

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081215\
 Data File : BG018410.D
 Acq On : 12 Aug 2015 23:00
 Operator : UM/MA
 Sample : MDL-02-S-ML
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S-ML

Quant Time: Aug 13 04:12:45 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 04:07:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	93981	20.00	ng/ul	0.00
18) Naphthalene-d8	10.83	136	442203	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.65	164	279455	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	674257	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	671432	20.00	ng/ul	-0.01
86) Perylene-d12	24.86	264	665927	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	10493	4.93	ng/uL	0.00
5) Phenol-d5	7.18	99	208501	24.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	129522	24.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	158085	24.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	172832	24.12	ng/ul	0.00
19) Nitrobenzene-d5	9.18	128	83337	24.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	96312	27.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.45	165	181252	24.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.96	131	256049	30.41	ng/ul	0.00
44) Dimethylphthalate-d6	14.05	166	599934	25.52	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	745643	25.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	109727	25.94	ng/ul	0.00
58) Fluorene-d10	15.64	176	530748	25.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	71882	21.67	ng/ul	0.00
71) Anthracene-d10	17.49	188	847145	26.27	ng/ul	0.00
79) Pyrene-d10	19.77	212	914587	26.25	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.64	264	938483	26.55	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	323	0.14	ng/uL#	1
4) Benzaldehyde	7.14	77	360	0.07	ng/ul#	1
6) Phenol	7.20	94	110	0.01	ng/ul#	1
8) Bis(2-Chloroethyl)ether	7.43	93	787	0.12	ng/ul#	61
10) 2-Chlorophenol	7.59	128	172	0.03	ng/ul#	33
12) 2,2'-oxybis(1-Chloropropan	8.58	45	187	0.02	ng/ul#	43
14) Acetophenone	8.80	105	125	0.01	ng/ul#	7
15) N-Nitroso-di-n-propylamine	8.81	70	112	0.02	ng/ul#	1
17) Hexachloroethane	9.06	117	60	0.02	ng/ul#	10
20) Nitrobenzene	9.22	77	72	0.01	ng/ul#	42
21) Isophorone	9.73	82	293	0.02	ng/ul#	3
23) 2-Nitrophenol	9.91	139	62	0.02	ng/ul#	1
24) 2,4-Dimethylphenol	10.04	107	173	0.02	ng/ul#	12
25) Bis(2-Chloroethoxy)methane	10.20	93	152	0.01	ng/ul#	50
27) 2,4-Dichlorophenol	10.43	162	180	0.03	ng/ul#	1
28) Naphthalene	10.96	128	395	0.02	ng/ul#	1
30) 4-Chloroaniline	10.96	127	110	0.01	ng/ul#	1
32) Caprolactam	11.58	113	91	0.03	ng/ul#	51
33) 4-Chloro-3-methylphenol	12.13	107	117	0.01	ng/ul#	18
35) 1-Methylnaphthalene	12.70	142	36790	2.23	ng/ul#	98
40) 2,4,5-Trichlorophenol	13.15	196	150	0.02	ng/ul#	13
43) 2-Nitroaniline	13.75	65	161	0.03	ng/ul#	9
45) Dimethylphthalate	14.05	163	850	0.04	ng/ul#	1

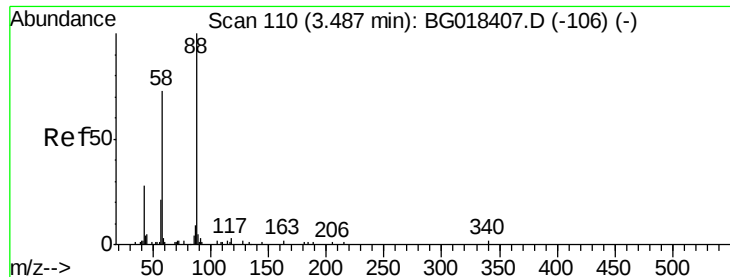
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081215\
 Data File : BG018410.D
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 Operator : UM/MA
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 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2,6-Dinitrotoluene	14.07	165	500	0.11	ng/ul#	36
48) Acenaphthylene	14.32	152	62	0.00	ng/ul#	61
53) 4-Nitrophenol	14.84	109	224	0.06	ng/ul#	1
55) 2,4-Dinitrotoluene	14.90	165	181	0.03	ng/ul#	34
57) Diethylphthalate	15.45	149	63	0.00	ng/ul#	1
59) Fluorene	15.66	166	130	0.01	ng/ul#	2
61) 4-Nitroaniline	15.73	138	60	0.01	ng/ul#	1
64) 4,6-Dinitro-2-methylphenol	15.74	198	210	0.06	ng/ul#	1
65) N-Nitrosodiphenylamine	15.76	169	543	0.03	ng/ul#	35
70) Phenanthrene	17.40	178	326	0.01	ng/ul#	58
72) Anthracene	17.53	178	86	0.00	ng/ul#	59
74) Pentachlorobenzene	15.01	250	212	0.02	ng/ul#	21
75) Carbazole	17.71	167	65	0.00	ng/ul#	57
76) Di-n-butylphthalate	18.35	149	670	0.02	ng/ul#	38
77) Fluoranthene	19.44	202	224	0.01	ng/ul#	71
80) Pyrene	19.77	202	1886	0.04	ng/ul#	1
81) Butylbenzylphthalate	20.69	149	278	0.01	ng/ul#	29
82) 3,3'-Dichlorobenzidine	21.57	252	61	0.00	ng/ul#	1
83) Benzo(a)anthracene	21.63	228	289	0.01	ng/ul#	47
84) Bis(2-ethylhexyl)phthalate	21.55	149	1209	0.04	ng/ul#	75
85) Chrysene	21.70	228	94	0.00	ng/ul#	29
87) Di-n-octyl phthalate	22.76	149	302	0.01	ng/ul	100
88) Benzo(b)fluoranthene	23.83	252	202	0.00	ng/ul#	2
89) Benzo(k)fluoranthene	23.91	252	251	0.01	ng/ul#	1
91) Benzo(a)pyrene	24.71	252	311	0.01	ng/ul#	1
92) Indeno(1,2,3-cd)pyrene	28.53	276	190	0.00	ng/ul#	1
93) Dibenzo(a,h)anthracene	28.57	278	129	0.00	ng/ul#	1
94) Benzo(g,h,i)perylene	29.64	276	238	0.01	ng/ul#	1

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



#2

1,4-Dioxane

Concen: 0.14 ng/uL

RT: 3.49 min Scan# 111

Delta R.T. 0.00 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

Instrument :

BNA_M

ClientSampleId :

MDL-02-S-ML

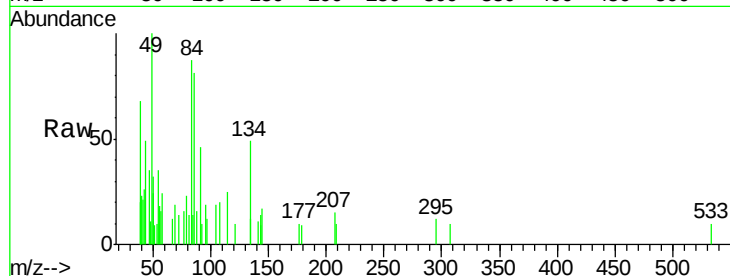
Tgt Ion: 88 Resp: 323

Ion Ratio Lower Upper

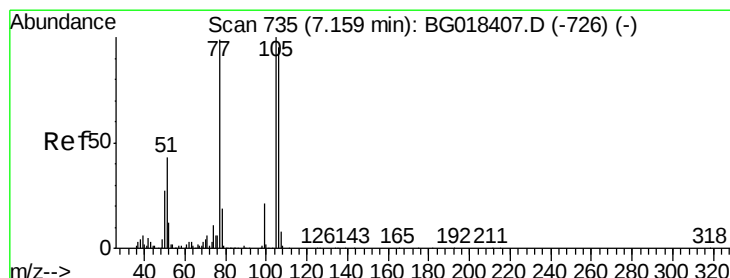
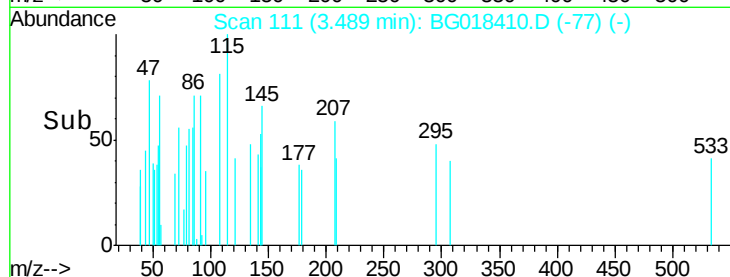
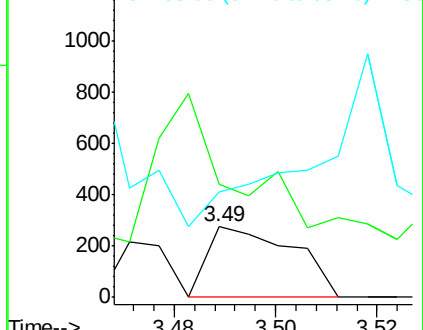
88 100

43 160.6 33.0 49.4#

58 149.3 73.4 110.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 43.00 (42.70 to 43.70): BGC
Ion 58.00 (57.70 to 58.70): BGC



#4

Benzaldehyde

Concen: 0.07 ng/uL

RT: 7.14 min Scan# 733

Delta R.T. -0.02 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

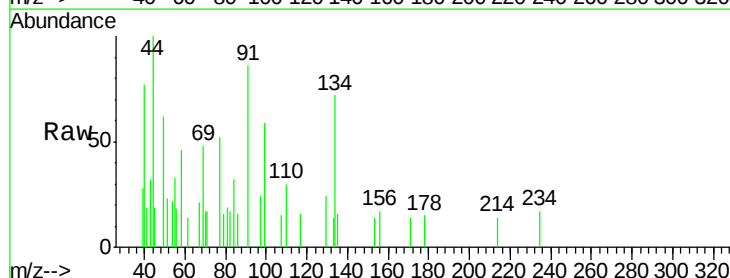
Tgt Ion: 77 Resp: 360

Ion Ratio Lower Upper

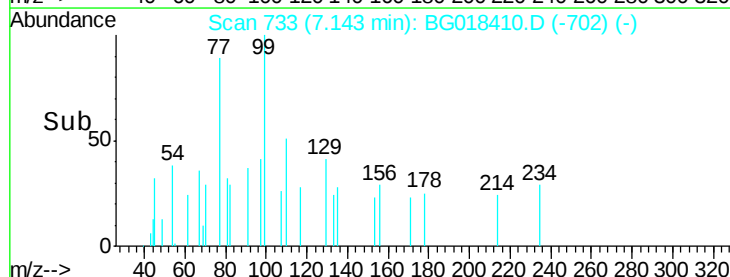
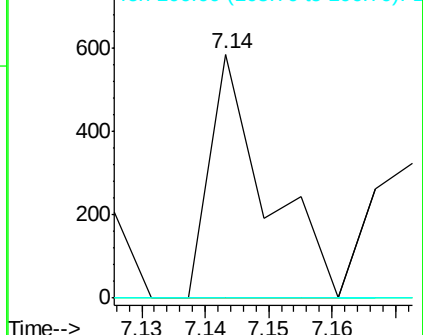
77 100

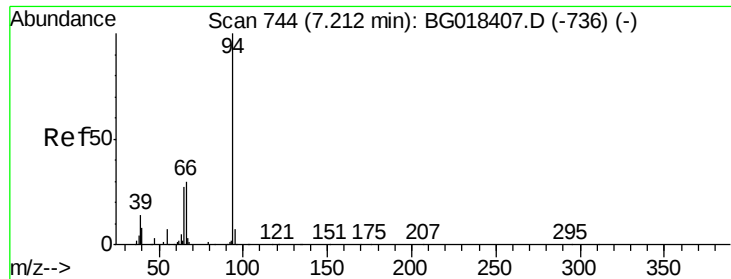
105 0.0 78.2 117.2#

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: 7.20 min Scan# 742

Delta R.T. -0.02 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

Instrument :

BNA_M

ClientSampleId :

MDL-02-S-ML

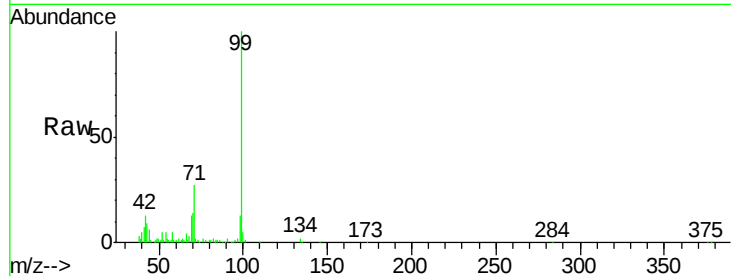
Tgt Ion: 94 Resp: 110

Ion Ratio Lower Upper

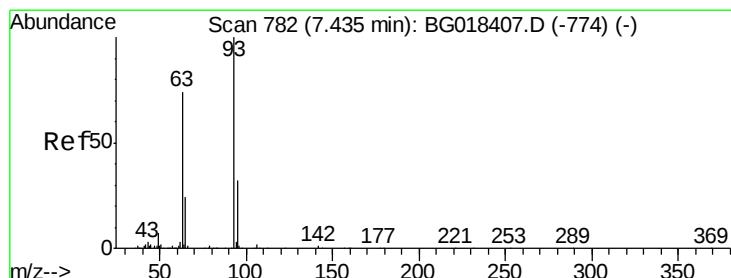
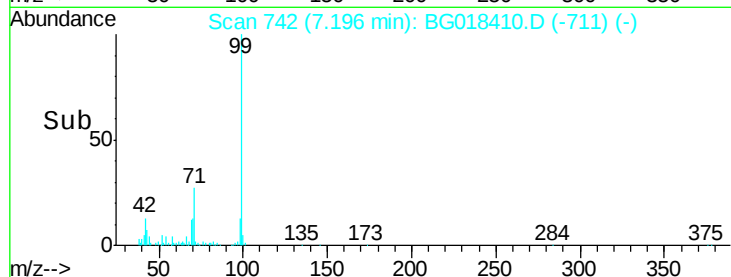
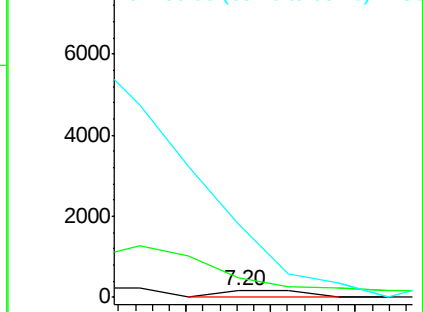
94 100

65 296.9 23.0 34.6#

66 1129.6 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: 0.12 ng/ul

RT: 7.43 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

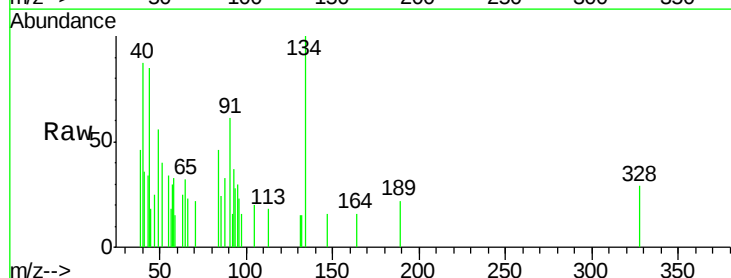
Tgt Ion: 93 Resp: 787

Ion Ratio Lower Upper

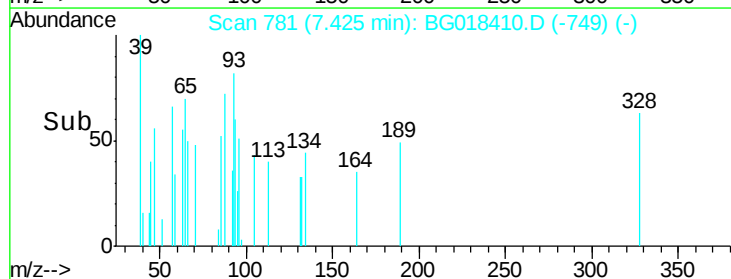
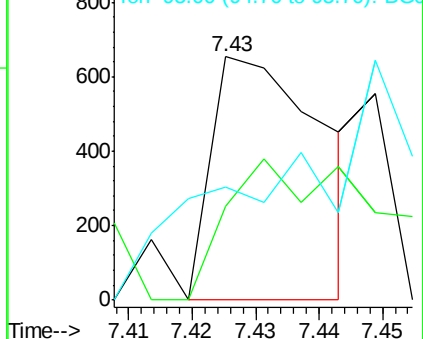
93 100

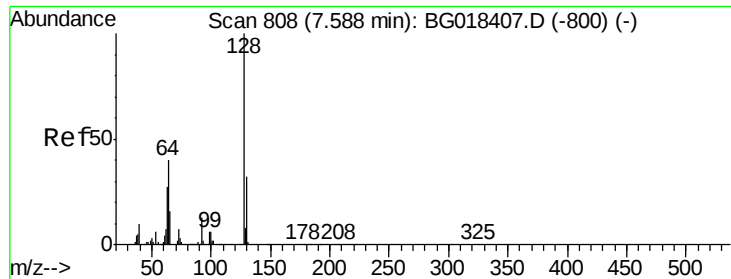
63 38.5 61.4 92.2#

95 46.5 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

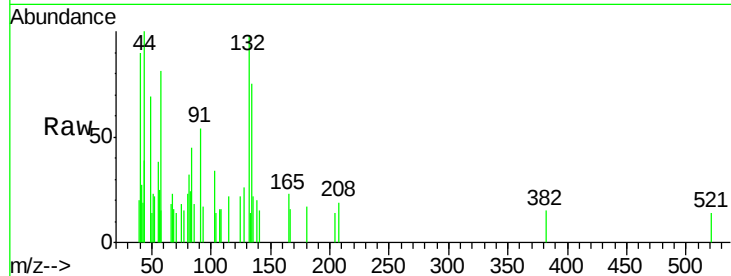




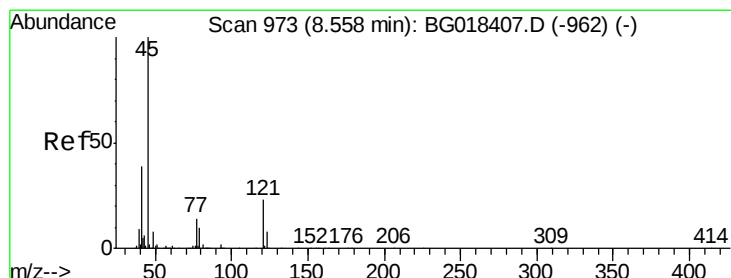
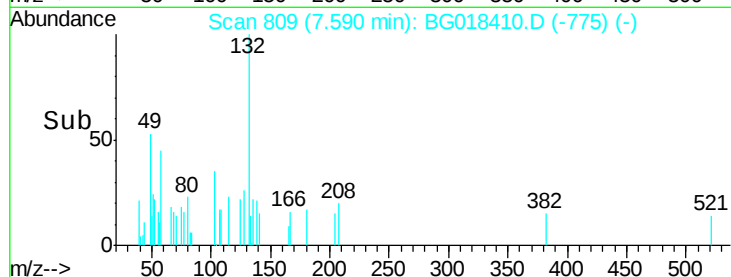
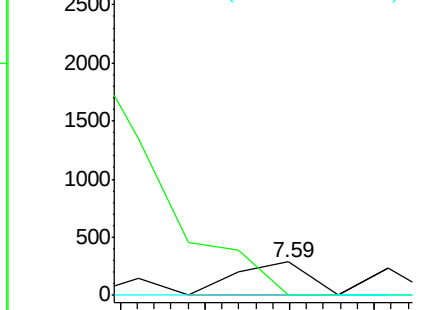
#10
2-Chlorophenol
Concen: 0.03 ng/ul
RT: 7.59 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG018410.D
Acq: 12 Aug 2015 23:00

Instrument :
BNA_M
ClientSampled :
MDL-02-S-ML

Tgt Ion:128 Resp: 172
Ion Ratio Lower Upper
128 100
64 0.0 40.9 61.3#
130 0.0 24.5 36.7#

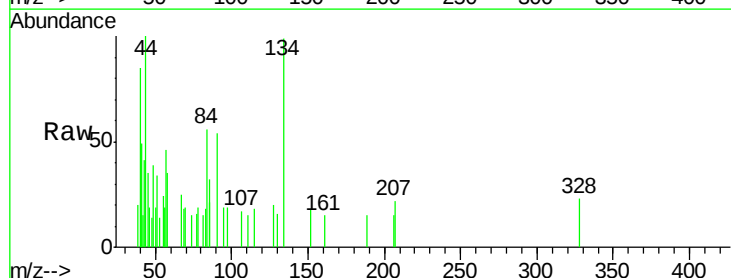


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 130.00 (129.70 to 130.70): E

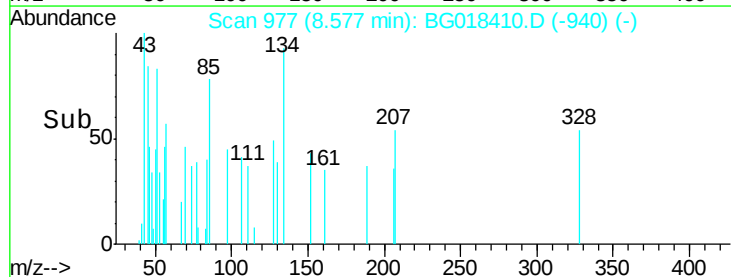
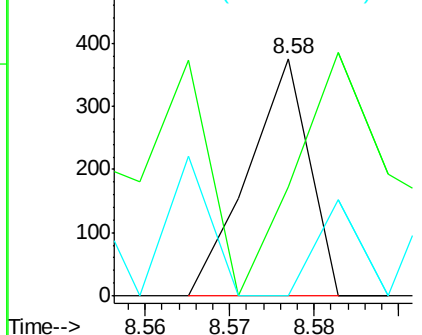


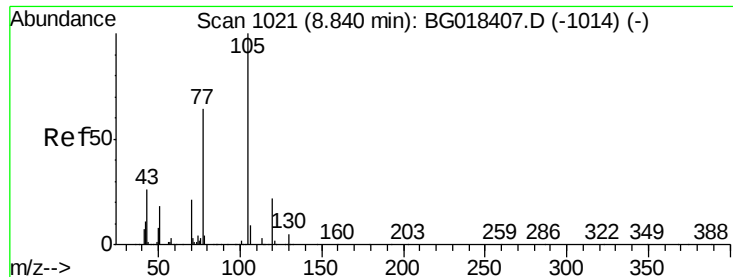
#12
2,2'-oxybis(1-Chloropropane)
Concen: 0.02 ng/ul
RT: 8.58 min Scan# 977
Delta R.T. 0.02 min
Lab File: BG018410.D
Acq: 12 Aug 2015 23:00

Tgt Ion: 45 Resp: 187
Ion Ratio Lower Upper
45 100
77 46.1 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: 0.01 ng/ul

RT: 8.80 min Scan# 1015

Delta R.T. -0.04 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

Instrument :

BNA_M

ClientSampleId :

MDL-02-S-ML

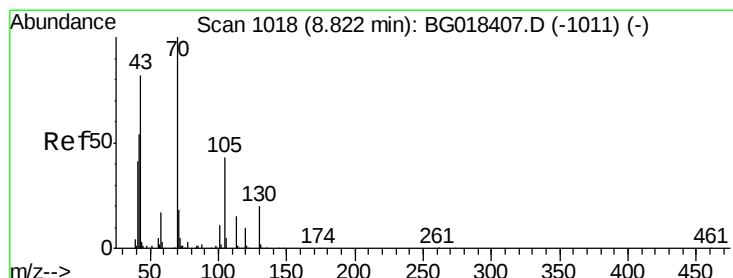
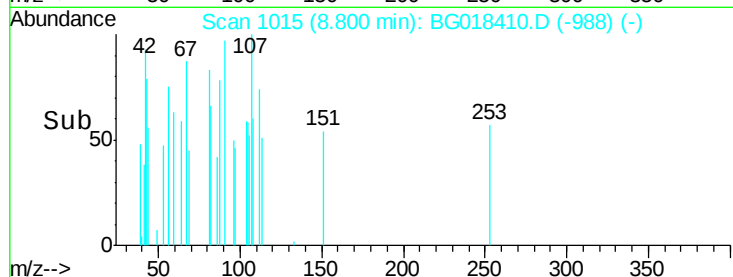
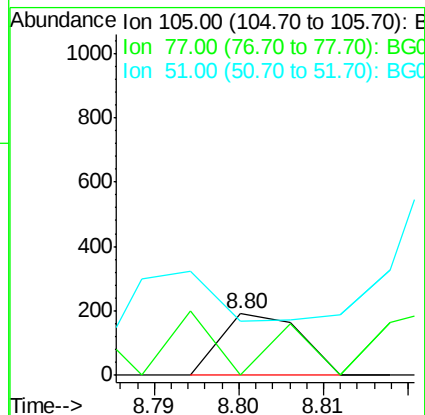
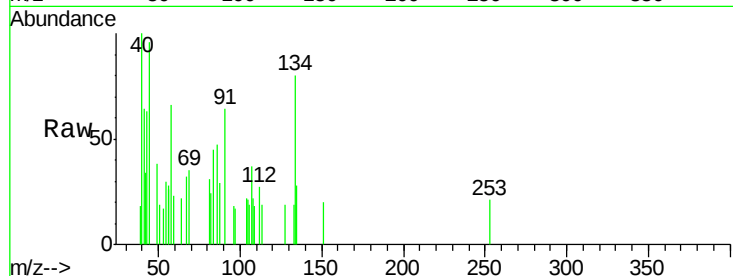
Tgt Ion: 105 Resp: 125

Ion Ratio Lower Upper

105 100

77 0.0 61.9 92.9#

51 88.4 25.5 38.3#



#15

N-Nitroso-di-n-propylamine

Concen: 0.02 ng/ul

RT: 8.81 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

Tgt Ion: 70 Resp: 112

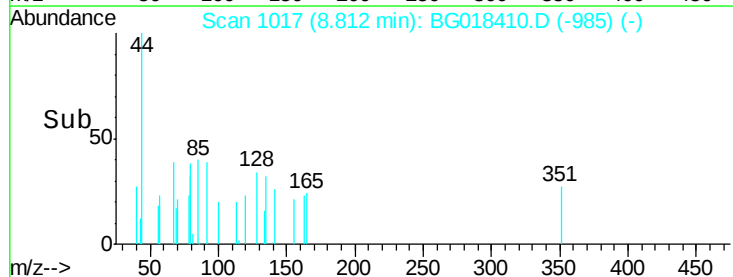
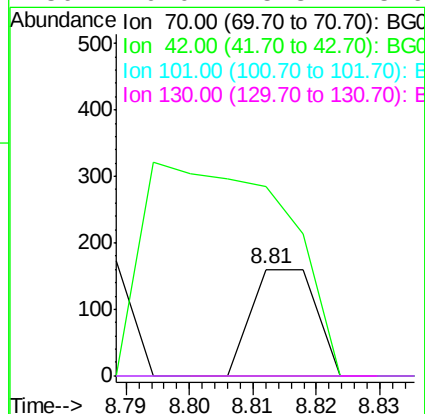
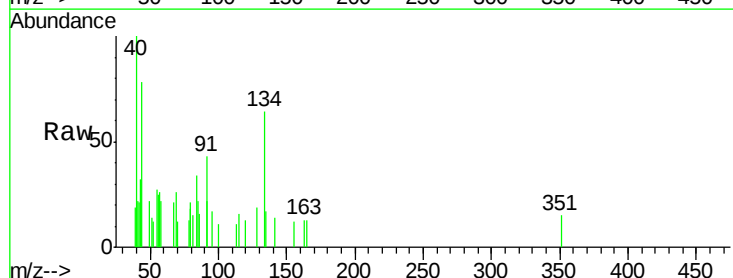
Ion Ratio Lower Upper

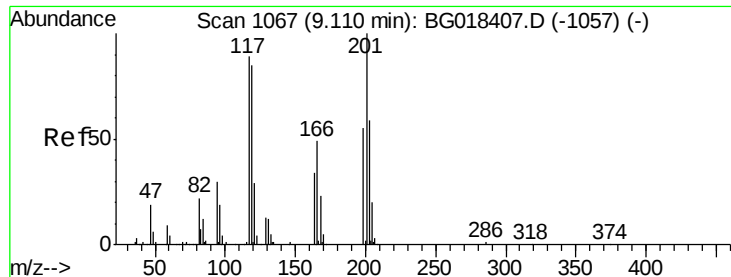
70 100

42 178.1 50.7 76.1#

101 0.0 7.4 11.2#

130 0.0 15.8 23.6#





#17

Hexachloroethane

Concen: 0.02 ng/ul

RT: 9.06 min Scan# 1059

Delta R.T. -0.05 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

Instrument :

BNA_M

ClientSampleId :

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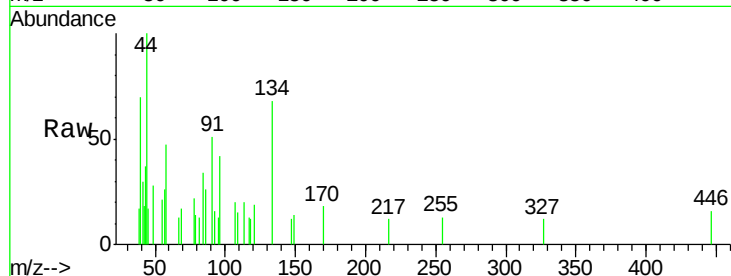
Tgt Ion:117 Resp: 60

Ion Ratio Lower Upper

117 100

201 0.0 73.6 110.4#

199 0.0 48.6 72.8#



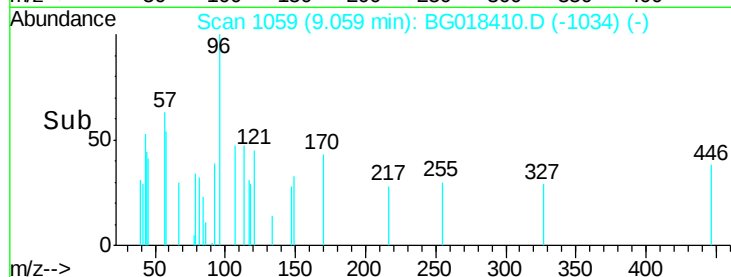
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

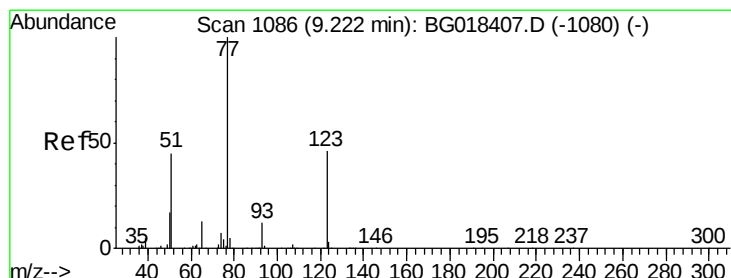
Time-->

9.05 9.05 9.06 9.06



Time-->

9.05 9.05 9.06 9.06



#20

Nitrobenzene

Concen: 0.01 ng/ul

RT: 9.22 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

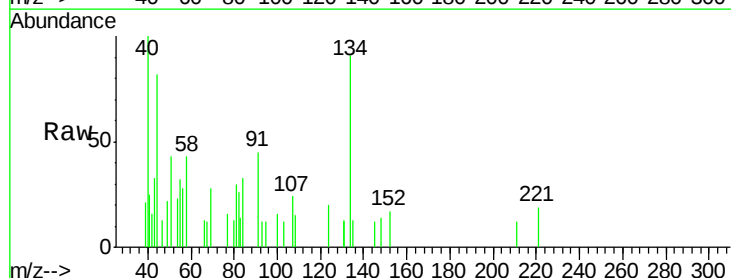
Tgt Ion: 77 Resp: 72

Ion Ratio Lower Upper

77 100

123 0.0 32.8 49.2#

65 0.0 12.2 18.2#



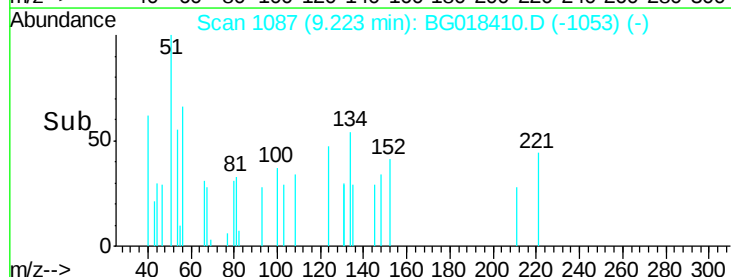
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC

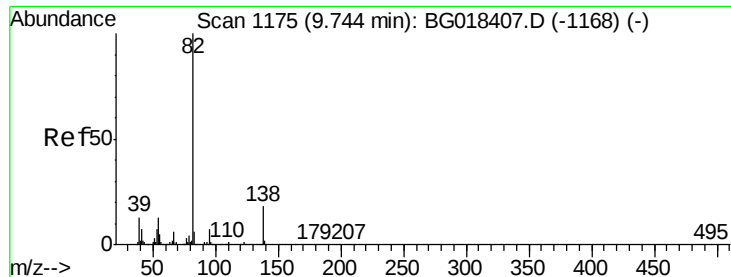
Time-->

9.21 9.22 9.22 9.23



Time-->

9.21 9.22 9.22 9.23



#21

Isophorone

Concen: 0.02 ng/ul

RT: 9.73 min Scan# 1173

Delta R.T. -0.02 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

Instrument :

BNA_M

ClientSampleId :

MDL-02-S-ML

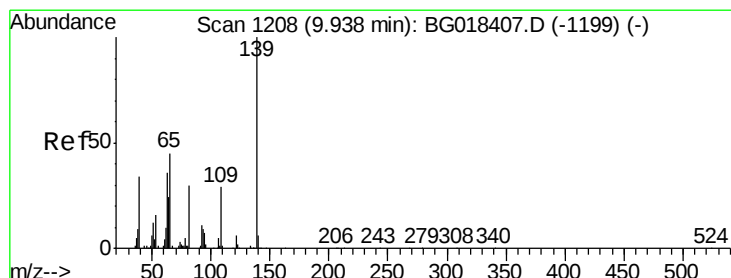
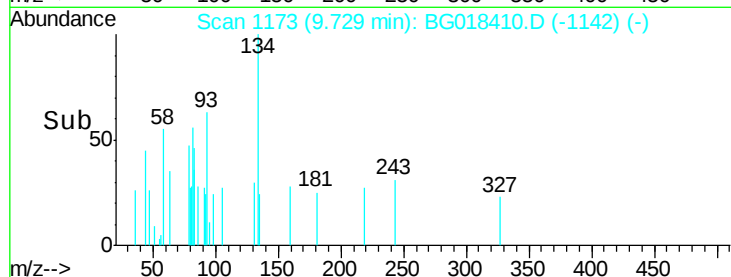
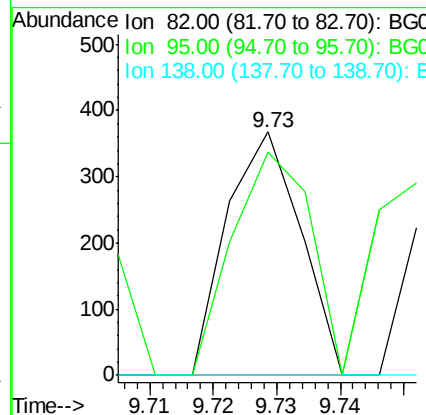
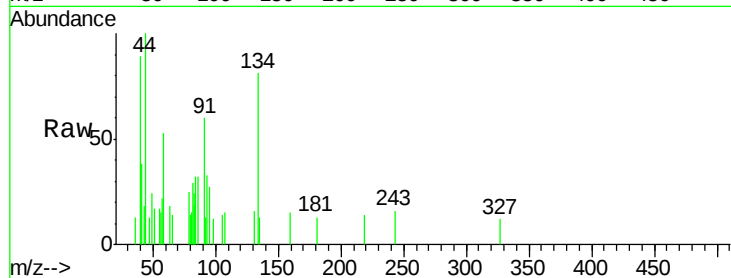
Tgt Ion: 82 Resp: 293

Ion Ratio Lower Upper

82 100

95 91.8 5.2 7.8#

138 0.0 13.8 20.8#



#23

2-Nitrophenol

Concen: 0.02 ng/ul

RT: 9.91 min Scan# 1204

Delta R.T. -0.03 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

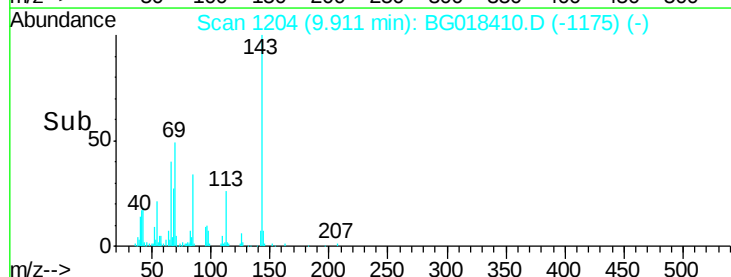
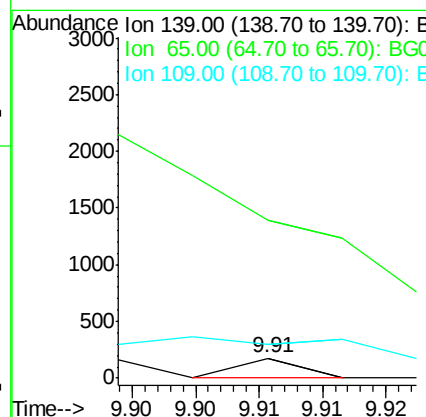
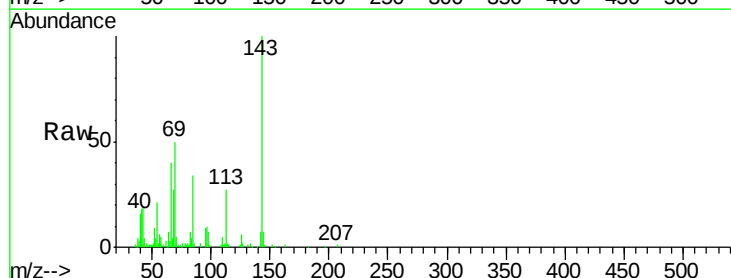
Tgt Ion: 139 Resp: 62

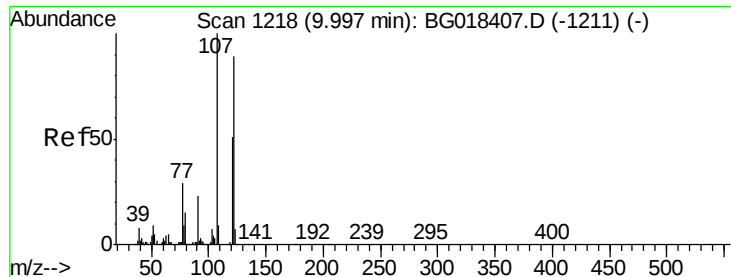
Ion Ratio Lower Upper

139 100

65 788.6 45.6 68.4#

109 167.0 25.4 38.2#





#24

2,4-Dimethylphenol

Concen: 0.02 ng/ul

RT: 10.04 min Scan# 1226

Delta R.T. 0.04 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

Instrument :

BNA_M

ClientSampled :

MDL-02-S-ML

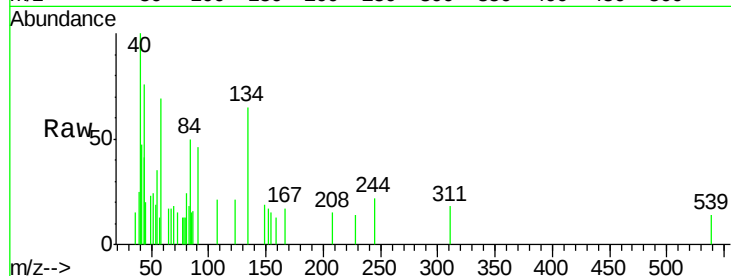
Tgt Ion: 107 Resp: 173

Ion Ratio Lower Upper

107 100

121 0.0 41.3 61.9#

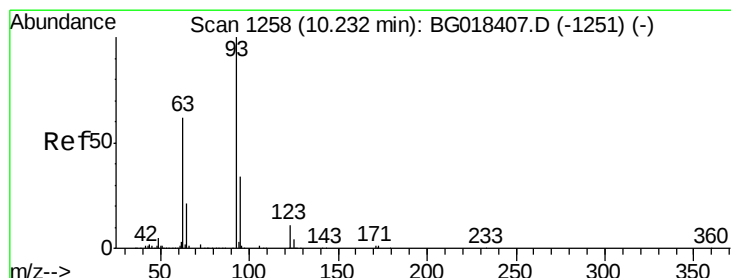
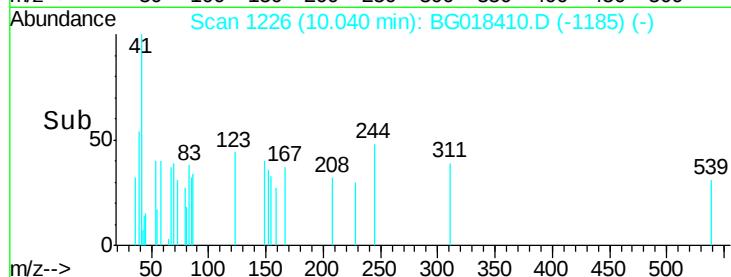
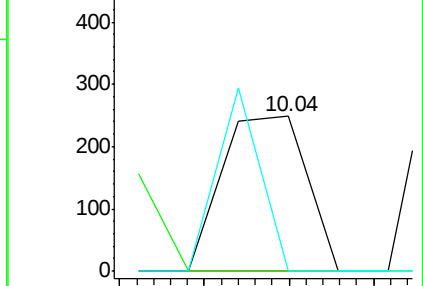
122 0.0 71.9 107.9#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 0.01 ng/ul

RT: 10.20 min Scan# 1254

Delta R.T. -0.03 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

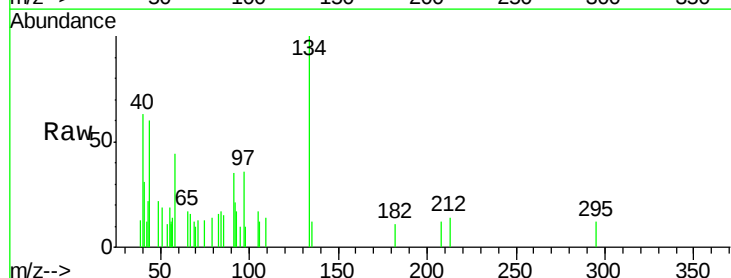
Tgt Ion: 93 Resp: 152

Ion Ratio Lower Upper

93 100

95 61.2 24.1 36.1#

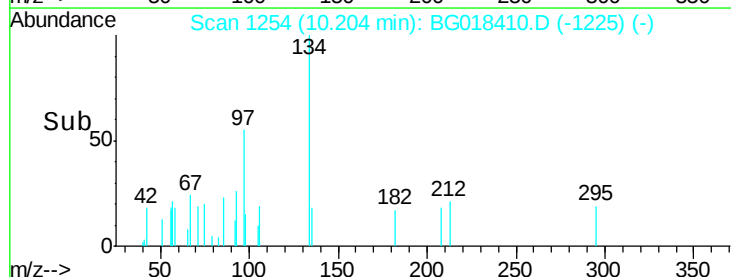
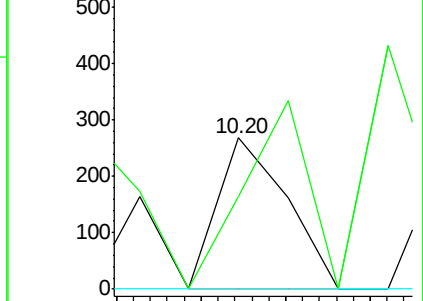
123 0.0 8.9 13.3#

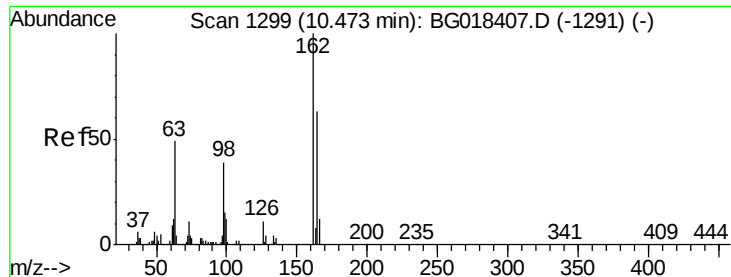


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

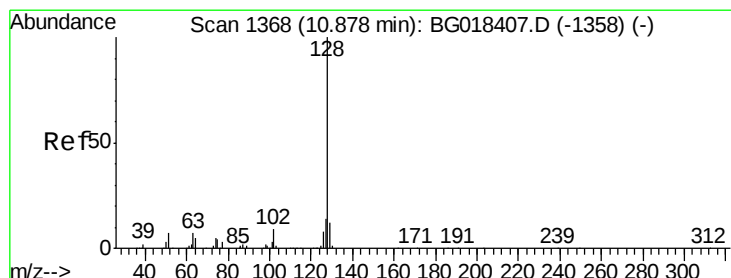
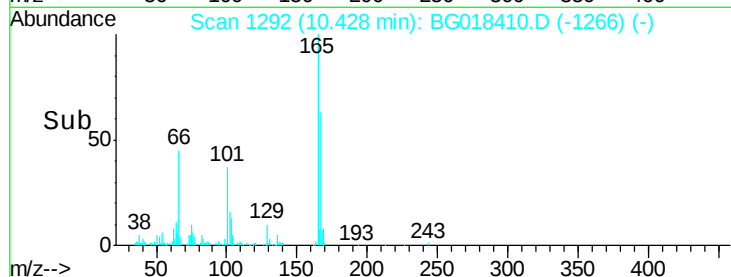
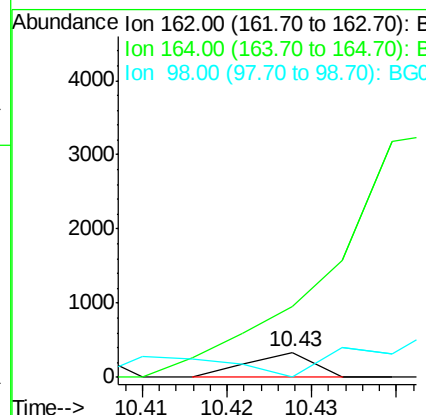
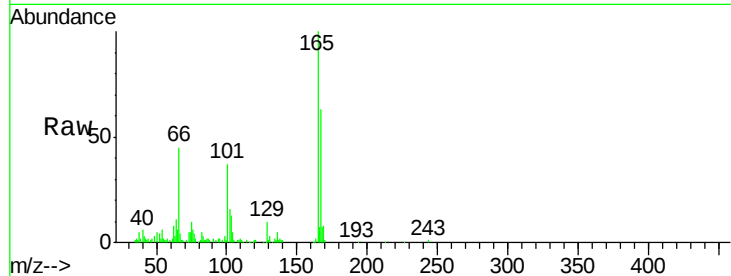




#27
2,4-Dichlorophenol
Concen: 0.03 ng/ul
RT: 10.43 min Scan# 1292
Delta R.T. -0.05 min
Lab File: BG018410.D
Acq: 12 Aug 2015 23:00

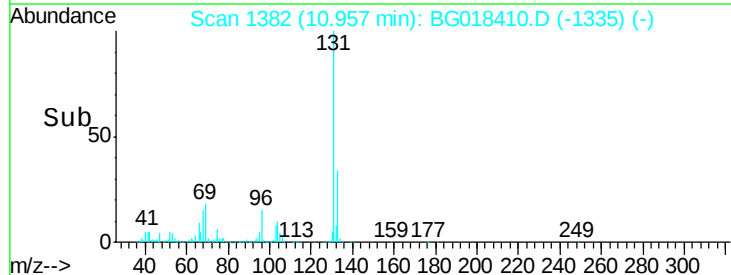
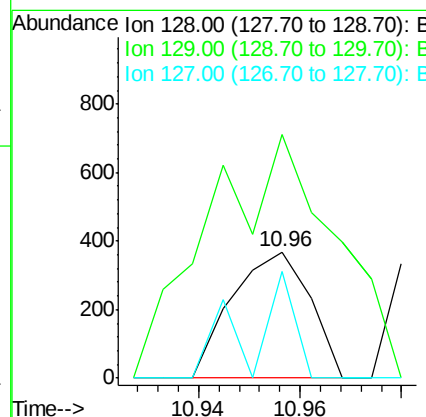
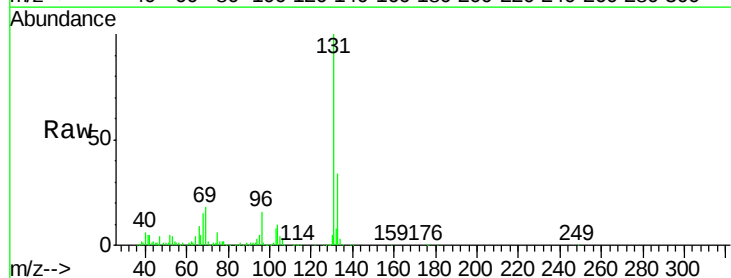
Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

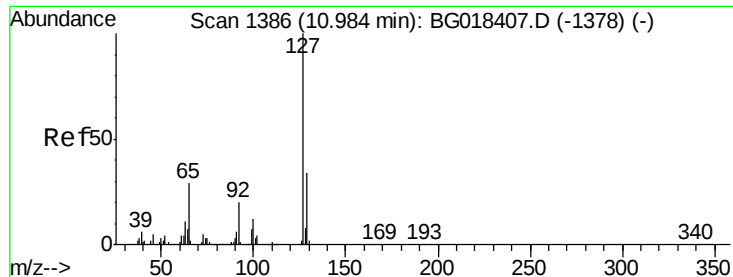
Tgt Ion:162 Resp: 180
Ion Ratio Lower Upper
162 100
164 278.7 51.7 77.5#
98 0.0 30.4 45.6#



#28
Naphthalene
Concen: 0.02 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. 0.08 min
Lab File: BG018410.D
Acq: 12 Aug 2015 23:00

Tgt Ion:128 Resp: 395
Ion Ratio Lower Upper
128 100
129 193.2 9.6 14.4#
127 85.1 10.5 15.7#

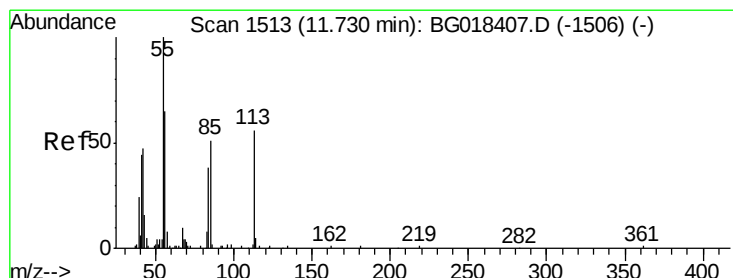
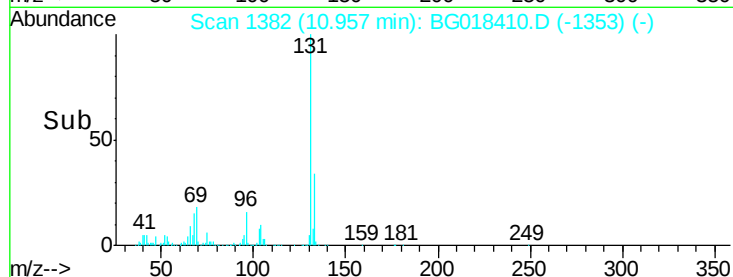
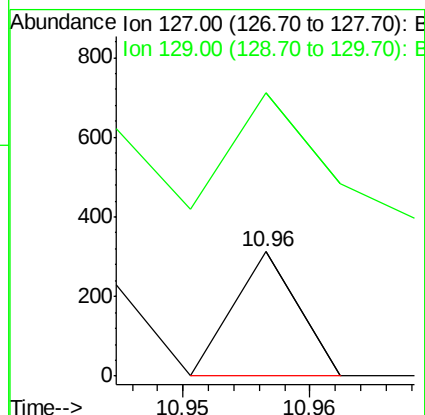
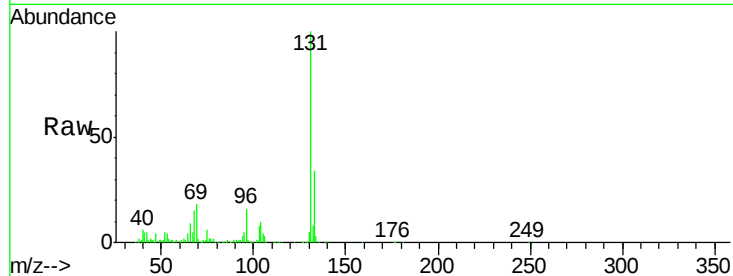




#30
4-Chloroaniline
Concen: 0.01 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. -0.03 min
Lab File: BG018410.D
Acq: 12 Aug 2015 23:00

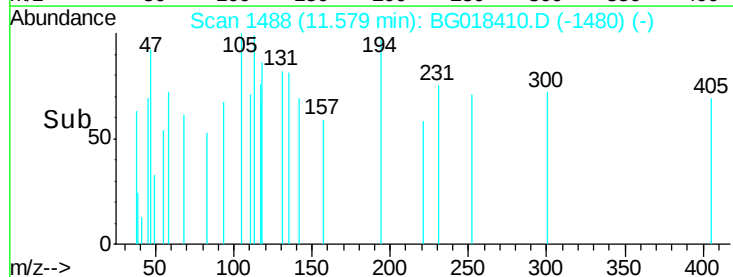
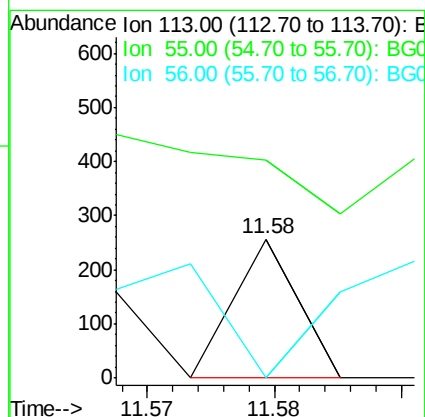
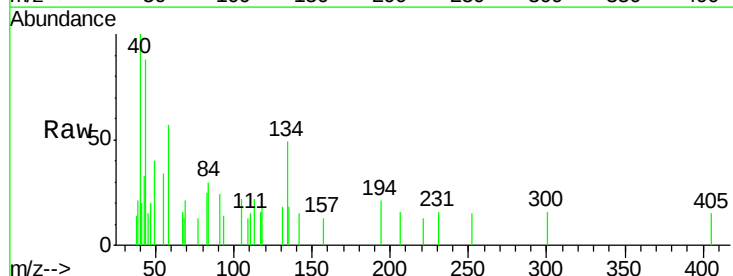
Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

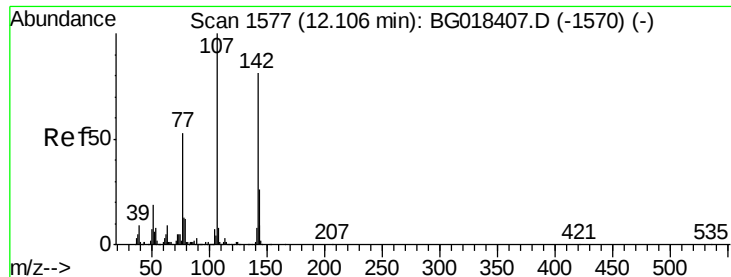
Tgt Ion:127 Resp: 110
Ion Ratio Lower Upper
127 100
129 227.2 26.7 40.1#



#32
Caprolactam
Concen: 0.03 ng/ul
RT: 11.58 min Scan# 1488
Delta R.T. -0.15 min
Lab File: BG018410.D
Acq: 12 Aug 2015 23:00

Tgt Ion:113 Resp: 91
Ion Ratio Lower Upper
113 100
55 156.4 124.2 186.4
56 0.0 98.2 147.4#





#33

4-Chloro-3-methylphenol

Concen: 0.01 ng/ul

RT: 12.13 min Scan# 1581

Delta R.T. 0.02 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

Instrument :

BNA_M

ClientSampleId :

MDL-02-S-ML

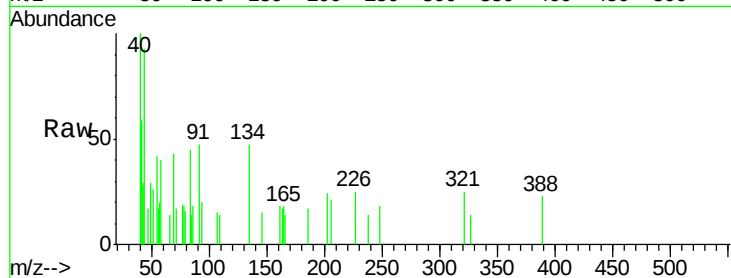
Tgt Ion:107 Resp: 117

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

400

300

200

100

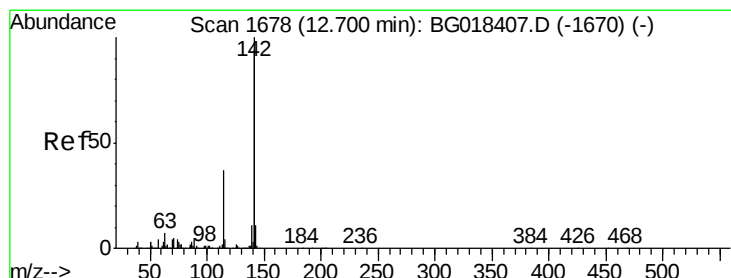
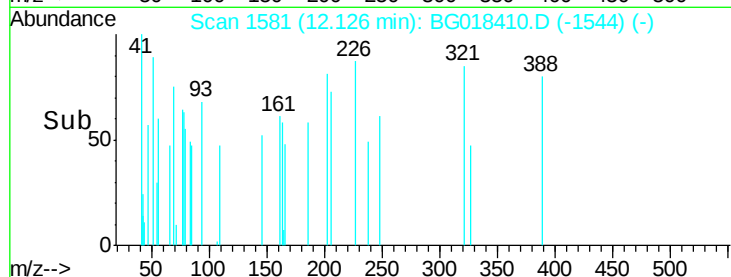
0

12.12

12.13

12.14

Time-->



#35

1-Methylnaphthalene

Concen: 2.23 ng/ul

RT: 12.70 min Scan# 1679

Delta R.T. 0.00 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

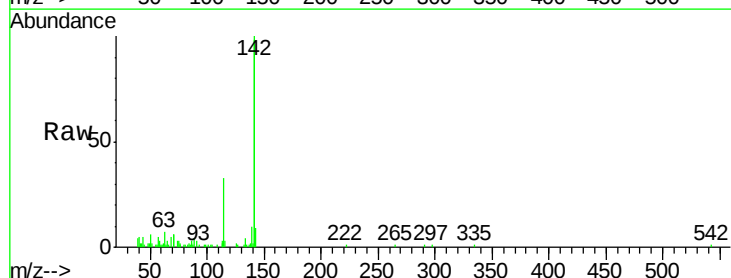
Tgt Ion:142 Resp: 36790

Ion Ratio Lower Upper

142 100

141 98.4 77.1 115.7

116 3.5 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

30000

25000

20000

15000

10000

5000

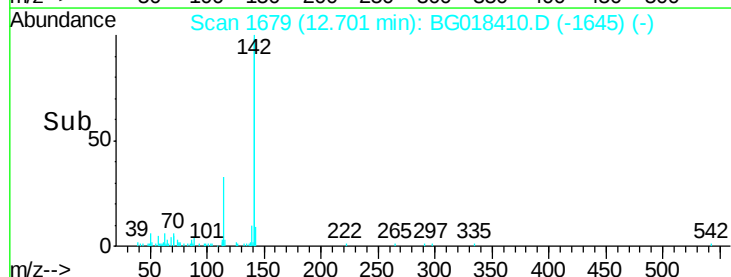
0

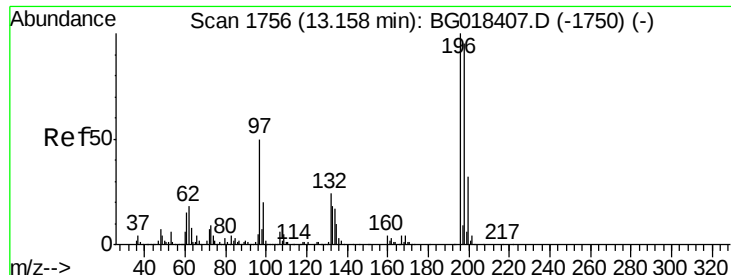
12.65

12.70

12.75

Time-->

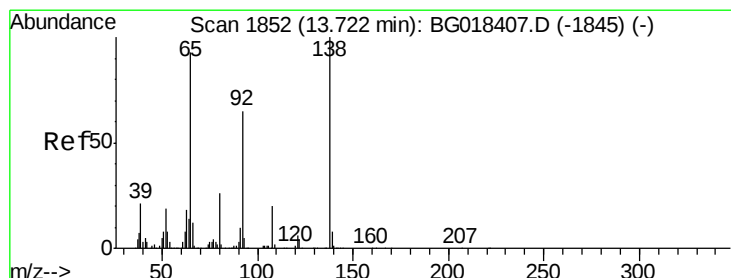
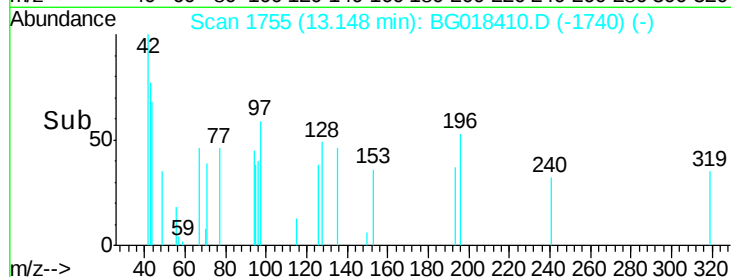
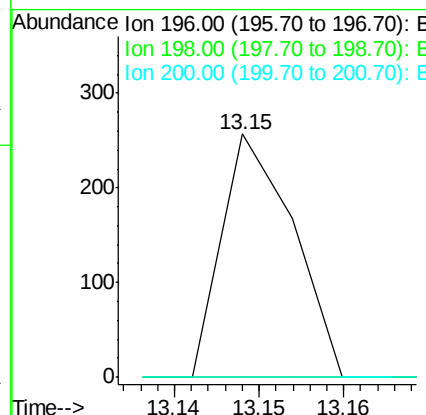
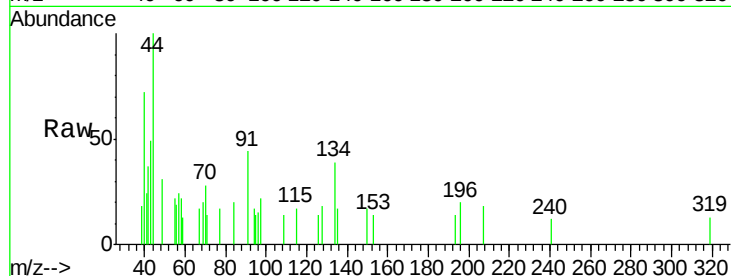




#40
 2,4,5-Trichlorophenol
 Concen: 0.02 ng/ul
 RT: 13.15 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BG018410.D
 Acq: 12 Aug 2015 23:00

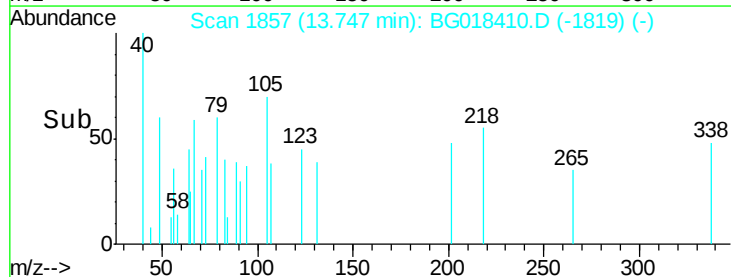
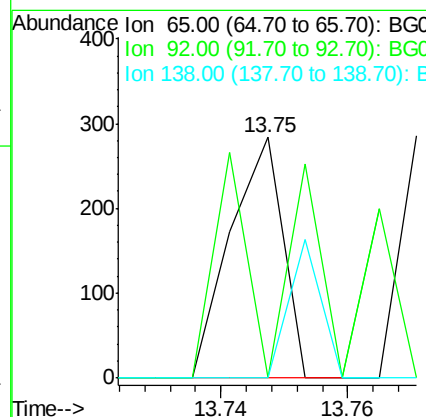
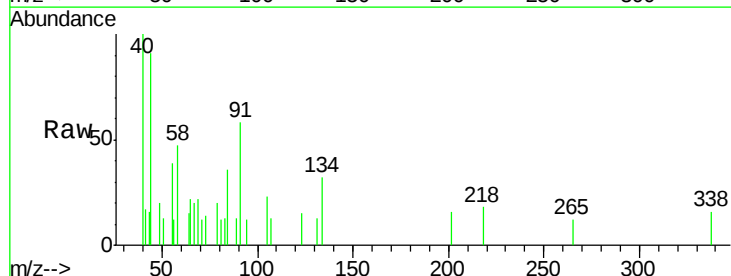
Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S-ML

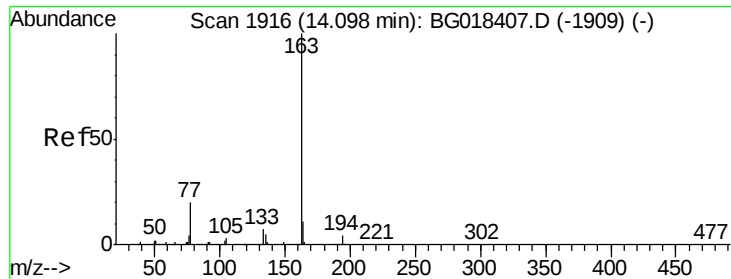
Tgt Ion: 196 Resp: 150
 Ion Ratio Lower Upper
 196 100
 198 0.0 74.2 111.4#
 200 0.0 25.2 37.8#



#43
 2-Nitroaniline
 Concen: 0.03 ng/ul
 RT: 13.75 min Scan# 1857
 Delta R.T. 0.03 min
 Lab File: BG018410.D
 Acq: 12 Aug 2015 23:00

Tgt Ion: 65 Resp: 161
 Ion Ratio Lower Upper
 65 100
 92 0.0 51.1 76.7#
 138 0.0 75.1 112.7#

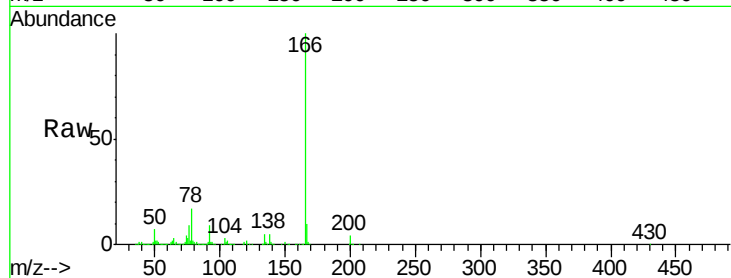




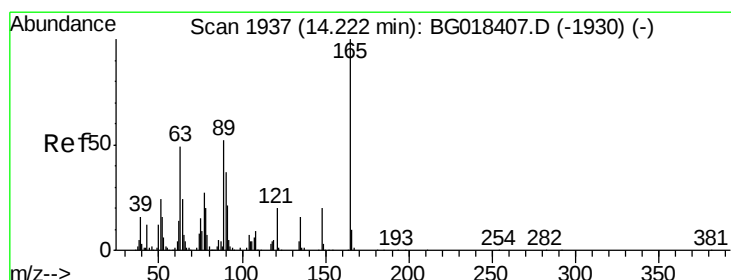
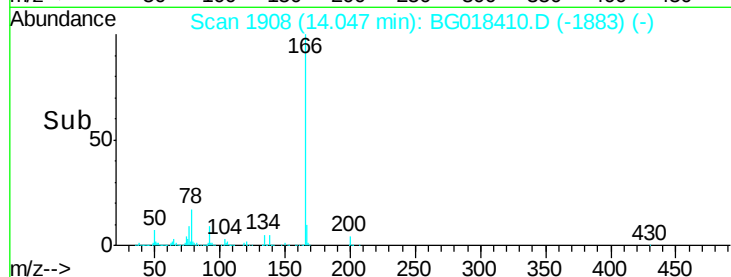
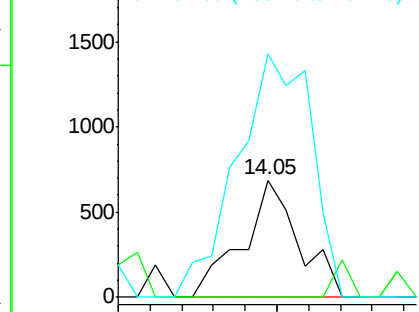
#45
Dimethylphthalate
Concen: 0.04 ng/ul
RT: 14.05 min Scan# 1908
Delta R.T. -0.05 min
Lab File: BG018410.D
Acq: 12 Aug 2015 23:00

Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

Tgt Ion:163 Resp: 850
Ion Ratio Lower Upper
163 100
194 0.0 2.9 4.3#
164 208.0 7.7 11.5#

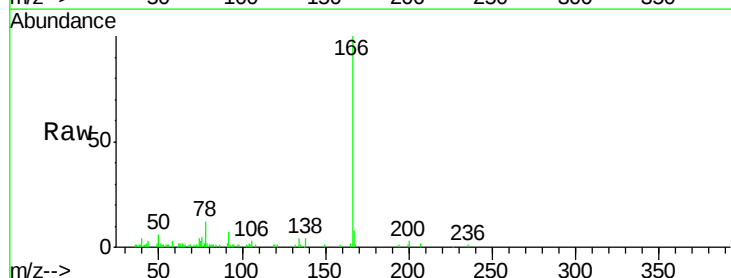


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

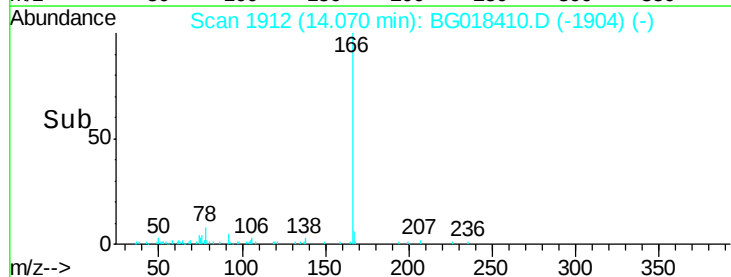
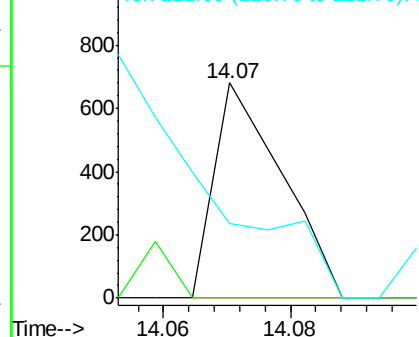


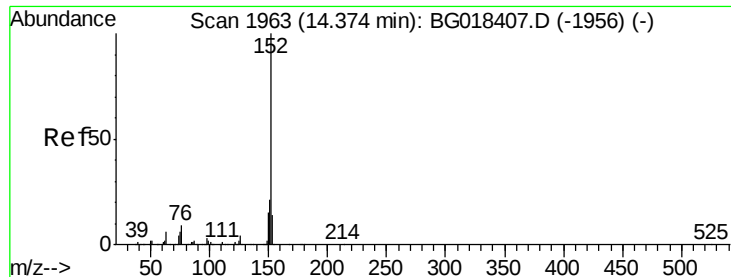
#46
2,6-Dinitrotoluene
Concen: 0.11 ng/ul
RT: 14.07 min Scan# 1912
Delta R.T. -0.15 min
Lab File: BG018410.D
Acq: 12 Aug 2015 23:00

Tgt Ion:165 Resp: 500
Ion Ratio Lower Upper
165 100
89 0.0 50.2 75.2#
121 34.7 19.4 29.2#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BG
Ion 121.00 (120.70 to 121.70): E





#48

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.32 min Scan# 1955

Delta R.T. -0.05 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

Instrument :

BNA_M

ClientSampleId :

MDL-02-S-ML

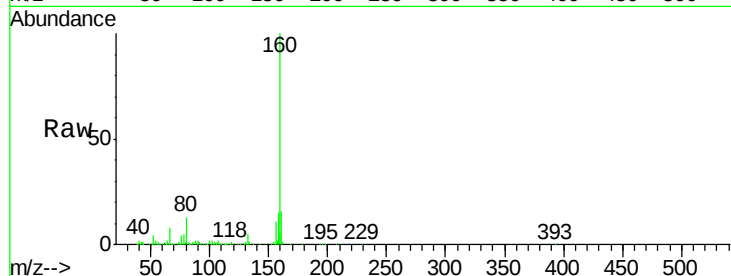
Tgt Ion:152 Resp: 62

Ion Ratio Lower Upper

152 100

151 0.0 15.4 23.2#

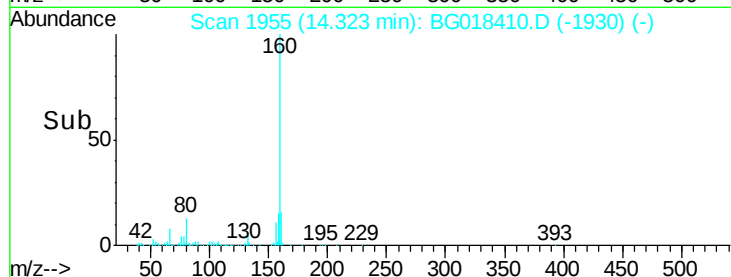
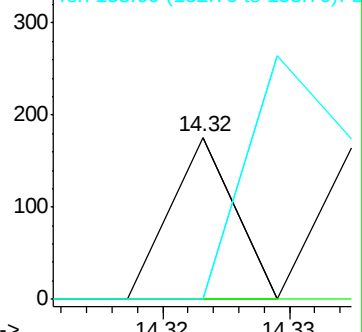
153 0.0 10.8 16.2#



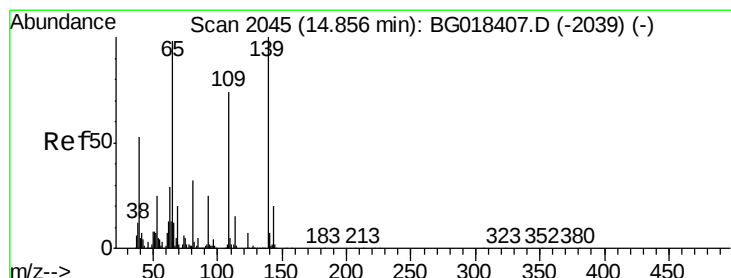
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#53

4-Nitrophenol

Concen: 0.06 ng/ul

RT: 14.84 min Scan# 2043

Delta R.T. -0.02 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

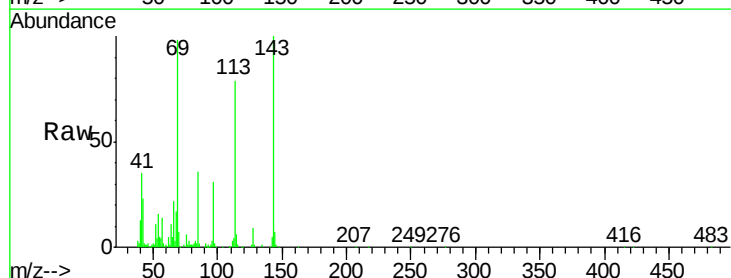
Tgt Ion:109 Resp: 224

Ion Ratio Lower Upper

109 100

139 0.0 111.3 166.9#

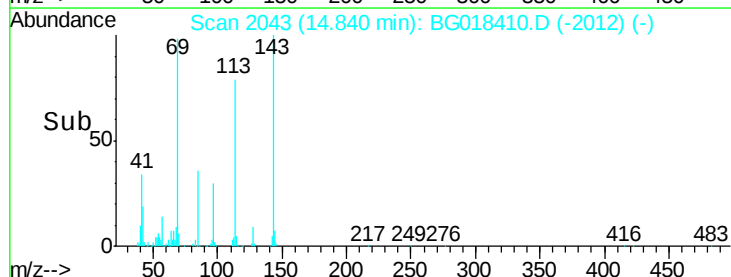
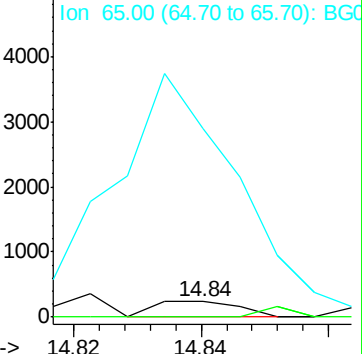
65 1229.7 105.3 157.9#



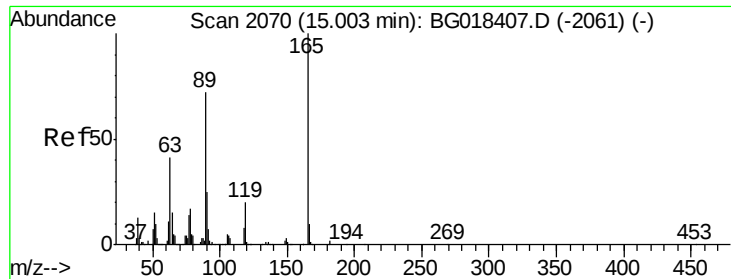
Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC



Time-->



#55

2,4-Dinitrotoluene

Concen: 0.03 ng/ul

RT: 14.90 min Scan# 2054

Delta R.T. -0.10 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

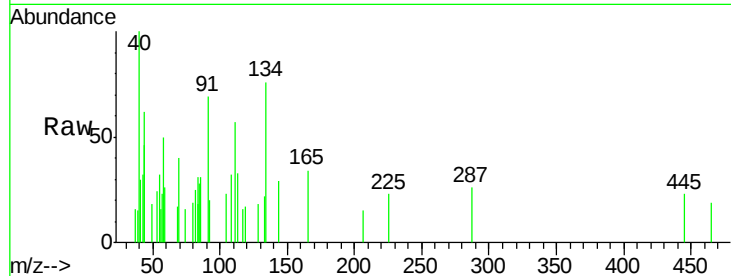
Instrument :

BNA_M

ClientSampleId :

MDL-02-S-ML

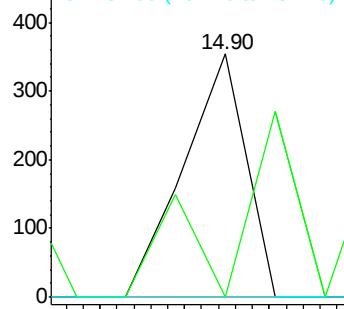
Tgt Ion:	165	Resp:	181
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
182	0.0	2.2	3.2#



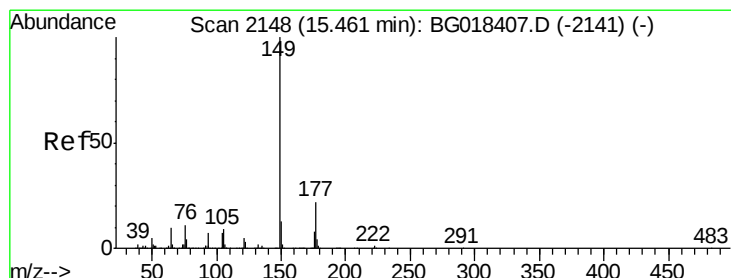
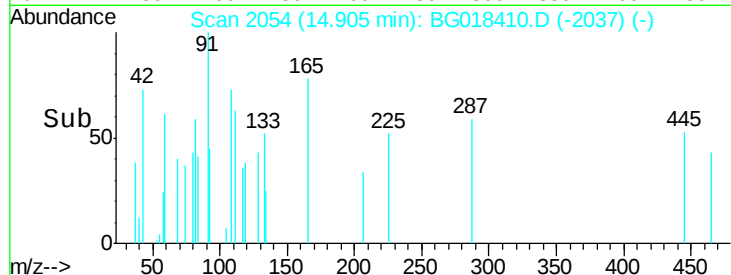
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG018410.D (-2054) (-)

Ion 182.00 (181.70 to 182.70): E



Time-->



#57

Diethylphthalate

Concen: 0.00 ng/ul

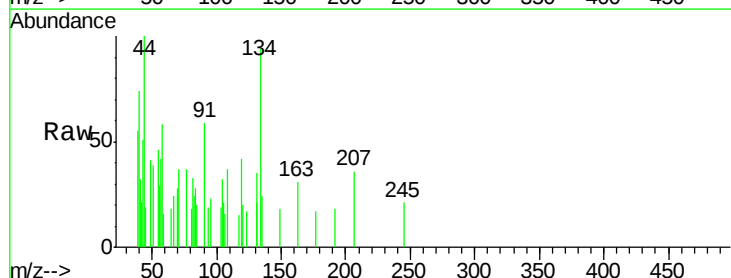
RT: 15.45 min Scan# 2146

Delta R.T. -0.02 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

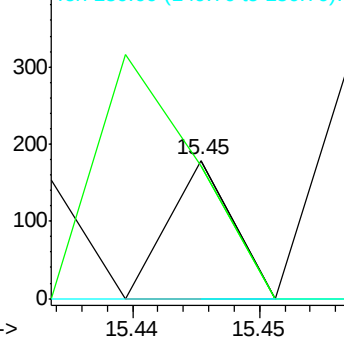
Tgt Ion:	149	Resp:	63
Ion	Ratio	Lower	Upper
149	100		
177	96.1	18.2	27.4#
150	0.0	9.7	14.5#



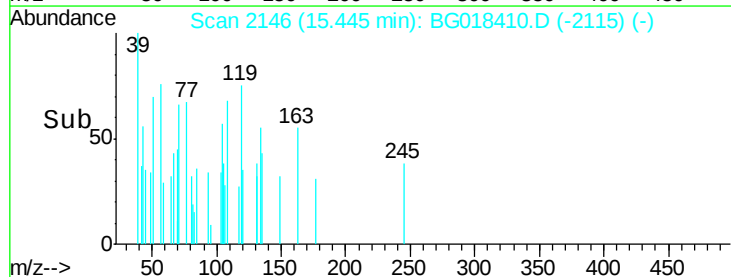
Abundance Ion 149.00 (148.70 to 149.70): E

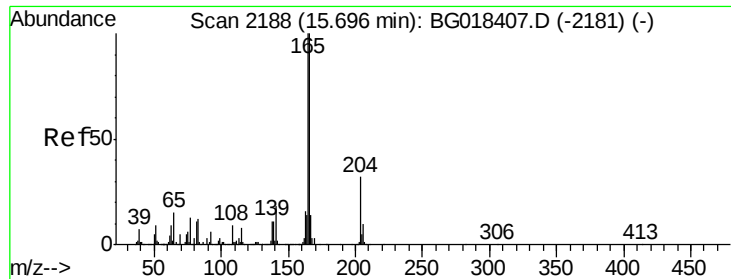
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->





#59

Fluorene

Concen: 0.01 ng/ul

RT: 15.66 min Scan# 2182

Delta R.T. -0.04 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

Instrument :

BNA_M

ClientSampleId :

MDL-02-S-ML

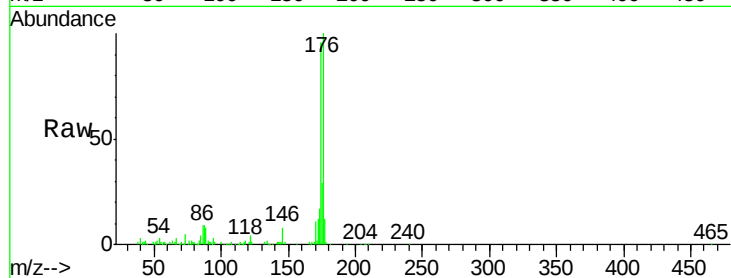
Tgt Ion:166 Resp: 130

Ion Ratio Lower Upper

166 100

165 0.0 82.6 124.0#

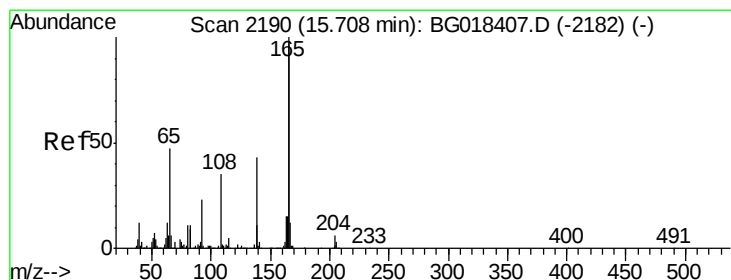
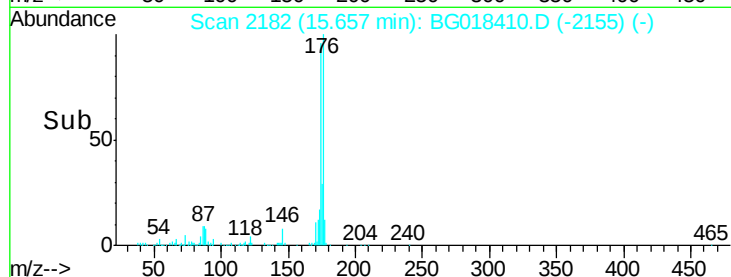
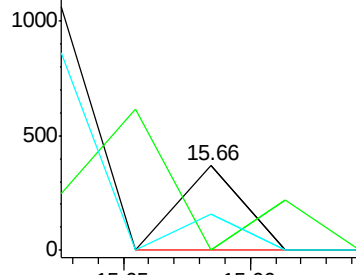
167 43.5 11.4 17.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#61

4-Nitroaniline

Concen: 0.01 ng/ul

RT: 15.73 min Scan# 2194

Delta R.T. 0.02 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

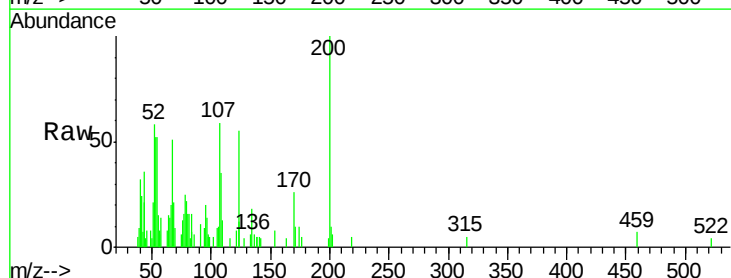
Tgt Ion:138 Resp: 60

Ion Ratio Lower Upper

138 100

92 0.0 44.0 66.0#

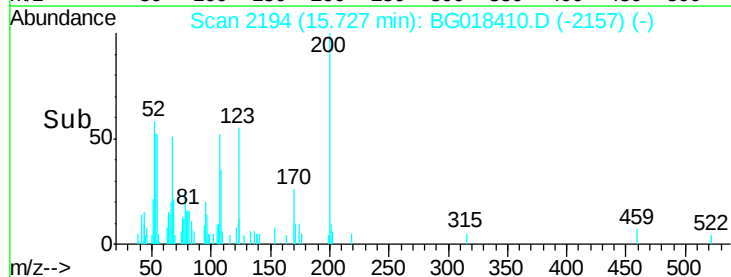
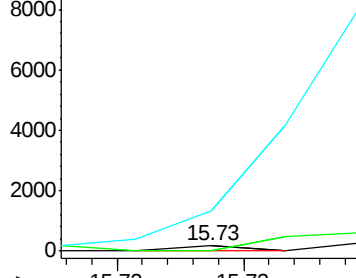
108 775.3 64.6 97.0#

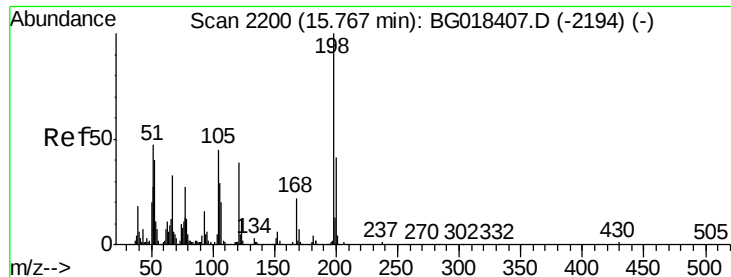


Abundance Ion 138.00 (137.70 to 138.70): E

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: 0.06 ng/ul

RT: 15.74 min Scan# 2197

Delta R.T. -0.02 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

Instrument :

BNA_M

ClientSampleId :

MDL-02-S-ML

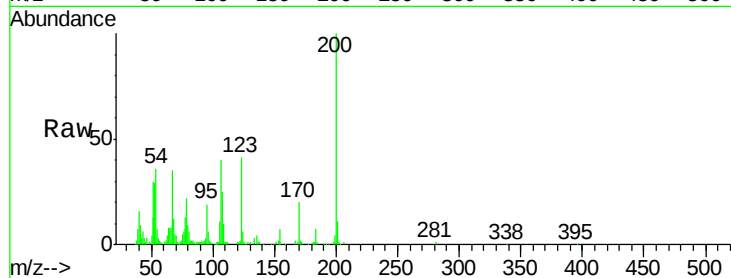
Tgt Ion:198 Resp: 210

Ion Ratio Lower Upper

198 100

182 81.4 3.4 5.0#

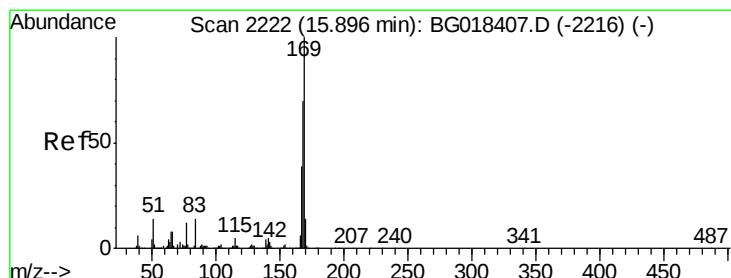
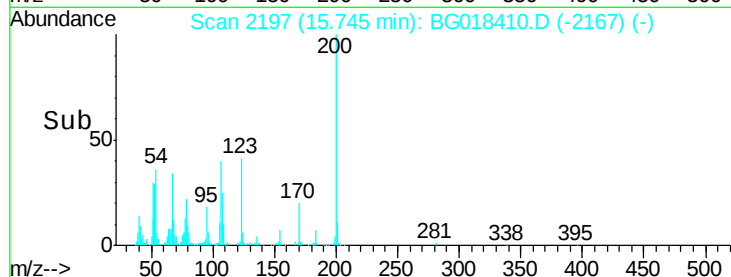
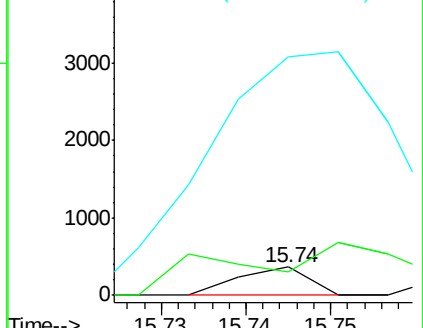
77 843.0 22.4 33.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BGC



#65

N-Nitrosodiphenylamine

Concen: 0.03 ng/ul

RT: 15.76 min Scan# 2199

Delta R.T. -0.14 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

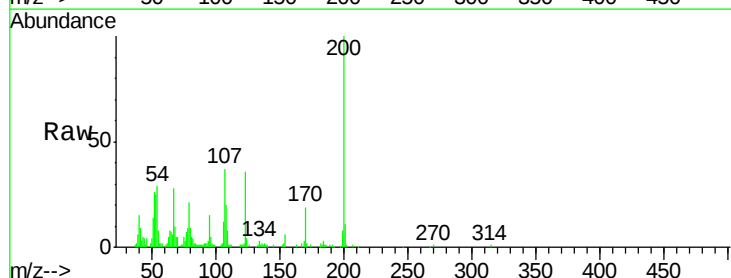
Tgt Ion:169 Resp: 543

Ion Ratio Lower Upper

169 100

168 0.0 60.2 90.2#

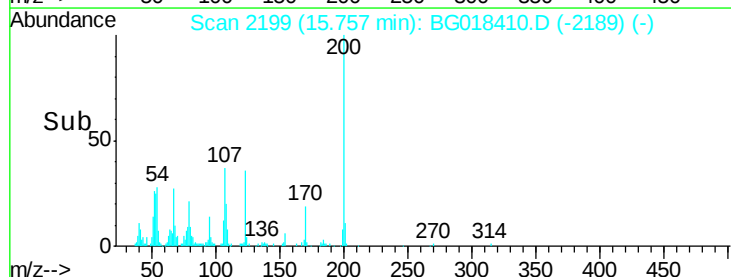
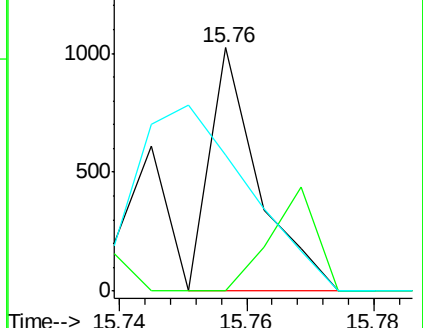
167 56.2 33.4 50.2#

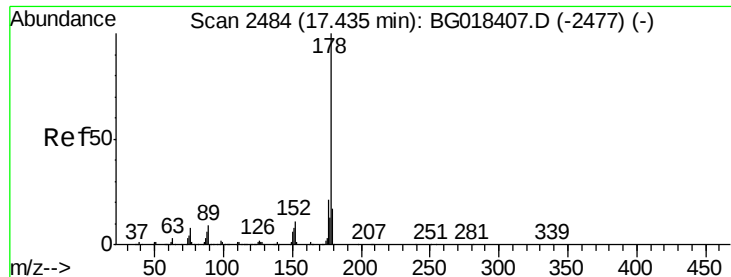


Abundance Ion 169.00 (168.70 to 169.70): E

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: 17.40 min Scan# 2479

Delta R.T. -0.03 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

Instrument :

BNA_M

ClientSampleId :

MDL-02-S-ML

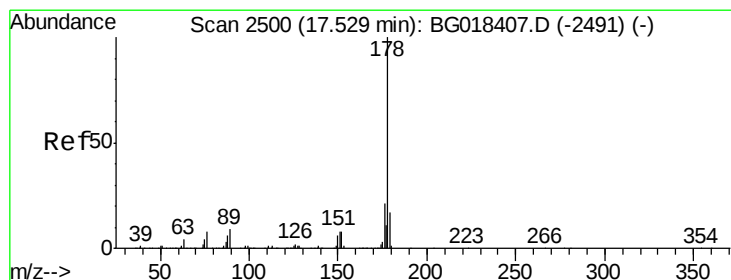
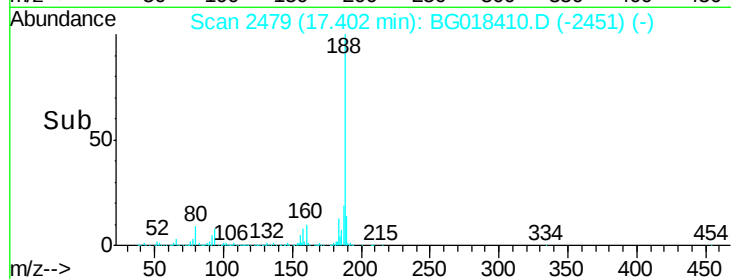
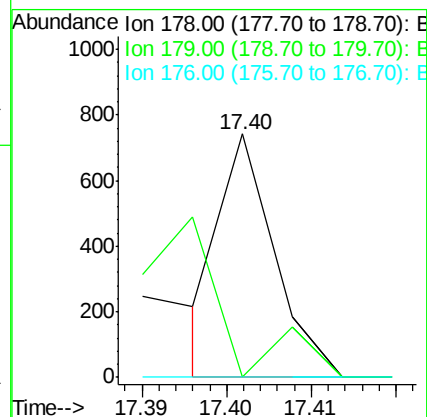
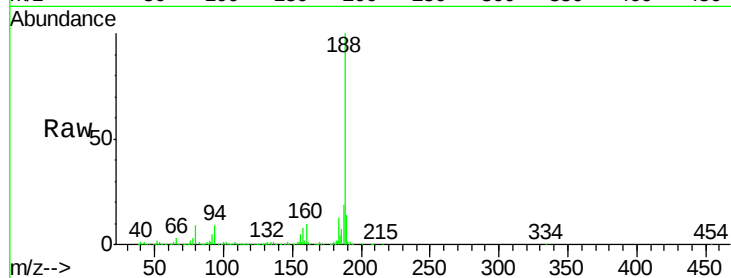
Tgt Ion:178 Resp: 326

Ion Ratio Lower Upper

178 100

179 0.0 13.7 20.5#

176 0.0 16.6 24.8#



#72

Anthracene

Concen: 0.00 ng/ul

RT: 17.53 min Scan# 2500

Delta R.T. -0.00 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

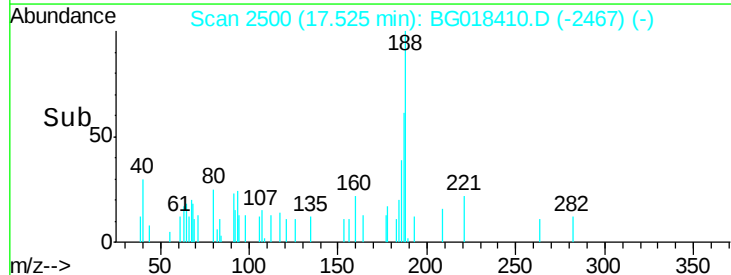
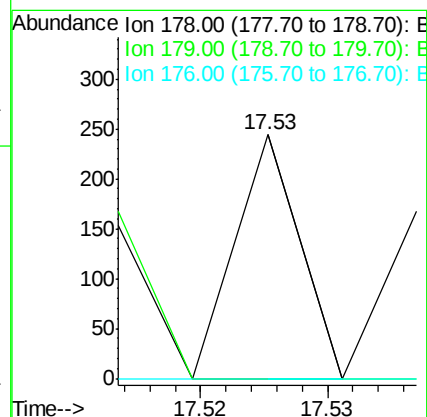
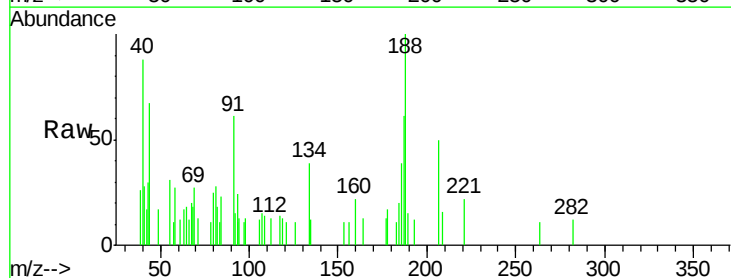
Tgt Ion:178 Resp: 86

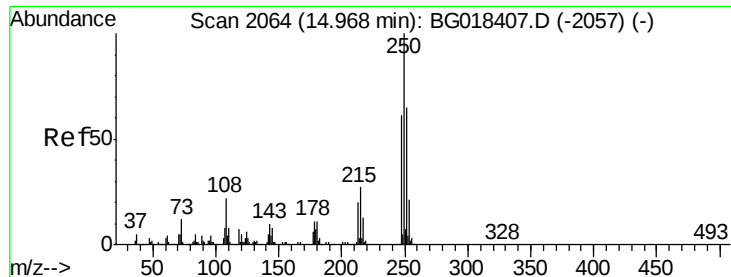
Ion Ratio Lower Upper

178 100

179 0.0 13.0 19.4#

176 0.0 16.0 24.0#





#74

Pentachlorobenzene

Concen: 0.02 ng/uL

RT: 15.01 min Scan# 2072

Delta R.T. 0.04 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

Instrument :

BNA_M

ClientSampleId :

MDL-02-S-ML

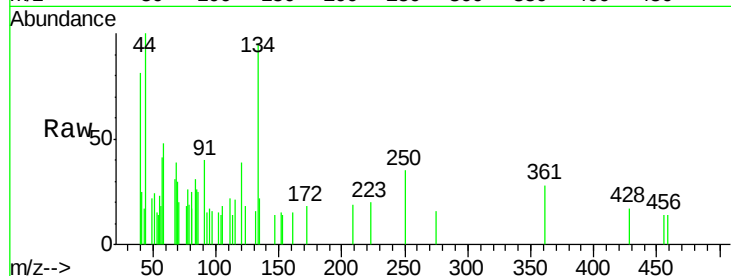
Tgt Ion:250 Resp: 212

Ion Ratio Lower Upper

250 100

248 0.0 45.8 68.8#

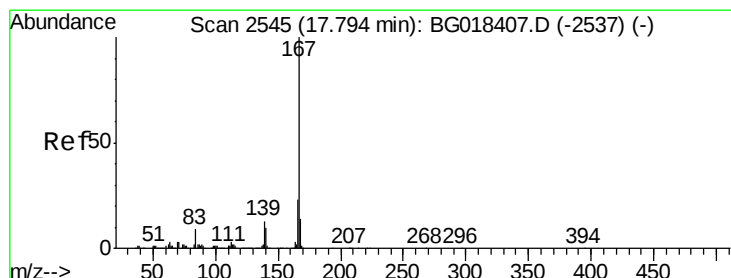
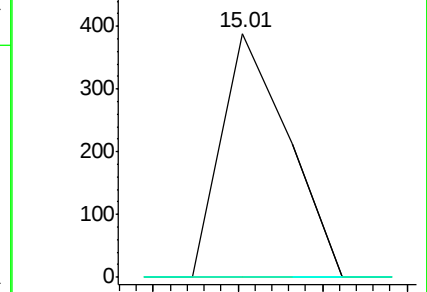
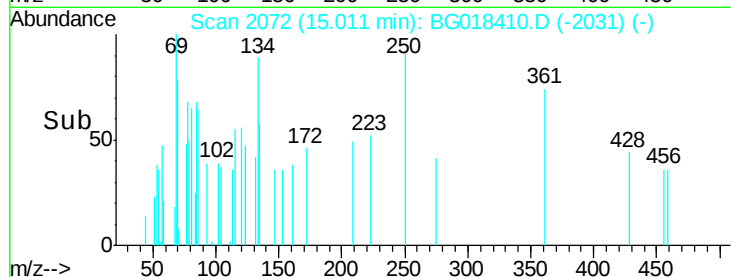
252 0.0 50.4 75.6#



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E



#75

Carbazole

Concen: 0.00 ng/uL

RT: 17.71 min Scan# 2532

Delta R.T. -0.08 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

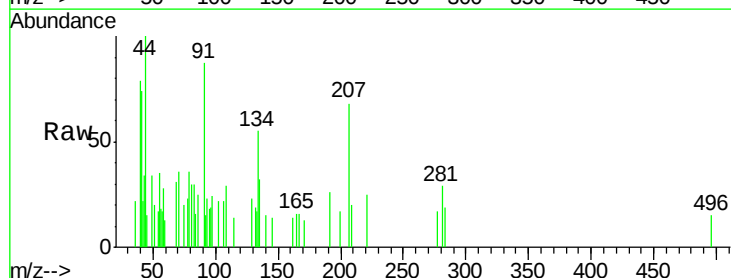
Tgt Ion:167 Resp: 65

Ion Ratio Lower Upper

167 100

166 0.0 18.9 28.3#

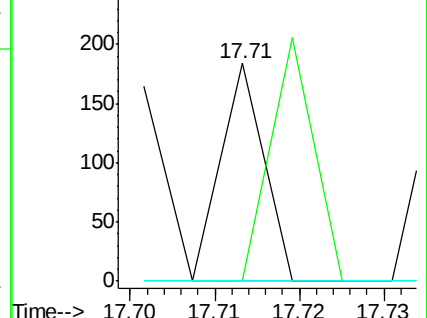
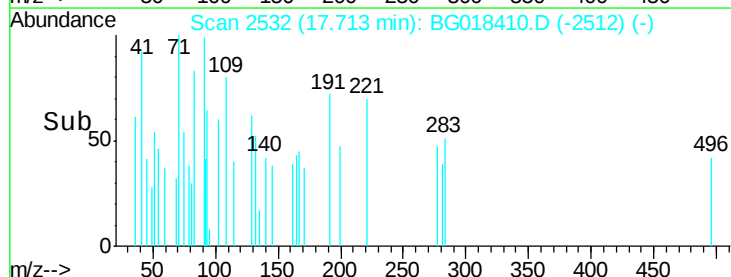
139 0.0 10.1 15.1#

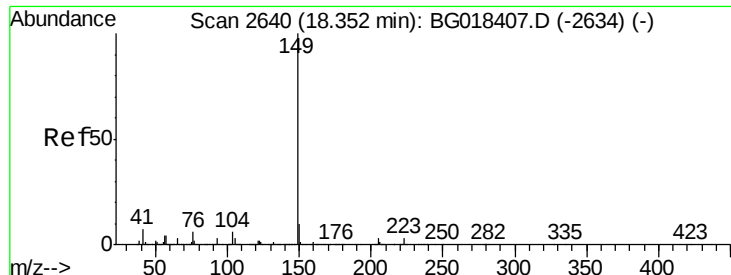


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

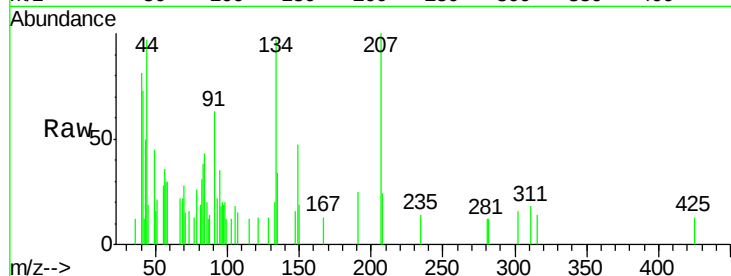




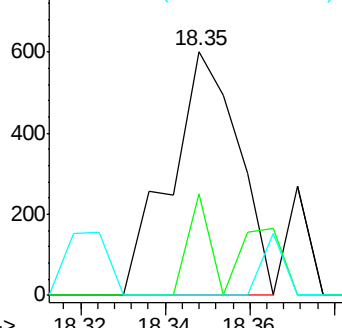
#76
Di-n-butylphthalate
Concen: 0.02 ng/ul
RT: 18.35 min Scan# 2640
Delta R.T. -0.00 min
Lab File: BG018410.D
Acq: 12 Aug 2015 23:00

Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

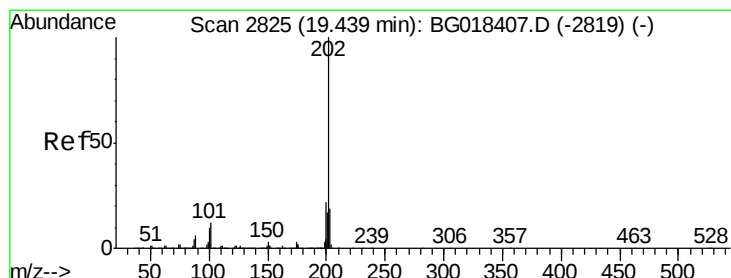
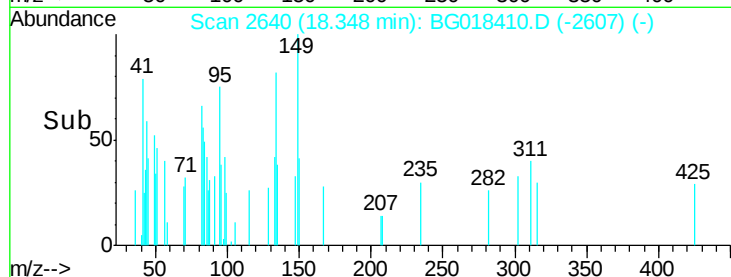
Tgt Ion:149 Resp: 670
Ion Ratio Lower Upper
149 100
150 41.4 7.5 11.3#
104 0.0 4.3 6.5#



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

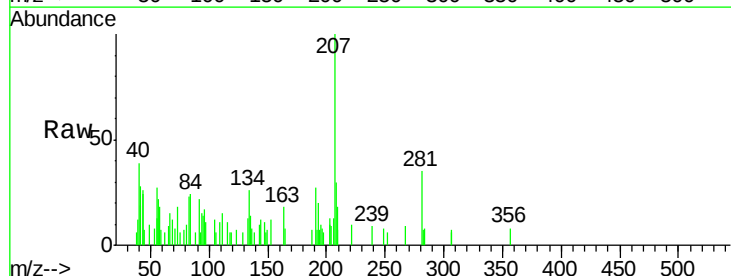


Time-->

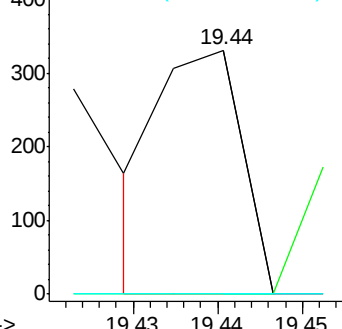


#77
Fluoranthene
Concen: 0.01 ng/ul
RT: 19.44 min Scan# 2826
Delta R.T. 0.00 min
Lab File: BG018410.D
Acq: 12 Aug 2015 23:00

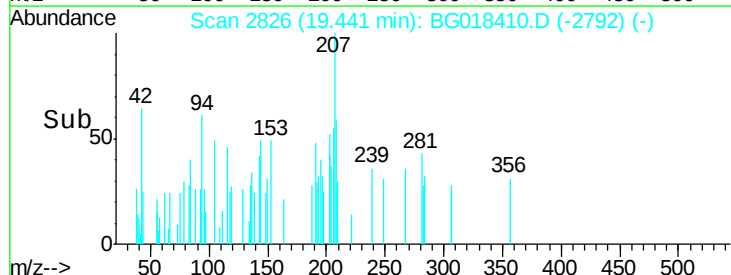
Tgt Ion:202 Resp: 224
Ion Ratio Lower Upper
202 100
101 0.0 9.7 14.5#
100 0.0 7.8 11.8#

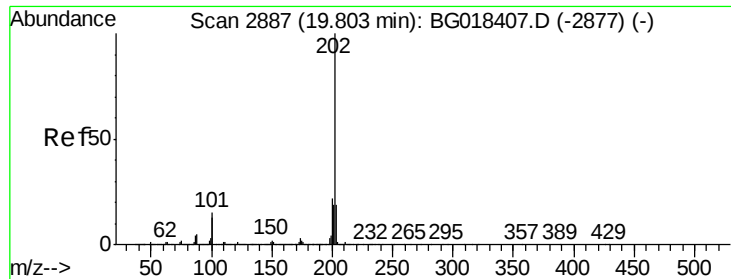


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





#80

Pyrene

Concen: 0.04 ng/ul

RT: 19.77 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

Instrument :

BNA_M

ClientSampleId :

MDL-02-S-ML

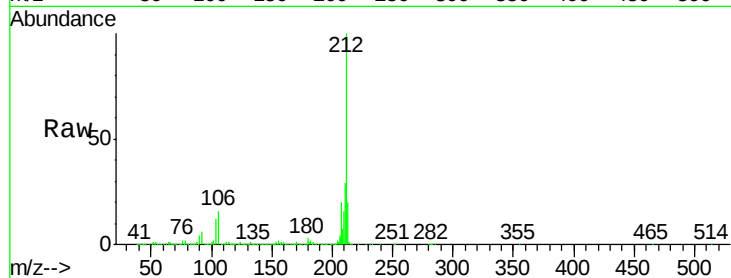
Tgt Ion:202 Resp: 1886

Ion Ratio Lower Upper

202 100

101 124.9 11.0 16.4#

100 621.4 9.8 14.6#

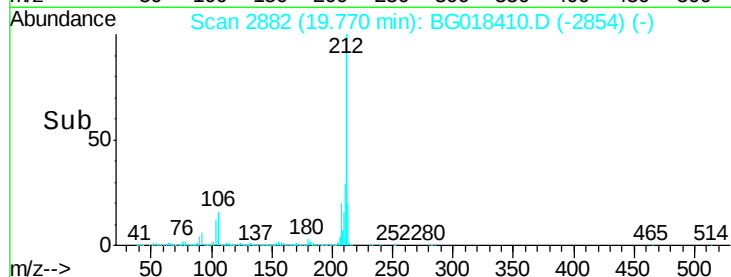


Abundance Ion 202.00 (201.70 to 202.70): E

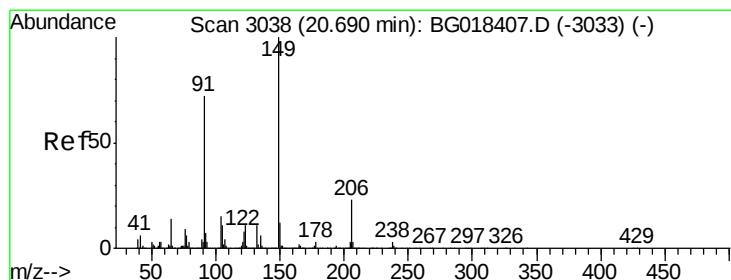
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



Time-->



#81

Butylbenzylphthalate

Concen: 0.01 ng/ul

RT: 20.69 min Scan# 3038

Delta R.T. -0.00 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

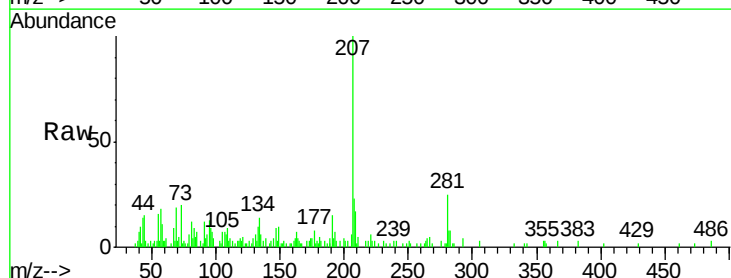
Tgt Ion:149 Resp: 278

Ion Ratio Lower Upper

149 100

91 128.0 57.9 86.9#

206 62.9 17.9 26.9#

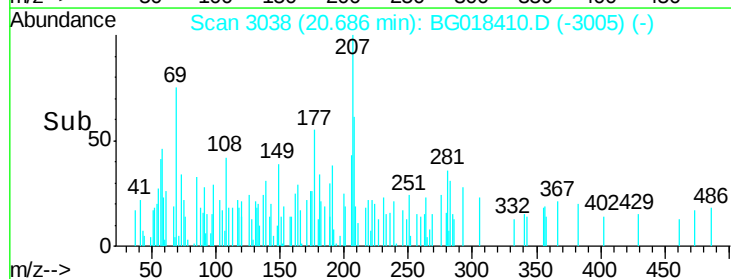


Abundance Ion 149.00 (148.70 to 149.70): E

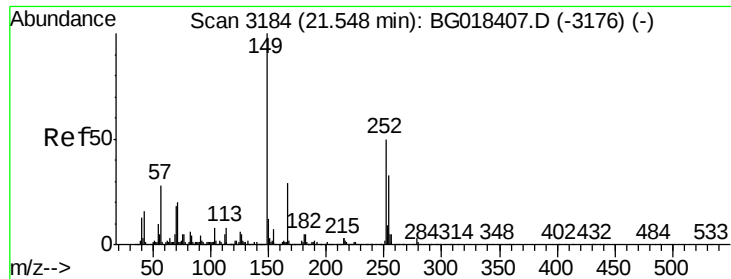
Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

Time-->



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 0.00 ng/ul

RT: 21.57 min Scan# 3189

Delta R.T. 0.03 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

Instrument :

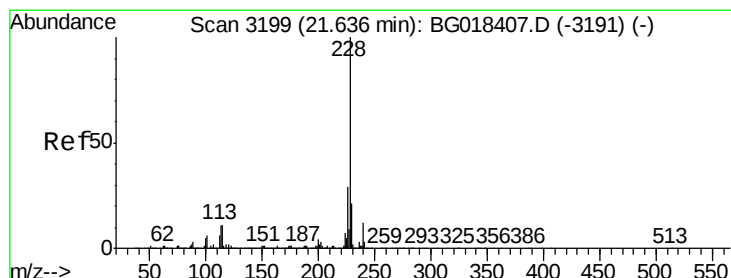
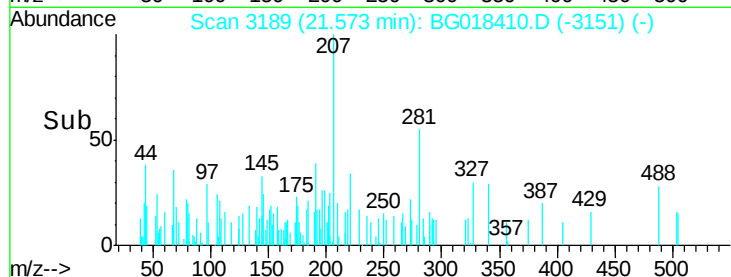
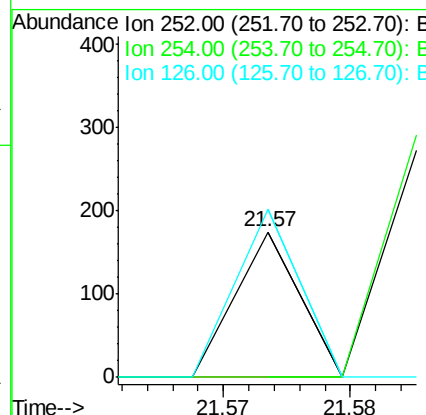
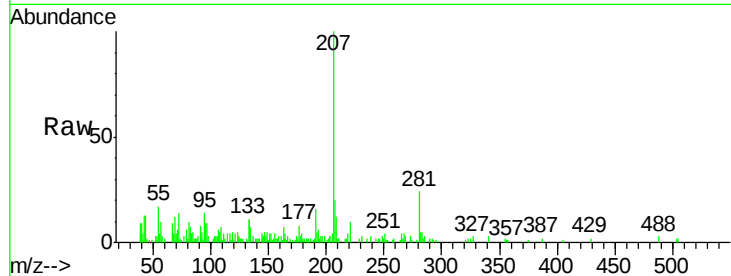
BNA_M

ClientSampleId :

MDL-02-S-ML

Tgt Ion: 252 Resp: 61

Ion	Ratio	Lower	Upper
252	100		
254	0.0	50.9	76.3#
126	115.5	9.6	14.4#



#83

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 21.63 min Scan# 3198

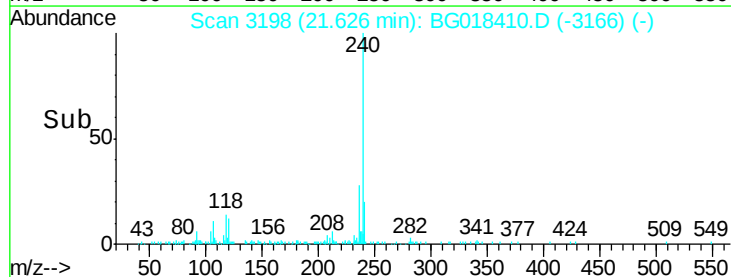
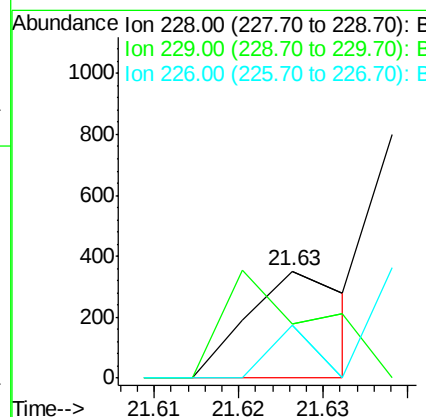
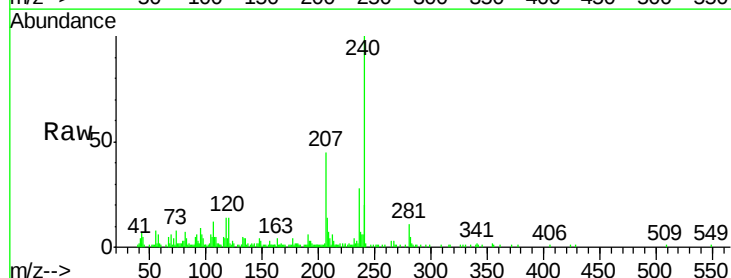
Delta R.T. -0.01 min

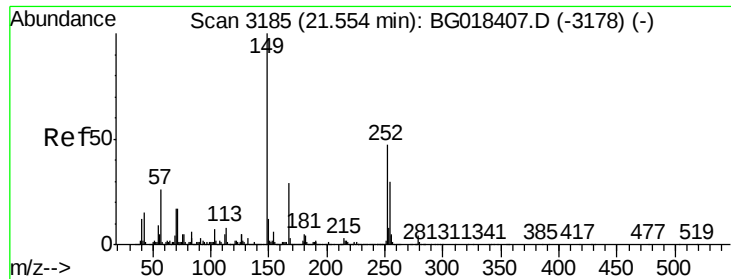
Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

Tgt Ion: 228 Resp: 289

Ion	Ratio	Lower	Upper
228	100		
229	50.6	15.5	23.3#
226	49.7	22.1	33.1#





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.04 ng/ul

RT: 21.55 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

Instrument :

BNA_M

ClientSampleId :

MDL-02-S-ML

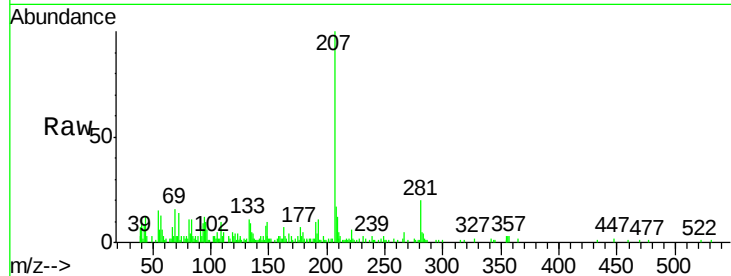
Tgt Ion:149 Resp: 1209

Ion Ratio Lower Upper

149 100

167 40.7 22.2 33.2#

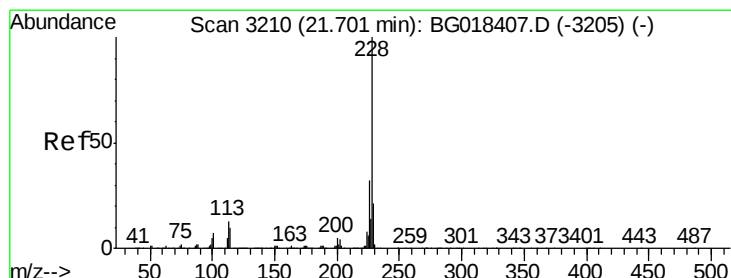
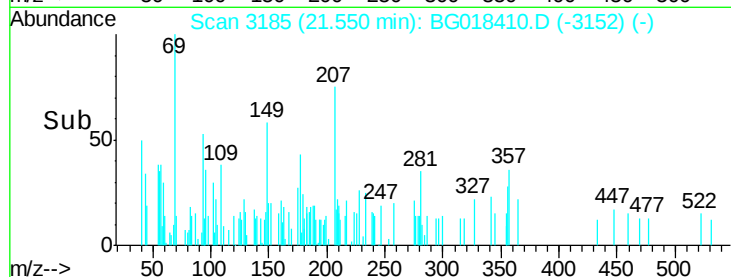
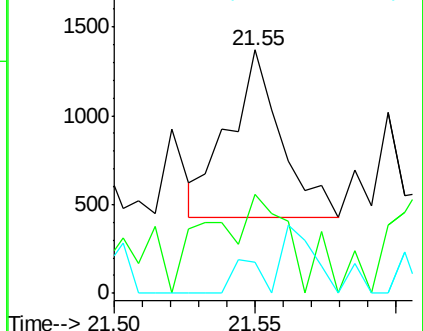
279 12.9 2.8 4.2#



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: 21.70 min Scan# 3210

Delta R.T. -0.00 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

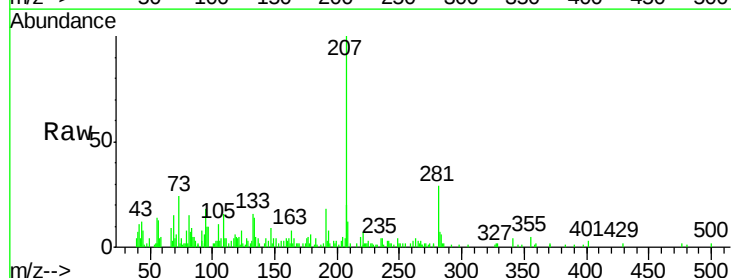
Tgt Ion:228 Resp: 94

Ion Ratio Lower Upper

228 100

226 0.0 26.5 39.7#

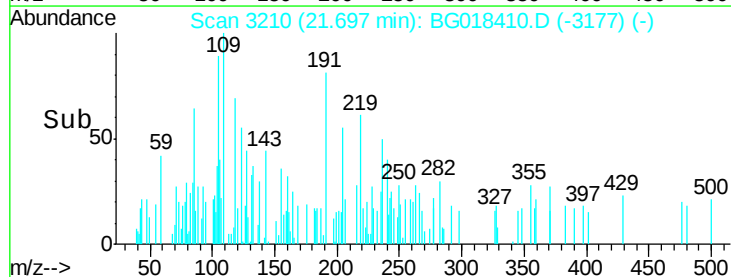
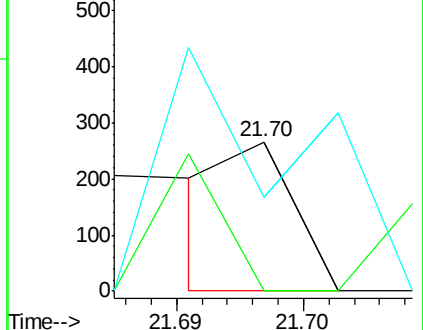
229 63.2 16.9 25.3#

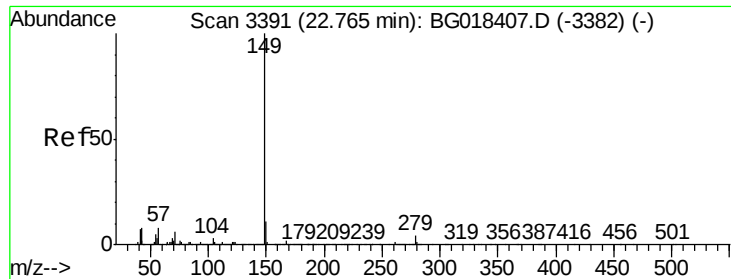


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 0.01 ng/ul

RT: 22.76 min Scan# 3391

Delta R.T. -0.00 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

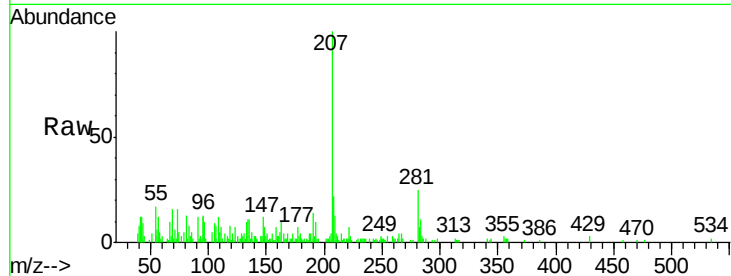
Instrument :

BNA_M

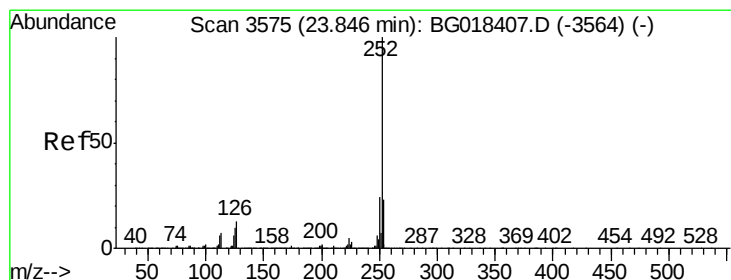
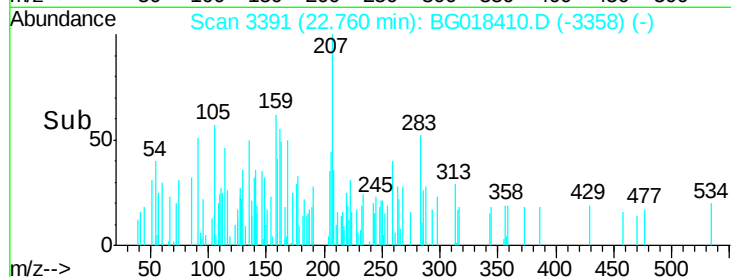
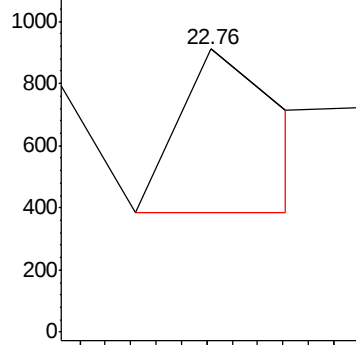
ClientSampleId :

MDL-02-S-ML

Tgt Ion:149 Resp: 302



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 23.83 min Scan# 3573

Delta R.T. -0.02 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

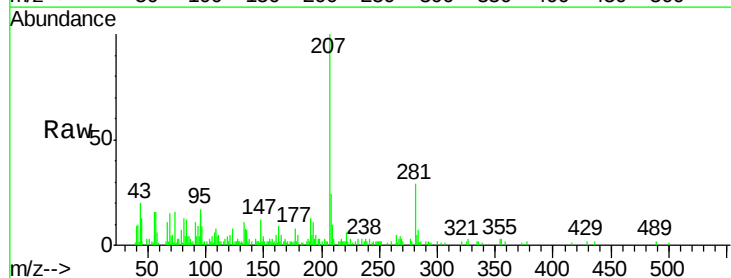
Tgt Ion:252 Resp: 202

Ion Ratio Lower Upper

252 100

253 0.0 18.1 27.1#

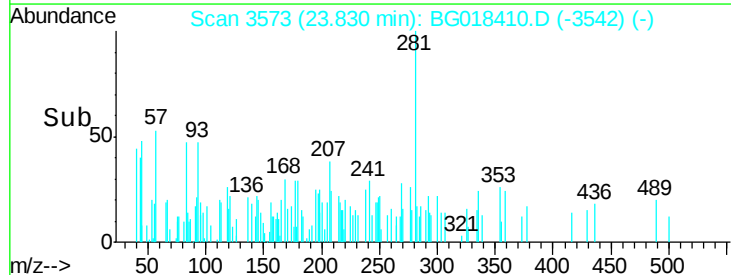
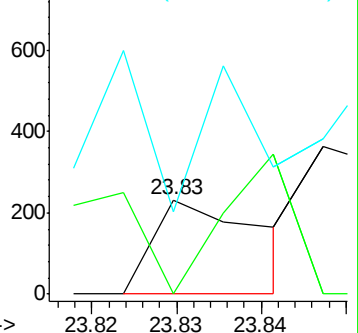
125 88.3 8.3 12.5#

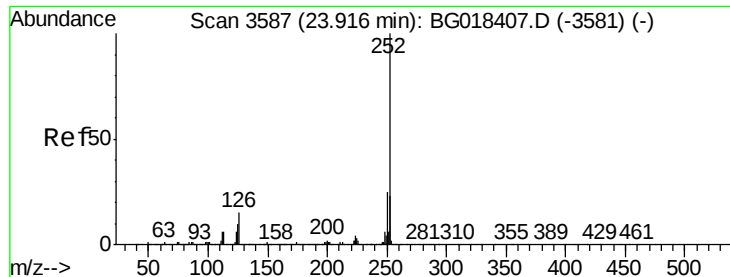


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 0.01 ng/ul

RT: 23.91 min Scan# 3586

Delta R.T. -0.01 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

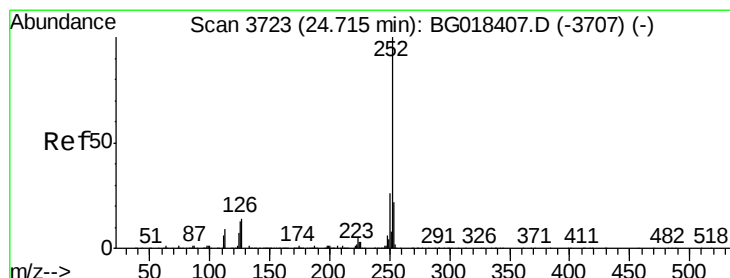
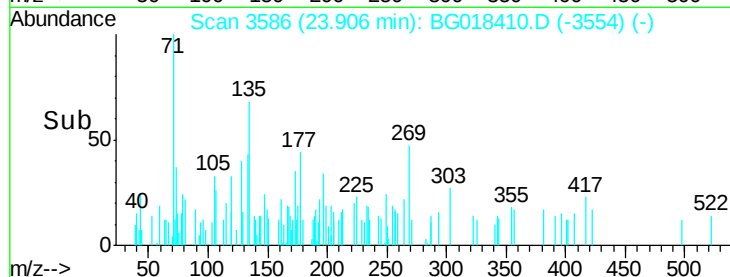
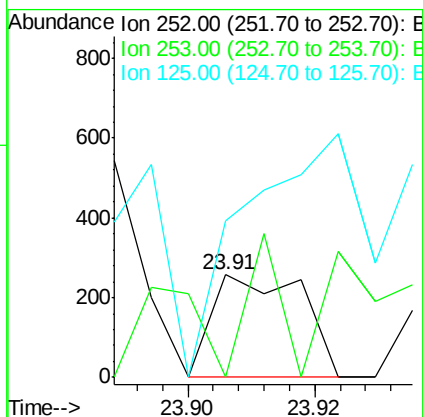
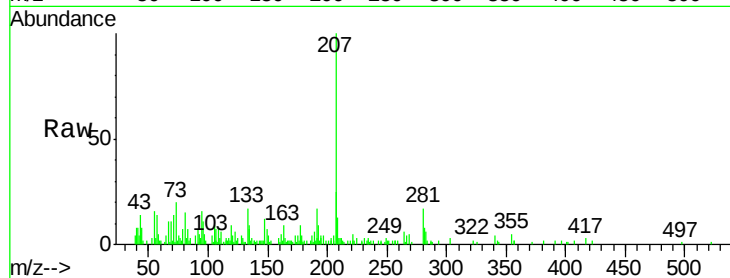
Instrument :

BNA_M

ClientSampleId :

MDL-02-S-ML

Tgt Ion:	252	Resp:	251
Ion Ratio	Lower	Upper	
252	100		
253	0.0	17.8	26.6#
125	151.9	9.0	13.4#



#91

Benzo(a)pyrene

Concen: 0.01 ng/ul

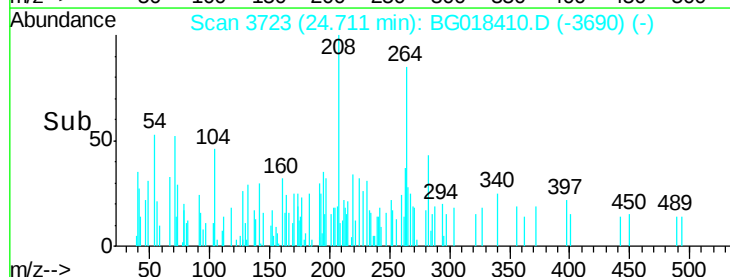
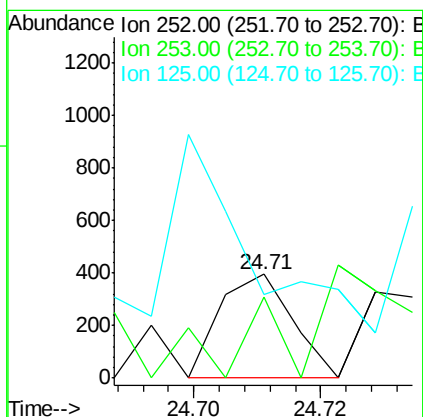
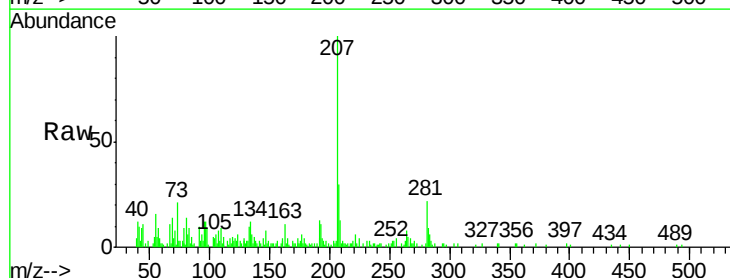
RT: 24.71 min Scan# 3723

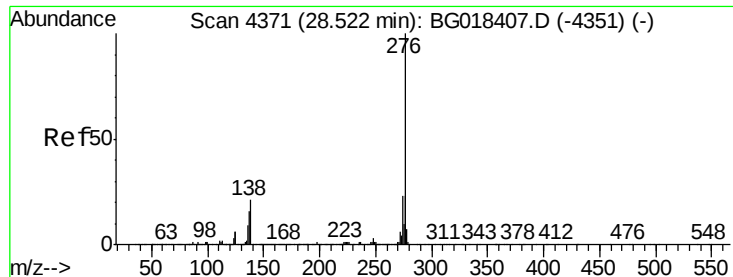
Delta R.T. -0.00 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

Tgt Ion:	252	Resp:	311
Ion Ratio	Lower	Upper	
252	100		
253	78.2	17.7	26.5#
125	80.8	10.2	15.2#





#92

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 28.53 min Scan# 4373

Delta R.T. 0.01 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

Instrument :

BNA_M

ClientSampleId :

MDL-02-S-ML

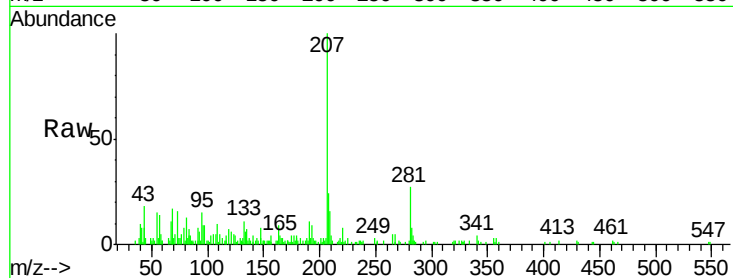
Tgt Ion:276 Resp: 190

Ion Ratio Lower Upper

276 100

138 143.7 15.8 23.6#

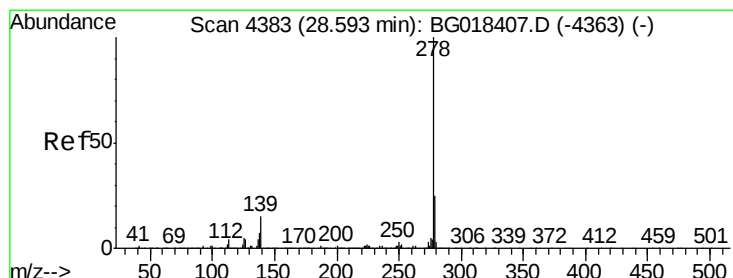
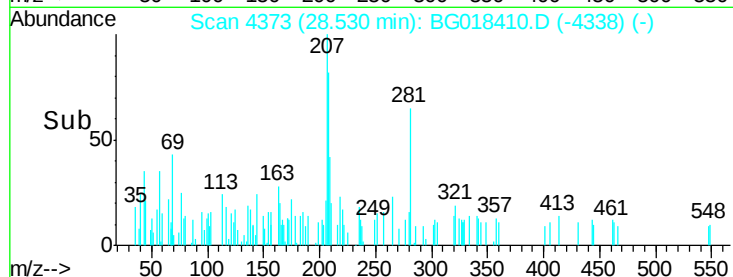
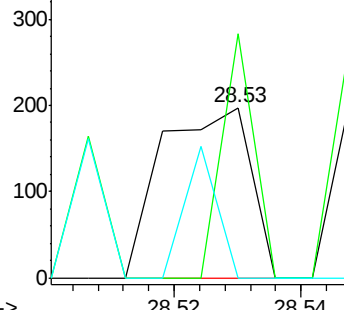
277 0.0 18.9 28.3#



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# 4379

Delta R.T. -0.03 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

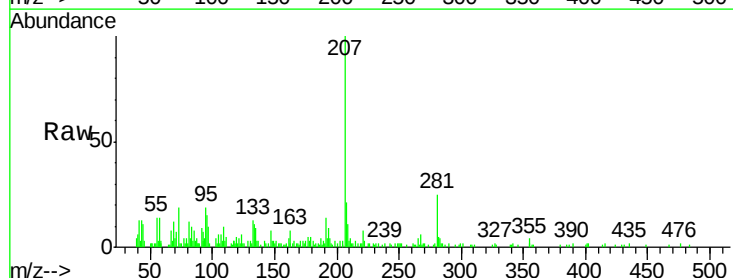
Tgt Ion:278 Resp: 129

Ion Ratio Lower Upper

278 100

139 91.8 13.8 20.6#

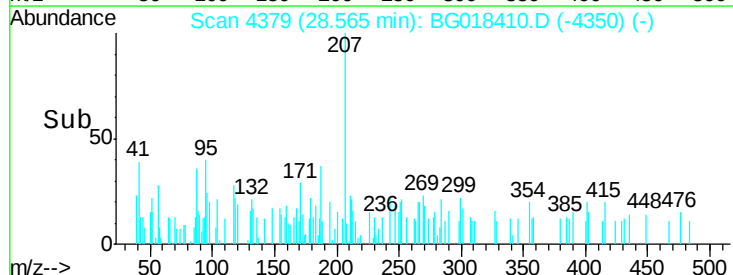
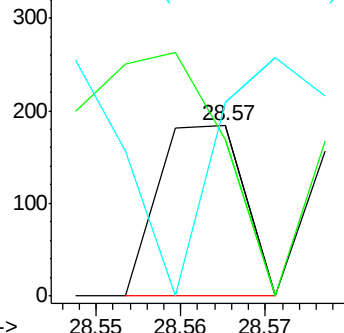
279 113.6 17.8 26.8#

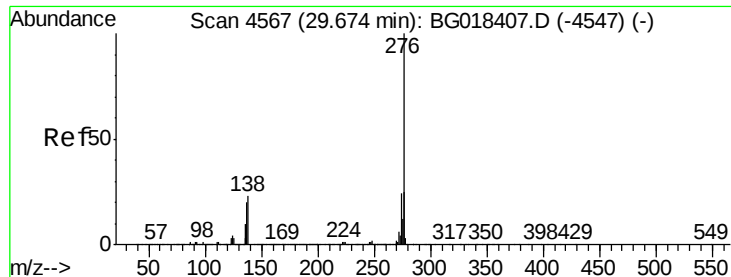


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.01 ng/ul

RT: 29.64 min Scan# 4562

Delta R.T. -0.03 min

Lab File: BG018410.D

Acq: 12 Aug 2015 23:00

Instrument :

BNA_M

ClientSampleId :

MDL-02-S-ML

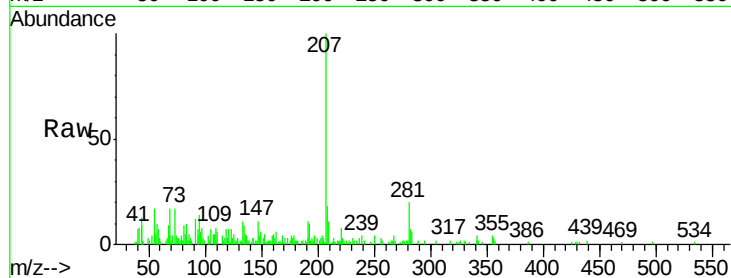
Tgt Ion: 276 Resp: 238

Ion Ratio Lower Upper

276 100

138 85.6 16.5 24.7#

277 56.5 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

