

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081215\
 Data File : BG018411.D
 Acq On : 12 Aug 2015 23:39
 Operator : UM/MA
 Sample : MDL-03-S-ML
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-03-S-ML

Quant Time: Aug 13 04:13:22 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	80128	20.00	ng/ul	0.00
18) Naphthalene-d8	10.83	136	360971	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.65	164	259044	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	683675	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	697298	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	702582	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	9325	5.14	ng/uL	0.00
5) Phenol-d5	7.18	99	195280	26.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	127635	28.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	154691	27.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	166698	27.28	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	86187	30.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	89347	31.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	169099	27.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	246301	35.83	ng/ul	0.00
44) Dimethylphthalate-d6	14.05	166	656309	30.11	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	787039	28.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	123721	31.56	ng/ul	0.00
58) Fluorene-d10	15.64	176	566724	29.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	80986	24.08	ng/ul	0.00
71) Anthracene-d10	17.49	188	954121	29.18	ng/ul	0.00
79) Pyrene-d10	19.77	212	1065443	29.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.64	264	1092927	29.30	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	270	0.14	ng/uL#	1
4) Benzaldehyde	7.18	77	453	0.11	ng/ul#	33
6) Phenol	7.21	94	57	0.01	ng/ul#	1
8) Bis(2-Chloroethyl)ether	7.43	93	368	0.06	ng/ul#	37
10) 2-Chlorophenol	7.58	128	54	0.01	ng/ul#	1
11) 2-Methylphenol	8.33	108	98	0.02	ng/ul#	77
12) 2,2'-oxybis(1-Chloropropan	8.49	45	70	0.01	ng/ul#	1
14) Acetophenone	8.84	105	70	0.01	ng/ul#	1
15) N-Nitroso-di-n-propylamine	8.82	70	134	0.03	ng/ul#	58
16) 4-Methylphenol	8.62	108	118	0.02	ng/ul	93
17) Hexachloroethane	9.12	117	144	0.06	ng/ul#	10
20) Nitrobenzene	9.23	77	142	0.02	ng/ul#	42
21) Isophorone	9.74	82	128	0.01	ng/ul#	1
24) 2,4-Dimethylphenol	10.06	107	134	0.02	ng/ul#	16
25) Bis(2-Chloroethoxy)methane	10.23	93	127	0.01	ng/ul#	52
27) 2,4-Dichlorophenol	10.43	162	173	0.03	ng/ul#	1
28) Naphthalene	10.95	128	414	0.02	ng/ul#	1
30) 4-Chloroaniline	10.94	127	145	0.02	ng/ul#	37
32) Caprolactam	11.64	113	151	0.07	ng/ul#	68
33) 4-Chloro-3-methylphenol	12.10	107	73	0.01	ng/ul#	18
35) 1-Methylnaphthalene	12.69	142	39213	2.91	ng/ul#	92
38) Hexachlorocyclopentadiene	12.85	237	161	0.03	ng/ul#	30
41) 1,1'-Biphenyl	13.38	154	65	0.00	ng/ul#	40

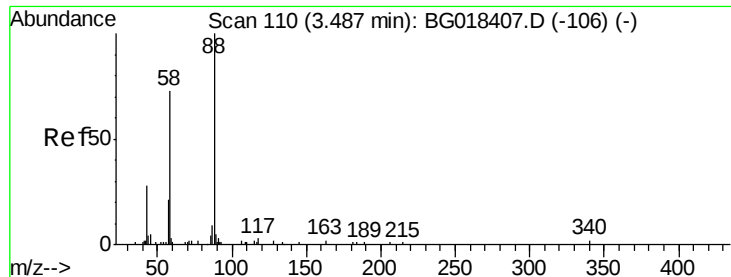
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081215\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2-Nitroaniline	13.73	65	110	0.02	ng/ul#	9
45) Dimethylphthalate	14.04	163	628	0.03	ng/ul#	1
46) 2,6-Dinitrotoluene	14.33	165	88	0.02	ng/ul#	48
48) Acenaphthylene	14.37	152	173	0.01	ng/ul#	61
50) Acenaphthene	14.84	153	125	0.01	ng/ul#	15
51) 2,4-Dinitrophenol	14.87	184	148	0.07	ng/ul#	14
53) 4-Nitrophenol	14.85	109	228	0.07	ng/ul#	1
55) 2,4-Dinitrotoluene	15.02	165	153	0.03	ng/ul#	34
57) Diethylphthalate	15.46	149	1088	0.05	ng/ul#	58
59) Fluorene	15.64	166	1451	0.07	ng/ul#	12
61) 4-Nitroaniline	15.74	138	307	0.06	ng/ul#	1
64) 4,6-Dinitro-2-methylphenol	15.77	198	148	0.04	ng/ul#	1
65) N-Nitrosodiphenylamine	15.76	169	528	0.03	ng/ul#	29
70) Phenanthrene	17.42	178	64	0.00	ng/ul#	58
72) Anthracene	17.49	178	362	0.01	ng/ul#	1
73) 1,2,3,4-Tetrachlorobenzene	13.35	216	130	0.01	ng/ul#	17
75) Carbazole	17.71	167	191	0.01	ng/ul#	57
76) Di-n-butylphthalate	18.35	149	936	0.02	ng/ul#	78
77) Fluoranthene	19.52	202	119	0.00	ng/ul#	71
80) Pyrene	19.81	202	182	0.00	ng/ul#	67
81) Butylbenzylphthalate	20.68	149	226	0.01	ng/ul#	1
82) 3,3'-Dichlorobenzidine	21.55	252	300	0.02	ng/ul#	26
83) Benzo(a)anthracene	21.62	228	60	0.00	ng/ul#	1
84) Bis(2-ethylhexyl)phthalate	21.55	149	1978	0.07	ng/ul#	85
85) Chrysene	21.71	228	71	0.00	ng/ul#	47
87) Di-n-octyl phthalate	22.76	149	234	0.01	ng/ul	100
88) Benzo(b)fluoranthene	23.83	252	352	0.01	ng/ul#	1
89) Benzo(k)fluoranthene	23.91	252	218	0.01	ng/ul#	1
91) Benzo(a)pyrene	24.71	252	61	0.00	ng/ul#	1
92) Indeno(1,2,3-cd)pyrene	28.51	276	187	0.00	ng/ul#	1
93) Dibenzo(a,h)anthracene	28.58	278	151	0.00	ng/ul#	1
94) Benzo(g,h,i)perylene	29.70	276	274	0.01	ng/ul#	56

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



#2

1,4-Dioxane

Concen: 0.14 ng/uL

RT: 3.50 min Scan# 113

Delta R.T. 0.02 min

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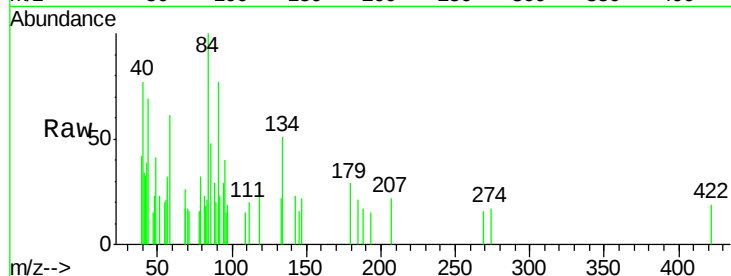
Tgt Ion: 88 Resp: 270

Ion Ratio Lower Upper

88 100

43 134.6 33.0 49.4#

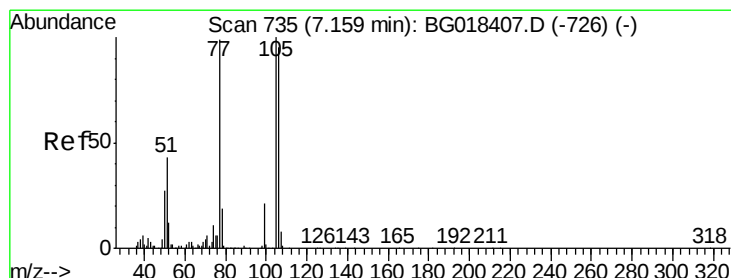
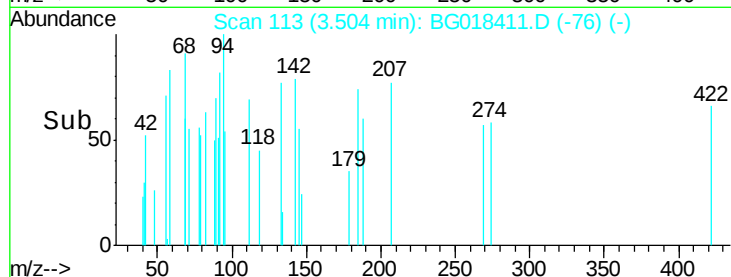
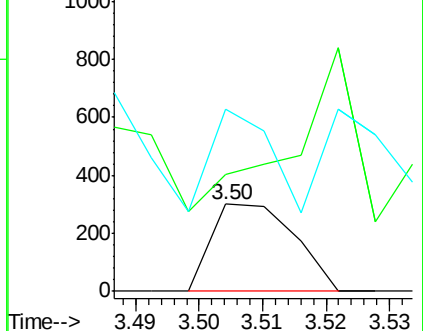
58 208.3 73.4 110.0#



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: 0.11 ng/uL

RT: 7.18 min Scan# 738

Delta R.T. 0.02 min

Lab File: BG018411.D

Acq: 12 Aug 2015 23:39

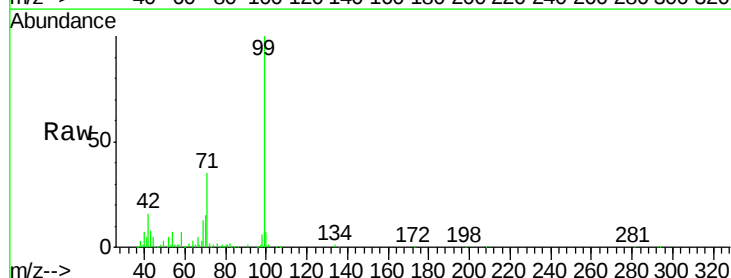
Tgt Ion: 77 Resp: 453

Ion Ratio Lower Upper

77 100

105 60.9 78.2 117.2#

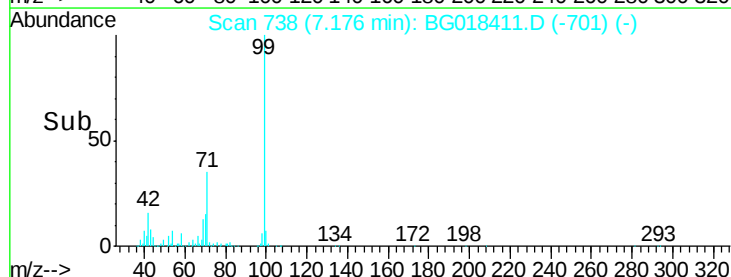
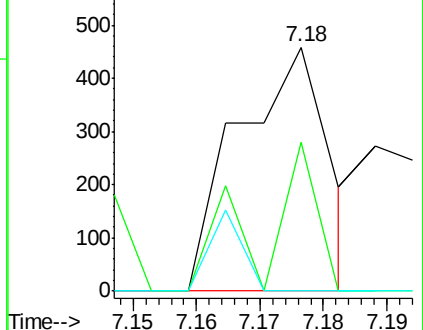
106 0.0 76.8 115.2#

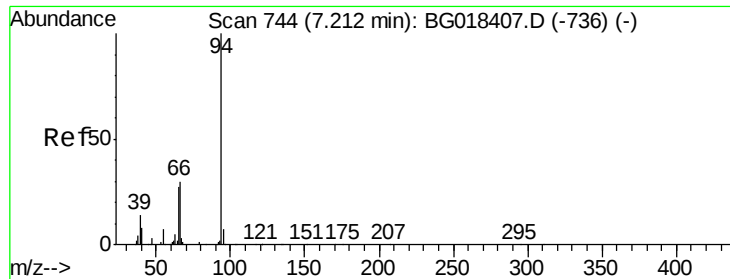


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 0.01 ng/ul

RT: 7.21 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG018411.D

Acq: 12 Aug 2015 23:39

Instrument :

BNA_M

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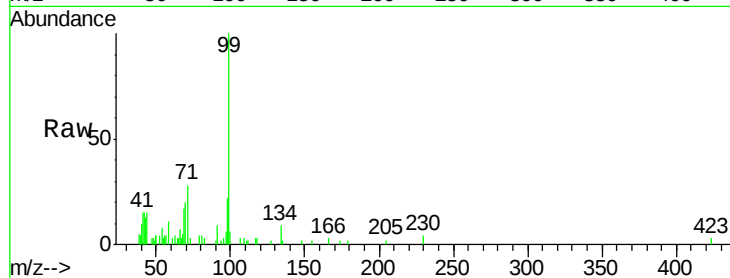
Tgt Ion: 94 Resp: 57

Ion Ratio Lower Upper

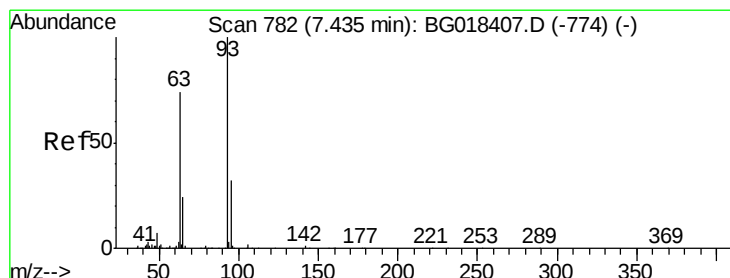
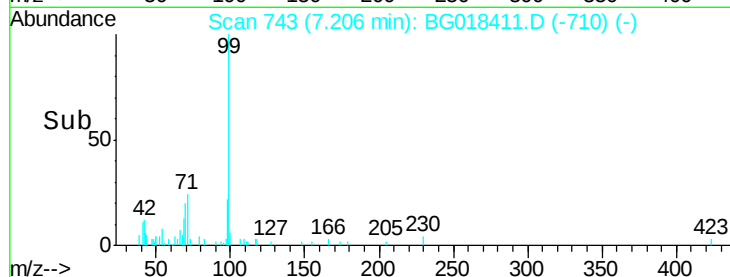
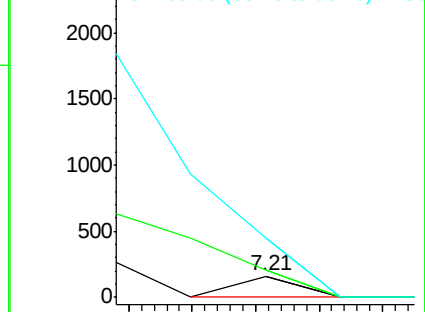
94 100

65 123.9 23.0 34.6#

66 277.9 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: 0.06 ng/ul

RT: 7.43 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG018411.D

Acq: 12 Aug 2015 23:39

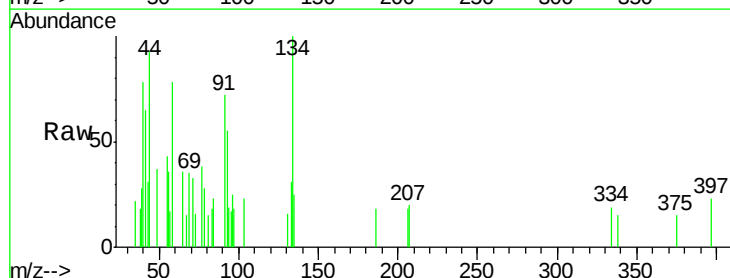
Tgt Ion: 93 Resp: 368

Ion Ratio Lower Upper

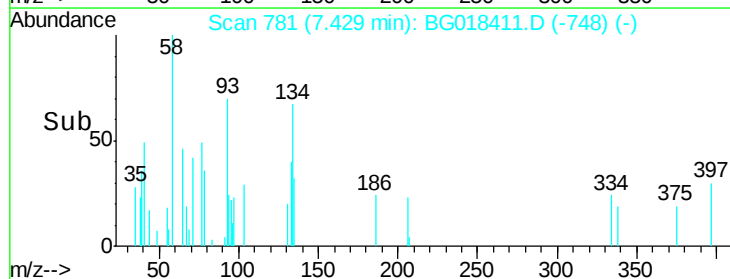
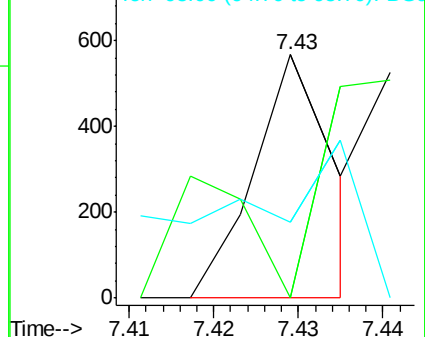
93 100

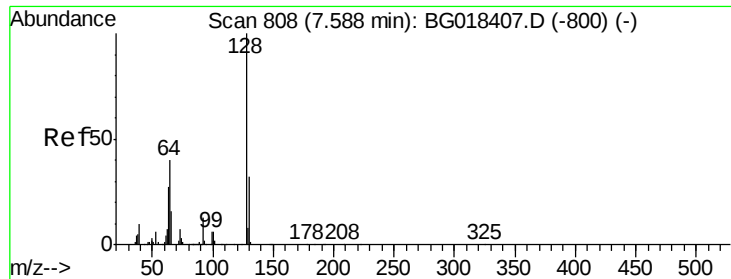
63 0.0 61.4 92.2#

95 31.4 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

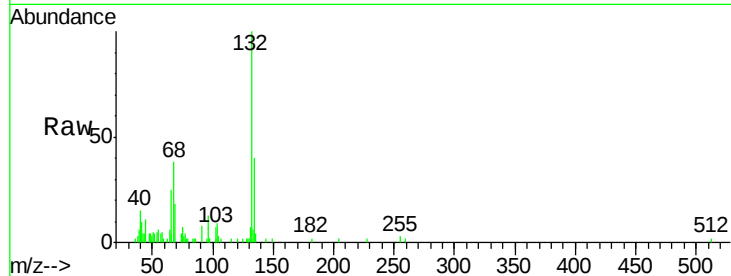




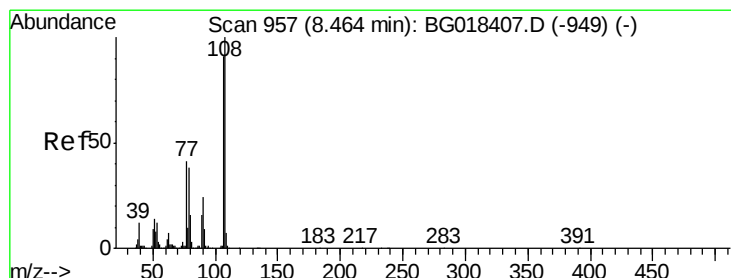
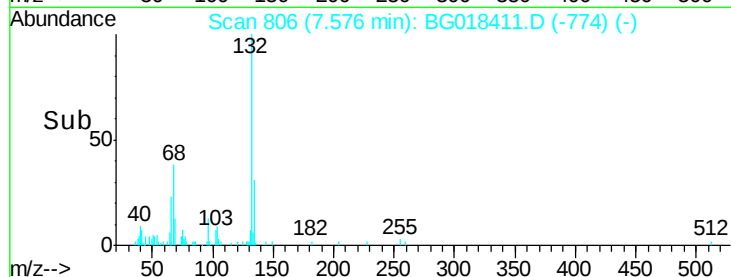
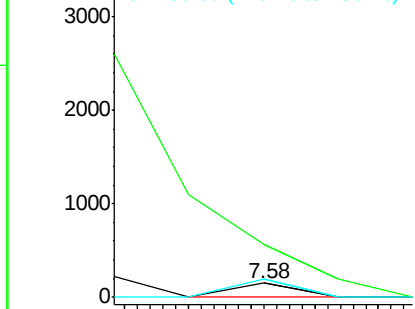
#10
2-Chlorophenol
Concen: 0.01 ng/ul
RT: 7.58 min Scan# 806
Delta R.T. -0.01 min
Lab File: BG018411.D
Acq: 12 Aug 2015 23:39

Instrument :
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ClientSampleId :
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Tgt Ion:128 Resp: 54
Ion Ratio Lower Upper
128 100
64 369.5 40.9 61.3#
130 125.3 24.5 36.7#

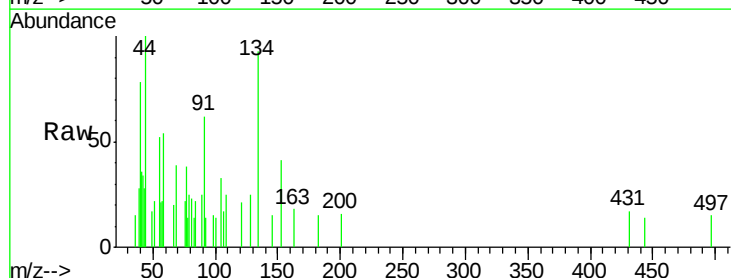


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 130.00 (129.70 to 130.70): E

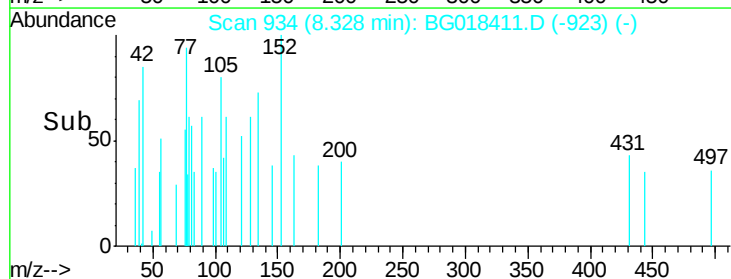
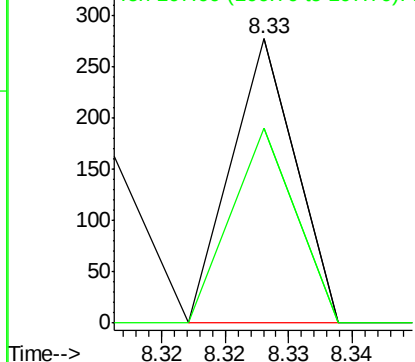


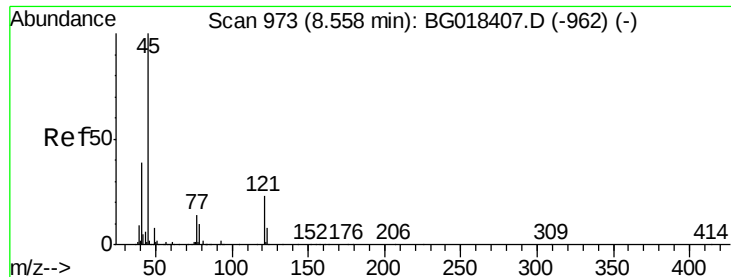
#11
2-Methylphenol
Concen: 0.02 ng/ul
RT: 8.33 min Scan# 934
Delta R.T. -0.14 min
Lab File: BG018411.D
Acq: 12 Aug 2015 23:39

Tgt Ion:108 Resp: 98
Ion Ratio Lower Upper
108 100
107 68.2 72.1 108.1#



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

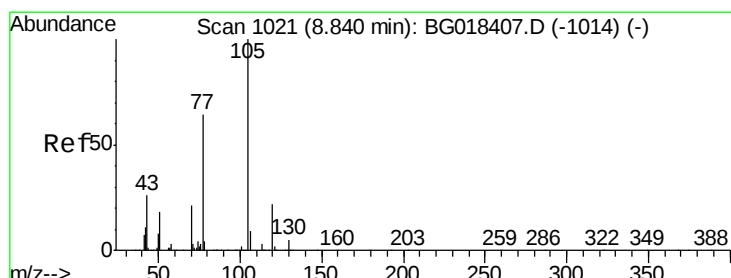
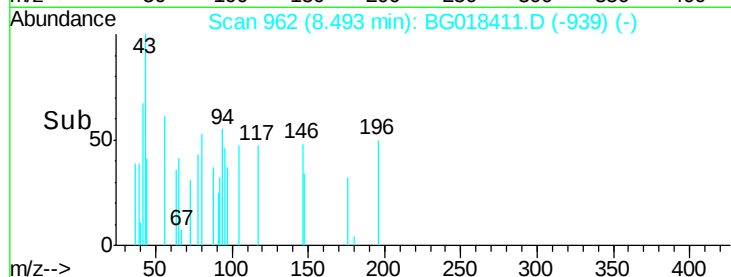
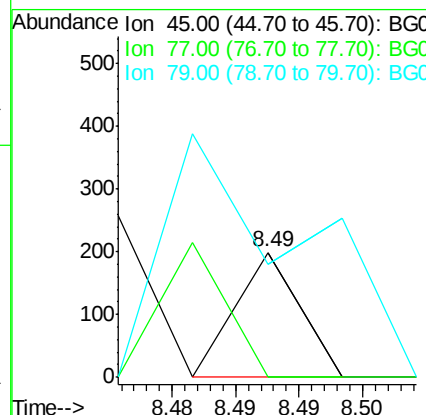
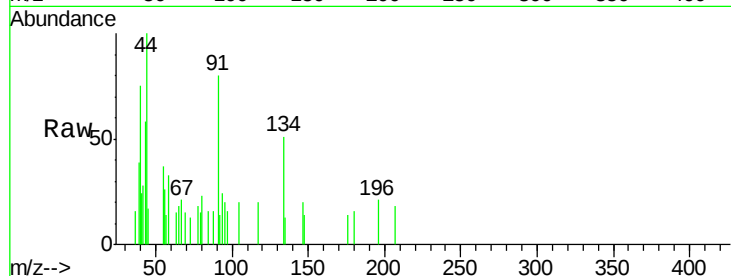




#12
2,2'-oxybis(1-Chloropropane)
Concen: 0.01 ng/ul
RT: 8.49 min Scan# 962
Delta R.T. -0.07 min
Lab File: BG018411.D
Acq: 12 Aug 2015 23:39

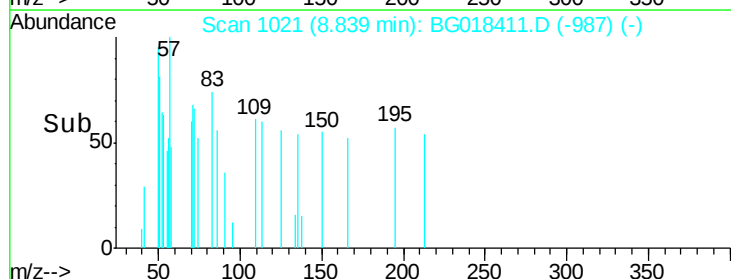
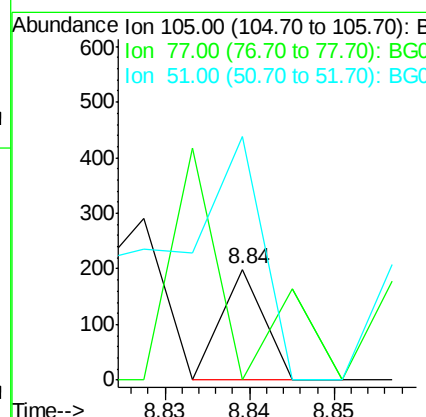
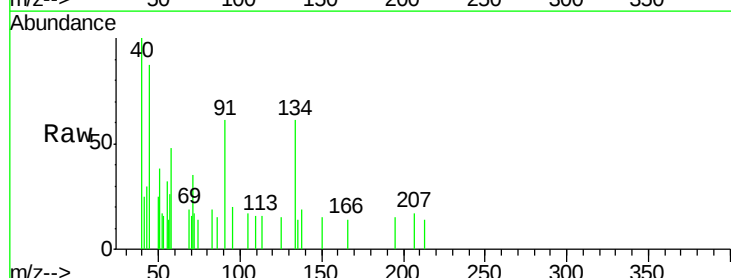
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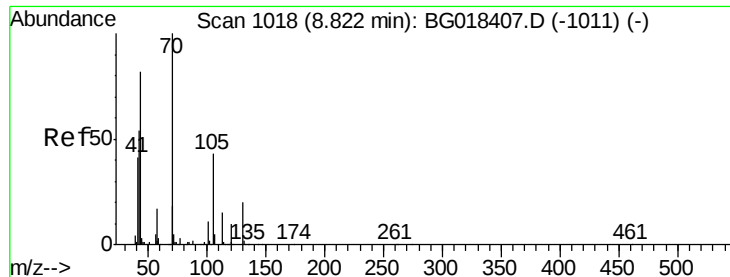
Tgt Ion: 45 Resp: 70
Ion Ratio Lower Upper
45 100
77 0.0 11.3 16.9#
79 89.9 7.8 11.8#



#14
Acetophenone
Concen: 0.01 ng/ul
RT: 8.84 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG018411.D
Acq: 12 Aug 2015 23:39

Tgt Ion: 105 Resp: 70
Ion Ratio Lower Upper
105 100
77 0.0 61.9 92.9#
51 220.1 25.5 38.3#

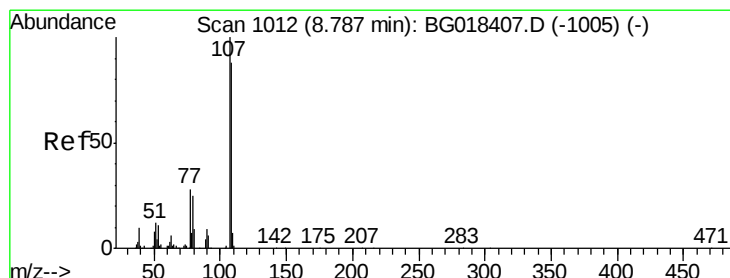
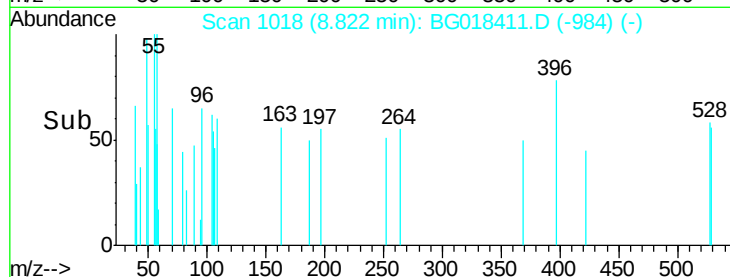
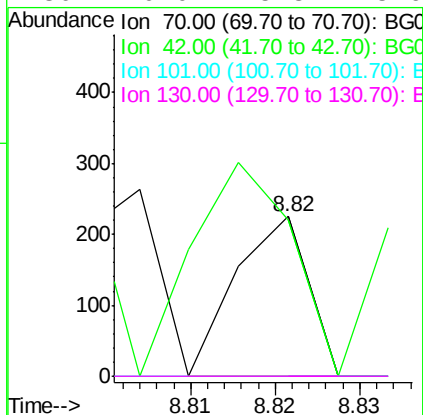
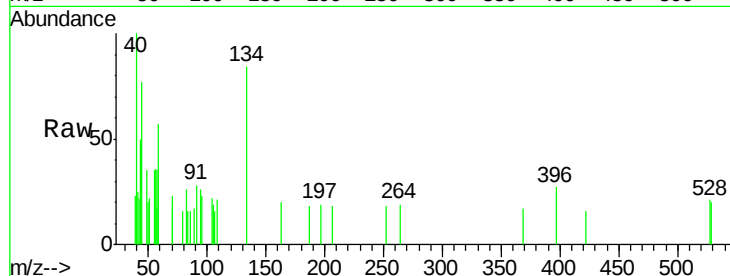




#15
N-Nitroso-di-n-propylamine
Concen: 0.03 ng/ul
RT: 8.82 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG018411.D
Acq: 12 Aug 2015 23:39

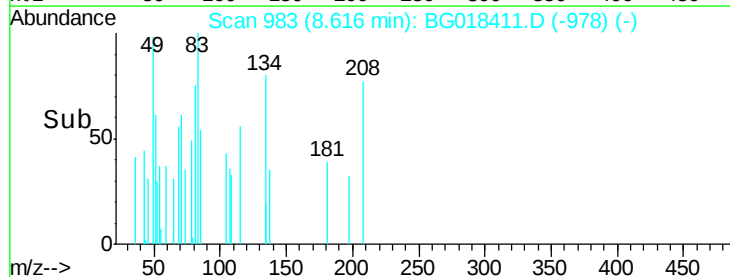
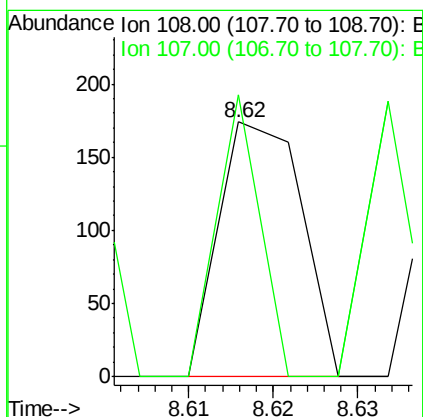
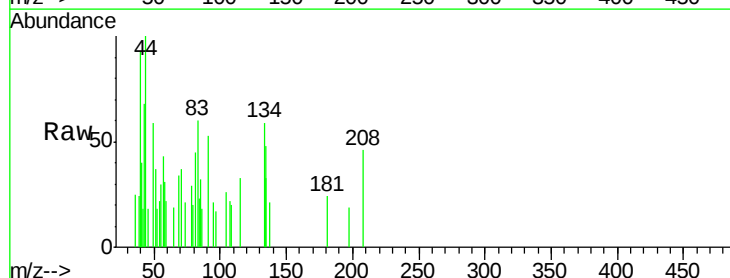
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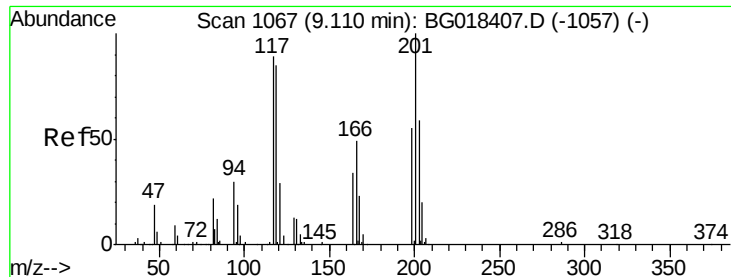
Tgt Ion: 70 Resp: 134
Ion Ratio Lower Upper
70 100
42 97.8 50.7 76.1#
101 0.0 7.4 11.2#
130 0.0 15.8 23.6#



#16
4-Methylphenol
Concen: 0.02 ng/ul
RT: 8.62 min Scan# 983
Delta R.T. -0.17 min
Lab File: BG018411.D
Acq: 12 Aug 2015 23:39

Tgt Ion: 108 Resp: 118
Ion Ratio Lower Upper
108 100
107 110.9 94.6 142.0





#17

Hexachloroethane

Concen: 0.06 ng/ul

RT: 9.12 min Scan# 1069

Delta R.T. 0.01 min

Lab File: BG018411.D

Acq: 12 Aug 2015 23:39

Instrument :

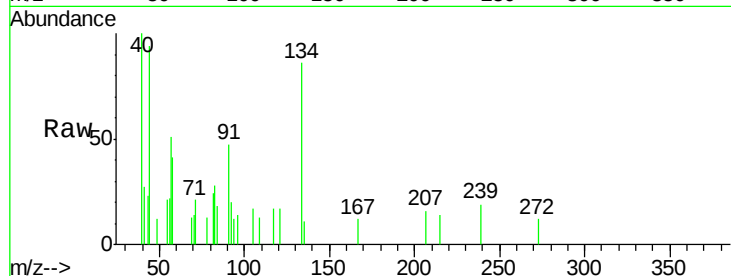
BNA_M

ClientSampleId :

MDL-03-S-ML

Tgt Ion: 117 Resp: 144

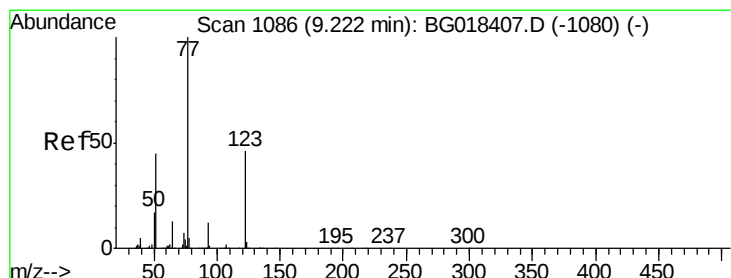
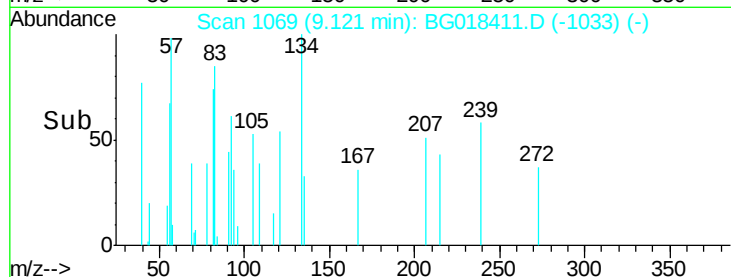
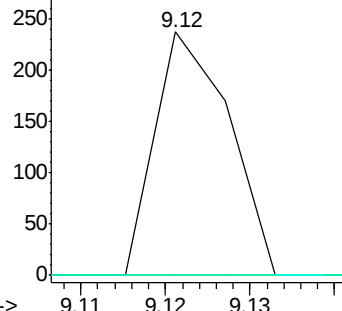
Ion	Ratio	Lower	Upper
117	100		
201	0.0	73.6	110.4#
199	0.0	48.6	72.8#



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: 9.23 min Scan# 1087

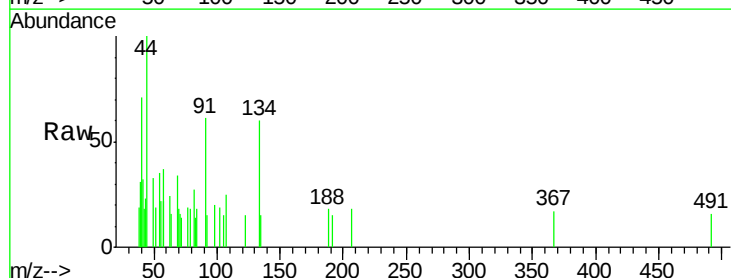
Delta R.T. 0.01 min

Lab File: BG018411.D

Acq: 12 Aug 2015 23:39

Tgt Ion: 77 Resp: 142

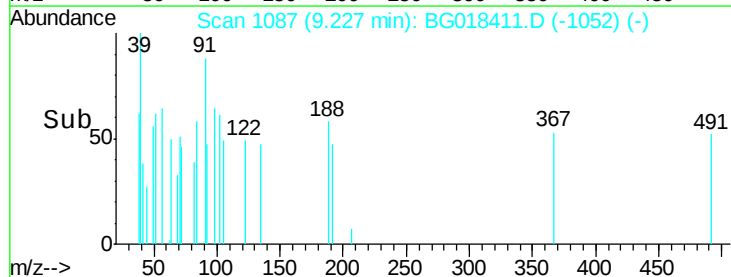
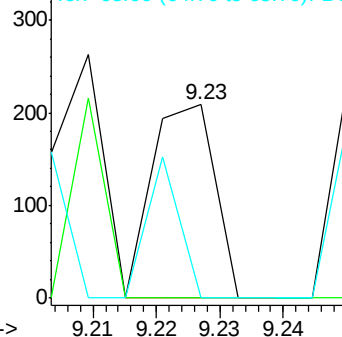
Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.8	49.2#
65	0.0	12.2	18.2#

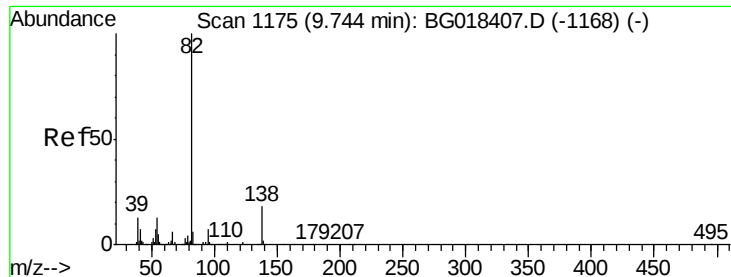


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 9.74 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG018411.D

Acq: 12 Aug 2015 23:39

Instrument :

BNA_M

ClientSampleId :

MDL-03-S-ML

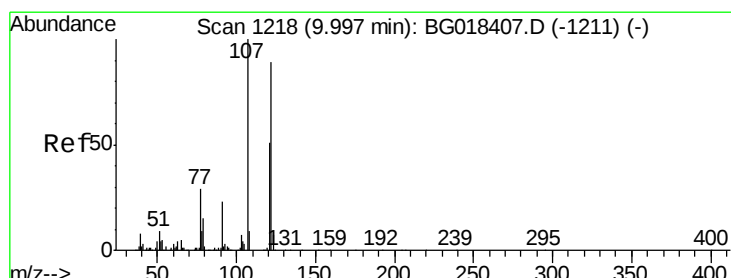
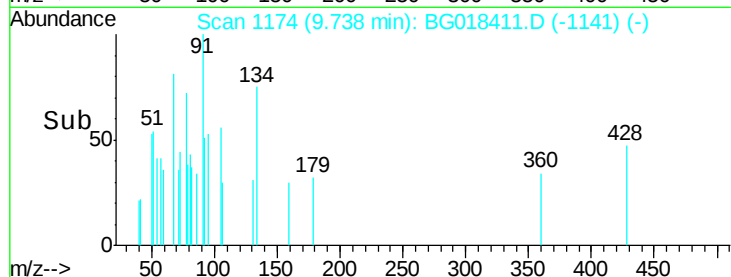
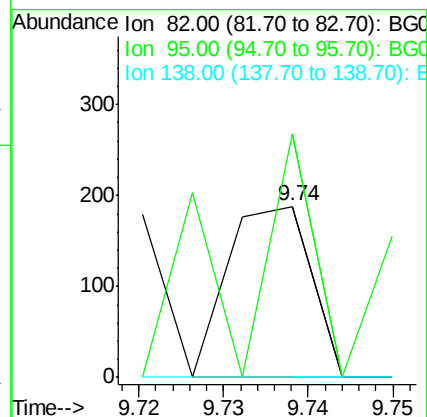
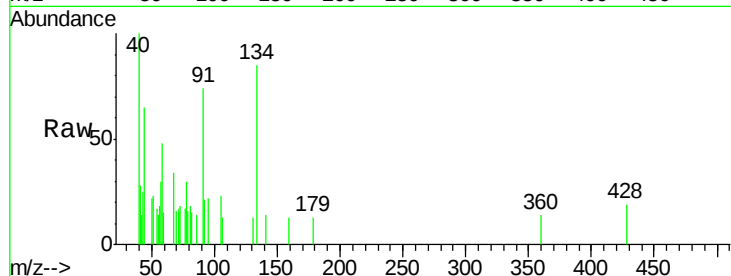
Tgt Ion: 82 Resp: 128

Ion Ratio Lower Upper

82 100

95 142.6 5.2 7.8#

138 0.0 13.8 20.8#



#24

2,4-Dimethylphenol

Concen: 0.02 ng/ul

RT: 10.06 min Scan# 1229

Delta R.T. 0.06 min

Lab File: BG018411.D

Acq: 12 Aug 2015 23:39

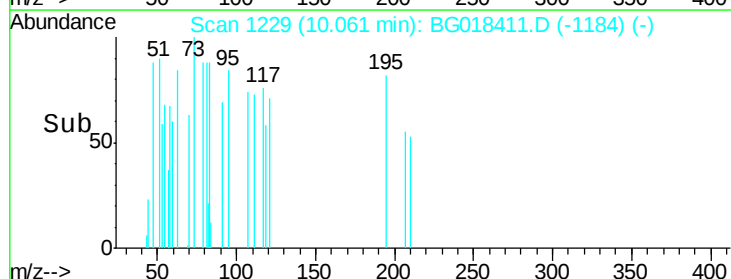
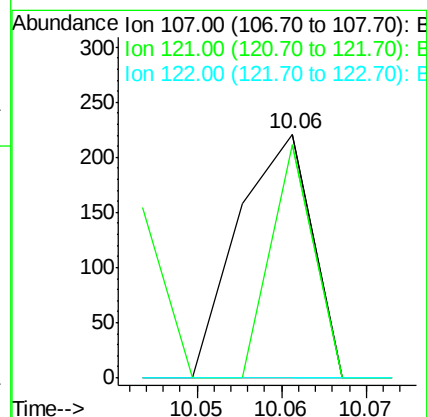
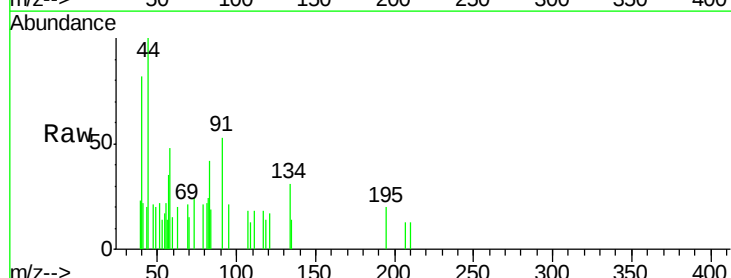
Tgt Ion: 107 Resp: 134

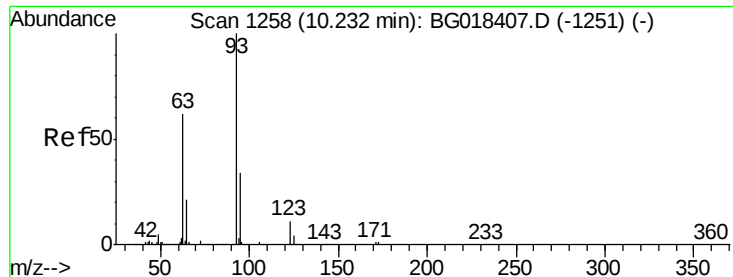
Ion Ratio Lower Upper

107 100

121 95.9 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: BG018411.D

Acq: 12 Aug 2015 23:39

Instrument :

BNA_M

ClientSampleId :

MDL-03-S-ML

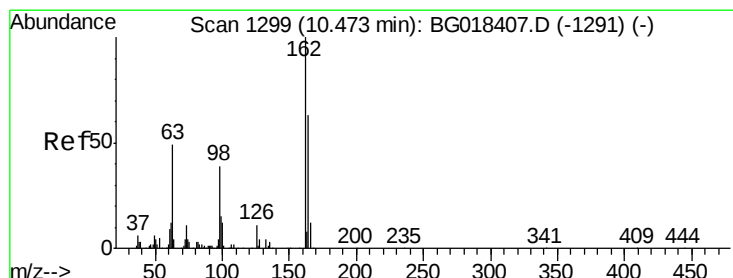
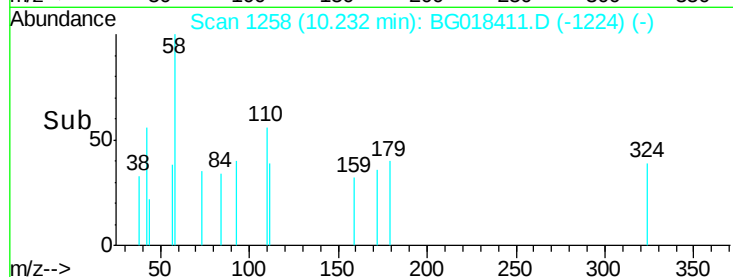
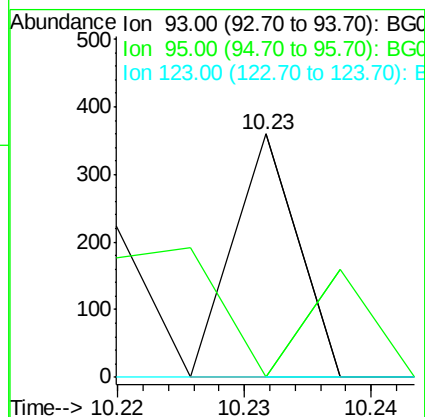
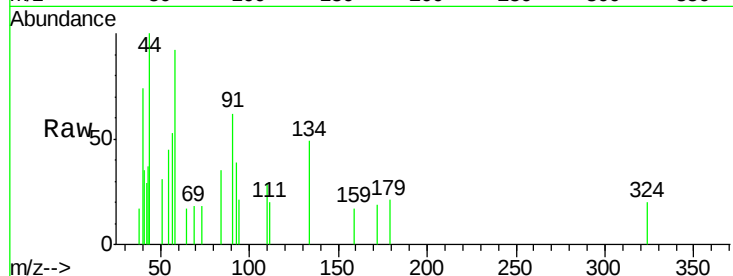
Tgt Ion: 93 Resp: 127

Ion Ratio Lower Upper

93 100

95 0.0 24.1 36.1#

123 0.0 8.9 13.3#



#27

2,4-Dichlorophenol

Concen: 0.03 ng/ul

RT: 10.43 min Scan# 1292

Delta R.T. -0.04 min

Lab File: BG018411.D

Acq: 12 Aug 2015 23:39

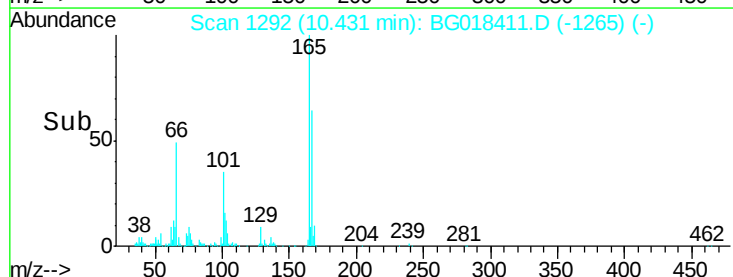
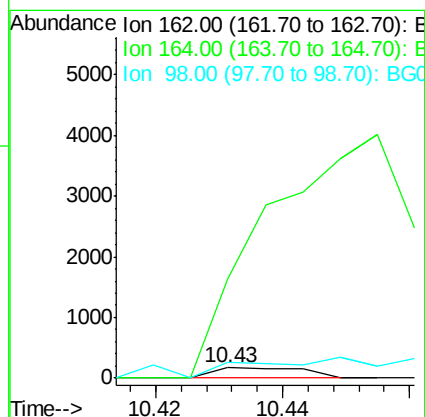
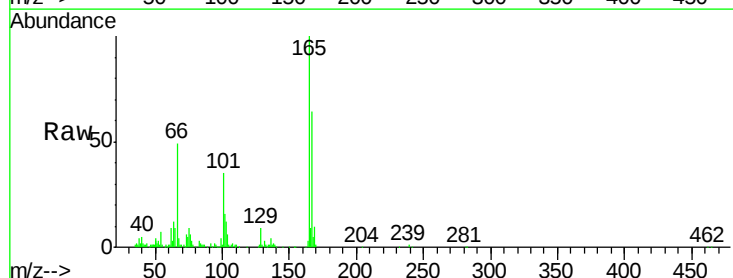
Tgt Ion: 162 Resp: 173

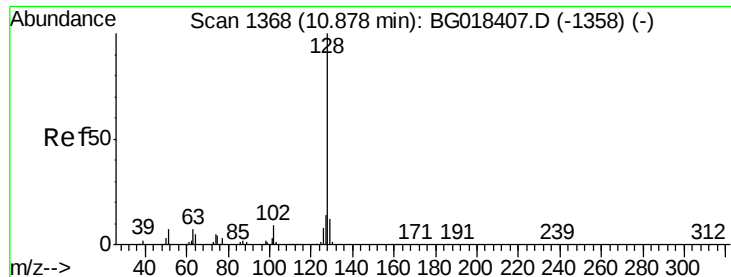
Ion Ratio Lower Upper

162 100

164 963.5 51.7 77.5#

98 153.5 30.4 45.6#





#28

Naphthalene

Concen: 0.02 ng/ul

RT: 10.95 min Scan# 1380

Delta R.T. 0.07 min

Lab File: BG018411.D

Acq: 12 Aug 2015 23:39

Instrument :

BNA_M

ClientSampleId :

MDL-03-S-ML

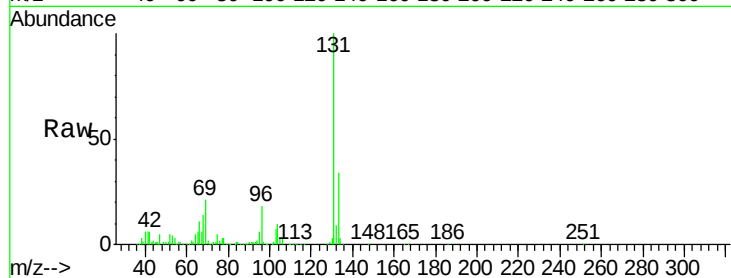
Tgt Ion:128 Resp: 414

Ion Ratio Lower Upper

128 100

129 169.3 9.6 14.4#

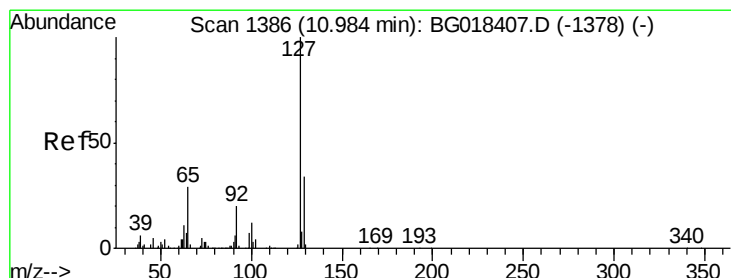
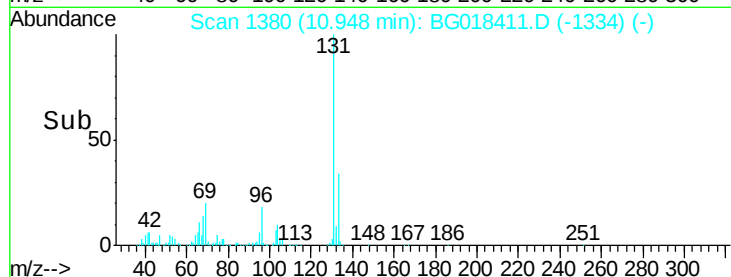
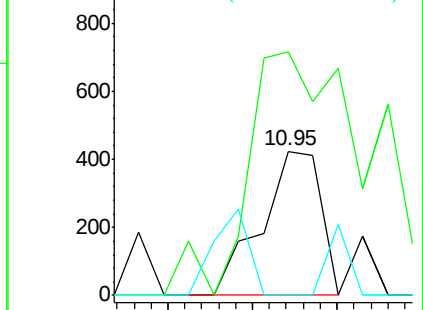
127 0.0 10.5 15.7#



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: 0.02 ng/ul

RT: 10.94 min Scan# 1378

Delta R.T. -0.05 min

Lab File: BG018411.D

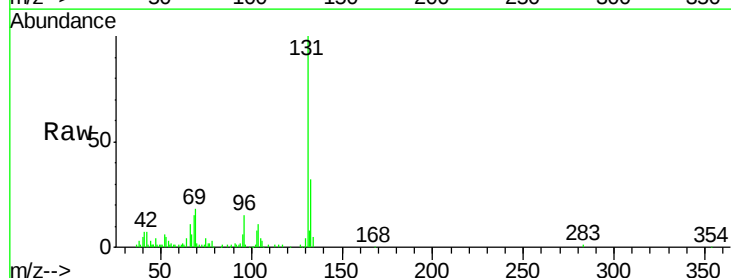
Acq: 12 Aug 2015 23:39

Tgt Ion:127 Resp: 145

Ion Ratio Lower Upper

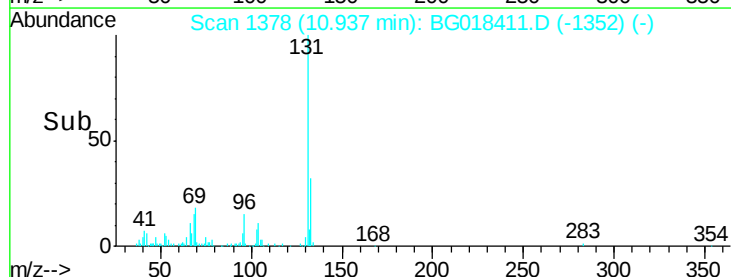
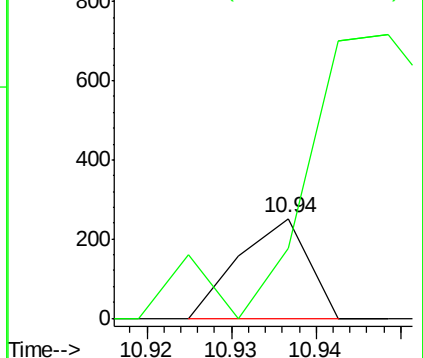
127 100

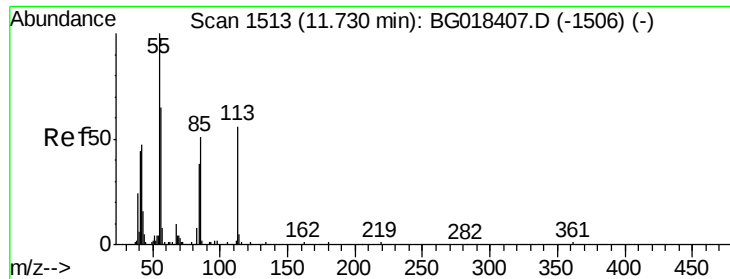
129 69.4 26.7 40.1#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#32

Caprolactam

Concen: 0.07 ng/ul

RT: 11.64 min Scan# 1498

Delta R.T. -0.09 min

Lab File: BG018411.D

Acq: 12 Aug 2015 23:39

Instrument :

BNA_M

ClientSampleId :

MDL-03-S-ML

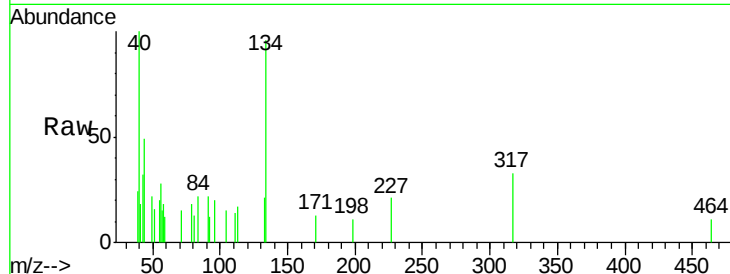
Tgt Ion:113 Resp: 151

Ion Ratio Lower Upper

113 100

55 116.7 124.2 186.4#

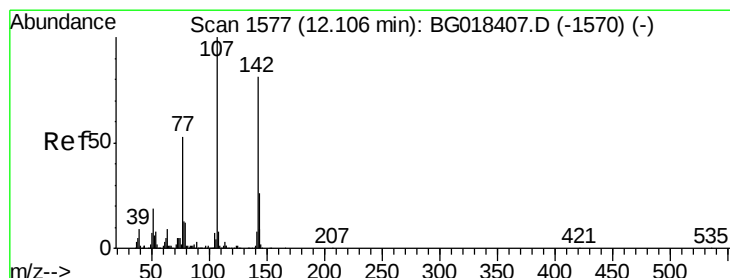
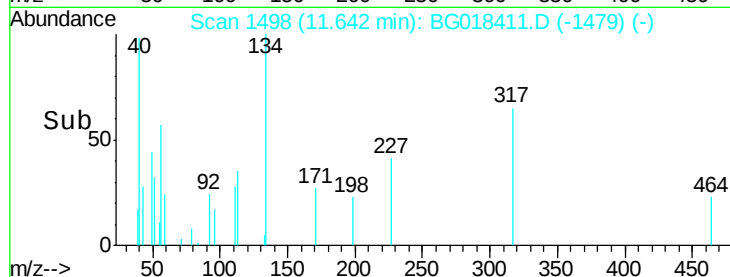
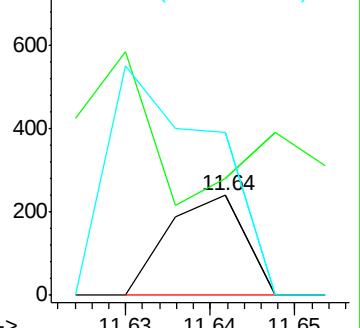
56 162.9 98.2 147.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#33

4-Chloro-3-methylphenol

Concen: 0.01 ng/ul

RT: 12.10 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BG018411.D

Acq: 12 Aug 2015 23:39

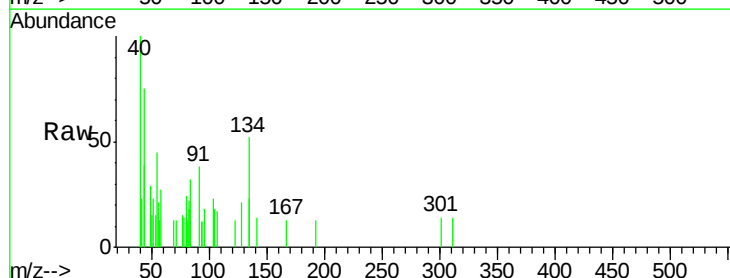
Tgt Ion:107 Resp: 73

Ion Ratio Lower Upper

107 100

144 0.0 21.4 32.2#

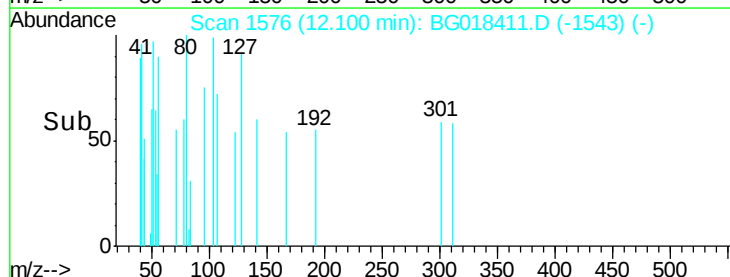
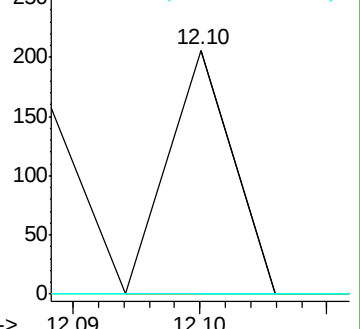
142 0.0 66.0 99.0#

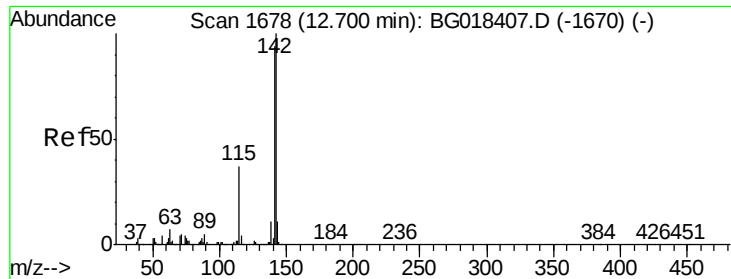


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

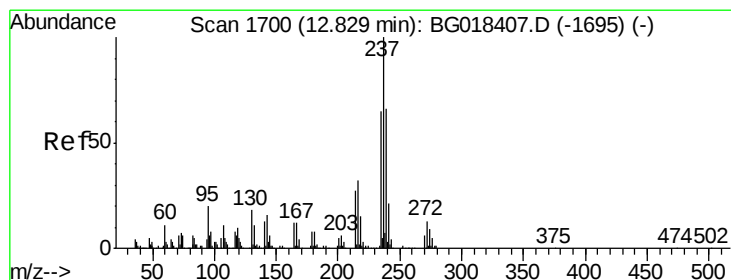
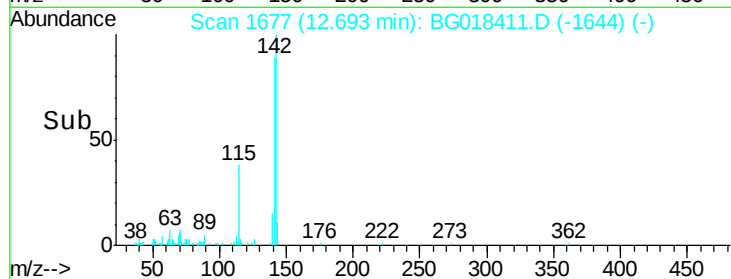
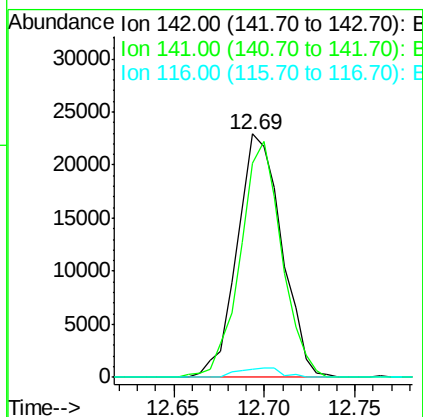
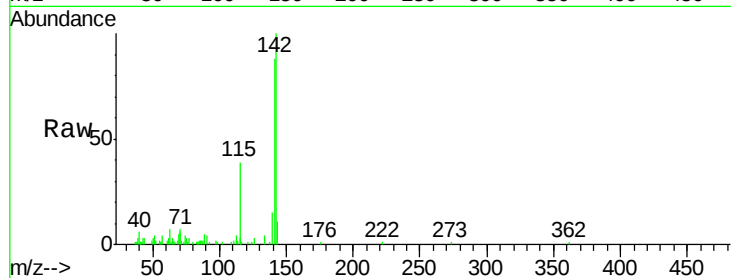




#35
 1-Methylnaphthalene
 Concen: 2.91 ng/ul
 RT: 12.69 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BG018411.D
 Acq: 12 Aug 2015 23:39

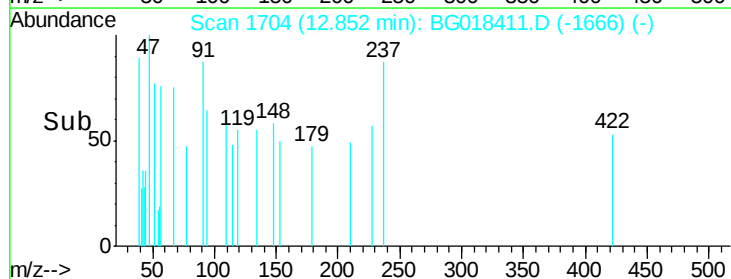
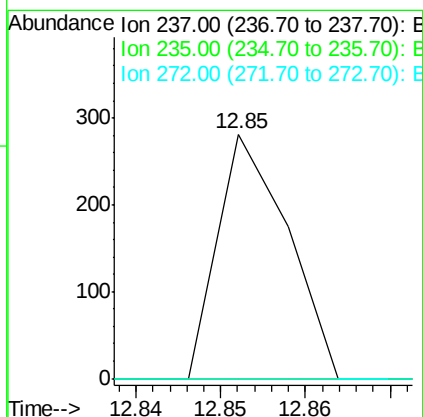
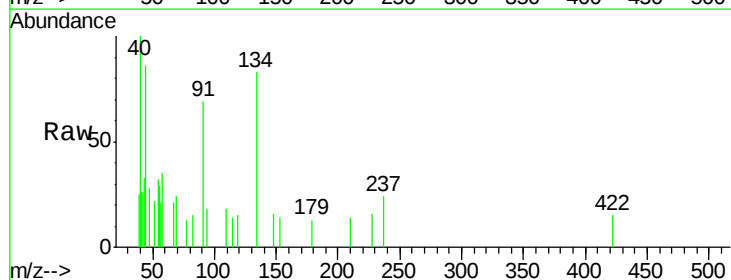
Instrument :
 BNA_M
 ClientSampleId :
 MDL-03-S-ML

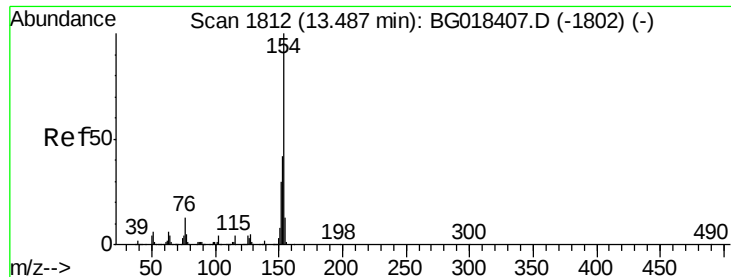
Tgt Ion:142 Resp: 39213
 Ion Ratio Lower Upper
 142 100
 141 88.0 77.1 115.7
 116 3.2 3.5 5.3#



#38
 Hexachlorocyclopentadiene
 Concen: 0.03 ng/ul
 RT: 12.85 min Scan# 1704
 Delta R.T. 0.02 min
 Lab File: BG018411.D
 Acq: 12 Aug 2015 23:39

Tgt Ion:237 Resp: 161
 Ion Ratio Lower Upper
 237 100
 235 0.0 45.6 68.4#
 272 0.0 9.0 13.4#

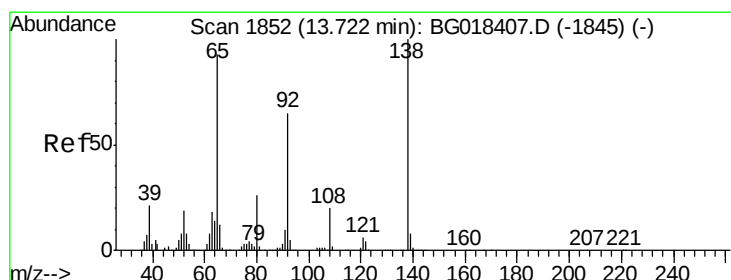
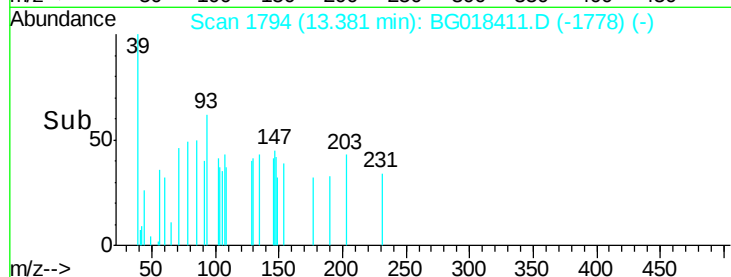
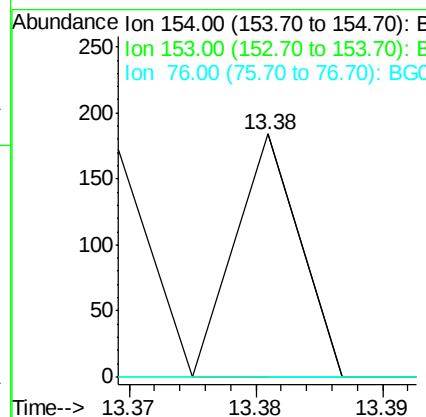
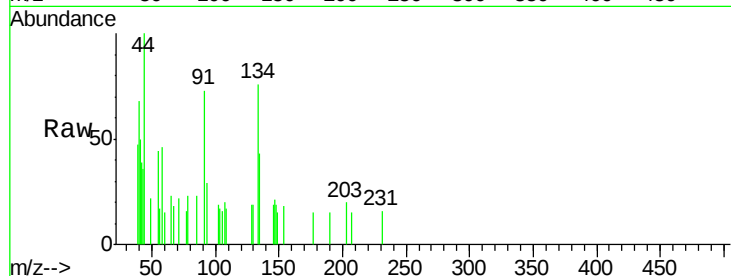




#41
1,1'-Biphenyl
Concen: 0.00 ng/ul
RT: 13.38 min Scan# 1794
Delta R.T. -0.11 min
Lab File: BG018411.D
Acq: 12 Aug 2015 23:39

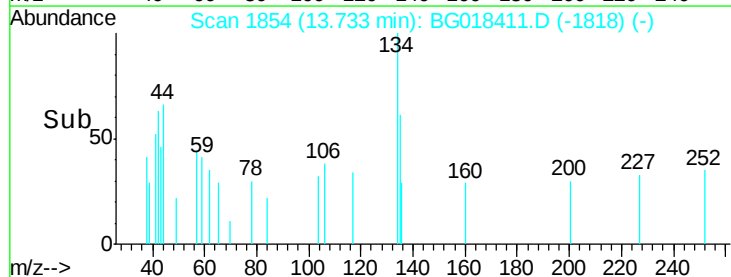
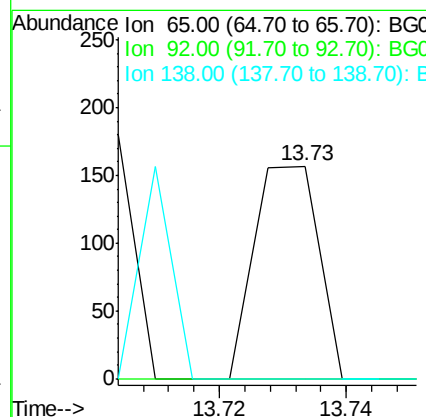
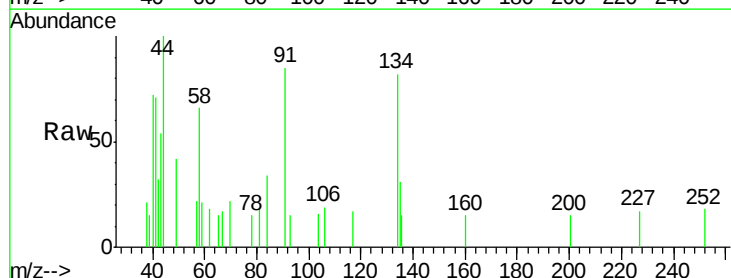
Instrument :
BNA_M
ClientSampleId :
MDL-03-S-ML

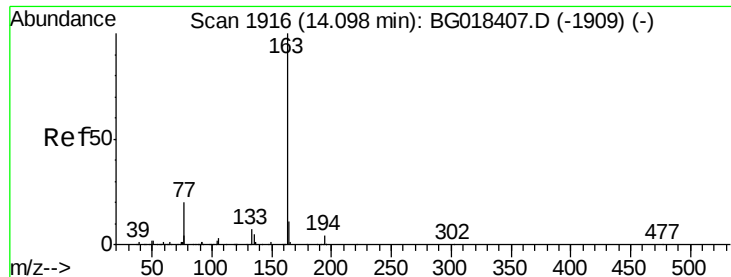
Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	35.2	52.8#
76	0.0	10.6	16.0#



#43
2-Nitroaniline
Concen: 0.02 ng/ul
RT: 13.73 min Scan# 1854
Delta R.T. 0.01 min
Lab File: BG018411.D
Acq: 12 Aug 2015 23:39

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

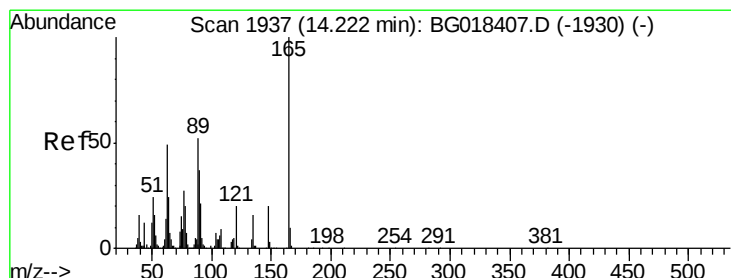
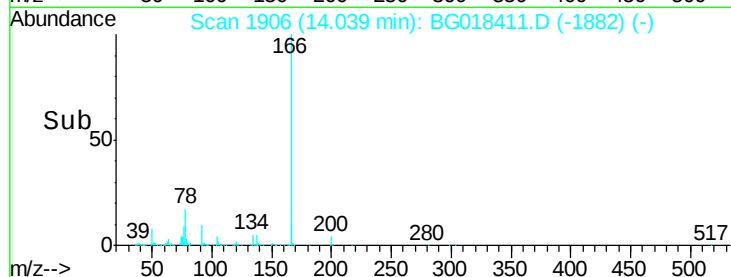
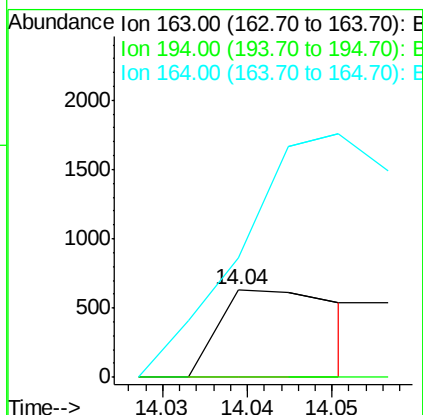
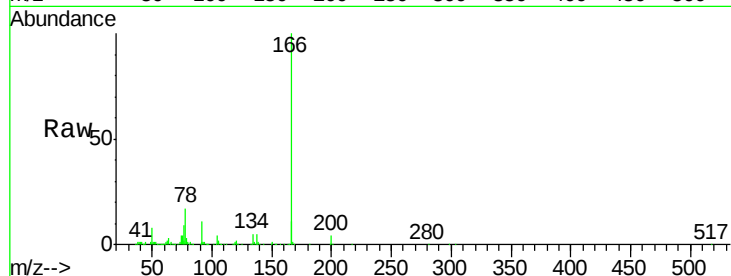




#45
Dimethylphthalate
Concen: 0.03 ng/ul
RT: 14.04 min Scan# 1906
Delta R.T. -0.06 min
Lab File: BG018411.D
Acq: 12 Aug 2015 23:39

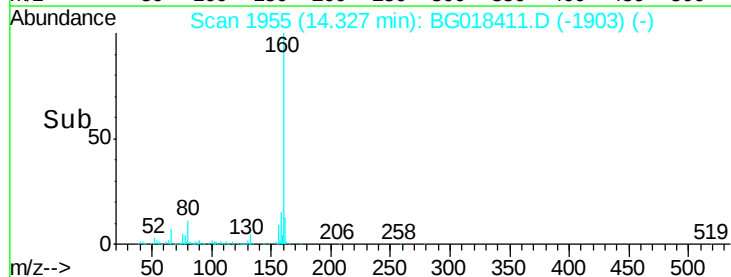
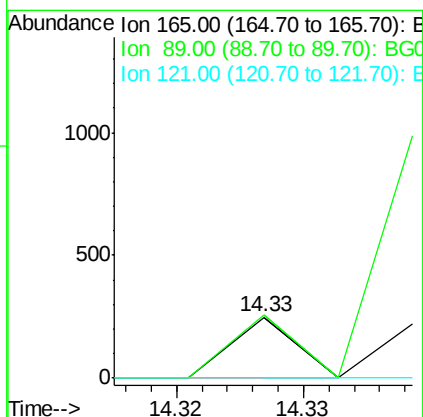
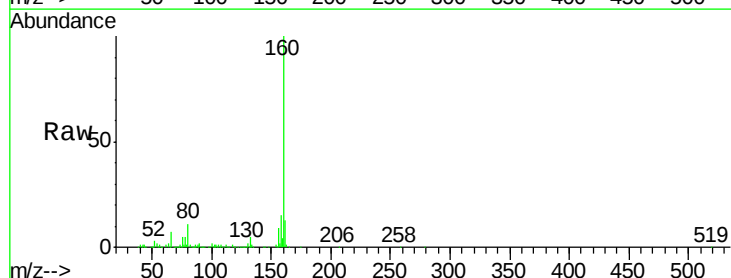
Instrument :
BNA_M
ClientSampleId :
MDL-03-S-ML

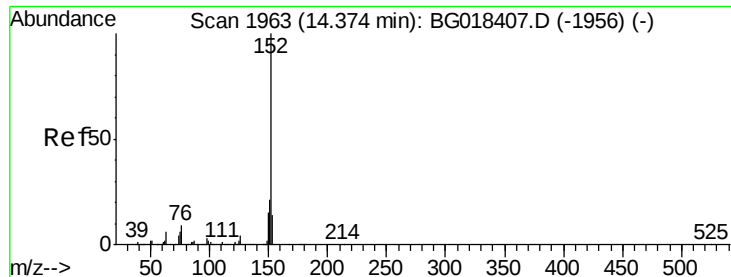
Tgt Ion:163 Resp: 628
Ion Ratio Lower Upper
163 100
194 0.0 2.9 4.3#
164 136.0 7.7 11.5#



#46
2,6-Dinitrotoluene
Concen: 0.02 ng/ul
RT: 14.33 min Scan# 1955
Delta R.T. 0.11 min
Lab File: BG018411.D
Acq: 12 Aug 2015 23:39

Tgt Ion:165 Resp: 88
Ion Ratio Lower Upper
165 100
89 103.6 50.2 75.2#
121 0.0 19.4 29.2#





#48

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.37 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG018411.D

Acq: 12 Aug 2015 23:39

Instrument :

BNA_M

ClientSampleId :

MDL-03-S-ML

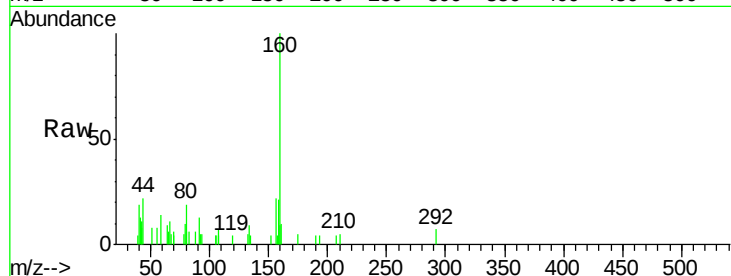
Tgt Ion:152 Resp: 173

Ion Ratio Lower Upper

152 100

151 0.0 15.4 23.2#

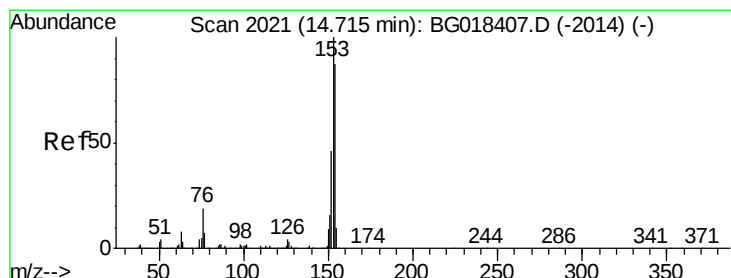
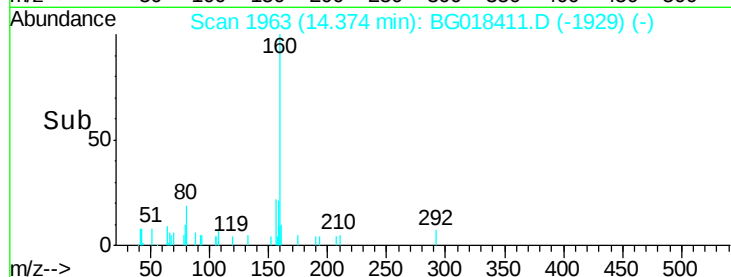
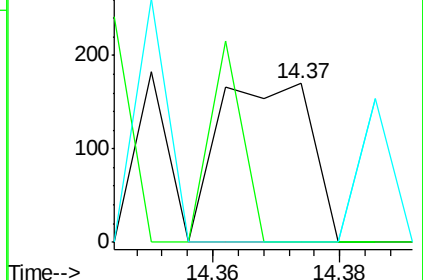
153 0.0 10.8 16.2#



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: 14.84 min Scan# 2042

Delta R.T. 0.12 min

Lab File: BG018411.D

Acq: 12 Aug 2015 23:39

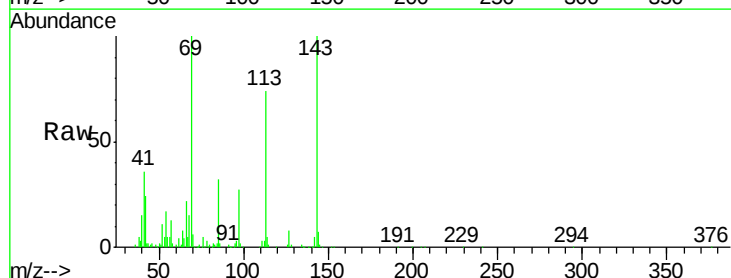
Tgt Ion:153 Resp: 125

Ion Ratio Lower Upper

153 100

152 0.0 38.2 57.4#

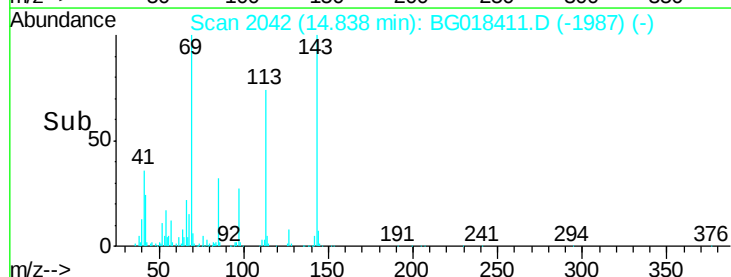
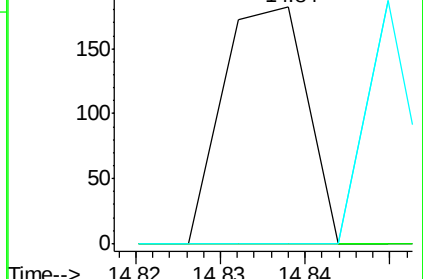
154 0.0 68.6 103.0#

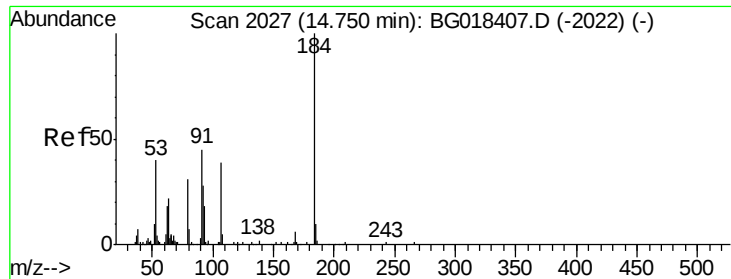


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

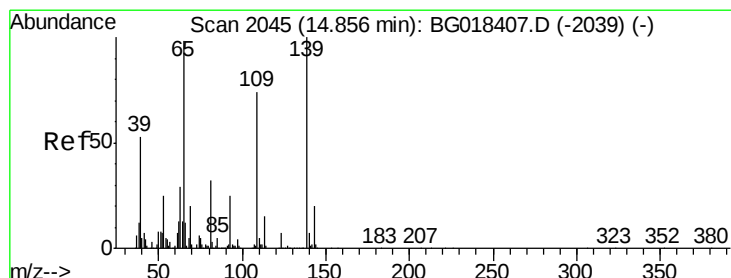
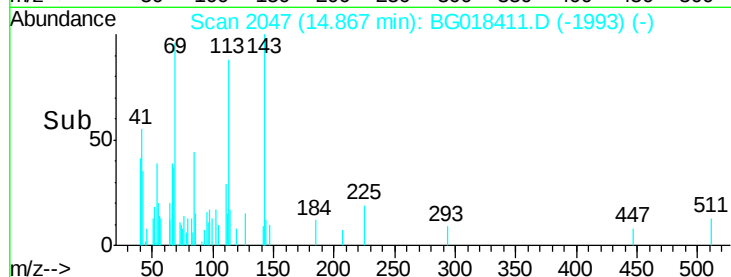
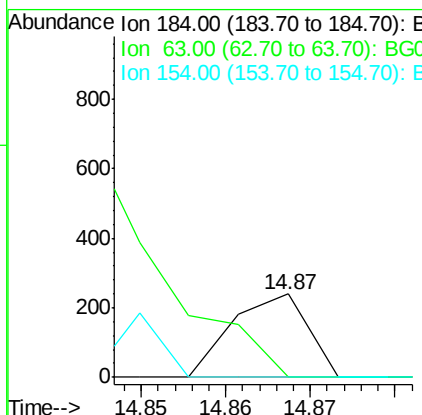
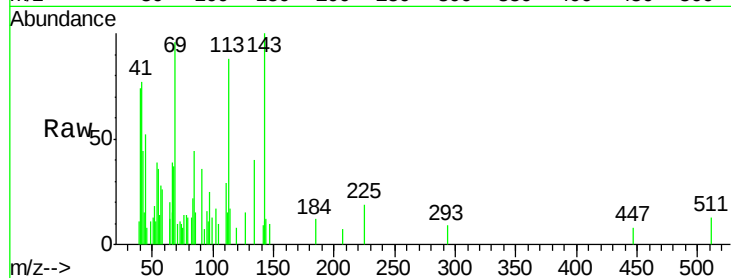




#51
2,4-Dinitrophenol
Concen: 0.07 ng/ul
RT: 14.87 min Scan# 2047
Delta R.T. 0.12 min
Lab File: BG018411.D
Acq: 12 Aug 2015 23:39

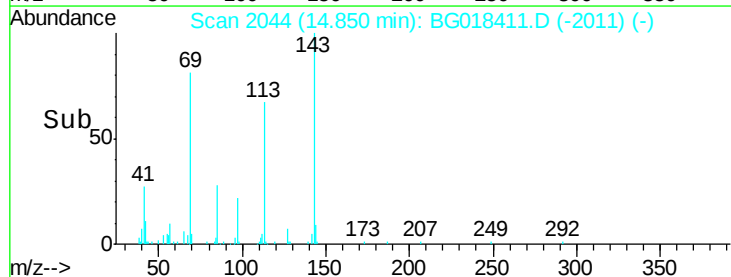
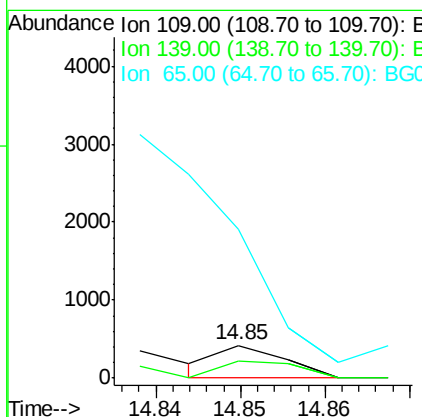
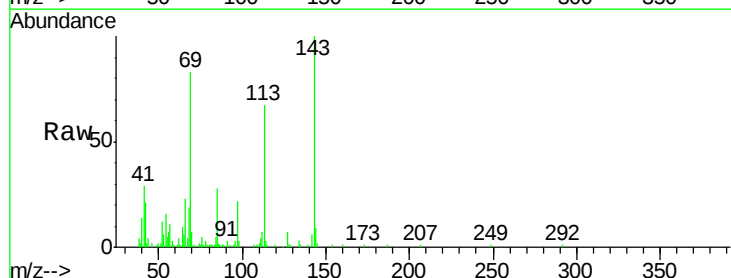
Instrument :
BNA_M
ClientSampleId :
MDL-03-S-ML

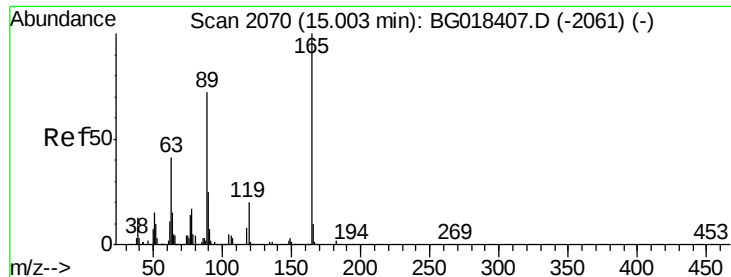
Tgt Ion:184 Resp: 148
Ion Ratio Lower Upper
184 100
63 0.0 55.3 82.9#
154 0.0 58.2 87.2#



#53
4-Nitrophenol
Concen: 0.07 ng/ul
RT: 14.85 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BG018411.D
Acq: 12 Aug 2015 23:39

Tgt Ion:109 Resp: 228
Ion Ratio Lower Upper
109 100
139 53.6 111.3 166.9#
65 456.2 105.3 157.9#





#55

2,4-Dinitrotoluene

Concen: 0.03 ng/ul

RT: 15.02 min Scan# 2073

Delta R.T. 0.02 min

Lab File: BG018411.D

Acq: 12 Aug 2015 23:39

Instrument :

BNA_M

ClientSampleId :

MDL-03-S-ML

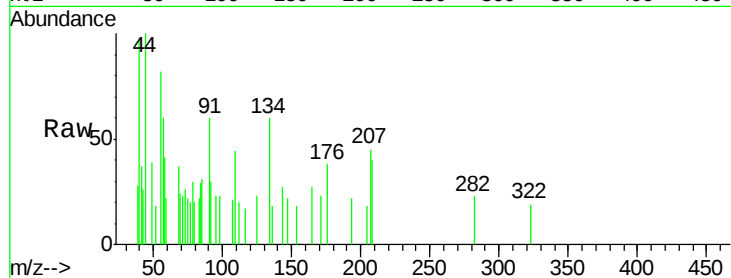
Tgt Ion:165 Resp: 153

Ion Ratio Lower Upper

165 100

63 0.0 36.7 55.1#

182 0.0 2.2 3.2#

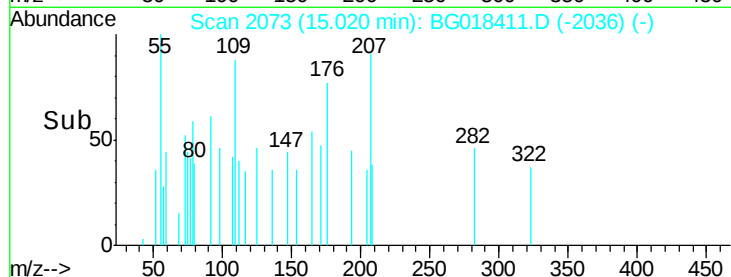


Abundance Ion 165.00 (164.70 to 165.70): E

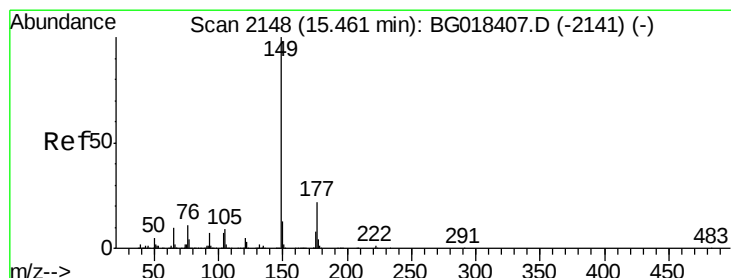
Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E

Time-->



Time-->



#57

Diethylphthalate

Concen: 0.05 ng/ul

RT: 15.46 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BG018411.D

Acq: 12 Aug 2015 23:39

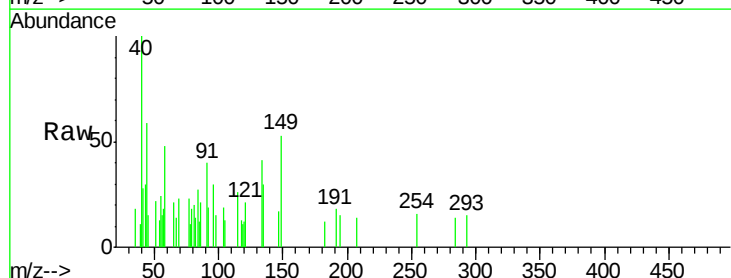
Tgt Ion:149 Resp: 1088

Ion Ratio Lower Upper

149 100

177 0.0 18.2 27.4#

150 0.0 9.7 14.5#

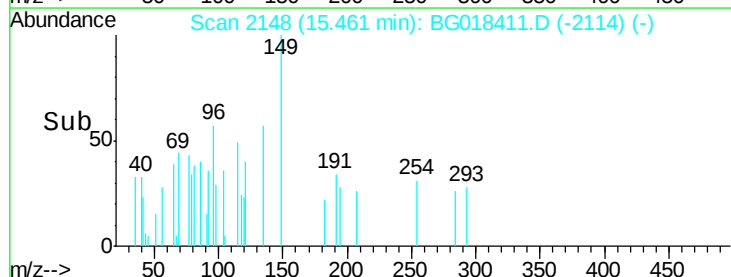


Abundance Ion 149.00 (148.70 to 149.70): E

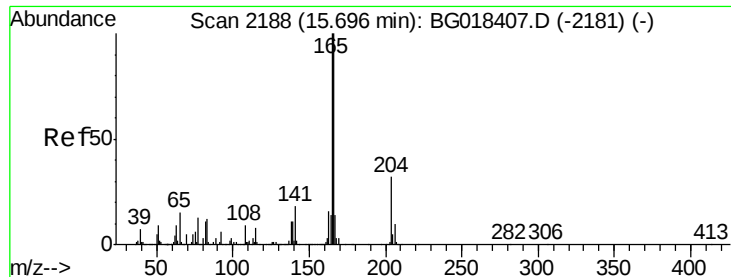
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

Time-->



Time-->



#59

Fluorene

Concen: 0.07 ng/ul

RT: 15.64 min Scan# 2179

Delta R.T. -0.05 min

Lab File: BG018411.D

Acq: 12 Aug 2015 23:39

Instrument :

BNA_M

ClientSampleId :

MDL-03-S-ML

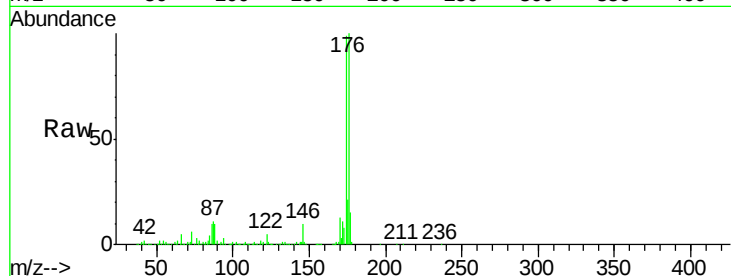
Tgt Ion:166 Resp: 1451

Ion Ratio Lower Upper

166 100

165 15.3 82.6 124.0#

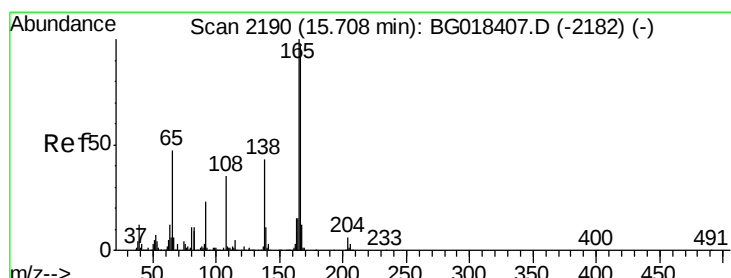
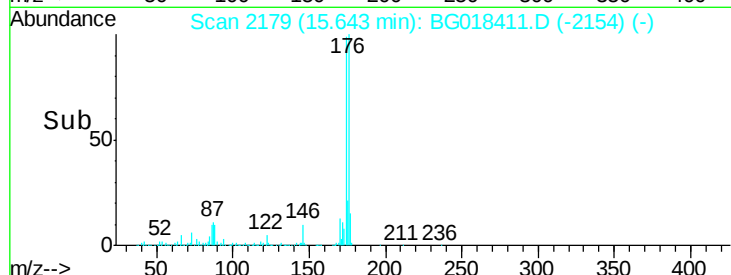
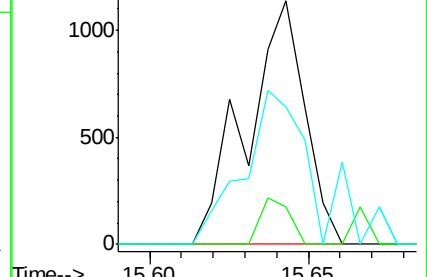
167 56.4 11.4 17.0#



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# 2195

Delta R.T. 0.03 min

Lab File: BG018411.D

Acq: 12 Aug 2015 23:39

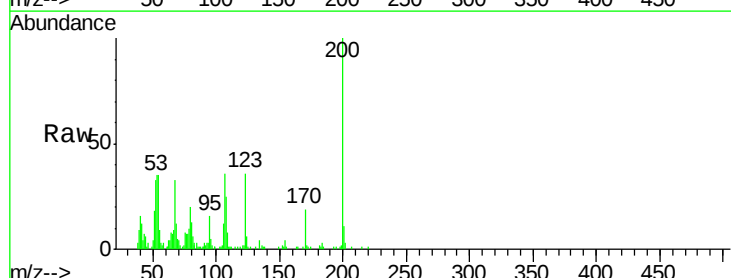
Tgt Ion:138 Resp: 307

Ion Ratio Lower Upper

138 100

92 153.9 44.0 66.0#

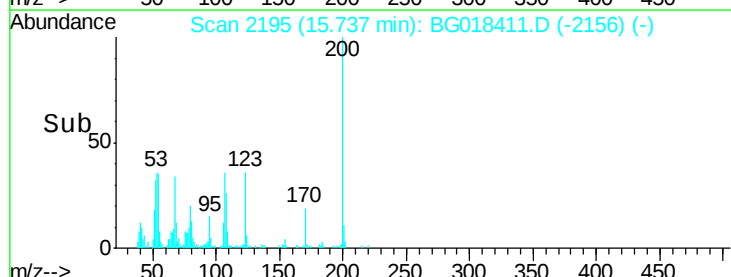
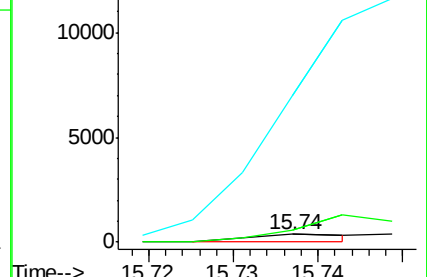
108 1871.2 64.6 97.0#

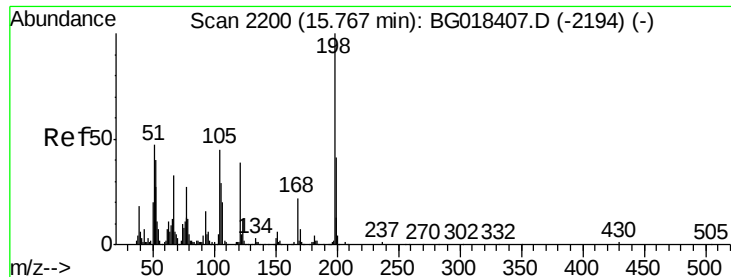


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG0

Ion 108.00 (107.70 to 108.70): E

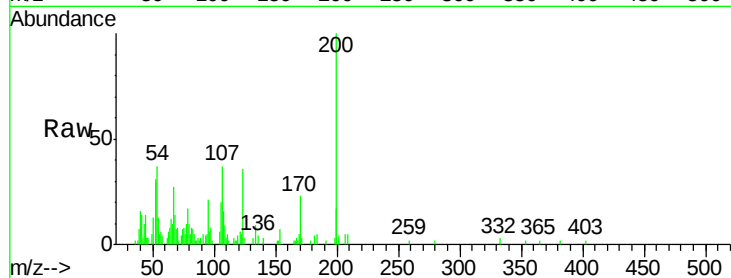




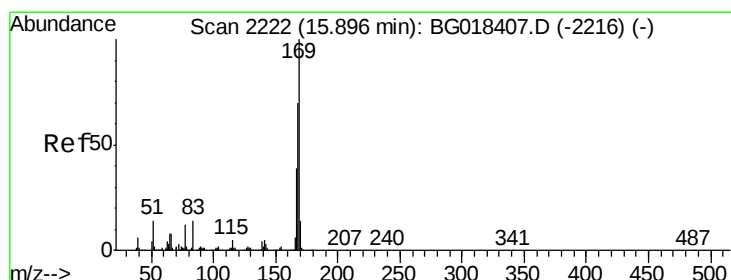
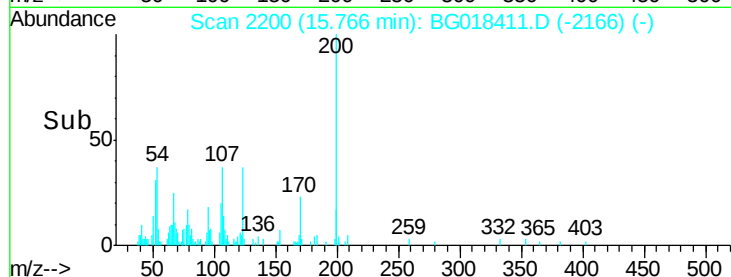
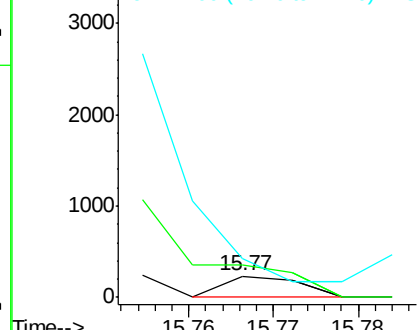
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.04 ng/ul
 RT: 15.77 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG018411.D
 Acq: 12 Aug 2015 23:39

Instrument :
 BNA_M
 ClientSampleId :
 MDL-03-S-ML

Tgt Ion:198 Resp: 148
 Ion Ratio Lower Upper
 198 100
 182 157.0 3.4 5.0#
 77 182.2 22.4 33.6#

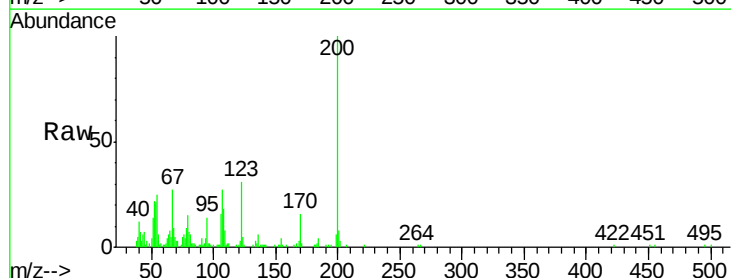


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BGC

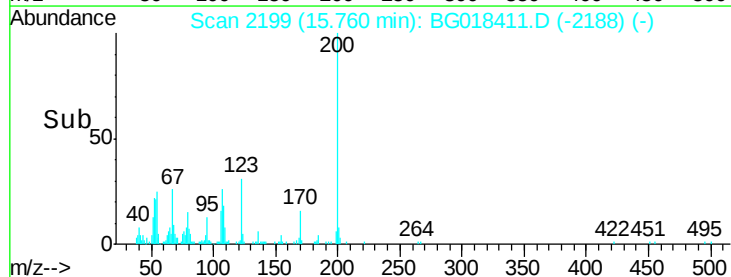
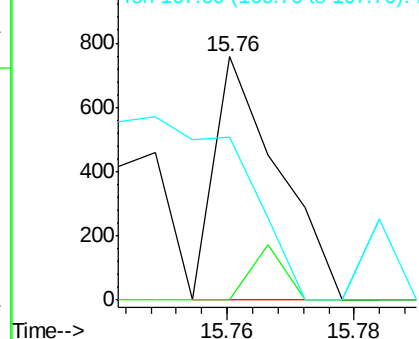


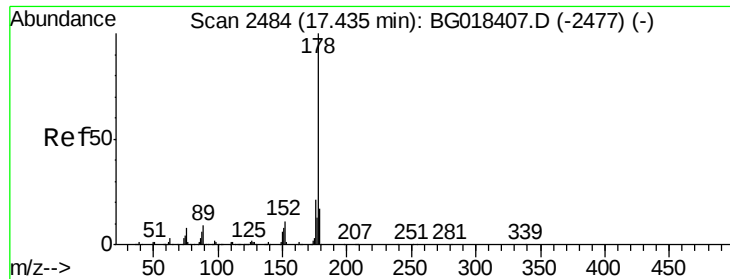
#65
 N-Nitrosodiphenylamine
 Concen: 0.03 ng/ul
 RT: 15.76 min Scan# 2199
 Delta R.T. -0.14 min
 Lab File: BG018411.D
 Acq: 12 Aug 2015 23:39

Tgt Ion:169 Resp: 528
 Ion Ratio Lower Upper
 169 100
 168 0.0 60.2 90.2#
 167 67.2 33.4 50.2#



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.42 min Scan# 2482

Delta R.T. -0.01 min

Lab File: BG018411.D

Acq: 12 Aug 2015 23:39

Instrument :

BNA_M

ClientSampleId :

MDL-03-S-ML

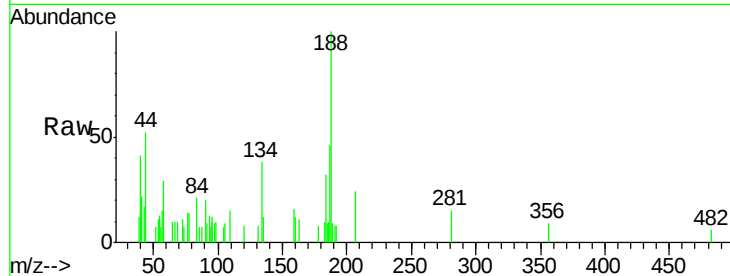
Tgt Ion:178 Resp: 64

Ion Ratio Lower Upper

178 100

179 0.0 13.7 20.5#

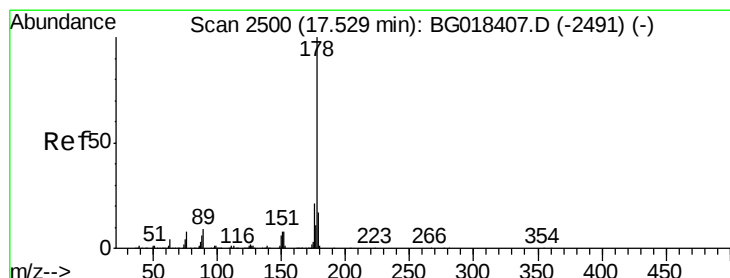
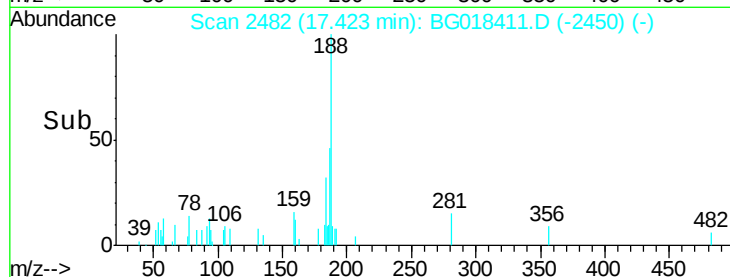
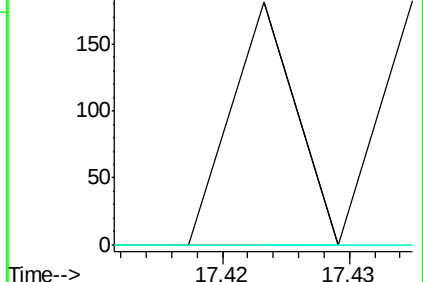
176 0.0 16.6 24.8#



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: 17.49 min Scan# 2493

Delta R.T. -0.04 min

Lab File: BG018411.D

Acq: 12 Aug 2015 23:39

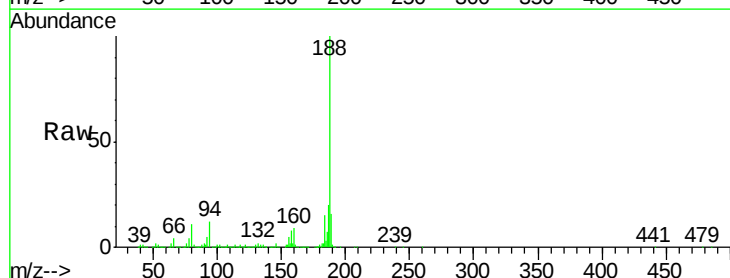
Tgt Ion:178 Resp: 362

Ion Ratio Lower Upper

178 100

179 160.8 13.0 19.4#

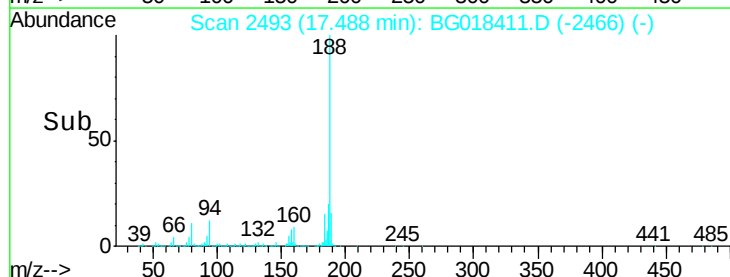
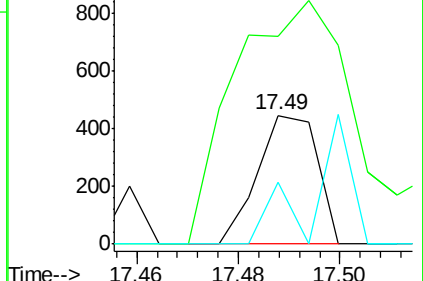
176 48.0 16.0 24.0#

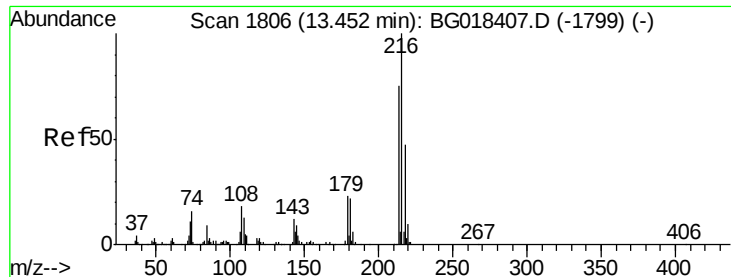


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#73

1,2,3,4-Tetrachlorobenzene

Concen: 0.01 ng/uL

RT: 13.35 min Scan# 1789

Delta R.T. -0.10 min

Lab File: BG018411.D

Acq: 12 Aug 2015 23:39

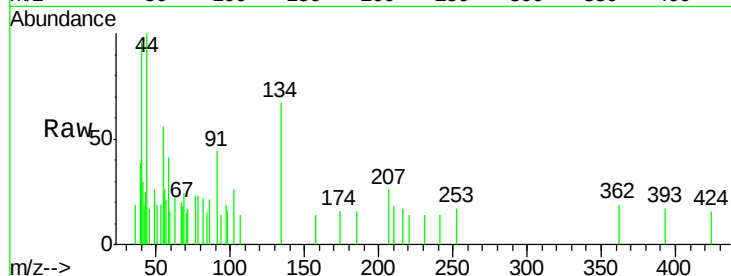
Instrument :

BNA_M

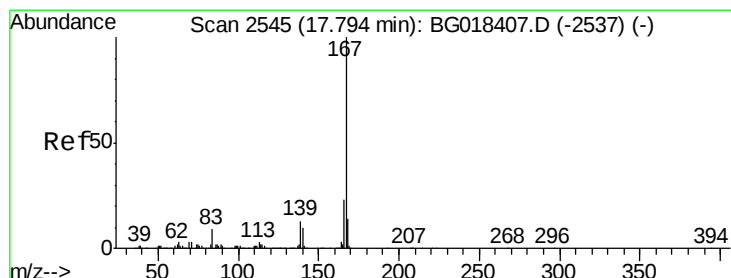
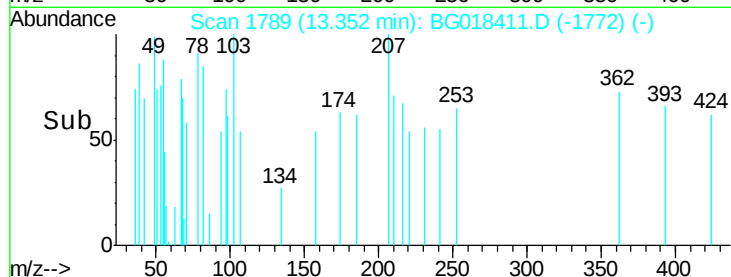
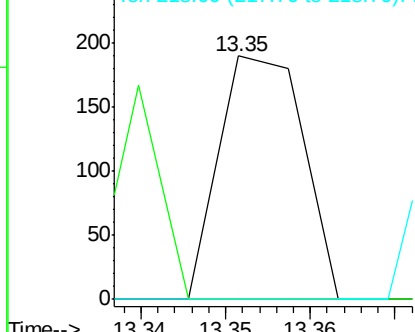
ClientSampled :

MDL-03-S-ML

Tgt Ion:	216	Resp:	130
Ion	Ratio	Lower	Upper
216	100		
214	0.0	64.0	96.0#
218	0.0	38.7	58.1#



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 218.00 (217.70 to 218.70): E



#75

Carbazole

Concen: 0.01 ng/uL

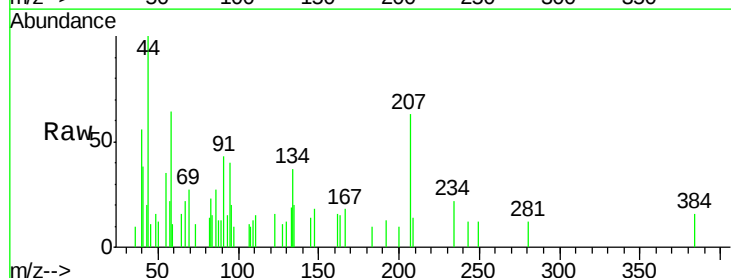
RT: 17.71 min Scan# 2531

Delta R.T. -0.08 min

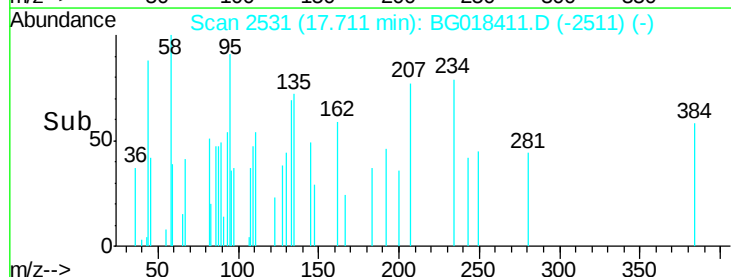
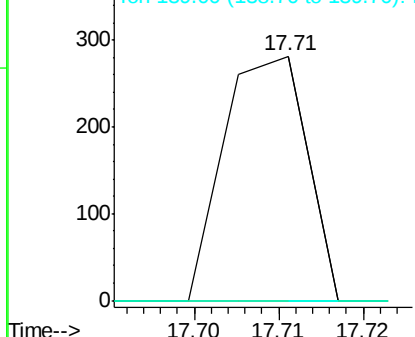
Lab File: BG018411.D

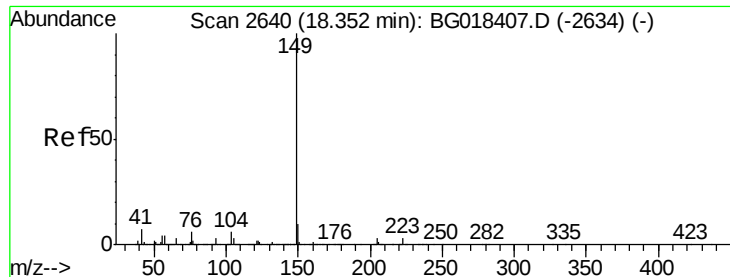
Acq: 12 Aug 2015 23:39

Tgt Ion:	167	Resp:	191
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

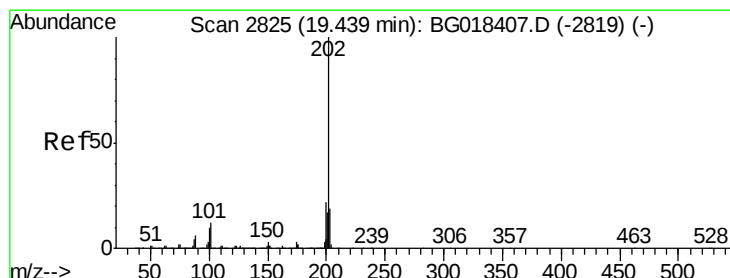
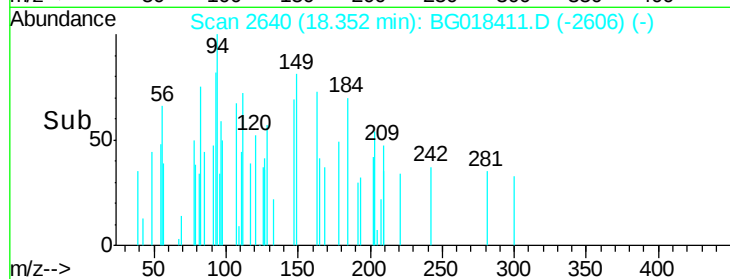
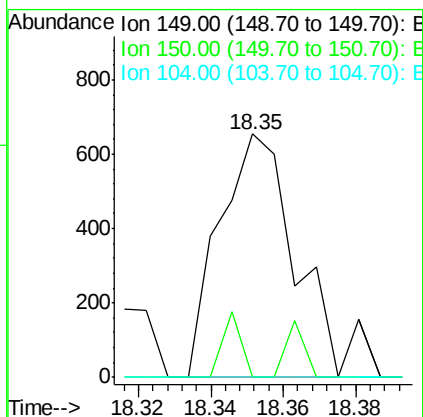
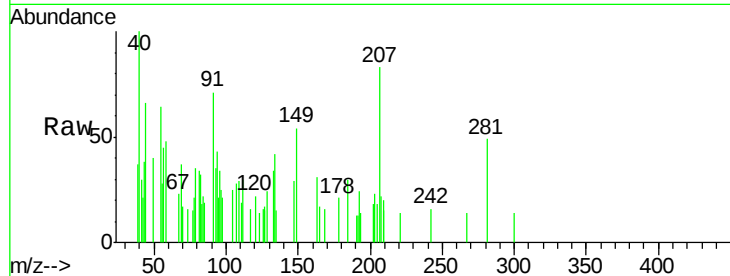




#76
Di-n-butylphthalate
Concen: 0.02 ng/ul
RT: 18.35 min Scan# 2640
Delta R.T. -0.00 min
Lab File: BG018411.D
Acq: 12 Aug 2015 23:39

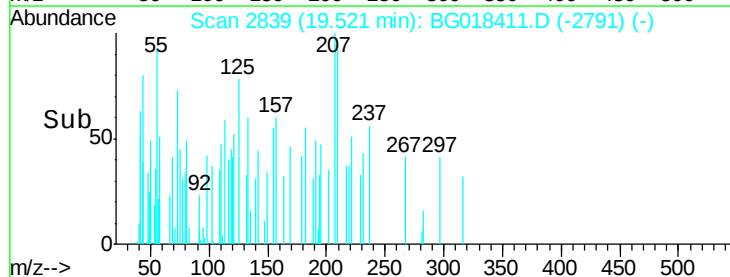
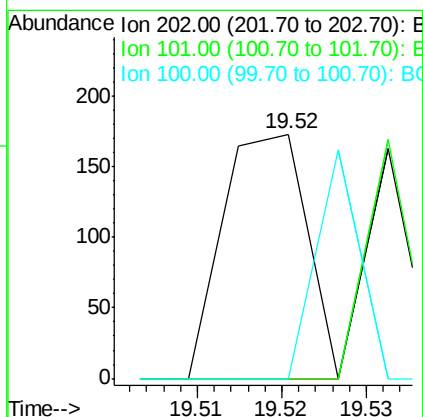
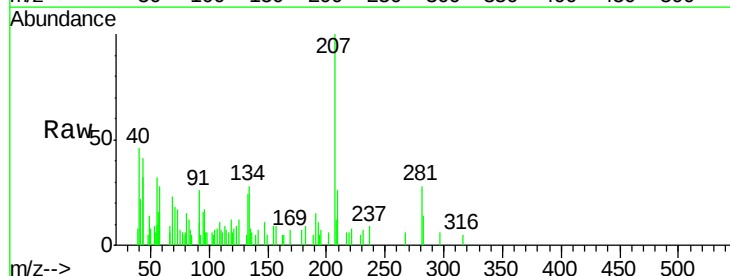
Instrument :
BNA_M
ClientSampleId :
MDL-03-S-ML

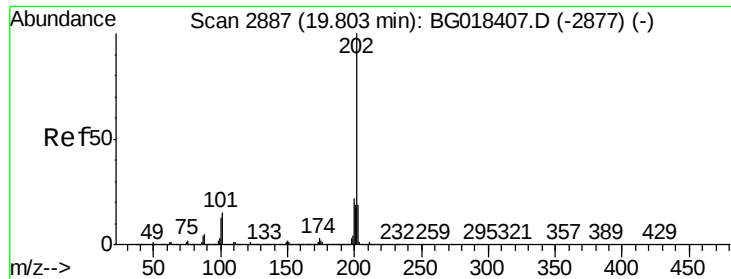
Tgt Ion:149 Resp: 936
Ion Ratio Lower Upper
149 100
150 0.0 7.5 11.3#
104 0.0 4.3 6.5#



#77
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.52 min Scan# 2839
Delta R.T. 0.08 min
Lab File: BG018411.D
Acq: 12 Aug 2015 23:39

Tgt Ion:202 Resp: 119
Ion Ratio Lower Upper
202 100
101 0.0 9.7 14.5#
100 0.0 7.8 11.8#





#80

Pyrene

Concen: 0.00 ng/ul

RT: 19.81 min Scan# 2888

Delta R.T. 0.01 min

Lab File: BG018411.D

Acq: 12 Aug 2015 23:39

Instrument :

BNA_M

ClientSampleId :

MDL-03-S-ML

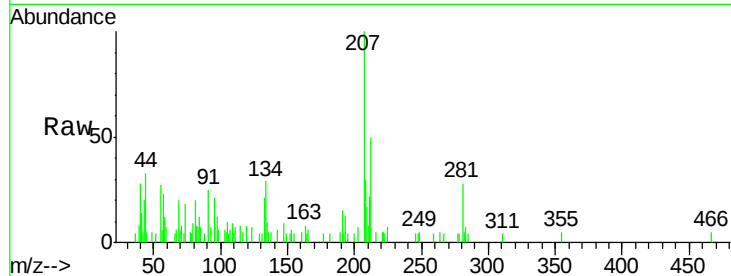
Tgt Ion:202 Resp: 182

Ion Ratio Lower Upper

202 100

101 0.0 11.0 16.4#

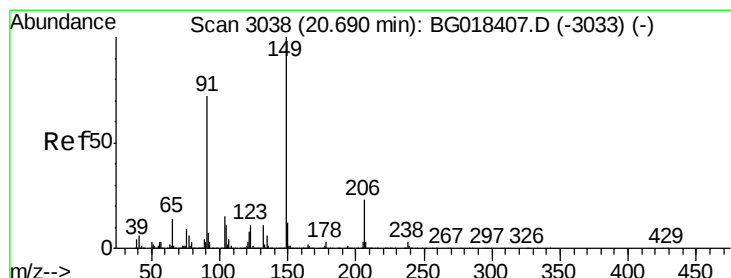
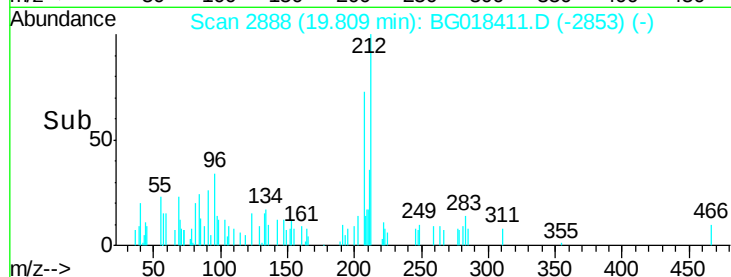
100 0.0 9.8 14.6#



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: 0.01 ng/ul

RT: 20.68 min Scan# 3037

Delta R.T. -0.01 min

Lab File: BG018411.D

Acq: 12 Aug 2015 23:39

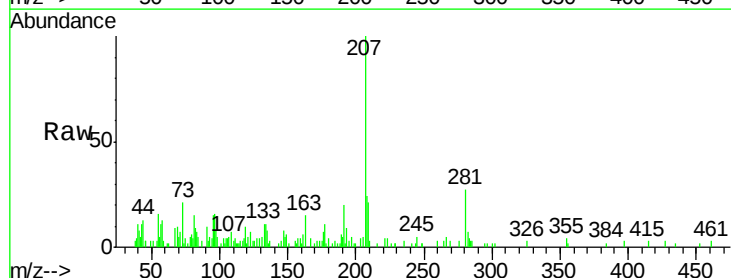
Tgt Ion:149 Resp: 226

Ion Ratio Lower Upper

149 100

91 172.1 57.9 86.9#

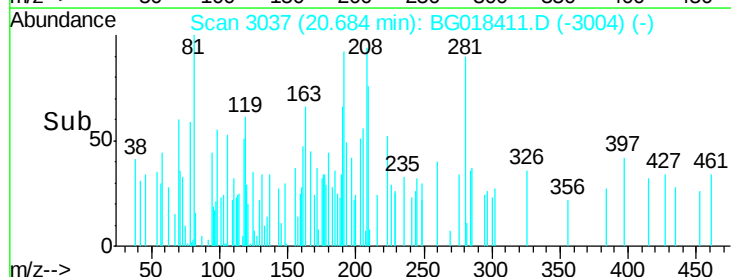
206 0.0 17.9 26.9#

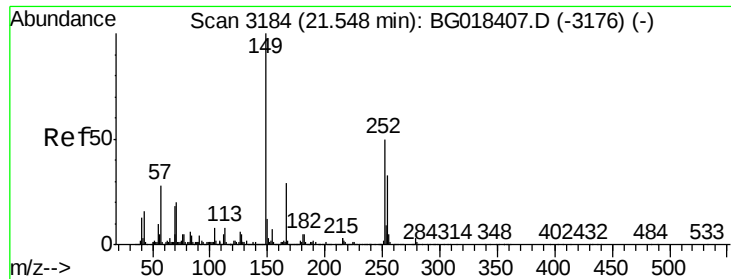


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#82

3,3'-Dichlorobenzidine

Concen: 0.02 ng/ul

RT: 21.55 min Scan# 3184

Delta R.T. -0.00 min

Lab File: BG018411.D

Acq: 12 Aug 2015 23:39

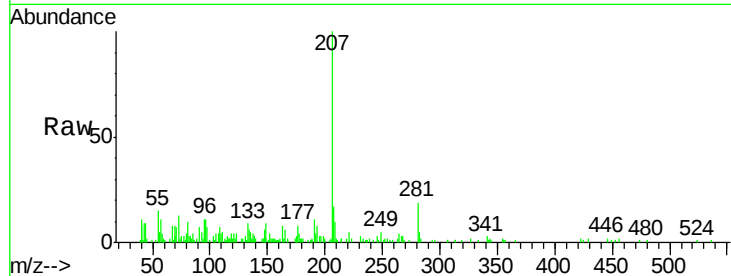
Instrument :

BNA_M

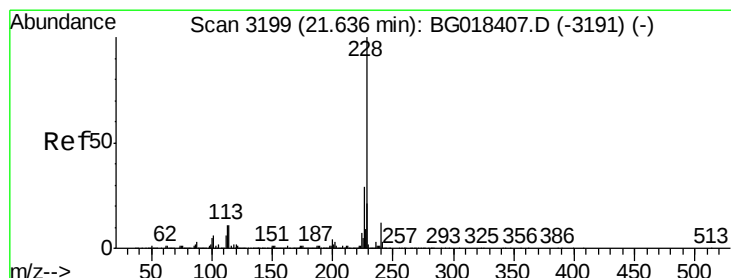
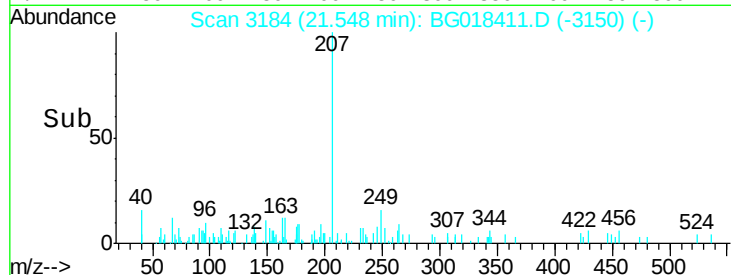
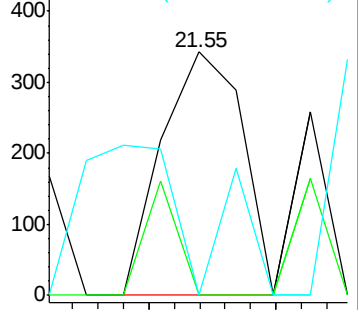
ClientSampleId :

MDL-03-S-ML

Tgt Ion:	252	Resp:	300
Ion	Ratio	Lower	Upper
252	100		
254	0.0	50.9	76.3#
126	0.0	9.6	14.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#83

Benzo(a)anthracene

Concen: 0.00 ng/ul

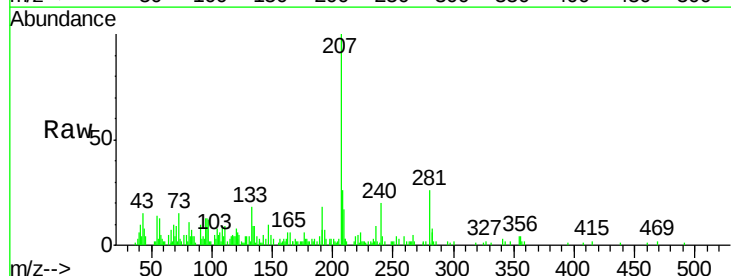
RT: 21.62 min Scan# 3196

Delta R.T. -0.02 min

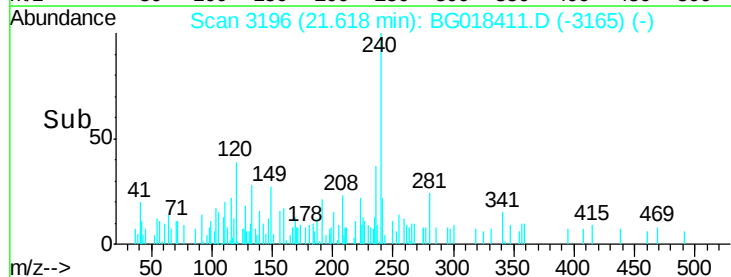
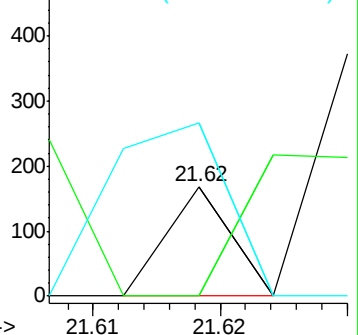
Lab File: BG018411.D

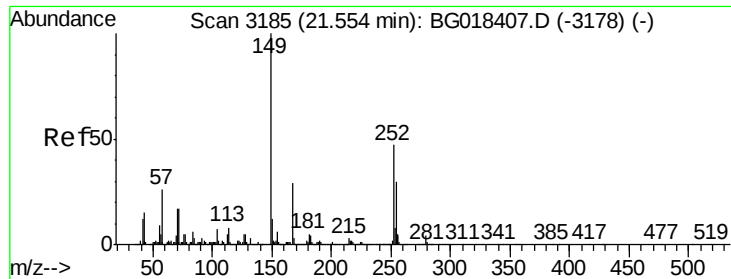
Acq: 12 Aug 2015 23:39

Tgt Ion:	228	Resp:	60
Ion	Ratio	Lower	Upper
228	100		
229	120.1	15.5	23.3#
226	157.4	22.1	33.1#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.07 ng/ul

RT: 21.55 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BG018411.D

Acq: 12 Aug 2015 23:39

Instrument :

BNA_M

ClientSampleId :

MDL-03-S-ML

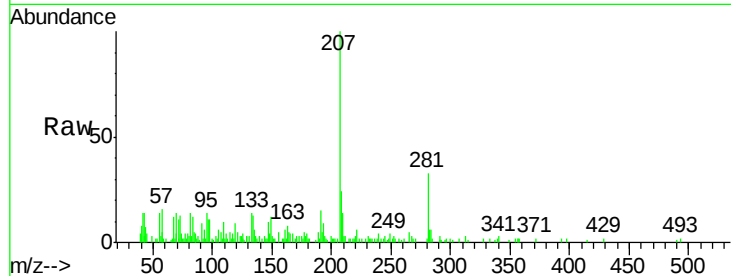
Tgt Ion:149 Resp: 1978

Ion Ratio Lower Upper

149 100

167 35.6 22.2 33.2#

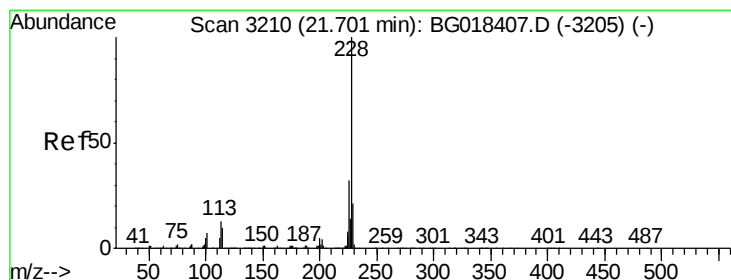
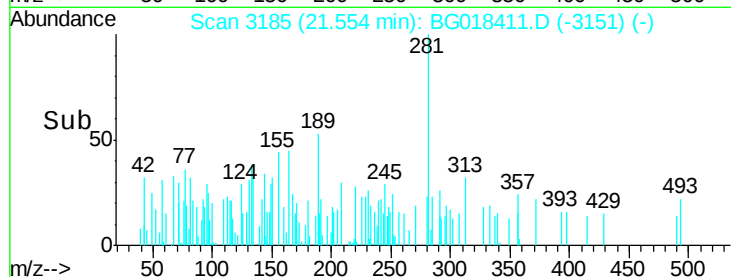
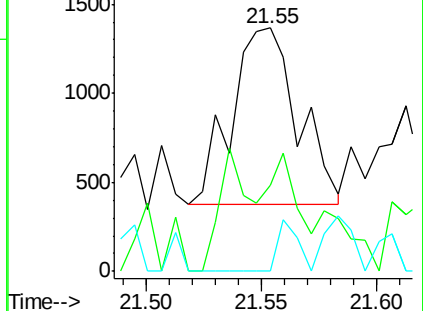
279 0.0 2.8 4.2#



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: 0.00 ng/ul

RT: 21.71 min Scan# 3212

Delta R.T. 0.01 min

Lab File: BG018411.D

Acq: 12 Aug 2015 23:39

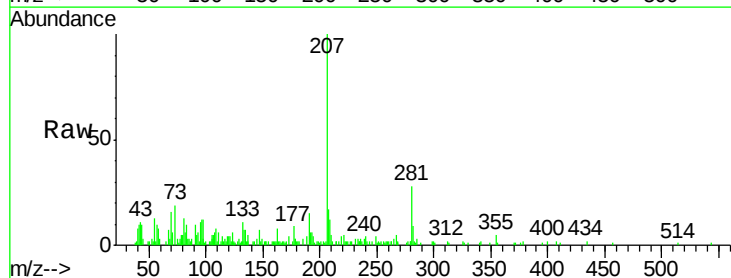
Tgt Ion:228 Resp: 71

Ion Ratio Lower Upper

228 100

226 0.0 26.5 39.7#

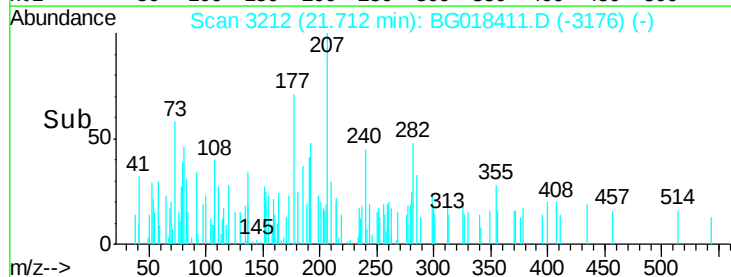
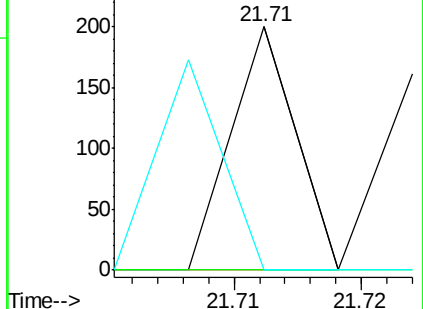
229 0.0 16.9 25.3#

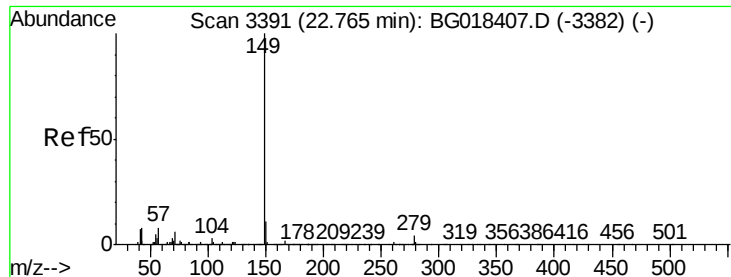


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

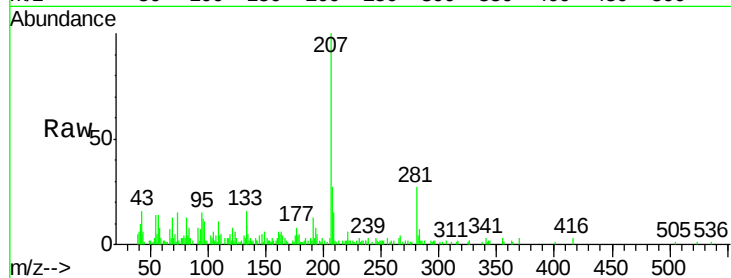




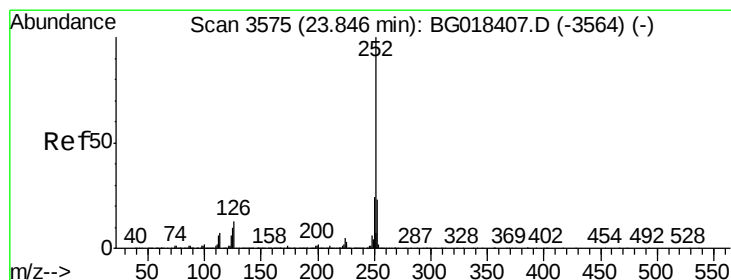
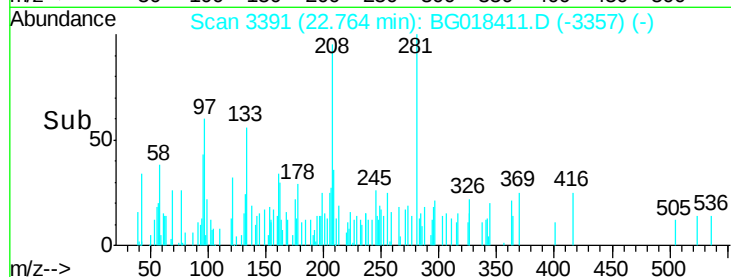
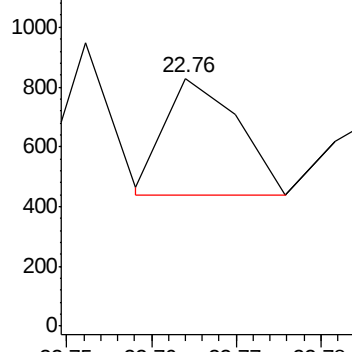
#87
Di-n-octyl phthalate
Concen: 0.01 ng/ul
RT: 22.76 min Scan# 3391
Delta R.T. -0.00 min
Lab File: BG018411.D
Acq: 12 Aug 2015 23:39

Instrument :
BNA_M
ClientSampleId :
MDL-03-S-ML

Tgt Ion:149 Resp: 234

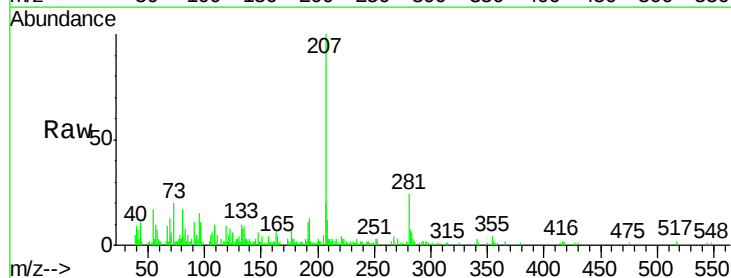


Abundance Ion 149.00 (148.70 to 149.70): E

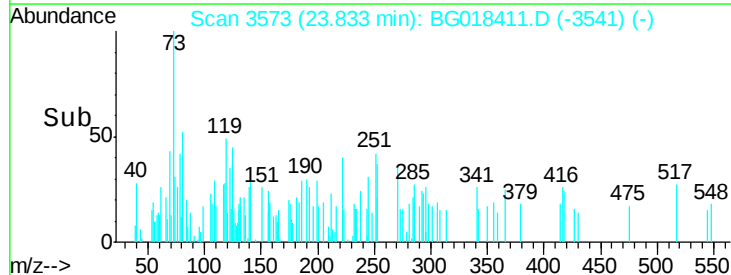
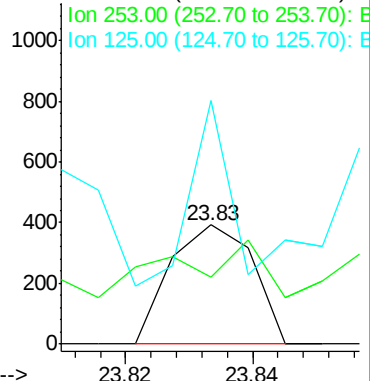


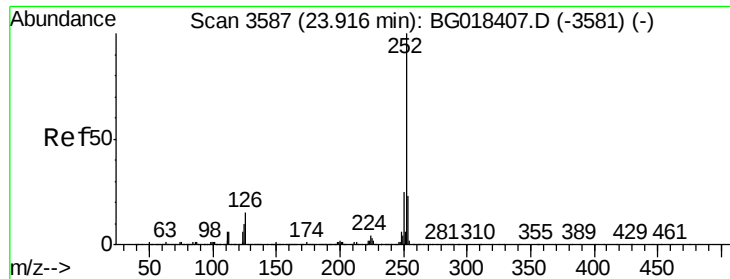
#88
Benzo(b)fluoranthene
Concen: 0.01 ng/ul
RT: 23.83 min Scan# 3573
Delta R.T. -0.01 min
Lab File: BG018411.D
Acq: 12 Aug 2015 23:39

Tgt Ion:252 Resp: 352
Ion Ratio Lower Upper
252 100
253 55.7 18.1 27.1#
125 204.1 8.3 12.5#



Abundance Ion 252.00 (251.70 to 252.70): E





#89

Benzo(k)fluoranthene

Concen: 0.01 ng/ul

RT: 23.91 min Scan# 3586

Delta R.T. -0.01 min

Lab File: BG018411.D

Acq: 12 Aug 2015 23:39

Instrument :

BNA_M

ClientSampleId :

MDL-03-S-ML

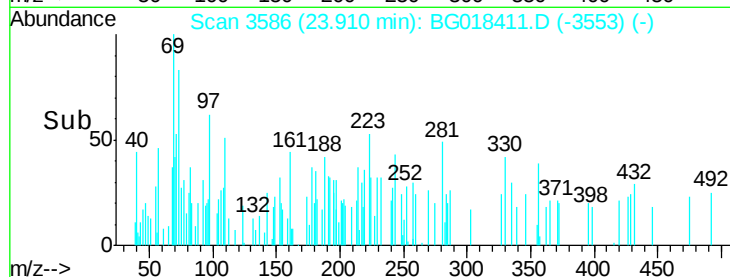
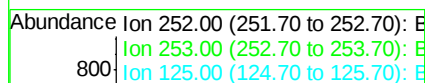
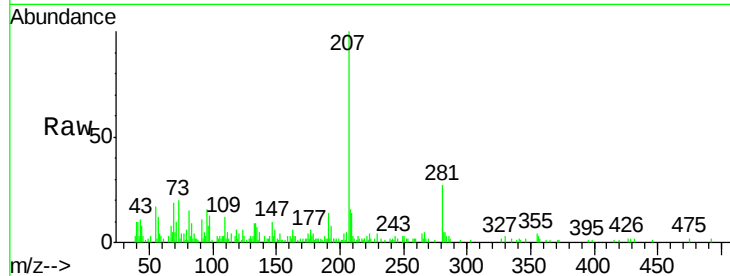
Tgt Ion:252 Resp: 218

Ion Ratio Lower Upper

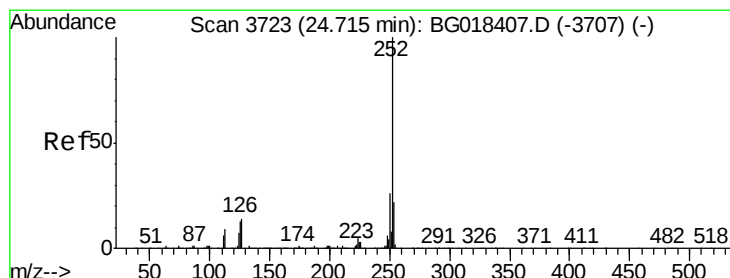
252 100

253 110.2 17.8 26.6#

125 171.8 9.0 13.4#



Time-->



#91

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 24.71 min Scan# 3723

Delta R.T. -0.00 min

Lab File: BG018411.D

Acq: 12 Aug 2015 23:39

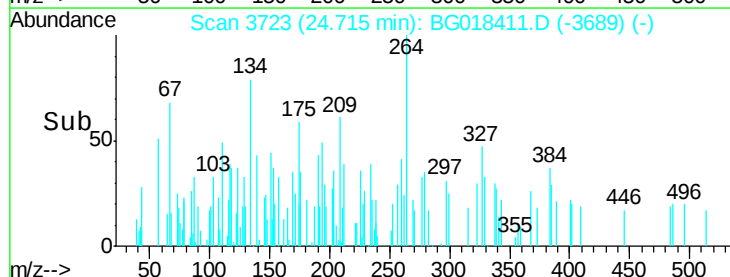
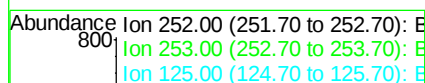
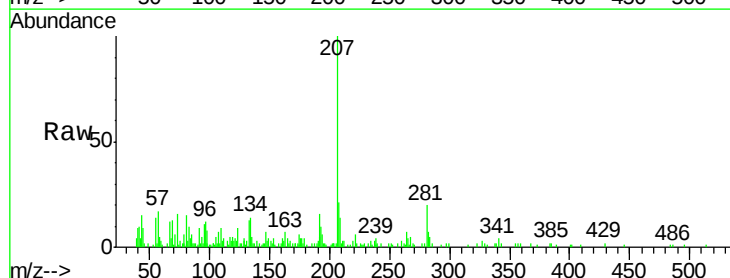
Tgt Ion:252 Resp: 61

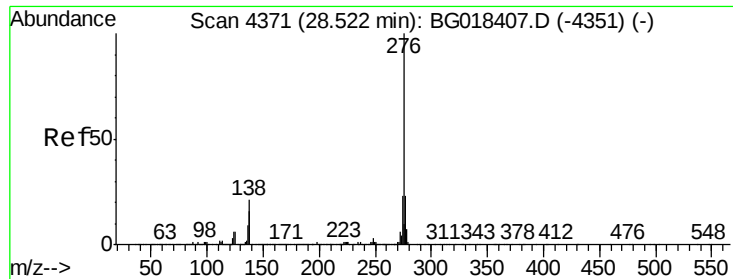
Ion Ratio Lower Upper

252 100

253 0.0 17.7 26.5#

125 146.5 10.2 15.2#





#92

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 28.51 min Scan# 4369

Delta R.T. -0.01 min

Lab File: BG018411.D

Acq: 12 Aug 2015 23:39

Instrument :

BNA_M

ClientSampleId :

MDL-03-S-ML

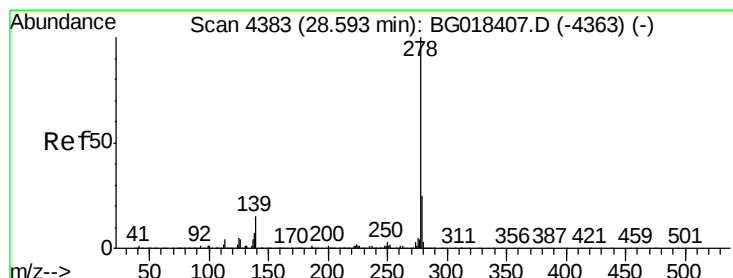
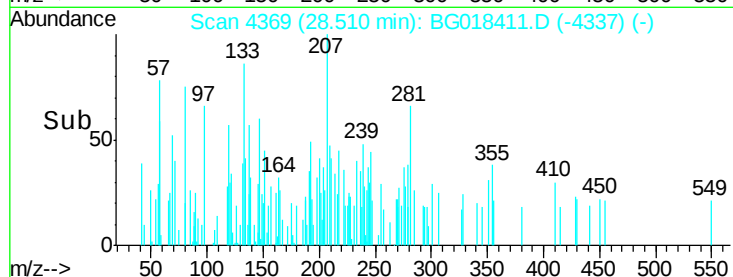
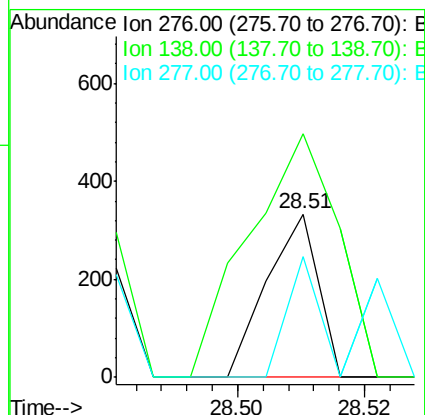
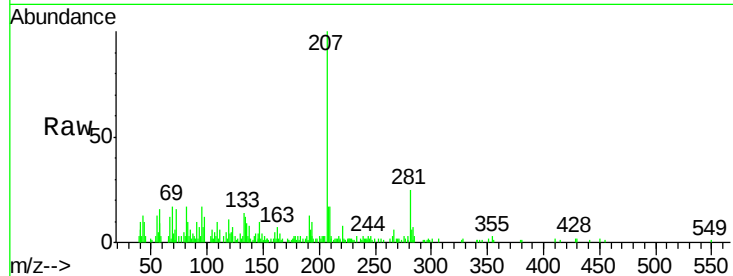
Tgt Ion:276 Resp: 187

Ion Ratio Lower Upper

276 100

138 149.2 15.8 23.6#

277 73.9 18.9 28.3#



#93

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 28.58 min Scan# 4381

Delta R.T. -0.01 min

Lab File: BG018411.D

Acq: 12 Aug 2015 23:39

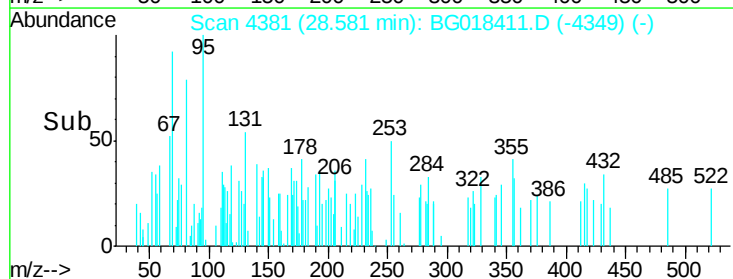
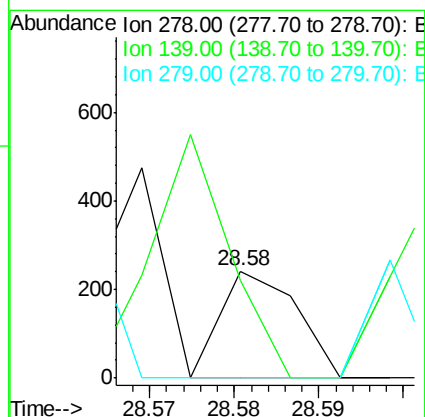
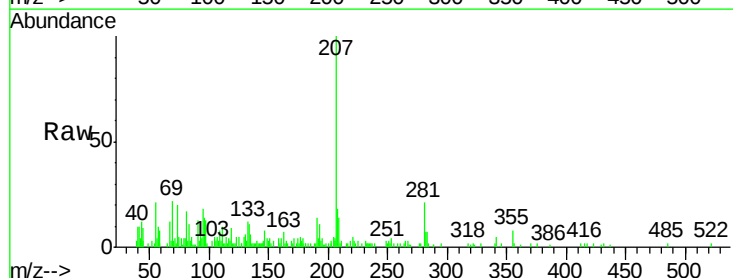
Tgt Ion:278 Resp: 151

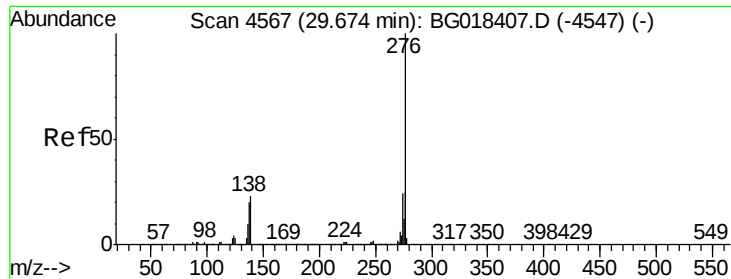
Ion Ratio Lower Upper

278 100

139 91.3 13.8 20.6#

279 0.0 17.8 26.8#





#94

Benzo(g,h,i)perylene

Concen: 0.01 ng/ul

RT: 29.70 min Scan# 4571

Delta R.T. 0.02 min

Lab File: BG018411.D

Acq: 12 Aug 2015 23:39

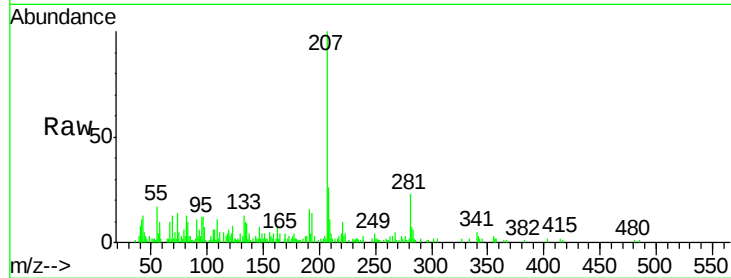
Instrument :

BNA_M

ClientSampleId :

MDL-03-S-ML

Tgt Ion:	276	Resp:	274
Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.5	24.7#
277	45.7	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

