Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090518\
Data File : BG036567.D
Acq On : 5 Sep 2018 19:17
Operator : JU/SJ
Sample : J4741-28
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A0C2-04-D

Quant Time: Sep 06 02:57:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	57703	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	245428	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	168534	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	424140	20.00	ng	0.00
75) Chrysene-d12	21.69	240	443828	20.00	ng	0.00
86) Perylene-d12	24.90	264	443723	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	177546	48.81	ng	0.00
7) Phenol-d6	7.21	99	207194	39.78	ng	-0.01
23) Nitrobenzene-d5	9.22	82	370027	81.80	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	267063	132.80	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	883482	74.85	ng	0.00
78) Terphenyl-d14	20.03	244	1501184	79.06	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.91	128	441042	35.949	ng	99
37) 2-Methylnaphthalene	12.51	142	52725	5.873	ng	95
49) Dimethylphthalate	14.13	163	157281	11.429	ng	99
51) Acenaphthene	14.75	154	25345	2.371	ng	90
57) Fluorene	15.73	166	26399	2.109	ng	93
70) Phenanthrene	17.47	178	55964	2.597	ng	95

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

Quantitation Report (QT/LSC Reviewed)

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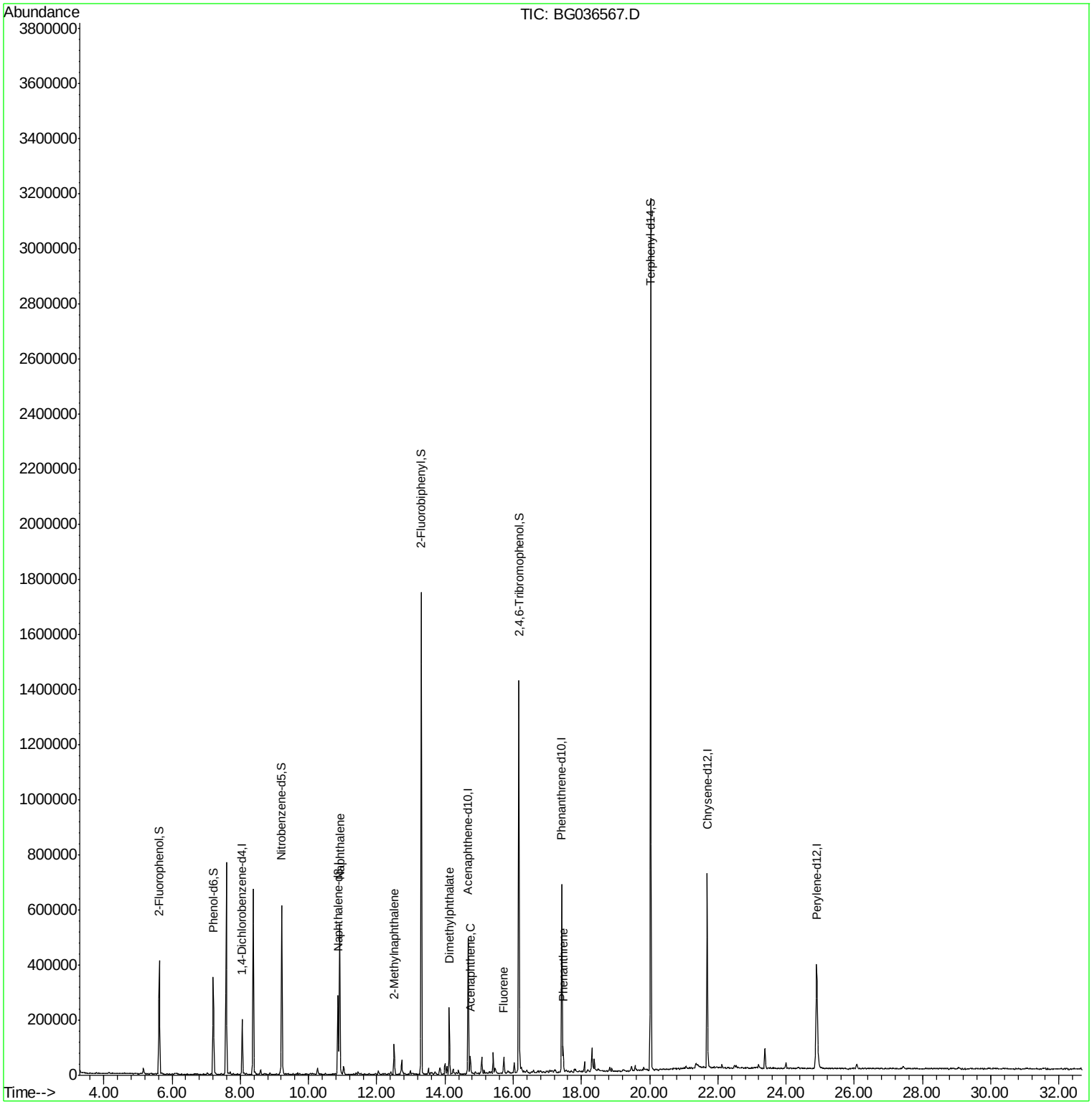
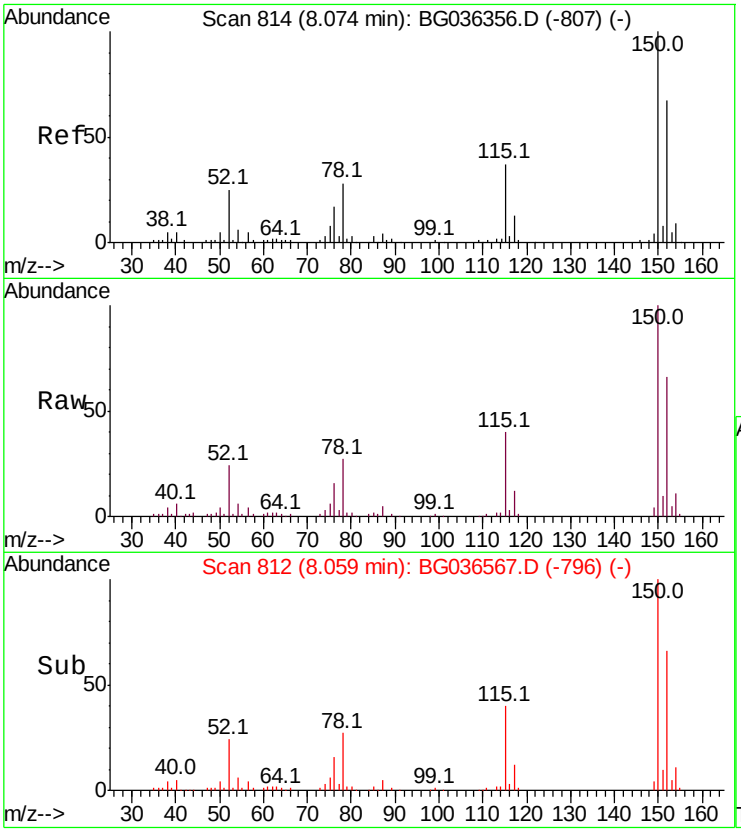


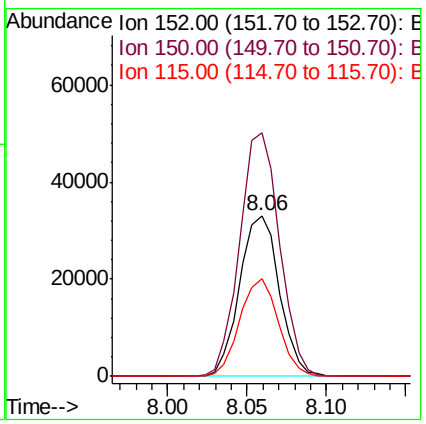


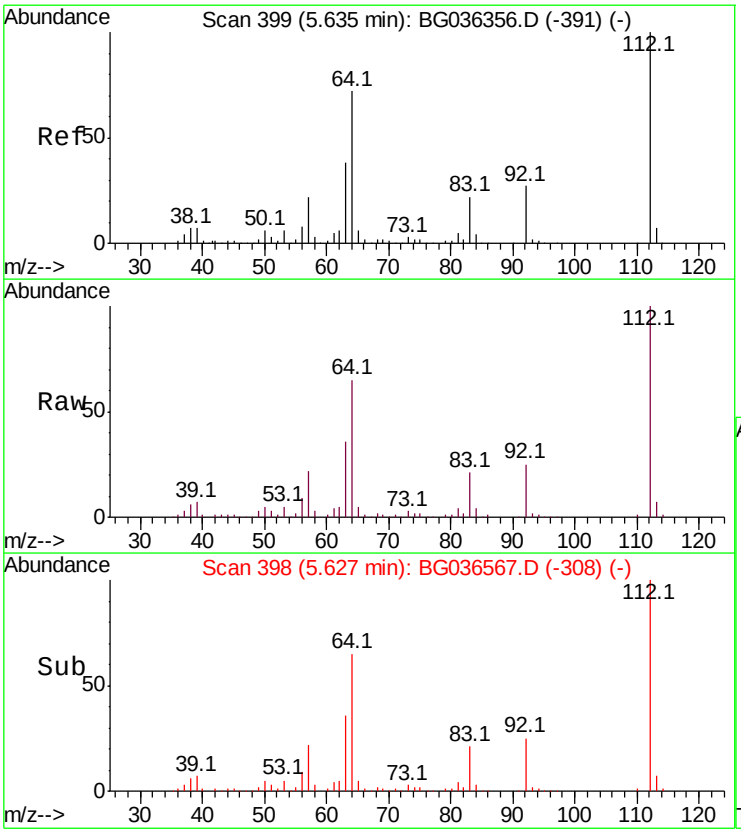
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Instrument :
BNA_G
ClientSampleId :
A0C2-04-D

Tgt Ion:152 Resp: 57703

Ion	Ratio	Lower	Upper
152	100		
150	151.7	119.5	179.3
115	60.5	44.5	66.7

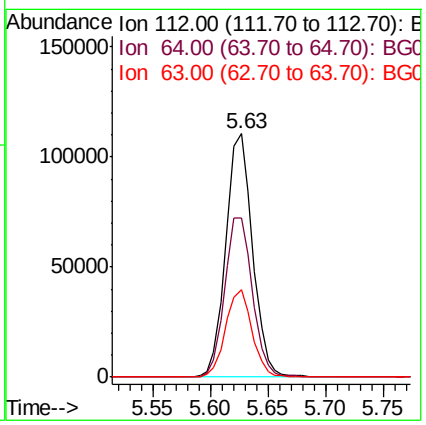


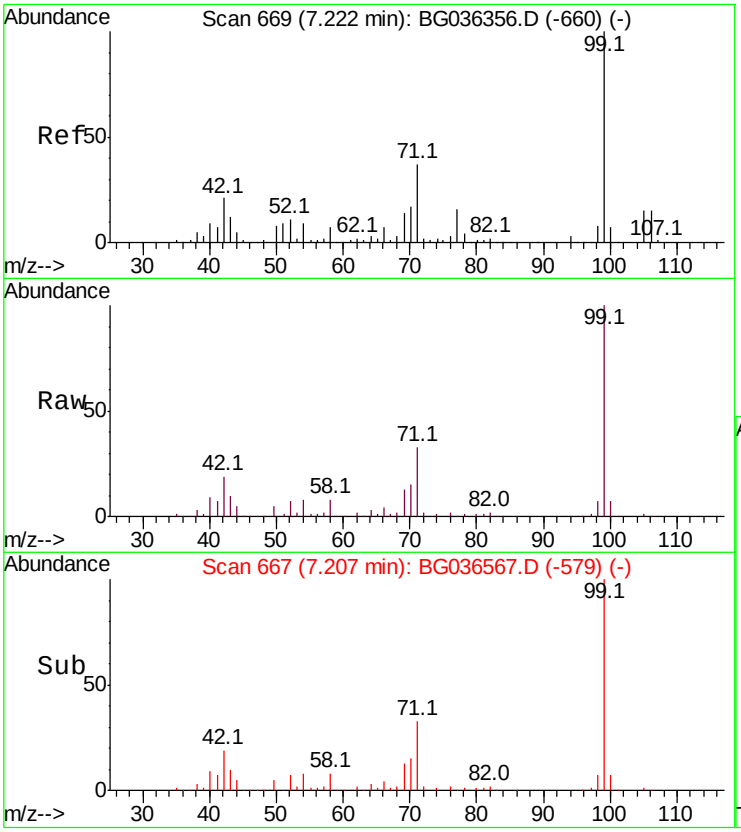


#5
2-Fluorophenol
Concen: 48.809 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Tgt Ion:112 Resp: 177546

Ion	Ratio	Lower	Upper
112	100		
64	65.3	57.2	85.8
63	35.8	30.8	46.2



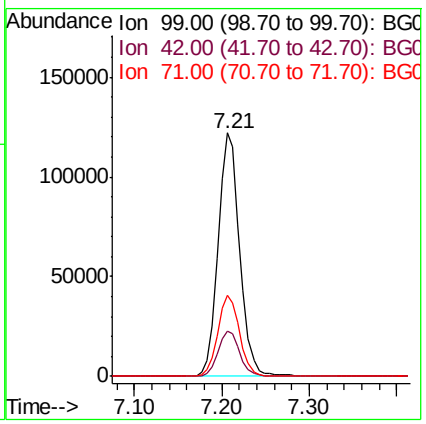


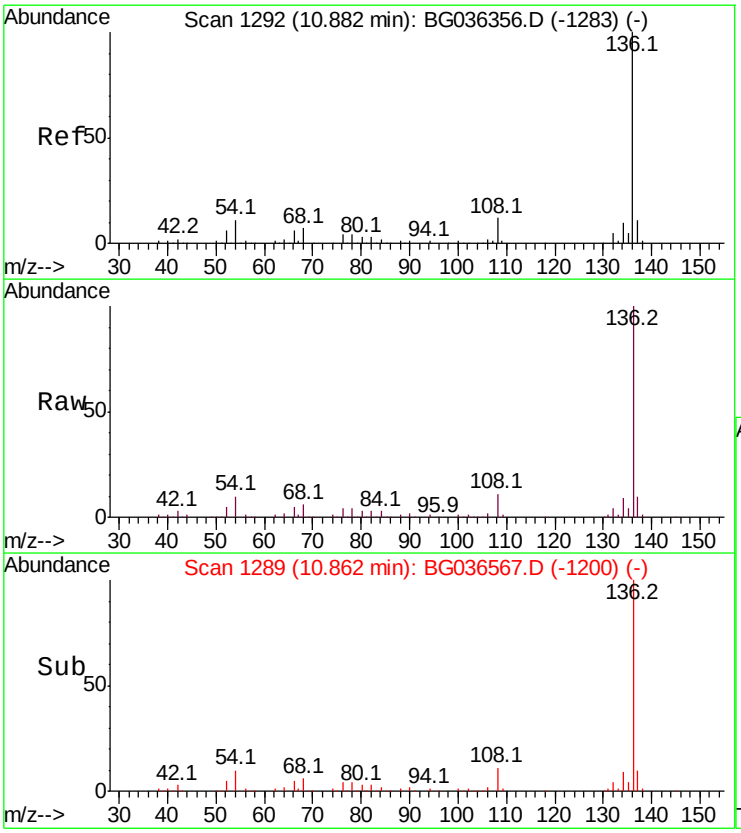
#7
Phenol-d6
Concen: 39.783 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Instrument :
BNA_G
ClientSampleId :
A0C2-04-D

Tgt Ion: 99 Resp: 207194

Ion	Ratio	Lower	Upper
99	100		
42	18.8	16.5	24.7
71	33.2	29.4	44.2

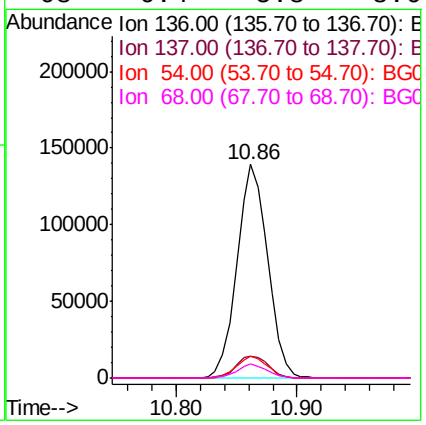


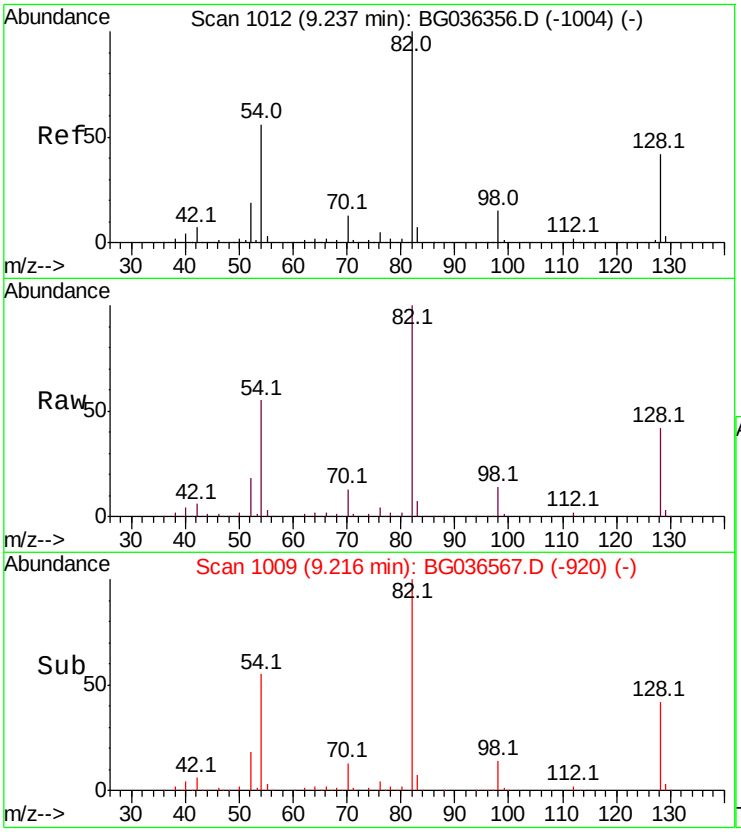


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Tgt Ion:136 Resp: 245428

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	10.0	9.2	13.8
68	6.4	5.8	8.6



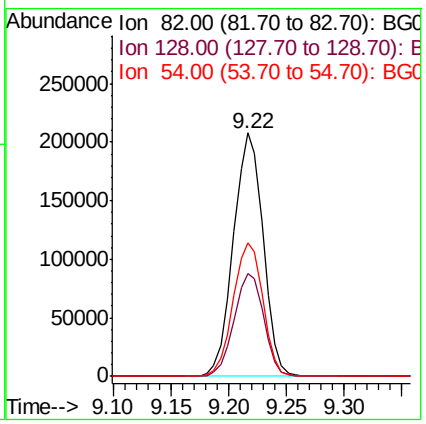


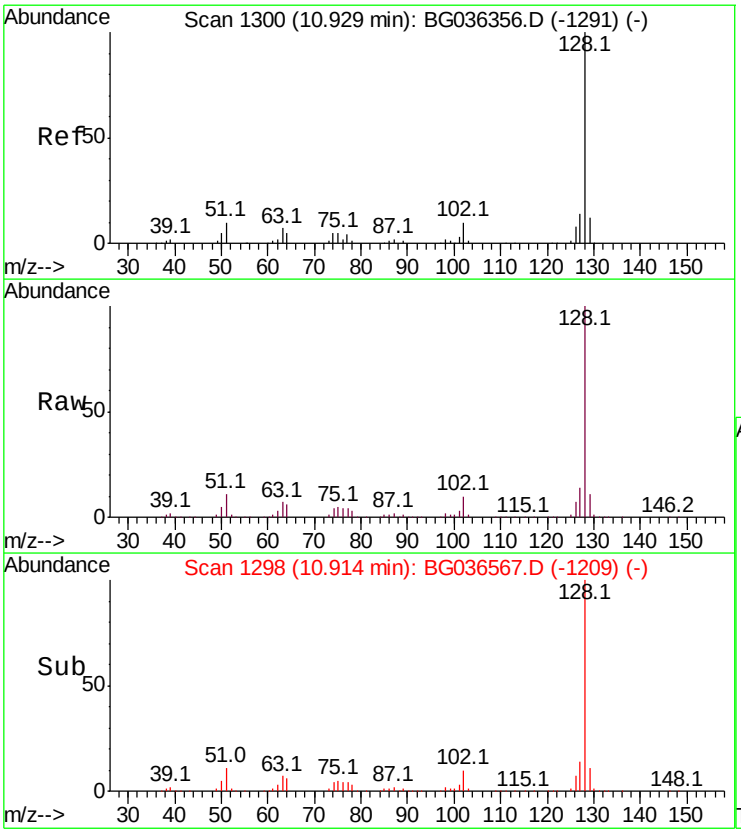
#23
Nitrobenzene-d5
Concen: 81.802 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Instrument :
BNA_G
ClientSampleId :
A0C2-04-D

Tgt Ion: 82 Resp: 370027

Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.3	49.9
54	55.0	45.1	67.7

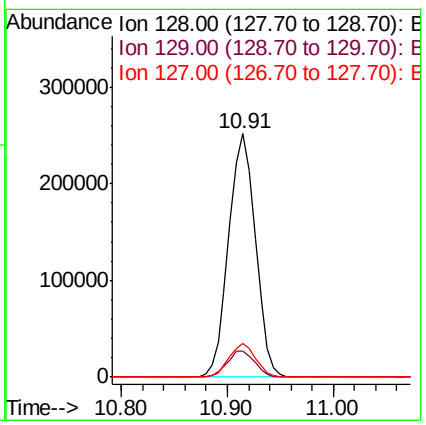


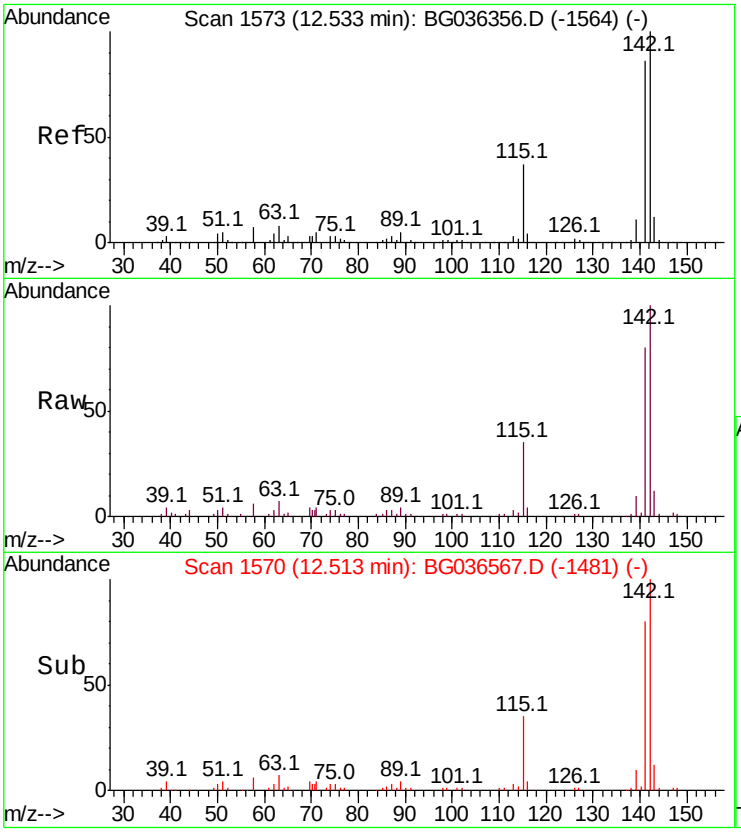


#31
Naphthalene
Concen: 35.949 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Tgt Ion:128 Resp: 441042

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.2
127	14.0	11.0	16.4



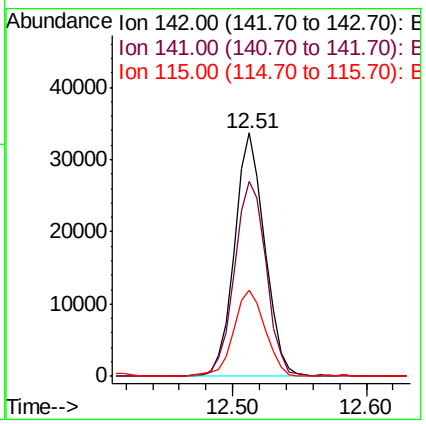


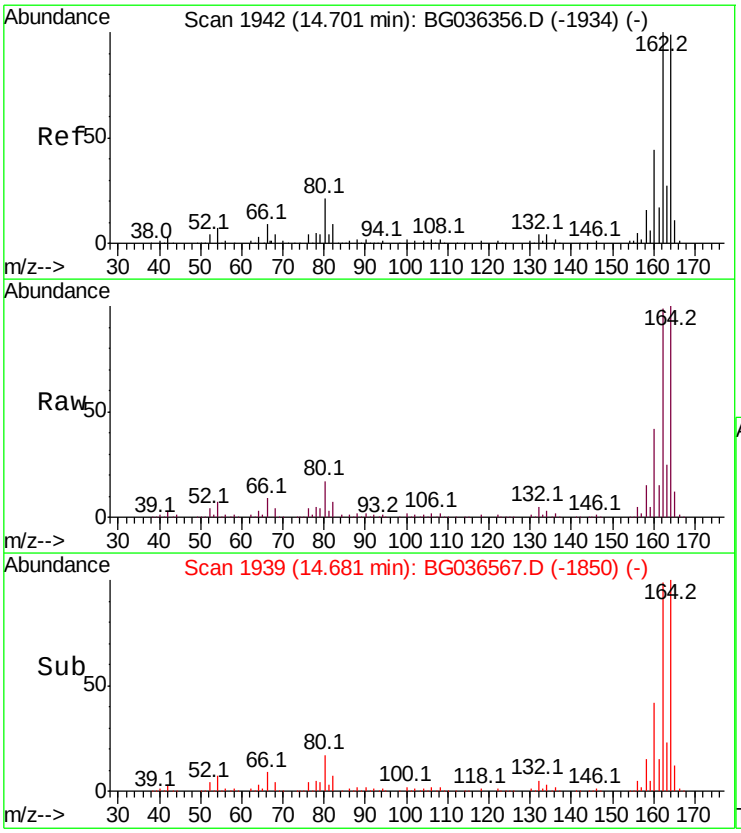
#37
2-Methylnaphthalene
Concen: 5.873 ng
RT: 12.51 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Instrument :
BNA_G
ClientSampleId :
A0C2-04-D

Tgt Ion:142 Resp: 52725

Ion	Ratio	Lower	Upper
142	100		
141	79.9	68.5	102.7
115	35.2	29.8	44.8

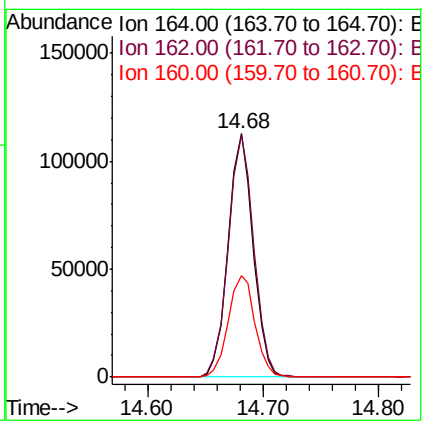


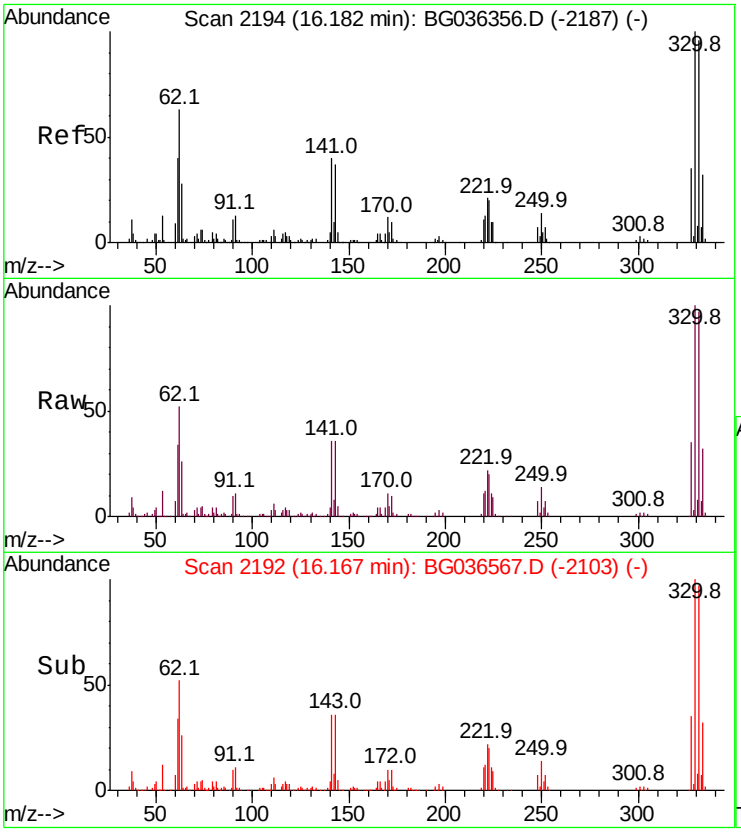


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Tgt Ion:164 Resp: 168534

Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.7	121.1
160	41.7	35.3	52.9



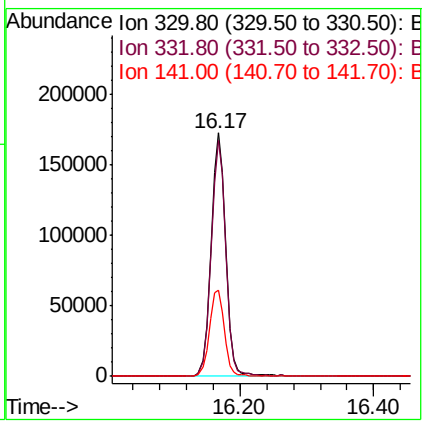


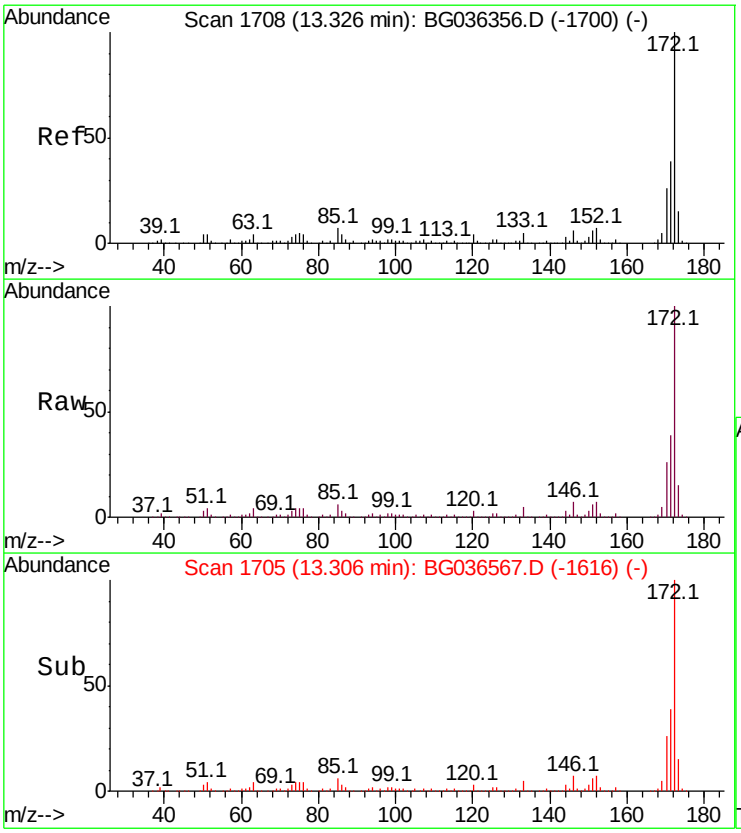
#41
2,4,6-Tribromophenol
Concen: 132.802 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Instrument :
BNA_G
ClientSampleId :
A0C2-04-D

Tgt Ion:330 Resp: 267063

Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.4	113.2
141	36.4	30.7	46.1

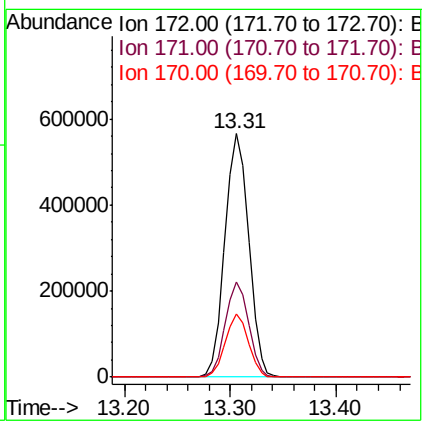


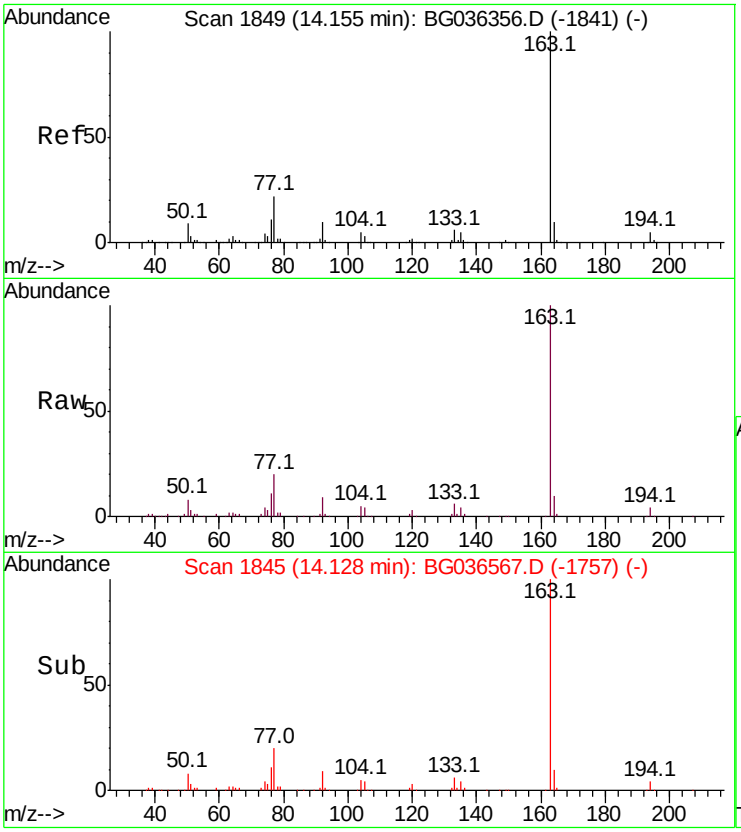


#44
2-Fluorobiphenyl
Concen: 74.849 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Tgt Ion:172 Resp: 883482

Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.3	46.9
170	26.2	21.0	31.6



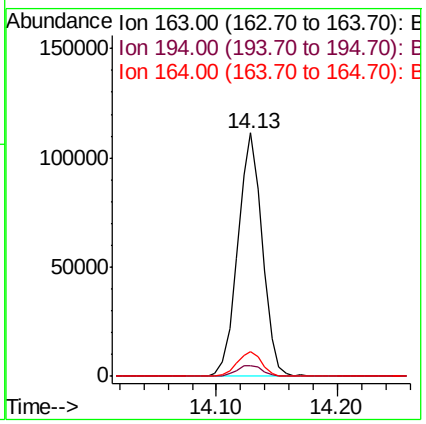


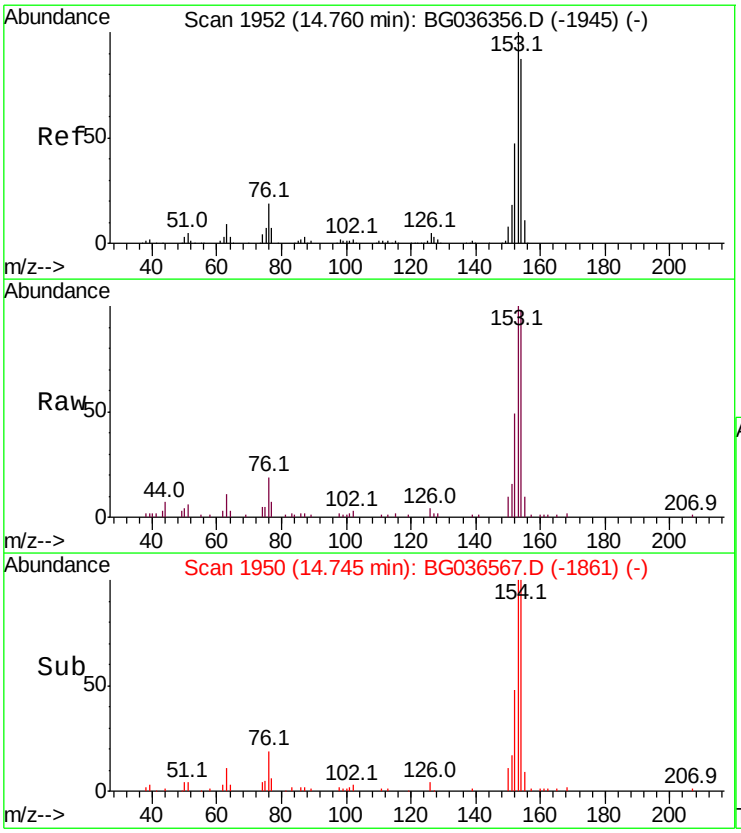
#49
Dimethylphthalate
Concen: 11.429 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Instrument :
BNA_G
ClientSampleId :
A0C2-04-D

Tgt Ion:163 Resp: 157281

Ion	Ratio	Lower	Upper
163	100		
194	4.3	4.0	6.0
164	10.1	8.1	12.1

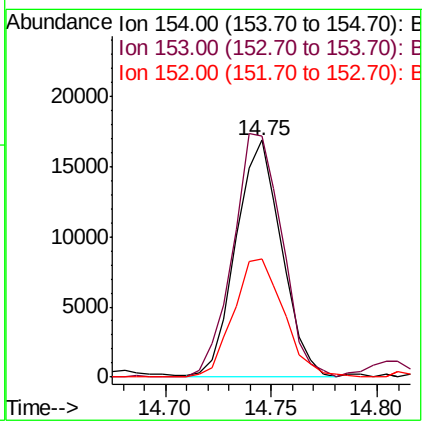


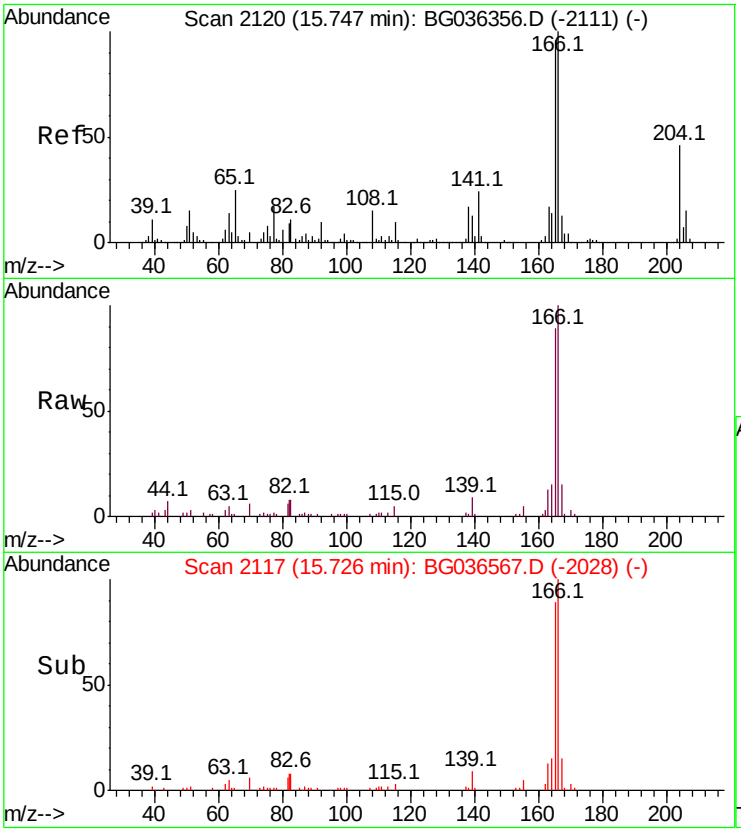


#51
Acenaphthene
Concen: 2.371 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Tgt Ion:154 Resp: 25345

Ion	Ratio	Lower	Upper
154	100		
153	101.9	91.8	137.6
152	49.8	43.5	65.3



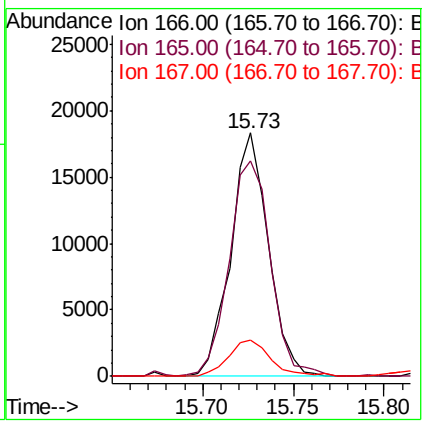


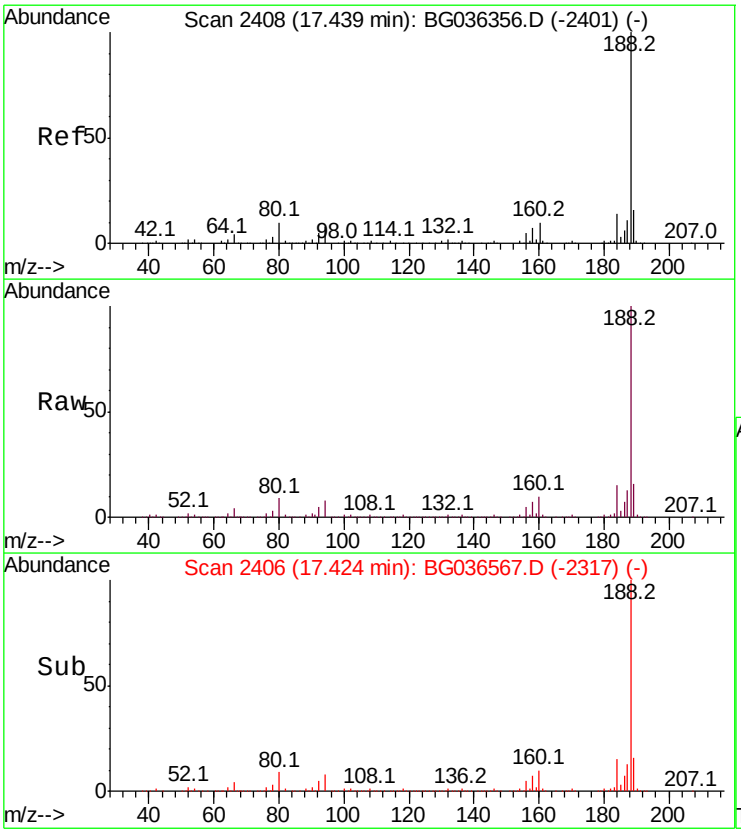
#57
Fluorene
Concen: 2.109 ng
RT: 15.73 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Instrument :
BNA_G
ClientSampleId :
A0C2-04-D

Tgt Ion:166 Resp: 26399

Ion	Ratio	Lower	Upper
166	100		
165	88.6	77.0	115.4
167	14.6	10.6	16.0

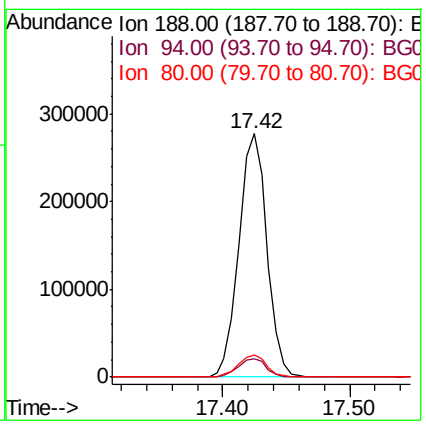


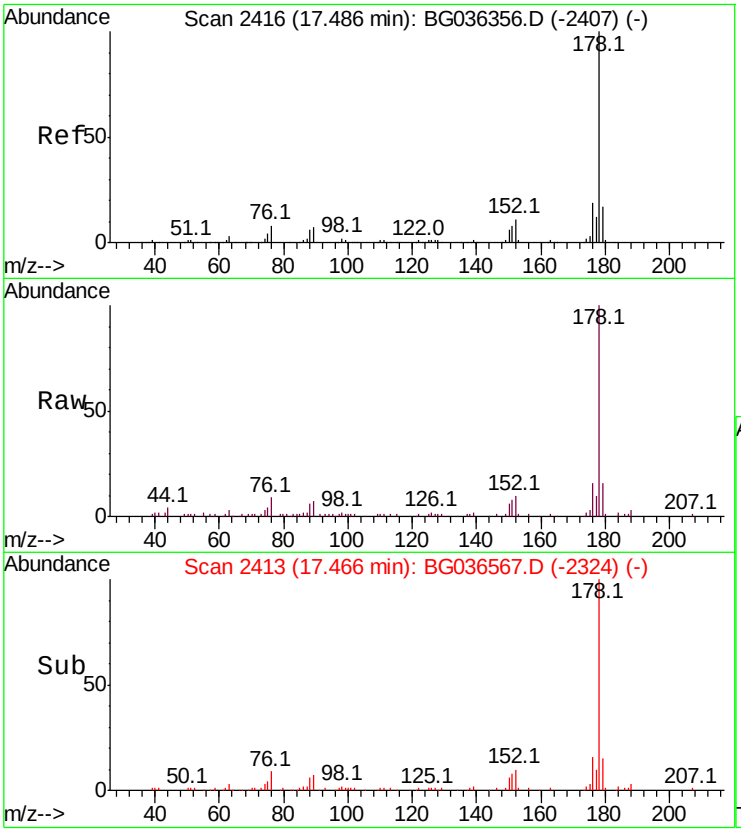


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Tgt Ion:188 Resp: 424140

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	9.0	8.1	12.1



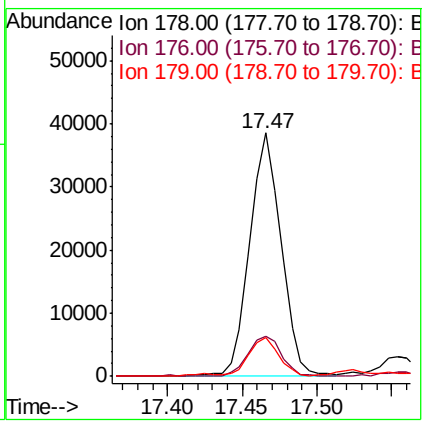


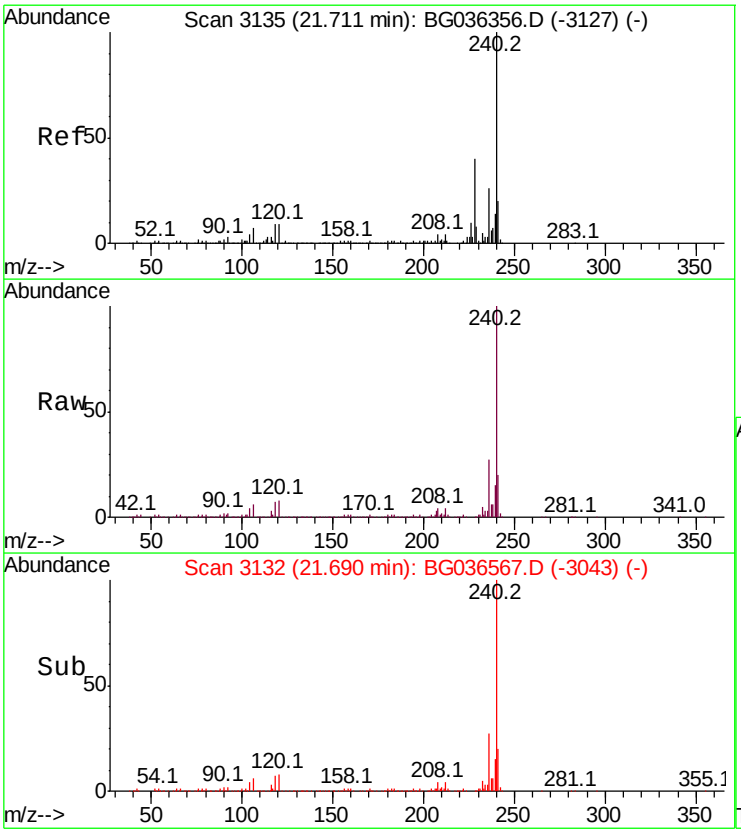
#70
Phenanthrene
Concen: 2.597 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Instrument :
BNA_G
ClientSampleId :
A0C2-04-D

Tgt Ion:178 Resp: 55964

Ion	Ratio	Lower	Upper
178	100		
176	16.4	15.4	23.2
179	15.7	13.4	20.2

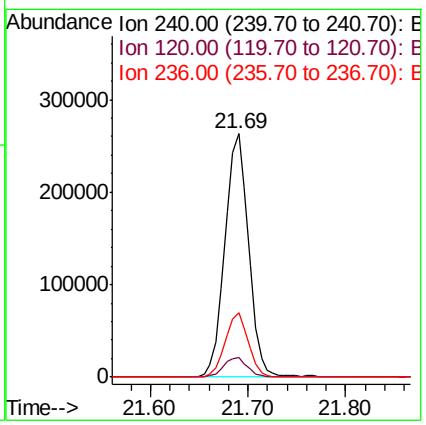


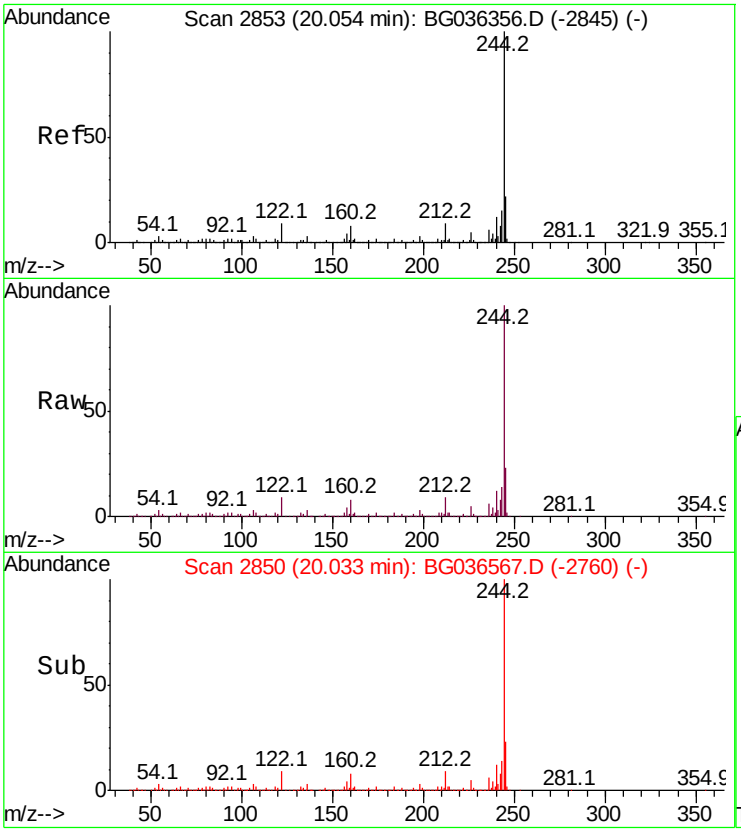


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Tgt Ion:240 Resp: 443828

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.9	10.3
236	26.7	21.2	31.8



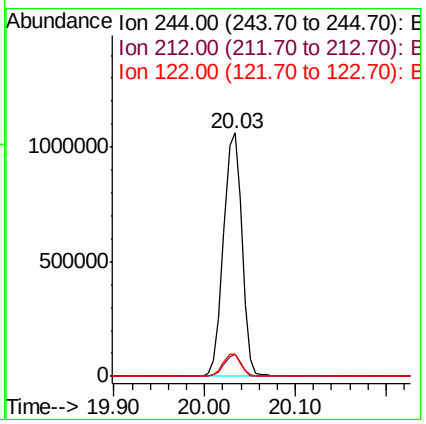


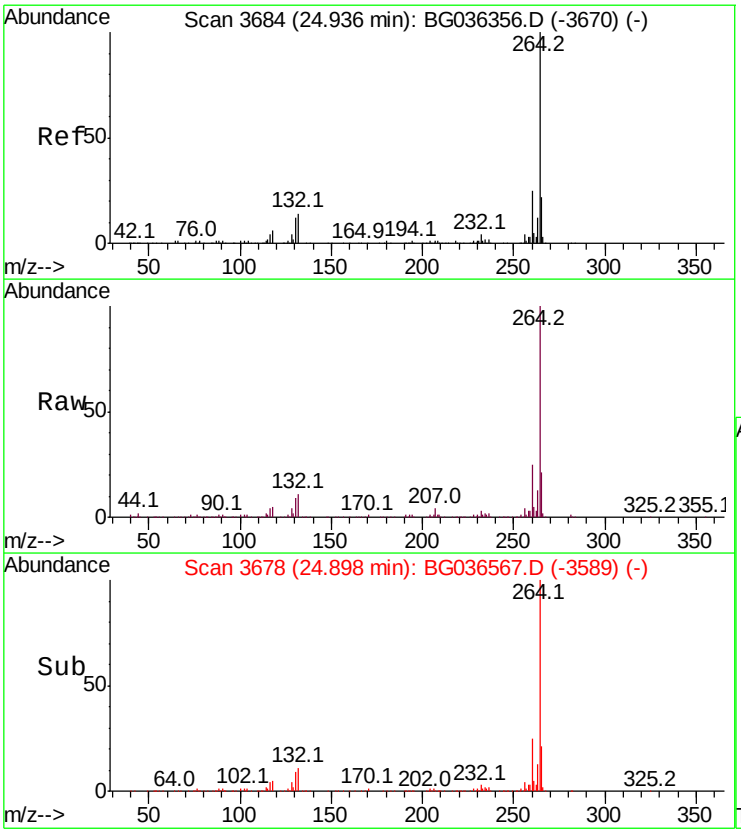
#78
Terphenyl-d14
Concen: 79.057 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Instrument :
BNA_G
ClientSampleId :
A0C2-04-D

Tgt Ion:244 Resp: 1501184

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.6
122	8.9	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Tgt Ion:264 Resp: 443723

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.6	29.4
265	21.5	17.4	26.0