

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081215\
 Data File : BG018413.D
 Acq On : 13 Aug 2015 00:55
 Operator : UM/MA
 Sample : MDL-05-S-ML
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S-ML

Quant Time: Aug 13 04:14:42 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	96176	20.00	ng/ul	0.00
18) Naphthalene-d8	10.83	136	424502	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.65	164	286533	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	708758	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	703542	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	694556	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	10853	4.99	ng/uL	0.00
5) Phenol-d5	7.18	99	236125	27.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	152852	28.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	184604	27.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	205578	28.03	ng/ul	0.00
19) Nitrobenzene-d5	9.18	128	98206	29.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	106661	31.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	201838	28.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	288348	35.67	ng/ul	0.00
44) Dimethylphthalate-d6	14.05	166	701281	29.09	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	865479	28.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	128346	29.60	ng/ul	0.00
58) Fluorene-d10	15.64	176	615601	29.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	90495	25.96	ng/ul	0.00
71) Anthracene-d10	17.49	188	987989	29.15	ng/ul	0.00
79) Pyrene-d10	19.77	212	1076937	29.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.64	264	1127343	30.57	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	88	0.04	ng/uL#	1
4) Benzaldehyde	7.16	77	153	0.03	ng/ul#	1
6) Phenol	7.23	94	107	0.01	ng/ul#	1
8) Bis(2-Chloroethyl)ether	7.44	93	1027	0.15	ng/ul#	71
11) 2-Methylphenol	8.62	108	66	0.01	ng/ul	81
12) 2,2'-oxybis(1-Chloropropan	8.56	45	284	0.03	ng/ul#	69
14) Acetophenone	8.85	105	55	0.01	ng/ul#	1
15) N-Nitroso-di-n-propylamine	8.87	70	68	0.01	ng/ul#	32
16) 4-Methylphenol	8.78	108	55	0.01	ng/ul	95
17) Hexachloroethane	9.02	117	115	0.04	ng/ul#	10
20) Nitrobenzene	9.23	77	163	0.02	ng/ul#	42
21) Isophorone	9.74	82	105	0.01	ng/ul#	66
24) 2,4-Dimethylphenol	9.98	107	78	0.01	ng/ul#	12
25) Bis(2-Chloroethoxy)methane	10.24	93	236	0.02	ng/ul#	52
27) 2,4-Dichlorophenol	10.46	162	298	0.04	ng/ul#	1
28) Naphthalene	10.88	128	199	0.01	ng/ul#	8
30) 4-Chloroaniline	10.95	127	215	0.03	ng/ul#	1
33) 4-Chloro-3-methylphenol	12.07	107	153	0.02	ng/ul#	18
34) 2-Methylnaphthalene	12.50	142	55	0.00	ng/ul#	1
35) 1-Methylnaphthalene	12.70	142	49311	3.11	ng/ul	96
38) Hexachlorocyclopentadiene	12.71	237	72	0.01	ng/ul#	30
43) 2-Nitroaniline	13.73	65	116	0.02	ng/ul#	9
45) Dimethylphthalate	14.11	163	88	0.00	ng/ul#	78

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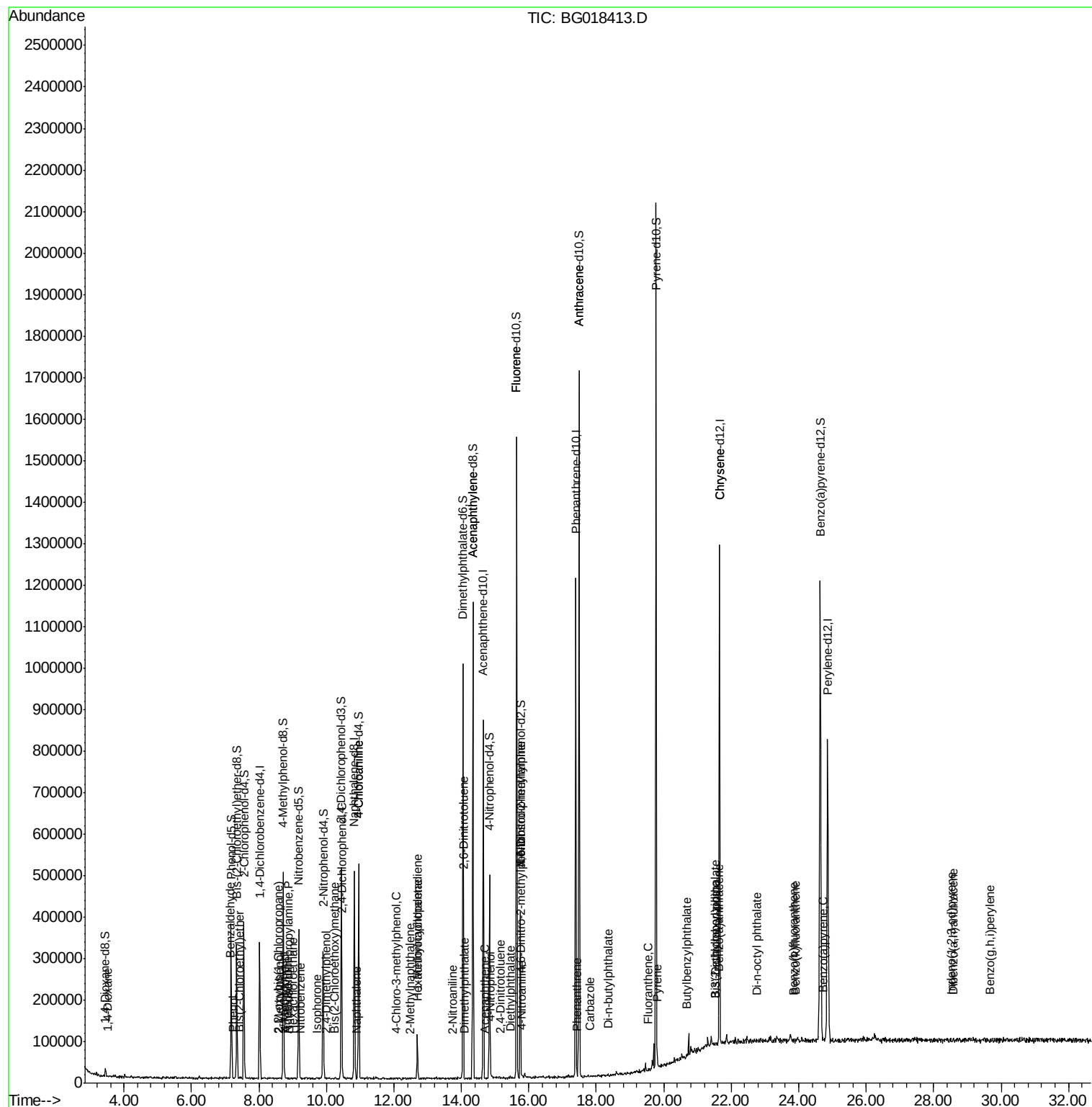
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2,6-Dinitrotoluene	14.07	165	547	0.12	ng/ul#	41
48) Acenaphthylene	14.34	152	191	0.01	ng/ul#	1
50) Acenaphthene	14.70	153	141	0.01	ng/ul#	15
53) 4-Nitrophenol	14.87	109	344	0.09	ng/ul#	26
55) 2,4-Dinitrotoluene	15.15	165	65	0.01	ng/ul#	34
57) Diethylphthalate	15.46	149	2104	0.08	ng/ul#	88
59) Fluorene	15.64	166	2176	0.09	ng/ul#	1
61) 4-Nitroaniline	15.78	138	138	0.03	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.77	198	54	0.01	ng/ul#	1
65) N-Nitrosodiphenylamine	15.75	169	821	0.04	ng/ul#	50
70) Phenanthrene	17.44	178	270	0.01	ng/ul#	49
72) Anthracene	17.49	178	867	0.02	ng/ul#	1
75) Carbazole	17.82	167	121	0.00	ng/ul#	57
76) Di-n-butylphthalate	18.35	149	1684	0.04	ng/ul#	76
77) Fluoranthene	19.53	202	71	0.00	ng/ul#	71
80) Pyrene	19.80	202	57	0.00	ng/ul#	67
81) Butylbenzylphthalate	20.68	149	537	0.03	ng/ul#	15
82) 3,3'-Dichlorobenzidine	21.54	252	121	0.01	ng/ul#	26
83) Benzo(a)anthracene	21.62	228	393	0.01	ng/ul#	71
84) Bis(2-ethylhexyl)phthalate	21.54	149	1605	0.06	ng/ul#	80
85) Chrysene	21.65	228	2291	0.06	ng/ul#	63
87) Di-n-octyl phthalate	22.76	149	669	0.01	ng/ul	100
88) Benzo(b)fluoranthene	23.84	252	237	0.01	ng/ul#	1
89) Benzo(k)fluoranthene	23.91	252	315	0.01	ng/ul#	39
91) Benzo(a)pyrene	24.71	252	206	0.00	ng/ul#	1
92) Indeno(1,2,3-cd)pyrene	28.54	276	57	0.00	ng/ul#	54
93) Dibenzo(a,h)anthracene	28.57	278	143	0.00	ng/ul#	27
94) Benzo(g,h,i)perylene	29.69	276	165	0.00	ng/ul#	53

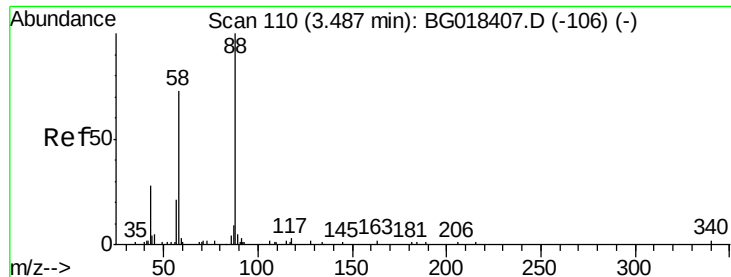
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.04 ng/uL

RT: 3.51 min Scan# 114

Delta R.T. 0.02 min

Lab File: BG018413.D

Acq: 13 Aug 2015 00:55

Instrument :

BNA_M

ClientSampleId :

MDL-05-S-ML

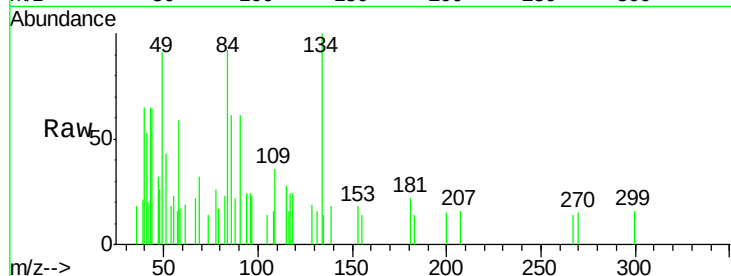
Tgt Ion: 88 Resp: 88

Ion Ratio Lower Upper

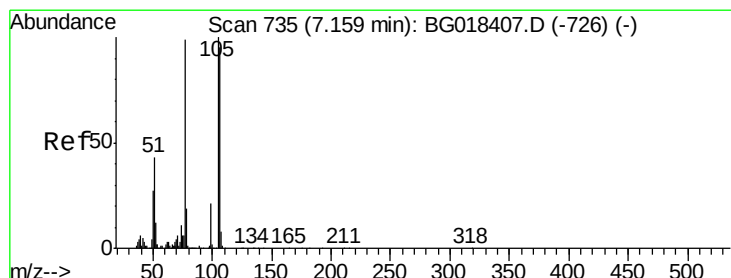
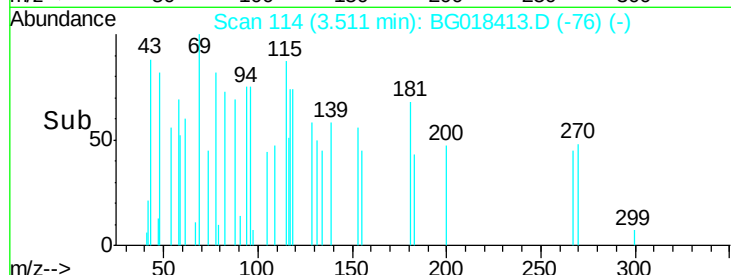
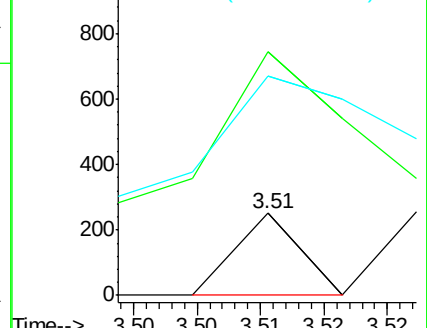
88 100

43 296.4 33.0 49.4#

58 342.2 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: 0.03 ng/uL

RT: 7.16 min Scan# 735

Delta R.T. -0.00 min

Lab File: BG018413.D

Acq: 13 Aug 2015 00:55

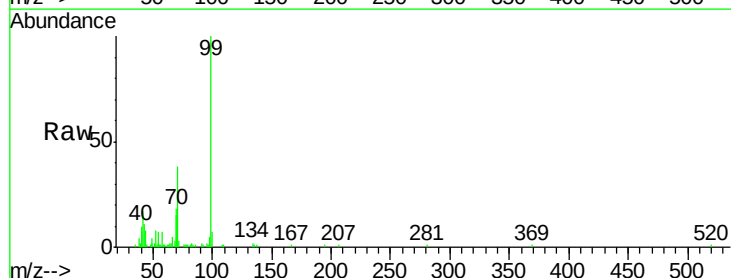
Tgt Ion: 77 Resp: 153

Ion Ratio Lower Upper

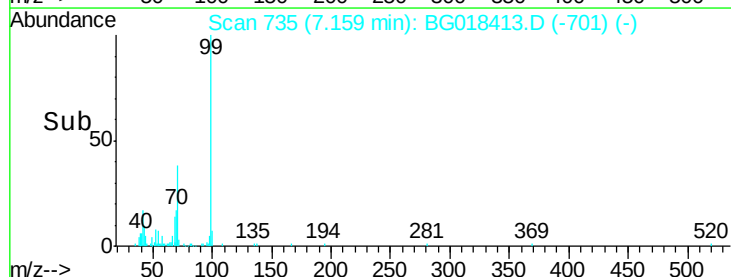
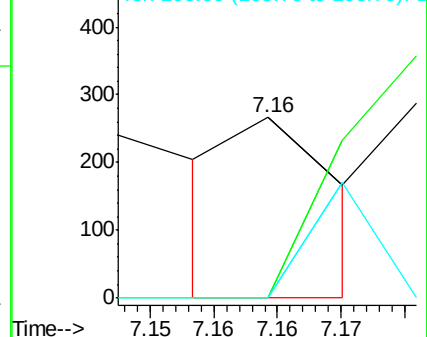
77 100

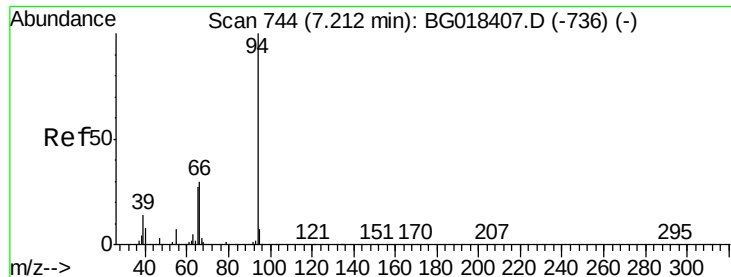
105 0.0 78.2 117.2#

106 0.0 76.8 115.2#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 0.01 ng/ul

RT: 7.23 min Scan# 747

Delta R.T. 0.02 min

Lab File: BG018413.D

Acq: 13 Aug 2015 00:55

Instrument :

BNA_M

ClientSampleId :

MDL-05-S-ML

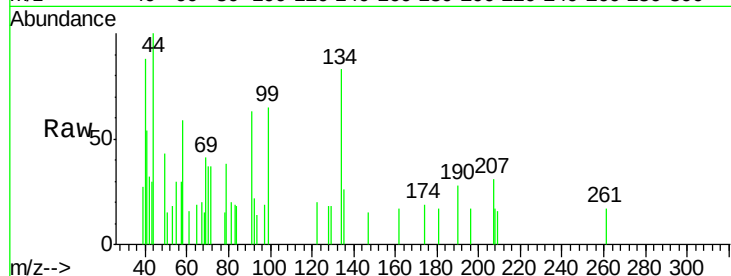
Tgt Ion: 94 Resp: 107

Ion Ratio Lower Upper

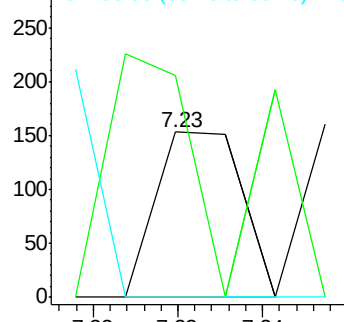
94 100

65 134.6 23.0 34.6#

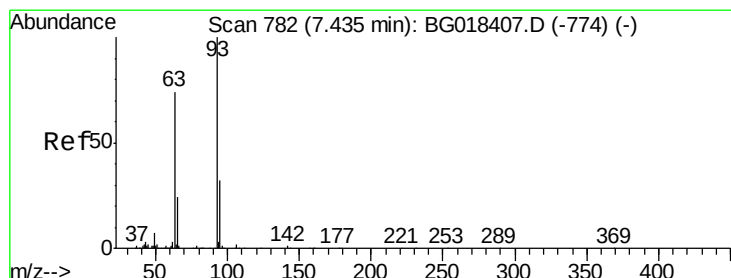
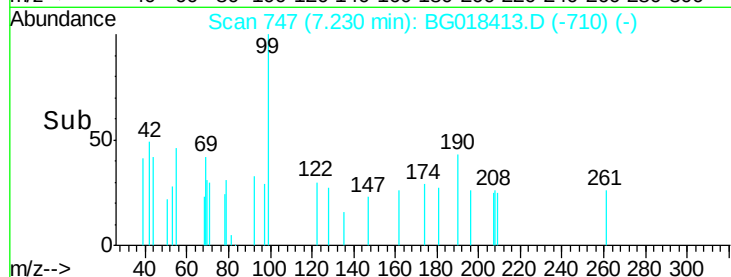
66 0.0 31.0 46.4#



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



Time-->



#8

Bis(2-Chloroethyl)ether

Concen: 0.15 ng/ul

RT: 7.44 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG018413.D

Acq: 13 Aug 2015 00:55

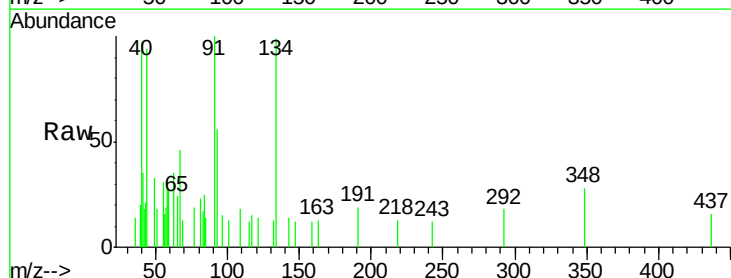
Tgt Ion: 93 Resp: 1027

Ion Ratio Lower Upper

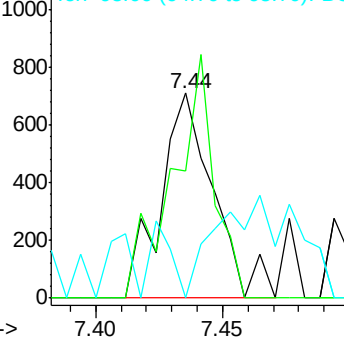
93 100

63 61.9 61.4 92.2

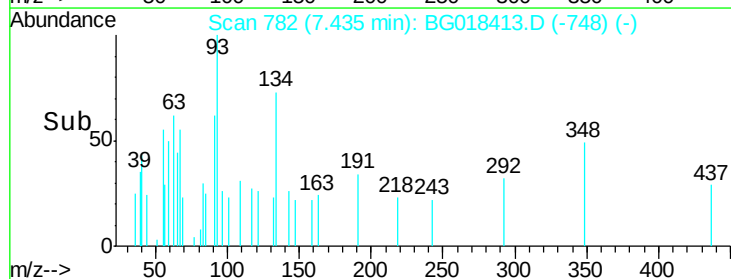
95 0.0 25.9 38.9#

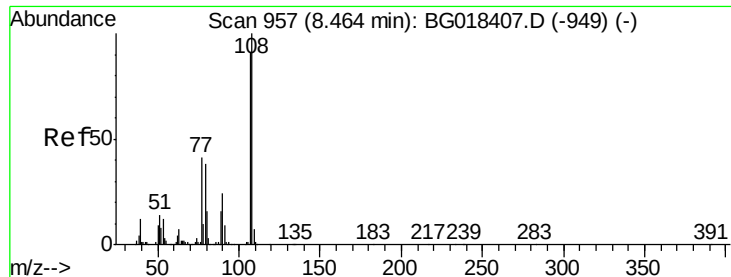


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



Time-->

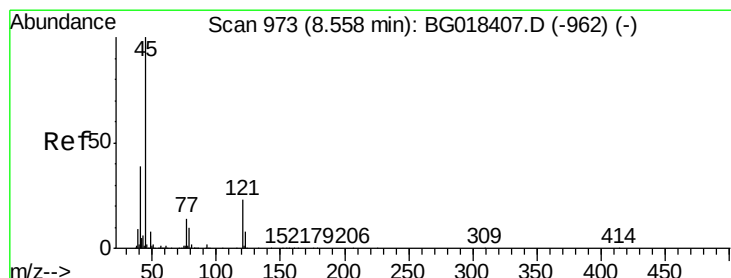
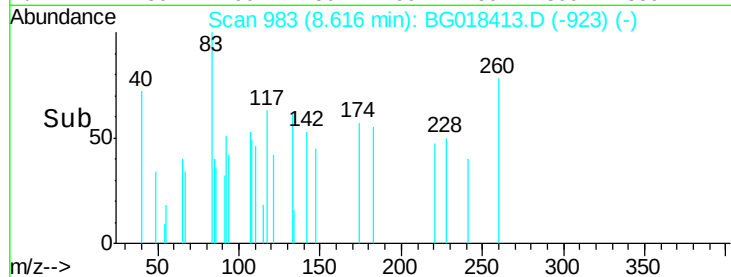
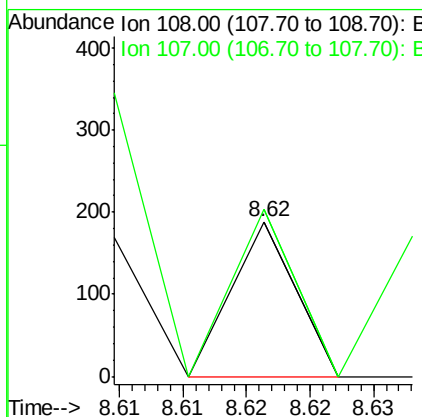
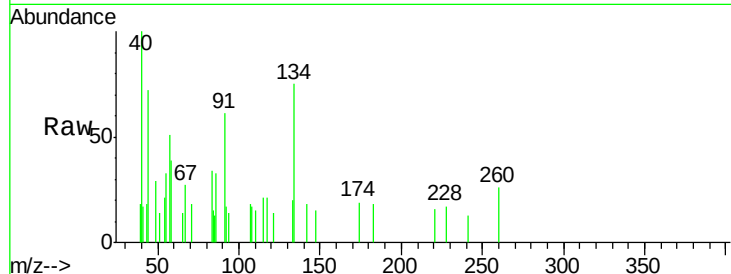




#11
2-Methylphenol
Concen: 0.01 ng/ul
RT: 8.62 min Scan# 983
Delta R.T. 0.15 min
Lab File: BG018413.D
Acq: 13 Aug 2015 00:55

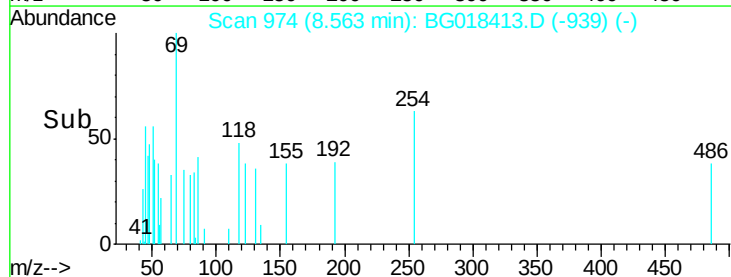
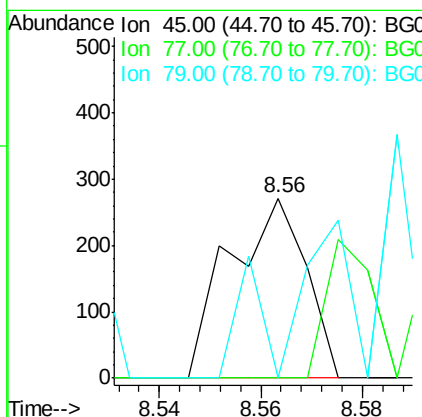
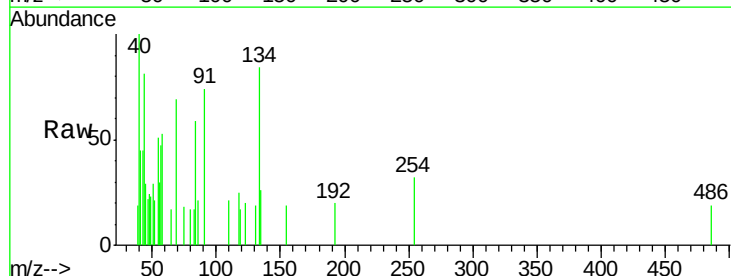
Instrument :
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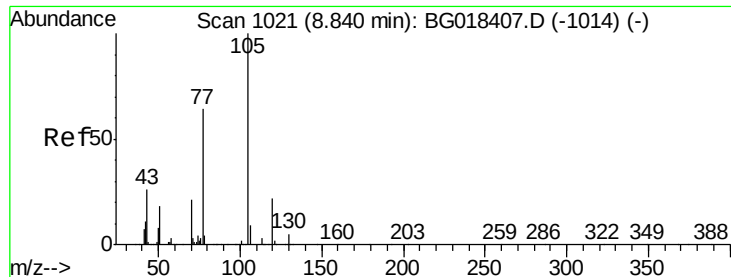
Tgt Ion: 108 Resp: 66
Ion Ratio Lower Upper
108 100
107 108.0 72.1 108.1



#12
2,2'-oxybis(1-Chloropropane)
Concen: 0.03 ng/ul
RT: 8.56 min Scan# 974
Delta R.T. 0.01 min
Lab File: BG018413.D
Acq: 13 Aug 2015 00:55

Tgt Ion: 45 Resp: 284
Ion Ratio Lower Upper
45 100
77 0.0 11.3 16.9#
79 0.0 7.8 11.8#





#14

Acetophenone

Concen: 0.01 ng/ul

RT: 8.85 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BG018413.D

Acq: 13 Aug 2015 00:55

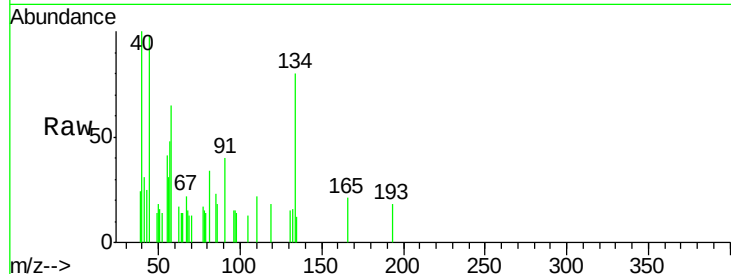
Instrument :

BNA_M

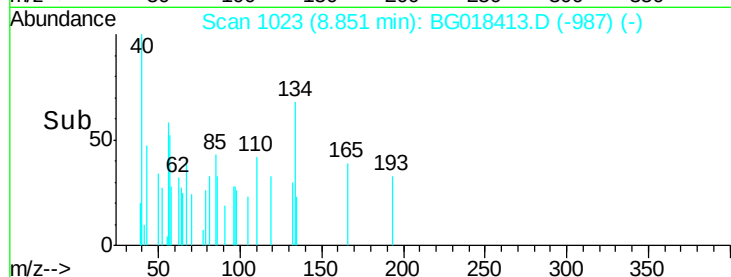
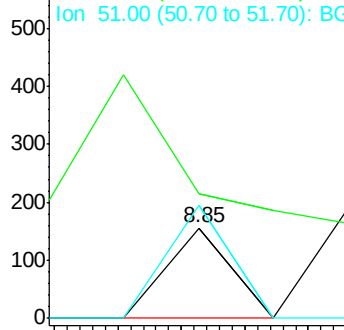
ClientSampled :

MDL-05-S-ML

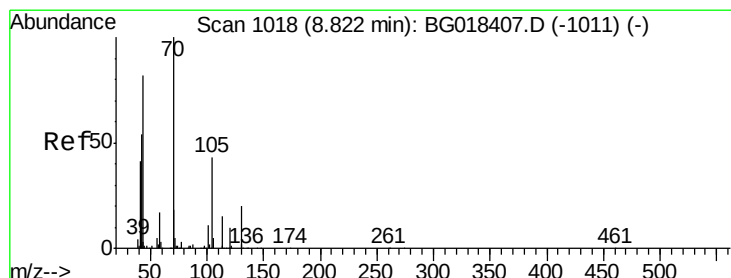
Tgt Ion:	105	Resp:	55
Ion	Ratio	Lower	Upper
105	100		
77	138.7	61.9	92.9#
51	125.8	25.5	38.3#



Abundance Ion 105.00 (104.70 to 105.70): E



Time-->



#15

N-Nitroso-di-n-propylamine

Concen: 0.01 ng/ul

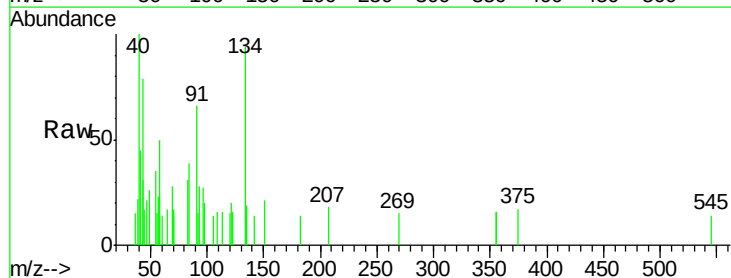
RT: 8.87 min Scan# 1026

Delta R.T. 0.05 min

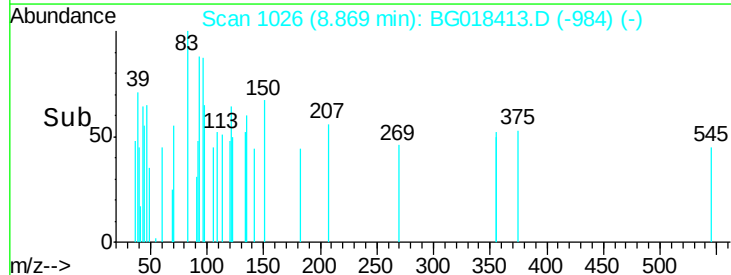
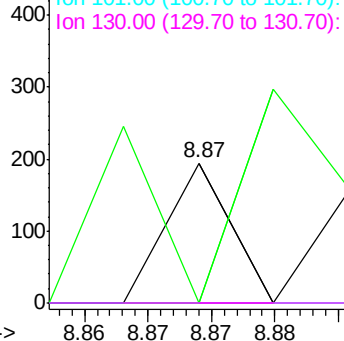
Lab File: BG018413.D

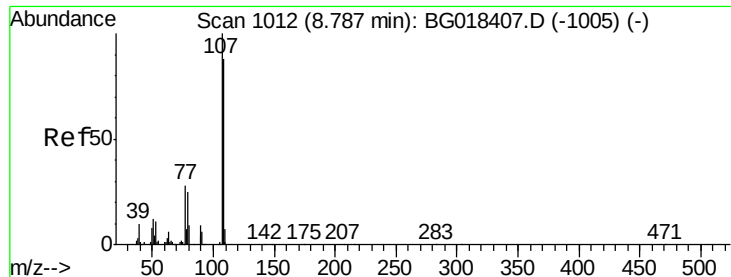
Acq: 13 Aug 2015 00:55

Tgt Ion:	70	Resp:	68
Ion	Ratio	Lower	Upper
70	100		
42	0.0	50.7	76.1#
101	0.0	7.4	11.2#
130	0.0	15.8	23.6#



Abundance Ion 70.00 (69.70 to 70.70): BG018413.D (-984) (-)





#16

4-Methylphenol

Concen: 0.01 ng/ul

RT: 8.78 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG018413.D

Acq: 13 Aug 2015 00:55

Instrument :

BNA_M

ClientSampleId :

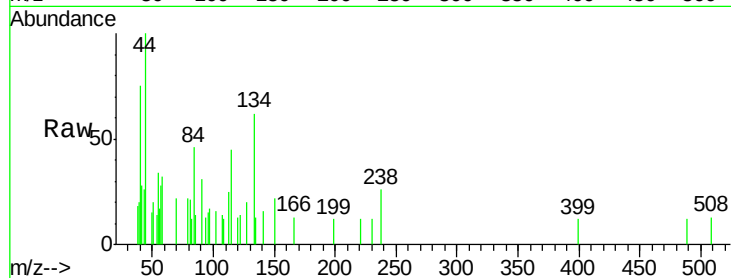
MDL-05-S-ML

Tgt Ion:108 Resp: 55

Ion Ratio Lower Upper

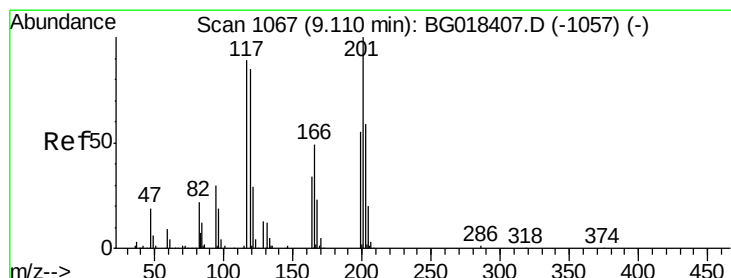
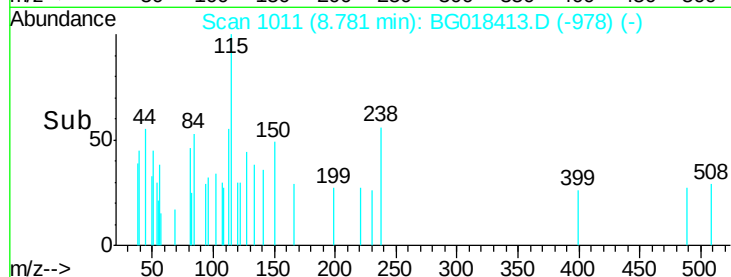
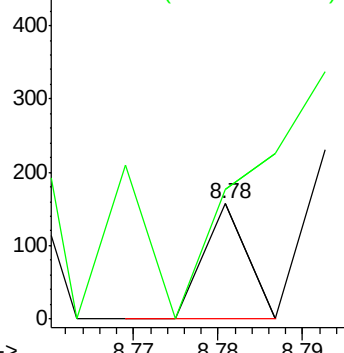
108 100

107 112.7 94.6 142.0



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#17

Hexachloroethane

Concen: 0.04 ng/ul

RT: 9.02 min Scan# 1052

Delta R.T. -0.09 min

Lab File: BG018413.D

Acq: 13 Aug 2015 00:55

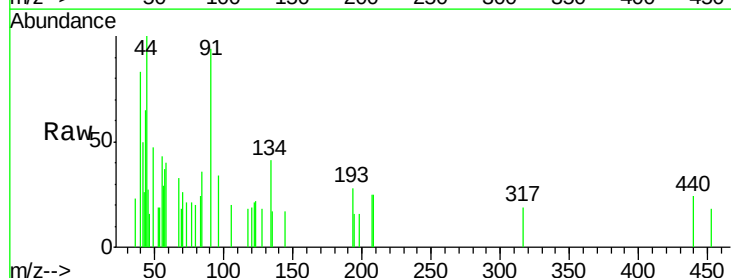
Tgt Ion:117 Resp: 115

Ion Ratio Lower Upper

117 100

201 0.0 73.6 110.4#

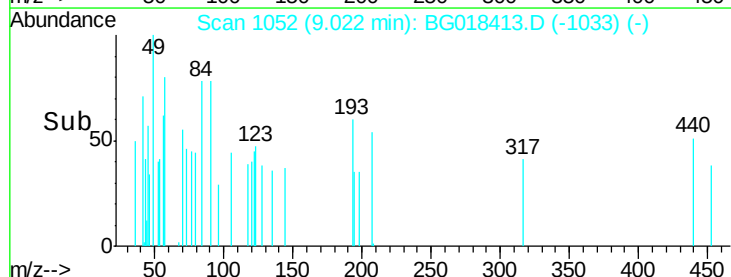
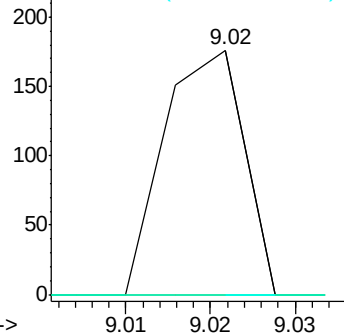
199 0.0 48.6 72.8#

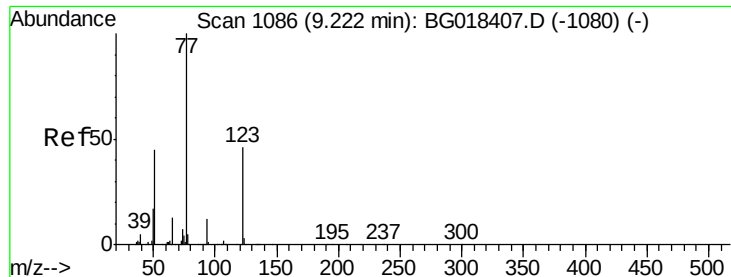


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

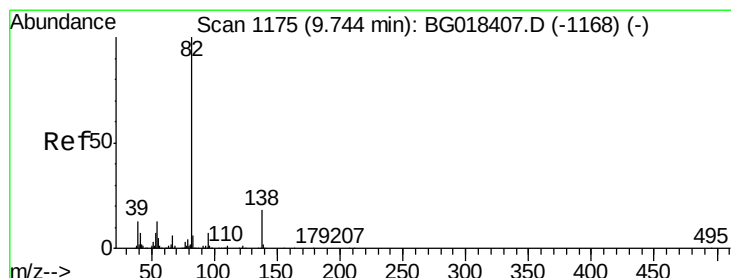
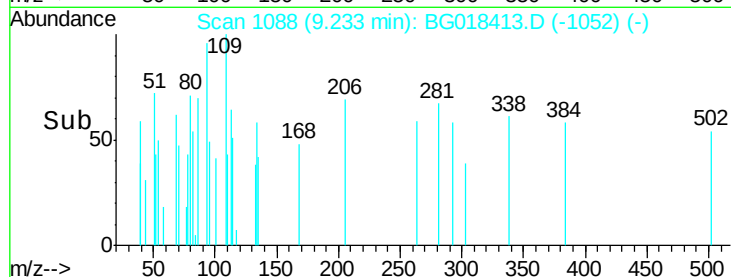
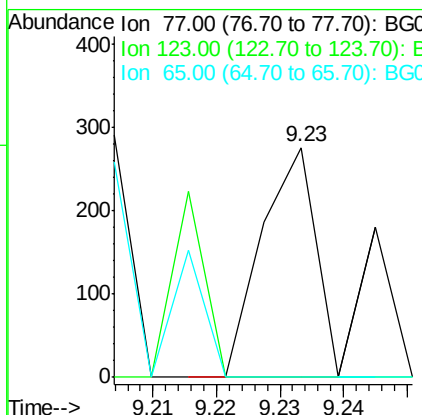
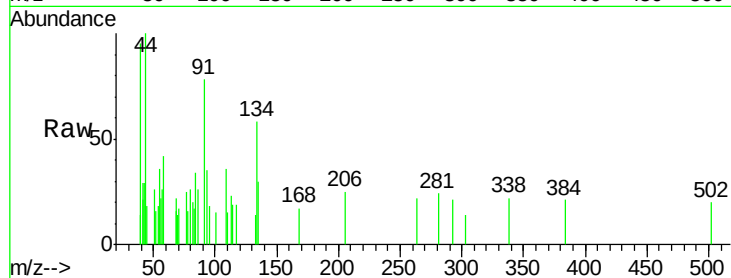




#20
 Nitrobenzene
 Concen: 0.02 ng/ul
 RT: 9.23 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: BG018413.D
 Acq: 13 Aug 2015 00:55

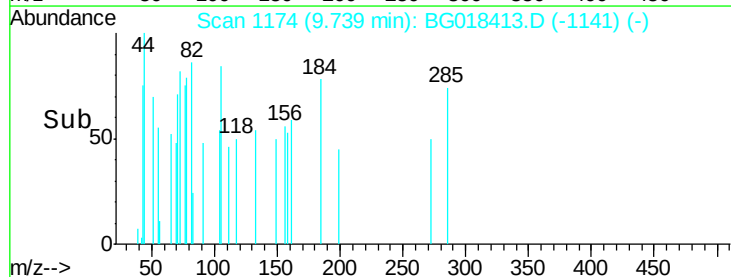
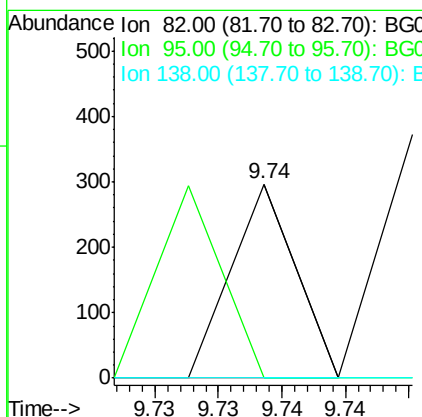
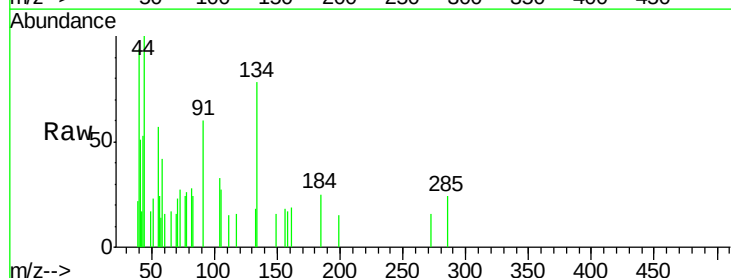
Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S-ML

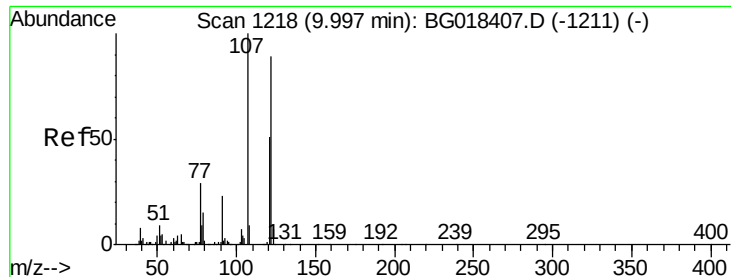
Tgt Ion: 77 Resp: 163
 Ion Ratio Lower Upper
 77 100
 123 0.0 32.8 49.2#
 65 0.0 12.2 18.2#



#21
 Isophorone
 Concen: 0.01 ng/ul
 RT: 9.74 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG018413.D
 Acq: 13 Aug 2015 00:55

Tgt Ion: 82 Resp: 105
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 13.8 20.8#

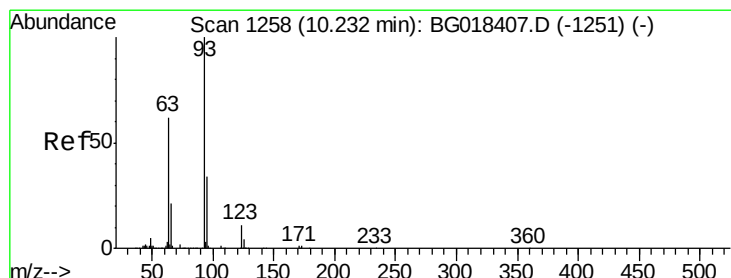
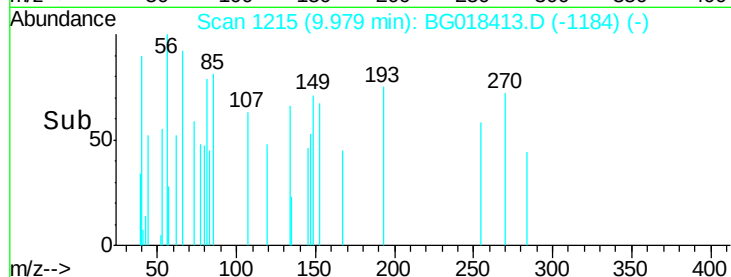
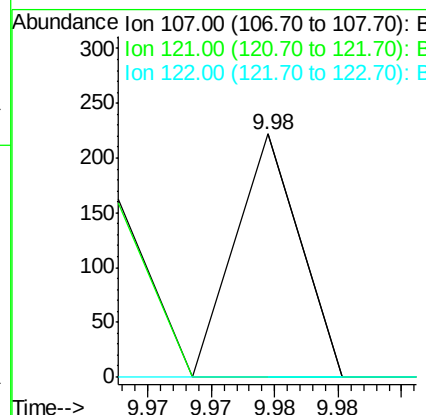
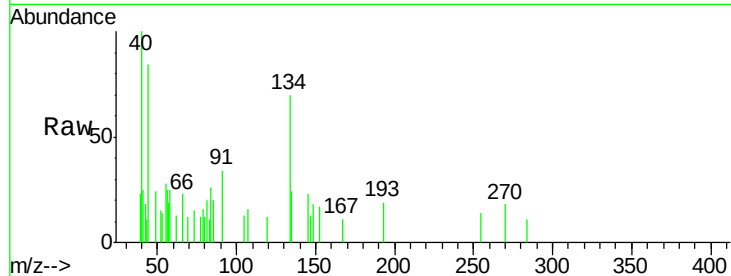




#24
 2,4-Dimethylphenol
 Concen: 0.01 ng/ul
 RT: 9.98 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BG018413.D
 Acq: 13 Aug 2015 00:55

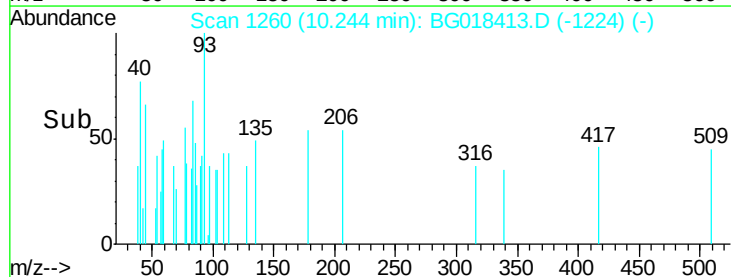
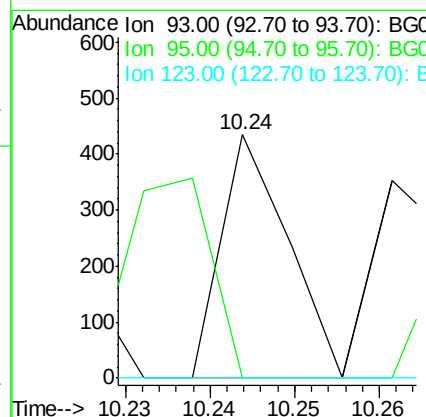
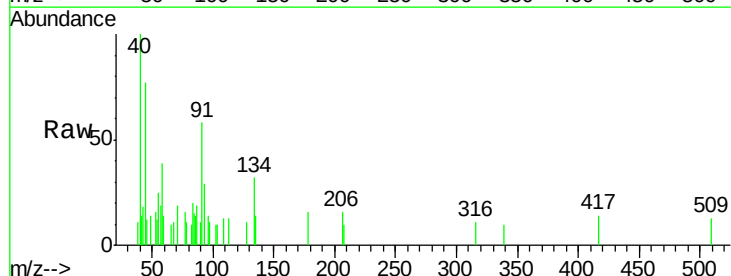
Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S-ML

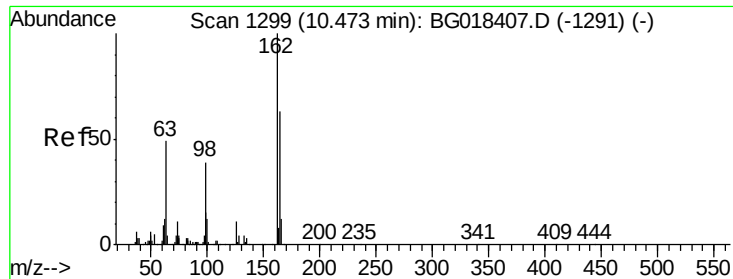
Tgt Ion	Ratio	Lower	Upper
107	100		
121	0.0	41.3	61.9#
122	0.0	71.9	107.9#



#25
 Bis(2-Chloroethoxy)methane
 Concen: 0.02 ng/ul
 RT: 10.24 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: BG018413.D
 Acq: 13 Aug 2015 00:55

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

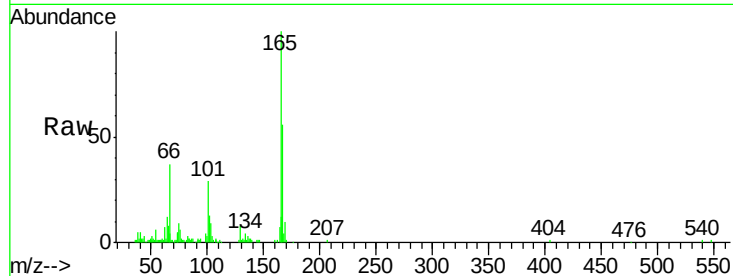




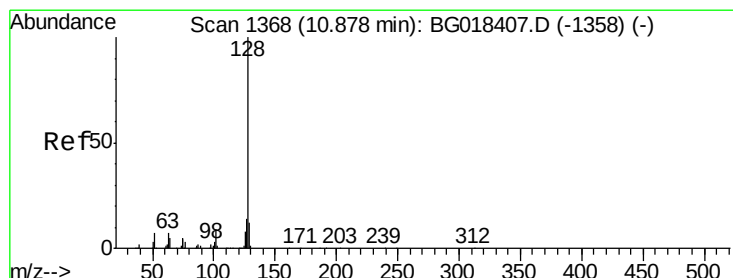
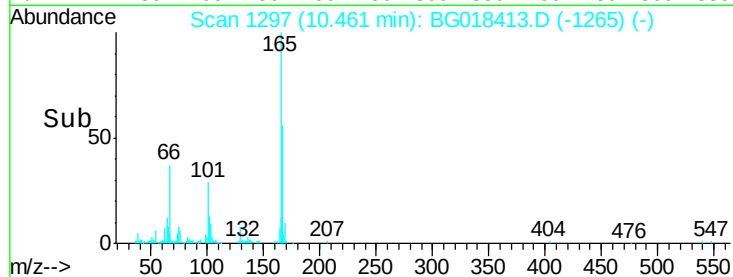
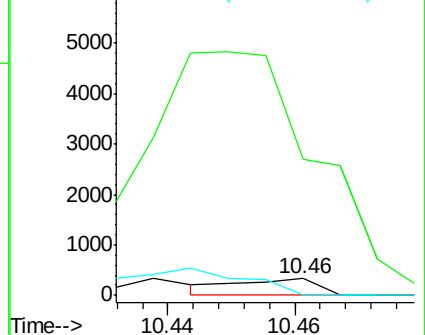
#27
 2,4-Dichlorophenol
 Concen: 0.04 ng/ul
 RT: 10.46 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BG018413.D
 Acq: 13 Aug 2015 00:55

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S-ML

Tgt Ion:162 Resp: 298
 Ion Ratio Lower Upper
 162 100
 164 798.8 51.7 77.5#
 98 0.0 30.4 45.6#

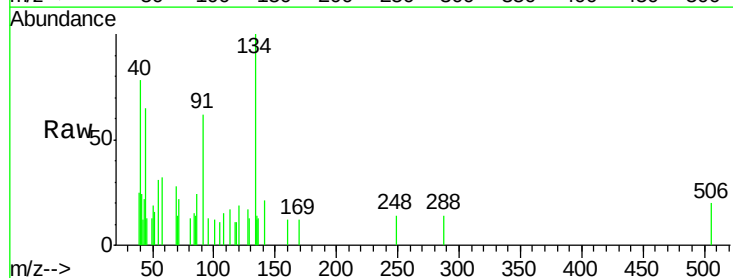


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

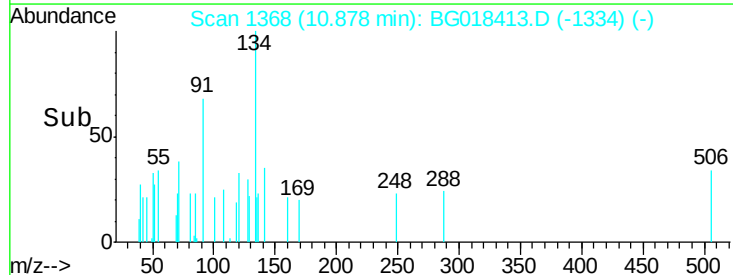
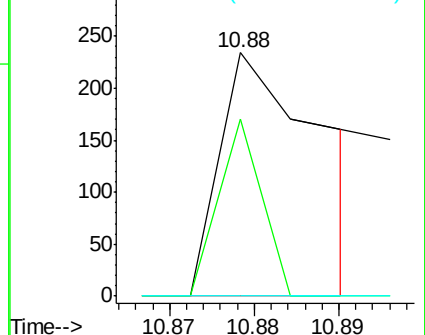


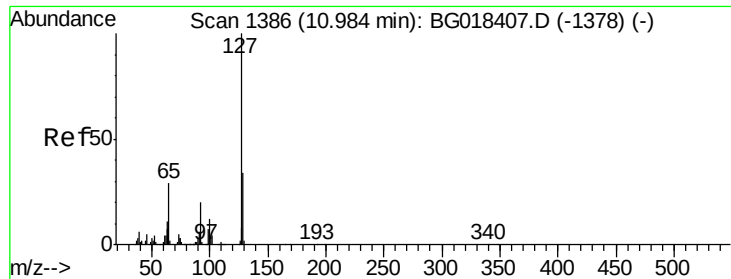
#28
 Naphthalene
 Concen: 0.01 ng/ul
 RT: 10.88 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: BG018413.D
 Acq: 13 Aug 2015 00:55

Tgt Ion:128 Resp: 199
 Ion Ratio Lower Upper
 128 100
 129 73.1 9.6 14.4#
 127 0.0 10.5 15.7#



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

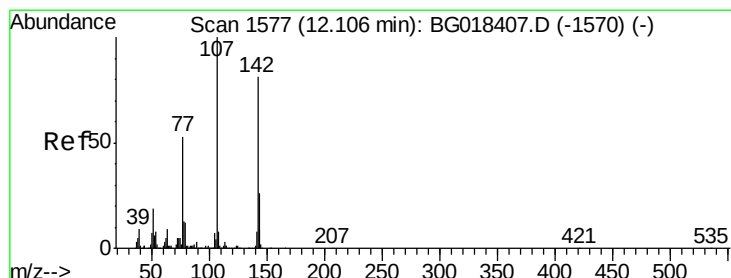
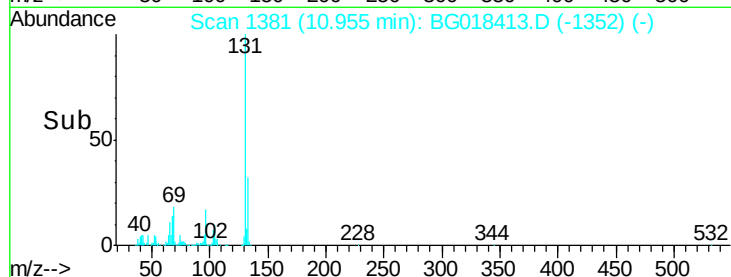
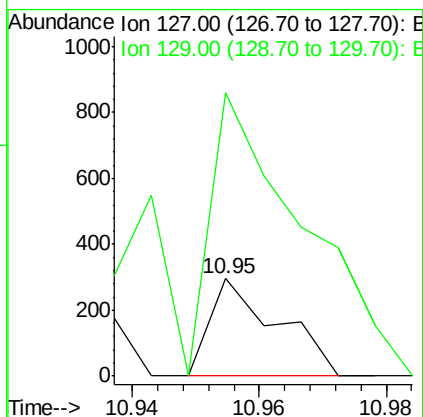
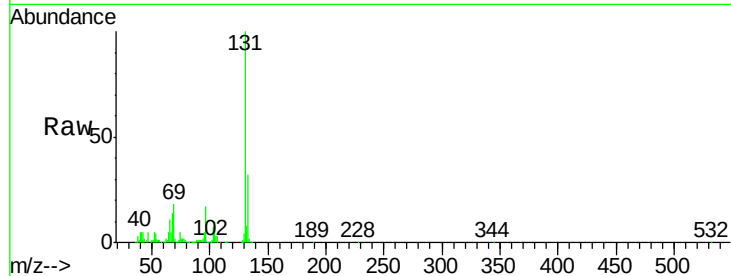




#30
4-Chloroaniline
Concen: 0.03 ng/ul
RT: 10.95 min Scan# 1381
Delta R.T. -0.03 min
Lab File: BG018413.D
Acq: 13 Aug 2015 00:55

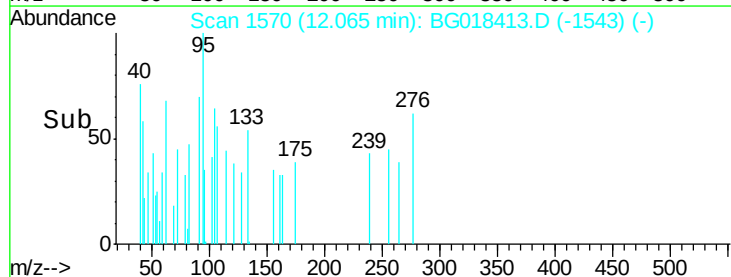
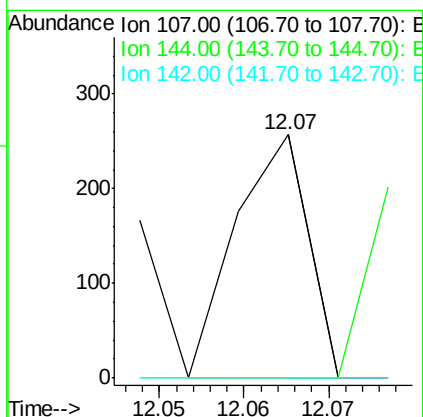
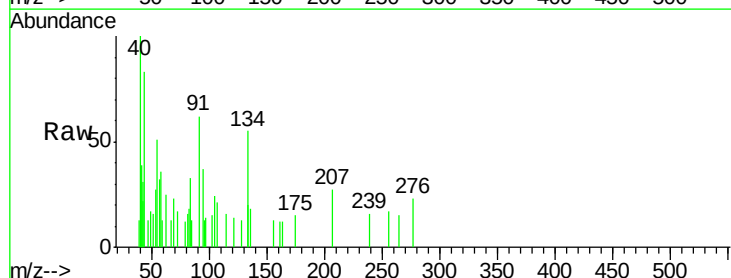
Instrument :
BNA_M
ClientSampleId :
MDL-05-S-ML

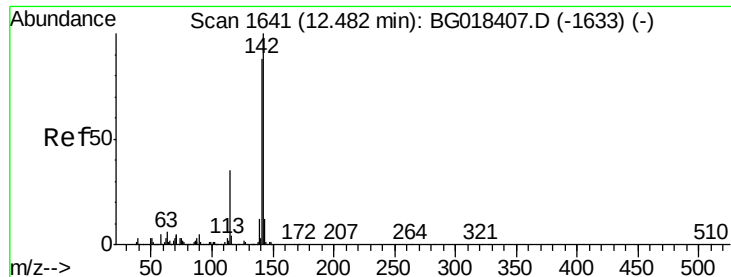
Tgt Ion:127 Resp: 215
Ion Ratio Lower Upper
127 100
129 120.1 26.7 40.1#



#33
4-Chloro-3-methylphenol
Concen: 0.02 ng/ul
RT: 12.07 min Scan# 1570
Delta R.T. -0.04 min
Lab File: BG018413.D
Acq: 13 Aug 2015 00:55

Tgt Ion:107 Resp: 153
Ion Ratio Lower Upper
107 100
144 0.0 21.4 32.2#
142 0.0 66.0 99.0#

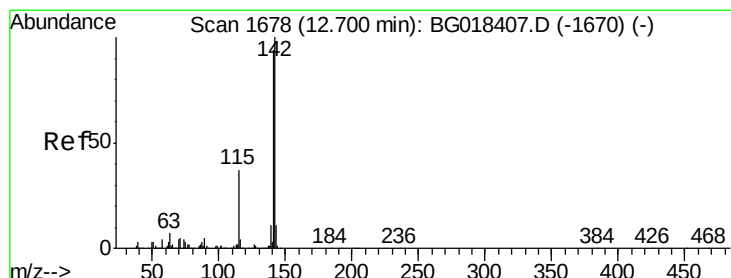
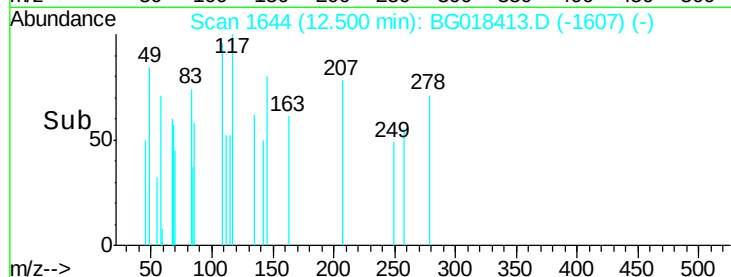
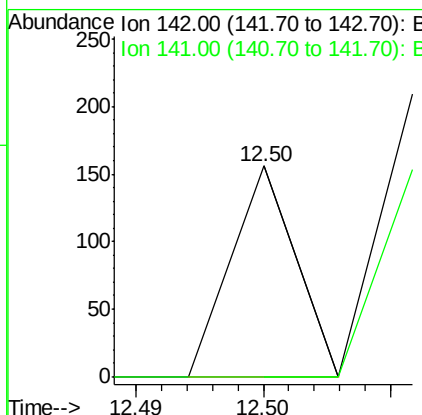
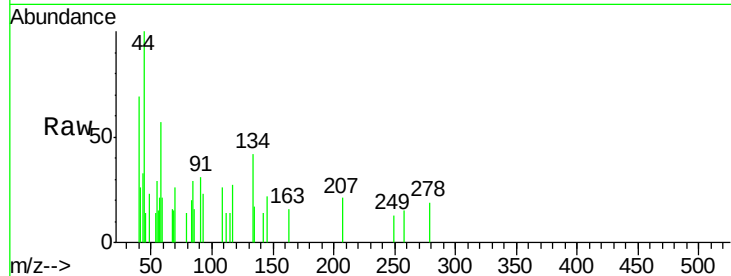




#34
2-Methylnaphthalene
Concen: 0.00 ng/ul
RT: 12.50 min Scan# 1644
Delta R.T. 0.02 min
Lab File: BG018413.D
Acq: 13 Aug 2015 00:55

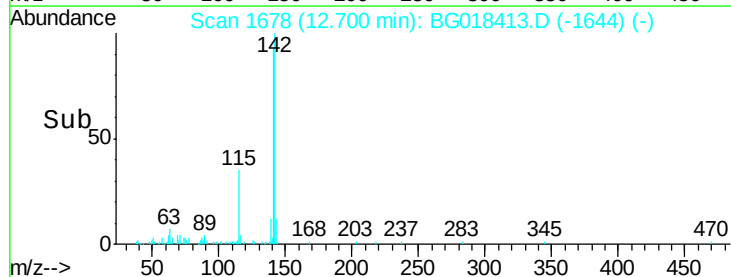
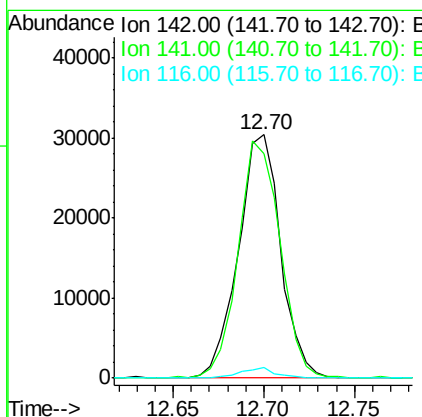
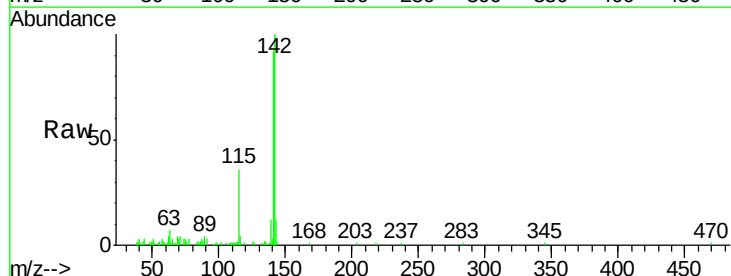
Instrument :
BNA_M
ClientSampleId :
MDL-05-S-ML

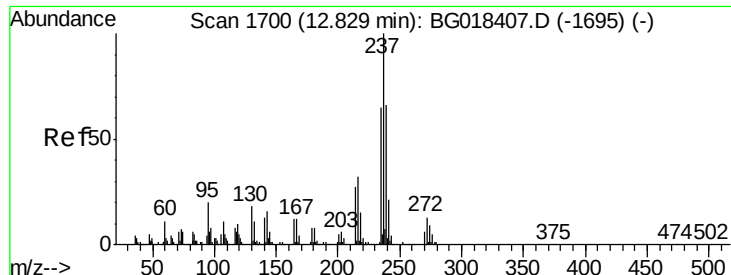
Tgt Ion:142 Resp: 55
Ion Ratio Lower Upper
142 100
141 0.0 78.0 117.0#



#35
1-Methylnaphthalene
Concen: 3.11 ng/ul
RT: 12.70 min Scan# 1678
Delta R.T. -0.00 min
Lab File: BG018413.D
Acq: 13 Aug 2015 00:55

Tgt Ion:142 Resp: 49311
Ion Ratio Lower Upper
142 100
141 92.2 77.1 115.7
116 4.3 3.5 5.3





#38

Hexachlorocyclopentadiene

Concen: 0.01 ng/ul

RT: 12.71 min Scan# 1680

Delta R.T. -0.12 min

Lab File: BG018413.D

Acq: 13 Aug 2015 00:55

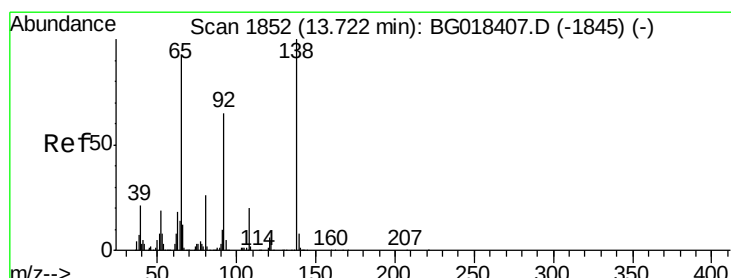
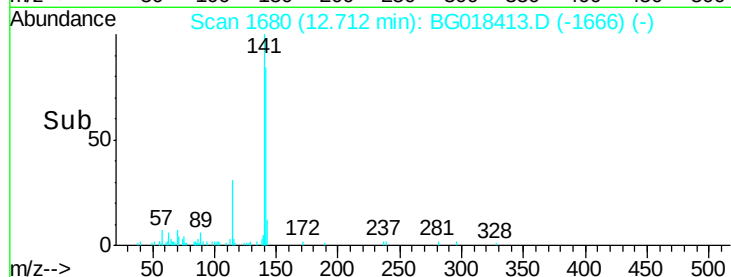
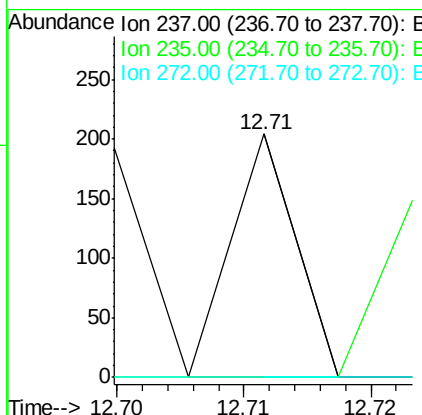
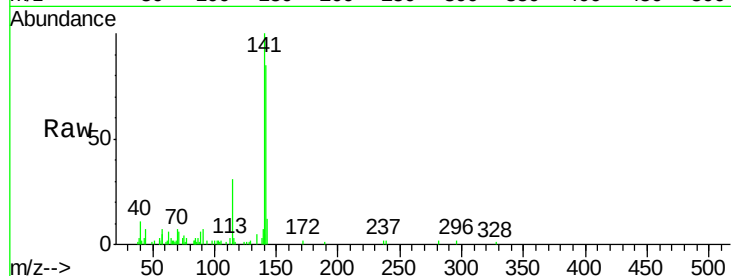
Instrument :

BNA_M

ClientSampled :

MDL-05-S-ML

Tgt Ion:	237	Resp:	72
Ion	Ratio	Lower	Upper
237	100		
235	0.0	45.6	68.4#
272	0.0	9.0	13.4#



#43

2-Nitroaniline

Concen: 0.02 ng/ul

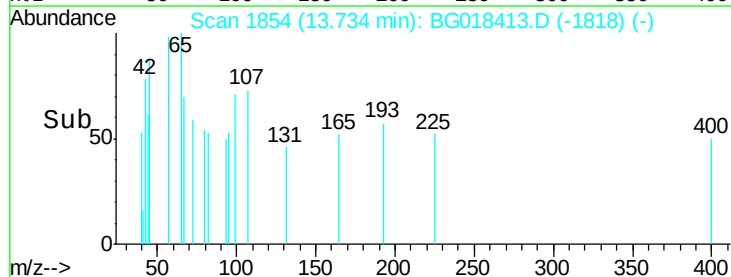
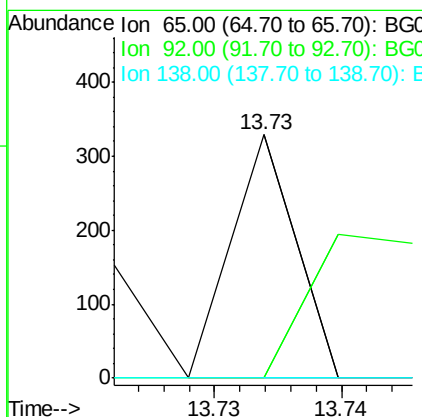
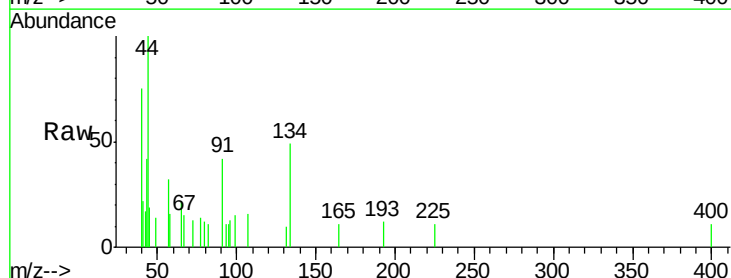
RT: 13.73 min Scan# 1854

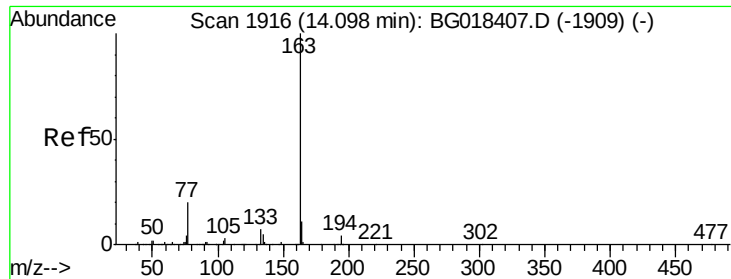
Delta R.T. 0.01 min

Lab File: BG018413.D

Acq: 13 Aug 2015 00:55

Tgt Ion:	65	Resp:	116
Ion	Ratio	Lower	Upper
65	100		
92	0.0	51.1	76.7#
138	0.0	75.1	112.7#





#45

Dimethylphthalate

Concen: 0.00 ng/ul

RT: 14.11 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BG018413.D

Acq: 13 Aug 2015 00:55

Instrument :

BNA_M

ClientSampleId :

MDL-05-S-ML

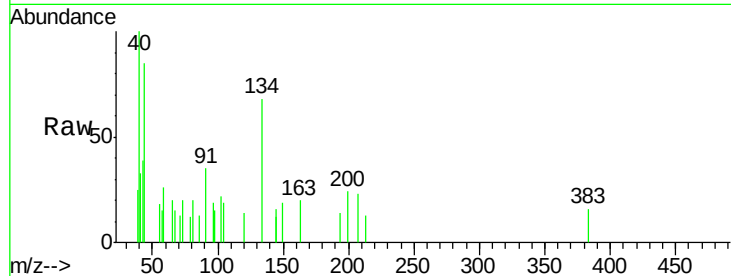
Tgt Ion:163 Resp: 88

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): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

14.11

300

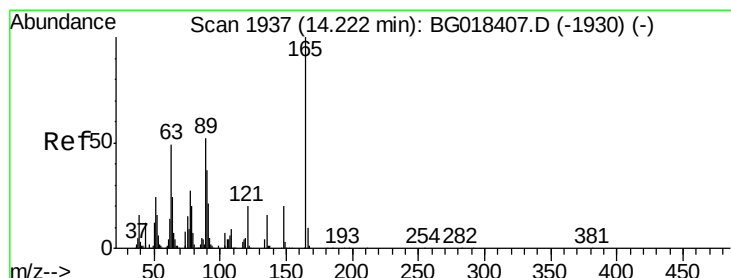
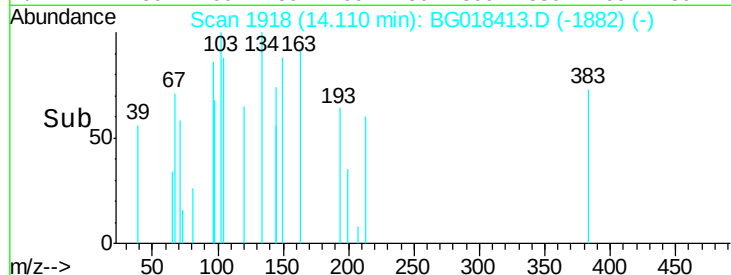
200

100

0

14.10 14.11

Time-->



#46

2,6-Dinitrotoluene

Concen: 0.12 ng/ul

RT: 14.07 min Scan# 1911

Delta R.T. -0.15 min

Lab File: BG018413.D

Acq: 13 Aug 2015 00:55

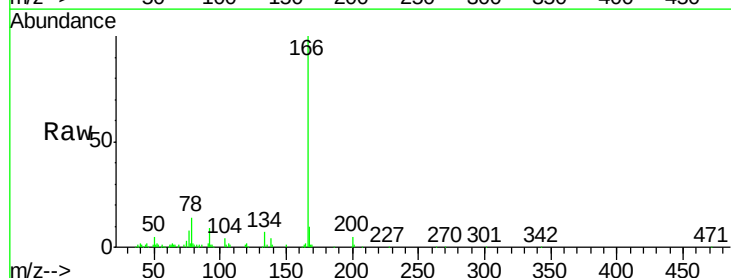
Tgt Ion:165 Resp: 547

Ion Ratio Lower Upper

165 100

89 0.0 50.2 75.2#

121 22.5 19.4 29.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BGC

Ion 121.00 (120.70 to 121.70): E

14.07

1500

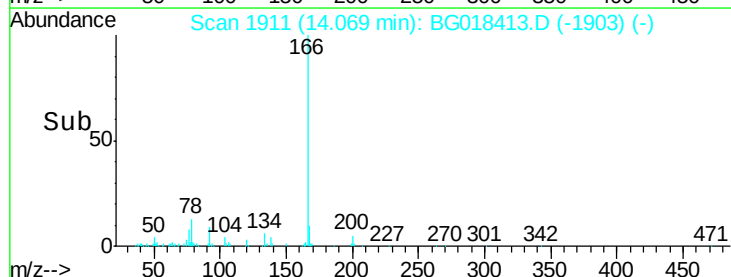
1000

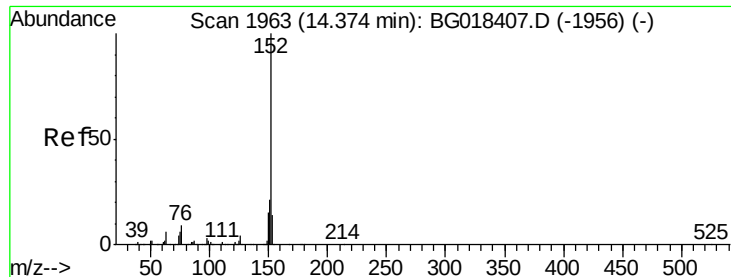
500

0

14.06 14.07 14.08

Time-->





#48

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.34 min Scan# 1958

Delta R.T. -0.03 min

Lab File: BG018413.D

Acq: 13 Aug 2015 00:55

Instrument :

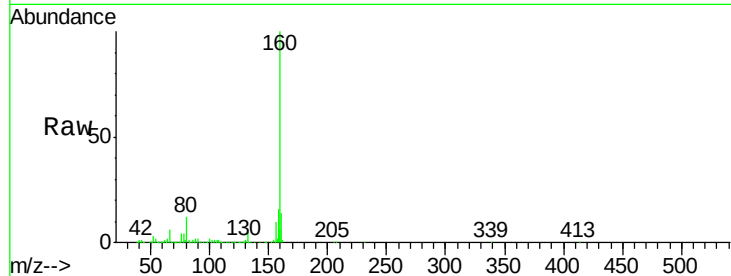
BNA_M

ClientSampleId :

MDL-05-S-ML

Tgt Ion:152 Resp: 191

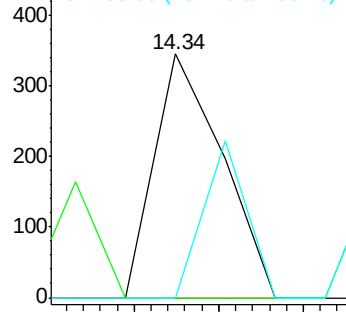
Ion	Ratio	Lower	Upper
152	100		
151	100.0	15.4	23.2#
153	0.0	10.8	16.2#



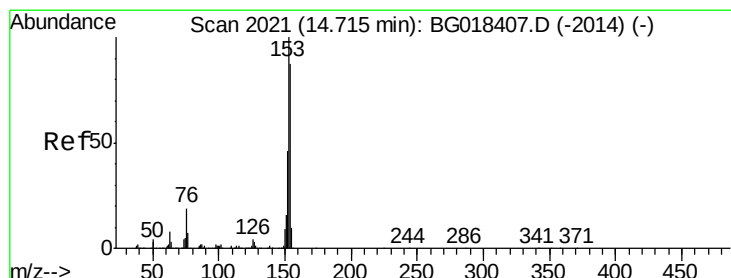
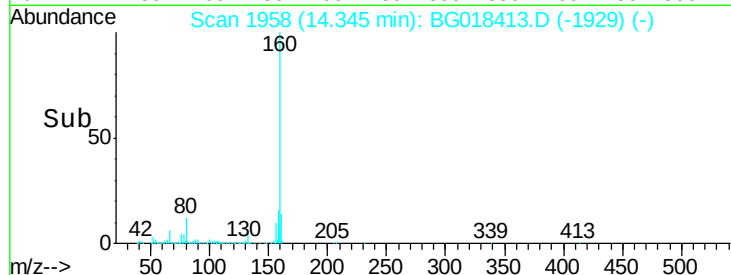
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Acenaphthene

Concen: 0.01 ng/ul

RT: 14.70 min Scan# 2019

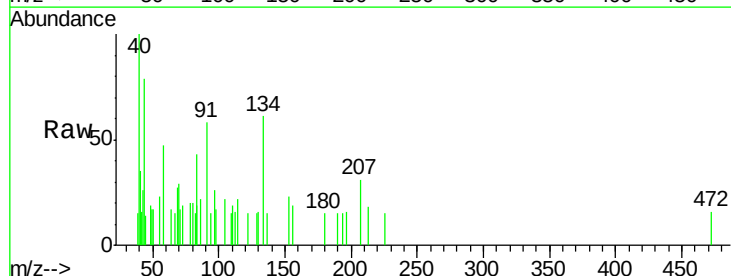
Delta R.T. -0.01 min

Lab File: BG018413.D

Acq: 13 Aug 2015 00:55

Tgt Ion:153 Resp: 141

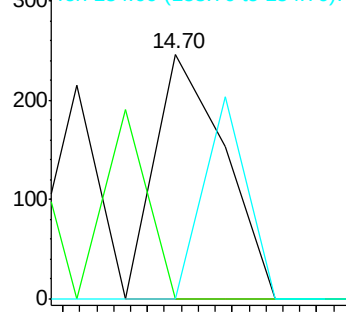
Ion	Ratio	Lower	Upper
153	100		
152	0.0	38.2	57.4#
154	0.0	68.6	103.0#



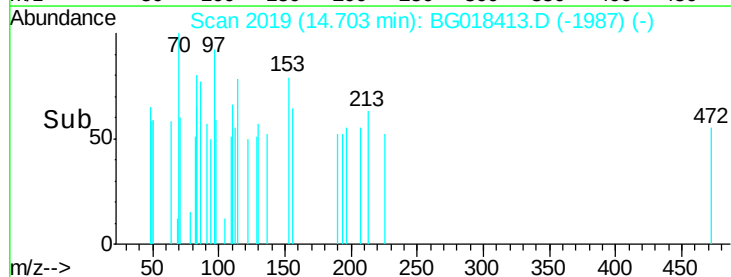
Abundance Ion 153.00 (152.70 to 153.70): E

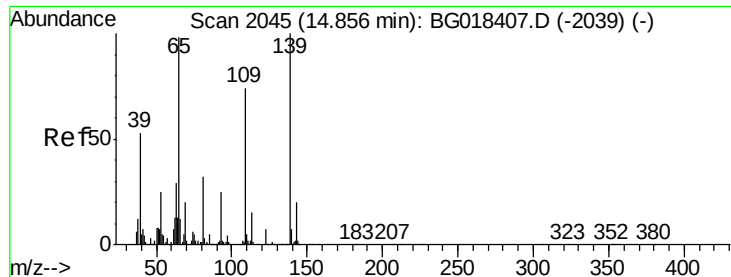
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->





#53

4-Nitrophenol

Concen: 0.09 ng/ul

RT: 14.87 min Scan# 2047

Delta R.T. 0.01 min

Lab File: BG018413.D

Acq: 13 Aug 2015 00:55

Instrument :

BNA_M

ClientSampled :

MDL-05-S-ML

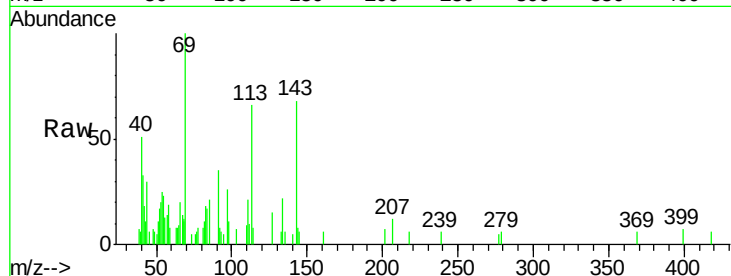
Tgt Ion:109 Resp: 344

Ion Ratio Lower Upper

109 100

139 0.0 111.3 166.9#

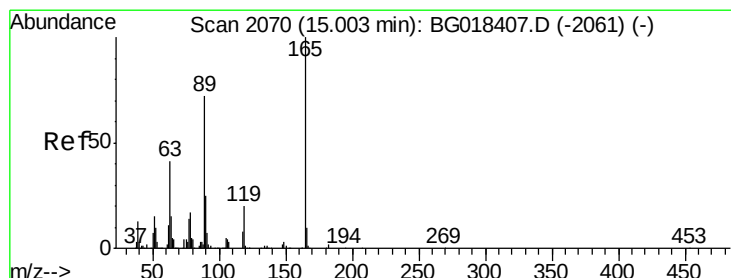
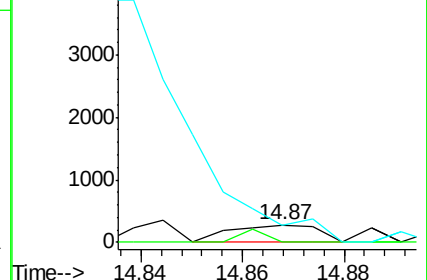
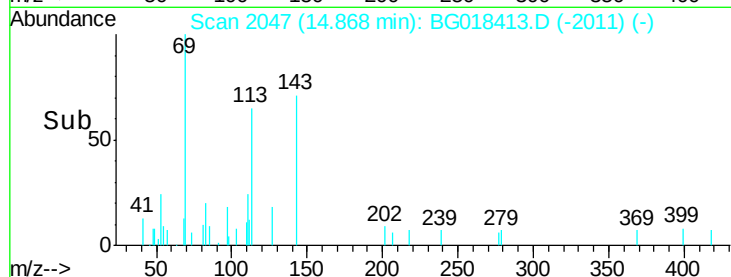
65 95.0 105.3 157.9#



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: 15.15 min Scan# 2095

Delta R.T. 0.15 min

Lab File: BG018413.D

Acq: 13 Aug 2015 00:55

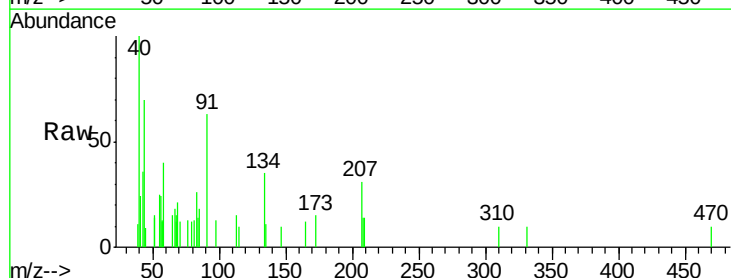
Tgt Ion:165 Resp: 65

Ion Ratio Lower Upper

165 100

63 0.0 36.7 55.1#

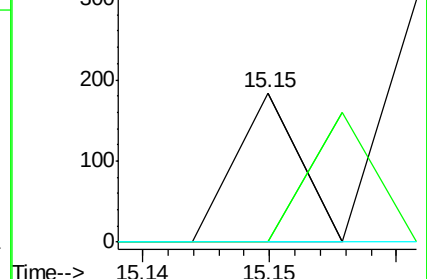
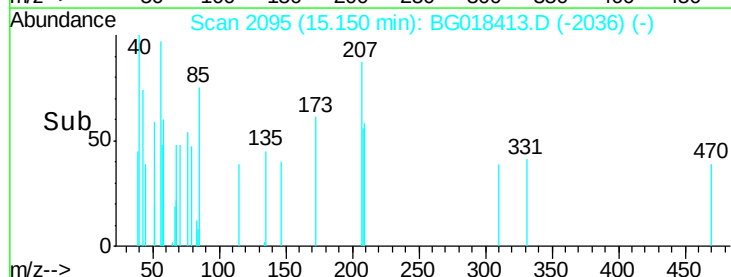
182 0.0 2.2 3.2#

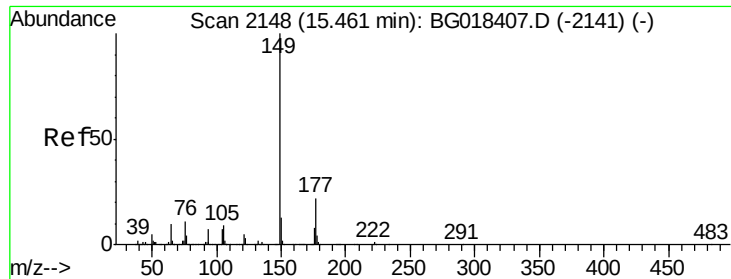


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E

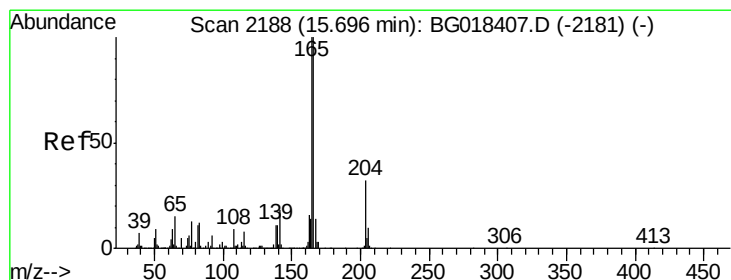
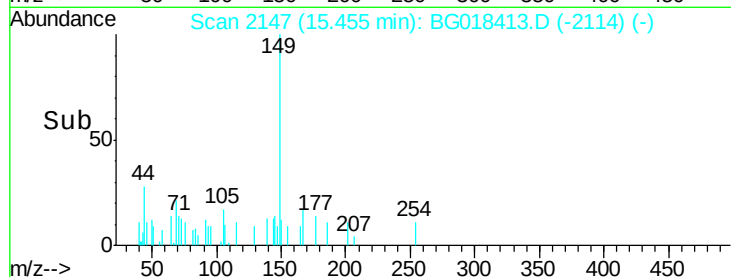
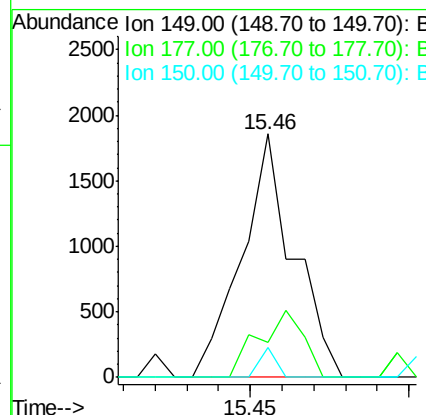
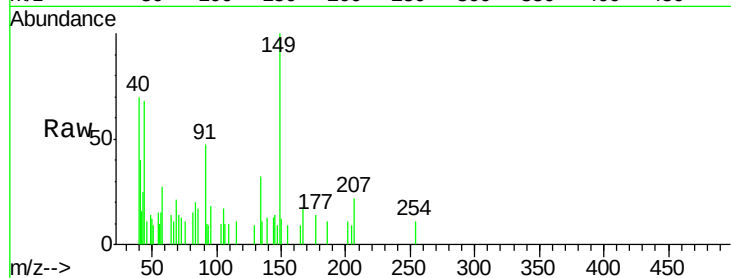




#57
Diethylphthalate
Concen: 0.08 ng/ul
RT: 15.46 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG018413.D
Acq: 13 Aug 2015 00:55

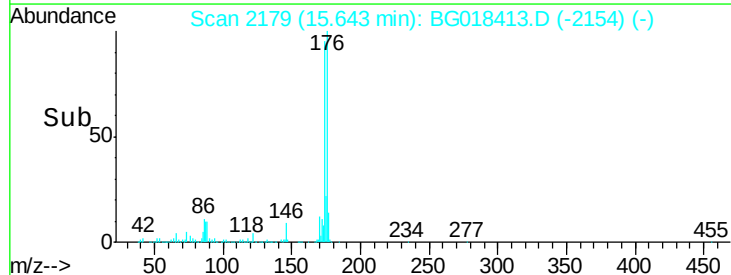
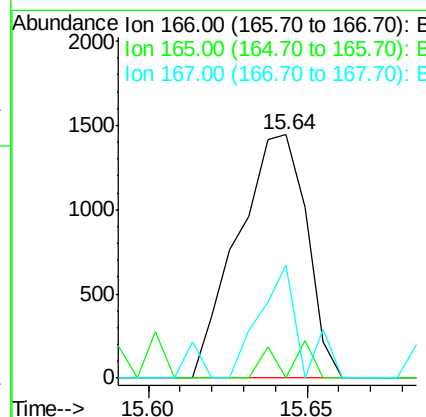
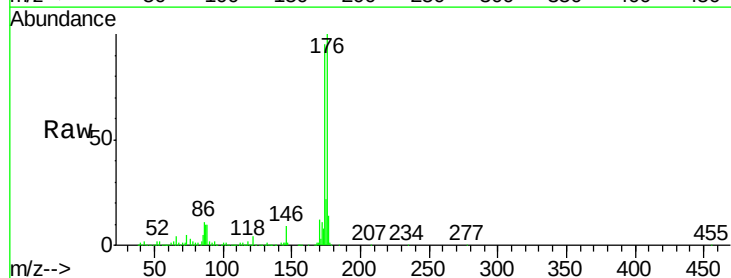
Instrument :
BNA_M
ClientSampleId :
MDL-05-S-ML

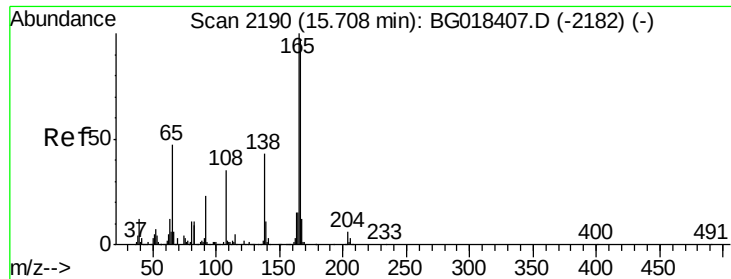
Tgt Ion:149 Resp: 2104
Ion Ratio Lower Upper
149 100
177 14.3 18.2 27.4#
150 12.1 9.7 14.5



#59
Fluorene
Concen: 0.09 ng/ul
RT: 15.64 min Scan# 2179
Delta R.T. -0.05 min
Lab File: BG018413.D
Acq: 13 Aug 2015 00:55

Tgt Ion:166 Resp: 2176
Ion Ratio Lower Upper
166 100
165 0.0 82.6 124.0#
167 46.5 11.4 17.0#

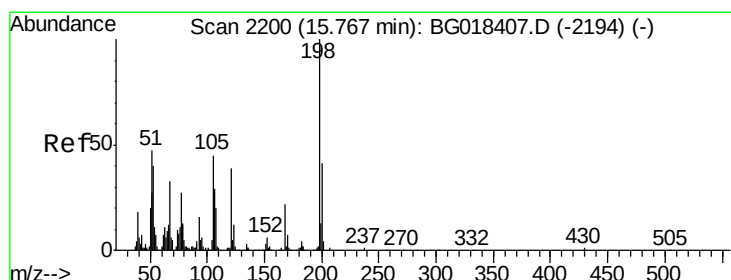
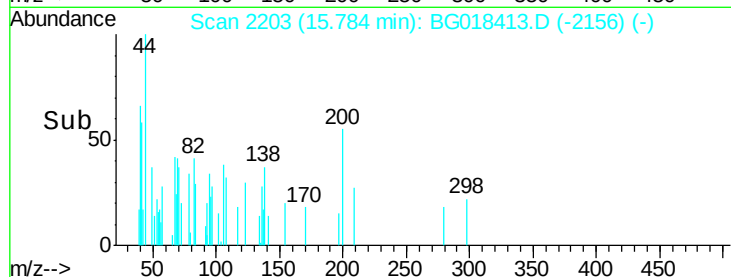
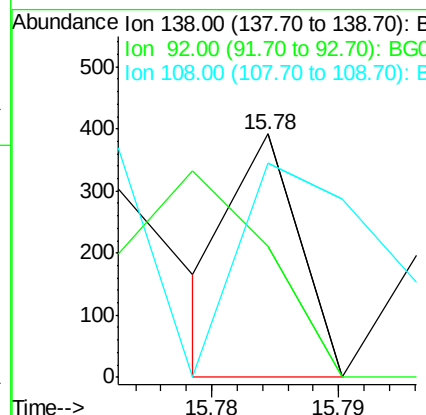
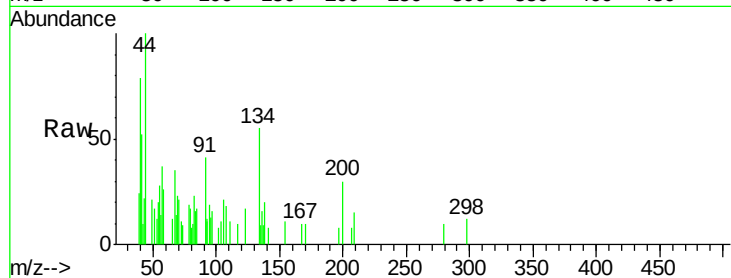




#61
4-Nitroaniline
Concen: 0.03 ng/ul
RT: 15.78 min Scan# 2203
Delta R.T. 0.08 min
Lab File: BG018413.D
Acq: 13 Aug 2015 00:55

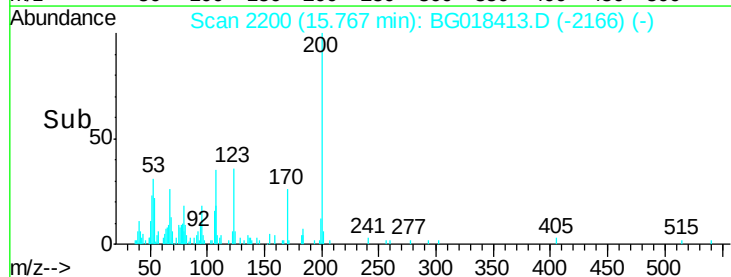
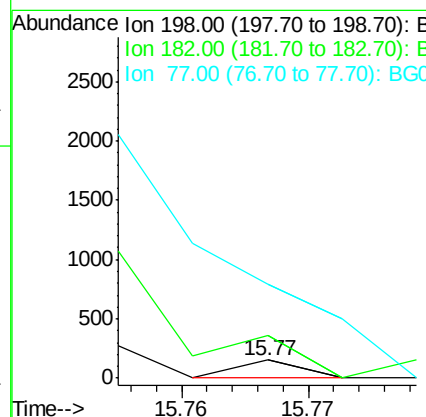
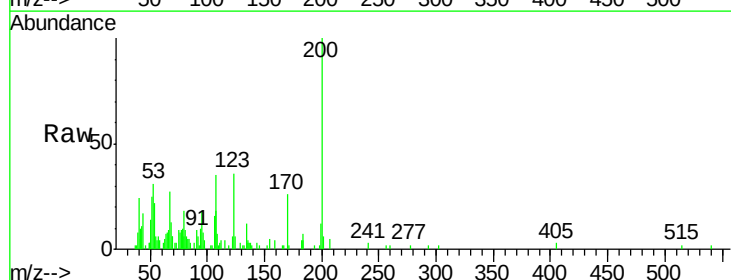
Instrument :
BNA_M
ClientSampleId :
MDL-05-S-ML

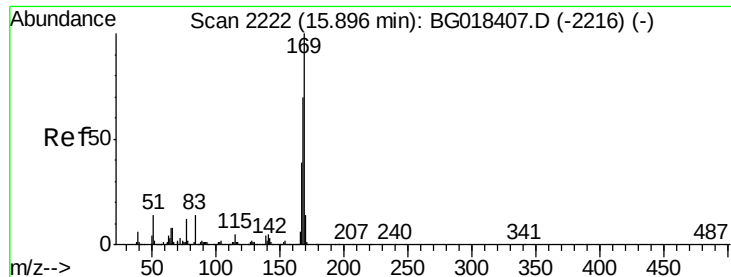
Tgt Ion:138 Resp: 138
Ion Ratio Lower Upper
138 100
92 53.8 44.0 66.0
108 88.0 64.6 97.0



#64
4,6-Dinitro-2-methylphenol
Concen: 0.01 ng/ul
RT: 15.77 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BG018413.D
Acq: 13 Aug 2015 00:55

Tgt Ion:198 Resp: 54
Ion Ratio Lower Upper
198 100
182 234.9 3.4 5.0#
77 519.7 22.4 33.6#





#65

N-Nitrosodiphenylamine

Concen: 0.04 ng/ul

RT: 15.75 min Scan# 2197

Delta R.T. -0.15 min

Lab File: BG018413.D

Acq: 13 Aug 2015 00:55

Instrument :

BNA_M

ClientSampled :

MDL-05-S-ML

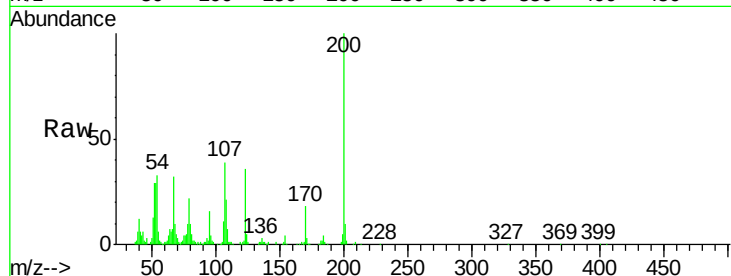
Tgt Ion:169 Resp: 821

Ion Ratio Lower Upper

169 100

168 33.9 60.2 90.2#

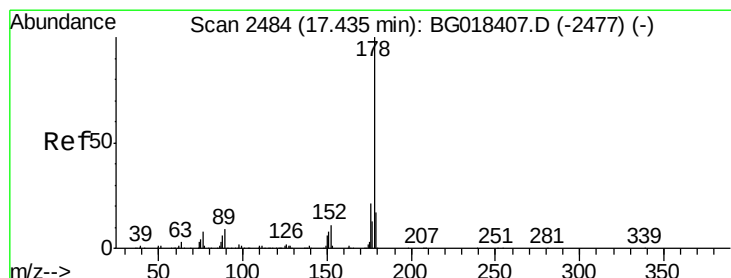
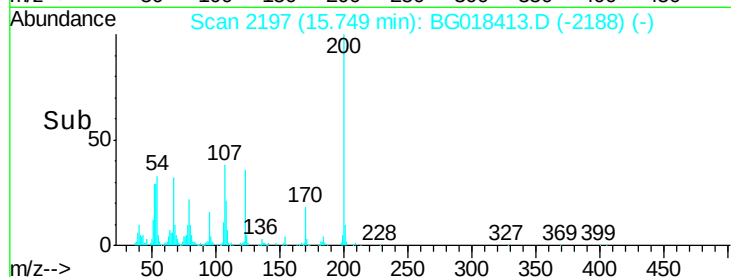
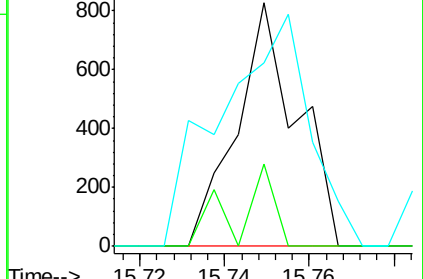
167 75.3 33.4 50.2#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 0.01 ng/ul

RT: 17.44 min Scan# 2484

Delta R.T. -0.00 min

Lab File: BG018413.D

Acq: 13 Aug 2015 00:55

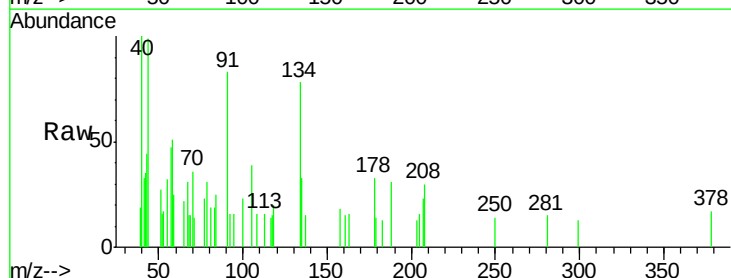
Tgt Ion:178 Resp: 270

Ion Ratio Lower Upper

178 100

179 42.5 13.7 20.5#

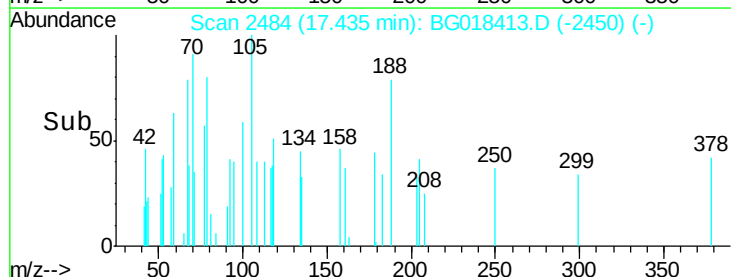
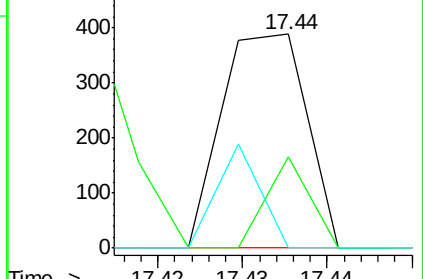
176 0.0 16.6 24.8#

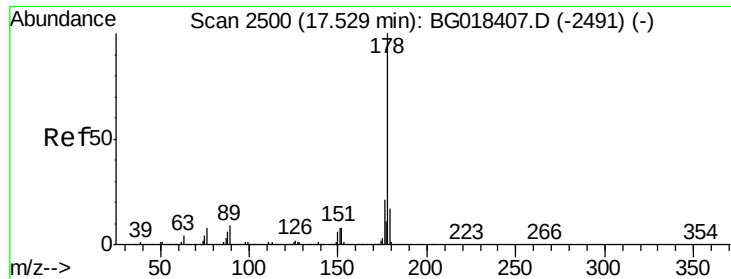


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 0.02 ng/ul

RT: 17.49 min Scan# 2494

Delta R.T. -0.04 min

Lab File: BG018413.D

Acq: 13 Aug 2015 00:55

Instrument :

BNA_M

ClientSampleId :

MDL-05-S-ML

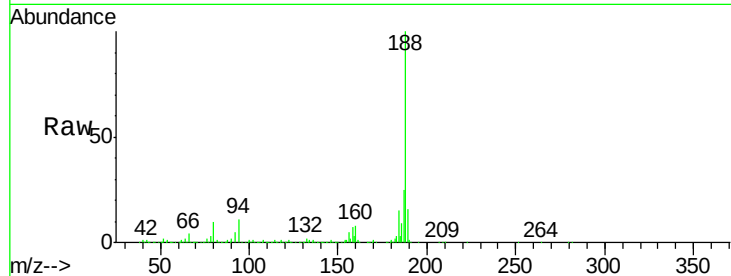
Tgt Ion:178 Resp: 867

Ion Ratio Lower Upper

178 100

179 137.8 13.0 19.4#

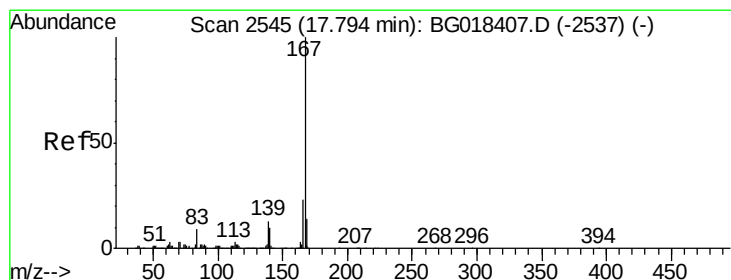
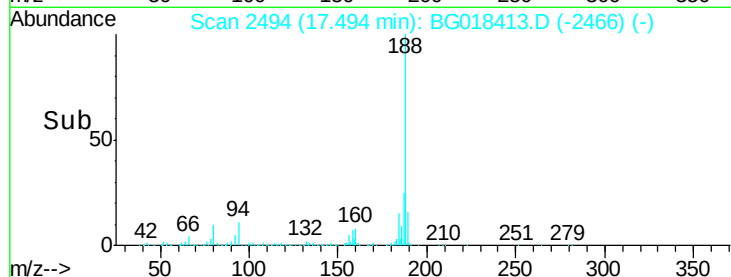
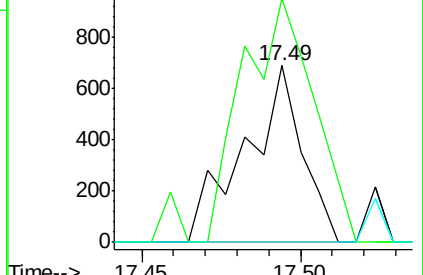
176 0.0 16.0 24.0#



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



#75

Carbazole

Concen: 0.00 ng/ul

RT: 17.82 min Scan# 2550

Delta R.T. 0.03 min

Lab File: BG018413.D

Acq: 13 Aug 2015 00:55

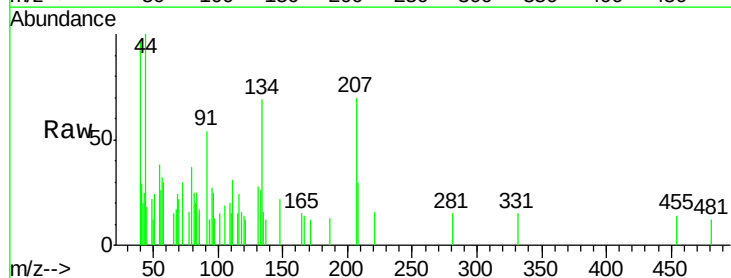
Tgt Ion:167 Resp: 121

Ion Ratio Lower Upper

167 100

166 0.0 18.9 28.3#

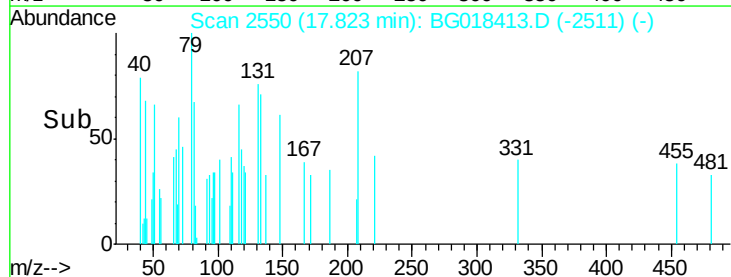
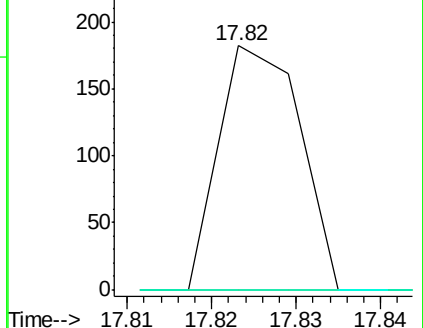
139 0.0 10.1 15.1#

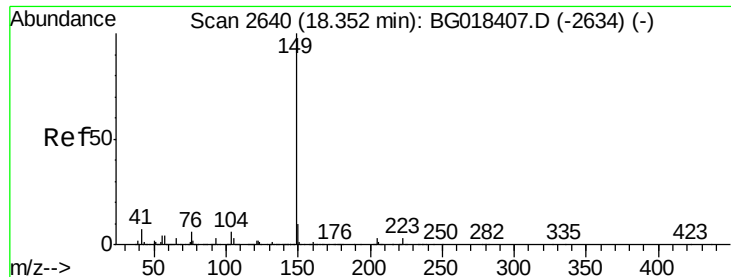


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#76

Di-n-butylphthalate

Concen: 0.04 ng/ul

RT: 18.35 min Scan# 2640

Delta R.T. -0.00 min

Lab File: BG018413.D

Acq: 13 Aug 2015 00:55

Instrument :

BNA_M

ClientSampleId :

MDL-05-S-ML

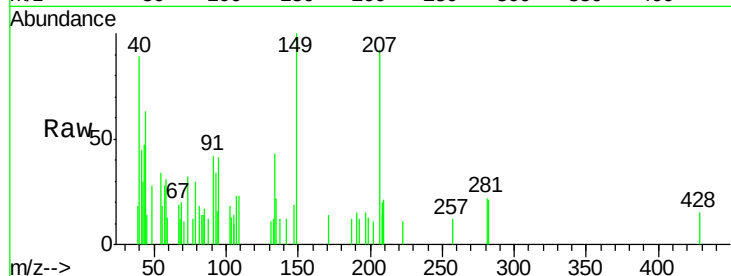
Tgt Ion:149 Resp: 1684

Ion Ratio Lower Upper

149 100

150 0.0 7.5 11.3#

104 12.8 4.3 6.5#

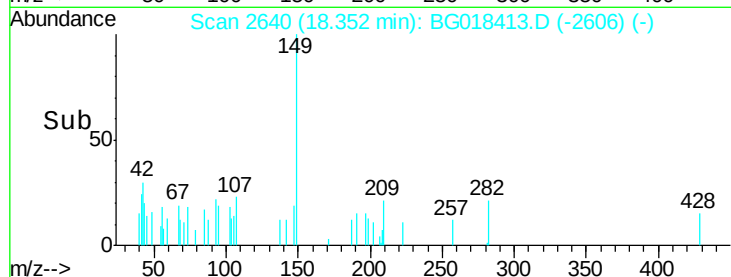


Abundance Ion 149.00 (148.70 to 149.70): E

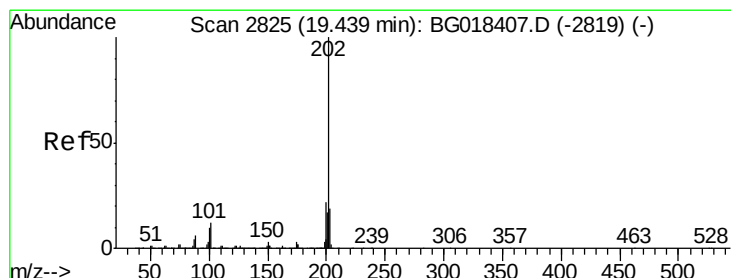
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



Time-->



#77

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.53 min Scan# 2841

Delta R.T. 0.09 min

Lab File: BG018413.D

Acq: 13 Aug 2015 00:55

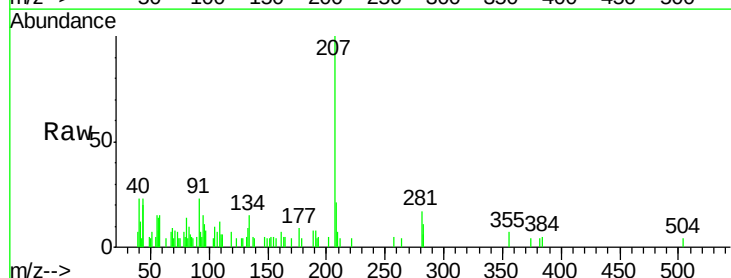
Tgt Ion:202 Resp: 71

Ion Ratio Lower Upper

202 100

101 0.0 9.7 14.5#

100 0.0 7.8 11.8#

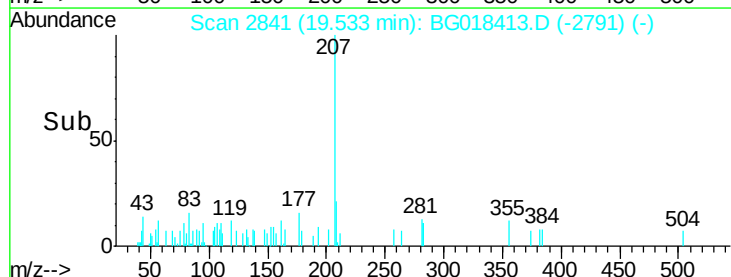


Abundance Ion 202.00 (201.70 to 202.70): E

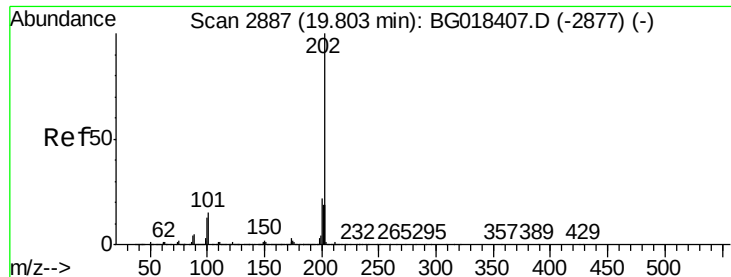
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



Time-->



#80

Pyrene

Concen: 0.00 ng/ul

RT: 19.80 min Scan# 2887

Delta R.T. -0.00 min

Lab File: BG018413.D

Acq: 13 Aug 2015 00:55

Instrument :

BNA_M

ClientSampleId :

MDL-05-S-ML

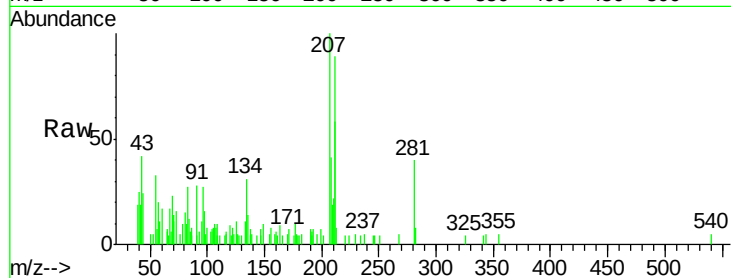
Tgt Ion: 202 Resp: 57

Ion Ratio Lower Upper

202 100

101 0.0 11.0 16.4#

100 0.0 9.8 14.6#

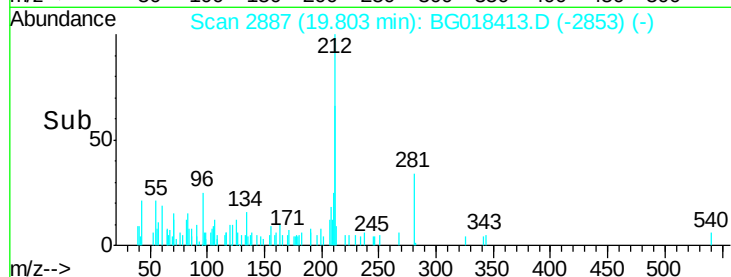


Abundance Ion 202.00 (201.70 to 202.70): E

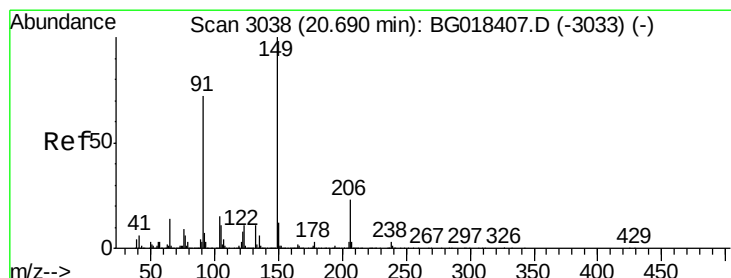
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



Time-->



#81

Butylbenzylphthalate

Concen: 0.03 ng/ul

RT: 20.68 min Scan# 3037

Delta R.T. -0.01 min

Lab File: BG018413.D

Acq: 13 Aug 2015 00:55

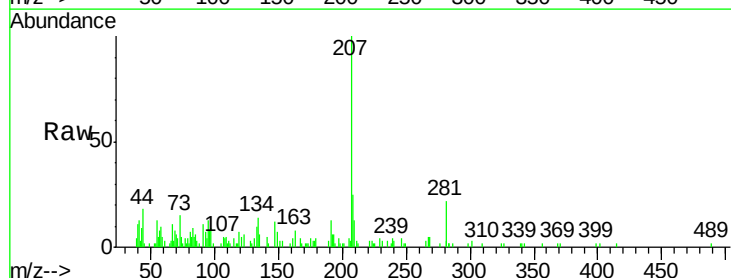
Tgt Ion: 149 Resp: 537

Ion Ratio Lower Upper

149 100

91 154.2 57.9 86.9#

206 43.9 17.9 26.9#

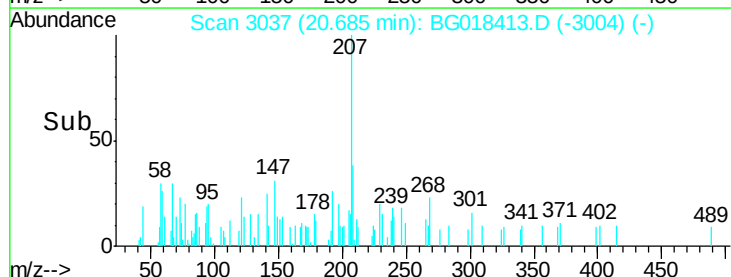


Abundance Ion 149.00 (148.70 to 149.70): E

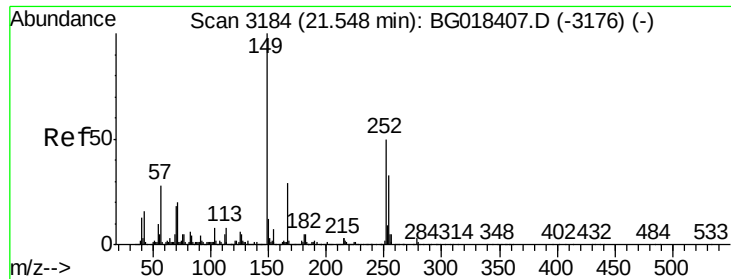
Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

Time-->



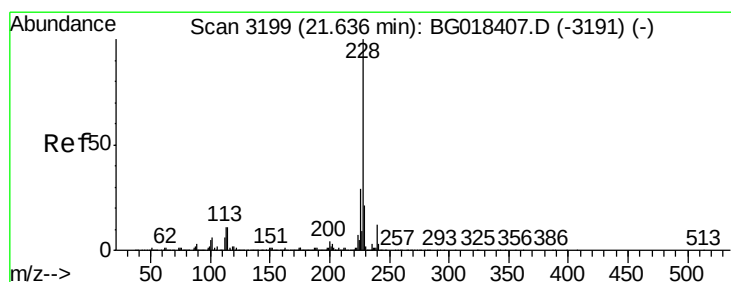
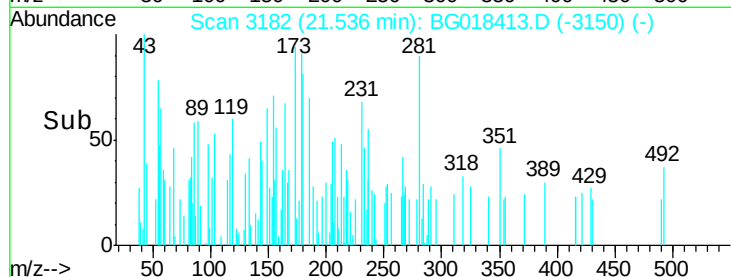
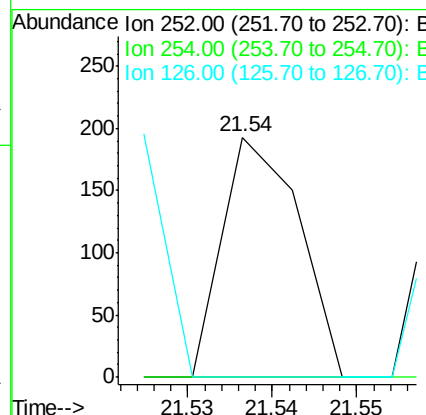
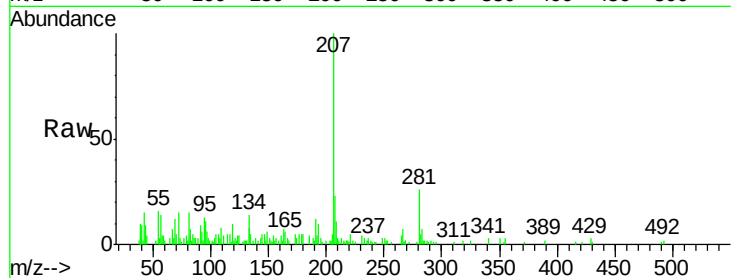
Time-->



#82
 3,3'-Dichlorobenzidine
 Concen: 0.01 ng/ul
 RT: 21.54 min Scan# 3182
 Delta R.T. -0.01 min
 Lab File: BG018413.D
 Acq: 13 Aug 2015 00:55

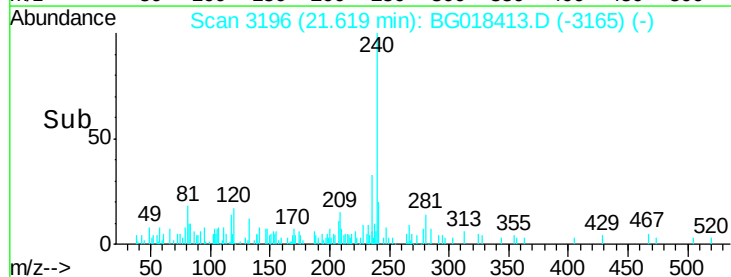
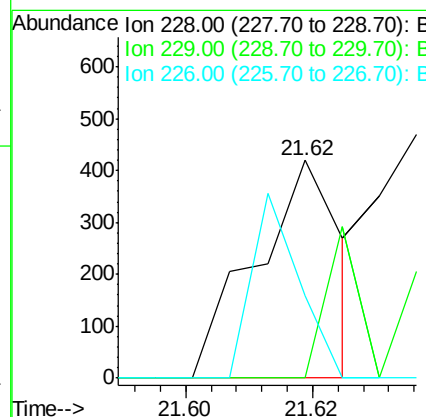
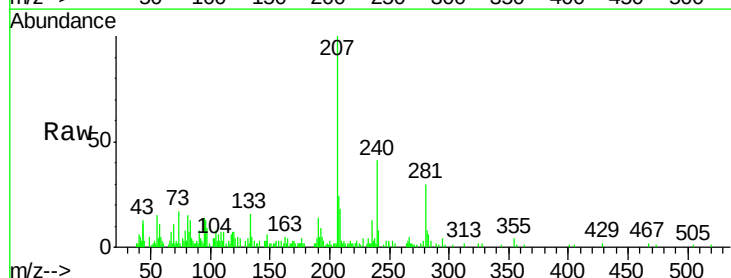
Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S-ML

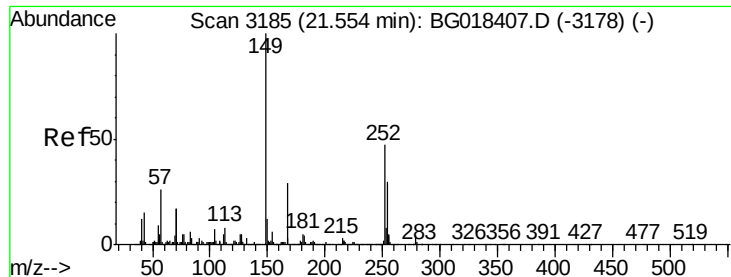
Tgt Ion	Ratio	Lower	Upper
252	100		
254	0.0	50.9	76.3#
126	0.0	9.6	14.4#



#83
 Benzo(a)anthracene
 Concen: 0.01 ng/ul
 RT: 21.62 min Scan# 3196
 Delta R.T. -0.02 min
 Lab File: BG018413.D
 Acq: 13 Aug 2015 00:55

Tgt Ion	Ratio	Lower	Upper
228	100		
229	0.0	15.5	23.3#
226	37.9	22.1	33.1#





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.06 ng/ul

RT: 21.54 min Scan# 3183

Delta R.T. -0.01 min

Lab File: BG018413.D

Acq: 13 Aug 2015 00:55

Instrument :

BNA_M

ClientSampleId :

MDL-05-S-ML

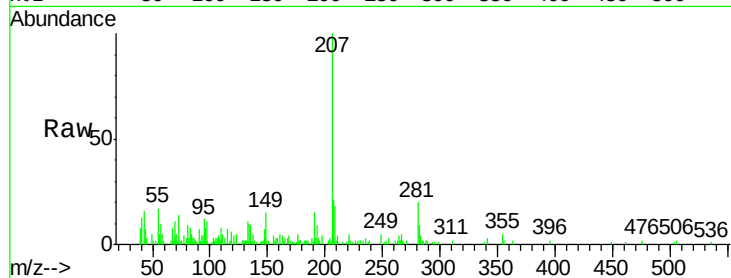
Tgt Ion:149 Resp: 1605

Ion Ratio Lower Upper

149 100

167 16.9 22.2 33.2#

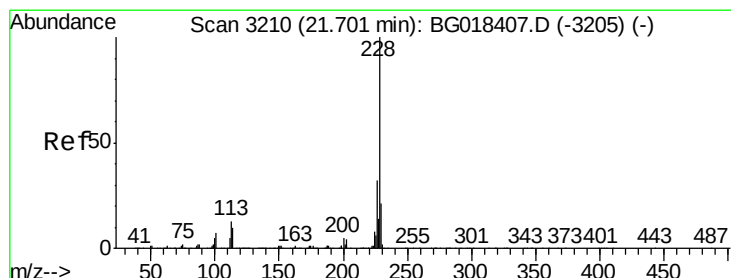
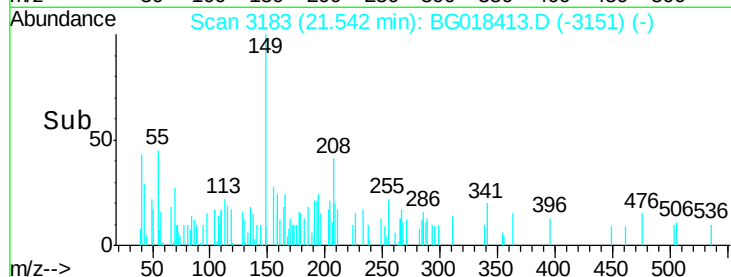
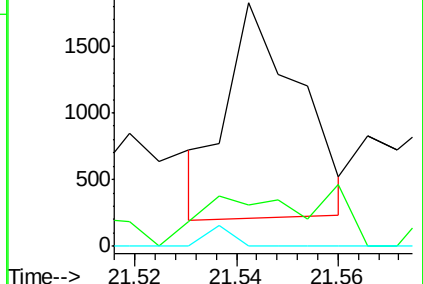
279 0.0 2.8 4.2#



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: 0.06 ng/ul

RT: 21.65 min Scan# 3202

Delta R.T. -0.05 min

Lab File: BG018413.D

Acq: 13 Aug 2015 00:55

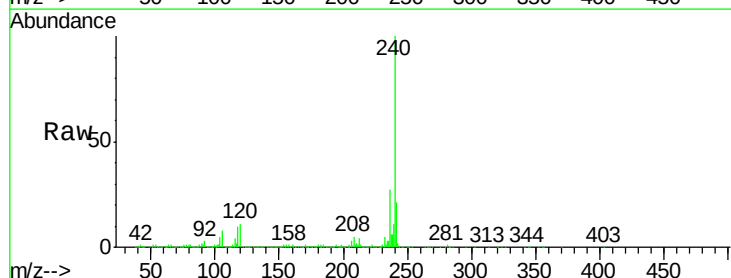
Tgt Ion:228 Resp: 2291

Ion Ratio Lower Upper

228 100

226 0.0 26.5 39.7#

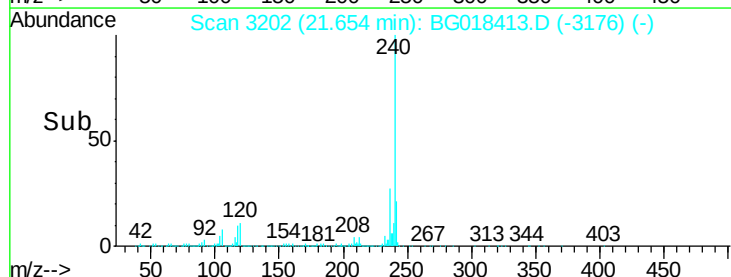
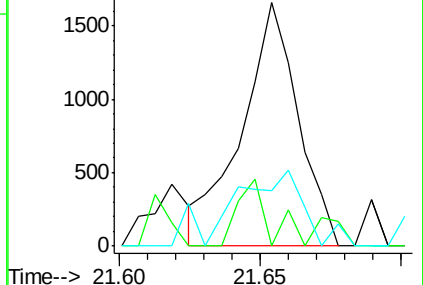
229 23.0 16.9 25.3

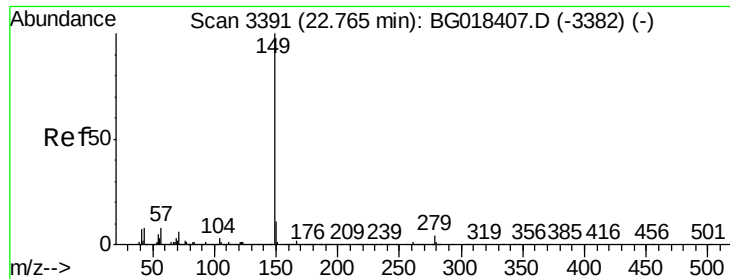


Abundance Ion 228.00 (227.70 to 228.70): E

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: BG018413.D

Acq: 13 Aug 2015 00:55

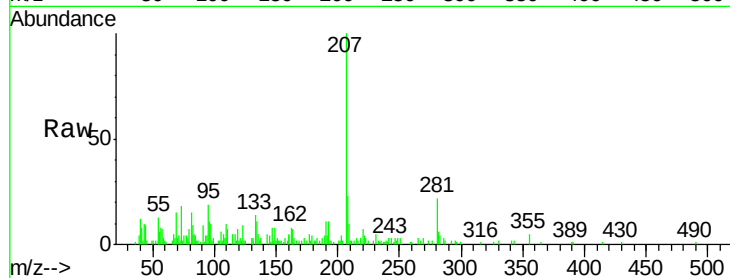
Instrument :

BNA_M

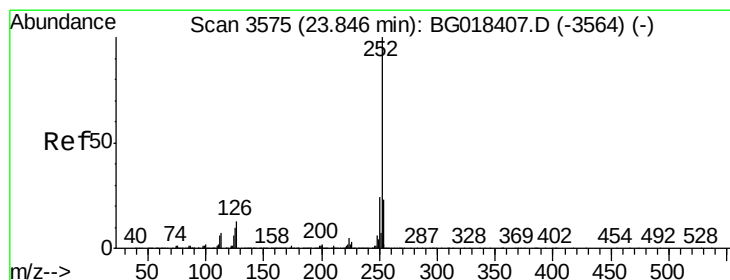
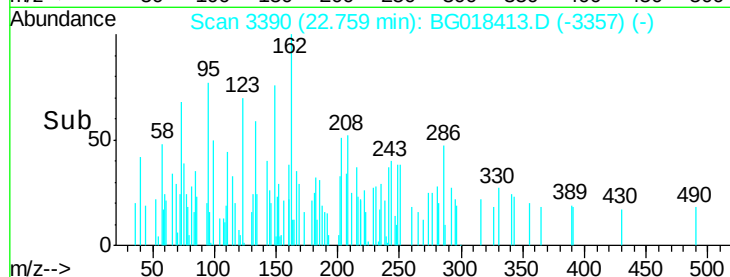
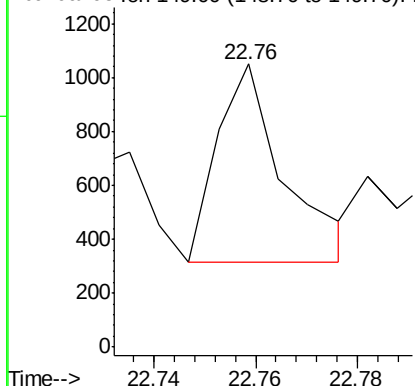
ClientSampleId :

MDL-05-S-ML

Tgt Ion:149 Resp: 669



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: BG018413.D

Acq: 13 Aug 2015 00:55

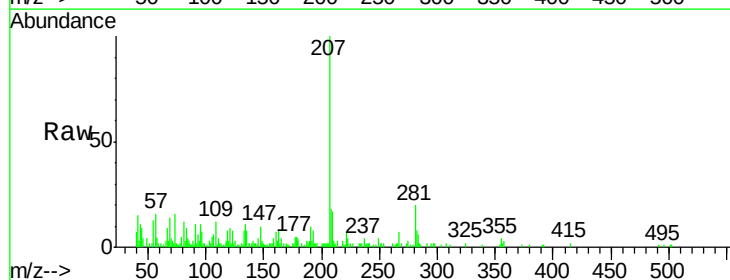
Tgt Ion:252 Resp: 237

Ion Ratio Lower Upper

252 100

253 83.0 18.1 27.1#

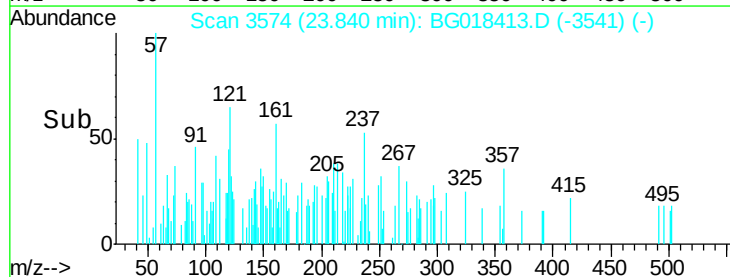
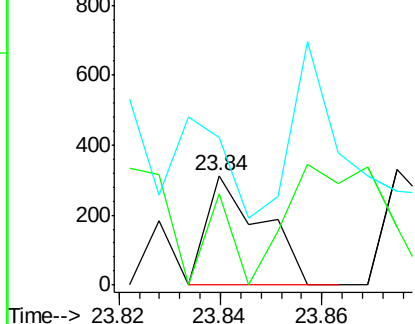
125 135.6 8.3 12.5#

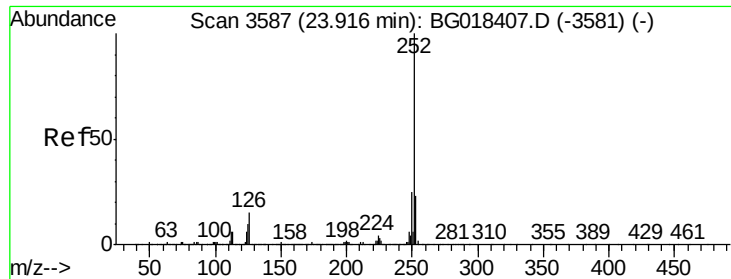


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 0.01 ng/ul

RT: 23.91 min Scan# 3586

Delta R.T. -0.01 min

Lab File: BG018413.D

Acq: 13 Aug 2015 00:55

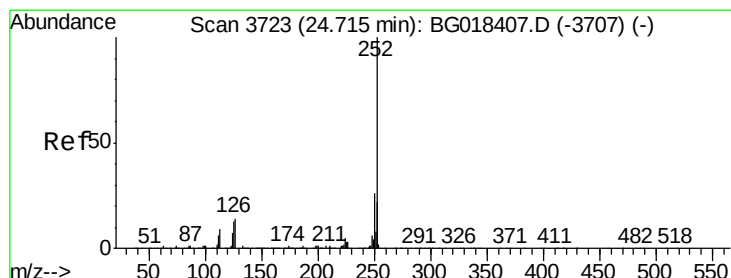
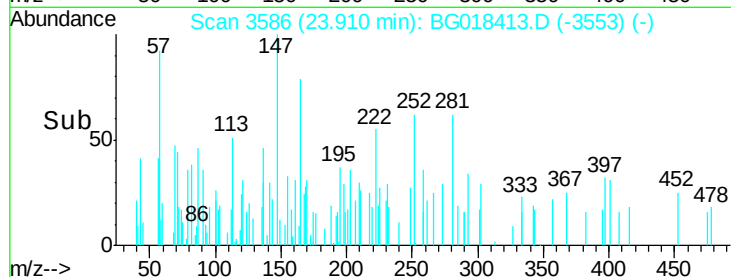
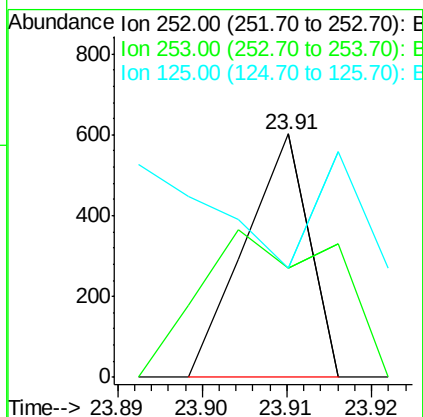
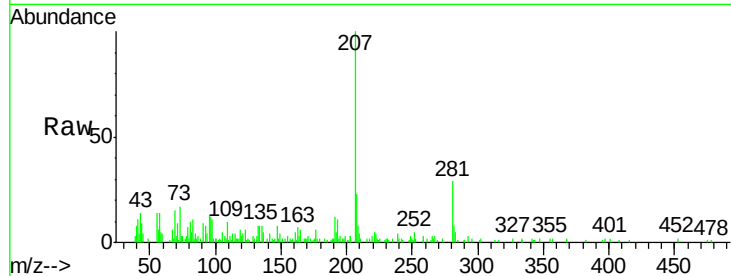
Instrument :

BNA_M

ClientSampleId :

MDL-05-S-ML

Tgt Ion:	252	Resp:	315
Ion Ratio	Lower	Upper	
252	100		
253	45.0	17.8	26.6#
125	44.9	9.0	13.4#



#91

Benzo(a)pyrene

Concen: 0.00 ng/ul

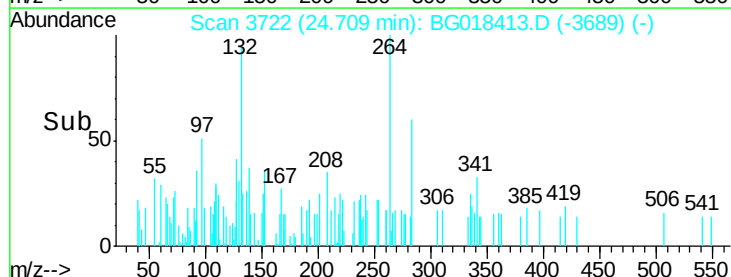
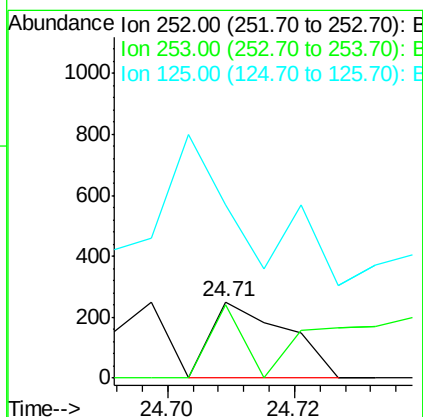
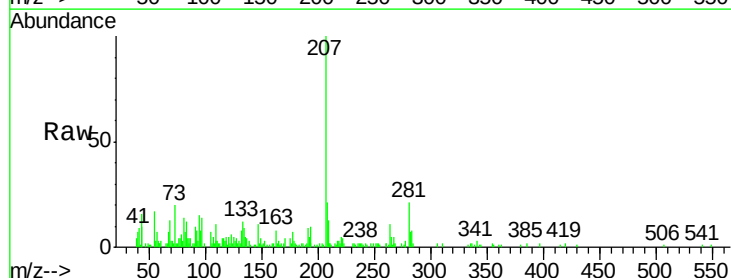
RT: 24.71 min Scan# 3722

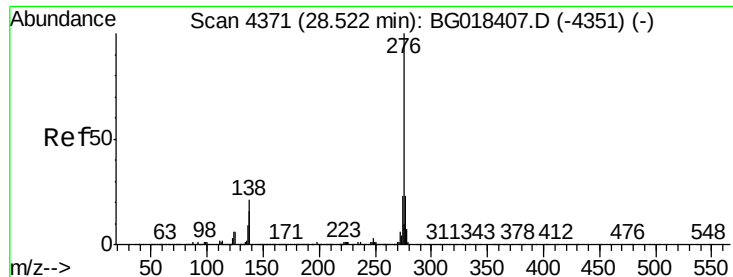
Delta R.T. -0.01 min

Lab File: BG018413.D

Acq: 13 Aug 2015 00:55

Tgt Ion:	252	Resp:	206
Ion Ratio	Lower	Upper	
252	100		
253	96.8	17.7	26.5#
125	226.8	10.2	15.2#





#92

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 28.54 min Scan# 4374

Delta R.T. 0.02 min

Lab File: BG018413.D

Acq: 13 Aug 2015 00:55

Instrument :

BNA_M

ClientSampleId :

MDL-05-S-ML

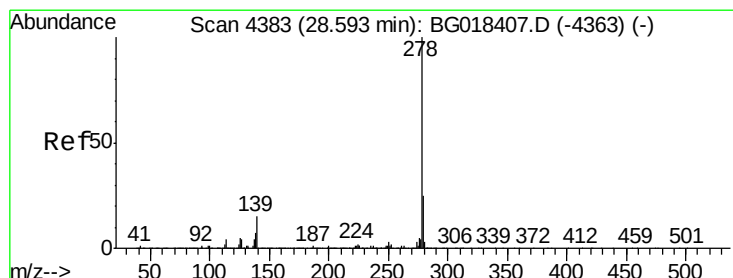
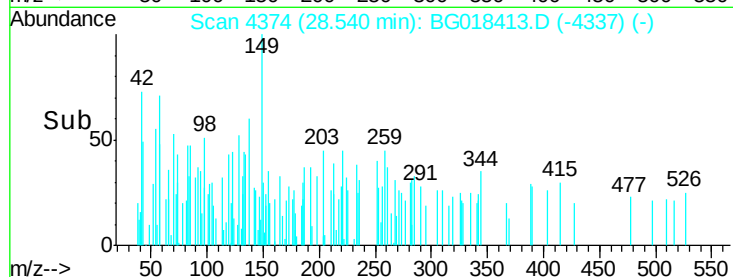
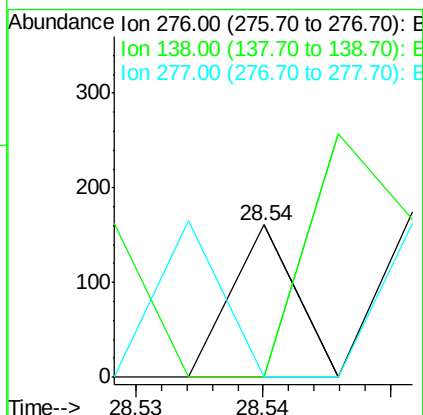
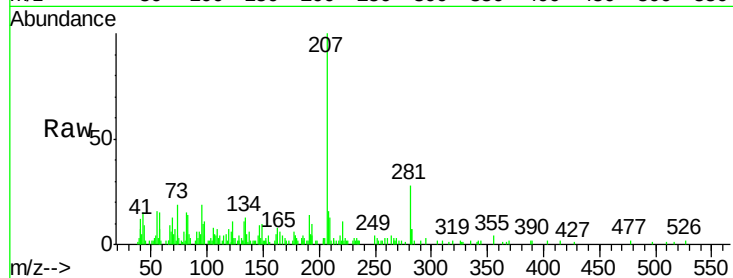
Tgt Ion: 276 Resp: 57

Ion Ratio Lower Upper

276 100

138 0.0 15.8 23.6#

277 0.0 18.9 28.3#



#93

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 28.57 min Scan# 4379

Delta R.T. -0.02 min

Lab File: BG018413.D

Acq: 13 Aug 2015 00:55

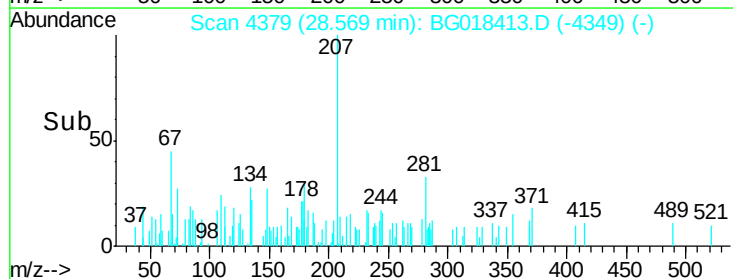
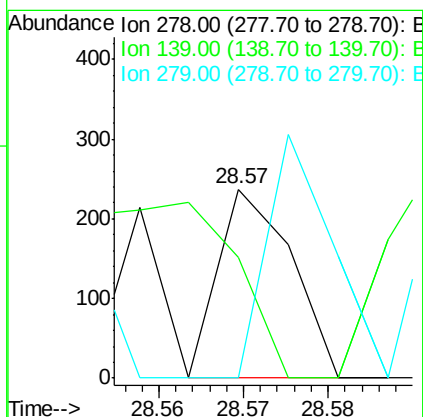
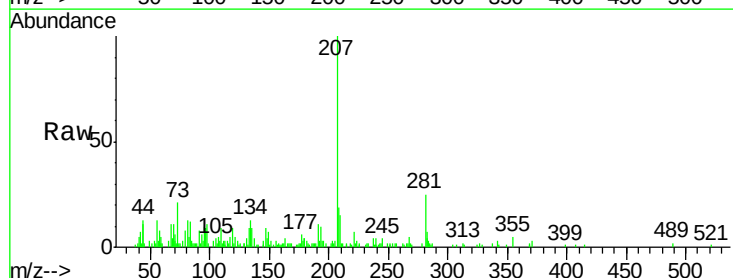
Tgt Ion: 278 Resp: 143

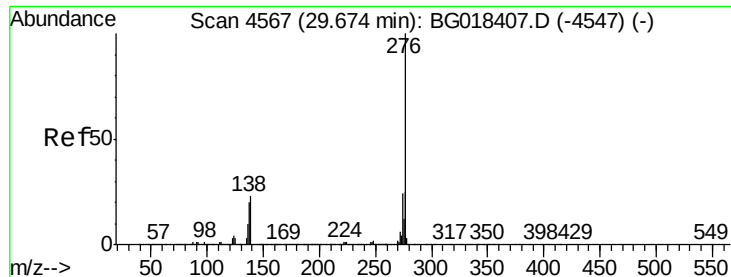
Ion Ratio Lower Upper

278 100

139 64.1 13.8 20.6#

279 0.0 17.8 26.8#





#94

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 29.69 min Scan# 4569

Delta R.T. 0.01 min

Lab File: BG018413.D

Acq: 13 Aug 2015 00:55

Instrument :

BNA_M

ClientSampleId :

MDL-05-S-ML

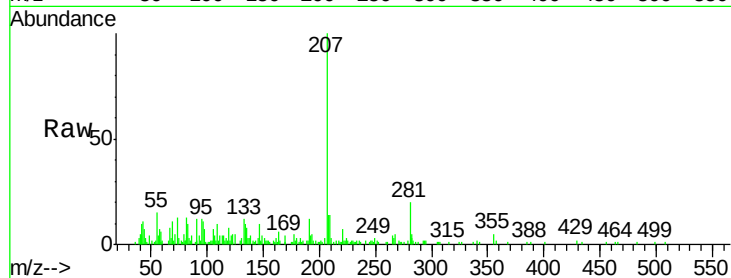
Tgt Ion: 276 Resp: 165

Ion Ratio Lower Upper

276 100

138 0.0 16.5 24.7#

277 0.0 19.0 28.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

