

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
 Data File : BG018368.D
 Acq On : 11 Aug 2015 00:06
 Operator : UM/MA
 Sample : G3109-13RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P9RE

Quant Time: Aug 11 01:44:47 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 11 01:39:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	129	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	262	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	287	20.00	ng/ul	0.16
62) Phenanthrene-d10	17.59	188	279665	20.00	ng/ul	0.19
78) Chrysene-d12	21.89	240	2003	20.00	ng/ul	0.23
86) Perylene-d12	25.14	264	597	20.00	ng/ul	0.27

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	7349	2517.28	ng/uL	0.00
5) Phenol-d5	7.19	99	181238	15479.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	119157	16423.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	146011	16283.07	ng/ul	0.01
13) 4-Methylphenol-d8	8.74	113	140395	14271.88	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	72461	35480.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	77930	37465.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	146489	33183.30	ng/ul	0.01
29) 4-Chloroaniline-d4	10.97	131	61275	12281.98	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	429083	17769.16	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	513723	16894.93	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	1443	332.23	ng/ul	0.16
58) Fluorene-d10	15.65	176	336253	15987.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.94	200	264	0.19	ng/ul	0.18
71) Anthracene-d10	17.51	188	384266	28.73	ng/ul	0.01
79) Pyrene-d10	19.96	212	1860	17.90	ng/ul	0.18
90) Benzo(a)pyrene-d12	24.93	264	309	9.75	ng/ul	0.28

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	60	19.20	ng/uL#	1
4) Benzaldehyde	7.18	77	13199	1921.72	ng/ul#	1
6) Phenol	7.23	94	7493	627.44	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.43	93	790	86.00	ng/ul#	1
10) 2-Chlorophenol	7.61	128	2073	226.83	ng/ul#	90
11) 2-Methylphenol	8.37	108	231	24.94	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.57	45	48	3.25	ng/ul#	1
14) Acetophenone	9.00	105	5114	359.91	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.83	70	443	54.33	ng/ul#	44
16) 4-Methylphenol	8.80	108	23299	2305.61	ng/ul	94
17) Hexachloroethane	9.10	117	163	41.38	ng/ul#	10
20) Nitrobenzene	9.24	77	841	163.17	ng/ul#	47
21) Isophorone	9.77	82	10528	1062.02	ng/ul#	2
23) 2-Nitrophenol	9.94	139	340	147.20	ng/ul#	1
24) 2,4-Dimethylphenol	10.01	107	28680	5541.50	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.25	93	1151	186.27	ng/ul#	1
27) 2,4-Dichlorophenol	10.48	162	329	79.55	ng/ul#	1
28) Naphthalene	10.89	128	305394	22050.50	ng/ul	97
30) 4-Chloroaniline	11.01	127	297	58.53	ng/ul#	1
32) Caprolactam	11.73	113	169	101.44	ng/ul#	1
33) 4-Chloro-3-methylphenol	12.10	107	583	121.66	ng/ul#	29
34) 2-Methylnaphthalene	12.50	142	186461	18593.53	ng/ul	94
35) 1-Methylnaphthalene	12.72	142	124312	12694.92	ng/ul	97

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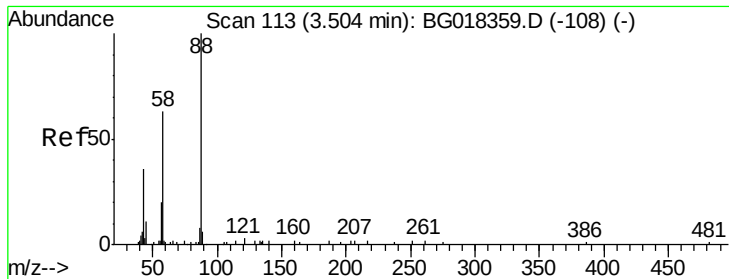
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

37) 1,2,4,5-Tetrachlorobenzene	12.88	216	170	18.47	ng/ul#	1
39) 2,4,6-Trichlorophenol	13.24	196	191	30.47	ng/ul#	11
40) 2,4,5-Trichlorophenol	13.32	196	252	37.39	ng/ul#	13
41) 1,1'-Biphenyl	13.50	154	74774	3121.68	ng/ul	99
42) 2-Chloronaphthalene	13.65	162	2275	122.27	ng/ul	95
43) 2-Nitroaniline	13.87	65	315	52.44	ng/ul#	67
45) Dimethylphthalate	14.26	163	856	35.94	ng/ul#	64
46) 2,6-Dinitrotoluene	14.37	165	1117	235.48	ng/ul#	39
48) Acenaphthylene	14.57	152	15257	500.28	ng/ul	97
49) 3-Nitroaniline	14.71	138	153	31.62	ng/ul#	39
50) Acenaphthene	14.73	153	193266	9033.42	ng/ul	95
51) 2,4-Dinitrophenol	14.90	184	54	23.34	ng/ul#	1
53) 4-Nitrophenol	15.03	109	1172	310.38	ng/ul#	6
54) Dibenzofuran	15.06	168	179622	6425.10	ng/ul	94
55) 2,4-Dinitrotoluene	15.14	165	5047	745.46	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.44	232	227	38.66	ng/ul#	1
57) Diethylphthalate	15.65	149	367	14.50	ng/ul#	1
59) Fluorene	15.71	166	198940	8272.34	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.87	204	184	16.17	ng/ul#	1
61) 4-Nitroaniline	15.88	138	730	136.58	ng/ul#	54
65) N-Nitrosodiphenylamine	16.09	169	10937	1.30	ng/ul#	39
70) Phenanthrene	17.55	178	240982	15.88	ng/ul	98
72) Anthracene	17.55	178	197977	12.80	ng/ul	96
76) Di-n-butylphthalate	18.56	149	291184	16.44	ng/ul#	1
77) Fluoranthene	19.47	202	833111	51.41	ng/ul	100
80) Pyrene	19.84	202	714100	5272.71	ng/ul	99
81) Butylbenzylphthalate	20.91	149	13260	231.44	ng/ul#	1
82) 3,3'-Dichlorobenzidine	21.78	252	1139	27.38	ng/ul#	1
83) Benzo(a)anthracene	21.89	228	44082	354.96	ng/ul#	13
84) Bis(2-ethylhexyl)phthalate	21.79	149	9343	115.43	ng/ul#	65
85) Chrysene	21.95	228	1473	12.68	ng/ul#	1
87) Di-n-octyl phthalate	23.03	149	5880	152.65	ng/ul	100
88) Benzo(b)fluoranthene	24.11	252	259	6.90	ng/ul#	1
89) Benzo(k)fluoranthene	24.20	252	56200	1556.12	ng/ul#	1
91) Benzo(a)pyrene	24.98	252	1442	40.43	ng/ul#	1
92) Indeno(1,2,3-cd)pyrene	28.83	276	1259	30.51	ng/ul#	1
93) Dibenzo(a,h)anthracene	28.92	278	3310	96.56	ng/ul#	1
94) Benzo(g,h,i)perylene	29.99	276	2545	73.44	ng/ul#	1

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



#2

1,4-Dioxane

Concen: 19.20 ng/uL

RT: 3.49 min Scan# 110

Delta R.T. -0.02 min

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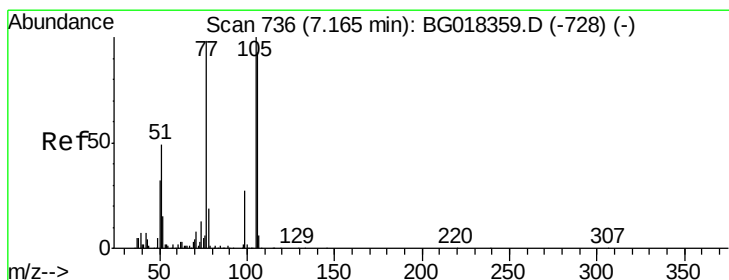
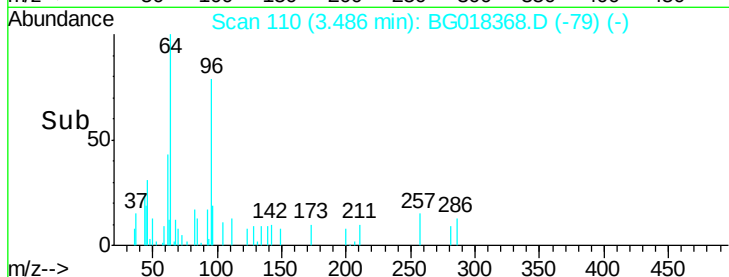
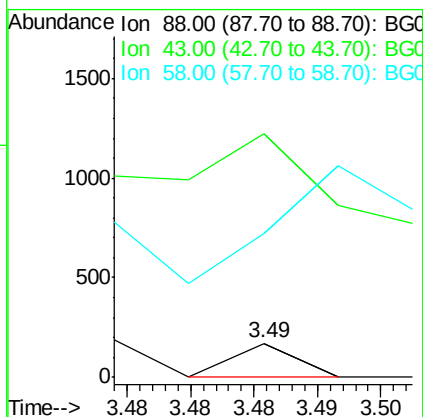
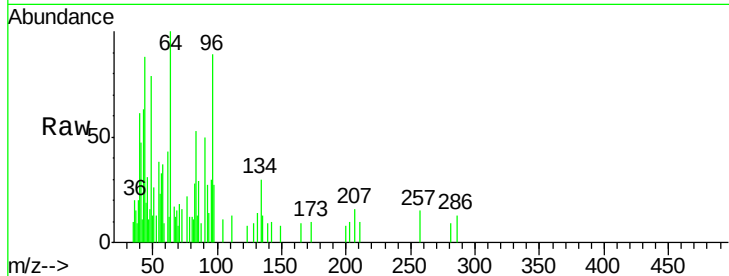
Tgt Ion: 88 Resp: 60

Ion Ratio Lower Upper

88 100

43 714.6 33.0 49.4#

58 422.2 73.4 110.0#



#4

Benzaldehyde

Concen: 1921.72 ng/uL

RT: 7.18 min Scan# 739

Delta R.T. 0.02 min

Lab File: BG018368.D

Acq: 11 Aug 2015 00:06

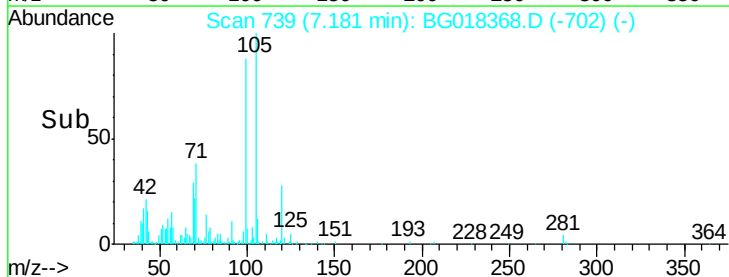
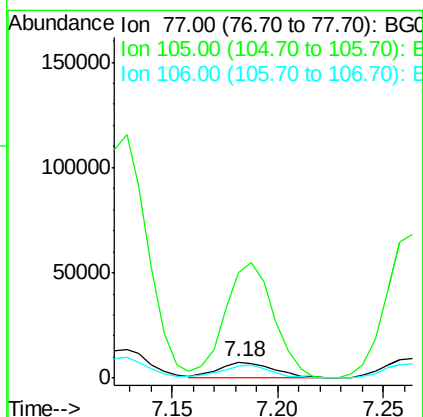
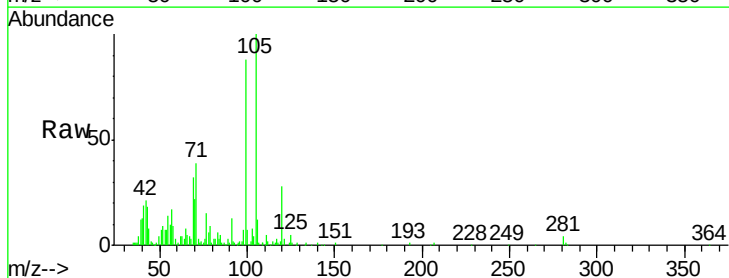
Tgt Ion: 77 Resp: 13199

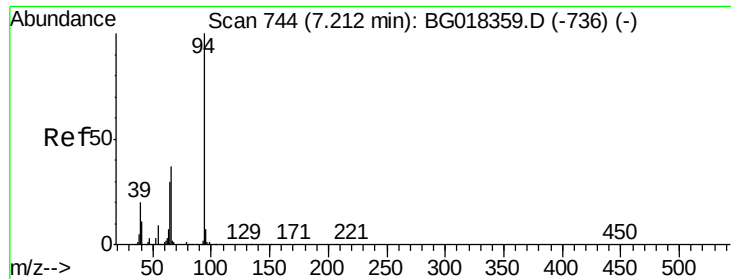
Ion Ratio Lower Upper

77 100

105 661.6 78.2 117.2#

106 77.6 76.8 115.2





#6

Phenol

Concen: 627.44 ng/ul

RT: 7.23 min Scan# 747

Delta R.T. 0.02 min

Lab File: BG018368.D

Acq: 11 Aug 2015 00:06

Instrument :

BNA_G

ClientSampleId :

C01P9RE

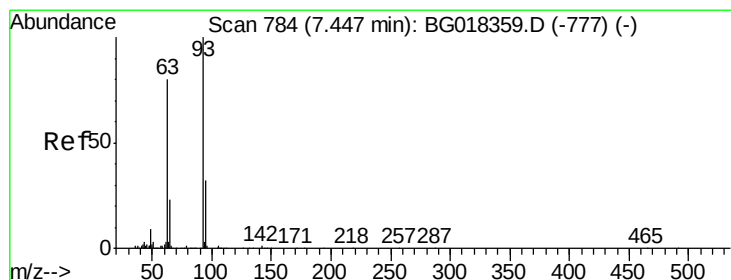
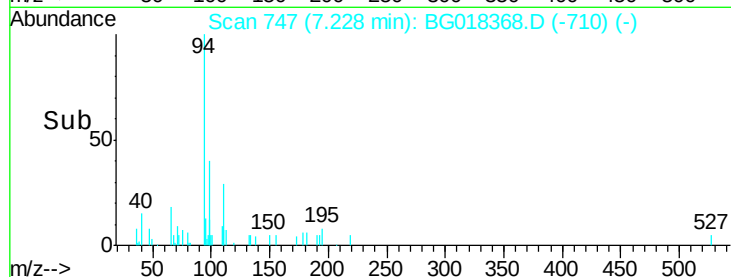
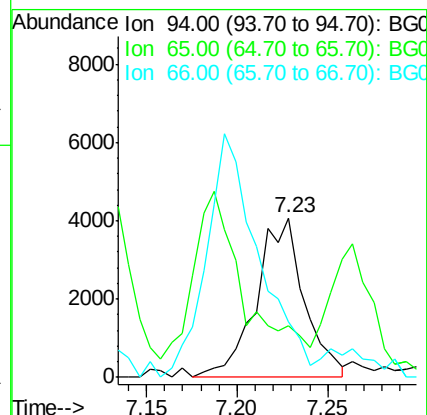
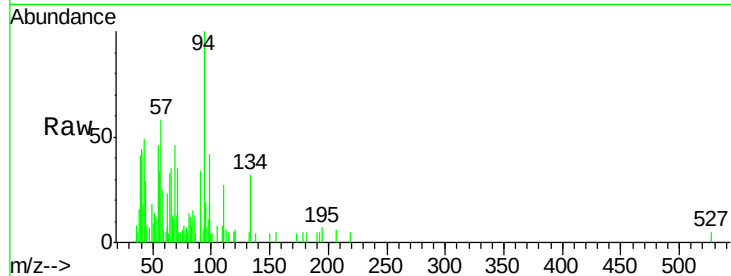
Tgt Ion: 94 Resp: 7493

Ion Ratio Lower Upper

94 100

65 32.7 23.0 34.6

66 34.8 31.0 46.4



#8

Bis(2-Chloroethyl)ether

Concen: 86.00 ng/ul

RT: 7.43 min Scan# 782

Delta R.T. -0.01 min

Lab File: BG018368.D

Acq: 11 Aug 2015 00:06

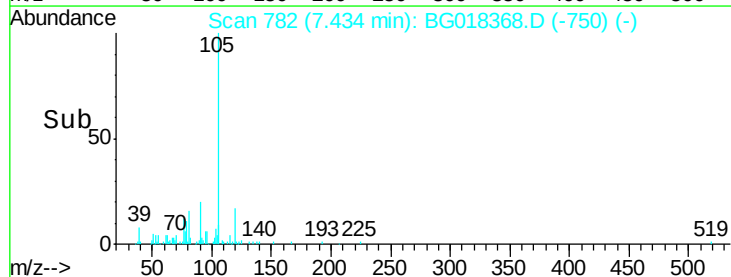
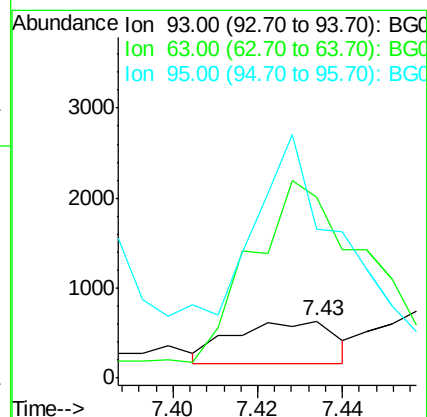
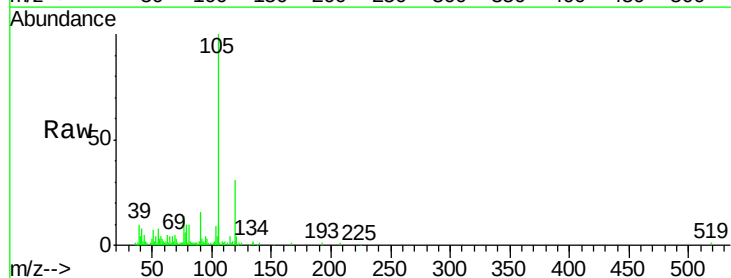
Tgt Ion: 93 Resp: 790

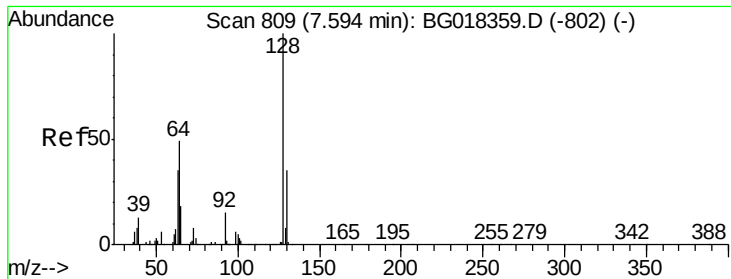
Ion Ratio Lower Upper

93 100

63 315.4 61.4 92.2#

95 260.0 25.9 38.9#

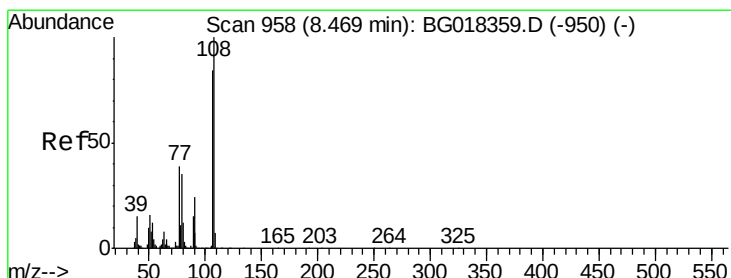
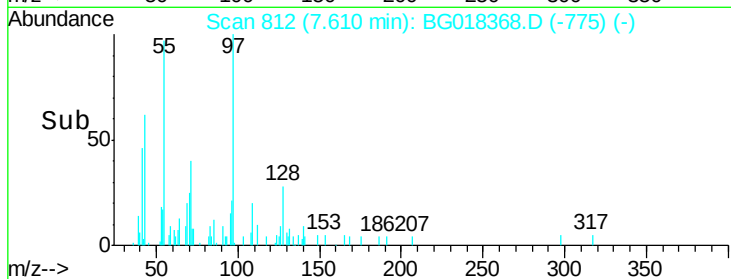
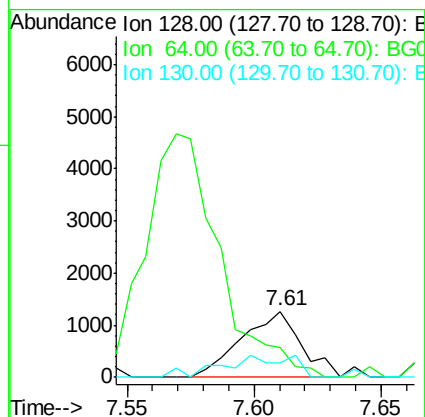
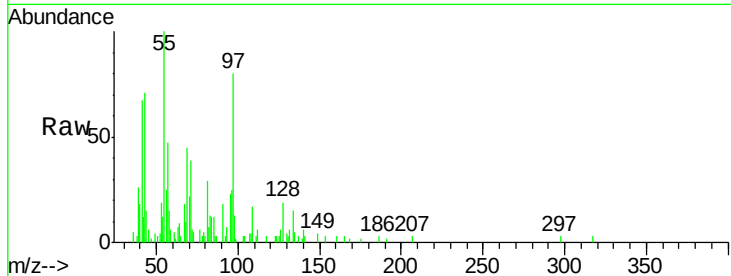




#10
2-Chlorophenol
Concen: 226.83 ng/ul
RT: 7.61 min Scan# 812
Delta R.T. 0.02 min
Lab File: BG018368.D
Acq: 11 Aug 2015 00:06

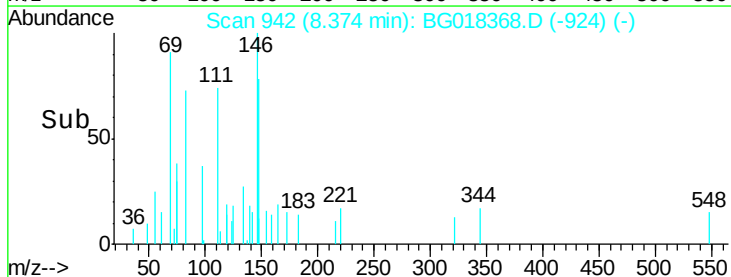
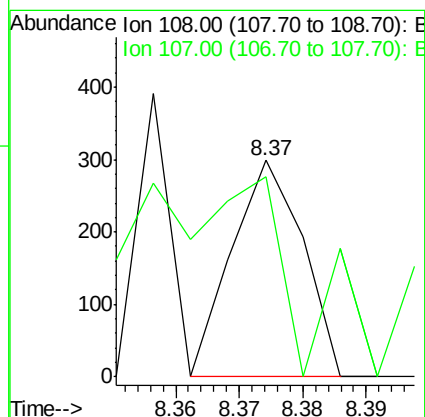
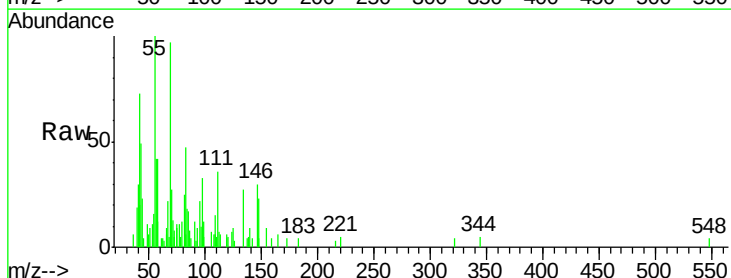
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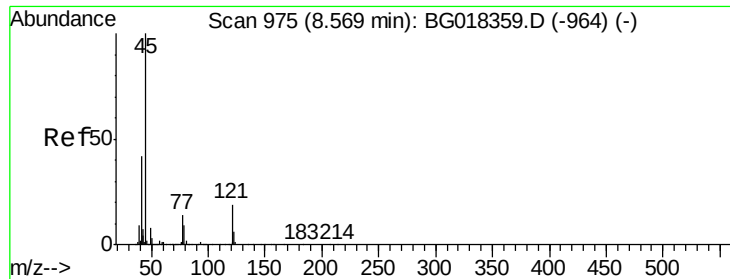
Tgt Ion	Ratio	Lower	Upper
128	100		
64	46.0	40.9	61.3
130	22.5	24.5	36.7#



#11
2-Methylphenol
Concen: 24.94 ng/ul
RT: 8.37 min Scan# 942
Delta R.T. -0.10 min
Lab File: BG018368.D
Acq: 11 Aug 2015 00:06

Tgt Ion	Ratio	Lower	Upper
108	100		
107	92.6	72.1	108.1

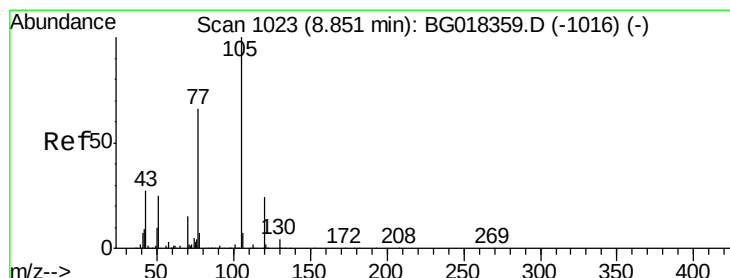
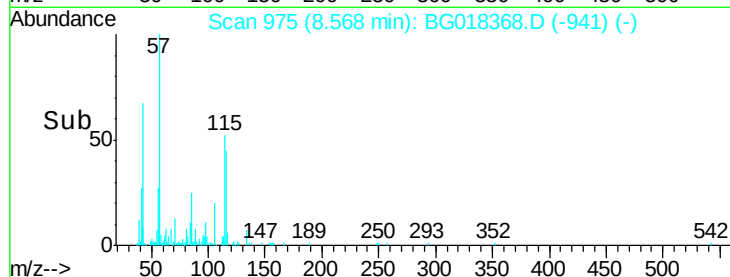
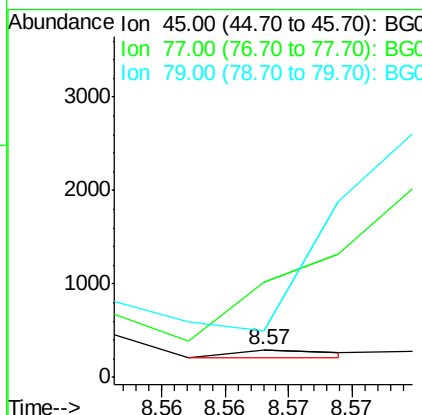
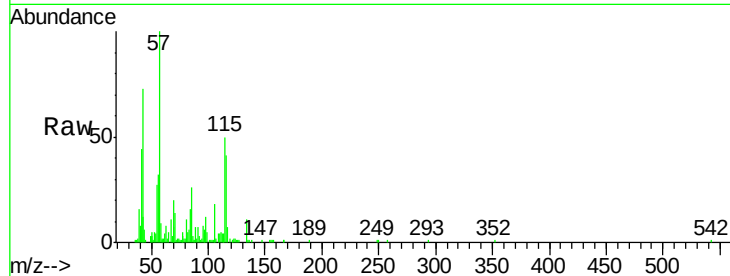




#12
2,2'-oxybis(1-Chloropropane)
Concen: 3.25 ng/ul
RT: 8.57 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG018368.D
Acq: 11 Aug 2015 00:06

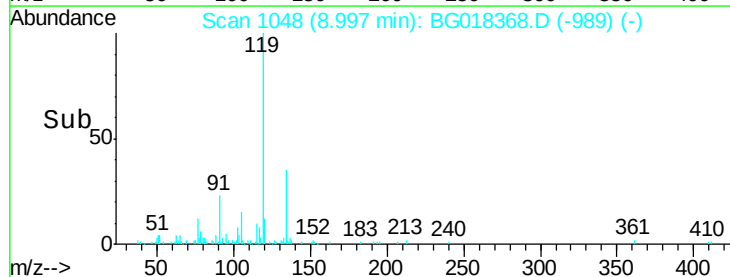
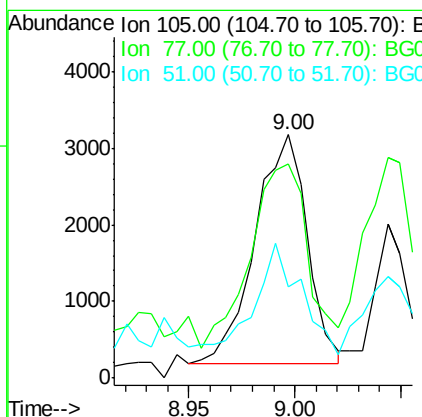
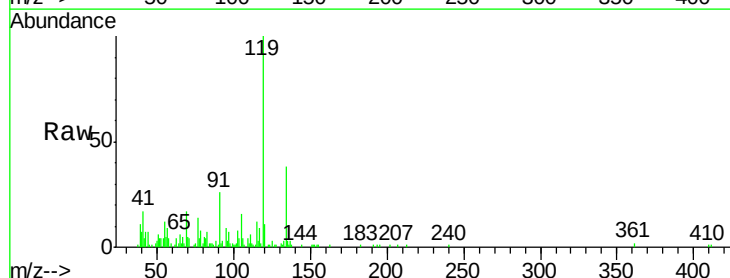
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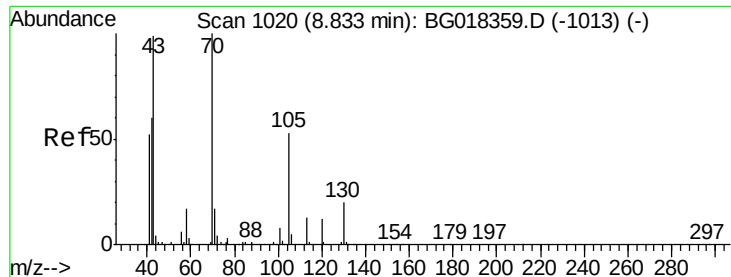
Tgt Ion: 45 Resp: 48
Ion Ratio Lower Upper
45 100
77 349.1 11.3 16.9#
79 172.0 7.8 11.8#



#14
Acetophenone
Concen: 359.91 ng/ul
RT: 9.00 min Scan# 1048
Delta R.T. 0.15 min
Lab File: BG018368.D
Acq: 11 Aug 2015 00:06

Tgt Ion: 105 Resp: 5114
Ion Ratio Lower Upper
105 100
77 87.8 61.9 92.9
51 37.4 25.5 38.3

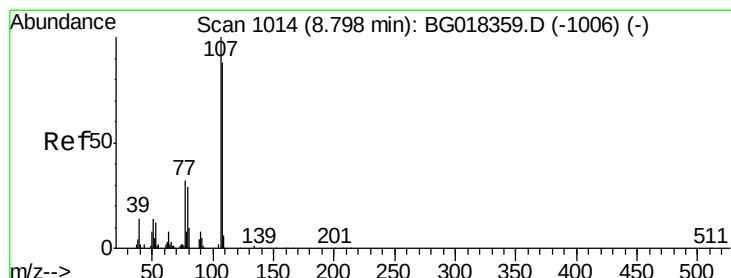
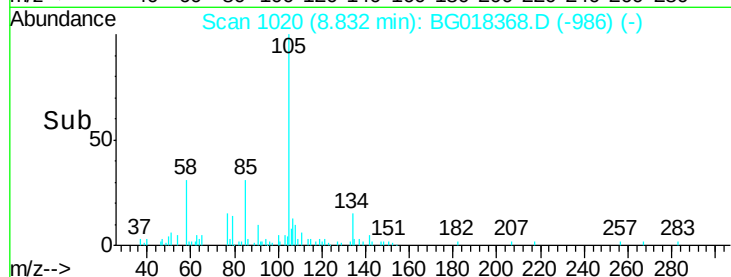
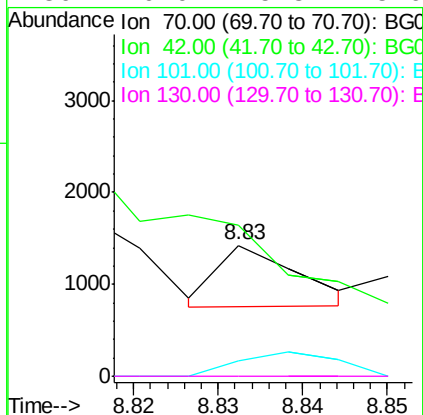
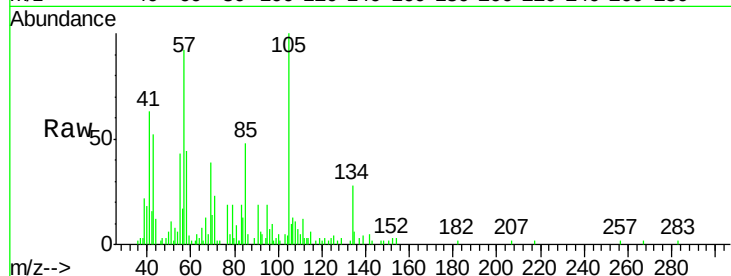




#15
N-Nitroso-di-n-propylamine
Concen: 54.33 ng/ul
RT: 8.83 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG018368.D
Acq: 11 Aug 2015 00:06

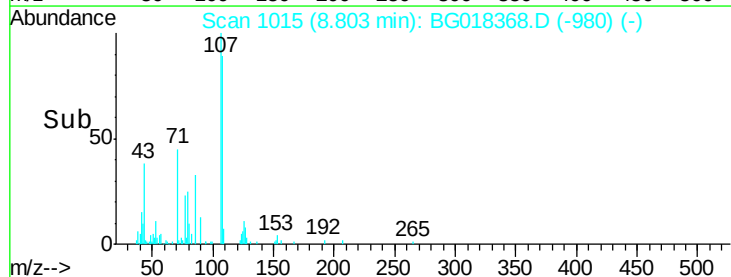
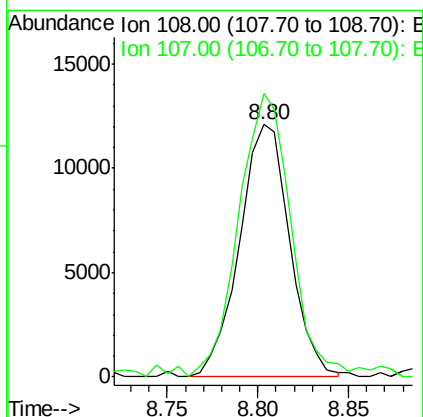
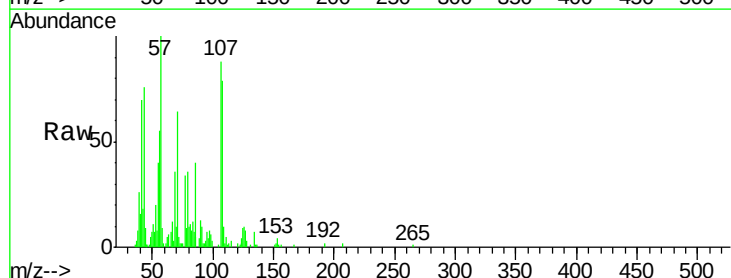
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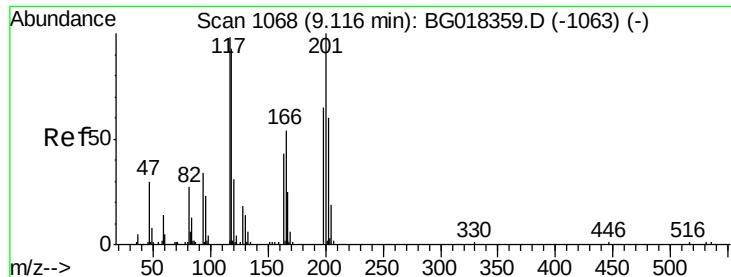
Tgt Ion: 70 Resp: 443
Ion Ratio Lower Upper
70 100
42 115.2 50.7 76.1#
101 11.7 7.4 11.2#
130 0.0 15.8 23.6#



#16
4-Methylphenol
Concen: 2305.61 ng/ul
RT: 8.80 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BG018368.D
Acq: 11 Aug 2015 00:06

Tgt Ion: 108 Resp: 23299
Ion Ratio Lower Upper
108 100
107 112.2 94.6 142.0

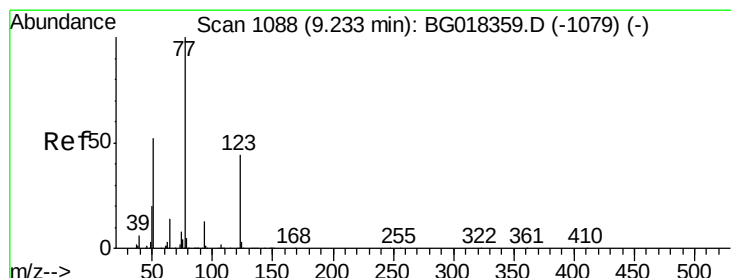
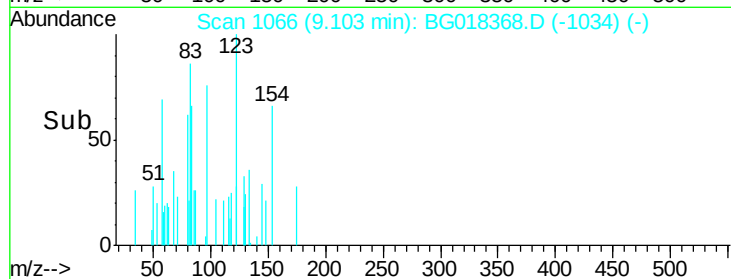
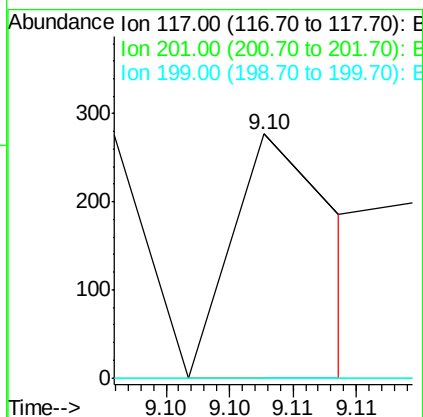
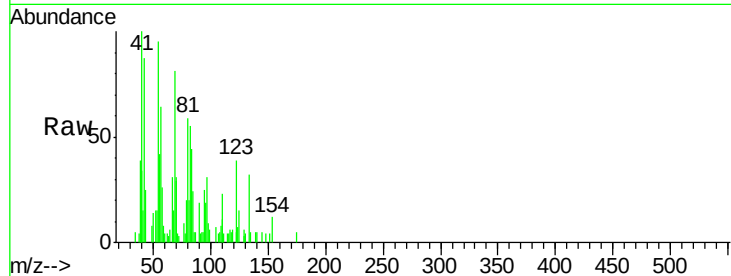




#17
Hexachloroethane
Concen: 41.38 ng/ul
RT: 9.10 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG018368.D
Acq: 11 Aug 2015 00:06

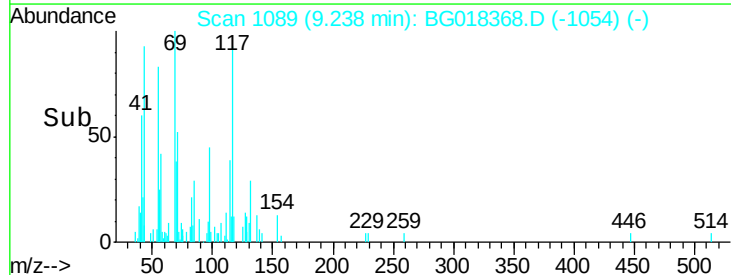
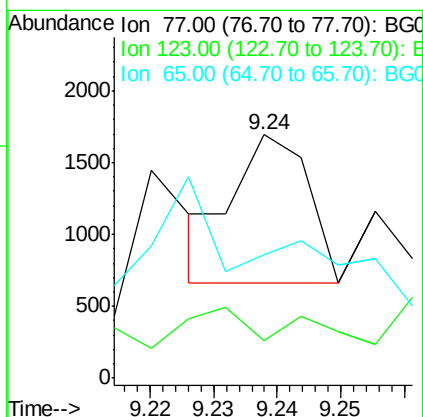
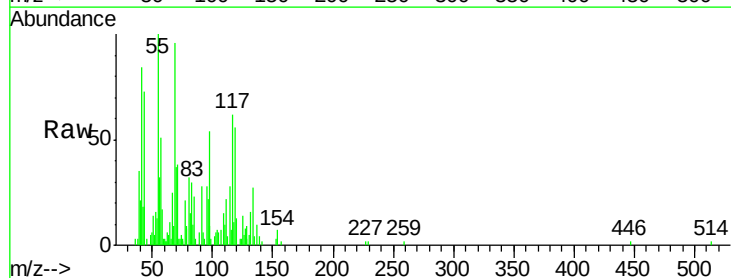
Instrument :
BNA_G
ClientSampleId :
C01P9RE

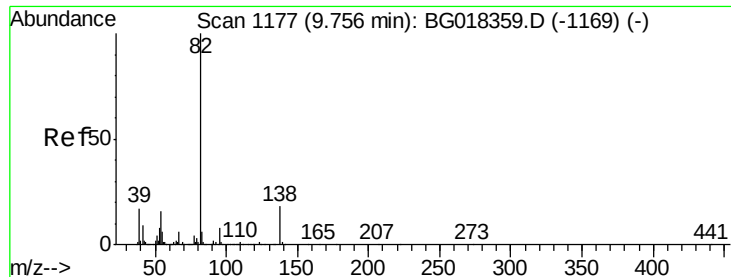
Tgt Ion: 117 Resp: 163
Ion Ratio Lower Upper
117 100
201 0.0 73.6 110.4#
199 0.0 48.6 72.8#



#20
Nitrobenzene
Concen: 163.17 ng/ul
RT: 9.24 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BG018368.D
Acq: 11 Aug 2015 00:06

Tgt Ion: 77 Resp: 841
Ion Ratio Lower Upper
77 100
123 15.5 32.8 49.2#
65 50.4 12.2 18.2#





#21

Isophorone

Concen: 1062.02 ng/ul

RT: 9.77 min Scan# 1179

Delta R.T. 0.01 min

Lab File: BG018368.D

Acq: 11 Aug 2015 00:06

Instrument :

BNA_G

ClientSampleId :

C01P9RE

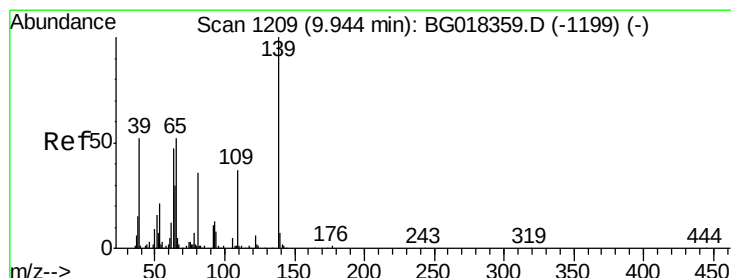
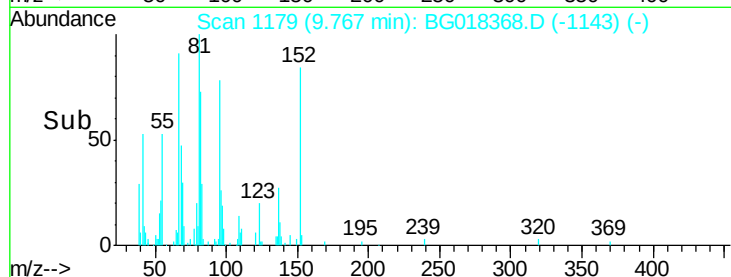
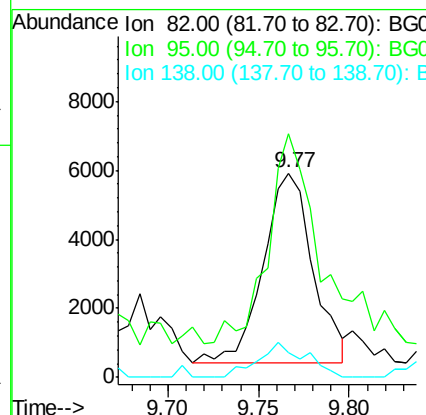
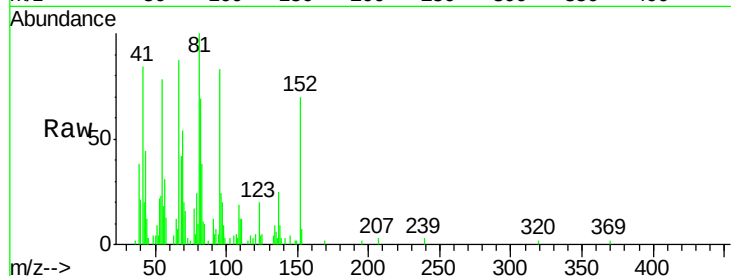
Tgt Ion: 82 Resp: 10528

Ion Ratio Lower Upper

82 100

95 119.1 5.2 7.8#

138 12.3 13.8 20.8#



#23

2-Nitrophenol

Concen: 147.20 ng/ul

RT: 9.94 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BG018368.D

Acq: 11 Aug 2015 00:06

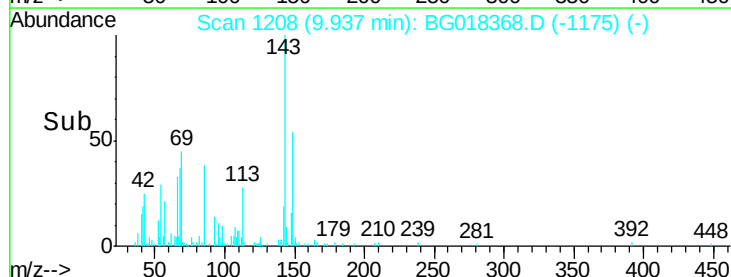
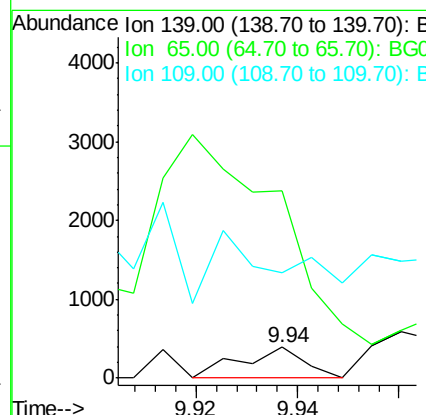
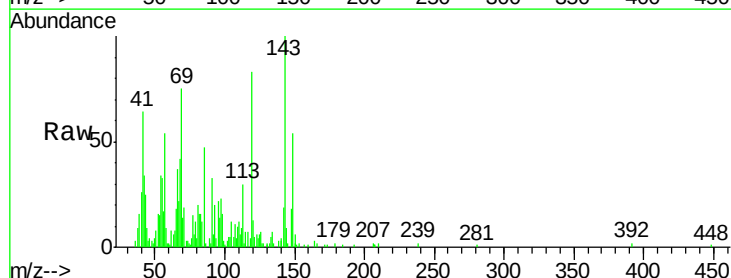
Tgt Ion: 139 Resp: 340

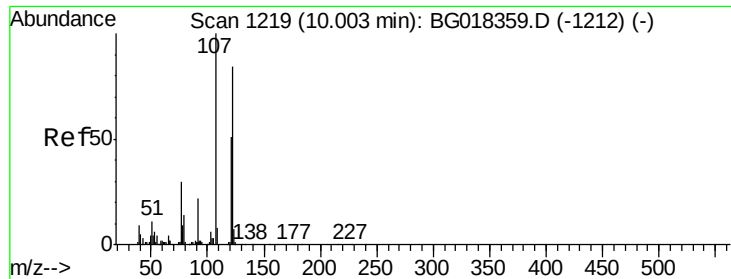
Ion Ratio Lower Upper

139 100

65 613.4 45.6 68.4#

109 343.3 25.4 38.2#

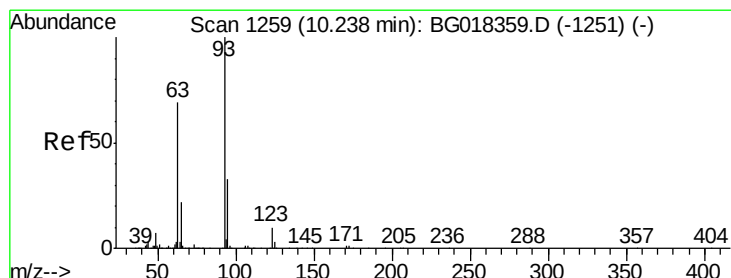
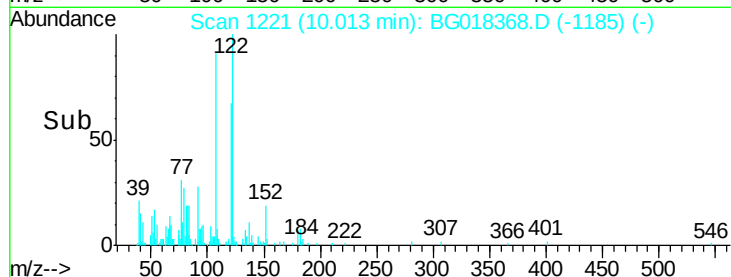
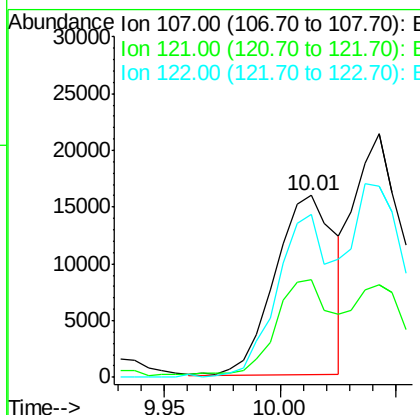
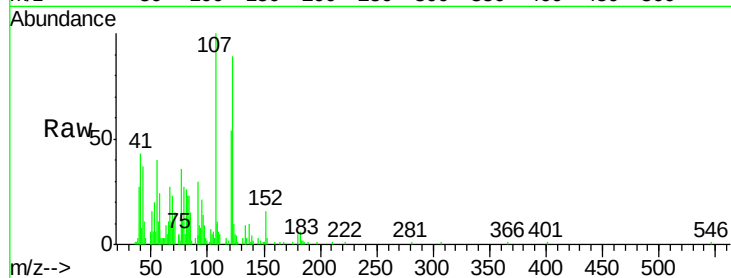




#24
 2,4-Dimethylphenol
 Concen: 5541.50 ng/ul
 RT: 10.01 min Scan# 1221
 Delta R.T. 0.01 min
 Lab File: BG018368.D
 Acq: 11 Aug 2015 00:06

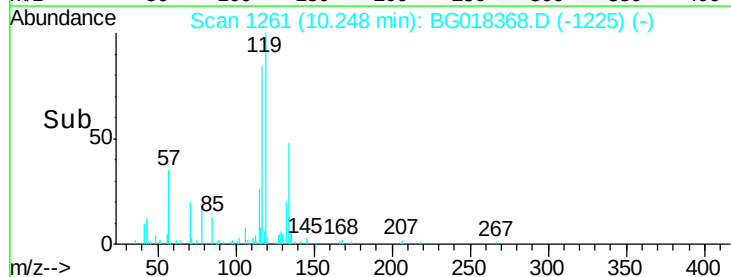
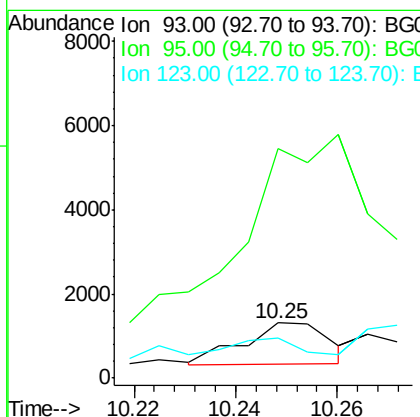
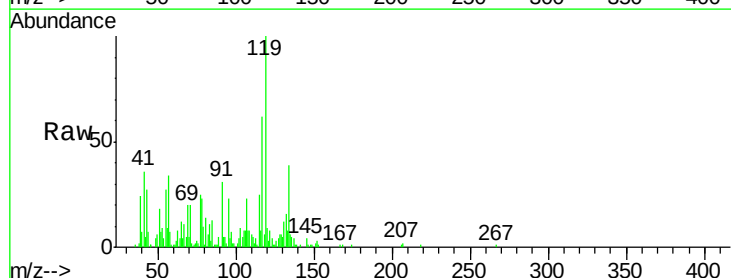
Instrument :
 BNA_G
 ClientSampleId :
 C01P9RE

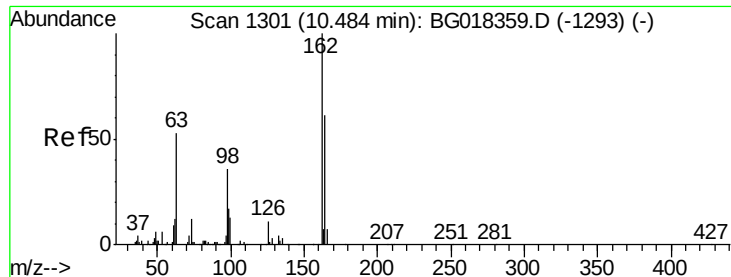
Tgt Ion: 107 Resp: 28680
 Ion Ratio Lower Upper
 107 100
 121 54.0 41.3 61.9
 122 89.3 71.9 107.9



#25
 Bis(2-Chloroethoxy)methane
 Concen: 186.27 ng/ul
 RT: 10.25 min Scan# 1261
 Delta R.T. 0.01 min
 Lab File: BG018368.D
 Acq: 11 Aug 2015 00:06

Tgt Ion: 93 Resp: 1151
 Ion Ratio Lower Upper
 93 100
 95 416.1 24.1 36.1#
 123 73.3 8.9 13.3#





#27

2,4-Dichlorophenol

Concen: 79.55 ng/ul

RT: 10.48 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BG018368.D

Acq: 11 Aug 2015 00:06

Instrument :

BNA_G

ClientSampleId :

C01P9RE

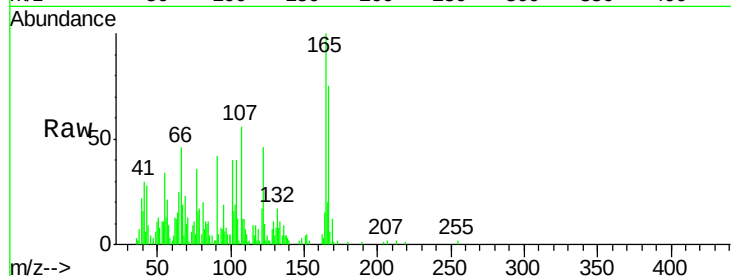
Tgt Ion:162 Resp: 329

Ion Ratio Lower Upper

162 100

164 324.7 51.7 77.5#

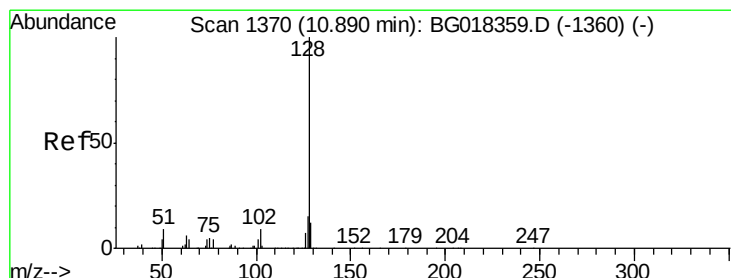
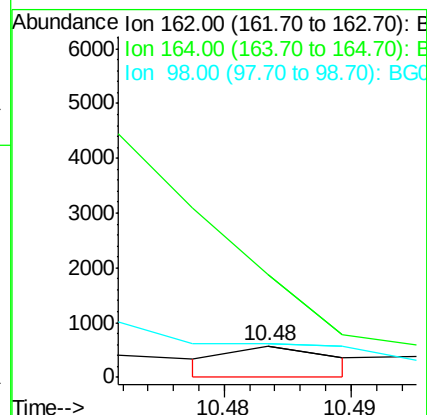
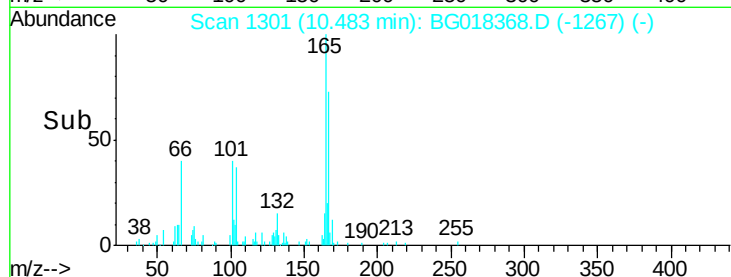
98 104.5 30.4 45.6#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#28

Naphthalene

Concen: 22050.50 ng/ul

RT: 10.89 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BG018368.D

Acq: 11 Aug 2015 00:06

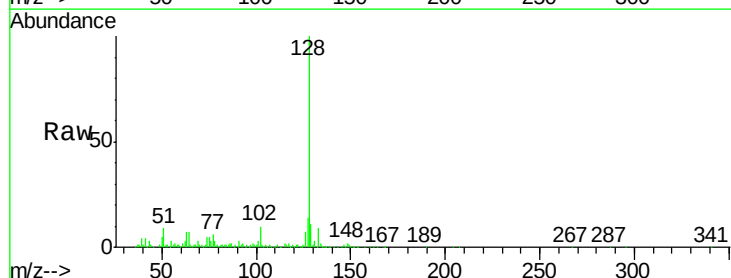
Tgt Ion:128 Resp: 305394

Ion Ratio Lower Upper

128 100

129 10.6 9.6 14.4

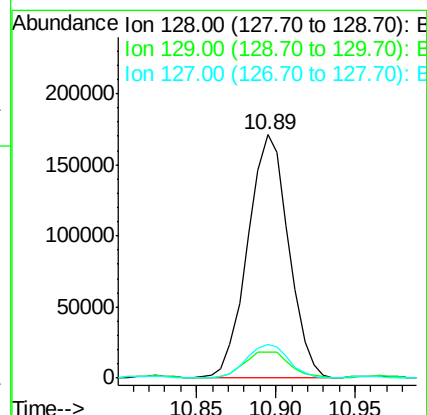
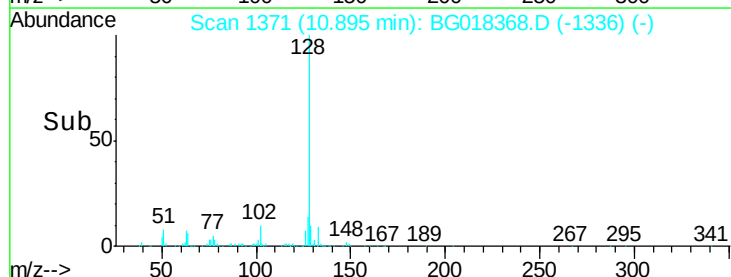
127 14.0 10.5 15.7

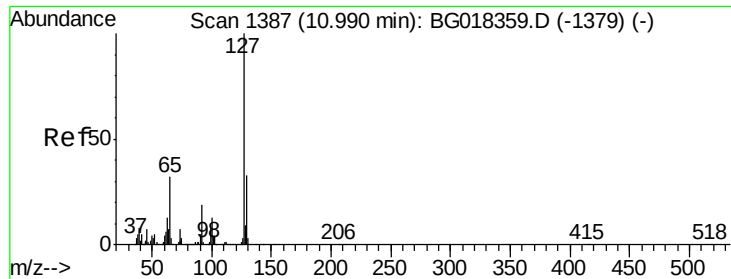


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

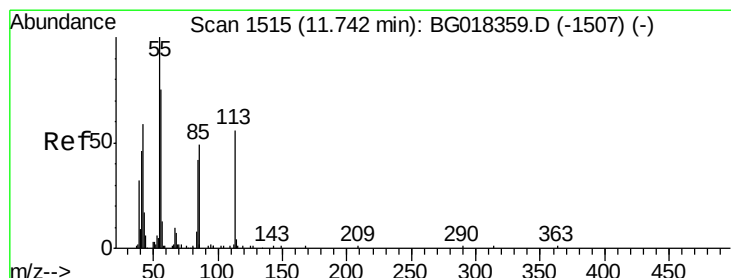
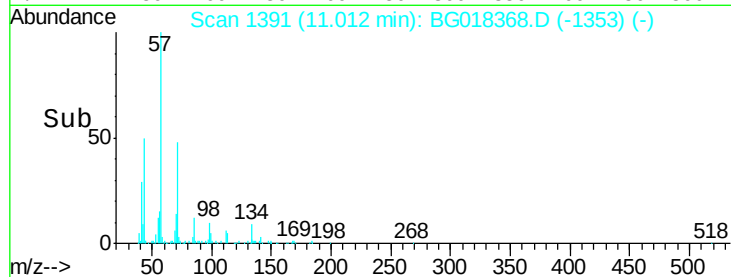
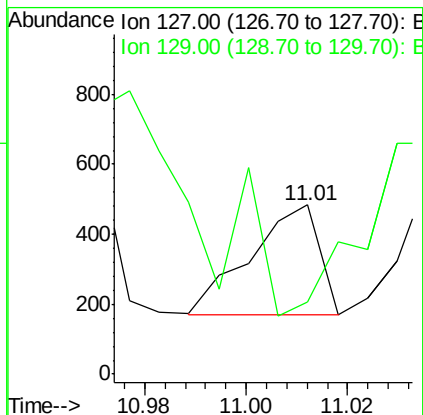
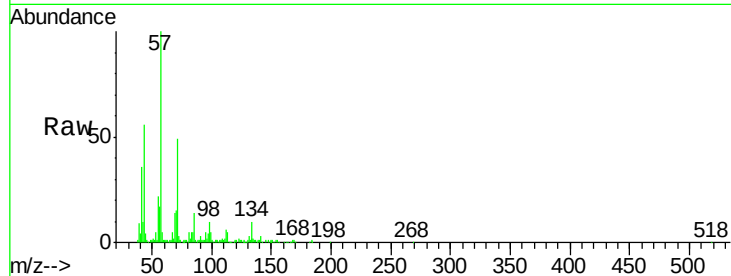




#30
4-Chloroaniline
Concen: 58.53 ng/ul
RT: 11.01 min Scan# 1391
Delta R.T. 0.02 min
Lab File: BG018368.D
Acq: 11 Aug 2015 00:06

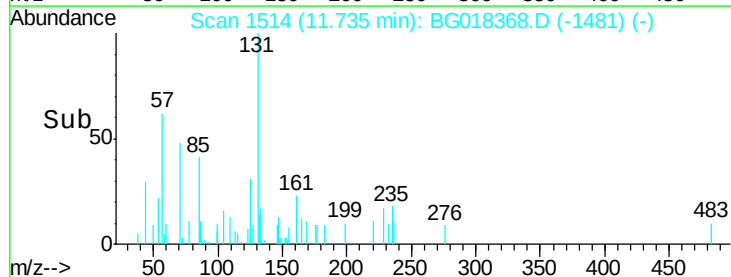
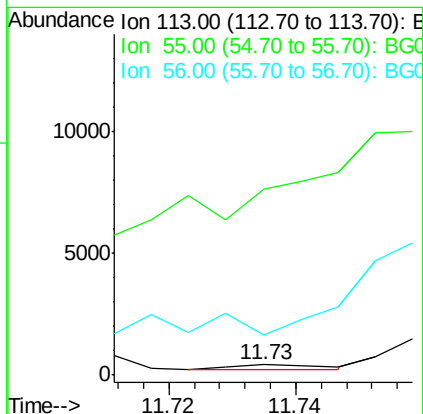
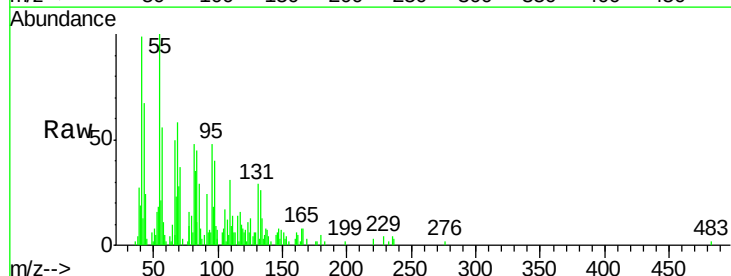
Instrument :
BNA_G
ClientSampleId :
C01P9RE

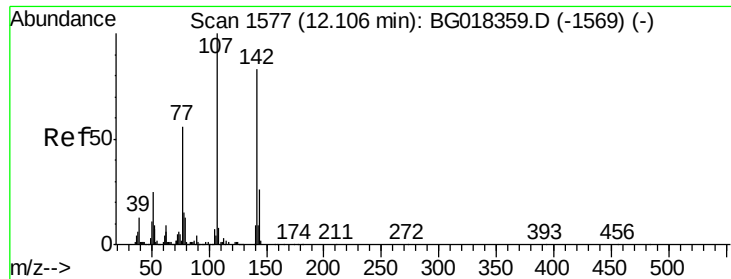
Tgt Ion:127 Resp: 297
Ion Ratio Lower Upper
127 100
129 121.1 26.7 40.1#



#32
Caprolactam
Concen: 101.44 ng/ul
RT: 11.73 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BG018368.D
Acq: 11 Aug 2015 00:06

Tgt Ion:113 Resp: 169
Ion Ratio Lower Upper
113 100
55 1769.4 124.2 186.4#
56 378.0 98.2 147.4#

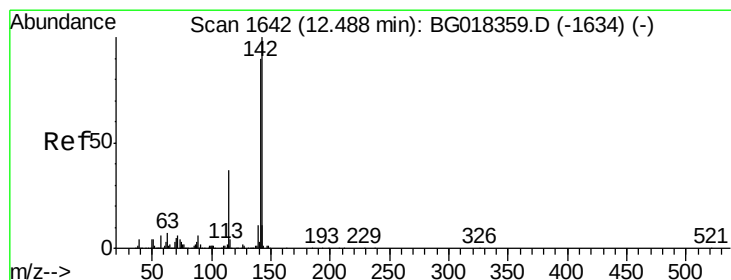
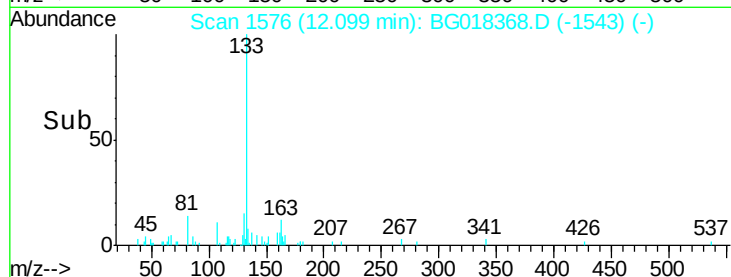
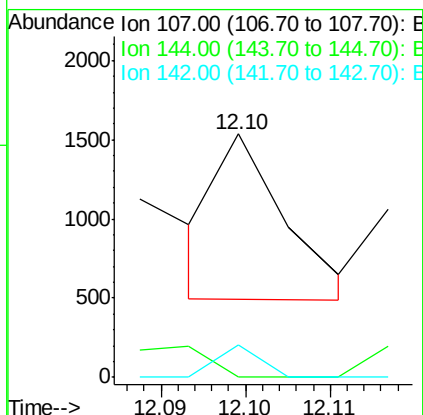
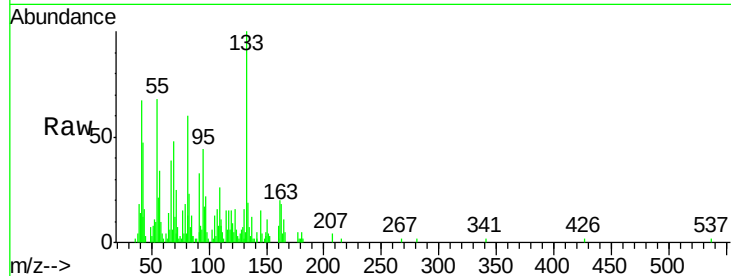




#33
 4-Chloro-3-methylphenol
 Concen: 121.66 ng/ul
 RT: 12.10 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BG018368.D
 Acq: 11 Aug 2015 00:06

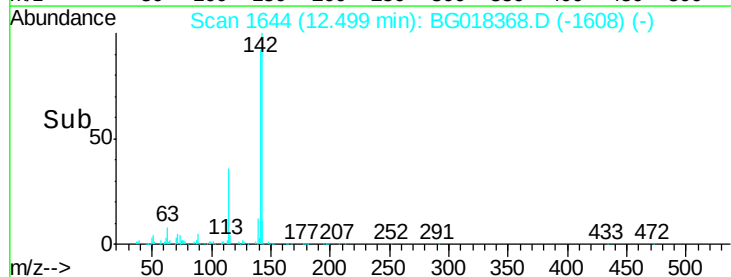
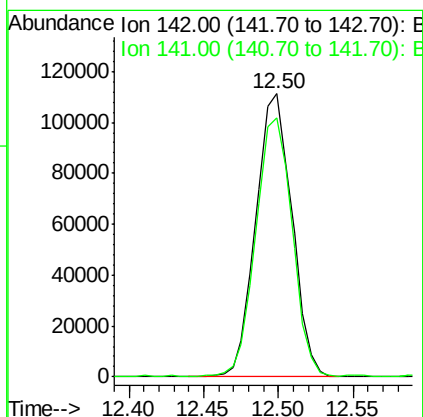
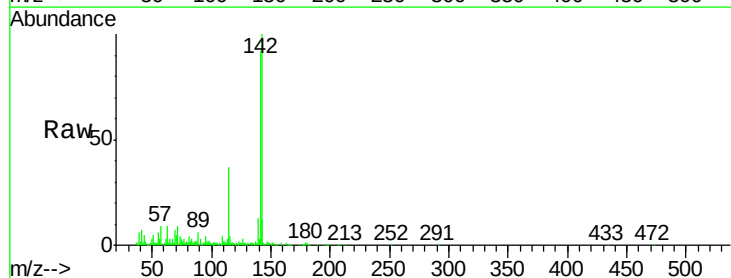
Instrument :
 BNA_G
 ClientSampleId :
 C01P9RE

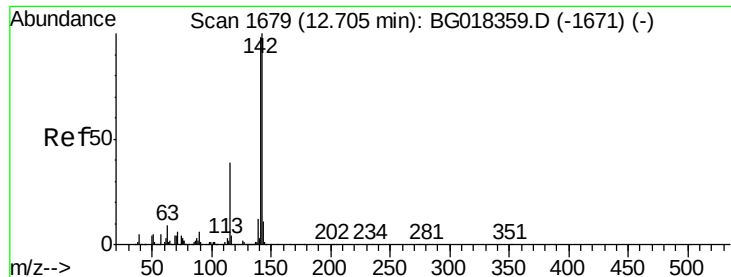
Tgt Ion:107 Resp: 583
 Ion Ratio Lower Upper
 107 100
 144 0.0 21.4 32.2#
 142 13.3 66.0 99.0#



#34
 2-Methylnaphthalene
 Concen: 18593.53 ng/ul
 RT: 12.50 min Scan# 1644
 Delta R.T. 0.01 min
 Lab File: BG018368.D
 Acq: 11 Aug 2015 00:06

Tgt Ion:142 Resp: 186461
 Ion Ratio Lower Upper
 142 100
 141 91.6 78.0 117.0





#35

1-Methylnaphthalene

Concen: 12694.92 ng/ul

RT: 12.72 min Scan# 1681

Delta R.T. 0.01 min

Lab File: BG018368.D

Acq: 11 Aug 2015 00:06

Instrument :

BNA_G

ClientSampleId :

C01P9RE

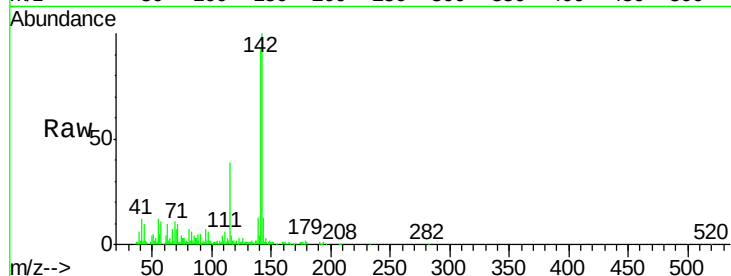
Tgt Ion:142 Resp: 124312

Ion Ratio Lower Upper

142 100

141 93.4 77.1 115.7

116 3.8 3.5 5.3

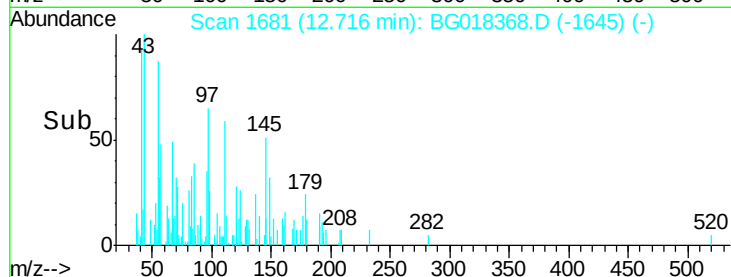


Abundance Ion 142.00 (141.70 to 142.70): E

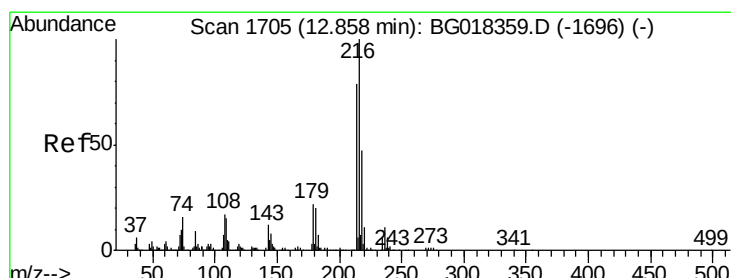
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

Time-->



Time-->



#37

1,2,4,5-Tetrachlorobenzene

Concen: 18.47 ng/ul

RT: 12.88 min Scan# 1709

Delta R.T. 0.02 min

Lab File: BG018368.D

Acq: 11 Aug 2015 00:06

Tgt Ion:216 Resp: 170

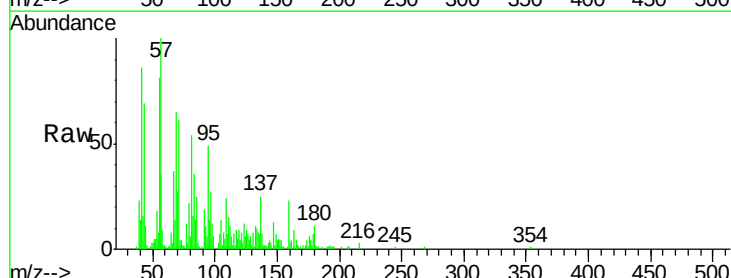
Ion Ratio Lower Upper

216 100

214 0.0 62.5 93.7#

179 233.7 18.2 27.2#

108 174.0 14.6 22.0#



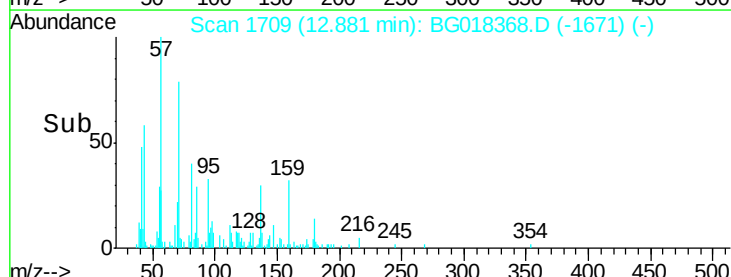
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

Time-->



Time-->

Time-->

Time-->

Time-->

Time-->

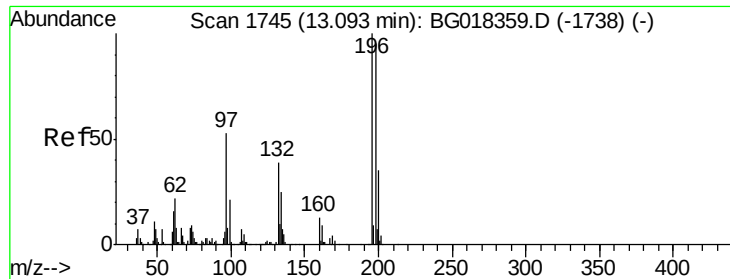
Time-->

Time-->

Time-->

Time-->

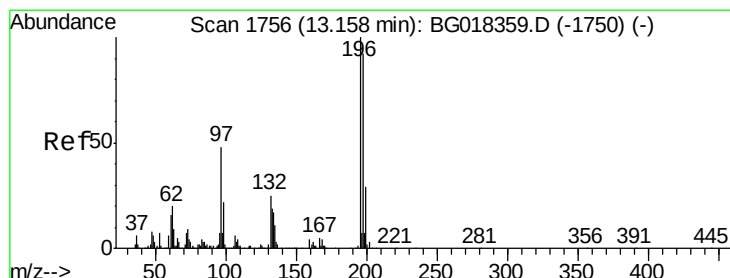
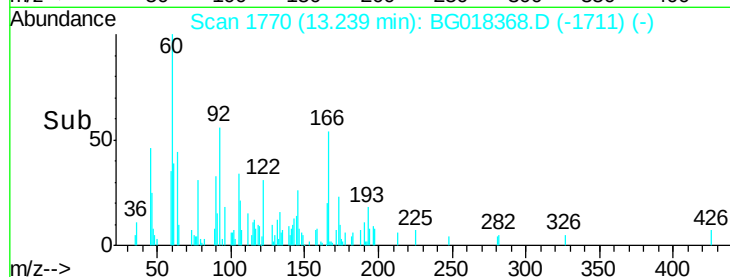
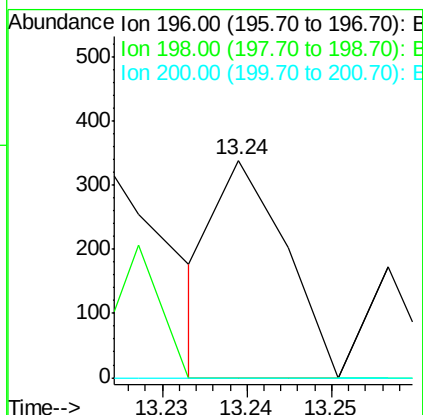
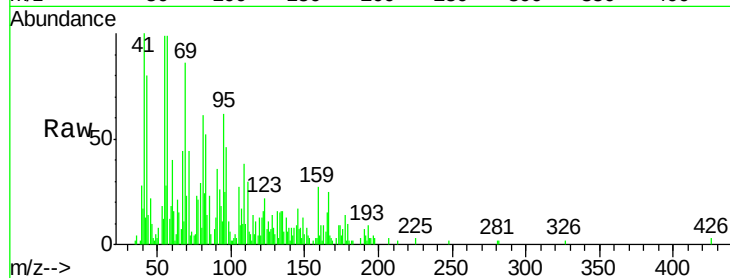
Time-->



#39
 2,4,6-Trichlorophenol
 Concen: 30.47 ng/ul
 RT: 13.24 min Scan# 1770
 Delta R.T. 0.15 min
 Lab File: BG018368.D
 Acq: 11 Aug 2015 00:06

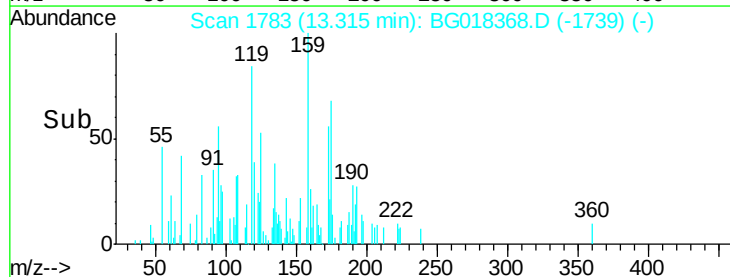
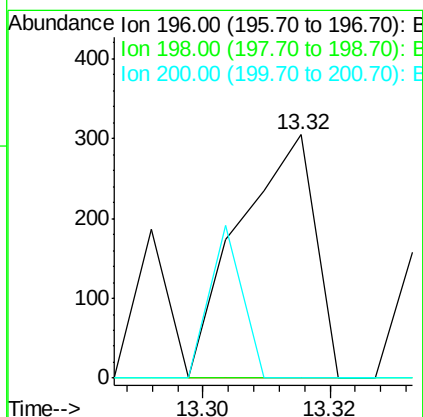
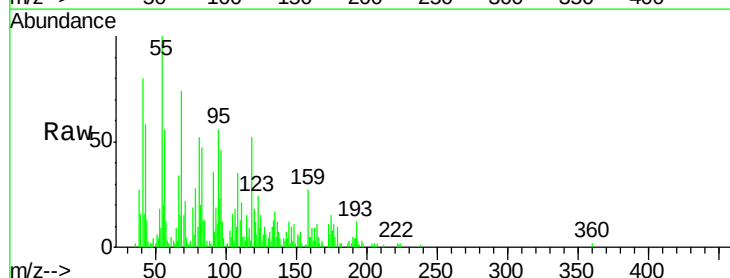
Instrument :
 BNA_G
 ClientSampleId :
 C01P9RE

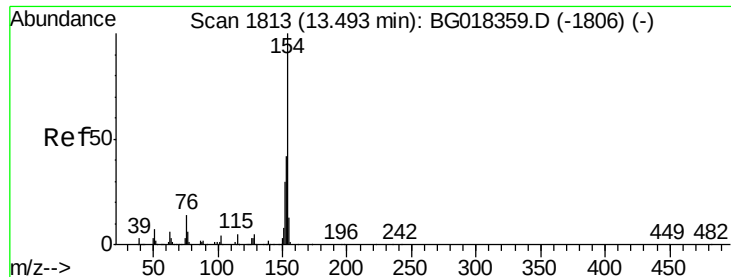
Tgt Ion	Ratio	Lower	Upper
196	100		
198	0.0	78.5	117.7#
200	0.0	25.1	37.7#



#40
 2,4,5-Trichlorophenol
 Concen: 37.39 ng/ul
 RT: 13.32 min Scan# 1783
 Delta R.T. 0.16 min
 Lab File: BG018368.D
 Acq: 11 Aug 2015 00:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	0.0	74.2	111.4#
200	0.0	25.2	37.8#

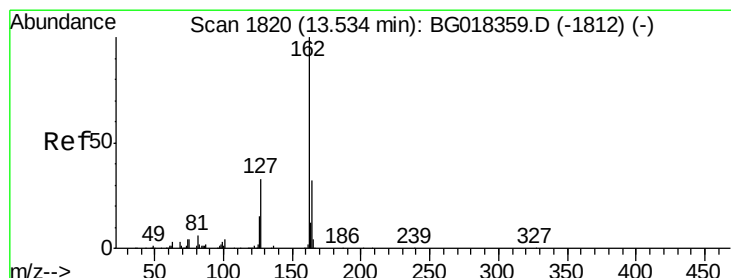
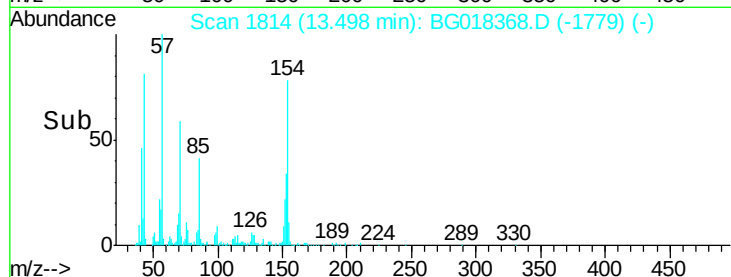
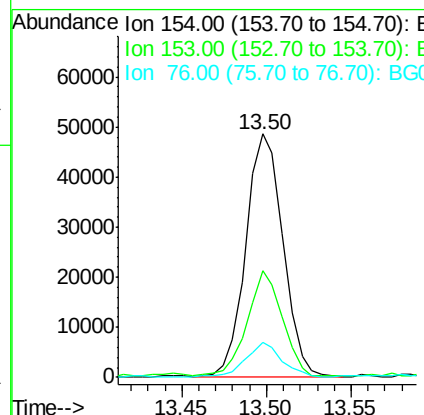
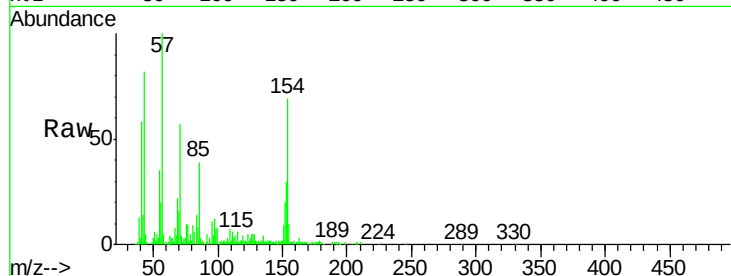




#41
 1,1'-Biphenyl
 Concen: 3121.68 ng/ul
 RT: 13.50 min Scan# 1814
 Delta R.T. 0.00 min
 Lab File: BG018368.D
 Acq: 11 Aug 2015 00:06

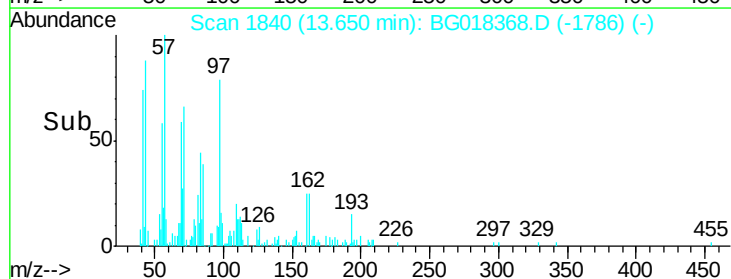
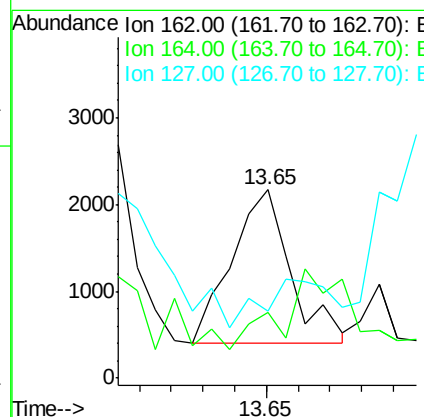
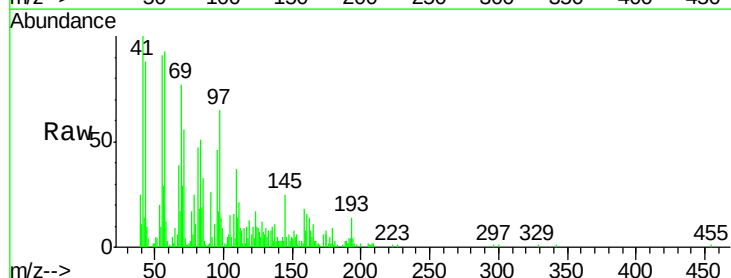
Instrument :
 BNA_G
 ClientSampleId :
 C01P9RE

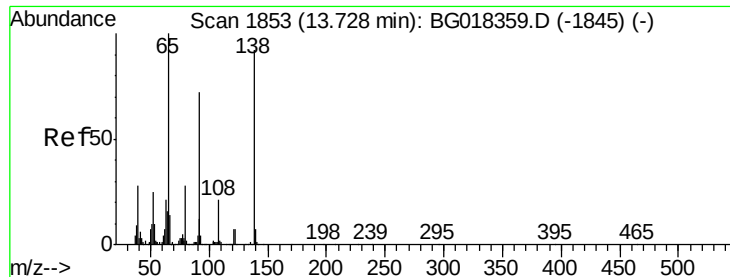
Tgt Ion:154 Resp: 74774
 Ion Ratio Lower Upper
 154 100
 153 43.8 35.2 52.8
 76 14.4 10.6 16.0



#42
 2-Chloronaphthalene
 Concen: 122.27 ng/ul
 RT: 13.65 min Scan# 1840
 Delta R.T. 0.12 min
 Lab File: BG018368.D
 Acq: 11 Aug 2015 00:06

Tgt Ion:162 Resp: 2275
 Ion Ratio Lower Upper
 162 100
 164 34.7 24.8 37.2
 127 35.9 30.3 45.5

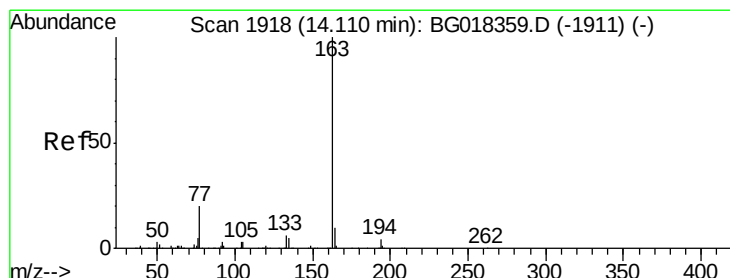
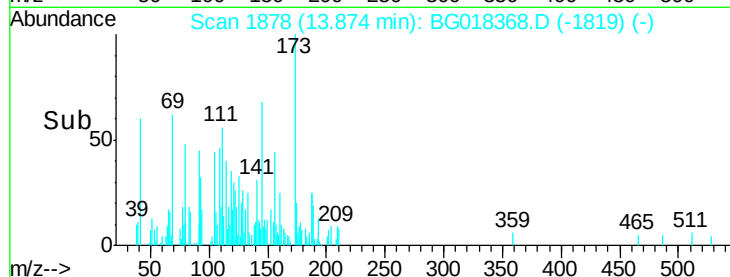
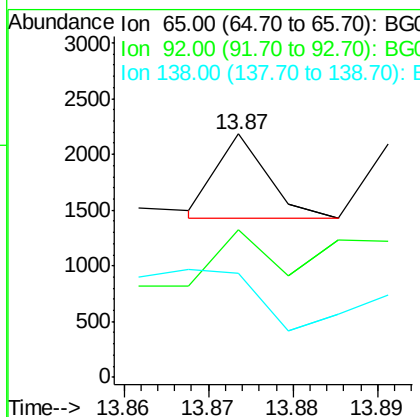
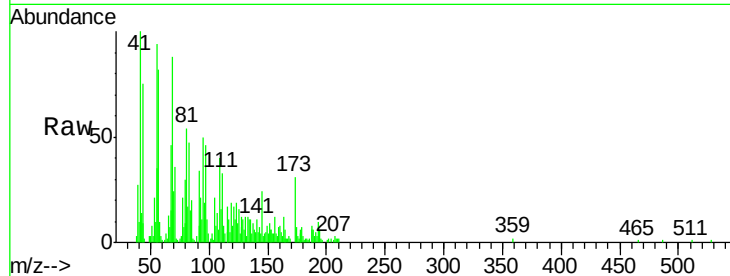




#43
2-Nitroaniline
Concen: 52.44 ng/ul
RT: 13.87 min Scan# 1878
Delta R.T. 0.15 min
Lab File: BG018368.D
Acq: 11 Aug 2015 00:06

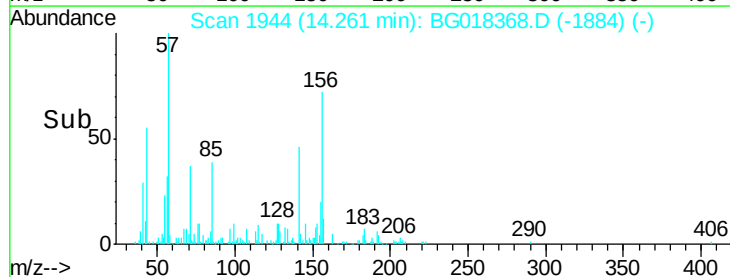
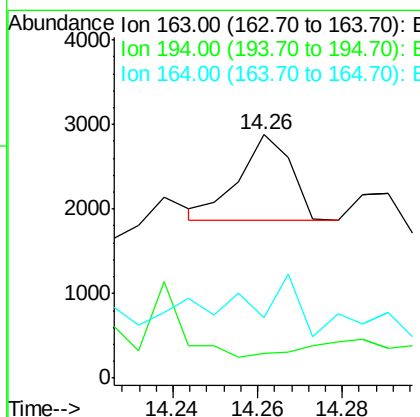
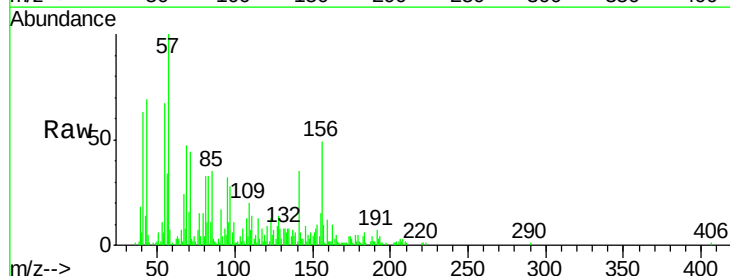
Instrument :
BNA_G
ClientSampleId :
C01P9RE

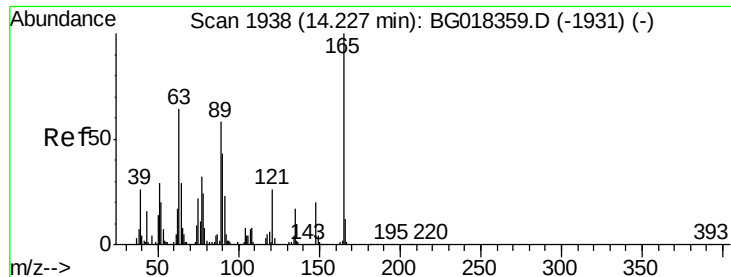
Tgt Ion: 65 Resp: 315
Ion Ratio Lower Upper
65 100
92 60.6 51.1 76.7
138 42.7 75.1 112.7#



#45
Dimethylphthalate
Concen: 35.94 ng/ul
RT: 14.26 min Scan# 1944
Delta R.T. 0.15 min
Lab File: BG018368.D
Acq: 11 Aug 2015 00:06

Tgt Ion: 163 Resp: 856
Ion Ratio Lower Upper
163 100
194 10.0 2.9 4.3#
164 25.0 7.7 11.5#





#46

2,6-Dinitrotoluene

Concen: 235.48 ng/ul

RT: 14.37 min Scan# 1963

Delta R.T. 0.15 min

Lab File: BG018368.D

Acq: 11 Aug 2015 00:06

Instrument :

BNA_G

ClientSampleId :

C01P9RE

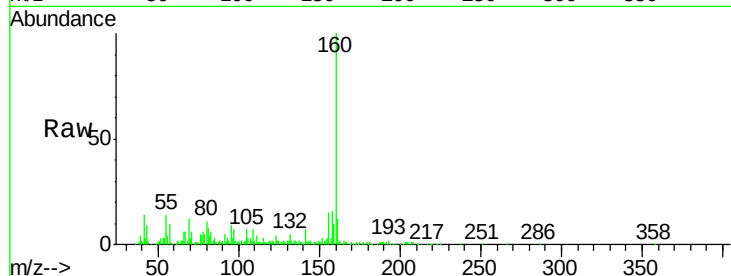
Tgt Ion:165 Resp: 1117

Ion Ratio Lower Upper

165 100

89 39.2 50.2 75.2#

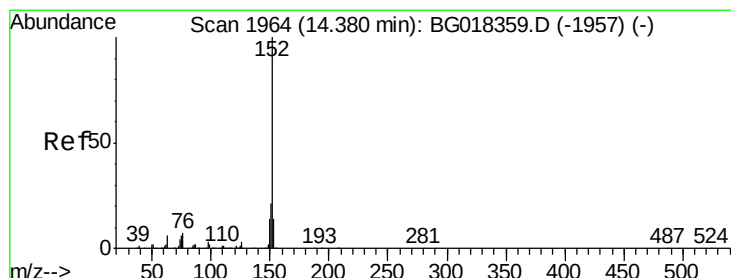
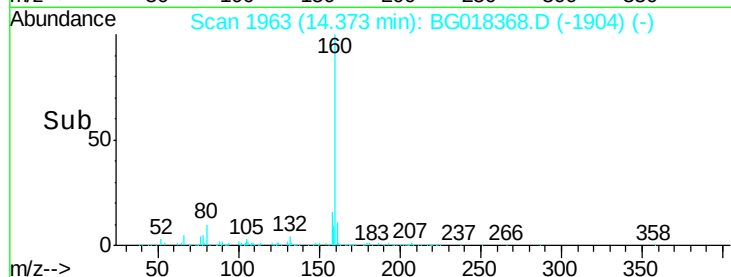
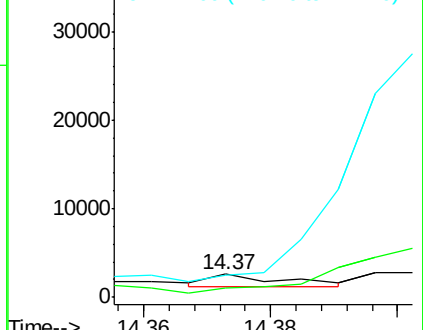
121 93.4 19.4 29.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E



#48

Acenaphthylene

Concen: 500.28 ng/ul

RT: 14.57 min Scan# 1997

Delta R.T. 0.19 min

Lab File: BG018368.D

Acq: 11 Aug 2015 00:06

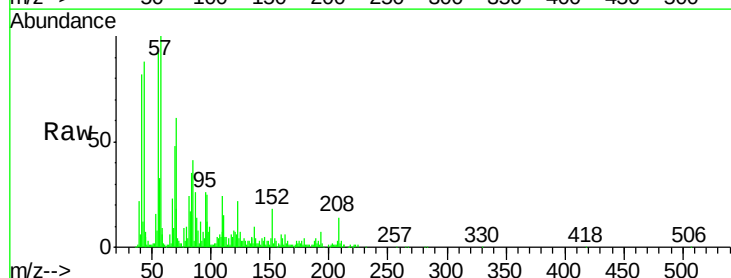
Tgt Ion:152 Resp: 15257

Ion Ratio Lower Upper

152 100

151 20.7 15.4 23.2

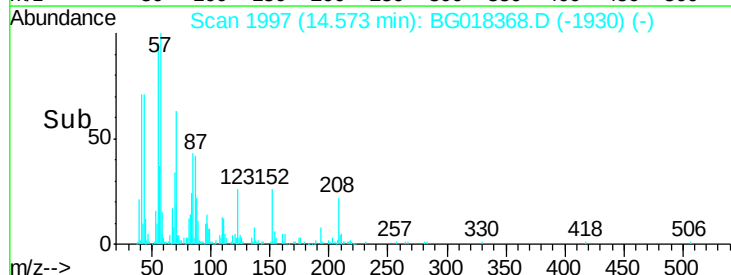
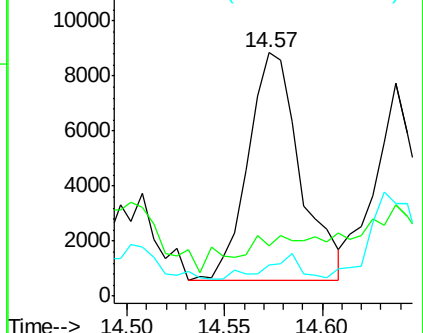
153 12.5 10.8 16.2

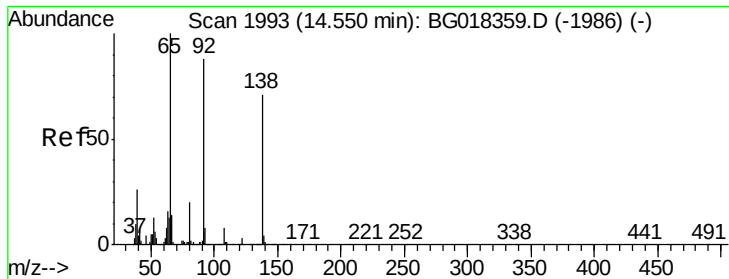


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

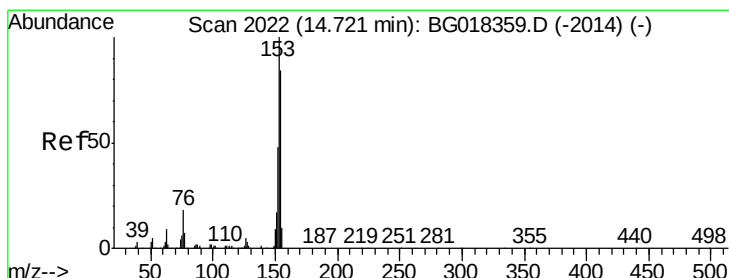
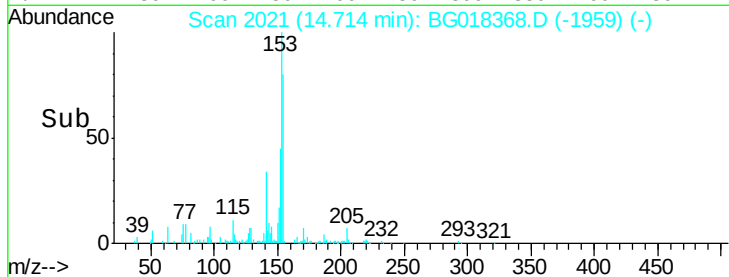
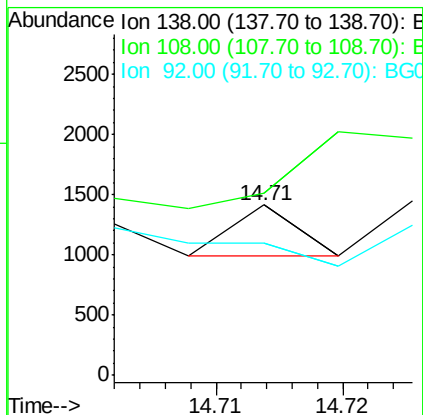
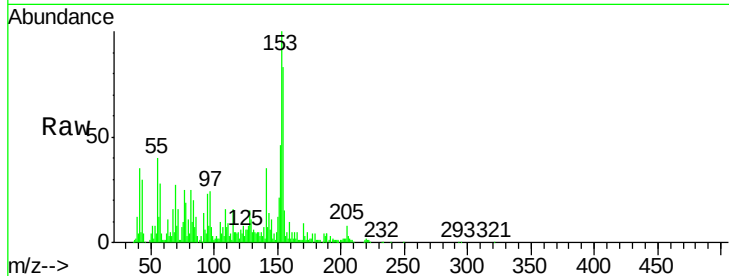




#49
3-Nitroaniline
Concen: 31.62 ng/ul
RT: 14.71 min Scan# 2021
Delta R.T. 0.16 min
Lab File: BG018368.D
Acq: 11 Aug 2015 00:06

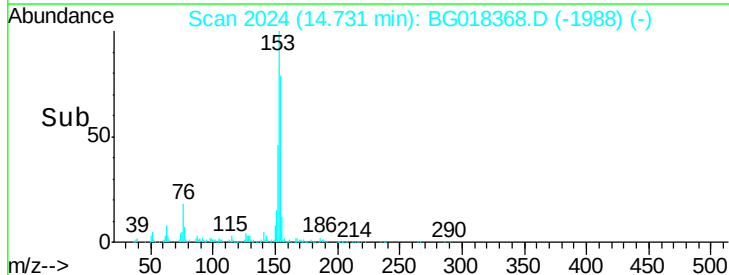
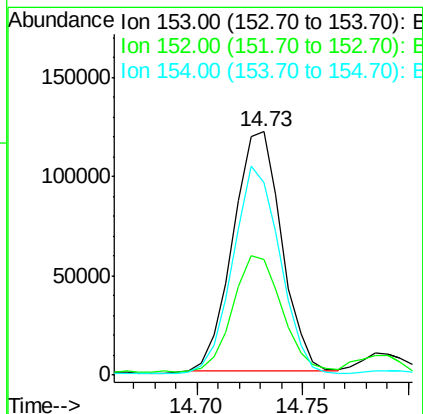
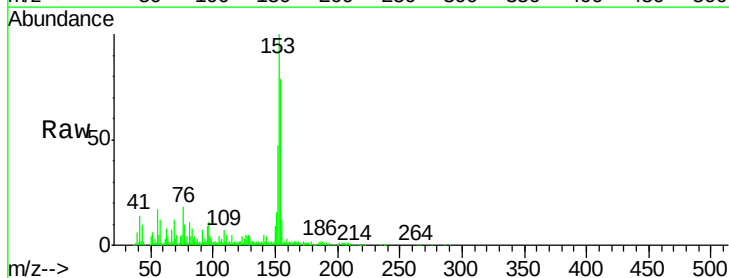
Instrument :
BNA_G
ClientSampleId :
C01P9RE

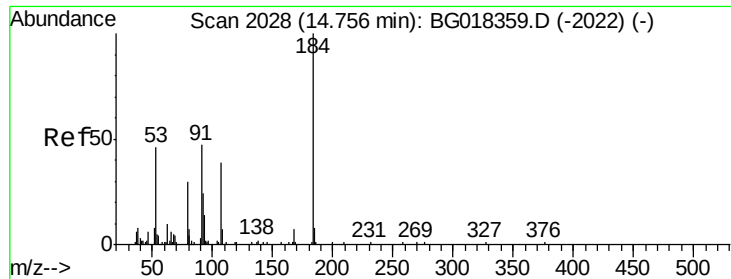
Tgt Ion:138 Resp: 153
Ion Ratio Lower Upper
138 100
108 106.7 9.4 14.0#
92 77.7 102.8 154.2#



#50
Acenaphthene
Concen: 9033.42 ng/ul
RT: 14.73 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BG018368.D
Acq: 11 Aug 2015 00:06

Tgt Ion:153 Resp: 193266
Ion Ratio Lower Upper
153 100
152 47.3 38.2 57.4
154 78.8 68.6 103.0

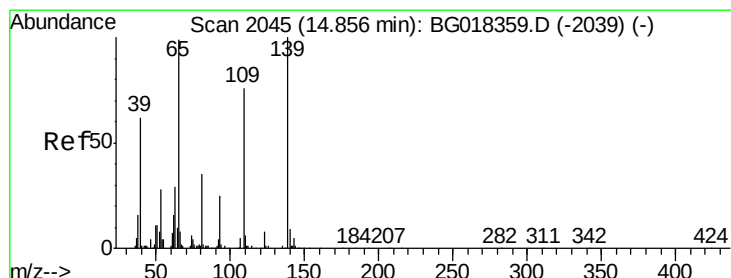
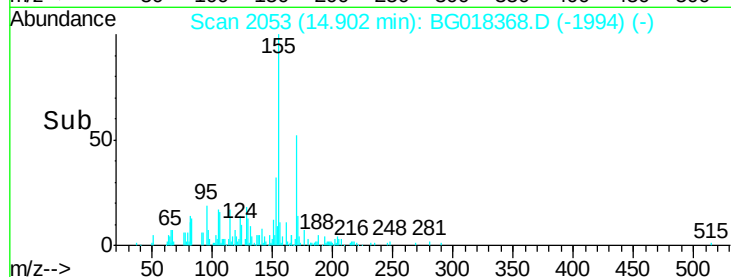
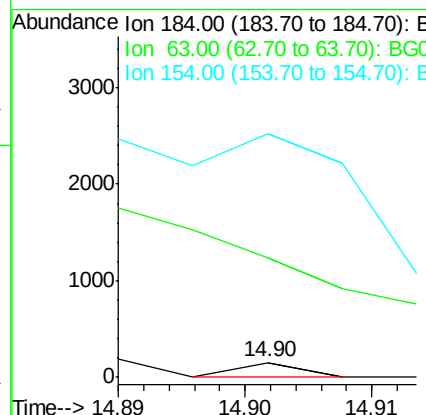
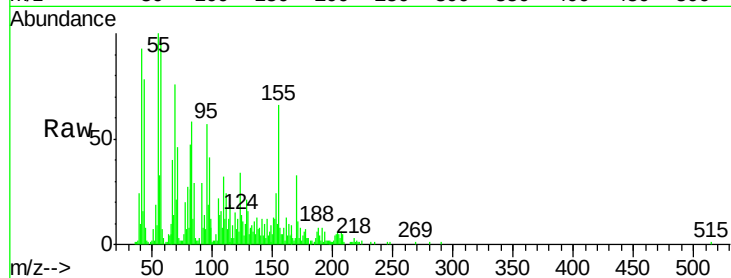




#51
 2,4-Dinitrophenol
 Concen: 23.34 ng/ul
 RT: 14.90 min Scan# 2053
 Delta R.T. 0.15 min
 Lab File: BG018368.D
 Acq: 11 Aug 2015 00:06

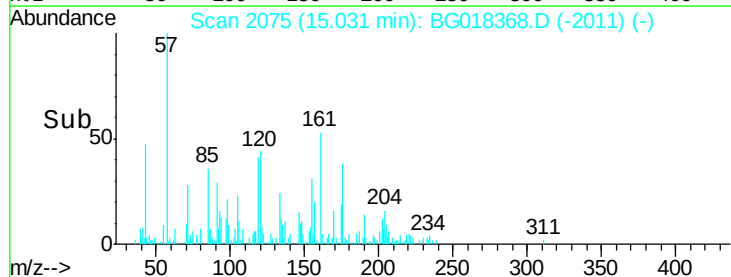
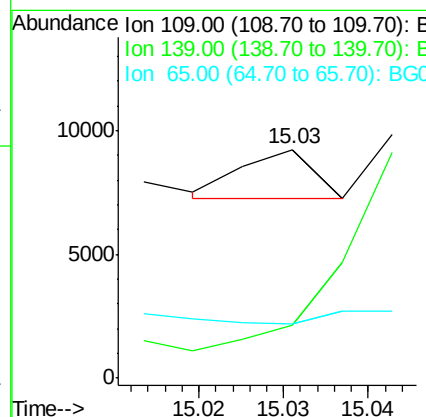
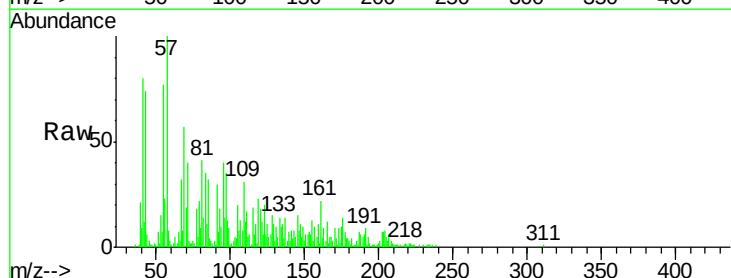
Instrument :
 BNA_G
 ClientSampleId :
 C01P9RE

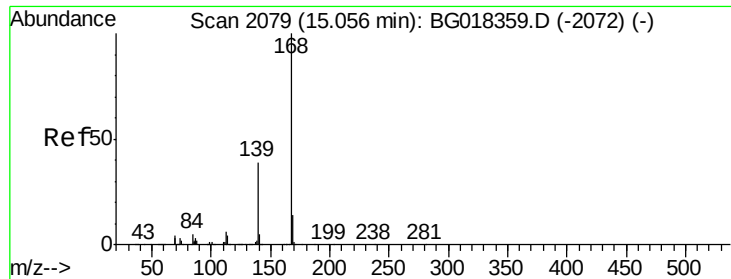
Tgt Ion:184 Resp: 54
 Ion Ratio Lower Upper
 184 100
 63 804.5 55.3 82.9#
 154 1637.7 58.2 87.2#



#53
 4-Nitrophenol
 Concen: 310.38 ng/ul
 RT: 15.03 min Scan# 2075
 Delta R.T. 0.18 min
 Lab File: BG018368.D
 Acq: 11 Aug 2015 00:06

Tgt Ion:109 Resp: 1172
 Ion Ratio Lower Upper
 109 100
 139 23.3 111.3 166.9#
 65 23.9 105.3 157.9#





#54

Dibenzenofuran

Concen: 6425.10 ng/ul

RT: 15.06 min Scan# 2080

Delta R.T. 0.00 min

Lab File: BG018368.D

Acq: 11 Aug 2015 00:06

Instrument :

BNA_G

ClientSampleId :

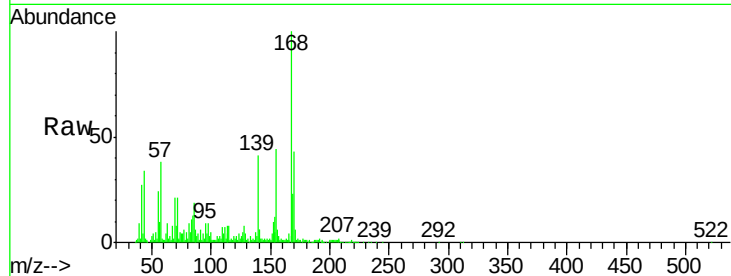
C01P9RE

Tgt Ion:168 Resp: 179622

Ion Ratio Lower Upper

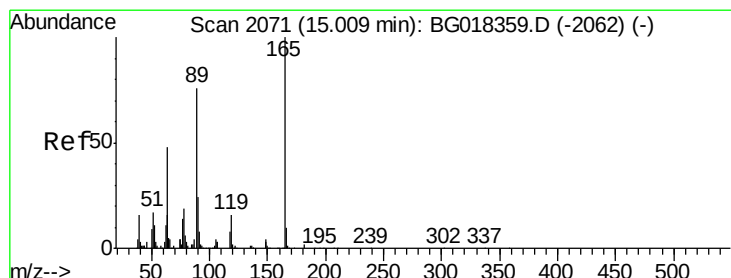
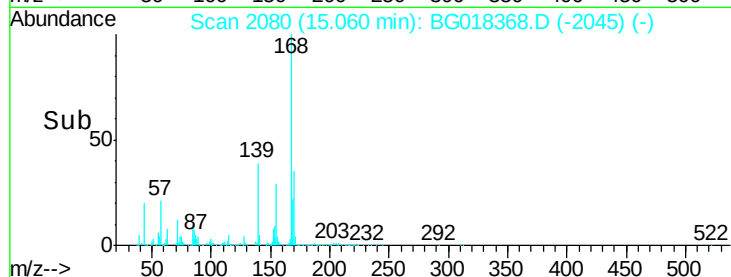
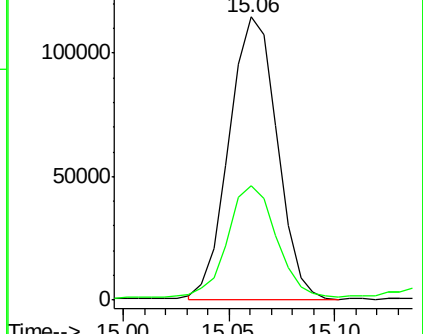
168 100

139 40.6 29.7 44.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 745.46 ng/ul

RT: 15.14 min Scan# 2093

Delta R.T. 0.13 min

Lab File: BG018368.D

Acq: 11 Aug 2015 00:06

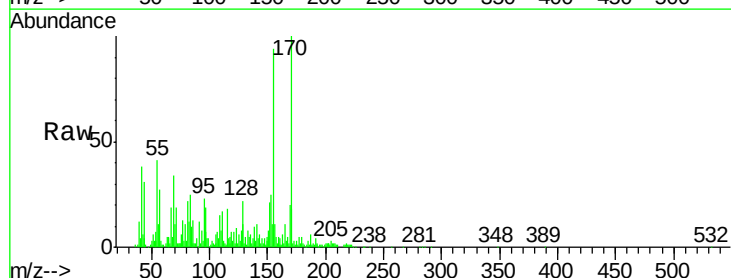
Tgt Ion:165 Resp: 5047

Ion Ratio Lower Upper

165 100

63 42.6 36.7 55.1

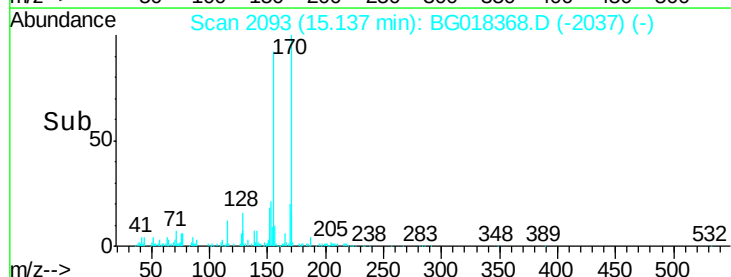
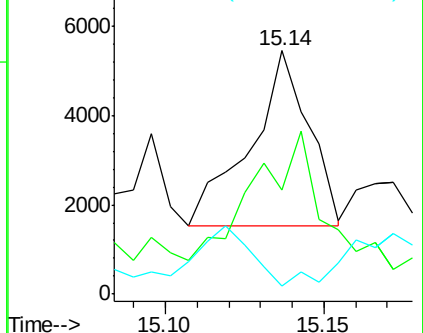
182 3.2 2.2 3.2

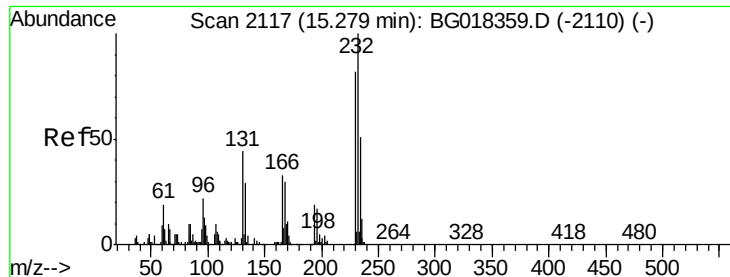


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG018368.D (-2037) (-)

Ion 182.00 (181.70 to 182.70): E





#56

2,3,4,6-Tetrachlorophenol

Concen: 38.66 ng/ul

RT: 15.44 min Scan# 2145

Delta R.T. 0.16 min

Lab File: BG018368.D

Acq: 11 Aug 2015 00:06

Instrument :

BNA_G

ClientSampleId :

C01P9RE

Tgt Ion:232 Resp: 227

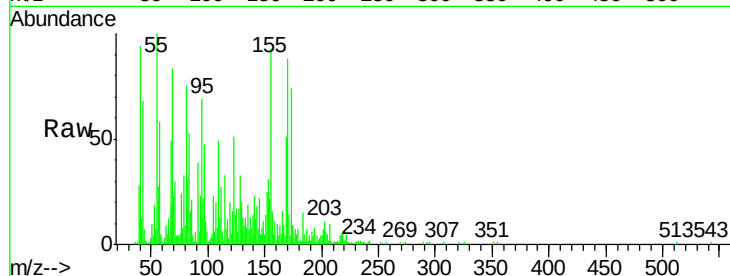
Ion Ratio Lower Upper

232 100

131 646.1 37.4 56.0#

130 346.5 1.4 2.0#

166 226.7 25.8 38.8#

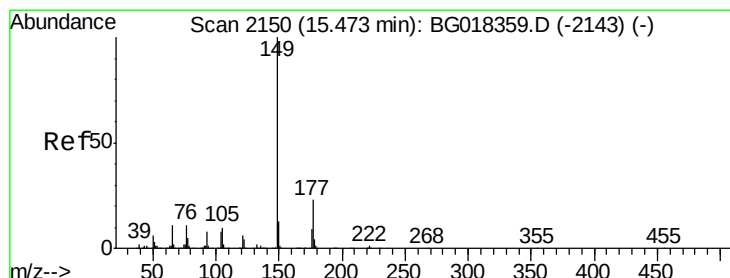
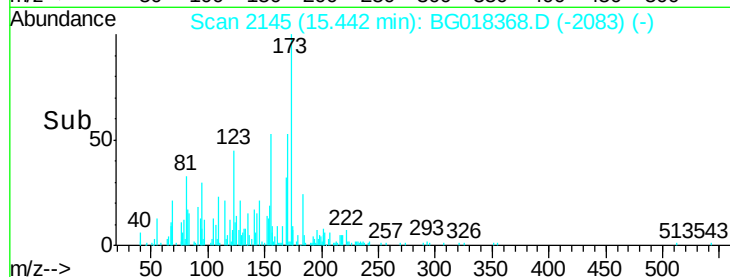
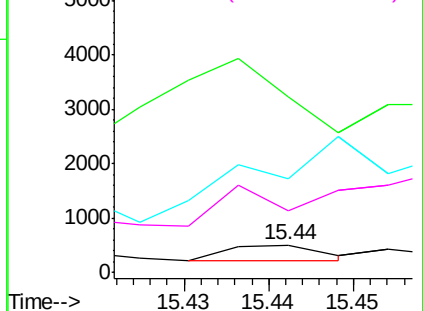


Abundance Ion 232.00 (231.70 to 232.70): E

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



#57

Diethylphthalate

Concen: 14.50 ng/ul

RT: 15.65 min Scan# 2180

Delta R.T. 0.18 min

Lab File: BG018368.D

Acq: 11 Aug 2015 00:06

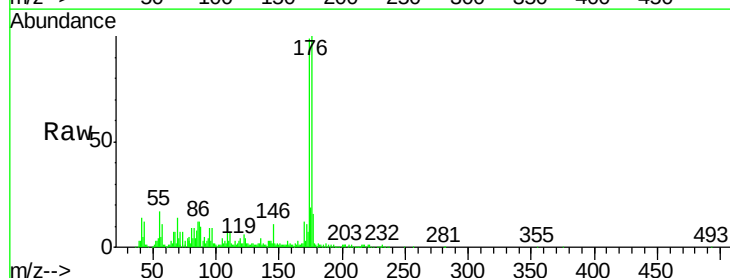
Tgt Ion:149 Resp: 367

Ion Ratio Lower Upper

149 100

177 847.0 18.2 27.4#

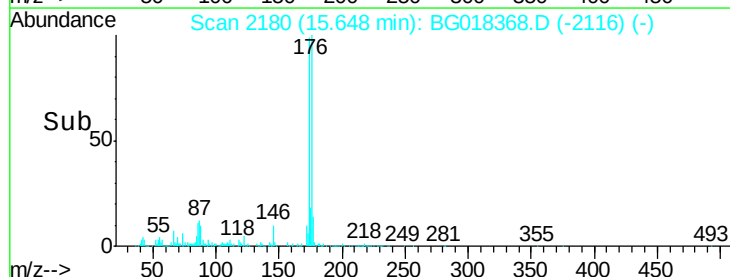
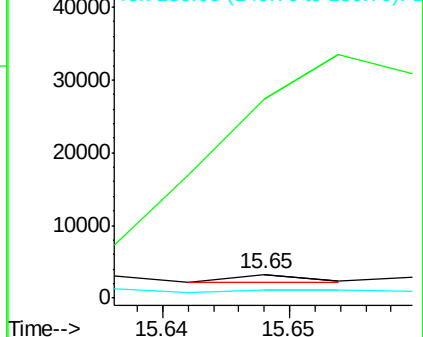
150 35.8 9.7 14.5#

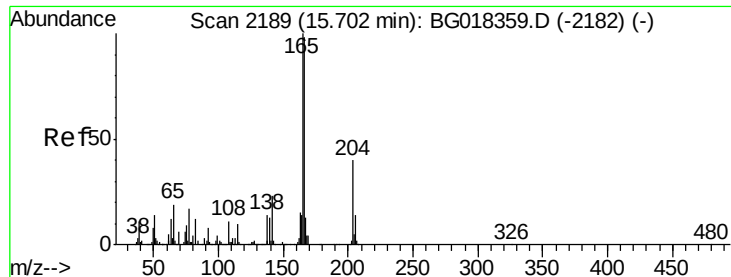


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 8272.34 ng/ul

RT: 15.71 min Scan# 2190

Delta R.T. 0.00 min

Lab File: BG018368.D

Acq: 11 Aug 2015 00:06

Instrument :

BNA_G

ClientSampleId :

C01P9RE

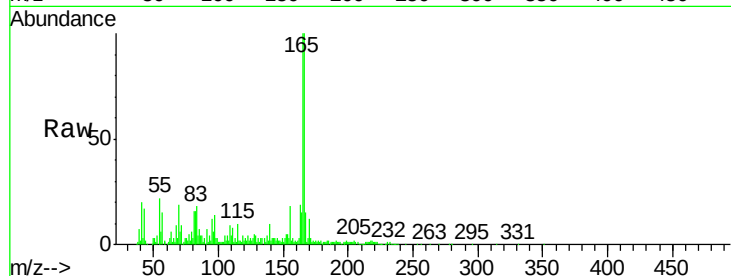
Tgt Ion:166 Resp: 198940

Ion Ratio Lower Upper

166 100

165 99.9 82.6 124.0

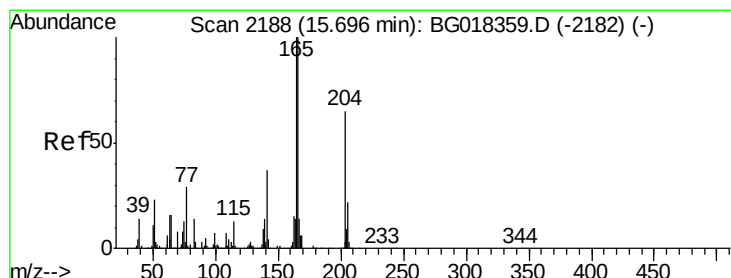
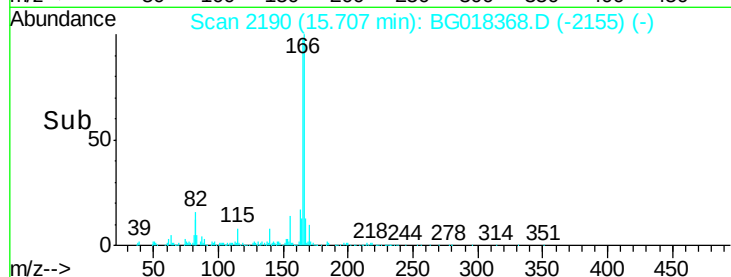
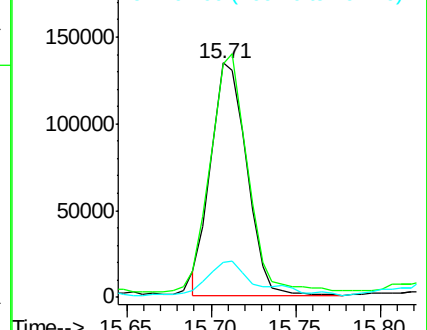
167 15.2 11.4 17.0



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



#60

4-Chlorophenyl-phenylether

Concen: 16.17 ng/ul

RT: 15.87 min Scan# 2217

Delta R.T. 0.17 min

Lab File: BG018368.D

Acq: 11 Aug 2015 00:06

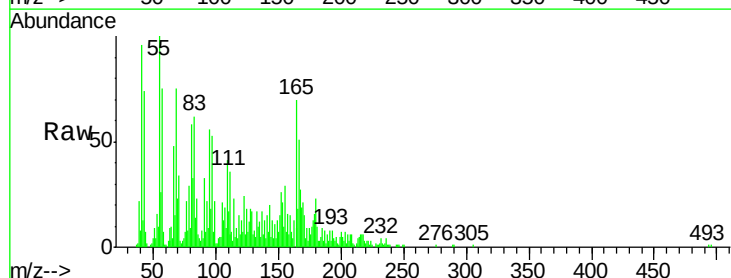
Tgt Ion:204 Resp: 184

Ion Ratio Lower Upper

204 100

206 132.7 27.1 40.7#

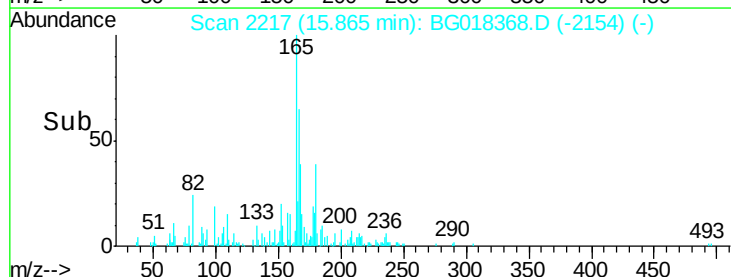
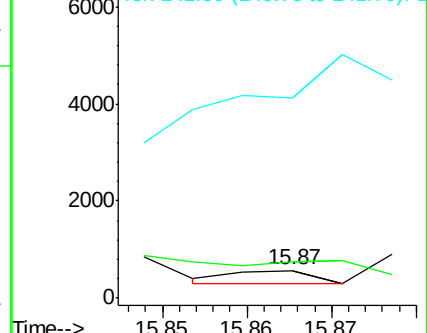
141 722.4 47.1 70.7#

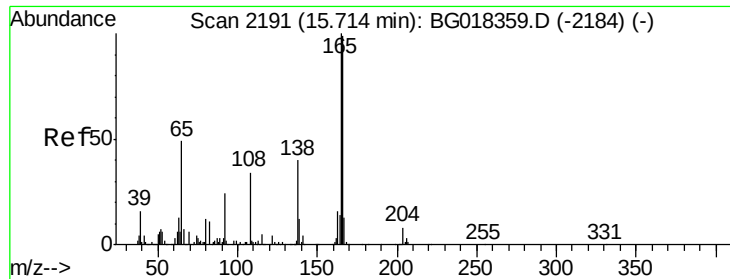


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

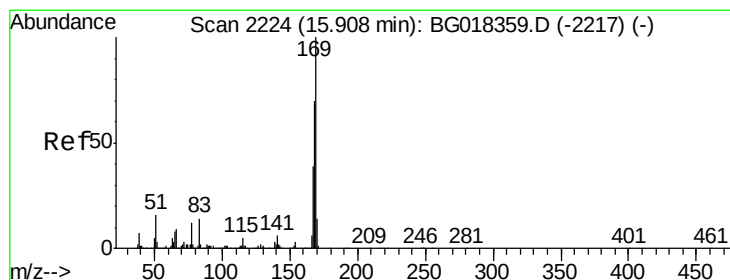
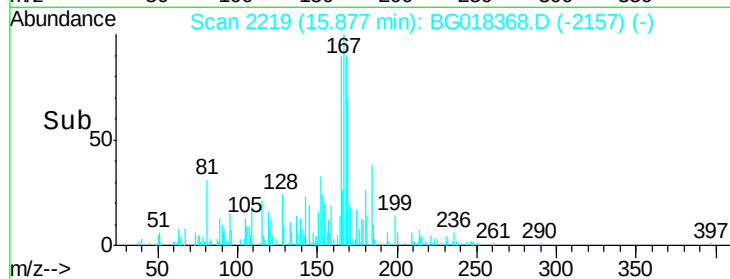
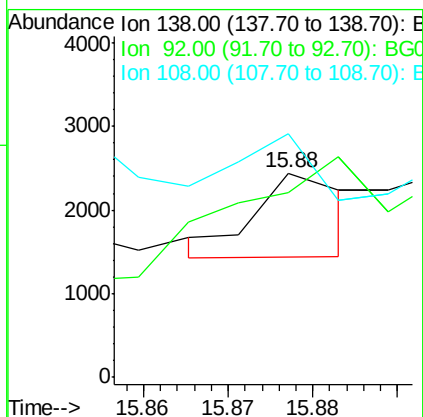
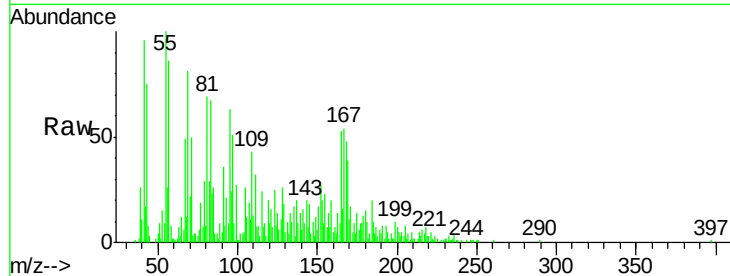




#61
4-Nitroaniline
Concen: 136.58 ng/ul
RT: 15.88 min Scan# 2219
Delta R.T. 0.16 min
Lab File: BG018368.D
Acq: 11 Aug 2015 00:06

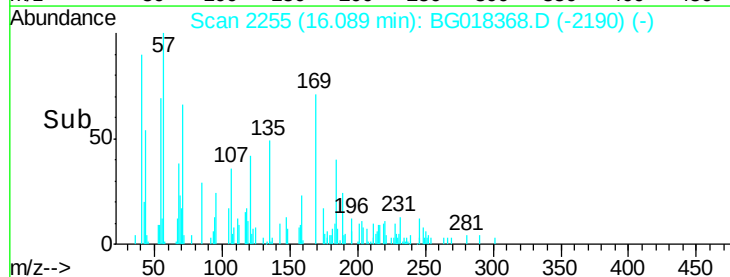
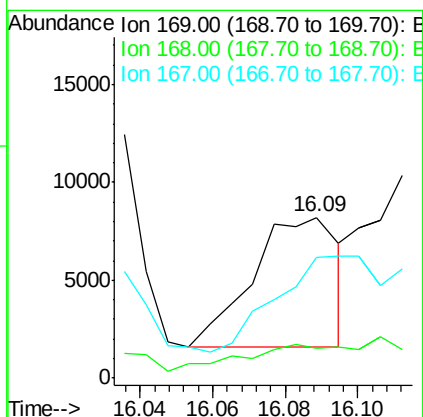
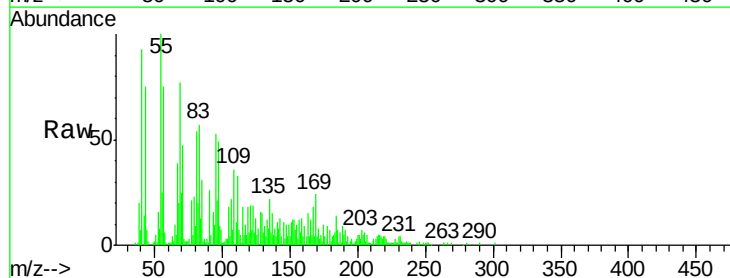
Instrument :
BNA_G
ClientSampleId :
C01P9RE

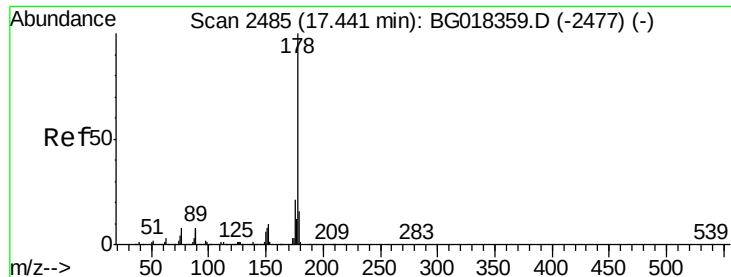
Tgt Ion:138 Resp: 730
Ion Ratio Lower Upper
138 100
92 90.5 44.0 66.0#
108 119.3 64.6 97.0#



#65
N-Nitrosodiphenylamine
Concen: 1.30 ng/ul
RT: 16.09 min Scan# 2255
Delta R.T. 0.18 min
Lab File: BG018368.D
Acq: 11 Aug 2015 00:06

Tgt Ion:169 Resp: 10937
Ion Ratio Lower Upper
169 100
168 18.6 60.2 90.2#
167 74.8 33.4 50.2#





#70

Phenanthrene

Concen: 15.88 ng/ul

RT: 17.55 min Scan# 2503

Delta R.T. 0.10 min

Lab File: BG018368.D

Acq: 11 Aug 2015 00:06

Instrument :

BNA_G

ClientSampleId :

C01P9RE

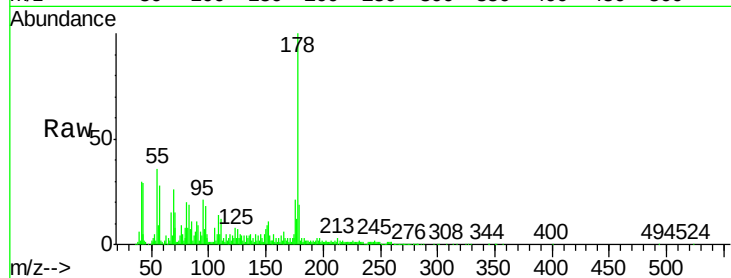
Tgt Ion:178 Resp: 240982

Ion Ratio Lower Upper

178 100

179 19.4 13.7 20.5

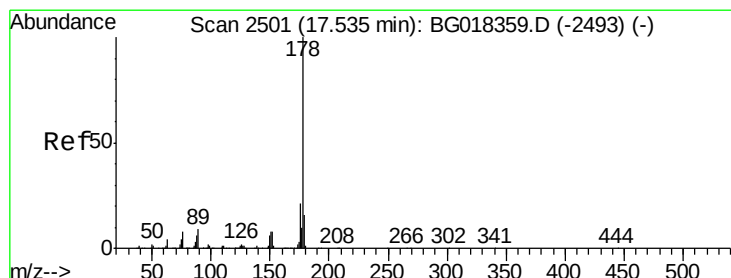
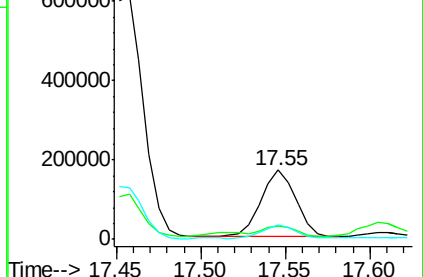
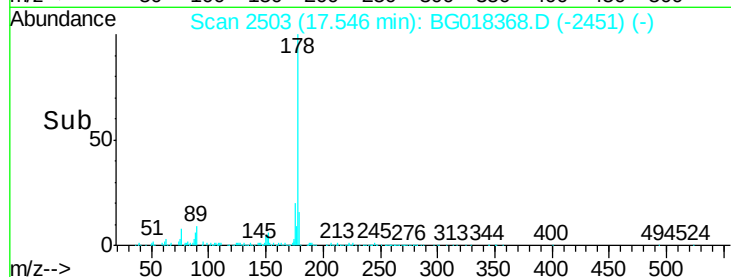
176 20.7 16.6 24.8



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

Anthracene

Concen: 12.80 ng/ul

RT: 17.55 min Scan# 2503

Delta R.T. 0.01 min

Lab File: BG018368.D

Acq: 11 Aug 2015 00:06

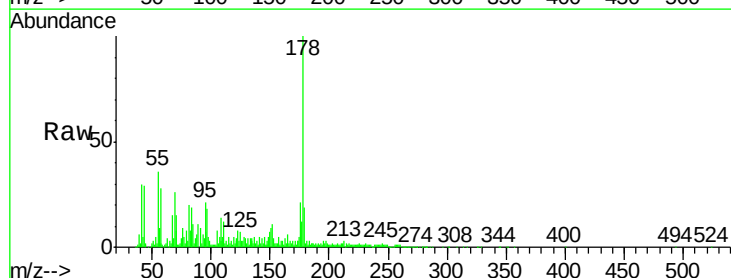
Tgt Ion:178 Resp: 197977

Ion Ratio Lower Upper

178 100

179 19.4 13.0 19.4

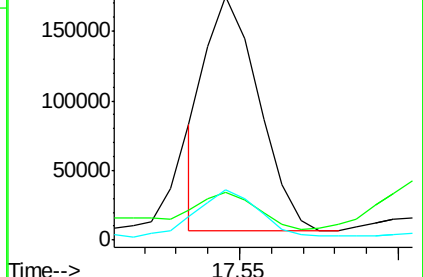
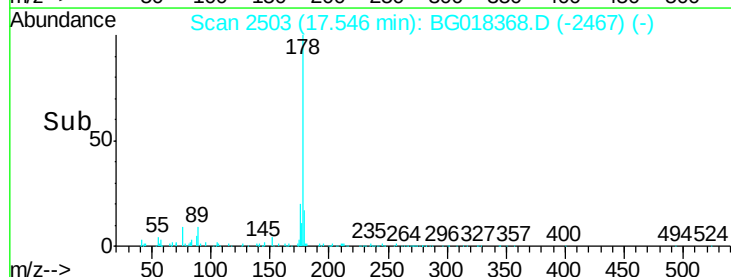
176 20.7 16.0 24.0

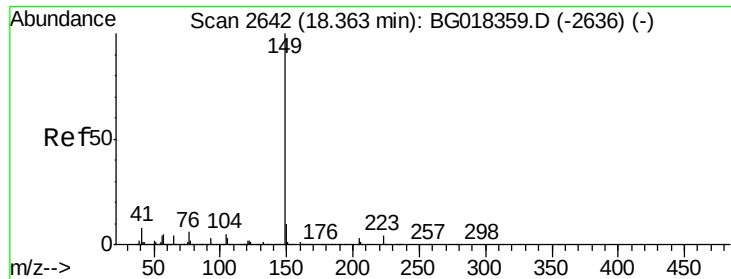


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

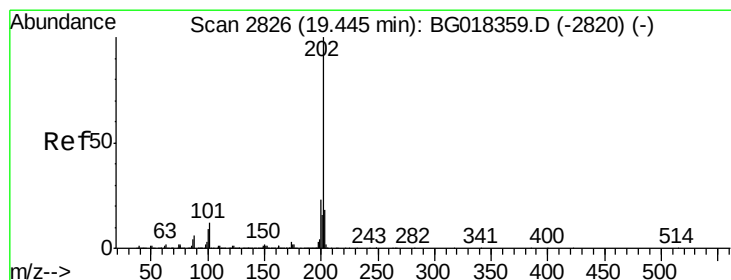
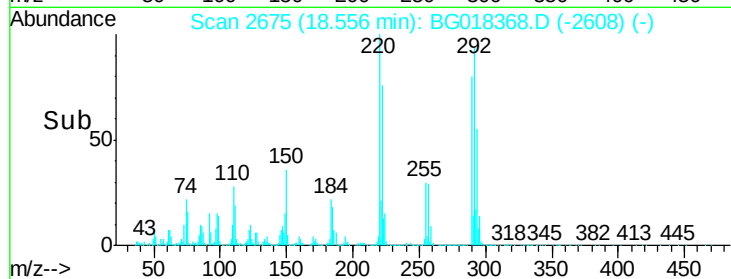
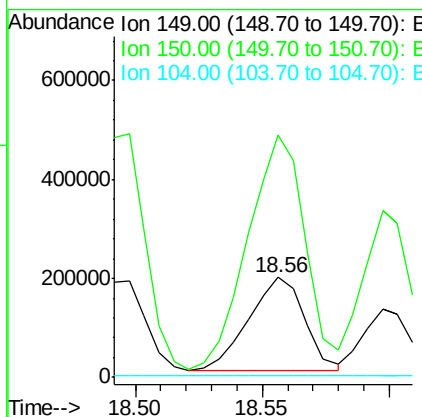
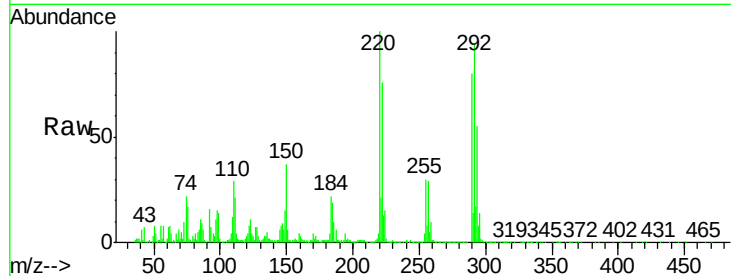




#76
Di-n-butylphthalate
Concen: 16.44 ng/ul
RT: 18.56 min Scan# 2675
Delta R.T. 0.19 min
Lab File: BG018368.D
Acq: 11 Aug 2015 00:06

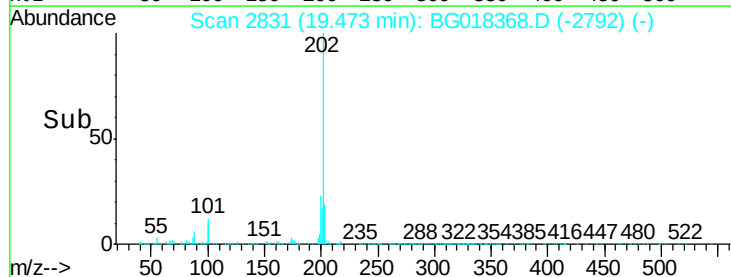
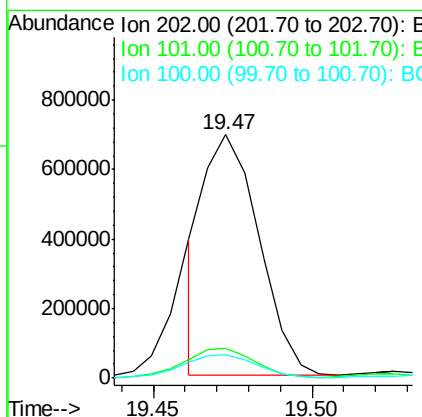
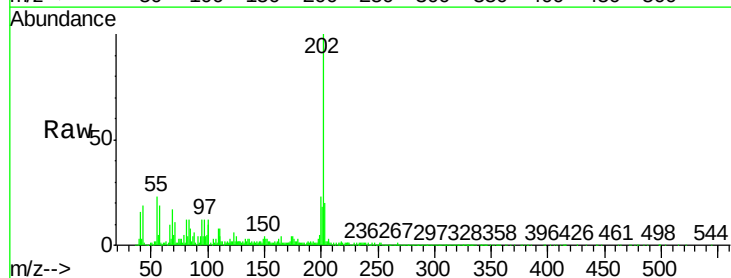
Instrument :
BNA_G
ClientSampleId :
C01P9RE

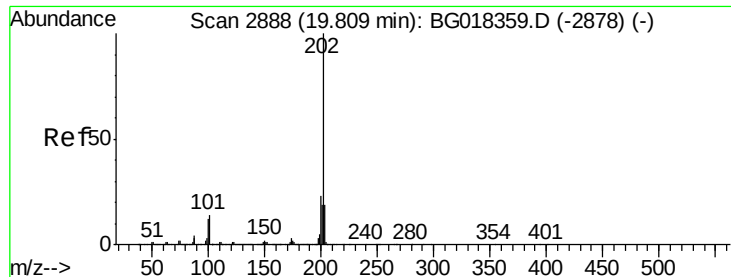
Tgt Ion:149 Resp: 291184
Ion Ratio Lower Upper
149 100
150 242.8 7.5 11.3#
104 1.4 4.3 6.5#



#77
Fluoranthene
Concen: 51.41 ng/ul
RT: 19.47 min Scan# 2831
Delta R.T. 0.03 min
Lab File: BG018368.D
Acq: 11 Aug 2015 00:06

Tgt Ion:202 Resp: 833111
Ion Ratio Lower Upper
202 100
101 12.2 9.7 14.5
100 9.6 7.8 11.8

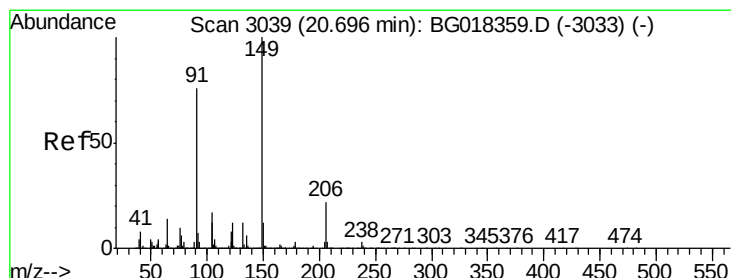
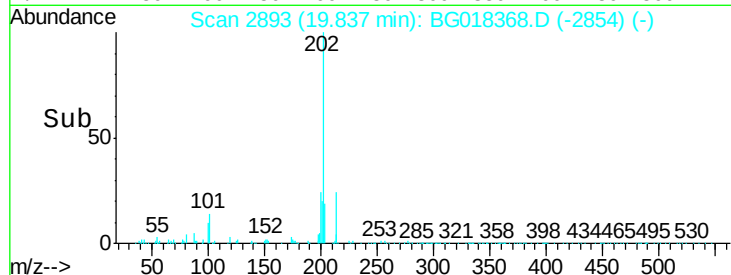
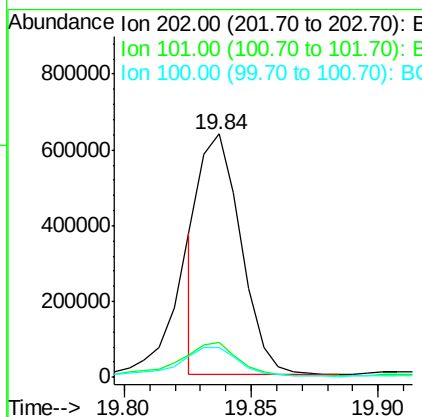
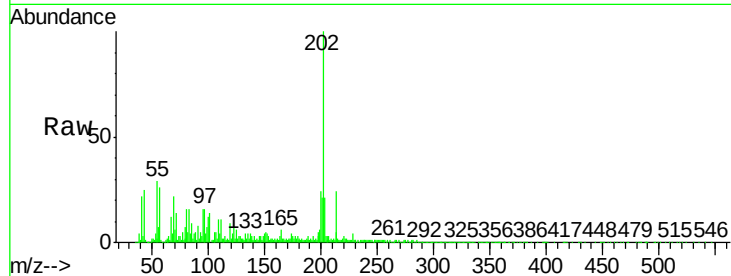




#80
 Pyrene
 Concen: 5272.71 ng/ul
 RT: 19.84 min Scan# 2893
 Delta R.T. 0.03 min
 Lab File: BG018368.D
 Acq: 11 Aug 2015 00:06

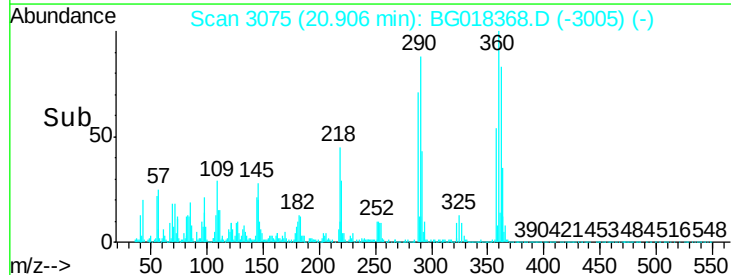
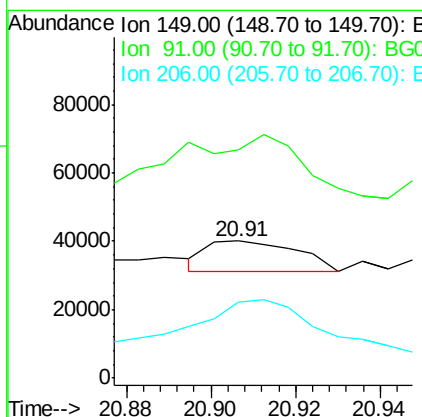
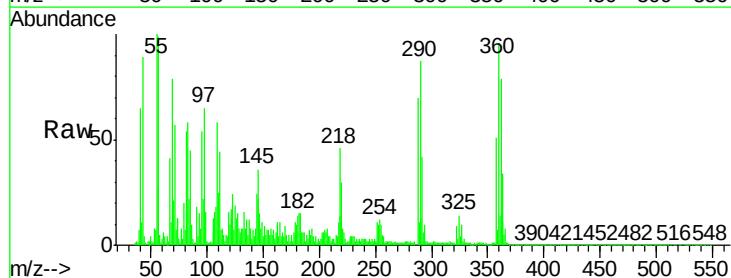
Instrument :
 BNA_G
 ClientSampleId :
 C01P9RE

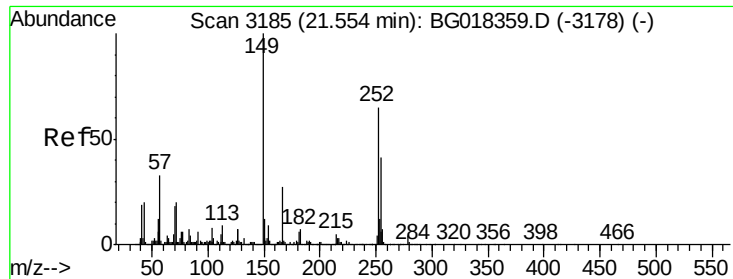
Tgt Ion: 202 Resp: 714100
 Ion Ratio Lower Upper
 202 100
 101 14.2 11.0 16.4
 100 12.0 9.8 14.6



#81
 Butylbenzylphthalate
 Concen: 231.44 ng/ul
 RT: 20.91 min Scan# 3075
 Delta R.T. 0.21 min
 Lab File: BG018368.D
 Acq: 11 Aug 2015 00:06

Tgt Ion: 149 Resp: 13260
 Ion Ratio Lower Upper
 149 100
 91 167.0 57.9 86.9#
 206 55.0 17.9 26.9#





#82

3,3'-Dichlorobenzidine

Concen: 27.38 ng/ul

RT: 21.78 min Scan# 3224

Delta R.T. 0.23 min

Lab File: BG018368.D

Acq: 11 Aug 2015 00:06

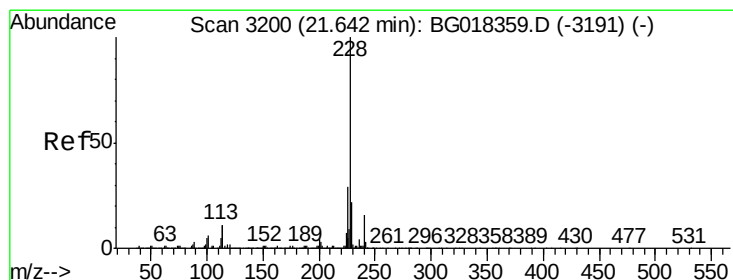
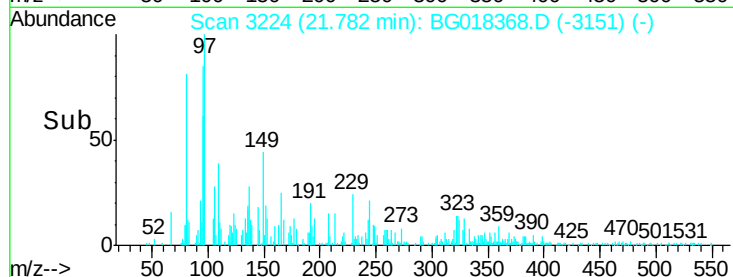
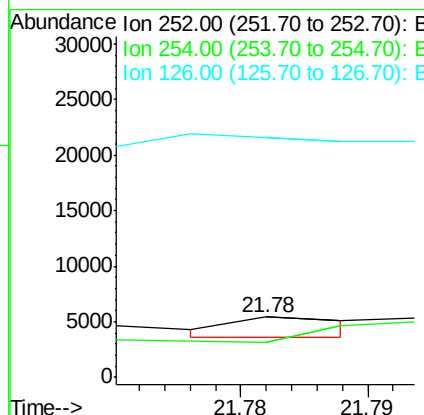
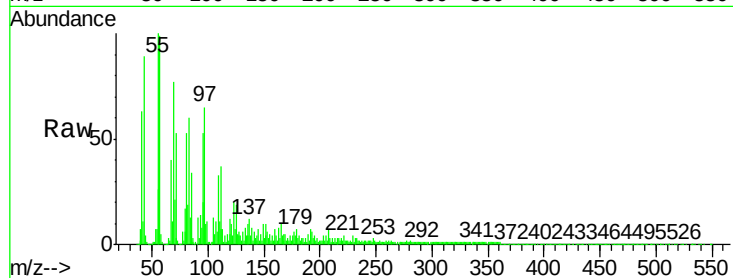
Instrument :

BNA_G

ClientSampled :

C01P9RE

Tgt Ion:	252	Resp:	1139
Ion Ratio	Lower	Upper	
252	100		
254	58.0	50.9	76.3
126	399.3	9.6	14.4#



#83

Benzo(a)anthracene

Concen: 354.96 ng/ul

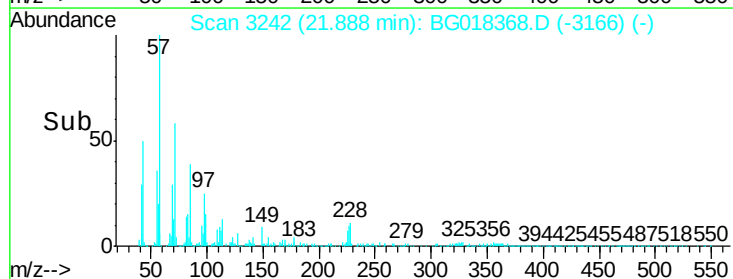
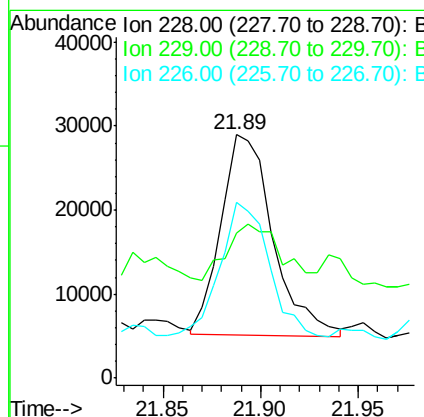
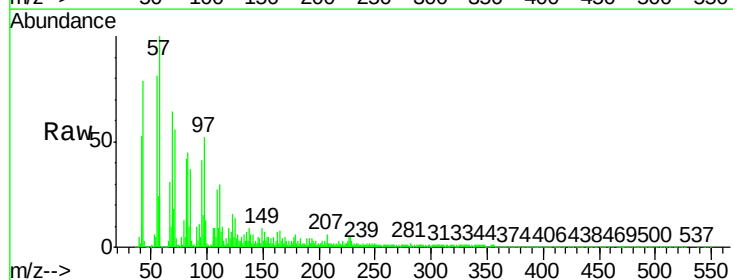
RT: 21.89 min Scan# 3242

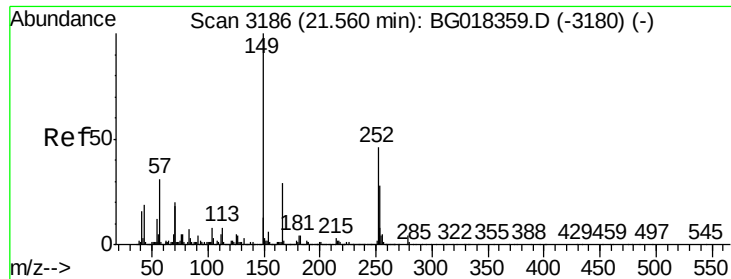
Delta R.T. 0.25 min

Lab File: BG018368.D

Acq: 11 Aug 2015 00:06

Tgt Ion:	228	Resp:	44082
Ion Ratio	Lower	Upper	
228	100		
229	59.8	15.5	23.3#
226	72.2	22.1	33.1#





#84

Bis(2-ethylhexyl)phthalate

Concen: 115.43 ng/ul

RT: 21.79 min Scan# 3225

Delta R.T. 0.23 min

Lab File: BG018368.D

Acq: 11 Aug 2015 00:06

Instrument :

BNA_G

ClientSampleId :

C01P9RE

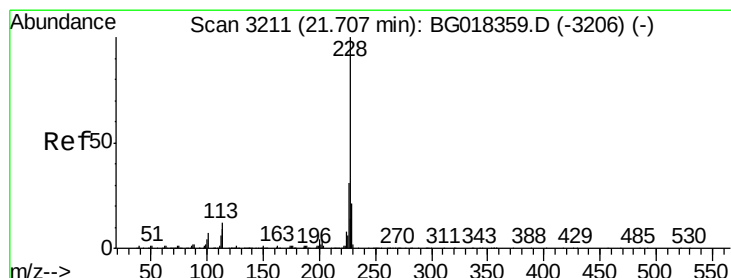
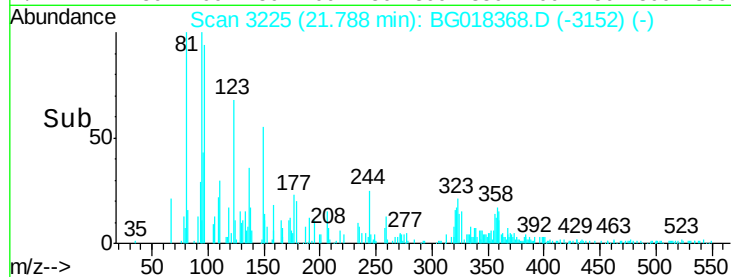
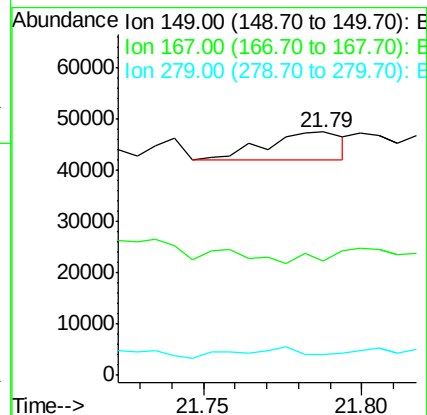
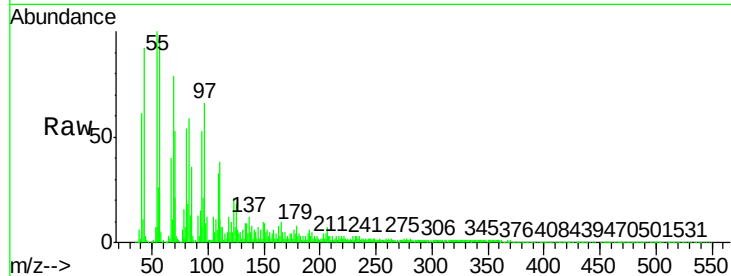
Tgt Ion:149 Resp: 9343

Ion Ratio Lower Upper

149 100

167 47.1 22.2 33.2#

279 8.8 2.8 4.2#



#85

Chrysene

Concen: 12.68 ng/ul

RT: 21.95 min Scan# 3253

Delta R.T. 0.25 min

Lab File: BG018368.D

Acq: 11 Aug 2015 00:06

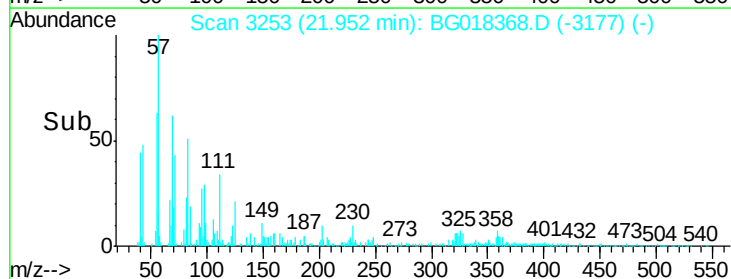
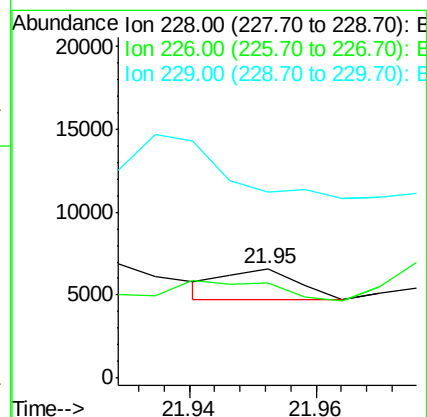
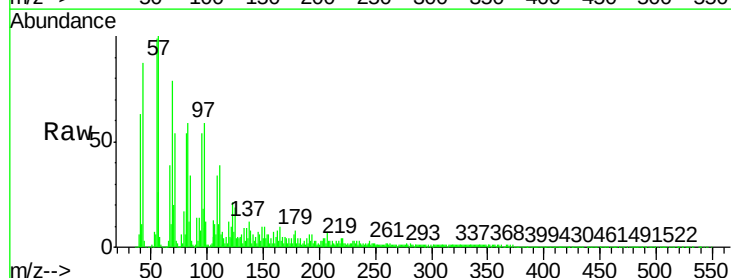
Tgt Ion:228 Resp: 1473

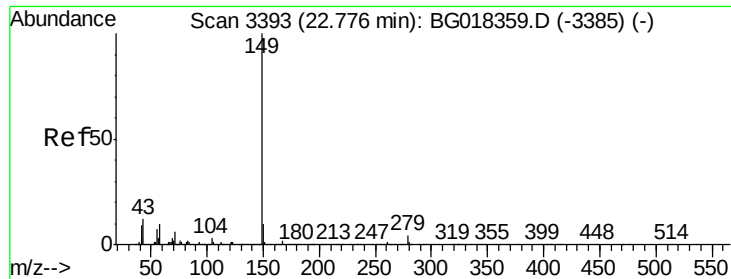
Ion Ratio Lower Upper

228 100

226 87.2 26.5 39.7#

229 170.5 16.9 25.3#





#87

Di-n-octyl phthalate

Concen: 152.65 ng/ul

RT: 23.03 min Scan# 3436

Delta R.T. 0.25 min

Lab File: BG018368.D

Acq: 11 Aug 2015 00:06

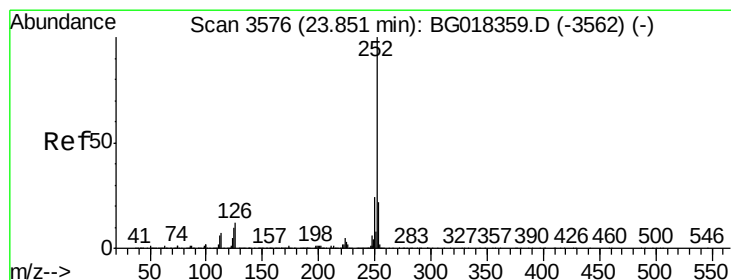
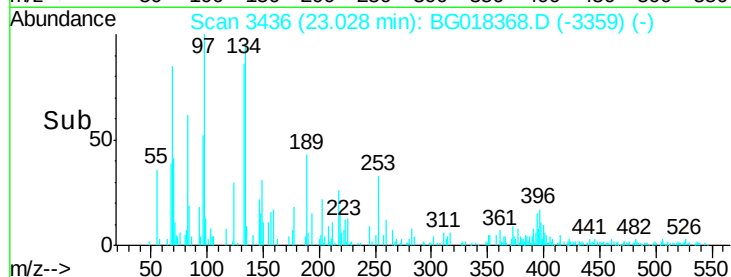
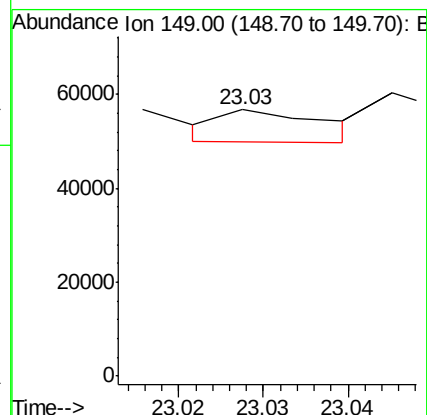
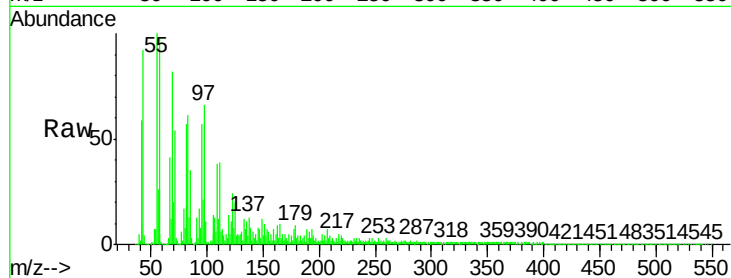
Instrument :

BNA_G

ClientSampleId :

C01P9RE

Tgt Ion:149 Resp: 5880



#88

Benzo(b)fluoranthene

Concen: 6.90 ng/ul

RT: 24.11 min Scan# 3621

Delta R.T. 0.26 min

Lab File: BG018368.D

Acq: 11 Aug 2015 00:06

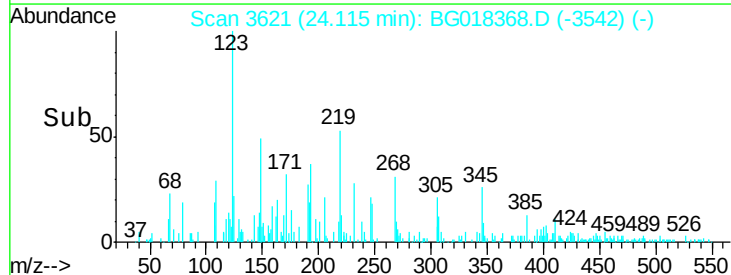
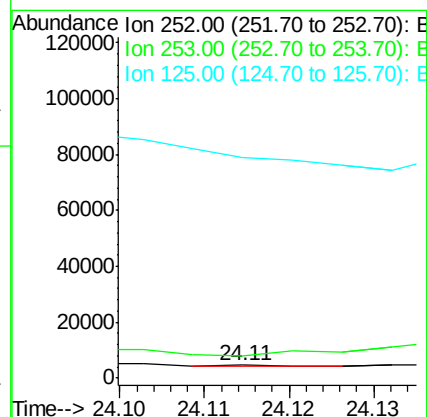
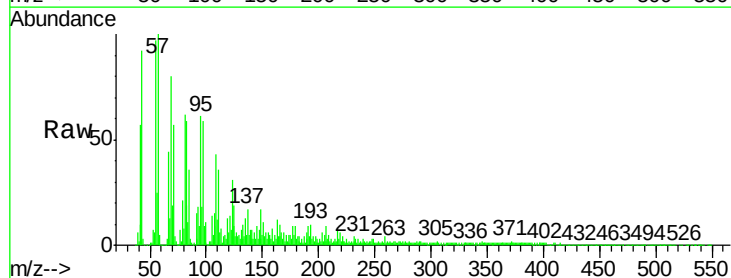
Tgt Ion:252 Resp: 259

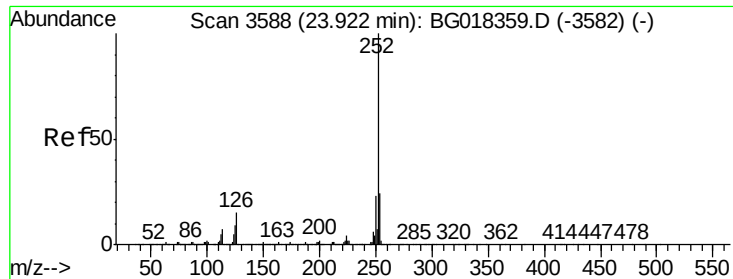
Ion Ratio Lower Upper

252 100

253 171.5 18.1 27.1#

125 1683.1 8.3 12.5#





#89

Benzo(k)fluoranthene

Concen: 1556.12 ng/ul

RT: 24.20 min Scan# 3635

Delta R.T. 0.28 min

Lab File: BG018368.D

Acq: 11 Aug 2015 00:06

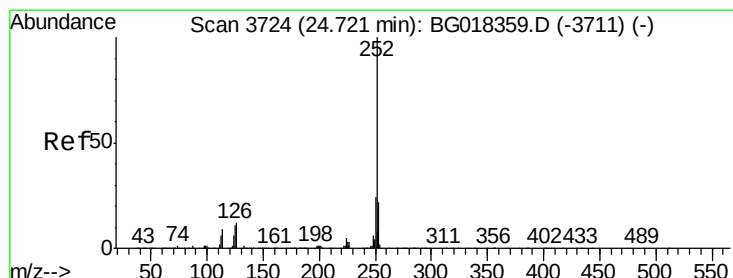
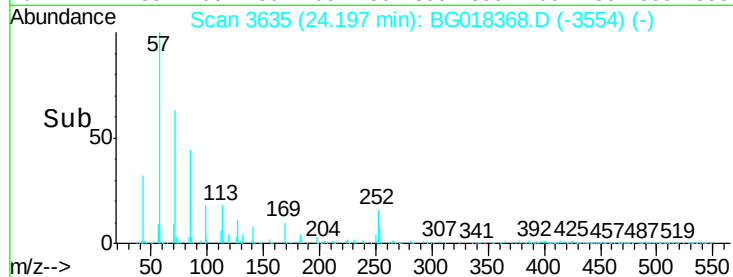
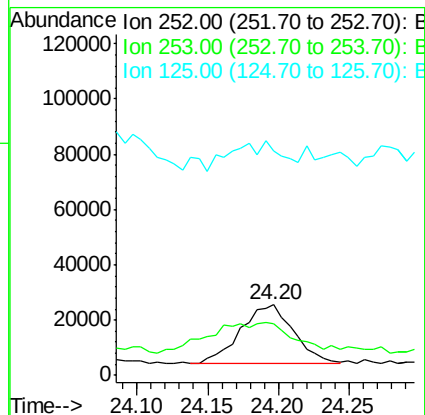
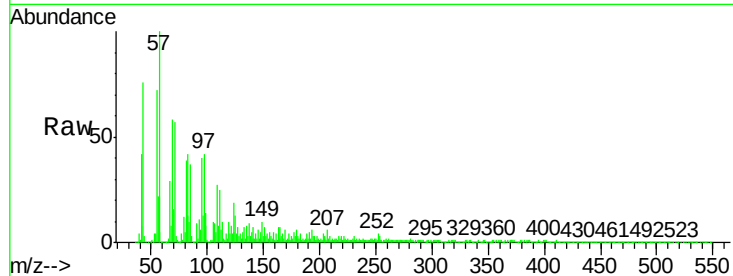
Instrument :

BNA_G

ClientSampleId :

C01P9RE

Tgt Ion:	252	Resp:	56200
Ion Ratio	Lower	Upper	
252	100		
253	72.6	17.8	26.6#
125	318.7	9.0	13.4#



#91

Benzo(a)pyrene

Concen: 40.43 ng/ul

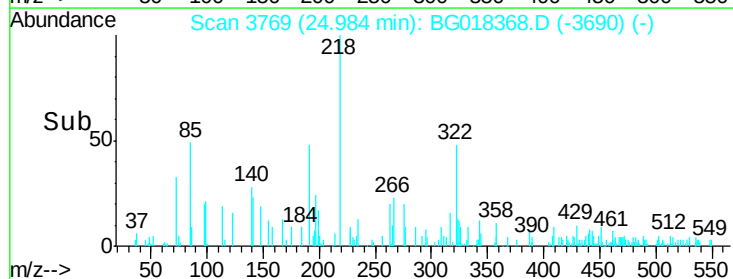
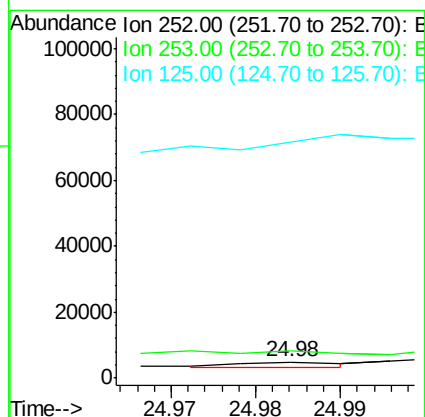
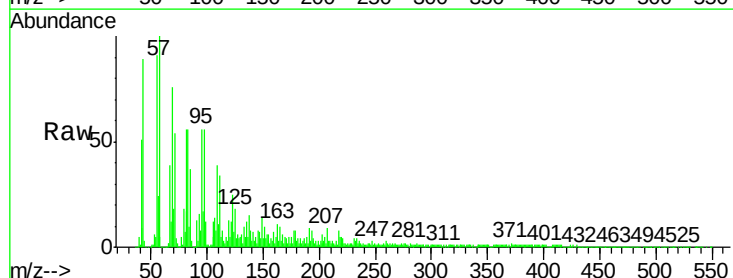
RT: 24.98 min Scan# 3769

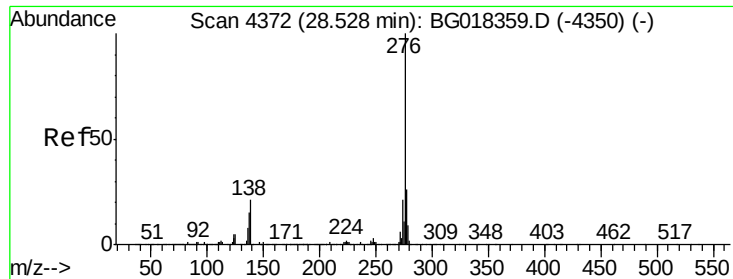
Delta R.T. 0.26 min

Lab File: BG018368.D

Acq: 11 Aug 2015 00:06

Tgt Ion:	252	Resp:	1442
Ion Ratio	Lower	Upper	
252	100		
253	173.1	17.7	26.5#
125	1481.8	10.2	15.2#





#92

Indeno(1,2,3-cd)pyrene

Concen: 30.51 ng/ul

RT: 28.83 min Scan# 4423

Delta R.T. 0.30 min

Lab File: BG018368.D

Acq: 11 Aug 2015 00:06

Instrument :

BNA_G

ClientSampleId :

C01P9RE

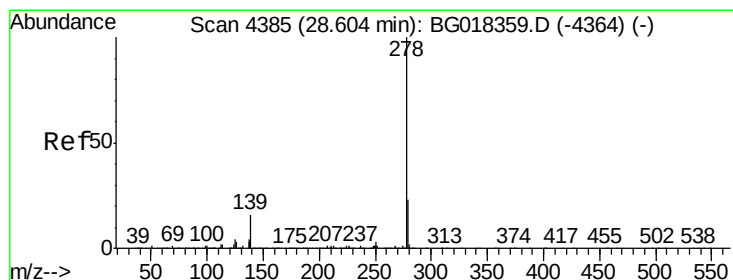
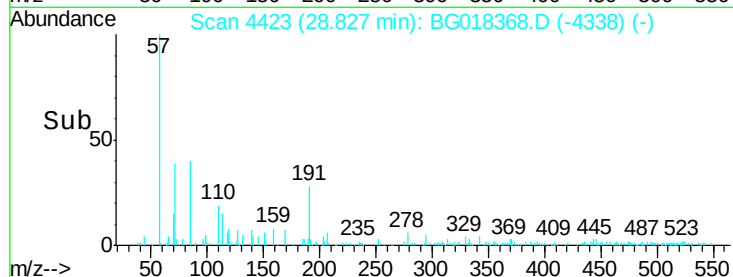
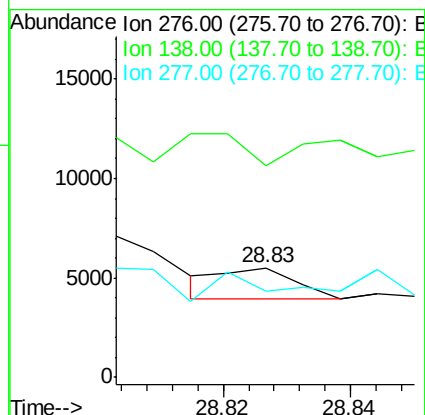
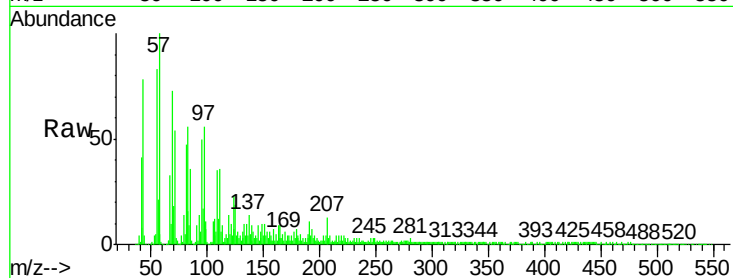
Tgt Ion:276 Resp: 1259

Ion Ratio Lower Upper

276 100

138 193.5 15.8 23.6#

277 78.6 18.9 28.3#



#93

Dibenzo(a,h)anthracene

Concen: 96.56 ng/ul

RT: 28.92 min Scan# 4439

Delta R.T. 0.32 min

Lab File: BG018368.D

Acq: 11 Aug 2015 00:06

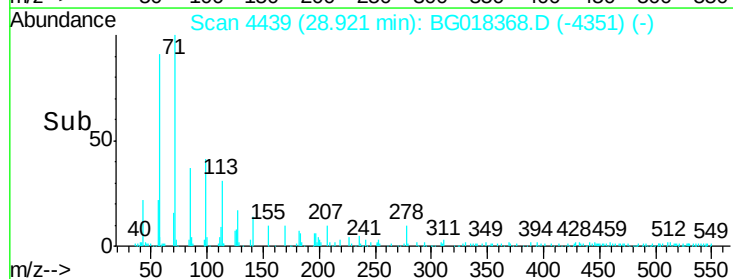
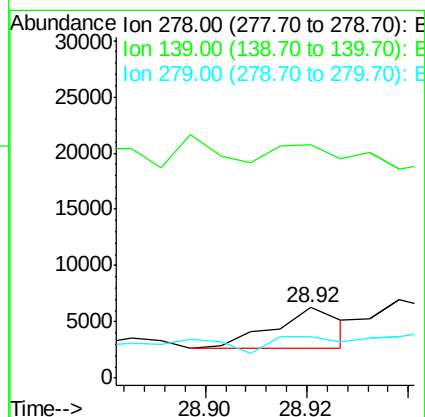
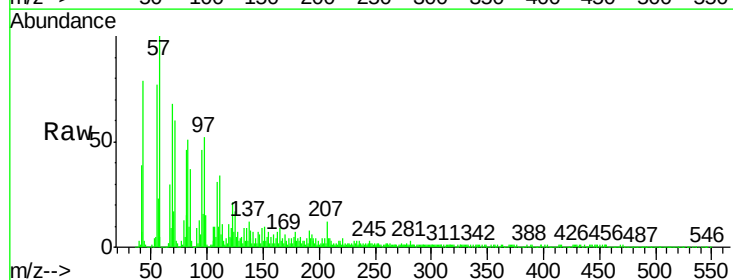
Tgt Ion:278 Resp: 3310

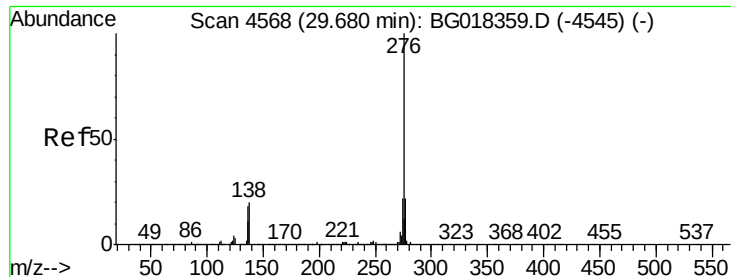
Ion Ratio Lower Upper

278 100

139 331.7 13.8 20.6#

279 59.6 17.8 26.8#





#94

Benzo(g,h,i)perylene

Concen: 73.44 ng/ul

RT: 29.99 min Scan# 4621

Delta R.T. 0.31 min

Lab File: BG018368.D

Acq: 11 Aug 2015 00:06

Instrument :

BNA_G

ClientSampleId :

C01P9RE

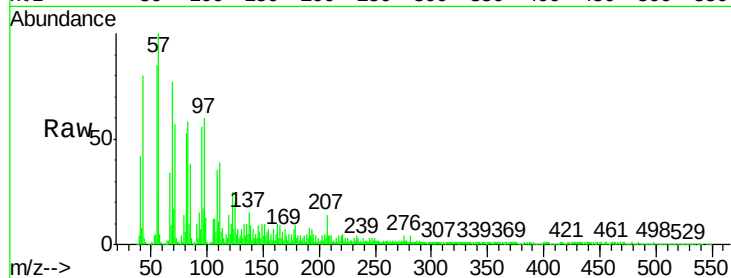
Tgt Ion:276 Resp: 2545

Ion Ratio Lower Upper

276 100

138 131.5 16.5 24.7#

277 59.1 19.0 28.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

