

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030518\
 Data File : BG033002.D
 Acq On : 6 Mar 2018 00:15
 Operator : SJ/JU
 Sample : J1792-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 06 02:27:13 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	8.92	152	60721	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	269606	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	152623	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	352354	20.00	ng	0.00
75) Chrysene-d12	22.61	240	326022	20.00	ng	0.00
86) Perylene-d12	26.42	264	321031	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.33	112	562661	148.25	ng	0.00
7) Phenol-d6	8.02	99	702949	132.88	ng	0.00
23) Nitrobenzene-d5	10.12	82	490399	121.42	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	262776	163.75	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	1033806	97.69	ng	0.00
78) Terphenyl-d14	20.77	244	1553228	107.04	ng	0.00

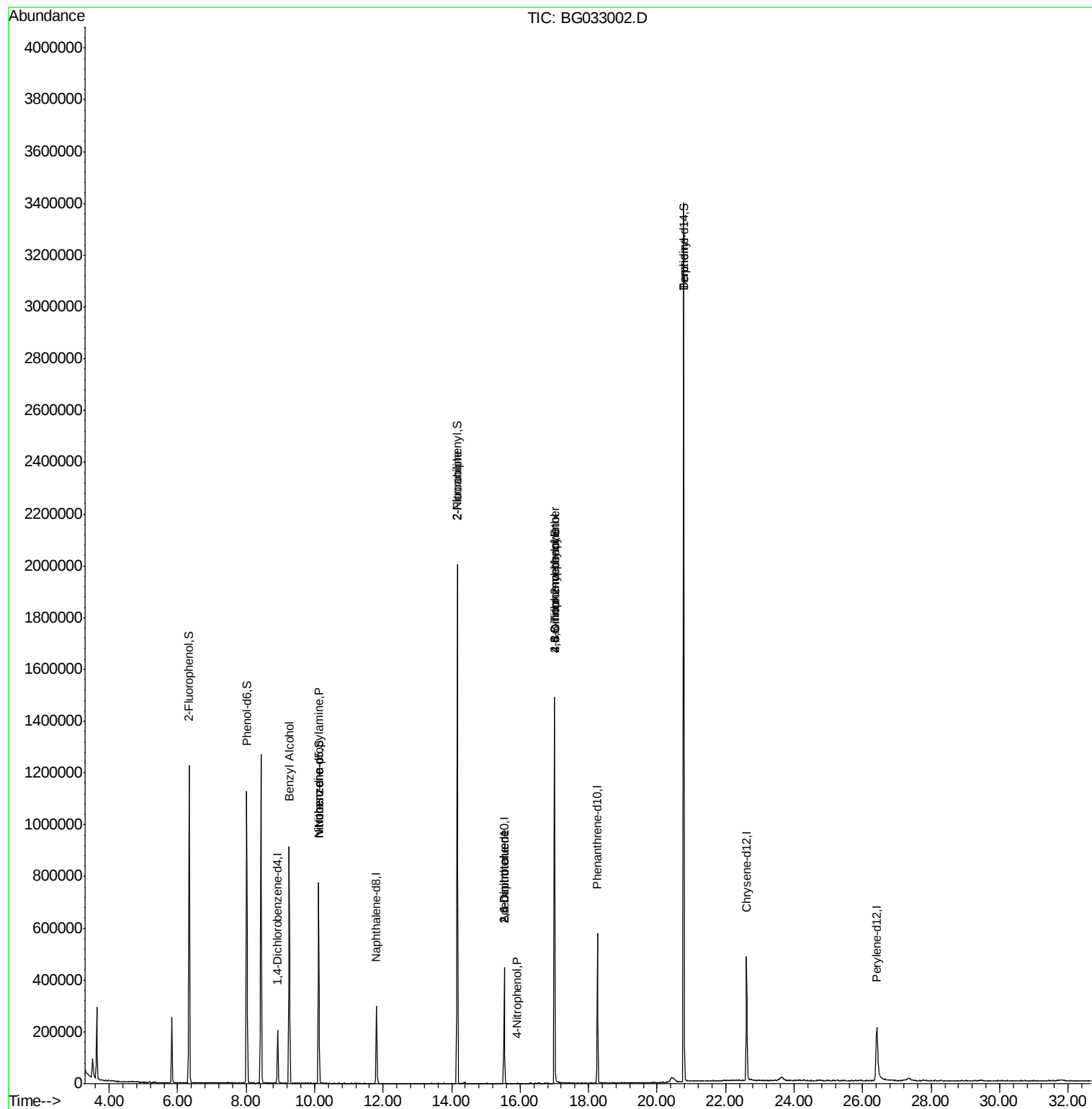
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	9.25	79	7805	2.007	ng	# 41
19) n-Nitroso-di-n-propylamine	10.12	70	64149	17.176	ng	# 83
24) Nitrobenzene	10.12	77	1416	6.666	ng	# 48
47) 2-Nitroaniline	14.16	65	1729	10.383	ng	# 1
50) 2,6-Dinitrotoluene	15.53	165	20292	16.605	ng	# 21
55) 4-Nitrophenol	15.92	139	205	7.169	ng	# 1
56) 2,4-Dinitrotoluene	15.53	165	20292	14.804	ng	# 19
64) 4,6-Dinitro-2-methylphenol	17.00	198	734	5.833	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	19354	5.195	ng	# 1
76) Benzidine	20.77	184	28355	2.552	ng	# 87

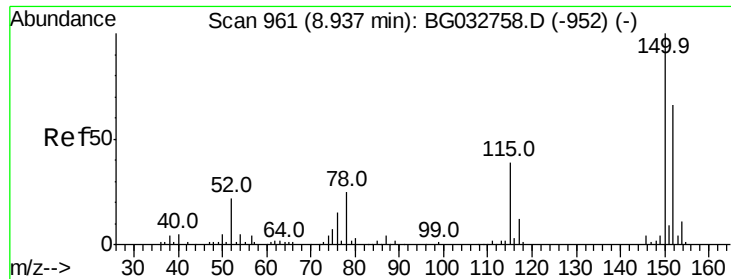
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030518\
Data File : BG033002.D
Acq On : 6 Mar 2018 00:15
Operator : SJ/JU
Sample : J1792-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 06 02:27:13 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
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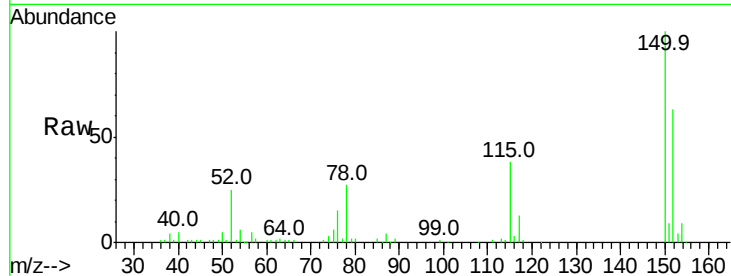


#1

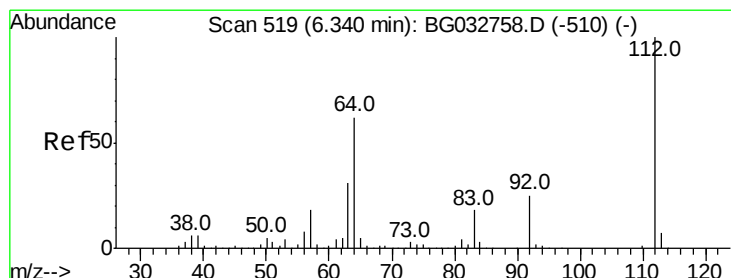
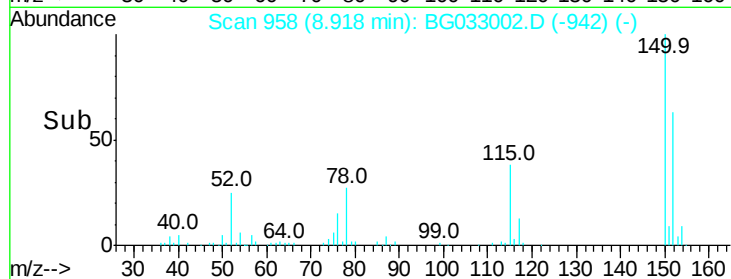
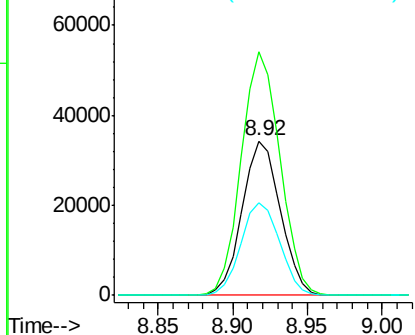
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG033002.D
Acq: 6 Mar 2018 00:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60721
Ion Ratio Lower Upper
152 100
150 157.8 126.6 189.8
115 59.7 53.0 79.4



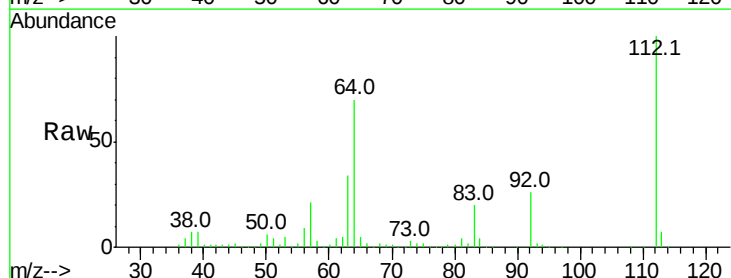
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



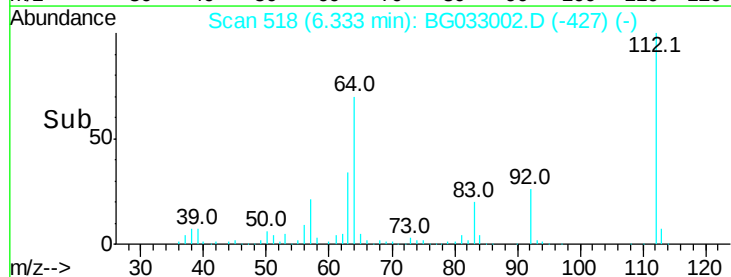
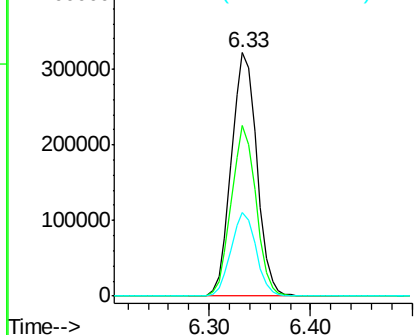
#5

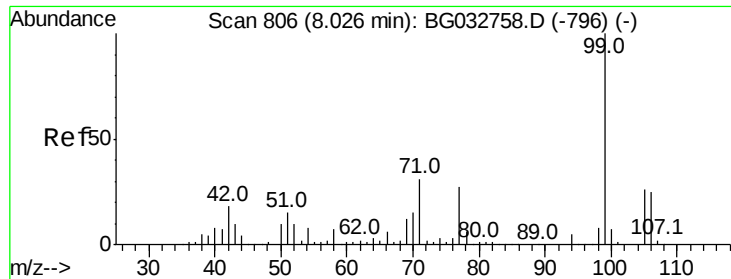
2-Fluorophenol
Concen: 148.248 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.00 min
Lab File: BG033002.D
Acq: 6 Mar 2018 00:15

Tgt Ion:112 Resp: 562661
Ion Ratio Lower Upper
112 100
64 70.3 56.3 84.5
63 34.1 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: 132.876 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG033002.D

Acq: 6 Mar 2018 00:15

Instrument :

BNA_G

ClientSampled :

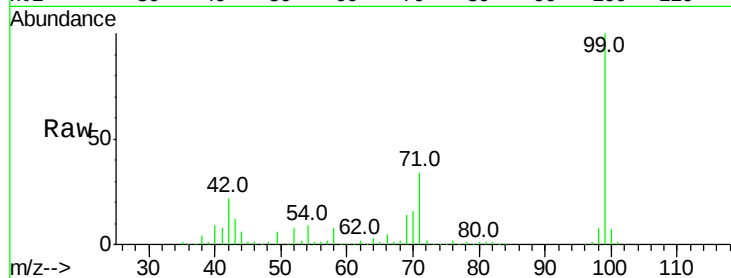
Tot Ion: 99 Resp: 702949

Ion Ratio Lower Upper

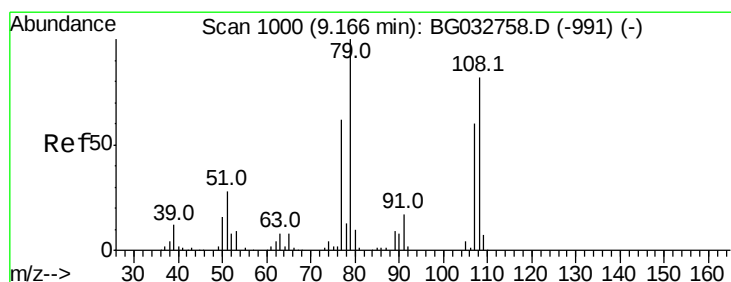
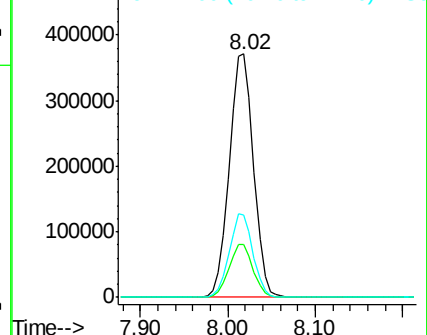
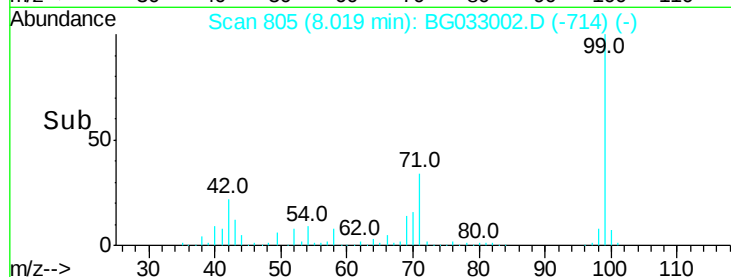
99 100

42 21.7 14.1 21.1#

71 33.7 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: 2.007 ng

RT: 9.25 min Scan# 1015

Delta R.T. 0.10 min

Lab File: BG033002.D

Acq: 6 Mar 2018 00:15

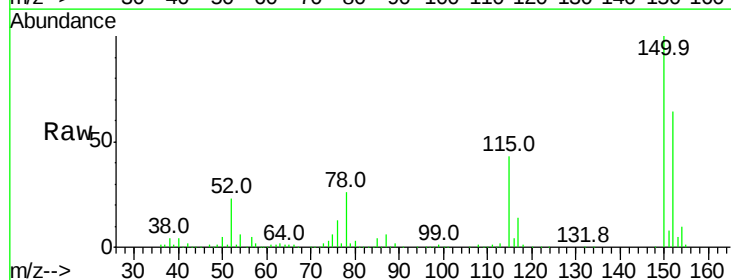
Tgt Ion: 79 Resp: 7805

Ion Ratio Lower Upper

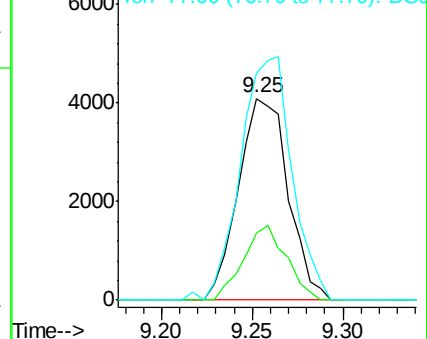
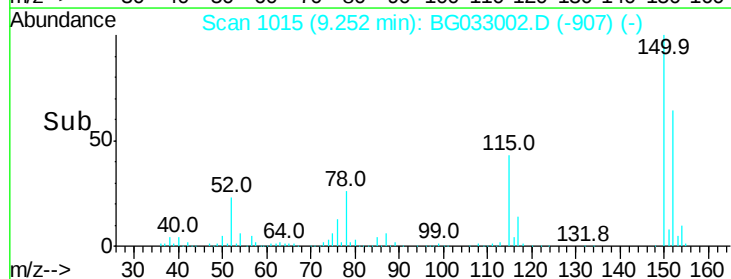
79 100

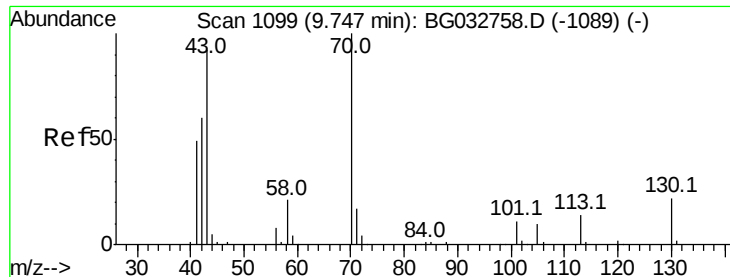
108 32.9 57.2 85.8#

77 112.1 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

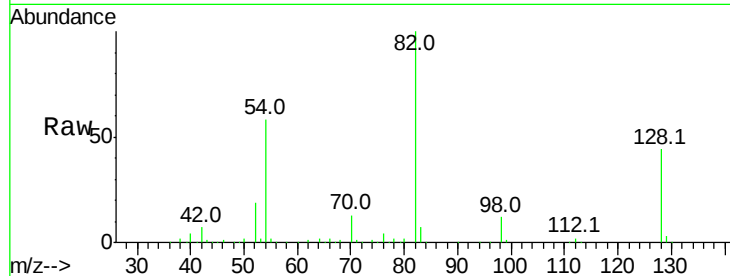




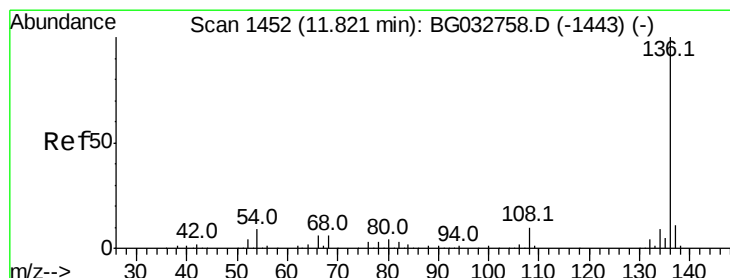
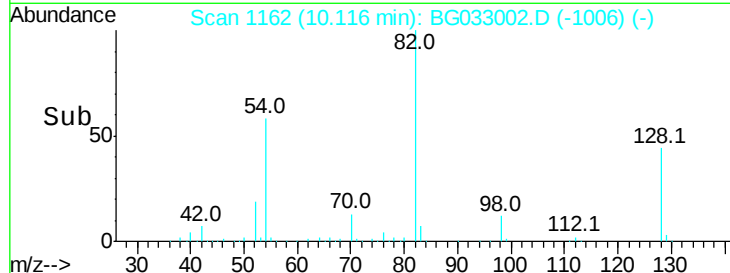
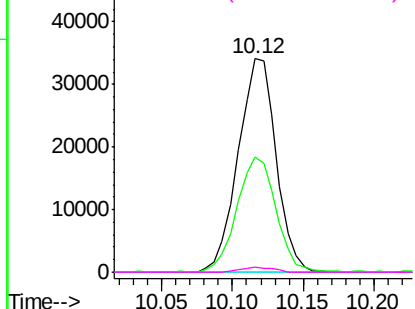
#19
n-Nitroso-di-n-propylamine
Concen: 17.176 ng
RT: 10.12 min Scan# 1162
Delta R.T. 0.38 min
Lab File: BG033002.D
Acq: 6 Mar 2018 00:15

Instrument :
BNA_G
ClientSampled :

Tot Ion: 70 Resp: 64149
Ion Ratio Lower Upper
70 100
42 53.7 49.1 73.7
101 0.0 8.5 12.7#
130 2.3 13.4 20.0#

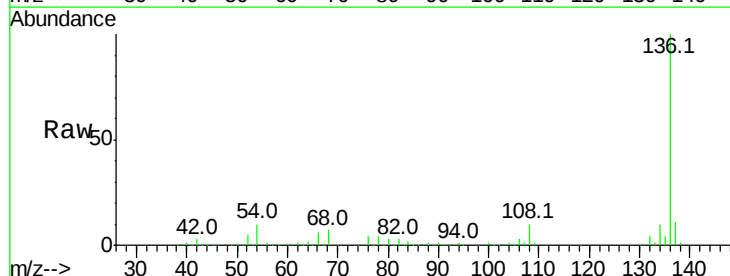


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

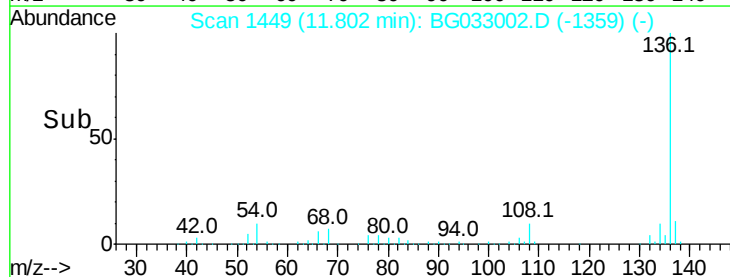
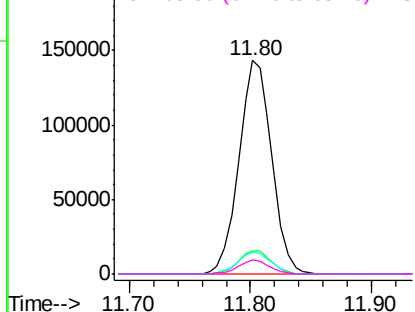


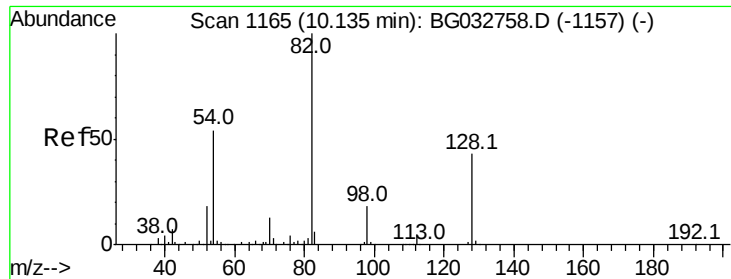
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BG033002.D
Acq: 6 Mar 2018 00:15

Tgt Ion:136 Resp: 269606
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 9.9 10.3 15.5#
68 6.8 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

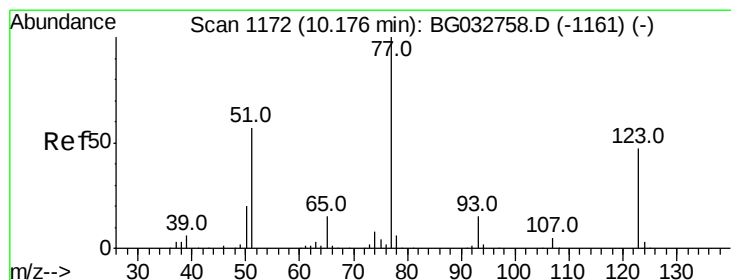
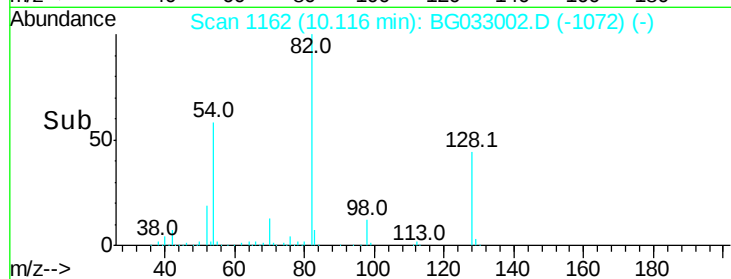
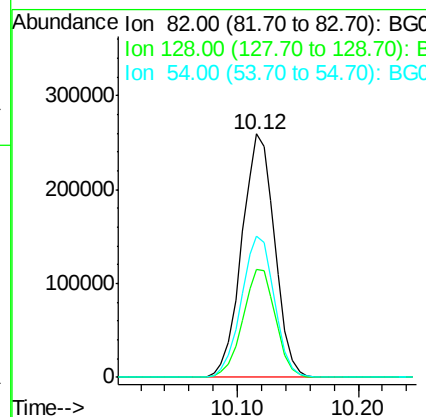
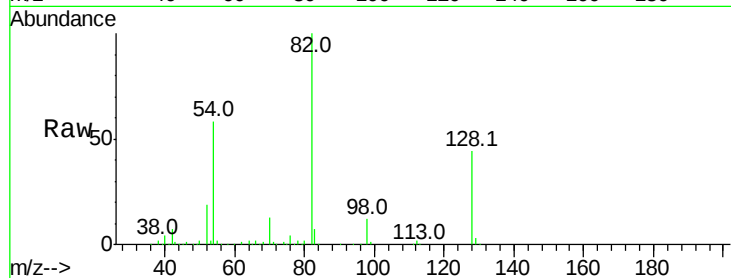




#23
 Nitrobenzene-d5
 Concen: 121.418 ng
 RT: 10.12 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BG033002.D
 Acq: 6 Mar 2018 00:15

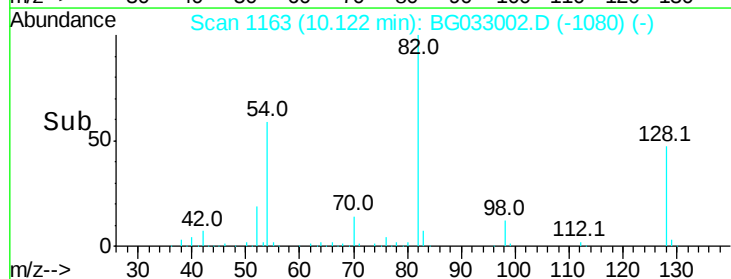
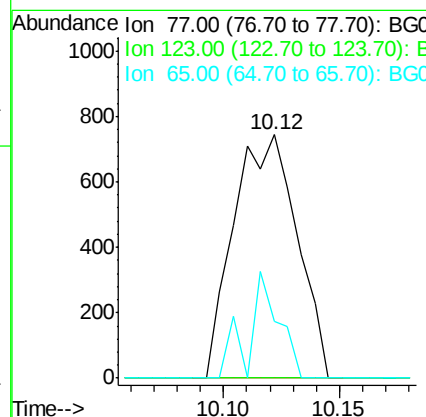
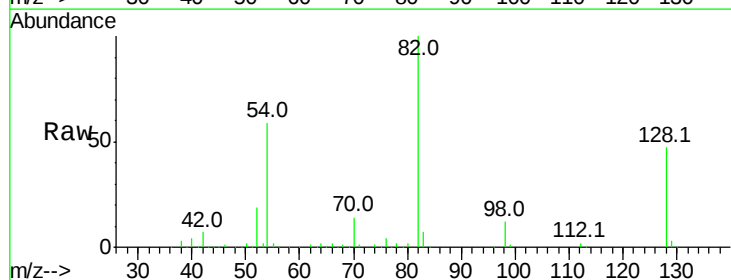
Instrument :
 BNA_G
 ClientSampleId :

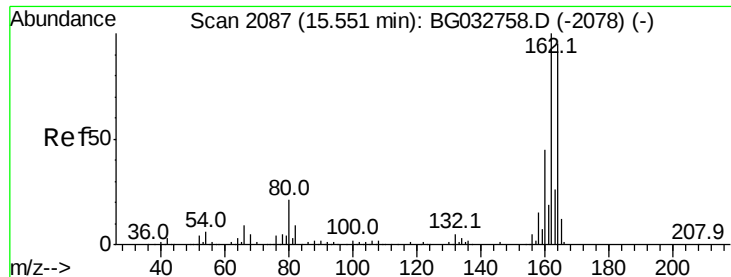
Tot Ion: 82 Resp: 490399
 Ion Ratio Lower Upper
 82 100
 128 44.1 29.7 44.5
 54 57.9 43.1 64.7



#24
 Nitrobenzene
 Concen: 6.666 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.04 min
 Lab File: BG033002.D
 Acq: 6 Mar 2018 00:15

Tgt Ion: 77 Resp: 1416
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 23.5 13.0 19.6#

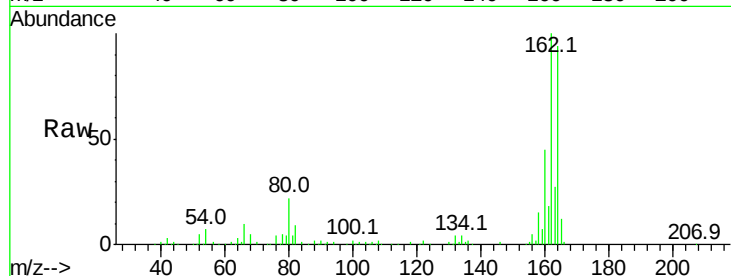




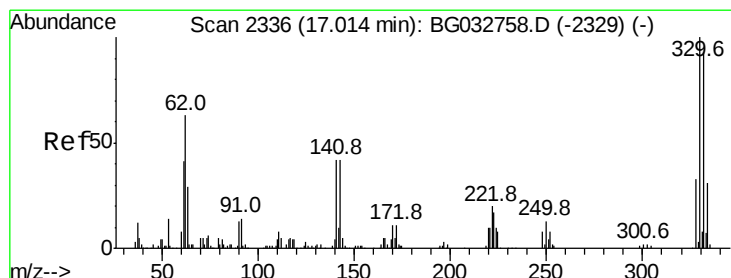
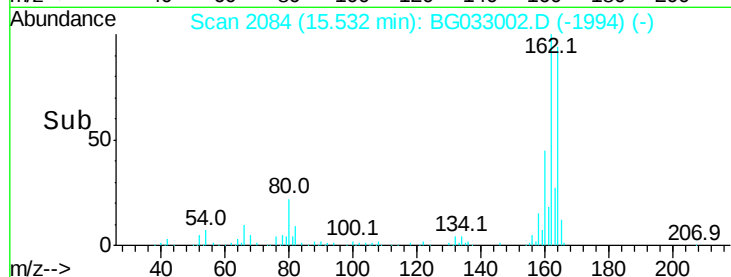
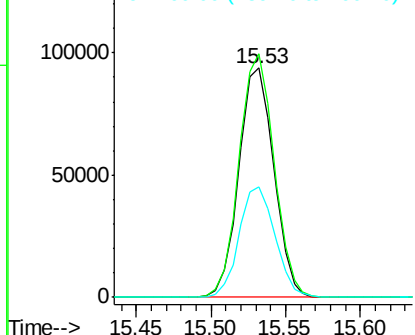
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BG033002.D
Acq: 6 Mar 2018 00:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 152623
Ion Ratio Lower Upper
164 100
162 106.3 78.8 118.2
160 48.0 35.4 53.0

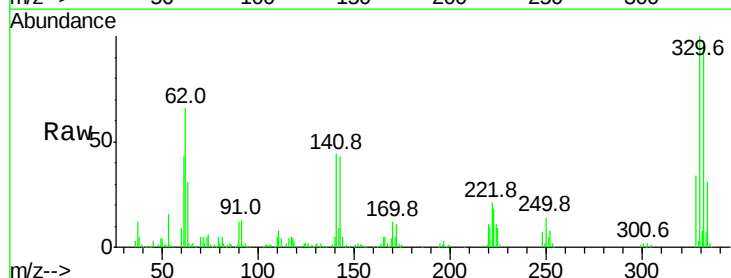


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

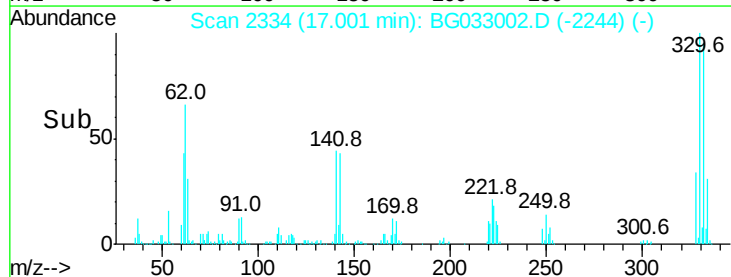
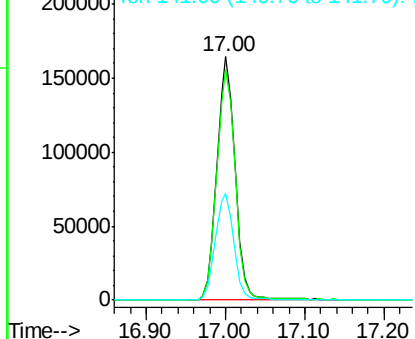


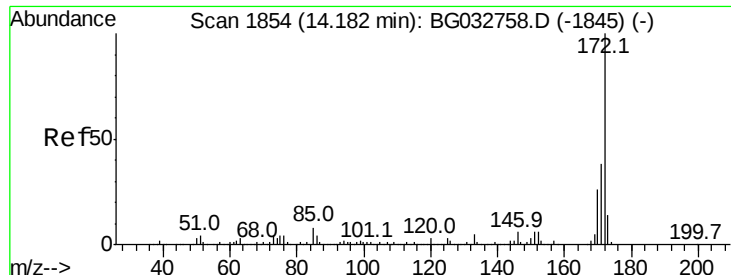
#41
2,4,6-Tribromophenol
Concen: 163.746 ng
RT: 17.00 min Scan# 2334
Delta R.T. -0.00 min
Lab File: BG033002.D
Acq: 6 Mar 2018 00:15

Tgt Ion:330 Resp: 262776
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 44.8 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

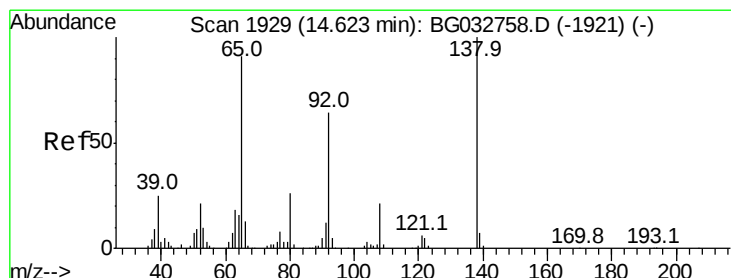
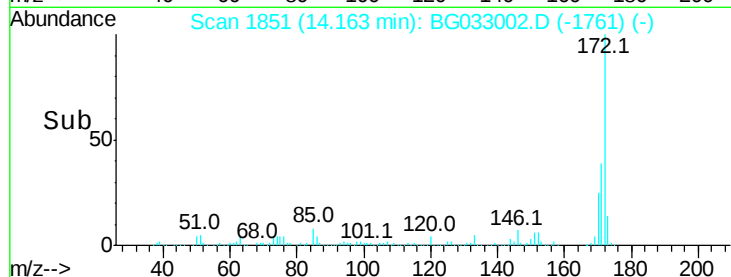
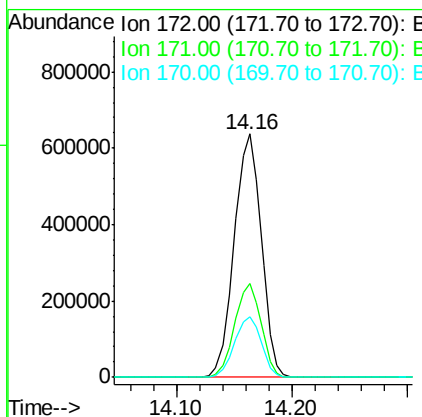
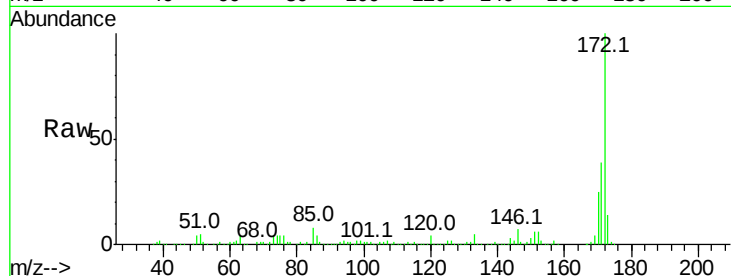




#44
2-Fluorobiphenyl
Concen: 97.692 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BG033002.D
Acq: 6 Mar 2018 00:15

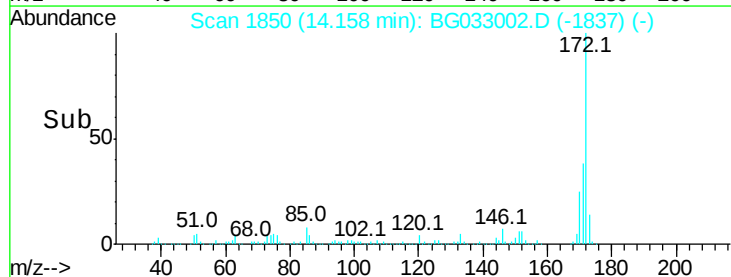
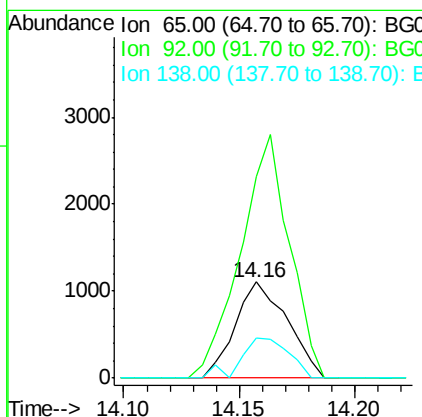
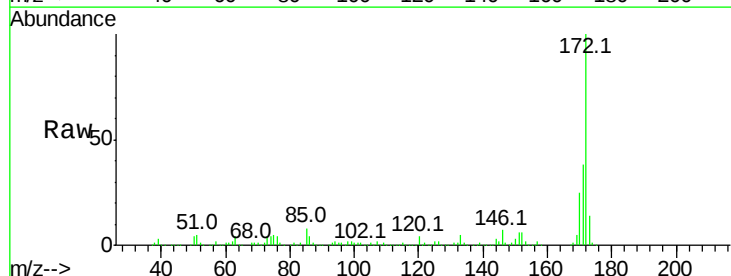
Instrument :
BNA_G
ClientSampleId :

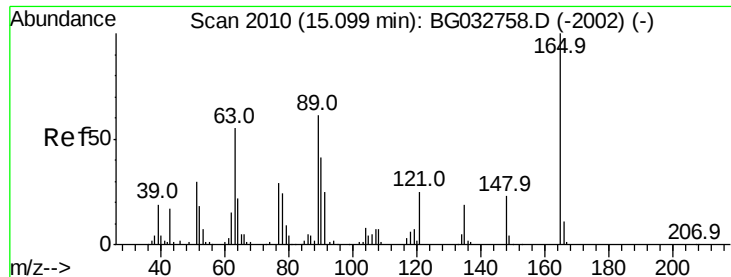
Tot Ion:172 Resp: 1033806
Ion Ratio Lower Upper
172 100
171 38.8 30.0 45.0
170 25.1 19.5 29.3



#47
2-Nitroaniline
Concen: 10.383 ng
RT: 14.16 min Scan# 1850
Delta R.T. -0.46 min
Lab File: BG033002.D
Acq: 6 Mar 2018 00:15

Tgt Ion: 65 Resp: 1729
Ion Ratio Lower Upper
65 100
92 209.1 54.6 82.0#
138 42.1 72.9 109.3#





#50

2,6-Dinitrotoluene

Concen: 16.605 ng

RT: 15.53 min Scan# 2083

Delta R.T. 0.44 min

Lab File: BG033002.D

Acq: 6 Mar 2018 00:15

Instrument :

BNA_G

ClientSampleId :

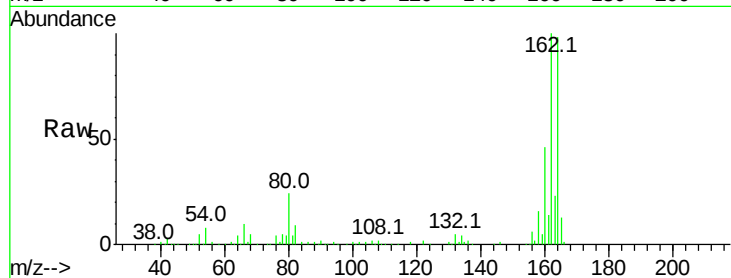
Tot Ion:165 Resp: 20292

Ion Ratio Lower Upper

165 100

63 1.4 52.7 79.1#

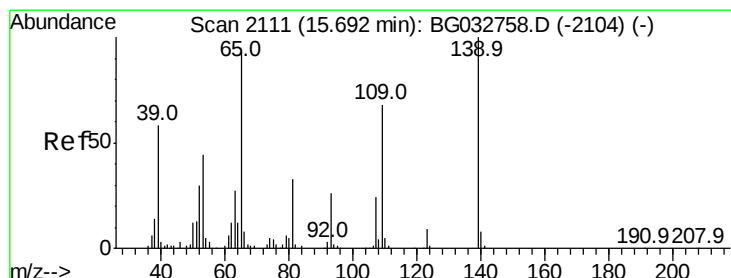
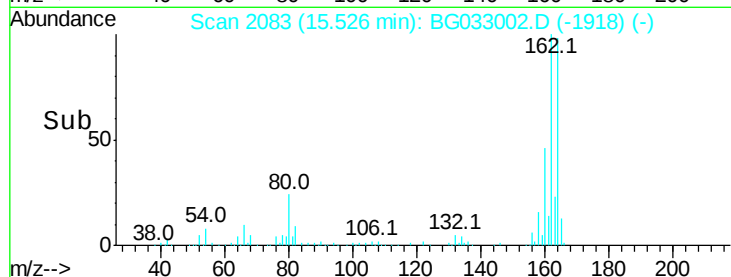
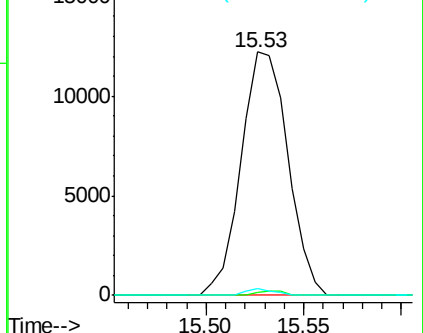
89 2.6 49.2 73.8#



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: 7.169 ng

RT: 15.92 min Scan# 2150

Delta R.T. 0.24 min

Lab File: BG033002.D

Acq: 6 Mar 2018 00:15

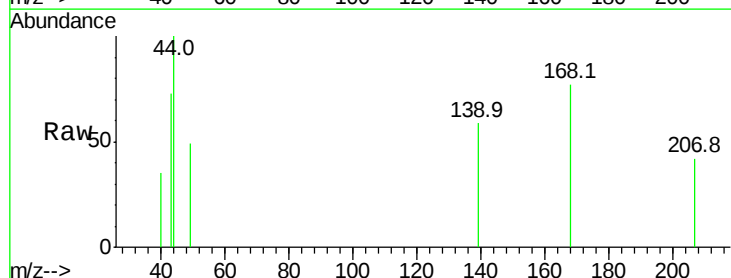
Tgt Ion:139 Resp: 205

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

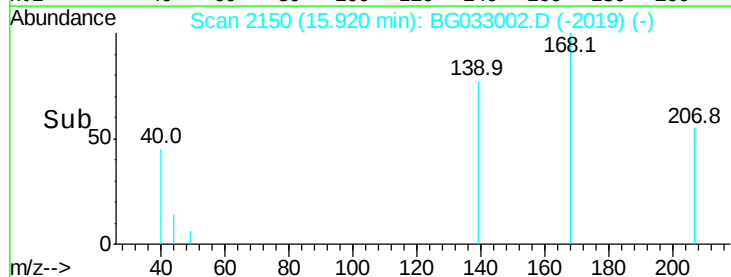
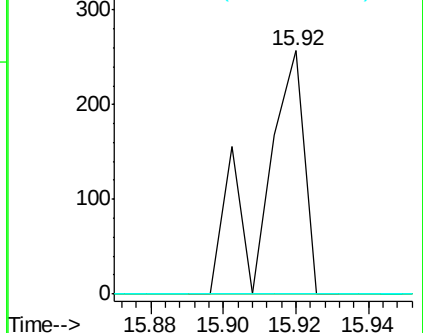
65 0.0 97.2 137.2#

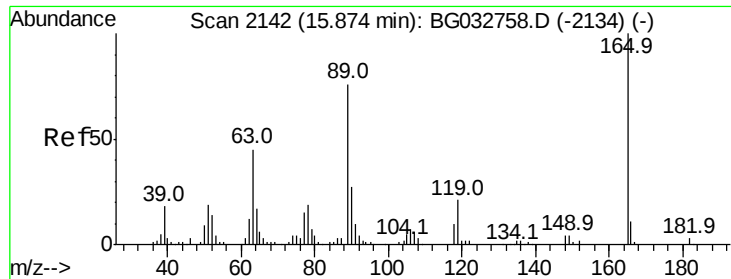


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

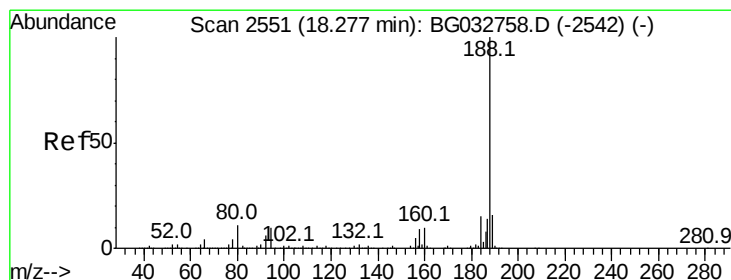
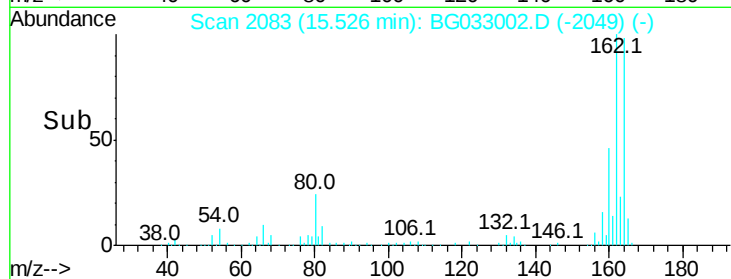
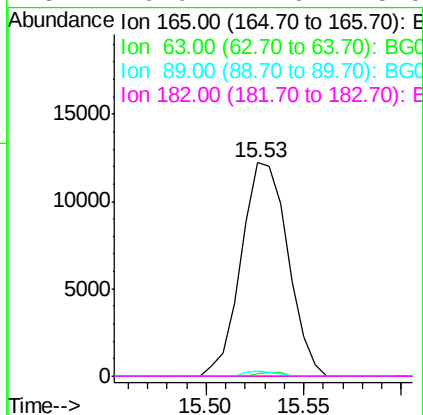
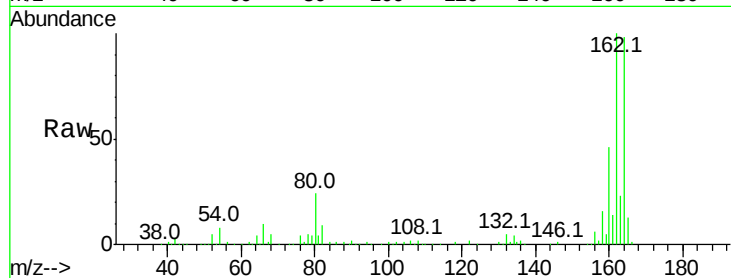




#56
 2,4-Dinitrotoluene
 Concen: 14.804 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. -0.33 min
 Lab File: BG033002.D
 Acq: 6 Mar 2018 00:15

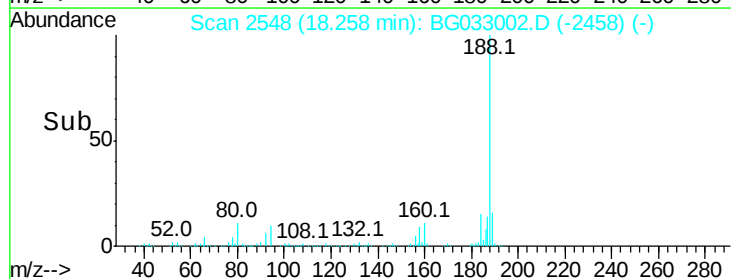
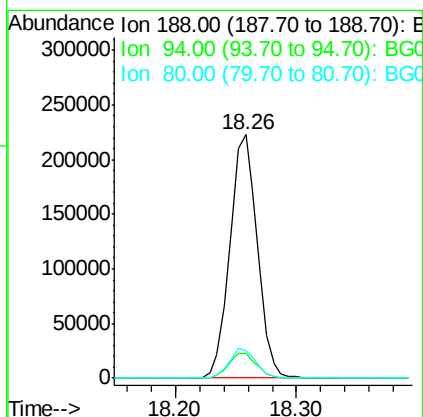
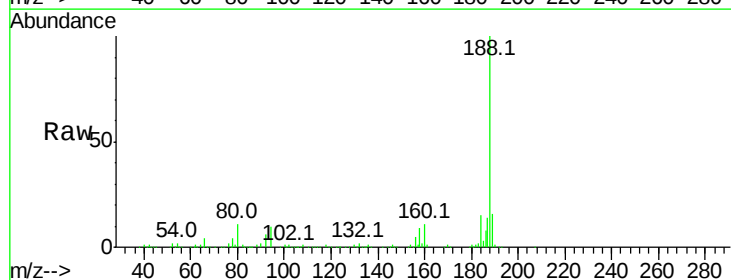
Instrument :
 BNA_G
 ClientSampleId :

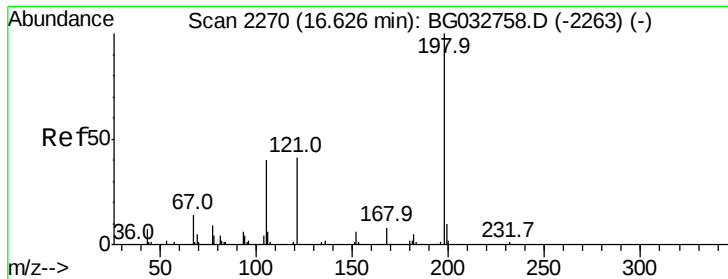
Tot Ion:165	Resp: 20292
Ion Ratio	Lower Upper
165 100	
63 1.4	42.0 63.0#
89 2.6	66.9 100.3#
182 0.0	2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.26 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: BG033002.D
 Acq: 6 Mar 2018 00:15

Tgt	Ion:188	Resp:	352354
Ion	Ratio	Lower	Upper
188	100		
94	10.0	6.9	10.3
80	11.2	7.7	11.5





#64

4,6-Dinitro-2-methylphenol

Concen: 5.833 ng

RT: 17.00 min Scan# 2334

Delta R.T. 0.38 min

Lab File: BG033002.D

Acq: 6 Mar 2018 00:15

Instrument :

BNA_G

ClientSampled :

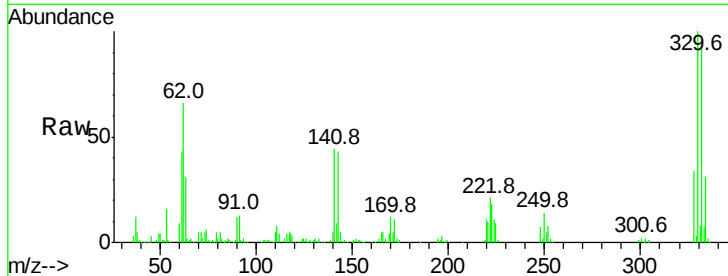
Tot Ion:198 Resp: 734

Ion Ratio Lower Upper

198 100

51 188.0 30.6 70.6#

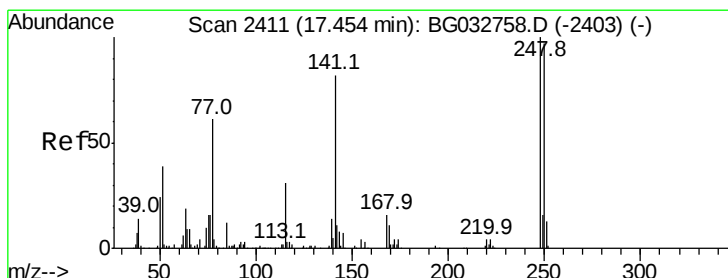
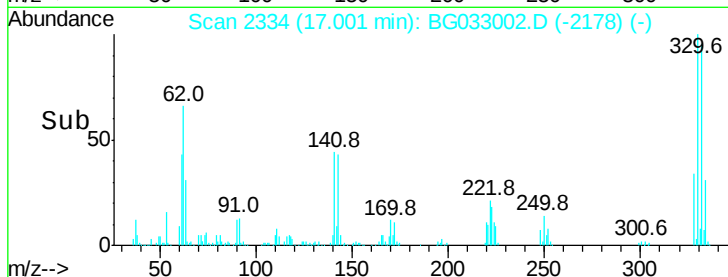
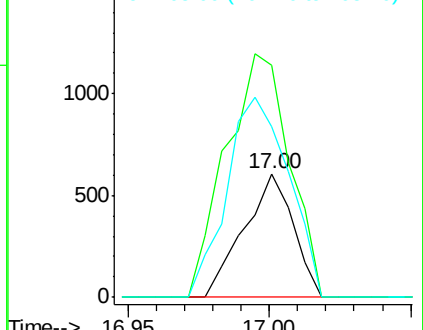
105 138.1 23.8 63.8#



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: 5.195 ng

RT: 17.00 min Scan# 2334

Delta R.T. -0.43 min

Lab File: BG033002.D

Acq: 6 Mar 2018 00:15

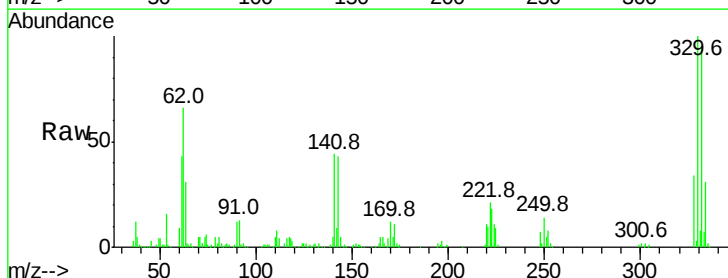
Tgt Ion:248 Resp: 19354

Ion Ratio Lower Upper

248 100

250 191.9 77.1 115.7#

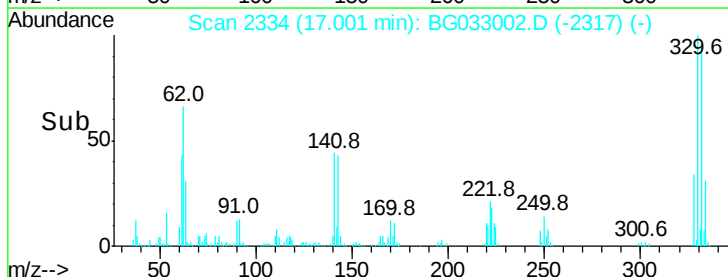
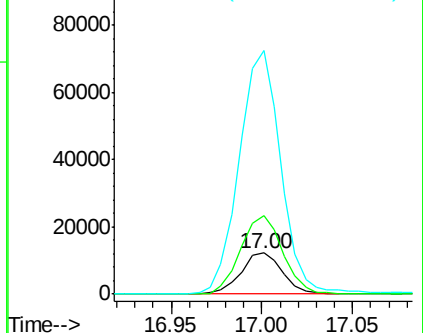
141 594.5 50.8 76.2#

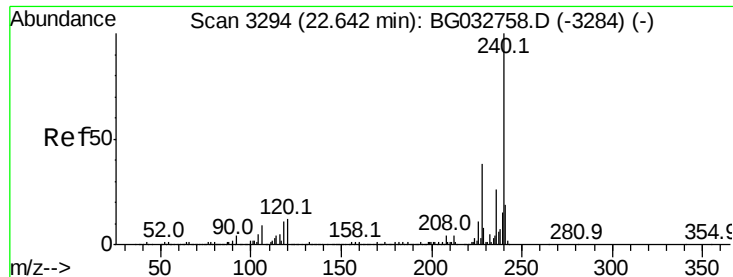


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG033002.D

Acq: 6 Mar 2018 00:15

Instrument :

BNA_G

ClientSampleId :

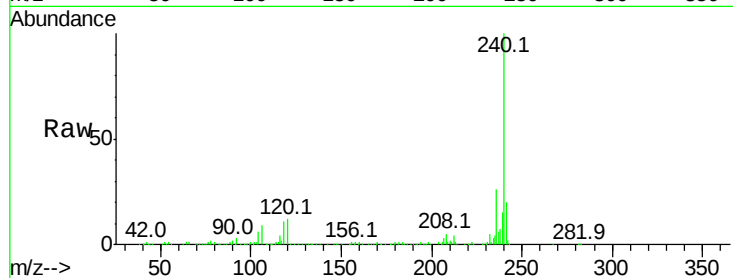
Tot Ion:240 Resp: 326022

Ion Ratio Lower Upper

240 100

120 12.3 6.8 10.2#

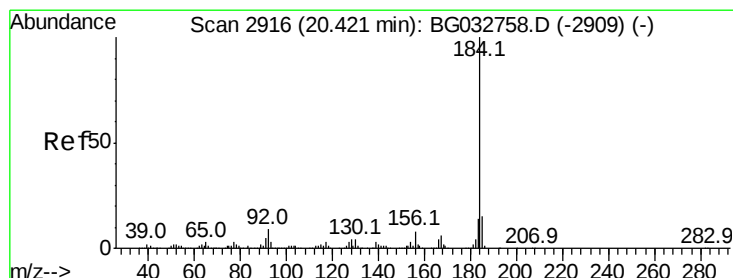
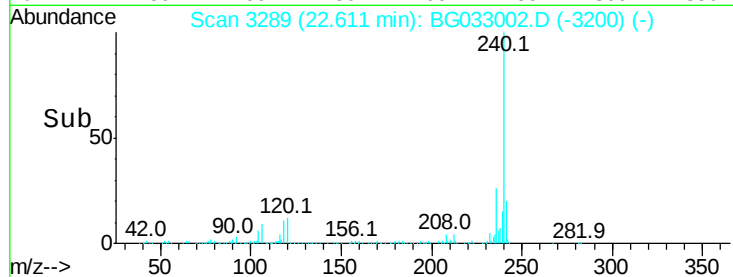
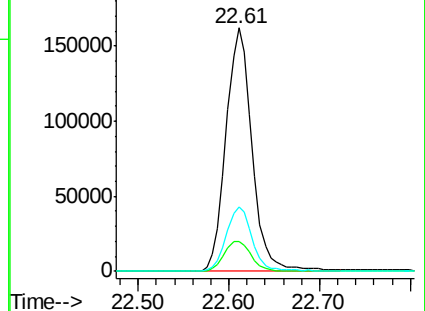
236 26.3 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.552 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.36 min

Lab File: BG033002.D

Acq: 6 Mar 2018 00:15

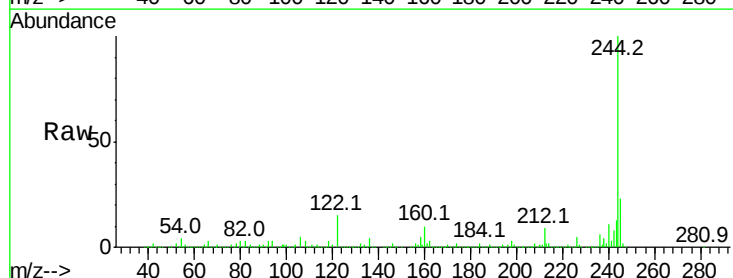
Tgt Ion:184 Resp: 28355

Ion Ratio Lower Upper

184 100

185 18.0 11.1 16.7#

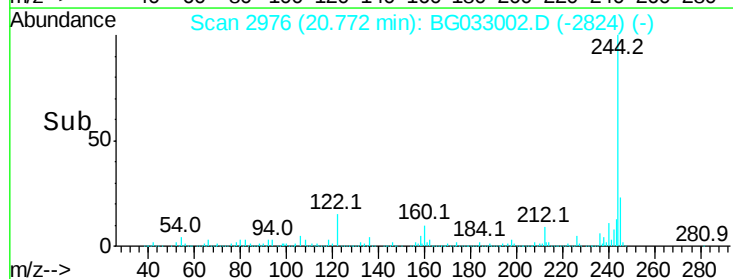
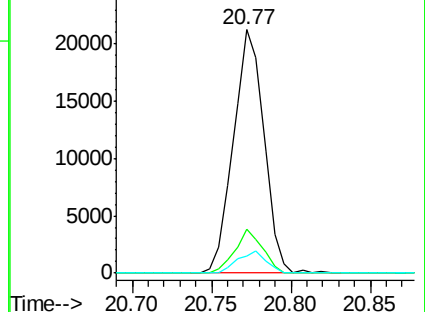
183 6.8 10.6 16.0#

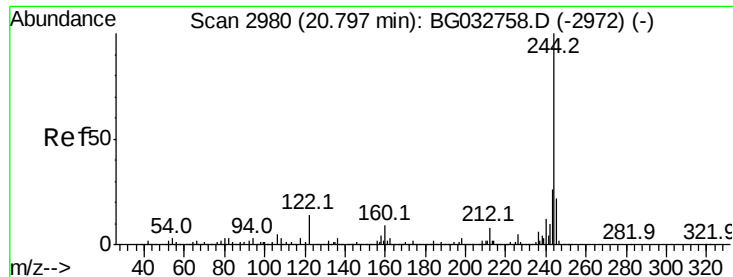


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



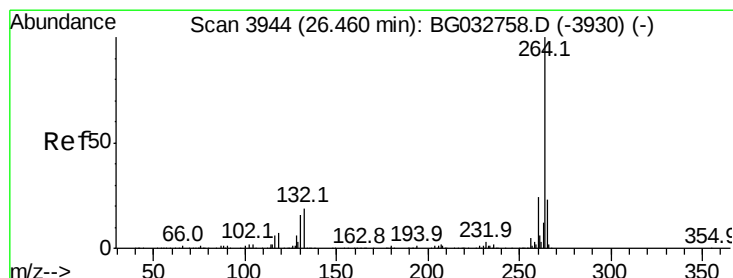
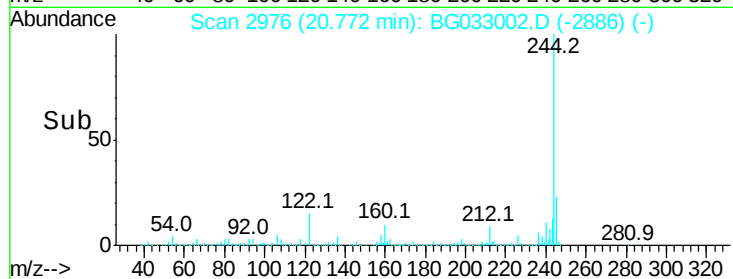
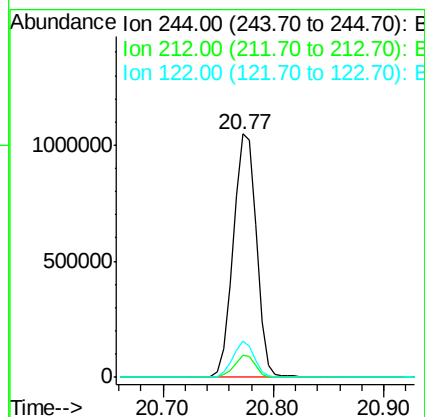
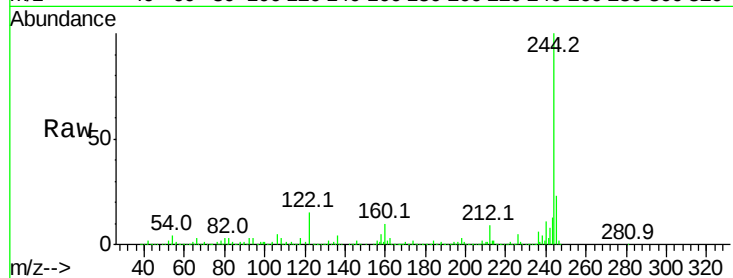


#78
 Terphenyl-d14
 Concen: 107.038 ng
 RT: 20.77 min Scan# 2976
 Delta R.T. -0.00 min
 Lab File: BG033002.D
 Acq: 6 Mar 2018 00:15

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1553228

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	14.7	7.0	10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.42 min Scan# 3937
 Delta R.T. -0.01 min
 Lab File: BG033002.D
 Acq: 6 Mar 2018 00:15

Tgt Ion:264 Resp: 321031

Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	22.1	17.7	26.5

