Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
Data File : BG036747.D
Acq On : 17 Sep 2018 10:12
Operator : JU/SJ
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 18 12:36:52 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	0.00	152	0	0.00	ng	-8.06
21) Naphthalene-d8	10.86	136	65	20.00	ng	0.00
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.69
63) Phenanthrene-d10	17.43	188	507	20.00	ng	0.00
75) Chrysene-d12	21.69	240	790	20.00	ng	0.00
86) Perylene-d12	24.91	264	509	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	20.02	244	356	10.53	ng	-0.01
Target Compounds						Qvalue
28) bis(2-Chloroethoxy)methane	10.27	93	64	43.817	ng	# 50
36) 4-Chloro-3-methylphenol	12.38	107	56	46.399	ng	# 20
68) Atrazine	17.07	200	9281	1641.341	ng	# 35
69) Pentachlorophenol	17.07	266	45706	11079.722	ng	98
70) Phenanthrene	17.56	178	57	2.213	ng	# 59
71) Anthracene	17.56	178	57	2.220	ng	# 60
72) Carbazole	17.85	167	3412	133.039	ng	# 77
73) Di-n-butylphthalate	18.37	149	221	7.738	ng	# 76
76) Benzidine	19.64	184	325837	12927.716	ng	98
79) Butylbenzylphthalate	20.75	149	176	9.103	ng	# 20
81) 3,3'-Dichlorobenzidine	21.65	252	53	2.779	ng	# 25
83) Bis(2-ethylhexyl)phthalate	21.57	149	604	22.325	ng	# 52
84) Di-n-octyl phthalate	22.79	149	380	8.409	ng	# 1
87) Benzo(b)fluoranthene	23.87	252	57	2.017	ng	# 61
88) Benzo(k)fluoranthene	23.87	252	57	2.064	ng	# 59
89) Benzo(a)pyrene	24.92	252	123	4.529	ng	# 1

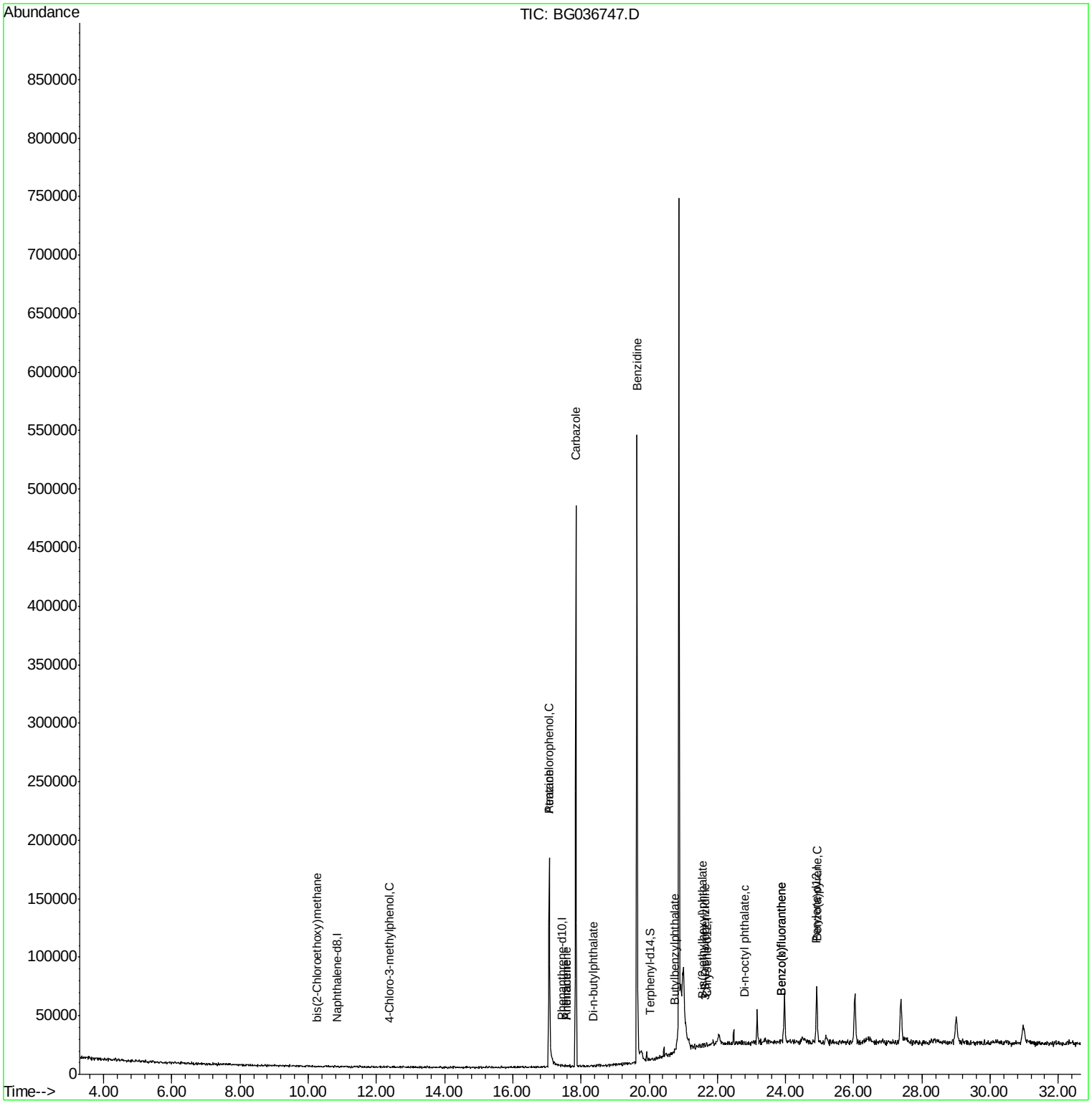
(#) = qualifier out of range (m) = manual integration (+) = signals summed

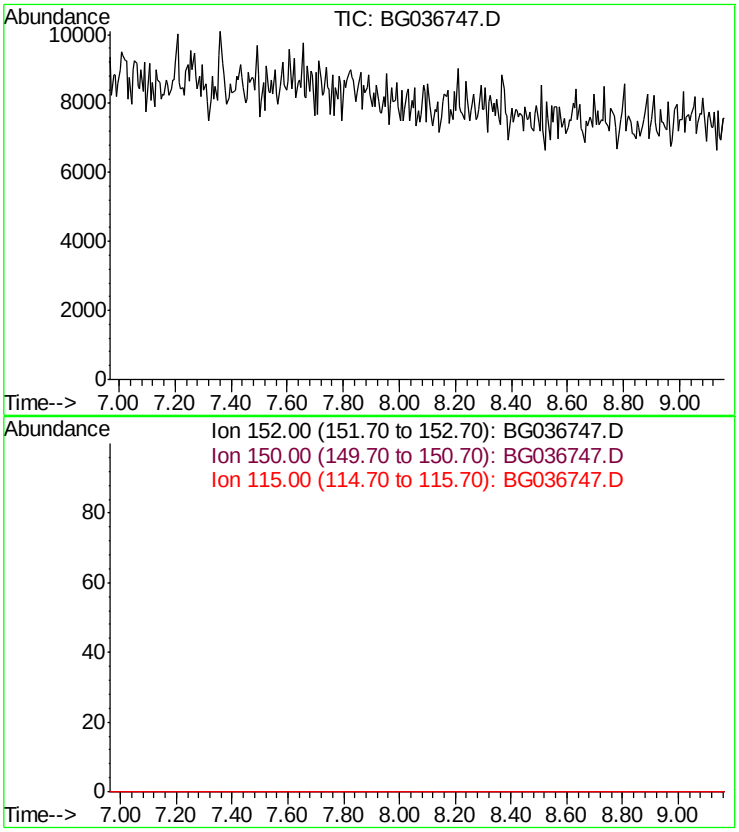
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
Data File : BG036747.D
Acq On : 17 Sep 2018 10:12
Operator : JU/SJ
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 18 12:36:52 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





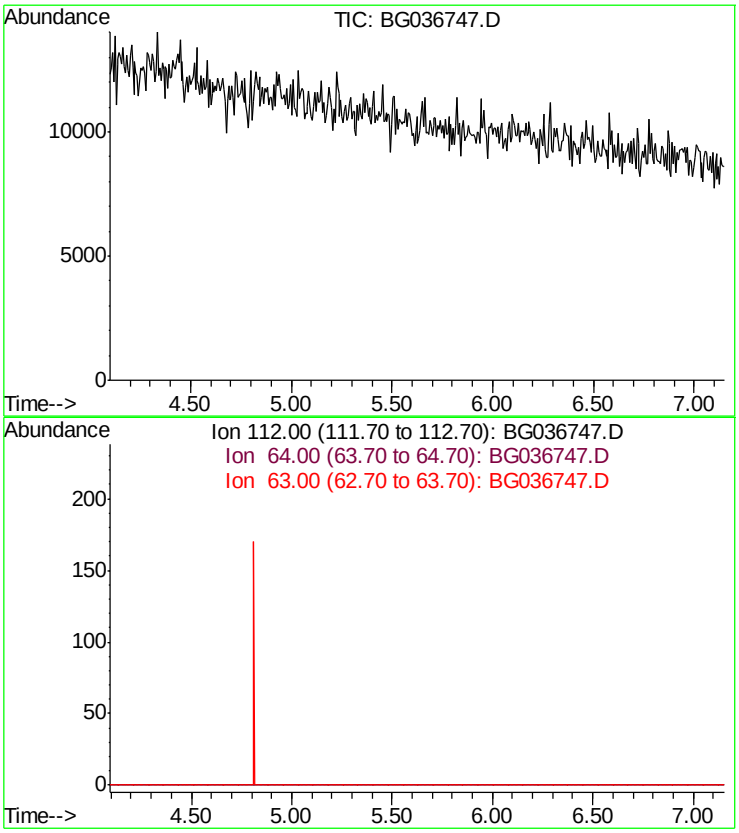
#1
1,4-Dichlorobenzene-d4
Concen: 0.000 ng
Expected RT: 8.06 min

Lab File: BG036747.D
Acq: 17 Sep 2018 10:12

Tgt Ion: 152

Sig	Exp Ratio
152	100
150	149.4
115	55.6

Instrument :
BNA_G
ClientSampleId :

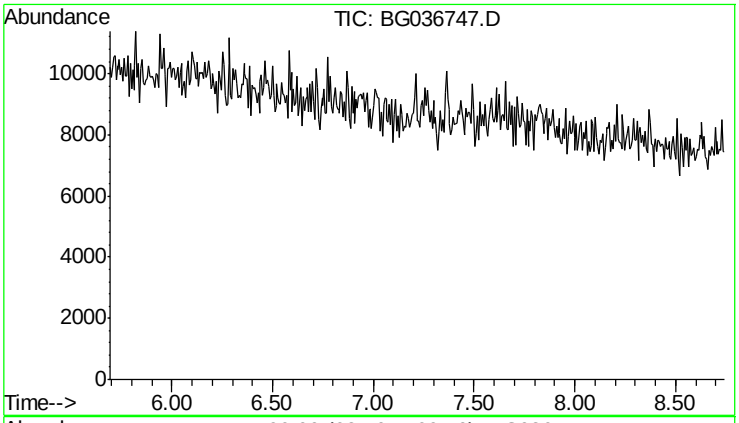


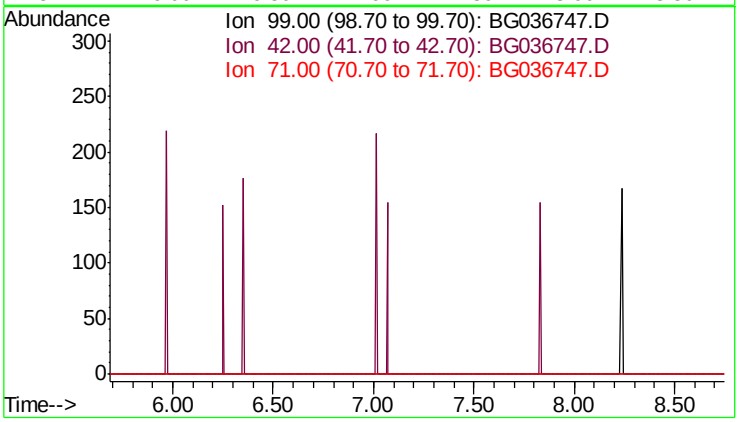
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.63 min

Lab File: BG036747.D
Acq: 17 Sep 2018 10:12

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	71.5
63	38.5





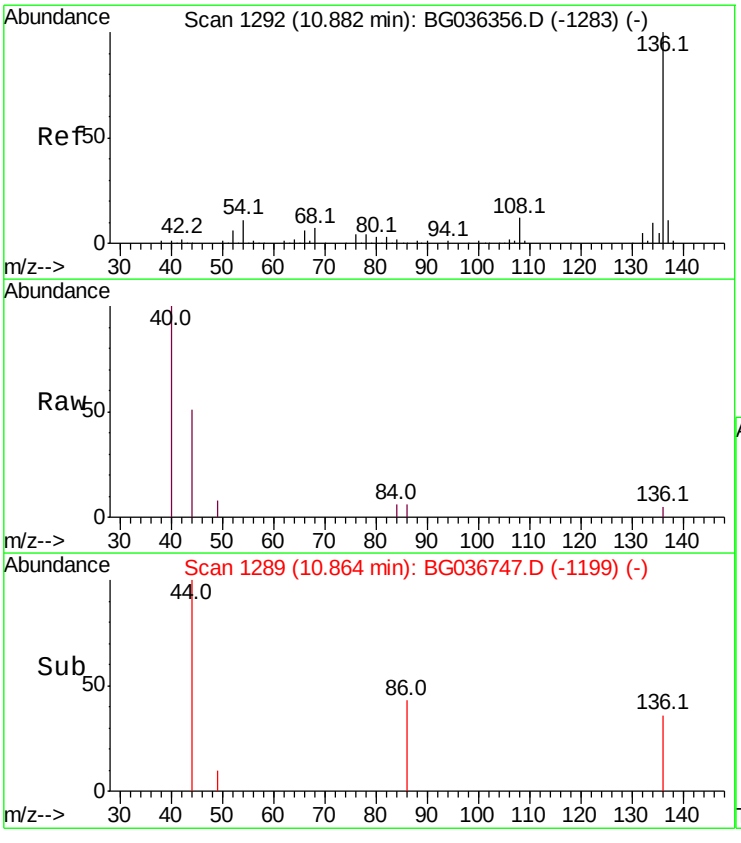
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 7.22 min

Lab File: BG036747.D
Acq: 17 Sep 2018 10:12

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	20.6
71	36.8

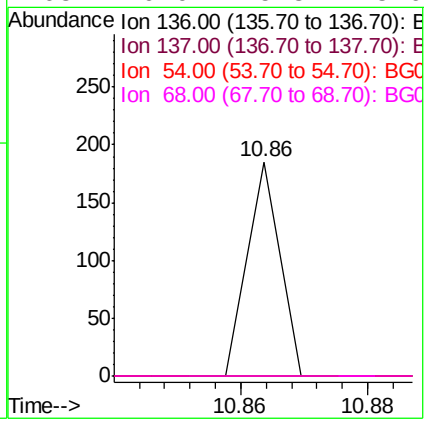
Instrument :
BNA_G
ClientSampleId :

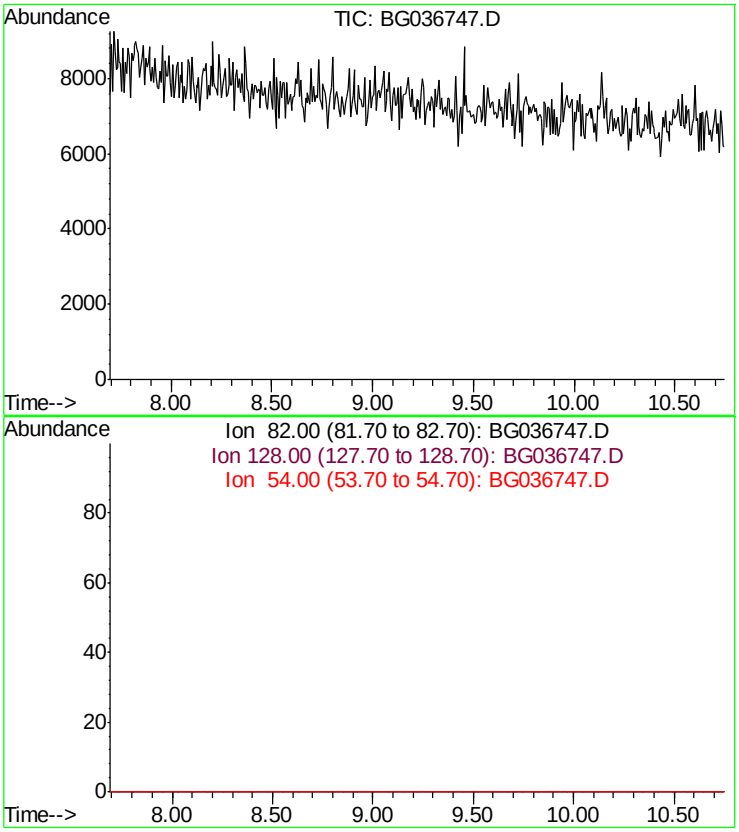


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036747.D
Acq: 17 Sep 2018 10:12

Tgt Ion:136 Resp: 65

Ion	Ratio	Lower	Upper
136	100		
137	0.0	8.8	13.2#
54	0.0	9.2	13.8#
68	0.0	5.8	8.6#





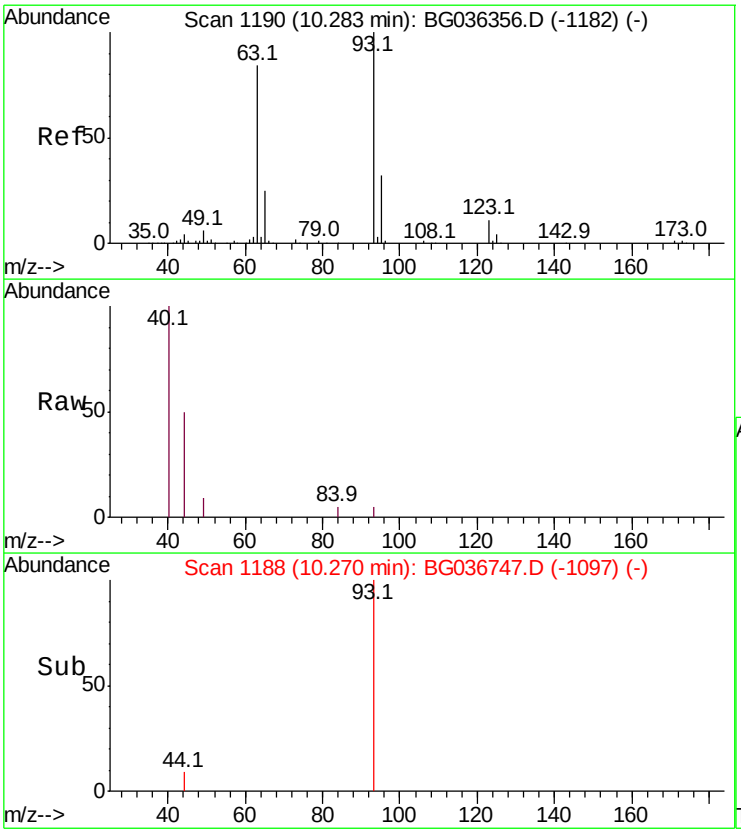
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 9.22 min

Lab File: BG036747.D
Acq: 17 Sep 2018 10:12

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	41.6
54	56.4

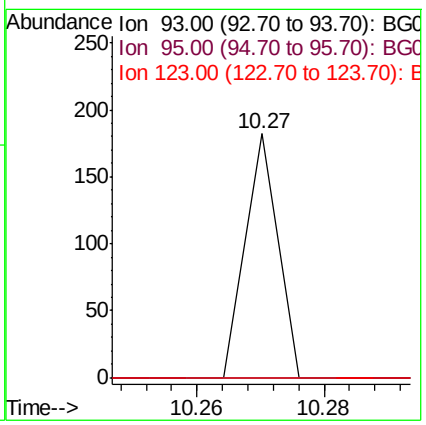
Instrument :
BNA_G
ClientSampleId :

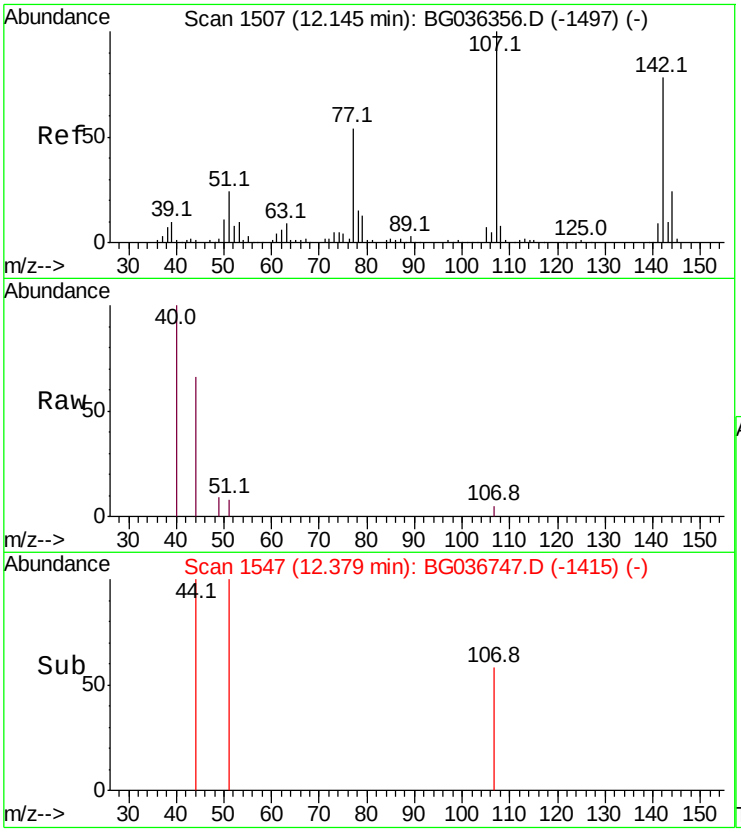


#28
bis(2-Chloroethoxy)methane
Concen: 43.817 ng
RT: 10.27 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BG036747.D
Acq: 17 Sep 2018 10:12

Tgt Ion: 93 Resp: 64

Ion	Ratio	Lower	Upper
93	100		
95	0.0	25.2	37.8#
123	0.0	8.6	12.8#



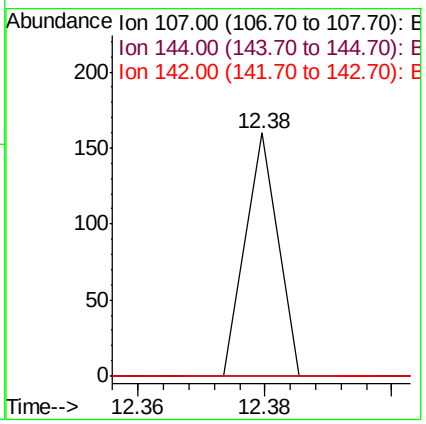


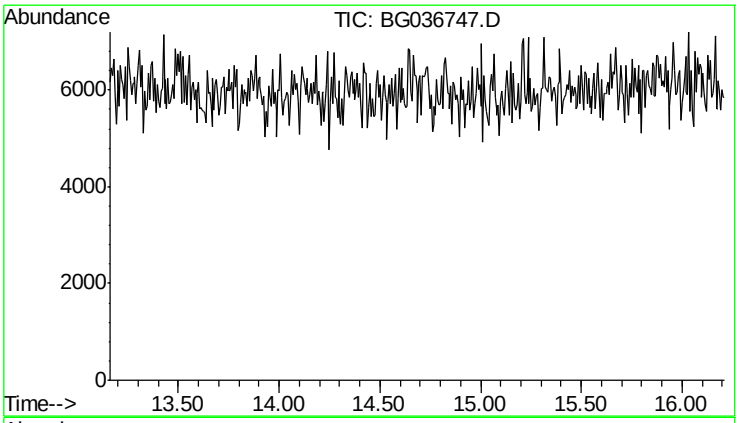
#36
4-Chloro-3-methylphenol
Concen: 46.399 ng
RT: 12.38 min Scan# 1547
Delta R.T. 0.24 min
Lab File: BG036747.D
Acq: 17 Sep 2018 10:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 56

Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.5	29.3#
142	0.0	62.4	93.6#



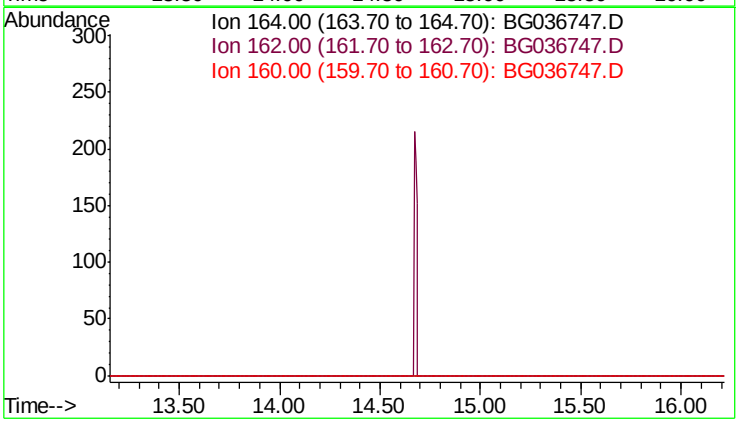


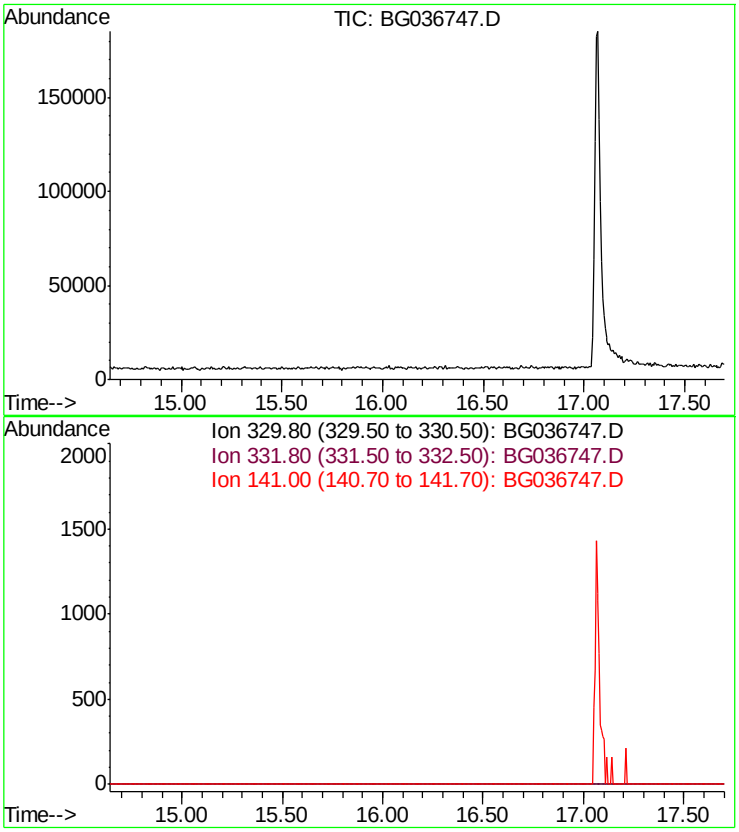
#38
Acenaphthene-d10
Concen: 0.000 ng
Expected RT: 14.69 min

Lab File: BG036747.D
Acq: 17 Sep 2018 10:12

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	100.9
160	44.1





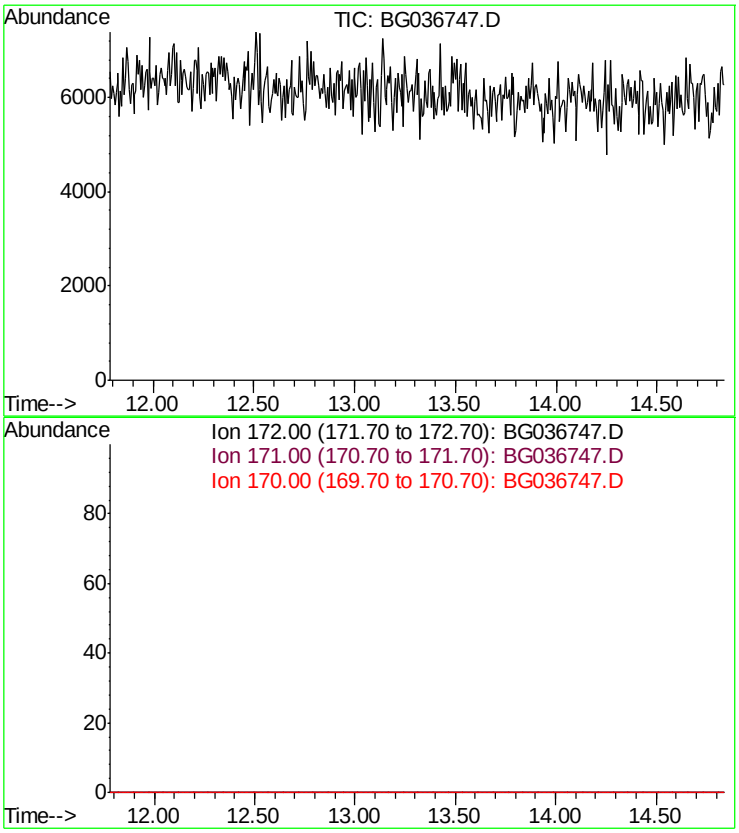
#41
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 16.17 min

Lab File: BG036747.D
Acq: 17 Sep 2018 10:12

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	94.3
141	38.4

Instrument :
BNA_G
ClientSampleId :

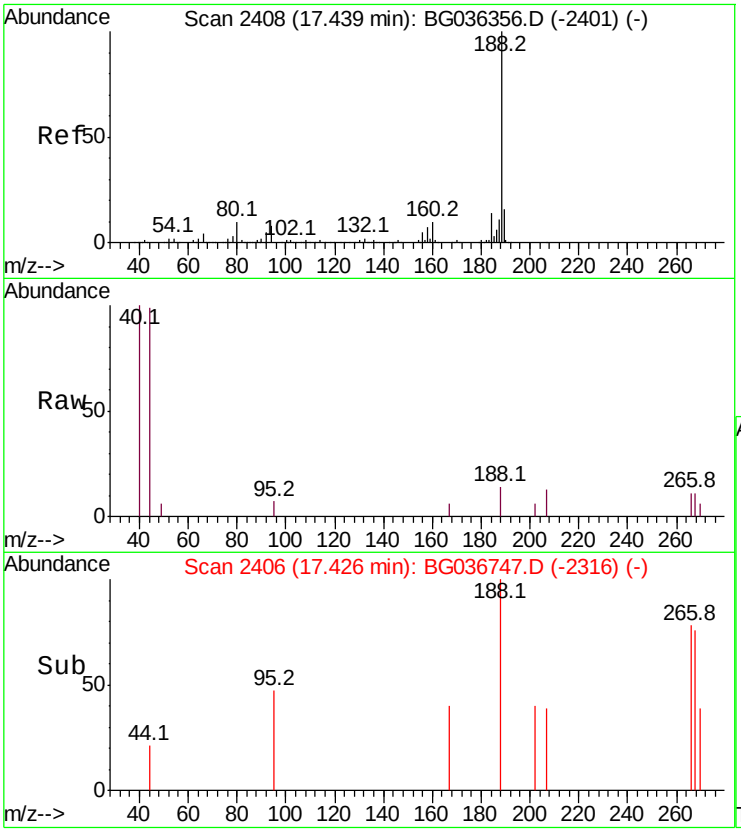


#44
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.31 min

Lab File: BG036747.D
Acq: 17 Sep 2018 10:12

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	39.1
170	26.3

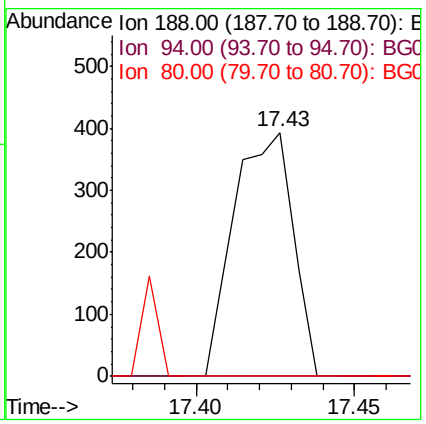


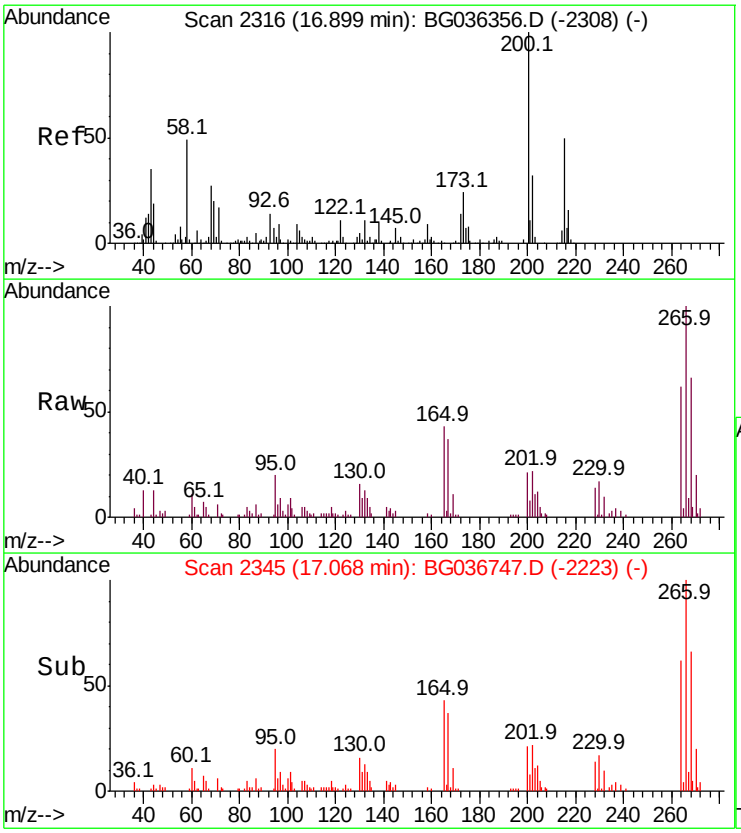
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG036747.D
Acq: 17 Sep 2018 10:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 507

Ion	Ratio	Lower	Upper
188	100		
94	0.0	6.7	10.1#
80	0.0	8.1	12.1#

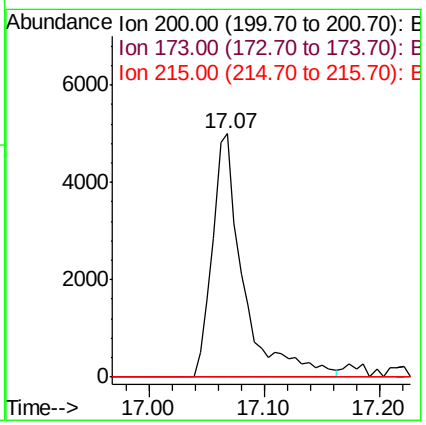


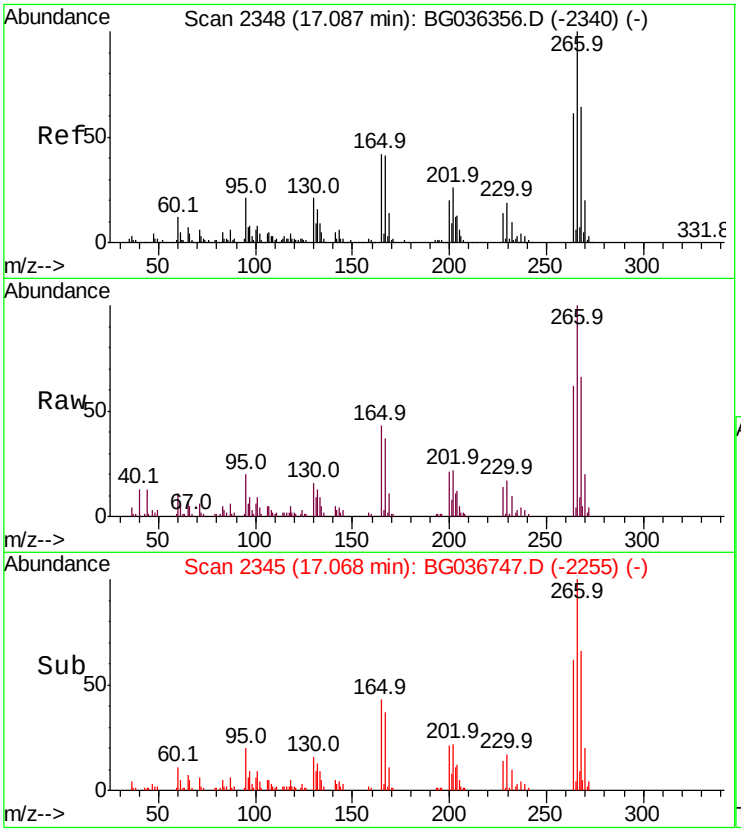


#68
Atrazine
Concen: 1641.341 ng
RT: 17.07 min Scan# 2345
Delta R.T. 0.19 min
Lab File: BG036747.D
Acq: 17 Sep 2018 10:12

Tgt Ion:200 Resp: 9281

Ion	Ratio	Lower	Upper
200	100		
173	0.0	3.9	43.9#
215	0.0	30.4	70.4#



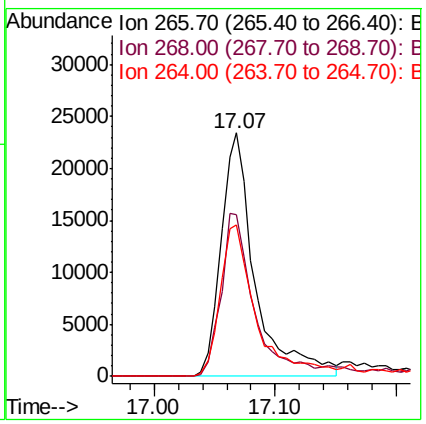


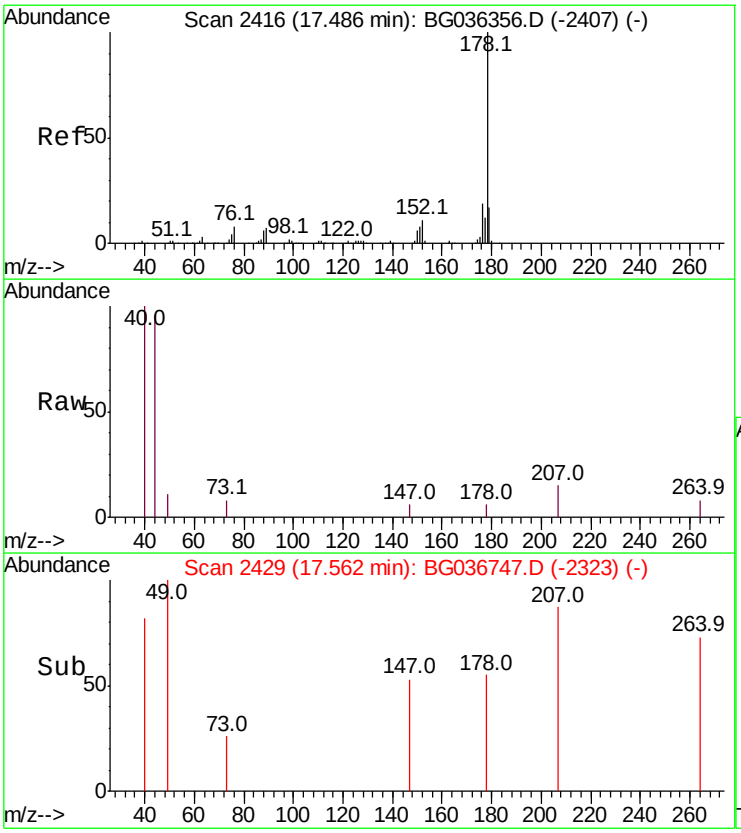
#69
Pentachlorophenol
Concen: 11079.722 ng
RT: 17.07 min Scan# 2345
Delta R.T. -0.00 min
Lab File: BG036747.D
Acq: 17 Sep 2018 10:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:266 Resp: 45706

Ion	Ratio	Lower	Upper
266	100		
268	66.4	51.4	77.2
264	62.1	48.9	73.3

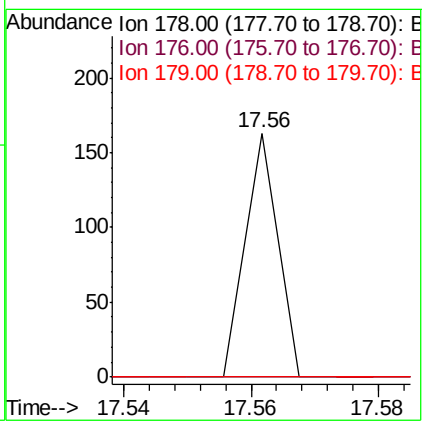


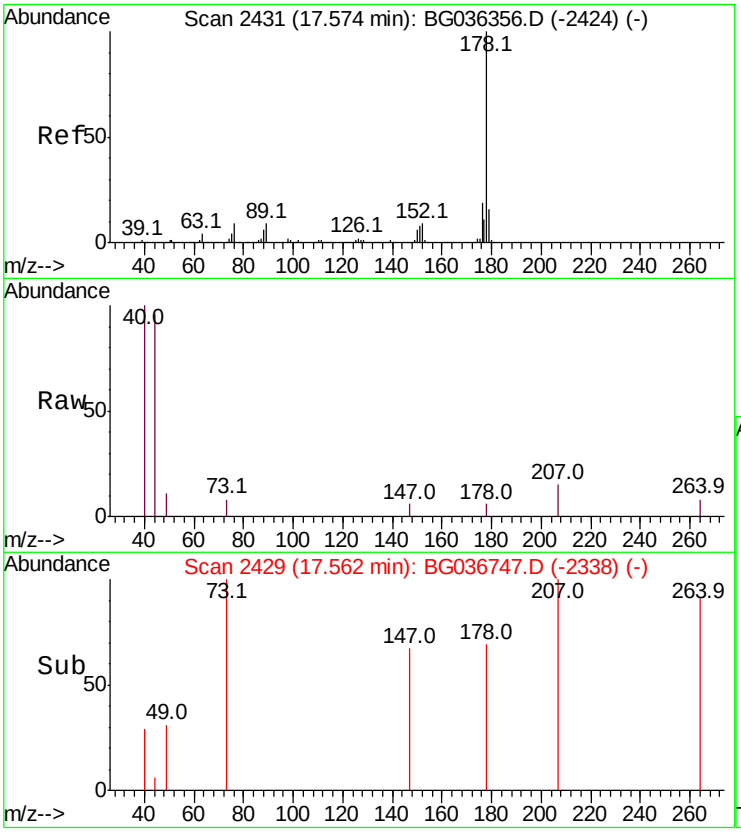


#70
Phenanthrene
Concen: 2.213 ng
RT: 17.56 min Scan# 2429
Delta R.T. 0.09 min
Lab File: BG036747.D
Acq: 17 Sep 2018 10:12

Tgt Ion:178 Resp: 57

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.4	23.2#
179	0.0	13.4	20.2#



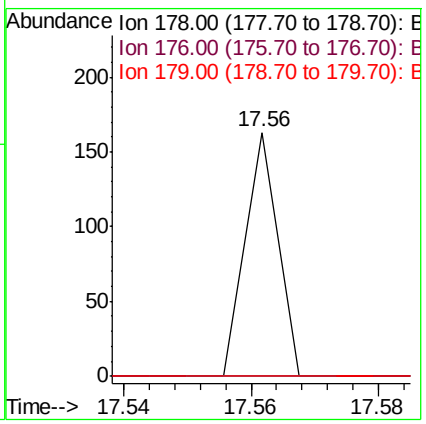


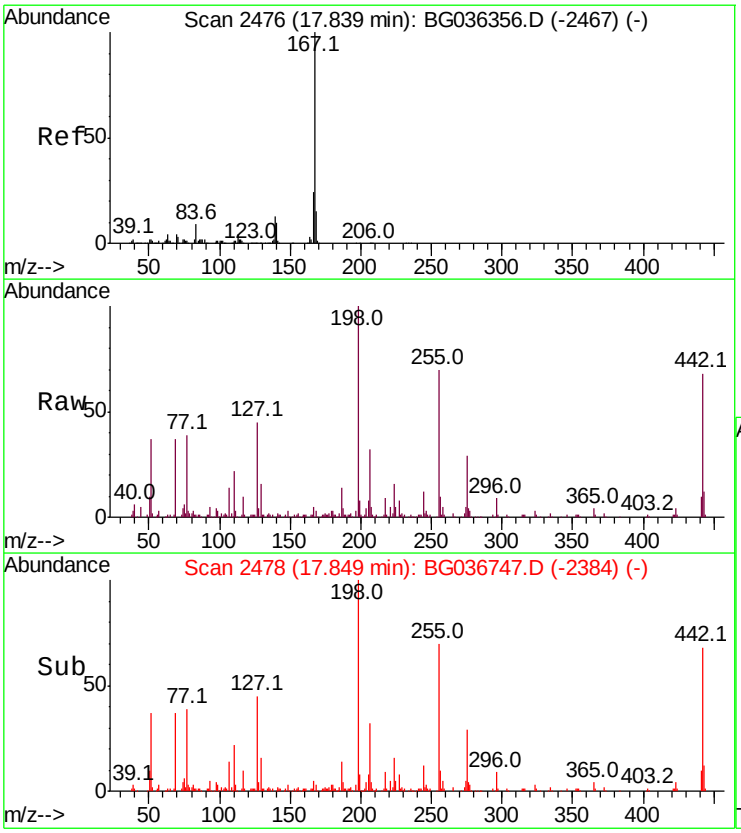
#71
Anthracene
Concen: 2.220 ng
RT: 17.56 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BG036747.D
Acq: 17 Sep 2018 10:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 57

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.4	23.2#
179	0.0	13.0	19.4#

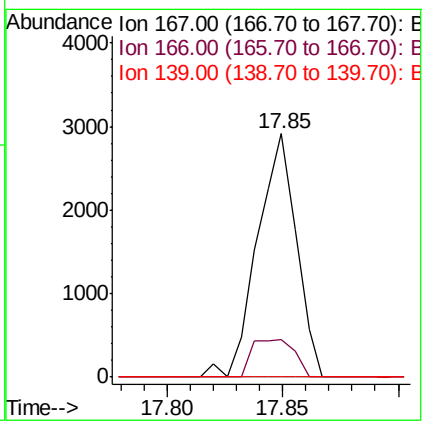


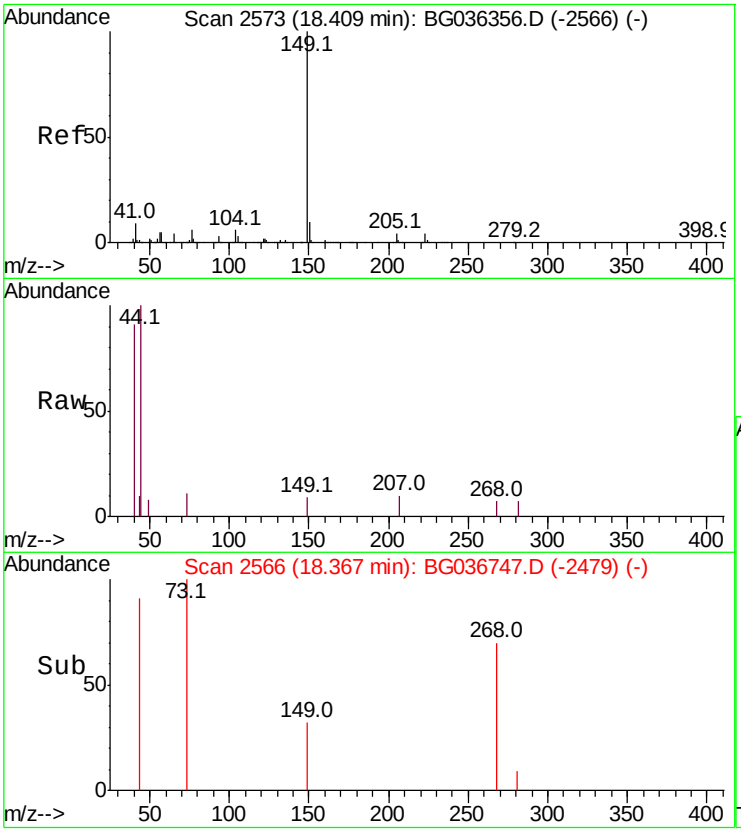


#72
Carbazole
Concen: 133.039 ng
RT: 17.85 min Scan# 2478
Delta R.T. 0.02 min
Lab File: BG036747.D
Acq: 17 Sep 2018 10:12

Tgt Ion:167 Resp: 3412

Ion	Ratio	Lower	Upper
167	100		
166	15.6	19.5	29.3#
139	0.0	10.7	16.1#



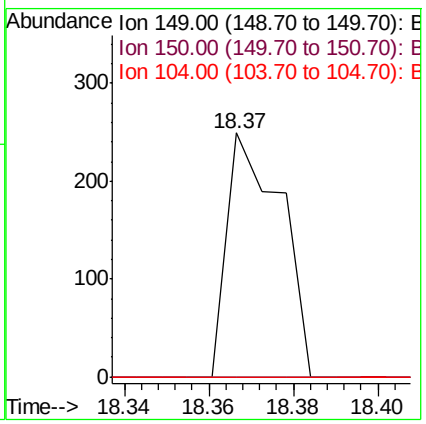


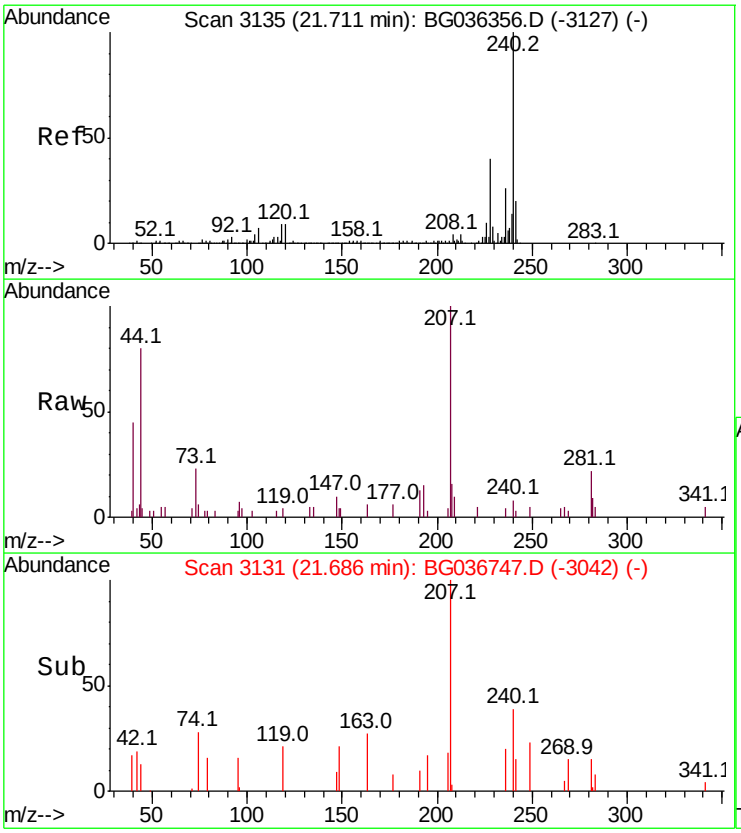
#73
Di-n-butylphthalate
Concen: 7.738 ng
RT: 18.37 min Scan# 2566
Delta R.T. -0.02 min
Lab File: BG036747.D
Acq: 17 Sep 2018 10:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 221

Ion	Ratio	Lower	Upper
149	100		
150	0.0	8.1	12.1#
104	0.0	4.6	6.8#

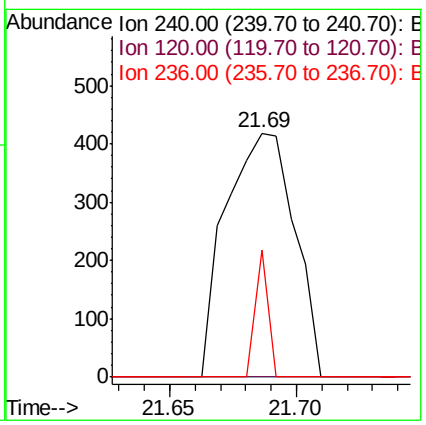


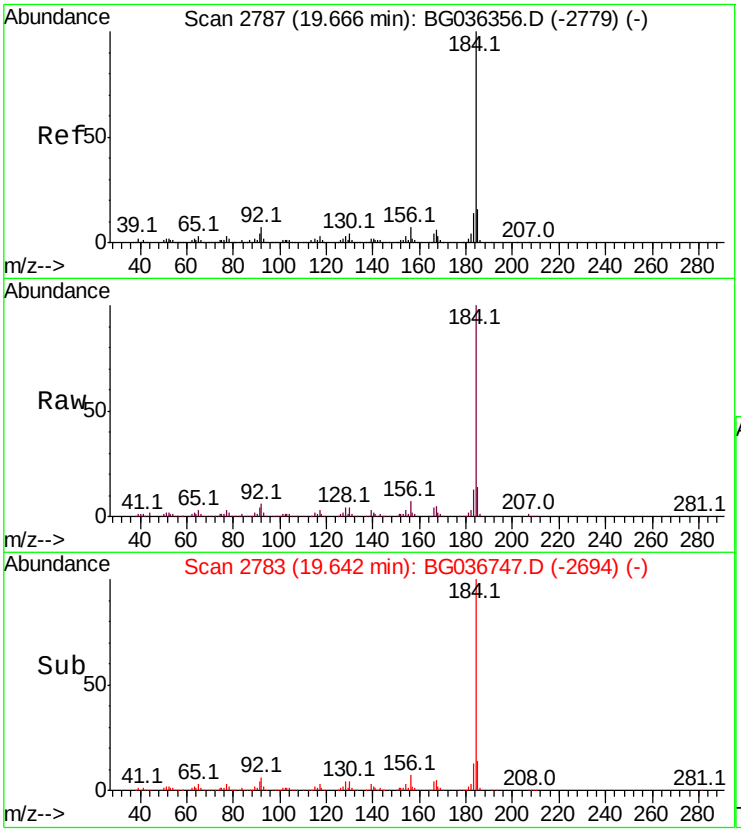


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036747.D
Acq: 17 Sep 2018 10:12

Tgt Ion:240 Resp: 790

Ion	Ratio	Lower	Upper
240	100		
120	0.0	6.9	10.3#
236	52.2	21.2	31.8#



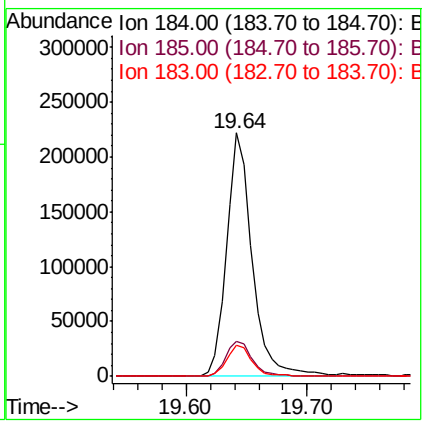


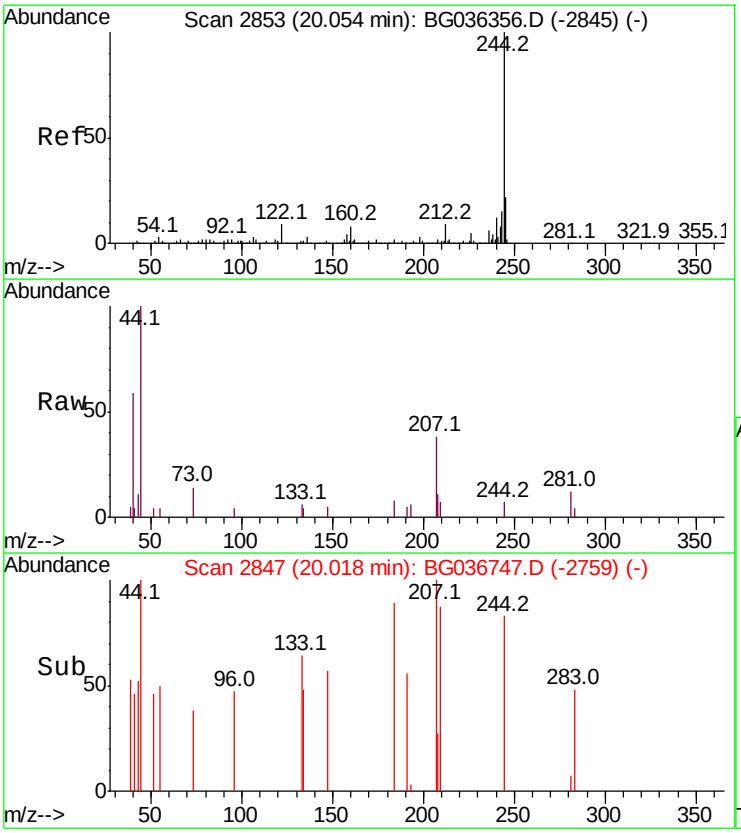
#76
Benzidine
Concen: 12927.716 ng
RT: 19.64 min Scan# 2783
Delta R.T. -0.01 min
Lab File: BG036747.D
Acq: 17 Sep 2018 10:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 325837

Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	18.8
183	12.9	10.9	16.3

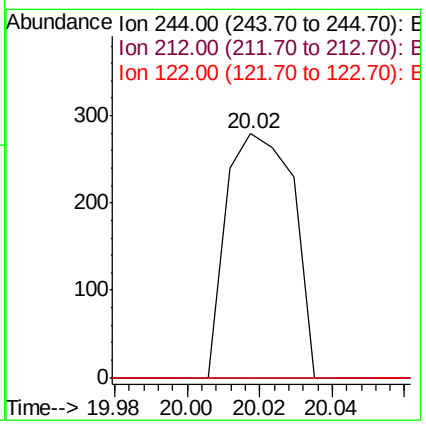


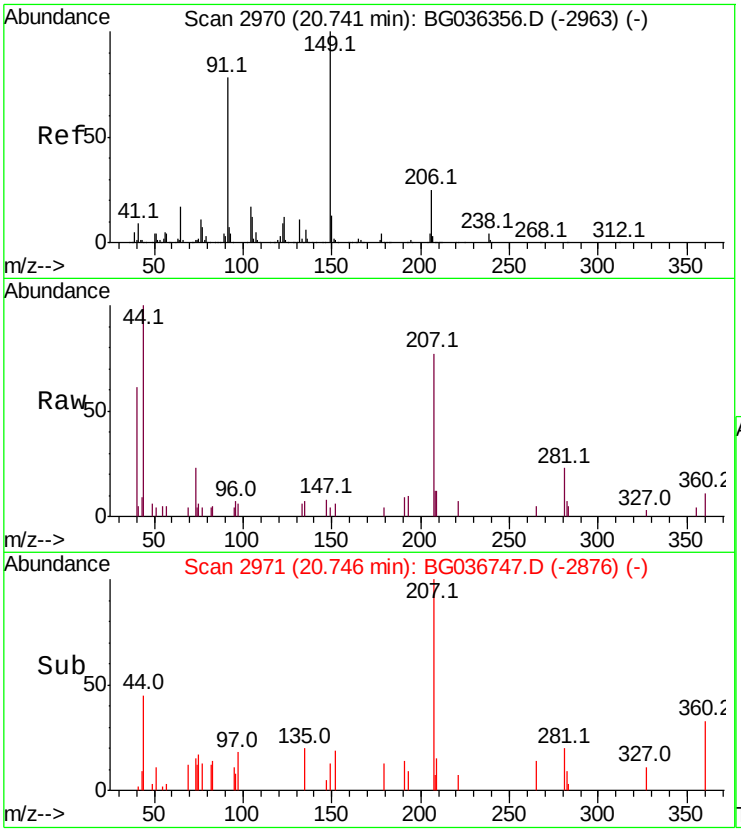


#78
Terphenyl-d14
Concen: 10.533 ng
RT: 20.02 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG036747.D
Acq: 17 Sep 2018 10:12

Tgt Ion:244 Resp: 356

Ion	Ratio	Lower	Upper
244	100		
212	0.0	7.0	10.6#
122	0.0	7.1	10.7#



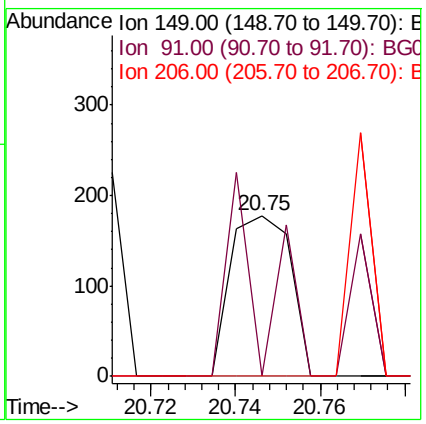


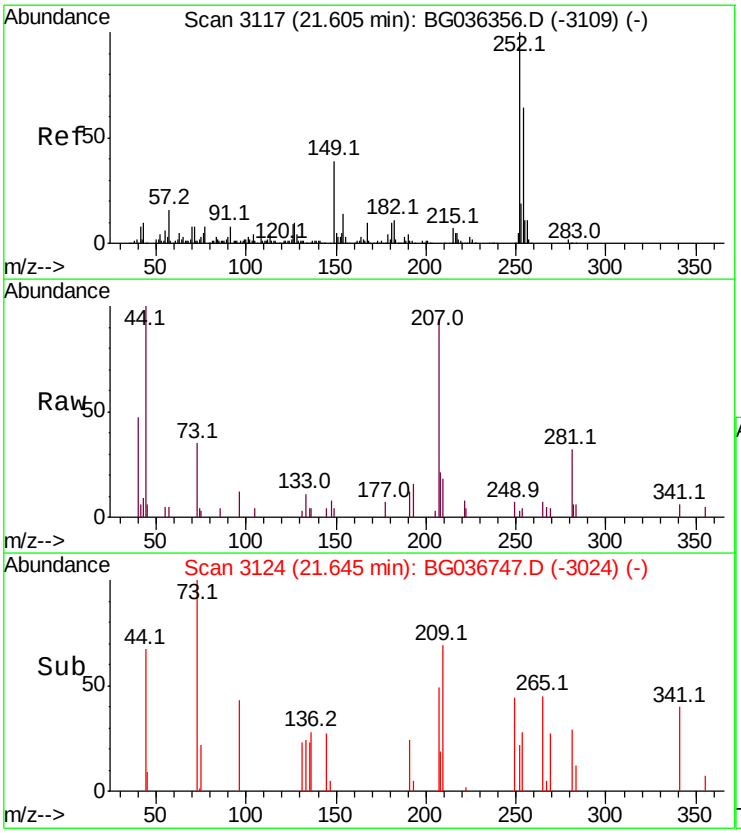
#79
Butylbenzylphthalate
Concen: 9.103 ng
RT: 20.75 min Scan# 2971
Delta R.T. 0.03 min
Lab File: BG036747.D
Acq: 17 Sep 2018 10:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 176

Ion	Ratio	Lower	Upper
149	100		
91	0.0	62.0	93.0#
206	0.0	19.6	29.4#

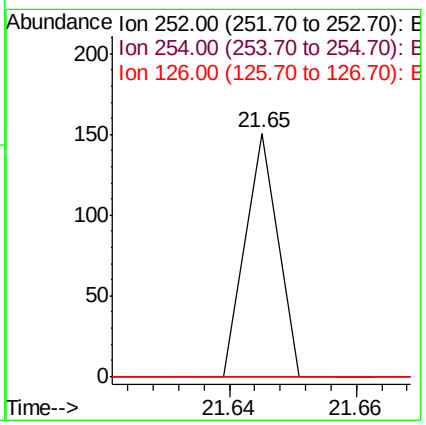


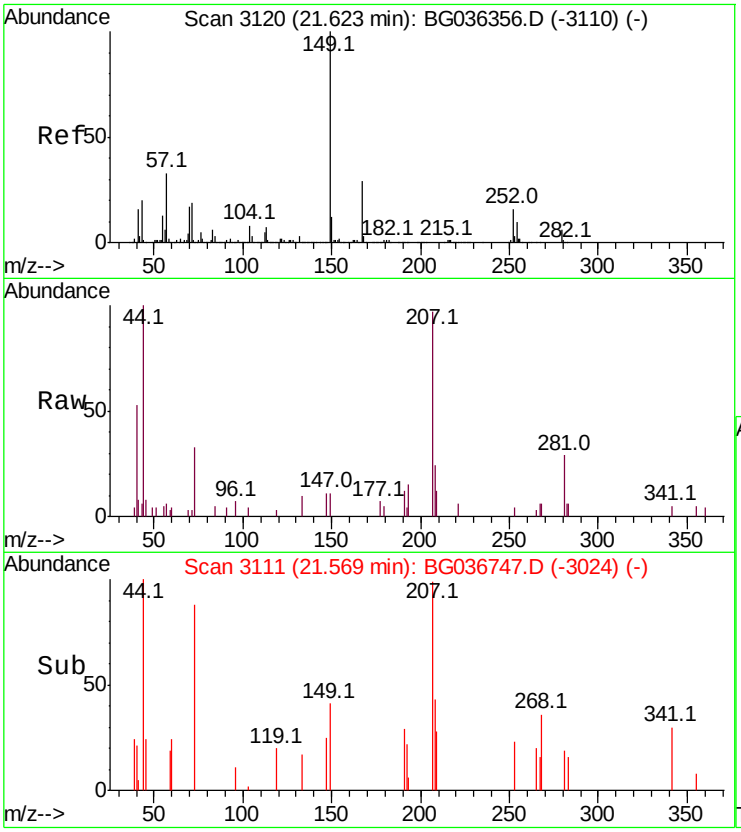


#81
3,3'-Dichlorobenzidine
Concen: 2.779 ng
RT: 21.65 min Scan# 3124
Delta R.T. 0.06 min
Lab File: BG036747.D
Acq: 17 Sep 2018 10:12

Tgt Ion:252 Resp: 53

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.0	76.4#
126	0.0	7.4	11.0#



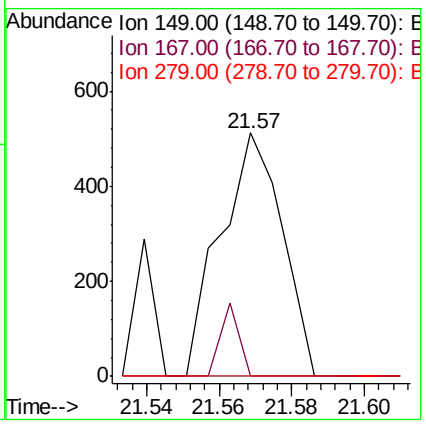


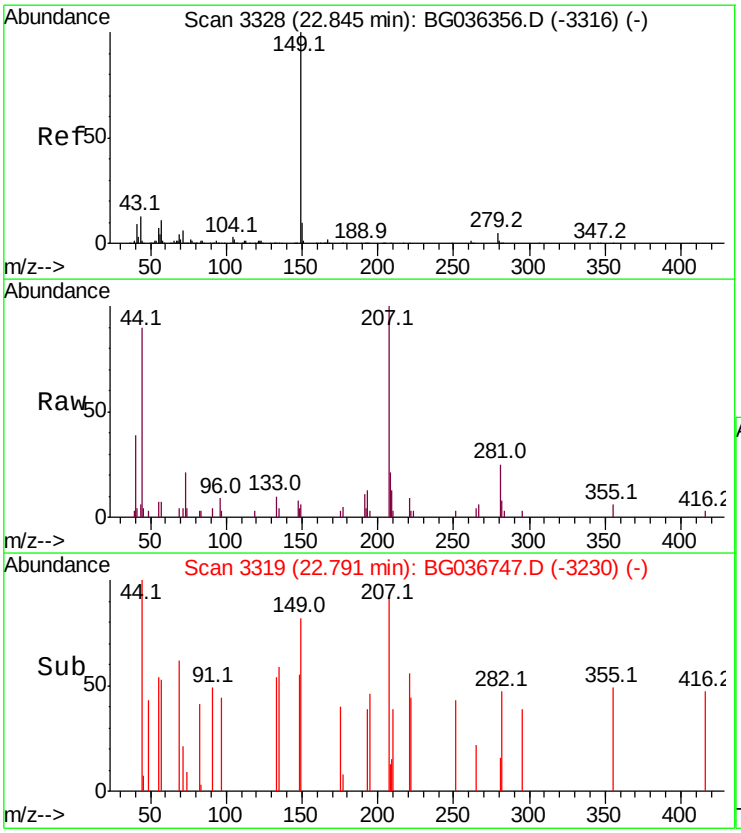
#83
Bis(2-ethylhexyl)phthalate
Concen: 22.325 ng
RT: 21.57 min Scan# 3111
Delta R.T. -0.02 min
Lab File: BG036747.D
Acq: 17 Sep 2018 10:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 604

Ion	Ratio	Lower	Upper
149	100		
167	0.0	23.4	35.0#
279	0.0	4.6	7.0#

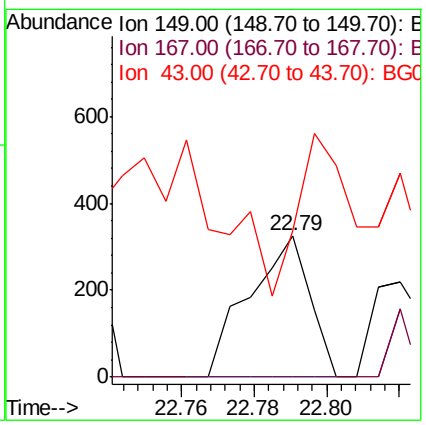


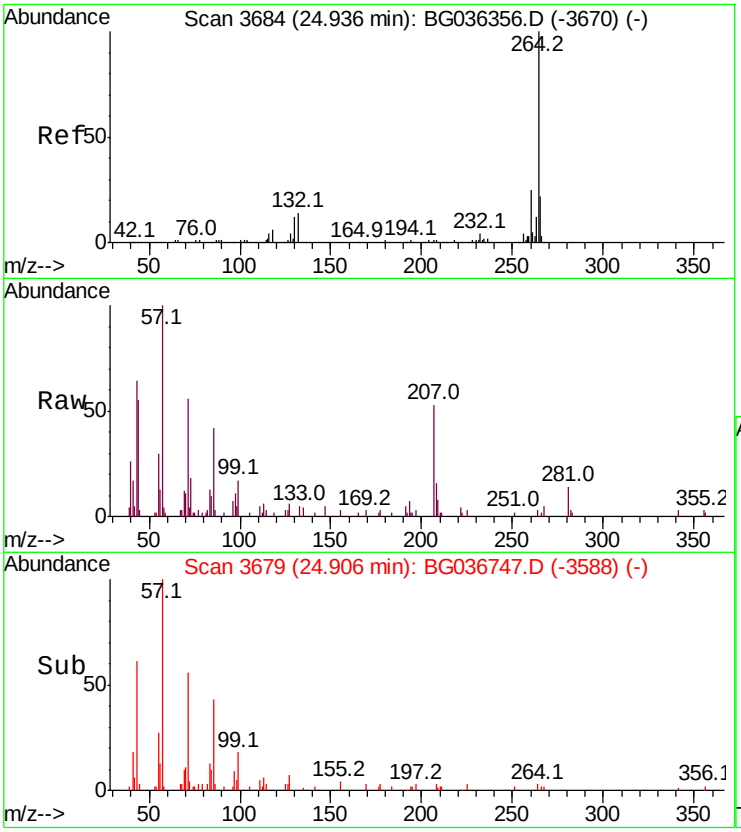


#84
Di-n-octyl phthalate
Concen: 8.409 ng
RT: 22.79 min Scan# 3319
Delta R.T. -0.01 min
Lab File: BG036747.D
Acq: 17 Sep 2018 10:12

Tgt Ion:149 Resp: 380

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	105.5	10.0	15.0#



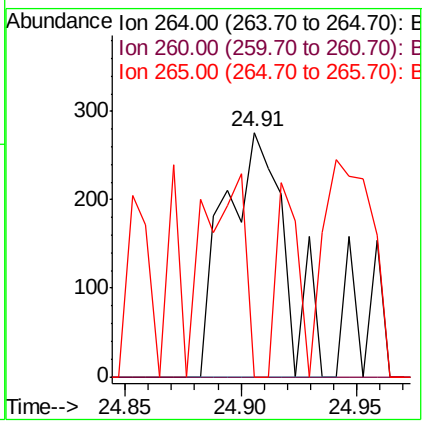


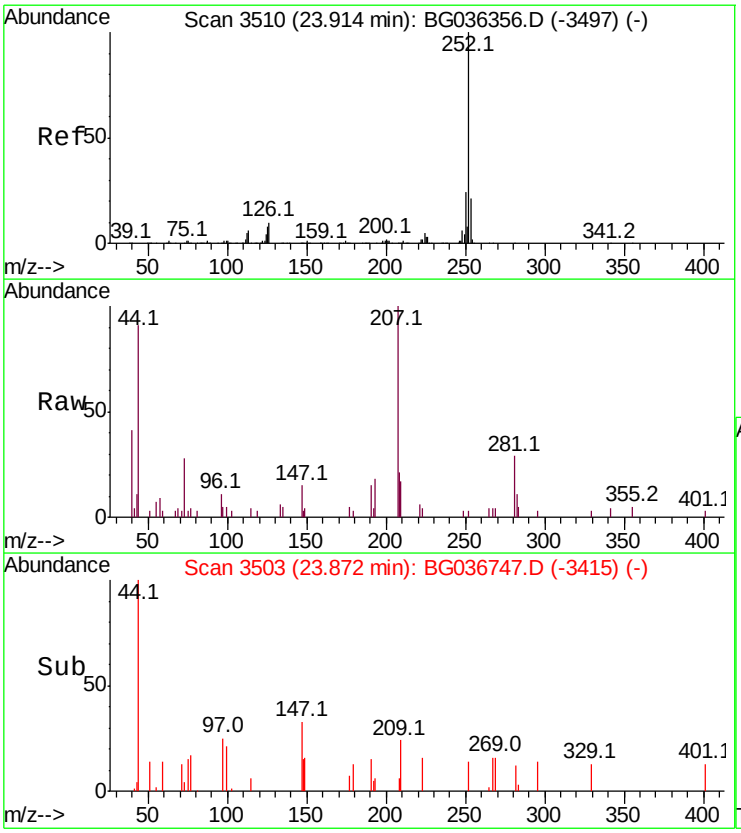
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG036747.D
Acq: 17 Sep 2018 10:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 509

Ion	Ratio	Lower	Upper
264	100		
260	0.0	19.6	29.4#
265	0.0	17.4	26.0#

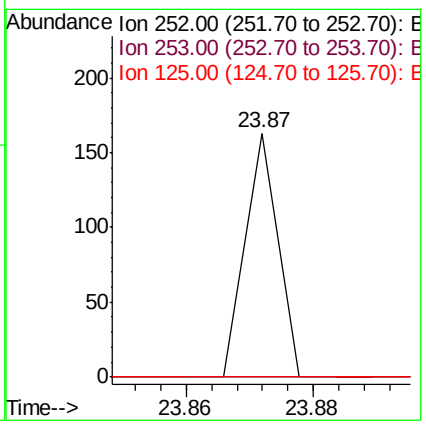


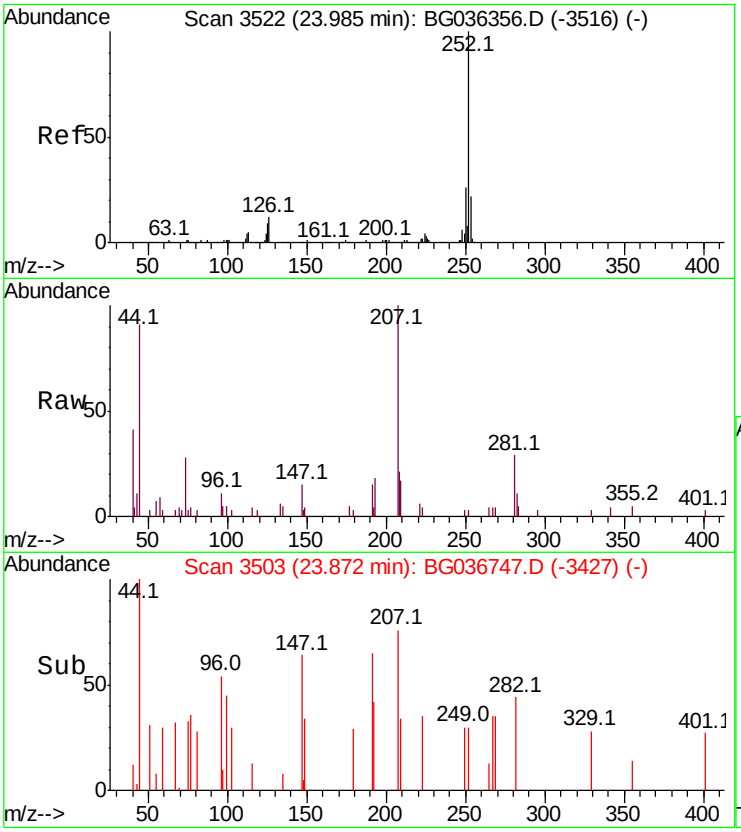


#87
Benzo(b)fluoranthene
Concen: 2.017 ng
RT: 23.87 min Scan# 3503
Delta R.T. -0.01 min
Lab File: BG036747.D
Acq: 17 Sep 2018 10:12

Tgt Ion:252 Resp: 57

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.1	25.7#
125	0.0	6.6	10.0#



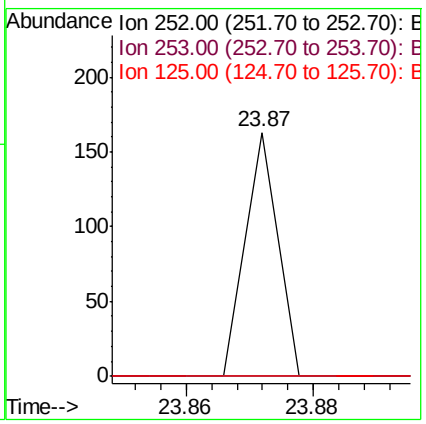


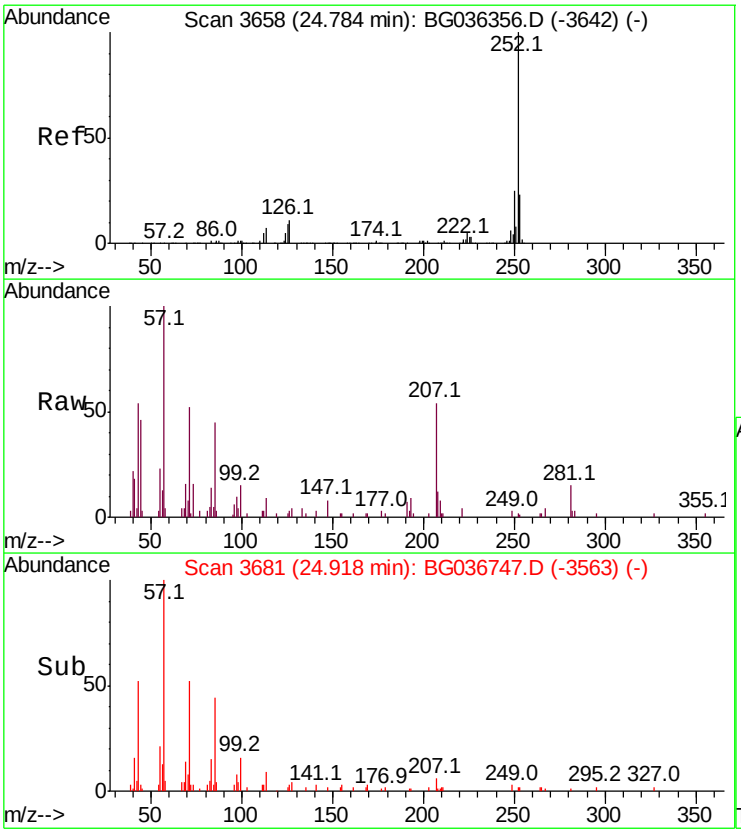
#88
Benzo(k)fluoranthene
Concen: 2.064 ng
RT: 23.87 min Scan# 3503
Delta R.T. -0.08 min
Lab File: BG036747.D
Acq: 17 Sep 2018 10:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 57

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.0	27.0#
125	0.0	7.0	10.6#





#89
Benzo(a)pyrene
Concen: 4.529 ng
RT: 24.92 min Scan# 3681
Delta R.T. 0.16 min
Lab File: BG036747.D
Acq: 17 Sep 2018 10:12

Tgt Ion:252 Resp: 123

Ion	Ratio	Lower	Upper
252	100		
253	80.0	18.2	27.2#
125	125.6	7.3	10.9#