

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081215\
 Data File : BG018421.D
 Acq On : 13 Aug 2015 5:59
 Operator : UM/MA
 Sample : MDL-03-W
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-05-W

Quant Time: Aug 13 06:46:30 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	128856	20.00	ng/ul	0.00
18) Naphthalene-d8	10.83	136	584477	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.65	164	388719	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	948019	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	952775	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	943667	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	16469	5.65	ng/uL	0.00
5) Phenol-d5	7.18	99	324471	27.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	209529	28.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	252595	28.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	280115	28.51	ng/ul	0.00
19) Nitrobenzene-d5	9.18	128	140440	30.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	150193	32.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	282732	28.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	399398	35.89	ng/ul	0.00
44) Dimethylphthalate-d6	14.05	166	966879	29.56	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	1159430	28.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	184103	31.29	ng/ul	0.00
58) Fluorene-d10	15.64	176	835117	29.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	127535	27.35	ng/ul	0.00
71) Anthracene-d10	17.49	188	1325587	29.24	ng/ul	0.00
79) Pyrene-d10	19.77	212	1421507	28.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.64	264	1498288	29.91	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.49	88	169	0.05 ng/uL#	18
4) Benzaldehyde	7.14	77	114	0.02 ng/ul#	1
6) Phenol	7.19	94	121	0.01 ng/ul#	1
8) Bis(2-Chloroethyl)ether	7.43	93	1272	0.14 ng/ul#	81
10) 2-Chlorophenol	7.56	128	313	0.03 ng/ul#	1
11) 2-Methylphenol	8.45	108	124	0.01 ng/ul#	4
12) 2,2'-oxybis(1-Chloropropan	8.57	45	63	0.00 ng/ul#	69
14) Acetophenone	8.84	105	59	0.00 ng/ul#	35
15) N-Nitroso-di-n-propylamine	8.77	70	67	0.01 ng/ul#	1
16) 4-Methylphenol	8.75	108	122	0.01 ng/ul#	1
17) Hexachloroethane	8.97	117	132	0.03 ng/ul#	10
20) Nitrobenzene	9.22	77	340	0.03 ng/ul#	42
21) Isophorone	9.77	82	149	0.01 ng/ul#	1
24) 2,4-Dimethylphenol	10.00	107	71	0.01 ng/ul#	12
25) Bis(2-Chloroethoxy)methane	10.23	93	118	0.01 ng/ul#	52
27) 2,4-Dichlorophenol	10.46	162	68	0.01 ng/ul#	1
28) Naphthalene	10.86	128	156	0.01 ng/ul#	8
30) 4-Chloroaniline	10.95	127	338	0.03 ng/ul#	1
32) Caprolactam	11.72	113	173	0.05 ng/ul#	36
33) 4-Chloro-3-methylphenol	12.08	107	172	0.02 ng/ul#	18
34) 2-Methylnaphthalene	12.48	142	181	0.01 ng/ul#	1
35) 1-Methylnaphthalene	12.70	142	61643	2.82 ng/ul#	97
42) 2-Chloronaphthalene	13.42	162	147	0.01 ng/ul#	40

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

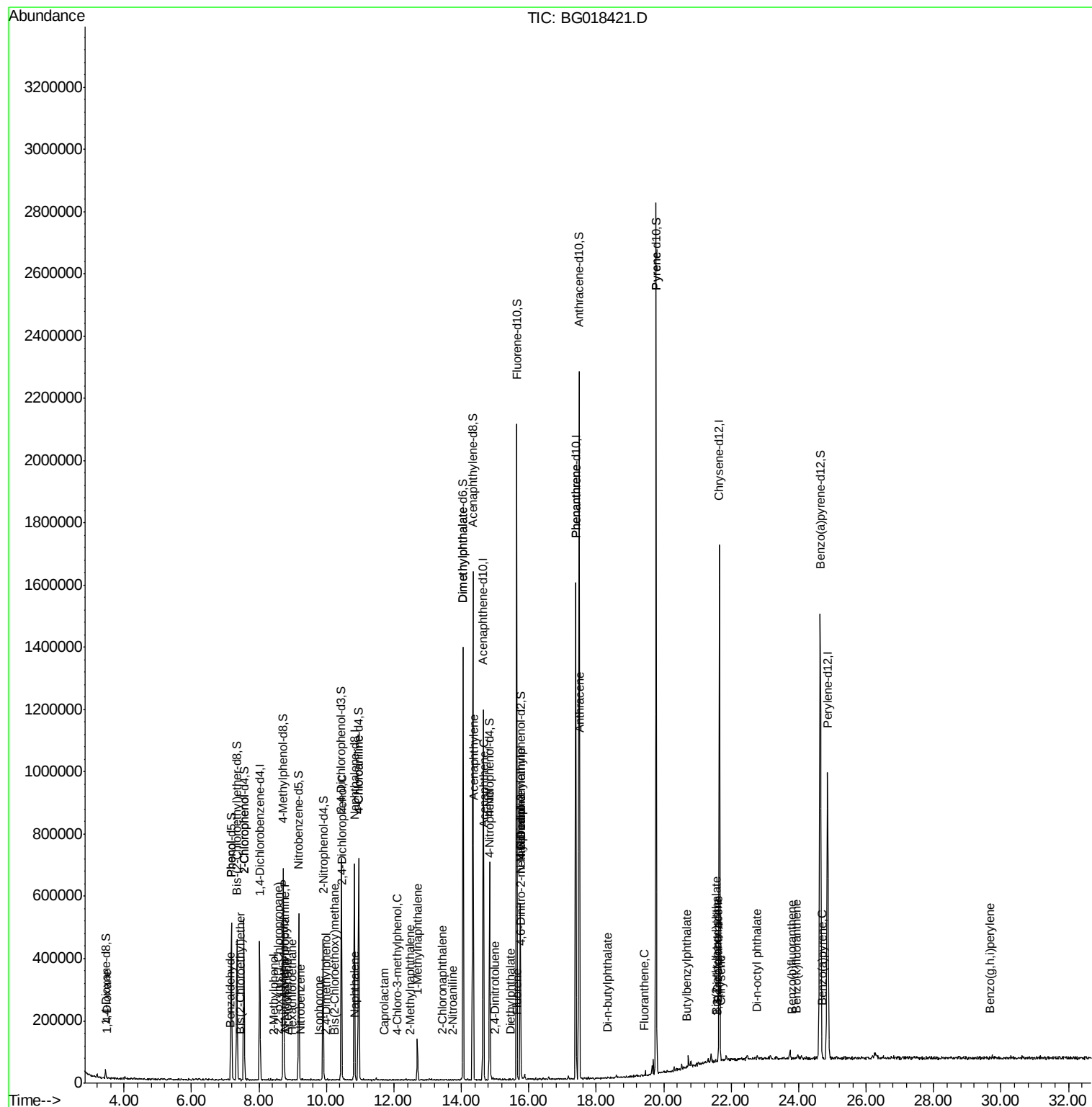
43) 2-Nitroaniline	13.72	65	128	0.02	ng/ul#	9
45) Dimethylphthalate	14.05	163	2207	0.07	ng/ul#	1
48) Acenaphthylene	14.36	152	119	0.00	ng/ul#	1
50) Acenaphthene	14.66	153	92	0.00	ng/ul#	27
53) 4-Nitrophenol	14.85	109	193	0.04	ng/ul#	1
55) 2,4-Dinitrotoluene	14.99	165	120	0.01	ng/ul#	34
57) Diethylphthalate	15.45	149	1794	0.05	ng/ul#	75
59) Fluorene	15.67	166	191	0.01	ng/ul#	7
61) 4-Nitroaniline	15.75	138	1200	0.17	ng/ul#	1
64) 4,6-Dinitro-2-methylphenol	15.76	198	111	0.02	ng/ul#	1
65) N-Nitrosodiphenylamine	15.76	169	1436	0.05	ng/ul#	37
70) Phenanthrene	17.39	178	471	0.01	ng/ul#	20
72) Anthracene	17.51	178	225	0.00	ng/ul#	4
76) Di-n-butylphthalate	18.35	149	2017	0.03	ng/ul#	84
77) Fluoranthene	19.43	202	318	0.01	ng/ul#	71
80) Pyrene	19.77	202	2813	0.04	ng/ul#	1
81) Butylbenzylphthalate	20.68	149	432	0.02	ng/ul#	1
82) 3,3'-Dichlorobenzidine	21.59	252	263	0.01	ng/ul#	26
83) Benzo(a)anthracene	21.62	228	174	0.00	ng/ul#	1
84) Bis(2-ethylhexyl)phthalate	21.55	149	899	0.02	ng/ul#	82
85) Chrysene	21.69	228	53	0.00	ng/ul#	47
87) Di-n-octyl phthalate	22.76	149	324	0.01	ng/ul	100
88) Benzo(b)fluoranthene	23.79	252	84	0.00	ng/ul#	14
89) Benzo(k)fluoranthene	23.95	252	179	0.00	ng/ul#	1
91) Benzo(a)pyrene	24.69	252	127	0.00	ng/ul#	1
94) Benzo(g,h,i)perylene	29.67	276	122	0.00	ng/ul#	53

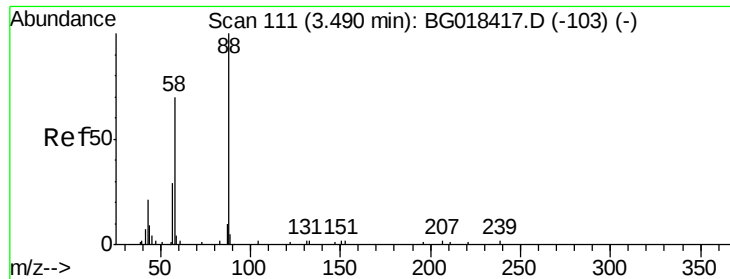
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.05 ng/uL

RT: 3.49 min Scan# 111

Delta R.T. 0.00 min

Lab File: BG018421.D

Acq: 13 Aug 2015 5:59

Instrument :

BNA_G

ClientSampleId :

MDL-05-W

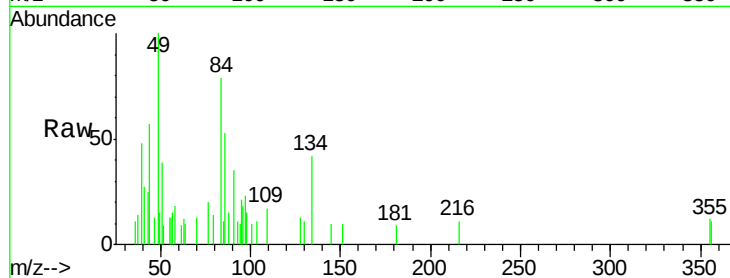
Tgt Ion: 88 Resp: 169

Ion Ratio Lower Upper

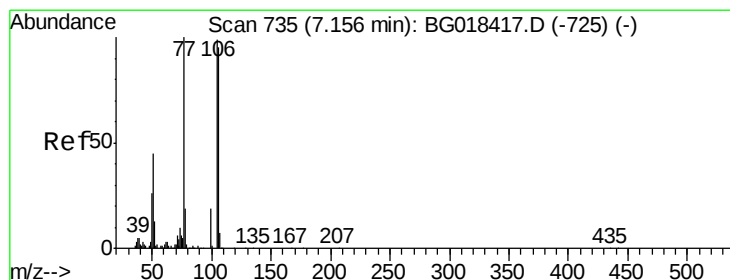
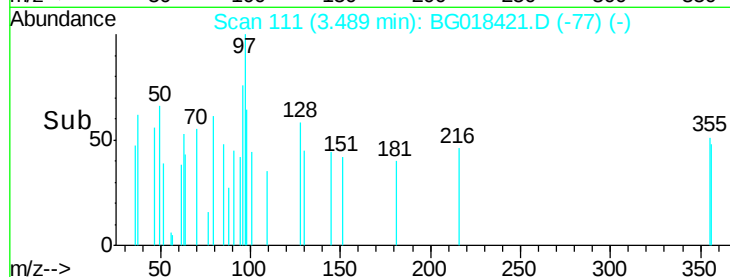
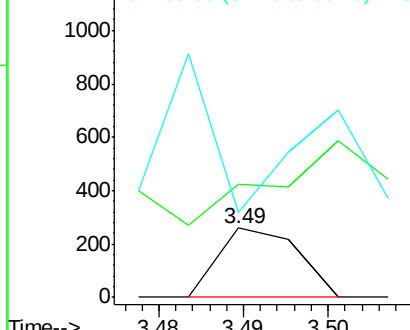
88 100

43 163.5 33.0 49.4#

58 121.9 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: 0.02 ng/uL

RT: 7.14 min Scan# 733

Delta R.T. -0.02 min

Lab File: BG018421.D

Acq: 13 Aug 2015 5:59

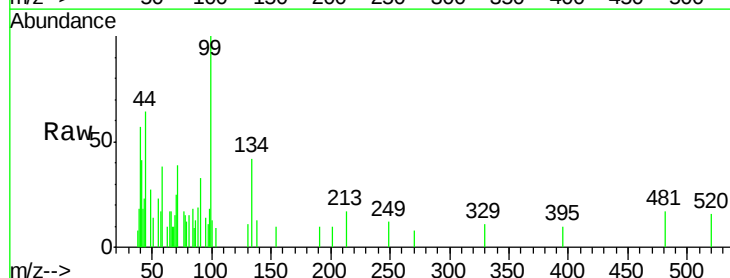
Tgt Ion: 77 Resp: 114

Ion Ratio Lower Upper

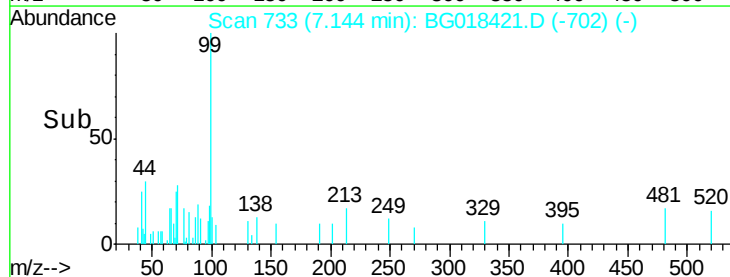
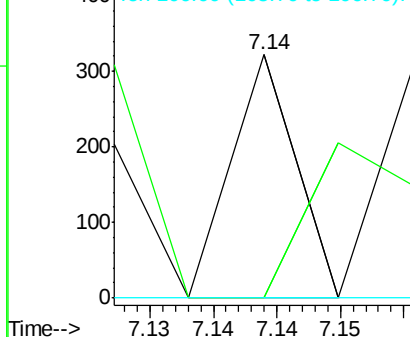
77 100

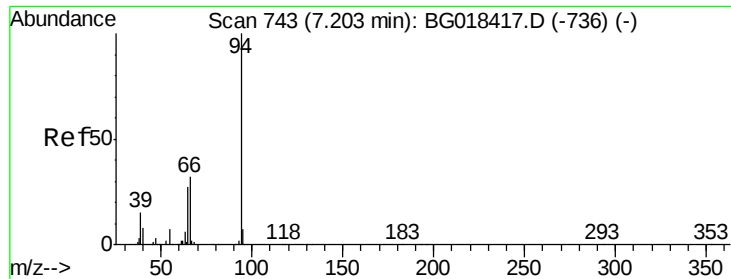
105 0.0 78.2 117.2#

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: 7.19 min Scan# 740

Delta R.T. -0.03 min

Lab File: BG018421.D

Acq: 13 Aug 2015 5:59

Instrument :

BNA_G

ClientSampleId :

MDL-05-W

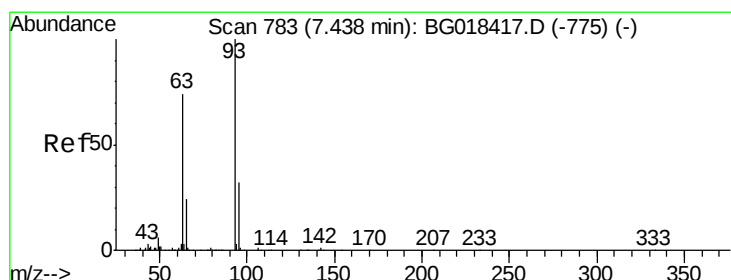
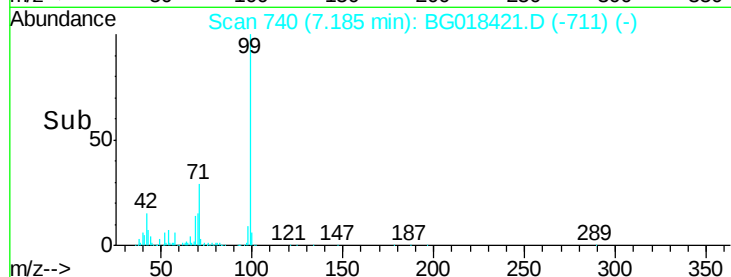
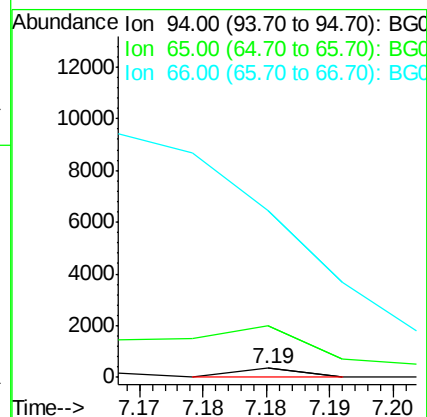
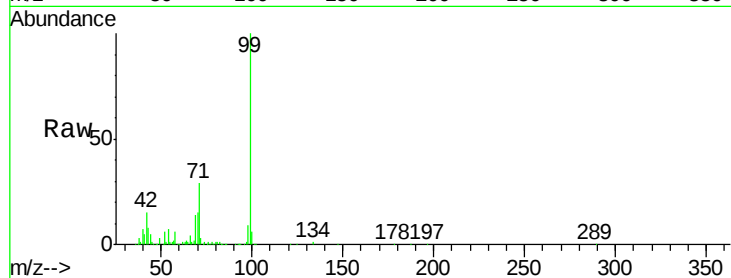
Tgt Ion: 94 Resp: 121

Ion Ratio Lower Upper

94 100

65 587.1 23.0 34.6#

66 1882.7 31.0 46.4#



#8

Bis(2-Chloroethyl)ether

Concen: 0.14 ng/ul

RT: 7.43 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG018421.D

Acq: 13 Aug 2015 5:59

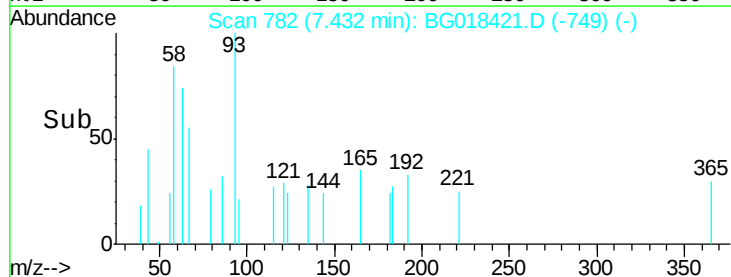
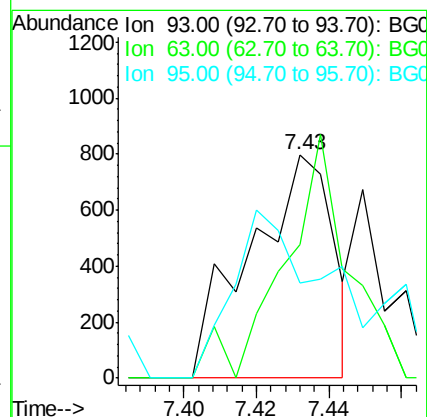
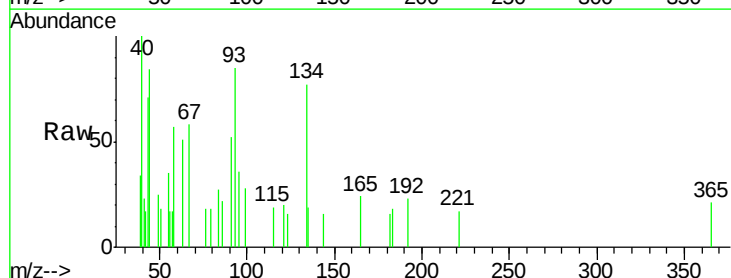
Tgt Ion: 93 Resp: 1272

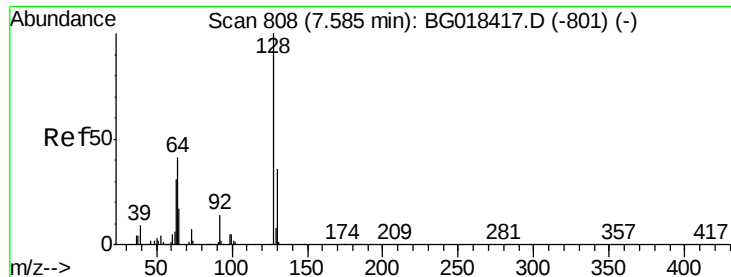
Ion Ratio Lower Upper

93 100

63 59.8 61.4 92.2#

95 42.4 25.9 38.9#

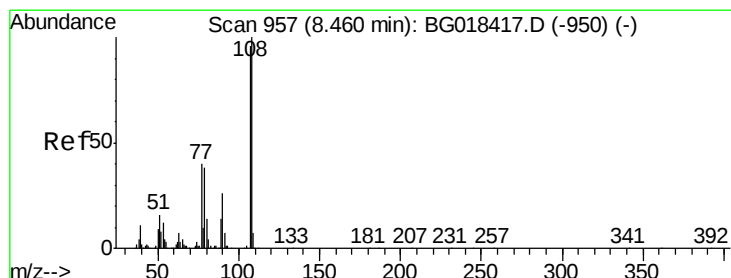
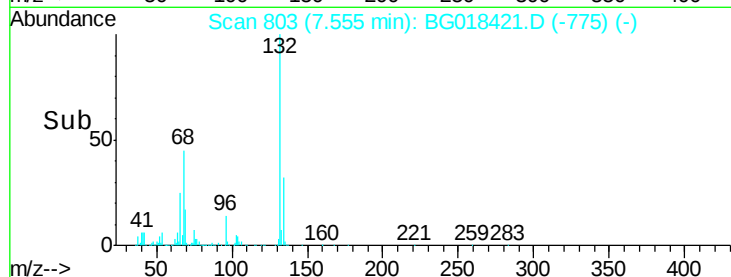
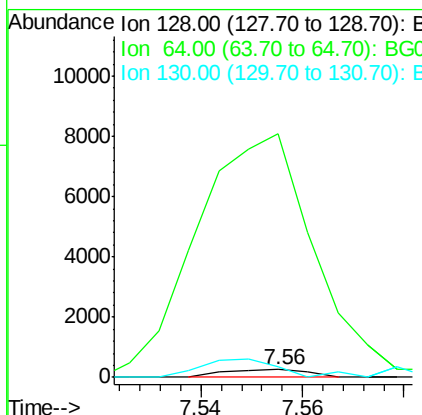
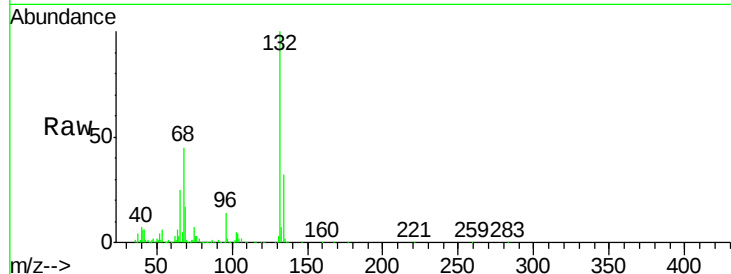




#10
 2-Chlorophenol
 Concen: 0.03 ng/ul
 RT: 7.56 min Scan# 803
 Delta R.T. -0.03 min
 Lab File: BG018421.D
 Acq: 13 Aug 2015 5:59

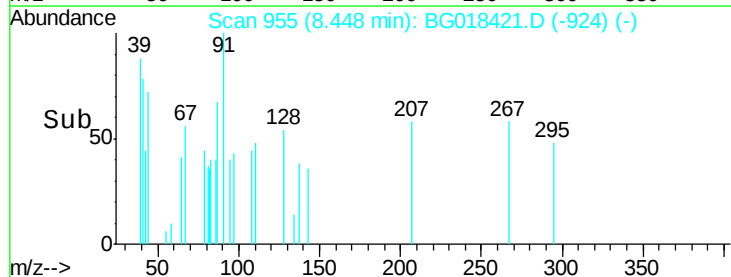
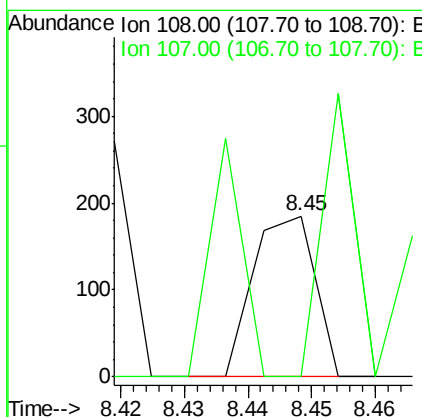
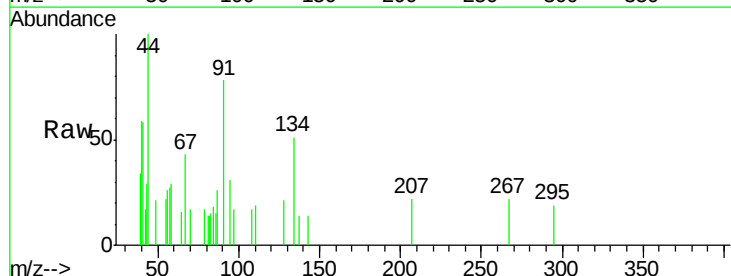
Instrument :
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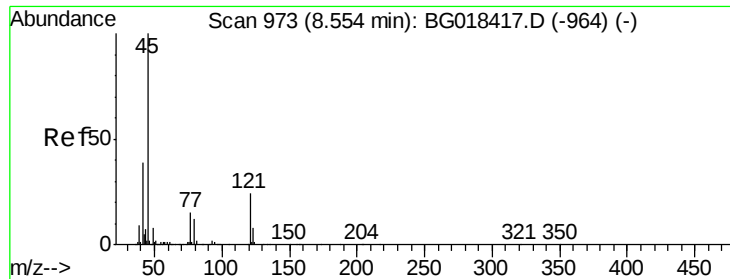
Tgt Ion:128 Resp: 313
 Ion Ratio Lower Upper
 128 100
 64 3072.6 40.9 61.3#
 130 134.2 24.5 36.7#



#11
 2-Methylphenol
 Concen: 0.01 ng/ul
 RT: 8.45 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BG018421.D
 Acq: 13 Aug 2015 5:59

Tgt Ion:108 Resp: 124
 Ion Ratio Lower Upper
 108 100
 107 0.0 72.1 108.1#

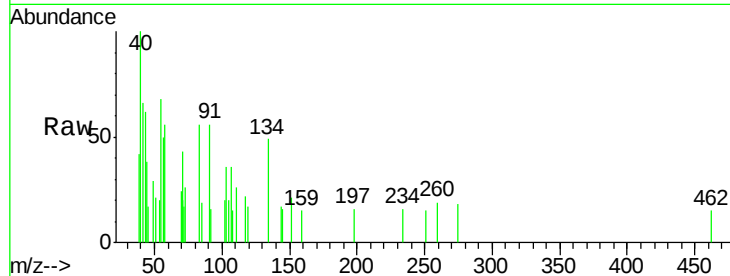




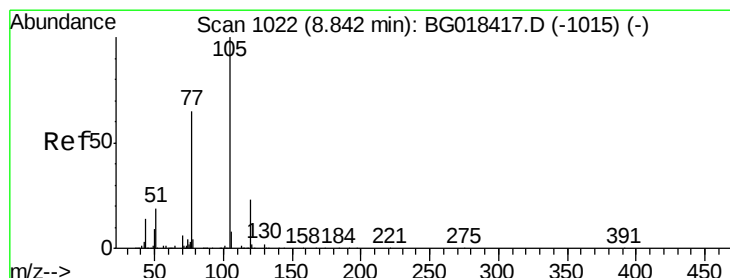
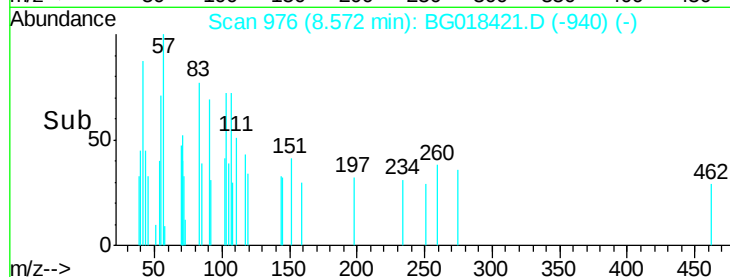
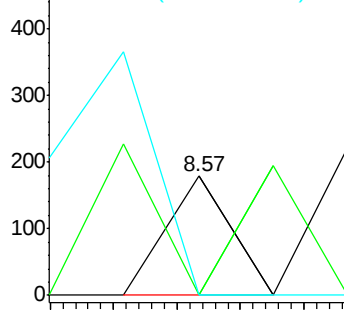
#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.00 ng/ul
 RT: 8.57 min Scan# 976
 Delta R.T. 0.01 min
 Lab File: BG018421.D
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Instrument :
 BNA_G
 ClientSampled :
 MDL-05-W

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

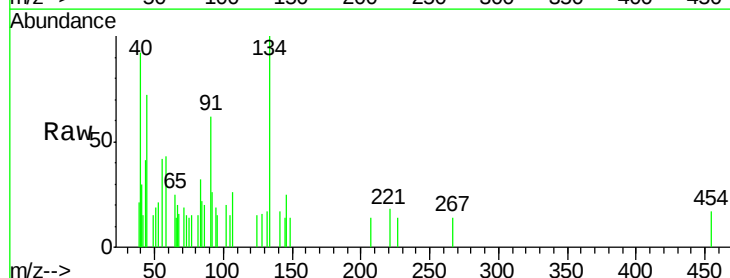


Abundance Ion 45.00 (44.70 to 45.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC
 Ion 79.00 (78.70 to 79.70): BGC

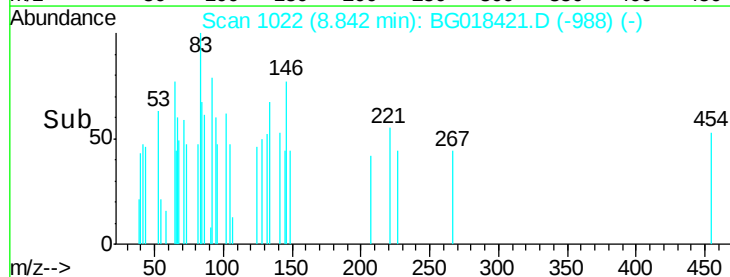
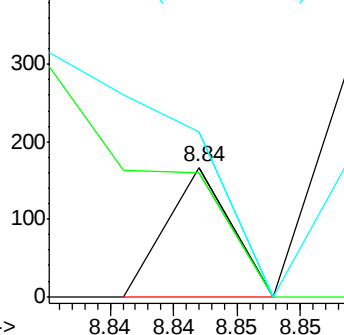


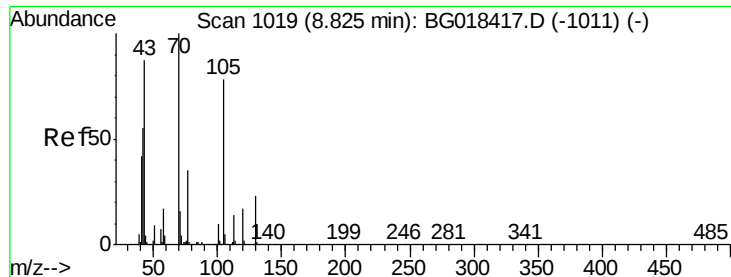
#14
 Acetophenone
 Concen: 0.00 ng/ul
 RT: 8.84 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BG018421.D
 Acq: 13 Aug 2015 5:59

Tgt Ion	Ratio	Lower	Upper
105	100		
77	95.8	61.9	92.9#
51	127.5	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

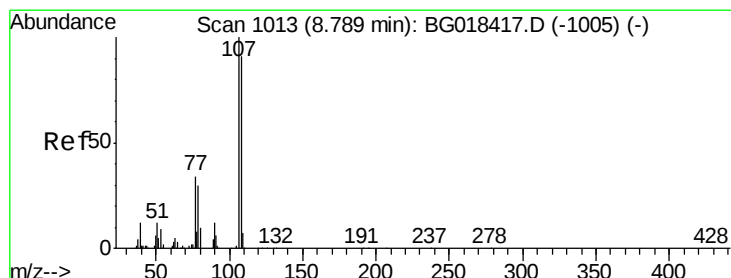
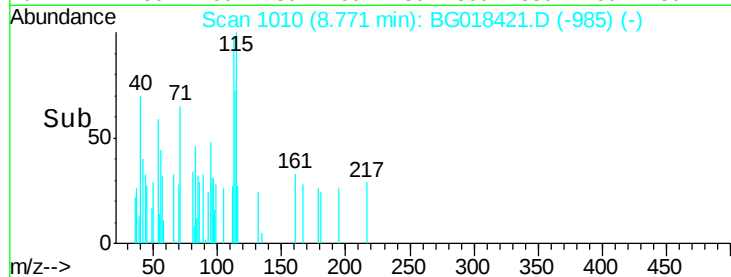
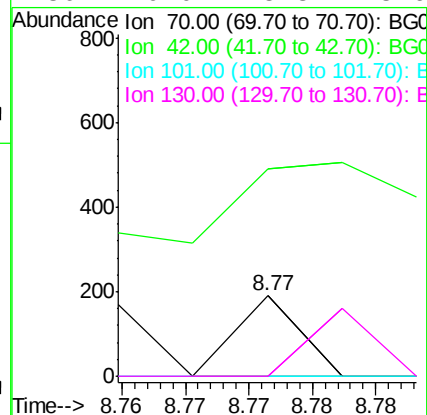
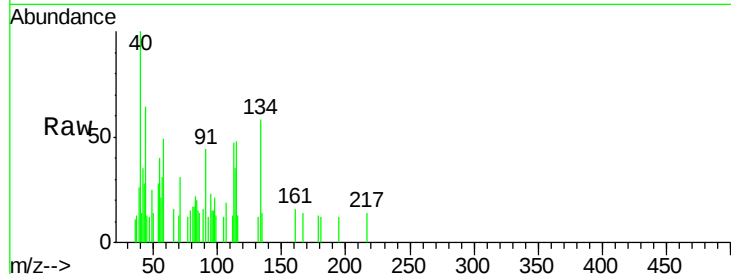




#15
N-Nitroso-di-n-propylamine
Concen: 0.01 ng/ul
RT: 8.77 min Scan# 1010
Delta R.T. -0.05 min
Lab File: BG018421.D
Acq: 13 Aug 2015 5:59

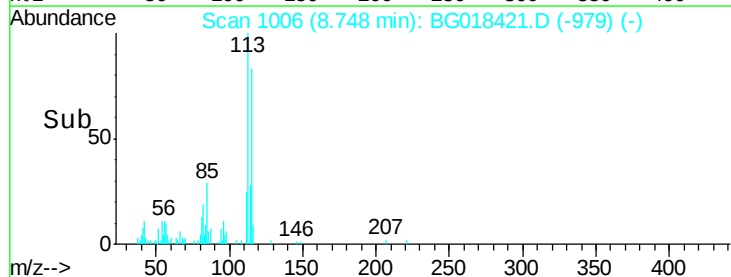
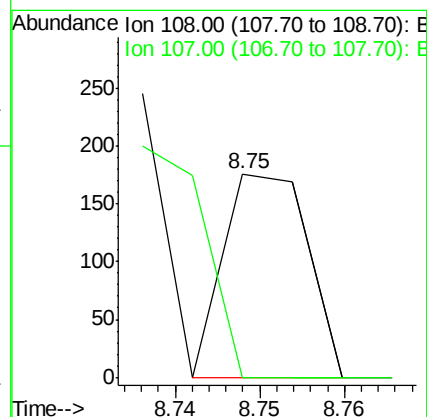
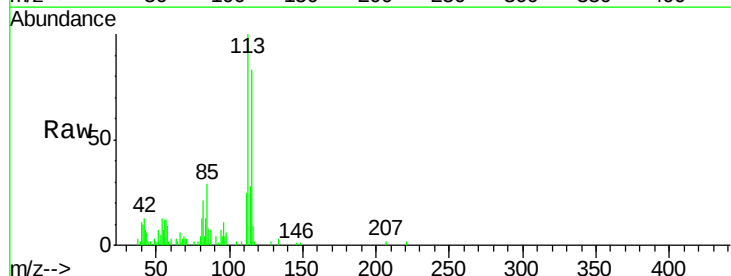
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BNA_G
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MDL-05-W

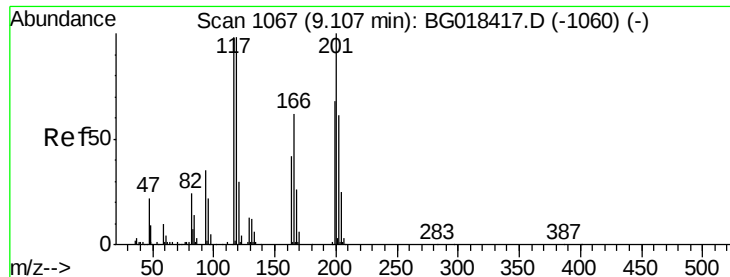
Tgt Ion: 70 Resp: 67
Ion Ratio Lower Upper
70 100
42 257.9 50.7 76.1#
101 0.0 7.4 11.2#
130 0.0 15.8 23.6#



#16
4-Methylphenol
Concen: 0.01 ng/ul
RT: 8.75 min Scan# 1006
Delta R.T. -0.04 min
Lab File: BG018421.D
Acq: 13 Aug 2015 5:59

Tgt Ion: 108 Resp: 122
Ion Ratio Lower Upper
108 100
107 0.0 94.6 142.0#





#17

Hexachloroethane

Concen: 0.03 ng/ul

RT: 8.97 min Scan# 1044

Delta R.T. -0.14 min

Lab File: BG018421.D

Acq: 13 Aug 2015 5:59

Instrument :

BNA_G

ClientSampleId :

MDL-05-W

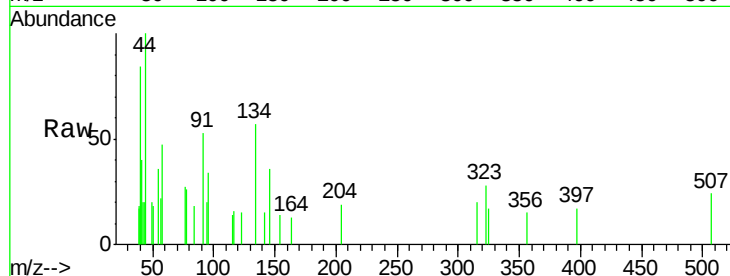
Tgt Ion: 117 Resp: 132

Ion Ratio Lower Upper

117 100

201 0.0 73.6 110.4#

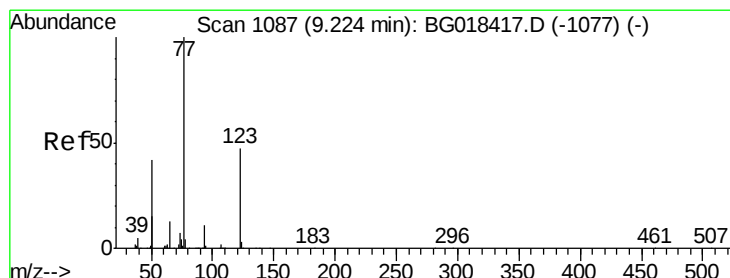
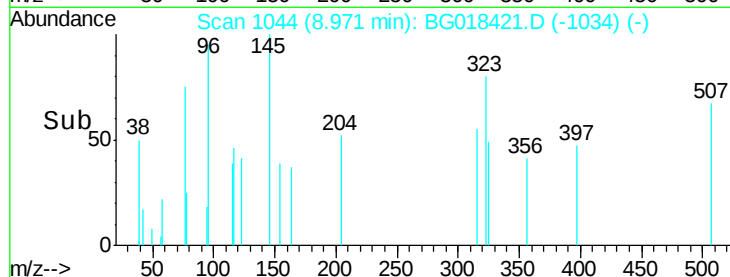
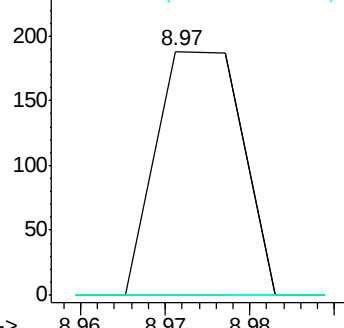
199 0.0 48.6 72.8#



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: 0.03 ng/ul

RT: 9.22 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BG018421.D

Acq: 13 Aug 2015 5:59

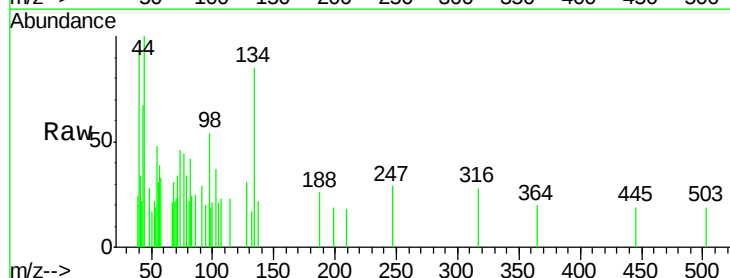
Tgt Ion: 77 Resp: 340

Ion Ratio Lower Upper

77 100

123 0.0 32.8 49.2#

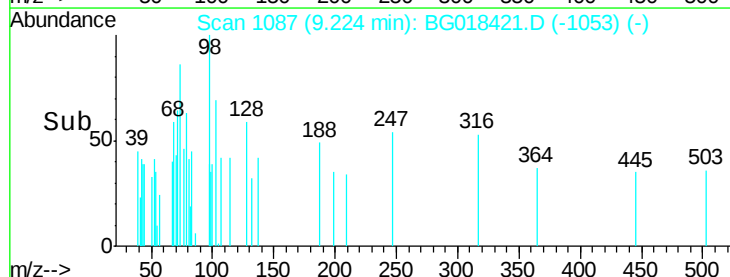
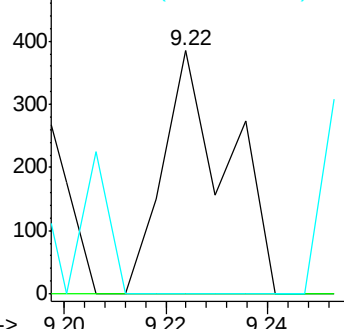
65 0.0 12.2 18.2#

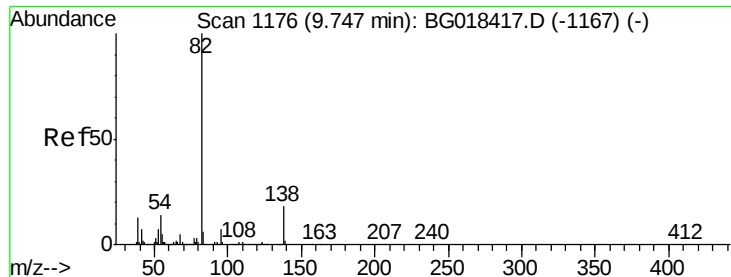


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 9.77 min Scan# 1180

Delta R.T. 0.03 min

Lab File: BG018421.D

Acq: 13 Aug 2015 5:59

Instrument :

BNA_G

ClientSampleId :

MDL-05-W

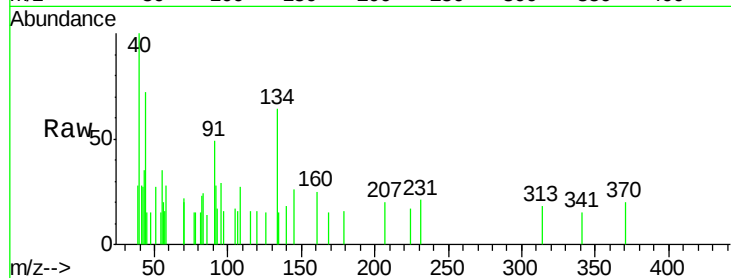
Tgt Ion: 82 Resp: 149

Ion Ratio Lower Upper

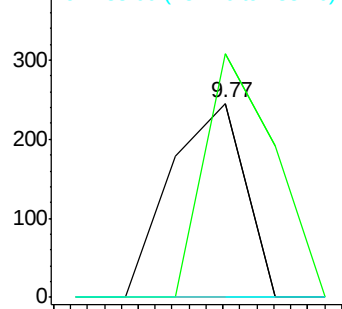
82 100

95 125.7 5.2 7.8#

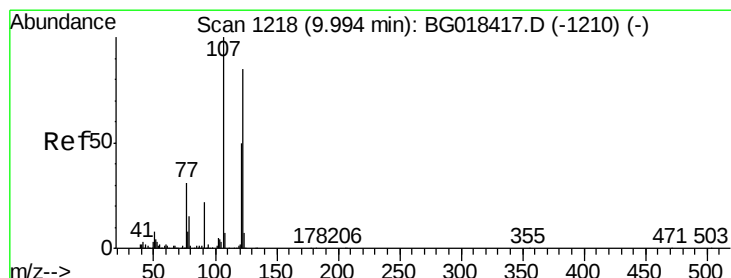
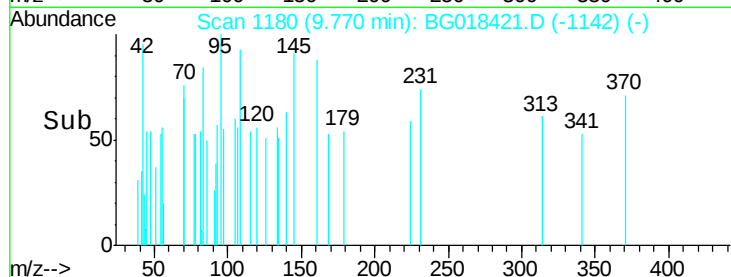
138 0.0 13.8 20.8#



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



Time-->



#24

2,4-Dimethylphenol

Concen: 0.01 ng/ul

RT: 10.00 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BG018421.D

Acq: 13 Aug 2015 5:59

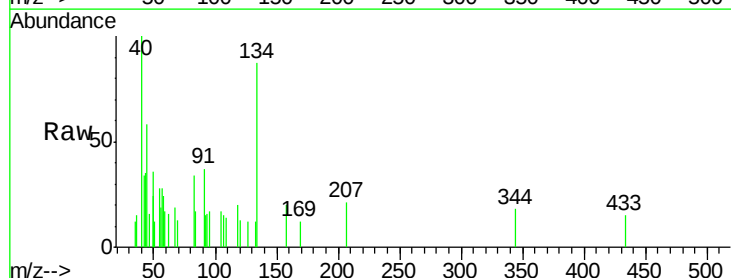
Tgt Ion: 107 Resp: 71

Ion Ratio Lower Upper

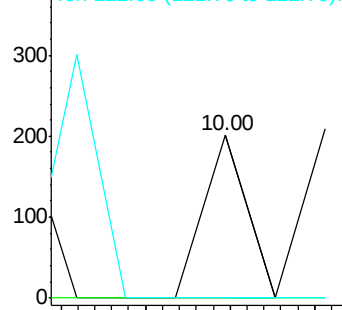
107 100

121 0.0 41.3 61.9#

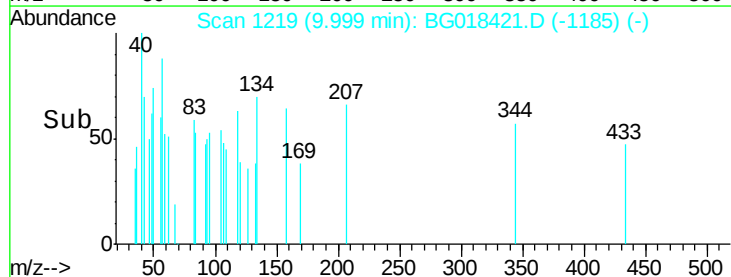
122 0.0 71.9 107.9#

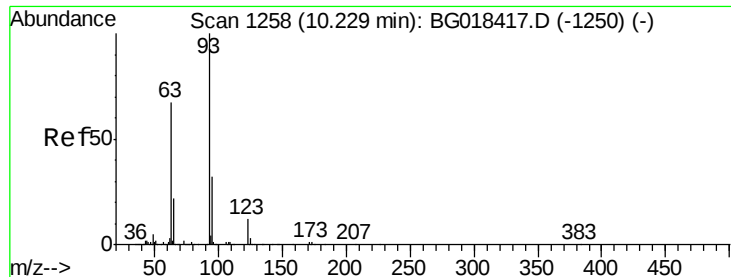


Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 121.00 (120.70 to 121.70): BGC
Ion 122.00 (121.70 to 122.70): BGC



Time-->

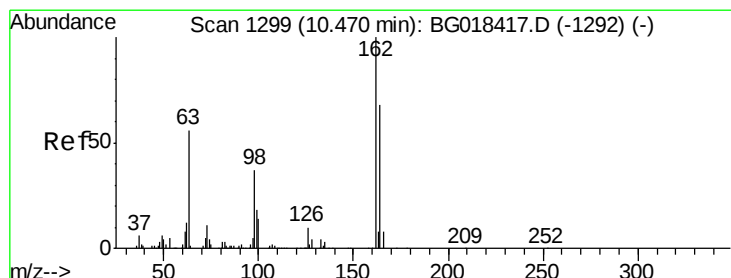
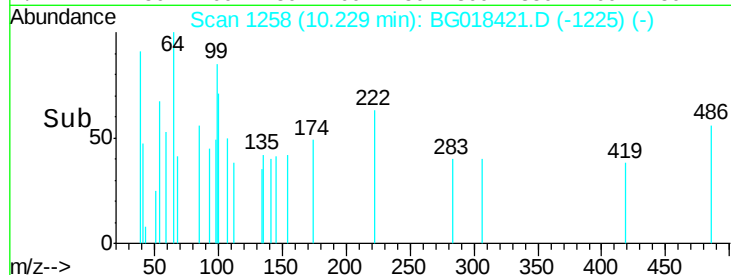
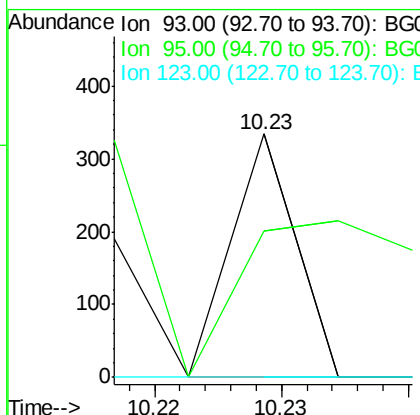
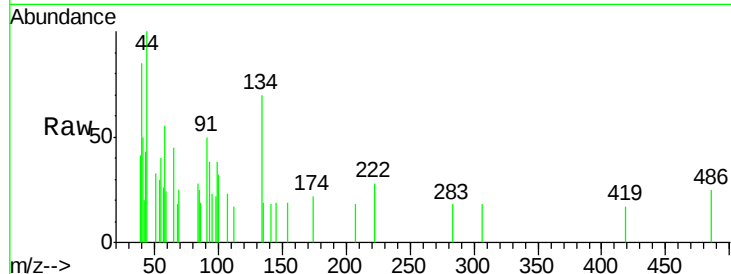




#25
 Bis(2-Chloroethoxy)methane
 Concen: 0.01 ng/ul
 RT: 10.23 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: BG018421.D
 Acq: 13 Aug 2015 5:59

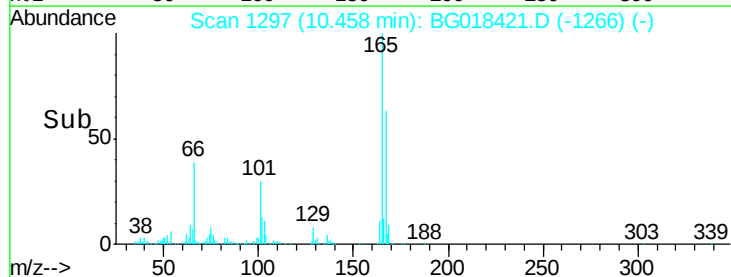
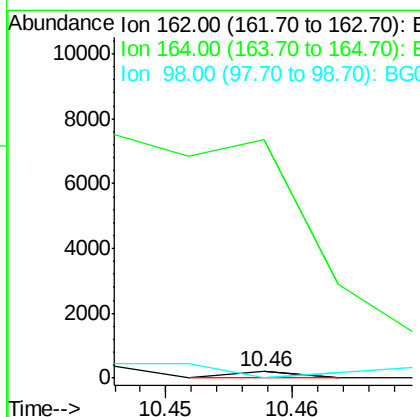
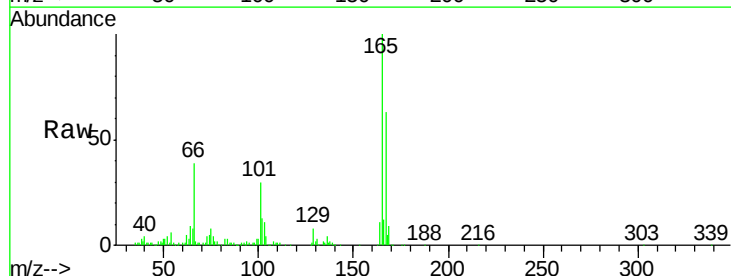
Instrument :
 BNA_G
 ClientSampleId :
 MDL-05-W

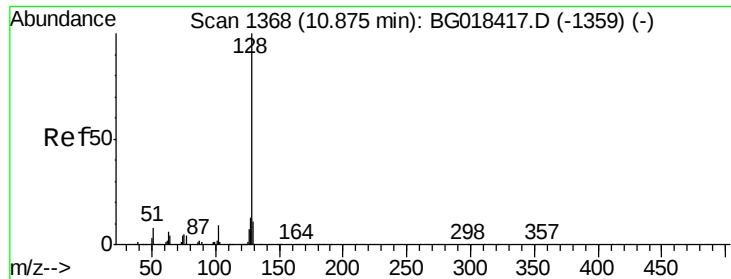
Tgt Ion: 93 Resp: 118
 Ion Ratio Lower Upper
 93 100
 95 60.2 24.1 36.1#
 123 0.0 8.9 13.3#



#27
 2,4-Dichlorophenol
 Concen: 0.01 ng/ul
 RT: 10.46 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BG018421.D
 Acq: 13 Aug 2015 5:59

Tgt Ion: 162 Resp: 68
 Ion Ratio Lower Upper
 162 100
 164 3825.0 51.7 77.5#
 98 0.0 30.4 45.6#





#28

Naphthalene

Concen: 0.01 ng/ul

RT: 10.86 min Scan# 1365

Delta R.T. -0.02 min

Lab File: BG018421.D

Acq: 13 Aug 2015 5:59

Instrument :

BNA_G

ClientSampleId :

MDL-05-W

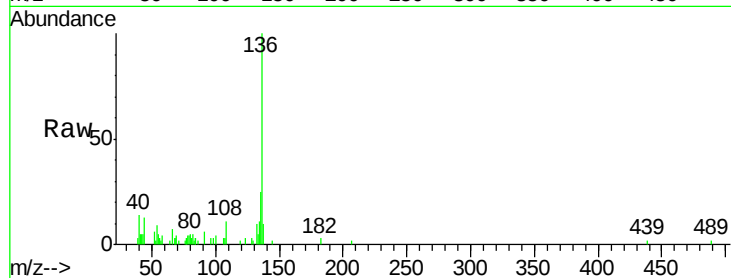
Tgt Ion:128 Resp: 156

Ion Ratio Lower Upper

128 100

129 72.7 9.6 14.4#

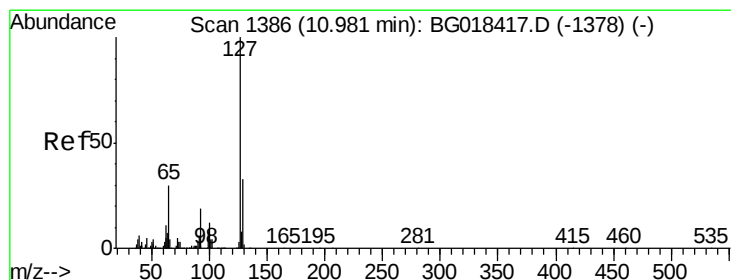
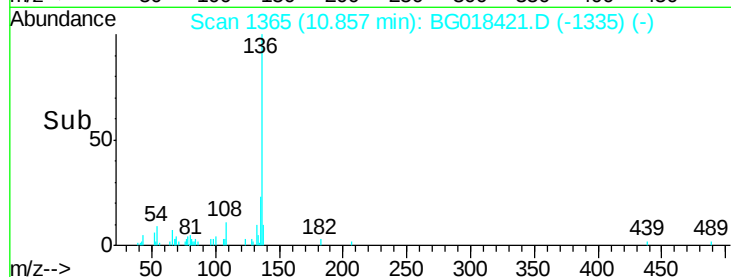
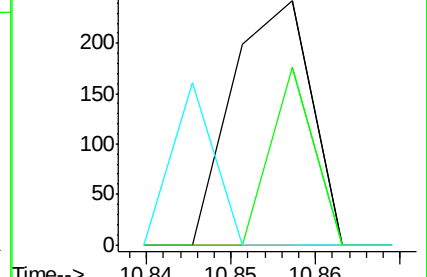
127 0.0 10.5 15.7#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#30

4-Chloroaniline

Concen: 0.03 ng/ul

RT: 10.95 min Scan# 1381

Delta R.T. -0.03 min

Lab File: BG018421.D

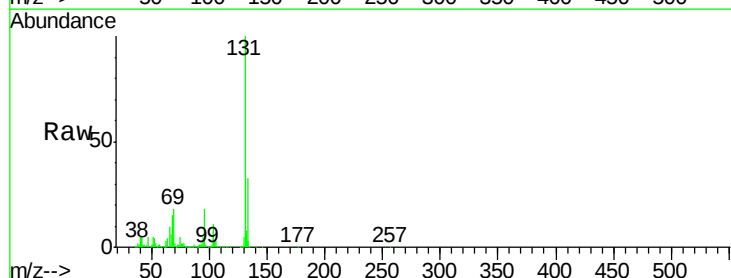
Acq: 13 Aug 2015 5:59

Tgt Ion:127 Resp: 338

Ion Ratio Lower Upper

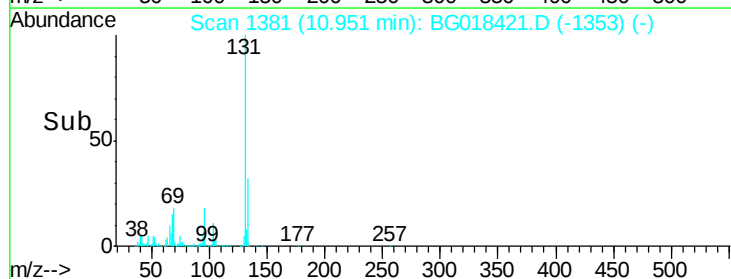
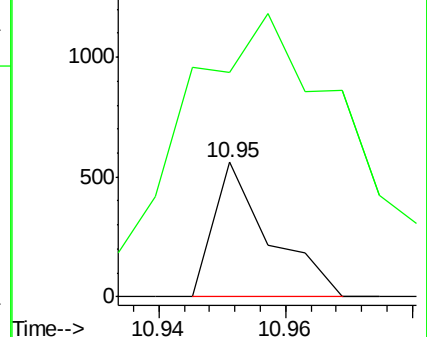
127 100

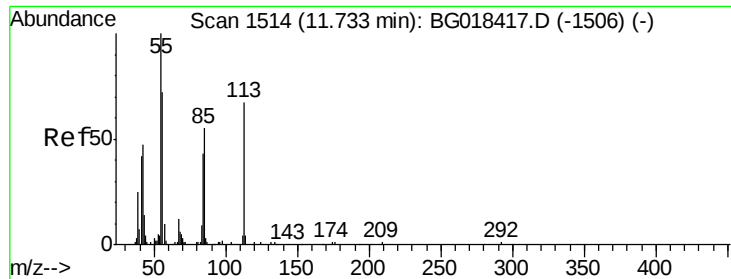
129 166.4 26.7 40.1#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#32

Caprolactam

Concen: 0.05 ng/ul

RT: 11.72 min Scan# 1511

Delta R.T. -0.02 min

Lab File: BG018421.D

Acq: 13 Aug 2015 5:59

Instrument :

BNA_G

ClientSampleId :

MDL-05-W

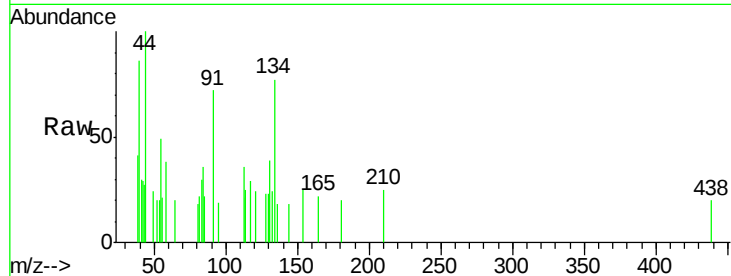
Tgt Ion:113 Resp: 173

Ion Ratio Lower Upper

113 100

55 85.9 124.2 186.4#

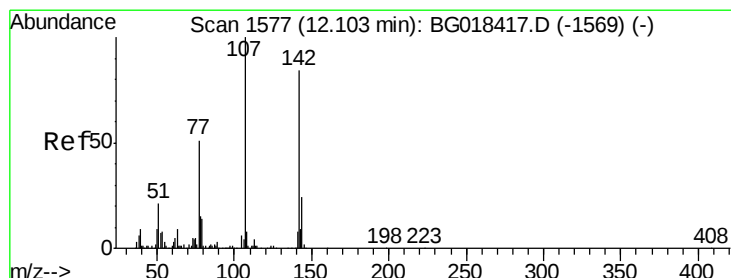
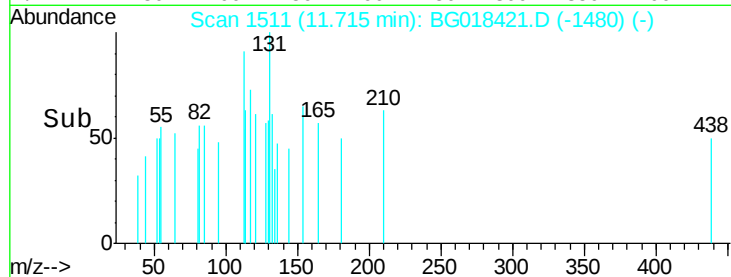
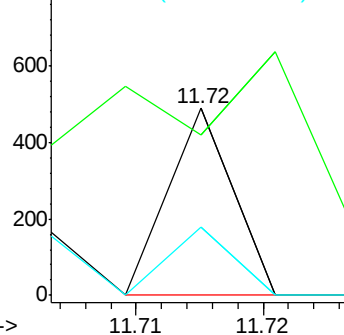
56 36.5 98.2 147.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#33

4-Chloro-3-methylphenol

Concen: 0.02 ng/ul

RT: 12.08 min Scan# 1573

Delta R.T. -0.03 min

Lab File: BG018421.D

Acq: 13 Aug 2015 5:59

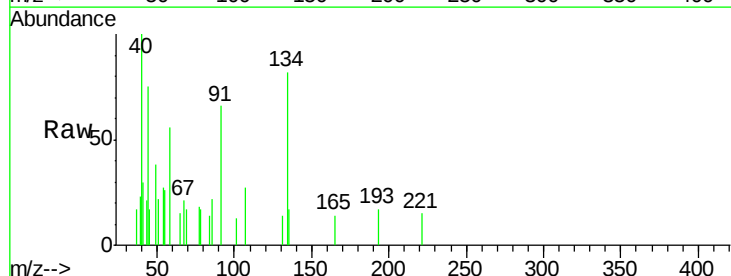
Tgt Ion:107 Resp: 172

Ion Ratio Lower Upper

107 100

144 0.0 21.4 32.2#

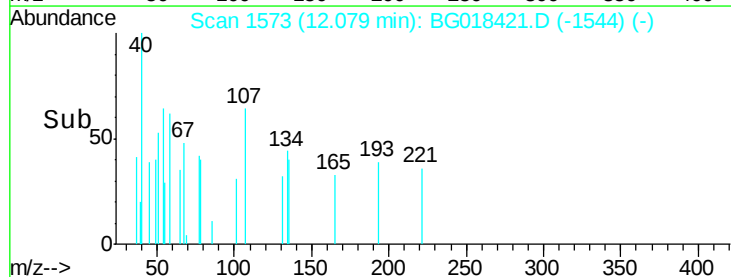
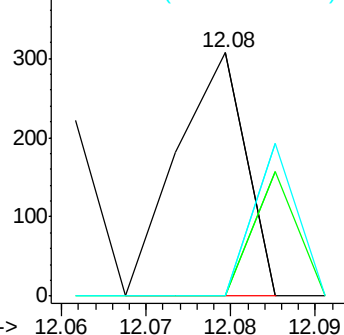
142 0.0 66.0 99.0#

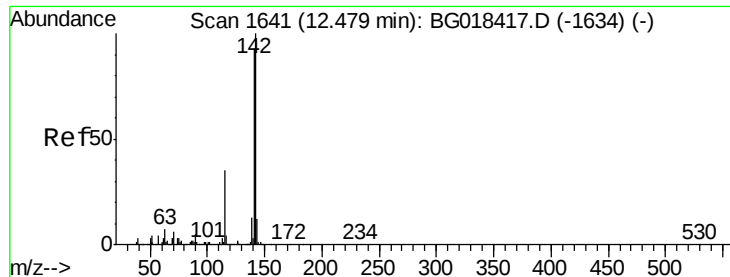


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

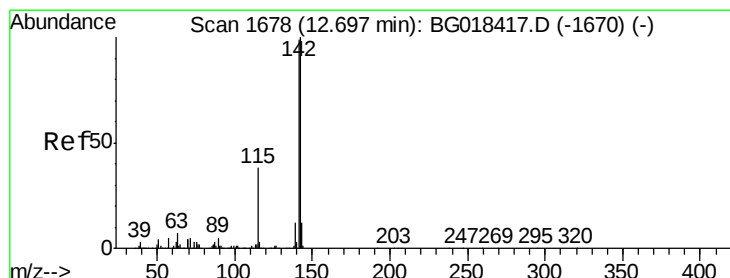
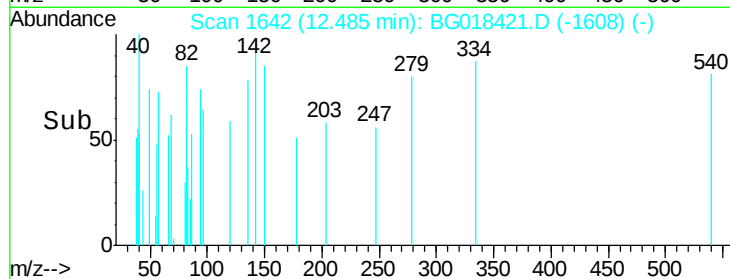
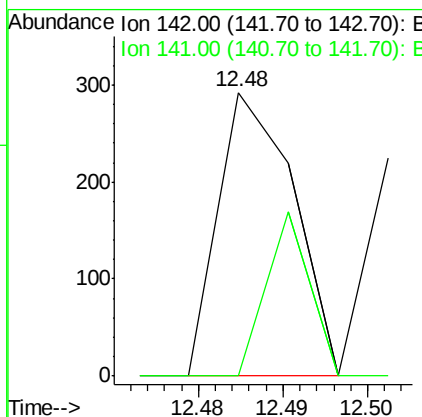
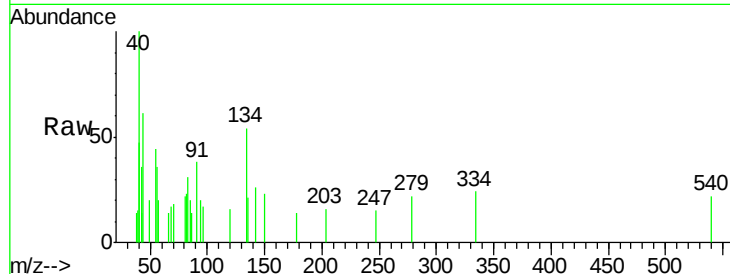




#34
 2-Methylnaphthalene
 Concen: 0.01 ng/ul
 RT: 12.48 min Scan# 1642
 Delta R.T. 0.00 min
 Lab File: BG018421.D
 Acq: 13 Aug 2015 5:59

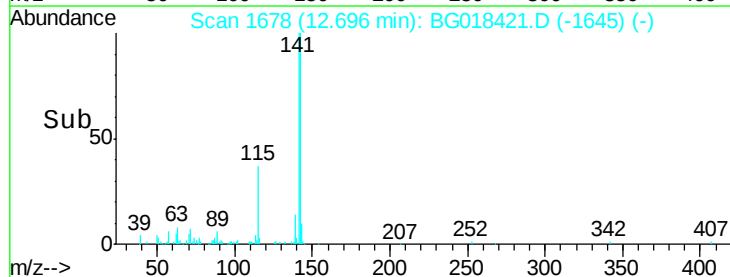
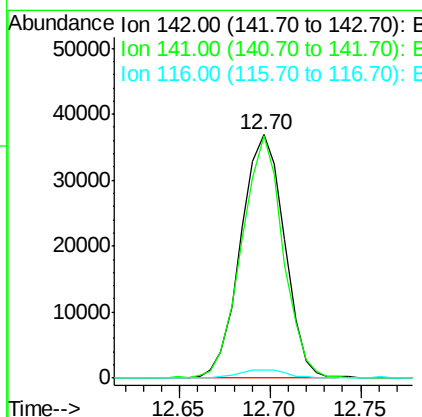
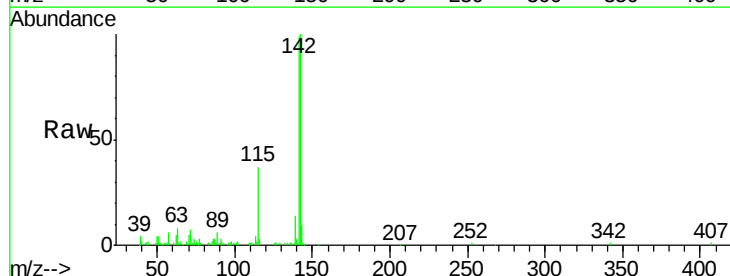
Instrument :
 BNA_G
 ClientSampleId :
 MDL-05-W

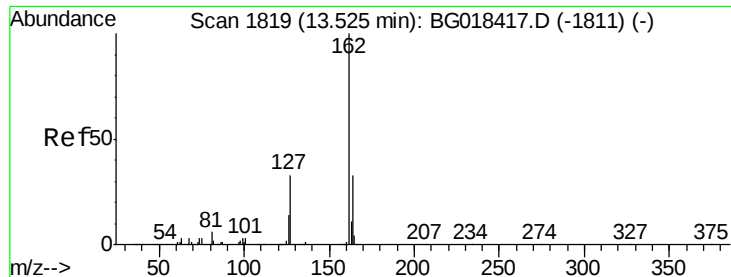
Tgt Ion:142 Resp: 181
 Ion Ratio Lower Upper
 142 100
 141 0.0 78.0 117.0#



#35
 1-Methylnaphthalene
 Concen: 2.82 ng/ul
 RT: 12.70 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BG018421.D
 Acq: 13 Aug 2015 5:59

Tgt Ion:142 Resp: 61643
 Ion Ratio Lower Upper
 142 100
 141 99.5 77.1 115.7
 116 3.2 3.5 5.3#

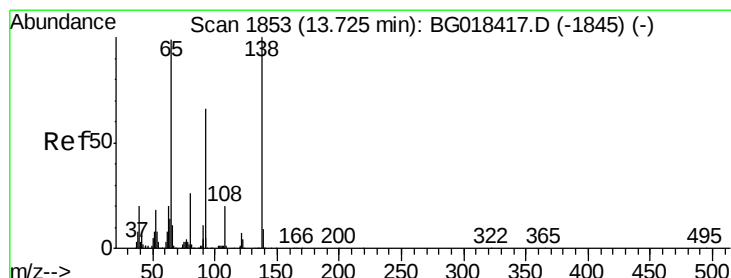
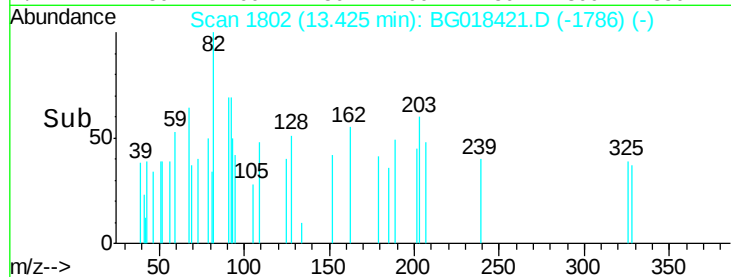
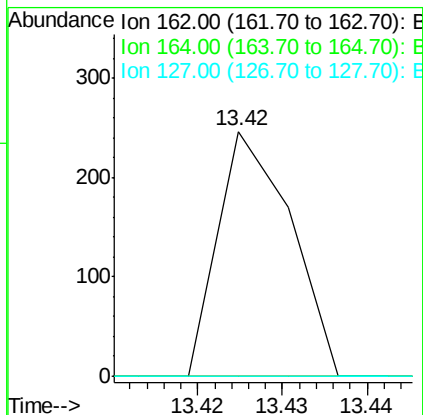
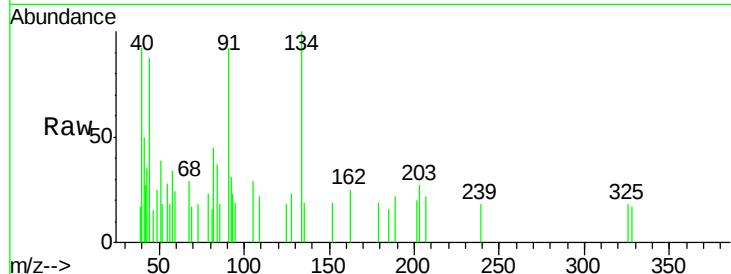




#42
2-Chloronaphthalene
Concen: 0.01 ng/ul
RT: 13.42 min Scan# 1802
Delta R.T. -0.10 min
Lab File: BG018421.D
Acq: 13 Aug 2015 5:59

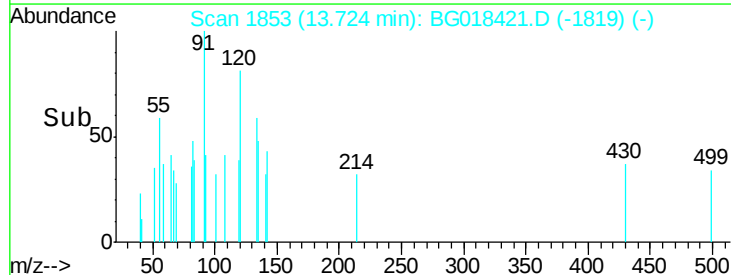
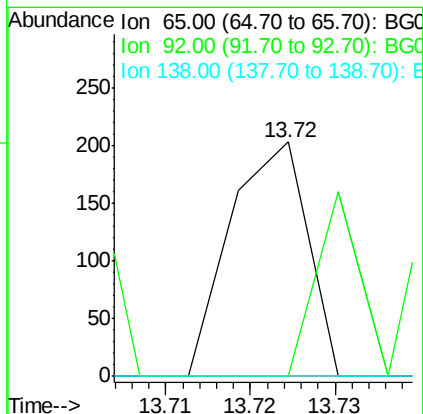
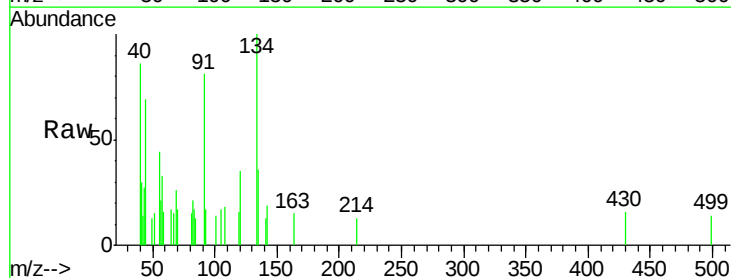
Instrument :
BNA_G
ClientSampleId :
MDL-05-W

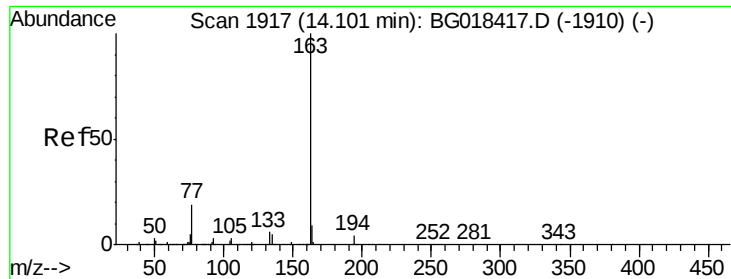
Tgt Ion	Ratio	Lower	Upper
162	100		
164	0.0	24.8	37.2#
127	0.0	30.3	45.5#



#43
2-Nitroaniline
Concen: 0.02 ng/ul
RT: 13.72 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BG018421.D
Acq: 13 Aug 2015 5:59

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





#45

Dimethylphthalate

Concen: 0.07 ng/ul

RT: 14.05 min Scan# 1909

Delta R.T. -0.04 min

Lab File: BG018421.D

Acq: 13 Aug 2015 5:59

Instrument :

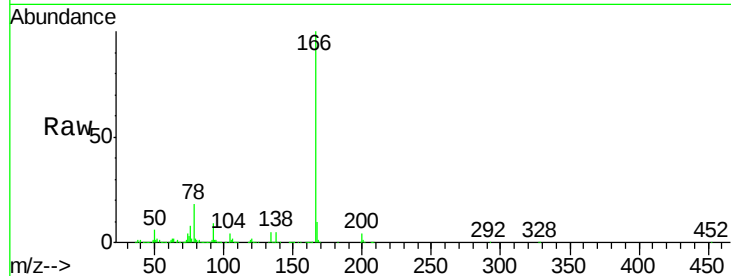
BNA_G

ClientSampleId :

MDL-05-W

Tgt Ion:163 Resp: 2207

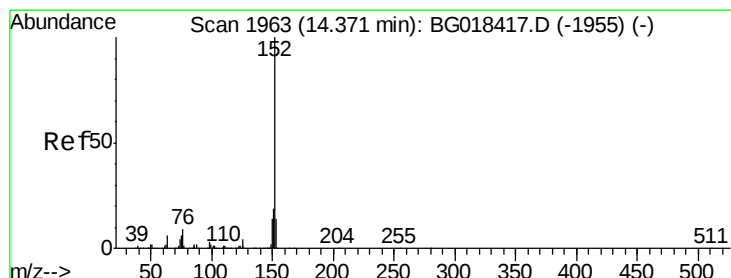
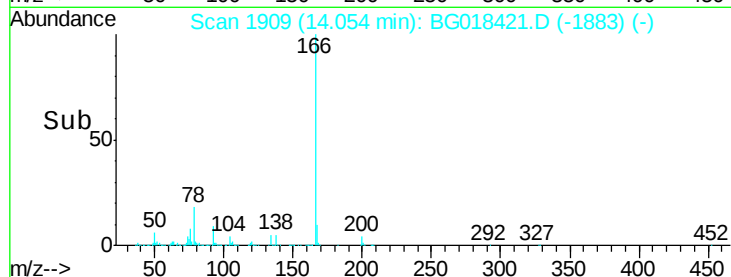
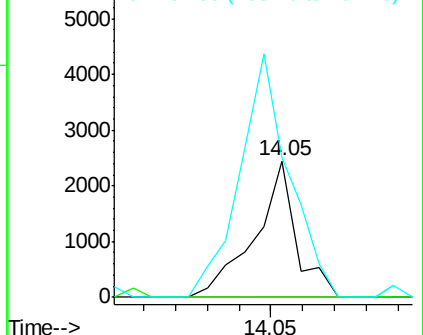
Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.9	4.3#
164	102.7	7.7	11.5#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#48

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.36 min Scan# 1961

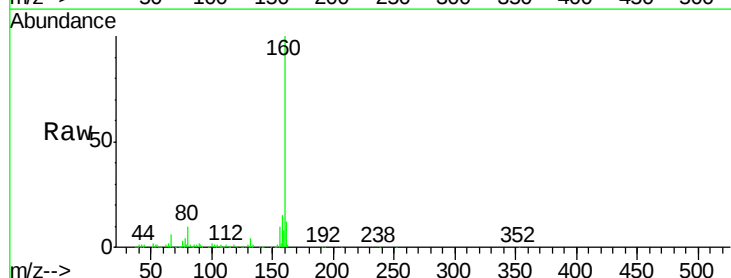
Delta R.T. -0.02 min

Lab File: BG018421.D

Acq: 13 Aug 2015 5:59

Tgt Ion:152 Resp: 119

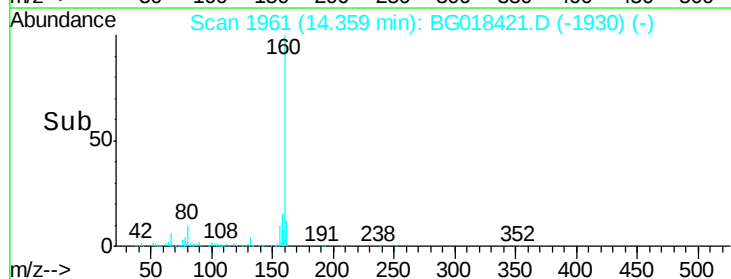
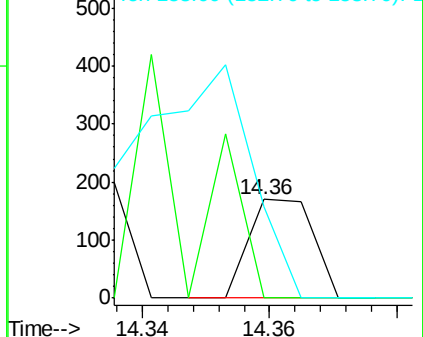
Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.4	23.2#
153	92.9	10.8	16.2#

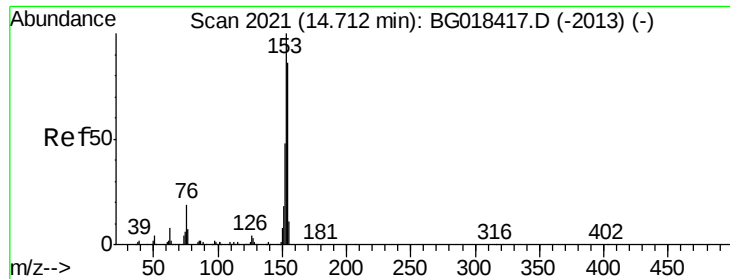


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#50

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.66 min Scan# 2013

Delta R.T. -0.05 min

Lab File: BG018421.D

Acq: 13 Aug 2015 5:59

Instrument :

BNA_G

ClientSampleId :

MDL-05-W

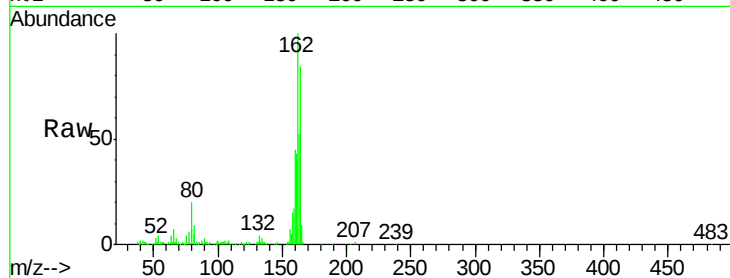
Tgt Ion:153 Resp: 92

Ion Ratio Lower Upper

153 100

152 0.0 38.2 57.4#

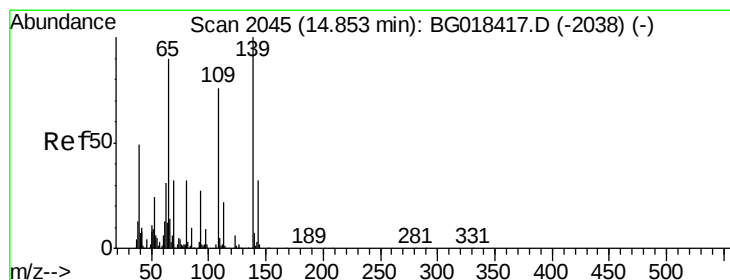
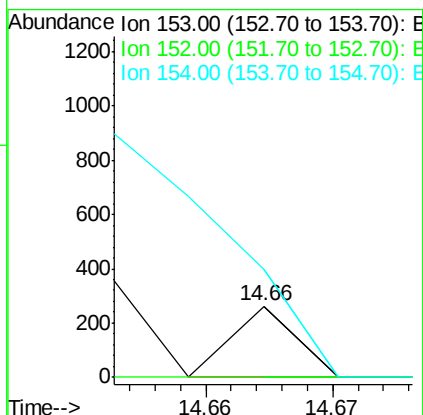
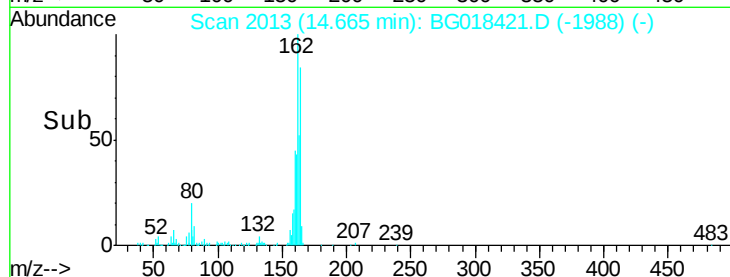
154 153.3 68.6 103.0#



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

4-Nitrophenol

Concen: 0.04 ng/ul

RT: 14.85 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BG018421.D

Acq: 13 Aug 2015 5:59

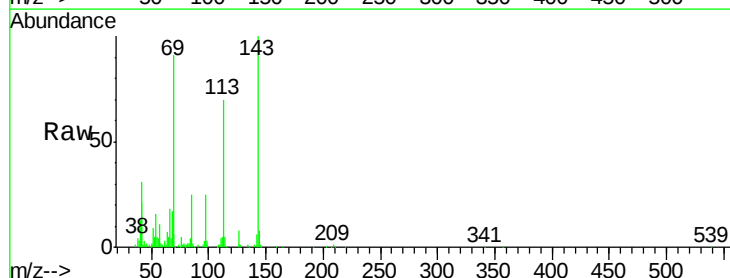
Tgt Ion:109 Resp: 193

Ion Ratio Lower Upper

109 100

139 0.0 111.3 166.9#

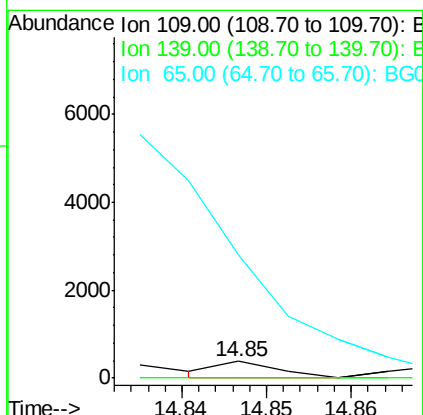
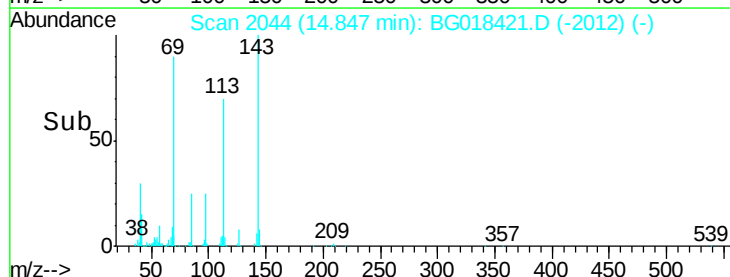
65 746.9 105.3 157.9#

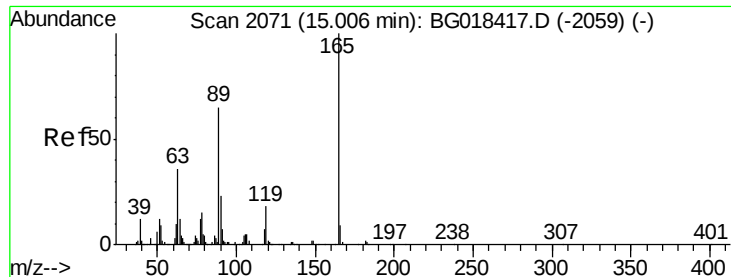


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BG





#55

2,4-Dinitrotoluene

Concen: 0.01 ng/ul

RT: 14.99 min Scan# 2069

Delta R.T. -0.01 min

Lab File: BG018421.D

Acq: 13 Aug 2015 5:59

Instrument :

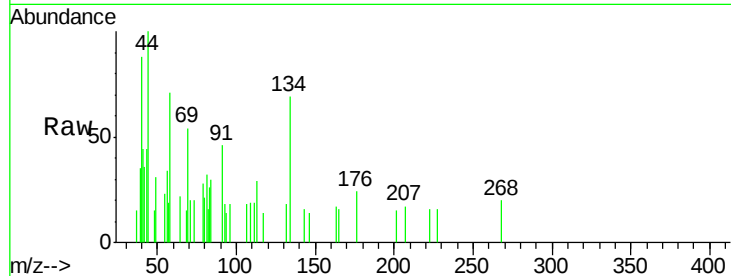
BNA_G

ClientSampleId :

MDL-05-W

Tgt Ion:165 Resp: 120

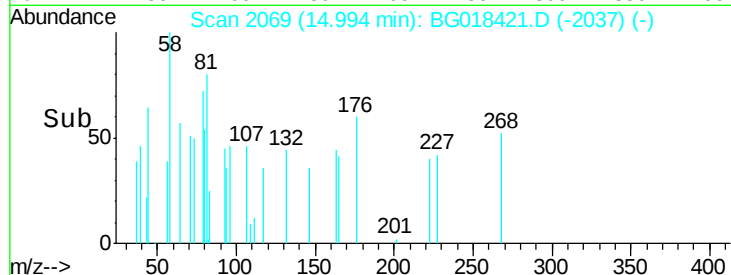
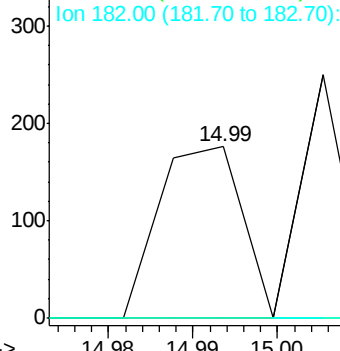
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
182	0.0	2.2	3.2#



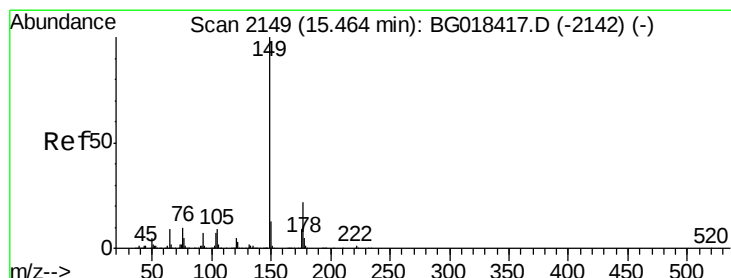
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E



Time-->



#57

Diethylphthalate

Concen: 0.05 ng/ul

RT: 15.45 min Scan# 2147

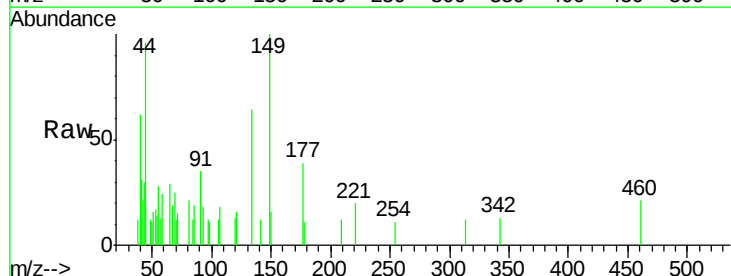
Delta R.T. -0.01 min

Lab File: BG018421.D

Acq: 13 Aug 2015 5:59

Tgt Ion:149 Resp: 1794

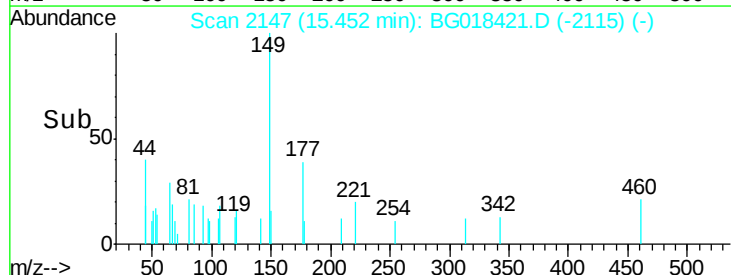
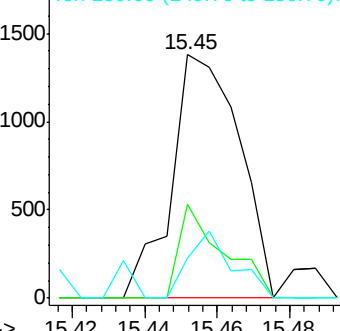
Ion	Ratio	Lower	Upper
149	100		
177	38.8	18.2	27.4#
150	16.4	9.7	14.5#

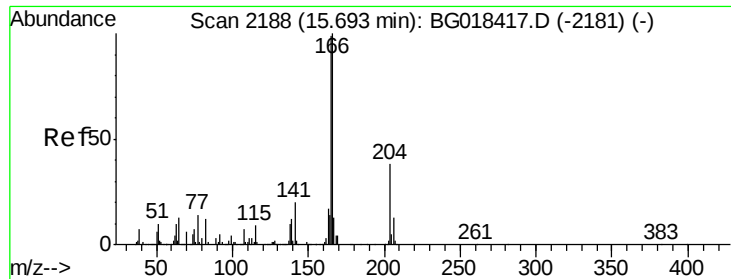


Abundance Ion 149.00 (148.70 to 149.70): E

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: 15.67 min Scan# 2184

Delta R.T. -0.03 min

Lab File: BG018421.D

Acq: 13 Aug 2015 5:59

Instrument :

BNA_G

ClientSampleId :

MDL-05-W

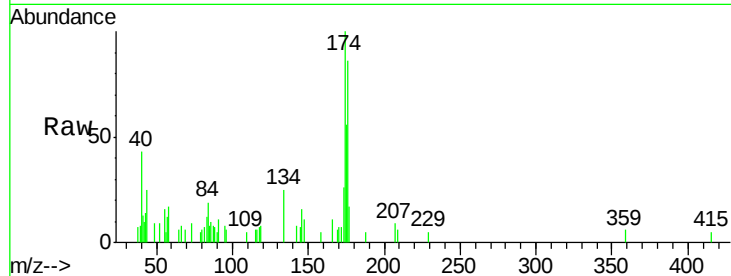
Tgt Ion:166 Resp: 191

Ion Ratio Lower Upper

166 100

165 0.0 82.6 124.0#

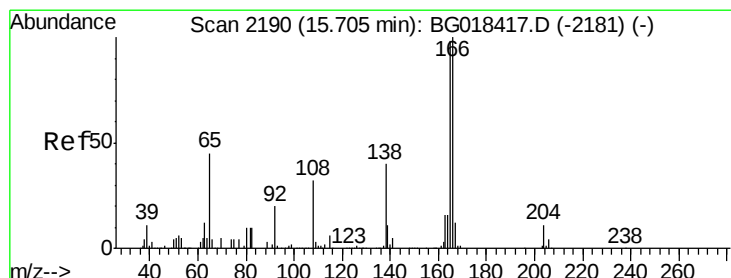
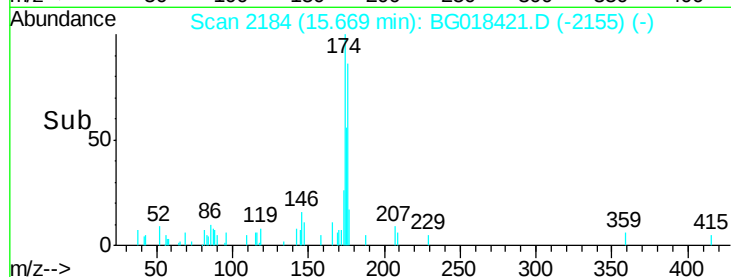
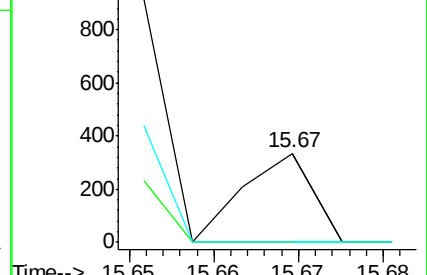
167 0.0 11.4 17.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#61

4-Nitroaniline

Concen: 0.17 ng/ul

RT: 15.75 min Scan# 2198

Delta R.T. 0.04 min

Lab File: BG018421.D

Acq: 13 Aug 2015 5:59

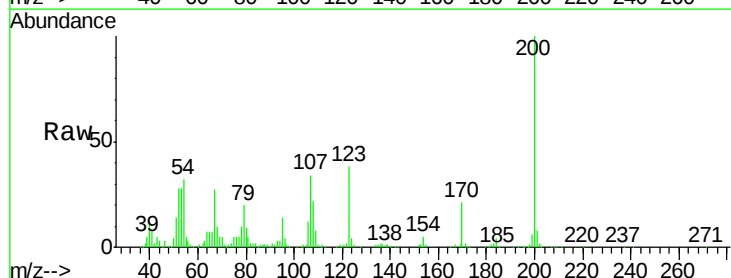
Tgt Ion:138 Resp: 1200

Ion Ratio Lower Upper

138 100

92 104.4 44.0 66.0#

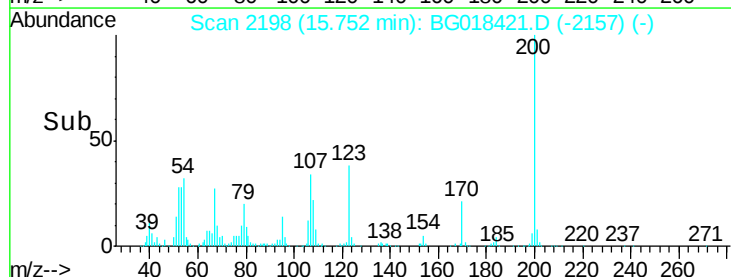
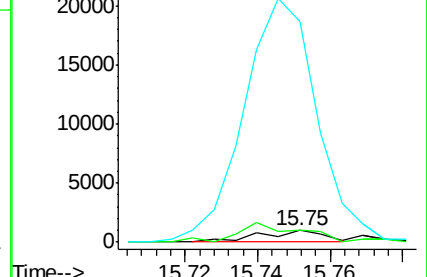
108 1910.2 64.6 97.0#

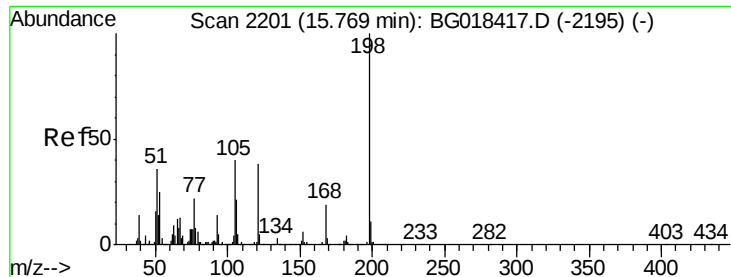


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

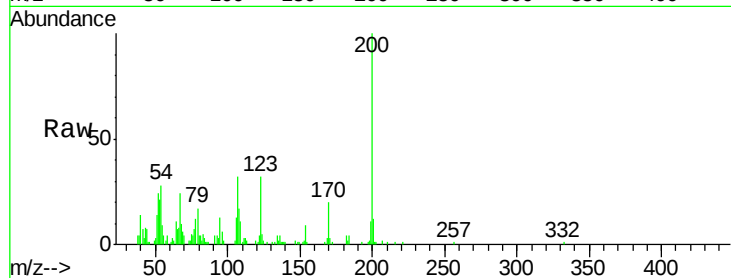




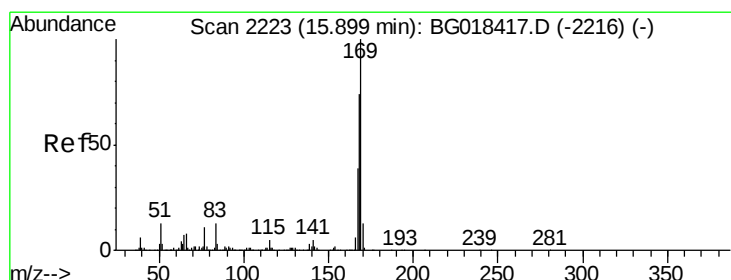
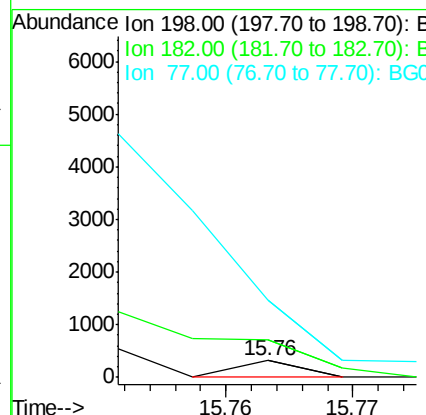
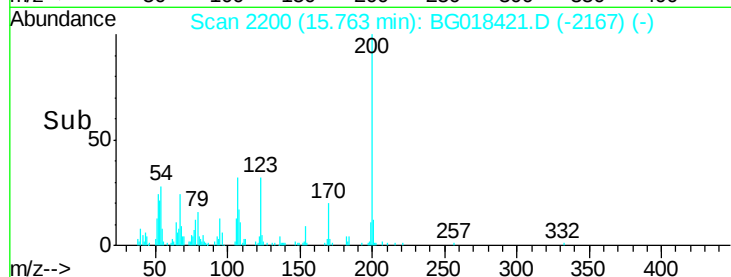
#64
4,6-Dinitro-2-methylphenol
Concen: 0.02 ng/ul
RT: 15.76 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BG018421.D
Acq: 13 Aug 2015 5:59

Instrument :
BNA_G
ClientSampleId :
MDL-05-W

Tgt Ion:198 Resp: 111
Ion Ratio Lower Upper
198 100
182 227.6 3.4 5.0#
77 467.6 22.4 33.6#

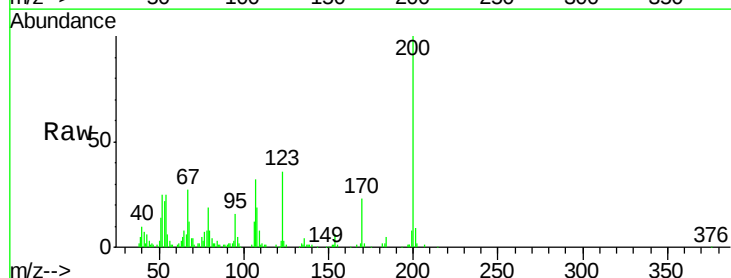


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 77.00 (76.70 to 77.70): B

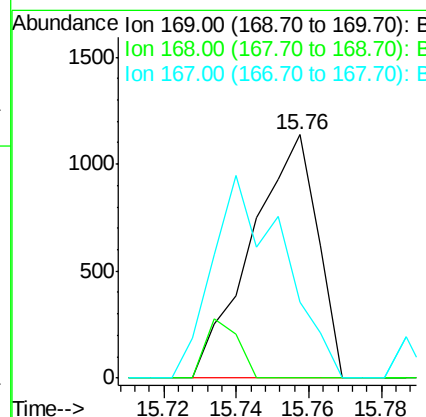
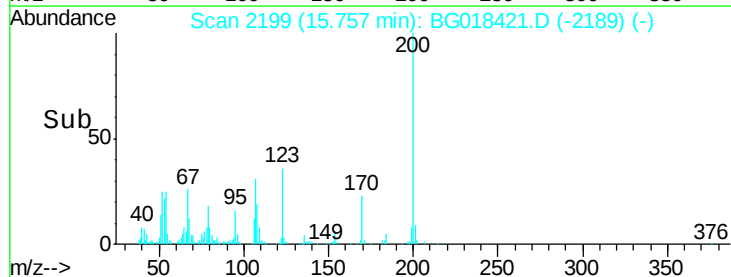


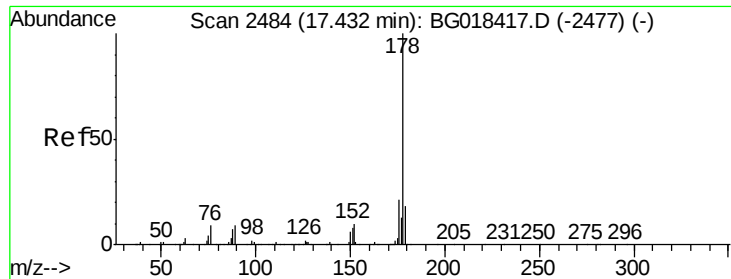
#65
N-Nitrosodiphenylamine
Concen: 0.05 ng/ul
RT: 15.76 min Scan# 2199
Delta R.T. -0.14 min
Lab File: BG018421.D
Acq: 13 Aug 2015 5:59

Tgt Ion:169 Resp: 1436
Ion Ratio Lower Upper
169 100
168 0.0 60.2 90.2#
167 31.2 33.4 50.2#



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





#70

Phenanthrene

Concen: 0.01 ng/ul

RT: 17.39 min Scan# 2477

Delta R.T. -0.04 min

Lab File: BG018421.D

Acq: 13 Aug 2015 5:59

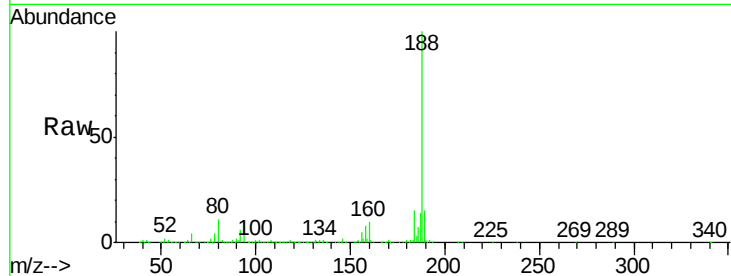
Instrument :

BNA_G

ClientSampleId :

MDL-05-W

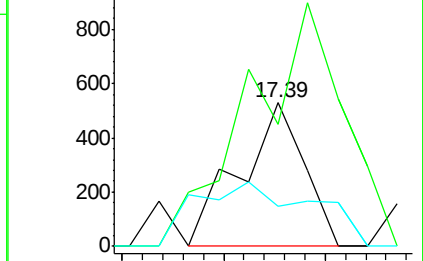
Tgt Ion:	178	Resp:	471
Ion	Ratio	Lower	Upper
178	100		
179	85.3	13.7	20.5#
176	28.3	16.6	24.8#



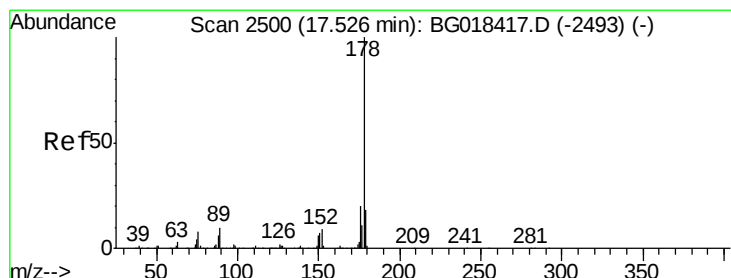
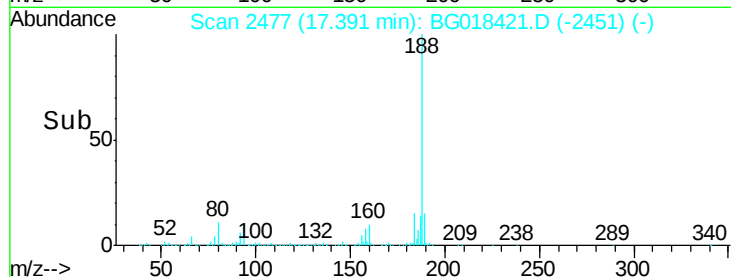
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 17.36 17.38 17.40



#72

Anthracene

Concen: 0.00 ng/ul

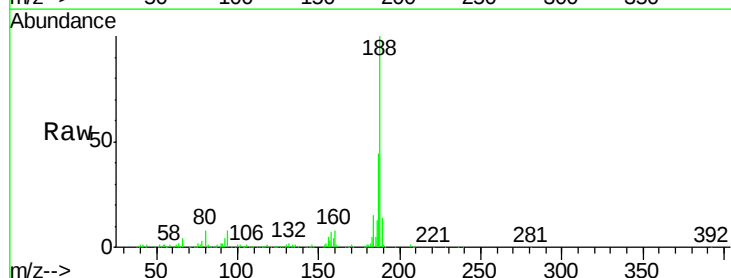
RT: 17.51 min Scan# 2497

Delta R.T. -0.02 min

Lab File: BG018421.D

Acq: 13 Aug 2015 5:59

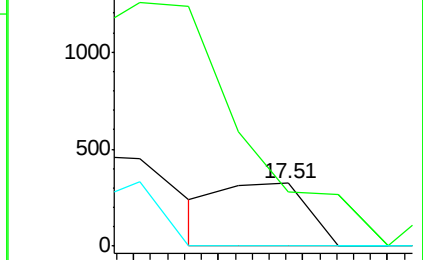
Tgt Ion:	178	Resp:	225
Ion	Ratio	Lower	Upper
178	100		
179	85.2	13.0	19.4#
176	0.0	16.0	24.0#



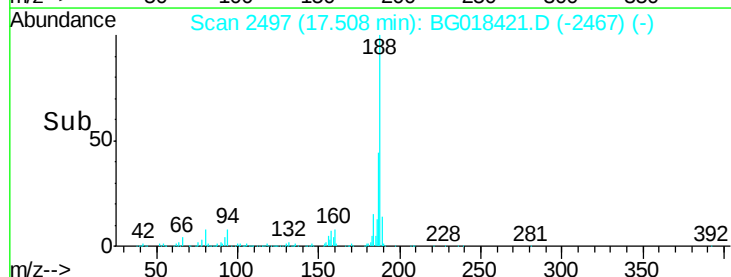
Abundance Ion 178.00 (177.70 to 178.70): E

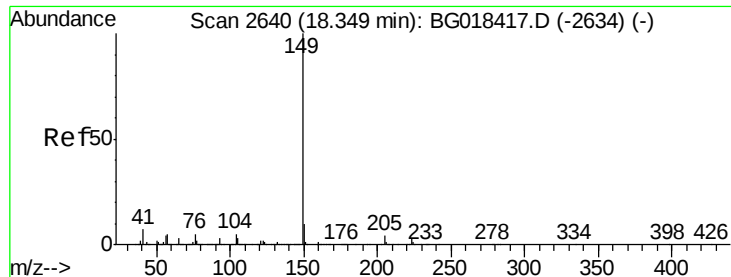
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 17.49 17.50 17.51

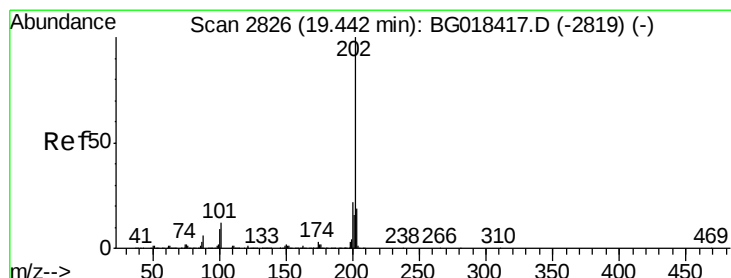
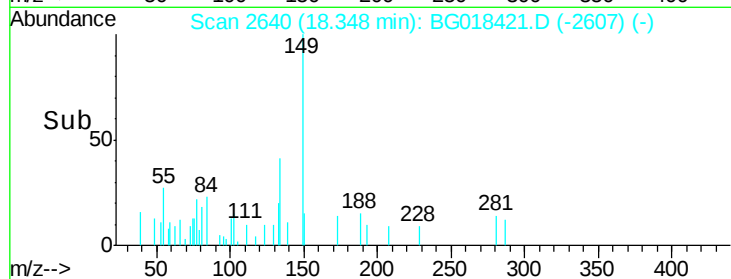
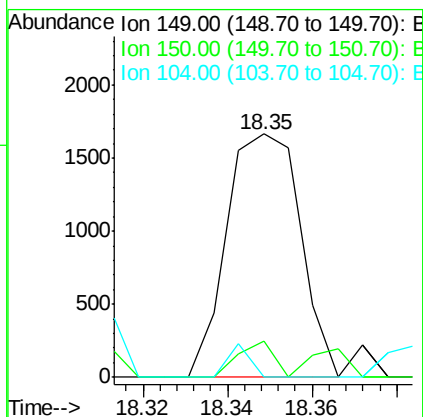
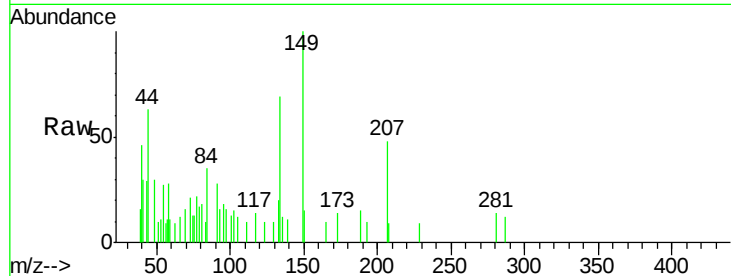




#76
Di-n-butylphthalate
Concen: 0.03 ng/ul
RT: 18.35 min Scan# 2640
Delta R.T. -0.00 min
Lab File: BG018421.D
Acq: 13 Aug 2015 5:59

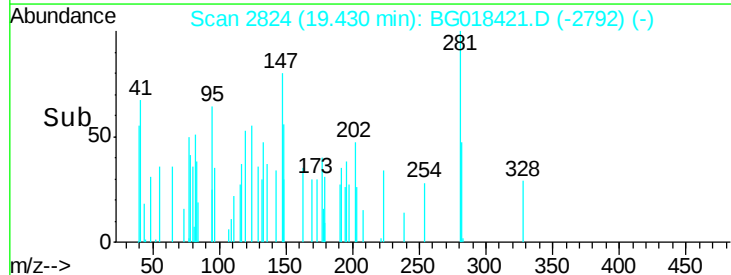
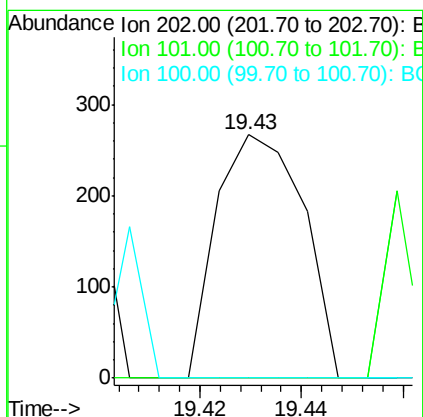
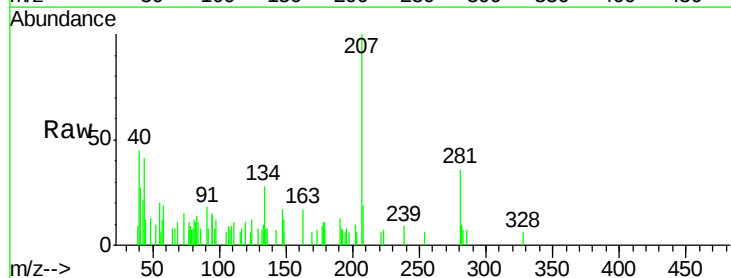
Instrument :
BNA_G
ClientSampleId :
MDL-05-W

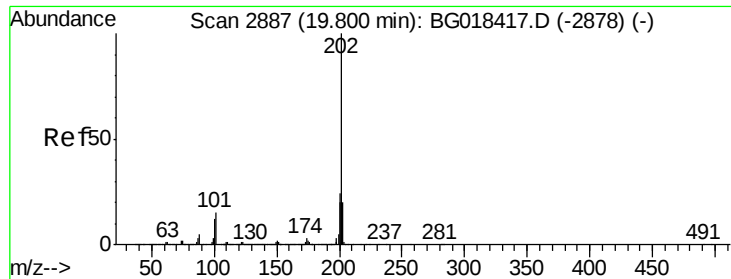
Tgt Ion:149 Resp: 2017
Ion Ratio Lower Upper
149 100
150 15.0 7.5 11.3#
104 0.0 4.3 6.5#



#77
Fluoranthene
Concen: 0.01 ng/ul
RT: 19.43 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BG018421.D
Acq: 13 Aug 2015 5:59

Tgt Ion:202 Resp: 318
Ion Ratio Lower Upper
202 100
101 0.0 9.7 14.5#
100 0.0 7.8 11.8#





#80

Pyrene

Concen: 0.04 ng/ul

RT: 19.77 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG018421.D

Acq: 13 Aug 2015 5:59

Instrument :

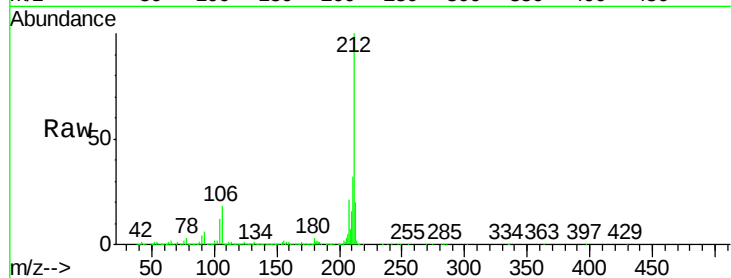
BNA_G

ClientSampleId :

MDL-05-W

Tgt Ion:202 Resp: 2813

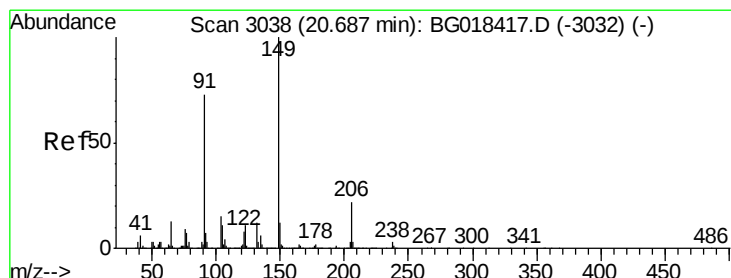
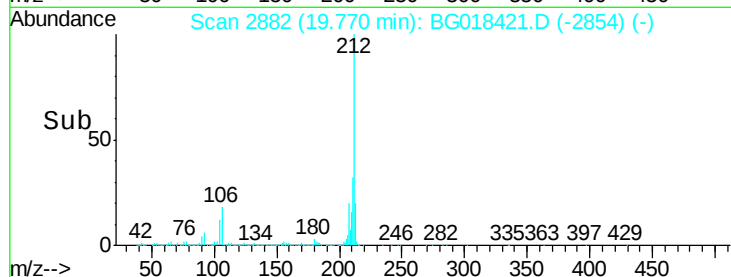
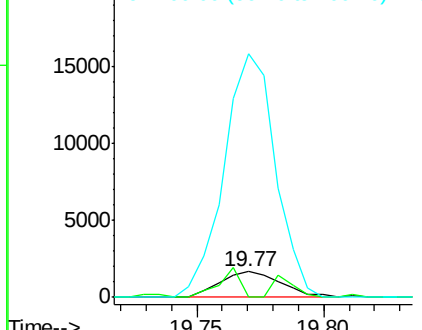
Ion	Ratio	Lower	Upper
202	100		
101	0.0	11.0	16.4#
100	951.9	9.8	14.6#



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: 0.02 ng/ul

RT: 20.68 min Scan# 3037

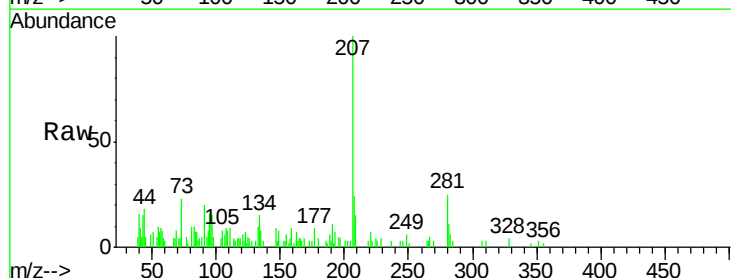
Delta R.T. -0.01 min

Lab File: BG018421.D

Acq: 13 Aug 2015 5:59

Tgt Ion:149 Resp: 432

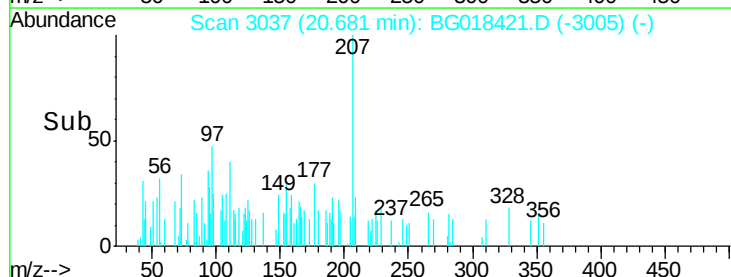
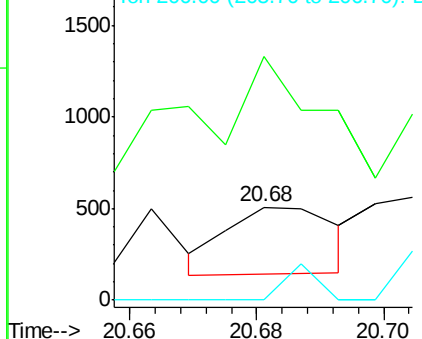
Ion	Ratio	Lower	Upper
149	100		
91	262.8	57.9	86.9#
206	0.0	17.9	26.9#

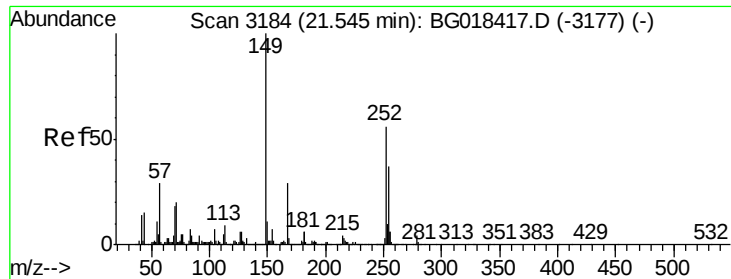


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E

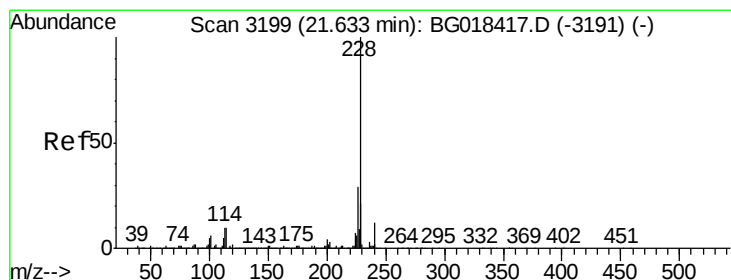
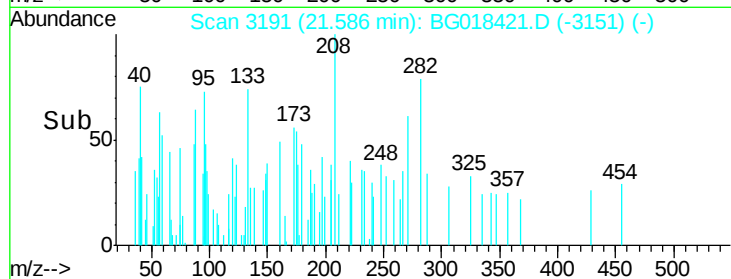
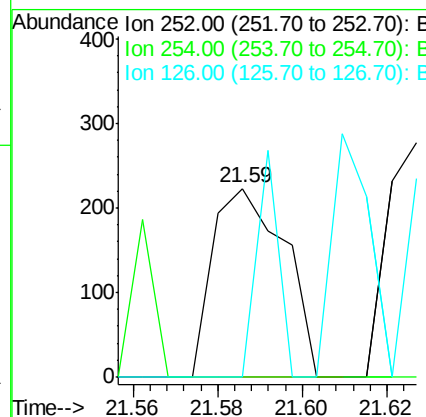
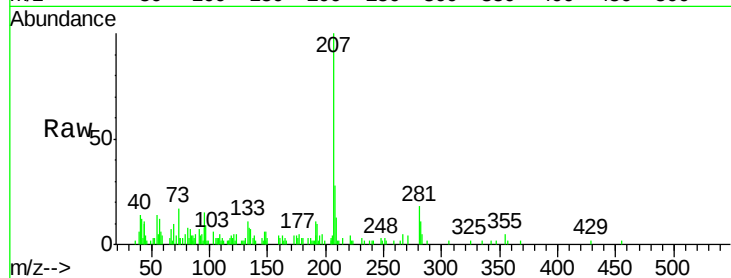




#82
 3,3'-Dichlorobenzidine
 Concen: 0.01 ng/ul
 RT: 21.59 min Scan# 3191
 Delta R.T. 0.04 min
 Lab File: BG018421.D
 Acq: 13 Aug 2015 5:59

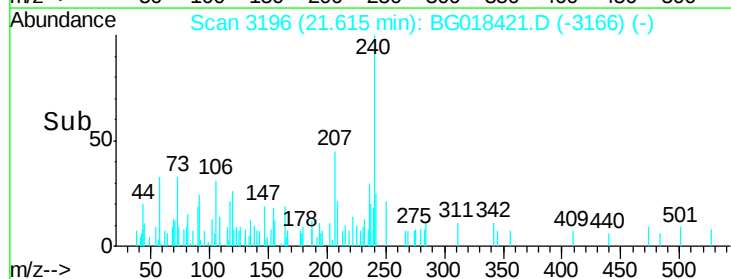
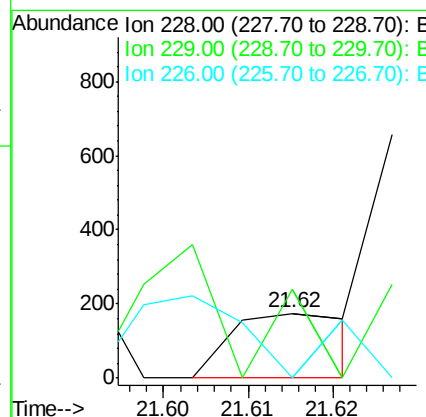
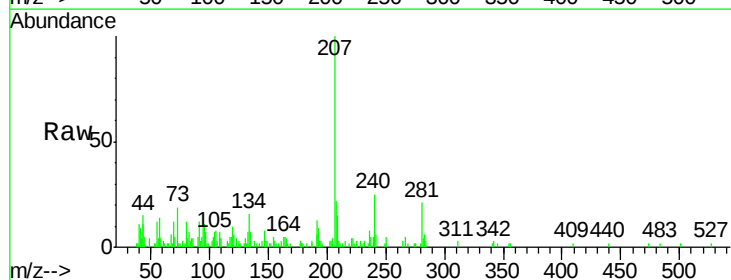
Instrument :
 BNA_G
 ClientSampleId :
 MDL-05-W

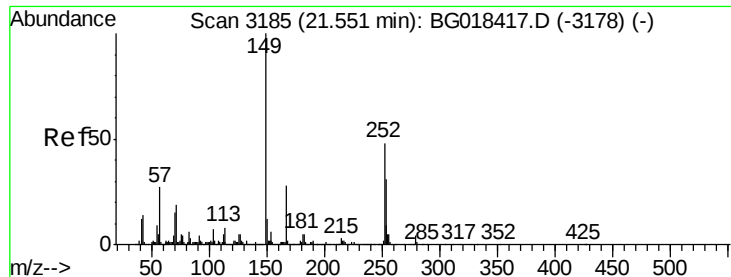
Tgt Ion:252 Resp: 263
 Ion Ratio Lower Upper
 252 100
 254 0.0 50.9 76.3#
 126 0.0 9.6 14.4#



#83
 Benzo(a)anthracene
 Concen: 0.00 ng/ul
 RT: 21.62 min Scan# 3196
 Delta R.T. -0.02 min
 Lab File: BG018421.D
 Acq: 13 Aug 2015 5:59

Tgt Ion:228 Resp: 174
 Ion Ratio Lower Upper
 228 100
 229 137.1 15.5 23.3#
 226 0.0 22.1 33.1#





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.02 ng/ul

RT: 21.55 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BG018421.D

Acq: 13 Aug 2015 5:59

Instrument :

BNA_G

ClientSampleId :

MDL-05-W

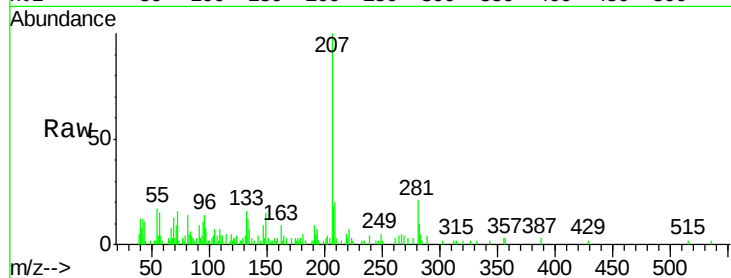
Tgt Ion:149 Resp: 899

Ion Ratio Lower Upper

149 100

167 17.6 22.2 33.2#

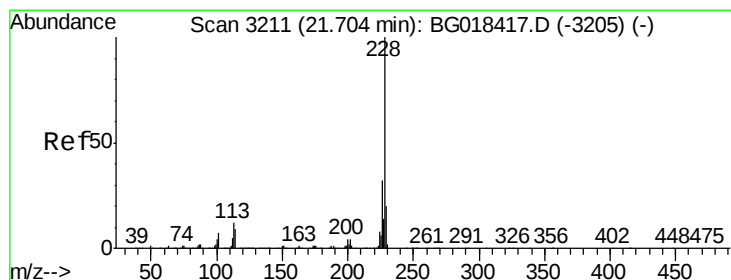
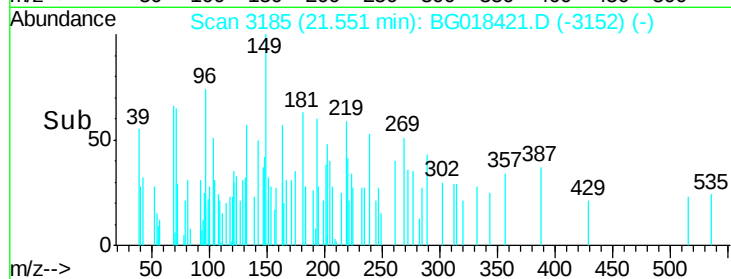
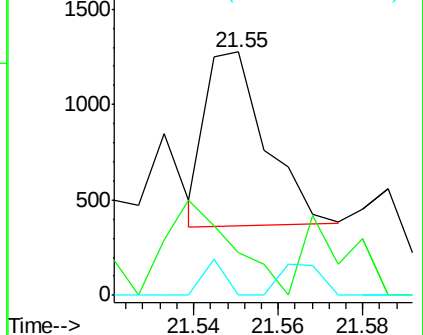
279 0.0 2.8 4.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 0.00 ng/ul

RT: 21.69 min Scan# 3208

Delta R.T. -0.02 min

Lab File: BG018421.D

Acq: 13 Aug 2015 5:59

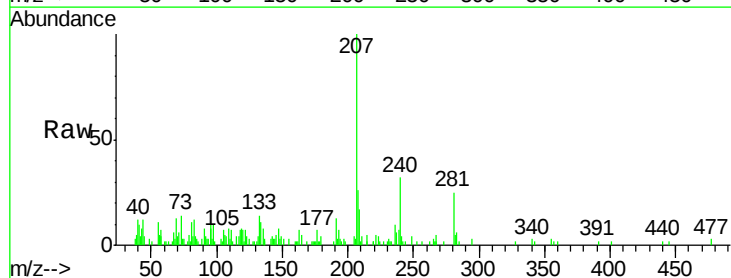
Tgt Ion:228 Resp: 53

Ion Ratio Lower Upper

228 100

226 0.0 26.5 39.7#

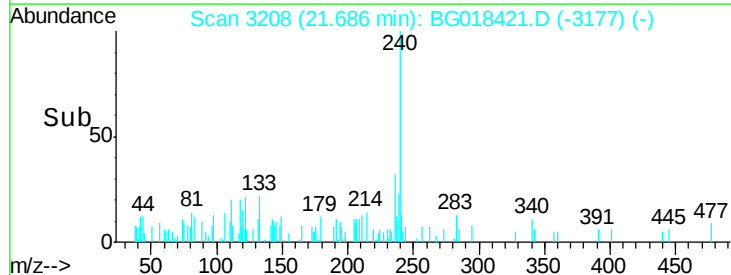
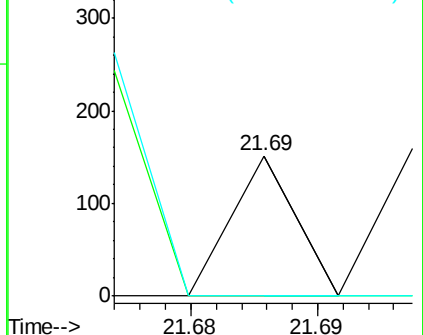
229 0.0 16.9 25.3#

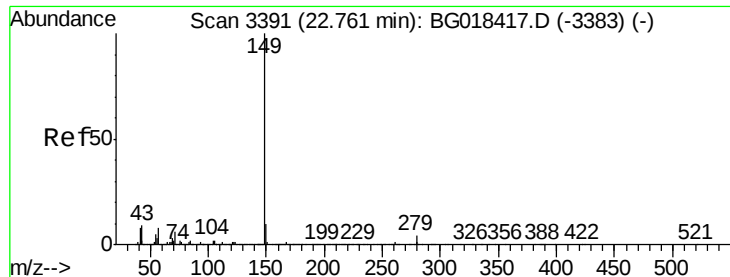


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 0.01 ng/ul

RT: 22.76 min Scan# 3390

Delta R.T. -0.01 min

Lab File: BG018421.D

Acq: 13 Aug 2015 5:59

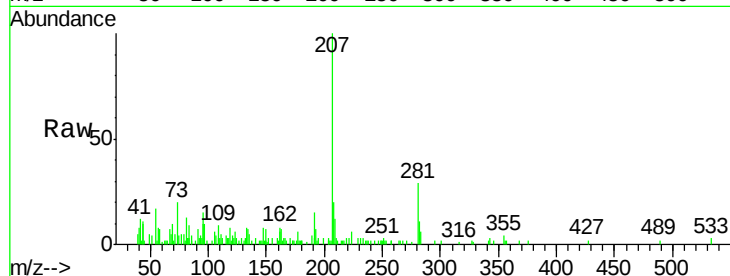
Instrument :

BNA_G

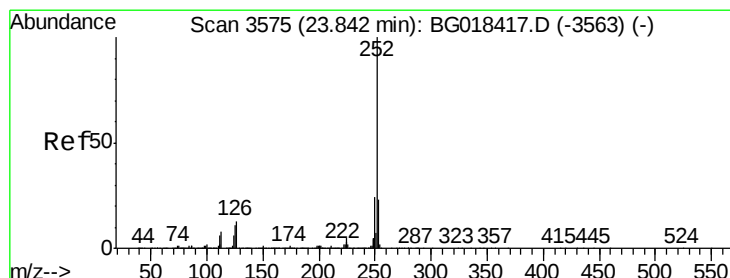
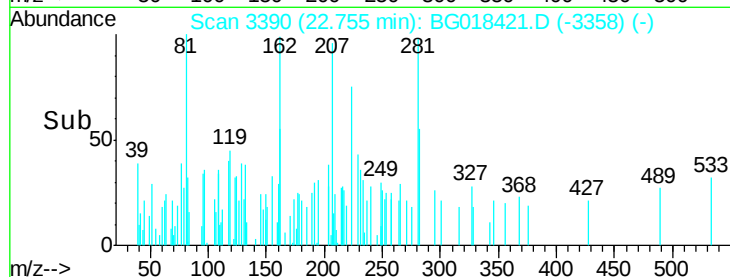
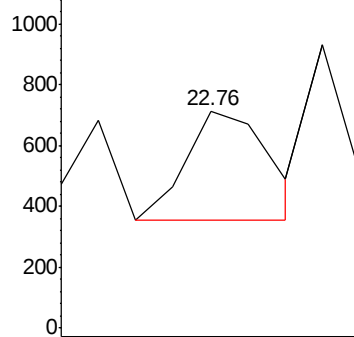
ClientSampleId :

MDL-05-W

Tgt Ion:149 Resp: 324



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 23.79 min Scan# 3566

Delta R.T. -0.06 min

Lab File: BG018421.D

Acq: 13 Aug 2015 5:59

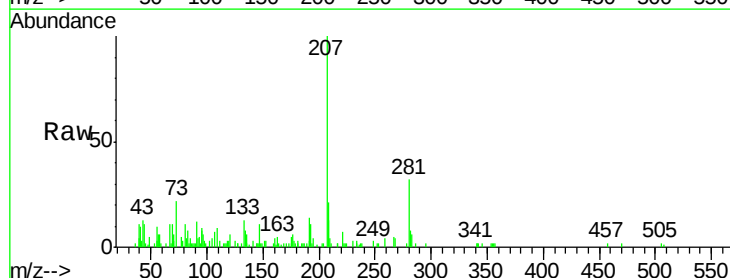
Tgt Ion:252 Resp: 84

Ion Ratio Lower Upper

252 100

253 51.1 18.1 27.1#

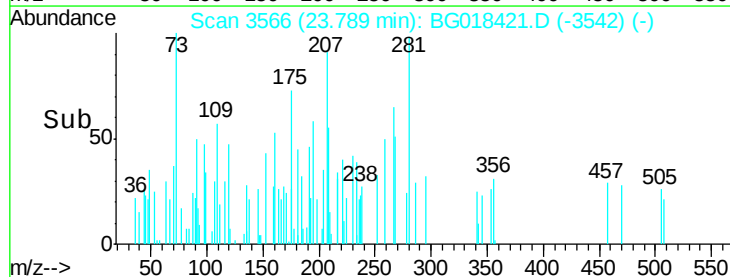
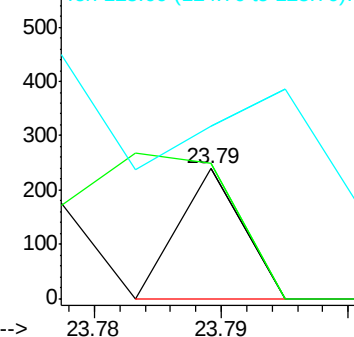
125 64.8 8.3 12.5#

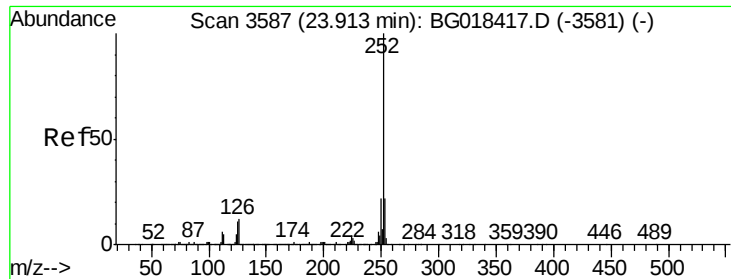


Abundance Ion 252.00 (251.70 to 252.70): E

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: 23.95 min Scan# 3593

Delta R.T. 0.03 min

Lab File: BG018421.D

Acq: 13 Aug 2015 5:59

Instrument :

BNA_G

ClientSampleId :

MDL-05-W

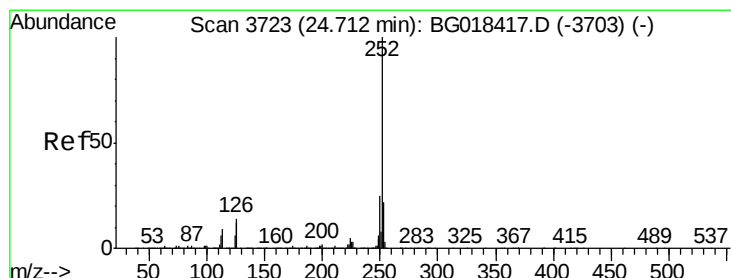
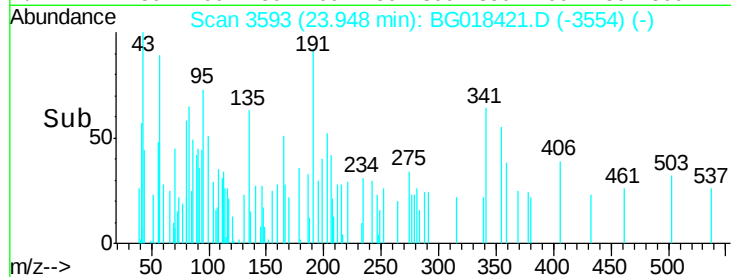
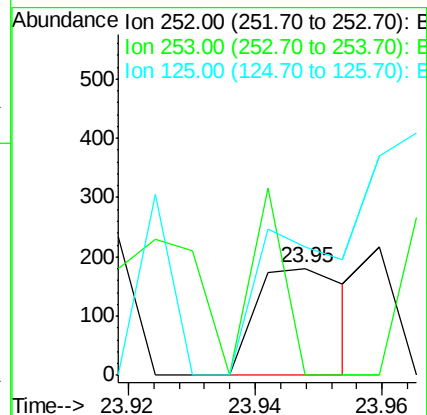
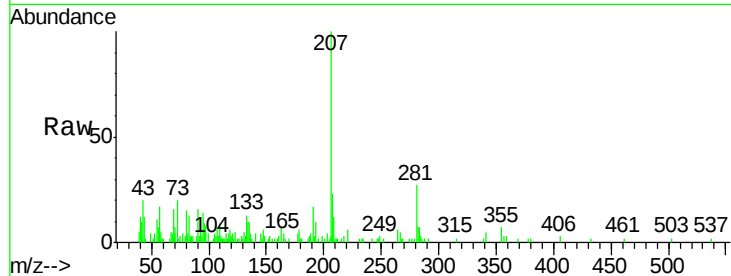
Tgt Ion:252 Resp: 179

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.6#

125 119.9 9.0 13.4#



#91

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 24.69 min Scan# 3720

Delta R.T. -0.02 min

Lab File: BG018421.D

Acq: 13 Aug 2015 5:59

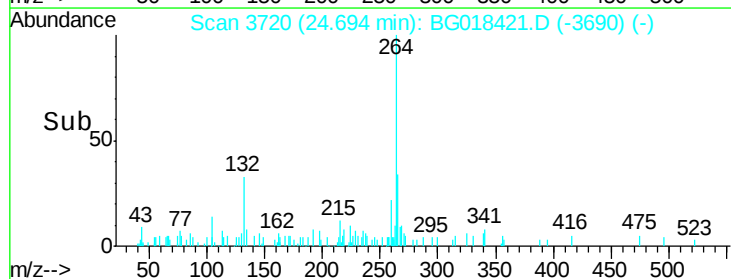
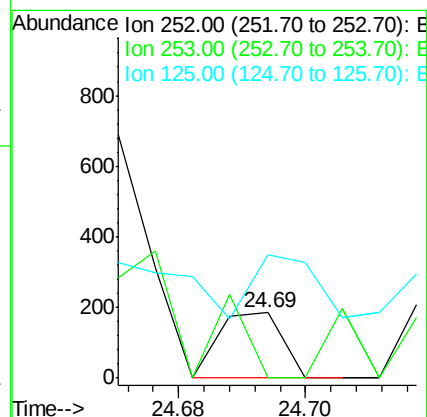
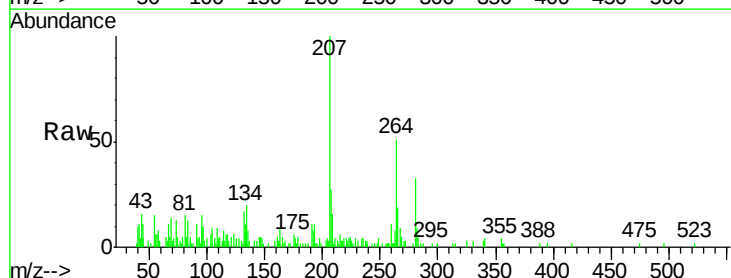
Tgt Ion:252 Resp: 127

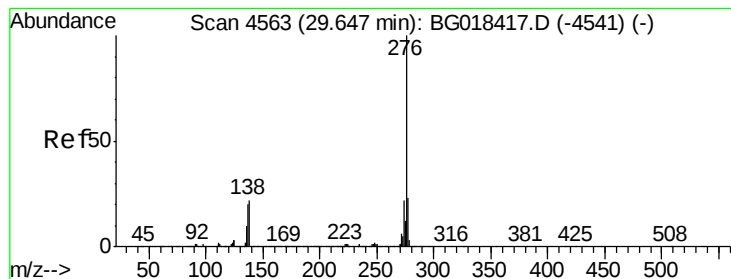
Ion Ratio Lower Upper

252 100

253 0.0 17.7 26.5#

125 189.2 10.2 15.2#





#94

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 29.67 min Scan# 4567

Delta R.T. -0.00 min

Lab File: BG018421.D

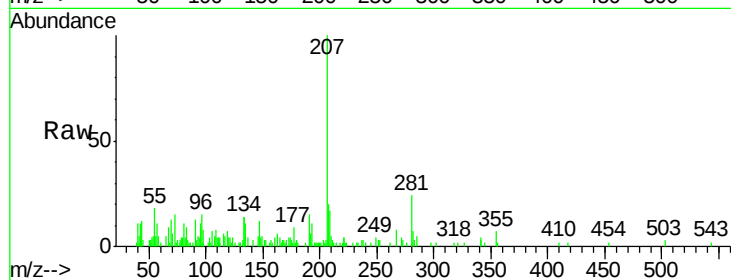
Acq: 13 Aug 2015 5:59

Instrument :

BNA_G

ClientSampleId :

MDL-05-W



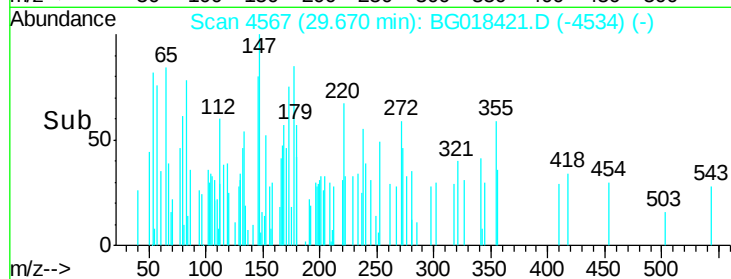
Tgt Ion: 276 Resp: 122

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

600

500

400

300

200

100

0

29.66

29.67

29.68

Time-->