

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030218\
 Data File : BG032951.D
 Acq On : 2 Mar 2018 18:32
 Operator : SJ/JU
 Sample : J1774-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 02 23:33:22 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	57242	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	254872	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	147022	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	334816	20.00	ng	0.00
75) Chrysene-d12	22.61	240	315791	20.00	ng	0.00
86) Perylene-d12	26.43	264	310531	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.33	112	517664	144.68	ng	0.00
7) Phenol-d6	8.01	99	697965	139.95	ng	0.00
23) Nitrobenzene-d5	10.12	82	415343	109.81	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	220582	142.69	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	891707	87.47	ng	0.00
78) Terphenyl-d14	20.78	244	1256472	89.39	ng	0.00

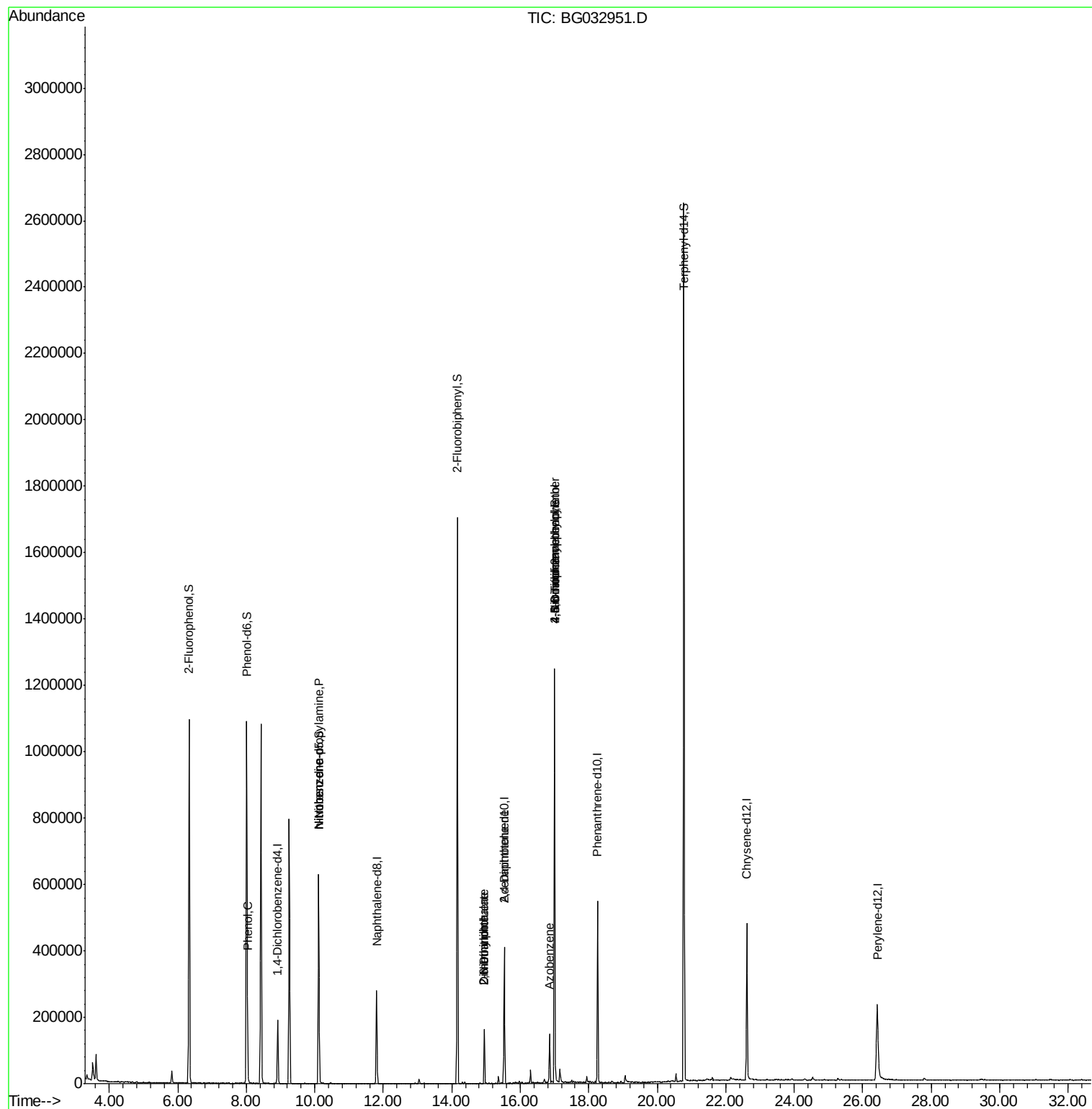
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	8.04	94	29095	5.787	ng	98
19) n-Nitroso-di-n-propylamine	10.11	70	52337	14.865	ng	# 86
24) Nitrobenzene	10.11	77	1385	6.676	ng	# 42
47) 2-Nitroaniline	14.95	65	905	10.133	ng	# 1
49) Dimethylphthalate	14.95	163	112078	8.978	ng	100
50) 2,6-Dinitrotoluene	14.95	165	986	9.287	ng	# 1
56) 2,4-Dinitrotoluene	15.53	165	18987	14.582	ng	# 17
61) 4-Nitroaniline	17.00	138	120	5.339	ng	# 1
62) Azobenzene	16.86	77	43875	3.725	ng	# 1
64) 4,6-Dinitro-2-methylphenol	17.00	198	673	5.802	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	16304	4.605	ng	# 1

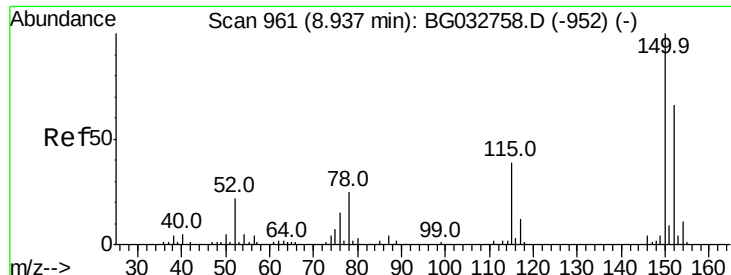
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030218\
Data File : BG032951.D
Acq On : 2 Mar 2018 18:32
Operator : SJ/JU
Sample : J1774-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 02 23:33:22 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



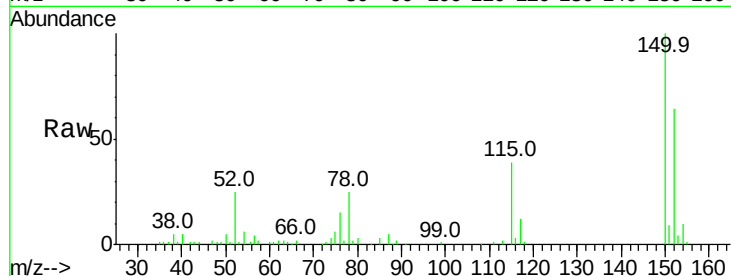


#1

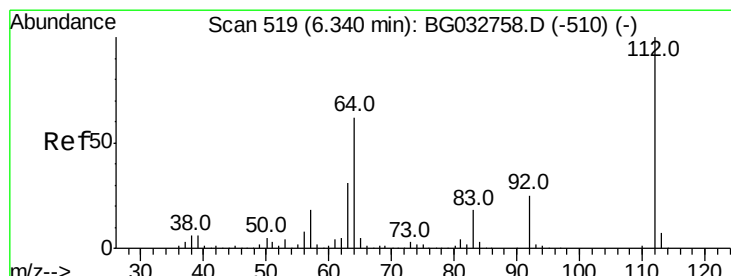
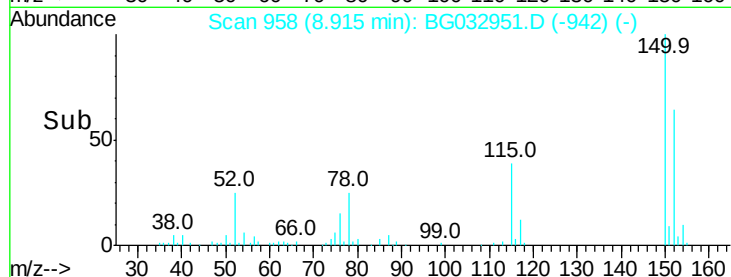
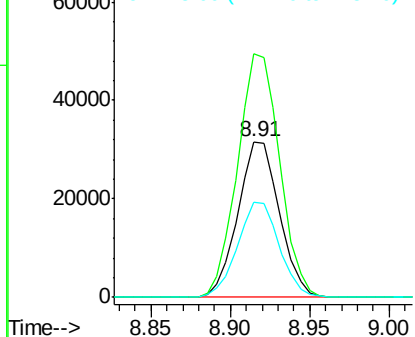
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG032951.D
Acq: 2 Mar 2018 18:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 57242
Ion Ratio Lower Upper
152 100
150 156.1 126.6 189.8
115 61.1 53.0 79.4



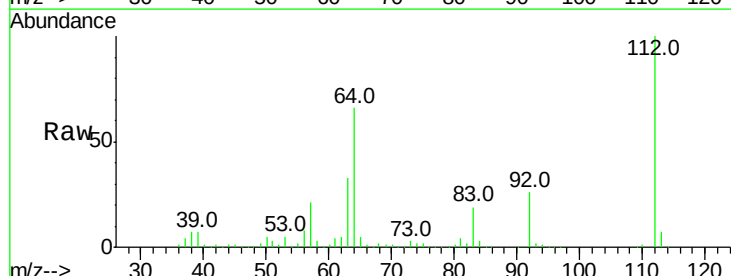
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



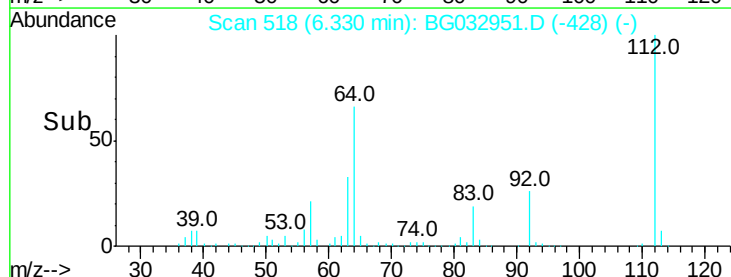
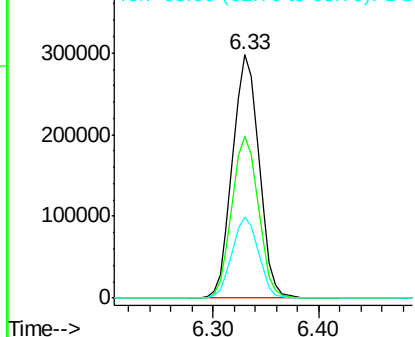
#5

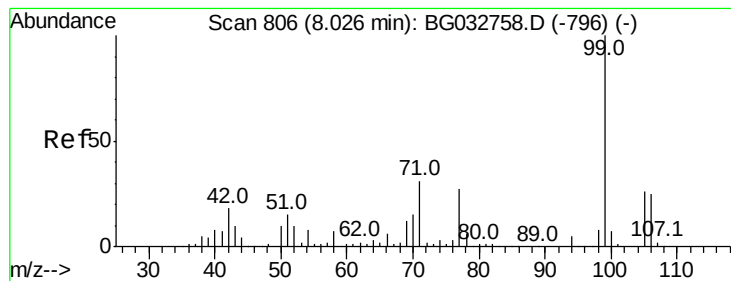
2-Fluorophenol
Concen: 144.682 ng
RT: 6.33 min Scan# 518
Delta R.T. -0.00 min
Lab File: BG032951.D
Acq: 2 Mar 2018 18:32

Tgt Ion:112 Resp: 517664
Ion Ratio Lower Upper
112 100
64 66.2 56.3 84.5
63 33.0 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: 139.952 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG032951.D

Acq: 2 Mar 2018 18:32

Instrument :

BNA_G

ClientSampled :

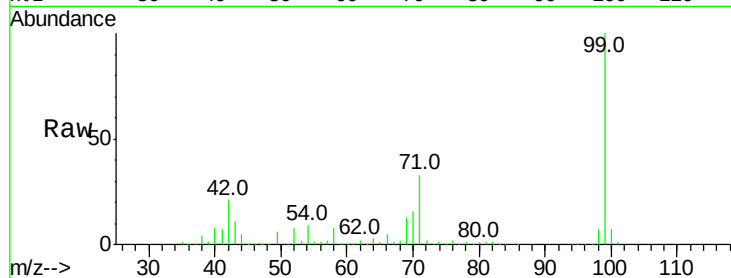
Tot Ion: 99 Resp: 697965

Ion Ratio Lower Upper

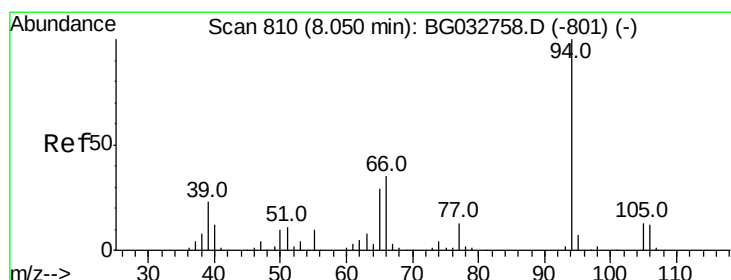
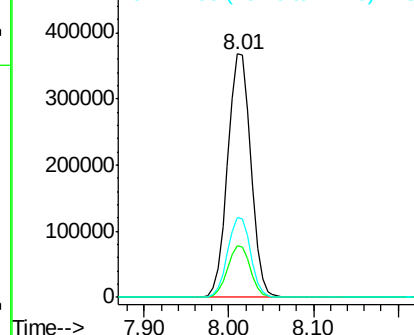
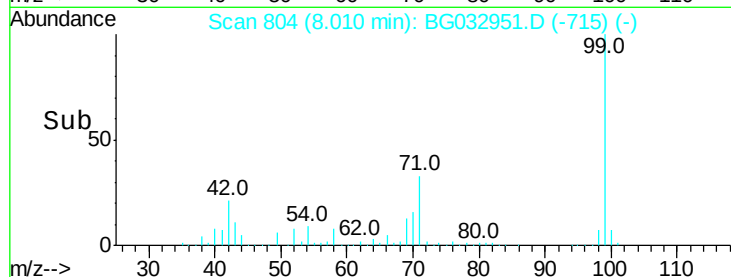
99 100

42 21.1 14.1 21.1#

71 32.6 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 5.787 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.00 min

Lab File: BG032951.D

Acq: 2 Mar 2018 18:32

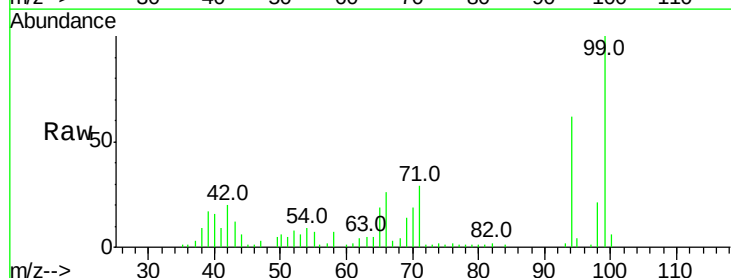
Tgt Ion: 94 Resp: 29095

Ion Ratio Lower Upper

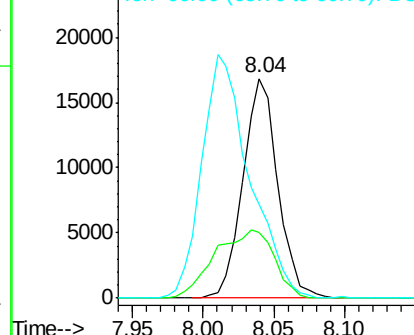
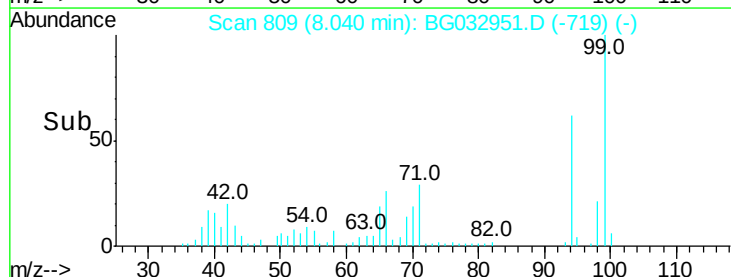
94 100

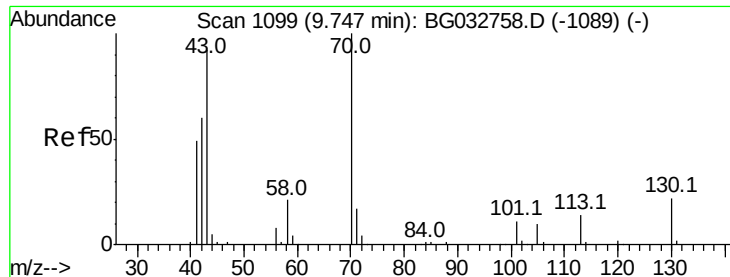
65 30.1 11.9 51.9

66 42.5 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

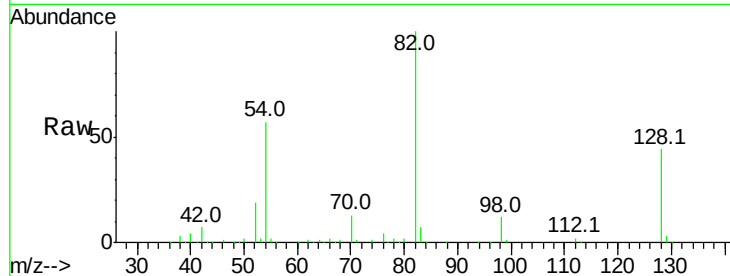




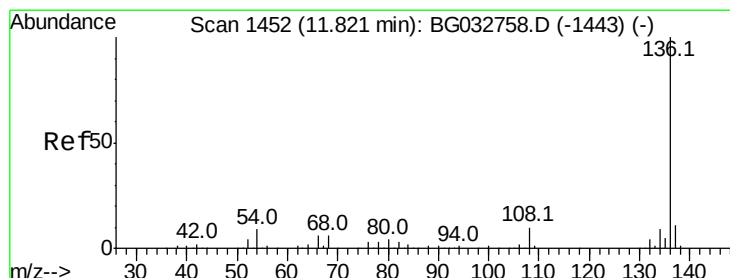
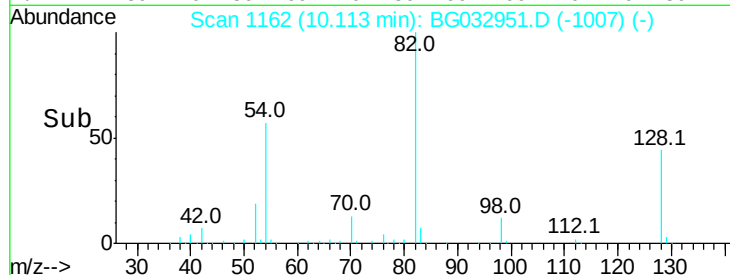
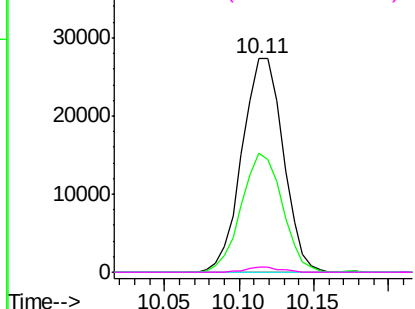
#19
n-Nitroso-di-n-propylamine
Concen: 14.865 ng
RT: 10.11 min Scan# 1162
Delta R.T. 0.38 min
Lab File: BG032951.D
Acq: 2 Mar 2018 18:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 52337
Ion Ratio Lower Upper
70 100
42 56.0 49.1 73.7
101 0.0 8.5 12.7#
130 2.5 13.4 20.0#

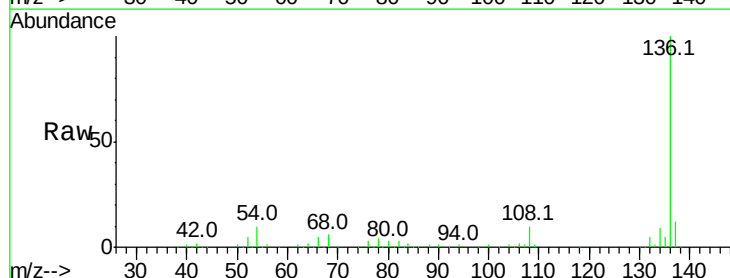


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

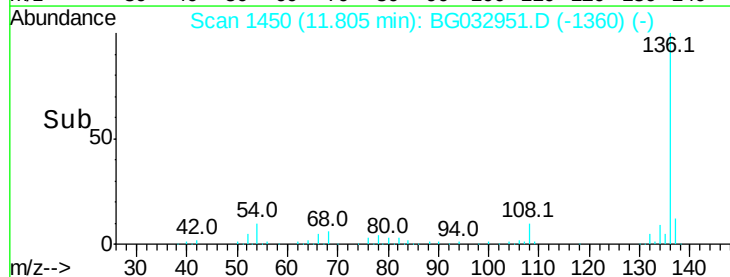
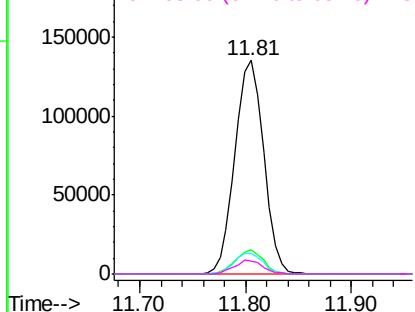


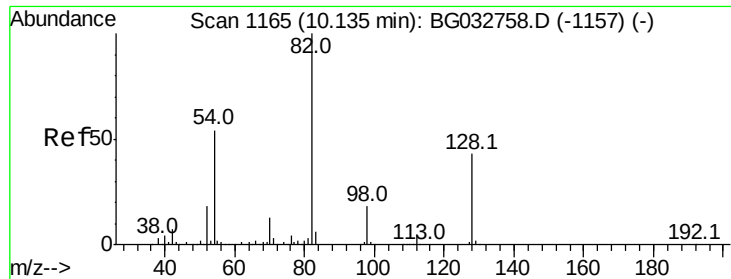
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BG032951.D
Acq: 2 Mar 2018 18:32

Tgt Ion: 136 Resp: 254872
Ion Ratio Lower Upper
136 100
137 11.6 9.2 13.8
54 9.9 10.3 15.5#
68 6.0 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

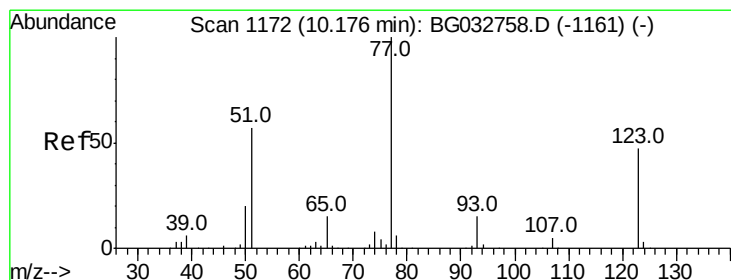
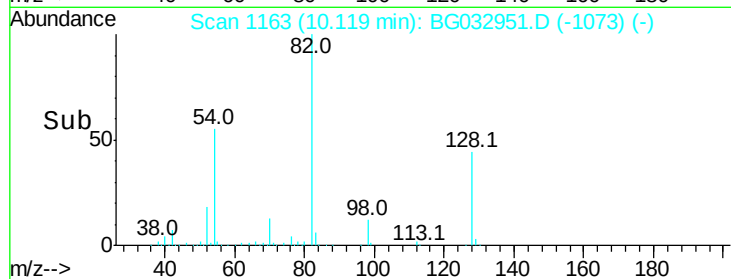
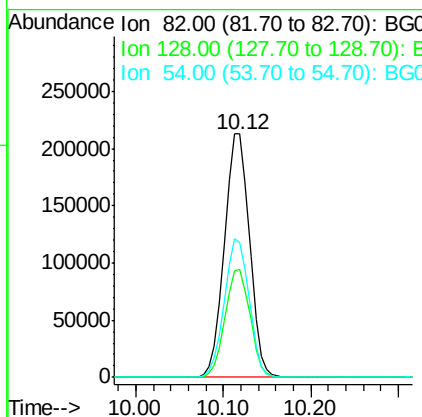
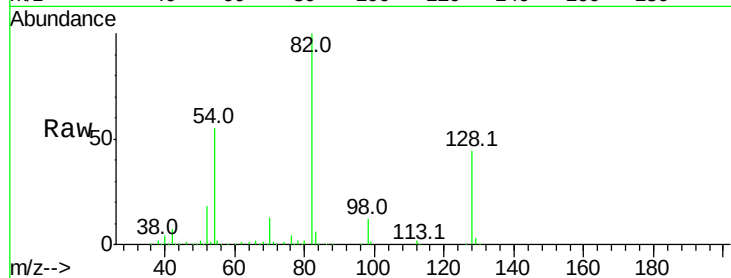




#23
 Nitrobenzene-d5
 Concen: 109.812 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BG032951.D
 Acq: 2 Mar 2018 18:32

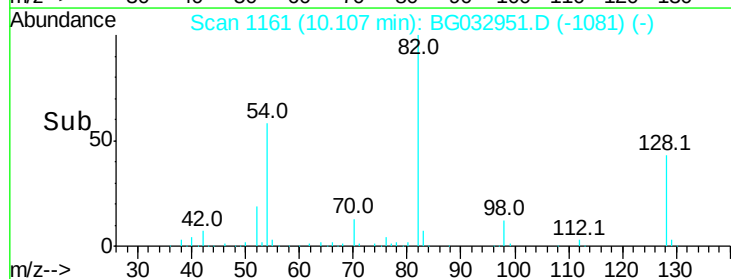
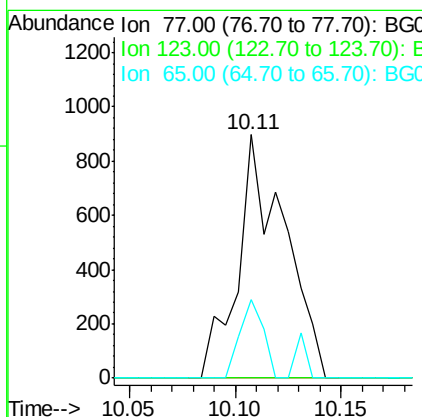
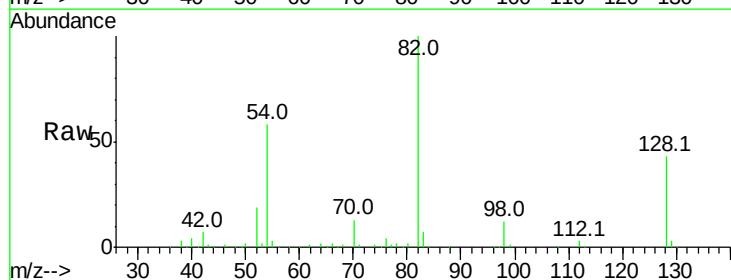
Instrument :
 BNA_G
 ClientSampled :

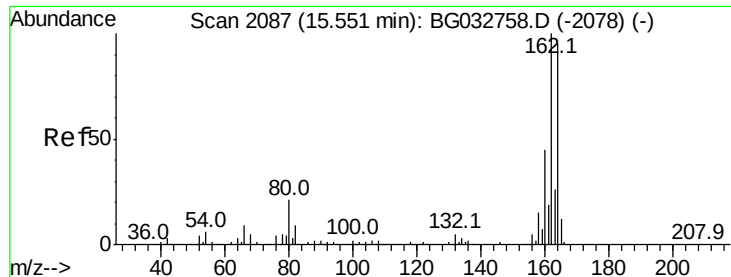
Tot Ion: 82 Resp: 415343
 Ion Ratio Lower Upper
 82 100
 128 44.4 29.7 44.5
 54 55.4 43.1 64.7



#24
 Nitrobenzene
 Concen: 6.676 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.06 min
 Lab File: BG032951.D
 Acq: 2 Mar 2018 18:32

Tgt Ion: 77 Resp: 1385
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 32.1 13.0 19.6#

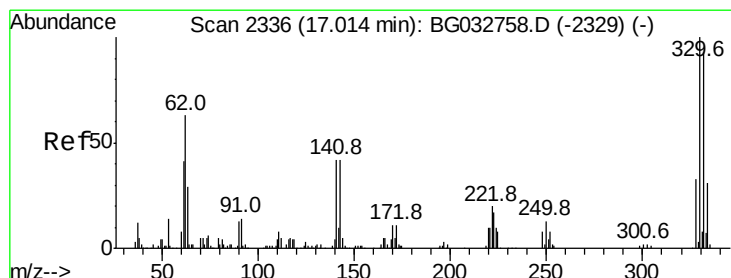
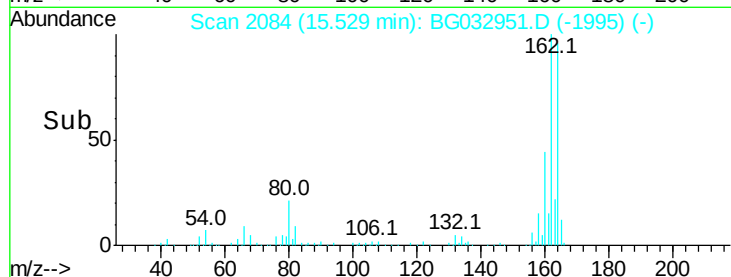
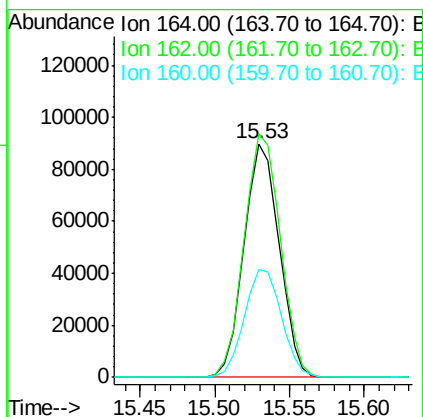
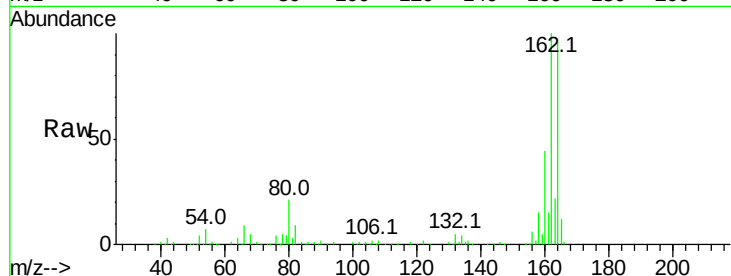




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BG032951.D
 Acq: 2 Mar 2018 18:32

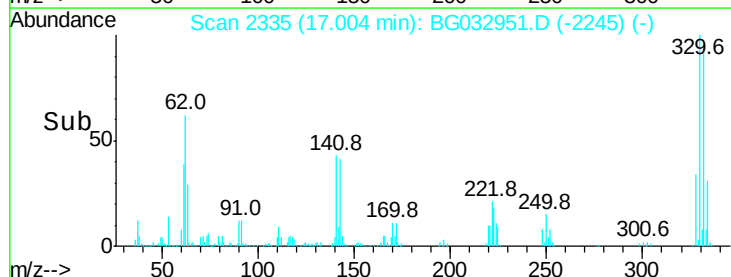
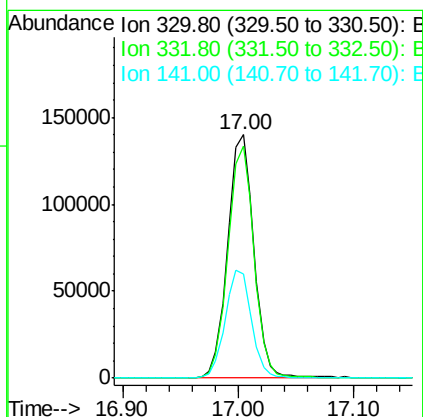
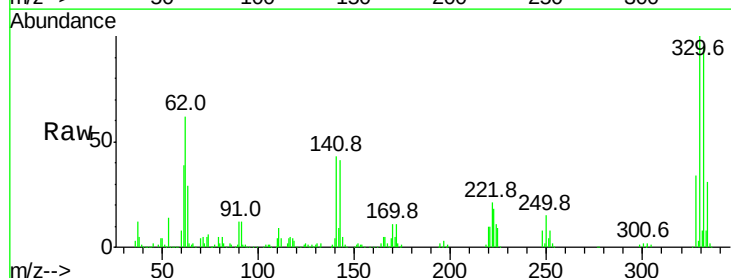
Instrument :
 BNA_G
 ClientSampleId :

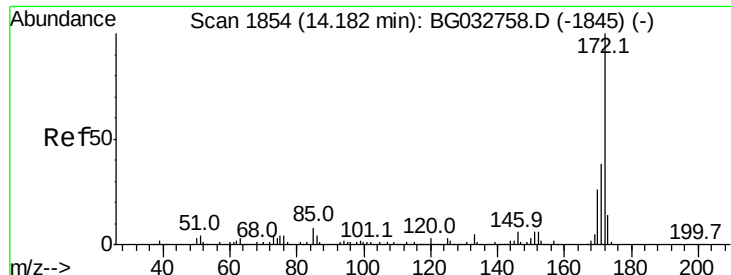
Tot Ion:164 Resp: 147022
 Ion Ratio Lower Upper
 164 100
 162 104.1 78.8 118.2
 160 46.0 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 142.690 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. -0.00 min
 Lab File: BG032951.D
 Acq: 2 Mar 2018 18:32

Tgt Ion:330 Resp: 220582
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 44.7 25.2 37.8#

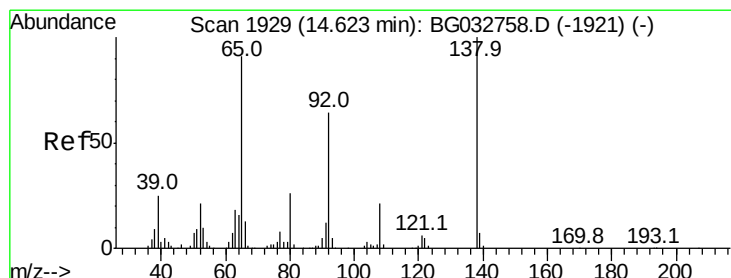
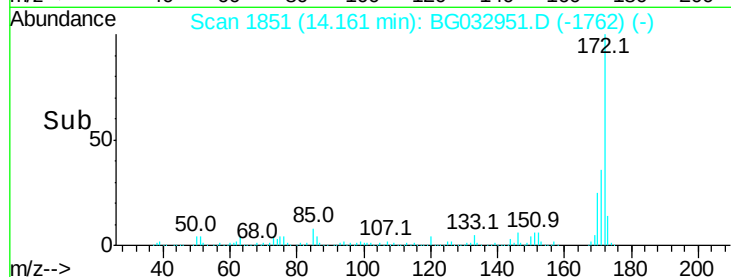
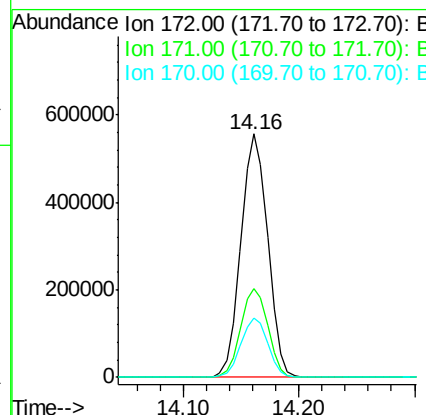
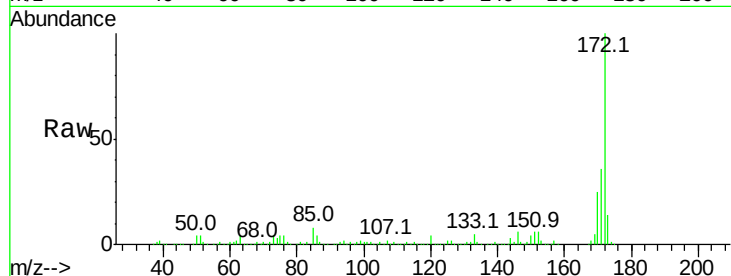




#44
2-Fluorobiphenyl
Concen: 87.474 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG032951.D
Acq: 2 Mar 2018 18:32

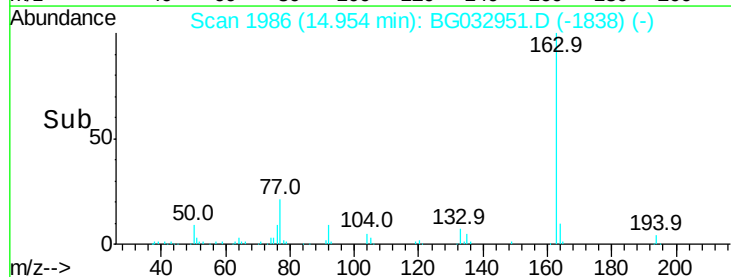
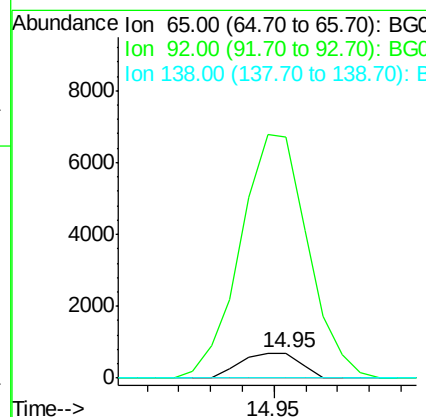
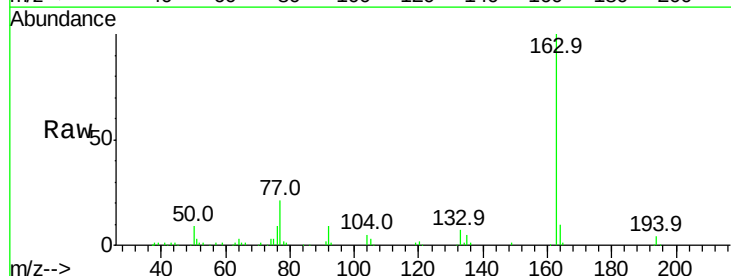
Instrument :
BNA_G
ClientSampleId :

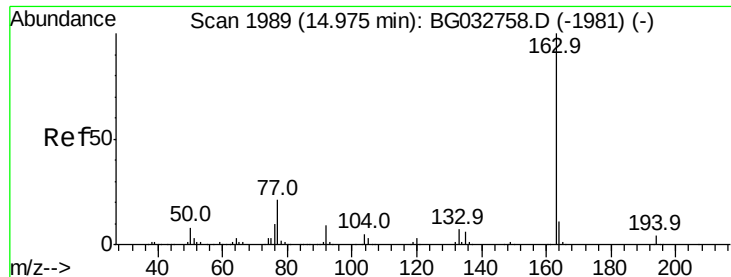
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.0	45.0
170	24.6	19.5	29.3



#47
2-Nitroaniline
Concen: 10.133 ng
RT: 14.95 min Scan# 1986
Delta R.T. 0.34 min
Lab File: BG032951.D
Acq: 2 Mar 2018 18:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	954.5	54.6	82.0#
138	0.0	72.9	109.3#





#49

Dimethylphthalate

Concen: 8.978 ng

RT: 14.95 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG032951.D

Acq: 2 Mar 2018 18:32

Instrument :

BNA_G

ClientSampled :

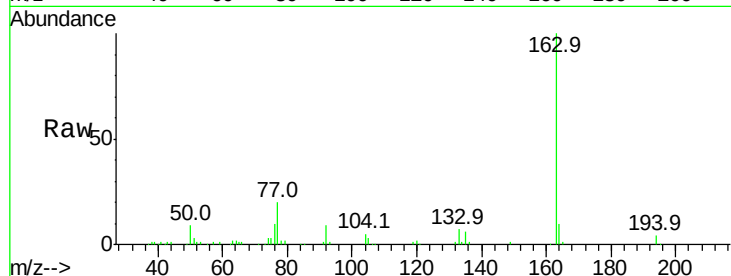
Tot Ion:163 Resp: 112078

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

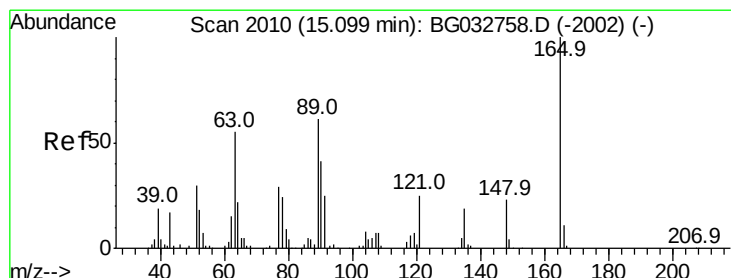
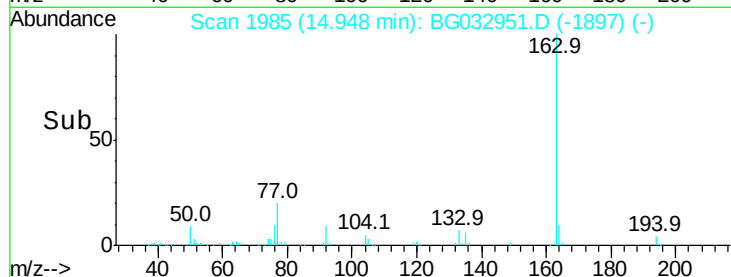
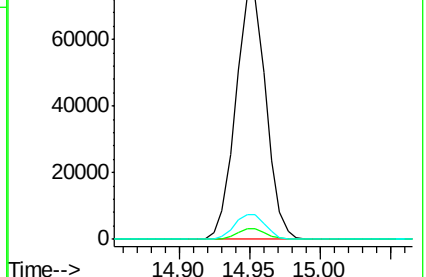
164 10.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 9.287 ng

RT: 14.95 min Scan# 1985

Delta R.T. -0.14 min

Lab File: BG032951.D

Acq: 2 Mar 2018 18:32

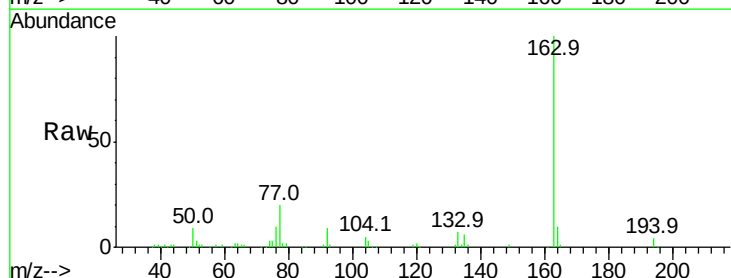
Tgt Ion:165 Resp: 986

Ion Ratio Lower Upper

165 100

63 160.4 52.7 79.1#

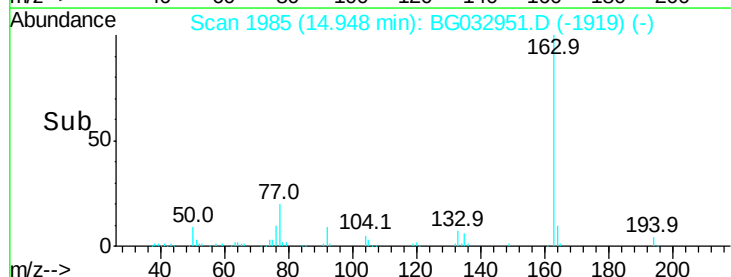
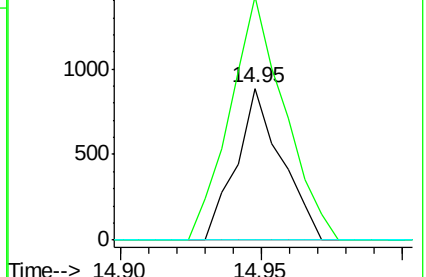
89 0.0 49.2 73.8#

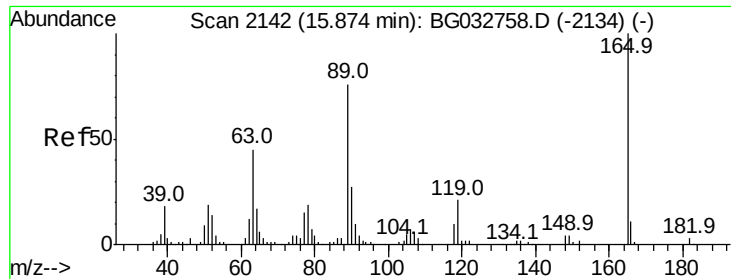


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

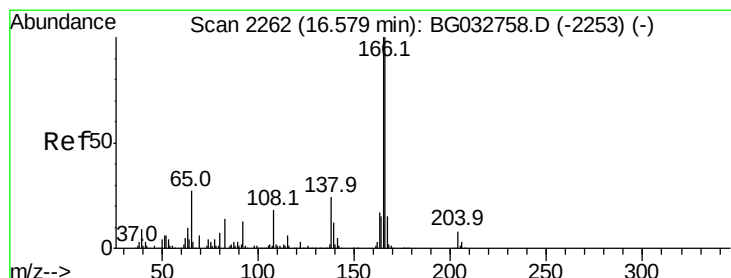
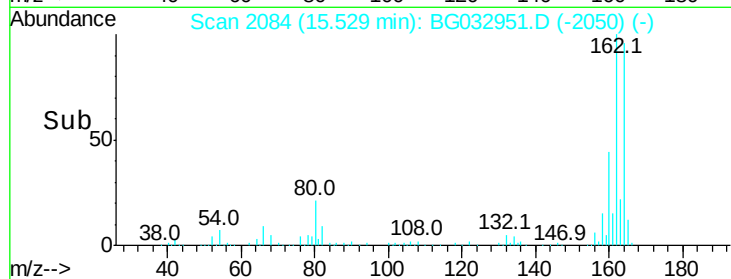
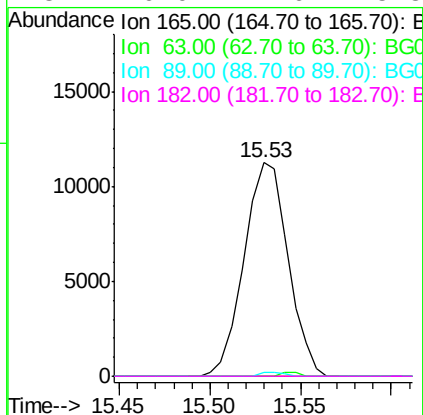
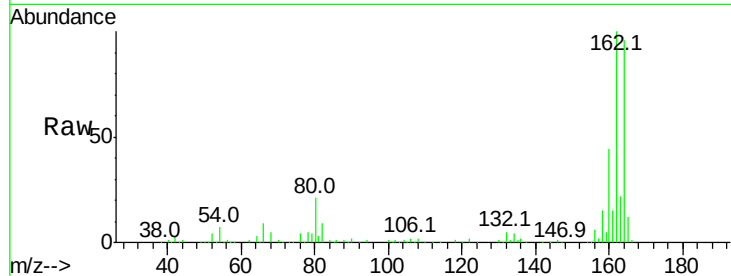




#56
 2,4-Dinitrotoluene
 Concen: 14.582 ng
 RT: 15.53 min Scan# 2084
 Delta R.T. -0.33 min
 Lab File: BG032951.D
 Acq: 2 Mar 2018 18:32

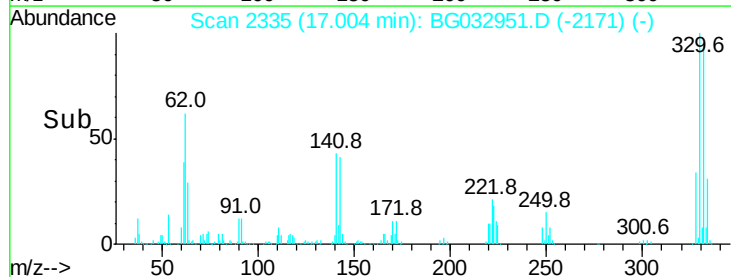
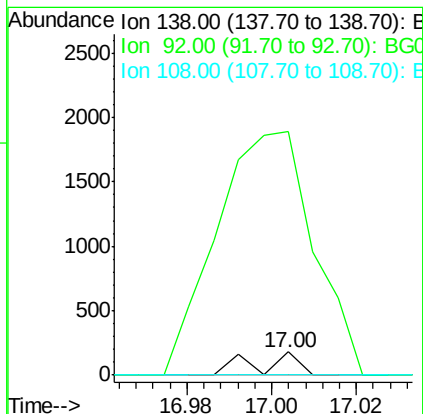
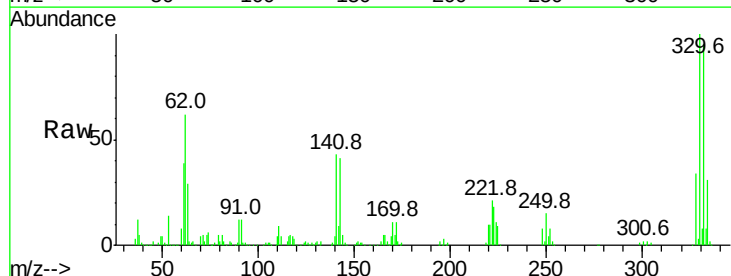
Instrument :
 BNA_G
 ClientSampleId :

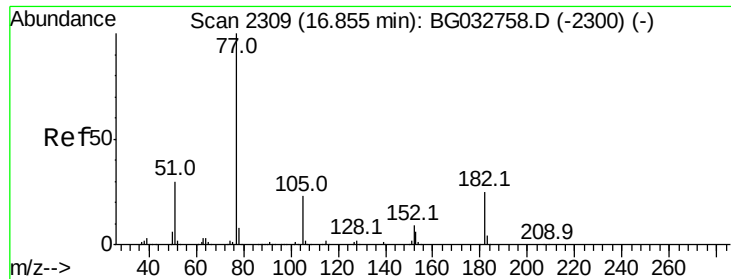
Tot Ion:	165	Resp:	18987
Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.8	66.9	100.3#
182	0.0	2.6	3.8#



#61
 4-Nitroaniline
 Concen: 5.339 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. 0.43 min
 Lab File: BG032951.D
 Acq: 2 Mar 2018 18:32

Tgt Ion:	138	Resp:	120
Ion	Ratio	Lower	Upper
138	100		
92	1061.8	40.1	80.1#
108	0.0	65.4	105.4#





#62

Azobenzene

Concen: 3.725 ng

RT: 16.86 min Scan# 2310

Delta R.T. 0.02 min

Lab File: BG032951.D

Acq: 2 Mar 2018 18:32

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 43875

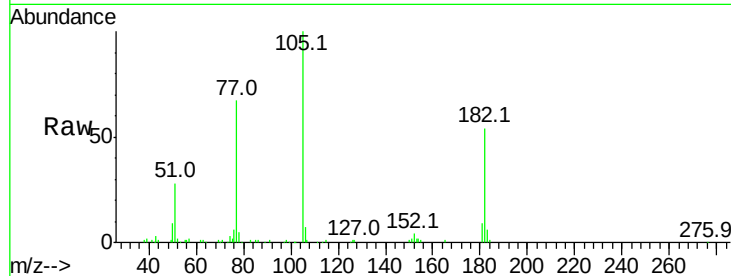
Ion Ratio Lower Upper

77 100

182 80.6 7.4 47.4#

105 150.0 0.3 40.3#

51 41.7 11.6 51.6

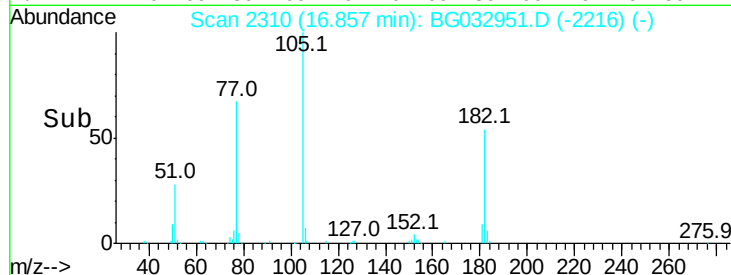


Abundance Ion 77.00 (76.70 to 77.70): BGC

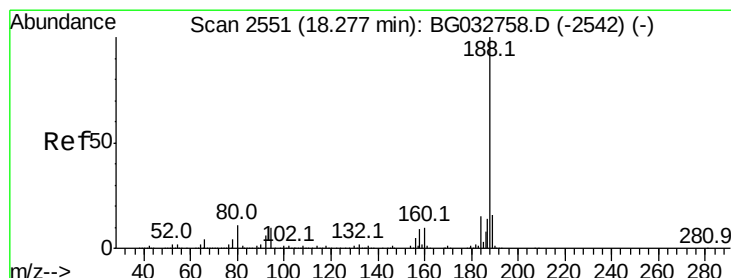
Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.26 min Scan# 2549

Delta R.T. -0.00 min

Lab File: BG032951.D

Acq: 2 Mar 2018 18:32

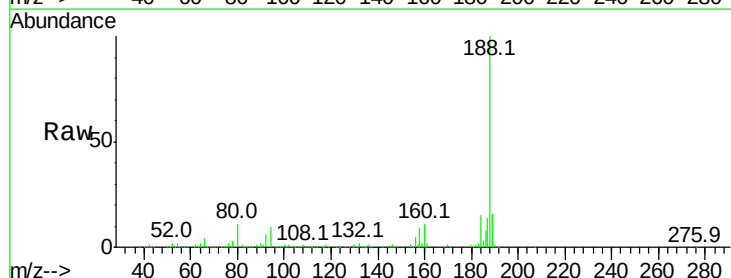
Tgt Ion: 188 Resp: 334816

Ion Ratio Lower Upper

188 100

94 10.4 6.9 10.3#

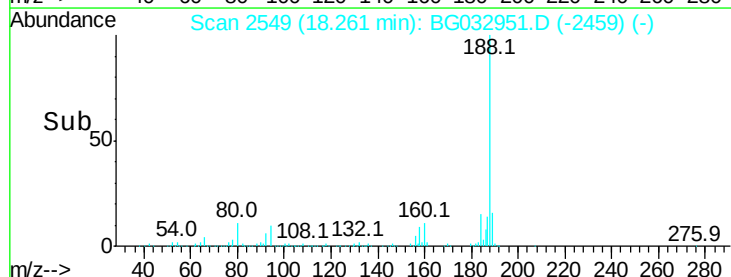
80 10.9 7.7 11.5



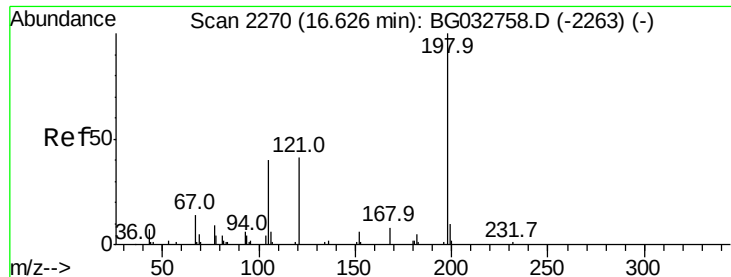
Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



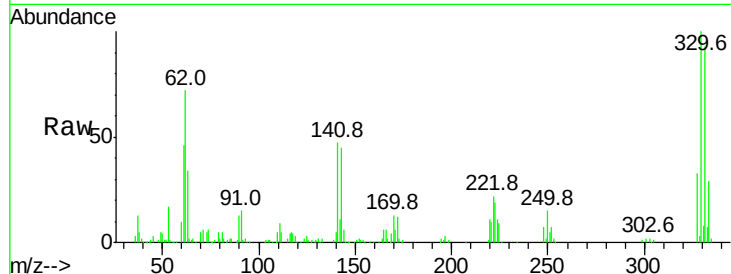
Time-->



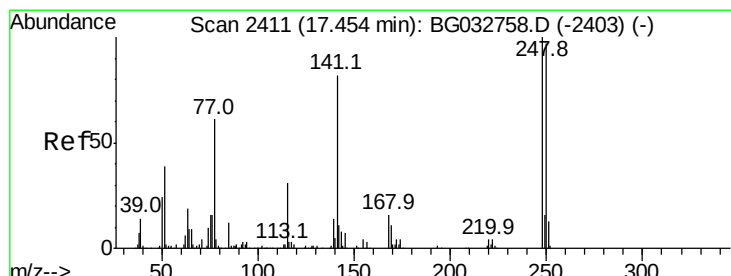
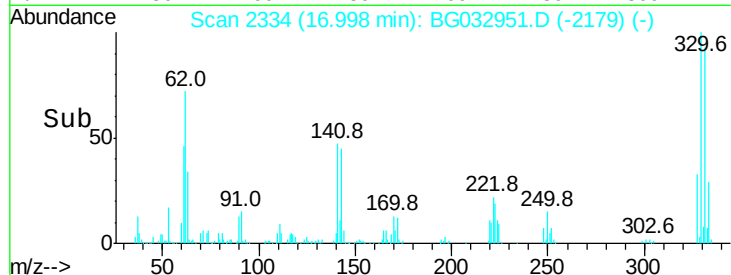
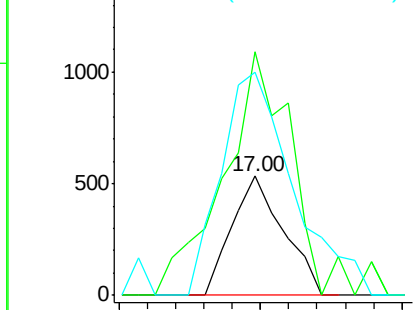
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.802 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. 0.38 min
 Lab File: BG032951.D
 Acq: 2 Mar 2018 18:32

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 673
 Ion Ratio Lower Upper
 198 100
 51 204.7 30.6 70.6#
 105 187.4 23.8 63.8#

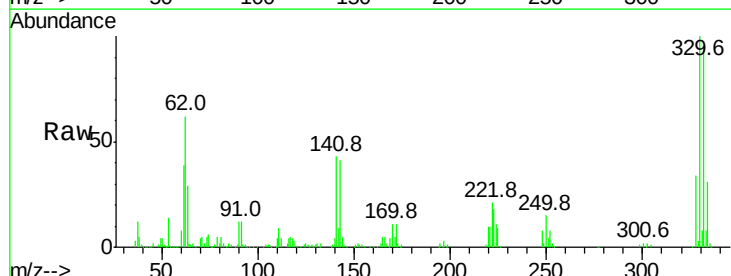


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

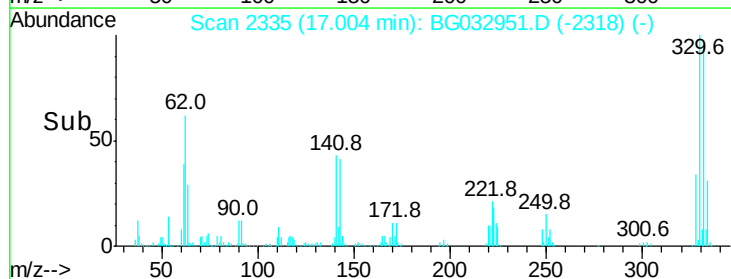
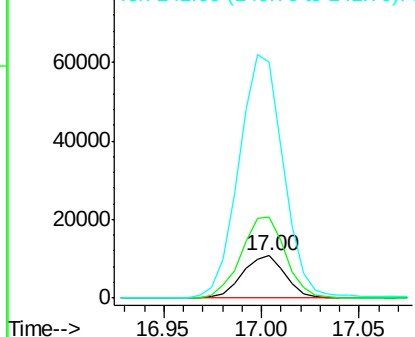


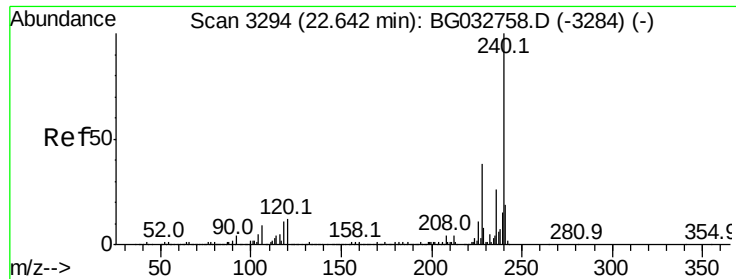
#66
 4-Bromophenyl-phenylether
 Concen: 4.605 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. -0.43 min
 Lab File: BG032951.D
 Acq: 2 Mar 2018 18:32

Tgt Ion:248 Resp: 16304
 Ion Ratio Lower Upper
 248 100
 250 193.4 77.1 115.7#
 141 558.1 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# 3290

Delta R.T. -0.01 min

Lab File: BG032951.D

Acq: 2 Mar 2018 18:32

Instrument :

BNA_G

ClientSampleId :

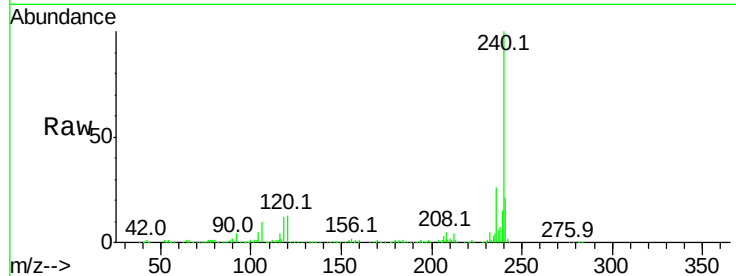
Tot Ion:240 Resp: 315791

Ion Ratio Lower Upper

240 100

120 12.5 6.8 10.2#

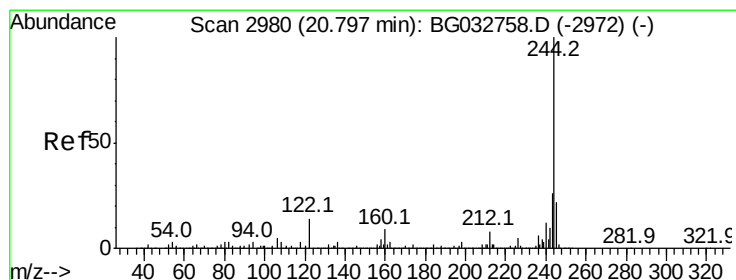
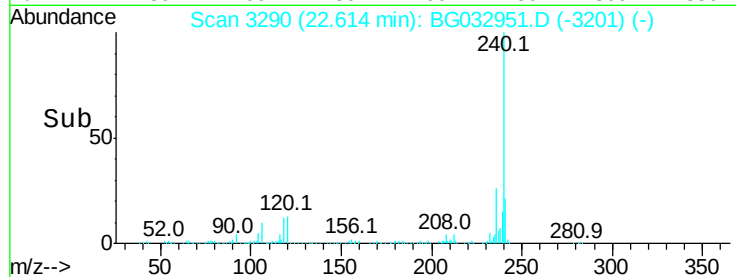
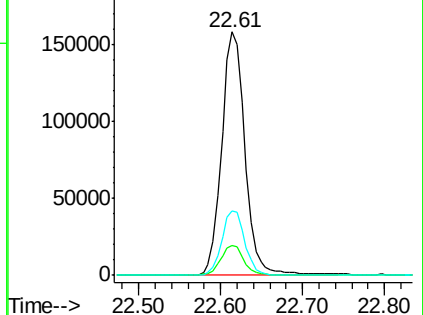
236 26.2 20.9 31.3



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: 89.393 ng

RT: 20.78 min Scan# 2977

Delta R.T. -0.00 min

Lab File: BG032951.D

Acq: 2 Mar 2018 18:32

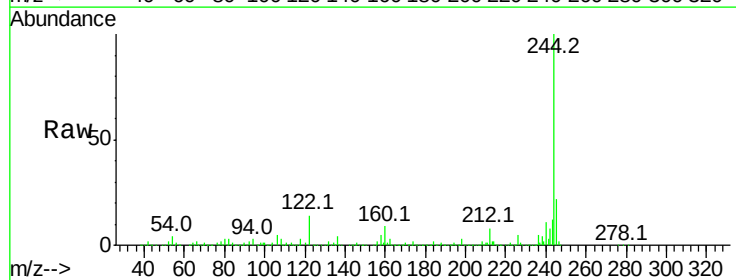
Tgt Ion:244 Resp: 1256472

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

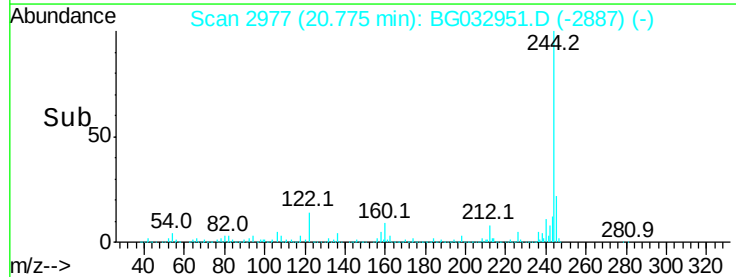
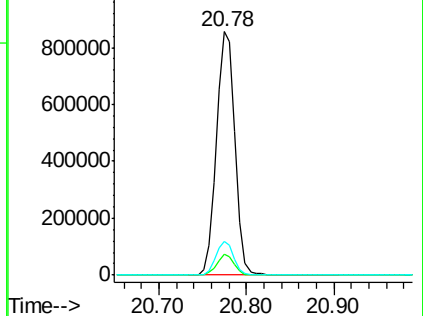
122 13.9 7.0 10.4#

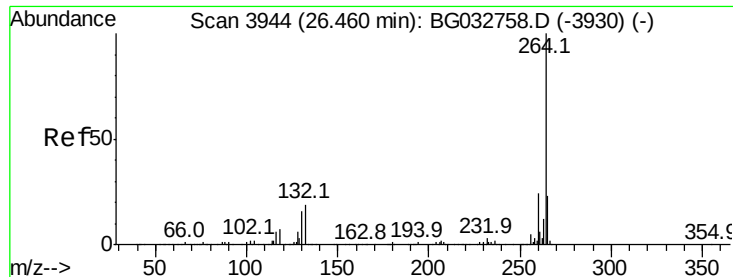


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.43 min Scan# 3939
Delta R.T. -0.00 min
Lab File: BG032951.D
Acq: 2 Mar 2018 18:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.0
265	20.6	17.7	26.5

