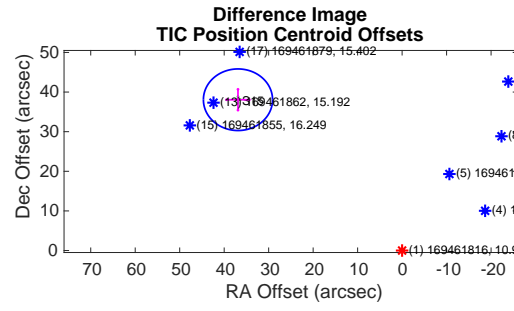
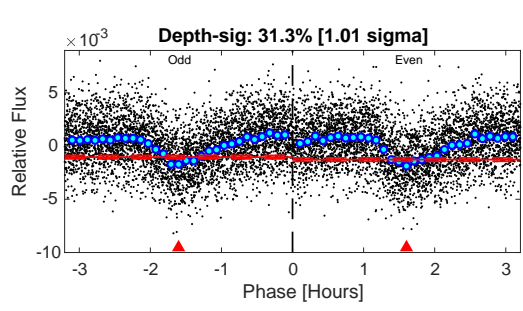
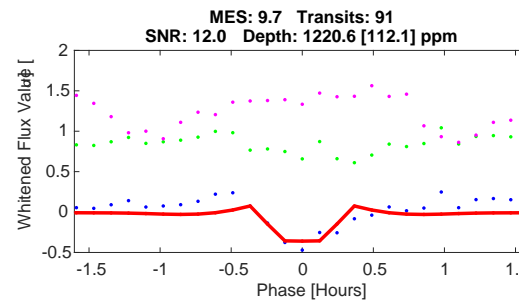
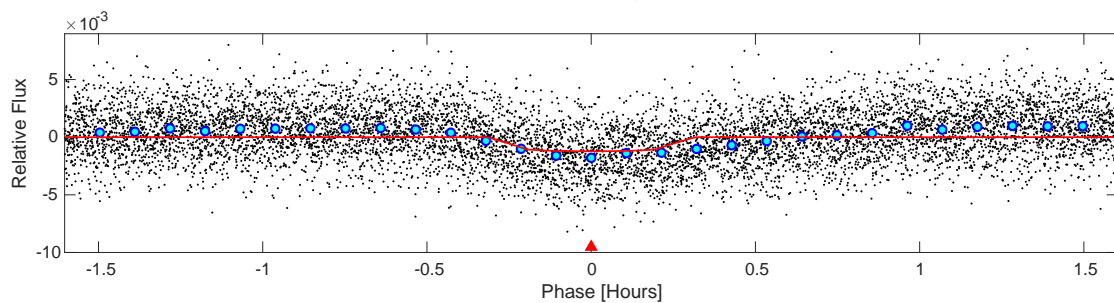
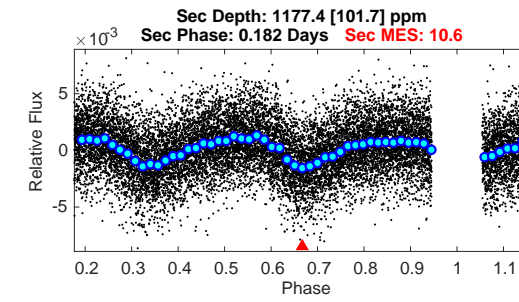
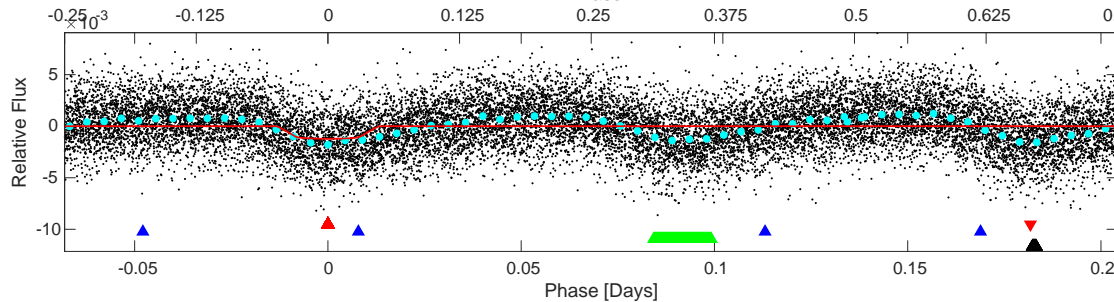
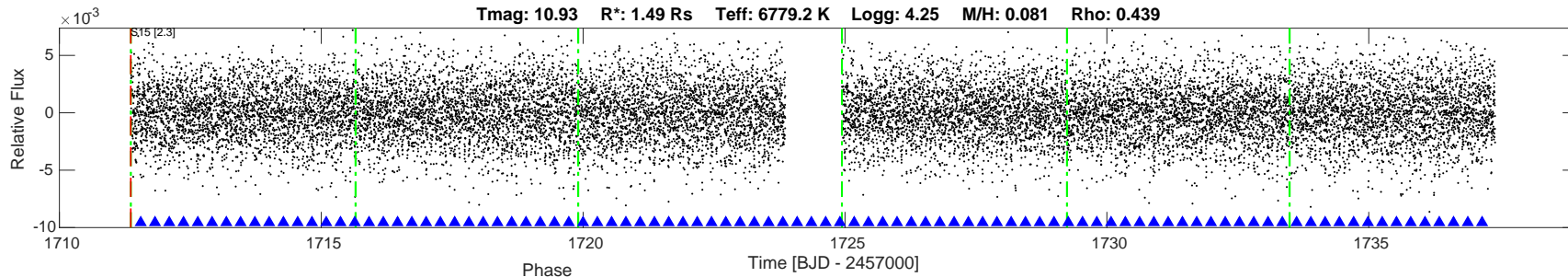


TIC: 169461816 Candidate: 1 of 4 Period: 0.272 d

Tmag: 10.93 R*: 1.49 Rs Teff: 6779.2 K Logg: 4.25 M/H: 0.081 Rho: 0.439



DV Fit Results:
 Period = 0.27246 [0.00001] d
 Epoch = 1711.5525 [0.0005] BTJD
 Rp/R* = 0.0328 [0.0278]
 a/R* = 4.07 [22.72]
 b = 0.01 [597.32]
 Seff = 48407.13 [7382.75]
 Teq = 3783 [144] K
 Rp = 5.35 [4.53] Re
 a = 0.0093 [0.0007] AU
 Rho = 12.178 [204.066]
 Ag = 1.97 [3.35] [0.29 sigma]
 Tp = 6930 [2941] K [1.07 sigma]

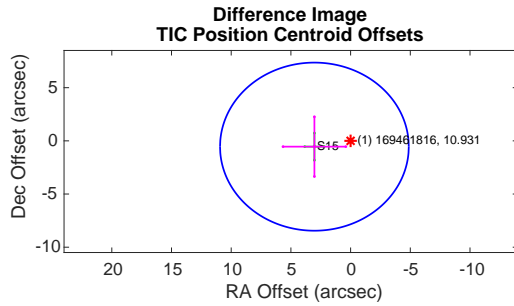
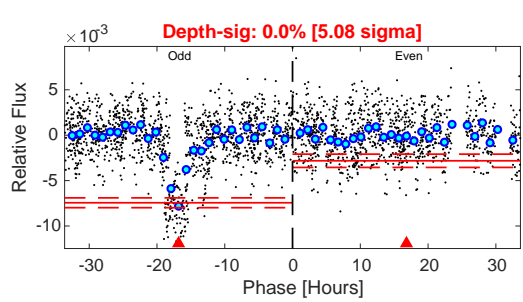
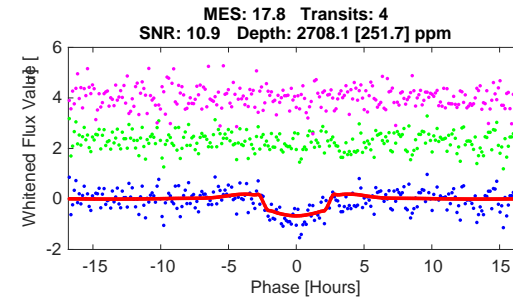
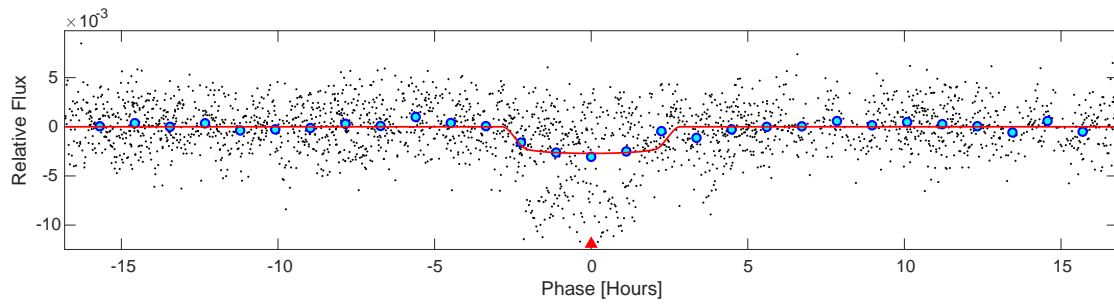
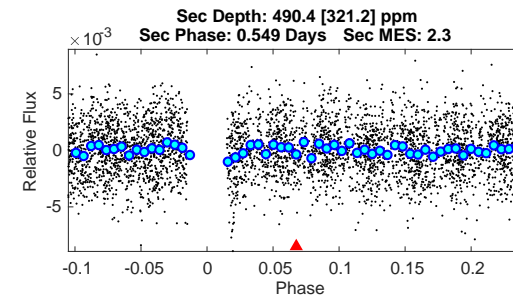
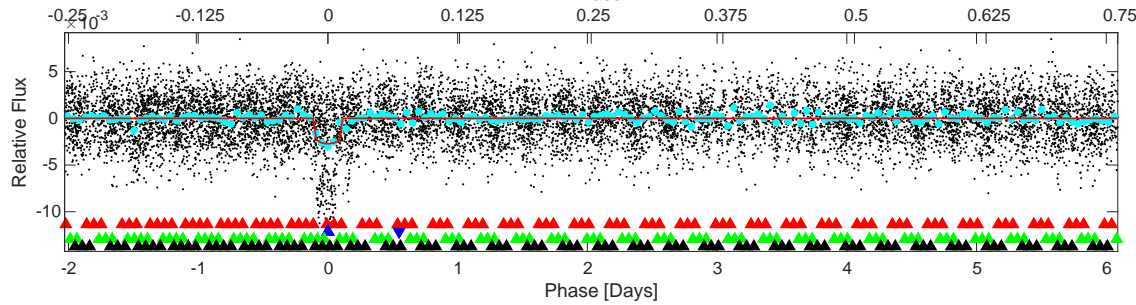
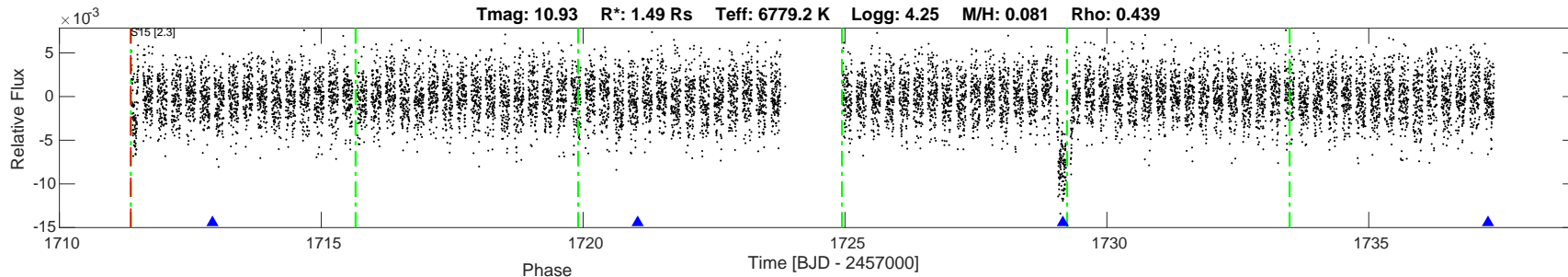
DV Diagnostic Results:
 ShortPeriod-sig: 0.3% [0.00 sigma]
 LongPeriod-sig: 0.0% [0.00 sigma]
 ModelChiSquare2-sig: 93.6%
 ModelChiSquareGof-sig: 100.0%
 Bootstrap-pfa: N/A
 GhostDiagnostic-chr: 0.2606
 OotOffset-rm: 55.204 arcsec [21.34 sigma]
 TicOffset-rm: 53.011 arcsec [20.46 sigma]
 OotOffset-tot: 1
 TicOffset-tot: 1
 DiffImageQuality-fgm: 0.00 [0/1]
 DiffImageOverlap-fno: 0.00 [0/1]

Software Revision: spoc-4.0.9-20190919 -- Date Generated: 21-Sep-2019 13:34:08 Z

This Data Validation Report Summary was produced in the TESS Science Processing Operations Center Pipeline at NASA Ames Research Center

TIC: 169461816 Candidate: 2 of 4 Period: 8.118 d

Tmag: 10.93 R*: 1.49 Rs Teff: 6779.2 K Logg: 4.25 M/H: 0.081 Rho: 0.439



DV Fit Results:

Period = 8.11804 [0.00368] d
 Epoch = 1712.9226 [0.0058] BTJD
 Rp/R* = 0.0524 [0.0032]
 a/R* = 7.70 [1.97]
 b = 0.79 [0.12]
 Seff = 524.06 [79.93]
 Teq = 1220 [47] K
 Rp = 8.52 [0.65] Re
 a = 0.0896 [0.0066] AU
 Rho = 0.093 [0.071]
 Ag = 29.81 [20.30] [1.42 sigma]
 Tp = 4409 [738] K [4.31 sigma]

DV Diagnostic Results:

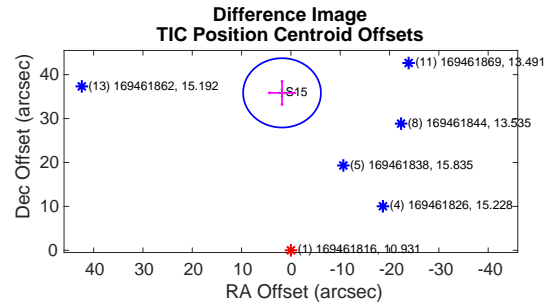
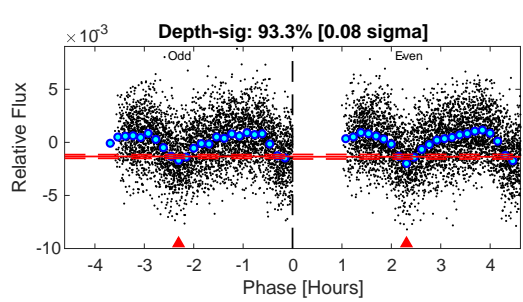
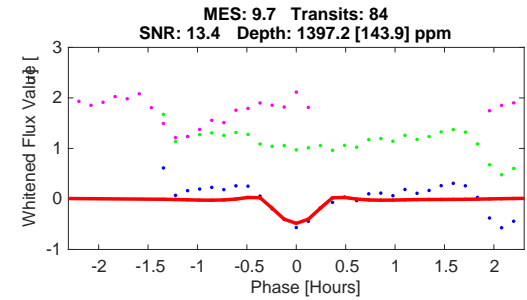
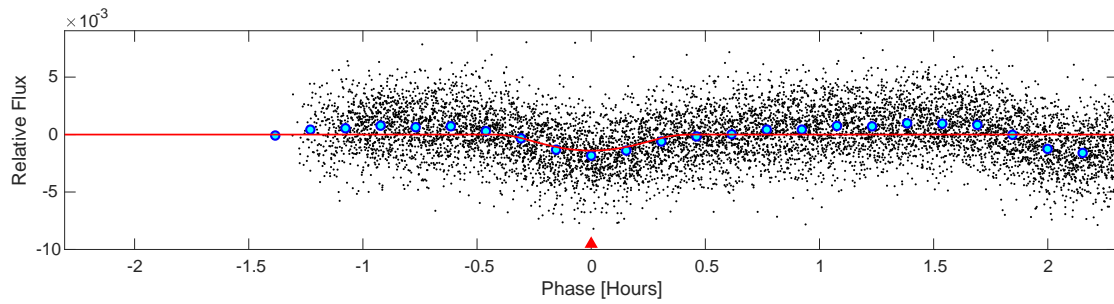
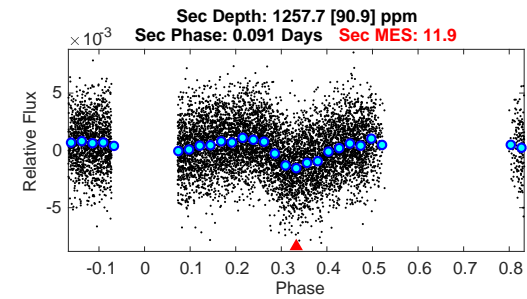
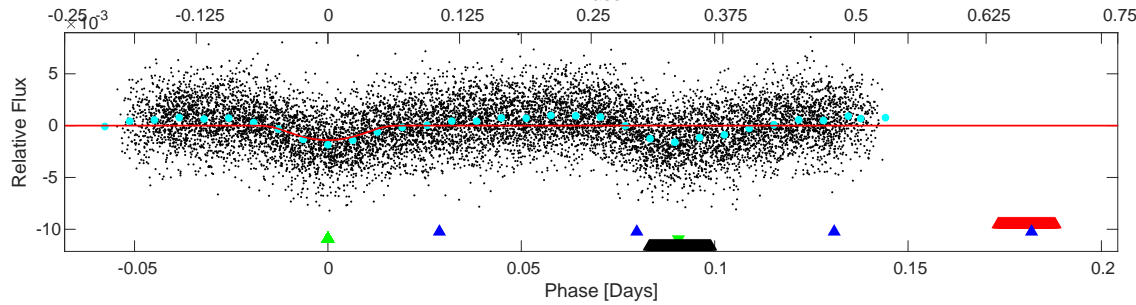
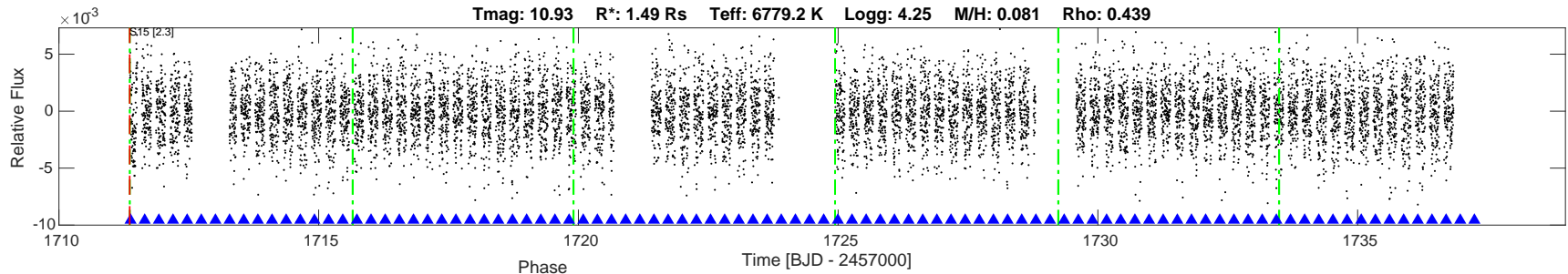
ShortPeriod-sig: 100.0% [33.43 sigma]
 LongPeriod-sig: N/A
 ModelChiSquare2-sig: 0.0%
 ModelChiSquareGof-sig: 100.0%
 Bootstrap-pfa: N/A
 GhostDiagnostic-chr: 0.6363
 OotOffset-rm: 7.898 arcsec [2.99 sigma]
 TicOffset-rm: 3.080 arcsec [1.17 sigma]
 OotOffset-tot: 1
 TicOffset-tot: 1
 DiffImageQuality-fgm: 1.00 [1/1]
 DiffImageOverlap-fno: 0.00 [0/1]

Software Revision: spoc-4.0.9-20190919 -- Date Generated: 21-Sep-2019 13:34:14 Z

This Data Validation Report Summary was produced in the TESS Science Processing Operations Center Pipeline at NASA Ames Research Center

TIC: 169461816 Candidate: 3 of 4 Period: 0.272 d

Tmag: 10.93 R*: 1.49 Rs Teff: 6779.2 K Logg: 4.25 M/H: 0.081 Rho: 0.439



DV Fit Results:

Period = 0.27230 [0.00002] d
 Epoch = 1711.3792 [0.0010] BTJD
 Rp/R* = 0.0554 [0.0950]
 a/R* = 1.42 [0.27]
 b = 0.99 [0.16]
 Seff = 48444.34 [7388.43]
 Teq = 3784 [144] K
 Rp = 9.02 [15.47] Re
 a = 0.0093 [0.0007] AU
 Rho = 0.514 [0.291]
 Ag = 0.74 [2.53] [-0.10 sigma]
 Tp = 5423 [4649] K [0.35 sigma]

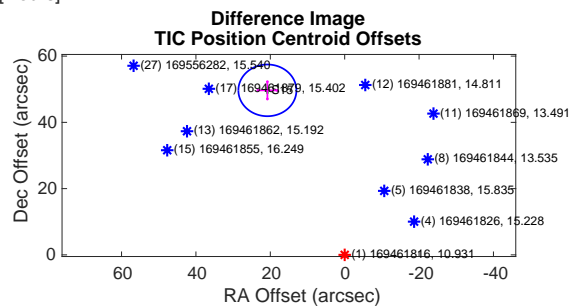
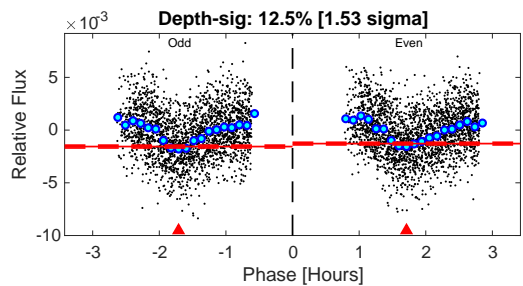
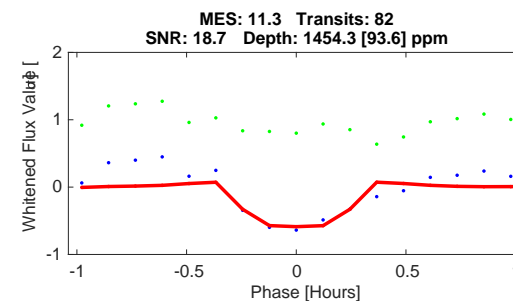
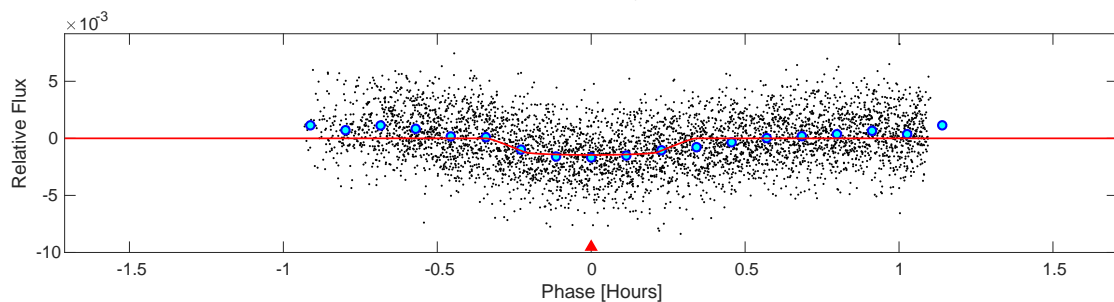
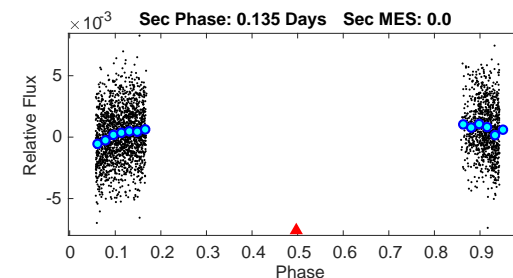
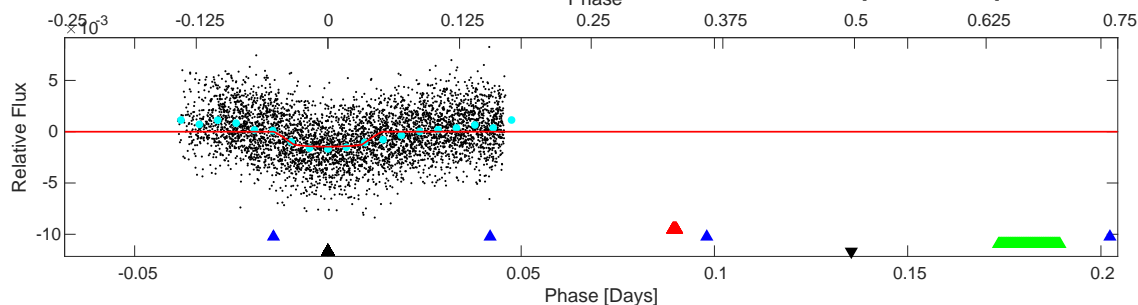
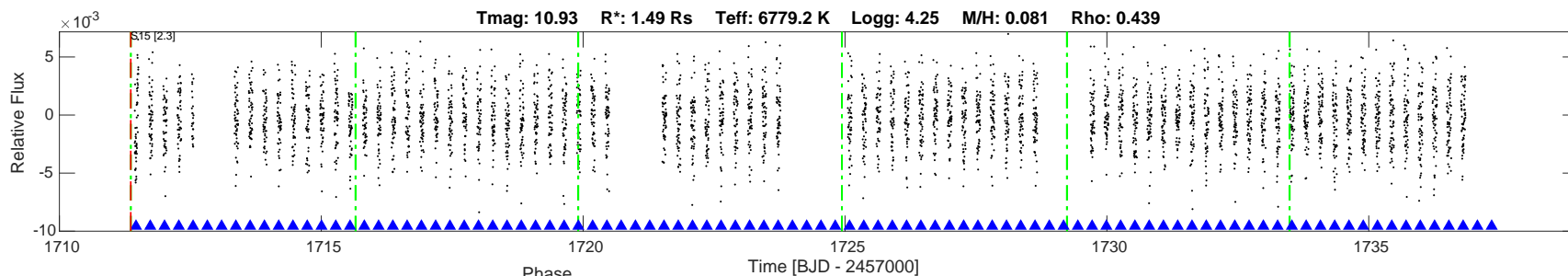
DV Diagnostic Results:

ShortPeriod-sig: N/A
 LongPeriod-sig: 0.3% [0.00 sigma]
 ModelChiSquare2-sig: 100.0%
 ModelChiSquareGof-sig: 100.0%
 Bootstrap-pfa: N/A
 GhostDiagnostic-chr: 0.441
 OotOffset-rm: 34.776 arcsec [13.24 sigma]
 TicOffset-rm: 35.890 arcsec [13.65 sigma]
 OotOffset-tot: 1
 TicOffset-tot: 1
 DiffImageQuality-fgm: 0.00 [0/1]
 DiffImageOverlap-fno: 0.00 [0/1]

Software Revision: spoc-4.0.9-20190919 -- Date Generated: 21-Sep-2019 13:34:19 Z

This Data Validation Report Summary was produced in the TESS Science Processing Operations Center Pipeline at NASA Ames Research Center

TIC: 169461816 Candidate: 4 of 4 Period: 0.272 d



DV Fit Results:

Period = 0.27247 [0.00001] d
 Epoch = 1711.4623 [0.0005] BTJD
 Rp/R* = 0.0359 [0.0219]
 a/R* = 3.81 [15.21]
 b = 0.11 [40.41]
 Seff = 48404.70 [7382.38]
 Teq = 3783 [144] K
 Rp = 5.84 [3.58] Re
 a = 0.0093 [0.0007] AU
 Rho = 10.016 [119.908]
 Ag = N/A
 Tp = N/A

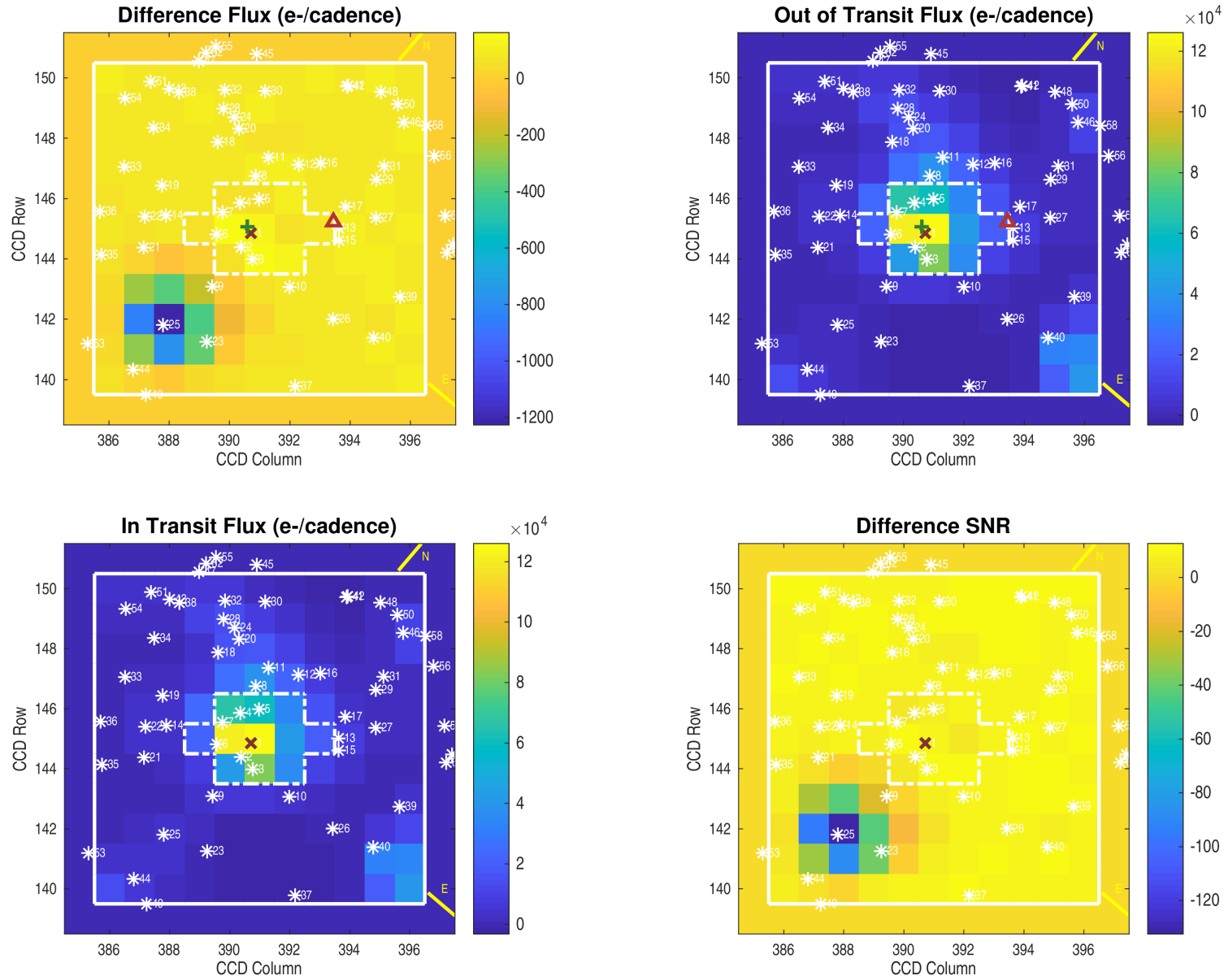
DV Diagnostic Results:

ShortPeriod-sig: 0.0% [0.00 sigma]
 LongPeriod-sig: 100.0% [33.43 sigma]
 ModelChiSquare2-sig: 99.7%
 ModelChiSquareGof-sig: 100.0%
 Bootstrap-pfa: N/A
 GhostDiagnostic-chr: 0.7248
 OotOffset-rm: 54.303 arcsec [20.91 sigma]
 TicOffset-rm: 53.837 arcsec [20.70 sigma]
 OotOffset-tot: 1
 TicOffset-tot: 1
 DiffImageQuality-fgm: 0.00 [0/1]
 DiffImageOverlap-fno: 0.00 [0/1]

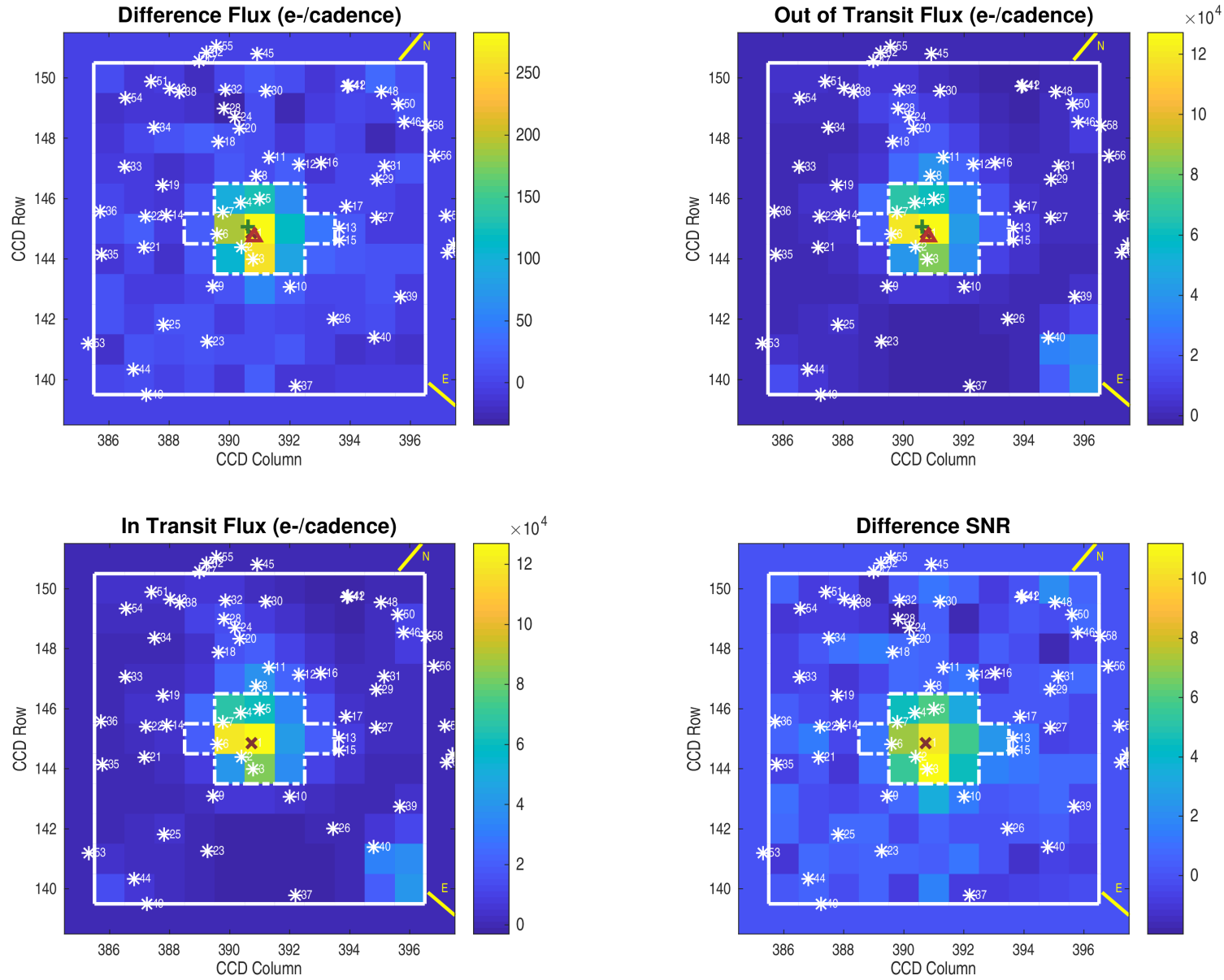
Software Revision: spoc-4.0.9-20190919 -- Date Generated: 21-Sep-2019 13:34:24 Z

This Data Validation Report Summary was produced in the TESS Science Processing Operations Center Pipeline at NASA Ames Research Center

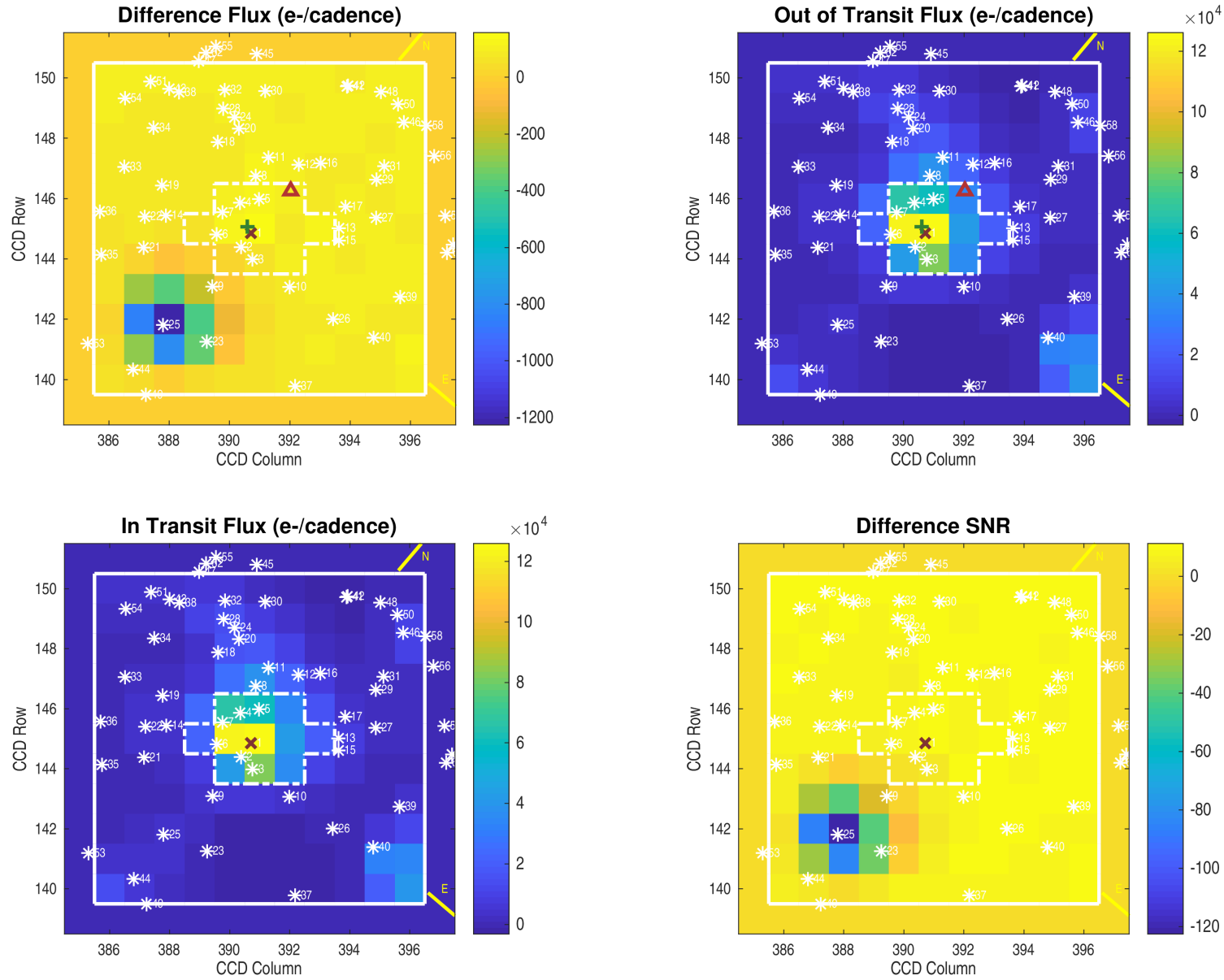
Planet Candidate 1 / Sector 15 / Target Pixel Table 169



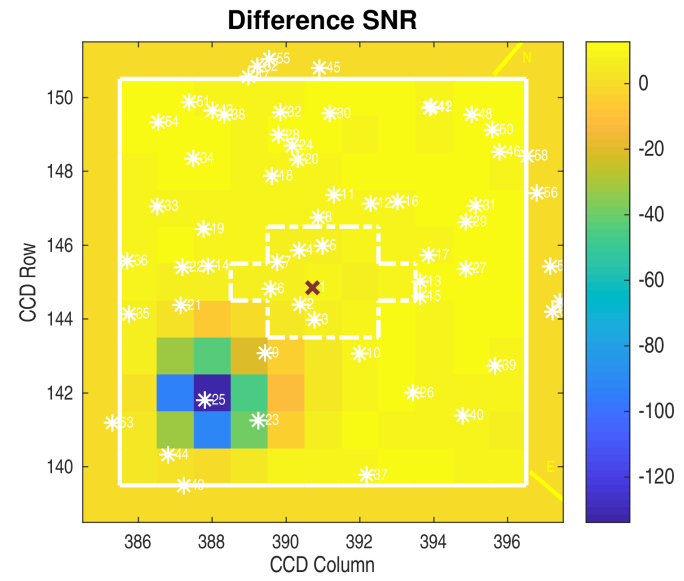
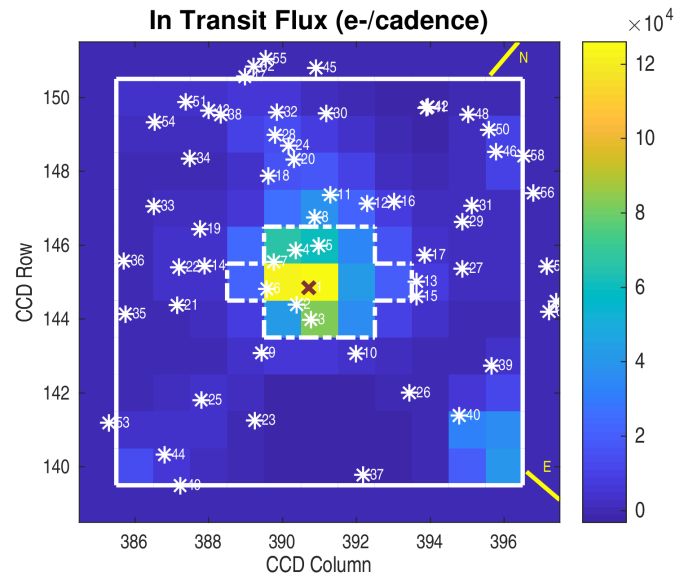
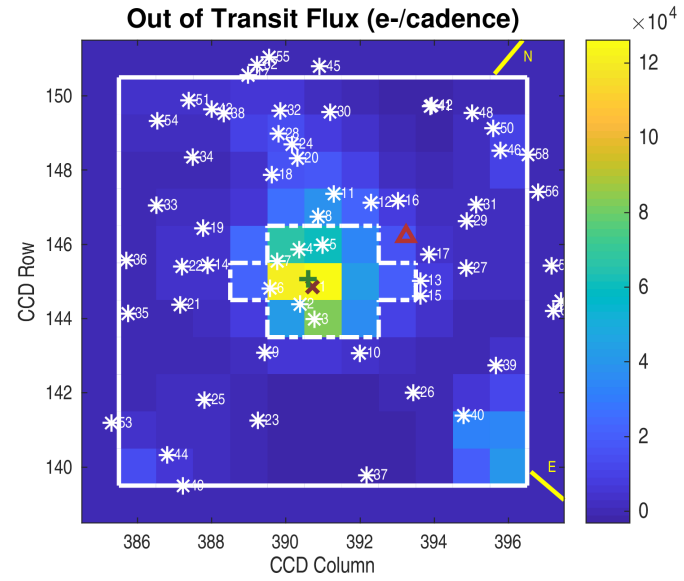
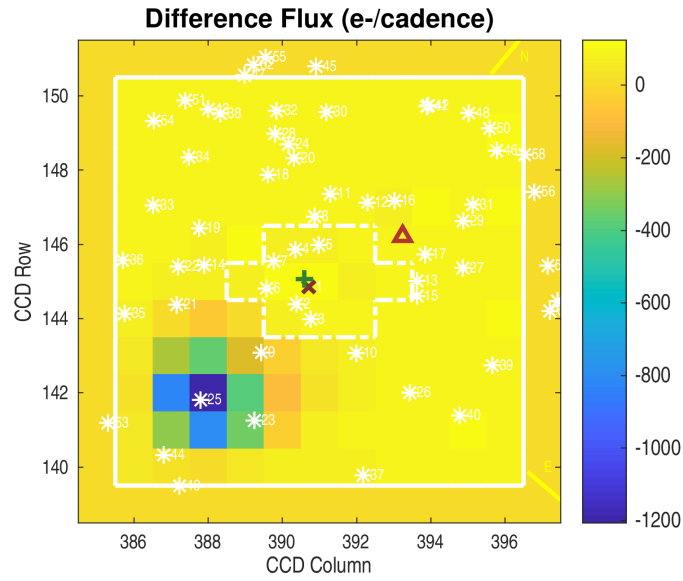
Planet Candidate 2 / Sector 15 / Target Pixel Table 169

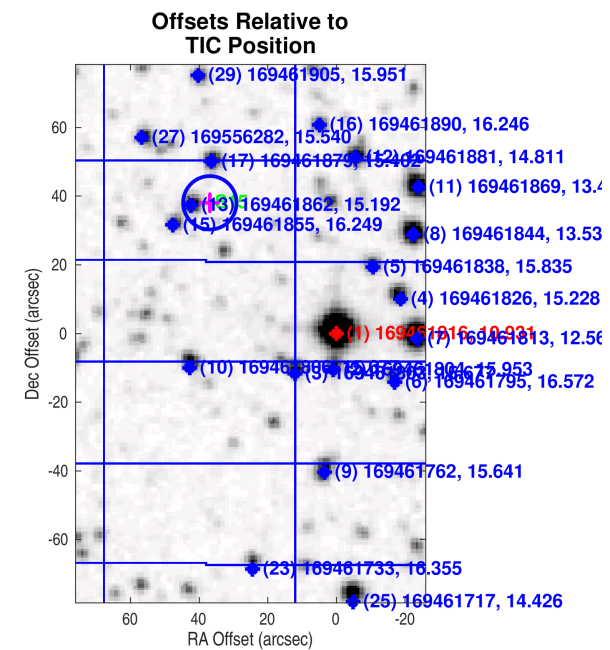
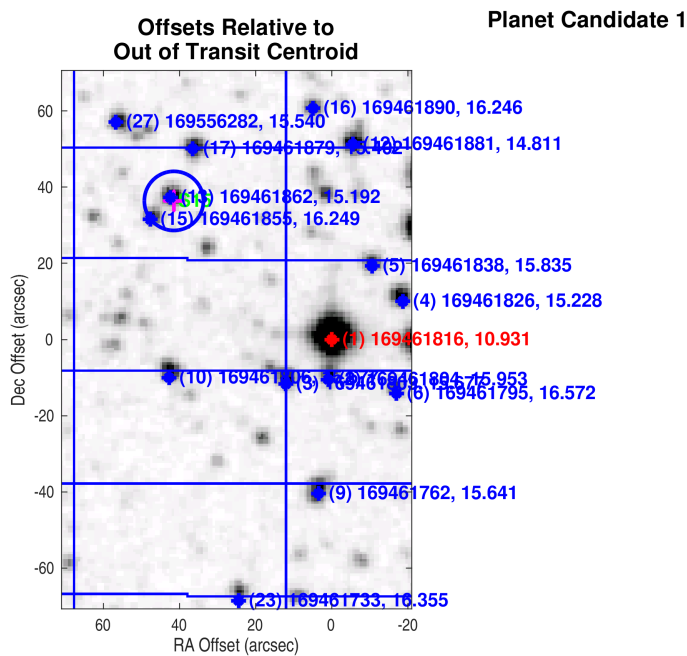
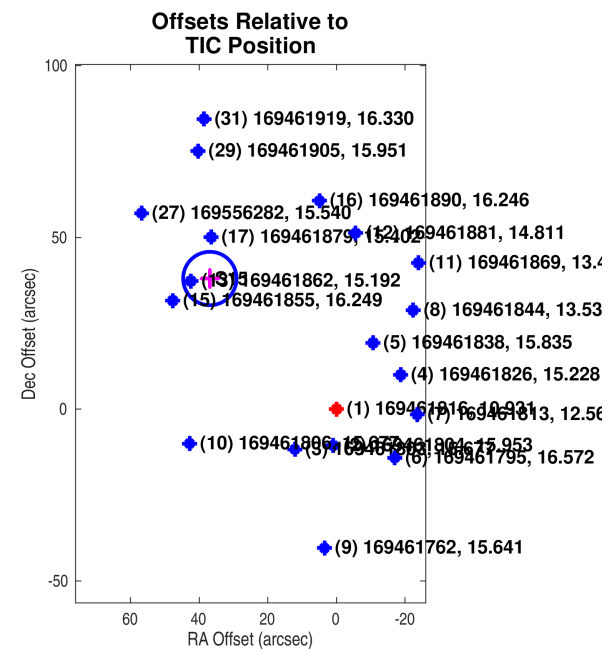
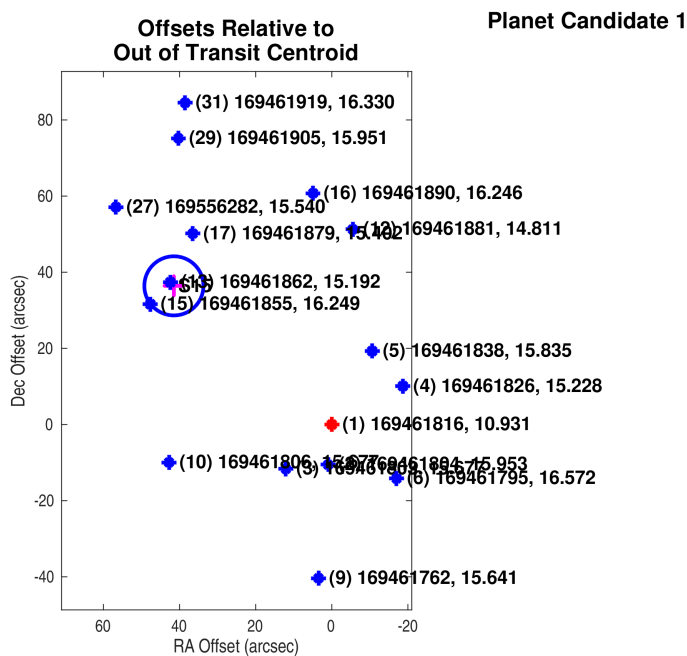


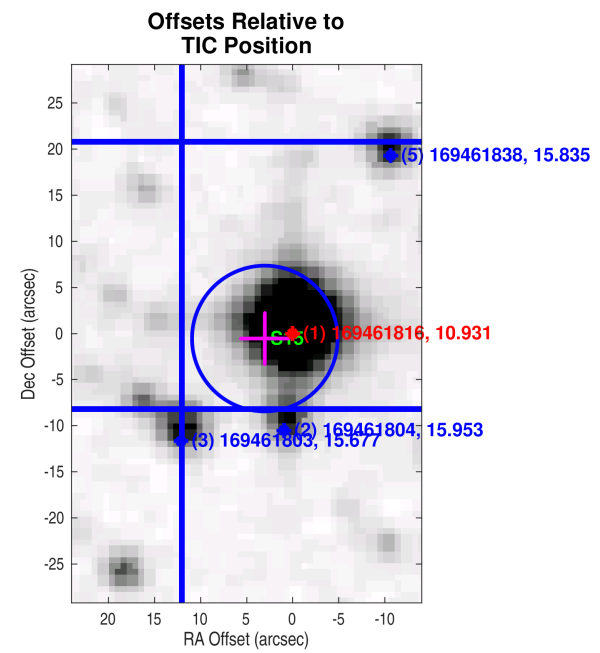
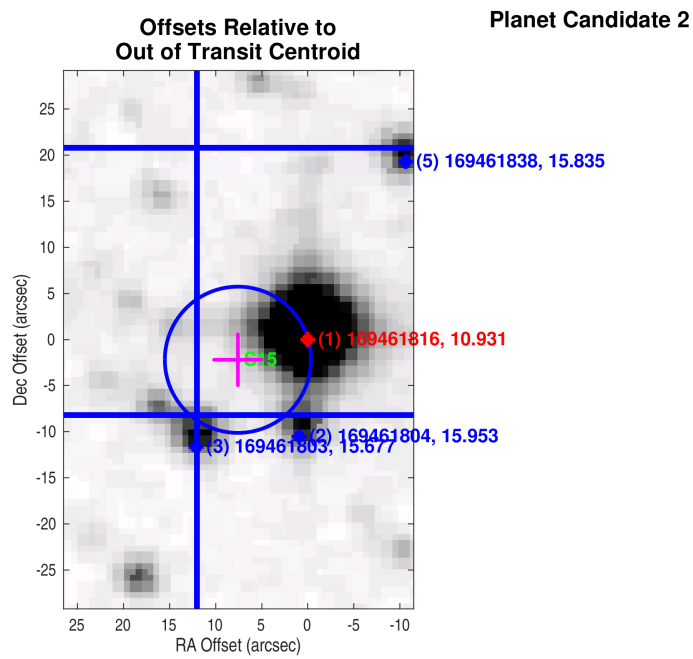
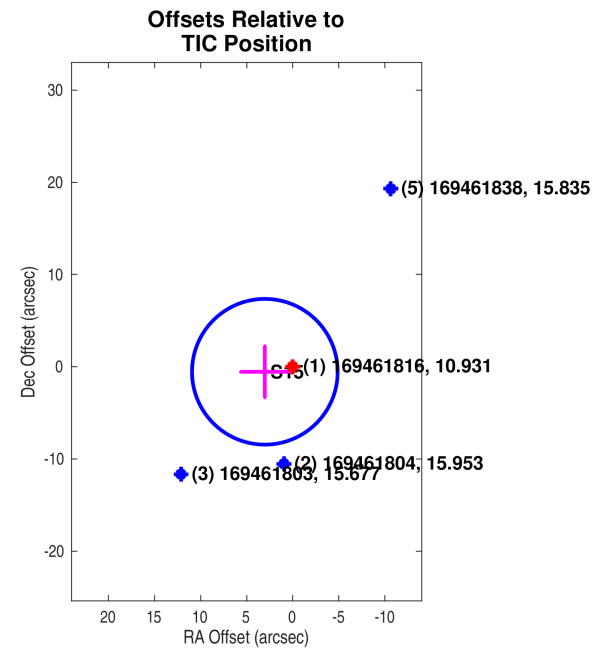
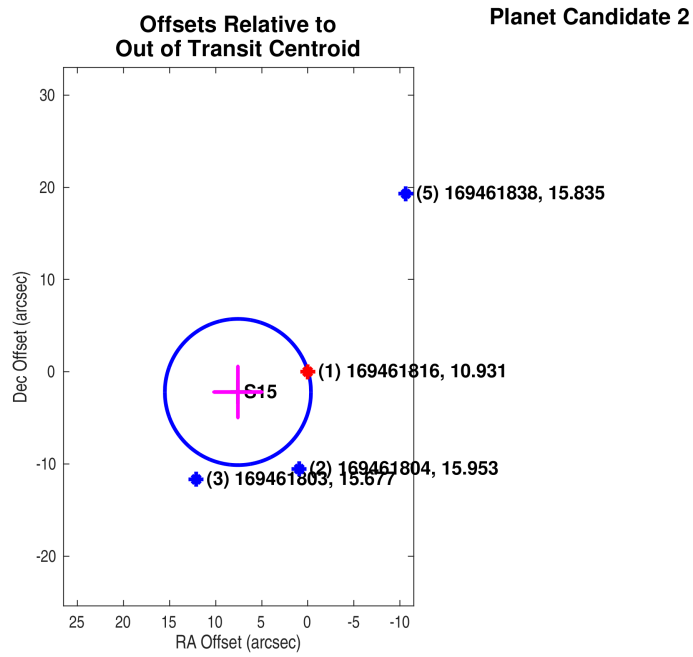
Planet Candidate 3 / Sector 15 / Target Pixel Table 169



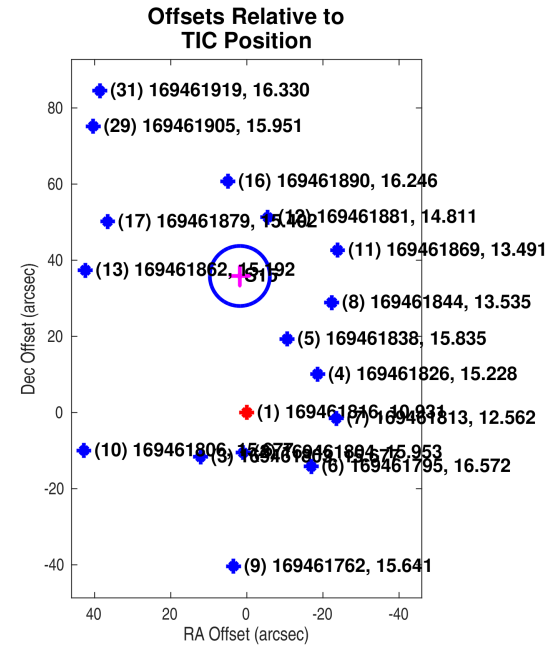
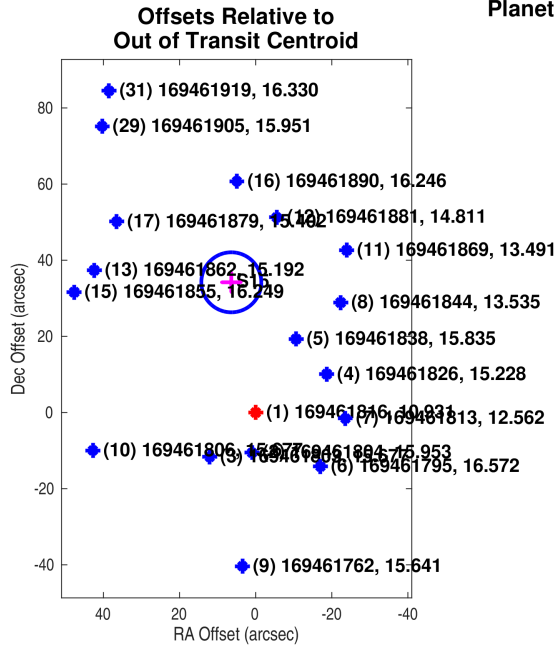
Planet Candidate 4 / Sector 15 / Target Pixel Table 169



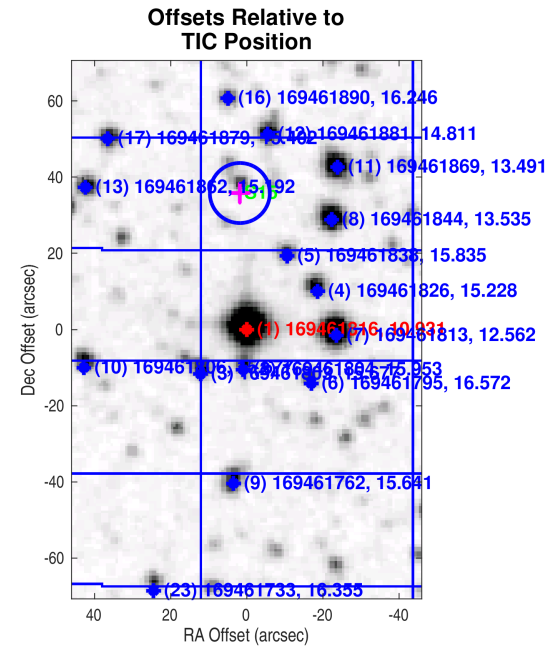
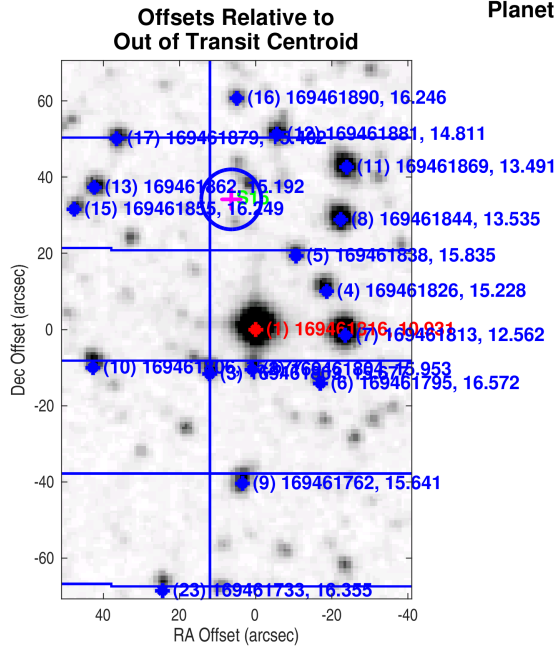


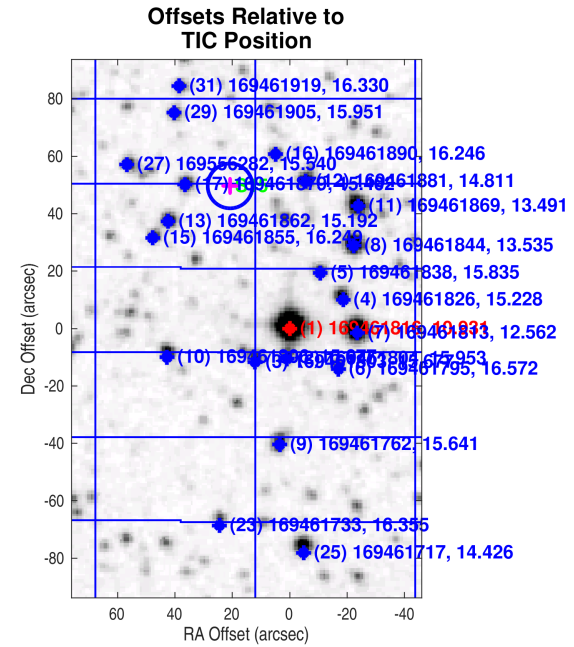
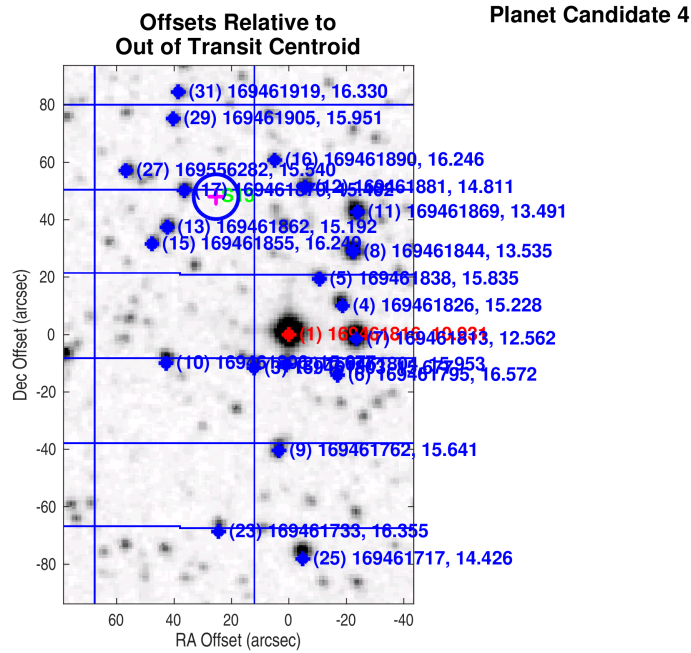
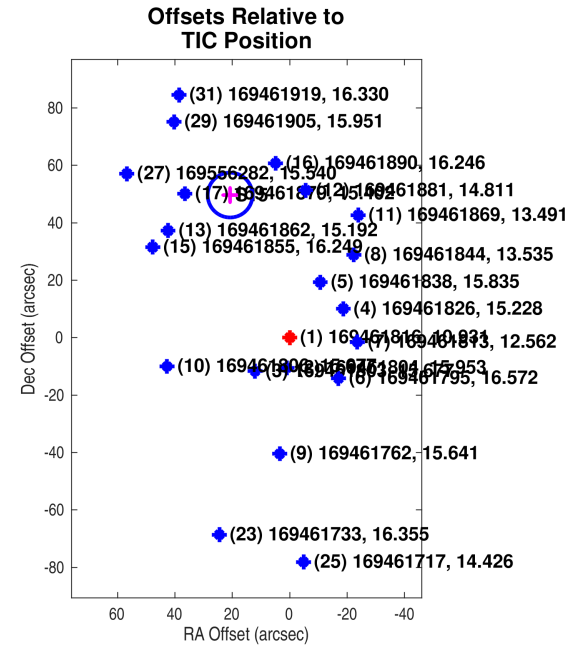
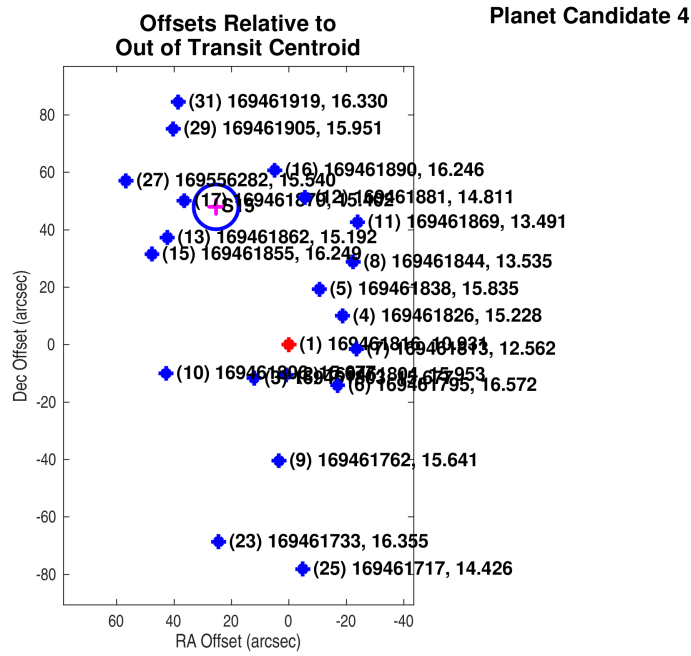


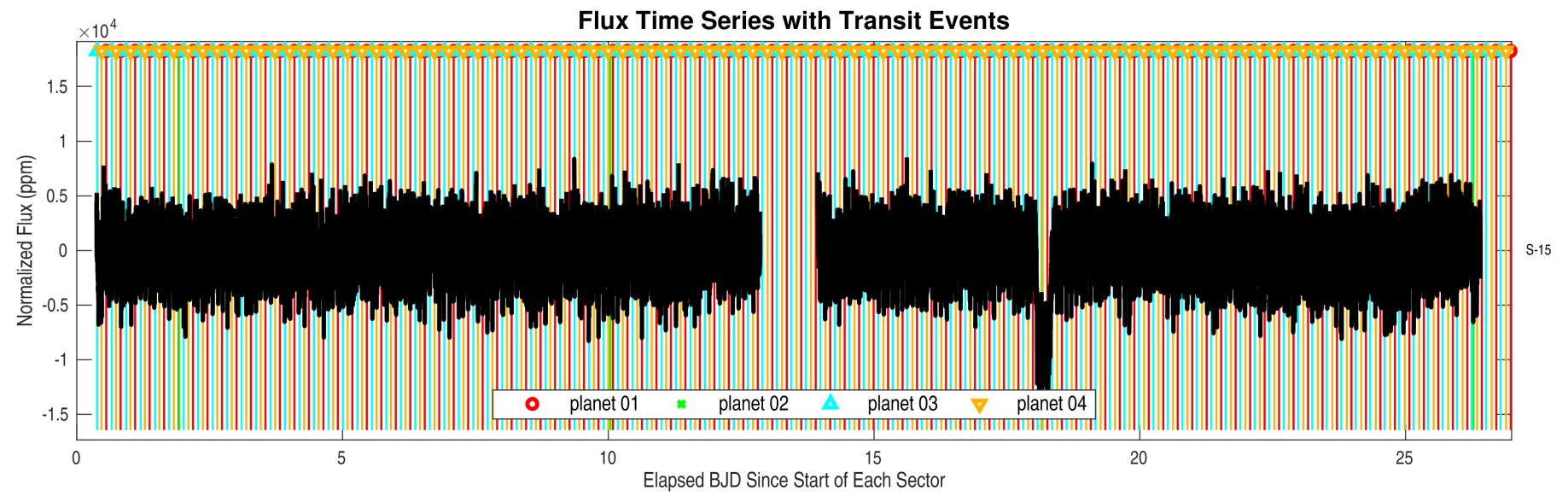
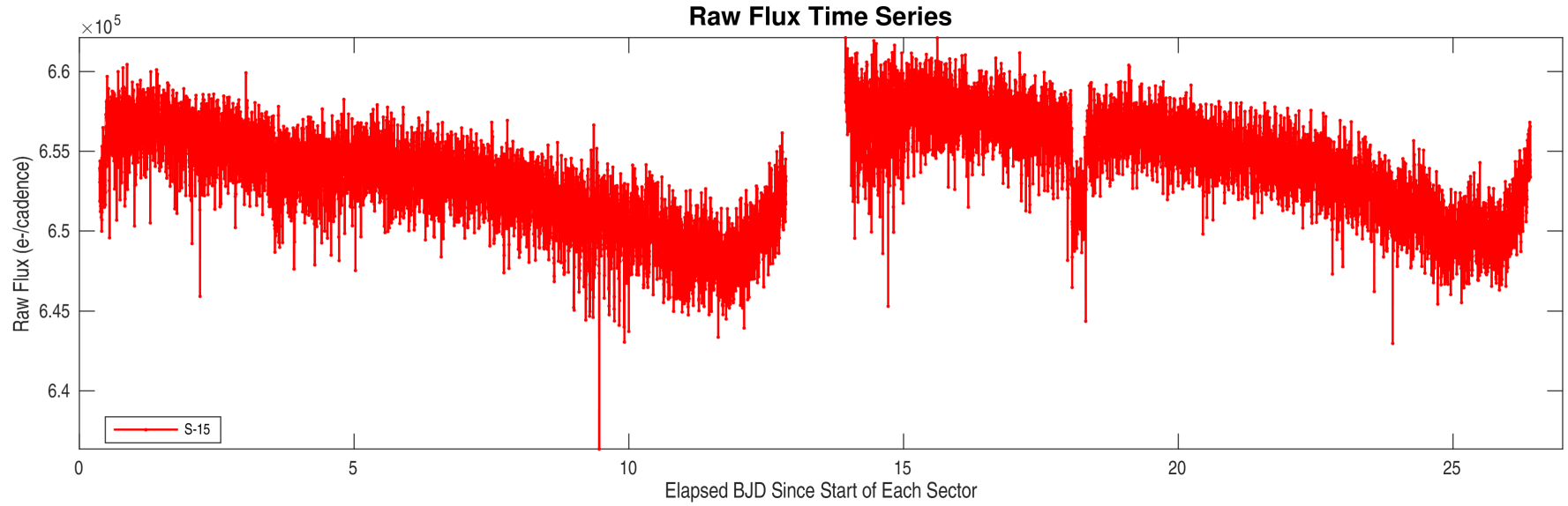
Planet Candidate 3

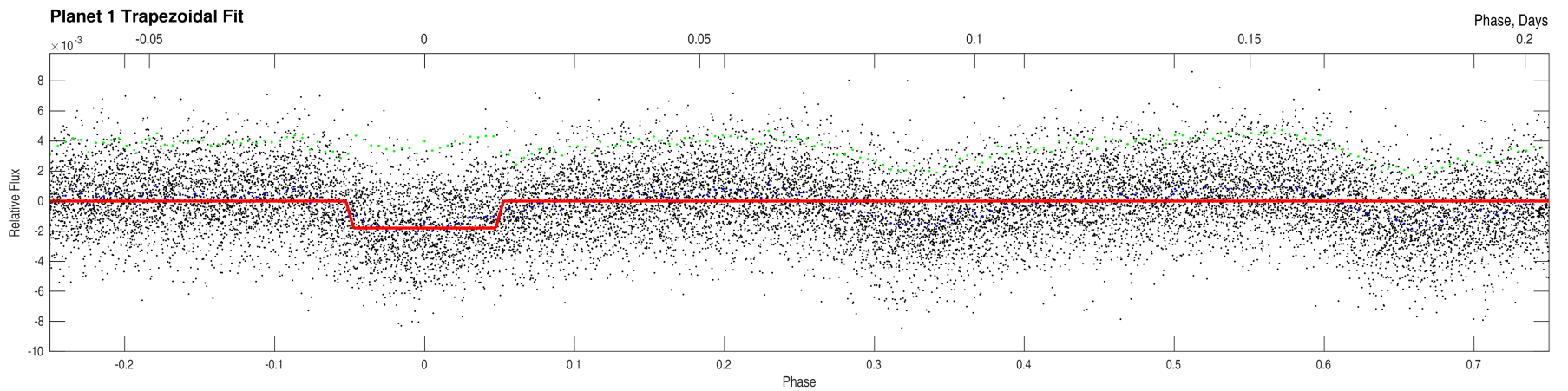
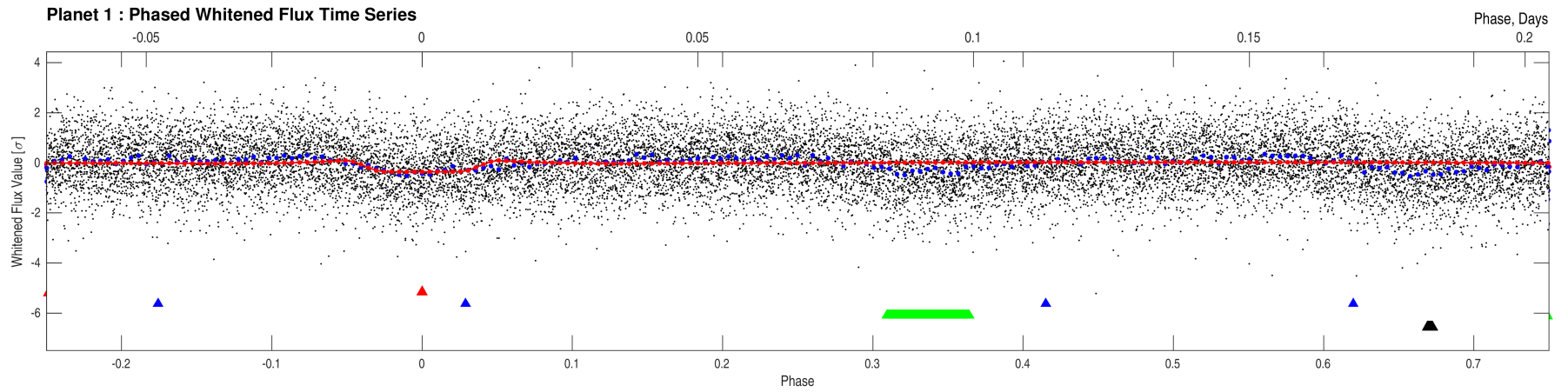
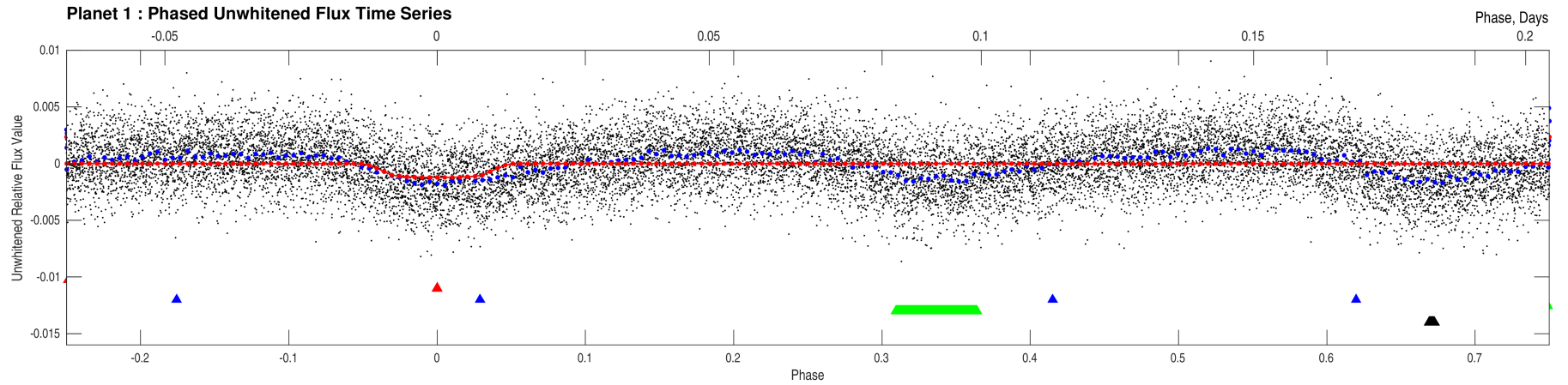


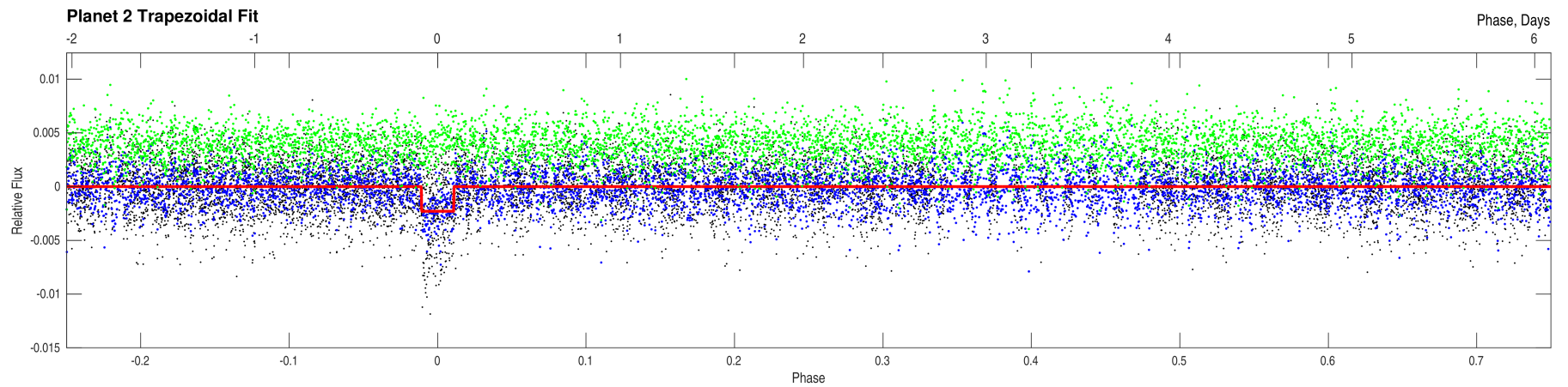
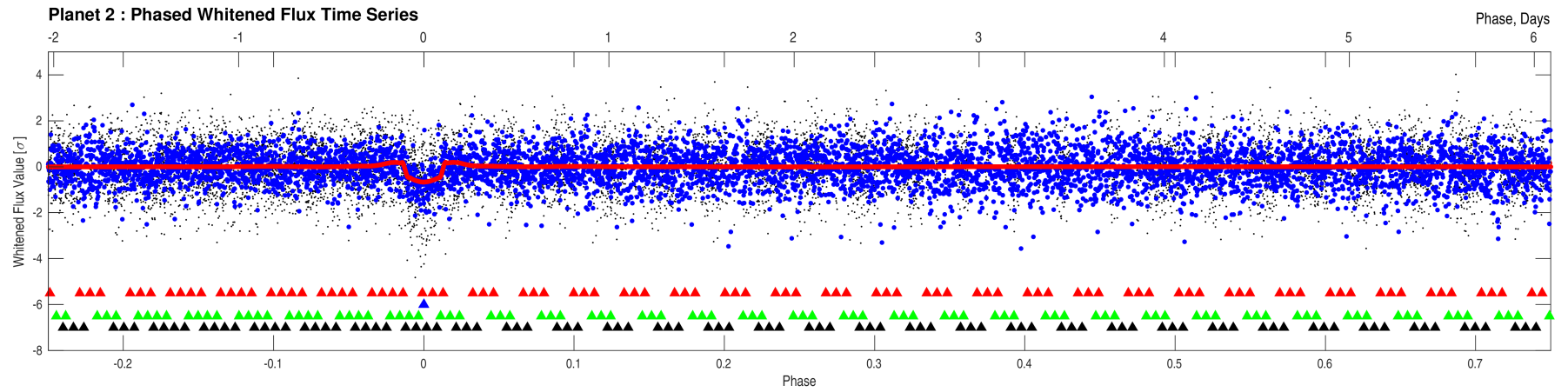
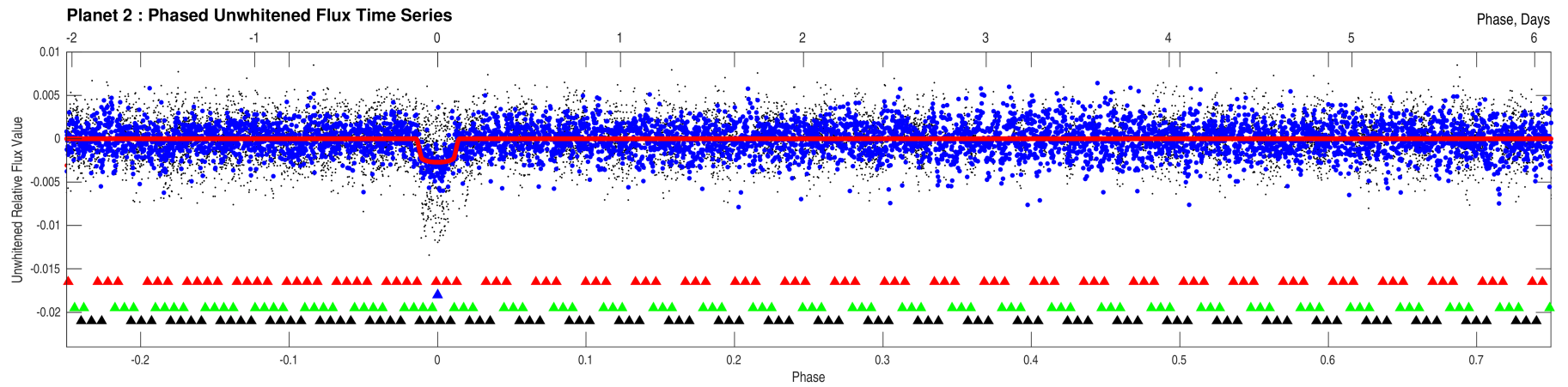
Planet Candidate 3

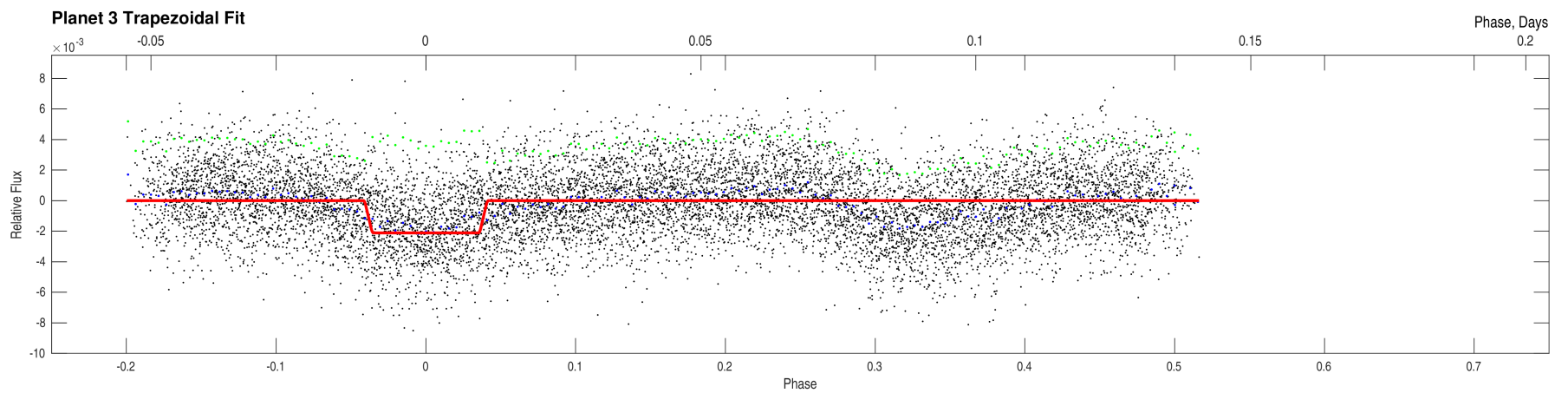
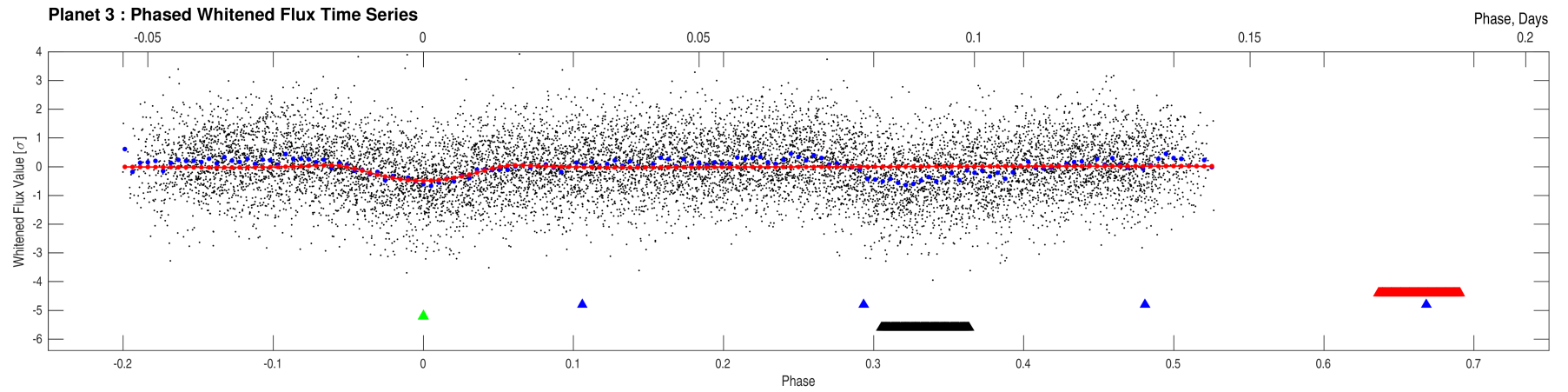
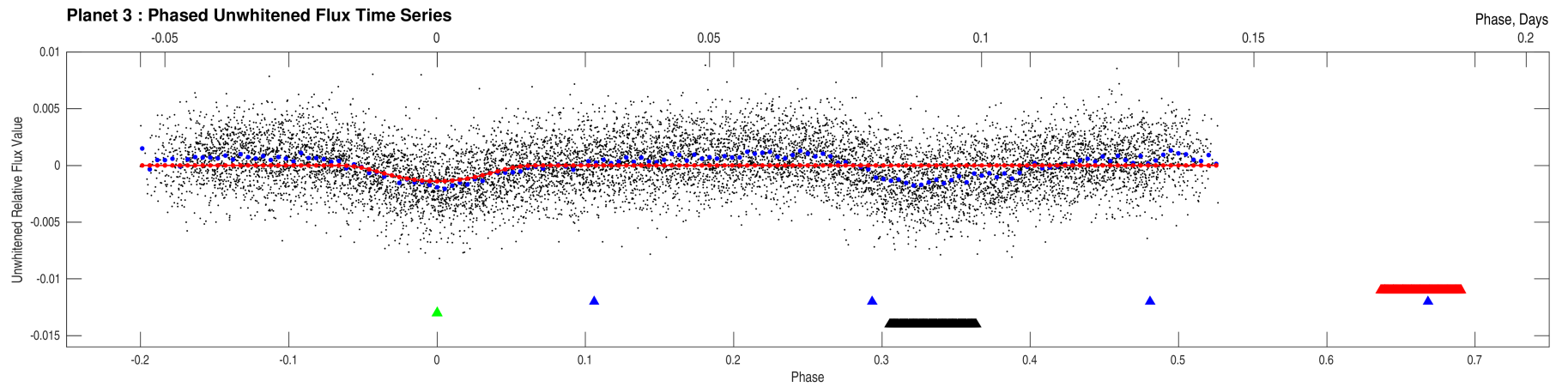


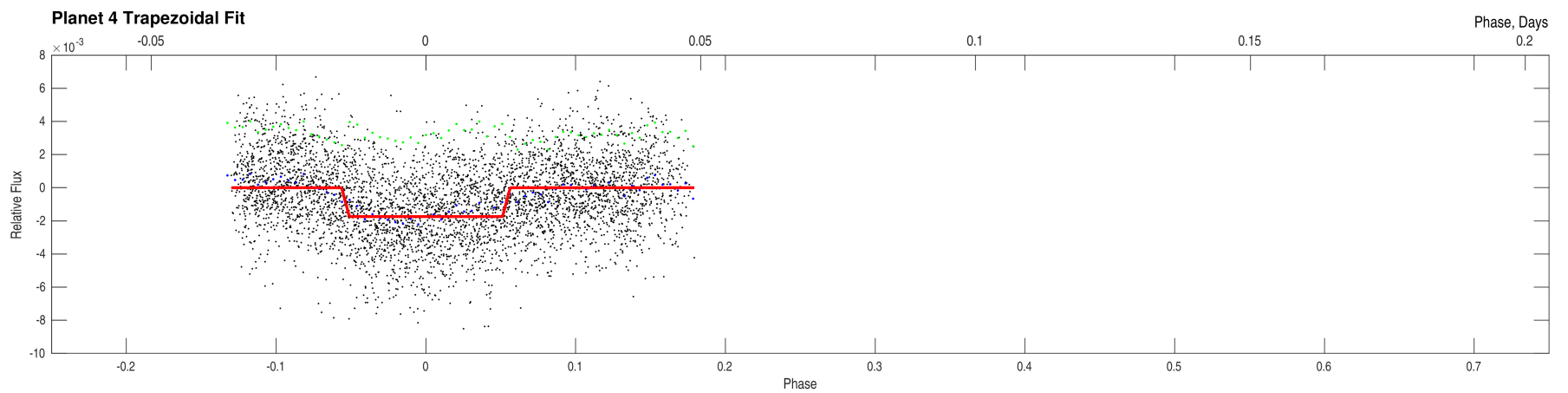
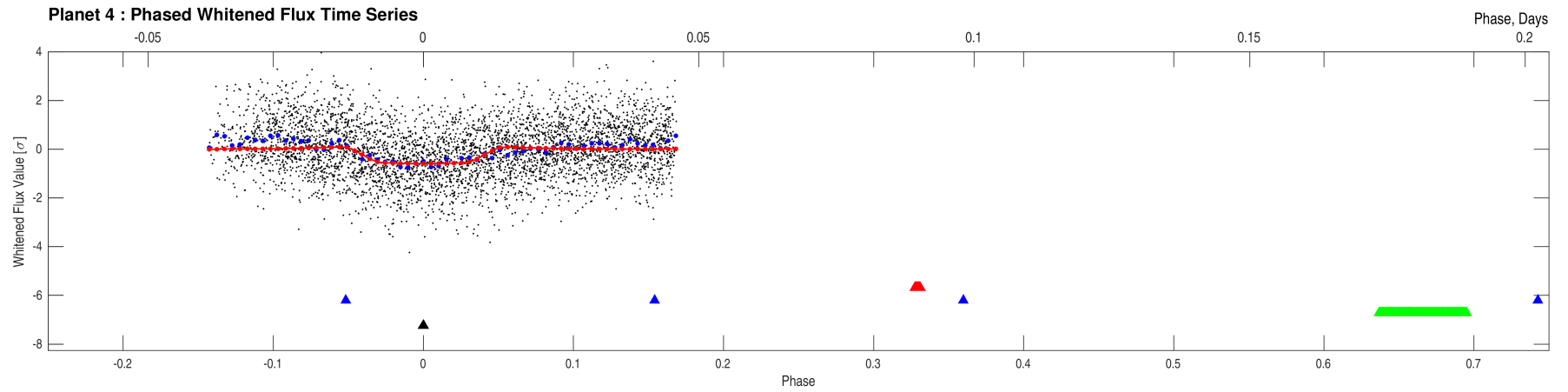
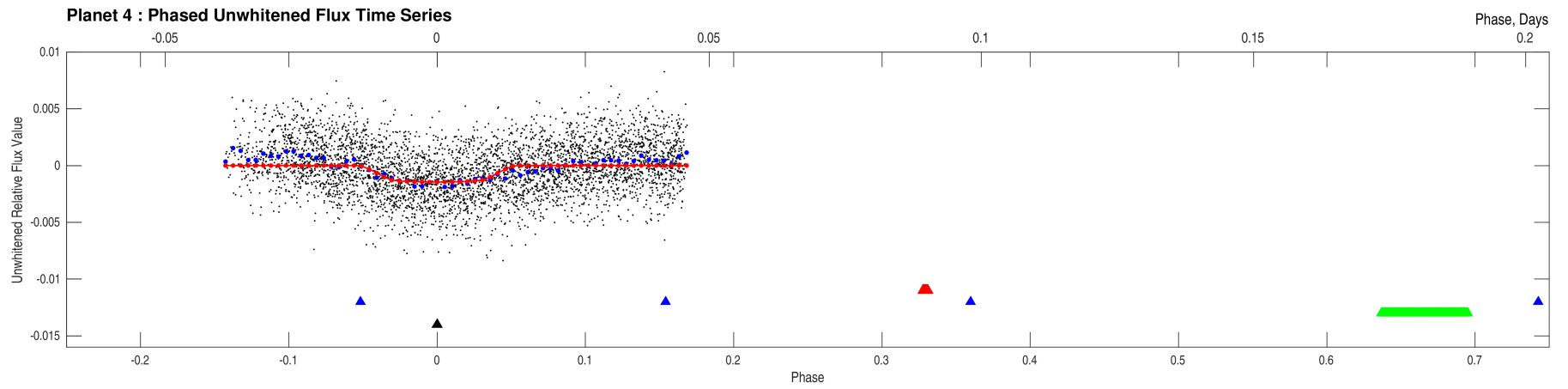






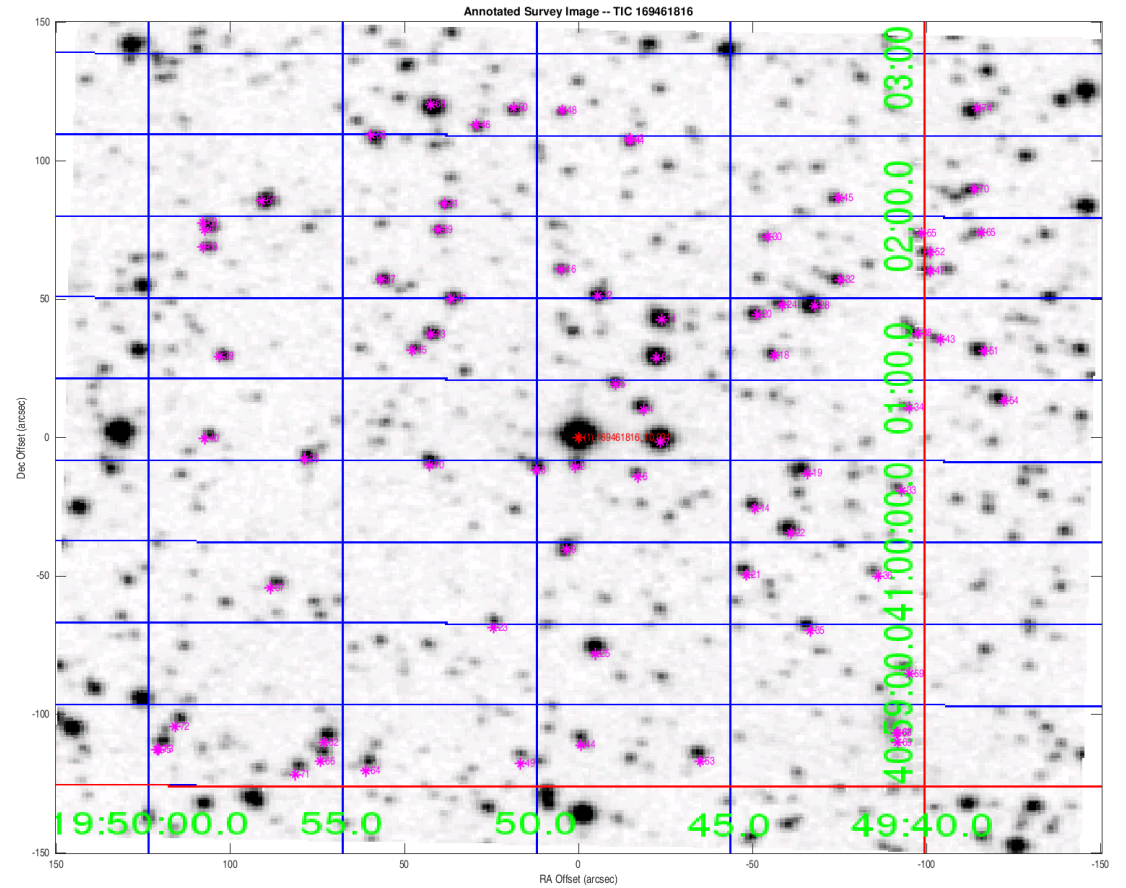






Stellar Distance Table

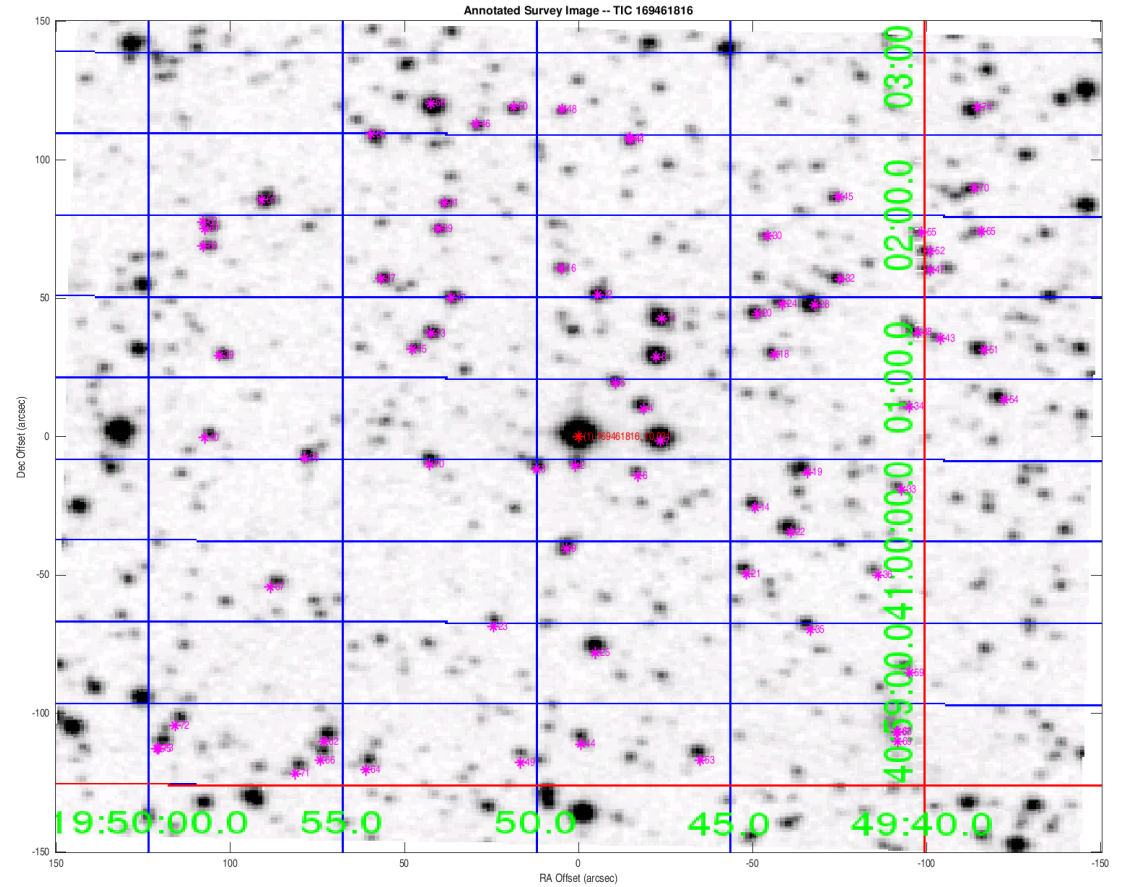
Index	TIC ID	TESS Mag	Distance (arcsec)
1	0000000169461816	10.93	0.00
2	0000000169461804	15.95	10.57
3	0000000169461803	15.68	16.82
4	0000000169461826	15.23	21.19
5	0000000169461838	15.83	22.05
6	0000000169461795	16.57	22.11
7	0000000169461813	12.56	23.58
8	0000000169461844	13.54	36.49
9	0000000169461762	15.64	40.56
10	0000000169461806	15.68	43.94
11	0000000169461869	13.49	48.88
12	0000000169461881	14.81	51.58
13	0000000169461862	15.19	56.48
14	0000000169461779	15.61	56.80
15	0000000169461855	16.25	57.23
16	0000000169461890	16.25	60.93
17	0000000169461879	15.40	62.03
18	0000000169461847	16.13	63.63
19	0000000169461802	16.27	66.99
20	0000000169461873	15.15	67.93
21	0000000169461757	15.86	69.13
22	0000000169461769	14.67	69.96
23	0000000169461733	16.36	72.85
24	0000000169461877	16.25	75.66
25	0000000169461717	14.43	78.27
26	0000000169556349	15.72	79.12
27	0000000169556282	15.54	80.50
28	0000000169461876	13.51	82.94
29	0000000169461905	15.95	85.30
30	0000000169461899	16.81	90.65
31	0000000169461919	16.33	92.89
32	0000000169461885	15.61	94.36
33	0000000169461787	16.71	94.80
34	0000000169461827	16.66	95.59
35	0000000169461730	15.89	96.41
36	0000000169461756	16.88	99.50
37	0000000169556395	16.68	103.89
38	0000000169461863	15.92	104.48
39	0000000169556312	15.66	107.28
40	0000000169556340	16.19	107.41



Distances are corrected for proper motion. This table may not contain all of the objects shown.

Stellar Distance Table – Continued

Index	TIC ID	TESS Mag	Distance (arcsec)
41	0000000169461944	16.37	108.30
42	00000001879946854	16.88	109.05
43	0000000169461859	16.85	109.84
44	0000000169461696	16.45	111.07
45	0000000169461921	16.15	114.38
46	0000000169461948	16.29	116.77
47	0000000169461888	16.33	117.60
48	0000000169461952	16.81	118.37
49	0000000169461690	16.77	118.95
50	0000000169461954	15.80	120.62
51	0000000169461852	15.15	120.67
52	0000000169461894	16.04	121.20
53	0000000169461691	15.59	122.01
54	0000000169461832	15.17	123.00
55	0000000169461902	16.57	123.24
56	0000000169556220	15.23	124.46
57	0000000169556246	14.40	124.88
58	0000000169461956	13.42	127.63
59	0000000169461713	16.49	127.73
60	0000000169556268	16.02	127.92
61	0000000169556258	15.94	130.97
62	0000000169556464	15.20	132.19
63	00000001879946734	16.32	132.91
64	0000000169556482	16.32	134.94
65	0000000169461903	16.73	137.36
66	0000000169556480	16.40	138.40
67	0000000169461701	16.83	140.48
68	0000010000712493	15.82	140.59
69	0000000169461698	16.36	143.21
70	0000000169461924	16.29	144.88
71	0000000169556483	16.31	146.41
72	0000000169556459	16.01	155.94
73	00000001879946294	16.35	165.05
74	0000000169461953	14.59	165.22
75	0000000169556469	16.16	165.40



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