

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030518\
 Data File : BG033006.D
 Acq On : 6 Mar 2018 2:45
 Operator : SJ/JU
 Sample : J1792-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 06 06:55:53 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	59023	20.00	ng	-0.01
21) Naphthalene-d8	11.80	136	263003	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	150623	20.00	ng	-0.01
63) Phenanthrene-d10	18.26	188	346880	20.00	ng	0.00
75) Chrysene-d12	22.61	240	319085	20.00	ng	-0.01
86) Perylene-d12	26.41	264	277574	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.33	112	488554	132.43	ng	0.00
7) Phenol-d6	8.01	99	606601	117.96	ng	0.00
23) Nitrobenzene-d5	10.11	82	437605	111.91	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	227161	143.43	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	935766	89.60	ng	-0.01
78) Terphenyl-d14	20.78	244	1417233	99.79	ng	0.00

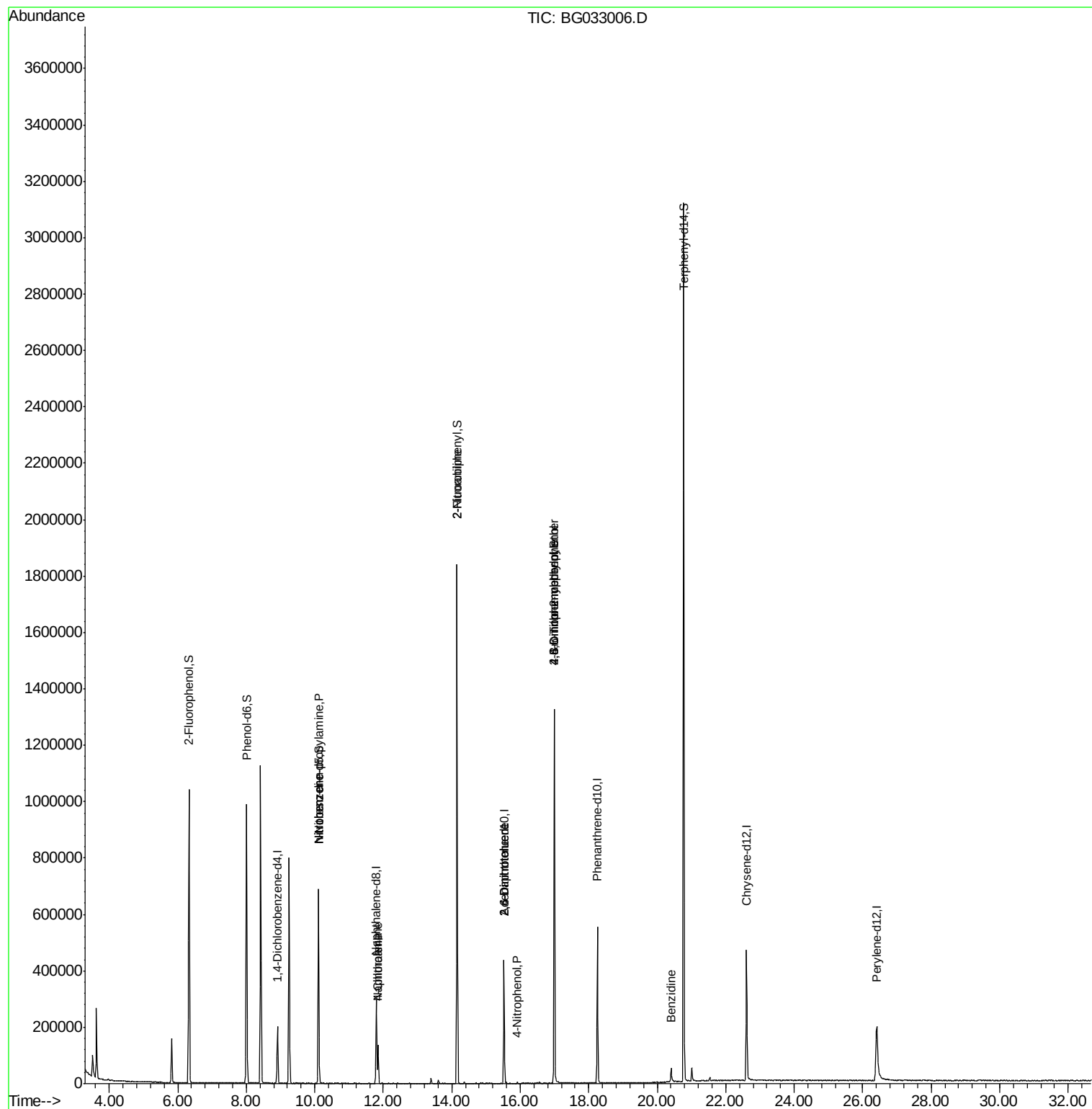
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	10.11	70	57208	15.758	ng	# 84
24) Nitrobenzene	10.11	77	1146	6.617	ng	# 42
31) Naphthalene	11.85	128	119046	8.662	ng	# 97
33) 4-Chloroaniline	11.85	127	16045	2.611	ng	# 37
47) 2-Nitroaniline	14.16	65	1871	10.436	ng	# 1
50) 2,6-Dinitrotoluene	15.52	165	19295	16.323	ng	# 20
55) 4-Nitrophenol	15.92	139	1417	7.697	ng	# 1
56) 2,4-Dinitrotoluene	15.52	165	19295	14.521	ng	# 18
64) 4,6-Dinitro-2-methylphenol	17.00	198	748	5.864	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	16134	4.399	ng	# 1
76) Benzidine	20.41	184	38439	3.534	ng	# 99

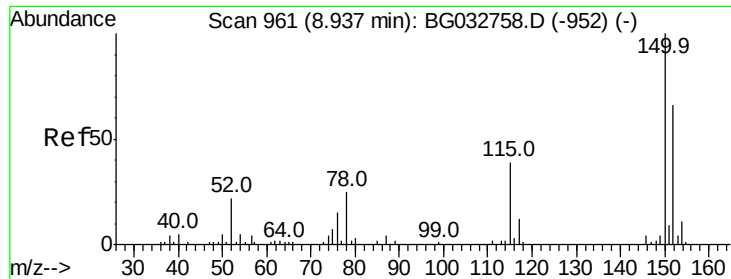
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030518\
Data File : BG033006.D
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Misc :
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BNA_G
ClientSampleId :

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
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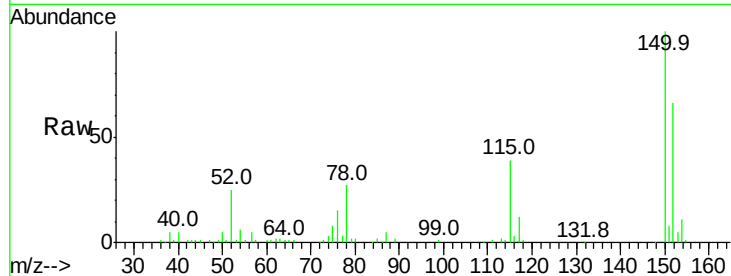


#1

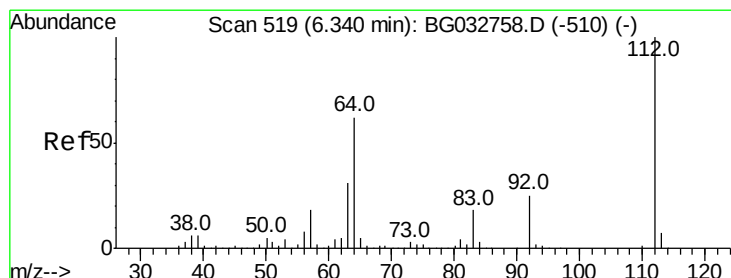
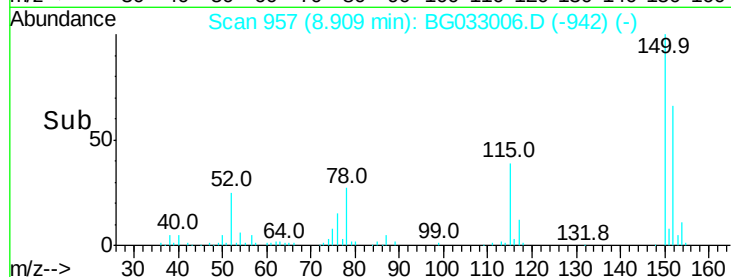
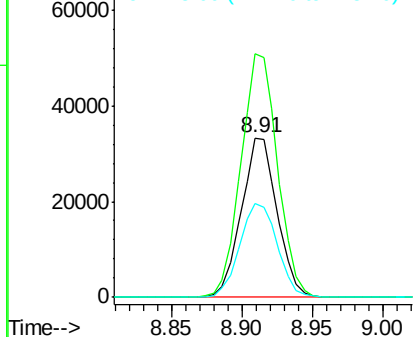
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG033006.D
Acq: 6 Mar 2018 2:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 59023
Ion Ratio Lower Upper
152 100
150 152.7 126.6 189.8
115 59.0 53.0 79.4



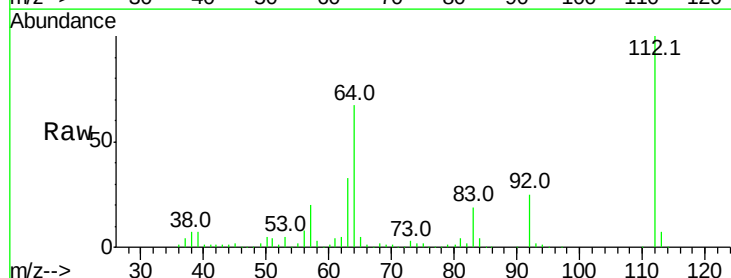
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



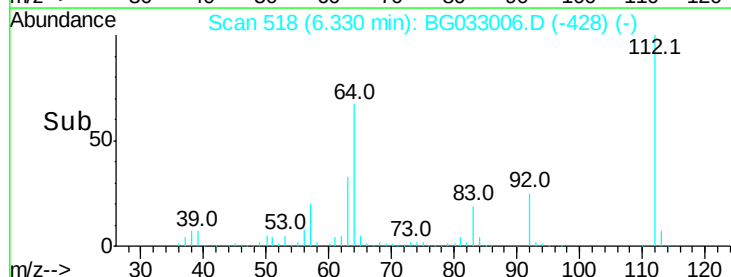
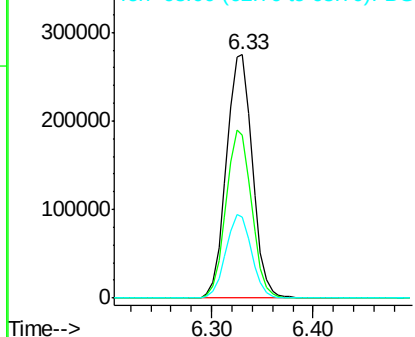
#5

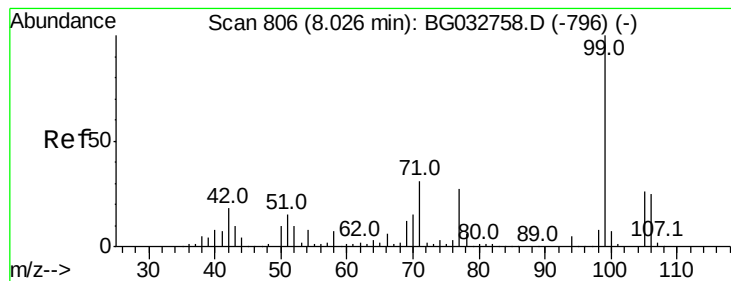
2-Fluorophenol
Concen: 132.426 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.00 min
Lab File: BG033006.D
Acq: 6 Mar 2018 2:45

Tgt Ion:112 Resp: 488554
Ion Ratio Lower Upper
112 100
64 67.0 56.3 84.5
63 33.2 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: 117.962 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG033006.D

Acq: 6 Mar 2018 2:45

Instrument :

BNA_G

ClientSampled :

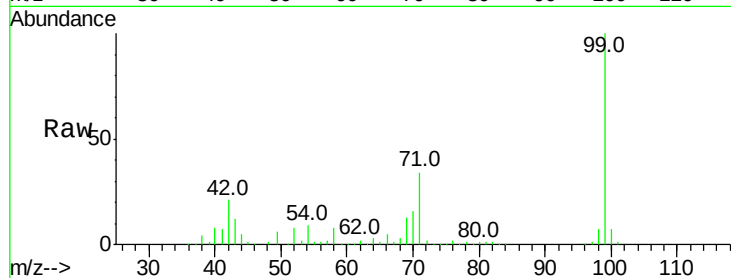
Tot Ion: 99 Resp: 606601

Ion Ratio Lower Upper

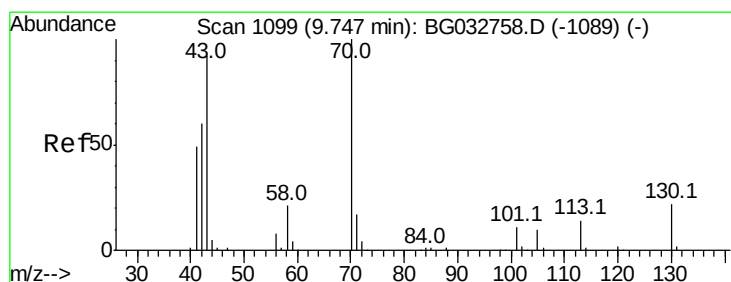
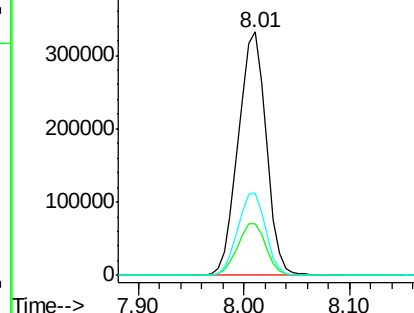
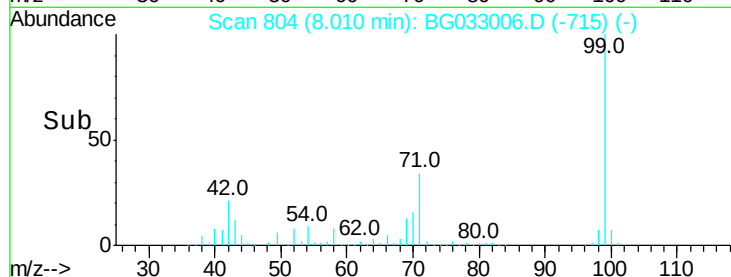
99 100

42 21.4 14.1 21.1#

71 33.6 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: 15.758 ng

RT: 10.11 min Scan# 1162

Delta R.T. 0.38 min

Lab File: BG033006.D

Acq: 6 Mar 2018 2:45

Tgt Ion: 70 Resp: 57208

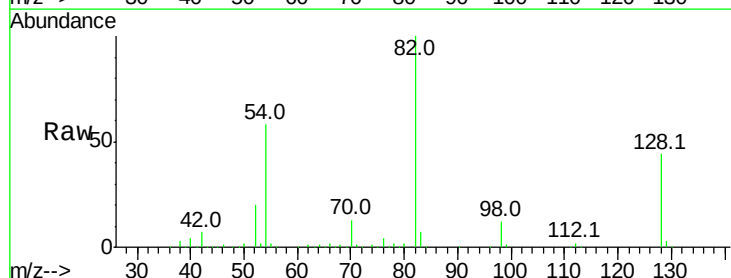
Ion Ratio Lower Upper

70 100

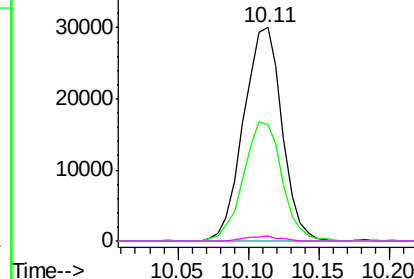
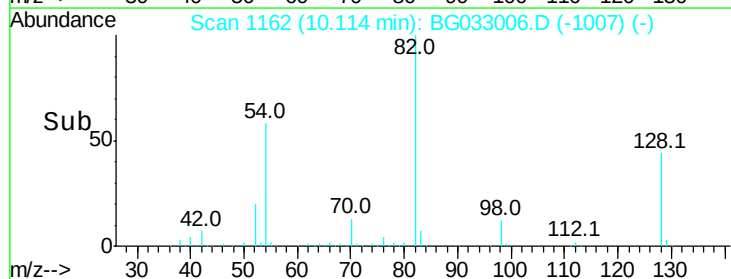
42 54.5 49.1 73.7

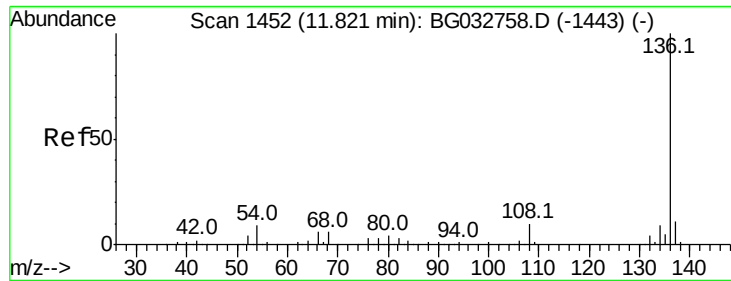
101 0.0 8.5 12.7#

130 2.2 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

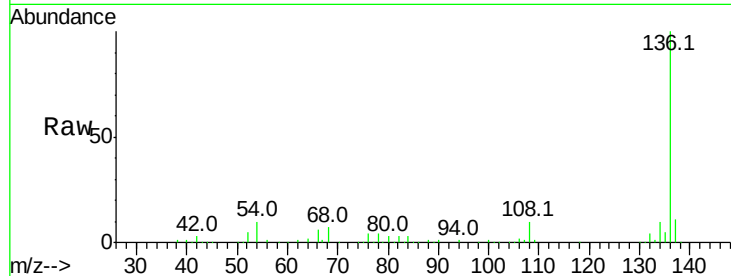




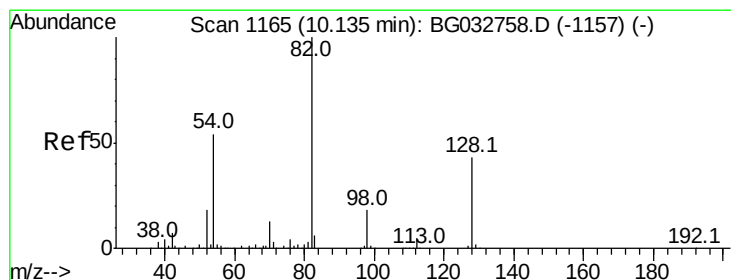
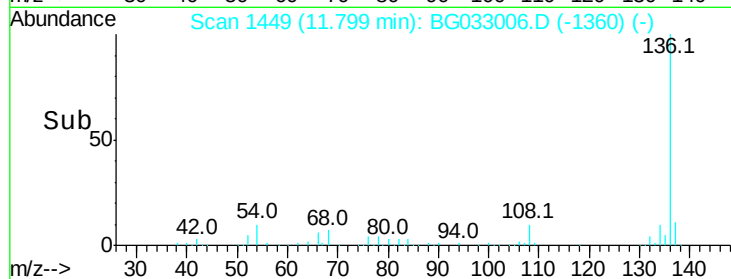
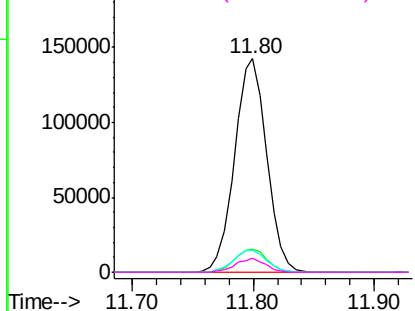
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BG033006.D
Acq: 6 Mar 2018 2:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	263003
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	10.1	10.3	15.5#
68	6.7	4.5	6.7#

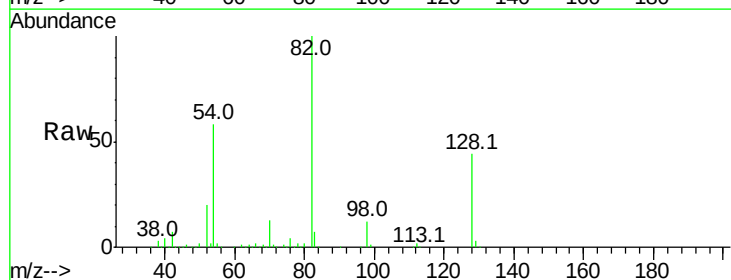


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

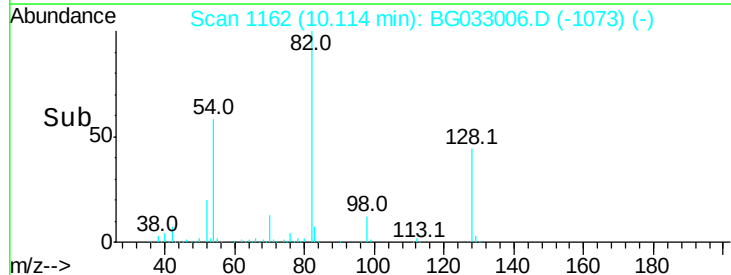
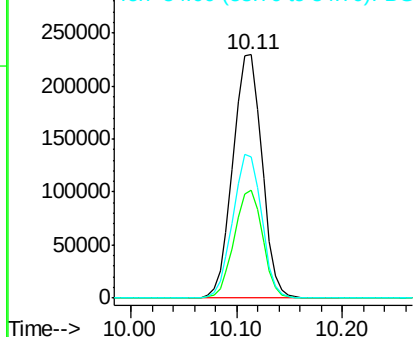


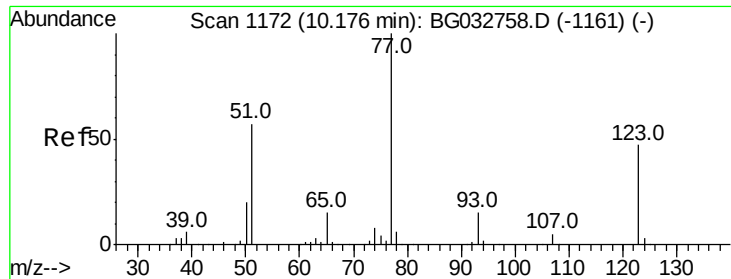
#23
Nitrobenzene-d5
Concen: 111.912 ng
RT: 10.11 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BG033006.D
Acq: 6 Mar 2018 2:45

Tgt Ion:	82	Resp:	437605
Ion	Ratio	Lower	Upper
82	100		
128	44.3	29.7	44.5
54	57.7	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





#24

Nitrobenzene

Concen: 6.617 ng

RT: 10.11 min Scan# 1161

Delta R.T. -0.06 min

Lab File: BG033006.D

Acq: 6 Mar 2018 2:45

Instrument :

BNA_G

ClientSampled :

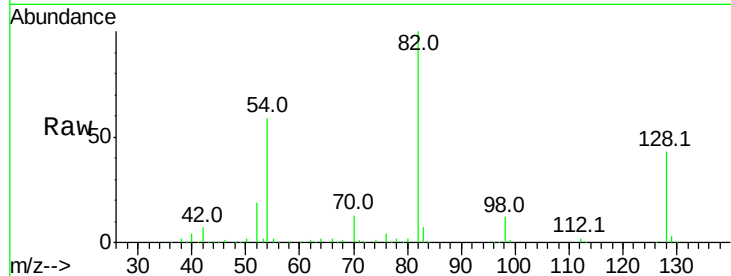
Tot Ion: 77 Resp: 1146

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.6#

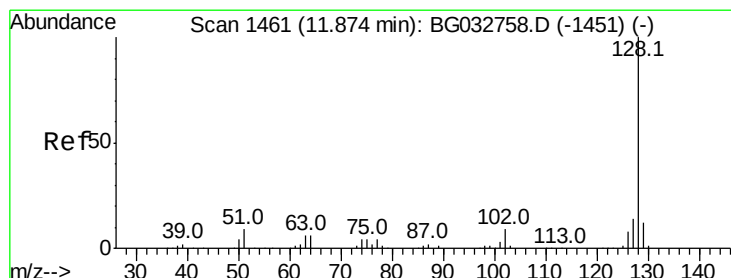
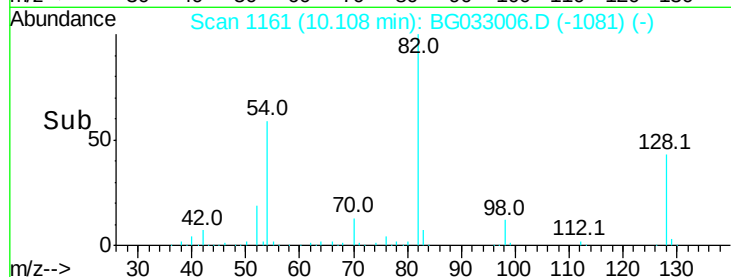
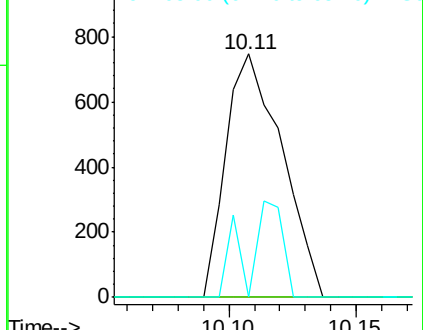
65 0.0 13.0 19.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC



#31

Naphthalene

Concen: 8.662 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG033006.D

Acq: 6 Mar 2018 2:45

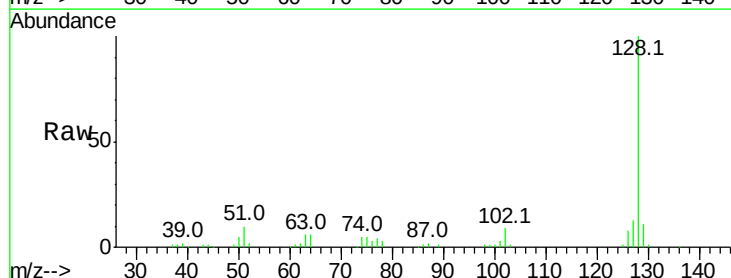
Tgt Ion: 128 Resp: 119046

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

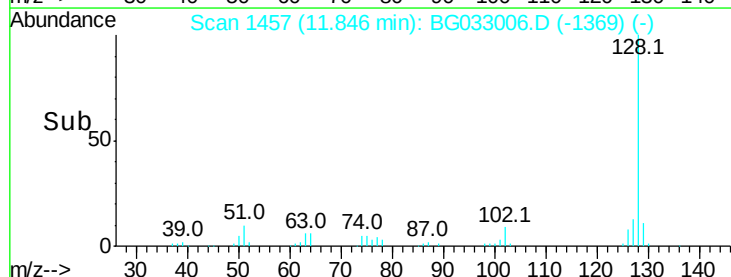
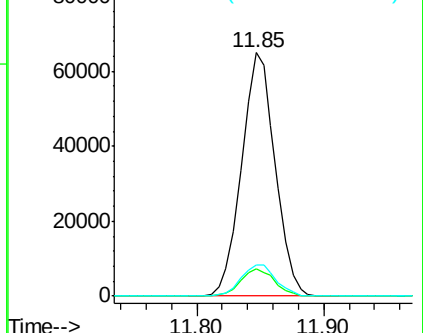
127 12.7 11.6 17.4

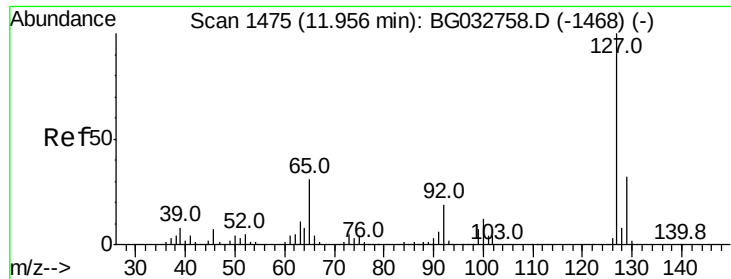


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC

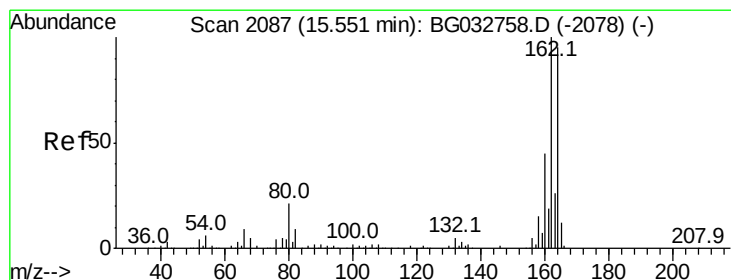
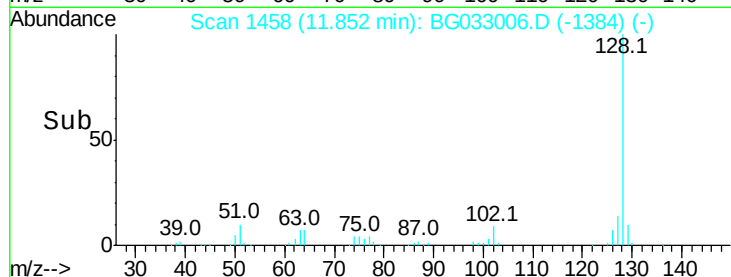
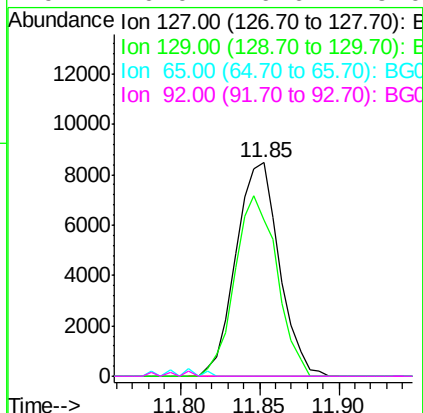
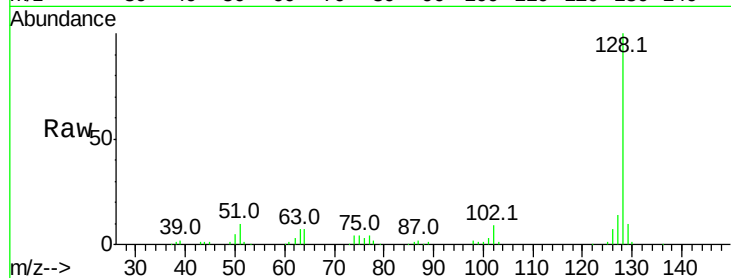




#33
4-Chloroaniline
Concen: 2.611 ng
RT: 11.85 min Scan# 1458
Delta R.T. -0.09 min
Lab File: BG033006.D
Acq: 6 Mar 2018 2:45

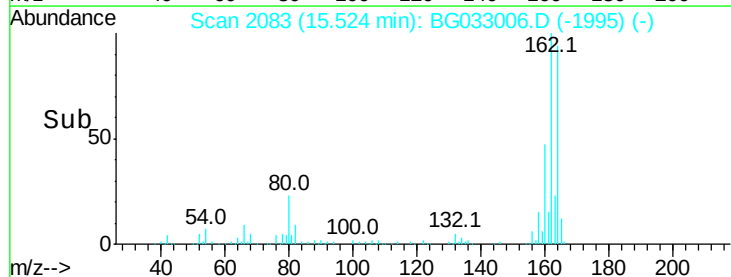
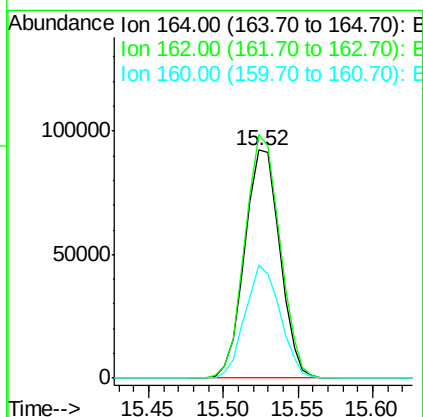
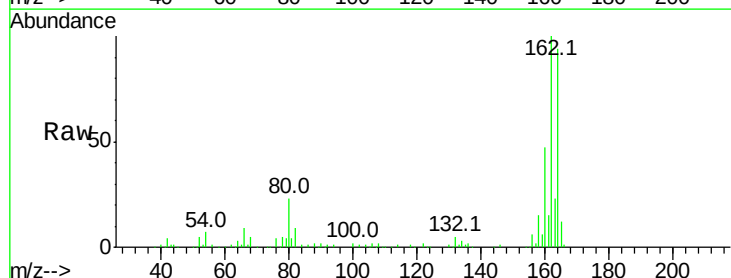
Instrument :
BNA_G
ClientSampleId :

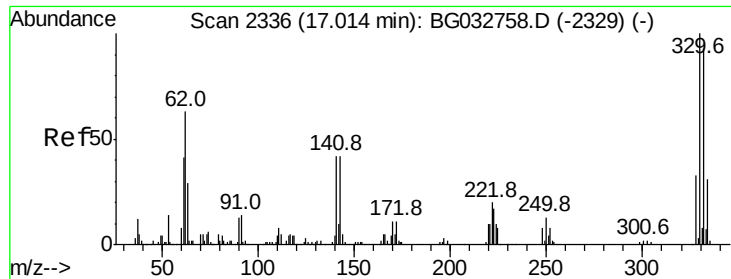
Tot Ion:127 Resp: 16045
Ion Ratio Lower Upper
127 100
129 73.4 24.0 36.0#
65 0.0 27.0 40.4#
92 0.0 16.6 25.0#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG033006.D
Acq: 6 Mar 2018 2:45

Tgt Ion:164 Resp: 150623
Ion Ratio Lower Upper
164 100
162 106.9 78.8 118.2
160 49.8 35.4 53.0

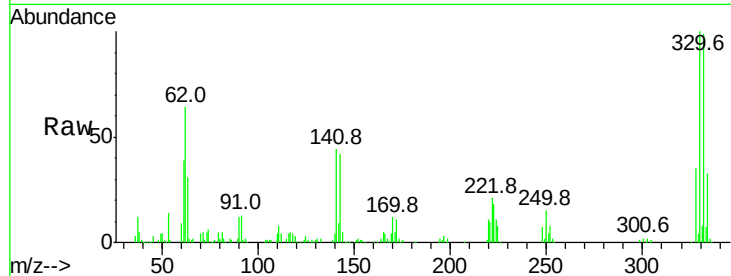




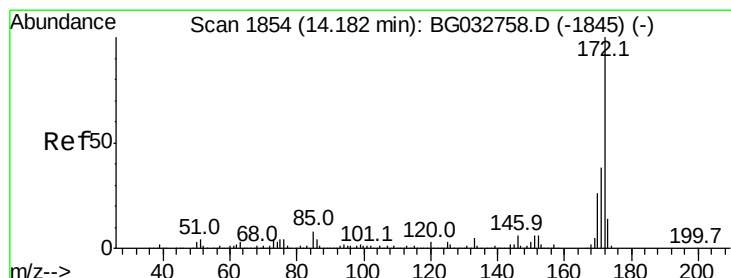
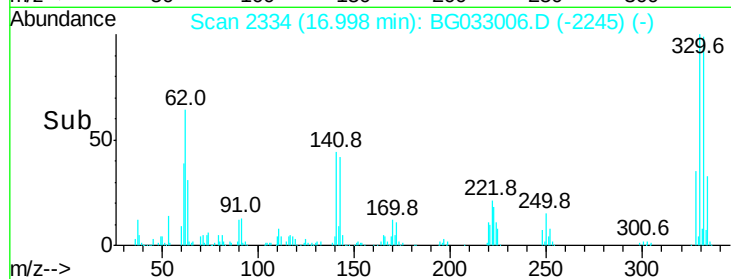
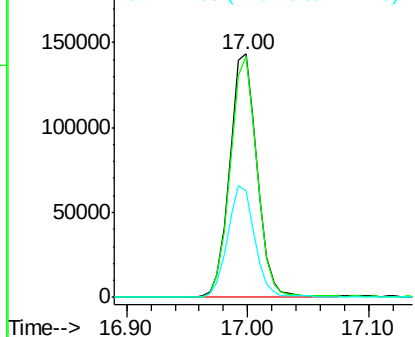
#41
 2,4,6-Tribromophenol
 Concen: 143.432 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.01 min
 Lab File: BG033006.D
 Acq: 6 Mar 2018 2:45

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 227161
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 45.5 25.2 37.8#

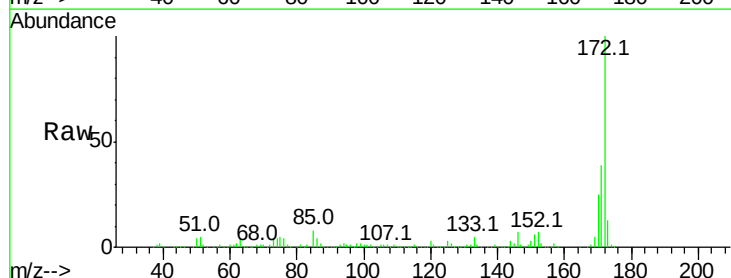


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

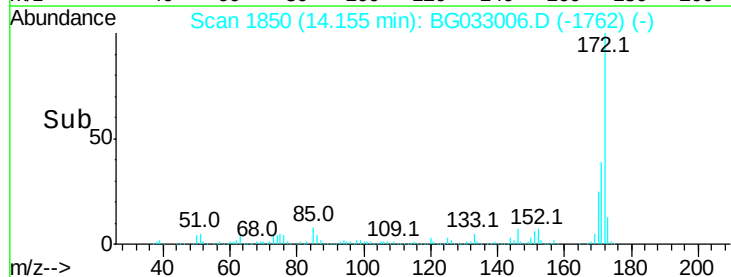
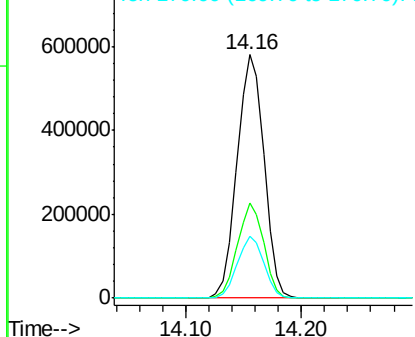


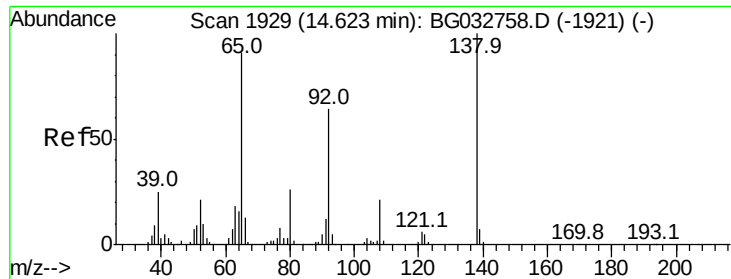
#44
 2-Fluorobiphenyl
 Concen: 89.602 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BG033006.D
 Acq: 6 Mar 2018 2:45

Tgt Ion:172 Resp: 935766
 Ion Ratio Lower Upper
 172 100
 171 39.0 30.0 45.0
 170 25.2 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

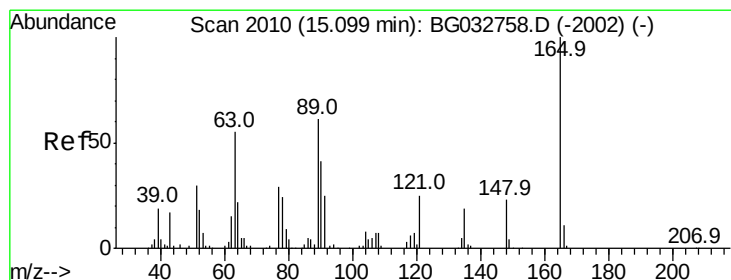
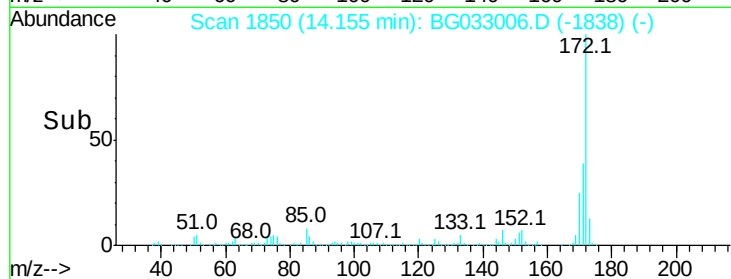
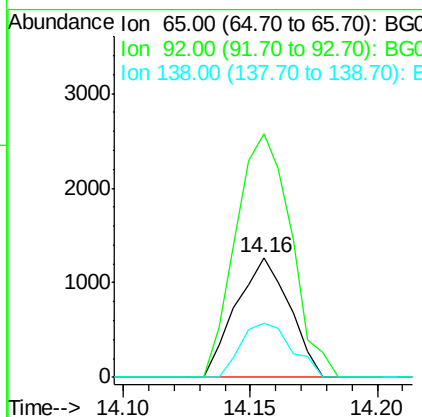
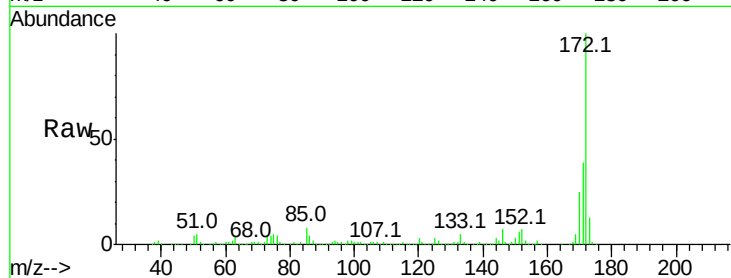




#47
2-Nitroaniline
Concen: 10.436 ng
RT: 14.16 min Scan# 1850
Delta R.T. -0.46 min
Lab File: BG033006.D
Acq: 6 Mar 2018 2:45

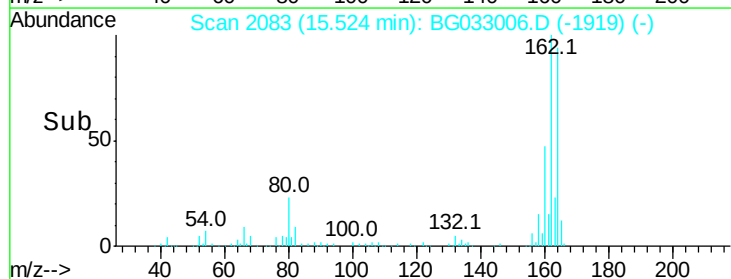
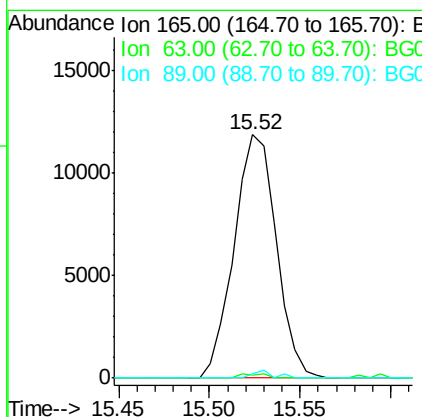
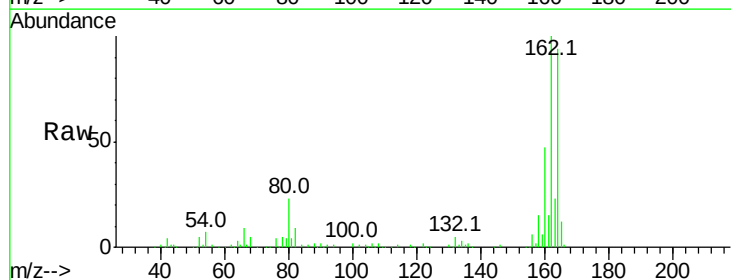
Instrument :
BNA_G
ClientSampled :

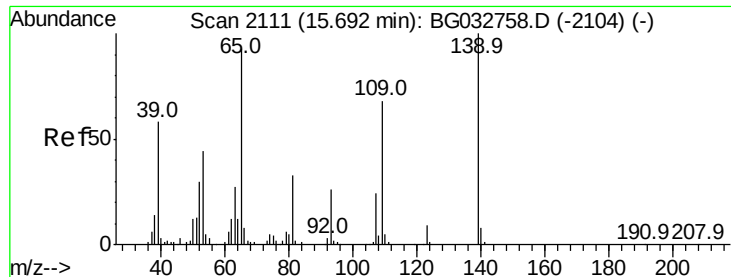
Tot Ion: 65 Resp: 1871
Ion Ratio Lower Upper
65 100
92 203.7 54.6 82.0#
138 45.5 72.9 109.3#



#50
2,6-Dinitrotoluene
Concen: 16.323 ng
RT: 15.52 min Scan# 2083
Delta R.T. 0.43 min
Lab File: BG033006.D
Acq: 6 Mar 2018 2:45

Tgt Ion:165 Resp: 19295
Ion Ratio Lower Upper
165 100
63 1.4 52.7 79.1#
89 1.8 49.2 73.8#

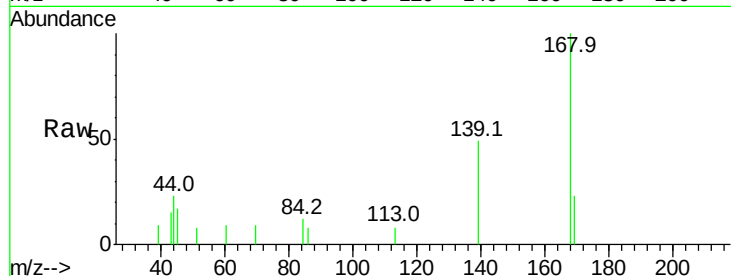




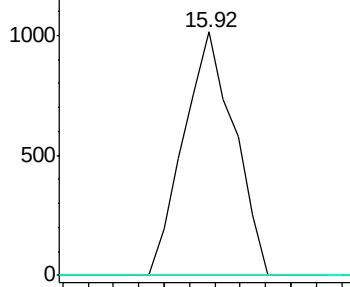
#55
4-Nitrophenol
Concen: 7.697 ng
RT: 15.92 min Scan# 2150
Delta R.T. 0.24 min
Lab File: BG033006.D
Acq: 6 Mar 2018 2:45

Instrument :
BNA_G
ClientSampleId :

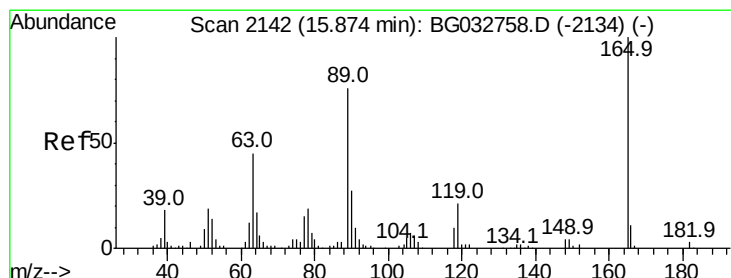
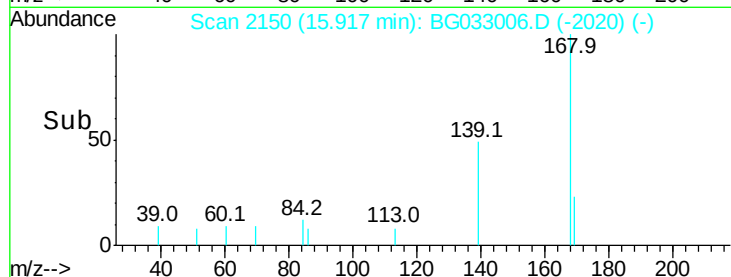
Tot Ion:139 Resp: 1417
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#



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

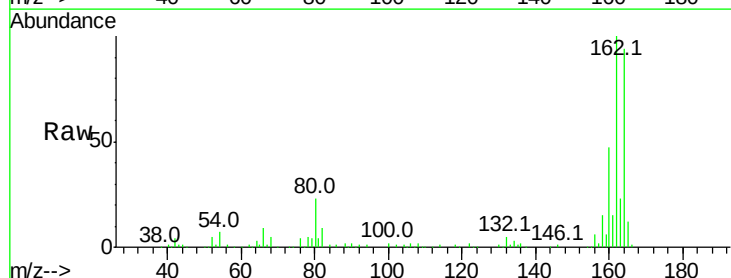


Time-->

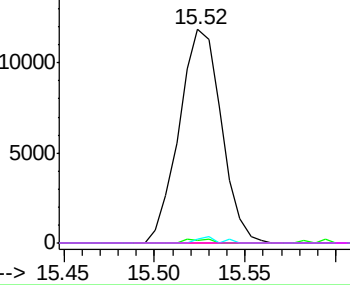


#56
2,4-Dinitrotoluene
Concen: 14.521 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.33 min
Lab File: BG033006.D
Acq: 6 Mar 2018 2:45

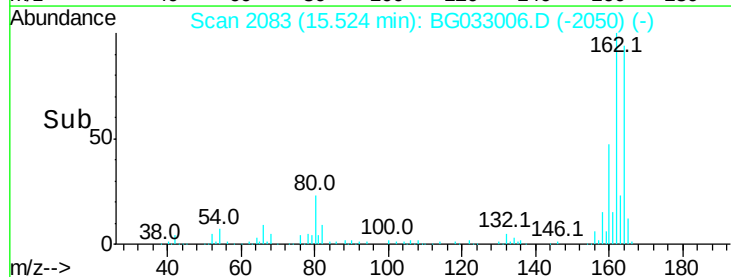
Tgt Ion:165 Resp: 19295
Ion Ratio Lower Upper
165 100
63 1.4 42.0 63.0#
89 1.8 66.9 100.3#
182 0.0 2.6 3.8#

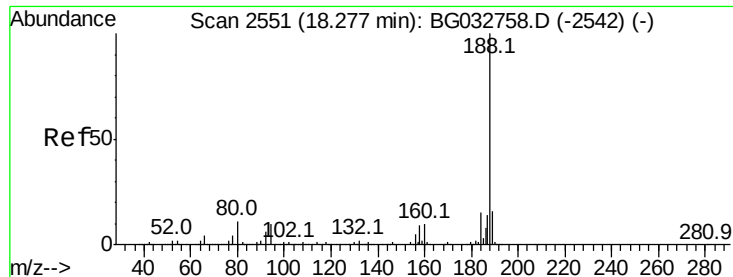


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E



Time-->

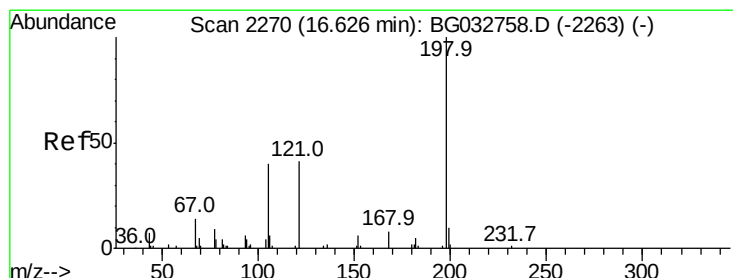
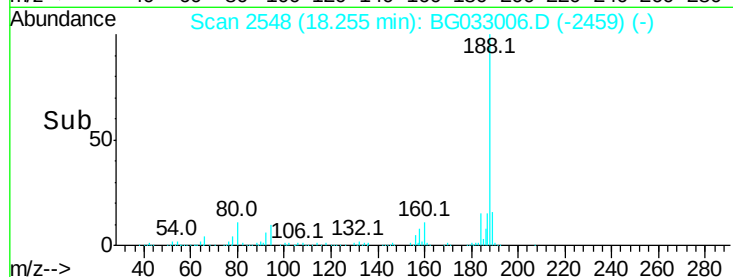
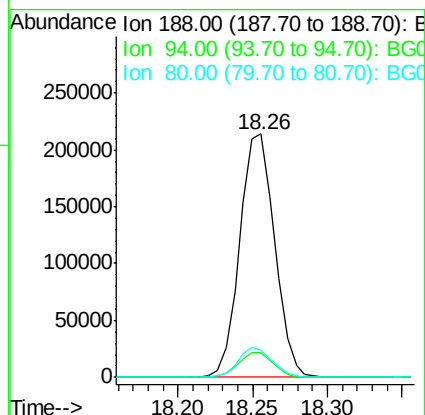
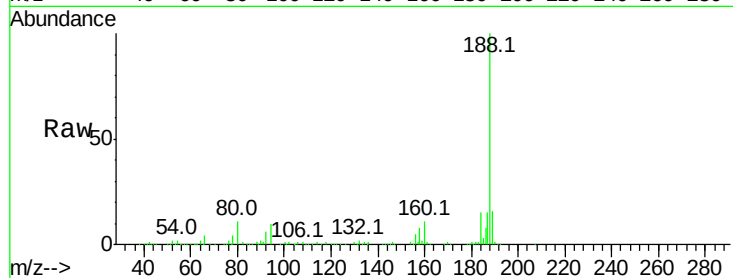




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BG033006.D
Acq: 6 Mar 2018 2:45

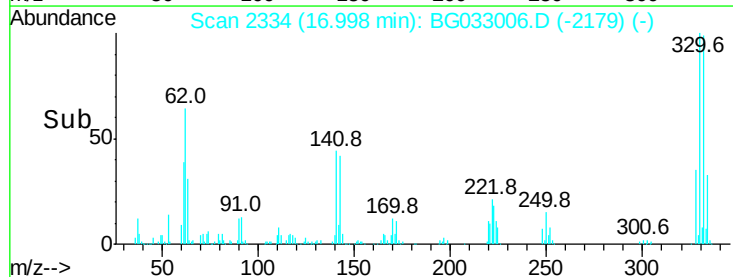
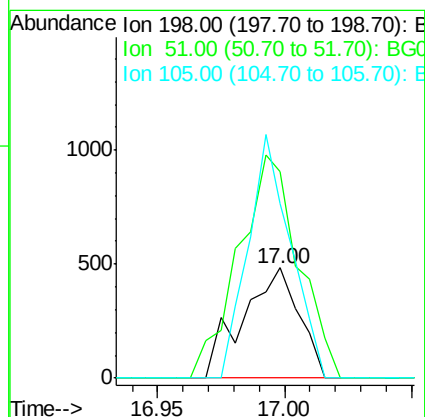
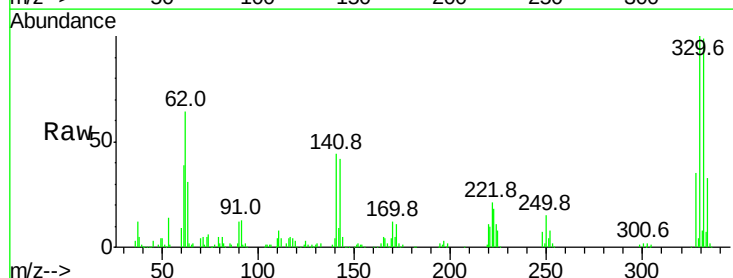
Instrument :
BNA_G
ClientSampleId :

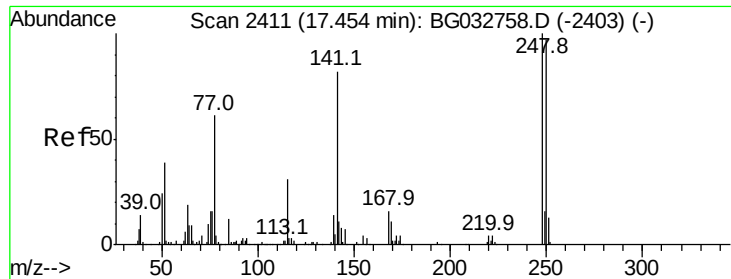
Tot Ion:188 Resp: 346880
Ion Ratio Lower Upper
188 100
94 10.3 6.9 10.3#
80 11.2 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 5.864 ng
RT: 17.00 min Scan# 2334
Delta R.T. 0.38 min
Lab File: BG033006.D
Acq: 6 Mar 2018 2:45

Tgt Ion:198 Resp: 748
Ion Ratio Lower Upper
198 100
51 188.2 30.6 70.6#
105 158.7 23.8 63.8#

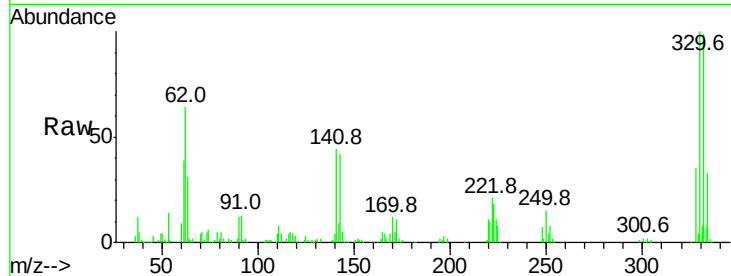




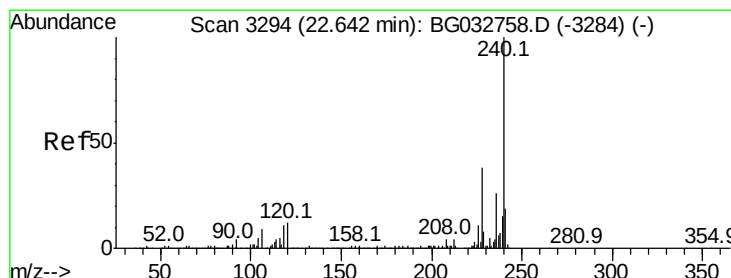
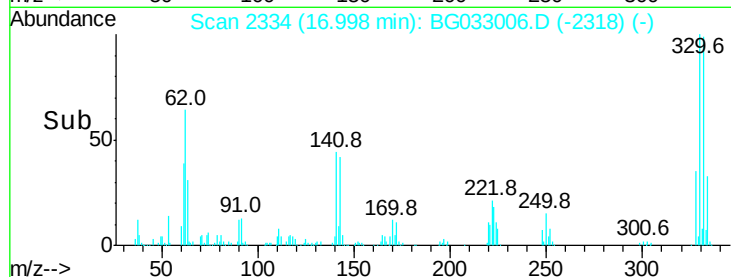
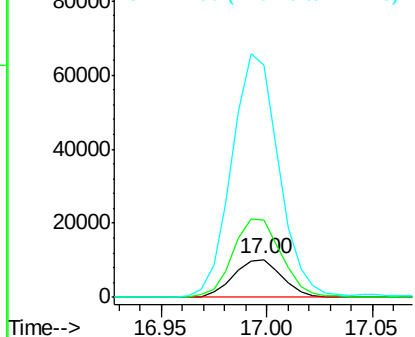
#66
 4-Bromophenyl-phenylether
 Concen: 4.399 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.43 min
 Lab File: BG033006.D
 Acq: 6 Mar 2018 2:45

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 16134
 Ion Ratio Lower Upper
 248 100
 250 205.5 77.1 115.7#
 141 614.5 50.8 76.2#

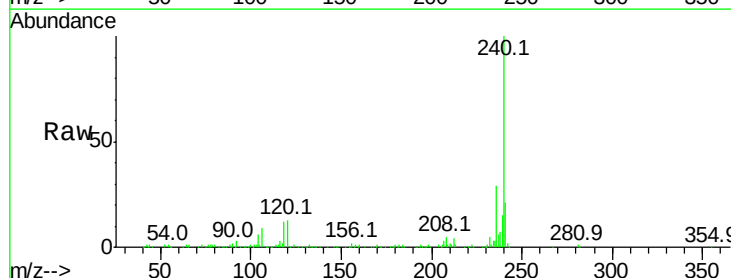


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

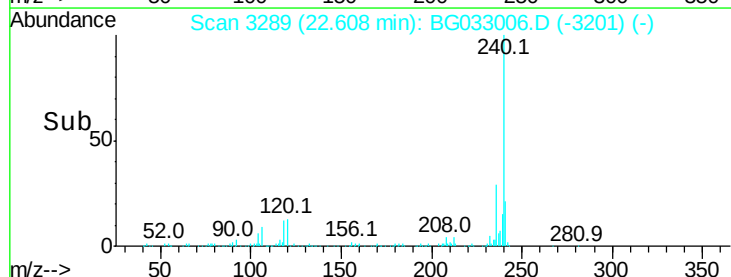
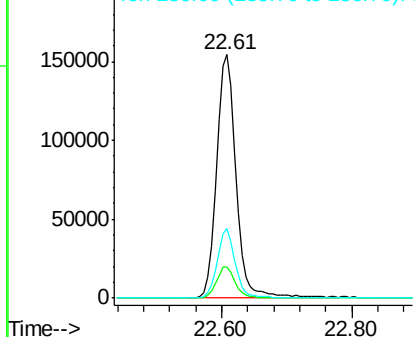


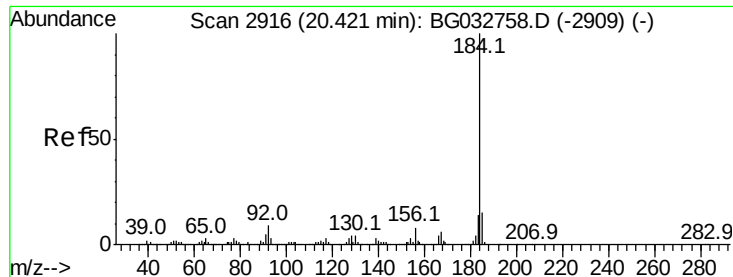
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.61 min Scan# 3289
 Delta R.T. -0.01 min
 Lab File: BG033006.D
 Acq: 6 Mar 2018 2:45

Tgt Ion:240 Resp: 319085
 Ion Ratio Lower Upper
 240 100
 120 12.9 6.8 10.2#
 236 28.5 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: 3.534 ng

RT: 20.41 min Scan# 2914

Delta R.T. -0.01 min

Lab File: BG033006.D

Acq: 6 Mar 2018 2:45

Instrument :

BNA_G

ClientSampleId :

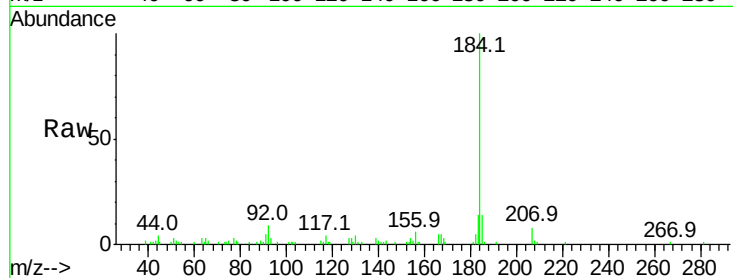
Tot Ion:184 Resp: 38439

Ion Ratio Lower Upper

184 100

185 13.7 11.1 16.7

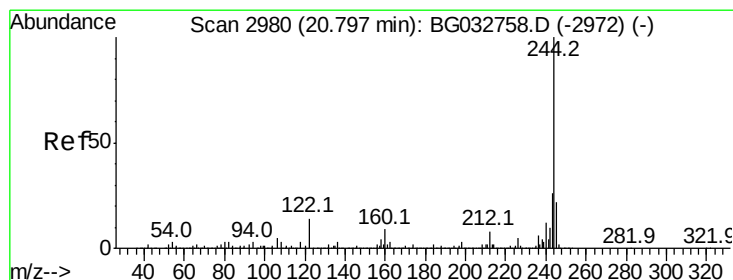
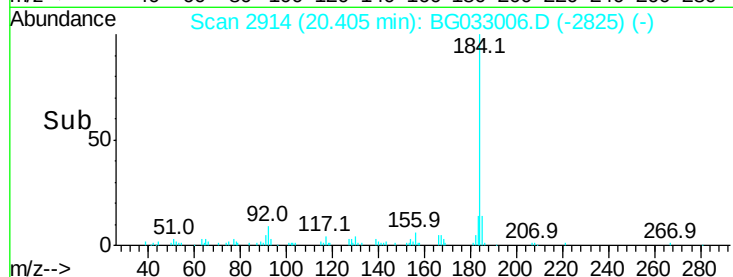
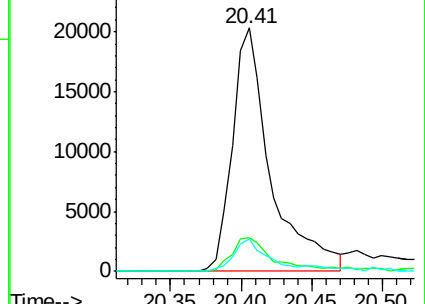
183 13.6 10.6 16.0



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: 99.790 ng

RT: 20.78 min Scan# 2977

Delta R.T. 0.00 min

Lab File: BG033006.D

Acq: 6 Mar 2018 2:45

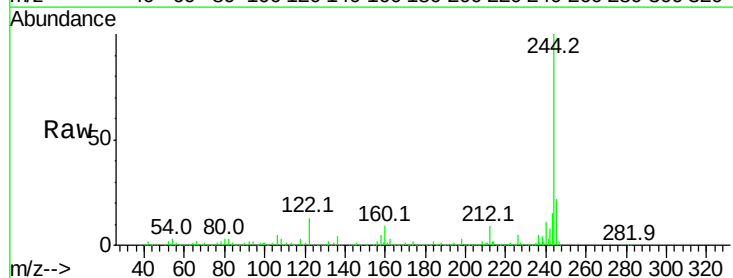
Tgt Ion:244 Resp: 1417233

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

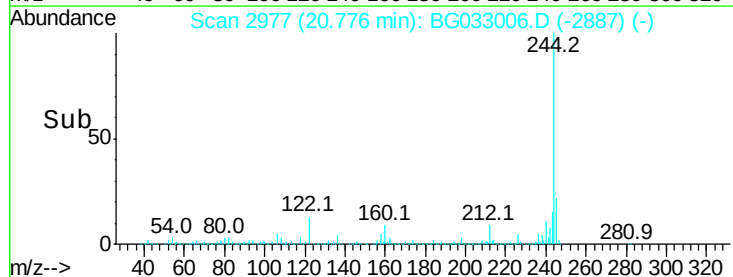
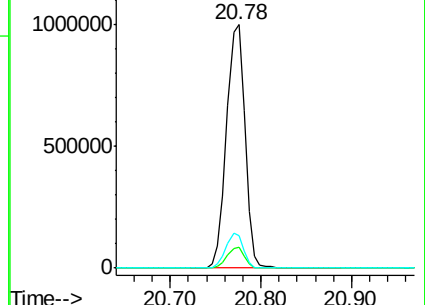
122 13.4 7.0 10.4#

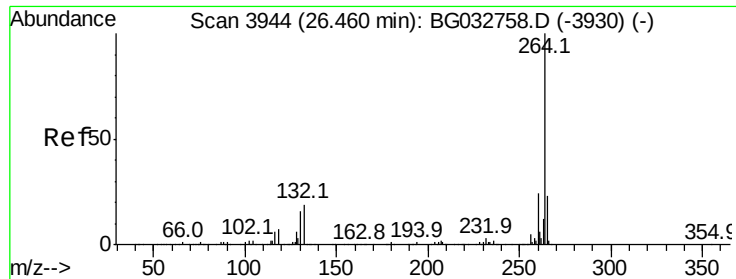


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.41 min Scan# 3936
Delta R.T. -0.02 min
Lab File: BG033006.D
Acq: 6 Mar 2018 2:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.5	17.7	26.5

