

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081215\
 Data File : BG018414.D
 Acq On : 13 Aug 2015 1:33
 Operator : UM/MA
 Sample : MDL-06-S-ML
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S-ML

Quant Time: Aug 13 04:15:19 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	92857	20.00	ng/ul	0.00
18) Naphthalene-d8	10.83	136	403649	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.65	164	267249	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	675531	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	665988	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	664335	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	9801	4.66	ng/uL	0.00
5) Phenol-d5	7.18	99	198196	23.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	126865	24.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	154830	23.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	173026	24.44	ng/ul	0.00
19) Nitrobenzene-d5	9.18	128	85922	27.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	89103	27.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.45	165	172598	25.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	243480	31.68	ng/ul	0.00
44) Dimethylphthalate-d6	14.05	166	611949	27.21	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	731088	25.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	110117	27.23	ng/ul	0.00
58) Fluorene-d10	15.64	176	528897	27.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	70652	21.26	ng/ul	0.00
71) Anthracene-d10	17.49	188	863992	26.74	ng/ul	0.00
79) Pyrene-d10	19.77	212	949658	27.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.64	264	978905	27.76	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	78	0.03	ng/uL#	1
4) Benzaldehyde	7.15	77	165	0.03	ng/ul#	33
6) Phenol	7.22	94	163	0.02	ng/ul#	58
8) Bis(2-Chloroethyl)ether	7.44	93	745	0.11	ng/ul#	81
10) 2-Chlorophenol	7.56	128	64	0.01	ng/ul#	1
11) 2-Methylphenol	8.50	108	131	0.02	ng/ul#	4
12) 2,2'-oxybis(1-Chloropropan	8.54	45	76	0.01	ng/ul#	12
14) Acetophenone	8.83	105	69	0.01	ng/ul#	53
15) N-Nitroso-di-n-propylamine	8.77	70	111	0.02	ng/ul#	73
16) 4-Methylphenol	8.95	108	144	0.02	ng/ul	87
17) Hexachloroethane	9.12	117	155	0.05	ng/ul#	10
20) Nitrobenzene	9.22	77	120	0.02	ng/ul#	1
21) Isophorone	9.75	82	194	0.01	ng/ul#	25
24) 2,4-Dimethylphenol	9.96	107	126	0.02	ng/ul#	12
25) Bis(2-Chloroethoxy)methane	10.23	93	75	0.01	ng/ul#	20
27) 2,4-Dichlorophenol	10.44	162	348	0.05	ng/ul#	1
28) Naphthalene	10.88	128	113	0.01	ng/ul#	68
30) 4-Chloroaniline	10.95	127	245	0.03	ng/ul#	41
33) 4-Chloro-3-methylphenol	12.10	107	61	0.01	ng/ul#	18
35) 1-Methylnaphthalene	12.70	142	37531	2.49	ng/ul#	95
38) Hexachlorocyclopentadiene	12.80	237	118	0.02	ng/ul#	30
43) 2-Nitroaniline	13.73	65	214	0.04	ng/ul#	30
45) Dimethylphthalate	14.05	163	340	0.02	ng/ul#	1

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 Misc :
 ALS Vial : 20 Sample Multiplier: 1

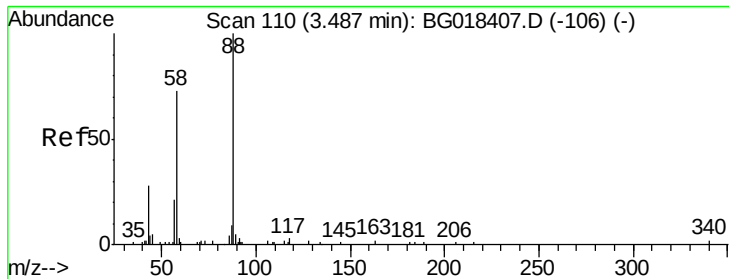
Instrument :
 BNA_M
 ClientSampleId :
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Quant Time: Aug 13 04:15:19 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

46) 2,6-Dinitrotoluene	14.22	165	137	0.03	ng/ul#	66
48) Acenaphthylene	14.35	152	170	0.01	ng/ul#	1
50) Acenaphthene	14.87	153	60	0.00	ng/ul#	15
53) 4-Nitrophenol	14.85	109	124	0.04	ng/ul#	1
55) 2,4-Dinitrotoluene	14.92	165	134	0.02	ng/ul#	34
57) Diethylphthalate	15.45	149	794	0.03	ng/ul#	58
59) Fluorene	15.64	166	1609	0.07	ng/ul#	17
61) 4-Nitroaniline	15.74	138	323	0.06	ng/ul#	1
64) 4,6-Dinitro-2-methylphenol	15.76	198	101	0.03	ng/ul#	1
65) N-Nitrosodiphenylamine	15.75	169	635	0.03	ng/ul#	29
66) 4-Bromophenyl-phenylether	16.62	248	110	0.02	ng/ul#	7
70) Phenanthrene	17.40	178	260	0.01	ng/ul#	58
72) Anthracene	17.51	178	58	0.00	ng/ul#	1
75) Carbazole	17.79	167	98	0.00	ng/ul#	57
76) Di-n-butylphthalate	18.36	149	1309	0.03	ng/ul#	78
80) Pyrene	19.78	202	1599	0.04	ng/ul#	1
81) Butylbenzylphthalate	20.69	149	382	0.02	ng/ul#	53
82) 3,3'-Dichlorobenzidine	21.55	252	139	0.01	ng/ul#	26
83) Benzo(a)anthracene	21.62	228	234	0.01	ng/ul#	1
84) Bis(2-ethylhexyl)phthalate	21.54	149	1802	0.07	ng/ul#	66
85) Chrysene	21.70	228	256	0.01	ng/ul#	47
87) Di-n-octyl phthalate	22.77	149	223	0.01	ng/ul	100
88) Benzo(b)fluoranthene	23.85	252	255	0.01	ng/ul#	1
89) Benzo(k)fluoranthene	23.90	252	360	0.01	ng/ul#	1
91) Benzo(a)pyrene	24.69	252	63	0.00	ng/ul#	1
92) Indeno(1,2,3-cd)pyrene	28.54	276	118	0.00	ng/ul#	1
93) Dibenzo(a,h)anthracene	28.50	278	150	0.00	ng/ul#	57
94) Benzo(g,h,i)perylene	29.65	276	142	0.00	ng/ul#	1

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



#2

1,4-Dioxane

Concen: 0.03 ng/uL

RT: 3.48 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG018414.D

Acq: 13 Aug 2015 1:33

Instrument :

BNA_M

ClientSampleID :

MDL-06-S-ML

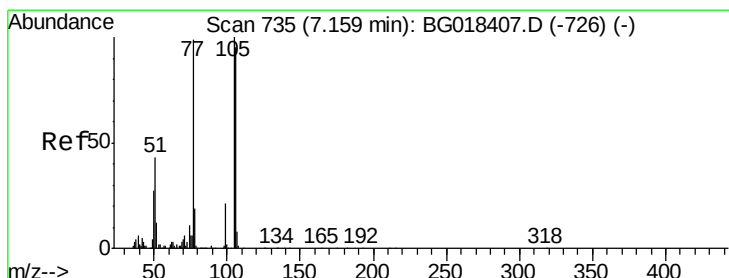
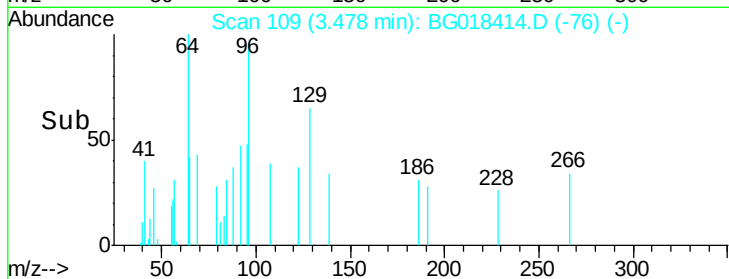
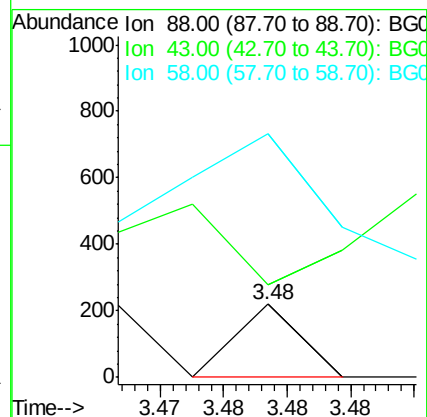
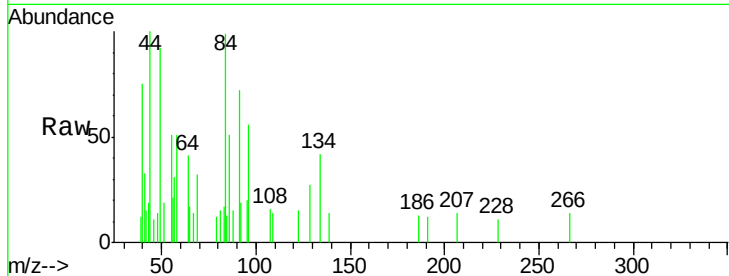
Tgt Ion: 88 Resp: 78

Ion Ratio Lower Upper

88 100

43 126.8 33.0 49.4#

58 332.7 73.4 110.0#



#4

Benzaldehyde

Concen: 0.03 ng/uL

RT: 7.15 min Scan# 734

Delta R.T. -0.01 min

Lab File: BG018414.D

Acq: 13 Aug 2015 1:33

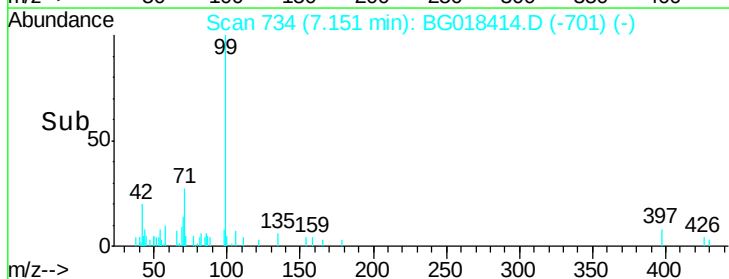
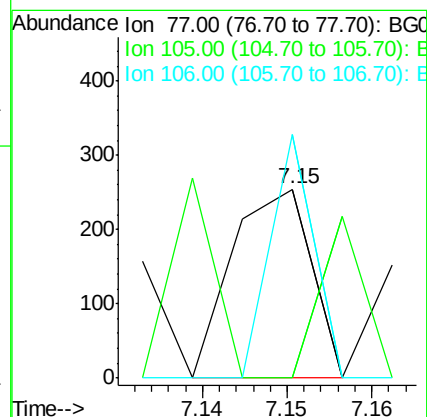
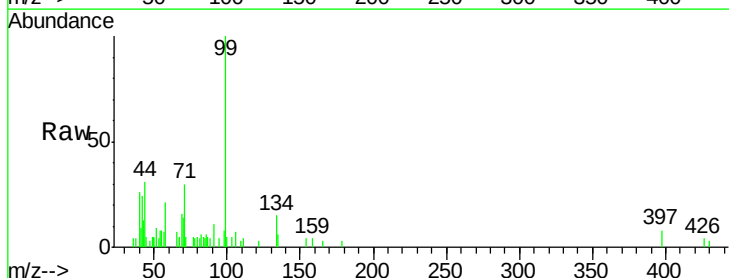
Tgt Ion: 77 Resp: 165

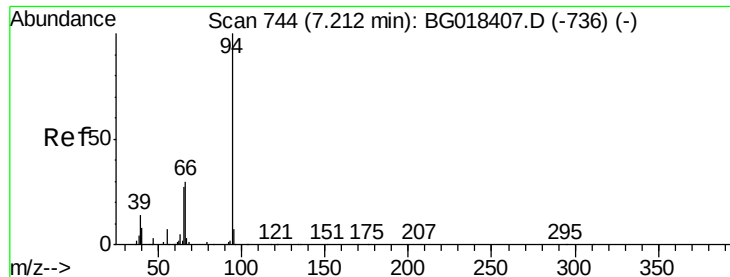
Ion Ratio Lower Upper

77 100

105 0.0 78.2 117.2#

106 129.1 76.8 115.2#





#6

Phenol

Concen: 0.02 ng/ul

RT: 7.22 min Scan# 746

Delta R.T. 0.01 min

Lab File: BG018414.D

Acq: 13 Aug 2015 1:33

Instrument :

BNA_M

ClientSampleId :

MDL-06-S-ML

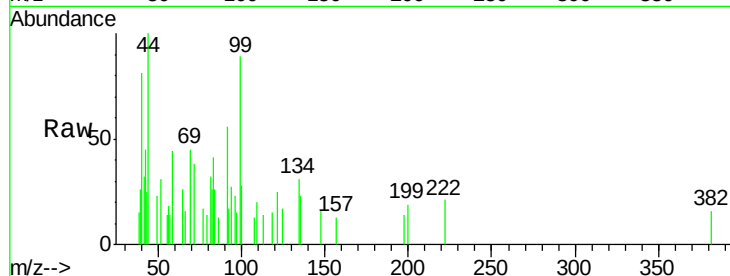
Tgt Ion: 94 Resp: 163

Ion Ratio Lower Upper

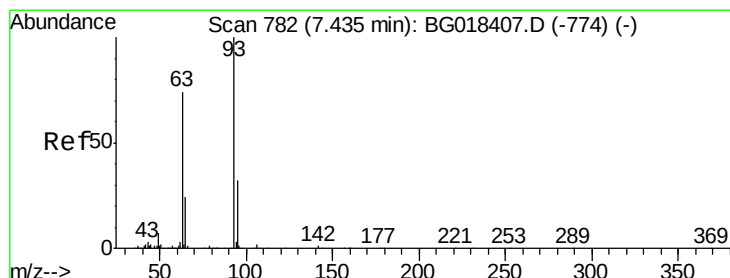
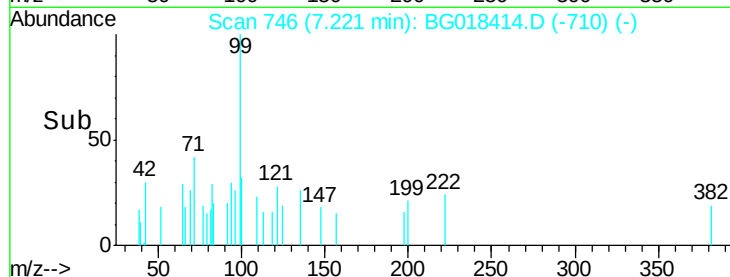
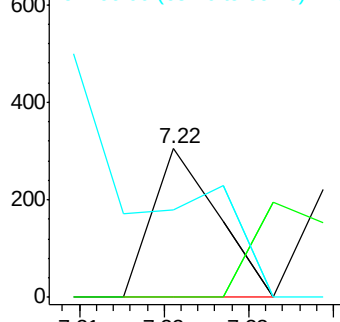
94 100

65 0.0 23.0 34.6#

66 58.7 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: 0.11 ng/ul

RT: 7.44 min Scan# 784

Delta R.T. 0.01 min

Lab File: BG018414.D

Acq: 13 Aug 2015 1:33

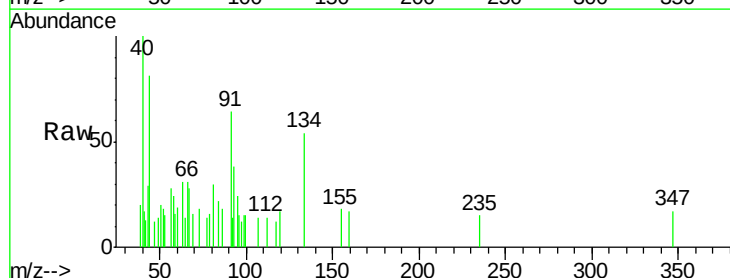
Tgt Ion: 93 Resp: 745

Ion Ratio Lower Upper

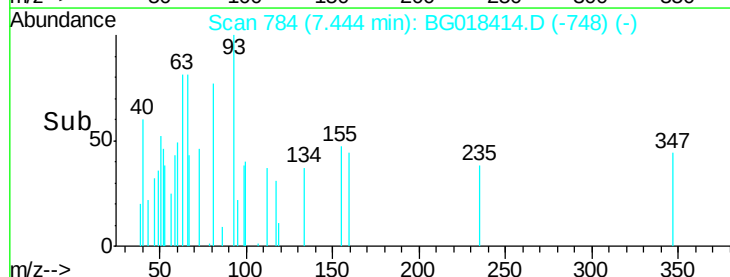
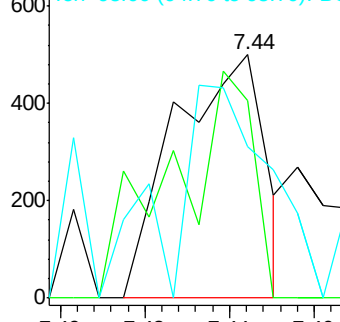
93 100

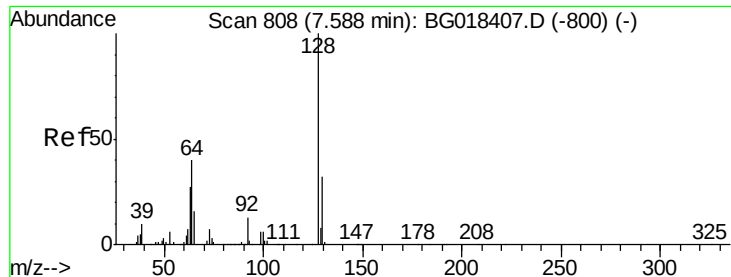
63 81.0 61.4 92.2

95 62.2 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

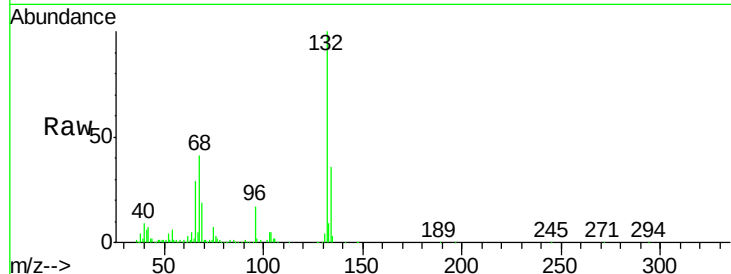




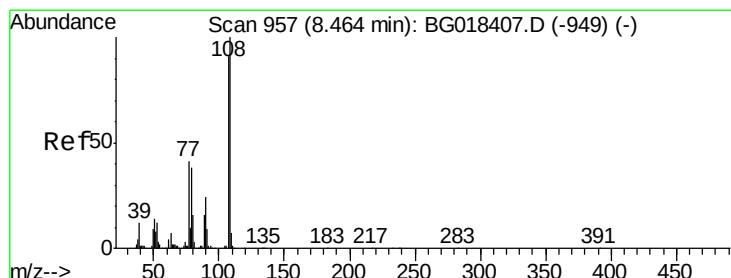
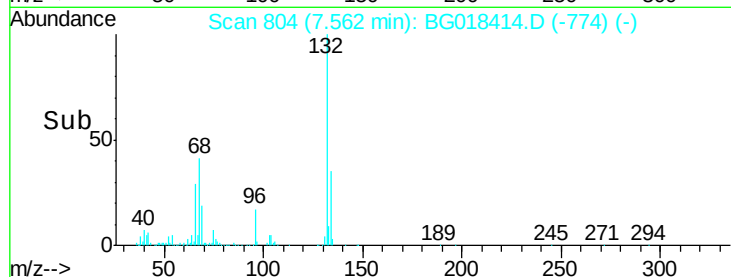
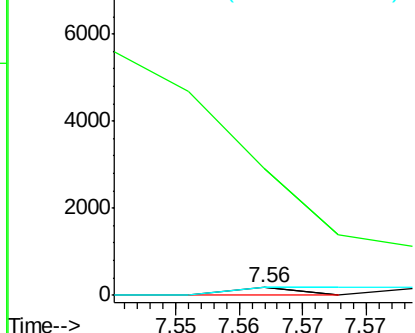
#10
2-Chlorophenol
Concen: 0.01 ng/ul
RT: 7.56 min Scan# 804
Delta R.T. -0.03 min
Lab File: BG018414.D
Acq: 13 Aug 2015 1:33

Instrument :
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ClientSampleId :
MDL-06-S-ML

Tgt Ion:128 Resp: 64
Ion Ratio Lower Upper
128 100
64 1600.0 40.9 61.3#
130 102.7 24.5 36.7#

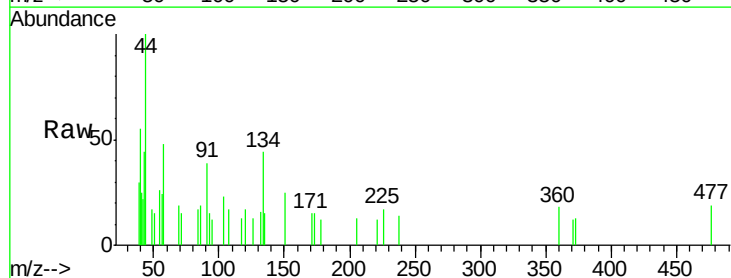


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 130.00 (129.70 to 130.70): E

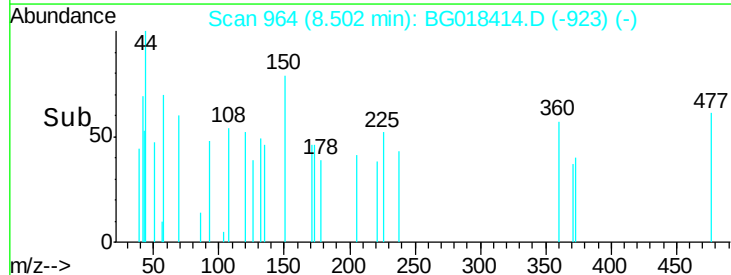
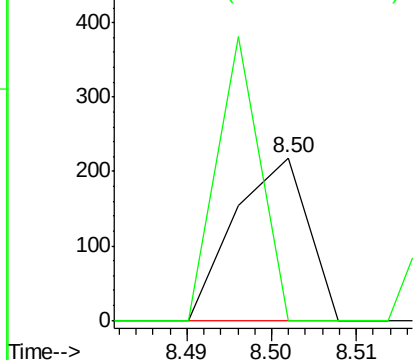


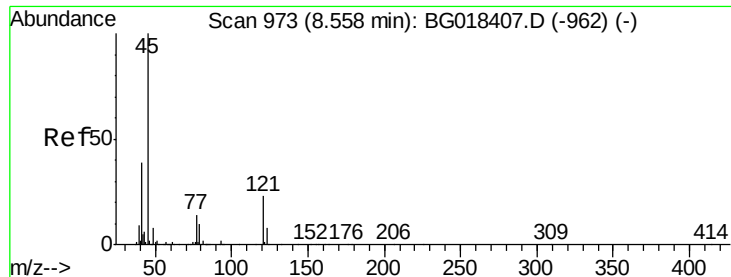
#11
2-Methylphenol
Concen: 0.02 ng/ul
RT: 8.50 min Scan# 964
Delta R.T. 0.04 min
Lab File: BG018414.D
Acq: 13 Aug 2015 1:33

Tgt Ion:108 Resp: 131
Ion Ratio Lower Upper
108 100
107 0.0 72.1 108.1#



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

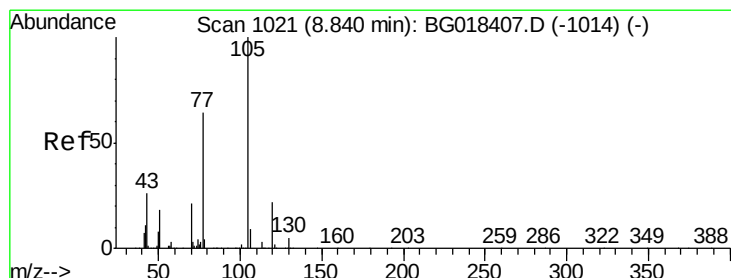
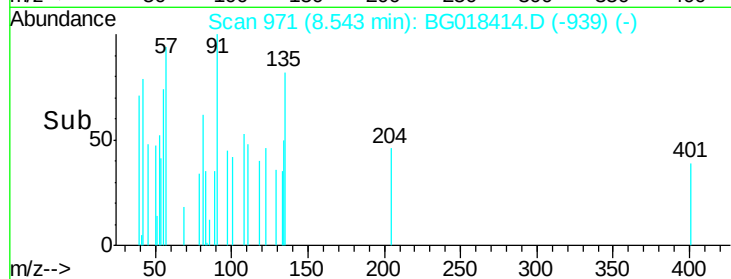
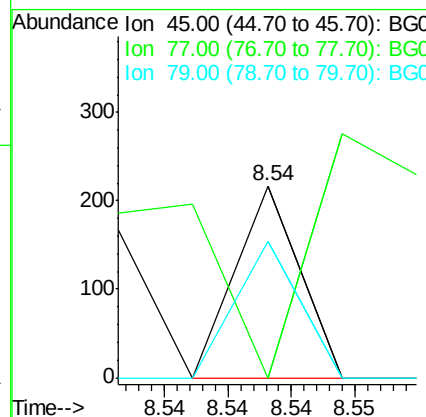
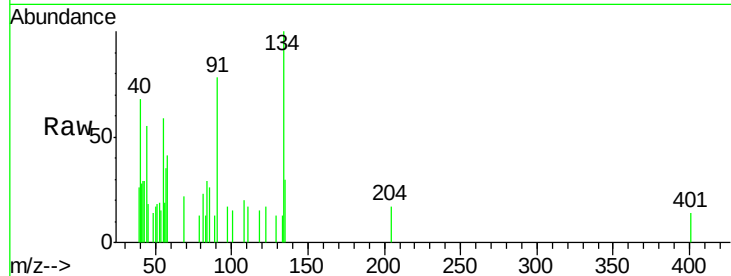




#12
2,2'-oxybis(1-Chloropropane)
Concen: 0.01 ng/ul
RT: 8.54 min Scan# 971
Delta R.T. -0.01 min
Lab File: BG018414.D
Acq: 13 Aug 2015 1:33

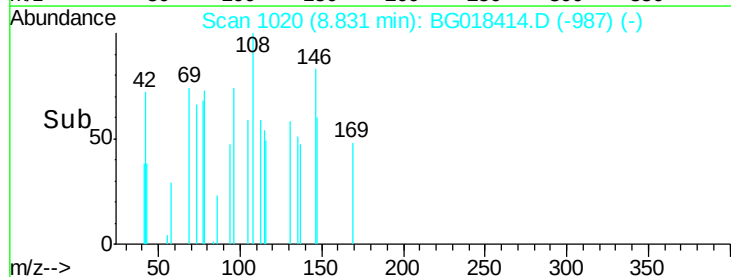
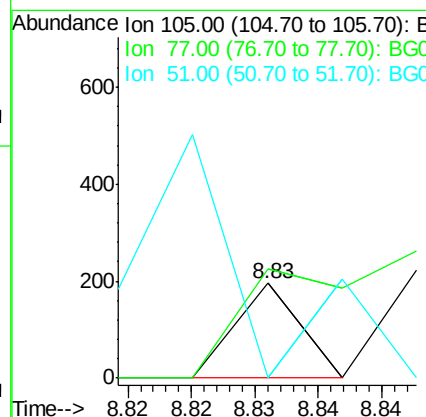
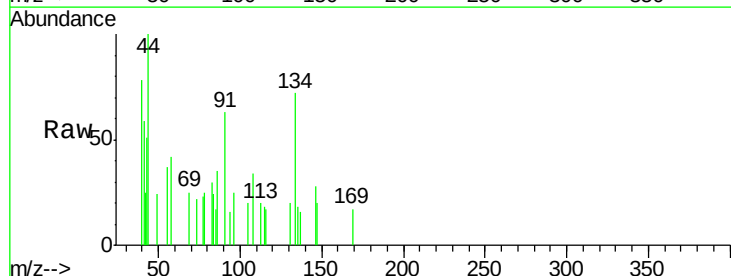
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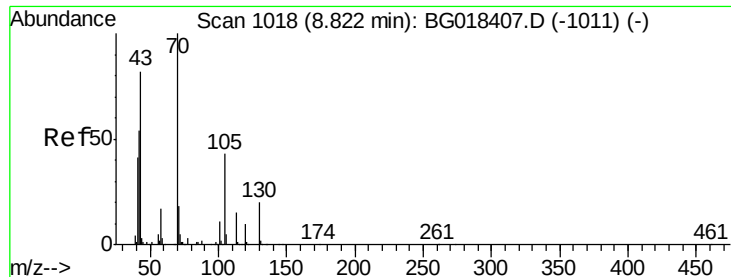
Tgt Ion: 45 Resp: 76
Ion Ratio Lower Upper
45 100
77 0.0 11.3 16.9#
79 71.0 7.8 11.8#



#14
Acetophenone
Concen: 0.01 ng/ul
RT: 8.83 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG018414.D
Acq: 13 Aug 2015 1:33

Tgt Ion: 105 Resp: 69
Ion Ratio Lower Upper
105 100
77 114.8 61.9 92.9#
51 0.0 25.5 38.3#

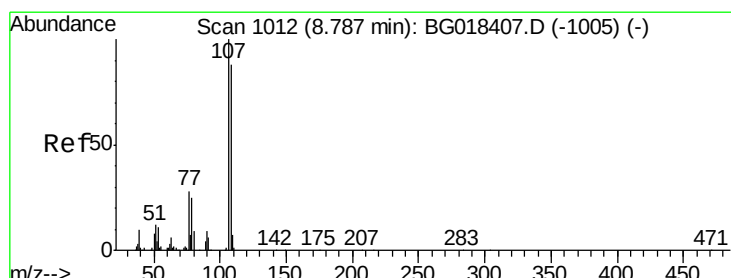
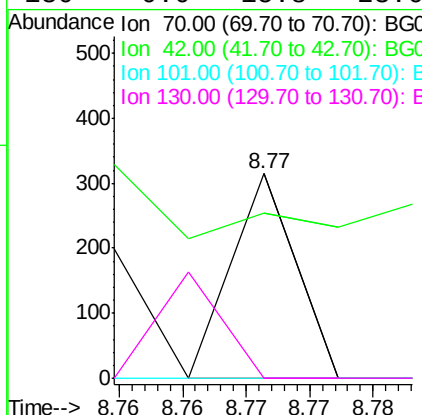
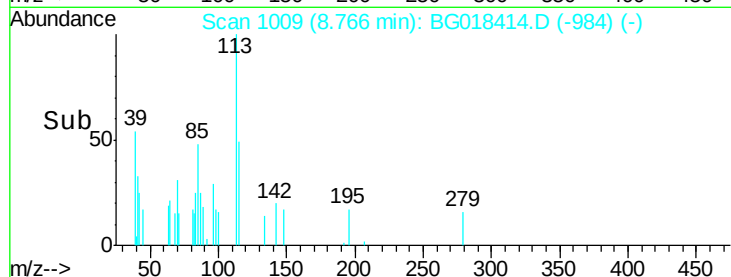
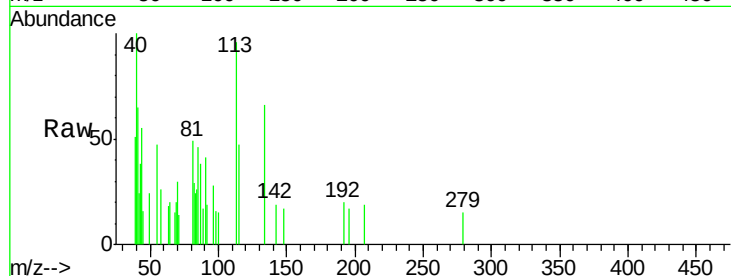




#15
N-Nitroso-di-n-propylamine
Concen: 0.02 ng/ul
RT: 8.77 min Scan# 1009
Delta R.T. -0.06 min
Lab File: BG018414.D
Acq: 13 Aug 2015 1:33

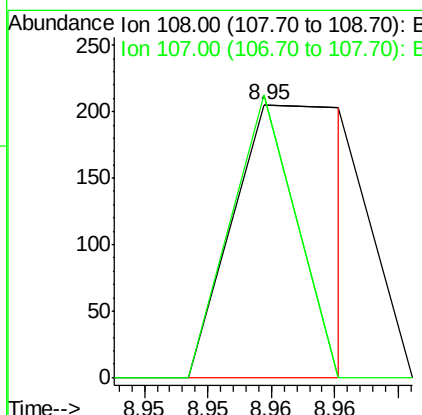
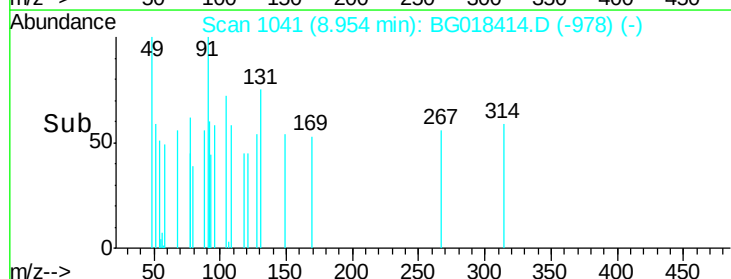
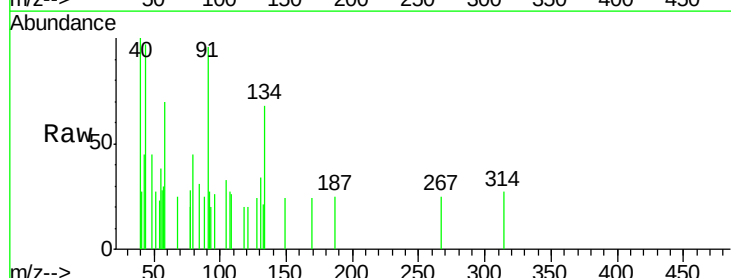
Instrument :
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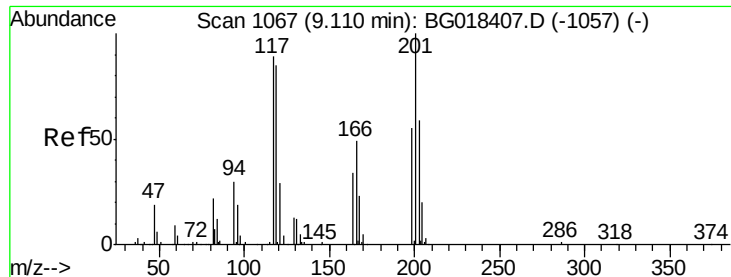
Tgt Ion: 70 Resp: 111
Ion Ratio Lower Upper
70 100
42 80.6 50.7 76.1#
101 0.0 7.4 11.2#
130 0.0 15.8 23.6#



#16
4-Methylphenol
Concen: 0.02 ng/ul
RT: 8.95 min Scan# 1041
Delta R.T. 0.17 min
Lab File: BG018414.D
Acq: 13 Aug 2015 1:33

Tgt Ion: 108 Resp: 144
Ion Ratio Lower Upper
108 100
107 103.9 94.6 142.0





#17

Hexachloroethane

Concen: 0.05 ng/ul

RT: 9.12 min Scan# 1070

Delta R.T. 0.01 min

Lab File: BG018414.D

Acq: 13 Aug 2015 1:33

Instrument :

BNA_M

ClientSampleId :

MDL-06-S-ML

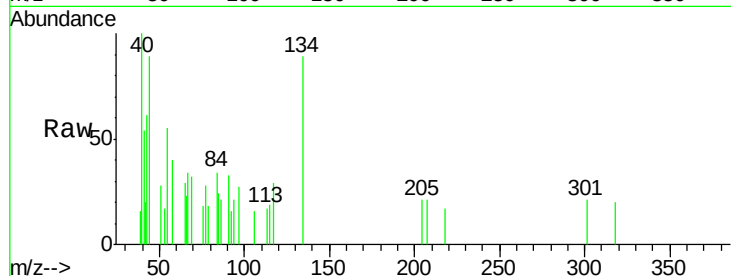
Tgt Ion: 117 Resp: 155

Ion Ratio Lower Upper

117 100

201 0.0 73.6 110.4#

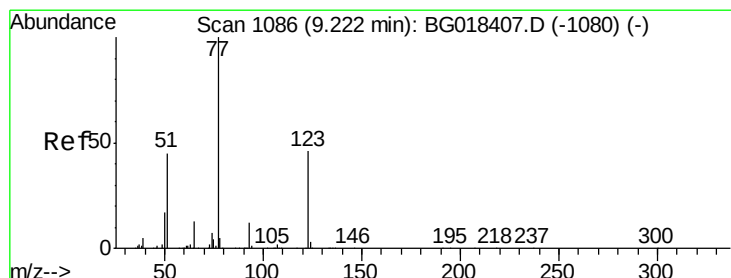
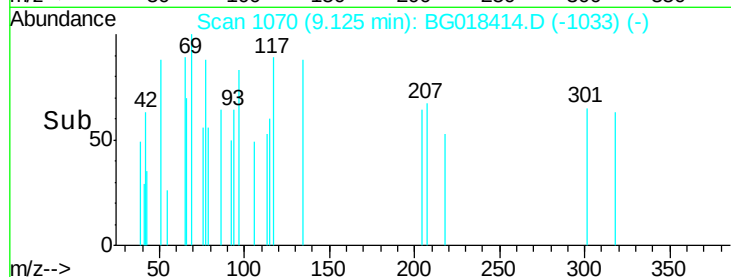
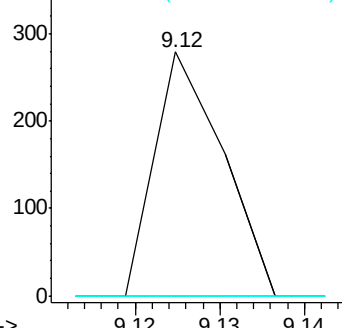
199 0.0 48.6 72.8#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 0.02 ng/ul

RT: 9.22 min Scan# 1086

Delta R.T. -0.00 min

Lab File: BG018414.D

Acq: 13 Aug 2015 1:33

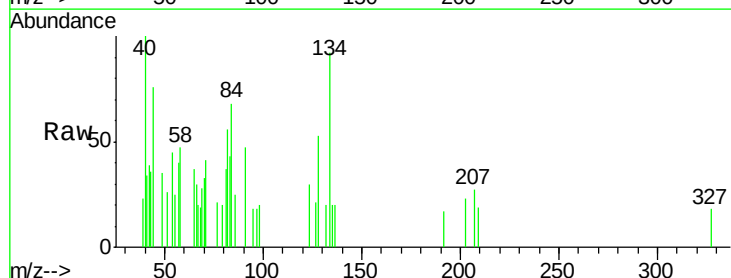
Tgt Ion: 77 Resp: 120

Ion Ratio Lower Upper

77 100

123 145.9 32.8 49.2#

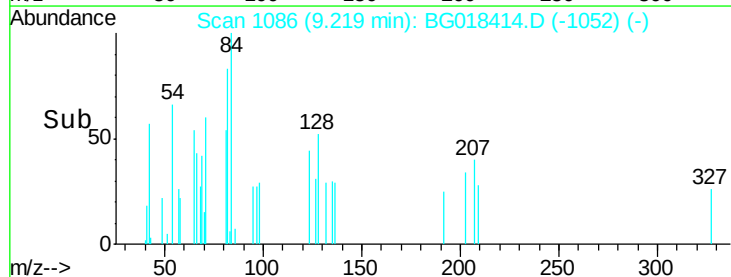
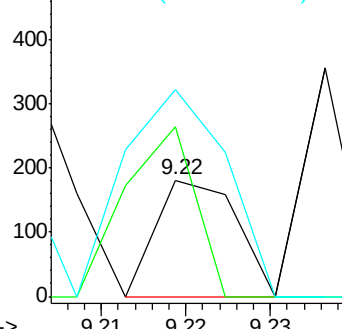
65 177.3 12.2 18.2#

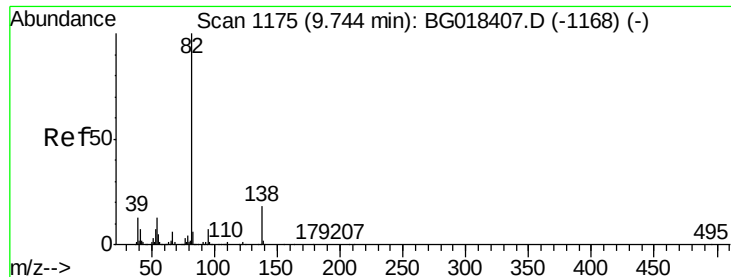


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC

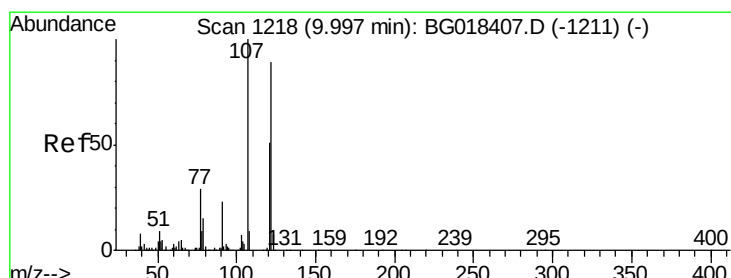
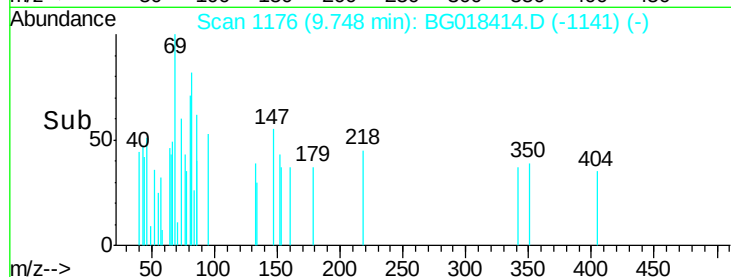
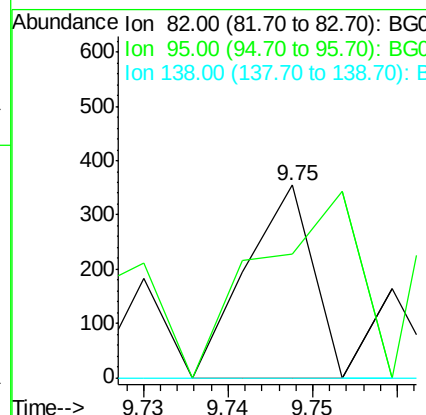
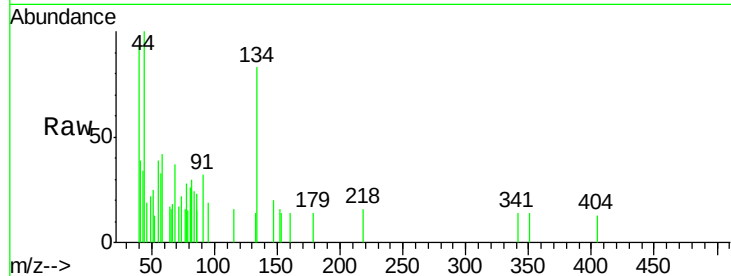




#21
Isophorone
Concen: 0.01 ng/ul
RT: 9.75 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BG018414.D
Acq: 13 Aug 2015 1:33

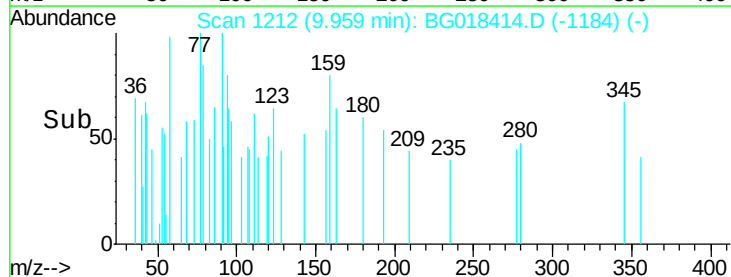
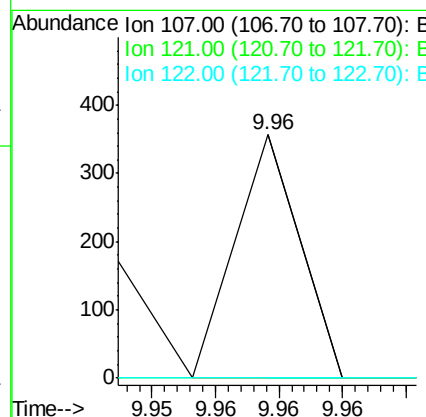
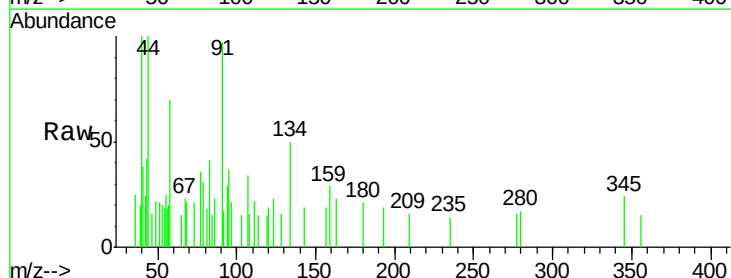
Instrument :
BNA_M
ClientSampleId :
MDL-06-S-ML

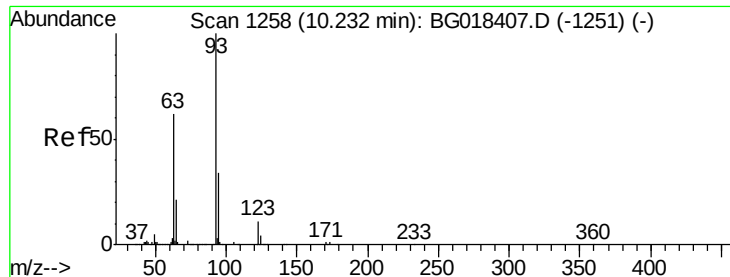
Tgt Ion: 82 Resp: 194
Ion Ratio Lower Upper
82 100
95 64.2 5.2 7.8#
138 0.0 13.8 20.8#



#24
2,4-Dimethylphenol
Concen: 0.02 ng/ul
RT: 9.96 min Scan# 1212
Delta R.T. -0.04 min
Lab File: BG018414.D
Acq: 13 Aug 2015 1:33

Tgt Ion: 107 Resp: 126
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: 10.23 min Scan# 1258

Delta R.T. -0.00 min

Lab File: BG018414.D

Acq: 13 Aug 2015 1:33

Instrument :

BNA_M

ClientSampleId :

MDL-06-S-ML

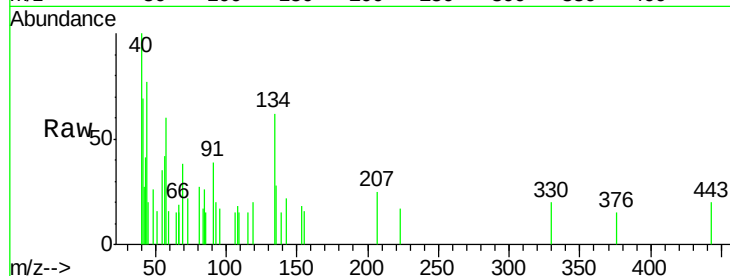
Tgt Ion: 93 Resp: 75

Ion Ratio Lower Upper

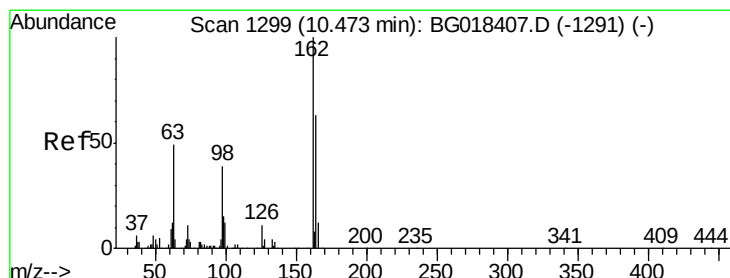
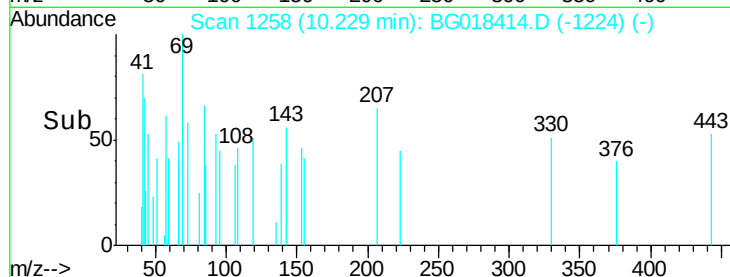
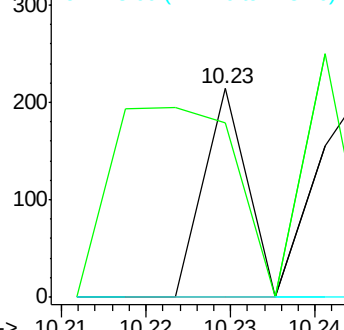
93 100

95 83.6 24.1 36.1#

123 0.0 8.9 13.3#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): BGC



#27

2,4-Dichlorophenol

Concen: 0.05 ng/ul

RT: 10.44 min Scan# 1293

Delta R.T. -0.04 min

Lab File: BG018414.D

Acq: 13 Aug 2015 1:33

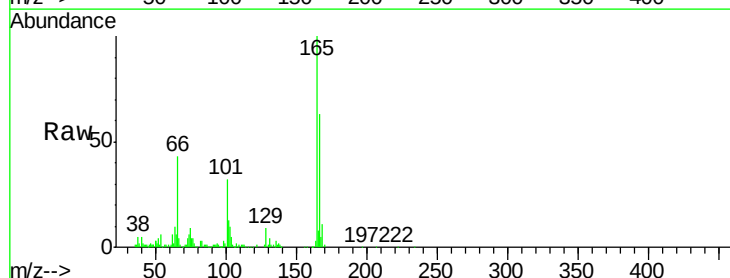
Tgt Ion: 162 Resp: 348

Ion Ratio Lower Upper

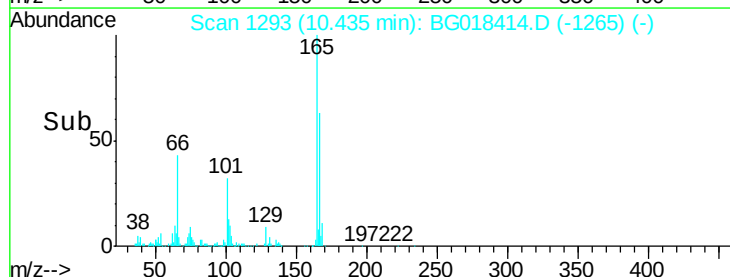
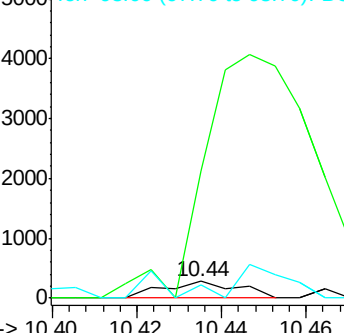
162 100

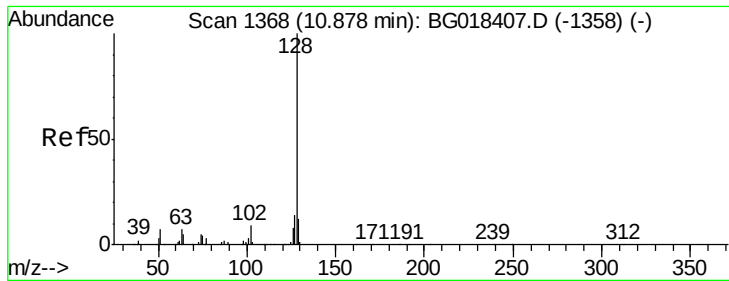
164 773.2 51.7 77.5#

98 80.4 30.4 45.6#



Abundance Ion 162.00 (161.70 to 162.70): BGC
Ion 164.00 (163.70 to 164.70): BGC
Ion 98.00 (97.70 to 98.70): BGC

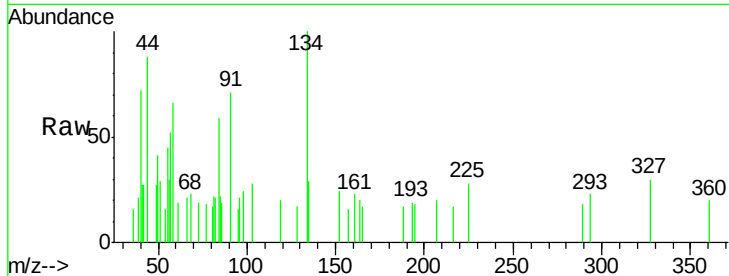




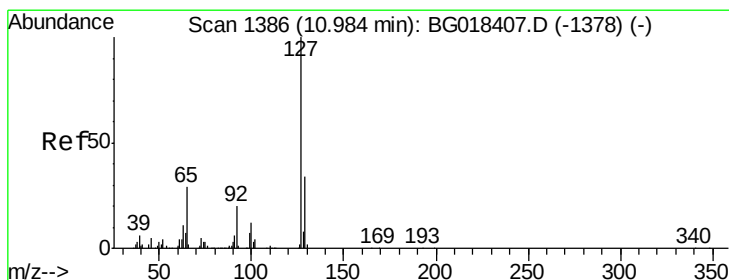
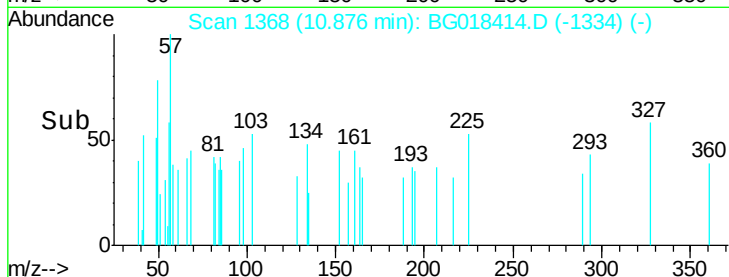
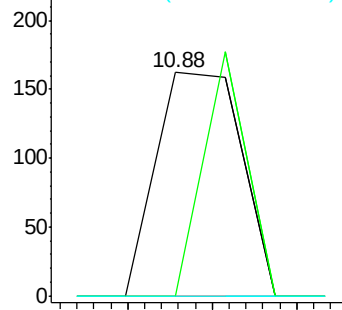
#28
Naphthalene
Concen: 0.01 ng/ul
RT: 10.88 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BG018414.D
Acq: 13 Aug 2015 1:33

Instrument :
BNA_M
ClientSampleId :
MDL-06-S-ML

Tgt Ion:128 Resp: 113
Ion Ratio Lower Upper
128 100
129 0.0 9.6 14.4#
127 0.0 10.5 15.7#

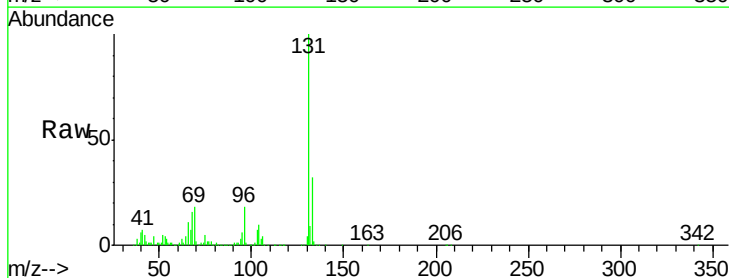


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

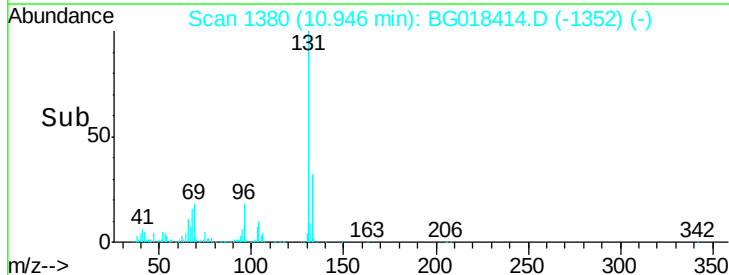
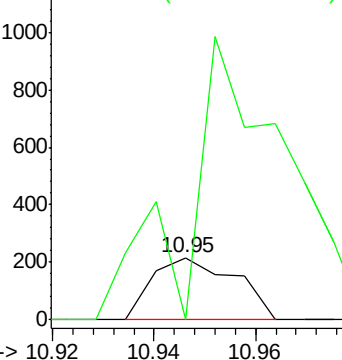


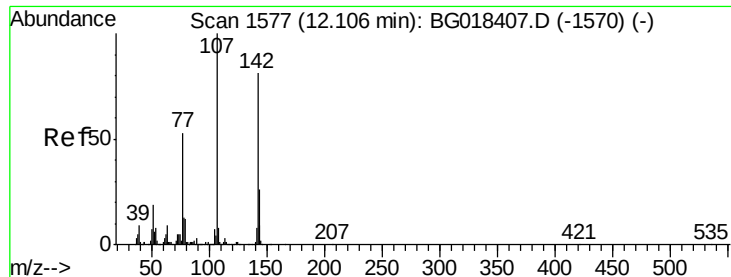
#30
4-Chloroaniline
Concen: 0.03 ng/ul
RT: 10.95 min Scan# 1380
Delta R.T. -0.04 min
Lab File: BG018414.D
Acq: 13 Aug 2015 1:33

Tgt Ion:127 Resp: 245
Ion Ratio Lower Upper
127 100
129 0.0 26.7 40.1#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

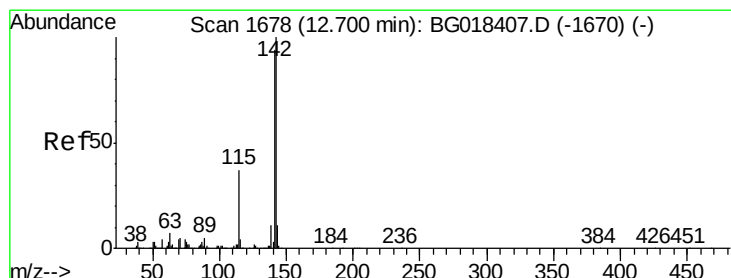
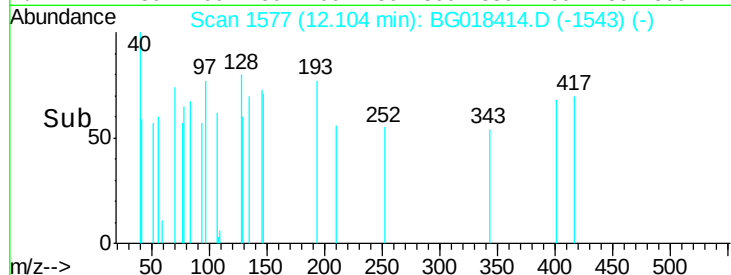
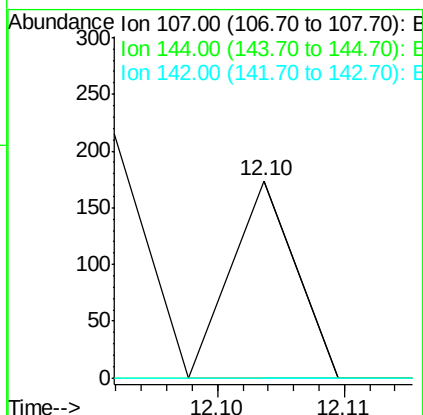
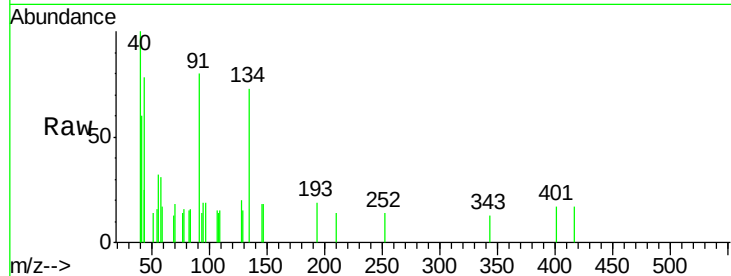




#33
 4-Chloro-3-methylphenol
 Concen: 0.01 ng/ul
 RT: 12.10 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BG018414.D
 Acq: 13 Aug 2015 1:33

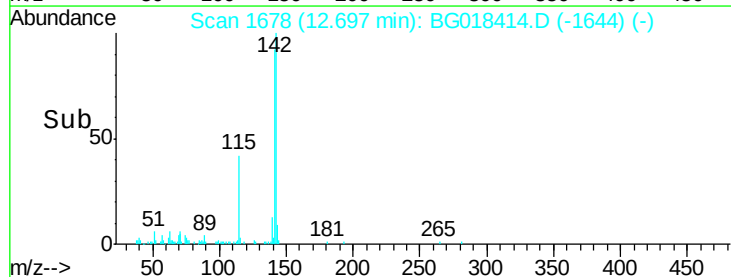
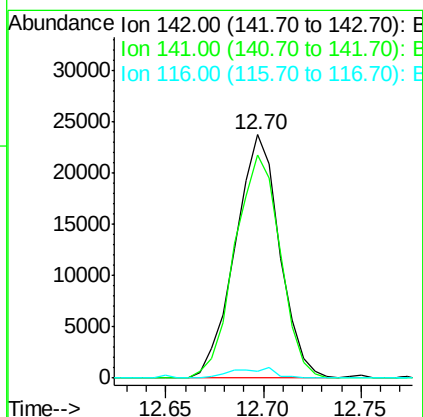
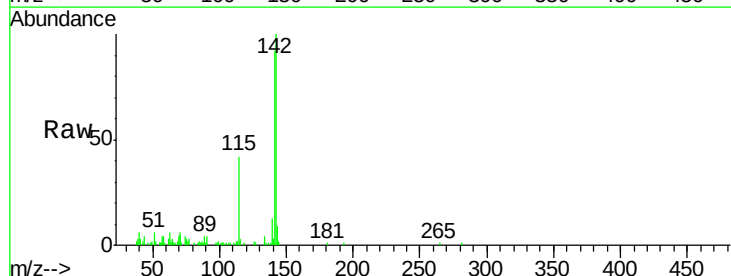
Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S-ML

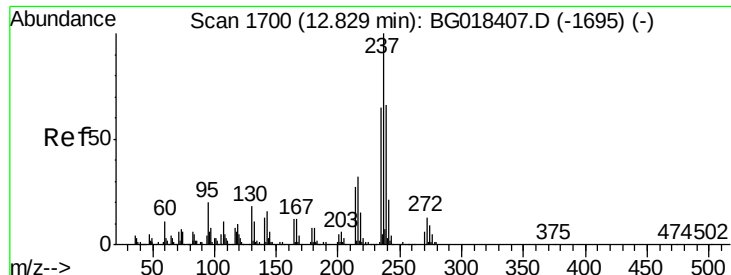
Tgt Ion	Ratio	Lower	Upper
107	100		
144	0.0	21.4	32.2#
142	0.0	66.0	99.0#



#35
 1-Methylnaphthalene
 Concen: 2.49 ng/ul
 RT: 12.70 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BG018414.D
 Acq: 13 Aug 2015 1:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	77.1	115.7
116	2.9	3.5	5.3#

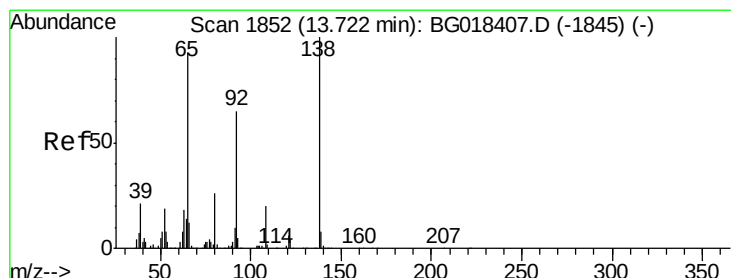
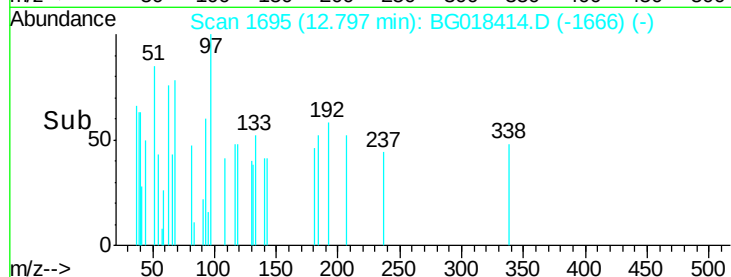
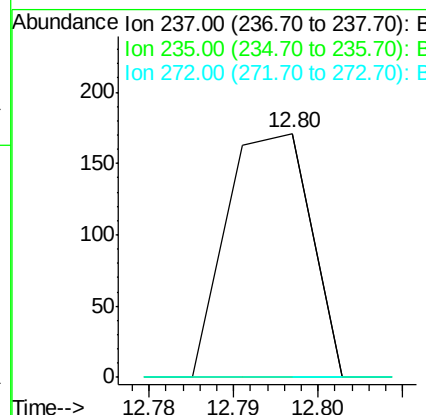
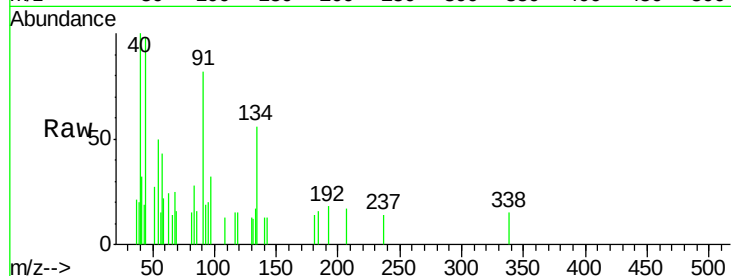




#38
Hexachlorocyclopentadiene
Concen: 0.02 ng/ul
RT: 12.80 min Scan# 1695
Delta R.T. -0.03 min
Lab File: BG018414.D
Acq: 13 Aug 2015 1:33

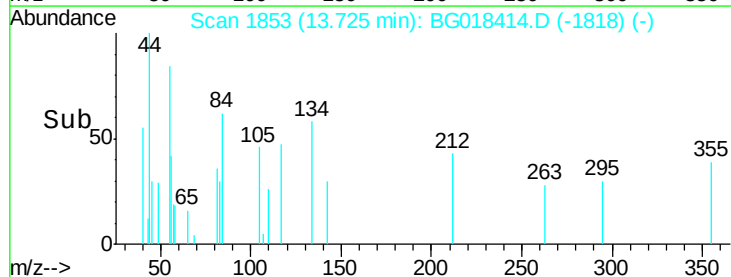
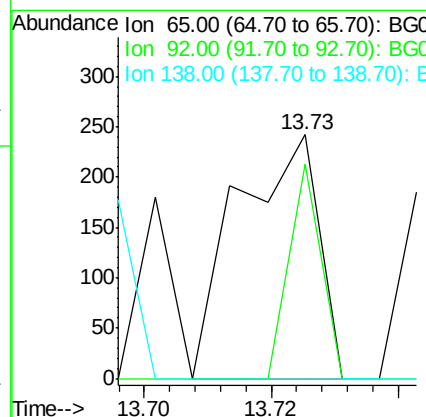
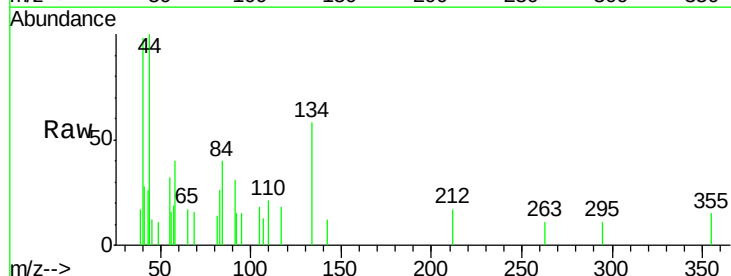
Instrument :
BNA_M
ClientSampleId :
MDL-06-S-ML

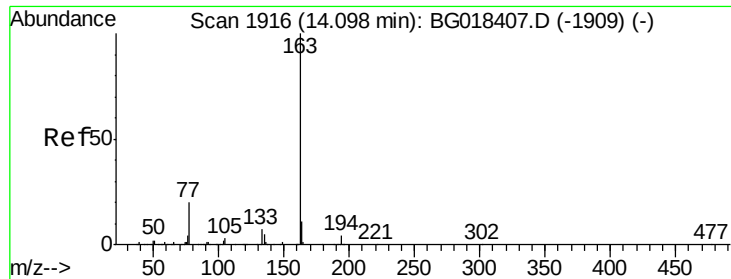
Tgt Ion: 237 Resp: 118
Ion Ratio Lower Upper
237 100
235 0.0 45.6 68.4#
272 0.0 9.0 13.4#



#43
2-Nitroaniline
Concen: 0.04 ng/ul
RT: 13.73 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BG018414.D
Acq: 13 Aug 2015 1:33

Tgt Ion: 65 Resp: 214
Ion Ratio Lower Upper
65 100
92 88.0 51.1 76.7#
138 0.0 75.1 112.7#





#45

Dimethylphthalate

Concen: 0.02 ng/ul

RT: 14.05 min Scan# 1909

Delta R.T. -0.04 min

Lab File: BG018414.D

Acq: 13 Aug 2015 1:33

Instrument :

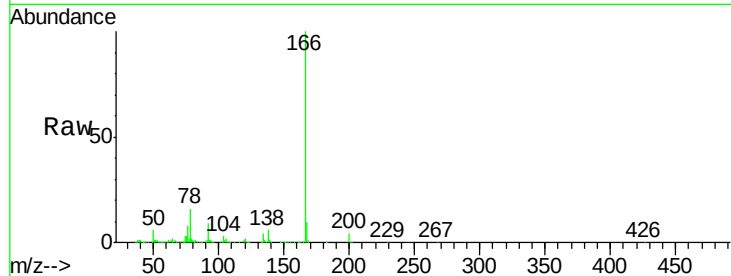
BNA_M

ClientSampleId :

MDL-06-S-ML

Tgt Ion:163 Resp: 340

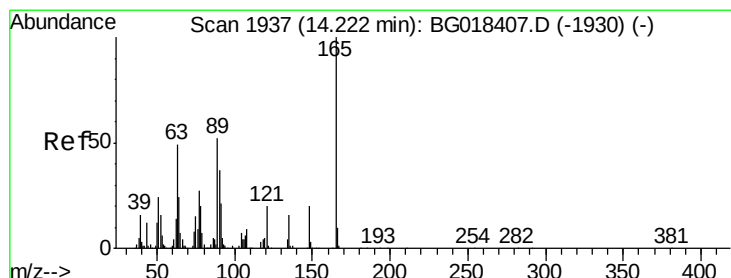
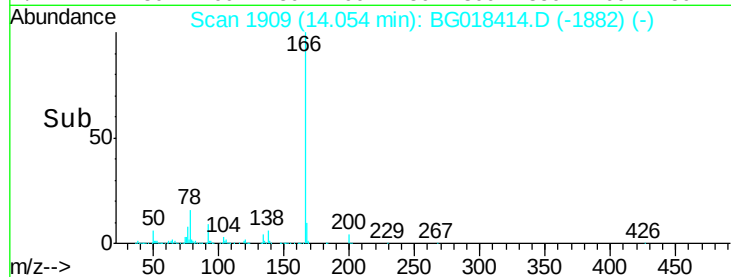
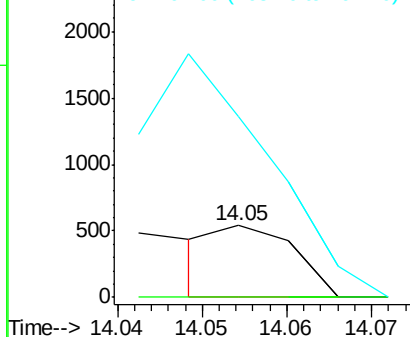
Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.9	4.3#
164	252.5	7.7	11.5#



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: 0.03 ng/ul

RT: 14.22 min Scan# 1937

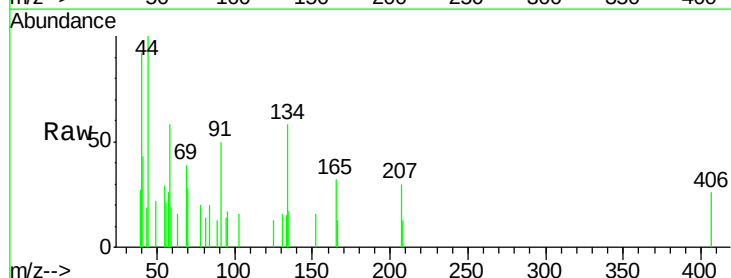
Delta R.T. -0.00 min

Lab File: BG018414.D

Acq: 13 Aug 2015 1:33

Tgt Ion:165 Resp: 137

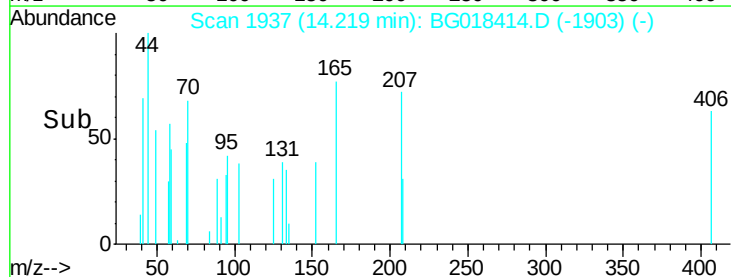
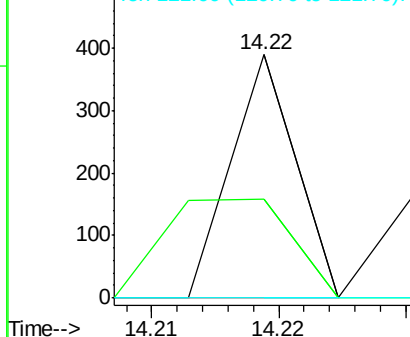
Ion	Ratio	Lower	Upper
165	100		
89	40.8	50.2	75.2#
121	0.0	19.4	29.2#

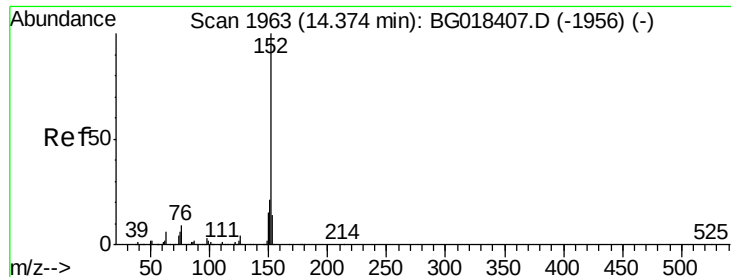


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#48

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.35 min Scan# 1960

Delta R.T. -0.02 min

Lab File: BG018414.D

Acq: 13 Aug 2015 1:33

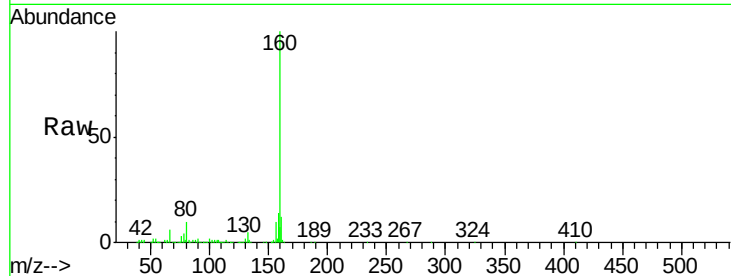
Instrument :

BNA_M

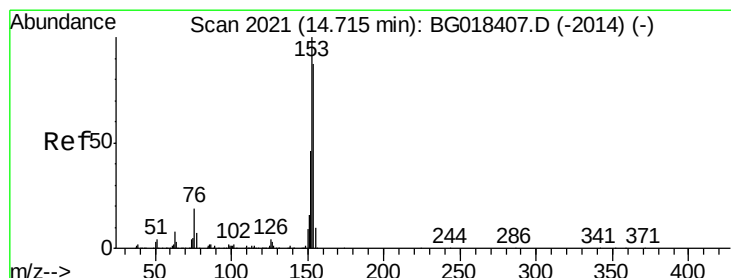
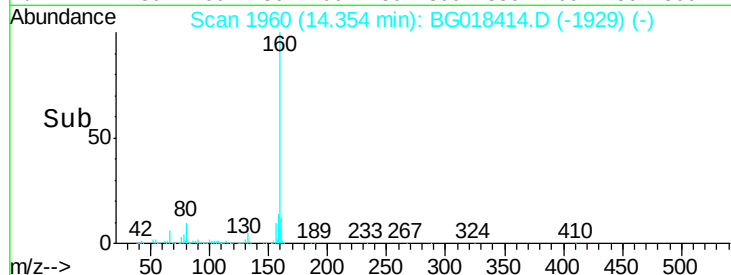
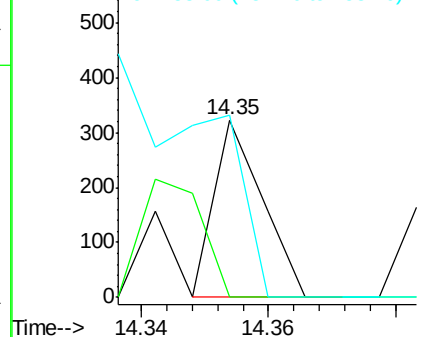
ClientSampleId :

MDL-06-S-ML

Tgt Ion:	152	Resp:	170
Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.4	23.2#
153	102.8	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

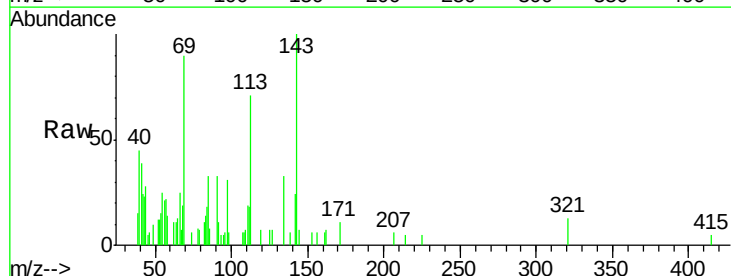
RT: 14.87 min Scan# 2047

Delta R.T. 0.15 min

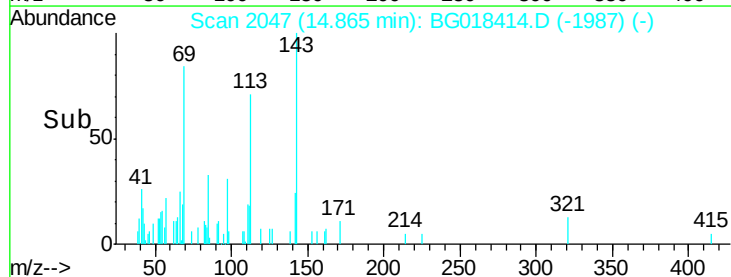
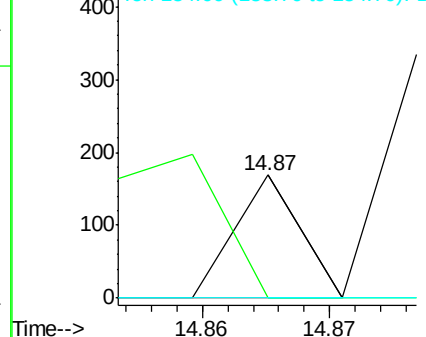
Lab File: BG018414.D

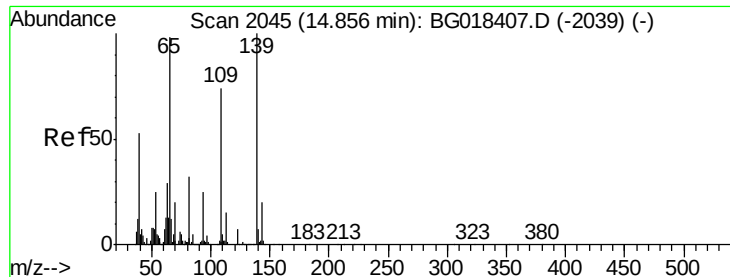
Acq: 13 Aug 2015 1:33

Tgt Ion:	153	Resp:	60
Ion	Ratio	Lower	Upper
153	100		
152	0.0	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: 0.04 ng/ul

RT: 14.85 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BG018414.D

Acq: 13 Aug 2015 1:33

Instrument :

BNA_M

ClientSampleId :

MDL-06-S-ML

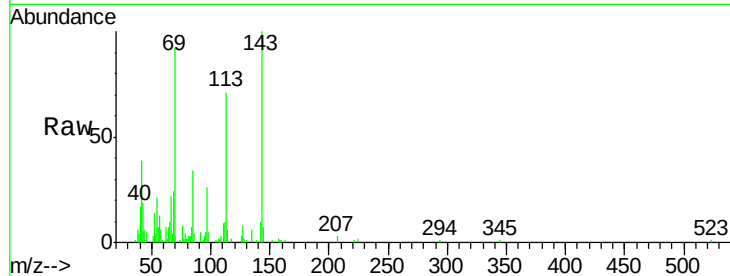
Tgt Ion:109 Resp: 124

Ion Ratio Lower Upper

109 100

139 45.6 111.3 166.9#

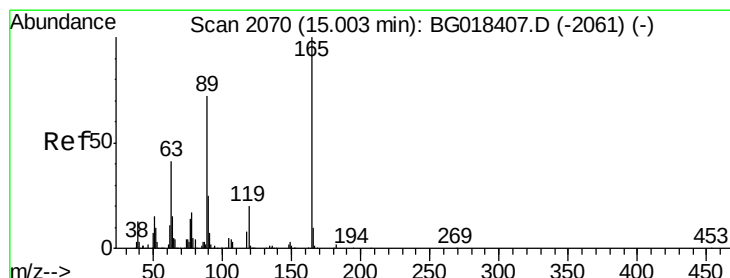
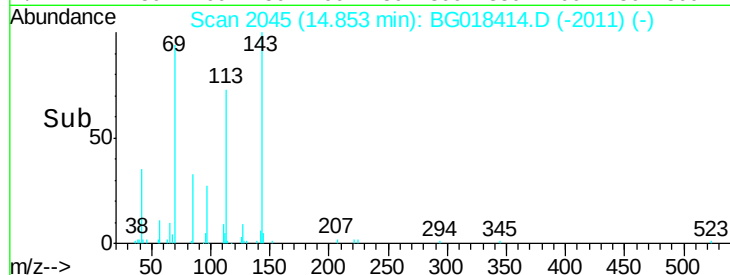
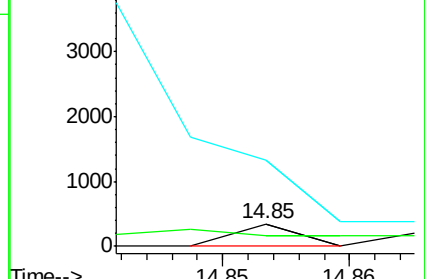
65 376.6 105.3 157.9#



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): BGC



#55

2,4-Dinitrotoluene

Concen: 0.02 ng/ul

RT: 14.92 min Scan# 2057

Delta R.T. -0.08 min

Lab File: BG018414.D

Acq: 13 Aug 2015 1:33

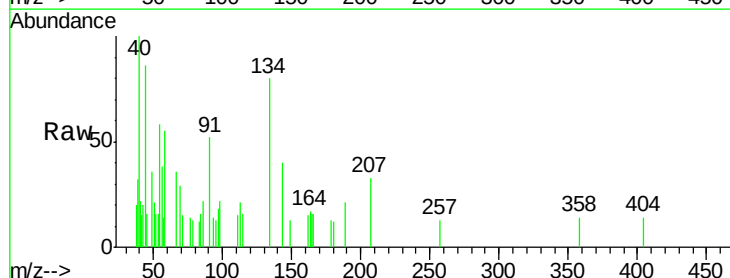
Tgt Ion:165 Resp: 134

Ion Ratio Lower Upper

165 100

63 0.0 36.7 55.1#

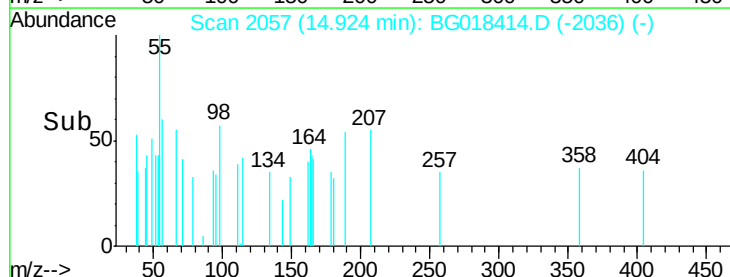
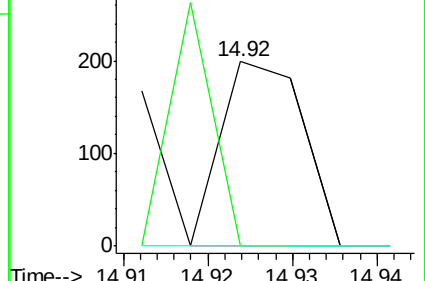
182 0.0 2.2 3.2#

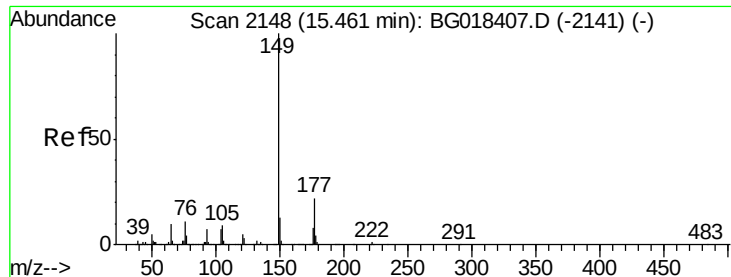


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Diethylphthalate

Concen: 0.03 ng/ul

RT: 15.45 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BG018414.D

Acq: 13 Aug 2015 1:33

Instrument :

BNA_M

ClientSampleId :

MDL-06-S-ML

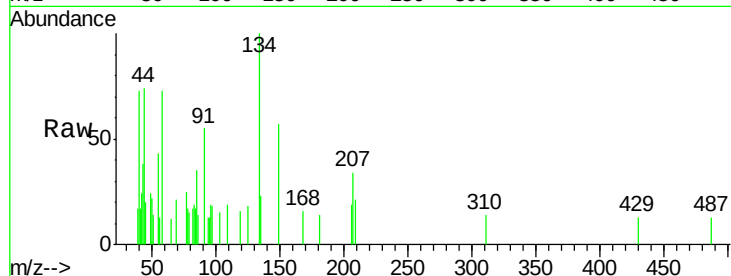
Tgt Ion:149 Resp: 794

Ion Ratio Lower Upper

149 100

177 0.0 18.2 27.4#

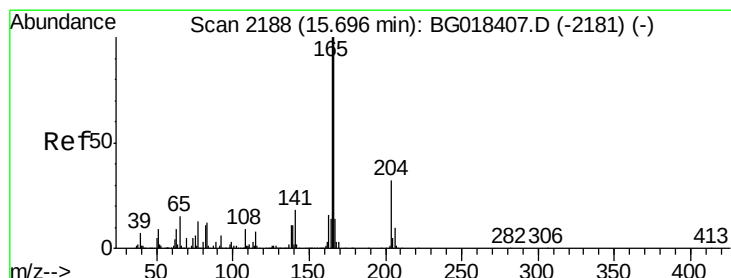
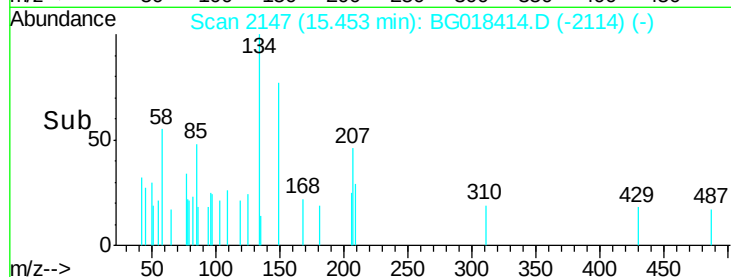
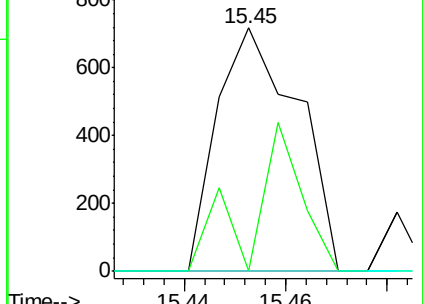
150 0.0 9.7 14.5#



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: 0.07 ng/ul

RT: 15.64 min Scan# 2179

Delta R.T. -0.06 min

Lab File: BG018414.D

Acq: 13 Aug 2015 1:33

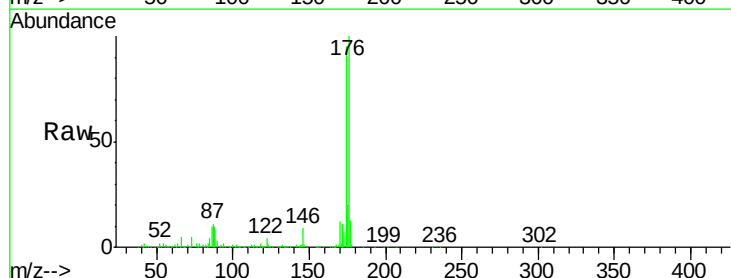
Tgt Ion:166 Resp: 1609

Ion Ratio Lower Upper

166 100

165 18.6 82.6 124.0#

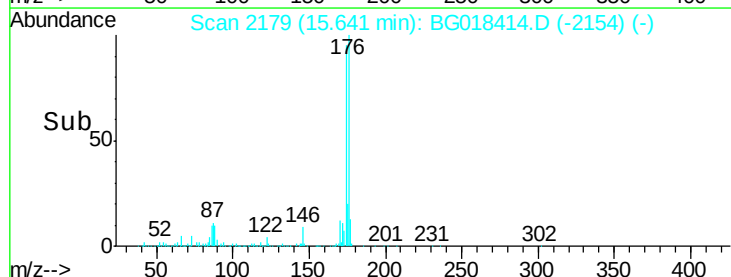
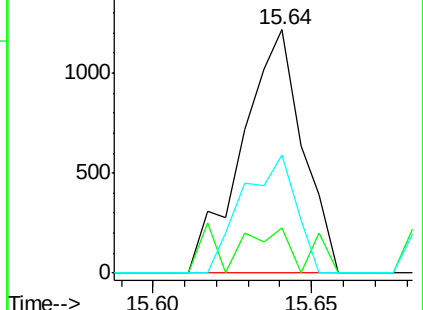
167 48.7 11.4 17.0#

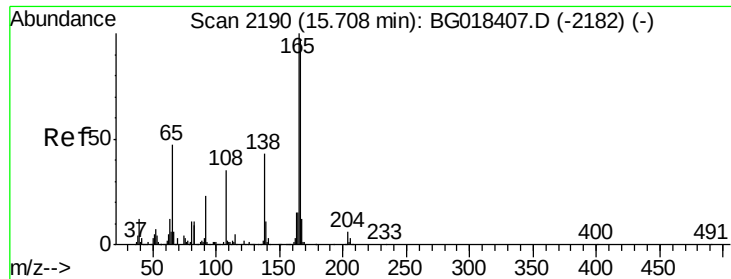


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

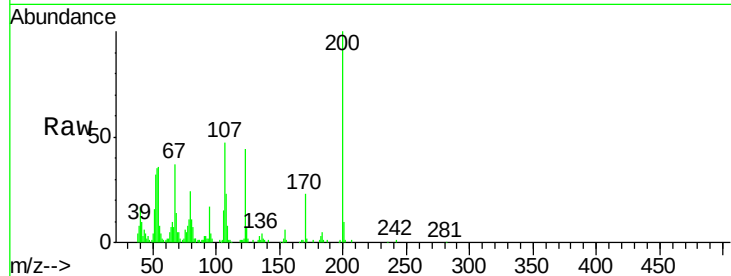




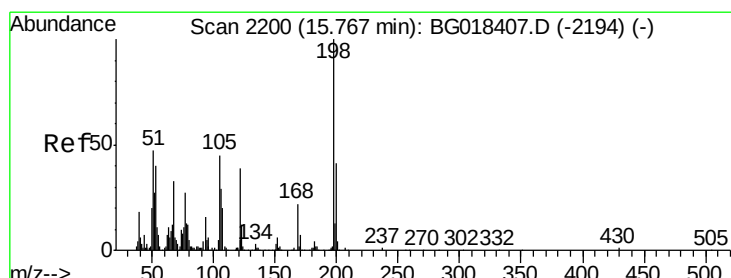
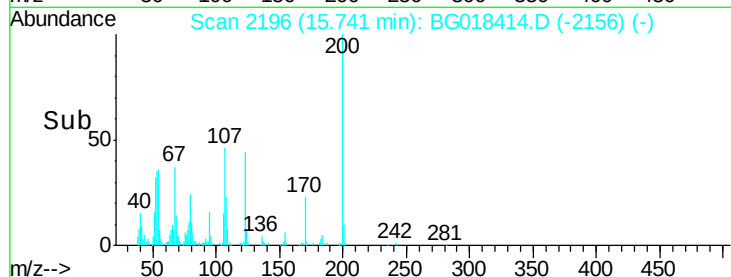
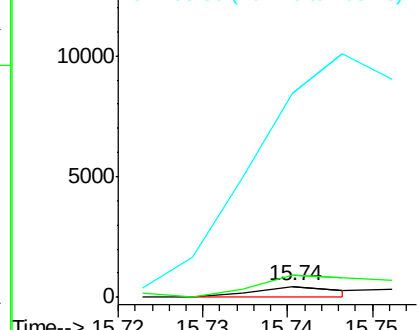
#61
4-Nitroaniline
Concen: 0.06 ng/ul
RT: 15.74 min Scan# 2196
Delta R.T. 0.03 min
Lab File: BG018414.D
Acq: 13 Aug 2015 1:33

Instrument :
BNA_M
ClientSampleId :
MDL-06-S-ML

Tgt Ion:138 Resp: 323
Ion Ratio Lower Upper
138 100
92 197.6 44.0 66.0#
108 1848.3 64.6 97.0#

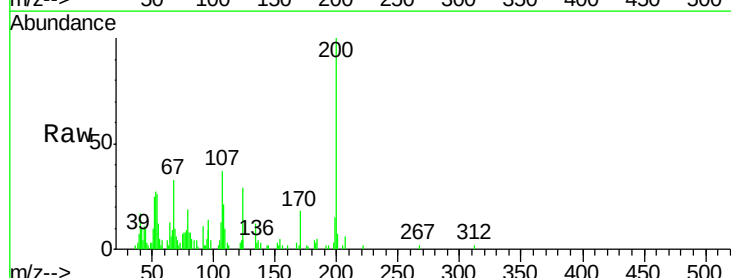


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

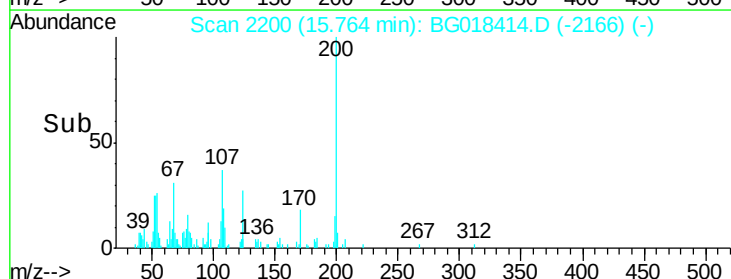
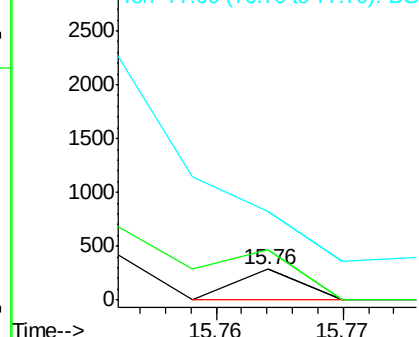


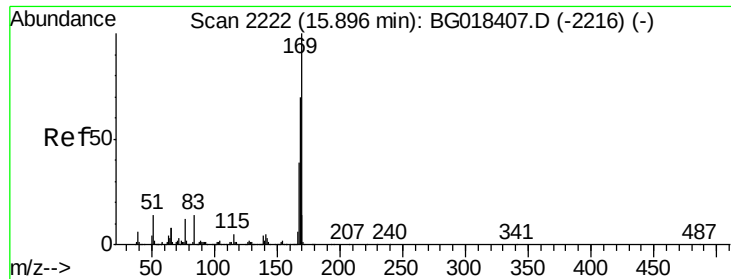
#64
4,6-Dinitro-2-methylphenol
Concen: 0.03 ng/ul
RT: 15.76 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BG018414.D
Acq: 13 Aug 2015 1:33

Tgt Ion:198 Resp: 101
Ion Ratio Lower Upper
198 100
182 162.6 3.4 5.0#
77 286.0 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: 0.03 ng/ul

RT: 15.75 min Scan# 2198

Delta R.T. -0.14 min

Lab File: BG018414.D

Acq: 13 Aug 2015 1:33

Instrument :

BNA_M

ClientSampleId :

MDL-06-S-ML

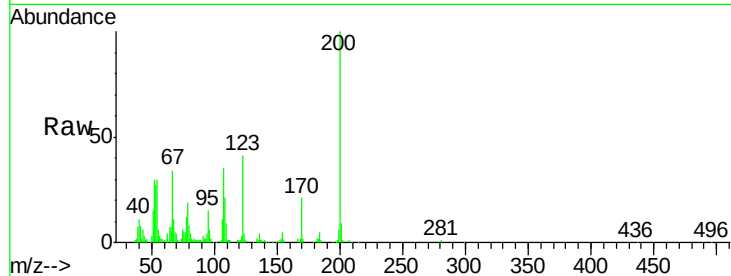
Tgt Ion:169 Resp: 635

Ion Ratio Lower Upper

169 100

168 25.5 60.2 90.2#

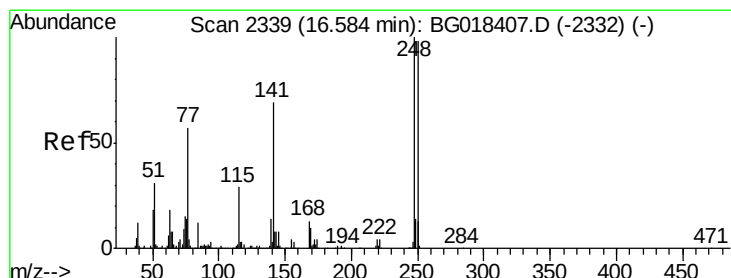
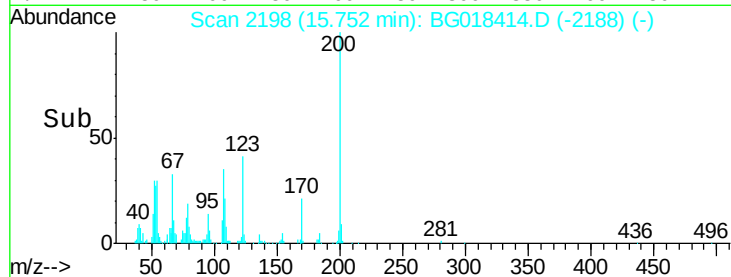
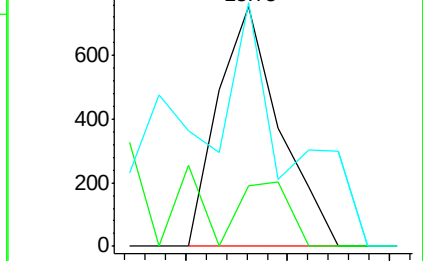
167 101.7 33.4 50.2#



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



#66

4-Bromophenyl-phenylether

Concen: 0.02 ng/ul

RT: 16.62 min Scan# 2346

Delta R.T. 0.04 min

Lab File: BG018414.D

Acq: 13 Aug 2015 1:33

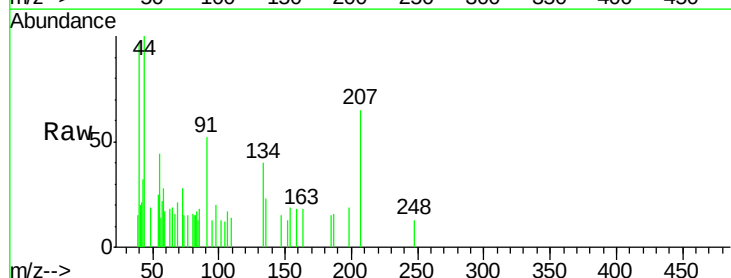
Tgt Ion:248 Resp: 110

Ion Ratio Lower Upper

248 100

250 0.0 76.4 114.6#

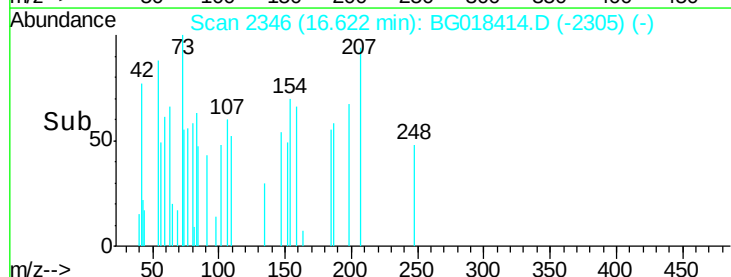
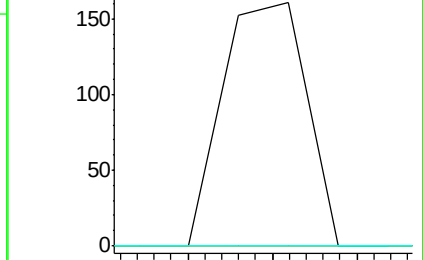
141 0.0 58.6 87.8#

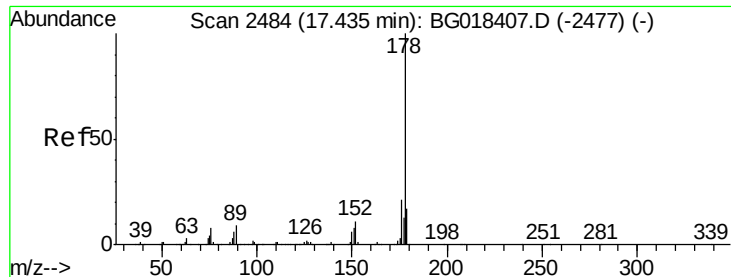


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 0.01 ng/ul

RT: 17.40 min Scan# 2478

Delta R.T. -0.04 min

Lab File: BG018414.D

Acq: 13 Aug 2015 1:33

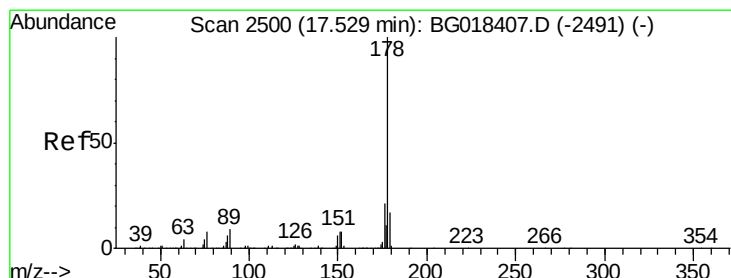
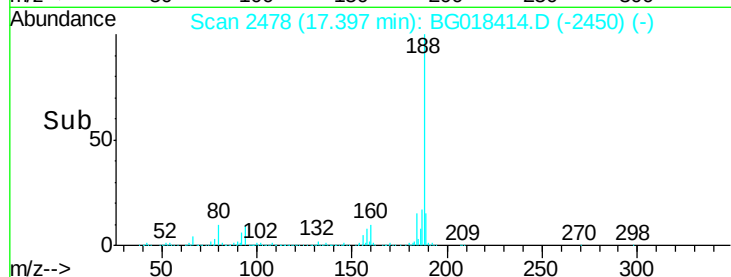
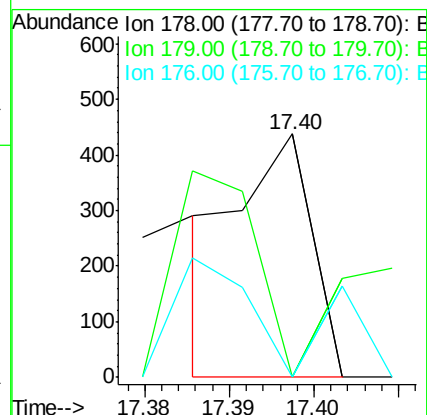
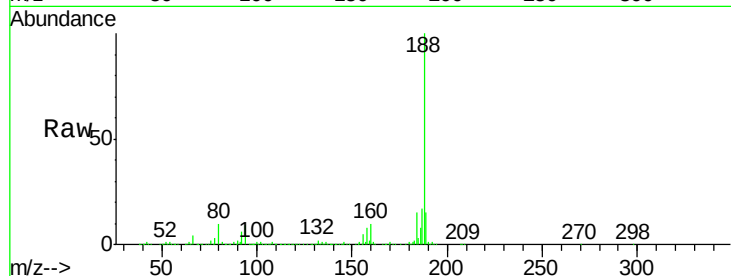
Instrument :

BNA_M

ClientSampleId :

MDL-06-S-ML

Tgt Ion:	178	Resp:	260
Ion	Ratio	Lower	Upper
178	100		
179	0.0	13.7	20.5#
176	0.0	16.6	24.8#



#72

Anthracene

Concen: 0.00 ng/ul

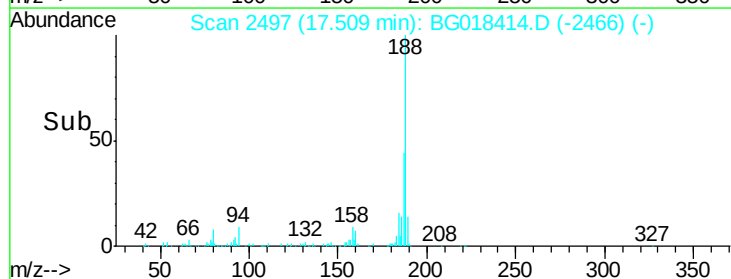
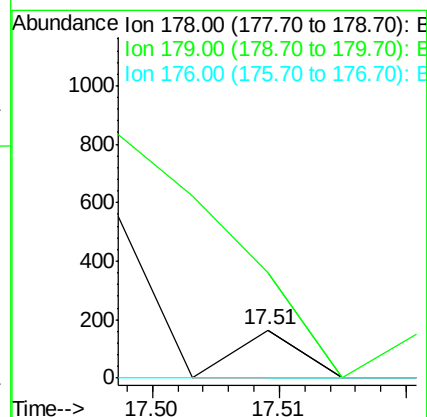
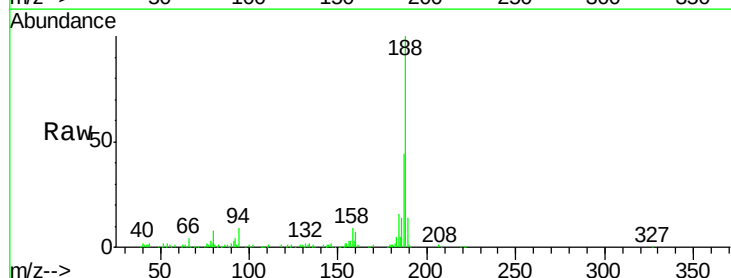
RT: 17.51 min Scan# 2497

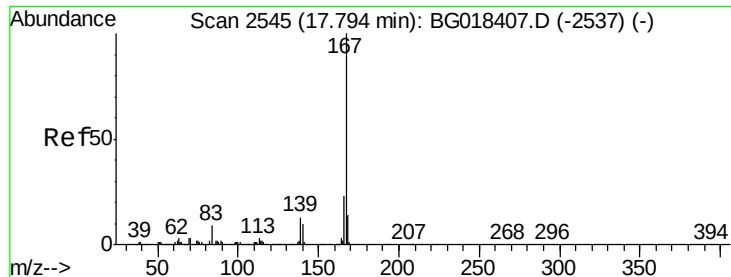
Delta R.T. -0.02 min

Lab File: BG018414.D

Acq: 13 Aug 2015 1:33

Tgt Ion:	178	Resp:	58
Ion	Ratio	Lower	Upper
178	100		
179	220.1	13.0	19.4#
176	0.0	16.0	24.0#





#75

Carbazole

Concen: 0.00 ng/ul

RT: 17.79 min Scan# 2544

Delta R.T. -0.01 min

Lab File: BG018414.D

Acq: 13 Aug 2015 1:33

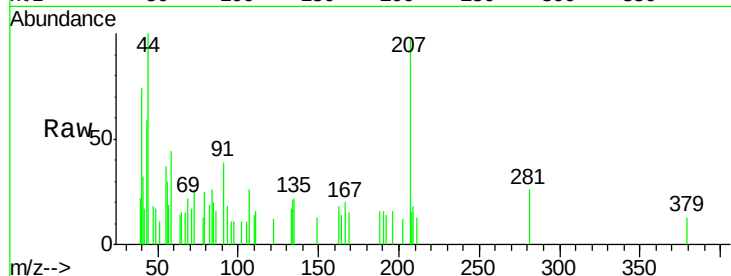
Instrument :

BNA_M

ClientSampleId :

MDL-06-S-ML

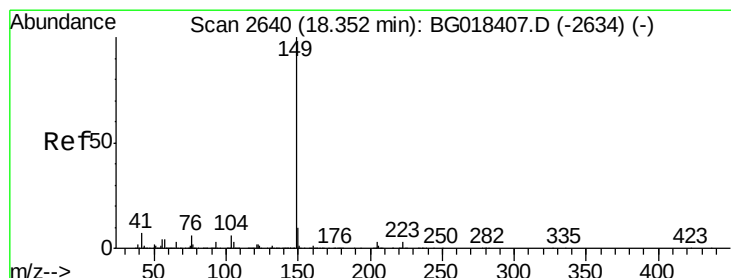
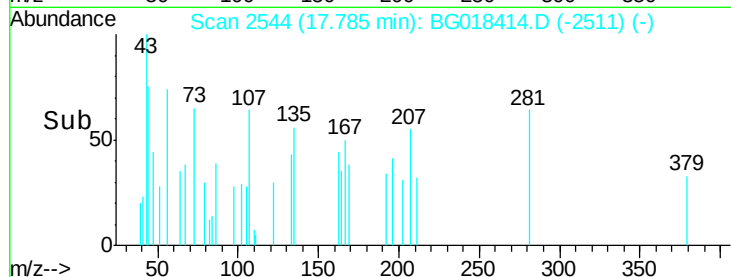
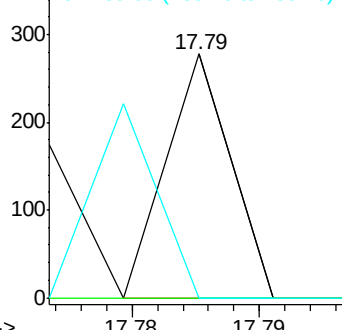
Tgt Ion	Ratio	Lower	Upper
167	100		
166	0.0	18.9	28.3#
139	0.0	10.1	15.1#



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: 0.03 ng/ul

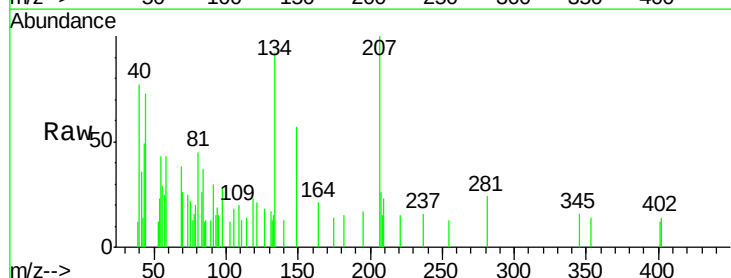
RT: 18.36 min Scan# 2641

Delta R.T. 0.00 min

Lab File: BG018414.D

Acq: 13 Aug 2015 1:33

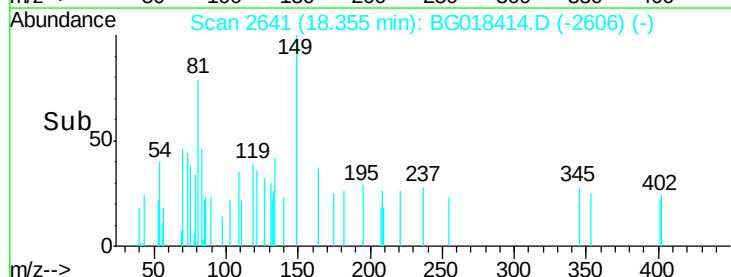
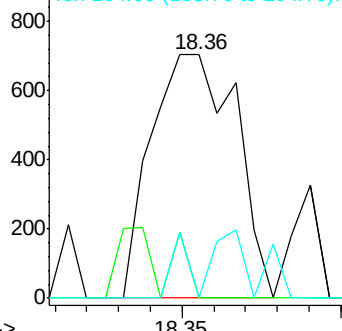
Tgt Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.5	11.3#
104	0.0	4.3	6.5#

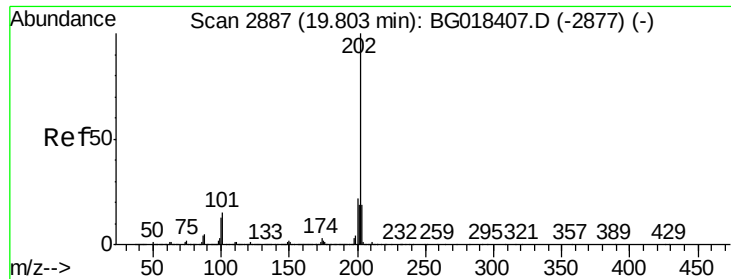


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#80

Pyrene

Concen: 0.04 ng/ul

RT: 19.78 min Scan# 2883

Delta R.T. -0.03 min

Lab File: BG018414.D

Acq: 13 Aug 2015 1:33

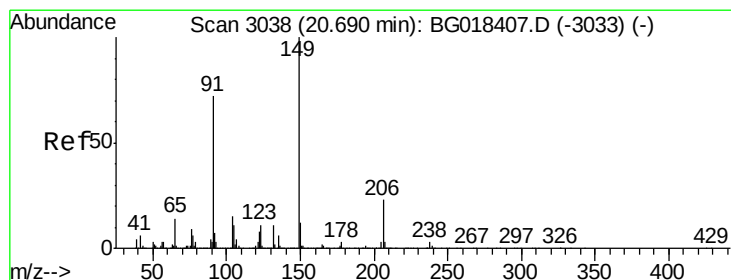
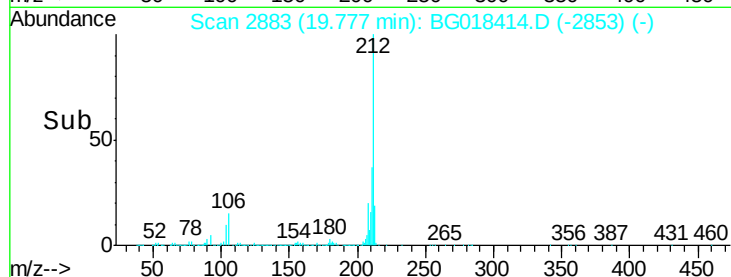
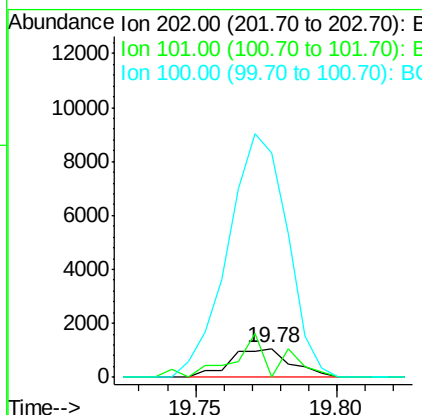
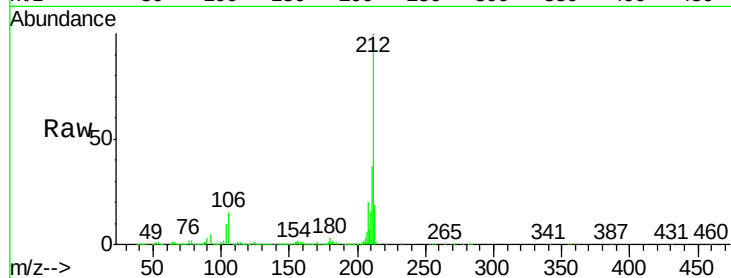
Instrument :

BNA_M

ClientSampleId :

MDL-06-S-ML

Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	11.0	16.4#
100	786.8	9.8	14.6#



#81

Butylbenzylphthalate

Concen: 0.02 ng/ul

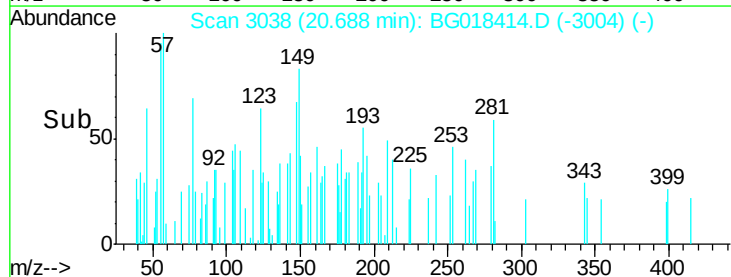
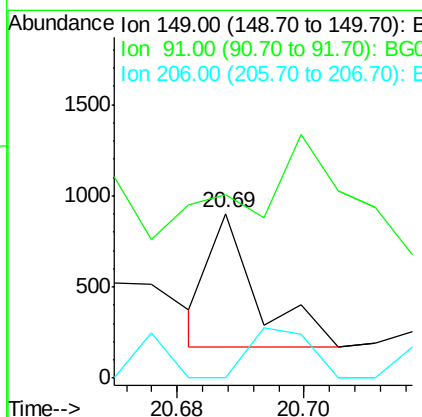
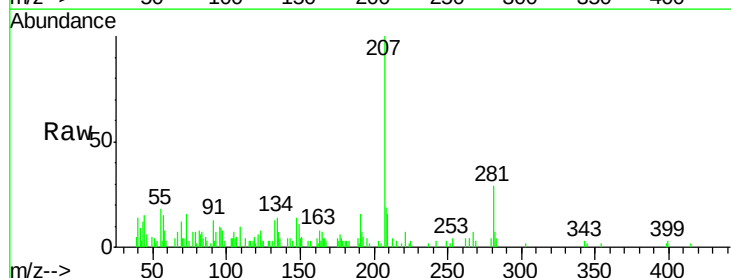
RT: 20.69 min Scan# 3038

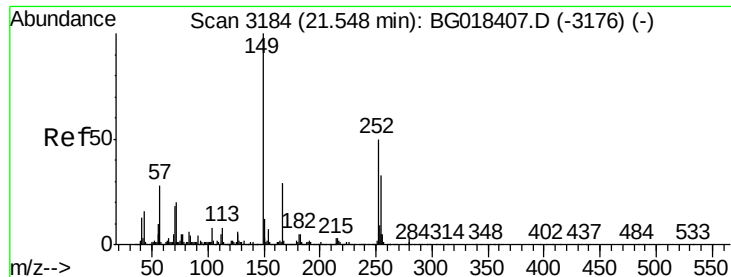
Delta R.T. -0.00 min

Lab File: BG018414.D

Acq: 13 Aug 2015 1:33

Tgt Ion	Ratio	Lower	Upper
149	100		
91	111.7	57.9	86.9#
206	0.0	17.9	26.9#

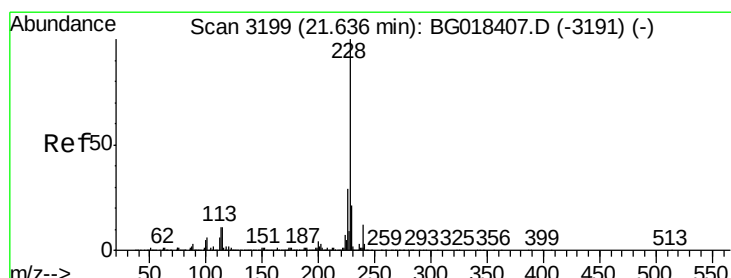
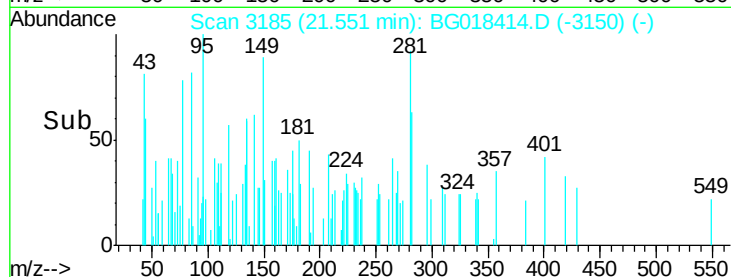
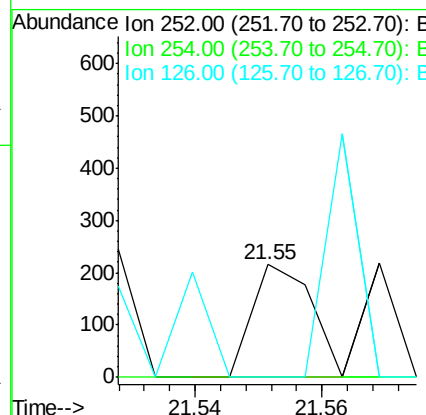
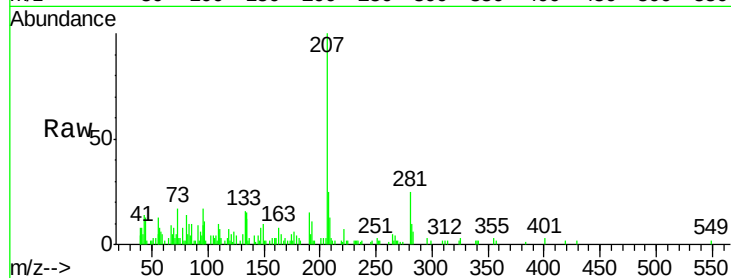




#82
 3,3'-Dichlorobenzidine
 Concen: 0.01 ng/ul
 RT: 21.55 min Scan# 3185
 Delta R.T. 0.00 min
 Lab File: BG018414.D
 Acq: 13 Aug 2015 1:33

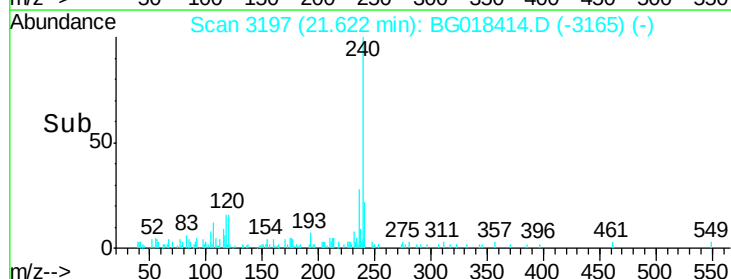
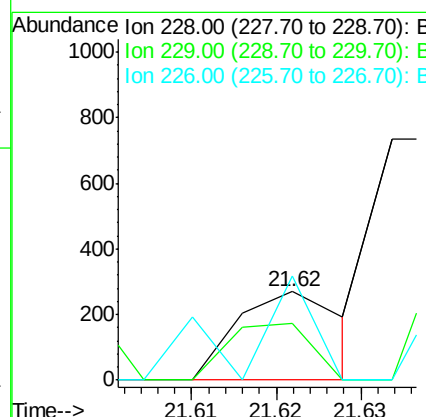
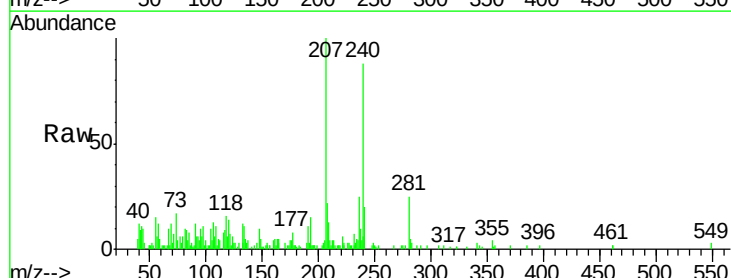
Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S-ML

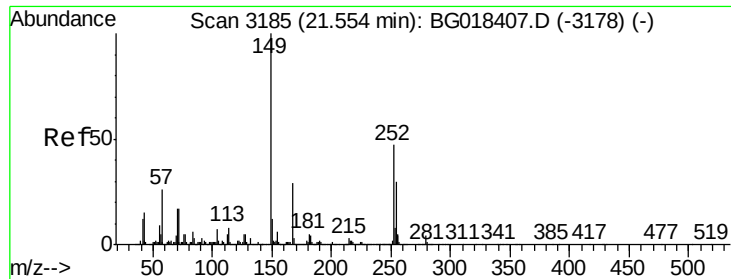
Tgt Ion: 252 Resp: 139
 Ion Ratio Lower Upper
 252 100
 254 0.0 50.9 76.3#
 126 0.0 9.6 14.4#



#83
 Benzo(a)anthracene
 Concen: 0.01 ng/ul
 RT: 21.62 min Scan# 3197
 Delta R.T. -0.01 min
 Lab File: BG018414.D
 Acq: 13 Aug 2015 1:33

Tgt Ion: 228 Resp: 234
 Ion Ratio Lower Upper
 228 100
 229 65.1 15.5 23.3#
 226 118.6 22.1 33.1#





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.07 ng/ul

RT: 21.54 min Scan# 3183

Delta R.T. -0.01 min

Lab File: BG018414.D

Acq: 13 Aug 2015 1:33

Instrument :

BNA_M

ClientSampleId :

MDL-06-S-ML

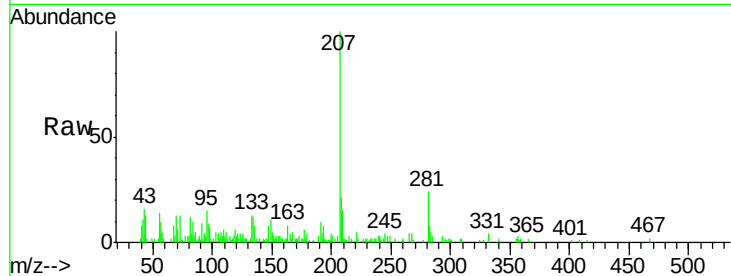
Tgt Ion:149 Resp: 1802

Ion Ratio Lower Upper

149 100

167 47.2 22.2 33.2#

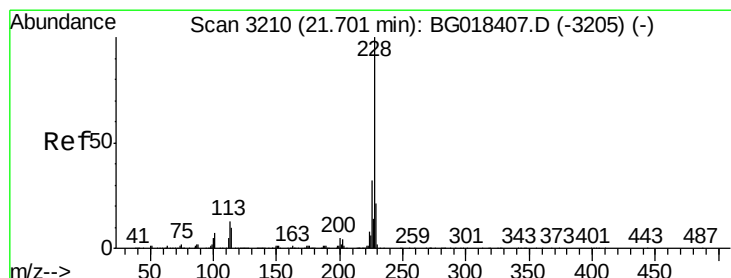
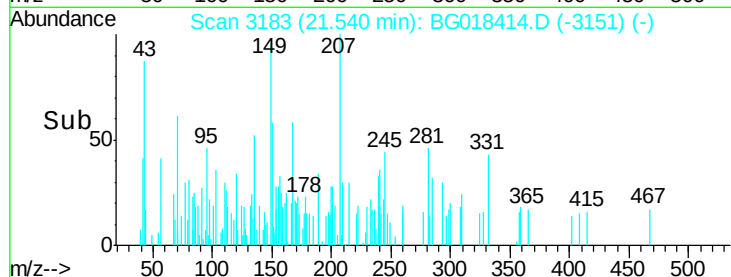
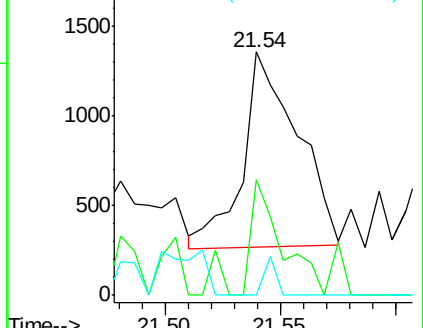
279 0.0 2.8 4.2#



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: 0.01 ng/ul

RT: 21.70 min Scan# 3211

Delta R.T. 0.00 min

Lab File: BG018414.D

Acq: 13 Aug 2015 1:33

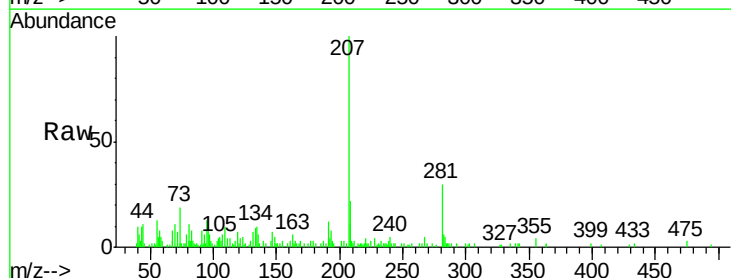
Tgt Ion:228 Resp: 256

Ion Ratio Lower Upper

228 100

226 0.0 26.5 39.7#

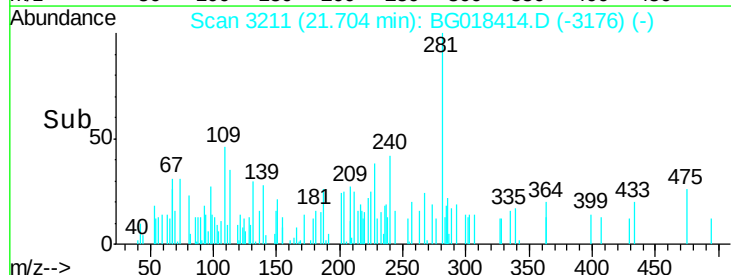
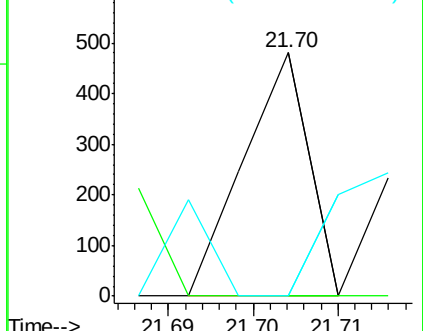
229 0.0 16.9 25.3#

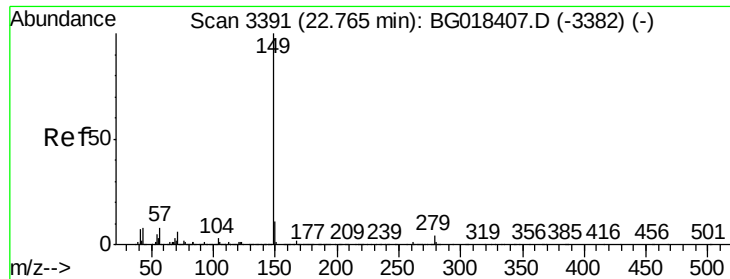


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

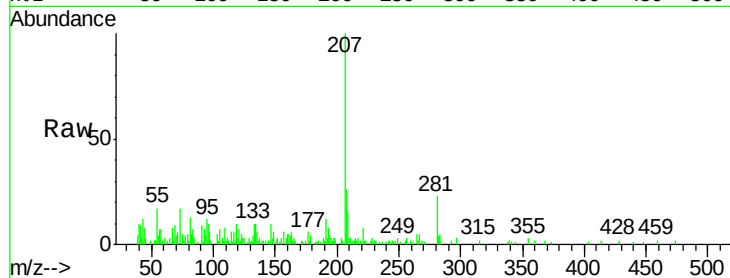




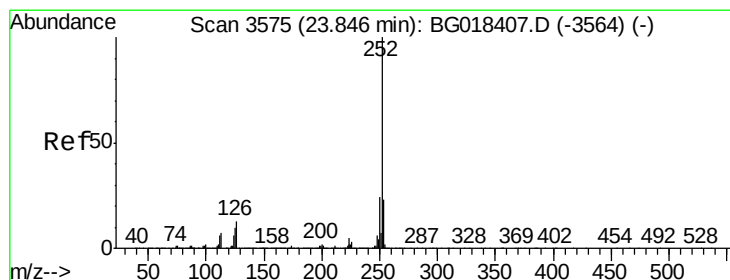
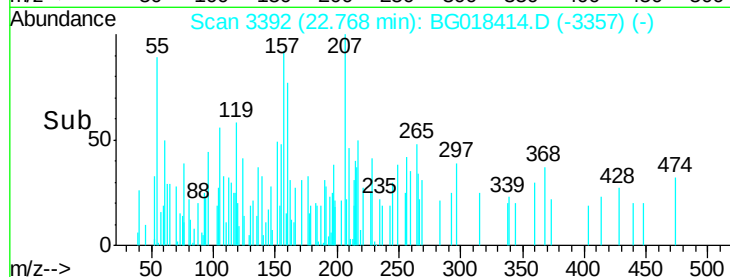
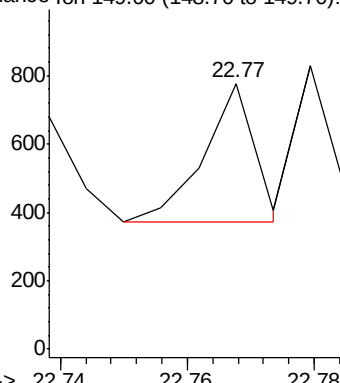
#87
Di-n-octyl phthalate
Concen: 0.01 ng/ul
RT: 22.77 min Scan# 3392
Delta R.T. 0.00 min
Lab File: BG018414.D
Acq: 13 Aug 2015 1:33

Instrument :
BNA_M
ClientSampleId :
MDL-06-S-ML

Tgt Ion:149 Resp: 223

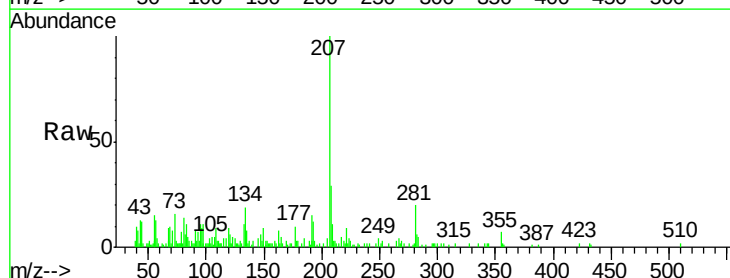


Abundance Ion 149.00 (148.70 to 149.70): E

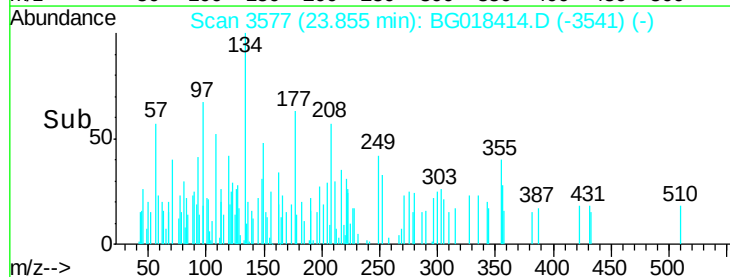
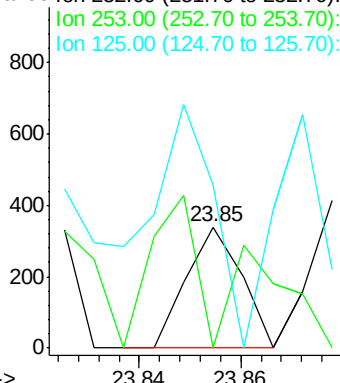


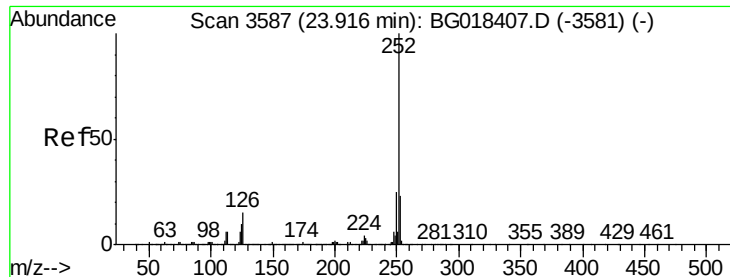
#88
Benzo(b)fluoranthene
Concen: 0.01 ng/ul
RT: 23.85 min Scan# 3577
Delta R.T. 0.01 min
Lab File: BG018414.D
Acq: 13 Aug 2015 1:33

Tgt Ion:252 Resp: 255
Ion Ratio Lower Upper
252 100
253 0.0 18.1 27.1#
125 134.4 8.3 12.5#



Abundance Ion 252.00 (251.70 to 252.70): E





#89

Benzo(k)fluoranthene

Concen: 0.01 ng/ul

RT: 23.90 min Scan# 3584

Delta R.T. -0.02 min

Lab File: BG018414.D

Acq: 13 Aug 2015 1:33

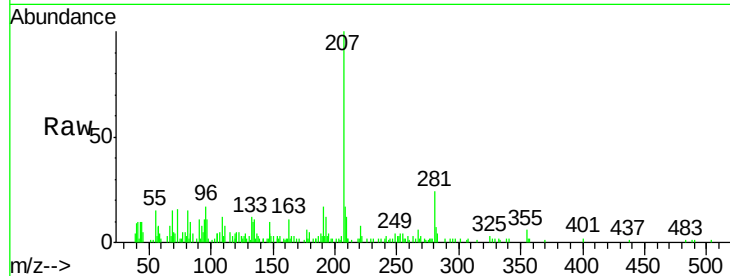
Instrument :

BNA_M

ClientSampleId :

MDL-06-S-ML

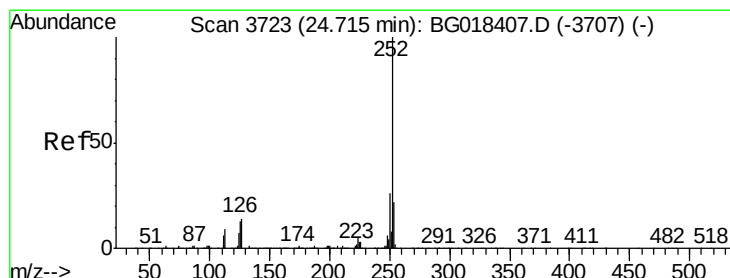
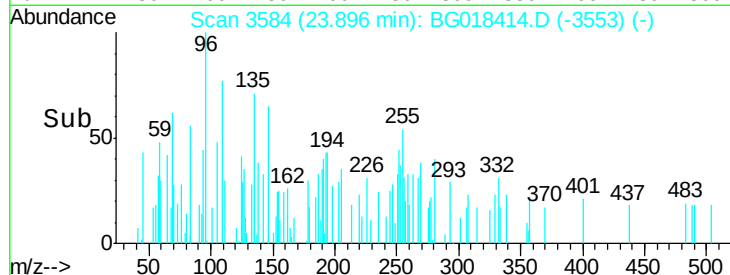
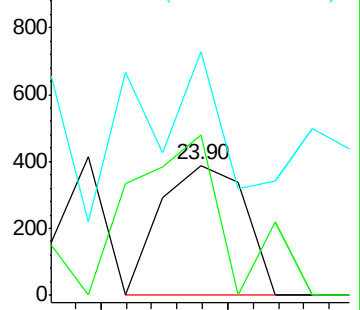
Tgt Ion:	252	Resp:	360
Ion Ratio	Lower	Upper	
252	100		
253	123.1	17.8	26.6#
125	187.1	9.0	13.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 0.00 ng/ul

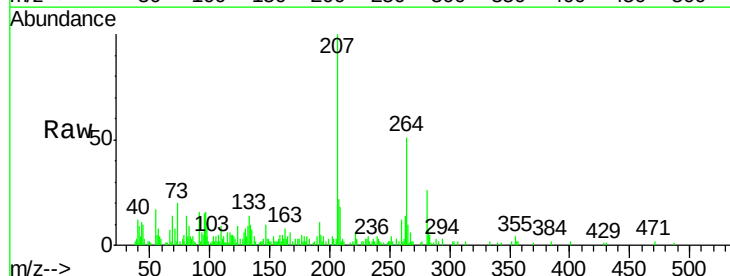
RT: 24.69 min Scan# 3719

Delta R.T. -0.03 min

Lab File: BG018414.D

Acq: 13 Aug 2015 1:33

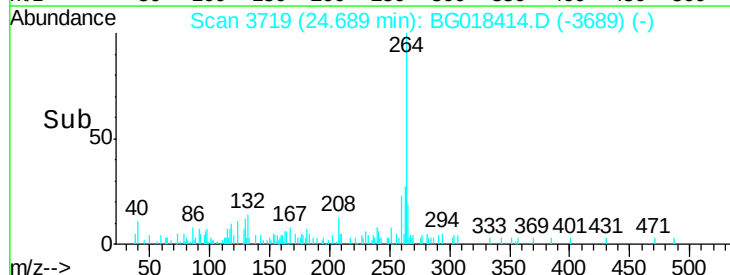
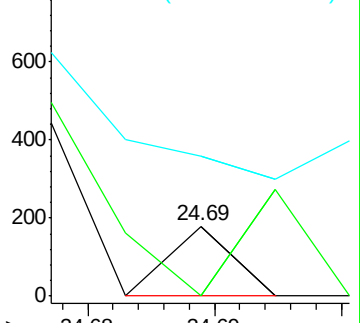
Tgt Ion:	252	Resp:	63
Ion Ratio	Lower	Upper	
252	100		
253	0.0	17.7	26.5#
125	202.2	10.2	15.2#

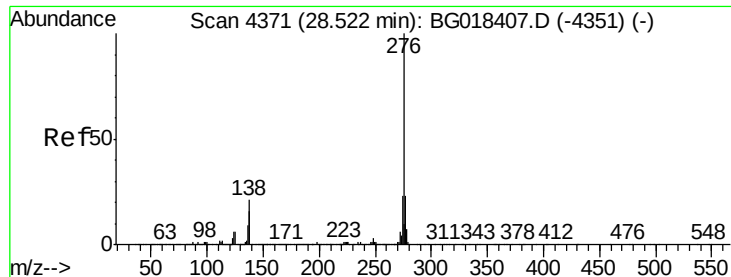


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 28.54 min Scan# 4375

Delta R.T. 0.02 min

Lab File: BG018414.D

Acq: 13 Aug 2015 1:33

Instrument :

BNA_M

ClientSampleId :

MDL-06-S-ML

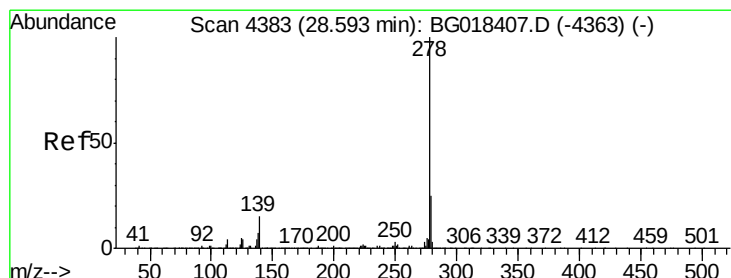
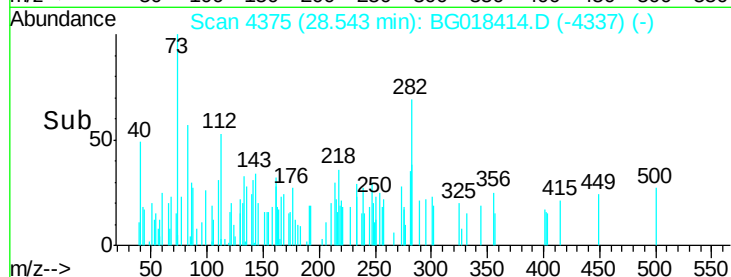
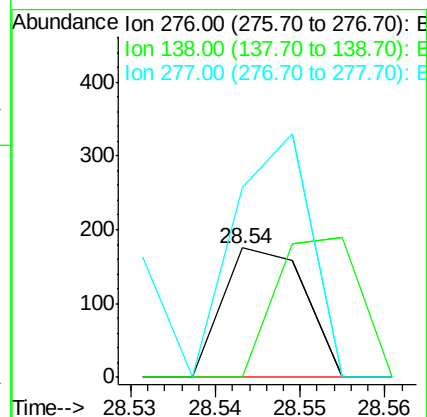
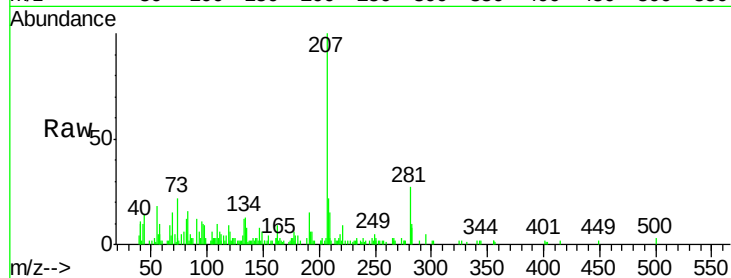
Tgt Ion:276 Resp: 118

Ion Ratio Lower Upper

276 100

138 0.0 15.8 23.6#

277 146.9 18.9 28.3#



#93

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 28.50 min Scan# 4367

Delta R.T. -0.10 min

Lab File: BG018414.D

Acq: 13 Aug 2015 1:33

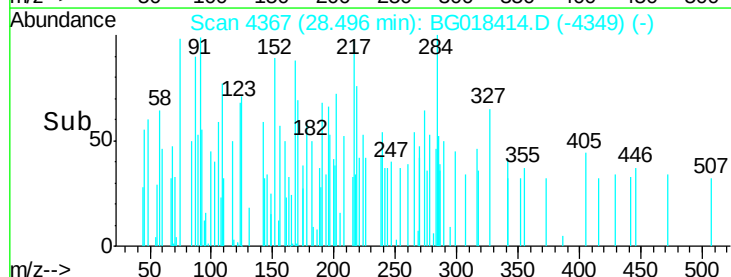
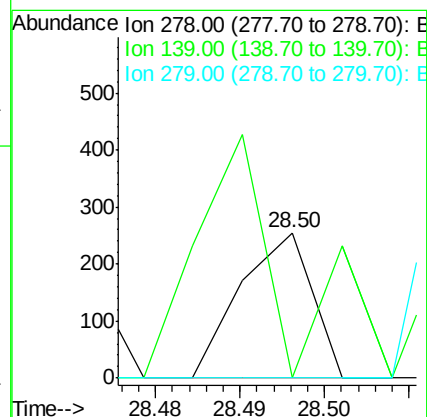
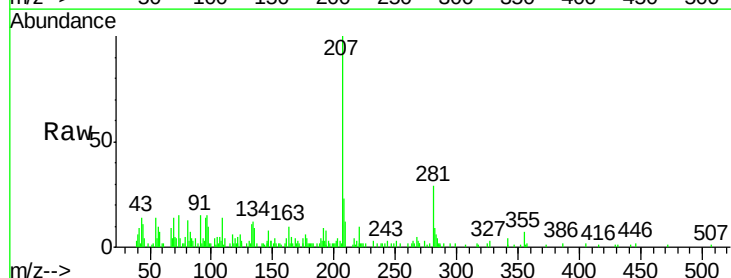
Tgt Ion:278 Resp: 150

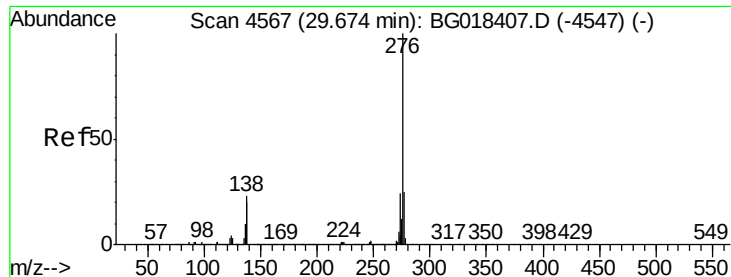
Ion Ratio Lower Upper

278 100

139 0.0 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# 4563

Delta R.T. -0.03 min

Lab File: BG018414.D

Acq: 13 Aug 2015 1:33

Instrument :

BNA_M

ClientSampleId :

MDL-06-S-ML

Tgt Ion: 276 Resp: 142

Ion Ratio Lower Upper

276 100

138 228.3 16.5 24.7#

277 0.0 19.0 28.6#

