

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG070218\
 Data File : BG035577.D
 Acq On : 3 Jul 2018 8:40
 Operator : JU/SJ
 Sample : J3800-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-8

Quant Time: Jul 03 11:14:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

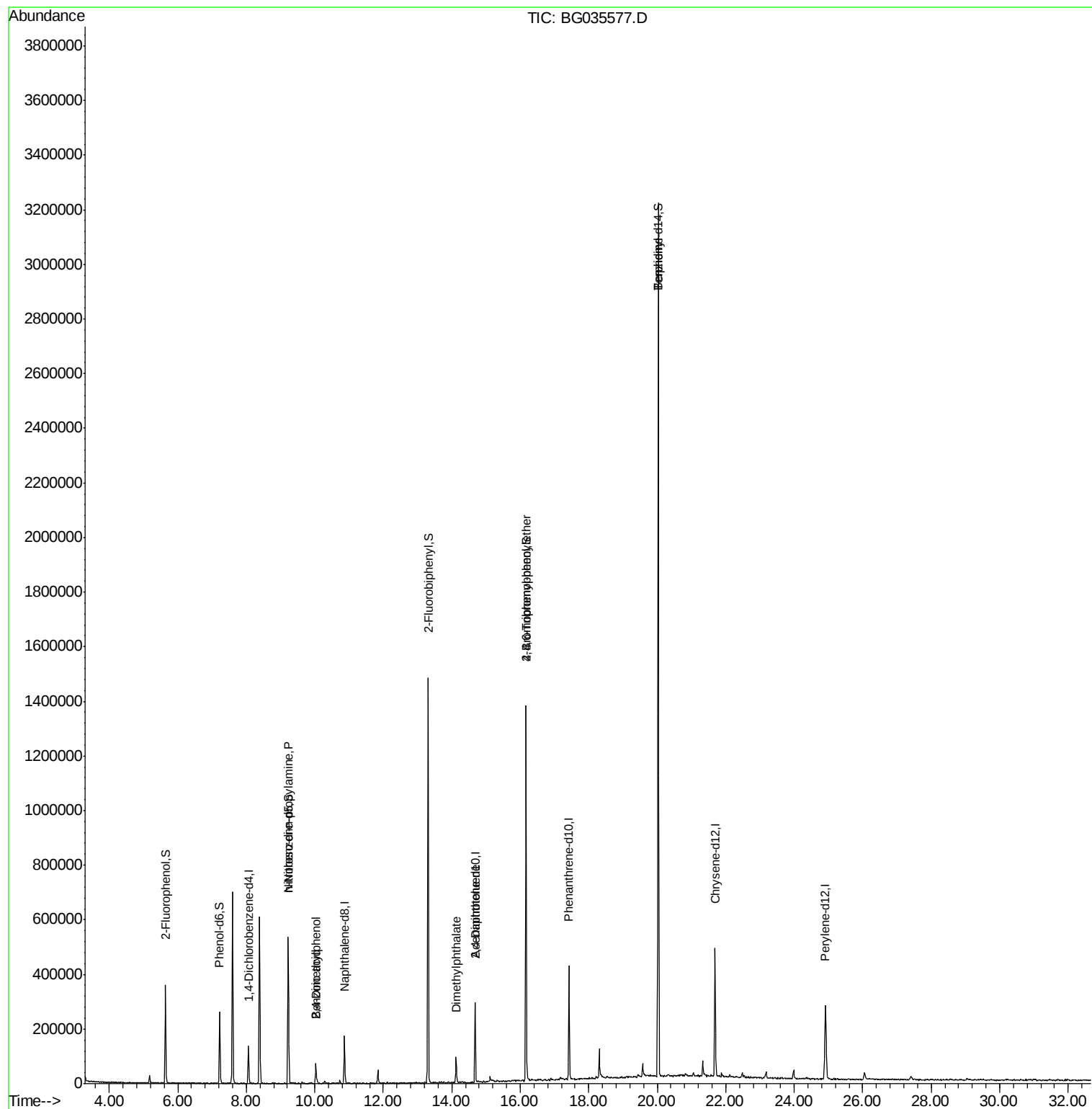
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	38416	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	144557	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	102848	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	270228	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	289297	20.00	ng	-0.03
86) Perylene-d12	24.91	264	282737	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	161717	71.04	ng	0.00
7) Phenol-d6	7.22	99	160698	47.83	ng	0.00
23) Nitrobenzene-d5	9.23	82	355511	116.90	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	262553	199.42	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	800188	101.14	ng	-0.02
78) Terphenyl-d14	20.03	244	1469283	106.38	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	48857	17.116	ng	Qvalue # 66
27) 2,4-Dimethylphenol	10.03	122	24120	10.690	ng	93
32) Benzoic acid	10.03	122	24120	15.960	ng	# 13
49) Dimethylphthalate	14.13	163	59214	6.602	ng	97
56) 2,4-Dinitrotoluene	14.68	165	13937	6.412	ng	# 18
66) 4-Bromophenyl-phenylether	16.17	248	20231	6.217	ng	# 1
76) Benzidine	20.03	184	24851	2.309	ng	# 90

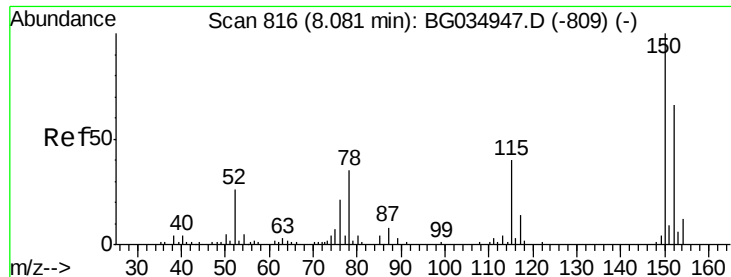
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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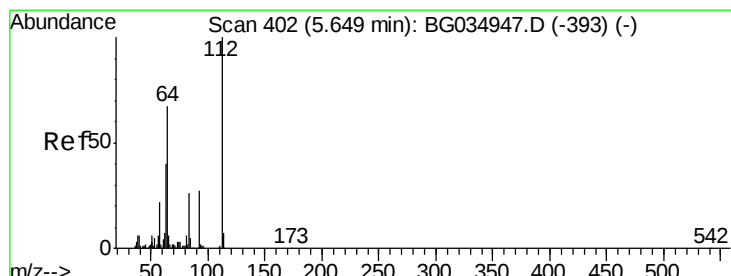
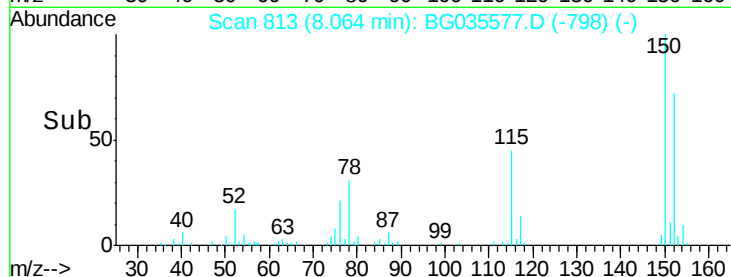
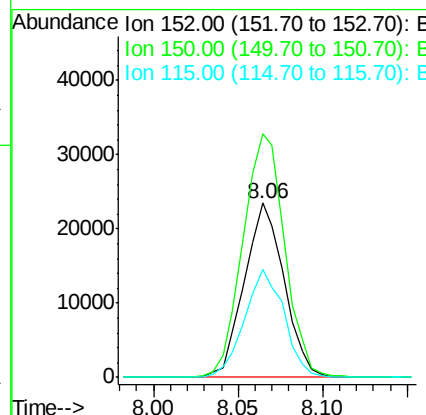
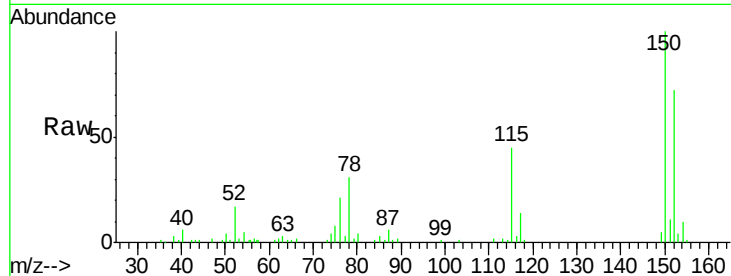


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035577.D
Acq: 3 Jul 2018 8:40

Instrument :
BNA_G
ClientSampleId :
MW-8

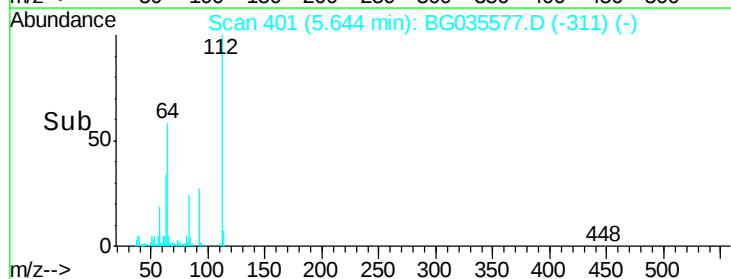
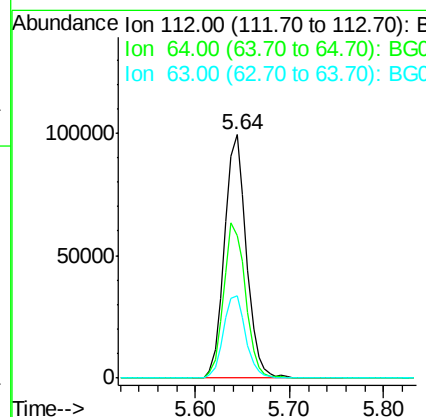
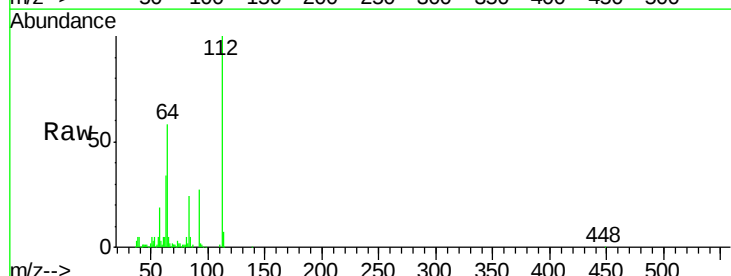
Tgt Ion:152 Resp: 38416
Ion Ratio Lower Upper
152 100
150 139.8 126.6 189.8
115 62.3 53.0 79.4

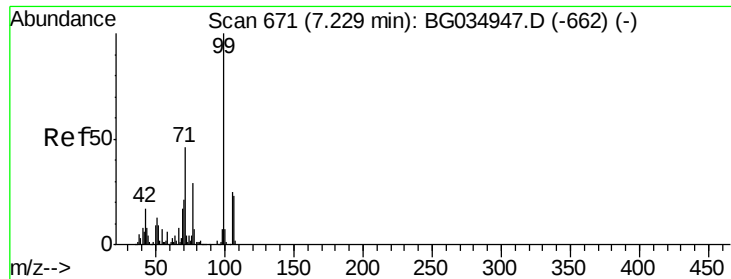


#5

2-Fluorophenol
Concen: 71.042 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG035577.D
Acq: 3 Jul 2018 8:40

Tgt Ion:112 Resp: 161717
Ion Ratio Lower Upper
112 100
64 58.3 56.3 84.5
63 33.8 30.1 45.1





#7

Phenol-d6

Concen: 47.830 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035577.D

Acq: 3 Jul 2018 8:40

Instrument :

BNA_G

ClientSampleId :

MW-8

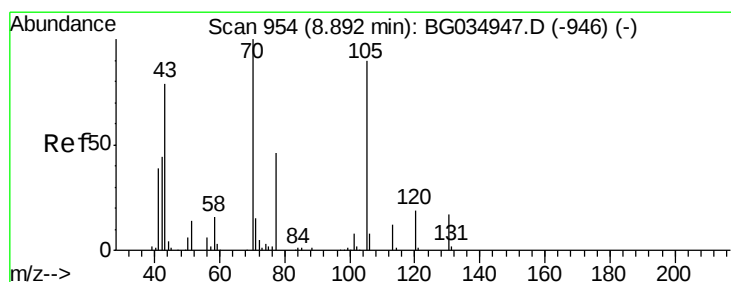
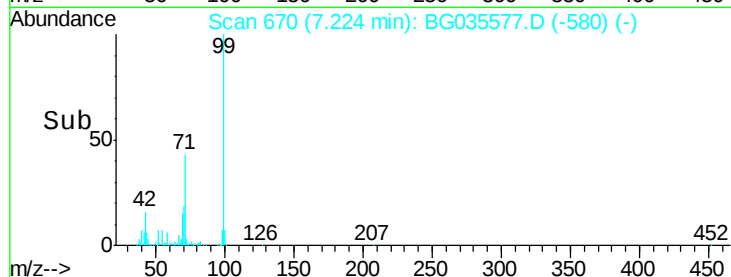
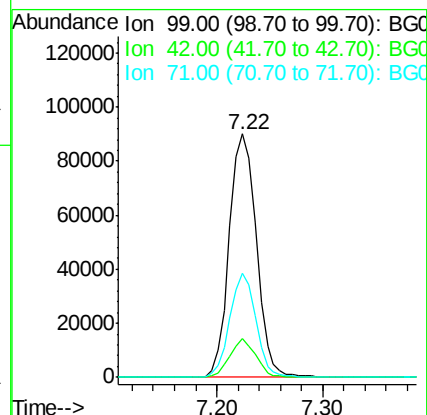
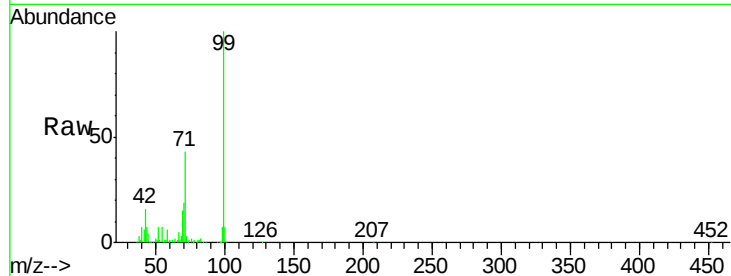
Tgt Ion: 99 Resp: 160698

Ion Ratio Lower Upper

99 100

42 15.7 14.1 21.1

71 42.8 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 17.116 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG035577.D

Acq: 3 Jul 2018 8:40

Tgt Ion: 70 Resp: 48857

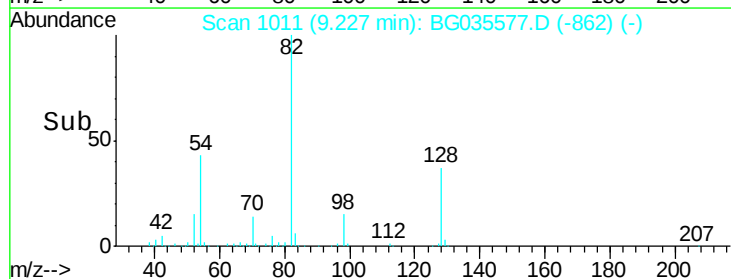
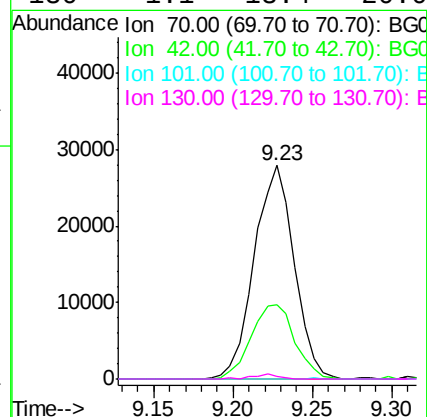
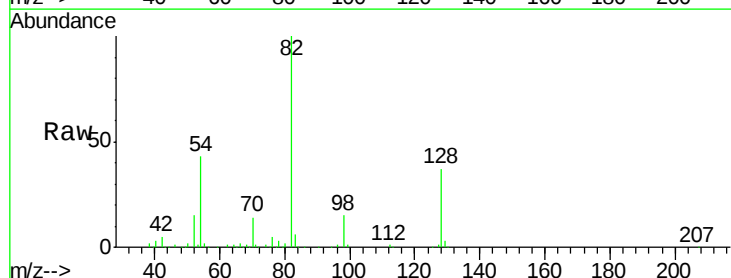
Ion Ratio Lower Upper

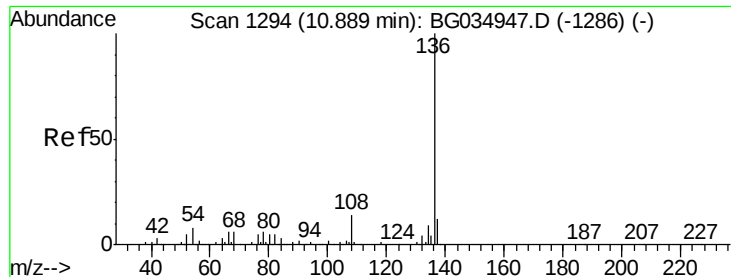
70 100

42 34.6 49.1 73.7#

101 0.0 8.5 12.7#

130 1.1 13.4 20.0#

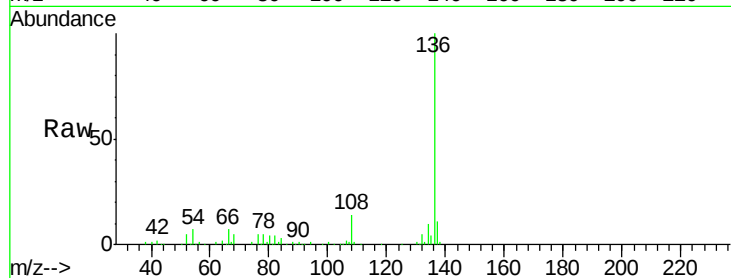




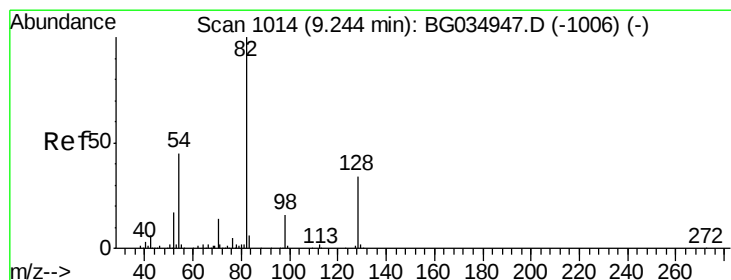
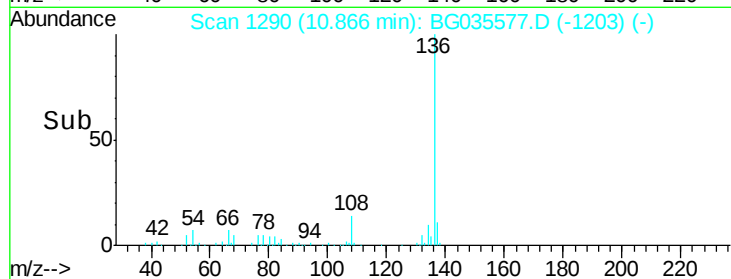
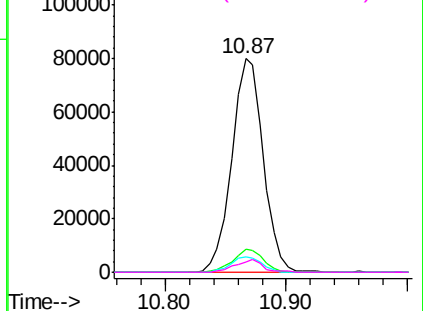
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035577.D
Acq: 3 Jul 2018 8:40

Instrument :
BNA_G
ClientSampleId :
MW-8

Tgt Ion:	136	Resp:	144557
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.2	10.3	15.5#
68	5.1	4.5	6.7

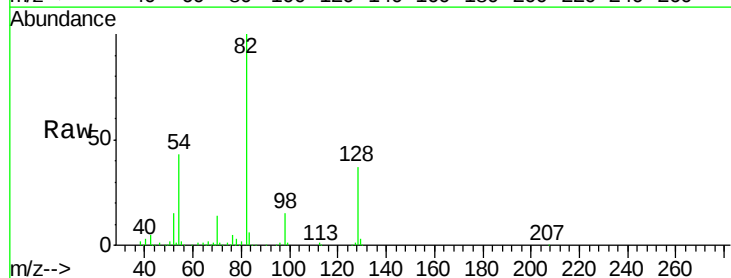


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

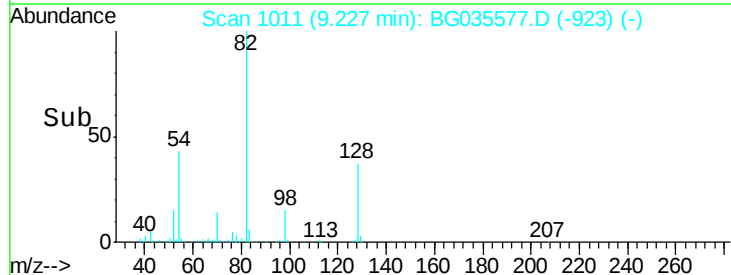
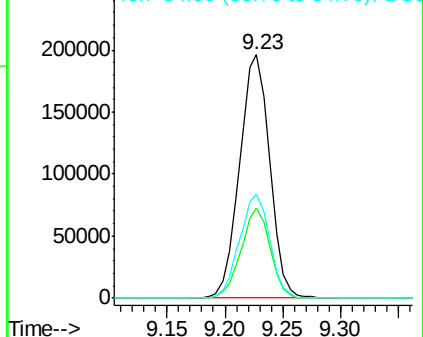


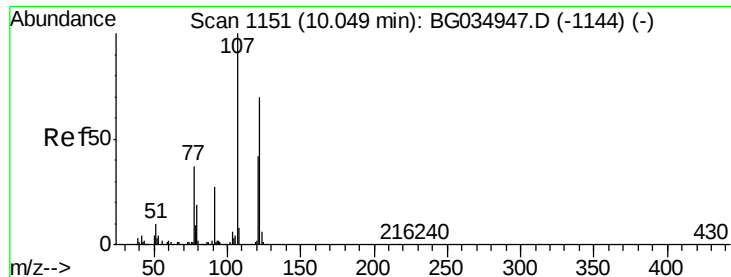
#23
Nitrobenzene-d5
Concen: 116.902 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035577.D
Acq: 3 Jul 2018 8:40

Tgt Ion:	82	Resp:	355511
Ion	Ratio	Lower	Upper
82	100		
128	37.1	29.7	44.5
54	43.0	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

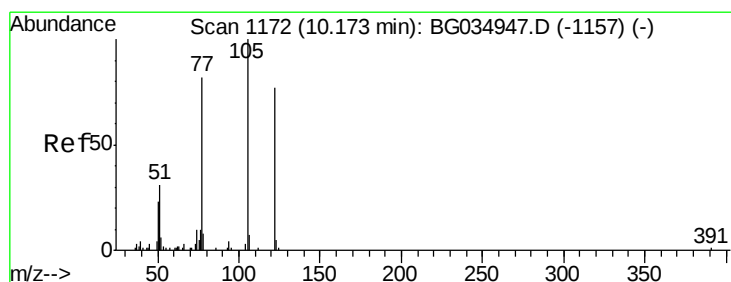
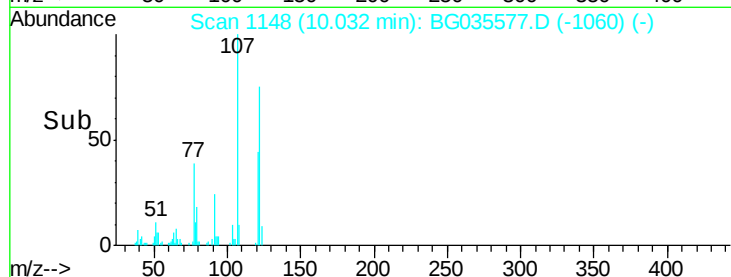
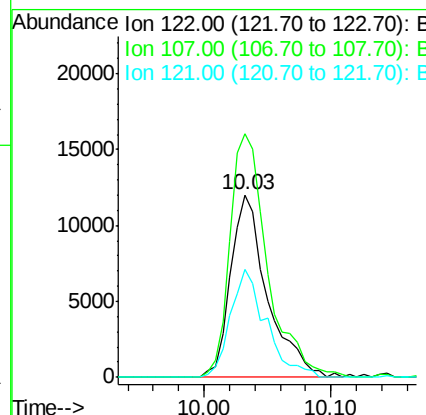
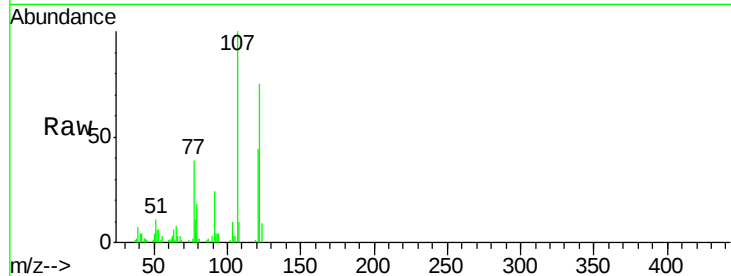




#27
2,4-Dimethylphenol
Concen: 10.690 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG035577.D
Acq: 3 Jul 2018 8:40

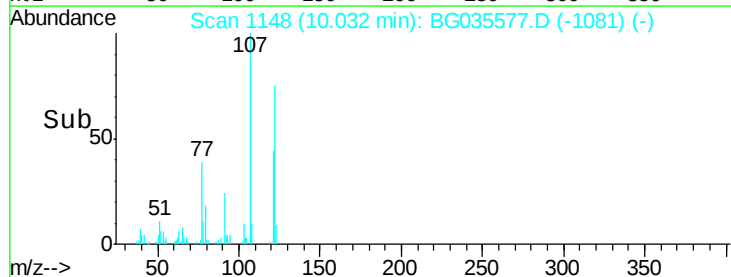
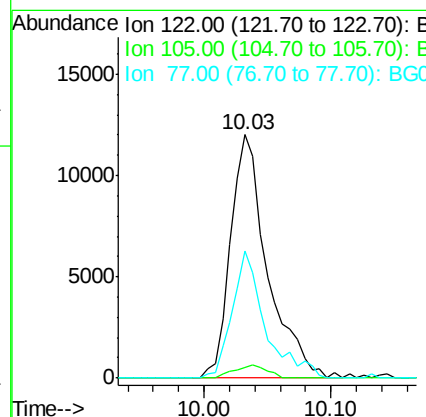
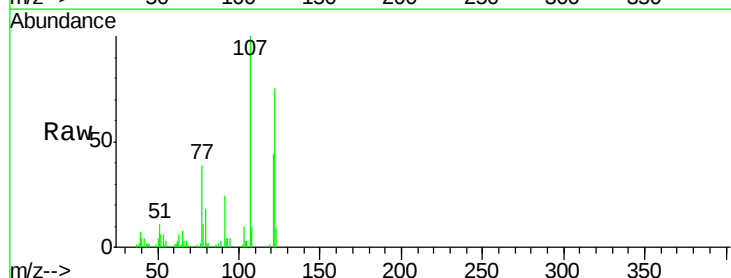
Instrument :
BNA_G
ClientSampleId :
MW-8

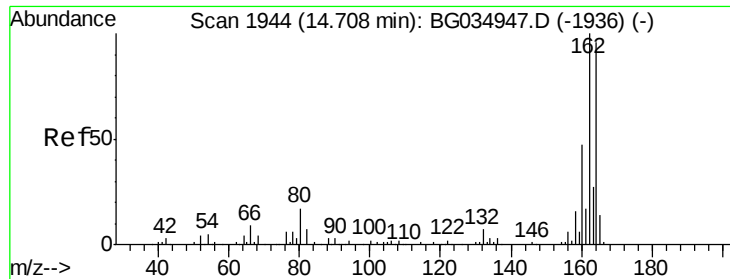
Tgt Ion:122 Resp: 24120
Ion Ratio Lower Upper
122 100
107 133.4 100.2 150.2
121 59.3 44.4 66.6



#32
Benzoic acid
Concen: 15.960 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.14 min
Lab File: BG035577.D
Acq: 3 Jul 2018 8:40

Tgt Ion:122 Resp: 24120
Ion Ratio Lower Upper
122 100
105 4.2 123.5 163.5#
77 52.1 85.7 125.7#

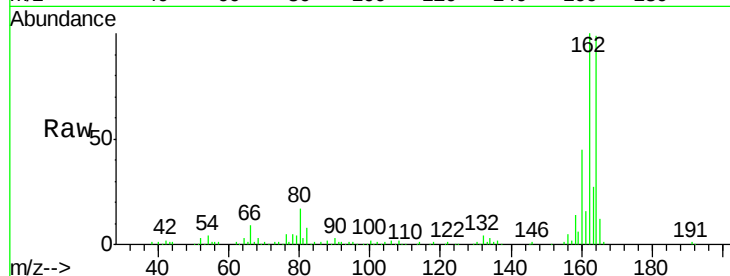




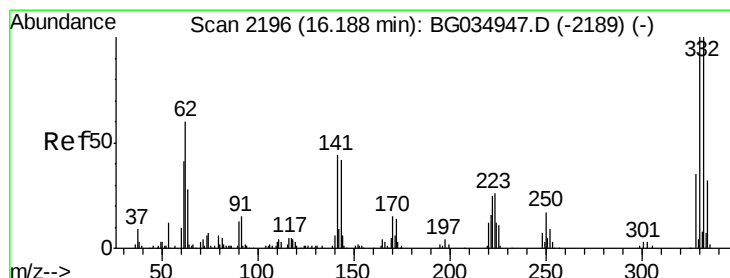
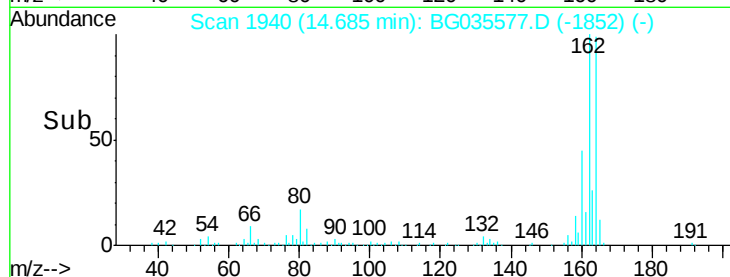
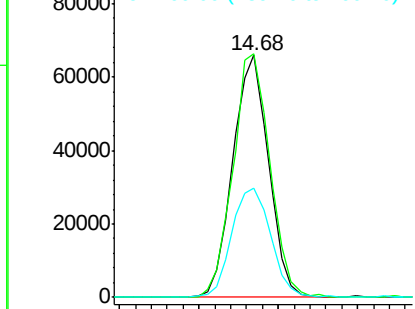
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035577.D
 Acq: 3 Jul 2018 8:40

Instrument :
 BNA_G
 ClientSampleId :
 MW-8

Tgt Ion:164 Resp: 102848
 Ion Ratio Lower Upper
 164 100
 162 100.6 78.8 118.2
 160 45.0 35.4 53.0

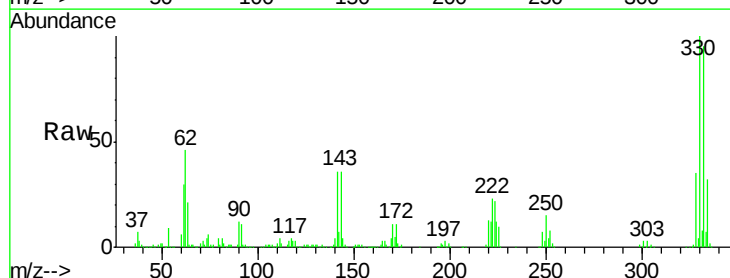


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

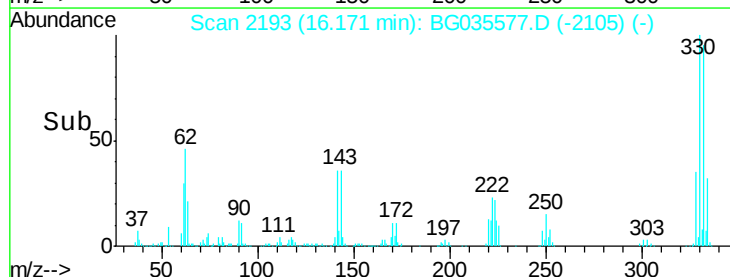
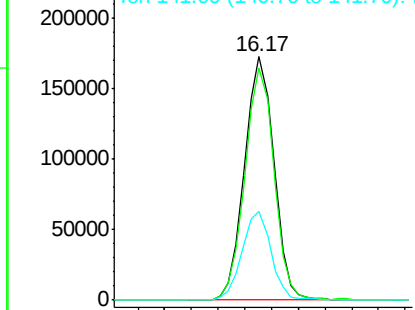


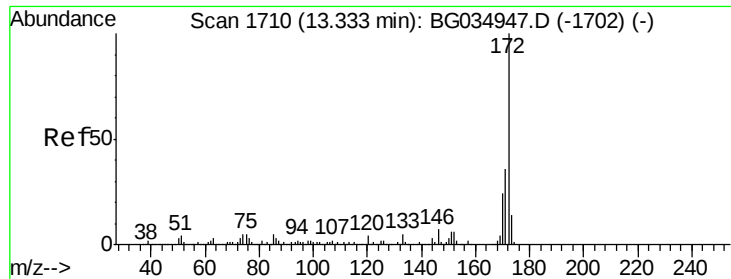
#41
 2,4,6-Tribromophenol
 Concen: 199.420 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035577.D
 Acq: 3 Jul 2018 8:40

Tgt Ion:330 Resp: 262553
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 36.2 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

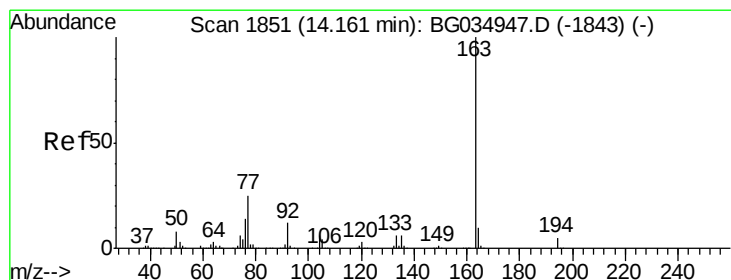
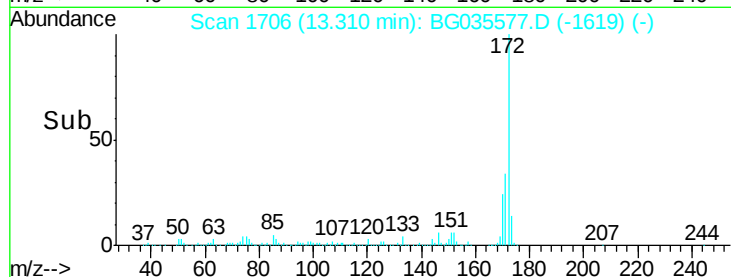
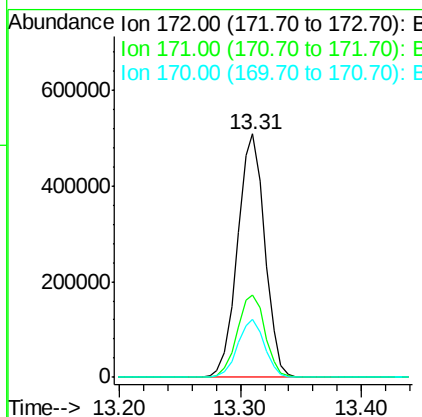
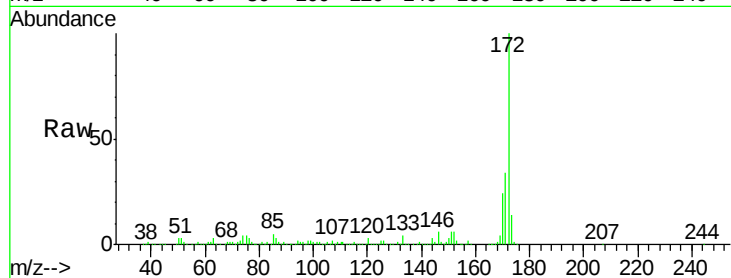




#44
2-Fluorobiphenyl
Concen: 101.144 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035577.D
Acq: 3 Jul 2018 8:40

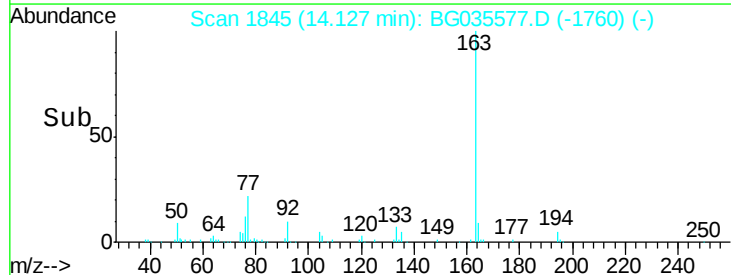
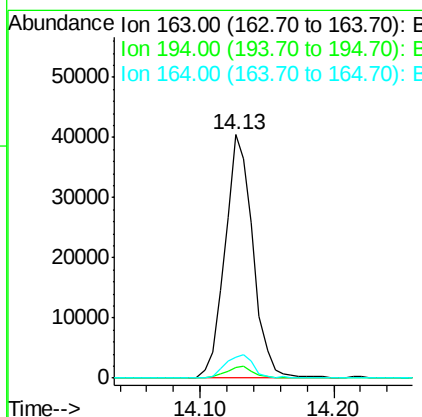
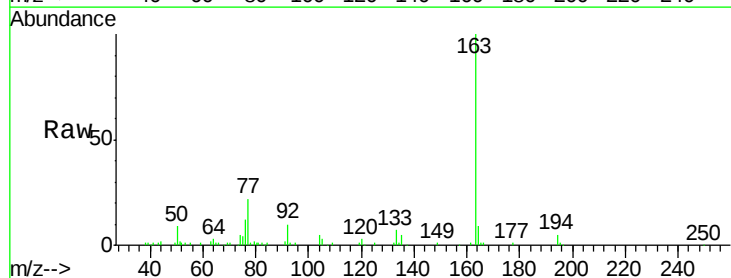
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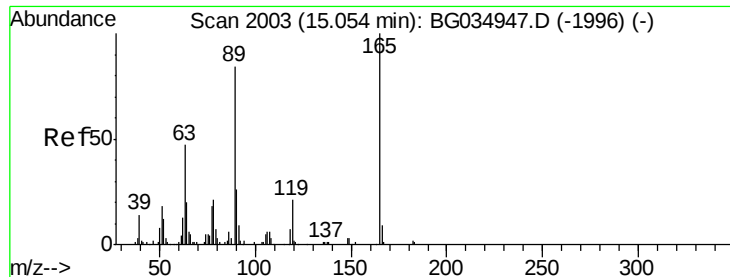
Tgt Ion:172 Resp: 800188
Ion Ratio Lower Upper
172 100
171 33.7 30.0 45.0
170 23.7 19.5 29.3



#49
Dimethylphthalate
Concen: 6.602 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.03 min
Lab File: BG035577.D
Acq: 3 Jul 2018 8:40

Tgt Ion:163 Resp: 59214
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 8.8 8.2 12.4

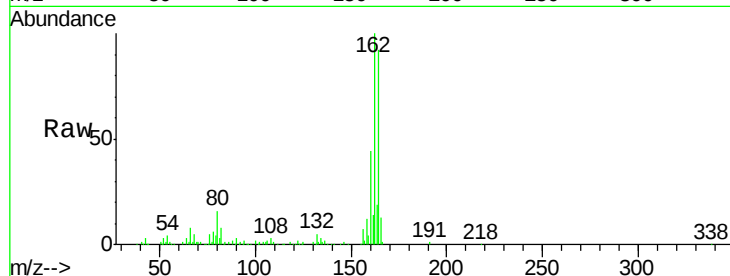




#56
 2,4-Dinitrotoluene
 Concen: 6.412 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.37 min
 Lab File: BG035577.D
 Acq: 3 Jul 2018 8:40

Instrument :
 BNA_G
 ClientSampleId :
 MW-8

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	3.1	66.9	100.3#
182	0.0	2.6	3.8#

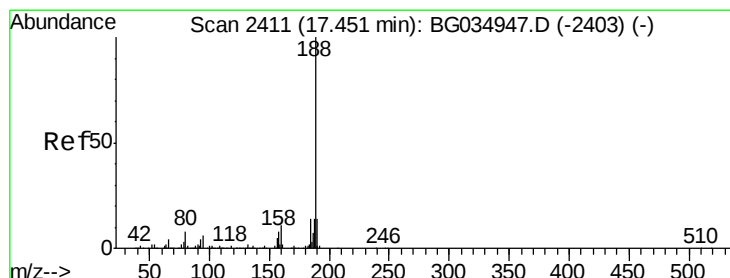
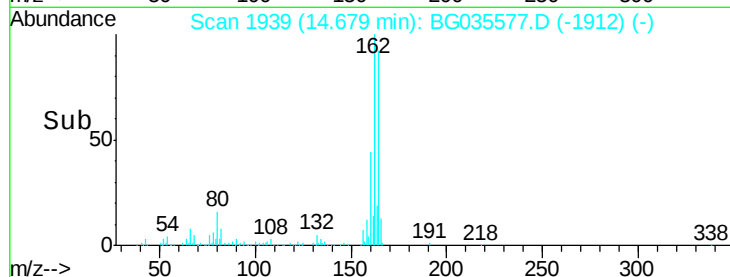
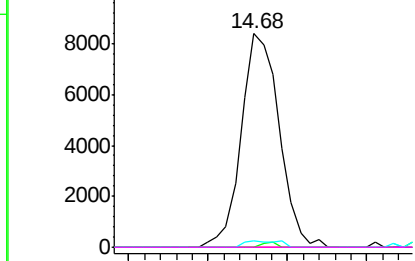


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

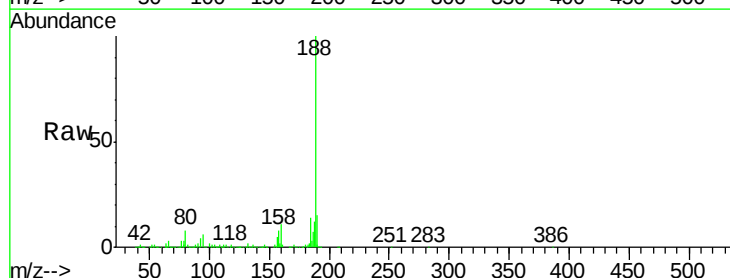
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG035577.D
 Acq: 3 Jul 2018 8:40

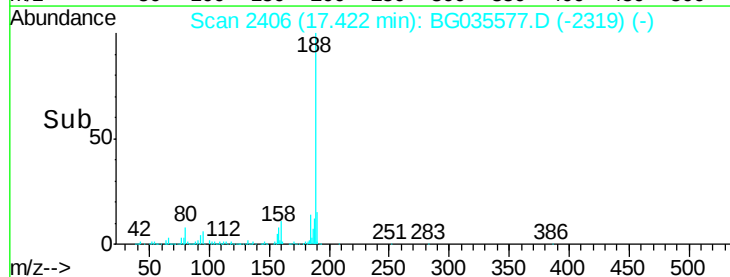
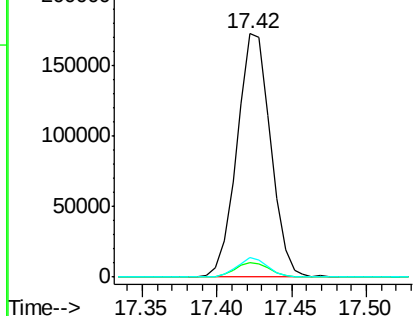
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	7.8	7.7	11.5

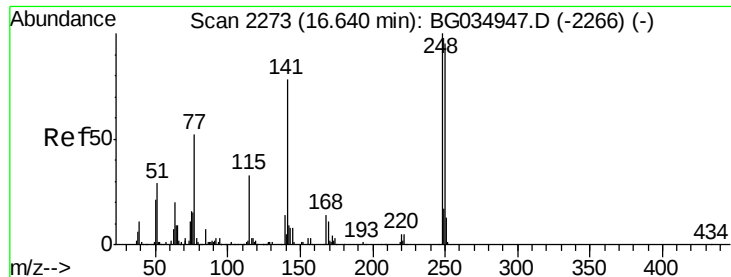


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

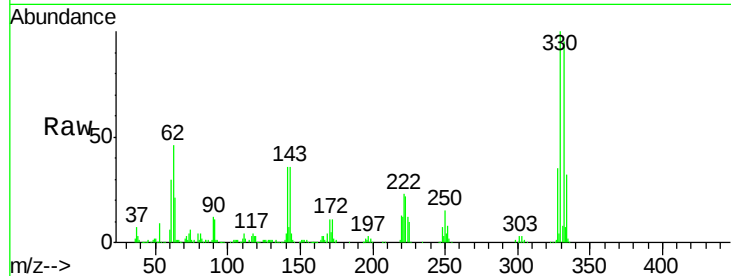




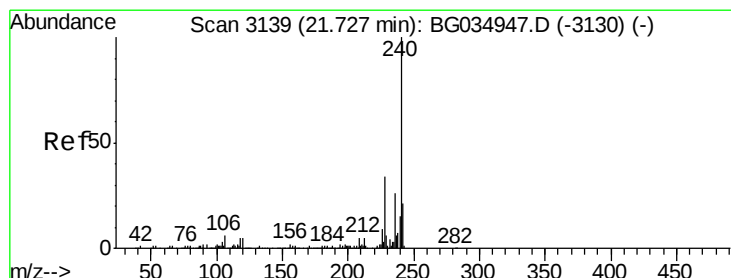
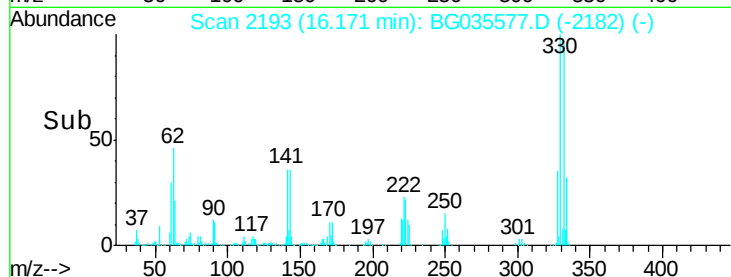
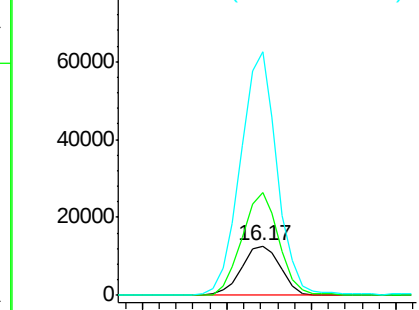
#66
 4-Bromophenyl-phenylether
 Concen: 6.217 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.46 min
 Lab File: BG035577.D
 Acq: 3 Jul 2018 8:40

Instrument :
 BNA_G
 ClientSampleId :
 MW-8

Tgt Ion:248 Resp: 20231
 Ion Ratio Lower Upper
 248 100
 250 207.9 77.1 115.7#
 141 494.4 50.8 76.2#

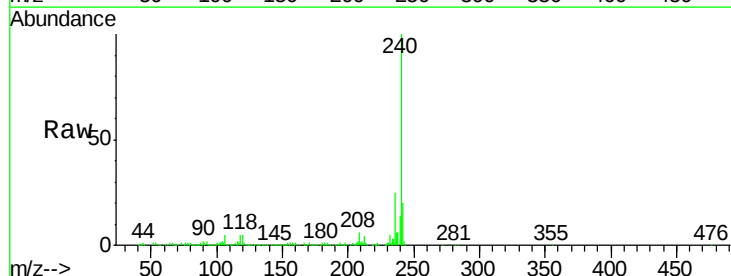


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

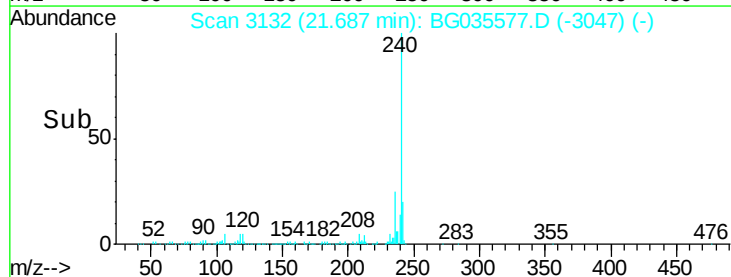
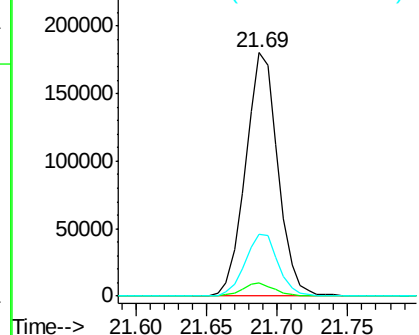


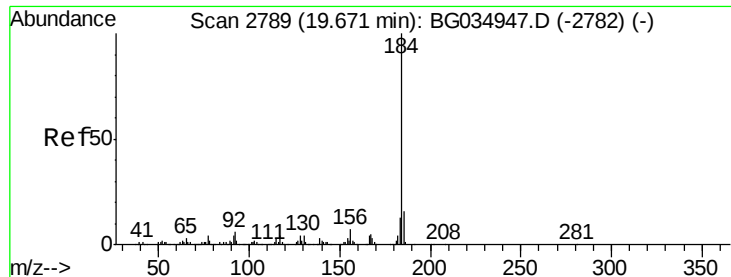
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.03 min
 Lab File: BG035577.D
 Acq: 3 Jul 2018 8:40

Tgt Ion:240 Resp: 289297
 Ion Ratio Lower Upper
 240 100
 120 5.5 6.8 10.2#
 236 25.2 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





#76

Benzidine

Concen: 2.309 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.36 min

Lab File: BG035577.D

Acq: 3 Jul 2018 8:40

Instrument :

BNA_G

ClientSampleId :

MW-8

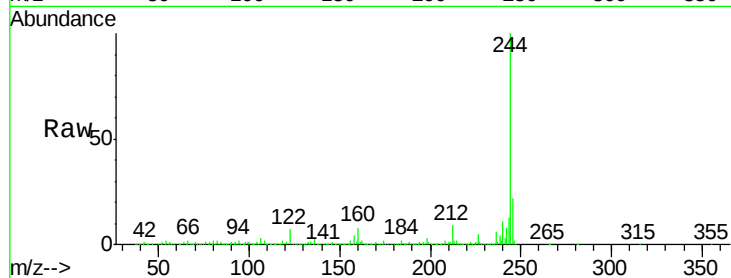
Tgt Ion:184 Resp: 24851

Ion Ratio Lower Upper

184 100

185 19.0 11.1 16.7#

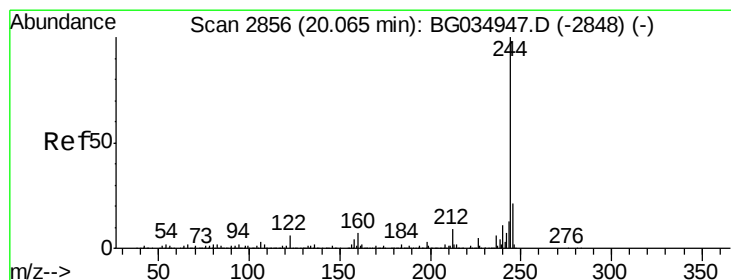
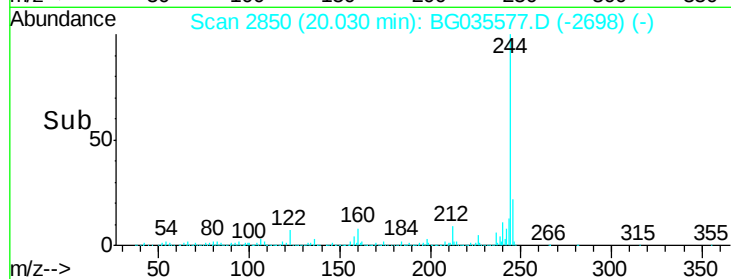
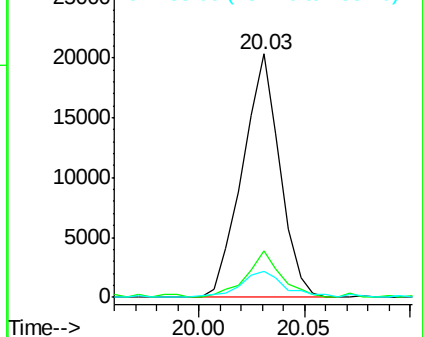
183 10.7 10.6 16.0



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: 106.384 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035577.D

Acq: 3 Jul 2018 8:40

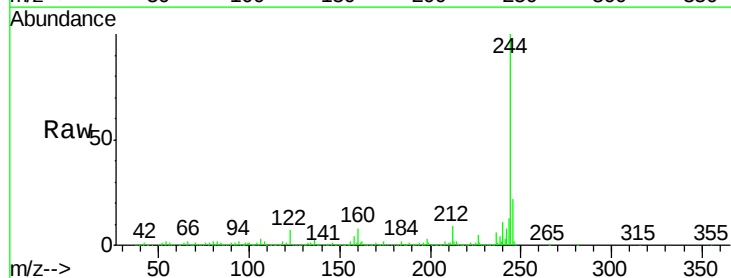
Tgt Ion:244 Resp: 1469283

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

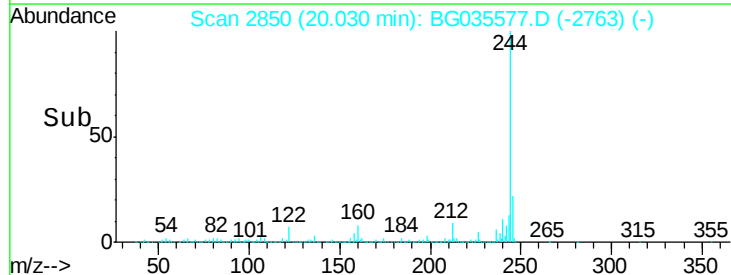
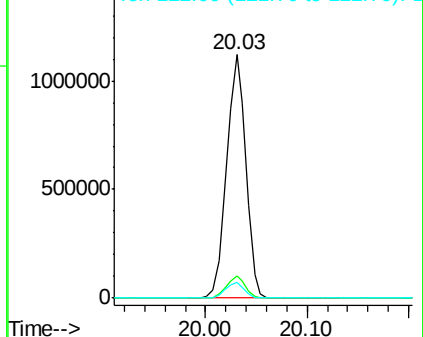
122 6.7 7.0 10.4#

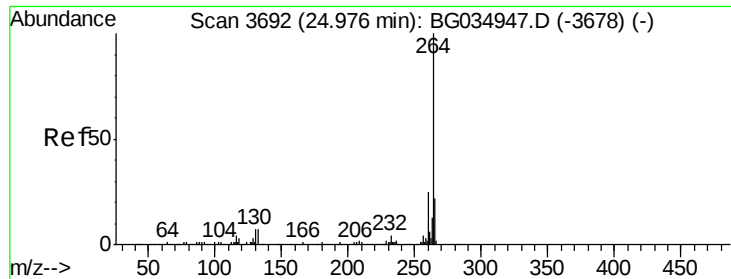


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.91 min Scan# 3681
Delta R.T. -0.04 min
Lab File: BG035577.D
Acq: 3 Jul 2018 8:40

Instrument :
BNA_G
ClientSampleId :
MW-8

Tgt Ion: 264 Resp: 282737
Ion Ratio Lower Upper
264 100
260 22.3 17.4 26.0
265 20.0 17.7 26.5

