

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120916\
 Data File : BG025034.D
 Acq On : 9 Dec 2016 11:29
 Operator : UM/SJ
 Sample : H5863-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7Y1

Quant Time: Dec 11 23:57:49 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 11 23:54:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	153088	20.00	ng/ul	0.01
18) Naphthalene-d8	11.08	136	586110	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.88	164	459221	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.63	188	890743	20.00	ng/ul	0.03
75) Chrysene-d12	21.92	240	1166674	20.00	ng/ul	0.02
83) Perylene-d12	25.38	264	1106381	20.00	ng/ul	0.07

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	16420	5.54	ng/uL	0.00
5) Phenol-d5	7.39	99	176675	13.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	140006	17.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	130167	14.09	ng/ul	0.01
13) 4-Methylphenol-d8	8.95	113	153766	13.93	ng/ul	0.02
19) Nitrobenzene-d5	9.43	128	94100	22.67	ng/ul	0.01
22) 2-Nitrophenol-d4	10.15	143	82512	15.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	158298	15.91	ng/ul	0.02
29) 4-Chloroaniline-d4	11.22	131	163842	16.75	ng/ul	0.02
43) Dimethylphthalate-d6	14.28	166	522017	16.53	ng/ul	0.02
46) Acenaphthylene-d8	14.58	160	636680	18.40	ng/ul	0.02
51) 4-Nitrophenol-d4	15.02	143	40625	7.48	ng/ul	-0.03
57) Fluorene-d10	15.87	176	592888	19.94	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	16.00	200	118063	21.44	ng/ul	0.04
70) Anthracene-d10	17.73	188	755420	20.09	ng/ul	0.02
76) Pyrene-d10	19.99	212	858479	17.86	ng/ul	0.02
87) Benzo(a)pyrene-d12	25.15	264	882022	19.68	ng/ul	0.07

Target Compounds

						Qvalue
4) Benzaldehyde	7.37	77	142466	14.33	ng/ul#	1
6) Phenol	7.42	94	136498	10.07	ng/ul	96
11) 2-Methylphenol	8.69	108	223406	22.38	ng/ul	94
14) Acetophenone	9.09	105	312313	18.59	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.07	70	30556	3.15	ng/ul#	76
16) 4-Methylphenol	9.02	108	160095	14.42	ng/ul	80
17) Hexachloroethane	9.35	117	180040	43.77	ng/ul#	1
20) Nitrobenzene	9.44	77	54756	4.29	ng/ul#	36
24) 2,4-Dimethylphenol	10.26	107	454114	37.83	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.48	93	23582	1.92	ng/ul#	1
28) Naphthalene	11.13	128	1693900	62.17	ng/ul#	94
32) Caprolactam	11.98	113	5482	1.37	ng/ul#	1
33) 4-Chloro-3-methylphenol	12.41	107	50243	4.22	ng/ul#	38
34) 2-Methylnaphthalene	12.73	142	2285399	106.29	ng/ul	92
40) 1,1'-Biphenyl	13.71	154	314527	11.30	ng/ul	99
41) 2-Chloronaphthalene	13.80	162	107786	4.86	ng/ul#	88
42) 2-Nitroaniline	13.98	65	24641	2.84	ng/ul#	54
44) Dimethylphthalate	14.32	163	134544	4.33	ng/ul#	76
45) 2,6-Dinitrotoluene	14.42	165	10933	1.64	ng/ul#	1
47) Acenaphthylene	14.61	152	96826	2.88	ng/ul#	1
48) 3-Nitroaniline	14.78	138	10622	1.84	ng/ul#	1
49) Acenaphthene	14.95	153	345202	14.98	ng/ul#	88
52) 4-Nitrophenol	15.06	109	27035	4.14	ng/ul#	75

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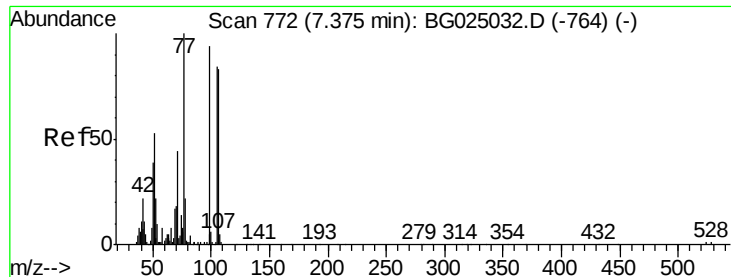
Instrument :
 BNA_G
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Quant Time: Dec 11 23:57:49 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

53) Dibenzofuran	15.28	168	744866	20.44	ng/ul	91
54) 2,4-Dinitrotoluene	15.22	165	11847	1.18	ng/ul#	3
56) Diethylphthalate	15.65	149	77079	2.34	ng/ul#	46
58) Fluorene	15.93	166	747557	25.19	ng/ul#	92
60) 4-Nitroaniline	15.92	138	33199	4.77	ng/ul#	1
63) 4,6-Dinitro-2-methylphenol	15.97	198	6735	1.18	ng/ul#	1
64) N-Nitrosodiphenylamine	16.13	169	468544	20.45	ng/ul#	46
67) Atrazine	17.05	200	59442	5.46	ng/ul#	1
69) Phenanthrene	17.67	178	599445	14.10	ng/ul#	83
74) Fluoranthene	19.66	202	408668	8.09	ng/ul	98
77) Pyrene	20.02	202	604373	10.78	ng/ul	97
80) Benzo(a)anthracene	21.90	228	122356	2.02	ng/ul#	42
81) Bis(2-ethylhexyl)phthalate	21.75	149	53429	1.77	ng/ul#	54
82) Chrysene	21.97	228	159140	2.81	ng/ul#	67
85) Benzo(b)fluoranthene	24.28	252	109291	1.99	ng/ul#	1
88) Benzo(a)pyrene	25.22	252	76533	1.45	ng/ul#	1

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



#4

Benzaldehyde

Concen: 14.33 ng/ul

RT: 7.37 min Scan# 772

Delta R.T. -0.00 min

Lab File: BG025034.D

Acq: 9 Dec 2016 11:29

Instrument :

BNA_G

ClientSampleId :

DA7Y1

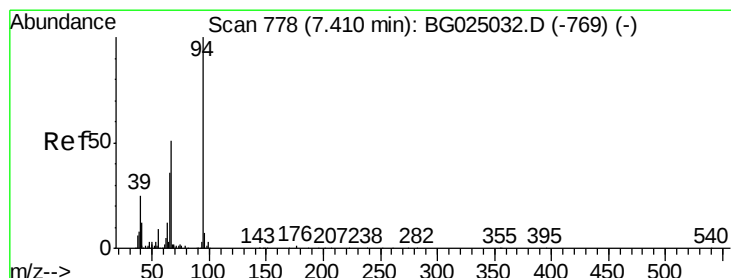
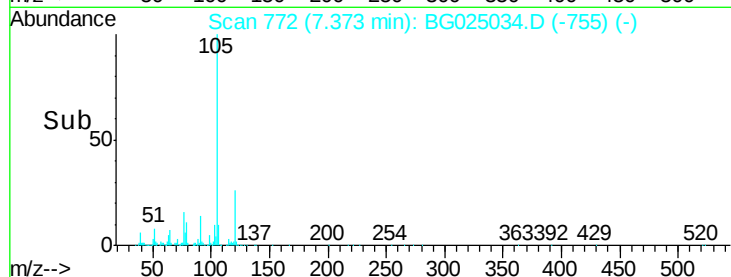
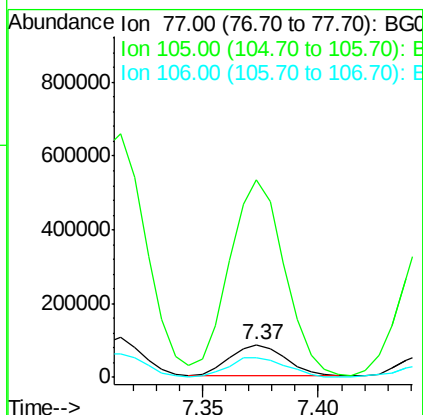
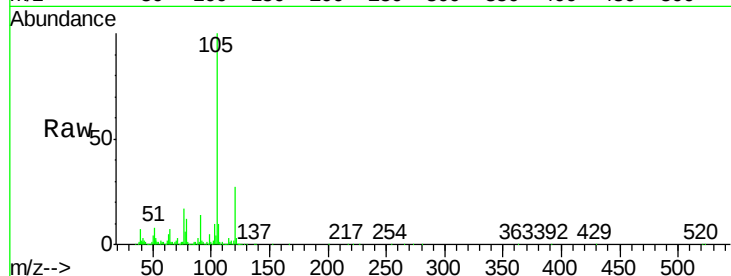
Tgt Ion: 77 Resp: 142466

Ion Ratio Lower Upper

77 100

105 603.8 62.0 93.0#

106 61.3 60.2 90.4



#6

Phenol

Concen: 10.07 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. 0.01 min

Lab File: BG025034.D

Acq: 9 Dec 2016 11:29

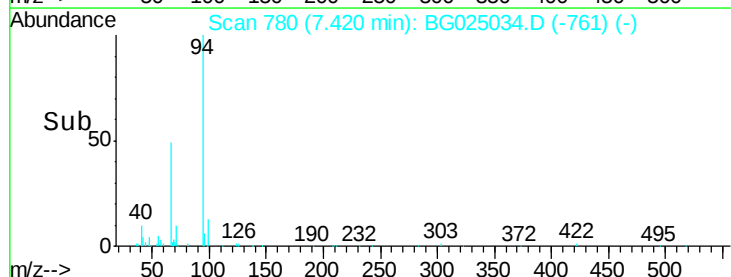
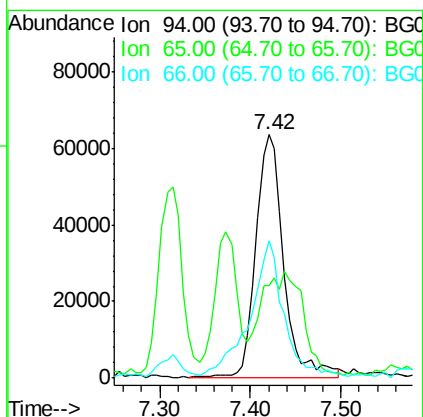
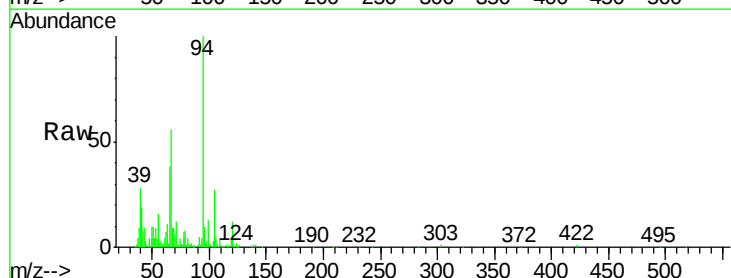
Tgt Ion: 94 Resp: 136498

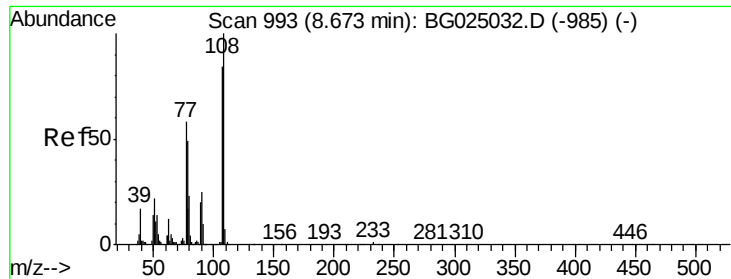
Ion Ratio Lower Upper

94 100

65 38.3 26.8 40.2

66 56.5 44.4 66.6

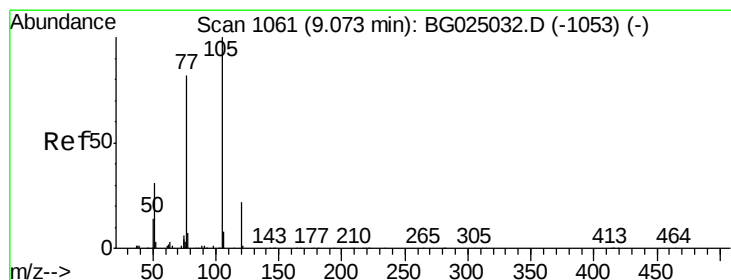
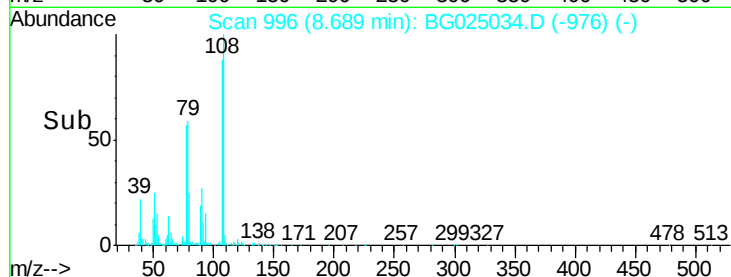
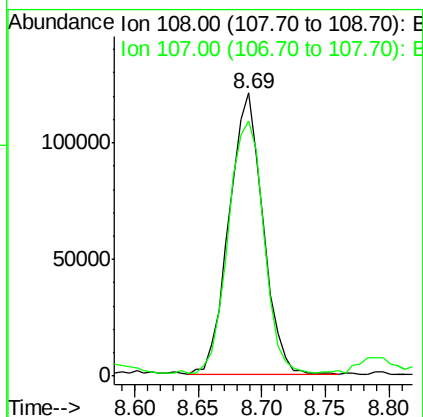
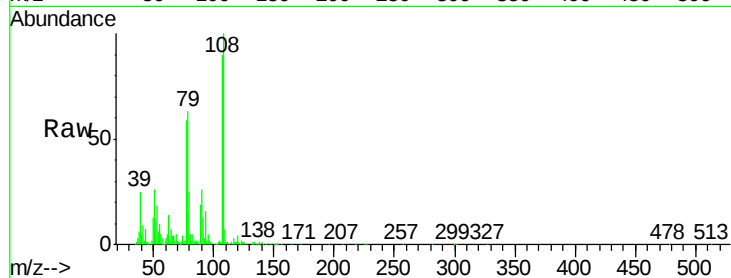




#11
 2-Methylphenol
 Concen: 22.38 ng/ul
 RT: 8.69 min Scan# 996
 Delta R.T. 0.02 min
 Lab File: BG025034.D
 Acq: 9 Dec 2016 11:29

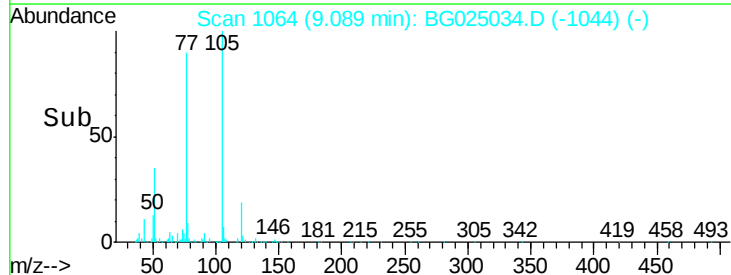
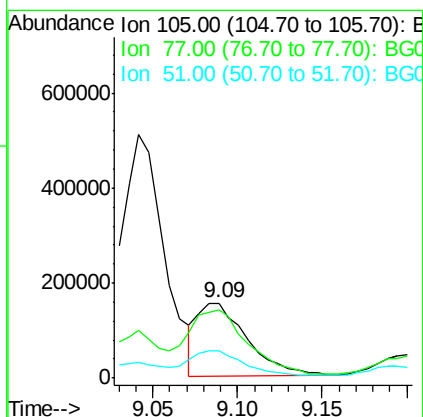
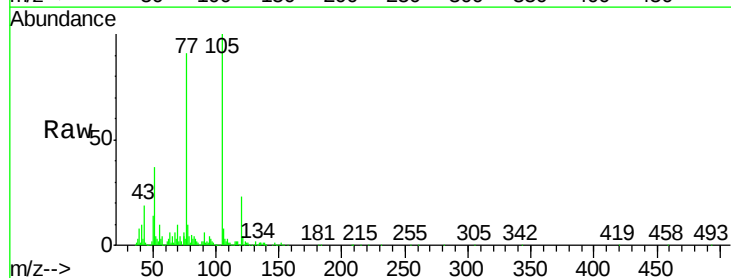
Instrument :
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 DA7Y1

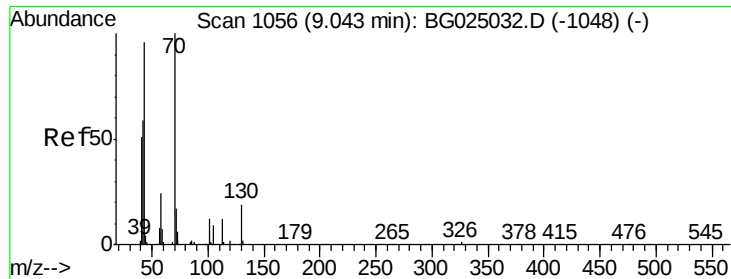
Tgt Ion:108 Resp: 223406
 Ion Ratio Lower Upper
 108 100
 107 90.2 76.7 115.1



#14
 Acetophenone
 Concen: 18.59 ng/ul
 RT: 9.09 min Scan# 1064
 Delta R.T. 0.02 min
 Lab File: BG025034.D
 Acq: 9 Dec 2016 11:29

Tgt Ion:105 Resp: 312313
 Ion Ratio Lower Upper
 105 100
 77 90.9 76.0 114.0
 51 36.6 34.8 52.2





#15

N-Nitroso-di-n-propylamine

Concen: 3.15 ng/ul

RT: 9.07 min Scan# 1060

Delta R.T. 0.02 min

Lab File: BG025034.D

Acq: 9 Dec 2016 11:29

Instrument :

BNA_G

ClientSampleId :

DA7Y1

Tgt Ion: 70 Resp: 30556

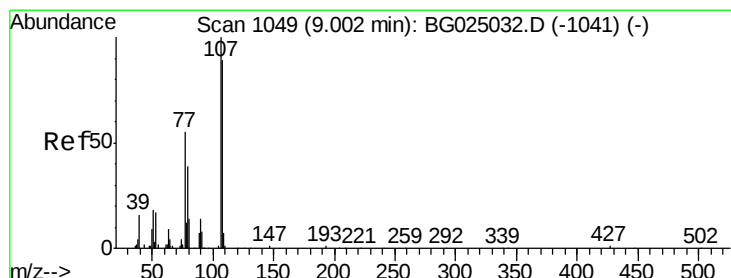
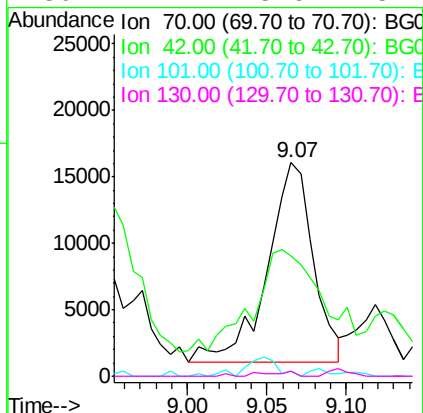
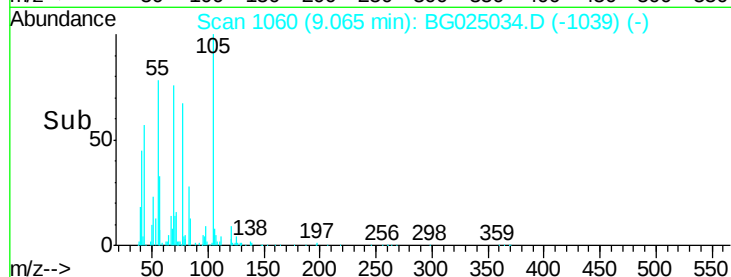
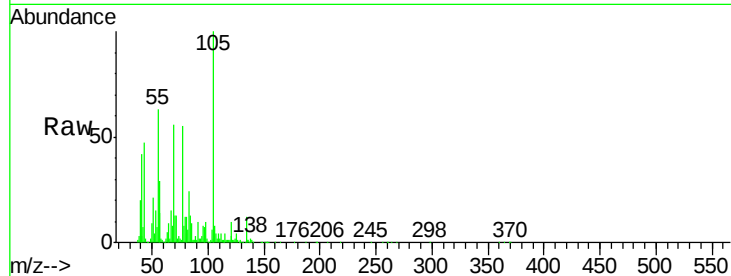
Ion Ratio Lower Upper

70 100

42 56.2 59.0 88.6#

101 2.2 6.6 9.8#

130 2.7 15.6 23.4#



#16

4-Methylphenol

Concen: 14.42 ng/ul

RT: 9.02 min Scan# 1053

Delta R.T. 0.02 min

Lab File: BG025034.D

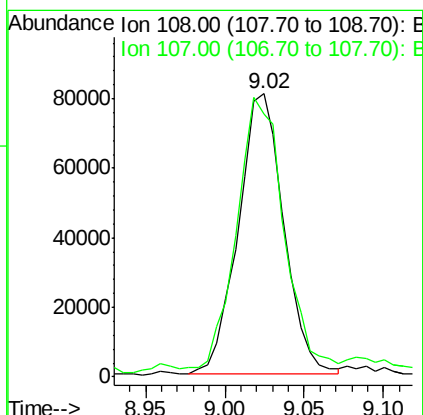
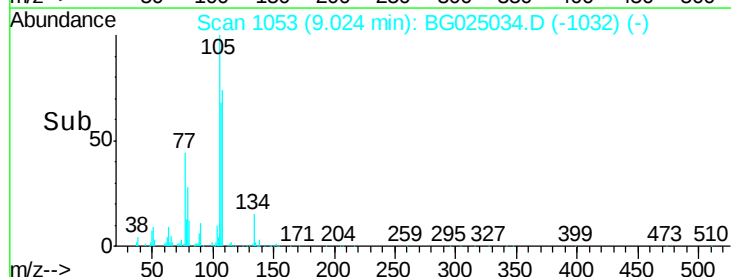
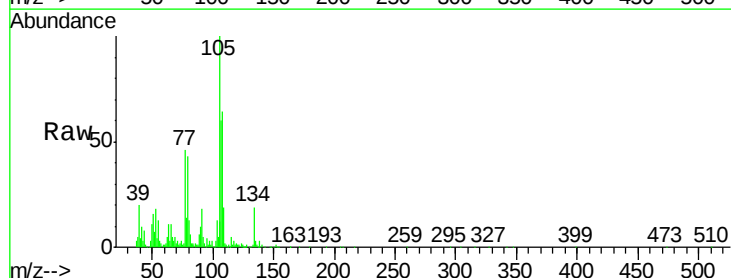
Acq: 9 Dec 2016 11:29

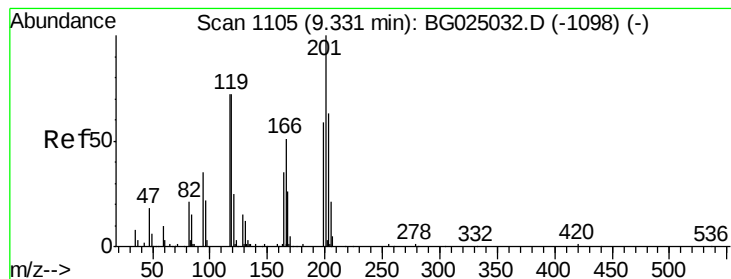
Tgt Ion: 108 Resp: 160095

Ion Ratio Lower Upper

108 100

107 92.8 91.7 137.5





#17

Hexachloroethane

Concen: 43.77 ng/ul

RT: 9.35 min Scan# 1109

Delta R.T. 0.02 min

Lab File: BG025034.D

Acq: 9 Dec 2016 11:29

Instrument :

BNA_G

ClientSampleId :

DA7Y1

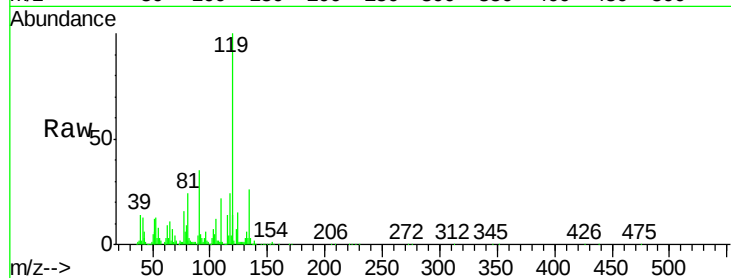
Tgt Ion:117 Resp: 180040

Ion Ratio Lower Upper

117 100

201 0.0 91.9 137.9#

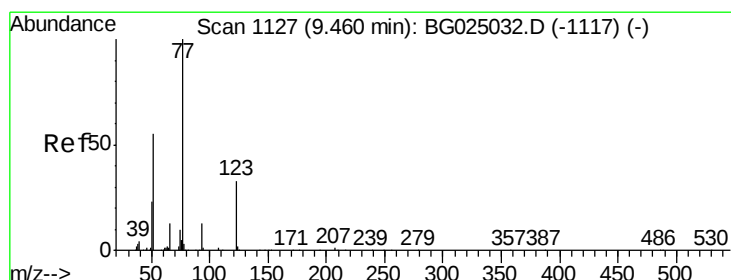
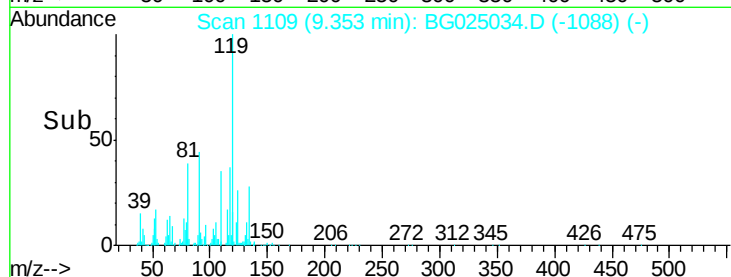
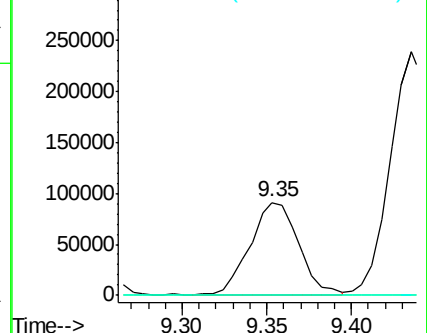
199 0.0 64.3 96.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 4.29 ng/ul

RT: 9.44 min Scan# 1124

Delta R.T. -0.02 min

Lab File: BG025034.D

Acq: 9 Dec 2016 11:29

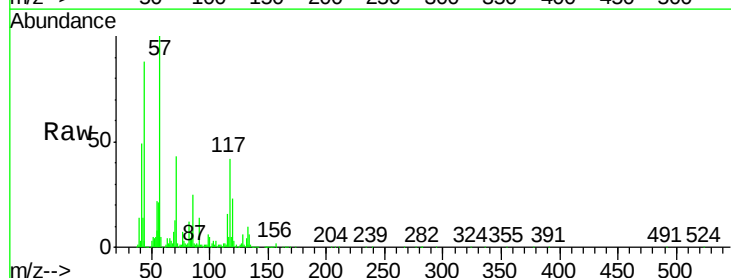
Tgt Ion: 77 Resp: 54756

Ion Ratio Lower Upper

77 100

123 10.1 27.4 41.0#

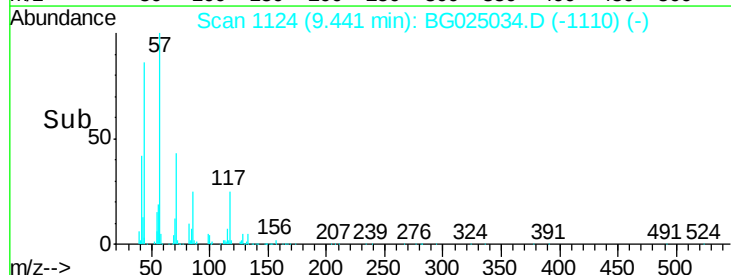
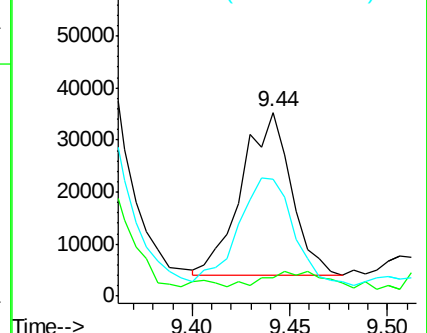
65 63.6 13.3 19.9#

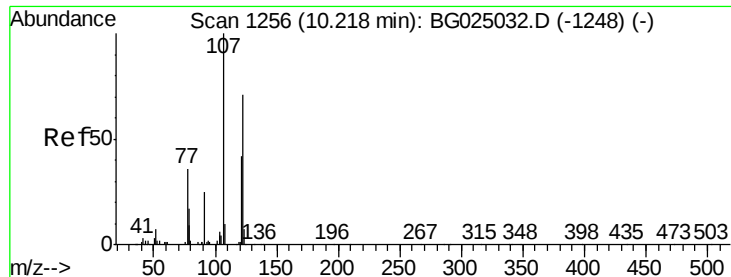


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC

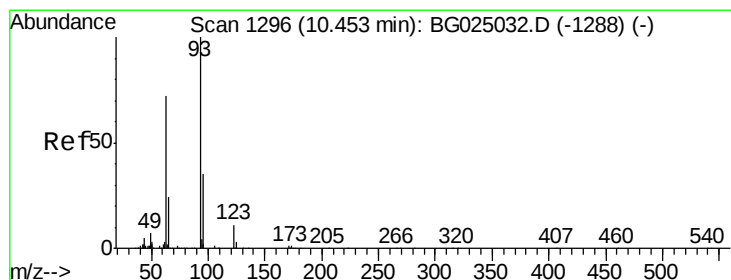
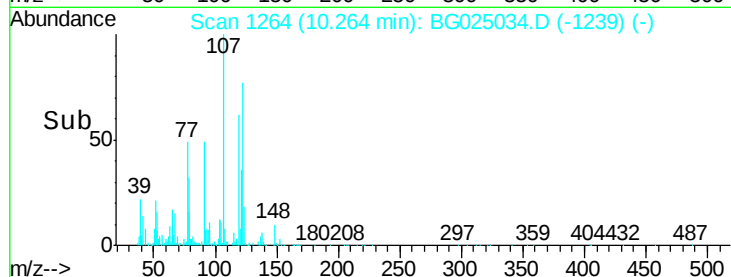
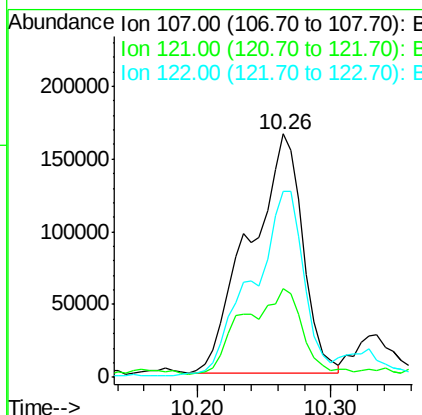
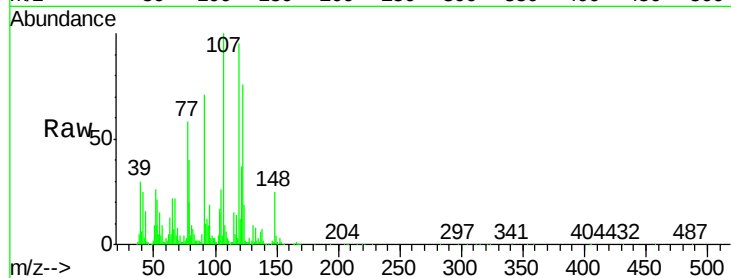




#24
 2,4-Dimethylphenol
 Concen: 37.83 ng/ul
 RT: 10.26 min Scan# 1264
 Delta R.T. 0.05 min
 Lab File: BG025034.D
 Acq: 9 Dec 2016 11:29

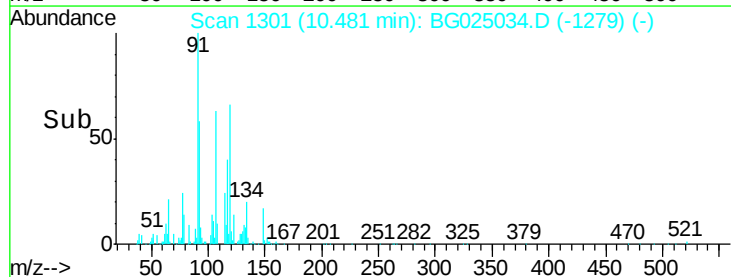
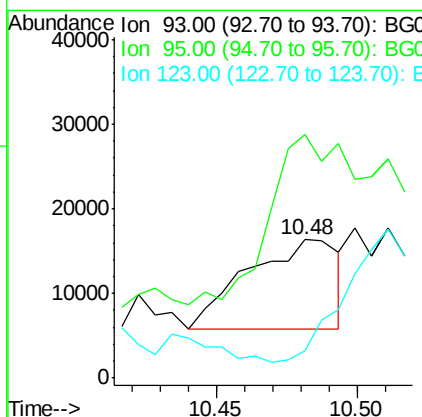
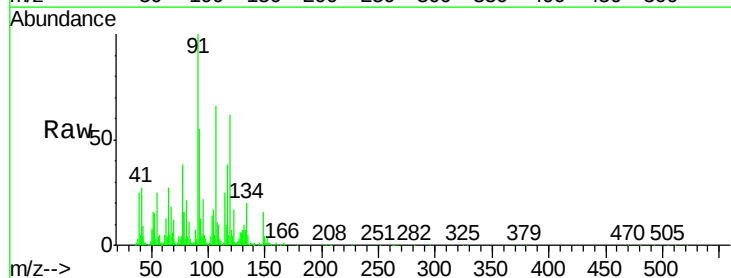
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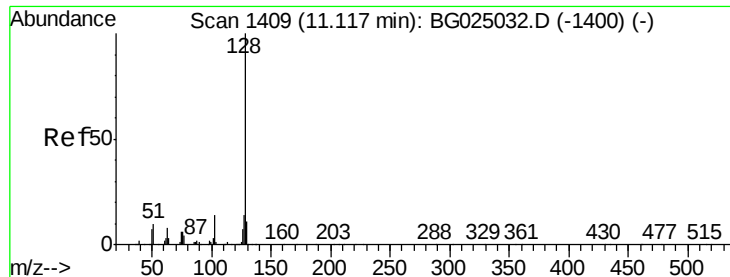
Tgt Ion: 107 Resp: 454114
 Ion Ratio Lower Upper
 107 100
 121 36.6 32.3 48.5
 122 76.2 61.2 91.8



#25
 Bis(2-Chloroethoxy)methane
 Concen: 1.92 ng/ul
 RT: 10.48 min Scan# 1301
 Delta R.T. 0.03 min
 Lab File: BG025034.D
 Acq: 9 Dec 2016 11:29

Tgt Ion: 93 Resp: 23582
 Ion Ratio Lower Upper
 93 100
 95 175.8 23.4 35.0#
 123 19.3 7.8 11.6#





#28

Naphthalene

Concen: 62.17 ng/ul

RT: 11.13 min Scan# 1412

Delta R.T. 0.02 min

Lab File: BG025034.D

Acq: 9 Dec 2016 11:29

Instrument :

BNA_G

ClientSampleId :

DA7Y1

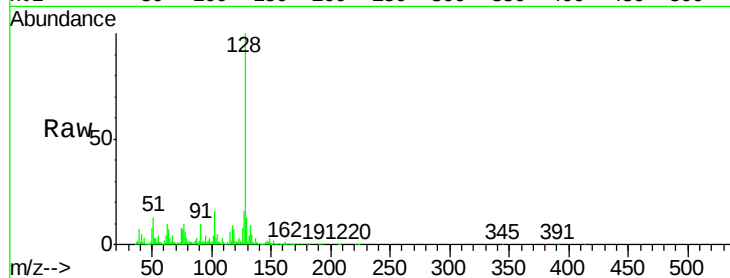
Tgt Ion:128 Resp: 1693900

Ion Ratio Lower Upper

128 100

129 13.0 9.4 14.2

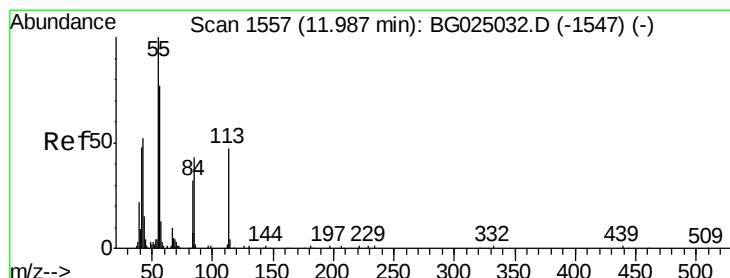
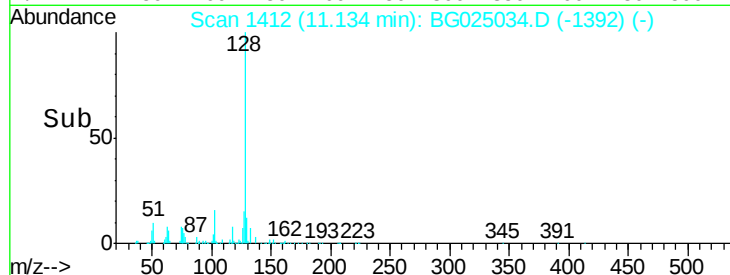
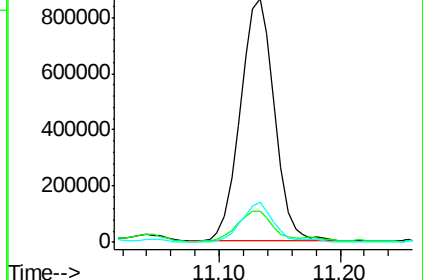
127 16.3 10.3 15.5#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Caprolactam

Concen: 1.37 ng/ul

RT: 11.98 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BG025034.D

Acq: 9 Dec 2016 11:29

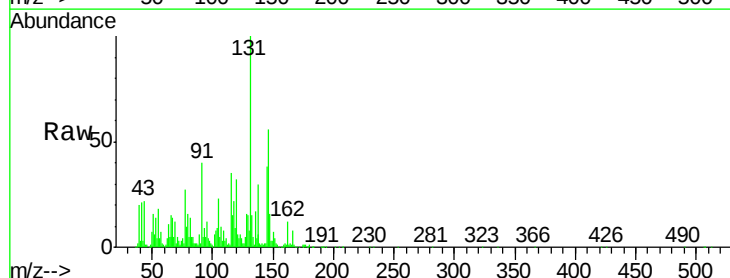
Tgt Ion:113 Resp: 5482

Ion Ratio Lower Upper

113 100

55 790.3 168.6 252.8#

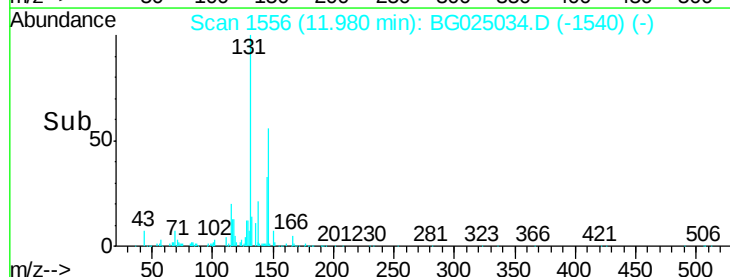
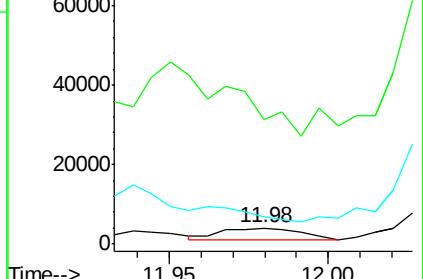
56 173.6 128.5 192.7

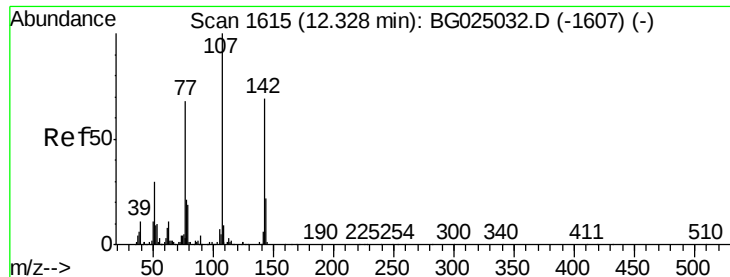


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

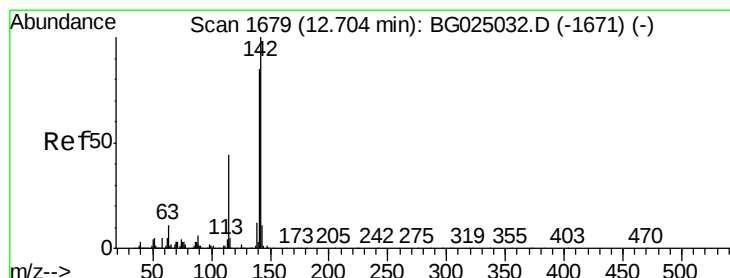
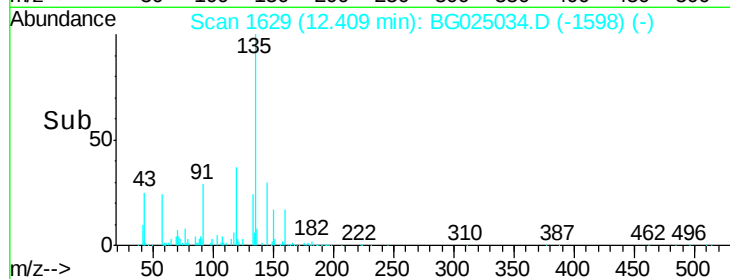
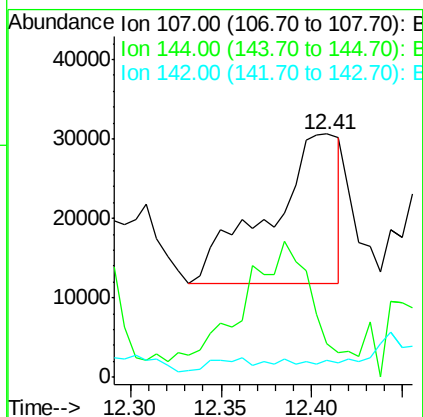
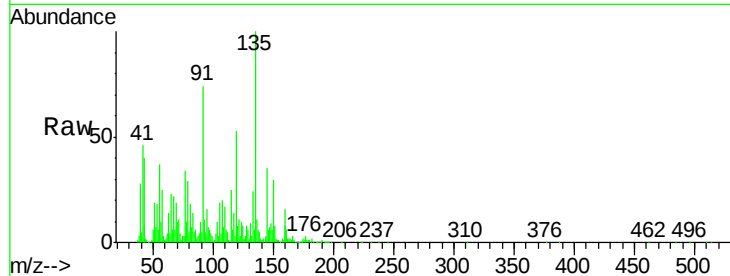




#33
 4-Chloro-3-methylphenol
 Concen: 4.22 ng/ul
 RT: 12.41 min Scan# 1629
 Delta R.T. 0.08 min
 Lab File: BG025034.D
 Acq: 9 Dec 2016 11:29

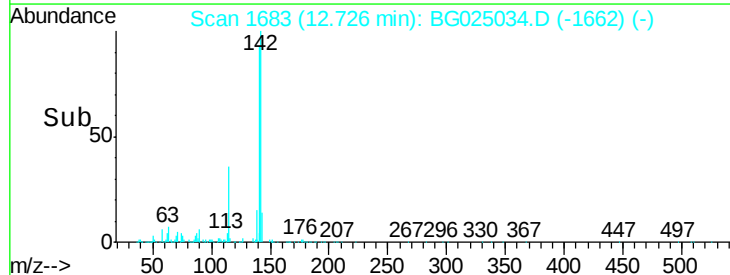
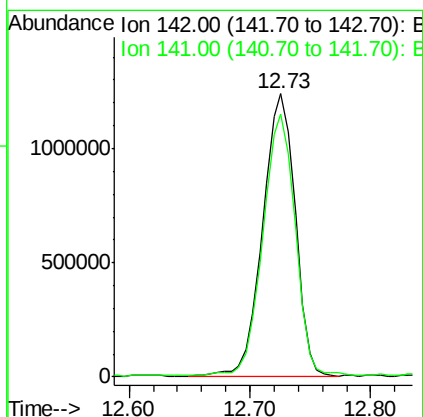
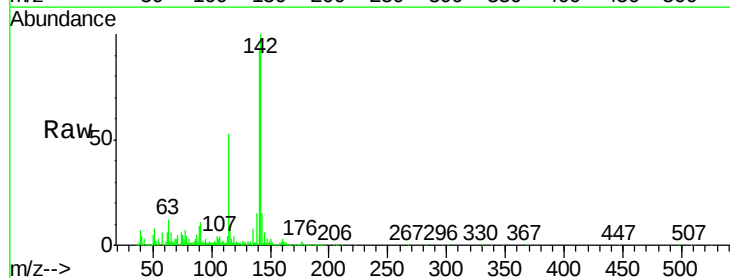
Instrument :
 BNA_G
 ClientSampleId :
 DA7Y1

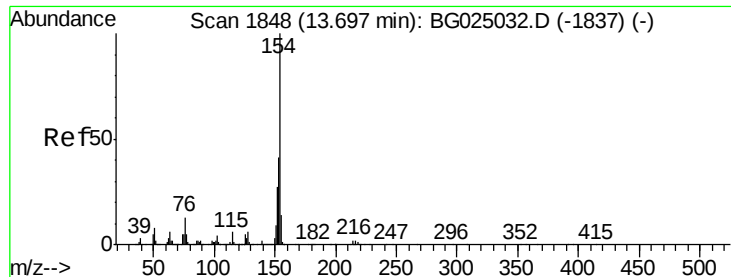
Tgt Ion:107 Resp: 50243
 Ion Ratio Lower Upper
 107 100
 144 13.7 18.2 27.4#
 142 7.0 55.0 82.4#



#34
 2-Methylnaphthalene
 Concen: 106.29 ng/ul
 RT: 12.73 min Scan# 1683
 Delta R.T. 0.02 min
 Lab File: BG025034.D
 Acq: 9 Dec 2016 11:29

Tgt Ion:142 Resp: 2285399
 Ion Ratio Lower Upper
 142 100
 141 92.8 68.6 102.8

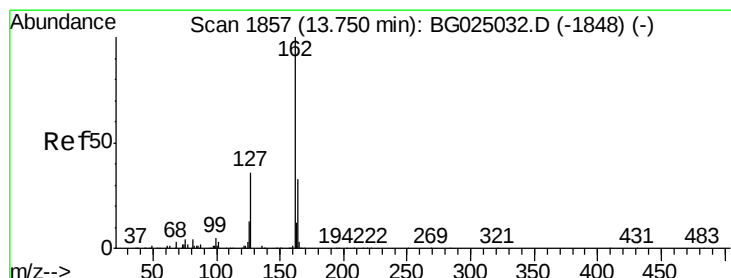
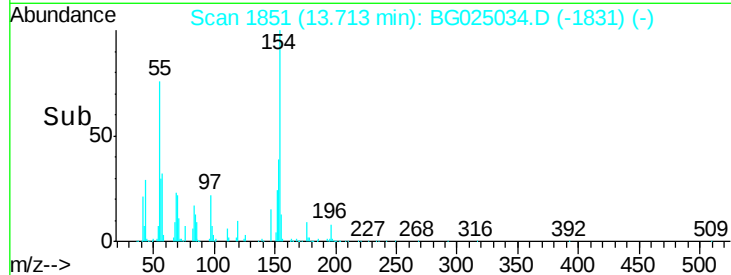
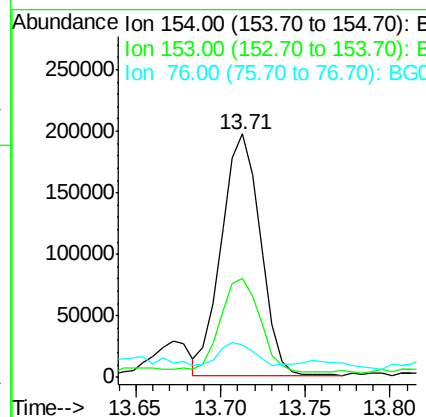
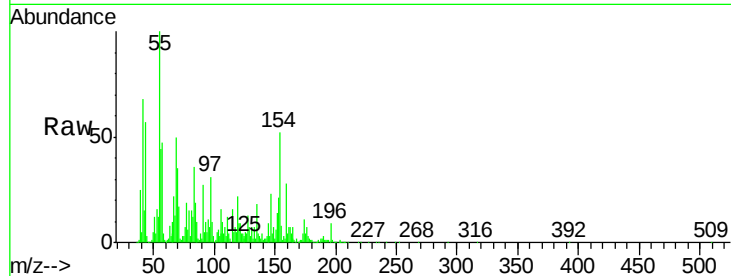




#40
 1,1'-Biphenyl
 Concen: 11.30 ng/ul
 RT: 13.71 min Scan# 1851
 Delta R.T. 0.02 min
 Lab File: BG025034.D
 Acq: 9 Dec 2016 11:29

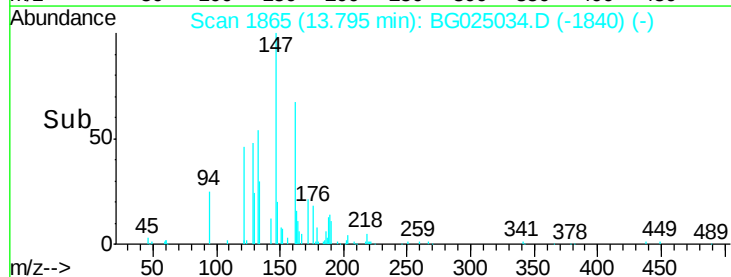
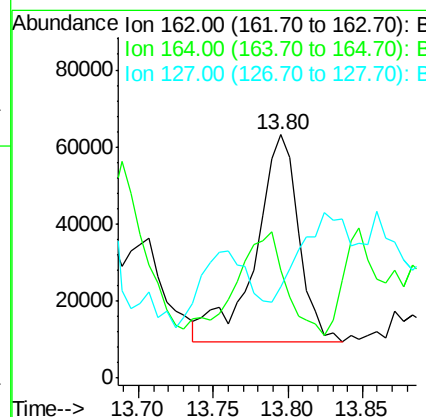
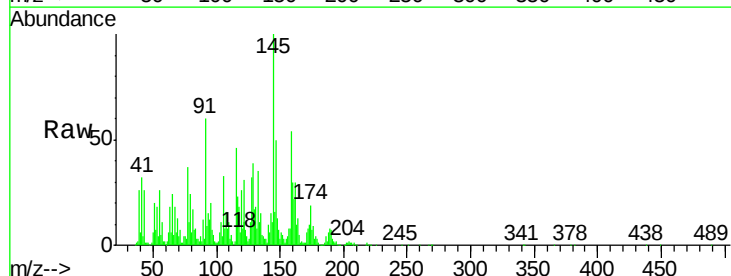
Instrument :
 BNA_G
 ClientSampled :
 DA7Y1

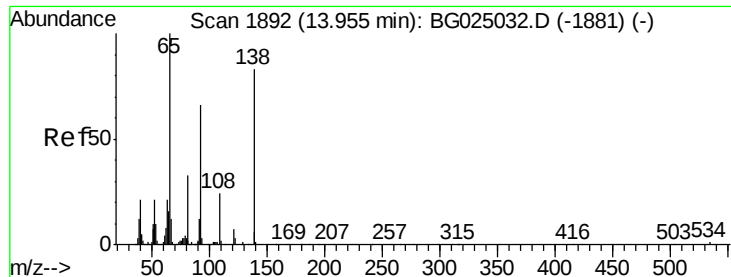
Tgt Ion:154 Resp: 314527
 Ion Ratio Lower Upper
 154 100
 153 40.7 32.2 48.2
 76 13.2 9.6 14.4



#41
 2-Chloronaphthalene
 Concen: 4.86 ng/ul
 RT: 13.80 min Scan# 1865
 Delta R.T. 0.05 min
 Lab File: BG025034.D
 Acq: 9 Dec 2016 11:29

Tgt Ion:162 Resp: 107786
 Ion Ratio Lower Upper
 162 100
 164 44.5 25.0 37.6#
 127 37.6 30.7 46.1





#42

2-Nitroaniline

Concen: 2.84 ng/ul

RT: 13.98 min Scan# 1897

Delta R.T. 0.03 min

Lab File: BG025034.D

Acq: 9 Dec 2016 11:29

Instrument :

BNA_G

ClientSampleId :

DA7Y1

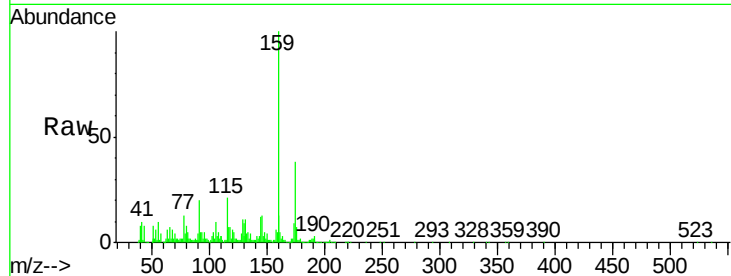
Tgt Ion: 65 Resp: 24641

Ion Ratio Lower Upper

65 100

92 72.1 50.9 76.3

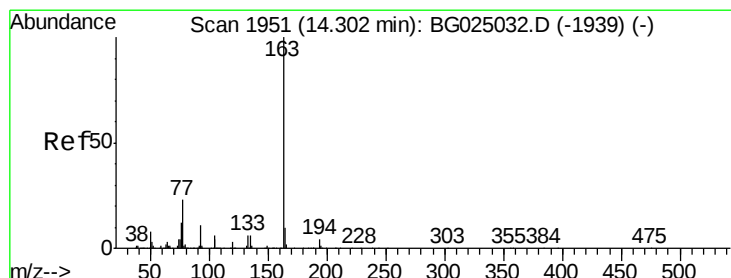
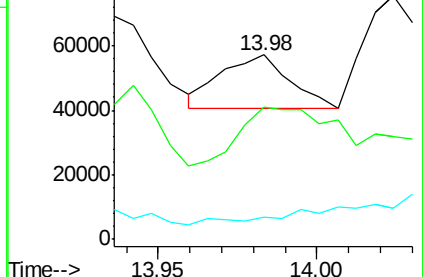
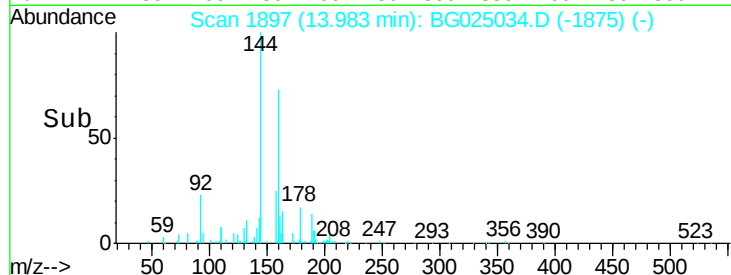
138 11.9 61.8 92.6#



Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#44

Dimethylphthalate

Concen: 4.33 ng/ul

RT: 14.32 min Scan# 1955

Delta R.T. 0.02 min

Lab File: BG025034.D

Acq: 9 Dec 2016 11:29

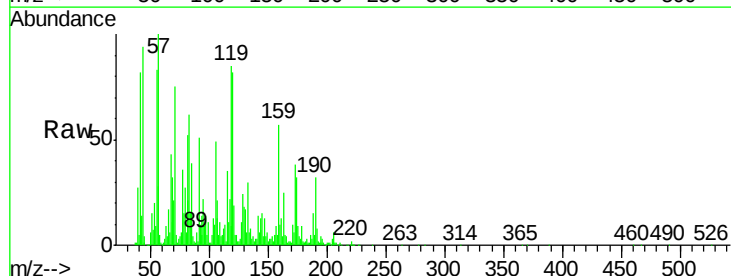
Tgt Ion: 163 Resp: 134544

Ion Ratio Lower Upper

163 100

194 16.1 3.4 5.0#

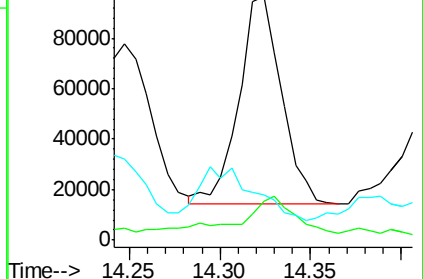
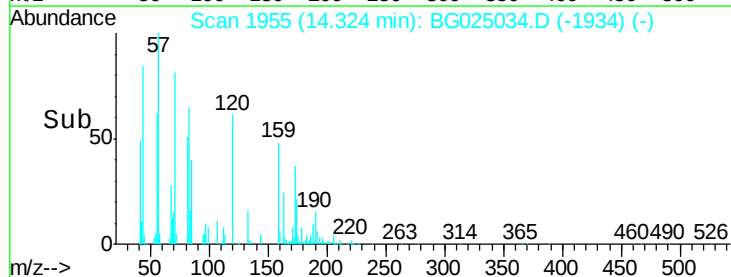
164 18.5 9.0 13.4#

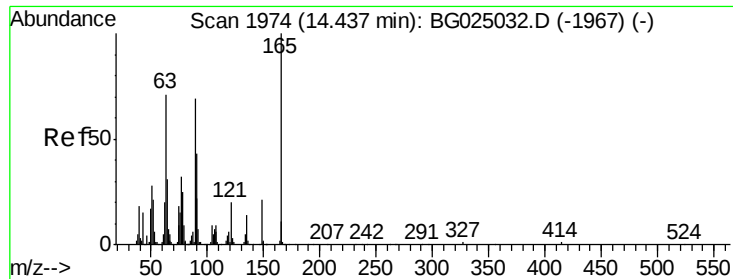


Abundance Ion 163.00 (162.70 to 163.70): BGC

Ion 194.00 (193.70 to 194.70): BGC

Ion 164.00 (163.70 to 164.70): BGC

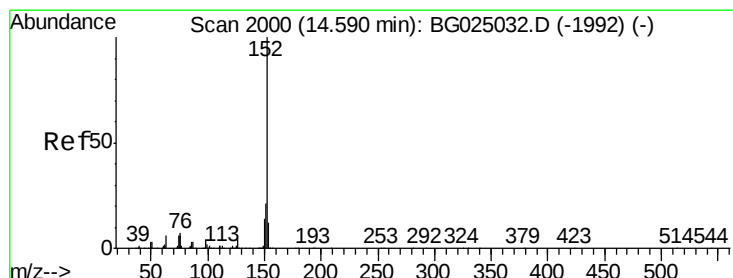
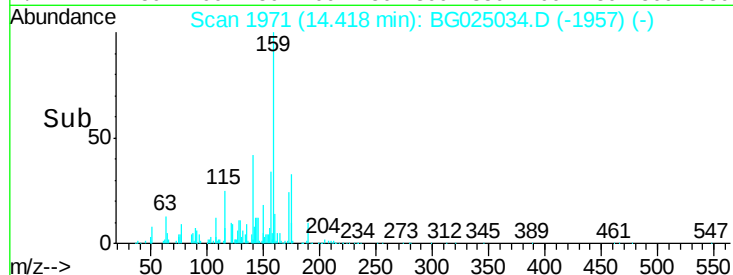
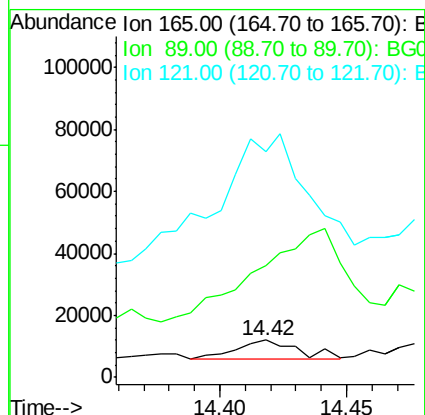
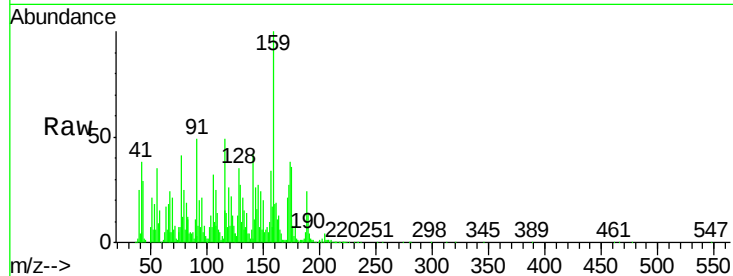




#45
2,6-Dinitrotoluene
Concen: 1.64 ng/ul
RT: 14.42 min Scan# 1971
Delta R.T. -0.02 min
Lab File: BG025034.D
Acq: 9 Dec 2016 11:29

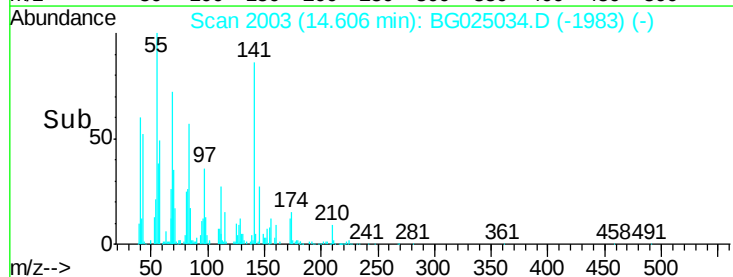
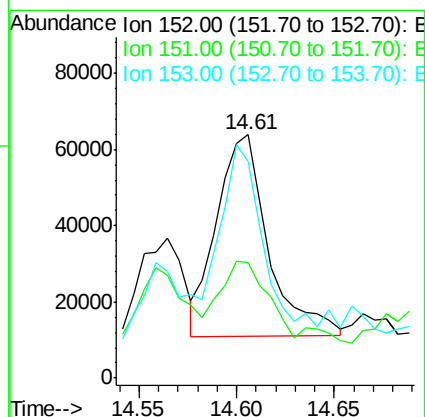
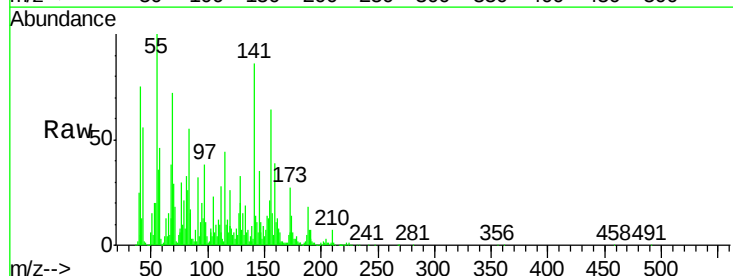
Instrument :
BNA_G
ClientSampled :
DA7Y1

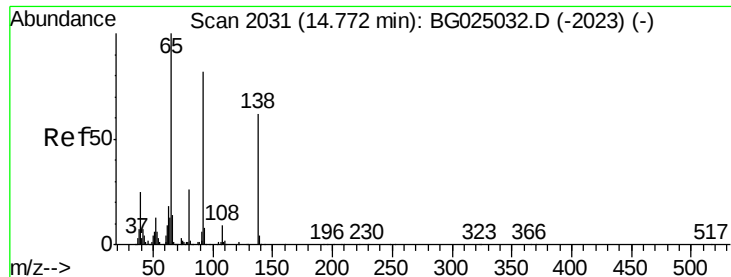
Tgt Ion:165 Resp: 10933
Ion Ratio Lower Upper
165 100
89 300.7 52.9 79.3#
121 608.1 22.2 33.4#



#47
Acenaphthylene
Concen: 2.88 ng/ul
RT: 14.61 min Scan# 2003
Delta R.T. 0.02 min
Lab File: BG025034.D
Acq: 9 Dec 2016 11:29

Tgt Ion:152 Resp: 96826
Ion Ratio Lower Upper
152 100
151 47.3 16.7 25.1#
153 89.0 11.4 17.2#





#48

3-Nitroaniline

Concen: 1.84 ng/ul

RT: 14.78 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BG025034.D

Acq: 9 Dec 2016 11:29

Instrument :

BNA_G

ClientSampleId :

DA7Y1

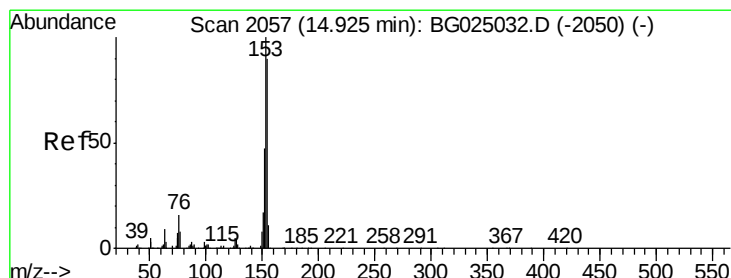
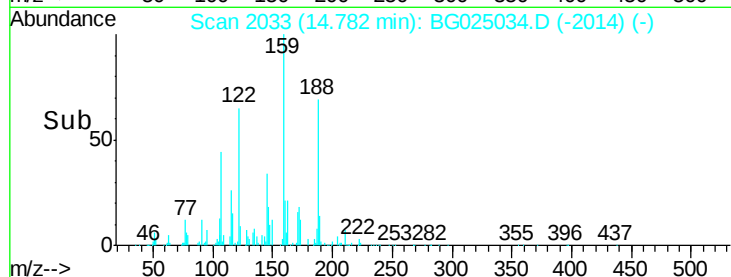
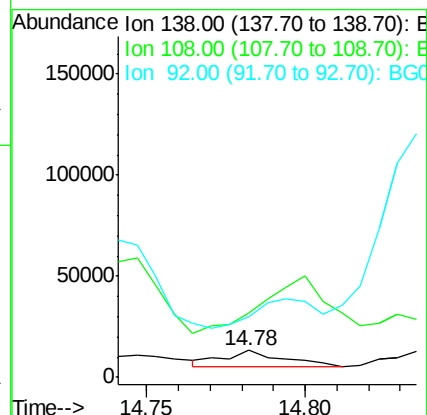
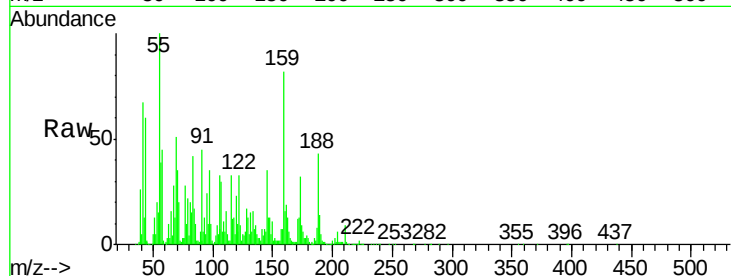
Tgt Ion:138 Resp: 10622

Ion Ratio Lower Upper

138 100

108 235.2 6.3 9.5#

92 223.4 106.4 159.6#



#49

Acenaphthene

Concen: 14.98 ng/ul

RT: 14.95 min Scan# 2061

Delta R.T. 0.02 min

Lab File: BG025034.D

Acq: 9 Dec 2016 11:29

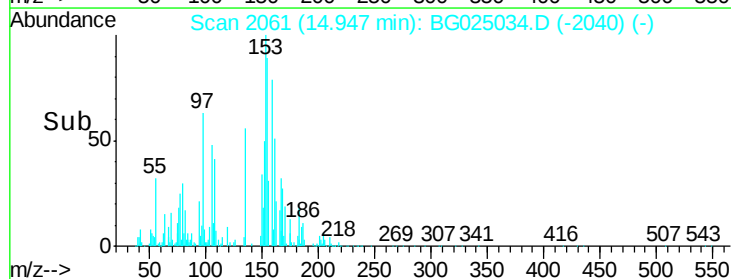
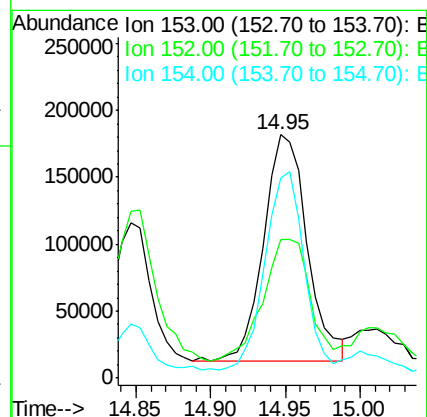
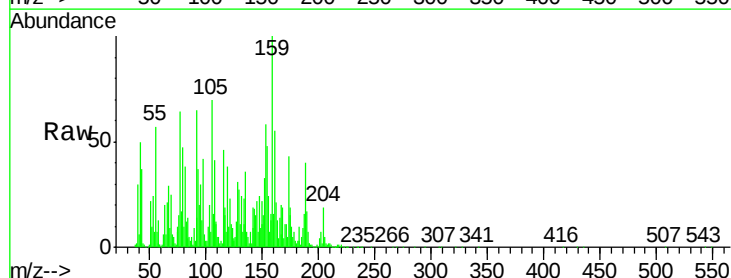
Tgt Ion:153 Resp: 345202

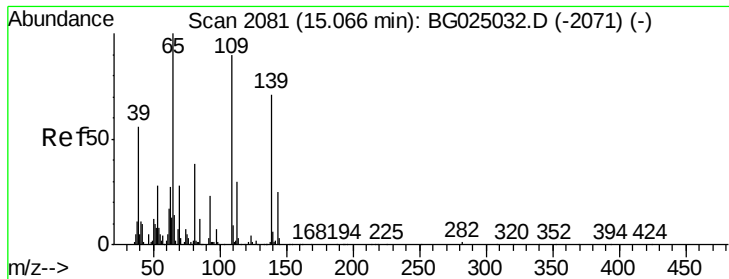
Ion Ratio Lower Upper

153 100

152 57.0 36.5 54.7#

154 82.2 72.3 108.5





#52

4-Nitrophenol

Concen: 4.14 ng/ul

RT: 15.06 min Scan# 2081

Delta R.T. -0.00 min

Lab File: BG025034.D

Acq: 9 Dec 2016 11:29

Instrument :

BNA_G

ClientSampleId :

DA7Y1

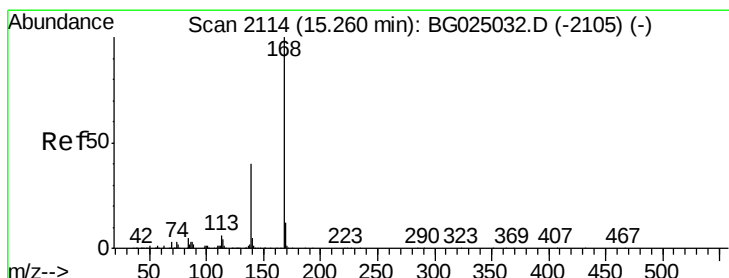
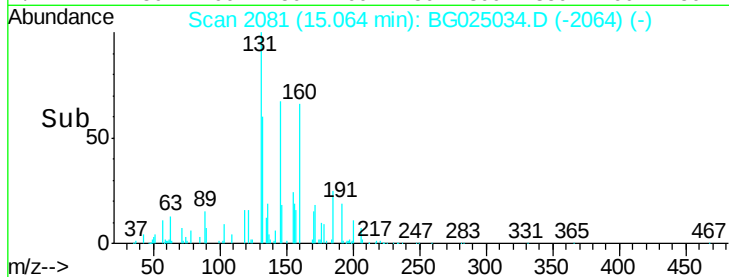
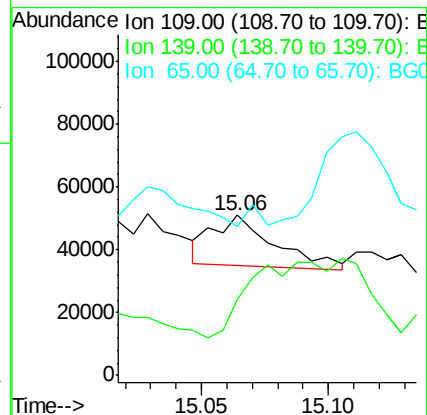
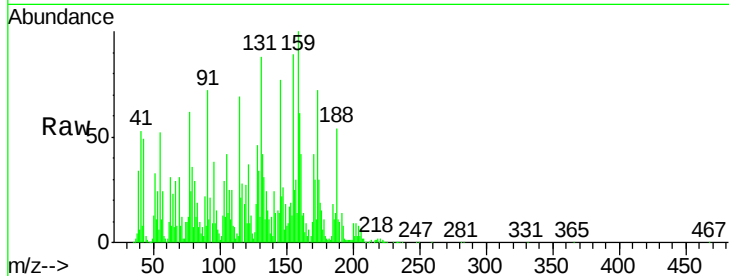
Tgt Ion:109 Resp: 27035

Ion Ratio Lower Upper

109 100

139 47.7 62.6 93.8#

65 92.9 90.4 135.6



#53

Dibenzofuran

Concen: 20.44 ng/ul

RT: 15.28 min Scan# 2118

Delta R.T. 0.02 min

Lab File: BG025034.D

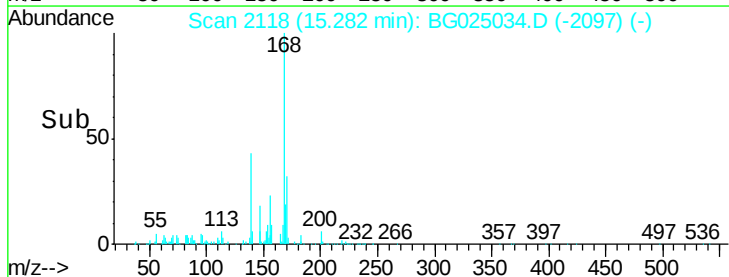
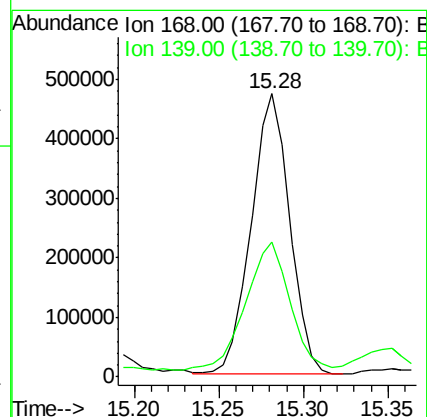
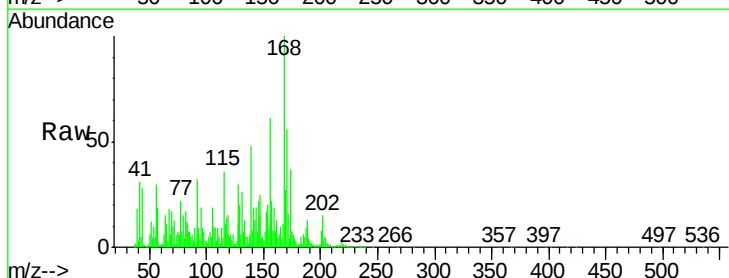
Acq: 9 Dec 2016 11:29

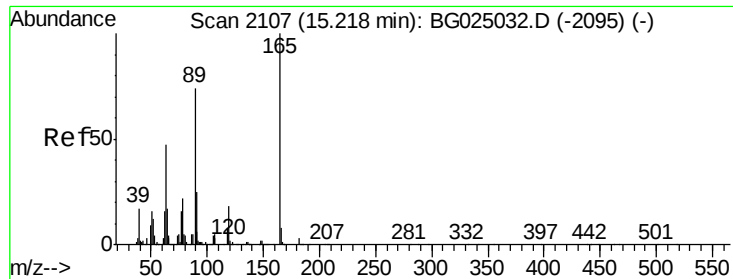
Tgt Ion:168 Resp: 744866

Ion Ratio Lower Upper

168 100

139 47.8 33.8 50.8





#54

2,4-Dinitrotoluene

Concen: 1.18 ng/ul

RT: 15.22 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BG025034.D

Acq: 9 Dec 2016 11:29

Instrument :

BNA_G

ClientSampleId :

DA7Y1

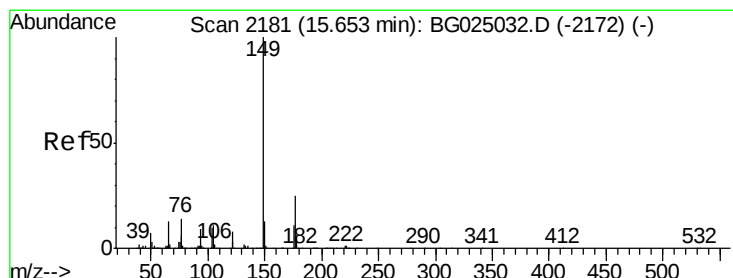
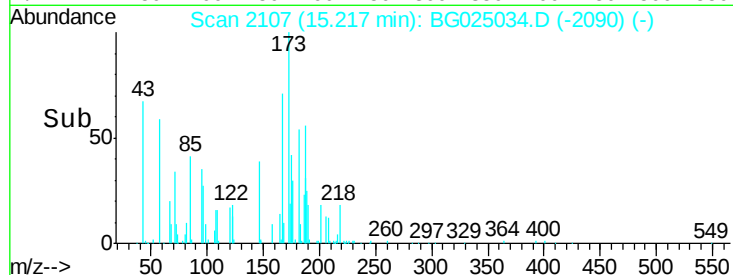
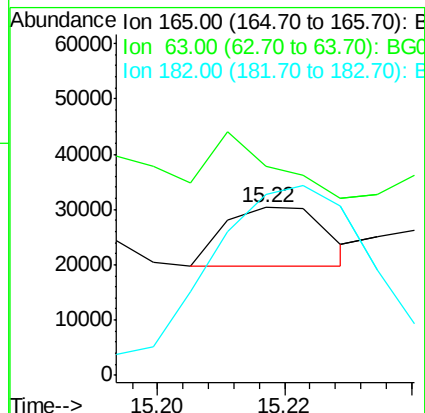
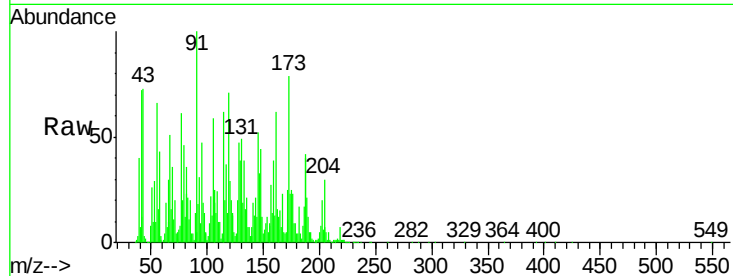
Tgt Ion:165 Resp: 11847

Ion Ratio Lower Upper

165 100

63 124.8 46.8 70.2#

182 107.8 1.8 2.6#



#56

Diethylphthalate

Concen: 2.34 ng/ul

RT: 15.65 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG025034.D

Acq: 9 Dec 2016 11:29

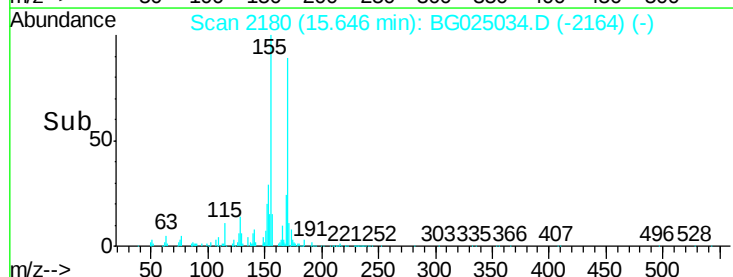
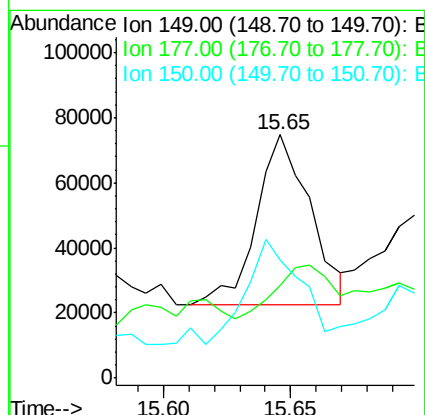
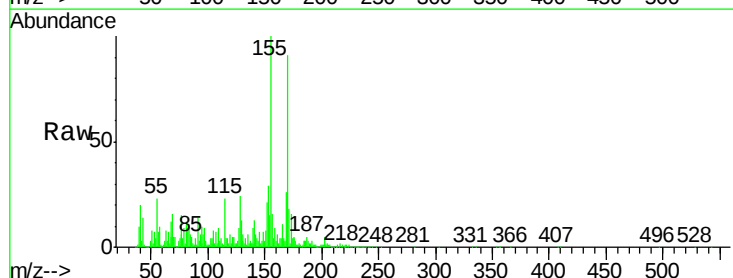
Tgt Ion:149 Resp: 77079

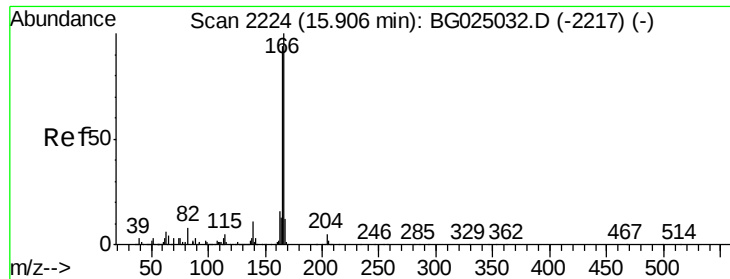
Ion Ratio Lower Upper

149 100

177 37.9 17.8 26.8#

150 48.6 10.2 15.4#





#58

Fluorene

Concen: 25.19 ng/ul

RT: 15.93 min Scan# 2228

Delta R.T. 0.02 min

Lab File: BG025034.D

Acq: 9 Dec 2016 11:29

Instrument :

BNA_G

ClientSampleId :

DA7Y1

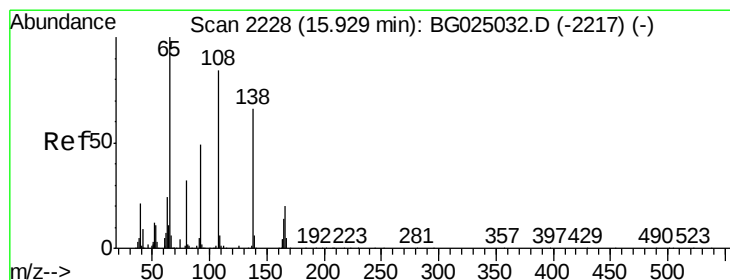
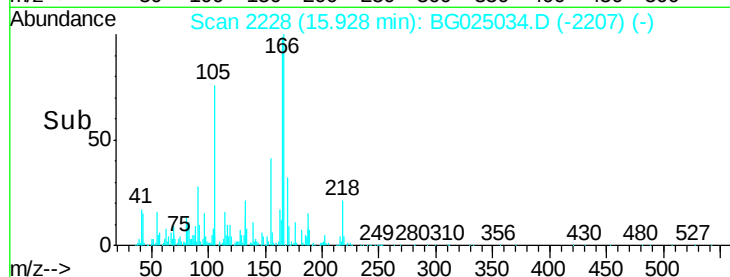
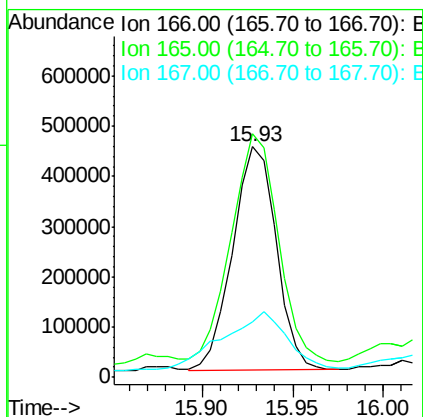
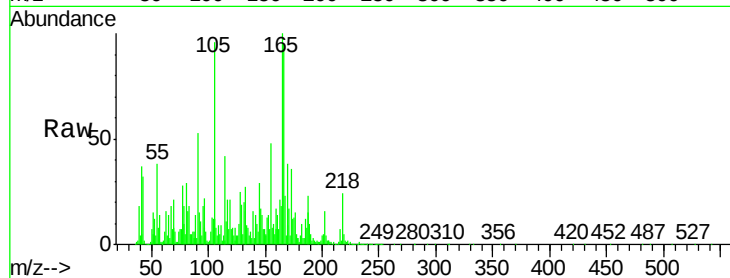
Tgt Ion:166 Resp: 747557

Ion Ratio Lower Upper

166 100

165 105.6 79.7 119.5

167 24.3 11.4 17.2#



#60

4-Nitroaniline

Concen: 4.77 ng/ul

RT: 15.92 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG025034.D

Acq: 9 Dec 2016 11:29

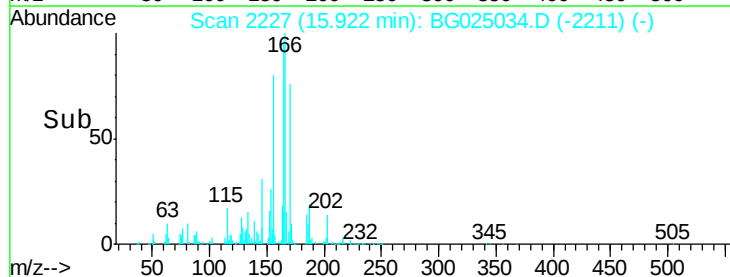
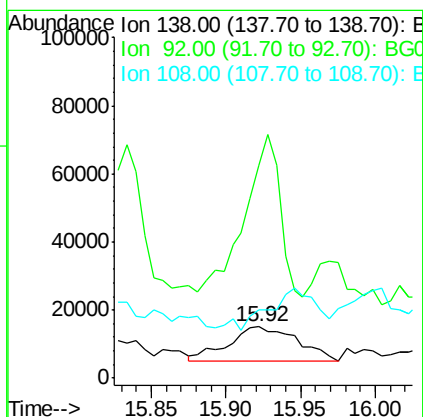
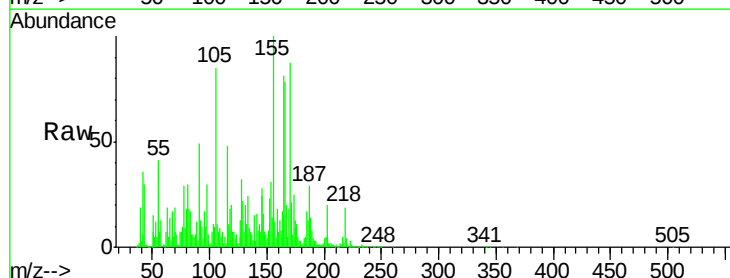
Tgt Ion:138 Resp: 33199

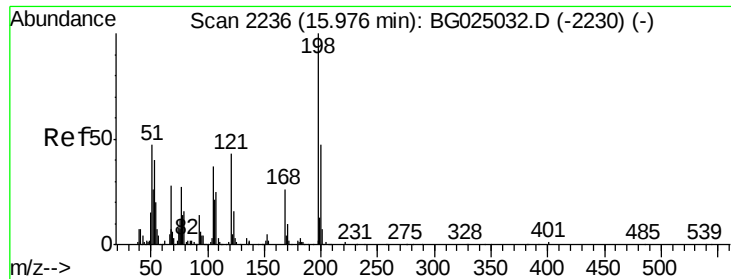
Ion Ratio Lower Upper

138 100

92 415.5 56.9 85.3#

108 134.1 104.9 157.3

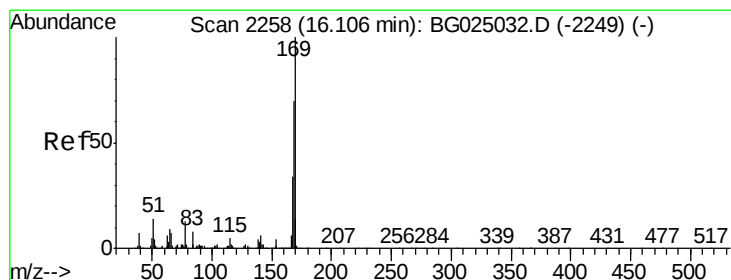
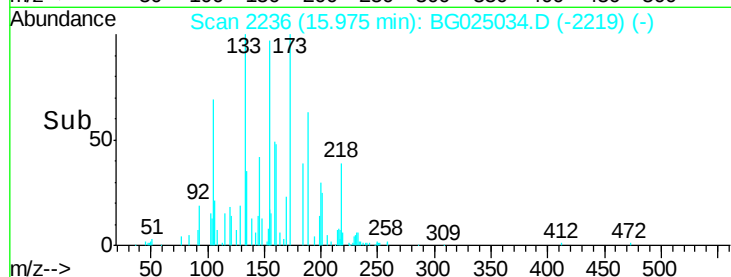
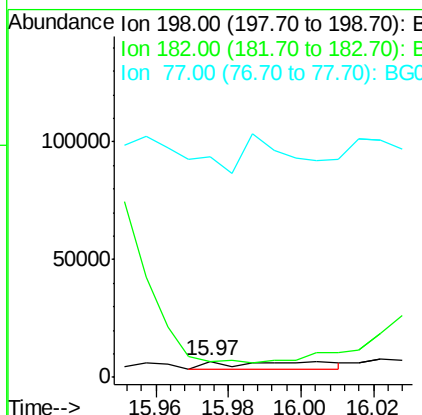
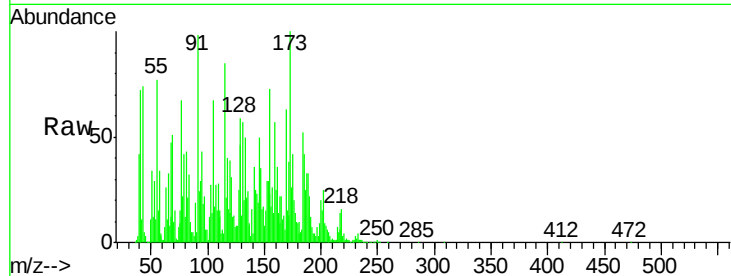




#63
 4,6-Dinitro-2-methylphenol
 Concen: 1.18 ng/ul
 RT: 15.97 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BG025034.D
 Acq: 9 Dec 2016 11:29

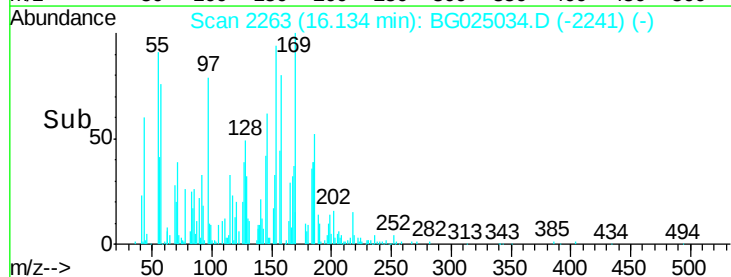
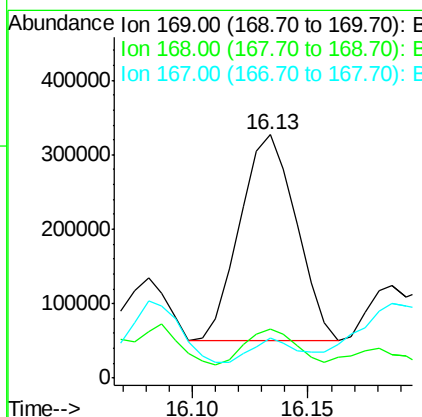
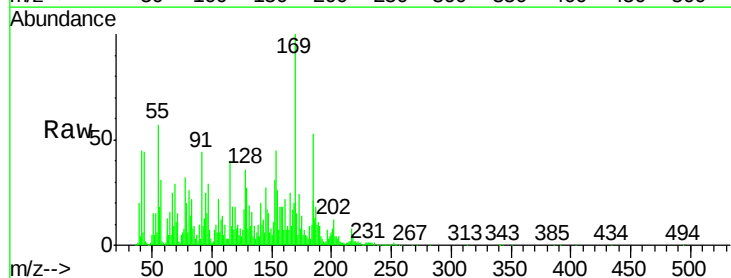
Instrument :
 BNA_G
 ClientSampleId :
 DA7Y1

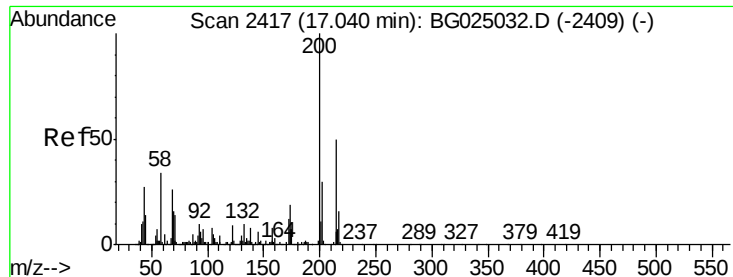
Tgt Ion:198 Resp: 6735
 Ion Ratio Lower Upper
 198 100
 182 97.6 5.8 6.4#
 77 1359.0 22.1 33.9#



#64
 N-Nitrosodiphenylamine
 Concen: 20.45 ng/ul
 RT: 16.13 min Scan# 2263
 Delta R.T. 0.03 min
 Lab File: BG025034.D
 Acq: 9 Dec 2016 11:29

Tgt Ion:169 Resp: 468544
 Ion Ratio Lower Upper
 169 100
 168 20.4 59.1 88.7#
 167 16.5 29.7 44.5#

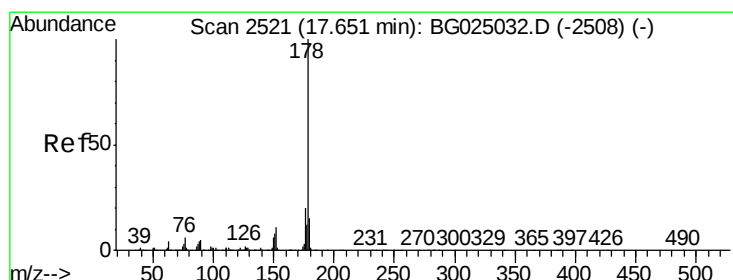
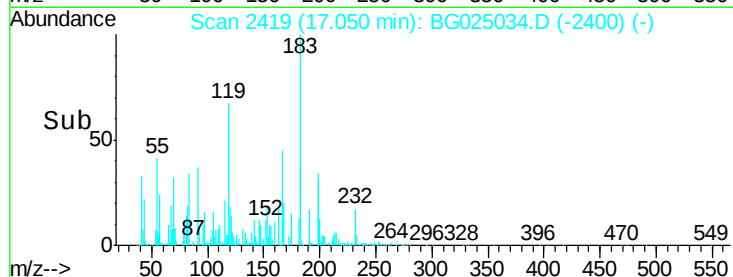
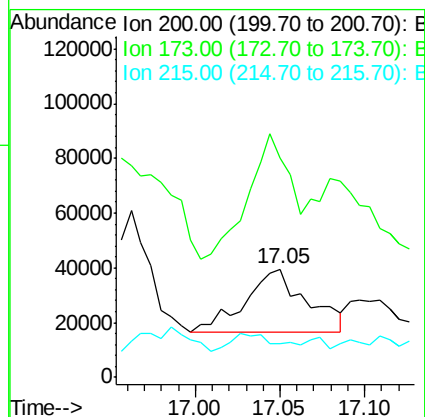
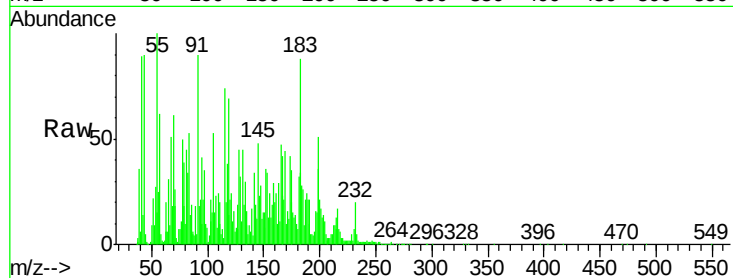




#67
Atrazine
Concen: 5.46 ng/ul
RT: 17.05 min Scan# 2419
Delta R.T. 0.01 min
Lab File: BG025034.D
Acq: 9 Dec 2016 11:29

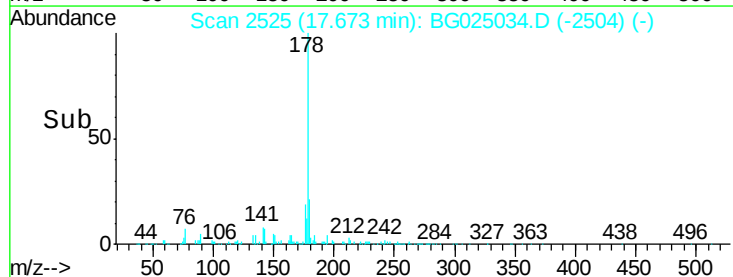
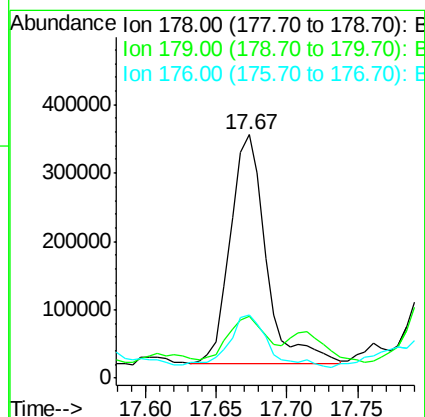
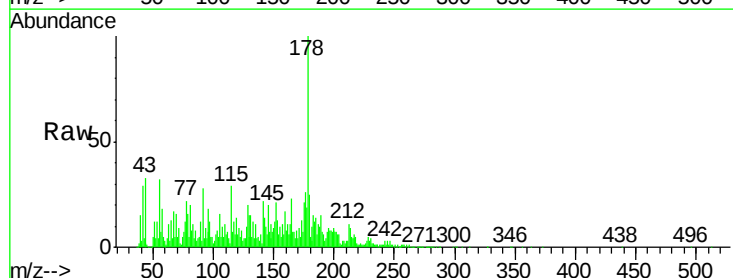
Instrument :
BNA_G
ClientSampleId :
DA7Y1

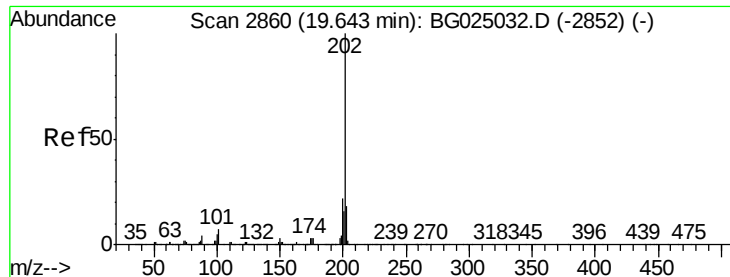
Tgt Ion:200 Resp: 59442
Ion Ratio Lower Upper
200 100
173 202.6 19.2 28.8#
215 31.5 40.3 60.5#



#69
Phenanthrene
Concen: 14.10 ng/ul
RT: 17.67 min Scan# 2525
Delta R.T. 0.02 min
Lab File: BG025034.D
Acq: 9 Dec 2016 11:29

Tgt Ion:178 Resp: 599445
Ion Ratio Lower Upper
178 100
179 25.3 12.4 18.6#
176 26.1 16.5 24.7#

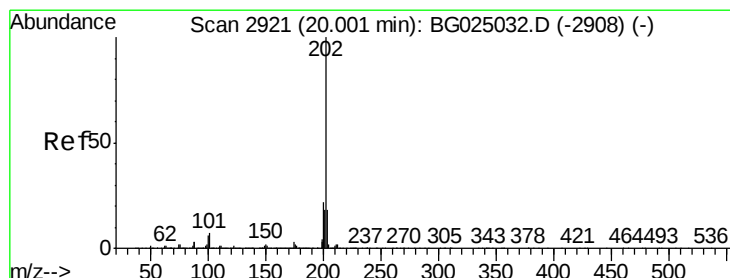
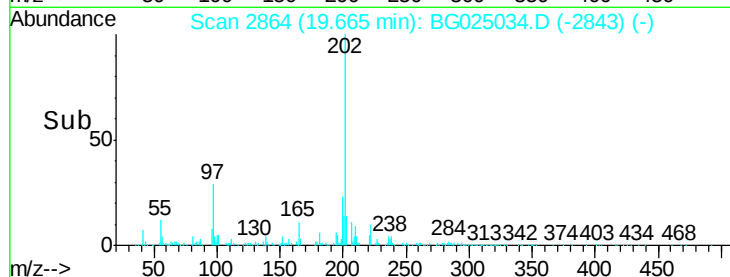
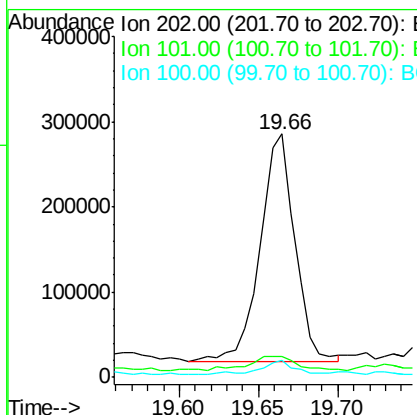
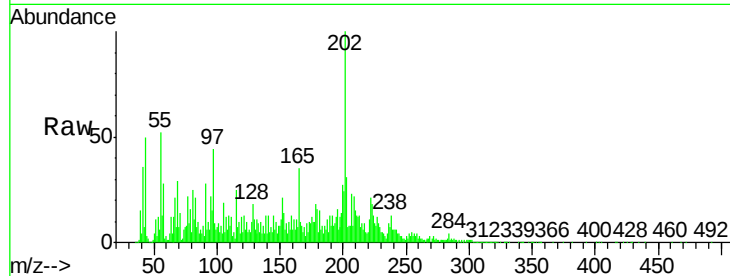




#74
Fluoranthene
Concen: 8.09 ng/ul
RT: 19.66 min Scan# 2864
Delta R.T. 0.02 min
Lab File: BG025034.D
Acq: 9 Dec 2016 11:29

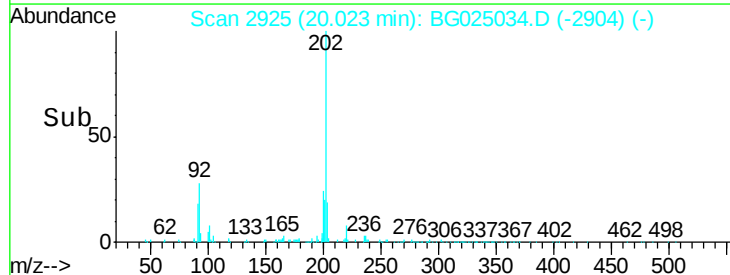
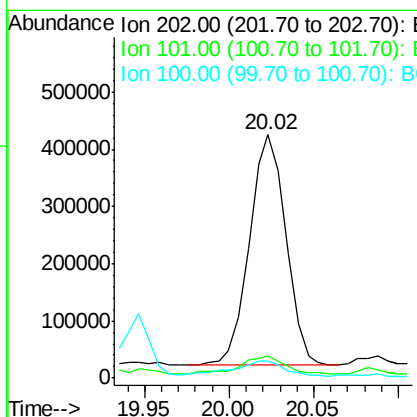
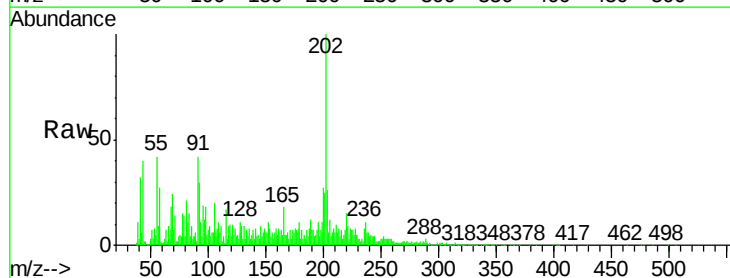
Instrument :
BNA_G
ClientSampleId :
DA7Y1

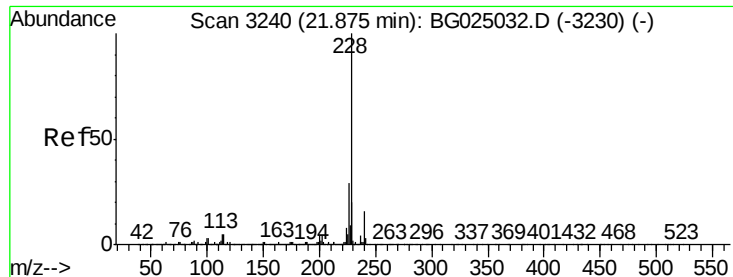
Tgt Ion:	202	Resp:	408668
Ion Ratio	Lower	Upper	
202	100		
101	8.6	6.2	9.2
100	6.8	5.2	7.8



#77
Pyrene
Concen: 10.78 ng/ul
RT: 20.02 min Scan# 2925
Delta R.T. 0.02 min
Lab File: BG025034.D
Acq: 9 Dec 2016 11:29

Tgt Ion:	202	Resp:	604373
Ion Ratio	Lower	Upper	
202	100		
101	9.1	6.9	10.3
100	6.8	6.6	10.0





#80

Benzo(a)anthracene

Concen: 2.02 ng/ul

RT: 21.90 min Scan# 3245

Delta R.T. 0.03 min

Lab File: BG025034.D

Acq: 9 Dec 2016 11:29

Instrument :

BNA_G

ClientSampled :

DA7Y1

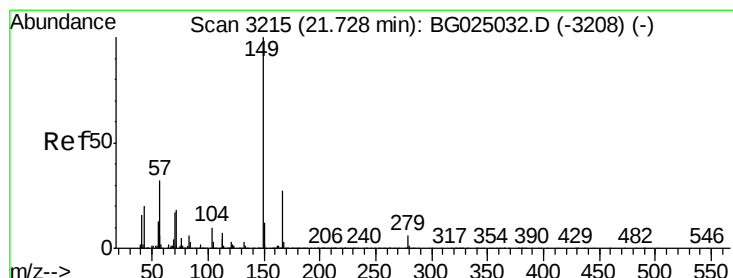
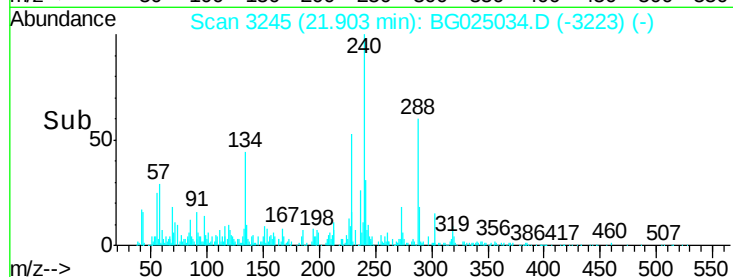
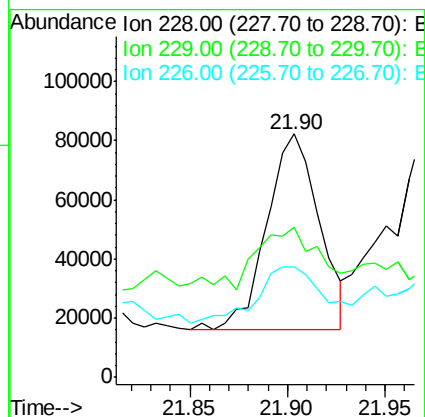
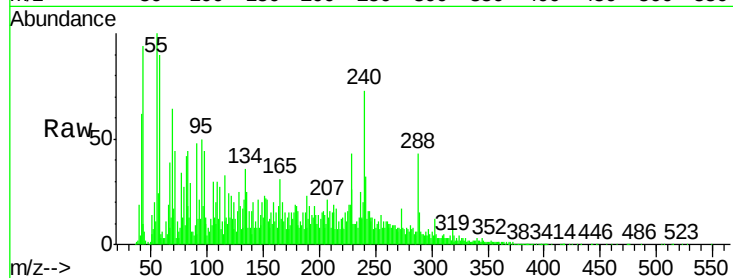
Tgt Ion:228 Resp: 122356

Ion Ratio Lower Upper

228 100

229 61.8 16.3 24.5#

226 45.2 21.9 32.9#



#81

Bis(2-ethylhexyl)phthalate

Concen: 1.77 ng/ul

RT: 21.75 min Scan# 3219

Delta R.T. 0.02 min

Lab File: BG025034.D

Acq: 9 Dec 2016 11:29

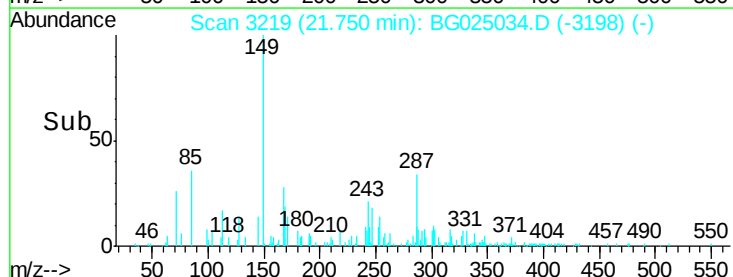
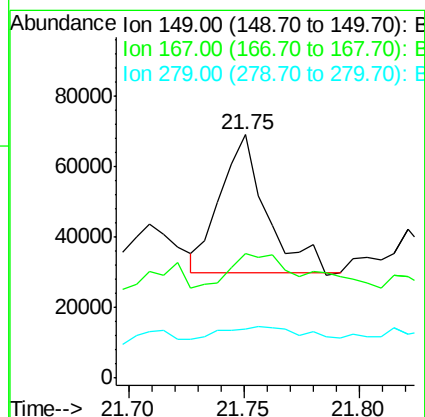
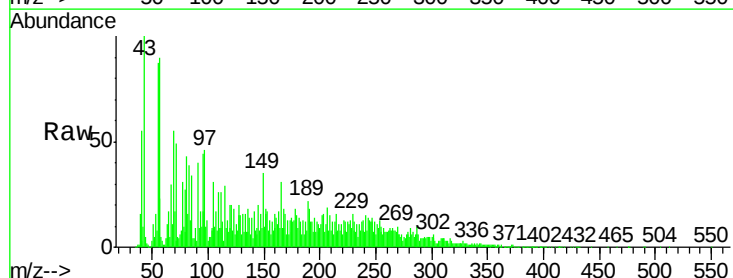
Tgt Ion:149 Resp: 53429

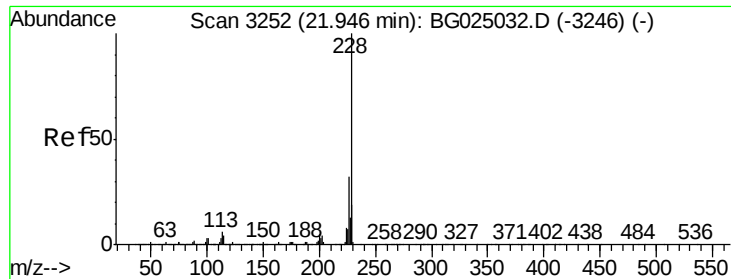
Ion Ratio Lower Upper

149 100

167 51.3 21.8 32.8#

279 20.4 4.5 6.7#





#82

Chrysene

Concen: 2.81 ng/ul

RT: 21.97 min Scan# 3256

Delta R.T. 0.02 min

Lab File: BG025034.D

Acq: 9 Dec 2016 11:29

Instrument :

BNA_G

ClientSampleId :

DA7Y1

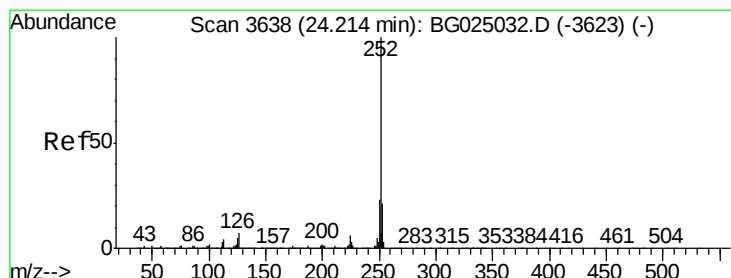
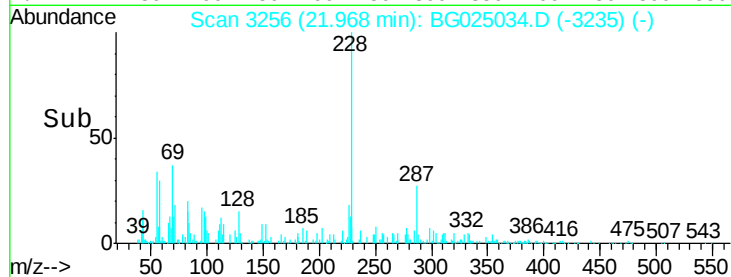
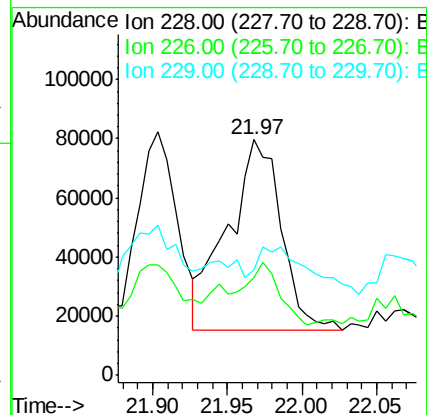
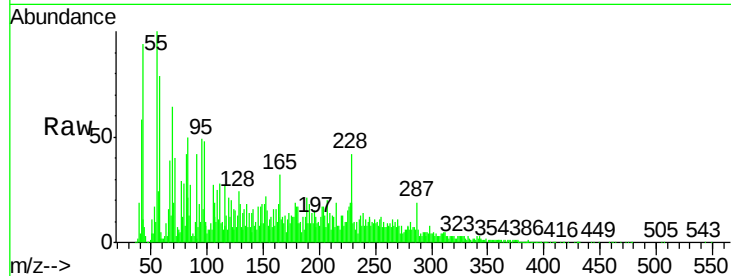
Tgt Ion:228 Resp: 159140

Ion Ratio Lower Upper

228 100

226 41.3 24.0 36.0#

229 44.9 16.9 25.3#



#85

Benzo(b)fluoranthene

Concen: 1.99 ng/ul

RT: 24.28 min Scan# 3649

Delta R.T. 0.06 min

Lab File: BG025034.D

Acq: 9 Dec 2016 11:29

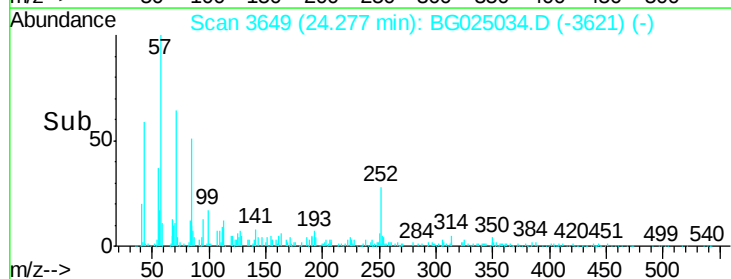
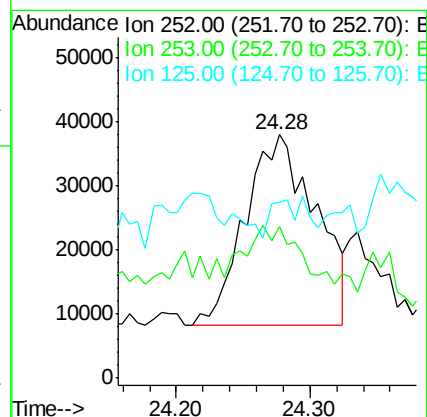
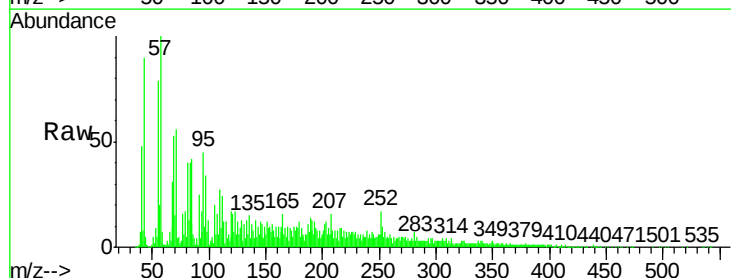
Tgt Ion:252 Resp: 109291

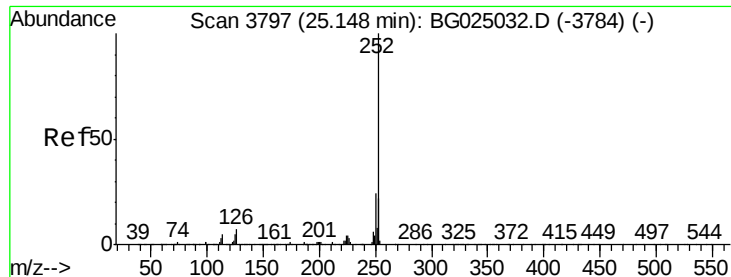
Ion Ratio Lower Upper

252 100

253 62.4 17.7 26.5#

125 72.1 4.0 6.0#





#88

Benzo(a)pyrene

Concen: 1.45 ng/ul

RT: 25.22 min Scan# 3809

Delta R.T. 0.07 min

Lab File: BG025034.D

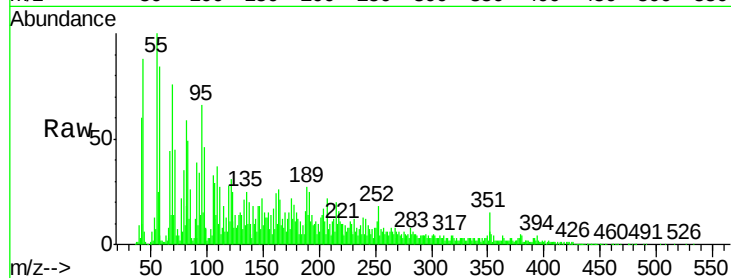
Acq: 9 Dec 2016 11:29

Instrument :

BNA_G

ClientSampleId :

DA7Y1



Tgt Ion:	252	Resp:	76533
Ion	Ratio	Lower	Upper
252	100		
253	62.1	17.8	26.6#
125	75.8	5.4	8.0#

