

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
 Data File : BG033086.D
 Acq On : 12 Mar 2018 13:01
 Operator : SJ/JU
 Sample : J1873-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 12 15:29:41 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

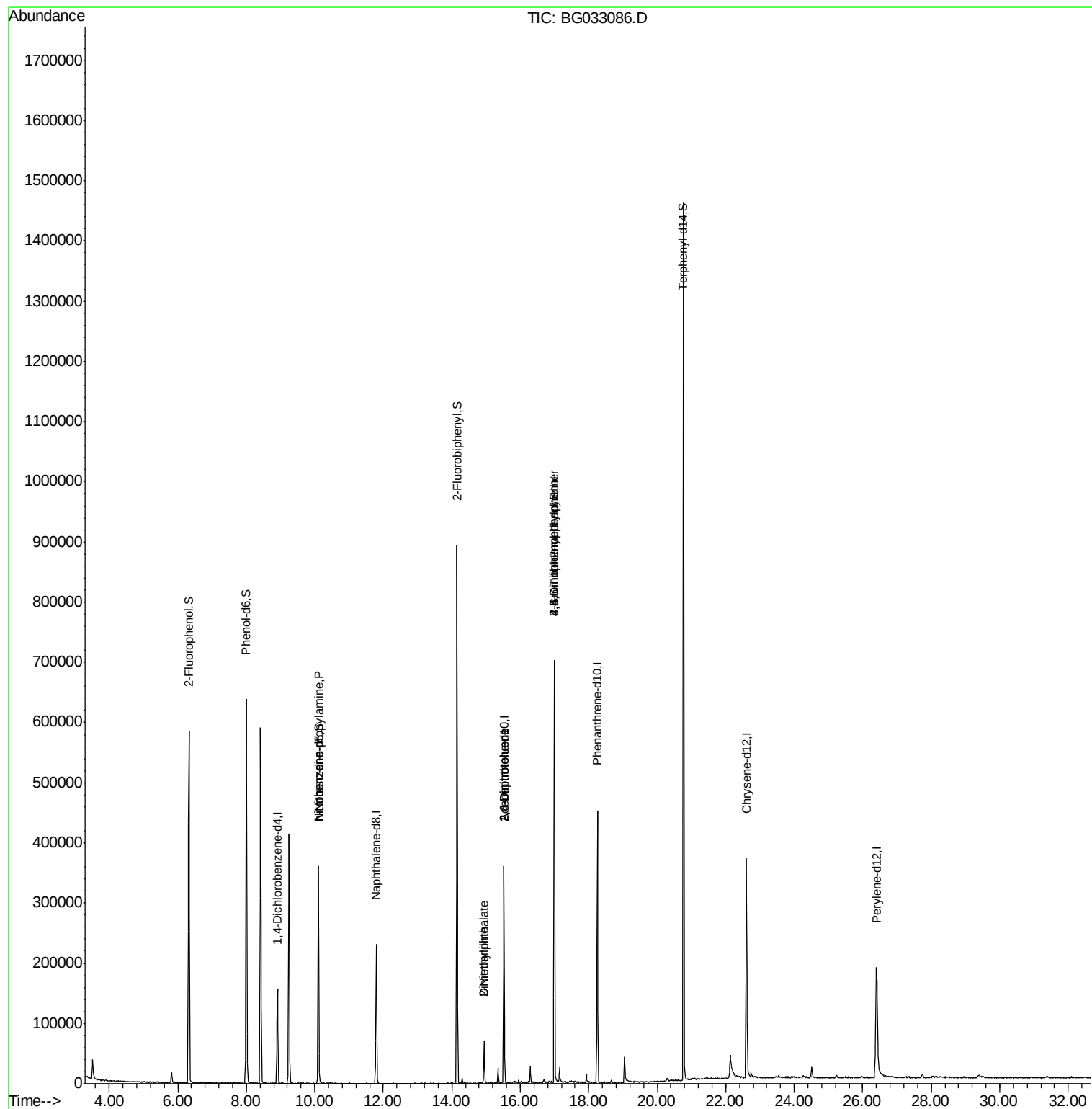
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	46171	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	205626	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	120934	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	267770	20.00	ng	0.00
75) Chrysene-d12	22.60	240	257688	20.00	ng	0.00
86) Perylene-d12	26.40	264	247698	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	274136	94.99	ng	0.00
7) Phenol-d6	8.00	99	385818	95.91	ng	0.00
23) Nitrobenzene-d5	10.11	82	225671	77.19	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	122719	96.51	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	478913	57.11	ng	0.00
78) Terphenyl-d14	20.76	244	676500	58.98	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.11	70	29999	10.564	ng	# 78
24) Nitrobenzene	10.11	77	709	6.568	ng	# 26
47) 2-Nitroaniline	14.94	65	358	9.979	ng	# 1
49) Dimethylphthalate	14.94	163	43115	4.199	ng	100
50) 2,6-Dinitrotoluene	15.52	165	15326	16.244	ng	# 21
56) 2,4-Dinitrotoluene	15.52	165	15326	14.441	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.99	198	366	5.530	ng	# 63
66) 4-Bromophenyl-phenylether	16.99	248	8786	3.103	ng	# 1

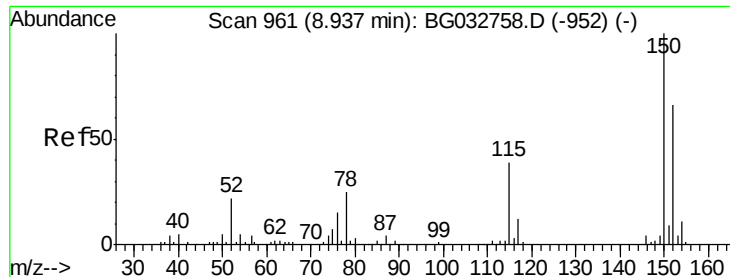
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
Data File : BG033086.D
Acq On : 12 Mar 2018 13:01
Operator : SJ/JU
Sample : J1873-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 12 15:29:41 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration



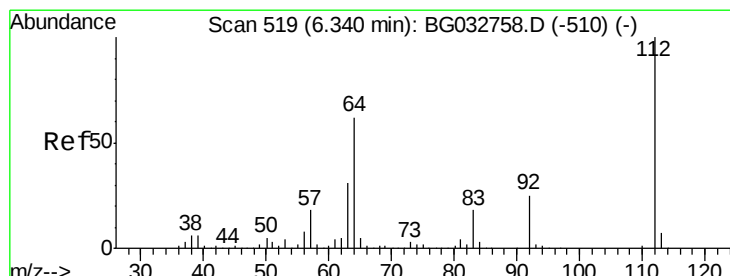
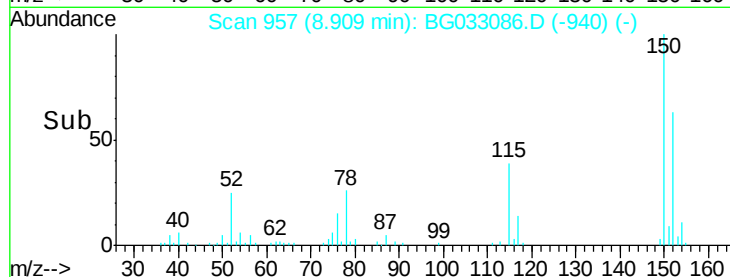
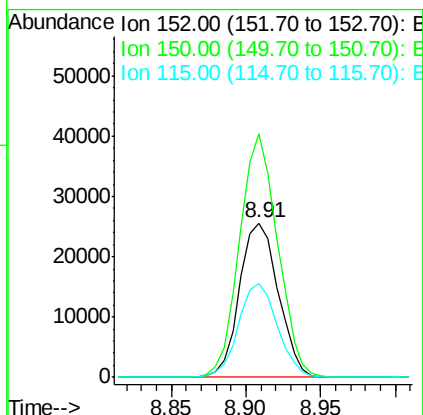
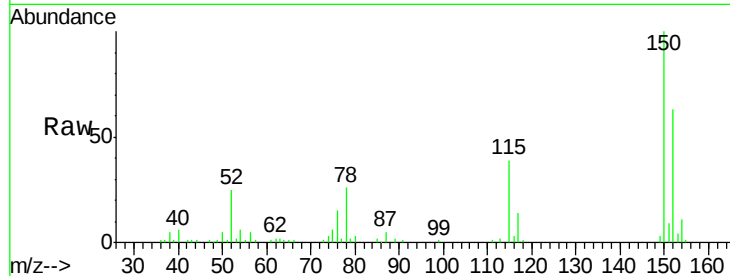


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033086.D
Acq: 12 Mar 2018 13:01

Instrument :
BNA_G
ClientSampled :

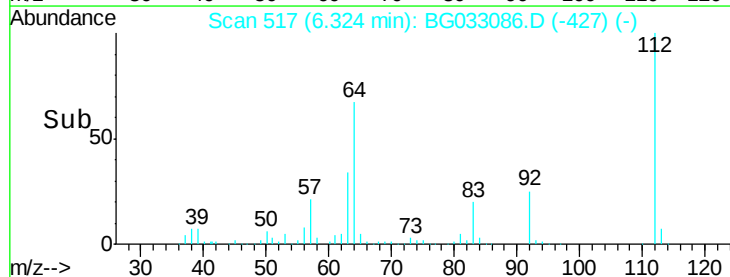
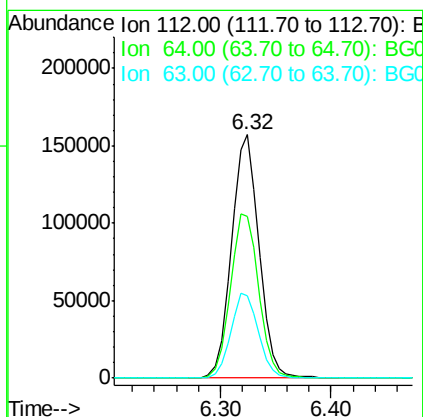
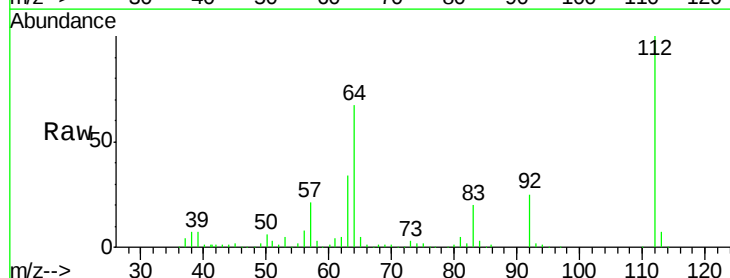
Tot Ion:152 Resp: 46171
Ion Ratio Lower Upper
152 100
150 157.7 126.6 189.8
115 61.1 53.0 79.4



#5

2-Fluorophenol
Concen: 94.990 ng
RT: 6.32 min Scan# 517
Delta R.T. -0.00 min
Lab File: BG033086.D
Acq: 12 Mar 2018 13:01

Tgt Ion:112 Resp: 274136
Ion Ratio Lower Upper
112 100
64 66.5 56.3 84.5
63 33.8 30.1 45.1





#7

Phenol-d6

Concen: 95.912 ng

RT: 8.00 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033086.D

Acq: 12 Mar 2018 13:01

Instrument :

BNA_G

ClientSampled :

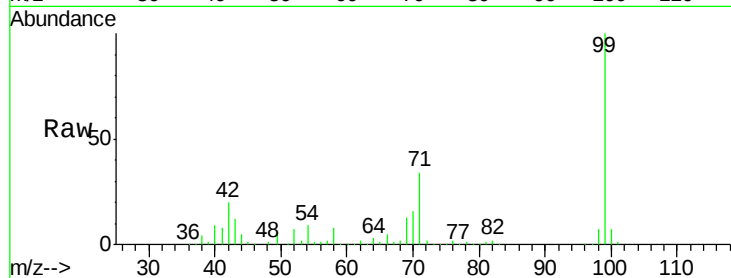
Tot Ion: 99 Resp: 385818

Ion Ratio Lower Upper

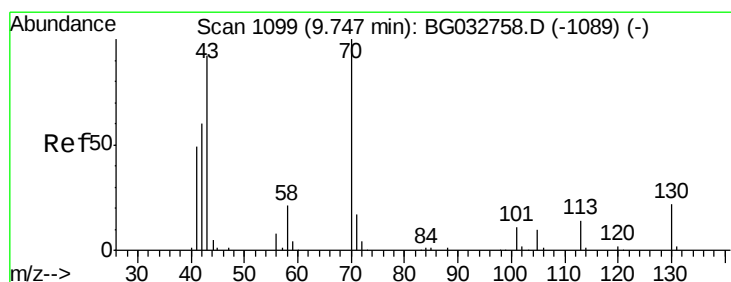
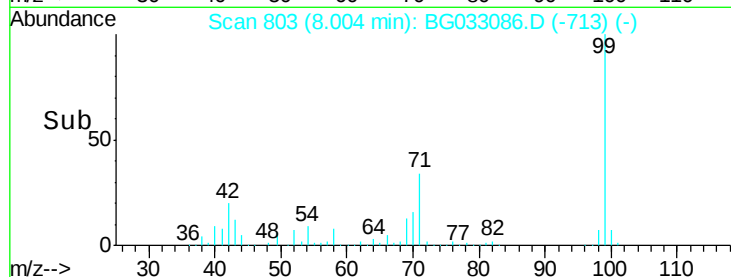
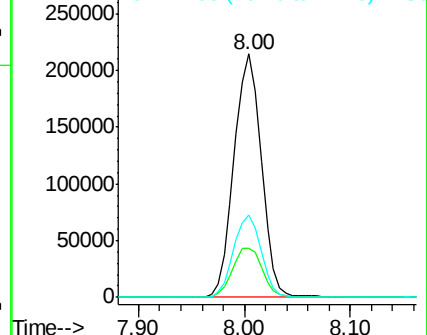
99 100

42 20.4 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: 10.564 ng

RT: 10.11 min Scan# 1161

Delta R.T. 0.39 min

Lab File: BG033086.D

Acq: 12 Mar 2018 13:01

Tgt Ion: 70 Resp: 29999

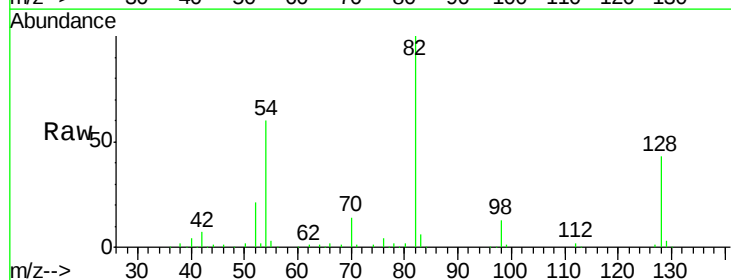
Ion Ratio Lower Upper

70 100

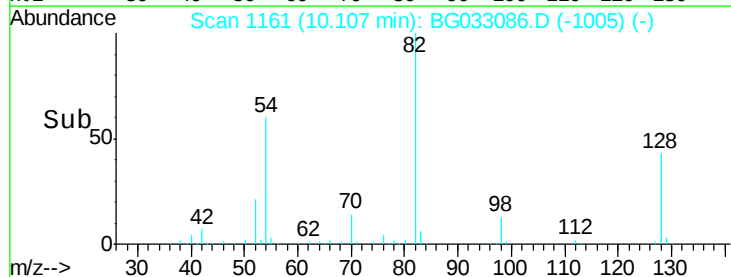
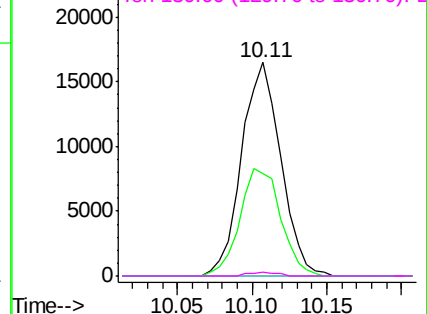
42 47.9 49.1 73.7#

101 0.0 8.5 12.7#

130 1.8 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

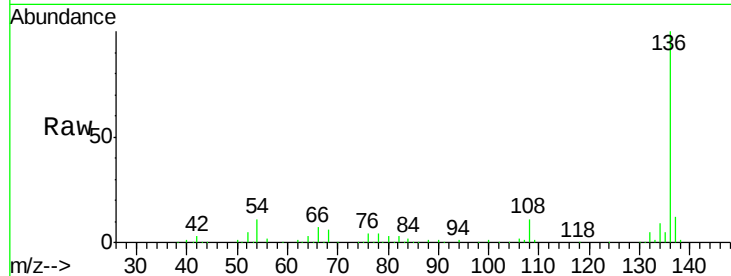




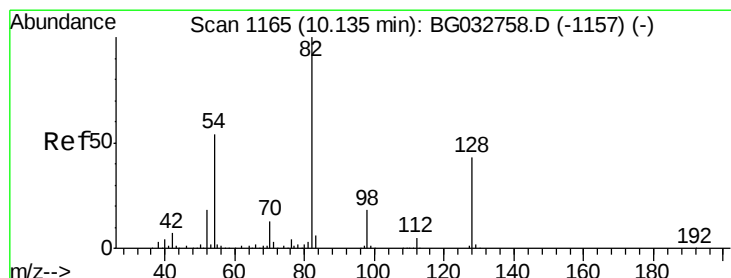
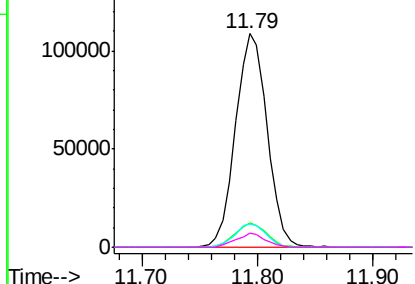
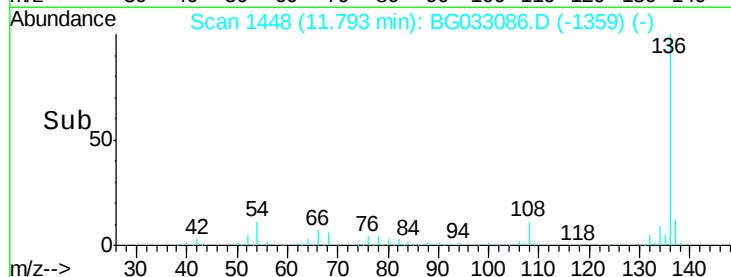
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.79 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BG033086.D
Acq: 12 Mar 2018 13:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	205626
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.2 13.8
54	10.6	10.3 15.5
68	6.4	4.5 6.7

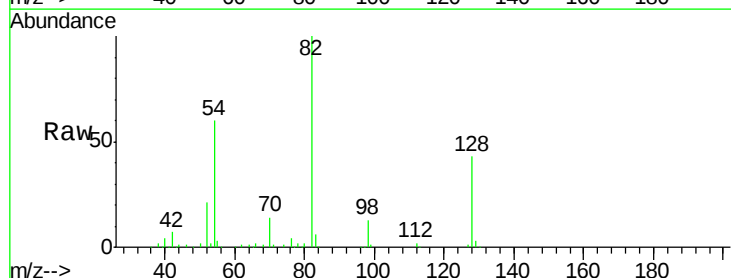


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

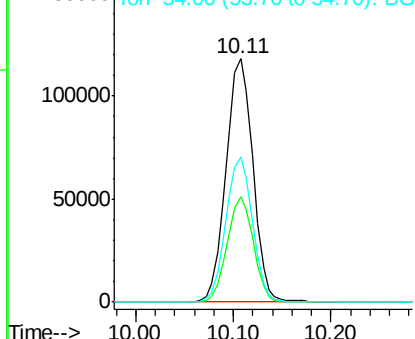
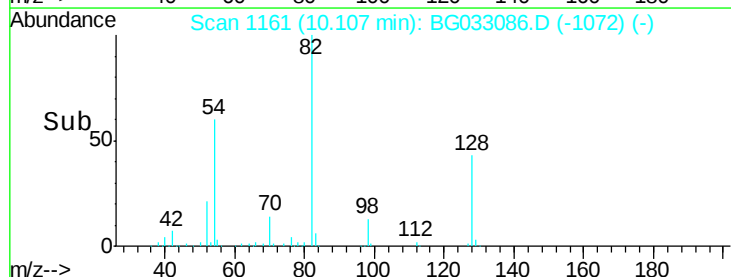


#23
Nitrobenzene-d5
Concen: 77.191 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG033086.D
Acq: 12 Mar 2018 13:01

Tgt Ion: 82	Resp:	225671
Ion Ratio	Lower	Upper
82	100	
128	43.3	29.7 44.5
54	59.8	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: 6.568 ng

RT: 10.11 min Scan# 1161

Delta R.T. -0.05 min

Lab File: BG033086.D

Acq: 12 Mar 2018 13:01

Instrument :

BNA_G

ClientSampled :

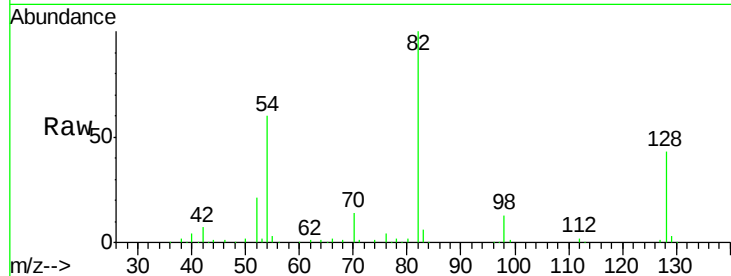
Tot Ion: 77 Resp: 709

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.6#

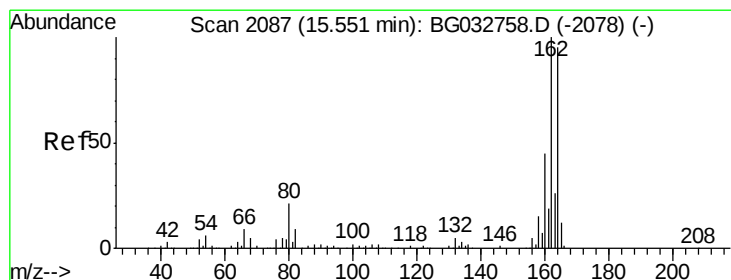
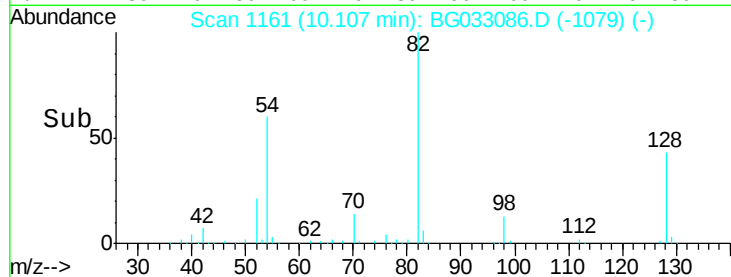
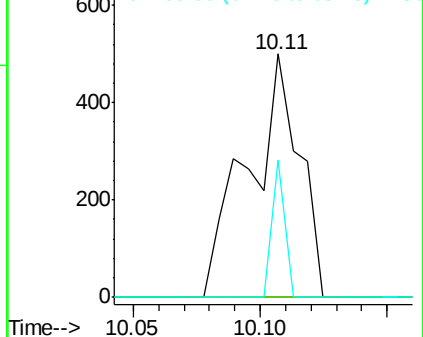
65 56.2 13.0 19.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.52 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BG033086.D

Acq: 12 Mar 2018 13:01

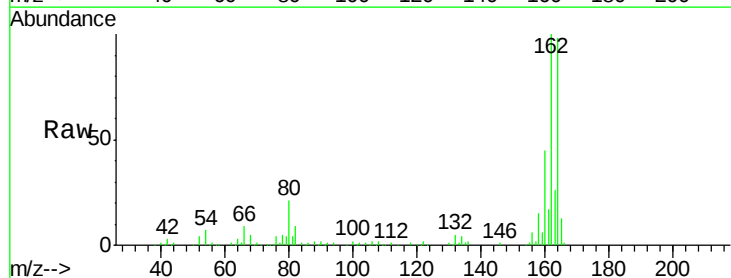
Tgt Ion:164 Resp: 120934

Ion Ratio Lower Upper

164 100

162 102.2 78.8 118.2

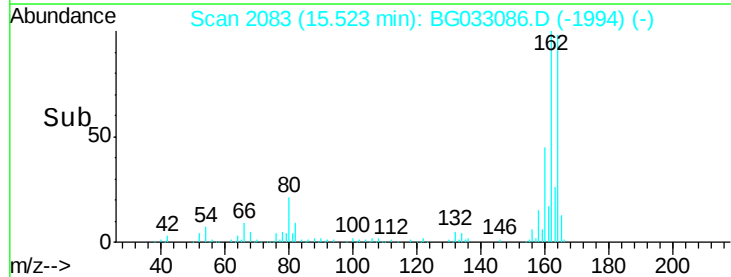
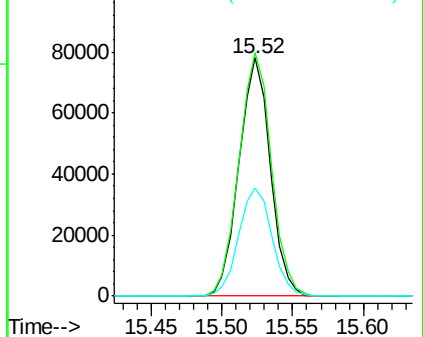
160 45.5 35.4 53.0

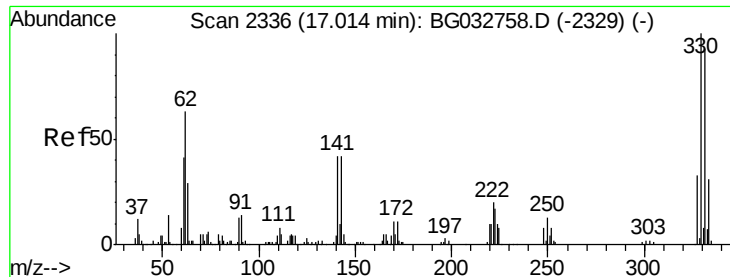


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

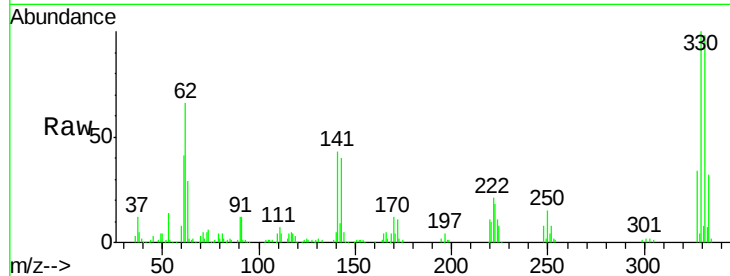




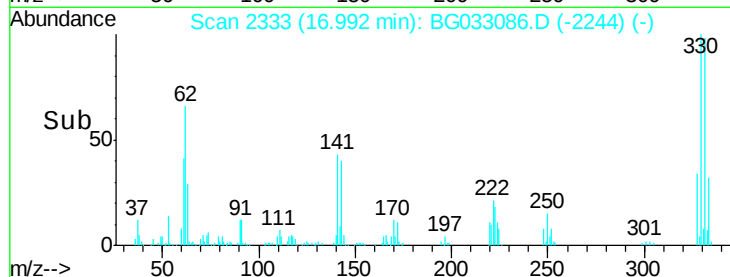
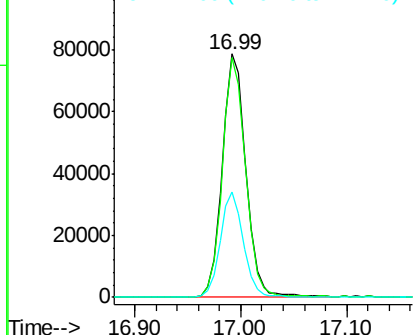
#41
 2,4,6-Tribromophenol
 Concen: 96.509 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.01 min
 Lab File: BG033086.D
 Acq: 12 Mar 2018 13:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 122719
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 42.5 25.2 37.8#

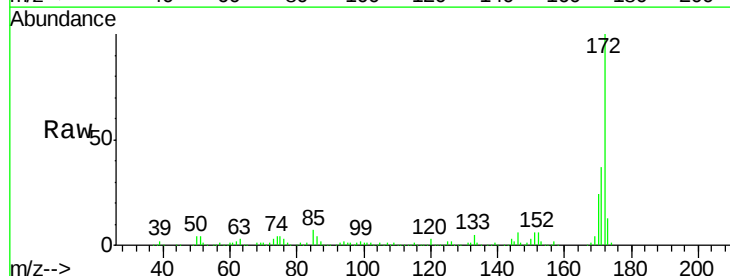


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

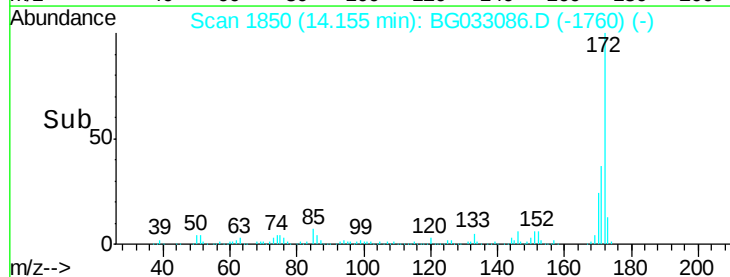
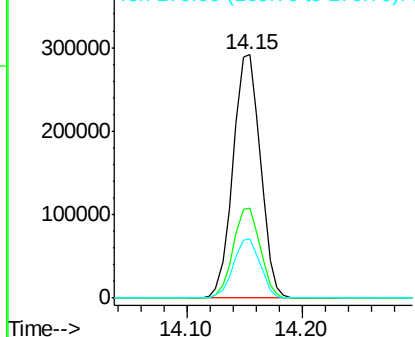


#44
 2-Fluorobiphenyl
 Concen: 57.115 ng
 RT: 14.15 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BG033086.D
 Acq: 12 Mar 2018 13:01

Tgt Ion:172 Resp: 478913
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.0 45.0
 170 24.1 19.5 29.3



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





#47

2-Nitroaniline

Concen: 9.979 ng

RT: 14.94 min Scan# 1984

Delta R.T. 0.34 min

Lab File: BG033086.D

Acq: 12 Mar 2018 13:01

Instrument :

BNA_G

ClientSampleId :

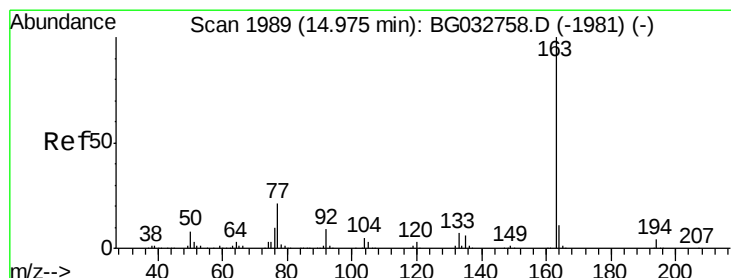
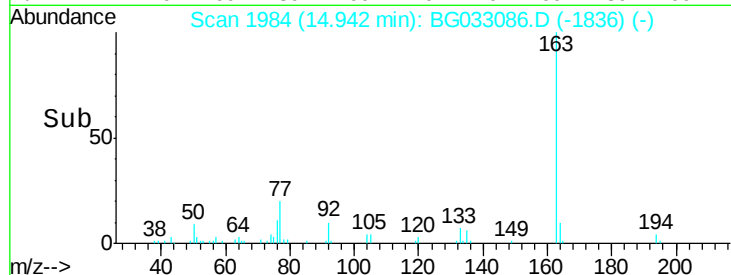
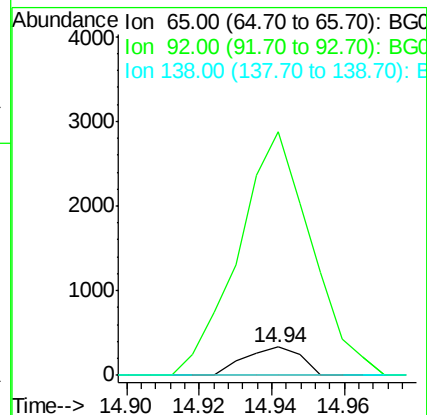
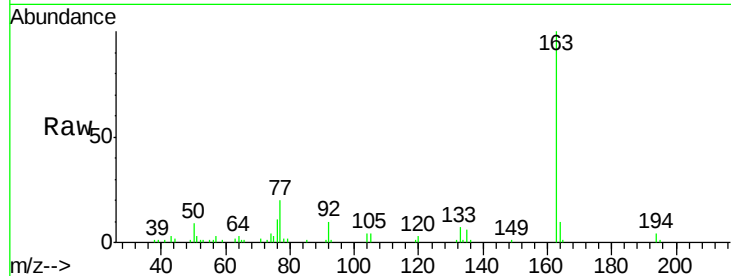
Tot Ion: 65 Resp: 358

Ion Ratio Lower Upper

65 100

92 866.0 54.6 82.0#

138 0.0 72.9 109.3#



#49

Dimethylphthalate

Concen: 4.199 ng

RT: 14.94 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG033086.D

Acq: 12 Mar 2018 13:01

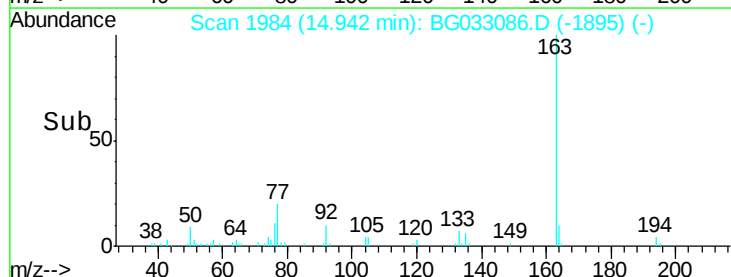
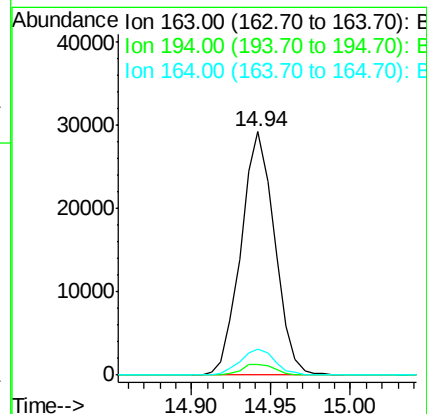
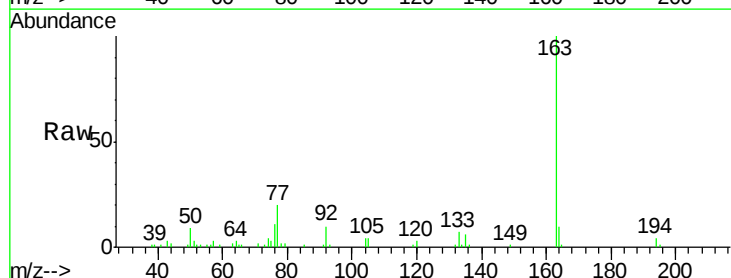
Tgt Ion: 163 Resp: 43115

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

164 10.4 8.2 12.4

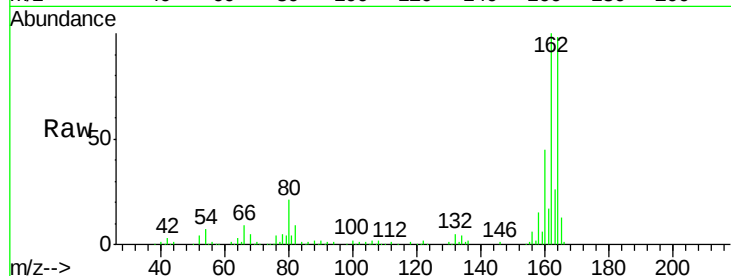




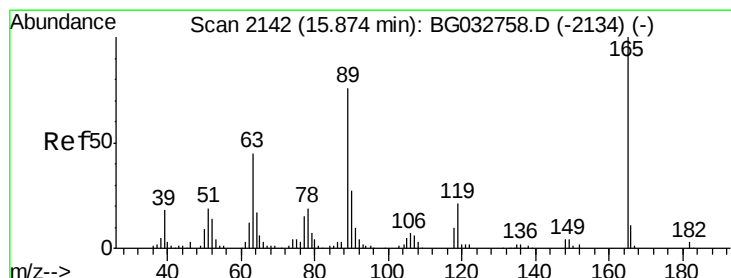
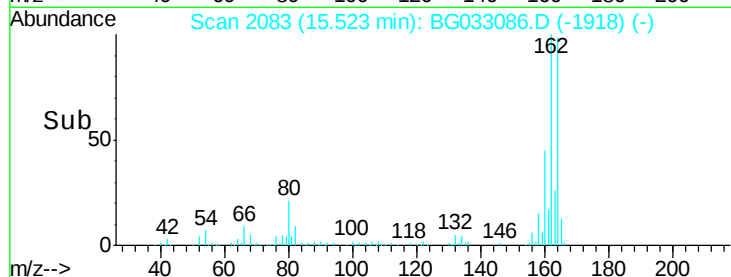
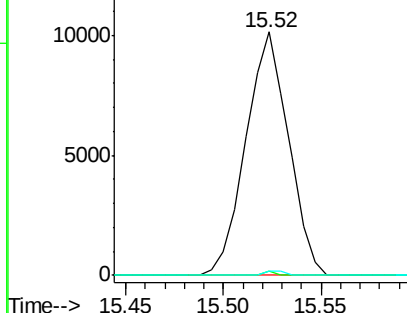
#50
2,6-Dinitrotoluene
Concen: 16.244 ng
RT: 15.52 min Scan# 2083
Delta R.T. 0.44 min
Lab File: BG033086.D
Acq: 12 Mar 2018 13:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 15326
Ion Ratio Lower Upper
165 100
63 1.9 52.7 79.1#
89 1.6 49.2 73.8#

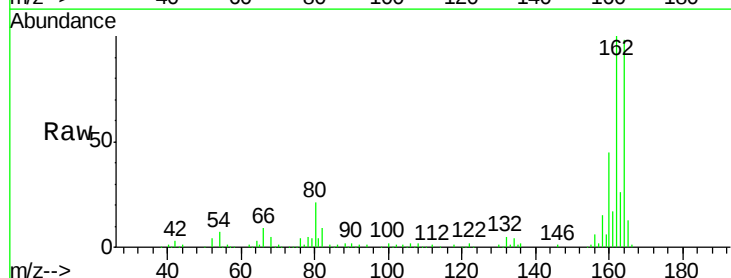


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

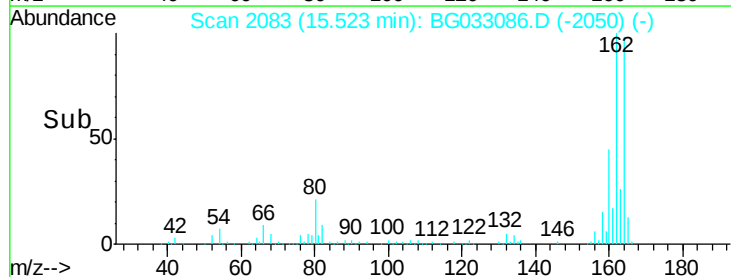
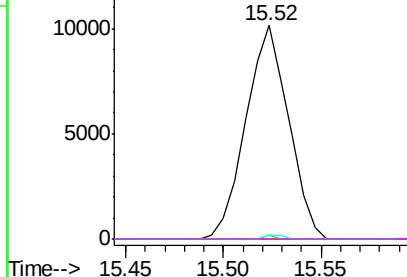


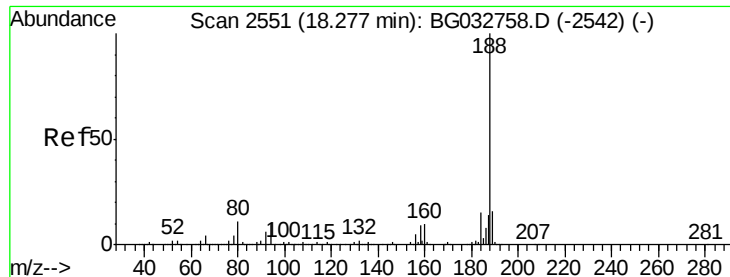
#56
2,4-Dinitrotoluene
Concen: 14.441 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.34 min
Lab File: BG033086.D
Acq: 12 Mar 2018 13:01

Tgt Ion:165 Resp: 15326
Ion Ratio Lower Upper
165 100
63 1.9 42.0 63.0#
89 1.6 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.25 min Scan# 2547

Delta R.T. -0.01 min

Lab File: BG033086.D

Acq: 12 Mar 2018 13:01

Instrument :

BNA_G

ClientSampleId :

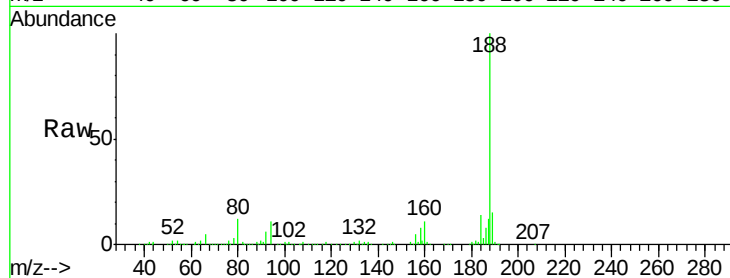
Tot Ion:188 Resp: 267770

Ion Ratio Lower Upper

188 100

94 10.8 6.9 10.3#

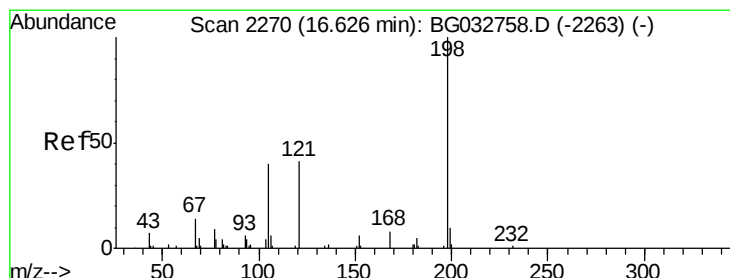
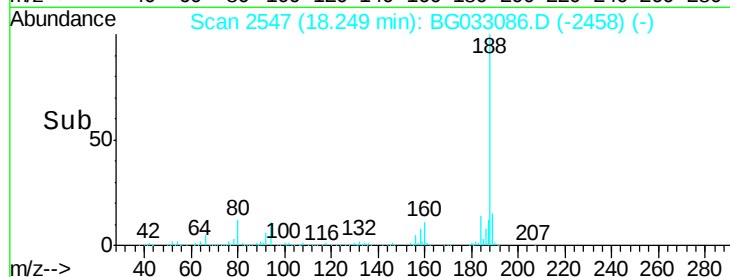
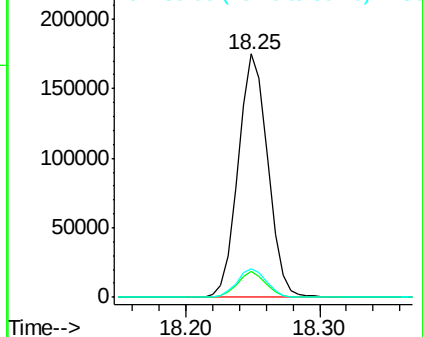
80 11.5 7.7 11.5#



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: 5.530 ng

RT: 16.99 min Scan# 2333

Delta R.T. 0.38 min

Lab File: BG033086.D

Acq: 12 Mar 2018 13:01

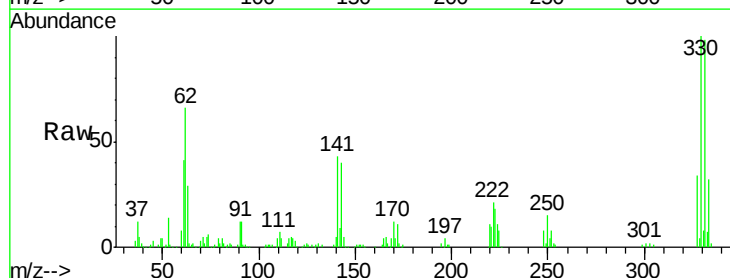
Tgt Ion:198 Resp: 366

Ion Ratio Lower Upper

198 100

51 61.3 30.6 70.6

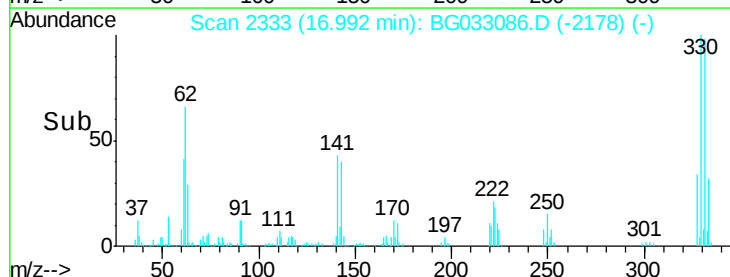
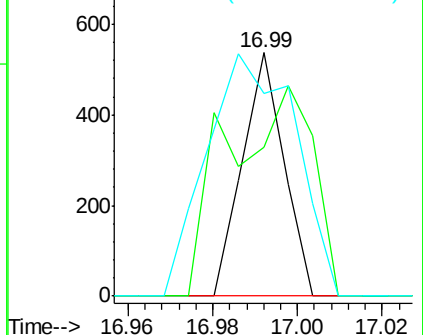
105 83.2 23.8 63.8#

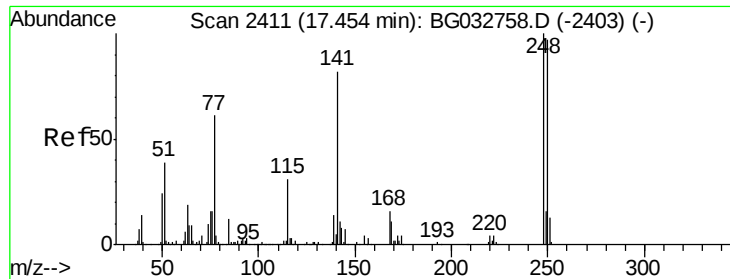


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

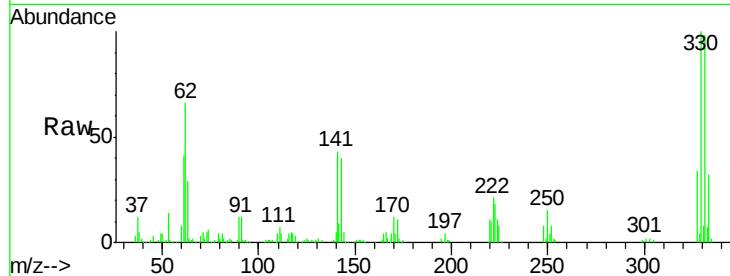




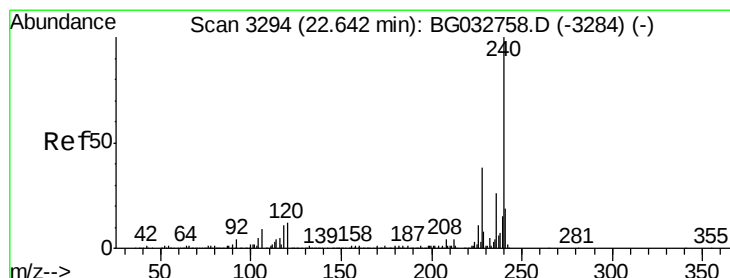
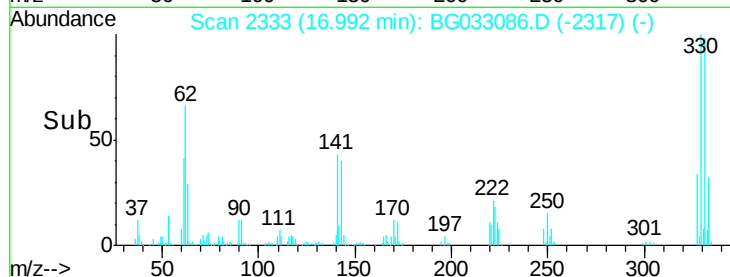
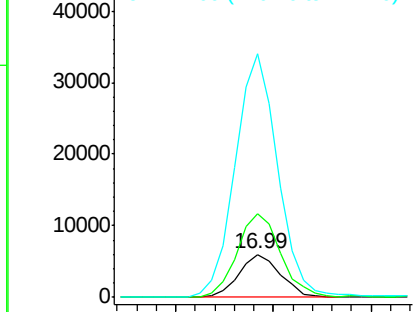
#66
4-Bromophenyl-phenylether
Concen: 3.103 ng
RT: 16.99 min Scan# 2333
Delta R.T. -0.44 min
Lab File: BG033086.D
Acq: 12 Mar 2018 13:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 8786
Ion Ratio Lower Upper
248 100
250 194.1 77.1 115.7#
141 567.6 50.8 76.2#

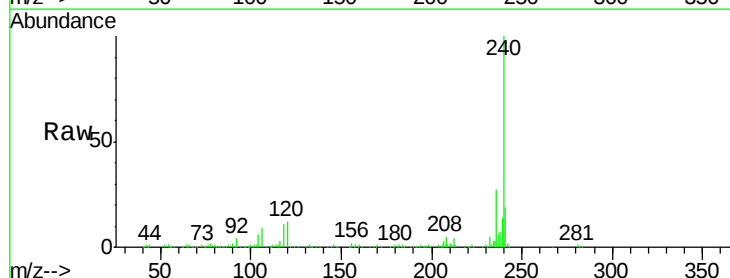


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

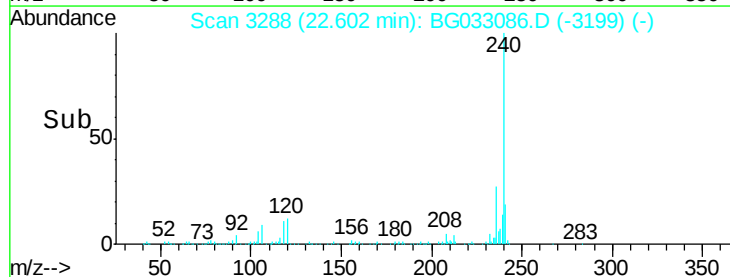
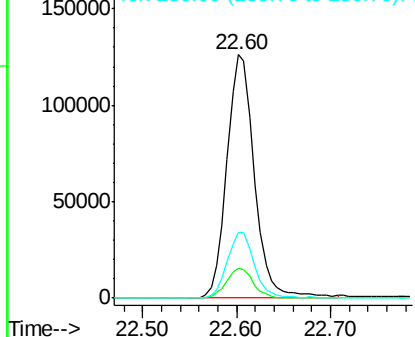


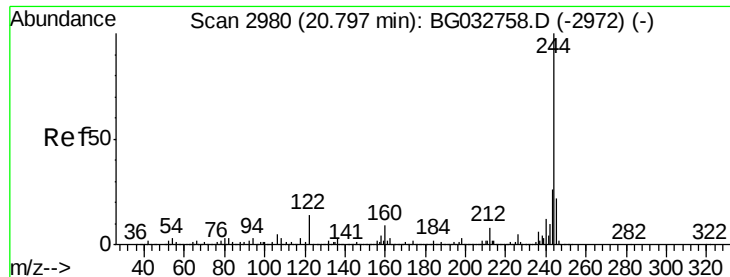
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3288
Delta R.T. -0.01 min
Lab File: BG033086.D
Acq: 12 Mar 2018 13:01

Tgt Ion:240 Resp: 257688
Ion Ratio Lower Upper
240 100
120 12.1 6.8 10.2#
236 26.9 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: 58.983 ng

RT: 20.76 min Scan# 2975

Delta R.T. -0.01 min

Lab File: BG033086.D

Acq: 12 Mar 2018 13:01

Instrument :

BNA_G

ClientSampleId :

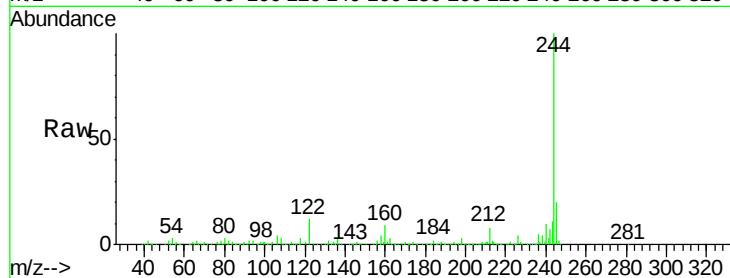
Tot Ion:244 Resp: 676500

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

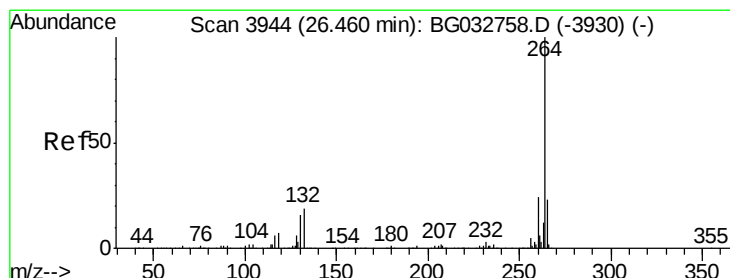
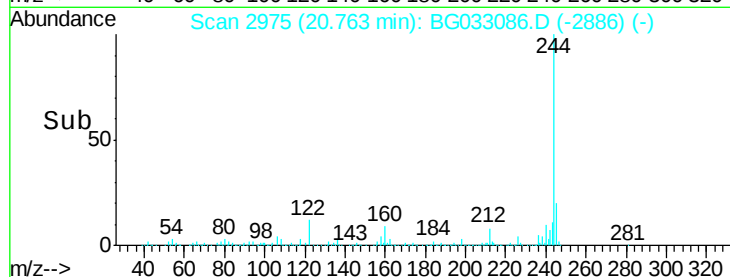
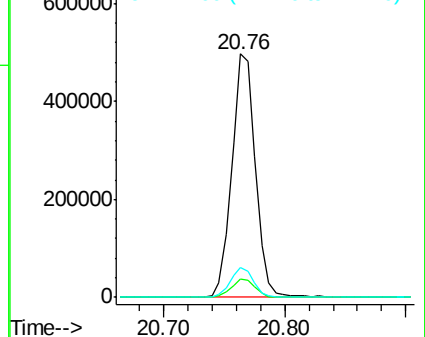
122 12.2 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.40 min Scan# 3934

Delta R.T. -0.01 min

Lab File: BG033086.D

Acq: 12 Mar 2018 13:01

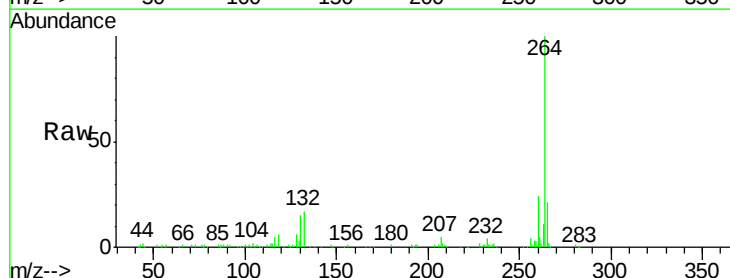
Tgt Ion:264 Resp: 247698

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 21.5 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

