

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030818\
 Data File : BG033059.D
 Acq On : 9 Mar 2018 3:32
 Operator : SJ/JU
 Sample : J1820-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 09 04:22:08 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	53795	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	229458	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	127578	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	285861	20.00	ng	0.00
75) Chrysene-d12	22.61	240	277533	20.00	ng	0.00
86) Perylene-d12	26.41	264	247272	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.33	112	463261	137.77	ng	0.00
7) Phenol-d6	8.01	99	546942	116.70	ng	0.00
23) Nitrobenzene-d5	10.11	82	422854	122.88	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	213395	159.08	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	868568	98.19	ng	0.00
78) Terphenyl-d14	20.77	244	1317609	106.67	ng	0.00

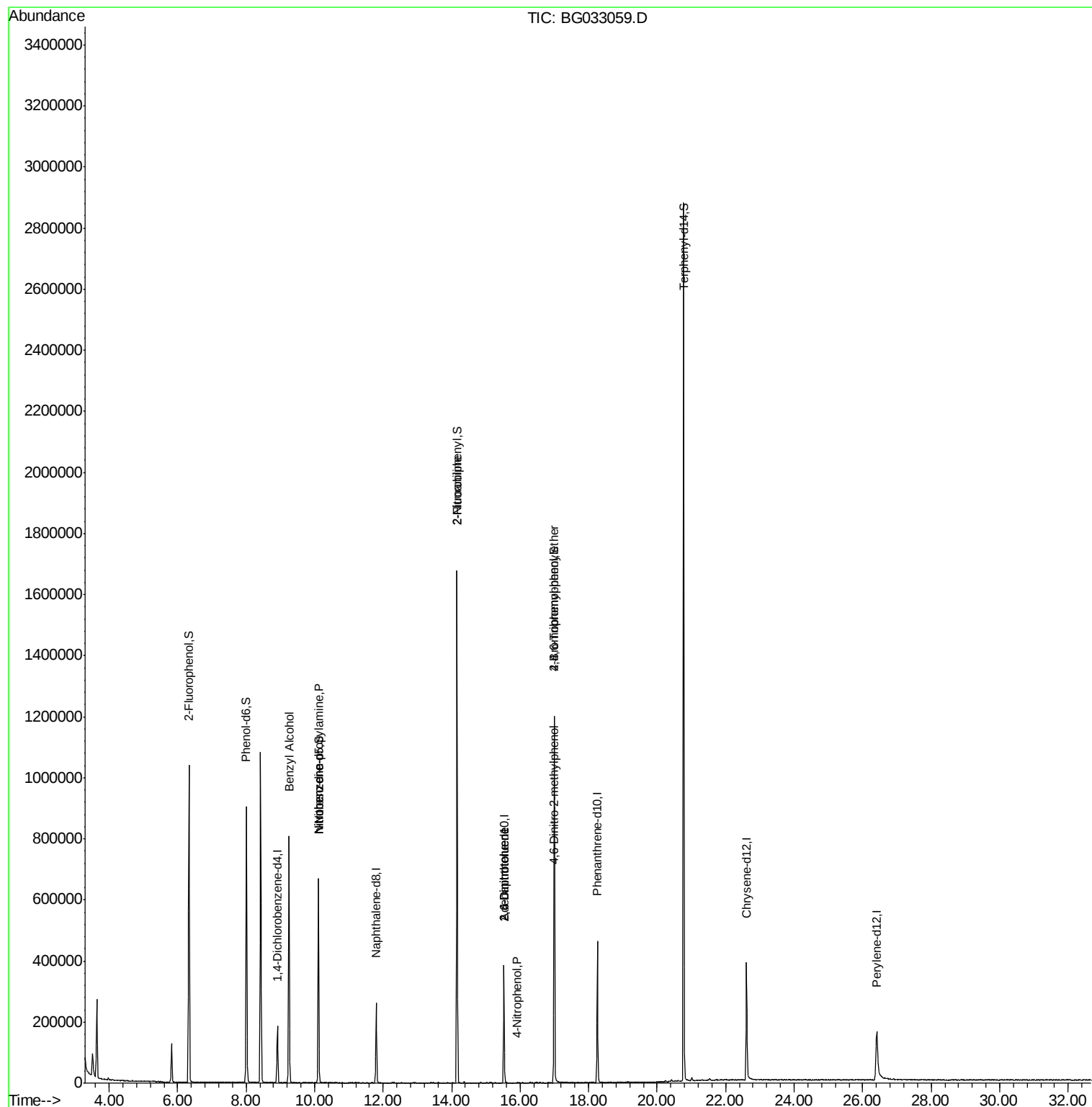
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	9.25	79	6904	2.004	ng	# 33
19) n-Nitroso-di-n-propylamine	10.11	70	55008	16.625	ng	# 84
24) Nitrobenzene	10.11	77	1203	6.665	ng	# 39
47) 2-Nitroaniline	14.16	65	1483	10.397	ng	# 1
50) 2,6-Dinitrotoluene	15.53	165	16404	16.351	ng	# 20
55) 4-Nitrophenol	15.91	139	204	7.185	ng	# 1
56) 2,4-Dinitrotoluene	15.53	165	16404	14.549	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.98	198	812	6.152	ng	# 92
66) 4-Bromophenyl-phenylether	16.99	248	15906	5.262	ng	# 1

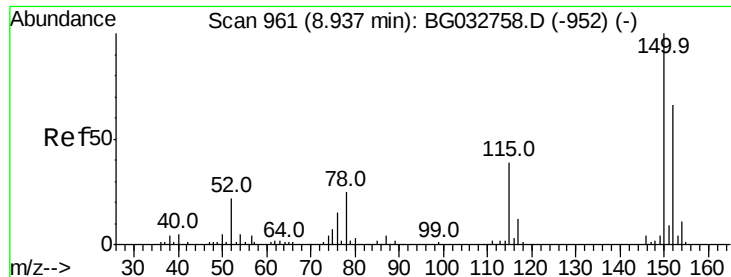
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030818\
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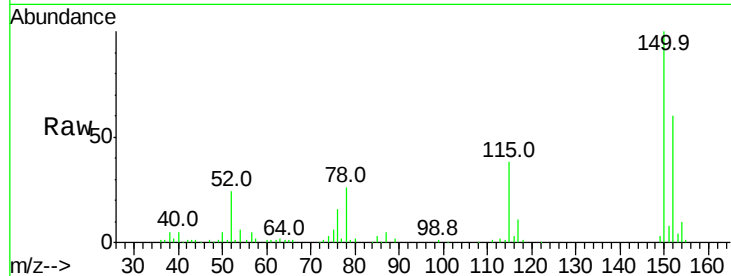


#1

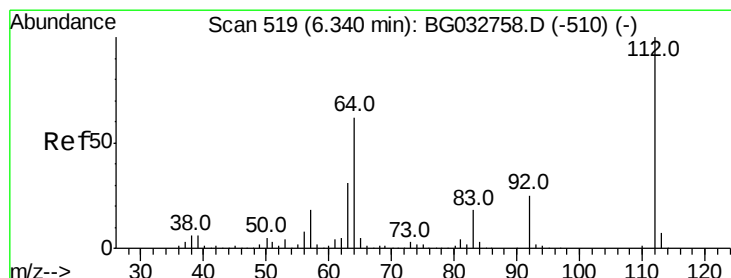
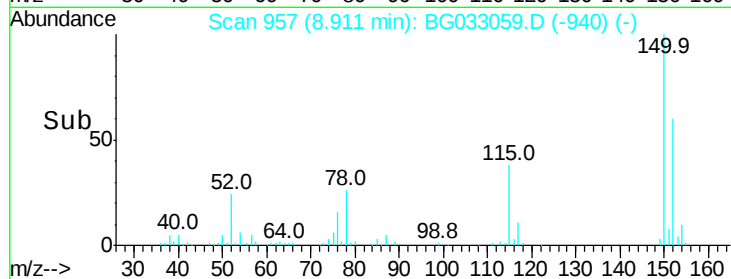
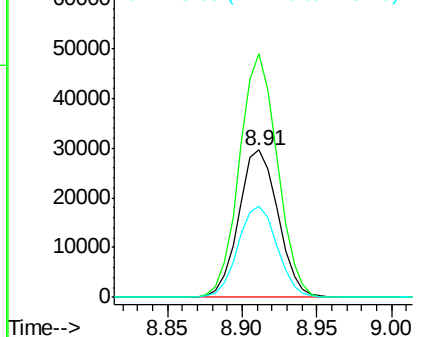
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033059.D
Acq: 9 Mar 2018 3:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53795
Ion Ratio Lower Upper
152 100
150 165.5 126.6 189.8
115 62.4 53.0 79.4



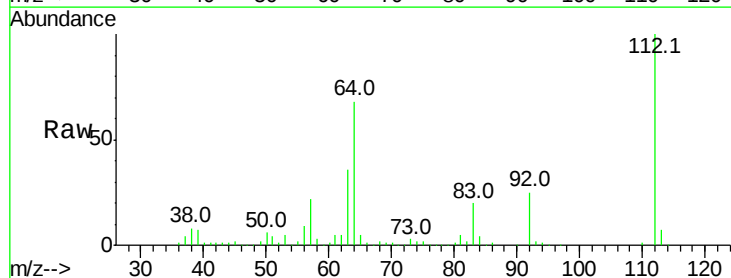
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



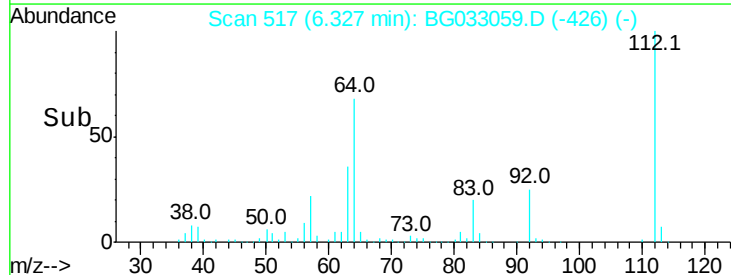
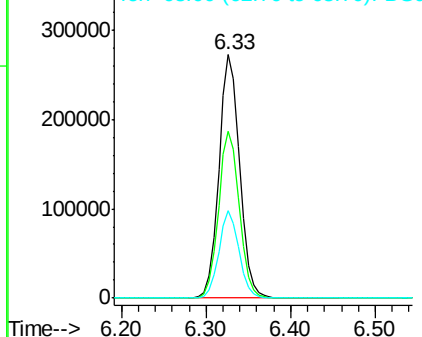
#5

2-Fluorophenol
Concen: 137.773 ng
RT: 6.33 min Scan# 517
Delta R.T. 0.00 min
Lab File: BG033059.D
Acq: 9 Mar 2018 3:32

Tgt Ion:112 Resp: 463261
Ion Ratio Lower Upper
112 100
64 68.4 56.3 84.5
63 36.1 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: 116.697 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033059.D

Acq: 9 Mar 2018 3:32

Instrument :

BNA_G

ClientSampleId :

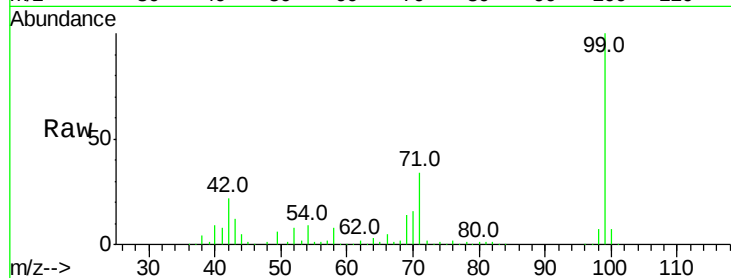
Tot Ion: 99 Resp: 546942

Ion Ratio Lower Upper

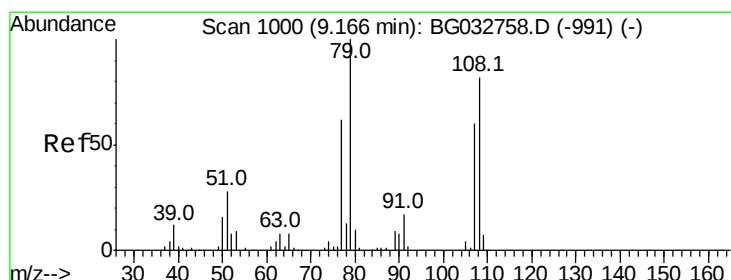
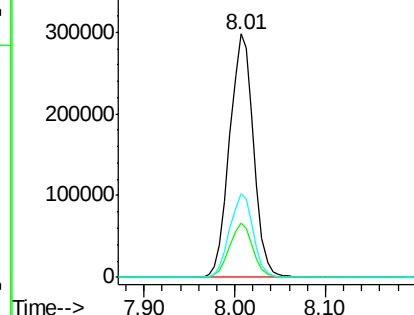
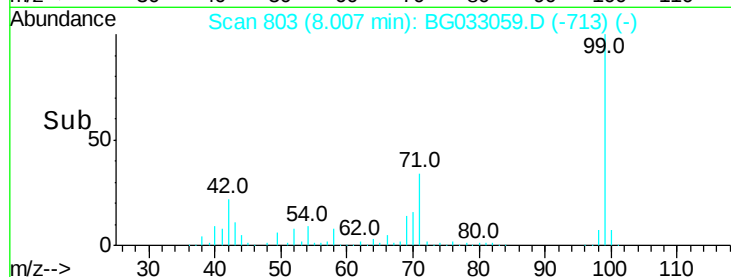
99 100

42 22.2 14.1 21.1#

71 34.2 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



#15

Benzyl Alcohol

Concen: 2.004 ng

RT: 9.25 min Scan# 1015

Delta R.T. 0.11 min

Lab File: BG033059.D

Acq: 9 Mar 2018 3:32

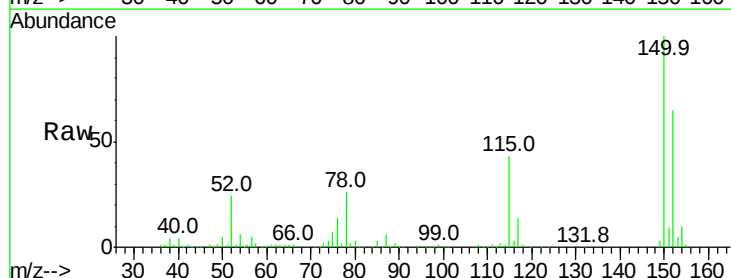
Tgt Ion: 79 Resp: 6904

Ion Ratio Lower Upper

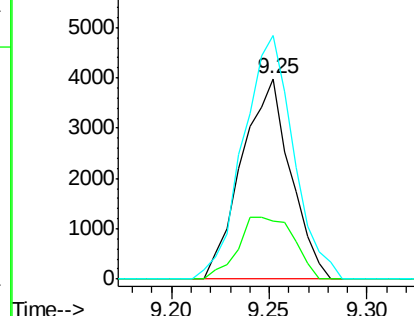
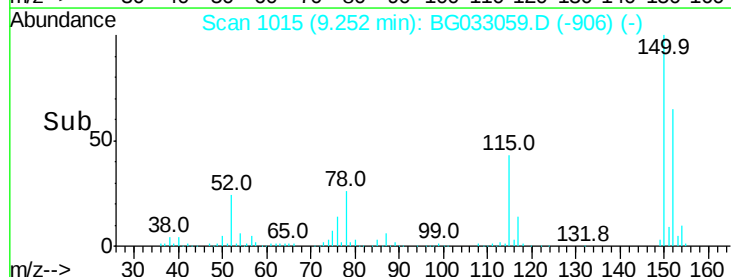
79 100

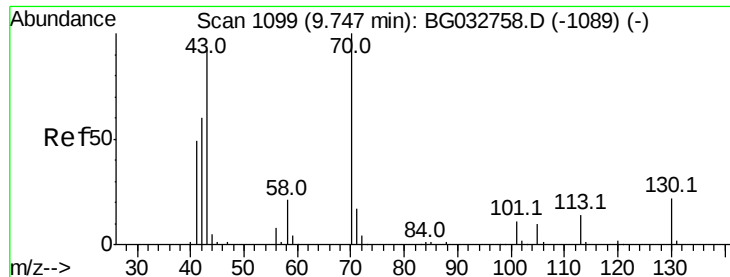
108 28.9 57.2 85.8#

77 121.5 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

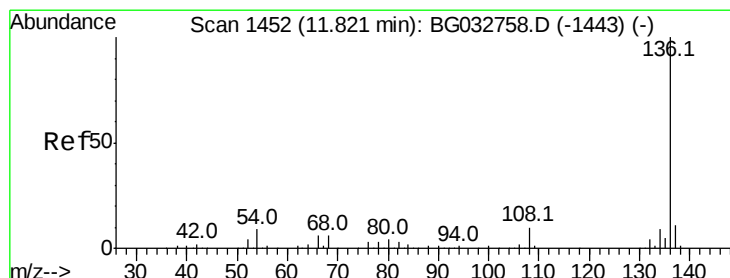
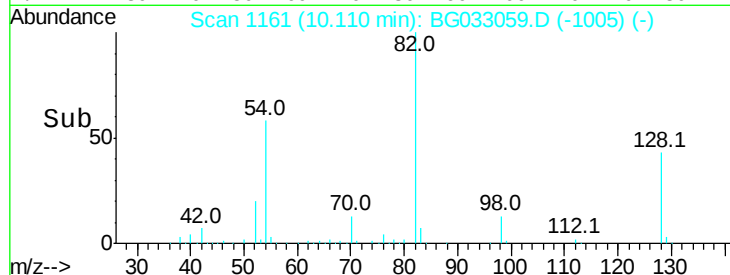
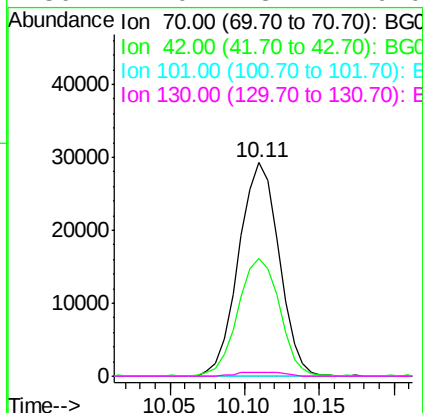
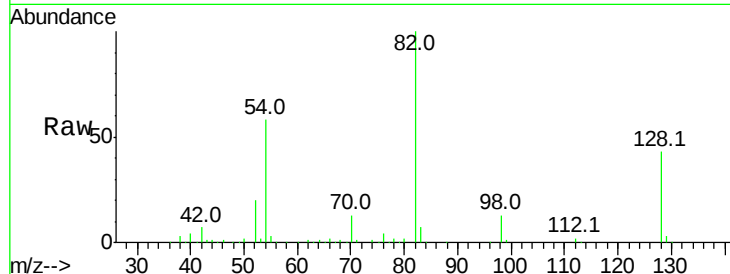




#19
n-Nitroso-di-n-propylamine
Concen: 16.625 ng
RT: 10.11 min Scan# 1161
Delta R.T. 0.39 min
Lab File: BG033059.D
Acq: 9 Mar 2018 3:32

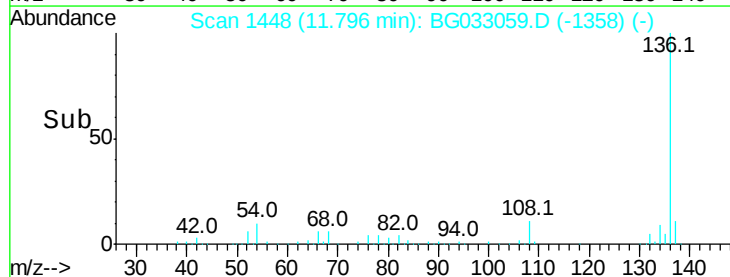
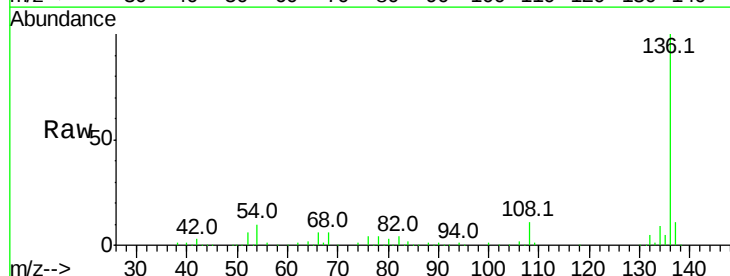
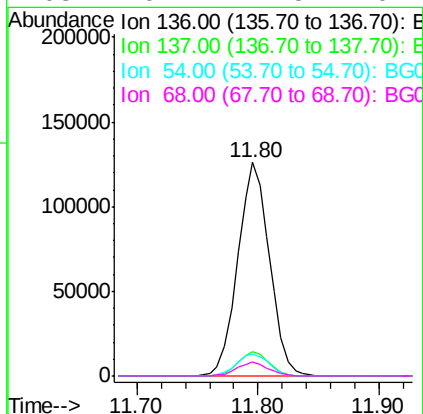
Instrument :
BNA_G
ClientSampleId :

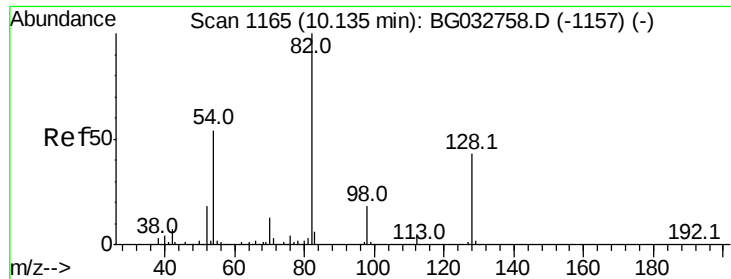
Tot Ion: 70 Resp: 55008
Ion Ratio Lower Upper
70 100
42 55.0 49.1 73.7
101 0.0 8.5 12.7#
130 2.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BG033059.D
Acq: 9 Mar 2018 3:32

Tgt Ion: 136 Resp: 229458
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 10.2 10.3 15.5#
68 6.4 4.5 6.7

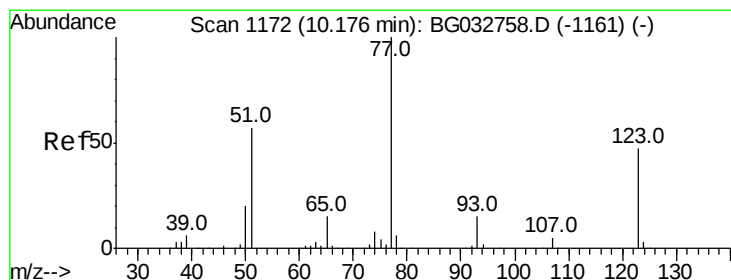
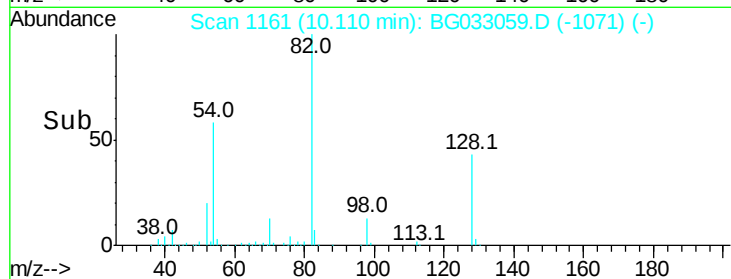
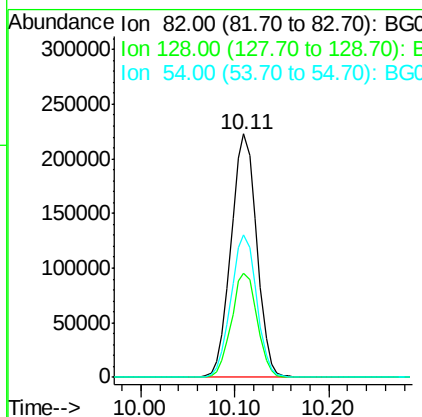
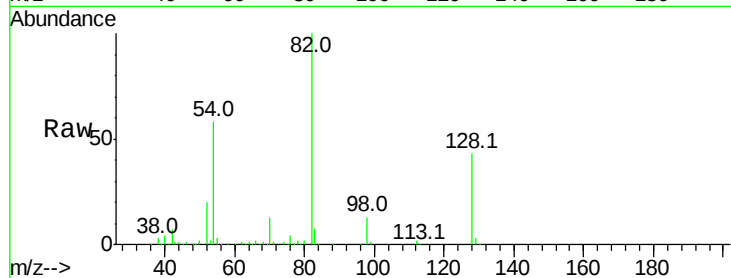




#23
 Nitrobenzene-d5
 Concen: 122.883 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BG033059.D
 Acq: 9 Mar 2018 3:32

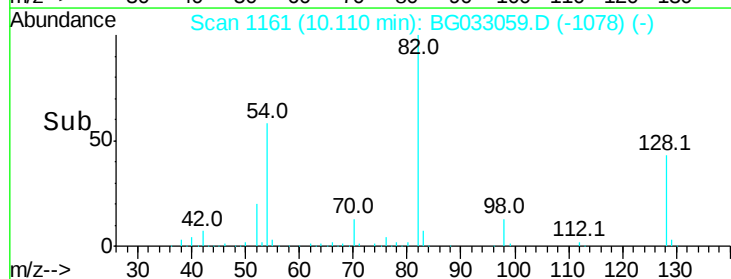
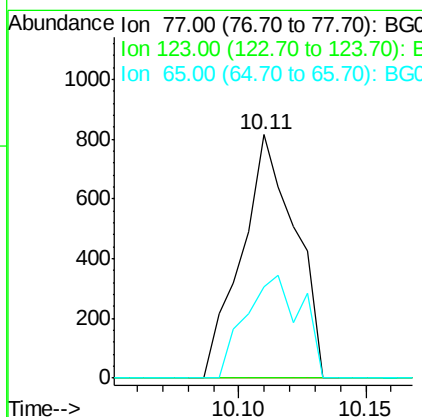
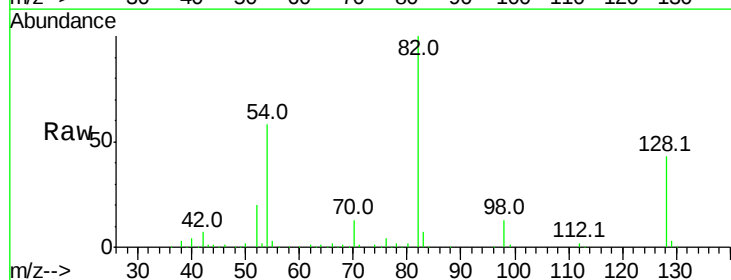
Instrument :
 BNA_G
 ClientSampled :

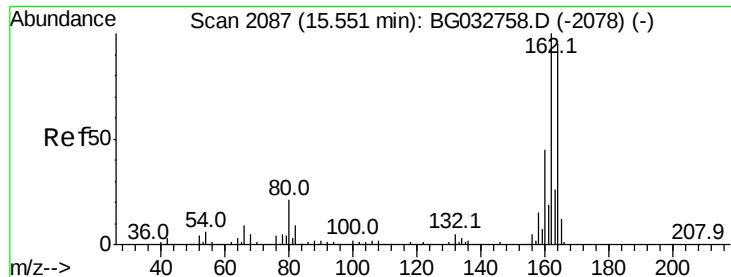
Tot Ion: 82 Resp: 422854
 Ion Ratio Lower Upper
 82 100
 128 42.9 29.7 44.5
 54 58.5 43.1 64.7



#24
 Nitrobenzene
 Concen: 6.665 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.04 min
 Lab File: BG033059.D
 Acq: 9 Mar 2018 3:32

Tgt Ion: 77 Resp: 1203
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 37.7 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: BG033059.D

Acq: 9 Mar 2018 3:32

Instrument :

BNA_G

ClientSampleId :

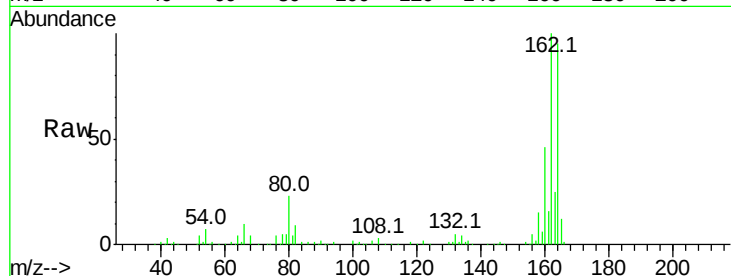
Tot Ion:164 Resp: 127578

Ion Ratio Lower Upper

164 100

162 105.2 78.8 118.2

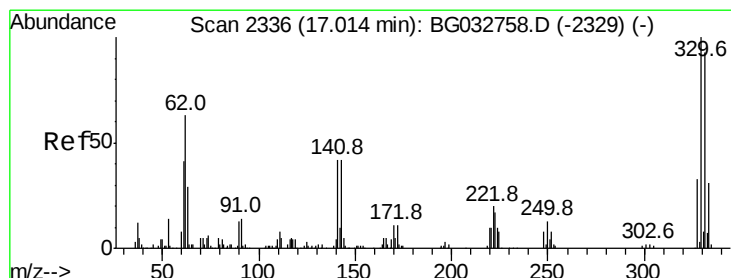
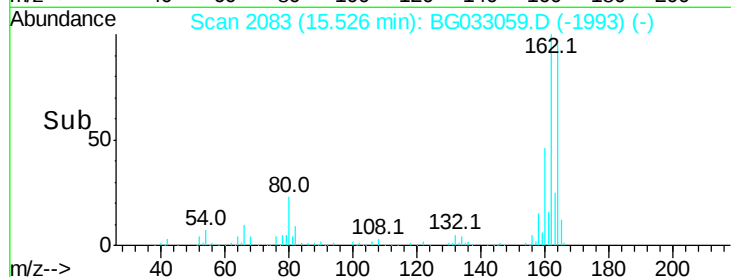
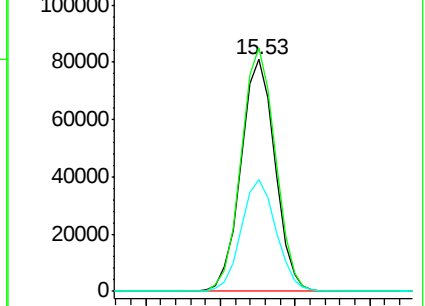
160 48.5 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 159.079 ng

RT: 16.99 min Scan# 2333

Delta R.T. -0.00 min

Lab File: BG033059.D

Acq: 9 Mar 2018 3:32

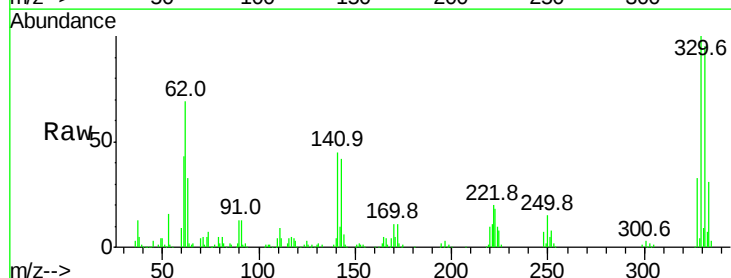
Tgt Ion:330 Resp: 213395

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

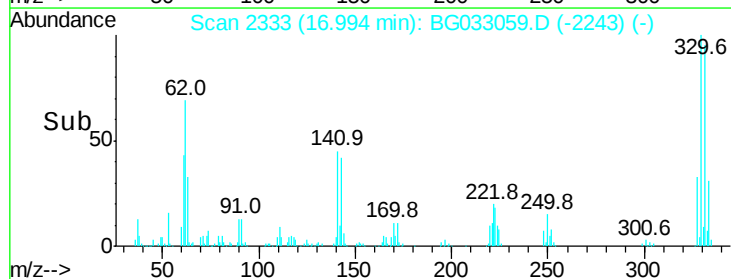
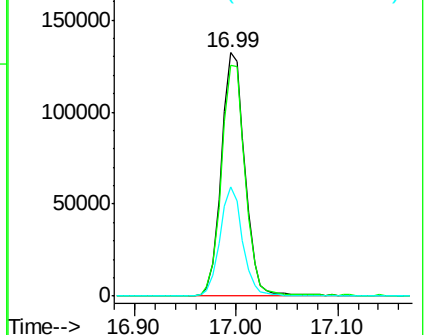
141 42.9 25.2 37.8#

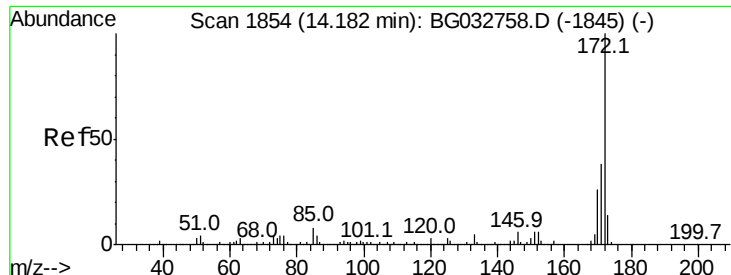


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

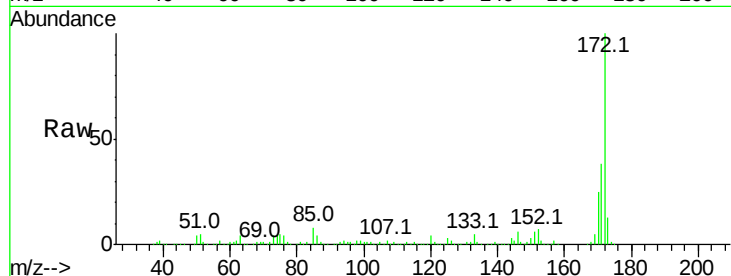




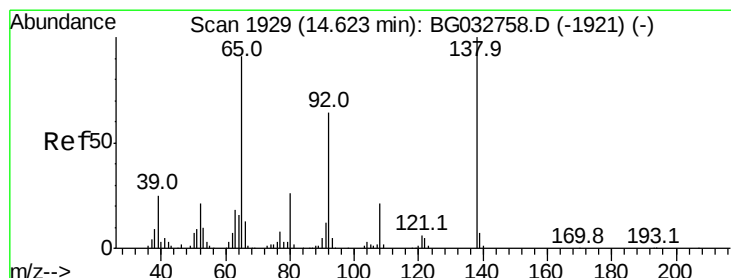
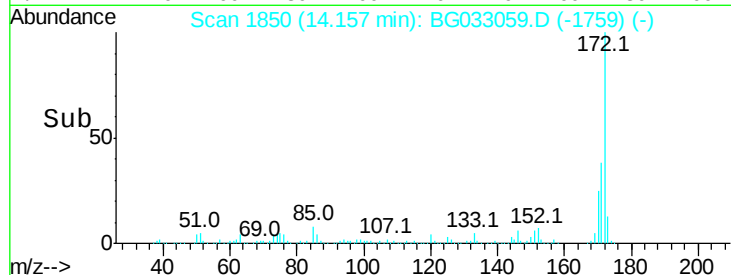
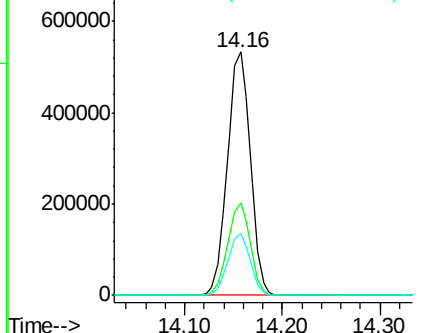
#44
2-Fluorobiphenyl
Concen: 98.190 ng
RT: 14.16 min Scan# 1850
Delta R.T. 0.00 min
Lab File: BG033059.D
Acq: 9 Mar 2018 3:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 868568
Ion Ratio Lower Upper
172 100
171 37.9 30.0 45.0
170 25.5 19.5 29.3

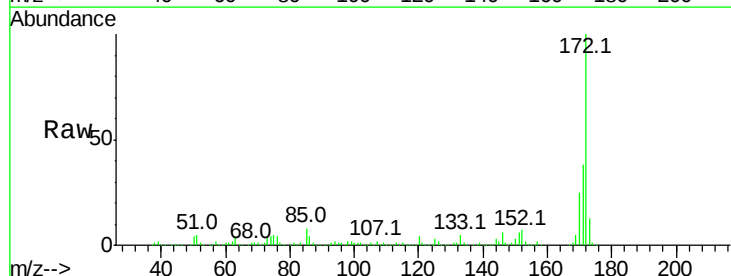


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

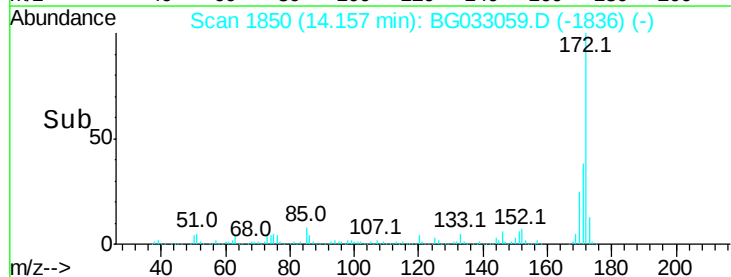
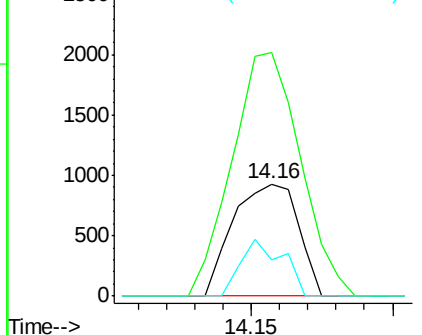


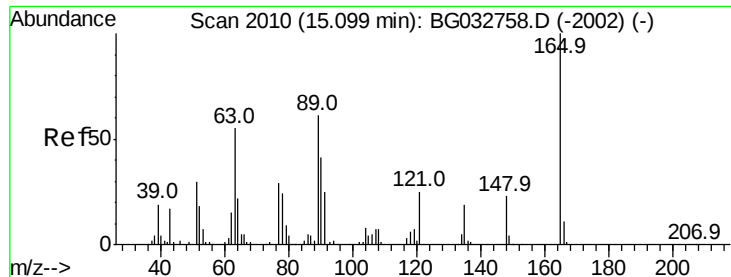
#47
2-Nitroaniline
Concen: 10.397 ng
RT: 14.16 min Scan# 1850
Delta R.T. -0.45 min
Lab File: BG033059.D
Acq: 9 Mar 2018 3:32

Tgt Ion: 65 Resp: 1483
Ion Ratio Lower Upper
65 100
92 216.8 54.6 82.0#
138 32.1 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): E





#50

2,6-Dinitrotoluene

Concen: 16.351 ng

RT: 15.53 min Scan# 2083

Delta R.T. 0.45 min

Lab File: BG033059.D

Acq: 9 Mar 2018 3:32

Instrument :

BNA_G

ClientSampled :

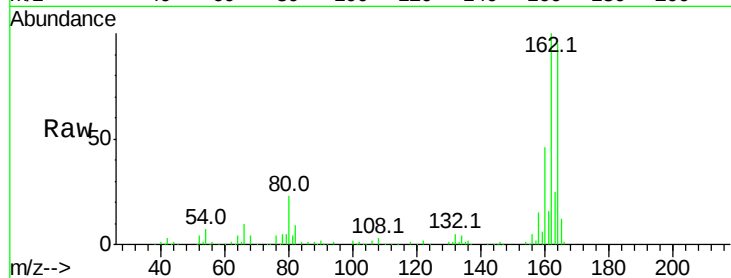
Tot Ion:165 Resp: 16404

Ion Ratio Lower Upper

165 100

63 1.5 52.7 79.1#

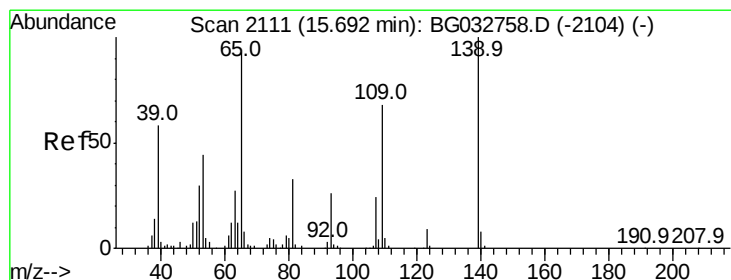
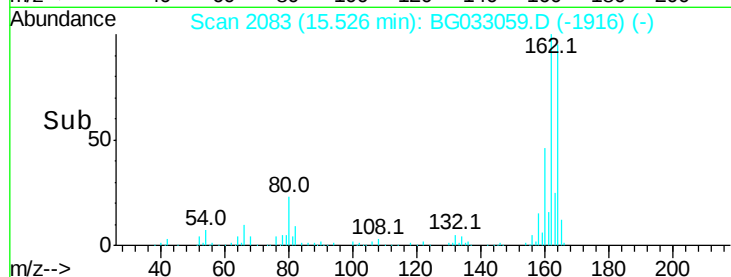
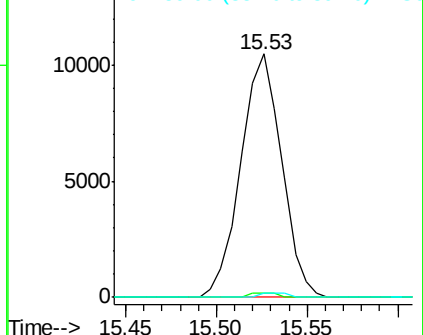
89 1.5 49.2 73.8#



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



#55

4-Nitrophenol

Concen: 7.185 ng

RT: 15.91 min Scan# 2149

Delta R.T. 0.24 min

Lab File: BG033059.D

Acq: 9 Mar 2018 3:32

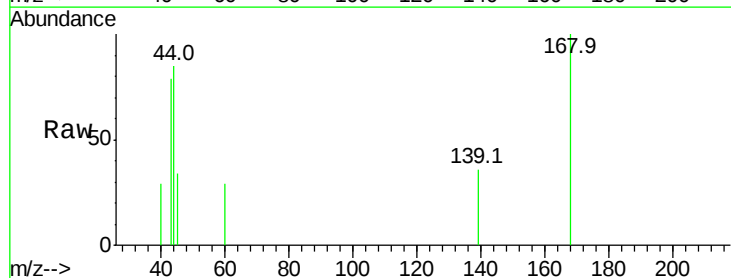
Tgt Ion:139 Resp: 204

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

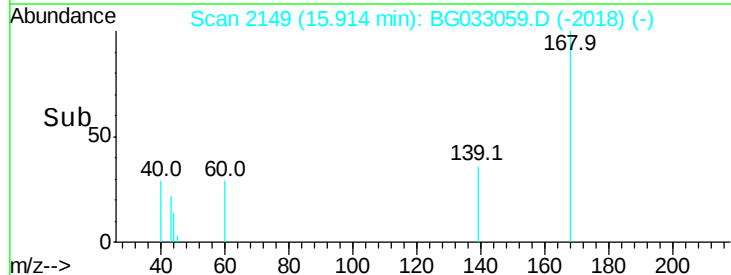
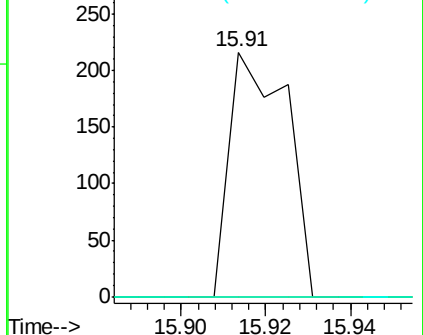
65 0.0 97.2 137.2#

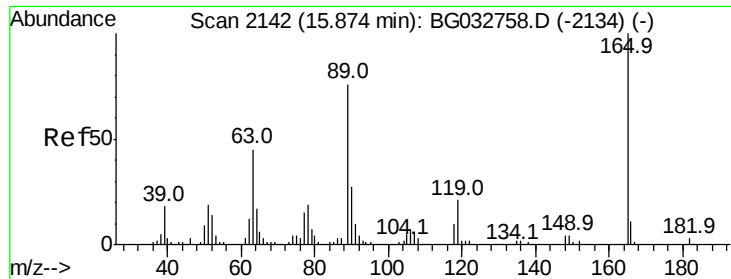


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

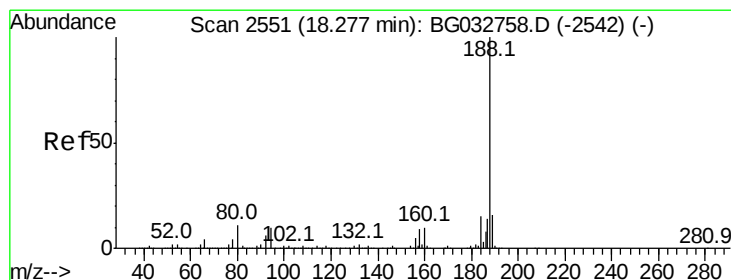
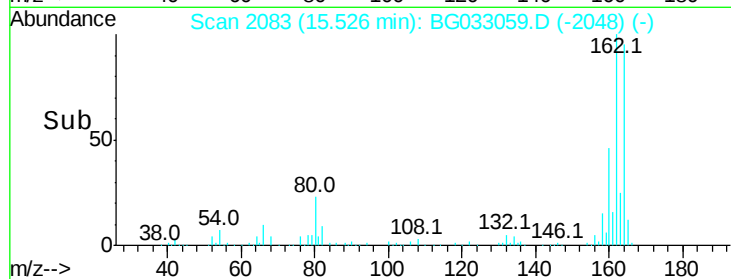
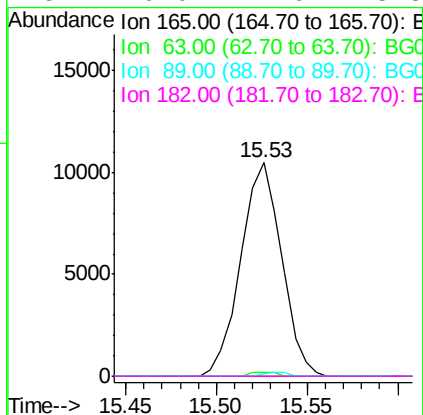
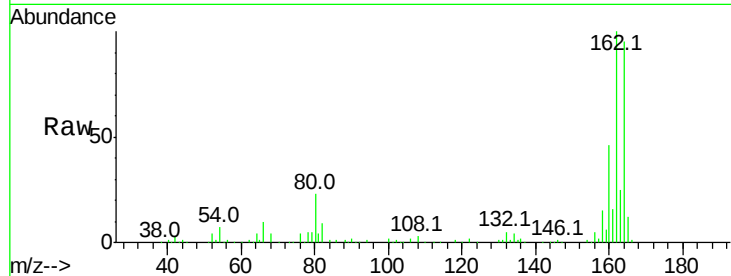




#56
 2,4-Dinitrotoluene
 Concen: 14.549 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. -0.33 min
 Lab File: BG033059.D
 Acq: 9 Mar 2018 3:32

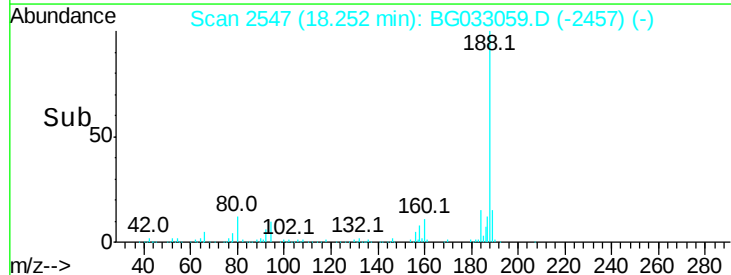
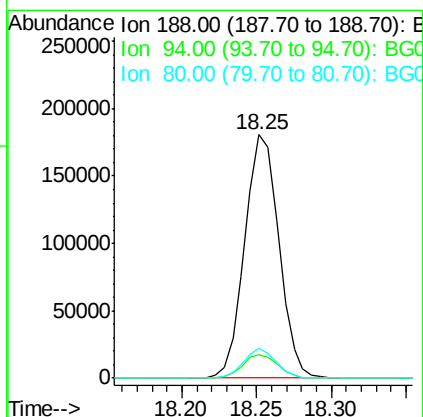
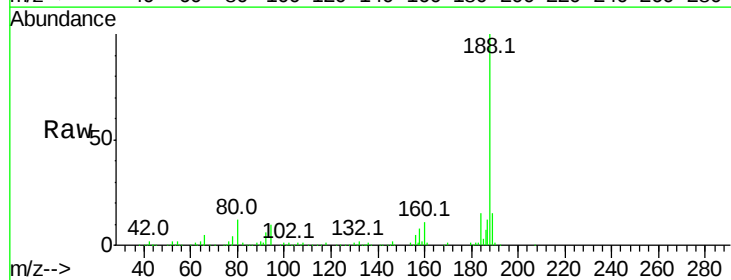
Instrument :
 BNA_G
 ClientSampleId :

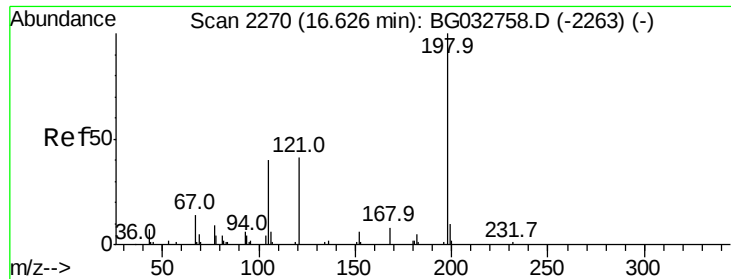
Tot Ion:	165	Resp:	16404
Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.0	63.0#
89	1.5	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.25 min Scan# 2547
 Delta R.T. -0.00 min
 Lab File: BG033059.D
 Acq: 9 Mar 2018 3:32

Tgt Ion:	188	Resp:	285861
Ion	Ratio	Lower	Upper
188	100		
94	9.5	6.9	10.3
80	12.2	7.7	11.5#

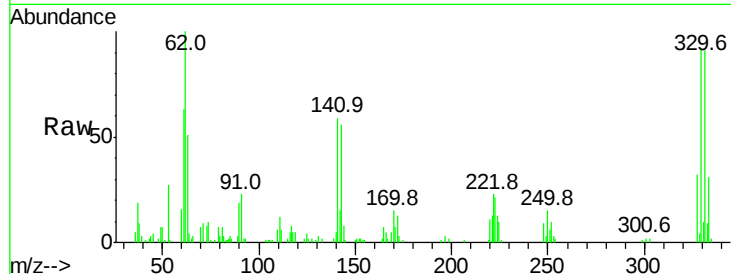




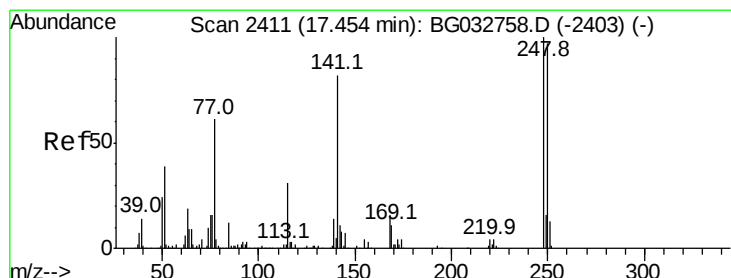
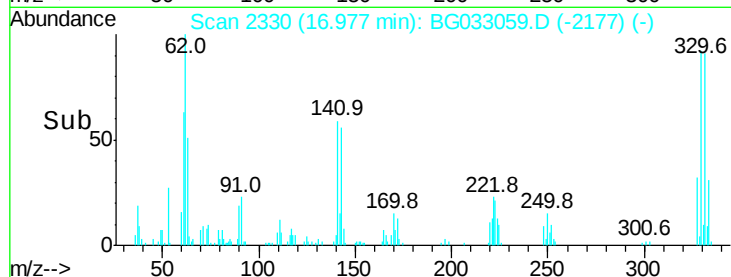
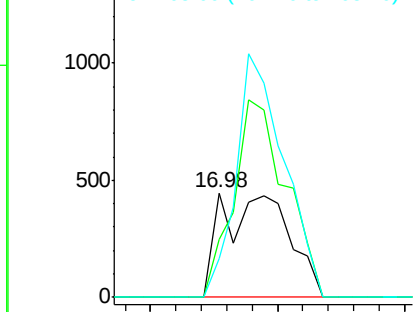
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.152 ng
 RT: 16.98 min Scan# 2330
 Delta R.T. 0.37 min
 Lab File: BG033059.D
 Acq: 9 Mar 2018 3:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 812
 Ion Ratio Lower Upper
 198 100
 51 55.5 30.6 70.6
 105 37.8 23.8 63.8

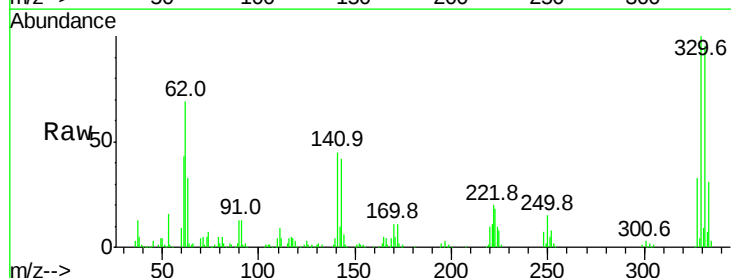


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

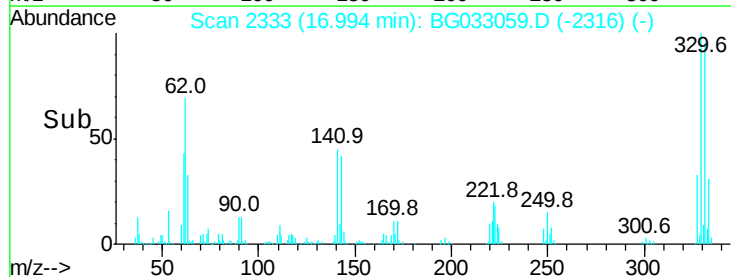
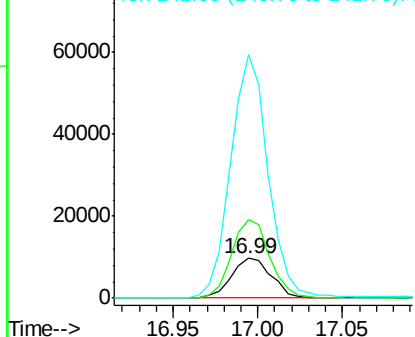


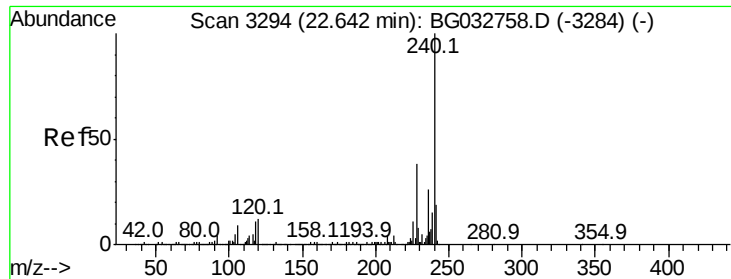
#66
 4-Bromophenyl-phenylether
 Concen: 5.262 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.43 min
 Lab File: BG033059.D
 Acq: 9 Mar 2018 3:32

Tgt Ion:248 Resp: 15906
 Ion Ratio Lower Upper
 248 100
 250 198.2 77.1 115.7#
 141 614.3 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: BG033059.D

Acq: 9 Mar 2018 3:32

Instrument :

BNA_G

ClientSampleId :

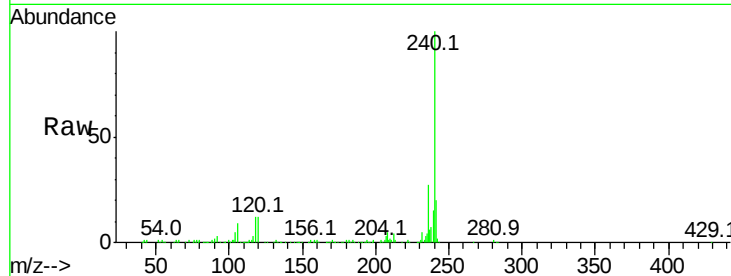
Tot Ion:240 Resp: 277533

Ion Ratio Lower Upper

240 100

120 12.5 6.8 10.2#

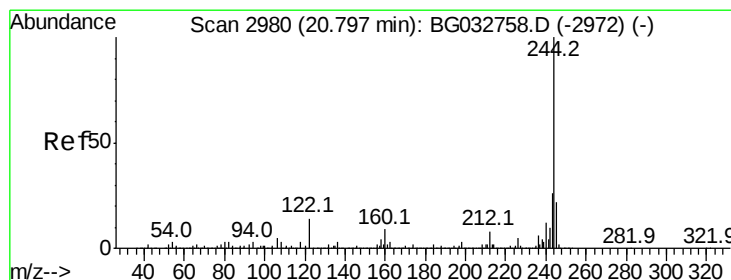
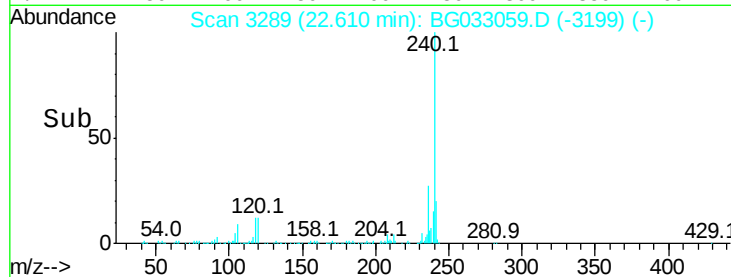
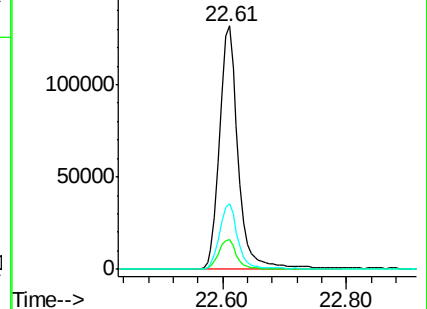
236 26.8 20.9 31.3



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: 106.665 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033059.D

Acq: 9 Mar 2018 3:32

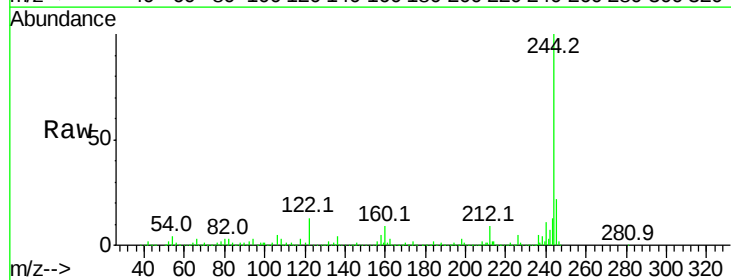
Tgt Ion:244 Resp: 1317609

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

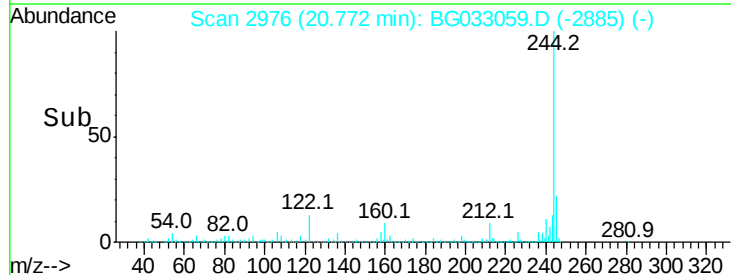
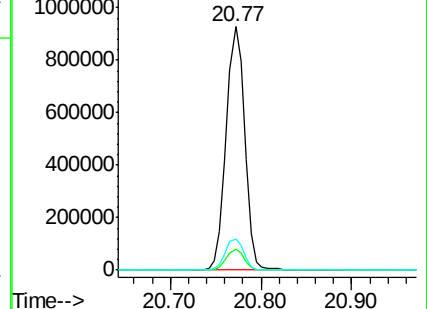
122 12.8 7.0 10.4#

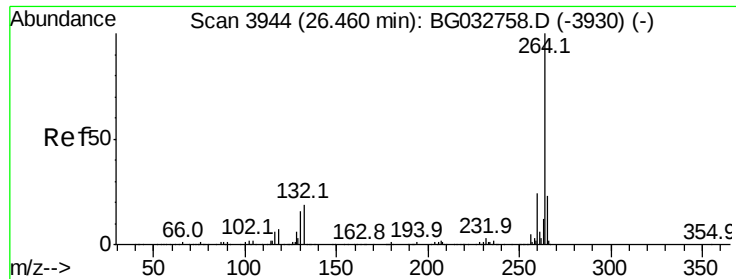


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

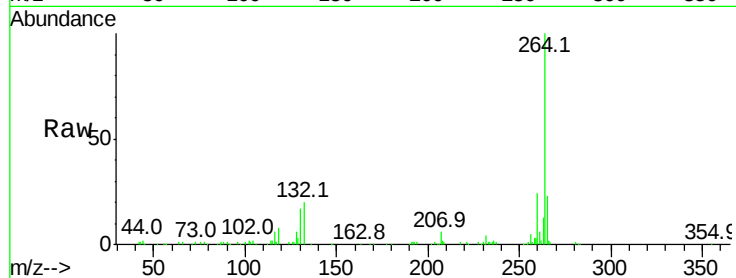




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.41 min Scan# 3936
 Delta R.T. 0.00 min
 Lab File: BG033059.D
 Acq: 9 Mar 2018 3:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	23.0	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

