

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091918\
 Data File : BG036840.D
 Acq On : 20 Sep 2018 8:51
 Operator : JU/SJ
 Sample : J4979-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 20 09:28:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

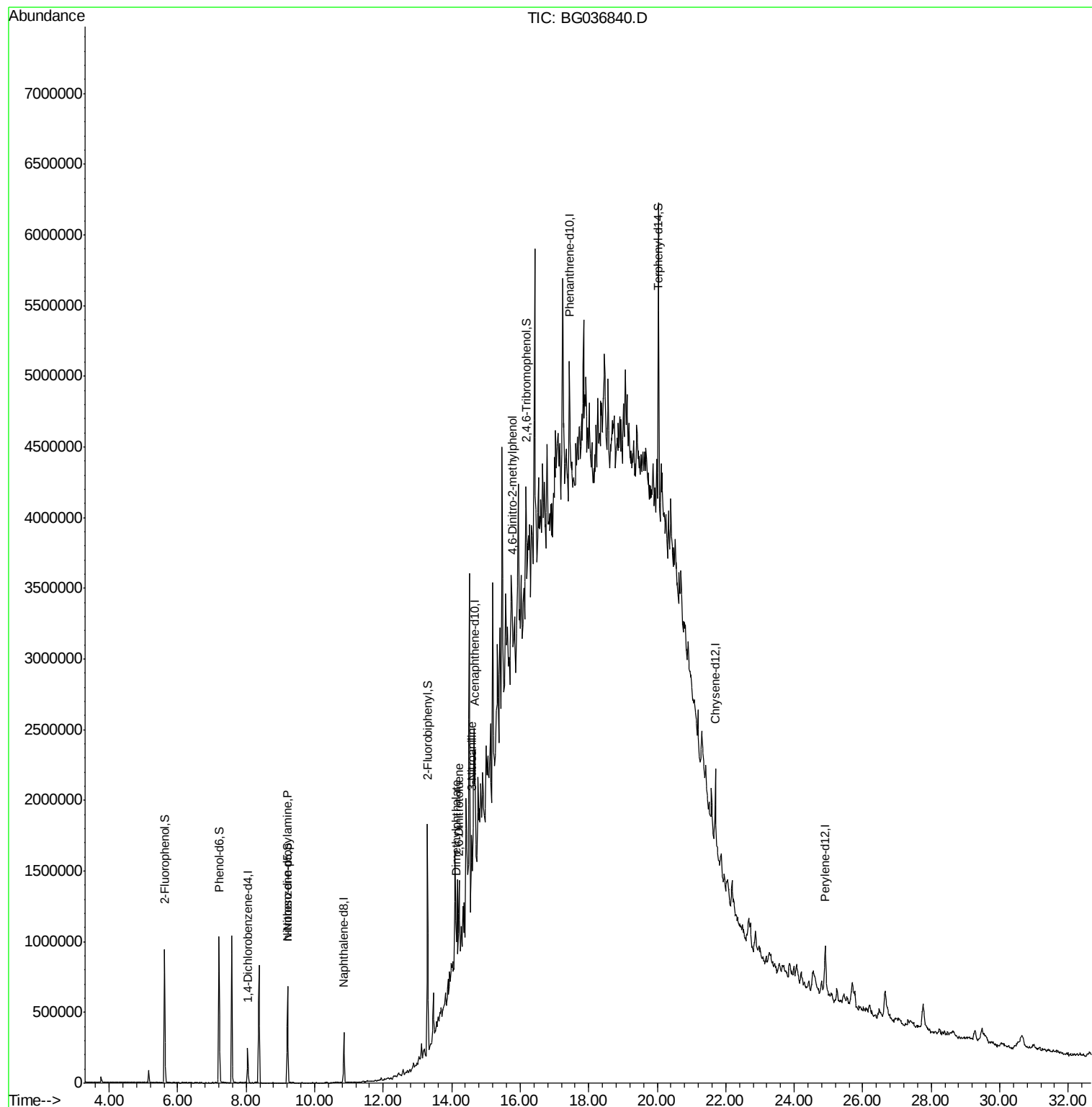
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	71746	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	303316	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	156442	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	290240	20.00	ng	0.00
75) Chrysene-d12	21.70	240	311877	20.00	ng	0.00
86) Perylene-d12	24.90	264	323744	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	400699	88.59	ng	0.00
7) Phenol-d6	7.20	99	616101	95.14	ng	-0.01
23) Nitrobenzene-d5	9.21	82	421203	75.34	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	172754	92.55	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	811811	74.09	ng	-0.01
78) Terphenyl-d14	20.04	244	957742	71.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	57556	11.893	ng	# 69
49) Dimethylphthalate	14.12	163	102237	8.003	ng	# 91
50) 2,6-Dinitrotoluene	14.23	165	12173	4.631	ng	# 25
52) 3-Nitroaniline	14.58	138	22612	7.983	ng	# 19
64) 4,6-Dinitro-2-methylphenol	15.77	198	5306	4.162	ng	# 1

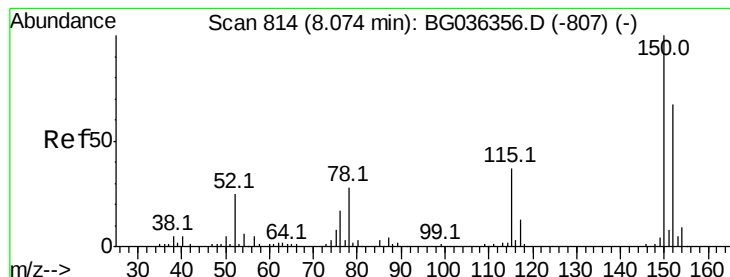
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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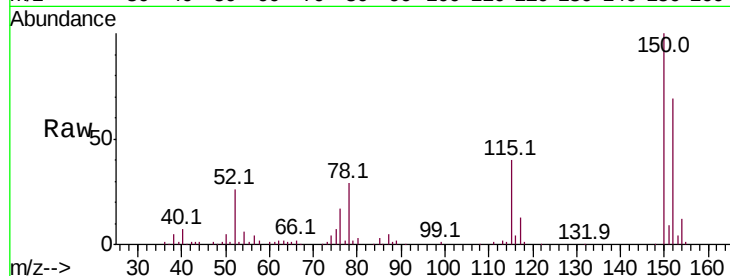


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BG036840.D
 Acq: 20 Sep 2018 8:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.5	119.5	179.3
115	58.9	44.5	66.7

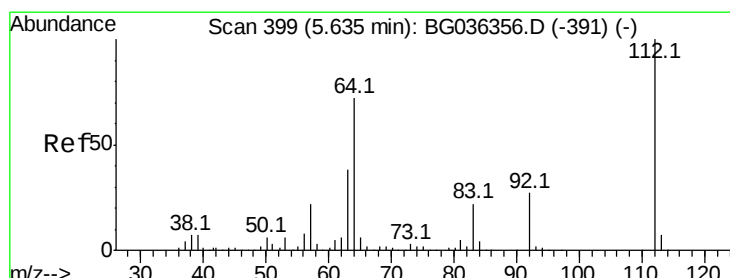
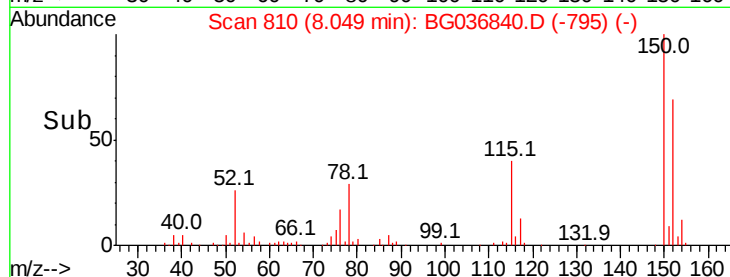
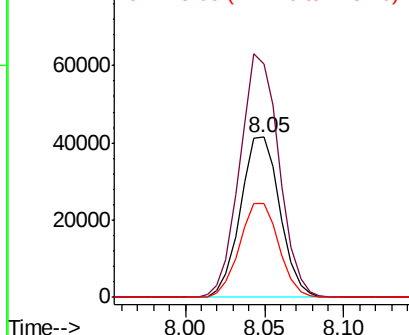


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

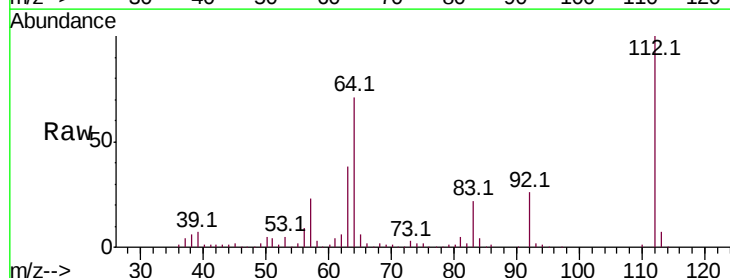
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 88.594 ng
 RT: 5.62 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BG036840.D
 Acq: 20 Sep 2018 8:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.5	57.2	85.8
63	37.8	30.8	46.2

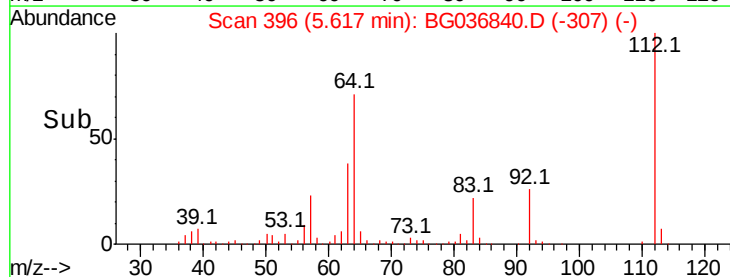
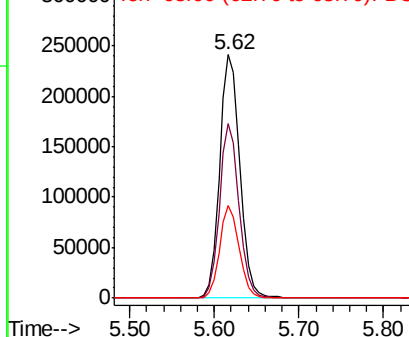


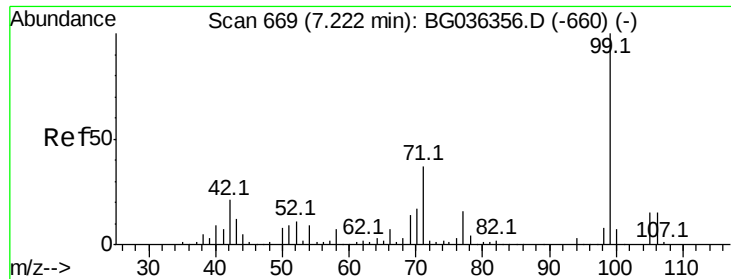
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 95.142 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036840.D

Acq: 20 Sep 2018 8:51

Instrument :

BNA_G

ClientSampleId :

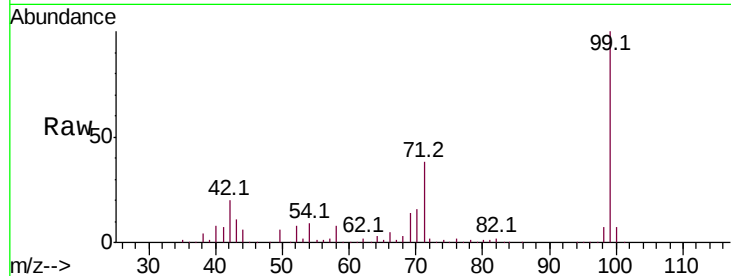
Tot Ion: 99 Resp: 616101

Ion Ratio Lower Upper

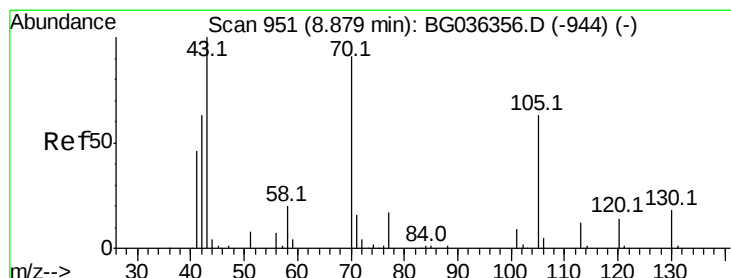
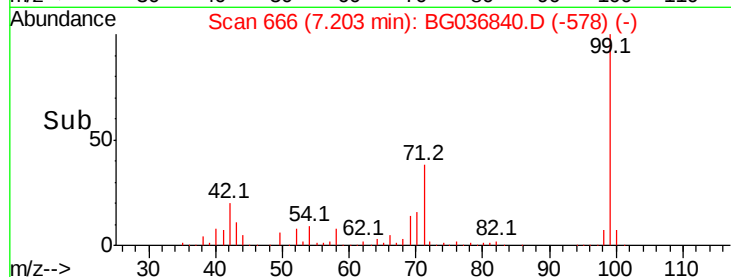
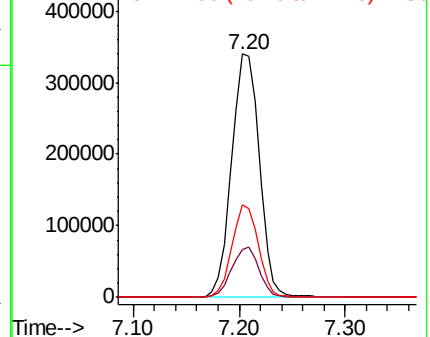
99 100

42 19.8 16.5 24.7

71 37.8 29.4 44.2



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: 11.893 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.34 min

Lab File: BG036840.D

Acq: 20 Sep 2018 8:51

Tgt Ion: 70 Resp: 57556

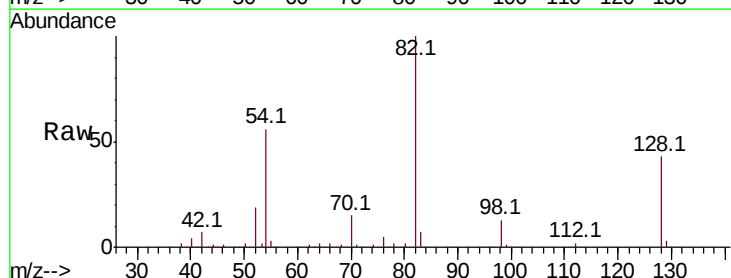
Ion Ratio Lower Upper

70 100

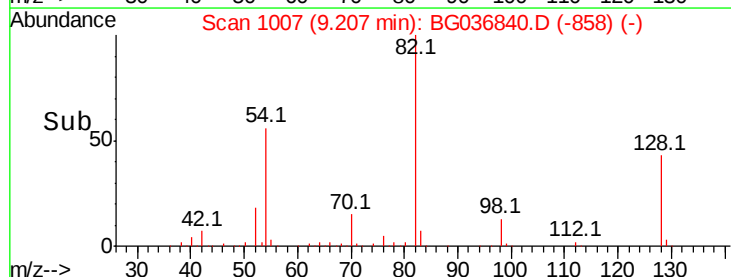
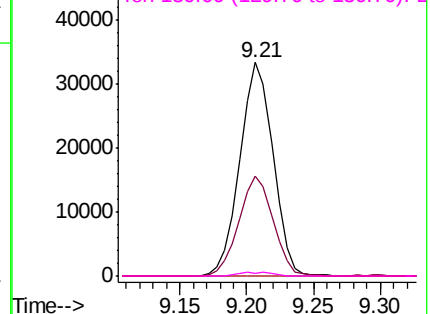
42 46.5 56.2 84.4#

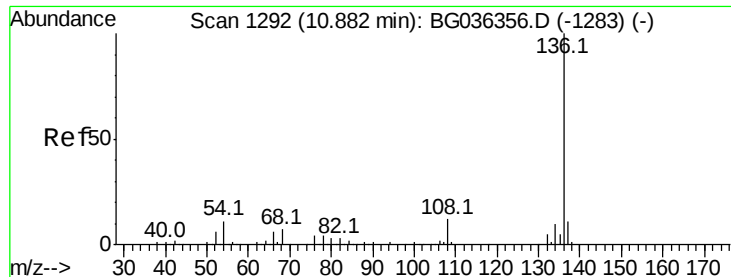
101 0.0 7.8 11.6#

130 1.5 16.2 24.2#



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: 10.85 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG036840.D

Acq: 20 Sep 2018 8:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 303316

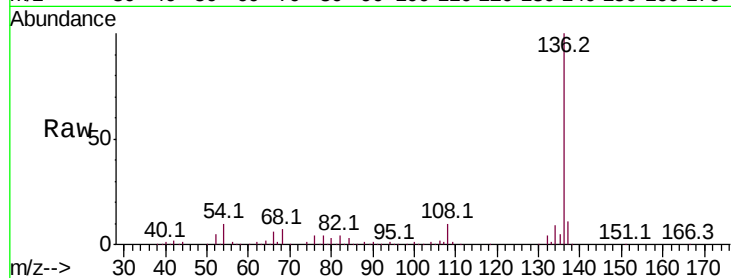
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 10.2 9.2 13.8

68 6.9 5.8 8.6

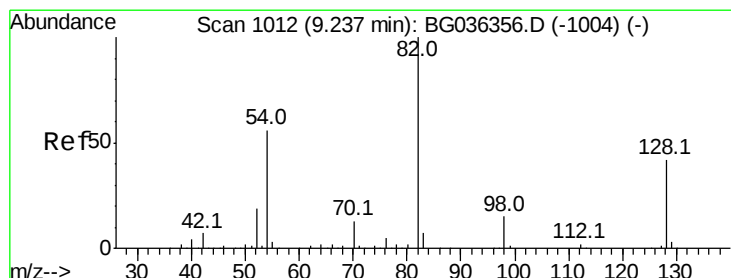
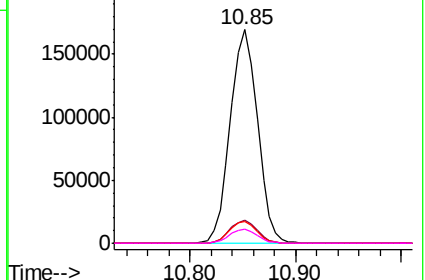
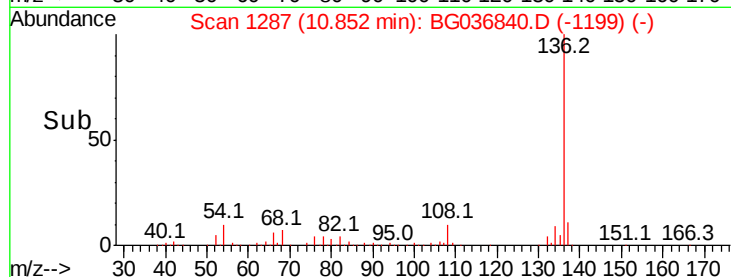


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 75.344 ng

RT: 9.21 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BG036840.D

Acq: 20 Sep 2018 8:51

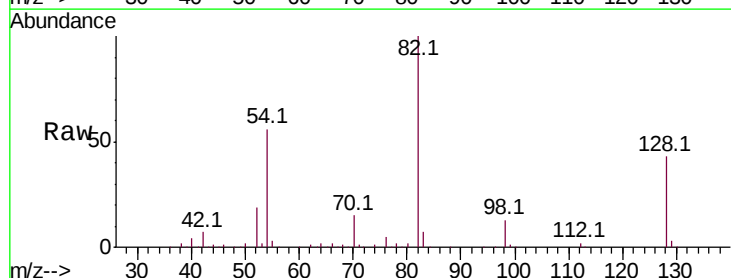
Tgt Ion: 82 Resp: 421203

Ion Ratio Lower Upper

82 100

128 43.5 33.3 49.9

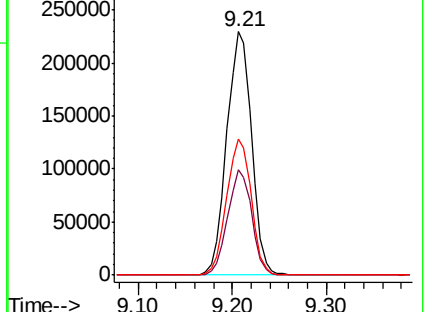
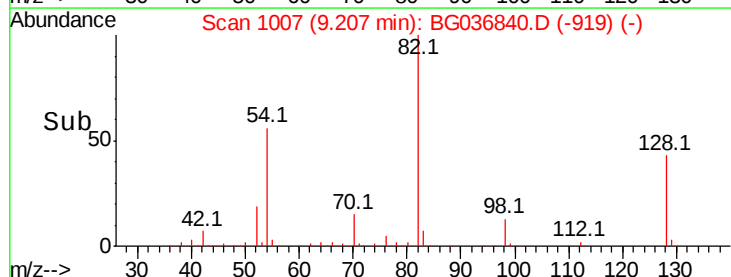
54 55.8 45.1 67.7

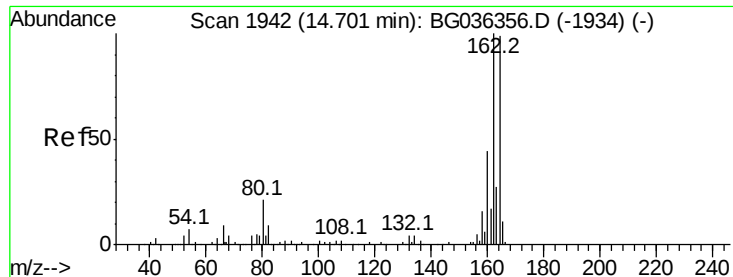


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036840.D

Acq: 20 Sep 2018 8:51

Instrument :

BNA_G

ClientSampleId :

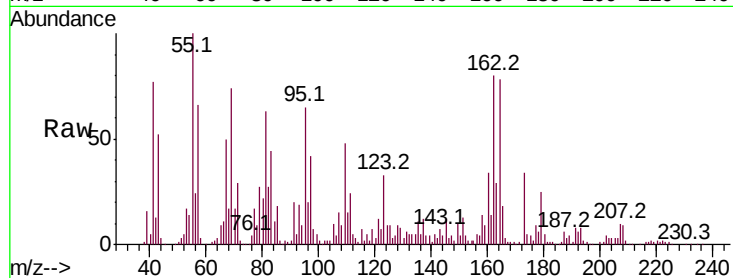
Tot Ion:164 Resp: 156442

Ion Ratio Lower Upper

164 100

162 101.6 80.7 121.1

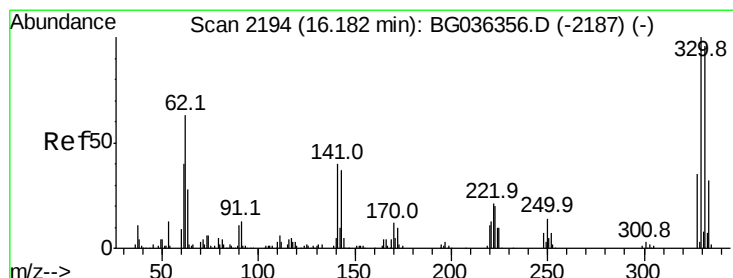
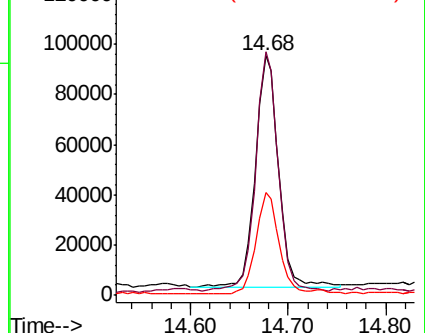
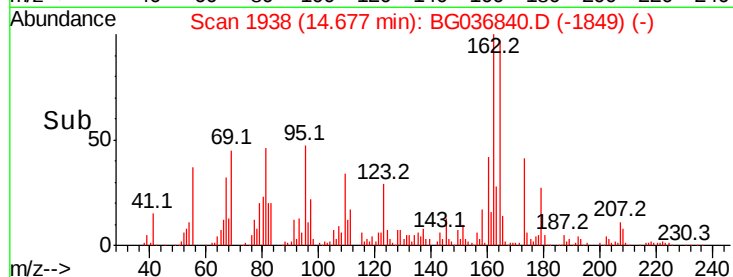
160 43.0 35.3 52.9



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: 92.545 ng

RT: 16.17 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BG036840.D

Acq: 20 Sep 2018 8:51

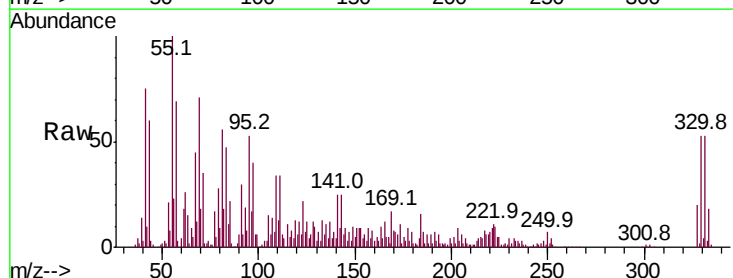
Tgt Ion:330 Resp: 172754

Ion Ratio Lower Upper

330 100

332 96.3 75.4 113.2

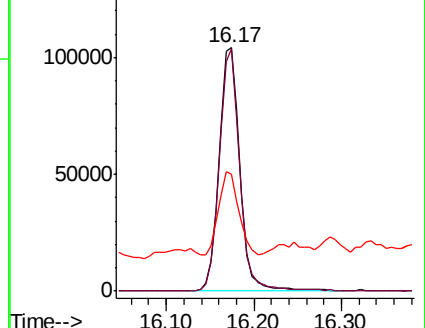
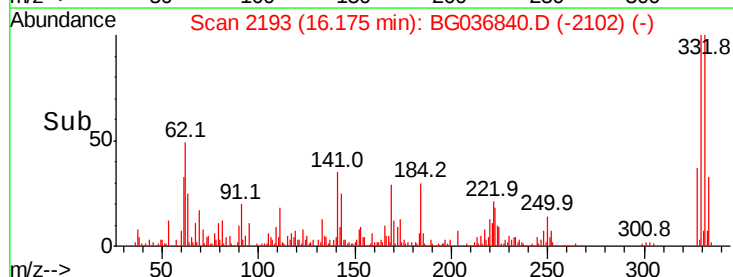
141 33.0 30.7 46.1

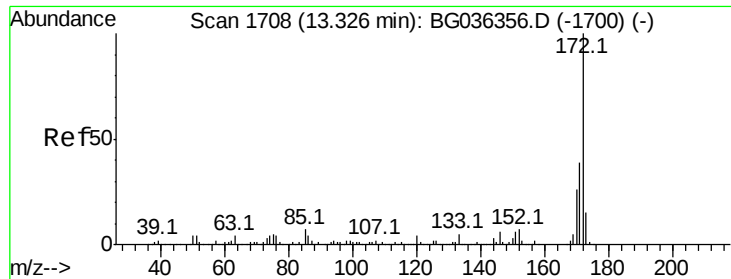


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

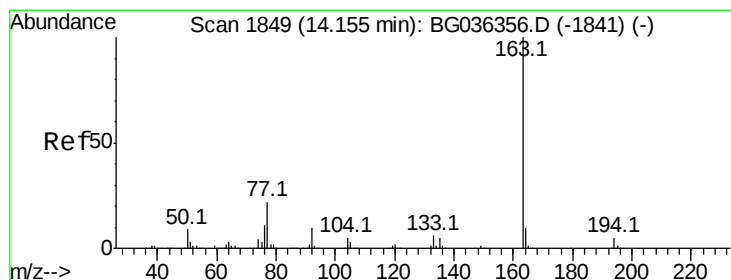
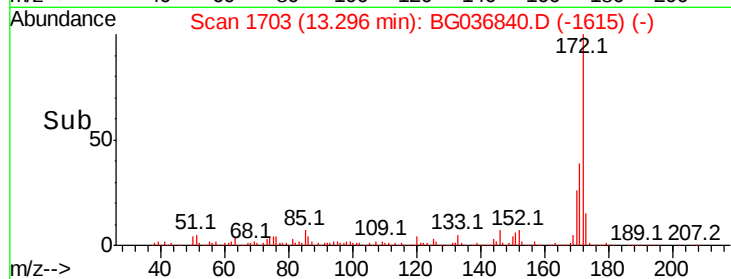
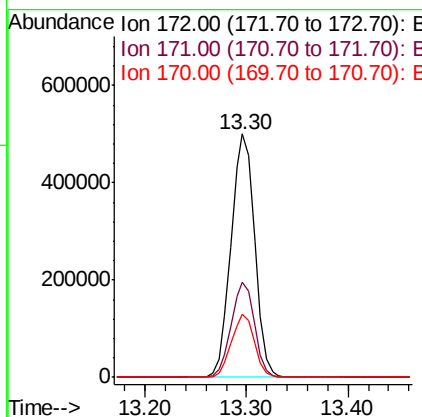
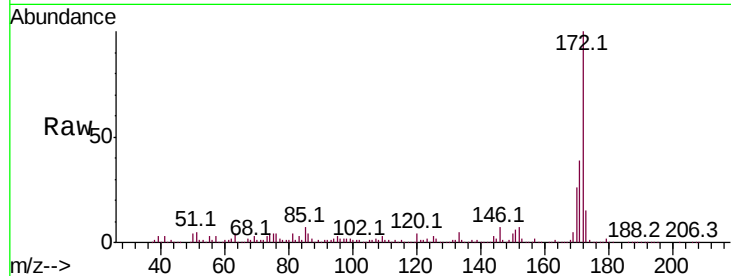




#44
2-Fluorobiphenyl
Concen: 74.093 ng
RT: 13.30 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG036840.D
Acq: 20 Sep 2018 8:51

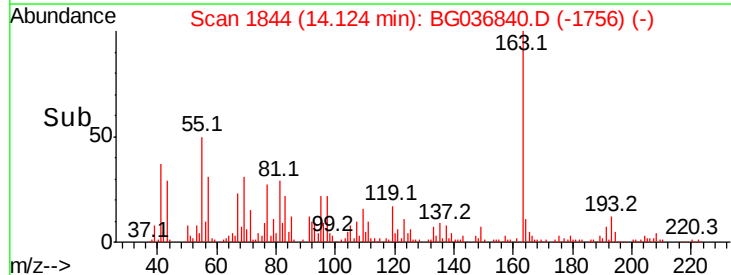
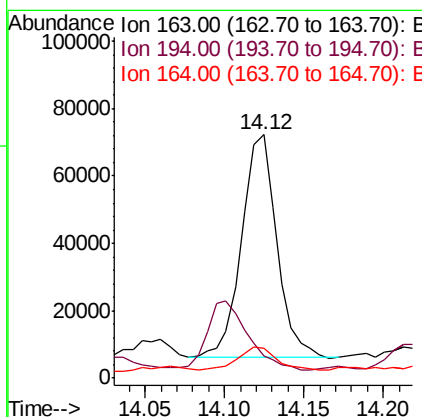
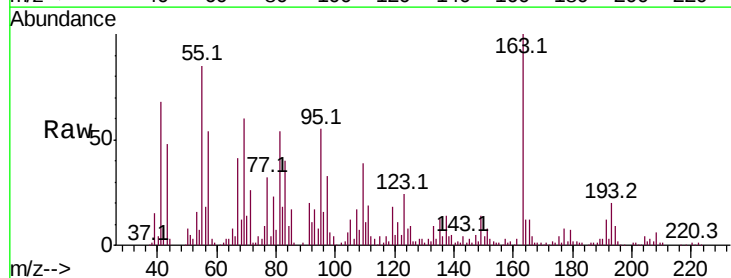
Instrument :
BNA_G
ClientSampleId :

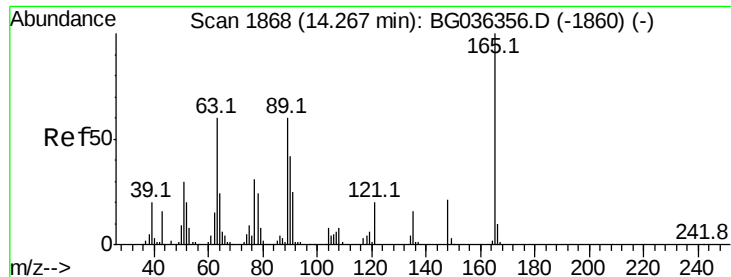
Tot Ion:172 Resp: 811811
Ion Ratio Lower Upper
172 100
171 39.1 31.3 46.9
170 25.9 21.0 31.6



#49
Dimethylphthalate
Concen: 8.003 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BG036840.D
Acq: 20 Sep 2018 8:51

Tgt Ion:163 Resp: 102237
Ion Ratio Lower Upper
163 100
194 9.4 4.0 6.0#
164 12.4 8.1 12.1#

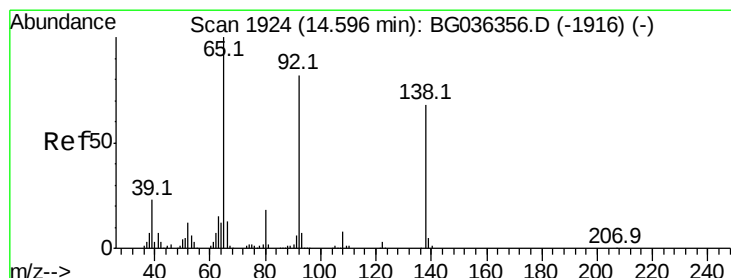
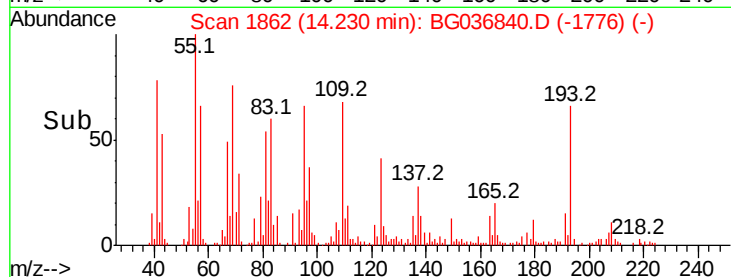
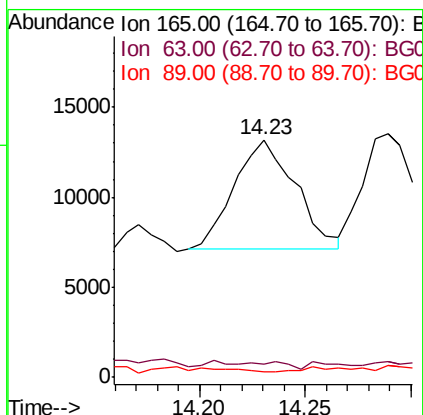
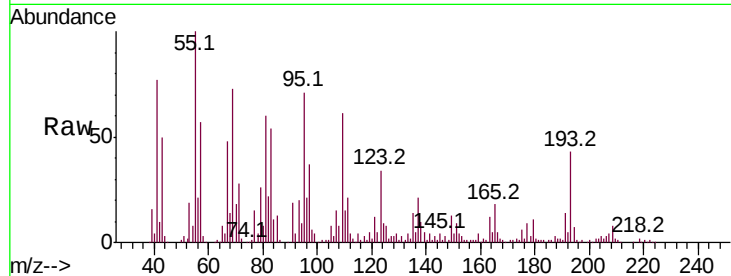




#50
2,6-Dinitrotoluene
Concen: 4.631 ng
RT: 14.23 min Scan# 1862
Delta R.T. -0.03 min
Lab File: BG036840.D
Acq: 20 Sep 2018 8:51

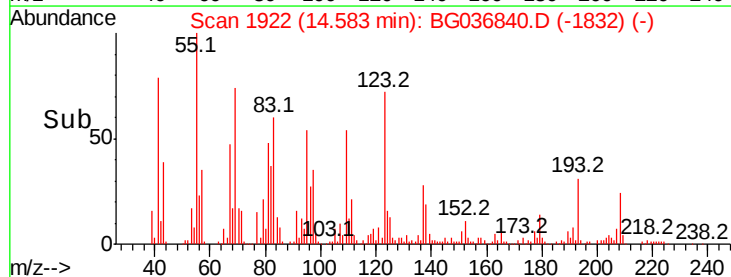
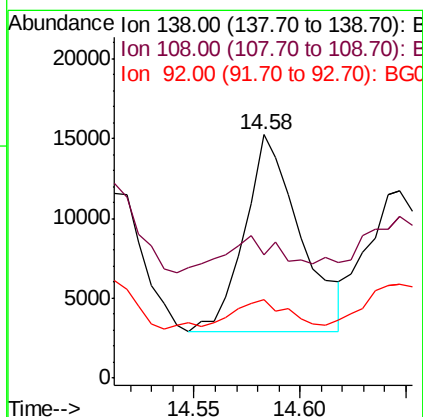
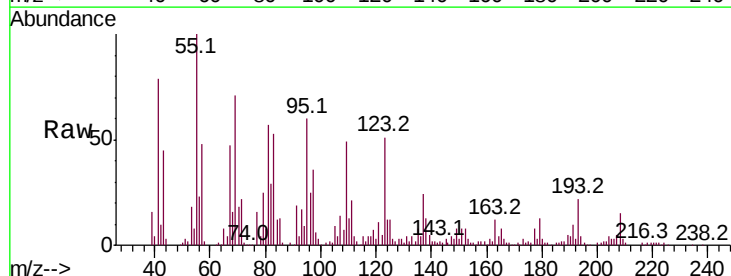
Instrument :
BNA_G
ClientSampled :

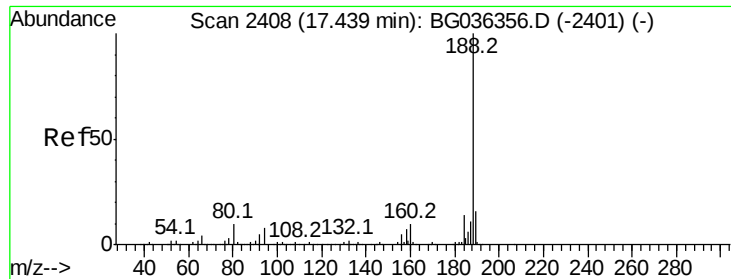
Tot Ion:165 Resp: 12173
Ion Ratio Lower Upper
165 100
63 5.7 50.1 75.1#
89 2.1 47.8 71.6#



#52
3-Nitroaniline
Concen: 7.983 ng
RT: 14.58 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BG036840.D
Acq: 20 Sep 2018 8:51

Tgt Ion:138 Resp: 22612
Ion Ratio Lower Upper
138 100
108 50.8 9.4 14.2#
92 32.1 96.8 145.2#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. 0.00 min

Lab File: BG036840.D

Acq: 20 Sep 2018 8:51

Instrument :

BNA_G

ClientSampled :

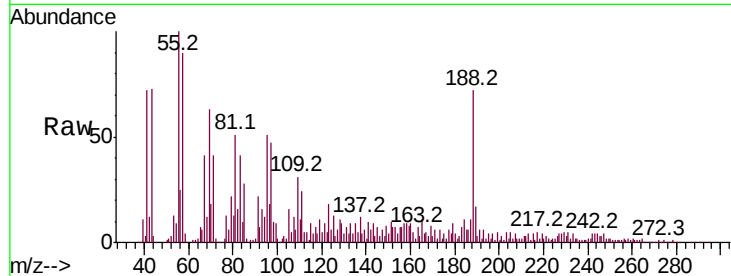
Tot Ion:188 Resp: 290240

Ion Ratio Lower Upper

188 100

94 16.1 6.7 10.1#

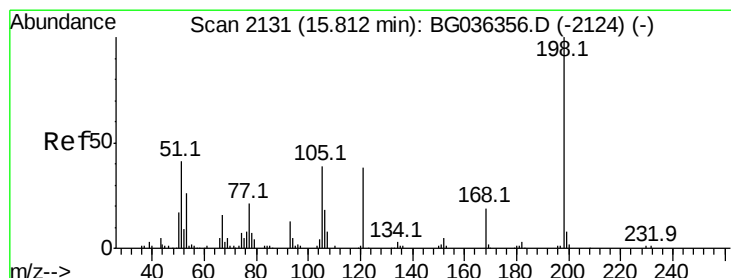
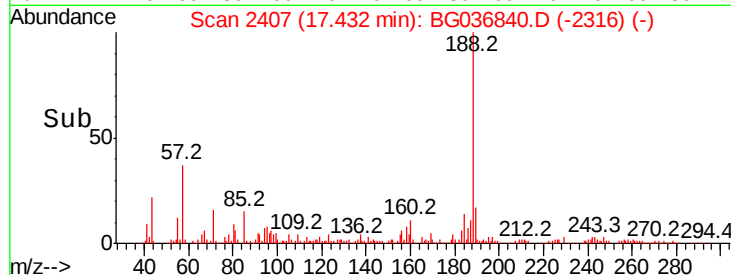
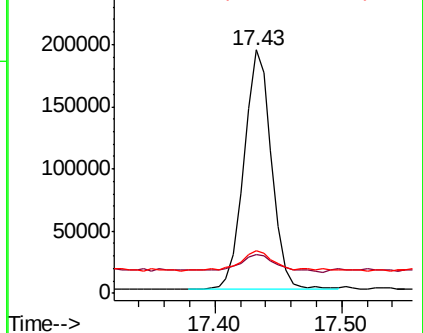
80 17.7 8.1 12.1#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 4.162 ng

RT: 15.77 min Scan# 2124

Delta R.T. -0.03 min

Lab File: BG036840.D

Acq: 20 Sep 2018 8:51

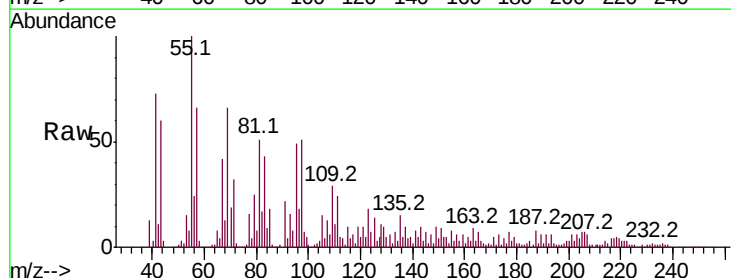
Tgt Ion:198 Resp: 5306

Ion Ratio Lower Upper

198 100

51 157.3 26.5 66.5#

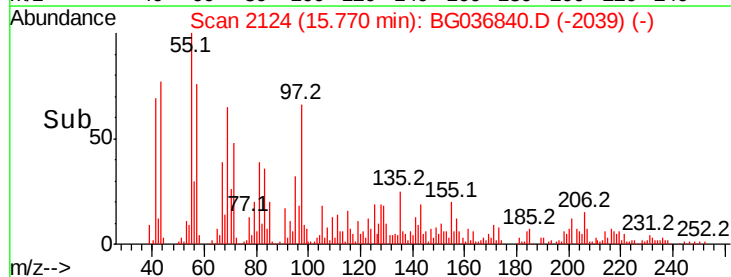
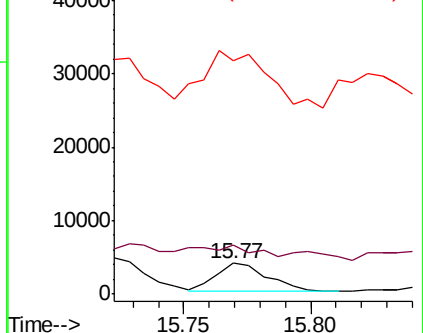
105 750.3 20.2 60.2#

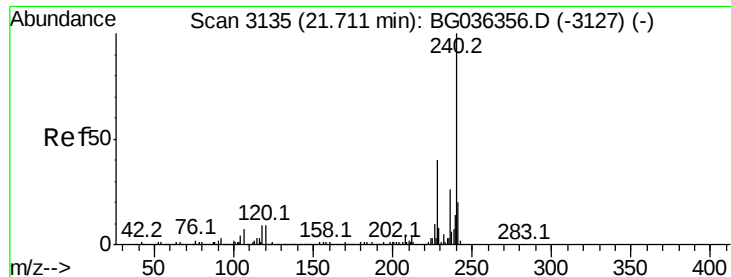


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3133

Delta R.T. 0.00 min

Lab File: BG036840.D

Acq: 20 Sep 2018 8:51

Instrument :

BNA_G

ClientSampled :

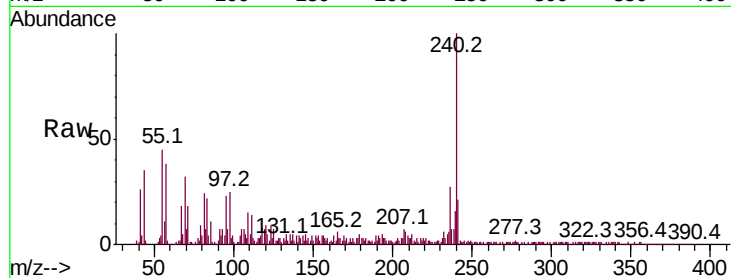
Tot Ion:240 Resp: 311877

Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

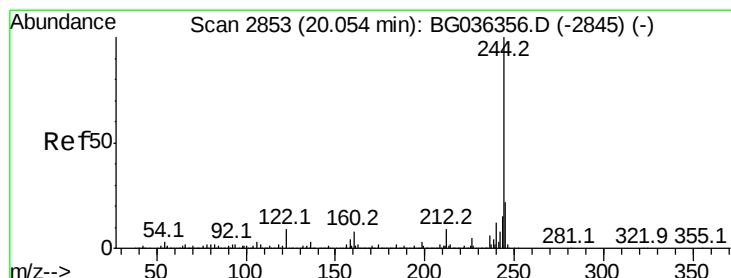
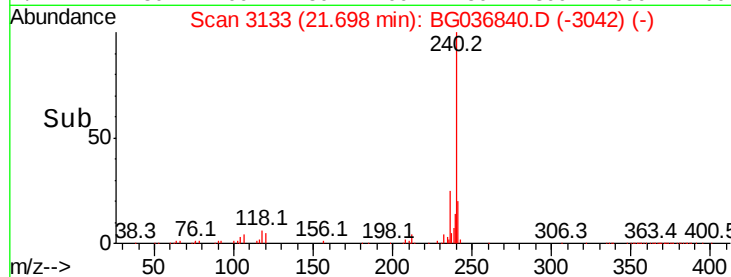
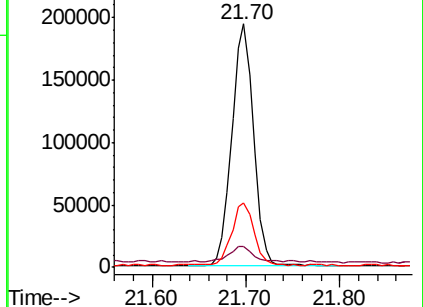
236 26.6 21.2 31.8



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: 71.777 ng

RT: 20.04 min Scan# 2851

Delta R.T. 0.01 min

Lab File: BG036840.D

Acq: 20 Sep 2018 8:51

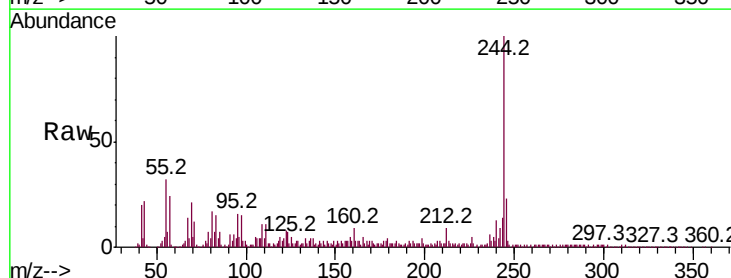
Tgt Ion:244 Resp: 957742

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

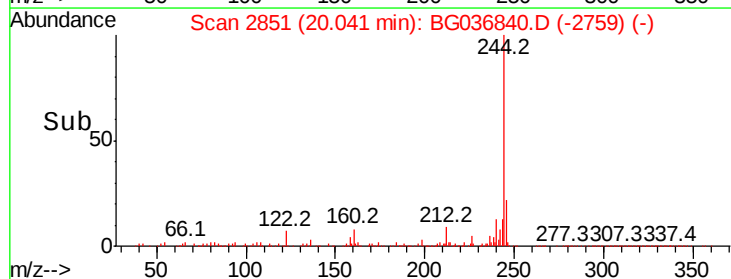
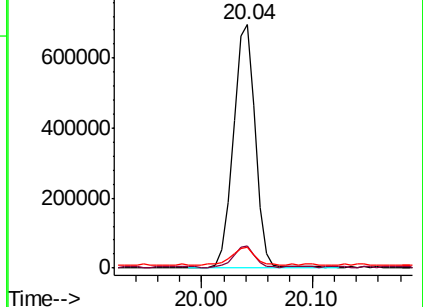
122 8.3 7.1 10.7

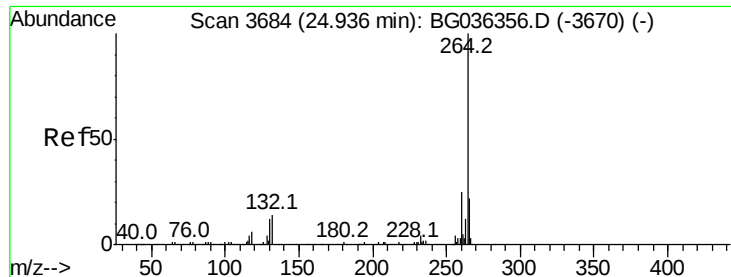


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

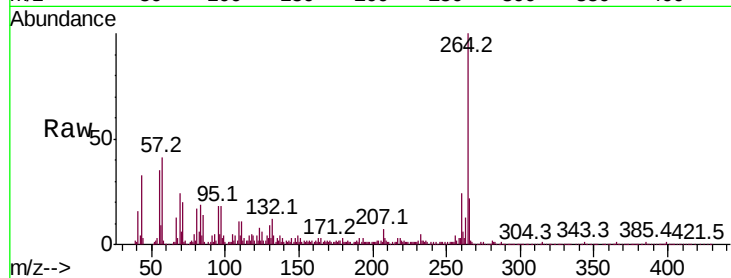




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG036840.D
Acq: 20 Sep 2018 8:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	22.1	17.4	26.0



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

