

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081215\
 Data File : BG018416.D
 Acq On : 13 Aug 2015 2:49
 Operator : UM/MA
 Sample : MDL-08-S-ML
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-08-S-ML

Quant Time: Aug 13 04:16:35 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	89301	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	395138	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.65	164	261481	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	654488	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	680708	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	677496	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	10378	5.14	ng/uL	0.00
5) Phenol-d5	7.18	99	216561	26.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	137486	27.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	167187	26.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	184775	27.13	ng/ul	0.00
19) Nitrobenzene-d5	9.18	128	89071	28.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	95182	30.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	182061	27.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	259618	34.50	ng/ul	0.00
44) Dimethylphthalate-d6	14.05	166	612441	27.84	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	765197	27.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	114439	28.92	ng/ul	0.00
58) Fluorene-d10	15.64	176	549914	28.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	74374	23.10	ng/ul	0.00
71) Anthracene-d10	17.49	188	893470	28.54	ng/ul	0.00
79) Pyrene-d10	19.77	212	1000347	28.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.64	264	1037101	28.83	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.50	88	151	0.07 ng/uL#	1
4) Benzaldehyde	7.16	77	69	0.01 ng/ul#	39
6) Phenol	7.22	94	156	0.02 ng/ul#	1
8) Bis(2-Chloroethyl)ether	7.43	93	540	0.08 ng/ul#	72
10) 2-Chlorophenol	7.65	128	190	0.03 ng/ul#	33
11) 2-Methylphenol	8.52	108	120	0.02 ng/ul#	4
12) 2,2'-oxybis(1-Chloropropan	8.53	45	206	0.02 ng/ul#	69
14) Acetophenone	8.84	105	63	0.01 ng/ul#	75
15) N-Nitroso-di-n-propylamine	8.77	70	263	0.05 ng/ul#	72
16) 4-Methylphenol	8.81	108	165	0.02 ng/ul#	1
17) Hexachloroethane	9.16	117	133	0.05 ng/ul#	58
20) Nitrobenzene	9.20	77	239	0.03 ng/ul#	42
21) Isophorone	9.73	82	110	0.01 ng/ul#	66
24) 2,4-Dimethylphenol	9.97	107	378	0.05 ng/ul#	12
25) Bis(2-Chloroethoxy)methane	10.26	93	91	0.01 ng/ul#	1
27) 2,4-Dichlorophenol	10.44	162	209	0.03 ng/ul#	1
28) Naphthalene	10.84	128	70	0.00 ng/ul#	1
30) 4-Chloroaniline	10.94	127	148	0.02 ng/ul#	1
33) 4-Chloro-3-methylphenol	12.09	107	169	0.02 ng/ul#	18
34) 2-Methylnaphthalene	12.45	142	114	0.01 ng/ul#	1
35) 1-Methylnaphthalene	12.70	142	44335	3.00 ng/ul#	91
43) 2-Nitroaniline	13.71	65	187	0.03 ng/ul#	41
45) Dimethylphthalate	14.06	163	1062	0.05 ng/ul#	1

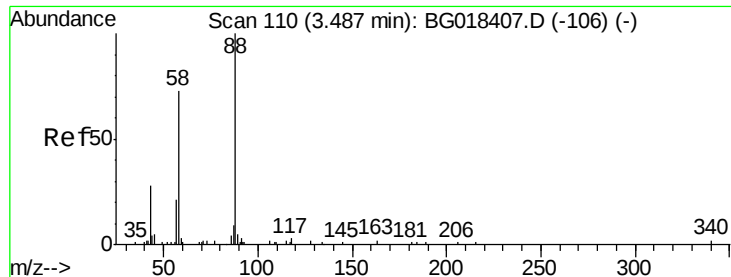
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081215\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2,6-Dinitrotoluene	14.25	165	65	0.02	ng/ul#	28
48) Acenaphthylene	14.34	152	329	0.01	ng/ul#	1
49) 3-Nitroaniline	14.44	138	190	0.04	ng/ul#	1
50) Acenaphthene	14.67	153	55	0.00	ng/ul#	1
53) 4-Nitrophenol	14.86	109	121	0.04	ng/ul#	48
54) Dibenzofuran	14.94	168	114	0.00	ng/ul#	38
55) 2,4-Dinitrotoluene	14.97	165	65	0.01	ng/ul#	34
57) Diethylphthalate	15.46	149	1477	0.06	ng/ul#	73
59) Fluorene	15.75	166	165	0.01	ng/ul#	9
61) 4-Nitroaniline	15.74	138	276	0.06	ng/ul#	1
64) 4,6-Dinitro-2-methylphenol	15.77	198	83	0.02	ng/ul#	1
65) N-Nitrosodiphenylamine	15.78	169	70	0.00	ng/ul#	20
70) Phenanthrene	17.39	178	186	0.01	ng/ul#	1
72) Anthracene	17.49	178	370	0.01	ng/ul#	1
76) Di-n-butylphthalate	18.35	149	1049	0.03	ng/ul#	78
80) Pyrene	19.81	202	170	0.00	ng/ul#	9
81) Butylbenzylphthalate	20.68	149	333	0.02	ng/ul#	1
82) 3,3'-Dichlorobenzidine	21.54	252	66	0.00	ng/ul#	1
83) Benzo(a)anthracene	21.64	228	1620	0.04	ng/ul#	86
84) Bis(2-ethylhexyl)phthalate	21.55	149	2100	0.08	ng/ul#	92
85) Chrysene	21.70	228	476	0.01	ng/ul#	47
87) Di-n-octyl phthalate	22.75	149	268	0.01	ng/ul	100
88) Benzo(b)fluoranthene	23.83	252	387	0.01	ng/ul#	1
89) Benzo(k)fluoranthene	23.90	252	203	0.00	ng/ul#	1
91) Benzo(a)pyrene	24.70	252	232	0.01	ng/ul#	1
92) Indeno(1,2,3-cd)pyrene	28.53	276	85	0.00	ng/ul#	26
93) Dibenzo(a,h)anthracene	28.59	278	163	0.00	ng/ul#	1
94) Benzo(g,h,i)perylene	29.64	276	355	0.01	ng/ul#	11

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



#2

1,4-Dioxane

Concen: 0.07 ng/uL

RT: 3.50 min Scan# 112

Delta R.T. 0.01 min

Lab File: BG018416.D

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Instrument :

BNA_M

ClientSampleID :

MDL-08-S-ML

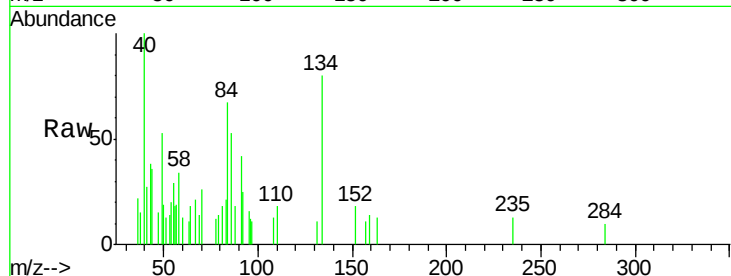
Tgt Ion: 88 Resp: 151

Ion Ratio Lower Upper

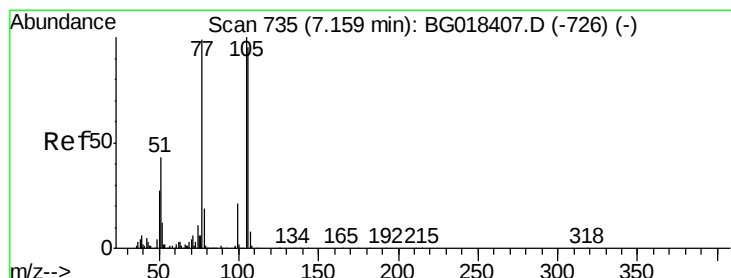
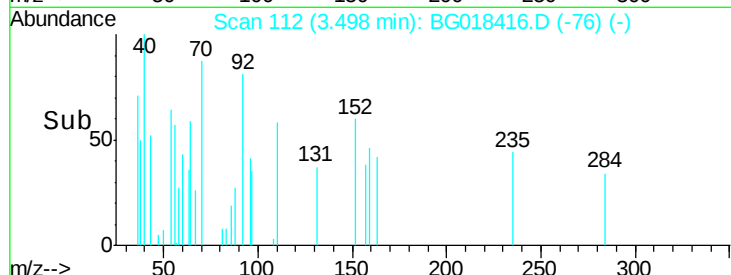
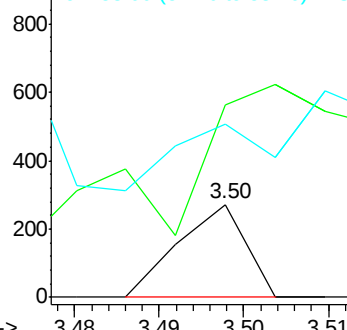
88 100

43 207.0 33.0 49.4#

58 186.4 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: 0.01 ng/uL

RT: 7.16 min Scan# 735

Delta R.T. -0.00 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

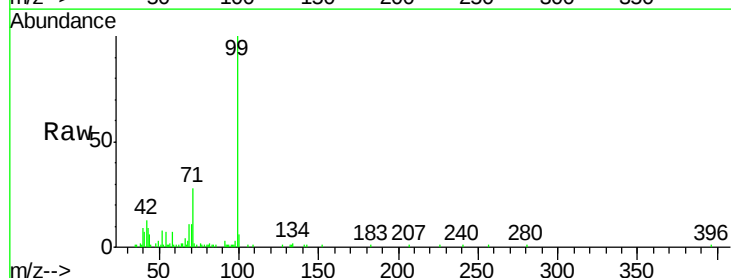
Tgt Ion: 77 Resp: 69

Ion Ratio Lower Upper

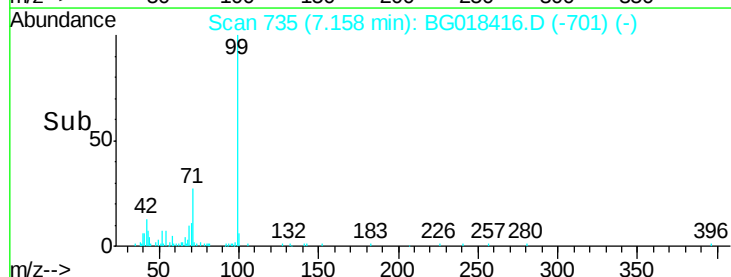
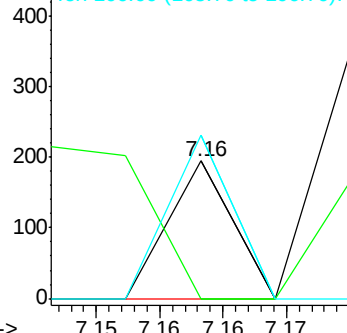
77 100

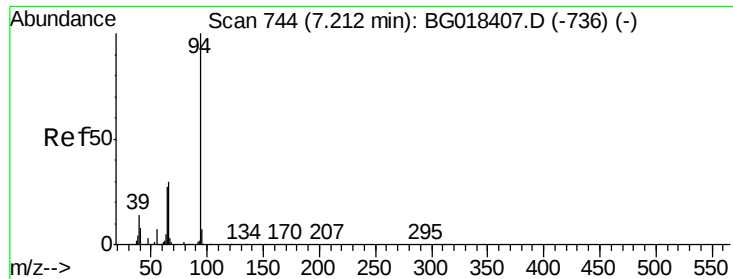
105 0.0 78.2 117.2#

106 118.5 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: 7.22 min Scan# 746

Delta R.T. 0.01 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

Instrument :

BNA_M

ClientSampleId :

MDL-08-S-ML

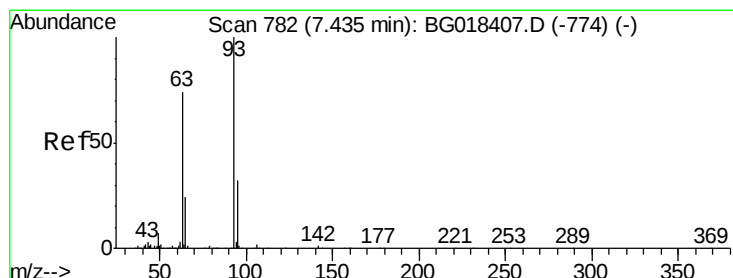
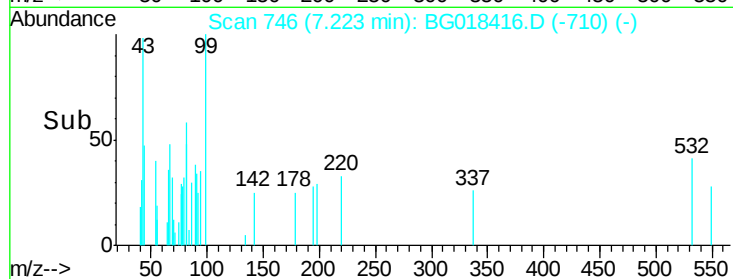
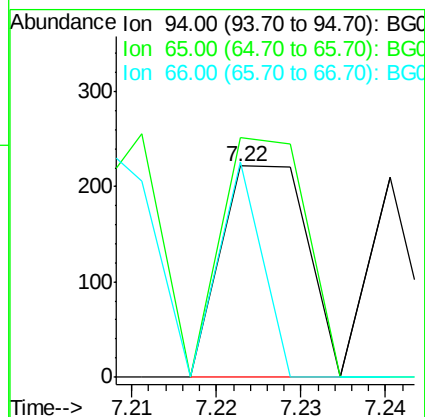
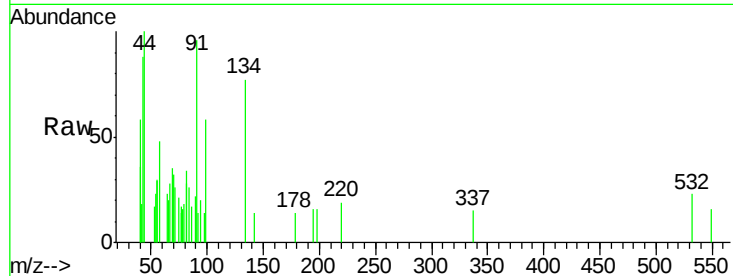
Tgt Ion: 94 Resp: 156

Ion Ratio Lower Upper

94 100

65 113.5 23.0 34.6#

66 101.8 31.0 46.4#



#8

Bis(2-Chloroethyl)ether

Concen: 0.08 ng/ul

RT: 7.43 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

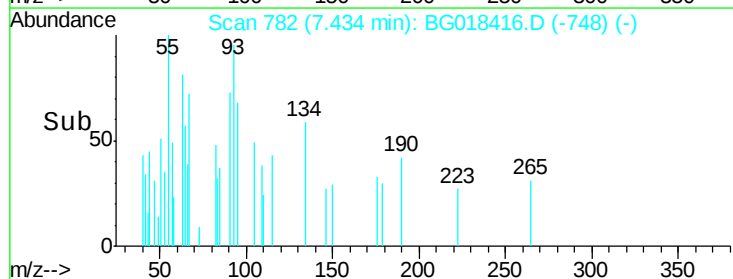
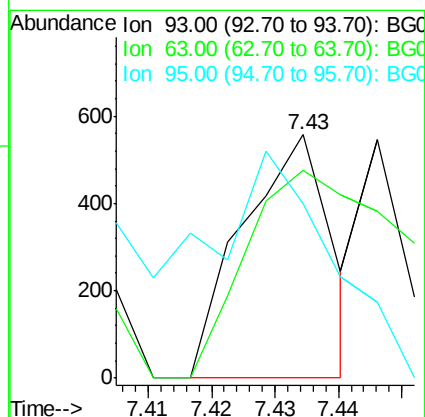
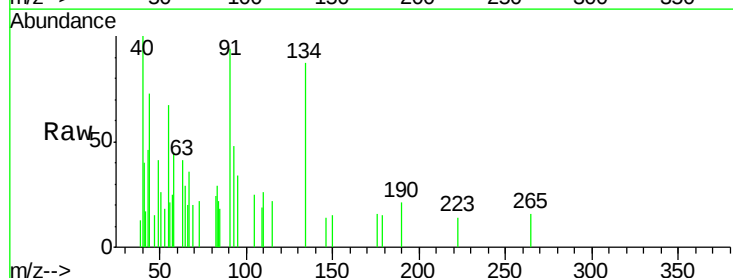
Tgt Ion: 93 Resp: 540

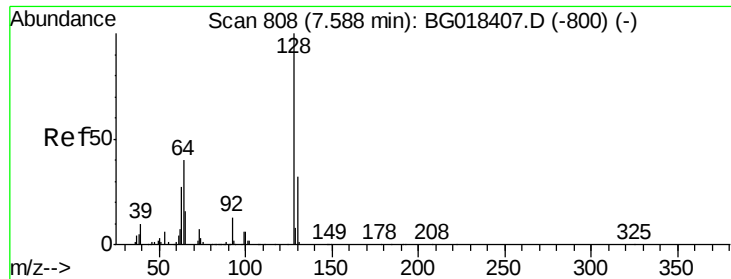
Ion Ratio Lower Upper

93 100

63 85.1 61.4 92.2

95 71.7 25.9 38.9#

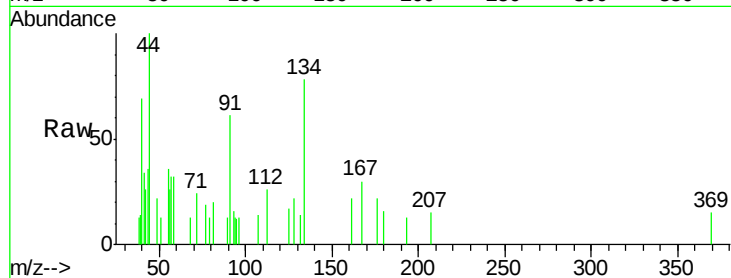




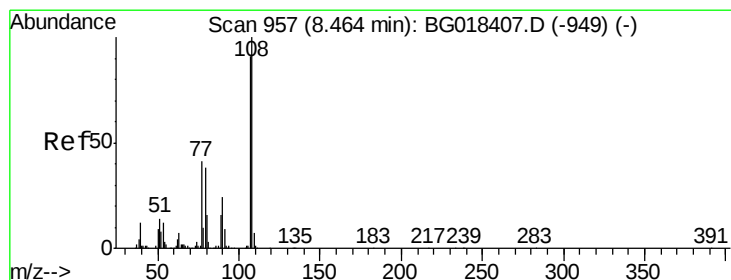
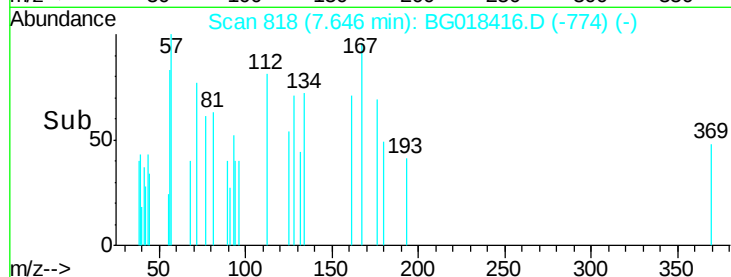
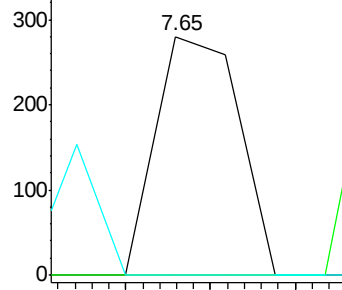
#10
 2-Chlorophenol
 Concen: 0.03 ng/ul
 RT: 7.65 min Scan# 818
 Delta R.T. 0.06 min
 Lab File: BG018416.D
 Acq: 13 Aug 2015 2:49

Instrument :
 BNA_M
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 MDL-08-S-ML

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

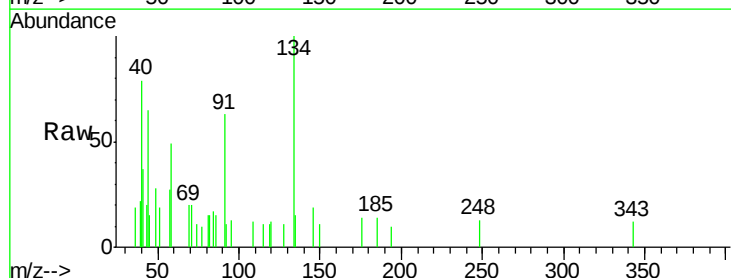


Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 130.00 (129.70 to 130.70): E

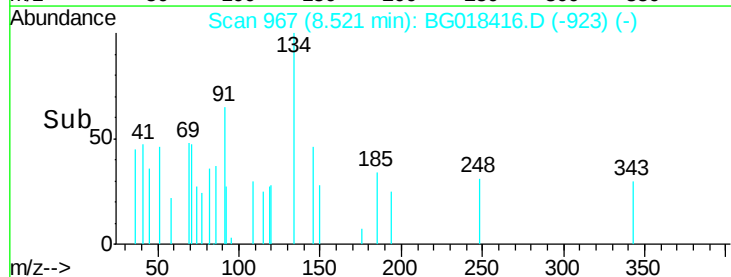
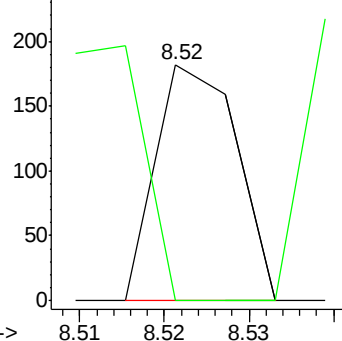


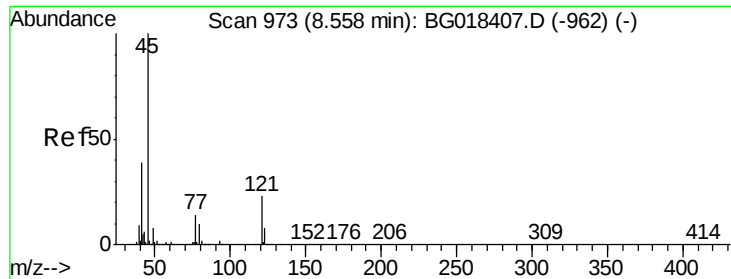
#11
 2-Methylphenol
 Concen: 0.02 ng/ul
 RT: 8.52 min Scan# 967
 Delta R.T. 0.06 min
 Lab File: BG018416.D
 Acq: 13 Aug 2015 2:49

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



Abundance Ion 108.00 (107.70 to 108.70): E
 Ion 107.00 (106.70 to 107.70): E





#12

2,2'-oxybis(1-Chloropropane)

Concen: 0.02 ng/ul

RT: 8.53 min Scan# 968

Delta R.T. -0.03 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

Instrument :

BNA_M

ClientSampleId :

MDL-08-S-ML

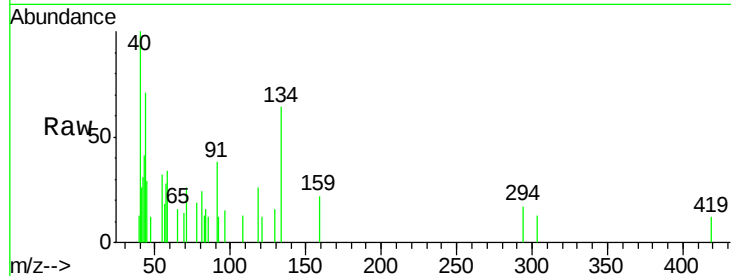
Tgt Ion: 45 Resp: 206

Ion Ratio Lower Upper

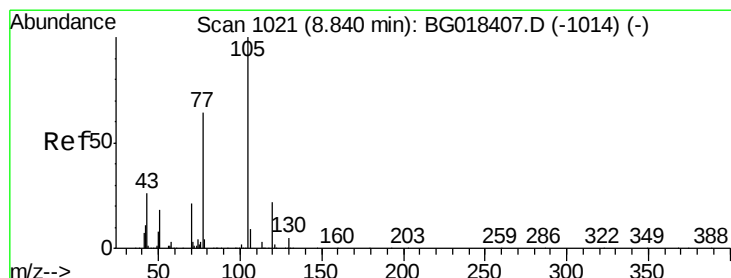
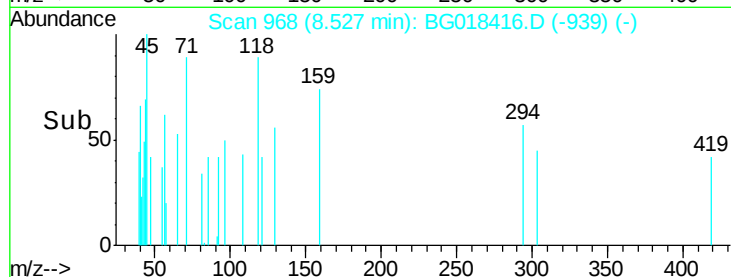
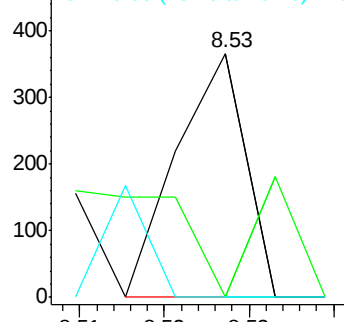
45 100

77 0.0 11.3 16.9#

79 0.0 7.8 11.8#



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



#14

Acetophenone

Concen: 0.01 ng/ul

RT: 8.84 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

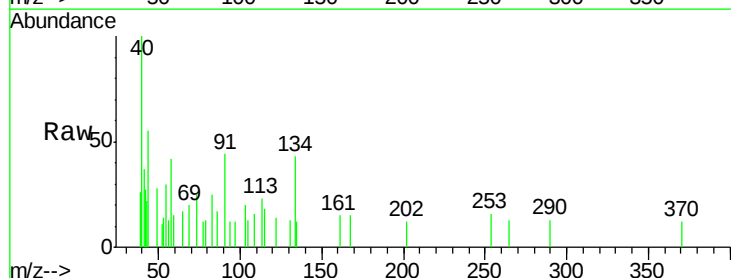
Tgt Ion: 105 Resp: 63

Ion Ratio Lower Upper

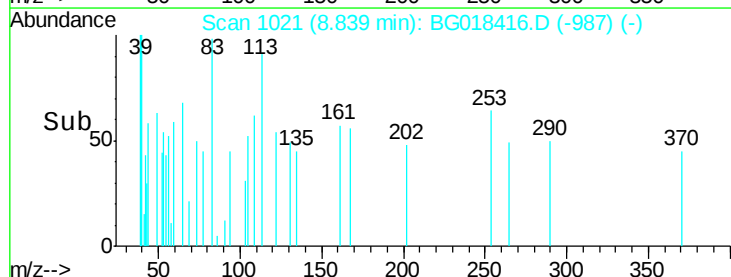
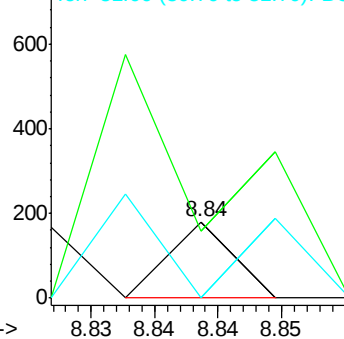
105 100

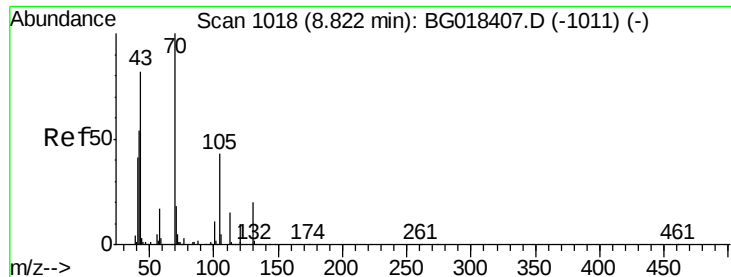
77 87.2 61.9 92.9

51 0.0 25.5 38.3#



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

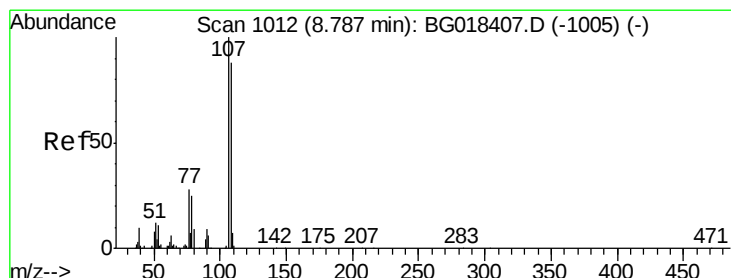
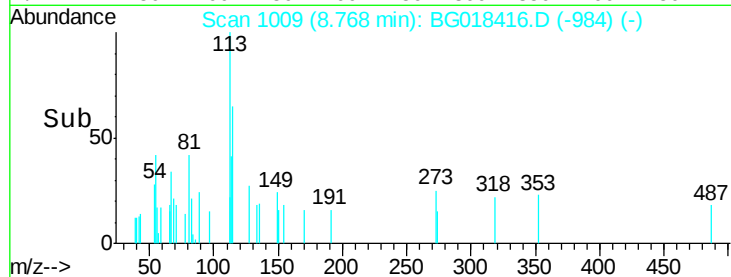
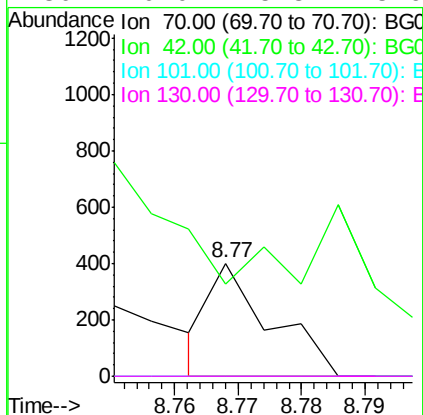
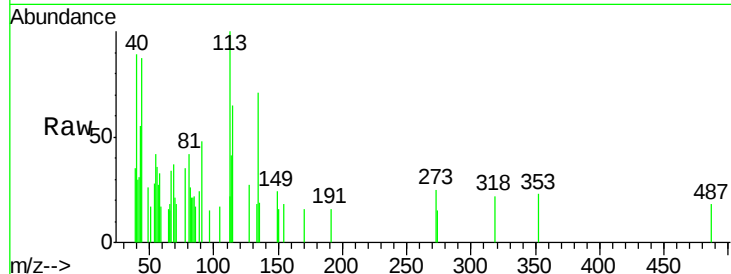




#15
N-Nitroso-di-n-propylamine
Concen: 0.05 ng/ul
RT: 8.77 min Scan# 1009
Delta R.T. -0.05 min
Lab File: BG018416.D
Acq: 13 Aug 2015 2:49

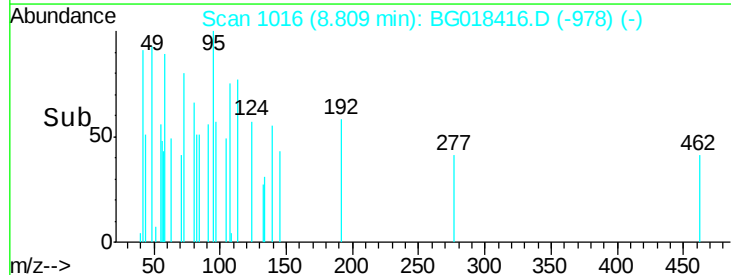
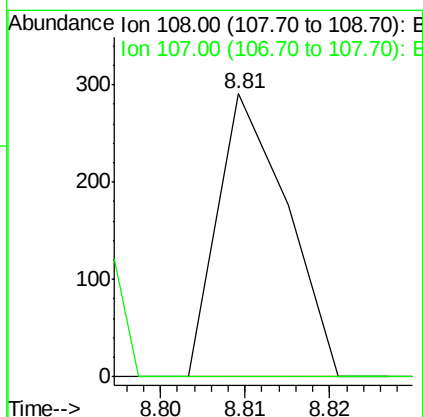
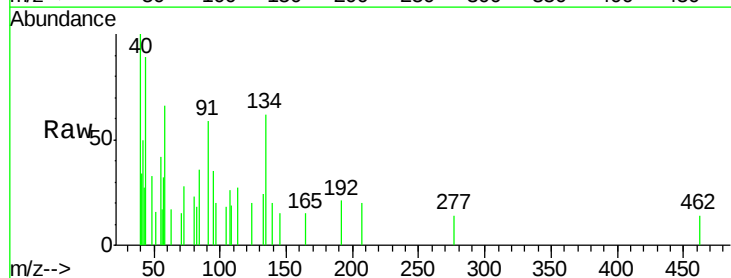
Instrument :
BNA_M
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MDL-08-S-ML

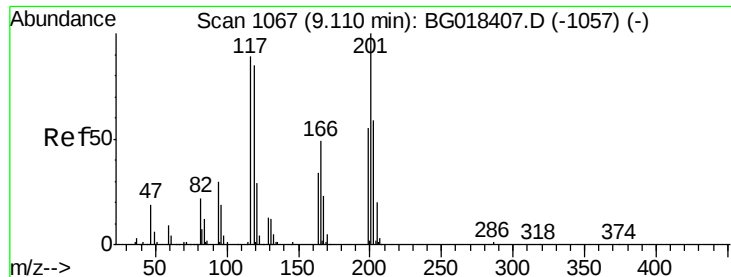
Tgt Ion: 70 Resp: 263
Ion Ratio Lower Upper
70 100
42 81.5 50.7 76.1#
101 0.0 7.4 11.2#
130 0.0 15.8 23.6#



#16
4-Methylphenol
Concen: 0.02 ng/ul
RT: 8.81 min Scan# 1016
Delta R.T. 0.02 min
Lab File: BG018416.D
Acq: 13 Aug 2015 2:49

Tgt Ion: 108 Resp: 165
Ion Ratio Lower Upper
108 100
107 0.0 94.6 142.0#





#17

Hexachloroethane

Concen: 0.05 ng/ul

RT: 9.16 min Scan# 1075

Delta R.T. 0.05 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

Instrument :

BNA_M

ClientSampleId :

MDL-08-S-ML

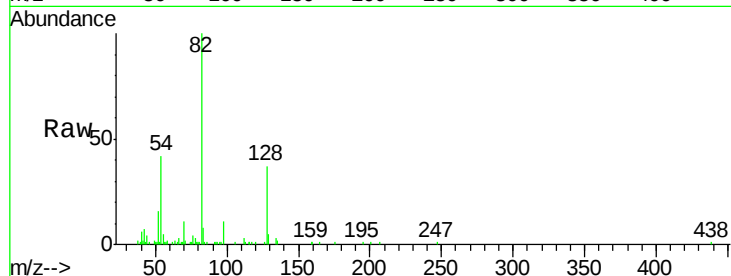
Tgt Ion:117 Resp: 133

Ion Ratio Lower Upper

117 100

201 76.5 73.6 110.4

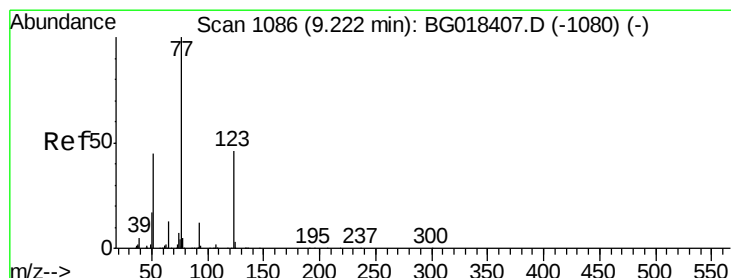
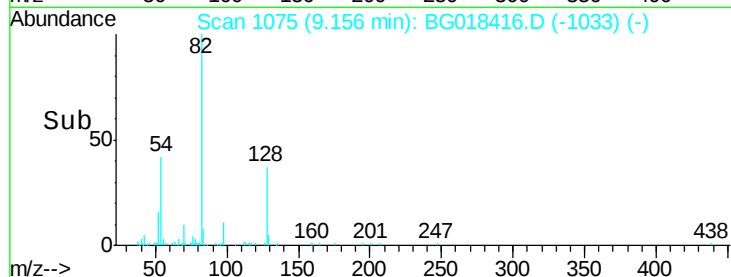
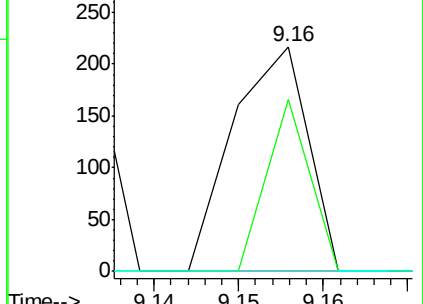
199 0.0 48.6 72.8#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 0.03 ng/ul

RT: 9.20 min Scan# 1083

Delta R.T. -0.02 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

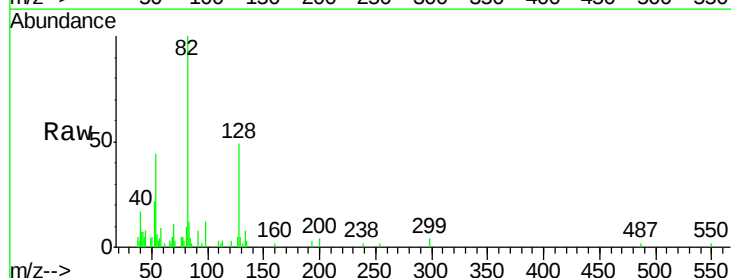
Tgt Ion: 77 Resp: 239

Ion Ratio Lower Upper

77 100

123 0.0 32.8 49.2#

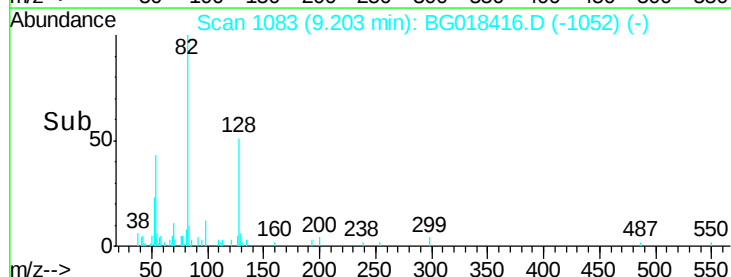
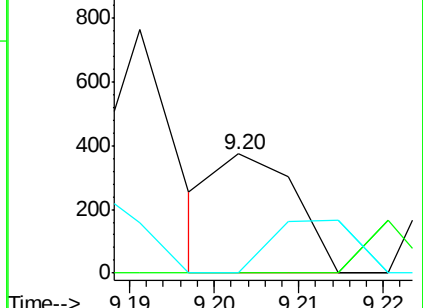
65 0.0 12.2 18.2#

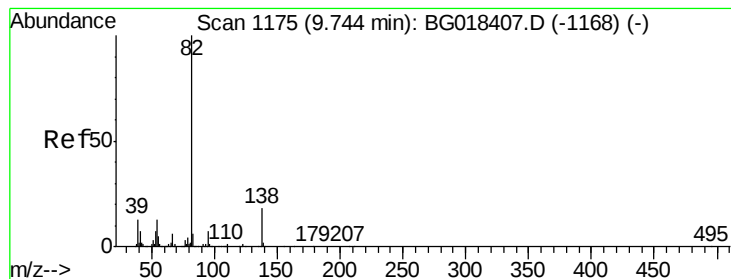


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 0.01 ng/ul

RT: 9.73 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

Instrument :

BNA_M

ClientSampleId :

MDL-08-S-ML

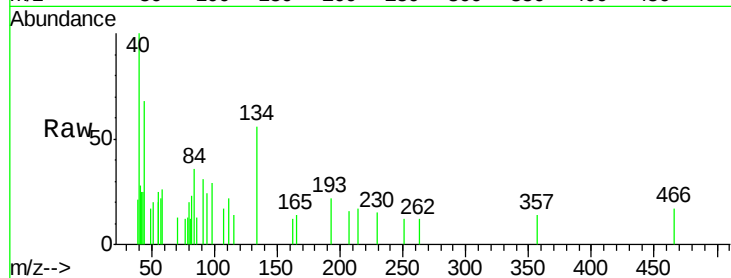
Tgt Ion: 82 Resp: 110

Ion Ratio Lower Upper

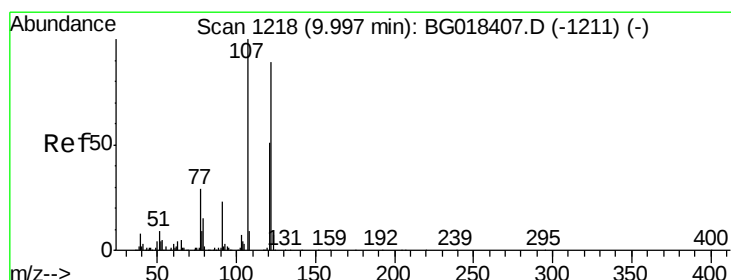
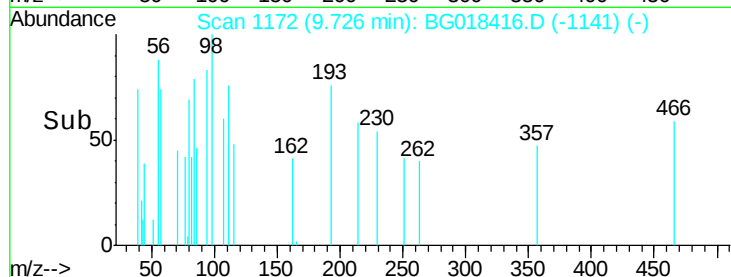
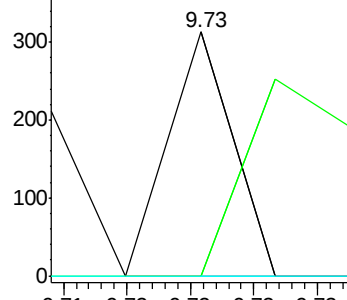
82 100

95 0.0 5.2 7.8#

138 0.0 13.8 20.8#



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



#24

2,4-Dimethylphenol

Concen: 0.05 ng/ul

RT: 9.97 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

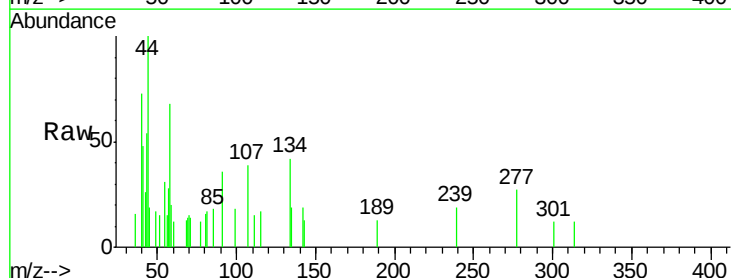
Tgt Ion: 107 Resp: 378

Ion Ratio Lower Upper

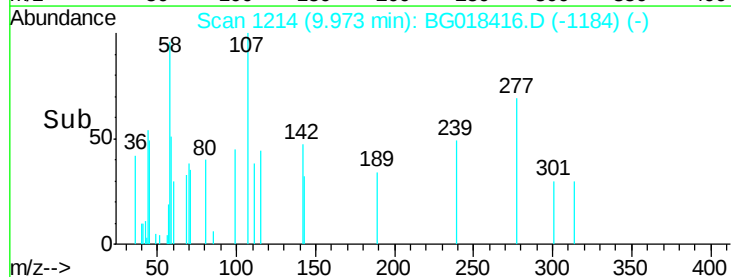
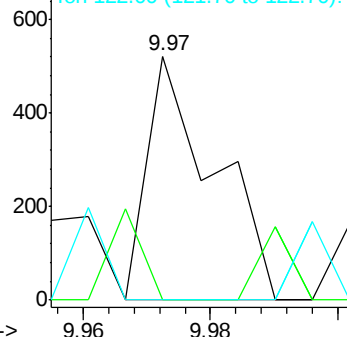
107 100

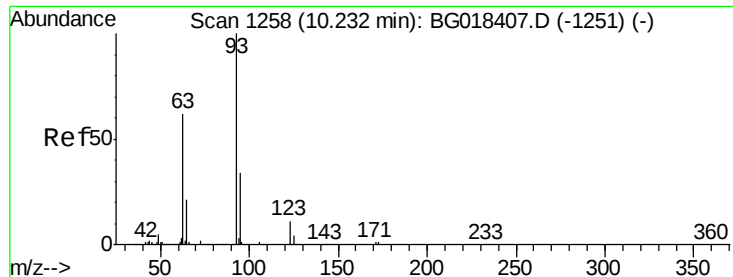
121 0.0 41.3 61.9#

122 0.0 71.9 107.9#



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





#25

Bis(2-Chloroethoxy)methane

Concen: 0.01 ng/ul

RT: 10.26 min Scan# 1263

Delta R.T. 0.03 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

Instrument :

BNA_M

ClientSampleId :

MDL-08-S-ML

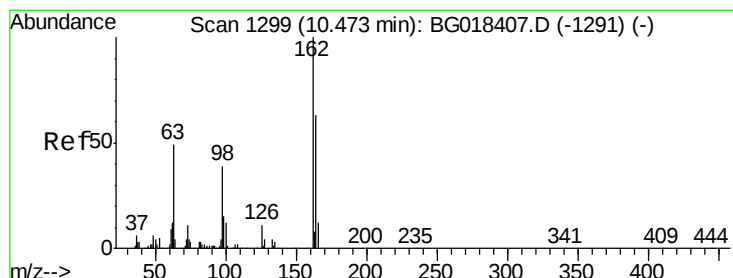
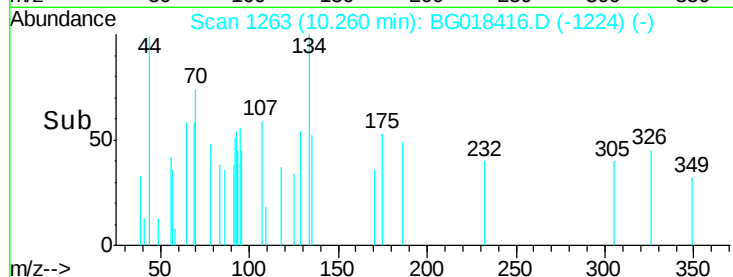
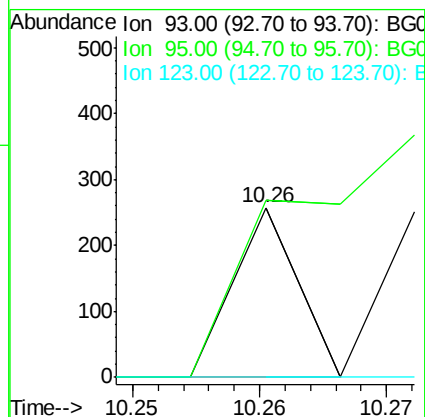
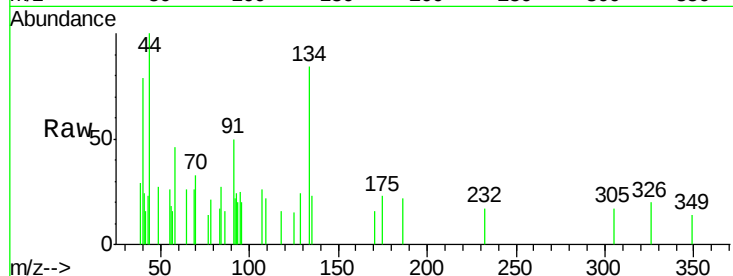
Tgt Ion: 93 Resp: 91

Ion Ratio Lower Upper

93 100

95 104.7 24.1 36.1#

123 0.0 8.9 13.3#



#27

2,4-Dichlorophenol

Concen: 0.03 ng/ul

RT: 10.44 min Scan# 1294

Delta R.T. -0.03 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

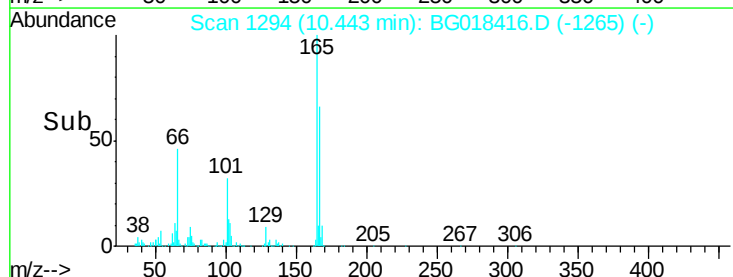
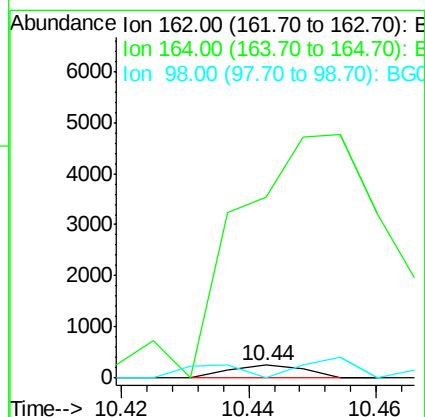
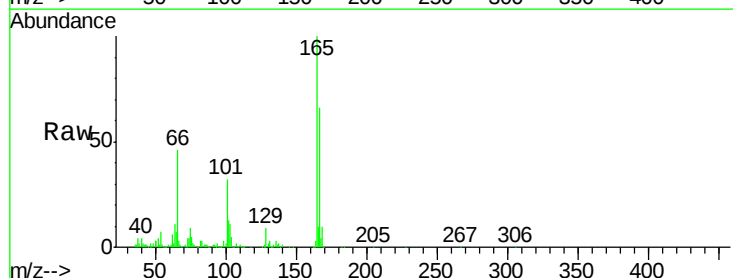
Tgt Ion: 162 Resp: 209

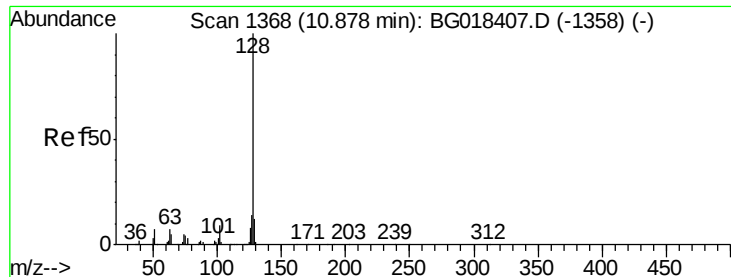
Ion Ratio Lower Upper

162 100

164 1401.2 51.7 77.5#

98 0.0 30.4 45.6#





#28

Naphthalene

Concen: 0.00 ng/ul

RT: 10.84 min Scan# 1362

Delta R.T. -0.04 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

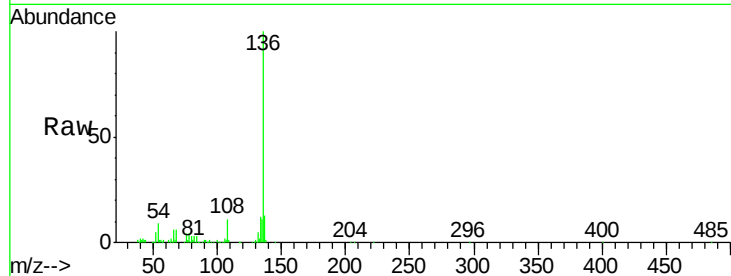
Instrument :

BNA_M

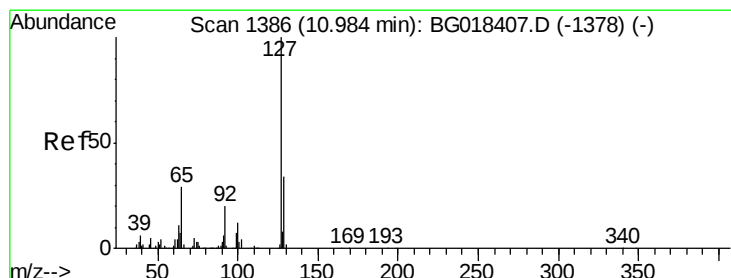
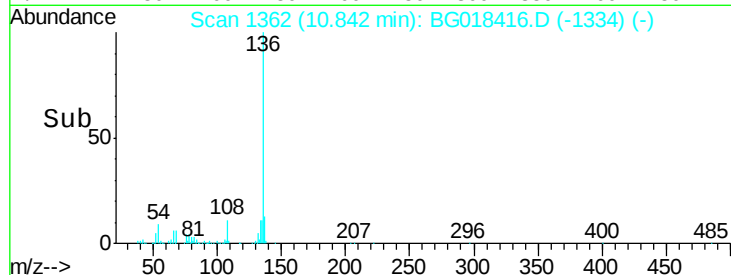
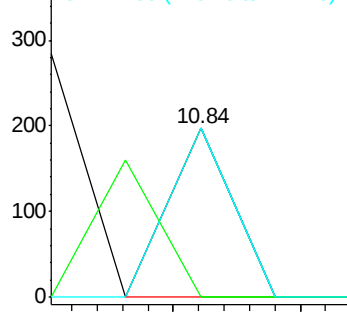
ClientSampleId :

MDL-08-S-ML

Tgt Ion:	128	Resp:	70
Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.6	14.4#
127	100.5	10.5	15.7#



Abundance Ion 128.00 (127.70 to 128.70): E



#30

4-Chloroaniline

Concen: 0.02 ng/ul

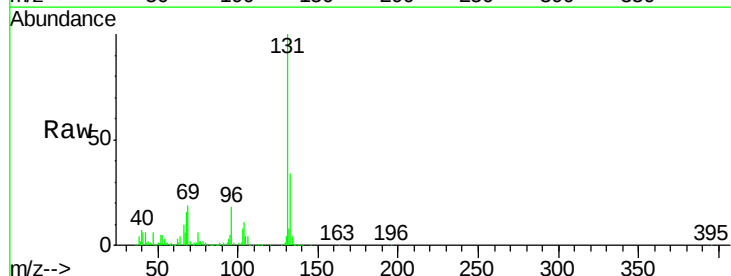
RT: 10.94 min Scan# 1379

Delta R.T. -0.04 min

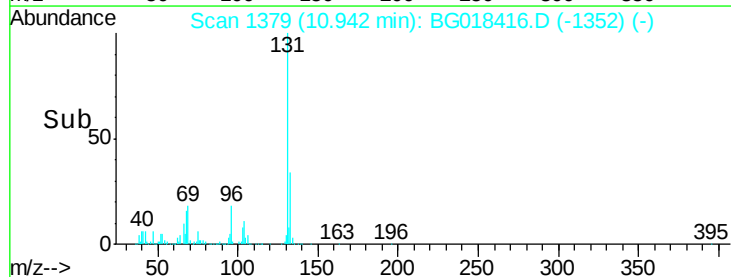
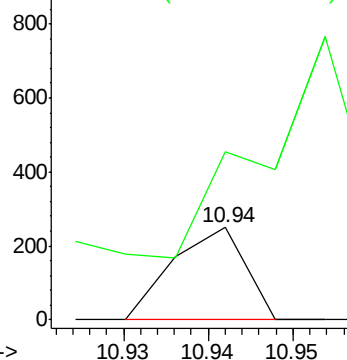
Lab File: BG018416.D

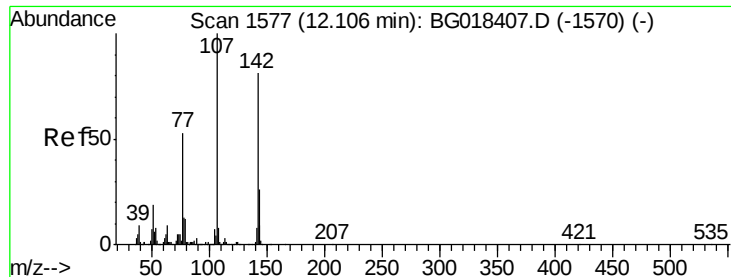
Acq: 13 Aug 2015 2:49

Tgt Ion:	127	Resp:	148
Ion	Ratio	Lower	Upper
127	100		
129	182.0	26.7	40.1#



Abundance Ion 127.00 (126.70 to 127.70): E





#33

4-Chloro-3-methylphenol

Concen: 0.02 ng/ul

RT: 12.09 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

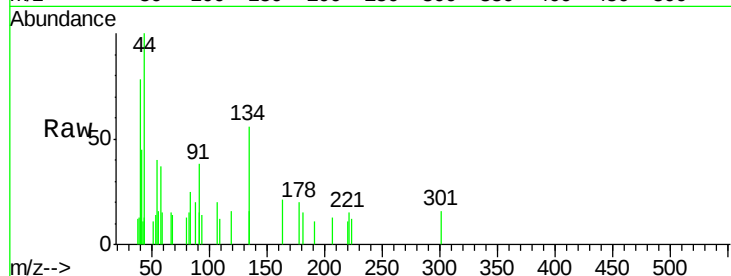
Instrument :

BNA_M

ClientSampleId :

MDL-08-S-ML

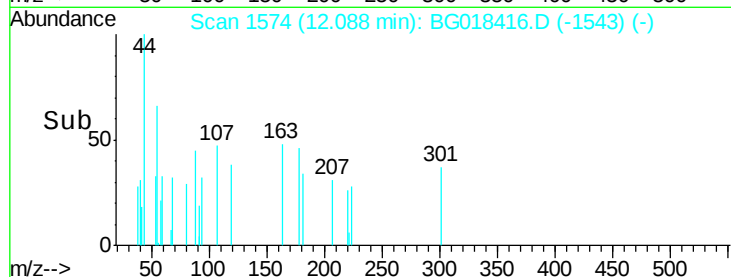
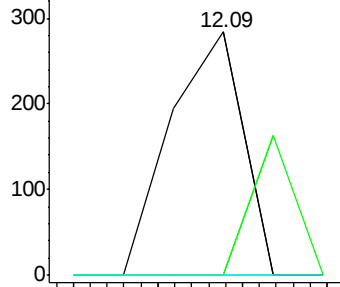
Tgt Ion	Ratio	Lower	Upper
107	100		
144	0.0	21.4	32.2#
142	0.0	66.0	99.0#



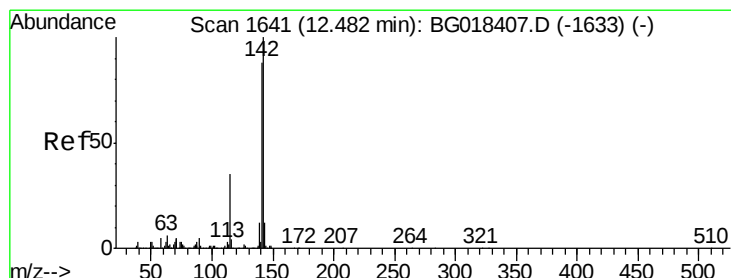
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->



#34

2-Methylnaphthalene

Concen: 0.01 ng/ul

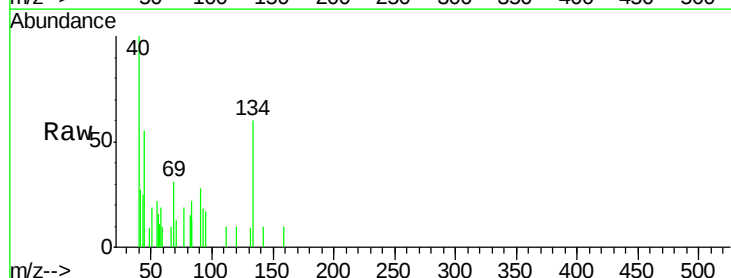
RT: 12.45 min Scan# 1636

Delta R.T. -0.03 min

Lab File: BG018416.D

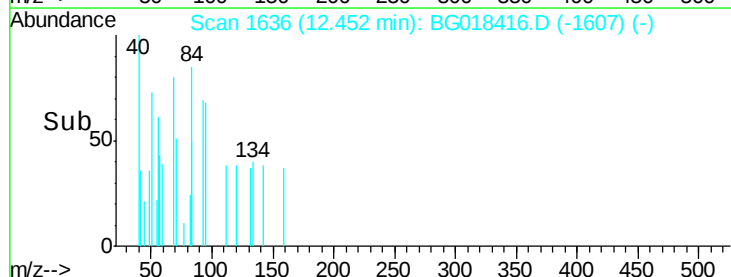
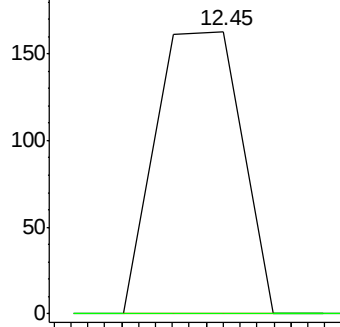
Acq: 13 Aug 2015 2:49

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

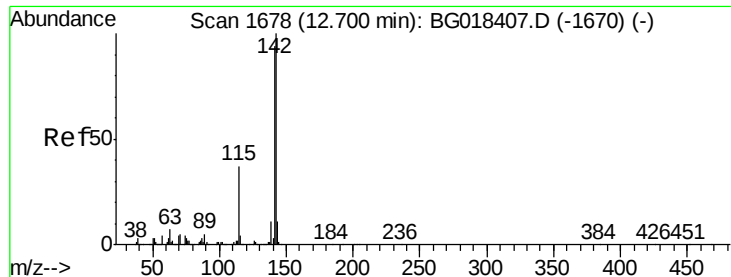


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



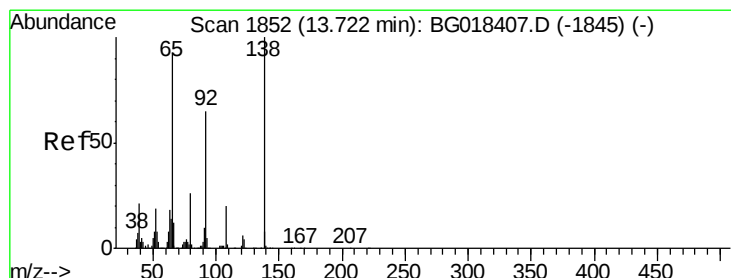
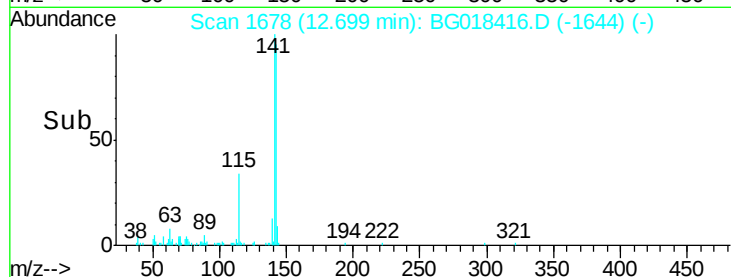
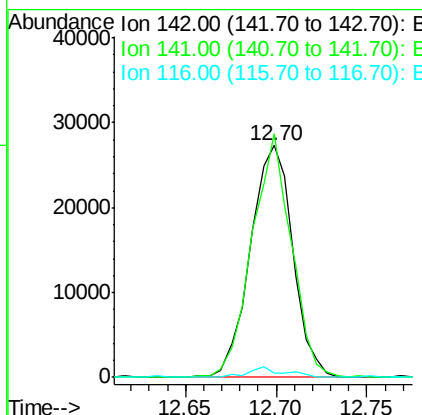
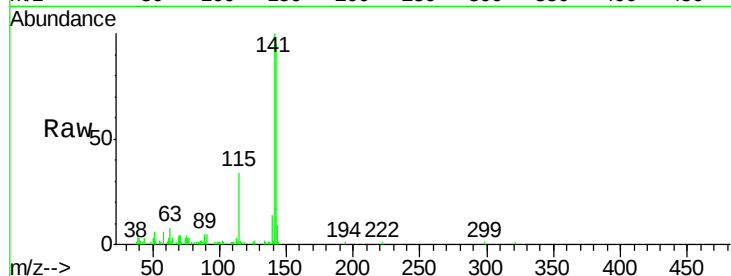
Time-->



#35
 1-Methylnaphthalene
 Concen: 3.00 ng/ul
 RT: 12.70 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BG018416.D
 Acq: 13 Aug 2015 2:49

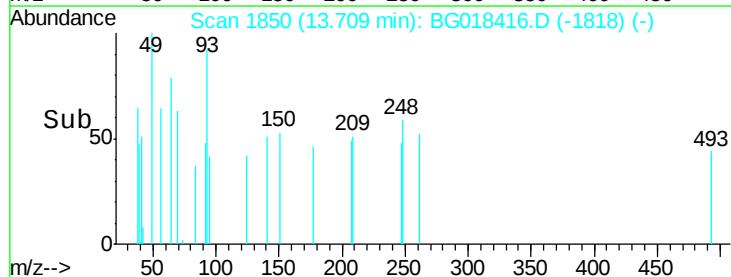
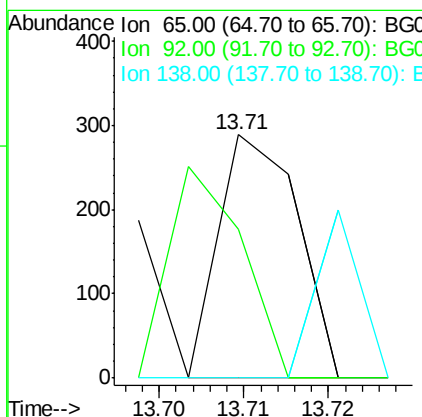
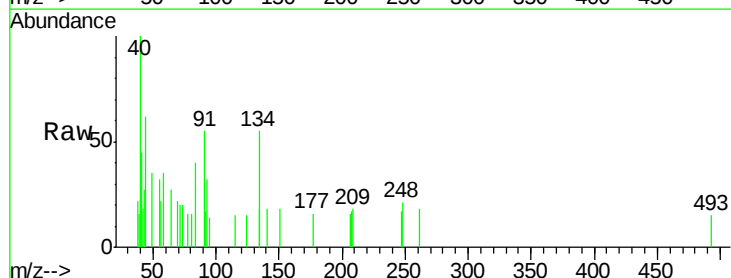
Instrument :
 BNA_M
 ClientSampleId :
 MDL-08-S-ML

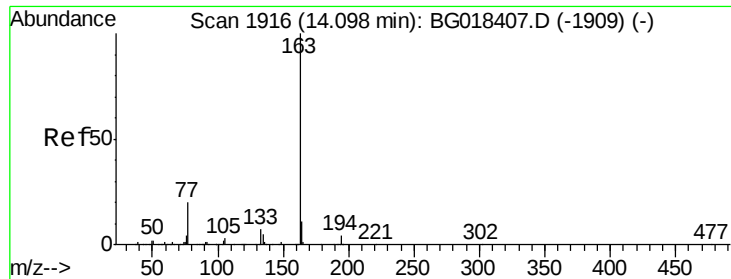
Tgt Ion: 142 Resp: 44335
 Ion Ratio Lower Upper
 142 100
 141 105.0 77.1 115.7
 116 2.1 3.5 5.3#



#43
 2-Nitroaniline
 Concen: 0.03 ng/ul
 RT: 13.71 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BG018416.D
 Acq: 13 Aug 2015 2:49

Tgt Ion: 65 Resp: 187
 Ion Ratio Lower Upper
 65 100
 92 60.9 51.1 76.7
 138 0.0 75.1 112.7#





#45

Dimethylphthalate

Concen: 0.05 ng/ul

RT: 14.06 min Scan# 1909

Delta R.T. -0.04 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

Instrument :

BNA_M

ClientSampleId :

MDL-08-S-ML

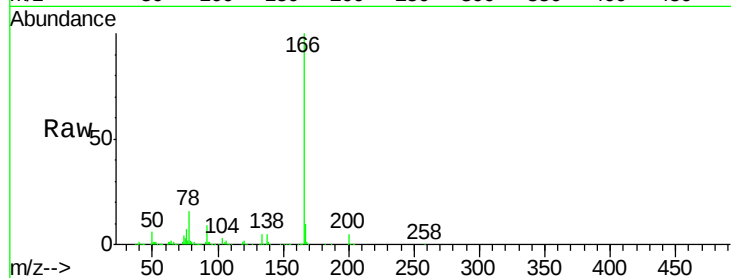
Tgt Ion:163 Resp: 1062

Ion Ratio Lower Upper

163 100

194 0.0 2.9 4.3#

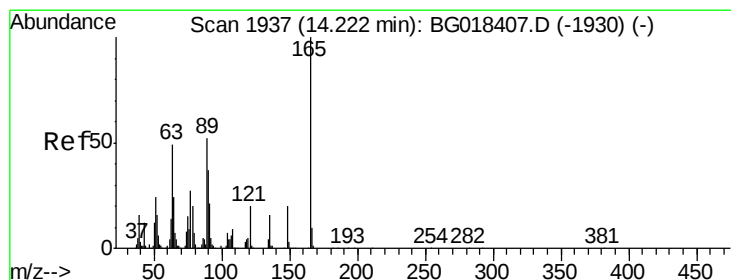
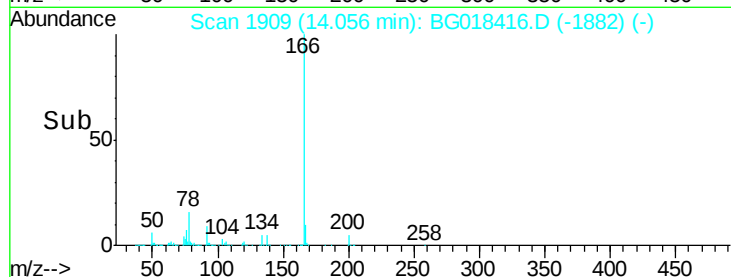
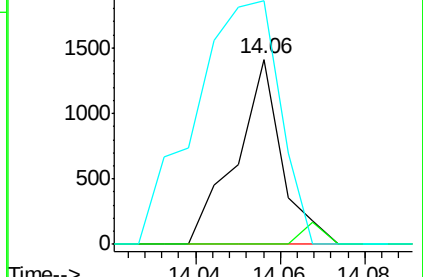
164 131.4 7.7 11.5#



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: 0.02 ng/ul

RT: 14.25 min Scan# 1942

Delta R.T. 0.03 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

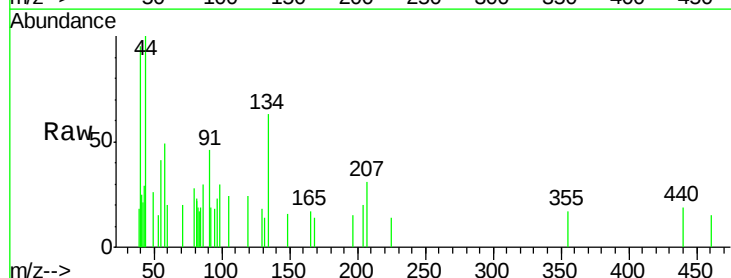
Tgt Ion:165 Resp: 65

Ion Ratio Lower Upper

165 100

89 0.0 50.2 75.2#

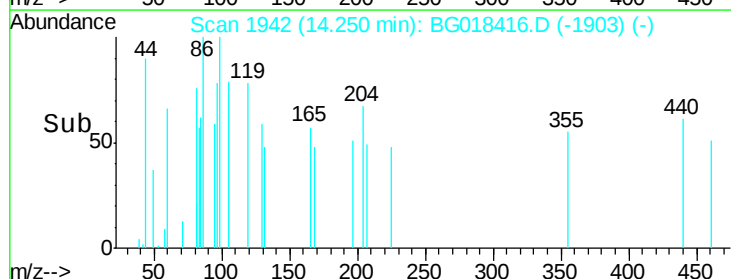
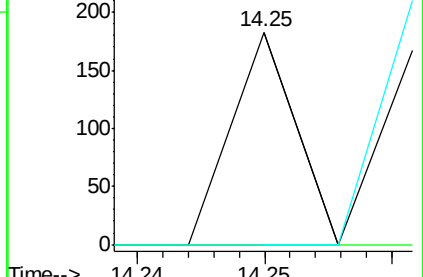
121 0.0 19.4 29.2#

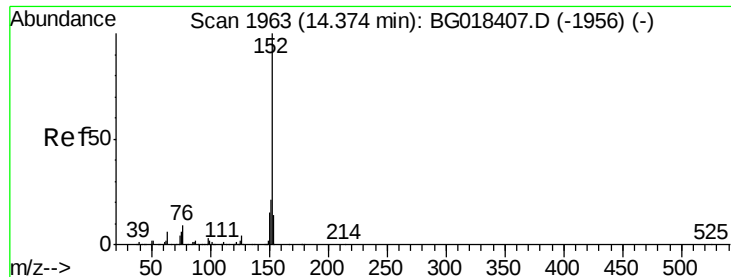


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#48

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.34 min Scan# 1958

Delta R.T. -0.03 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

Instrument :

BNA_M

ClientSampleId :

MDL-08-S-ML

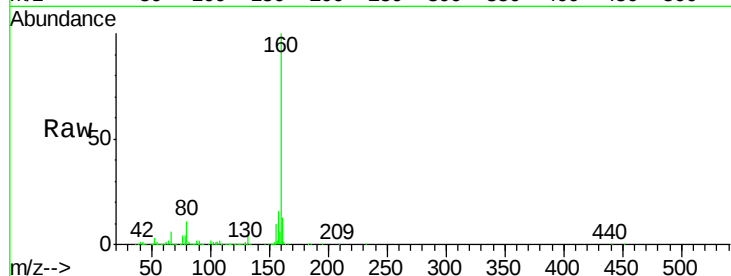
Tgt Ion:152 Resp: 329

Ion Ratio Lower Upper

152 100

151 43.7 15.4 23.2#

153 84.7 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

14.34

400

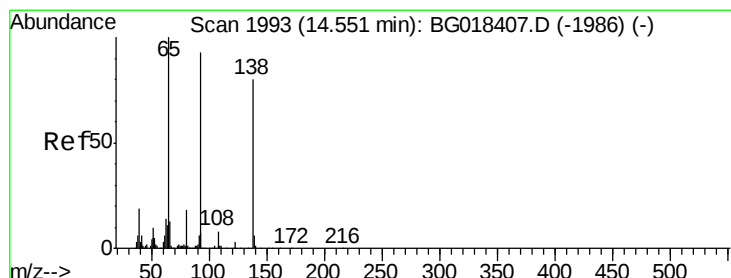
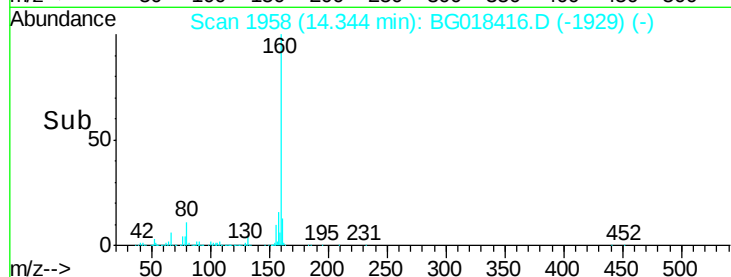
200

0

14.32

14.34

Time-->



#49

3-Nitroaniline

Concen: 0.04 ng/ul

RT: 14.44 min Scan# 1974

Delta R.T. -0.11 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

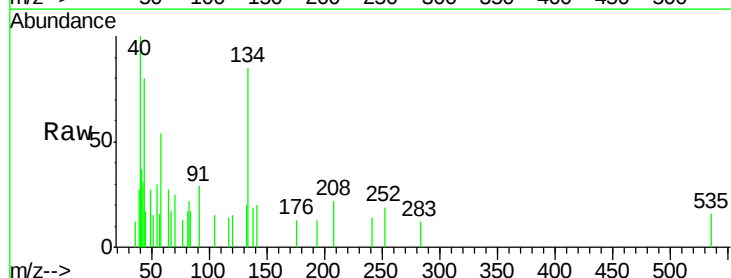
Tgt Ion:138 Resp: 190

Ion Ratio Lower Upper

138 100

108 0.0 9.4 14.0#

92 0.0 102.8 154.2#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

14.44

300

200

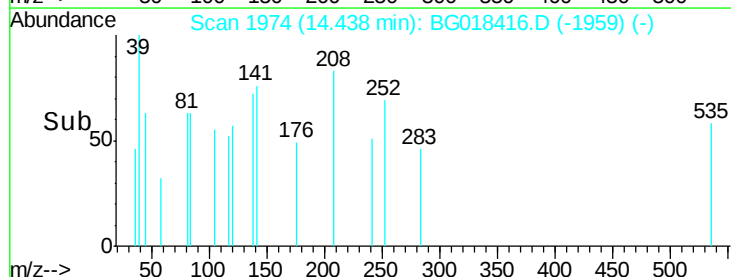
100

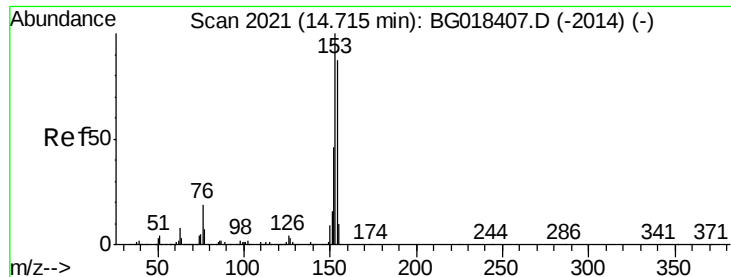
0

14.42

14.44

Time-->





#50

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.67 min Scan# 2013

Delta R.T. -0.05 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

Instrument :

BNA_M

ClientSampleId :

MDL-08-S-ML

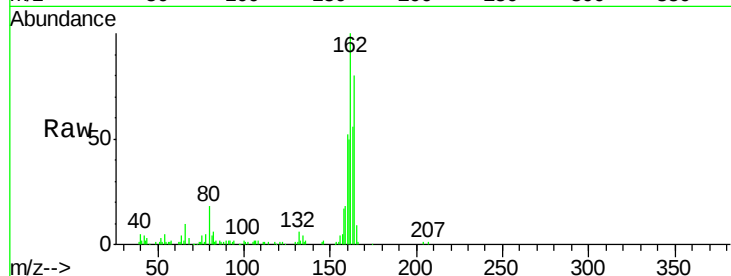
Tgt Ion:153 Resp: 55

Ion Ratio Lower Upper

153 100

152 0.0 38.2 57.4#

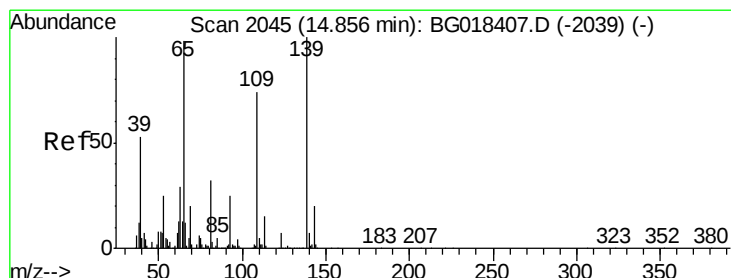
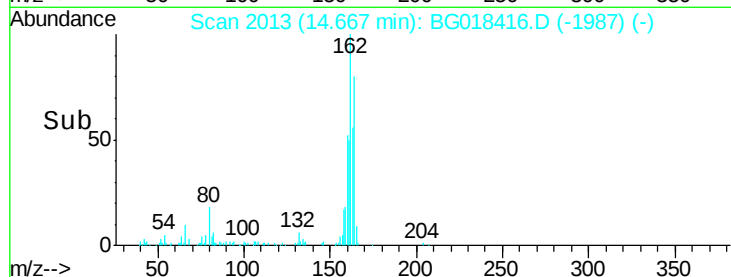
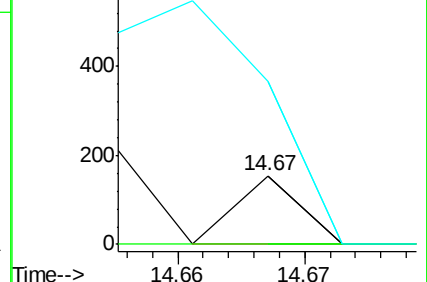
154 236.8 68.6 103.0#



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: BG018416.D

Acq: 13 Aug 2015 2:49

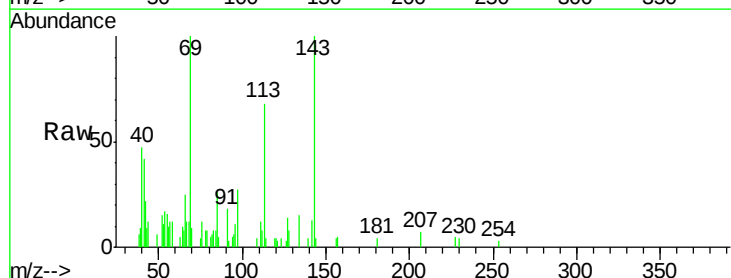
Tgt Ion:109 Resp: 121

Ion Ratio Lower Upper

109 100

139 97.8 111.3 166.9#

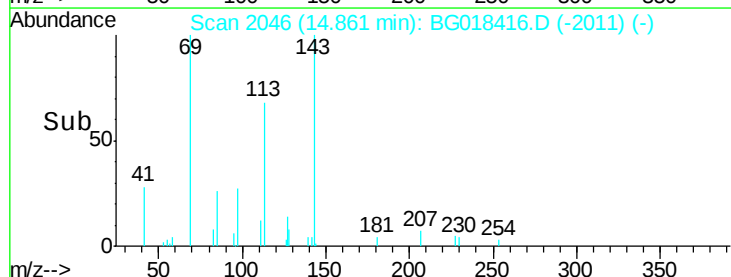
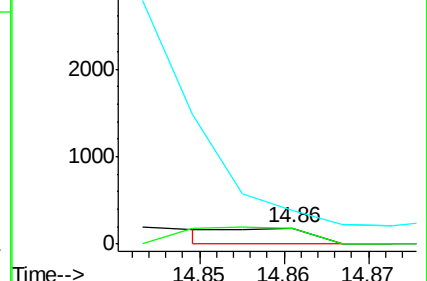
65 214.8 105.3 157.9#

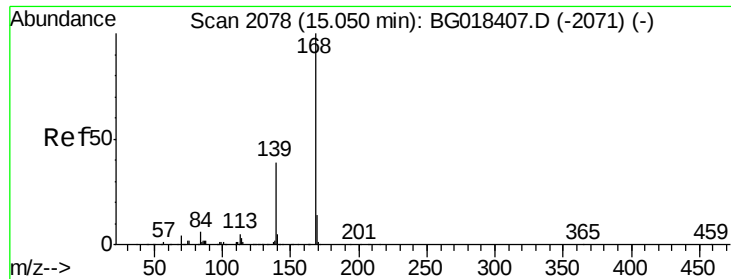


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC





#54

Dibenzofuran

Concen: 0.00 ng/ul

RT: 14.94 min Scan# 2059

Delta R.T. -0.11 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

Instrument :

BNA_M

ClientSampled :

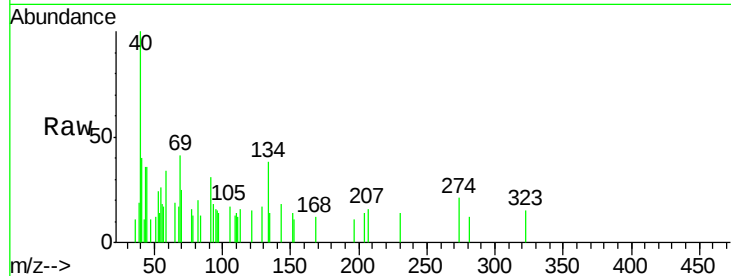
MDL-08-S-ML

Tgt Ion:168 Resp: 114

Ion Ratio Lower Upper

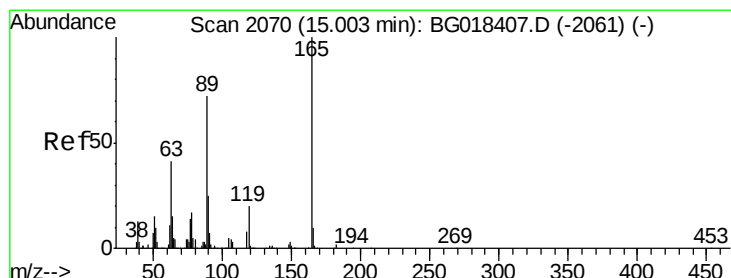
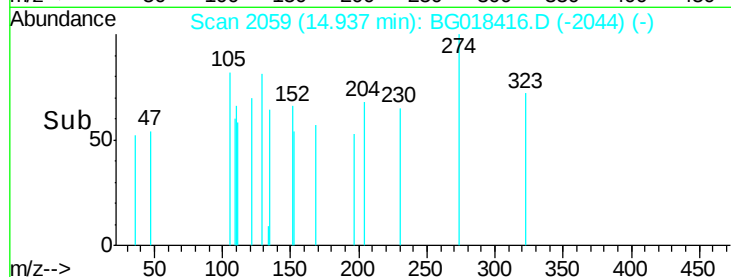
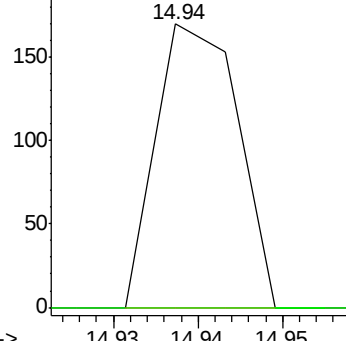
168 100

139 0.0 29.7 44.5#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 0.01 ng/ul

RT: 14.97 min Scan# 2065

Delta R.T. -0.03 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

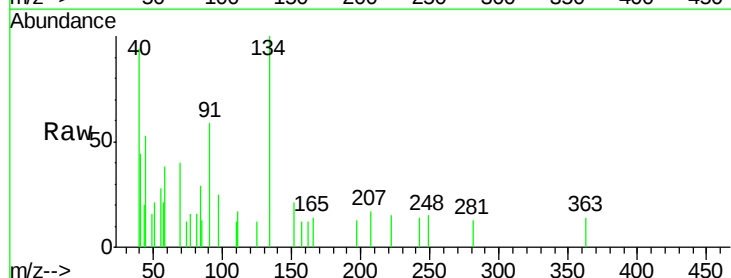
Tgt Ion:165 Resp: 65

Ion Ratio Lower Upper

165 100

63 0.0 36.7 55.1#

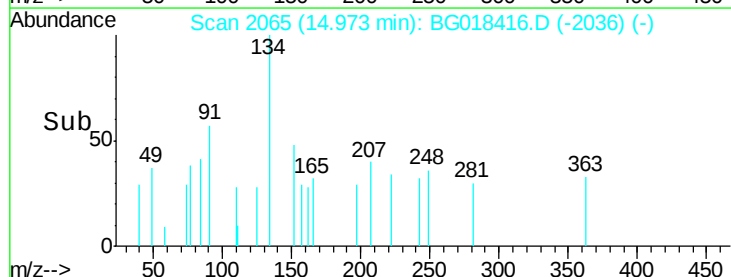
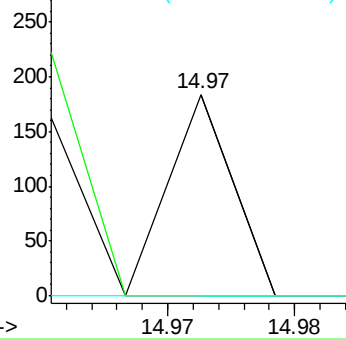
182 0.0 2.2 3.2#

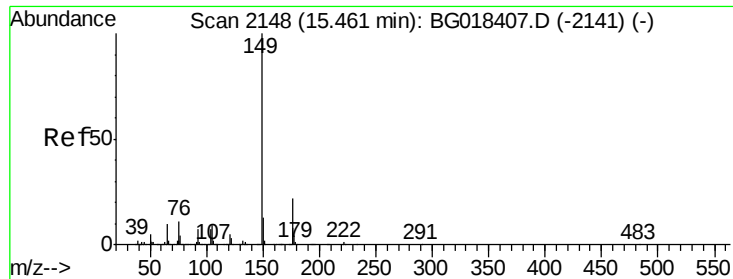


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 182.00 (181.70 to 182.70): E

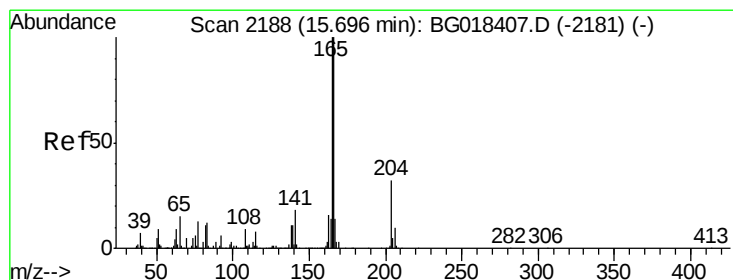
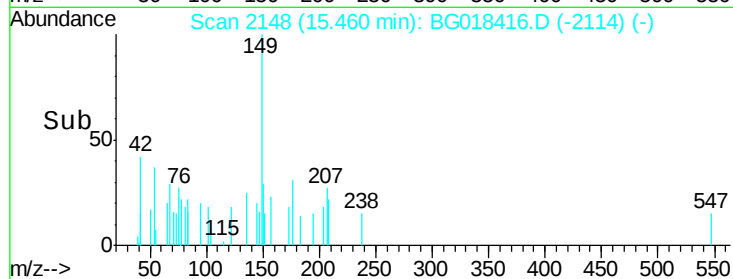
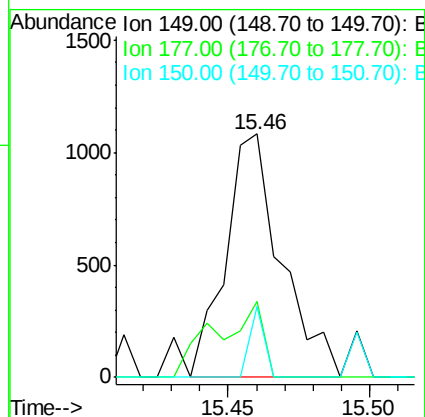
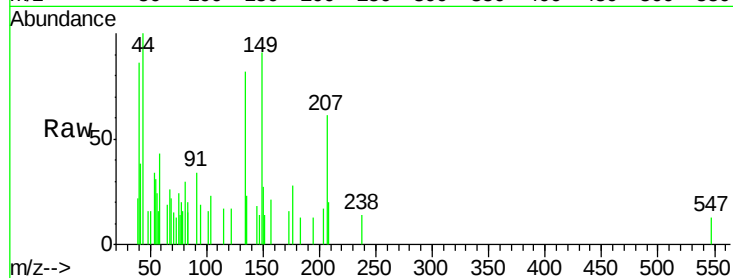




#57
Diethylphthalate
Concen: 0.06 ng/ul
RT: 15.46 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG018416.D
Acq: 13 Aug 2015 2:49

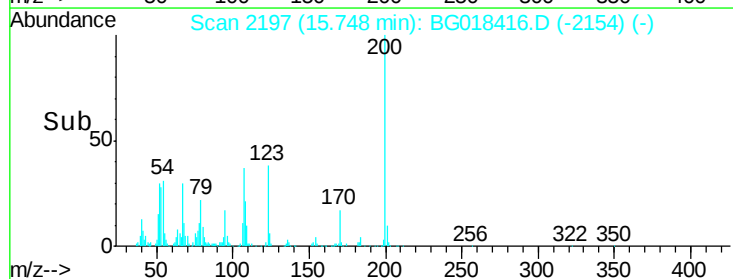
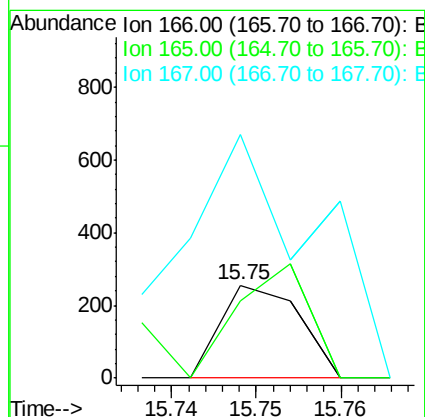
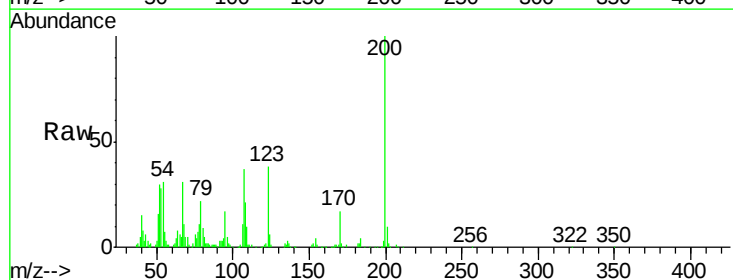
Instrument :
BNA_M
ClientSampleId :
MDL-08-S-ML

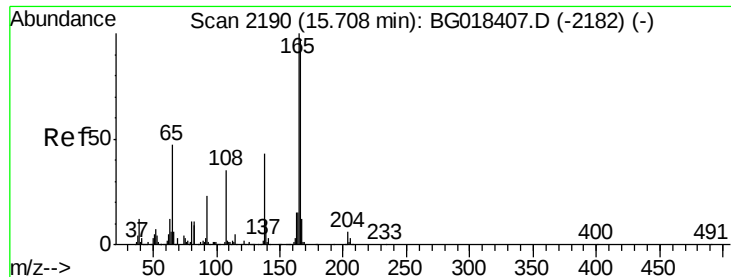
Tgt Ion:149 Resp: 1477
Ion Ratio Lower Upper
149 100
177 31.2 18.2 27.4#
150 29.3 9.7 14.5#



#59
Fluorene
Concen: 0.01 ng/ul
RT: 15.75 min Scan# 2197
Delta R.T. 0.05 min
Lab File: BG018416.D
Acq: 13 Aug 2015 2:49

Tgt Ion:166 Resp: 165
Ion Ratio Lower Upper
166 100
165 82.4 82.6 124.0#
167 261.7 11.4 17.0#





#61

4-Nitroaniline

Concen: 0.06 ng/ul

RT: 15.74 min Scan# 2196

Delta R.T. 0.03 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

Instrument :

BNA_M

ClientSampleId :

MDL-08-S-ML

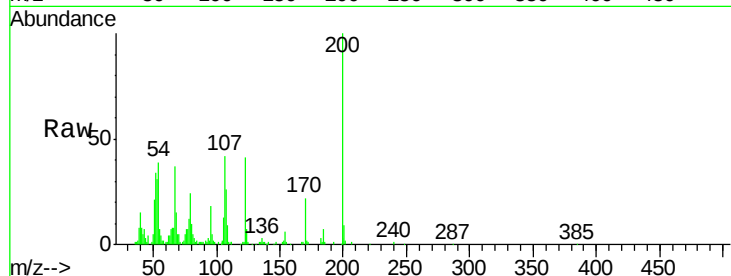
Tgt Ion:138 Resp: 276

Ion Ratio Lower Upper

138 100

92 152.9 44.0 66.0#

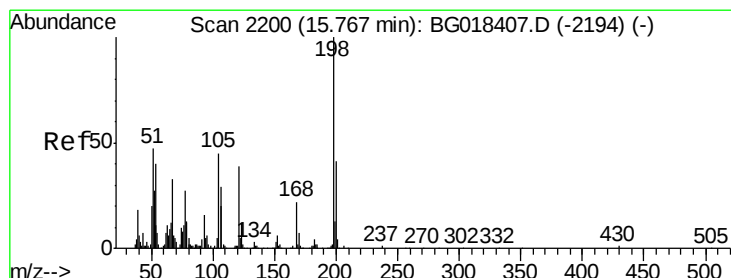
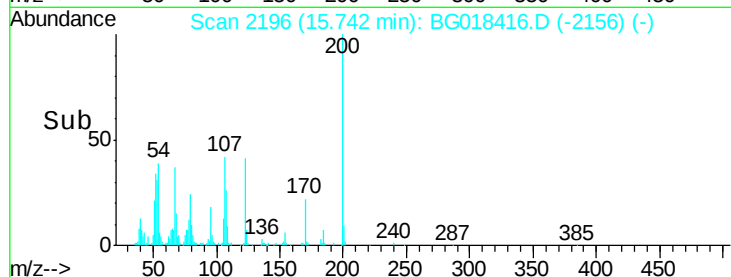
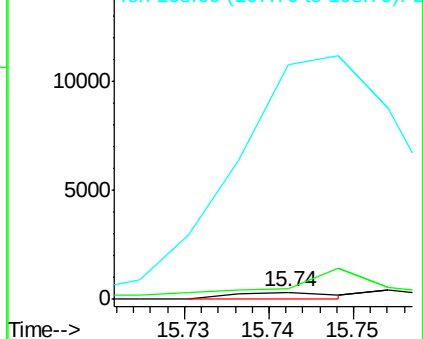
108 3271.7 64.6 97.0#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 0.02 ng/ul

RT: 15.77 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

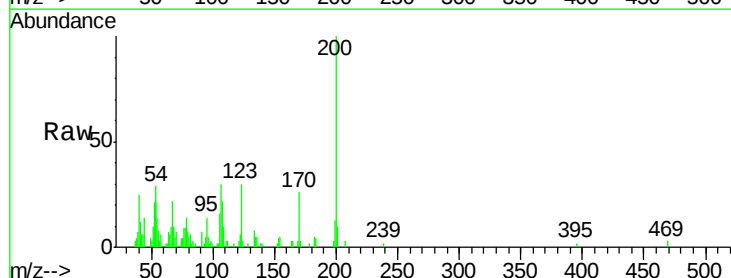
Tgt Ion:198 Resp: 83

Ion Ratio Lower Upper

198 100

182 189.0 3.4 5.0#

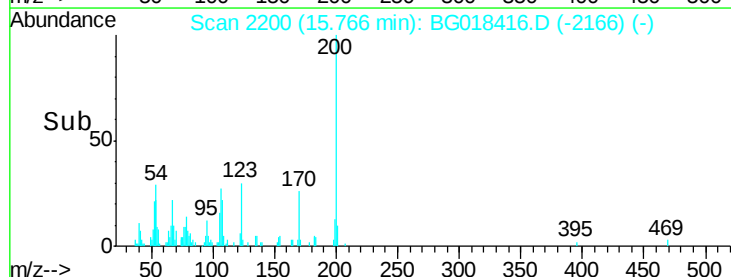
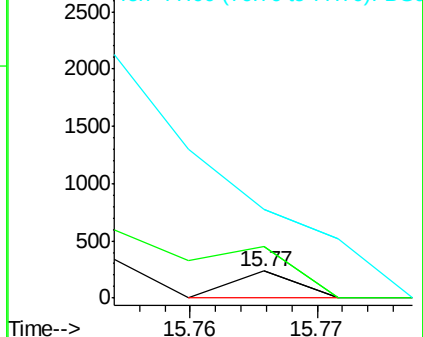
77 329.2 22.4 33.6#

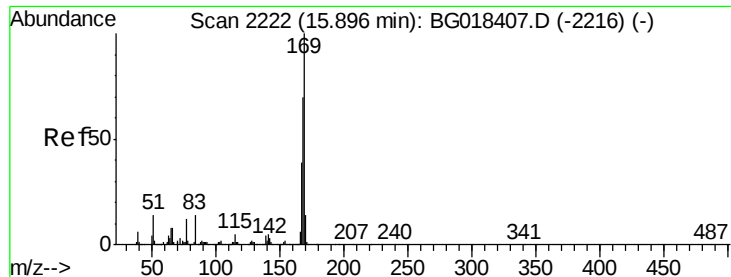


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BGC





#65

N-Nitrosodiphenylamine

Concen: 0.00 ng/ul

RT: 15.78 min Scan# 2202

Delta R.T. -0.12 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

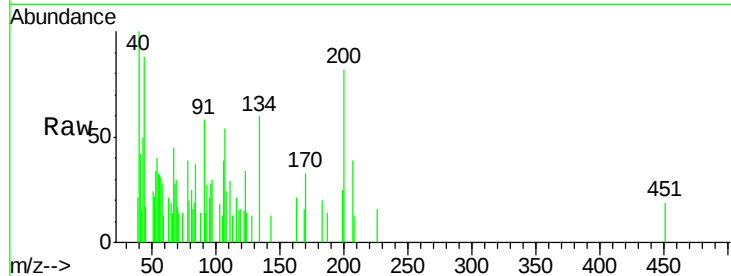
Instrument :

BNA_M

ClientSampleId :

MDL-08-S-ML

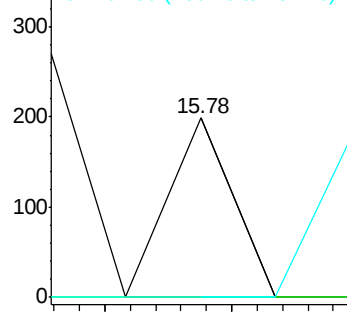
Tgt Ion:	169	Resp:	70
Ion	Ratio	Lower	Upper
169	100		
168	0.0	60.2	90.2#
167	0.0	33.4	50.2#



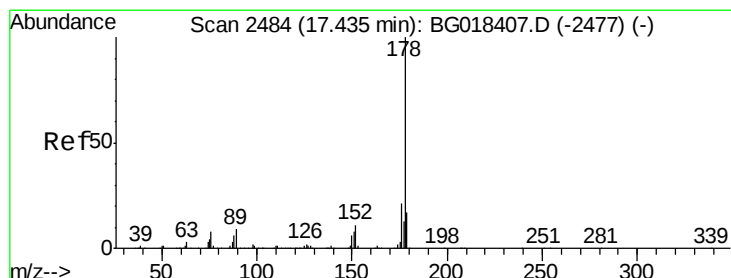
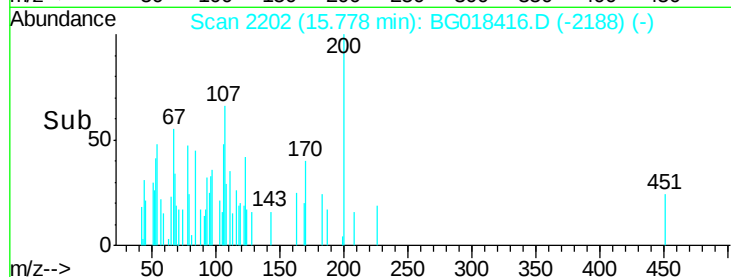
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#70

Phenanthrene

Concen: 0.01 ng/ul

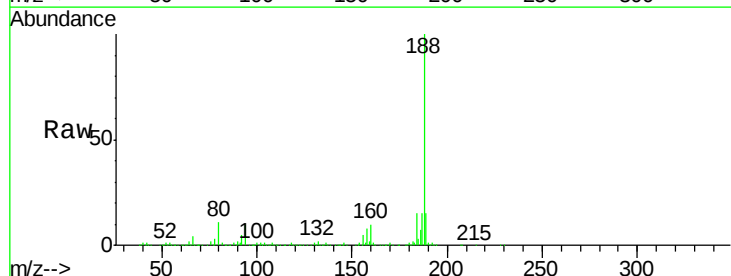
RT: 17.39 min Scan# 2477

Delta R.T. -0.04 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

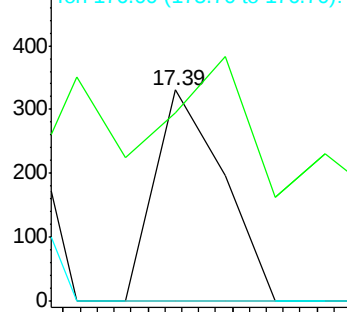
Tgt Ion:	178	Resp:	186
Ion	Ratio	Lower	Upper
178	100		
179	89.4	13.7	20.5#
176	0.0	16.6	24.8#



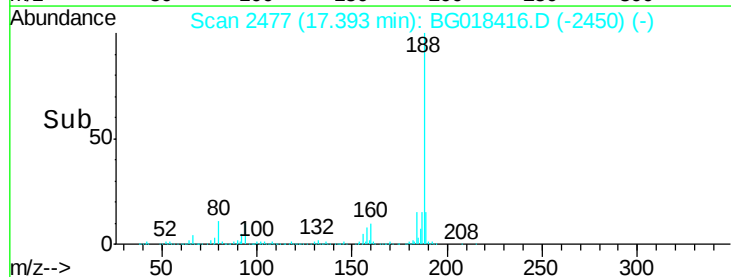
Abundance Ion 178.00 (177.70 to 178.70): E

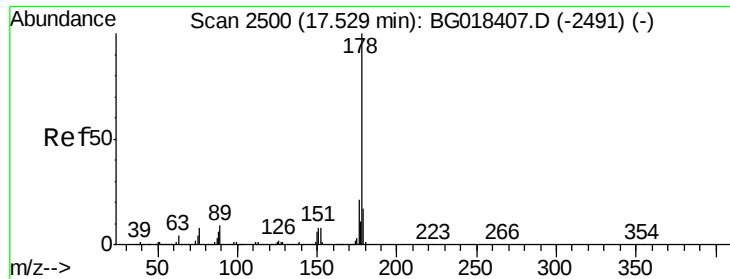
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





#72

Anthracene

Concen: 0.01 ng/ul

RT: 17.49 min Scan# 2494

Delta R.T. -0.04 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

Instrument :

BNA_M

ClientSampleId :

MDL-08-S-ML

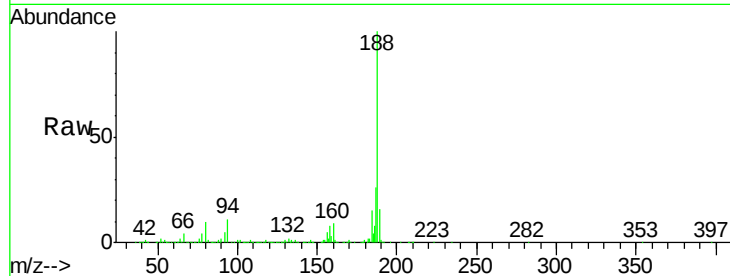
Tgt Ion:178 Resp: 370

Ion Ratio Lower Upper

178 100

179 112.4 13.0 19.4#

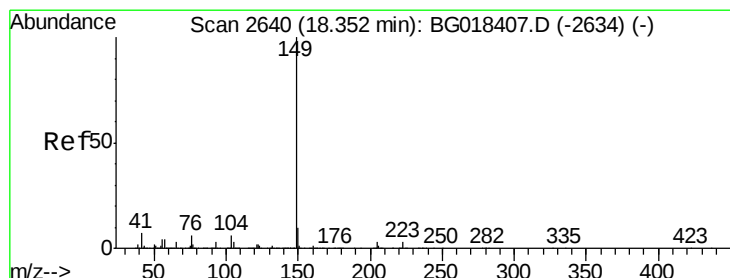
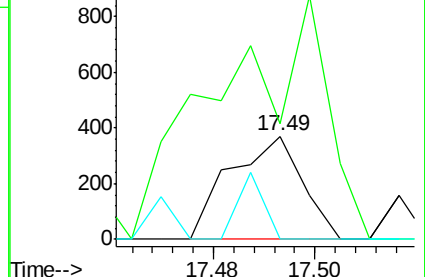
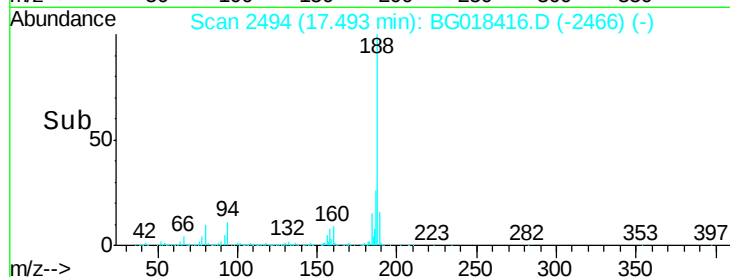
176 0.0 16.0 24.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#76

Di-n-butylphthalate

Concen: 0.03 ng/ul

RT: 18.35 min Scan# 2640

Delta R.T. -0.00 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

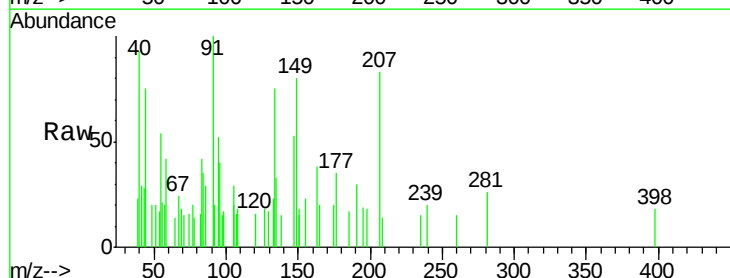
Tgt Ion:149 Resp: 1049

Ion Ratio Lower Upper

149 100

150 0.0 7.5 11.3#

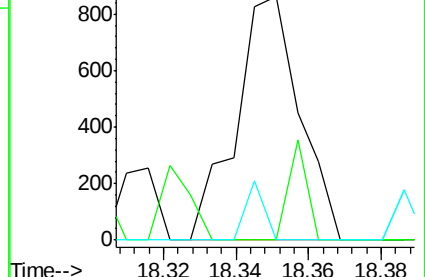
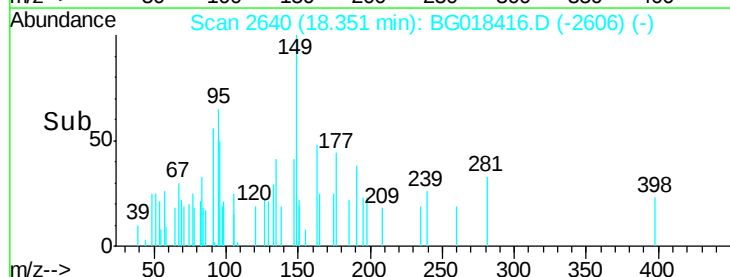
104 0.0 4.3 6.5#

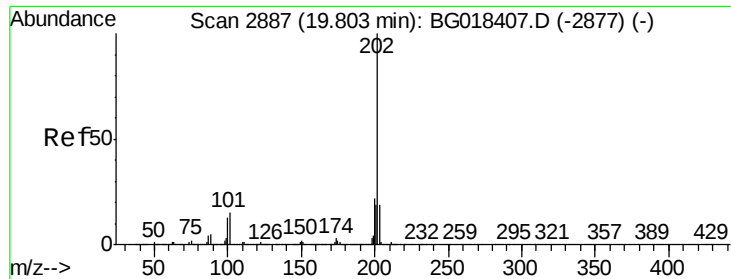


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#80

Pyrene

Concen: 0.00 ng/ul

RT: 19.81 min Scan# 2889

Delta R.T. 0.01 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

Instrument :

BNA_M

ClientSampleId :

MDL-08-S-ML

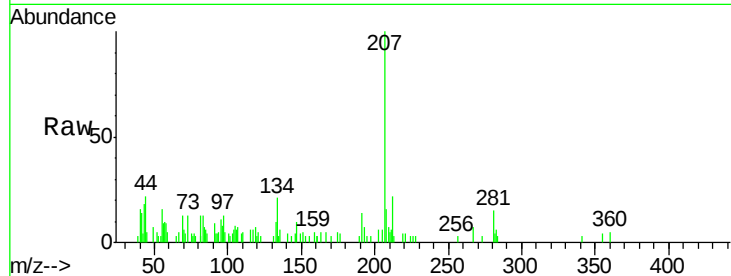
Tgt Ion: 202 Resp: 170

Ion Ratio Lower Upper

202 100

101 0.0 11.0 16.4#

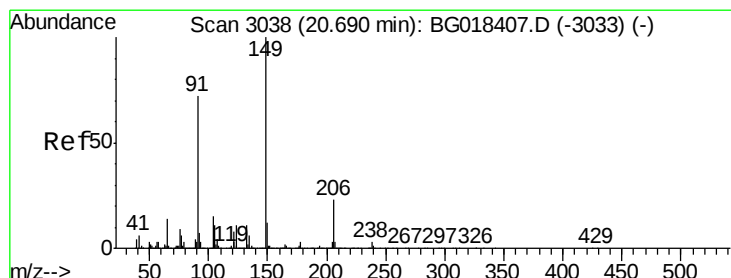
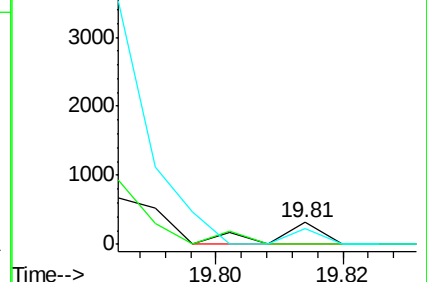
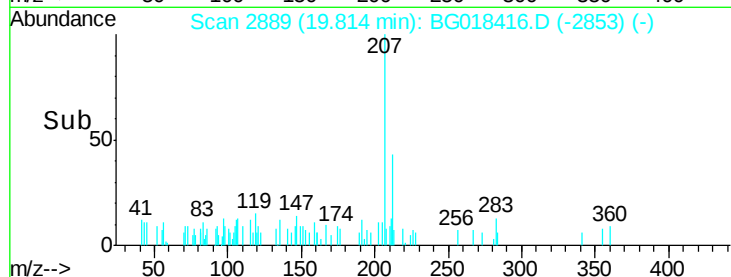
100 72.8 9.8 14.6#



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



#81

Butylbenzylphthalate

Concen: 0.02 ng/ul

RT: 20.68 min Scan# 3037

Delta R.T. -0.01 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

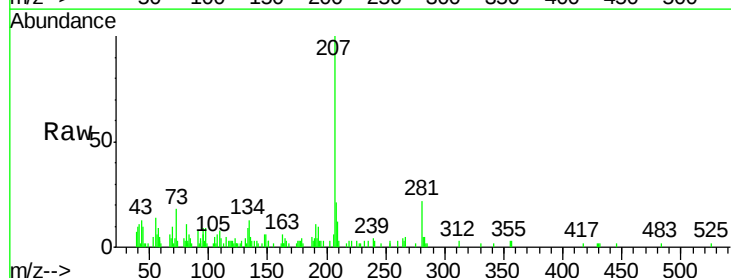
Tgt Ion: 149 Resp: 333

Ion Ratio Lower Upper

149 100

91 140.4 57.9 86.9#

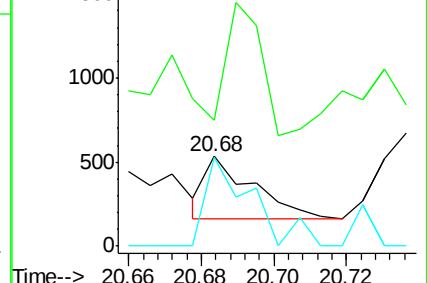
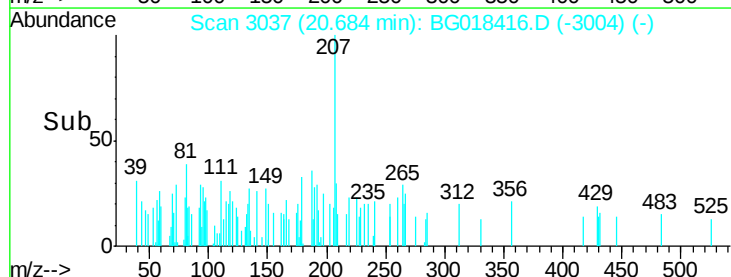
206 99.3 17.9 26.9#

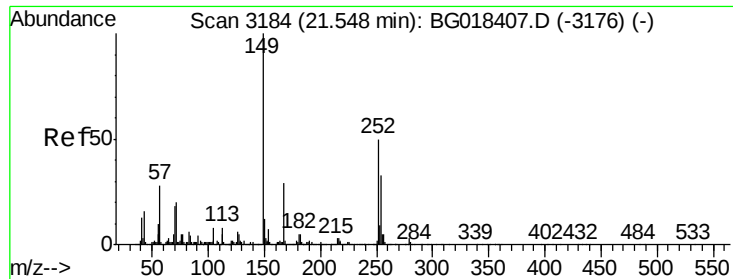


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

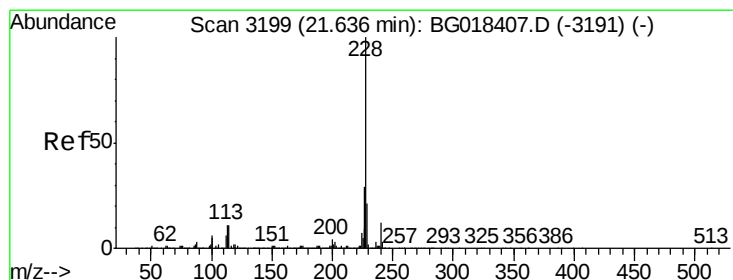
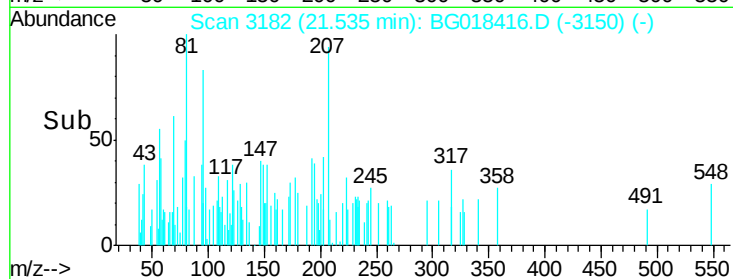
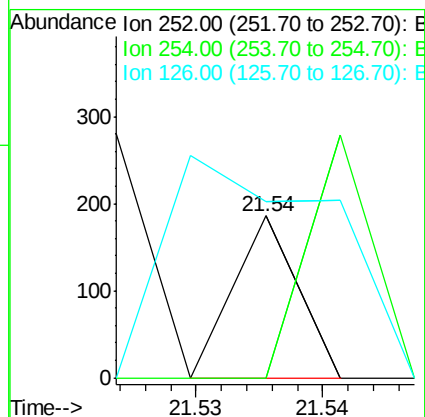
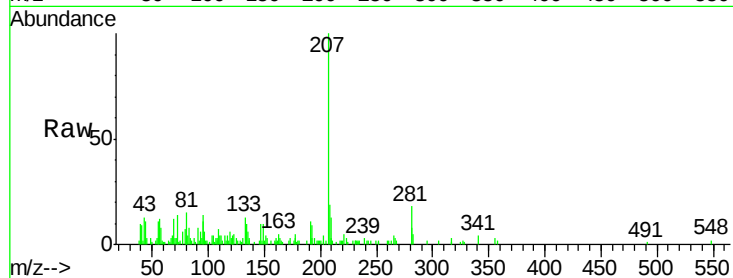




#82
 3,3'-Dichlorobenzidine
 Concen: 0.00 ng/ul
 RT: 21.54 min Scan# 3182
 Delta R.T. -0.01 min
 Lab File: BG018416.D
 Acq: 13 Aug 2015 2:49

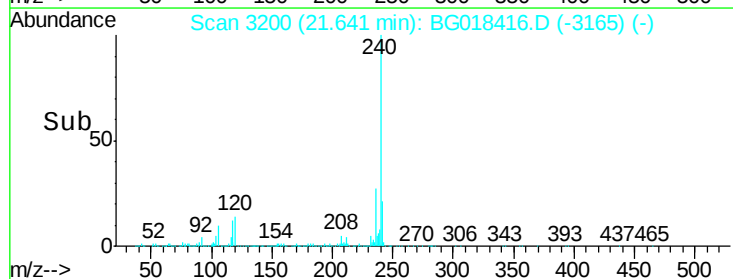
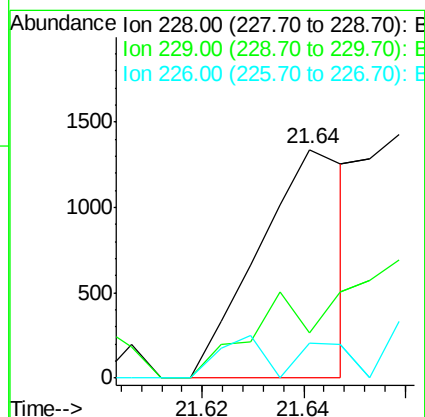
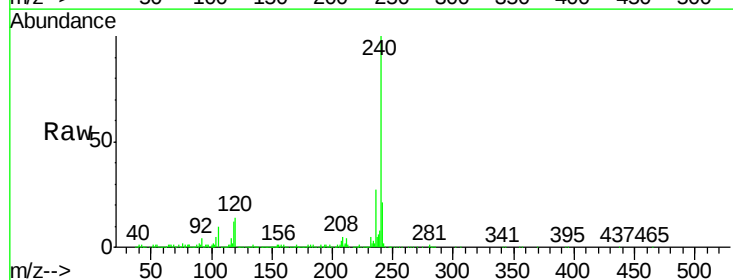
Instrument :
 BNA_M
 ClientSampleId :
 MDL-08-S-ML

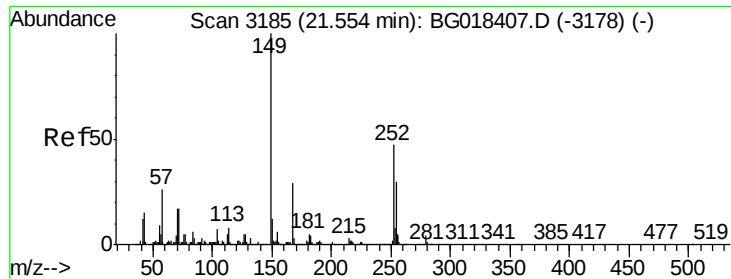
Tgt Ion:252 Resp: 66
 Ion Ratio Lower Upper
 252 100
 254 0.0 50.9 76.3#
 126 109.1 9.6 14.4#



#83
 Benzo(a)anthracene
 Concen: 0.04 ng/ul
 RT: 21.64 min Scan# 3200
 Delta R.T. 0.00 min
 Lab File: BG018416.D
 Acq: 13 Aug 2015 2:49

Tgt Ion:228 Resp: 1620
 Ion Ratio Lower Upper
 228 100
 229 19.9 15.5 23.3
 226 15.2 22.1 33.1#





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.08 ng/ul

RT: 21.55 min Scan# 3184

Delta R.T. -0.01 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

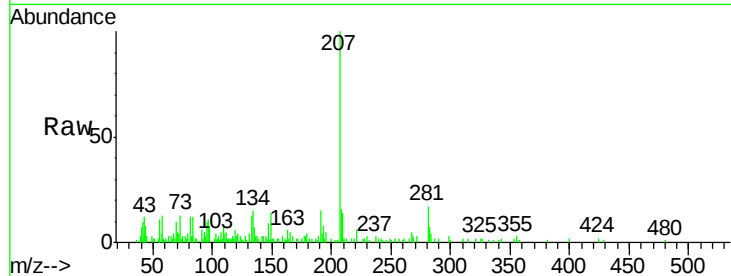
Instrument :

BNA_M

ClientSampleId :

MDL-08-S-ML

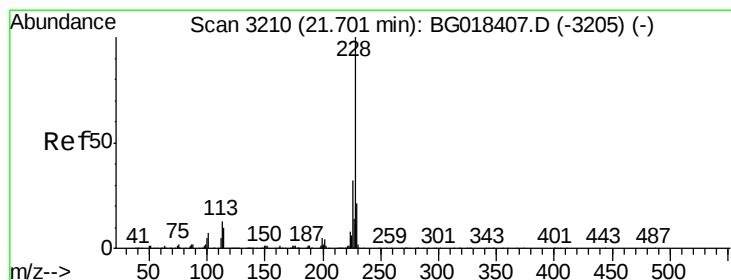
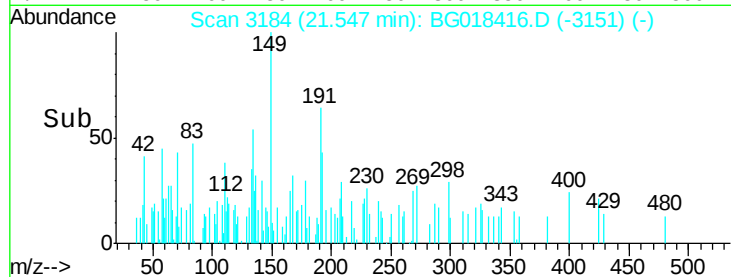
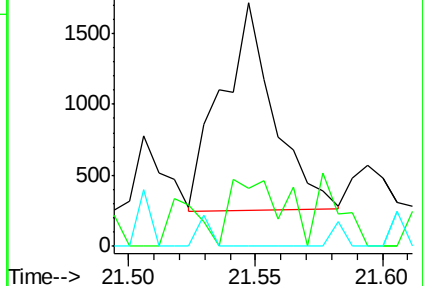
Tgt Ion:	149	Resp:	2100
Ion Ratio		Lower	Upper
149	100		
167	23.6	22.2	33.2
279	0.0	2.8	4.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 0.01 ng/ul

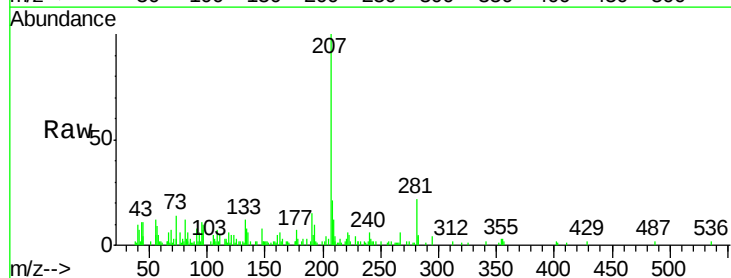
RT: 21.70 min Scan# 3210

Delta R.T. -0.00 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

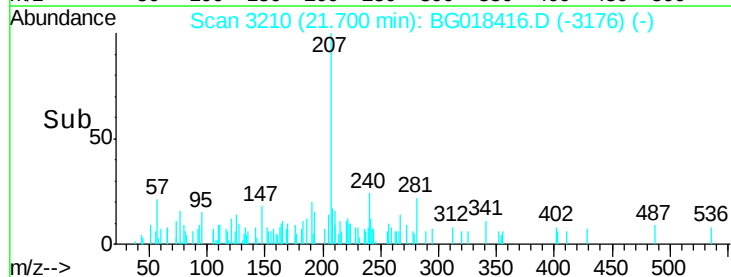
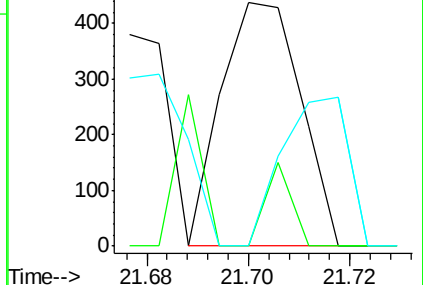
Tgt Ion:	228	Resp:	476
Ion Ratio		Lower	Upper
228	100		
226	0.0	26.5	39.7#
229	0.0	16.9	25.3#

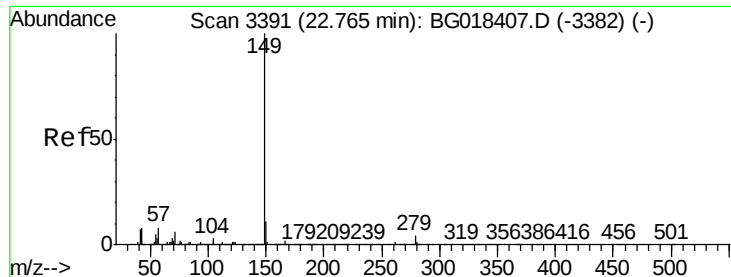


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

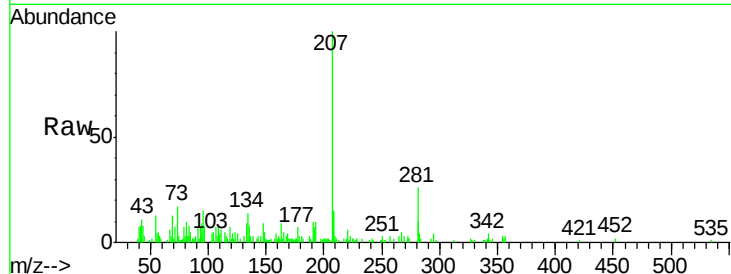




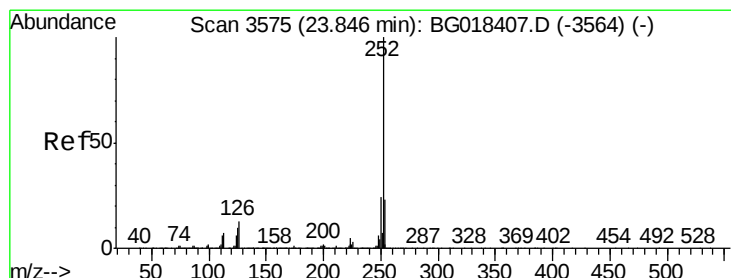
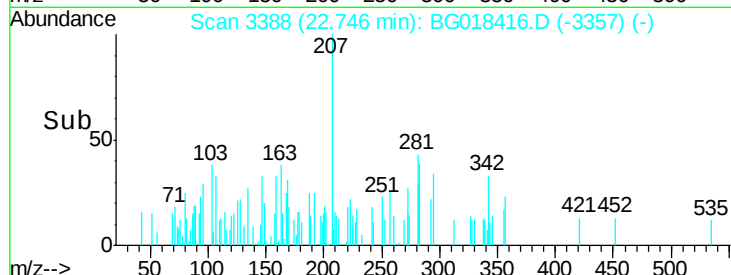
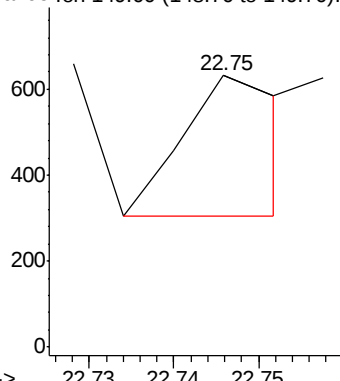
#87
Di-n-octyl phthalate
Concen: 0.01 ng/ul
RT: 22.75 min Scan# 3388
Delta R.T. -0.02 min
Lab File: BG018416.D
Acq: 13 Aug 2015 2:49

Instrument :
BNA_M
ClientSampleId :
MDL-08-S-ML

Tgt Ion:149 Resp: 268

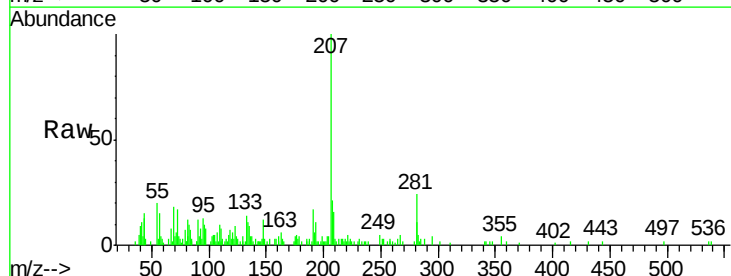


Abundance Ion 149.00 (148.70 to 149.70): E

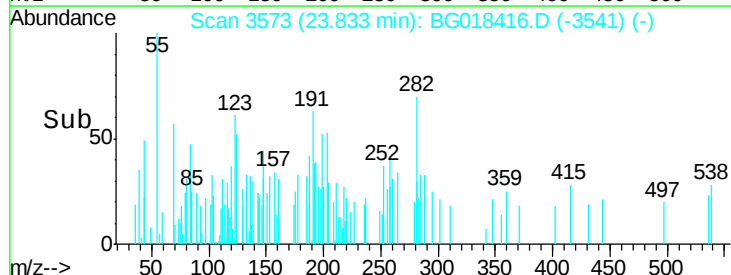
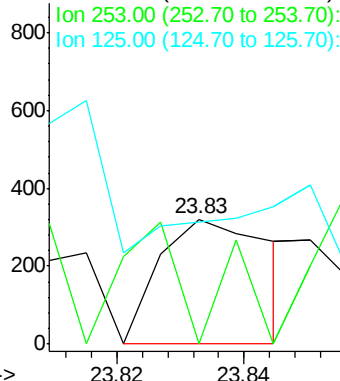


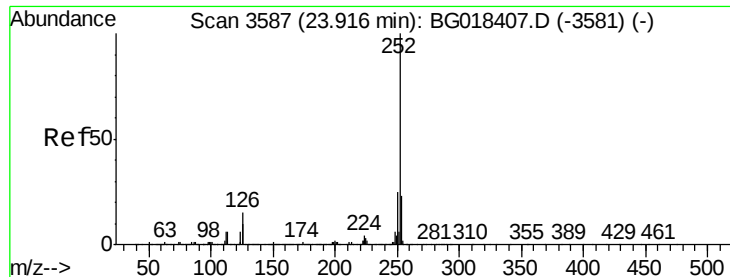
#88
Benzo(b)fluoranthene
Concen: 0.01 ng/ul
RT: 23.83 min Scan# 3573
Delta R.T. -0.01 min
Lab File: BG018416.D
Acq: 13 Aug 2015 2:49

Tgt Ion:252 Resp: 387
Ion Ratio Lower Upper
252 100
253 0.0 18.1 27.1#
125 97.5 8.3 12.5#



Abundance Ion 252.00 (251.70 to 252.70): E





#89

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 23.90 min Scan# 3584

Delta R.T. -0.02 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

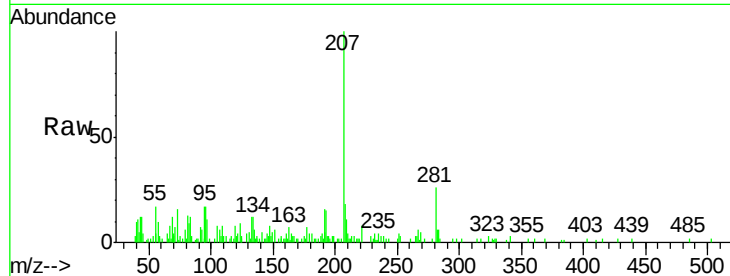
Instrument :

BNA_M

ClientSampleId :

MDL-08-S-ML

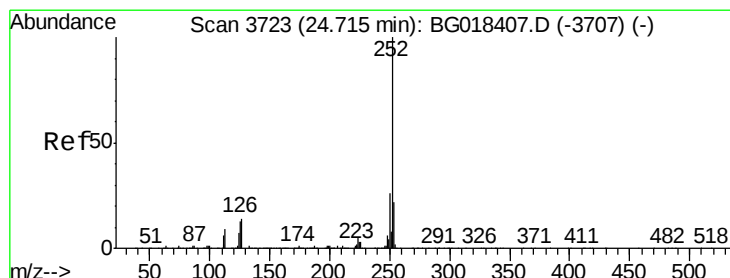
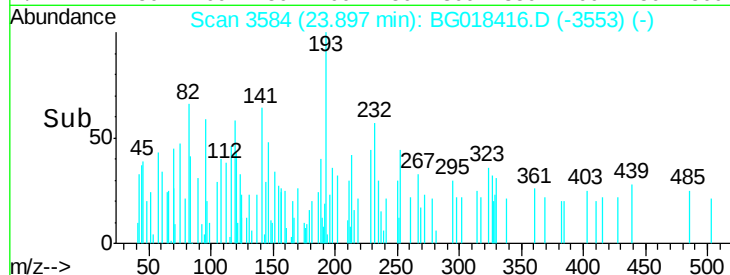
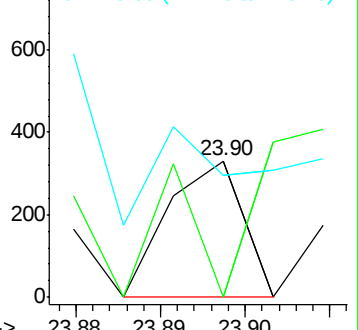
Tgt Ion:	252	Resp:	203
Ion Ratio	Lower	Upper	
252	100		
253	0.0	17.8	26.6#
125	89.4	9.0	13.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 0.01 ng/ul

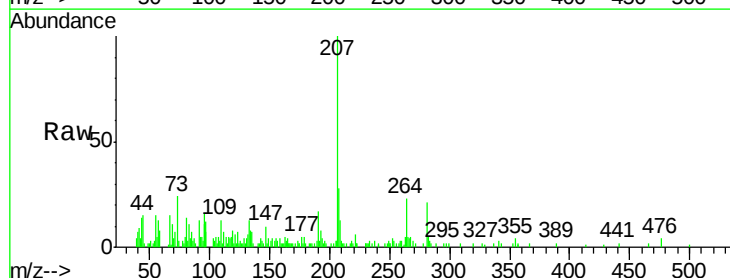
RT: 24.70 min Scan# 3720

Delta R.T. -0.02 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

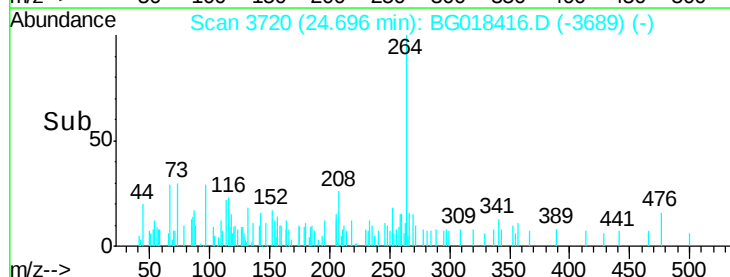
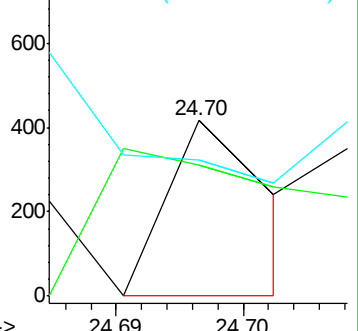
Tgt Ion:	252	Resp:	232
Ion Ratio	Lower	Upper	
252	100		
253	74.8	17.7	26.5#
125	77.6	10.2	15.2#

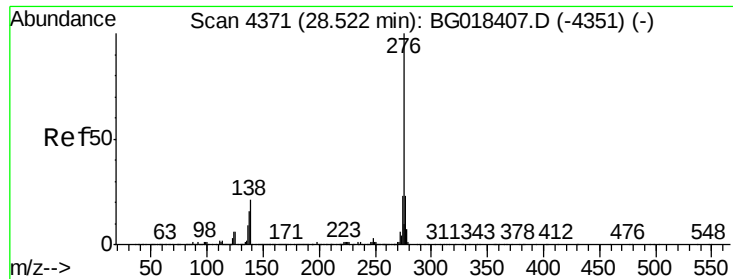


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 28.53 min Scan# 4372

Delta R.T. 0.00 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

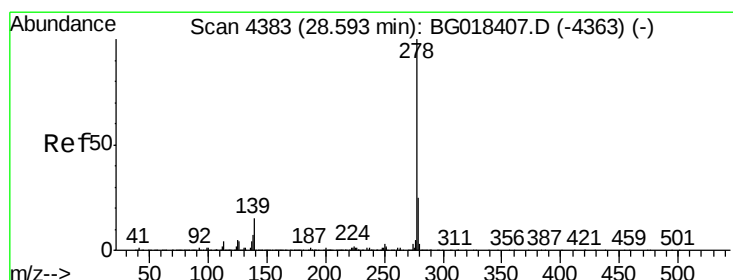
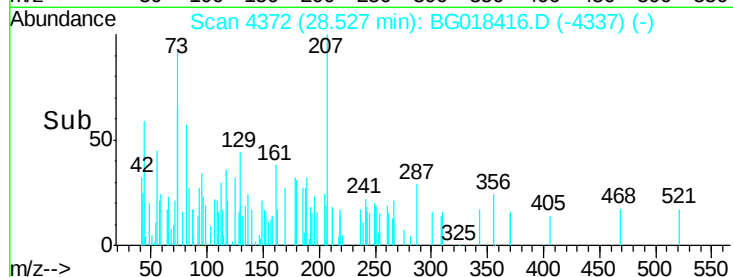
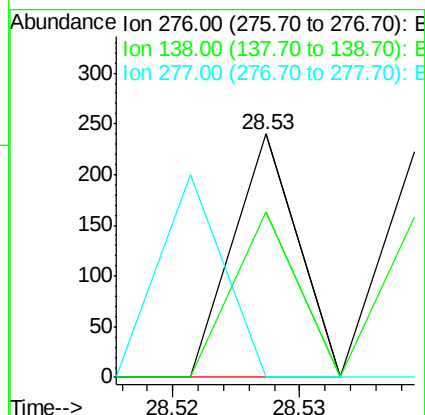
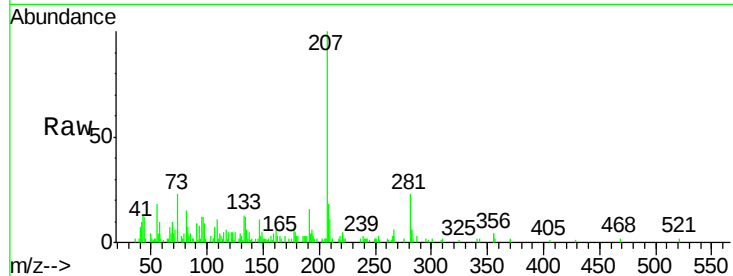
Instrument :

BNA_M

ClientSampleId :

MDL-08-S-ML

Tgt Ion:	276	Resp:	85
Ion	Ratio	Lower	Upper
276	100		
138	67.9	15.8	23.6#
277	0.0	18.9	28.3#



#93

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

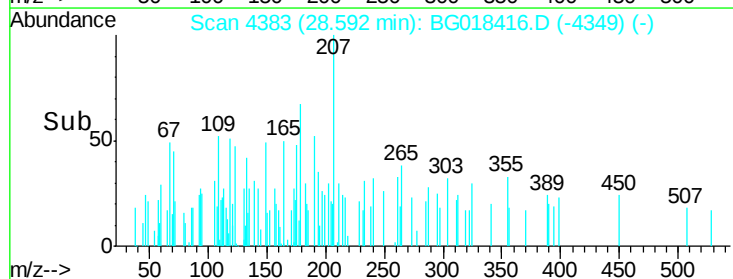
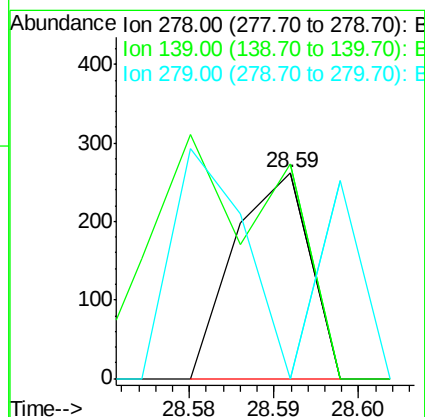
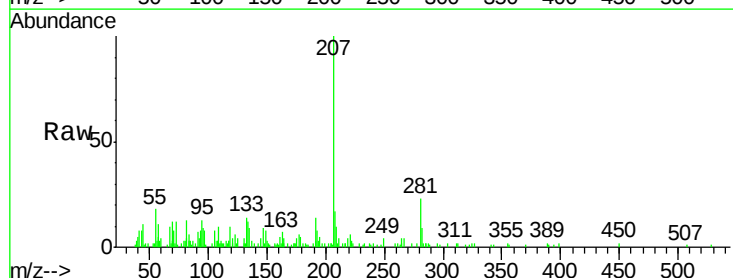
RT: 28.59 min Scan# 4383

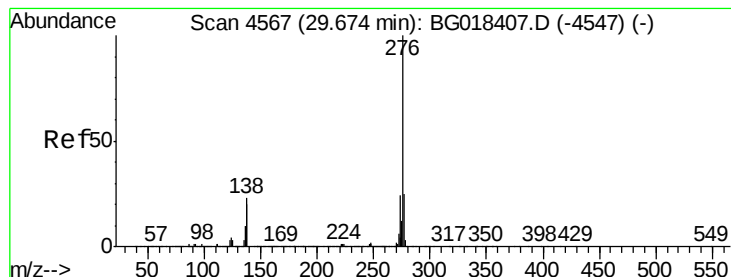
Delta R.T. -0.00 min

Lab File: BG018416.D

Acq: 13 Aug 2015 2:49

Tgt Ion:	278	Resp:	163
Ion	Ratio	Lower	Upper
278	100		
139	104.6	13.8	20.6#
279	0.0	17.8	26.8#





#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: BG018416.D

Acq: 13 Aug 2015 2:49

Instrument :

BNA_M

ClientSampleId :

MDL-08-S-ML

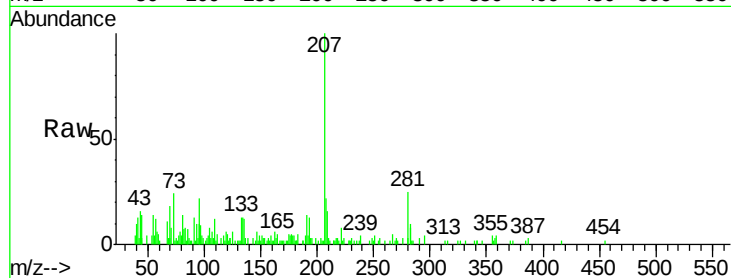
Tgt Ion: 276 Resp: 355

Ion Ratio Lower Upper

276 100

138 83.9 16.5 24.7#

277 0.0 19.0 28.6#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

