

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030818\
 Data File : BG033058.D
 Acq On : 9 Mar 2018 2:55
 Operator : SJ/JU
 Sample : J1819-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 09 04:21:56 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

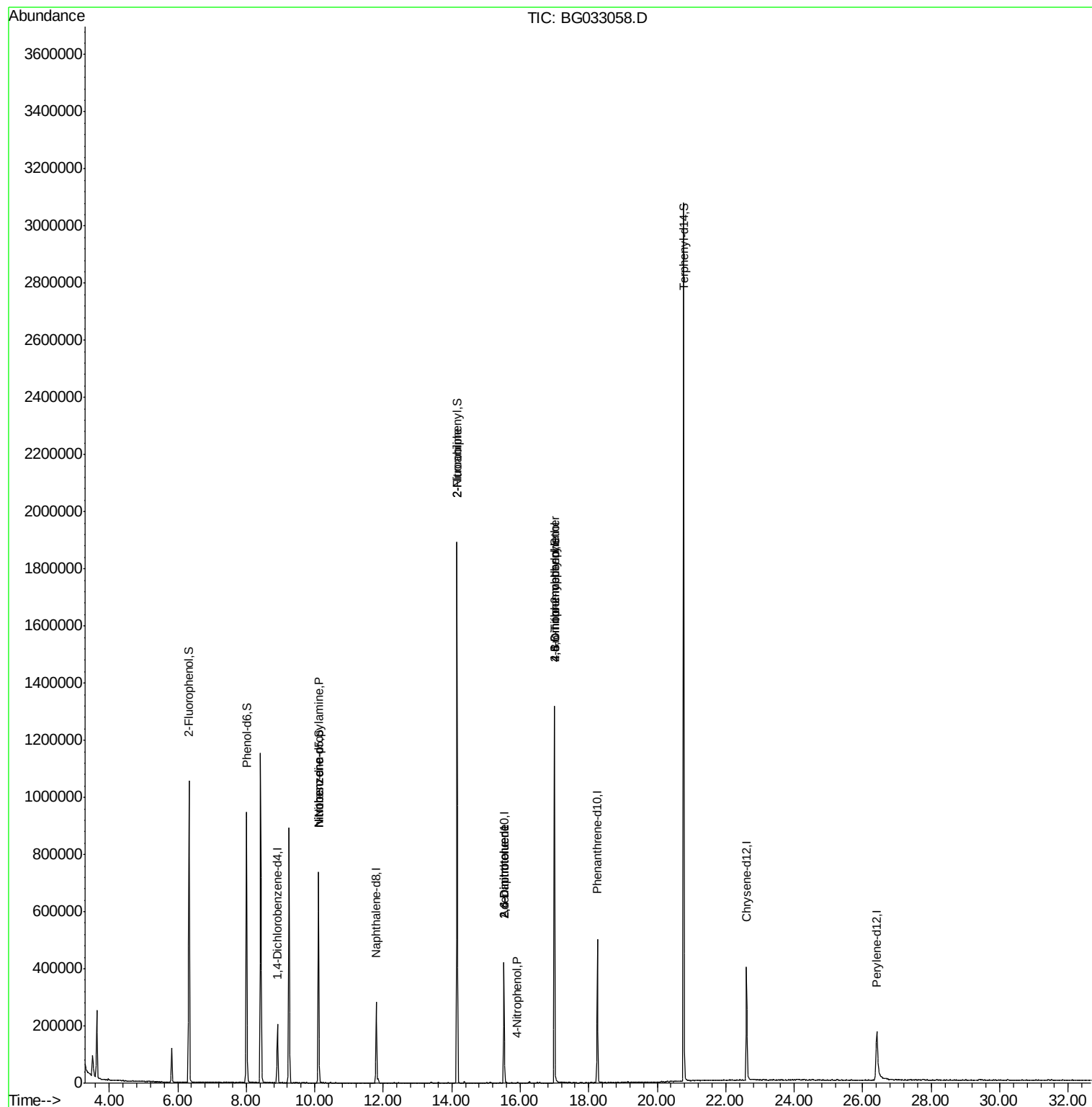
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	58438	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	253711	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	141221	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	315001	20.00	ng	0.00
75) Chrysene-d12	22.61	240	284697	20.00	ng	0.00
86) Perylene-d12	26.41	264	257665	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	490232	134.21	ng	0.00
7) Phenol-d6	8.01	99	580034	113.93	ng	0.00
23) Nitrobenzene-d5	10.11	82	458294	120.65	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	244668	164.77	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	957270	97.76	ng	0.00
78) Terphenyl-d14	20.77	244	1370939	108.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.11	70	60664	16.877	ng	# 83
24) Nitrobenzene	10.11	77	1417	6.684	ng	# 38
47) 2-Nitroaniline	14.16	65	1869	10.475	ng	# 1
50) 2,6-Dinitrotoluene	15.53	165	17953	16.267	ng	# 22
55) 4-Nitrophenol	15.91	139	792	7.448	ng	# 1
56) 2,4-Dinitrotoluene	15.53	165	17953	14.464	ng	# 19
64) 4,6-Dinitro-2-methylphenol	17.00	198	602	5.761	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	16751	5.029	ng	# 1

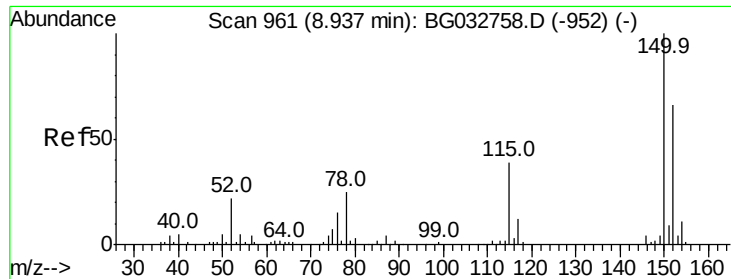
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030818\
Data File : BG033058.D
Acq On : 9 Mar 2018 2:55
Operator : SJ/JU
Sample : J1819-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 09 04:21:56 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



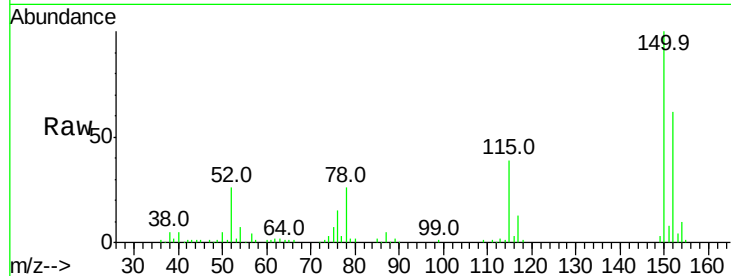


#1

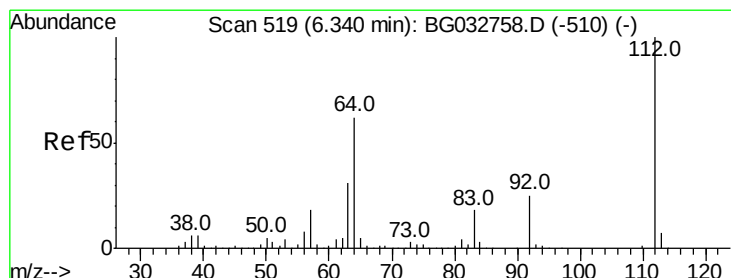
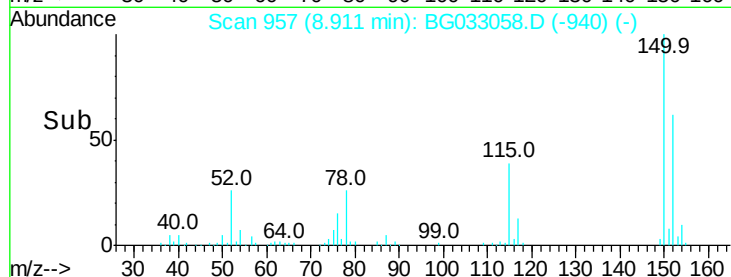
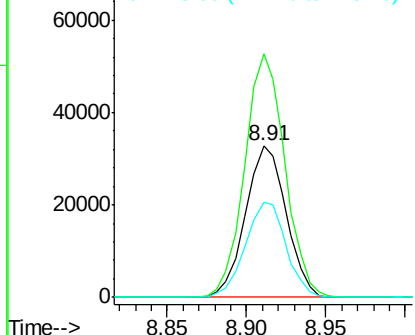
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033058.D
Acq: 9 Mar 2018 2:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58438
Ion Ratio Lower Upper
152 100
150 160.6 126.6 189.8
115 62.4 53.0 79.4



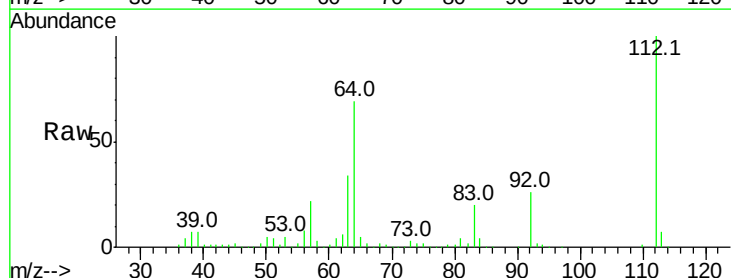
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



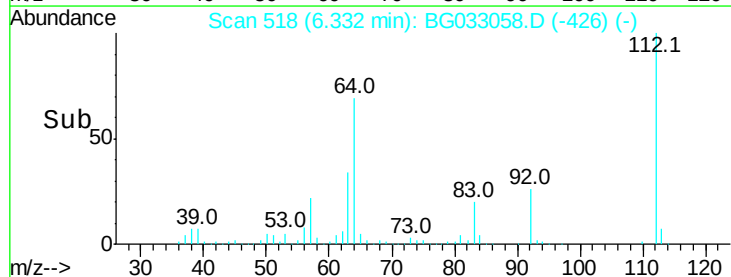
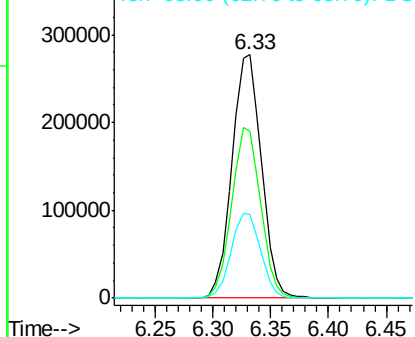
#5

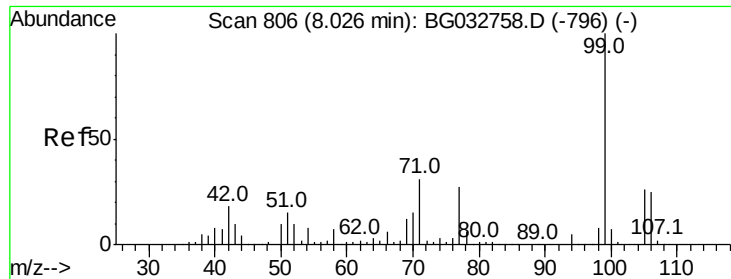
2-Fluorophenol
Concen: 134.211 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.01 min
Lab File: BG033058.D
Acq: 9 Mar 2018 2:55

Tgt Ion:112 Resp: 490232
Ion Ratio Lower Upper
112 100
64 68.5 56.3 84.5
63 34.3 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: 113.925 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033058.D

Acq: 9 Mar 2018 2:55

Instrument :

BNA_G

ClientSampleId :

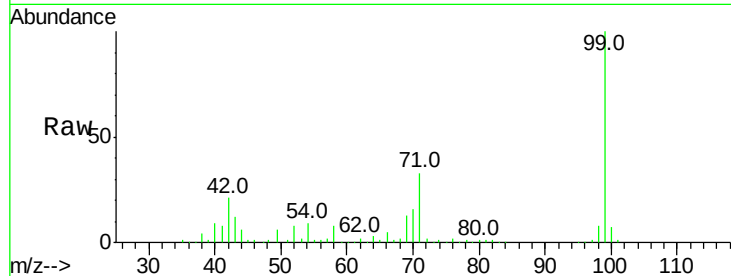
Tot Ion: 99 Resp: 580034

Ion Ratio Lower Upper

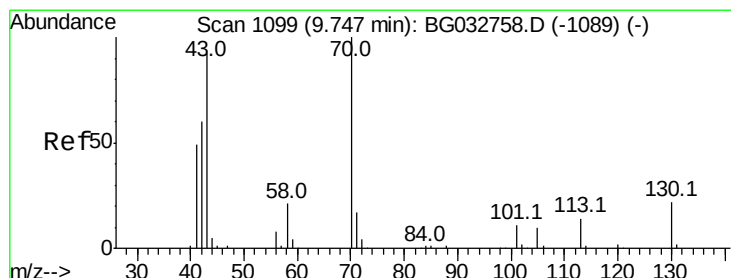
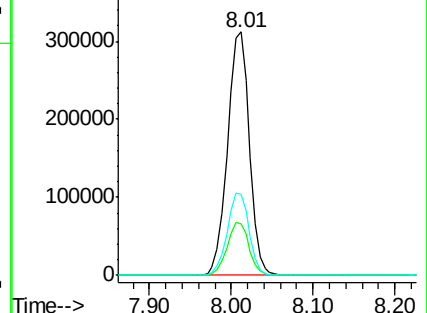
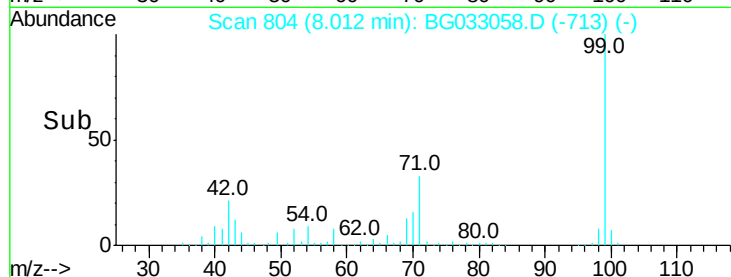
99 100

42 21.1 14.1 21.1#

71 33.3 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: 16.877 ng

RT: 10.11 min Scan# 1161

Delta R.T. 0.39 min

Lab File: BG033058.D

Acq: 9 Mar 2018 2:55

Tgt Ion: 70 Resp: 60664

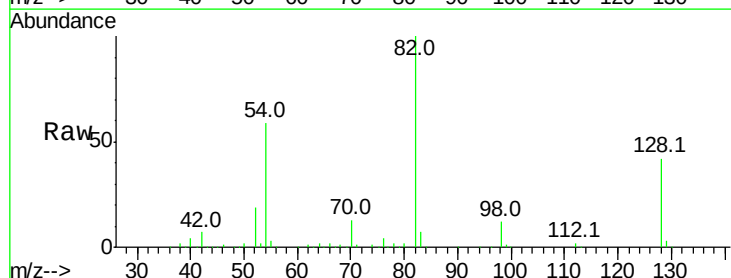
Ion Ratio Lower Upper

70 100

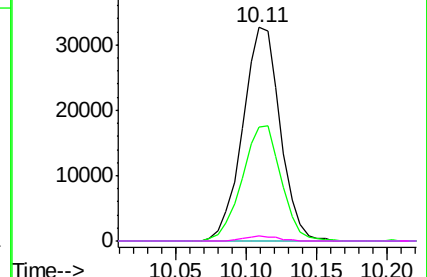
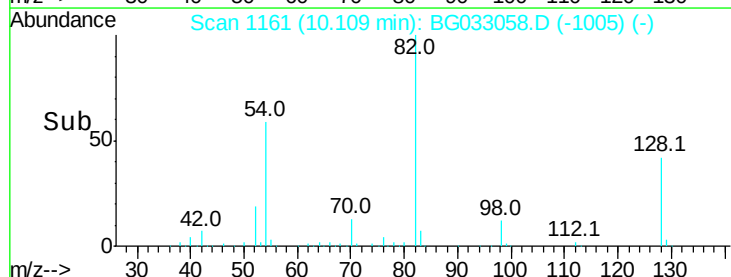
42 53.5 49.1 73.7

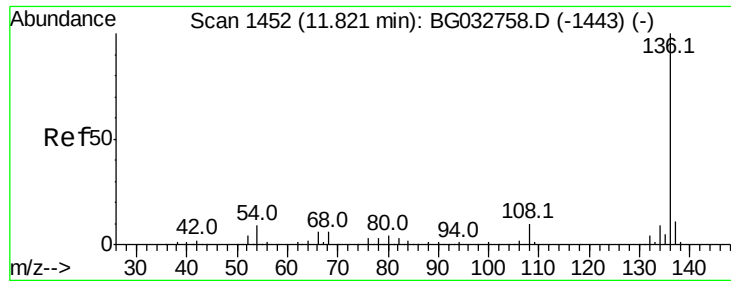
101 0.0 8.5 12.7#

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

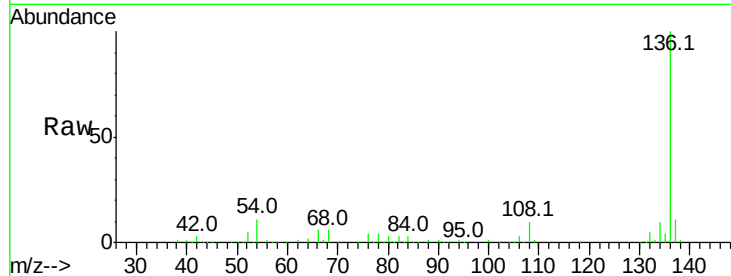




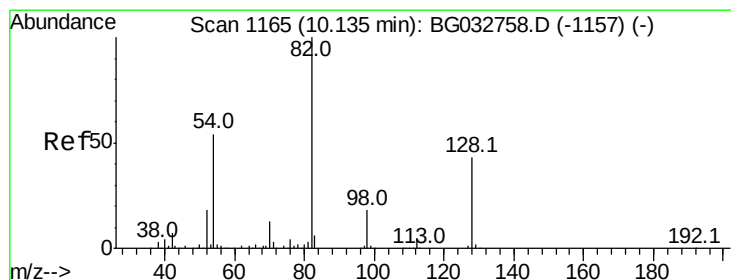
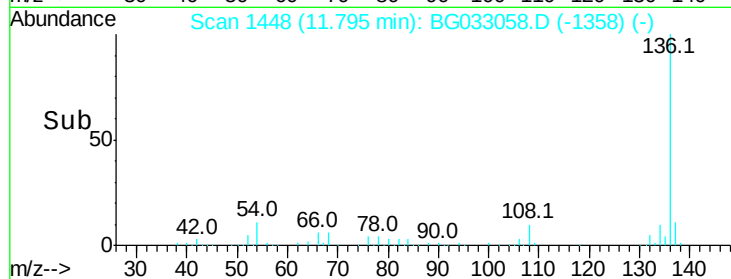
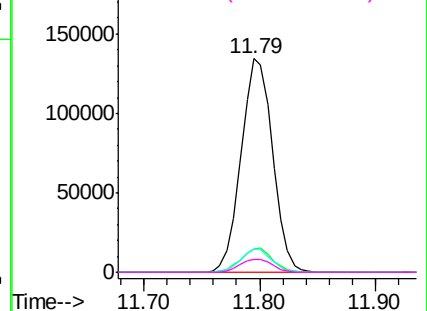
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.79 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BG033058.D
Acq: 9 Mar 2018 2:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	253711
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	10.8	10.3	15.5
68	6.1	4.5	6.7

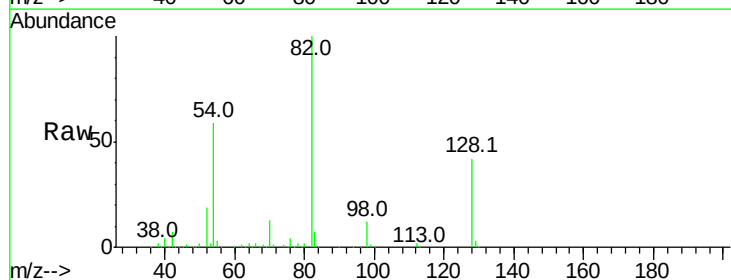


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

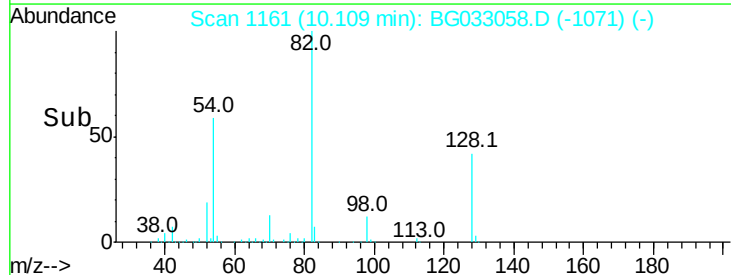
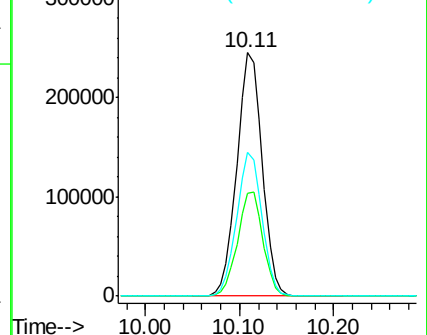


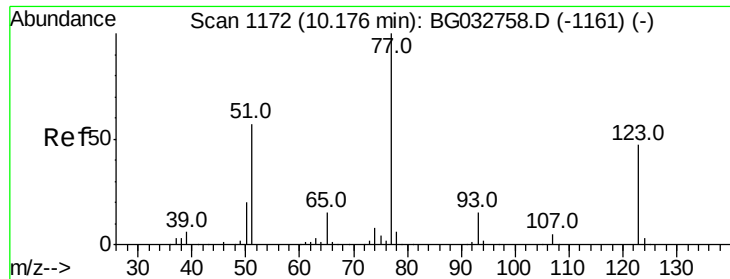
#23
Nitrobenzene-d5
Concen: 120.647 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG033058.D
Acq: 9 Mar 2018 2:55

Tgt Ion:	82	Resp:	458294
Ion	Ratio	Lower	Upper
82	100		
128	42.1	29.7	44.5
54	59.0	43.1	64.7



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

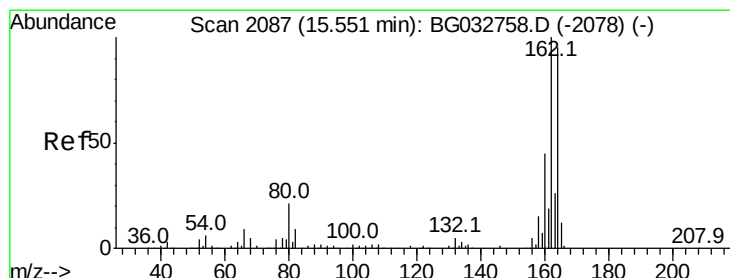
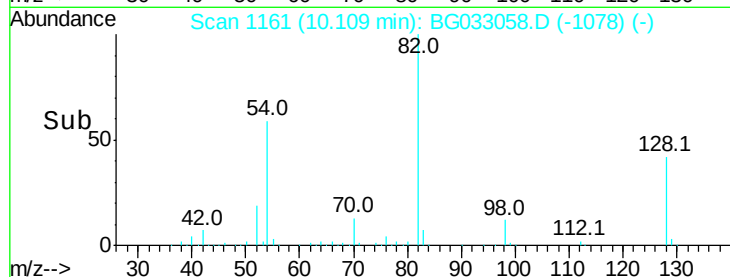
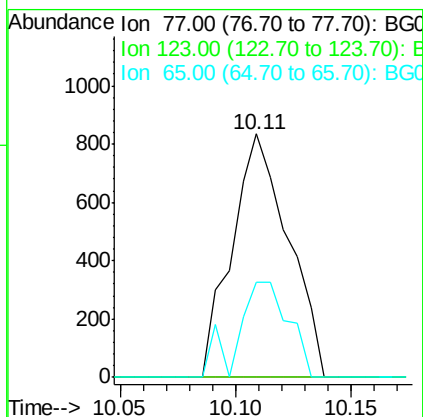
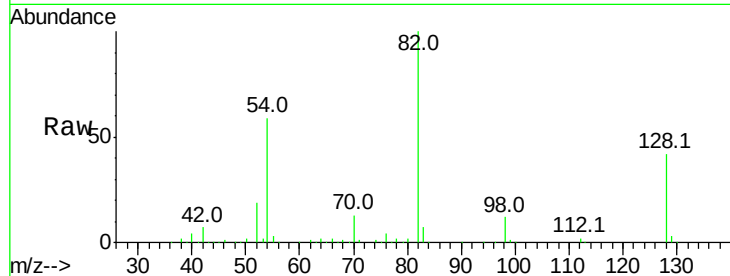




#24
 Nitrobenzene
 Concen: 6.684 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.04 min
 Lab File: BG033058.D
 Acq: 9 Mar 2018 2:55

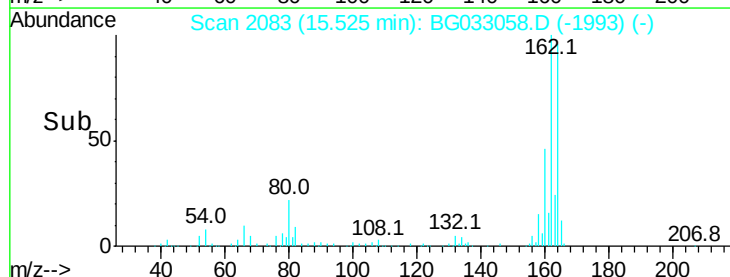
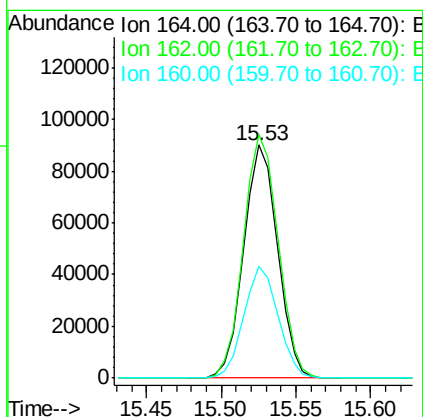
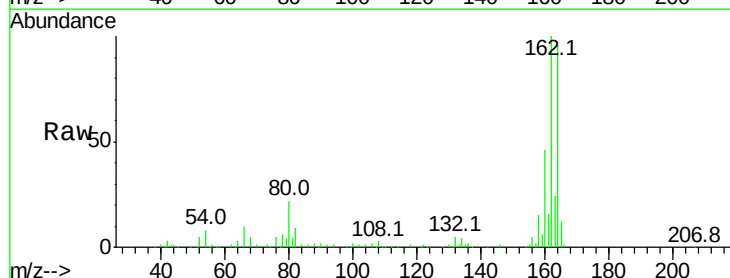
Instrument :
 BNA_G
 ClientSampled :

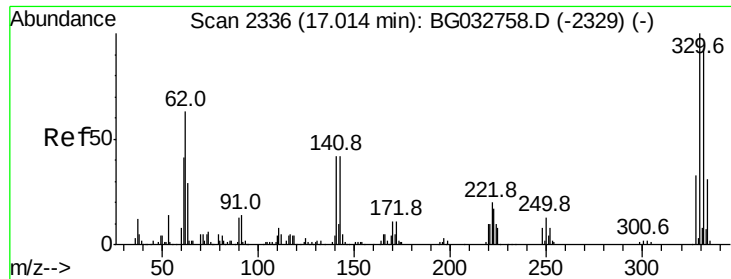
Tot Ion: 77 Resp: 1417
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 39.3 13.0 19.6#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BG033058.D
 Acq: 9 Mar 2018 2:55

Tgt Ion:164 Resp: 141221
 Ion Ratio Lower Upper
 164 100
 162 104.4 78.8 118.2
 160 47.8 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 164.772 ng

RT: 17.00 min Scan# 2334

Delta R.T. 0.00 min

Lab File: BG033058.D

Acq: 9 Mar 2018 2:55

Instrument :

BNA_G

ClientSampleId :

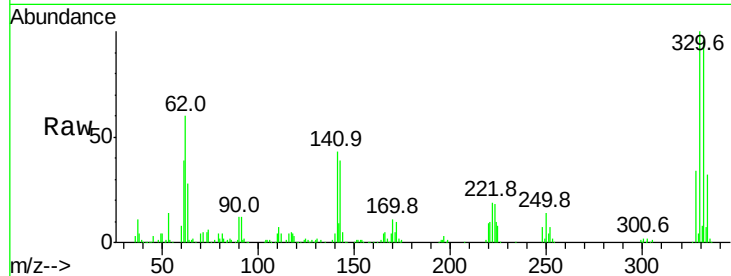
Tot Ion:330 Resp: 244668

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

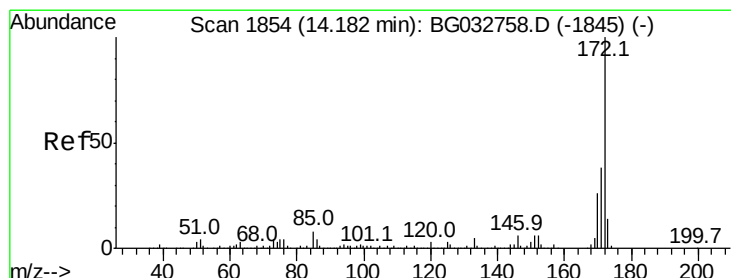
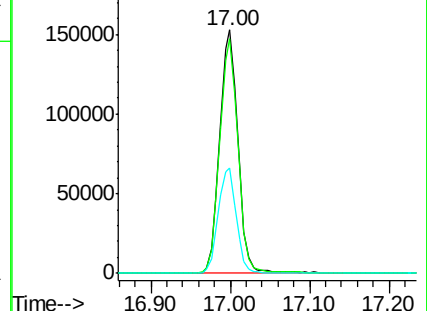
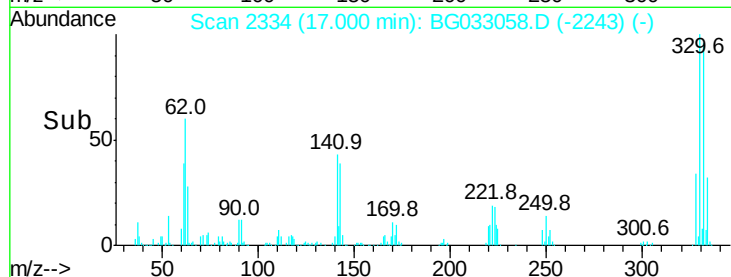
141 42.7 25.2 37.8#



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: 97.763 ng

RT: 14.16 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BG033058.D

Acq: 9 Mar 2018 2:55

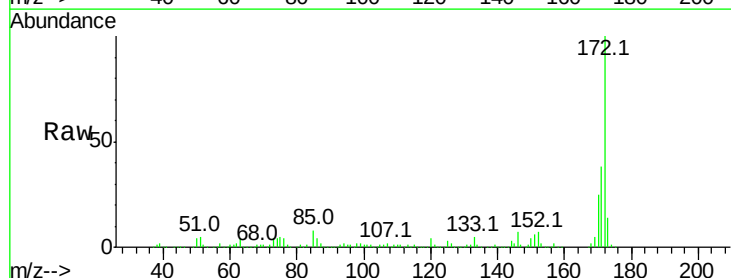
Tgt Ion:172 Resp: 957270

Ion Ratio Lower Upper

172 100

171 38.4 30.0 45.0

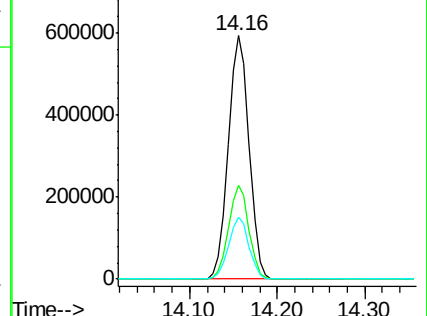
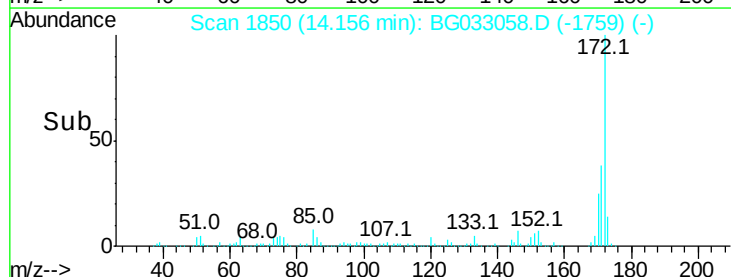
170 25.2 19.5 29.3

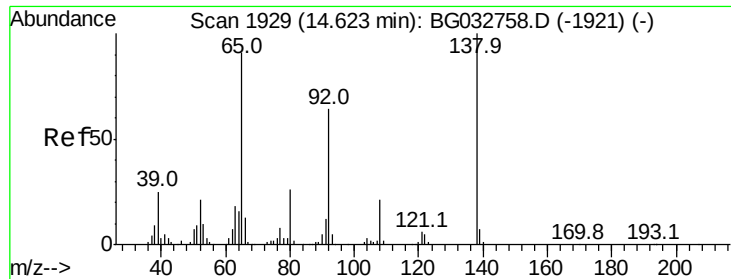


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#47

2-Nitroaniline

Concen: 10.475 ng

RT: 14.16 min Scan# 1850

Delta R.T. -0.45 min

Lab File: BG033058.D

Acq: 9 Mar 2018 2:55

Instrument :

BNA_G

ClientSampleId :

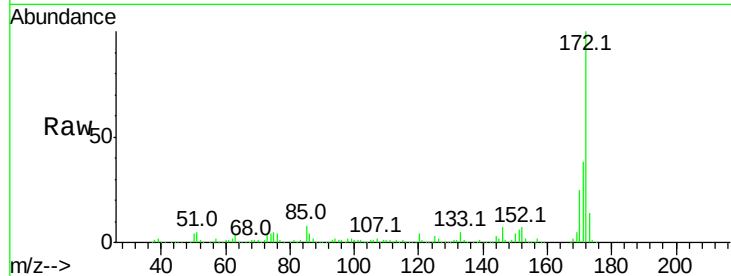
Tot Ion: 65 Resp: 1869

Ion Ratio Lower Upper

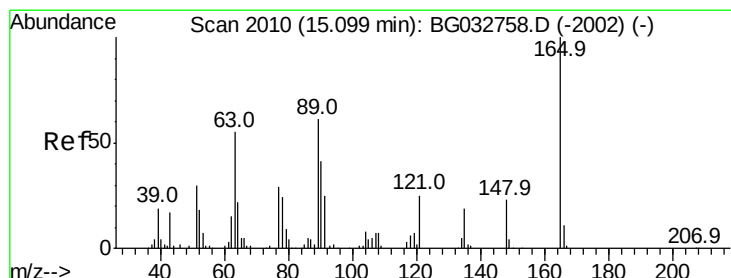
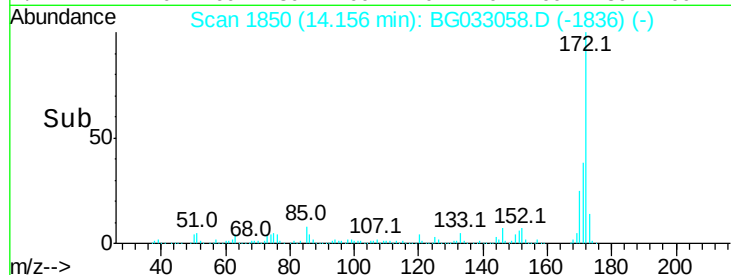
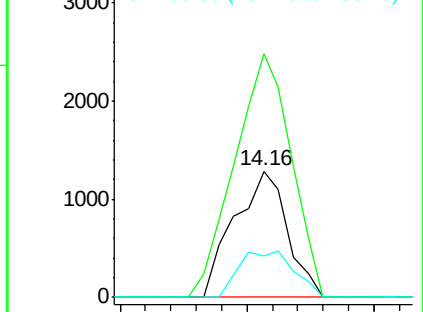
65 100

92 193.3 54.6 82.0#

138 32.7 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: 16.267 ng

RT: 15.53 min Scan# 2083

Delta R.T. 0.45 min

Lab File: BG033058.D

Acq: 9 Mar 2018 2:55

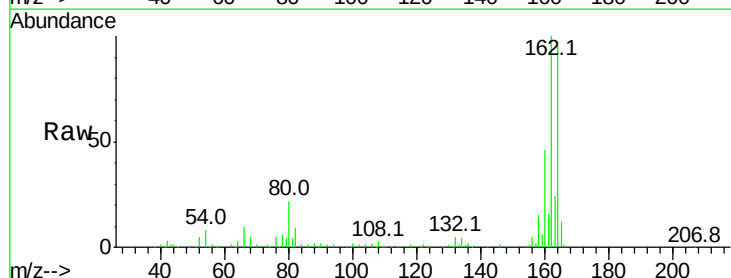
Tgt Ion:165 Resp: 17953

Ion Ratio Lower Upper

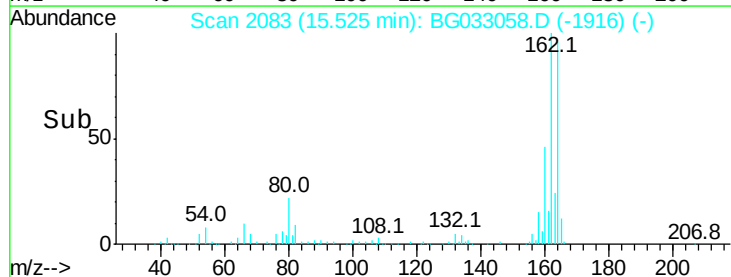
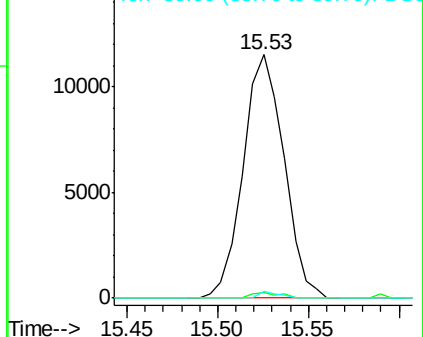
165 100

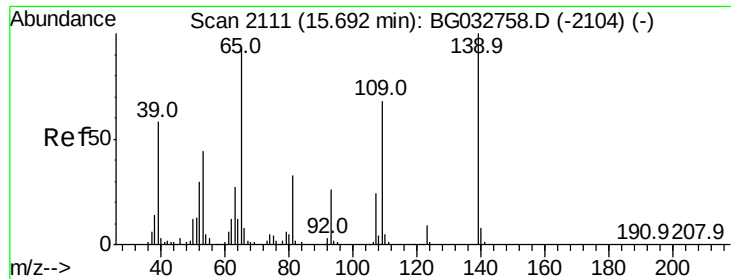
63 2.3 52.7 79.1#

89 2.8 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: 7.448 ng

RT: 15.91 min Scan# 2149

Delta R.T. 0.24 min

Lab File: BG033058.D

Acq: 9 Mar 2018 2:55

Instrument :

BNA_G

ClientSampleId :

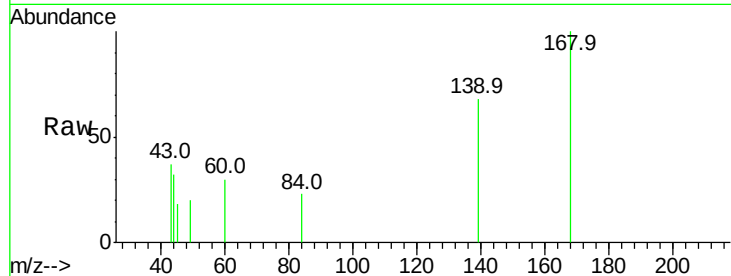
Tot Ion:139 Resp: 792

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

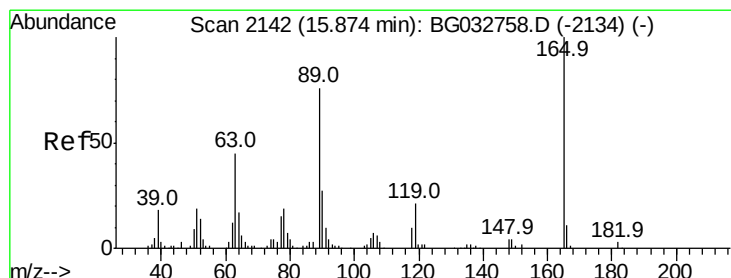
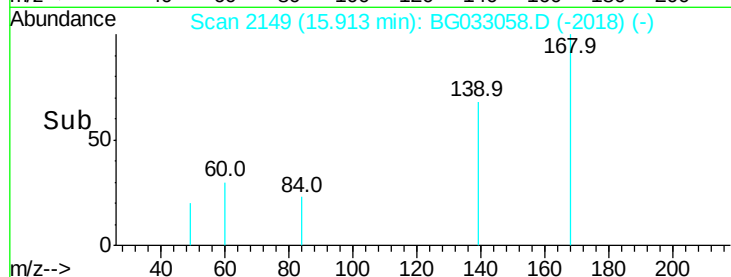
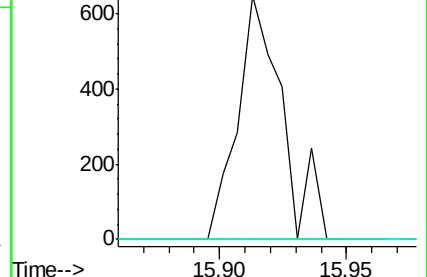
65 0.0 97.2 137.2#



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: 14.464 ng

RT: 15.53 min Scan# 2083

Delta R.T. -0.33 min

Lab File: BG033058.D

Acq: 9 Mar 2018 2:55

Tgt Ion:165 Resp: 17953

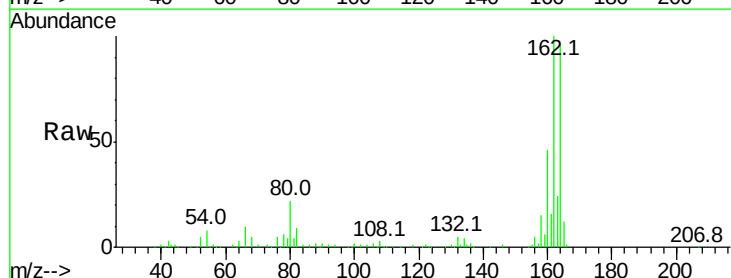
Ion Ratio Lower Upper

165 100

63 2.3 42.0 63.0#

89 2.8 66.9 100.3#

182 0.0 2.6 3.8#

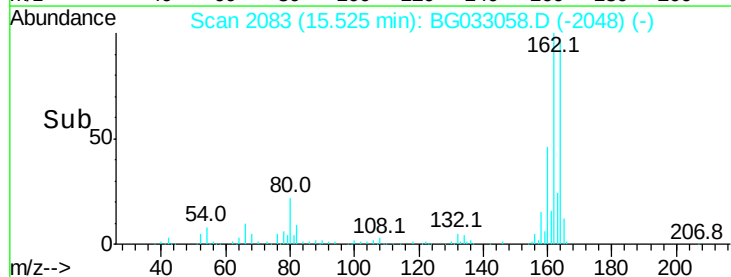
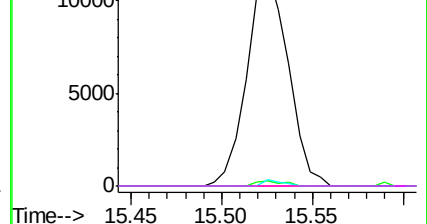


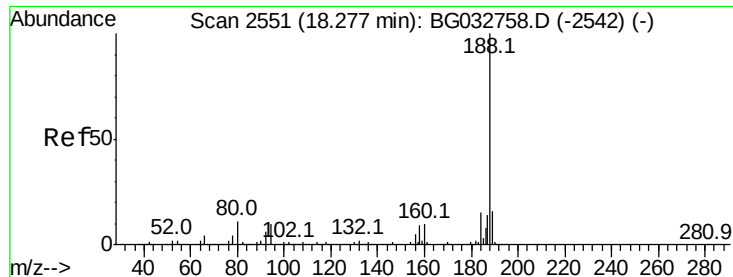
Abundance Ion 165.00 (164.70 to 165.70): E

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

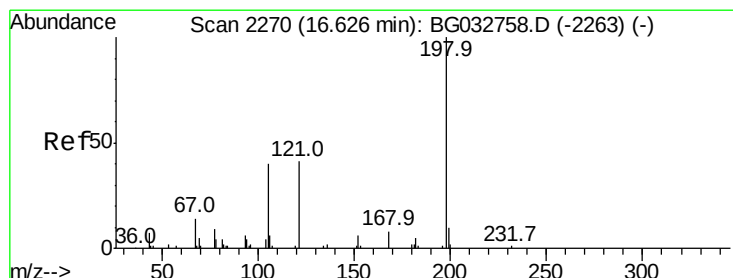
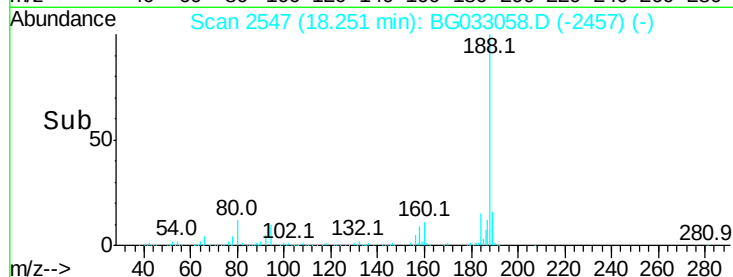
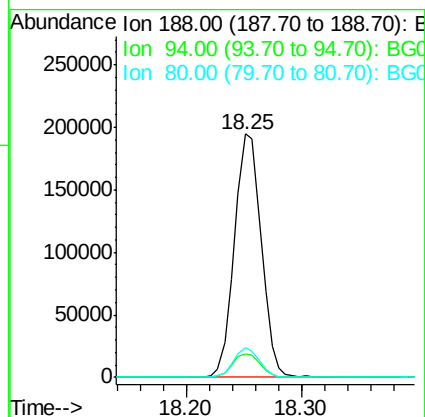
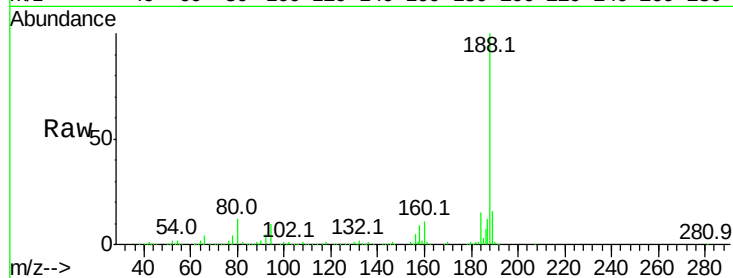




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.25 min Scan# 2547
 Delta R.T. -0.00 min
 Lab File: BG033058.D
 Acq: 9 Mar 2018 2:55

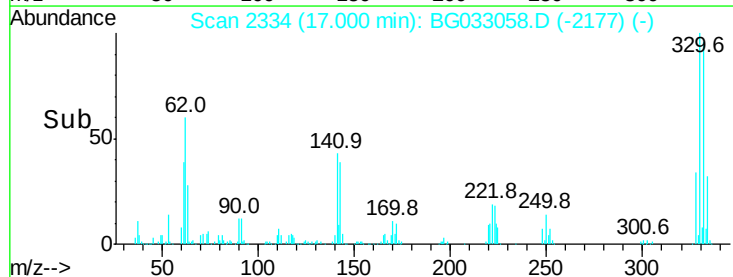
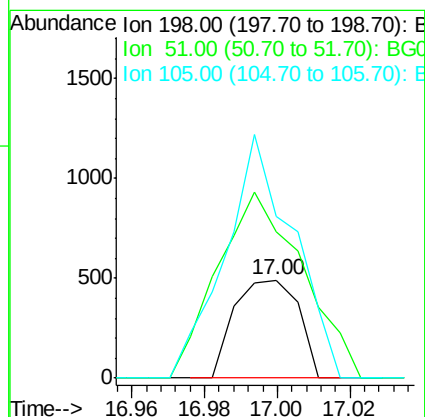
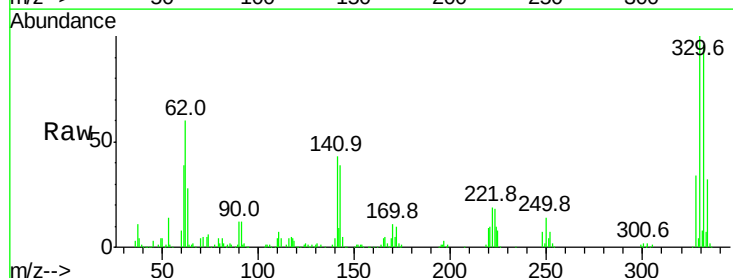
Instrument :
 BNA_G
 ClientSampleId :

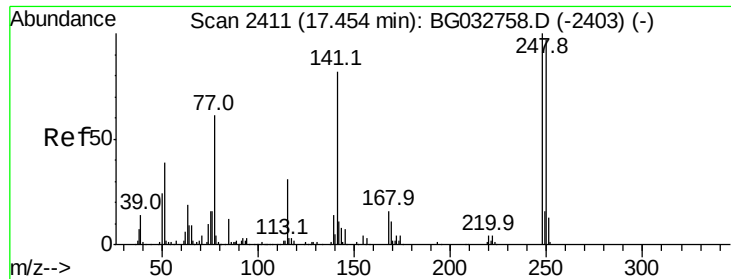
Tot Ion:188 Resp: 315001
 Ion Ratio Lower Upper
 188 100
 94 9.9 6.9 10.3
 80 12.4 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.761 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. 0.39 min
 Lab File: BG033058.D
 Acq: 9 Mar 2018 2:55

Tgt Ion:198 Resp: 602
 Ion Ratio Lower Upper
 198 100
 51 150.0 30.6 70.6#
 105 164.9 23.8 63.8#

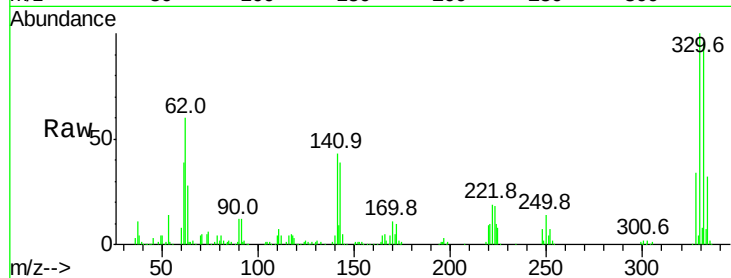




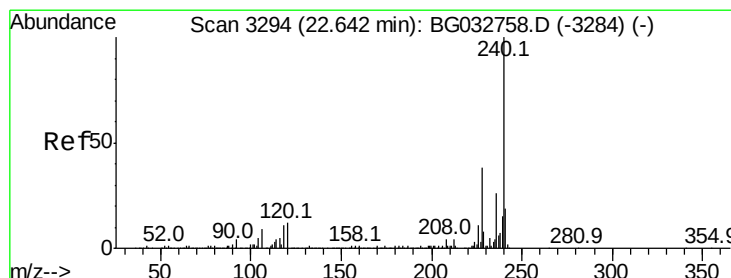
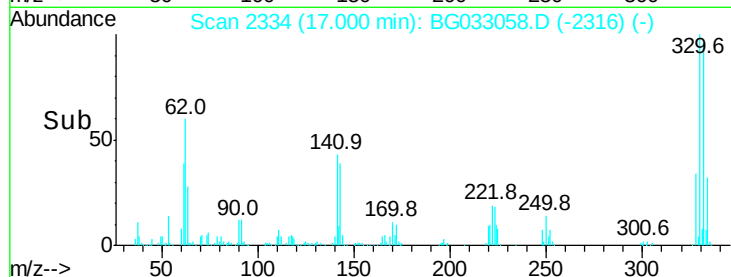
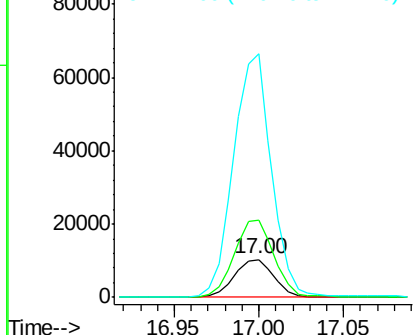
#66
4-Bromophenyl-phenylether
Concen: 5.029 ng
RT: 17.00 min Scan# 2334
Delta R.T. -0.43 min
Lab File: BG033058.D
Acq: 9 Mar 2018 2:55

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 16751
Ion Ratio Lower Upper
248 100
250 203.9 77.1 115.7#
141 637.7 50.8 76.2#

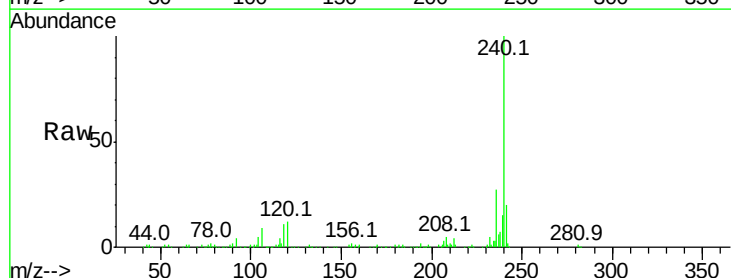


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

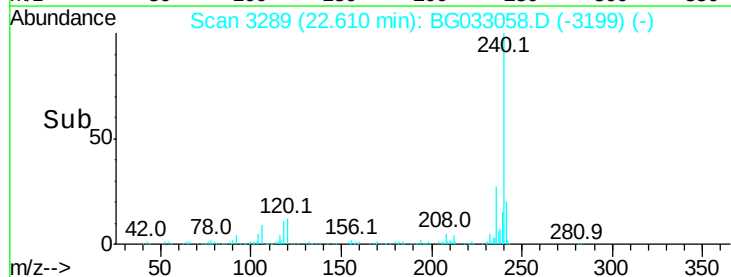
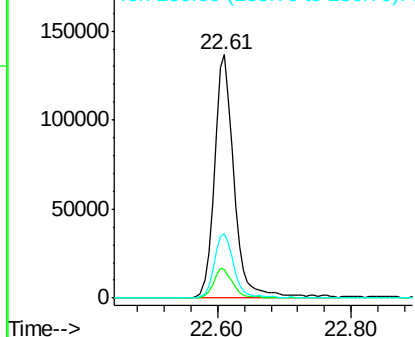


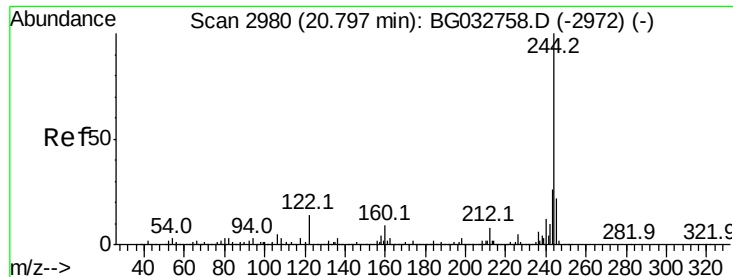
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3289
Delta R.T. -0.00 min
Lab File: BG033058.D
Acq: 9 Mar 2018 2:55

Tgt Ion:240 Resp: 284697
Ion Ratio Lower Upper
240 100
120 11.9 6.8 10.2#
236 26.6 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





#78

Terphenyl-d14

Concen: 108.190 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033058.D

Acq: 9 Mar 2018 2:55

Instrument :

BNA_G

ClientSampleId :

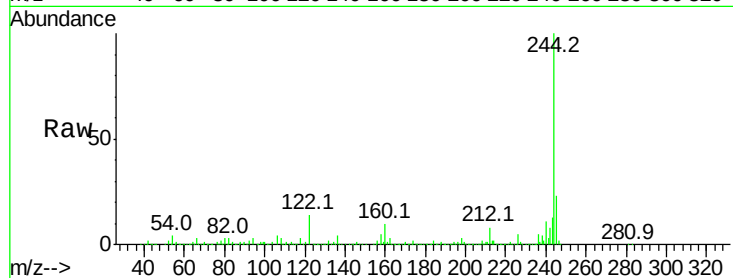
Tot Ion:244 Resp: 1370939

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

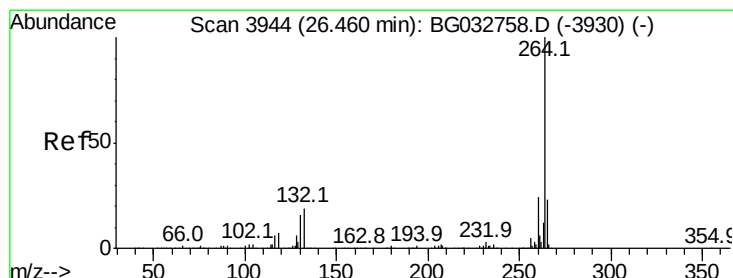
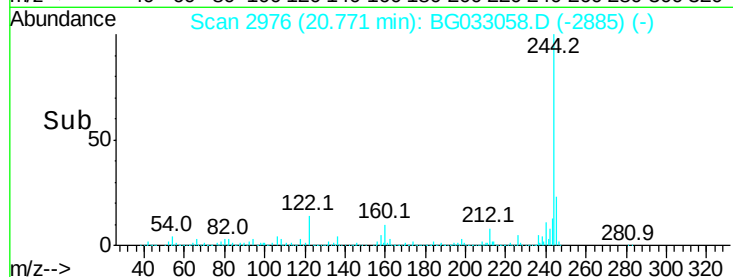
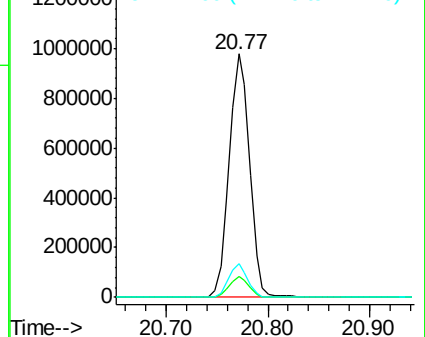
122 13.6 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.41 min Scan# 3936

Delta R.T. 0.00 min

Lab File: BG033058.D

Acq: 9 Mar 2018 2:55

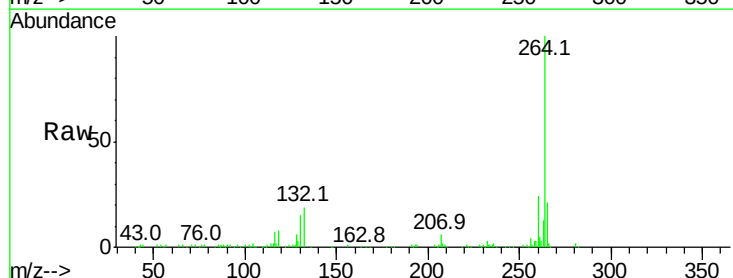
Tgt Ion:264 Resp: 257665

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 21.5 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

