Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
Data File : BG036449.D
Acq On : 28 Aug 2018 3:47
Operator : JU/SJ
Sample : J4614-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DSN-001A-082218

Quant Time: Aug 28 05:18:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	64768	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	264747	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	165806	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	396626	20.00	ng	0.00
75) Chrysene-d12	21.69	240	421689	20.00	ng	-0.02
86) Perylene-d12	24.91	264	433955	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	207115	50.73	ng	0.00
7) Phenol-d6	7.22	99	173096	29.61	ng	0.00
23) Nitrobenzene-d5	9.22	82	424715	87.04	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	248907	125.81	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	938615	80.83	ng	-0.01
78) Terphenyl-d14	20.04	244	1393959	77.26	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	18562	9.741	ng	97
31) Naphthalene	10.92	128	122943	9.290	ng	99
49) Dimethylphthalate	14.14	163	76507	5.651	ng	97
51) Acenaphthene	14.75	154	23276	2.213	ng	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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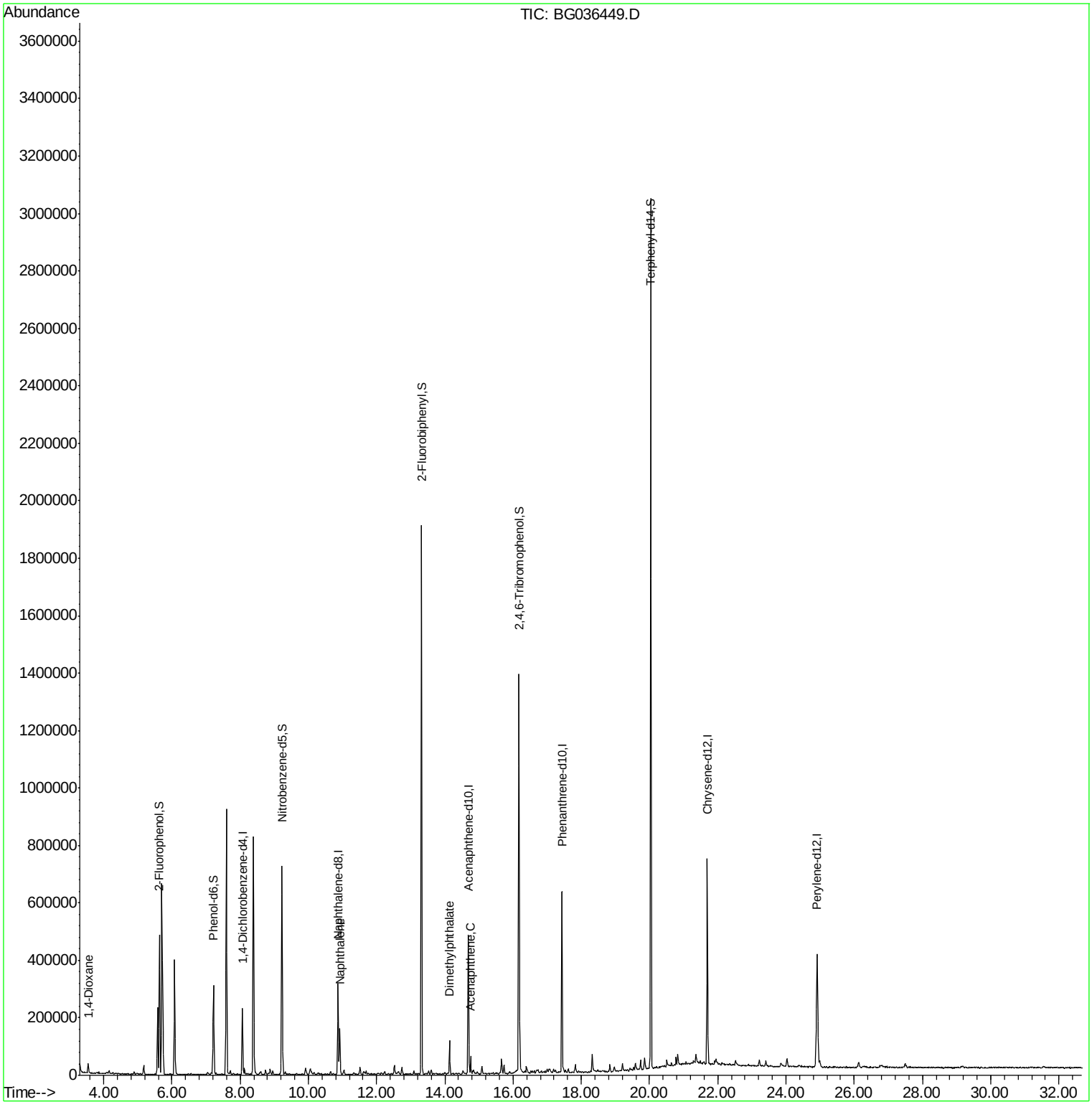
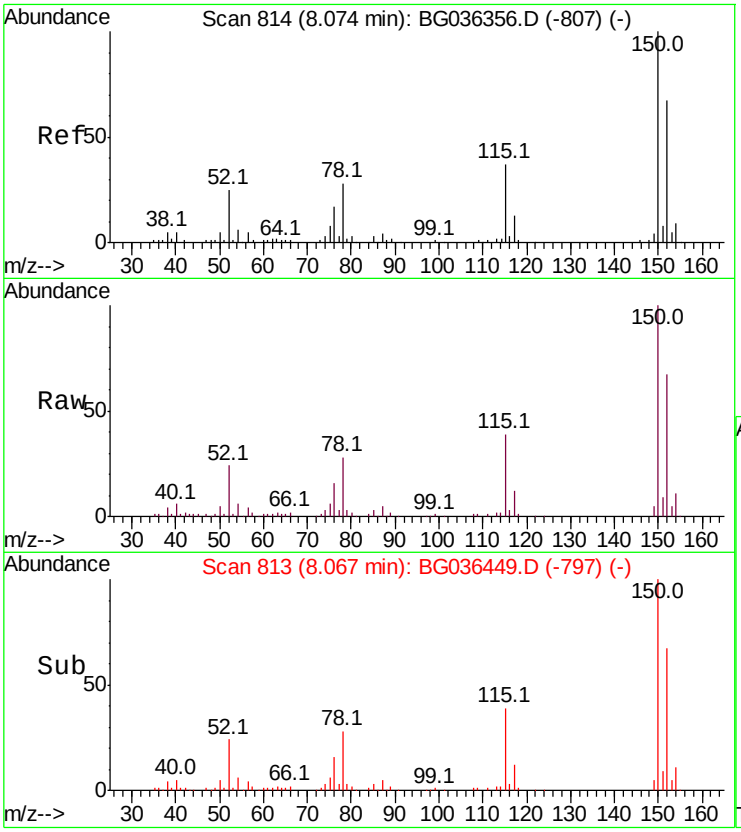


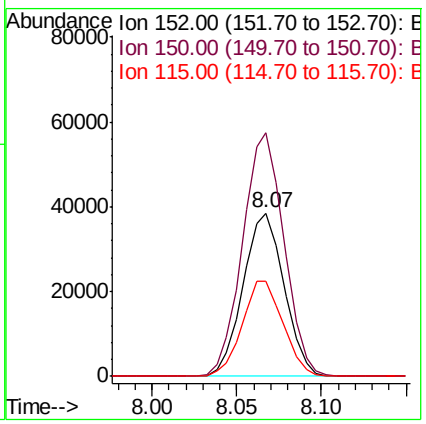


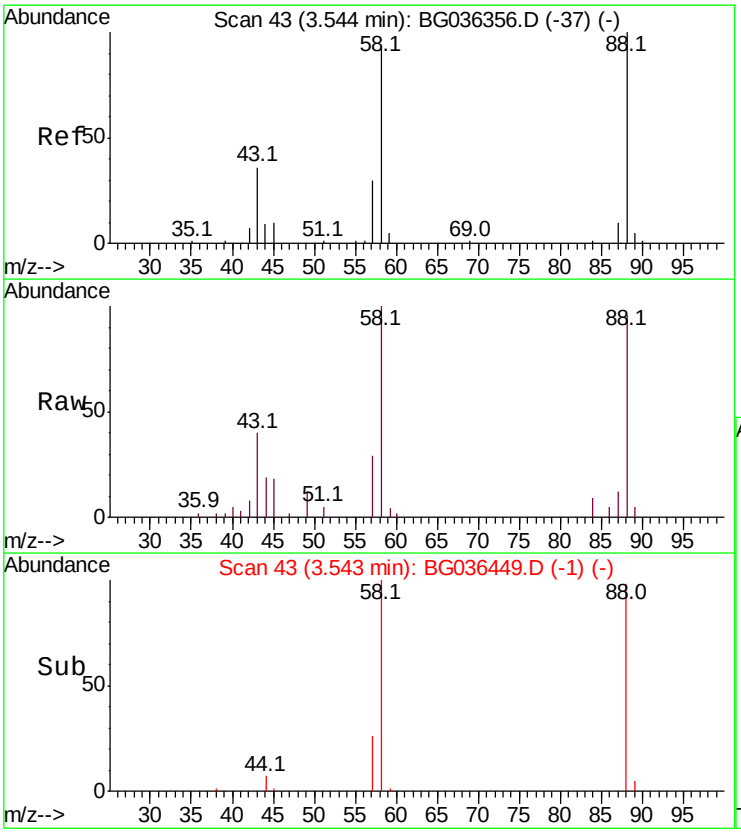
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036449.D
Acq: 28 Aug 2018 3:47

Instrument :
BNA_G
ClientSampleId :
DSN-001A-082218

Tgt Ion:152 Resp: 64768

Ion	Ratio	Lower	Upper
152	100		
150	149.3	119.5	179.3
115	58.4	44.5	66.7

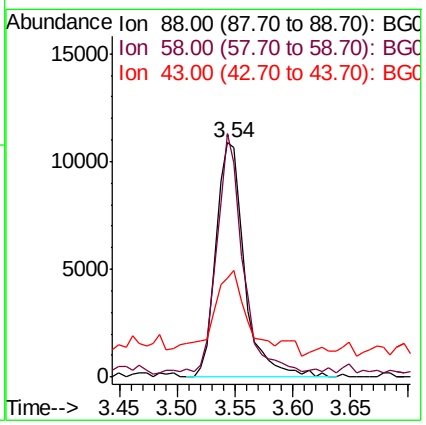


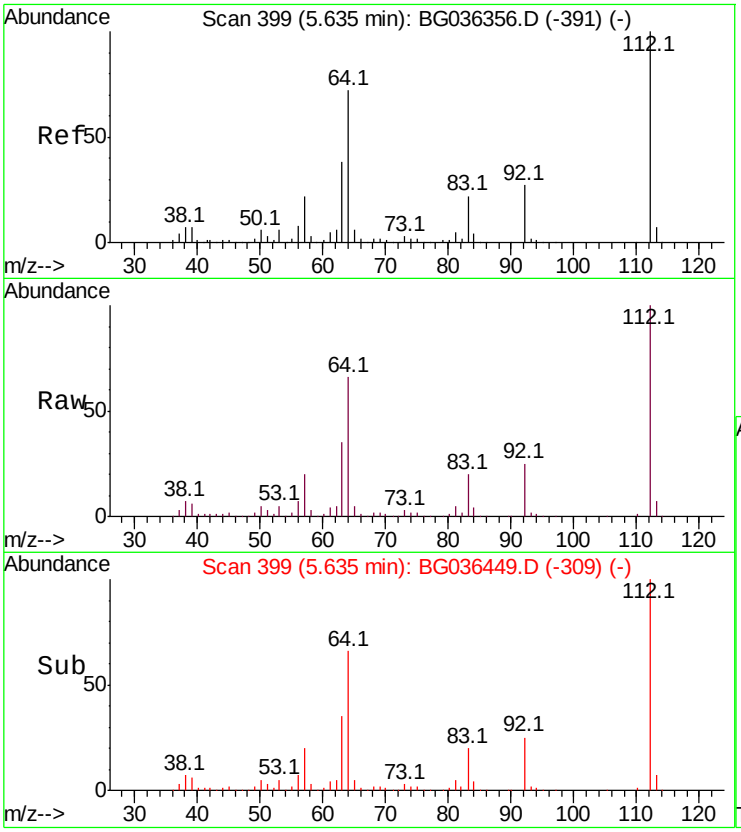


#2
1,4-Dioxane
Concen: 9.741 ng
RT: 3.54 min Scan# 43
Delta R.T. -0.00 min
Lab File: BG036449.D
Acq: 28 Aug 2018 3:47

Tgt Ion: 88 Resp: 18562

Ion	Ratio	Lower	Upper
88	100		
58	93.6	72.6	109.0
43	33.9	29.0	43.4



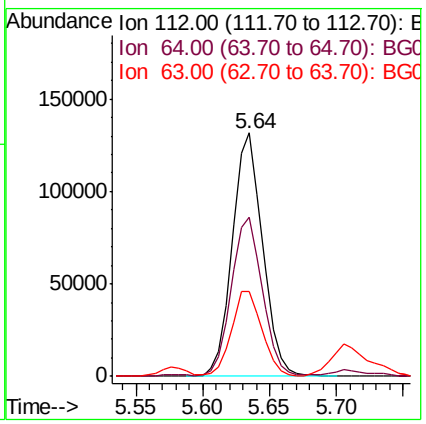


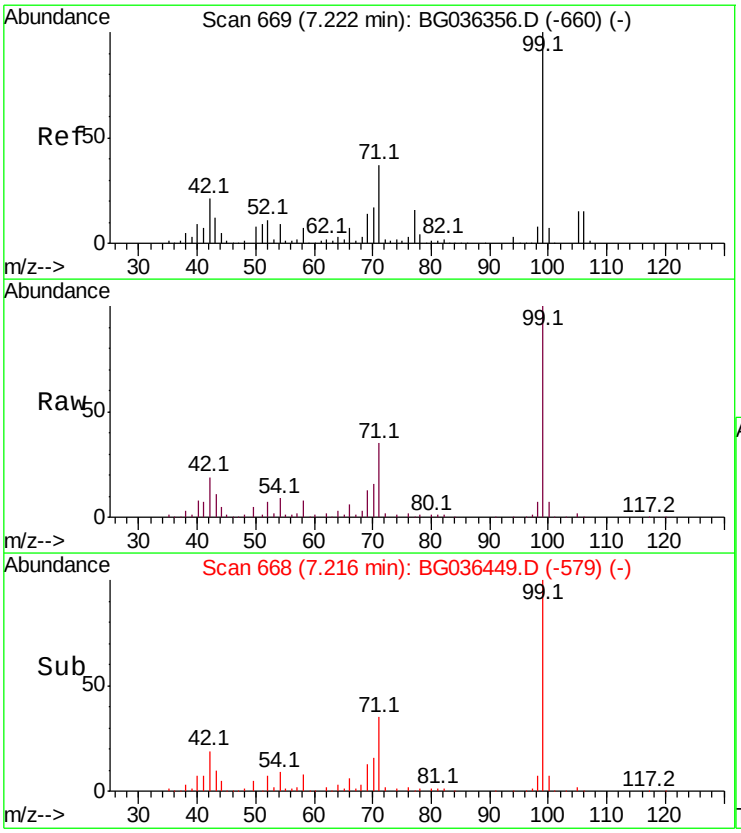
#5
2-Fluorophenol
Concen: 50.727 ng
RT: 5.64 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG036449.D
Acq: 28 Aug 2018 3:47

Instrument :
BNA_G
ClientSampleId :
DSN-001A-082218

Tgt Ion:112 Resp: 207115

Ion	Ratio	Lower	Upper
112	100		
64	65.6	57.2	85.8
63	35.1	30.8	46.2

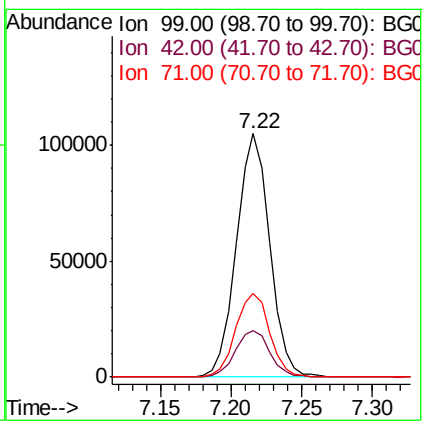


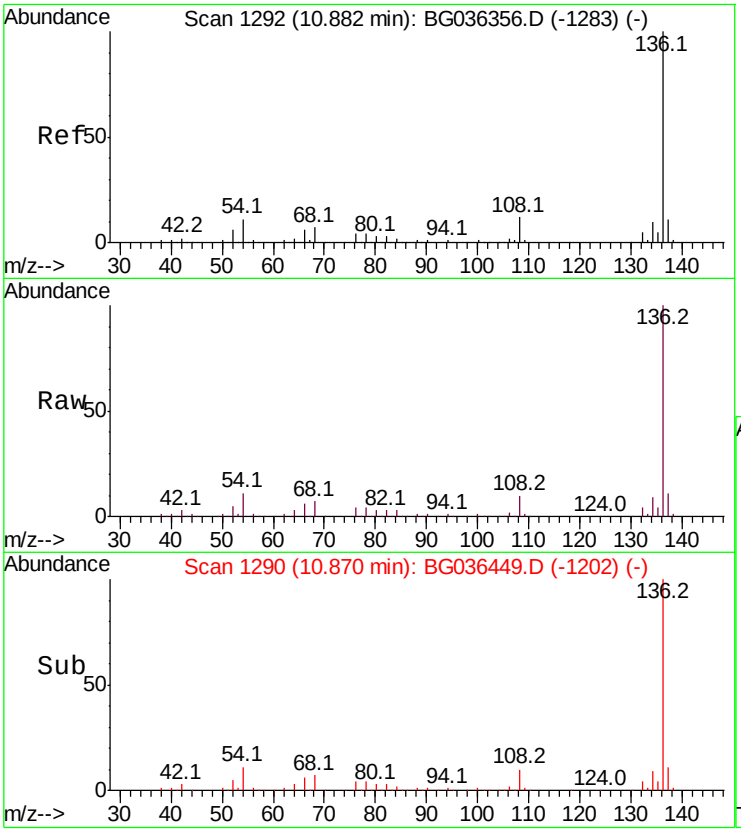


#7
Phenol-d6
Concen: 29.610 ng
RT: 7.22 min Scan# 668
Delta R.T. -0.01 min
Lab File: BG036449.D
Acq: 28 Aug 2018 3:47

Tgt Ion: 99 Resp: 173096

Ion	Ratio	Lower	Upper
99	100		
42	19.2	16.5	24.7
71	34.6	29.4	44.2



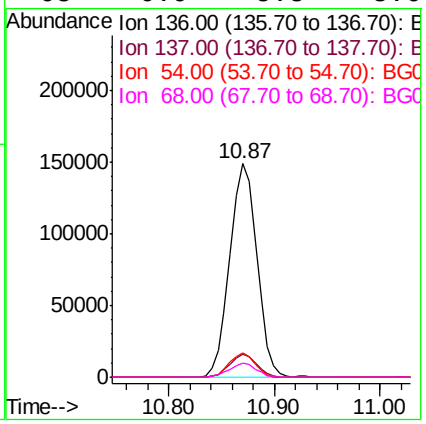


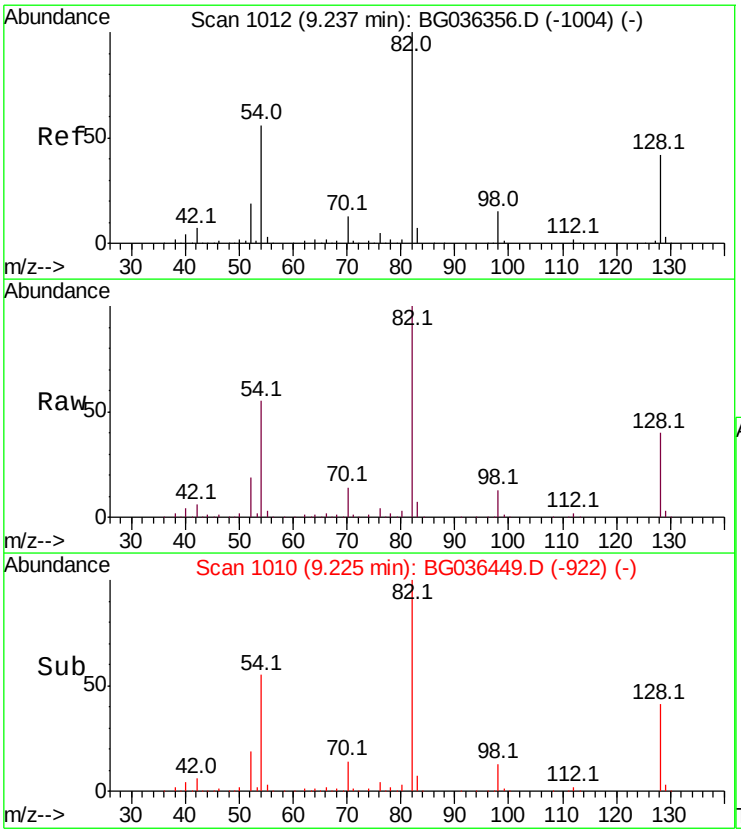
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036449.D
Acq: 28 Aug 2018 3:47

Instrument :
BNA_G
ClientSampleId :
DSN-001A-082218

Tgt Ion:136 Resp: 264747

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	11.3	9.2	13.8
68	6.9	5.8	8.6

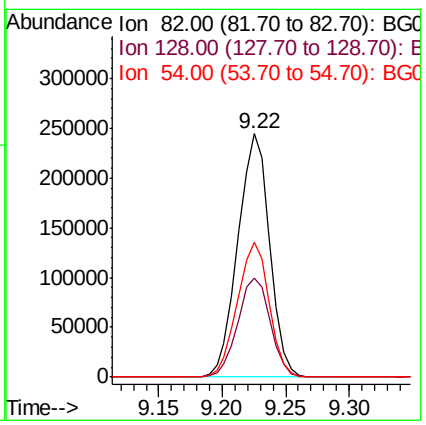


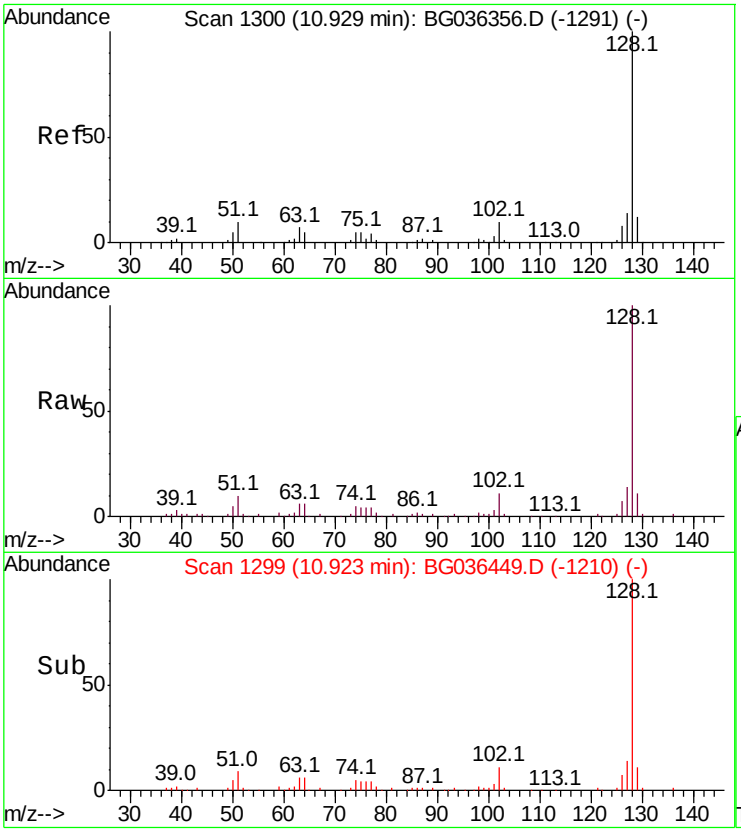


#23
Nitrobenzene-d5
Concen: 87.040 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036449.D
Acq: 28 Aug 2018 3:47

Tgt Ion: 82 Resp: 424715

Ion	Ratio	Lower	Upper
82	100		
128	40.5	33.3	49.9
54	55.4	45.1	67.7



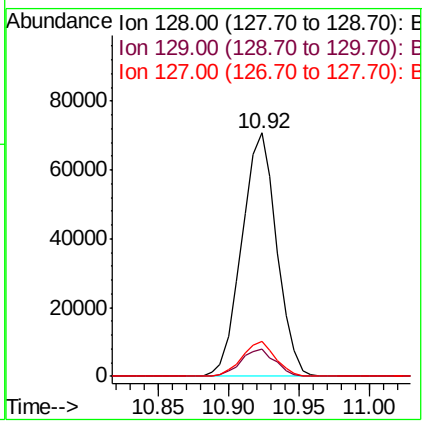


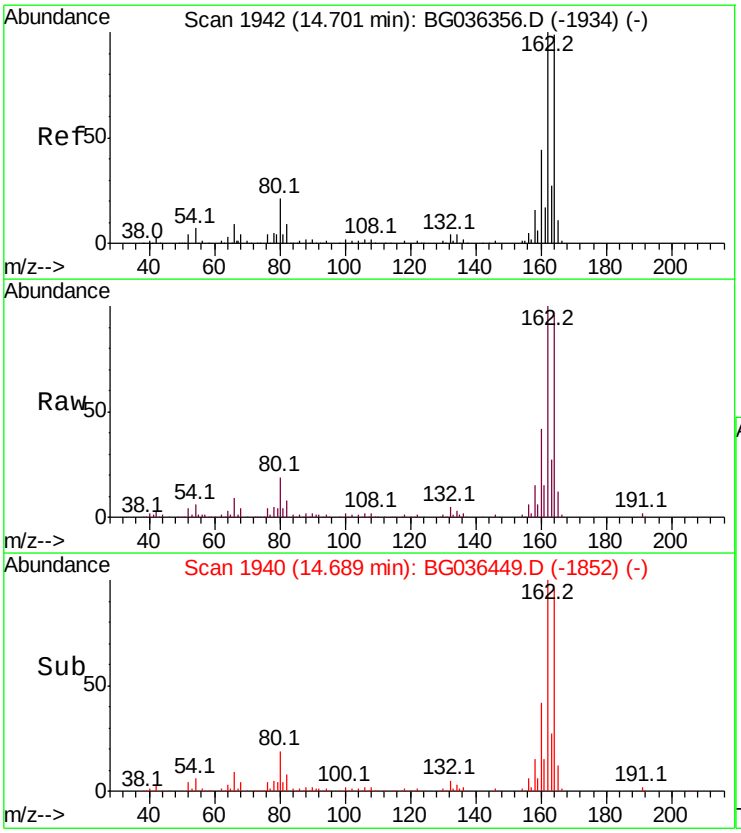
#31
Naphthalene
Concen: 9.290 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG036449.D
Acq: 28 Aug 2018 3:47

Instrument :
BNA_G
ClientSampleId :
DSN-001A-082218

Tgt Ion:128 Resp: 122943

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	14.2	11.0	16.4

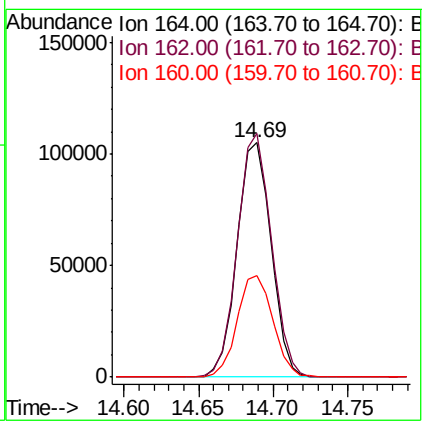


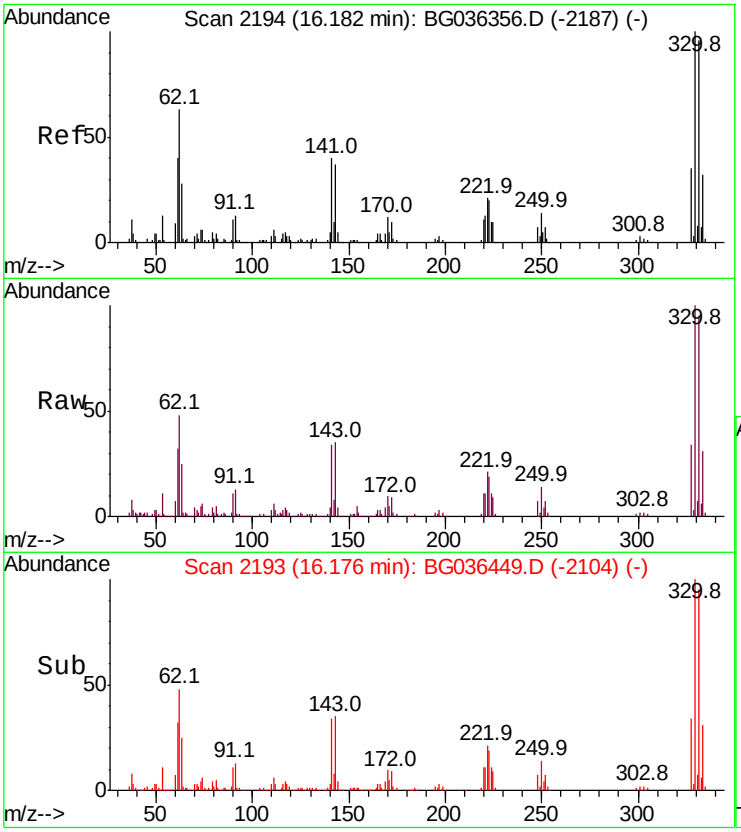


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG036449.D
Acq: 28 Aug 2018 3:47

Tgt Ion:164 Resp: 165806

Ion	Ratio	Lower	Upper
164	100		
162	103.9	80.7	121.1
160	43.2	35.3	52.9



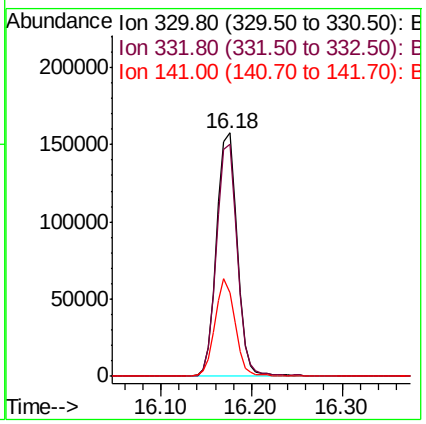


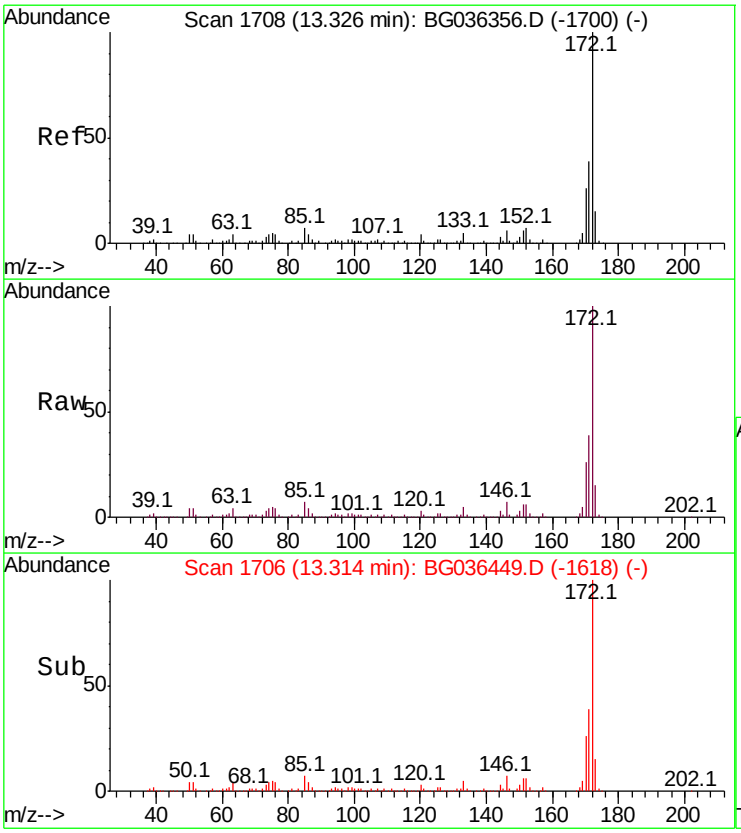
#41
2,4,6-Tribromophenol
Concen: 125.810 ng
RT: 16.18 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG036449.D
Acq: 28 Aug 2018 3:47

Instrument :
BNA_G
ClientSampleId :
DSN-001A-082218

Tgt Ion:330 Resp: 248907

Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.4	113.2
141	38.8	30.7	46.1

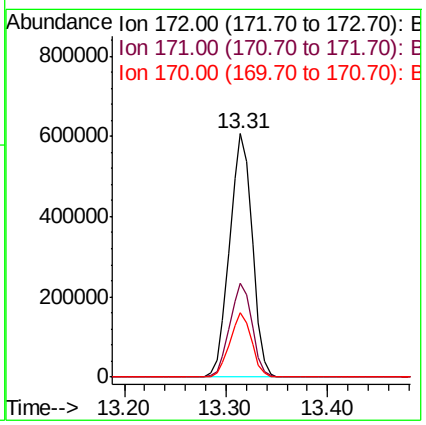


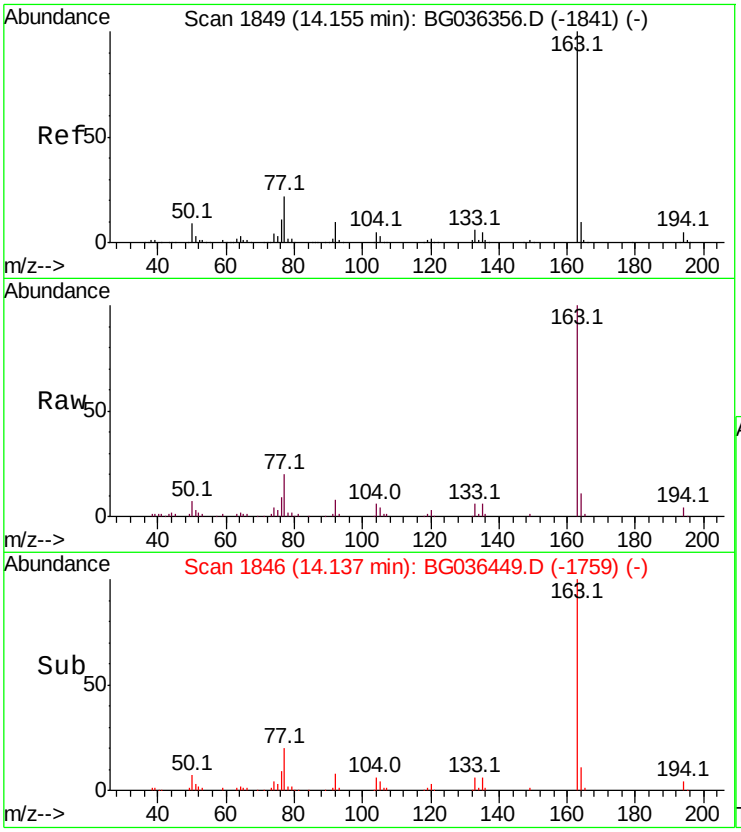


#44
2-Fluorobiphenyl
Concen: 80.828 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BG036449.D
Acq: 28 Aug 2018 3:47

Tgt Ion:172 Resp: 938615

Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.3	46.9
170	26.3	21.0	31.6



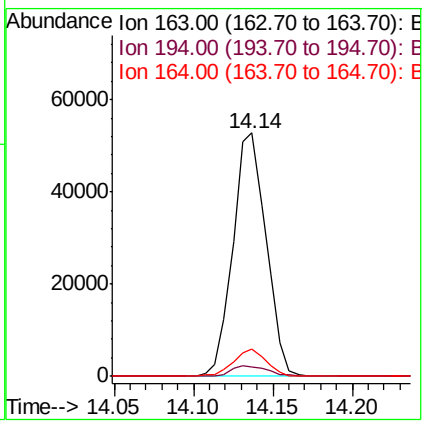


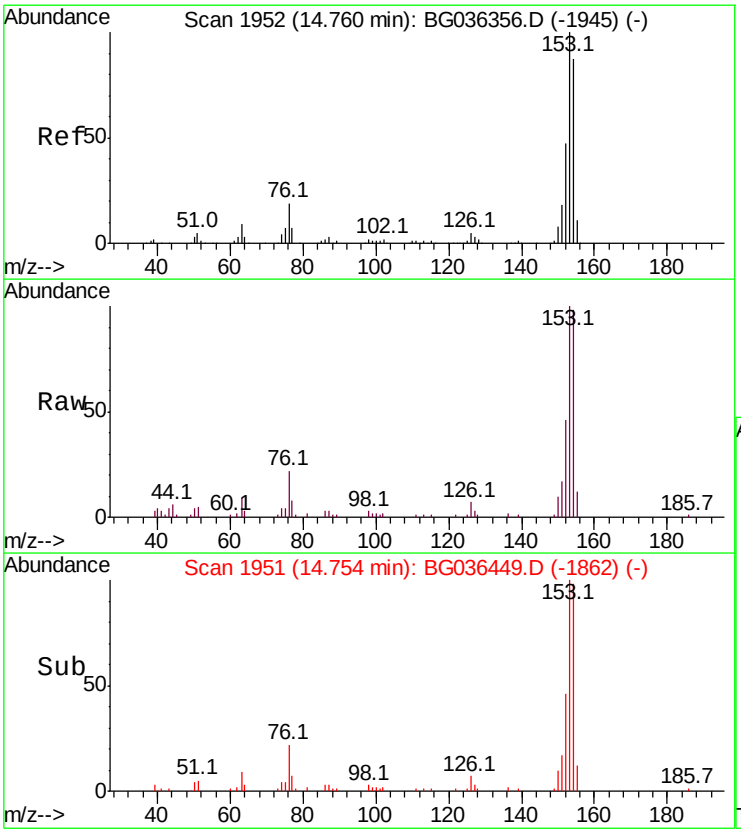
#49
Dimethylphthalate
Concen: 5.651 ng
RT: 14.14 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BG036449.D
Acq: 28 Aug 2018 3:47

Instrument :
BNA_G
ClientSampleId :
DSN-001A-082218

Tgt Ion:163 Resp: 76507

Ion	Ratio	Lower	Upper
163	100		
194	4.0	4.0	6.0
164	11.1	8.1	12.1

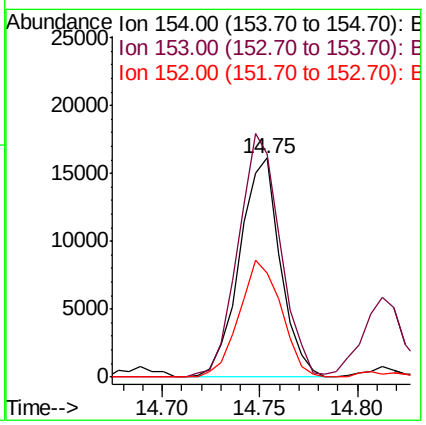


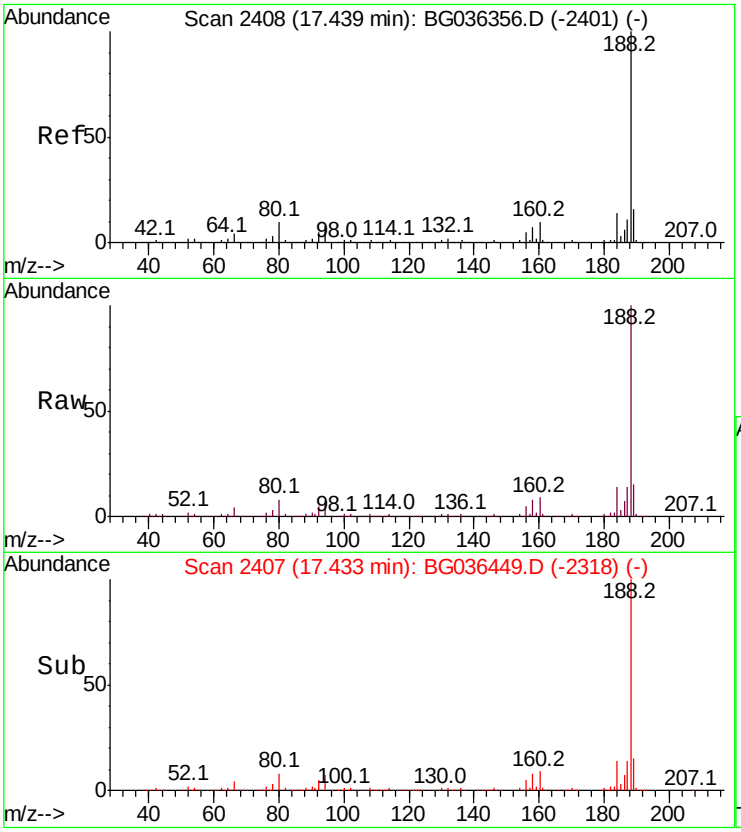


#51
Acenaphthene
Concen: 2.213 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG036449.D
Acq: 28 Aug 2018 3:47

Tgt Ion:154 Resp: 23276

Ion	Ratio	Lower	Upper
154	100		
153	102.0	91.8	137.6
152	47.3	43.5	65.3



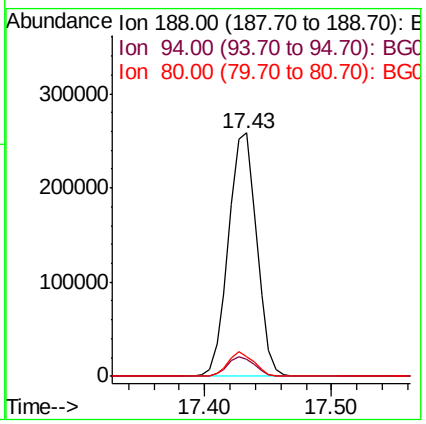


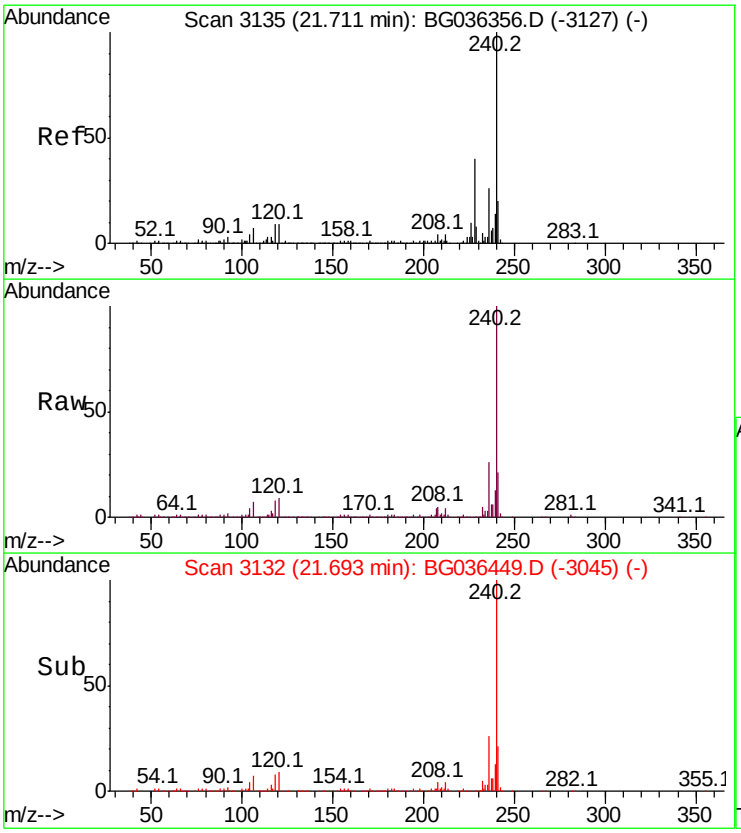
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG036449.D
Acq: 28 Aug 2018 3:47

Instrument :
BNA_G
ClientSampleId :
DSN-001A-082218

Tgt Ion:188 Resp: 396626

Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.7	10.1
80	8.3	8.1	12.1

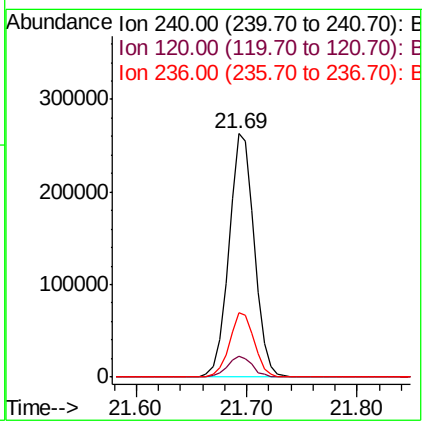


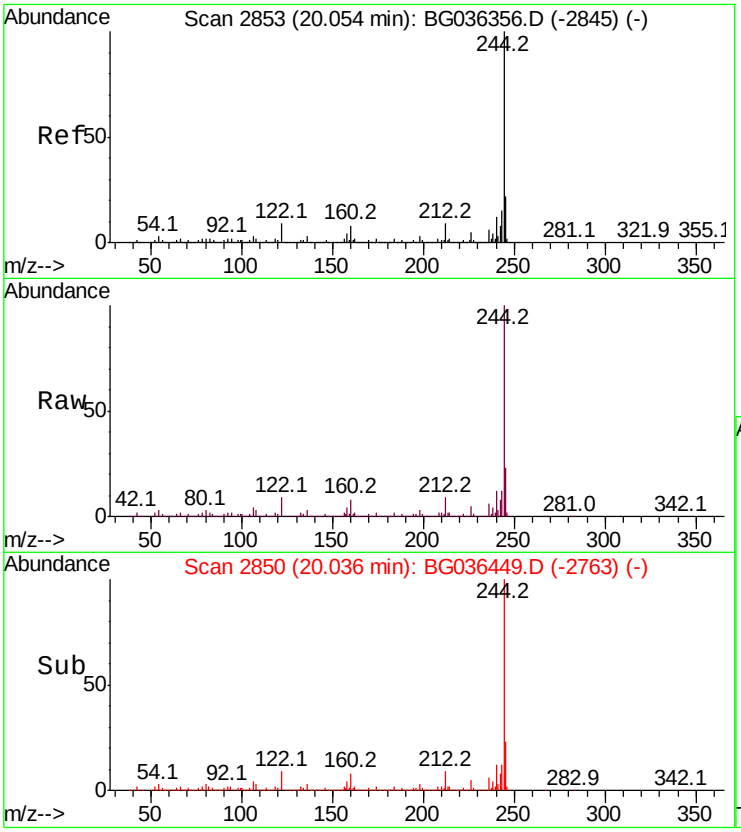


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.02 min
Lab File: BG036449.D
Acq: 28 Aug 2018 3:47

Tgt Ion:240 Resp: 421689

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.9	10.3
236	26.2	21.2	31.8



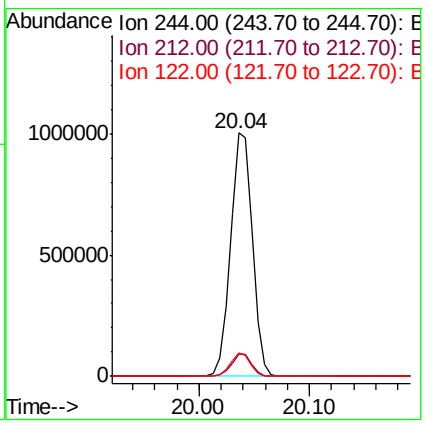


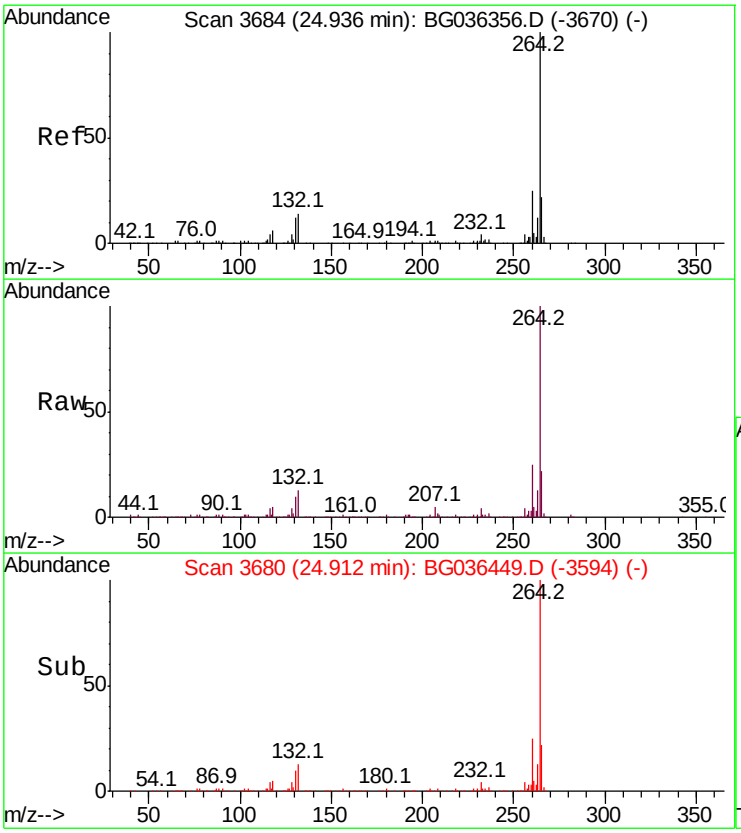
#78
Terphenyl-d14
Concen: 77.265 ng
RT: 20.04 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BG036449.D
Acq: 28 Aug 2018 3:47

Instrument :
BNA_G
ClientSampleId :
DSN-001A-082218

Tgt Ion:244 Resp: 1393959

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	9.5	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.02 min
Lab File: BG036449.D
Acq: 28 Aug 2018 3:47

Tgt Ion:264 Resp: 433955

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	21.8	17.4	26.0