Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090518\
Data File : BG036563.D
Acq On : 5 Sep 2018 16:40
Operator : JU/SJ
Sample : J4741-24
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Sep 05 17:23:37 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	63192	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	268325	20.00	ng		0.00
38) Acenaphthene-d10	14.69	164	170162	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	439914	20.00	ng		0.00
75) Chrysene-d12	21.69	240	460646	20.00	ng		0.00
86) Perylene-d12	24.90	264	461322	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	294760	73.99	ng		0.00
7) Phenol-d6	7.21	99	276026	48.40	ng		0.00
23) Nitrobenzene-d5	9.22	82	415020	83.92	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	292058	143.84	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	936466	78.58	ng		0.00
78) Terphenyl-d14	20.03	244	1549202	78.61	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	54963	12.894	ng	#	68
31) Naphthalene	10.91	128	818668	61.034	ng		99
32) Benzoic acid	10.17	122	59	4.498	ng	#	1
33) 4-Chloroaniline	10.92	127	115519	18.794	ng	#	35
37) 2-Methylnaphthalene	12.52	142	46096	4.697	ng		99
49) Dimethylphthalate	14.13	163	169100	12.170	ng		99
51) Acenaphthene	14.74	154	40055	3.711	ng		97
55) 4-Nitrophenol	15.08	139	9410	3.735	ng	#	2
56) 2,4-Dinitrotoluene	14.68	165	23030	6.180	ng	#	20
57) Fluorene	15.73	166	28359	2.244	ng		99
66) 4-Bromophenyl-phenylether	16.17	248	20496	3.979	ng	#	1
70) Phenanthrene	17.47	178	56704	2.537	ng		94
71) Anthracene	17.47	178	56704	2.545	ng		95

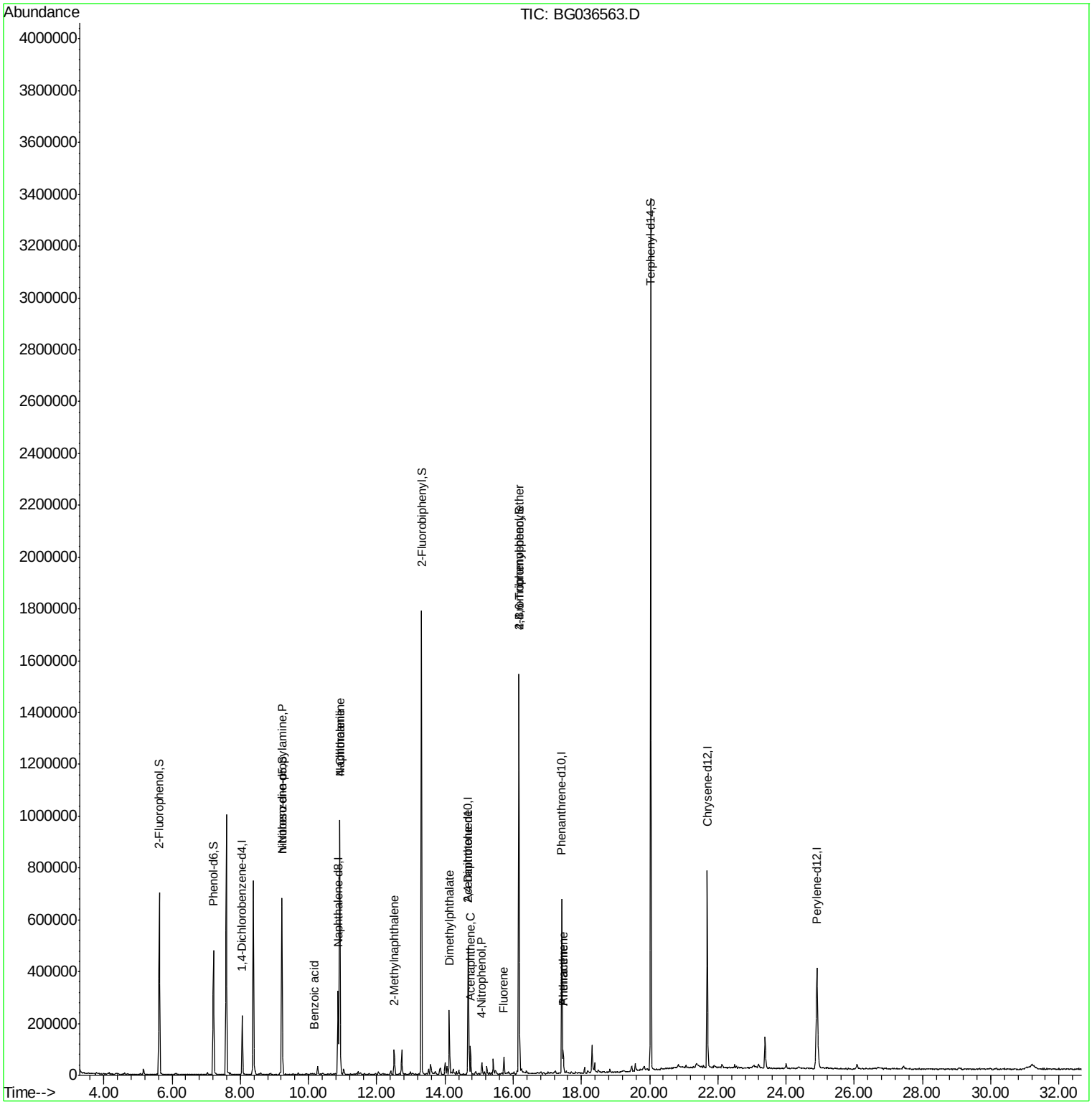
(#) = qualifier out of range (m) = manual integration (+) = signals summed

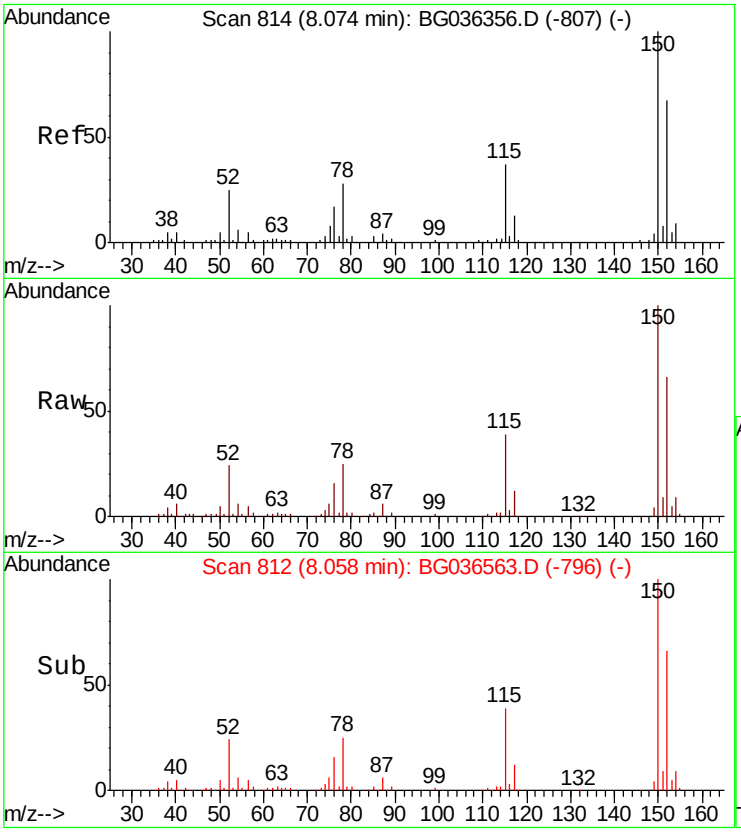
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090518\
Data File : BG036563.D
Acq On : 5 Sep 2018 16:40
Operator : JU/SJ
Sample : J4741-24
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 05 17:23:37 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



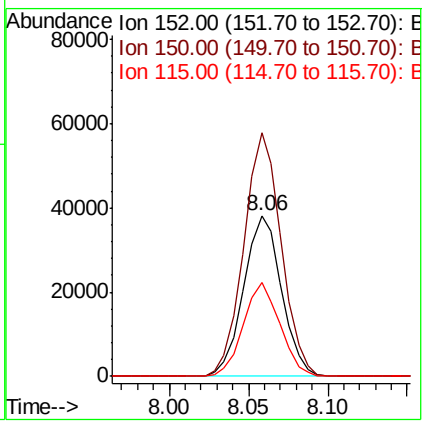


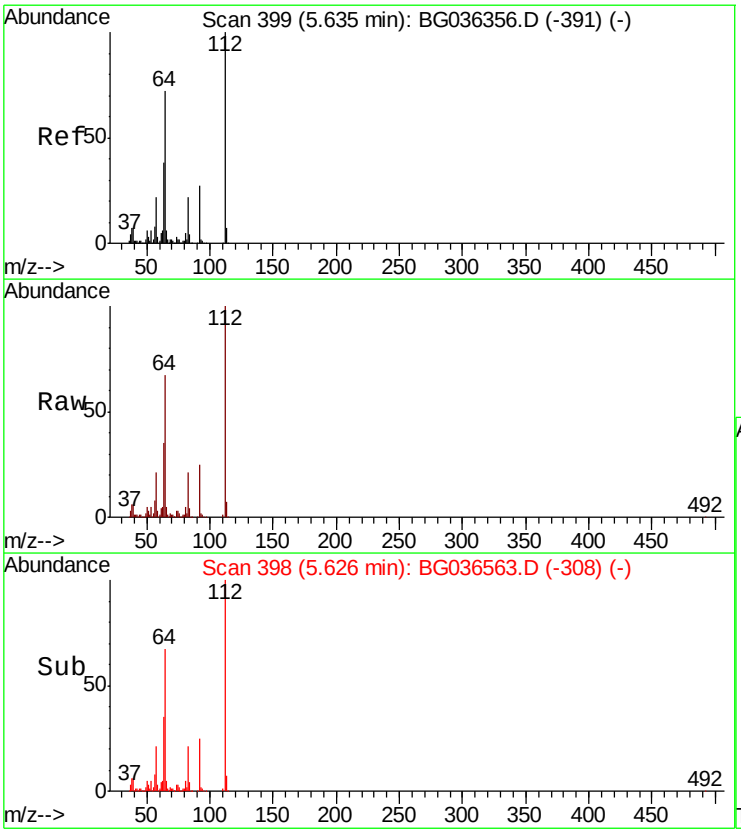
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036563.D
Acq: 5 Sep 2018 16:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 63192

Ion	Ratio	Lower	Upper
152	100		
150	151.2	119.5	179.3
115	58.4	44.5	66.7

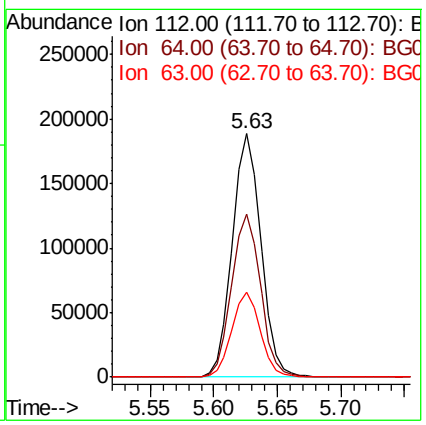


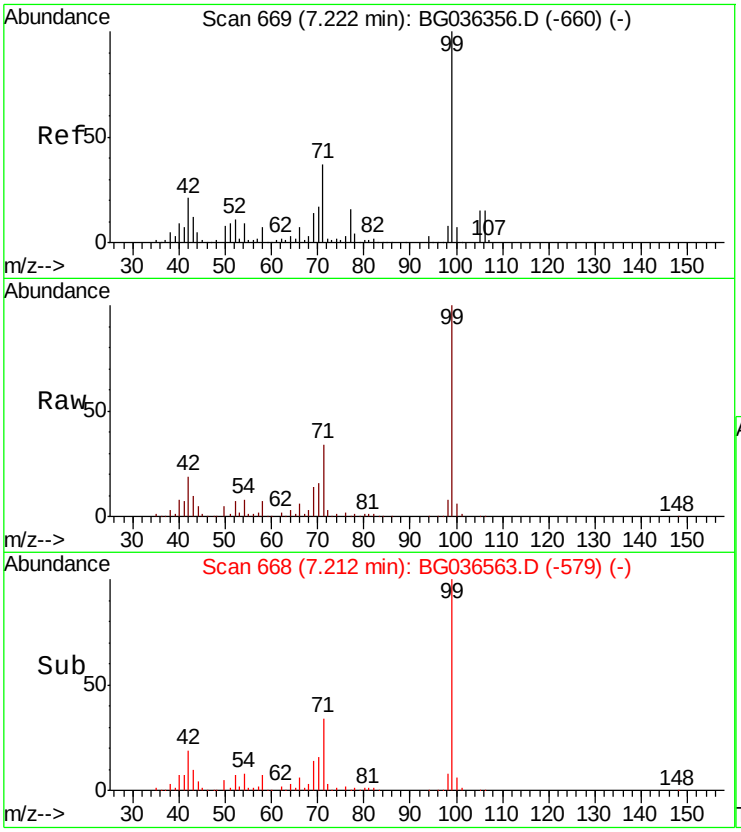


#5
2-Fluorophenol
Concen: 73.993 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036563.D
Acq: 5 Sep 2018 16:40

Tgt Ion:112 Resp: 294760

Ion	Ratio	Lower	Upper
112	100		
64	67.0	57.2	85.8
63	34.6	30.8	46.2



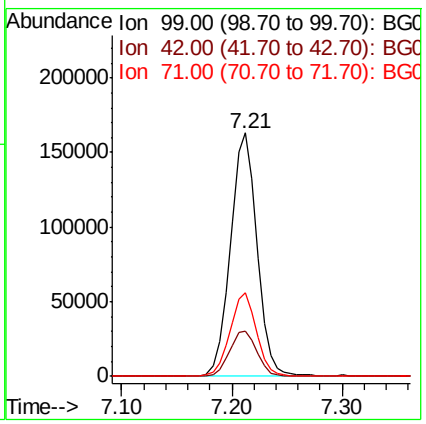


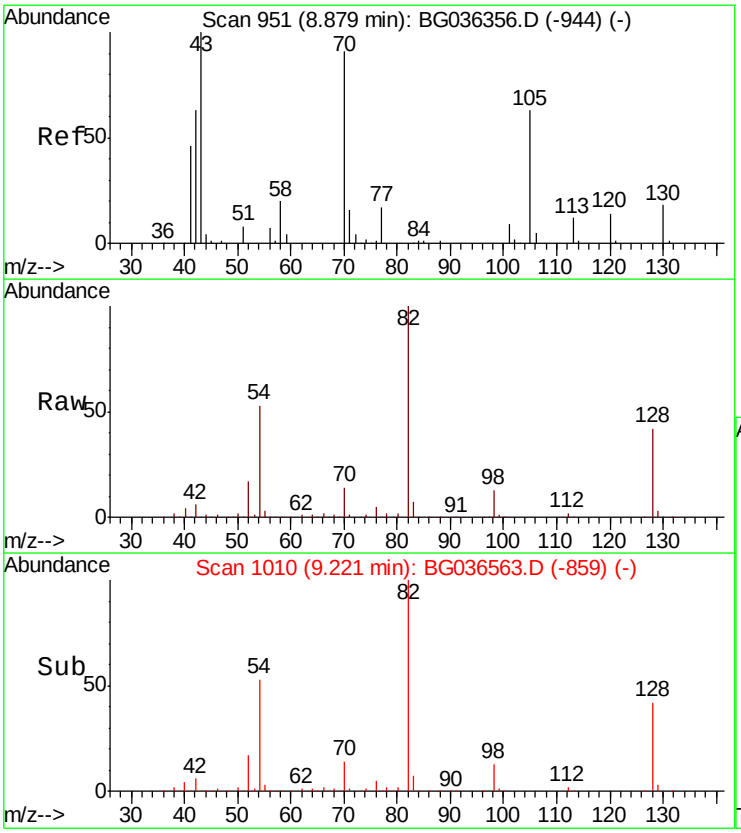
#7
Phenol-d6
Concen: 48.395 ng
RT: 7.21 min Scan# 668
Delta R.T. -0.01 min
Lab File: BG036563.D
Acq: 5 Sep 2018 16:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 276026

Ion	Ratio	Lower	Upper
99	100		
42	18.5	16.5	24.7
71	34.2	29.4	44.2

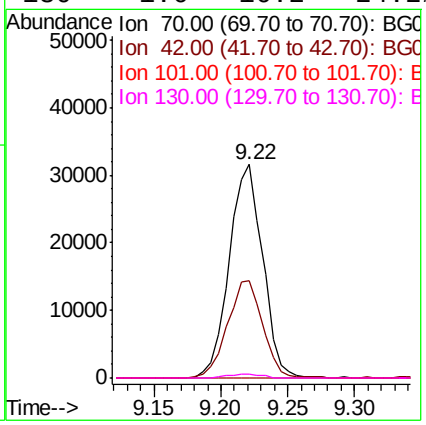


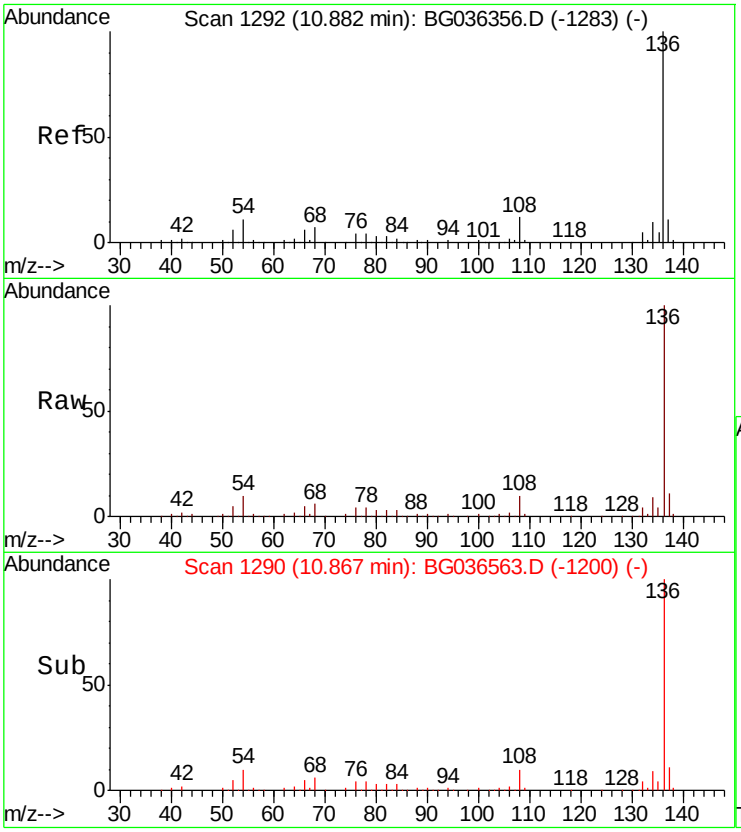


#19
n-Nitroso-di-n-propylamine
Concen: 12.894 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.36 min
Lab File: BG036563.D
Acq: 5 Sep 2018 16:40

Tgt Ion: 70 Resp: 54963

Ion	Ratio	Lower	Upper
70	100		
42	45.6	56.2	84.4#
101	0.0	7.8	11.6#
130	1.6	16.2	24.2#



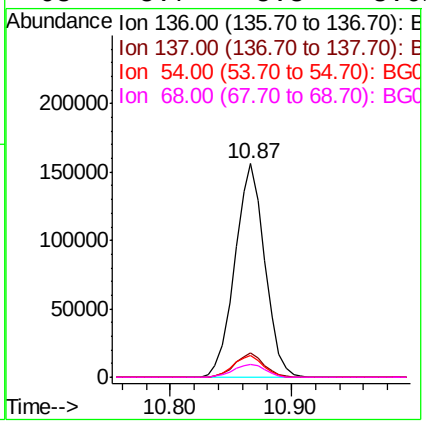


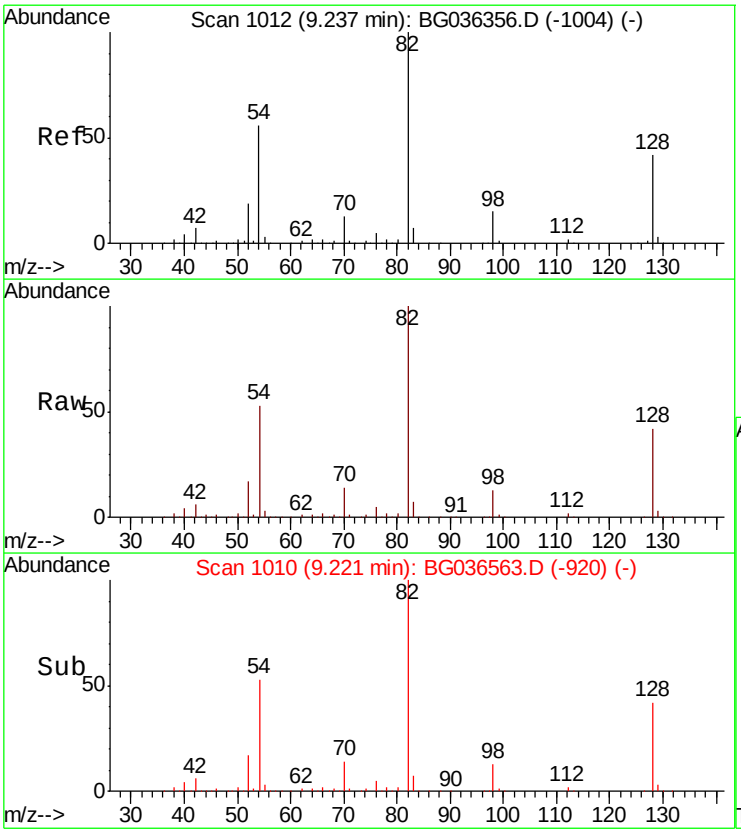
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BG036563.D
Acq: 5 Sep 2018 16:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 268325

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	10.1	9.2	13.8
68	5.7	5.8	8.6#

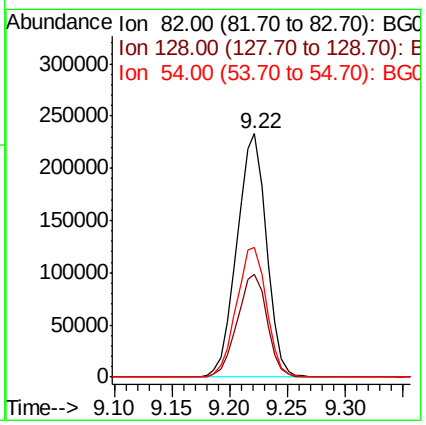


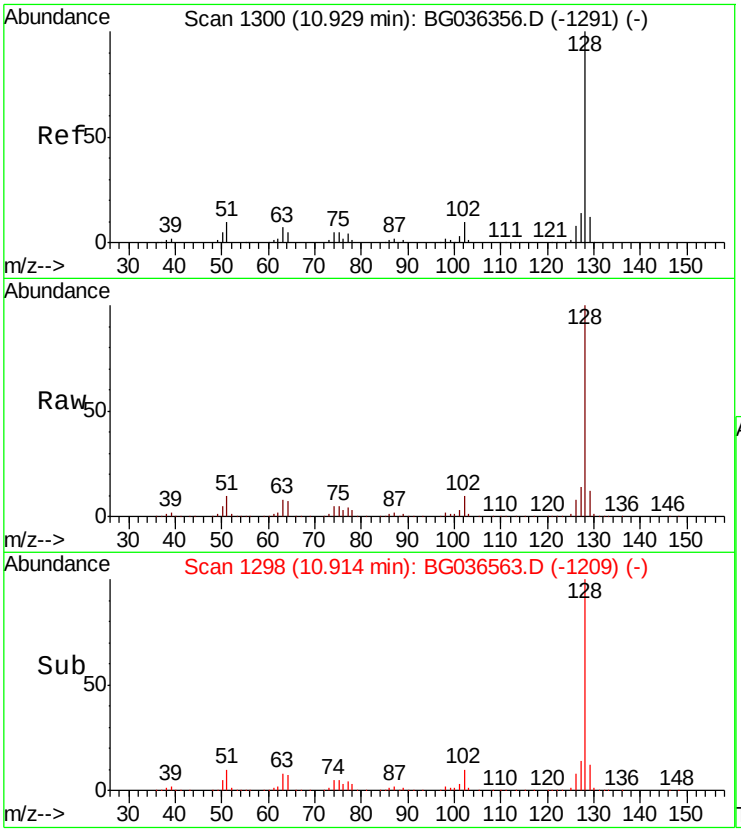


#23
Nitrobenzene-d5
Concen: 83.919 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG036563.D
Acq: 5 Sep 2018 16:40

Tgt Ion: 82 Resp: 415020

Ion	Ratio	Lower	Upper
82	100		
128	42.3	33.3	49.9
54	53.4	45.1	67.7



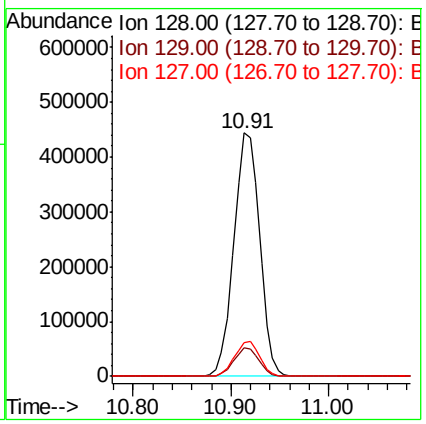


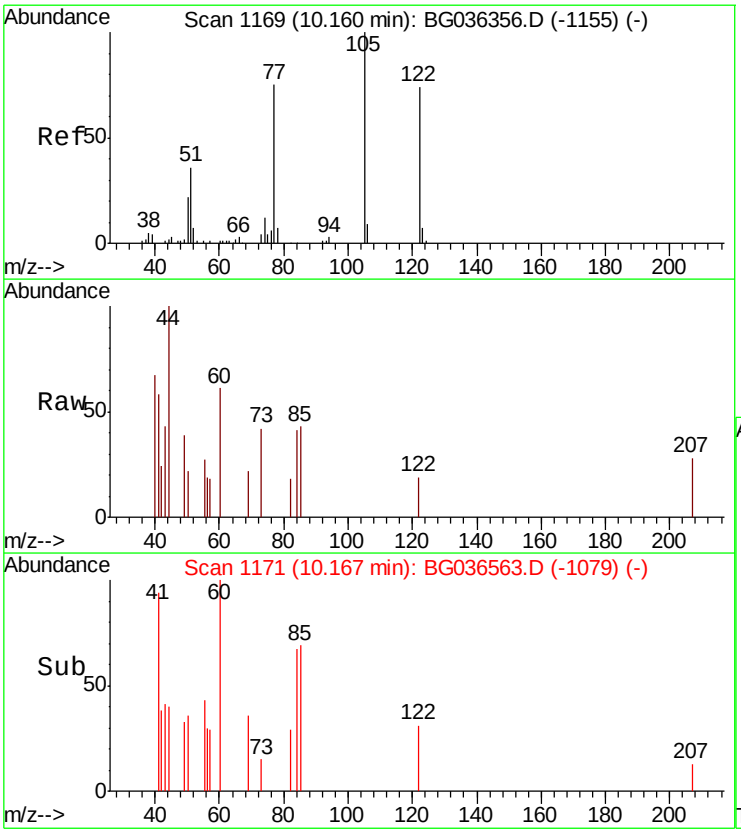
#31
Naphthalene
Concen: 61.034 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG036563.D
Acq: 5 Sep 2018 16:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 818668

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.4	14.2
127	14.1	11.0	16.4

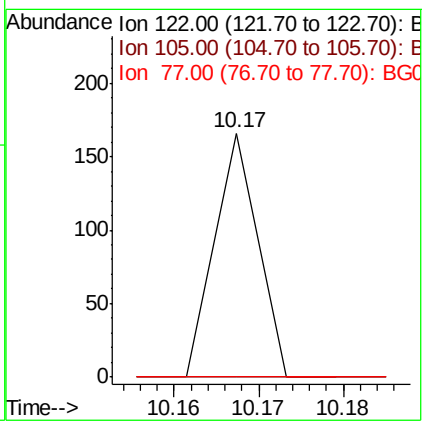


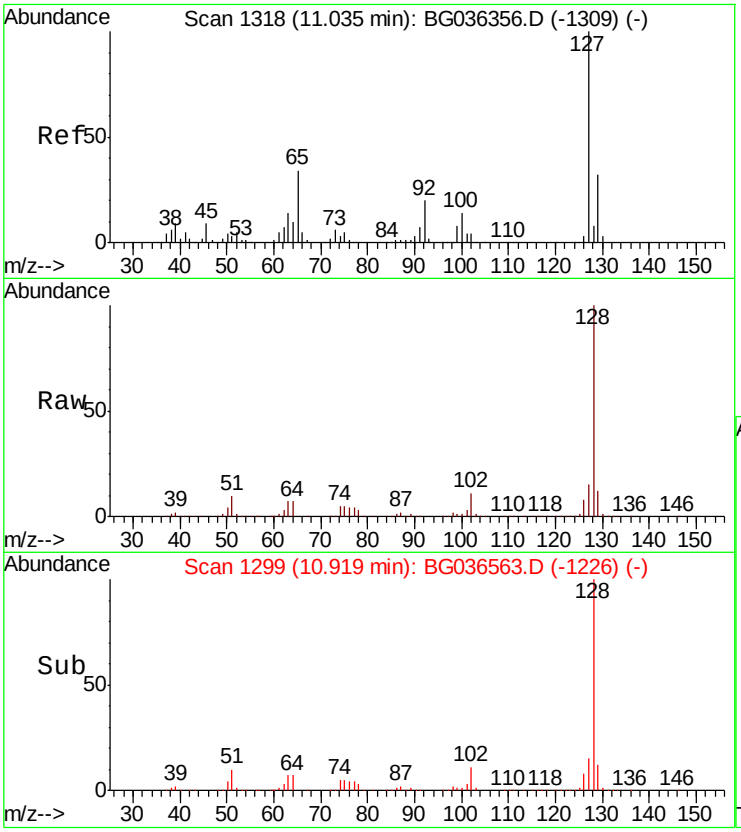


#32
Benzoic acid
Concen: 4.498 ng
RT: 10.17 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BG036563.D
Acq: 5 Sep 2018 16:40

Tgt Ion:122 Resp: 59

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



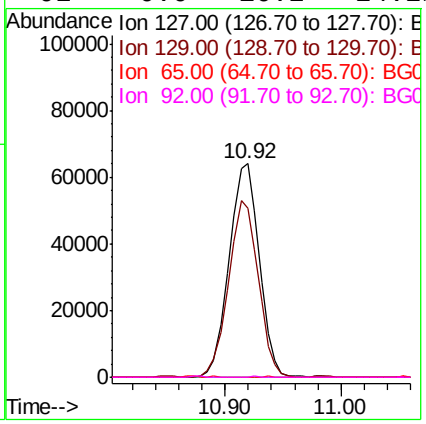


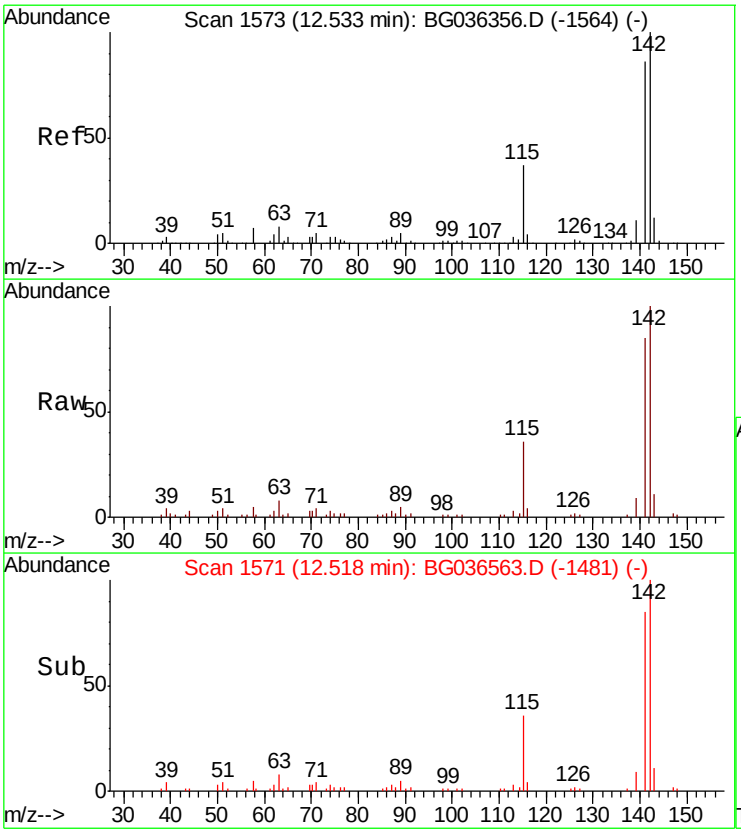
#33
4-Chloroaniline
Concen: 18.794 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.10 min
Lab File: BG036563.D
Acq: 5 Sep 2018 16:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 115519

Ion	Ratio	Lower	Upper
127	100		
129	79.0	25.9	38.9#
65	0.0	27.5	41.3#
92	0.0	16.2	24.2#

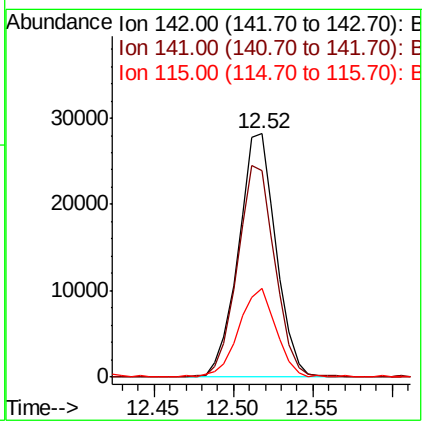


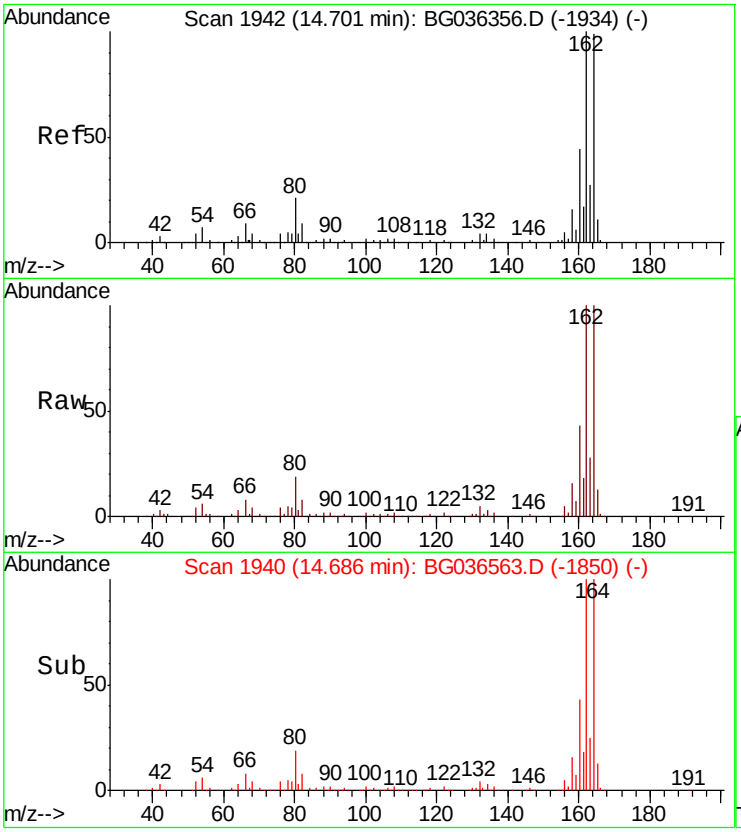


#37
2-Methylnaphthalene
Concen: 4.697 ng
RT: 12.52 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BG036563.D
Acq: 5 Sep 2018 16:40

Tgt Ion:142 Resp: 46096

Ion	Ratio	Lower	Upper
142	100		
141	84.7	68.5	102.7
115	36.4	29.8	44.8



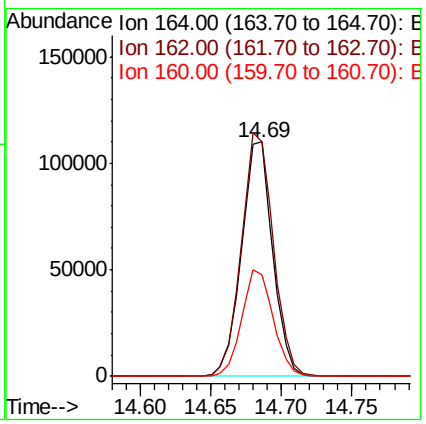


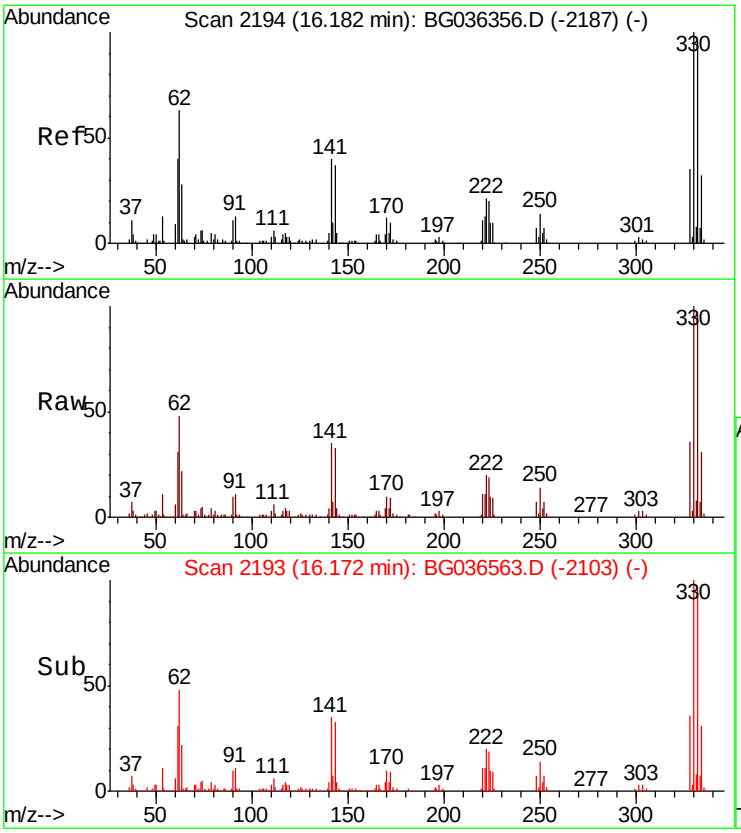
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BG036563.D
Acq: 5 Sep 2018 16:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 170162

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.7	121.1
160	43.6	35.3	52.9

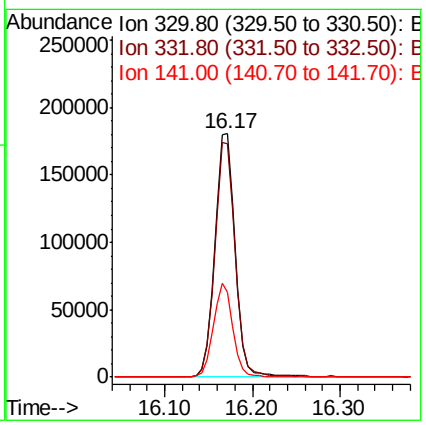


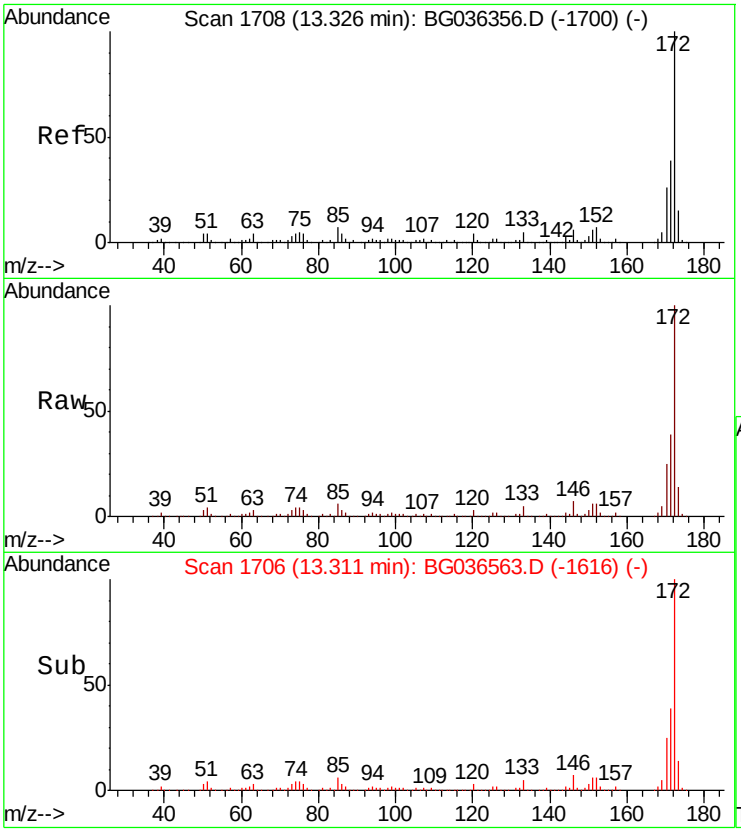


#41
2,4,6-Tribromophenol
Concen: 143.842 ng
RT: 16.17 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BG036563.D
Acq: 5 Sep 2018 16:40

Tgt Ion:330 Resp: 292058

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.4	113.2
141	36.6	30.7	46.1



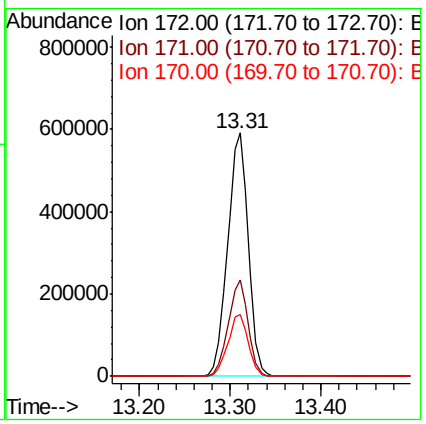


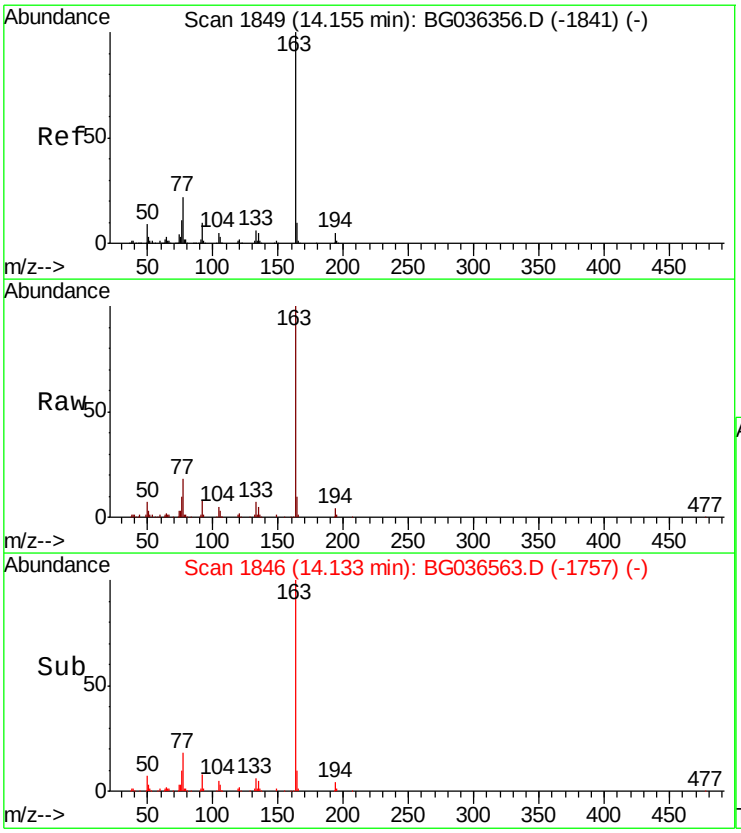
#44
2-Fluorobiphenyl
Concen: 78.578 ng
RT: 13.31 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BG036563.D
Acq: 5 Sep 2018 16:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 936466

Ion	Ratio	Lower	Upper
172	100		
171	39.4	31.3	46.9
170	25.3	21.0	31.6

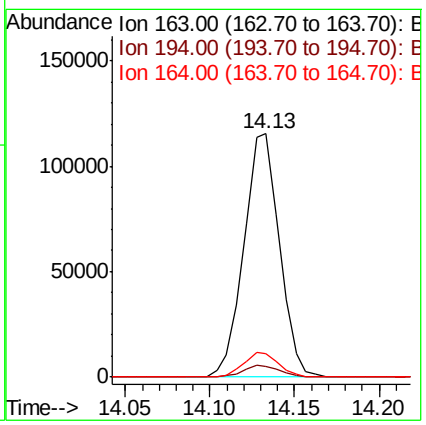


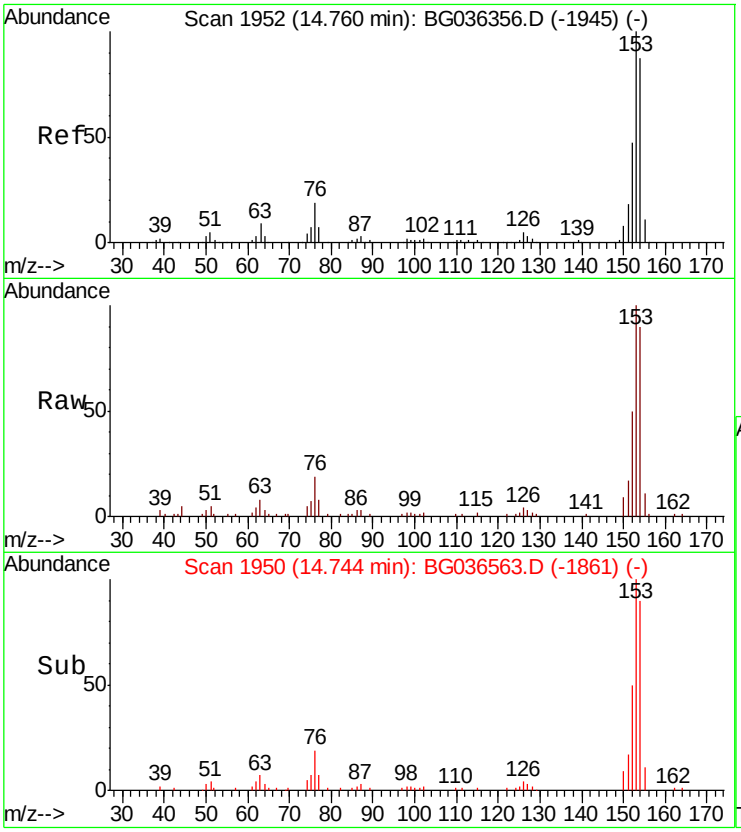


#49
Dimethylphthalate
Concen: 12.170 ng
RT: 14.13 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BG036563.D
Acq: 5 Sep 2018 16:40

Tgt Ion:163 Resp: 169100

Ion	Ratio	Lower	Upper
163	100		
194	4.4	4.0	6.0
164	9.9	8.1	12.1



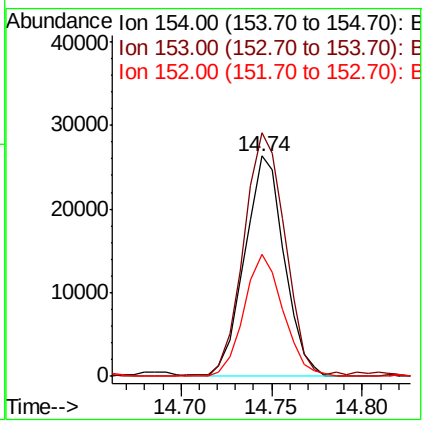


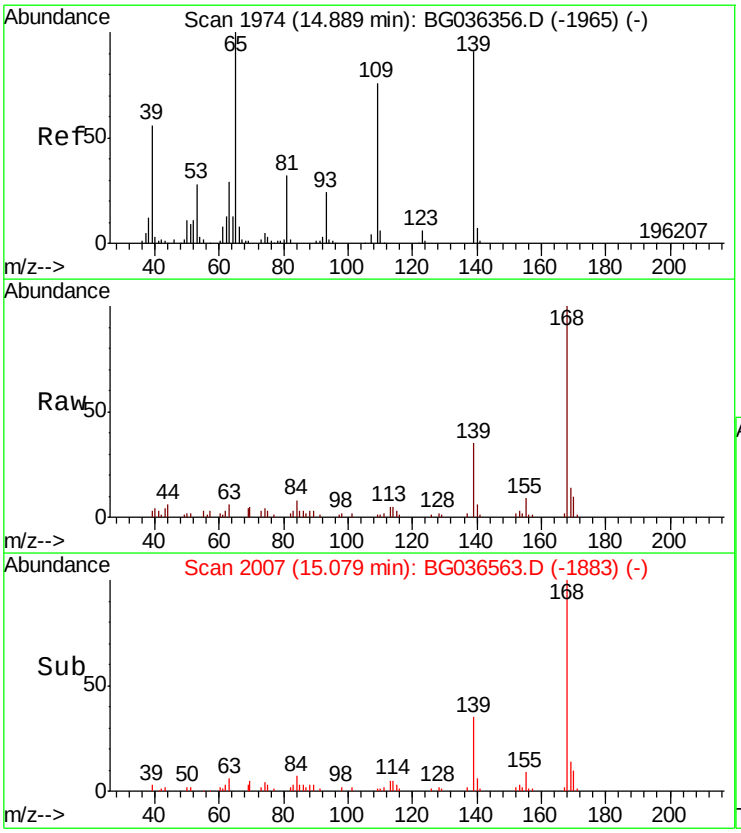
#51
Acenaphthene
Concen: 3.711 ng
RT: 14.74 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG036563.D
Acq: 5 Sep 2018 16:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 40055

Ion	Ratio	Lower	Upper
154	100		
153	110.5	91.8	137.6
152	55.3	43.5	65.3

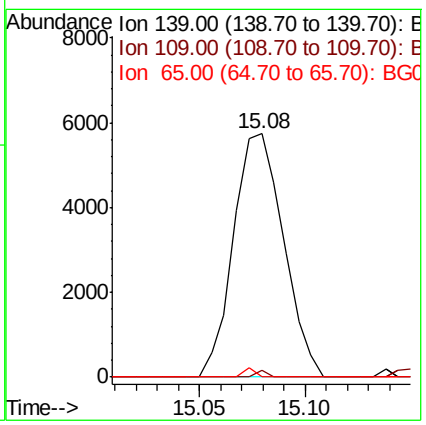


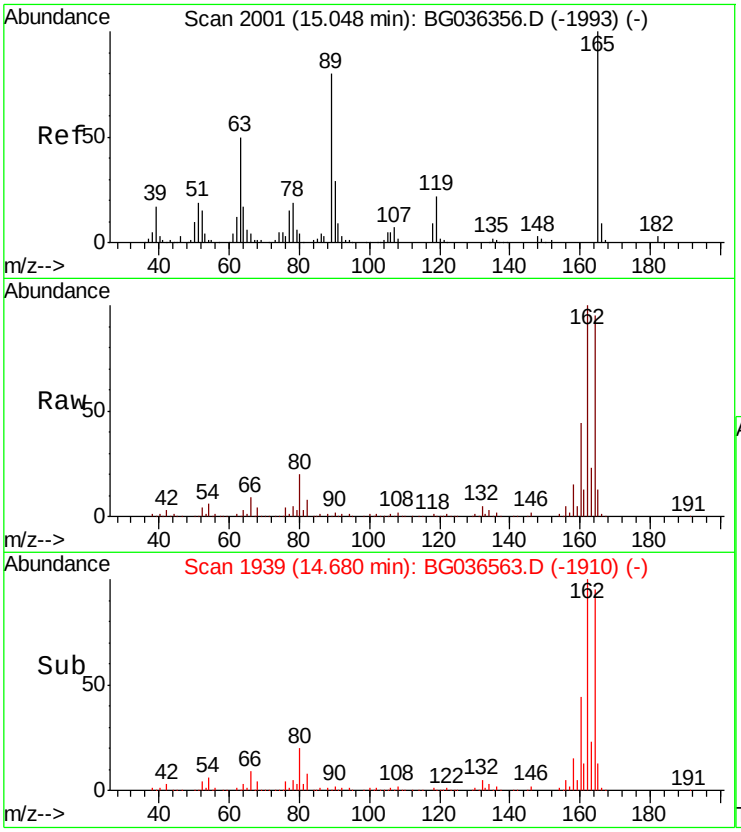


#55
4-Nitrophenol
Concen: 3.735 ng
RT: 15.08 min Scan# 2007
Delta R.T. 0.20 min
Lab File: BG036563.D
Acq: 5 Sep 2018 16:40

Tgt Ion:139 Resp: 9410

Ion	Ratio	Lower	Upper
139	100		
109	2.9	63.9	103.9#
65	0.0	90.0	130.0#



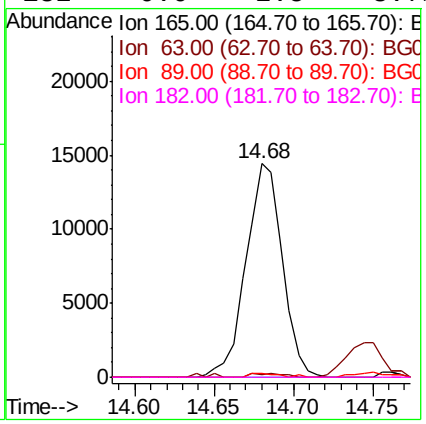


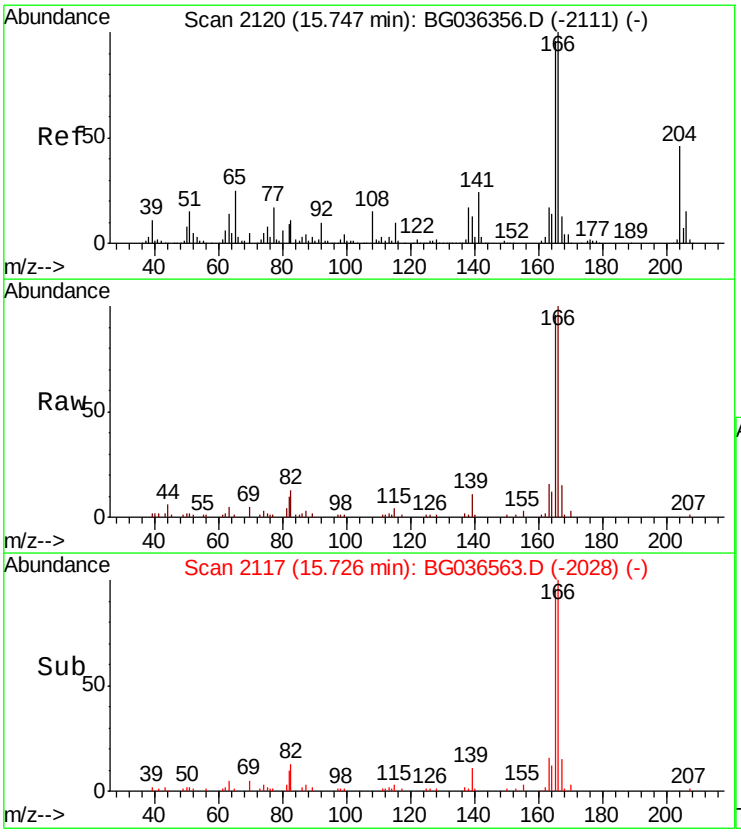
#56
2,4-Dinitrotoluene
Concen: 6.180 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.36 min
Lab File: BG036563.D
Acq: 5 Sep 2018 16:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:165 Resp: 23030

Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.1	60.1#
89	1.7	63.7	95.5#
182	0.0	2.5	3.7#

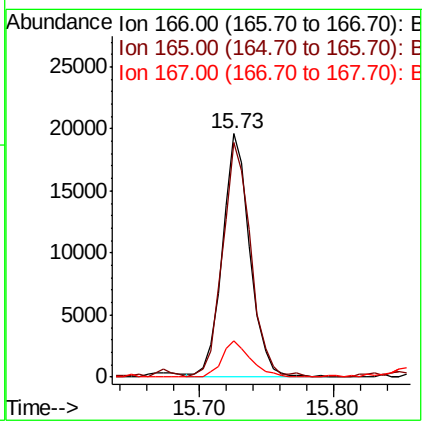


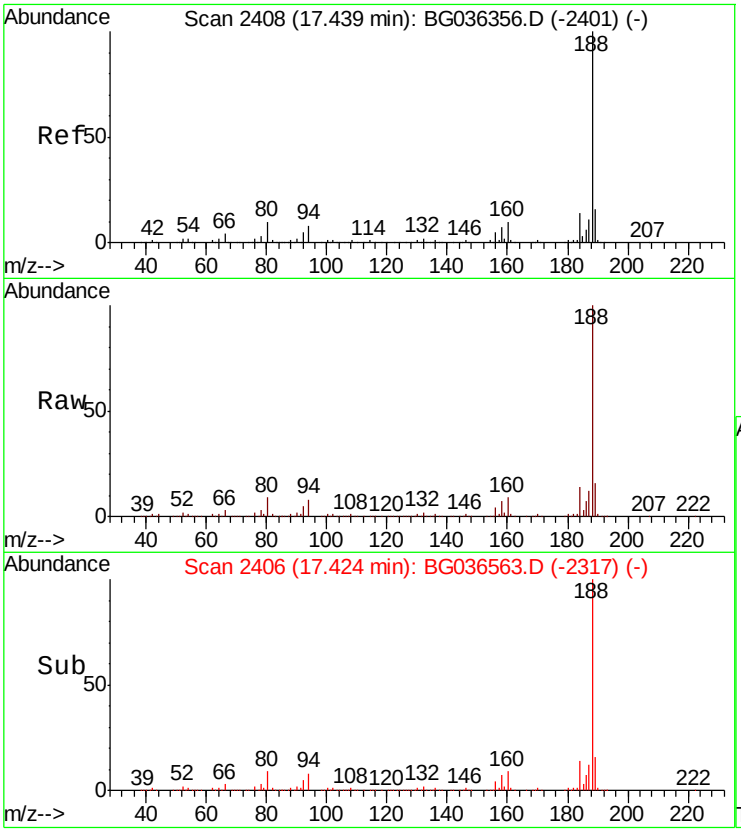


#57
Fluorene
Concen: 2.244 ng
RT: 15.73 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BG036563.D
Acq: 5 Sep 2018 16:40

Tgt Ion:166 Resp: 28359

Ion	Ratio	Lower	Upper
166	100		
165	96.5	77.0	115.4
167	14.8	10.6	16.0



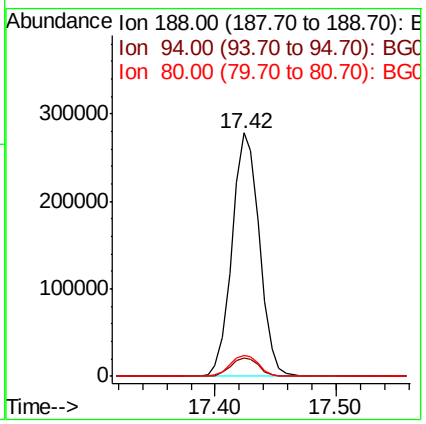


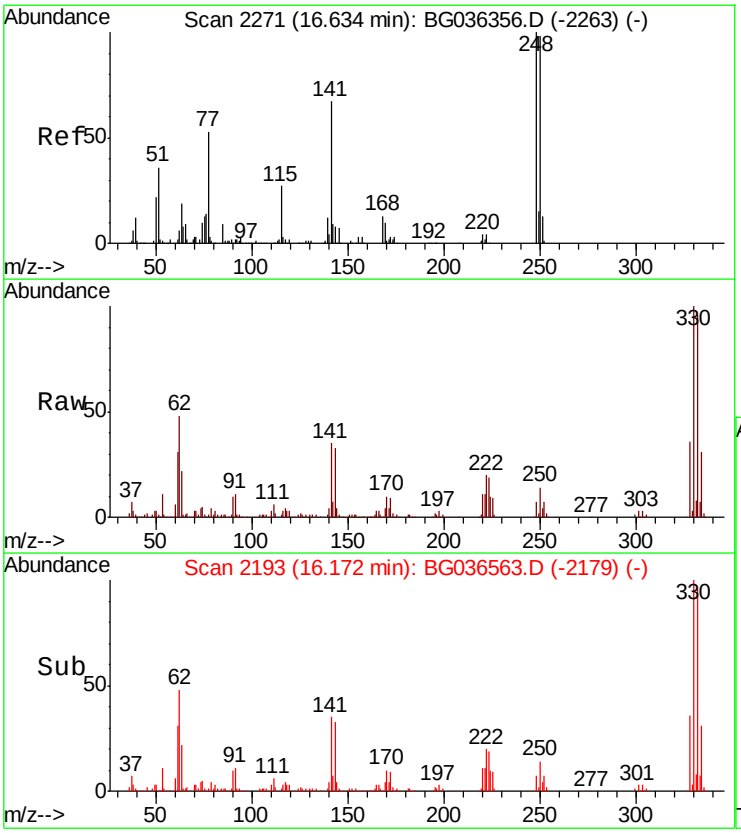
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036563.D
Acq: 5 Sep 2018 16:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 439914

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.7	10.1
80	8.8	8.1	12.1

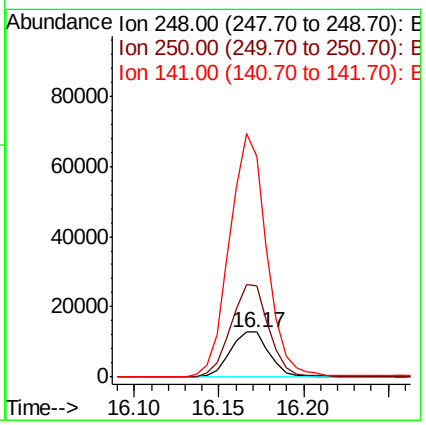


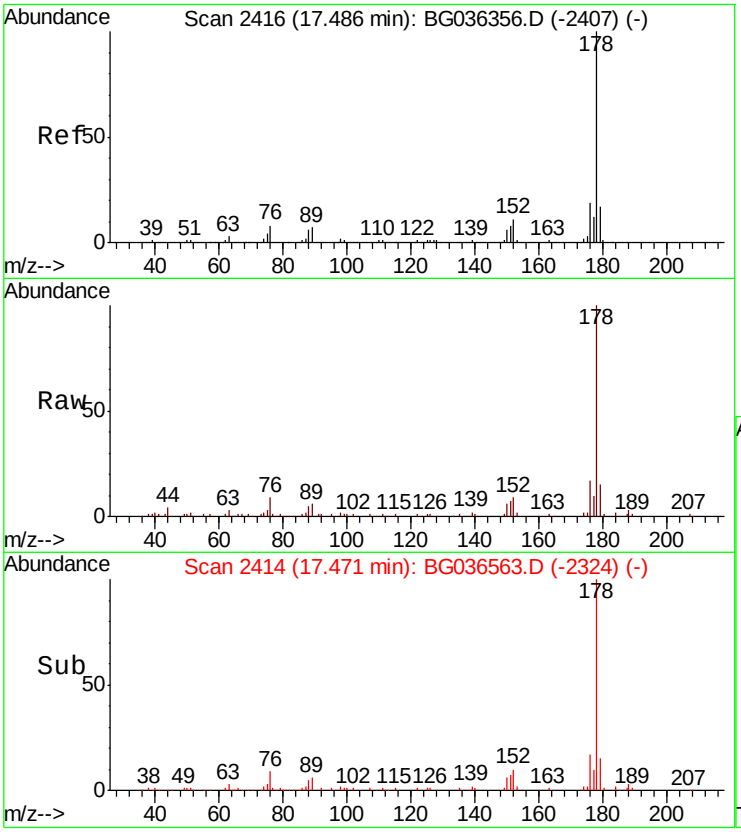


#66
4-Bromophenyl-phenylether
Concen: 3.979 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.45 min
Lab File: BG036563.D
Acq: 5 Sep 2018 16:40

Tgt Ion:248 Resp: 20496

Ion	Ratio	Lower	Upper
248	100		
250	201.7	78.1	117.1#
141	488.4	53.7	80.5#



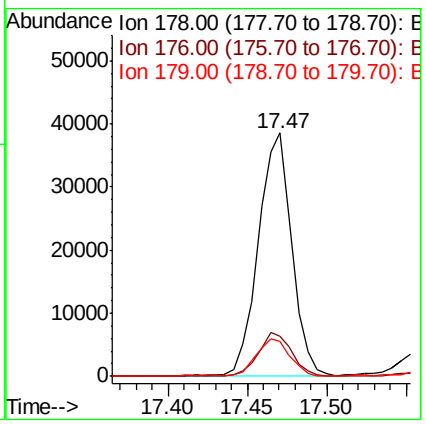


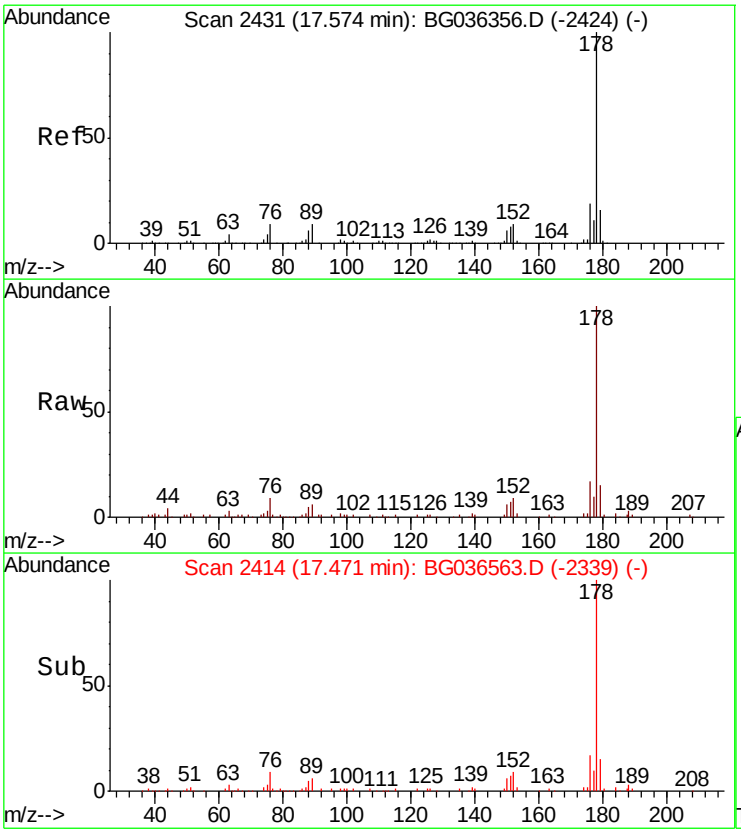
#70
Phenanthrene
Concen: 2.537 ng
RT: 17.47 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BG036563.D
Acq: 5 Sep 2018 16:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 56704

Ion	Ratio	Lower	Upper
178	100		
176	16.7	15.4	23.2
179	14.6	13.4	20.2

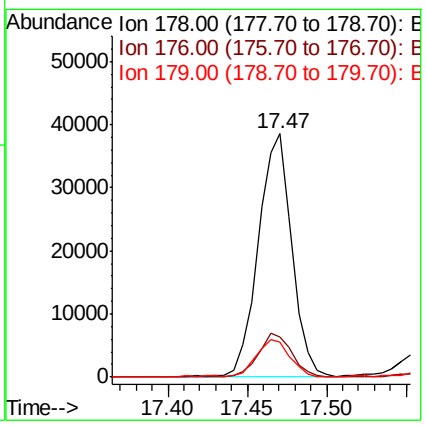


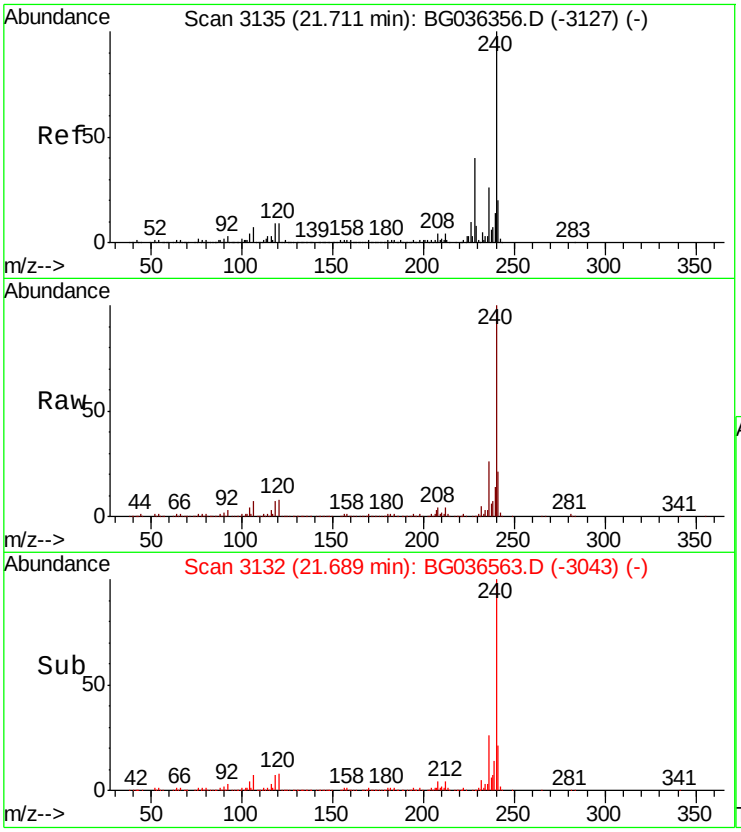


#71
Anthracene
Concen: 2.545 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.09 min
Lab File: BG036563.D
Acq: 5 Sep 2018 16:40

Tgt Ion:178 Resp: 56704

Ion	Ratio	Lower	Upper
178	100		
176	16.7	15.4	23.2
179	14.6	13.0	19.4



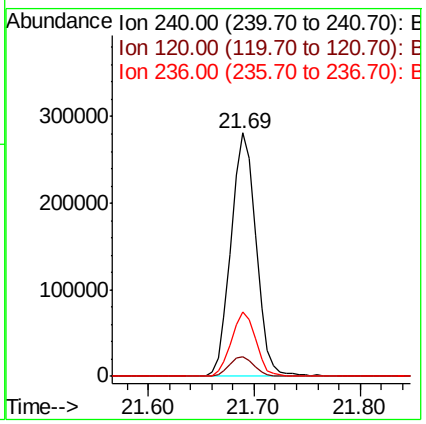


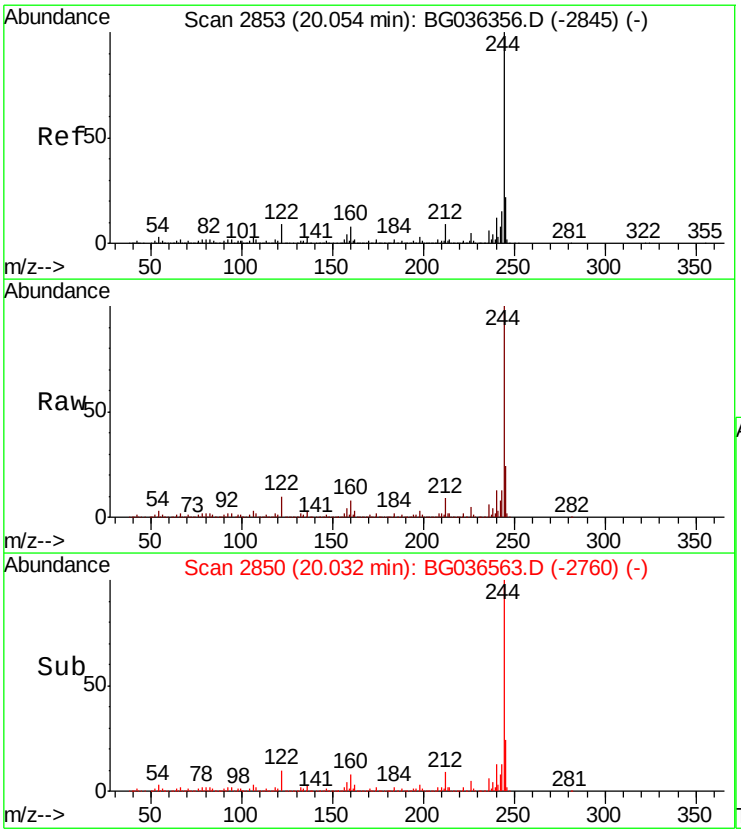
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BG036563.D
Acq: 5 Sep 2018 16:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 460646

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.9	10.3
236	26.5	21.2	31.8

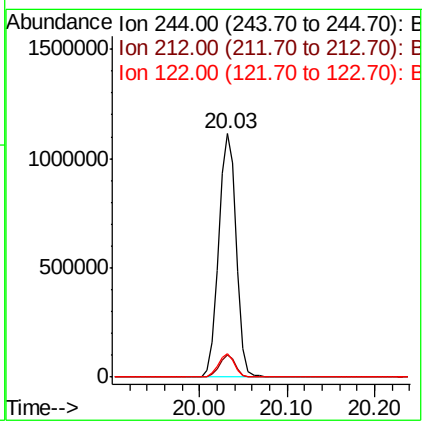


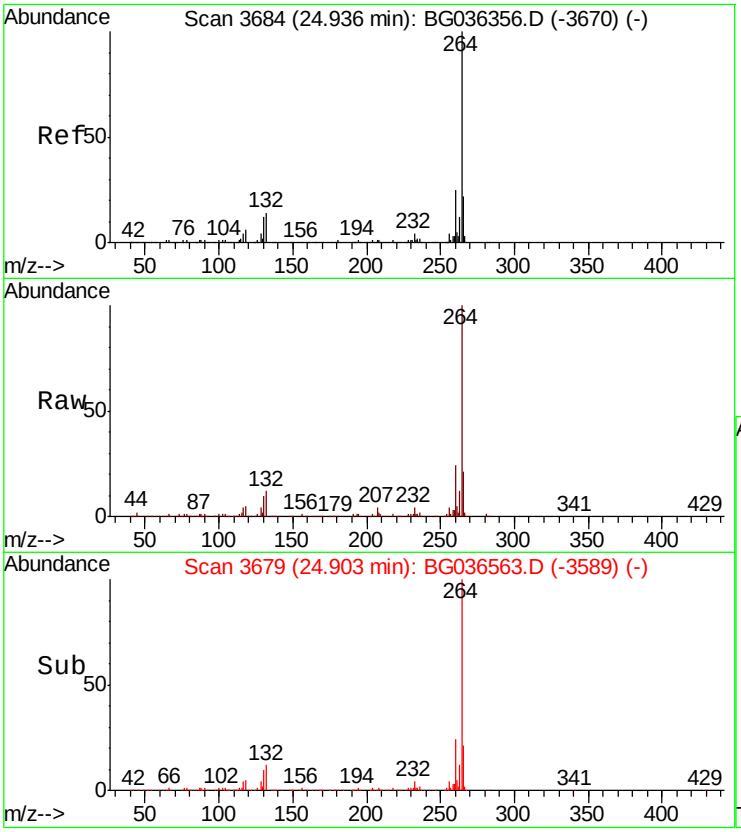


#78
Terphenyl-d14
Concen: 78.607 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG036563.D
Acq: 5 Sep 2018 16:40

Tgt Ion:244 Resp: 1549202

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	9.7	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG036563.D
Acq: 5 Sep 2018 16:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 461322

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.0	17.4	26.0