

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG070218\
 Data File : BG035578.D
 Acq On : 3 Jul 2018 9:19
 Operator : JU/SJ
 Sample : J3800-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-11

Quant Time: Jul 03 11:15:02 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

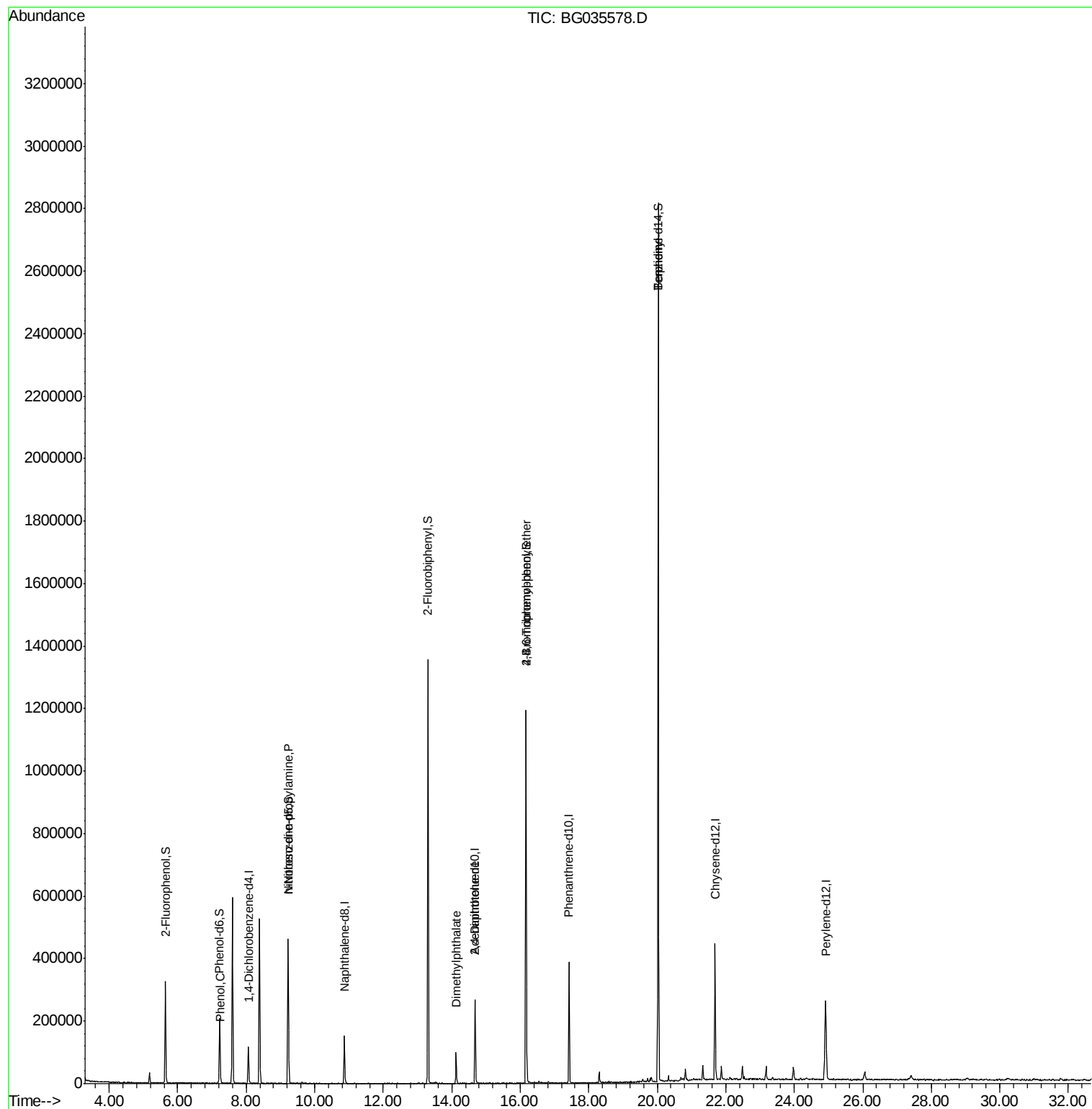
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	34072	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	125350	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	92161	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	254706	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	274132	20.00	ng	-0.03
86) Perylene-d12	24.91	264	260994	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	139370	69.03	ng	0.00
7) Phenol-d6	7.23	99	125674	42.17	ng	0.00
23) Nitrobenzene-d5	9.22	82	306415	116.20	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	230083	195.02	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	722433	101.90	ng	-0.02
78) Terphenyl-d14	20.03	244	1373654	104.96	ng	-0.02
Target Compounds						
10) Phenol	7.25	94	6906	2.239	ng	95
19) n-Nitroso-di-n-propylamine	9.22	70	44895	17.734	ng	# 69
49) Dimethylphthalate	14.13	163	66535	8.279	ng	99
56) 2,4-Dinitrotoluene	14.69	165	12245	6.287	ng	# 19
66) 4-Bromophenyl-phenylether	16.17	248	18073	5.892	ng	# 1
76) Benzidine	20.03	184	23633	2.317	ng	# 92

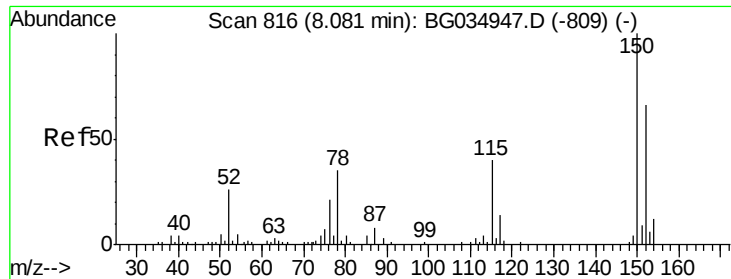
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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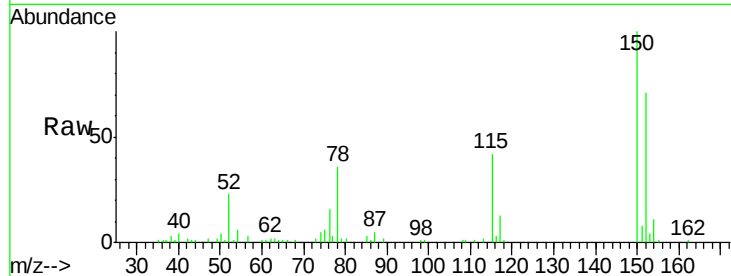




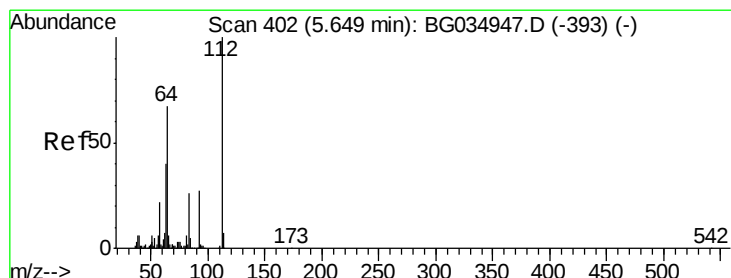
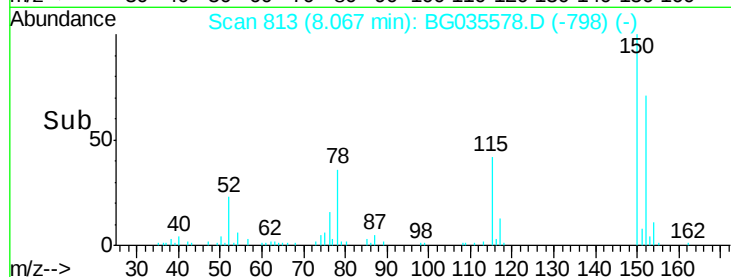
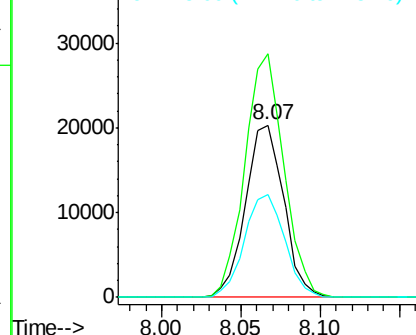
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG035578.D
 Acq: 3 Jul 2018 9:19

Instrument :
 BNA_G
 ClientSampleId :
 MW-11

Tgt Ion:152 Resp: 34072
 Ion Ratio Lower Upper
 152 100
 150 141.3 126.6 189.8
 115 59.8 53.0 79.4

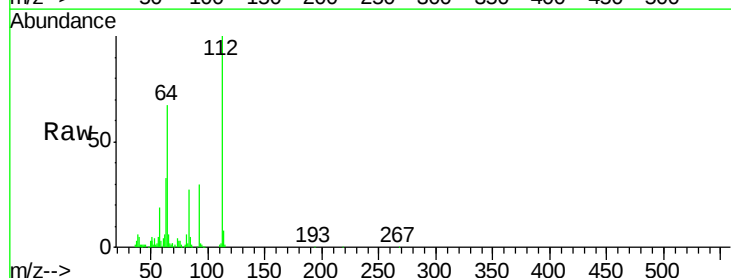


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

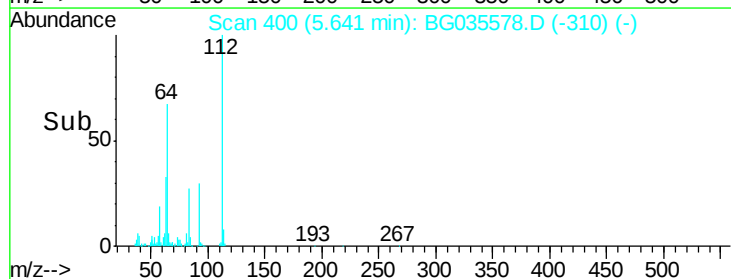
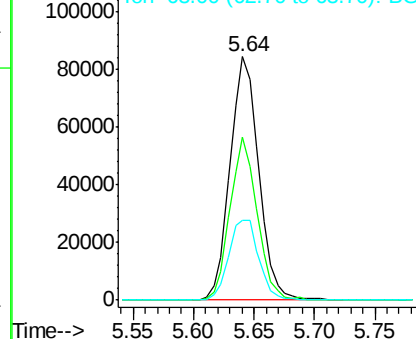


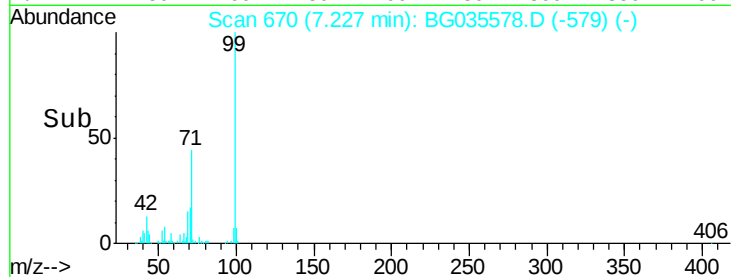
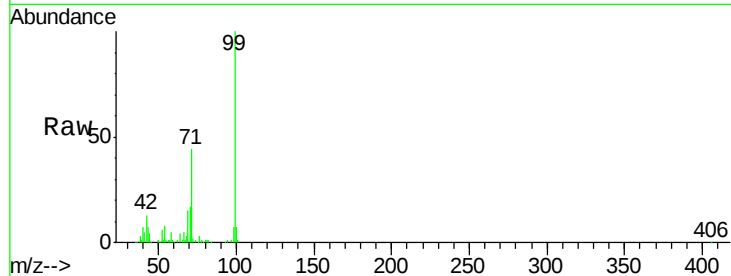
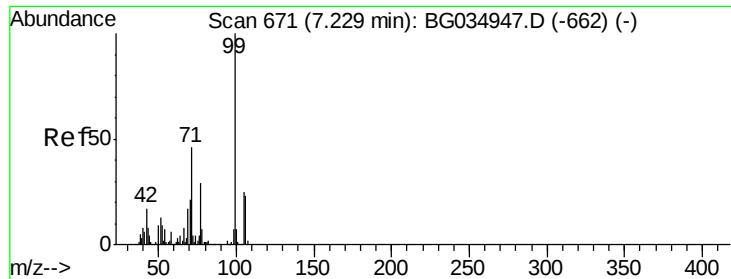
#5
 2-Fluorophenol
 Concen: 69.031 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: BG035578.D
 Acq: 3 Jul 2018 9:19

Tgt Ion:112 Resp: 139370
 Ion Ratio Lower Upper
 112 100
 64 66.8 56.3 84.5
 63 33.0 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: 42.175 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG035578.D

Acq: 3 Jul 2018 9:19

Instrument :

BNA_G

ClientSampleId :

MW-11

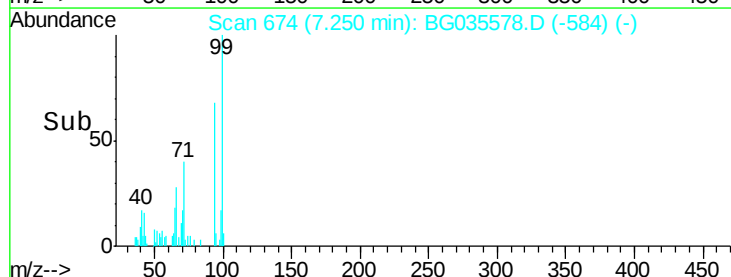
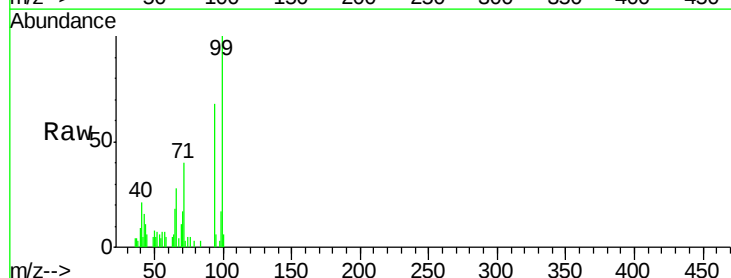
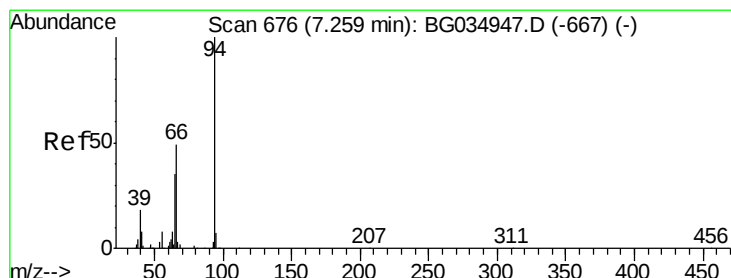
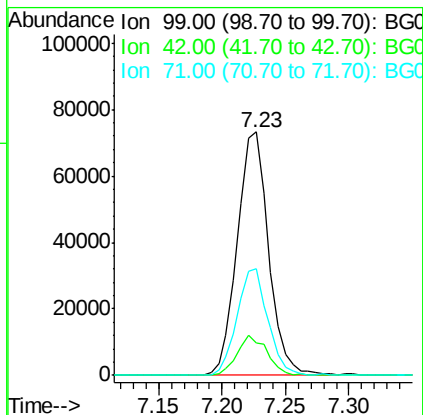
Tgt Ion: 99 Resp: 125674

Ion Ratio Lower Upper

99 100

42 13.3 14.1 21.1#

71 43.7 26.1 39.1#



#10

Phenol

Concen: 2.239 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG035578.D

Acq: 3 Jul 2018 9:19

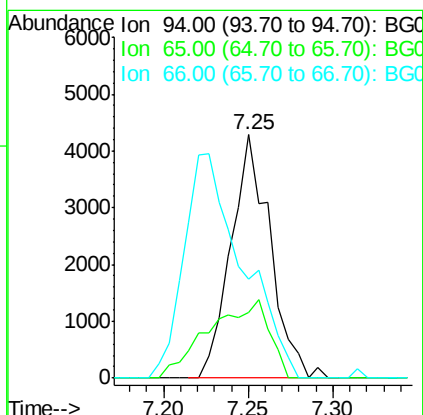
Tgt Ion: 94 Resp: 6906

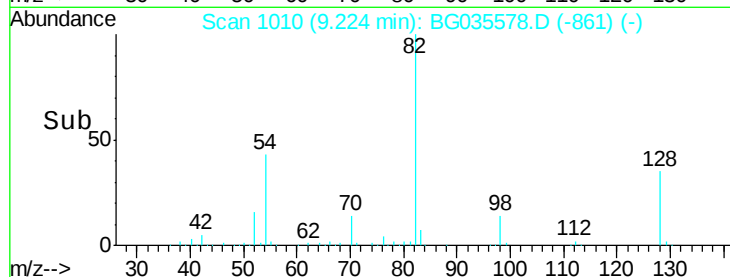
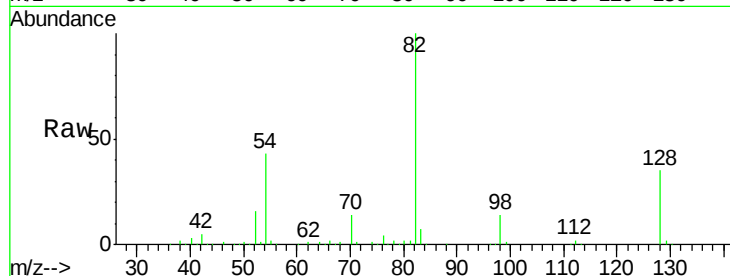
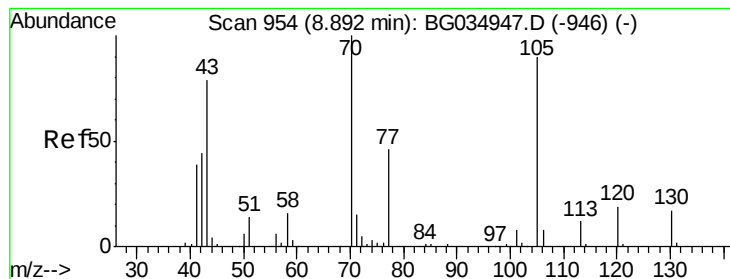
Ion Ratio Lower Upper

94 100

65 27.1 11.9 51.9

66 40.8 22.2 62.2





#19

n-Nitroso-di-n-propylamine

Concen: 17.734 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035578.D

Acq: 3 Jul 2018 9:19

Instrument :

BNA_G

ClientSampleId :

MW-11

Tgt Ion: 70 Resp: 44895

Ion Ratio Lower Upper

70 100

42 38.1 49.1 73.7#

101 0.0 8.5 12.7#

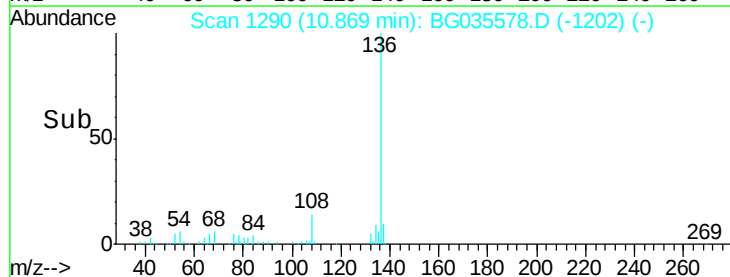
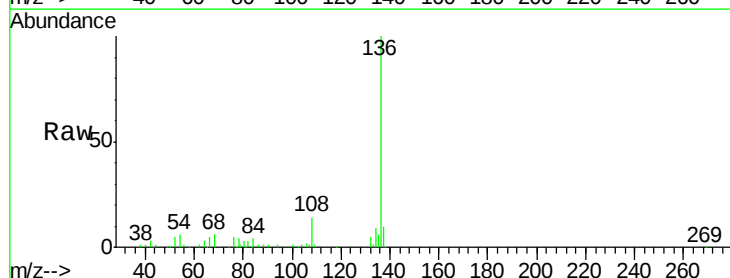
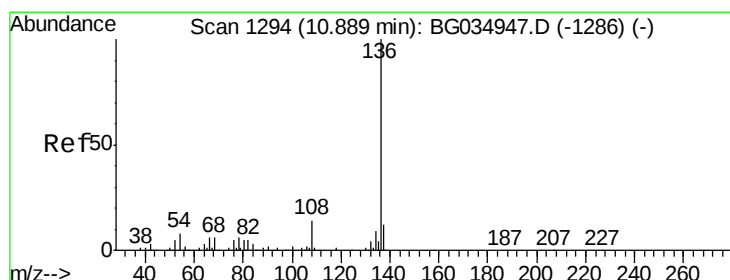
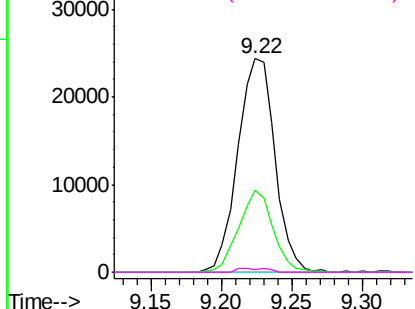
130 1.4 13.4 20.0#

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: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035578.D

Acq: 3 Jul 2018 9:19

Tgt Ion: 136 Resp: 125350

Ion Ratio Lower Upper

136 100

137 10.1 9.2 13.8

54 6.1 10.3 15.5#

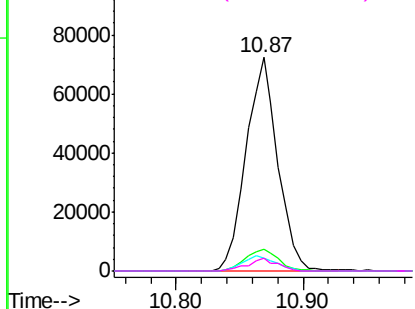
68 6.0 4.5 6.7

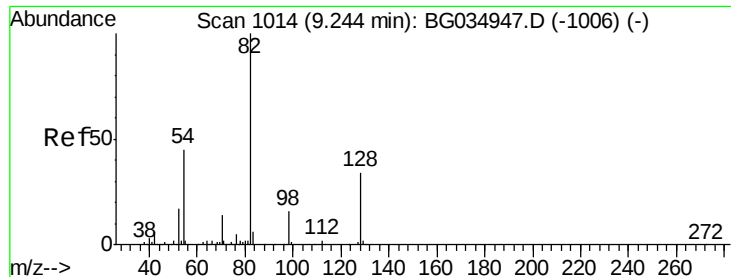
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

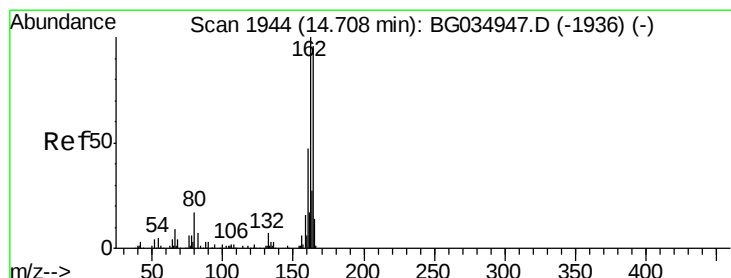
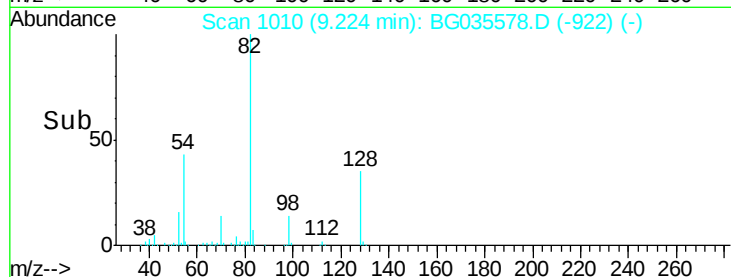
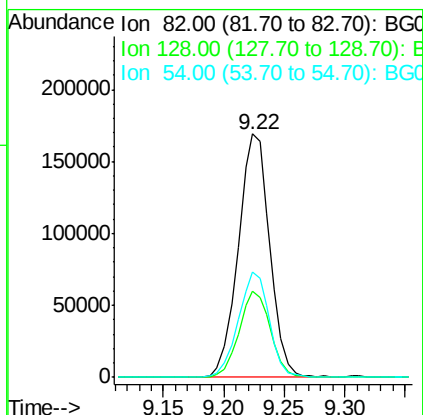
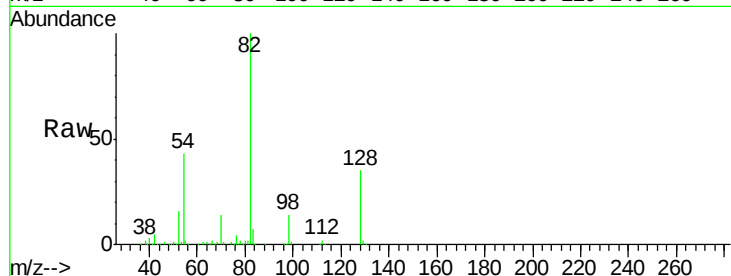




#23
 Nitrobenzene-d5
 Concen: 116.197 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BG035578.D
 Acq: 3 Jul 2018 9:19

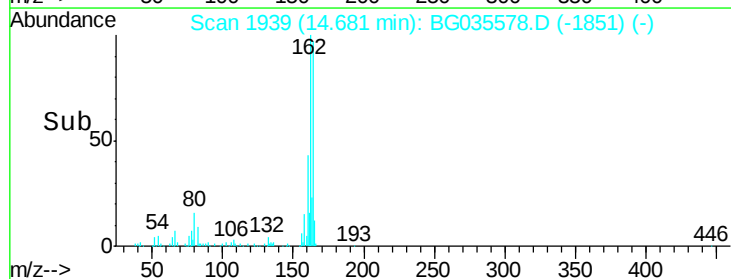
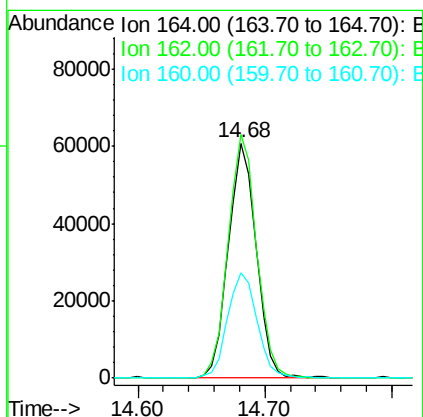
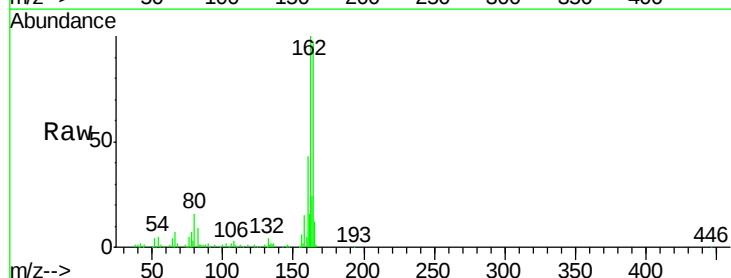
Instrument :
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 ClientSampleId :
 MW-11

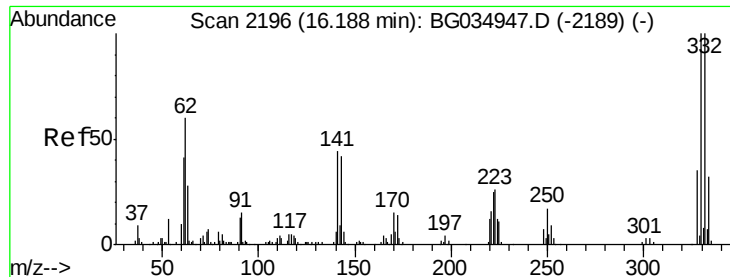
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.3	29.7	44.5
54	43.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG035578.D
 Acq: 3 Jul 2018 9:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	78.8	118.2
160	44.9	35.4	53.0

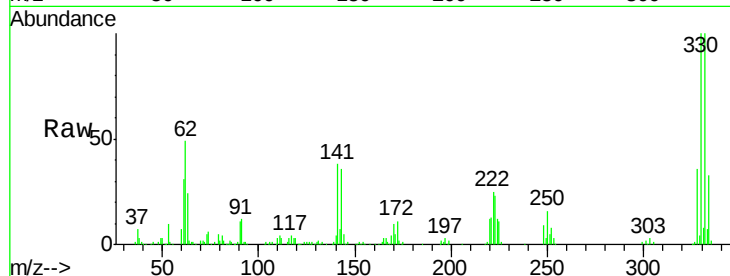




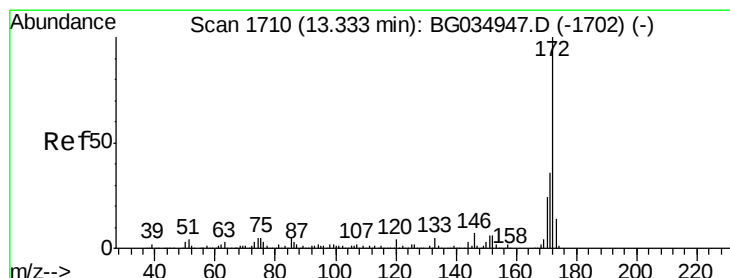
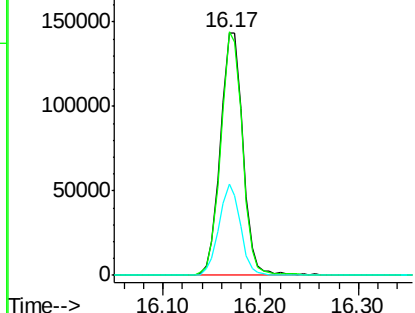
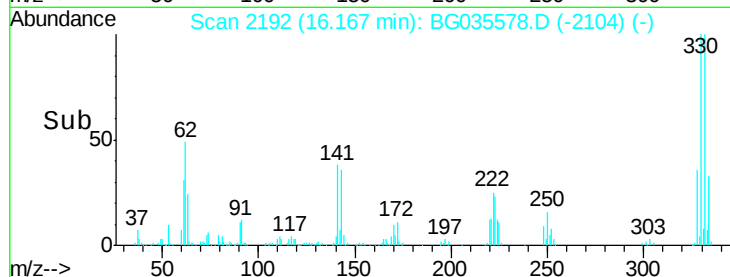
#41
 2,4,6-Tribromophenol
 Concen: 195.022 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035578.D
 Acq: 3 Jul 2018 9:19

Instrument :
 BNA_G
 ClientSampleId :
 MW-11

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	35.9	25.2	37.8

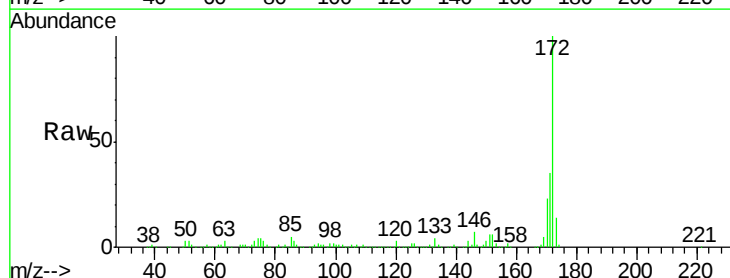


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

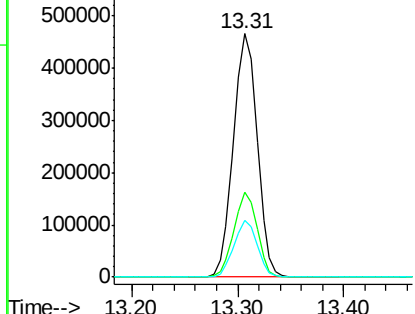
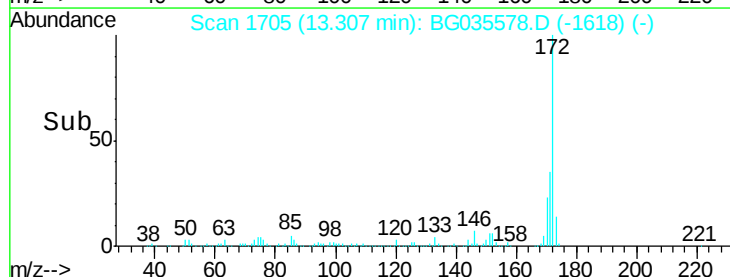


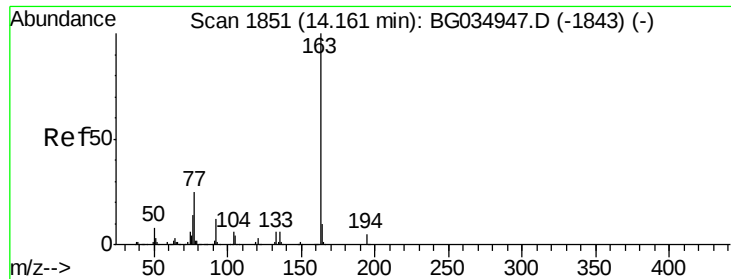
#44
 2-Fluorobiphenyl
 Concen: 101.904 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035578.D
 Acq: 3 Jul 2018 9:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.0	45.0
170	23.4	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





#49

Dimethylphthalate

Concen: 8.279 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.03 min

Lab File: BG035578.D

Acq: 3 Jul 2018 9:19

Instrument :

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ClientSampleId :

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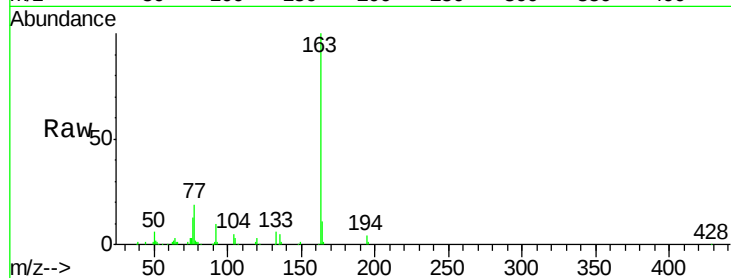
Tgt Ion:163 Resp: 66535

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

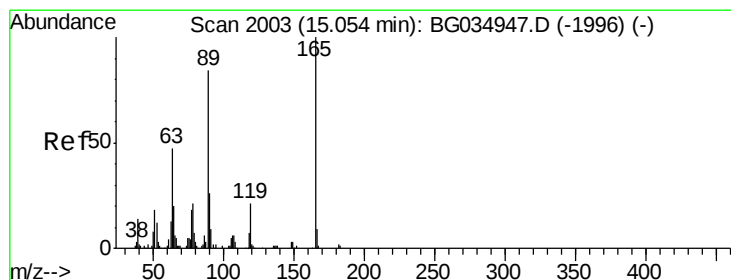
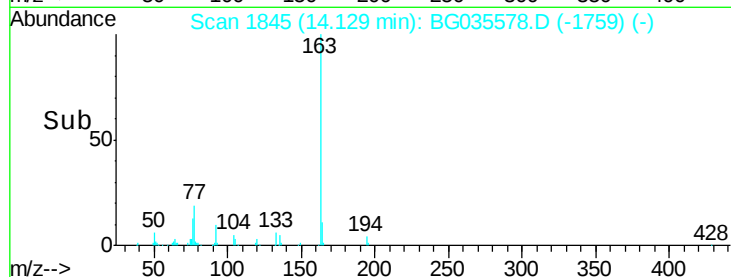
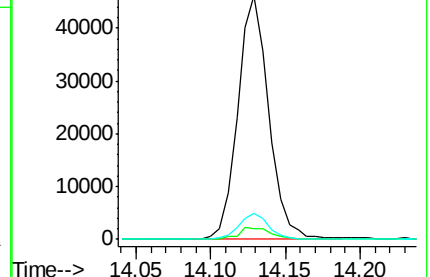
164 10.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.287 ng

RT: 14.69 min Scan# 1940

Delta R.T. -0.36 min

Lab File: BG035578.D

Acq: 3 Jul 2018 9:19

Tgt Ion:165 Resp: 12245

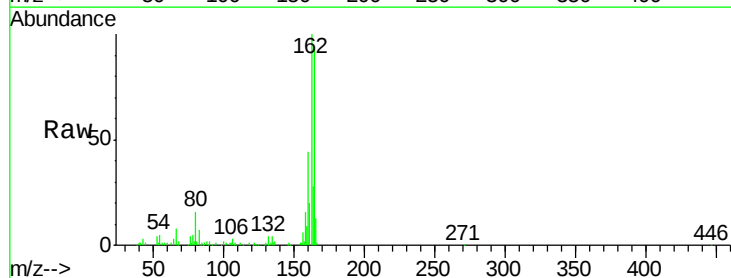
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 3.6 66.9 100.3#

182 0.0 2.6 3.8#

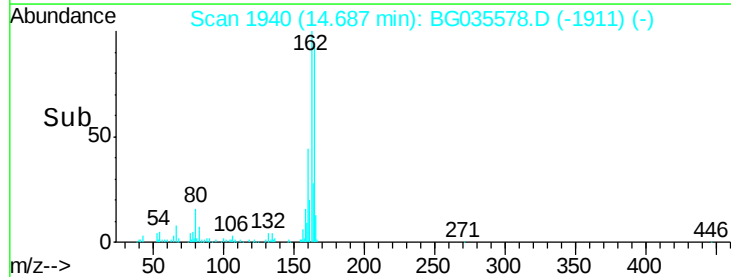
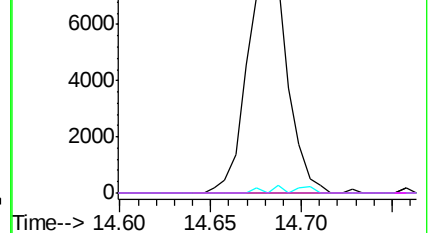


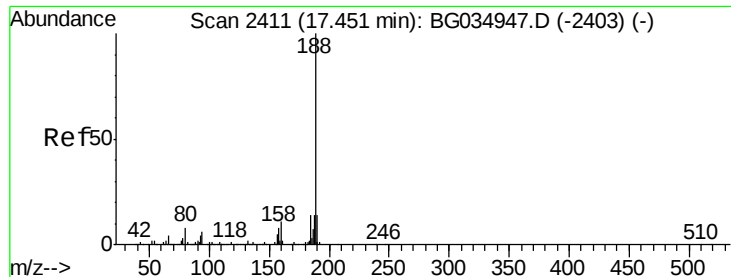
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG035578.D

Acq: 3 Jul 2018 9:19

Instrument :

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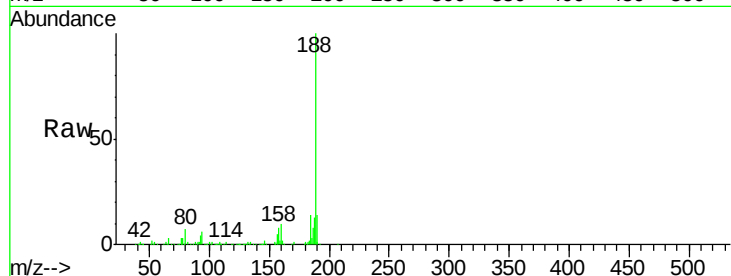
Tgt Ion:188 Resp: 254706

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

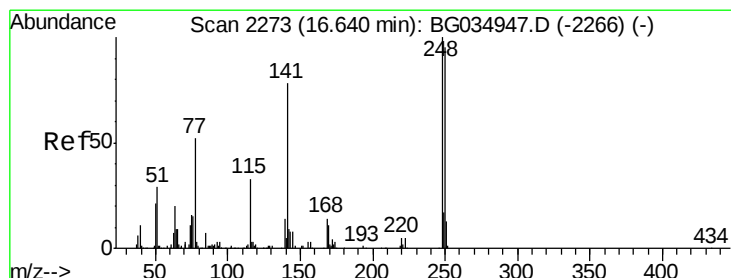
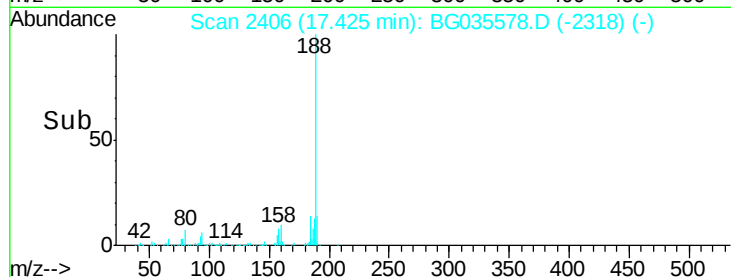
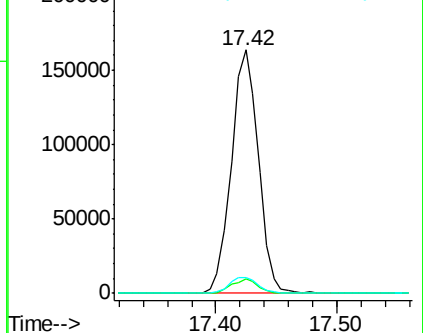
80 6.7 7.7 11.5#



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: 5.892 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.47 min

Lab File: BG035578.D

Acq: 3 Jul 2018 9:19

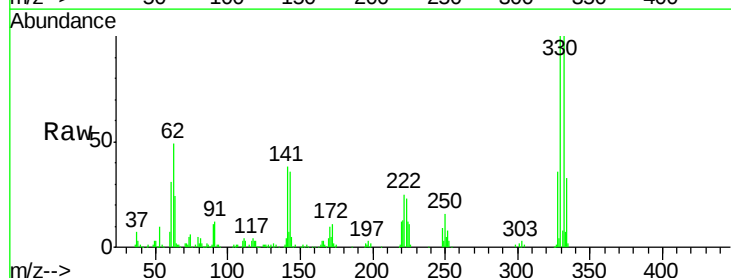
Tgt Ion:248 Resp: 18073

Ion Ratio Lower Upper

248 100

250 191.0 77.1 115.7#

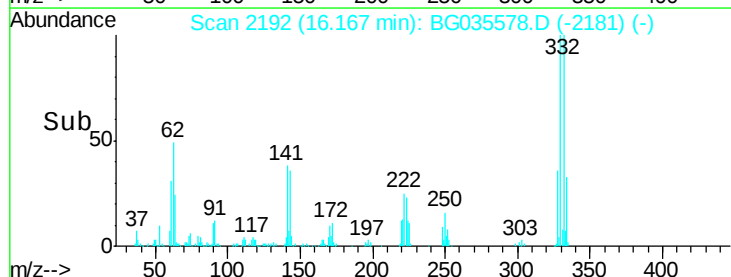
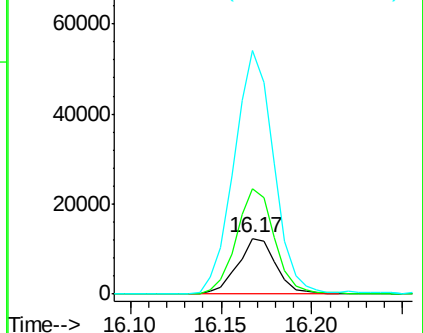
141 438.9 50.8 76.2#

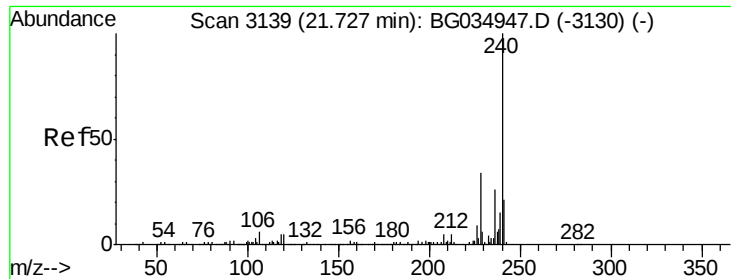


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG035578.D

Acq: 3 Jul 2018 9:19

Instrument :

BNA_G

ClientSampleId :

MW-11

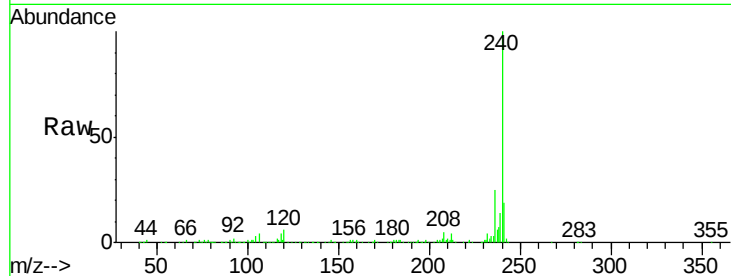
Tgt Ion:240 Resp: 274132

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

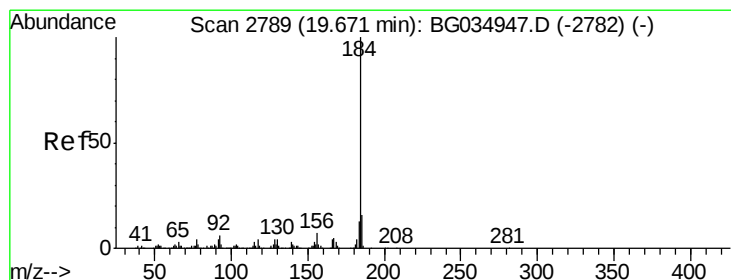
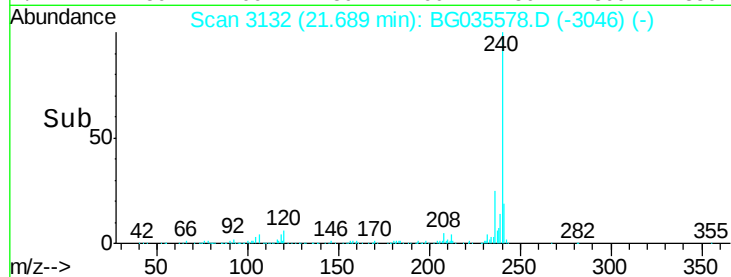
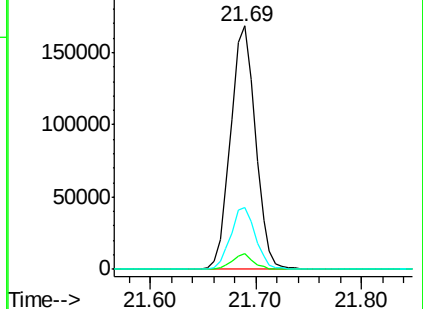
236 25.3 20.9 31.3



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: 2.317 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.36 min

Lab File: BG035578.D

Acq: 3 Jul 2018 9:19

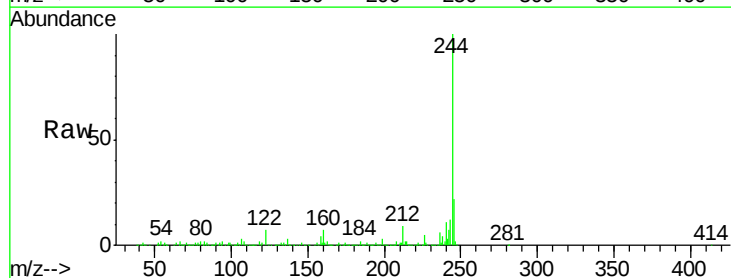
Tgt Ion:184 Resp: 23633

Ion Ratio Lower Upper

184 100

185 16.9 11.1 16.7#

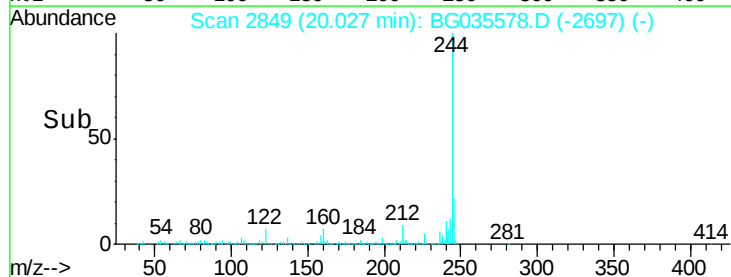
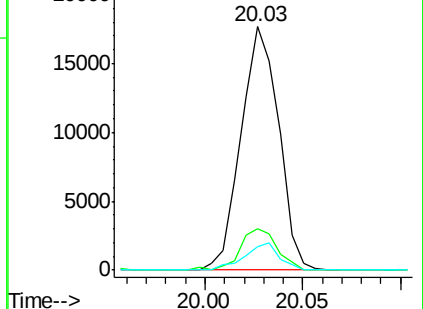
183 9.6 10.6 16.0#

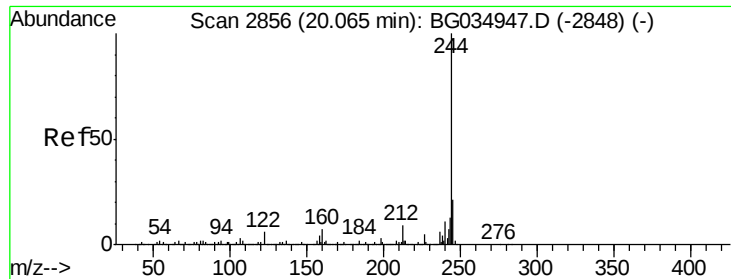


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 104.962 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035578.D

Acq: 3 Jul 2018 9:19

Instrument :

BNA_G

ClientSampleId :

MW-11

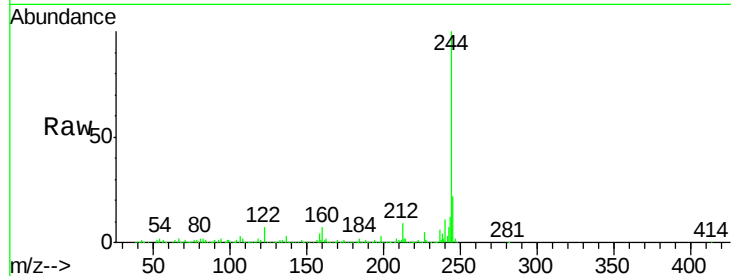
Tgt Ion:244 Resp: 1373654

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

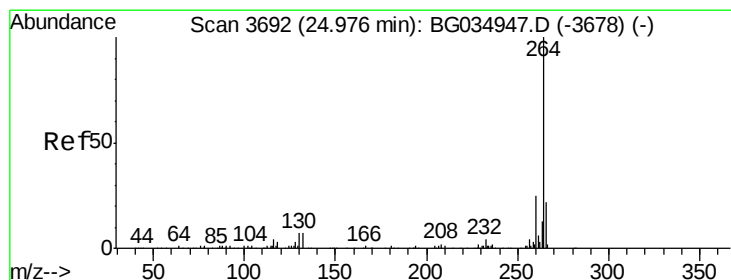
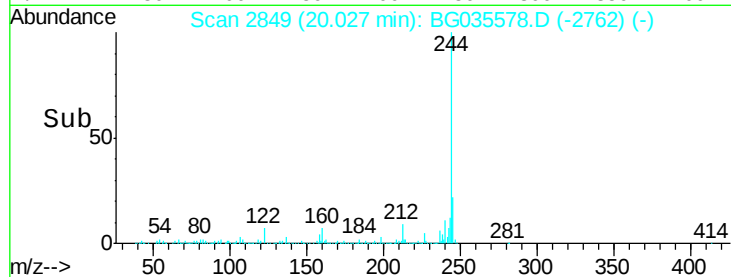
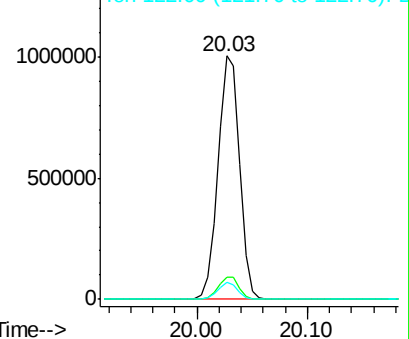
122 6.9 7.0 10.4#



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# 3680

Delta R.T. -0.04 min

Lab File: BG035578.D

Acq: 3 Jul 2018 9:19

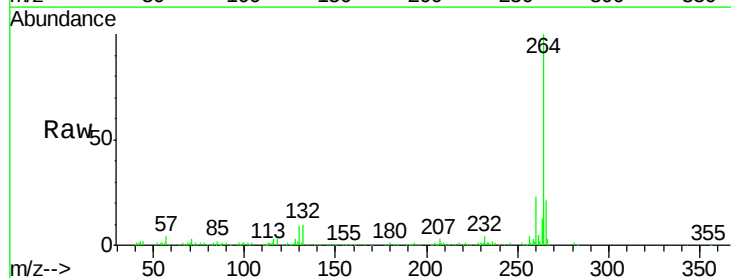
Tgt Ion:264 Resp: 260994

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

265 21.3 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

