

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081215\
 Data File : BG018420.D
 Acq On : 13 Aug 2015 5:21
 Operator : UM/MA
 Sample : MDL-02-W
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 MDL-02-W

Quant Time: Aug 13 05:56:08 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 04:56:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	121772	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	546116	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.65	164	361800	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	886169	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	902989	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	905269	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	13156	4.77	ng/uL	0.00
5) Phenol-d5	7.18	99	270730	24.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	171822	25.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	207962	24.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	229534	24.72	ng/ul	0.00
19) Nitrobenzene-d5	9.18	128	113521	26.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	122479	28.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	228108	24.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	323302	31.09	ng/ul	0.00
44) Dimethylphthalate-d6	14.05	166	797613	26.20	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	959253	25.02	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	150444	27.48	ng/ul	0.00
58) Fluorene-d10	15.63	176	695141	26.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	100492	23.05	ng/ul	0.00
71) Anthracene-d10	17.49	188	1105731	26.09	ng/ul	0.00
79) Pyrene-d10	19.77	212	1212642	25.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.64	264	1278406	26.60	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	360	0.12	ng/uL#	28
4) Benzaldehyde	7.15	77	243	0.04	ng/ul#	33
6) Phenol	7.17	94	297	0.03	ng/ul#	1
8) Bis(2-Chloroethyl)ether	7.43	93	1444	0.17	ng/ul#	83
10) 2-Chlorophenol	7.61	128	62	0.01	ng/ul#	33
11) 2-Methylphenol	8.36	108	54	0.01	ng/ul#	4
12) 2,2'-oxybis(1-Chloropropan	8.55	45	152	0.01	ng/ul#	69
14) Acetophenone	8.84	105	324	0.02	ng/ul#	71
15) N-Nitroso-di-n-propylamine	8.82	70	53	0.01	ng/ul#	36
16) 4-Methylphenol	8.77	108	63	0.01	ng/ul#	1
17) Hexachloroethane	9.14	117	162	0.04	ng/ul#	10
20) Nitrobenzene	9.21	77	86	0.01	ng/ul#	42
21) Isophorone	9.69	82	127	0.01	ng/ul#	16
23) 2-Nitrophenol	9.93	139	70	0.01	ng/ul#	1
24) 2,4-Dimethylphenol	9.97	107	120	0.01	ng/ul#	68
25) Bis(2-Chloroethoxy)methane	10.19	93	132	0.01	ng/ul#	52
27) 2,4-Dichlorophenol	10.46	162	160	0.02	ng/ul#	1
28) Naphthalene	10.88	128	257	0.01	ng/ul#	8
30) 4-Chloroaniline	10.97	127	64	0.01	ng/ul#	41
32) Caprolactam	11.70	113	179	0.05	ng/ul#	29
33) 4-Chloro-3-methylphenol	12.10	107	91	0.01	ng/ul#	18
34) 2-Methylnaphthalene	12.52	142	83	0.00	ng/ul#	1
35) 1-Methylnaphthalene	12.69	142	51898	2.54	ng/ul	89

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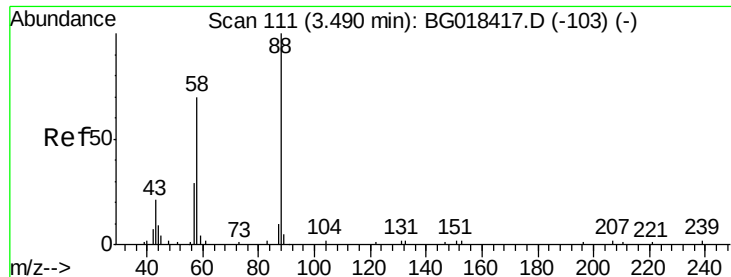
Instrument :
 BNA_M
 ClientSampleId :
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Quant Time: Aug 13 05:56:08 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

40) 2,4,5-Trichlorophenol	13.16	196	73	0.01	ng/ul#	13
43) 2-Nitroaniline	13.68	65	120	0.02	ng/ul#	33
45) Dimethylphthalate	14.12	163	57	0.00	ng/ul#	78
46) 2,6-Dinitrotoluene	14.21	165	168	0.03	ng/ul#	75
48) Acenaphthylene	14.35	152	142	0.00	ng/ul#	61
53) 4-Nitrophenol	14.86	109	116	0.02	ng/ul#	1
57) Diethylphthalate	15.45	149	1163	0.04	ng/ul#	76
59) Fluorene	15.73	166	175	0.01	ng/ul#	1
61) 4-Nitroaniline	15.72	138	67	0.01	ng/ul#	68
64) 4,6-Dinitro-2-methylphenol	15.75	198	590	0.13	ng/ul#	1
65) N-Nitrosodiphenylamine	15.76	169	539	0.02	ng/ul#	72
70) Phenanthrene	17.39	178	568	0.01	ng/ul#	2
72) Anthracene	17.49	178	832	0.02	ng/ul#	1
73) 1,2,3,4-Tetrachlorobenzene	13.60	216	111	0.01	ng/ul#	17
75) Carbazole	17.68	167	105	0.00	ng/ul#	32
76) Di-n-butylphthalate	18.35	149	1208	0.02	ng/ul#	78
77) Fluoranthene	19.43	202	152	0.00	ng/ul#	71
80) Pyrene	19.82	202	150	0.00	ng/ul#	1
81) Butylbenzylphthalate	20.69	149	153	0.01	ng/ul#	1
82) 3,3'-Dichlorobenzidine	21.55	252	163	0.01	ng/ul#	46
83) Benzo(a)anthracene	21.65	228	3602	0.06	ng/ul#	49
84) Bis(2-ethylhexyl)phthalate	21.54	149	789	0.02	ng/ul#	74
85) Chrysene	21.65	228	3602	0.07	ng/ul#	48
87) Di-n-octyl phthalate	22.75	149	480	0.01	ng/ul	100
88) Benzo(b)fluoranthene	23.83	252	76	0.00	ng/ul#	1
89) Benzo(k)fluoranthene	23.92	252	133	0.00	ng/ul#	16
91) Benzo(a)pyrene	24.74	252	308	0.01	ng/ul#	1
92) Indeno(1,2,3-cd)pyrene	28.53	276	69	0.00	ng/ul#	54
93) Dibenzo(a,h)anthracene	28.47	278	154	0.00	ng/ul#	1
94) Benzo(g,h,i)perylene	29.67	276	111	0.00	ng/ul#	1

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



#2

1,4-Dioxane

Concen: 0.12 ng/uL

RT: 3.50 min Scan# 113

Delta R.T. 0.01 min

Lab File: BG018420.D

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Instrument :

BNA_M

ClientSampleId :

MDL-02-W

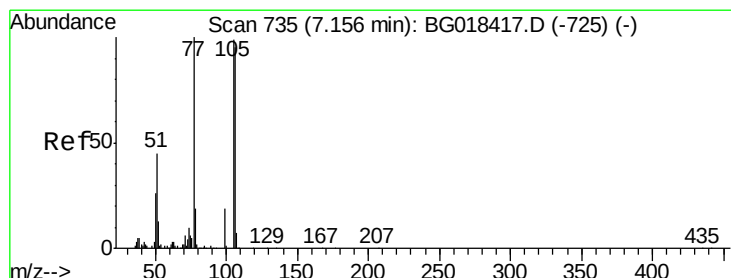
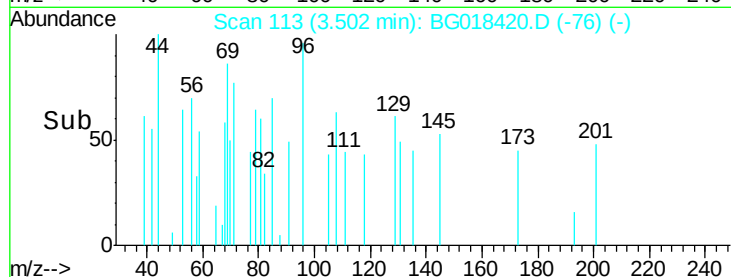
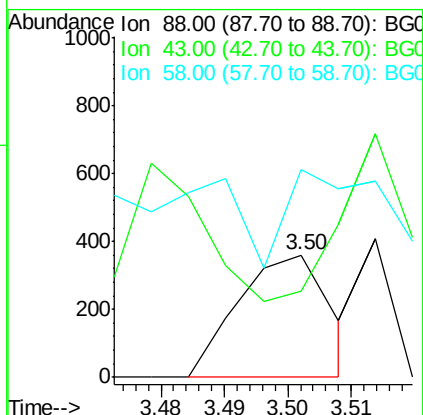
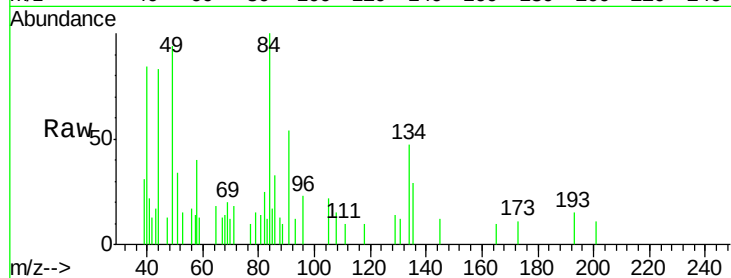
Tgt Ion: 88 Resp: 360

Ion Ratio Lower Upper

88 100

43 70.8 33.0 49.4#

58 170.5 73.4 110.0#



#4

Benzaldehyde

Concen: 0.04 ng/uL

RT: 7.15 min Scan# 734

Delta R.T. -0.01 min

Lab File: BG018420.D

Acq: 13 Aug 2015 5:21

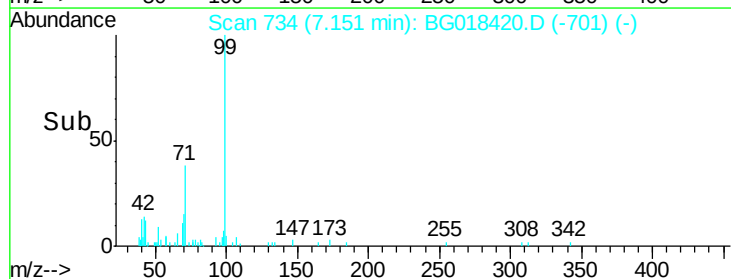
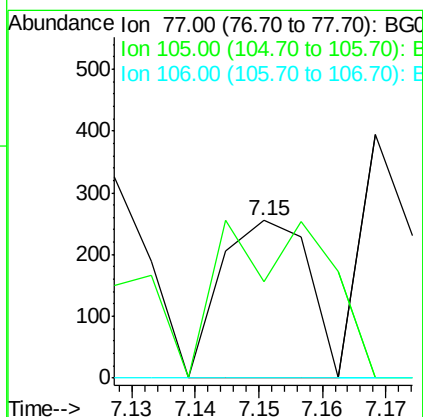
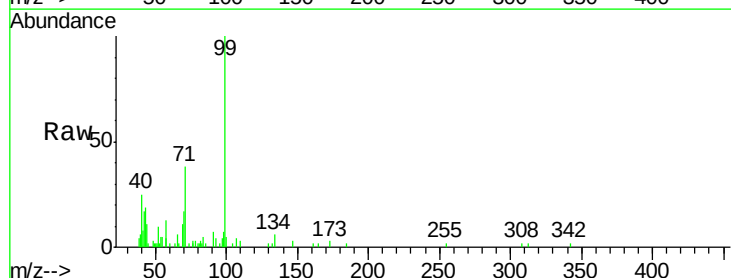
Tgt Ion: 77 Resp: 243

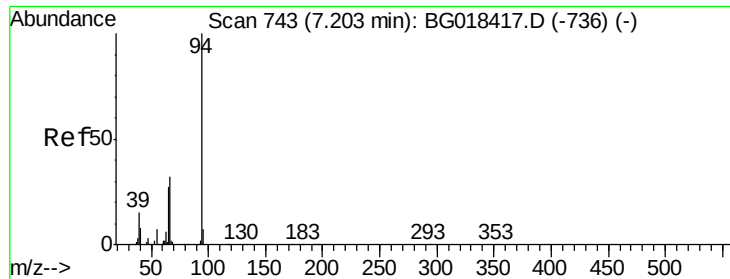
Ion Ratio Lower Upper

77 100

105 61.2 78.2 117.2#

106 0.0 76.8 115.2#





#6

Phenol

Concen: 0.03 ng/ul

RT: 7.17 min Scan# 737

Delta R.T. -0.04 min

Lab File: BG018420.D

Acq: 13 Aug 2015 5:21

Instrument :

BNA_M

ClientSampleId :

MDL-02-W

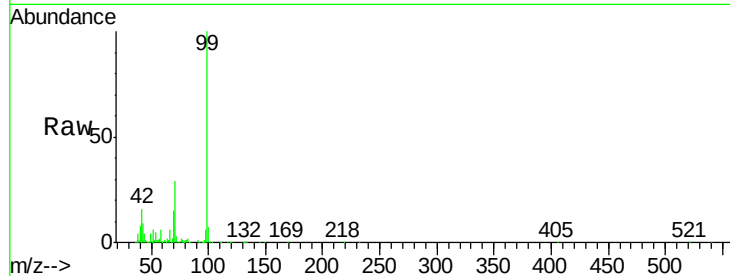
Tgt Ion: 94 Resp: 297

Ion Ratio Lower Upper

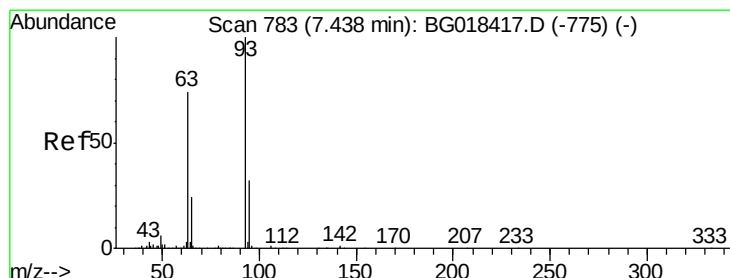
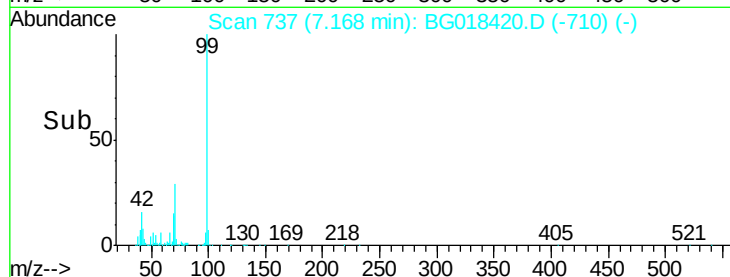
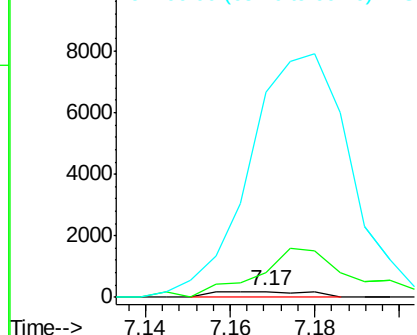
94 100

65 425.0 23.0 34.6#

66 3462.5 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: 0.17 ng/ul

RT: 7.43 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG018420.D

Acq: 13 Aug 2015 5:21

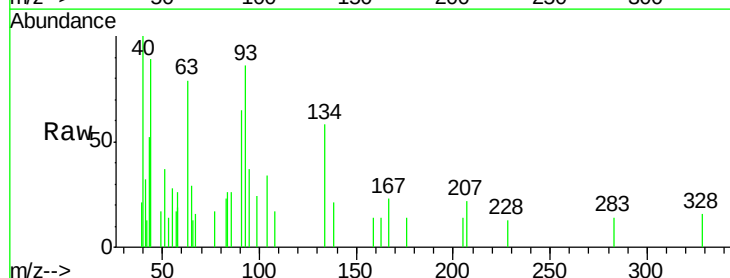
Tgt Ion: 93 Resp: 1444

Ion Ratio Lower Upper

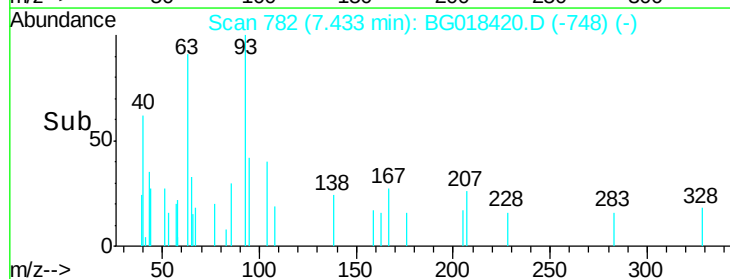
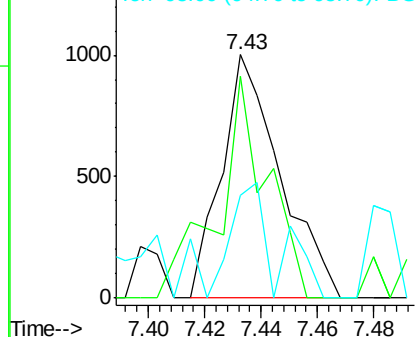
93 100

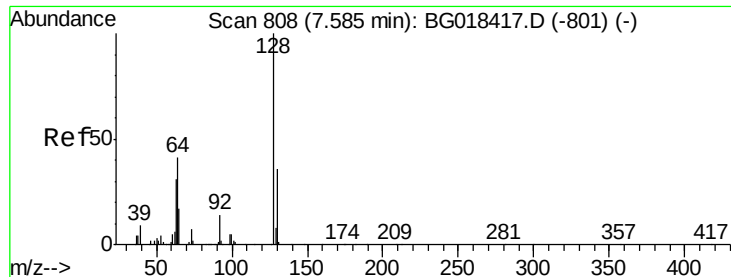
63 91.1 61.4 92.2

95 42.4 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

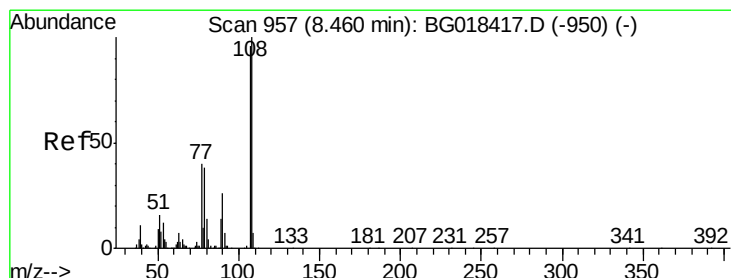
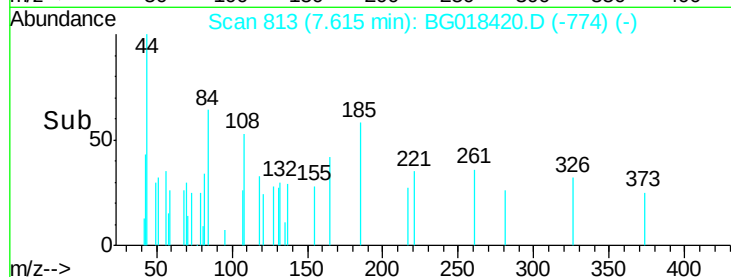
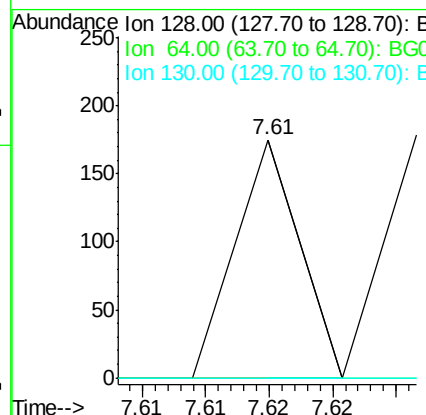
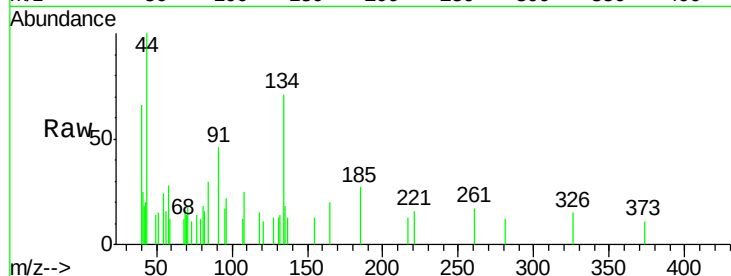




#10
2-Chlorophenol
Concen: 0.01 ng/ul
RT: 7.61 min Scan# 813
Delta R.T. 0.03 min
Lab File: BG018420.D
Acq: 13 Aug 2015 5:21

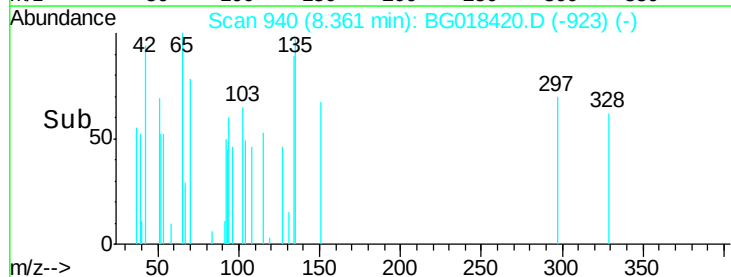
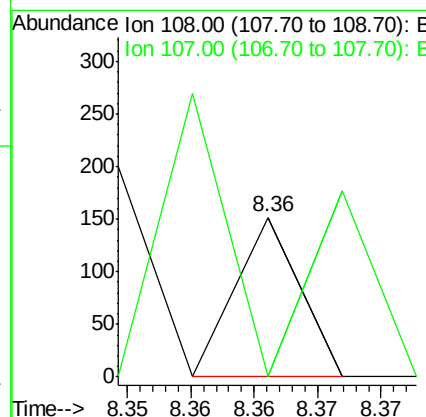
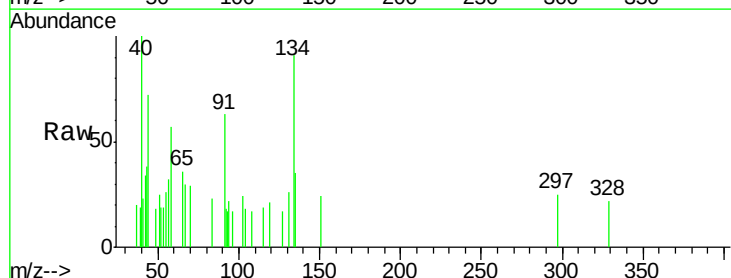
Instrument :
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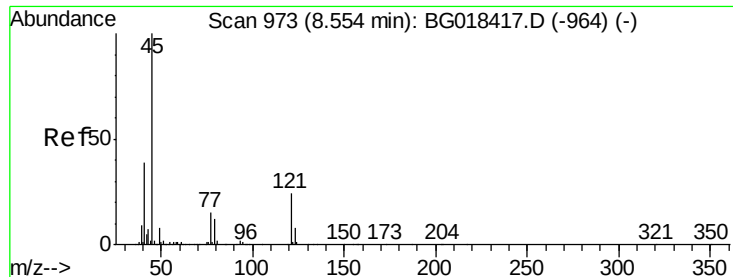
Tgt Ion	Ratio	Lower	Upper
128	100		
64	0.0	40.9	61.3#
130	0.0	24.5	36.7#



#11
2-Methylphenol
Concen: 0.01 ng/ul
RT: 8.36 min Scan# 940
Delta R.T. -0.10 min
Lab File: BG018420.D
Acq: 13 Aug 2015 5:21

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

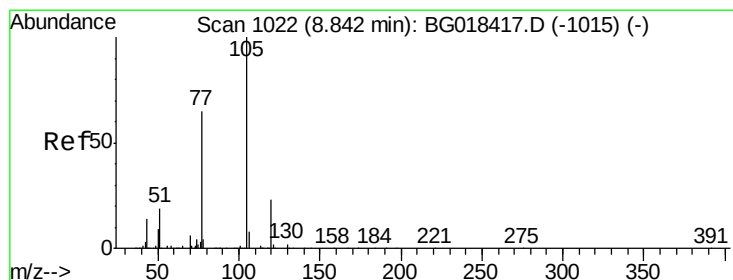
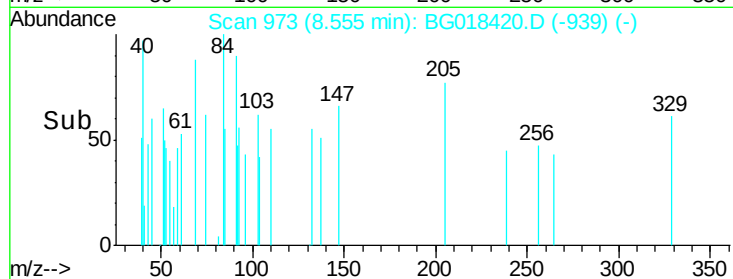
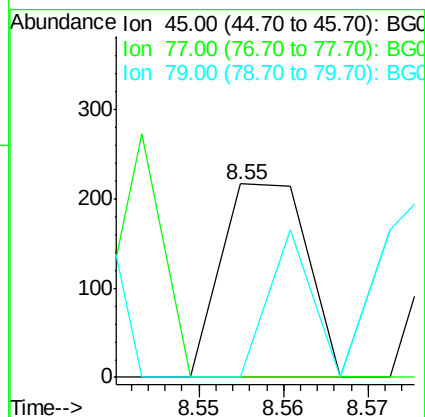
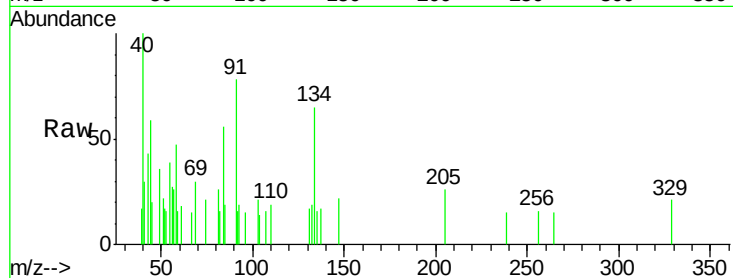




#12
2,2'-oxybis(1-Chloropropane)
Concen: 0.01 ng/ul
RT: 8.55 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG018420.D
Acq: 13 Aug 2015 5:21

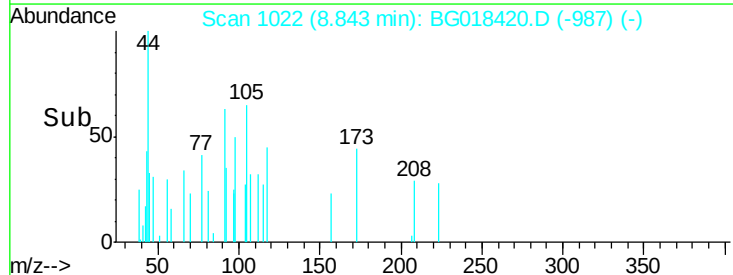
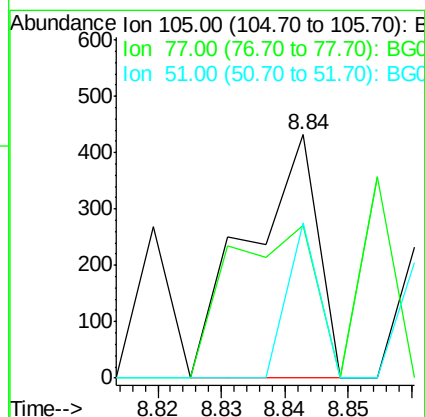
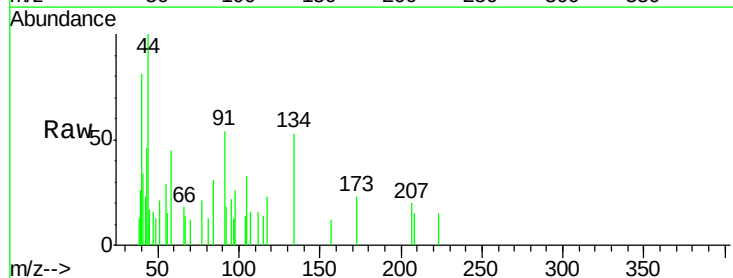
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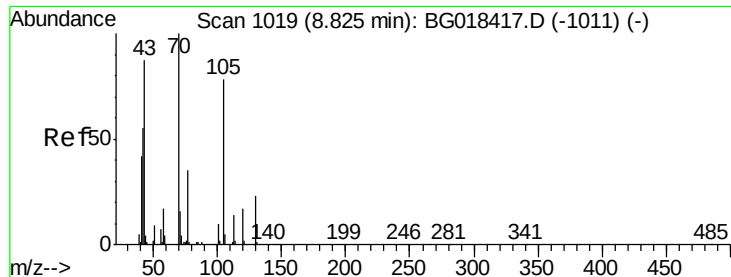
Tgt Ion: 45 Resp: 152
Ion Ratio Lower Upper
45 100
77 0.0 11.3 16.9#
79 0.0 7.8 11.8#



#14
Acetophenone
Concen: 0.02 ng/ul
RT: 8.84 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG018420.D
Acq: 13 Aug 2015 5:21

Tgt Ion: 105 Resp: 324
Ion Ratio Lower Upper
105 100
77 62.7 61.9 92.9
51 63.7 25.5 38.3#

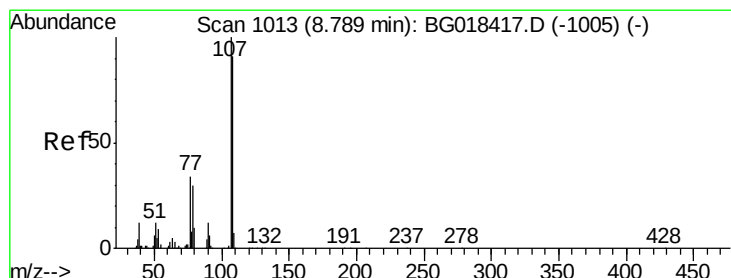
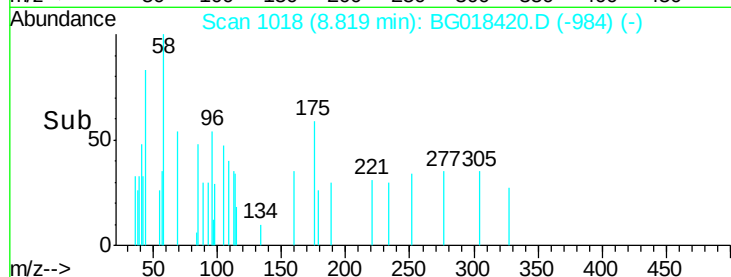
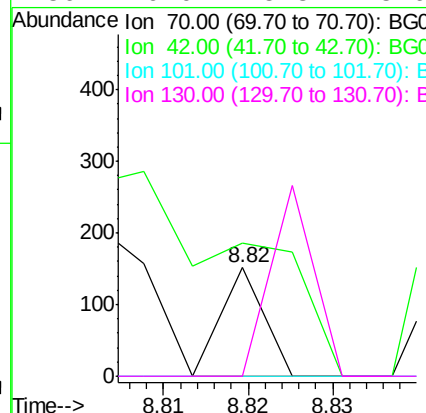
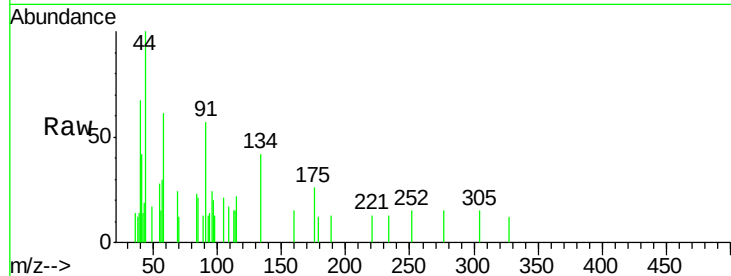




#15
N-Nitroso-di-n-propylamine
Concen: 0.01 ng/ul
RT: 8.82 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG018420.D
Acq: 13 Aug 2015 5:21

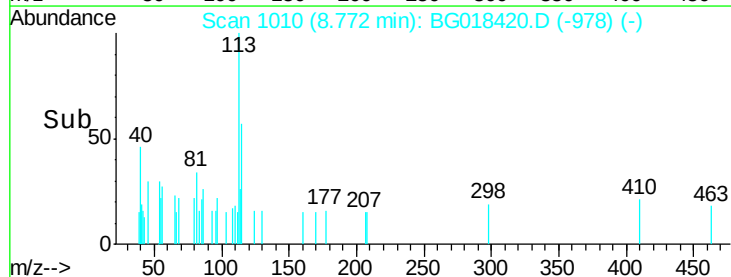
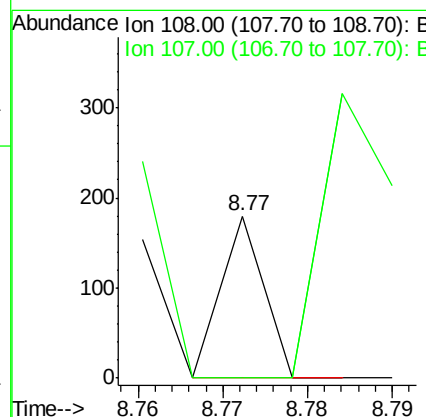
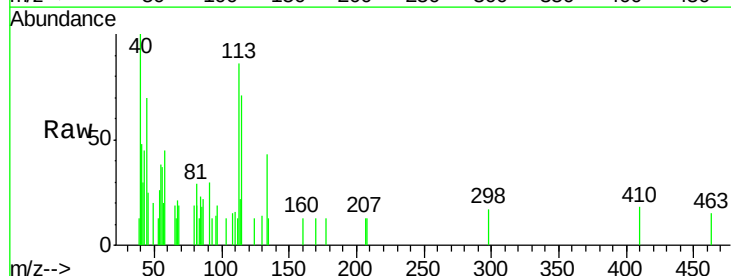
Instrument :
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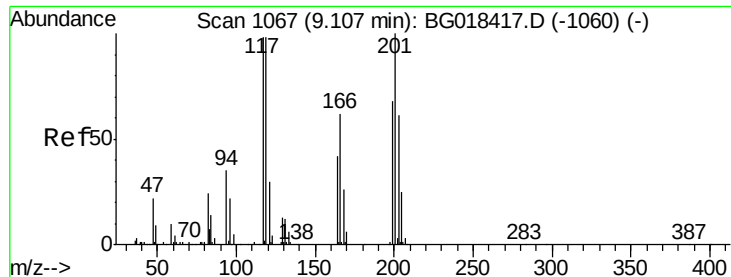
Tgt Ion: 70 Resp: 53
Ion Ratio Lower Upper
70 100
42 123.2 50.7 76.1#
101 0.0 7.4 11.2#
130 0.0 15.8 23.6#



#16
4-Methylphenol
Concen: 0.01 ng/ul
RT: 8.77 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG018420.D
Acq: 13 Aug 2015 5:21

Tgt Ion: 108 Resp: 63
Ion Ratio Lower Upper
108 100
107 0.0 94.6 142.0#





#17

Hexachloroethane

Concen: 0.04 ng/ul

RT: 9.14 min Scan# 1072

Delta R.T. 0.03 min

Lab File: BG018420.D

Acq: 13 Aug 2015 5:21

Instrument :

BNA_M

ClientSampleId :

MDL-02-W

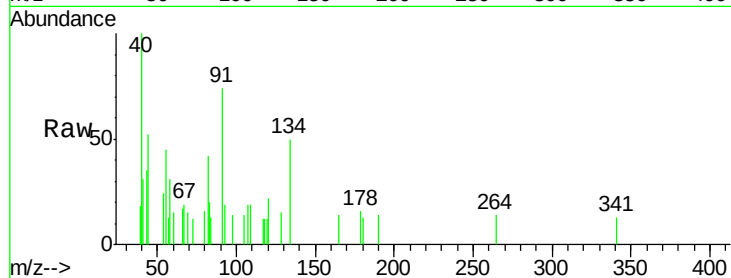
Tgt Ion: 117 Resp: 162

Ion Ratio Lower Upper

117 100

201 0.0 73.6 110.4#

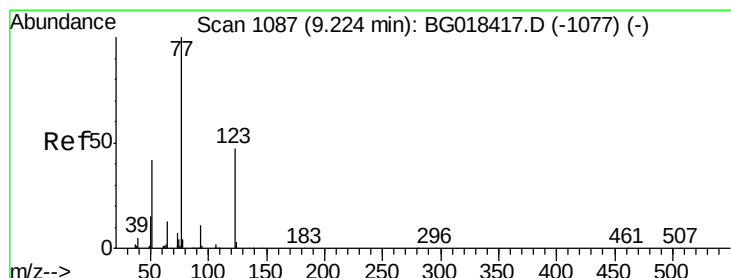
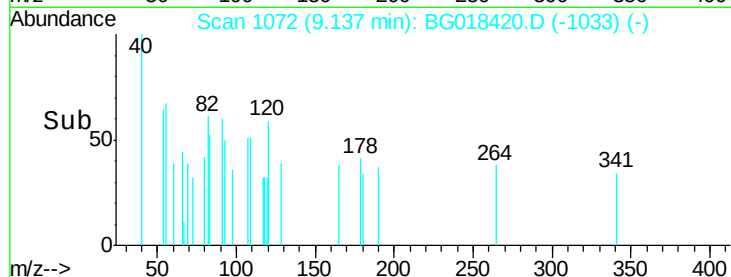
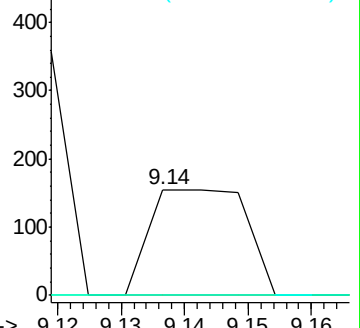
199 0.0 48.6 72.8#



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: 0.01 ng/ul

RT: 9.21 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BG018420.D

Acq: 13 Aug 2015 5:21

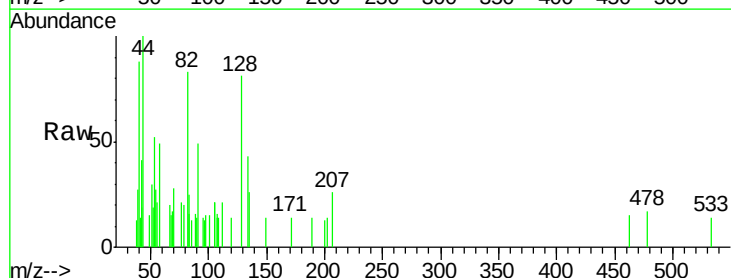
Tgt Ion: 77 Resp: 86

Ion Ratio Lower Upper

77 100

123 0.0 32.8 49.2#

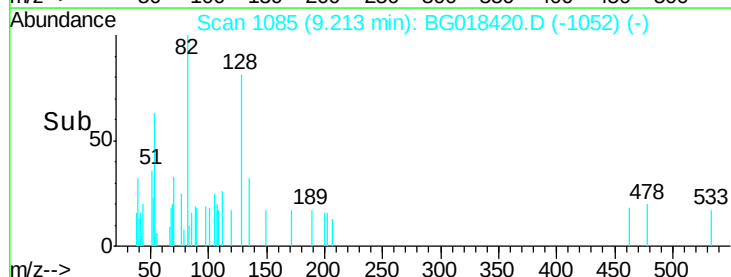
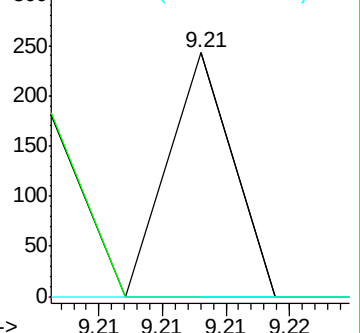
65 0.0 12.2 18.2#

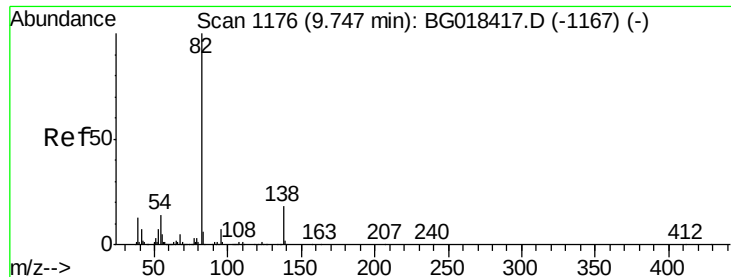


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 9.69 min Scan# 1167

Delta R.T. -0.05 min

Lab File: BG018420.D

Acq: 13 Aug 2015 5:21

Instrument :

BNA_M

ClientSampleId :

MDL-02-W

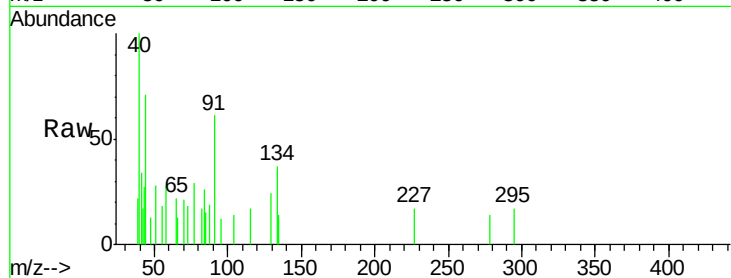
Tgt Ion: 82 Resp: 127

Ion Ratio Lower Upper

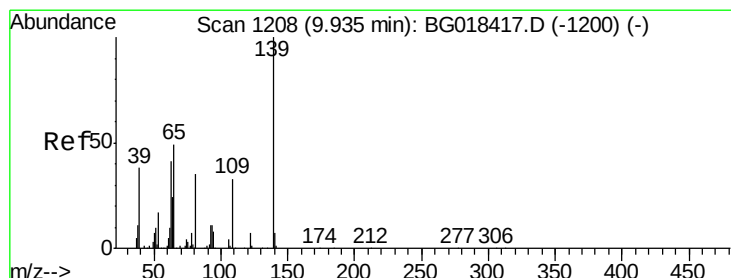
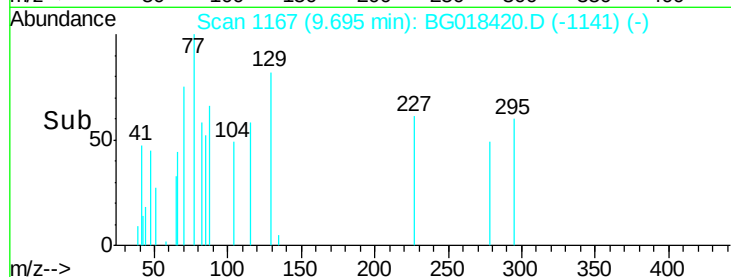
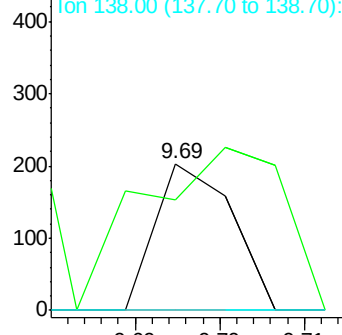
82 100

95 75.4 5.2 7.8#

138 0.0 13.8 20.8#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#23

2-Nitrophenol

Concen: 0.01 ng/ul

RT: 9.93 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BG018420.D

Acq: 13 Aug 2015 5:21

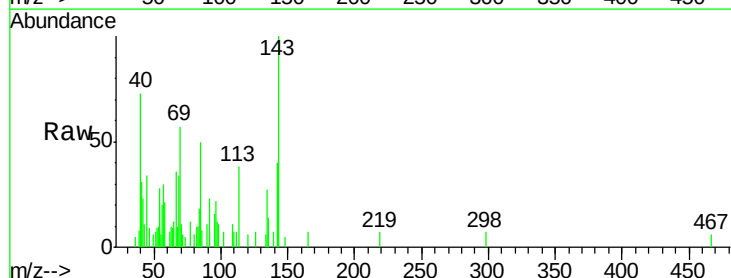
Tgt Ion: 139 Resp: 70

Ion Ratio Lower Upper

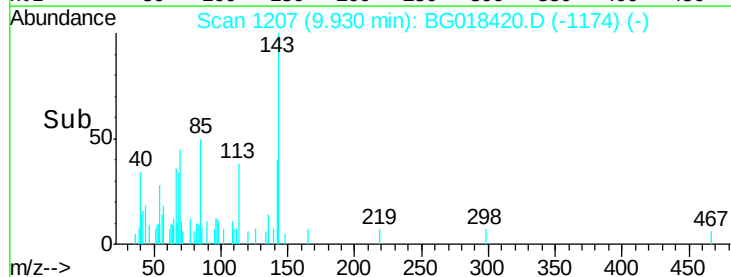
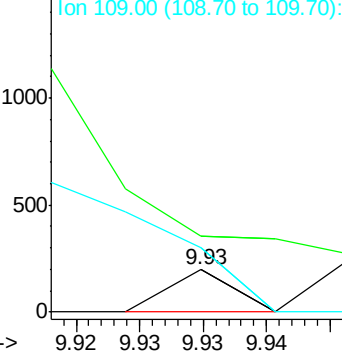
139 100

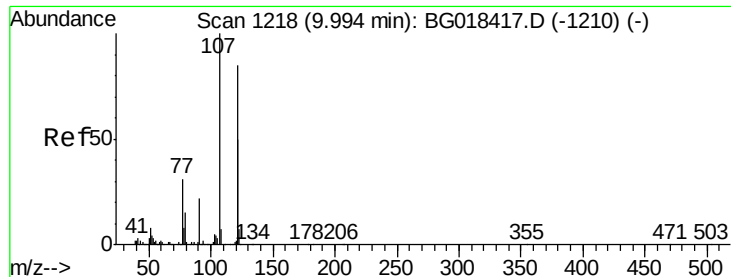
65 178.4 45.6 68.4#

109 152.8 25.4 38.2#



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 109.00 (108.70 to 109.70): BGC

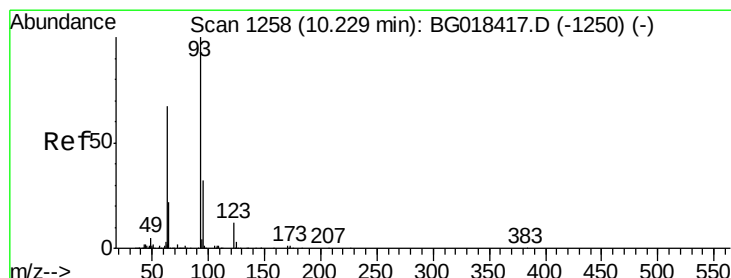
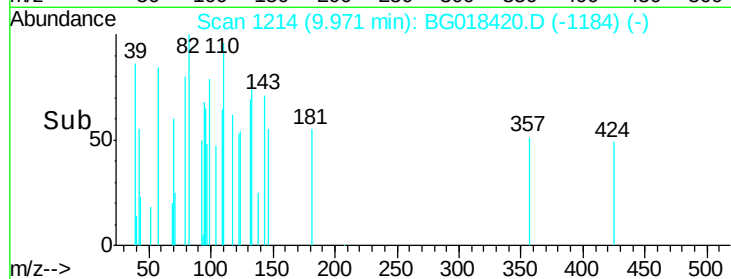
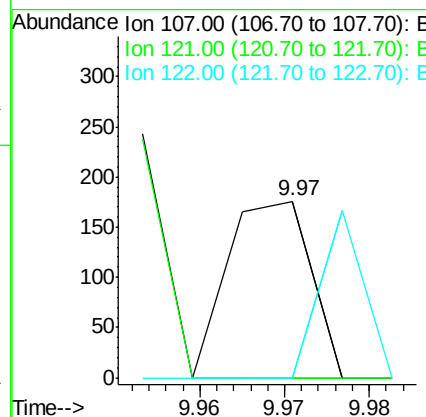
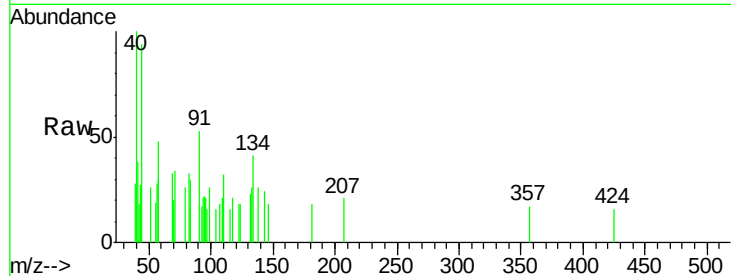




#24
 2,4-Dimethylphenol
 Concen: 0.01 ng/ul
 RT: 9.97 min Scan# 1214
 Delta R.T. -0.03 min
 Lab File: BG018420.D
 Acq: 13 Aug 2015 5:21

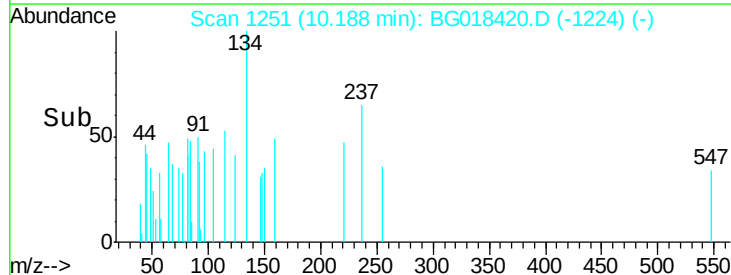
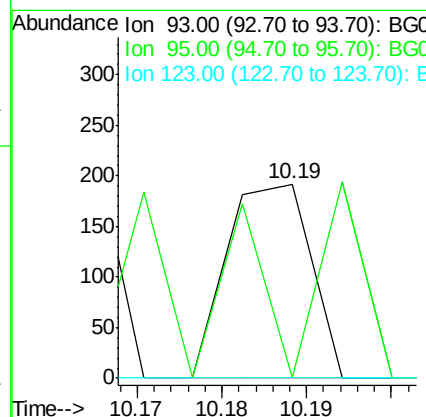
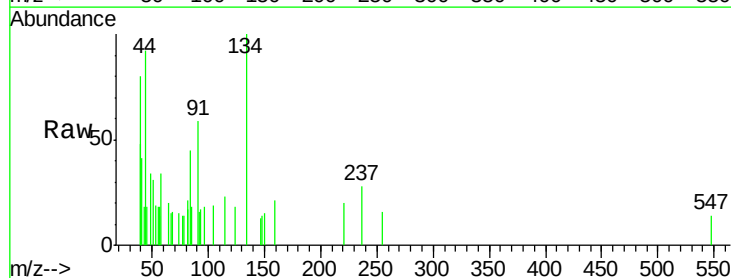
Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-W

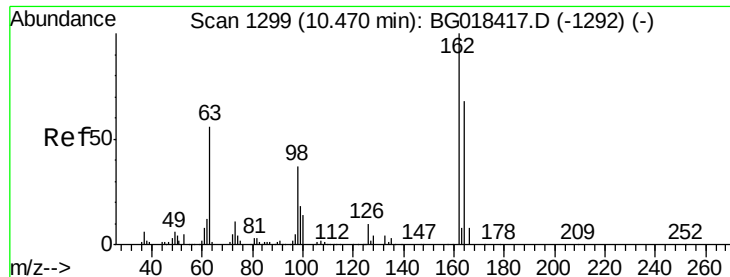
Tgt Ion: 107 Resp: 120
 Ion Ratio Lower Upper
 107 100
 121 0.0 41.3 61.9#
 122 97.7 71.9 107.9



#25
 Bis(2-Chloroethoxy)methane
 Concen: 0.01 ng/ul
 RT: 10.19 min Scan# 1251
 Delta R.T. -0.04 min
 Lab File: BG018420.D
 Acq: 13 Aug 2015 5:21

Tgt Ion: 93 Resp: 132
 Ion Ratio Lower Upper
 93 100
 95 0.0 24.1 36.1#
 123 0.0 8.9 13.3#

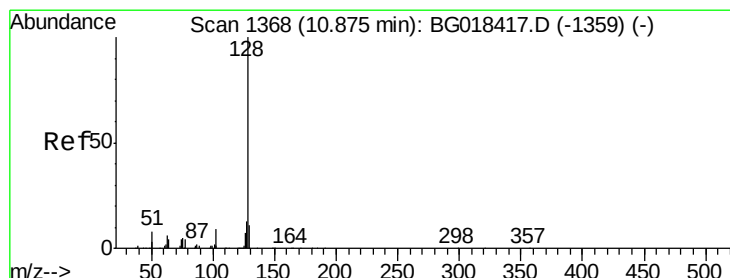
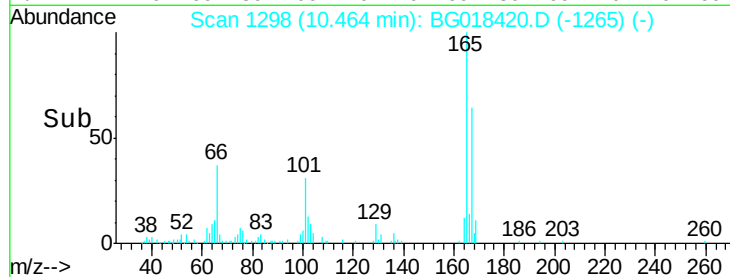
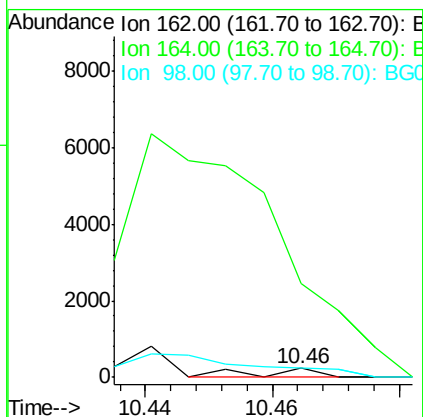
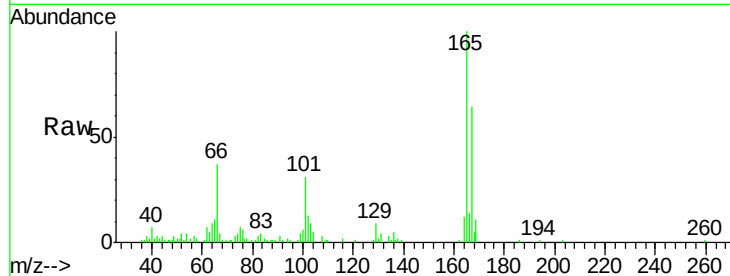




#27
 2,4-Dichlorophenol
 Concen: 0.02 ng/ul
 RT: 10.46 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BG018420.D
 Acq: 13 Aug 2015 5:21

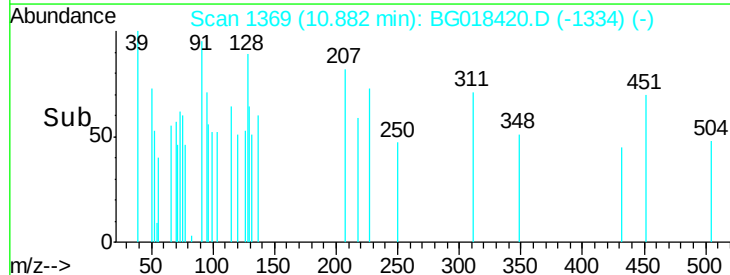
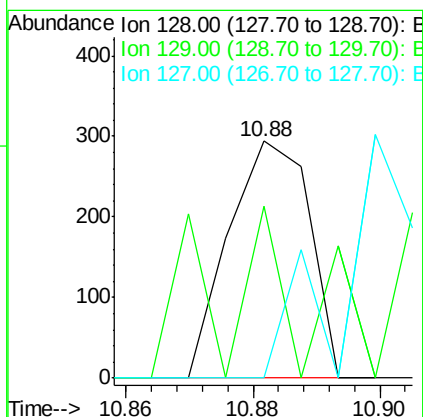
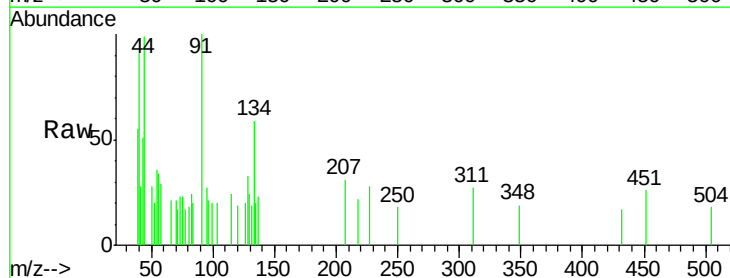
Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-W

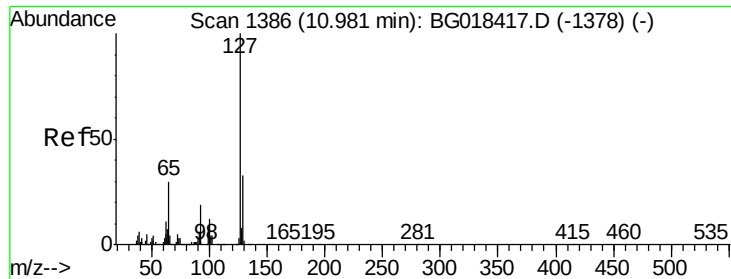
Tgt Ion:162 Resp: 160
 Ion Ratio Lower Upper
 162 100
 164 1066.2 51.7 77.5#
 98 106.9 30.4 45.6#



#28
 Naphthalene
 Concen: 0.01 ng/ul
 RT: 10.88 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BG018420.D
 Acq: 13 Aug 2015 5:21

Tgt Ion:128 Resp: 257
 Ion Ratio Lower Upper
 128 100
 129 72.4 9.6 14.4#
 127 0.0 10.5 15.7#

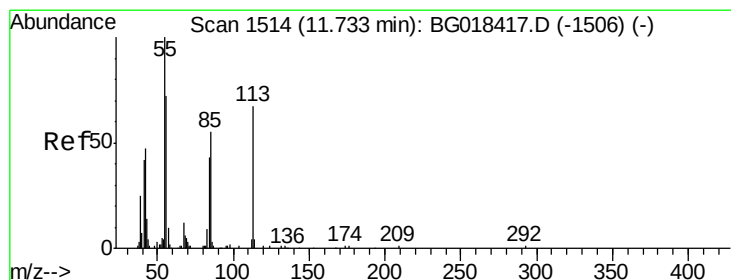
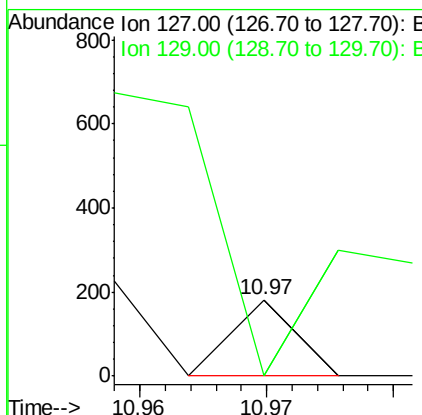
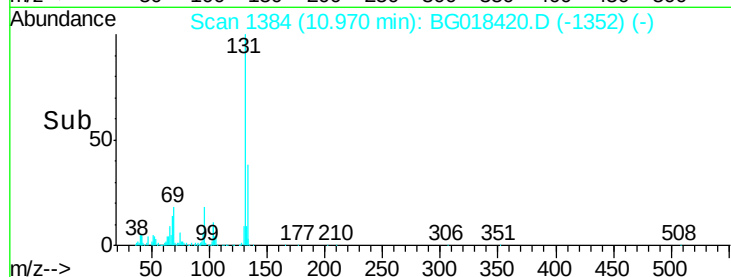
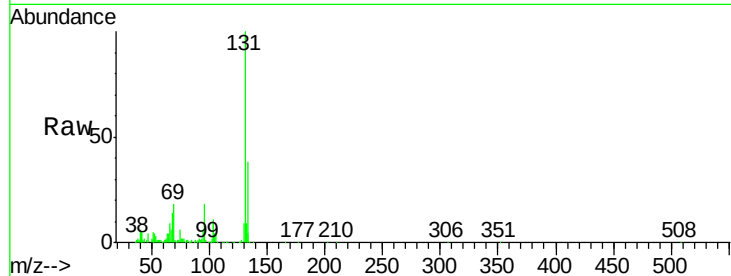




#30
4-Chloroaniline
Concen: 0.01 ng/ul
RT: 10.97 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BG018420.D
Acq: 13 Aug 2015 5:21

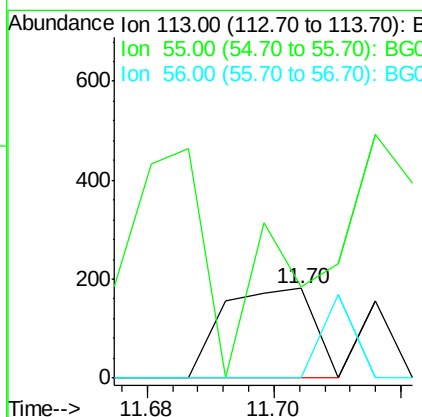
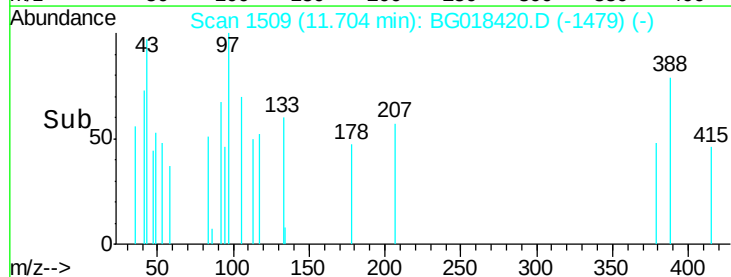
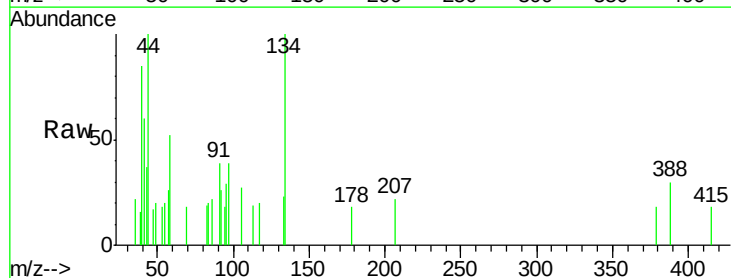
Instrument :
BNA_M
ClientSampleId :
MDL-02-W

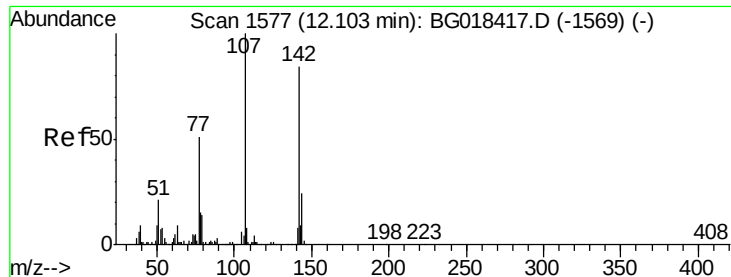
Tgt Ion:127 Resp: 64
Ion Ratio Lower Upper
127 100
129 0.0 26.7 40.1#



#32
Caprolactam
Concen: 0.05 ng/ul
RT: 11.70 min Scan# 1509
Delta R.T. -0.03 min
Lab File: BG018420.D
Acq: 13 Aug 2015 5:21

Tgt Ion:113 Resp: 179
Ion Ratio Lower Upper
113 100
55 101.7 124.2 186.4#
56 0.0 98.2 147.4#

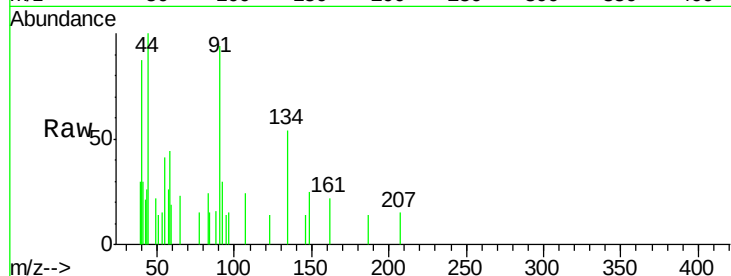




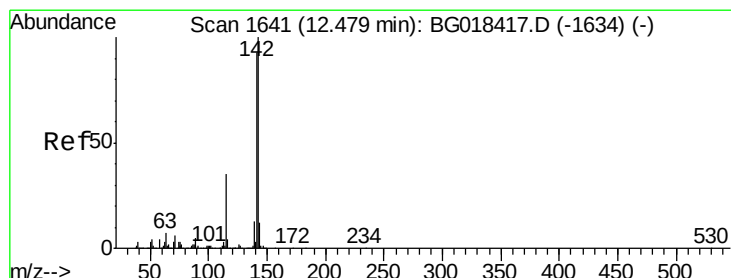
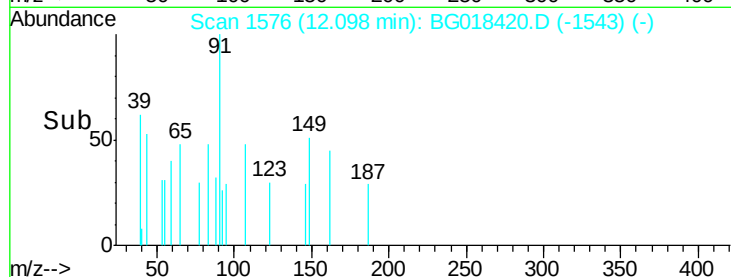
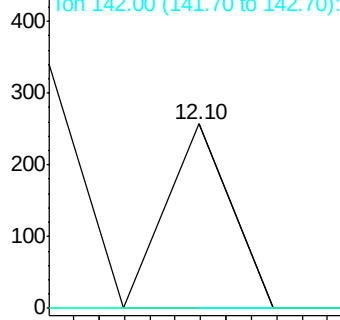
#33
 4-Chloro-3-methylphenol
 Concen: 0.01 ng/ul
 RT: 12.10 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BG018420.D
 Acq: 13 Aug 2015 5:21

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-W

Tgt Ion:107 Resp: 91
 Ion Ratio Lower Upper
 107 100
 144 0.0 21.4 32.2#
 142 0.0 66.0 99.0#

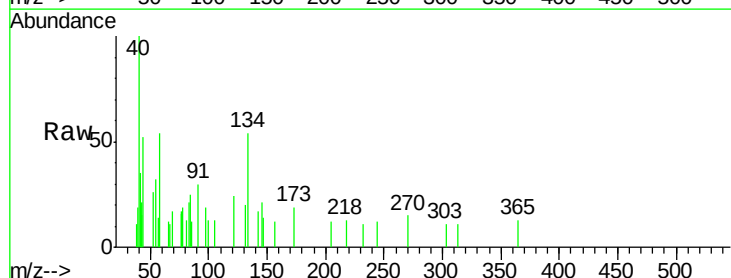


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

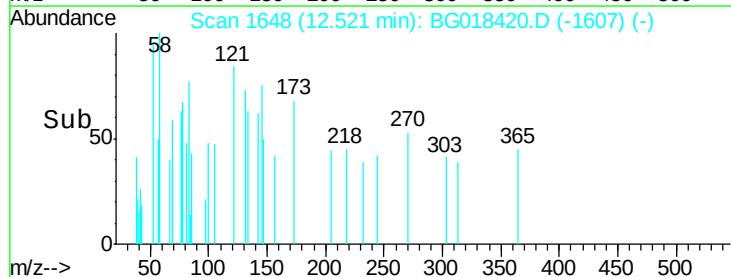
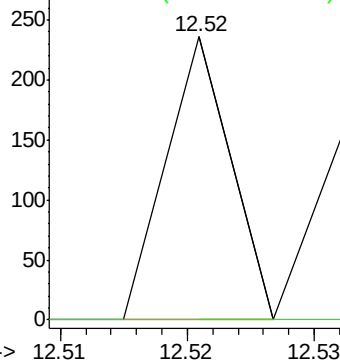


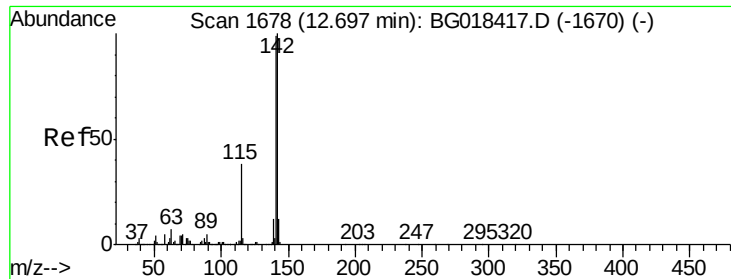
#34
 2-Methylnaphthalene
 Concen: 0.00 ng/ul
 RT: 12.52 min Scan# 1648
 Delta R.T. 0.04 min
 Lab File: BG018420.D
 Acq: 13 Aug 2015 5:21

Tgt Ion:142 Resp: 83
 Ion Ratio Lower Upper
 142 100
 141 0.0 78.0 117.0#



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

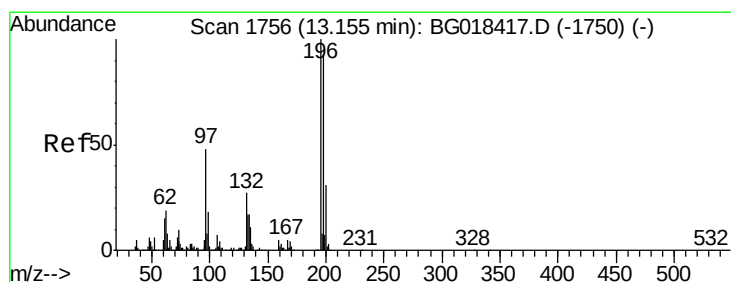
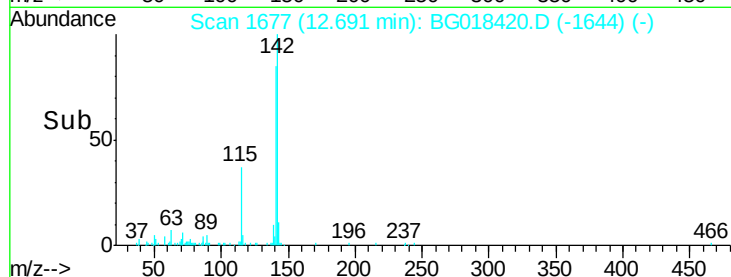
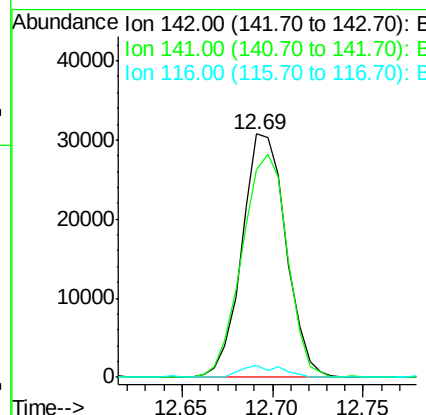
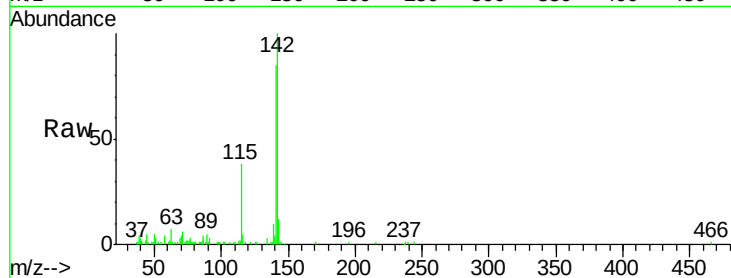




#35
 1-Methylnaphthalene
 Concen: 2.54 ng/ul
 RT: 12.69 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BG018420.D
 Acq: 13 Aug 2015 5:21

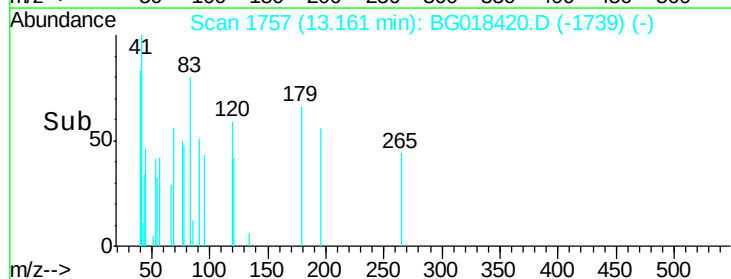
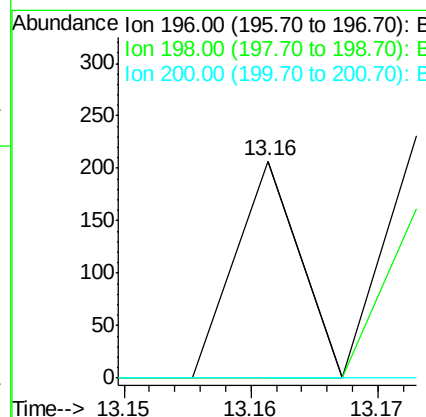
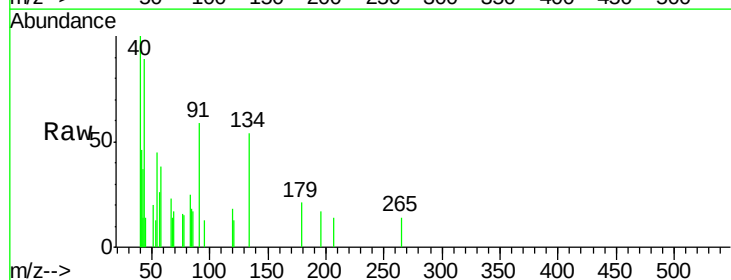
Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-W

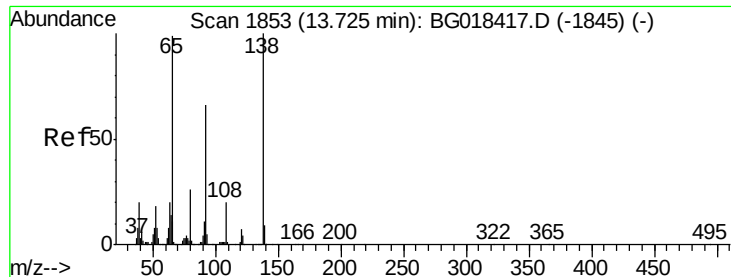
Tgt Ion:142 Resp: 51898
 Ion Ratio Lower Upper
 142 100
 141 85.4 77.1 115.7
 116 4.7 3.5 5.3



#40
 2,4,5-Trichlorophenol
 Concen: 0.01 ng/ul
 RT: 13.16 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: BG018420.D
 Acq: 13 Aug 2015 5:21

Tgt Ion:196 Resp: 73
 Ion Ratio Lower Upper
 196 100
 198 0.0 74.2 111.4#
 200 0.0 25.2 37.8#

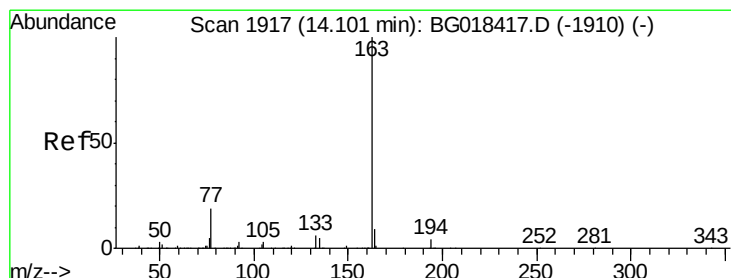
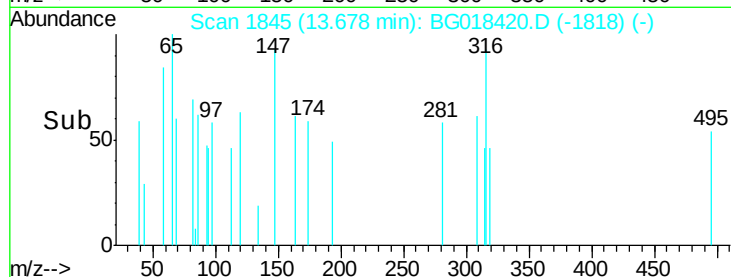
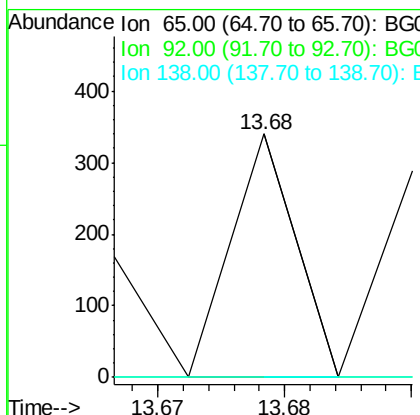
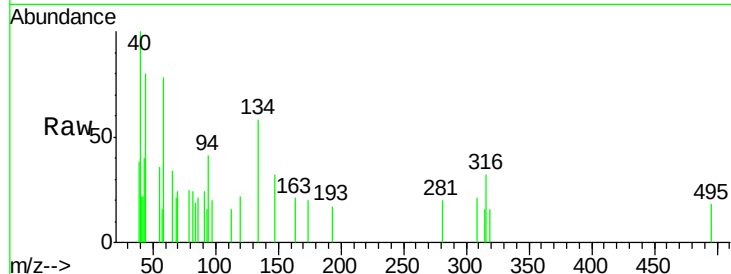




#43
2-Nitroaniline
Concen: 0.02 ng/ul
RT: 13.68 min Scan# 1845
Delta R.T. -0.04 min
Lab File: BG018420.D
Acq: 13 Aug 2015 5:21

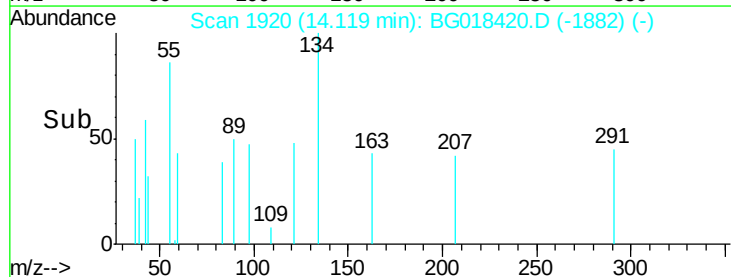
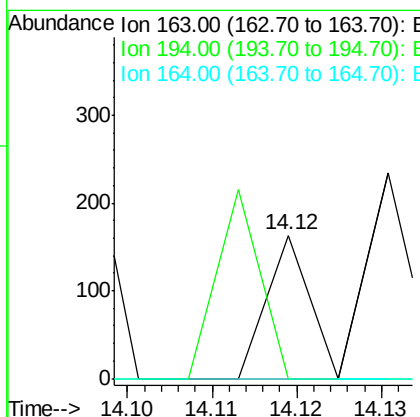
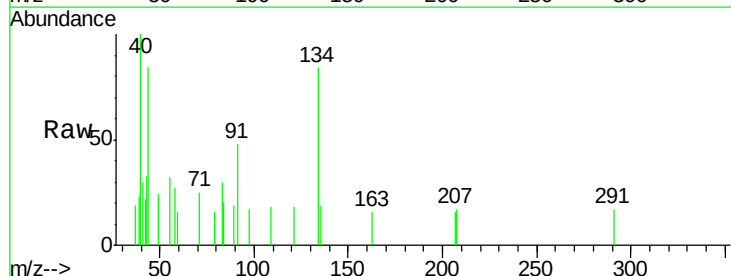
Instrument :
BNA_M
ClientSampleId :
MDL-02-W

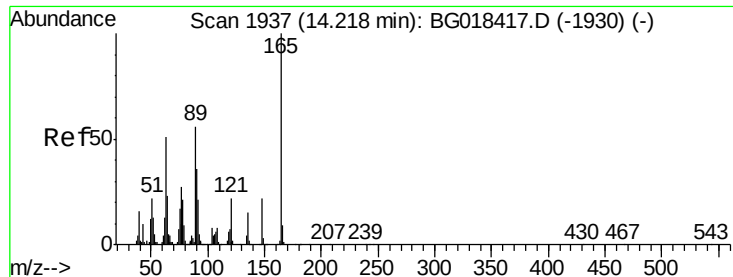
Tgt Ion: 65 Resp: 120
Ion Ratio Lower Upper
65 100
92 47.1 51.1 76.7#
138 0.0 75.1 112.7#



#45
Dimethylphthalate
Concen: 0.00 ng/ul
RT: 14.12 min Scan# 1920
Delta R.T. 0.02 min
Lab File: BG018420.D
Acq: 13 Aug 2015 5:21

Tgt Ion: 163 Resp: 57
Ion Ratio Lower Upper
163 100
194 0.0 2.9 4.3#
164 0.0 7.7 11.5#

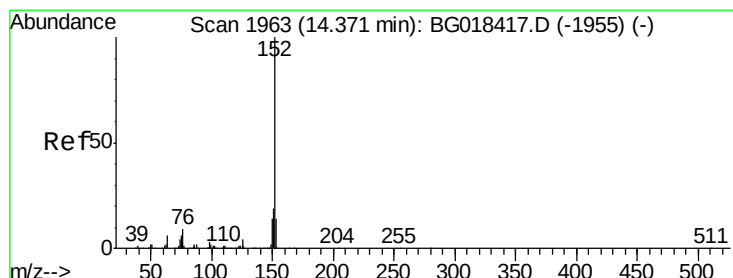
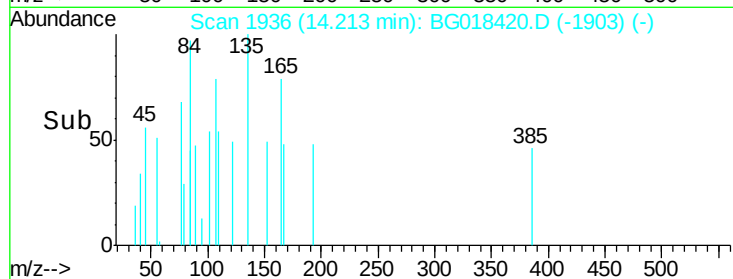
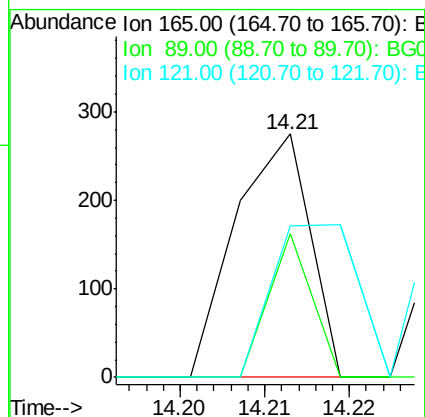
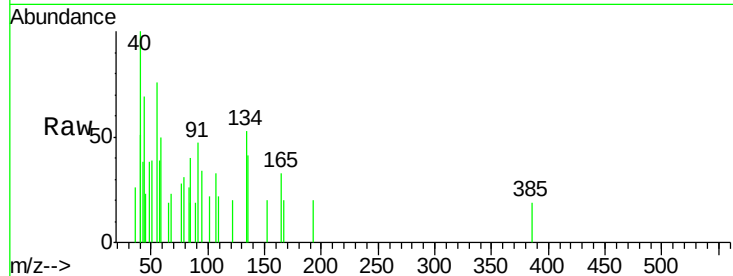




#46
2,6-Dinitrotoluene
Concen: 0.03 ng/ul
RT: 14.21 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG018420.D
Acq: 13 Aug 2015 5:21

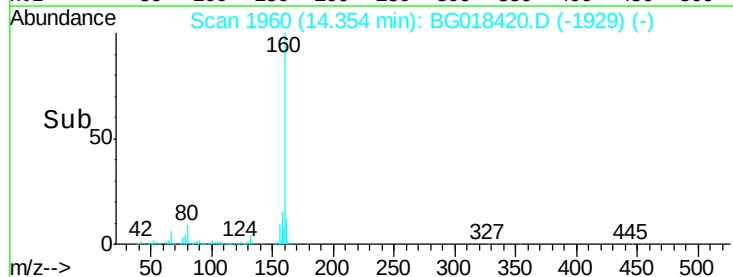
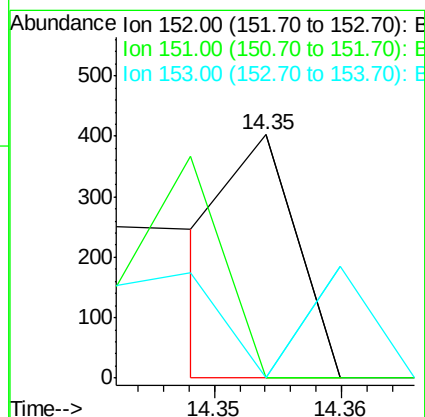
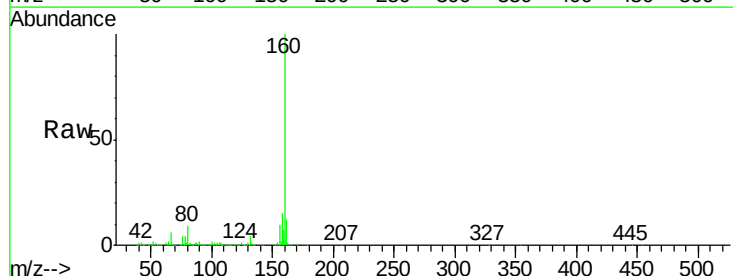
Instrument :
BNA_M
ClientSampleId :
MDL-02-W

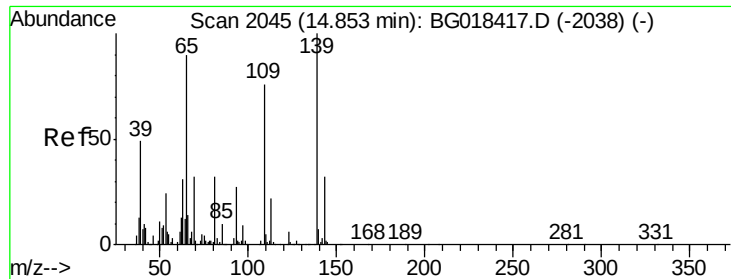
Tgt Ion:165 Resp: 168
Ion Ratio Lower Upper
165 100
89 59.3 50.2 75.2
121 62.2 19.4 29.2#



#48
Acenaphthylene
Concen: 0.00 ng/ul
RT: 14.35 min Scan# 1960
Delta R.T. -0.02 min
Lab File: BG018420.D
Acq: 13 Aug 2015 5:21

Tgt Ion:152 Resp: 142
Ion Ratio Lower Upper
152 100
151 0.0 15.4 23.2#
153 0.0 10.8 16.2#

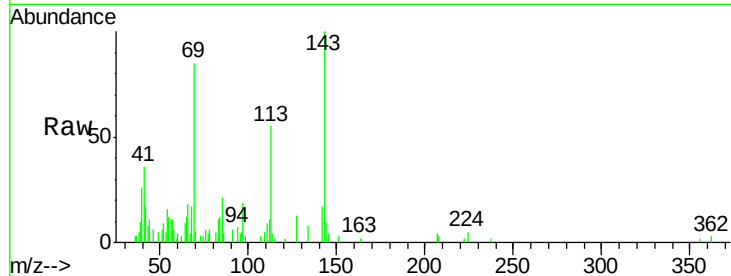




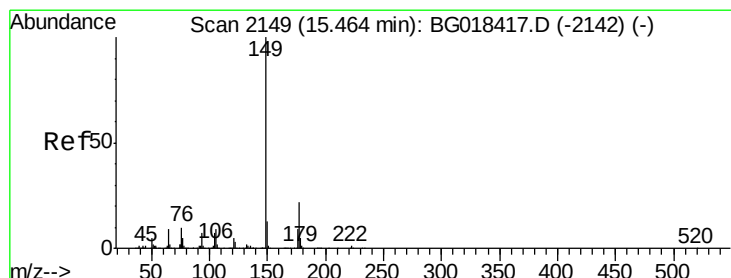
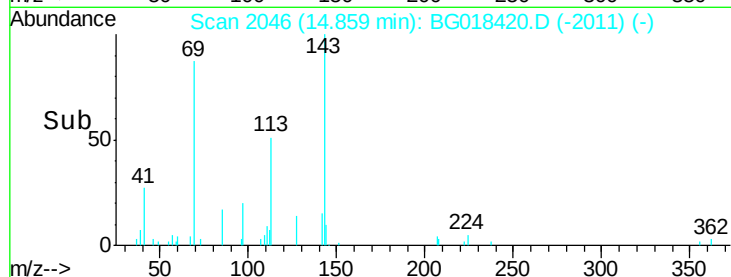
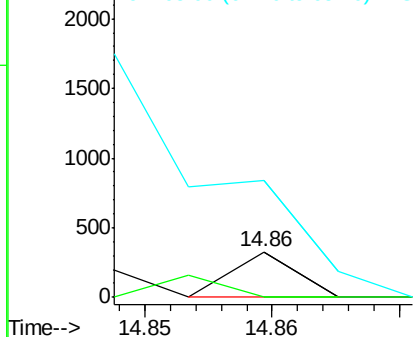
#53
4-Nitrophenol
Concen: 0.02 ng/ul
RT: 14.86 min Scan# 2046
Delta R.T. 0.00 min
Lab File: BG018420.D
Acq: 13 Aug 2015 5:21

Instrument :
BNA_M
ClientSampleId :
MDL-02-W

Tgt Ion	Ratio	Lower	Upper
109	100		
139	0.0	111.3	166.9#
65	254.1	105.3	157.9#

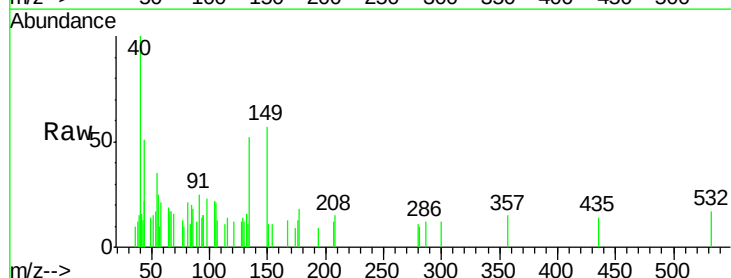


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): B

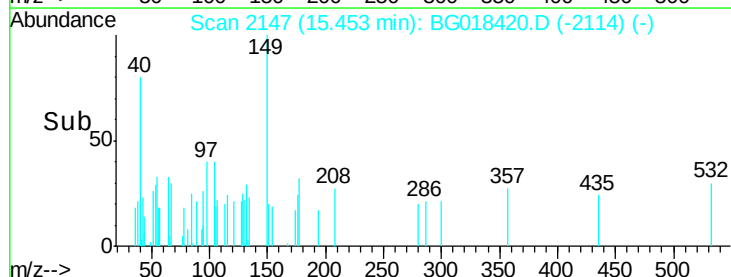
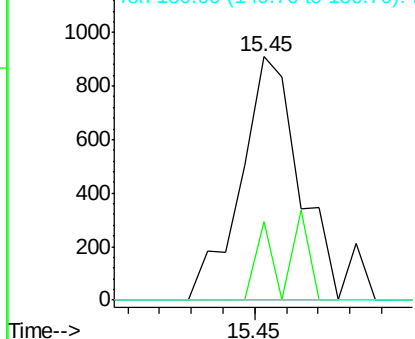


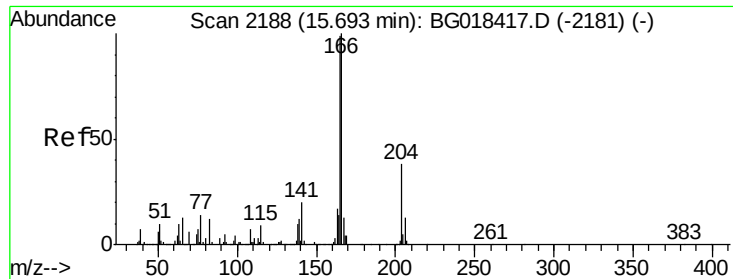
#57
Diethylphthalate
Concen: 0.04 ng/ul
RT: 15.45 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG018420.D
Acq: 13 Aug 2015 5:21

Tgt Ion	Ratio	Lower	Upper
149	100		
177	32.3	18.2	27.4#
150	0.0	9.7	14.5#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 0.01 ng/ul

RT: 15.73 min Scan# 2195

Delta R.T. 0.04 min

Lab File: BG018420.D

Acq: 13 Aug 2015 5:21

Instrument :

BNA_M

ClientSampleId :

MDL-02-W

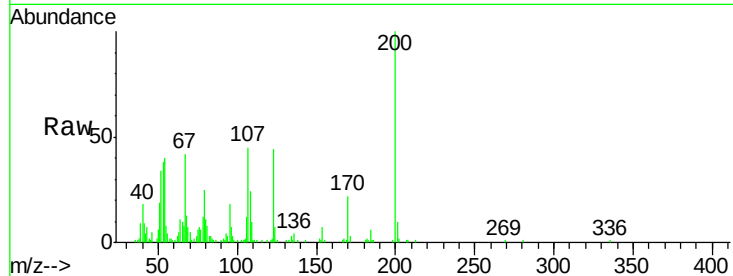
Tgt Ion:166 Resp: 175

Ion Ratio Lower Upper

166 100

165 0.0 82.6 124.0#

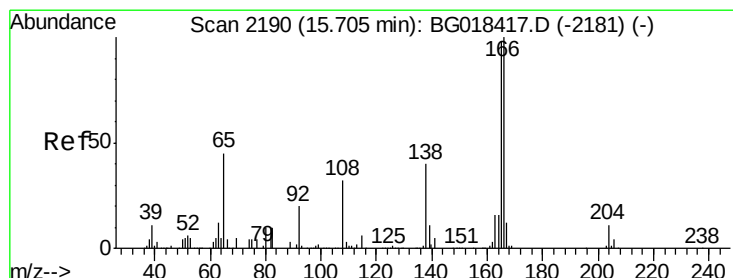
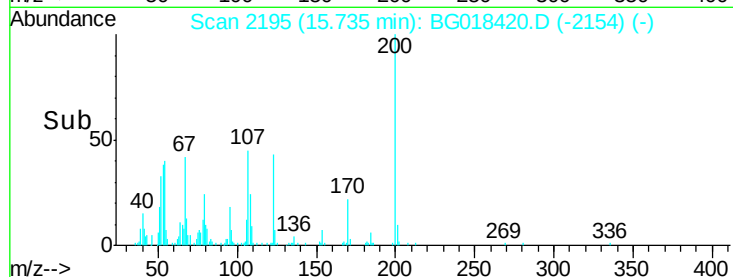
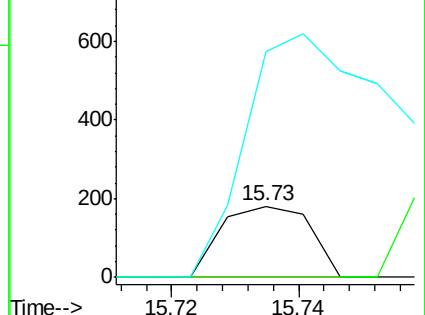
167 317.1 11.4 17.0#



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: 0.01 ng/ul

RT: 15.72 min Scan# 2192

Delta R.T. 0.01 min

Lab File: BG018420.D

Acq: 13 Aug 2015 5:21

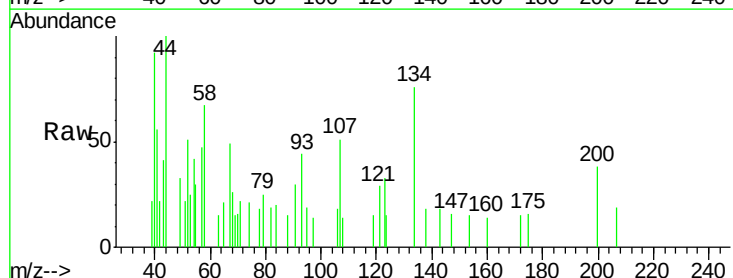
Tgt Ion:138 Resp: 67

Ion Ratio Lower Upper

138 100

92 0.0 44.0 66.0#

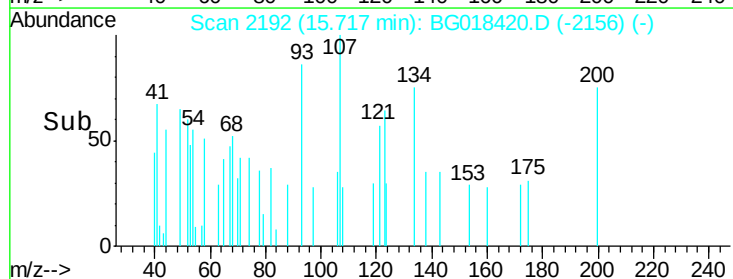
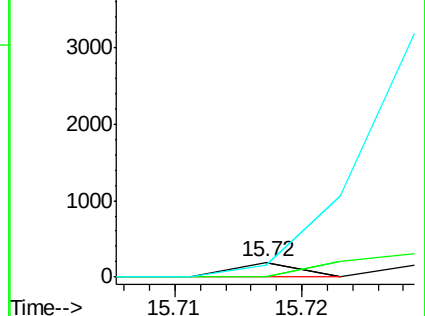
108 78.9 64.6 97.0

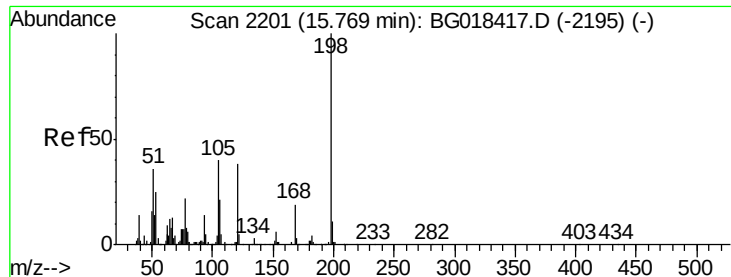


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

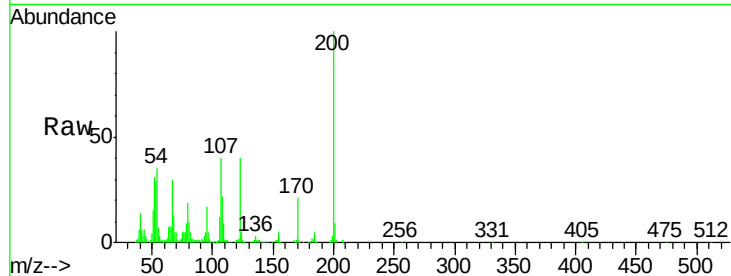




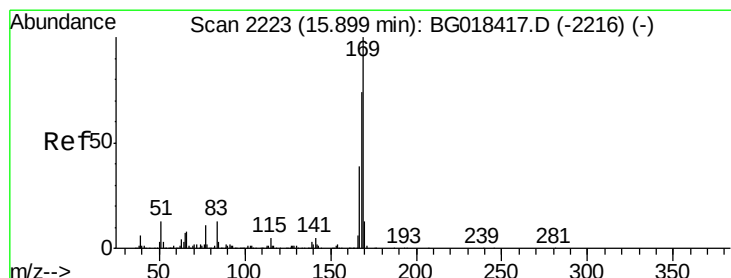
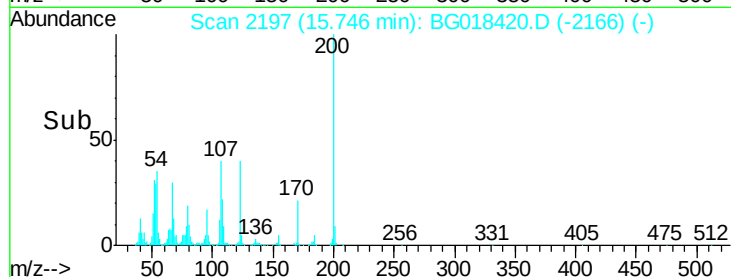
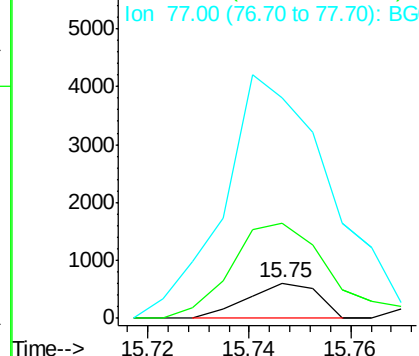
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.13 ng/ul
 RT: 15.75 min Scan# 2197
 Delta R.T. -0.02 min
 Lab File: BG018420.D
 Acq: 13 Aug 2015 5:21

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-W

Tgt Ion:198 Resp: 590
 Ion Ratio Lower Upper
 198 100
 182 268.9 3.4 5.0#
 77 624.1 22.4 33.6#

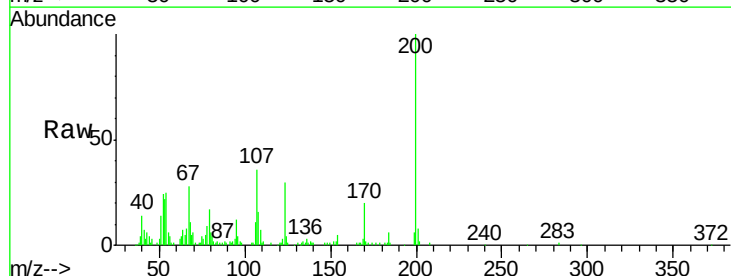


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): B

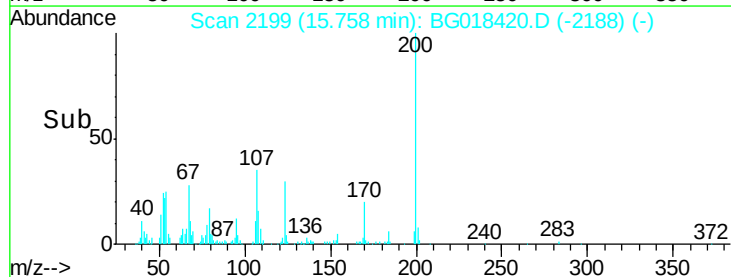
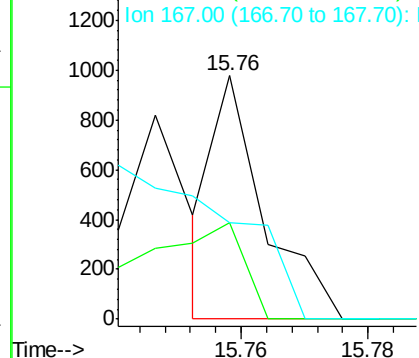


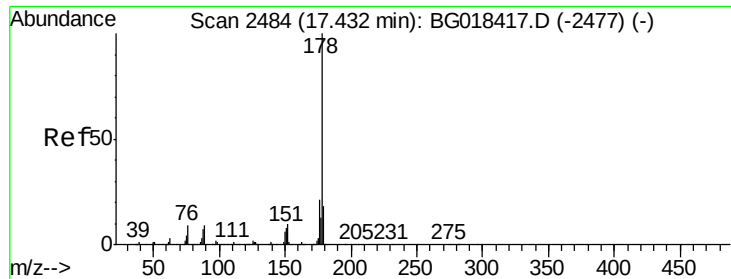
#65
 N-Nitrosodiphenylamine
 Concen: 0.02 ng/ul
 RT: 15.76 min Scan# 2199
 Delta R.T. -0.14 min
 Lab File: BG018420.D
 Acq: 13 Aug 2015 5:21

Tgt Ion:169 Resp: 539
 Ion Ratio Lower Upper
 169 100
 168 39.4 60.2 90.2#
 167 39.9 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: 0.01 ng/ul

RT: 17.39 min Scan# 2476

Delta R.T. -0.05 min

Lab File: BG018420.D

Acq: 13 Aug 2015 5:21

Instrument :

BNA_M

ClientSampled :

MDL-02-W

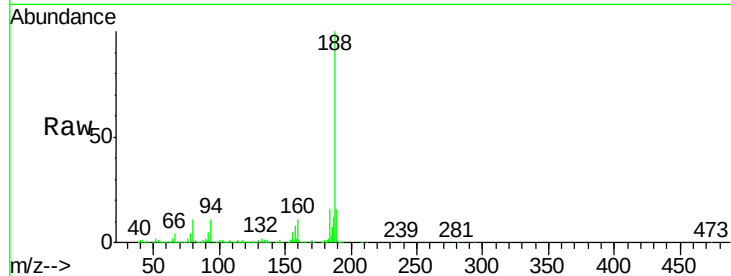
Tgt Ion:178 Resp: 568

Ion Ratio Lower Upper

178 100

179 87.5 13.7 20.5#

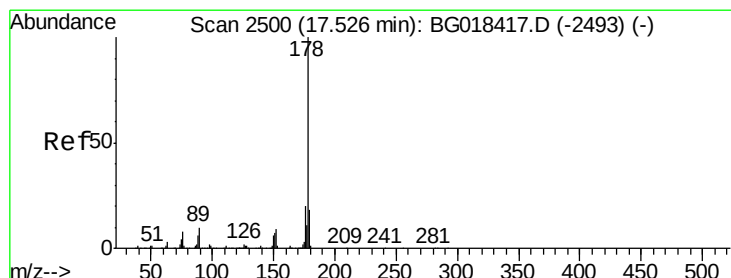
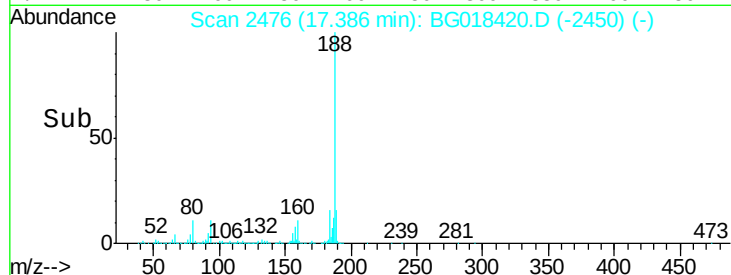
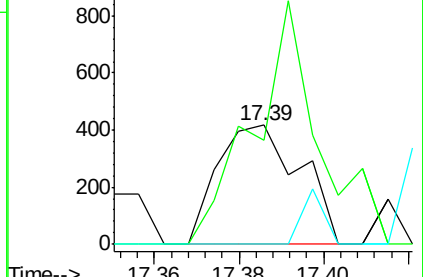
176 0.0 16.6 24.8#



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: 0.02 ng/ul

RT: 17.49 min Scan# 2493

Delta R.T. -0.04 min

Lab File: BG018420.D

Acq: 13 Aug 2015 5:21

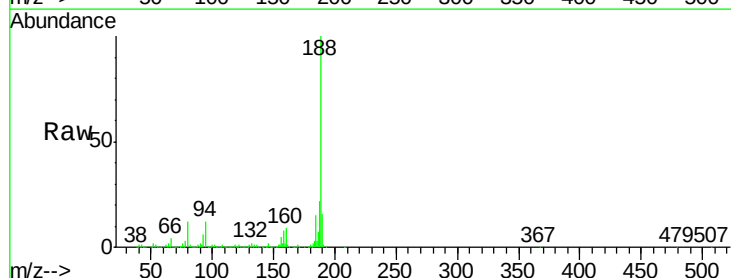
Tgt Ion:178 Resp: 832

Ion Ratio Lower Upper

178 100

179 133.5 13.0 19.4#

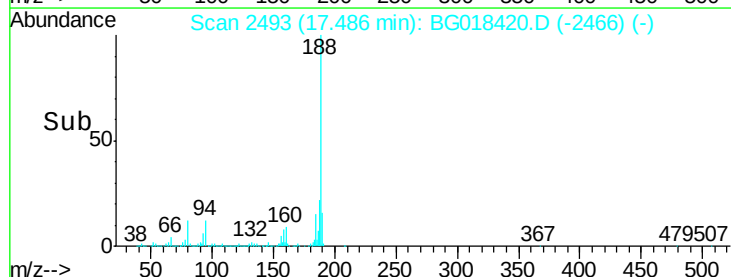
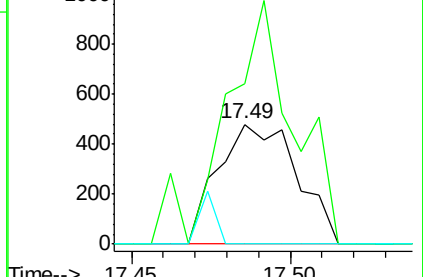
176 0.0 16.0 24.0#

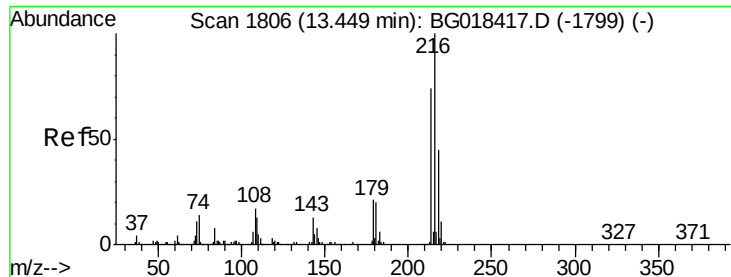


Abundance Ion 178.00 (177.70 to 178.70): E

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: 13.60 min Scan# 1831

Delta R.T. 0.14 min

Lab File: BG018420.D

Acq: 13 Aug 2015 5:21

Instrument :

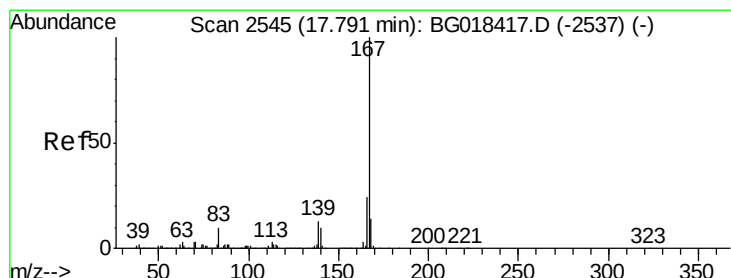
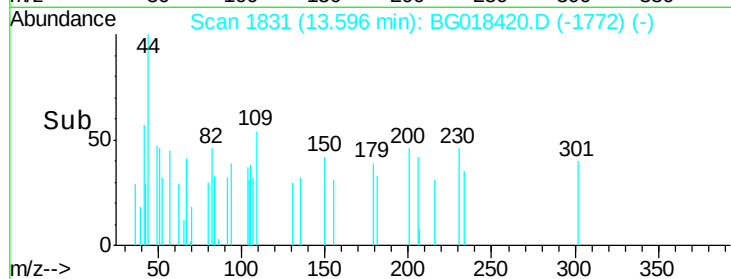
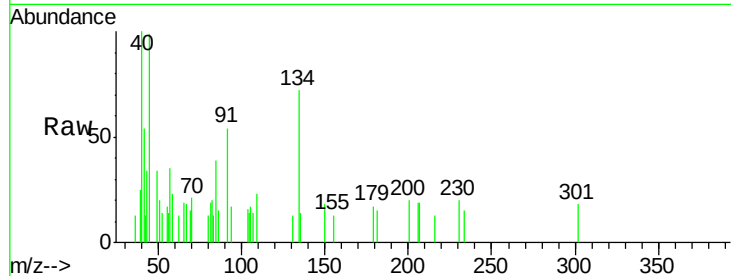
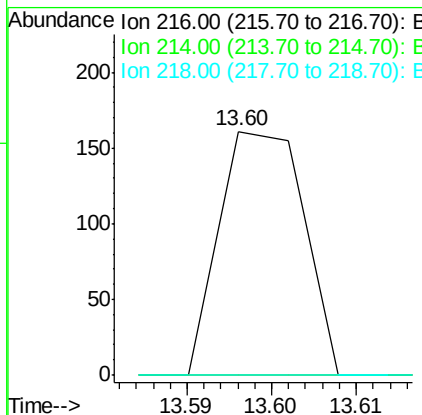
BNA_M

ClientSampled :

MDL-02-W

Tgt Ion:216 Resp: 111

Ion	Ratio	Lower	Upper
216	100		
214	0.0	64.0	96.0#
218	0.0	38.7	58.1#



#75

Carbazole

Concen: 0.00 ng/uL

RT: 17.68 min Scan# 2526

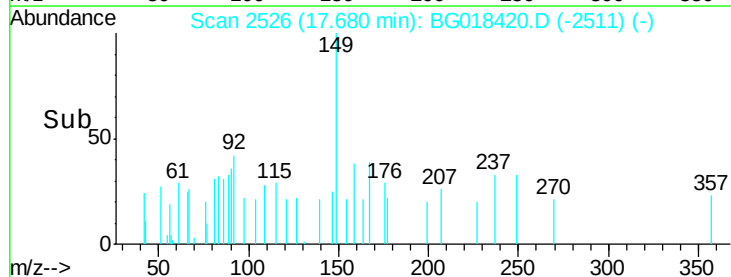
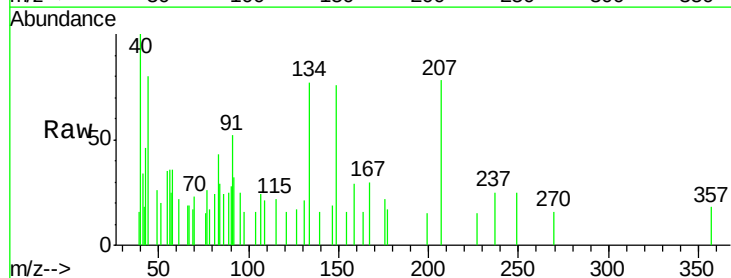
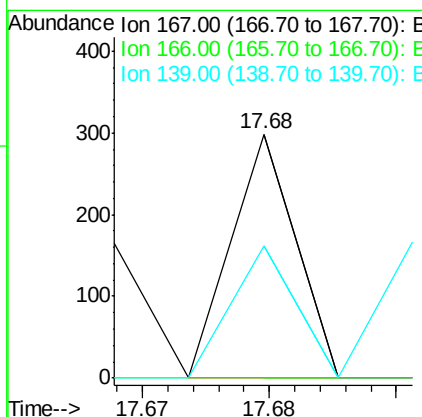
Delta R.T. -0.11 min

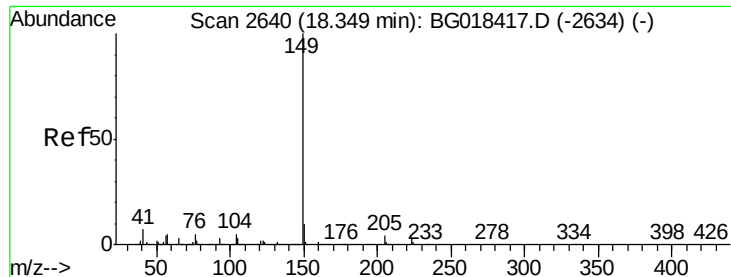
Lab File: BG018420.D

Acq: 13 Aug 2015 5:21

Tgt Ion:167 Resp: 105

Ion	Ratio	Lower	Upper
167	100		
166	0.0	18.9	28.3#
139	54.4	10.1	15.1#

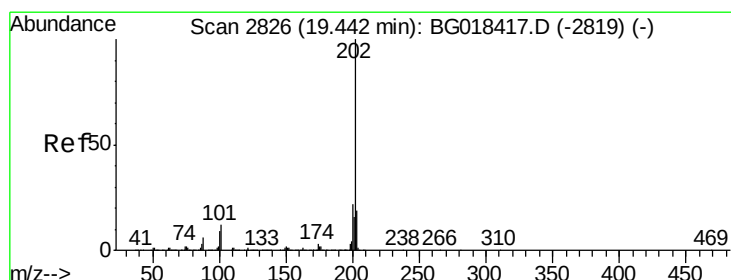
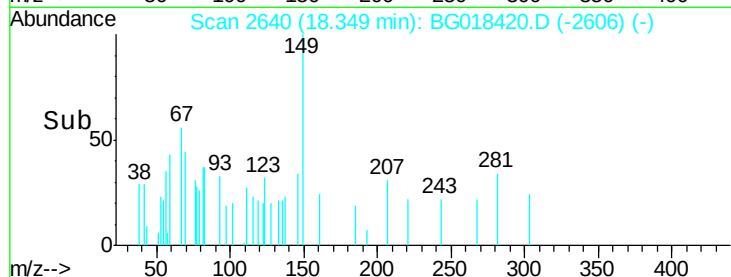
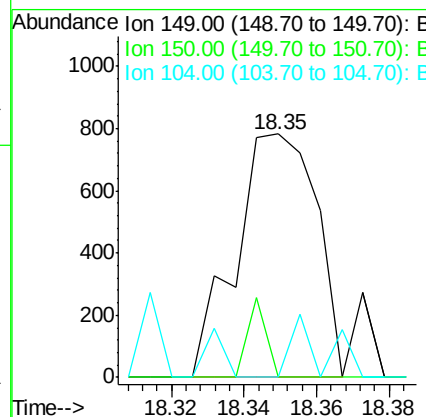
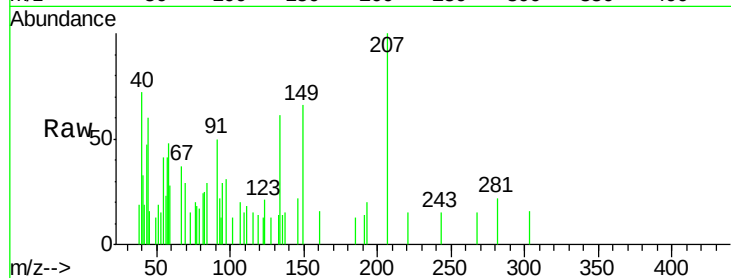




#76
Di-n-butylphthalate
Concen: 0.02 ng/ul
RT: 18.35 min Scan# 2640
Delta R.T. -0.00 min
Lab File: BG018420.D
Acq: 13 Aug 2015 5:21

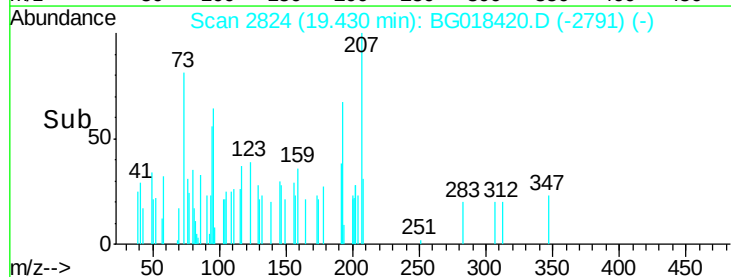
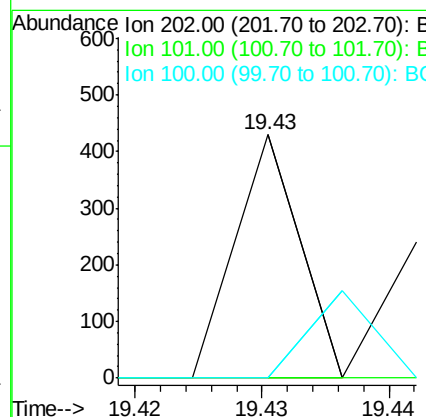
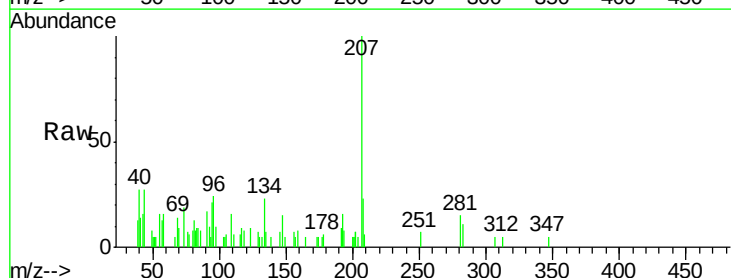
Instrument :
BNA_M
ClientSampleId :
MDL-02-W

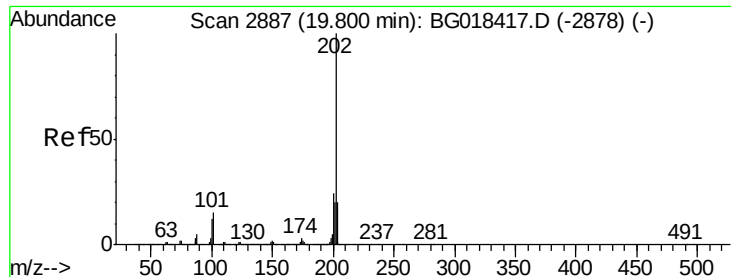
Tgt Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.5	11.3#
104	0.0	4.3	6.5#



#77
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.43 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BG018420.D
Acq: 13 Aug 2015 5:21

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

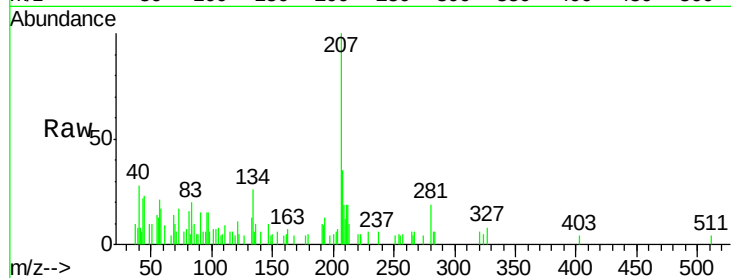




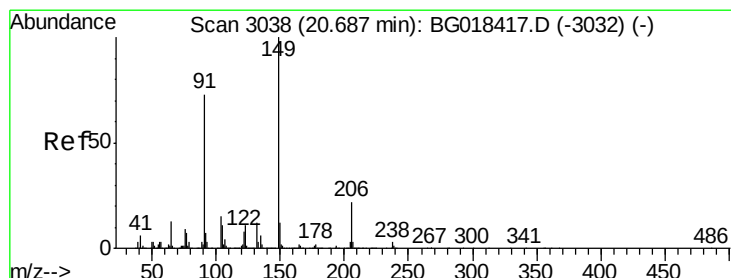
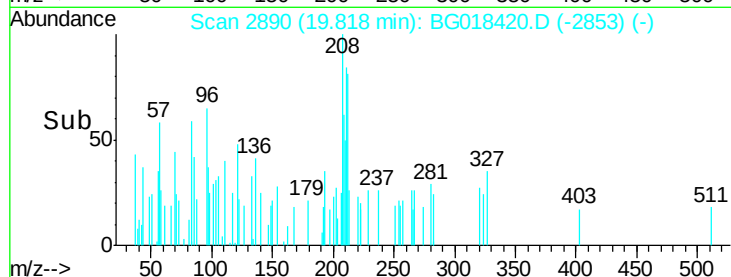
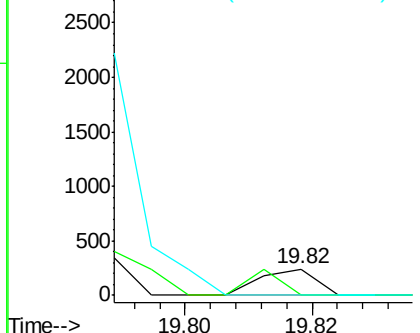
#80
 Pyrene
 Concen: 0.00 ng/ul
 RT: 19.82 min Scan# 2890
 Delta R.T. 0.01 min
 Lab File: BG018420.D
 Acq: 13 Aug 2015 5:21

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-W

Tgt Ion	Ratio	Lower	Upper
202	100		
101	107.4	11.0	16.4#
100	0.0	9.8	14.6#

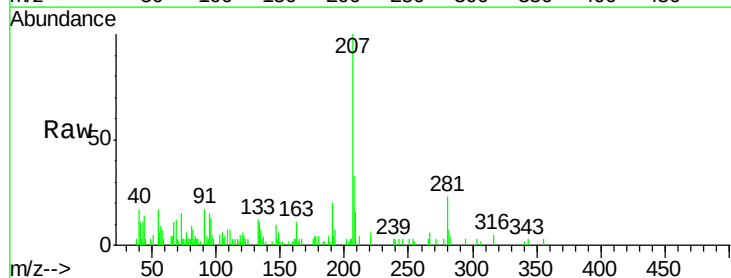


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

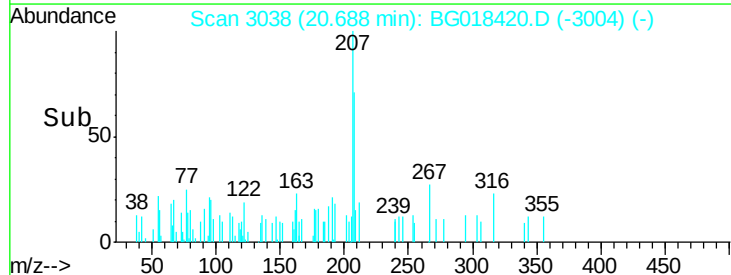
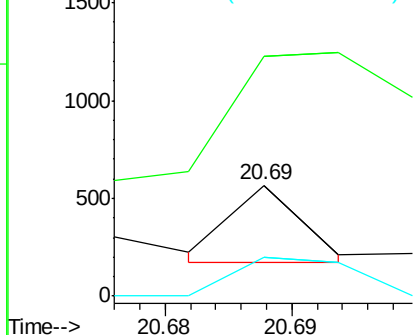


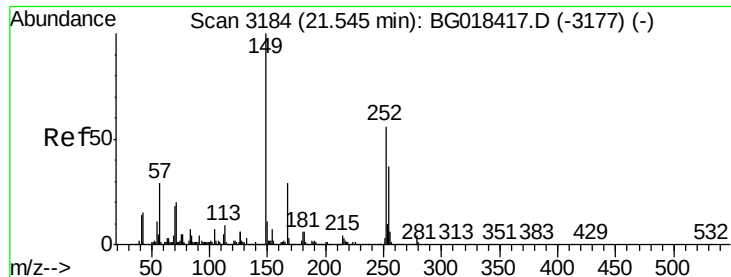
#81
 Butylbenzylphthalate
 Concen: 0.01 ng/ul
 RT: 20.69 min Scan# 3038
 Delta R.T. -0.00 min
 Lab File: BG018420.D
 Acq: 13 Aug 2015 5:21

Tgt Ion	Ratio	Lower	Upper
149	100		
91	216.2	57.9	86.9#
206	34.5	17.9	26.9#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): B
 Ion 206.00 (205.70 to 206.70): E





#82

3,3'-Dichlorobenzidine

Concen: 0.01 ng/ul

RT: 21.55 min Scan# 3185

Delta R.T. 0.00 min

Lab File: BG018420.D

Acq: 13 Aug 2015 5:21

Instrument :

BNA_M

ClientSampleId :

MDL-02-W

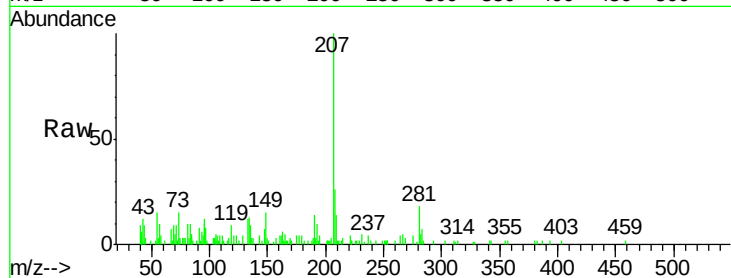
Tgt Ion:252 Resp: 163

Ion Ratio Lower Upper

252 100

254 89.3 50.9 76.3#

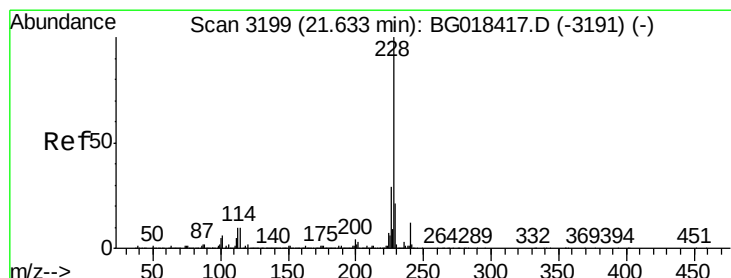
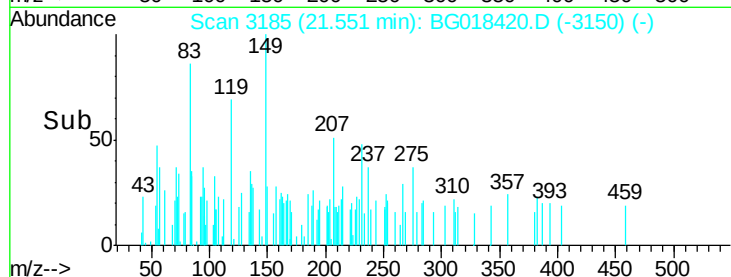
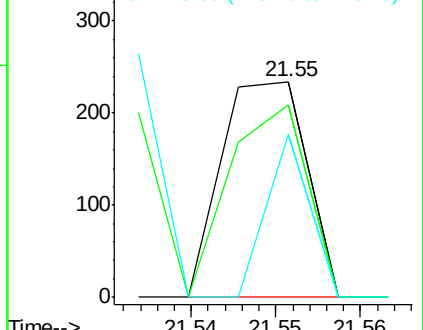
126 75.6 9.6 14.4#



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: 0.06 ng/ul

RT: 21.65 min Scan# 3202

Delta R.T. 0.01 min

Lab File: BG018420.D

Acq: 13 Aug 2015 5:21

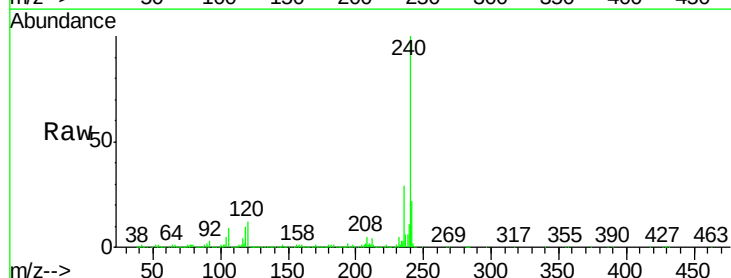
Tgt Ion:228 Resp: 3602

Ion Ratio Lower Upper

228 100

229 55.1 15.5 23.3#

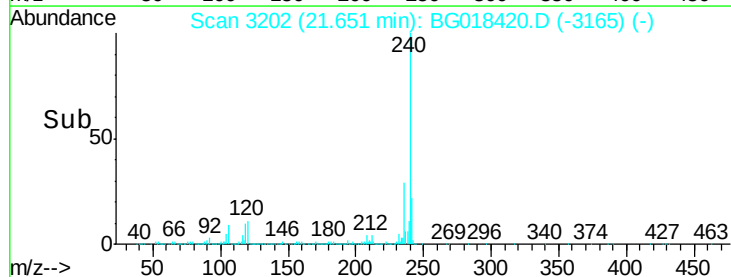
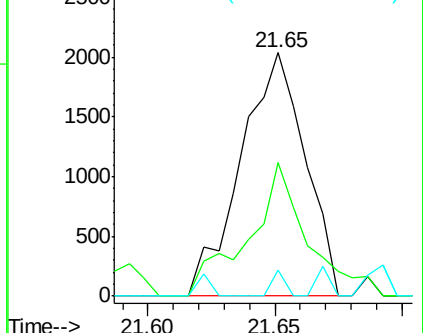
226 10.6 22.1 33.1#

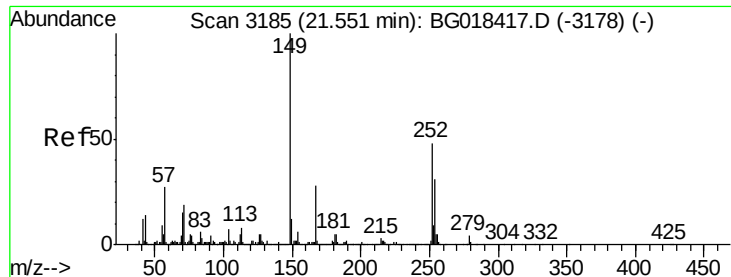


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.02 ng/ul

RT: 21.54 min Scan# 3183

Delta R.T. -0.01 min

Lab File: BG018420.D

Acq: 13 Aug 2015 5:21

Instrument :

BNA_M

ClientSampleId :

MDL-02-W

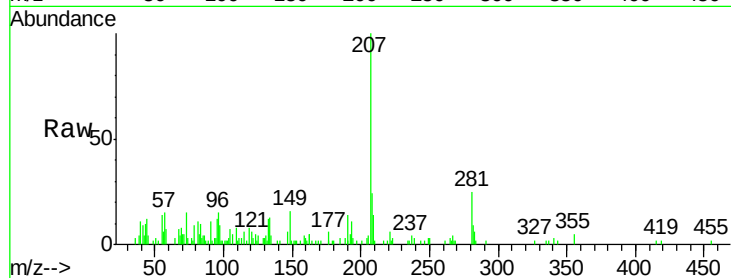
Tgt Ion:149 Resp: 789

Ion Ratio Lower Upper

149 100

167 12.9 22.2 33.2#

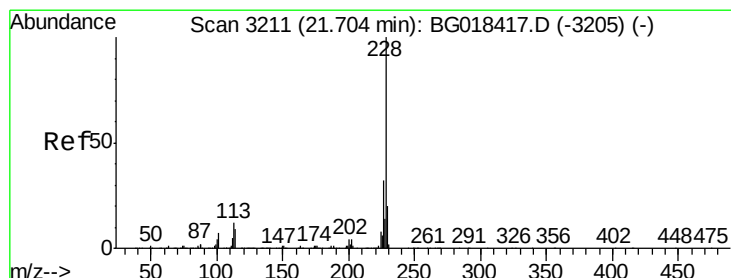
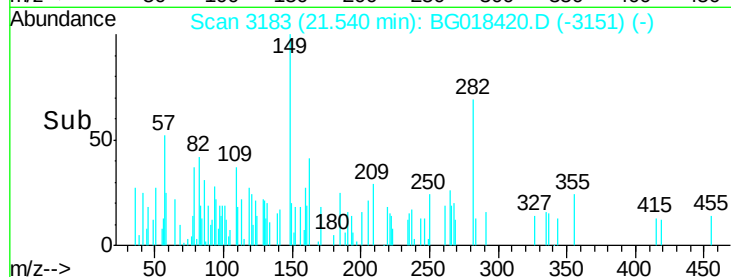
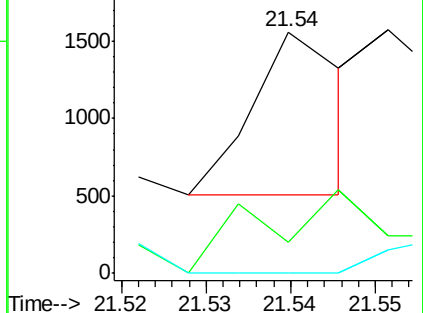
279 0.0 2.8 4.2#



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: 0.07 ng/ul

RT: 21.65 min Scan# 3202

Delta R.T. -0.05 min

Lab File: BG018420.D

Acq: 13 Aug 2015 5:21

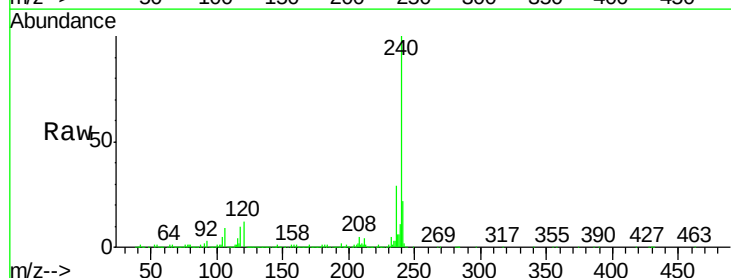
Tgt Ion:228 Resp: 3602

Ion Ratio Lower Upper

228 100

226 10.6 26.5 39.7#

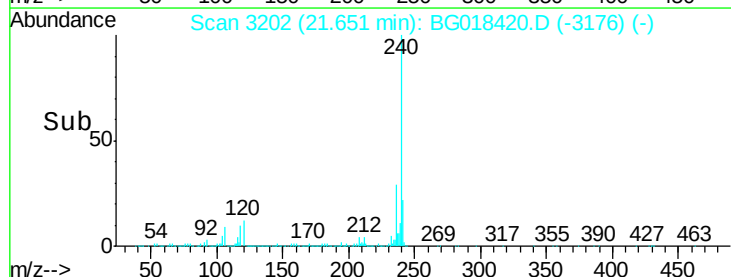
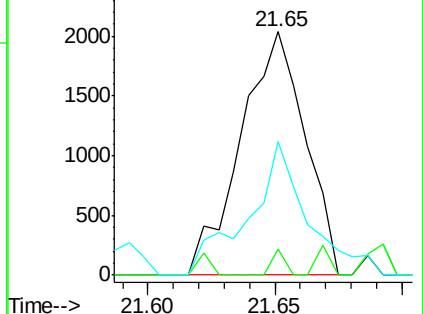
229 55.1 16.9 25.3#

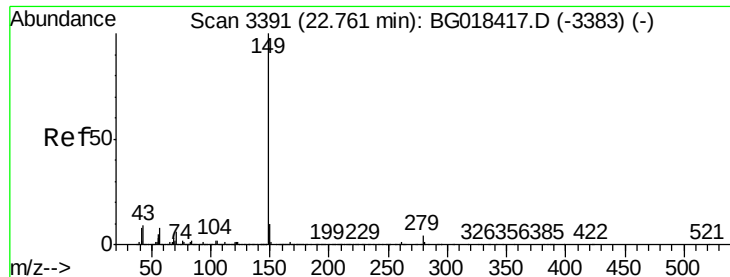


Abundance Ion 228.00 (227.70 to 228.70): E

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: 22.75 min Scan# 3389

Delta R.T. -0.01 min

Lab File: BG018420.D

Acq: 13 Aug 2015 5:21

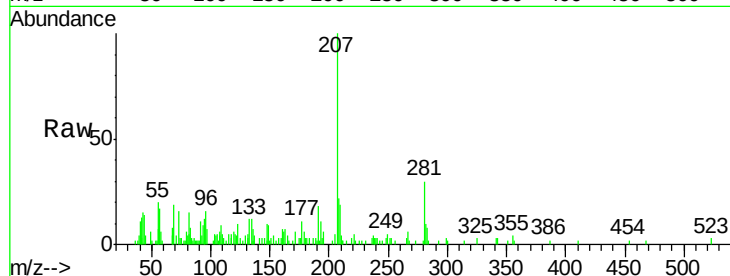
Instrument :

BNA_M

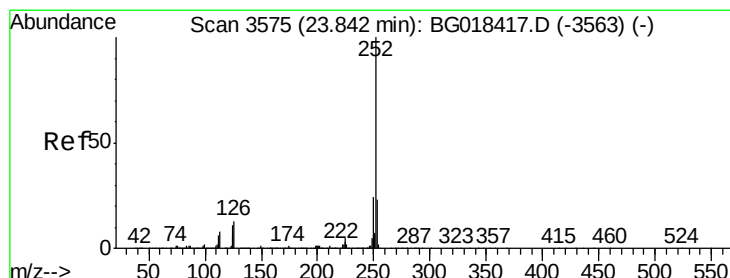
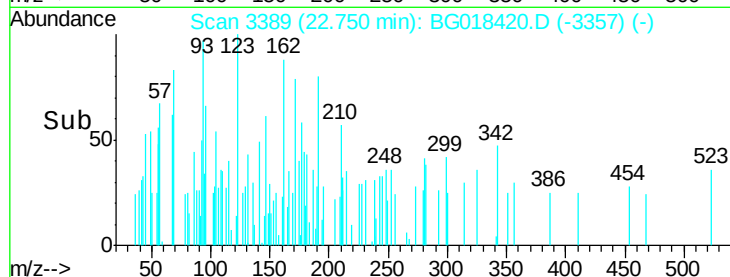
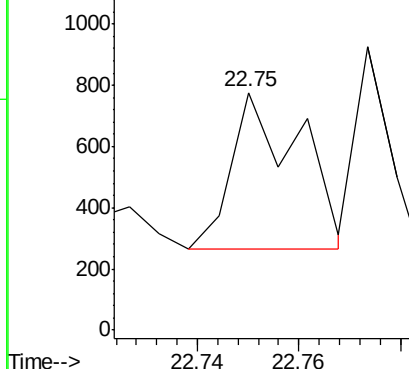
ClientSampleId :

MDL-02-W

Tgt Ion:149 Resp: 480



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 23.83 min Scan# 3573

Delta R.T. -0.01 min

Lab File: BG018420.D

Acq: 13 Aug 2015 5:21

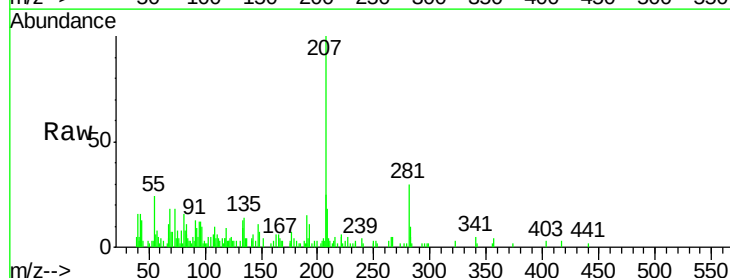
Tgt Ion:252 Resp: 76

Ion Ratio Lower Upper

252 100

253 87.5 18.1 27.1#

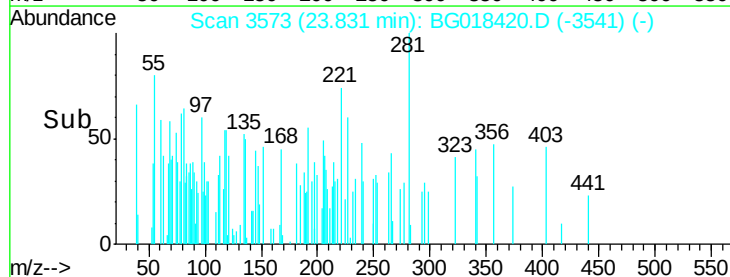
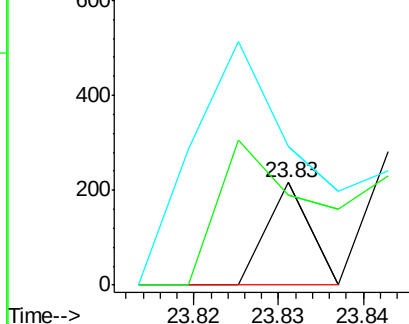
125 135.2 8.3 12.5#

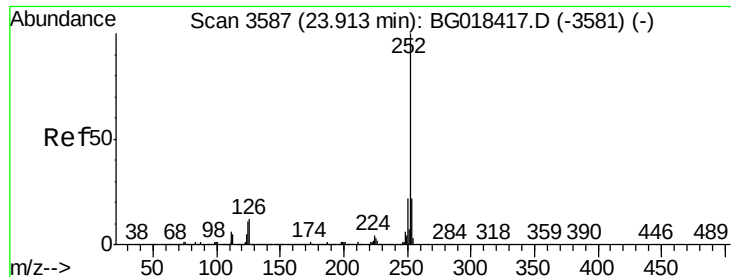


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 23.92 min Scan# 3588

Delta R.T. 0.00 min

Lab File: BG018420.D

Acq: 13 Aug 2015 5:21

Instrument :

BNA_M

ClientSampleId :

MDL-02-W

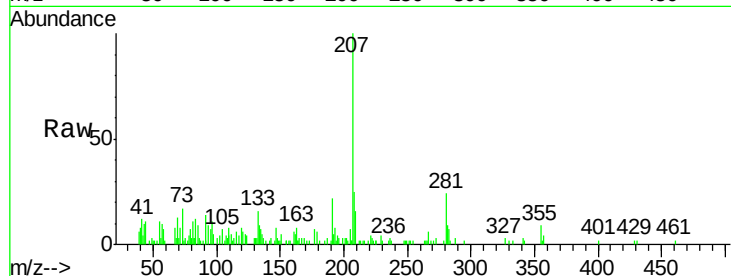
Tgt Ion:252 Resp: 133

Ion Ratio Lower Upper

252 100

253 75.4 17.8 26.6#

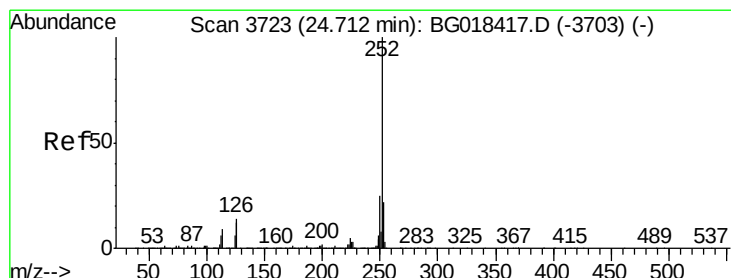
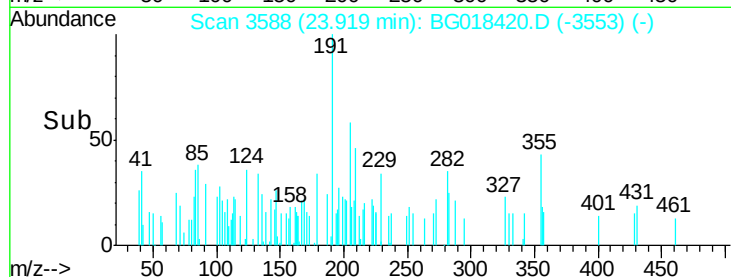
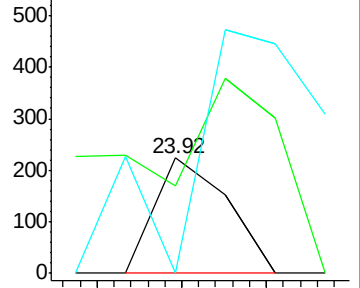
125 0.0 9.0 13.4#



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: 0.01 ng/ul

RT: 24.74 min Scan# 3727

Delta R.T. 0.02 min

Lab File: BG018420.D

Acq: 13 Aug 2015 5:21

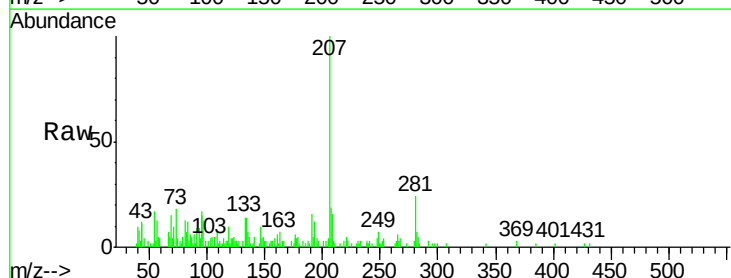
Tgt Ion:252 Resp: 308

Ion Ratio Lower Upper

252 100

253 137.9 17.7 26.5#

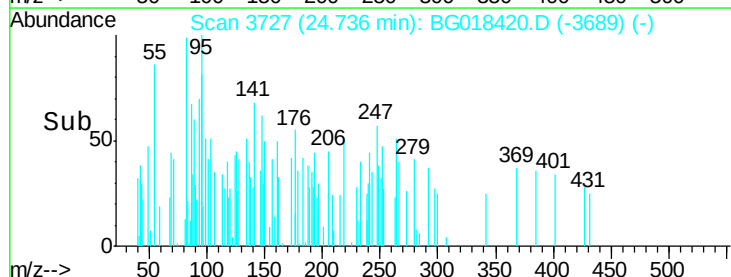
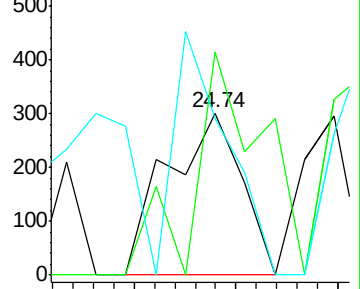
125 97.0 10.2 15.2#

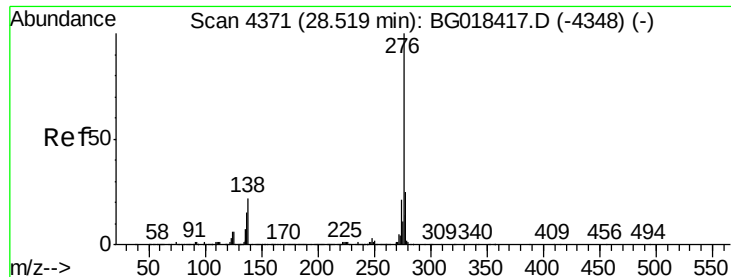


Abundance Ion 252.00 (251.70 to 252.70): E

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: 28.53 min Scan# 4372

Delta R.T. 0.00 min

Lab File: BG018420.D

Acq: 13 Aug 2015 5:21

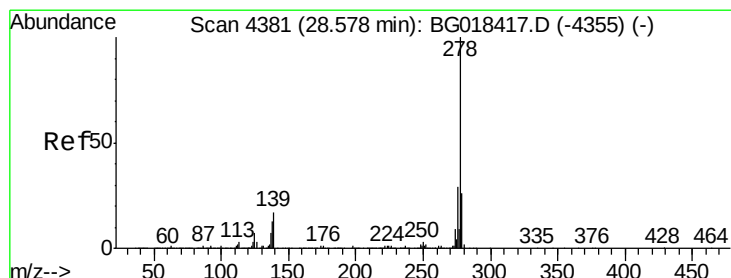
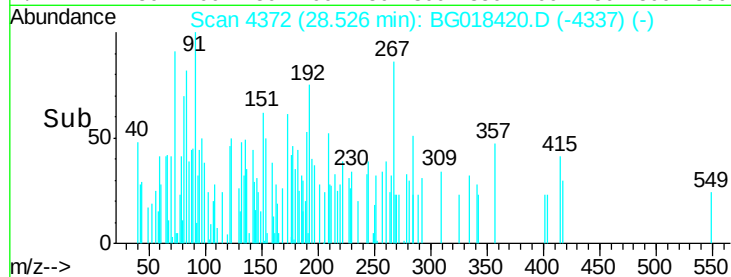
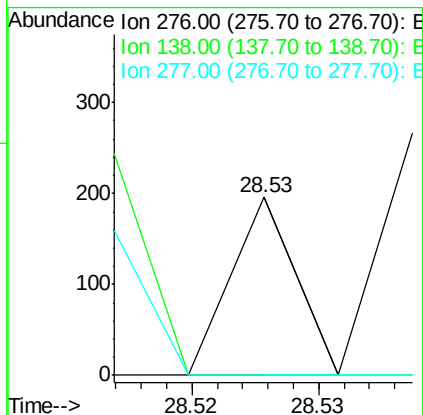
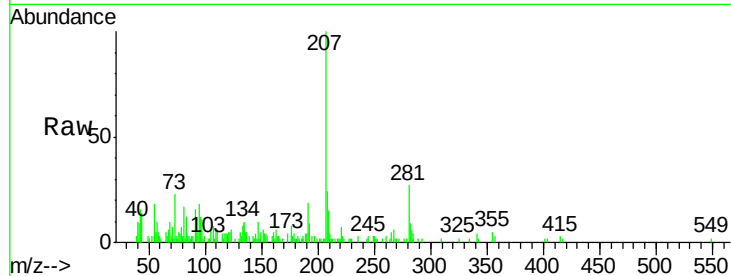
Instrument :

BNA_M

ClientSampleId :

MDL-02-W

Tgt Ion:	276	Resp:	69
Ion	Ratio	Lower	Upper
276	100		
138	0.0	15.8	23.6#
277	0.0	18.9	28.3#



#93

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

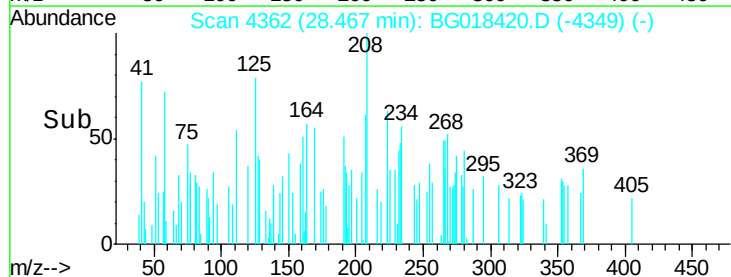
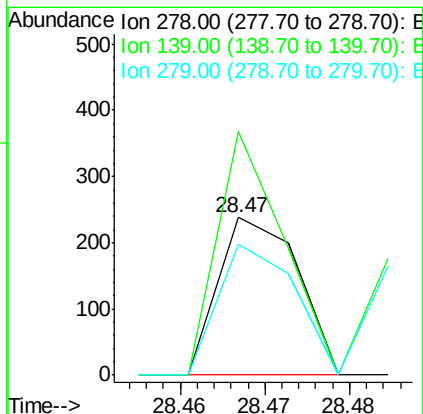
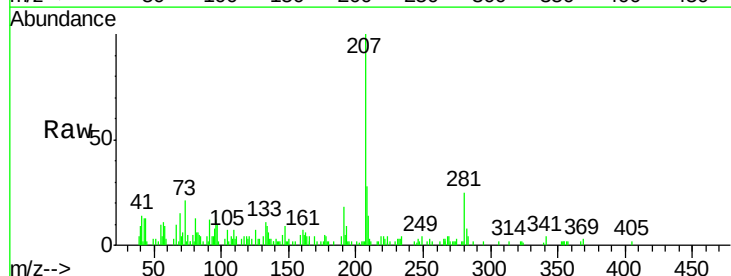
RT: 28.47 min Scan# 4362

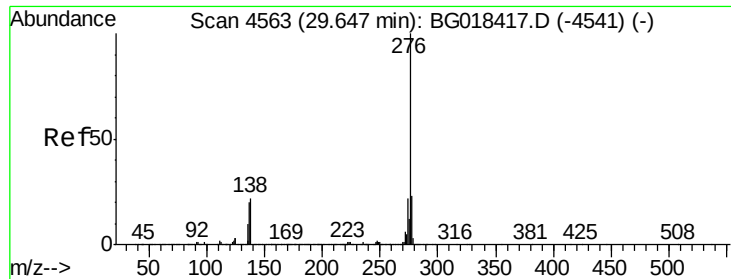
Delta R.T. -0.13 min

Lab File: BG018420.D

Acq: 13 Aug 2015 5:21

Tgt Ion:	278	Resp:	154
Ion	Ratio	Lower	Upper
278	100		
139	154.6	13.8	20.6#
279	82.8	17.8	26.8#





#94

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 29.67 min Scan# 4566

Delta R.T. -0.01 min

Lab File: BG018420.D

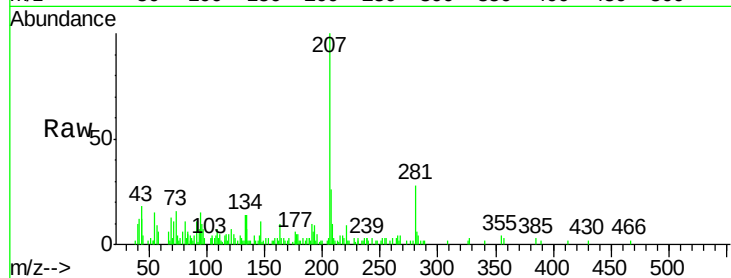
Acq: 13 Aug 2015 5:21

Instrument :

BNA_M

ClientSampleId :

MDL-02-W



Tgt Ion:	276	Resp:	111
Ion	Ratio	Lower	Upper
276	100		
138	98.1	16.5	24.7#
277	0.0	19.0	28.6#

