

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
 Data File : BG025023.D
 Acq On : 9 Dec 2016 1:52
 Operator : UM/SJ
 Sample : H5863-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7Z1

Quant Time: Dec 09 03:13:49 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 09 01:31:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	1434	20.00	ng/ul	-0.15
18) Naphthalene-d8	10.88	136	75776	20.00	ng/ul	-0.19
35) Acenaphthene-d10	14.64	164	15731	20.00	ng/ul	-0.23
61) Phenanthrene-d10	17.31	188	4683	20.00	ng/ul	-0.29
75) Chrysene-d12	21.53	240	332	20.00	ng/ul	-0.37
83) Perylene-d12	24.89	264	666	20.00	ng/ul	-0.42
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	187	6.74	ng/uL	-0.07
5) Phenol-d5	7.39	99	243450	1967.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	158893	2076.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	181539	2098.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	183362	1773.57	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	587	1.09	ng/ul	-0.18
22) 2-Nitrophenol-d4	9.93	143	81	0.12	ng/ul	-0.22
26) 2,4-Dichlorophenol-d3	10.48	165	432	0.34	ng/ul	-0.20
29) 4-Chloroaniline-d4	11.03	131	146411	115.80	ng/ul	-0.17
43) Dimethylphthalate-d6	14.01	166	9469	8.75	ng/ul	-0.25
46) Acenaphthylene-d8	14.30	160	18831	15.89	ng/ul	-0.26
51) 4-Nitrophenol-d4	14.83	143	96765	520.34	ng/ul	-0.22
57) Fluorene-d10	15.60	176	33277	32.67	ng/ul	-0.25
62) 4,6-Dinitro-2-methylphenol	15.71	200	1279	44.17	ng/ul	-0.26
70) Anthracene-d10	17.40	188	2256	11.41	ng/ul	-0.30
76) Pyrene-d10	19.62	212	22355	1634.76	ng/ul	-0.35
87) Benzo(a)pyrene-d12	24.65	264	1677	62.14	ng/ul	-0.42
Target Compounds						
2) 1,4-Dioxane	3.63	88	605	16.73	ng/uL	91
4) Benzaldehyde	7.21	77	13936	149.64	ng/ul#	37
6) Phenol	7.27	94	481	3.79	ng/ul#	45
8) Bis(2-Chloroethyl)ether	7.67	93	164	1.77	ng/ul	92
10) 2-Chlorophenol	7.66	128	306	3.52	ng/ul#	74
11) 2-Methylphenol	8.47	108	482	5.16	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.60	45	674	4.27	ng/ul#	1
14) Acetophenone	8.92	105	17748	112.80	ng/ul#	47
15) N-Nitroso-di-n-propylamine	8.91	70	2172	23.90	ng/ul#	16
16) 4-Methylphenol	8.88	108	820	7.88	ng/ul	89
17) Hexachloroethane	9.19	117	18226	473.03	ng/ul#	1
25) Bis(2-Chloroethoxy)methane	10.25	93	15064	9.47	ng/ul#	1
28) Naphthalene	10.90	128	30962	8.79	ng/ul#	1
30) 4-Chloroaniline	11.04	127	4941	3.82	ng/ul#	1
33) 4-Chloro-3-methylphenol	12.13	107	22759	14.78	ng/ul#	1
41) 2-Chloronaphthalene	13.57	162	17458	22.99	ng/ul#	1
42) 2-Nitroaniline	13.75	65	20604	69.33	ng/ul#	45
44) Dimethylphthalate	14.07	163	3164	2.98	ng/ul#	1
45) 2,6-Dinitrotoluene	14.21	165	3492	15.28	ng/ul#	1
48) 3-Nitroaniline	14.51	138	3173	16.03	ng/ul#	1
50) 2,4-Dinitrophenol	14.75	184	1244	8.38	ng/ul#	1
52) 4-Nitrophenol	14.81	109	4097	18.32	ng/ul#	49
53) Dibenzofuran	15.00	168	8344	6.68	ng/ul#	1

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

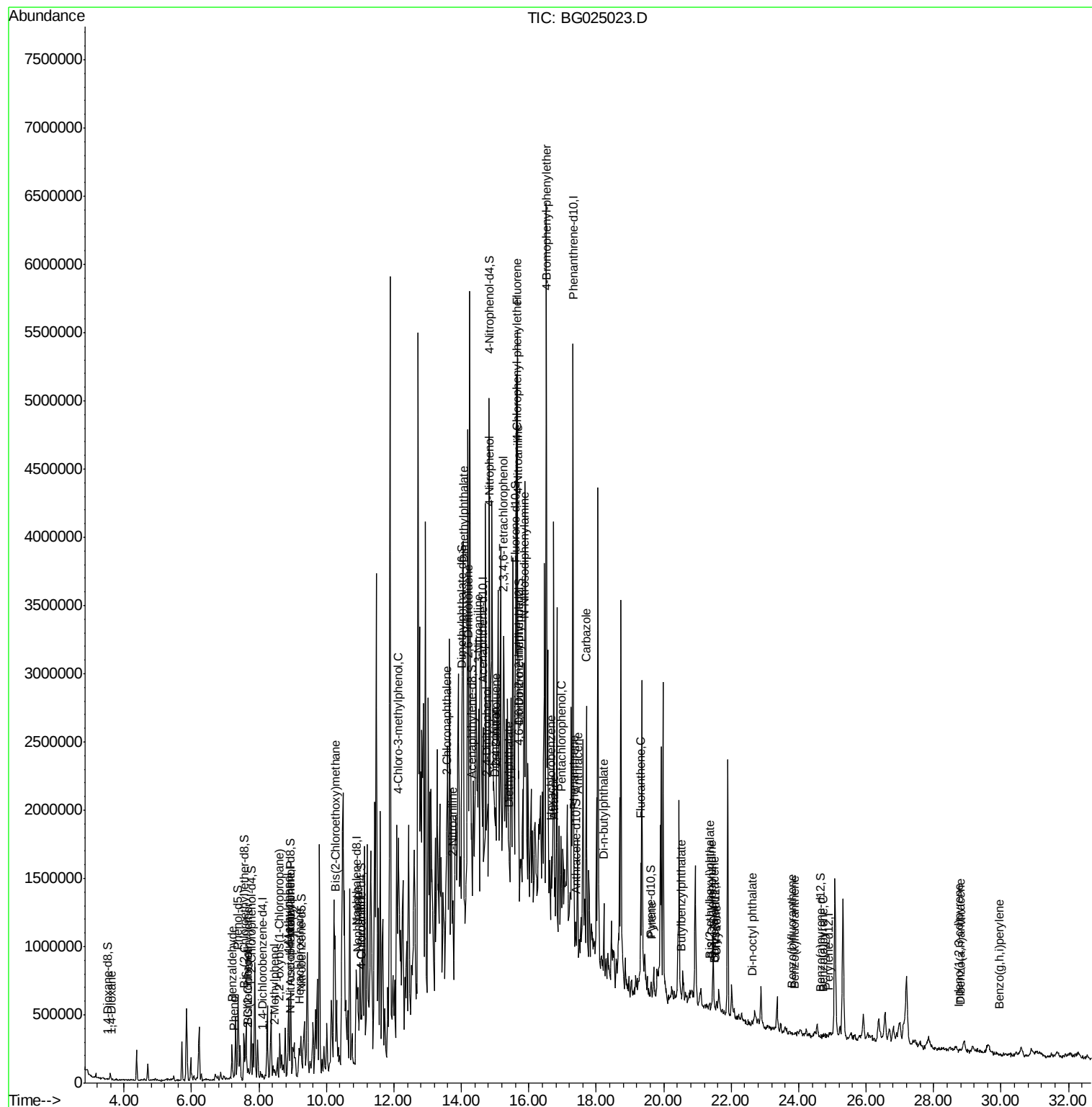
54) 2,4-Dinitrotoluene	15.01	165	19143	55.59	ng/ul#	14
55) 2,3,4,6-Tetrachlorophenol	15.25	232	1061	3.08	ng/ul#	1
56) Diethylphthalate	15.42	149	9416	8.36	ng/ul#	36
58) Fluorene	15.67	166	8515	8.38	ng/ul#	1
59) 4-Chlorophenyl-phenylether	15.65	204	1535	2.68	ng/ul#	1
60) 4-Nitroaniline	15.68	138	1057	4.43	ng/ul#	32
63) 4,6-Dinitro-2-methylphenol	15.69	198	724	24.14	ng/ul#	1
64) N-Nitrosodiphenylamine	15.86	169	37440	310.76	ng/ul#	42
65) 4-Bromophenyl-phenylether	16.51	248	248	4.69	ng/ul#	1
66) Hexachlorobenzene	16.66	284	153	2.57	ng/ul#	1
67) Atrazine	16.76	200	15162	264.73	ng/ul#	45
68) Pentachlorophenol	16.96	266	95	2.66	ng/ul#	24
69) Phenanthrene	17.34	178	4782	21.39	ng/ul#	1
71) Anthracene	17.44	178	7912	34.43	ng/ul#	1
72) Carbazole	17.71	167	6997	36.50	ng/ul#	3
73) Di-n-butylphthalate	18.22	149	1094	4.52	ng/ul#	1
74) Fluoranthene	19.32	202	3114	11.72	ng/ul#	36
77) Pyrene	19.64	202	25974	1627.46	ng/ul#	90
78) Butylbenzylphthalate	20.51	149	1123	179.72	ng/ul#	1
79) 3,3'-Dichlorobenzidine	21.42	252	991	171.22	ng/ul#	93
80) Benzo(a)anthracene	21.51	228	1509	87.48	ng/ul#	1
81) Bis(2-ethylhexyl)phthalate	21.35	149	3639	423.11	ng/ul#	15
82) Chrysene	21.57	228	1286	79.71	ng/ul#	1
84) Di-n-octyl phthalate	22.61	149	3400	125.74	ng/ul	100
85) Benzo(b)fluoranthene	23.80	252	347	10.51	ng/ul#	1
86) Benzo(k)fluoranthene	23.87	252	1023	32.59	ng/ul#	1
88) Benzo(a)pyrene	24.72	252	459	14.46	ng/ul#	1
89) Indeno(1,2,3-cd)pyrene	28.73	276	743	18.83	ng/ul#	40
90) Dibenzo(a,h)anthracene	28.81	278	716	21.53	ng/ul#	1
91) Benzo(g,h,i)perylene	29.95	276	642	19.49	ng/ul#	35

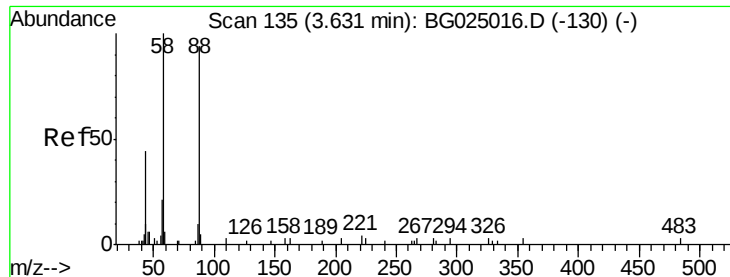
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 16.73 ng/uL

RT: 3.63 min Scan# 135

Delta R.T. -0.00 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

Instrument :

BNA_G

ClientSampleId :

DA7Z1

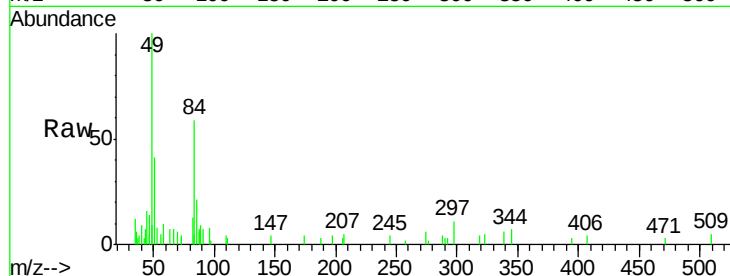
Tgt Ion: 88 Resp: 605

Ion Ratio Lower Upper

88 100

43 58.7 39.2 58.8

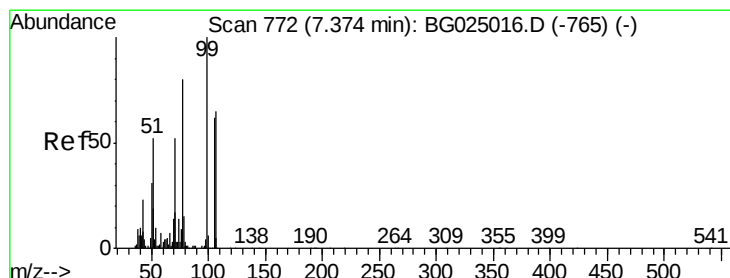
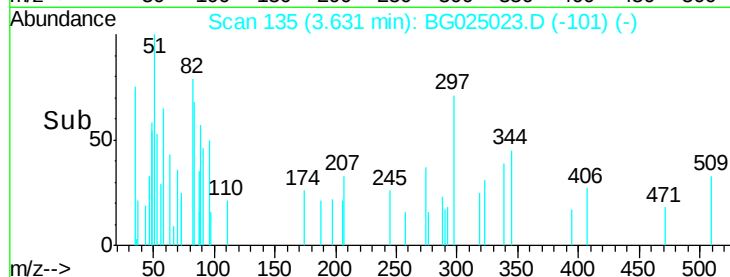
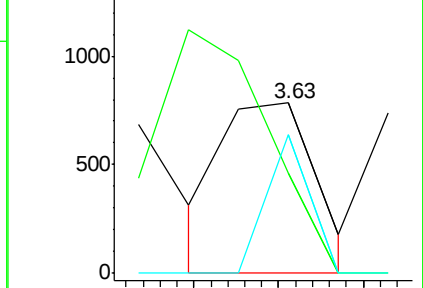
58 81.2 69.4 104.0



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Ion 58.00 (57.70 to 58.70): BGC



#4

Benzaldehyde

Concen: 149.64 ng/uL

RT: 7.21 min Scan# 744

Delta R.T. -0.16 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

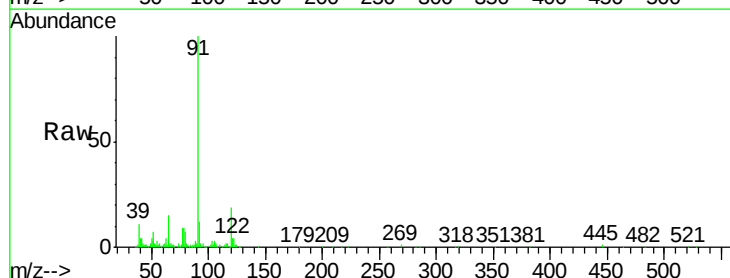
Tgt Ion: 77 Resp: 13936

Ion Ratio Lower Upper

77 100

105 35.0 62.0 93.0#

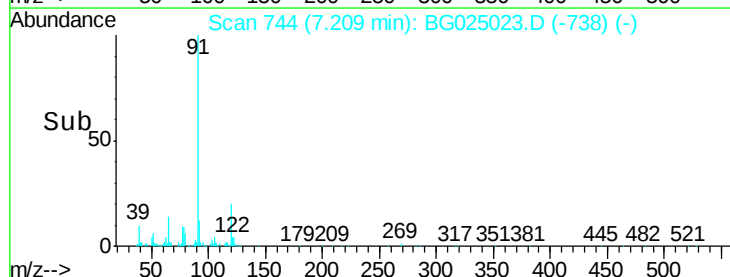
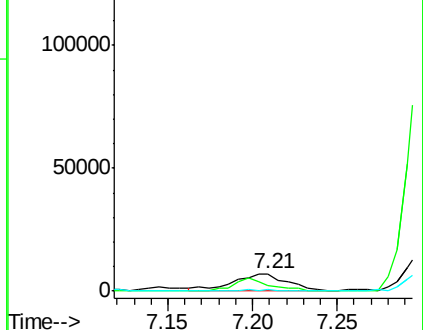
106 9.0 60.2 90.4#

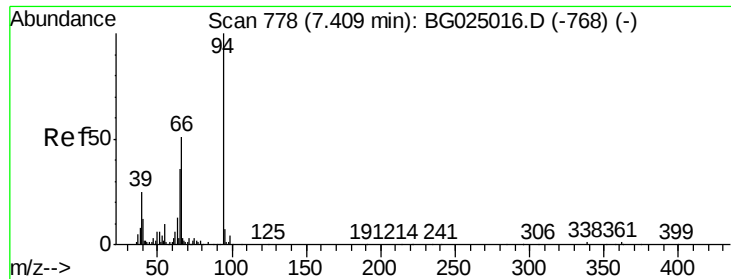


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 3.79 ng/ul

RT: 7.27 min Scan# 754

Delta R.T. -0.14 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

Instrument :

BNA_G

ClientSampleId :

DA7Z1

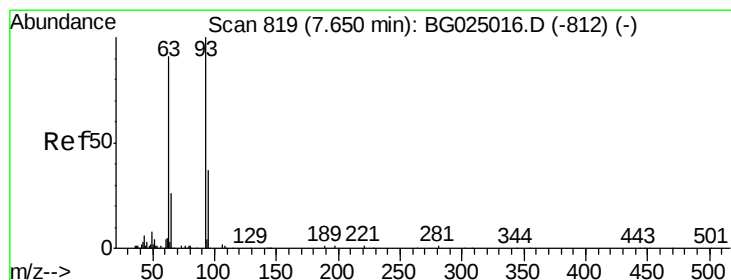
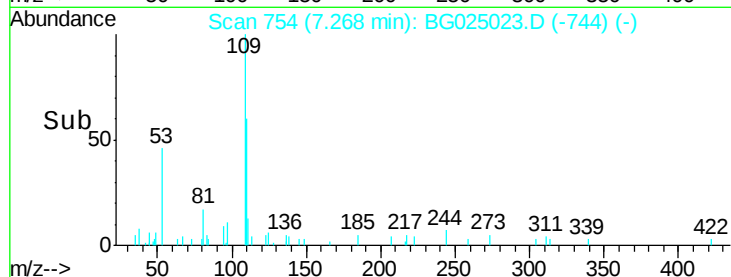
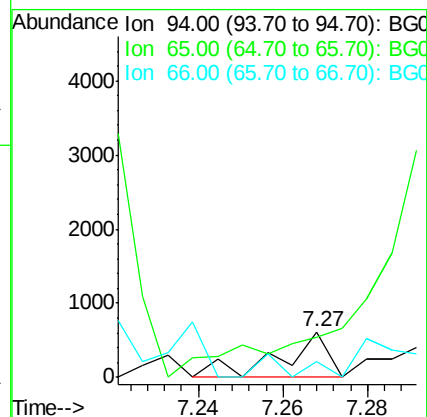
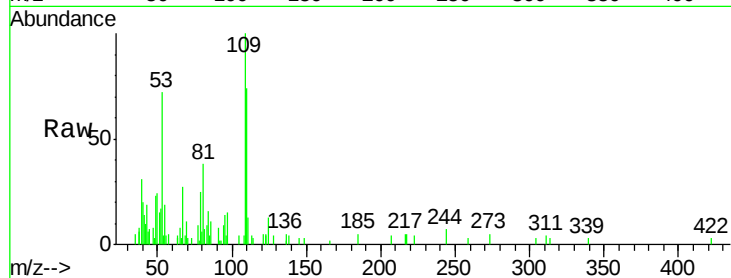
Tgt Ion: 94 Resp: 481

Ion Ratio Lower Upper

94 100

65 88.0 26.8 40.2#

66 33.4 44.4 66.6#



#8

Bis(2-Chloroethyl)ether

Concen: 1.77 ng/ul

RT: 7.67 min Scan# 823

Delta R.T. 0.02 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

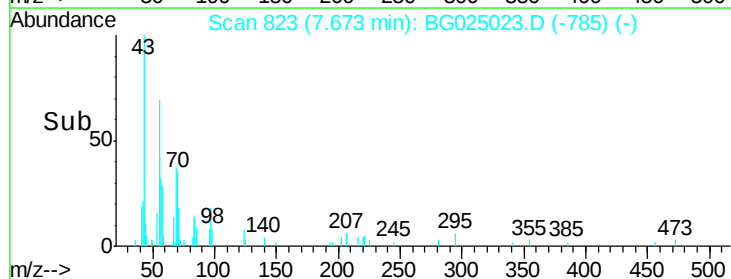
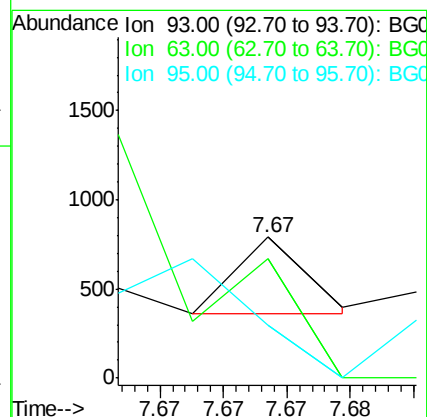
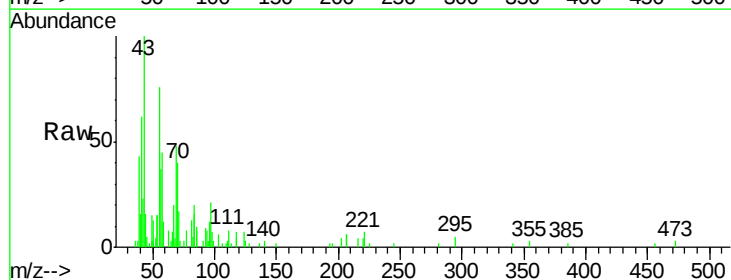
Tgt Ion: 93 Resp: 164

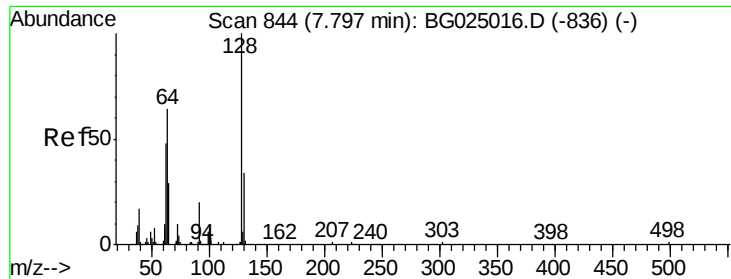
Ion Ratio Lower Upper

93 100

63 85.2 75.5 113.3

95 38.0 29.2 43.8

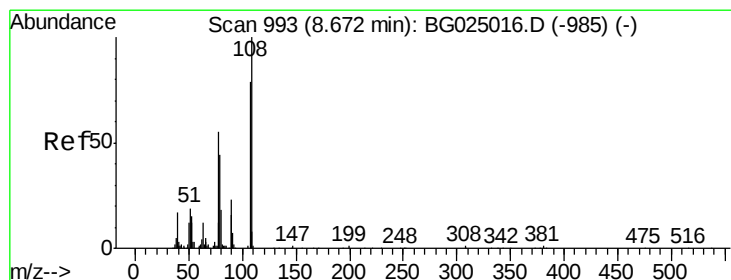
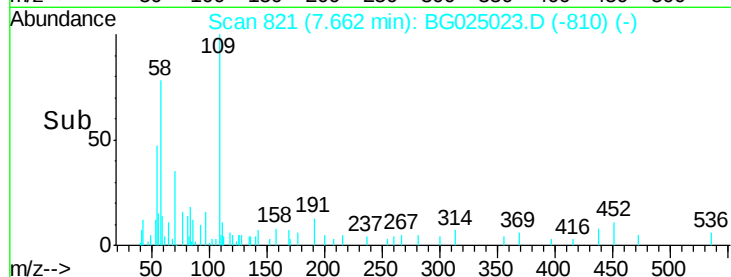
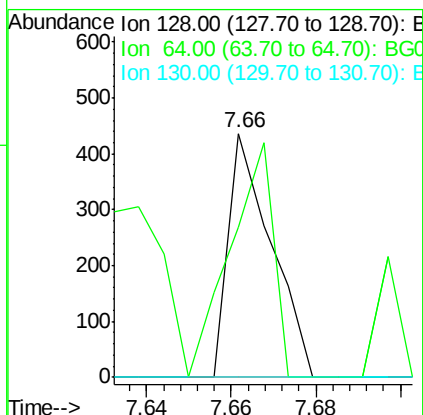
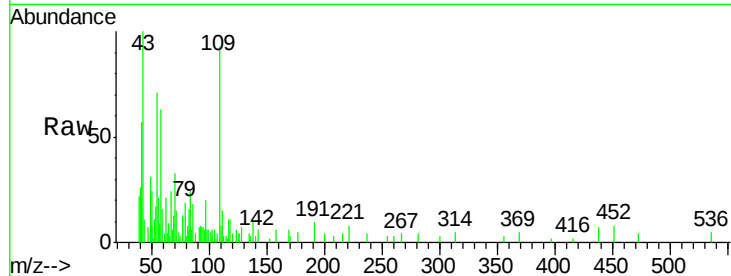




#10
2-Chlorophenol
Concen: 3.52 ng/ul
RT: 7.66 min Scan# 821
Delta R.T. -0.14 min
Lab File: BG025023.D
Acq: 9 Dec 2016 1:52

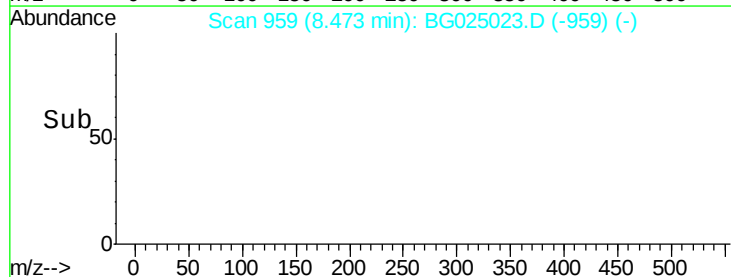
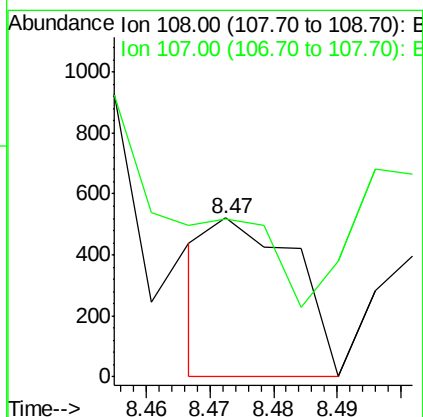
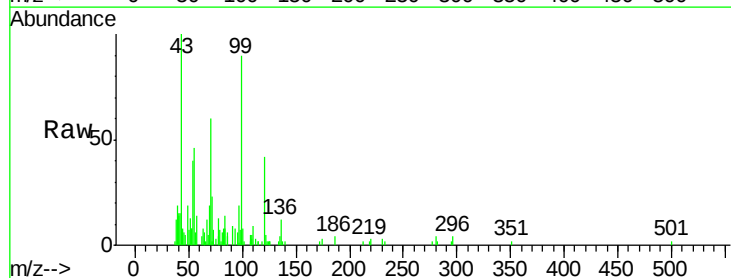
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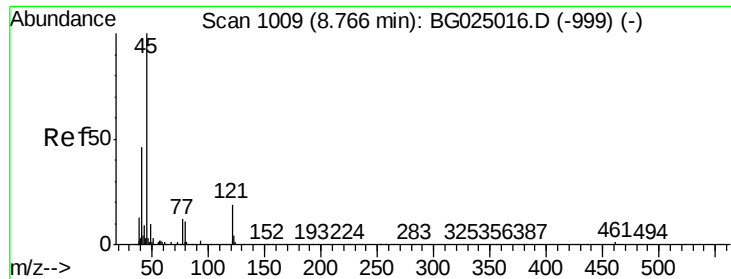
Tgt Ion:128 Resp: 306
Ion Ratio Lower Upper
128 100
64 61.7 56.3 84.5
130 0.0 26.7 40.1#



#11
2-Methylphenol
Concen: 5.16 ng/ul
RT: 8.47 min Scan# 959
Delta R.T. -0.20 min
Lab File: BG025023.D
Acq: 9 Dec 2016 1:52

Tgt Ion:108 Resp: 482
Ion Ratio Lower Upper
108 100
107 99.8 76.7 115.1

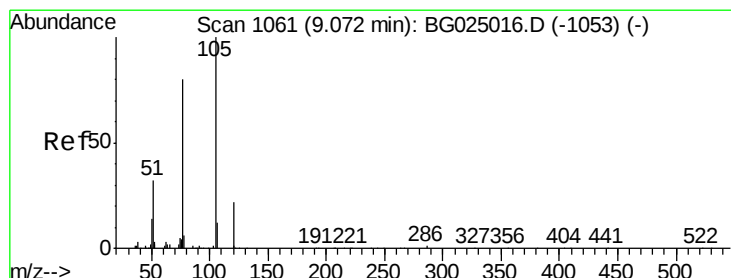
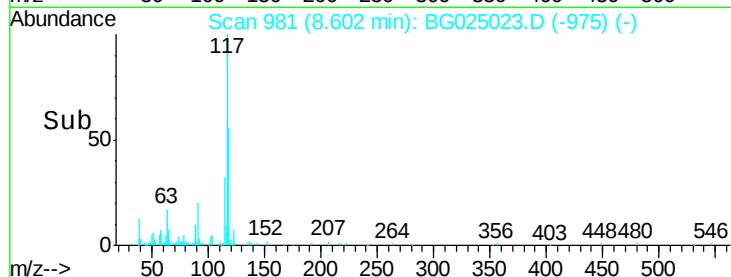
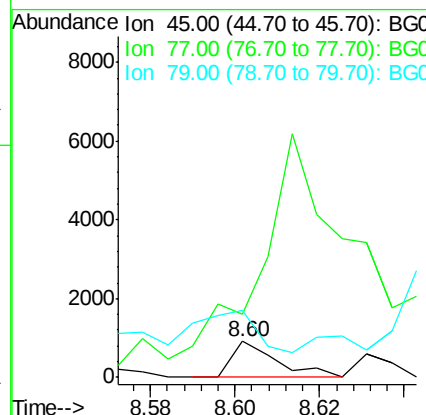
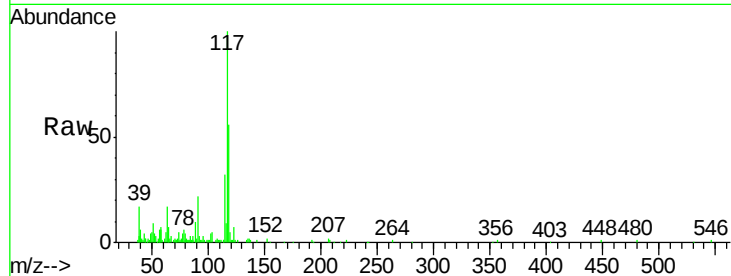




#12
2,2'-oxybis(1-Chloropropane)
Concen: 4.27 ng/ul
RT: 8.60 min Scan# 981
Delta R.T. -0.16 min
Lab File: BG025023.D
Acq: 9 Dec 2016 1:52

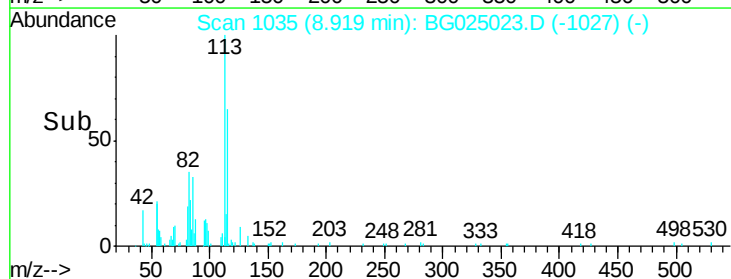
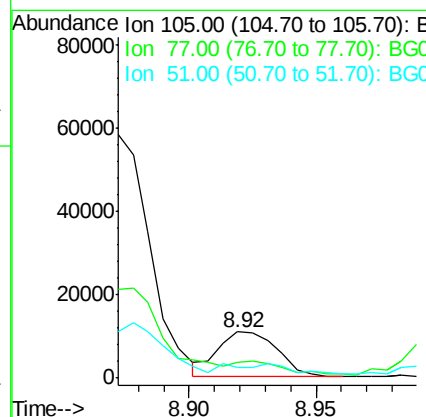
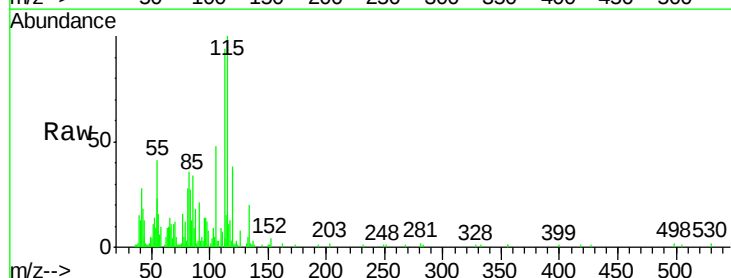
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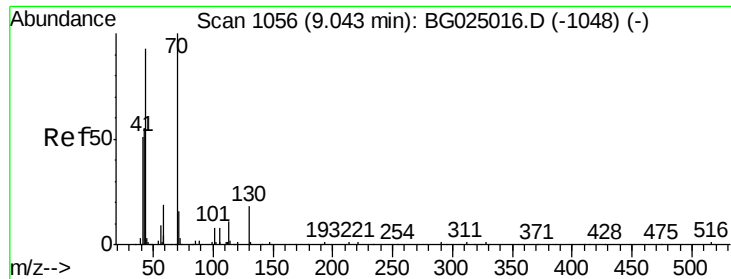
Tgt Ion: 45 Resp: 674
Ion Ratio Lower Upper
45 100
77 178.6 10.0 15.0#
79 187.0 7.3 10.9#



#14
Acetophenone
Concen: 112.80 ng/ul
RT: 8.92 min Scan# 1035
Delta R.T. -0.15 min
Lab File: BG025023.D
Acq: 9 Dec 2016 1:52

Tgt Ion: 105 Resp: 17748
Ion Ratio Lower Upper
105 100
77 34.5 76.0 114.0#
51 22.7 34.8 52.2#

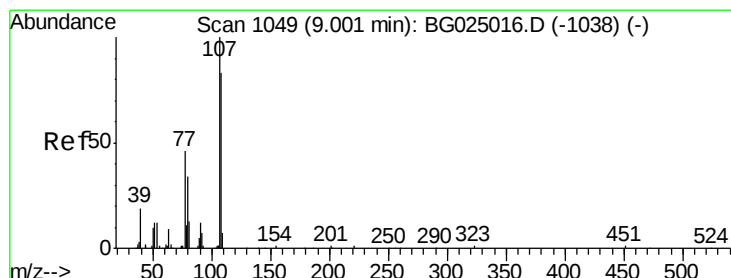
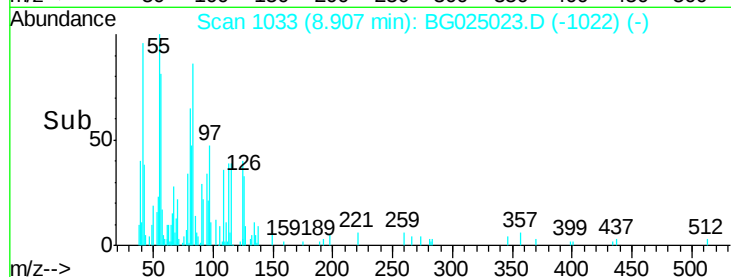
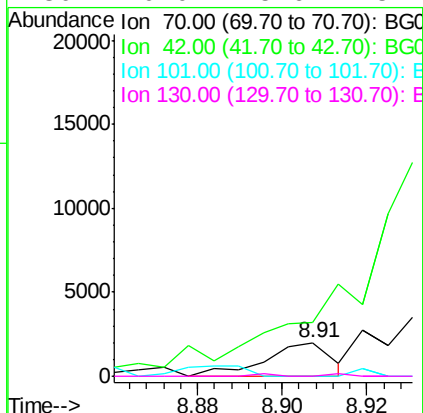
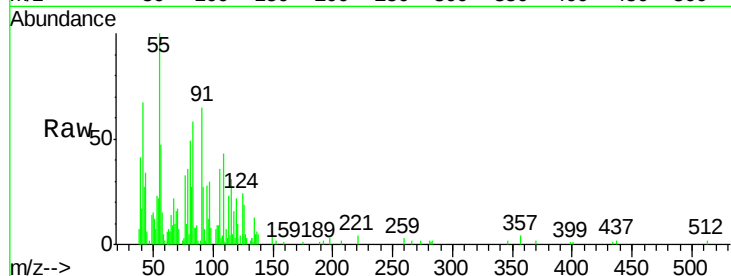




#15
N-Nitroso-di-n-propylamine
Concen: 23.90 ng/ul
RT: 8.91 min Scan# 1033
Delta R.T. -0.14 min
Lab File: BG025023.D
Acq: 9 Dec 2016 1:52

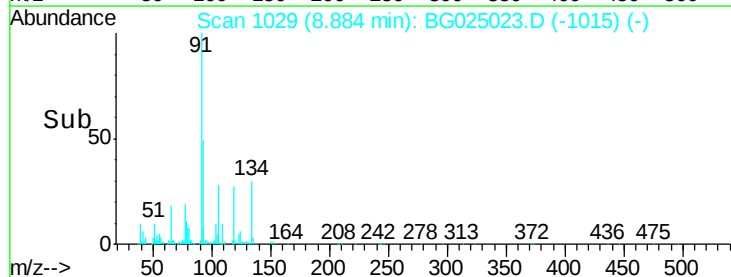
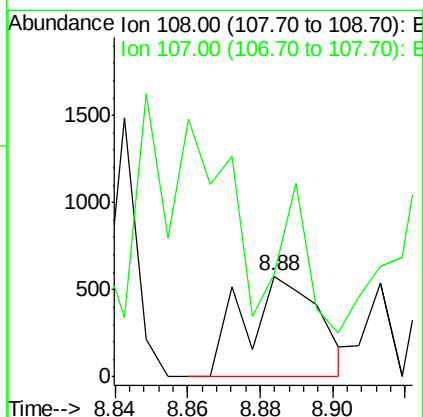
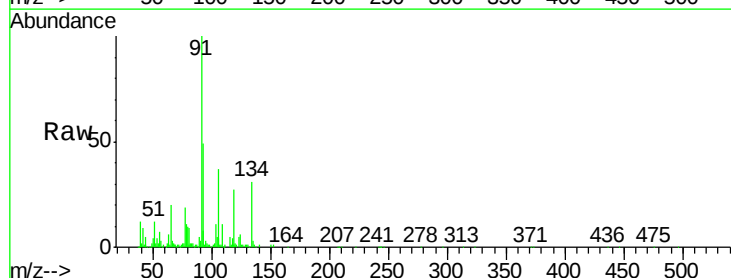
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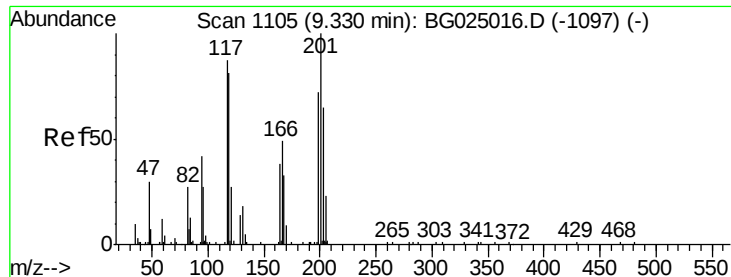
Tgt Ion: 70 Resp: 2172
Ion Ratio Lower Upper
70 100
42 159.5 59.0 88.6#
101 0.0 6.6 9.8#
130 0.0 15.6 23.4#



#16
4-Methylphenol
Concen: 7.88 ng/ul
RT: 8.88 min Scan# 1029
Delta R.T. -0.12 min
Lab File: BG025023.D
Acq: 9 Dec 2016 1:52

Tgt Ion: 108 Resp: 820
Ion Ratio Lower Upper
108 100
107 102.6 91.7 137.5





#17

Hexachloroethane

Concen: 473.03 ng/ul

RT: 9.19 min Scan# 1081

Delta R.T. -0.14 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

Instrument :

BNA_G

ClientSampled :

DA7Z1

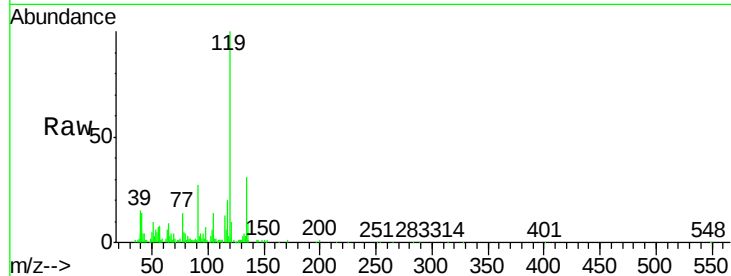
Tgt Ion: 117 Resp: 18226

Ion Ratio Lower Upper

117 100

201 0.0 91.9 137.9#

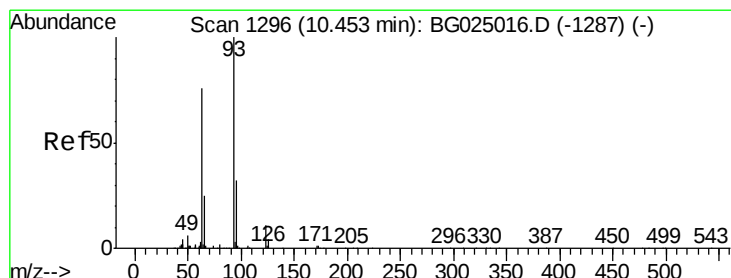
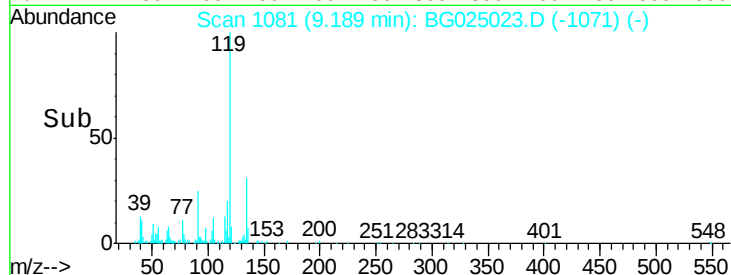
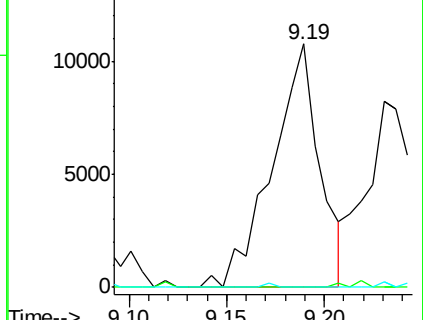
199 0.0 64.3 96.5#



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



#25

Bis(2-Chloroethoxy)methane

Concen: 9.47 ng/ul

RT: 10.25 min Scan# 1262

Delta R.T. -0.20 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

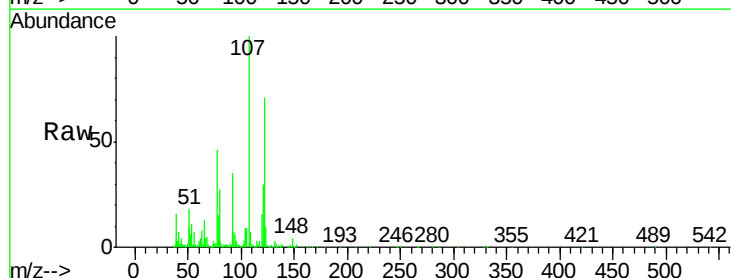
Tgt Ion: 93 Resp: 15064

Ion Ratio Lower Upper

93 100

95 47.7 23.4 35.0#

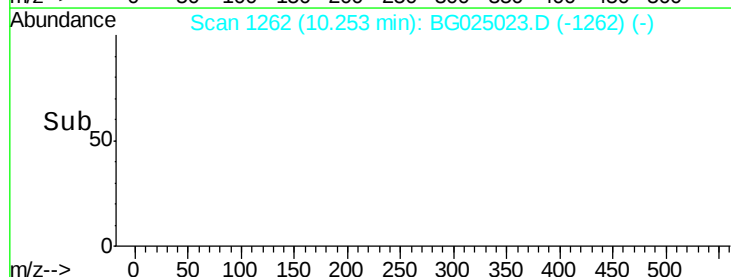
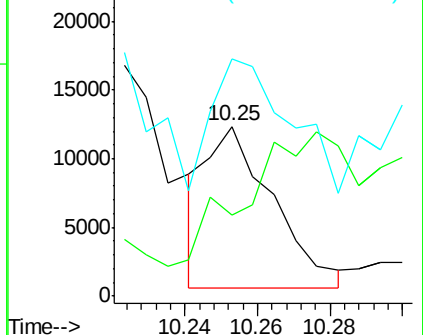
123 140.3 7.8 11.6#

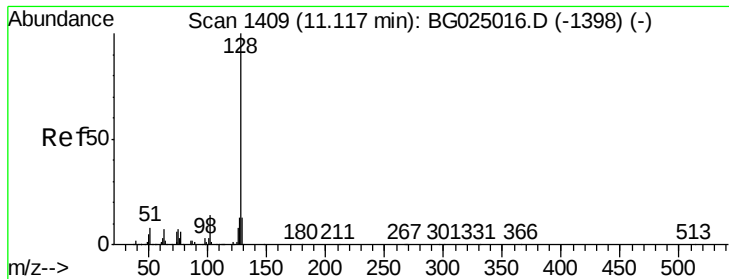


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

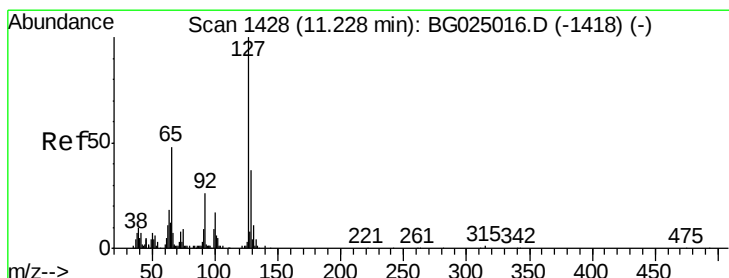
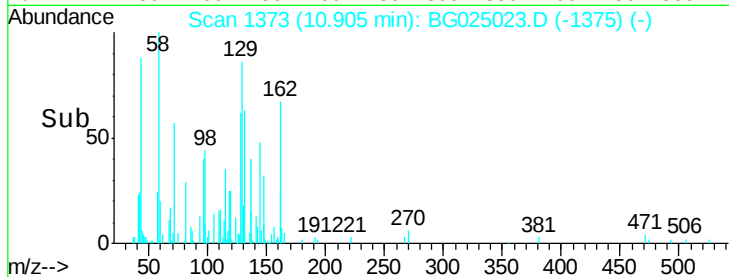
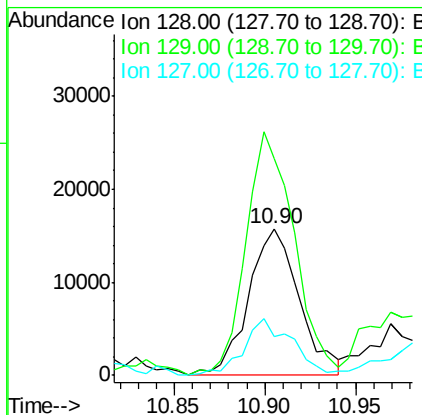
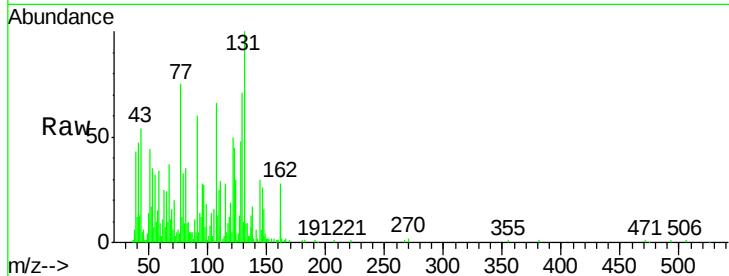




#28
Naphthalene
Concen: 8.79 ng/ul
RT: 10.90 min Scan# 1373
Delta R.T. -0.21 min
Lab File: BG025023.D
Acq: 9 Dec 2016 1:52

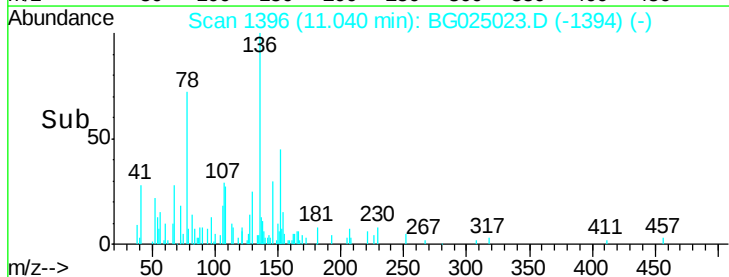
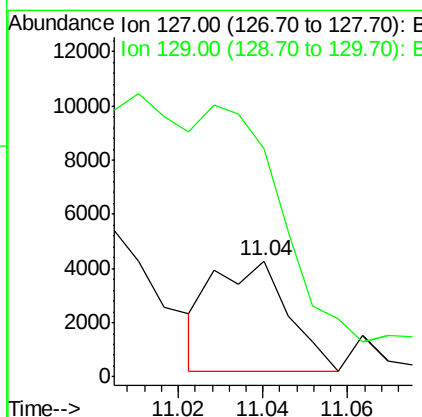
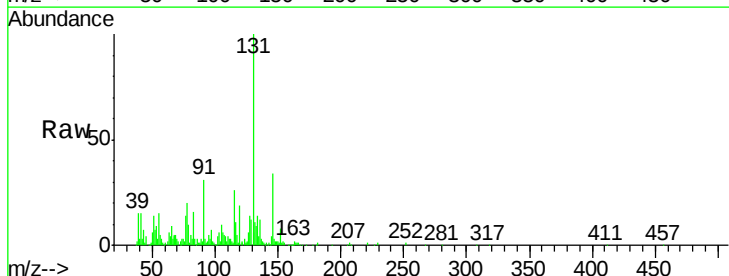
Instrument :
BNA_G
ClientSampleId :
DA7Z1

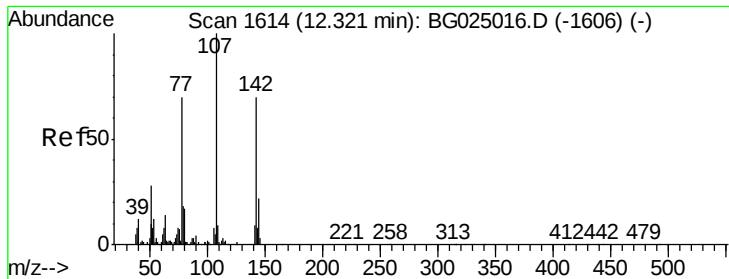
Tgt Ion:128 Resp: 30962
Ion Ratio Lower Upper
128 100
129 147.7 9.4 14.2#
127 26.5 10.3 15.5#



#30
4-Chloroaniline
Concen: 3.82 ng/ul
RT: 11.04 min Scan# 1396
Delta R.T. -0.19 min
Lab File: BG025023.D
Acq: 9 Dec 2016 1:52

Tgt Ion:127 Resp: 4941
Ion Ratio Lower Upper
127 100
129 197.3 28.9 43.3#

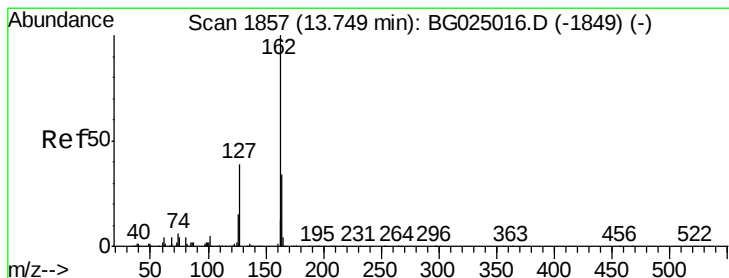
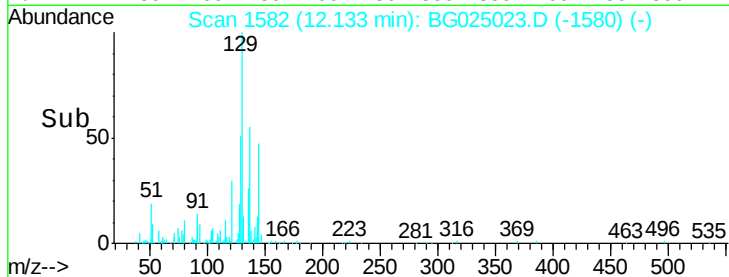
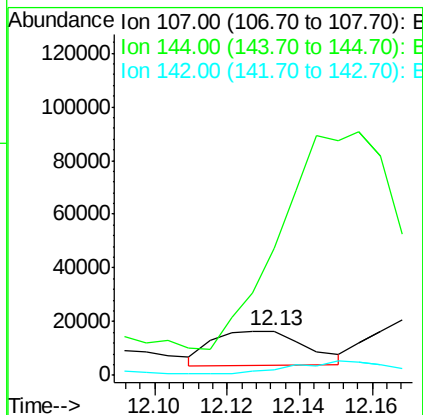
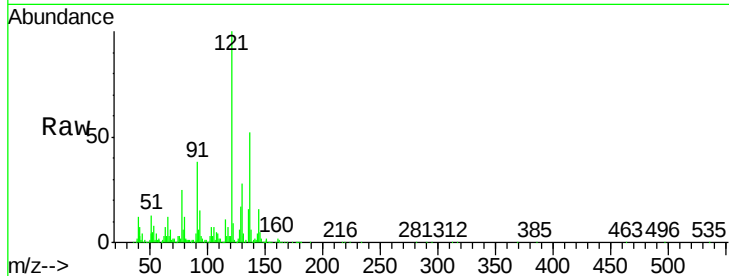




#33
 4-Chloro-3-methylphenol
 Concen: 14.78 ng/ul
 RT: 12.13 min Scan# 1582
 Delta R.T. -0.19 min
 Lab File: BG025023.D
 Acq: 9 Dec 2016 1:52

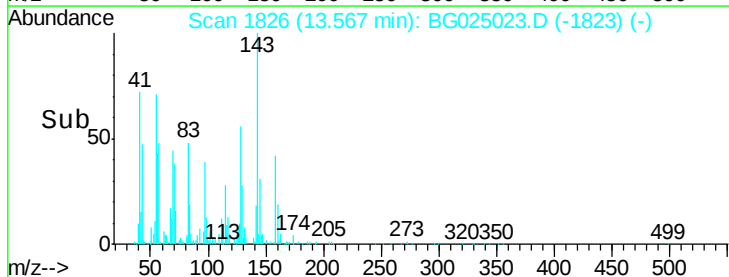
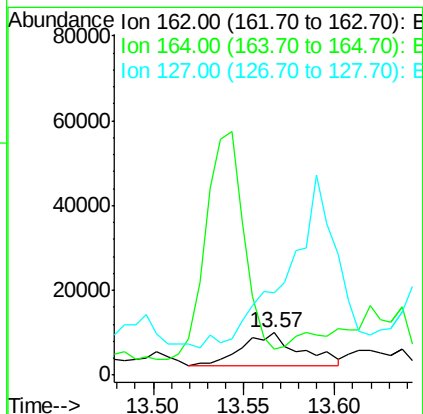
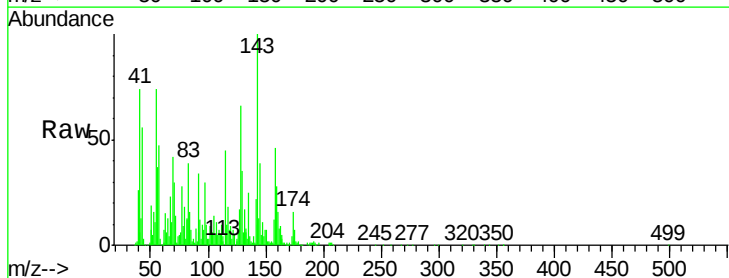
Instrument :
 BNA_G
 ClientSampleId :
 DA7Z1

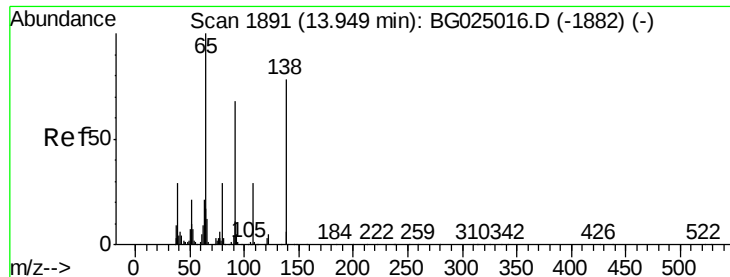
Tgt Ion:107 Resp: 22759
 Ion Ratio Lower Upper
 107 100
 144 287.1 18.2 27.4#
 142 11.8 55.0 82.4#



#41
 2-Chloronaphthalene
 Concen: 22.99 ng/ul
 RT: 13.57 min Scan# 1826
 Delta R.T. -0.18 min
 Lab File: BG025023.D
 Acq: 9 Dec 2016 1:52

Tgt Ion:162 Resp: 17458
 Ion Ratio Lower Upper
 162 100
 164 61.7 25.0 37.6#
 127 195.8 30.7 46.1#





#42

2-Nitroaniline

Concen: 69.33 ng/ul

RT: 13.75 min Scan# 1857

Delta R.T. -0.20 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

Instrument :

BNA_G

ClientSampleId :

DA7Z1

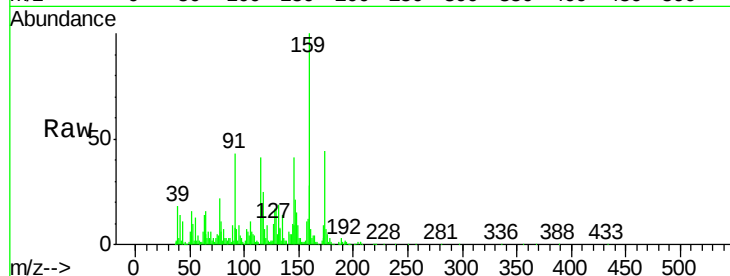
Tgt Ion: 65 Resp: 20604

Ion Ratio Lower Upper

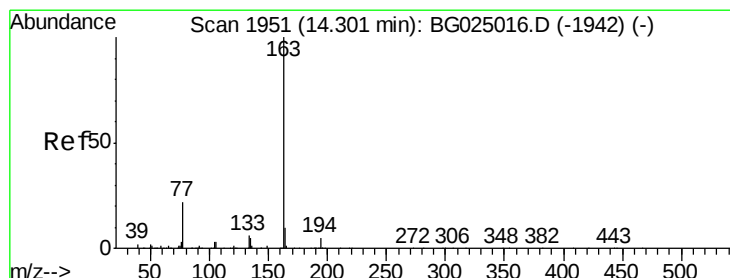
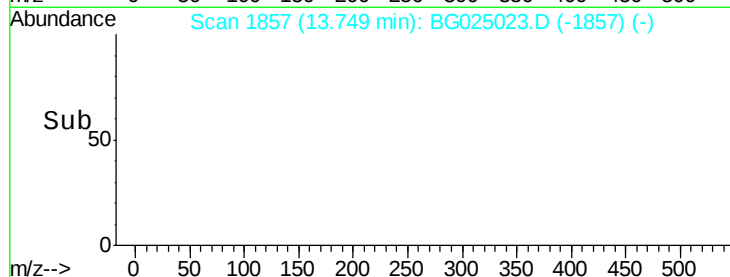
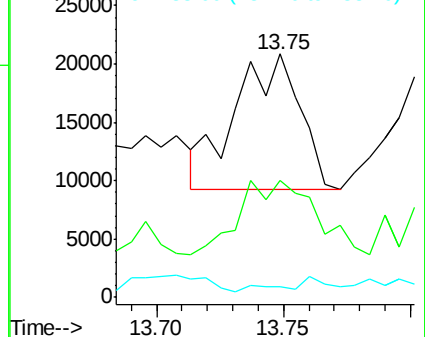
65 100

92 48.0 50.9 76.3#

138 4.4 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: 2.98 ng/ul

RT: 14.07 min Scan# 1911

Delta R.T. -0.24 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

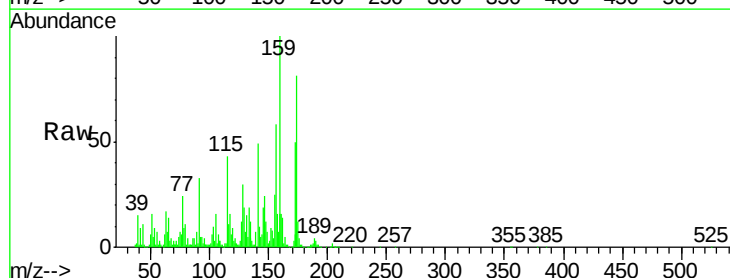
Tgt Ion: 163 Resp: 3164

Ion Ratio Lower Upper

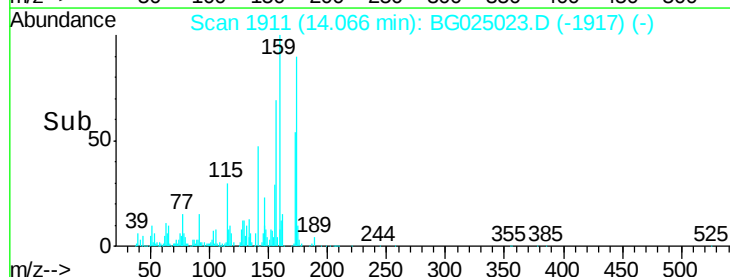
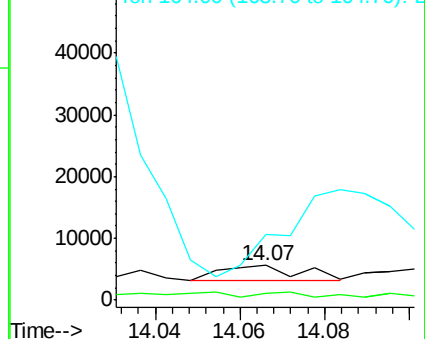
163 100

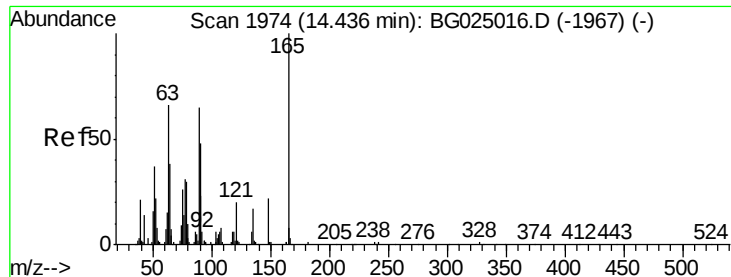
194 20.3 3.4 5.0#

164 190.1 9.0 13.4#



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

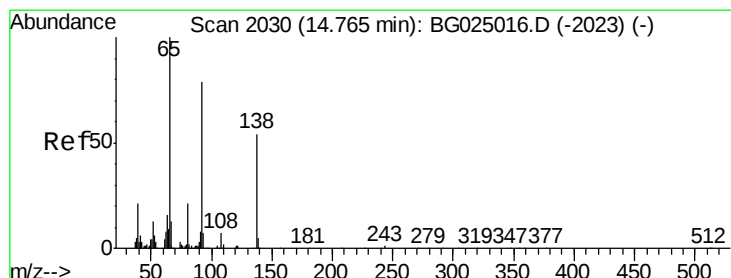
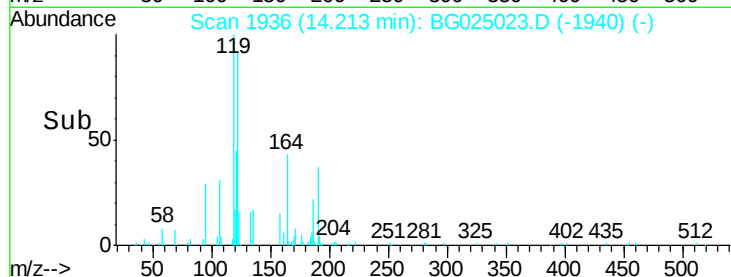
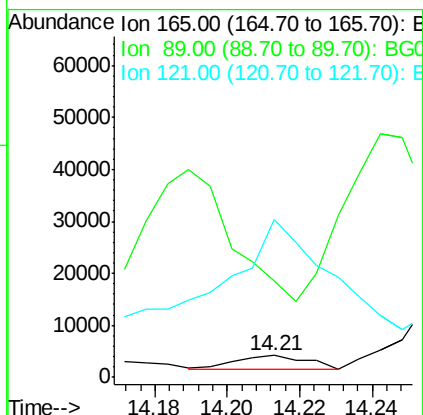
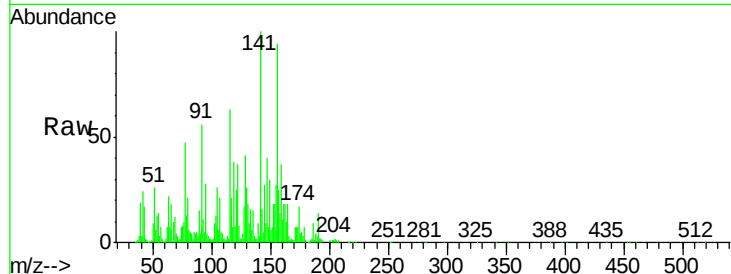




#45
 2,6-Dinitrotoluene
 Concen: 15.28 ng/ul
 RT: 14.21 min Scan# 1936
 Delta R.T. -0.22 min
 Lab File: BG025023.D
 Acq: 9 Dec 2016 1:52

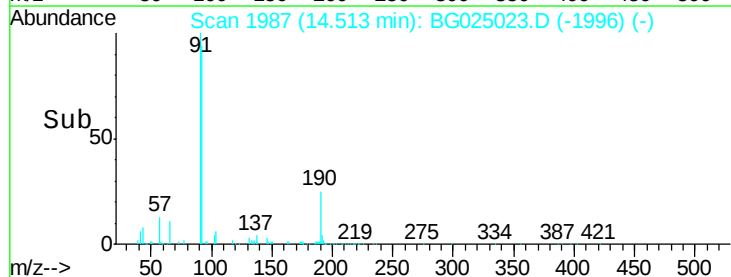
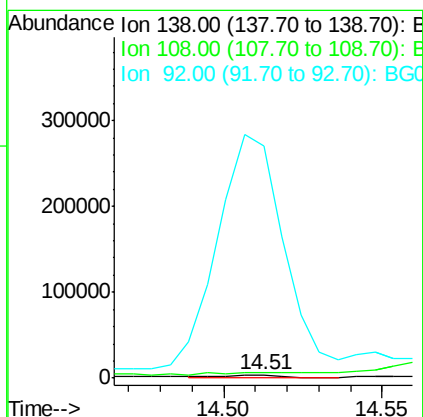
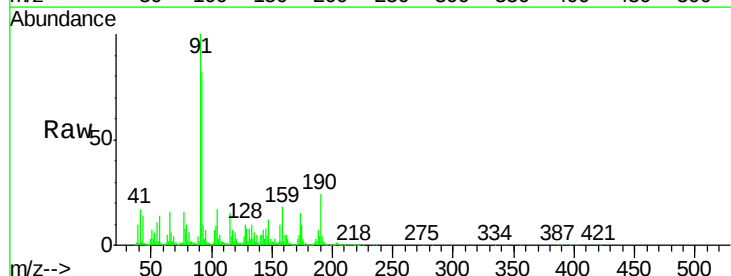
Instrument :
 BNA_G
 ClientSampleId :
 DA7Z1

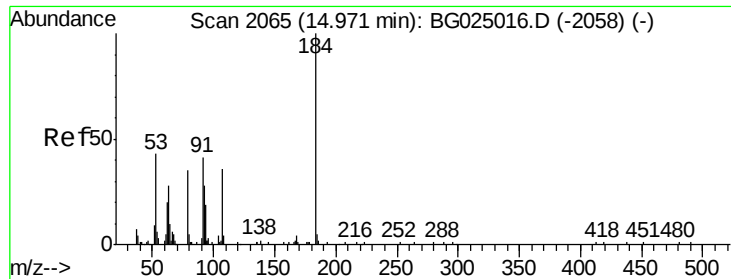
Tgt Ion:165 Resp: 3492
 Ion Ratio Lower Upper
 165 100
 89 442.7 52.9 79.3#
 121 724.0 22.2 33.4#



#48
 3-Nitroaniline
 Concen: 16.03 ng/ul
 RT: 14.51 min Scan# 1987
 Delta R.T. -0.25 min
 Lab File: BG025023.D
 Acq: 9 Dec 2016 1:52

Tgt Ion:138 Resp: 3173
 Ion Ratio Lower Upper
 138 100
 108 157.8 6.3 9.5#
 92 6465.7 106.4 159.6#

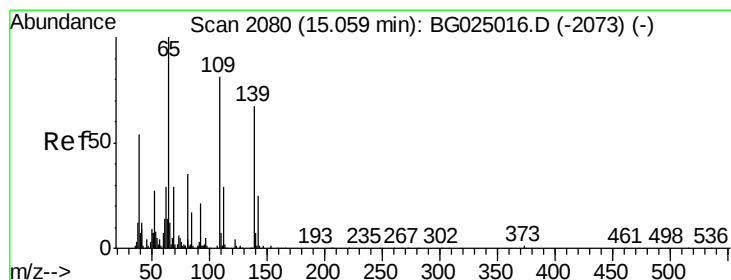
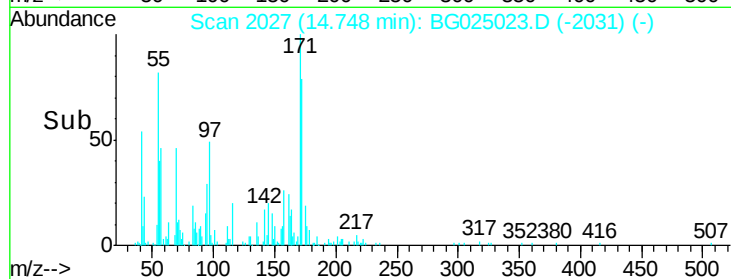
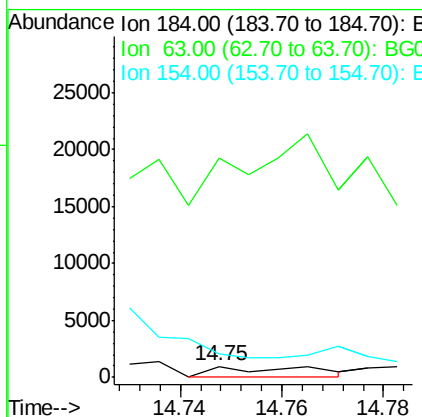
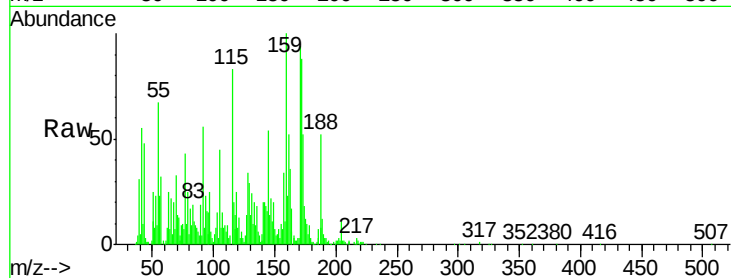




#50
2,4-Dinitrophenol
Concen: 8.38 ng/ul
RT: 14.75 min Scan# 2027
Delta R.T. -0.22 min
Lab File: BG025023.D
Acq: 9 Dec 2016 1:52

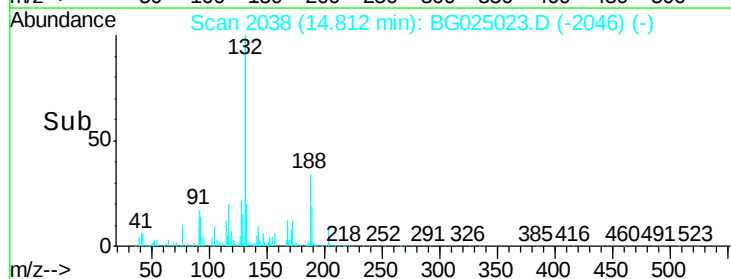
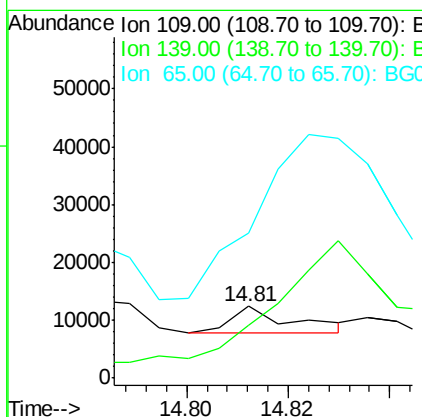
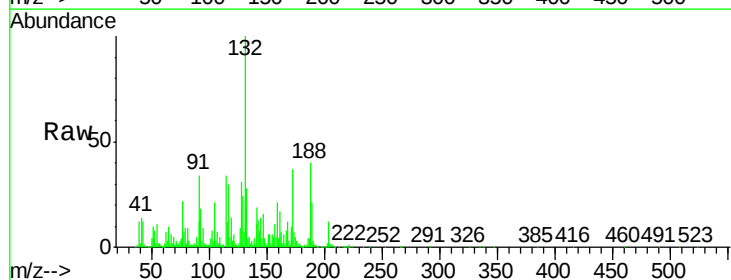
Instrument :
BNA_G
ClientSampleId :
DA7Z1

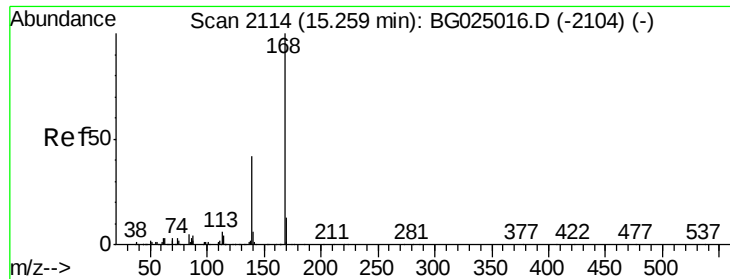
Tgt Ion:184 Resp: 1244
Ion Ratio Lower Upper
184 100
63 1953.5 65.1 97.7#
154 211.5 68.2 102.4#



#52
4-Nitrophenol
Concen: 18.32 ng/ul
RT: 14.81 min Scan# 2038
Delta R.T. -0.25 min
Lab File: BG025023.D
Acq: 9 Dec 2016 1:52

Tgt Ion:109 Resp: 4097
Ion Ratio Lower Upper
109 100
139 73.4 62.6 93.8
65 201.7 90.4 135.6#





#53

Dibenzenofuran

Concen: 6.68 ng/ul

RT: 15.00 min Scan# 2070

Delta R.T. -0.26 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

Instrument :

BNA_G

ClientSampleId :

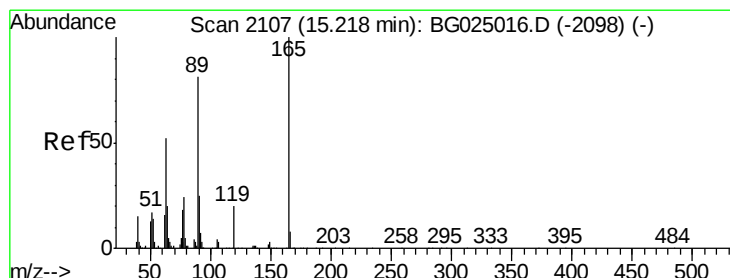
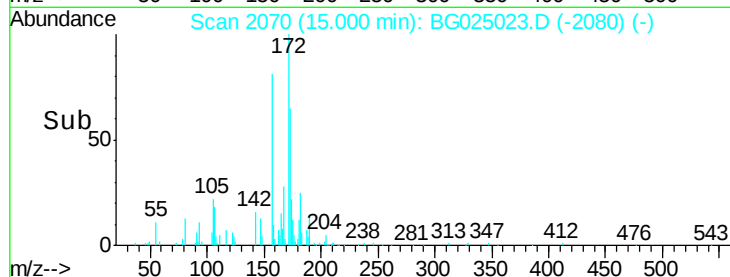
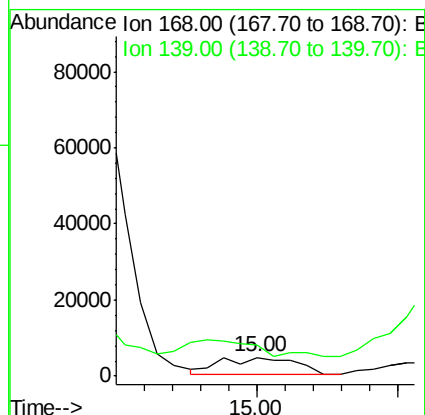
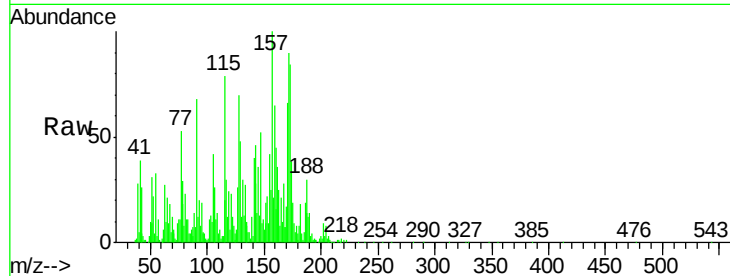
DA7Z1

Tgt Ion:168 Resp: 8344

Ion Ratio Lower Upper

168 100

139 167.7 33.8 50.8#



#54

2,4-Dinitrotoluene

Concen: 55.59 ng/ul

RT: 15.01 min Scan# 2071

Delta R.T. -0.21 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

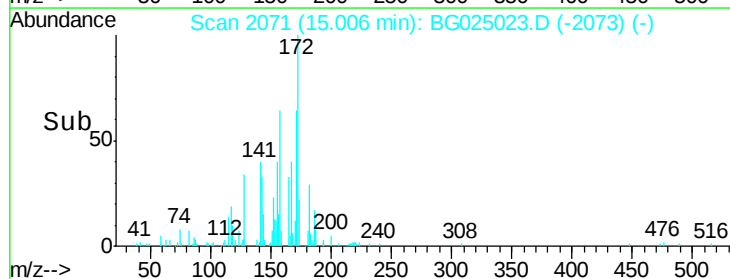
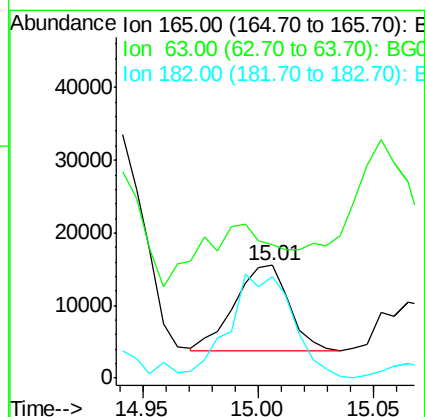
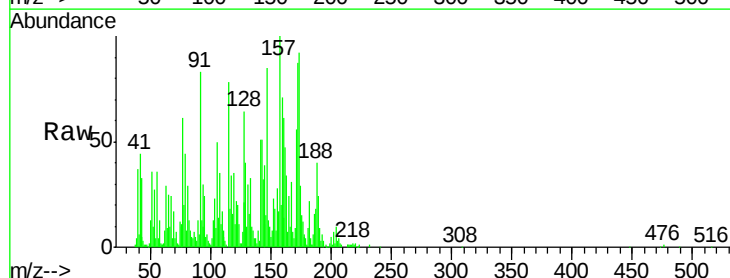
Tgt Ion:165 Resp: 19143

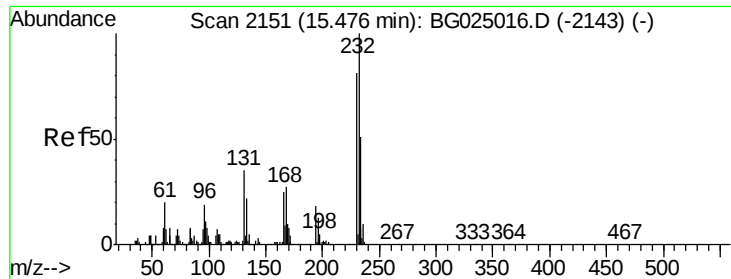
Ion Ratio Lower Upper

165 100

63 118.3 46.8 70.2#

182 89.7 1.8 2.6#





#55

2,3,4,6-Tetrachlorophenol

Concen: 3.08 ng/ul

RT: 15.25 min Scan# 2112

Delta R.T. -0.23 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

Instrument :

BNA_G

ClientSampleId :

DA7Z1

Tgt Ion:232 Resp: 1061

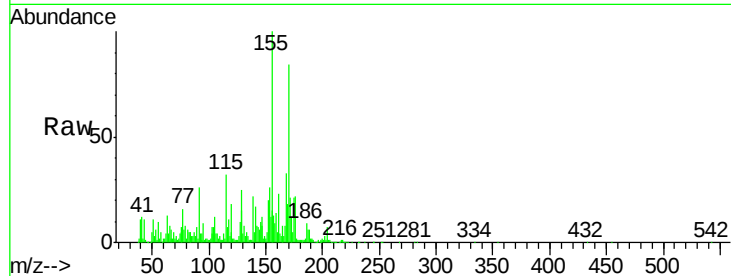
Ion Ratio Lower Upper

232 100

131 2814.0 33.3 49.9#

130 1328.5 1.8 2.6#

166 988.3 21.9 32.9#

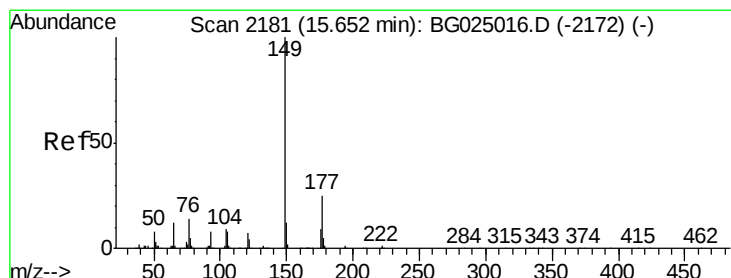
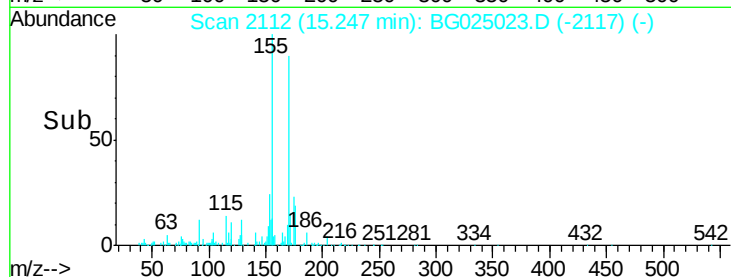
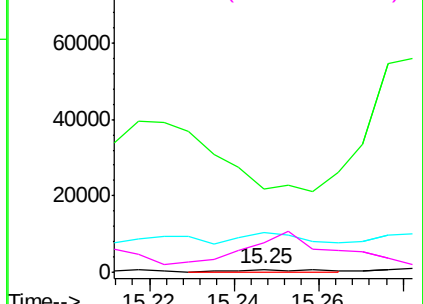


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#56

Diethylphthalate

Concen: 8.36 ng/ul

RT: 15.42 min Scan# 2142

Delta R.T. -0.23 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

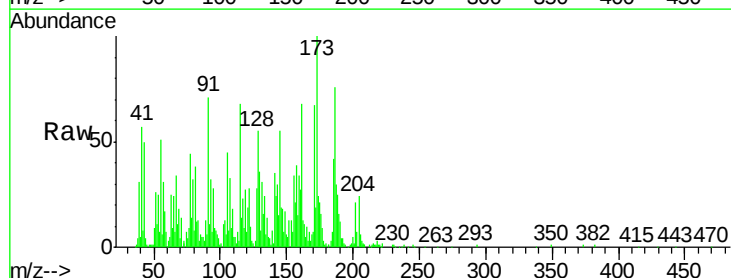
Tgt Ion:149 Resp: 9416

Ion Ratio Lower Upper

149 100

177 53.0 17.8 26.8#

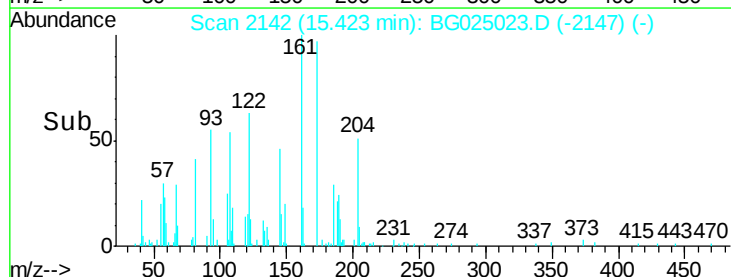
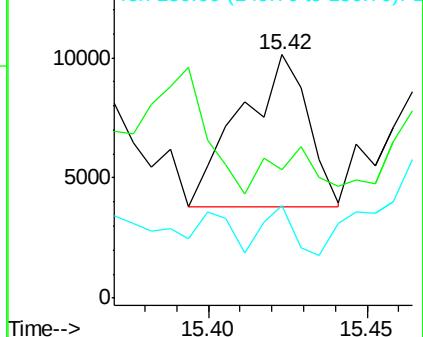
150 38.1 10.2 15.4#

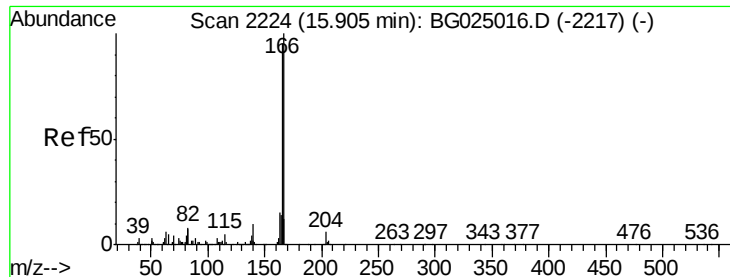


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#58

Fluorene

Concen: 8.38 ng/ul

RT: 15.67 min Scan# 2184

Delta R.T. -0.24 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

Instrument :

BNA_G

ClientSampleId :

DA7Z1

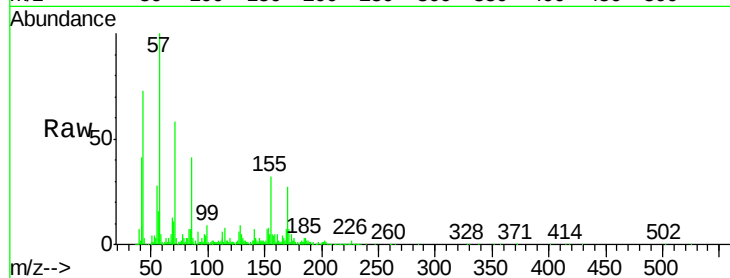
Tgt Ion:166 Resp: 8515

Ion Ratio Lower Upper

166 100

165 220.8 79.7 119.5#

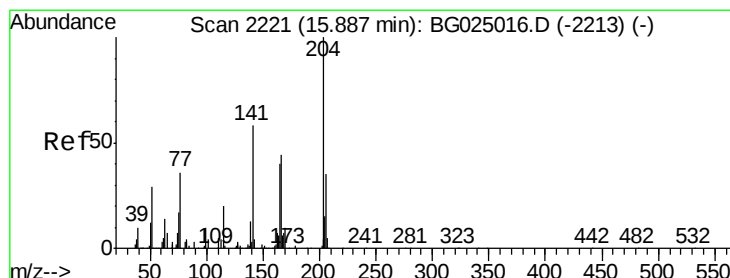
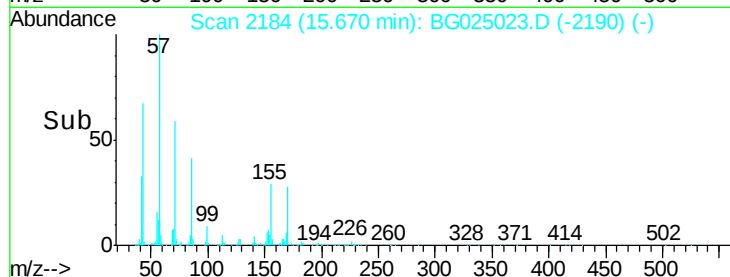
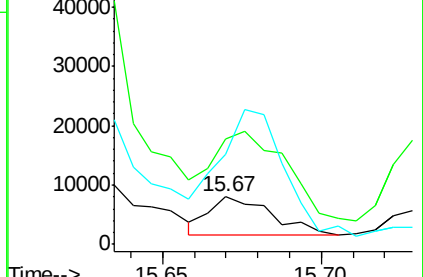
167 190.0 11.4 17.2#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

4-Chlorophenyl-phenylether

Concen: 2.68 ng/ul

RT: 15.65 min Scan# 2180

Delta R.T. -0.24 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

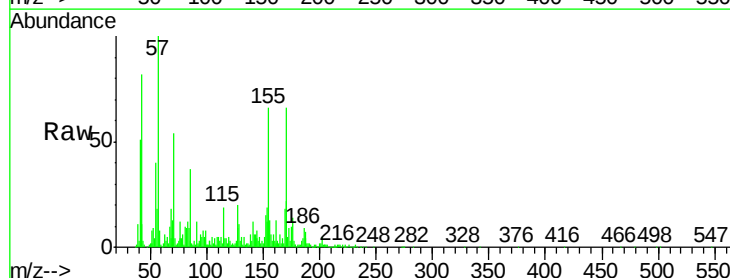
Tgt Ion:204 Resp: 1535

Ion Ratio Lower Upper

204 100

206 45.7 32.3 48.5

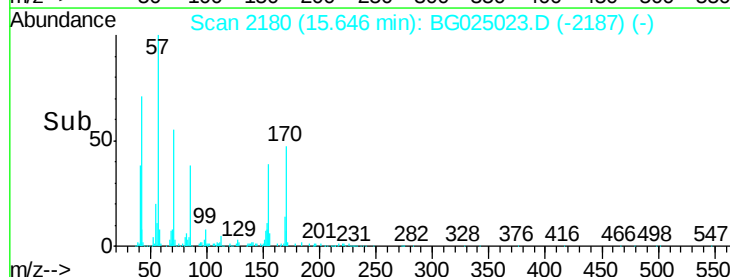
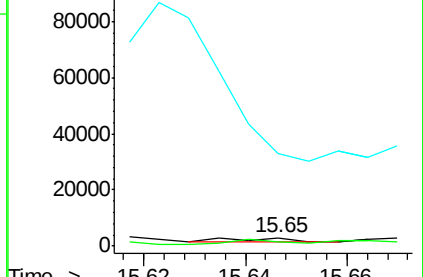
141 1077.9 57.5 86.3#

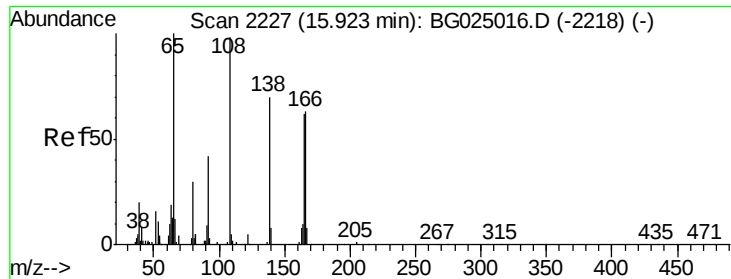


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

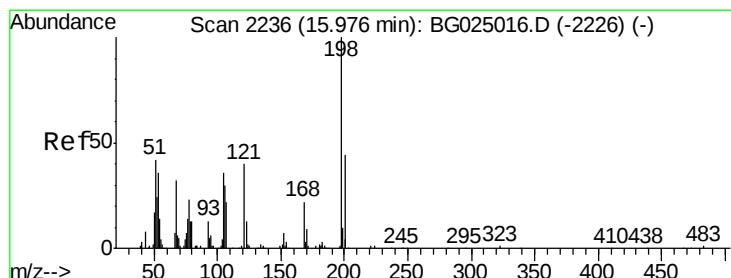
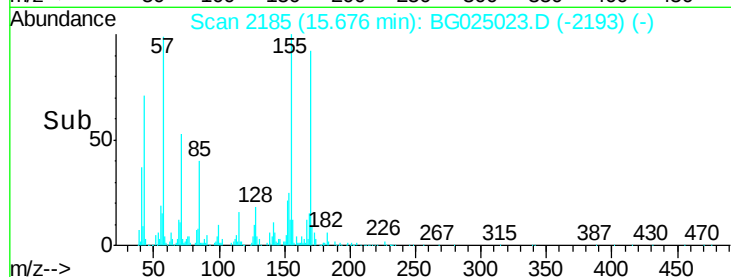
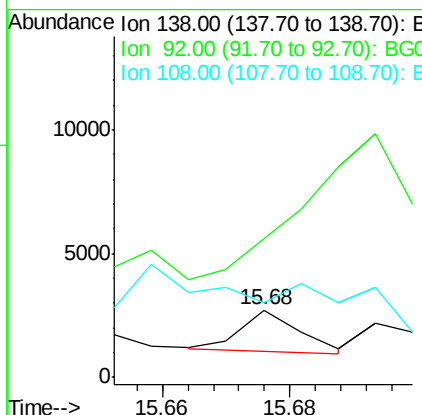
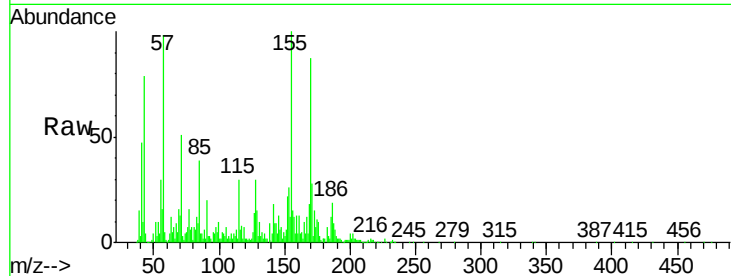




#60
4-Nitroaniline
Concen: 4.43 ng/ul
RT: 15.68 min Scan# 2185
Delta R.T. -0.25 min
Lab File: BG025023.D
Acq: 9 Dec 2016 1:52

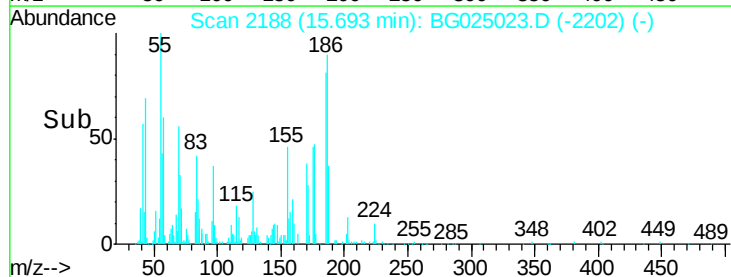
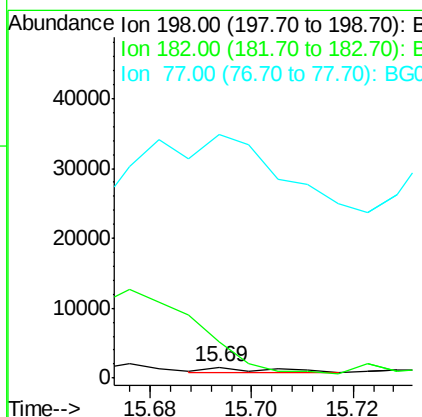
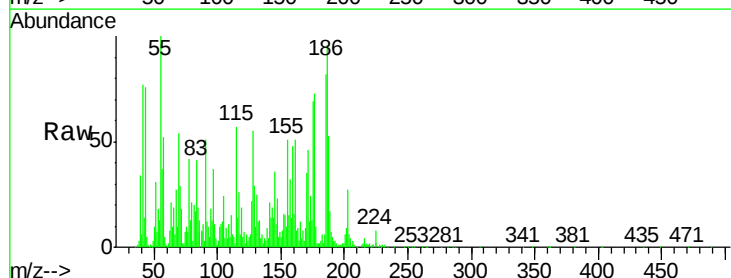
Instrument :
BNA_G
ClientSampleId :
DA7Z1

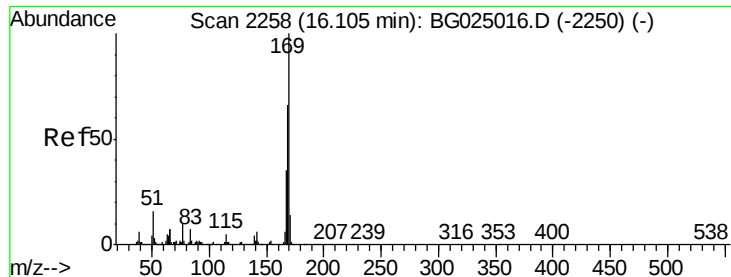
Tgt Ion:138 Resp: 1057
Ion Ratio Lower Upper
138 100
92 206.1 56.9 85.3#
108 111.3 104.9 157.3



#63
4,6-Dinitro-2-methylphenol
Concen: 24.14 ng/ul
RT: 15.69 min Scan# 2188
Delta R.T. -0.28 min
Lab File: BG025023.D
Acq: 9 Dec 2016 1:52

Tgt Ion:198 Resp: 724
Ion Ratio Lower Upper
198 100
182 332.8 5.8 6.4#
77 2263.8 22.1 33.9#





#64

N-Nitrosodiphenylamine

Concen: 310.76 ng/ul

RT: 15.86 min Scan# 2216

Delta R.T. -0.25 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

Instrument :

BNA_G

ClientSampleId :

DA7Z1

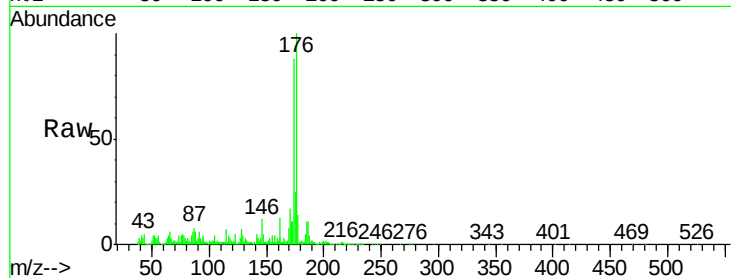
Tgt Ion:169 Resp: 37440

Ion Ratio Lower Upper

169 100

168 19.4 59.1 88.7#

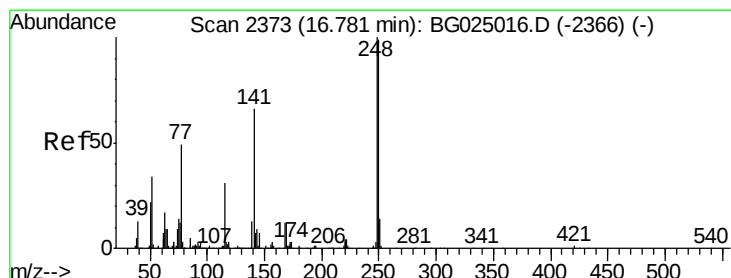
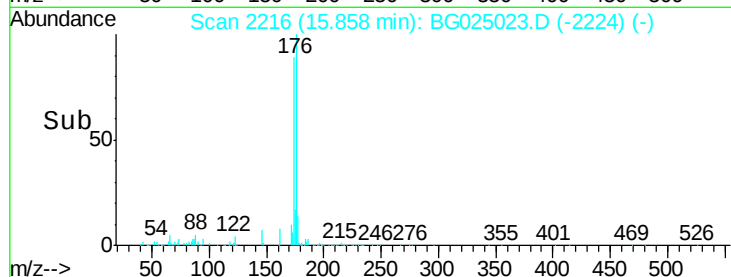
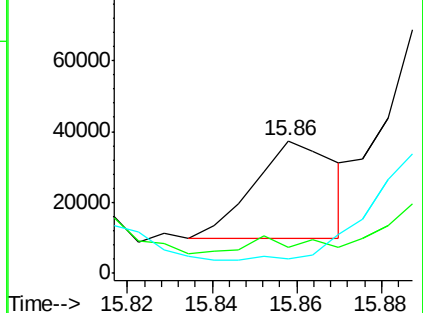
167 10.5 29.7 44.5#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#65

4-Bromophenyl-phenylether

Concen: 4.69 ng/ul

RT: 16.51 min Scan# 2327

Delta R.T. -0.27 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

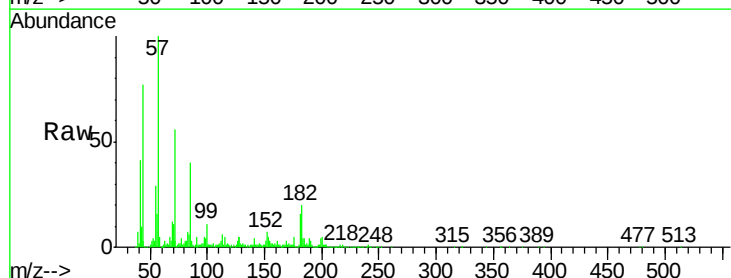
Tgt Ion:248 Resp: 248

Ion Ratio Lower Upper

248 100

250 0.0 71.9 107.9#

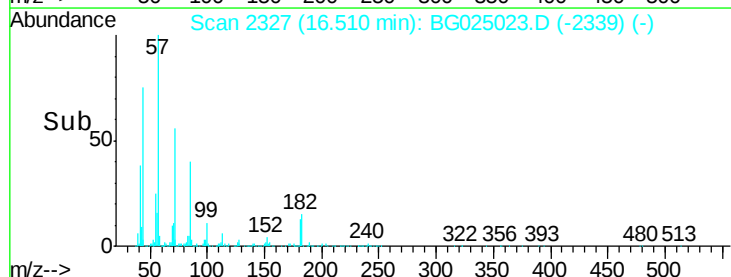
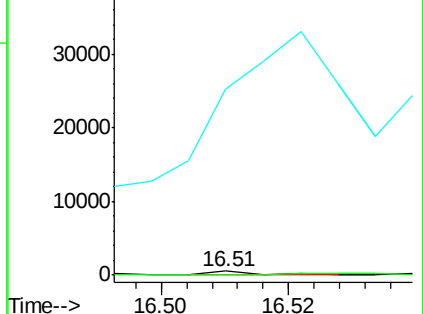
141 4710.4 53.8 80.8#

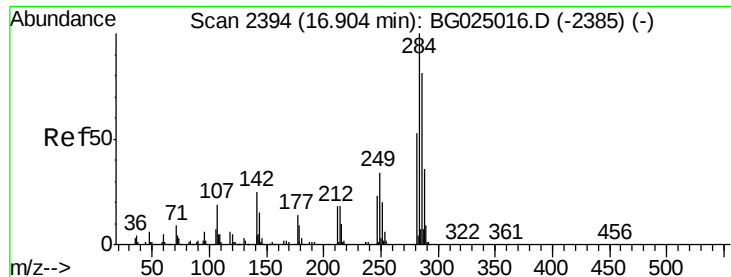


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#66

Hexachlorobenzene

Concen: 2.57 ng/ul

RT: 16.66 min Scan# 2352

Delta R.T. -0.25 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

Instrument :

BNA_G

ClientSampleId :

DA7Z1

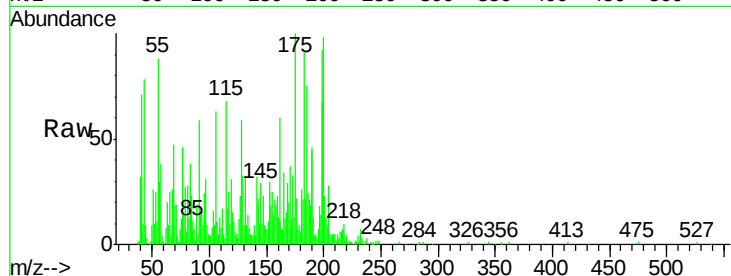
Tgt Ion:284 Resp: 153

Ion Ratio Lower Upper

284 100

142 3034.7 26.1 39.1#

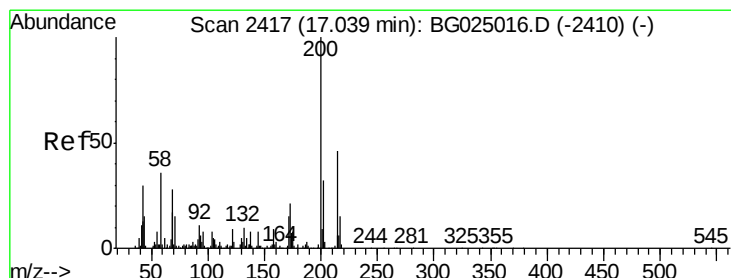
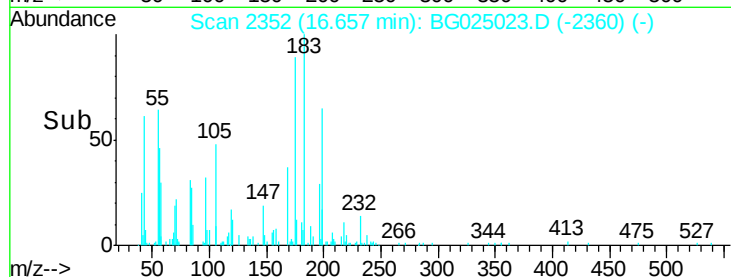
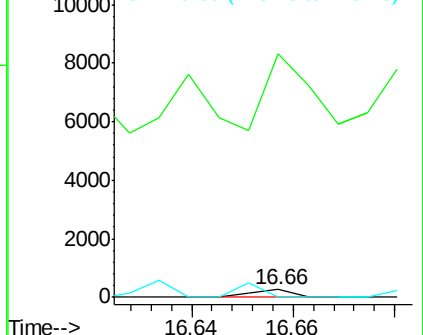
249 0.0 25.9 38.9#



Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#67

Atrazine

Concen: 264.73 ng/ul

RT: 16.76 min Scan# 2370

Delta R.T. -0.28 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

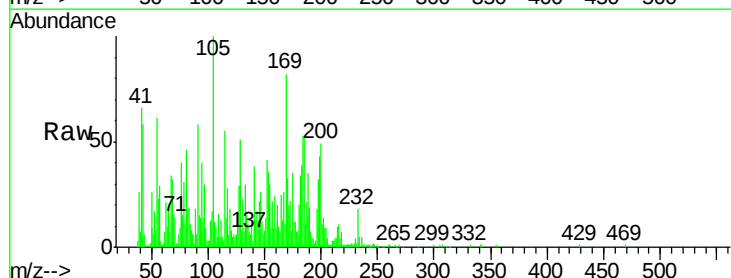
Tgt Ion:200 Resp: 15162

Ion Ratio Lower Upper

200 100

173 44.6 19.2 28.8#

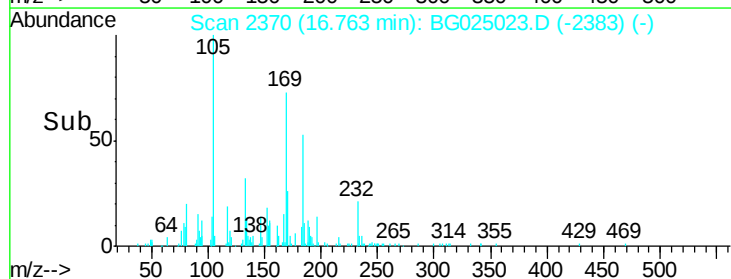
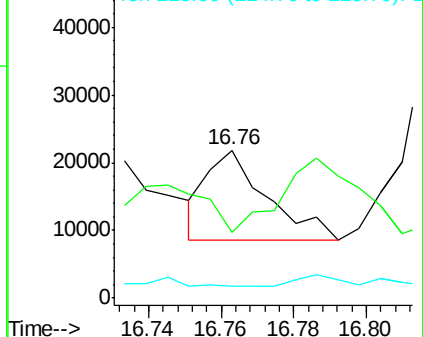
215 8.1 40.3 60.5#

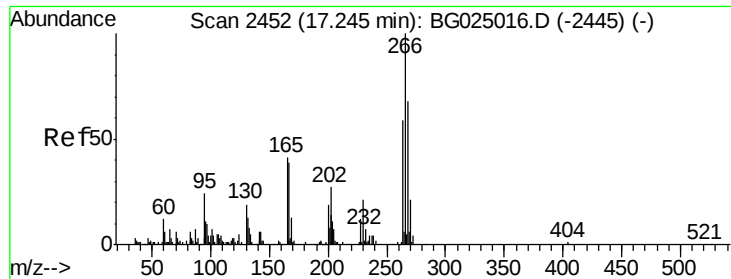


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

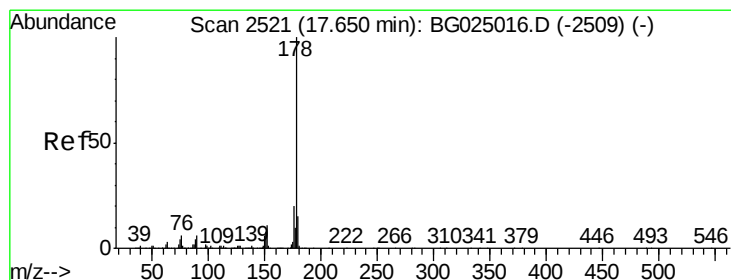
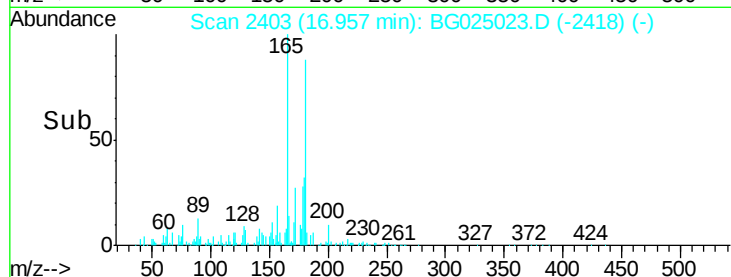
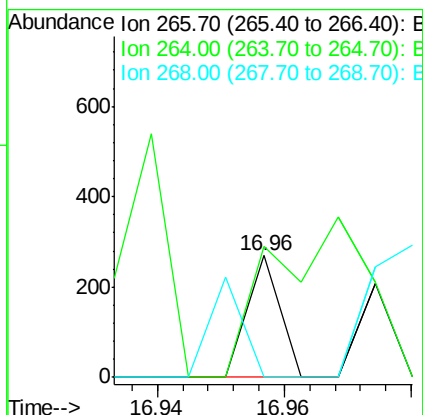
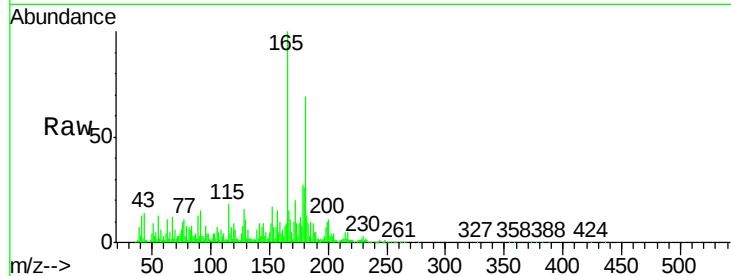




#68
 Pentachlorophenol
 Concen: 2.66 ng/ul
 RT: 16.96 min Scan# 2403
 Delta R.T. -0.29 min
 Lab File: BG025023.D
 Acq: 9 Dec 2016 1:52

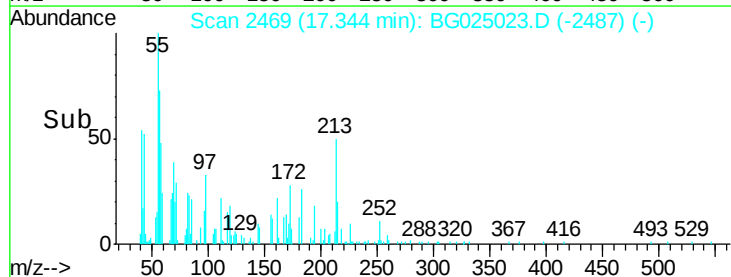
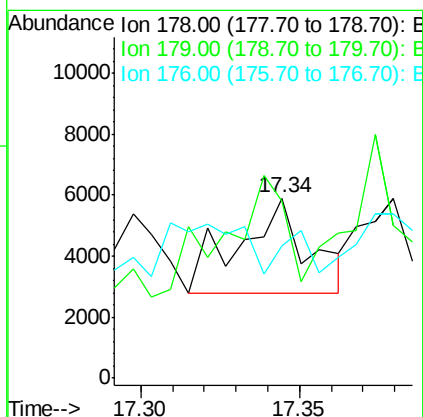
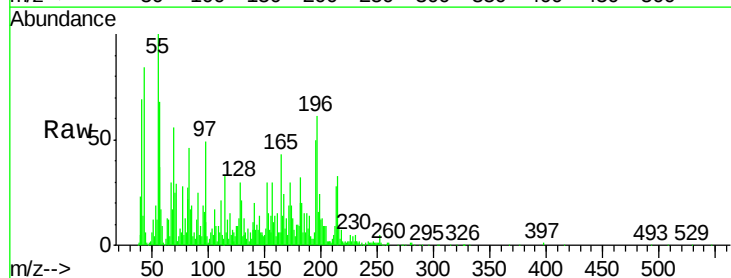
Instrument :
 BNA_G
 ClientSampleID :
 DA7Z1

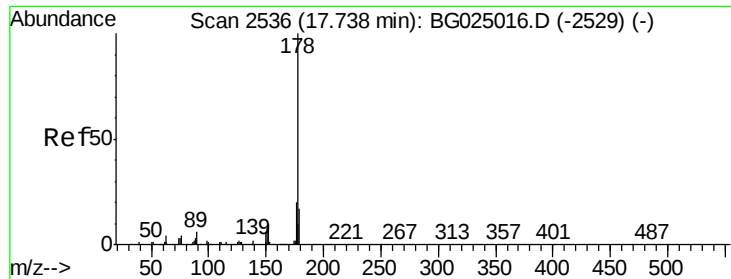
Tgt Ion: 266 Resp: 95
 Ion Ratio Lower Upper
 266 100
 264 107.0 47.1 70.7#
 268 0.0 56.2 84.4#



#69
 Phenanthrene
 Concen: 21.39 ng/ul
 RT: 17.34 min Scan# 2469
 Delta R.T. -0.31 min
 Lab File: BG025023.D
 Acq: 9 Dec 2016 1:52

Tgt Ion: 178 Resp: 4782
 Ion Ratio Lower Upper
 178 100
 179 98.0 12.4 18.6#
 176 73.4 16.5 24.7#





#71

Anthracene

Concen: 34.43 ng/ul

RT: 17.44 min Scan# 2485

Delta R.T. -0.30 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

Instrument :

BNA_G

ClientSampleId :

DA7Z1

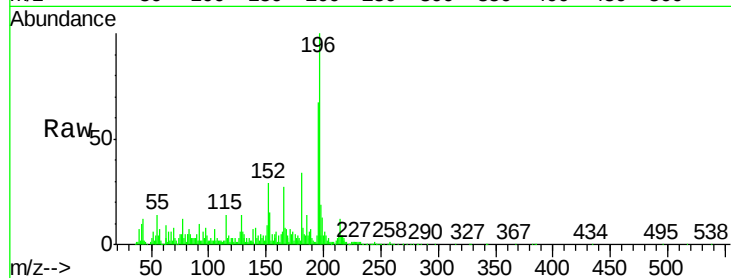
Tgt Ion:178 Resp: 7912

Ion Ratio Lower Upper

178 100

179 88.7 12.6 19.0#

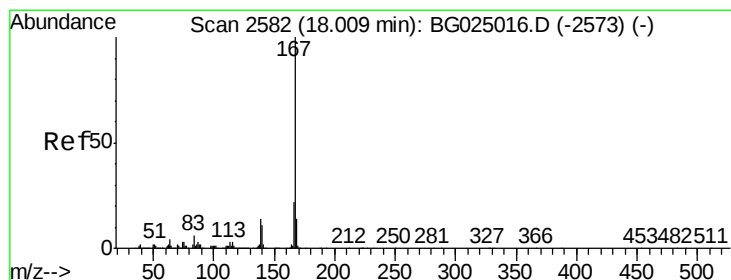
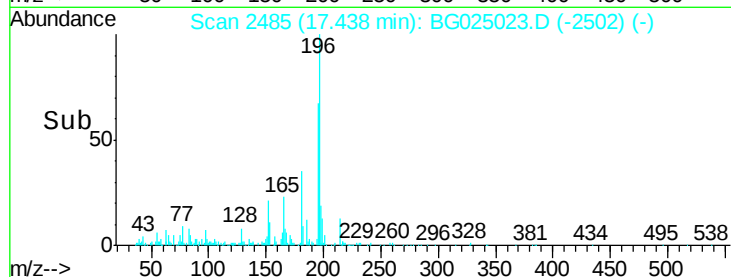
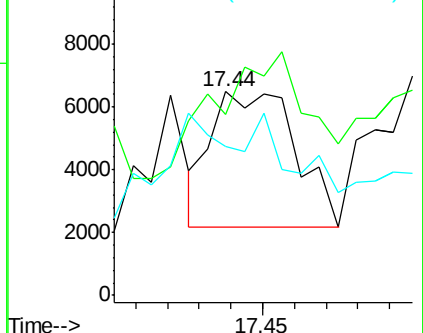
176 72.9 15.9 23.9#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Carbazole

Concen: 36.50 ng/ul

RT: 17.71 min Scan# 2531

Delta R.T. -0.30 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

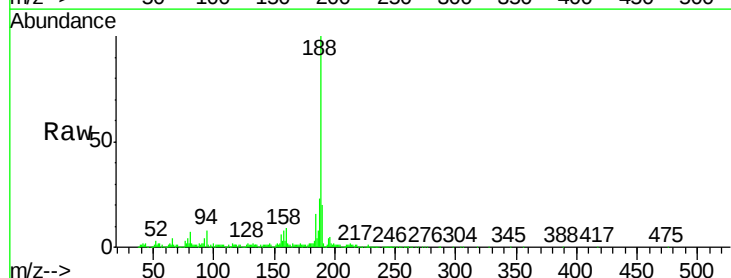
Tgt Ion:167 Resp: 6997

Ion Ratio Lower Upper

167 100

166 72.6 17.9 26.9#

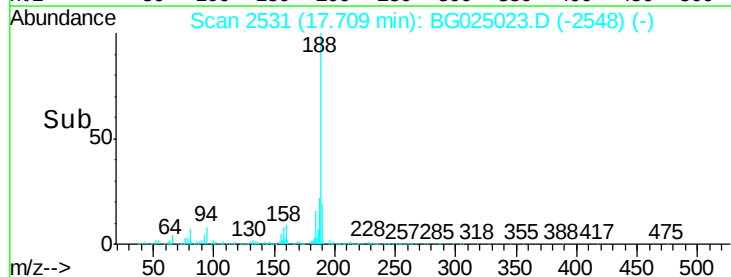
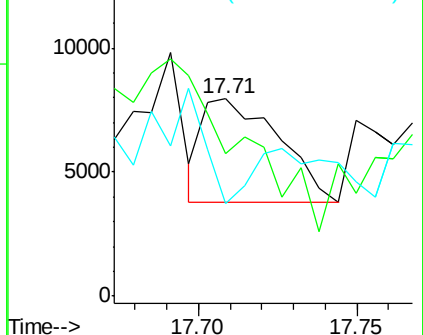
139 46.9 10.5 15.7#

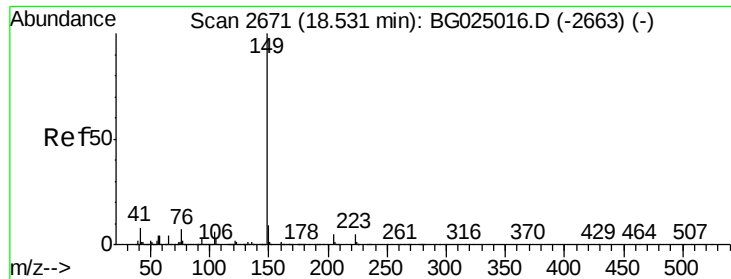


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 4.52 ng/ul

RT: 18.22 min Scan# 2618

Delta R.T. -0.31 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

Instrument :

BNA_G

ClientSampleId :

DA7Z1

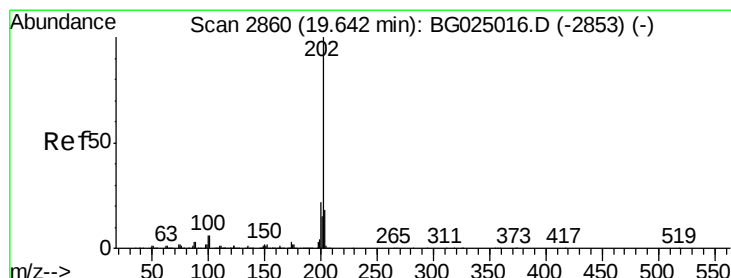
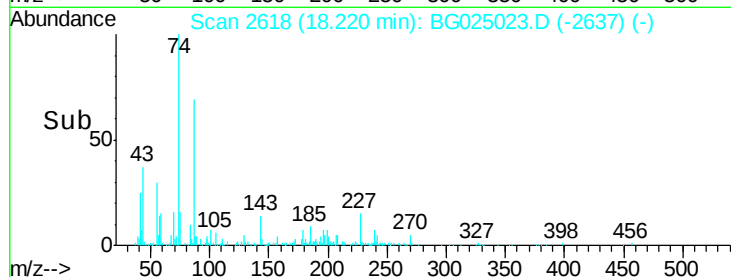
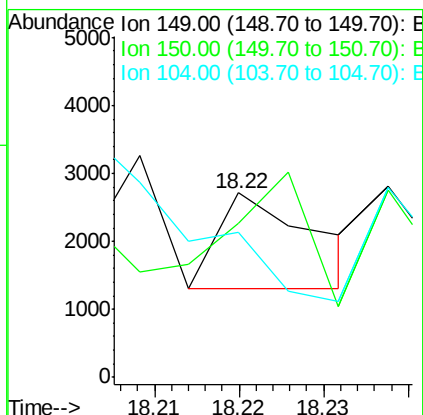
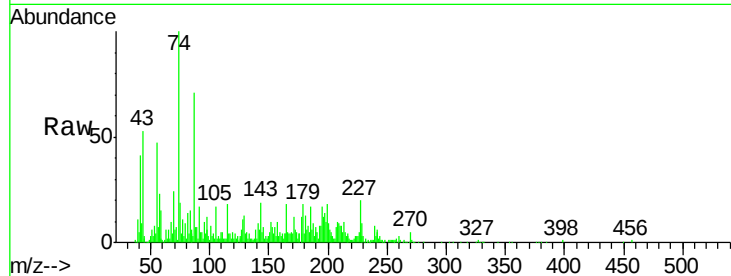
Tgt Ion:149 Resp: 1094

Ion Ratio Lower Upper

149 100

150 83.7 7.9 11.9#

104 78.7 5.8 8.8#



#74

Fluoranthene

Concen: 11.72 ng/ul

RT: 19.32 min Scan# 2806

Delta R.T. -0.32 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

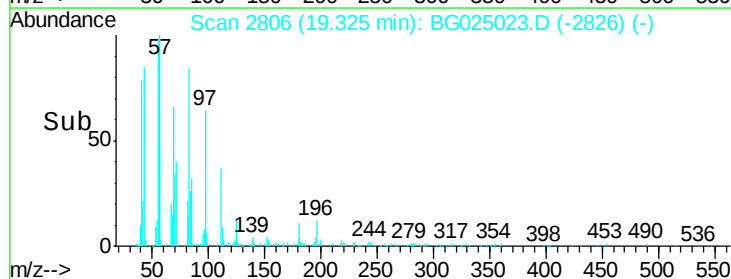
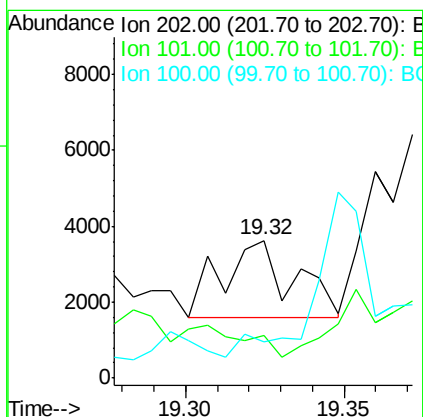
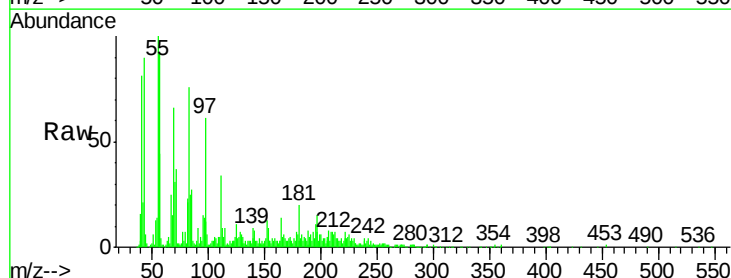
Tgt Ion:202 Resp: 3114

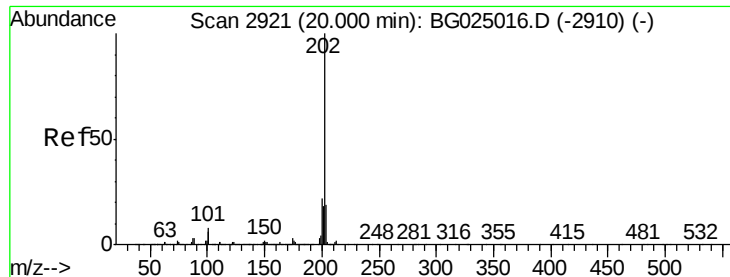
Ion Ratio Lower Upper

202 100

101 31.2 6.2 9.2#

100 26.8 5.2 7.8#





#77

Pyrene

Concen: 1627.46 ng/ul

RT: 19.64 min Scan# 2860

Delta R.T. -0.36 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

Instrument :

BNA_G

ClientSampleId :

DA7Z1

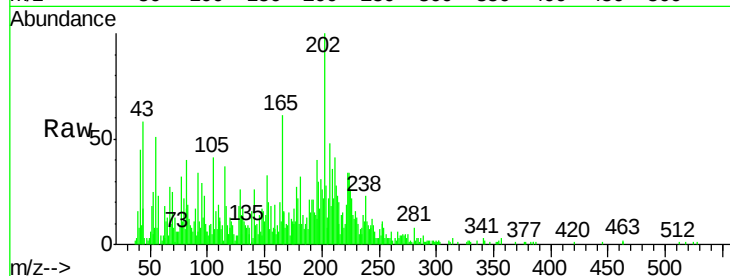
Tgt Ion:202 Resp: 25974

Ion Ratio Lower Upper

202 100

101 4.3 6.9 10.3#

100 5.7 6.6 10.0#

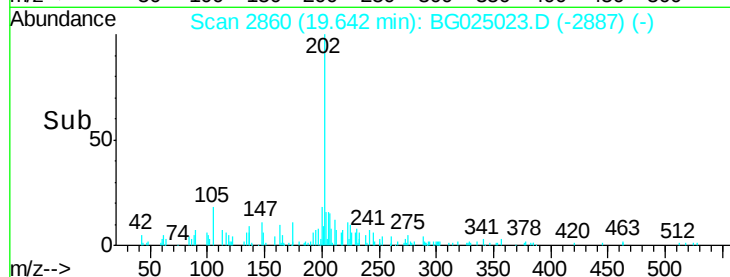


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

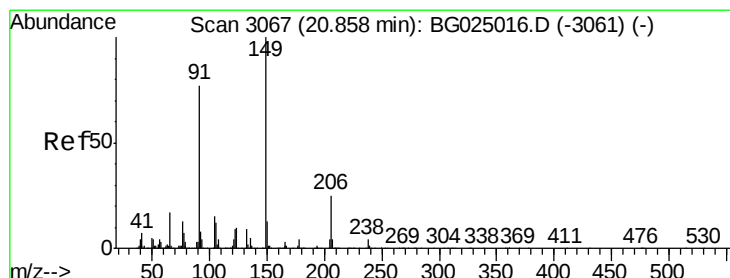
Ion 100.00 (99.70 to 100.70): E

Time-->



Abundance

Time-->



#78

Butylbenzylphthalate

Concen: 179.72 ng/ul

RT: 20.51 min Scan# 3008

Delta R.T. -0.35 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

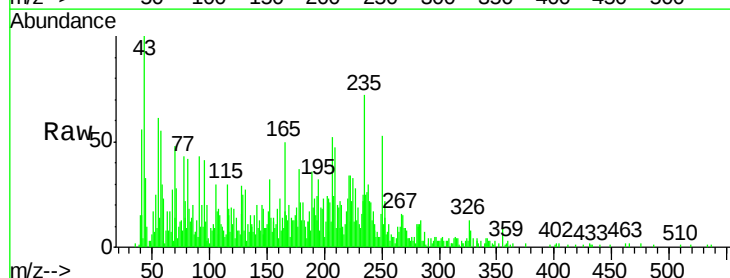
Tgt Ion:149 Resp: 1123

Ion Ratio Lower Upper

149 100

91 235.5 65.8 98.6#

206 66.1 20.1 30.1#

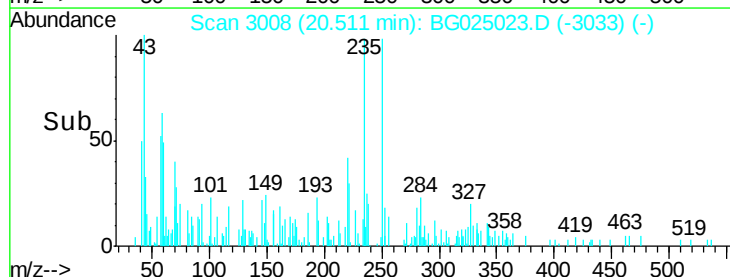


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

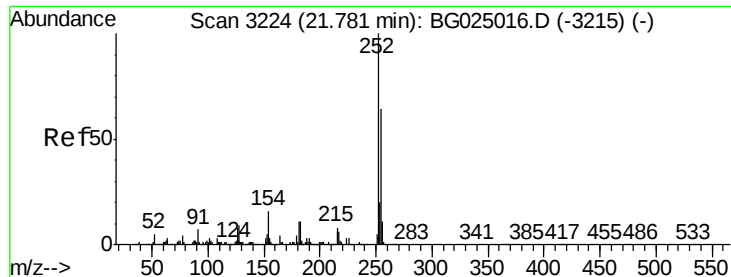
Ion 206.00 (205.70 to 206.70): E

Time-->



Abundance

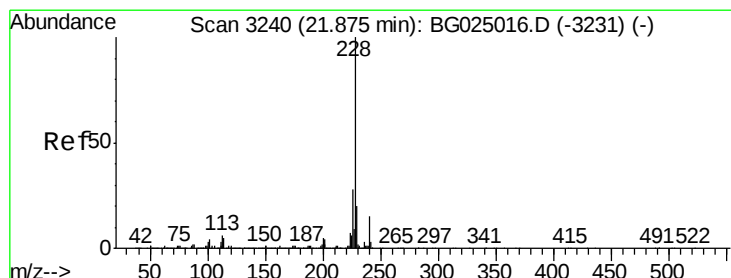
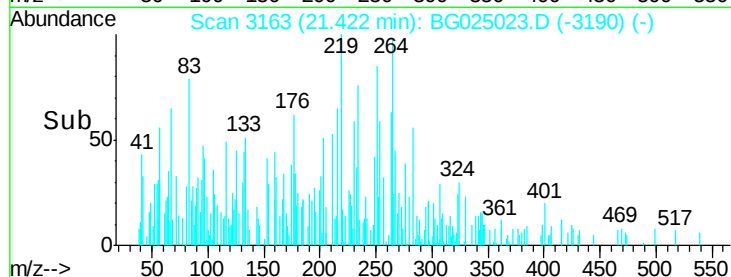
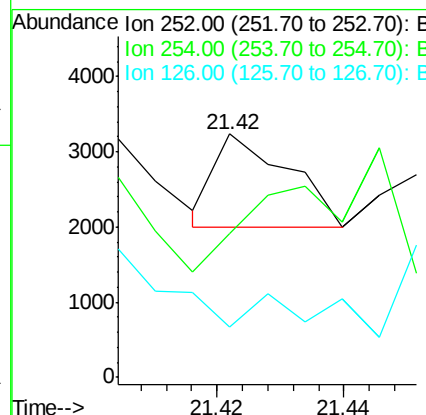
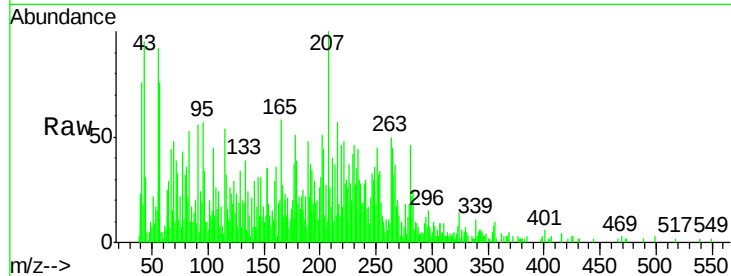
Time-->



#79
 3,3'-Dichlorobenzidine
 Concen: 171.22 ng/ul
 RT: 21.42 min Scan# 3163
 Delta R.T. -0.36 min
 Lab File: BG025023.D
 Acq: 9 Dec 2016 1:52

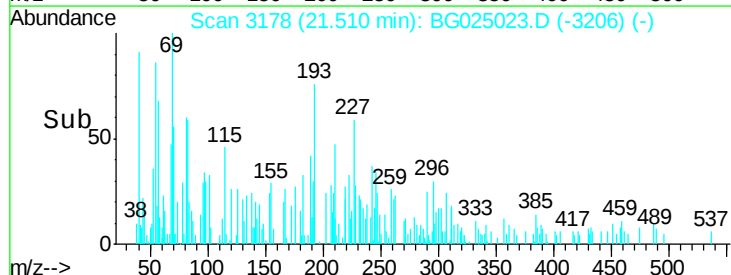
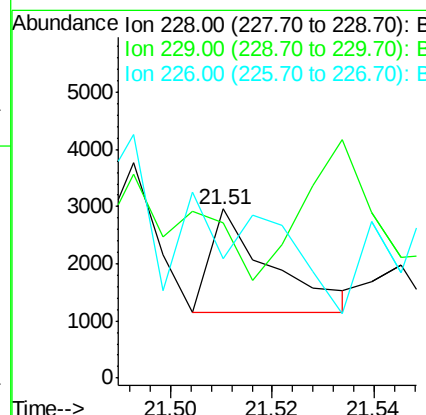
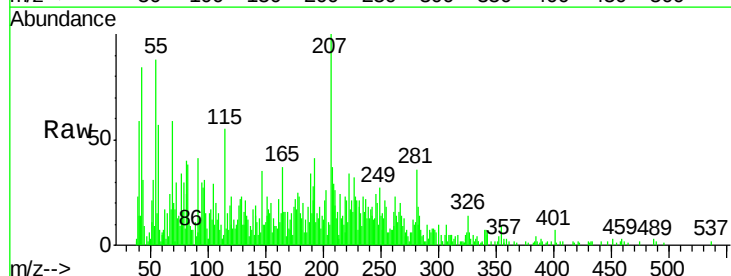
Instrument :
 BNA_G
 ClientSampleId :
 DA7Z1

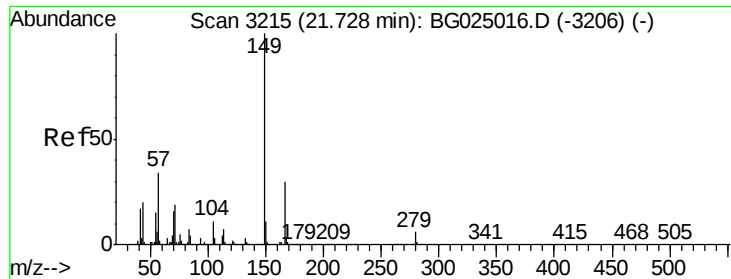
Tgt Ion:252 Resp: 991
 Ion Ratio Lower Upper
 252 100
 254 58.8 49.0 73.6
 126 20.9 5.1 7.7#



#80
 Benzo(a)anthracene
 Concen: 87.48 ng/ul
 RT: 21.51 min Scan# 3178
 Delta R.T. -0.36 min
 Lab File: BG025023.D
 Acq: 9 Dec 2016 1:52

Tgt Ion:228 Resp: 1509
 Ion Ratio Lower Upper
 228 100
 229 91.9 16.3 24.5#
 226 70.8 21.9 32.9#





#81

Bis(2-ethylhexyl)phthalate

Concen: 423.11 ng/ul

RT: 21.35 min Scan# 3151

Delta R.T. -0.38 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

Instrument :

BNA_G

ClientSampled :

DA7Z1

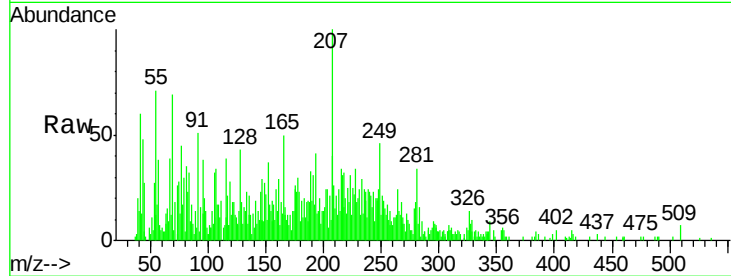
Tgt Ion:149 Resp: 3639

Ion Ratio Lower Upper

149 100

167 60.8 21.8 32.8#

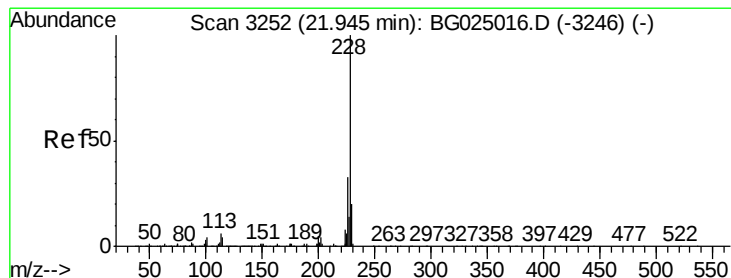
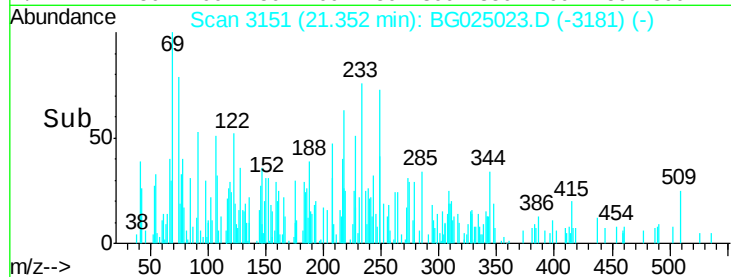
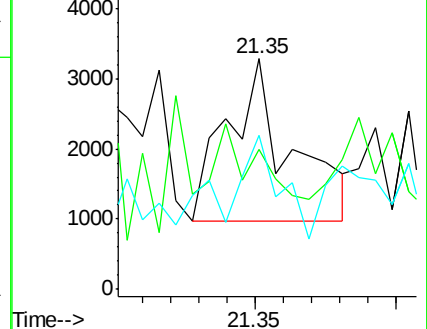
279 67.0 4.5 6.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#82

Chrysene

Concen: 79.71 ng/ul

RT: 21.57 min Scan# 3189

Delta R.T. -0.37 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

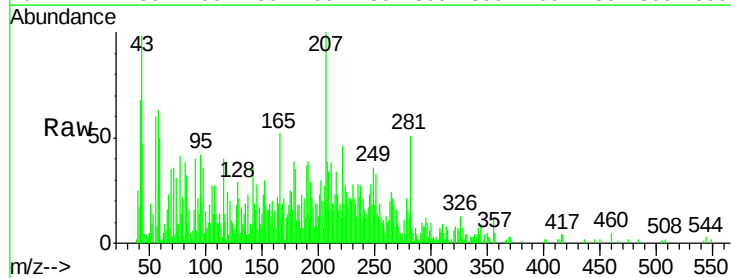
Tgt Ion:228 Resp: 1286

Ion Ratio Lower Upper

228 100

226 79.4 24.0 36.0#

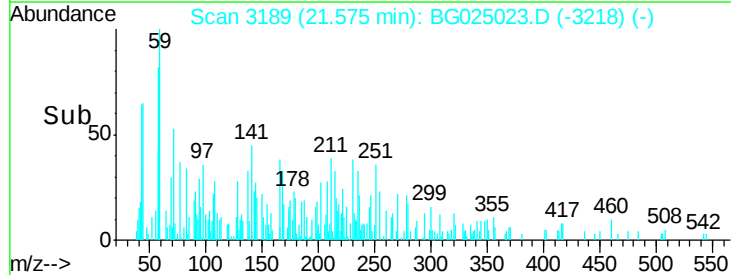
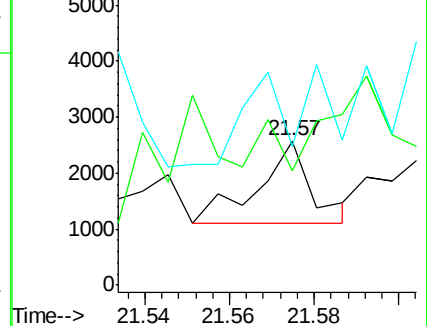
229 96.6 16.9 25.3#

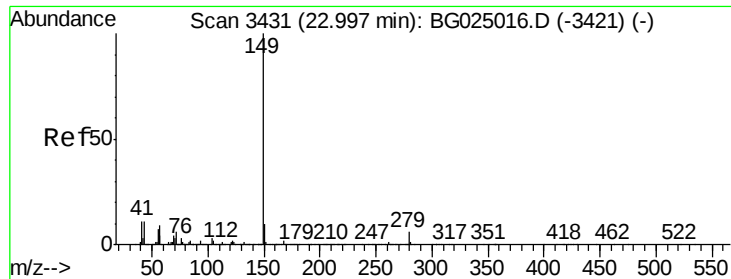


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Di-n-octyl phthalate

Concen: 125.74 ng/ul

RT: 22.61 min Scan# 3366

Delta R.T. -0.38 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

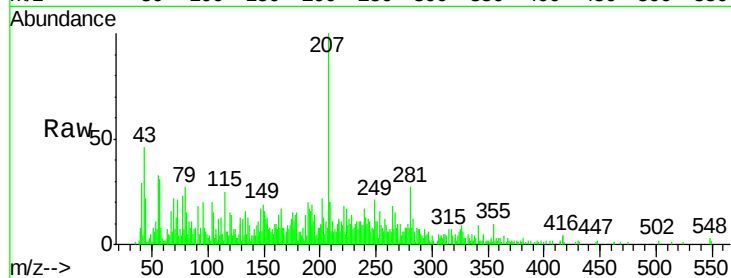
Instrument :

BNA_G

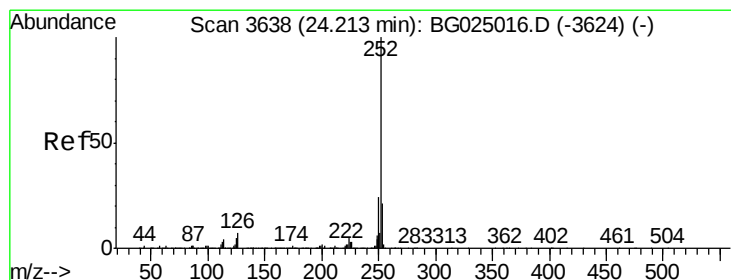
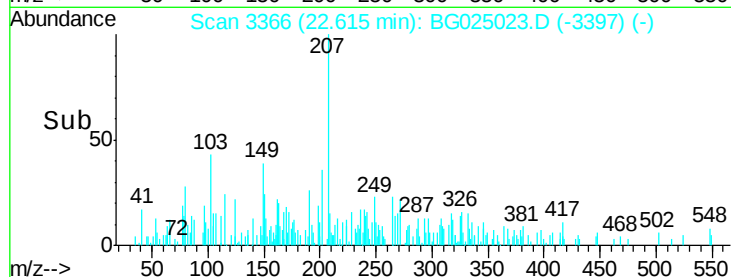
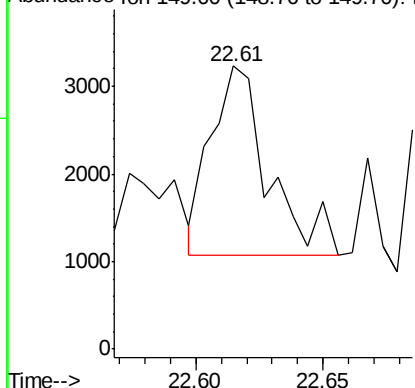
ClientSampleId :

DA7Z1

Tgt Ion:149 Resp: 3400



Abundance Ion 149.00 (148.70 to 149.70): E



#85

Benzo(b)fluoranthene

Concen: 10.51 ng/ul

RT: 23.80 min Scan# 3568

Delta R.T. -0.41 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

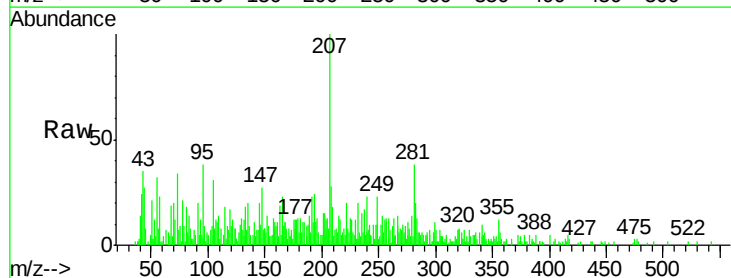
Tgt Ion:252 Resp: 347

Ion Ratio Lower Upper

252 100

253 142.9 17.7 26.5#

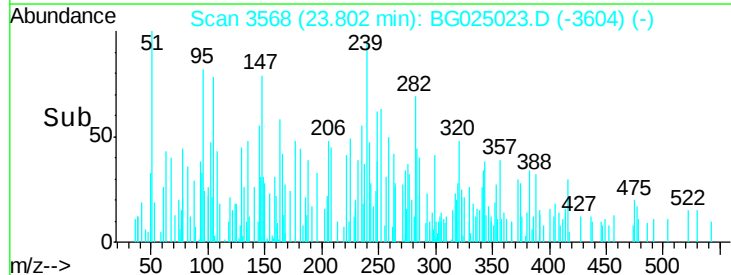
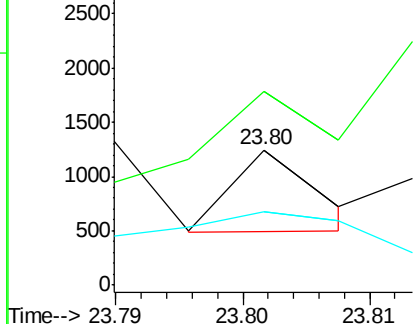
125 54.6 4.0 6.0#

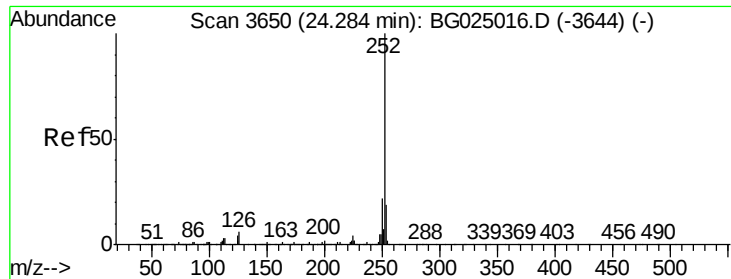


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 32.59 ng/ul

RT: 23.87 min Scan# 3580

Delta R.T. -0.41 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

Instrument :

BNA_G

ClientSampleId :

DA7Z1

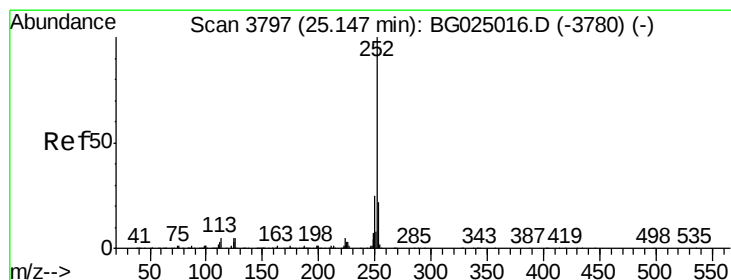
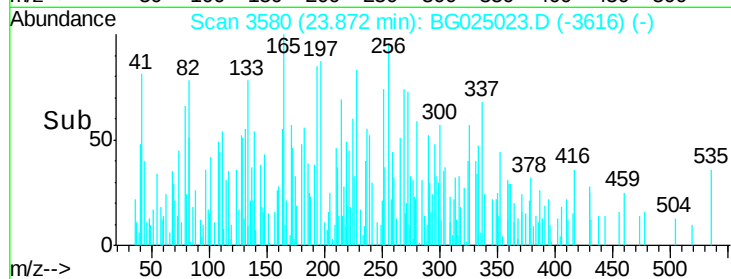
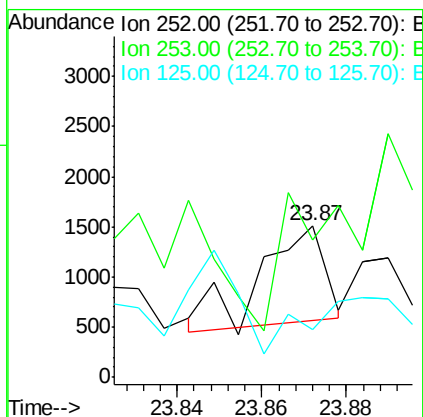
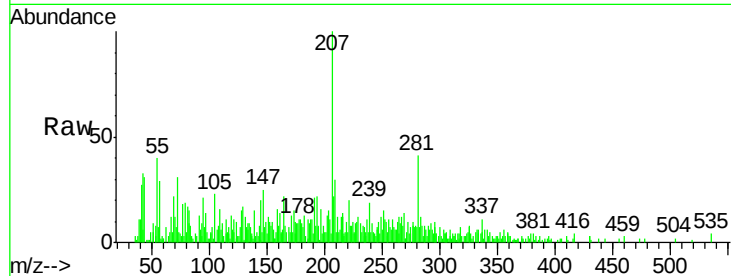
Tgt Ion:252 Resp: 1023

Ion Ratio Lower Upper

252 100

253 90.5 18.5 27.7#

125 31.4 4.1 6.1#



#88

Benzo(a)pyrene

Concen: 14.46 ng/ul

RT: 24.72 min Scan# 3725

Delta R.T. -0.42 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

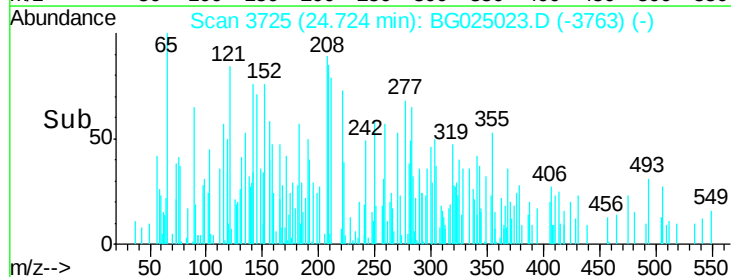
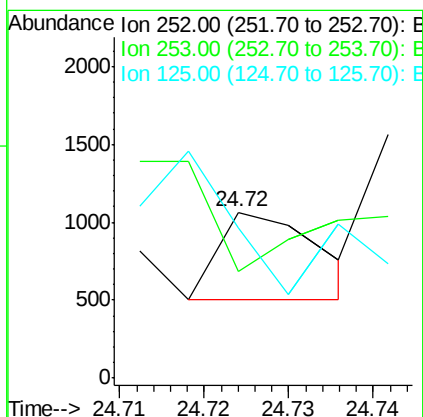
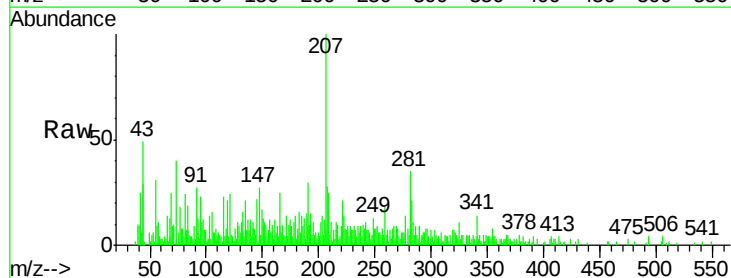
Tgt Ion:252 Resp: 459

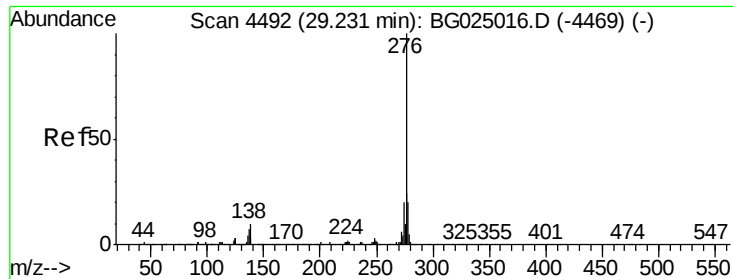
Ion Ratio Lower Upper

252 100

253 64.4 17.8 26.6#

125 90.6 5.4 8.0#



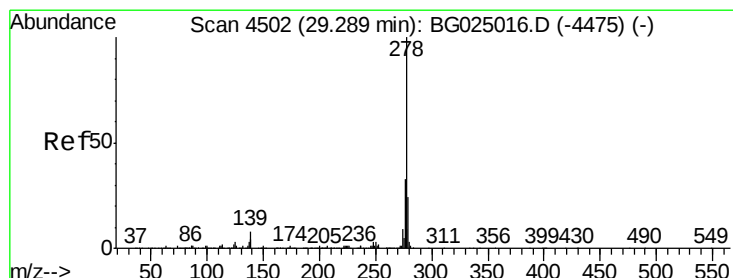
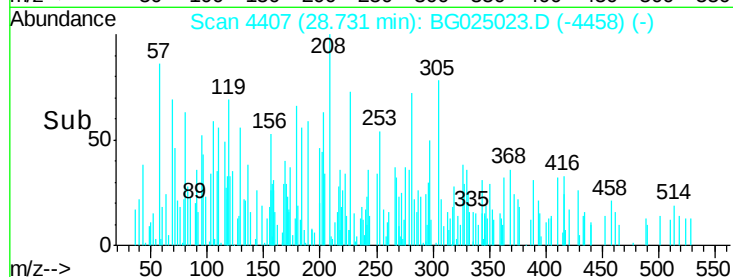
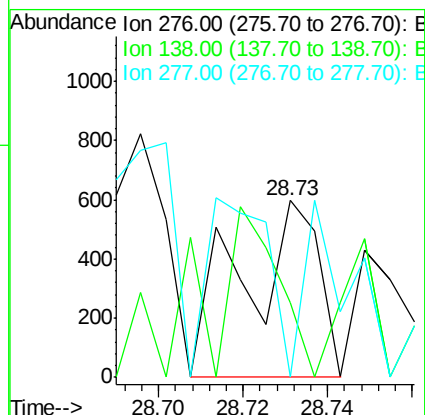
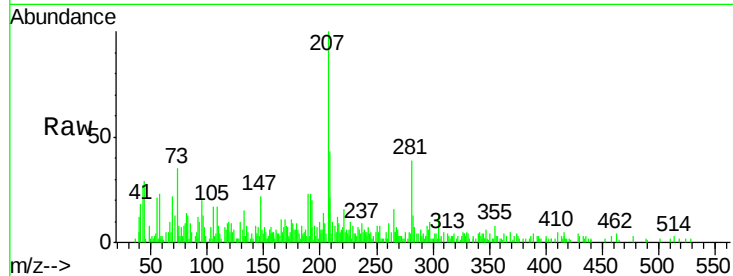


#89

Indeno(1,2,3-cd)pyrene
Concen: 18.83 ng/ul
RT: 28.73 min Scan# 4407
Delta R.T. -0.50 min
Lab File: BG025023.D
Acq: 9 Dec 2016 1:52

Instrument :
BNA_G
ClientSampleId :
DA7Z1

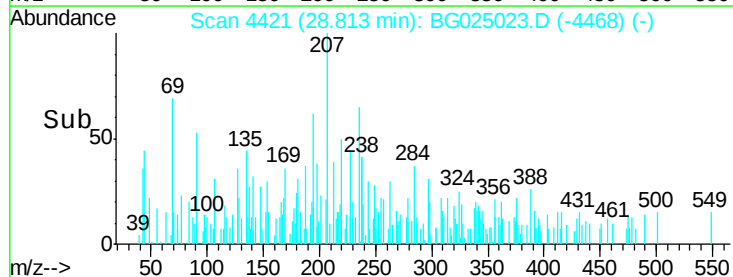
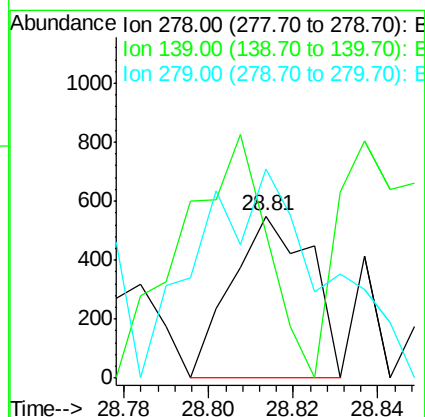
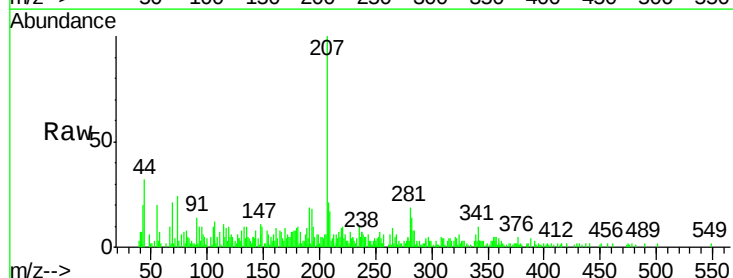
Tgt Ion:276 Resp: 743
Ion Ratio Lower Upper
276 100
138 42.5 8.2 12.4#
277 0.0 18.6 28.0#

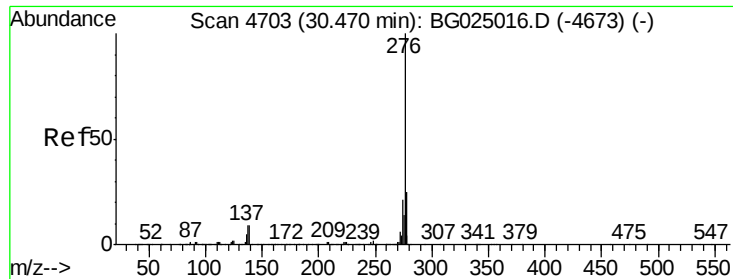


#90

Dibenzo(a,h)anthracene
Concen: 21.53 ng/ul
RT: 28.81 min Scan# 4421
Delta R.T. -0.48 min
Lab File: BG025023.D
Acq: 9 Dec 2016 1:52

Tgt Ion:278 Resp: 716
Ion Ratio Lower Upper
278 100
139 89.4 6.7 10.1#
279 129.1 20.9 31.3#





#91

Benzo(g,h,i)perylene

Concen: 19.49 ng/ul

RT: 29.95 min Scan# 4615

Delta R.T. -0.52 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

Instrument :

BNA_G

ClientSampleId :

DA7Z1

Tgt Ion:276 Resp: 642

Ion Ratio Lower Upper

276 100

138 48.1 8.6 12.8#

277 45.1 17.6 26.4#

