

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030618\
 Data File : BG033035.D
 Acq On : 7 Mar 2018 00:18
 Operator : SJ/JU
 Sample : J1800-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 07 02:24:21 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	53883	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	230460	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	130672	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	295453	20.00	ng	0.00
75) Chrysene-d12	22.61	240	265647	20.00	ng	0.00
86) Perylene-d12	26.41	264	257235	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.33	112	507765	150.76	ng	0.00
7) Phenol-d6	8.01	99	620776	132.23	ng	0.00
23) Nitrobenzene-d5	10.11	82	459129	132.04	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	252732	183.94	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	961292	106.10	ng	0.00
78) Terphenyl-d14	20.77	244	1446936	122.38	ng	0.00

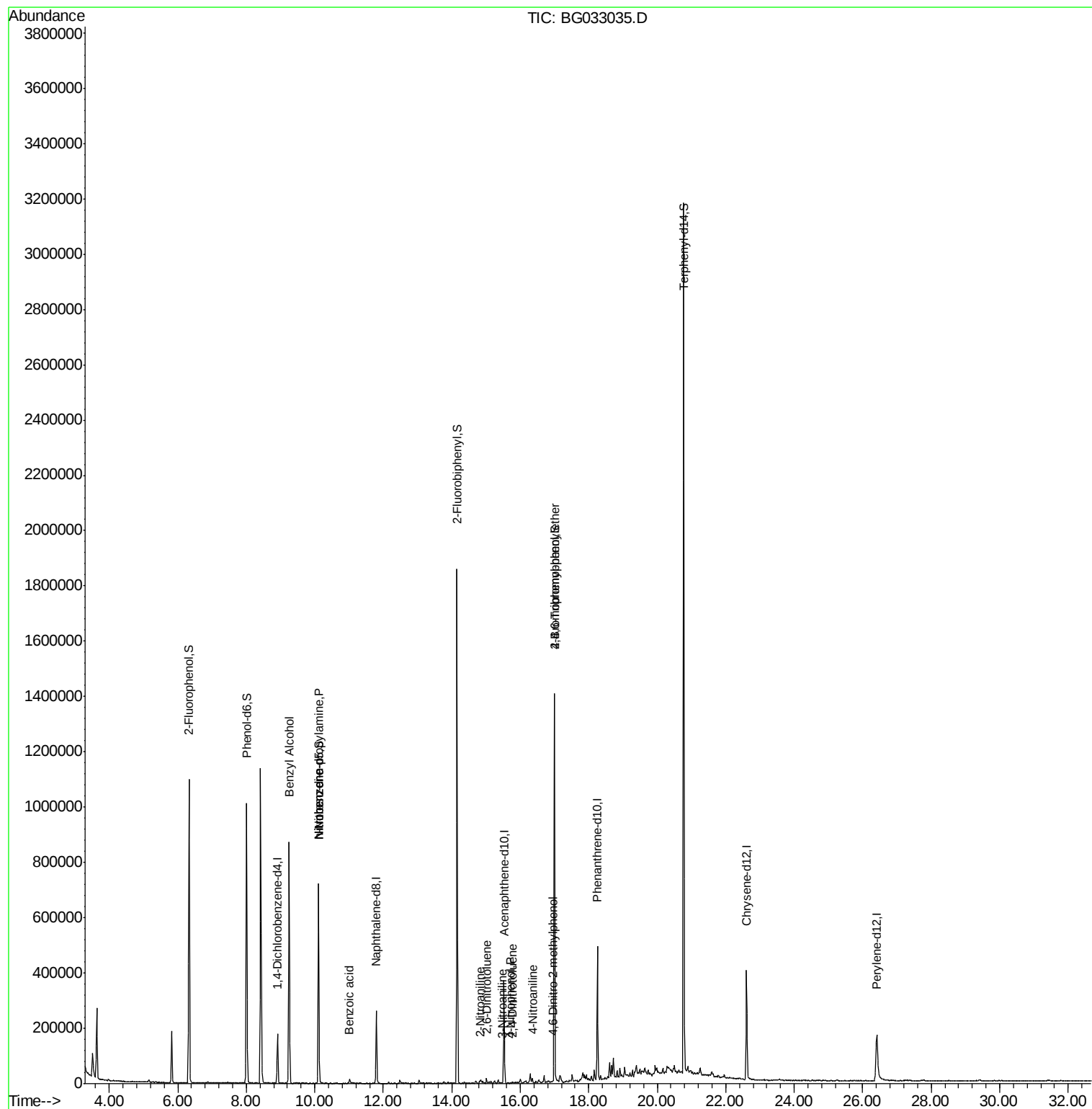
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	9.25	79	7449	2.158	ng	# 32
19) n-Nitroso-di-n-propylamine	10.11	70	60916	18.380	ng	# 83
24) Nitrobenzene	10.12	77	1453	6.723	ng	# 43
32) Benzoic acid	11.01	122	357	6.014	ng	# 72
47) 2-Nitroaniline	14.83	65	129	9.883	ng	# 9
50) 2,6-Dinitrotoluene	15.01	165	2547	10.028	ng	# 18
52) 3-Nitroaniline	15.47	138	65	7.567	ng	# 1
55) 4-Nitrophenol	15.71	139	63	7.112	ng	# 1
56) 2,4-Dinitrotoluene	15.77	165	1821	7.663	ng	# 16
61) 4-Nitroaniline	16.36	138	227	5.384	ng	# 12
64) 4,6-Dinitro-2-methylphenol	16.95	198	514	5.688	ng	# 98
66) 4-Bromophenyl-phenylether	17.00	248	18094	5.792	ng	# 1

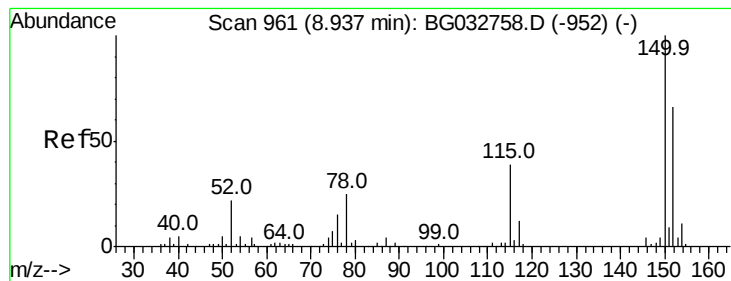
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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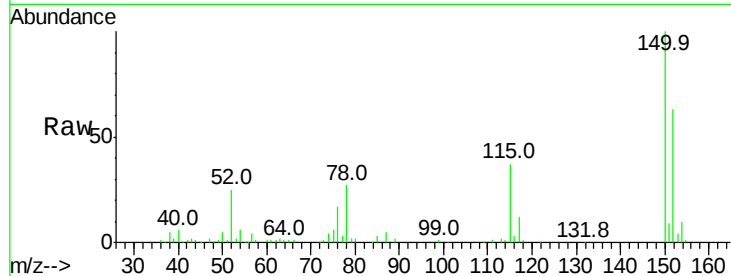


#1

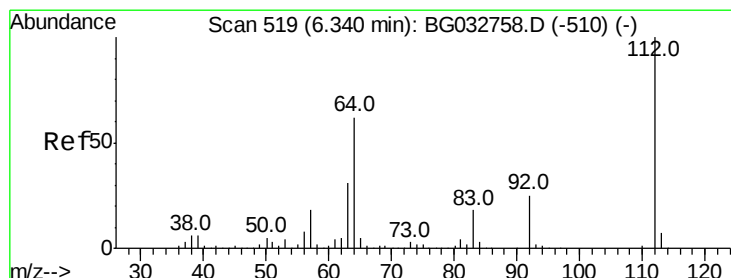
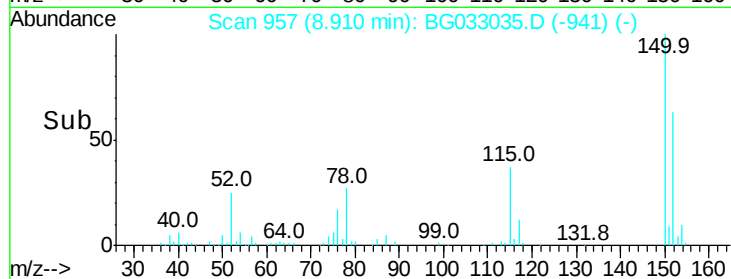
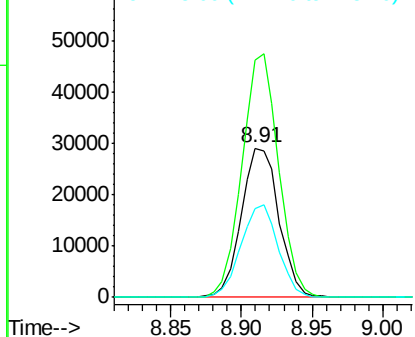
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033035.D
Acq: 7 Mar 2018 00:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53883
Ion Ratio Lower Upper
152 100
150 159.1 126.6 189.8
115 59.6 53.0 79.4



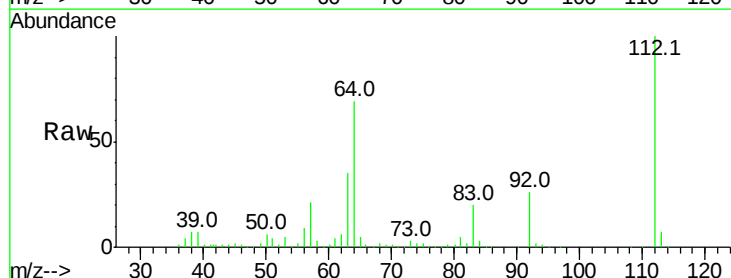
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



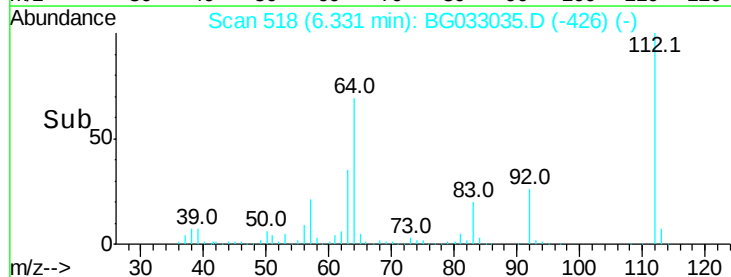
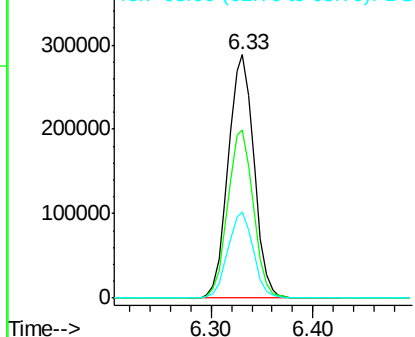
#5

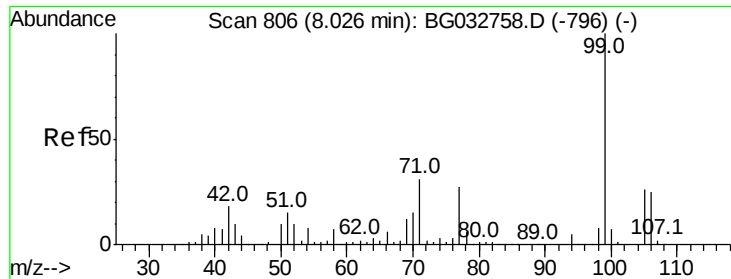
2-Fluorophenol
Concen: 150.762 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.01 min
Lab File: BG033035.D
Acq: 7 Mar 2018 00:18

Tgt Ion:112 Resp: 507765
Ion Ratio Lower Upper
112 100
64 68.8 56.3 84.5
63 35.3 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: 132.234 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033035.D

Acq: 7 Mar 2018 00:18

Instrument :

BNA_G

ClientSampled :

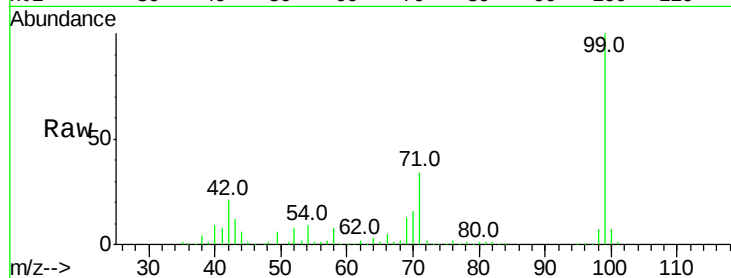
Tot Ion: 99 Resp: 620776

Ion Ratio Lower Upper

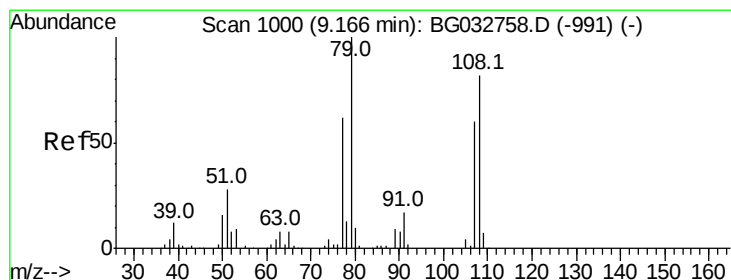
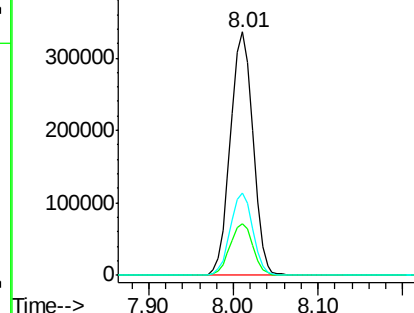
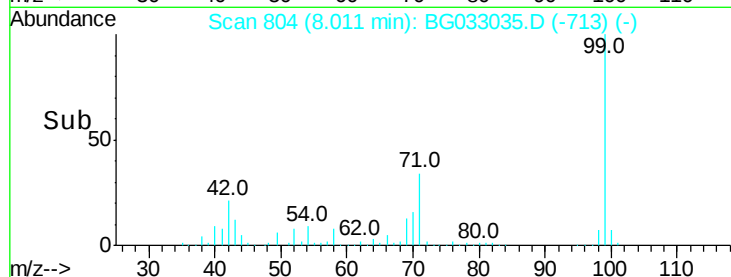
99 100

42 21.2 14.1 21.1#

71 33.8 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



#15

Benzyl Alcohol

Concen: 2.158 ng

RT: 9.25 min Scan# 1015

Delta R.T. 0.11 min

Lab File: BG033035.D

Acq: 7 Mar 2018 00:18

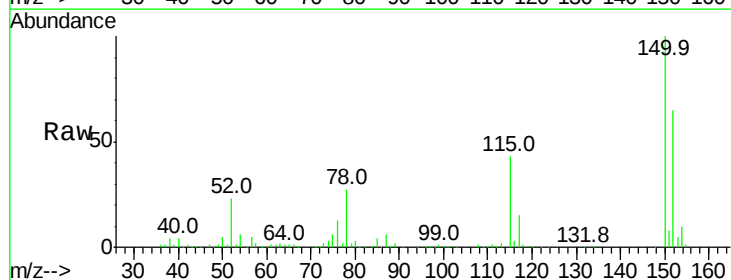
Tgt Ion: 79 Resp: 7449

Ion Ratio Lower Upper

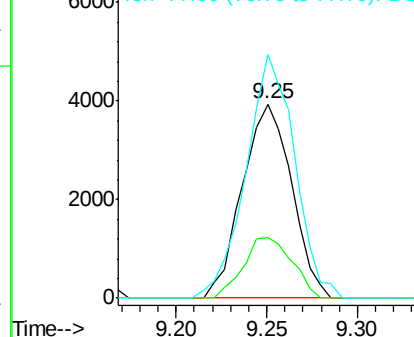
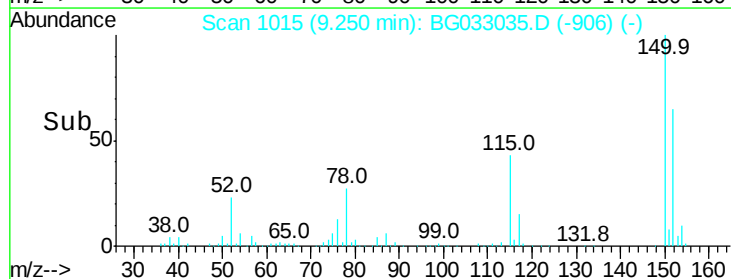
79 100

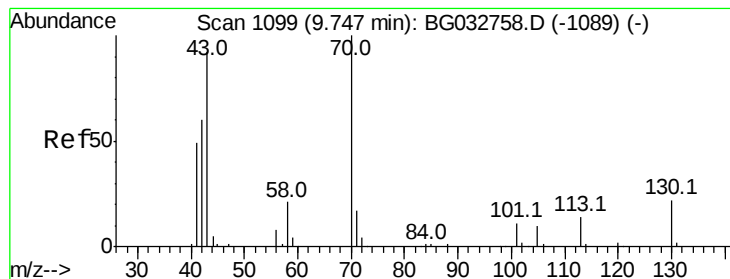
108 31.0 57.2 85.8#

77 125.7 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: 18.380 ng

RT: 10.11 min Scan# 1162

Delta R.T. 0.39 min

Lab File: BG033035.D

Acq: 7 Mar 2018 00:18

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 60916

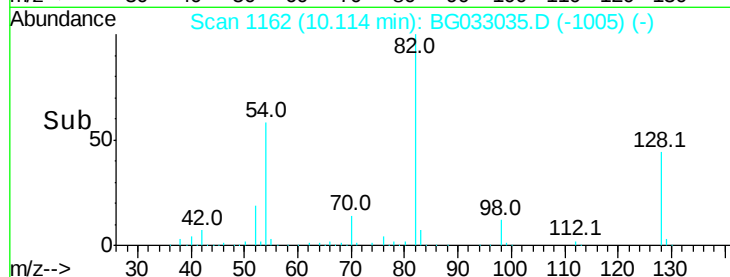
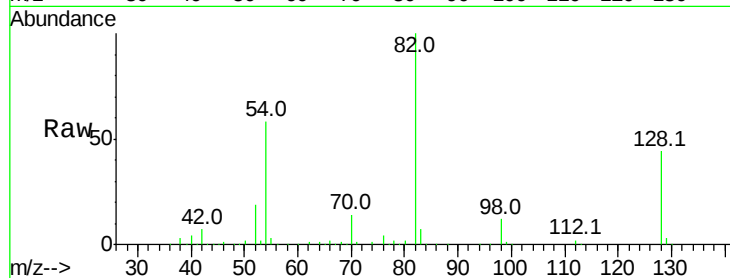
Ion Ratio Lower Upper

70 100

42 53.6 49.1 73.7

101 0.0 8.5 12.7#

130 1.9 13.4 20.0#

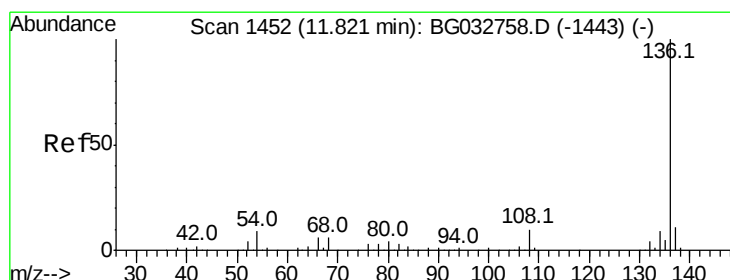
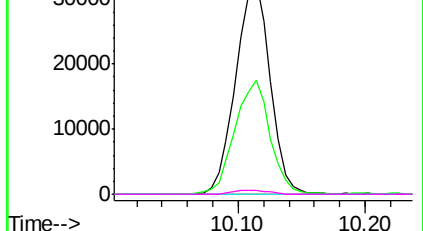


Abundance Ion 70.00 (69.70 to 70.70): BGC

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. 0.00 min

Lab File: BG033035.D

Acq: 7 Mar 2018 00:18

Tgt Ion:136 Resp: 230460

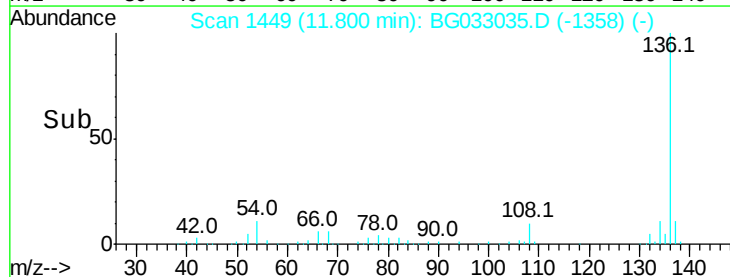
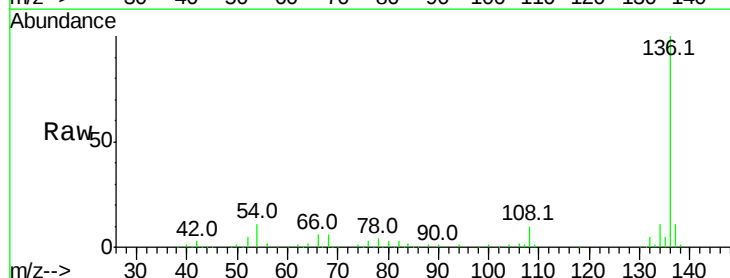
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 10.8 10.3 15.5

68 5.9 4.5 6.7

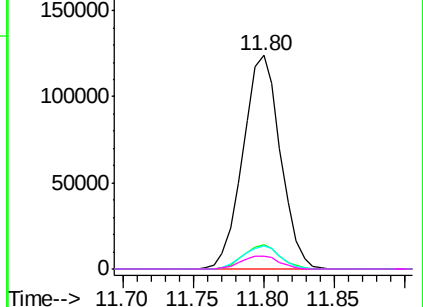


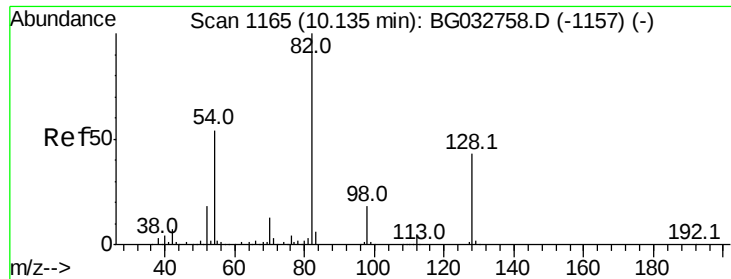
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

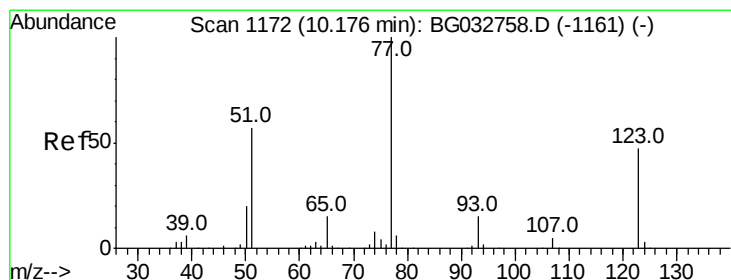
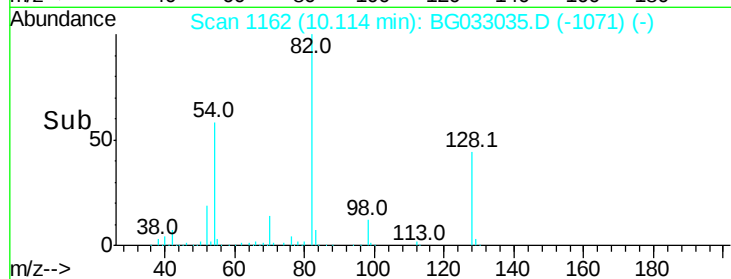
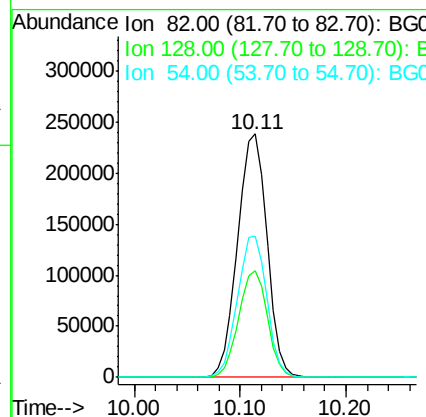
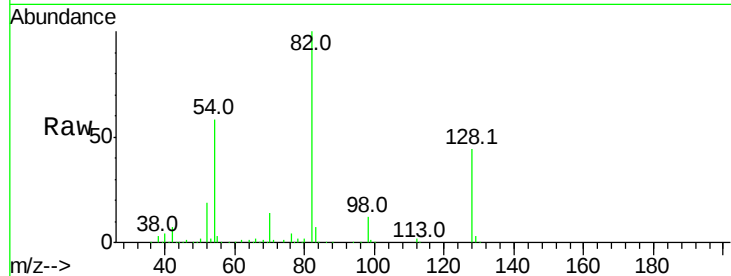




#23
Nitrobenzene-d5
Concen: 132.041 ng
RT: 10.11 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BG033035.D
Acq: 7 Mar 2018 00:18

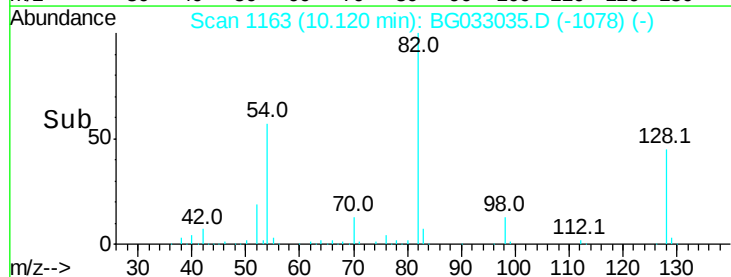
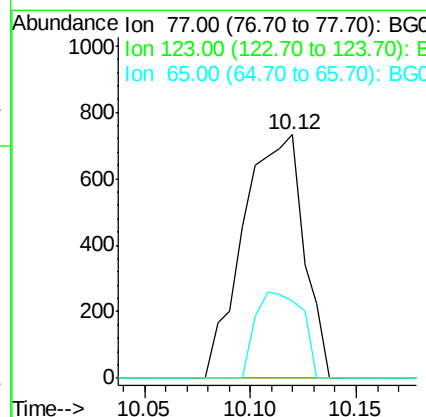
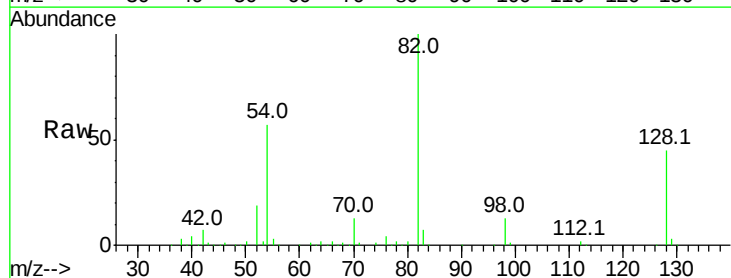
Instrument :
BNA_G
ClientSampleId :

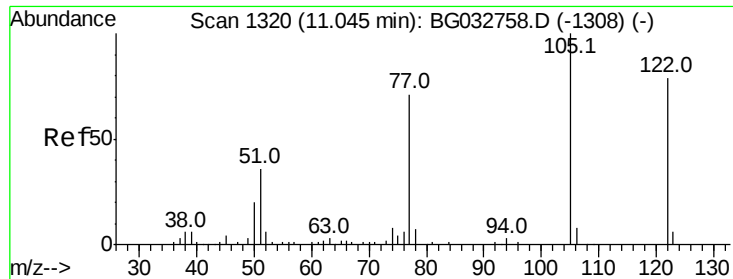
Tot Ion: 82 Resp: 459129
Ion Ratio Lower Upper
82 100
128 44.0 29.7 44.5
54 58.1 43.1 64.7



#24
Nitrobenzene
Concen: 6.723 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BG033035.D
Acq: 7 Mar 2018 00:18

Tgt Ion: 77 Resp: 1453
Ion Ratio Lower Upper
77 100
123 0.0 33.0 49.6#
65 31.7 13.0 19.6#





#32

Benzoic acid

Concen: 6.014 ng

RT: 11.01 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BG033035.D

Acq: 7 Mar 2018 00:18

Instrument :

BNA_G

ClientSampleId :

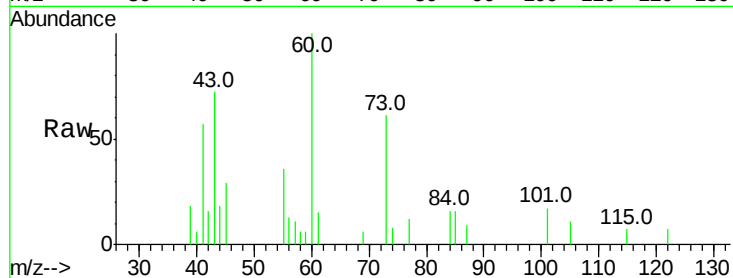
Tot Ion:122 Resp: 357

Ion Ratio Lower Upper

122 100

105 148.7 123.5 163.5

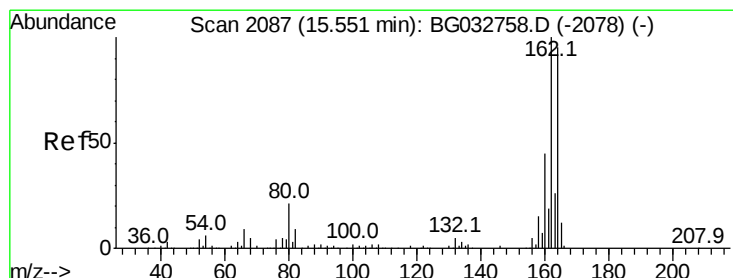
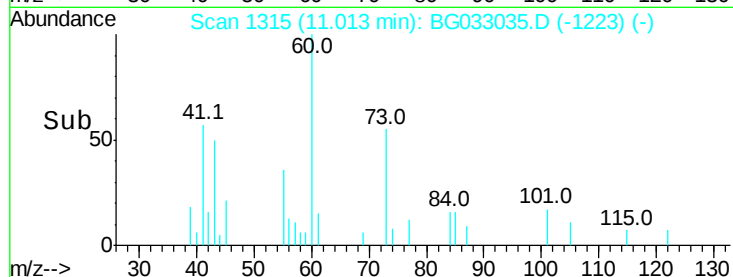
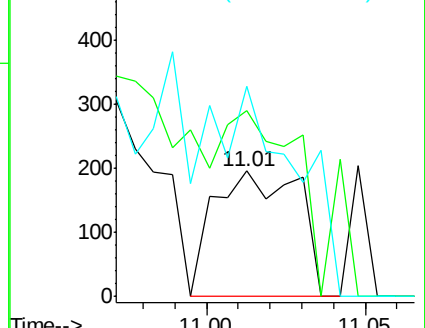
77 167.7 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.52 min Scan# 2083

Delta R.T. -0.00 min

Lab File: BG033035.D

Acq: 7 Mar 2018 00:18

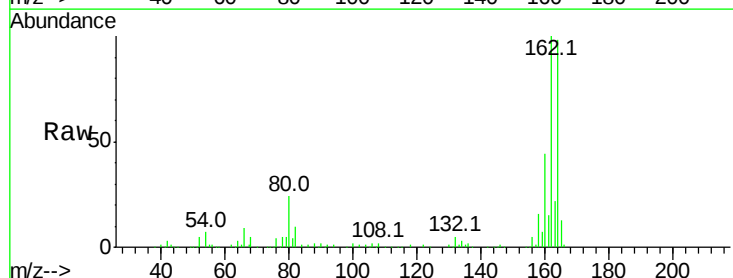
Tgt Ion:164 Resp: 130672

Ion Ratio Lower Upper

164 100

162 101.8 78.8 118.2

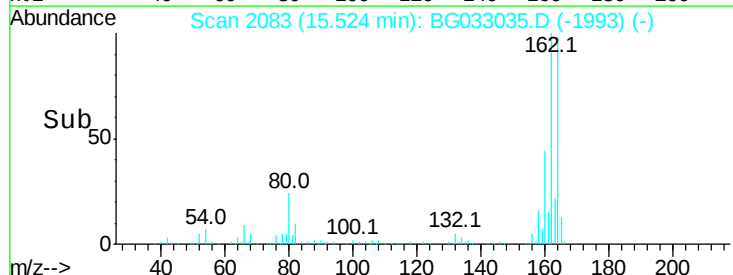
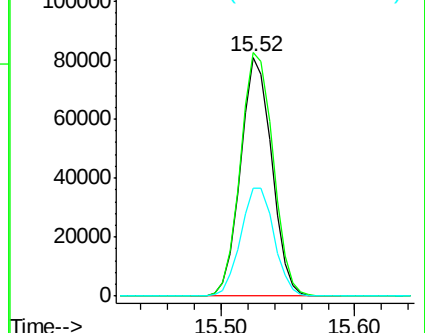
160 45.2 35.4 53.0

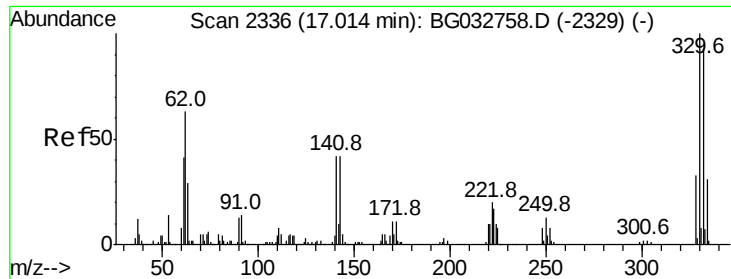


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

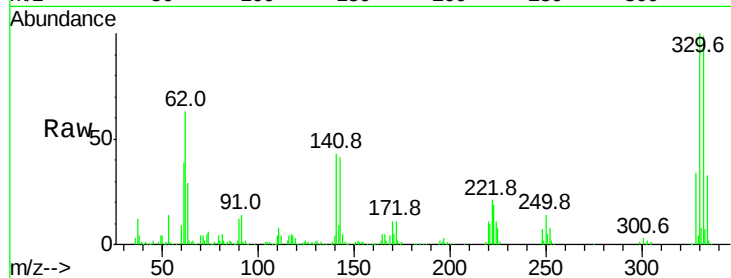




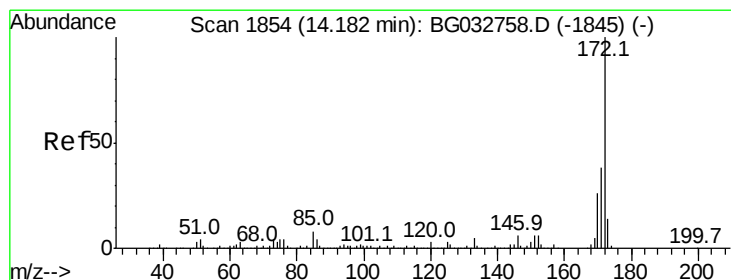
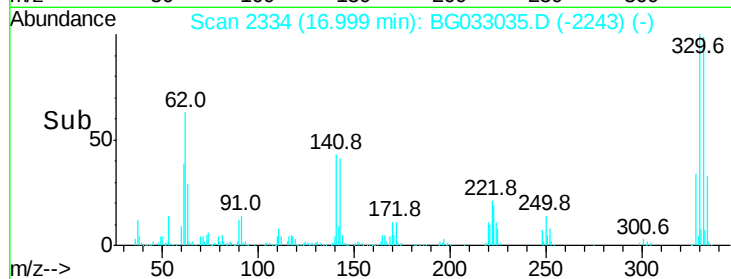
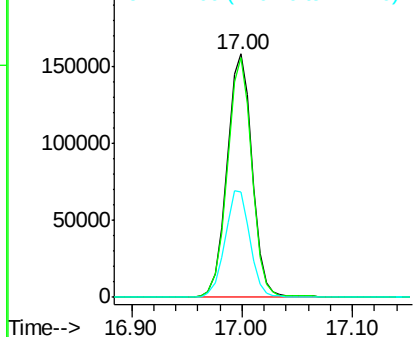
#41
 2,4,6-Tribromophenol
 Concen: 183.943 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. 0.00 min
 Lab File: BG033035.D
 Acq: 7 Mar 2018 00:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 252732
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 43.4 25.2 37.8#

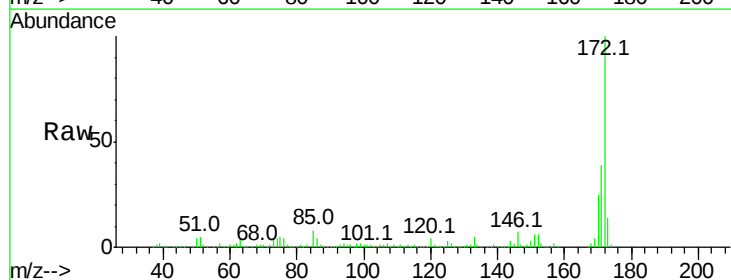


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

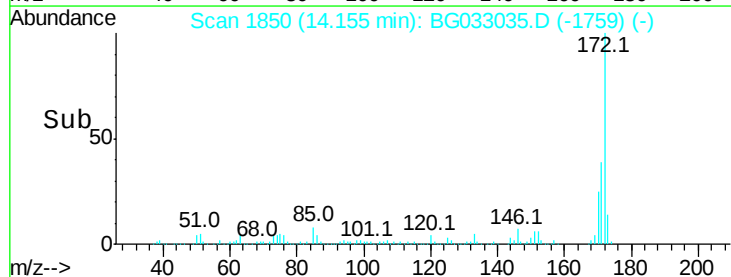
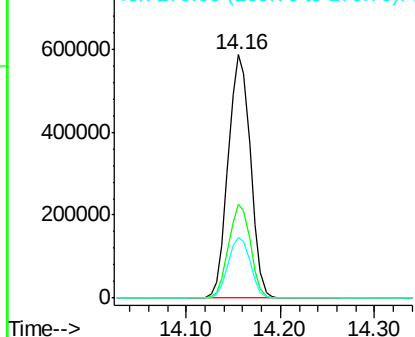


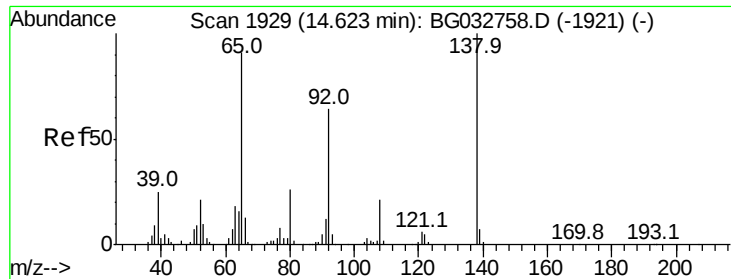
#44
 2-Fluorobiphenyl
 Concen: 106.100 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033035.D
 Acq: 7 Mar 2018 00:18

Tgt Ion:172 Resp: 961292
 Ion Ratio Lower Upper
 172 100
 171 38.6 30.0 45.0
 170 25.0 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

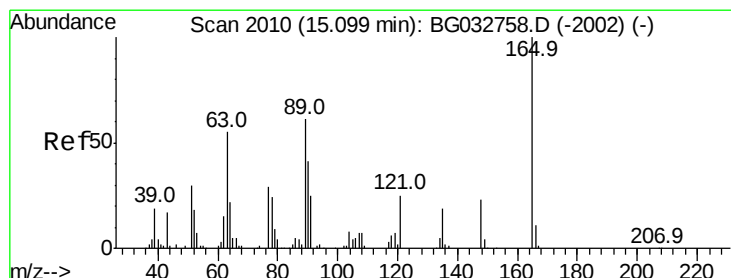
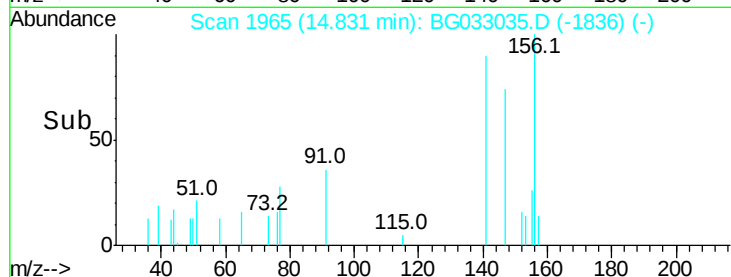
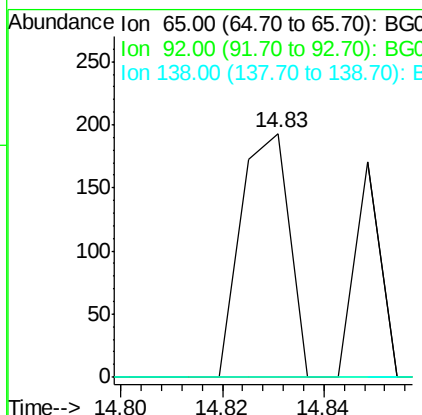
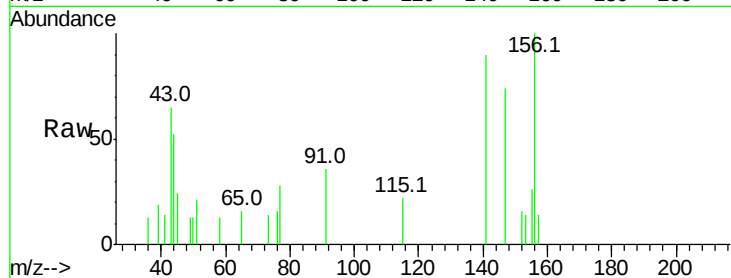




#47
 2-Nitroaniline
 Concen: 9.883 ng
 RT: 14.83 min Scan# 1965
 Delta R.T. 0.23 min
 Lab File: BG033035.D
 Acq: 7 Mar 2018 00:18

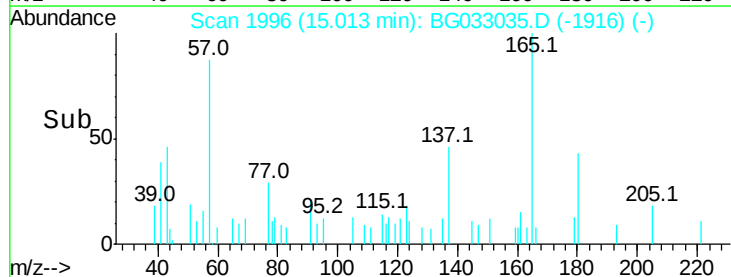
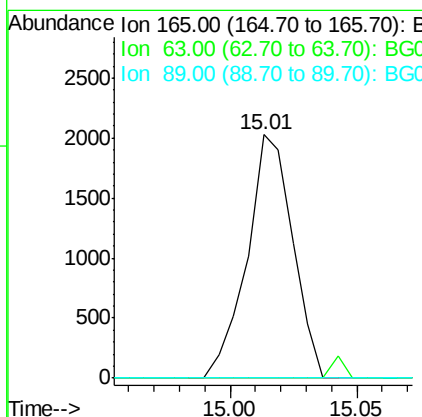
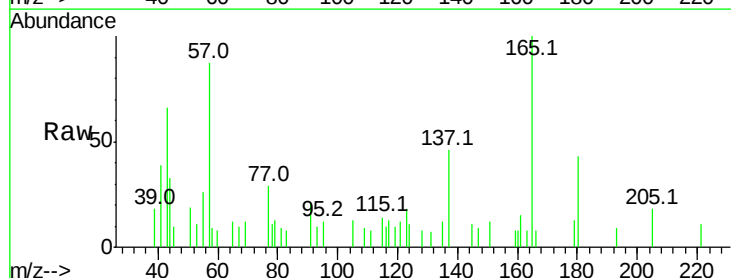
Instrument :
 BNA_G
 ClientSampled :

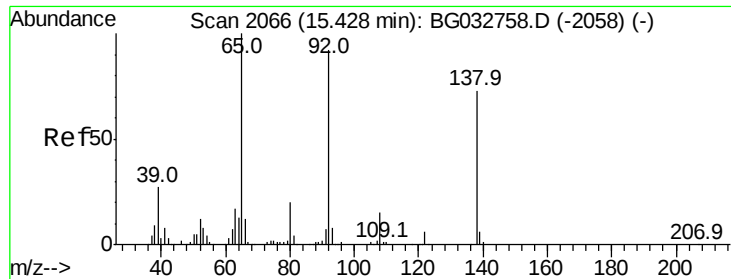
Tot Ion: 65 Resp: 129
 Ion Ratio Lower Upper
 65 100
 92 0.0 54.6 82.0#
 138 0.0 72.9 109.3#



#50
 2,6-Dinitrotoluene
 Concen: 10.028 ng
 RT: 15.01 min Scan# 1996
 Delta R.T. -0.06 min
 Lab File: BG033035.D
 Acq: 7 Mar 2018 00:18

Tgt Ion: 165 Resp: 2547
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

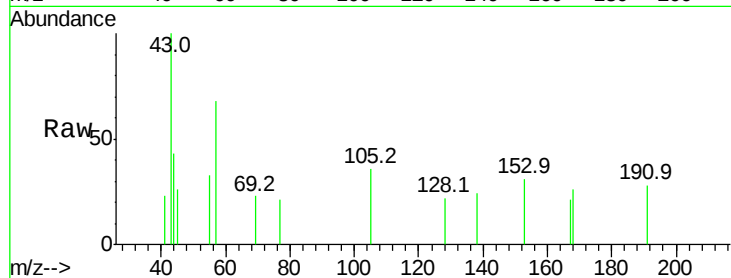




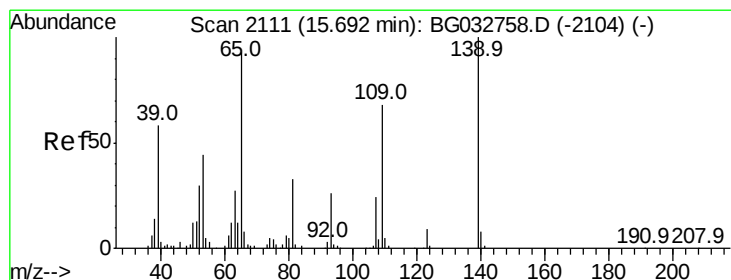
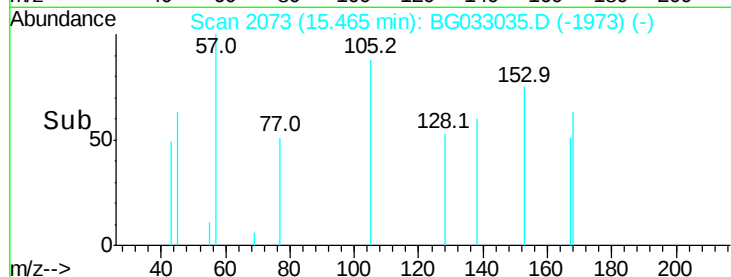
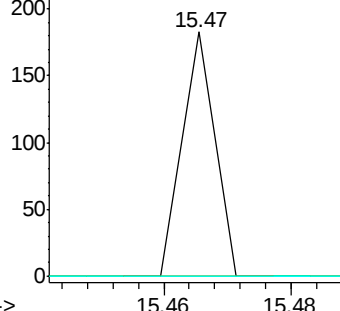
#52
3-Nitroaniline
Concen: 7.567 ng
RT: 15.47 min Scan# 2073
Delta R.T. 0.06 min
Lab File: BG033035.D
Acq: 7 Mar 2018 00:18

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 65
Ion Ratio Lower Upper
138 100
108 0.0 17.5 26.3#
92 0.0 105.8 158.8#

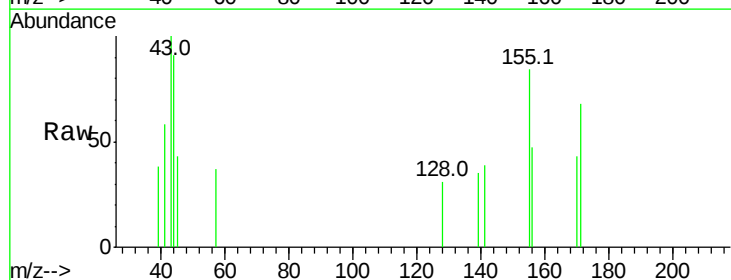


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

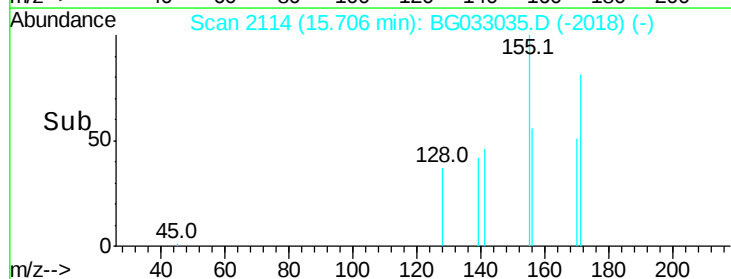
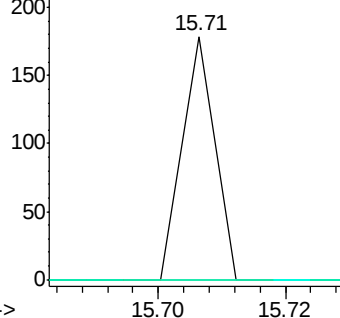


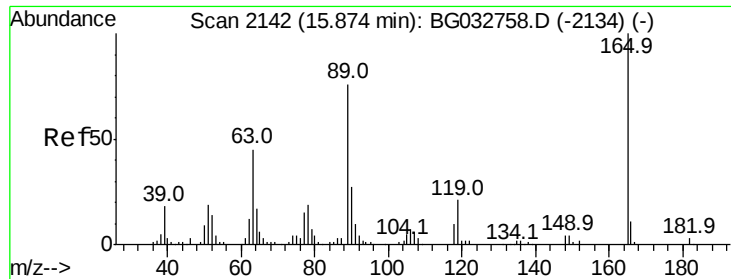
#55
4-Nitrophenol
Concen: 7.112 ng
RT: 15.71 min Scan# 2114
Delta R.T. 0.03 min
Lab File: BG033035.D
Acq: 7 Mar 2018 00:18

Tgt Ion:139 Resp: 63
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

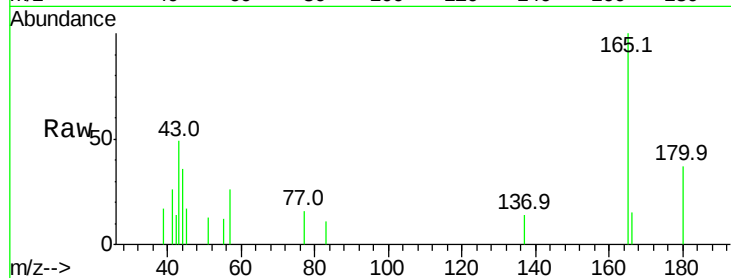




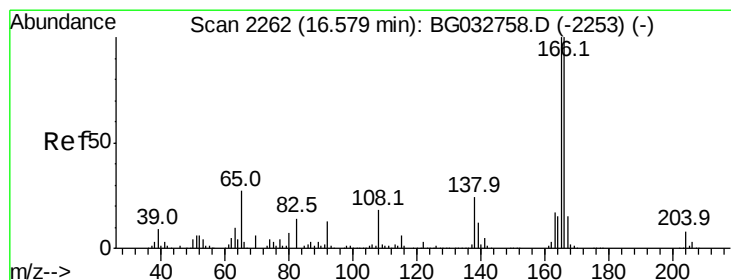
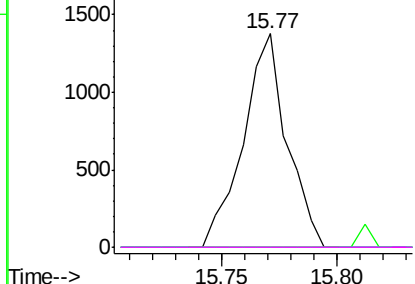
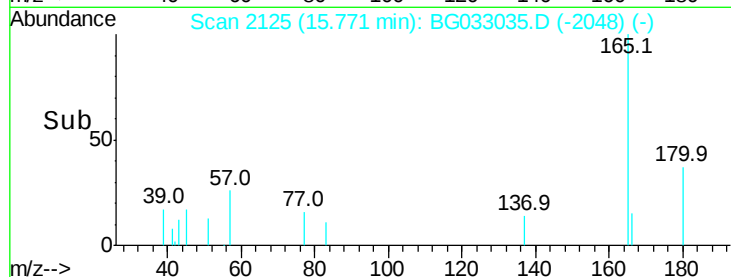
#56
2,4-Dinitrotoluene
Concen: 7.663 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.08 min
Lab File: BG033035.D
Acq: 7 Mar 2018 00:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 1821
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#

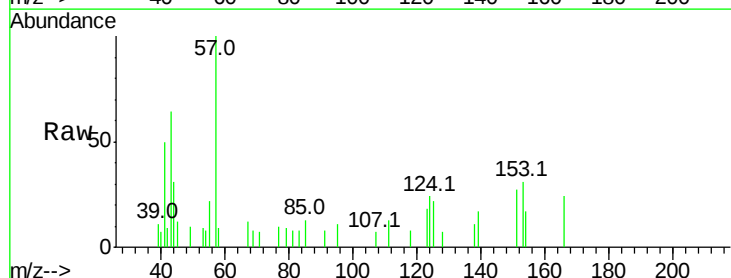


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

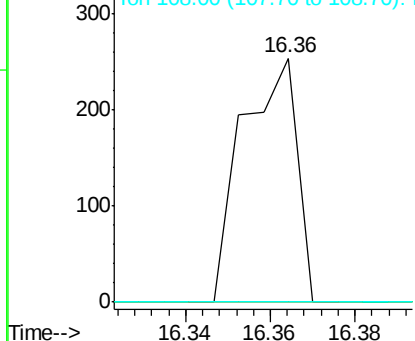
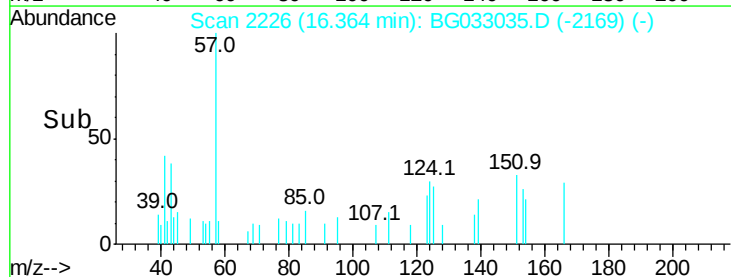


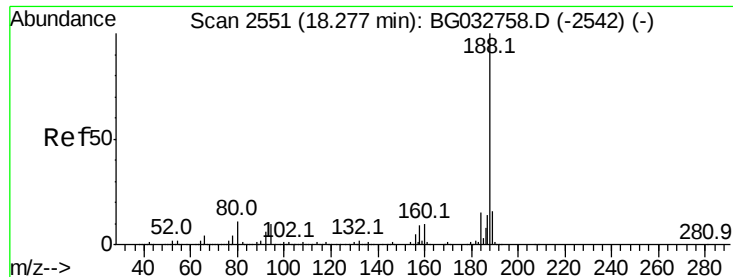
#61
4-Nitroaniline
Concen: 5.384 ng
RT: 16.36 min Scan# 2226
Delta R.T. -0.20 min
Lab File: BG033035.D
Acq: 7 Mar 2018 00:18

Tgt Ion:138 Resp: 227
Ion Ratio Lower Upper
138 100
92 0.0 40.1 80.1#
108 0.0 65.4 105.4#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

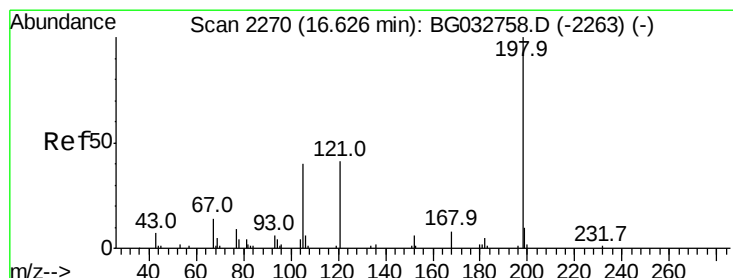
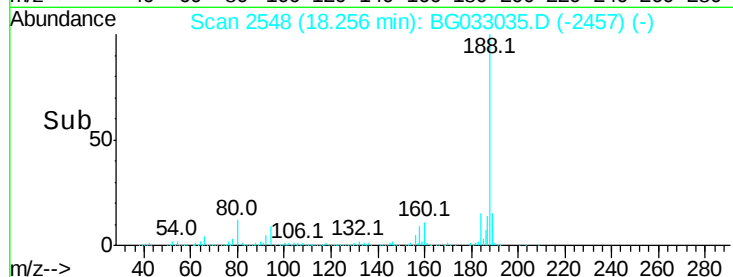
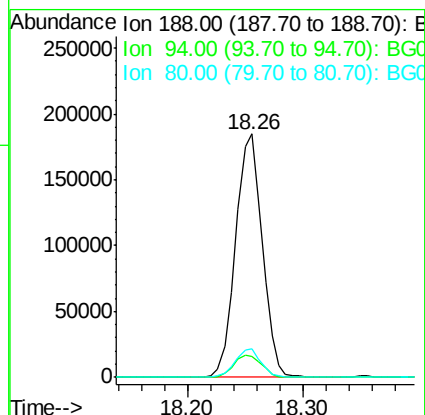
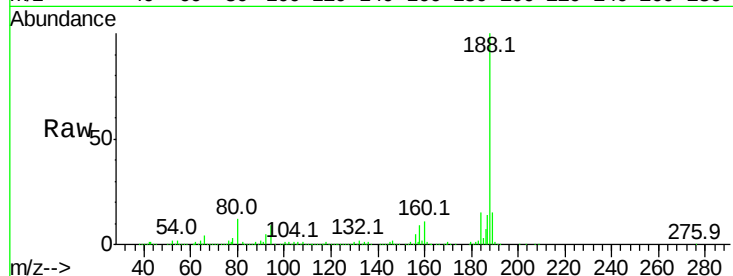




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. 0.00 min
Lab File: BG033035.D
Acq: 7 Mar 2018 00:18

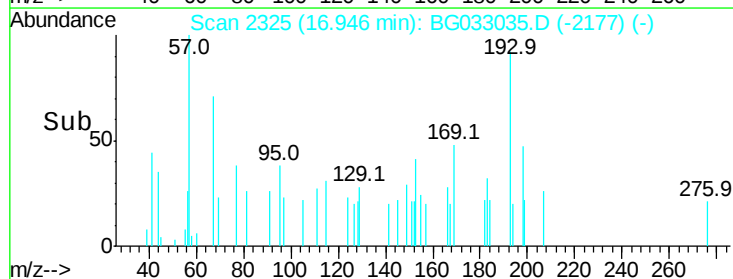
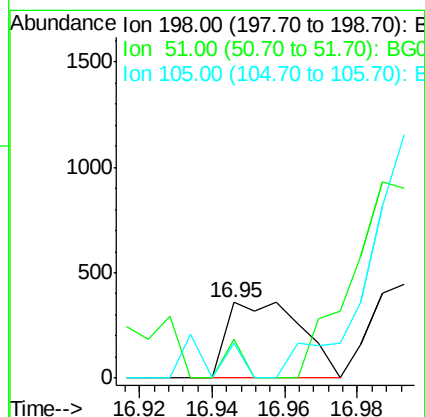
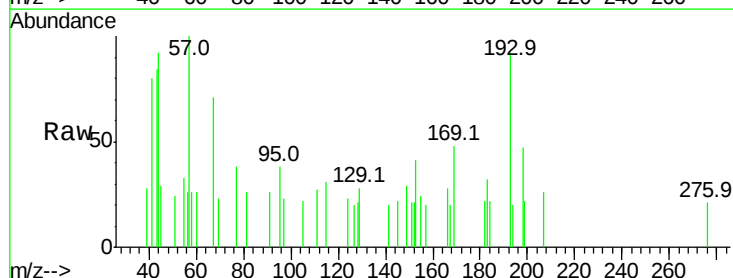
Instrument :
BNA_G
ClientSampleId :

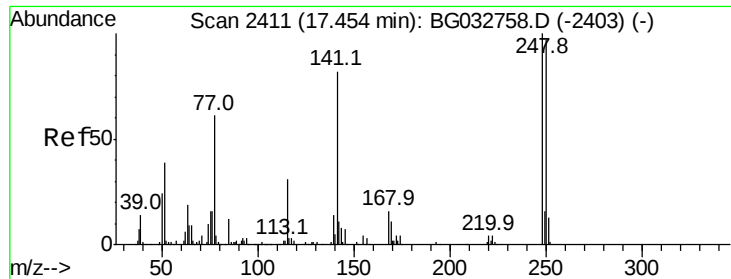
Tot Ion:188 Resp: 295453
Ion Ratio Lower Upper
188 100
94 8.8 6.9 10.3
80 11.7 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 5.688 ng
RT: 16.95 min Scan# 2325
Delta R.T. 0.34 min
Lab File: BG033035.D
Acq: 7 Mar 2018 00:18

Tgt Ion:198 Resp: 514
Ion Ratio Lower Upper
198 100
51 50.7 30.6 70.6
105 46.8 23.8 63.8

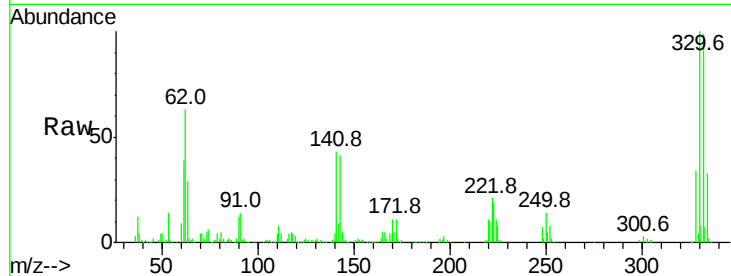




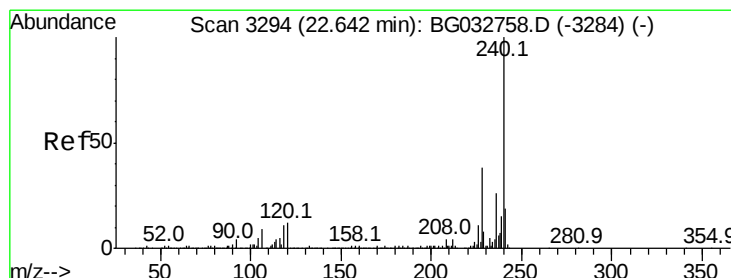
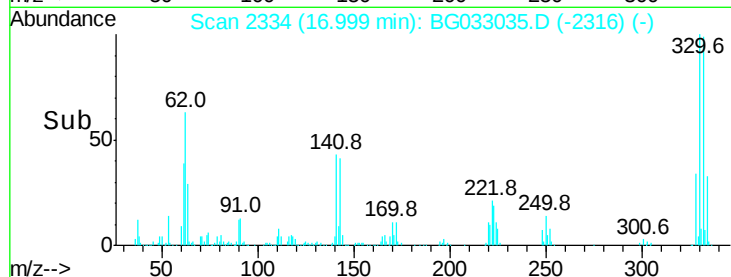
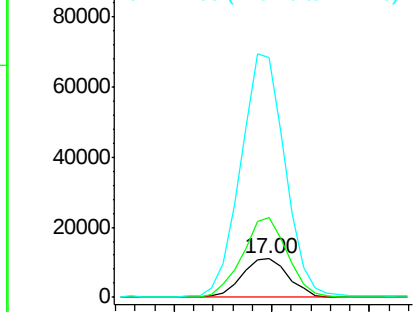
#66
 4-Bromophenyl-phenylether
 Concen: 5.792 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.43 min
 Lab File: BG033035.D
 Acq: 7 Mar 2018 00:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 18094
 Ion Ratio Lower Upper
 248 100
 250 205.1 77.1 115.7#
 141 620.5 50.8 76.2#

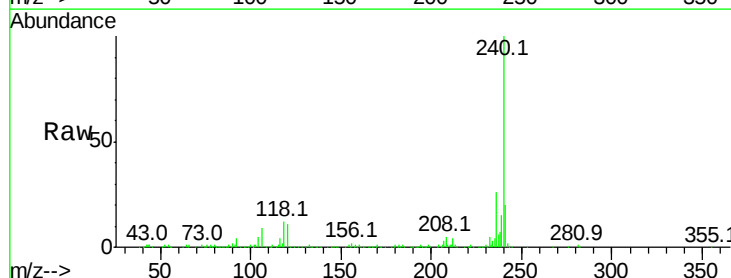


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

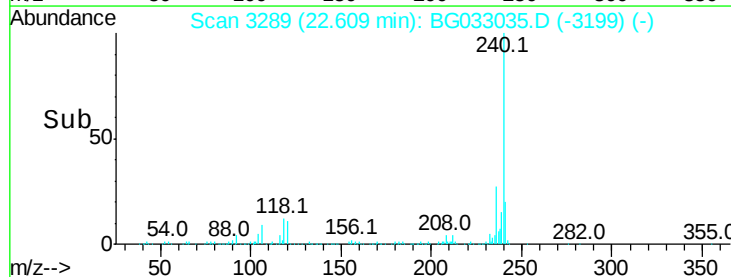
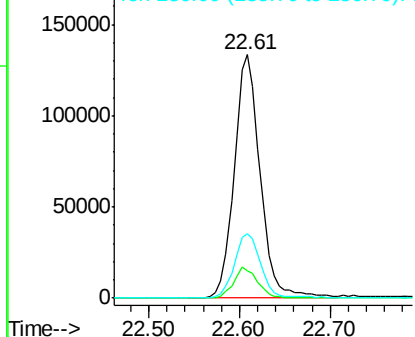


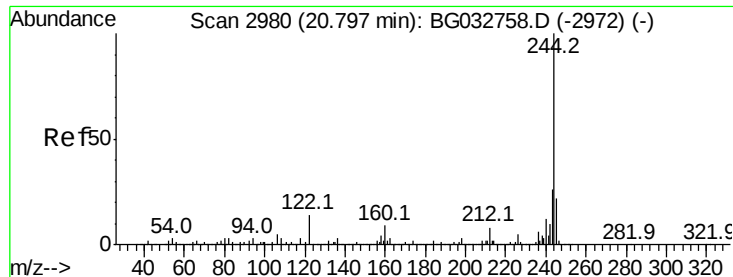
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.61 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: BG033035.D
 Acq: 7 Mar 2018 00:18

Tgt Ion:240 Resp: 265647
 Ion Ratio Lower Upper
 240 100
 120 11.3 6.8 10.2#
 236 26.5 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





#78

Terphenyl-d14

Concen: 122.376 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033035.D

Acq: 7 Mar 2018 00:18

Instrument :

BNA_G

ClientSampled :

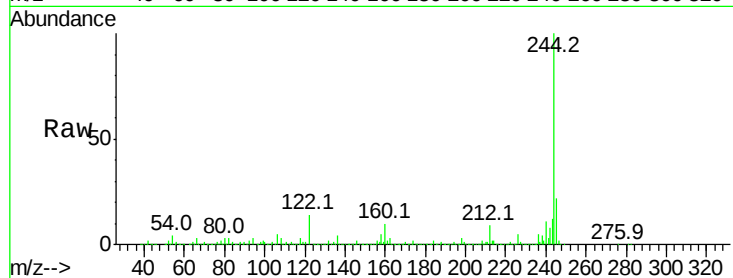
Tot Ion:244 Resp: 1446936

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

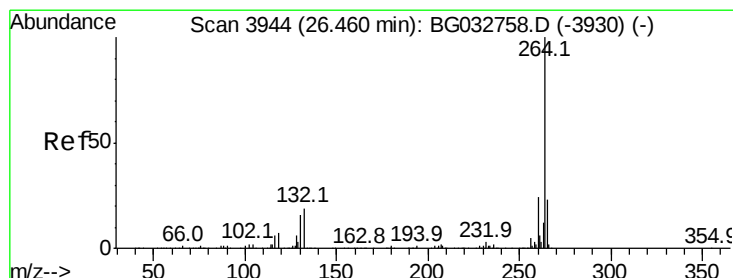
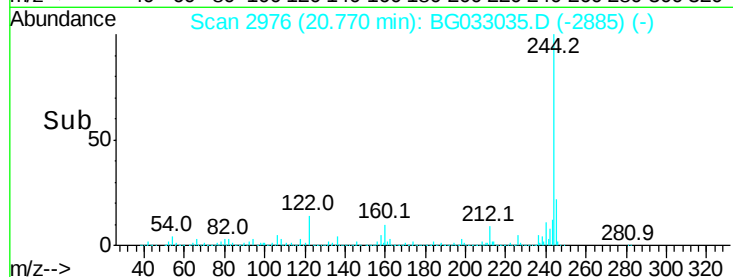
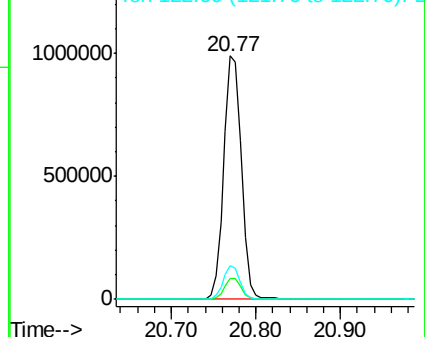
122 14.0 7.0 10.4#



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: BG033035.D

Acq: 7 Mar 2018 00:18

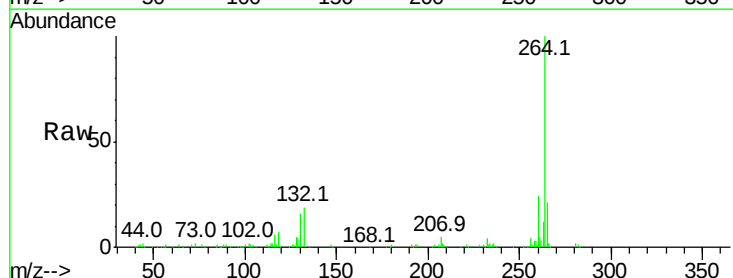
Tgt Ion:264 Resp: 257235

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 21.0 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

