

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081215\
 Data File : BG018412.D
 Acq On : 13 Aug 2015 00:17
 Operator : UM/MA
 Sample : MDL-04-S-ML
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-05-S-ML

Quant Time: Aug 13 04:14:01 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 04:07:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	93951	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	409598	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.65	164	266652	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	682483	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	698112	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	695139	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	11350	5.34	ng/uL	0.00
5) Phenol-d5	7.18	99	234175	27.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	152085	28.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	186197	28.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	204588	28.56	ng/ul	0.00
19) Nitrobenzene-d5	9.18	128	101550	31.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	109996	33.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	201986	29.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	291748	37.41	ng/ul	0.00
44) Dimethylphthalate-d6	14.05	166	698156	31.12	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	856928	30.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	127930	31.70	ng/ul	0.00
58) Fluorene-d10	15.64	176	622629	31.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	92373	27.52	ng/ul	0.00
71) Anthracene-d10	17.49	188	1014616	31.08	ng/ul	0.00
79) Pyrene-d10	19.77	212	1119952	30.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.64	264	1165732	31.59	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	172	0.08	ng/uL#	1
4) Benzaldehyde	7.14	77	119	0.02	ng/ul#	1
6) Phenol	7.20	94	75	0.01	ng/ul#	1
8) Bis(2-Chloroethyl)ether	7.44	93	622	0.09	ng/ul#	43
11) 2-Methylphenol	8.51	108	70	0.01	ng/ul	84
12) 2,2'-oxybis(1-Chloropropan	8.56	45	66	0.01	ng/ul#	1
14) Acetophenone	8.83	105	338	0.03	ng/ul#	67
15) N-Nitroso-di-n-propylamine	8.81	70	224	0.04	ng/ul#	32
16) 4-Methylphenol	8.77	108	123	0.02	ng/ul#	1
17) Hexachloroethane	9.21	117	176	0.06	ng/ul#	10
20) Nitrobenzene	9.23	77	198	0.02	ng/ul#	13
21) Isophorone	9.75	82	282	0.02	ng/ul#	66
23) 2-Nitrophenol	9.92	139	203	0.06	ng/ul#	1
24) 2,4-Dimethylphenol	10.00	107	117	0.01	ng/ul#	20
25) Bis(2-Chloroethoxy)methane	10.24	93	69	0.01	ng/ul#	1
27) 2,4-Dichlorophenol	10.45	162	94	0.01	ng/ul#	1
28) Naphthalene	10.88	128	168	0.01	ng/ul#	68
30) 4-Chloroaniline	10.97	127	231	0.03	ng/ul#	67
32) Caprolactam	11.66	113	192	0.07	ng/ul#	49
33) 4-Chloro-3-methylphenol	12.10	107	125	0.02	ng/ul#	18
35) 1-Methylnaphthalene	12.70	142	51124	3.34	ng/ul	94
40) 2,4,5-Trichlorophenol	13.19	196	111	0.02	ng/ul#	13
41) 1,1'-Biphenyl	13.66	154	113	0.01	ng/ul#	40

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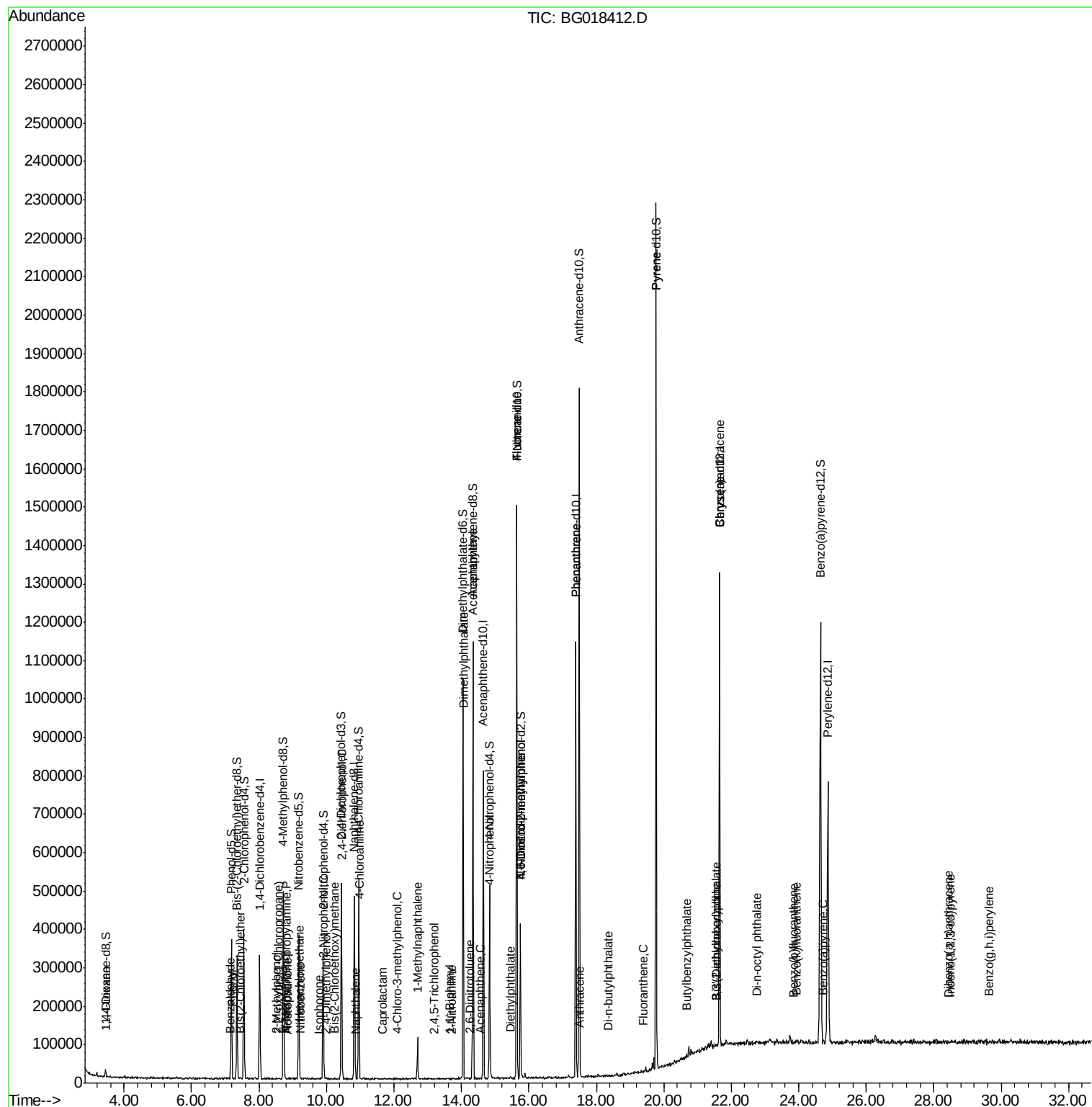
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2-Nitroaniline	13.71	65	199	0.04	ng/ul#	31
45) Dimethylphthalate	14.06	163	429	0.02	ng/ul#	1
46) 2,6-Dinitrotoluene	14.24	165	82	0.02	ng/ul#	28
48) Acenaphthylene	14.33	152	569	0.02	ng/ul#	51
50) Acenaphthene	14.57	153	56	0.00	ng/ul#	12
53) 4-Nitrophenol	14.85	109	201	0.06	ng/ul#	1
57) Diethylphthalate	15.45	149	2169	0.09	ng/ul#	74
59) Fluorene	15.64	166	1977	0.09	ng/ul#	3
61) 4-Nitroaniline	15.65	138	183	0.04	ng/ul#	1
64) 4,6-Dinitro-2-methylphenol	15.75	198	161	0.04	ng/ul#	1
65) N-Nitrosodiphenylamine	15.75	169	1212	0.06	ng/ul#	53
70) Phenanthrene	17.40	178	87	0.00	ng/ul#	1
72) Anthracene	17.53	178	177	0.00	ng/ul#	1
76) Di-n-butylphthalate	18.35	149	1492	0.03	ng/ul#	80
77) Fluoranthene	19.39	202	64	0.00	ng/ul#	71
80) Pyrene	19.77	202	2106	0.04	ng/ul#	1
81) Butylbenzylphthalate	20.68	149	100	0.01	ng/ul#	1
82) 3,3'-Dichlorobenzidine	21.54	252	55	0.00	ng/ul#	1
83) Benzo(a)anthracene	21.66	228	2020	0.05	ng/ul#	88
84) Bis(2-ethylhexyl)phthalate	21.55	149	1596	0.06	ng/ul#	86
85) Chrysene	21.66	228	2020	0.05	ng/ul#	84
87) Di-n-octyl phthalate	22.76	149	273	0.01	ng/ul	100
88) Benzo(b)fluoranthene	23.84	252	195	0.00	ng/ul#	1
89) Benzo(k)fluoranthene	23.91	252	98	0.00	ng/ul#	1
91) Benzo(a)pyrene	24.71	252	150	0.00	ng/ul#	1
92) Indeno(1,2,3-cd)pyrene	28.49	276	116	0.00	ng/ul#	3
93) Dibenzo(a,h)anthracene	28.43	278	147	0.00	ng/ul#	1
94) Benzo(g,h,i)perylene	29.65	276	120	0.00	ng/ul#	1

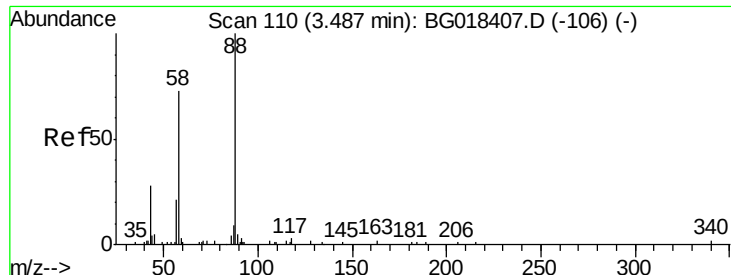
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.08 ng/uL

RT: 3.48 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

Instrument :

BNA_G

ClientSampleId :

MDL-05-S-ML

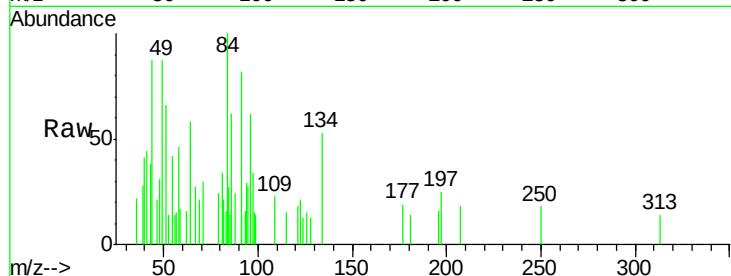
Tgt Ion: 88 Resp: 172

Ion Ratio Lower Upper

88 100

43 159.7 33.0 49.4#

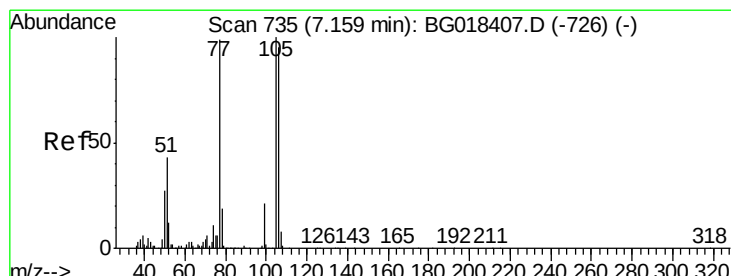
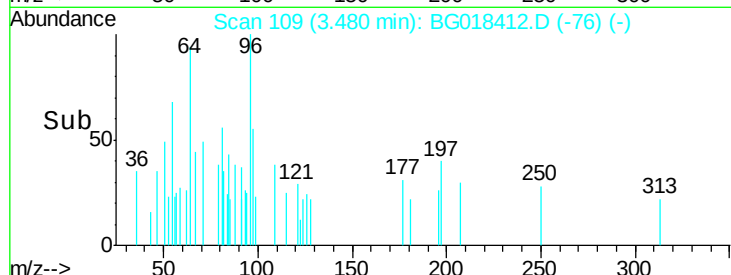
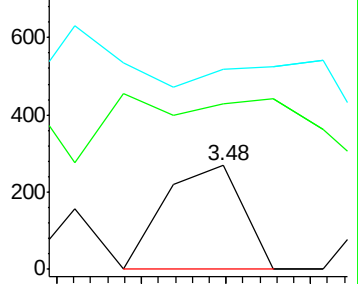
58 193.7 73.4 110.0#



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: 0.02 ng/uL

RT: 7.14 min Scan# 732

Delta R.T. -0.02 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

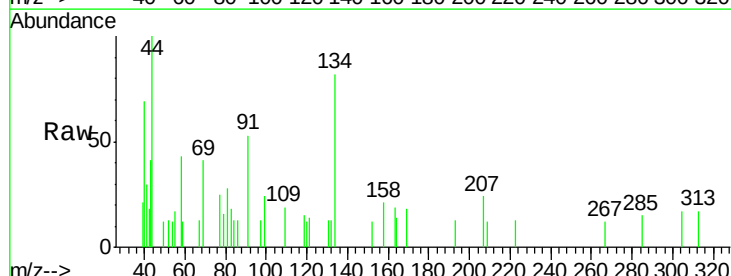
Tgt Ion: 77 Resp: 119

Ion Ratio Lower Upper

77 100

105 0.0 78.2 117.2#

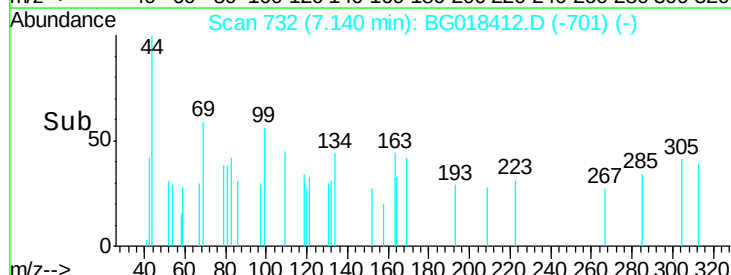
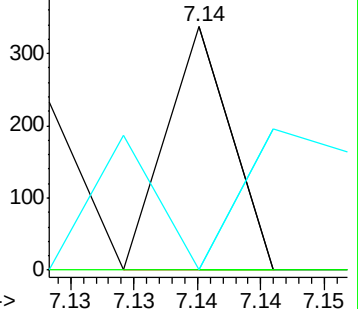
106 0.0 76.8 115.2#

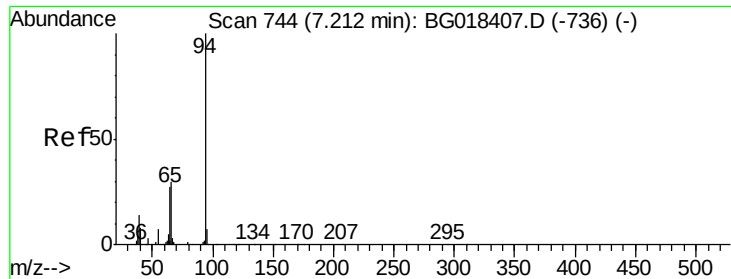


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 0.01 ng/ul

RT: 7.20 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

Instrument :

BNA_G

ClientSampleId :

MDL-05-S-ML

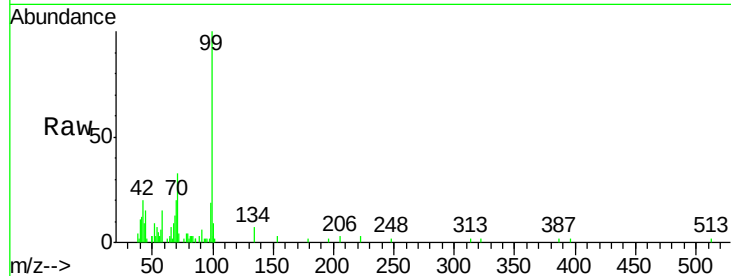
Tgt Ion: 94 Resp: 75

Ion Ratio Lower Upper

94 100

65 136.8 23.0 34.6#

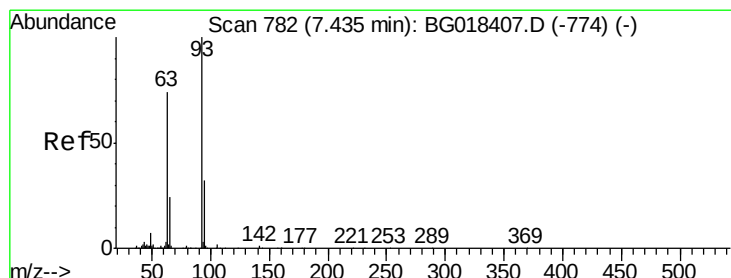
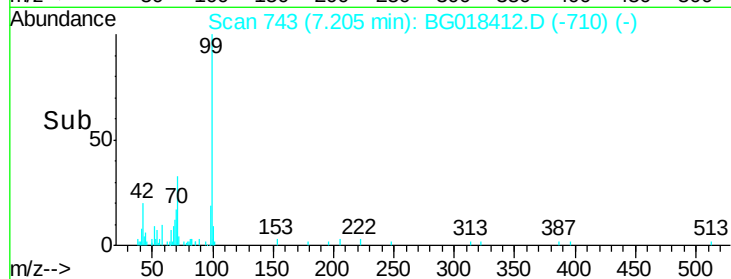
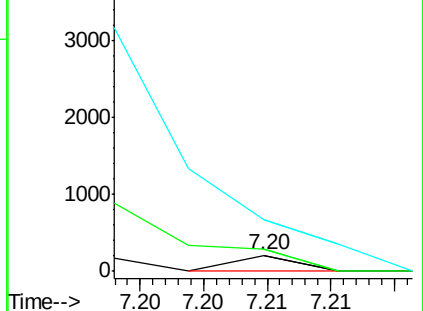
66 313.2 31.0 46.4#



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



#8

Bis(2-Chloroethyl)ether

Concen: 0.09 ng/ul

RT: 7.44 min Scan# 783

Delta R.T. 0.00 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

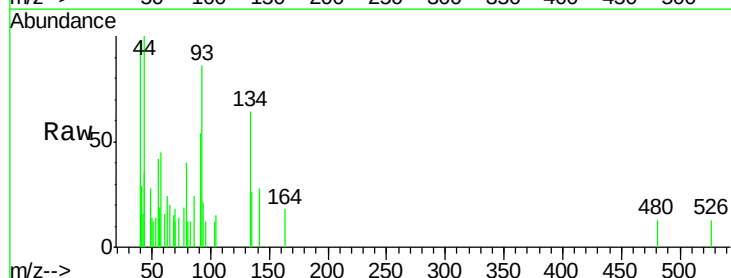
Tgt Ion: 93 Resp: 622

Ion Ratio Lower Upper

93 100

63 28.3 61.4 92.2#

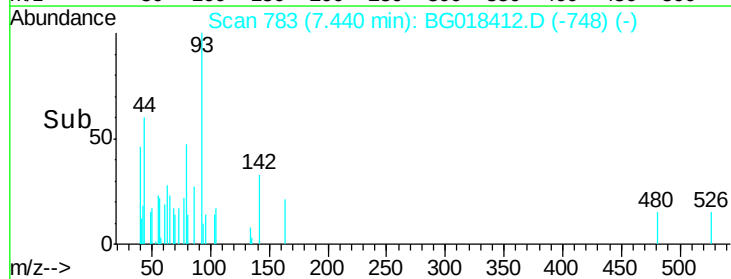
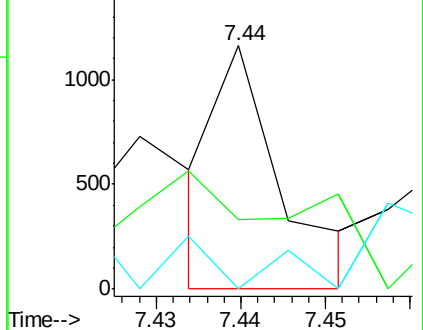
95 0.0 25.9 38.9#

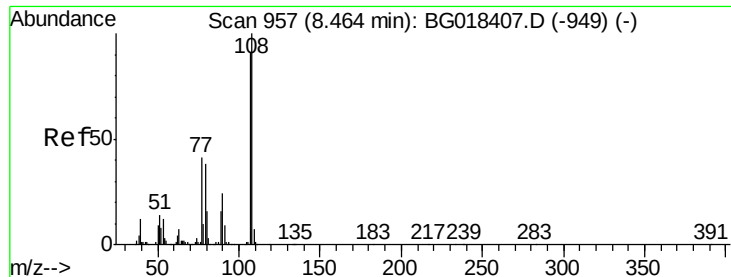


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

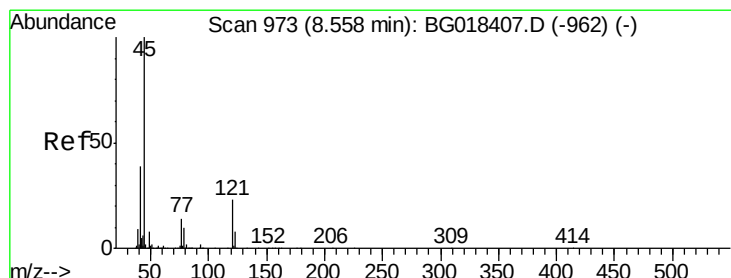
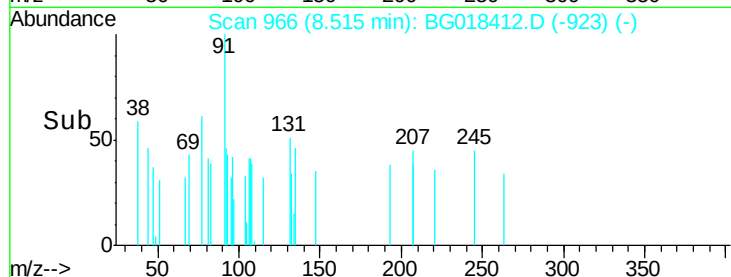
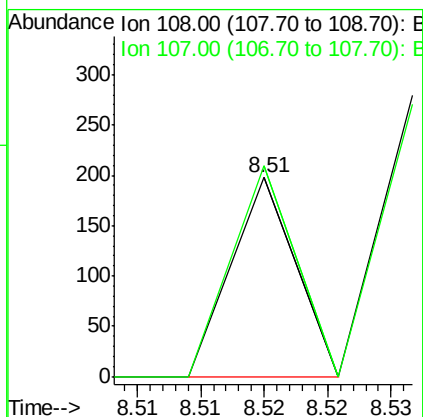
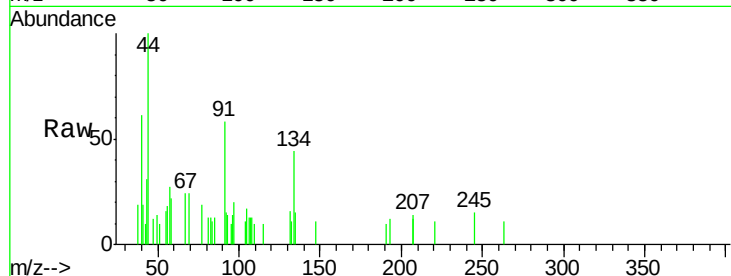




#11
2-Methylphenol
Concen: 0.01 ng/ul
RT: 8.51 min Scan# 966
Delta R.T. 0.05 min
Lab File: BG018412.D
Acq: 13 Aug 2015 00:17

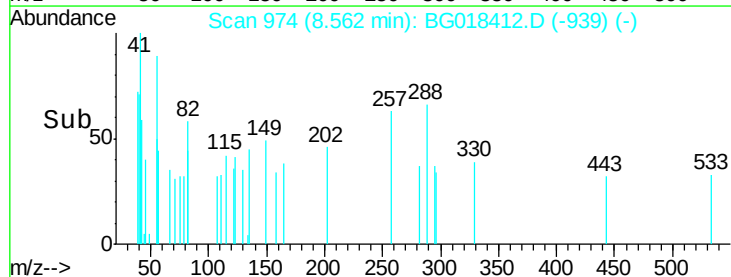
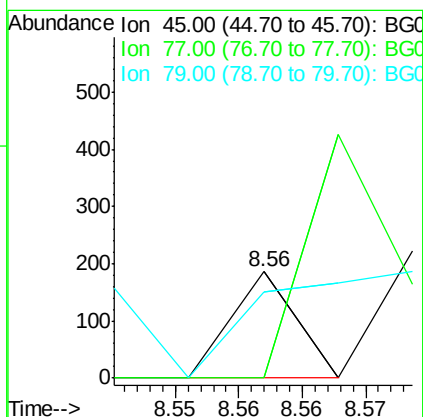
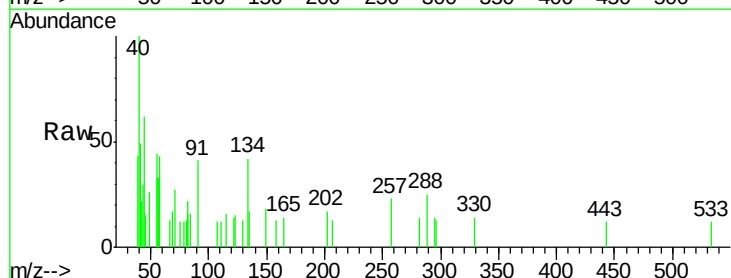
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ClientSampleId :
MDL-05-S-ML

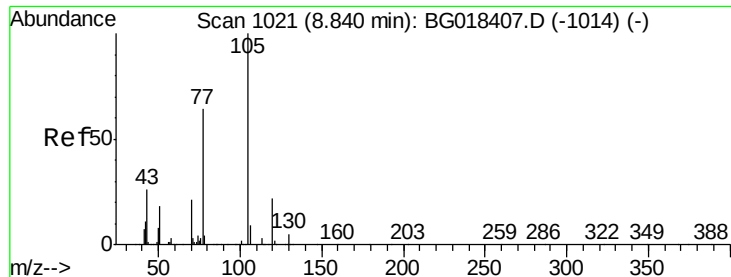
Tgt Ion: 108 Resp: 70
Ion Ratio Lower Upper
108 100
107 105.6 72.1 108.1



#12
2,2'-oxybis(1-Chloropropane)
Concen: 0.01 ng/ul
RT: 8.56 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG018412.D
Acq: 13 Aug 2015 00:17

Tgt Ion: 45 Resp: 66
Ion Ratio Lower Upper
45 100
77 0.0 11.3 16.9#
79 80.6 7.8 11.8#





#14

Acetophenone

Concen: 0.03 ng/ul

RT: 8.83 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

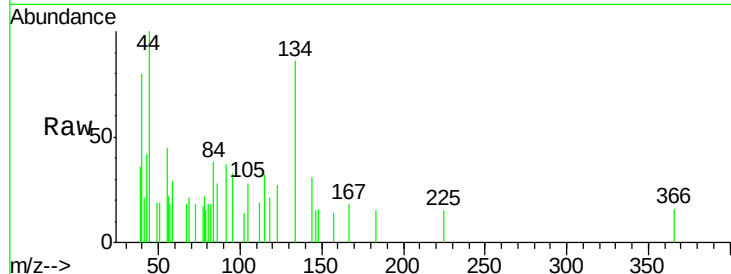
Instrument :

BNA_G

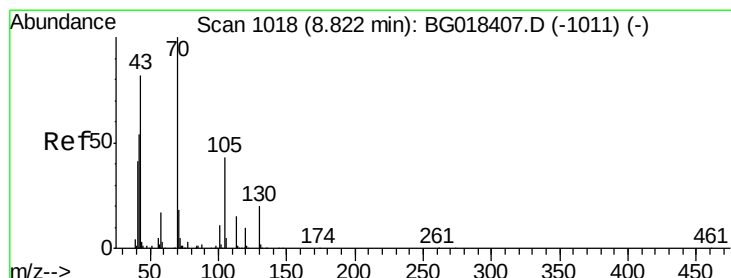
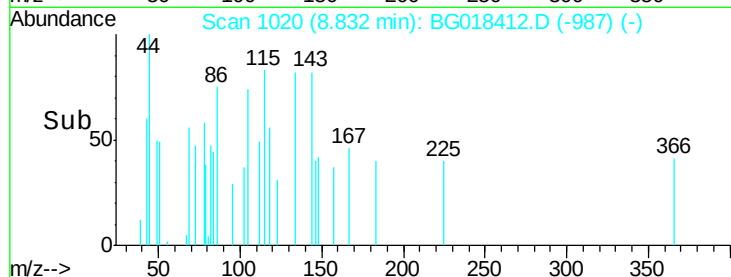
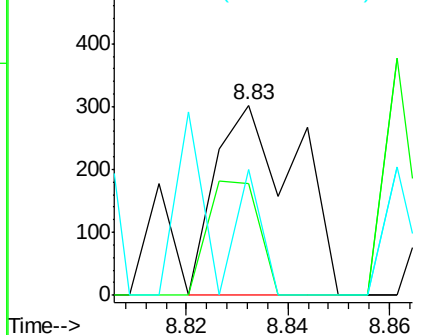
ClientSampled :

MDL-05-S-ML

Tgt Ion:	105	Resp:	338
Ion	Ratio	Lower	Upper
105	100		
77	58.9	61.9	92.9#
51	65.9	25.5	38.3#



Abundance Ion 105.00 (104.70 to 105.70): E



#15

N-Nitroso-di-n-propylamine

Concen: 0.04 ng/ul

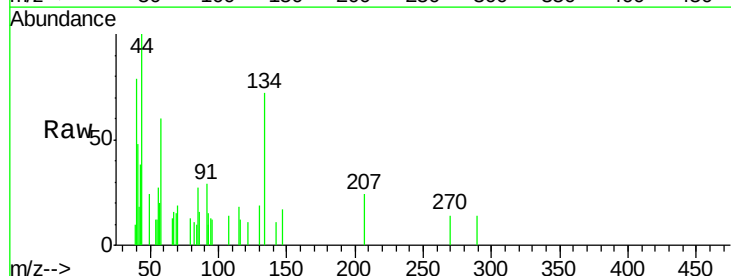
RT: 8.81 min Scan# 1016

Delta R.T. -0.01 min

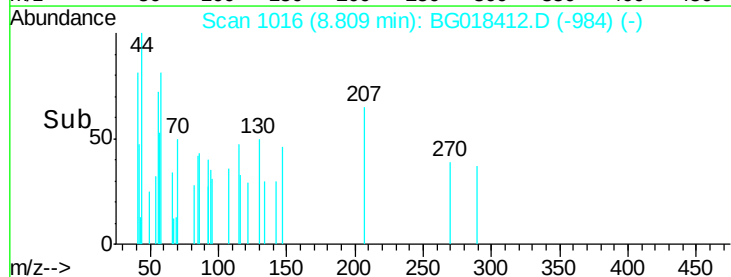
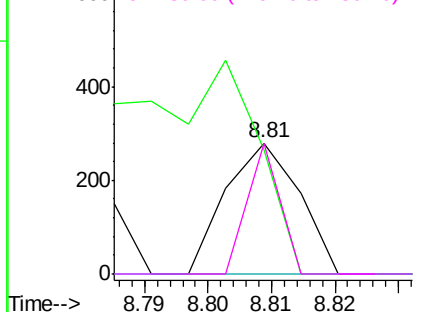
Lab File: BG018412.D

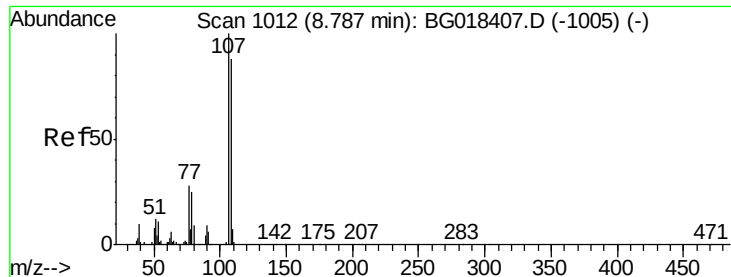
Acq: 13 Aug 2015 00:17

Tgt Ion:	70	Resp:	224
Ion	Ratio	Lower	Upper
70	100		
42	95.0	50.7	76.1#
101	0.0	7.4	11.2#
130	99.6	15.8	23.6#



Abundance Ion 70.00 (69.70 to 70.70): BGC

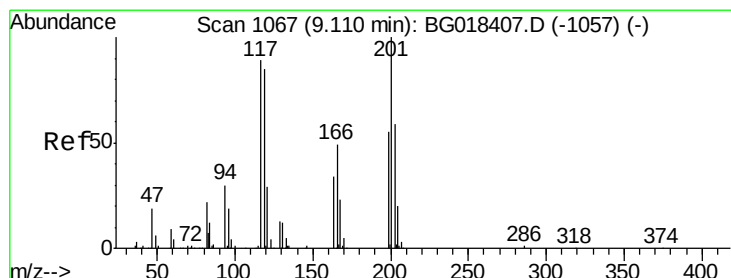
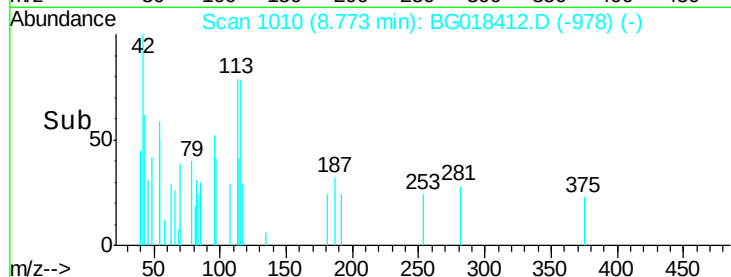
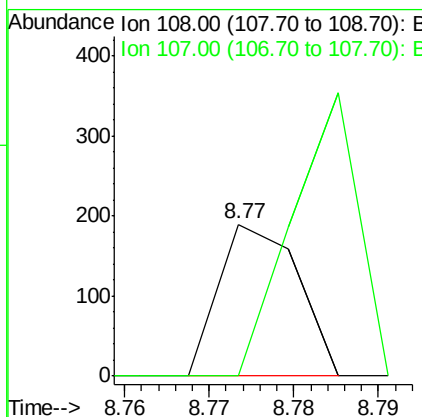
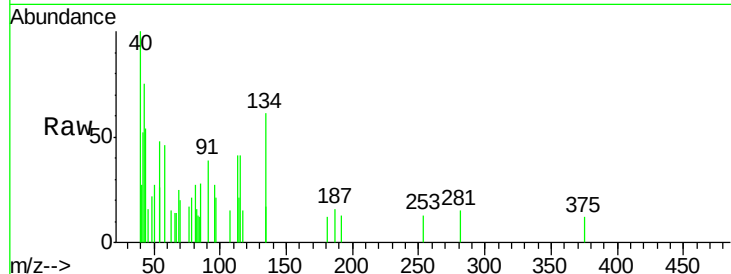




#16
4-Methylphenol
Concen: 0.02 ng/ul
RT: 8.77 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG018412.D
Acq: 13 Aug 2015 00:17

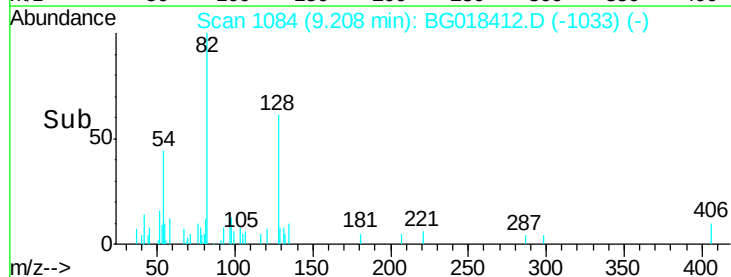
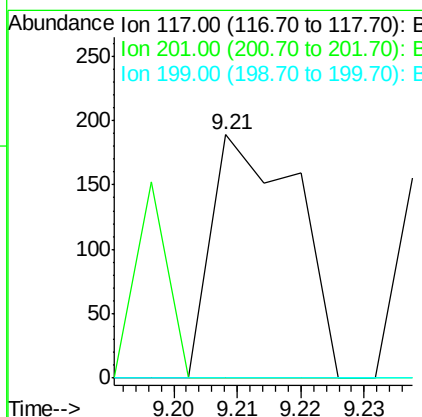
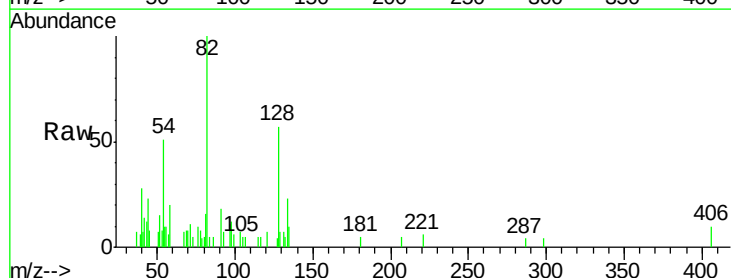
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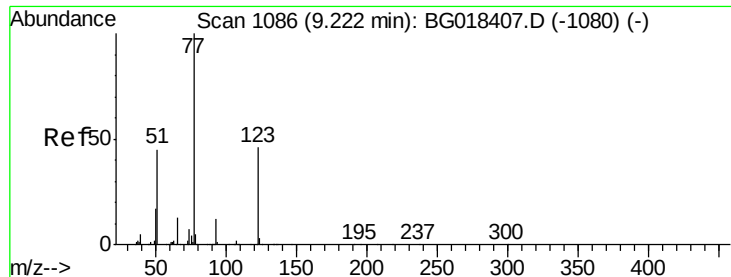
Tgt Ion:108 Resp: 123
Ion Ratio Lower Upper
108 100
107 0.0 94.6 142.0#



#17
Hexachloroethane
Concen: 0.06 ng/ul
RT: 9.21 min Scan# 1084
Delta R.T. 0.10 min
Lab File: BG018412.D
Acq: 13 Aug 2015 00:17

Tgt Ion:117 Resp: 176
Ion Ratio Lower Upper
117 100
201 0.0 73.6 110.4#
199 0.0 48.6 72.8#





#20

Nitrobenzene

Concen: 0.02 ng/ul

RT: 9.23 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

Instrument :

BNA_G

ClientSampled :

MDL-05-S-ML

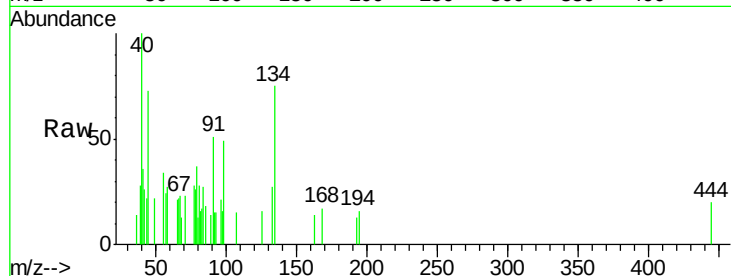
Tgt Ion: 77 Resp: 198

Ion Ratio Lower Upper

77 100

123 0.0 32.8 49.2#

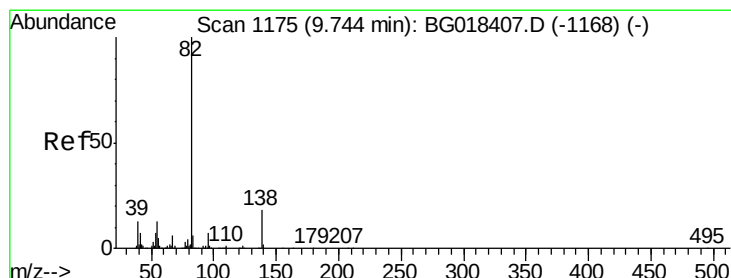
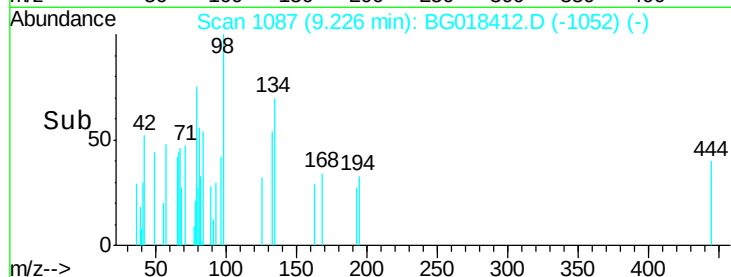
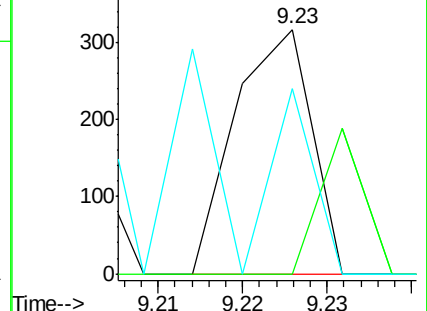
65 75.9 12.2 18.2#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC



#21

Isophorone

Concen: 0.02 ng/ul

RT: 9.75 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

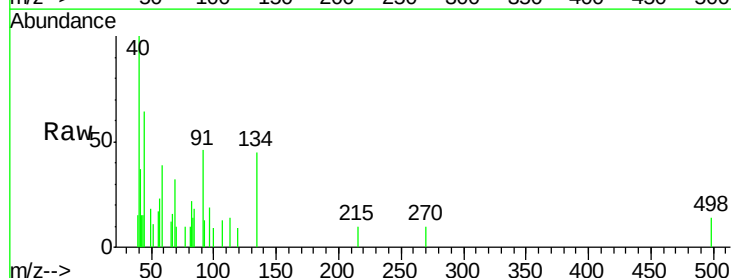
Tgt Ion: 82 Resp: 282

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

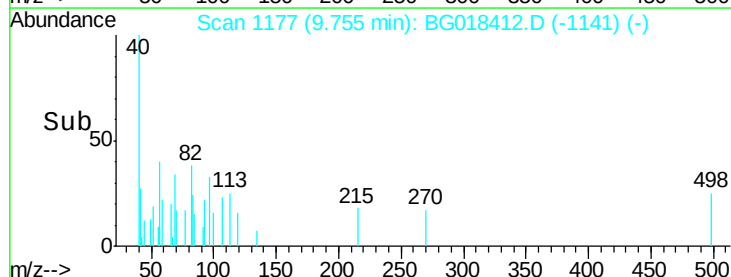
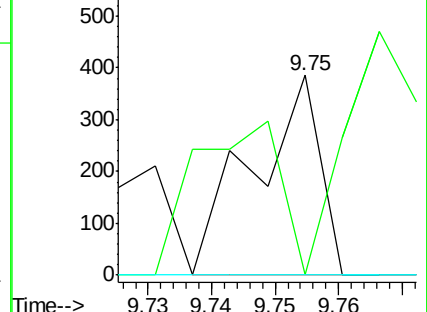
138 0.0 13.8 20.8#

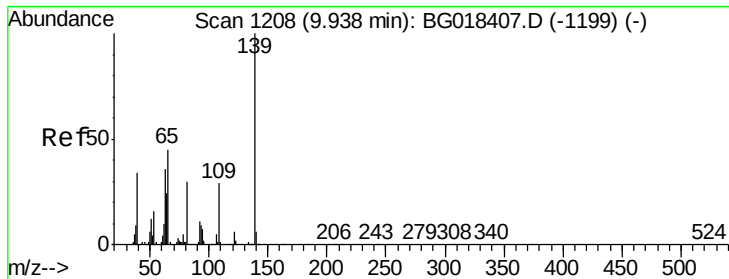


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC

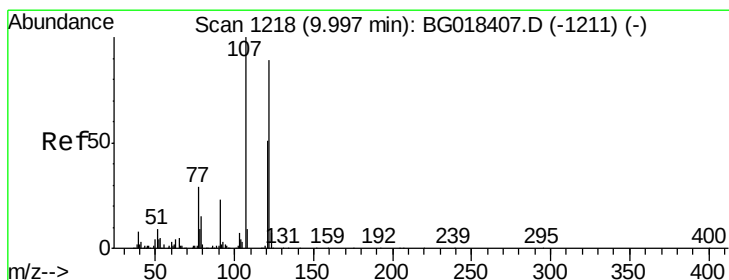
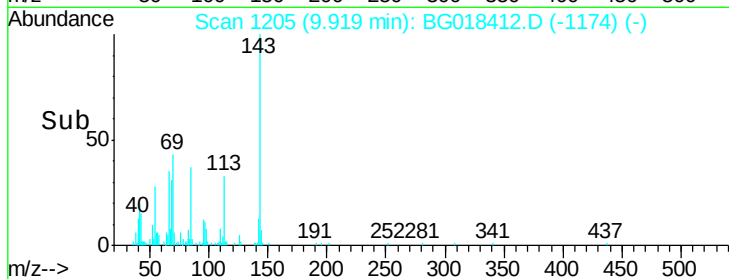
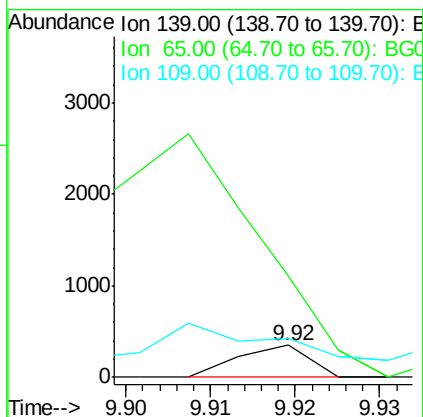
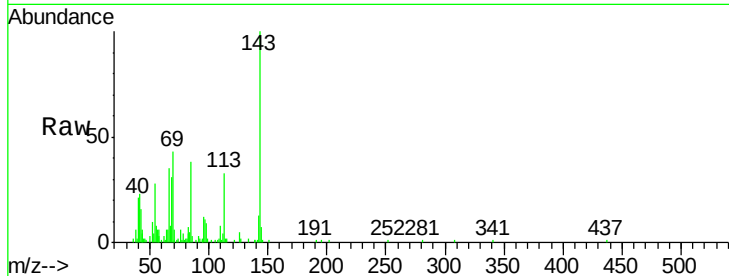




#23
2-Nitrophenol
Concen: 0.06 ng/ul
RT: 9.92 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BG018412.D
Acq: 13 Aug 2015 00:17

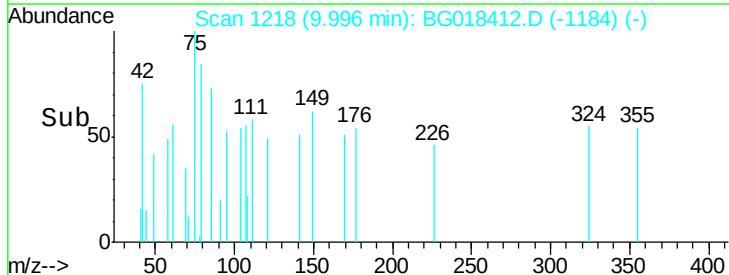
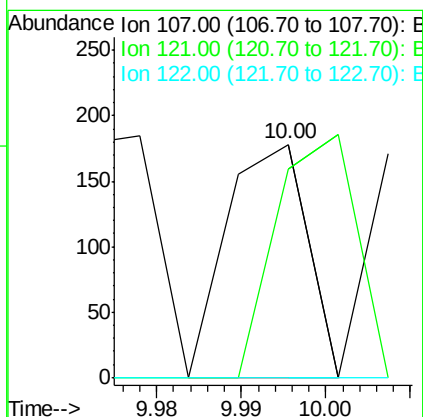
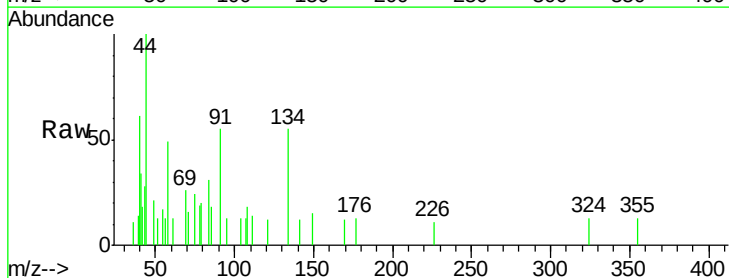
Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

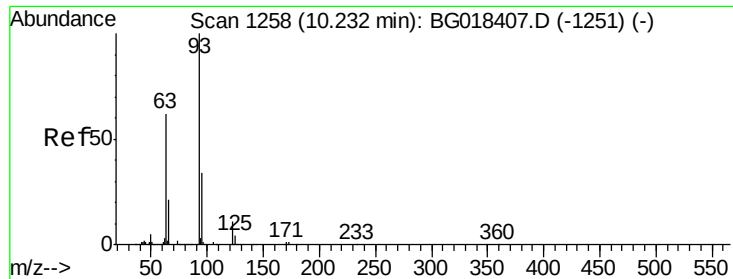
Tgt Ion:139 Resp: 203
Ion Ratio Lower Upper
139 100
65 318.0 45.6 68.4#
109 119.7 25.4 38.2#



#24
2,4-Dimethylphenol
Concen: 0.01 ng/ul
RT: 10.00 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BG018412.D
Acq: 13 Aug 2015 00:17

Tgt Ion:107 Resp: 117
Ion Ratio Lower Upper
107 100
121 89.3 41.3 61.9#
122 0.0 71.9 107.9#

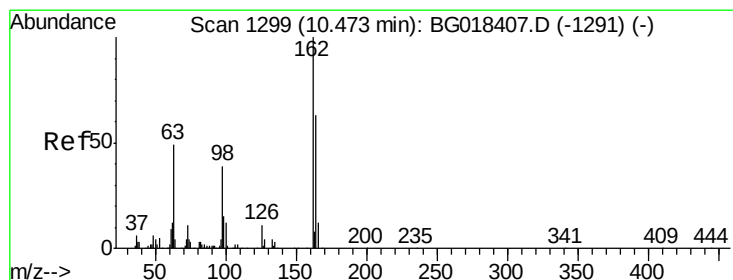
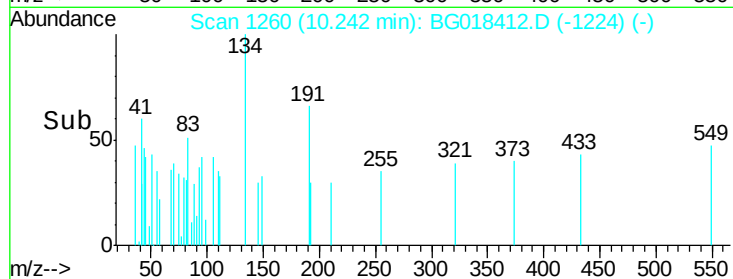
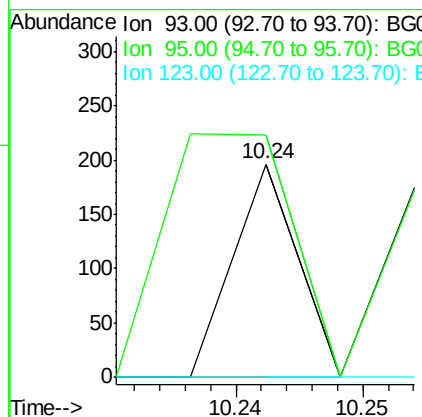
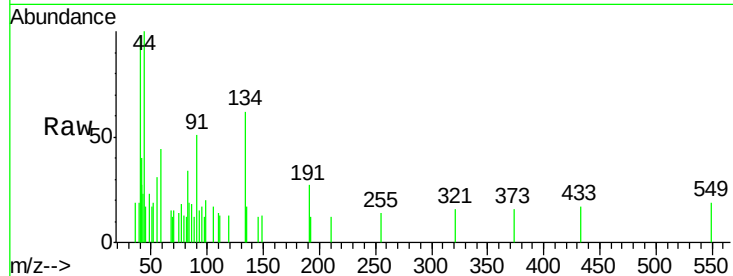




#25
 Bis(2-Chloroethoxy)methane
 Concen: 0.01 ng/ul
 RT: 10.24 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: BG018412.D
 Acq: 13 Aug 2015 00:17

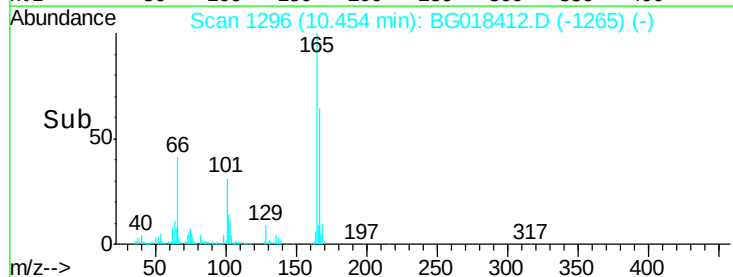
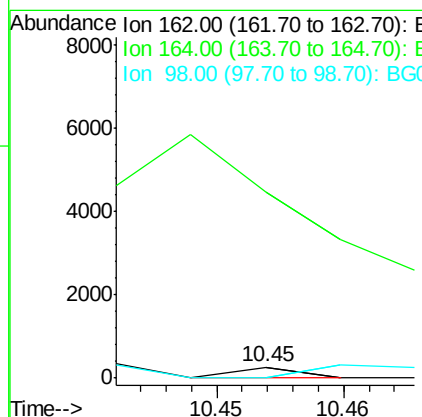
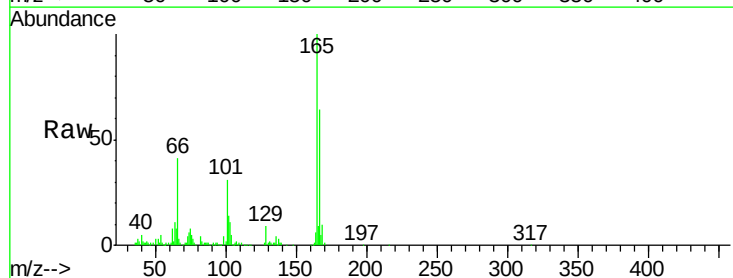
Instrument :
 BNA_G
 ClientSampleId :
 MDL-05-S-ML

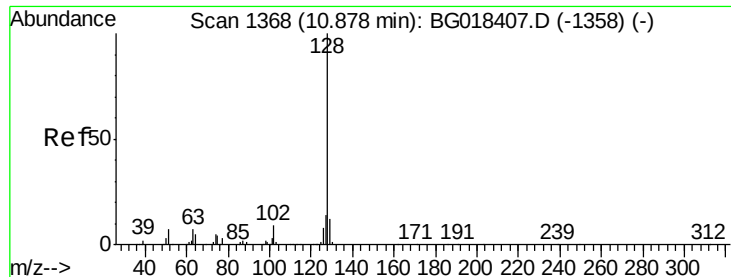
Tgt Ion: 93 Resp: 69
 Ion Ratio Lower Upper
 93 100
 95 113.8 24.1 36.1#
 123 0.0 8.9 13.3#



#27
 2,4-Dichlorophenol
 Concen: 0.01 ng/ul
 RT: 10.45 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BG018412.D
 Acq: 13 Aug 2015 00:17

Tgt Ion: 162 Resp: 94
 Ion Ratio Lower Upper
 162 100
 164 1674.9 51.7 77.5#
 98 0.0 30.4 45.6#





#28

Naphthalene

Concen: 0.01 ng/ul

RT: 10.88 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

Instrument :

BNA_G

ClientSampleId :

MDL-05-S-ML

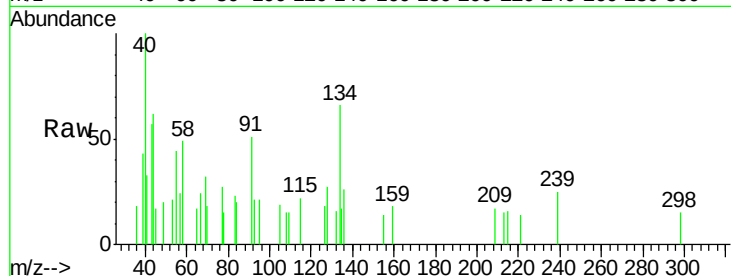
Tgt Ion:128 Resp: 168

Ion Ratio Lower Upper

128 100

129 0.0 9.6 14.4#

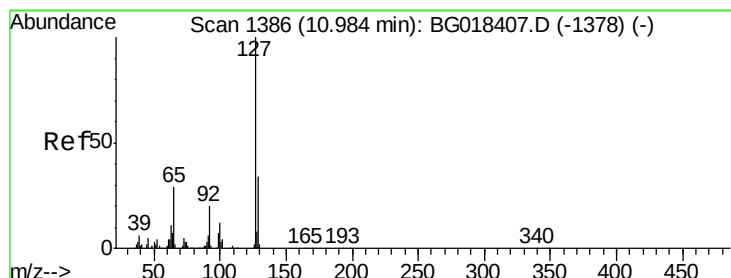
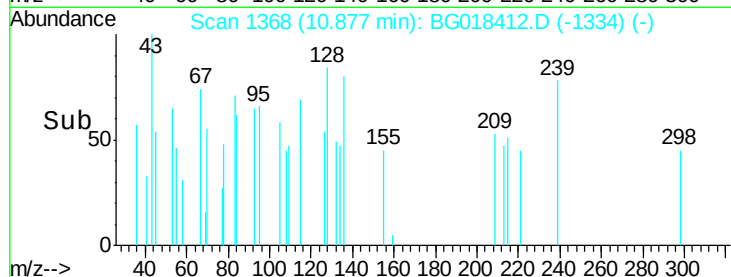
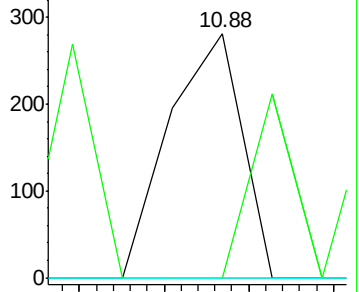
127 0.0 10.5 15.7#



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: 0.03 ng/ul

RT: 10.97 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BG018412.D

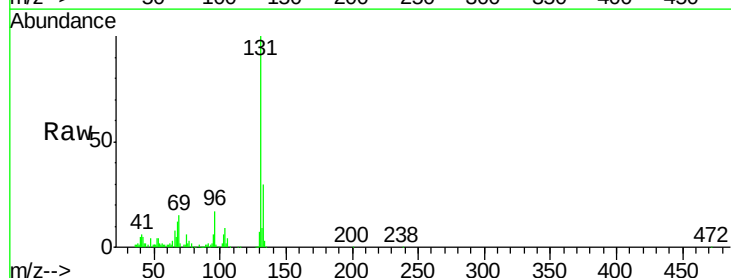
Acq: 13 Aug 2015 00:17

Tgt Ion:127 Resp: 231

Ion Ratio Lower Upper

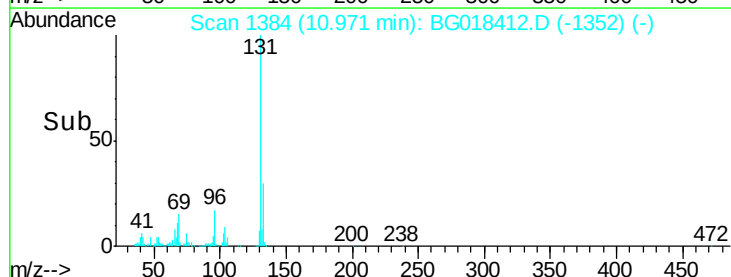
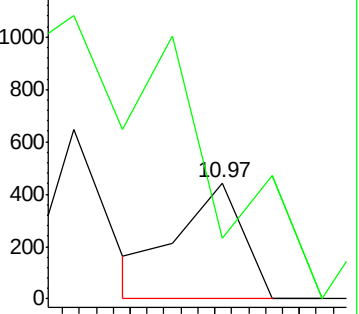
127 100

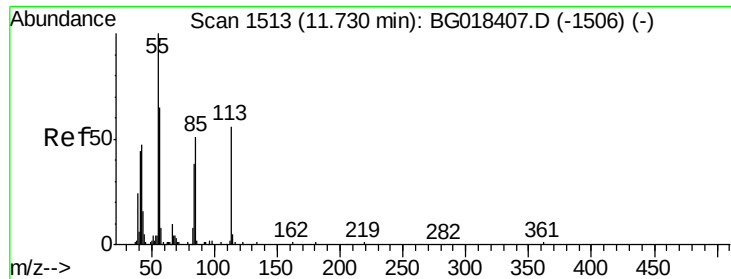
129 52.0 26.7 40.1#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#32

Caprolactam

Concen: 0.07 ng/ul

RT: 11.66 min Scan# 1502

Delta R.T. -0.07 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

Instrument :

BNA_G

ClientSampleId :

MDL-05-S-ML

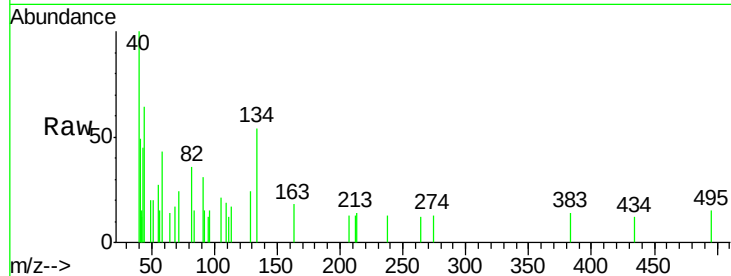
Tgt Ion:113 Resp: 192

Ion Ratio Lower Upper

113 100

55 162.5 124.2 186.4

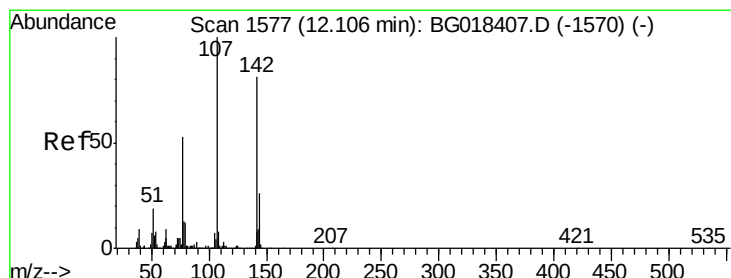
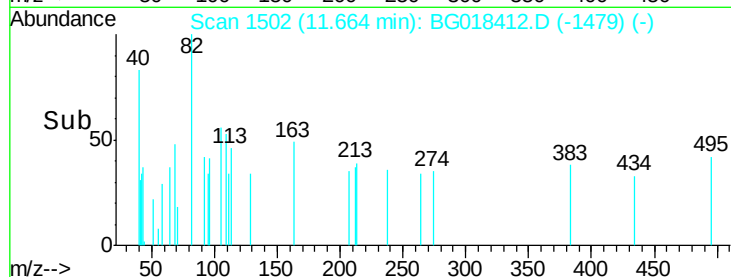
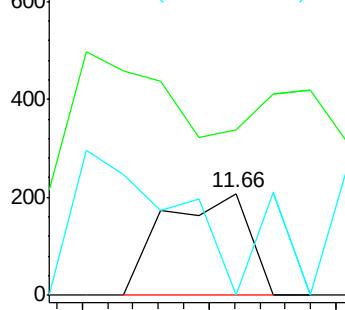
56 0.0 98.2 147.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG018407.D (-1506) (-)

Ion 56.00 (55.70 to 56.70): BG018407.D (-1506) (-)



#33

4-Chloro-3-methylphenol

Concen: 0.02 ng/ul

RT: 12.10 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

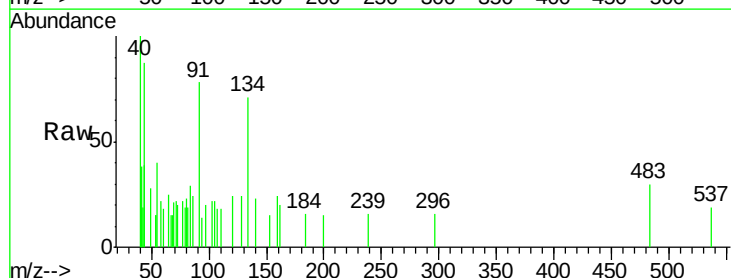
Tgt Ion:107 Resp: 125

Ion Ratio Lower Upper

107 100

144 0.0 21.4 32.2#

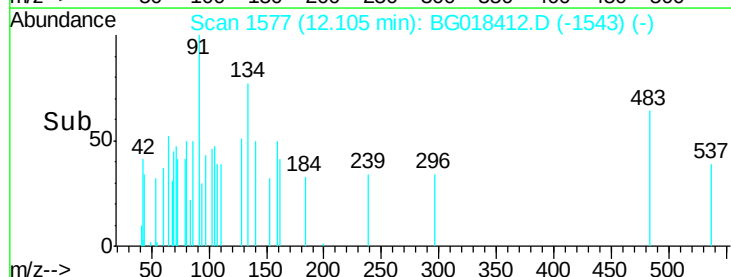
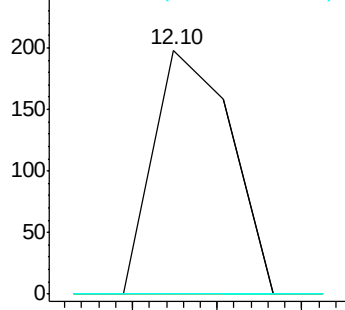
142 0.0 66.0 99.0#

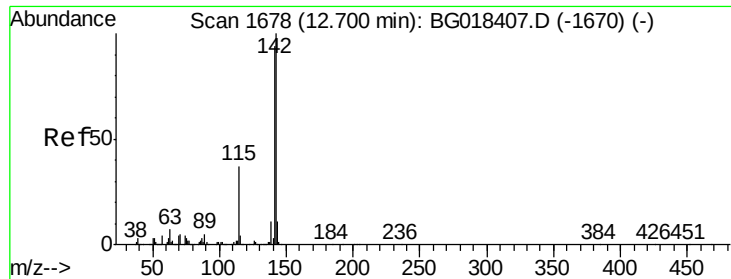


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

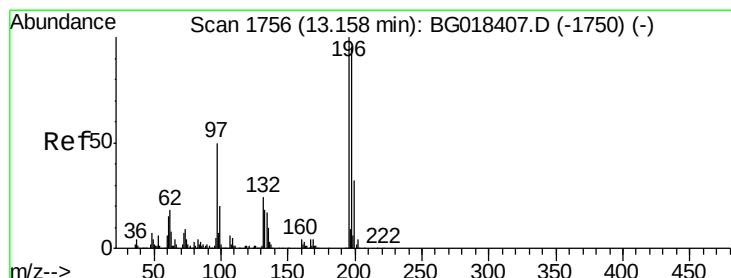
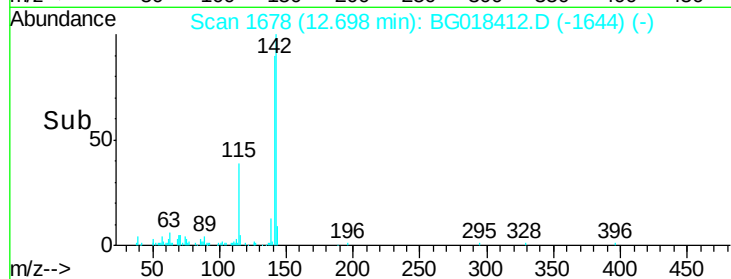
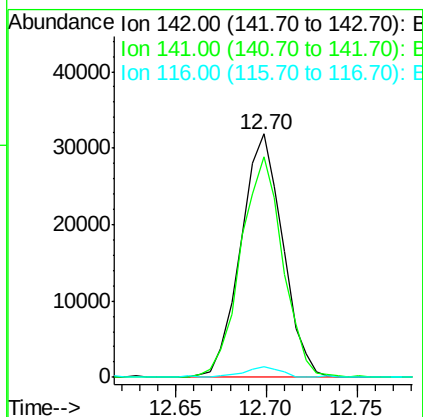
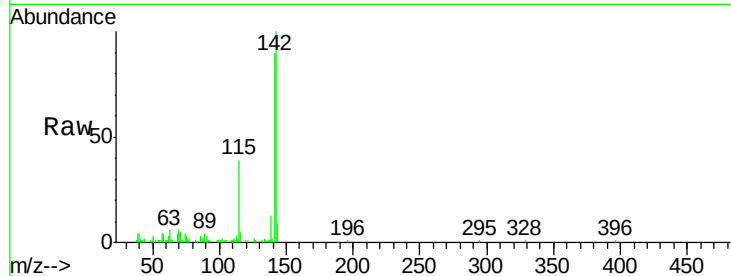




#35
 1-Methylnaphthalene
 Concen: 3.34 ng/ul
 RT: 12.70 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BG018412.D
 Acq: 13 Aug 2015 00:17

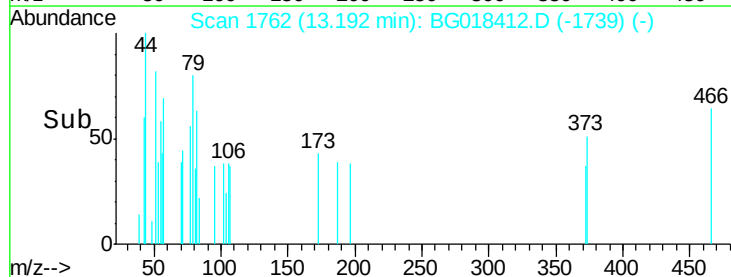
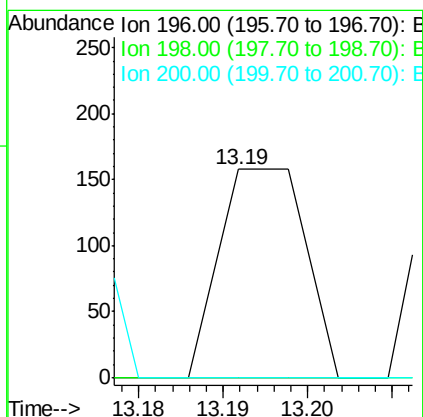
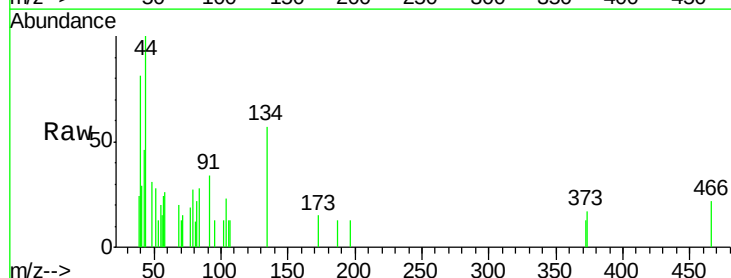
Instrument :
 BNA_G
 ClientSampleId :
 MDL-05-S-ML

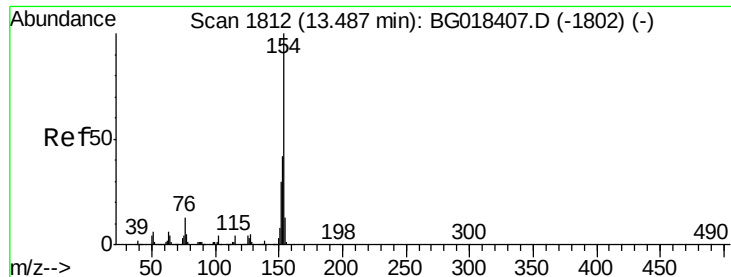
Tgt Ion:142 Resp: 51124
 Ion Ratio Lower Upper
 142 100
 141 90.4 77.1 115.7
 116 4.5 3.5 5.3



#40
 2,4,5-Trichlorophenol
 Concen: 0.02 ng/ul
 RT: 13.19 min Scan# 1762
 Delta R.T. 0.03 min
 Lab File: BG018412.D
 Acq: 13 Aug 2015 00:17

Tgt Ion:196 Resp: 111
 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: 0.01 ng/ul

RT: 13.66 min Scan# 1841

Delta R.T. 0.17 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

Instrument :

BNA_G

ClientSampleId :

MDL-05-S-ML

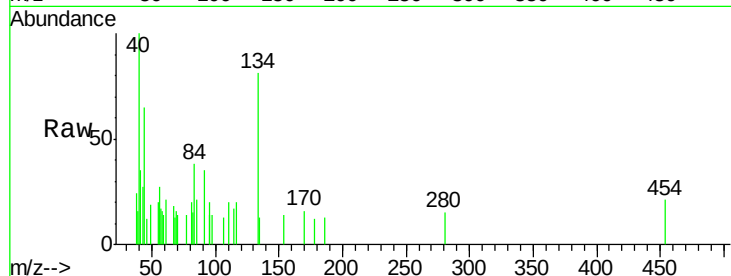
Tgt Ion:154 Resp: 113

Ion Ratio Lower Upper

154 100

153 0.0 35.2 52.8#

76 0.0 10.6 16.0#

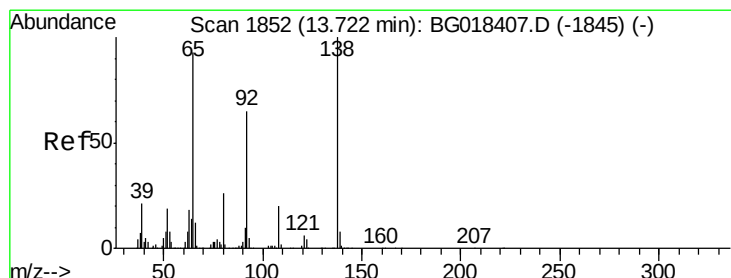
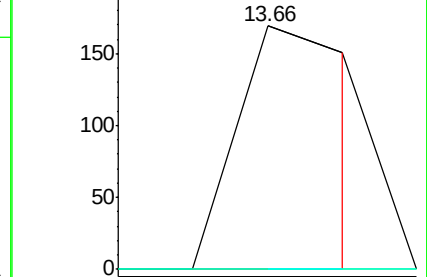
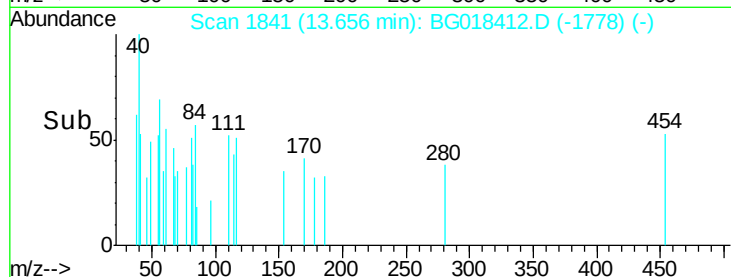


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC

Time-->



#43

2-Nitroaniline

Concen: 0.04 ng/ul

RT: 13.71 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

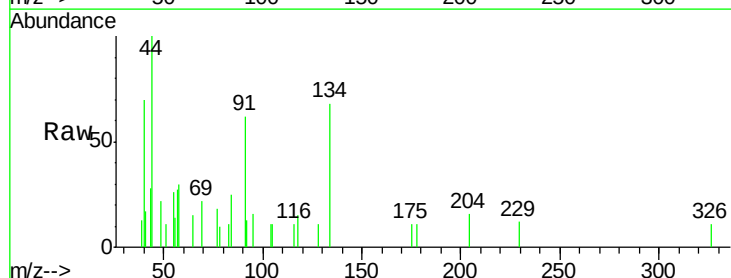
Tgt Ion: 65 Resp: 199

Ion Ratio Lower Upper

65 100

92 86.0 51.1 76.7#

138 0.0 75.1 112.7#

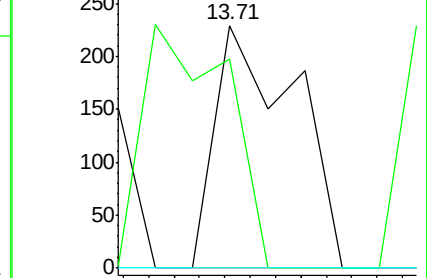
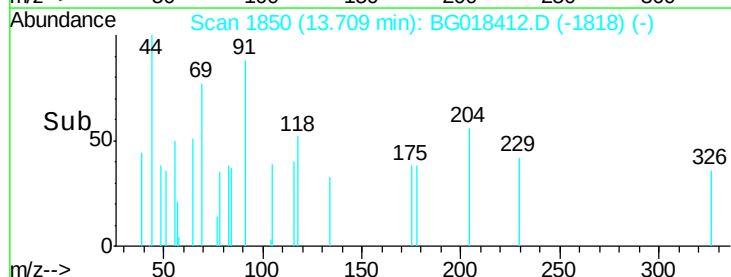


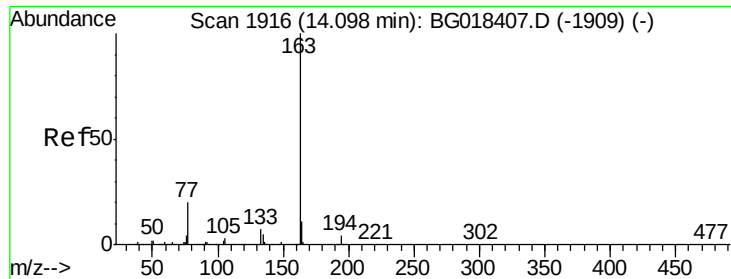
Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E

Time-->





#45

Dimethylphthalate

Concen: 0.02 ng/ul

RT: 14.06 min Scan# 1910

Delta R.T. -0.04 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

Instrument :

BNA_G

ClientSampleId :

MDL-05-S-ML

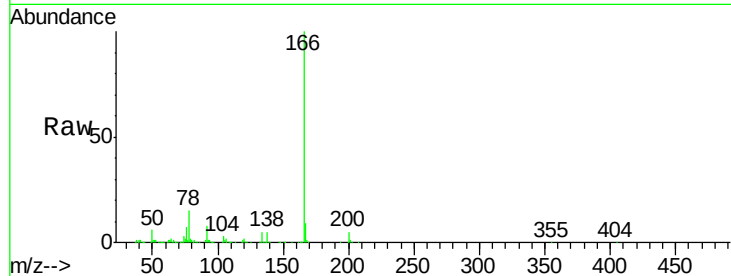
Tgt Ion:163 Resp: 429

Ion Ratio Lower Upper

163 100

194 29.7 2.9 4.3#

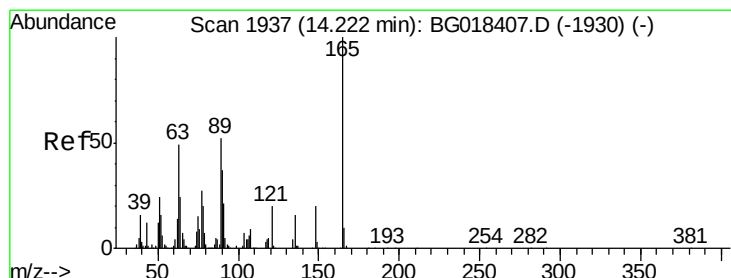
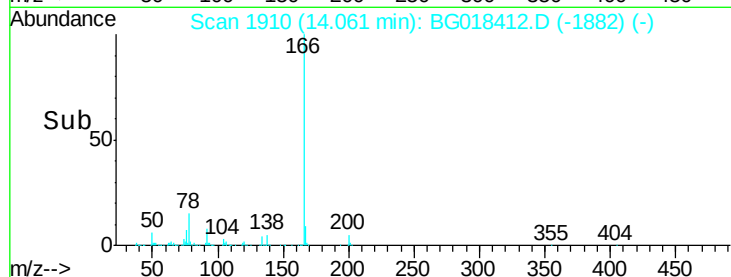
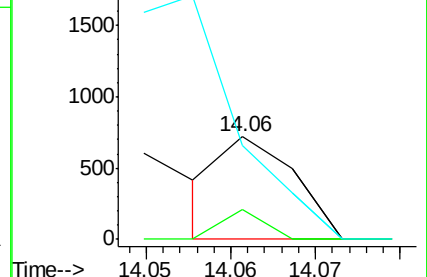
164 91.8 7.7 11.5#



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



#46

2,6-Dinitrotoluene

Concen: 0.02 ng/ul

RT: 14.24 min Scan# 1941

Delta R.T. 0.02 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

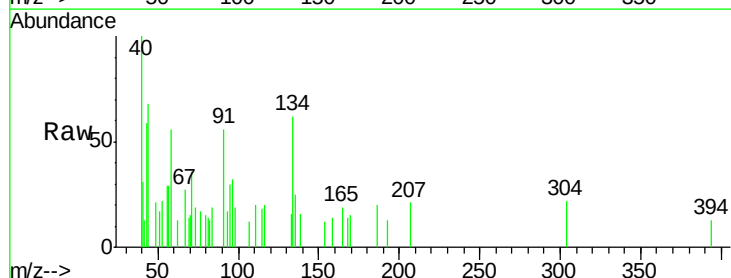
Tgt Ion:165 Resp: 82

Ion Ratio Lower Upper

165 100

89 0.0 50.2 75.2#

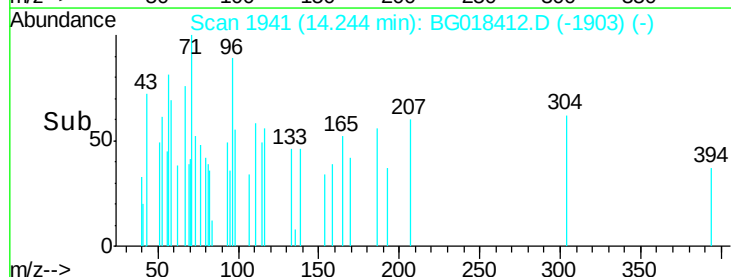
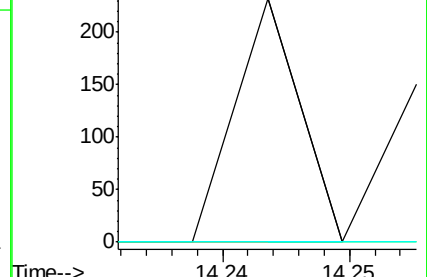
121 0.0 19.4 29.2#

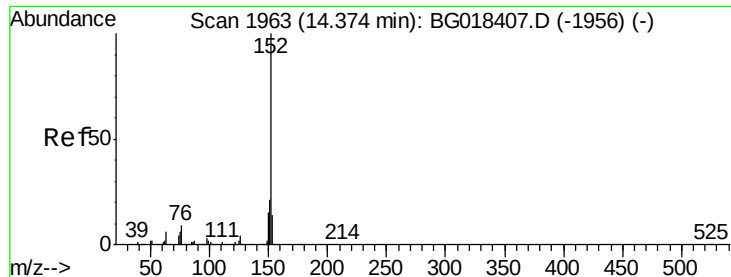


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#48

Acenaphthylene

Concen: 0.02 ng/ul

RT: 14.33 min Scan# 1956

Delta R.T. -0.04 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

Instrument :

BNA_G

ClientSampleId :

MDL-05-S-ML

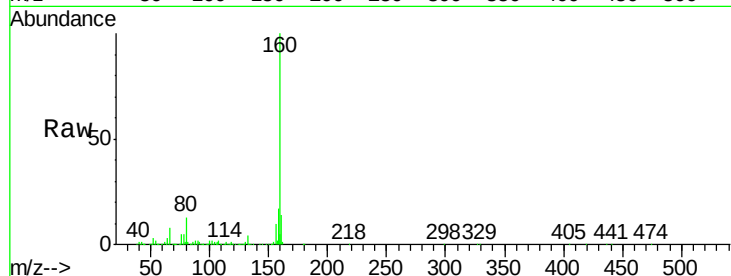
Tgt Ion:152 Resp: 569

Ion Ratio Lower Upper

152 100

151 0.0 15.4 23.2#

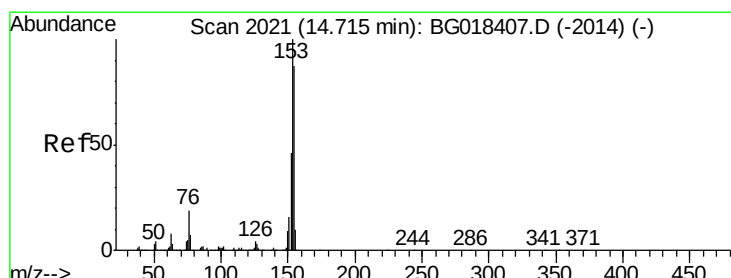
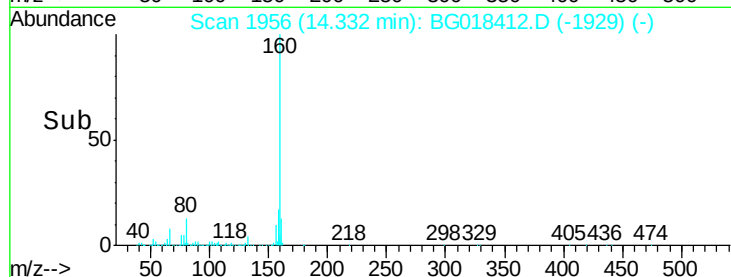
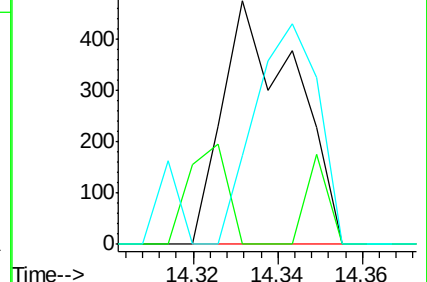
153 36.6 10.8 16.2#



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



#50

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.57 min Scan# 1997

Delta R.T. -0.14 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

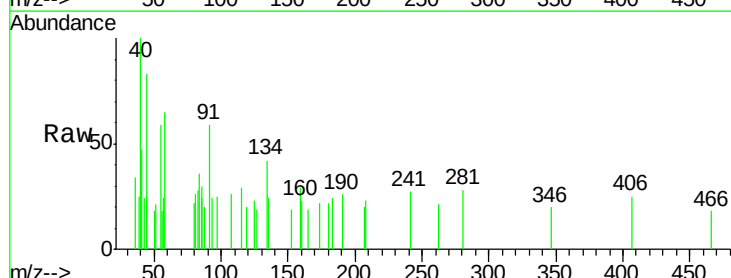
Tgt Ion:153 Resp: 56

Ion Ratio Lower Upper

153 100

152 100.0 38.2 57.4#

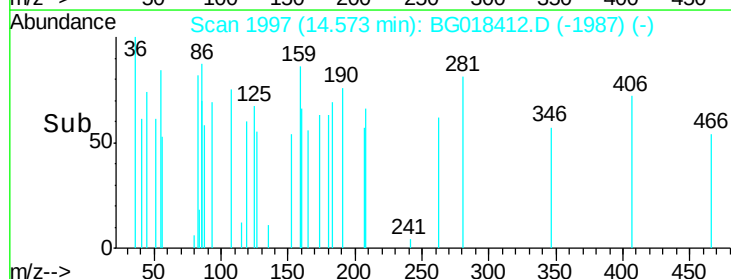
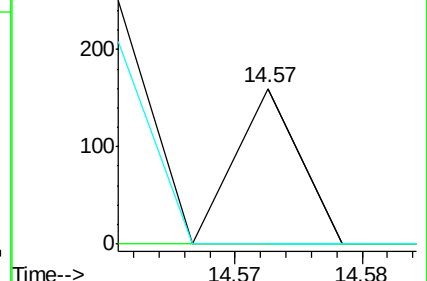
154 0.0 68.6 103.0#

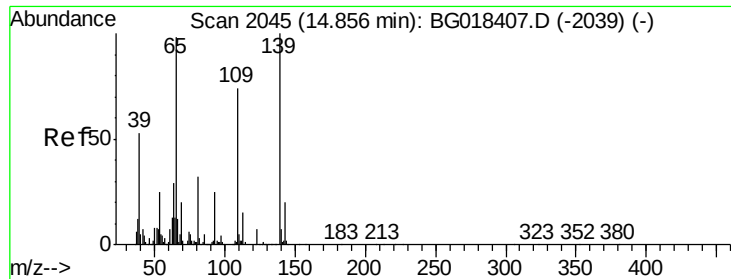


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 0.06 ng/ul

RT: 14.85 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

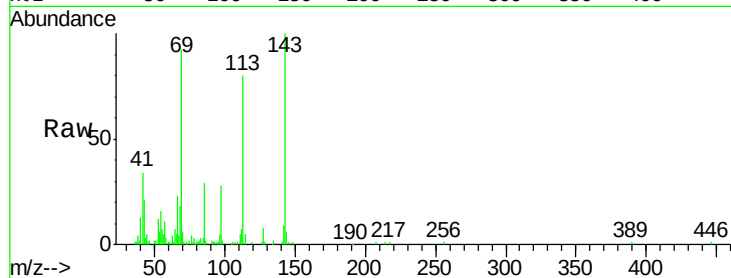
Instrument :

BNA_G

ClientSampleId :

MDL-05-S-ML

Tgt Ion	Ratio	Lower	Upper
109	100		
139	0.0	111.3	166.9#
65	433.5	105.3	157.9#

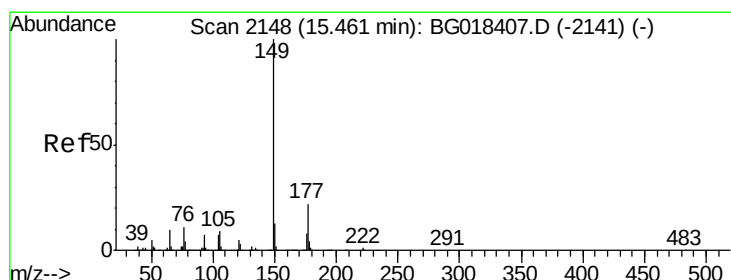
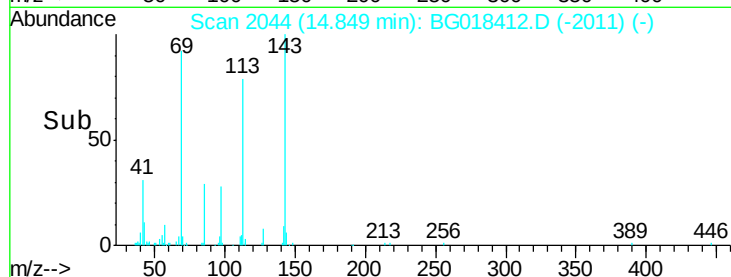
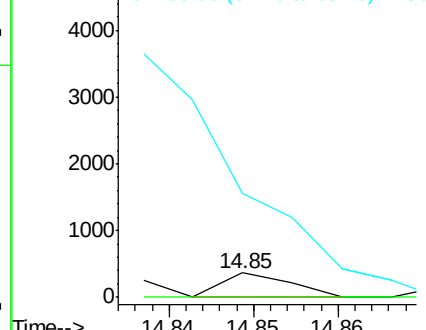


Abundance

Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): B



#57

Diethylphthalate

Concen: 0.09 ng/ul

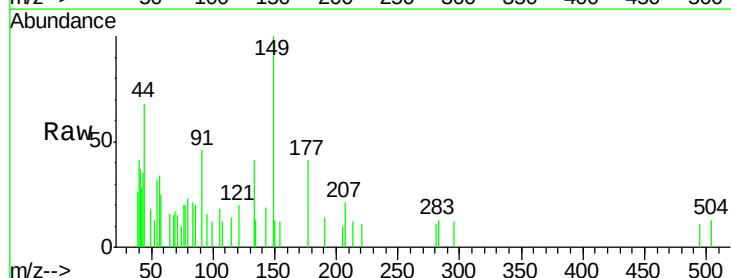
RT: 15.45 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	41.4	18.2	27.4#
150	13.0	9.7	14.5

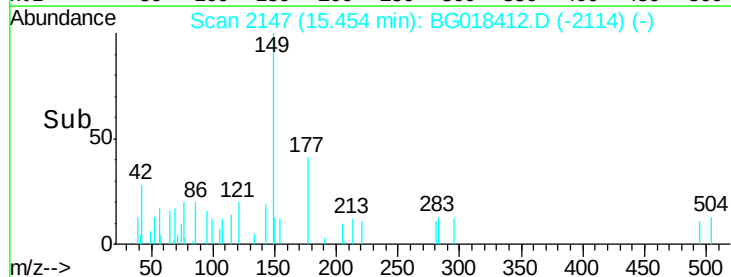
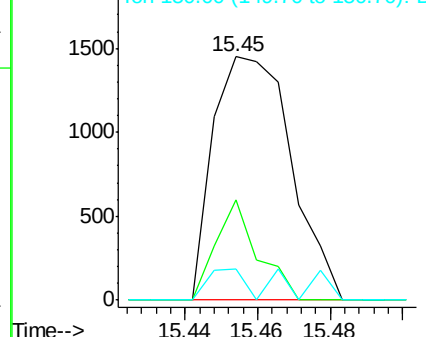


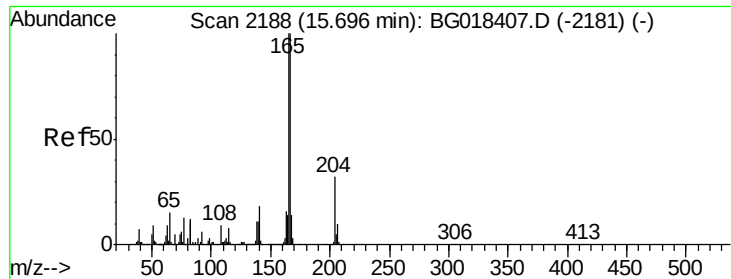
Abundance

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: 0.09 ng/ul

RT: 15.64 min Scan# 2179

Delta R.T. -0.05 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

Instrument :

BNA_G

ClientSampleId :

MDL-05-S-ML

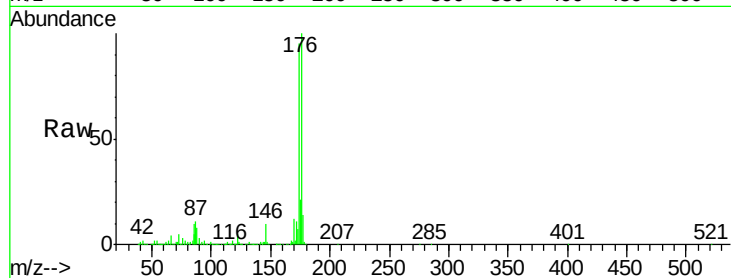
Tgt Ion:166 Resp: 1977

Ion Ratio Lower Upper

166 100

165 0.0 82.6 124.0#

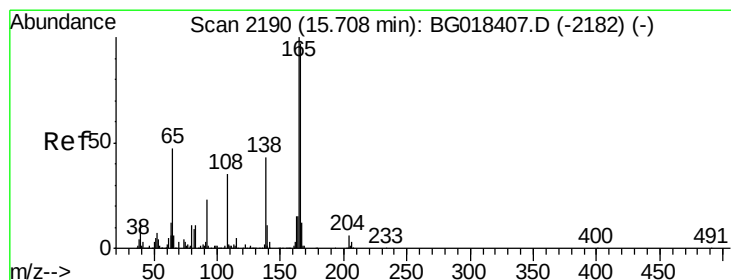
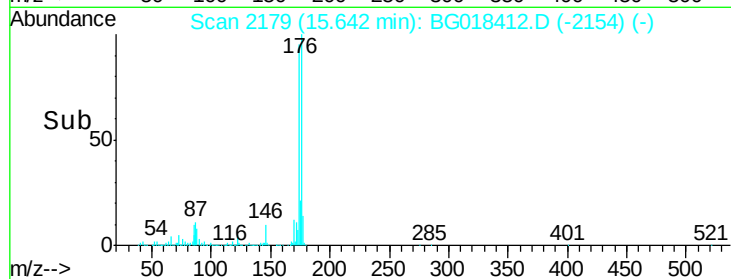
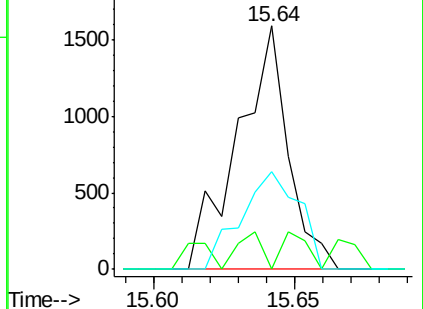
167 40.0 11.4 17.0#



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



#61

4-Nitroaniline

Concen: 0.04 ng/ul

RT: 15.65 min Scan# 2180

Delta R.T. -0.06 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

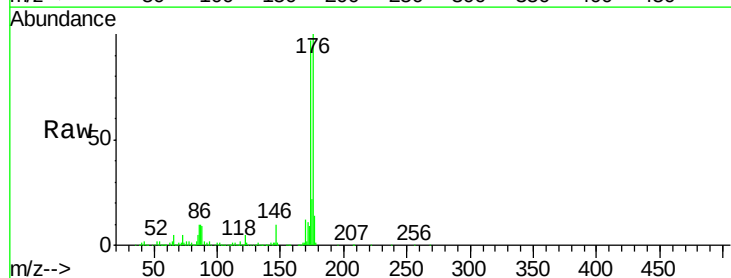
Tgt Ion:138 Resp: 183

Ion Ratio Lower Upper

138 100

92 425.1 44.0 66.0#

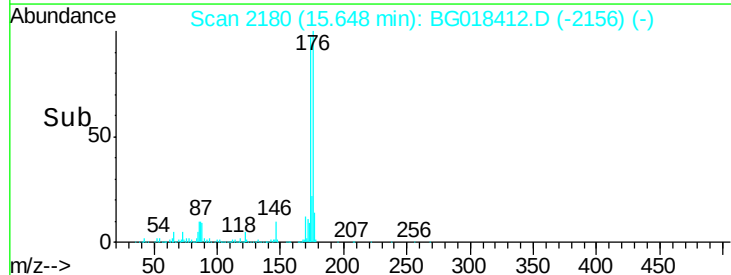
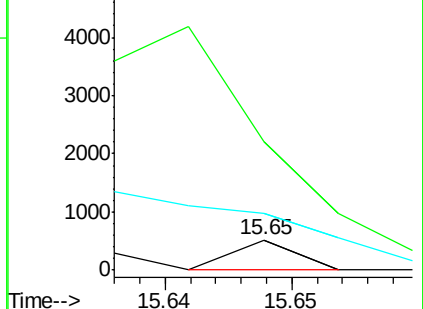
108 187.1 64.6 97.0#

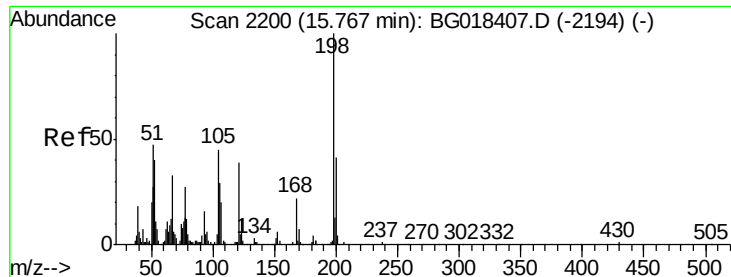


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG0

Ion 108.00 (107.70 to 108.70): E





#64

4,6-Dinitro-2-methylphenol

Concen: 0.04 ng/ul

RT: 15.75 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

Instrument :

BNA_G

ClientSampleId :

MDL-05-S-ML

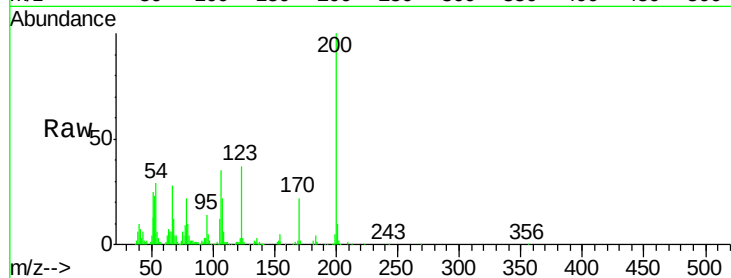
Tgt Ion:198 Resp: 161

Ion Ratio Lower Upper

198 100

182 318.3 3.4 5.0#

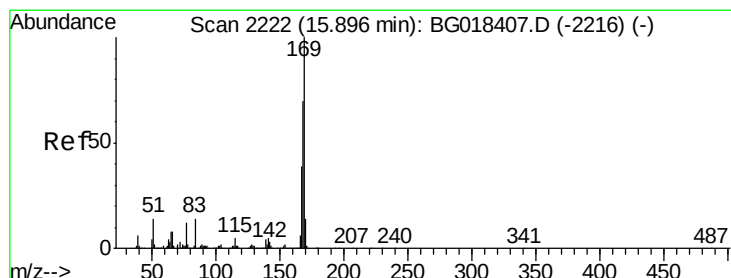
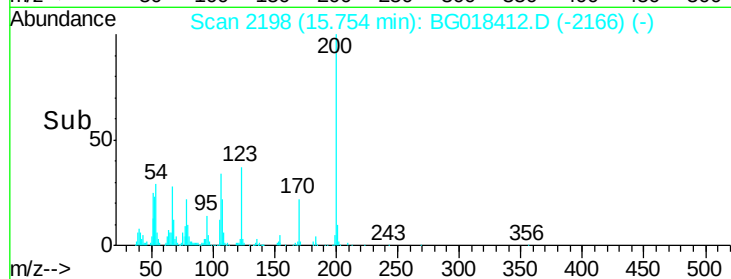
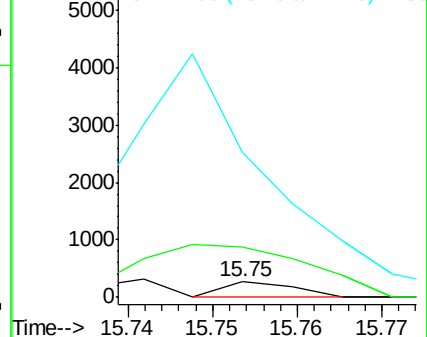
77 927.1 22.4 33.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BGC



#65

N-Nitrosodiphenylamine

Concen: 0.06 ng/ul

RT: 15.75 min Scan# 2198

Delta R.T. -0.14 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

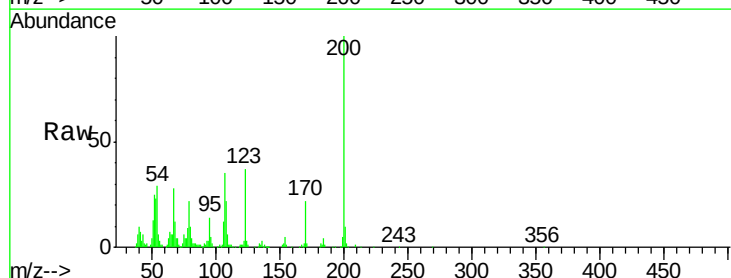
Tgt Ion:169 Resp: 1212

Ion Ratio Lower Upper

169 100

168 19.8 60.2 90.2#

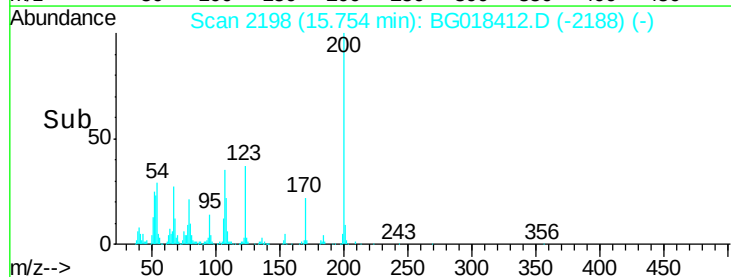
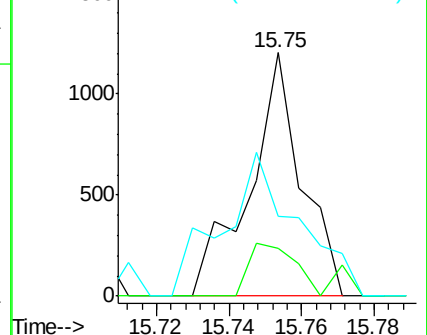
167 32.8 33.4 50.2#

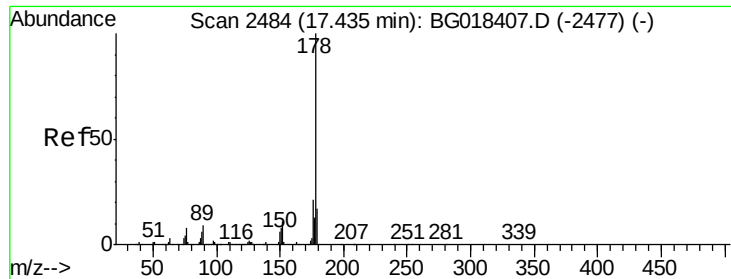


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.40 min Scan# 2478

Delta R.T. -0.04 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

Instrument :

BNA_G

ClientSampleId :

MDL-05-S-ML

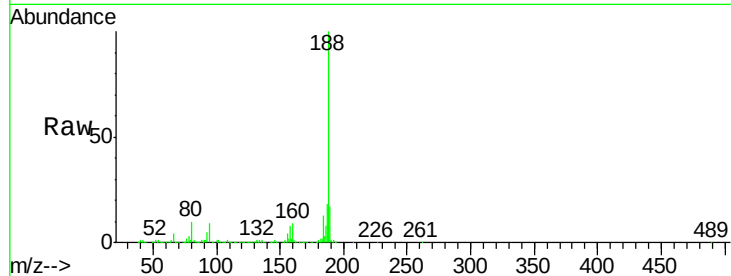
Tgt Ion:178 Resp: 87

Ion Ratio Lower Upper

178 100

179 384.3 13.7 20.5#

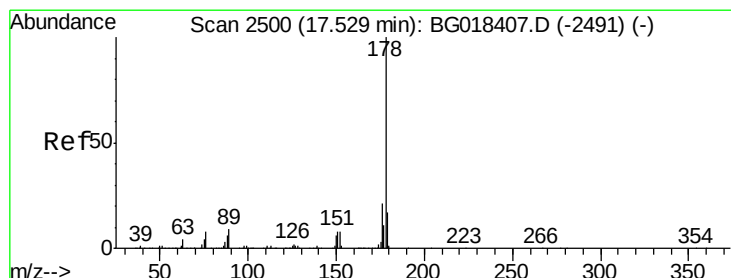
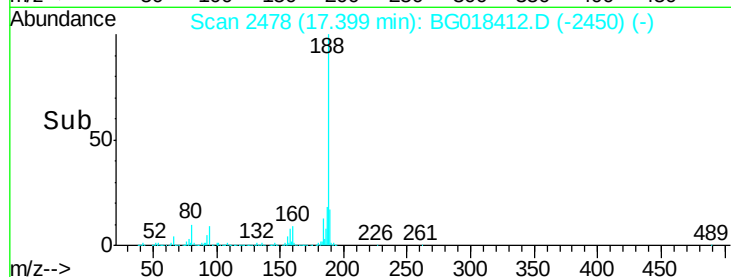
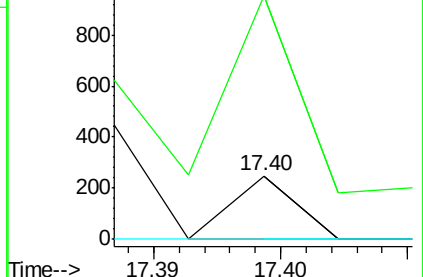
176 0.0 16.6 24.8#



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: 0.00 ng/ul

RT: 17.53 min Scan# 2500

Delta R.T. -0.00 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

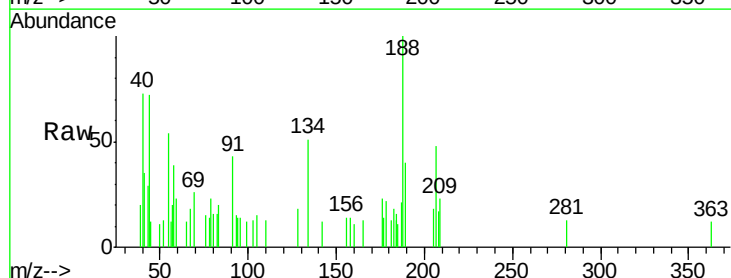
Tgt Ion:178 Resp: 177

Ion Ratio Lower Upper

178 100

179 0.0 13.0 19.4#

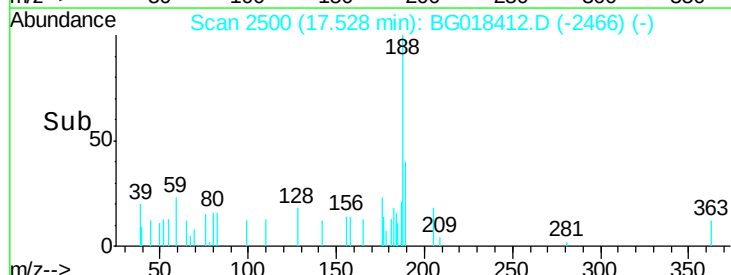
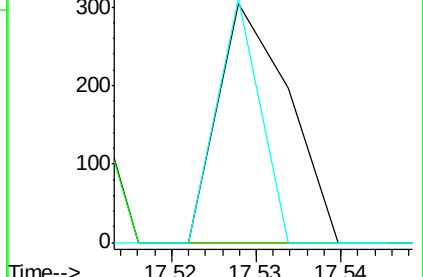
176 102.0 16.0 24.0#

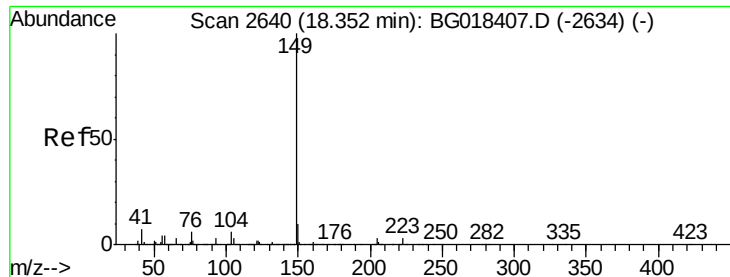


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

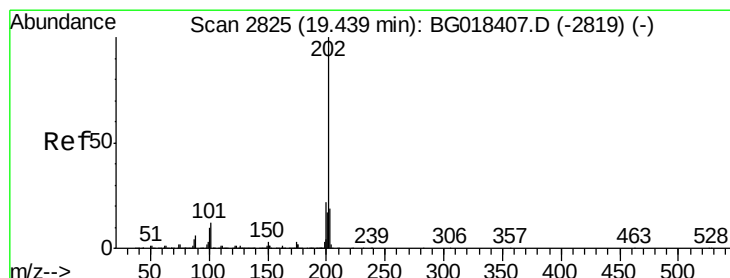
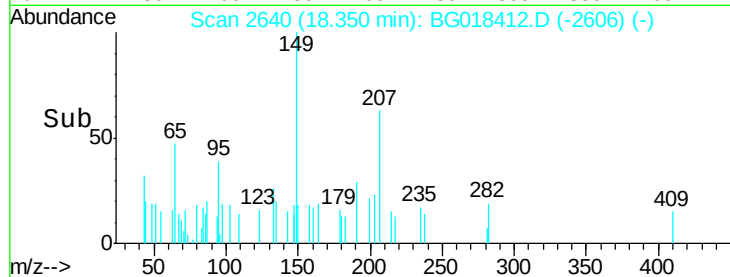
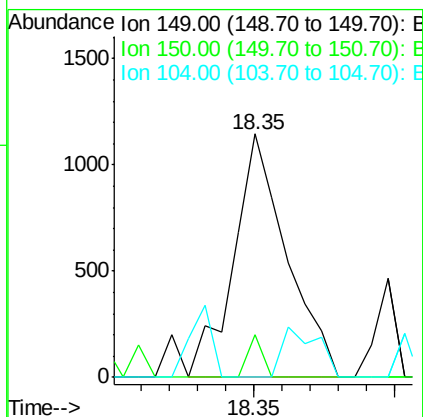
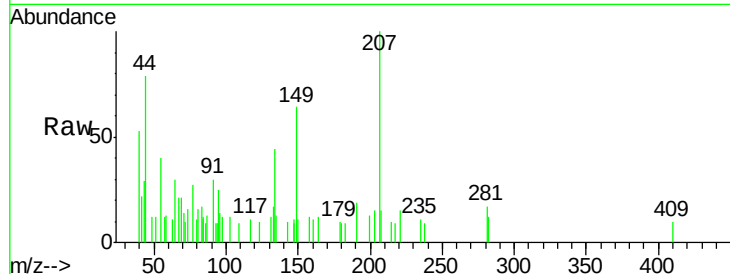




#76
Di-n-butylphthalate
Concen: 0.03 ng/ul
RT: 18.35 min Scan# 2640
Delta R.T. -0.00 min
Lab File: BG018412.D
Acq: 13 Aug 2015 00:17

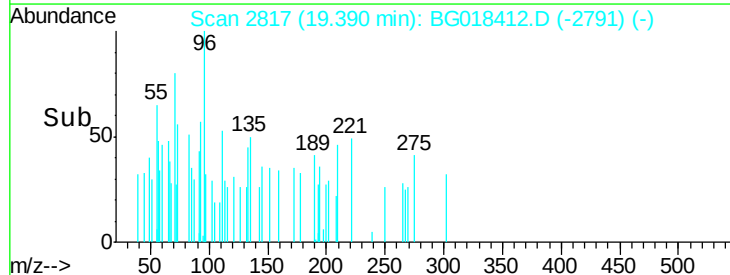
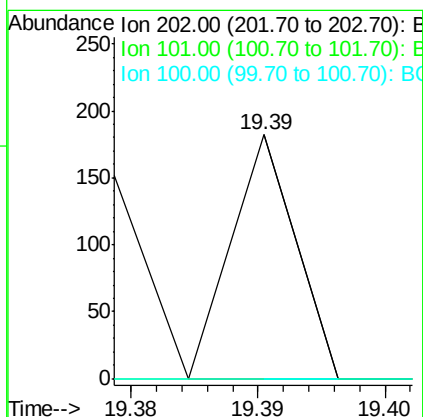
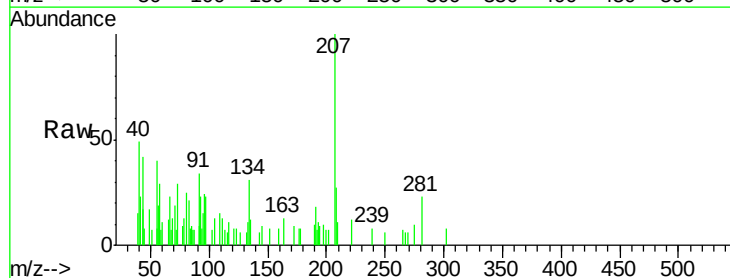
Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

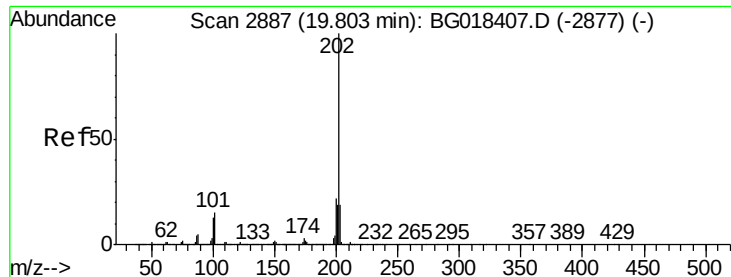
Tgt Ion:149 Resp: 1492
Ion Ratio Lower Upper
149 100
150 17.5 7.5 11.3#
104 0.0 4.3 6.5#



#77
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.39 min Scan# 2817
Delta R.T. -0.05 min
Lab File: BG018412.D
Acq: 13 Aug 2015 00:17

Tgt Ion:202 Resp: 64
Ion Ratio Lower Upper
202 100
101 0.0 9.7 14.5#
100 0.0 7.8 11.8#





#80

Pyrene

Concen: 0.04 ng/ul

RT: 19.77 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

Instrument :

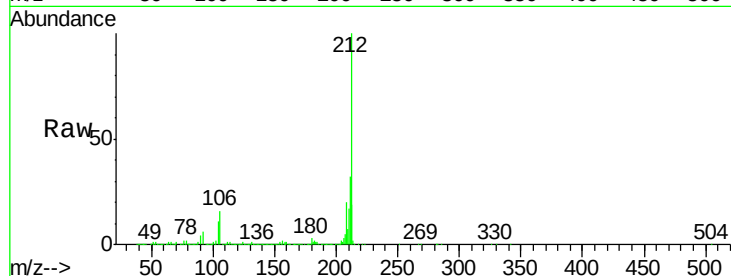
BNA_G

ClientSampleId :

MDL-05-S-ML

Tgt Ion: 202 Resp: 2106

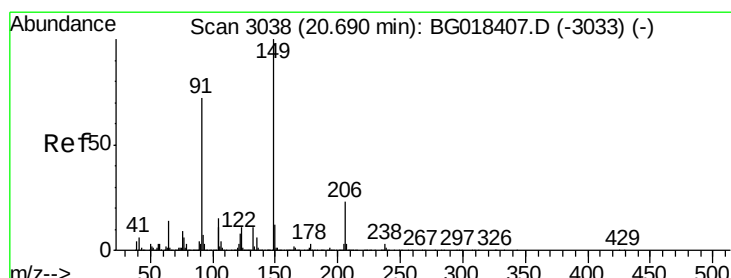
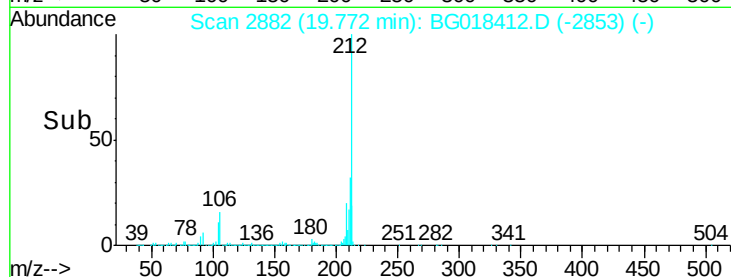
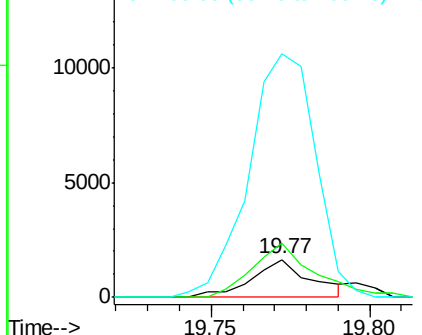
Ion	Ratio	Lower	Upper
202	100		
101	142.4	11.0	16.4#
100	646.2	9.8	14.6#



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): B



#81

Butylbenzylphthalate

Concen: 0.01 ng/ul

RT: 20.68 min Scan# 3037

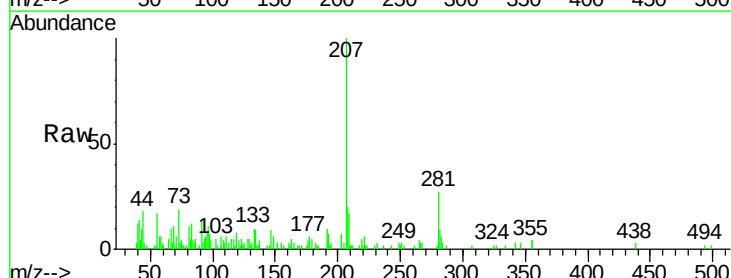
Delta R.T. -0.01 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

Tgt Ion: 149 Resp: 100

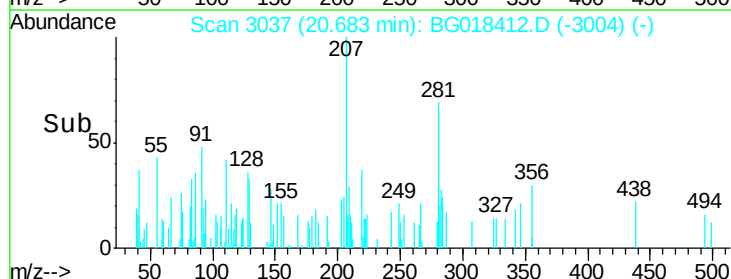
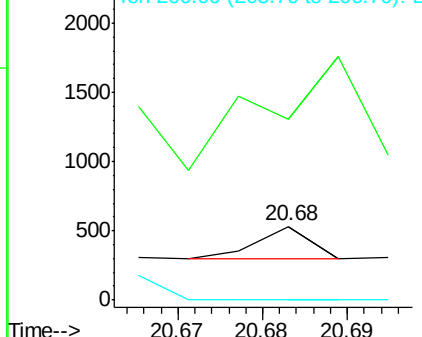
Ion	Ratio	Lower	Upper
149	100		
91	244.6	57.9	86.9#
206	0.0	17.9	26.9#

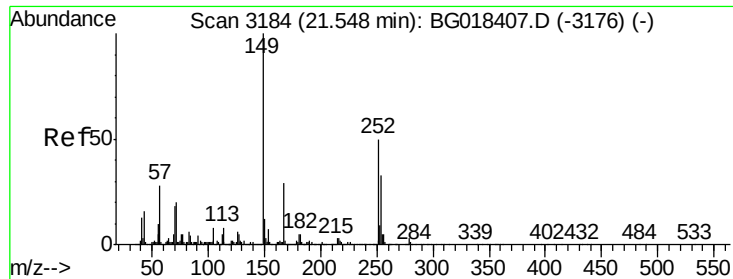


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E

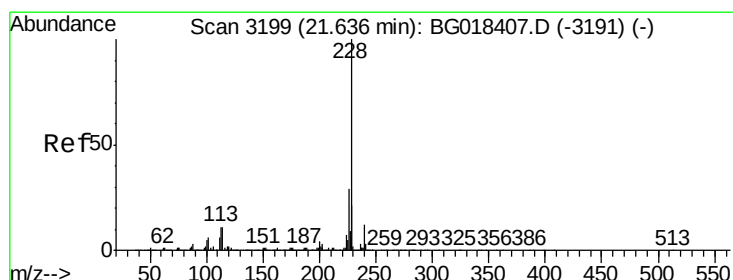
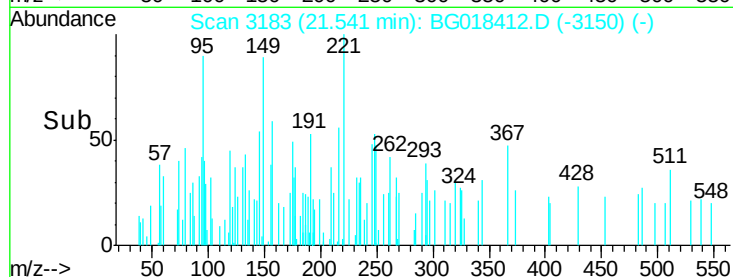
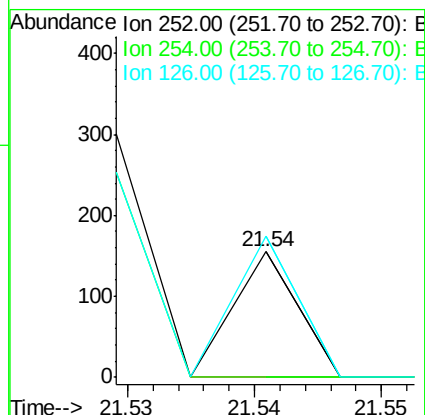
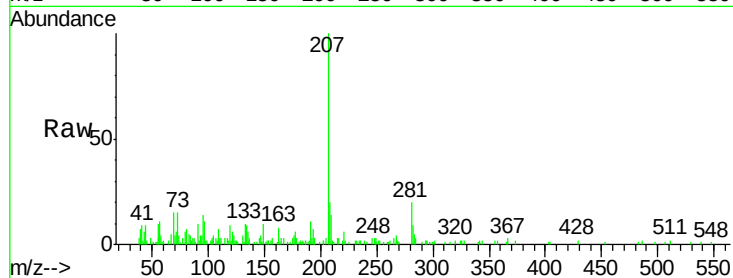




#82
 3,3'-Dichlorobenzidine
 Concen: 0.00 ng/ul
 RT: 21.54 min Scan# 3183
 Delta R.T. -0.01 min
 Lab File: BG018412.D
 Acq: 13 Aug 2015 00:17

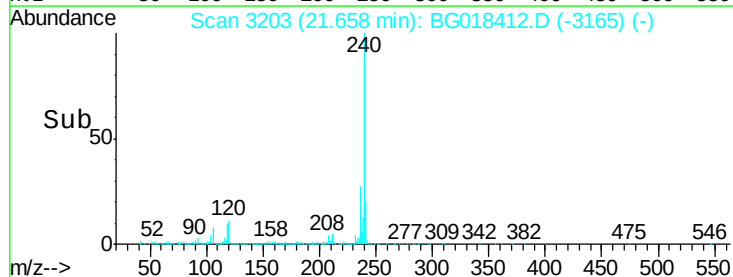
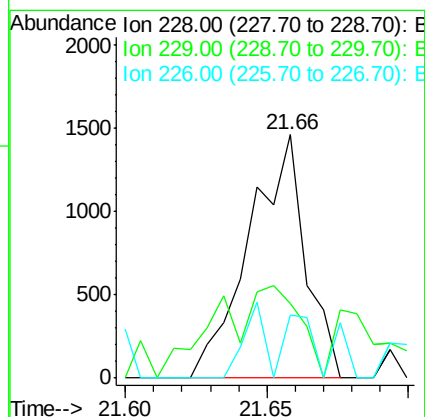
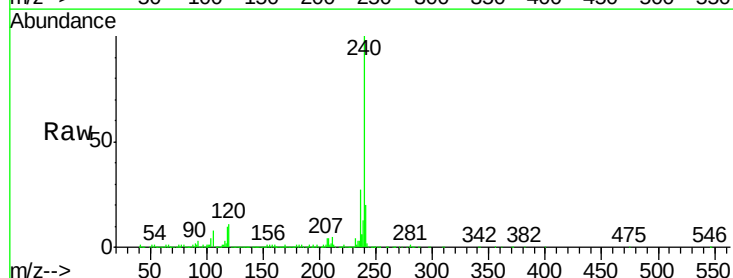
Instrument :
 BNA_G
 ClientSampleId :
 MDL-05-S-ML

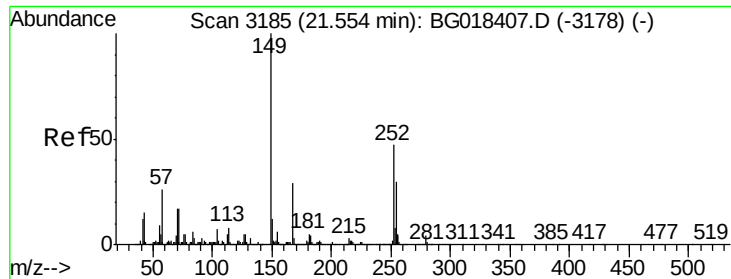
Tgt Ion:252 Resp: 55
 Ion Ratio Lower Upper
 252 100
 254 0.0 50.9 76.3#
 126 112.3 9.6 14.4#



#83
 Benzo(a)anthracene
 Concen: 0.05 ng/ul
 RT: 21.66 min Scan# 3203
 Delta R.T. 0.02 min
 Lab File: BG018412.D
 Acq: 13 Aug 2015 00:17

Tgt Ion:228 Resp: 2020
 Ion Ratio Lower Upper
 228 100
 229 30.8 15.5 23.3#
 226 26.0 22.1 33.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.06 ng/ul

RT: 21.55 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

Instrument :

BNA_G

ClientSampleId :

MDL-05-S-ML

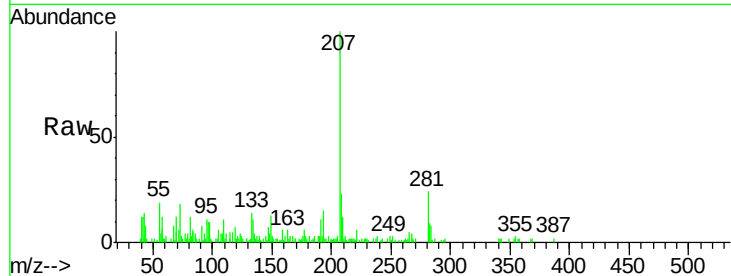
Tgt Ion:149 Resp: 1596

Ion Ratio Lower Upper

149 100

167 20.3 22.2 33.2#

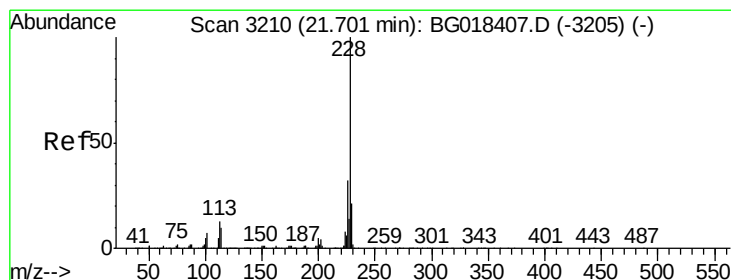
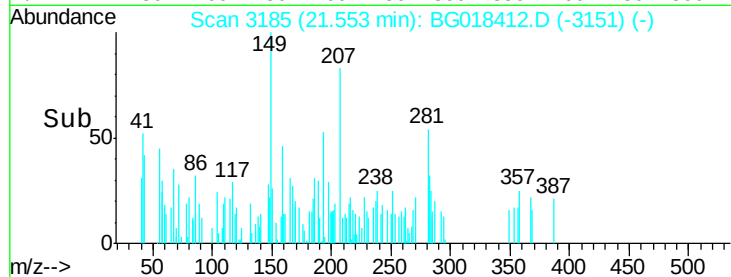
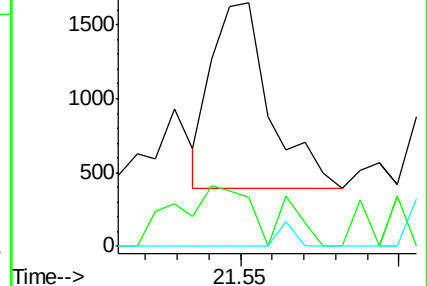
279 0.0 2.8 4.2#



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



#85

Chrysene

Concen: 0.05 ng/ul

RT: 21.66 min Scan# 3203

Delta R.T. -0.04 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

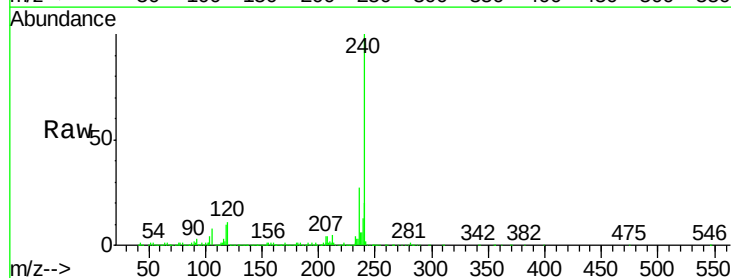
Tgt Ion:228 Resp: 2020

Ion Ratio Lower Upper

228 100

226 26.0 26.5 39.7#

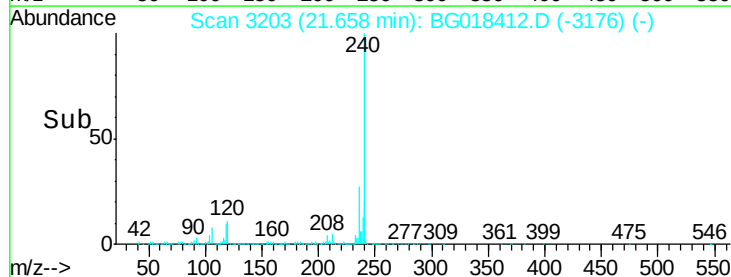
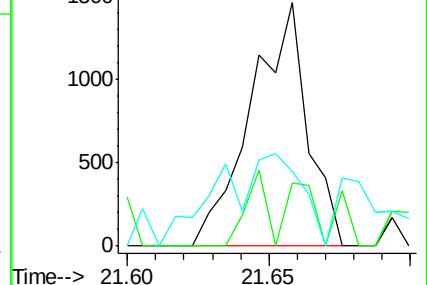
229 30.8 16.9 25.3#

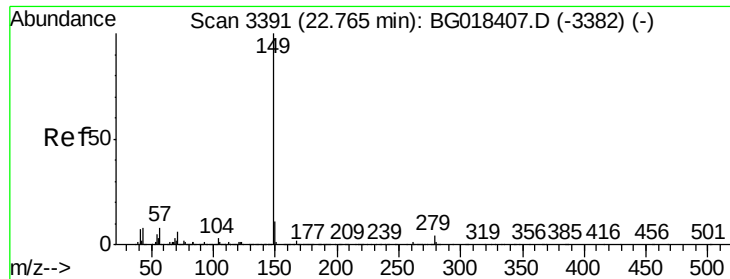


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 0.01 ng/ul

RT: 22.76 min Scan# 3390

Delta R.T. -0.01 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

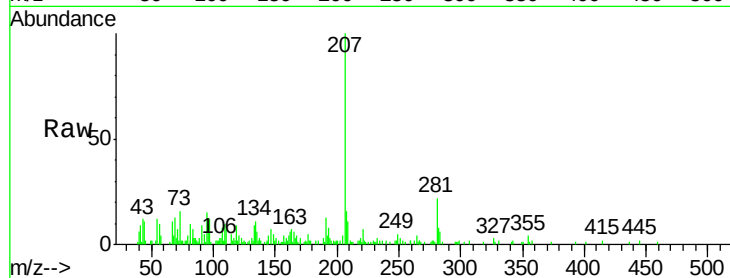
Instrument :

BNA_G

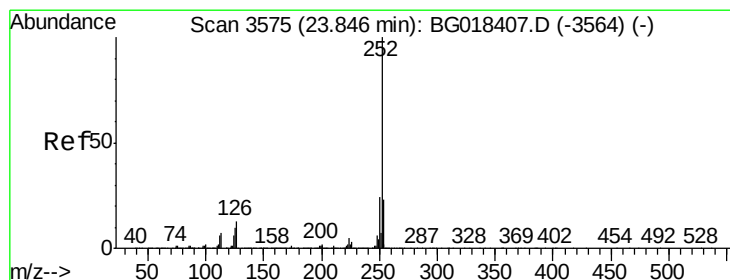
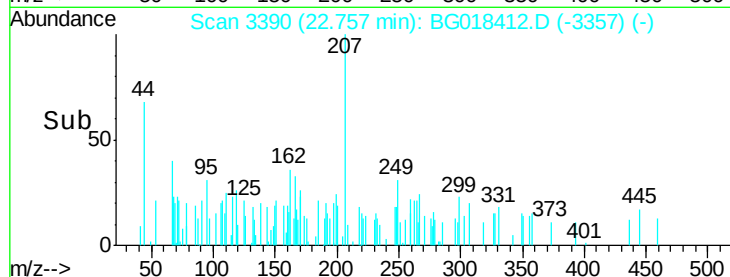
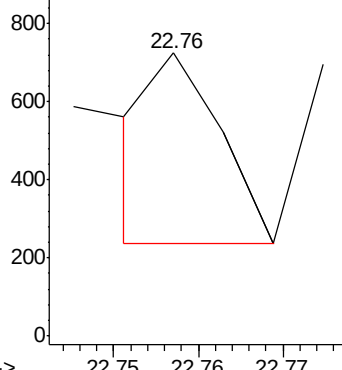
ClientSampleId :

MDL-05-S-ML

Tgt Ion:149 Resp: 273



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 23.84 min Scan# 3575

Delta R.T. -0.00 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

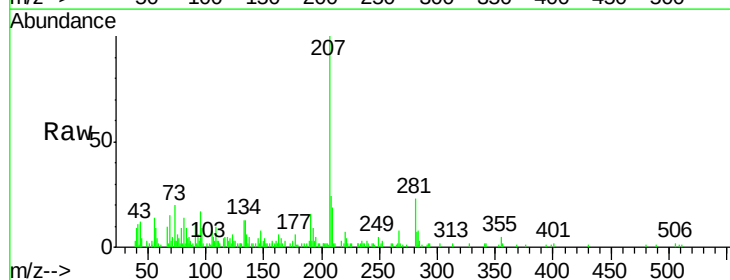
Tgt Ion:252 Resp: 195

Ion Ratio Lower Upper

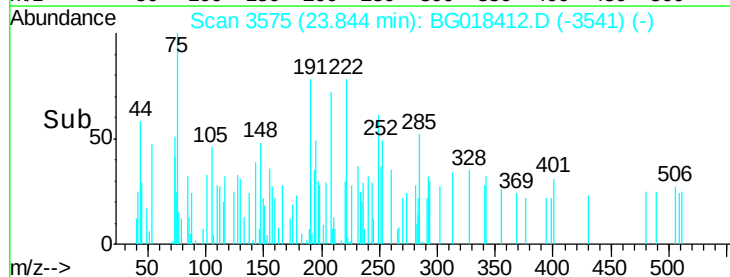
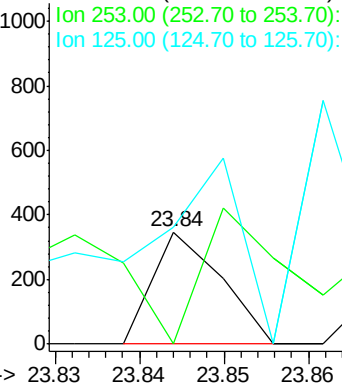
252 100

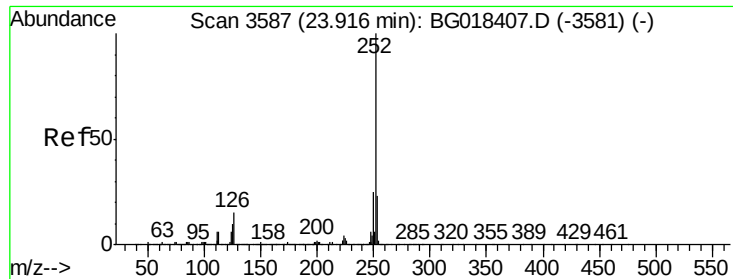
253 0.0 18.1 27.1#

125 104.3 8.3 12.5#



Abundance Ion 252.00 (251.70 to 252.70): E





#89

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 23.91 min Scan# 3587

Delta R.T. -0.00 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

Instrument :

BNA_G

ClientSampleId :

MDL-05-S-ML

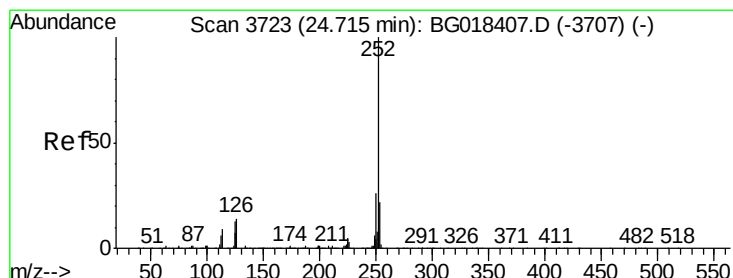
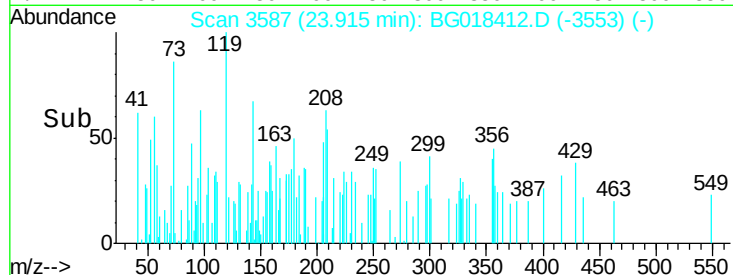
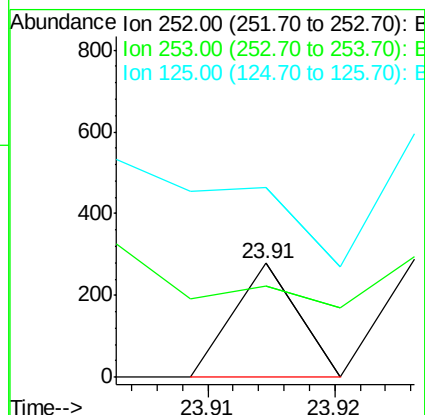
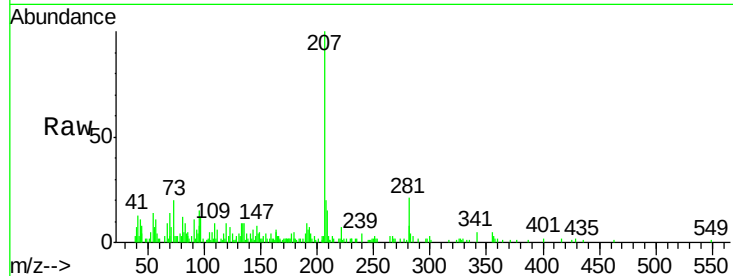
Tgt Ion:252 Resp: 98

Ion Ratio Lower Upper

252 100

253 79.9 17.8 26.6#

125 166.3 9.0 13.4#



#91

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 24.71 min Scan# 3722

Delta R.T. -0.01 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

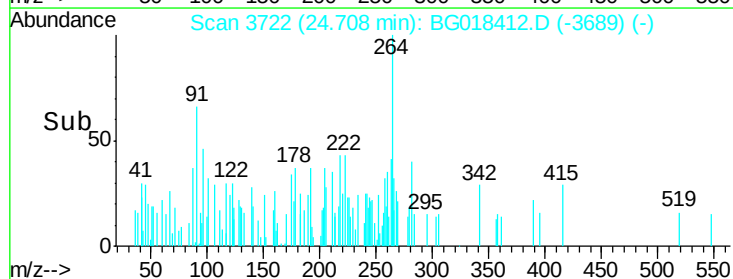
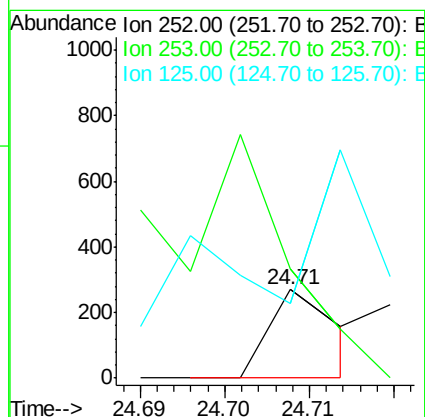
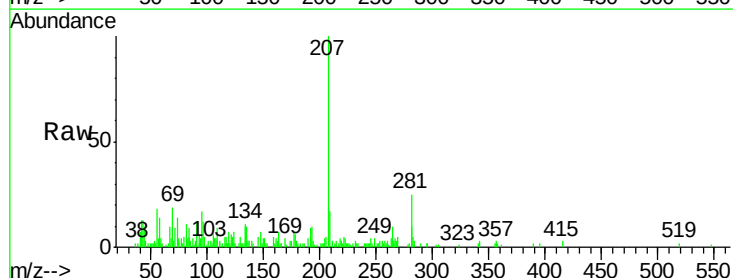
Tgt Ion:252 Resp: 150

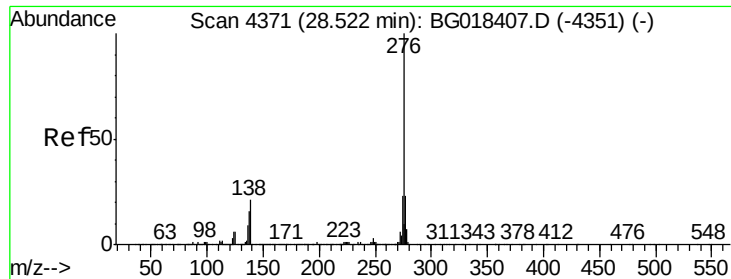
Ion Ratio Lower Upper

252 100

253 123.4 17.7 26.5#

125 84.8 10.2 15.2#





#92

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 28.49 min Scan# 4365

Delta R.T. -0.04 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

Instrument :

BNA_G

ClientSampleId :

MDL-05-S-ML

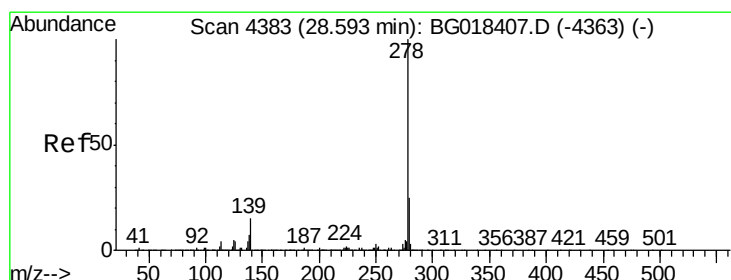
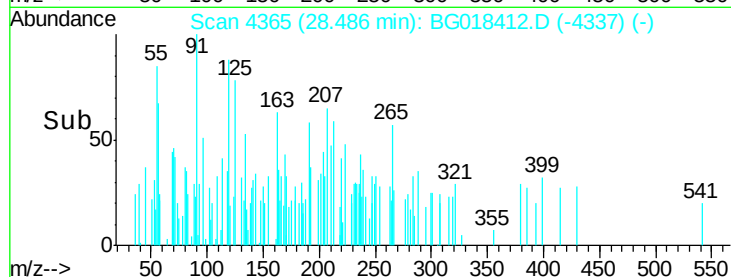
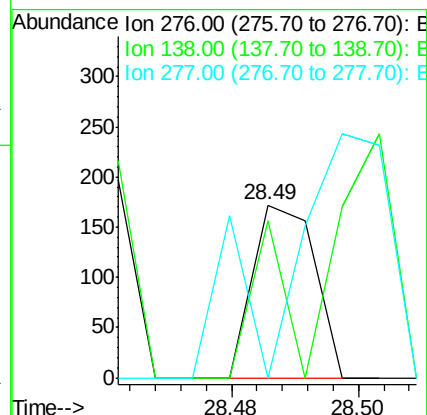
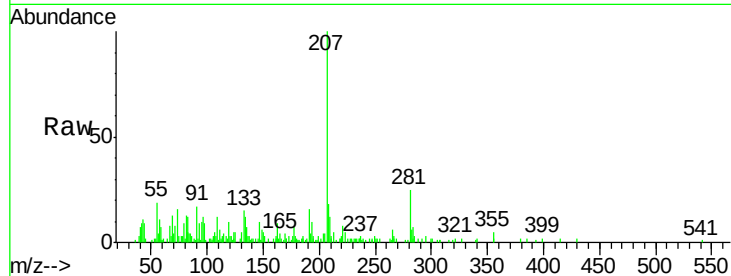
Tgt Ion:276 Resp: 116

Ion Ratio Lower Upper

276 100

138 90.7 15.8 23.6#

277 0.0 18.9 28.3#



#93

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 28.43 min Scan# 4355

Delta R.T. -0.17 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

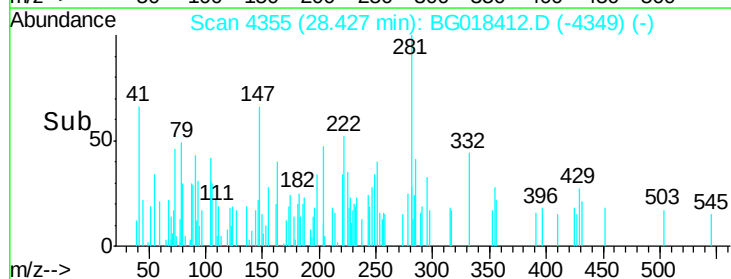
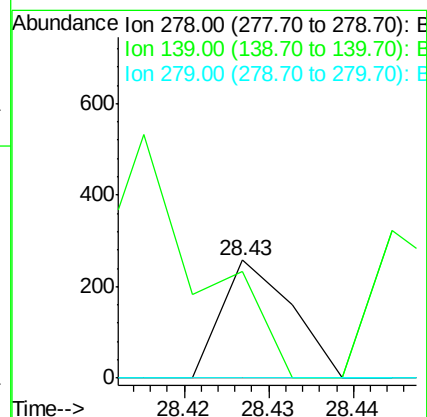
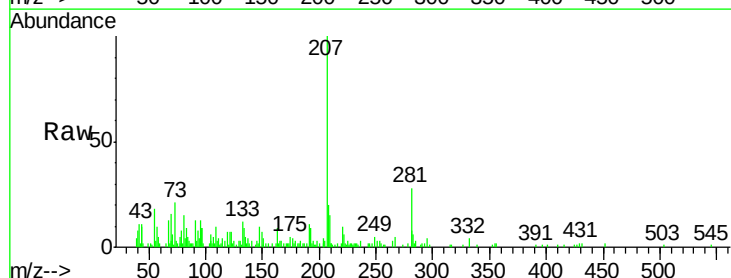
Tgt Ion:278 Resp: 147

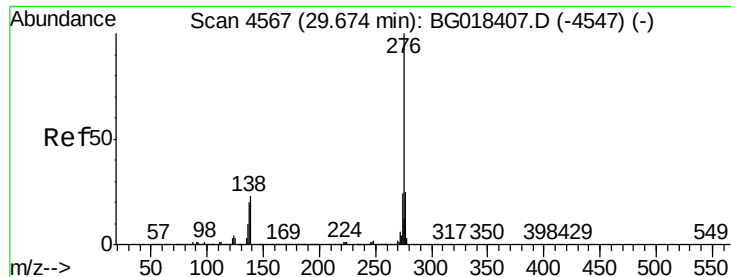
Ion Ratio Lower Upper

278 100

139 91.1 13.8 20.6#

279 0.0 17.8 26.8#





#94

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 29.65 min Scan# 4564

Delta R.T. -0.02 min

Lab File: BG018412.D

Acq: 13 Aug 2015 00:17

Instrument :

BNA_G

ClientSampleId :

MDL-05-S-ML

Tgt Ion: 276 Resp: 120

Ion Ratio Lower Upper

276 100

138 0.0 16.5 24.7#

277 191.2 19.0 28.6#

