

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071918\
 Data File : BG035766.D
 Acq On : 20 Jul 2018 1:58
 Operator : JU/SJ
 Sample : J4035-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-2

Quant Time: Jul 20 03:32:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

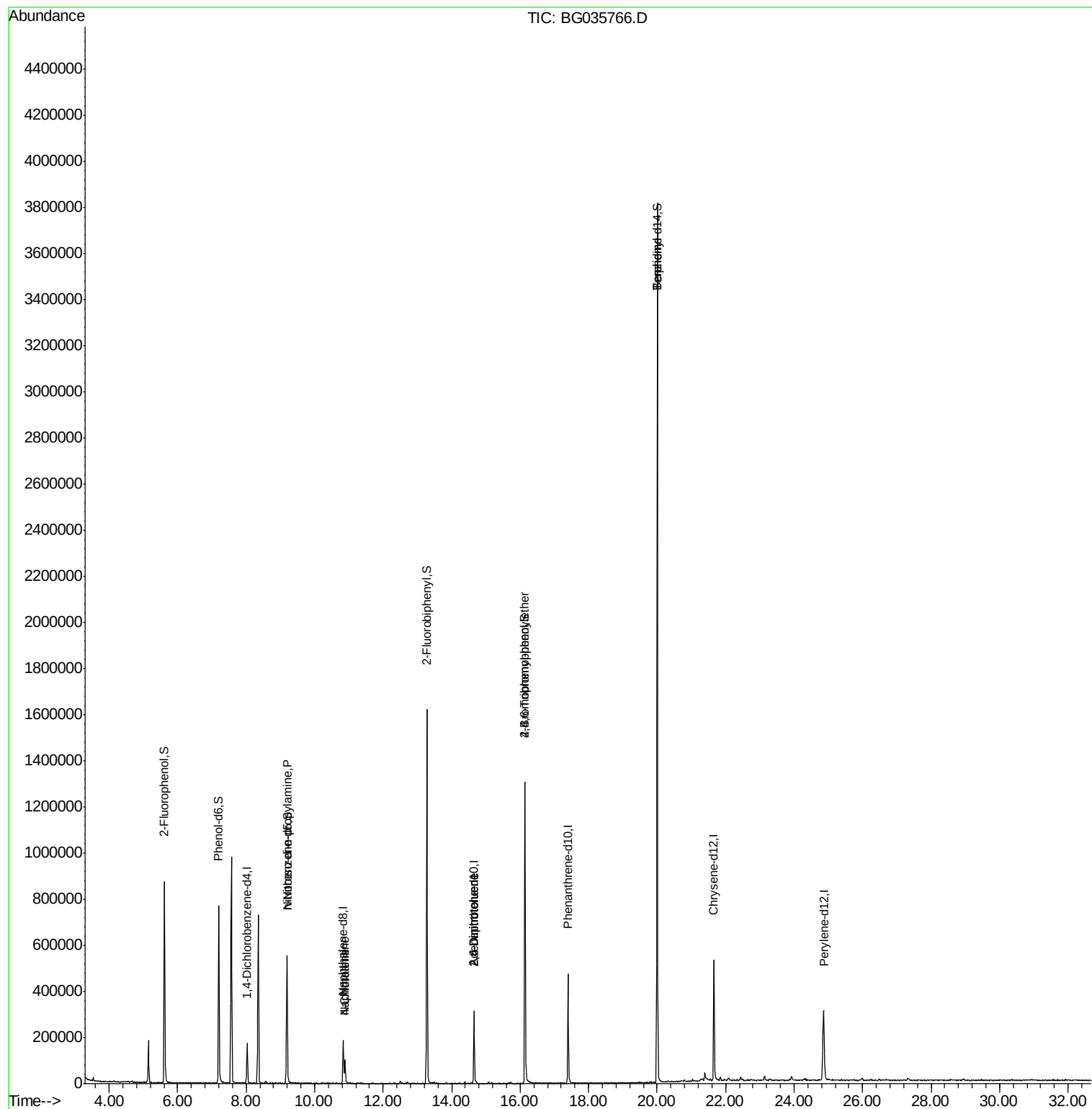
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	49328	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	173826	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	116255	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	317812	20.00	ng	0.00
75) Chrysene-d12	21.65	240	380561	20.00	ng	-0.02
86) Perylene-d12	24.86	264	360792	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	385713	129.82	ng	0.00
7) Phenol-d6	7.20	99	478235	107.88	ng	0.00
23) Nitrobenzene-d5	9.19	82	399821	96.09	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	248103	161.91	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	885369	102.03	ng	0.00
78) Terphenyl-d14	20.00	244	1779474	103.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	55474	14.861	ng	Qvalue # 64
31) Naphthalene	10.88	128	90380	9.981	ng	# 99
33) 4-Chloroaniline	10.88	127	12329	3.124	ng	# 42
50) 2,6-Dinitrotoluene	14.65	165	15888	7.660	ng	# 22
56) 2,4-Dinitrotoluene	14.65	165	15888	5.339	ng	# 20
66) 4-Bromophenyl-phenylether	16.14	248	20442	5.544	ng	# 1
76) Benzidine	20.00	184	31661	3.165	ng	# 89

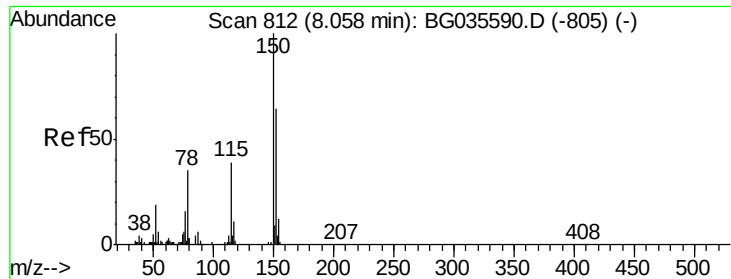
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071918\
Data File : BG035766.D
Acq On : 20 Jul 2018 1:58
Operator : JU/SJ
Sample : J4035-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-2

Quant Time: Jul 20 03:32:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 17:45:13 2018
Response via : Initial Calibration



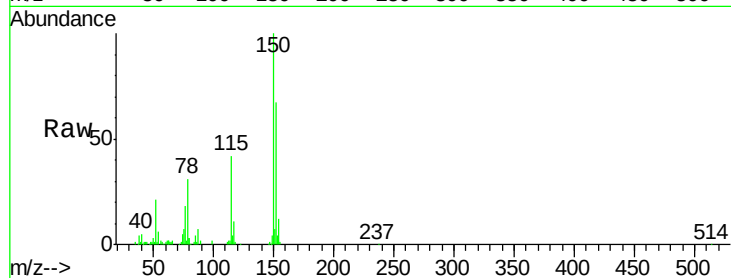


#1

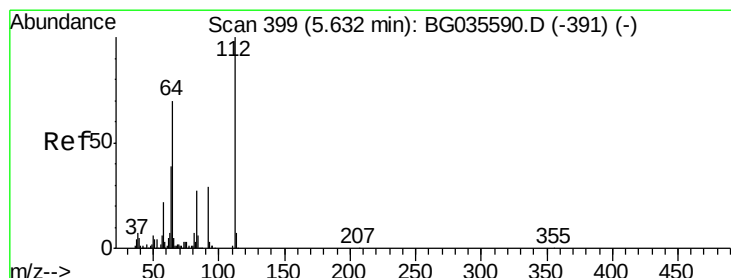
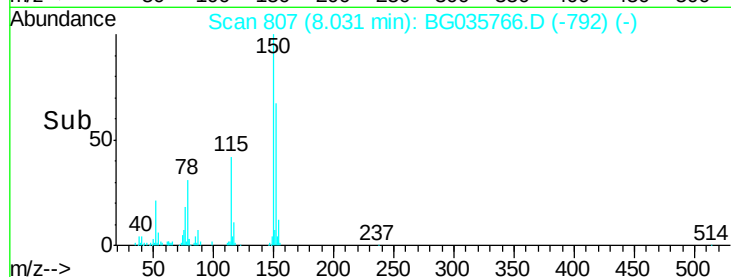
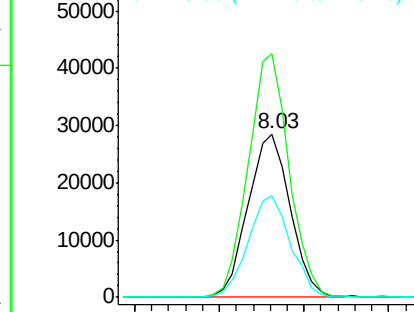
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG035766.D
Acq: 20 Jul 2018 1:58

Instrument :
BNA_G
ClientSampled :
MH-2

Tgt Ion:152 Resp: 49328
Ion Ratio Lower Upper
152 100
150 149.2 126.6 189.8
115 62.4 53.0 79.4



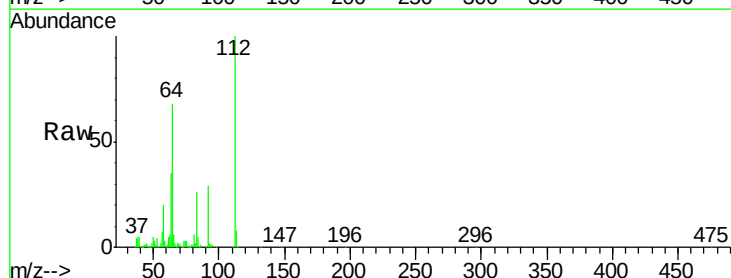
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



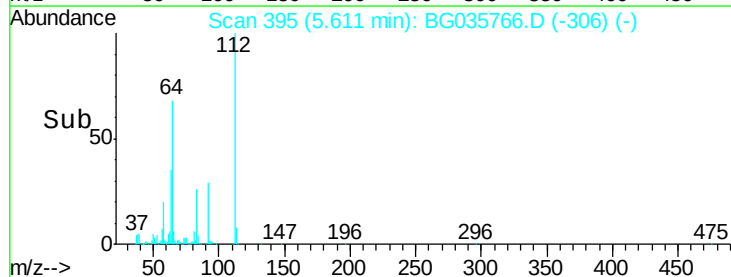
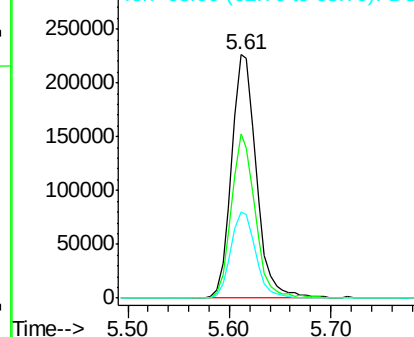
#5

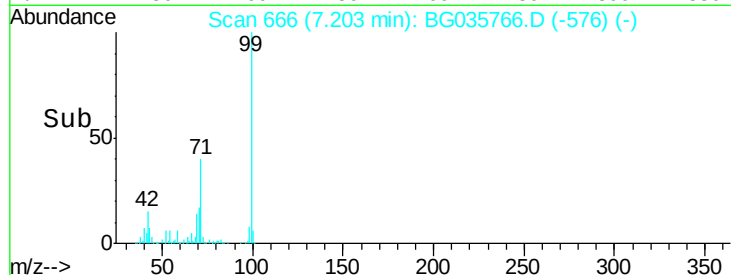
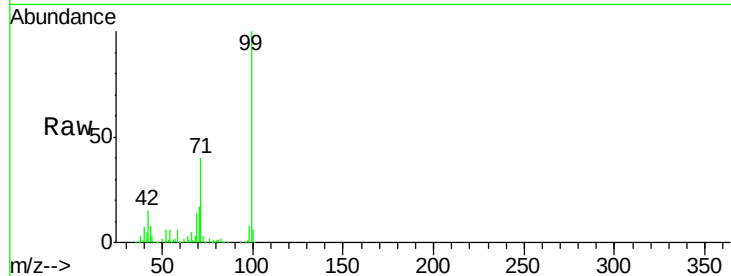
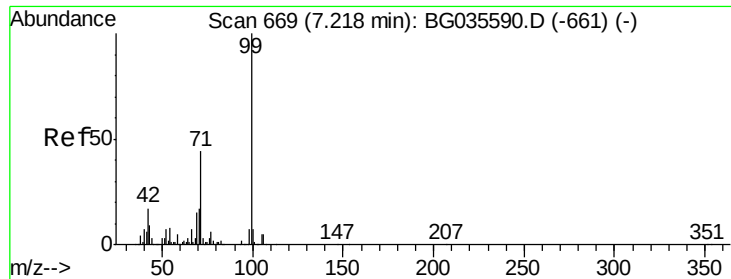
2-Fluorophenol
Concen: 129.820 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG035766.D
Acq: 20 Jul 2018 1:58

Tgt Ion:112 Resp: 385713
Ion Ratio Lower Upper
112 100
64 67.6 56.3 84.5
63 35.5 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: 107.883 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.00 min

Lab File: BG035766.D

Acq: 20 Jul 2018 1:58

Instrument :

BNA_G

ClientSampleId :

MH-2

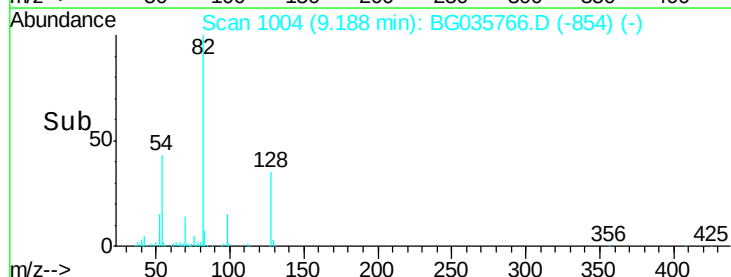
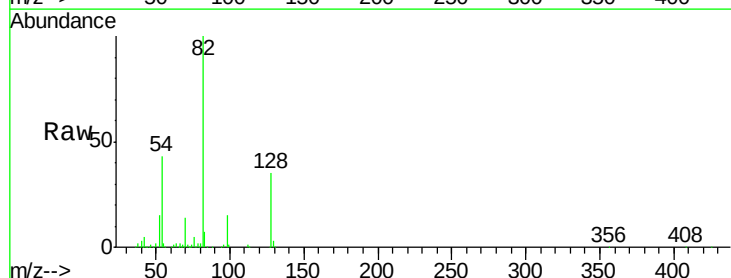
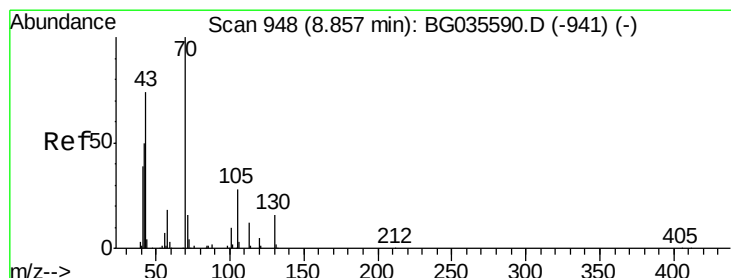
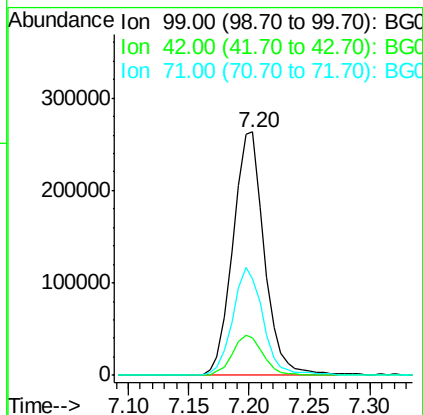
Tgt Ion: 99 Resp: 478235

Ion Ratio Lower Upper

99 100

42 15.2 14.1 21.1

71 39.7 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.861 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.35 min

Lab File: BG035766.D

Acq: 20 Jul 2018 1:58

Tgt Ion: 70 Resp: 55474

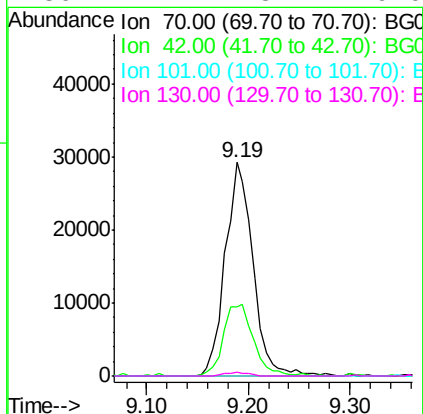
Ion Ratio Lower Upper

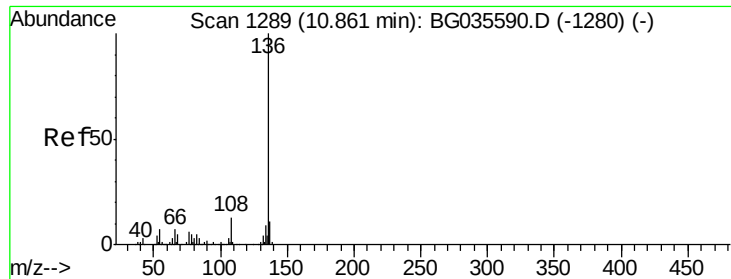
70 100

42 32.2 49.1 73.7#

101 0.0 8.5 12.7#

130 2.1 13.4 20.0#

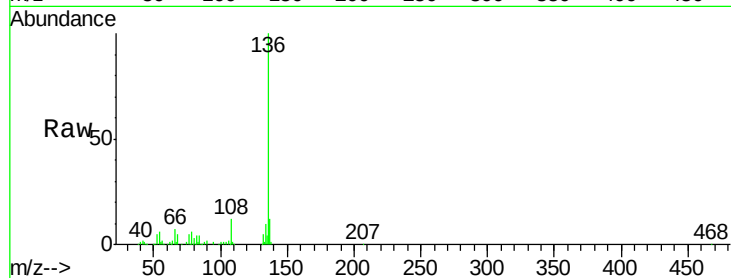




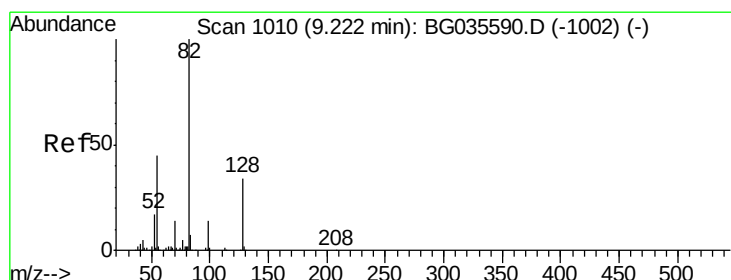
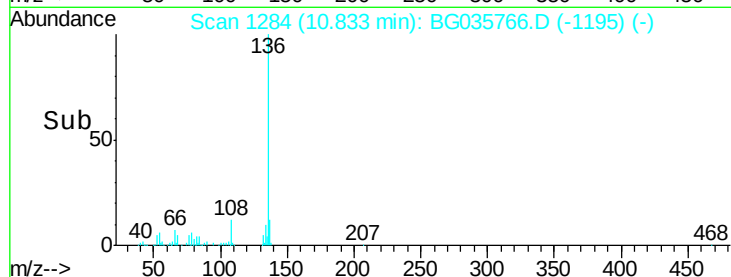
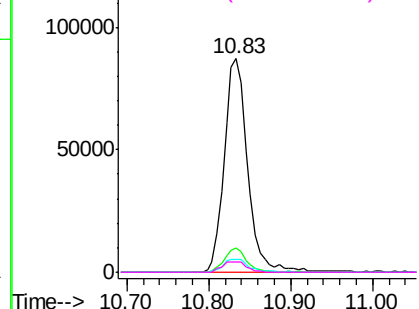
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG035766.D
Acq: 20 Jul 2018 1:58

Instrument :
BNA_G
ClientSampleId :
MH-2

Tgt Ion:	136	Resp:	173826
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	6.3	10.3	15.5#
68	4.9	4.5	6.7

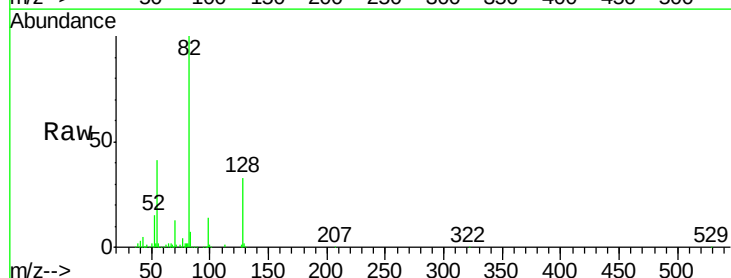


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

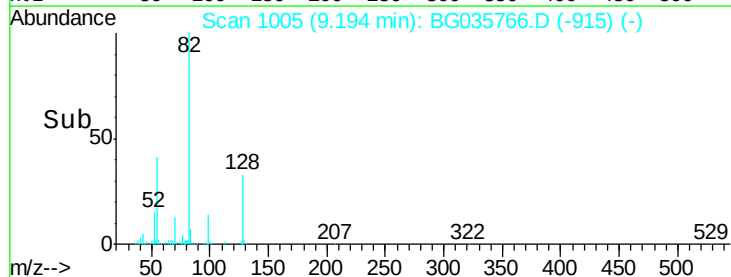
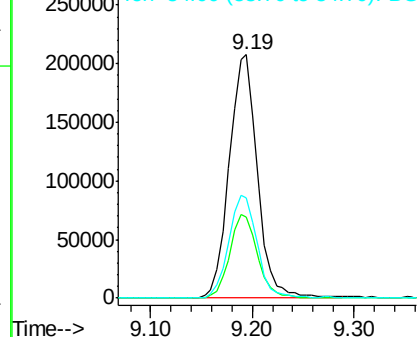


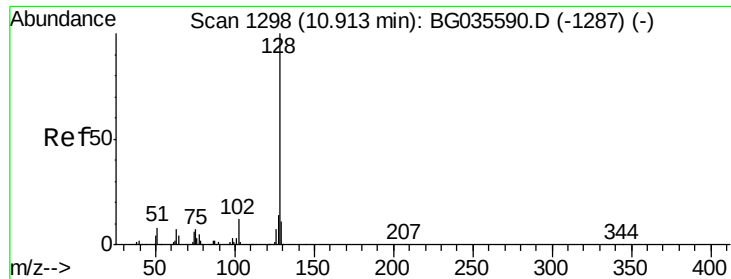
#23
Nitrobenzene-d5
Concen: 96.087 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG035766.D
Acq: 20 Jul 2018 1:58

Tgt Ion:	82	Resp:	399821
Ion	Ratio	Lower	Upper
82	100		
128	33.3	29.7	44.5
54	41.4	43.1	64.7#



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

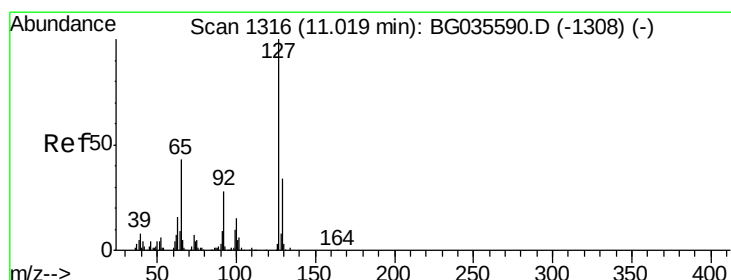
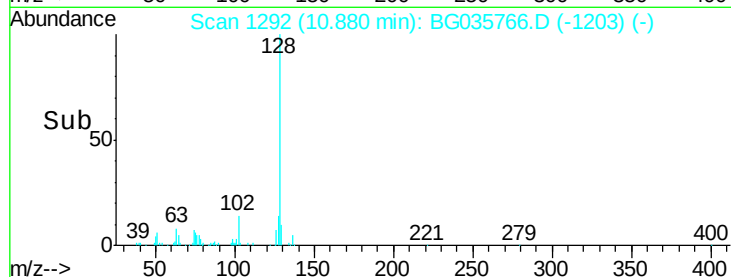
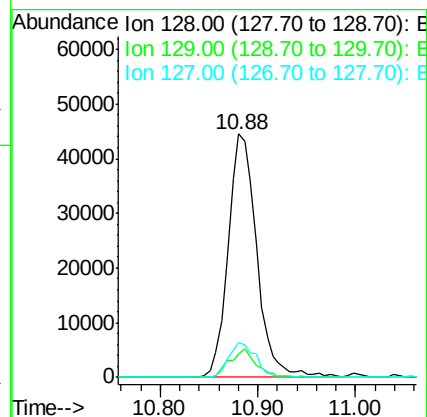
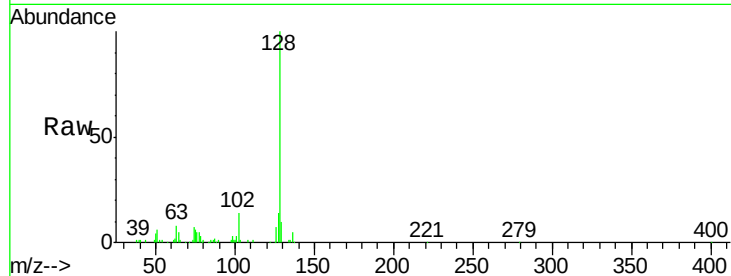




#31
Naphthalene
Concen: 9.981 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BG035766.D
Acq: 20 Jul 2018 1:58

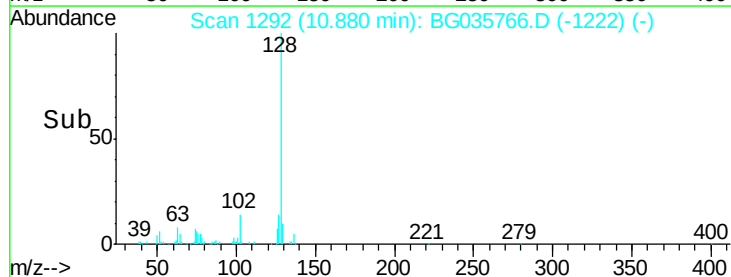
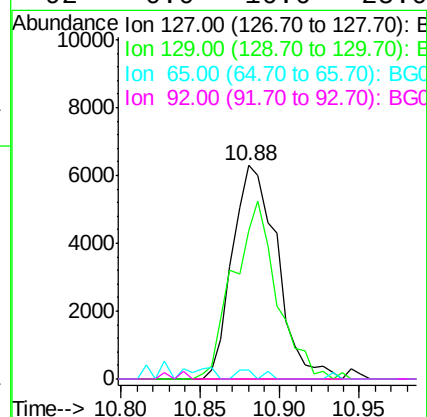
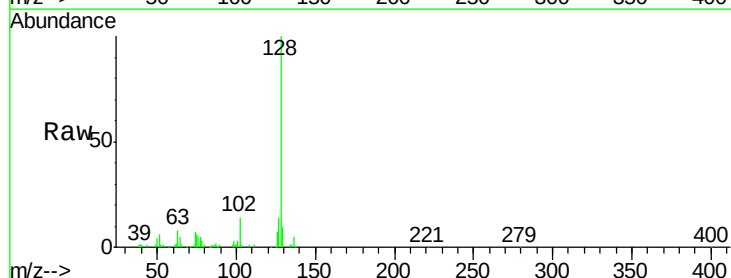
Instrument :
BNA_G
ClientSampleId :
MH-2

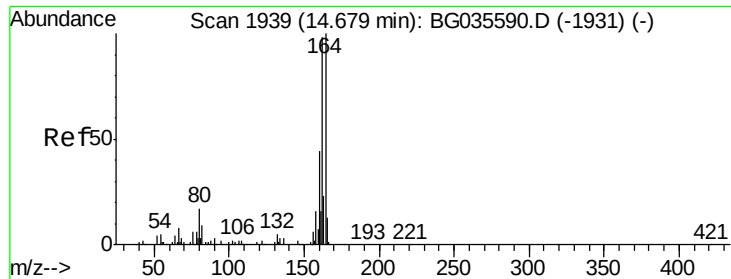
Tgt Ion:128 Resp: 90380
Ion Ratio Lower Upper
128 100
129 9.9 8.6 12.8
127 14.1 11.6 17.4



#33
4-Chloroaniline
Concen: 3.124 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.12 min
Lab File: BG035766.D
Acq: 20 Jul 2018 1:58

Tgt Ion:127 Resp: 12329
Ion Ratio Lower Upper
127 100
129 69.8 24.0 36.0#
65 4.2 27.0 40.4#
92 0.0 16.6 25.0#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BG035766.D

Acq: 20 Jul 2018 1:58

Instrument :

BNA_G

ClientSampleId :

MH-2

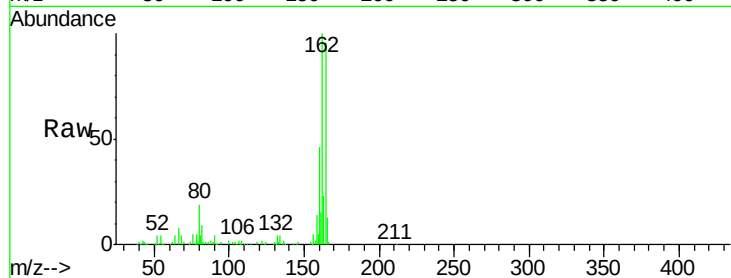
Tgt Ion:164 Resp: 116255

Ion Ratio Lower Upper

164 100

162 104.2 78.8 118.2

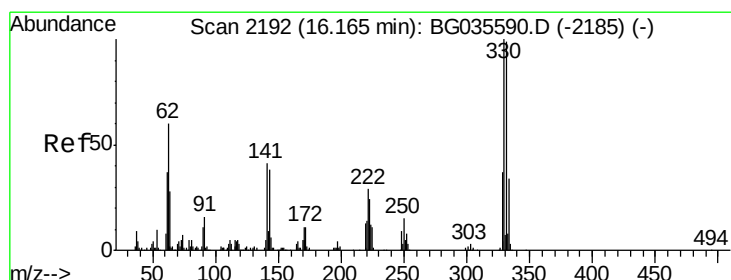
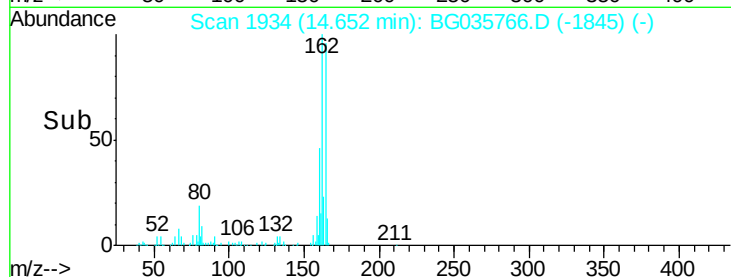
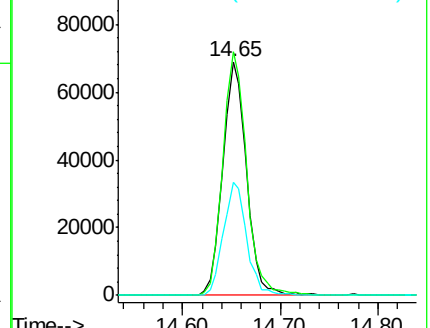
160 48.3 35.4 53.0



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: 161.914 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.02 min

Lab File: BG035766.D

Acq: 20 Jul 2018 1:58

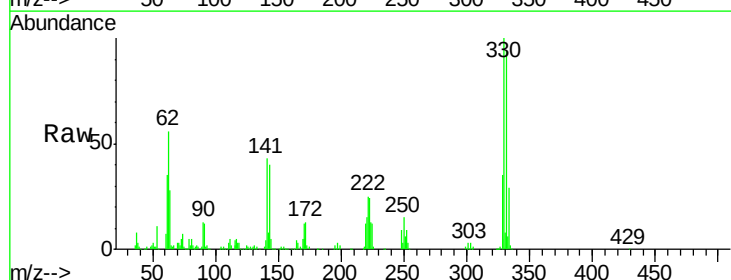
Tgt Ion:330 Resp: 248103

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

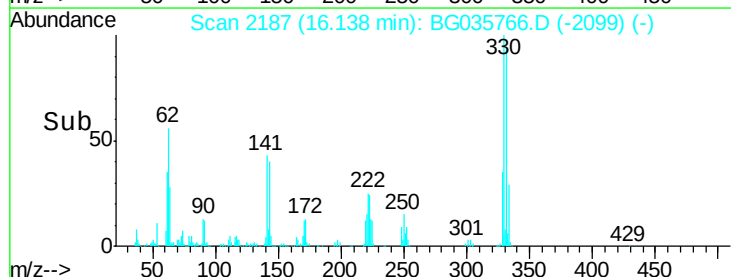
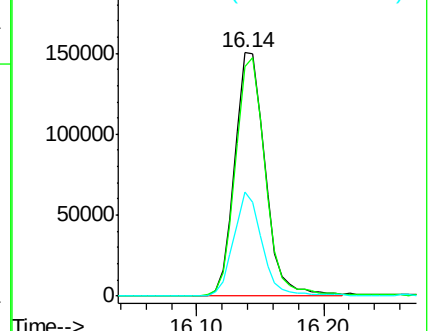
141 40.1 25.2 37.8#

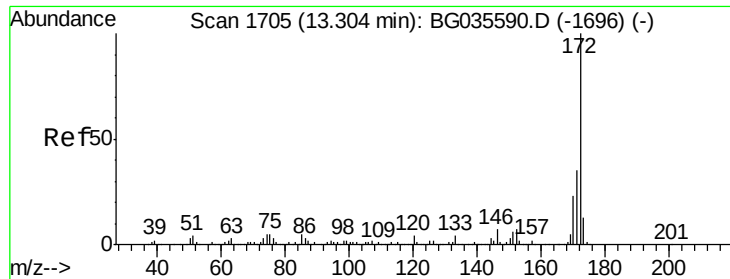


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

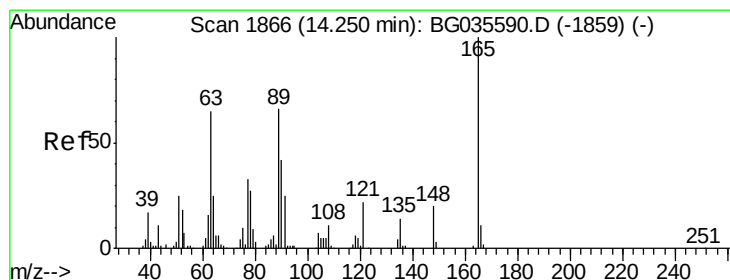
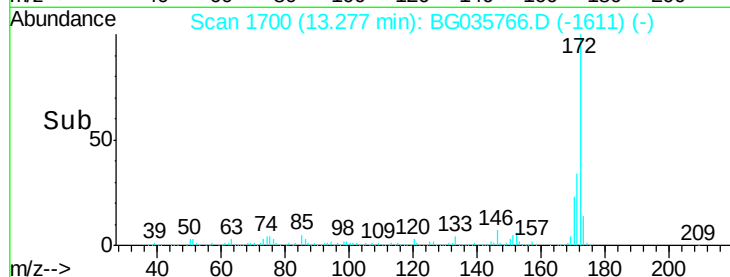
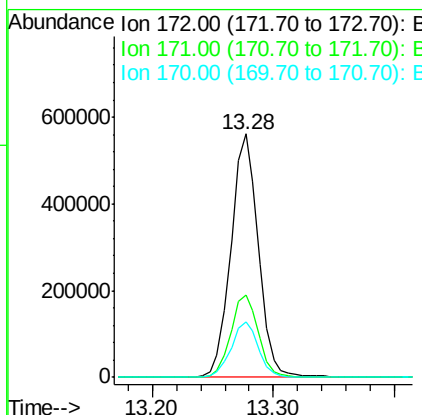
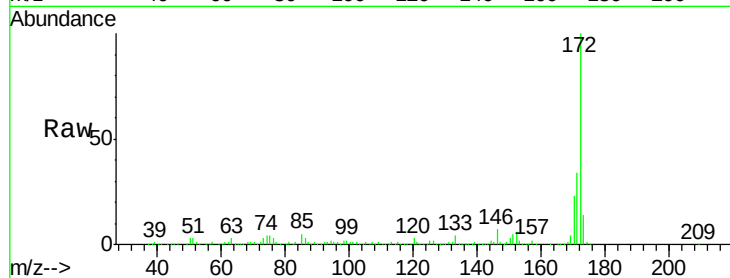




#44
2-Fluorobiphenyl
Concen: 102.031 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BG035766.D
Acq: 20 Jul 2018 1:58

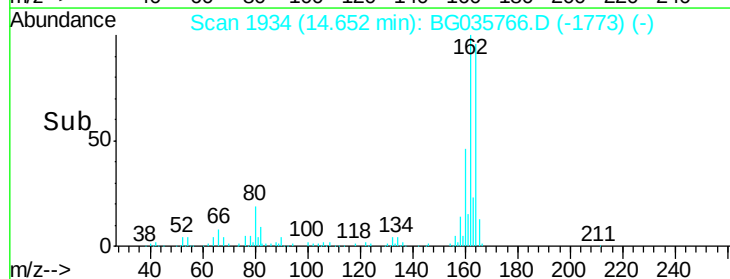
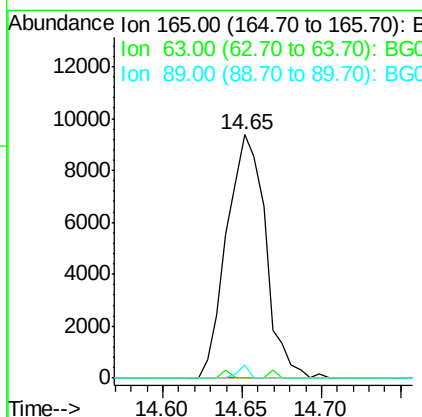
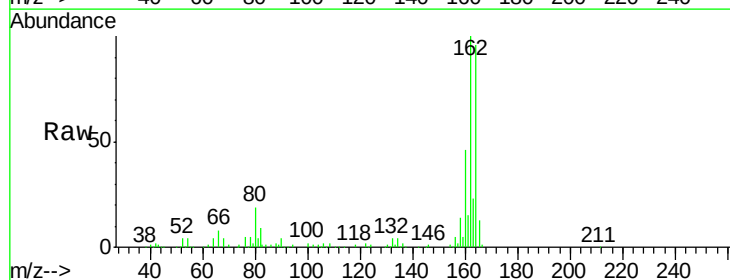
Instrument :
BNA_G
ClientSampleId :
MH-2

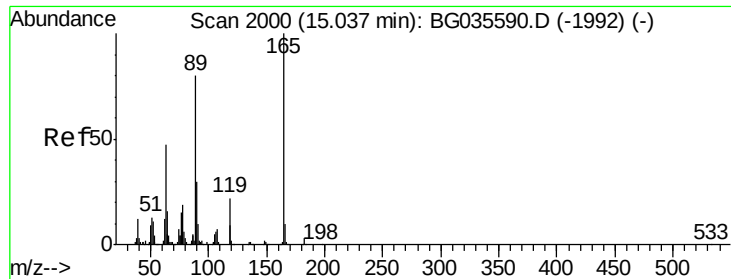
Tgt Ion:172 Resp: 885369
Ion Ratio Lower Upper
172 100
171 34.0 30.0 45.0
170 22.7 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 7.660 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.41 min
Lab File: BG035766.D
Acq: 20 Jul 2018 1:58

Tgt Ion:165 Resp: 15888
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 5.4 49.2 73.8#

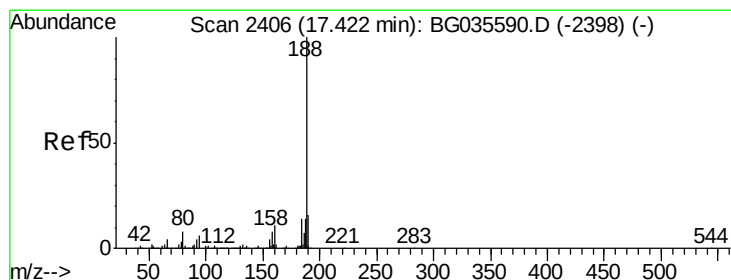
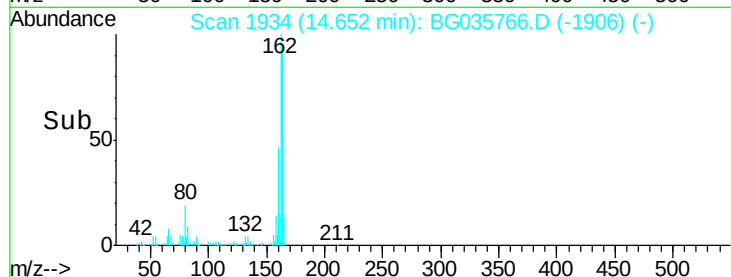
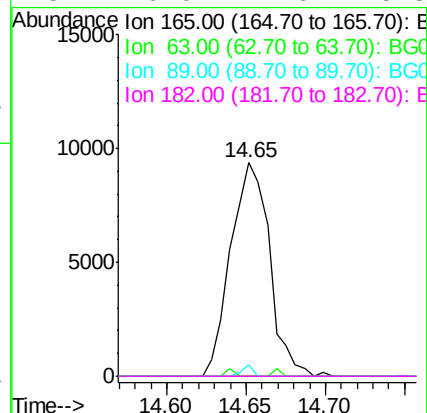
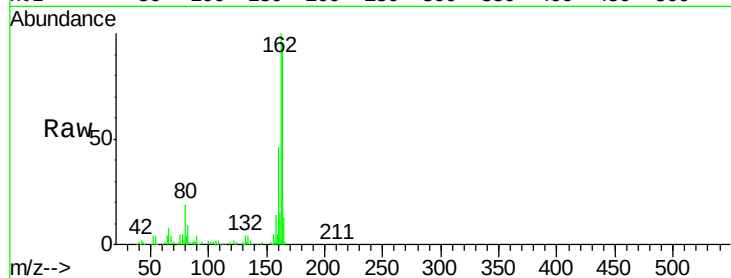




#56
 2,4-Dinitrotoluene
 Concen: 5.339 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.37 min
 Lab File: BG035766.D
 Acq: 20 Jul 2018 1:58

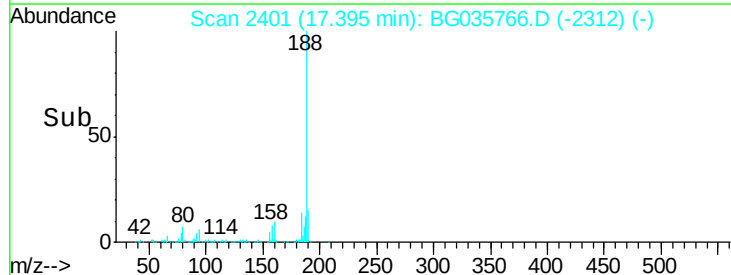
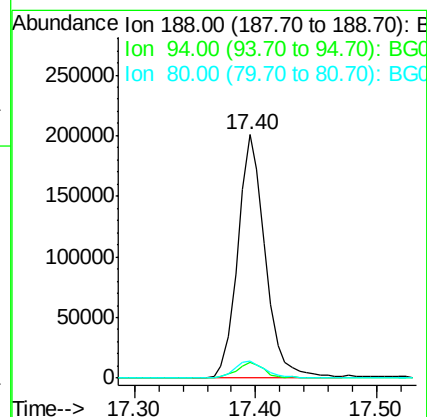
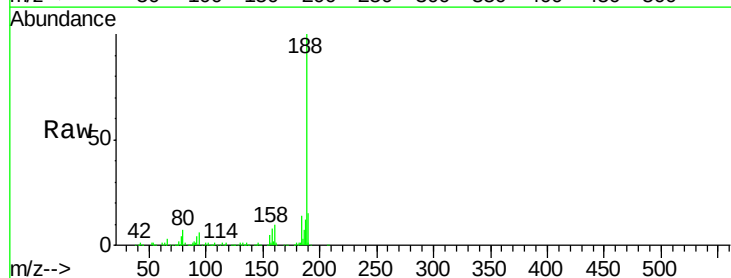
Instrument :
 BNA_G
 ClientSampleId :
 MH-2

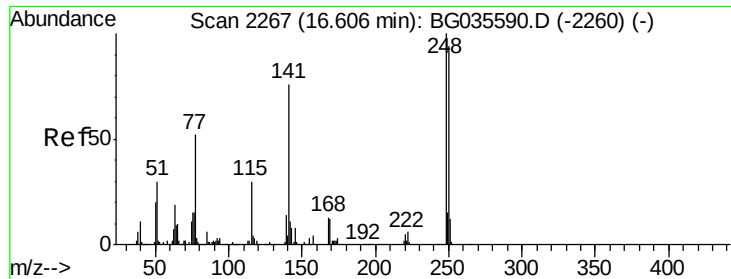
Tgt Ion:165 Resp: 15888
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 5.4 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2401
 Delta R.T. -0.01 min
 Lab File: BG035766.D
 Acq: 20 Jul 2018 1:58

Tgt Ion:188 Resp: 317812
 Ion Ratio Lower Upper
 188 100
 94 6.3 6.9 10.3#
 80 7.2 7.7 11.5#

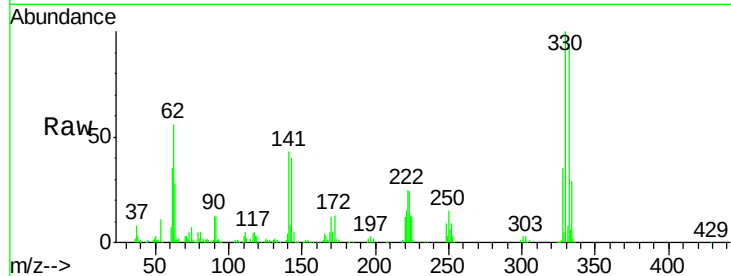




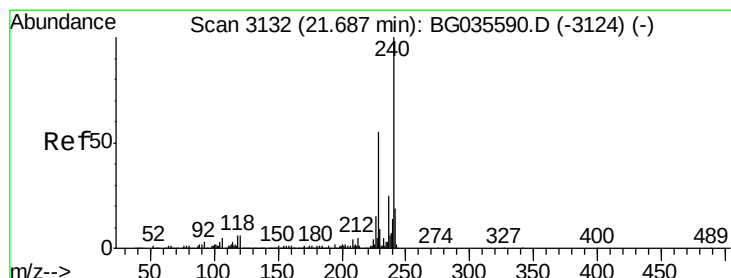
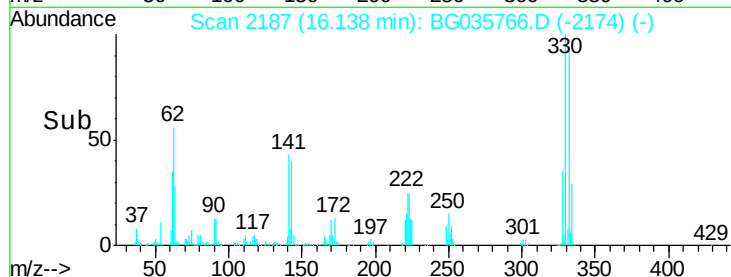
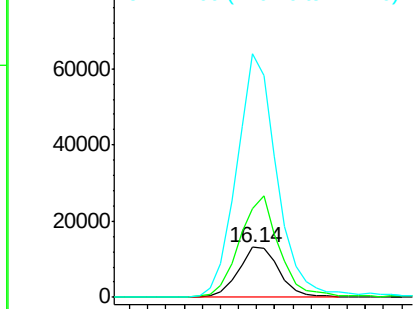
#66
4-Bromophenyl-phenylether
Concen: 5.544 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.46 min
Lab File: BG035766.D
Acq: 20 Jul 2018 1:58

Instrument :
BNA_G
ClientSampleId :
MH-2

Tgt Ion:248 Resp: 20442
Ion Ratio Lower Upper
248 100
250 176.8 77.1 115.7#
141 486.7 50.8 76.2#

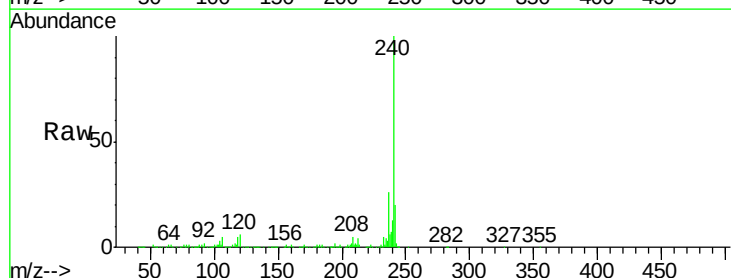


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

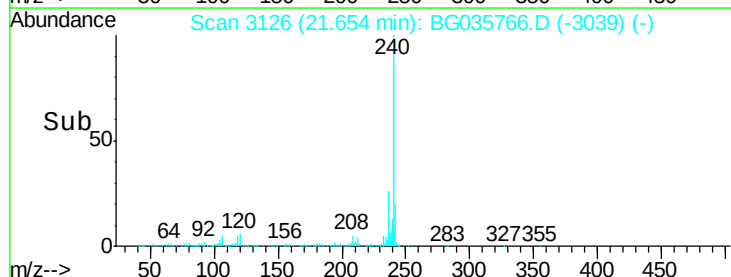
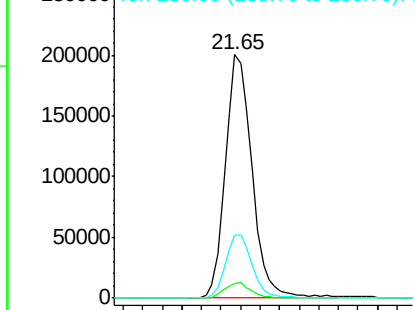


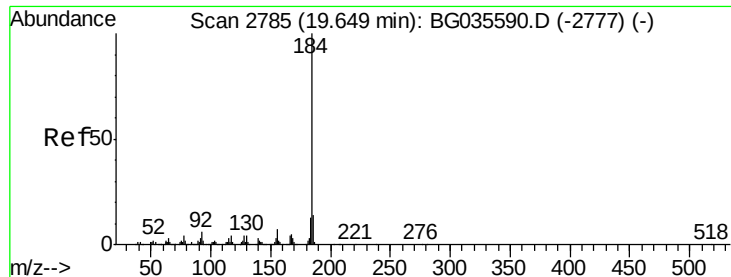
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BG035766.D
Acq: 20 Jul 2018 1:58

Tgt Ion:240 Resp: 380561
Ion Ratio Lower Upper
240 100
120 6.2 6.8 10.2#
236 26.0 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: 3.165 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.37 min

Lab File: BG035766.D

Acq: 20 Jul 2018 1:58

Instrument :

BNA_G

ClientSampleId :

MH-2

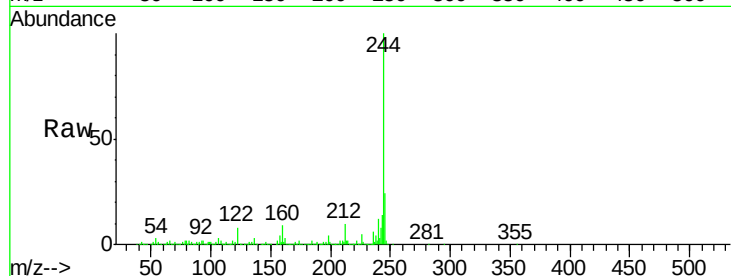
Tgt Ion:184 Resp: 31661

Ion Ratio Lower Upper

184 100

185 18.9 11.1 16.7#

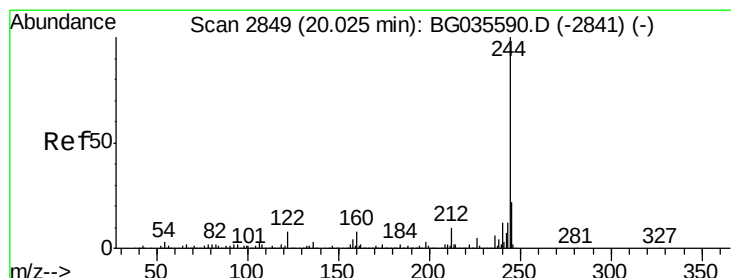
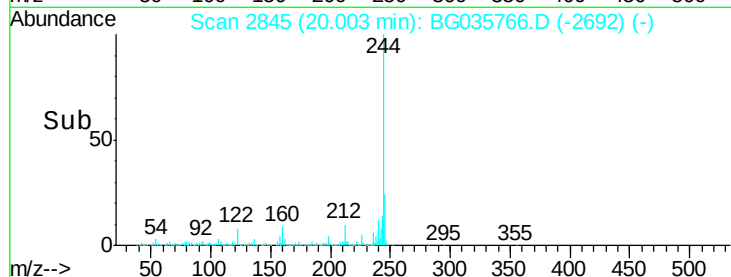
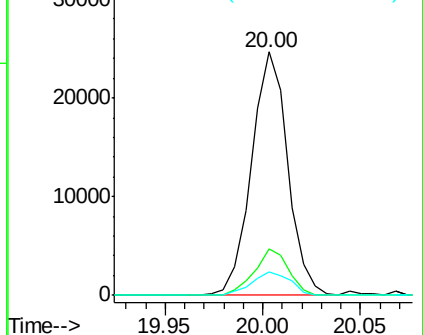
183 9.4 10.6 16.0#



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: 103.071 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BG035766.D

Acq: 20 Jul 2018 1:58

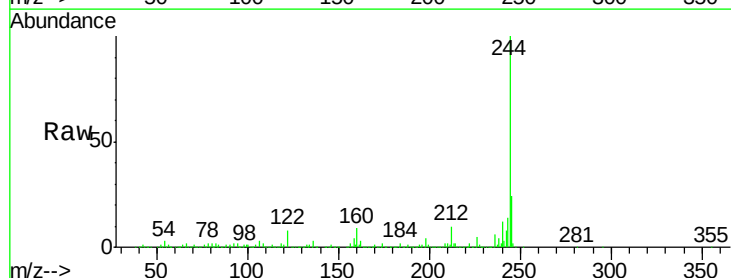
Tgt Ion:244 Resp: 1779474

Ion Ratio Lower Upper

244 100

212 10.4 5.8 8.8#

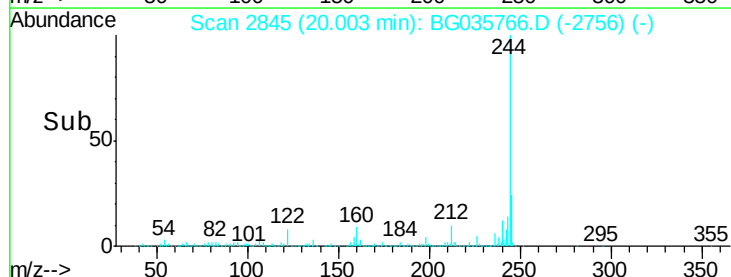
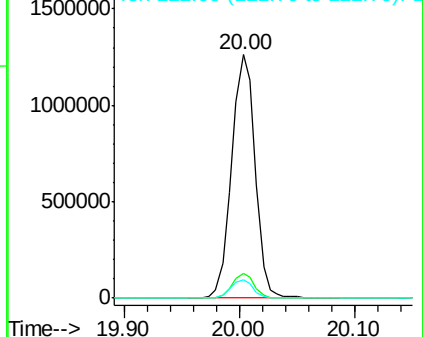
122 7.8 7.0 10.4

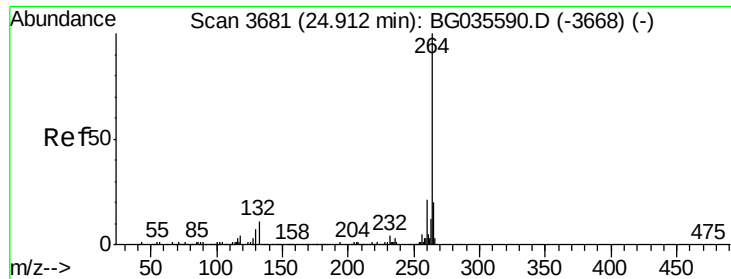


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.86 min Scan# 3672
Delta R.T. -0.02 min
Lab File: BG035766.D
Acq: 20 Jul 2018 1:58

Instrument :
BNA_G
ClientSampleId :
MH-2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	19.3	17.7	26.5

