

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081215\
 Data File : BG018419.D
 Acq On : 13 Aug 2015 4:43
 Operator : UM/MA
 Sample : MDL-01-W
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 MDL-03-W

Quant Time: Aug 13 05:44:32 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	121427	20.00	ng/ul	0.00
18) Naphthalene-d8	10.83	136	538785	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.65	164	361039	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	891101	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	926848	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	922904	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	14411	5.24	ng/uL	0.00
5) Phenol-d5	7.18	99	289102	26.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	181627	26.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	218532	25.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	241441	26.07	ng/ul	0.00
19) Nitrobenzene-d5	9.18	128	122843	29.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	130880	30.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	243324	26.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	344184	33.55	ng/ul	0.00
44) Dimethylphthalate-d6	14.05	166	841204	27.69	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	1014746	26.53	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	159950	29.27	ng/ul	0.00
58) Fluorene-d10	15.64	176	728667	27.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	103979	23.72	ng/ul	0.00
71) Anthracene-d10	17.49	188	1178252	27.65	ng/ul	0.00
79) Pyrene-d10	19.77	212	1289831	26.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.65	264	1372767	28.02	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	66	0.02	ng/uL#	1
4) Benzaldehyde	7.14	77	339	0.05	ng/ul#	1
6) Phenol	7.17	94	71	0.01	ng/ul#	1
8) Bis(2-Chloroethyl)ether	7.43	93	817	0.09	ng/ul	96
10) 2-Chlorophenol	7.64	128	86	0.01	ng/ul#	33
11) 2-Methylphenol	8.47	108	251	0.03	ng/ul#	4
12) 2,2'-oxybis(1-Chloropropan	8.54	45	162	0.01	ng/ul#	69
14) Acetophenone	8.80	105	133	0.01	ng/ul#	20
15) N-Nitroso-di-n-propylamine	8.82	70	208	0.03	ng/ul#	64
16) 4-Methylphenol	8.78	108	235	0.02	ng/ul#	1
17) Hexachloroethane	9.21	117	62	0.02	ng/ul#	10
20) Nitrobenzene	9.21	77	237	0.02	ng/ul#	42
21) Isophorone	9.78	82	69	0.00	ng/ul#	66
24) 2,4-Dimethylphenol	10.02	107	252	0.02	ng/ul#	39
25) Bis(2-Chloroethoxy)methane	10.22	93	137	0.01	ng/ul#	52
27) 2,4-Dichlorophenol	10.46	162	133	0.02	ng/ul#	1
28) Naphthalene	10.88	128	63	0.00	ng/ul#	68
30) 4-Chloroaniline	10.99	127	71	0.01	ng/ul#	41
32) Caprolactam	11.99	113	68	0.02	ng/ul#	38
33) 4-Chloro-3-methylphenol	12.14	107	68	0.01	ng/ul#	1
34) 2-Methylnaphthalene	12.37	142	207	0.01	ng/ul#	1
35) 1-Methylnaphthalene	12.70	142	48144	2.39	ng/ul	93
43) 2-Nitroaniline	13.72	65	226	0.03	ng/ul#	9

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

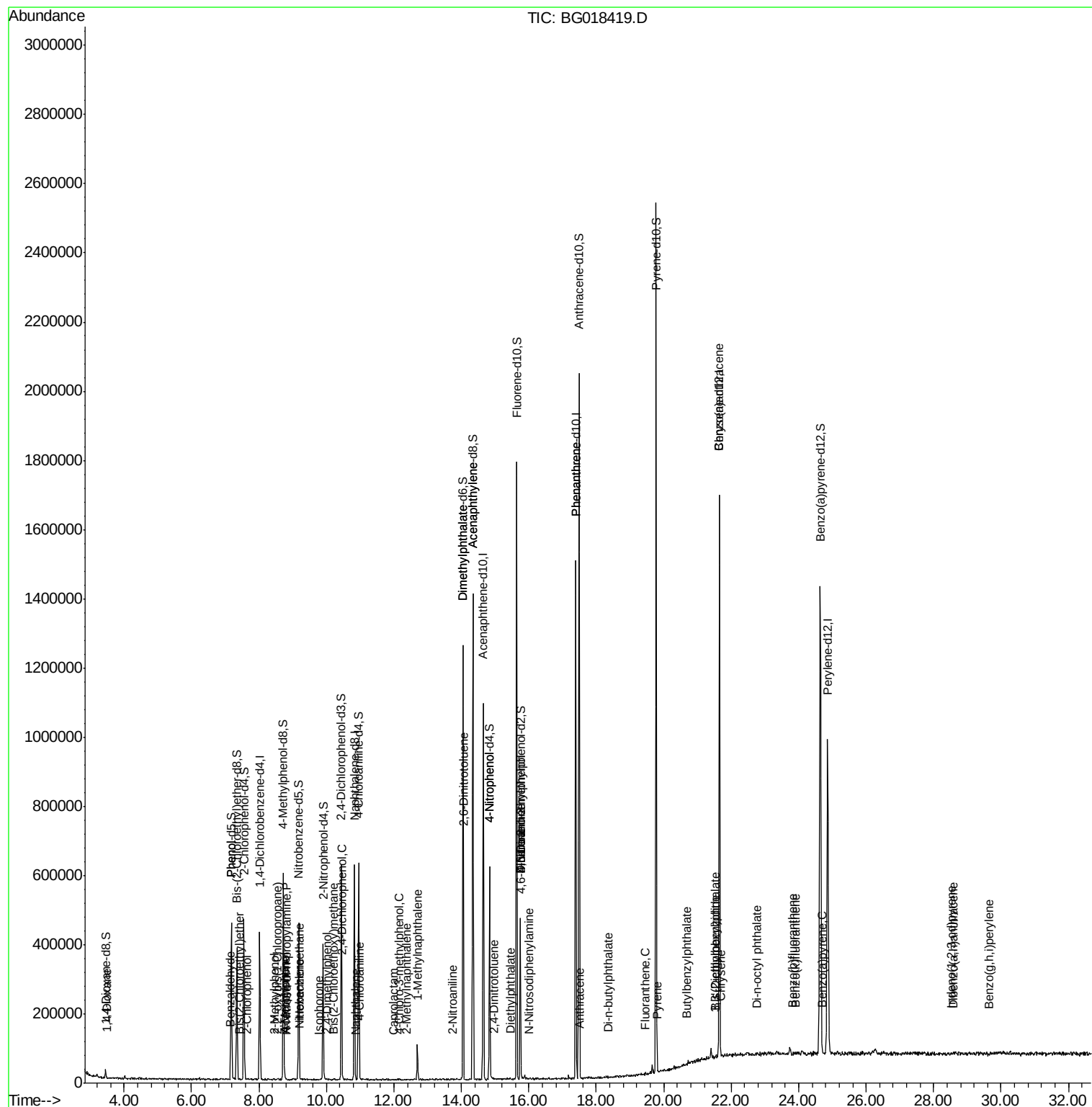
45) Dimethylphthalate	14.05	163	1314	0.04	ng/ul#	1
46) 2,6-Dinitrotoluene	14.07	165	1092	0.18	ng/ul#	34
48) Acenaphthylene	14.34	152	379	0.01	ng/ul#	46
53) 4-Nitrophenol	14.84	109	274	0.06	ng/ul#	1
55) 2,4-Dinitrotoluene	14.97	165	64	0.01	ng/ul#	34
57) Diethylphthalate	15.46	149	1359	0.04	ng/ul#	80
59) Fluorene	15.74	166	70	0.00	ng/ul#	1
61) 4-Nitroaniline	15.75	138	616	0.09	ng/ul#	1
64) 4,6-Dinitro-2-methylphenol	15.76	198	217	0.05	ng/ul#	1
65) N-Nitrosodiphenylamine	16.01	169	121	0.00	ng/ul#	20
70) Phenanthrene	17.40	178	382	0.01	ng/ul#	1
72) Anthracene	17.53	178	82	0.00	ng/ul#	59
76) Di-n-butylphthalate	18.35	149	1179	0.02	ng/ul#	78
77) Fluoranthene	19.44	202	319	0.01	ng/ul#	71
80) Pyrene	19.81	202	190	0.00	ng/ul#	67
81) Butylbenzylphthalate	20.68	149	379	0.01	ng/ul#	82
82) 3,3'-Dichlorobenzidine	21.52	252	253	0.01	ng/ul#	26
83) Benzo(a)anthracene	21.65	228	3947	0.07	ng/ul#	68
84) Bis(2-ethylhexyl)phthalate	21.54	149	2006	0.05	ng/ul#	88
85) Chrysene	21.69	228	413	0.01	ng/ul#	55
87) Di-n-octyl phthalate	22.76	149	338	0.01	ng/ul	100
88) Benzo(b)fluoranthene	23.83	252	167	0.00	ng/ul#	1
89) Benzo(k)fluoranthene	23.91	252	222	0.00	ng/ul#	1
91) Benzo(a)pyrene	24.71	252	368	0.01	ng/ul#	15
92) Indeno(1,2,3-cd)pyrene	28.52	276	99	0.00	ng/ul#	35
93) Dibenzo(a,h)anthracene	28.57	278	173	0.00	ng/ul#	1
94) Benzo(g,h,i)perylene	29.65	276	201	0.00	ng/ul#	53

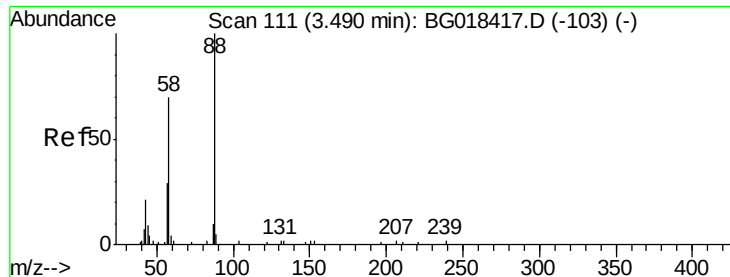
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.02 ng/uL

RT: 3.48 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

Instrument :

BNA_G

ClientSampleId :

MDL-03-W

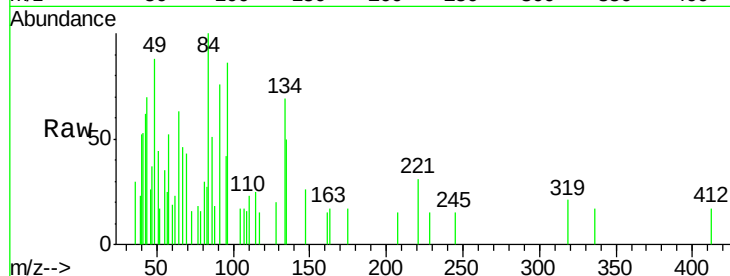
Tgt Ion: 88 Resp: 66

Ion Ratio Lower Upper

88 100

43 351.6 33.0 49.4#

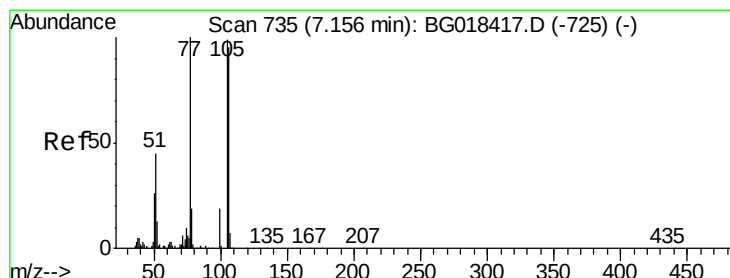
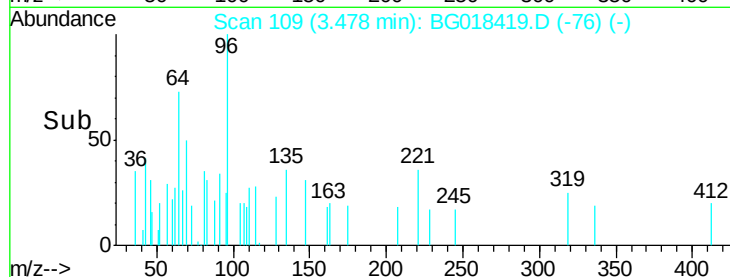
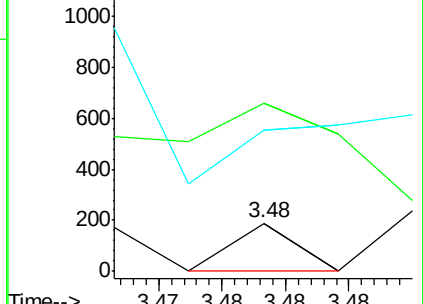
58 294.7 73.4 110.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Ion 58.00 (57.70 to 58.70): BGC



#4

Benzaldehyde

Concen: 0.05 ng/uL

RT: 7.14 min Scan# 733

Delta R.T. -0.01 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

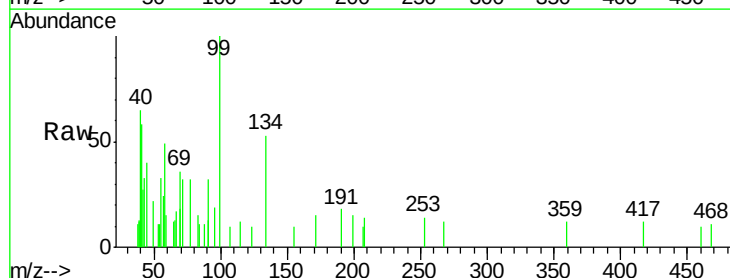
Tgt Ion: 77 Resp: 339

Ion Ratio Lower Upper

77 100

105 0.0 78.2 117.2#

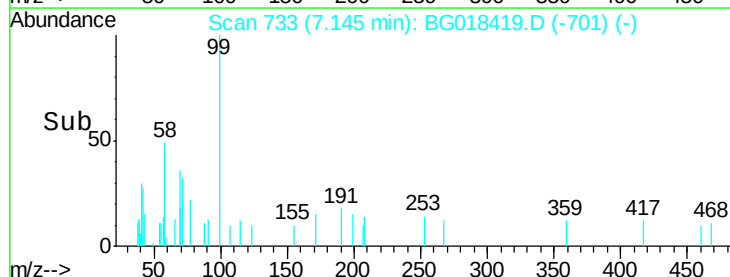
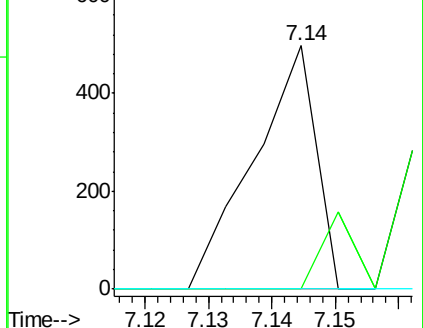
106 0.0 76.8 115.2#

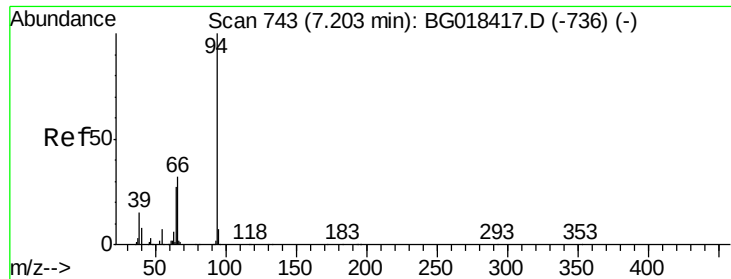


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 0.01 ng/ul

RT: 7.17 min Scan# 738

Delta R.T. -0.04 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

Instrument :

BNA_G

ClientSampled :

MDL-03-W

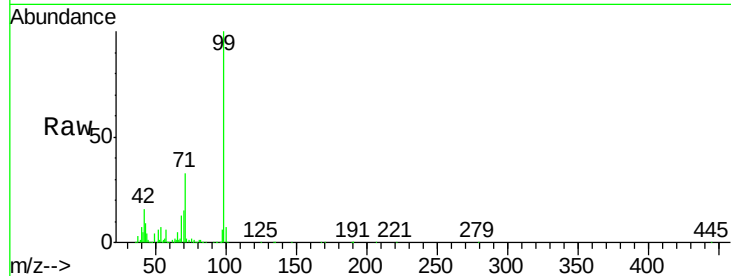
Tgt Ion: 94 Resp: 71

Ion Ratio Lower Upper

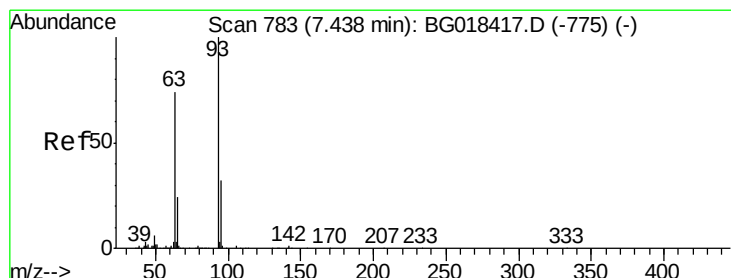
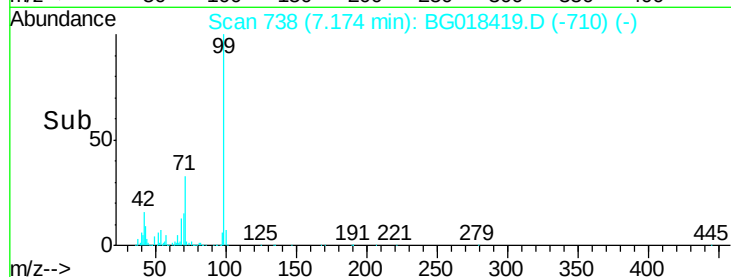
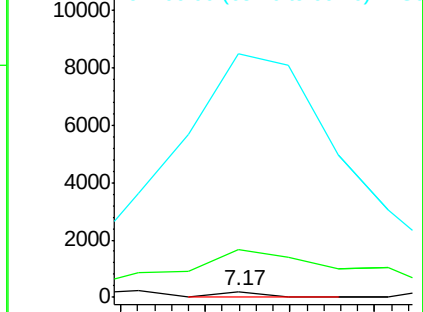
94 100

65 835.3 23.0 34.6#

66 4223.4 31.0 46.4#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#8

Bis(2-Chloroethyl)ether

Concen: 0.09 ng/ul

RT: 7.43 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

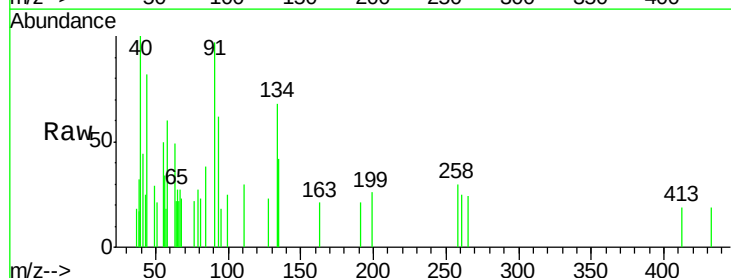
Tgt Ion: 93 Resp: 817

Ion Ratio Lower Upper

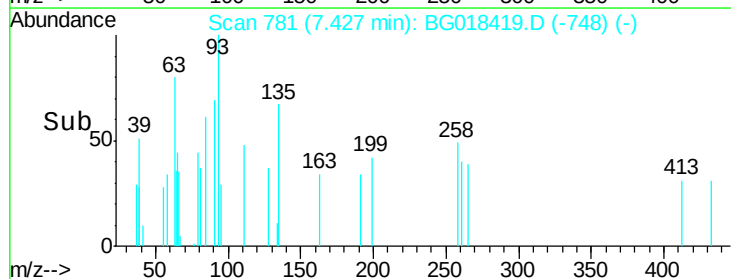
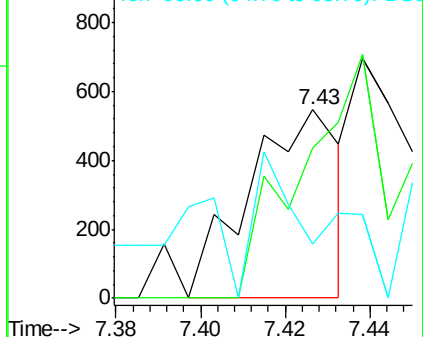
93 100

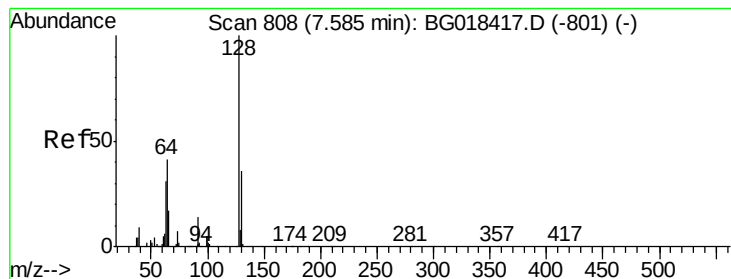
63 79.7 61.4 92.2

95 28.9 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: 7.64 min Scan# 818

Delta R.T. 0.06 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

Instrument :

BNA_G

ClientSampleId :

MDL-03-W

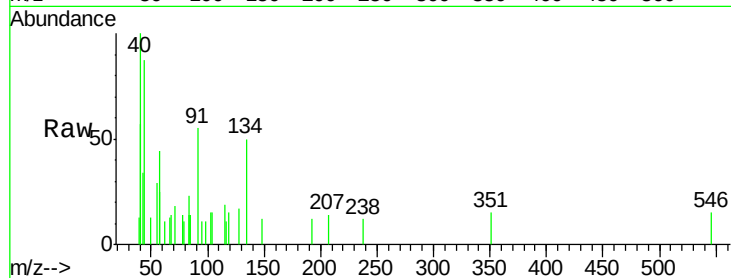
Tgt Ion:128 Resp: 86

Ion Ratio Lower Upper

128 100

64 0.0 40.9 61.3#

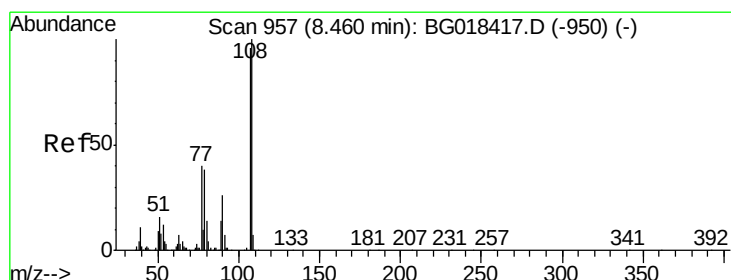
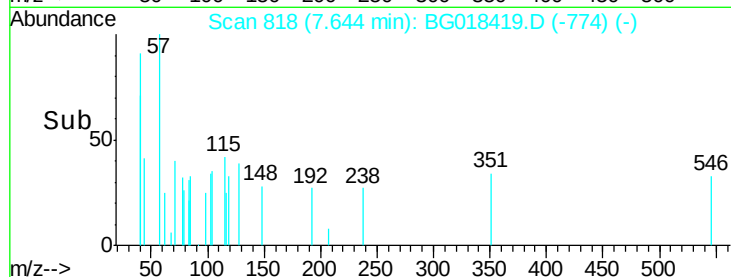
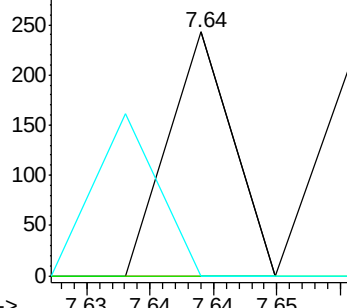
130 0.0 24.5 36.7#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 0.03 ng/ul

RT: 8.47 min Scan# 958

Delta R.T. 0.00 min

Lab File: BG018419.D

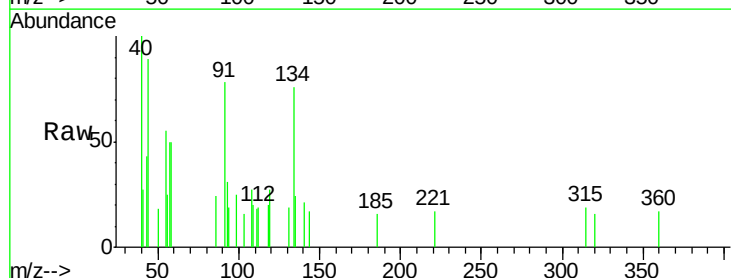
Acq: 13 Aug 2015 4:43

Tgt Ion:108 Resp: 251

Ion Ratio Lower Upper

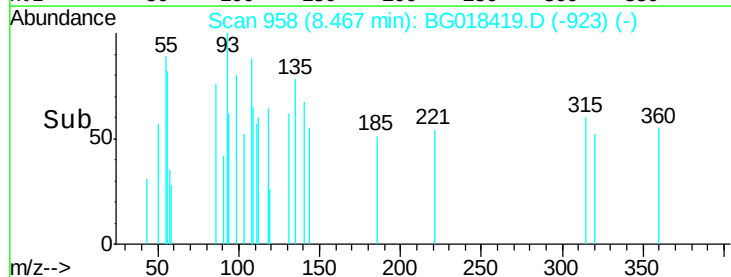
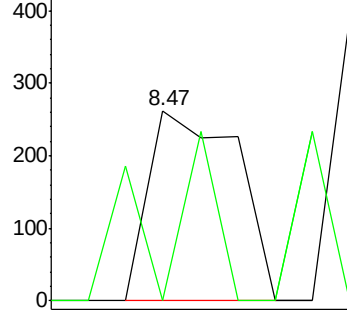
108 100

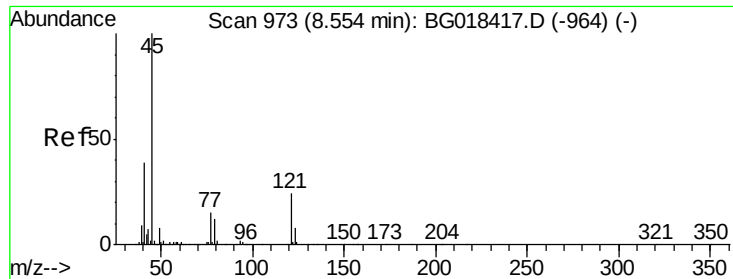
107 0.0 72.1 108.1#



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#12

2,2'-oxybis(1-Chloropropane)

Concen: 0.01 ng/ul

RT: 8.54 min Scan# 971

Delta R.T. -0.01 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

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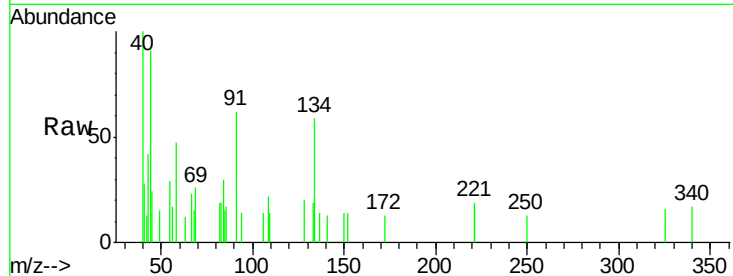
Tgt Ion: 45 Resp: 162

Ion Ratio Lower Upper

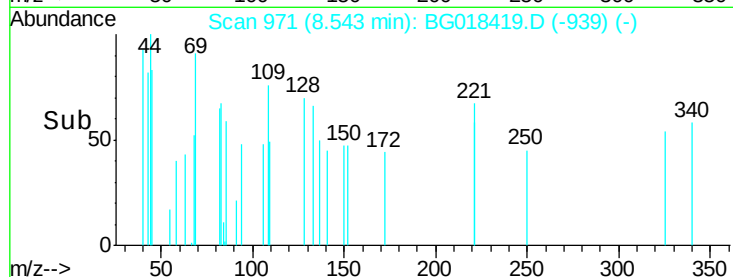
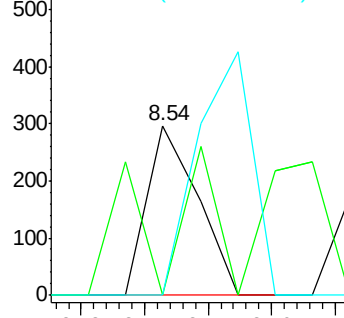
45 100

77 0.0 11.3 16.9#

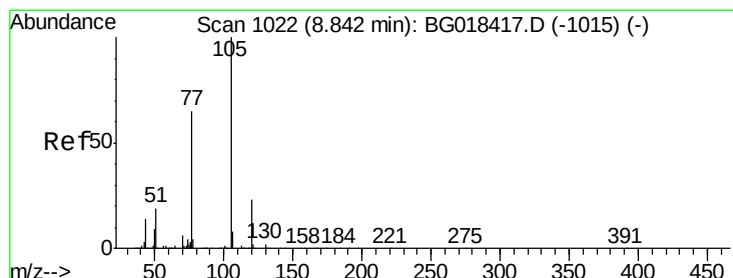
79 0.0 7.8 11.8#



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC



Time-->



#14

Acetophenone

Concen: 0.01 ng/ul

RT: 8.80 min Scan# 1014

Delta R.T. -0.04 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

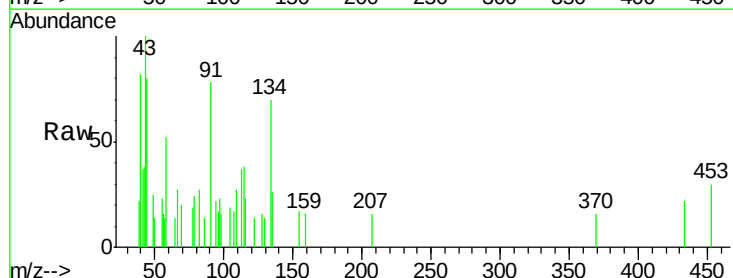
Tgt Ion: 105 Resp: 133

Ion Ratio Lower Upper

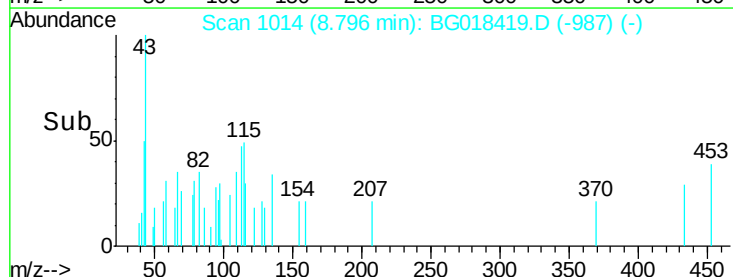
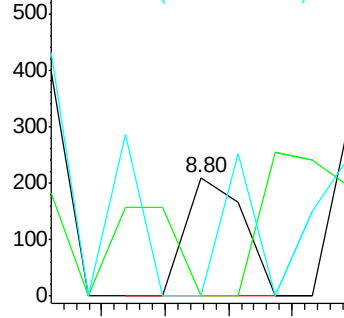
105 100

77 0.0 61.9 92.9#

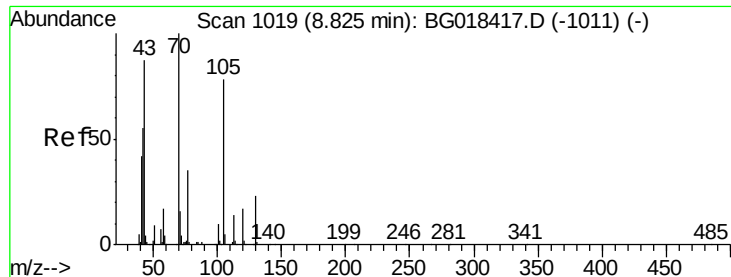
51 0.0 25.5 38.3#



Abundance Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



Time-->



#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: BG018419.D

Acq: 13 Aug 2015 4:43

Instrument :

BNA_G

ClientSampleId :

MDL-03-W

Tgt Ion: 70 Resp: 208

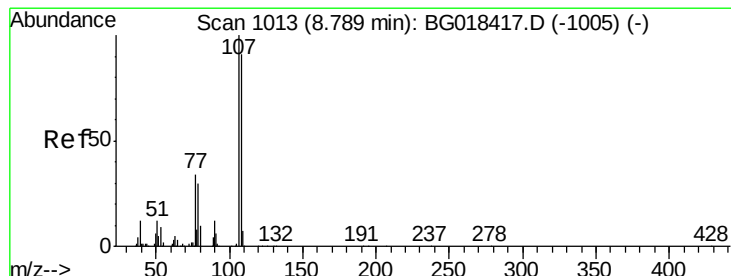
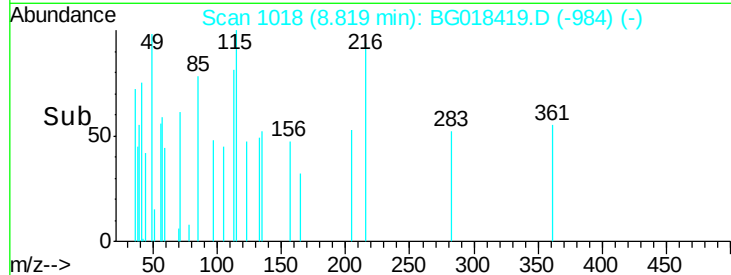
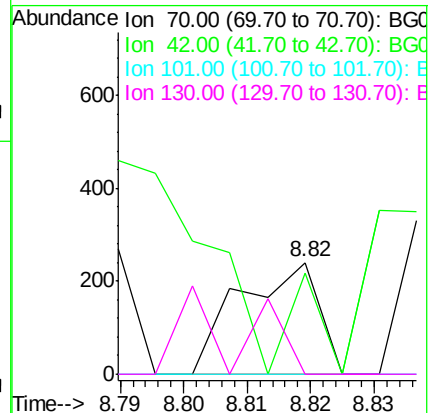
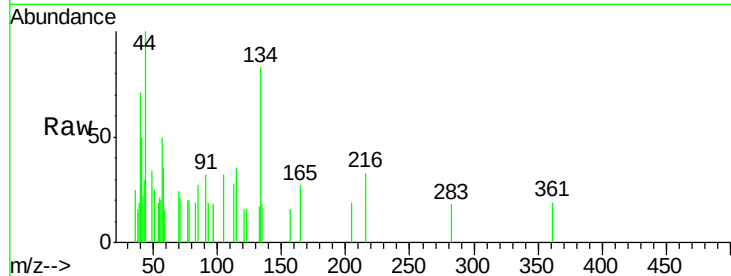
Ion Ratio Lower Upper

70 100

42 91.3 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: 8.78 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG018419.D

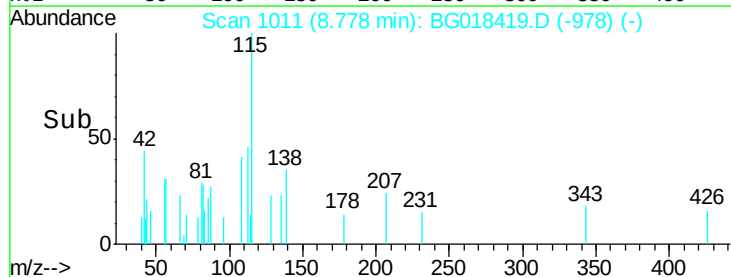
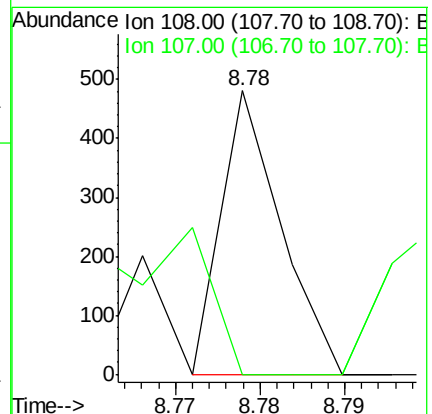
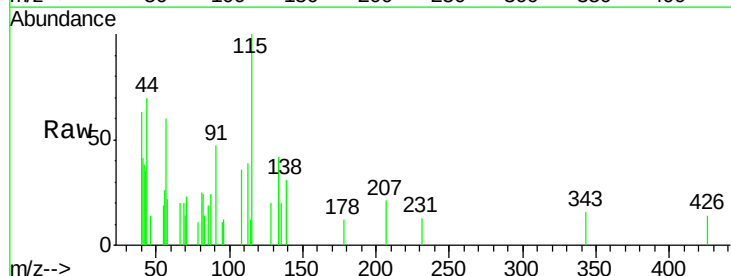
Acq: 13 Aug 2015 4:43

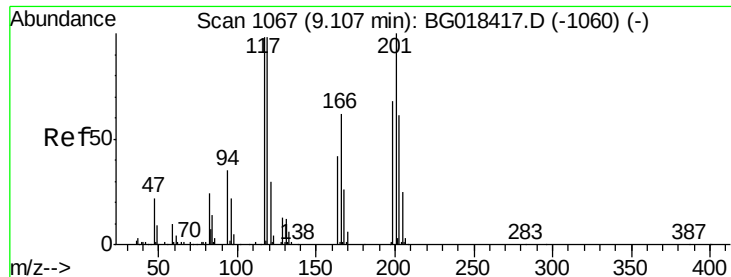
Tgt Ion: 108 Resp: 235

Ion Ratio Lower Upper

108 100

107 0.0 94.6 142.0#

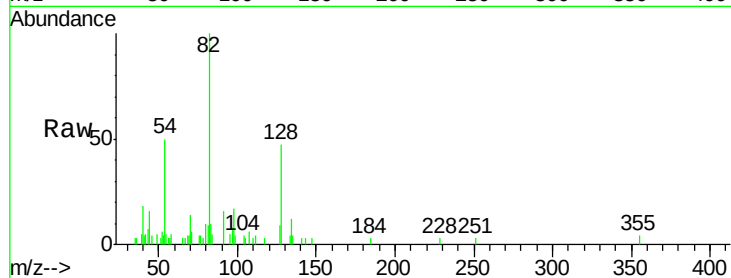




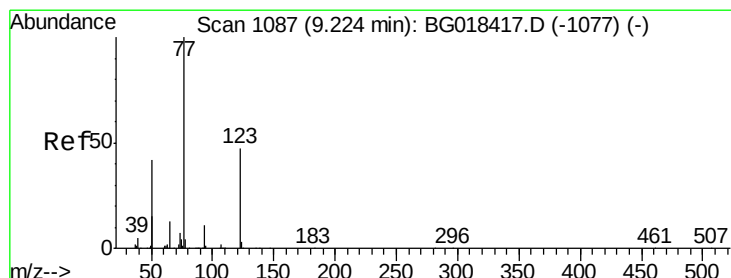
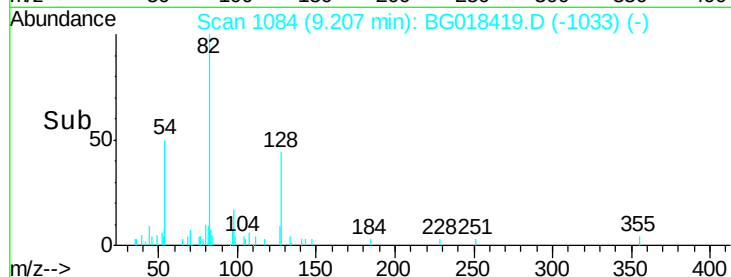
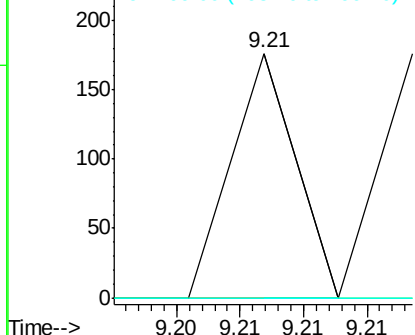
#17
Hexachloroethane
Concen: 0.02 ng/ul
RT: 9.21 min Scan# 1084
Delta R.T. 0.10 min
Lab File: BG018419.D
Acq: 13 Aug 2015 4:43

Instrument :
BNA_G
ClientSampleId :
MDL-03-W

Tgt Ion: 117 Resp: 62
Ion Ratio Lower Upper
117 100
201 0.0 73.6 110.4#
199 0.0 48.6 72.8#

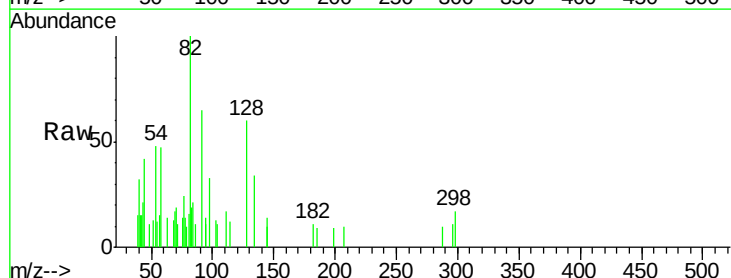


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

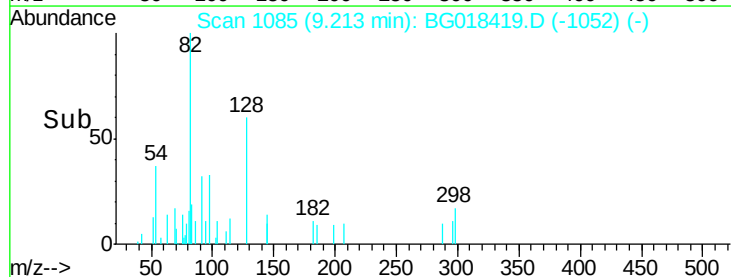
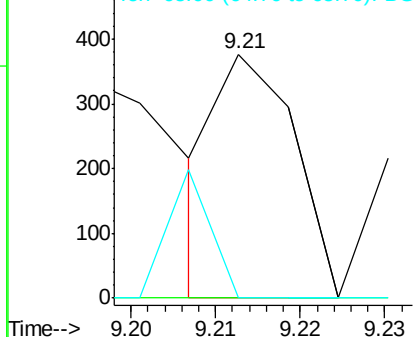


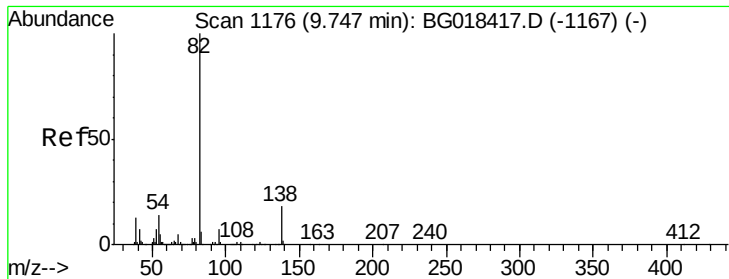
#20
Nitrobenzene
Concen: 0.02 ng/ul
RT: 9.21 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BG018419.D
Acq: 13 Aug 2015 4:43

Tgt Ion: 77 Resp: 237
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: 0.00 ng/ul

RT: 9.78 min Scan# 1181

Delta R.T. 0.03 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

Instrument :

BNA_G

ClientSampleId :

MDL-03-W

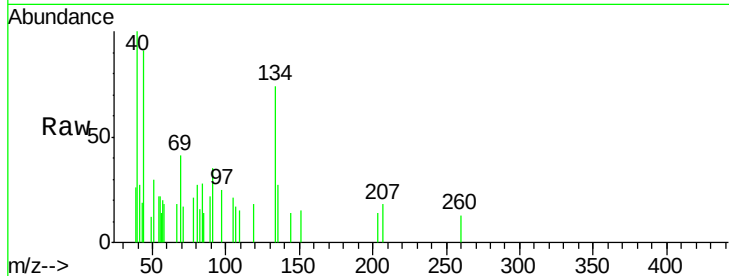
Tgt Ion: 82 Resp: 69

Ion Ratio Lower Upper

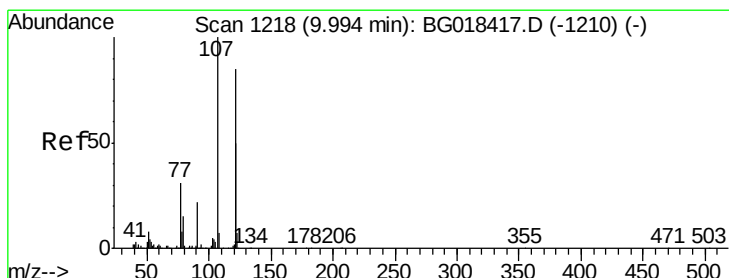
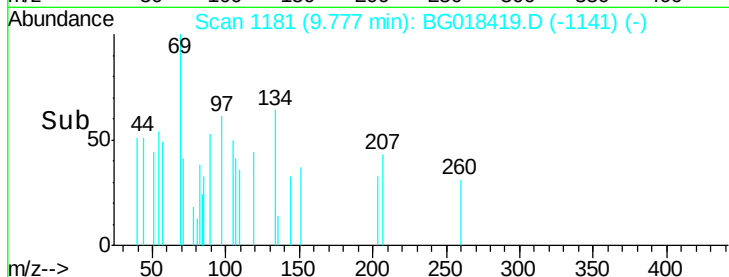
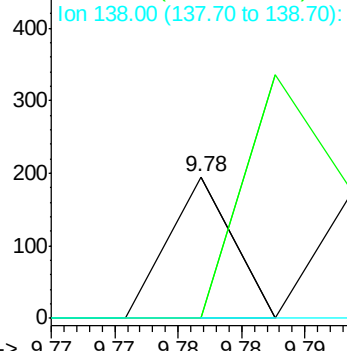
82 100

95 0.0 5.2 7.8#

138 0.0 13.8 20.8#



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



#24

2,4-Dimethylphenol

Concen: 0.02 ng/ul

RT: 10.02 min Scan# 1222

Delta R.T. 0.02 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

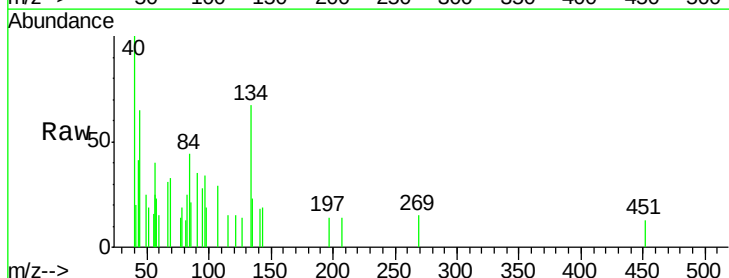
Tgt Ion: 107 Resp: 252

Ion Ratio Lower Upper

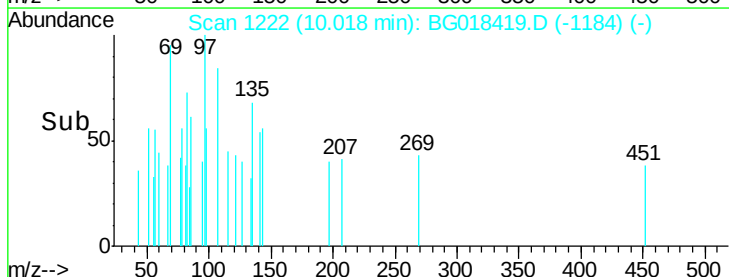
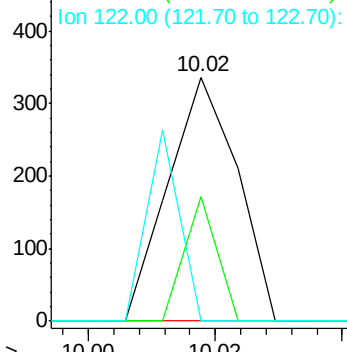
107 100

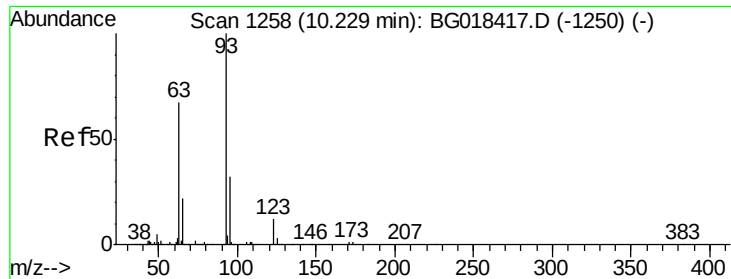
121 50.9 41.3 61.9

122 0.0 71.9 107.9#



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 121.00 (120.70 to 121.70): BGC
Ion 122.00 (121.70 to 122.70): BGC





#25

Bis(2-Chloroethoxy)methane

Concen: 0.01 ng/ul

RT: 10.22 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

Instrument :

BNA_G

ClientSampleId :

MDL-03-W

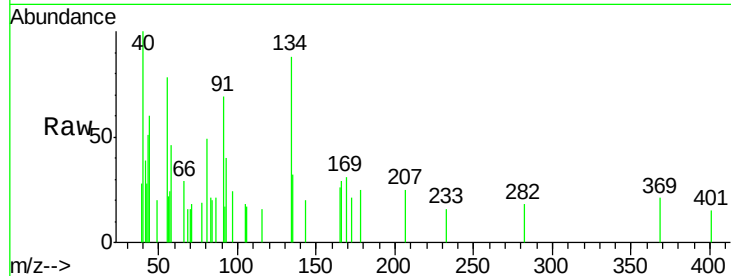
Tgt Ion: 93 Resp: 137

Ion Ratio Lower Upper

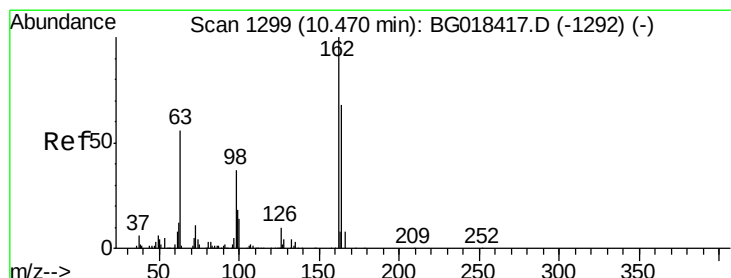
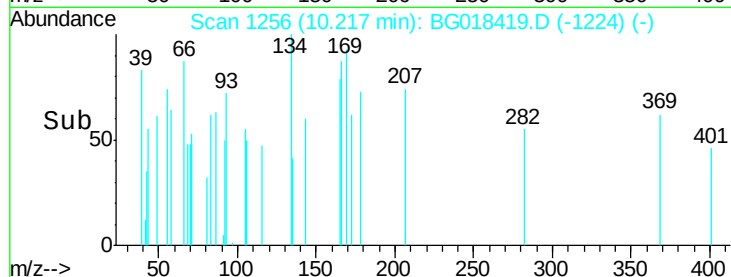
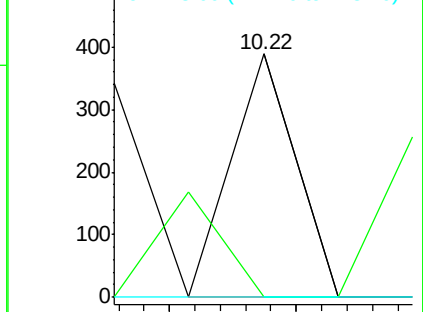
93 100

95 0.0 24.1 36.1#

123 0.0 8.9 13.3#



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



#27

2,4-Dichlorophenol

Concen: 0.02 ng/ul

RT: 10.46 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

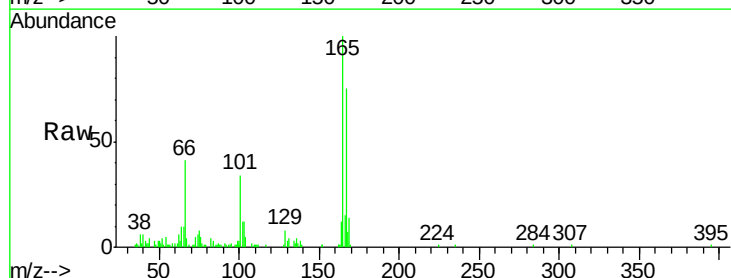
Tgt Ion: 162 Resp: 133

Ion Ratio Lower Upper

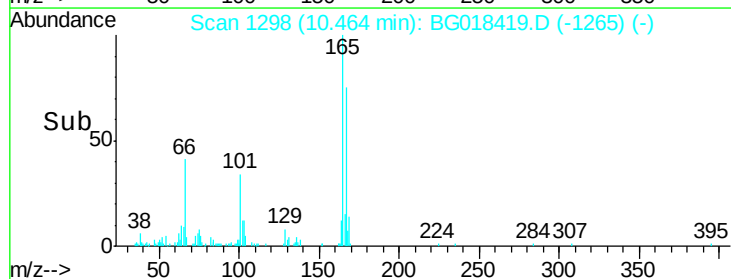
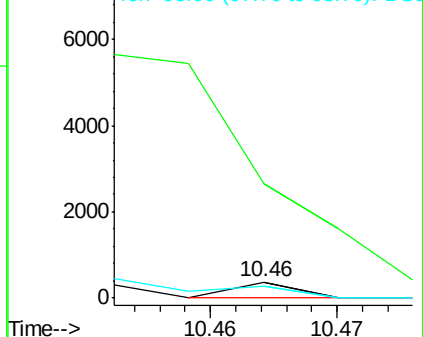
162 100

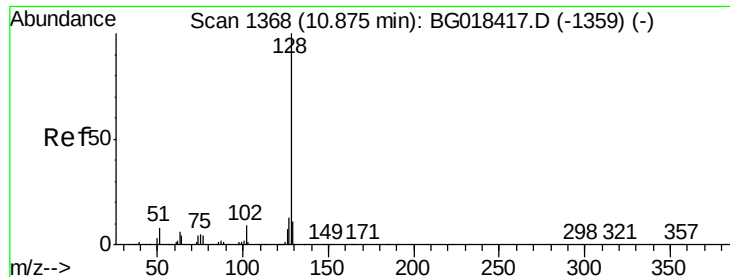
164 705.0 51.7 77.5#

98 75.1 30.4 45.6#



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

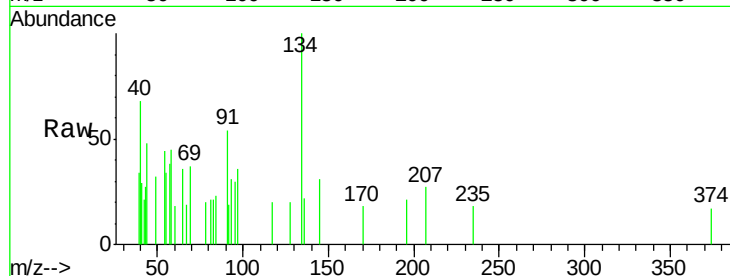




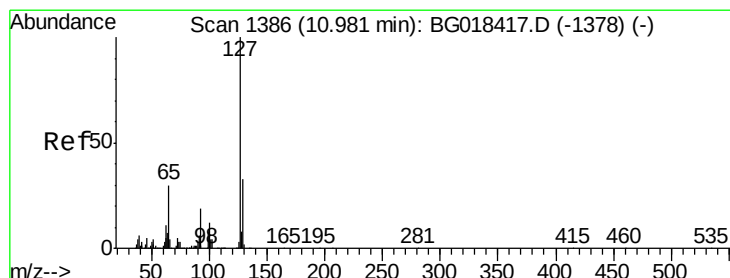
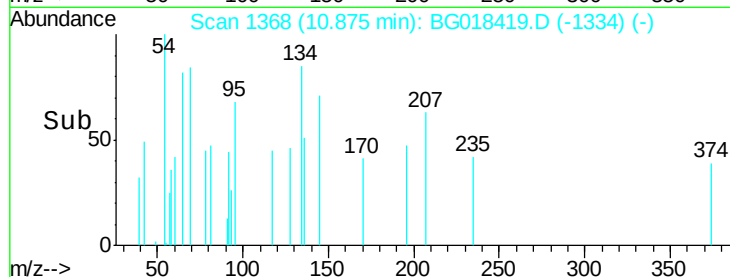
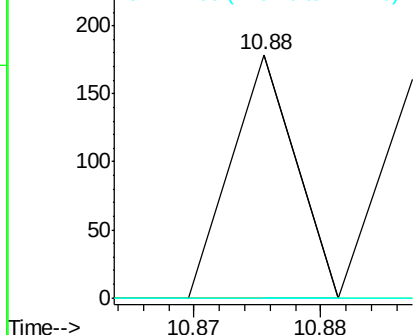
#28
Naphthalene
Concen: 0.00 ng/ul
RT: 10.88 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BG018419.D
Acq: 13 Aug 2015 4:43

Instrument :
BNA_G
ClientSampleId :
MDL-03-W

Tgt Ion:128 Resp: 63
Ion Ratio Lower Upper
128 100
129 0.0 9.6 14.4#
127 0.0 10.5 15.7#

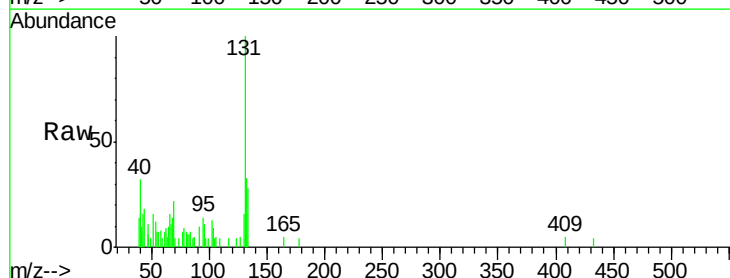


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

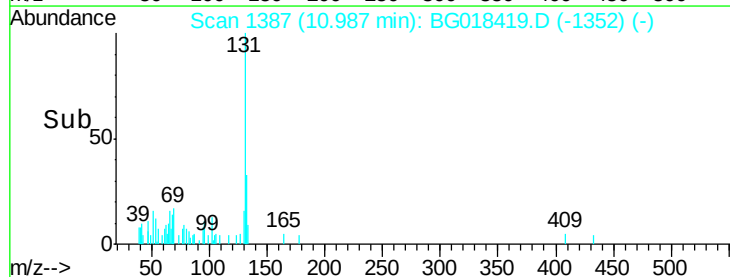
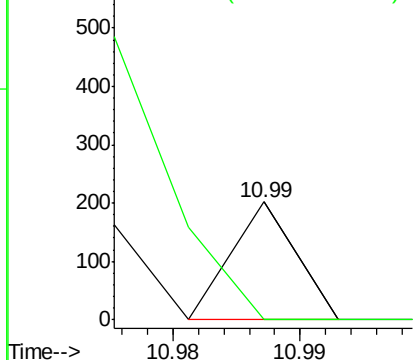


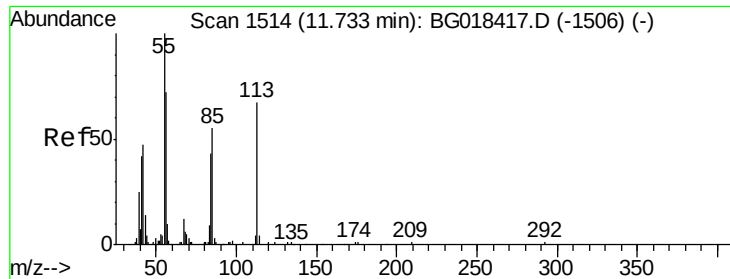
#30
4-Chloroaniline
Concen: 0.01 ng/ul
RT: 10.99 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG018419.D
Acq: 13 Aug 2015 4:43

Tgt Ion:127 Resp: 71
Ion Ratio Lower Upper
127 100
129 0.0 26.7 40.1#



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





#32

Caprolactam

Concen: 0.02 ng/ul

RT: 11.99 min Scan# 1558

Delta R.T. 0.26 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

Instrument :

BNA_G

ClientSampleId :

MDL-03-W

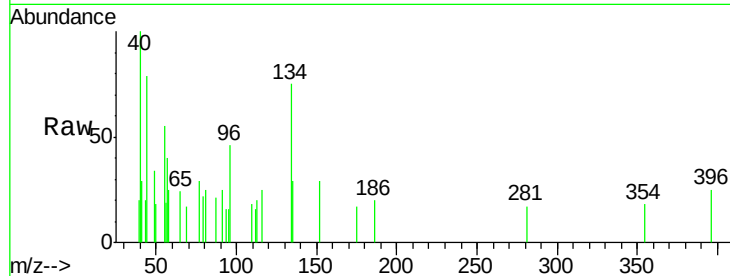
Tgt Ion:113 Resp: 68

Ion Ratio Lower Upper

113 100

55 269.8 124.2 186.4#

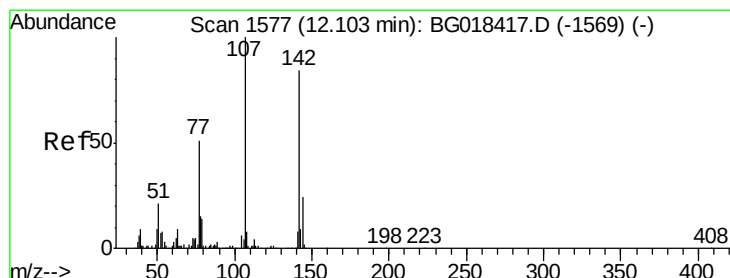
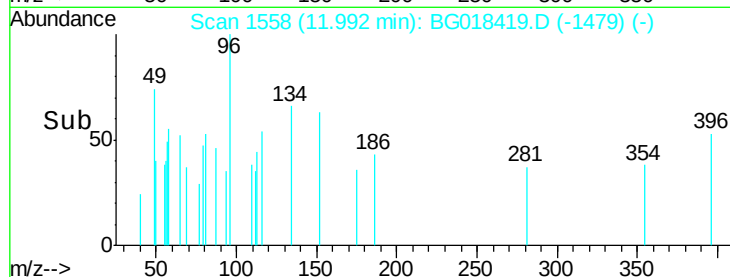
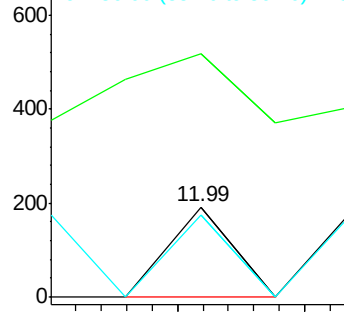
56 91.7 98.2 147.4#



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: 12.14 min Scan# 1584

Delta R.T. 0.04 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

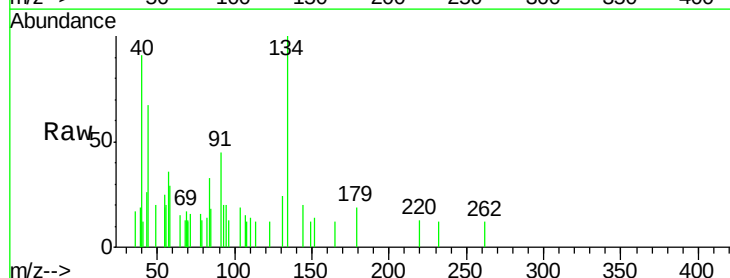
Tgt Ion:107 Resp: 68

Ion Ratio Lower Upper

107 100

144 132.1 21.4 32.2#

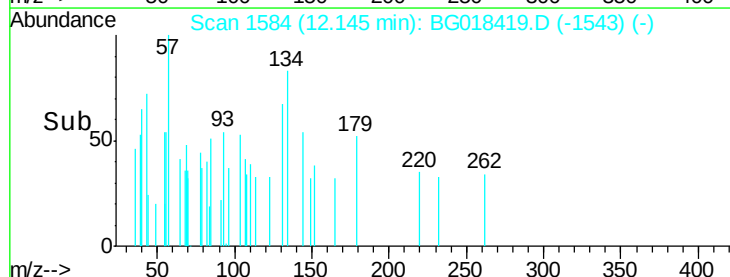
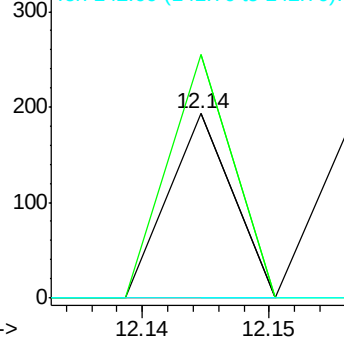
142 0.0 66.0 99.0#

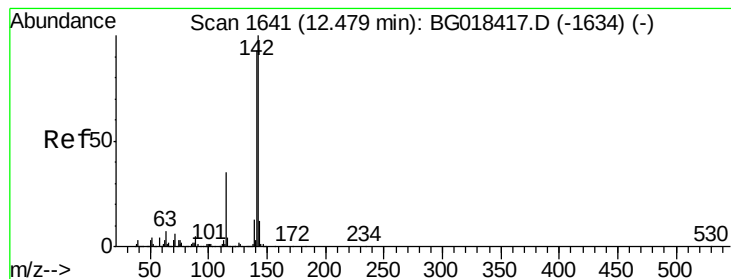


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 0.01 ng/ul

RT: 12.37 min Scan# 1623

Delta R.T. -0.11 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

Instrument :

BNA_G

ClientSampleId :

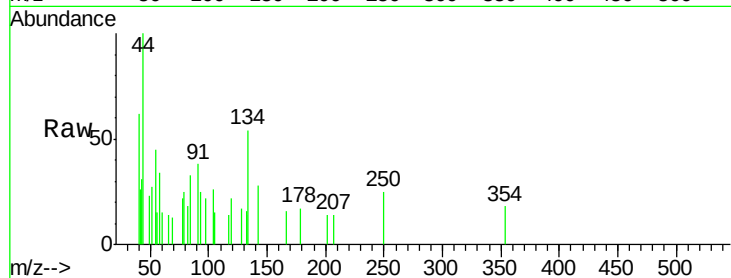
MDL-03-W

Tgt Ion:142 Resp: 207

Ion Ratio Lower Upper

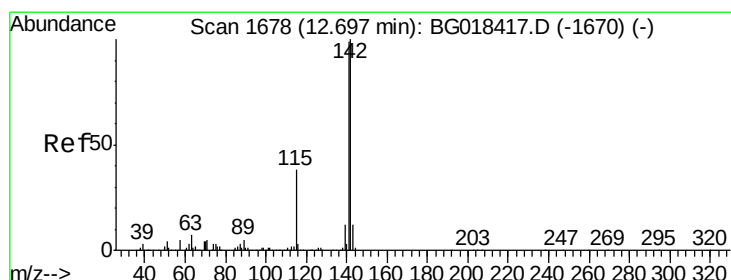
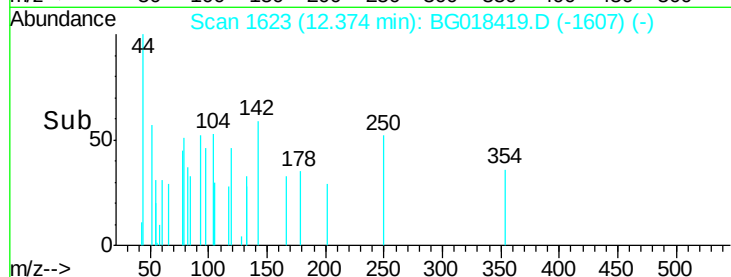
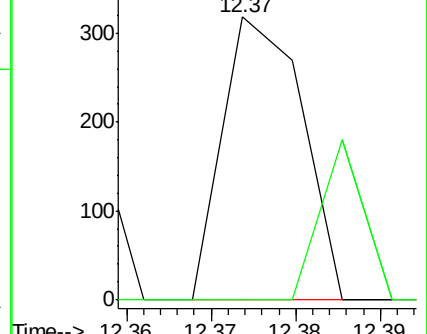
142 100

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: 2.39 ng/ul

RT: 12.70 min Scan# 1678

Delta R.T. -0.00 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

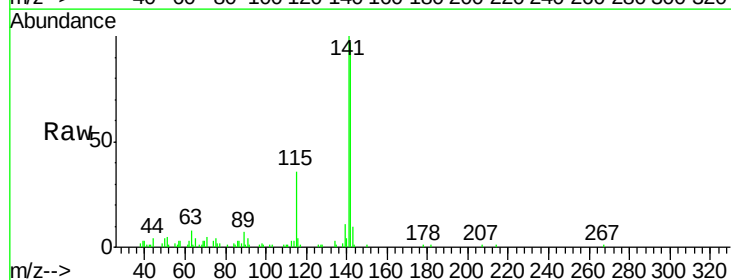
Tgt Ion:142 Resp: 48144

Ion Ratio Lower Upper

142 100

141 103.3 77.1 115.7

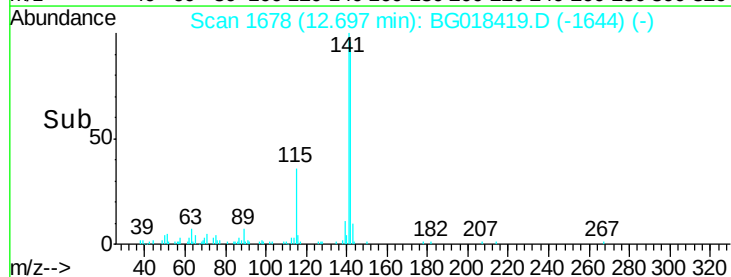
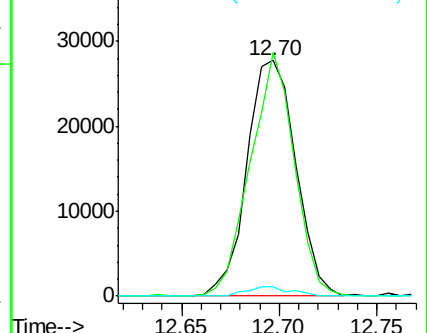
116 3.8 3.5 5.3

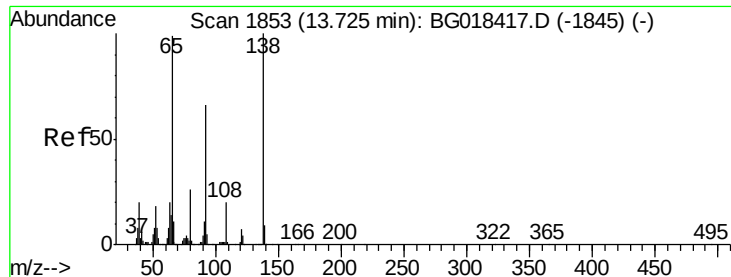


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

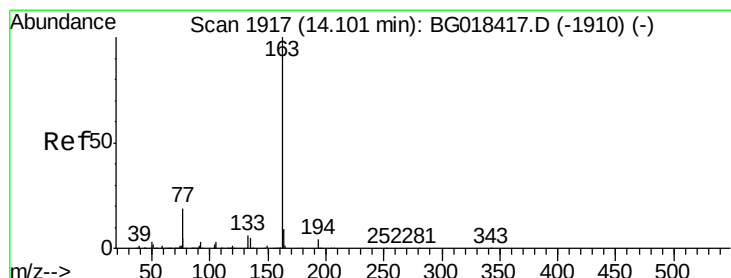
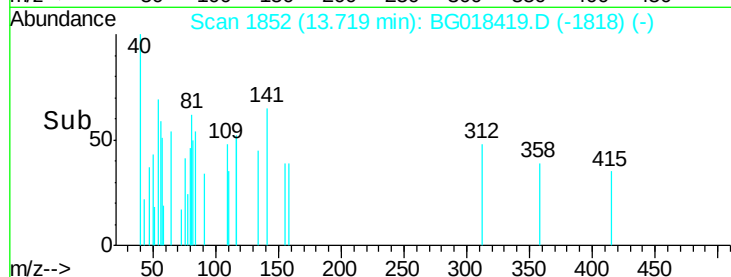
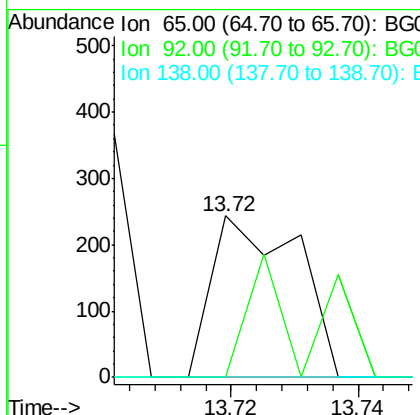
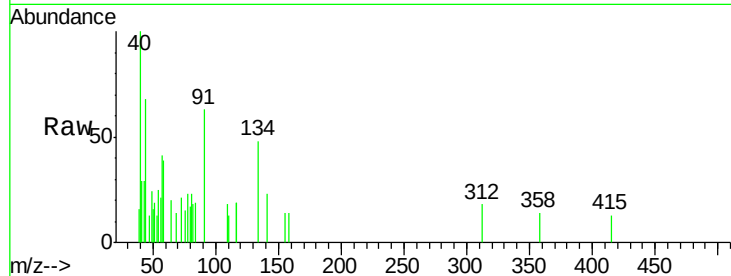




#43
2-Nitroaniline
Concen: 0.03 ng/ul
RT: 13.72 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BG018419.D
Acq: 13 Aug 2015 4:43

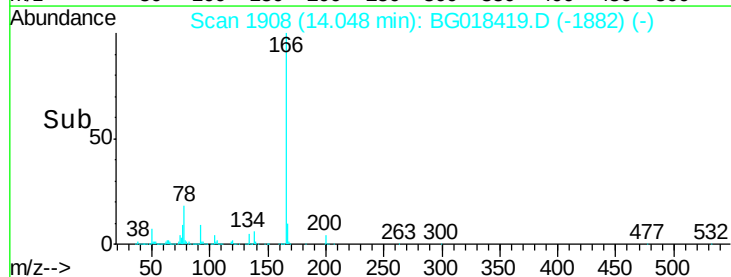
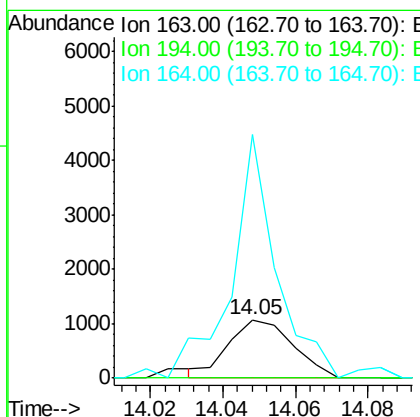
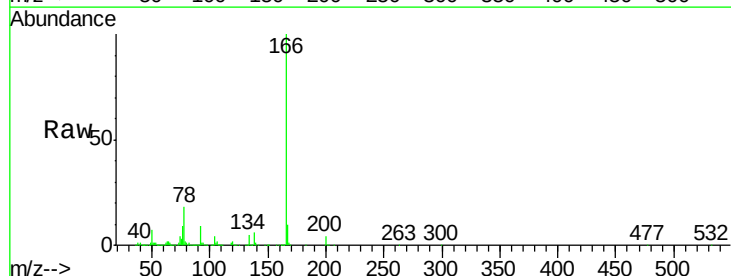
Instrument :
BNA_G
ClientSampleId :
MDL-03-W

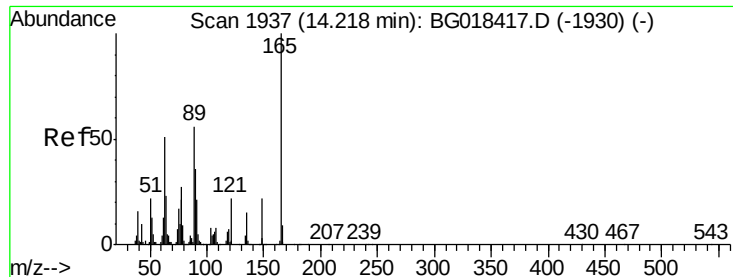
Tgt Ion: 65 Resp: 226
Ion Ratio Lower Upper
65 100
92 0.0 51.1 76.7#
138 0.0 75.1 112.7#



#45
Dimethylphthalate
Concen: 0.04 ng/ul
RT: 14.05 min Scan# 1908
Delta R.T. -0.05 min
Lab File: BG018419.D
Acq: 13 Aug 2015 4:43

Tgt Ion: 163 Resp: 1314
Ion Ratio Lower Upper
163 100
194 0.0 2.9 4.3#
164 416.8 7.7 11.5#

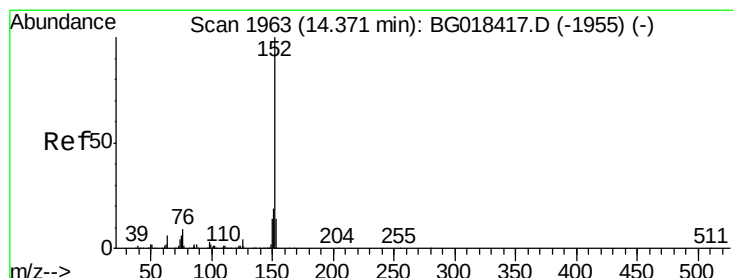
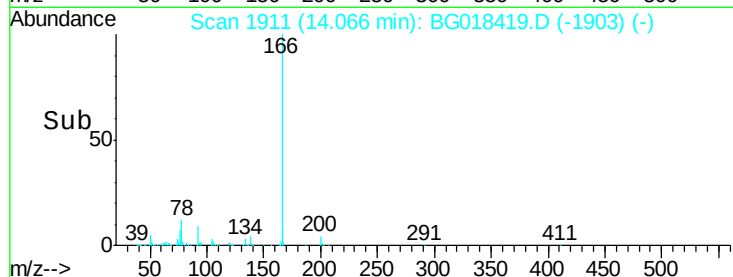
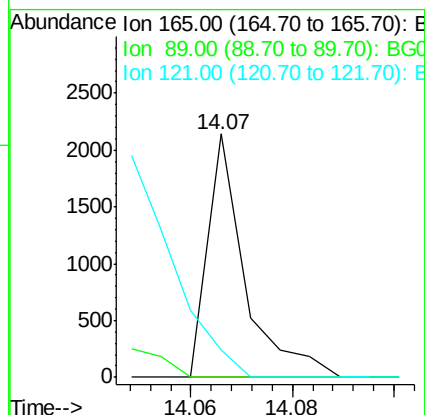
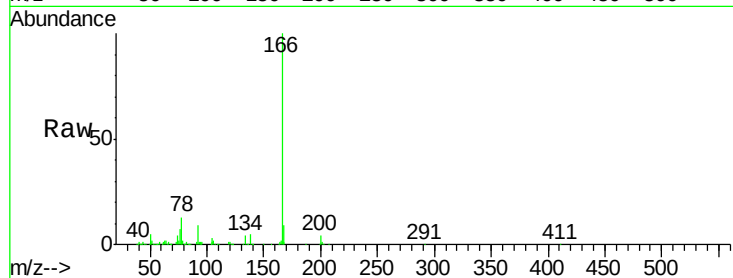




#46
 2,6-Dinitrotoluene
 Concen: 0.18 ng/ul
 RT: 14.07 min Scan# 1911
 Delta R.T. -0.16 min
 Lab File: BG018419.D
 Acq: 13 Aug 2015 4:43

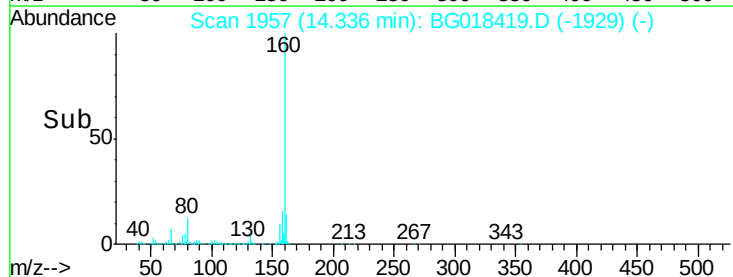
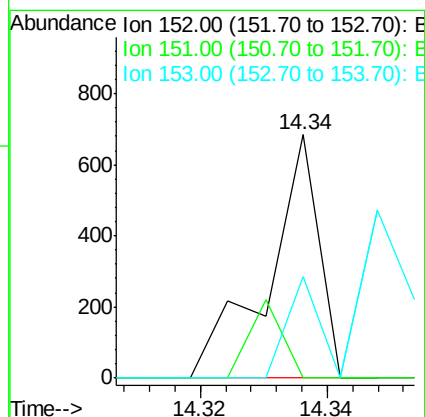
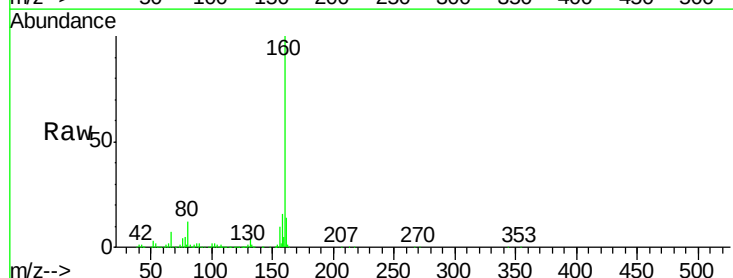
Instrument :
 BNA_G
 ClientSampleId :
 MDL-03-W

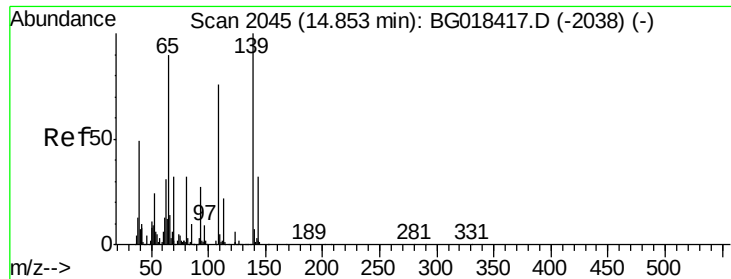
Tgt Ion:165 Resp: 1092
 Ion Ratio Lower Upper
 165 100
 89 0.0 50.2 75.2#
 121 11.4 19.4 29.2#



#48
 Acenaphthylene
 Concen: 0.01 ng/ul
 RT: 14.34 min Scan# 1957
 Delta R.T. -0.04 min
 Lab File: BG018419.D
 Acq: 13 Aug 2015 4:43

Tgt Ion:152 Resp: 379
 Ion Ratio Lower Upper
 152 100
 151 0.0 15.4 23.2#
 153 41.5 10.8 16.2#





#53

4-Nitrophenol

Concen: 0.06 ng/ul

RT: 14.84 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

Instrument :

BNA_G

ClientSampled :

MDL-03-W

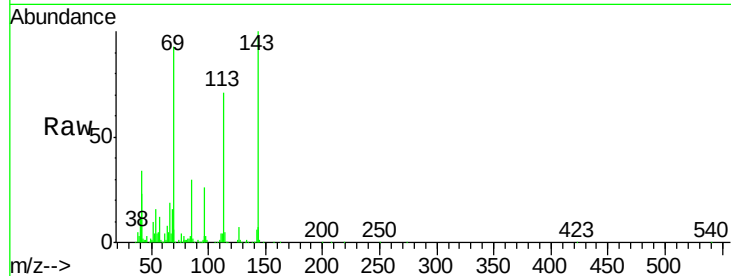
Tgt Ion:109 Resp: 274

Ion Ratio Lower Upper

109 100

139 0.0 111.3 166.9#

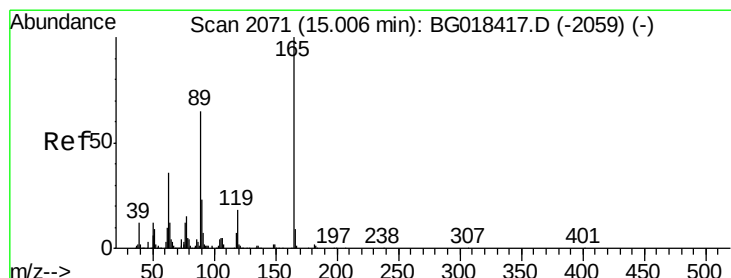
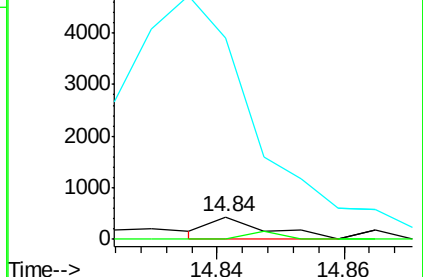
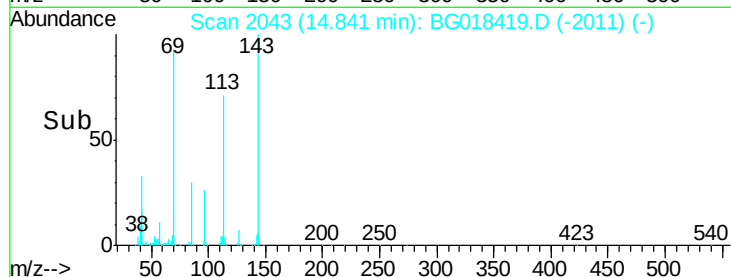
65 906.5 105.3 157.9#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC



#55

2,4-Dinitrotoluene

Concen: 0.01 ng/ul

RT: 14.97 min Scan# 2065

Delta R.T. -0.03 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

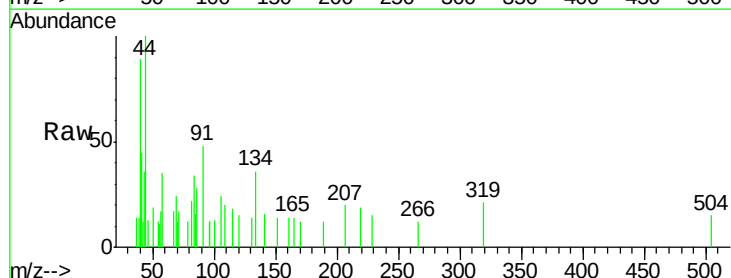
Tgt Ion:165 Resp: 64

Ion Ratio Lower Upper

165 100

63 0.0 36.7 55.1#

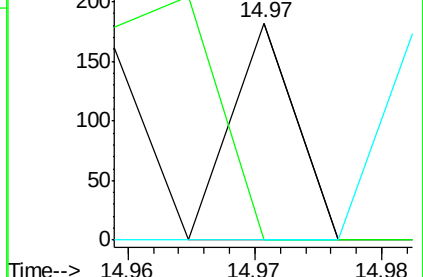
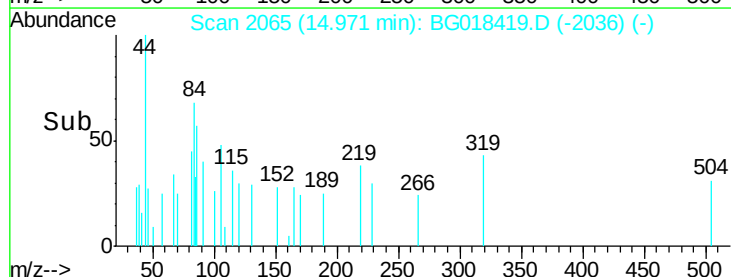
182 0.0 2.2 3.2#

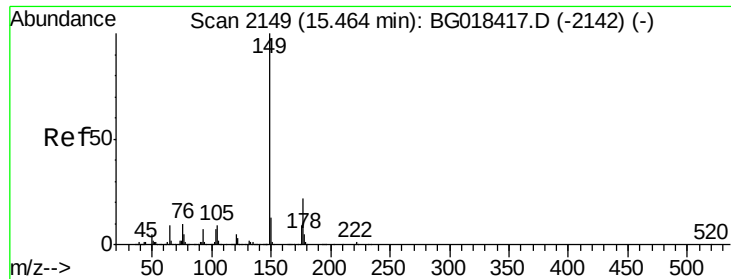


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Diethylphthalate

Concen: 0.04 ng/ul

RT: 15.46 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

Instrument :

BNA_G

ClientSampleId :

MDL-03-W

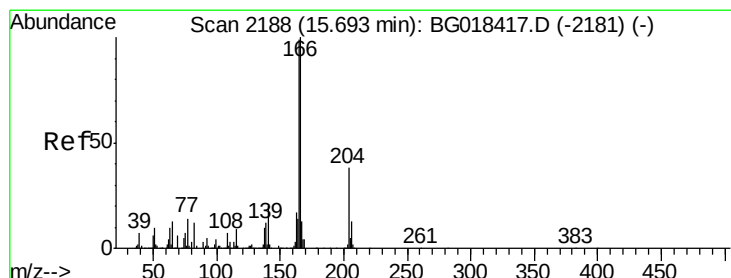
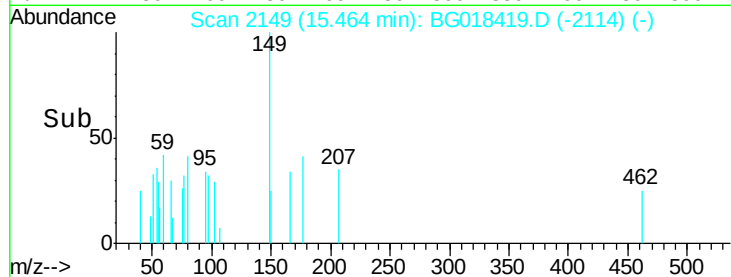
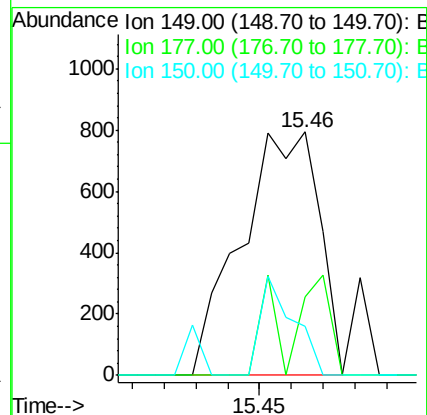
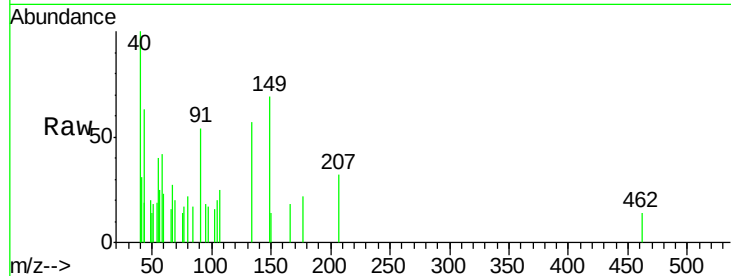
Tgt Ion:149 Resp: 1359

Ion Ratio Lower Upper

149 100

177 32.1 18.2 27.4#

150 19.9 9.7 14.5#



#59

Fluorene

Concen: 0.00 ng/ul

RT: 15.74 min Scan# 2196

Delta R.T. 0.04 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

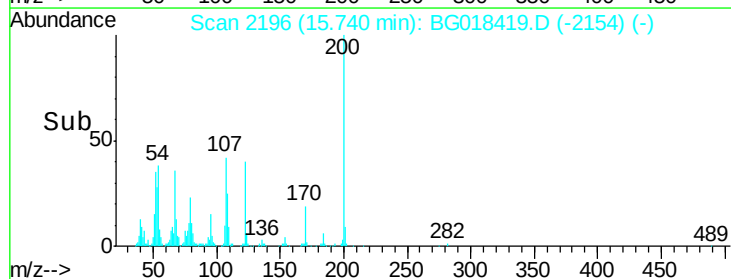
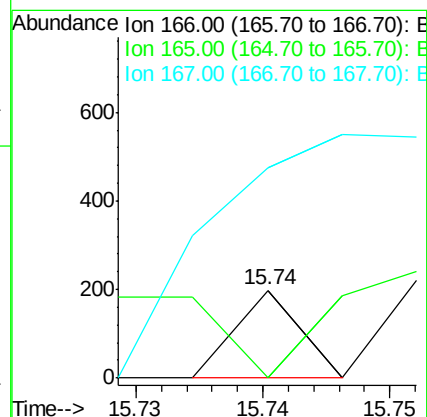
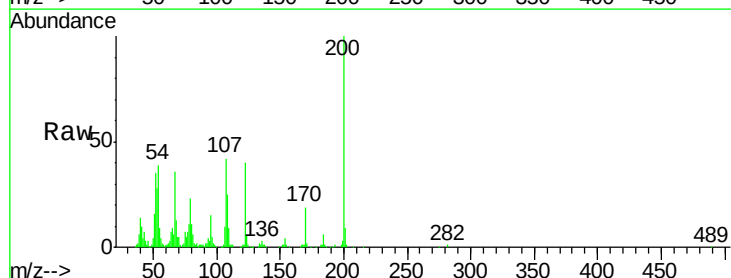
Tgt Ion:166 Resp: 70

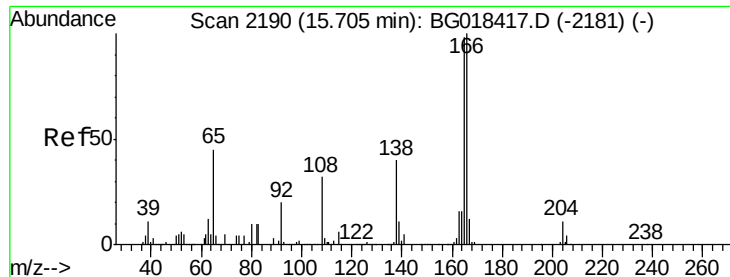
Ion Ratio Lower Upper

166 100

165 0.0 82.6 124.0#

167 240.4 11.4 17.0#





#61

4-Nitroaniline

Concen: 0.09 ng/ul

RT: 15.75 min Scan# 2198

Delta R.T. 0.04 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

Instrument :

BNA_G

ClientSampleId :

MDL-03-W

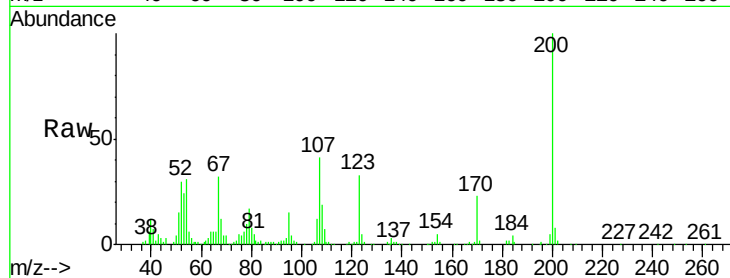
Tgt Ion:138 Resp: 616

Ion Ratio Lower Upper

138 100

92 222.6 44.0 66.0#

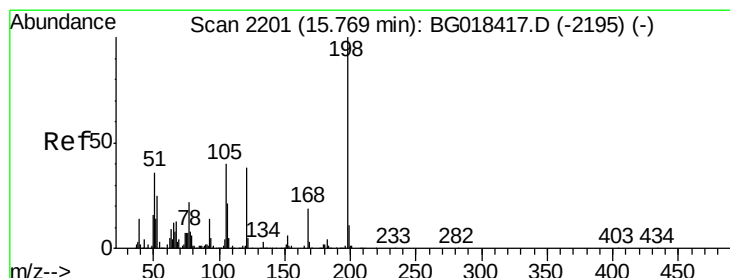
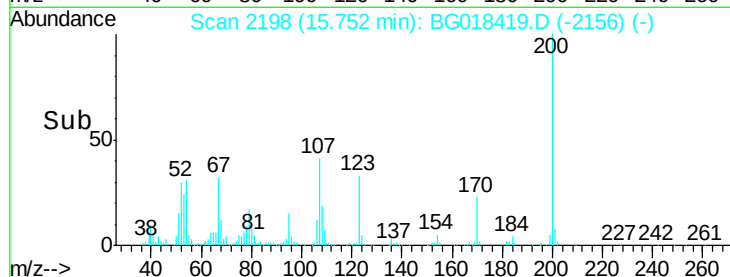
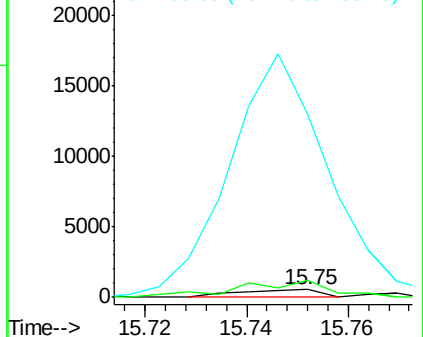
108 2439.8 64.6 97.0#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 0.05 ng/ul

RT: 15.76 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

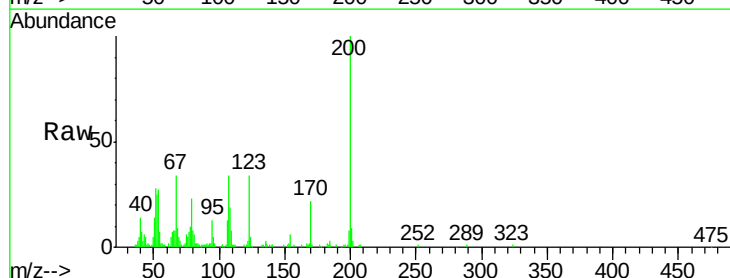
Tgt Ion:198 Resp: 217

Ion Ratio Lower Upper

198 100

182 165.3 3.4 5.0#

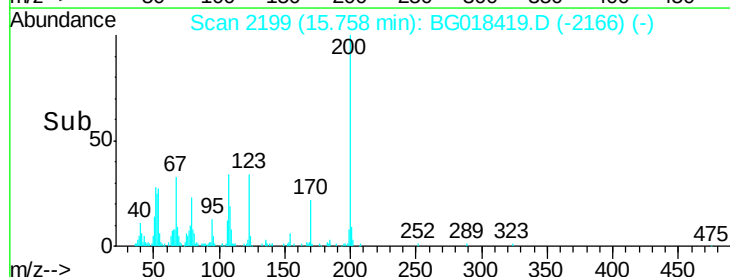
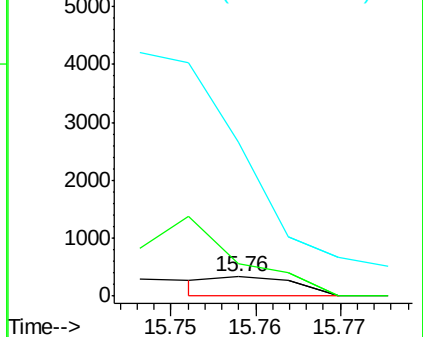
77 789.9 22.4 33.6#

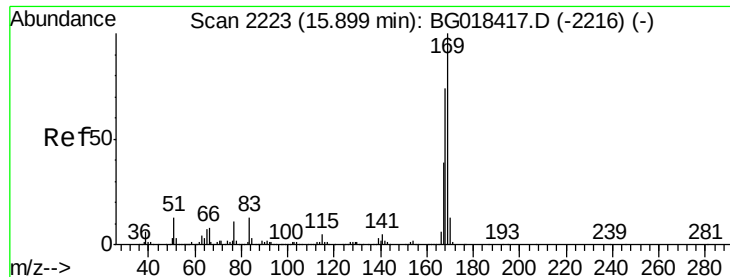


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BGC





#65

N-Nitrosodiphenylamine

Concen: 0.00 ng/ul

RT: 16.01 min Scan# 2242

Delta R.T. 0.11 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

Instrument :

BNA_G

ClientSampleId :

MDL-03-W

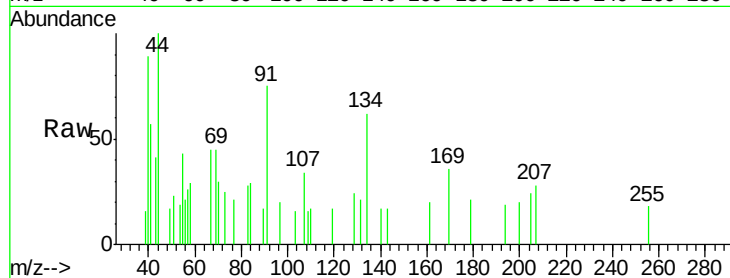
Tgt Ion:169 Resp: 121

Ion Ratio Lower Upper

169 100

168 0.0 60.2 90.2#

167 0.0 33.4 50.2#



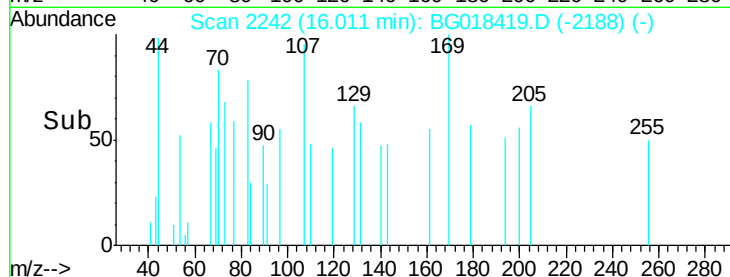
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

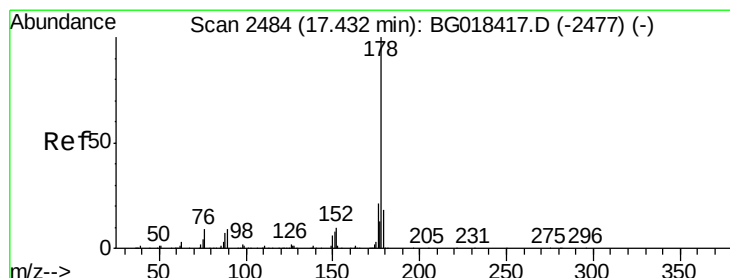
Ion 167.00 (166.70 to 167.70): E

16.01

Time-->



Time-->



#70

Phenanthrene

Concen: 0.01 ng/ul

RT: 17.40 min Scan# 2478

Delta R.T. -0.04 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

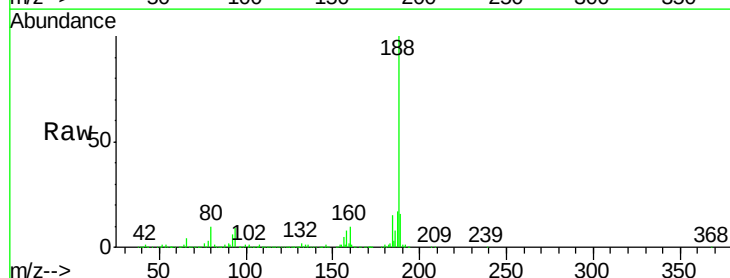
Tgt Ion:178 Resp: 382

Ion Ratio Lower Upper

178 100

179 159.7 13.7 20.5#

176 0.0 16.6 24.8#



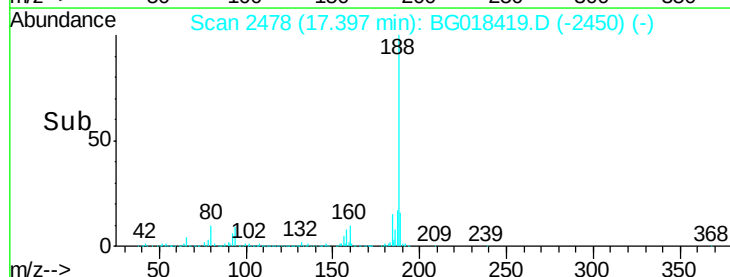
Abundance Ion 178.00 (177.70 to 178.70): E

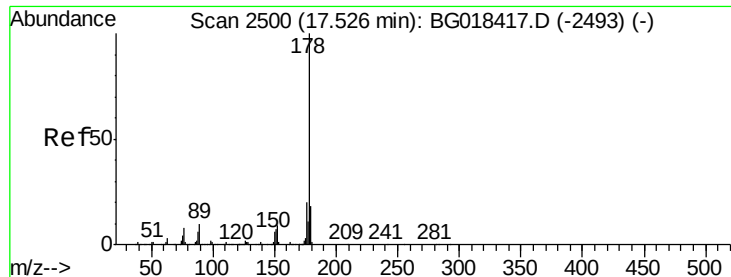
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

17.40

Time-->





#72

Anthracene

Concen: 0.00 ng/ul

RT: 17.53 min Scan# 2500

Delta R.T. -0.00 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

Instrument :

BNA_G

ClientSampleId :

MDL-03-W

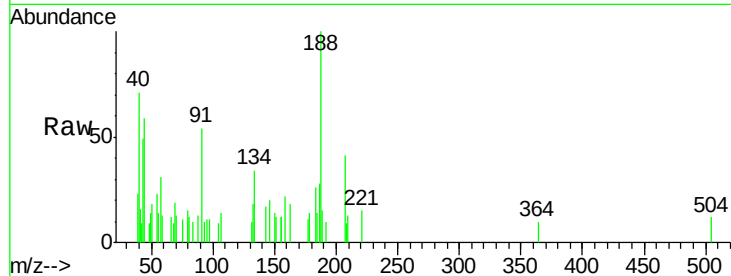
Tgt Ion:178 Resp: 82

Ion Ratio Lower Upper

178 100

179 0.0 13.0 19.4#

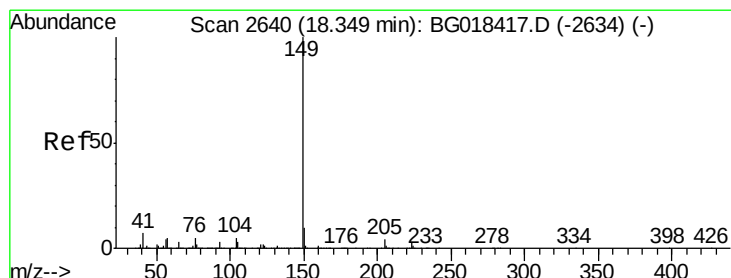
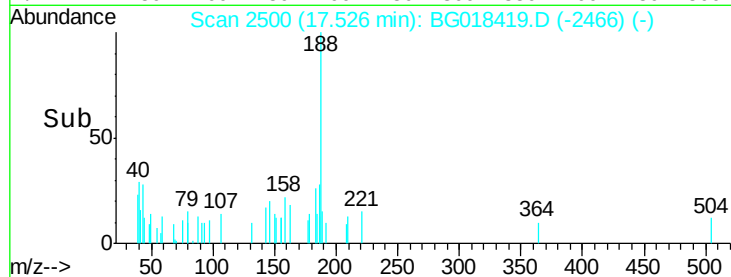
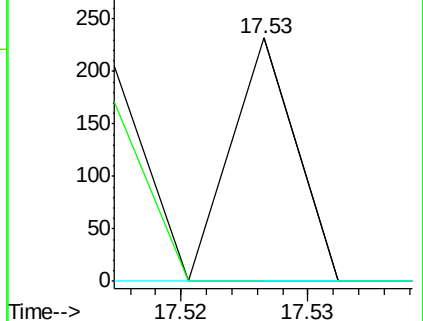
176 0.0 16.0 24.0#



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



#76

Di-n-butylphthalate

Concen: 0.02 ng/ul

RT: 18.35 min Scan# 2641

Delta R.T. 0.00 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

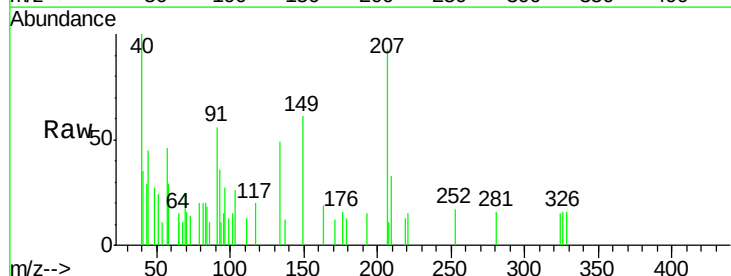
Tgt Ion:149 Resp: 1179

Ion Ratio Lower Upper

149 100

150 0.0 7.5 11.3#

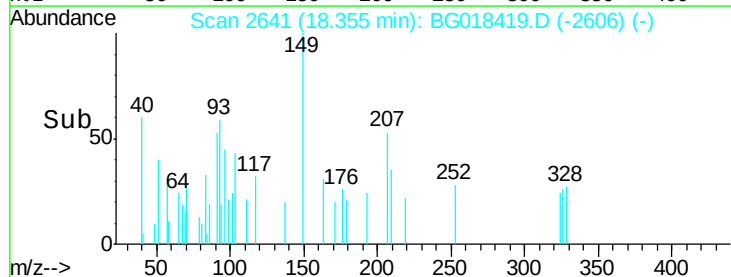
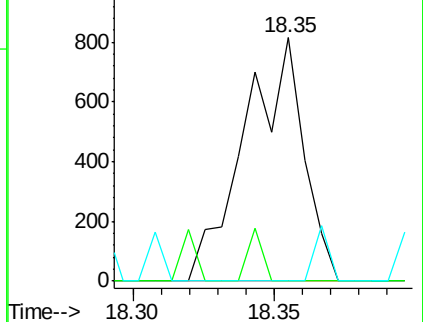
104 0.0 4.3 6.5#

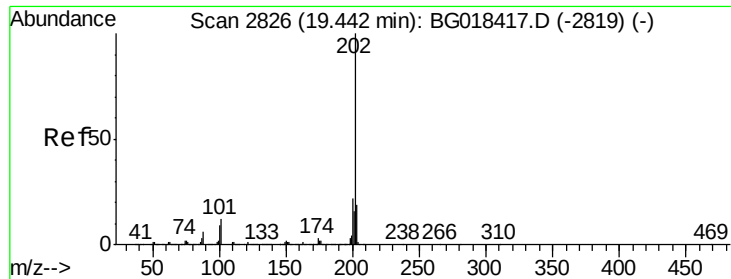


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#77

Fluoranthene

Concen: 0.01 ng/ul

RT: 19.44 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

Instrument :

BNA_G

ClientSampleId :

MDL-03-W

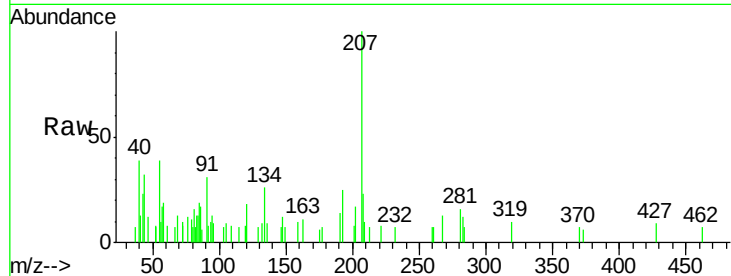
Tgt Ion:202 Resp: 319

Ion Ratio Lower Upper

202 100

101 0.0 9.7 14.5#

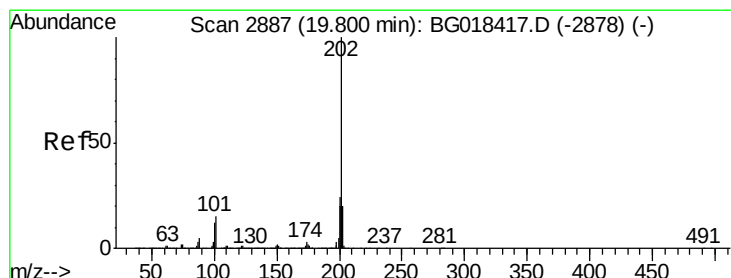
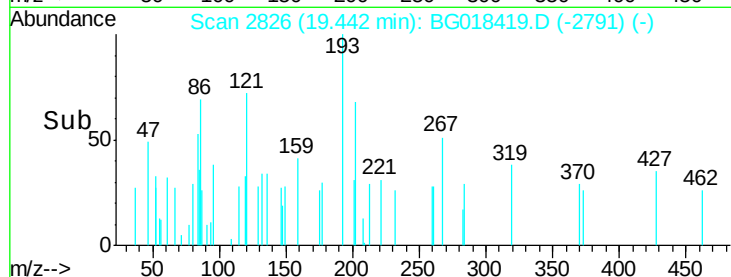
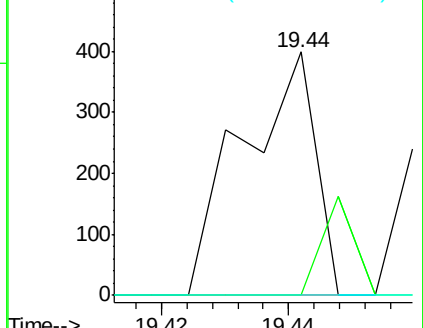
100 0.0 7.8 11.8#



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



#80

Pyrene

Concen: 0.00 ng/ul

RT: 19.81 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

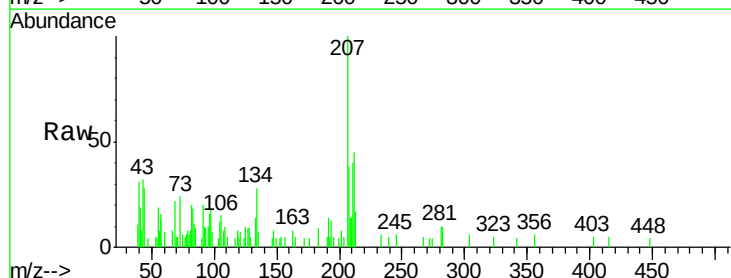
Tgt Ion:202 Resp: 190

Ion Ratio Lower Upper

202 100

101 0.0 11.0 16.4#

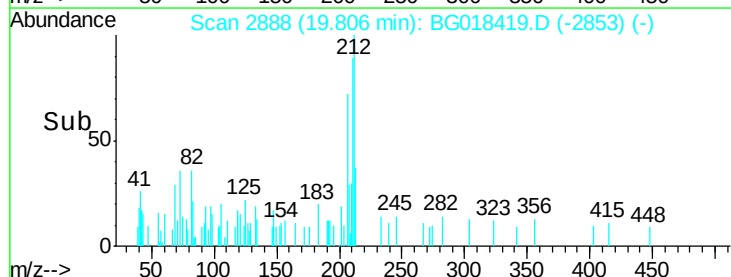
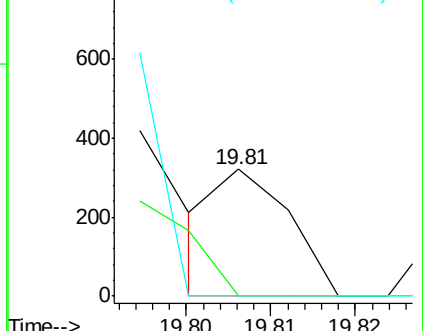
100 0.0 9.8 14.6#

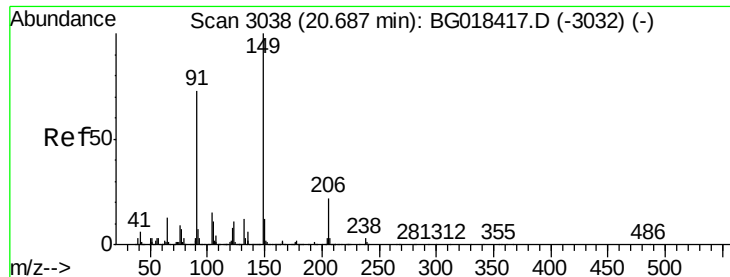


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

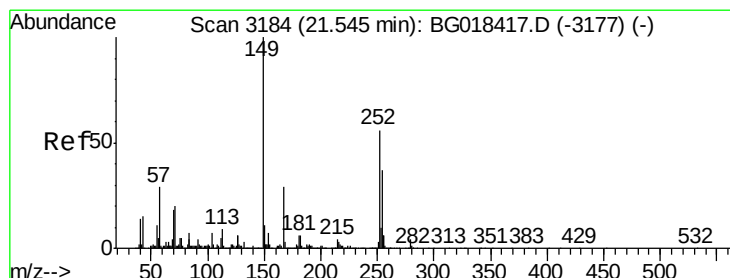
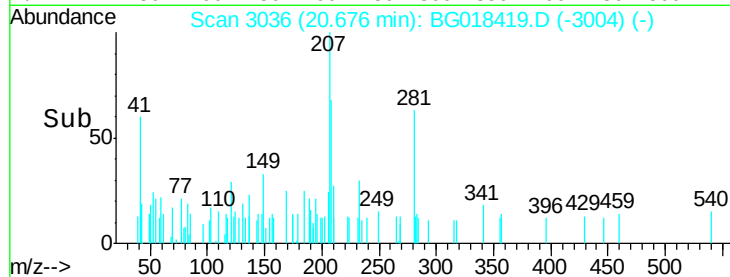
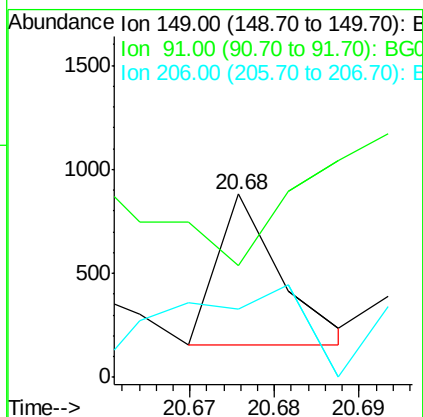
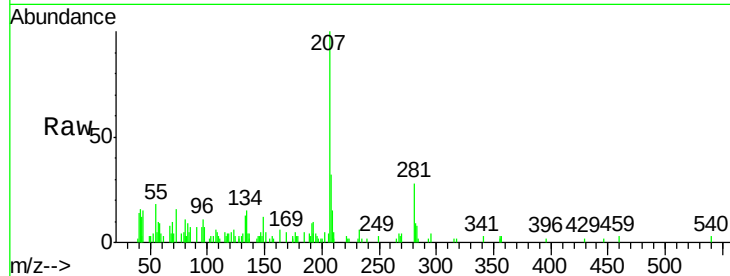




#81
Butylbenzylphthalate
Concen: 0.01 ng/ul
RT: 20.68 min Scan# 3036
Delta R.T. -0.01 min
Lab File: BG018419.D
Acq: 13 Aug 2015 4:43

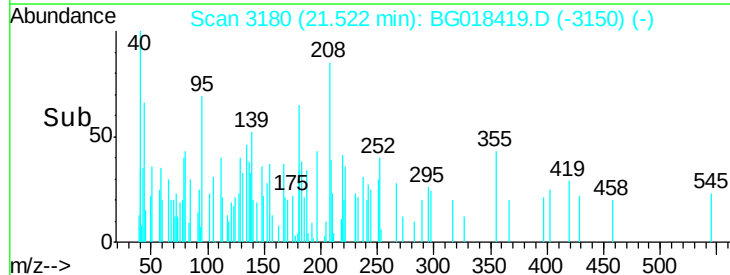
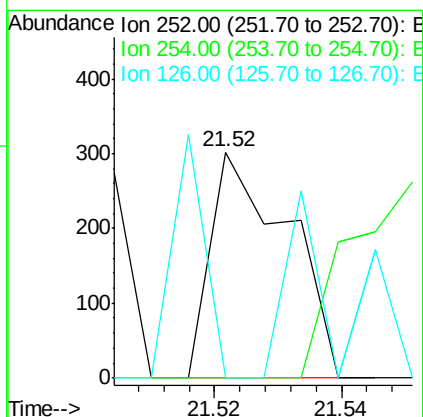
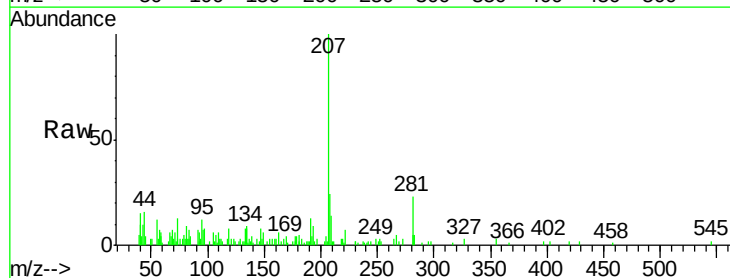
Instrument :
BNA_G
ClientSampled :
MDL-03-W

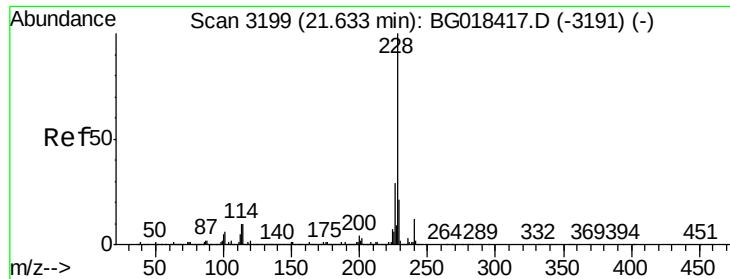
Tgt Ion:149 Resp: 379
Ion Ratio Lower Upper
149 100
91 60.7 57.9 86.9
206 37.5 17.9 26.9#



#82
3,3'-Dichlorobenzidine
Concen: 0.01 ng/ul
RT: 21.52 min Scan# 3180
Delta R.T. -0.03 min
Lab File: BG018419.D
Acq: 13 Aug 2015 4:43

Tgt Ion:252 Resp: 253
Ion Ratio Lower Upper
252 100
254 0.0 50.9 76.3#
126 0.0 9.6 14.4#





#83

Benzo(a)anthracene

Concen: 0.07 ng/ul

RT: 21.65 min Scan# 3202

Delta R.T. 0.01 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

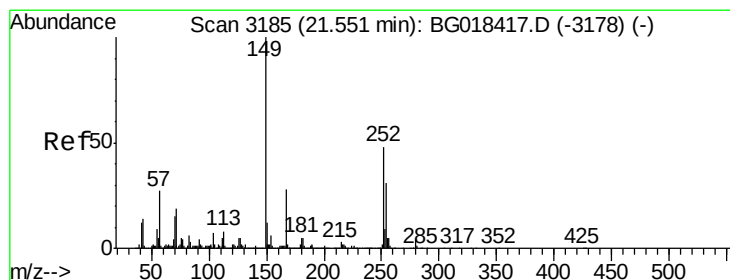
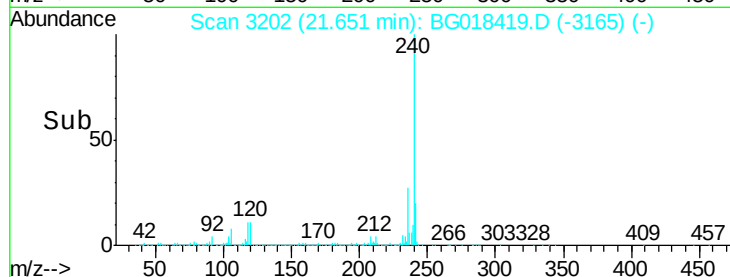
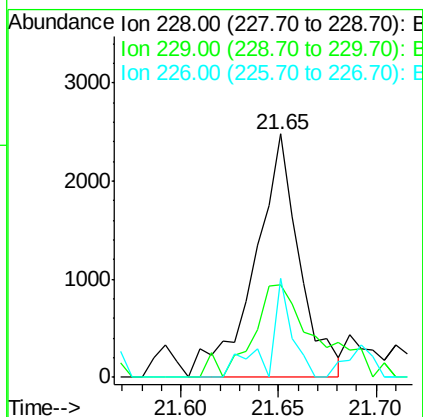
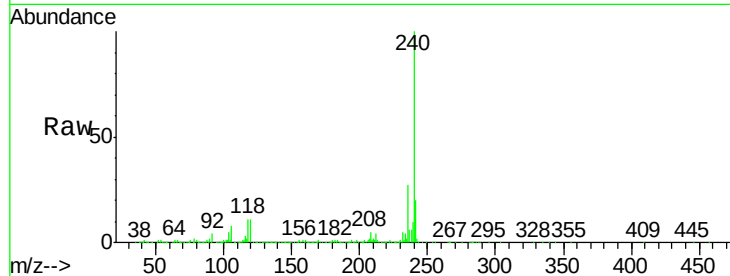
Instrument :

BNA_G

ClientSampleId :

MDL-03-W

Tgt Ion:	228	Resp:	3947
Ion	Ratio	Lower	Upper
228	100		
229	38.0	15.5	23.3#
226	40.9	22.1	33.1#



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.05 ng/ul

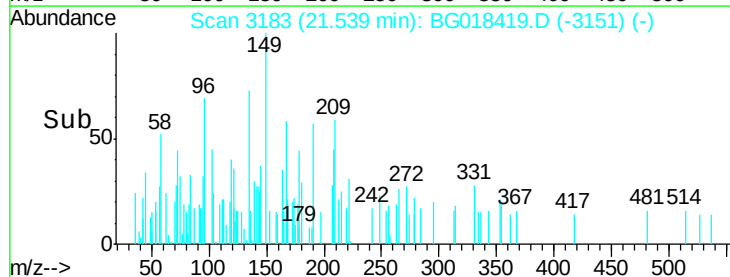
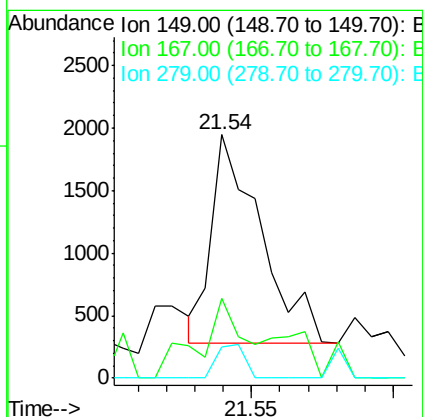
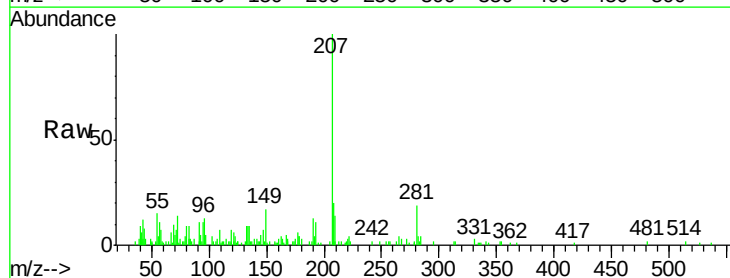
RT: 21.54 min Scan# 3183

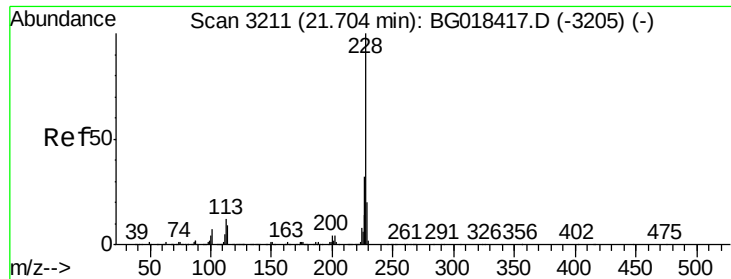
Delta R.T. -0.01 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

Tgt Ion:	149	Resp:	2006
Ion	Ratio	Lower	Upper
149	100		
167	32.7	22.2	33.2
279	12.7	2.8	4.2#





#85

Chrysene

Concen: 0.01 ng/ul

RT: 21.69 min Scan# 3208

Delta R.T. -0.01 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

Instrument :

BNA_G

ClientSampleId :

MDL-03-W

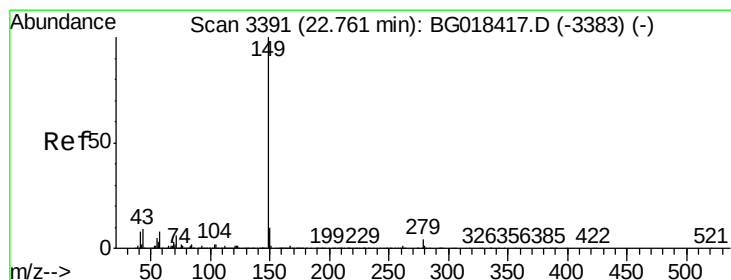
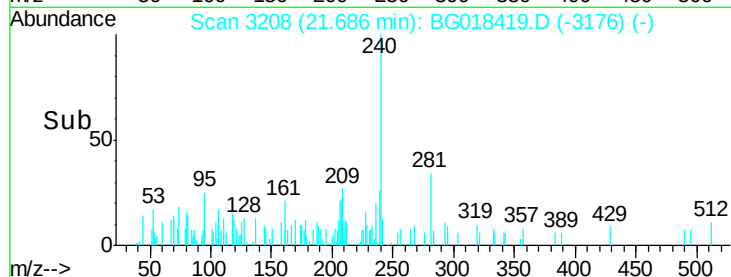
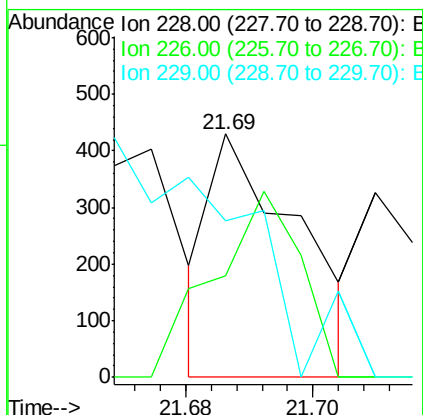
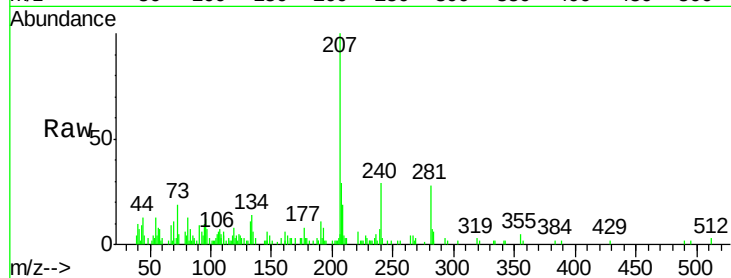
Tgt Ion:228 Resp: 413

Ion Ratio Lower Upper

228 100

226 41.9 26.5 39.7#

229 64.4 16.9 25.3#



#87

Di-n-octyl phthalate

Concen: 0.01 ng/ul

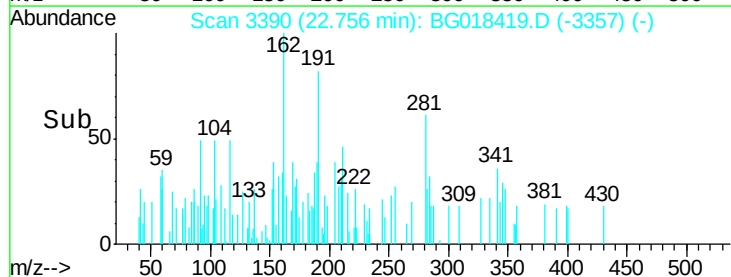
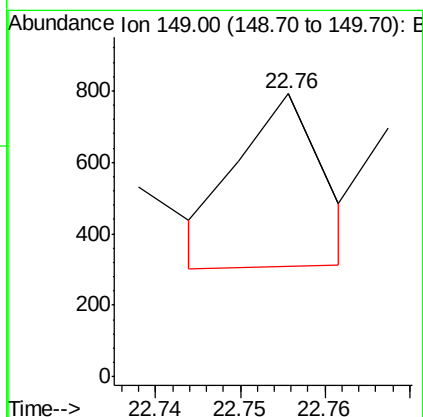
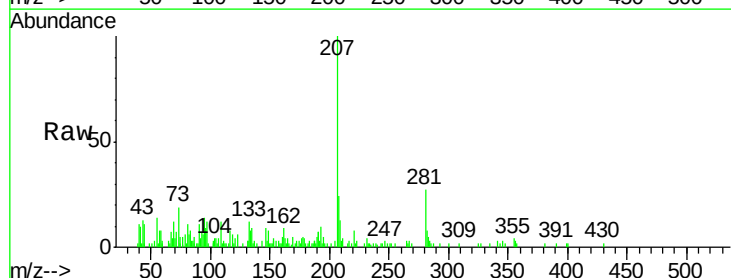
RT: 22.76 min Scan# 3390

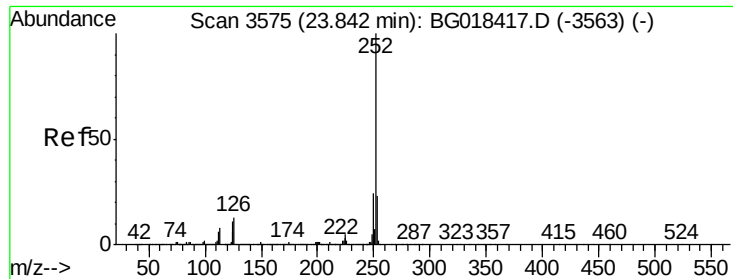
Delta R.T. -0.01 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

Tgt Ion:149 Resp: 338





#88

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 23.83 min Scan# 3573

Delta R.T. -0.01 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

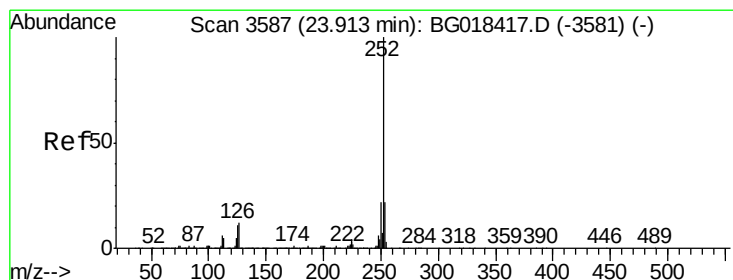
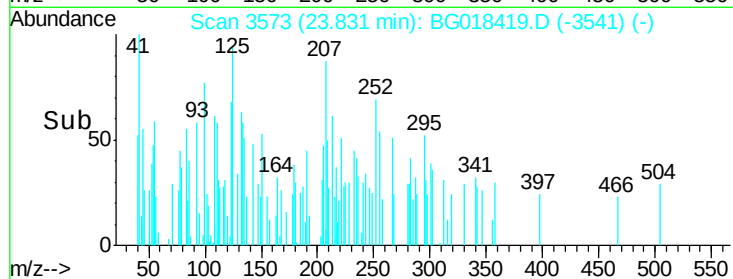
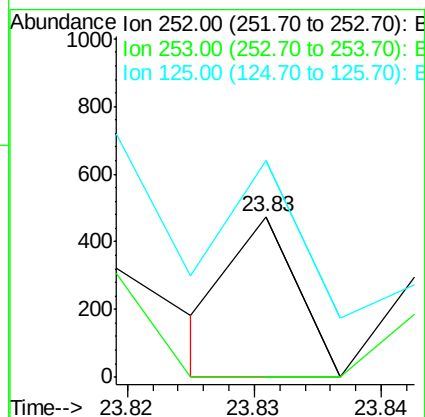
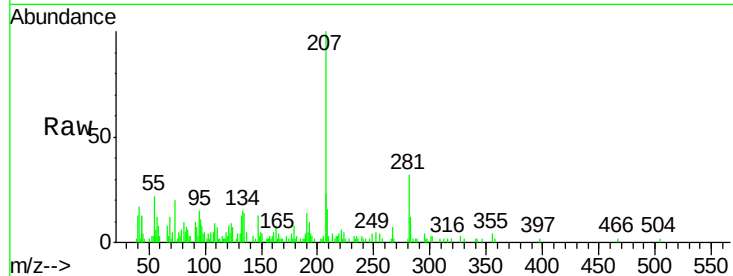
Instrument :

BNA_G

ClientSampleId :

MDL-03-W

Tgt Ion:	252	Resp:	167
Ion Ratio	Lower	Upper	
252	100		
253	0.0	18.1	27.1#
125	135.4	8.3	12.5#



#89

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

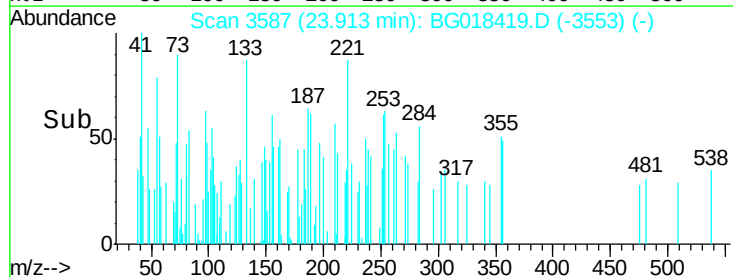
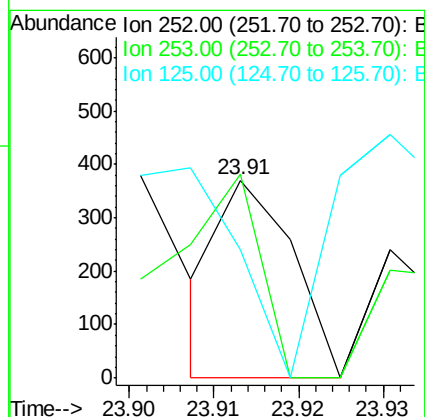
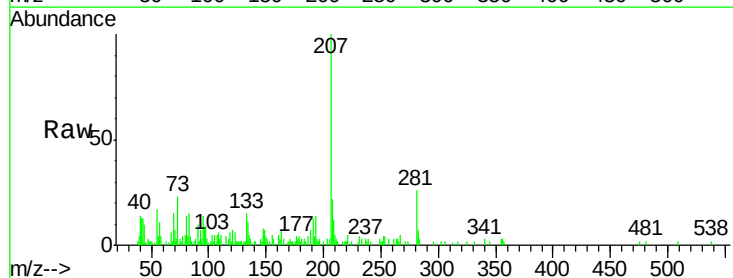
RT: 23.91 min Scan# 3587

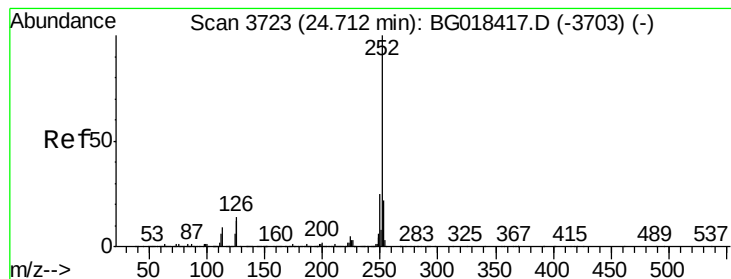
Delta R.T. -0.00 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

Tgt Ion:	252	Resp:	222
Ion Ratio	Lower	Upper	
252	100		
253	103.2	17.8	26.6#
125	64.9	9.0	13.4#





#91

Benzo(a)pyrene

Concen: 0.01 ng/ul

RT: 24.71 min Scan# 3723

Delta R.T. -0.00 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

Instrument :

BNA_G

ClientSampleId :

MDL-03-W

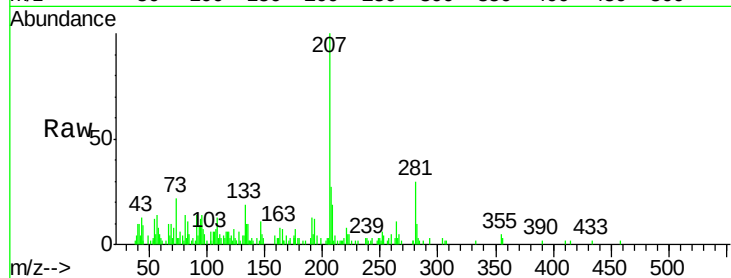
Tgt Ion: 252 Resp: 368

Ion Ratio Lower Upper

252 100

253 63.8 17.7 26.5#

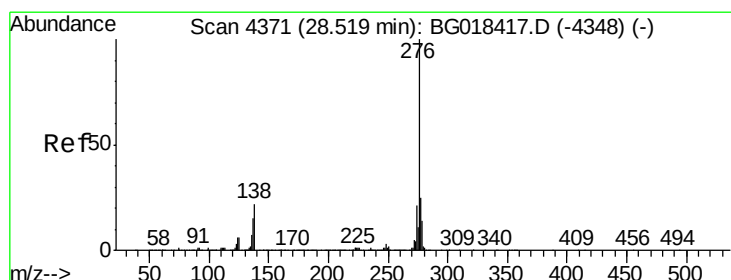
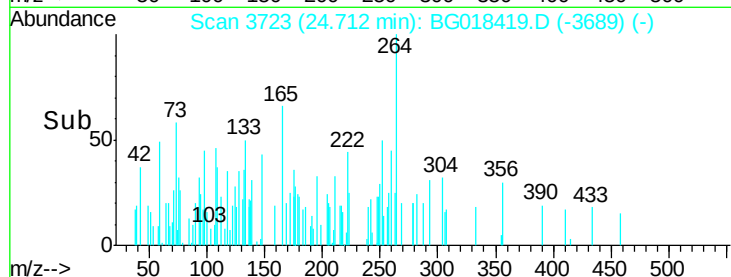
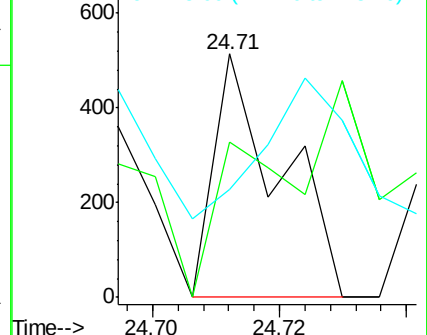
125 44.4 10.2 15.2#



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: 28.52 min Scan# 4371

Delta R.T. -0.00 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

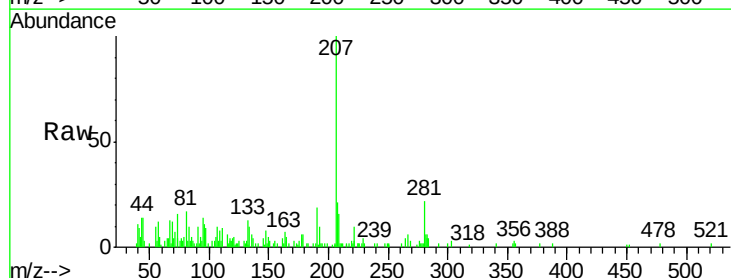
Tgt Ion: 276 Resp: 99

Ion Ratio Lower Upper

276 100

138 0.0 15.8 23.6#

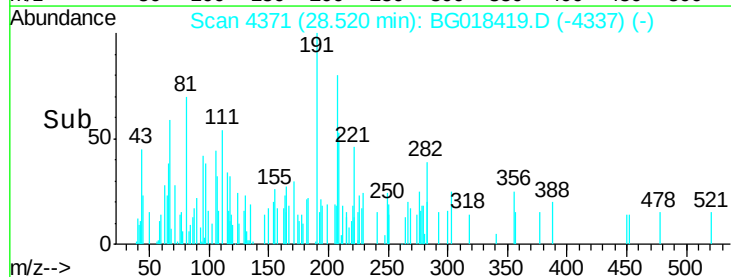
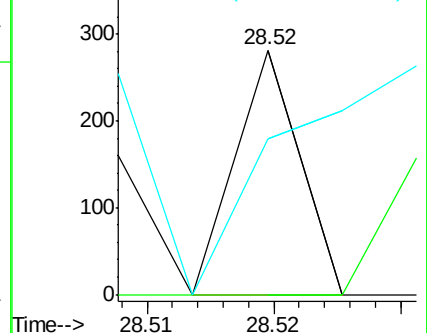
277 64.1 18.9 28.3#

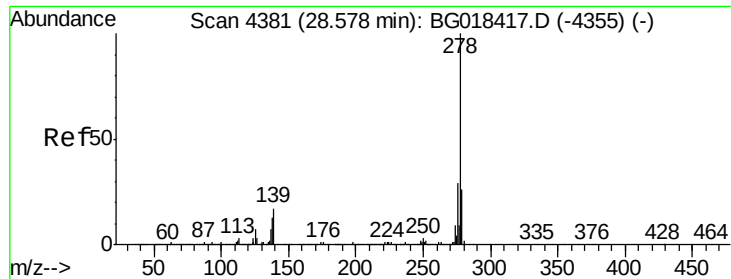


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 28.57 min Scan# 4380

Delta R.T. -0.02 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

Instrument :

BNA_G

ClientSampleId :

MDL-03-W

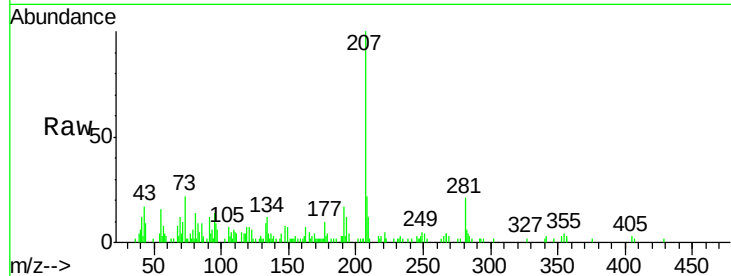
Tgt Ion: 278 Resp: 173

Ion Ratio Lower Upper

278 100

139 197.6 13.8 20.6#

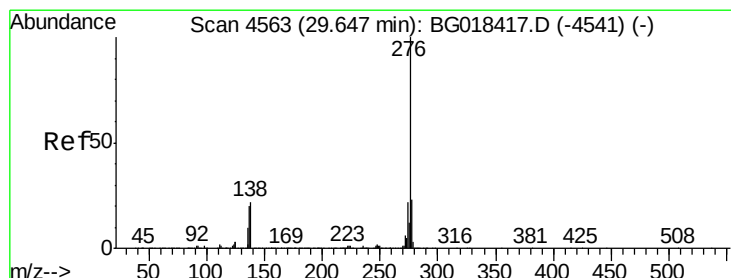
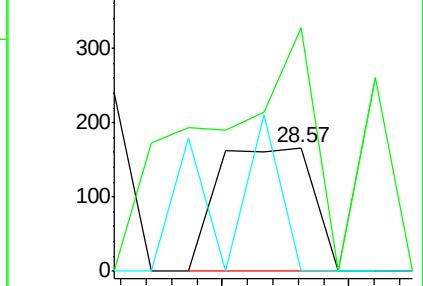
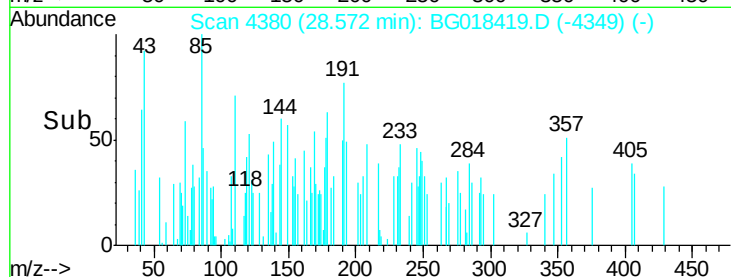
279 0.0 17.8 26.8#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#94

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 29.65 min Scan# 4564

Delta R.T. -0.02 min

Lab File: BG018419.D

Acq: 13 Aug 2015 4:43

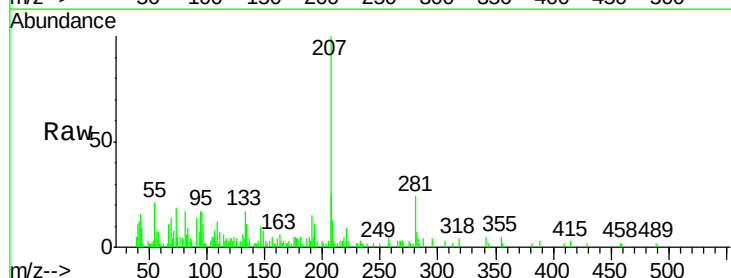
Tgt Ion: 276 Resp: 201

Ion Ratio Lower Upper

276 100

138 0.0 16.5 24.7#

277 0.0 19.0 28.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

