

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081215\
 Data File : BG018415.D
 Acq On : 13 Aug 2015 2:11
 Operator : UM/MA
 Sample : MDL-07-S-ML
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S-ML

Quant Time: Aug 13 04:15:54 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	100084	20.00	ng/ul	0.00
18) Naphthalene-d8	10.83	136	441449	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.65	164	297055	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	734383	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	707582	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	718233	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	9404	4.15	ng/uL	0.00
5) Phenol-d5	7.18	99	205854	22.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	132891	23.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	161854	23.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	179752	23.55	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	86198	25.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	94150	26.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	180566	24.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	257661	30.65	ng/ul	0.00
44) Dimethylphthalate-d6	14.05	166	645272	25.82	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	782651	24.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	111551	24.81	ng/ul	0.00
58) Fluorene-d10	15.64	176	556573	25.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	71267	19.73	ng/ul	0.00
71) Anthracene-d10	17.49	188	891471	25.38	ng/ul	0.00
79) Pyrene-d10	19.77	212	960712	26.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.64	264	989258	25.94	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	165	0.07	ng/uL#	1
4) Benzaldehyde	7.18	77	385	0.07	ng/ul#	24
6) Phenol	7.18	94	214	0.02	ng/ul#	1
8) Bis(2-Chloroethyl)ether	7.44	93	912	0.13	ng/ul#	59
10) 2-Chlorophenol	7.56	128	186	0.03	ng/ul#	1
12) 2,2'-oxybis(1-Chloropropan	8.56	45	54	0.00	ng/ul#	1
14) Acetophenone	8.84	105	70	0.01	ng/ul#	20
15) N-Nitroso-di-n-propylamine	8.83	70	59	0.01	ng/ul#	38
16) 4-Methylphenol	8.72	108	104	0.01	ng/ul	84
17) Hexachloroethane	9.12	117	60	0.02	ng/ul#	10
20) Nitrobenzene	9.23	77	252	0.03	ng/ul#	15
21) Isophorone	9.74	82	67	0.00	ng/ul#	1
23) 2-Nitrophenol	9.83	139	94	0.02	ng/ul#	1
24) 2,4-Dimethylphenol	9.98	107	88	0.01	ng/ul#	12
25) Bis(2-Chloroethoxy)methane	10.24	93	62	0.01	ng/ul#	1
27) 2,4-Dichlorophenol	10.44	162	78	0.01	ng/ul#	1
28) Naphthalene	10.89	128	137	0.01	ng/ul#	6
30) 4-Chloroaniline	10.94	127	111	0.01	ng/ul#	1
33) 4-Chloro-3-methylphenol	12.16	107	190	0.02	ng/ul#	18
34) 2-Methylnaphthalene	12.36	142	60	0.00	ng/ul#	1
35) 1-Methylnaphthalene	12.70	142	41790	2.53	ng/ul	100
43) 2-Nitroaniline	13.73	65	194	0.03	ng/ul#	9
45) Dimethylphthalate	14.06	163	623	0.03	ng/ul#	1

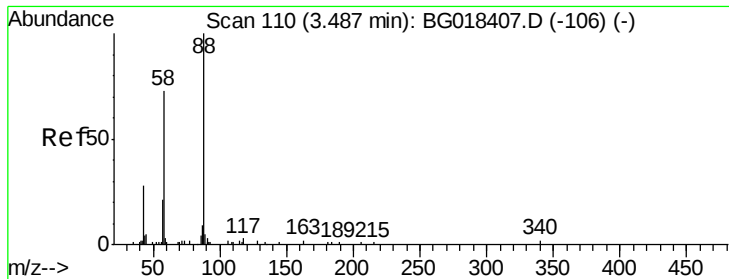
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081215\
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 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2,6-Dinitrotoluene	14.07	165	219	0.04	ng/ul#	28
48) Acenaphthylene	14.34	152	225	0.01	ng/ul#	1
50) Acenaphthene	14.65	153	127	0.01	ng/ul#	1
53) 4-Nitrophenol	14.86	109	67	0.02	ng/ul#	1
57) Diethylphthalate	15.46	149	312	0.01	ng/ul#	58
59) Fluorene	15.71	166	127	0.01	ng/ul#	7
60) 4-Chlorophenyl-phenylether	15.56	204	58	0.00	ng/ul#	28
61) 4-Nitroaniline	15.75	138	513	0.09	ng/ul#	1
64) 4,6-Dinitro-2-methylphenol	15.75	198	234	0.06	ng/ul#	1
65) N-Nitrosodiphenylamine	15.78	169	55	0.00	ng/ul#	20
69) Pentachlorophenol	16.98	266	162	0.03	ng/ul#	16
70) Phenanthrene	17.43	178	368	0.01	ng/ul#	58
72) Anthracene	17.48	178	262	0.01	ng/ul#	1
75) Carbazole	17.85	167	55	0.00	ng/ul#	1
76) Di-n-butylphthalate	18.36	149	753	0.02	ng/ul#	62
80) Pyrene	19.80	202	204	0.00	ng/ul#	67
81) Butylbenzylphthalate	20.67	149	362	0.02	ng/ul#	1
82) 3,3'-Dichlorobenzidine	21.54	252	119	0.01	ng/ul#	26
83) Benzo(a)anthracene	21.62	228	257	0.01	ng/ul#	27
84) Bis(2-ethylhexyl)phthalate	21.55	149	1278	0.04	ng/ul#	85
85) Chrysene	21.69	228	126	0.00	ng/ul#	10
87) Di-n-octyl phthalate	22.75	149	229	0.00	ng/ul	100
88) Benzo(b)fluoranthene	23.85	252	54	0.00	ng/ul#	1
89) Benzo(k)fluoranthene	23.92	252	272	0.01	ng/ul#	1
91) Benzo(a)pyrene	24.70	252	115	0.00	ng/ul#	1
92) Indeno(1,2,3-cd)pyrene	28.60	276	120	0.00	ng/ul#	54
93) Dibenzo(a,h)anthracene	28.55	278	129	0.00	ng/ul#	1
94) Benzo(g,h,i)perylene	29.64	276	253	0.01	ng/ul#	67

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



#2

1,4-Dioxane

Concen: 0.07 ng/uL

RT: 3.48 min Scan# 109

Delta R.T. -0.01 min

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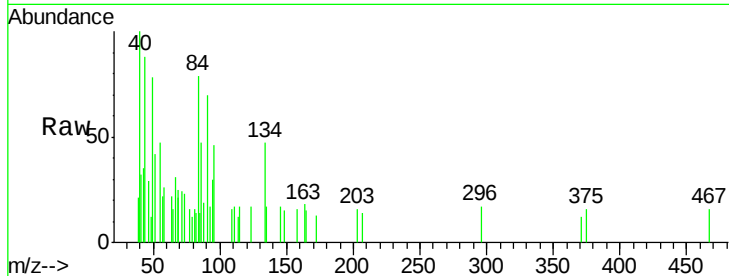
Tgt Ion: 88 Resp: 165

Ion Ratio Lower Upper

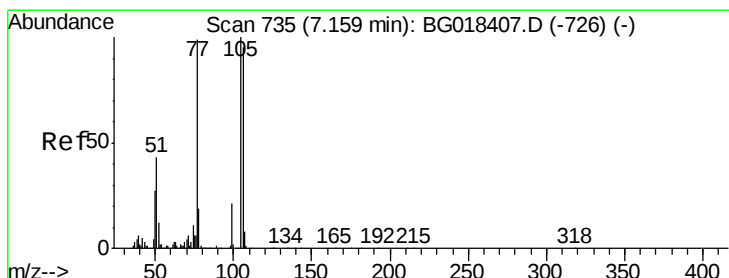
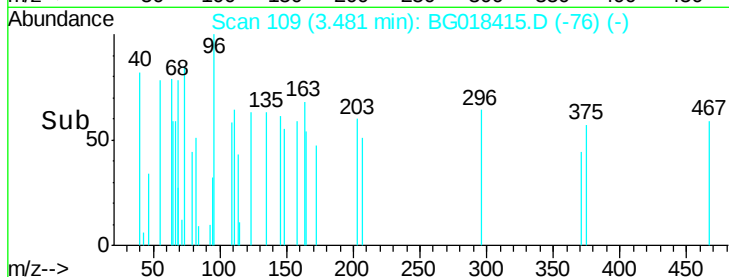
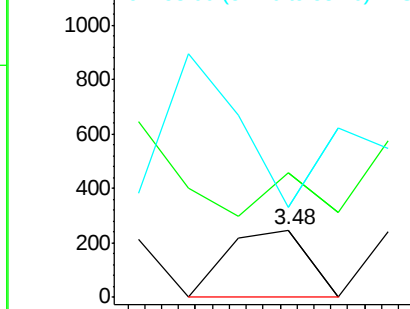
88 100

43 183.9 33.0 49.4#

58 132.7 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: 0.07 ng/uL

RT: 7.18 min Scan# 738

Delta R.T. 0.02 min

Lab File: BG018415.D

Acq: 13 Aug 2015 2:11

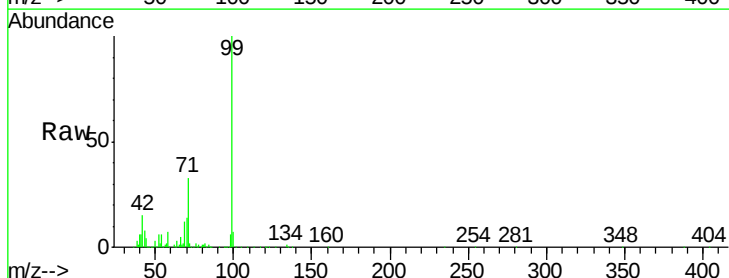
Tgt Ion: 77 Resp: 385

Ion Ratio Lower Upper

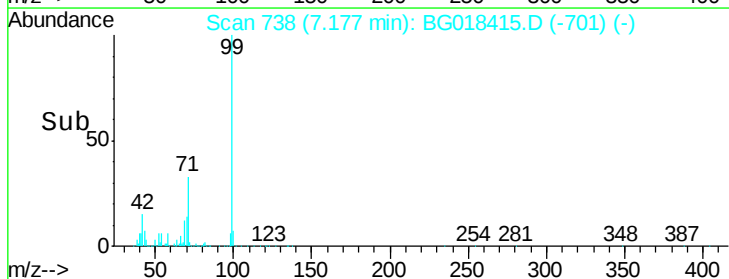
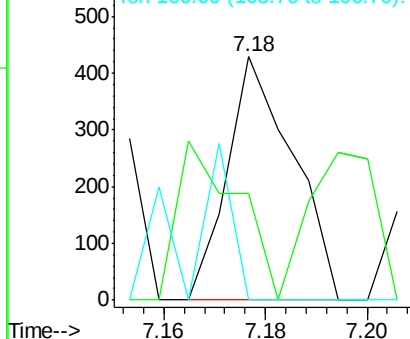
77 100

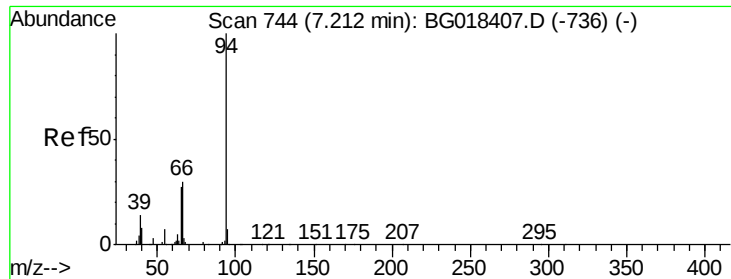
105 44.1 78.2 117.2#

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: 0.02 ng/ul

RT: 7.18 min Scan# 738

Delta R.T. -0.04 min

Lab File: BG018415.D

Acq: 13 Aug 2015 2:11

Instrument :

BNA_M

ClientSampleId :

MDL-07-S-ML

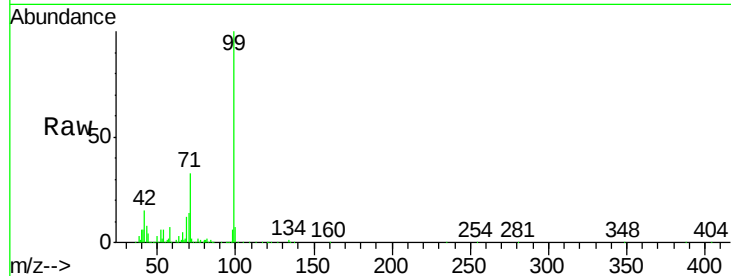
Tgt Ion: 94 Resp: 214

Ion Ratio Lower Upper

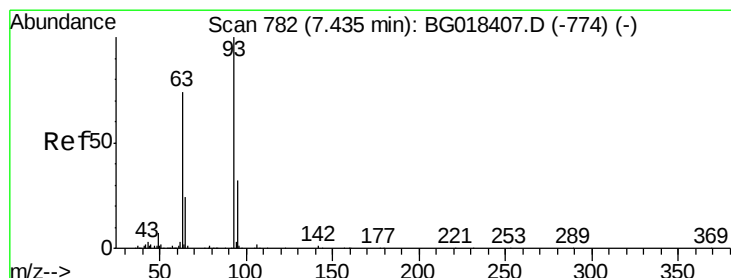
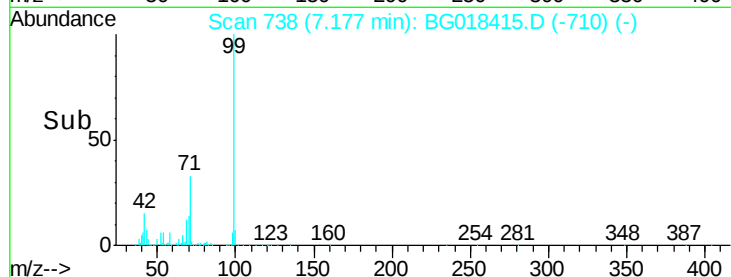
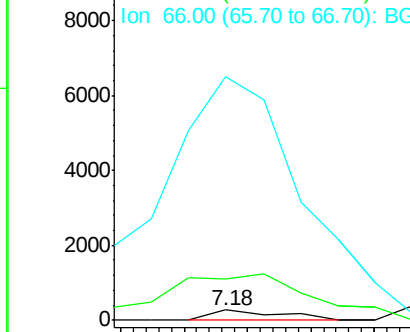
94 100

65 391.0 23.0 34.6#

66 2329.4 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: 0.13 ng/ul

RT: 7.44 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG018415.D

Acq: 13 Aug 2015 2:11

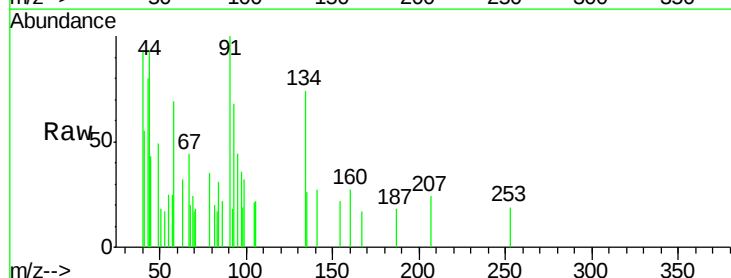
Tgt Ion: 93 Resp: 912

Ion Ratio Lower Upper

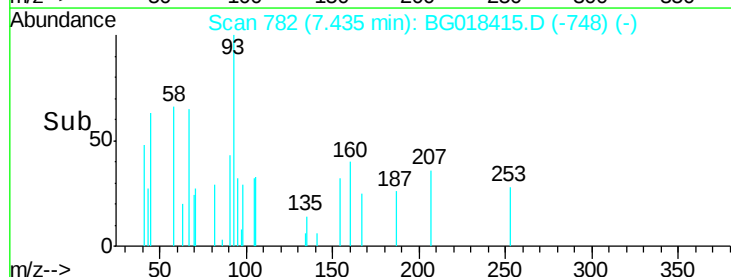
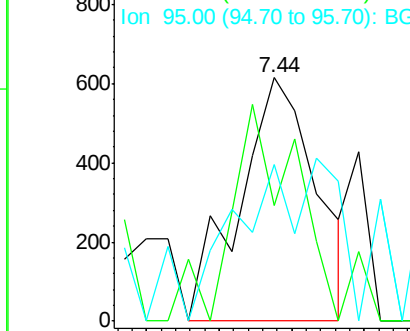
93 100

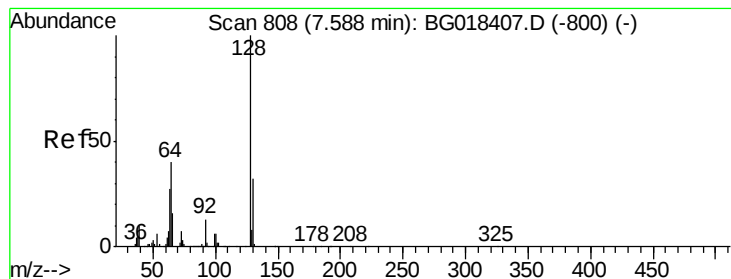
63 47.5 61.4 92.2#

95 64.6 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





#10

2-Chlorophenol

Concen: 0.03 ng/ul

RT: 7.56 min Scan# 803

Delta R.T. -0.03 min

Lab File: BG018415.D

Acq: 13 Aug 2015 2:11

Instrument :

BNA_M

ClientSampleId :

MDL-07-S-ML

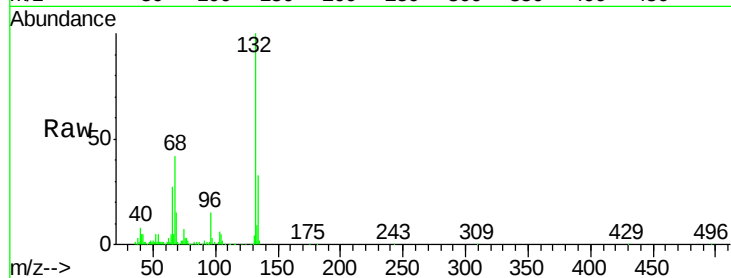
Tgt Ion:128 Resp: 186

Ion Ratio Lower Upper

128 100

64 1188.0 40.9 61.3#

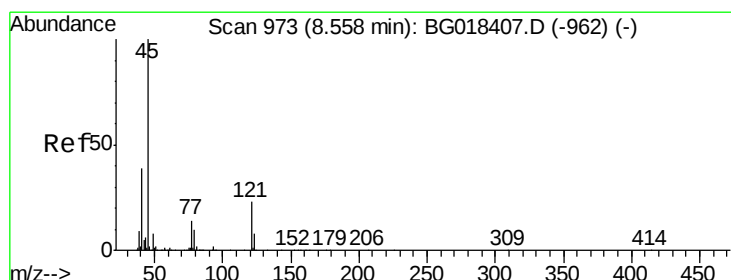
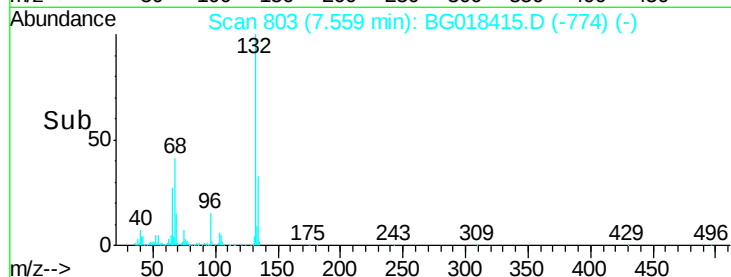
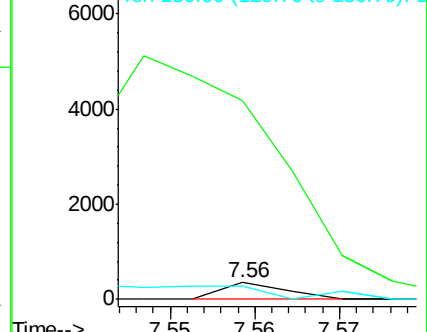
130 78.3 24.5 36.7#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 130.00 (129.70 to 130.70): E



#12

2,2'-oxybis(1-Chloropropane)

Concen: 0.00 ng/ul

RT: 8.56 min Scan# 973

Delta R.T. -0.00 min

Lab File: BG018415.D

Acq: 13 Aug 2015 2:11

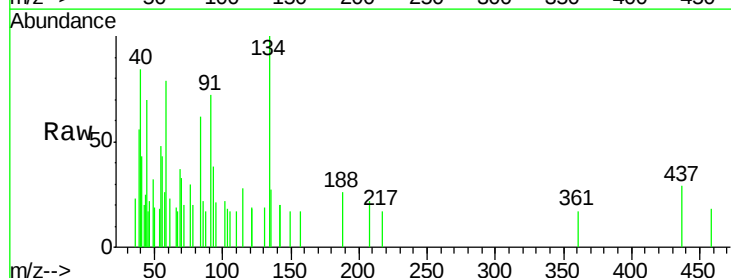
Tgt Ion: 45 Resp: 54

Ion Ratio Lower Upper

45 100

77 175.8 11.3 16.9#

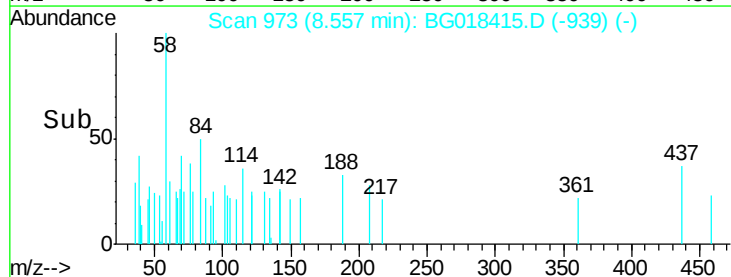
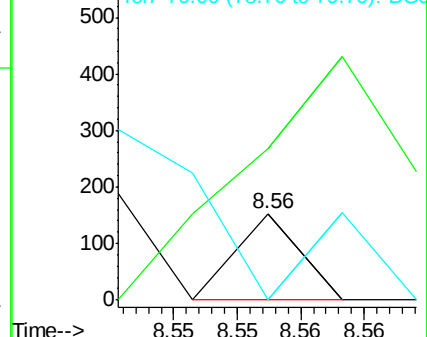
79 0.0 7.8 11.8#

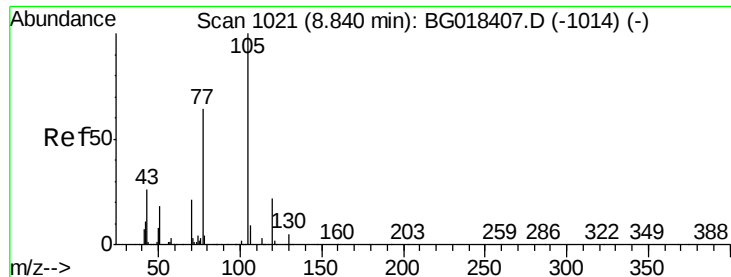


Abundance Ion 45.00 (44.70 to 45.70): BG

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG





#14

Acetophenone

Concen: 0.01 ng/ul

RT: 8.84 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BG018415.D

Acq: 13 Aug 2015 2:11

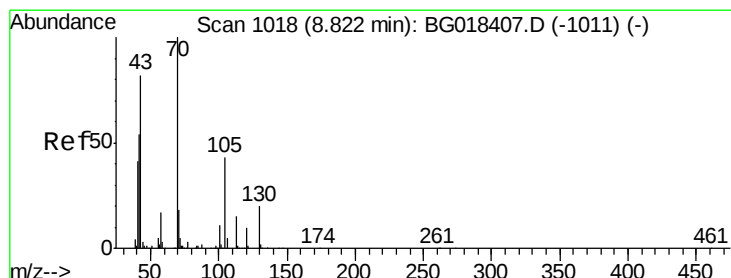
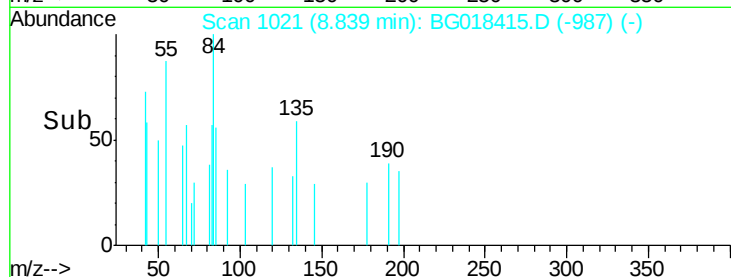
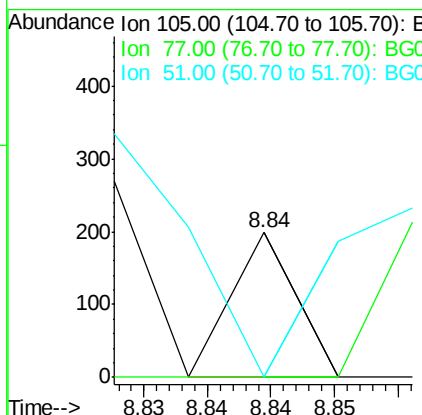
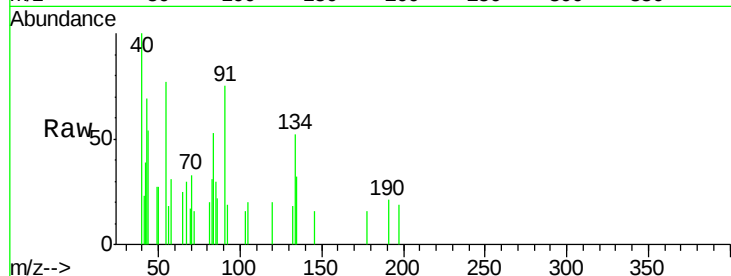
Instrument :

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Tgt Ion:	105	Resp:	70
Ion	Ratio	Lower	Upper
105	100		
77	0.0	61.9	92.9#
51	0.0	25.5	38.3#



#15

N-Nitroso-di-n-propylamine

Concen: 0.01 ng/ul

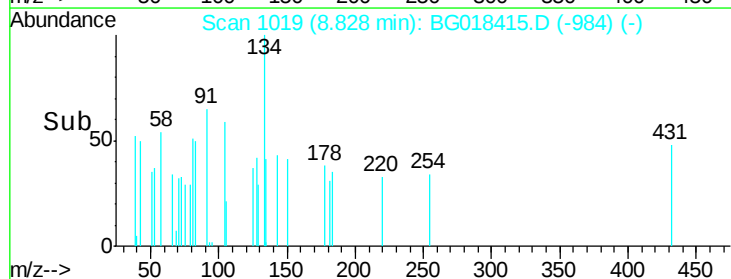
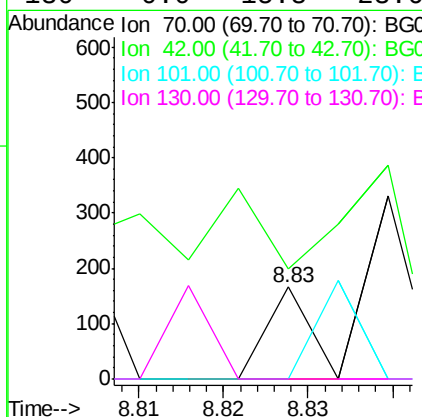
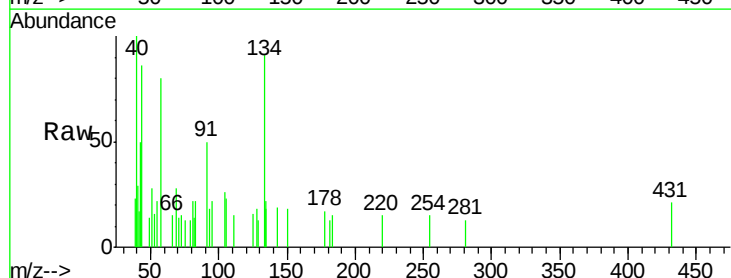
RT: 8.83 min Scan# 1019

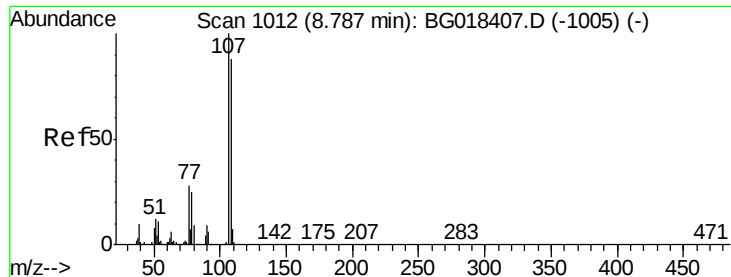
Delta R.T. 0.01 min

Lab File: BG018415.D

Acq: 13 Aug 2015 2:11

Tgt Ion:	70	Resp:	59
Ion	Ratio	Lower	Upper
70	100		
42	120.5	50.7	76.1#
101	0.0	7.4	11.2#
130	0.0	15.8	23.6#

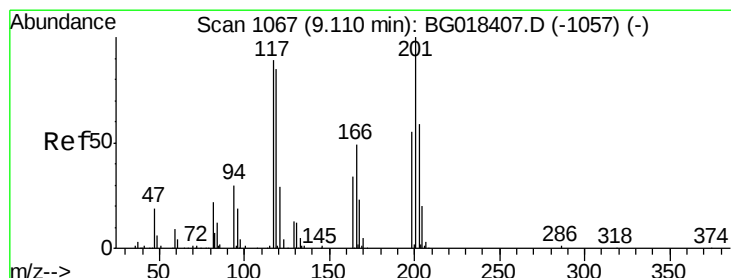
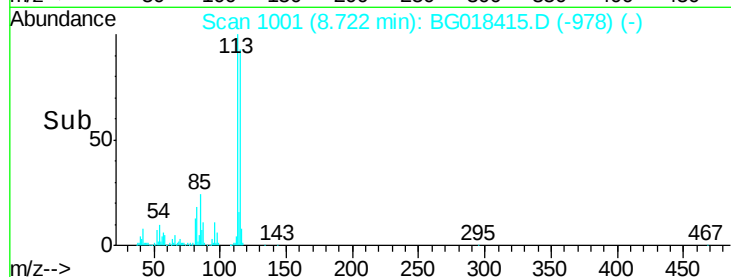
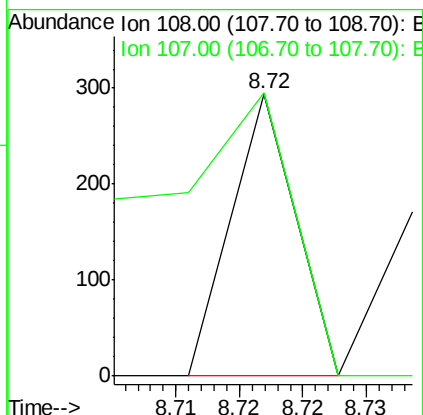
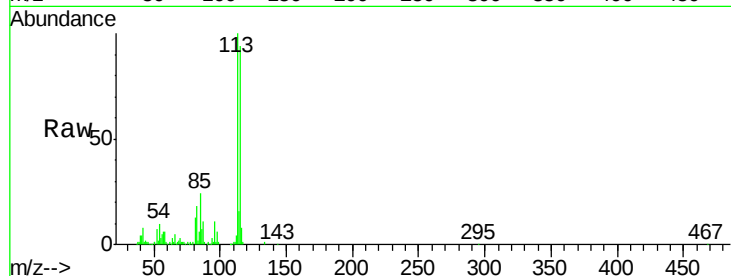




#16
4-Methylphenol
Concen: 0.01 ng/ul
RT: 8.72 min Scan# 1001
Delta R.T. -0.06 min
Lab File: BG018415.D
Acq: 13 Aug 2015 2:11

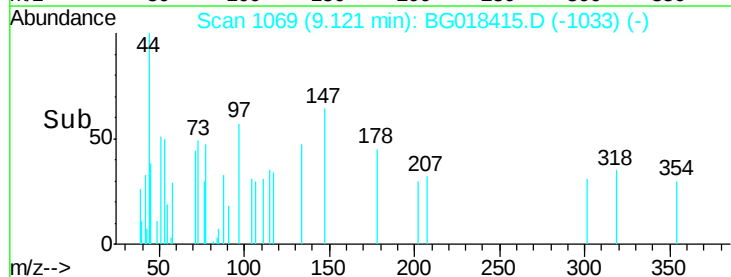
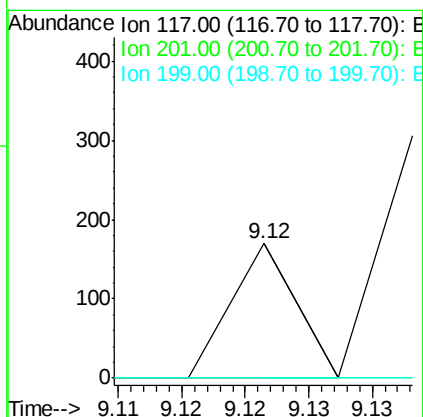
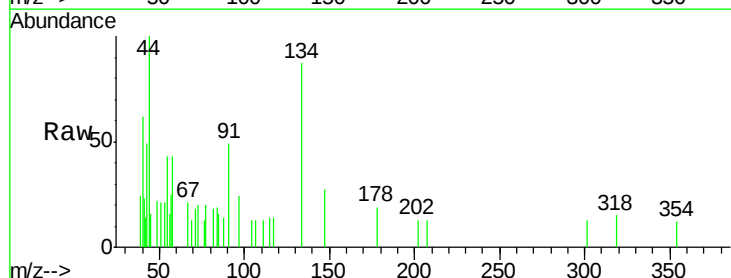
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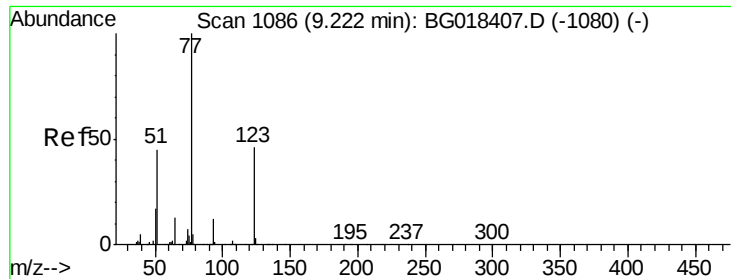
Tgt Ion:108 Resp: 104
Ion Ratio Lower Upper
108 100
107 100.3 94.6 142.0



#17
Hexachloroethane
Concen: 0.02 ng/ul
RT: 9.12 min Scan# 1069
Delta R.T. 0.01 min
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Tgt Ion:117 Resp: 60
Ion Ratio Lower Upper
117 100
201 0.0 73.6 110.4#
199 0.0 48.6 72.8#

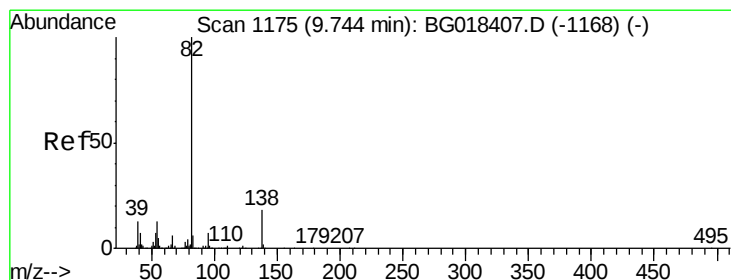
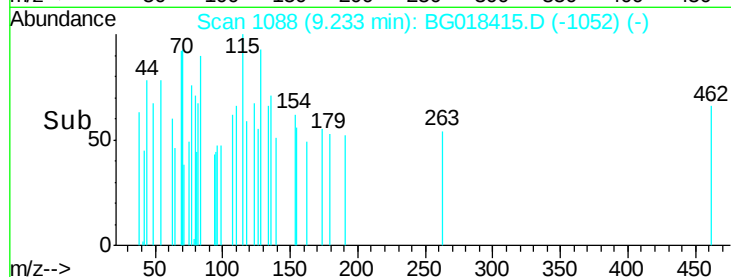
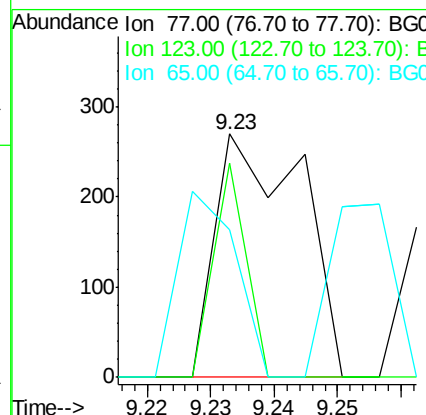
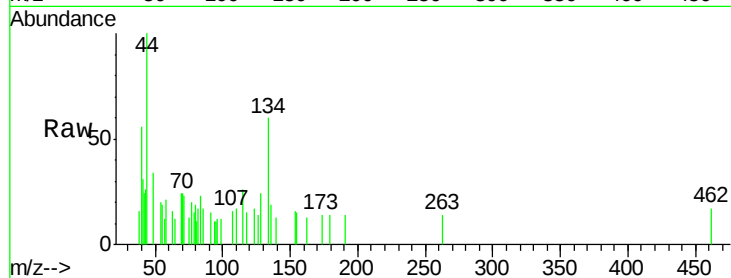




#20
 Nitrobenzene
 Concen: 0.03 ng/ul
 RT: 9.23 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: BG018415.D
 Acq: 13 Aug 2015 2:11

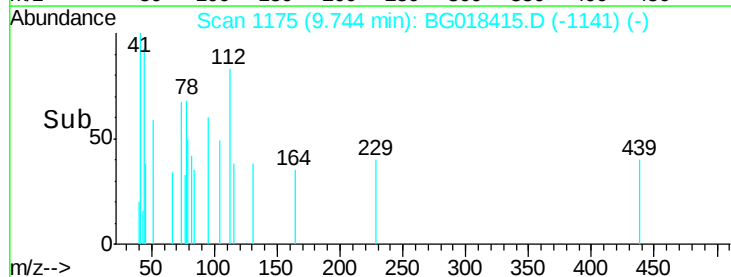
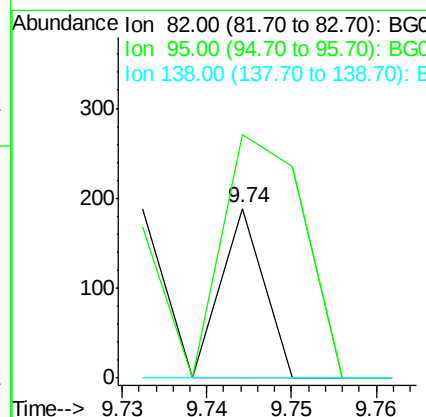
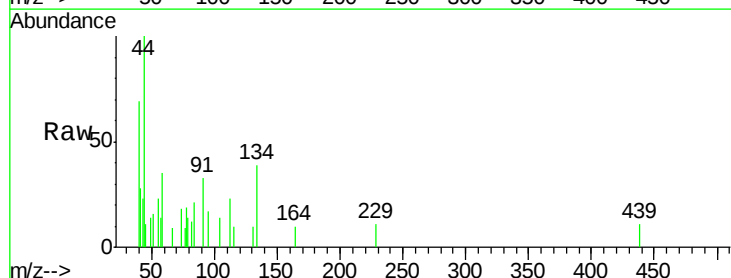
Instrument :
 BNA_M
 ClientSampled :
 MDL-07-S-ML

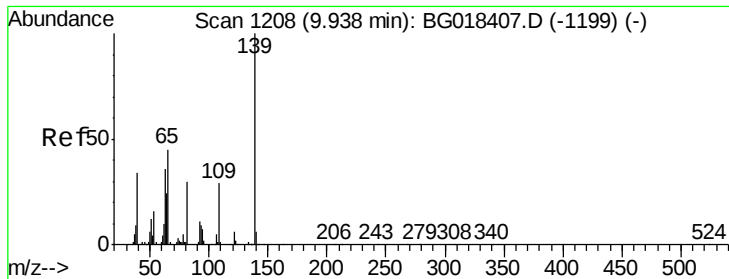
Tgt Ion: 77 Resp: 252
 Ion Ratio Lower Upper
 77 100
 123 88.1 32.8 49.2#
 65 60.7 12.2 18.2#



#21
 Isophorone
 Concen: 0.00 ng/ul
 RT: 9.74 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BG018415.D
 Acq: 13 Aug 2015 2:11

Tgt Ion: 82 Resp: 67
 Ion Ratio Lower Upper
 82 100
 95 143.4 5.2 7.8#
 138 0.0 13.8 20.8#

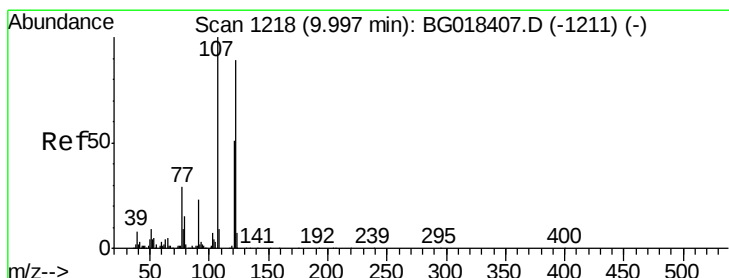
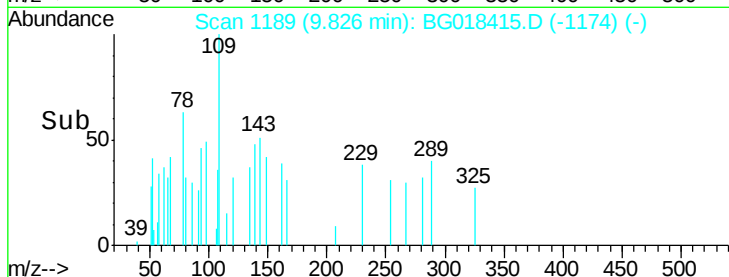
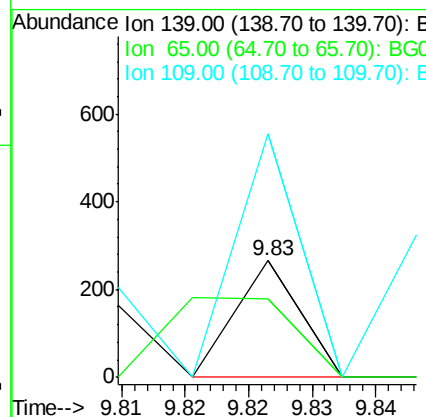
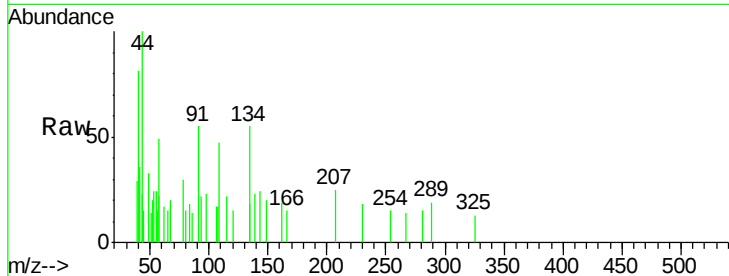




#23
2-Nitrophenol
Concen: 0.02 ng/ul
RT: 9.83 min Scan# 1189
Delta R.T. -0.11 min
Lab File: BG018415.D
Acq: 13 Aug 2015 2:11

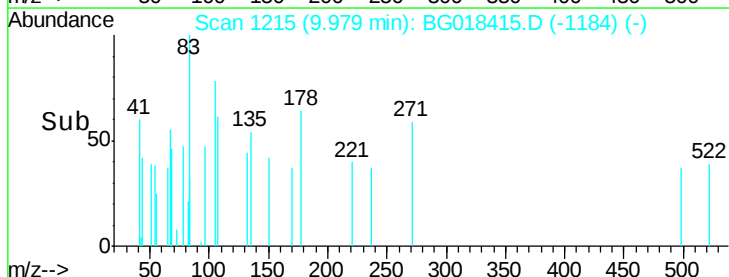
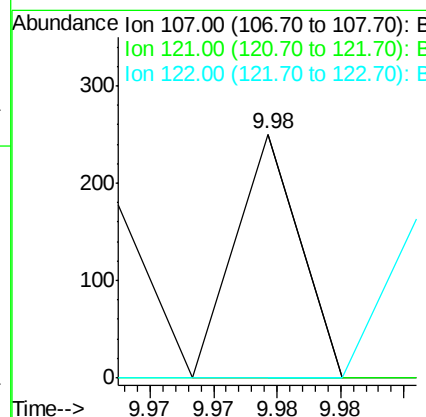
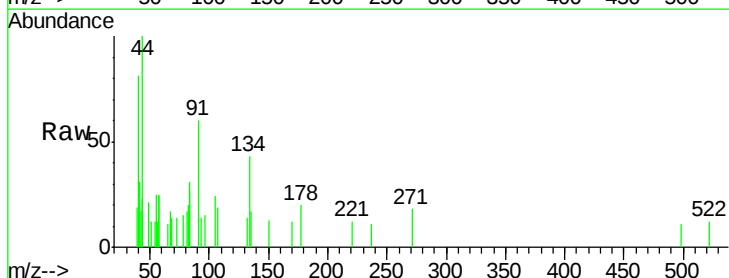
Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

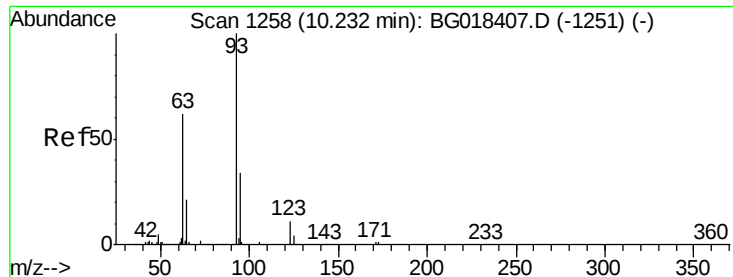
Tgt Ion:139 Resp: 94
Ion Ratio Lower Upper
139 100
65 67.3 45.6 68.4
109 208.6 25.4 38.2#



#24
2,4-Dimethylphenol
Concen: 0.01 ng/ul
RT: 9.98 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BG018415.D
Acq: 13 Aug 2015 2:11

Tgt Ion:107 Resp: 88
Ion Ratio Lower Upper
107 100
121 0.0 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: BG018415.D

Acq: 13 Aug 2015 2:11

Instrument :

BNA_M

ClientSampleId :

MDL-07-S-ML

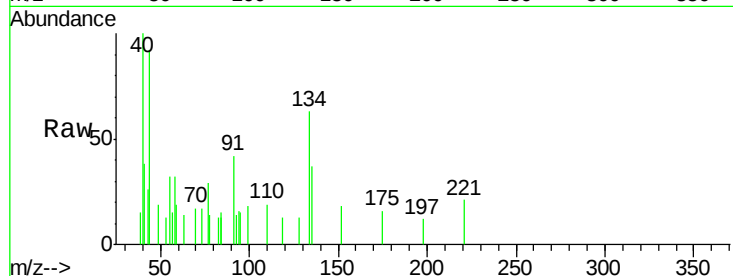
Tgt Ion: 93 Resp: 62

Ion Ratio Lower Upper

93 100

95 108.5 24.1 36.1#

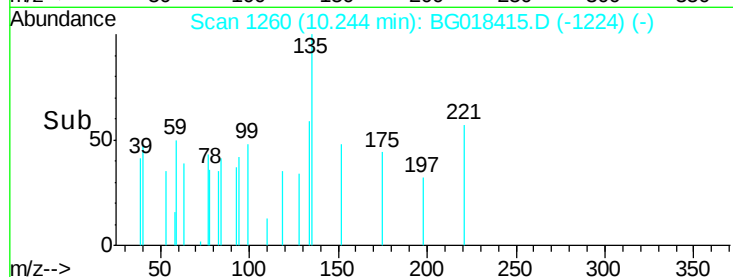
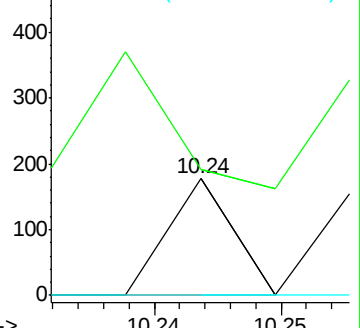
123 0.0 8.9 13.3#



Abundance Ion 93.00 (92.70 to 93.70): BG018407.D (-1251) (-)

Ion 95.00 (94.70 to 95.70): BG018407.D (-1251) (-)

Ion 123.00 (122.70 to 123.70): BG018407.D (-1251) (-)



#27

2,4-Dichlorophenol

Concen: 0.01 ng/ul

RT: 10.44 min Scan# 1294

Delta R.T. -0.03 min

Lab File: BG018415.D

Acq: 13 Aug 2015 2:11

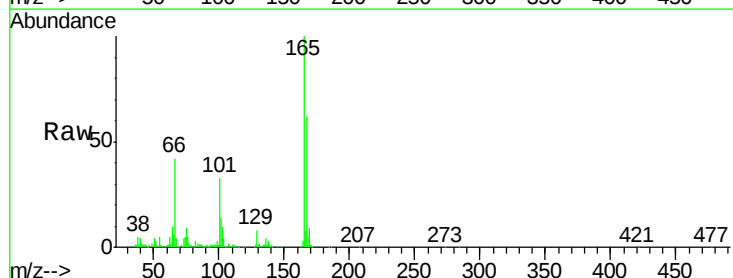
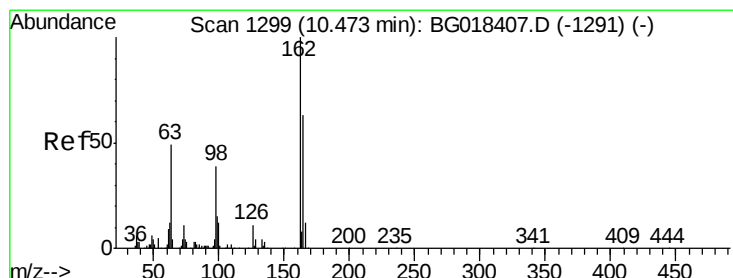
Tgt Ion:162 Resp: 78

Ion Ratio Lower Upper

162 100

164 1552.3 51.7 77.5#

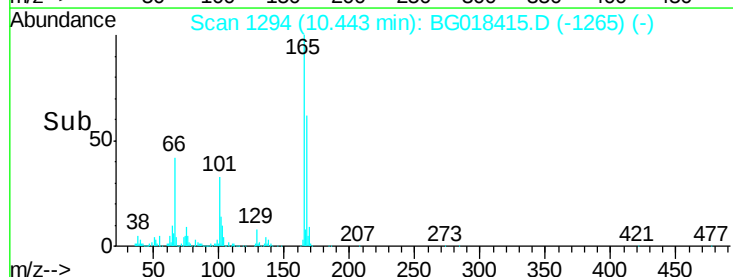
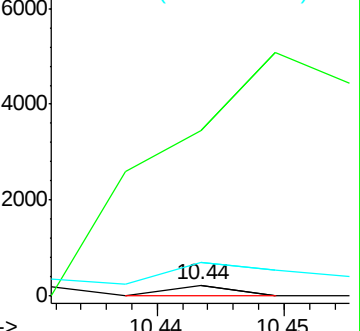
98 318.5 30.4 45.6#

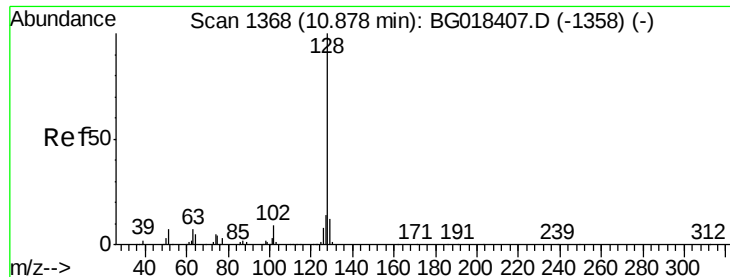


Abundance Ion 162.00 (161.70 to 162.70): BG018407.D (-1291) (-)

Ion 164.00 (163.70 to 164.70): BG018407.D (-1291) (-)

Ion 98.00 (97.70 to 98.70): BG018407.D (-1291) (-)

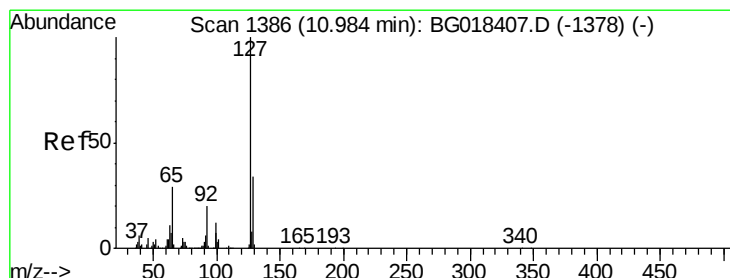
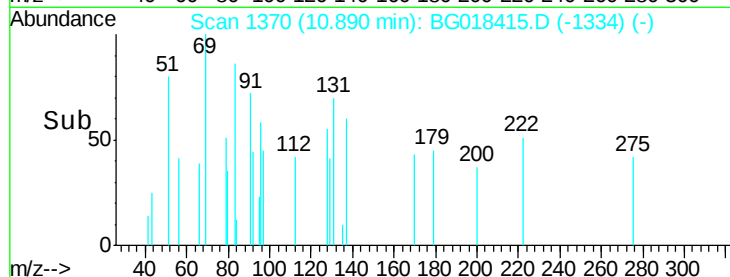
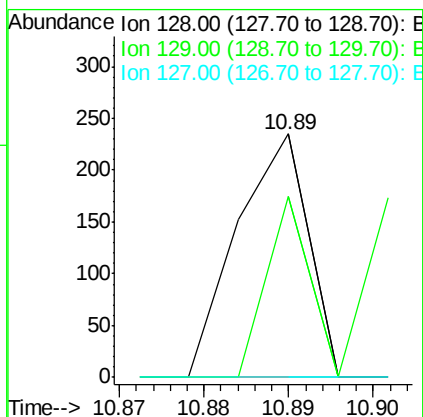
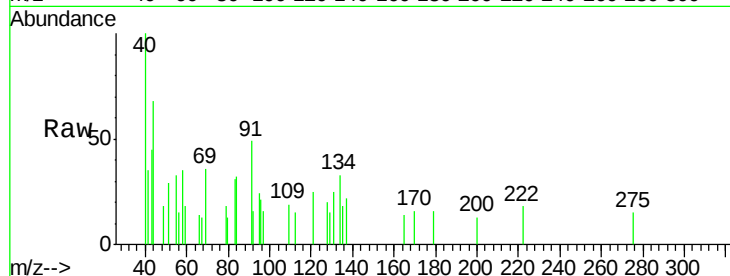




#28
Naphthalene
Concen: 0.01 ng/ul
RT: 10.89 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BG018415.D
Acq: 13 Aug 2015 2:11

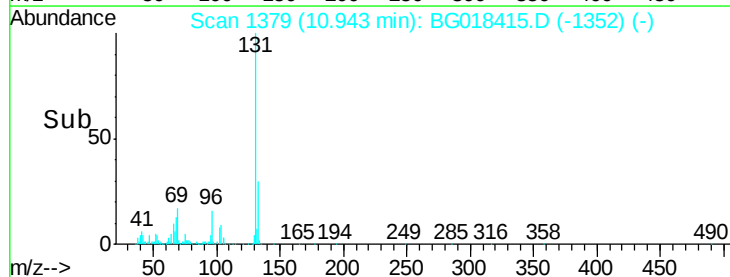
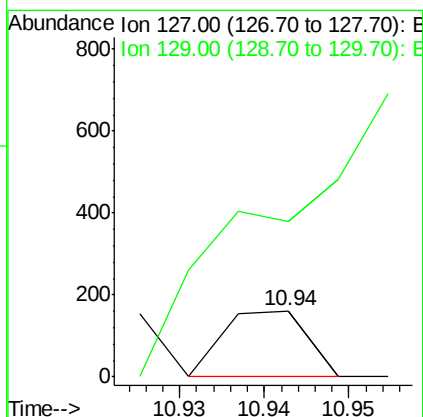
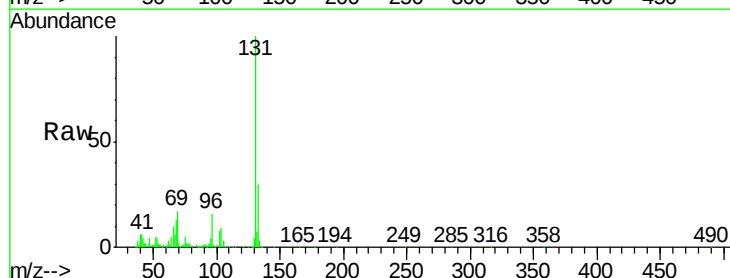
Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

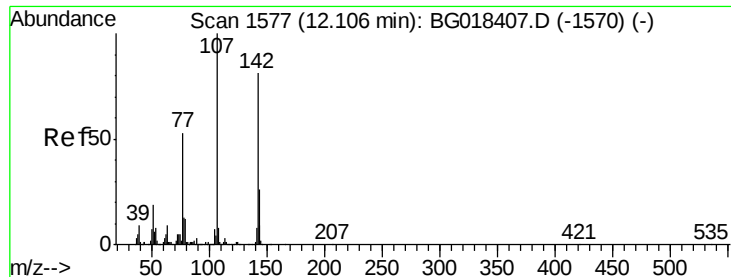
Tgt Ion:128 Resp: 137
Ion Ratio Lower Upper
128 100
129 74.5 9.6 14.4#
127 0.0 10.5 15.7#



#30
4-Chloroaniline
Concen: 0.01 ng/ul
RT: 10.94 min Scan# 1379
Delta R.T. -0.04 min
Lab File: BG018415.D
Acq: 13 Aug 2015 2:11

Tgt Ion:127 Resp: 111
Ion Ratio Lower Upper
127 100
129 234.8 26.7 40.1#

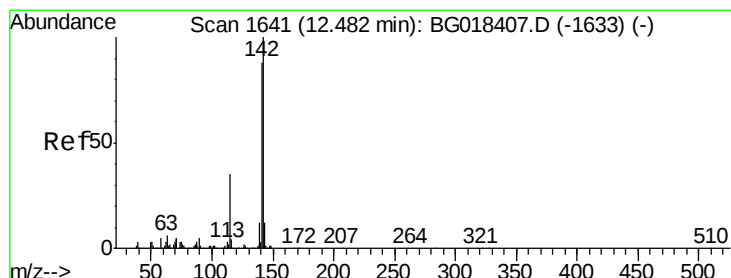
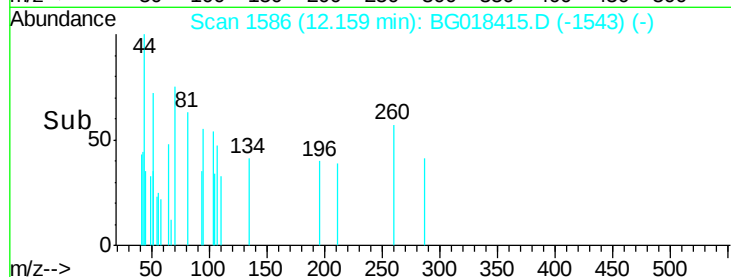
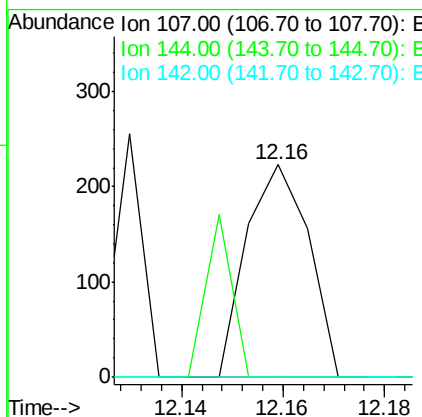
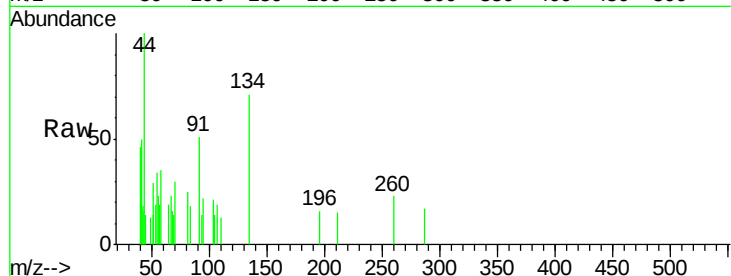




#33
 4-Chloro-3-methylphenol
 Concen: 0.02 ng/ul
 RT: 12.16 min Scan# 1586
 Delta R.T. 0.05 min
 Lab File: BG018415.D
 Acq: 13 Aug 2015 2:11

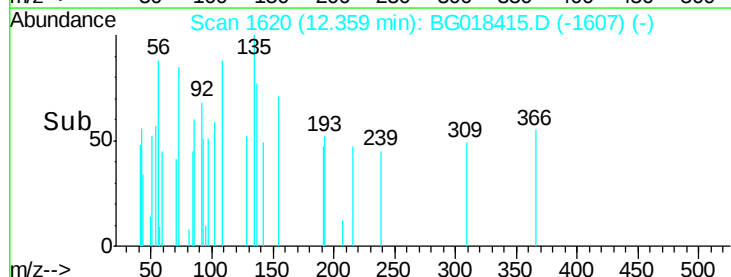
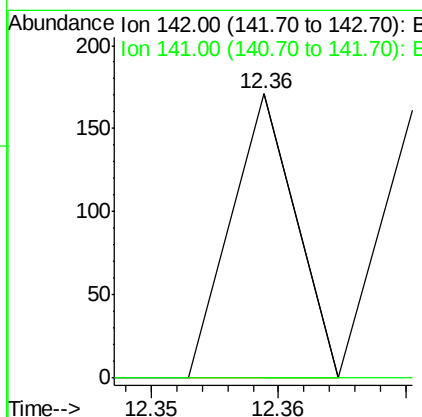
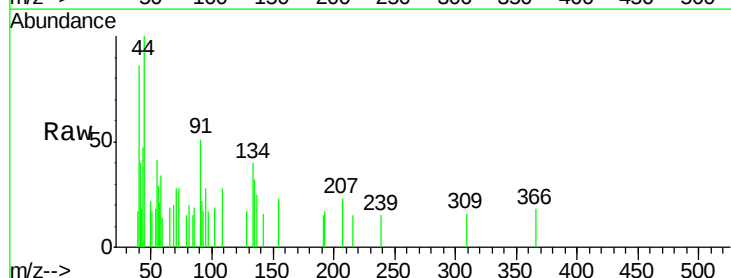
Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S-ML

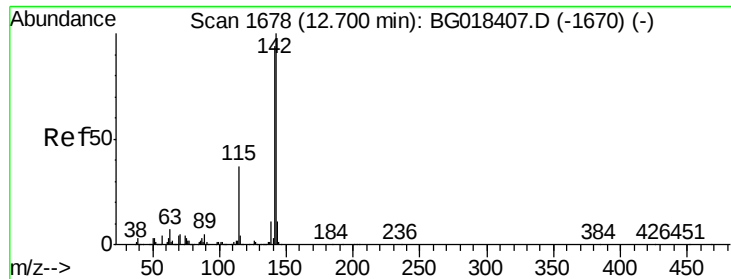
Tgt Ion	Ratio	Lower	Upper
107	100		
144	0.0	21.4	32.2#
142	0.0	66.0	99.0#



#34
 2-Methylnaphthalene
 Concen: 0.00 ng/ul
 RT: 12.36 min Scan# 1620
 Delta R.T. -0.12 min
 Lab File: BG018415.D
 Acq: 13 Aug 2015 2:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	0.0	78.0	117.0#

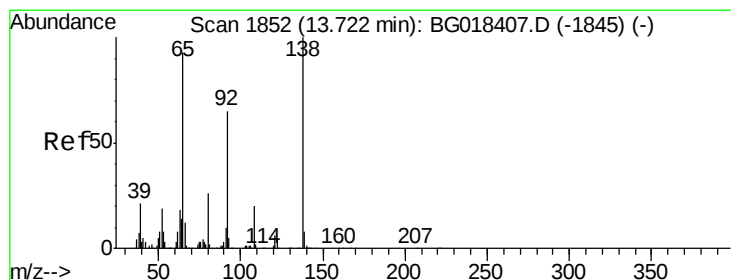
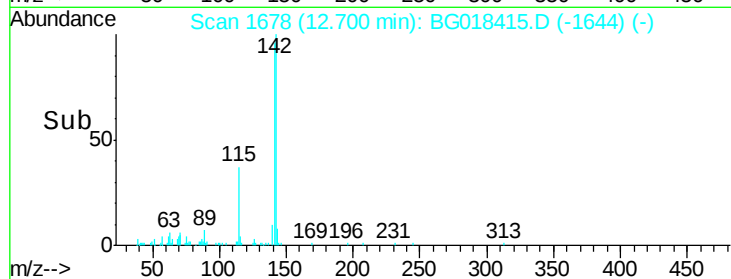
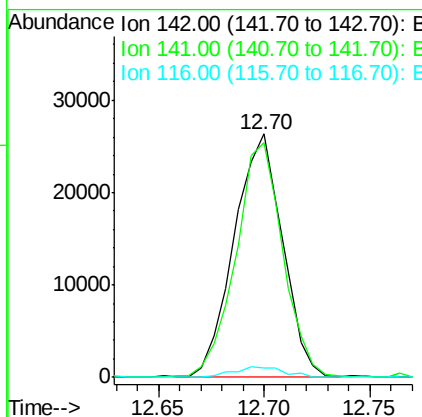
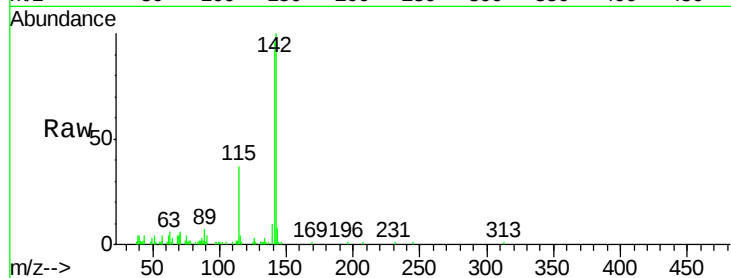




#35
 1-Methylnaphthalene
 Concen: 2.53 ng/ul
 RT: 12.70 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BG018415.D
 Acq: 13 Aug 2015 2:11

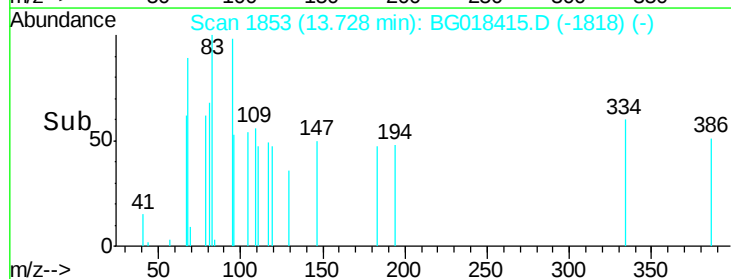
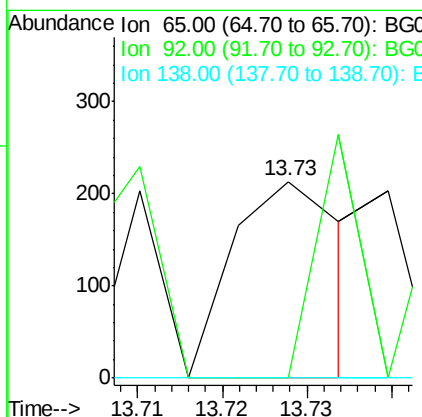
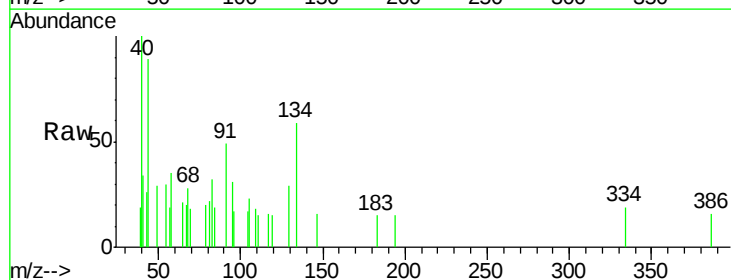
Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S-ML

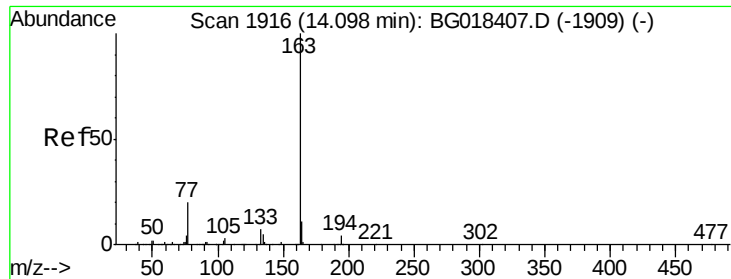
Tgt Ion: 142 Resp: 41790
 Ion Ratio Lower Upper
 142 100
 141 96.3 77.1 115.7
 116 3.9 3.5 5.3



#43
 2-Nitroaniline
 Concen: 0.03 ng/ul
 RT: 13.73 min Scan# 1853
 Delta R.T. 0.01 min
 Lab File: BG018415.D
 Acq: 13 Aug 2015 2:11

Tgt Ion: 65 Resp: 194
 Ion Ratio Lower Upper
 65 100
 92 0.0 51.1 76.7#
 138 0.0 75.1 112.7#





#45

Dimethylphthalate

Concen: 0.03 ng/ul

RT: 14.06 min Scan# 1909

Delta R.T. -0.04 min

Lab File: BG018415.D

Acq: 13 Aug 2015 2:11

Instrument :

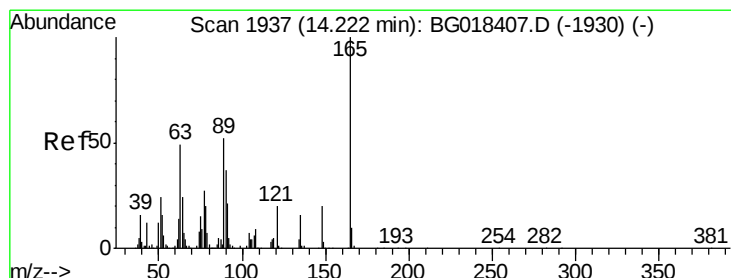
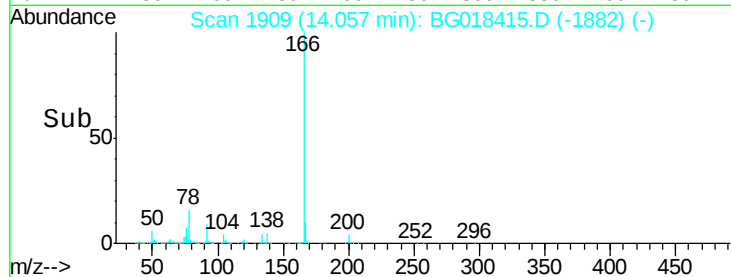
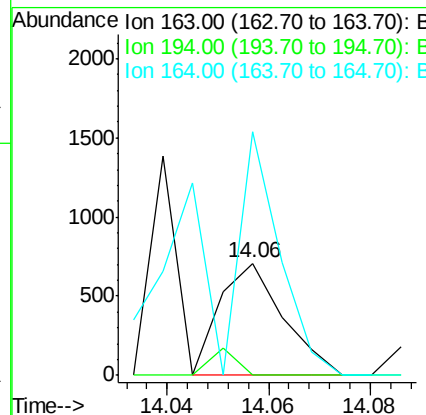
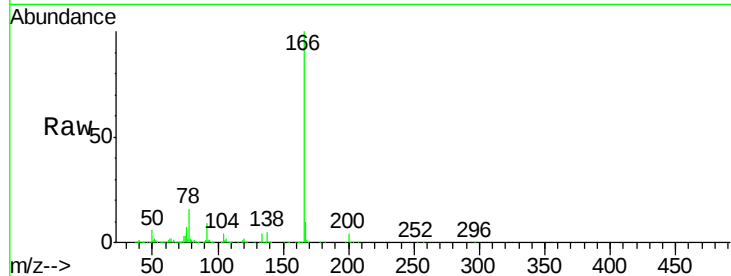
BNA_M

ClientSampleId :

MDL-07-S-ML

Tgt Ion:163 Resp: 623

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.9	4.3#
164	217.5	7.7	11.5#



#46

2,6-Dinitrotoluene

Concen: 0.04 ng/ul

RT: 14.07 min Scan# 1912

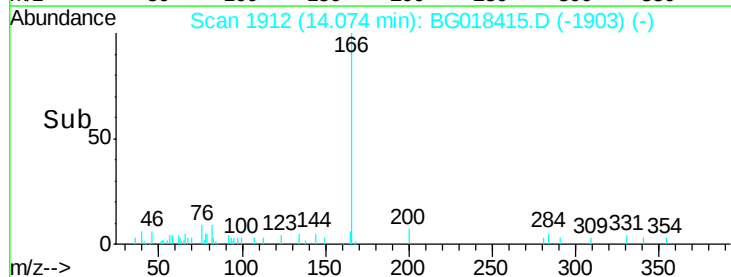
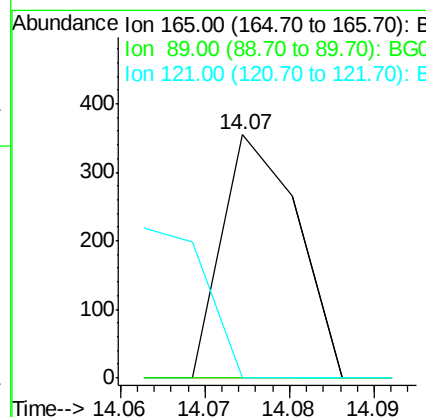
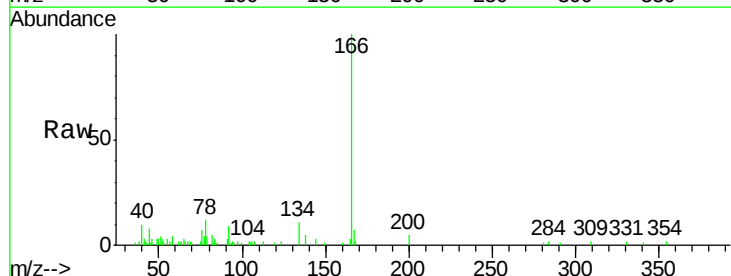
Delta R.T. -0.15 min

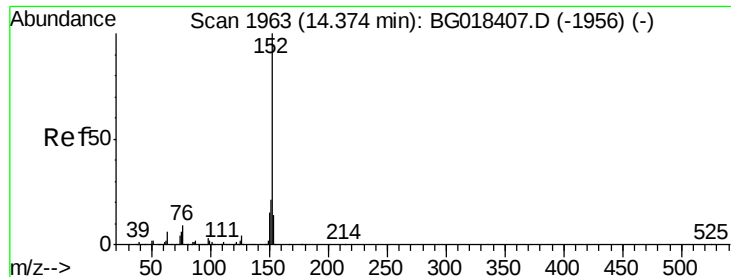
Lab File: BG018415.D

Acq: 13 Aug 2015 2:11

Tgt Ion:165 Resp: 219

Ion	Ratio	Lower	Upper
165	100		
89	0.0	50.2	75.2#
121	0.0	19.4	29.2#





#48

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.34 min Scan# 1958

Delta R.T. -0.03 min

Lab File: BG018415.D

Acq: 13 Aug 2015 2:11

Instrument :

BNA_M

ClientSampleId :

MDL-07-S-ML

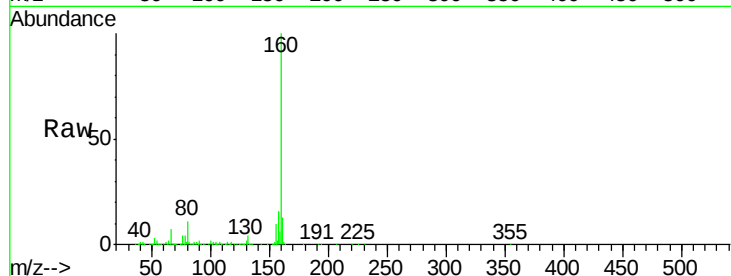
Tgt Ion:152 Resp: 225

Ion Ratio Lower Upper

152 100

151 0.0 15.4 23.2#

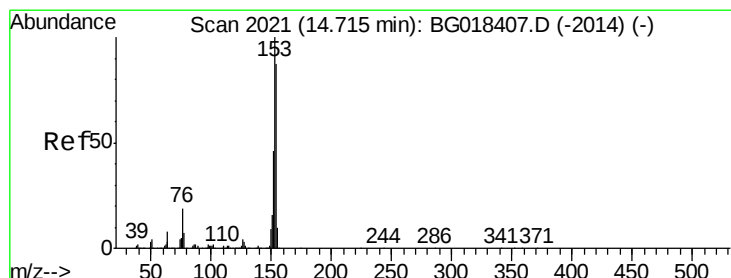
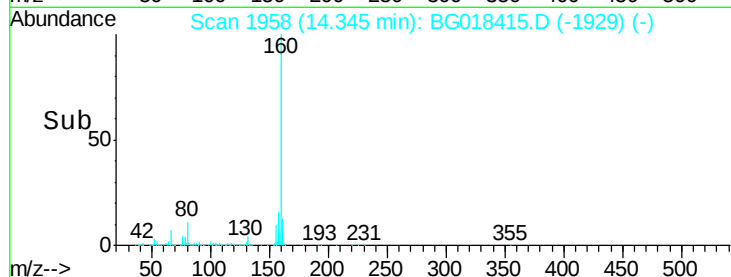
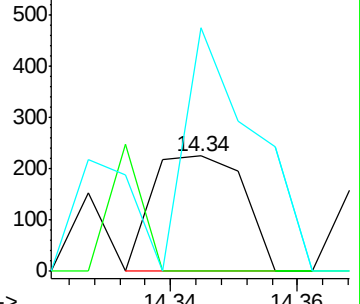
153 210.7 10.8 16.2#



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: 0.01 ng/ul

RT: 14.65 min Scan# 2010

Delta R.T. -0.06 min

Lab File: BG018415.D

Acq: 13 Aug 2015 2:11

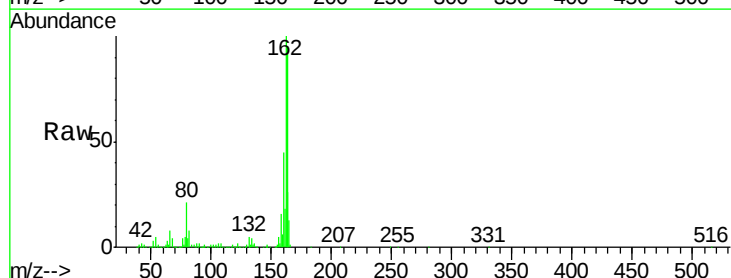
Tgt Ion:153 Resp: 127

Ion Ratio Lower Upper

153 100

152 0.0 38.2 57.4#

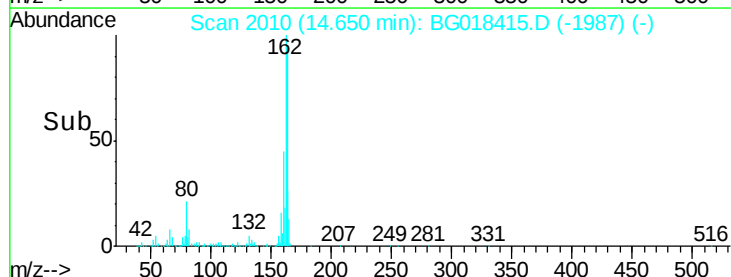
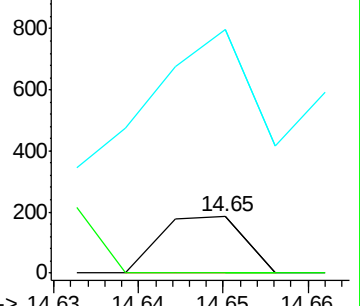
154 433.2 68.6 103.0#

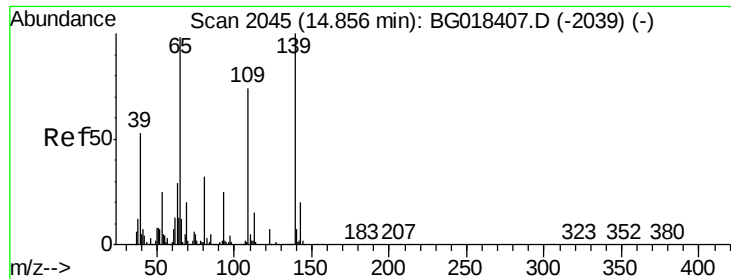


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 0.02 ng/ul

RT: 14.86 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BG018415.D

Acq: 13 Aug 2015 2:11

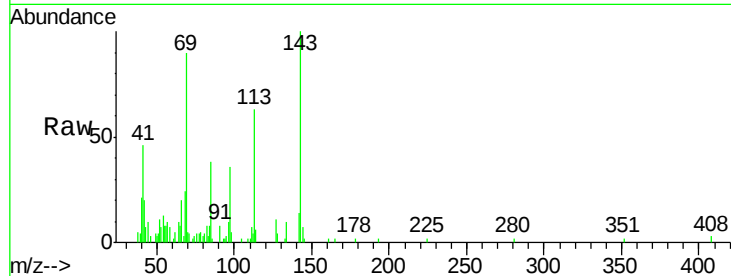
Instrument :

BNA_M

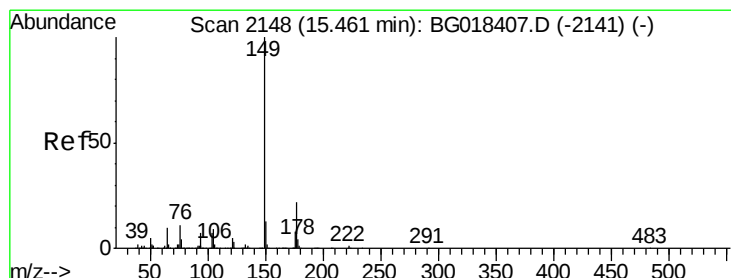
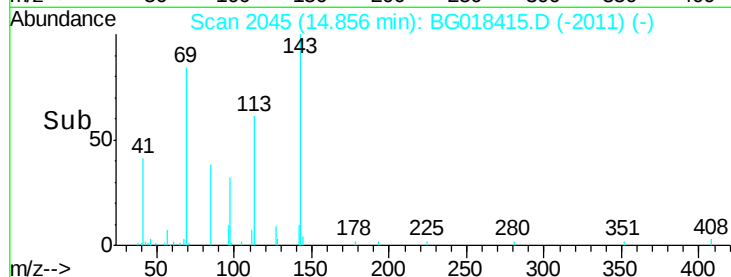
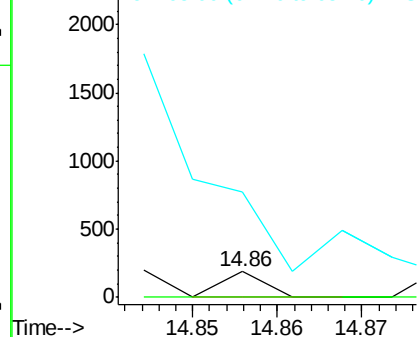
ClientSampleId :

MDL-07-S-ML

Tgt Ion:	109	Resp:	67
Ion Ratio	Lower	Upper	
109	100		
139	0.0	111.3	166.9#
65	406.8	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: 0.01 ng/ul

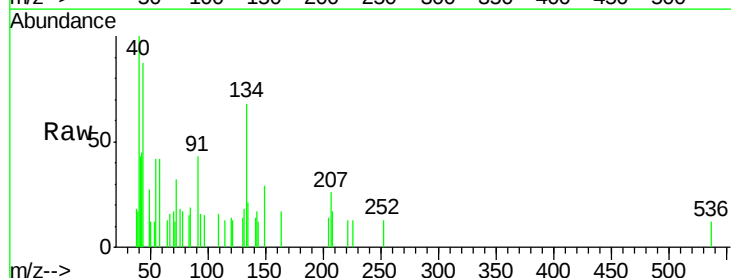
RT: 15.46 min Scan# 2147

Delta R.T. -0.01 min

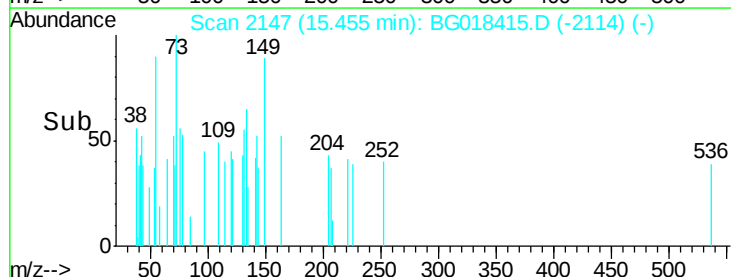
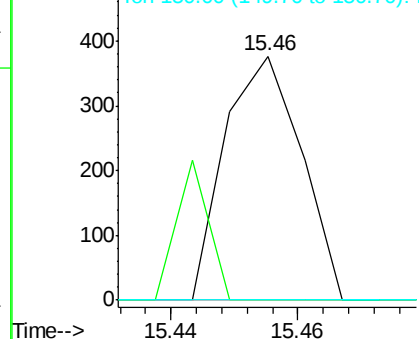
Lab File: BG018415.D

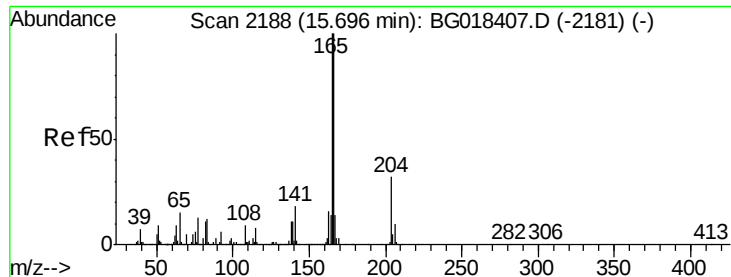
Acq: 13 Aug 2015 2:11

Tgt Ion:	149	Resp:	312
Ion Ratio	Lower	Upper	
149	100		
177	0.0	18.2	27.4#
150	0.0	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: 0.01 ng/ul

RT: 15.71 min Scan# 2190

Delta R.T. 0.01 min

Lab File: BG018415.D

Acq: 13 Aug 2015 2:11

Instrument :

BNA_M

ClientSampleId :

MDL-07-S-ML

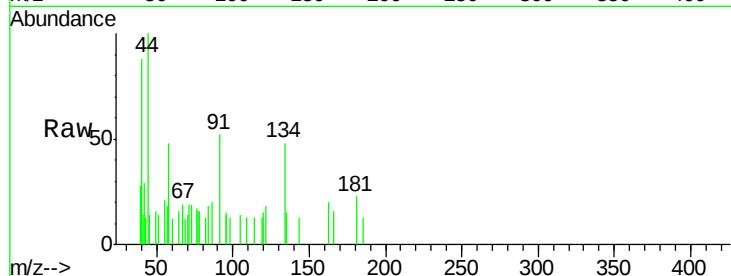
Tgt Ion:166 Resp: 127

Ion Ratio Lower Upper

166 100

165 0.0 82.6 124.0#

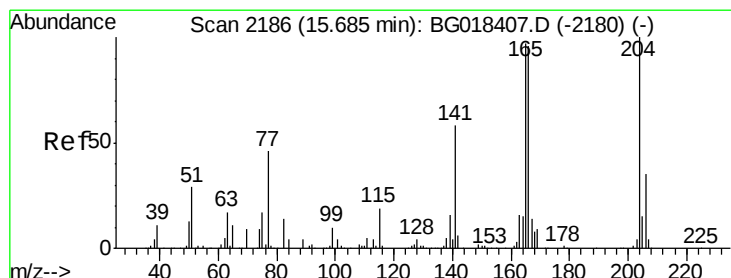
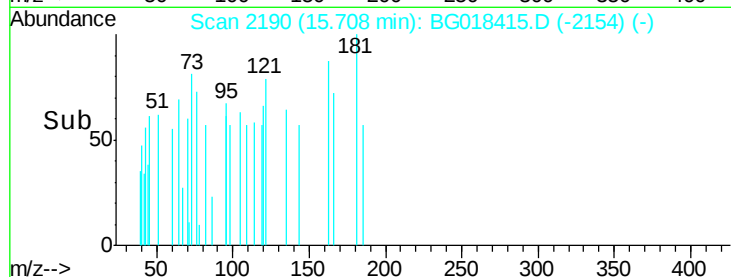
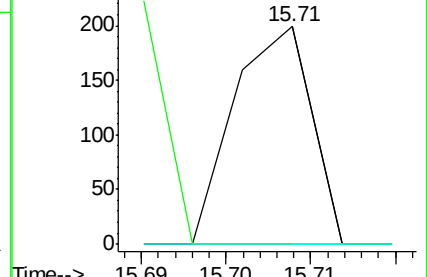
167 0.0 11.4 17.0#



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



#60

4-Chlorophenyl-phenylether

Concen: 0.00 ng/ul

RT: 15.56 min Scan# 2164

Delta R.T. -0.13 min

Lab File: BG018415.D

Acq: 13 Aug 2015 2:11

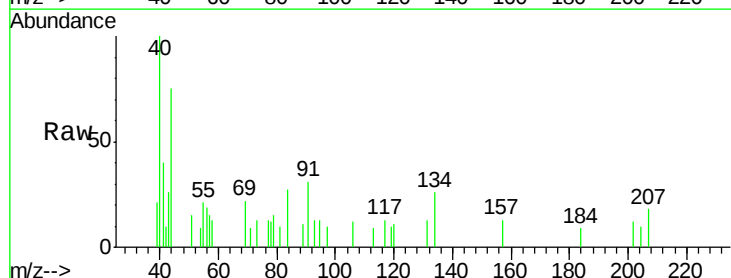
Tgt Ion:204 Resp: 58

Ion Ratio Lower Upper

204 100

206 0.0 27.1 40.7#

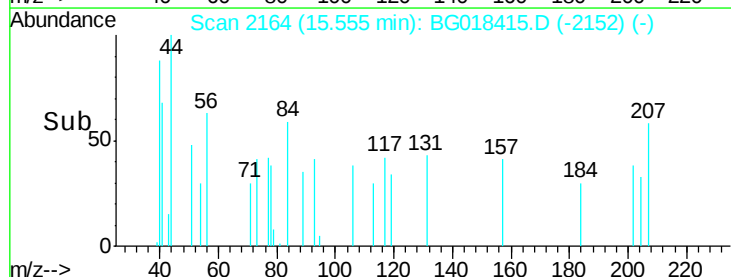
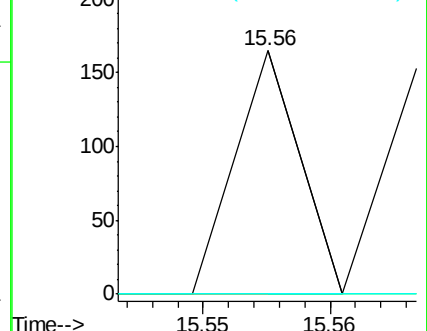
141 0.0 47.1 70.7#

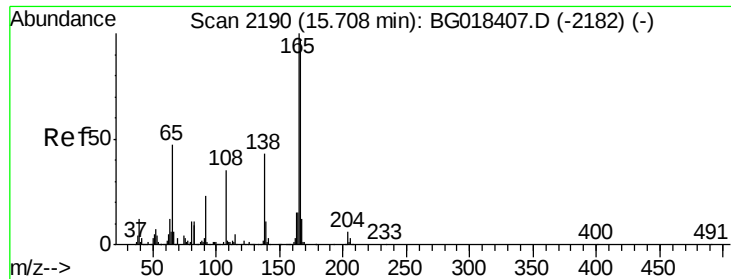


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

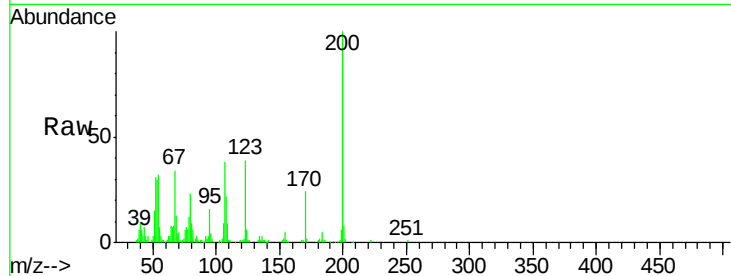




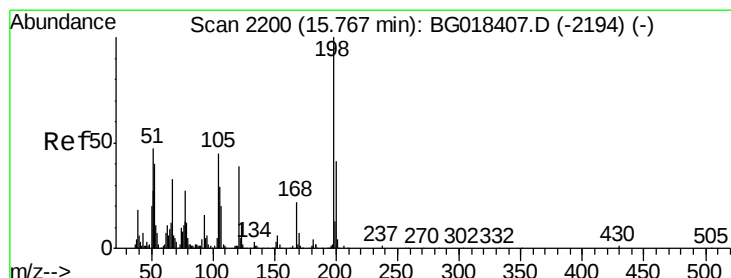
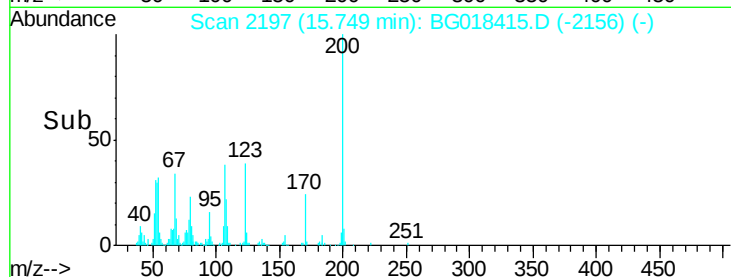
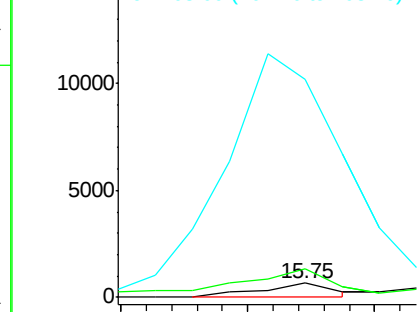
#61
 4-Nitroaniline
 Concen: 0.09 ng/ul
 RT: 15.75 min Scan# 2197
 Delta R.T. 0.04 min
 Lab File: BG018415.D
 Acq: 13 Aug 2015 2:11

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S-ML

Tgt Ion:138 Resp: 513
 Ion Ratio Lower Upper
 138 100
 92 201.3 44.0 66.0#
 108 1520.1 64.6 97.0#

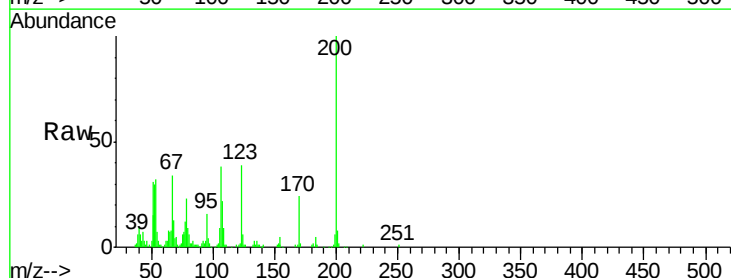


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E

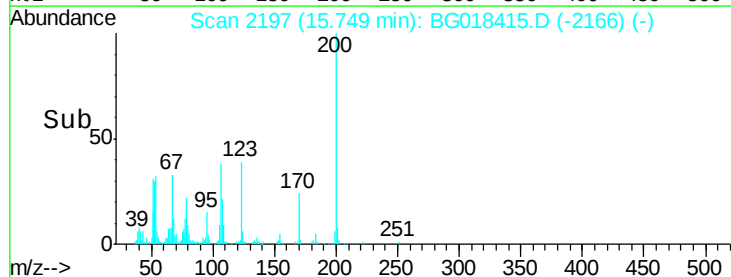
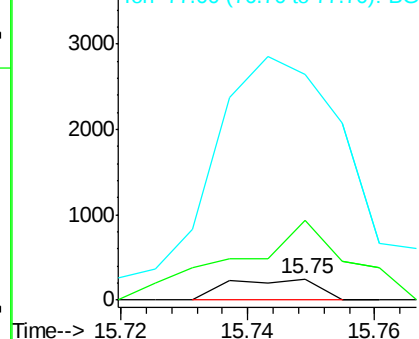


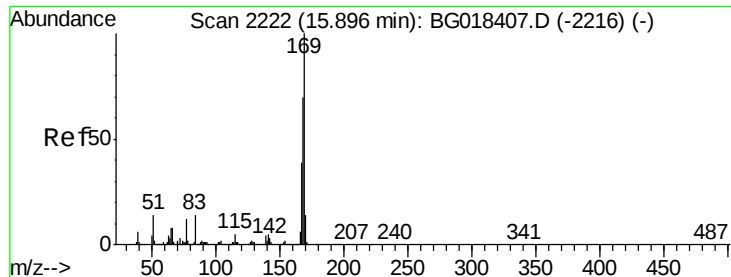
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.06 ng/ul
 RT: 15.75 min Scan# 2197
 Delta R.T. -0.02 min
 Lab File: BG018415.D
 Acq: 13 Aug 2015 2:11

Tgt Ion:198 Resp: 234
 Ion Ratio Lower Upper
 198 100
 182 376.8 3.4 5.0#
 77 1075.6 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): BG





#65

N-Nitrosodiphenylamine

Concen: 0.00 ng/ul

RT: 15.78 min Scan# 2202

Delta R.T. -0.12 min

Lab File: BG018415.D

Acq: 13 Aug 2015 2:11

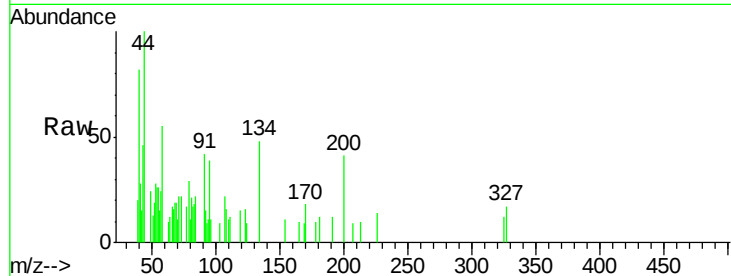
Instrument :

BNA_M

ClientSampleId :

MDL-07-S-ML

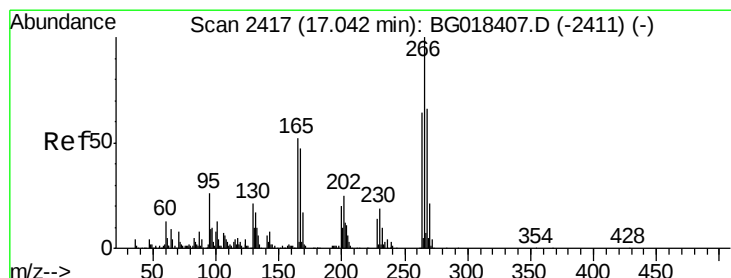
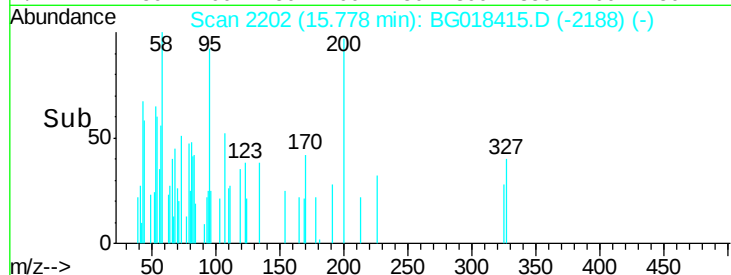
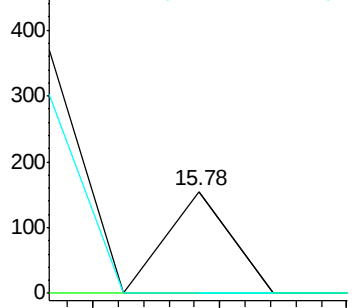
Tgt Ion:	169	Resp:	55
Ion	Ratio	Lower	Upper
169	100		
168	0.0	60.2	90.2#
167	0.0	33.4	50.2#



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



#69

Pentachlorophenol

Concen: 0.03 ng/ul

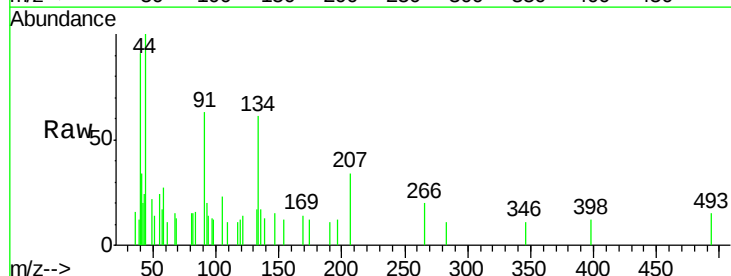
RT: 16.98 min Scan# 2407

Delta R.T. -0.06 min

Lab File: BG018415.D

Acq: 13 Aug 2015 2:11

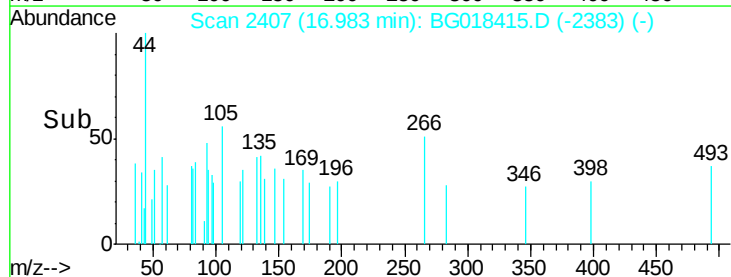
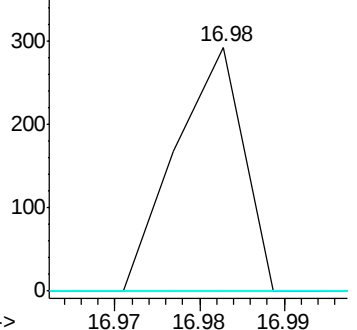
Tgt Ion:	266	Resp:	162
Ion	Ratio	Lower	Upper
266	100		
264	0.0	55.4	83.0#
268	0.0	53.6	80.4#

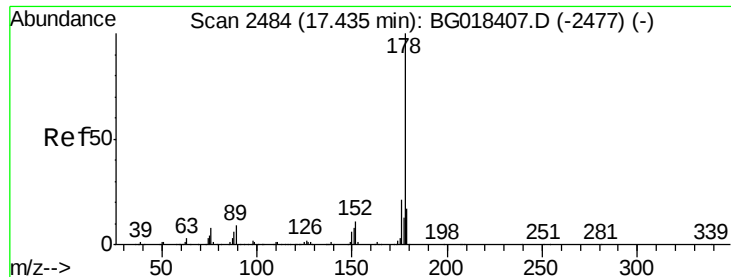


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#70

Phenanthrene

Concen: 0.01 ng/ul

RT: 17.43 min Scan# 2483

Delta R.T. -0.01 min

Lab File: BG018415.D

Acq: 13 Aug 2015 2:11

Instrument :

BNA_M

ClientSampleId :

MDL-07-S-ML

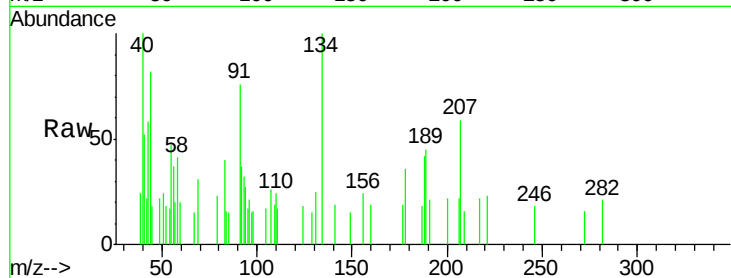
Tgt Ion:178 Resp: 368

Ion Ratio Lower Upper

178 100

179 0.0 13.7 20.5#

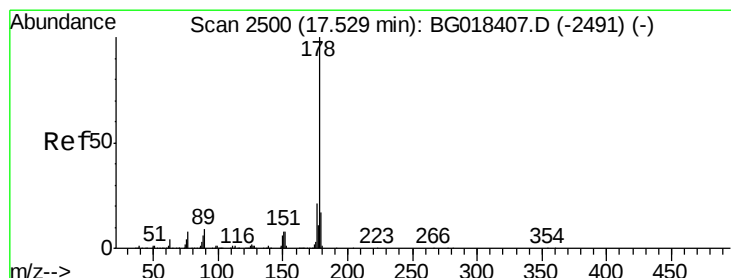
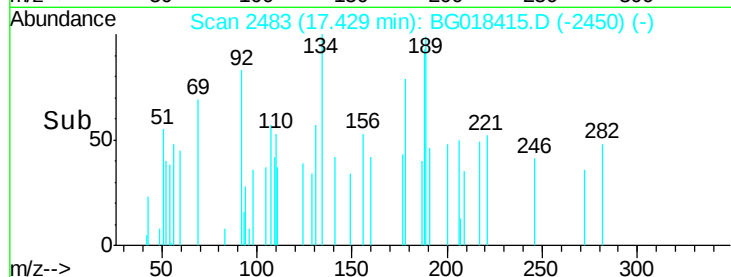
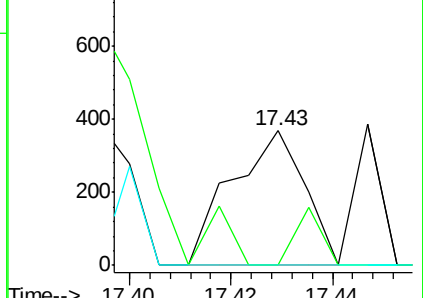
176 0.0 16.6 24.8#



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: 0.01 ng/ul

RT: 17.48 min Scan# 2492

Delta R.T. -0.05 min

Lab File: BG018415.D

Acq: 13 Aug 2015 2:11

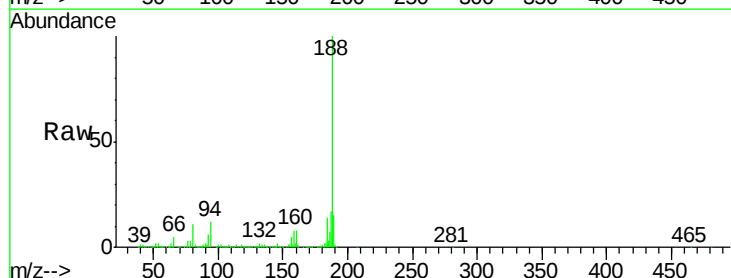
Tgt Ion:178 Resp: 262

Ion Ratio Lower Upper

178 100

179 147.6 13.0 19.4#

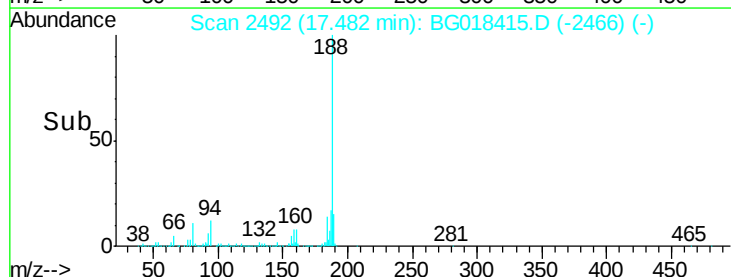
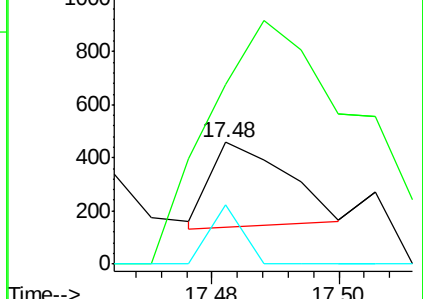
176 48.3 16.0 24.0#

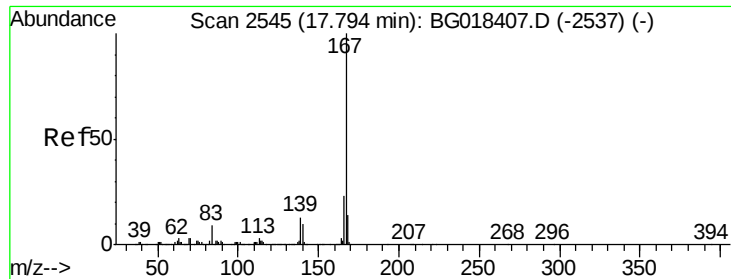


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 0.00 ng/ul

RT: 17.85 min Scan# 2555

Delta R.T. 0.06 min

Lab File: BG018415.D

Acq: 13 Aug 2015 2:11

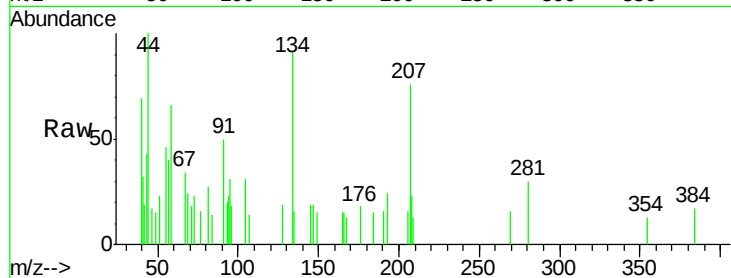
Instrument :

BNA_M

ClientSampleId :

MDL-07-S-ML

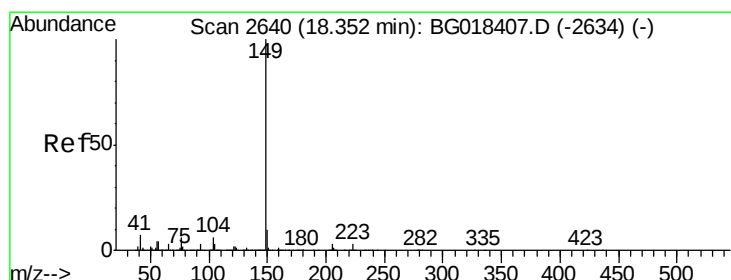
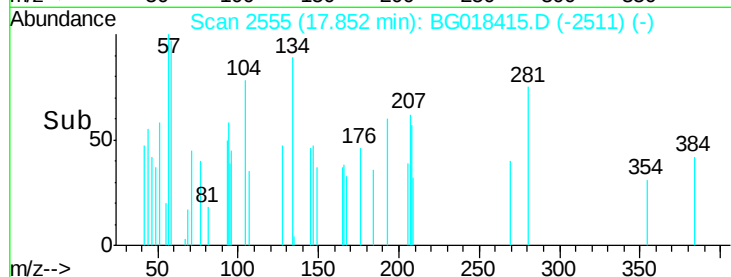
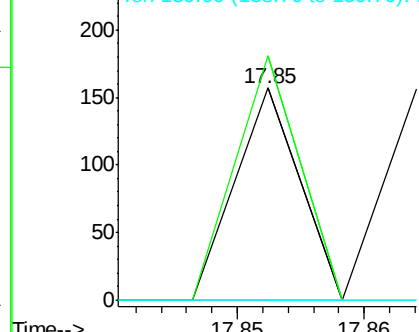
Tgt Ion	Ratio	Lower	Upper
167	100		
166	115.3	18.9	28.3#
139	0.0	10.1	15.1#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#76

Di-n-butylphthalate

Concen: 0.02 ng/ul

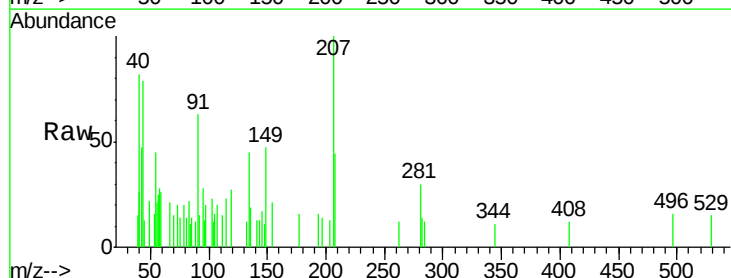
RT: 18.36 min Scan# 2641

Delta R.T. 0.01 min

Lab File: BG018415.D

Acq: 13 Aug 2015 2:11

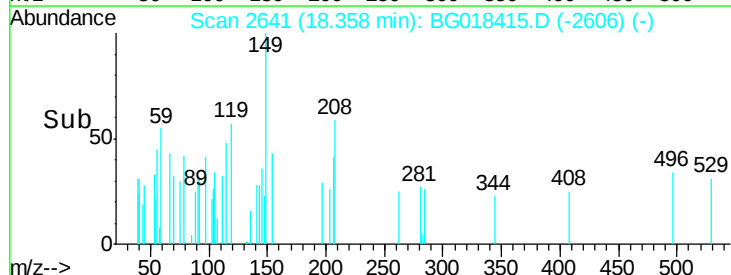
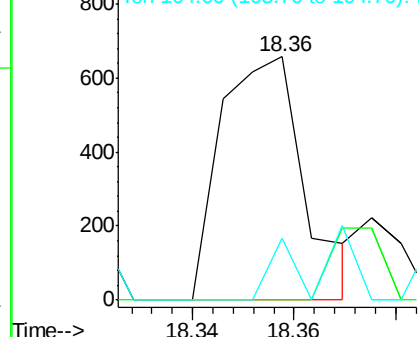
Tgt Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.5	11.3#
104	25.5	4.3	6.5#

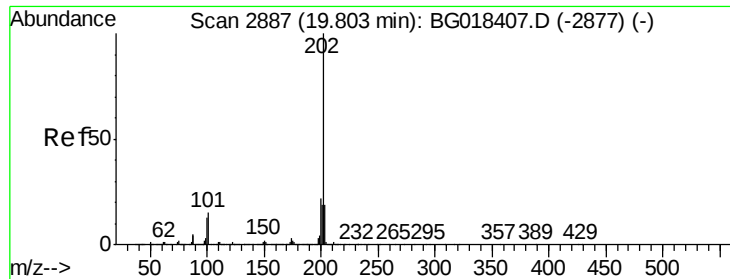


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#80

Pyrene

Concen: 0.00 ng/ul

RT: 19.80 min Scan# 2887

Delta R.T. -0.00 min

Lab File: BG018415.D

Acq: 13 Aug 2015 2:11

Instrument :

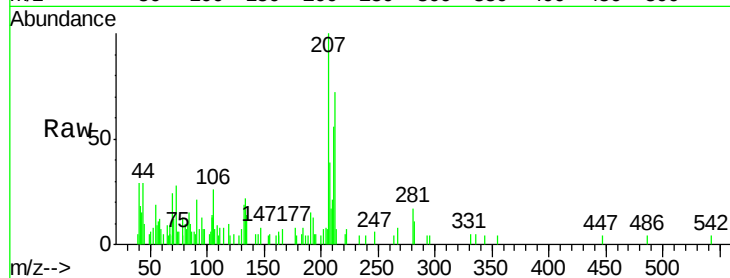
BNA_M

ClientSampleId :

MDL-07-S-ML

Tgt Ion: 202 Resp: 204

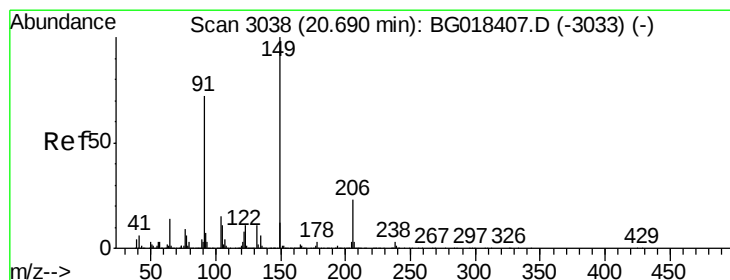
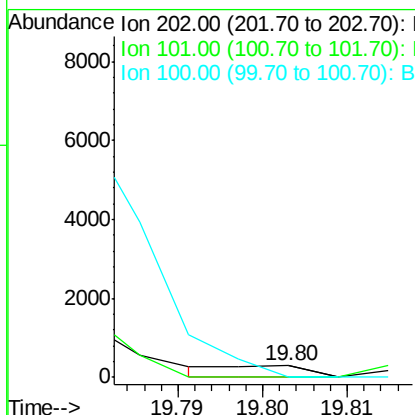
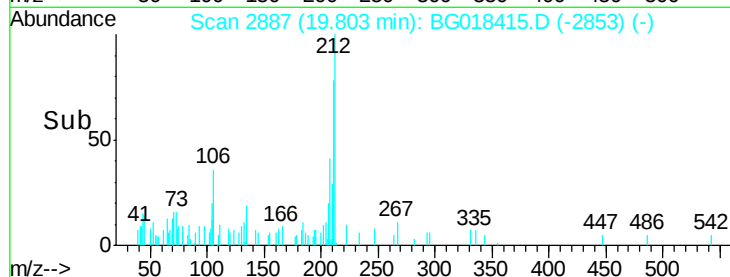
Ion	Ratio	Lower	Upper
202	100		
101	0.0	11.0	16.4#
100	0.0	9.8	14.6#



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): E



#81

Butylbenzylphthalate

Concen: 0.02 ng/ul

RT: 20.67 min Scan# 3034

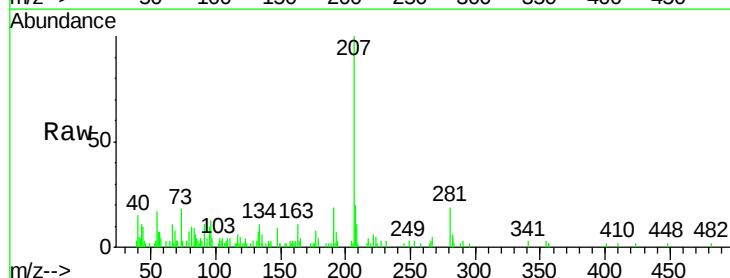
Delta R.T. -0.02 min

Lab File: BG018415.D

Acq: 13 Aug 2015 2:11

Tgt Ion: 149 Resp: 362

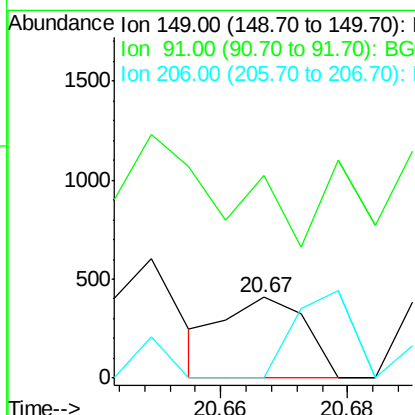
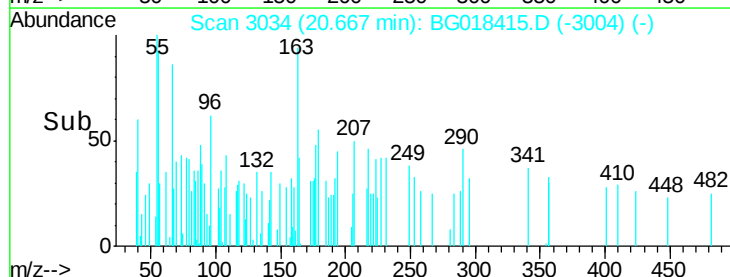
Ion	Ratio	Lower	Upper
149	100		
91	252.3	57.9	86.9#
206	0.0	17.9	26.9#

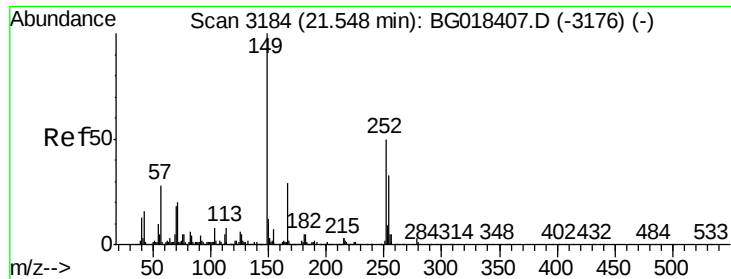


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

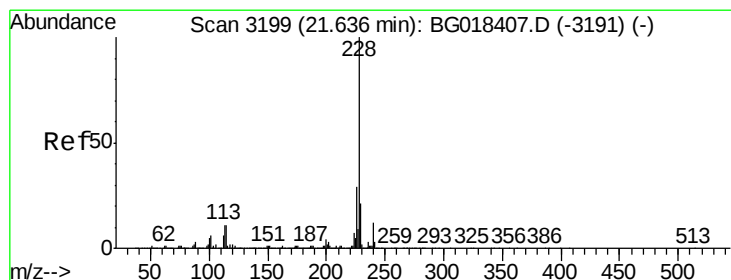
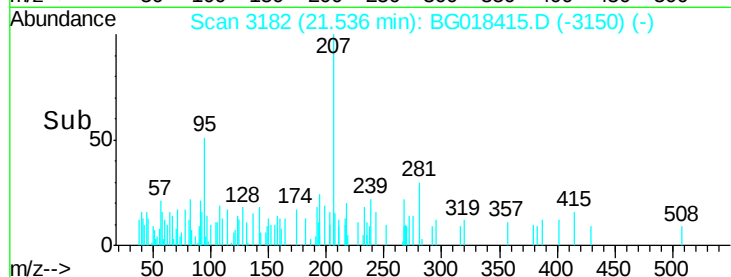
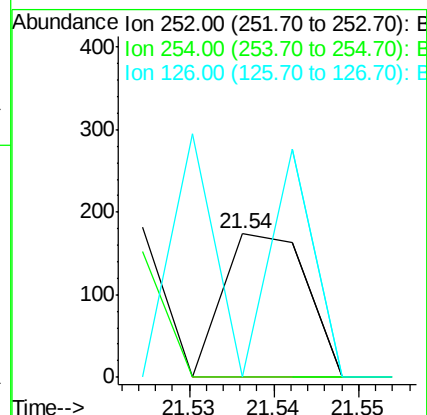
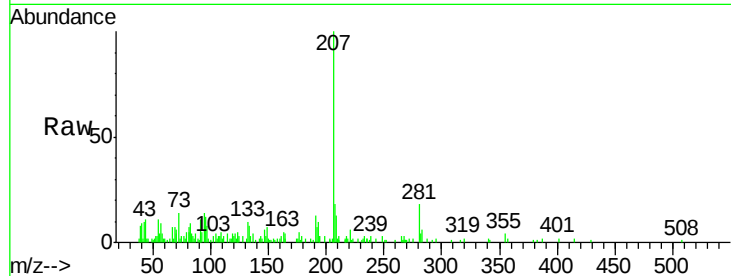




#82
 3,3'-Dichlorobenzidine
 Concen: 0.01 ng/ul
 RT: 21.54 min Scan# 3182
 Delta R.T. -0.01 min
 Lab File: BG018415.D
 Acq: 13 Aug 2015 2:11

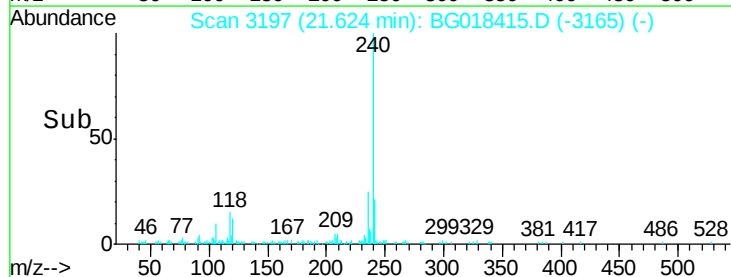
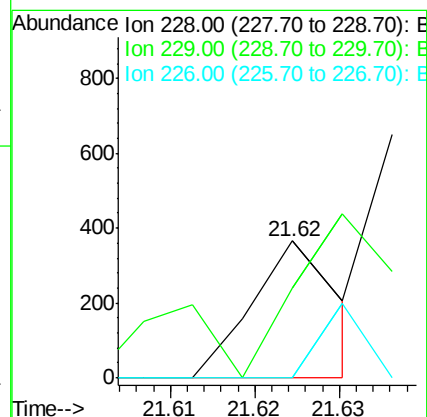
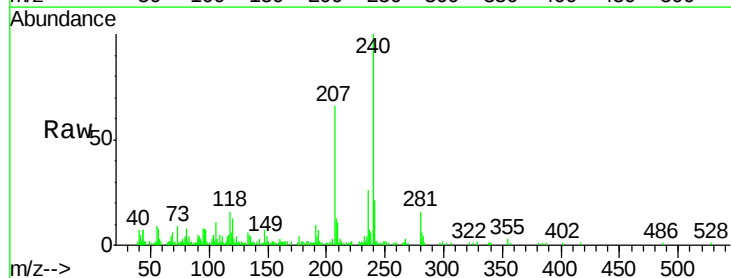
Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S-ML

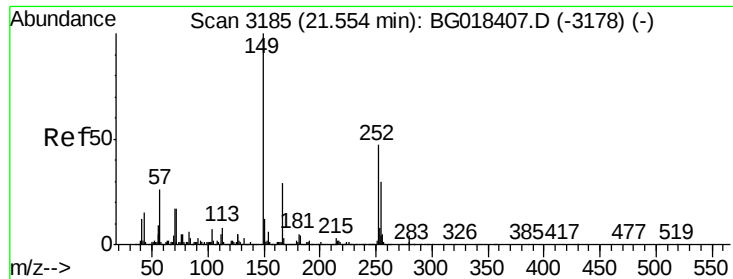
Tgt Ion: 252 Resp: 119
 Ion Ratio Lower Upper
 252 100
 254 0.0 50.9 76.3#
 126 0.0 9.6 14.4#



#83
 Benzo(a)anthracene
 Concen: 0.01 ng/ul
 RT: 21.62 min Scan# 3197
 Delta R.T. -0.01 min
 Lab File: BG018415.D
 Acq: 13 Aug 2015 2:11

Tgt Ion: 228 Resp: 257
 Ion Ratio Lower Upper
 228 100
 229 65.6 15.5 23.3#
 226 0.0 22.1 33.1#

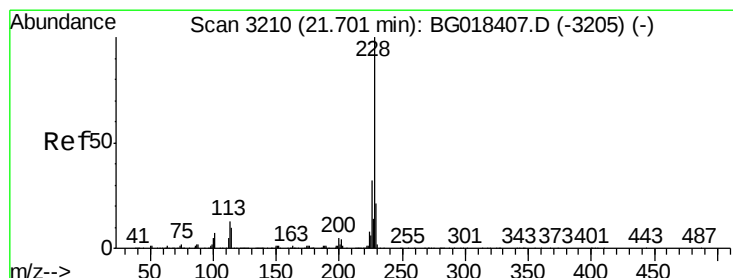
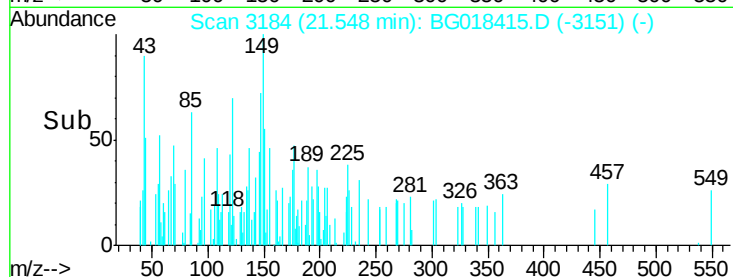
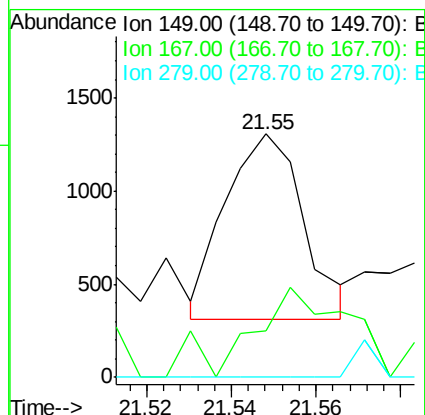
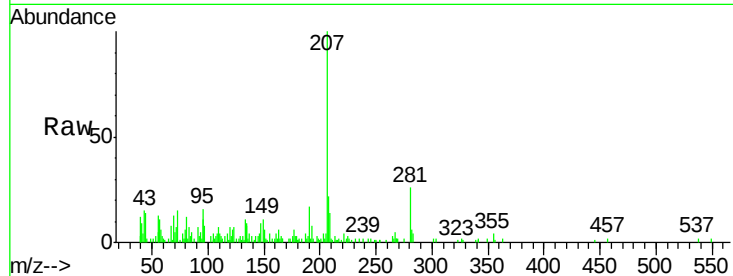




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.04 ng/ul
 RT: 21.55 min Scan# 3184
 Delta R.T. -0.01 min
 Lab File: BG018415.D
 Acq: 13 Aug 2015 2:11

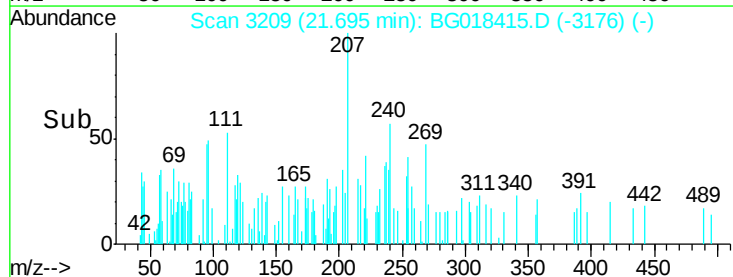
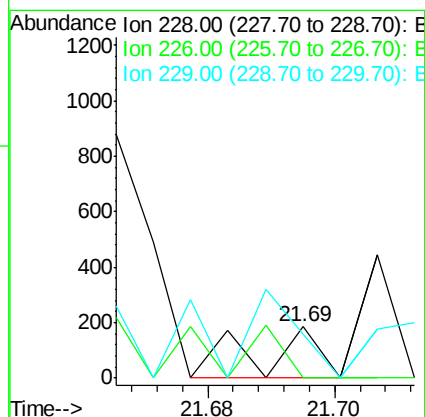
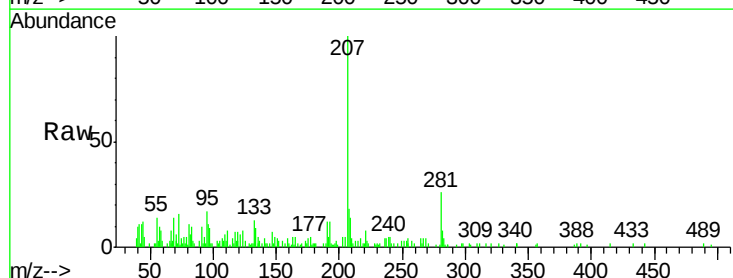
Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S-ML

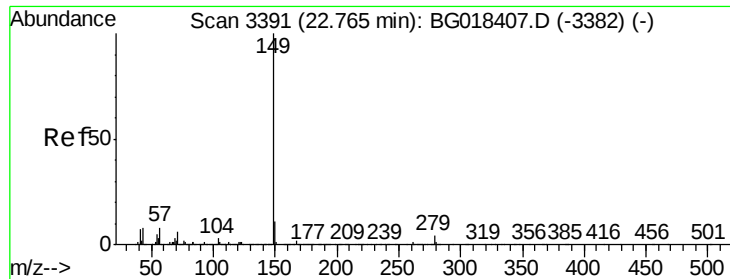
Tgt Ion:149 Resp: 1278
 Ion Ratio Lower Upper
 149 100
 167 19.4 22.2 33.2#
 279 0.0 2.8 4.2#



#85
 Chrysene
 Concen: 0.00 ng/ul
 RT: 21.69 min Scan# 3209
 Delta R.T. -0.01 min
 Lab File: BG018415.D
 Acq: 13 Aug 2015 2:11

Tgt Ion:228 Resp: 126
 Ion Ratio Lower Upper
 228 100
 226 0.0 26.5 39.7#
 229 85.9 16.9 25.3#





#87

Di-n-octyl phthalate

Concen: 0.00 ng/ul

RT: 22.75 min Scan# 3389

Delta R.T. -0.01 min

Lab File: BG018415.D

Acq: 13 Aug 2015 2:11

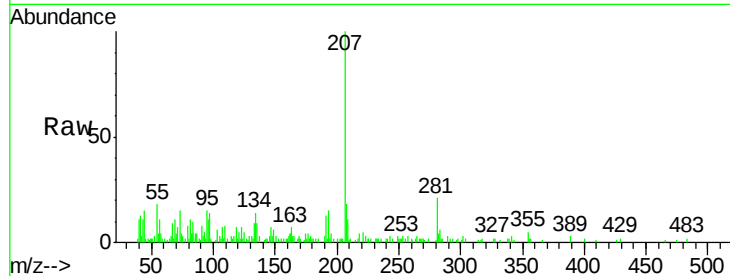
Instrument :

BNA_M

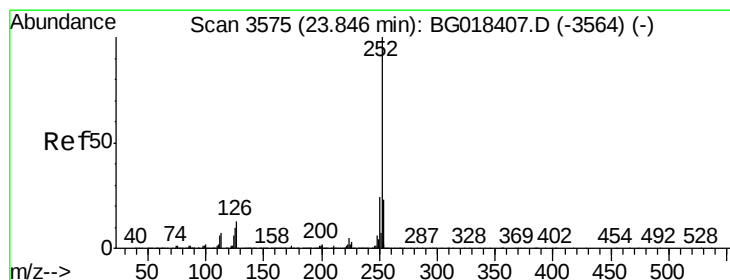
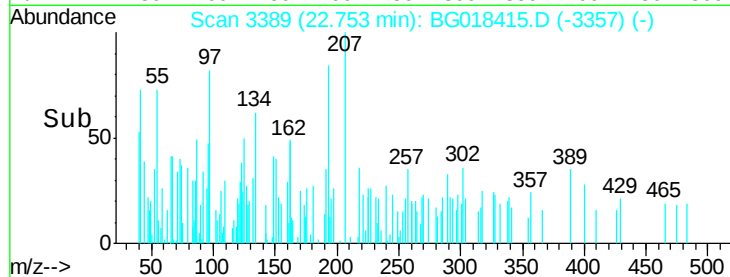
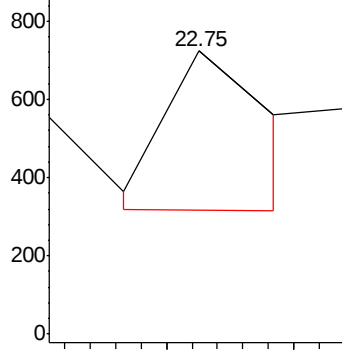
ClientSampleId :

MDL-07-S-ML

Tgt Ion:149 Resp: 229



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 23.85 min Scan# 3575

Delta R.T. -0.00 min

Lab File: BG018415.D

Acq: 13 Aug 2015 2:11

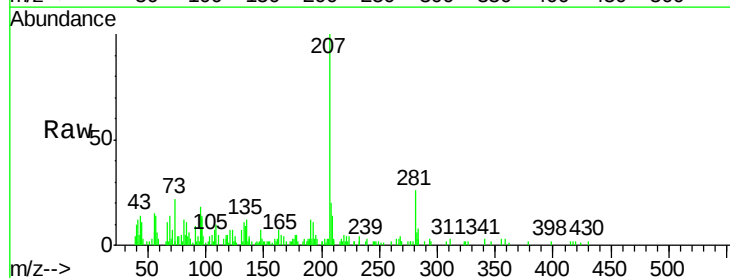
Tgt Ion:252 Resp: 54

Ion Ratio Lower Upper

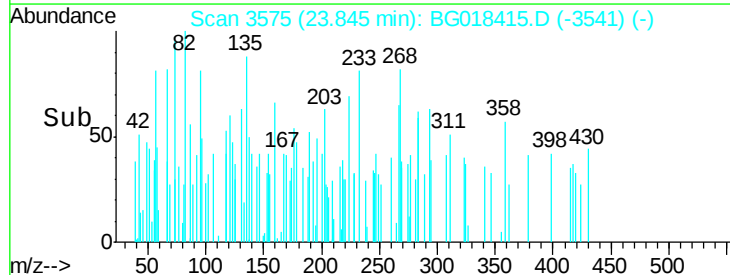
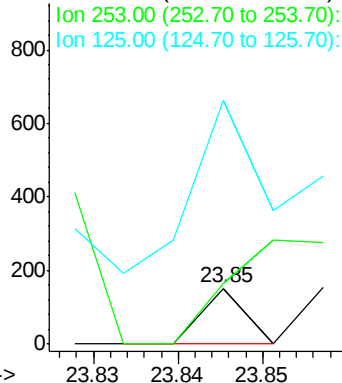
252 100

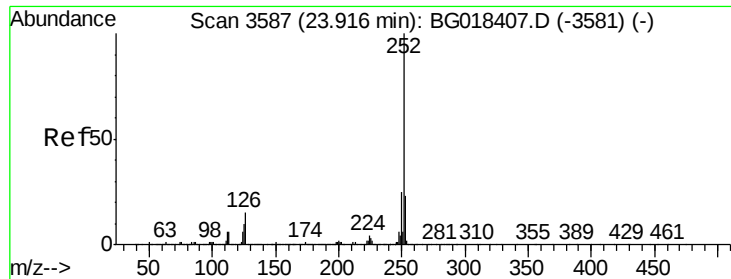
253 107.2 18.1 27.1#

125 435.5 8.3 12.5#



Abundance Ion 252.00 (251.70 to 252.70): E





#89

Benzo(k)fluoranthene

Concen: 0.01 ng/ul

RT: 23.92 min Scan# 3587

Delta R.T. -0.00 min

Lab File: BG018415.D

Acq: 13 Aug 2015 2:11

Instrument :

BNA_M

ClientSampleId :

MDL-07-S-ML

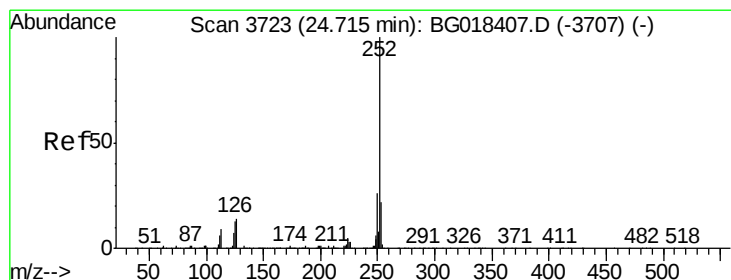
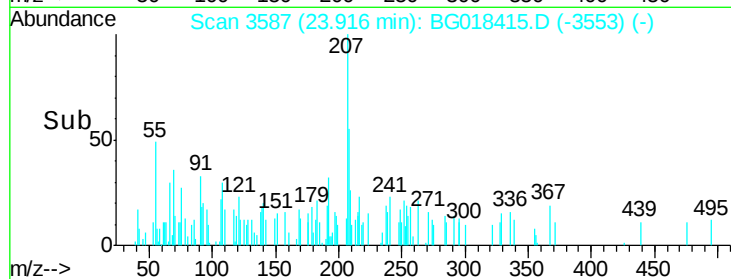
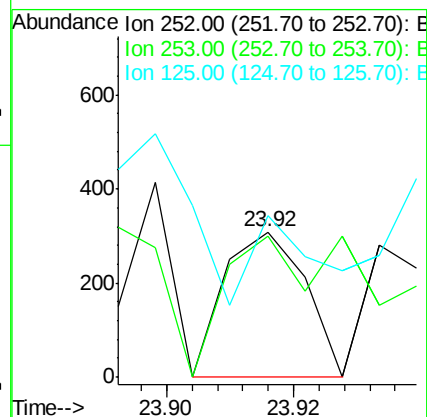
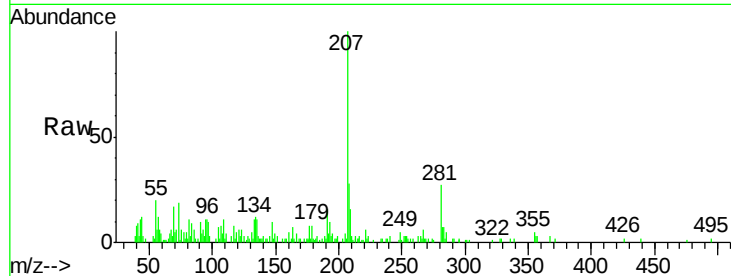
Tgt Ion:252 Resp: 272

Ion Ratio Lower Upper

252 100

253 97.7 17.8 26.6#

125 111.0 9.0 13.4#



#91

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 24.70 min Scan# 3721

Delta R.T. -0.01 min

Lab File: BG018415.D

Acq: 13 Aug 2015 2:11

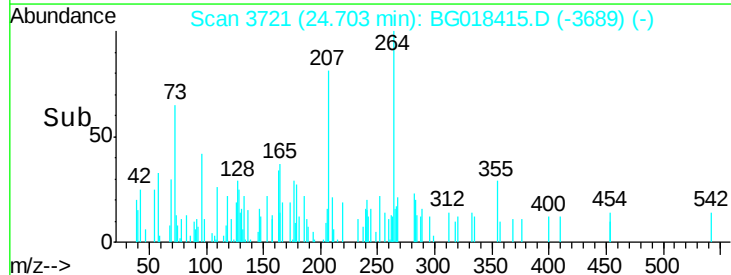
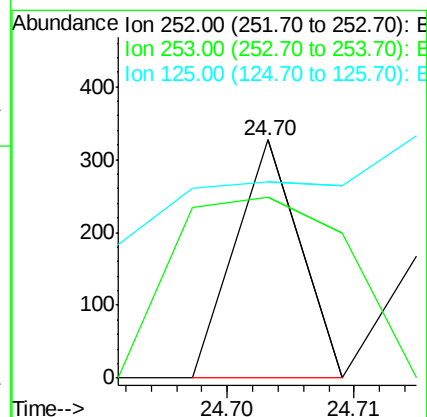
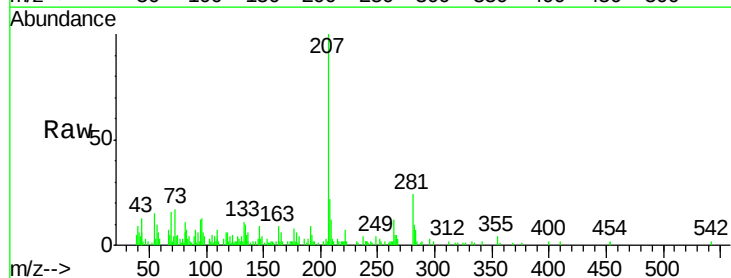
Tgt Ion:252 Resp: 115

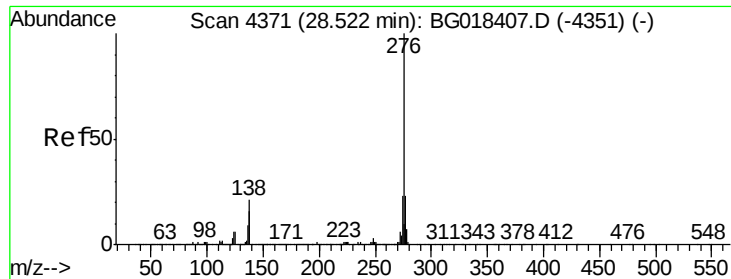
Ion Ratio Lower Upper

252 100

253 75.8 17.7 26.5#

125 82.6 10.2 15.2#





#92

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 28.60 min Scan# 4384

Delta R.T. 0.08 min

Lab File: BG018415.D

Acq: 13 Aug 2015 2:11

Instrument :

BNA_M

ClientSampleId :

MDL-07-S-ML

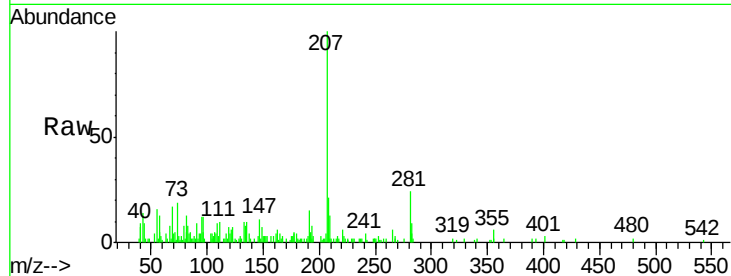
Tgt Ion:276 Resp: 120

Ion Ratio Lower Upper

276 100

138 0.0 15.8 23.6#

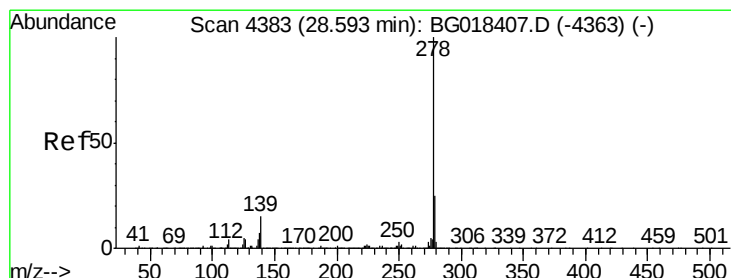
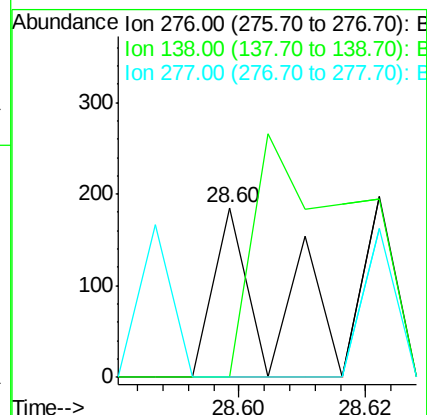
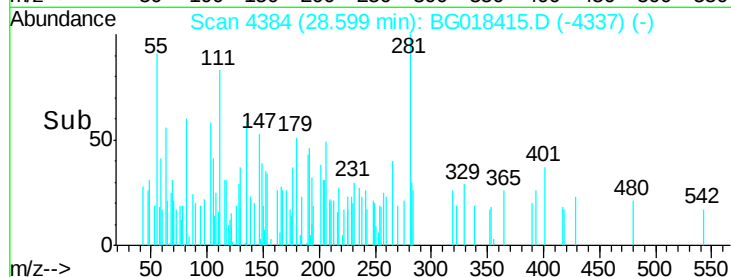
277 0.0 18.9 28.3#



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



#93

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 28.55 min Scan# 4376

Delta R.T. -0.04 min

Lab File: BG018415.D

Acq: 13 Aug 2015 2:11

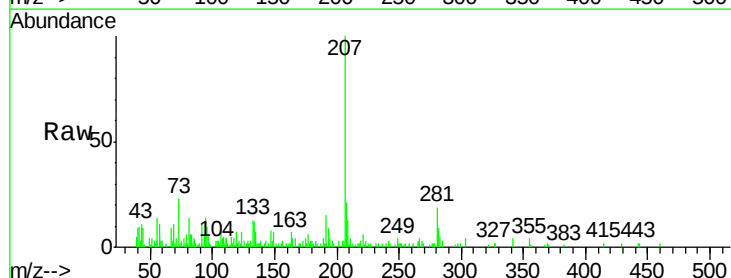
Tgt Ion:278 Resp: 129

Ion Ratio Lower Upper

278 100

139 169.5 13.8 20.6#

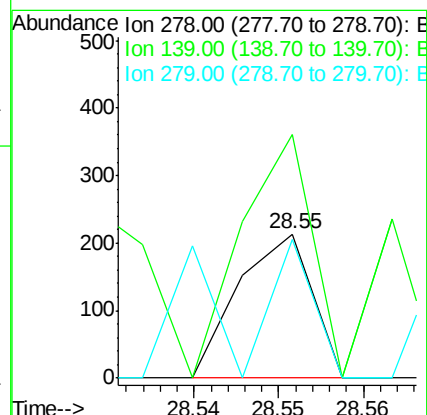
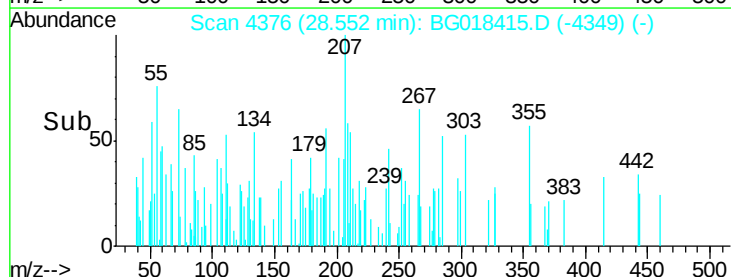
279 96.7 17.8 26.8#

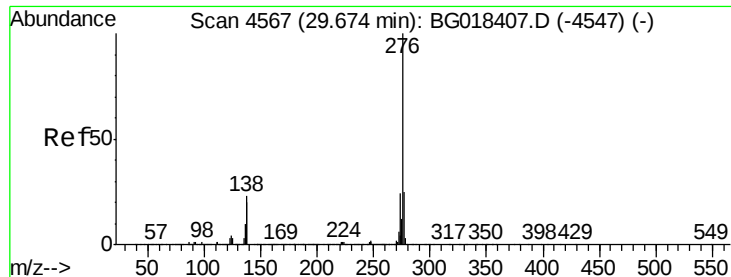


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(g,h,i)perylene

Concen: 0.01 ng/ul

RT: 29.64 min Scan# 4561

Delta R.T. -0.04 min

Lab File: BG018415.D

Acq: 13 Aug 2015 2:11

Instrument :

BNA_M

ClientSampleId :

MDL-07-S-ML

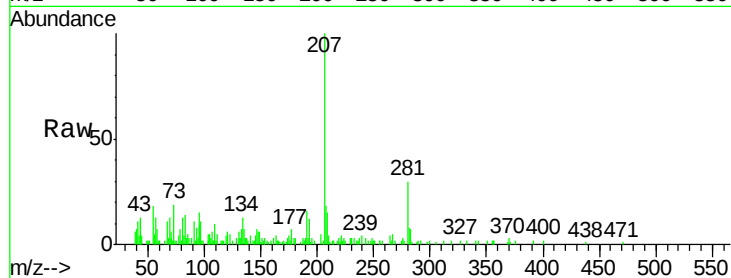
Tgt Ion: 276 Resp: 253

Ion Ratio Lower Upper

276 100

138 27.9 16.5 24.7#

277 0.0 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

