

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030818\
 Data File : BG033044.D
 Acq On : 8 Mar 2018 17:15
 Operator : SJ/JU
 Sample : J1825-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 09 01:28:16 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	54679	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	244659	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	140702	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	310761	20.00	ng	0.00
75) Chrysene-d12	22.61	240	287640	20.00	ng	0.00
86) Perylene-d12	26.41	264	287010	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.32	112	265221	77.60	ng	0.00
7) Phenol-d6	8.00	99	377240	79.19	ng	0.00
23) Nitrobenzene-d5	10.11	82	230529	67.67	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	135297	91.45	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	505970	51.86	ng	0.00
78) Terphenyl-d14	20.77	244	710113	55.47	ng	0.00

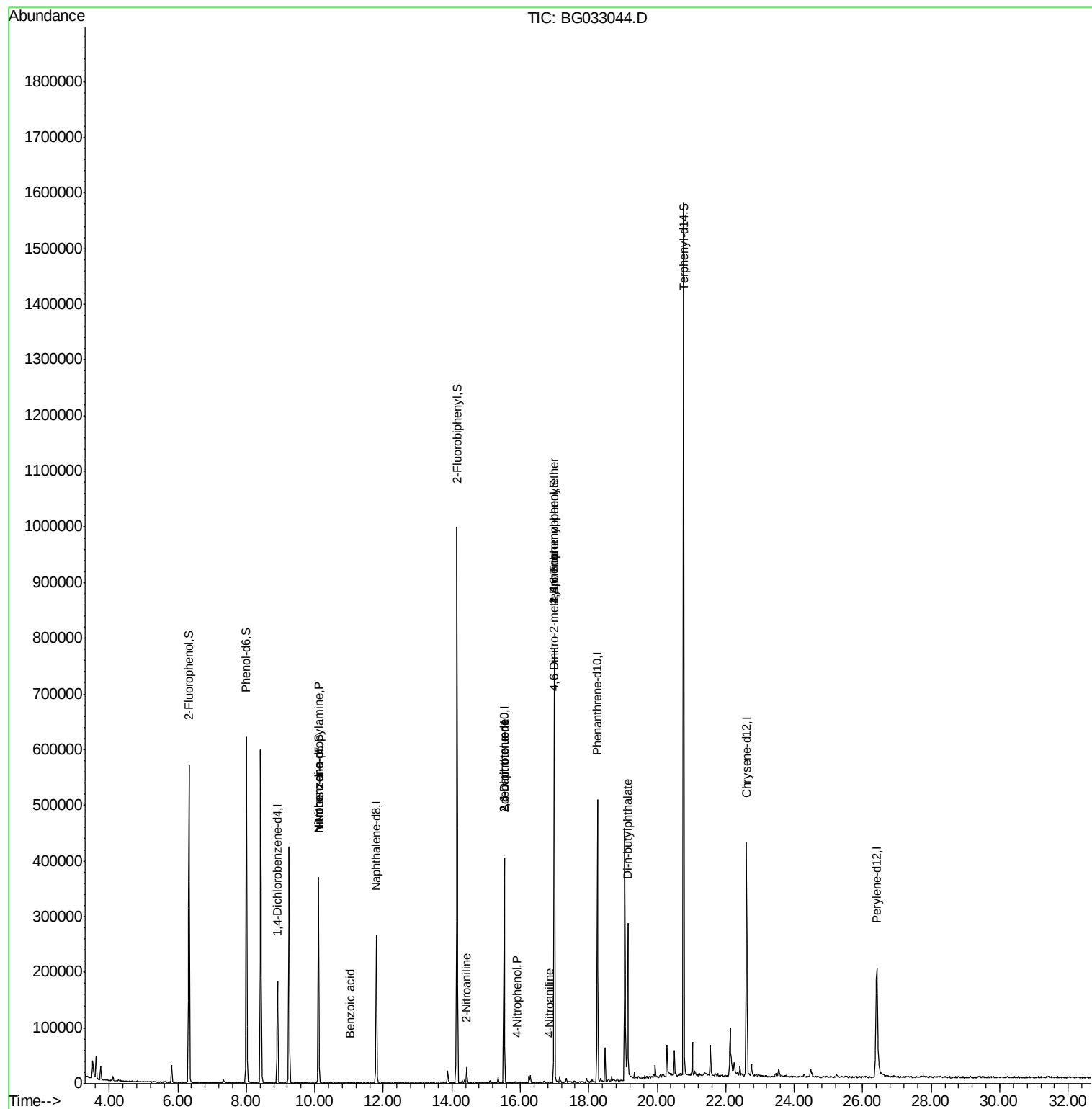
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	10.11	70	30313	9.013	ng	# 83
24) Nitrobenzene	10.11	77	706	6.537	ng	# 42
32) Benzoic acid	11.03	122	55	5.844	ng	# 1
47) 2-Nitroaniline	14.44	65	993	10.177	ng	# 9
50) 2,6-Dinitrotoluene	15.52	165	18531	16.532	ng	# 21
55) 4-Nitrophenol	15.92	139	53	7.105	ng	# 1
56) 2,4-Dinitrotoluene	15.52	165	18531	14.731	ng	# 19
61) 4-Nitroaniline	16.84	138	122	5.342	ng	# 12
64) 4,6-Dinitro-2-methylphenol	16.98	198	438	5.548	ng	# 1
66) 4-Bromophenyl-phenylether	16.99	248	9521	2.897	ng	# 1
73) Di-n-butylphthalate	19.14	149	187658	8.916	ng	99

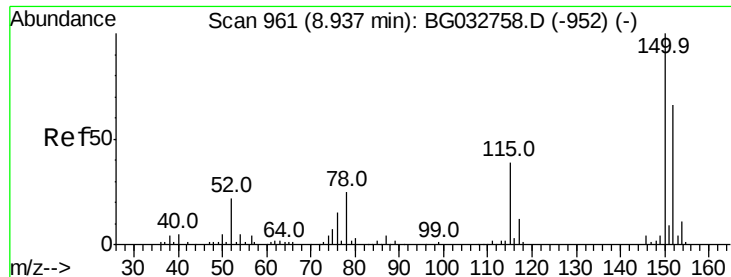
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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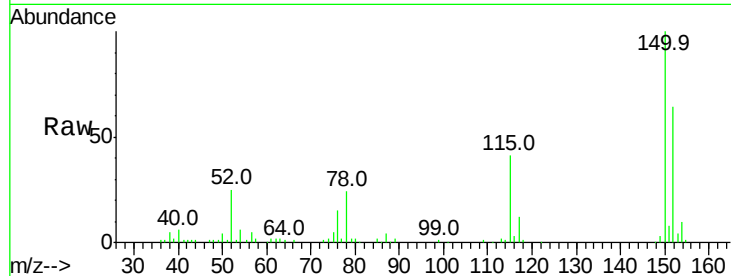


#1

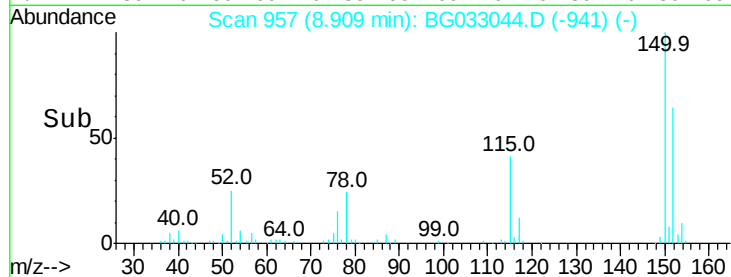
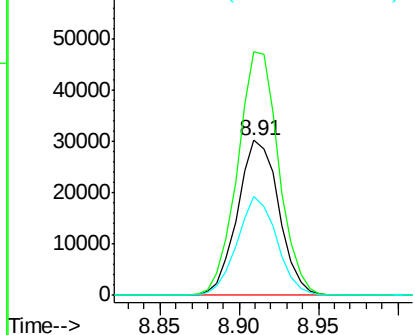
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033044.D
Acq: 8 Mar 2018 17:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 54679
Ion Ratio Lower Upper
152 100
150 157.2 126.6 189.8
115 64.2 53.0 79.4



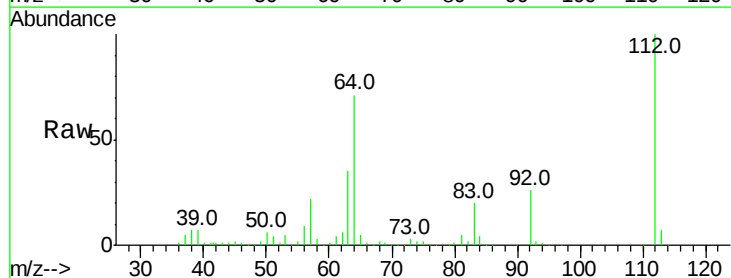
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



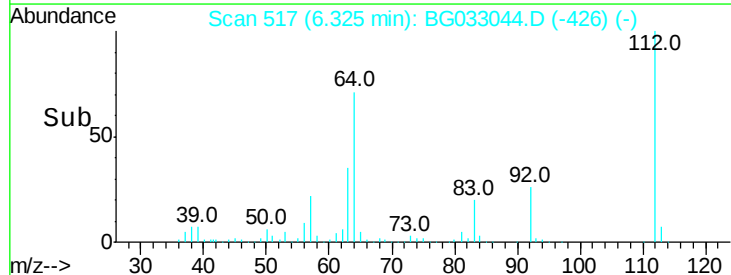
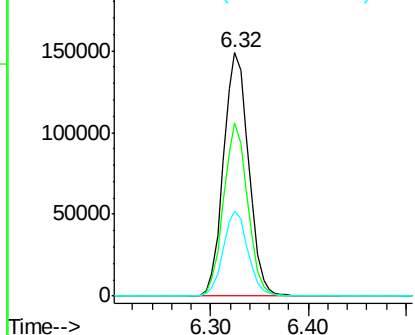
#5

2-Fluorophenol
Concen: 77.601 ng
RT: 6.32 min Scan# 517
Delta R.T. 0.00 min
Lab File: BG033044.D
Acq: 8 Mar 2018 17:15

Tgt Ion:112 Resp: 265221
Ion Ratio Lower Upper
112 100
64 71.2 56.3 84.5
63 34.8 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: 79.188 ng

RT: 8.00 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033044.D

Acq: 8 Mar 2018 17:15

Instrument :

BNA_G

ClientSampled :

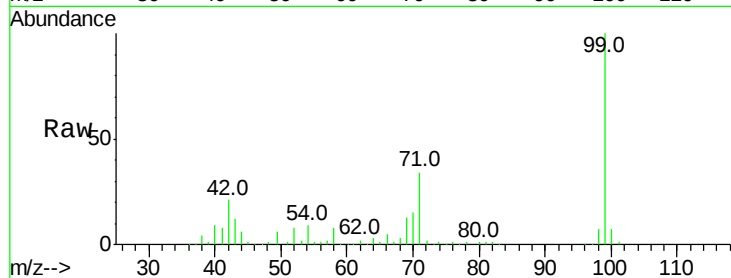
Tot Ion: 99 Resp: 377240

Ion Ratio Lower Upper

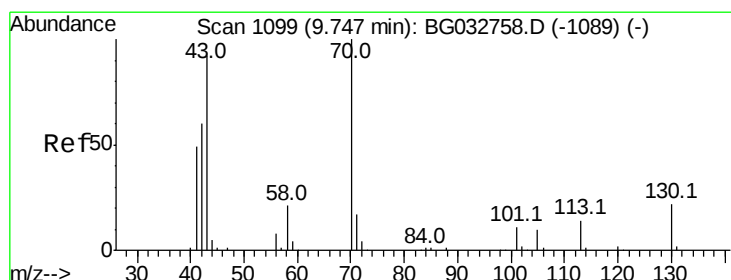
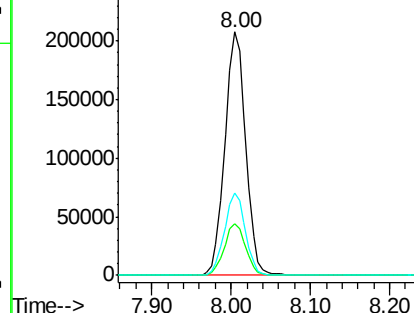
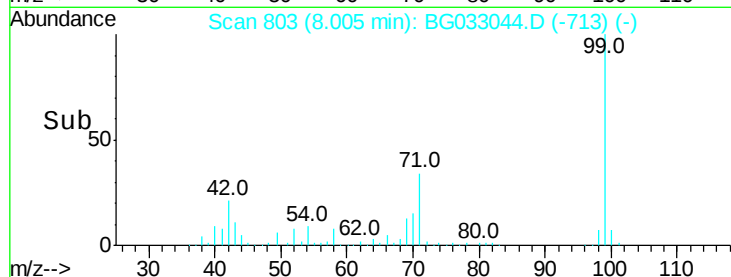
99 100

42 21.2 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



#19

n-Nitroso-di-n-propylamine

Concen: 9.013 ng

RT: 10.11 min Scan# 1161

Delta R.T. 0.38 min

Lab File: BG033044.D

Acq: 8 Mar 2018 17:15

Tgt Ion: 70 Resp: 30313

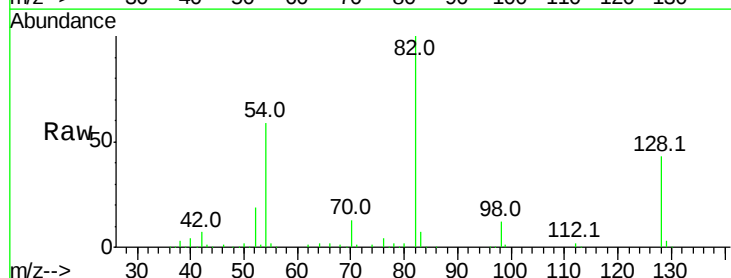
Ion Ratio Lower Upper

70 100

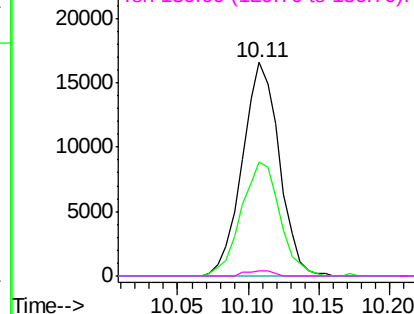
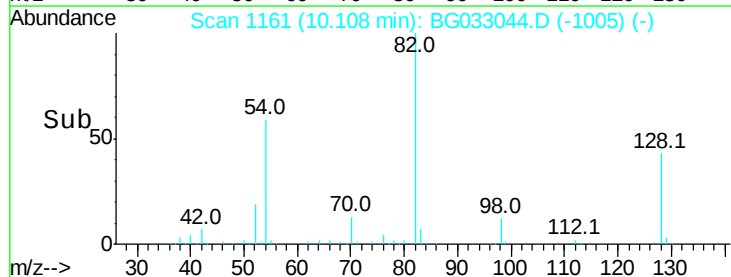
42 53.6 49.1 73.7

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

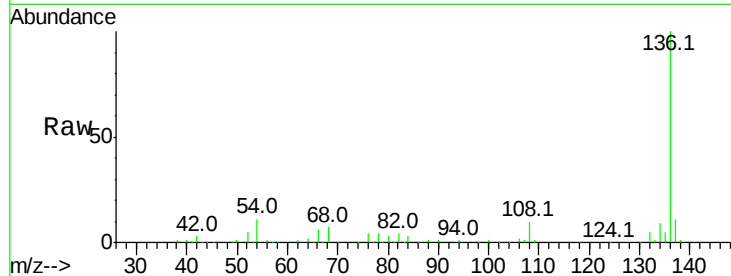




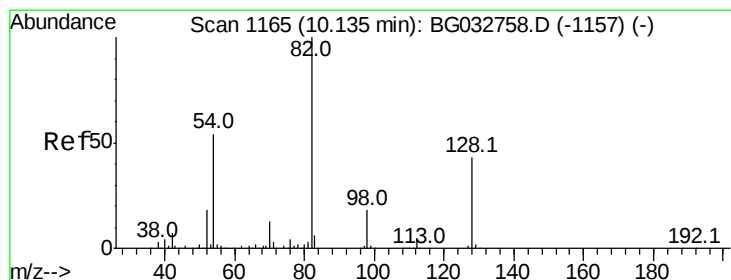
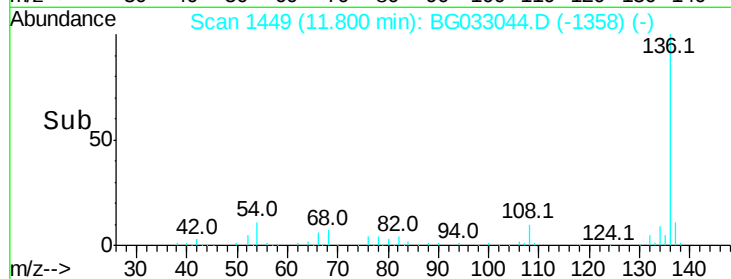
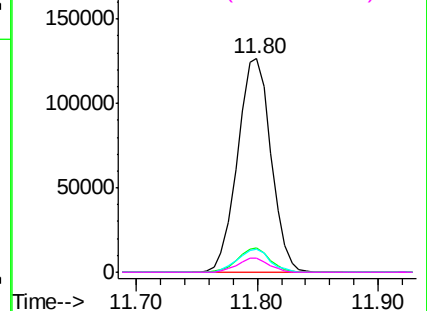
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BG033044.D
Acq: 8 Mar 2018 17:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	11.0	10.3	15.5
68	6.6	4.5	6.7

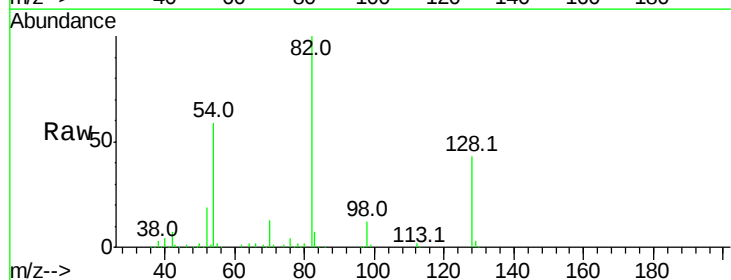


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

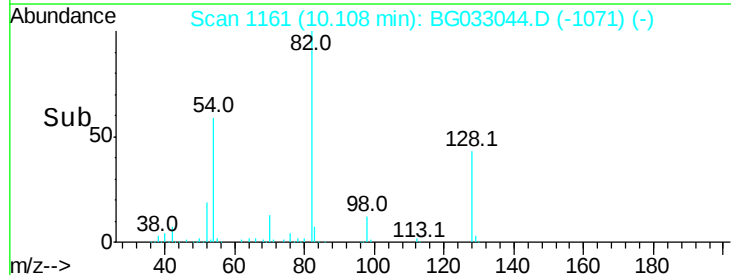
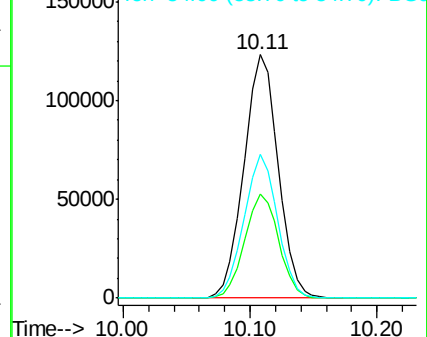


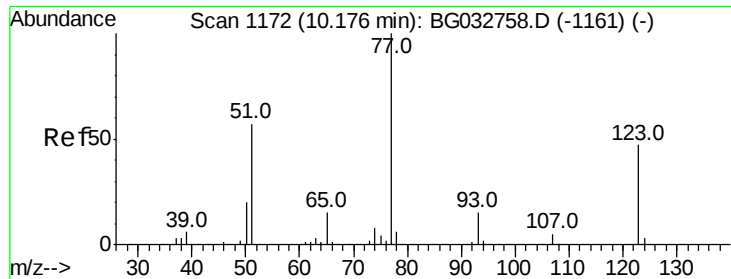
#23
Nitrobenzene-d5
Concen: 67.675 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG033044.D
Acq: 8 Mar 2018 17:15

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.8	29.7	44.5
54	59.0	43.1	64.7



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

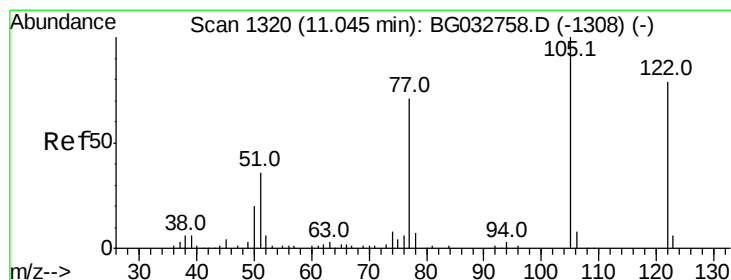
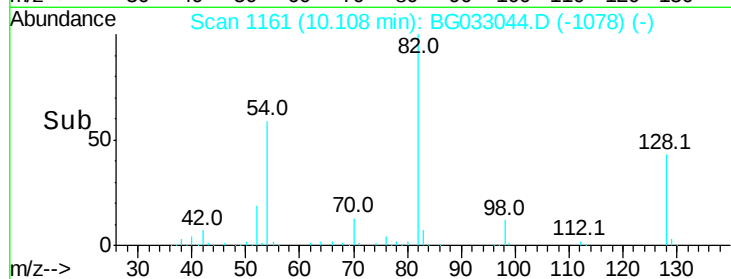
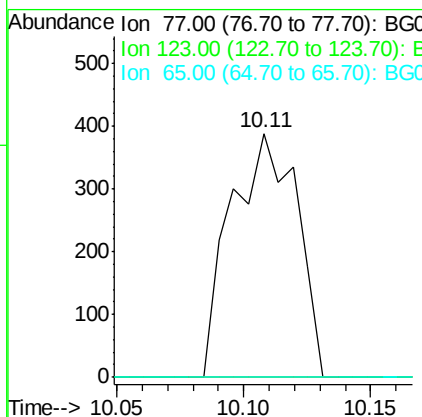
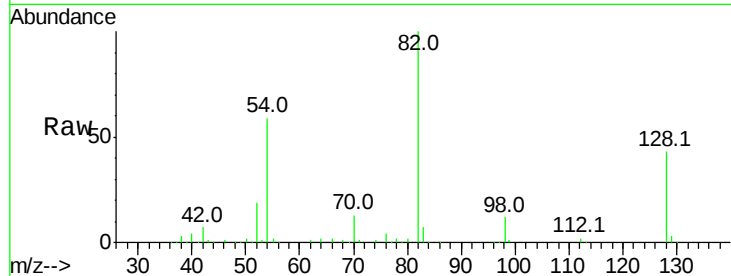




#24
 Nitrobenzene
 Concen: 6.537 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.04 min
 Lab File: BG033044.D
 Acq: 8 Mar 2018 17:15

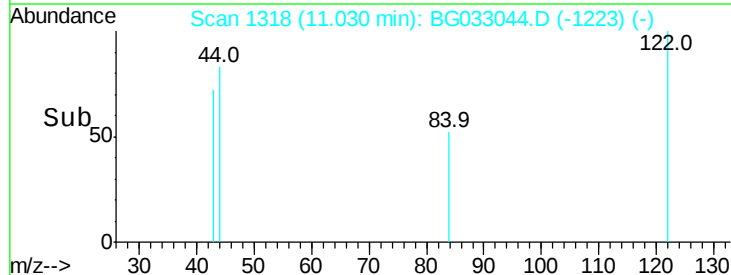
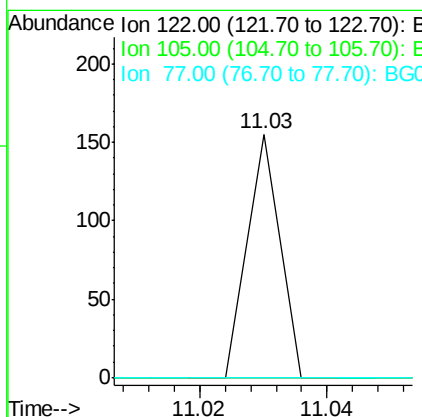
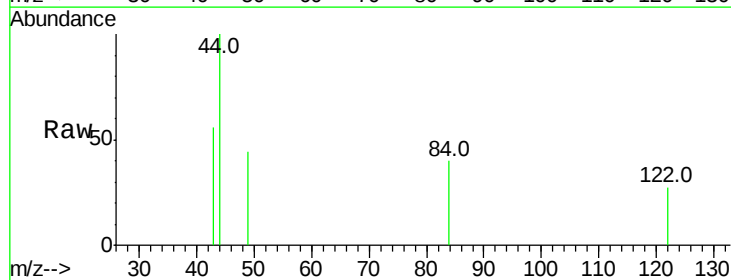
Instrument :
 BNA_G
 ClientSampleId :

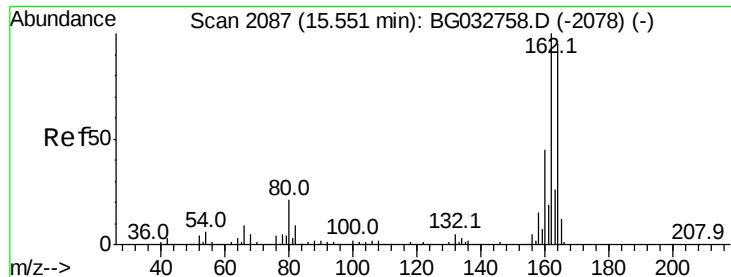
Tot Ion: 77 Resp: 706
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 0.0 13.0 19.6#



#32
 Benzoic acid
 Concen: 5.844 ng
 RT: 11.03 min Scan# 1318
 Delta R.T. 0.03 min
 Lab File: BG033044.D
 Acq: 8 Mar 2018 17:15

Tgt Ion: 122 Resp: 55
 Ion Ratio Lower Upper
 122 100
 105 0.0 123.5 163.5#
 77 0.0 85.7 125.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.52 min Scan# 2083

Delta R.T. -0.00 min

Lab File: BG033044.D

Acq: 8 Mar 2018 17:15

Instrument :

BNA_G

ClientSampleId :

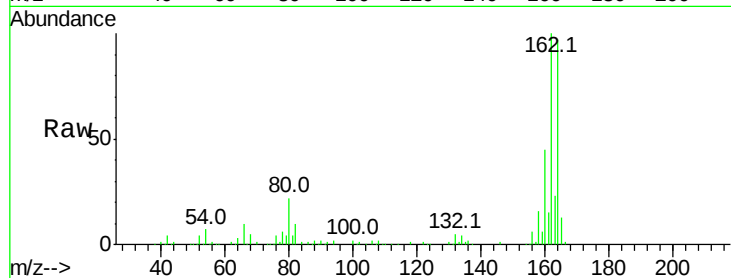
Tot Ion:164 Resp: 140702

Ion Ratio Lower Upper

164 100

162 102.6 78.8 118.2

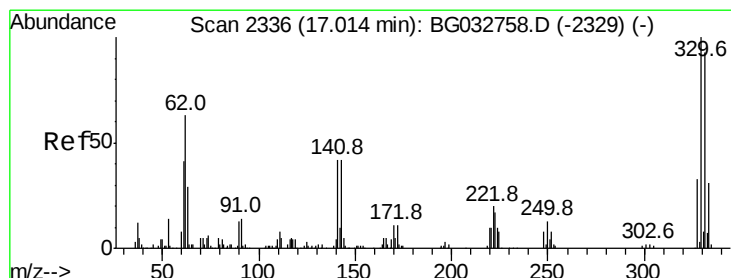
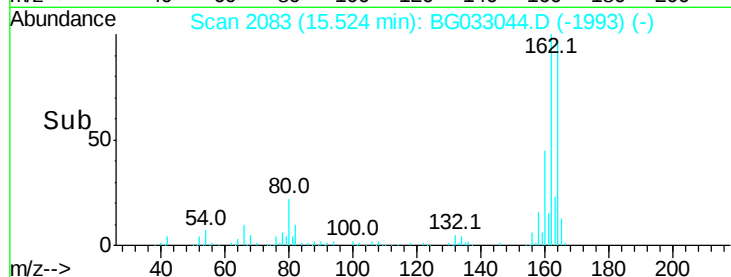
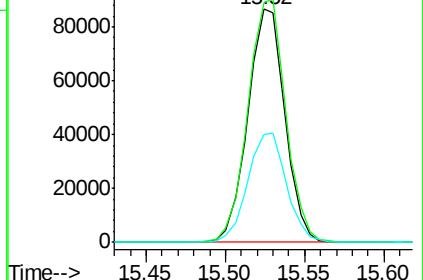
160 46.3 35.4 53.0



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: 91.452 ng

RT: 16.99 min Scan# 2333

Delta R.T. -0.00 min

Lab File: BG033044.D

Acq: 8 Mar 2018 17:15

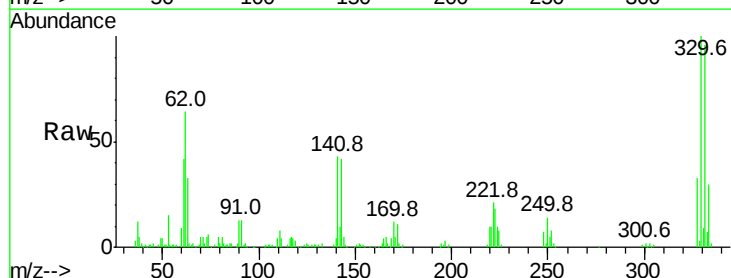
Tgt Ion:330 Resp: 135297

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

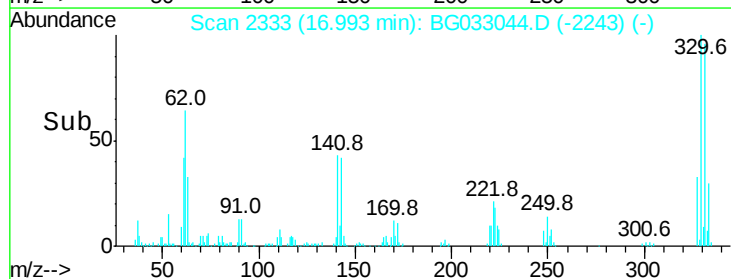
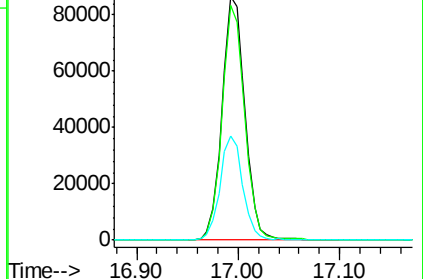
141 42.6 25.2 37.8#

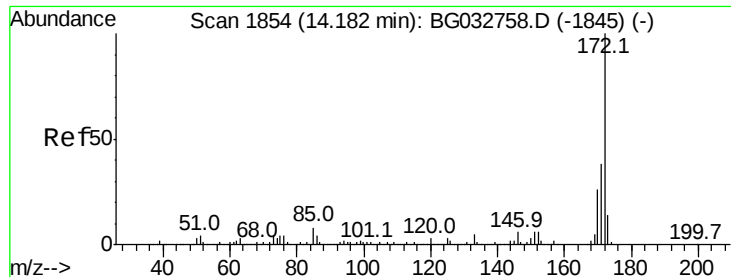


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

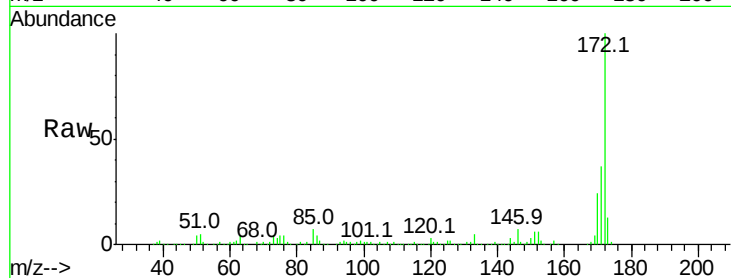




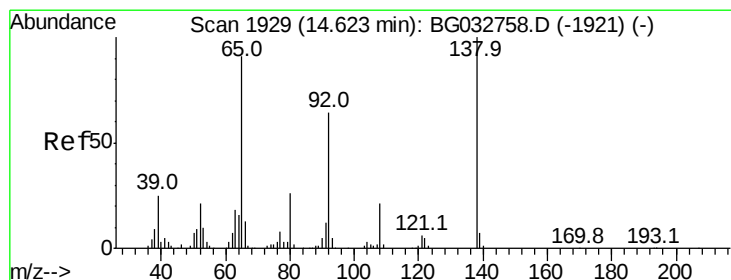
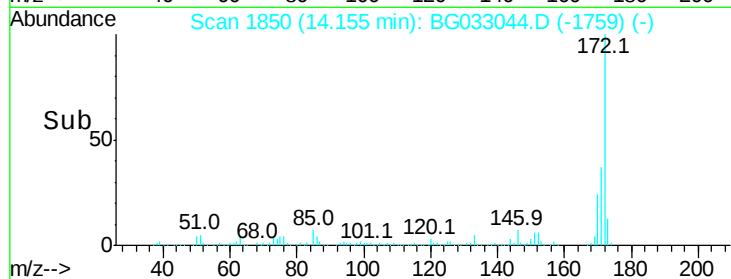
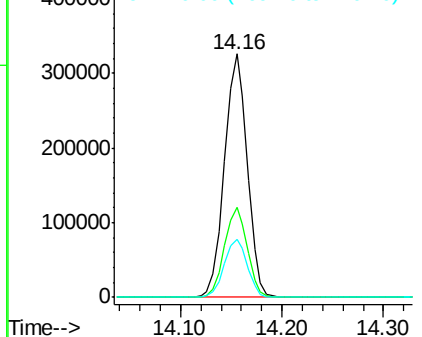
#44
2-Fluorobiphenyl
Concen: 51.864 ng
RT: 14.16 min Scan# 1850
Delta R.T. 0.00 min
Lab File: BG033044.D
Acq: 8 Mar 2018 17:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 505970
Ion Ratio Lower Upper
172 100
171 37.1 30.0 45.0
170 24.0 19.5 29.3

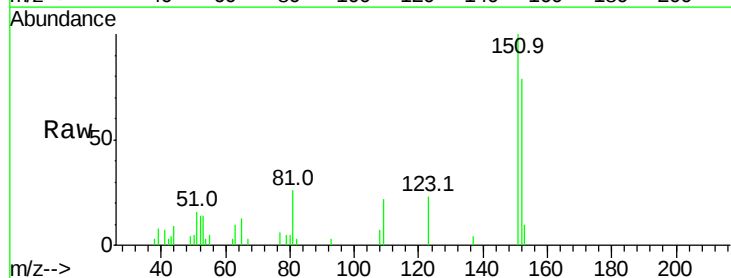


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

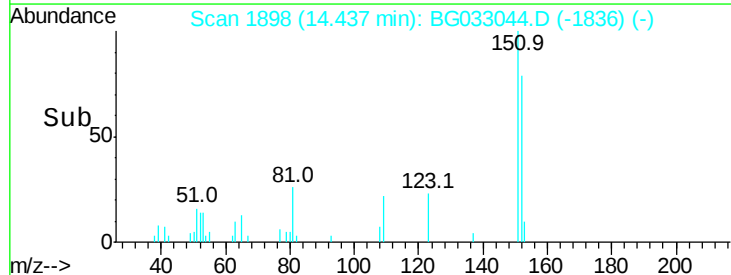
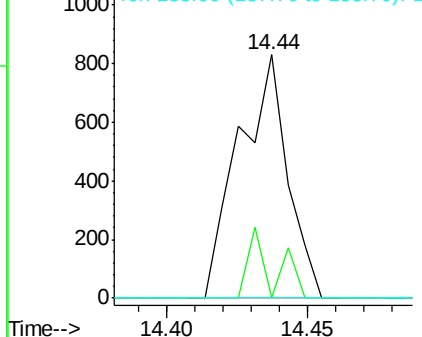


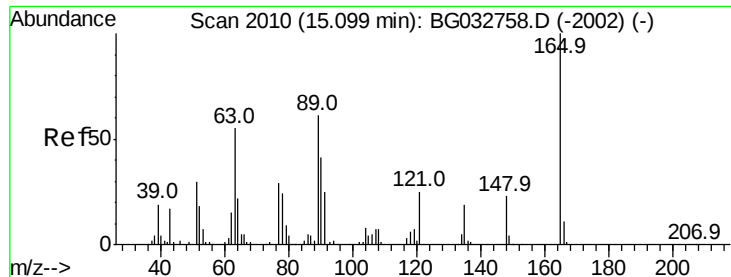
#47
2-Nitroaniline
Concen: 10.177 ng
RT: 14.44 min Scan# 1898
Delta R.T. -0.17 min
Lab File: BG033044.D
Acq: 8 Mar 2018 17:15

Tgt Ion: 65 Resp: 993
Ion Ratio Lower Upper
65 100
92 0.0 54.6 82.0#
138 0.0 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: 16.532 ng

RT: 15.52 min Scan# 2083

Delta R.T. 0.45 min

Lab File: BG033044.D

Acq: 8 Mar 2018 17:15

Instrument :

BNA_G

ClientSampleId :

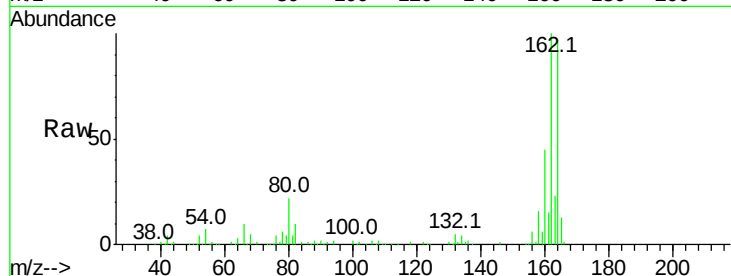
Tot Ion:165 Resp: 18531

Ion Ratio Lower Upper

165 100

63 2.1 52.7 79.1#

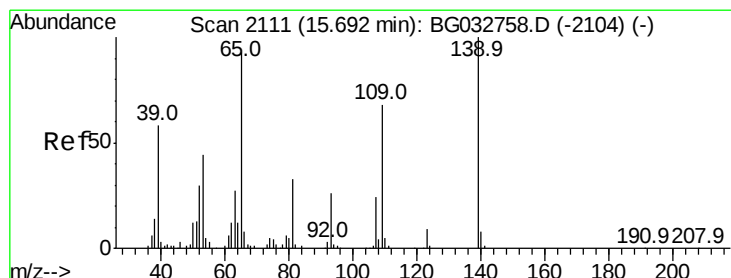
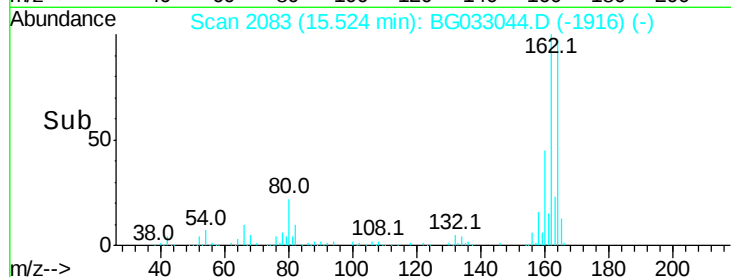
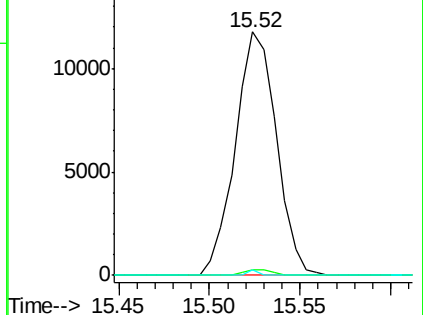
89 2.1 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#55

4-Nitrophenol

Concen: 7.105 ng

RT: 15.92 min Scan# 2150

Delta R.T. 0.24 min

Lab File: BG033044.D

Acq: 8 Mar 2018 17:15

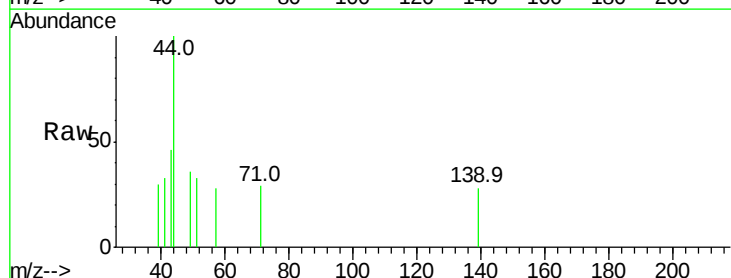
Tgt Ion:139 Resp: 53

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

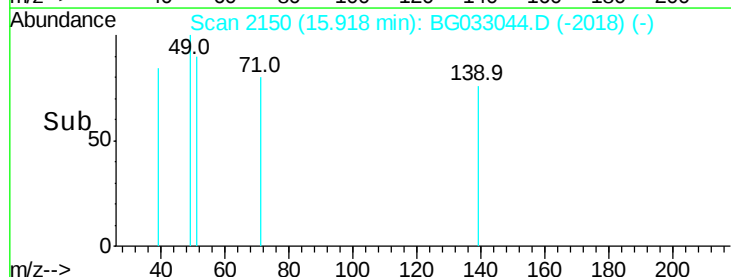
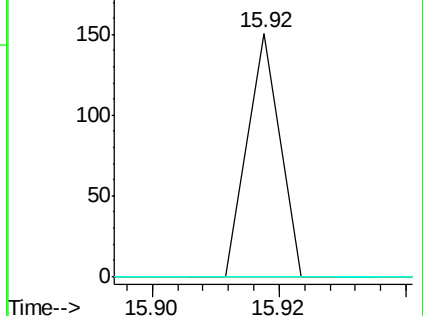
65 0.0 97.2 137.2#

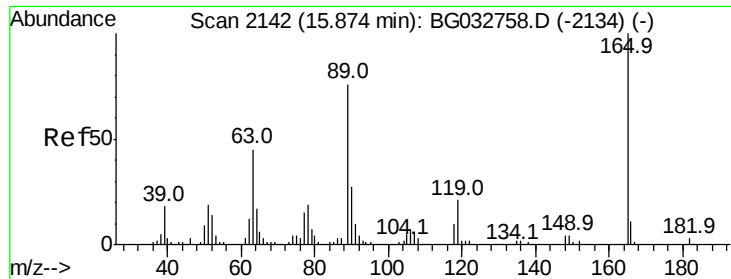


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





#56

2,4-Dinitrotoluene

Concen: 14.731 ng

RT: 15.52 min Scan# 2083

Delta R.T. -0.33 min

Lab File: BG033044.D

Acq: 8 Mar 2018 17:15

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 18531

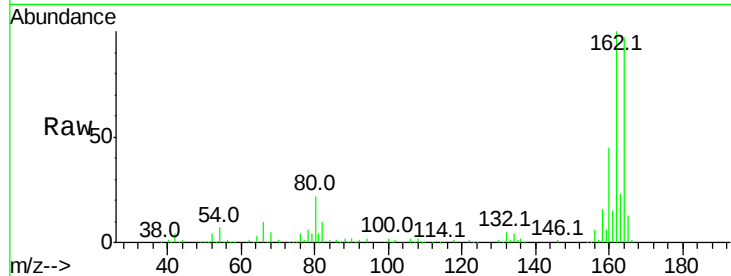
Ion Ratio Lower Upper

165 100

63 2.1 42.0 63.0#

89 2.1 66.9 100.3#

182 0.0 2.6 3.8#

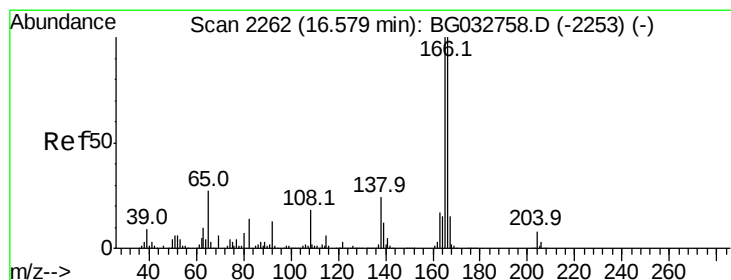
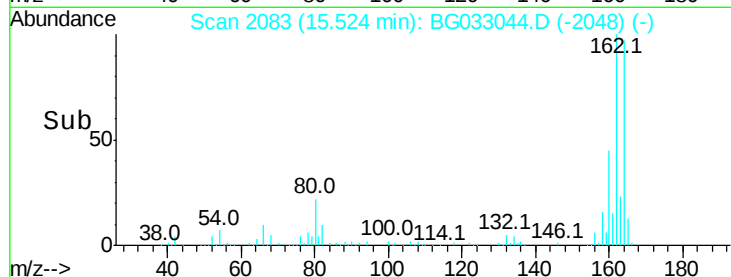
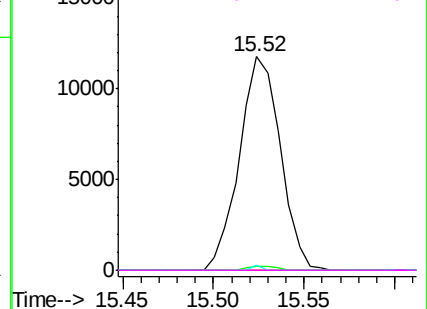


Abundance Ion 165.00 (164.70 to 165.70): E

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: 5.342 ng

RT: 16.84 min Scan# 2307

Delta R.T. 0.28 min

Lab File: BG033044.D

Acq: 8 Mar 2018 17:15

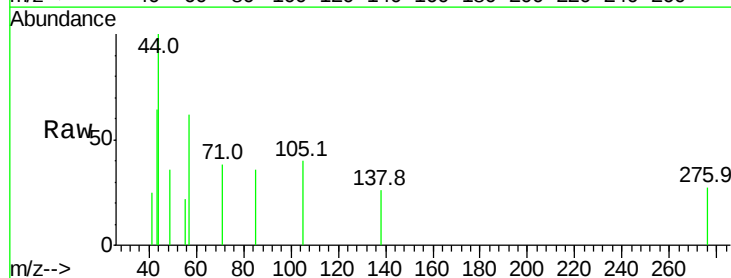
Tgt Ion:138 Resp: 122

Ion Ratio Lower Upper

138 100

92 0.0 40.1 80.1#

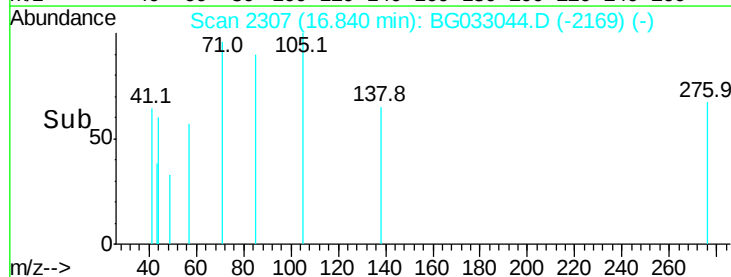
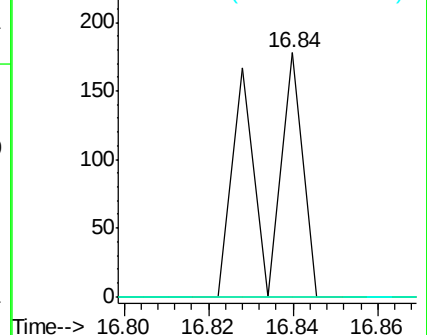
108 0.0 65.4 105.4#

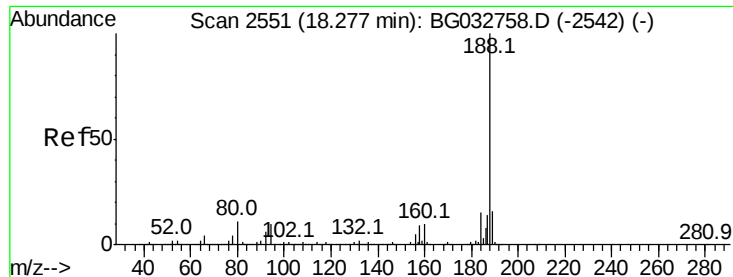


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E

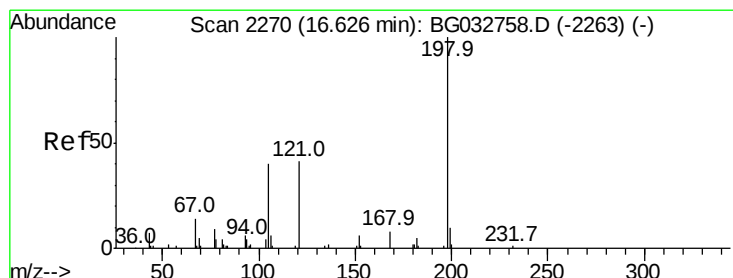
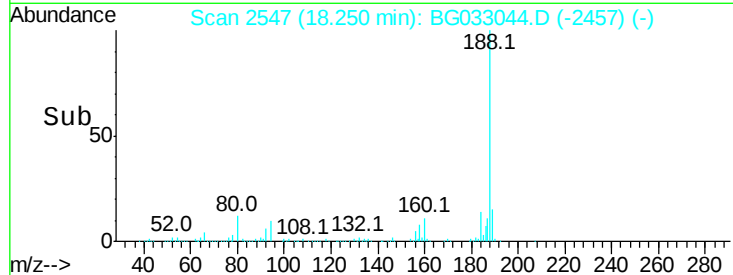
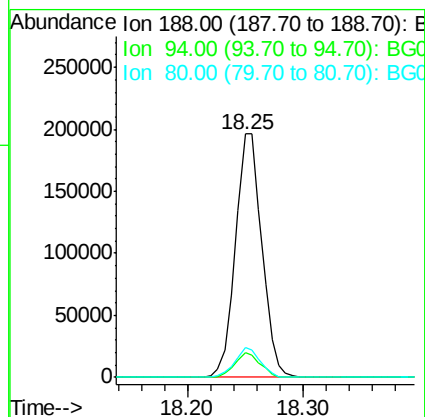
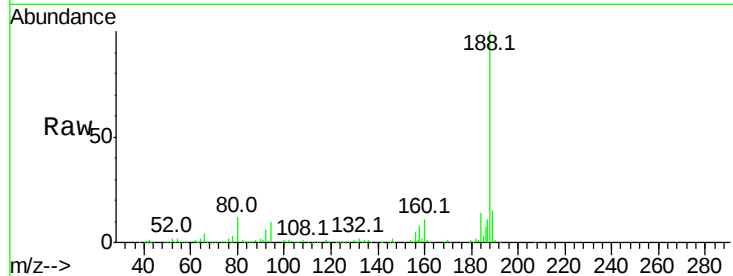




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. -0.00 min
Lab File: BG033044.D
Acq: 8 Mar 2018 17:15

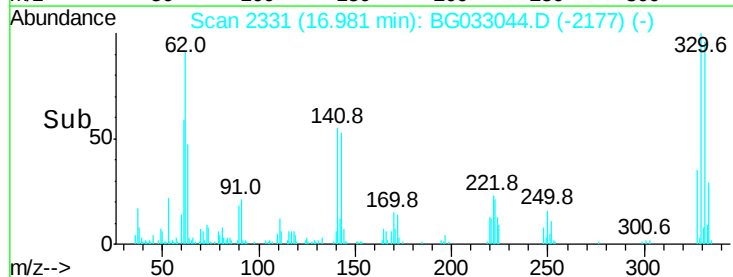
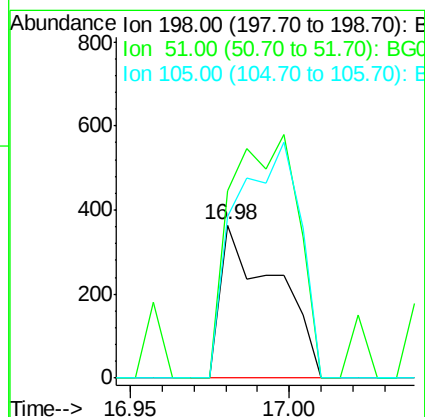
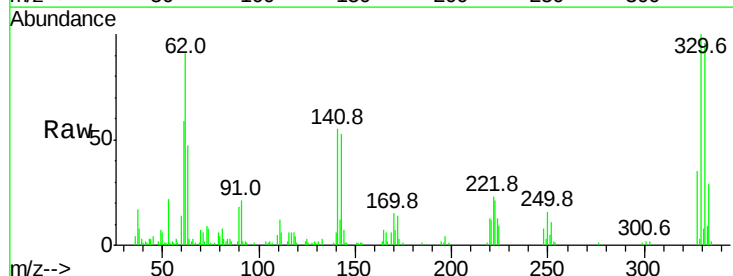
Instrument :
BNA_G
ClientSampled :

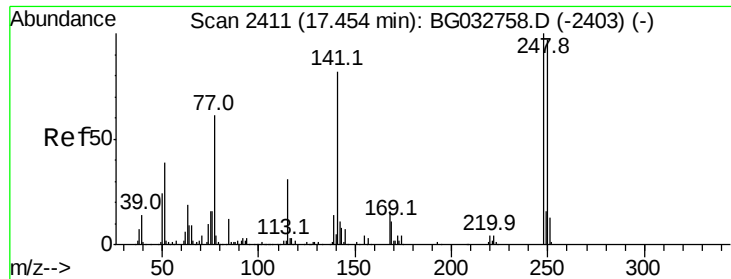
Tot Ion:188 Resp: 310761
Ion Ratio Lower Upper
188 100
94 10.1 6.9 10.3
80 12.1 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 5.548 ng
RT: 16.98 min Scan# 2331
Delta R.T. 0.37 min
Lab File: BG033044.D
Acq: 8 Mar 2018 17:15

Tgt Ion:198 Resp: 438
Ion Ratio Lower Upper
198 100
51 122.5 30.6 70.6#
105 105.2 23.8 63.8#

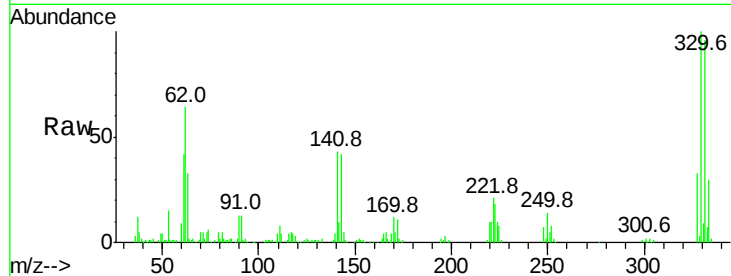




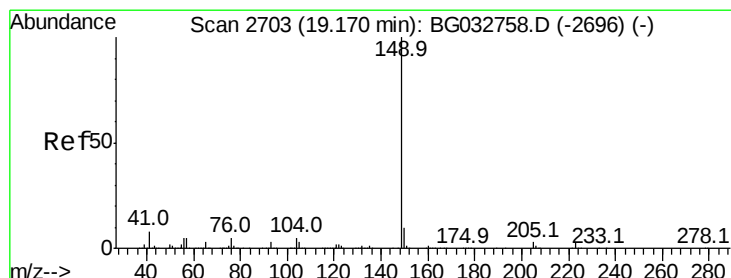
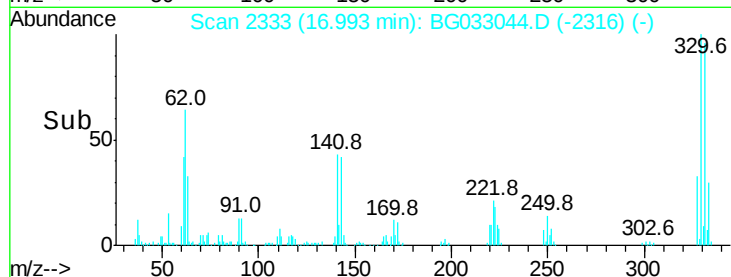
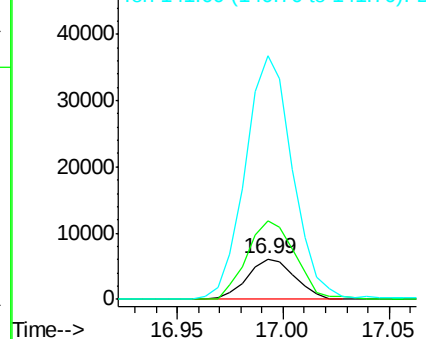
#66
 4-Bromophenyl-phenylether
 Concen: 2.897 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.43 min
 Lab File: BG033044.D
 Acq: 8 Mar 2018 17:15

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 9521
 Ion Ratio Lower Upper
 248 100
 250 193.7 77.1 115.7#
 141 602.4 50.8 76.2#

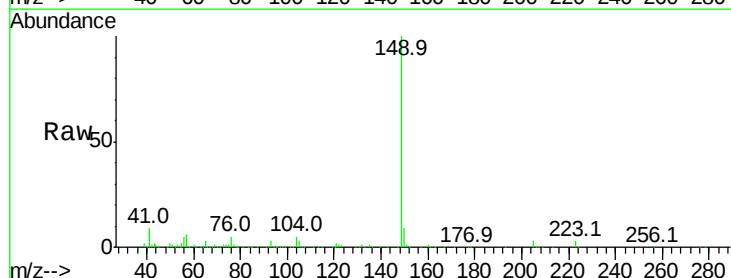


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

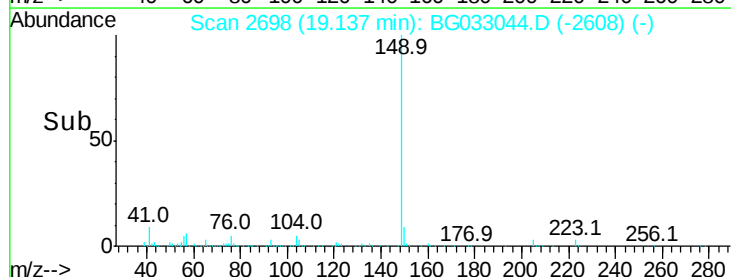
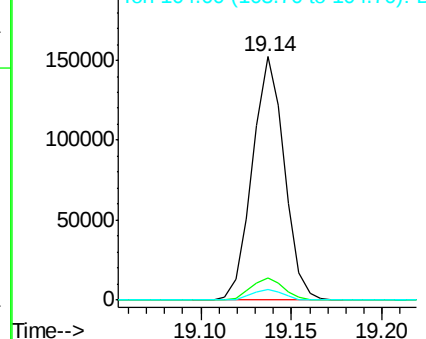


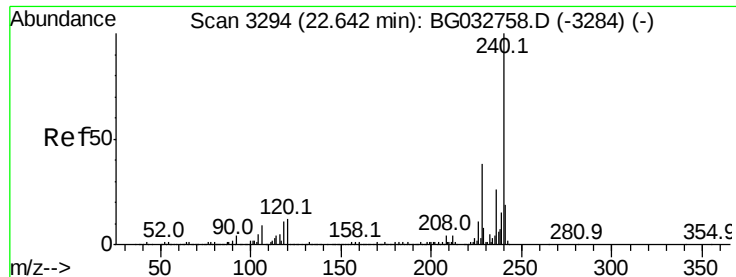
#73
 Di-n-butylphthalate
 Concen: 8.916 ng
 RT: 19.14 min Scan# 2698
 Delta R.T. -0.00 min
 Lab File: BG033044.D
 Acq: 8 Mar 2018 17:15

Tgt Ion:149 Resp: 187658
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.8 11.6
 104 4.5 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.61 min Scan# 3289

Delta R.T. -0.00 min

Lab File: BG033044.D

Acq: 8 Mar 2018 17:15

Instrument :

BNA_G

ClientSampleId :

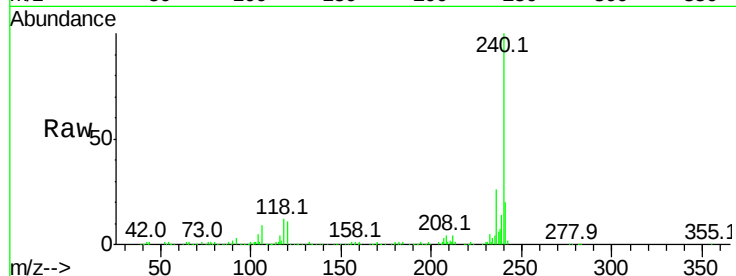
Tot Ion:240 Resp: 287640

Ion Ratio Lower Upper

240 100

120 11.5 6.8 10.2#

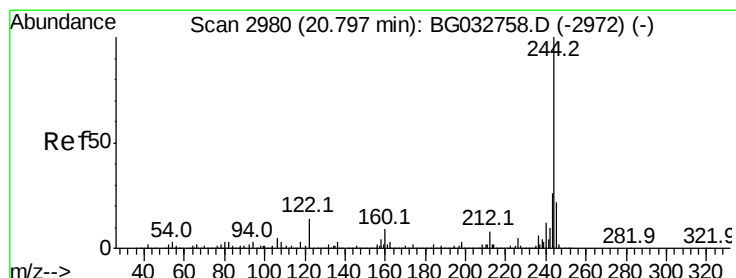
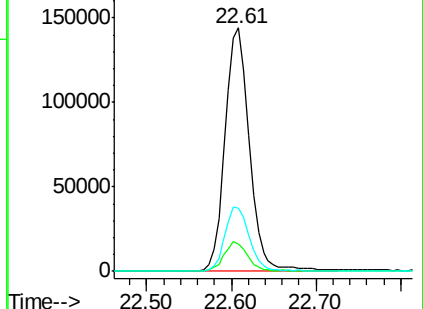
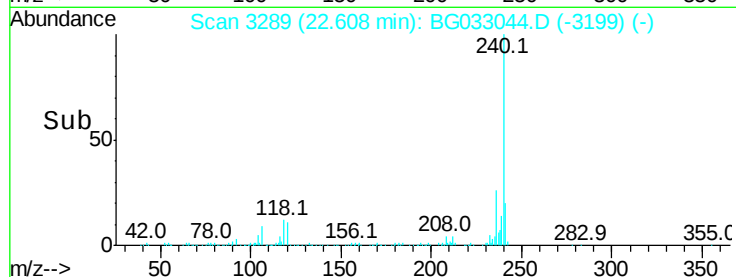
236 26.2 20.9 31.3



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: 55.466 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033044.D

Acq: 8 Mar 2018 17:15

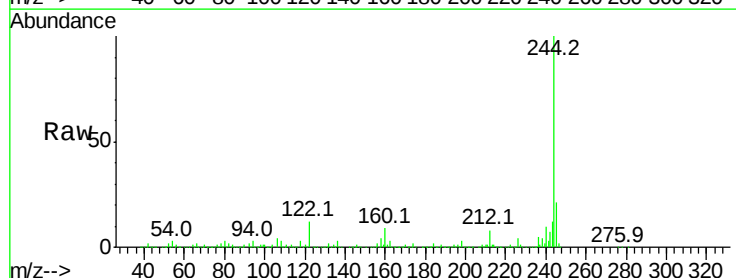
Tgt Ion:244 Resp: 710113

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

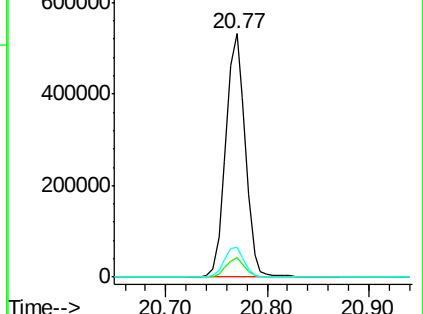
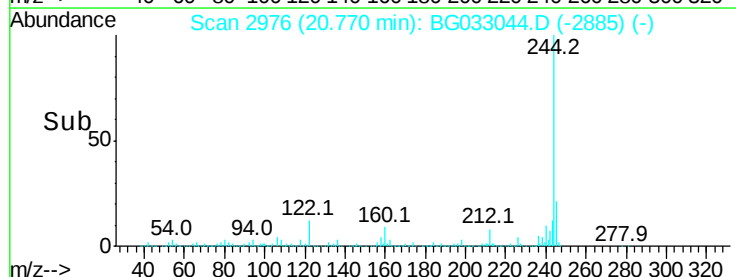
122 12.2 7.0 10.4#

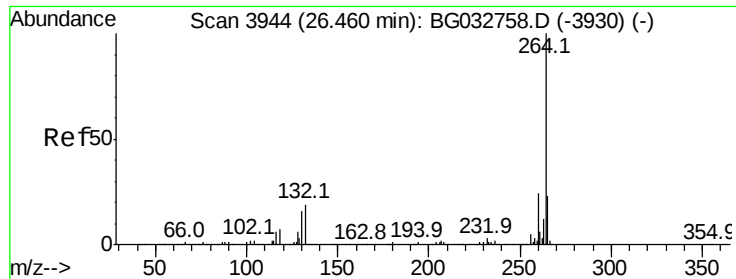


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG033044.D
Acq: 8 Mar 2018 17:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 287010

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	21.8	17.7	26.5

