

Data Path : Z:\HPCHEM1\BNA_G\Data\BG041315\
 Data File : BG016388.D
 Acq On : 14 Apr 2015 8:55
 Operator : TP/IZ
 Sample : G1806-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-01

Quant Time: Apr 14 14:28:27 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	96593	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	438359	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	248681	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	489072	20.00	ng	0.00
75) Chrysene-d12	21.23	240	437768	20.00	ng	0.00
86) Perylene-d12	23.47	264	388737	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	333261	54.45	ng	0.00
7) Phenol-d6	6.86	99	275121	29.94	ng	0.00
23) Nitrobenzene-d5	8.84	82	573892	75.84	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	198126	117.81	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	1158502	79.32	ng	0.00
78) Terphenyl-d14	19.69	244	1016937	54.37	ng	0.00
Target Compounds						
9) Benzaldehyde	6.82	77	11367	2.11	ng	# 1
15) Benzyl Alcohol	7.95	79	29363	4.58	ng	# 37
18) Hexachloroethane	8.78	117	33081	11.23	ng	# 1
22) Acetophenone	8.48	105	35807	3.52	ng	# 57
24) Nitrobenzene	8.86	77	24220	2.99	ng	# 6
31) Naphthalene	10.51	128	228565	10.01	ng	# 96
32) Benzoic acid	9.78	122	192	8.77	ng	# 61
37) 2-Methylnaphthalene	12.13	142	466033	28.36	ng	# 99
47) 2-Nitroaniline	13.45	65	14985	3.20	ng	# 20
49) Dimethylphthalate	13.78	163	41874	2.30	ng	# 99
62) Azobenzene	15.67	77	42866	2.08	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.45	198	81	3.91	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.67 min Scan# 848

Delta R.T. -0.00 min

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MW-01

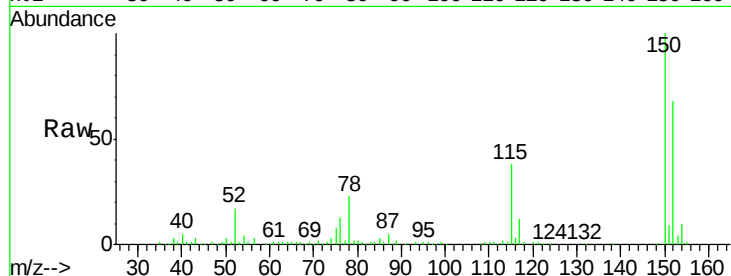
Tgt Ion:152 Resp: 96593

Ion Ratio Lower Upper

152 100

150 147.0 130.1 195.1

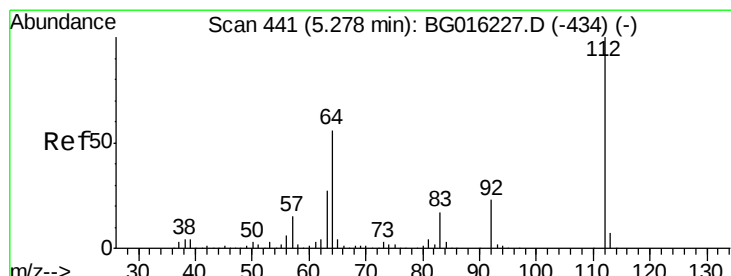
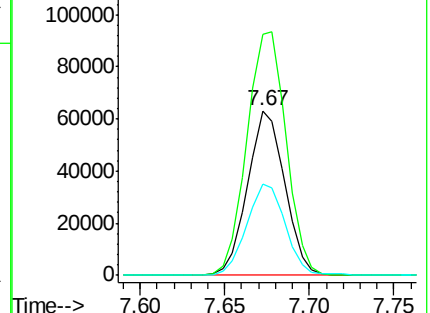
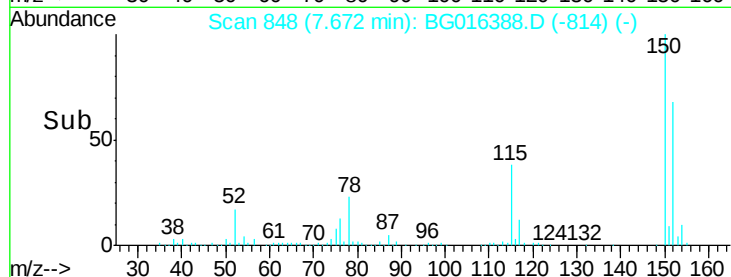
115 55.5 50.5 75.7



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: 54.45 ng

RT: 5.26 min Scan# 438

Delta R.T. -0.00 min

Lab File: BG016388.D

Acq: 14 Apr 2015 8:55

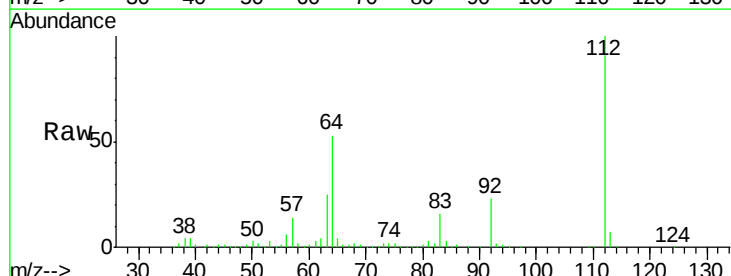
Tgt Ion:112 Resp: 333261

Ion Ratio Lower Upper

112 100

64 52.7 44.5 66.7

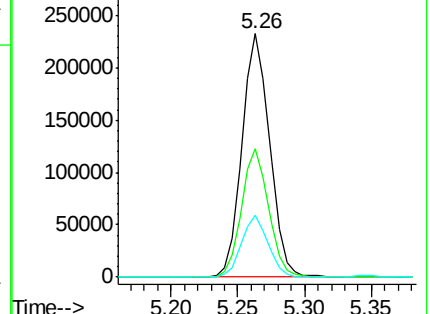
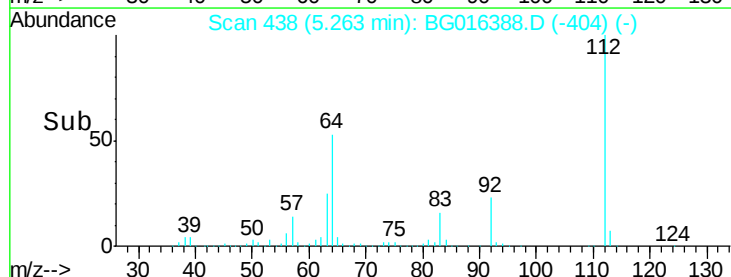
63 25.3 21.4 32.0

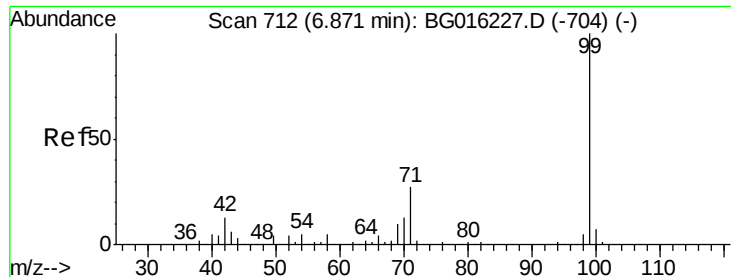


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 29.94 ng

RT: 6.86 min Scan# 710

Delta R.T. -0.00 min

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MW-01

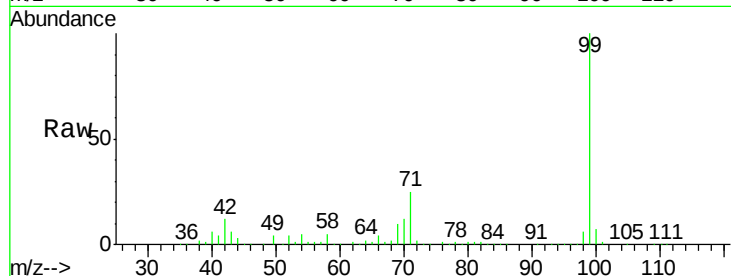
Tgt Ion: 99 Resp: 275121

Ion Ratio Lower Upper

99 100

42 11.8 10.0 15.0

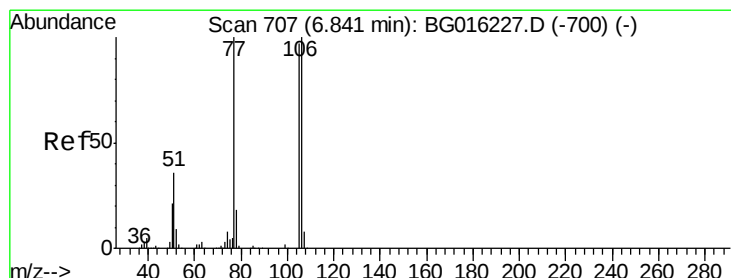
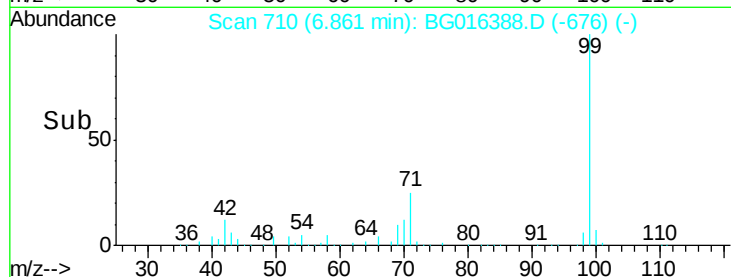
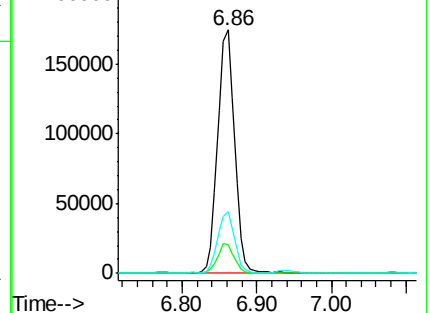
71 25.3 21.5 32.3



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



#9

Benzaldehyde

Concen: 2.11 ng

RT: 6.82 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG016388.D

Acq: 14 Apr 2015 8:55

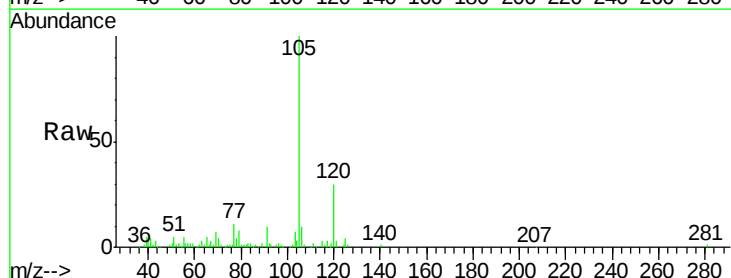
Tgt Ion: 77 Resp: 11367

Ion Ratio Lower Upper

77 100

105 928.7 76.8 116.8#

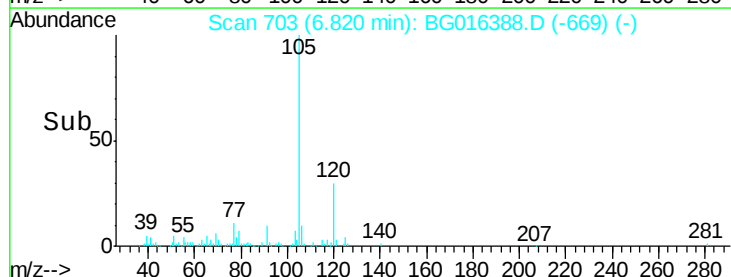
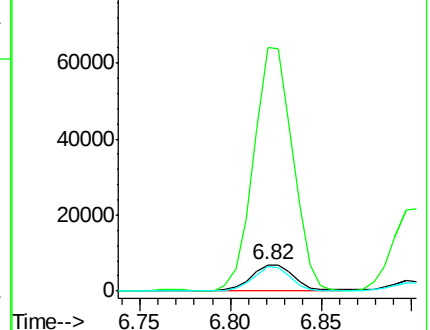
106 93.0 80.1 120.1

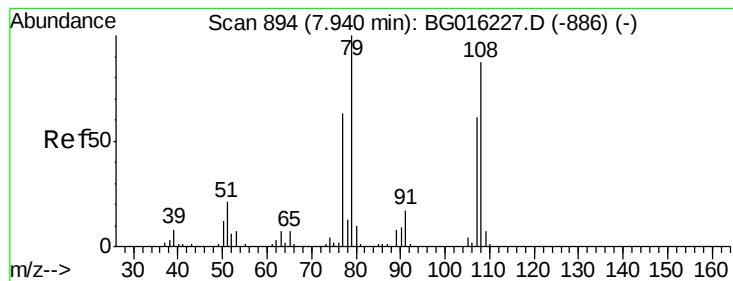


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#15

Benzyl Alcohol

Concen: 4.58 ng

RT: 7.95 min Scan# 895

Delta R.T. 0.03 min

Lab File: BG016388.D

Acq: 14 Apr 2015 8:55

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MW-01

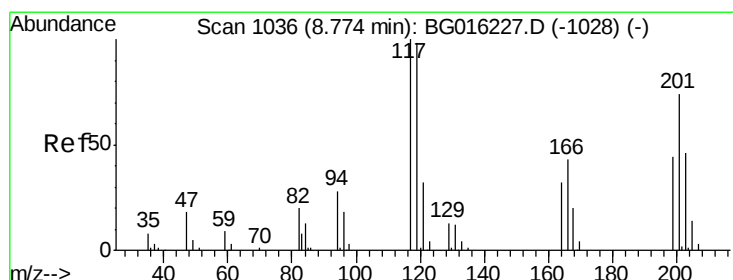
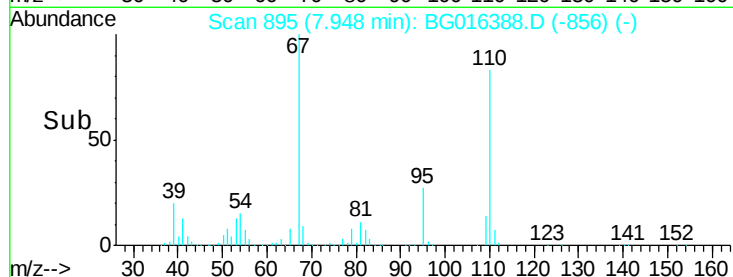
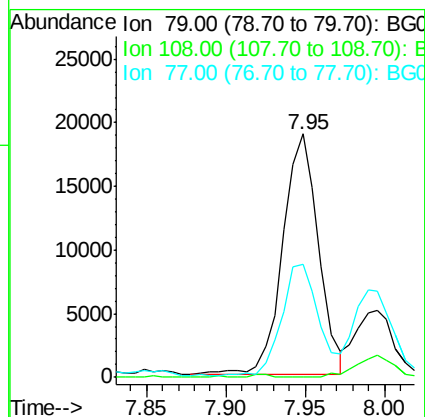
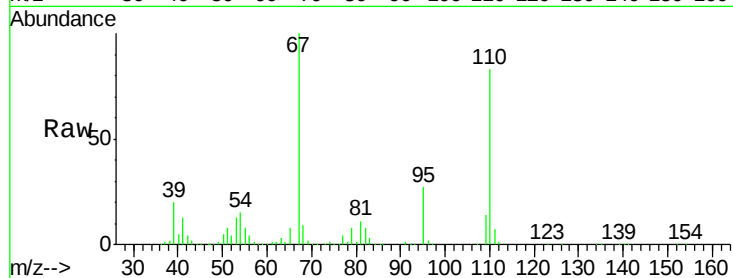
Tgt Ion: 79 Resp: 29363

Ion Ratio Lower Upper

79 100

108 0.0 69.3 103.9#

77 46.5 50.3 75.5#



#18

Hexachloroethane

Concen: 11.23 ng

RT: 8.78 min Scan# 1036

Delta R.T. 0.03 min

Lab File: BG016388.D

Acq: 14 Apr 2015 8:55

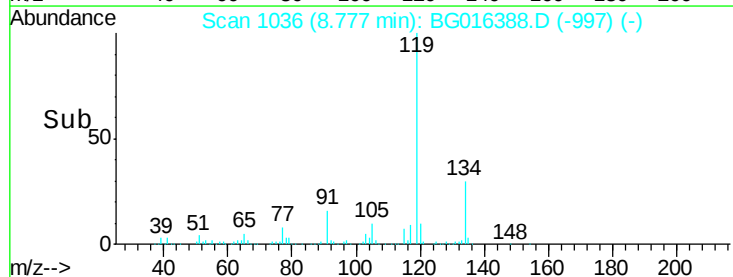
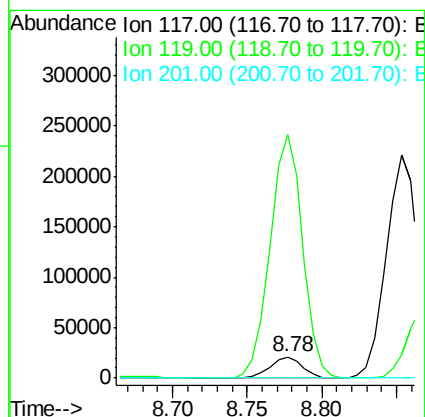
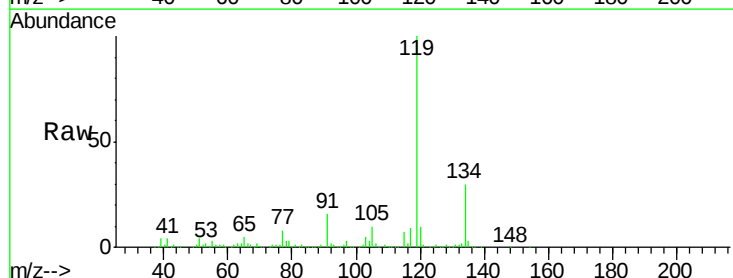
Tgt Ion: 117 Resp: 33081

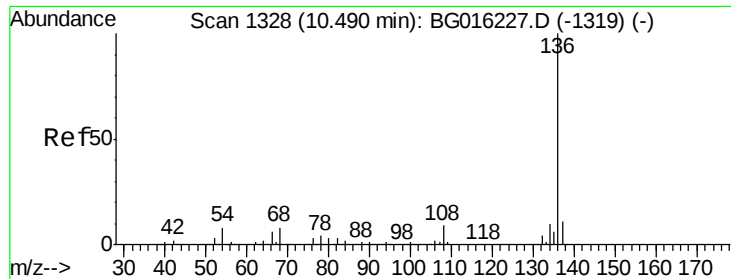
Ion Ratio Lower Upper

117 100

119 1146.2 78.8 118.2#

201 0.0 59.0 88.4#

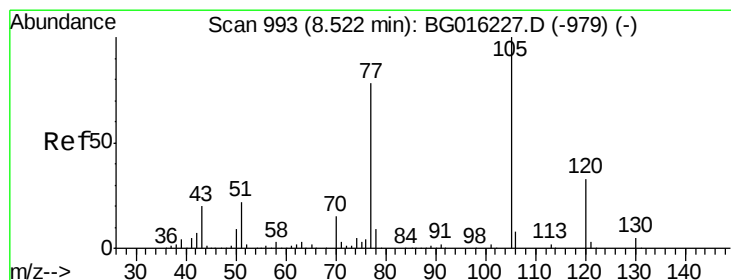
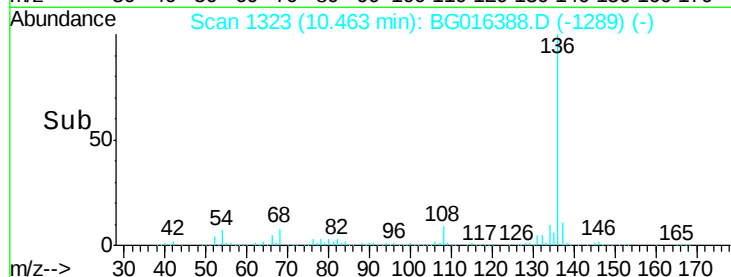
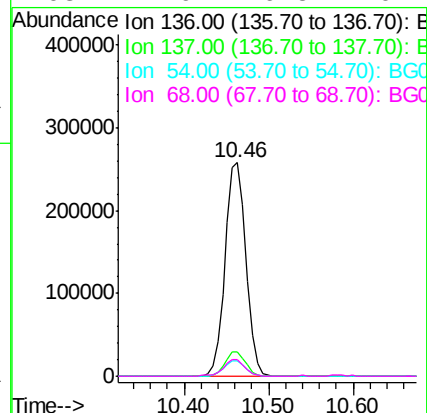
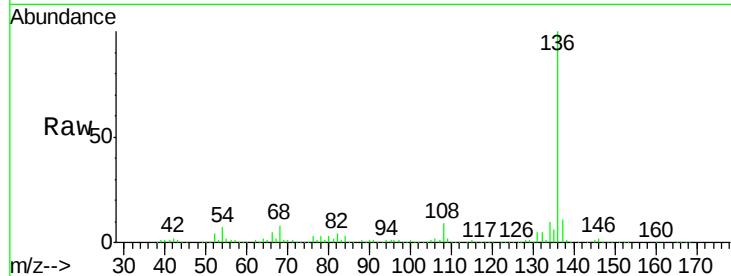




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.46 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG016388.D
Acq: 14 Apr 2015 8:55

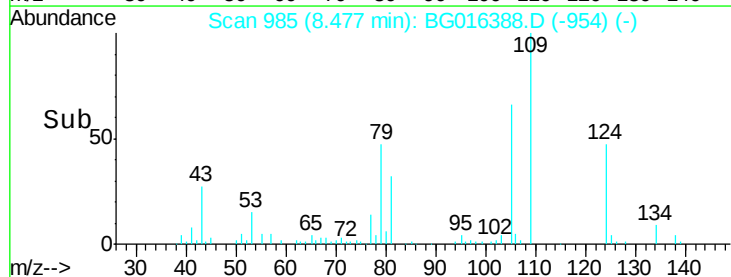
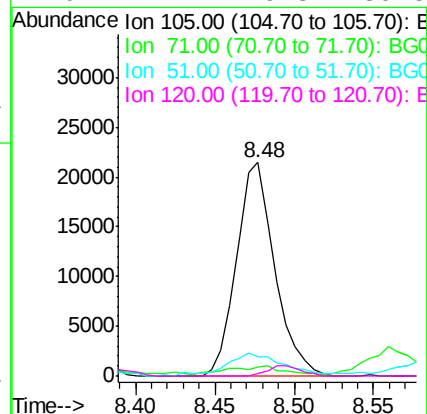
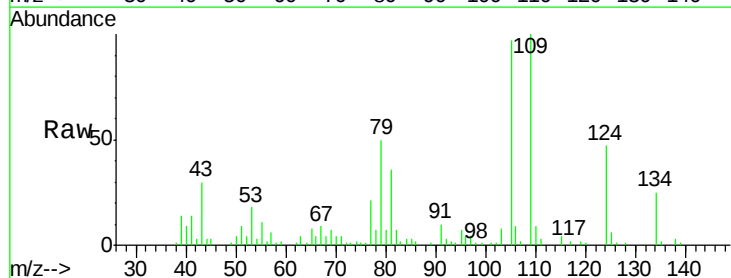
Instrument :
BNA_G
ClientSampleId :
MW-01

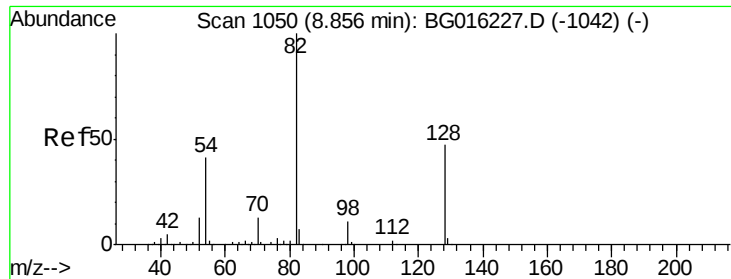
Tgt Ion:	136	Resp:	438359
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.4	6.3	9.5
68	7.9	6.5	9.7



#22
Acetophenone
Concen: 3.52 ng
RT: 8.48 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG016388.D
Acq: 14 Apr 2015 8:55

Tgt Ion:	105	Resp:	35807
Ion	Ratio	Lower	Upper
105	100		
71	4.1	2.0	3.0#
51	9.2	17.9	26.9#
120	1.4	26.3	39.5#

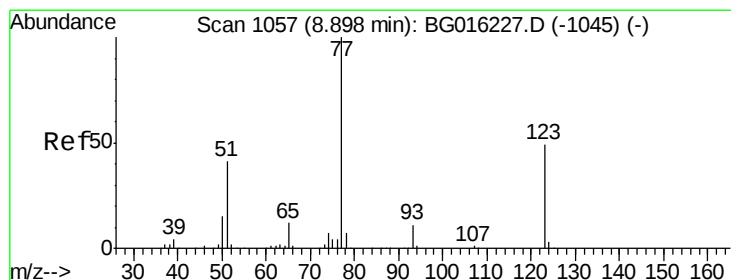
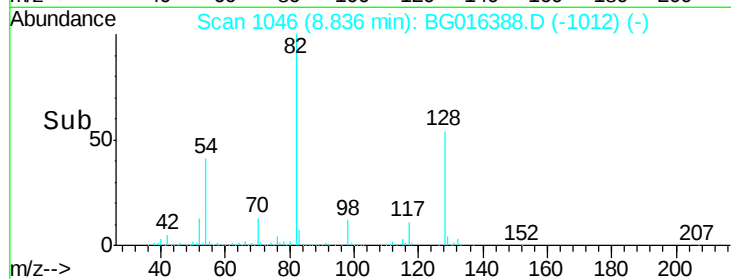
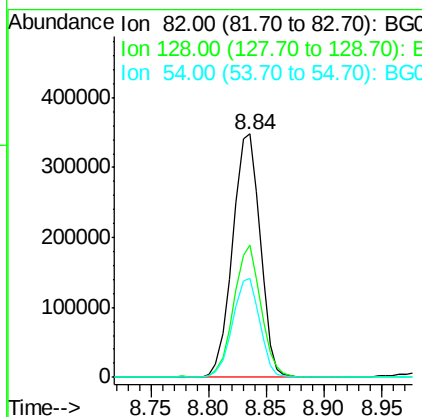
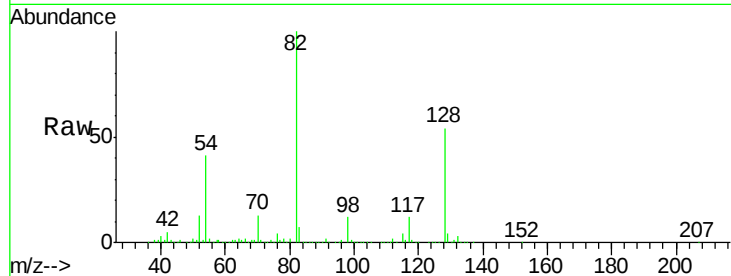




#23
 Nitrobenzene-d5
 Concen: 75.84 ng
 RT: 8.84 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG016388.D
 Acq: 14 Apr 2015 8:55

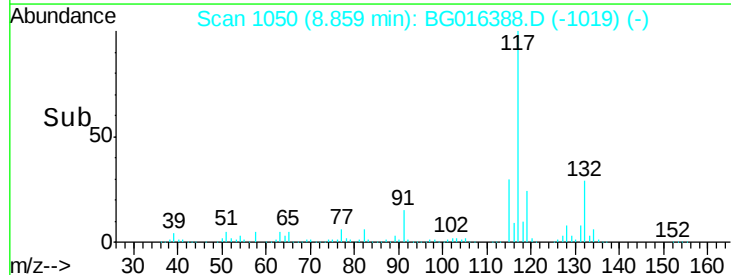
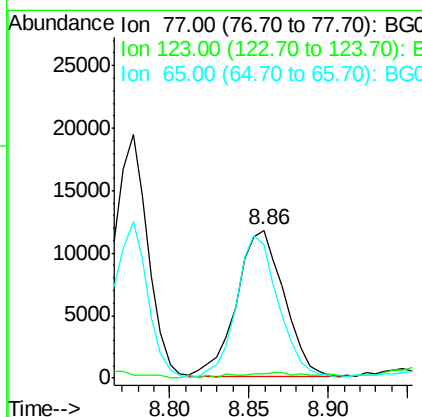
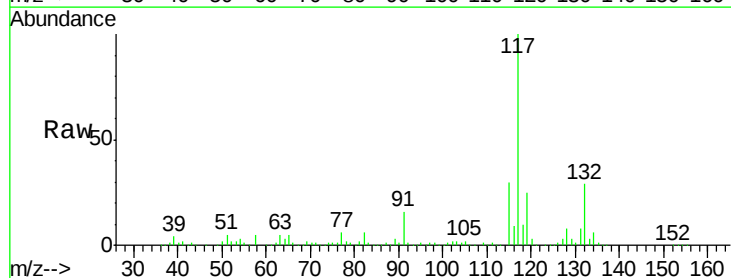
Instrument :
 BNA_G
 ClientSampleId :
 MW-01

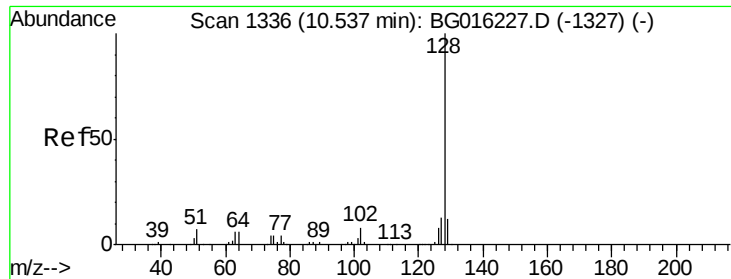
Tgt Ion: 82 Resp: 573892
 Ion Ratio Lower Upper
 82 100
 128 54.2 37.8 56.8
 54 40.8 32.6 49.0



#24
 Nitrobenzene
 Concen: 2.99 ng
 RT: 8.86 min Scan# 1050
 Delta R.T. -0.02 min
 Lab File: BG016388.D
 Acq: 14 Apr 2015 8:55

Tgt Ion: 77 Resp: 24220
 Ion Ratio Lower Upper
 77 100
 123 2.8 38.8 58.2#
 65 89.9 9.4 14.2#

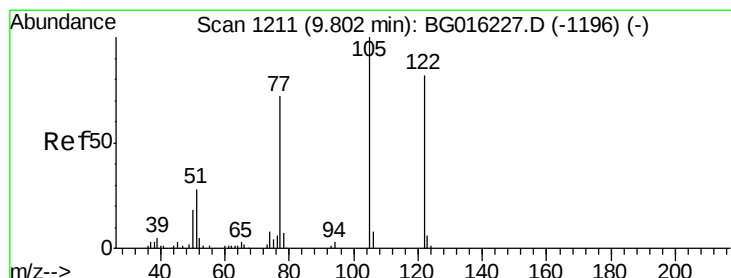
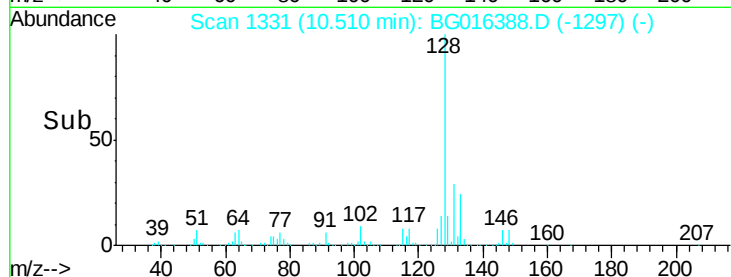
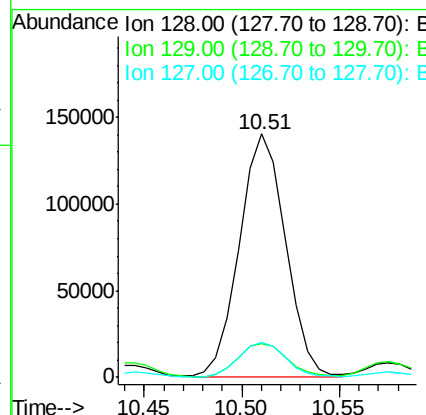
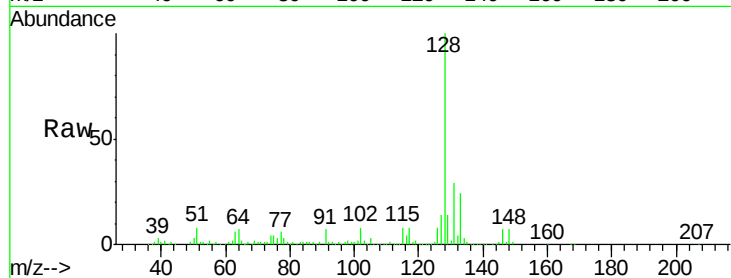




#31
Naphthalene
Concen: 10.01 ng
RT: 10.51 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG016388.D
Acq: 14 Apr 2015 8:55

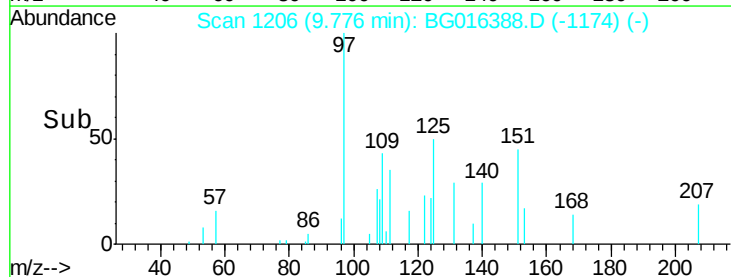
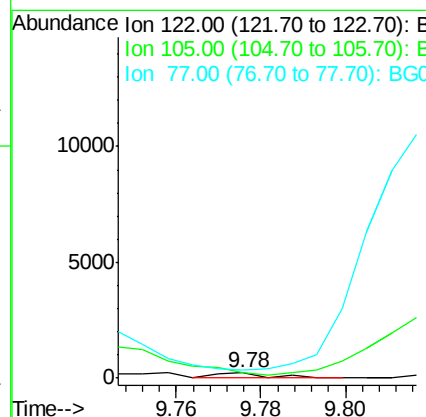
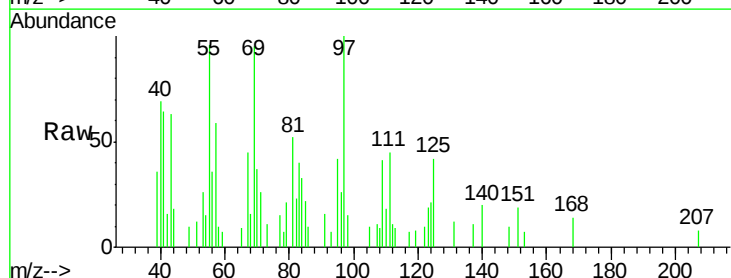
Instrument :
BNA_G
ClientSampleId :
MW-01

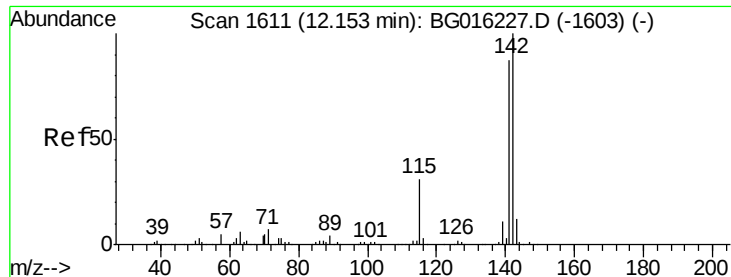
Tgt Ion:128 Resp: 228565
Ion Ratio Lower Upper
128 100
129 13.9 9.2 13.8#
127 14.2 10.6 16.0



#32
Benzoic acid
Concen: 8.77 ng
RT: 9.78 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG016388.D
Acq: 14 Apr 2015 8:55

Tgt Ion:122 Resp: 192
Ion Ratio Lower Upper
122 100
105 101.4 99.7 139.7
77 152.3 66.8 106.8#

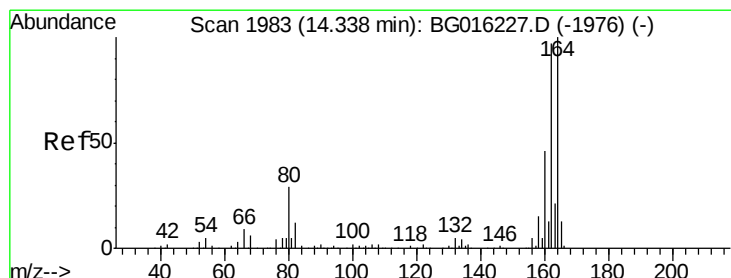
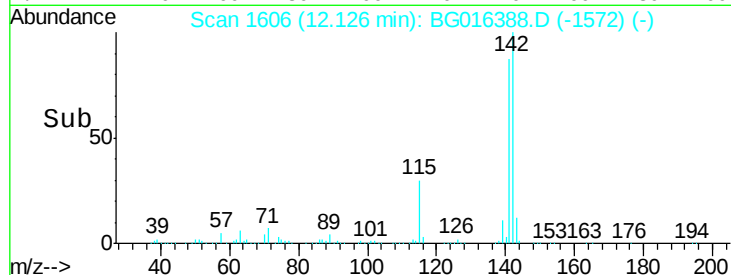
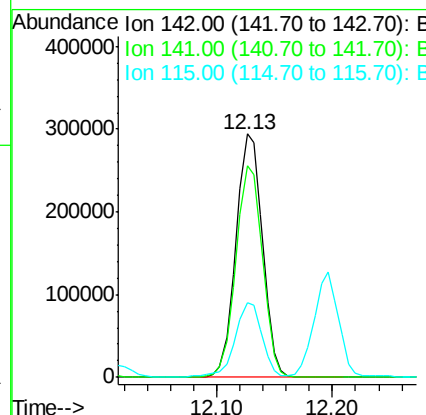
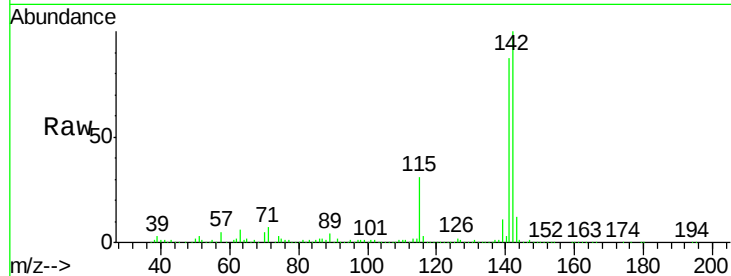




#37
2-Methylnaphthalene
Concen: 28.36 ng
RT: 12.13 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BG016388.D
Acq: 14 Apr 2015 8:55

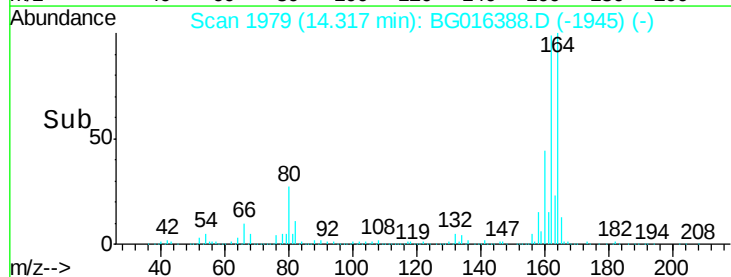
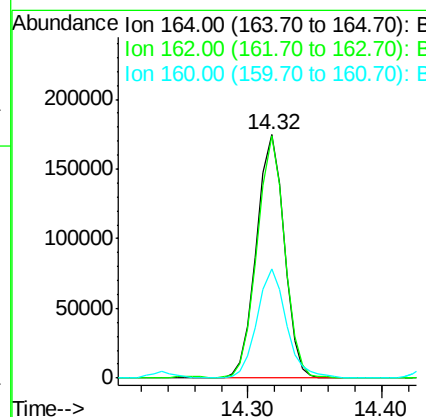
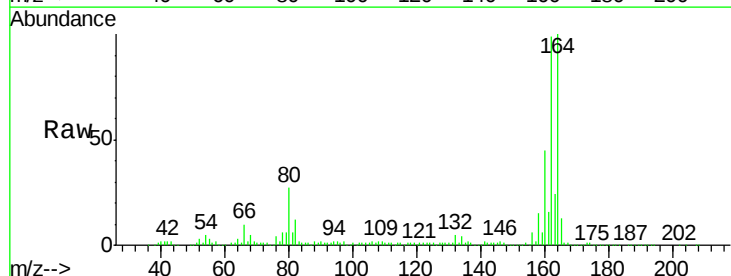
Instrument :
BNA_G
ClientSampleId :
MW-01

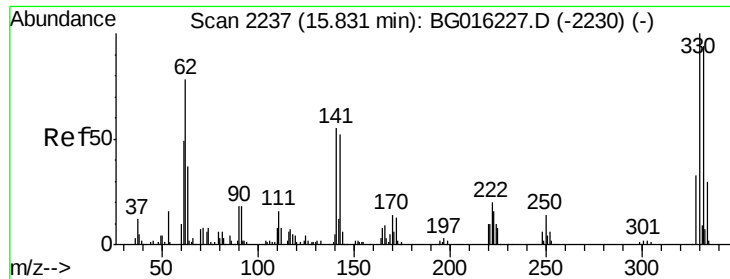
Tgt Ion:142 Resp: 466033
Ion Ratio Lower Upper
142 100
141 87.2 69.3 103.9
115 30.8 25.0 37.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.32 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG016388.D
Acq: 14 Apr 2015 8:55

Tgt Ion:164 Resp: 248681
Ion Ratio Lower Upper
164 100
162 99.5 77.3 115.9
160 44.8 36.7 55.1

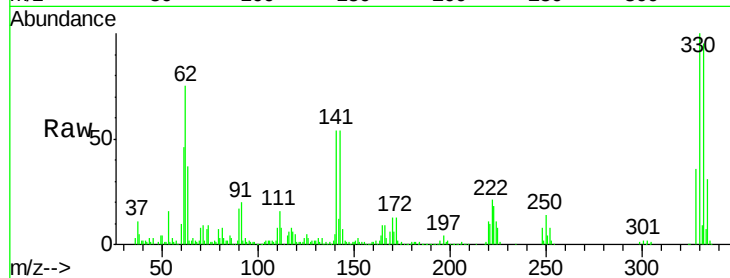




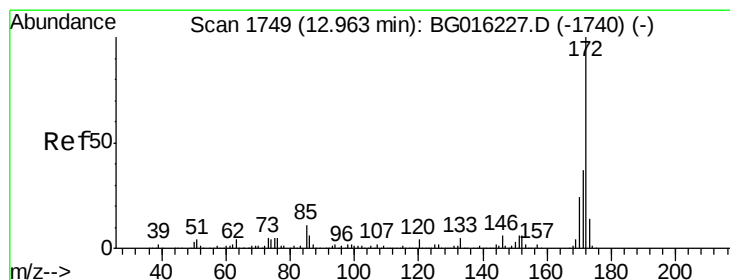
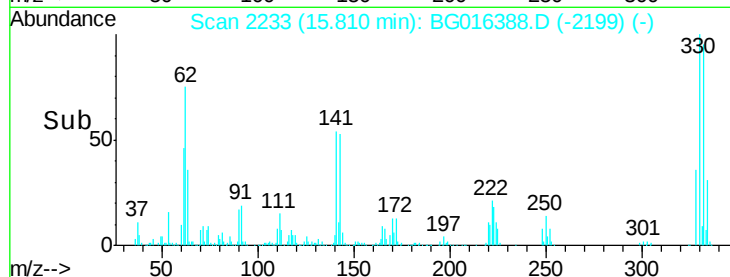
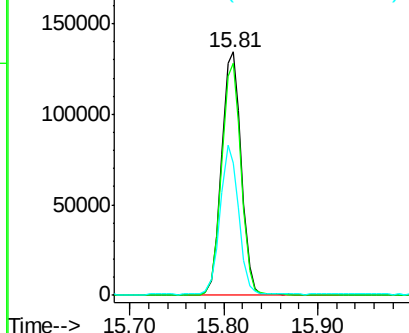
#41
 2,4,6-Tribromophenol
 Concen: 117.81 ng
 RT: 15.81 min Scan# 2233
 Delta R.T. -0.00 min
 Lab File: BG016388.D
 Acq: 14 Apr 2015 8:55

Instrument :
 BNA_G
 ClientSampleId :
 MW-01

Tgt Ion:330 Resp: 198126
 Ion Ratio Lower Upper
 330 100
 332 94.9 75.8 113.6
 141 57.5 46.6 69.8

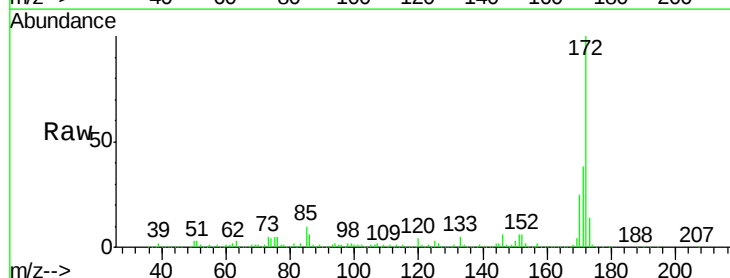


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

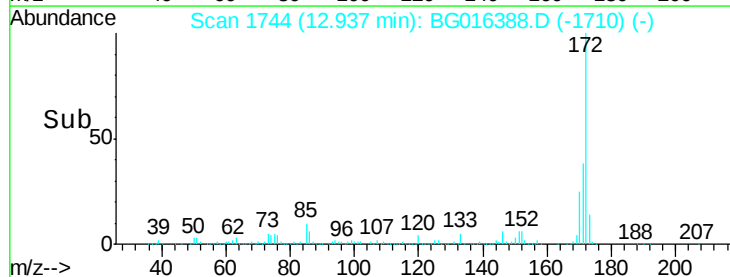
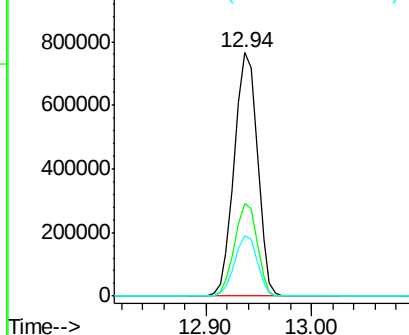


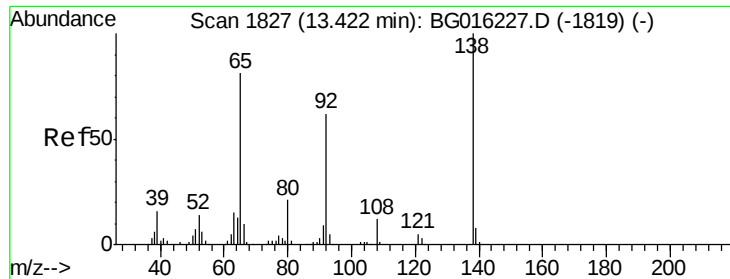
#44
 2-Fluorobiphenyl
 Concen: 79.32 ng
 RT: 12.94 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG016388.D
 Acq: 14 Apr 2015 8:55

Tgt Ion:172 Resp: 1158502
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.6 44.4
 170 24.9 19.4 29.2



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

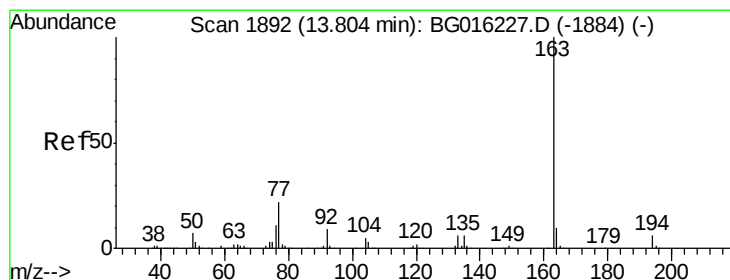
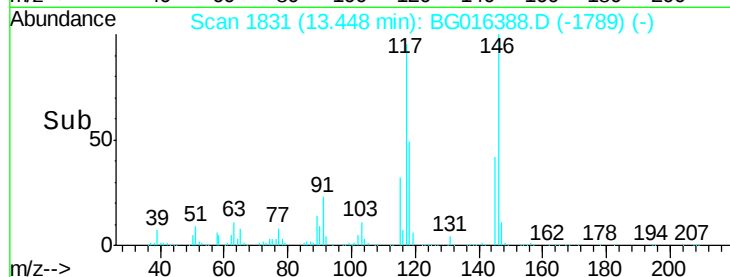
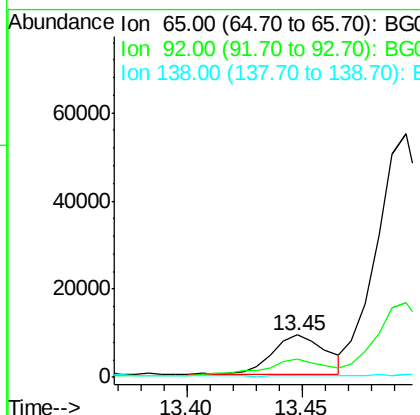
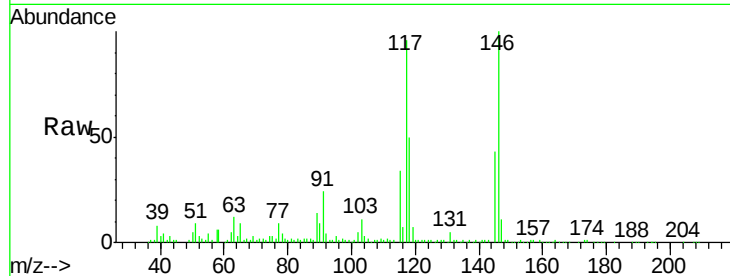




#47
2-Nitroaniline
Concen: 3.20 ng
RT: 13.45 min Scan# 1831
Delta R.T. 0.05 min
Lab File: BG016388.D
Acq: 14 Apr 2015 8:55

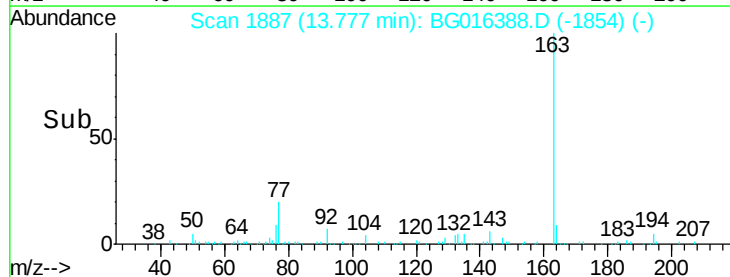
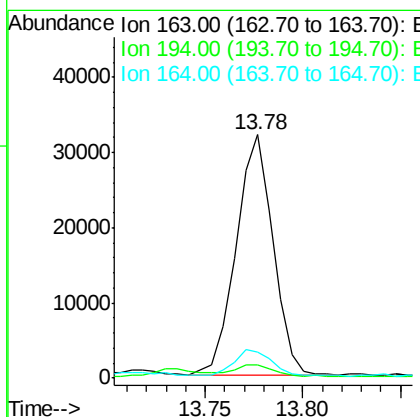
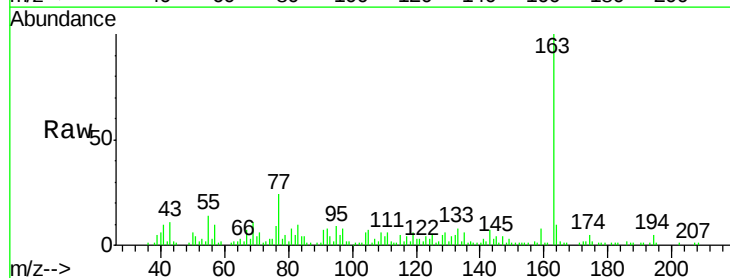
Instrument :
BNA_G
ClientSampleId :
MW-01

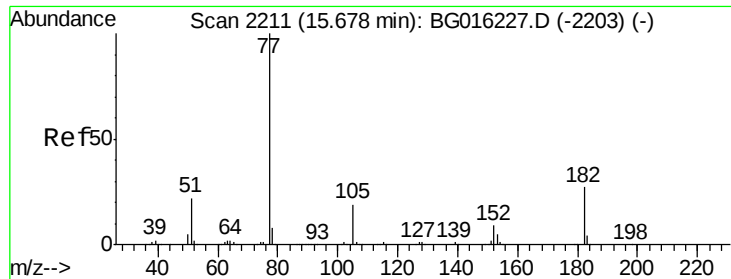
Tgt Ion: 65 Resp: 14985
Ion Ratio Lower Upper
65 100
92 43.0 61.0 91.6#
138 3.8 98.7 148.1#



#49
Dimethylphthalate
Concen: 2.30 ng
RT: 13.78 min Scan# 1887
Delta R.T. -0.01 min
Lab File: BG016388.D
Acq: 14 Apr 2015 8:55

Tgt Ion: 163 Resp: 41874
Ion Ratio Lower Upper
163 100
194 5.3 5.0 7.4
164 10.5 8.2 12.4





#62

Azobenzene

Concen: 2.08 ng

RT: 15.67 min Scan# 2210

Delta R.T. 0.02 min

Lab File: BG016388.D

Acq: 14 Apr 2015 8:55

Instrument :

BNA_G

ClientSampled :

MW-01

Tgt Ion: 77 Resp: 42866

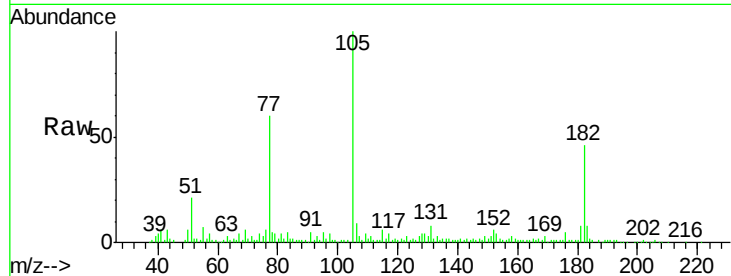
Ion Ratio Lower Upper

77 100

182 75.9 6.6 46.6#

105 165.4 0.0 39.2#

51 34.8 2.0 42.0

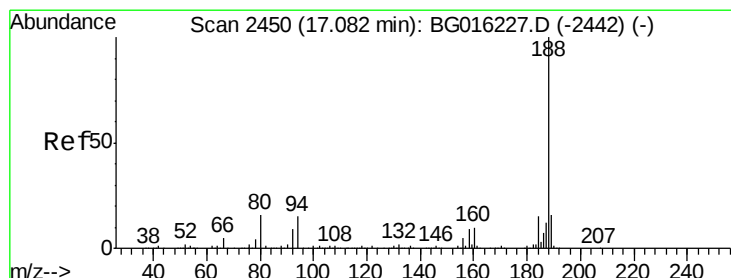
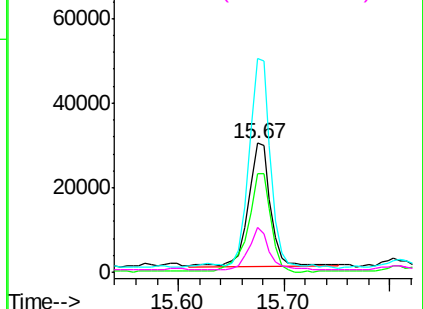
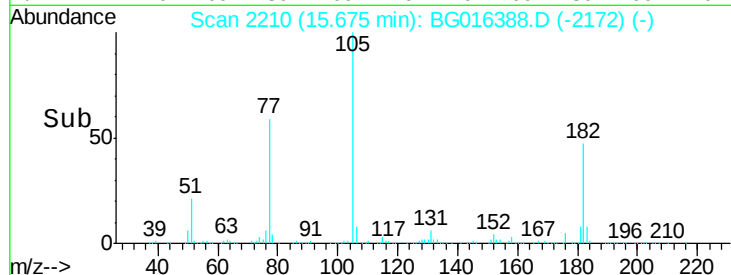


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.06 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG016388.D

Acq: 14 Apr 2015 8:55

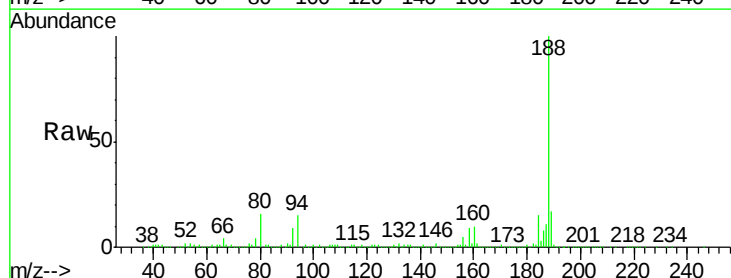
Tgt Ion: 188 Resp: 489072

Ion Ratio Lower Upper

188 100

94 14.8 12.2 18.4

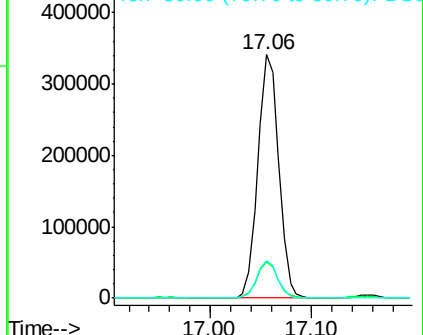
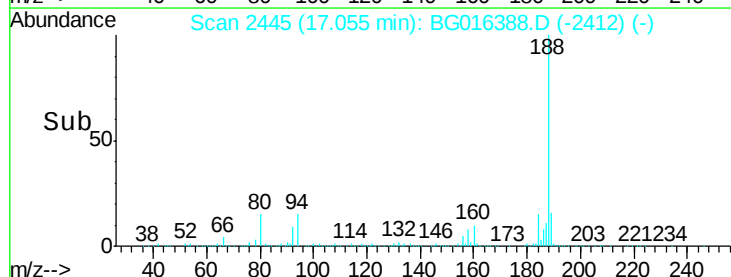
80 15.7 12.8 19.2

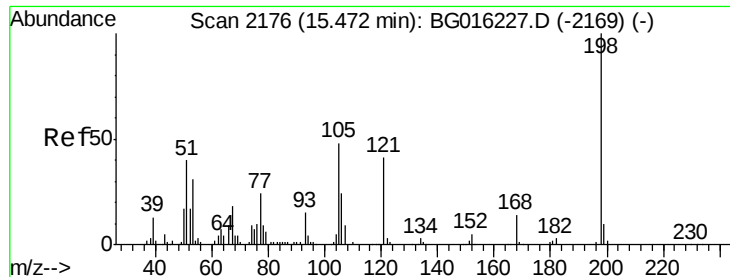


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 3.91 ng

RT: 15.45 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG016388.D

Acq: 14 Apr 2015 8:55

Instrument :

BNA_G

ClientSampled :

MW-01

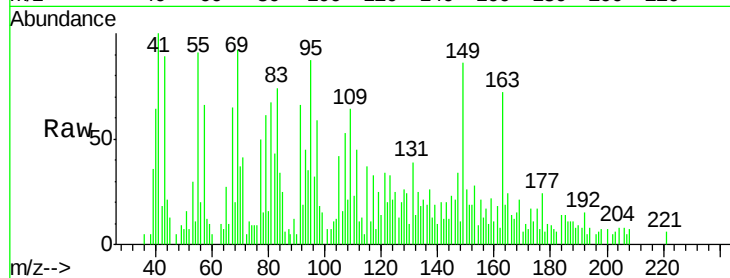
Tgt Ion:198 Resp: 81

Ion Ratio Lower Upper

198 100

51 231.2 20.7 60.7#

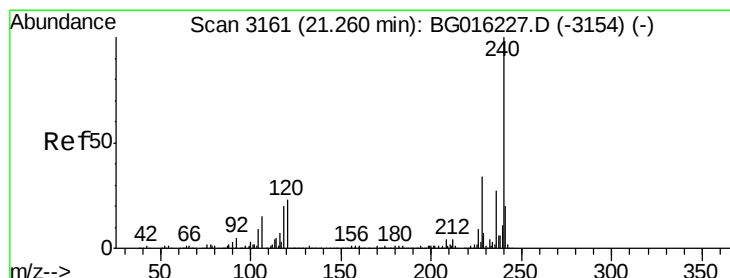
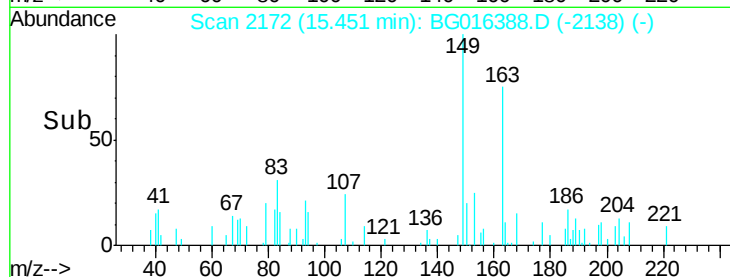
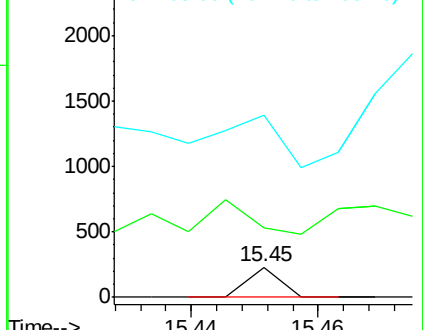
105 604.3 28.8 68.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.23 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG016388.D

Acq: 14 Apr 2015 8:55

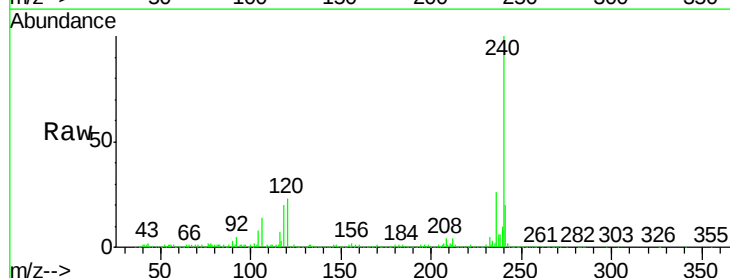
Tgt Ion:240 Resp: 437768

Ion Ratio Lower Upper

240 100

120 22.7 18.6 28.0

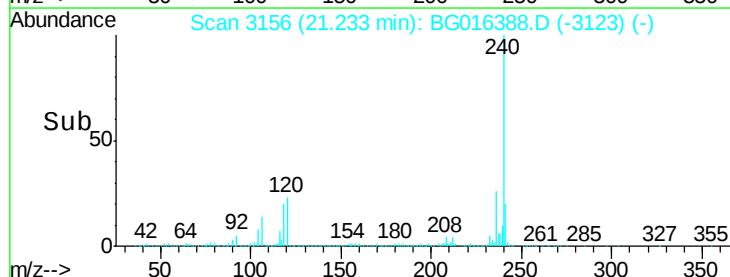
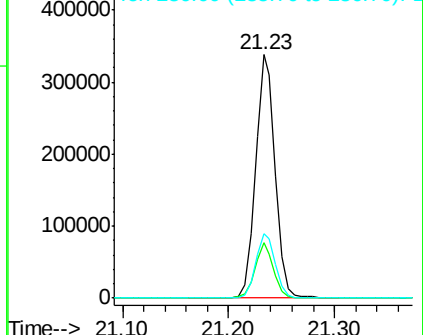
236 26.4 21.7 32.5

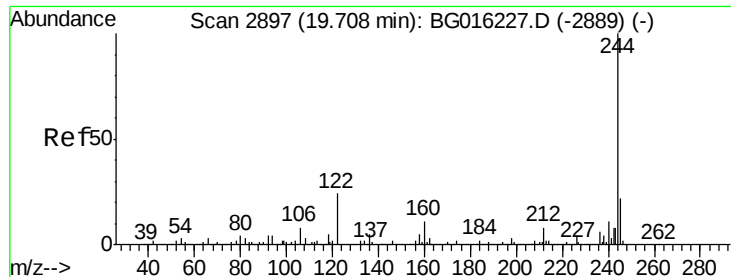


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

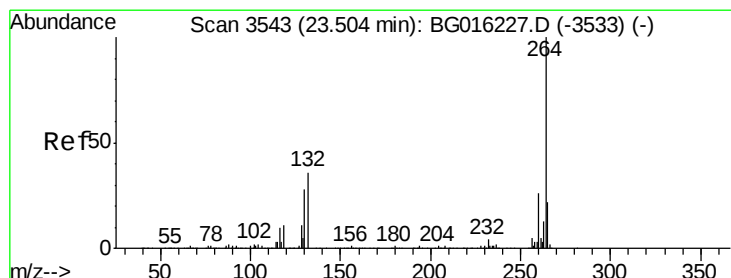
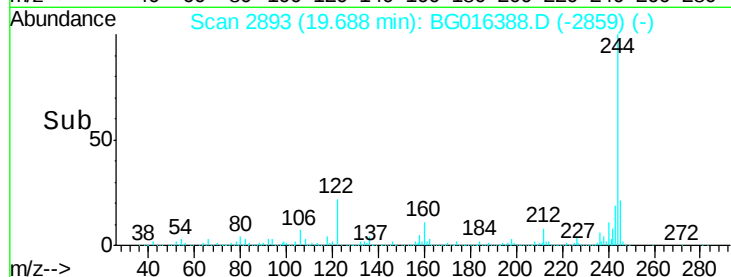
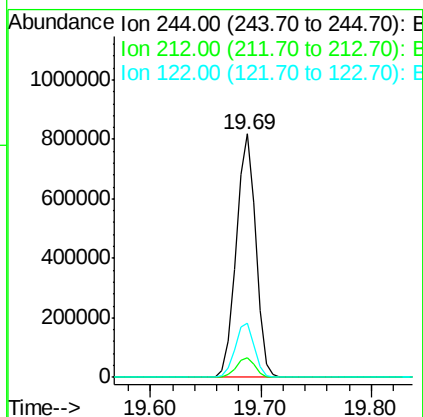
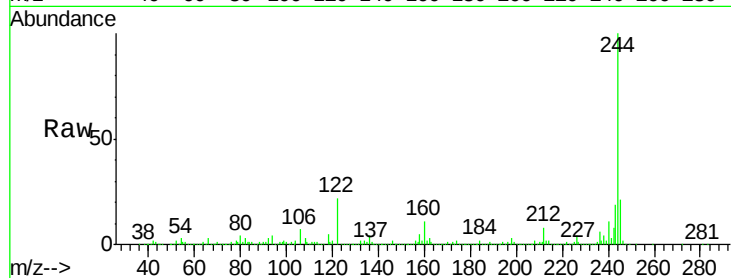




#78
 Terphenyl-d14
 Concen: 54.37 ng
 RT: 19.69 min Scan# 2893
 Delta R.T. -0.00 min
 Lab File: BG016388.D
 Acq: 14 Apr 2015 8:55

Instrument :
 BNA_G
 ClientSampleId :
 MW-01

Tgt Ion:244 Resp: 1016937
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 22.1 19.1 28.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.47 min Scan# 3536
 Delta R.T. -0.00 min
 Lab File: BG016388.D
 Acq: 14 Apr 2015 8:55

Tgt Ion:264 Resp: 388737
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.4 30.6
 265 22.5 17.2 25.8

