

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030818\
 Data File : BG033067.D
 Acq On : 9 Mar 2018 8:33
 Operator : SJ/JU
 Sample : J1748-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 09 10:08:42 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 17:38:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	57257	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	243278	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	131736	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	294093	20.00	ng	0.00
75) Chrysene-d12	22.61	240	277054	20.00	ng	0.00
86) Perylene-d12	26.42	264	236554	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.33	112	442104	123.53	ng	0.00
7) Phenol-d6	8.01	99	524533	105.15	ng	0.00
23) Nitrobenzene-d5	10.11	82	408569	112.87	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	213238	153.94	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	852283	93.31	ng	0.00
78) Terphenyl-d14	20.77	244	1265573	102.63	ng	0.00

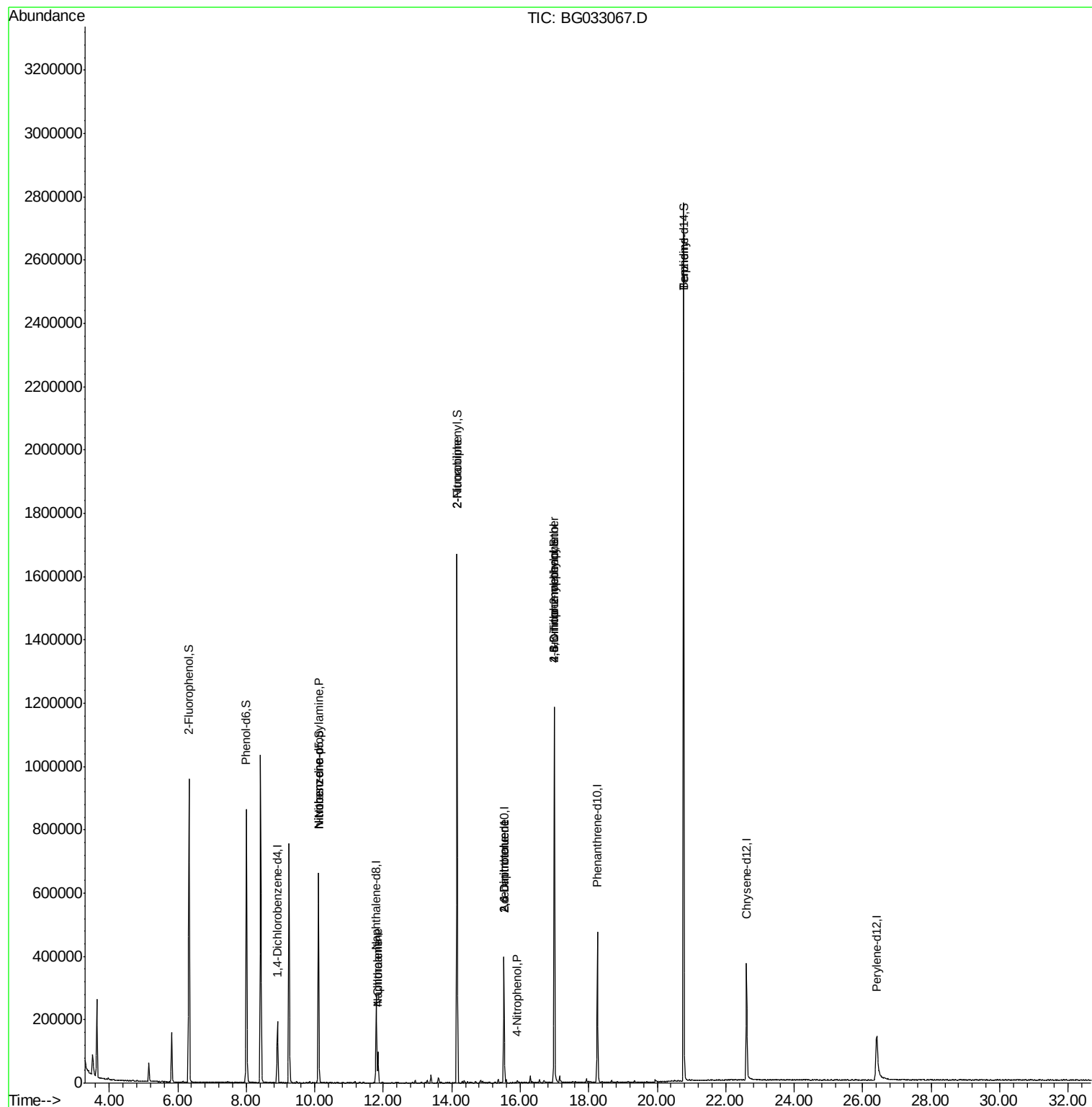
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	10.11	70	53312	15.138	ng	# 85
24) Nitrobenzene	10.11	77	1149	6.637	ng	# 42
31) Naphthalene	11.85	128	84779	6.669	ng	# 97
33) 4-Chloroaniline	11.85	127	11517	2.026	ng	# 27
47) 2-Nitroaniline	14.15	65	1719	10.466	ng	# 15
50) 2,6-Dinitrotoluene	15.52	165	17365	16.539	ng	# 18
55) 4-Nitrophenol	15.92	139	2041	8.096	ng	# 1
56) 2,4-Dinitrotoluene	15.52	165	17365	14.738	ng	# 16
64) 4,6-Dinitro-2-methylphenol	17.00	198	589	5.799	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	15069	4.846	ng	# 1
76) Benzidine	20.77	184	21794	2.308	ng	# 91

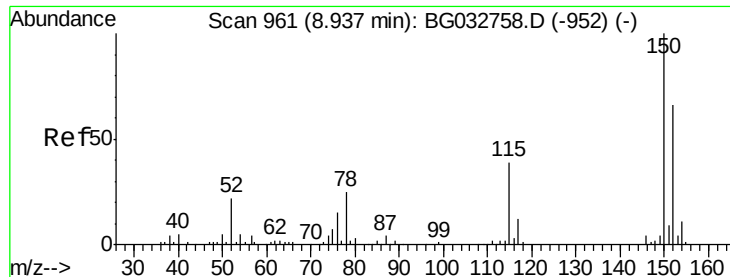
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030818\
Data File : BG033067.D
Acq On : 9 Mar 2018 8:33
Operator : SJ/JU
Sample : J1748-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 09 10:08:42 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 06 17:38:59 2018
Response via : Initial Calibration



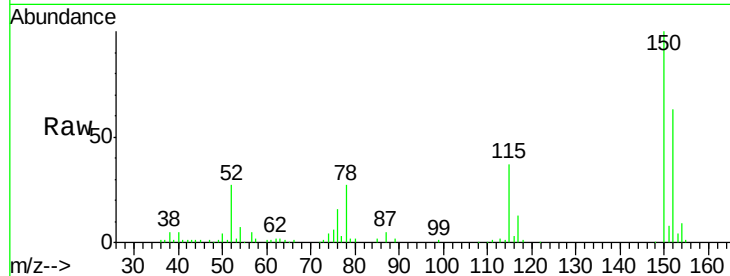


#1

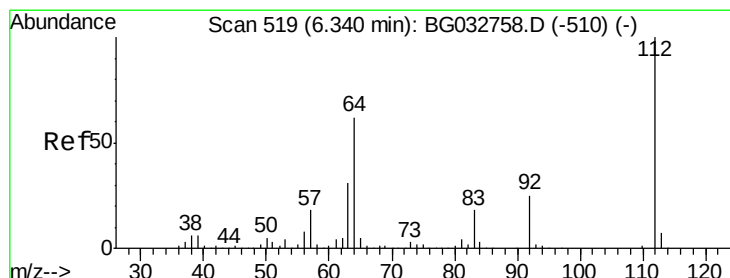
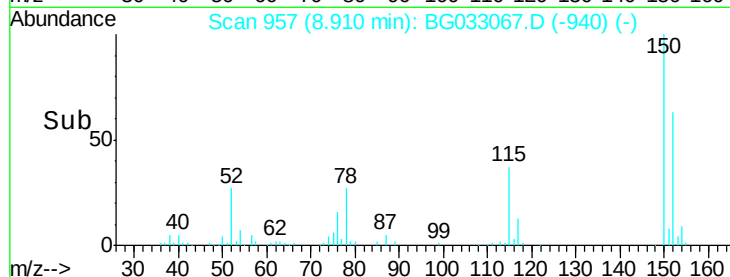
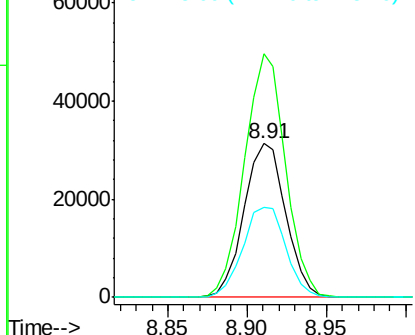
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033067.D
Acq: 9 Mar 2018 8:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 57257
Ion Ratio Lower Upper
152 100
150 158.7 126.6 189.8
115 58.9 53.0 79.4



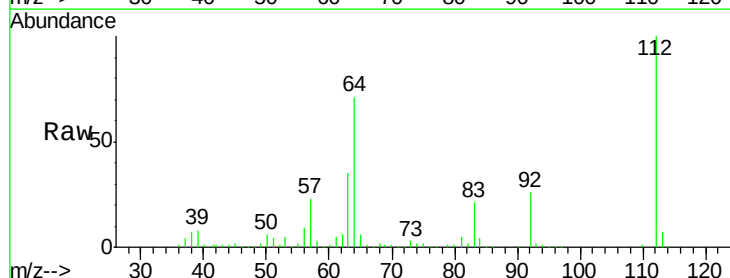
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



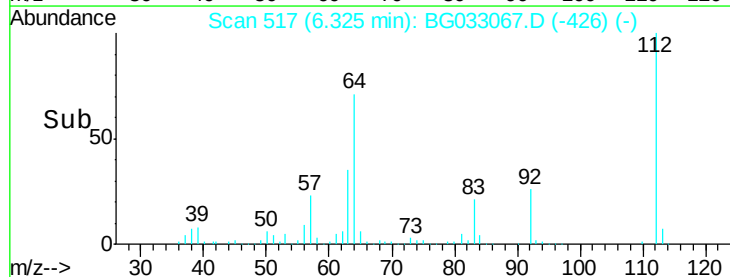
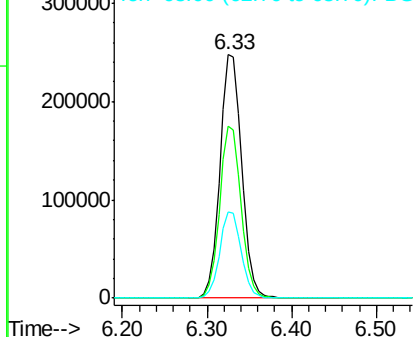
#5

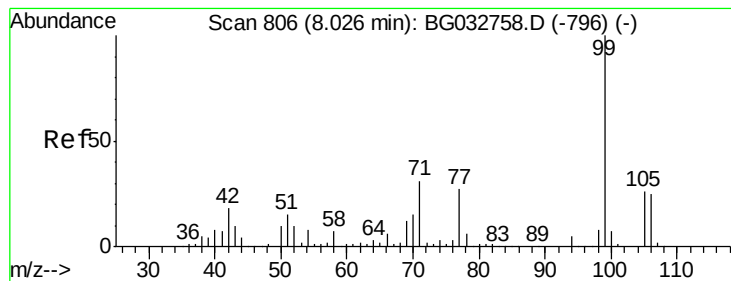
2-Fluorophenol
Concen: 123.531 ng
RT: 6.33 min Scan# 517
Delta R.T. 0.00 min
Lab File: BG033067.D
Acq: 9 Mar 2018 8:33

Tgt Ion:112 Resp: 442104
Ion Ratio Lower Upper
112 100
64 70.8 56.3 84.5
63 35.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 105.149 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033067.D

Acq: 9 Mar 2018 8:33

Instrument :

BNA_G

ClientSampleId :

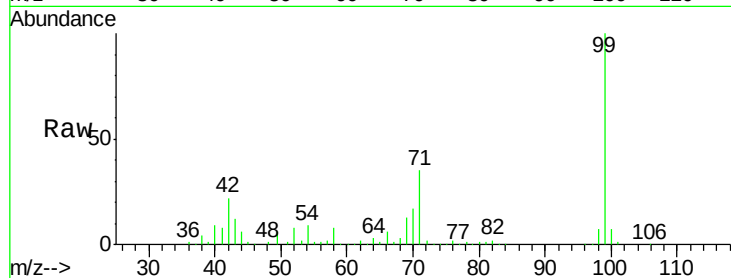
Tot Ion: 99 Resp: 524533

Ion Ratio Lower Upper

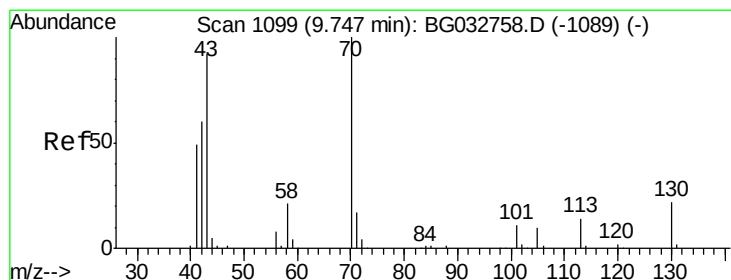
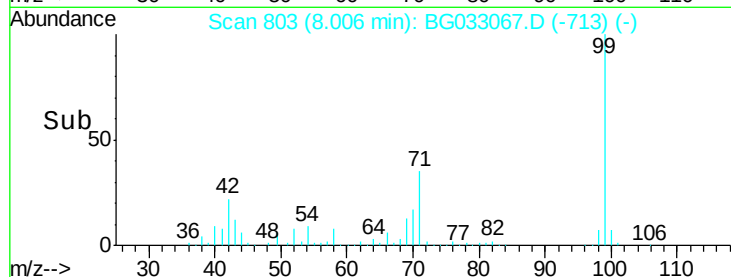
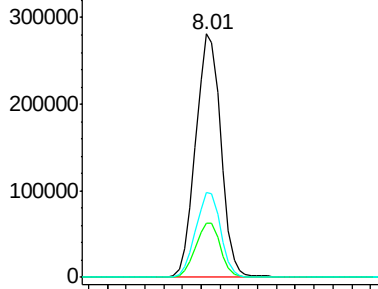
99 100

42 22.2 14.1 21.1#

71 34.8 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: 15.138 ng

RT: 10.11 min Scan# 1161

Delta R.T. 0.38 min

Lab File: BG033067.D

Acq: 9 Mar 2018 8:33

Tgt Ion: 70 Resp: 53312

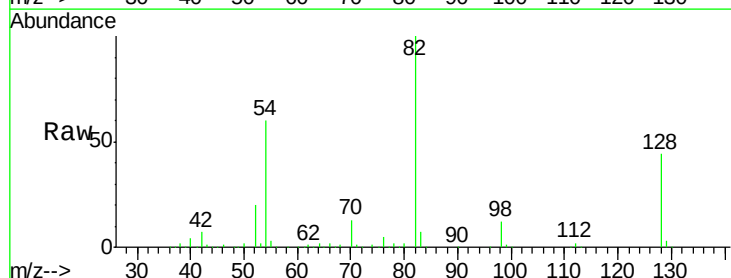
Ion Ratio Lower Upper

70 100

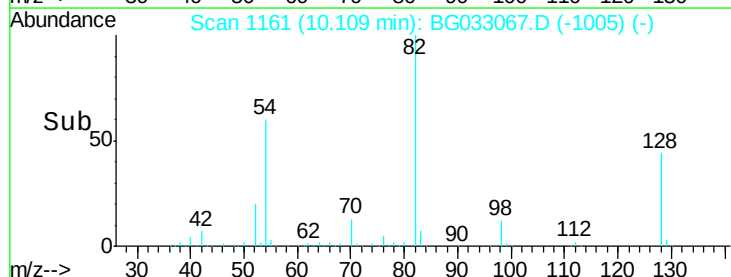
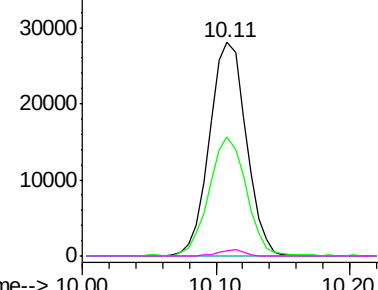
42 55.7 49.1 73.7

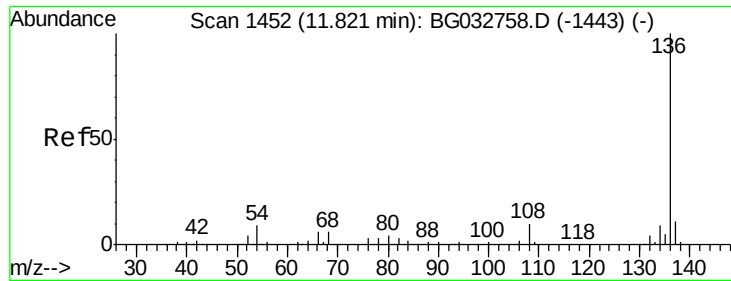
101 0.0 8.5 12.7#

130 2.3 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

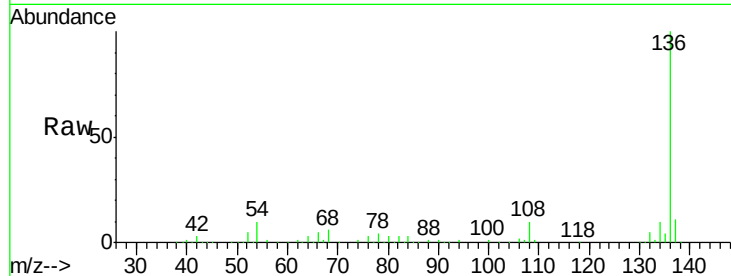




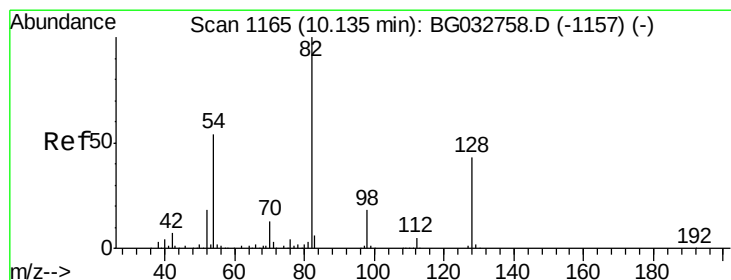
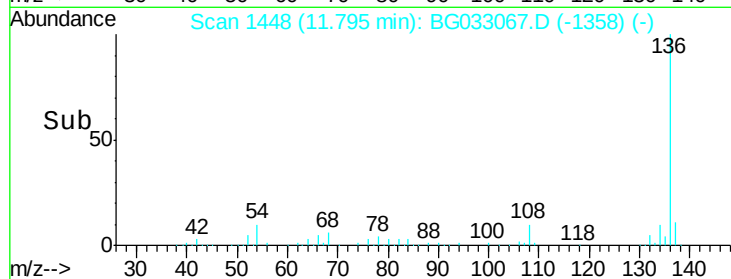
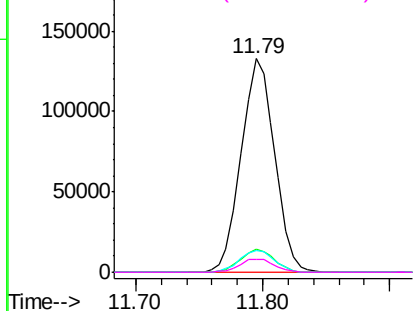
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.79 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BG033067.D
Acq: 9 Mar 2018 8:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	243278
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.2 13.8
54	10.4	10.3 15.5
68	6.1	4.5 6.7

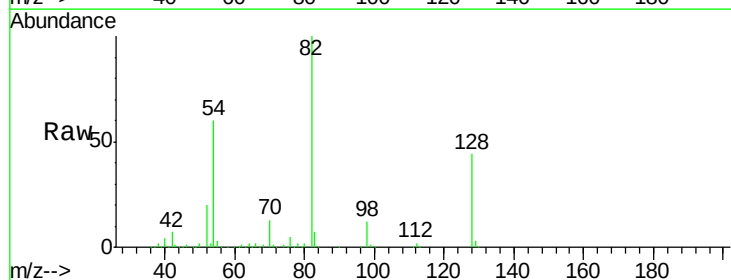


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

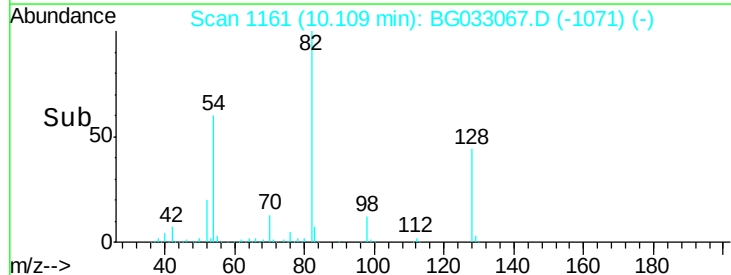
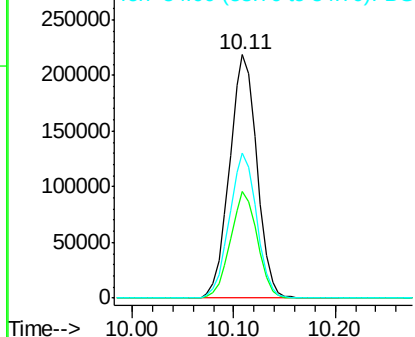


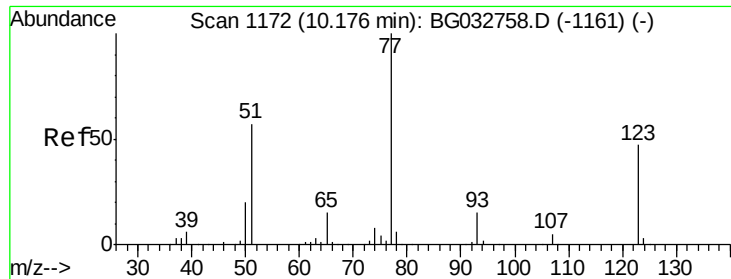
#23
Nitrobenzene-d5
Concen: 112.866 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG033067.D
Acq: 9 Mar 2018 8:33

Tgt Ion: 82	Resp:	408569
Ion Ratio	Lower	Upper
82	100	
128	43.6	29.7 44.5
54	59.8	43.1 64.7



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

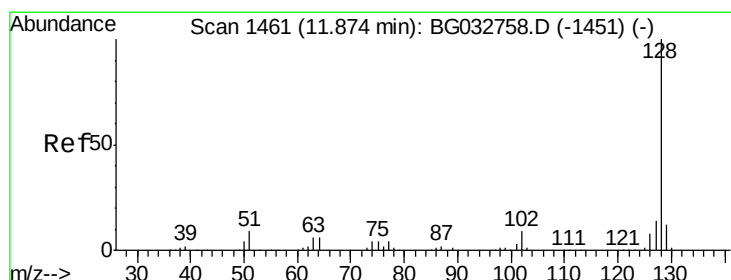
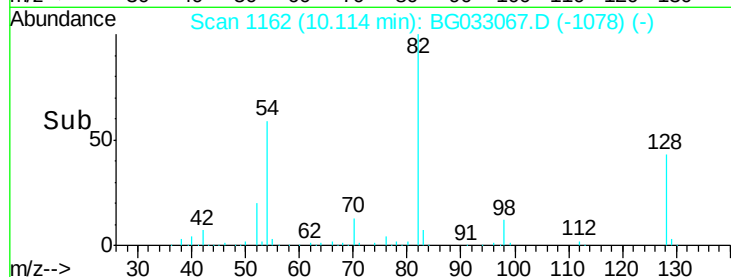
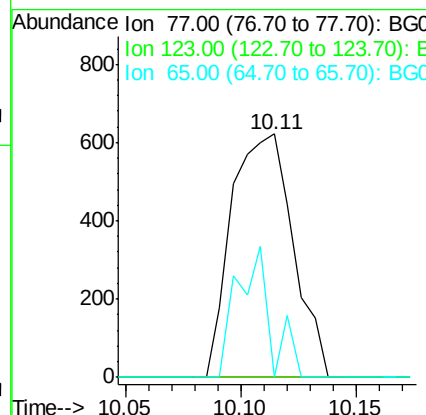
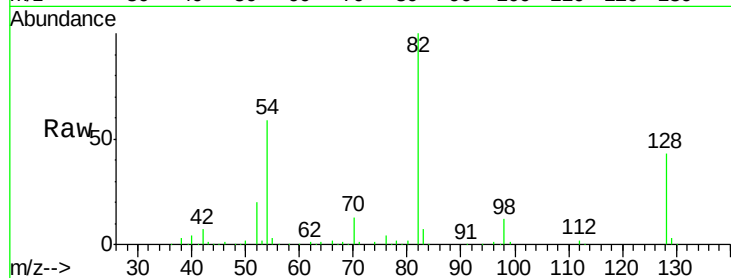




#24
Nitrobenzene
Concen: 6.637 ng
RT: 10.11 min Scan# 1162
Delta R.T. -0.04 min
Lab File: BG033067.D
Acq: 9 Mar 2018 8:33

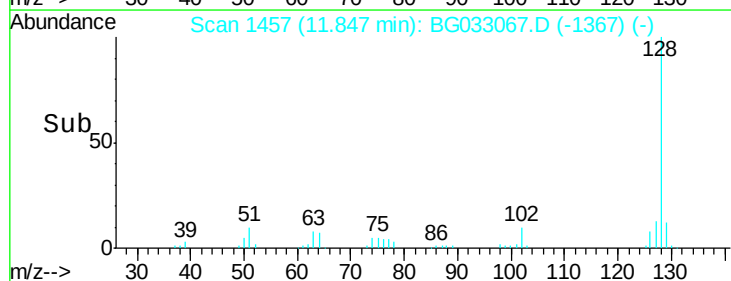
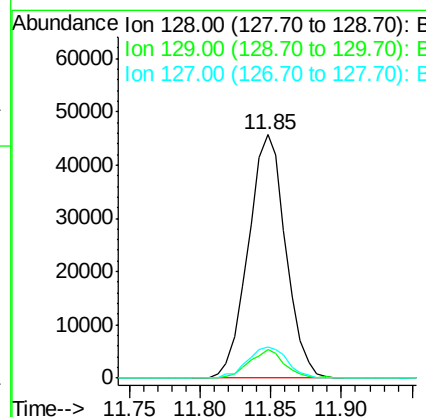
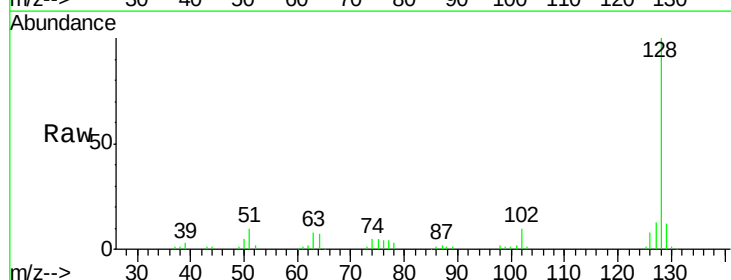
Instrument :
BNA_G
ClientSampleId :

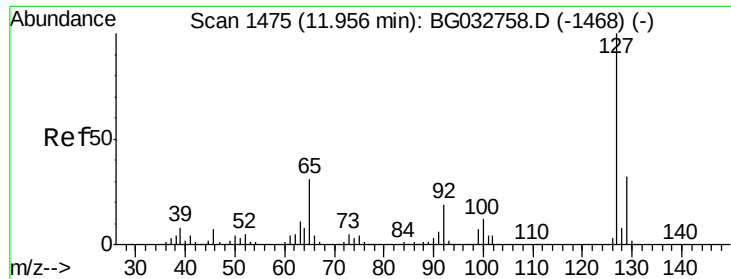
Tot Ion: 77 Resp: 1149
Ion Ratio Lower Upper
77 100
123 0.0 33.0 49.6#
65 0.0 13.0 19.6#



#31
Naphthalene
Concen: 6.669 ng
RT: 11.85 min Scan# 1457
Delta R.T. -0.00 min
Lab File: BG033067.D
Acq: 9 Mar 2018 8:33

Tgt Ion: 128 Resp: 84779
Ion Ratio Lower Upper
128 100
129 11.9 8.6 12.8
127 13.0 11.6 17.4

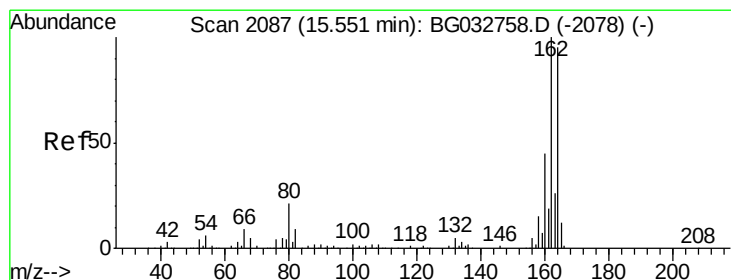
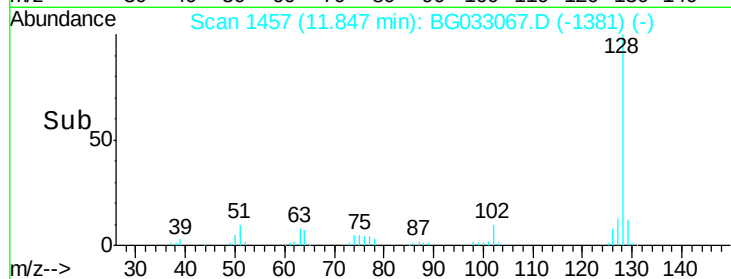
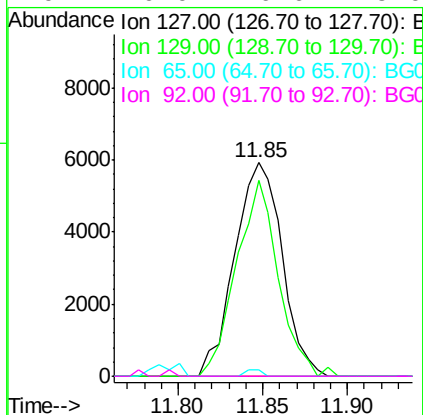
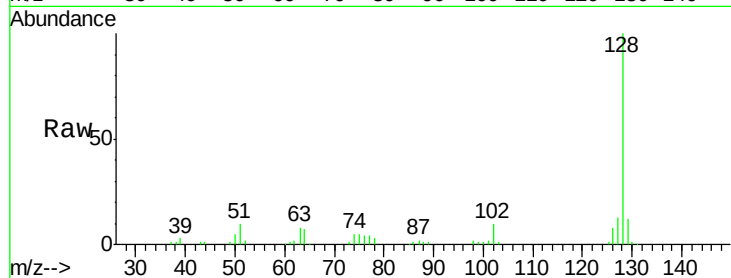




#33
4-Chloroaniline
Concen: 2.026 ng
RT: 11.85 min Scan# 1457
Delta R.T. -0.09 min
Lab File: BG033067.D
Acq: 9 Mar 2018 8:33

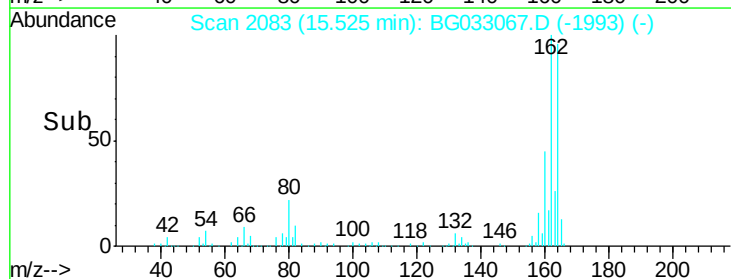
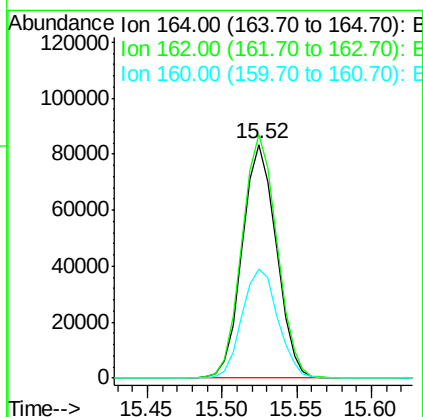
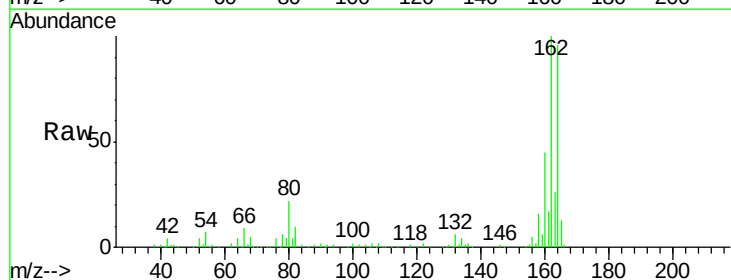
Instrument :
BNA_G
ClientSampleId :

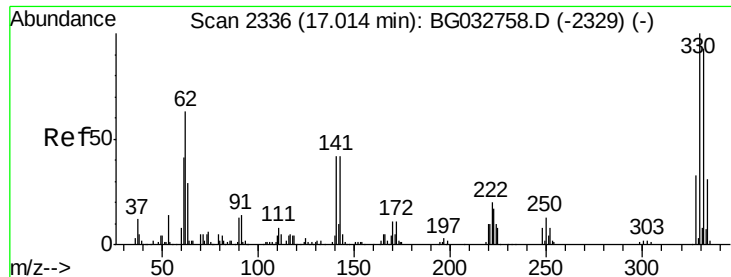
Tot Ion:	127	Resp:	11517
Ion	Ratio	Lower	Upper
127	100		
129	91.5	24.0	36.0#
65	2.9	27.0	40.4#
92	0.0	16.6	25.0#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG033067.D
Acq: 9 Mar 2018 8:33

Tgt Ion:	164	Resp:	131736
Ion	Ratio	Lower	Upper
164	100		
162	104.1	78.8	118.2
160	46.9	35.4	53.0

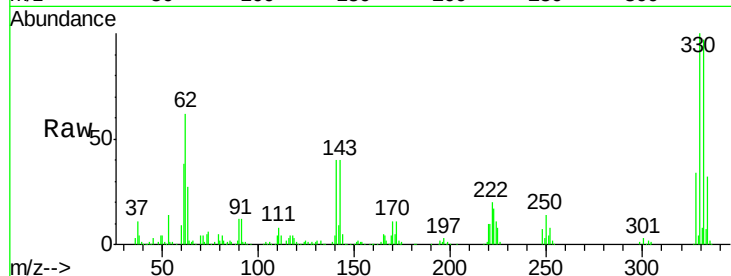




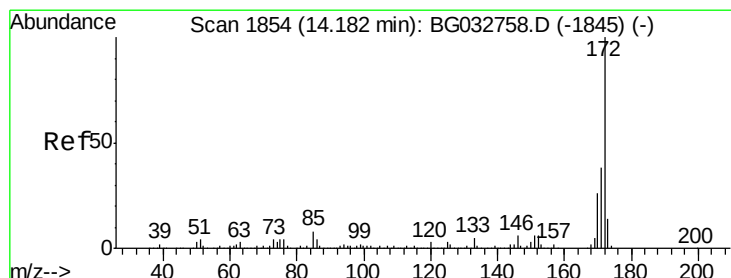
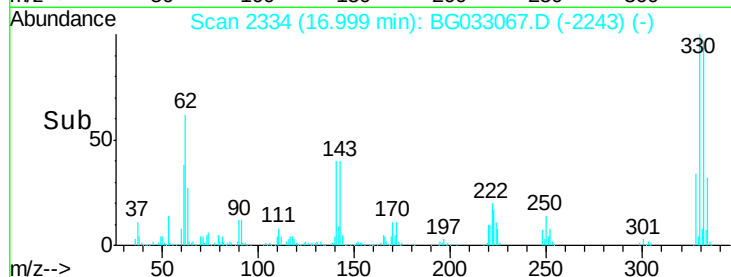
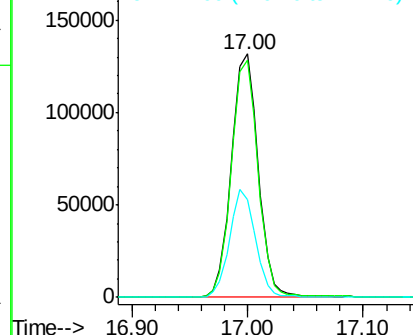
#41
 2,4,6-Tribromophenol
 Concen: 153.945 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. 0.00 min
 Lab File: BG033067.D
 Acq: 9 Mar 2018 8:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 213238
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 42.9 25.2 37.8#

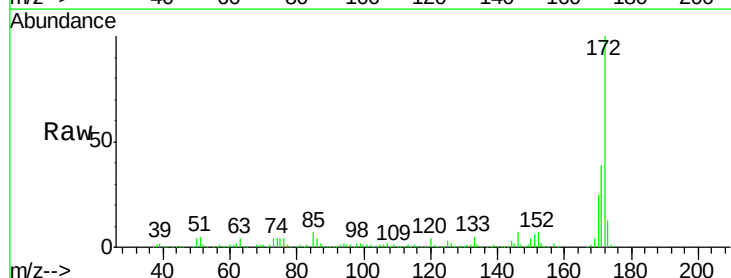


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

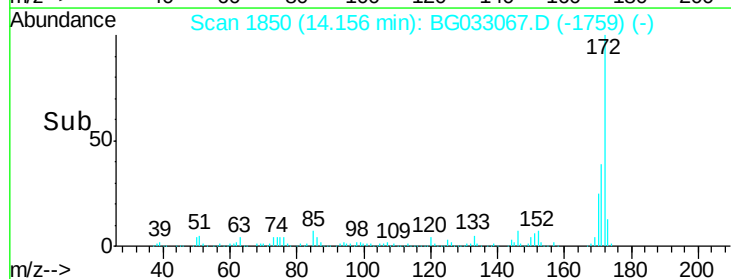
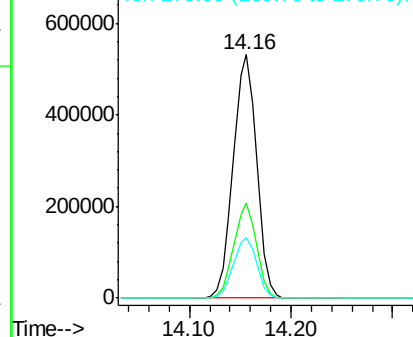


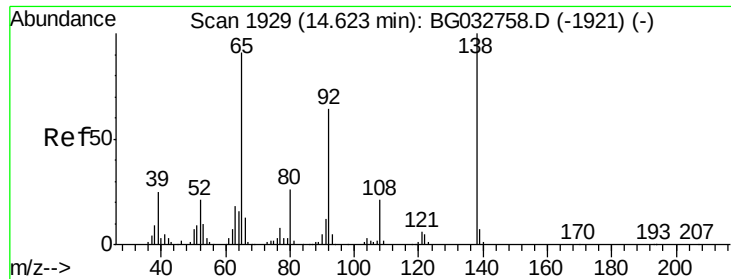
#44
 2-Fluorobiphenyl
 Concen: 93.308 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033067.D
 Acq: 9 Mar 2018 8:33

Tgt Ion:172 Resp: 852283
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.0 45.0
 170 25.1 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





#47

2-Nitroaniline

Concen: 10.466 ng

RT: 14.15 min Scan# 1849

Delta R.T. -0.46 min

Lab File: BG033067.D

Acq: 9 Mar 2018 8:33

Instrument :

BNA_G

ClientSampled :

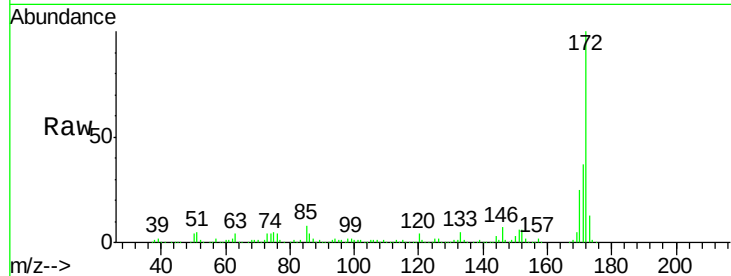
Tot Ion: 65 Resp: 1719

Ion Ratio Lower Upper

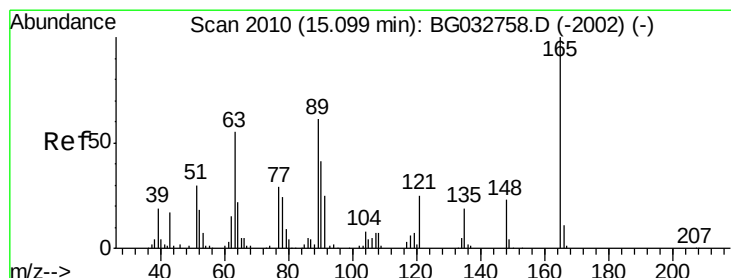
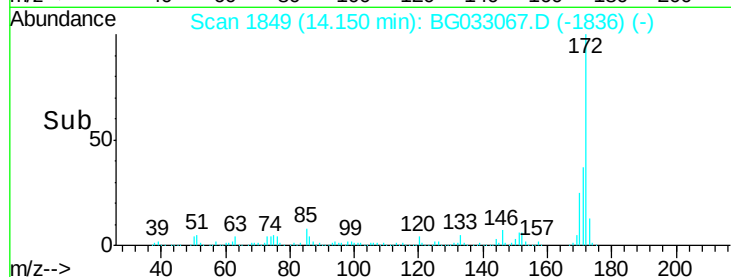
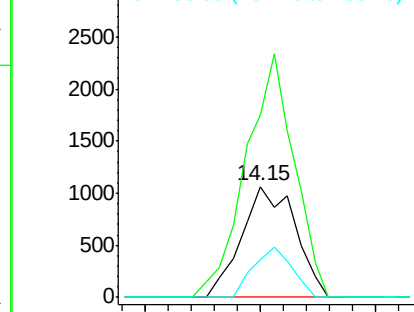
65 100

92 164.5 54.6 82.0#

138 34.3 72.9 109.3#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#50

2,6-Dinitrotoluene

Concen: 16.539 ng

RT: 15.52 min Scan# 2083

Delta R.T. 0.45 min

Lab File: BG033067.D

Acq: 9 Mar 2018 8:33

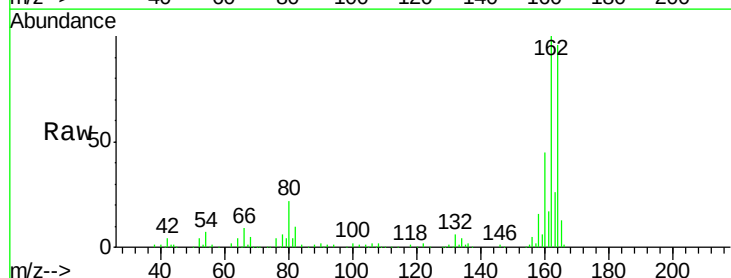
Tgt Ion: 165 Resp: 17365

Ion Ratio Lower Upper

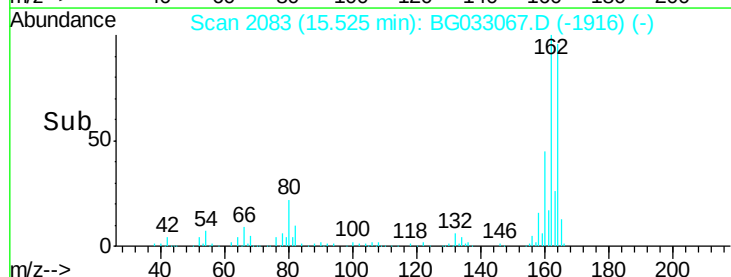
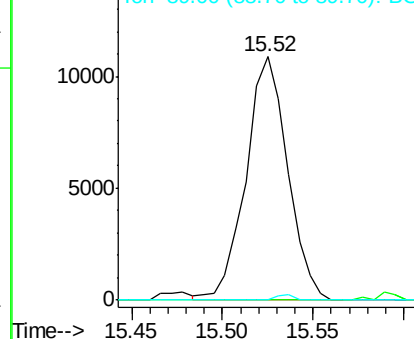
165 100

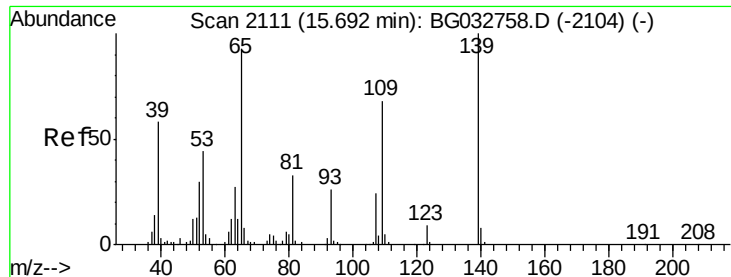
63 0.0 52.7 79.1#

89 0.0 49.2 73.8#



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

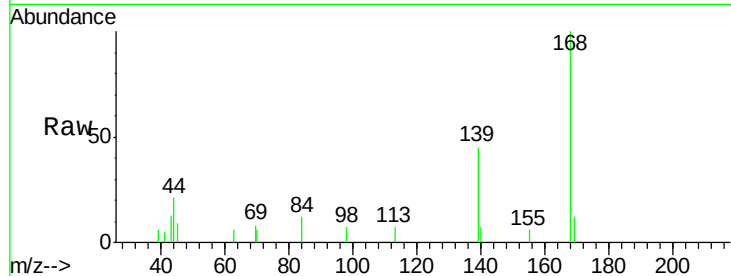




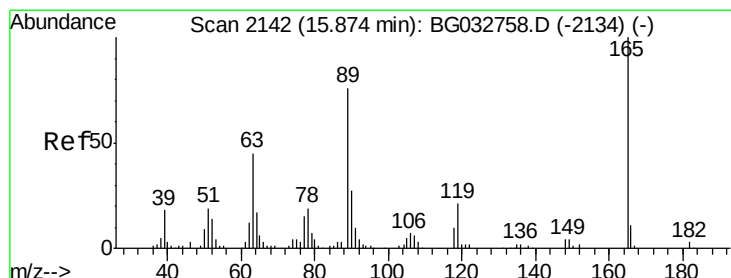
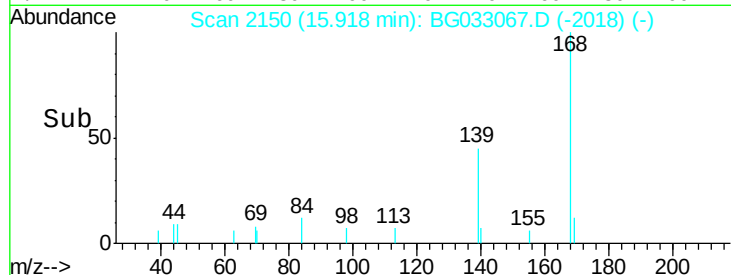
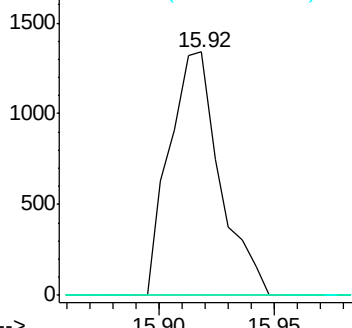
#55
4-Nitrophenol
Concen: 8.096 ng
RT: 15.92 min Scan# 2150
Delta R.T. 0.24 min
Lab File: BG033067.D
Acq: 9 Mar 2018 8:33

Instrument :
BNA_G
ClientSampled :

Tot Ion:139 Resp: 2041
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#

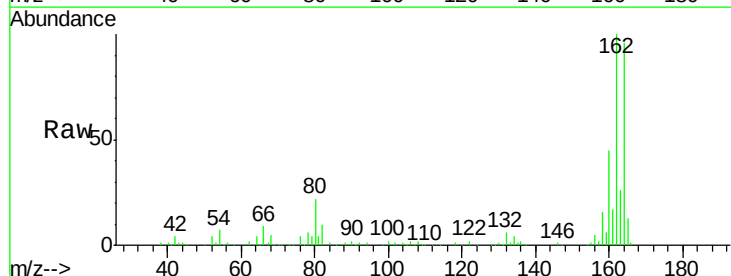


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

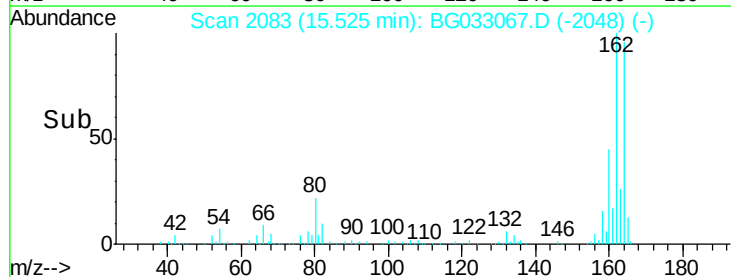
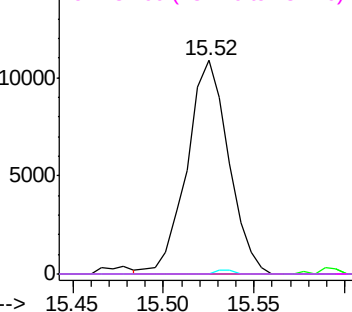


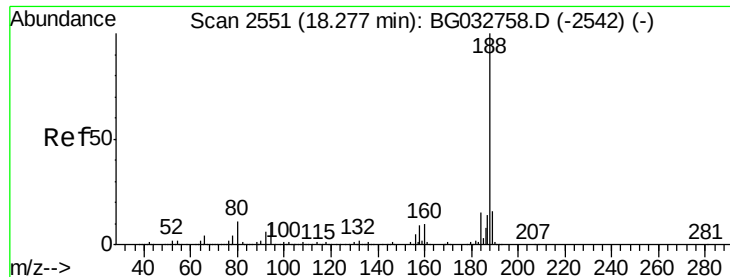
#56
2,4-Dinitrotoluene
Concen: 14.738 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.33 min
Lab File: BG033067.D
Acq: 9 Mar 2018 8:33

Tgt Ion:165 Resp: 17365
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: 18.25 min Scan# 2547

Delta R.T. -0.00 min

Lab File: BG033067.D

Acq: 9 Mar 2018 8:33

Instrument :

BNA_G

ClientSampleId :

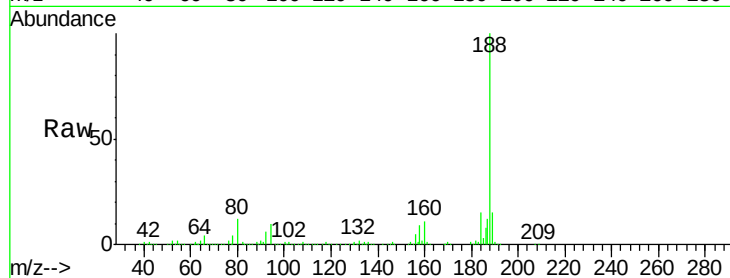
Tot Ion:188 Resp: 294093

Ion Ratio Lower Upper

188 100

94 10.1 6.9 10.3

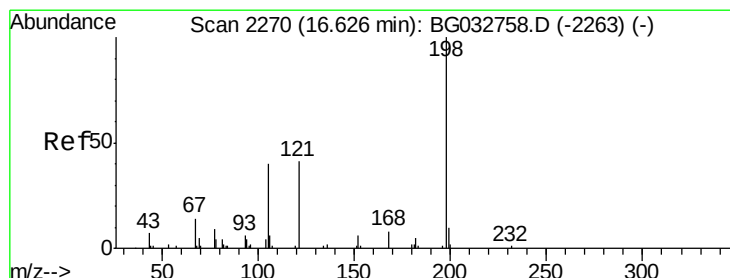
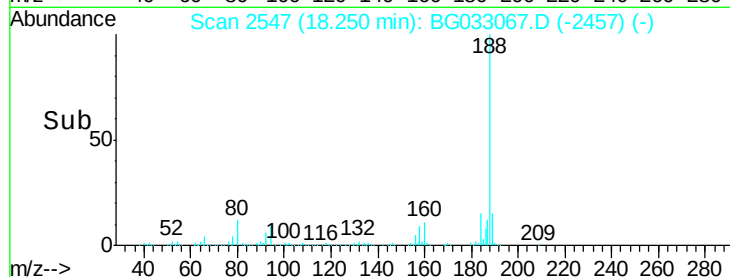
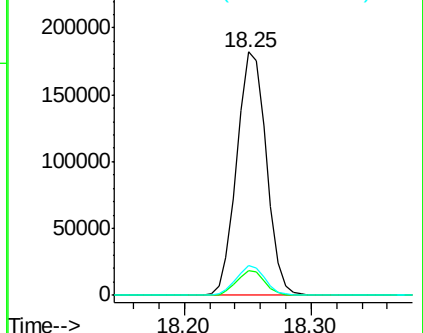
80 12.1 7.7 11.5#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 5.799 ng

RT: 17.00 min Scan# 2334

Delta R.T. 0.39 min

Lab File: BG033067.D

Acq: 9 Mar 2018 8:33

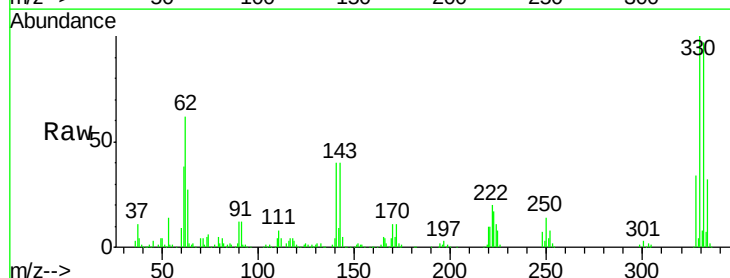
Tgt Ion:198 Resp: 589

Ion Ratio Lower Upper

198 100

51 188.6 30.6 70.6#

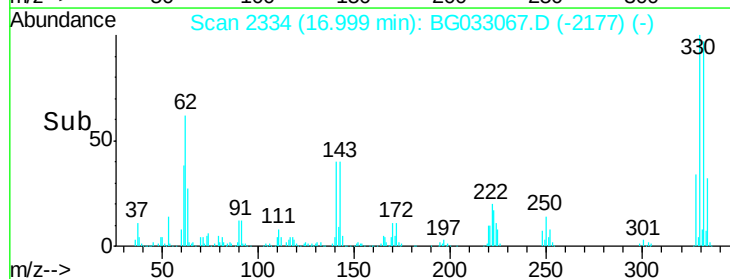
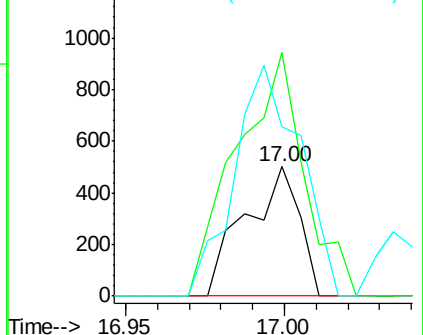
105 131.6 23.8 63.8#

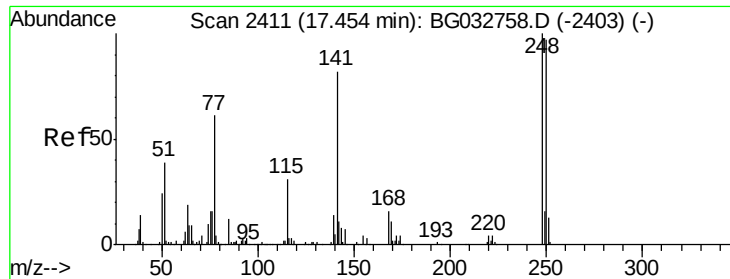


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

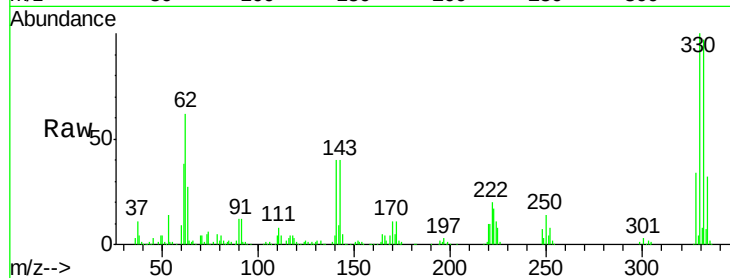




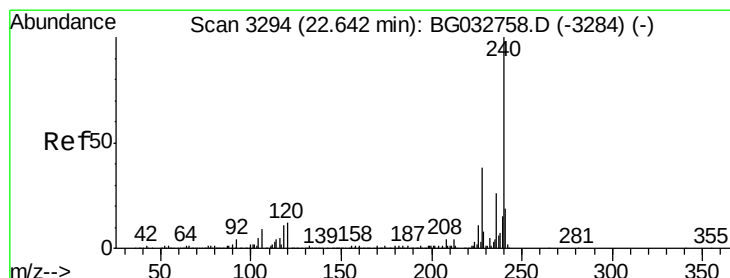
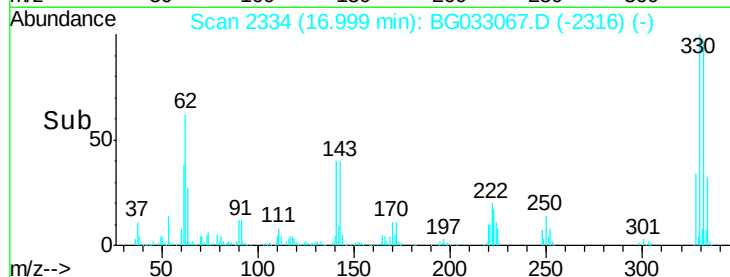
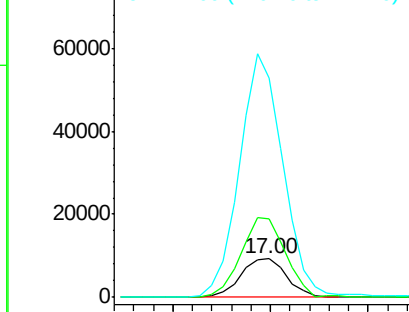
#66
 4-Bromophenyl-phenylether
 Concen: 4.846 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.43 min
 Lab File: BG033067.D
 Acq: 9 Mar 2018 8:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 15069
 Ion Ratio Lower Upper
 248 100
 250 203.6 77.1 115.7#
 141 566.7 50.8 76.2#

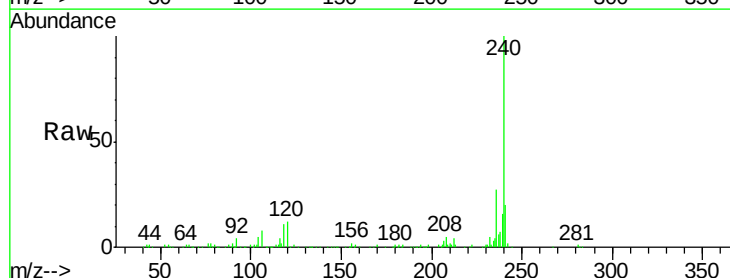


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

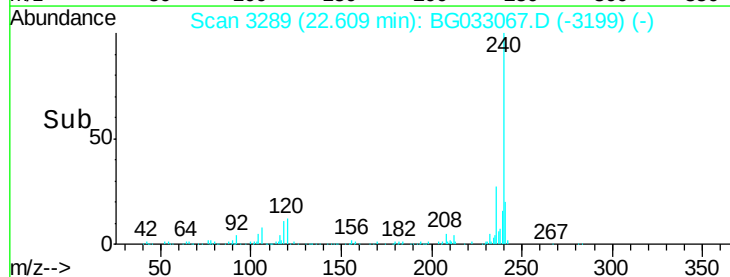
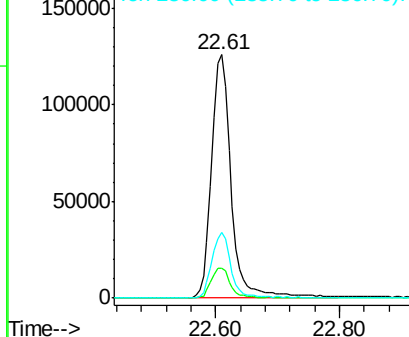


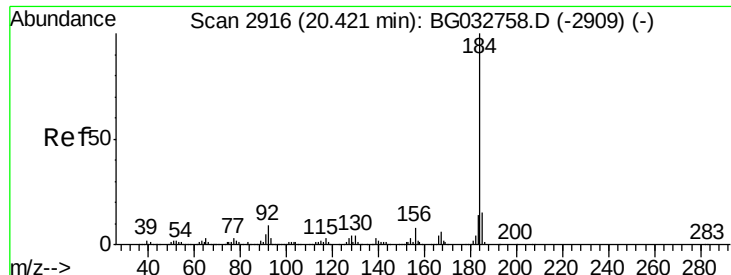
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.61 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: BG033067.D
 Acq: 9 Mar 2018 8:33

Tgt Ion:240 Resp: 277054
 Ion Ratio Lower Upper
 240 100
 120 12.2 6.8 10.2#
 236 27.0 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: 2.308 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.37 min

Lab File: BG033067.D

Acq: 9 Mar 2018 8:33

Instrument :

BNA_G

ClientSampleId :

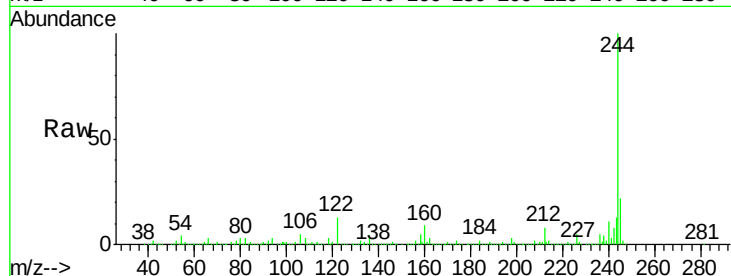
Tot Ion:184 Resp: 21794

Ion Ratio Lower Upper

184 100

185 16.2 11.1 16.7

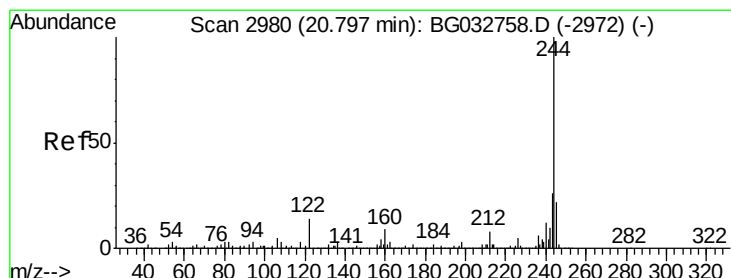
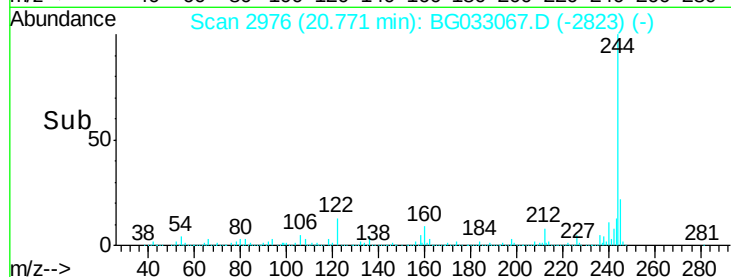
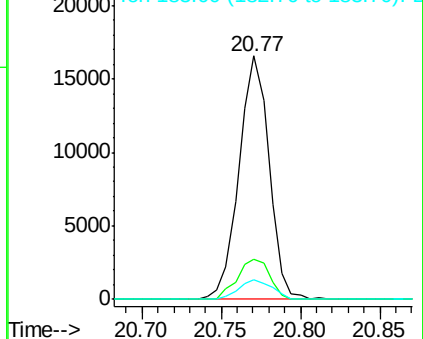
183 8.2 10.6 16.0#



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: 102.630 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033067.D

Acq: 9 Mar 2018 8:33

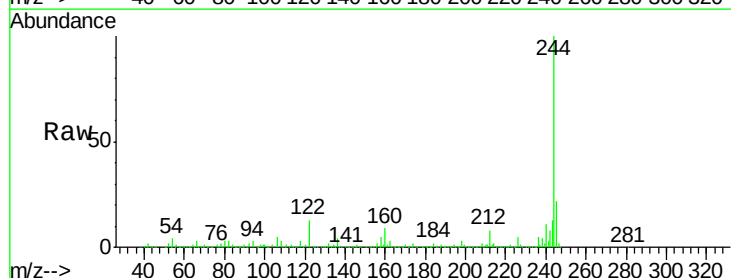
Tgt Ion:244 Resp: 1265573

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

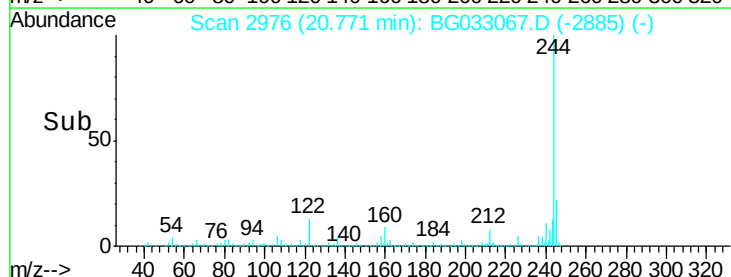
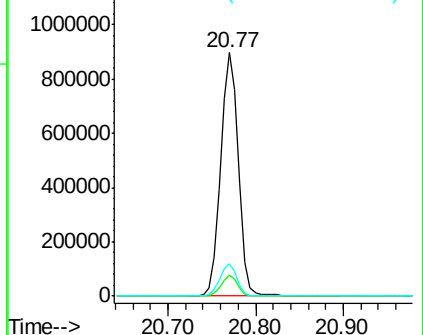
122 13.2 7.0 10.4#

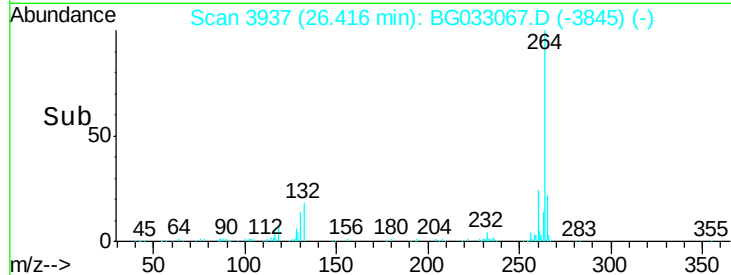
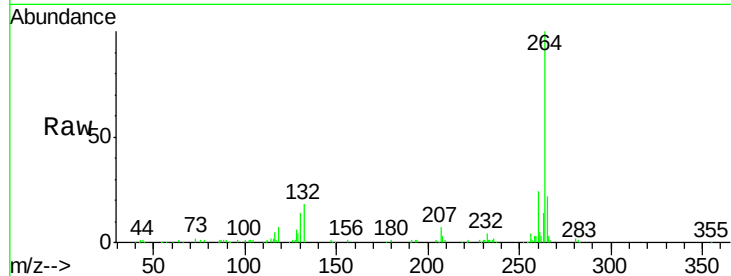
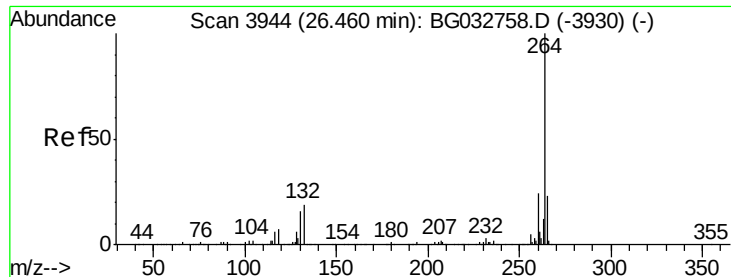


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.42 min Scan# 3937
 Delta R.T. 0.01 min
 Lab File: BG033067.D
 Acq: 9 Mar 2018 8:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	264	Resp:	236554
Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	21.8	17.7	26.5

