

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081215\
 Data File : BG018408.D
 Acq On : 12 Aug 2015 21:44
 Operator : UM/MA
 Sample : MDL-BLK-S
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-01-S-ML

Quant Time: Aug 13 04:11:34 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 04:07:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	95263	20.00	ng/ul	0.00
18) Naphthalene-d8	10.83	136	414458	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.65	164	263666	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	651894	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	646141	20.00	ng/ul	0.00
86) Perylene-d12	24.87	264	636218	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	11394	5.29	ng/uL	0.00
5) Phenol-d5	7.18	99	246914	28.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	156773	29.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	192876	29.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	210961	29.04	ng/ul	0.00
19) Nitrobenzene-d5	9.18	128	103920	32.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	109914	33.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	207347	29.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.96	131	296464	37.56	ng/ul	0.00
44) Dimethylphthalate-d6	14.05	166	686751	30.96	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	842308	30.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	126730	31.76	ng/ul	0.00
58) Fluorene-d10	15.64	176	593371	30.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	81949	25.56	ng/ul	0.00
71) Anthracene-d10	17.49	188	959863	30.79	ng/ul	0.00
79) Pyrene-d10	19.77	212	1033459	30.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.64	264	1042659	30.87	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	210	0.09	ng/uL#	1
4) Benzaldehyde	7.16	77	415	0.08	ng/ul#	1
6) Phenol	7.26	94	213	0.02	ng/ul#	40
8) Bis(2-Chloroethyl)ether	7.43	93	701	0.10	ng/ul#	48
10) 2-Chlorophenol	7.69	128	152	0.02	ng/ul#	33
12) 2,2'-oxybis(1-Chloropropan	8.58	45	128	0.01	ng/ul#	1
14) Acetophenone	8.82	105	251	0.02	ng/ul#	24
15) N-Nitroso-di-n-propylamine	8.81	70	140	0.02	ng/ul#	1
16) 4-Methylphenol	8.73	108	188	0.03	ng/ul#	1
17) Hexachloroethane	9.05	117	142	0.05	ng/ul#	10
20) Nitrobenzene	9.22	77	94	0.01	ng/ul#	42
21) Isophorone	9.72	82	91	0.01	ng/ul#	23
24) 2,4-Dimethylphenol	10.05	107	65	0.01	ng/ul#	12
25) Bis(2-Chloroethoxy)methane	10.23	93	54	0.01	ng/ul#	52
27) 2,4-Dichlorophenol	10.42	162	192	0.03	ng/ul#	43
28) Naphthalene	10.95	128	326	0.01	ng/ul#	25
30) 4-Chloroaniline	10.95	127	177	0.02	ng/ul#	1
32) Caprolactam	11.99	113	131	0.05	ng/ul#	53
33) 4-Chloro-3-methylphenol	12.12	107	115	0.02	ng/ul#	18
42) 2-Chloronaphthalene	13.54	162	146	0.01	ng/ul#	40
43) 2-Nitroaniline	13.73	65	94	0.02	ng/ul#	9
45) Dimethylphthalate	14.14	163	146	0.01	ng/ul#	78
46) 2,6-Dinitrotoluene	14.37	165	76	0.02	ng/ul#	28

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

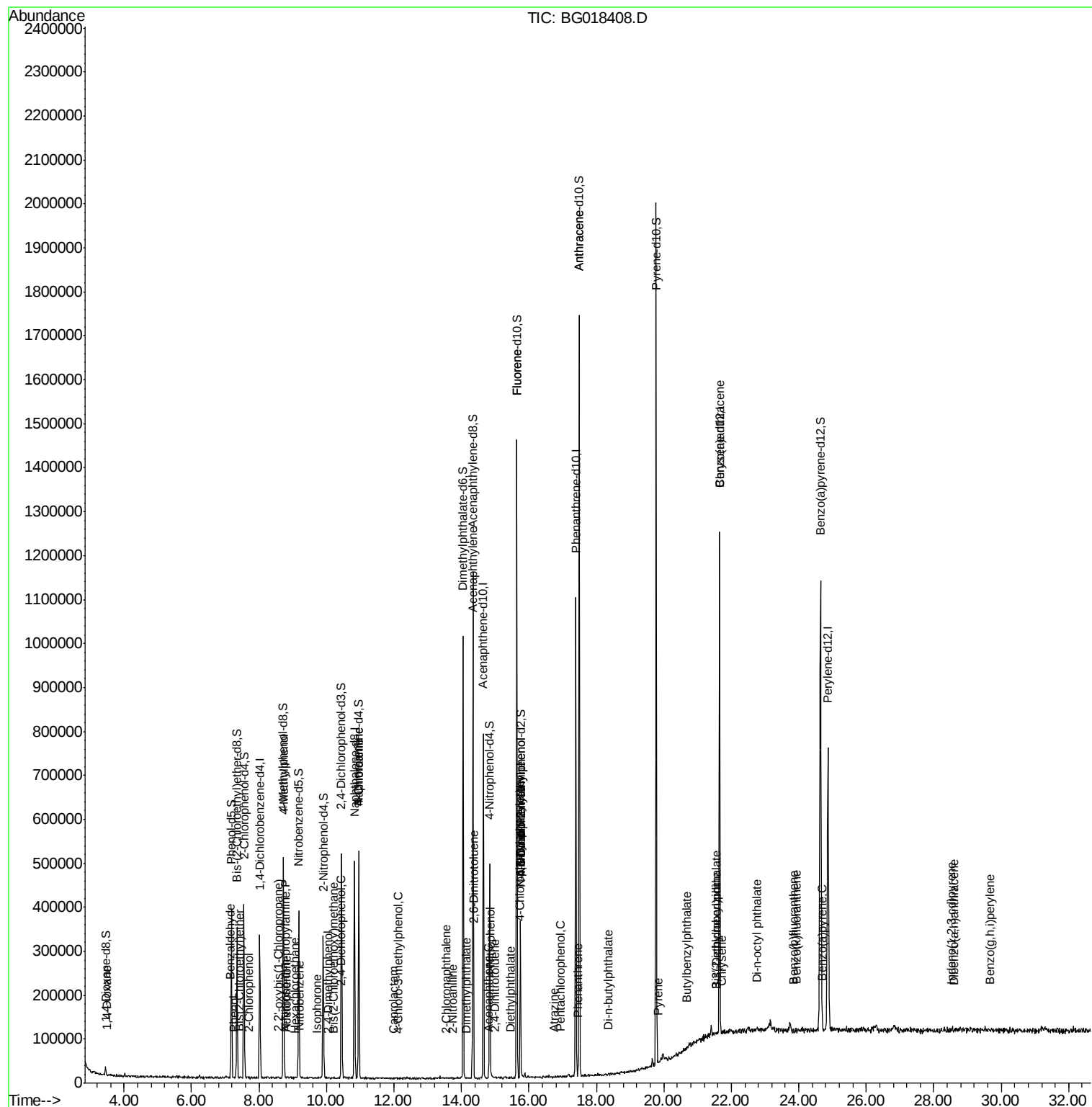
48) Acenaphthylene	14.35	152	81	0.00	ng/ul#	1
50) Acenaphthene	14.80	153	55	0.00	ng/ul#	1
53) 4-Nitrophenol	14.86	109	141	0.04	ng/ul#	1
55) 2,4-Dinitrotoluene	14.99	165	59	0.01	ng/ul#	34
57) Diethylphthalate	15.46	149	320	0.01	ng/ul#	58
59) Fluorene	15.65	166	1632	0.07	ng/ul#	46
60) 4-Chlorophenyl-phenylether	15.74	204	132	0.01	ng/ul#	56
61) 4-Nitroaniline	15.75	138	823	0.17	ng/ul#	1
64) 4,6-Dinitro-2-methylphenol	15.75	198	583	0.17	ng/ul#	1
65) N-Nitrosodiphenylamine	15.76	169	745	0.04	ng/ul#	63
68) Atrazine	16.75	200	142	0.02	ng/ul#	37
69) Pentachlorophenol	16.93	266	126	0.03	ng/ul#	16
70) Phenanthrene	17.46	178	137	0.00	ng/ul#	58
72) Anthracene	17.49	178	615	0.02	ng/ul#	1
76) Di-n-butylphthalate	18.35	149	414	0.01	ng/ul#	44
80) Pyrene	19.81	202	76	0.00	ng/ul#	67
81) Butylbenzylphthalate	20.68	149	488	0.03	ng/ul#	34
82) 3,3'-Dichlorobenzidine	21.54	252	630	0.05	ng/ul#	22
83) Benzo(a)anthracene	21.66	228	2261	0.06	ng/ul#	66
84) Bis(2-ethylhexyl)phthalate	21.54	149	856	0.03	ng/ul#	89
85) Chrysene	21.72	228	92	0.00	ng/ul#	1
87) Di-n-octyl phthalate	22.76	149	454	0.01	ng/ul	100
88) Benzo(b)fluoranthene	23.84	252	238	0.01	ng/ul#	1
89) Benzo(k)fluoranthene	23.93	252	321	0.01	ng/ul#	1
91) Benzo(a)pyrene	24.70	252	113	0.00	ng/ul#	1
92) Indeno(1,2,3-cd)pyrene	28.52	276	65	0.00	ng/ul#	1
93) Dibenzo(a,h)anthracene	28.58	278	115	0.00	ng/ul#	1
94) Benzo(g,h,i)perylene	29.67	276	91	0.00	ng/ul#	9

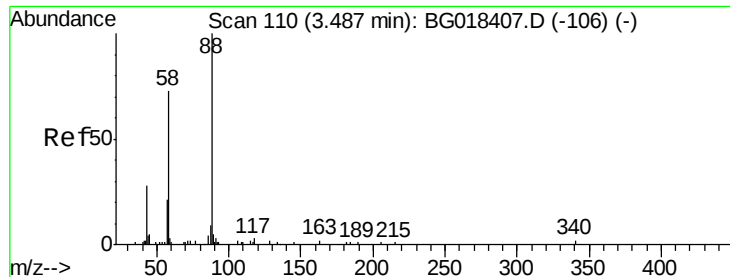
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.09 ng/uL

RT: 3.48 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG018408.D

Acq: 12 Aug 2015 21:44

Instrument :

BNA_G

ClientSampleId :

MDL-01-S-ML

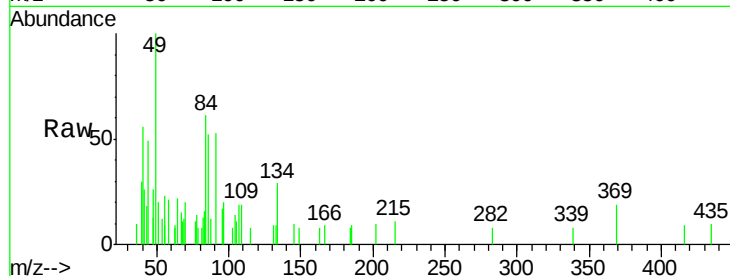
Tgt Ion: 88 Resp: 210

Ion Ratio Lower Upper

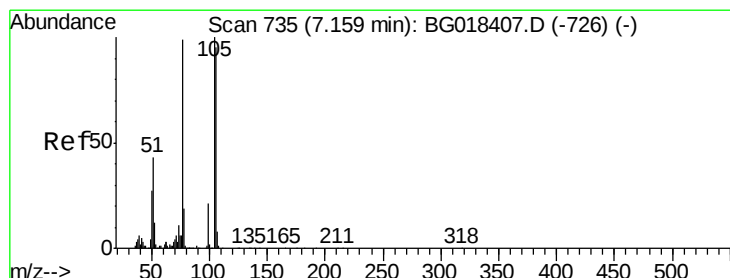
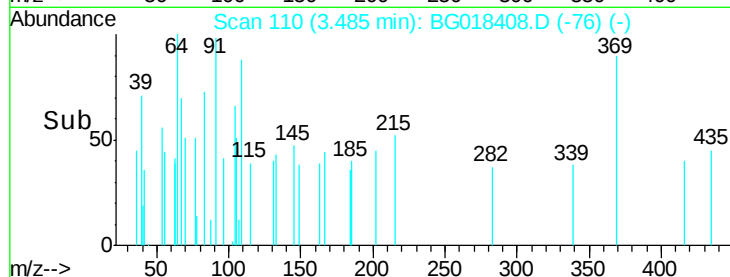
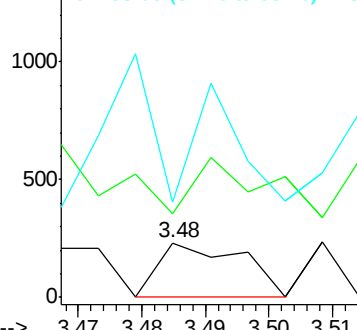
88 100

43 153.0 33.0 49.4#

58 173.7 73.4 110.0#



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



#4

Benzaldehyde

Concen: 0.08 ng/uL

RT: 7.16 min Scan# 735

Delta R.T. -0.00 min

Lab File: BG018408.D

Acq: 12 Aug 2015 21:44

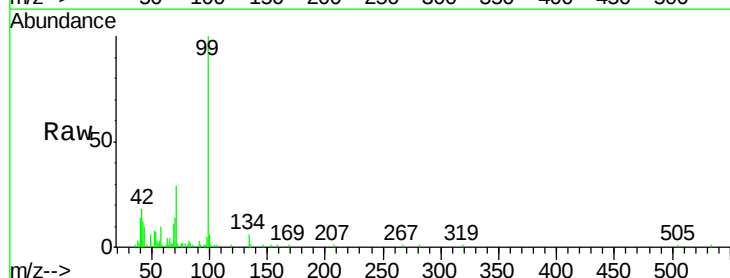
Tgt Ion: 77 Resp: 415

Ion Ratio Lower Upper

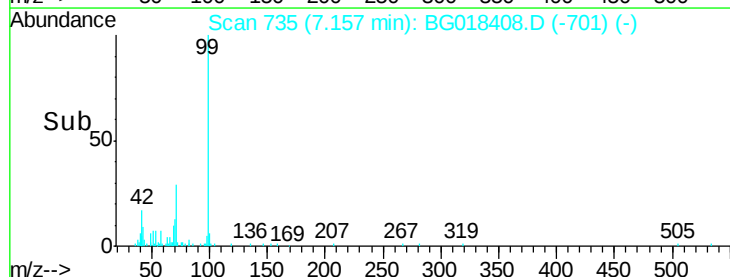
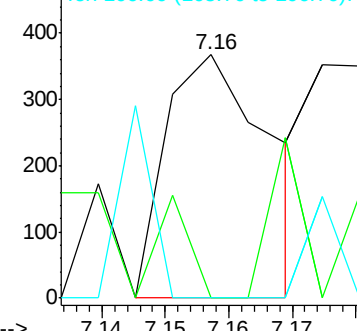
77 100

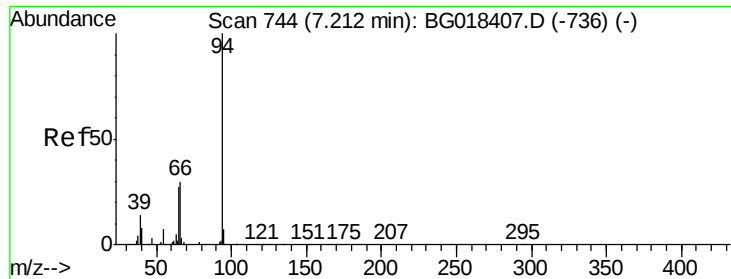
105 0.0 78.2 117.2#

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: 0.02 ng/ul

RT: 7.26 min Scan# 752

Delta R.T. 0.04 min

Lab File: BG018408.D

Acq: 12 Aug 2015 21:44

Instrument :

BNA_G

ClientSampleId :

MDL-01-S-ML

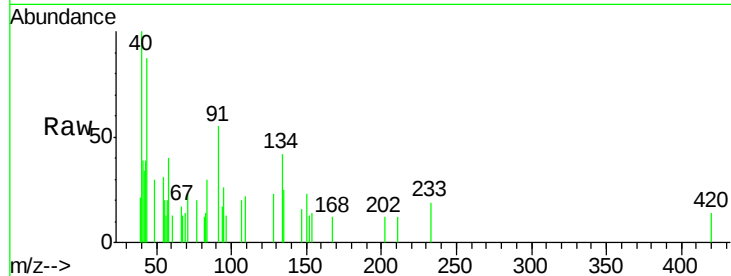
Tgt Ion: 94 Resp: 213

Ion Ratio Lower Upper

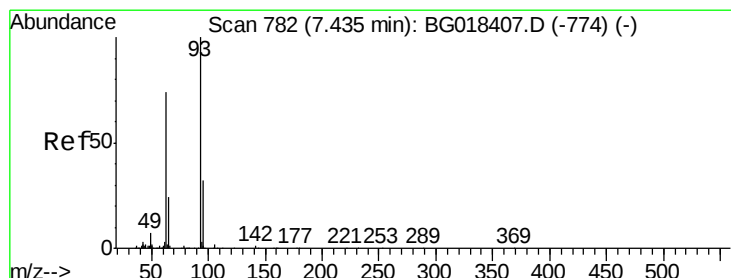
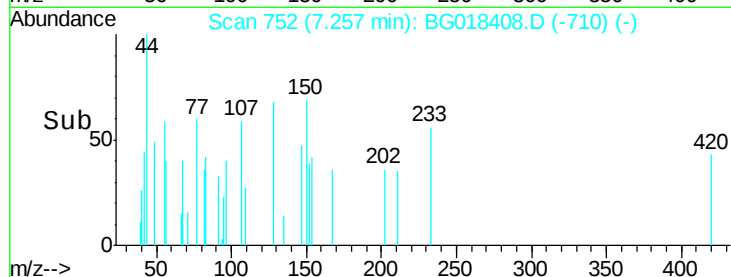
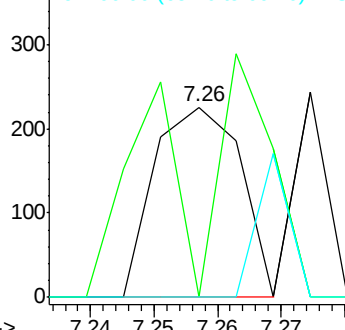
94 100

65 0.0 23.0 34.6#

66 0.0 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: 0.10 ng/ul

RT: 7.43 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG018408.D

Acq: 12 Aug 2015 21:44

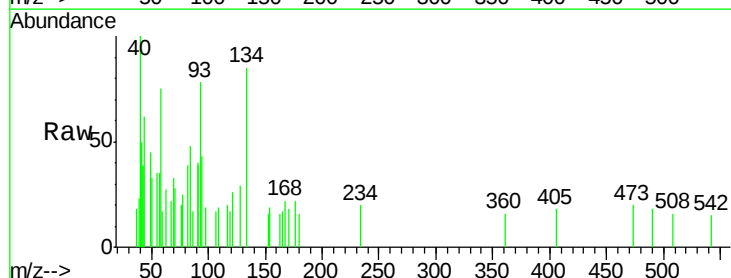
Tgt Ion: 93 Resp: 701

Ion Ratio Lower Upper

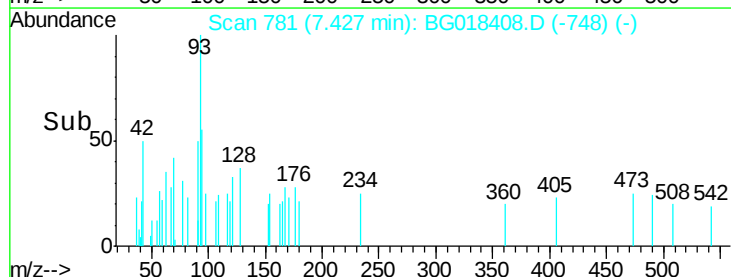
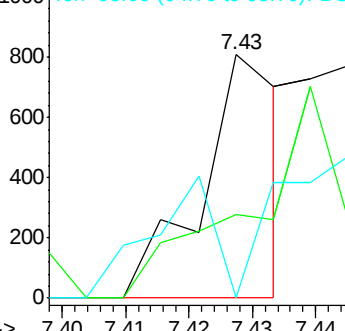
93 100

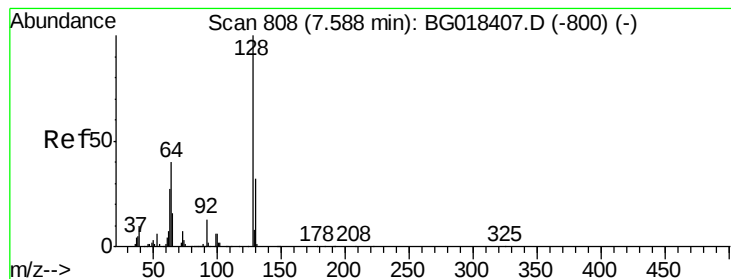
63 34.5 61.4 92.2#

95 0.0 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: 0.02 ng/ul

RT: 7.69 min Scan# 826

Delta R.T. 0.10 min

Lab File: BG018408.D

Acq: 12 Aug 2015 21:44

Instrument :

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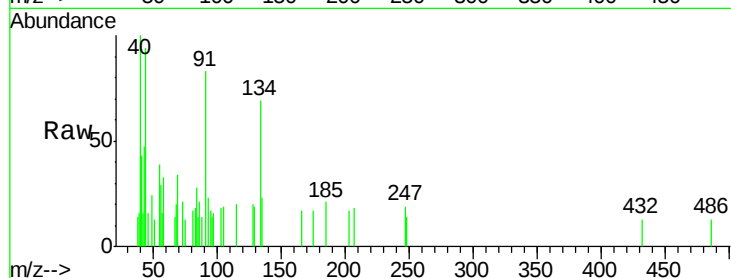
Tgt Ion:128 Resp: 152

Ion Ratio Lower Upper

128 100

64 0.0 40.9 61.3#

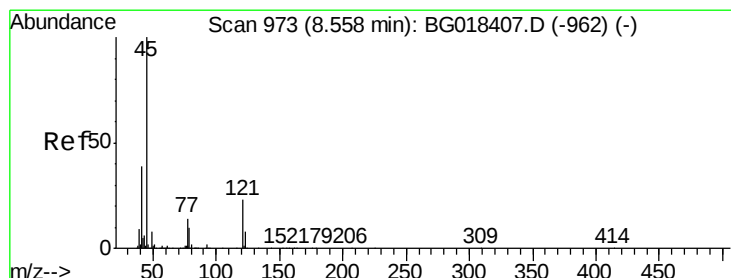
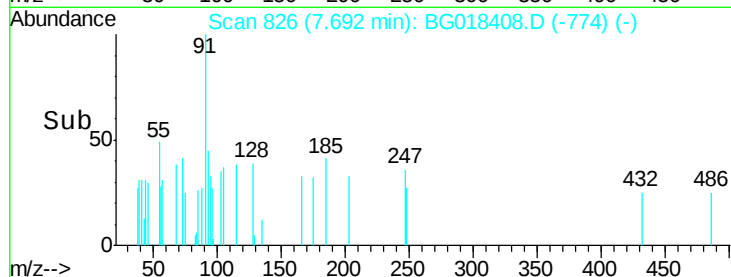
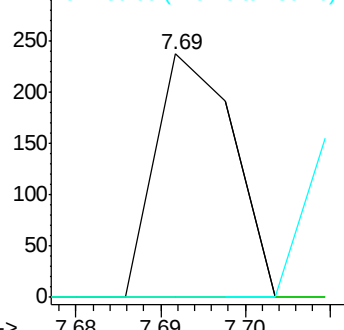
130 0.0 24.5 36.7#



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: 0.01 ng/ul

RT: 8.58 min Scan# 977

Delta R.T. 0.02 min

Lab File: BG018408.D

Acq: 12 Aug 2015 21:44

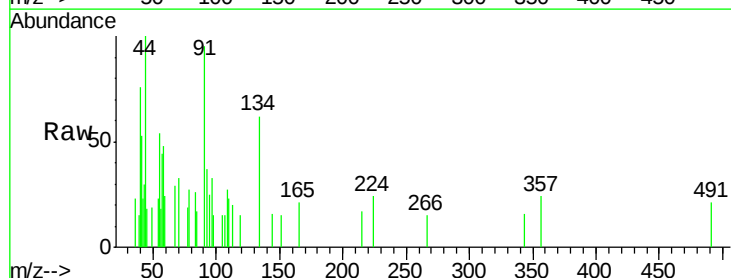
Tgt Ion: 45 Resp: 128

Ion Ratio Lower Upper

45 100

77 105.2 11.3 16.9#

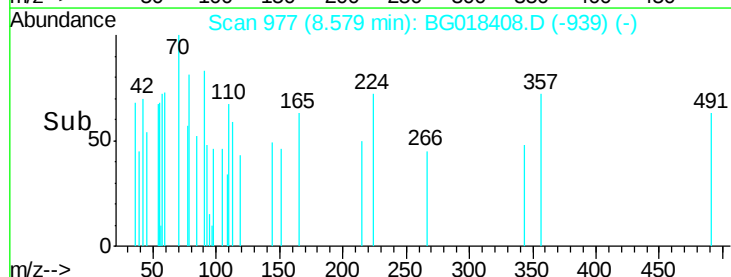
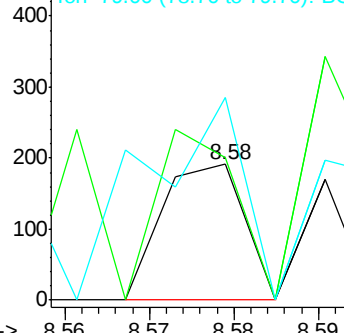
79 149.7 7.8 11.8#

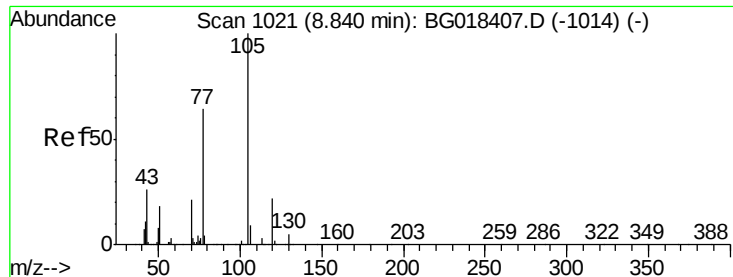


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#14

Acetophenone

Concen: 0.02 ng/ul

RT: 8.82 min Scan# 1018

Delta R.T. -0.02 min

Lab File: BG018408.D

Acq: 12 Aug 2015 21:44

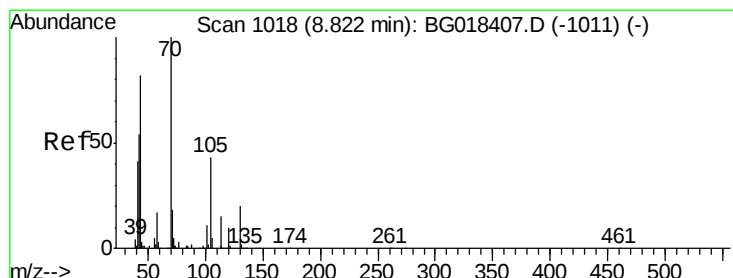
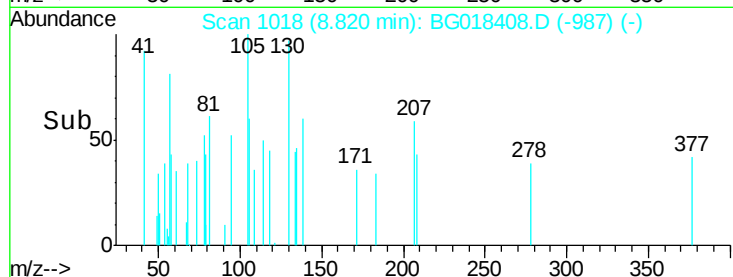
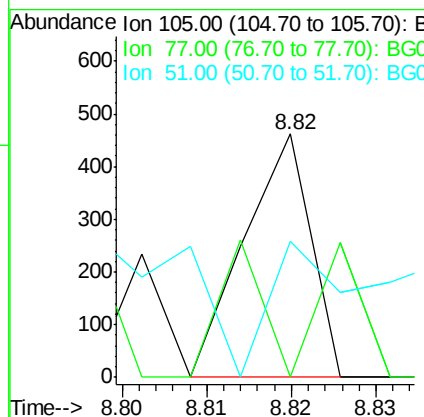
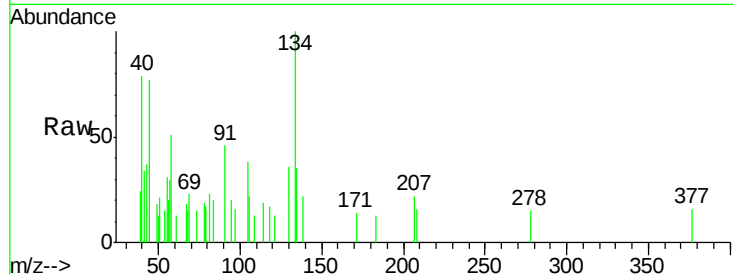
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Tgt Ion:	105	Resp:	251
Ion	Ratio	Lower	Upper
105	100		
77	0.0	61.9	92.9#
51	56.1	25.5	38.3#



#15

N-Nitroso-di-n-propylamine

Concen: 0.02 ng/ul

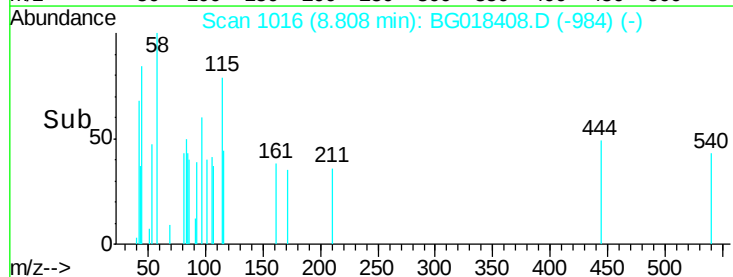
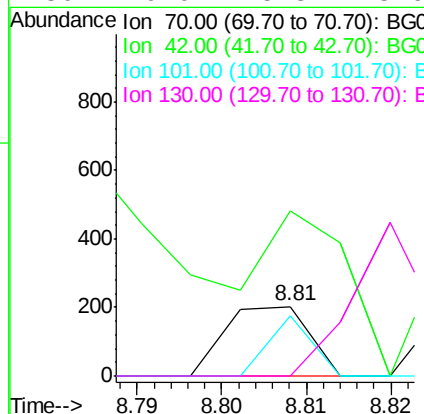
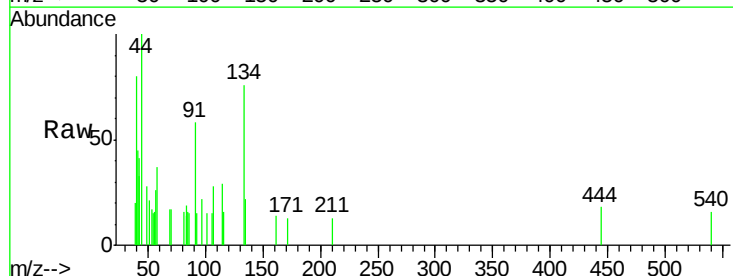
RT: 8.81 min Scan# 1016

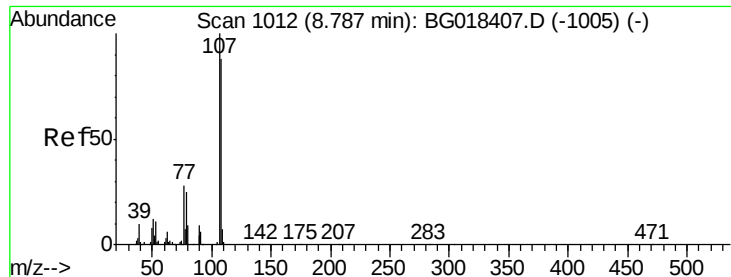
Delta R.T. -0.01 min

Lab File: BG018408.D

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Tgt Ion:	70	Resp:	140
Ion	Ratio	Lower	Upper
70	100		
42	428.7	50.7	76.1#
101	86.6	7.4	11.2#
130	0.0	15.8	23.6#

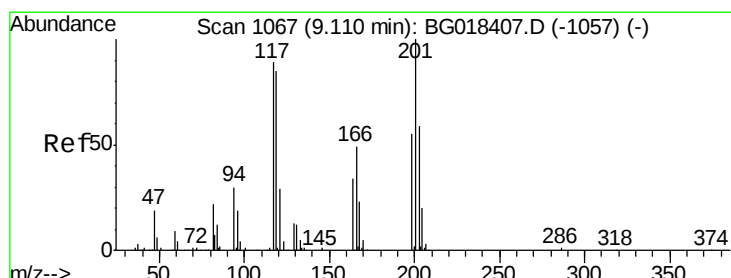
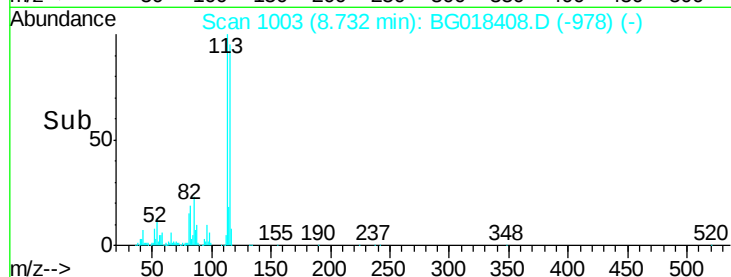
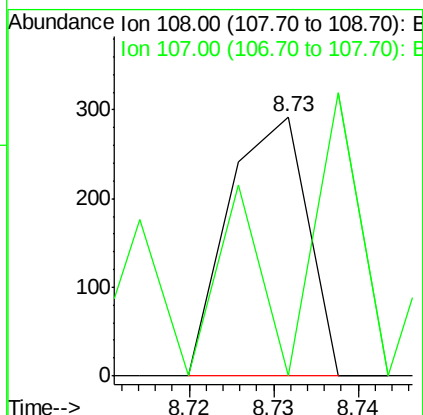
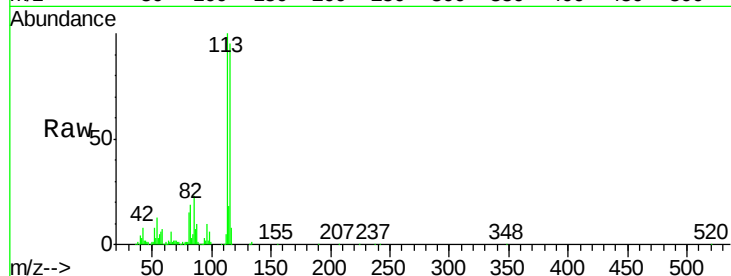




#16
4-Methylphenol
Concen: 0.03 ng/ul
RT: 8.73 min Scan# 1003
Delta R.T. -0.06 min
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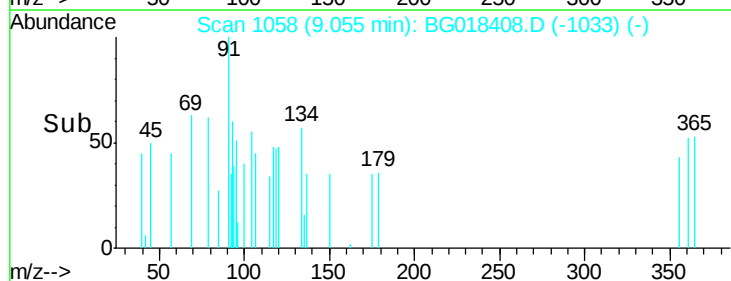
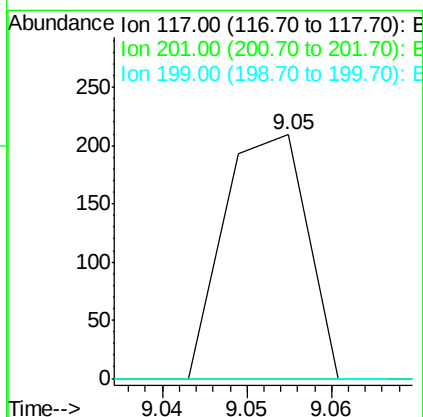
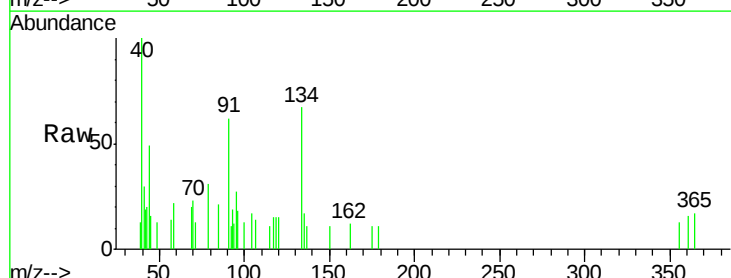
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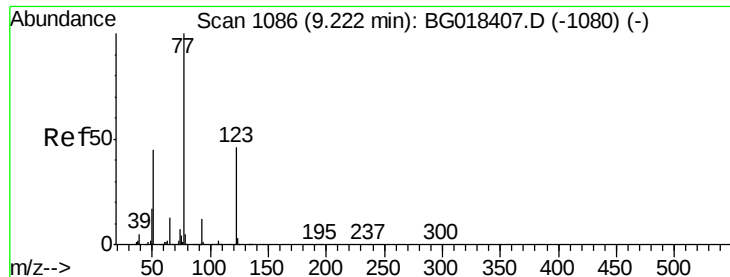
Tgt Ion:108 Resp: 188
Ion Ratio Lower Upper
108 100
107 0.0 94.6 142.0#



#17
Hexachloroethane
Concen: 0.05 ng/ul
RT: 9.05 min Scan# 1058
Delta R.T. -0.06 min
Lab File: BG018408.D
Acq: 12 Aug 2015 21:44

Tgt Ion:117 Resp: 142
Ion Ratio Lower Upper
117 100
201 0.0 73.6 110.4#
199 0.0 48.6 72.8#

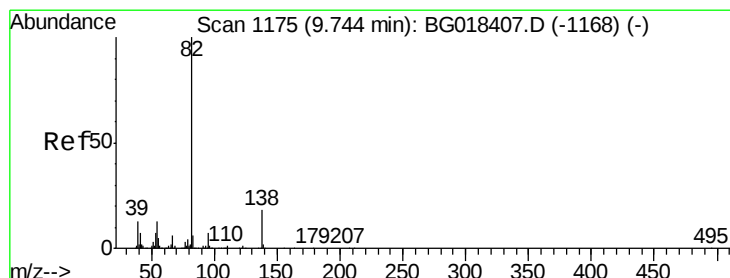
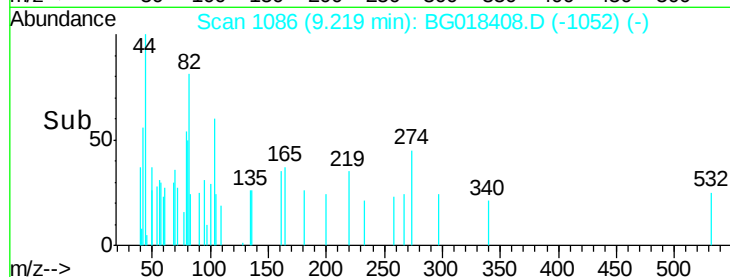
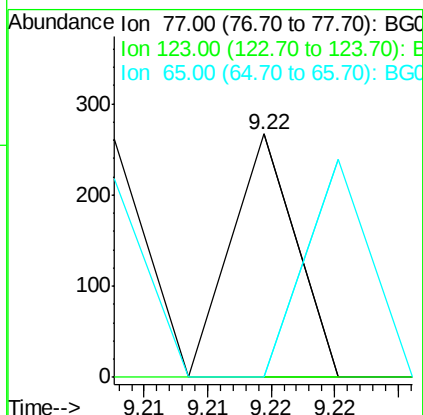
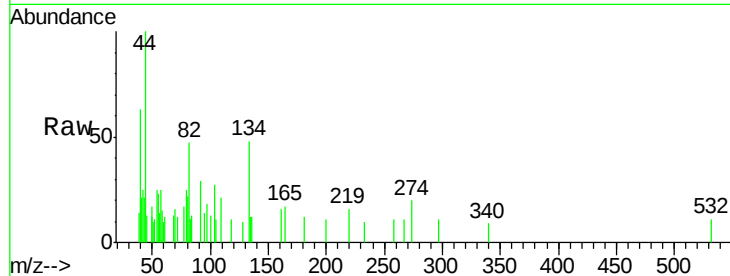




#20
Nitrobenzene
Concen: 0.01 ng/ul
RT: 9.22 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BG018408.D
Acq: 12 Aug 2015 21:44

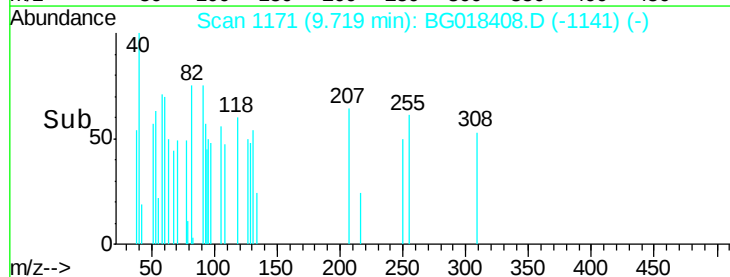
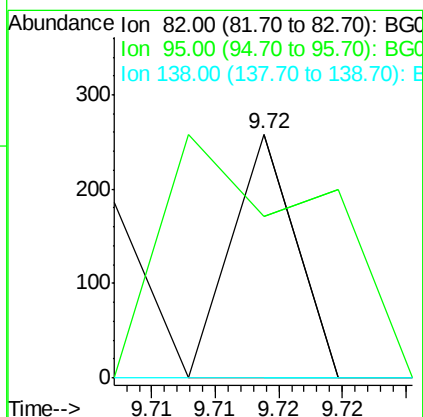
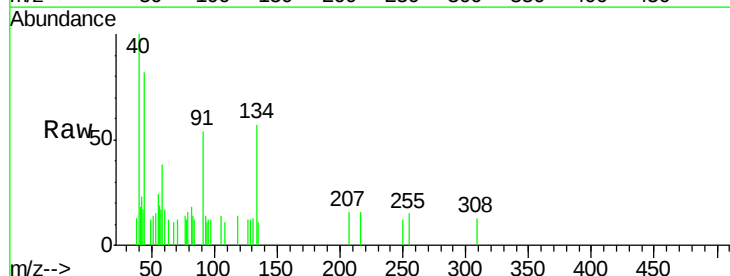
Instrument :
BNA_G
ClientSampleId :
MDL-01-S-ML

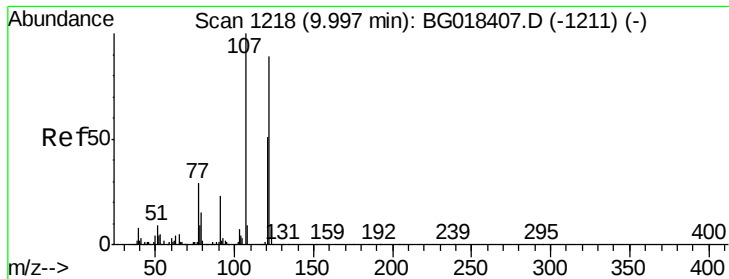
Tgt Ion: 77 Resp: 94
Ion Ratio Lower Upper
77 100
123 0.0 32.8 49.2#
65 0.0 12.2 18.2#



#21
Isophorone
Concen: 0.01 ng/ul
RT: 9.72 min Scan# 1171
Delta R.T. -0.03 min
Lab File: BG018408.D
Acq: 12 Aug 2015 21:44

Tgt Ion: 82 Resp: 91
Ion Ratio Lower Upper
82 100
95 66.3 5.2 7.8#
138 0.0 13.8 20.8#

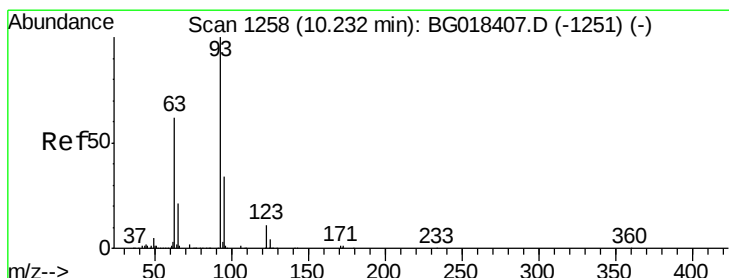
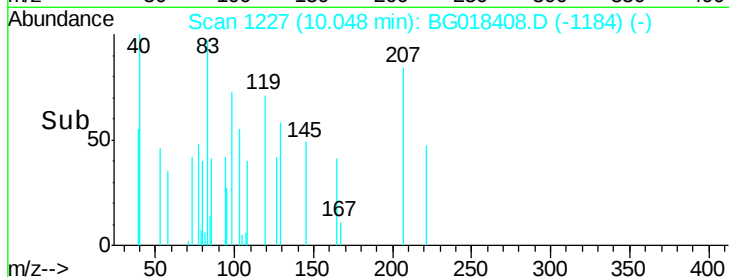
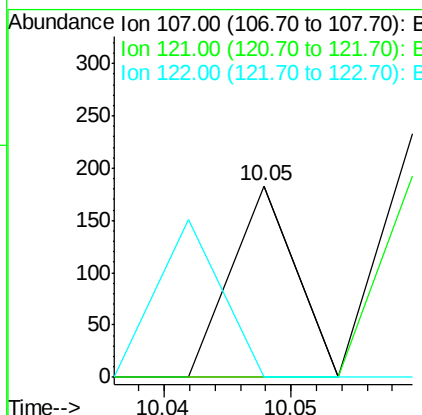
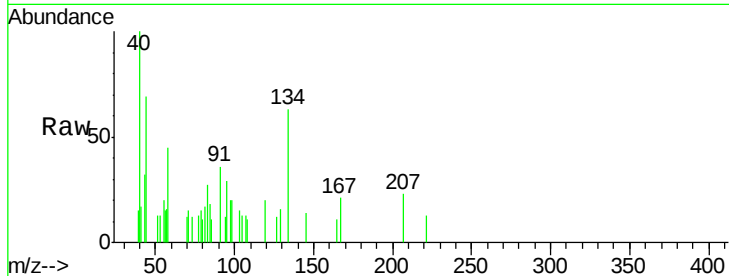




#24
2,4-Dimethylphenol
Concen: 0.01 ng/ul
RT: 10.05 min Scan# 1227
Delta R.T. 0.05 min
Lab File: BG018408.D
Acq: 12 Aug 2015 21:44

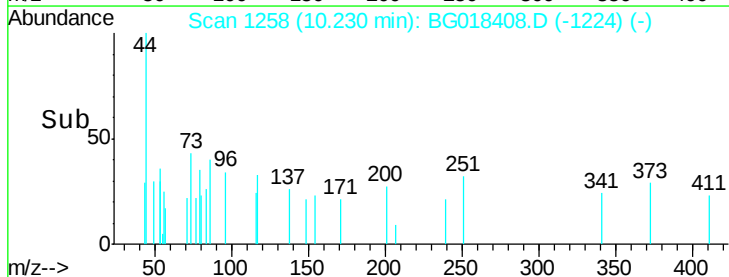
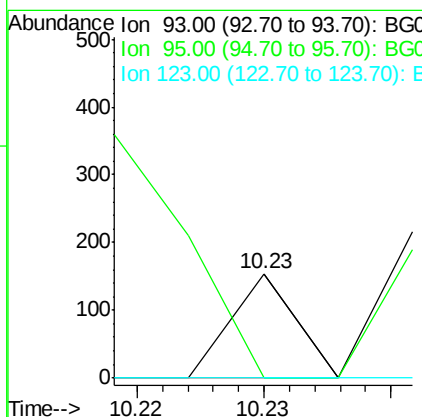
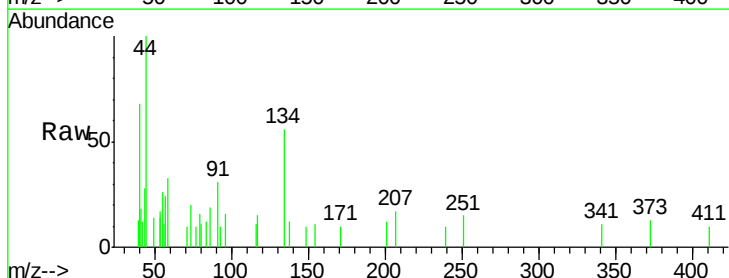
Instrument :
BNA_G
ClientSampleId :
MDL-01-S-ML

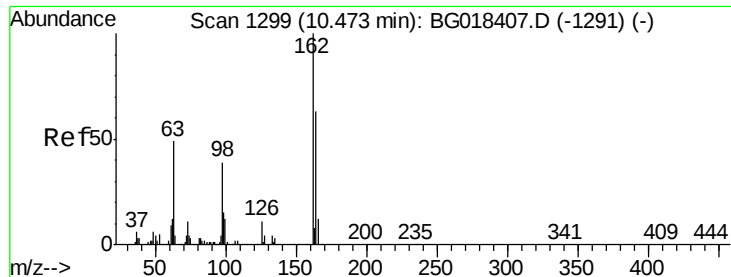
Tgt Ion: 107 Resp: 65
Ion Ratio Lower Upper
107 100
121 0.0 41.3 61.9#
122 0.0 71.9 107.9#



#25
Bis(2-Chloroethoxy)methane
Concen: 0.01 ng/ul
RT: 10.23 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BG018408.D
Acq: 12 Aug 2015 21:44

Tgt Ion: 93 Resp: 54
Ion Ratio Lower Upper
93 100
95 0.0 24.1 36.1#
123 0.0 8.9 13.3#

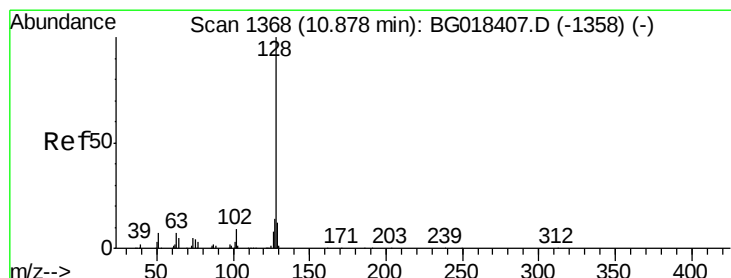
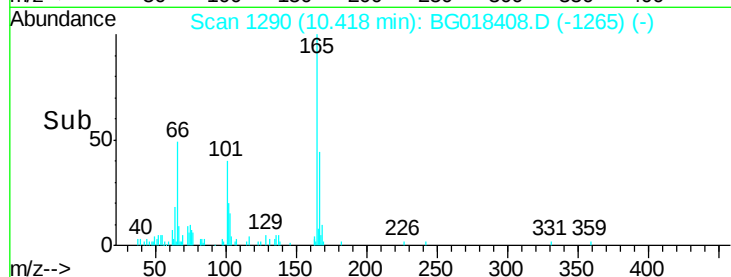
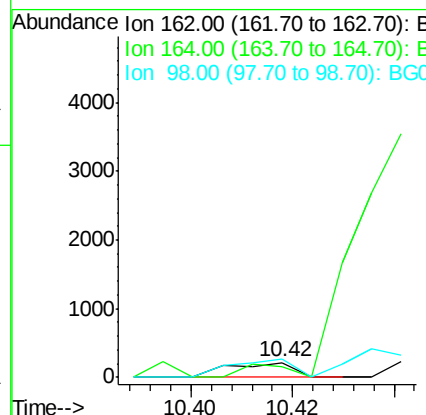
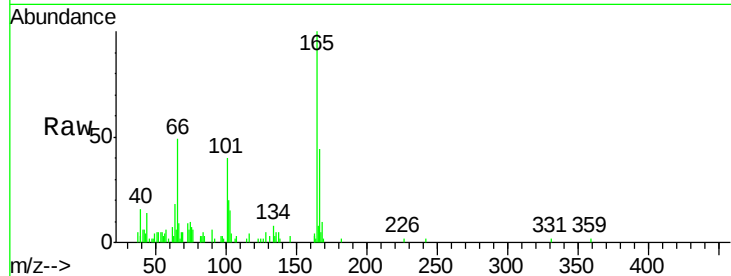




#27
2,4-Dichlorophenol
Concen: 0.03 ng/ul
RT: 10.42 min Scan# 1290
Delta R.T. -0.06 min
Lab File: BG018408.D
Acq: 12 Aug 2015 21:44

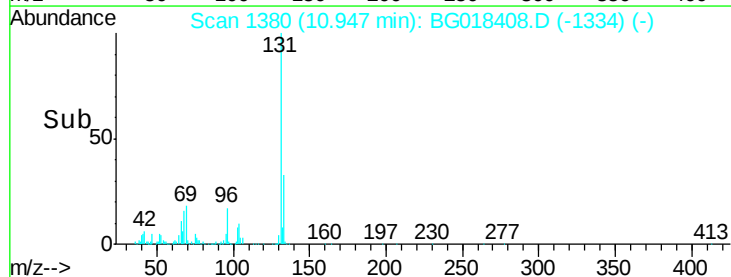
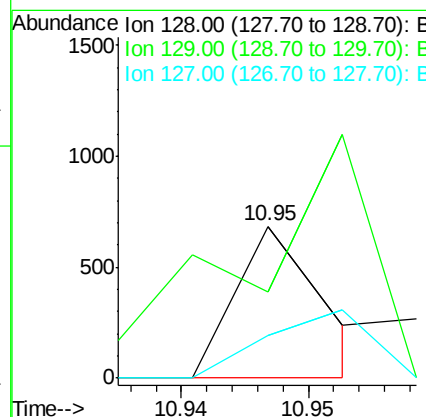
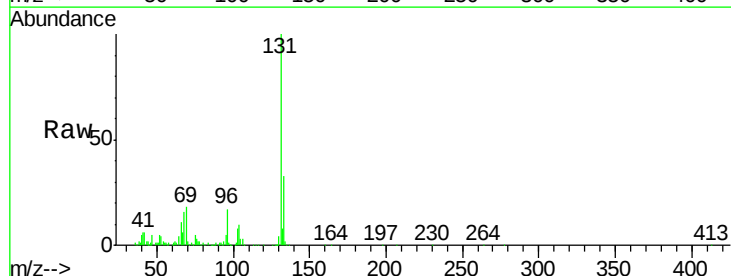
Instrument :
BNA_G
ClientSampleId :
MDL-01-S-ML

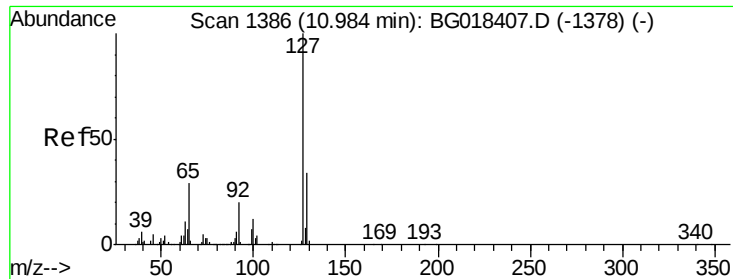
Tgt Ion:162 Resp: 192
Ion Ratio Lower Upper
162 100
164 71.4 51.7 77.5
98 122.1 30.4 45.6#



#28
Naphthalene
Concen: 0.01 ng/ul
RT: 10.95 min Scan# 1380
Delta R.T. 0.07 min
Lab File: BG018408.D
Acq: 12 Aug 2015 21:44

Tgt Ion:128 Resp: 326
Ion Ratio Lower Upper
128 100
129 56.4 9.6 14.4#
127 28.3 10.5 15.7#

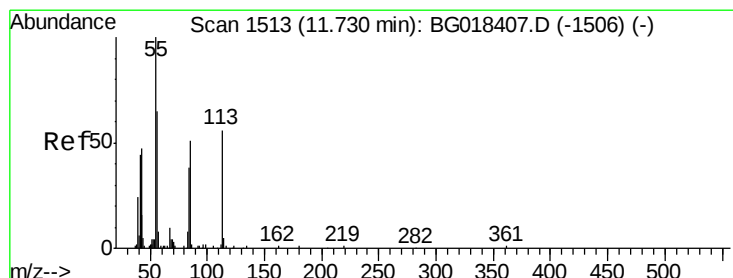
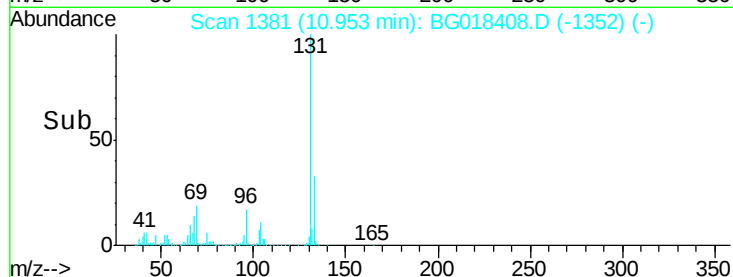
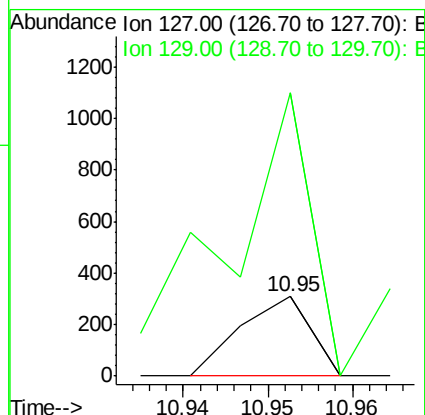
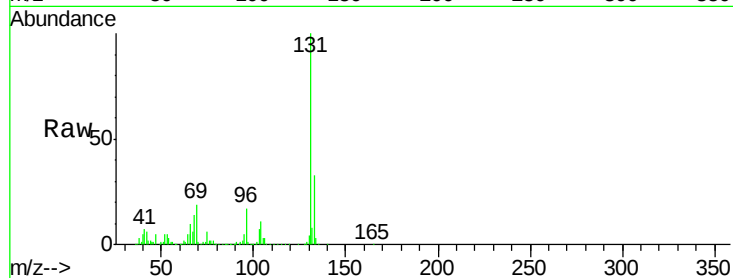




#30
4-Chloroaniline
Concen: 0.02 ng/ul
RT: 10.95 min Scan# 1381
Delta R.T. -0.03 min
Lab File: BG018408.D
Acq: 12 Aug 2015 21:44

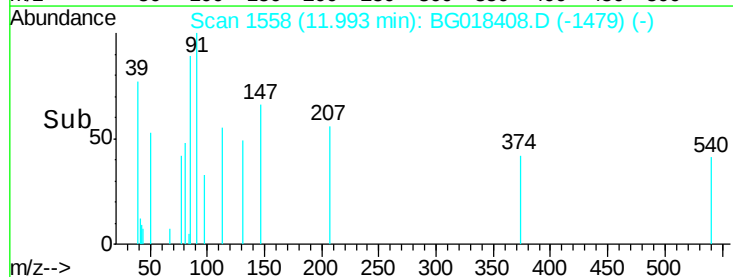
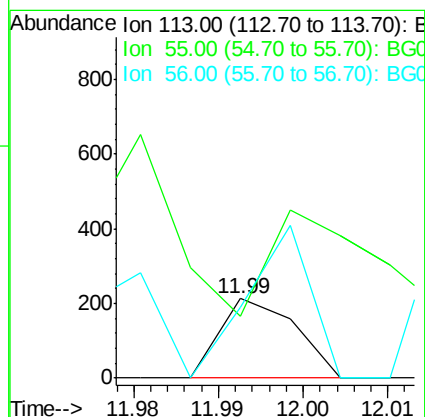
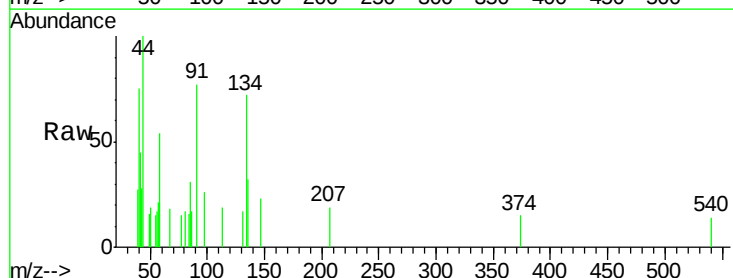
Instrument :
BNA_G
ClientSampleId :
MDL-01-S-ML

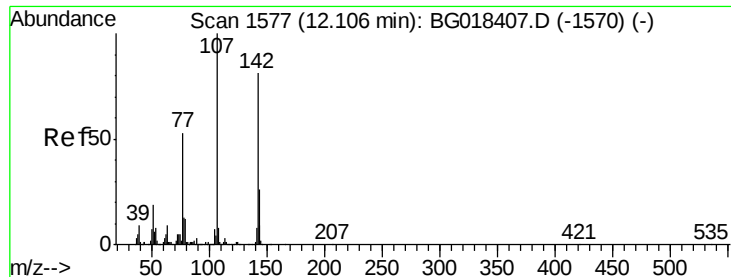
Tgt Ion:127 Resp: 177
Ion Ratio Lower Upper
127 100
129 355.3 26.7 40.1#



#32
Caprolactam
Concen: 0.05 ng/ul
RT: 11.99 min Scan# 1558
Delta R.T. 0.26 min
Lab File: BG018408.D
Acq: 12 Aug 2015 21:44

Tgt Ion:113 Resp: 131
Ion Ratio Lower Upper
113 100
55 77.9 124.2 186.4#
56 88.7 98.2 147.4#

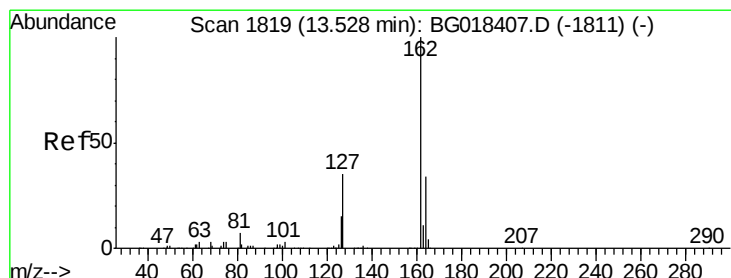
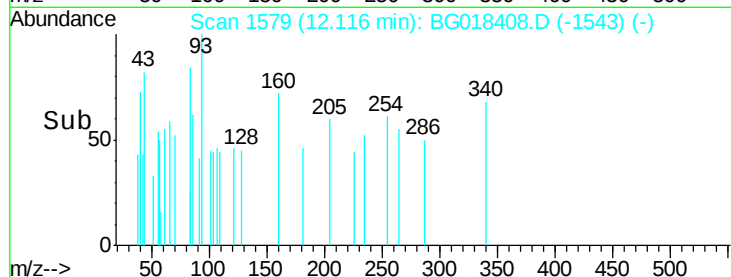
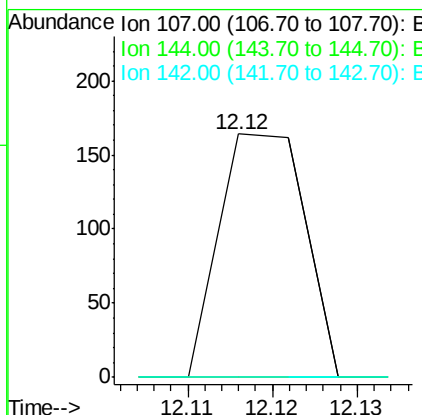
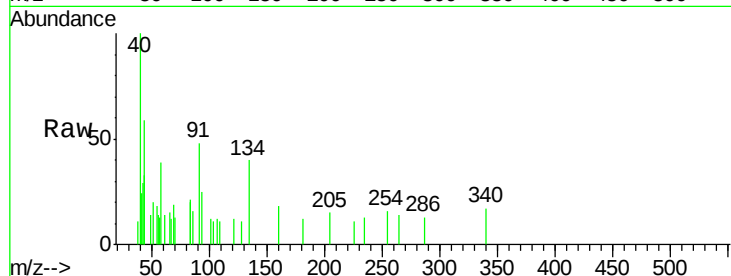




#33
 4-Chloro-3-methylphenol
 Concen: 0.02 ng/ul
 RT: 12.12 min Scan# 1579
 Delta R.T. 0.01 min
 Lab File: BG018408.D
 Acq: 12 Aug 2015 21:44

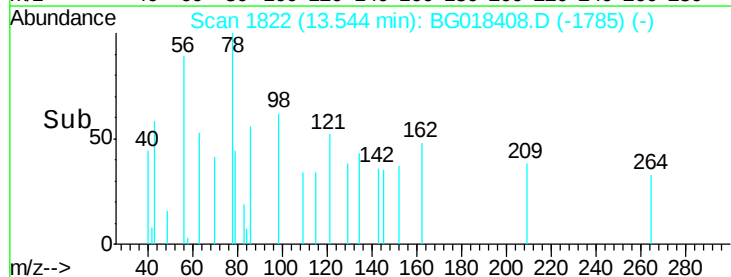
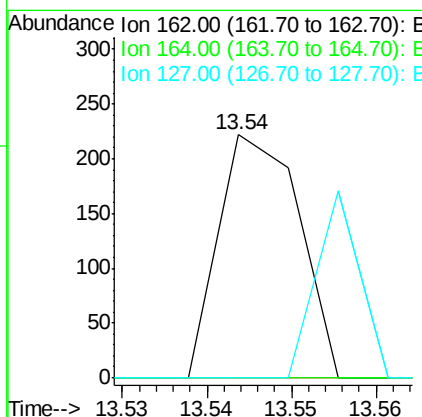
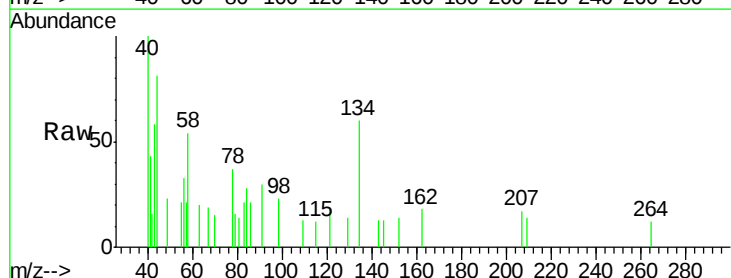
Instrument :
 BNA_G
 ClientSampleId :
 MDL-01-S-ML

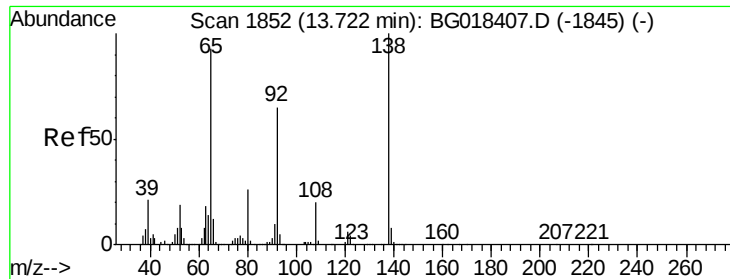
Tgt Ion	Ratio	Lower	Upper
107	100		
144	0.0	21.4	32.2#
142	0.0	66.0	99.0#



#42
 2-Chloronaphthalene
 Concen: 0.01 ng/ul
 RT: 13.54 min Scan# 1822
 Delta R.T. 0.02 min
 Lab File: BG018408.D
 Acq: 12 Aug 2015 21:44

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: 13.73 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BG018408.D

Acq: 12 Aug 2015 21:44

Instrument :

BNA_G

ClientSampleId :

MDL-01-S-ML

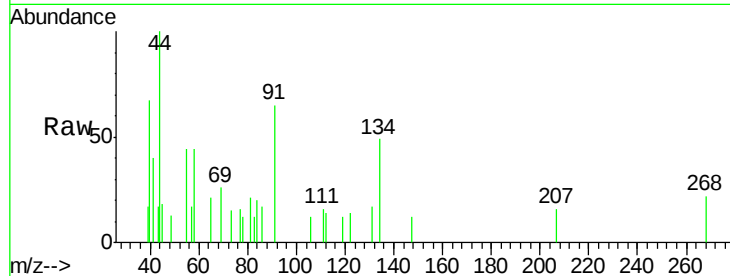
Tgt Ion: 65 Resp: 94

Ion Ratio Lower Upper

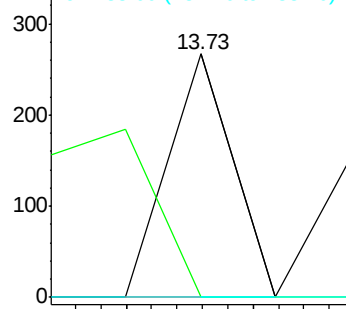
65 100

92 0.0 51.1 76.7#

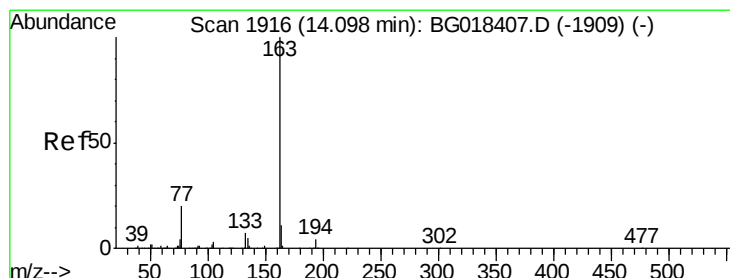
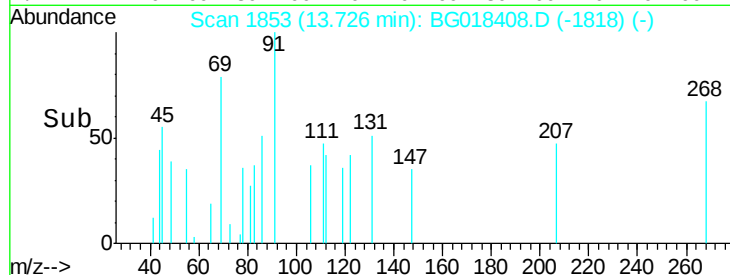
138 0.0 75.1 112.7#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



Time-->



#45

Dimethylphthalate

Concen: 0.01 ng/ul

RT: 14.14 min Scan# 1924

Delta R.T. 0.04 min

Lab File: BG018408.D

Acq: 12 Aug 2015 21:44

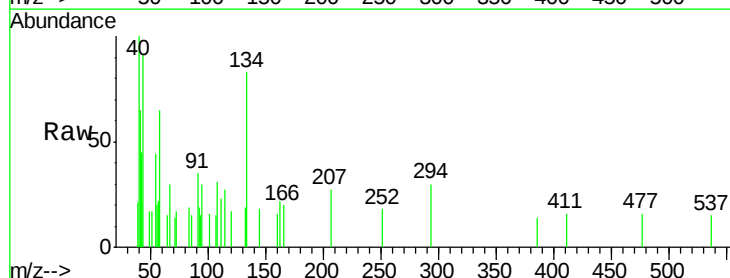
Tgt Ion: 163 Resp: 146

Ion Ratio Lower Upper

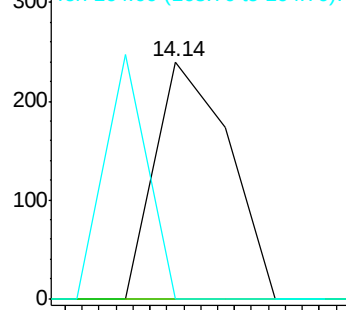
163 100

194 0.0 2.9 4.3#

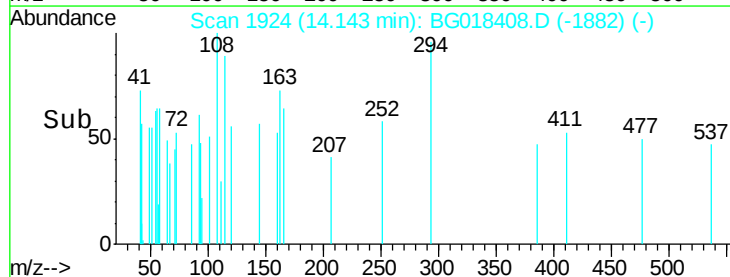
164 0.0 7.7 11.5#

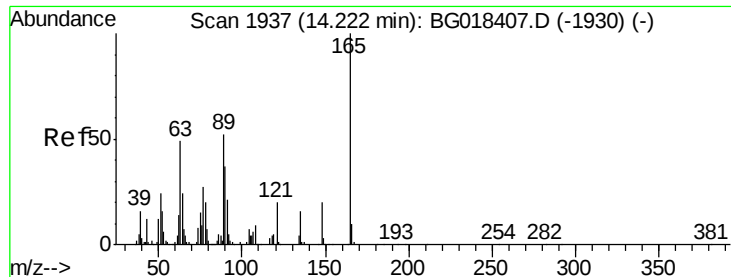


Abundance Ion 163.00 (162.70 to 163.70): BGC
Ion 194.00 (193.70 to 194.70): BGC
Ion 164.00 (163.70 to 164.70): BGC



Time-->

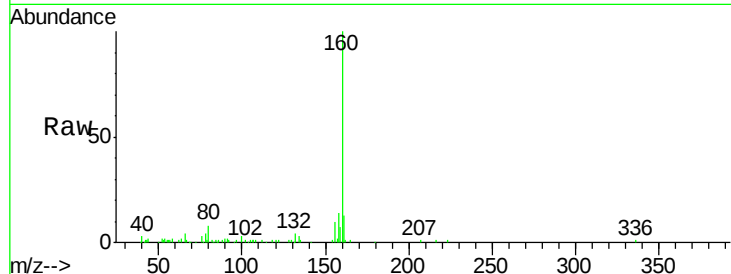




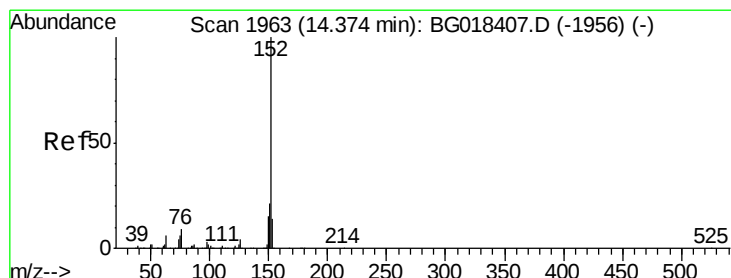
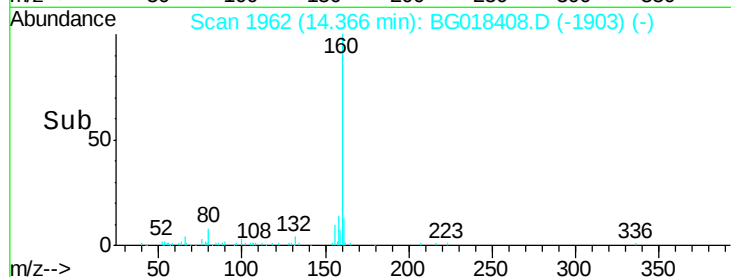
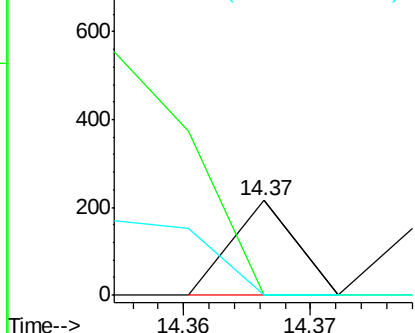
#46
 2,6-Dinitrotoluene
 Concen: 0.02 ng/ul
 RT: 14.37 min Scan# 1962
 Delta R.T. 0.14 min
 Lab File: BG018408.D
 Acq: 12 Aug 2015 21:44

Instrument :
 BNA_G
 ClientSampleId :
 MDL-01-S-ML

Tgt Ion	Ratio	Lower	Upper
165	100		
89	0.0	50.2	75.2#
121	0.0	19.4	29.2#

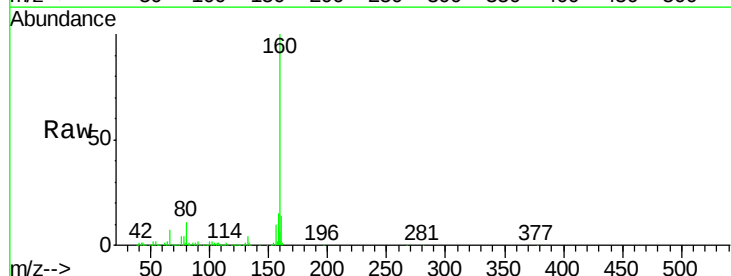


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BG
 Ion 121.00 (120.70 to 121.70): E

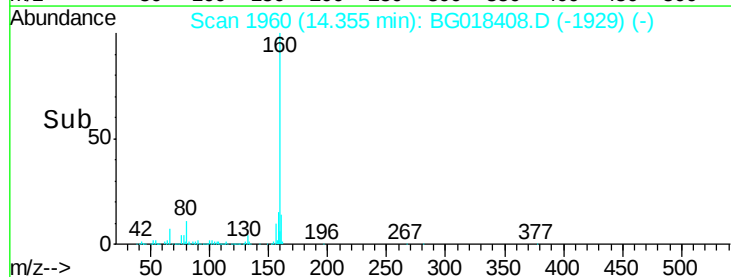
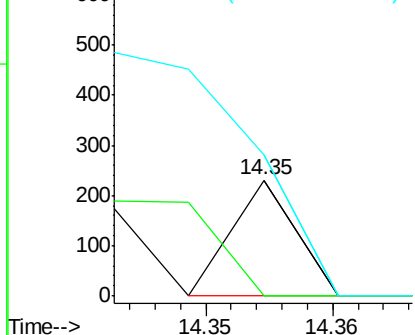


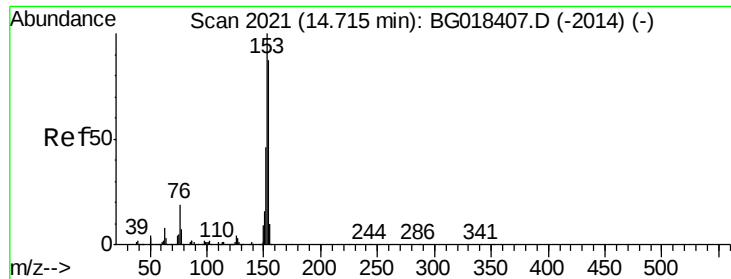
#48
 Acenaphthylene
 Concen: 0.00 ng/ul
 RT: 14.35 min Scan# 1960
 Delta R.T. -0.02 min
 Lab File: BG018408.D
 Acq: 12 Aug 2015 21:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.4	23.2#
153	122.2	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: 14.80 min Scan# 2035

Delta R.T. 0.08 min

Lab File: BG018408.D

Acq: 12 Aug 2015 21:44

Instrument :

BNA_G

ClientSampleId :

MDL-01-S-ML

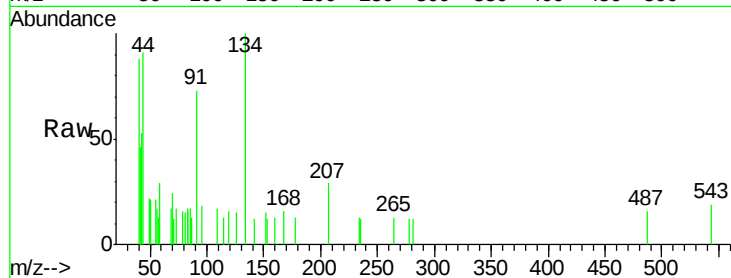
Tgt Ion:153 Resp: 55

Ion Ratio Lower Upper

153 100

152 121.7 38.2 57.4#

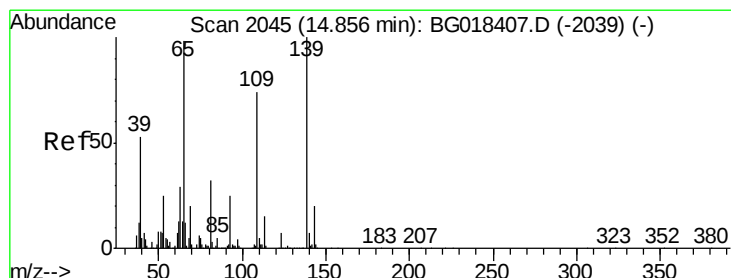
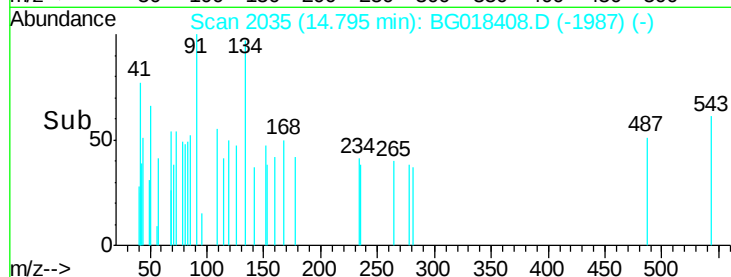
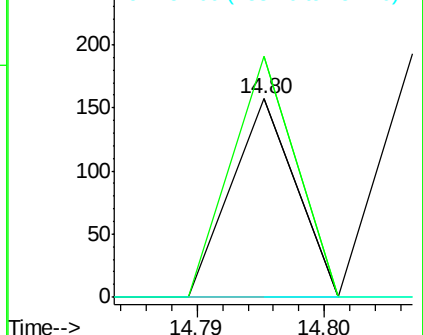
154 0.0 68.6 103.0#



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

4-Nitrophenol

Concen: 0.04 ng/ul

RT: 14.86 min Scan# 2046

Delta R.T. 0.00 min

Lab File: BG018408.D

Acq: 12 Aug 2015 21:44

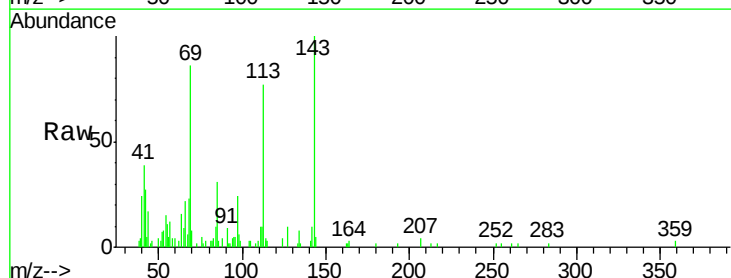
Tgt Ion:109 Resp: 141

Ion Ratio Lower Upper

109 100

139 0.0 111.3 166.9#

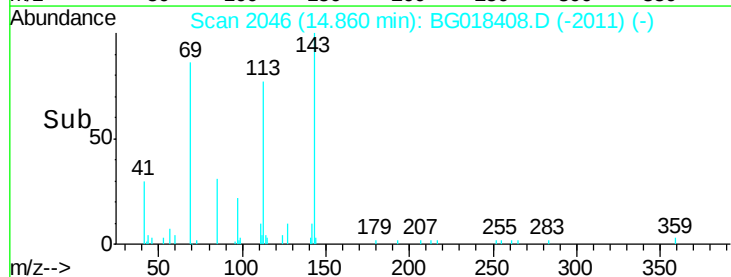
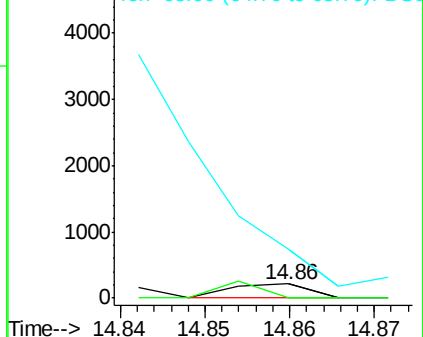
65 337.3 105.3 157.9#

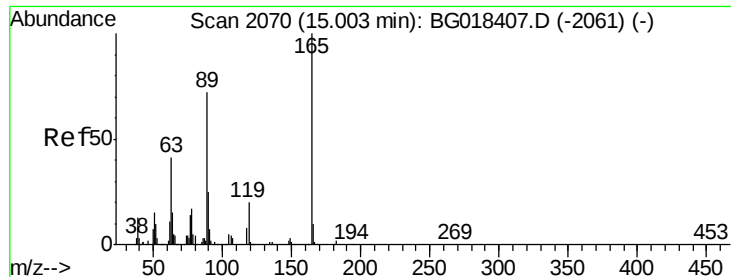


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC

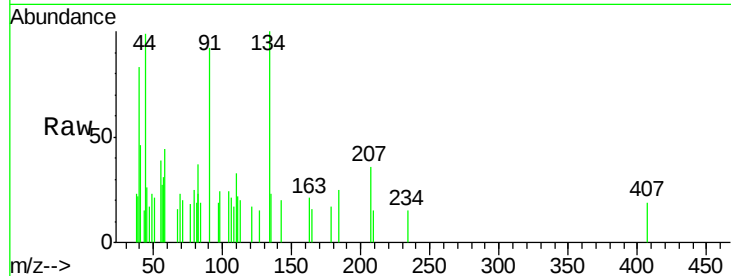




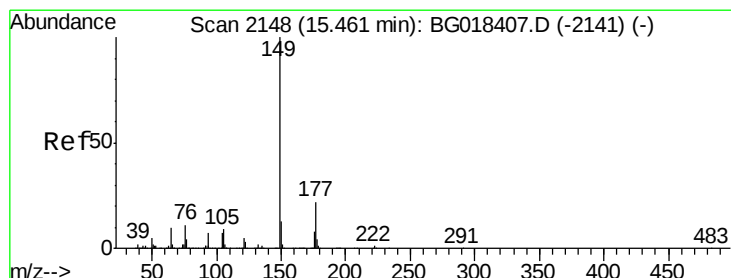
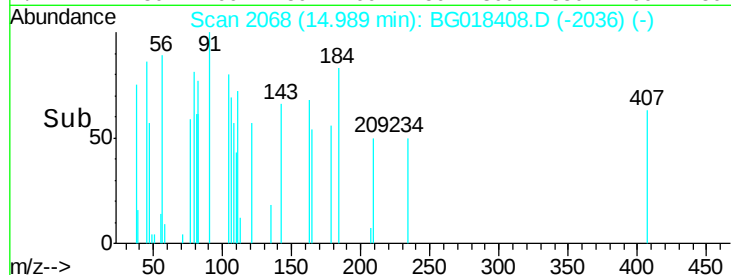
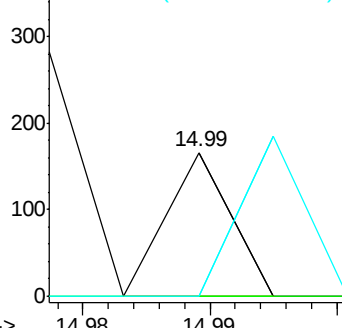
#55
2,4-Dinitrotoluene
Concen: 0.01 ng/ul
RT: 14.99 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BG018408.D
Acq: 12 Aug 2015 21:44

Instrument :
BNA_G
ClientSampleId :
MDL-01-S-ML

Tgt Ion:165 Resp: 59
Ion Ratio Lower Upper
165 100
63 0.0 36.7 55.1#
182 0.0 2.2 3.2#

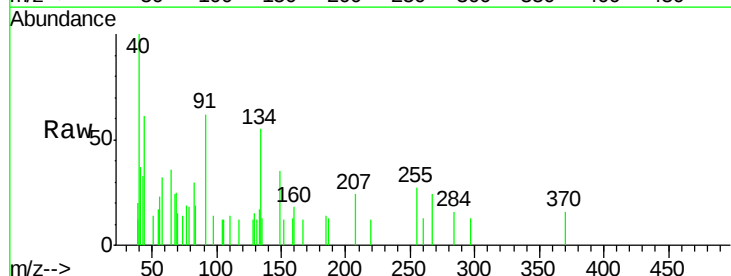


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 182.00 (181.70 to 182.70): E

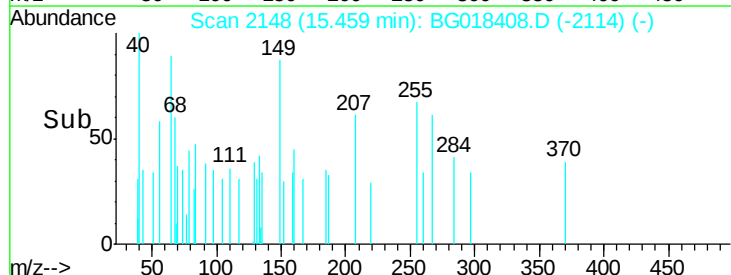
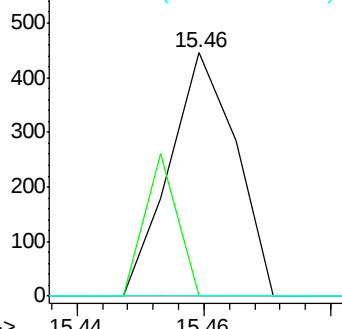


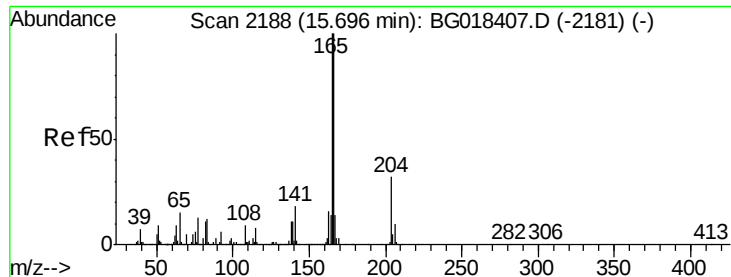
#57
Diethylphthalate
Concen: 0.01 ng/ul
RT: 15.46 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG018408.D
Acq: 12 Aug 2015 21:44

Tgt Ion:149 Resp: 320
Ion Ratio Lower Upper
149 100
177 0.0 18.2 27.4#
150 0.0 9.7 14.5#



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





#59

Fluorene

Concen: 0.07 ng/ul

RT: 15.65 min Scan# 2180

Delta R.T. -0.05 min

Lab File: BG018408.D

Acq: 12 Aug 2015 21:44

Instrument :

BNA_G

ClientSampleId :

MDL-01-S-ML

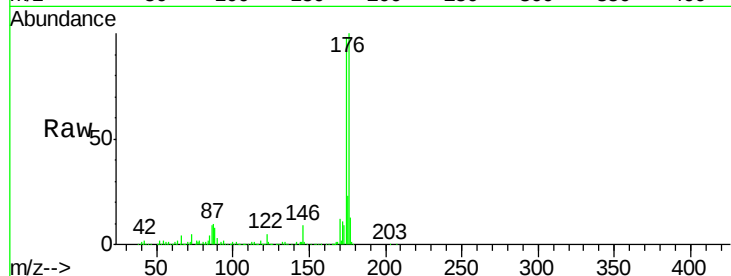
Tgt Ion:166 Resp: 1632

Ion Ratio Lower Upper

166 100

165 48.5 82.6 124.0#

167 37.1 11.4 17.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

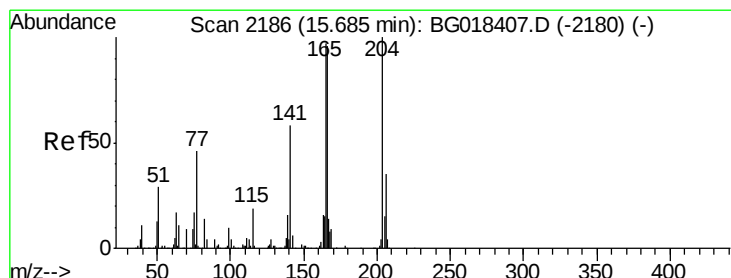
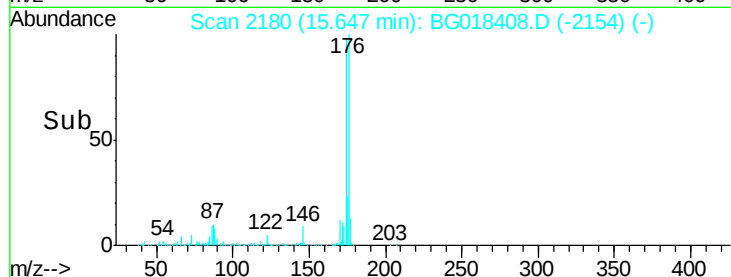
15.65

1000

500

0

Time--> 15.60 15.65



#60

4-Chlorophenyl-phenylether

Concen: 0.01 ng/ul

RT: 15.74 min Scan# 2195

Delta R.T. 0.05 min

Lab File: BG018408.D

Acq: 12 Aug 2015 21:44

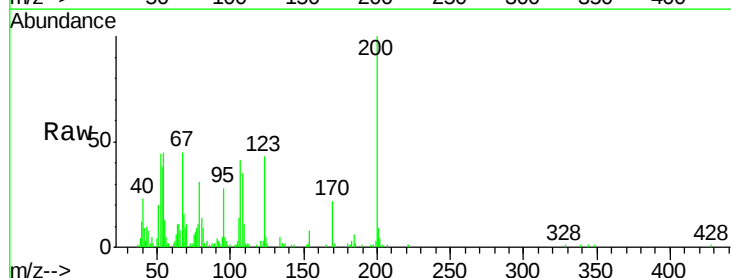
Tgt Ion:204 Resp: 132

Ion Ratio Lower Upper

204 100

206 0.0 27.1 40.7#

141 84.9 47.1 70.7#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

15.74

250

200

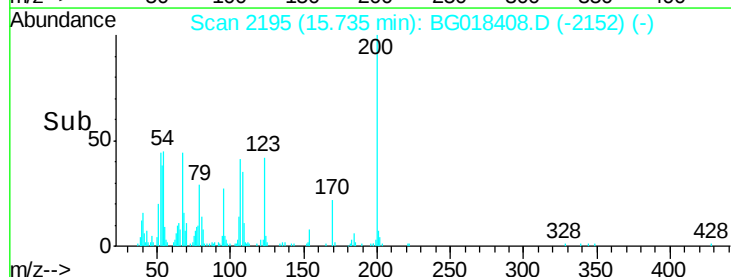
150

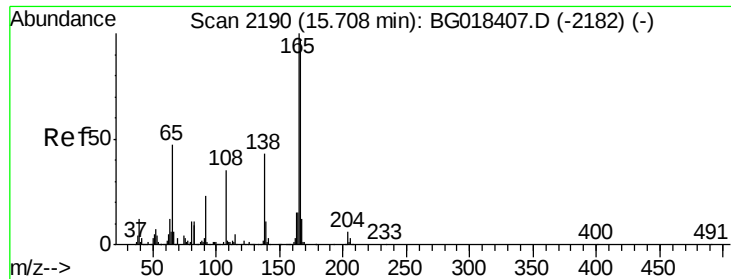
100

50

0

Time--> 15.73 15.74 15.75





#61

4-Nitroaniline

Concen: 0.17 ng/ul

RT: 15.75 min Scan# 2197

Delta R.T. 0.04 min

Lab File: BG018408.D

Acq: 12 Aug 2015 21:44

Instrument :

BNA_G

ClientSampleId :

MDL-01-S-ML

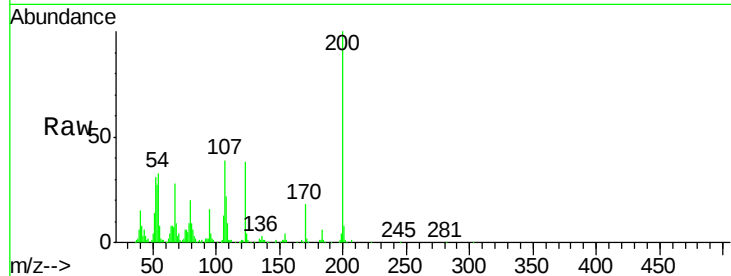
Tgt Ion:138 Resp: 823

Ion Ratio Lower Upper

138 100

92 106.1 44.0 66.0#

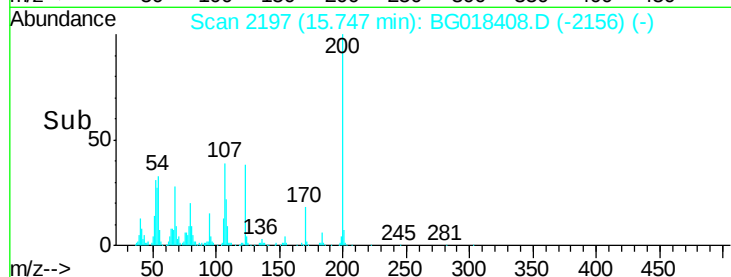
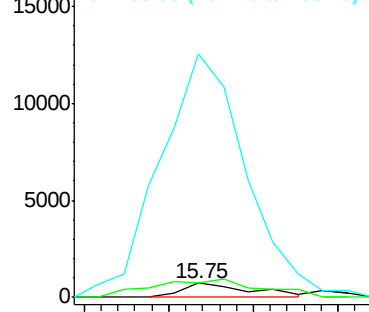
108 1732.6 64.6 97.0#



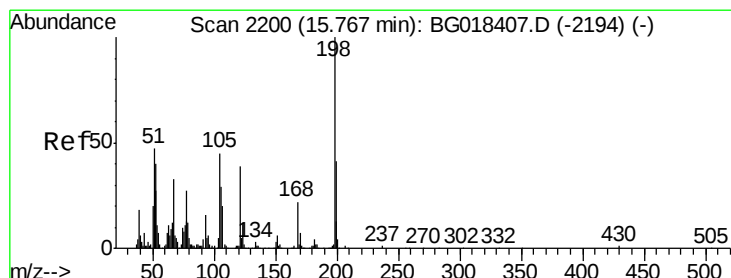
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG018408.D (-2182) (-)

Ion 108.00 (107.70 to 108.70): E



Time--> 15.72 15.74 15.76 15.78



#64

4,6-Dinitro-2-methylphenol

Concen: 0.17 ng/ul

RT: 15.75 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG018408.D

Acq: 12 Aug 2015 21:44

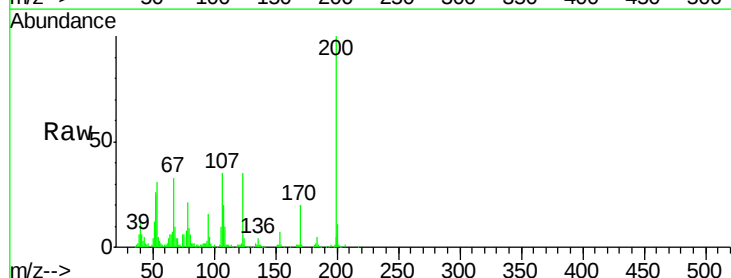
Tgt Ion:198 Resp: 583

Ion Ratio Lower Upper

198 100

182 155.6 3.4 5.0#

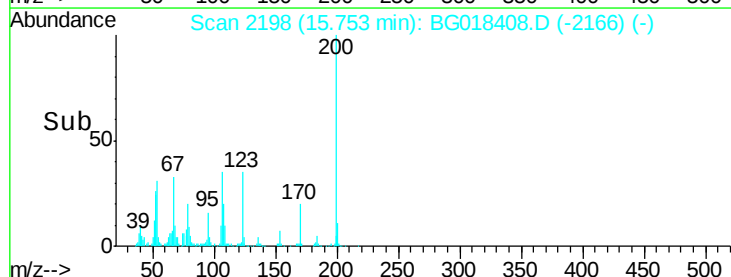
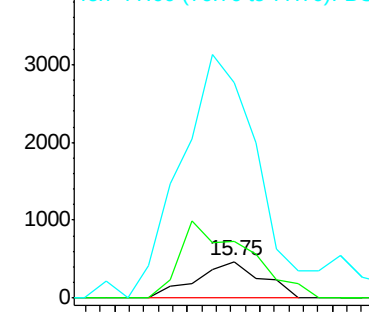
77 591.5 22.4 33.6#



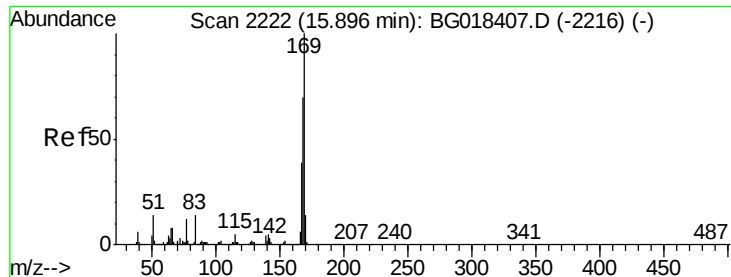
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BG018408.D (-2194) (-)



Time--> 15.72 15.74 15.76 15.78



#65

N-Nitrosodiphenylamine

Concen: 0.04 ng/ul

RT: 15.76 min Scan# 2199

Delta R.T. -0.14 min

Lab File: BG018408.D

Acq: 12 Aug 2015 21:44

Instrument :

BNA_G

ClientSampleId :

MDL-01-S-ML

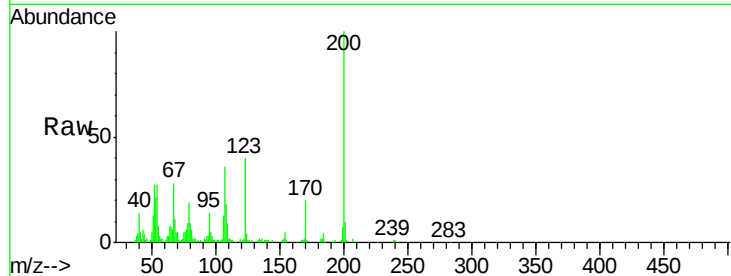
Tgt Ion:169 Resp: 745

Ion Ratio Lower Upper

169 100

168 41.7 60.2 90.2#

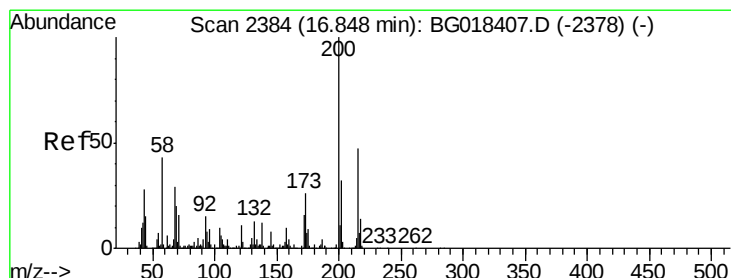
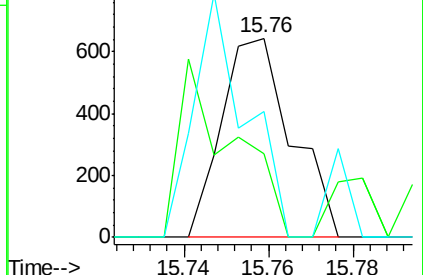
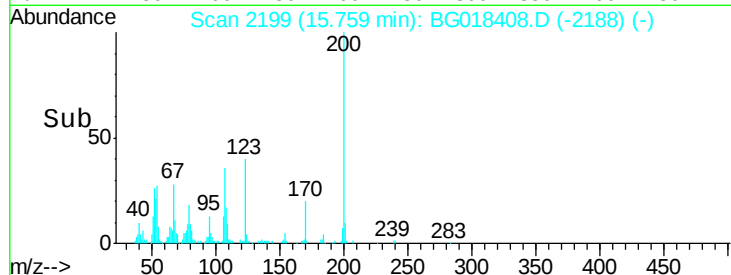
167 62.9 33.4 50.2#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#68

Atrazine

Concen: 0.02 ng/ul

RT: 16.75 min Scan# 2368

Delta R.T. -0.10 min

Lab File: BG018408.D

Acq: 12 Aug 2015 21:44

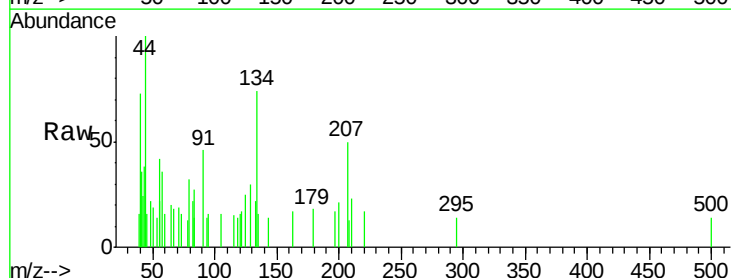
Tgt Ion:200 Resp: 142

Ion Ratio Lower Upper

200 100

173 0.0 19.0 28.4#

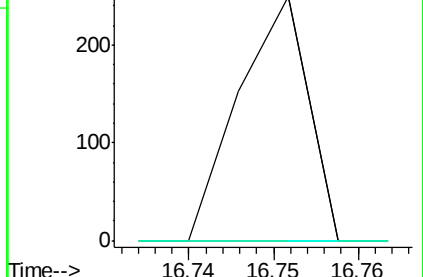
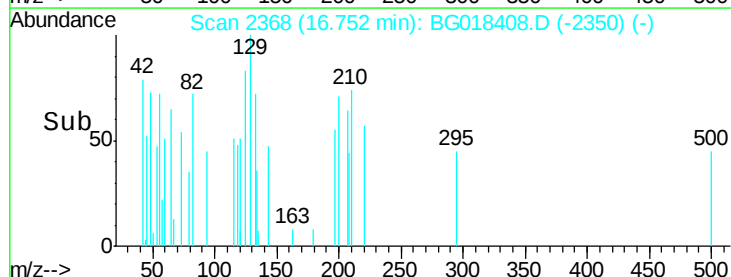
215 0.0 37.4 56.2#

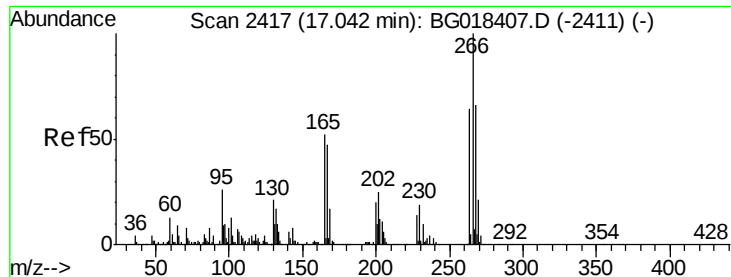


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 0.03 ng/ul

RT: 16.93 min Scan# 2398

Delta R.T. -0.11 min

Lab File: BG018408.D

Acq: 12 Aug 2015 21:44

Instrument :

BNA_G

ClientSampleId :

MDL-01-S-ML

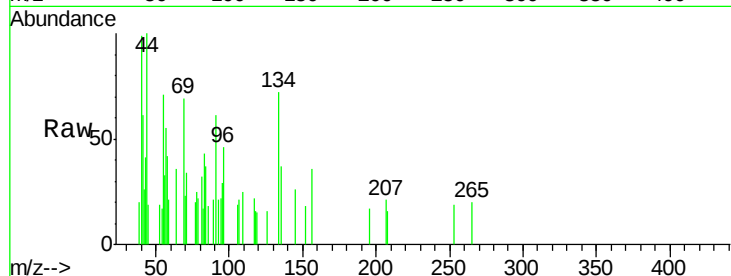
Tgt Ion:266 Resp: 126

Ion Ratio Lower Upper

266 100

264 0.0 55.4 83.0#

268 0.0 53.6 80.4#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

16.93

200

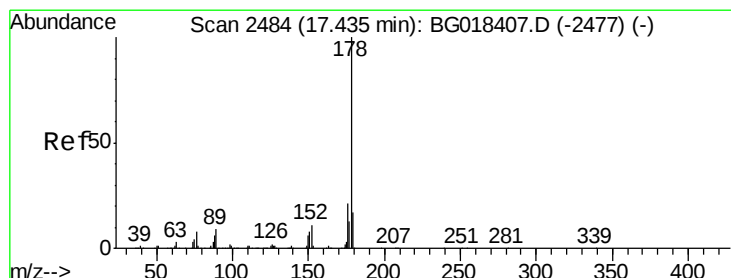
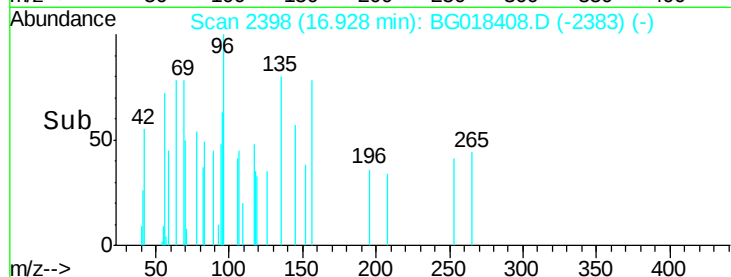
150

100

50

0

Time-->



#70

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.46 min Scan# 2488

Delta R.T. 0.02 min

Lab File: BG018408.D

Acq: 12 Aug 2015 21:44

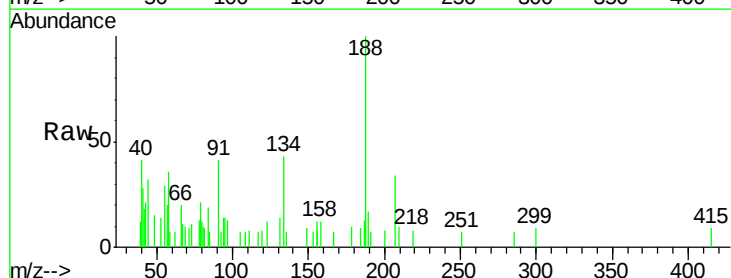
Tgt Ion:178 Resp: 137

Ion Ratio Lower Upper

178 100

179 0.0 13.7 20.5#

176 0.0 16.6 24.8#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

17.46

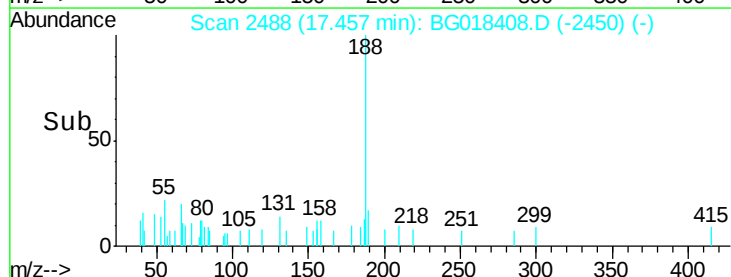
1500

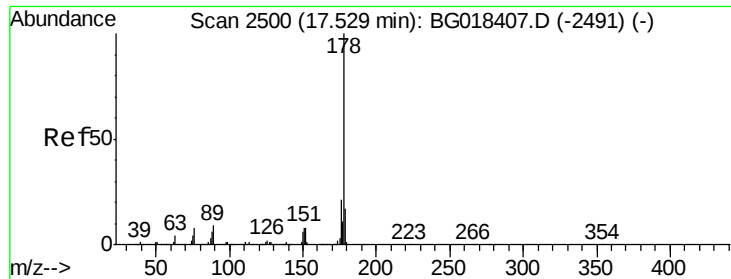
1000

500

0

Time-->





#72

Anthracene

Concen: 0.02 ng/ul

RT: 17.49 min Scan# 2493

Delta R.T. -0.04 min

Lab File: BG018408.D

Acq: 12 Aug 2015 21:44

Instrument :

BNA_G

ClientSampleId :

MDL-01-S-ML

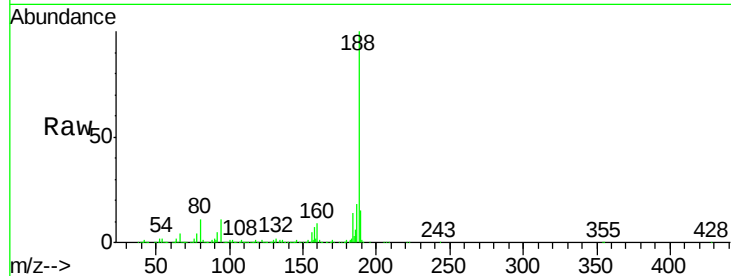
Tgt Ion:178 Resp: 615

Ion Ratio Lower Upper

178 100

179 184.9 13.0 19.4#

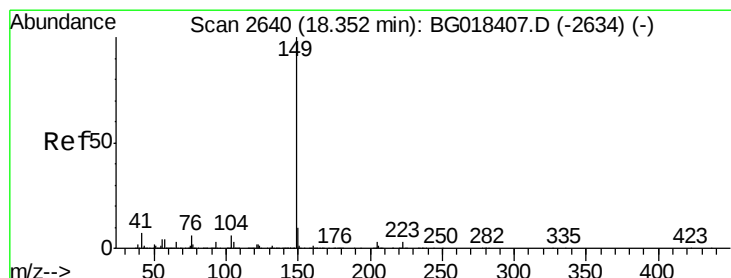
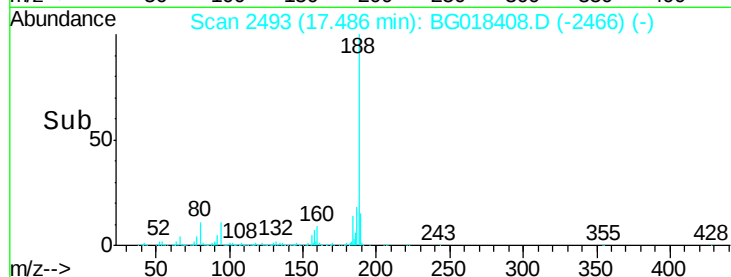
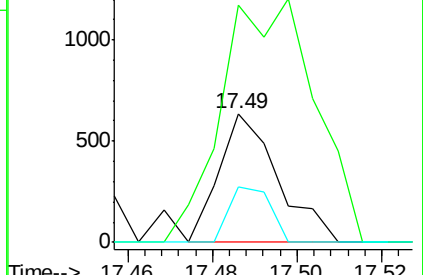
176 42.7 16.0 24.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#76

Di-n-butylphthalate

Concen: 0.01 ng/ul

RT: 18.35 min Scan# 2640

Delta R.T. -0.00 min

Lab File: BG018408.D

Acq: 12 Aug 2015 21:44

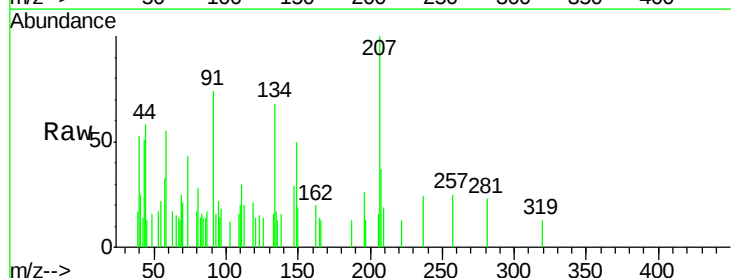
Tgt Ion:149 Resp: 414

Ion Ratio Lower Upper

149 100

150 38.2 7.5 11.3#

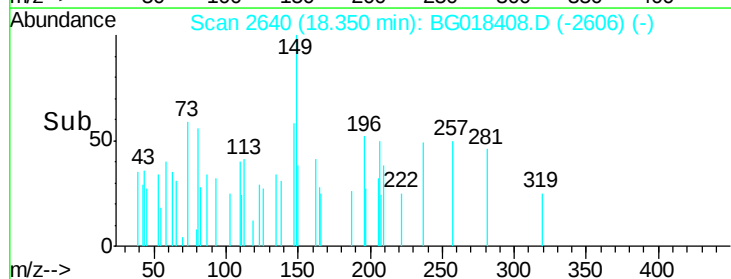
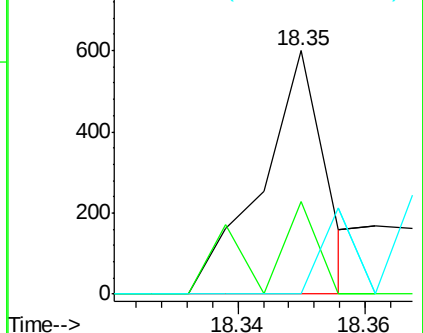
104 0.0 4.3 6.5#

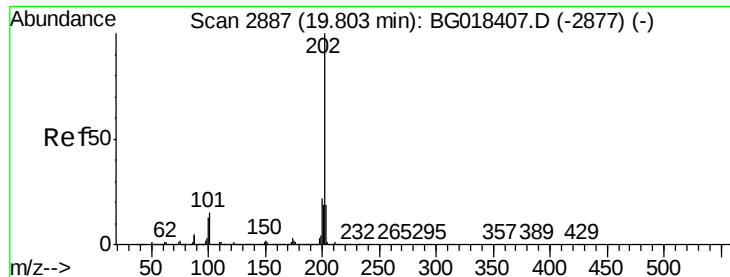


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#80

Pyrene

Concen: 0.00 ng/ul

RT: 19.81 min Scan# 2889

Delta R.T. 0.01 min

Lab File: BG018408.D

Acq: 12 Aug 2015 21:44

Instrument :

BNA_G

ClientSampleId :

MDL-01-S-ML

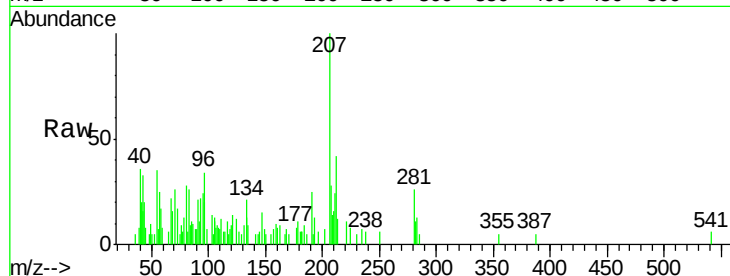
Tgt Ion:202 Resp: 76

Ion Ratio Lower Upper

202 100

101 0.0 11.0 16.4#

100 0.0 9.8 14.6#

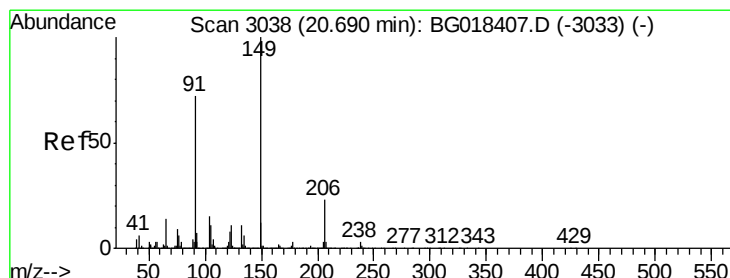
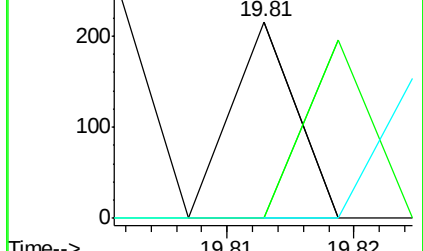
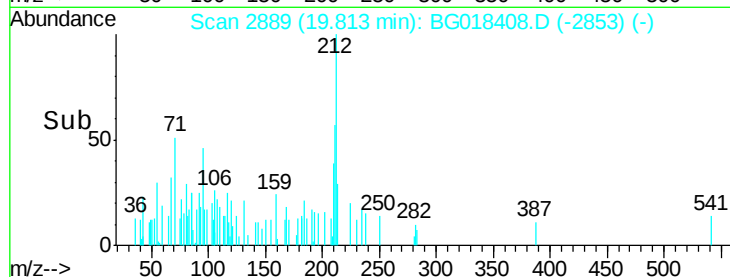


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



#81

Butylbenzylphthalate

Concen: 0.03 ng/ul

RT: 20.68 min Scan# 3037

Delta R.T. -0.01 min

Lab File: BG018408.D

Acq: 12 Aug 2015 21:44

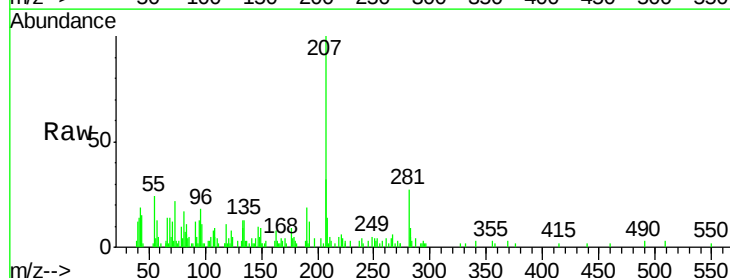
Tgt Ion:149 Resp: 488

Ion Ratio Lower Upper

149 100

91 132.6 57.9 86.9#

206 0.0 17.9 26.9#

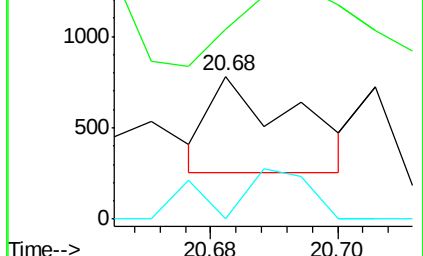
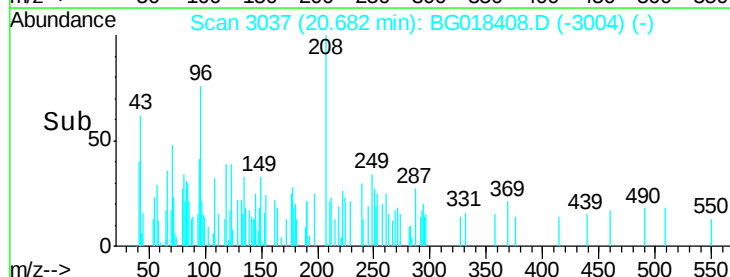


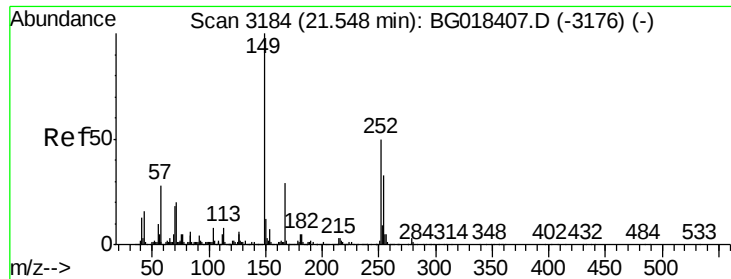
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

Time-->

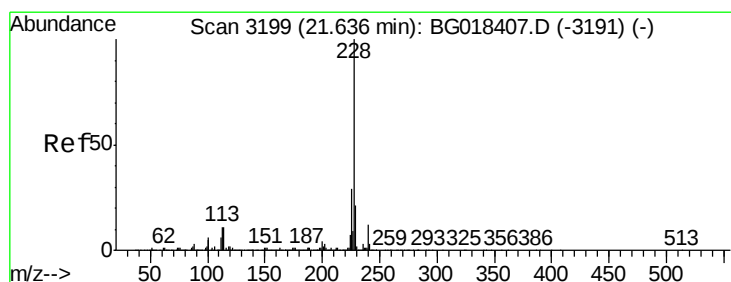
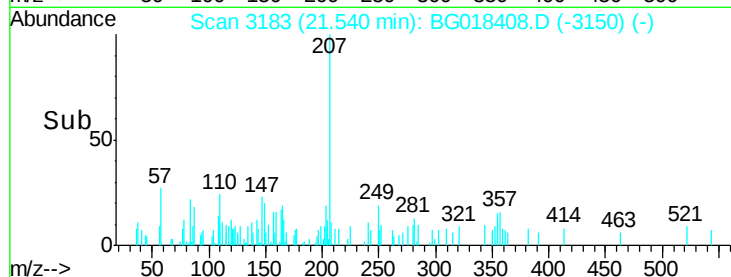
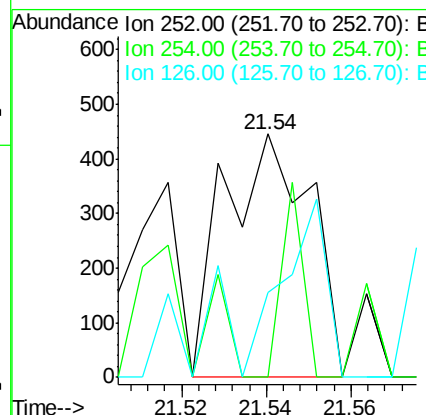
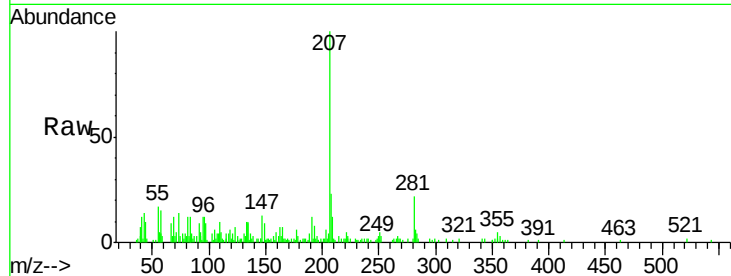




#82
 3,3'-Dichlorobenzidine
 Concen: 0.05 ng/ul
 RT: 21.54 min Scan# 3183
 Delta R.T. -0.01 min
 Lab File: BG018408.D
 Acq: 12 Aug 2015 21:44

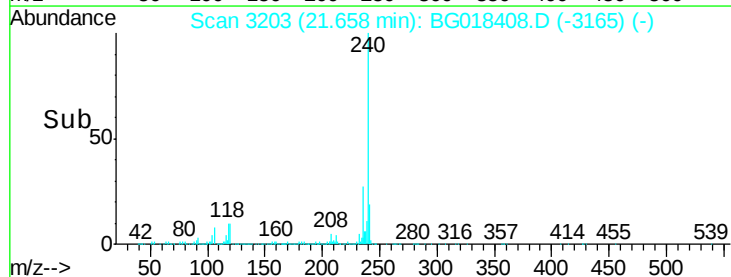
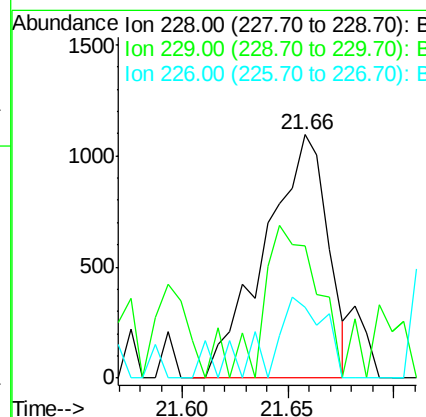
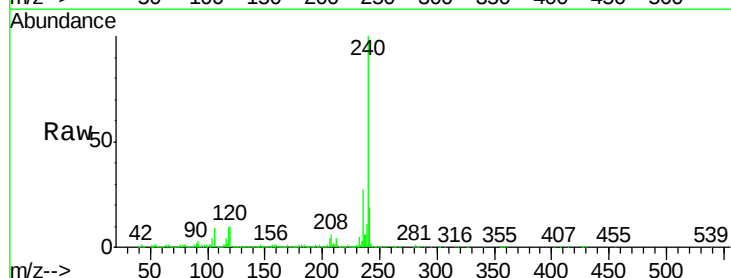
Instrument :
 BNA_G
 ClientSampleId :
 MDL-01-S-ML

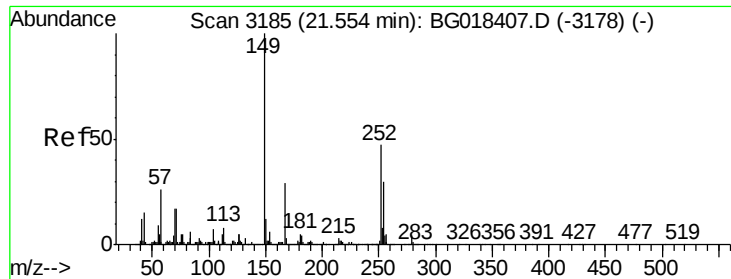
Tgt Ion:252 Resp: 630
 Ion Ratio Lower Upper
 252 100
 254 0.0 50.9 76.3#
 126 35.0 9.6 14.4#



#83
 Benzo(a)anthracene
 Concen: 0.06 ng/ul
 RT: 21.66 min Scan# 3203
 Delta R.T. 0.02 min
 Lab File: BG018408.D
 Acq: 12 Aug 2015 21:44

Tgt Ion:228 Resp: 2261
 Ion Ratio Lower Upper
 228 100
 229 54.6 15.5 23.3#
 226 29.2 22.1 33.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.03 ng/ul

RT: 21.54 min Scan# 3183

Delta R.T. -0.01 min

Lab File: BG018408.D

Acq: 12 Aug 2015 21:44

Instrument :

BNA_G

ClientSampleId :

MDL-01-S-ML

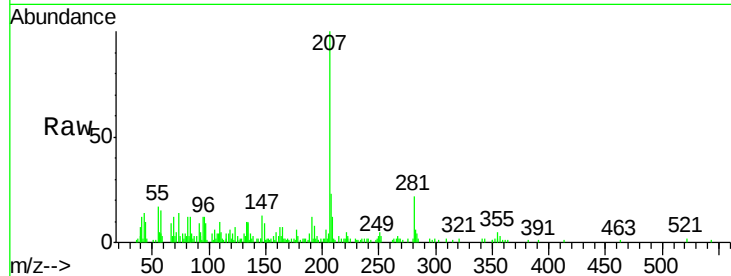
Tgt Ion:149 Resp: 856

Ion Ratio Lower Upper

149 100

167 21.9 22.2 33.2#

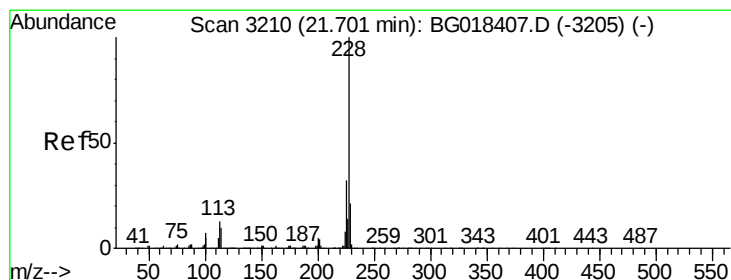
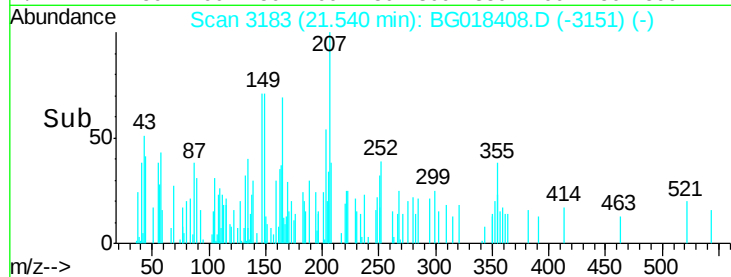
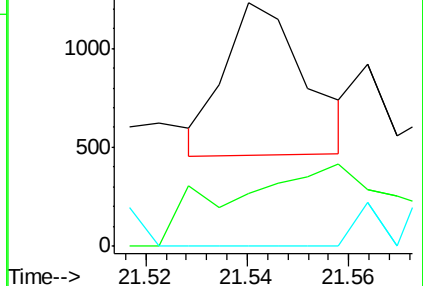
279 0.0 2.8 4.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 0.00 ng/ul

RT: 21.72 min Scan# 3213

Delta R.T. 0.02 min

Lab File: BG018408.D

Acq: 12 Aug 2015 21:44

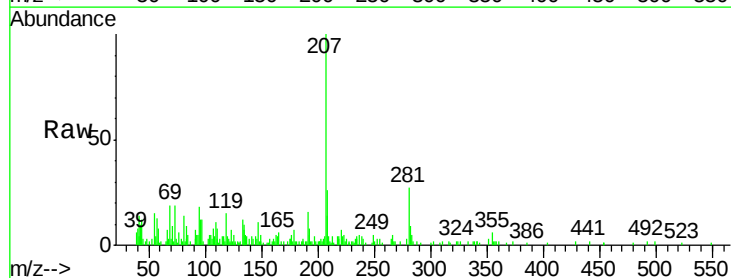
Tgt Ion:228 Resp: 92

Ion Ratio Lower Upper

228 100

226 142.5 26.5 39.7#

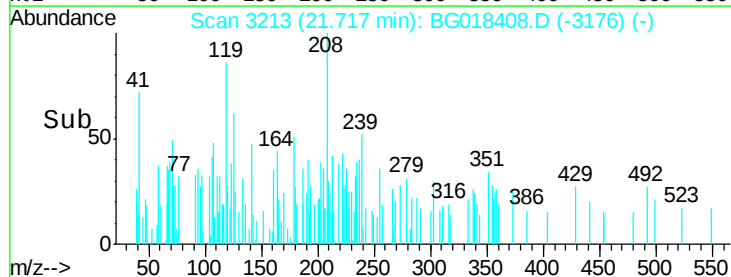
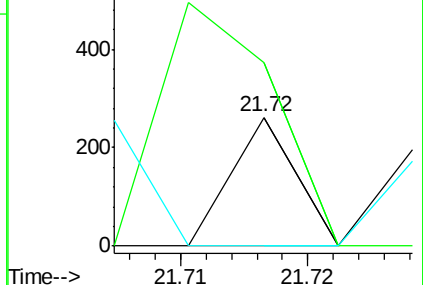
229 0.0 16.9 25.3#

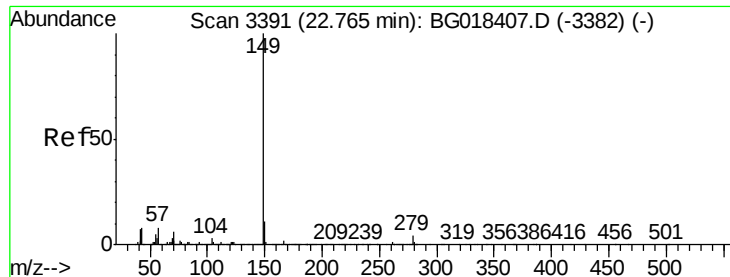


Abundance Ion 228.00 (227.70 to 228.70): E

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: BG018408.D

Acq: 12 Aug 2015 21:44

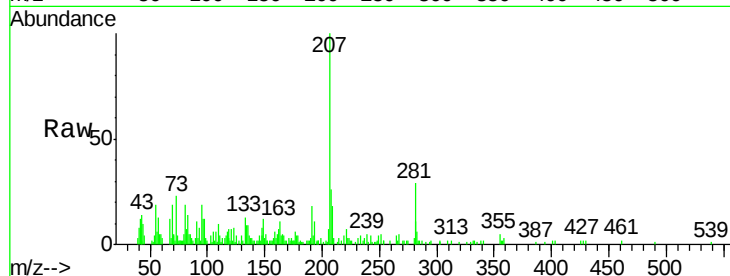
Instrument :

BNA_G

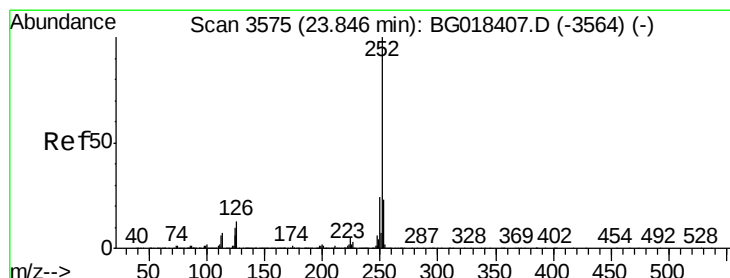
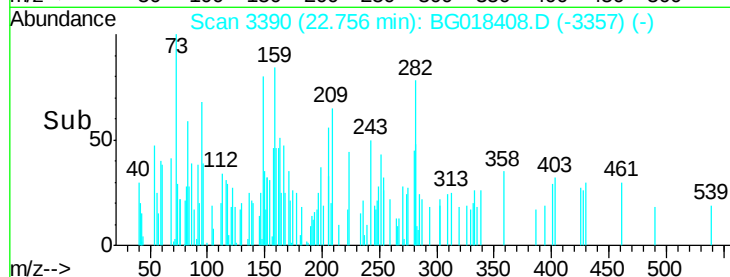
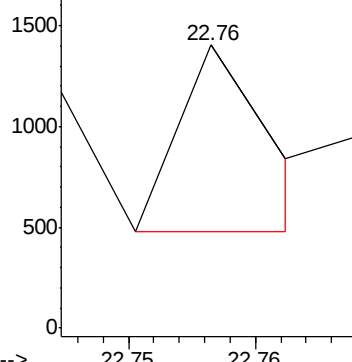
ClientSampleId :

MDL-01-S-ML

Tgt Ion:149 Resp: 454



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 0.01 ng/ul

RT: 23.84 min Scan# 3574

Delta R.T. -0.01 min

Lab File: BG018408.D

Acq: 12 Aug 2015 21:44

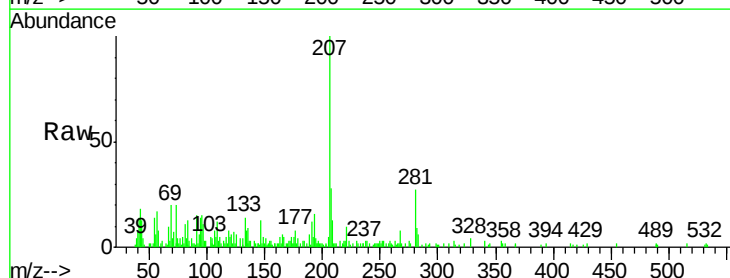
Tgt Ion:252 Resp: 238

Ion Ratio Lower Upper

252 100

253 103.3 18.1 27.1#

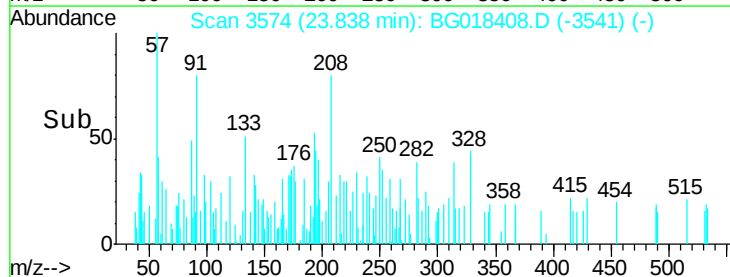
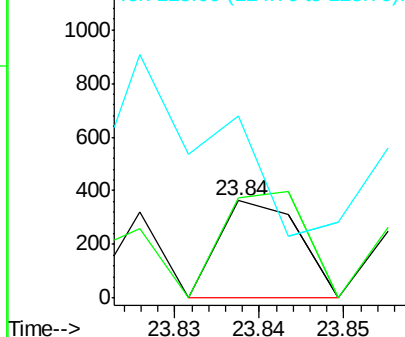
125 186.8 8.3 12.5#

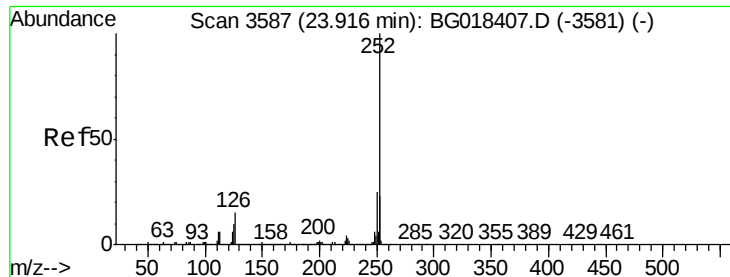


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 0.01 ng/ul

RT: 23.93 min Scan# 3589

Delta R.T. 0.01 min

Lab File: BG018408.D

Acq: 12 Aug 2015 21:44

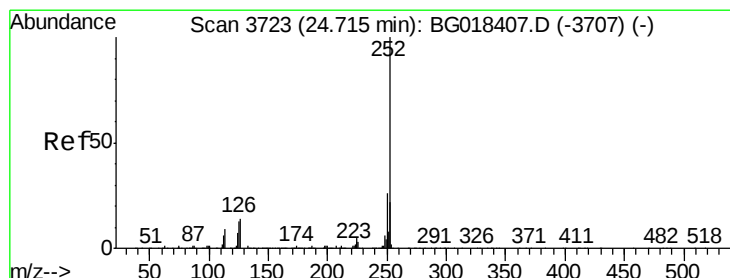
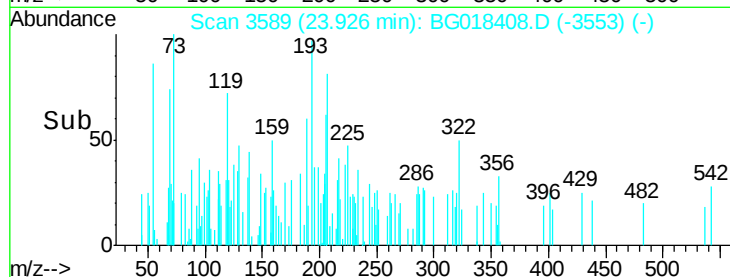
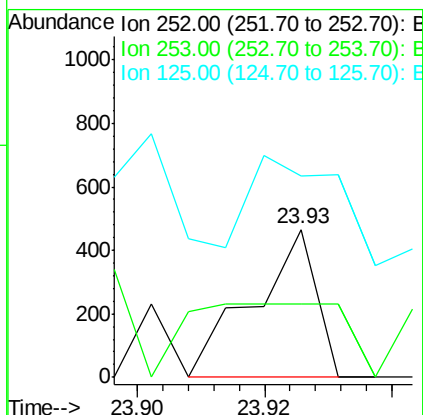
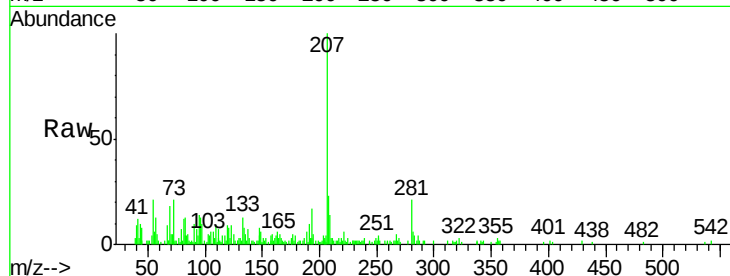
Instrument :

BNA_G

ClientSampleId :

MDL-01-S-ML

Tgt Ion:	252	Resp:	321
Ion Ratio	Lower	Upper	
252	100		
253	49.9	17.8	26.6#
125	135.5	9.0	13.4#



#91

Benzo(a)pyrene

Concen: 0.00 ng/ul

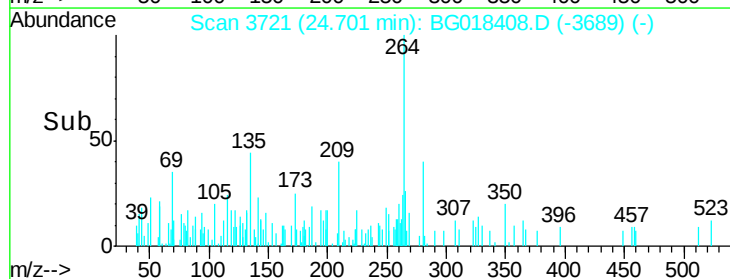
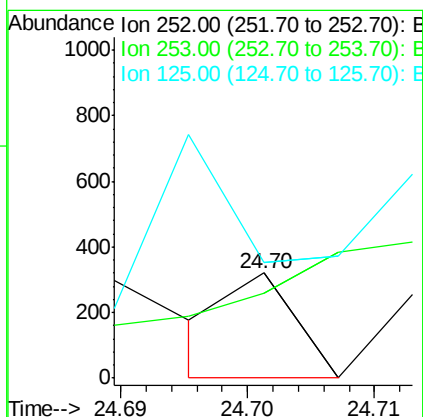
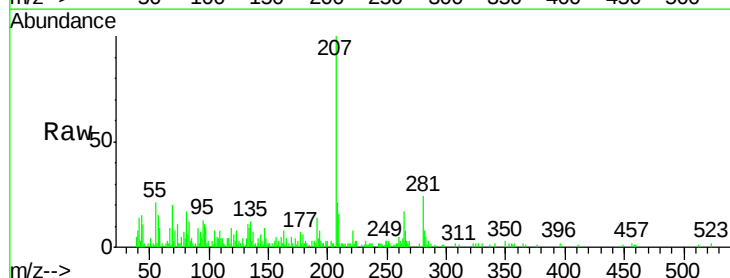
RT: 24.70 min Scan# 3721

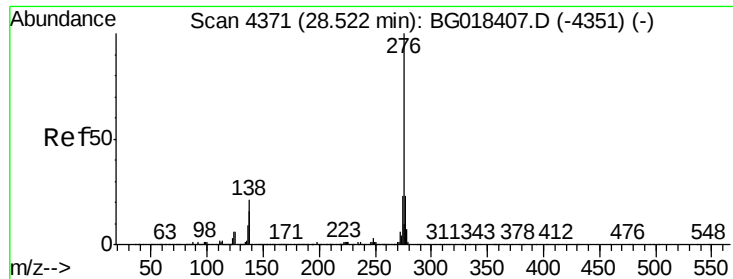
Delta R.T. -0.01 min

Lab File: BG018408.D

Acq: 12 Aug 2015 21:44

Tgt Ion:	252	Resp:	113
Ion Ratio	Lower	Upper	
252	100		
253	81.0	17.7	26.5#
125	109.3	10.2	15.2#





#92

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 28.52 min Scan# 4371

Delta R.T. -0.00 min

Lab File: BG018408.D

Acq: 12 Aug 2015 21:44

Instrument :

BNA_G

ClientSampleId :

MDL-01-S-ML

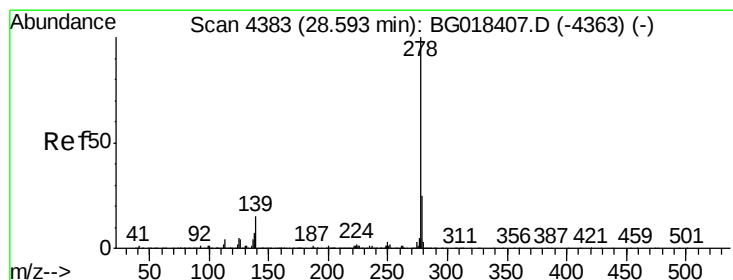
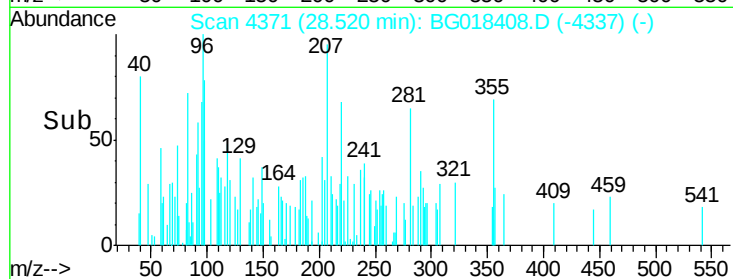
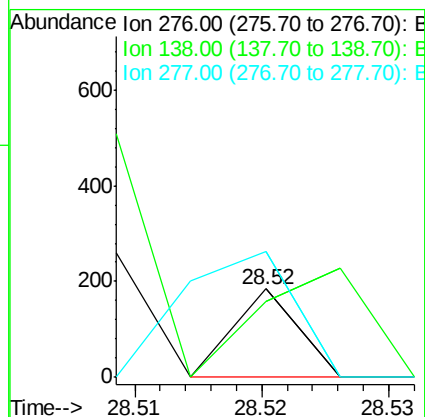
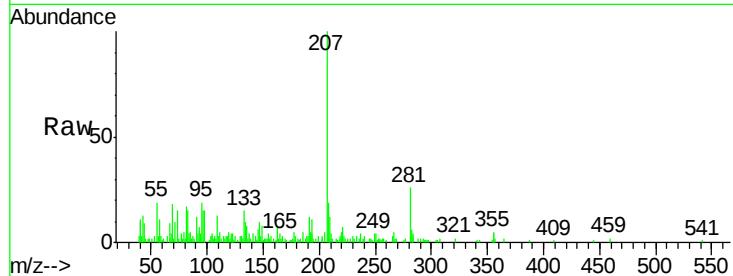
Tgt Ion:276 Resp: 65

Ion Ratio Lower Upper

276 100

138 85.9 15.8 23.6#

277 142.9 18.9 28.3#



#93

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 28.58 min Scan# 4382

Delta R.T. -0.01 min

Lab File: BG018408.D

Acq: 12 Aug 2015 21:44

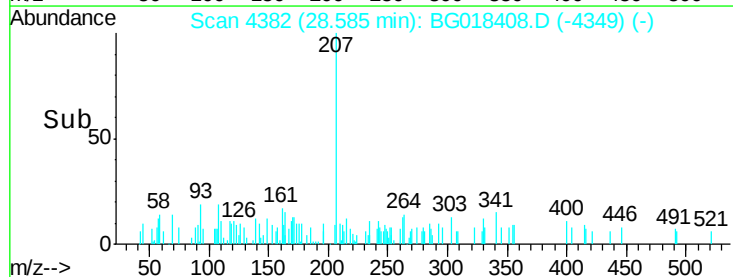
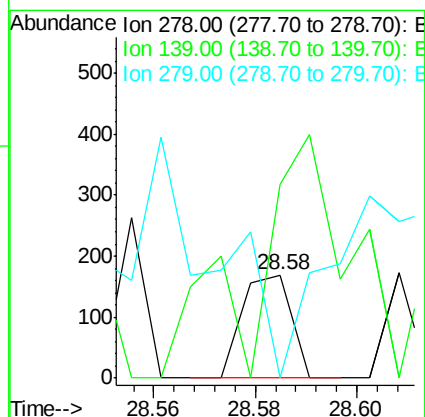
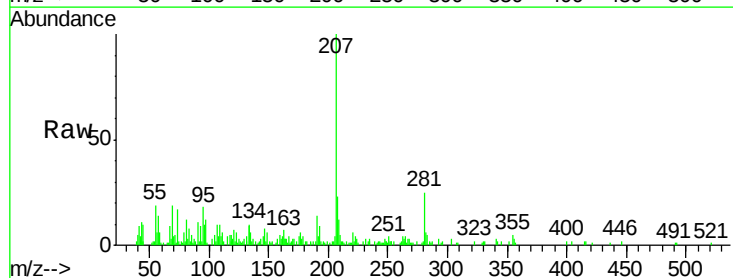
Tgt Ion:278 Resp: 115

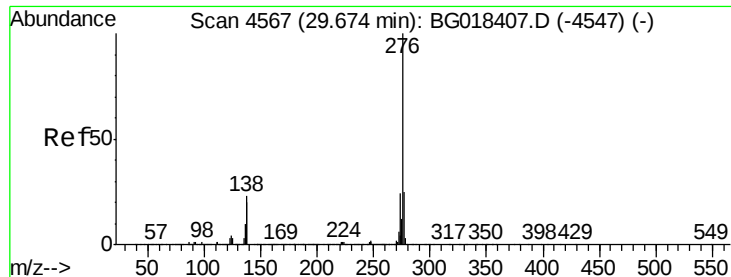
Ion Ratio Lower Upper

278 100

139 188.2 13.8 20.6#

279 0.0 17.8 26.8#





#94

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 29.67 min Scan# 4566

Delta R.T. -0.01 min

Lab File: BG018408.D

Acq: 12 Aug 2015 21:44

Instrument :

BNA_G

ClientSampleId :

MDL-01-S-ML

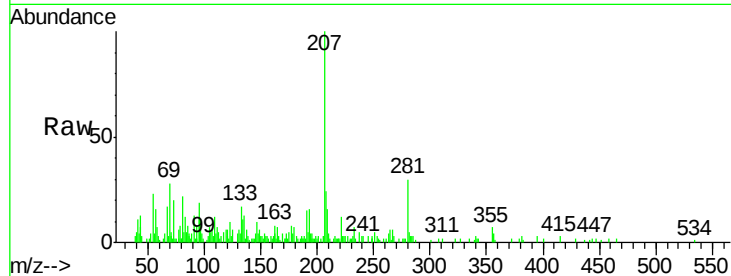
Tgt Ion: 276 Resp: 91

Ion Ratio Lower Upper

276 100

138 62.8 16.5 24.7#

277 68.6 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

