

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
 Data File : BG035177.D
 Acq On : 15 Jun 2018 18:26
 Operator : SJ/JU
 Sample : J3372-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 15 23:49:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

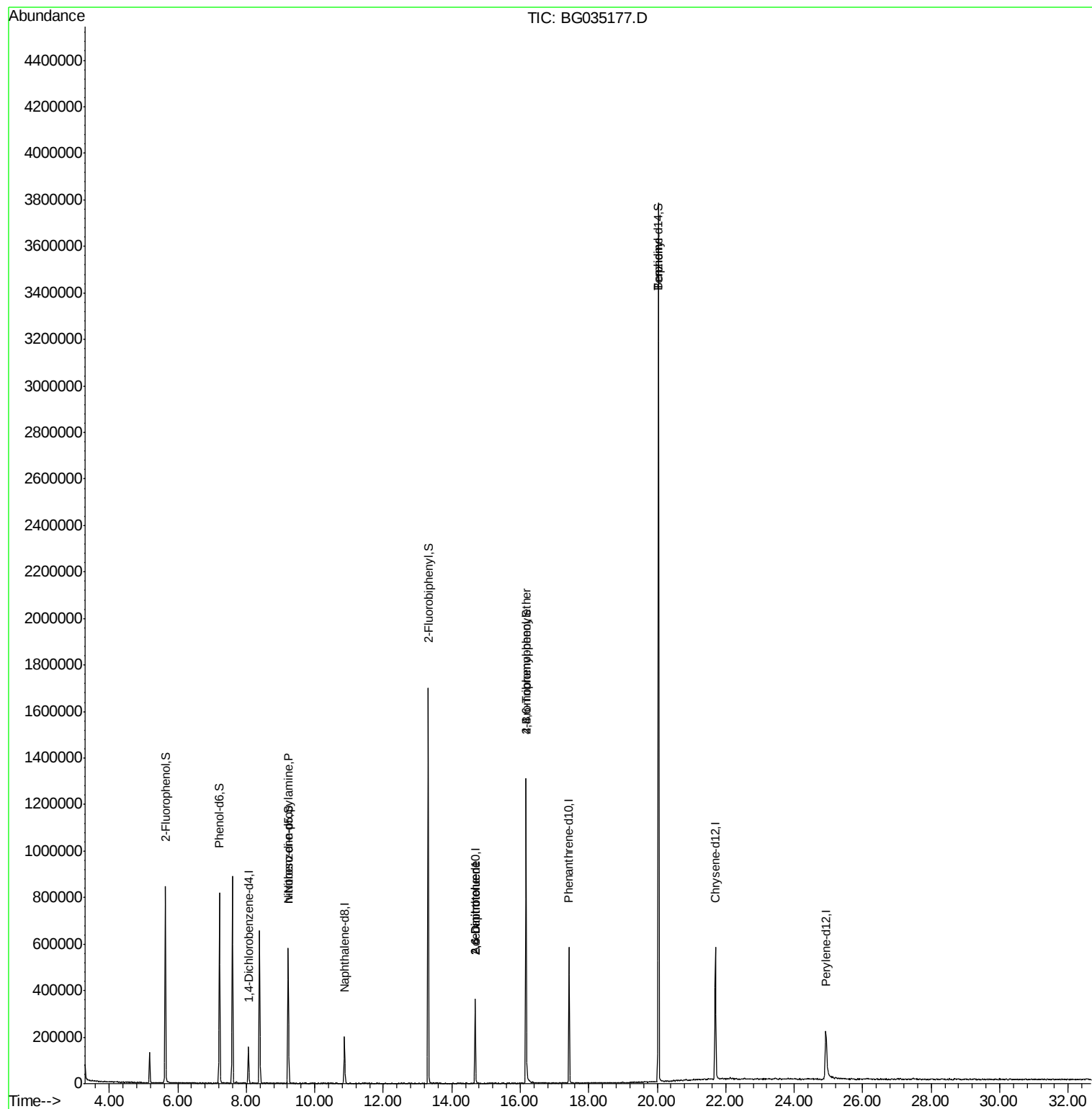
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	43807	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	172108	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	124901	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	357345	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	396160	20.00	ng	-0.02
86) Perylene-d12	24.93	264	325196	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	354257	136.47	ng	0.00
7) Phenol-d6	7.22	99	487700	127.30	ng	0.00
23) Nitrobenzene-d5	9.23	82	387172	106.93	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	249783	156.22	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	888318	92.46	ng	-0.02
78) Terphenyl-d14	20.04	244	1811659	95.79	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	52855	16.238	ng	# 73
50) 2,6-Dinitrotoluene	14.68	165	16134	8.120	ng	# 18
56) 2,4-Dinitrotoluene	14.68	165	16134	6.112	ng	# 16
66) 4-Bromophenyl-phenylether	16.17	248	19945	4.635	ng	# 1
76) Benzidine	20.04	184	30770	2.088	ng	# 91

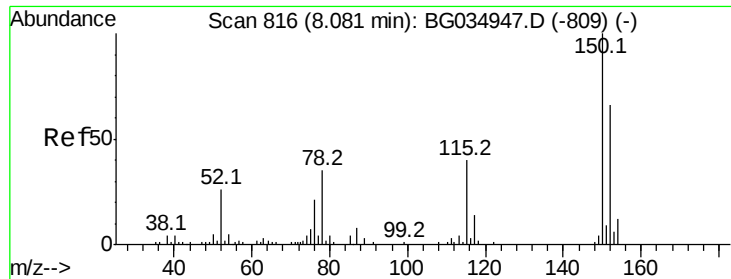
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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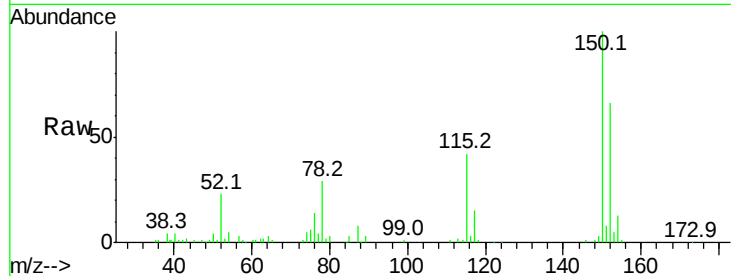


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035177.D
Acq: 15 Jun 2018 18:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	126.6	189.8
115	63.6	53.0	79.4

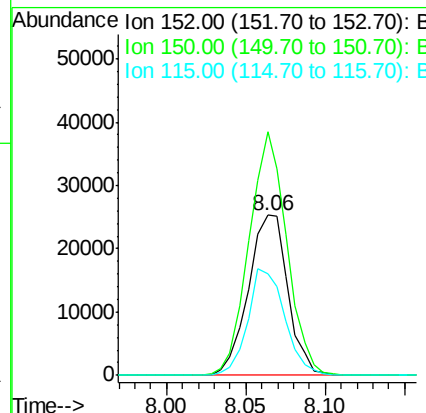
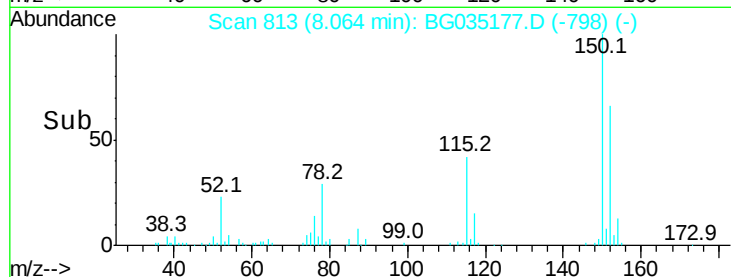


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

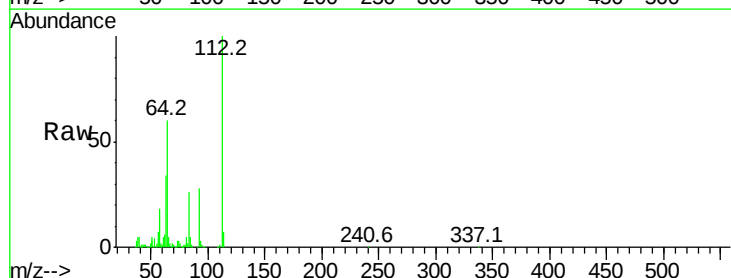
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 136.473 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035177.D
Acq: 15 Jun 2018 18:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	56.3	84.5
63	33.7	30.1	45.1

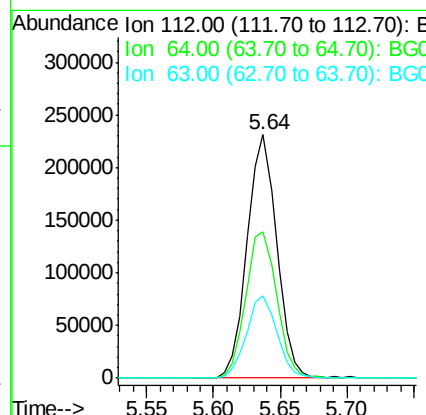
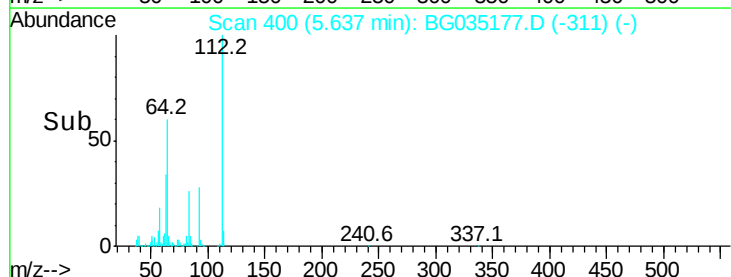


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 127.295 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035177.D

Acq: 15 Jun 2018 18:26

Instrument :

BNA_G

ClientSampleId :

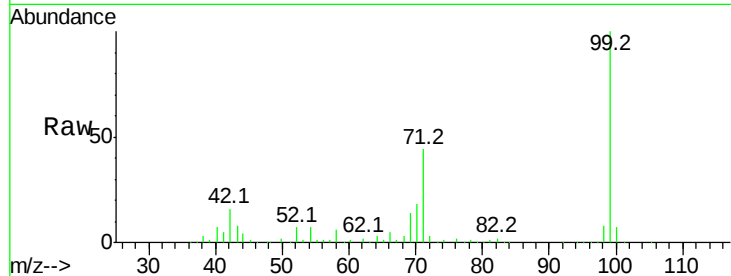
Tot Ion: 99 Resp: 487700

Ion Ratio Lower Upper

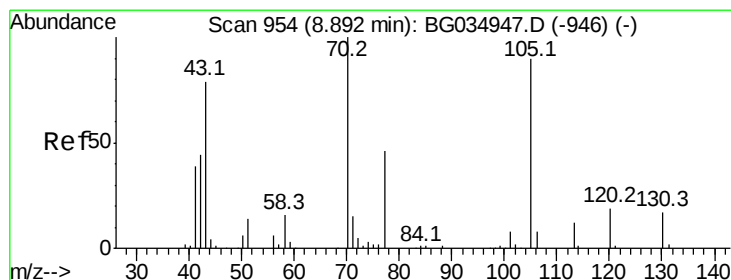
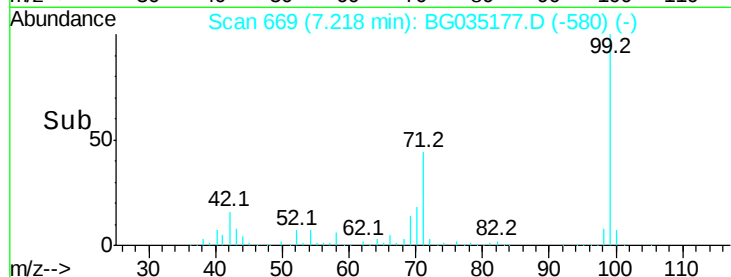
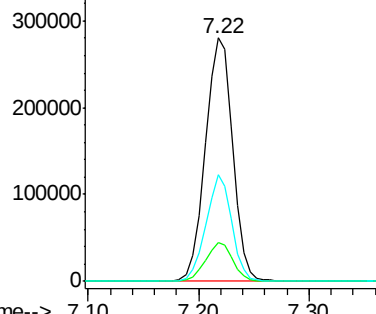
99 100

42 15.9 14.1 21.1

71 43.6 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 16.238 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG035177.D

Acq: 15 Jun 2018 18:26

Tgt Ion: 70 Resp: 52855

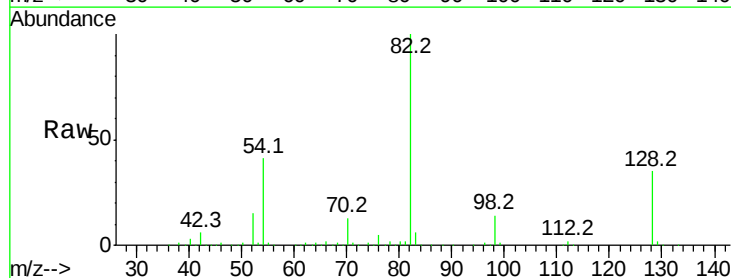
Ion Ratio Lower Upper

70 100

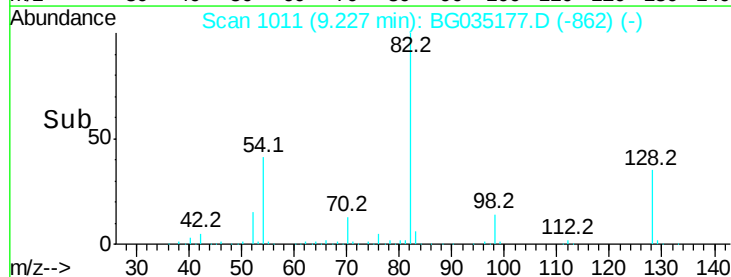
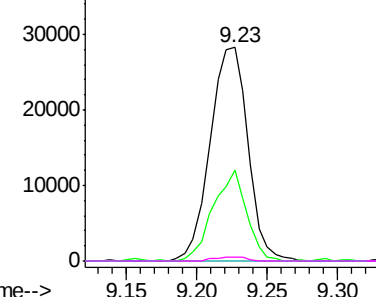
42 42.5 49.1 73.7#

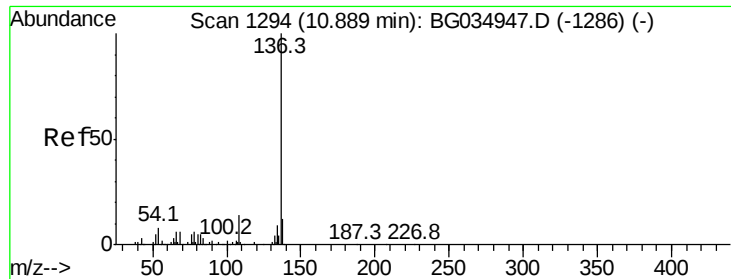
101 0.0 8.5 12.7#

130 1.8 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

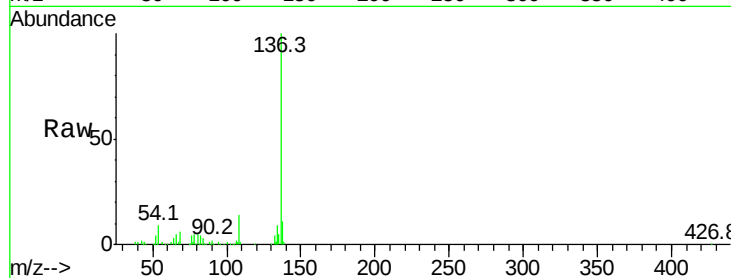




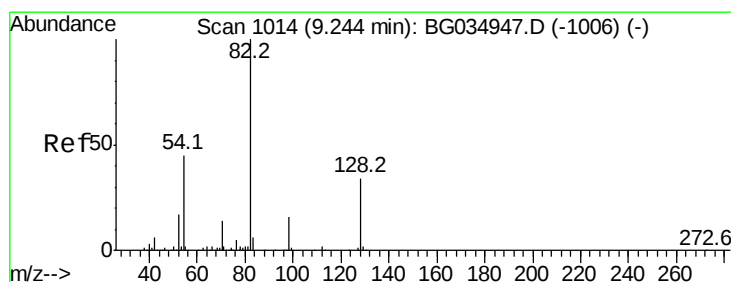
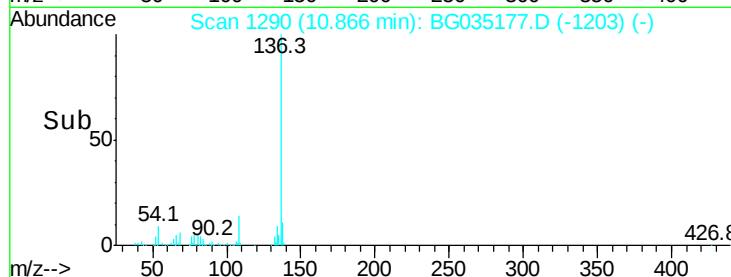
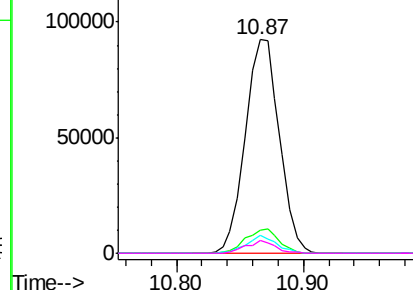
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035177.D
Acq: 15 Jun 2018 18:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	172108
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	8.6	10.3	15.5#
68	6.3	4.5	6.7

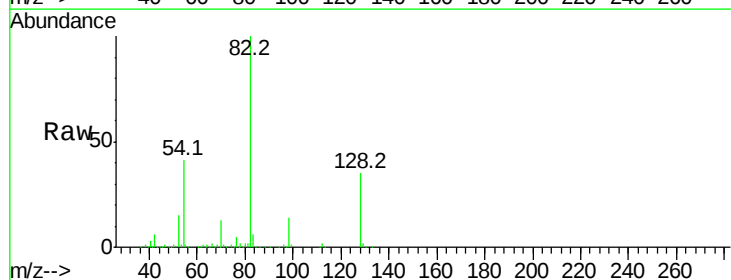


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

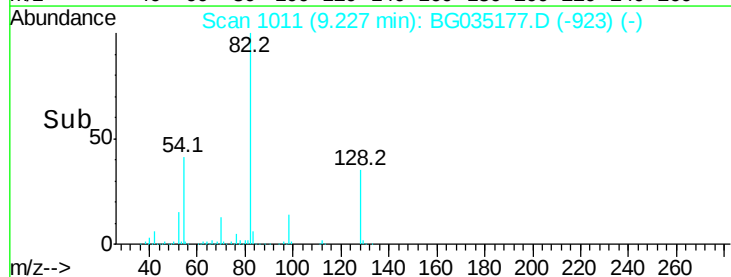
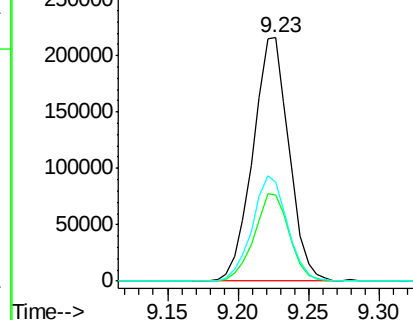


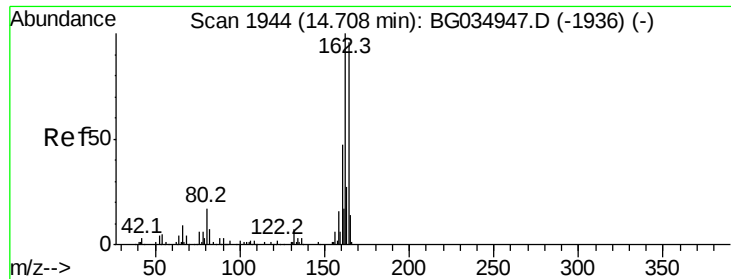
#23
Nitrobenzene-d5
Concen: 106.933 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035177.D
Acq: 15 Jun 2018 18:26

Tgt Ion:	82	Resp:	387172
Ion	Ratio	Lower	Upper
82	100		
128	35.3	29.7	44.5
54	40.7	43.1	64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

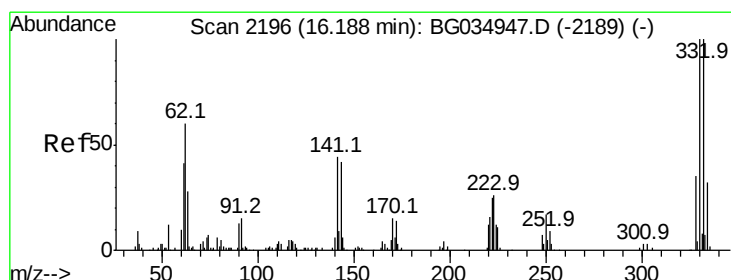
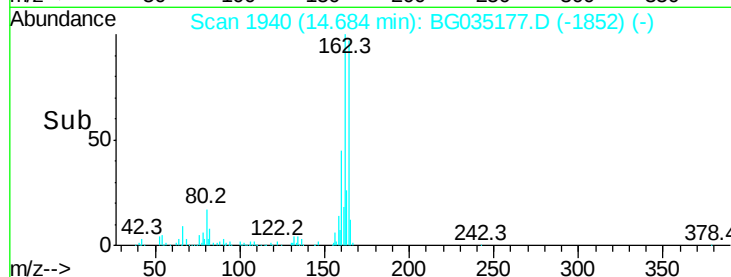
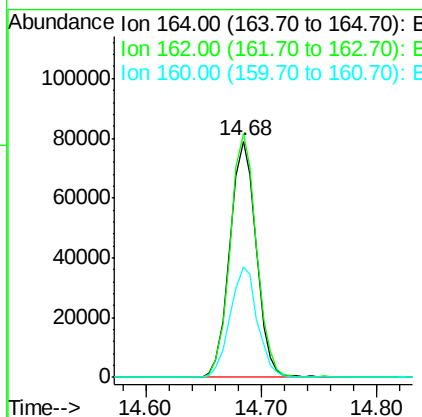
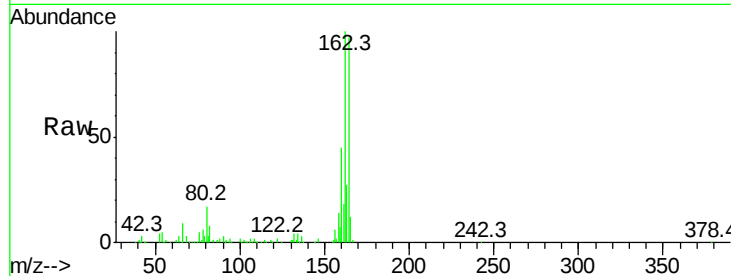




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035177.D
Acq: 15 Jun 2018 18:26

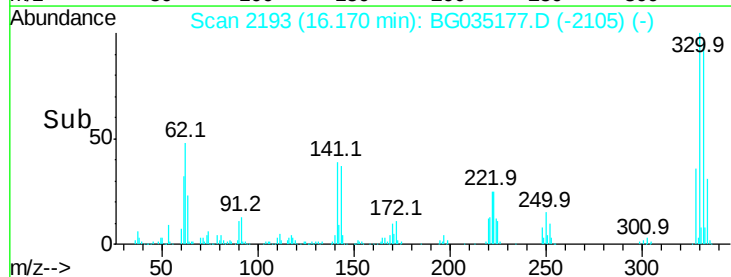
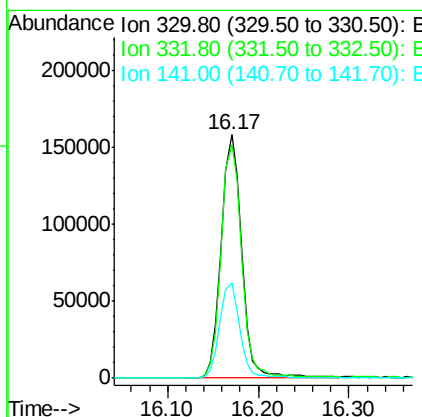
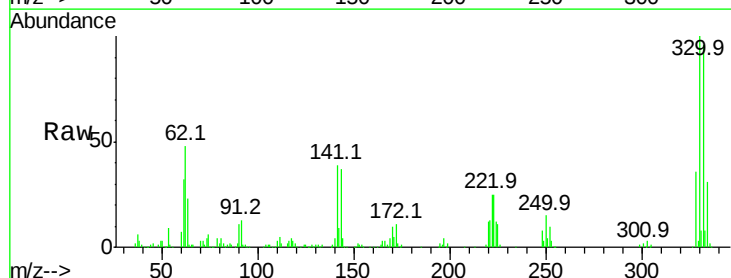
Instrument :
BNA_G
ClientSampleId :

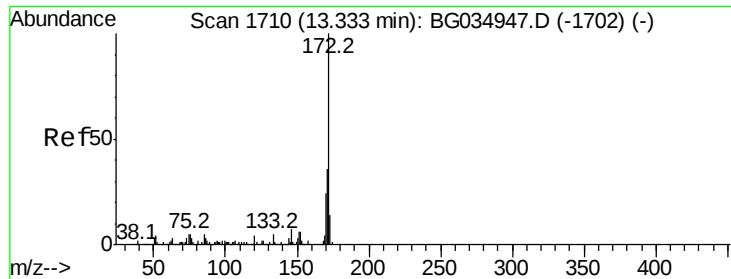
Tot Ion:164 Resp: 124901
Ion Ratio Lower Upper
164 100
162 103.0 78.8 118.2
160 46.8 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 156.223 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG035177.D
Acq: 15 Jun 2018 18:26

Tgt Ion:330 Resp: 249783
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.6
141 38.3 25.2 37.8#

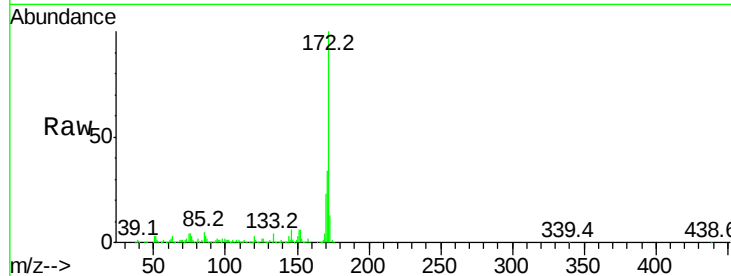




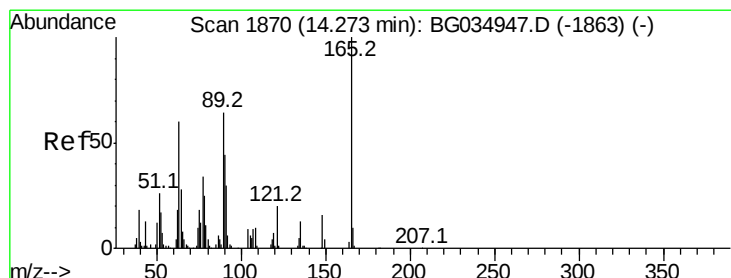
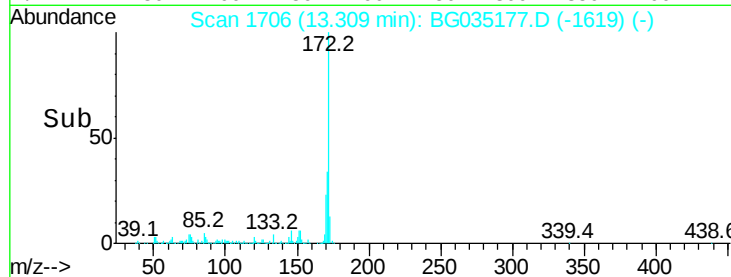
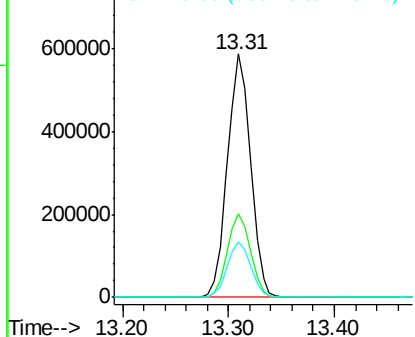
#44
 2-Fluorobiphenyl
 Concen: 92.458 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035177.D
 Acq: 15 Jun 2018 18:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	30.0	45.0
170	22.7	19.5	29.3

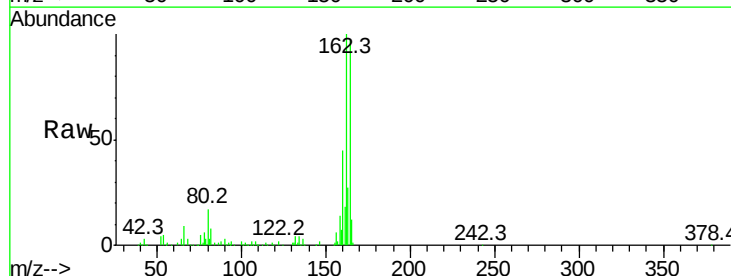


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

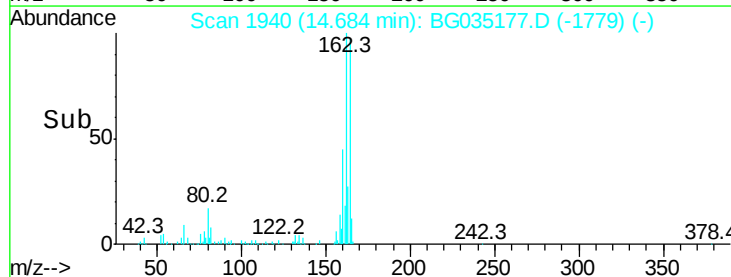
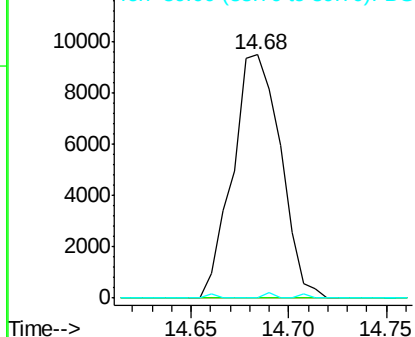


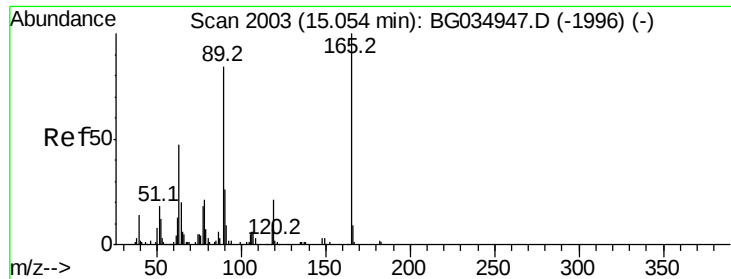
#50
 2,6-Dinitrotoluene
 Concen: 8.120 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. 0.42 min
 Lab File: BG035177.D
 Acq: 15 Jun 2018 18:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

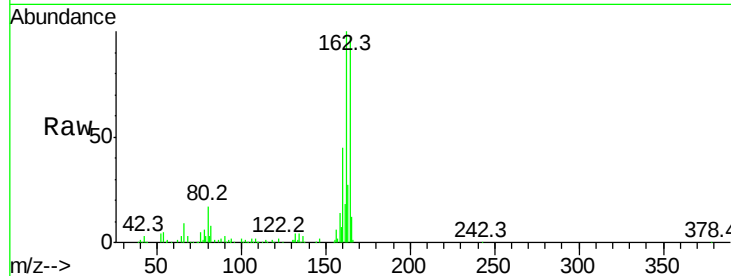




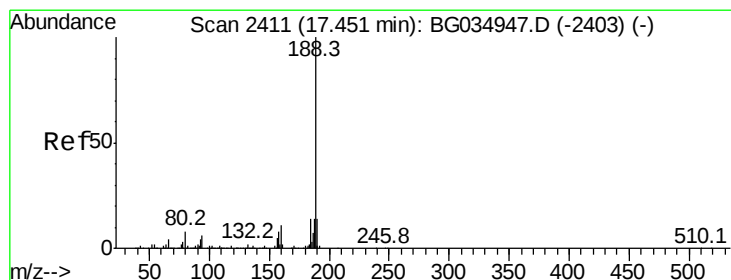
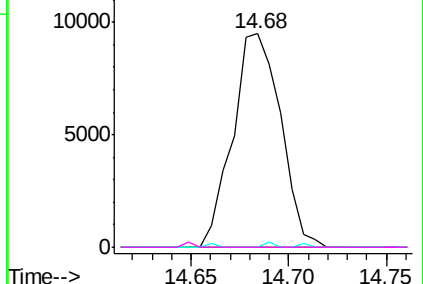
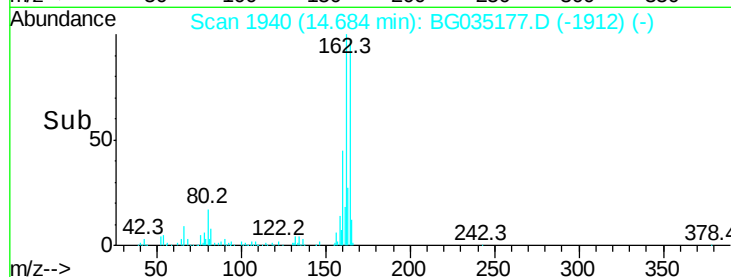
#56
 2,4-Dinitrotoluene
 Concen: 6.112 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.37 min
 Lab File: BG035177.D
 Acq: 15 Jun 2018 18:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 16134
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#

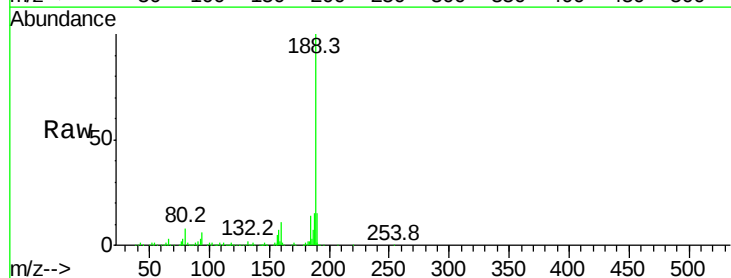


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

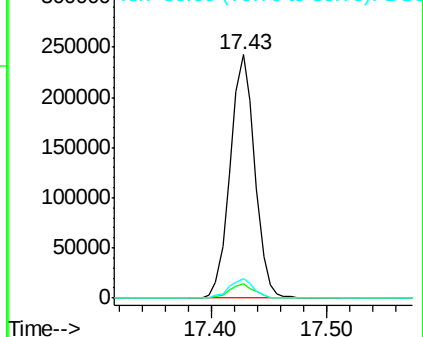
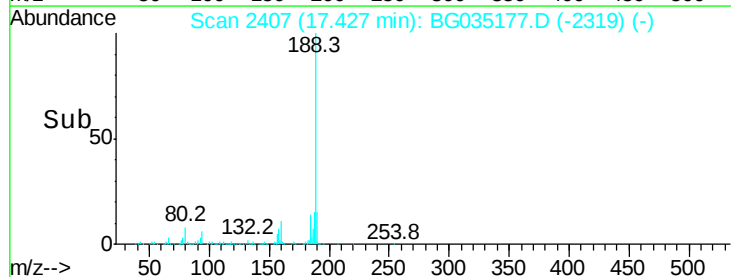


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG035177.D
 Acq: 15 Jun 2018 18:26

Tgt Ion:188 Resp: 357345
 Ion Ratio Lower Upper
 188 100
 94 6.0 6.9 10.3#
 80 7.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

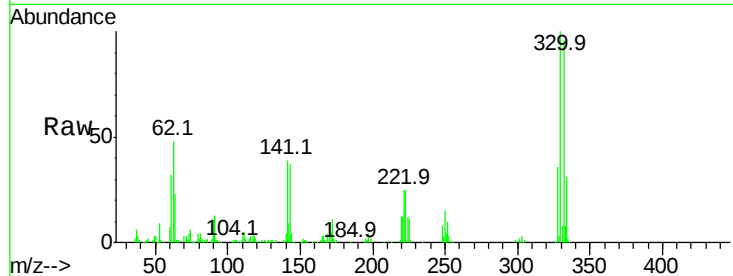




#66
4-Bromophenyl-phenylether
Concen: 4.635 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG035177.D
Acq: 15 Jun 2018 18:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	195.3	77.1	115.7#
141	493.4	50.8	76.2#

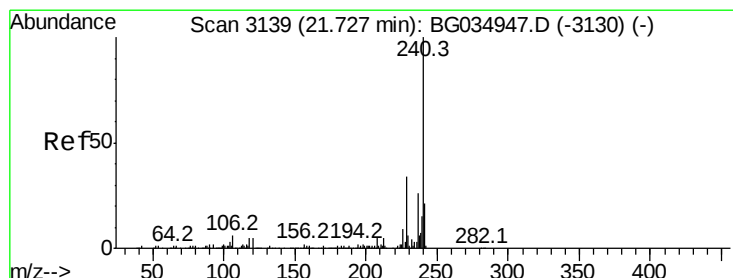
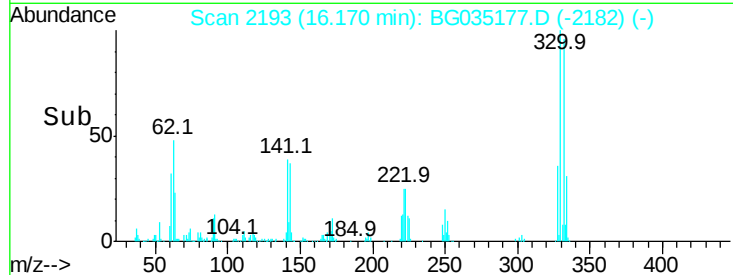
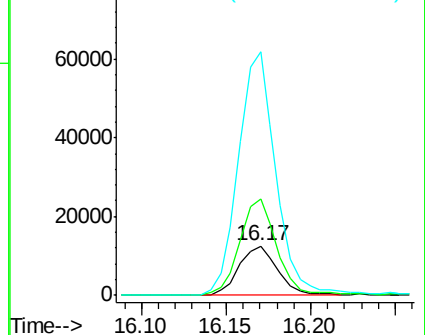


Abundance

Ion 248.00 (247.70 to 248.70): E

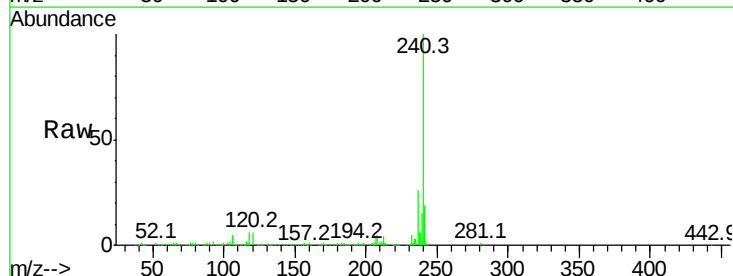
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3134
Delta R.T. -0.02 min
Lab File: BG035177.D
Acq: 15 Jun 2018 18:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.8	6.8	10.2#
236	26.3	20.9	31.3

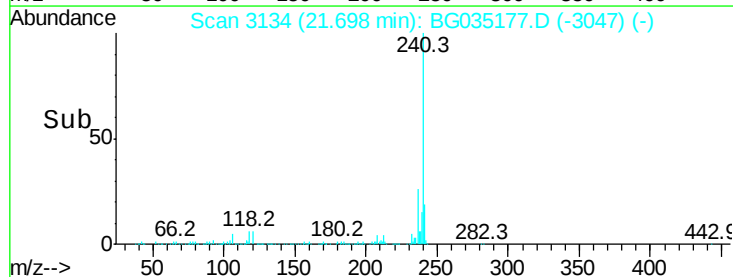
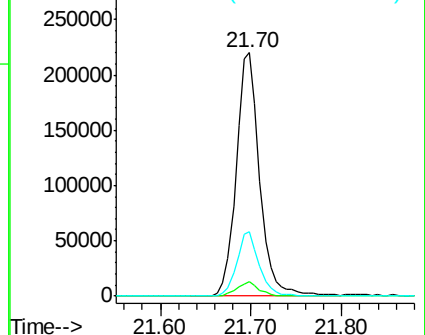


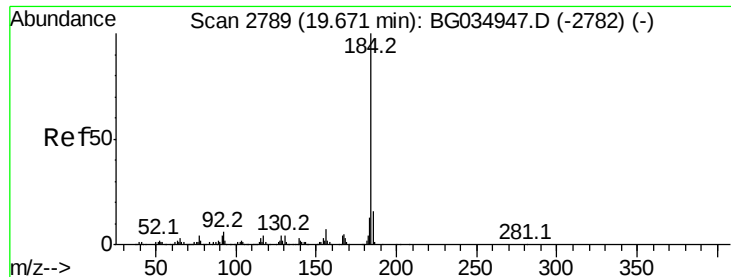
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.088 ng

RT: 20.04 min Scan# 2851

Delta R.T. 0.37 min

Lab File: BG035177.D

Acq: 15 Jun 2018 18:26

Instrument :

BNA_G

ClientSampleId :

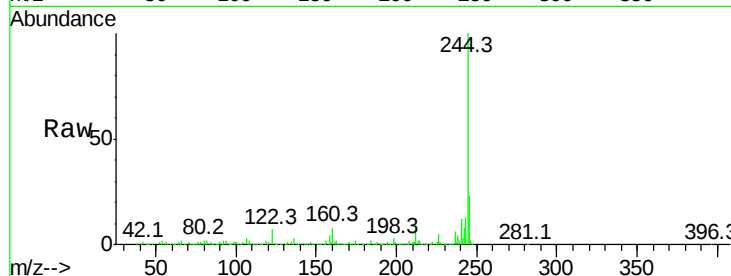
Tot Ion:184 Resp: 30770

Ion Ratio Lower Upper

184 100

185 17.4 11.1 16.7#

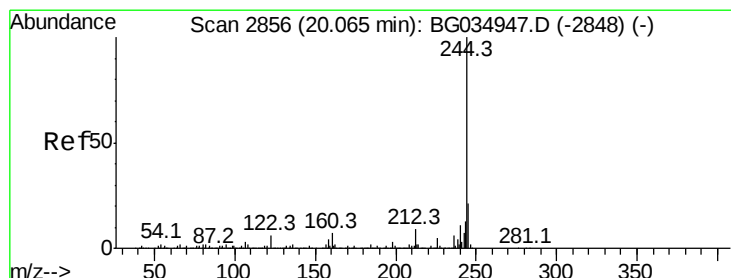
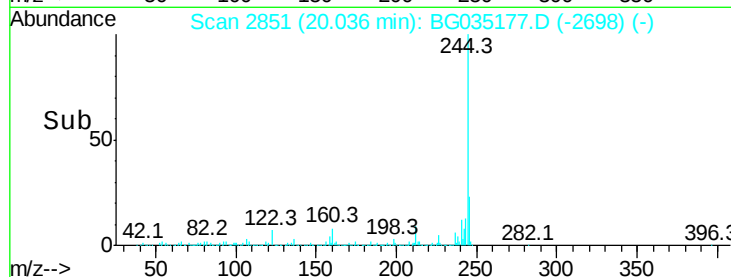
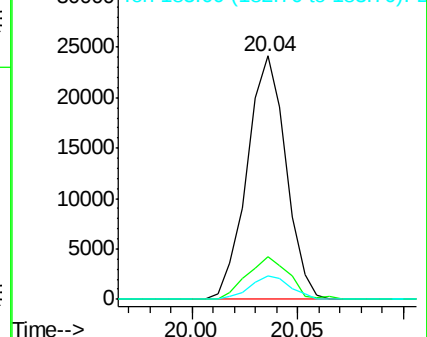
183 9.6 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 95.790 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035177.D

Acq: 15 Jun 2018 18:26

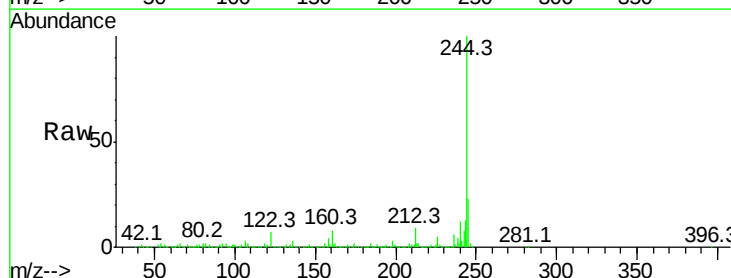
Tgt Ion:244 Resp: 1811659

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

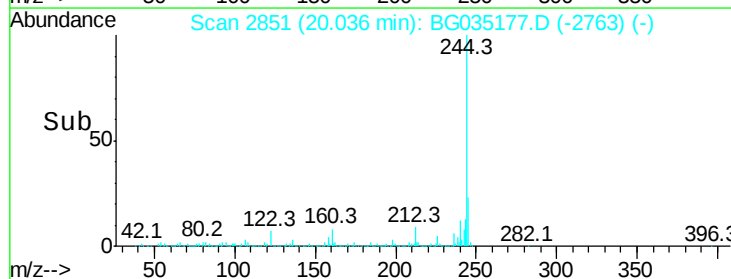
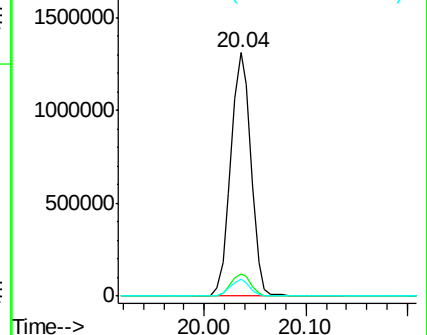
122 7.1 7.0 10.4

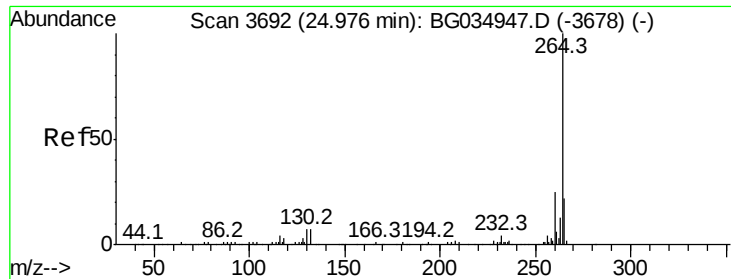


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3684
 Delta R.T. -0.02 min
 Lab File: BG035177.D
 Acq: 15 Jun 2018 18:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.6	17.7	26.5

