Quantitation Report (Not 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 :

Quant Time: Sep 06 02:44:56 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
19) n-Nitroso-di-n-propylamine	9.22	70	49433	12.700	ng	#	71
31) Naphthalene	10.91	128	441042	35.949	ng		99
32) Benzoic acid	10.15	122	54	4.498	ng	#	52
33) 4-Chloroaniline	10.91	127	60112	10.692	ng	#	36
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
55) 4-Nitrophenol	15.07	139	11539	4.625	ng	#	2
56) 2,4-Dinitrotoluene	14.68	165	22766	6.169	ng	#	22
57) Fluorene	15.73	166	26399	2.109	ng		93
66) 4-Bromophenyl-phenylether	16.17	248	18371	3.699	ng	#	1
70) Phenanthrene	17.47	178	55964	2.597	ng		95

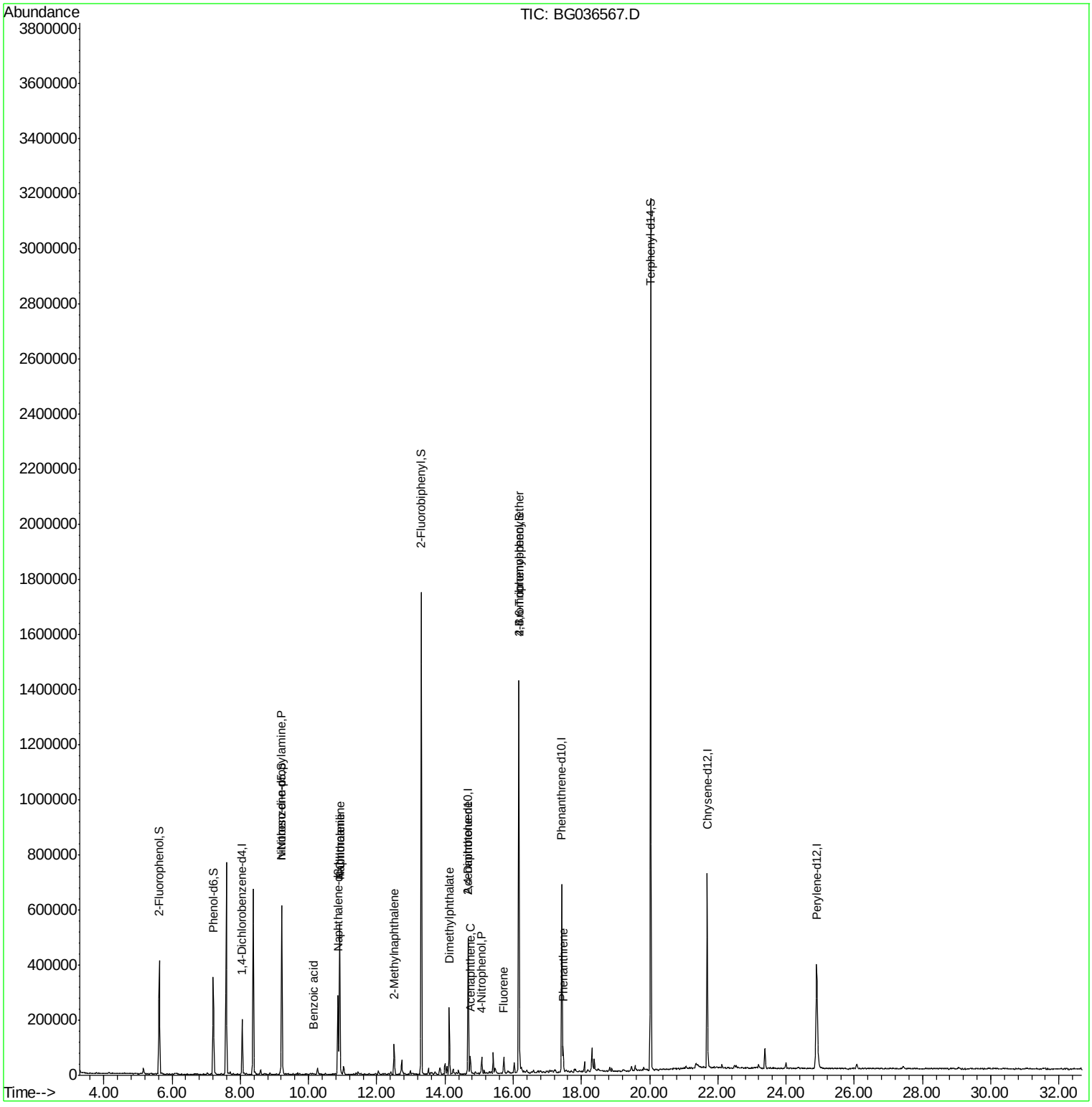
(#) = qualifier out of range (m) = manual integration (+) = signals summed

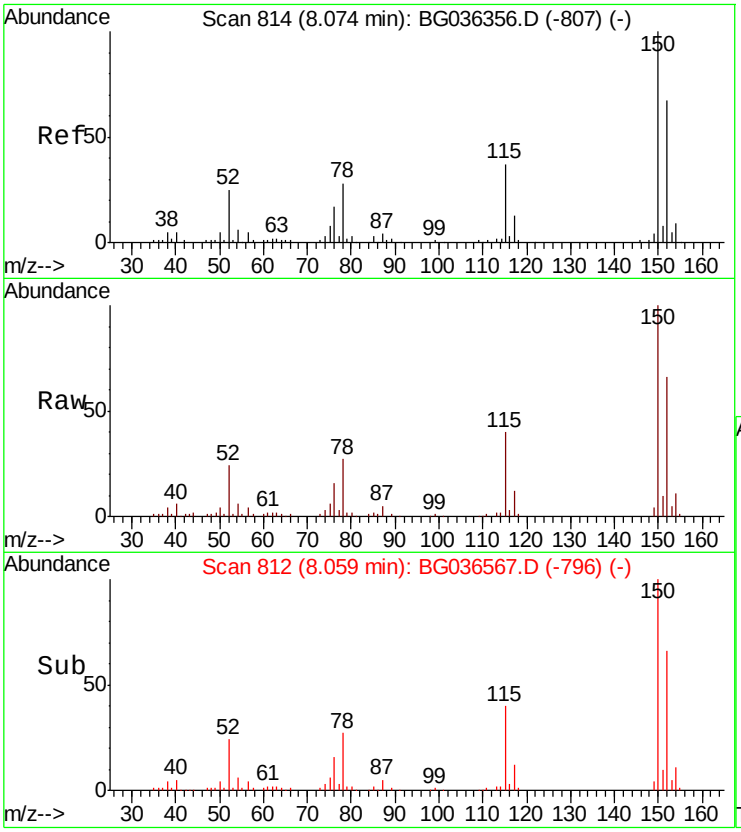
Quantitation Report (Not Reviewed)

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 :

Quant Time: Sep 06 02:44:56 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



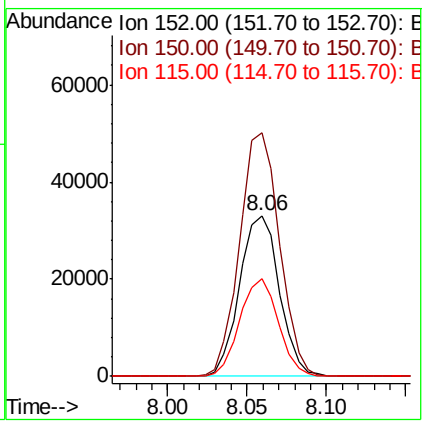


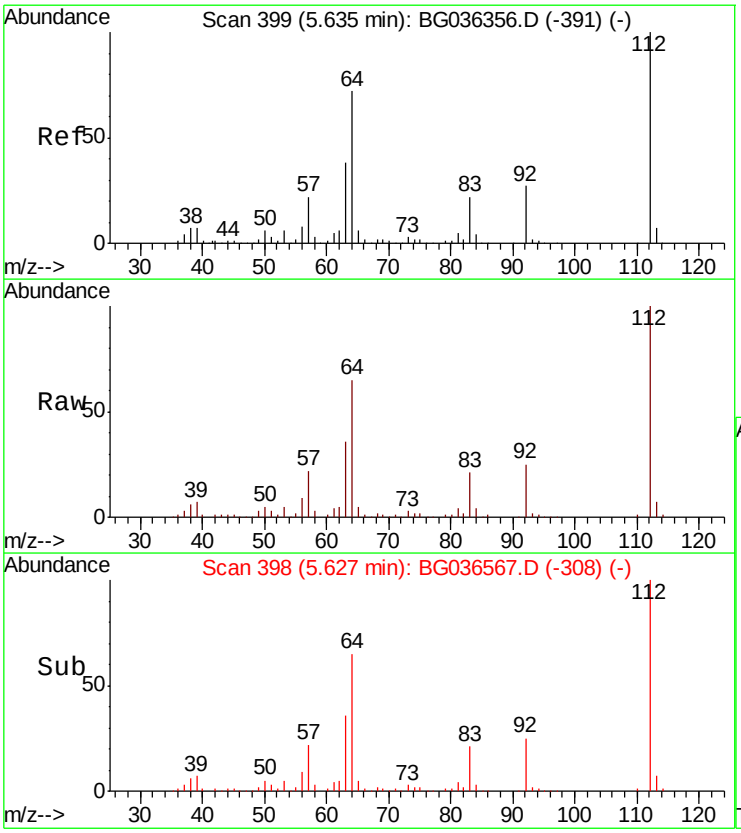
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Instrument :
BNA_G
ClientSampleId :

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

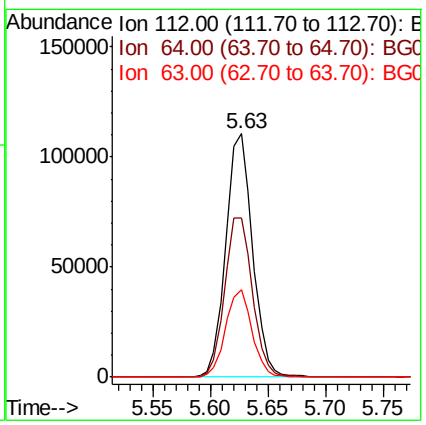


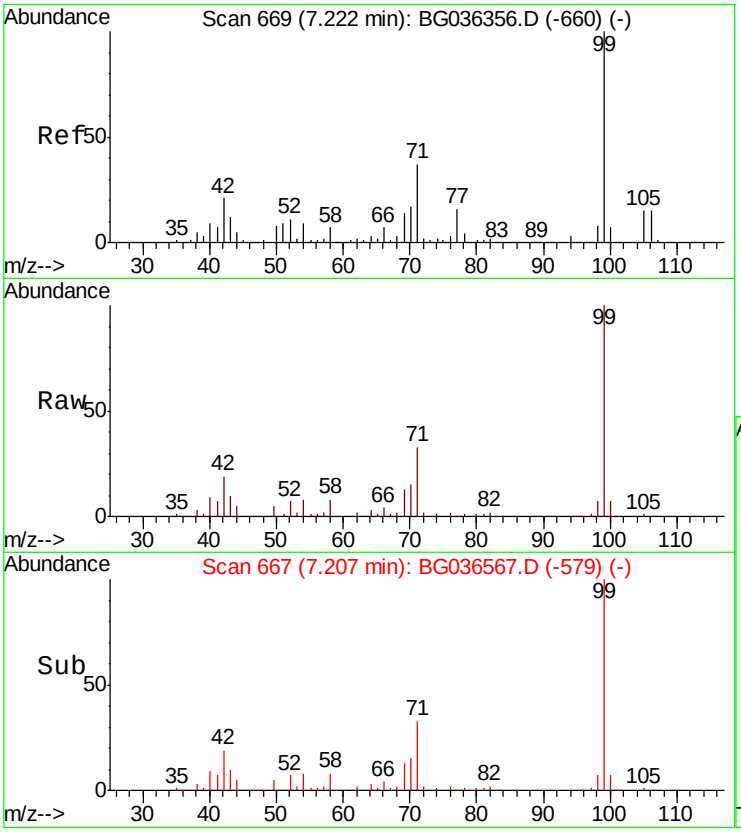


#5
2-Fluorophenol
Concen: 48.809 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

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



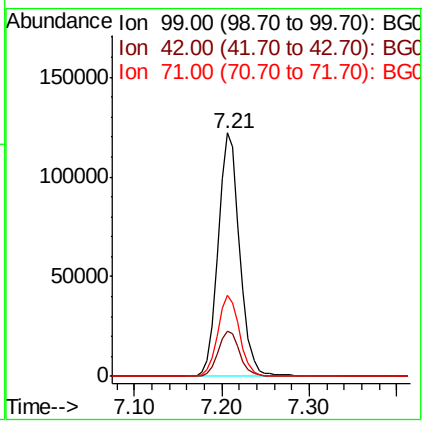


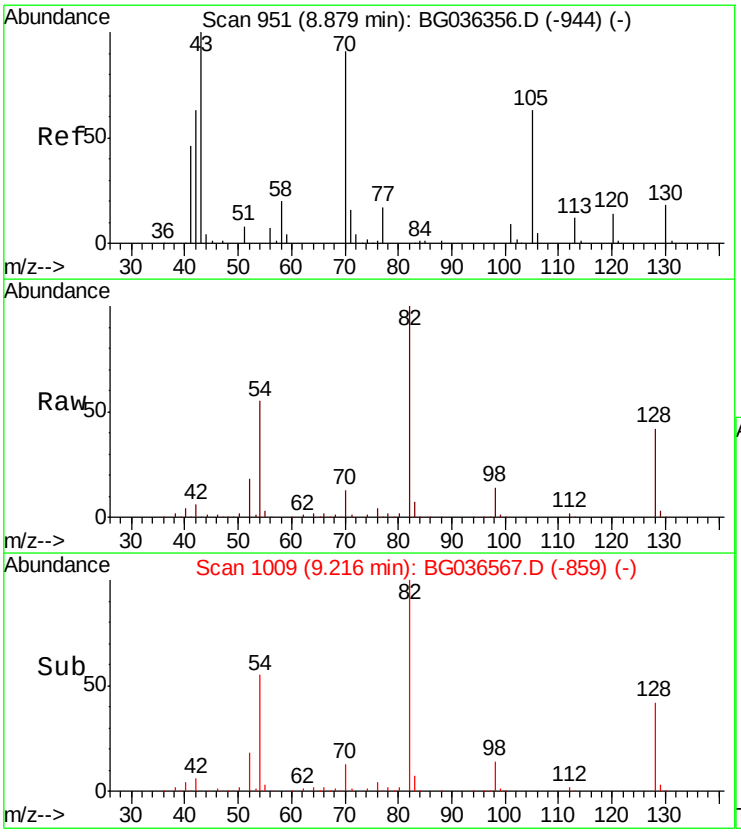
#7
Phenol-d6
Concen: 39.783 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Instrument :
BNA_G
ClientSampleId :

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

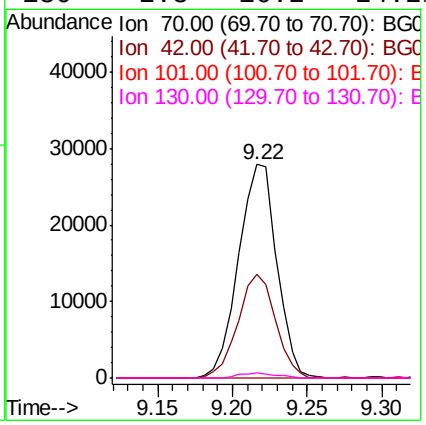


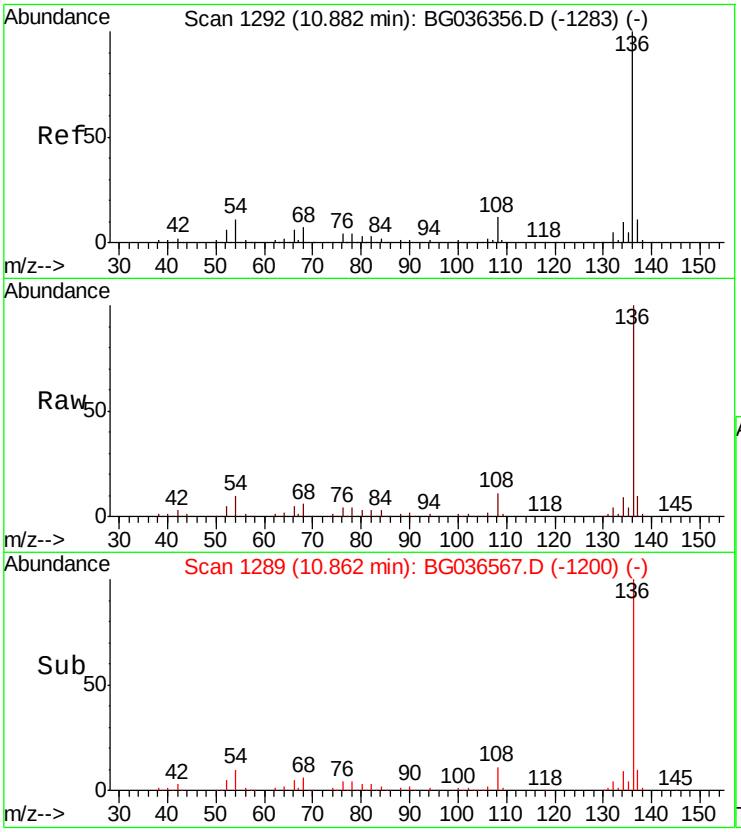


#19
n-Nitroso-di-n-propylamine
Concen: 12.700 ng
RT: 9.22 min Scan# 1009
Delta R.T. 0.35 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Tgt Ion: 70 Resp: 49433

Ion	Ratio	Lower	Upper
70	100		
42	48.4	56.2	84.4#
101	0.0	7.8	11.6#
130	2.3	16.2	24.2#



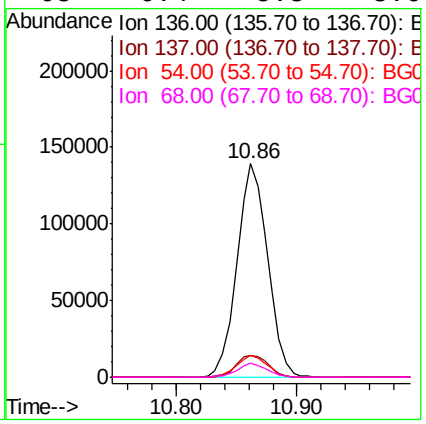


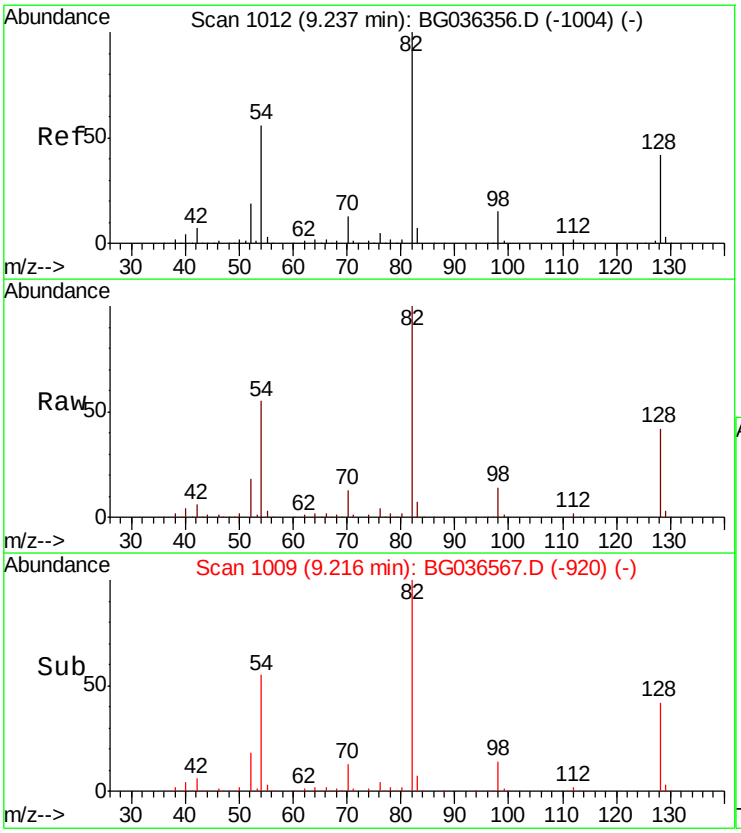
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Instrument :
BNA_G
ClientSampleId :

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

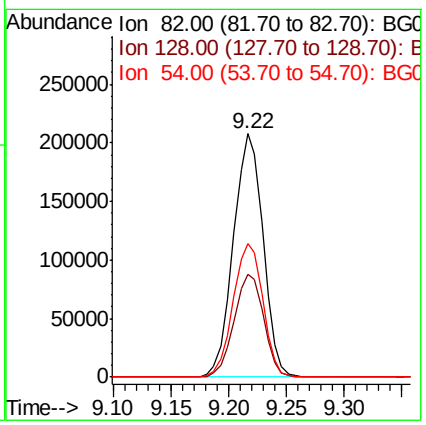


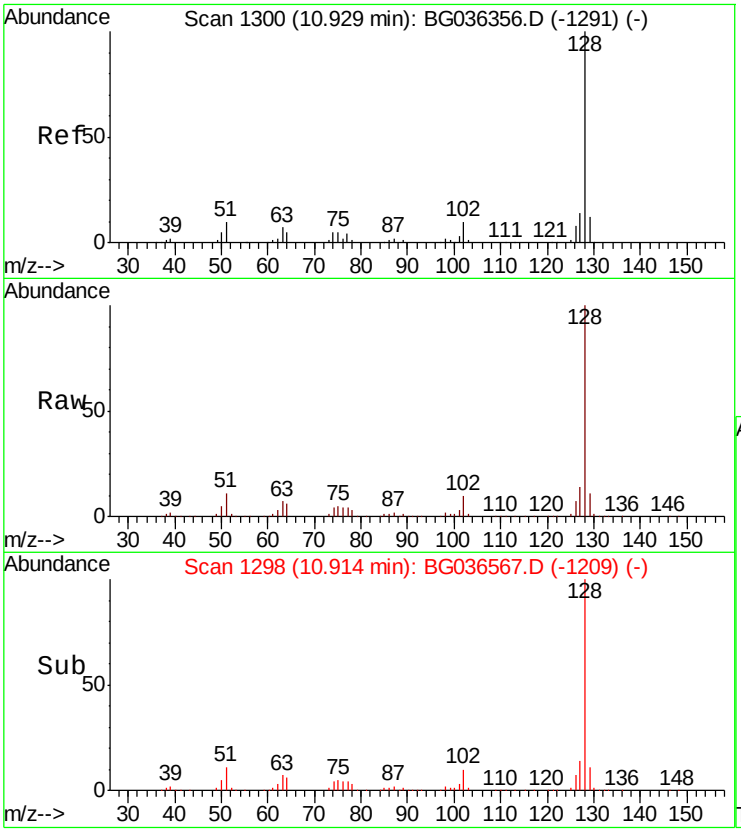


#23
Nitrobenzene-d5
Concen: 81.802 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

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



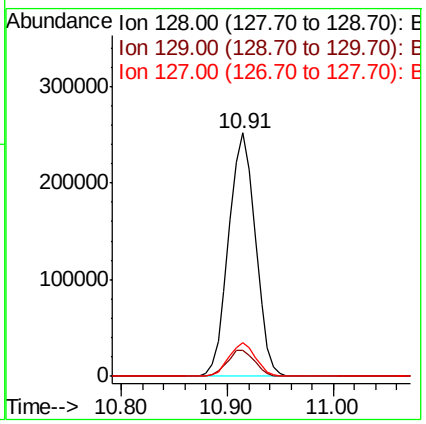


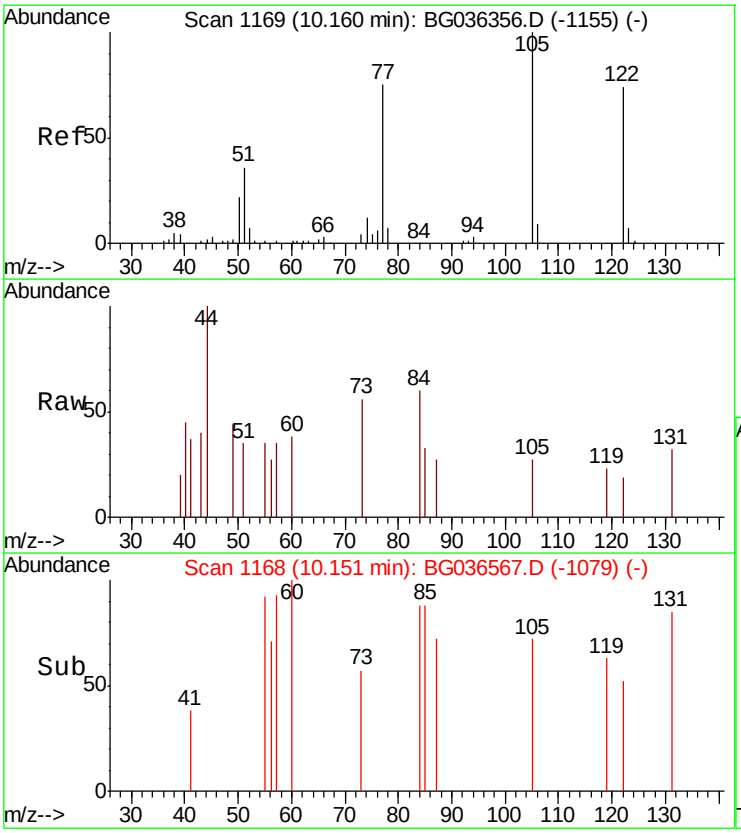
#31
Naphthalene
Concen: 35.949 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Instrument :
BNA_G
ClientSampleId :

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

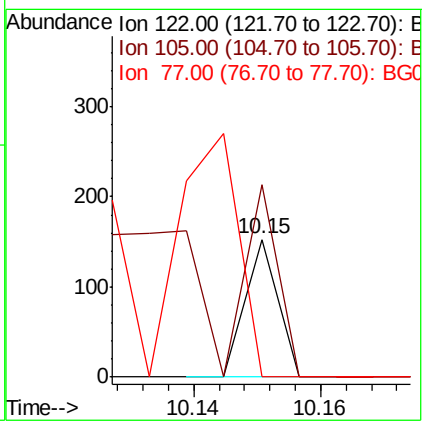


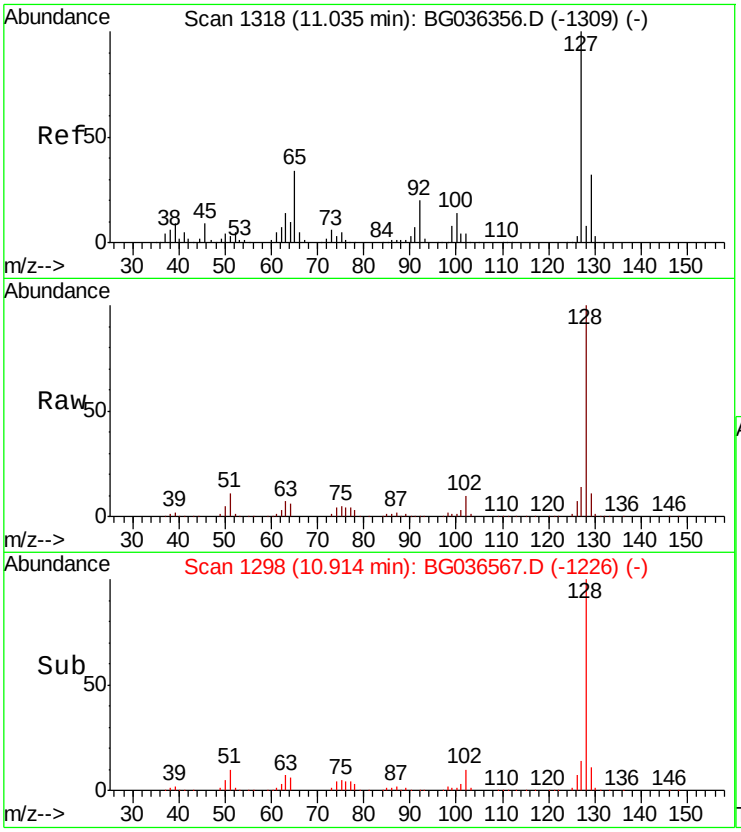


#32
Benzoic acid
Concen: 4.498 ng
RT: 10.15 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Tgt Ion:122 Resp: 54

Ion	Ratio	Lower	Upper
122	100		
105	139.9	108.1	148.1
77	0.0	76.3	116.3#



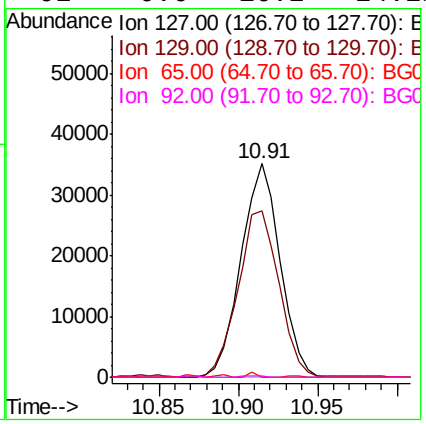


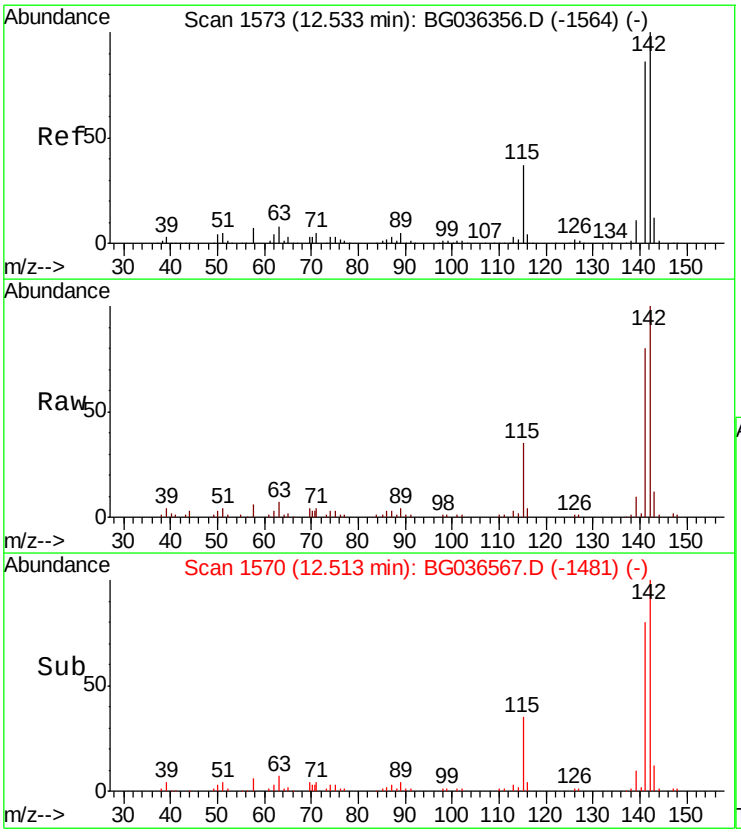
#33
4-Chloroaniline
Concen: 10.692 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.10 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 60112

Ion	Ratio	Lower	Upper
127	100		
129	78.0	25.9	38.9#
65	0.0	27.5	41.3#
92	0.6	16.2	24.2#

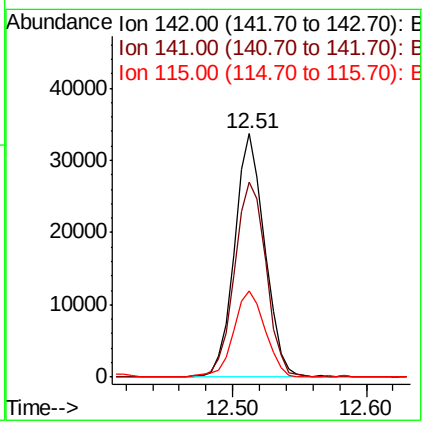


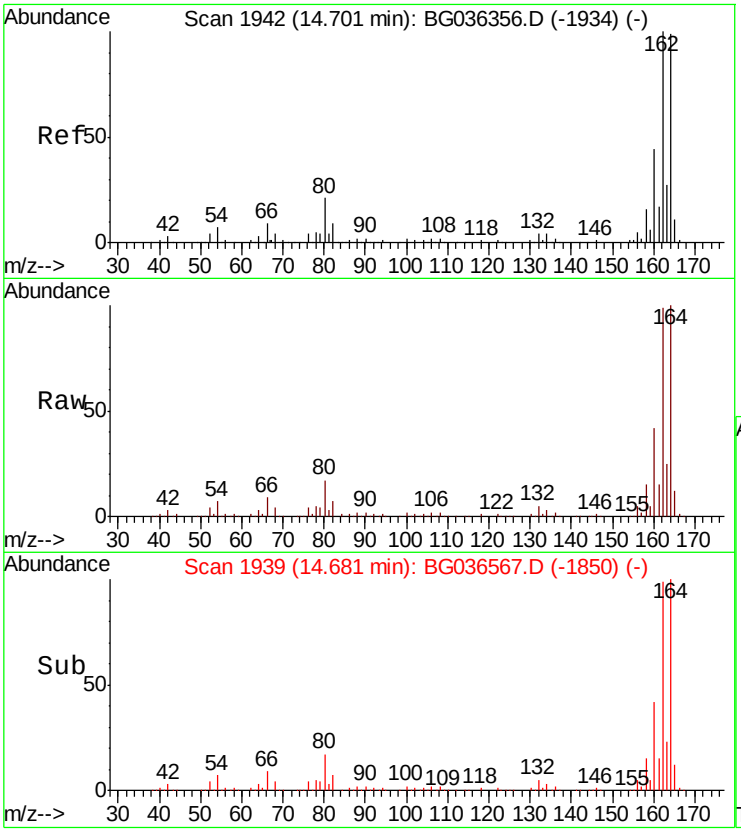


#37
2-Methylnaphthalene
Concen: 5.873 ng
RT: 12.51 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

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



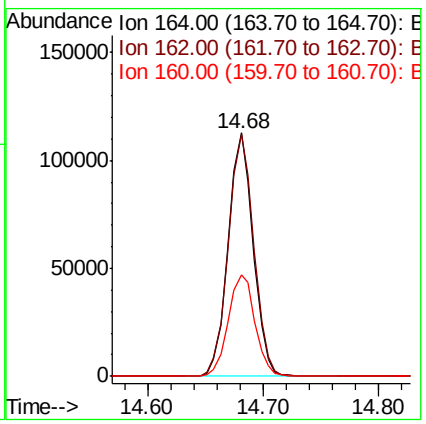


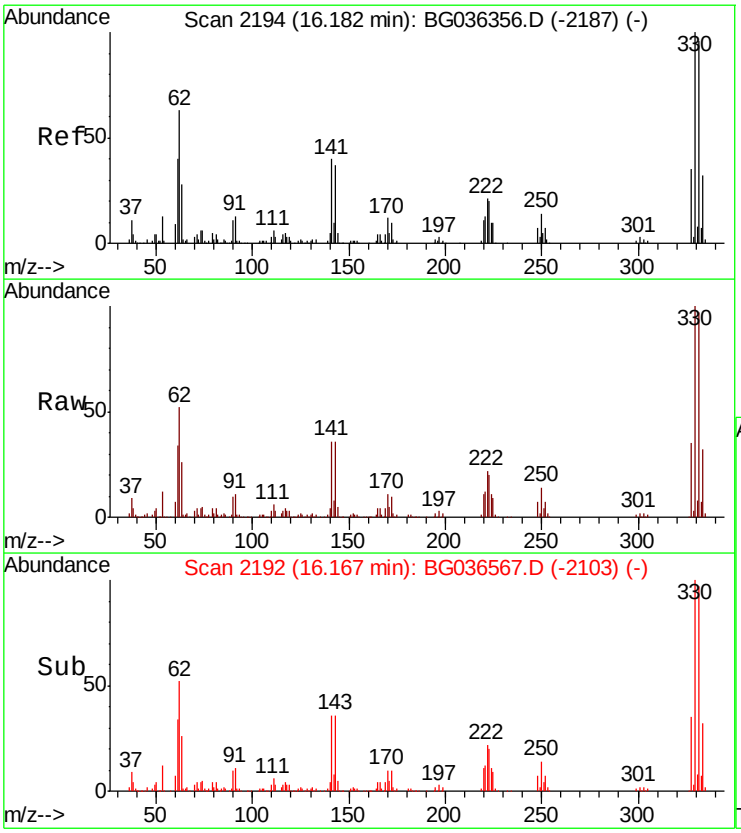
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Instrument :
BNA_G
ClientSampleId :

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

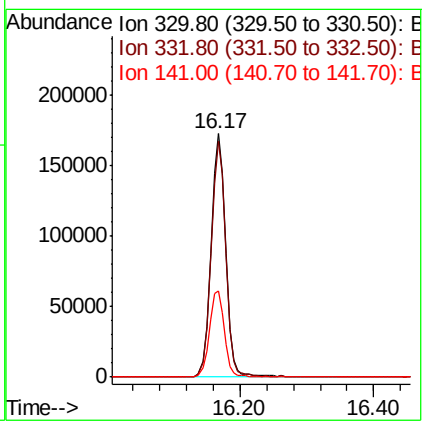


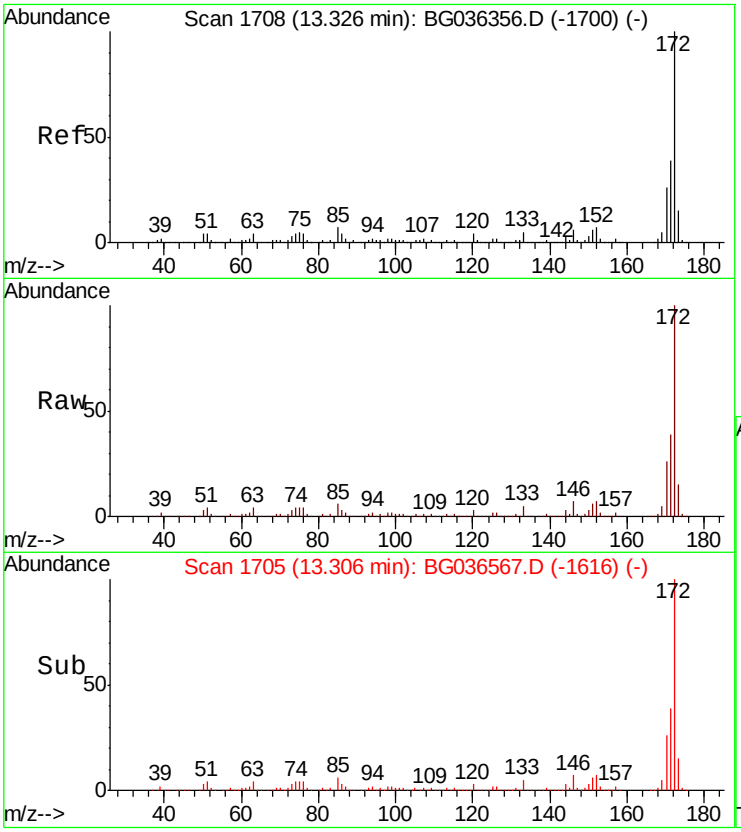


#41
2,4,6-Tribromophenol
Concen: 132.802 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

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



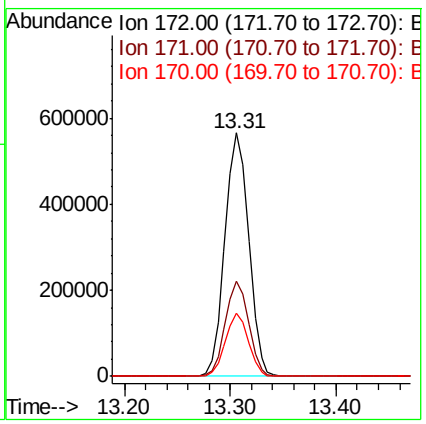


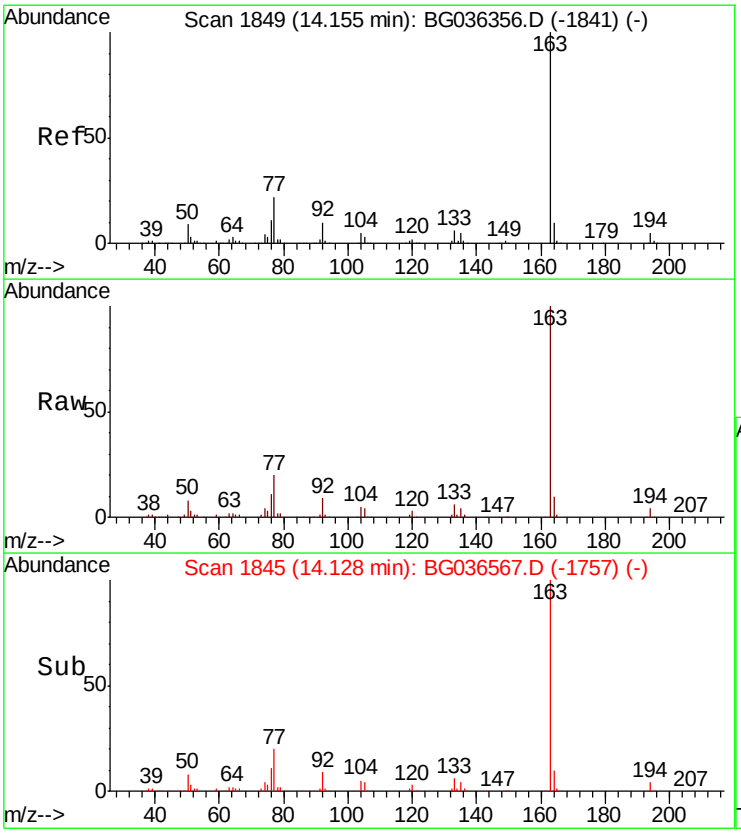
#44
2-Fluorobiphenyl
Concen: 74.849 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Instrument :
BNA_G
ClientSampleId :

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

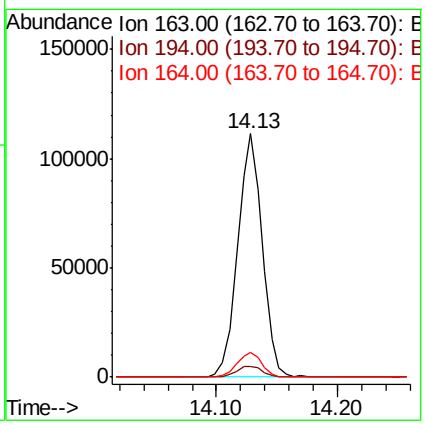


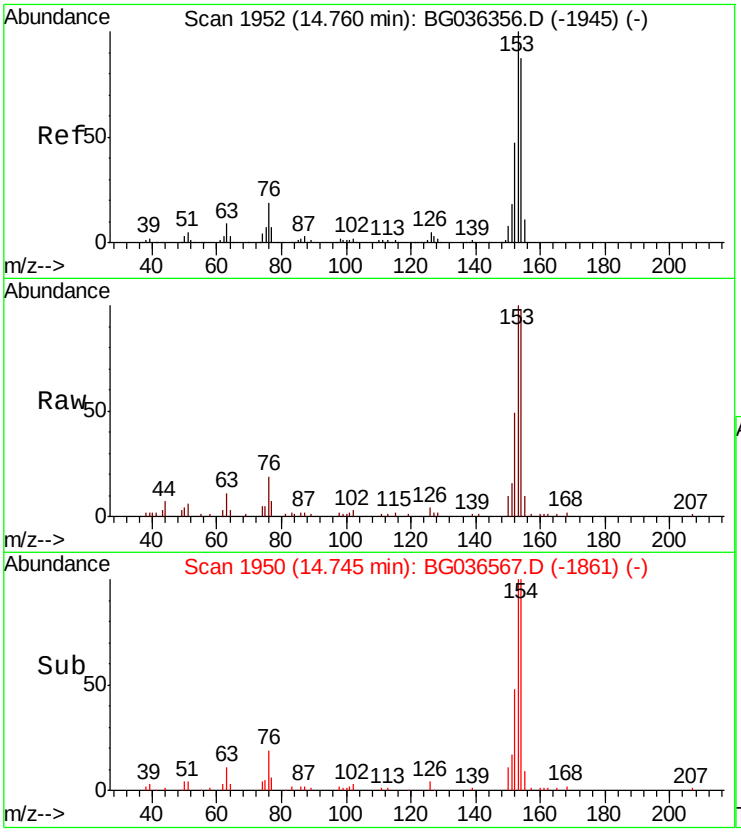


#49
Dimethylphthalate
Concen: 11.429 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

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



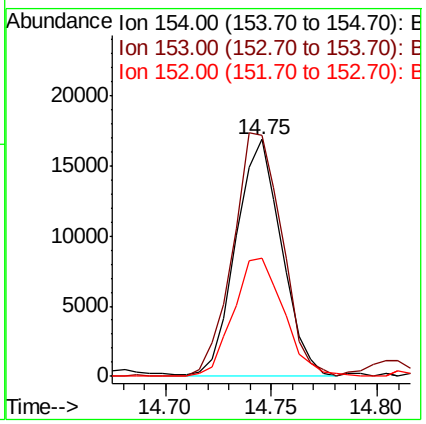


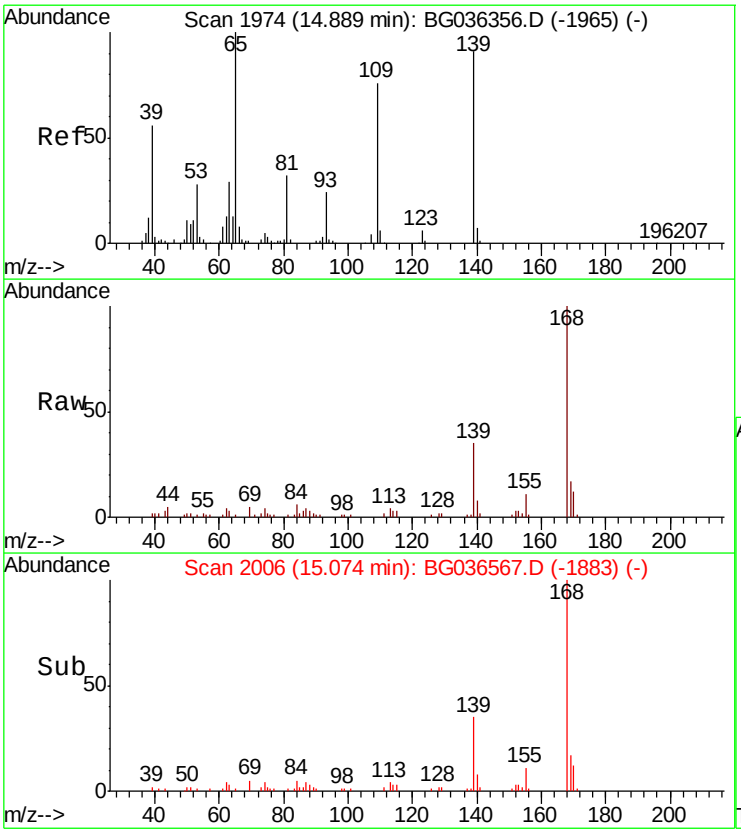
#51
Acenaphthene
Concen: 2.371 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Instrument :
BNA_G
ClientSampleId :

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

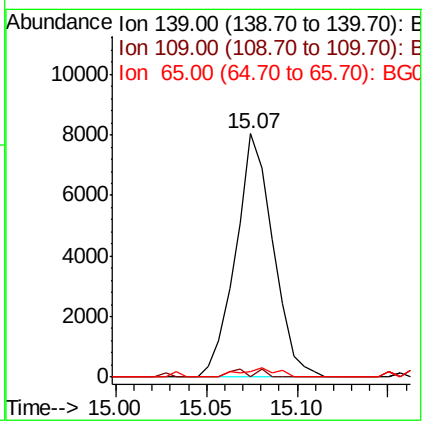


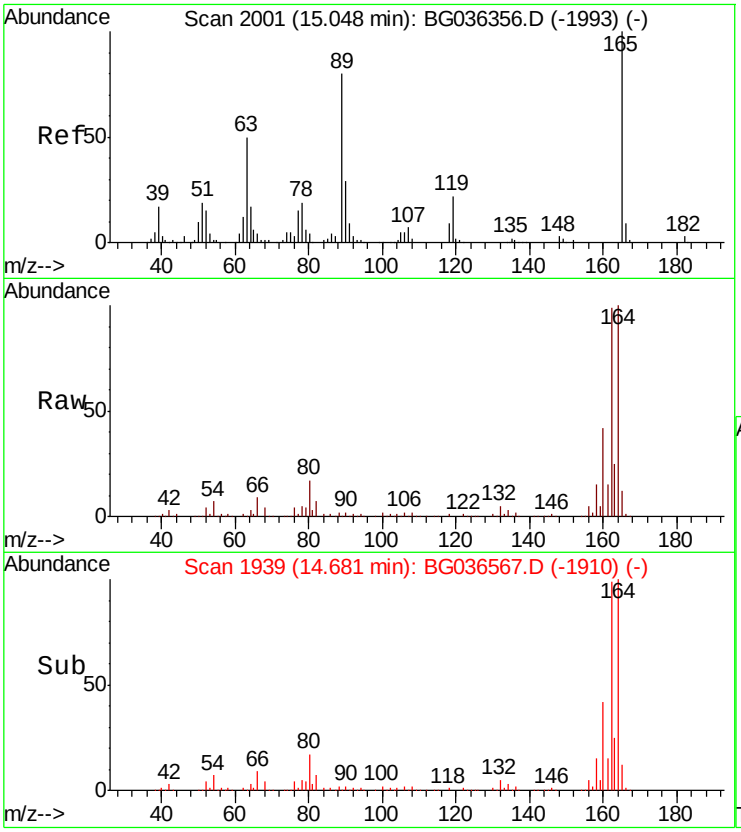


#55
4-Nitrophenol
Concen: 4.625 ng
RT: 15.07 min Scan# 2006
Delta R.T. 0.20 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Tgt Ion:139 Resp: 11539

Ion	Ratio	Lower	Upper
139	100		
109	0.0	63.9	103.9#
65	2.2	90.0	130.0#



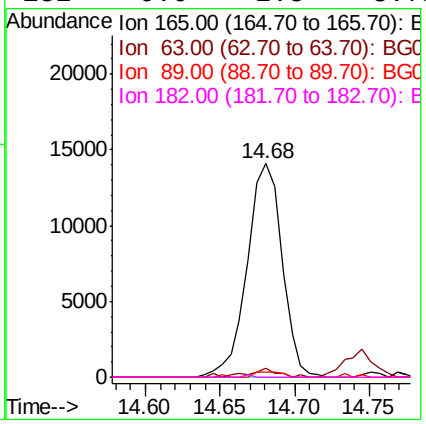


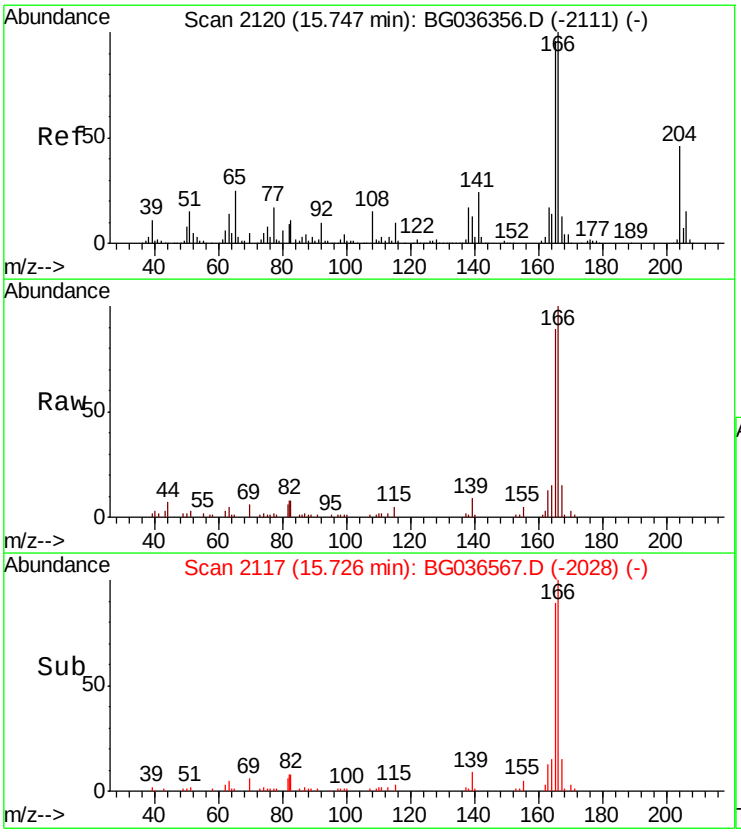
#56
2,4-Dinitrotoluene
Concen: 6.169 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.36 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 22766

Ion	Ratio	Lower	Upper
165	100		
63	4.0	40.1	60.1#
89	2.6	63.7	95.5#
182	0.0	2.5	3.7#

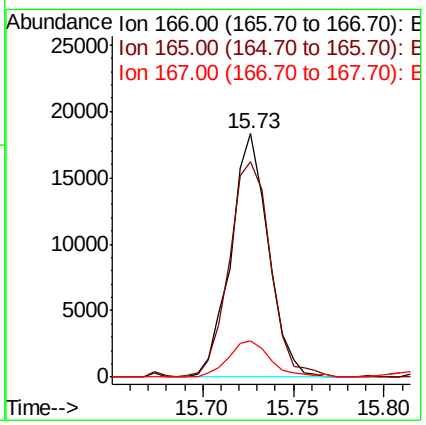


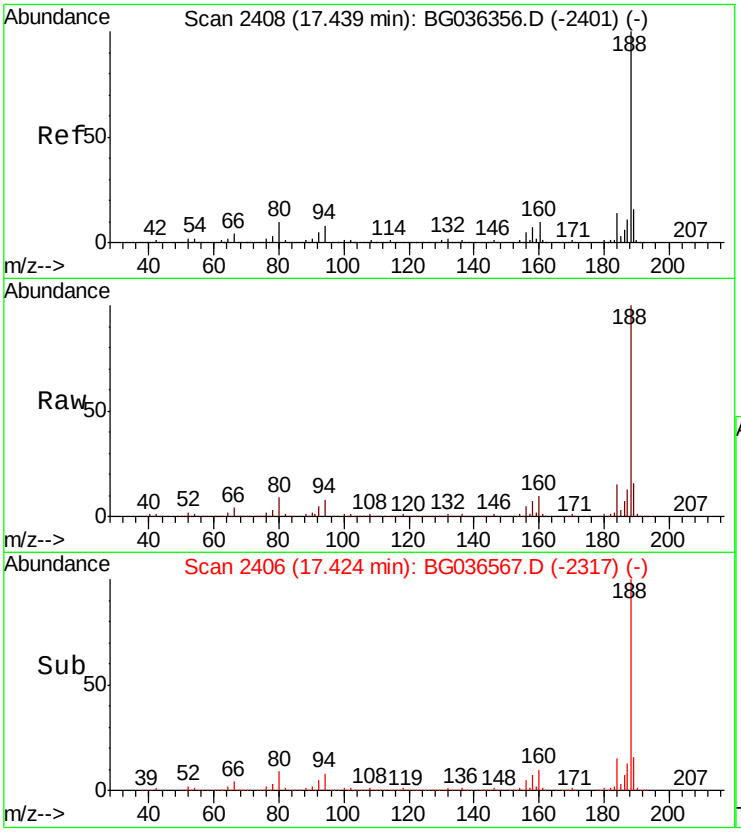


#57
Fluorene
Concen: 2.109 ng
RT: 15.73 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

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



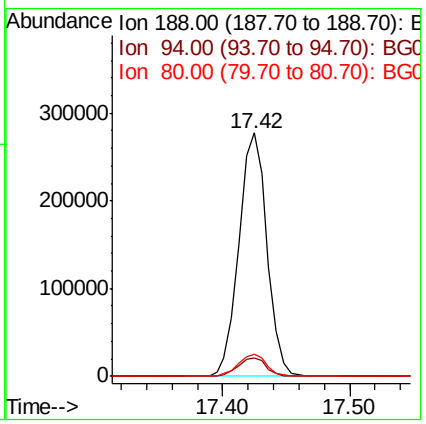


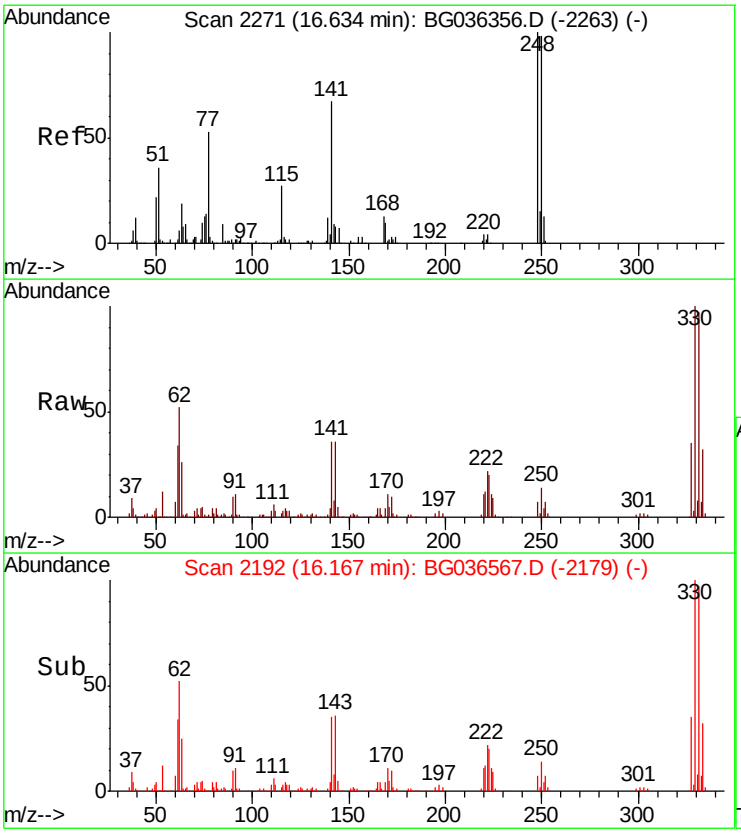
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Instrument :
BNA_G
ClientSampleId :

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

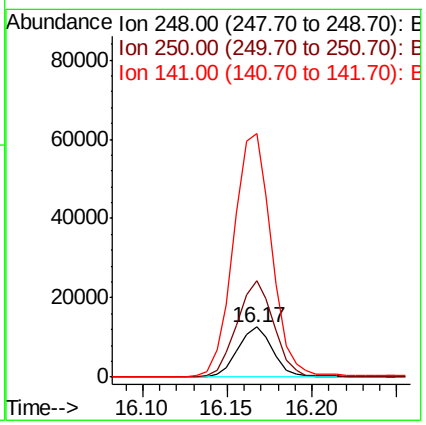


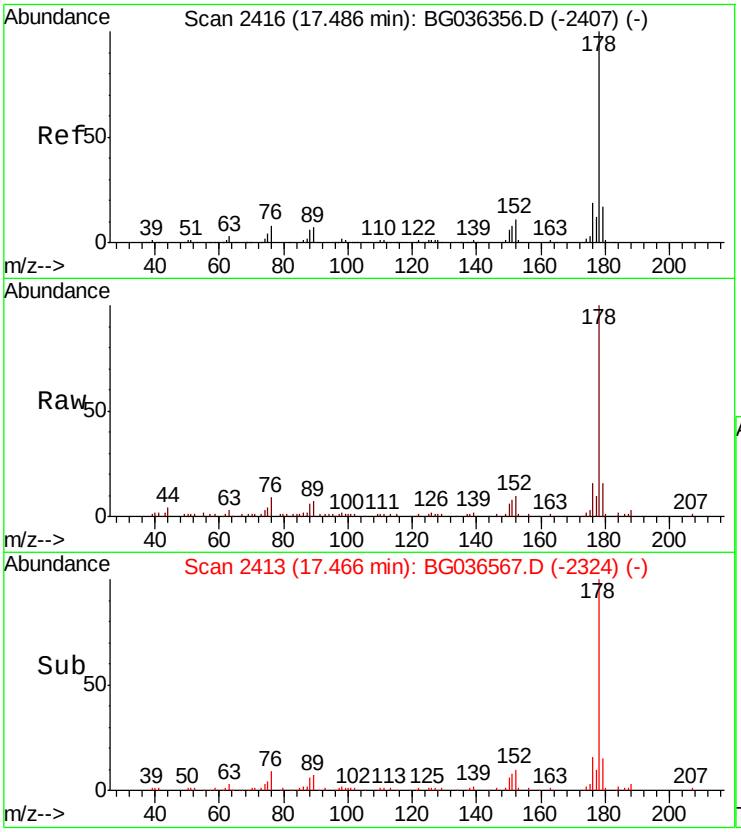


#66
4-Bromophenyl-phenylether
Concen: 3.699 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.45 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Tgt Ion:248 Resp: 18371

Ion	Ratio	Lower	Upper
248	100		
250	193.8	78.1	117.1#
141	486.7	53.7	80.5#



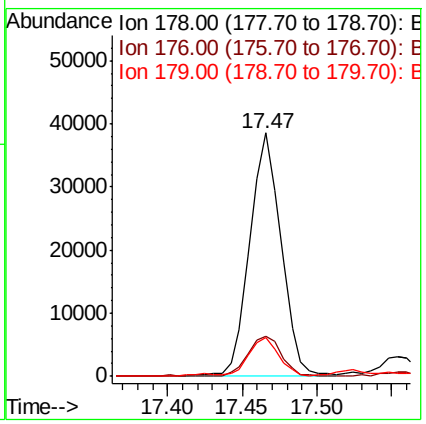


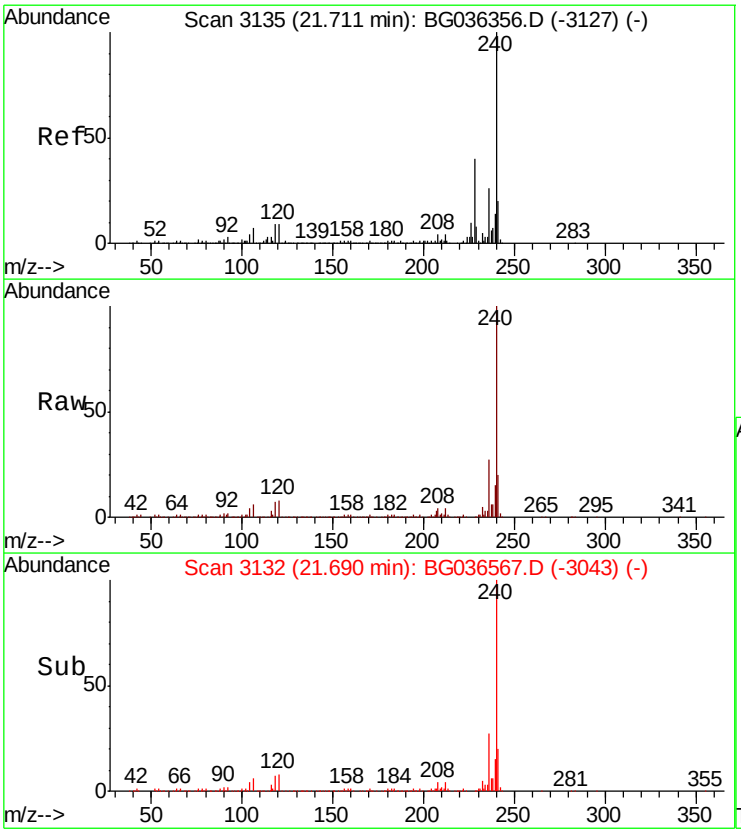
#70
Phenanthrene
Concen: 2.597 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Instrument :
BNA_G
ClientSampleId :

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

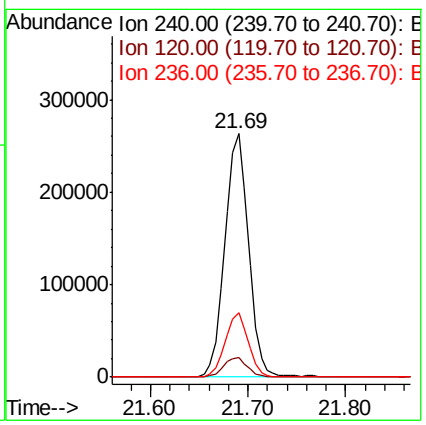


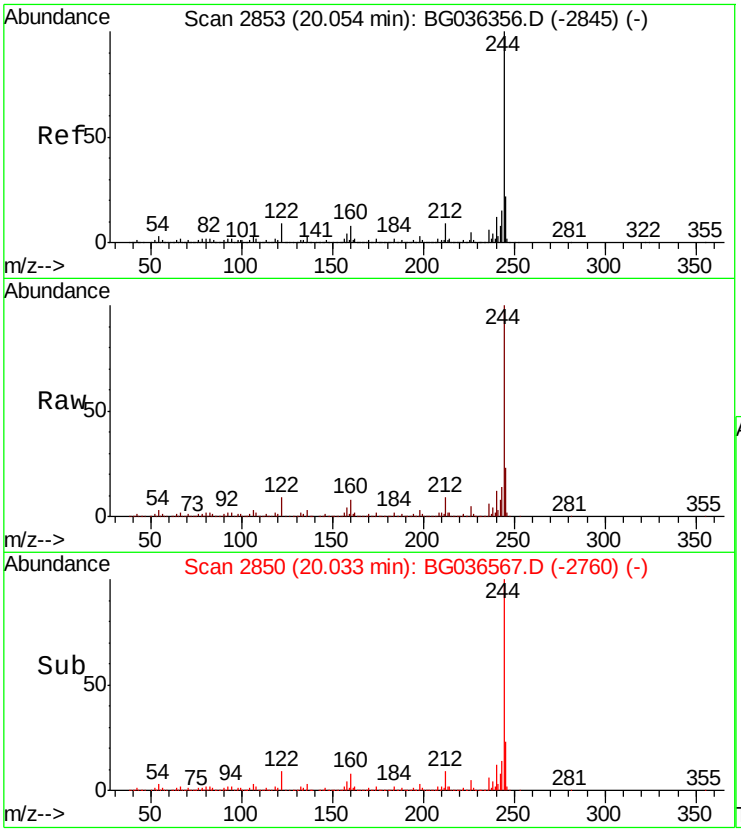


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

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



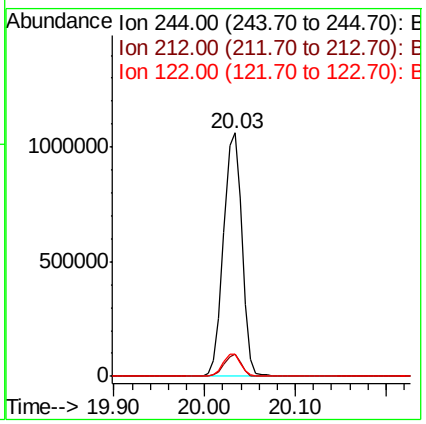


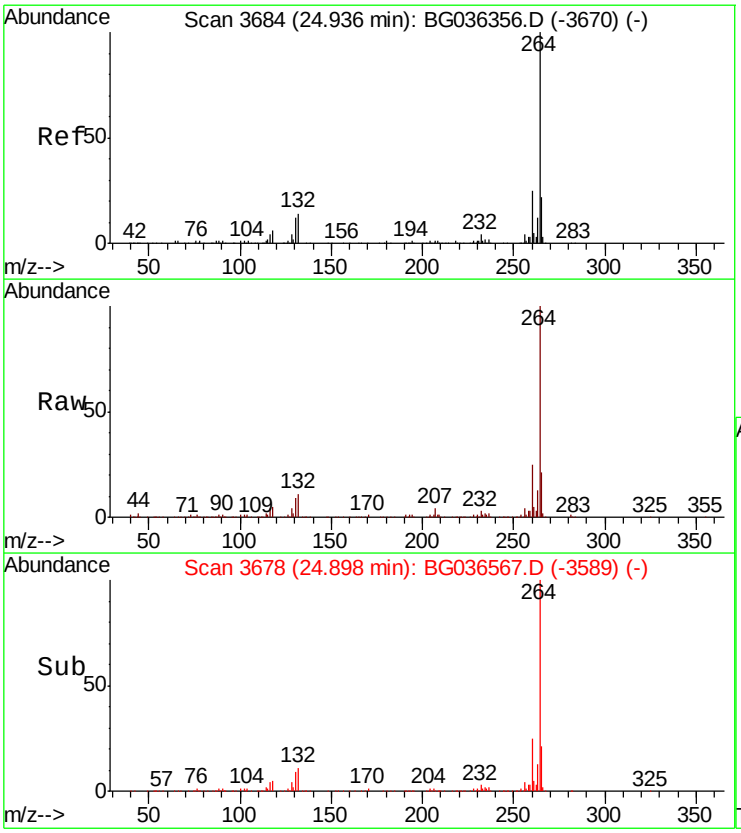
#78
Terphenyl-d14
Concen: 79.057 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Instrument :
BNA_G
ClientSampleId :

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