

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081215\
 Data File : BG018418.D
 Acq On : 13 Aug 2015 4:05
 Operator : UM/MA
 Sample : MDL-BLK-W
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-02-W

Quant Time: Aug 13 05:43:56 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 04:56:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	124847	20.00	ng/ul	0.00
18) Naphthalene-d8	10.83	136	564289	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.65	164	375415	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	924311	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	927473	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	921440	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	15250	5.40	ng/uL	0.00
5) Phenol-d5	7.18	99	326775	28.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	209127	29.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	246338	28.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	280294	29.44	ng/ul	0.00
19) Nitrobenzene-d5	9.18	128	138102	31.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.91	143	149729	33.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	276607	29.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	394350	36.70	ng/ul	0.00
44) Dimethylphthalate-d6	14.05	166	961817	30.45	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	1141918	28.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	183852	32.36	ng/ul	0.00
58) Fluorene-d10	15.64	176	821429	29.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	132476	29.14	ng/ul	0.00
71) Anthracene-d10	17.49	188	1332896	30.15	ng/ul	0.00
79) Pyrene-d10	19.77	212	1443970	30.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.64	264	1539321	31.47	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.47	88	165	0.05 ng/uL#	1
4) Benzaldehyde	7.16	77	276	0.04 ng/ul#	1
6) Phenol	7.15	94	54	0.00 ng/ul#	1
8) Bis(2-Chloroethyl)ether	7.44	93	1459	0.16 ng/ul#	66
10) 2-Chlorophenol	7.55	128	208	0.02 ng/ul#	1
11) 2-Methylphenol	8.50	108	127	0.01 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.48	45	253	0.02 ng/ul#	12
14) Acetophenone	8.84	105	244	0.02 ng/ul#	6
15) N-Nitroso-di-n-propylamine	8.81	70	144	0.02 ng/ul#	35
16) 4-Methylphenol	8.79	108	141	0.01 ng/ul#	65
17) Hexachloroethane	8.96	117	184	0.05 ng/ul#	10
20) Nitrobenzene	9.21	77	307	0.03 ng/ul#	42
21) Isophorone	9.73	82	157	0.01 ng/ul#	66
24) 2,4-Dimethylphenol	9.99	107	113	0.01 ng/ul#	12
25) Bis(2-Chloroethoxy)methane	10.21	93	78	0.01 ng/ul#	1
27) 2,4-Dichlorophenol	10.44	162	290	0.03 ng/ul#	1
28) Naphthalene	10.90	128	116	0.00 ng/ul#	1
30) 4-Chloroaniline	10.96	127	207	0.02 ng/ul#	1
32) Caprolactam	11.74	113	54	0.02 ng/ul#	7
33) 4-Chloro-3-methylphenol	12.10	107	118	0.01 ng/ul#	18
42) 2-Chloronaphthalene	13.35	162	111	0.00 ng/ul#	40
43) 2-Nitroaniline	13.71	65	230	0.03 ng/ul#	9
45) Dimethylphthalate	14.08	163	121	0.00 ng/ul#	78

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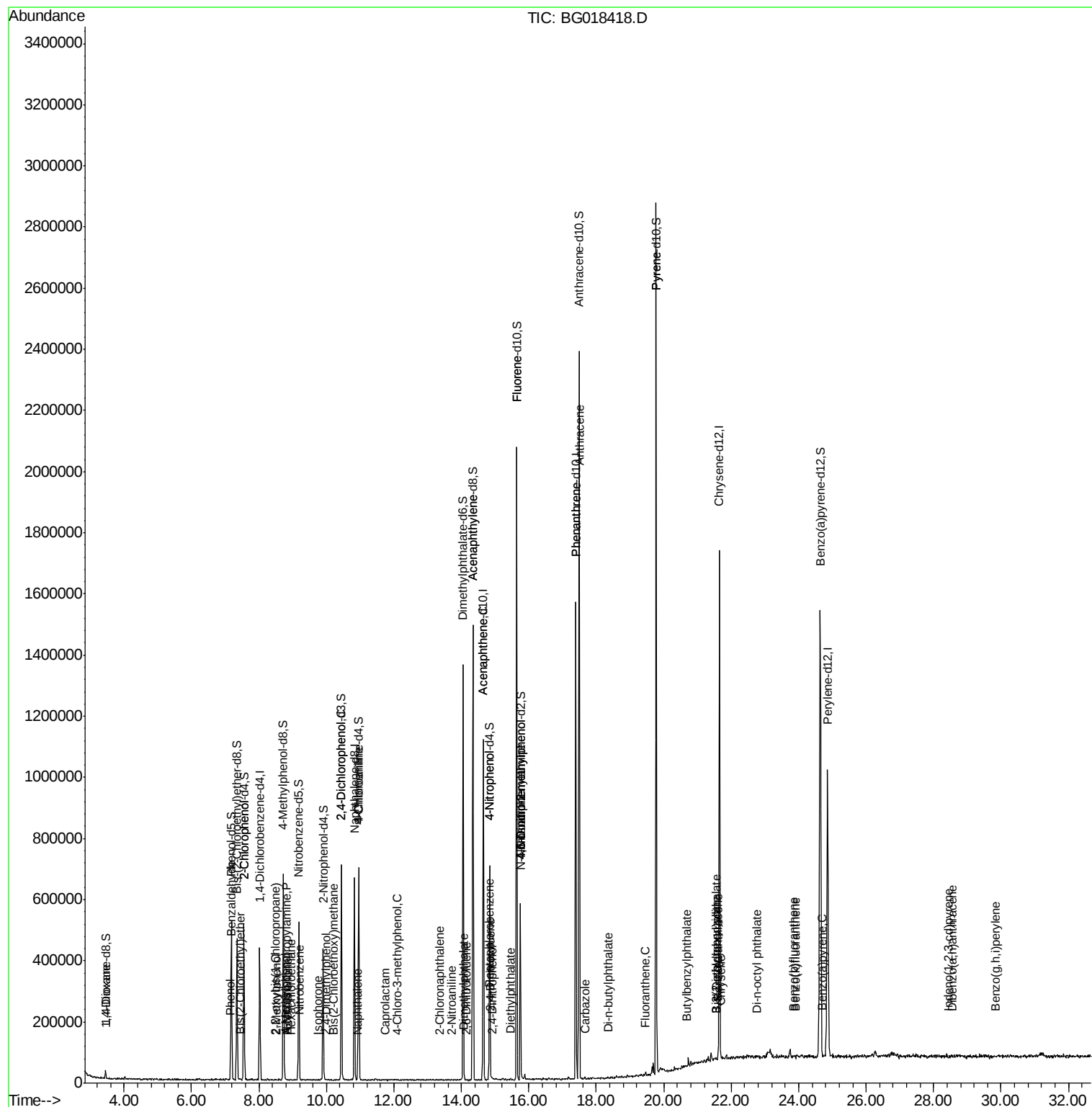
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2,6-Dinitrotoluene	14.14	165	221	0.04	ng/ul#	28
48) Acenaphthylene	14.34	152	380	0.01	ng/ul#	21
50) Acenaphthene	14.65	153	159	0.01	ng/ul#	1
51) 2,4-Dinitrophenol	14.91	184	152	0.05	ng/ul#	14
53) 4-Nitrophenol	14.84	109	258	0.05	ng/ul#	1
55) 2,4-Dinitrotoluene	14.86	165	57	0.01	ng/ul#	1
57) Diethylphthalate	15.45	149	3093	0.09	ng/ul#	86
59) Fluorene	15.64	166	1986	0.06	ng/ul#	13
61) 4-Nitroaniline	15.75	138	1197	0.17	ng/ul#	1
64) 4,6-Dinitro-2-methylphenol	15.75	198	822	0.17	ng/ul#	1
65) N-Nitrosodiphenylamine	15.76	169	1473	0.05	ng/ul#	52
70) Phenanthrene	17.39	178	554	0.01	ng/ul#	4
72) Anthracene	17.50	178	404	0.01	ng/ul#	1
74) Pentachlorobenzene	14.81	250	67	0.01	ng/ul#	21
75) Carbazole	17.68	167	160	0.00	ng/ul#	1
76) Di-n-butylphthalate	18.35	149	1347	0.02	ng/ul#	78
77) Fluoranthene	19.45	202	56	0.00	ng/ul#	71
80) Pyrene	19.78	202	2471	0.04	ng/ul#	1
81) Butylbenzylphthalate	20.69	149	528	0.02	ng/ul#	28
82) 3,3'-Dichlorobenzidine	21.54	252	231	0.01	ng/ul#	7
83) Benzo(a)anthracene	21.61	228	80	0.00	ng/ul#	26
84) Bis(2-ethylhexyl)phthalate	21.54	149	1232	0.03	ng/ul#	83
85) Chrysene	21.69	228	132	0.00	ng/ul#	15
87) Di-n-octyl phthalate	22.75	149	211	0.00	ng/ul	100
88) Benzo(b)fluoranthene	23.84	252	91	0.00	ng/ul#	1
89) Benzo(k)fluoranthene	23.90	252	225	0.00	ng/ul#	1
91) Benzo(a)pyrene	24.71	252	77	0.00	ng/ul#	1
92) Indeno(1,2,3-cd)pyrene	28.44	276	90	0.00	ng/ul#	23
93) Dibenzo(a,h)anthracene	28.55	278	84	0.00	ng/ul#	6
94) Benzo(g,h,i)perylene	29.83	276	70	0.00	ng/ul#	10

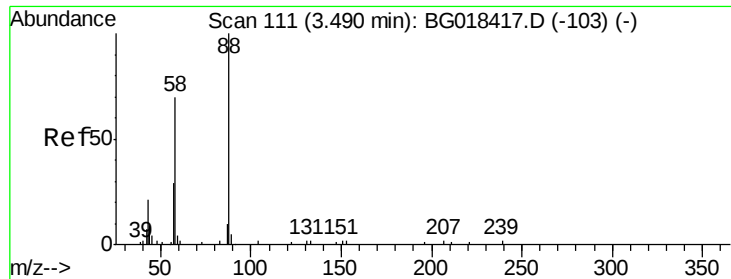
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.05 ng/uL

RT: 3.47 min Scan# 107

Delta R.T. -0.02 min

Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

Instrument :

BNA_G

ClientSampled :

MDL-02-W

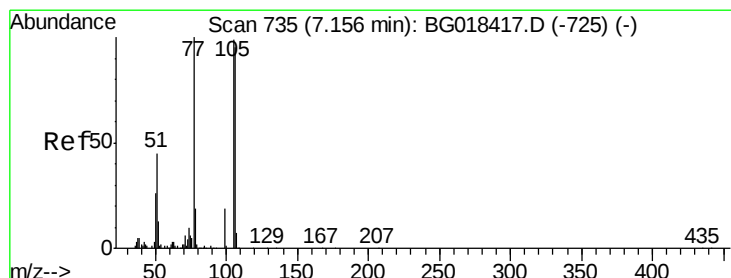
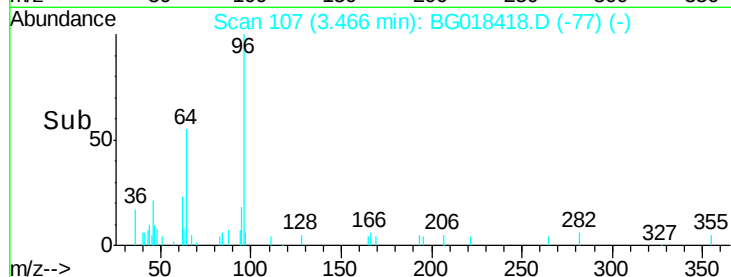
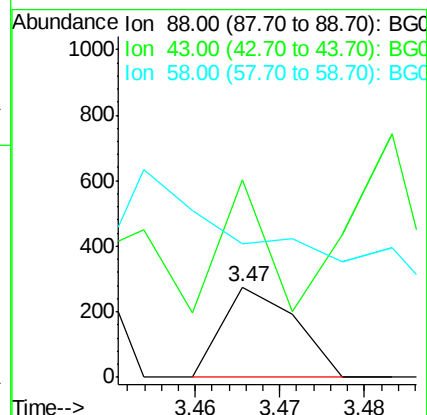
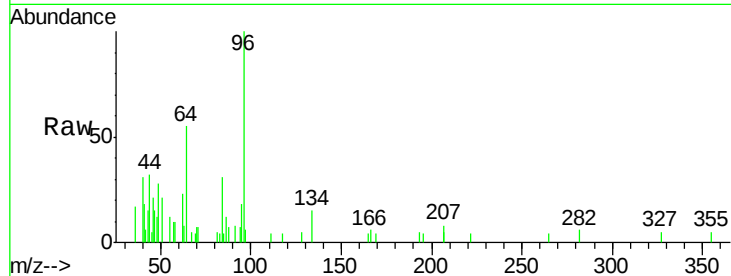
Tgt Ion: 88 Resp: 165

Ion Ratio Lower Upper

88 100

43 218.5 33.0 49.4#

58 148.7 73.4 110.0#



#4

Benzaldehyde

Concen: 0.04 ng/uL

RT: 7.16 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

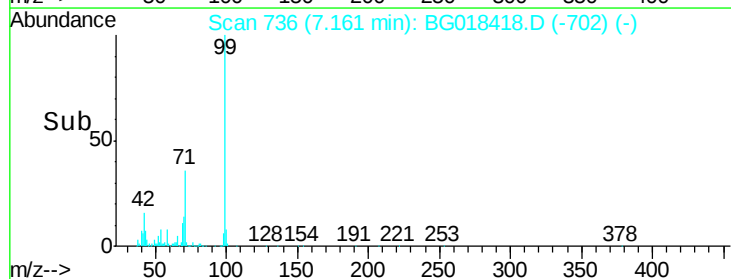
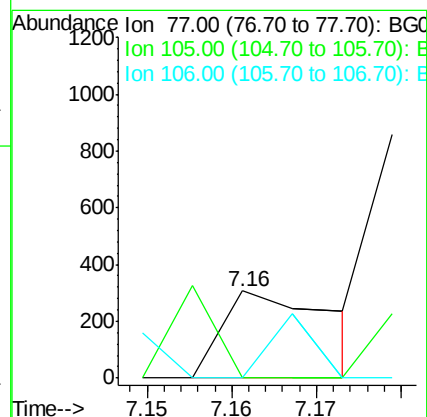
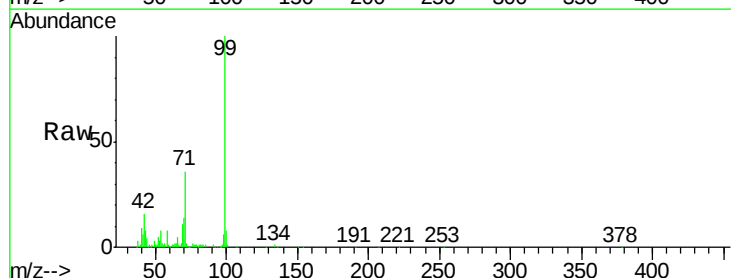
Tgt Ion: 77 Resp: 276

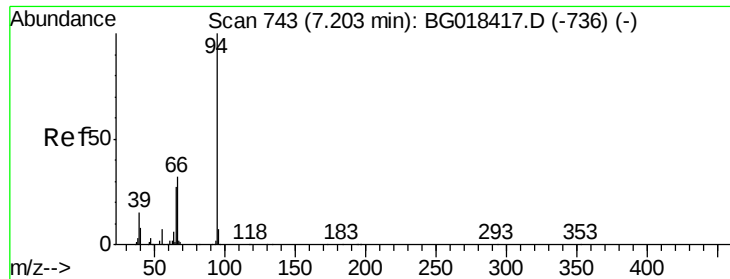
Ion Ratio Lower Upper

77 100

105 0.0 78.2 117.2#

106 0.0 76.8 115.2#





#6

Phenol

Concen: 0.00 ng/ul

RT: 7.15 min Scan# 734

Delta R.T. -0.06 min

Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

Instrument :

BNA_G

ClientSampleId :

MDL-02-W

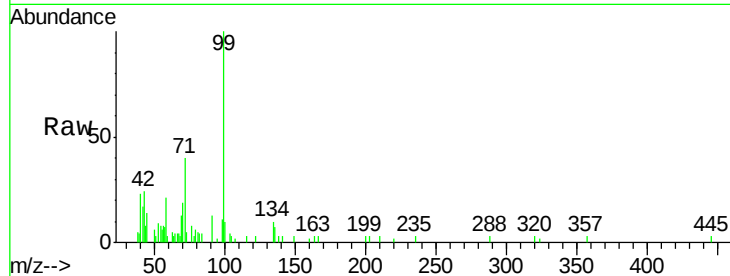
Tgt Ion: 94 Resp: 54

Ion Ratio Lower Upper

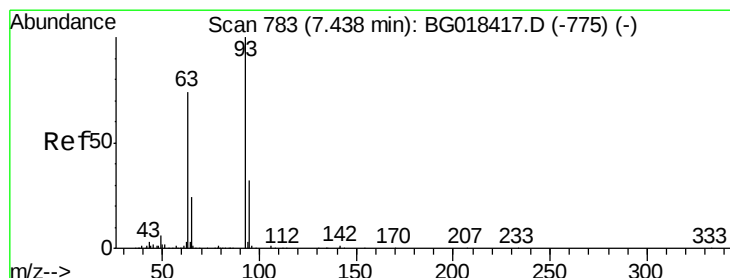
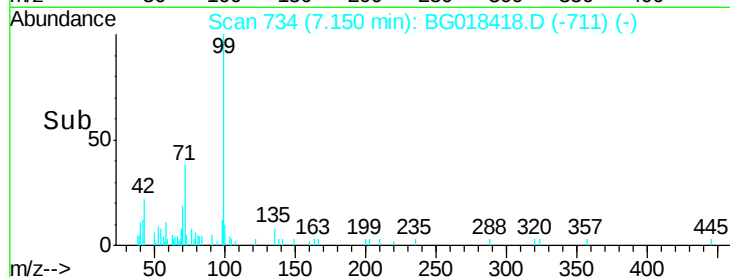
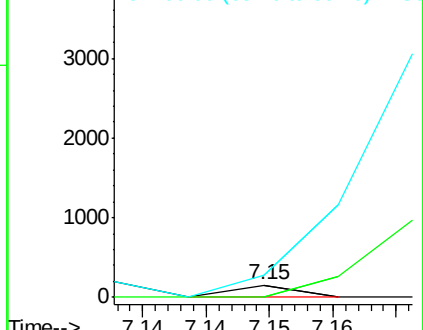
94 100

65 0.0 23.0 34.6#

66 187.5 31.0 46.4#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#8

Bis(2-Chloroethyl)ether

Concen: 0.16 ng/ul

RT: 7.44 min Scan# 783

Delta R.T. 0.00 min

Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

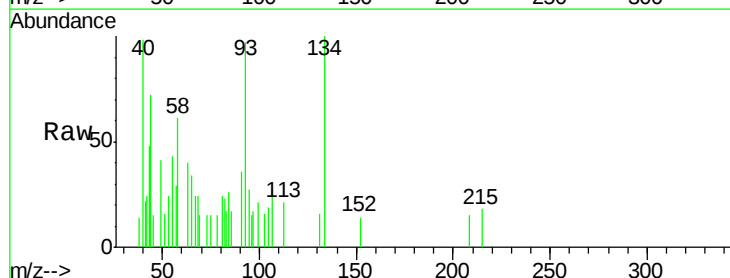
Tgt Ion: 93 Resp: 1459

Ion Ratio Lower Upper

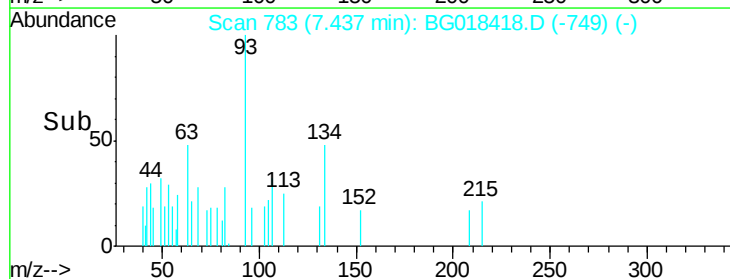
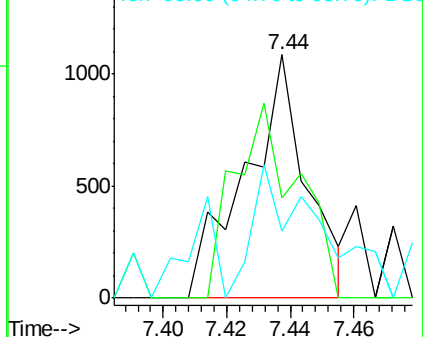
93 100

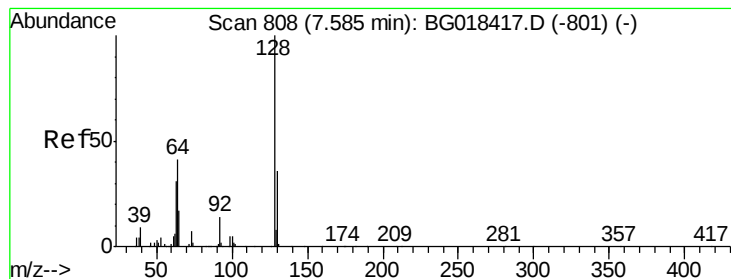
63 41.3 61.4 92.2#

95 42.6 25.9 38.9#



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





#10

2-Chlorophenol

Concen: 0.02 ng/ul

RT: 7.55 min Scan# 802

Delta R.T. -0.04 min

Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

Instrument :

BNA_G

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MDL-02-W

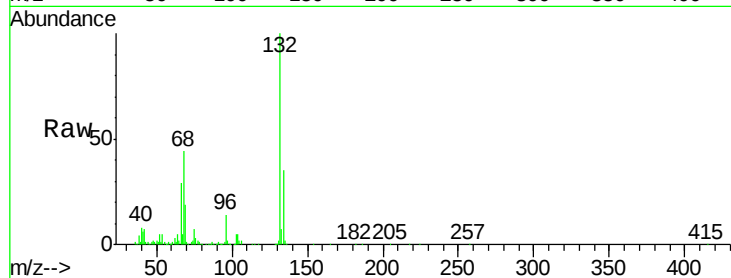
Tgt Ion:128 Resp: 208

Ion Ratio Lower Upper

128 100

64 3398.2 40.9 61.3#

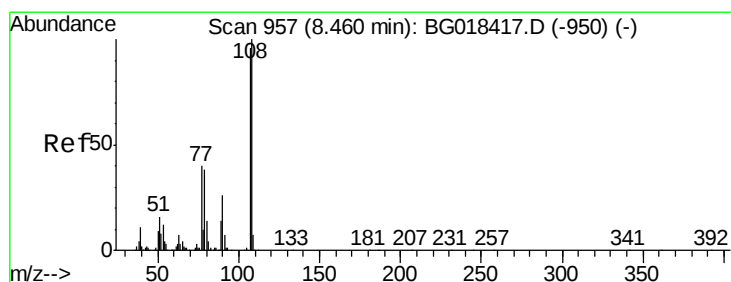
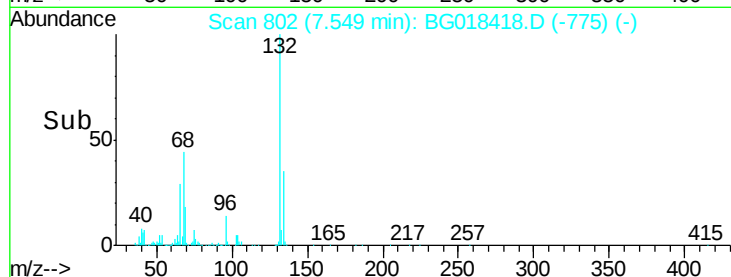
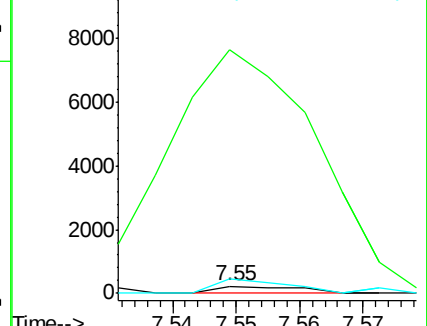
130 193.8 24.5 36.7#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BG018417.D (-801) (-)

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 0.01 ng/ul

RT: 8.50 min Scan# 964

Delta R.T. 0.04 min

Lab File: BG018418.D

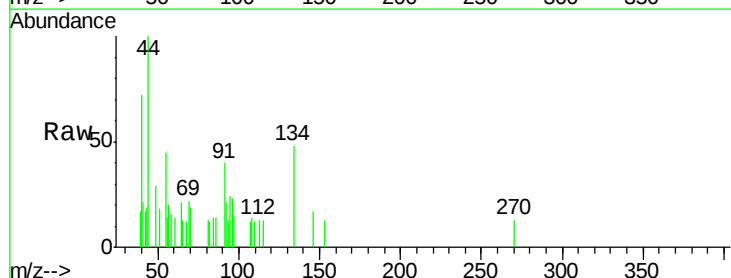
Acq: 13 Aug 2015 4:05

Tgt Ion:108 Resp: 127

Ion Ratio Lower Upper

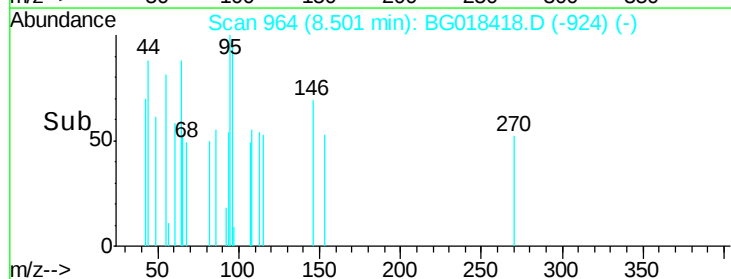
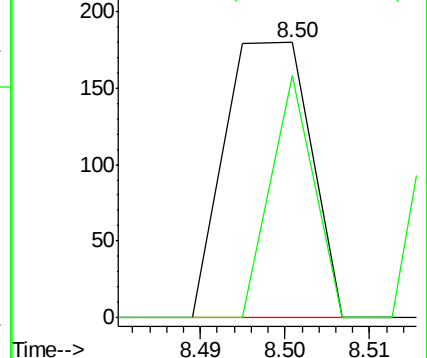
108 100

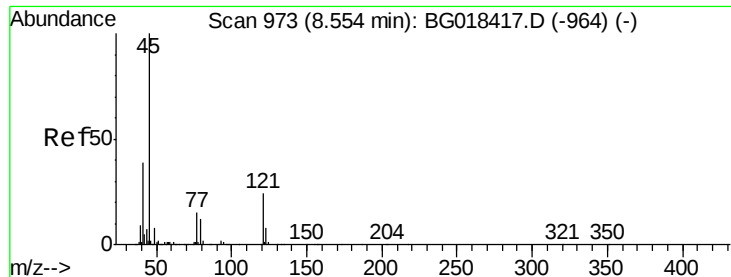
107 87.8 72.1 108.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

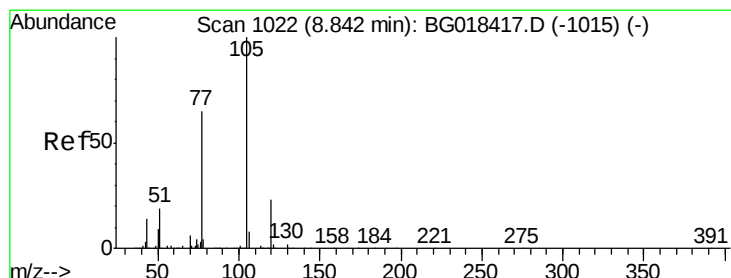
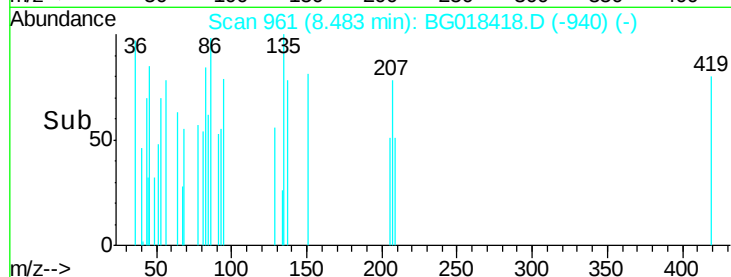
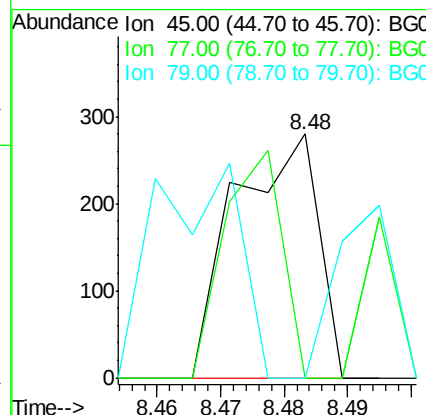
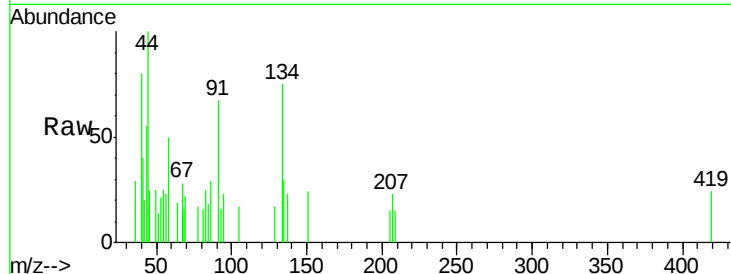




#12
2,2'-oxybis(1-Chloropropane)
Concen: 0.02 ng/ul
RT: 8.48 min Scan# 961
Delta R.T. -0.07 min
Lab File: BG018418.D
Acq: 13 Aug 2015 4:05

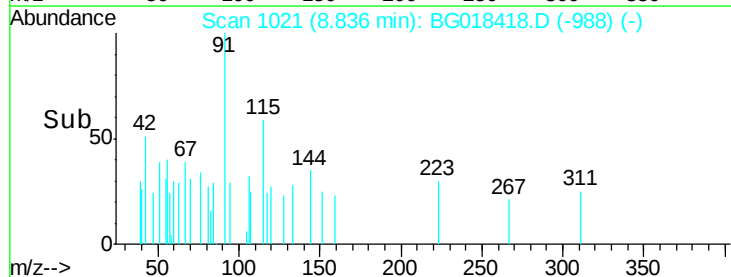
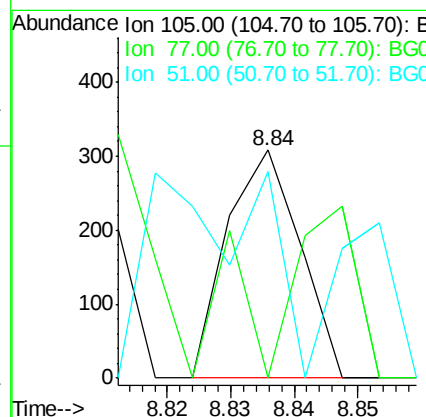
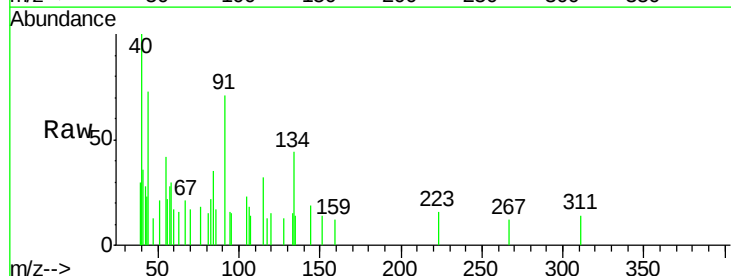
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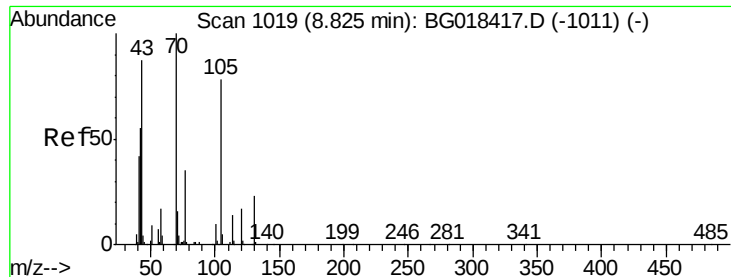
Tgt Ion: 45 Resp: 253
Ion Ratio Lower Upper
45 100
77 67.5 11.3 16.9#
79 0.0 7.8 11.8#



#14
Acetophenone
Concen: 0.02 ng/ul
RT: 8.84 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG018418.D
Acq: 13 Aug 2015 4:05

Tgt Ion: 105 Resp: 244
Ion Ratio Lower Upper
105 100
77 0.0 61.9 92.9#
51 90.6 25.5 38.3#

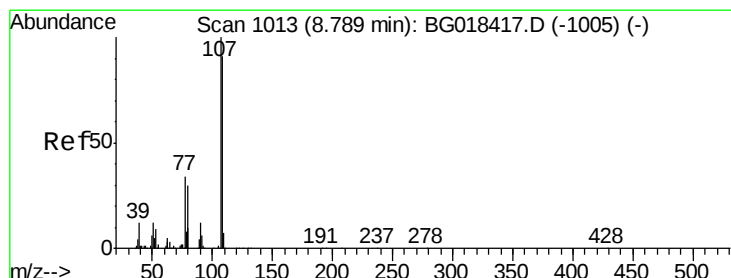
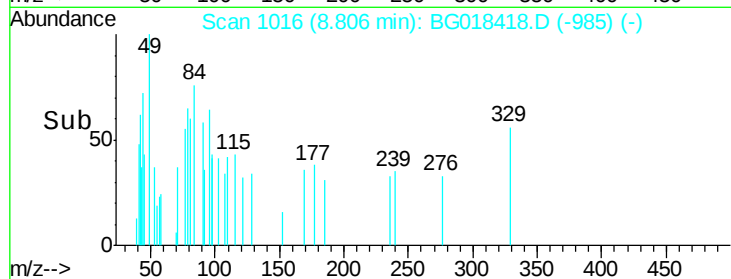
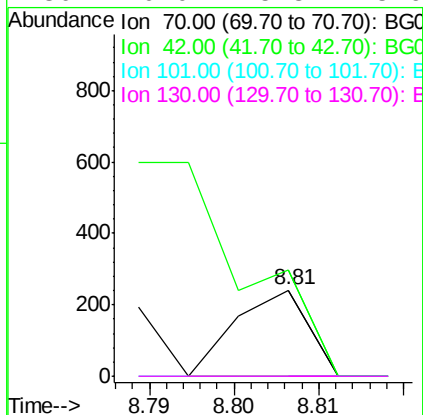
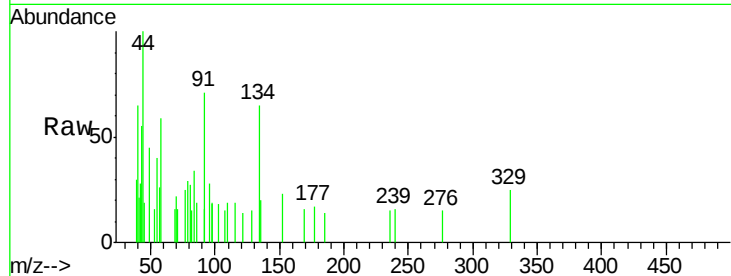




#15
N-Nitroso-di-n-propylamine
Concen: 0.02 ng/ul
RT: 8.81 min Scan# 1016
Delta R.T. -0.02 min
Lab File: BG018418.D
Acq: 13 Aug 2015 4:05

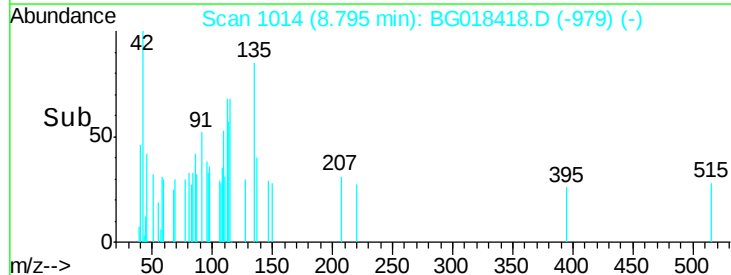
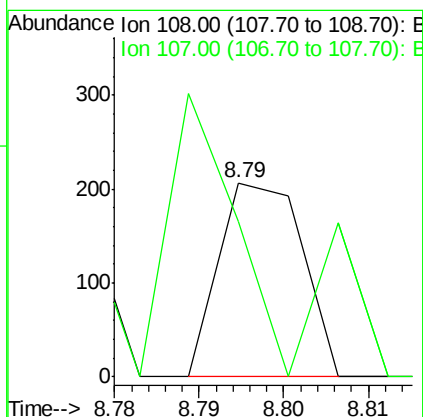
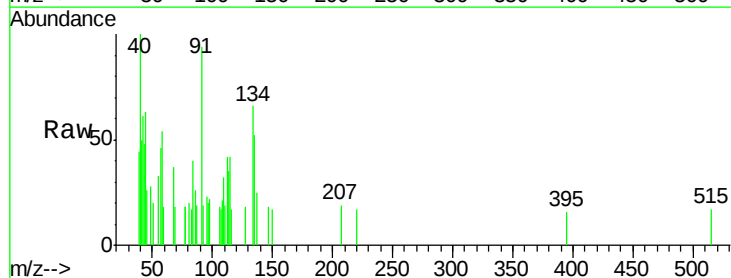
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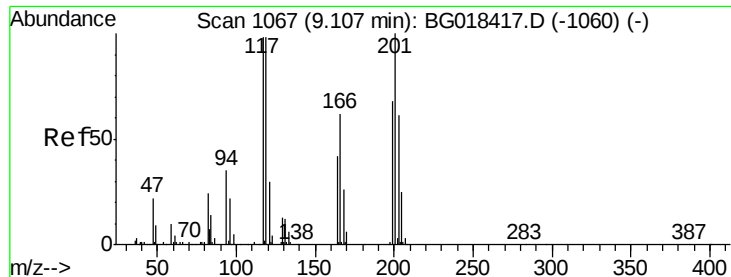
Tgt Ion: 70 Resp: 144
Ion Ratio Lower Upper
70 100
42 124.1 50.7 76.1#
101 0.0 7.4 11.2#
130 0.0 15.8 23.6#



#16
4-Methylphenol
Concen: 0.01 ng/ul
RT: 8.79 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BG018418.D
Acq: 13 Aug 2015 4:05

Tgt Ion: 108 Resp: 141
Ion Ratio Lower Upper
108 100
107 79.7 94.6 142.0#





#17

Hexachloroethane

Concen: 0.05 ng/ul

RT: 8.96 min Scan# 1042

Delta R.T. -0.15 min

Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

Instrument :

BNA_G

ClientSampled :

MDL-02-W

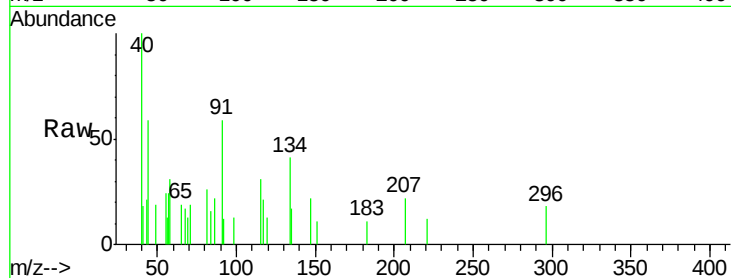
Tgt Ion: 117 Resp: 184

Ion Ratio Lower Upper

117 100

201 0.0 73.6 110.4#

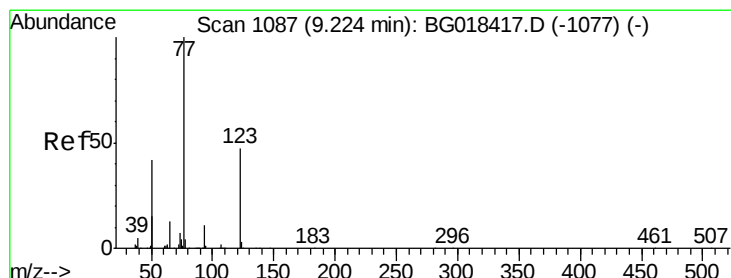
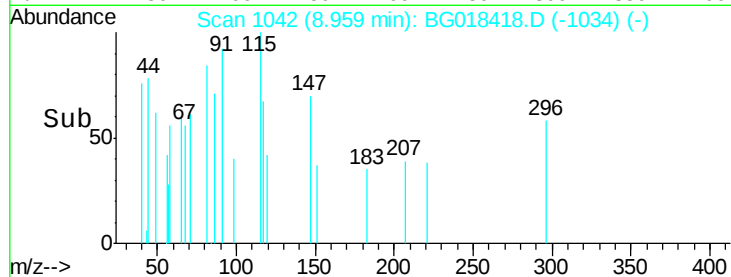
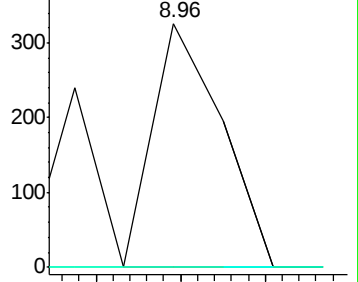
199 0.0 48.6 72.8#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 0.03 ng/ul

RT: 9.21 min Scan# 1084

Delta R.T. -0.02 min

Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

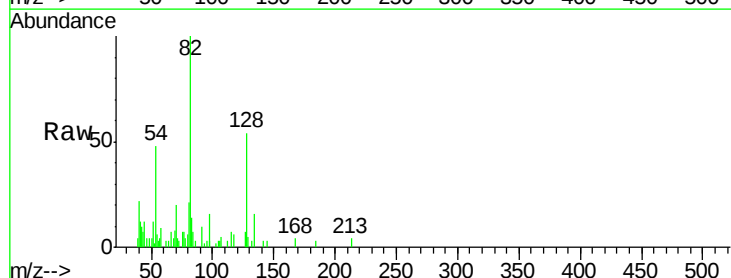
Tgt Ion: 77 Resp: 307

Ion Ratio Lower Upper

77 100

123 0.0 32.8 49.2#

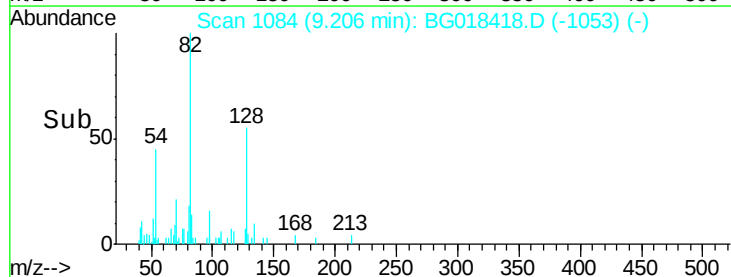
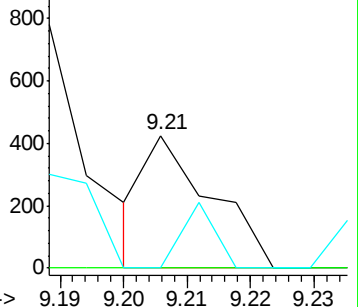
65 0.0 12.2 18.2#

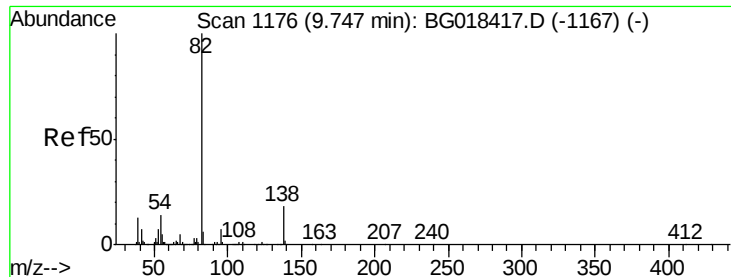


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 0.01 ng/ul

RT: 9.73 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

Instrument :

BNA_G

ClientSampleId :

MDL-02-W

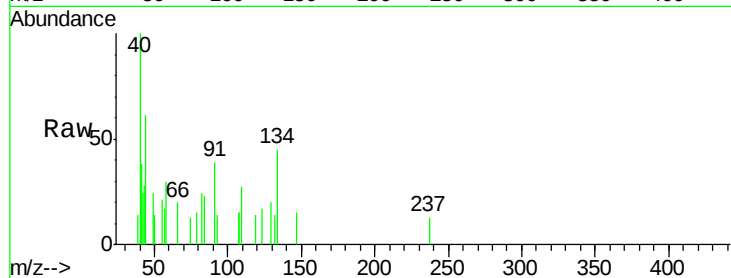
Tgt Ion: 82 Resp: 157

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

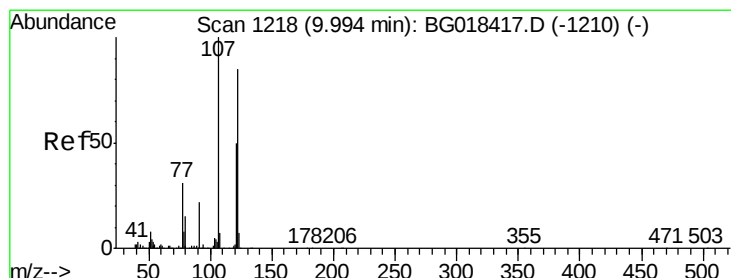
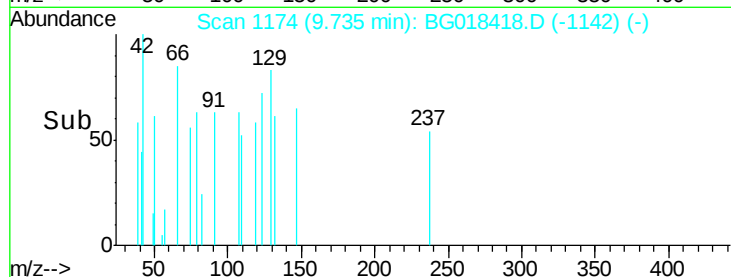
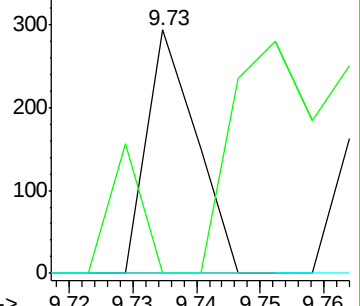
138 0.0 13.8 20.8#



Abundance Ion 82.00 (81.70 to 82.70): BG018417.D (-1167) (-)

Ion 95.00 (94.70 to 95.70): BG018417.D (-1167) (-)

Ion 138.00 (137.70 to 138.70): BG018417.D (-1167) (-)



#24

2,4-Dimethylphenol

Concen: 0.01 ng/ul

RT: 9.99 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

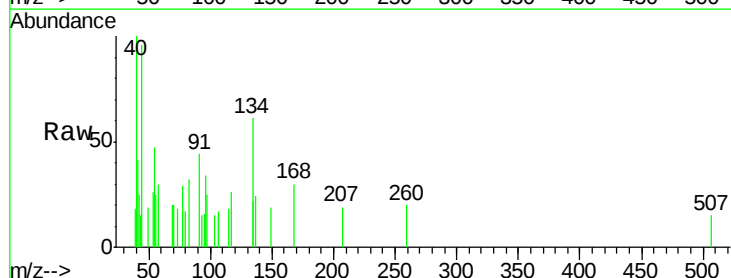
Tgt Ion: 107 Resp: 113

Ion Ratio Lower Upper

107 100

121 0.0 41.3 61.9#

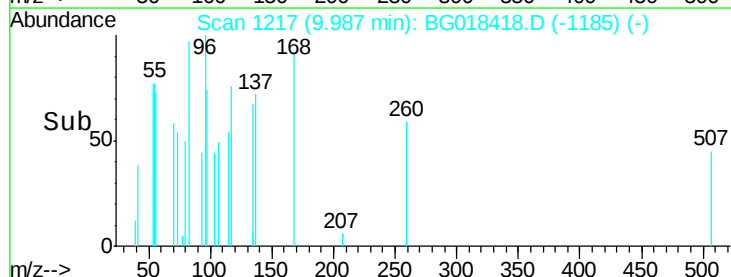
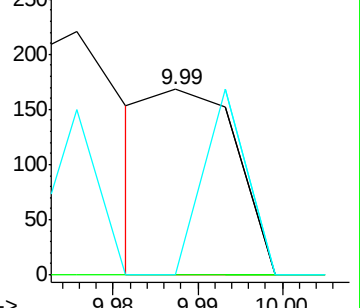
122 0.0 71.9 107.9#

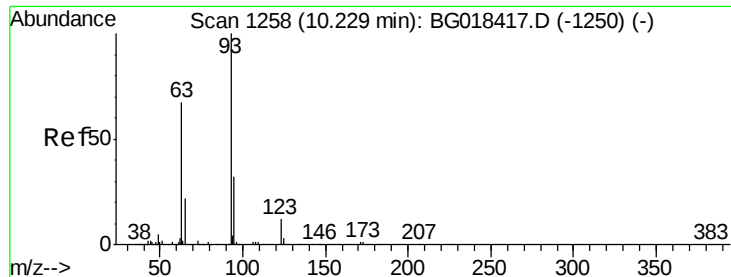


Abundance Ion 107.00 (106.70 to 107.70): BG018417.D (-1210) (-)

Ion 121.00 (120.70 to 121.70): BG018417.D (-1210) (-)

Ion 122.00 (121.70 to 122.70): BG018417.D (-1210) (-)

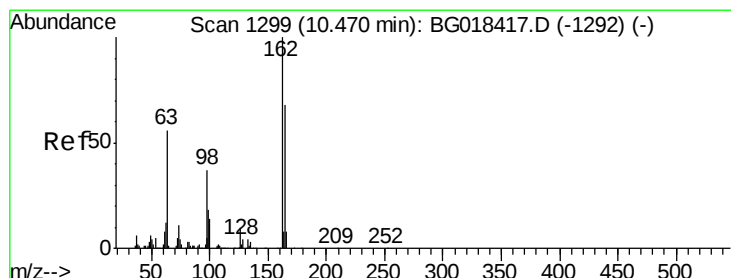
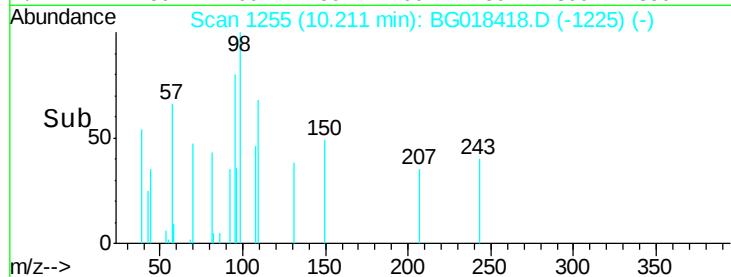
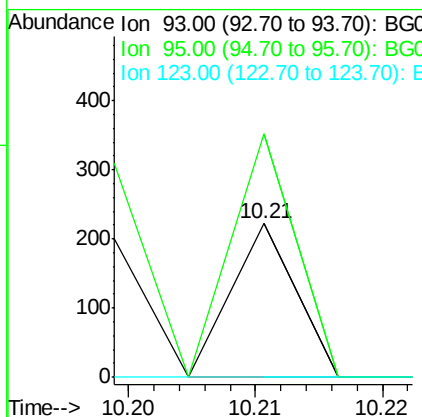
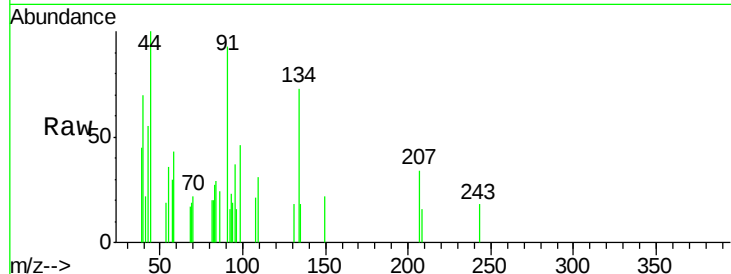




#25
 Bis(2-Chloroethoxy)methane
 Concen: 0.01 ng/ul
 RT: 10.21 min Scan# 1255
 Delta R.T. -0.02 min
 Lab File: BG018418.D
 Acq: 13 Aug 2015 4:05

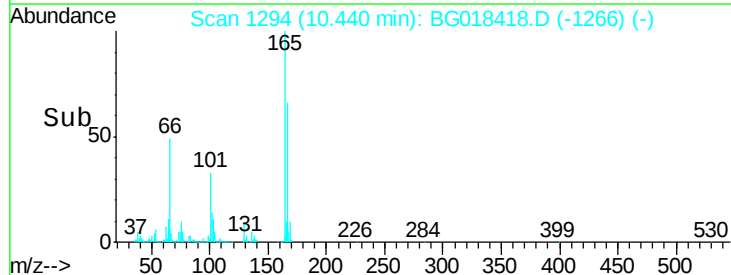
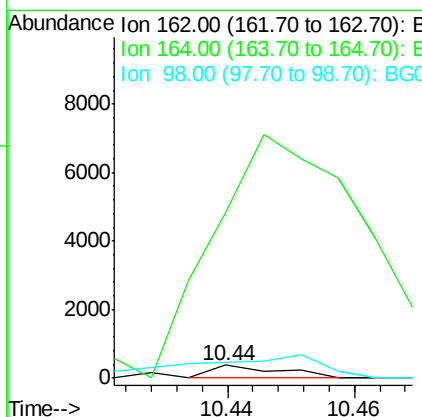
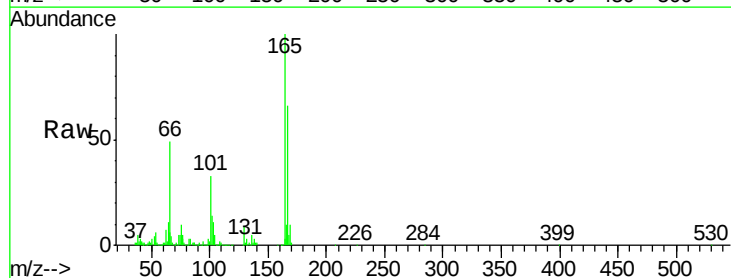
Instrument :
 BNA_G
 ClientSampleId :
 MDL-02-W

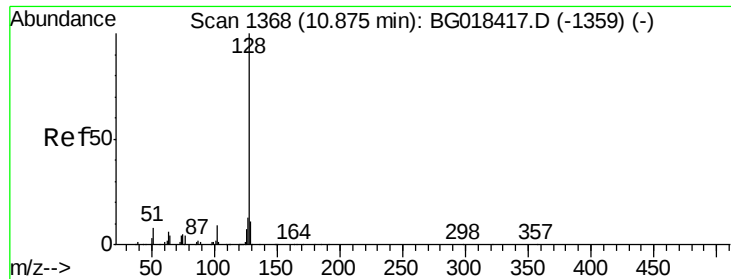
Tgt Ion: 93 Resp: 78
 Ion Ratio Lower Upper
 93 100
 95 158.6 24.1 36.1#
 123 0.0 8.9 13.3#



#27
 2,4-Dichlorophenol
 Concen: 0.03 ng/ul
 RT: 10.44 min Scan# 1294
 Delta R.T. -0.03 min
 Lab File: BG018418.D
 Acq: 13 Aug 2015 4:05

Tgt Ion: 162 Resp: 290
 Ion Ratio Lower Upper
 162 100
 164 1271.9 51.7 77.5#
 98 120.5 30.4 45.6#

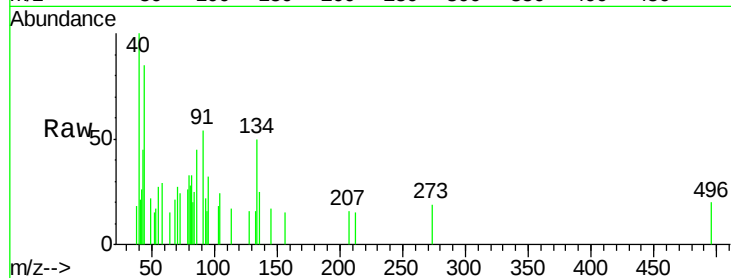




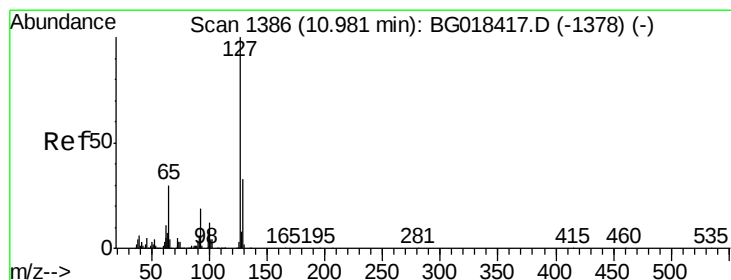
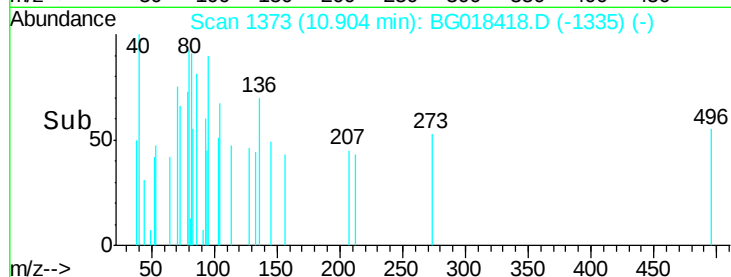
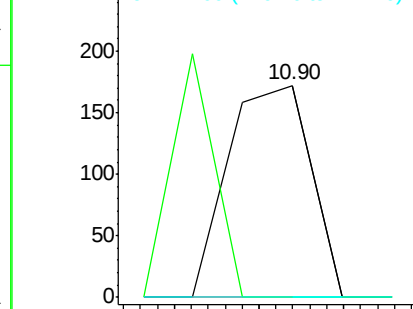
#28
Naphthalene
Concen: 0.00 ng/ul
RT: 10.90 min Scan# 1373
Delta R.T. 0.03 min
Lab File: BG018418.D
Acq: 13 Aug 2015 4:05

Instrument :
BNA_G
ClientSampleId :
MDL-02-W

Tgt Ion:128 Resp: 116
Ion Ratio Lower Upper
128 100
129 0.0 9.6 14.4#
127 100.0 10.5 15.7#

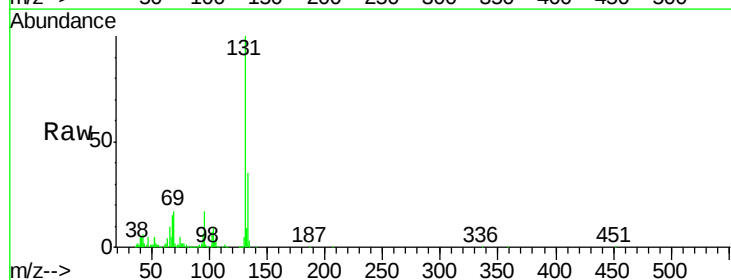


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

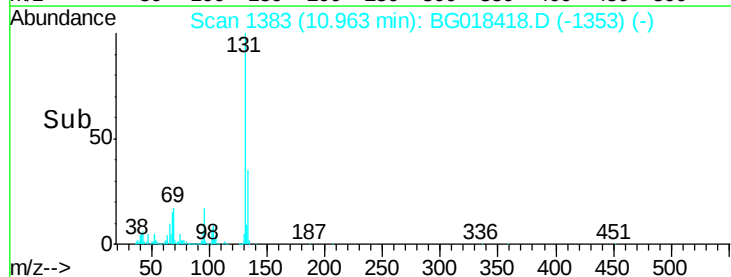
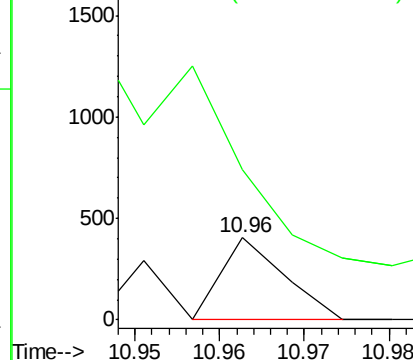


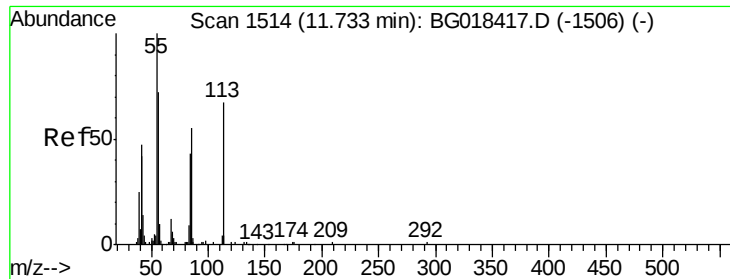
#30
4-Chloroaniline
Concen: 0.02 ng/ul
RT: 10.96 min Scan# 1383
Delta R.T. -0.02 min
Lab File: BG018418.D
Acq: 13 Aug 2015 4:05

Tgt Ion:127 Resp: 207
Ion Ratio Lower Upper
127 100
129 183.5 26.7 40.1#



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





#32

Caprolactam

Concen: 0.02 ng/ul

RT: 11.74 min Scan# 1516

Delta R.T. 0.01 min

Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

Instrument :

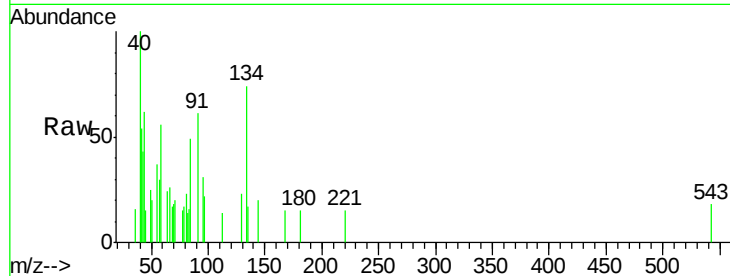
BNA_G

ClientSampleId :

MDL-02-W

Tgt Ion:113 Resp: 54

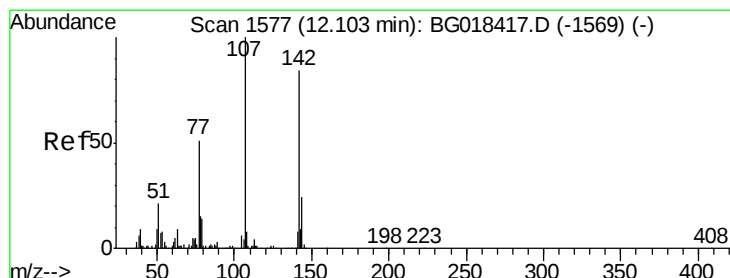
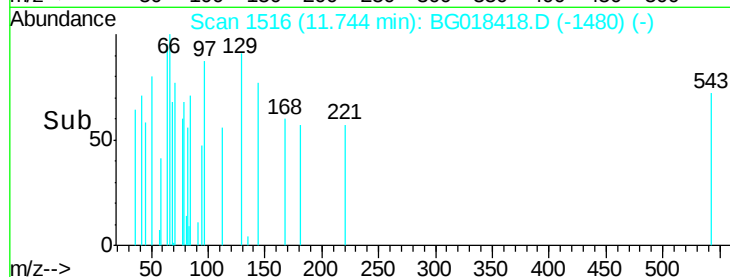
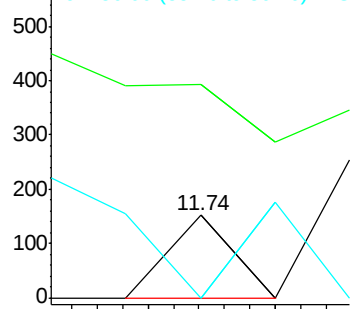
Ion	Ratio	Lower	Upper
113	100		
55	258.6	124.2	186.4#
56	0.0	98.2	147.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#33

4-Chloro-3-methylphenol

Concen: 0.01 ng/ul

RT: 12.10 min Scan# 1576

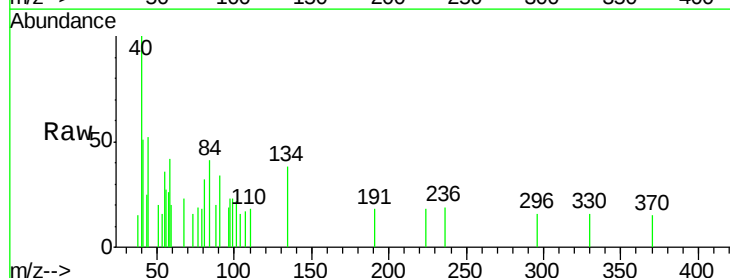
Delta R.T. -0.01 min

Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

Tgt Ion:107 Resp: 118

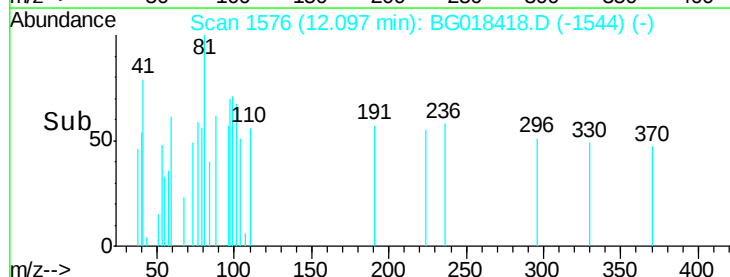
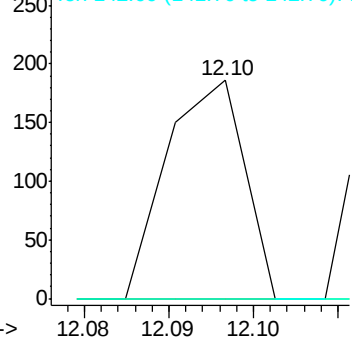
Ion	Ratio	Lower	Upper
107	100		
144	0.0	21.4	32.2#
142	0.0	66.0	99.0#

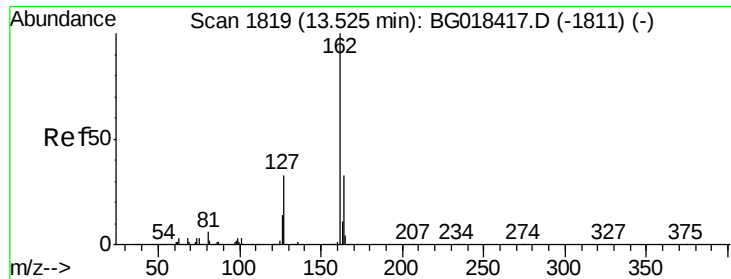


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

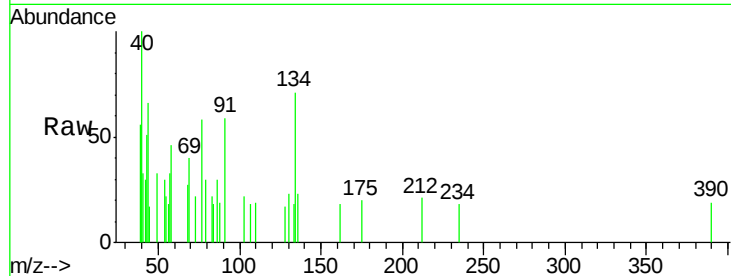




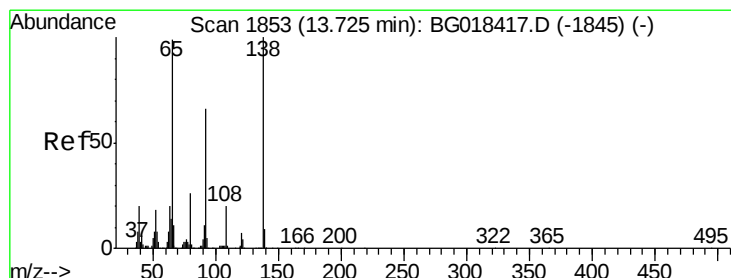
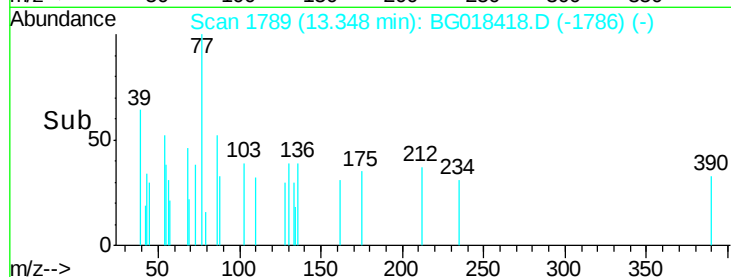
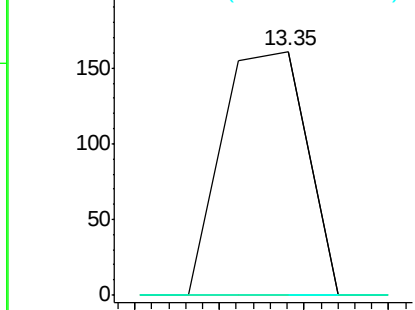
#42
2-Chloronaphthalene
Concen: 0.00 ng/ul
RT: 13.35 min Scan# 1789
Delta R.T. -0.18 min
Lab File: BG018418.D
Acq: 13 Aug 2015 4:05

Instrument :
BNA_G
ClientSampleId :
MDL-02-W

Tgt Ion: 162 Resp: 111
Ion Ratio Lower Upper
162 100
164 0.0 24.8 37.2#
127 0.0 30.3 45.5#

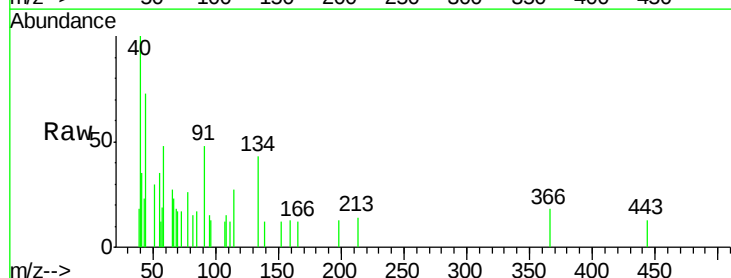


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

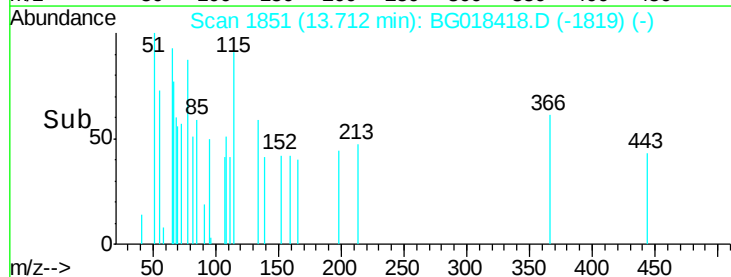
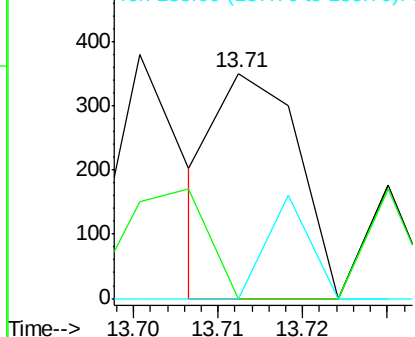


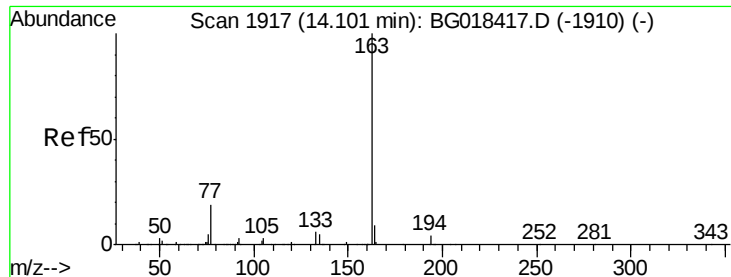
#43
2-Nitroaniline
Concen: 0.03 ng/ul
RT: 13.71 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG018418.D
Acq: 13 Aug 2015 4:05

Tgt Ion: 65 Resp: 230
Ion Ratio Lower Upper
65 100
92 0.0 51.1 76.7#
138 0.0 75.1 112.7#



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





#45

Dimethylphthalate

Concen: 0.00 ng/ul

RT: 14.08 min Scan# 1914

Delta R.T. -0.02 min

Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

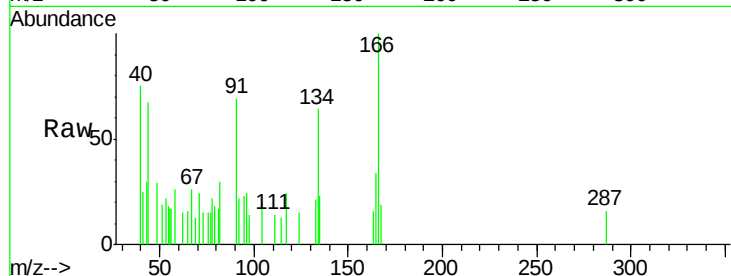
Instrument :

BNA_G

ClientSampleId :

MDL-02-W

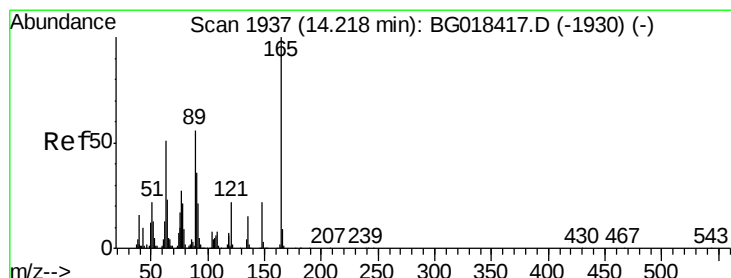
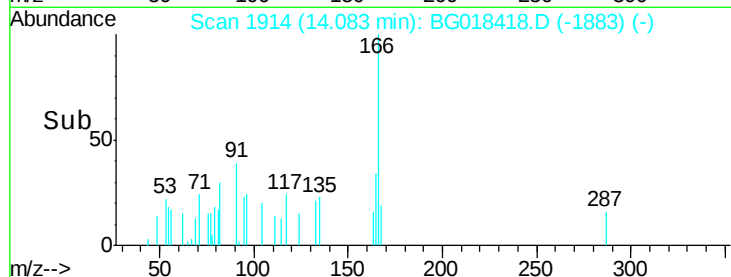
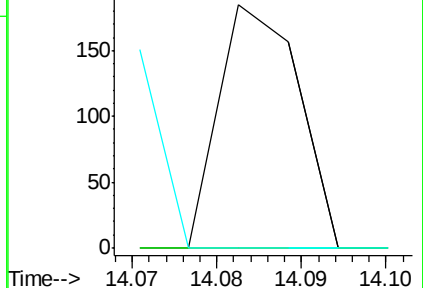
Tgt Ion:	163	Resp:	121
Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.9	4.3#
164	0.0	7.7	11.5#



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



#46

2,6-Dinitrotoluene

Concen: 0.04 ng/ul

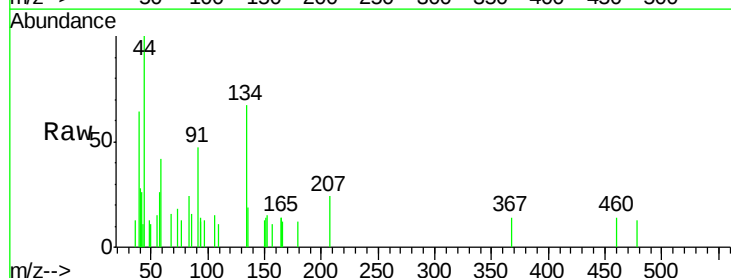
RT: 14.14 min Scan# 1923

Delta R.T. -0.09 min

Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

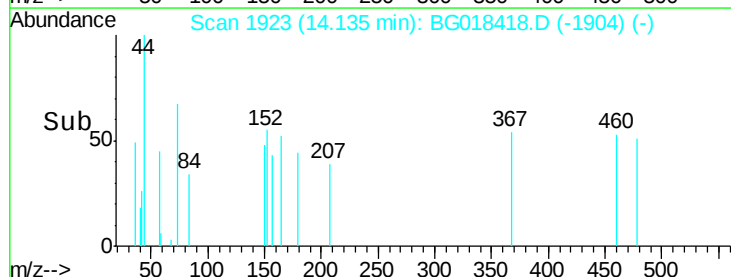
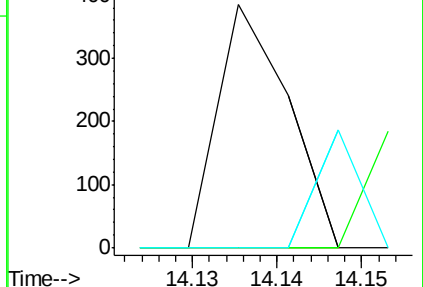
Tgt Ion:	165	Resp:	221
Ion	Ratio	Lower	Upper
165	100		
89	0.0	50.2	75.2#
121	0.0	19.4	29.2#

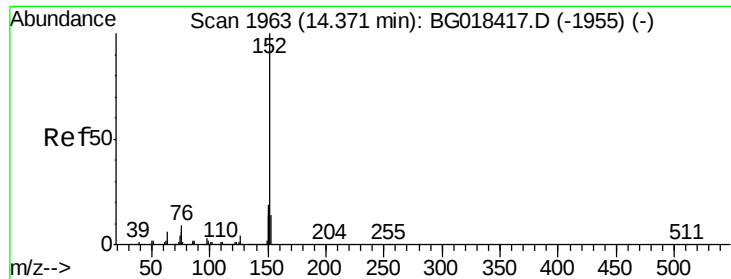


Abundance Ion 165.00 (164.70 to 165.70): E

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: BG018418.D

Acq: 13 Aug 2015 4:05

Instrument :

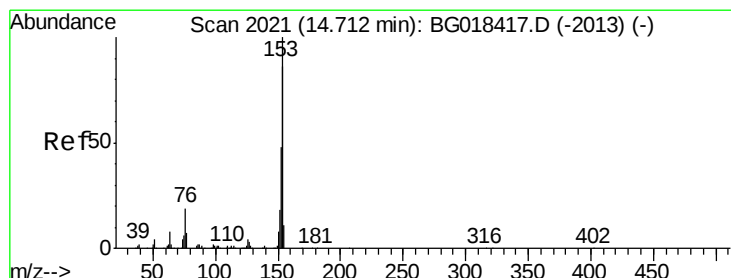
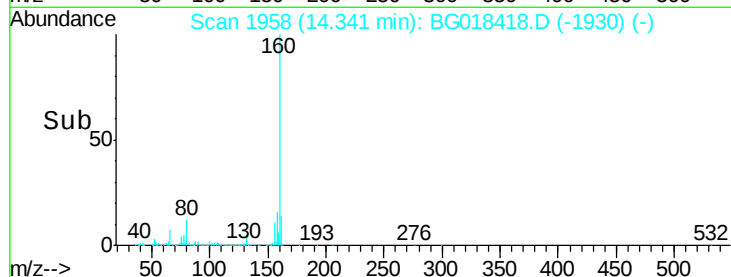
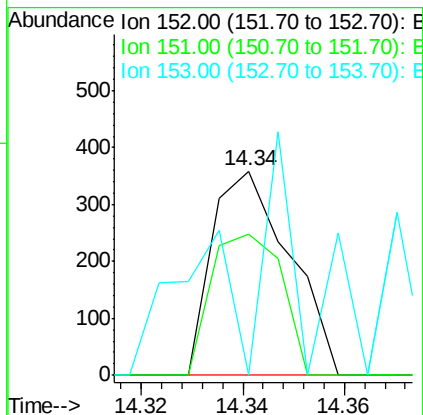
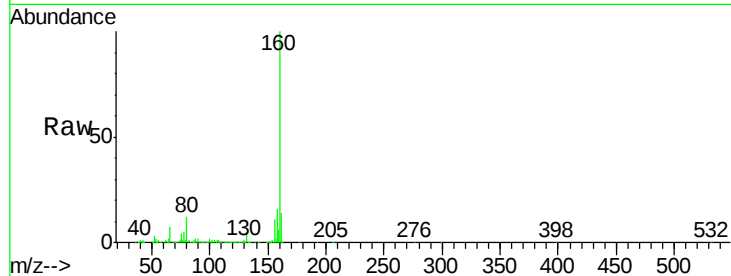
BNA_G

ClientSampled :

MDL-02-W

Tgt Ion:152 Resp: 380

Ion	Ratio	Lower	Upper
152	100		
151	69.4	15.4	23.2#
153	0.0	10.8	16.2#



#50

Acenaphthene

Concen: 0.01 ng/ul

RT: 14.65 min Scan# 2011

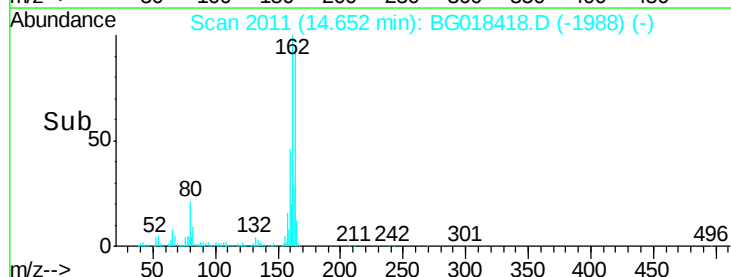
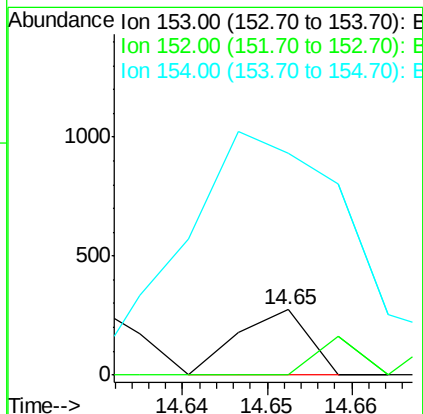
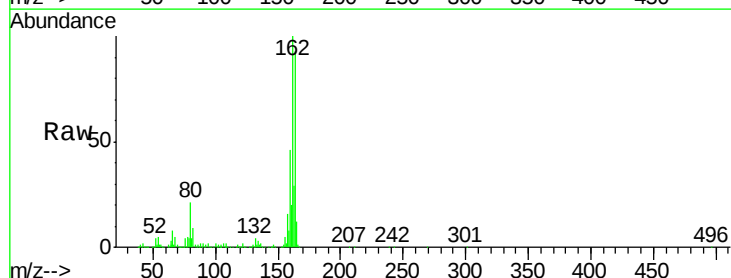
Delta R.T. -0.06 min

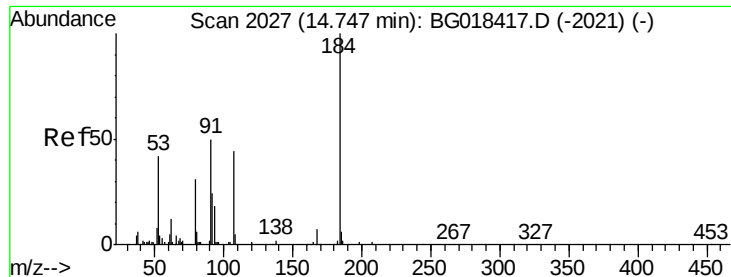
Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

Tgt Ion:153 Resp: 159

Ion	Ratio	Lower	Upper
153	100		
152	0.0	38.2	57.4#
154	339.8	68.6	103.0#

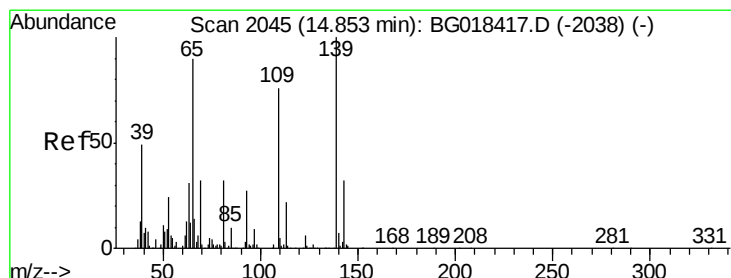
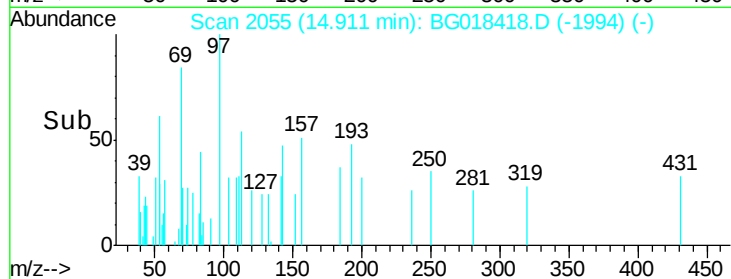
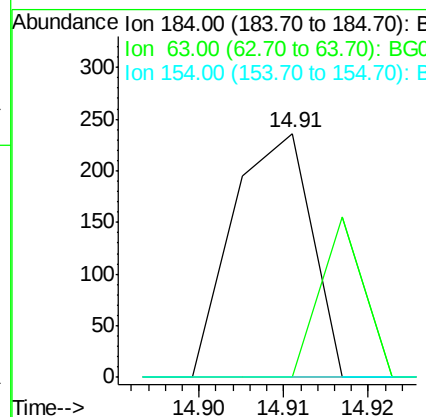
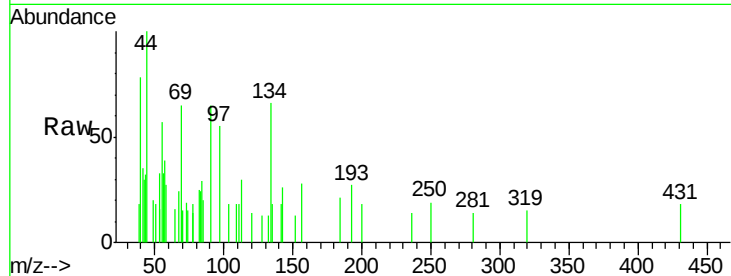




#51
 2,4-Dinitrophenol
 Concen: 0.05 ng/ul
 RT: 14.91 min Scan# 2055
 Delta R.T. 0.16 min
 Lab File: BG018418.D
 Acq: 13 Aug 2015 4:05

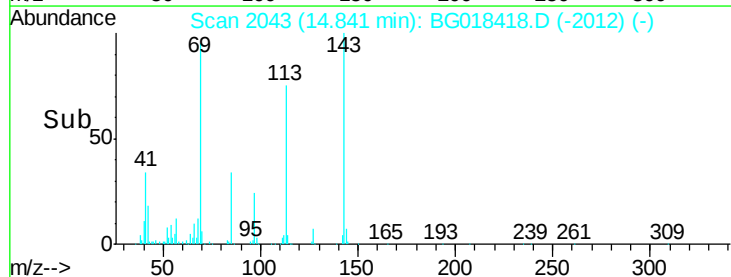
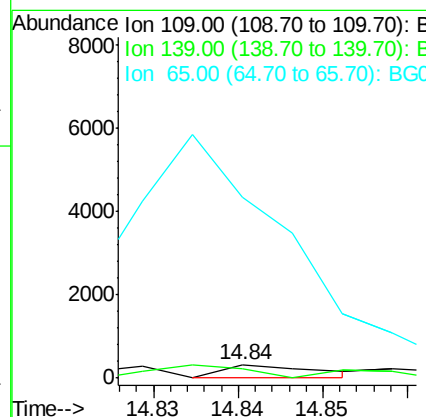
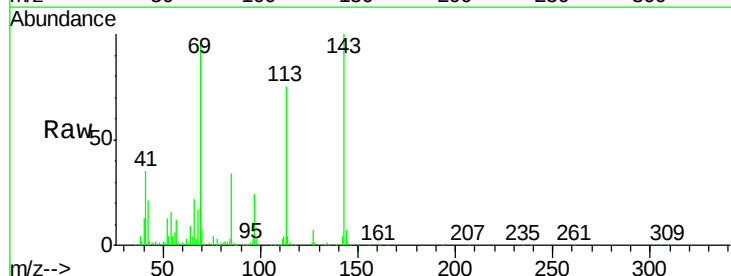
Instrument :
 BNA_G
 ClientSampleId :
 MDL-02-W

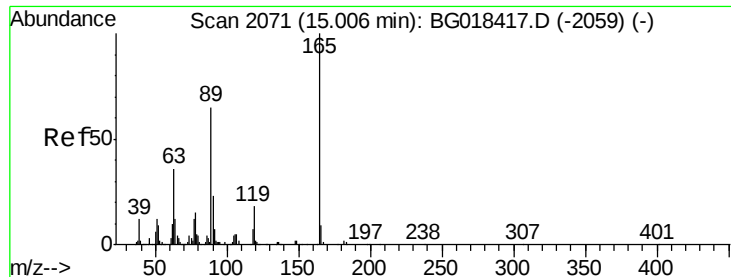
Tgt Ion:184 Resp: 152
 Ion Ratio Lower Upper
 184 100
 63 0.0 55.3 82.9#
 154 0.0 58.2 87.2#



#53
 4-Nitrophenol
 Concen: 0.05 ng/ul
 RT: 14.84 min Scan# 2043
 Delta R.T. -0.02 min
 Lab File: BG018418.D
 Acq: 13 Aug 2015 4:05

Tgt Ion:109 Resp: 258
 Ion Ratio Lower Upper
 109 100
 139 37.3 111.3 166.9#
 65 765.7 105.3 157.9#





#55

2,4-Dinitrotoluene

Concen: 0.01 ng/ul

RT: 14.86 min Scan# 2047

Delta R.T. -0.14 min

Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

Instrument :

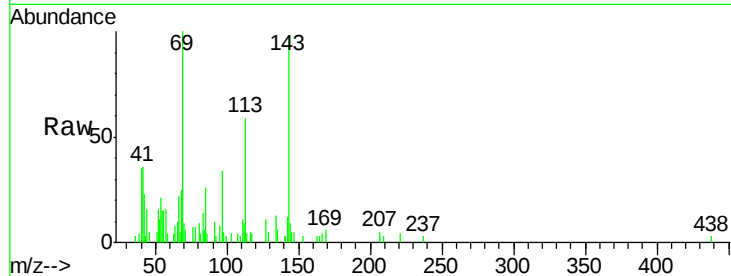
BNA_G

ClientSampleId :

MDL-02-W

Tgt Ion:165 Resp: 57

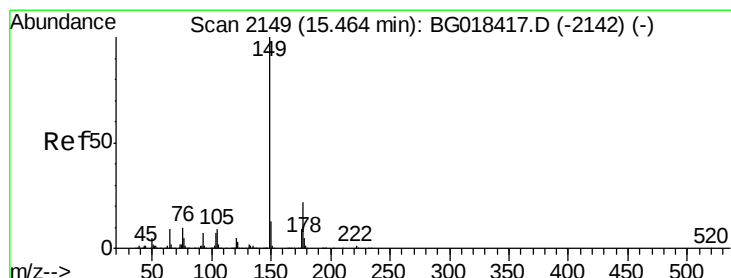
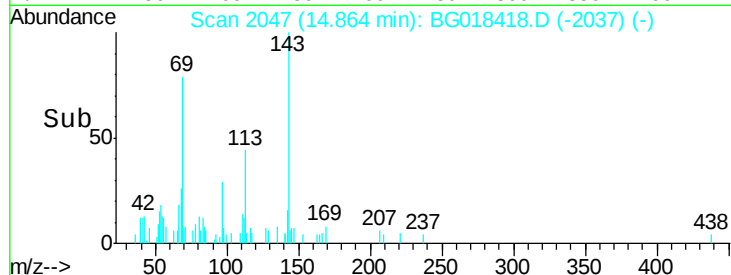
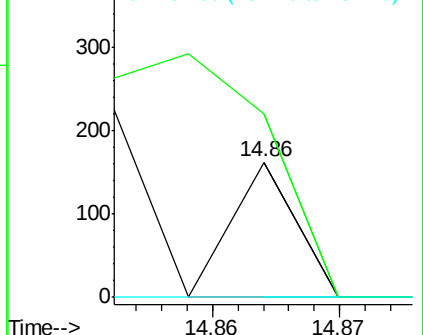
Ion	Ratio	Lower	Upper
165	100		
63	136.4	36.7	55.1#
182	0.0	2.2	3.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E



#57

Diethylphthalate

Concen: 0.09 ng/ul

RT: 15.45 min Scan# 2147

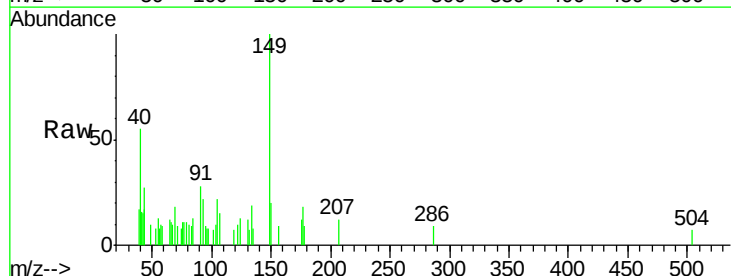
Delta R.T. -0.01 min

Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

Tgt Ion:149 Resp: 3093

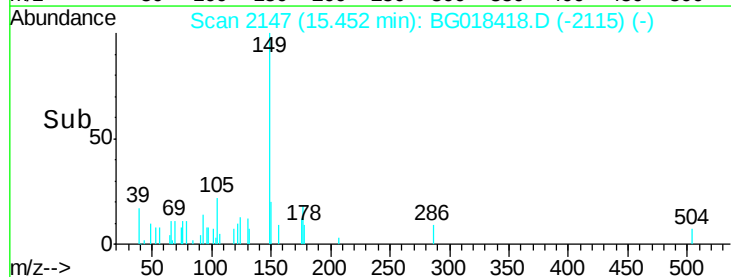
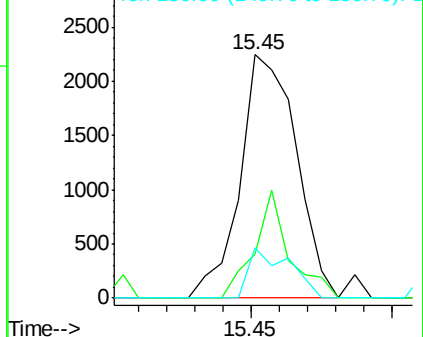
Ion	Ratio	Lower	Upper
149	100		
177	18.1	18.2	27.4#
150	20.5	9.7	14.5#

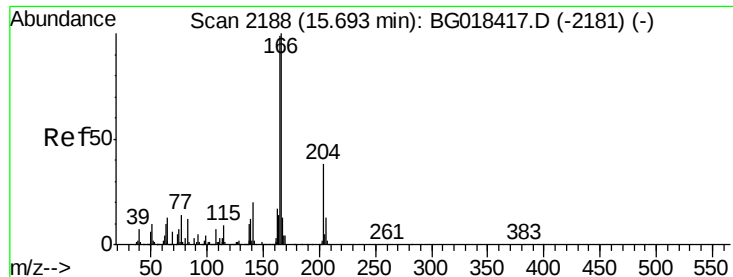


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 0.06 ng/ul

RT: 15.64 min Scan# 2179

Delta R.T. -0.06 min

Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

Instrument :

BNA_G

ClientSampleId :

MDL-02-W

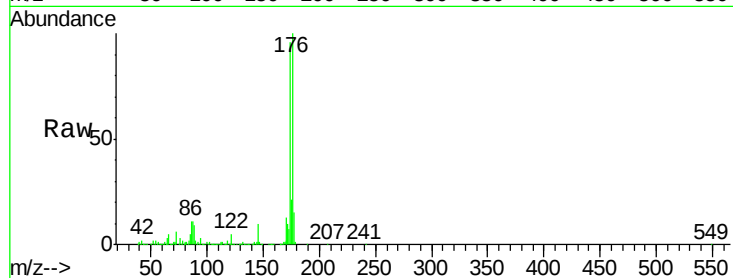
Tgt Ion:166 Resp: 1986

Ion Ratio Lower Upper

166 100

165 14.2 82.6 124.0#

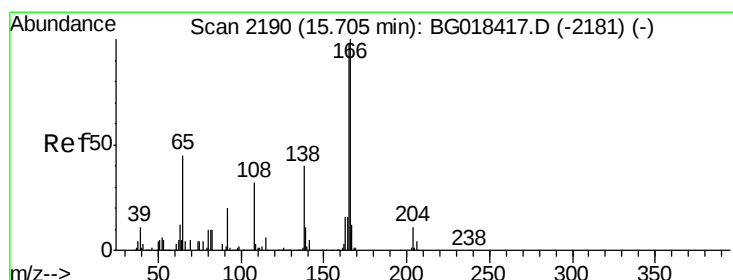
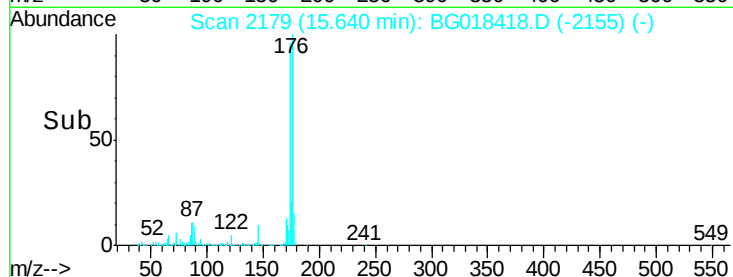
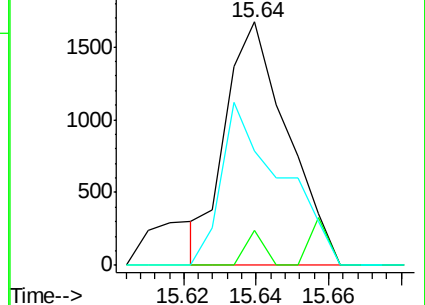
167 47.1 11.4 17.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#61

4-Nitroaniline

Concen: 0.17 ng/ul

RT: 15.75 min Scan# 2198

Delta R.T. 0.04 min

Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

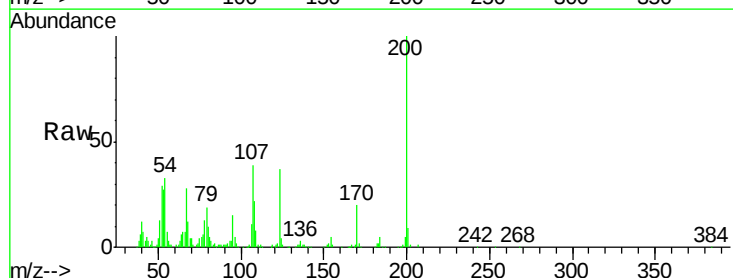
Tgt Ion:138 Resp: 1197

Ion Ratio Lower Upper

138 100

92 182.0 44.0 66.0#

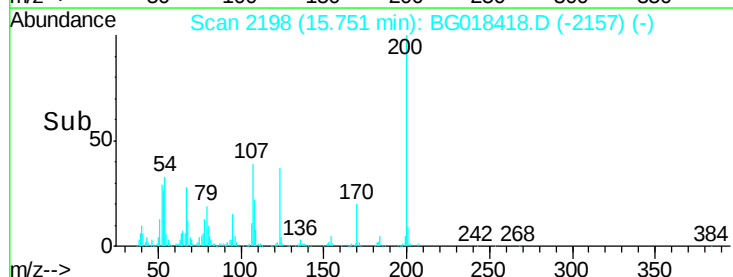
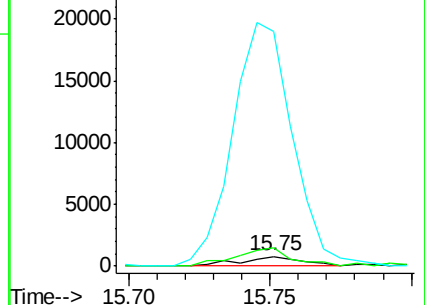
108 2380.0 64.6 97.0#

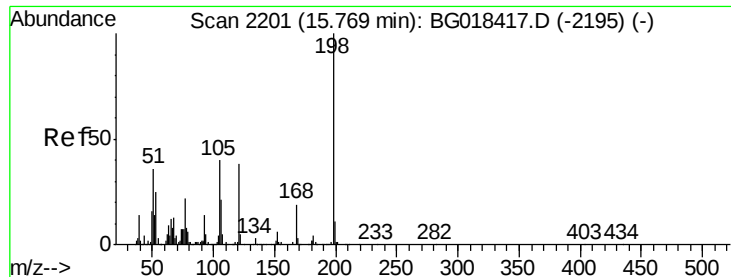


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

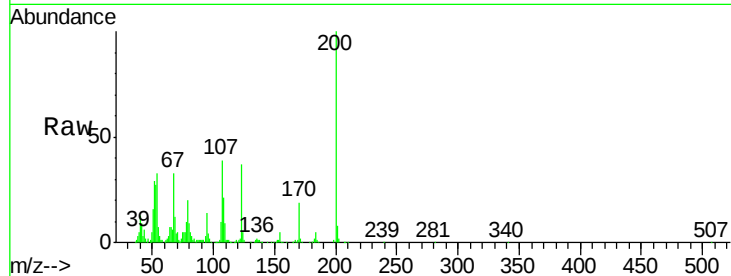




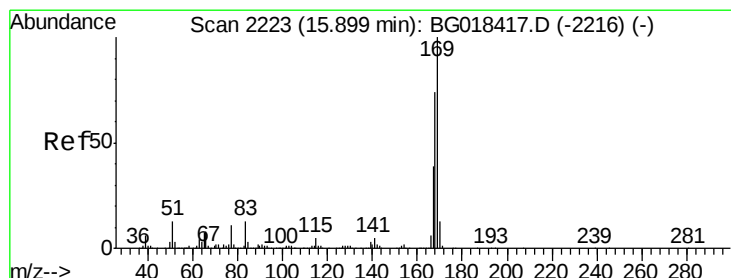
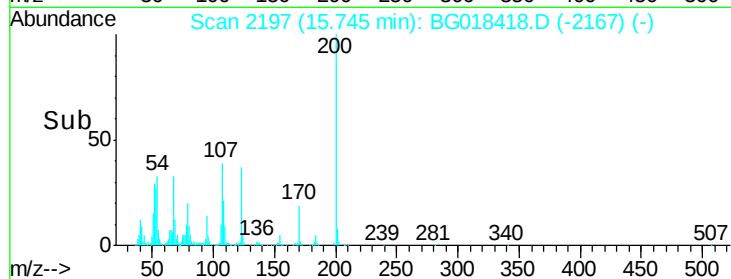
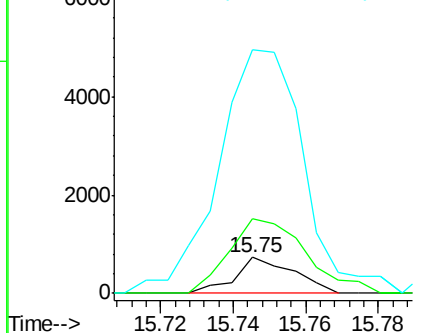
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.17 ng/ul
 RT: 15.75 min Scan# 2197
 Delta R.T. -0.02 min
 Lab File: BG018418.D
 Acq: 13 Aug 2015 4:05

Instrument :
 BNA_G
 ClientSampleId :
 MDL-02-W

Tgt Ion:198 Resp: 822
 Ion Ratio Lower Upper
 198 100
 182 208.8 3.4 5.0#
 77 678.0 22.4 33.6#

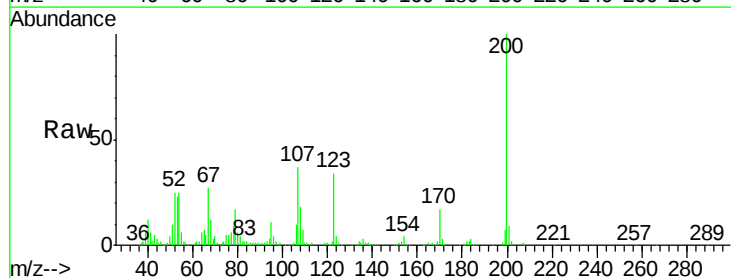


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): B

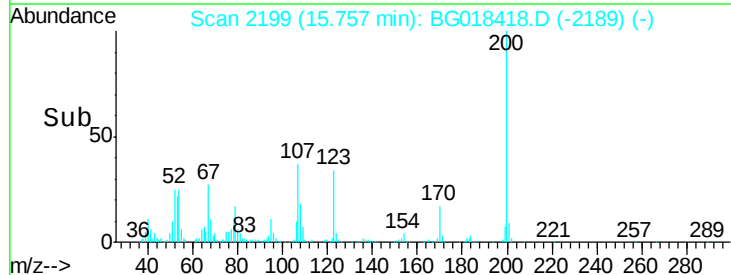
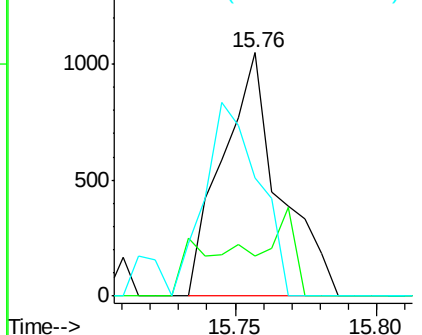


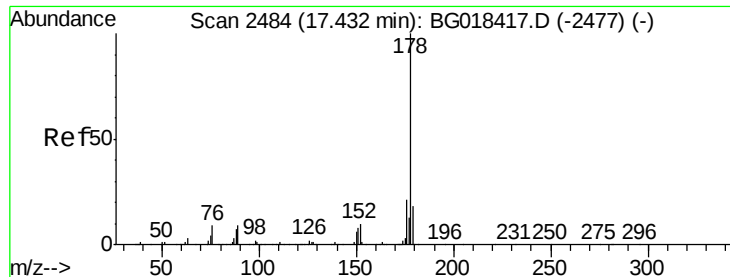
#65
 N-Nitrosodiphenylamine
 Concen: 0.05 ng/ul
 RT: 15.76 min Scan# 2199
 Delta R.T. -0.14 min
 Lab File: BG018418.D
 Acq: 13 Aug 2015 4:05

Tgt Ion:169 Resp: 1473
 Ion Ratio Lower Upper
 169 100
 168 16.6 60.2 90.2#
 167 48.4 33.4 50.2



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





#70

Phenanthrene

Concen: 0.01 ng/ul

RT: 17.39 min Scan# 2477

Delta R.T. -0.04 min

Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

Instrument :

BNA_G

ClientSampleId :

MDL-02-W

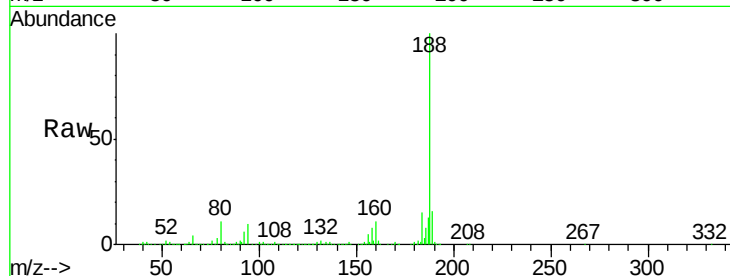
Tgt Ion:178 Resp: 554

Ion Ratio Lower Upper

178 100

179 86.3 13.7 20.5#

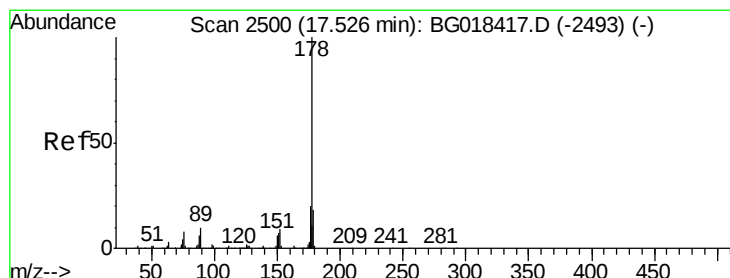
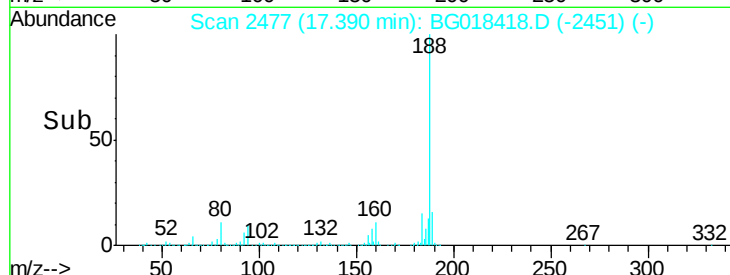
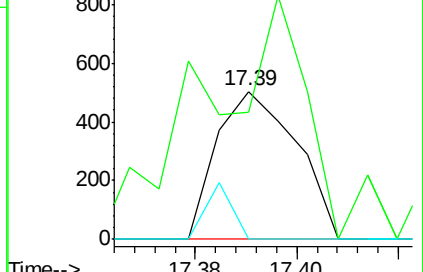
176 0.0 16.6 24.8#



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: 0.01 ng/ul

RT: 17.50 min Scan# 2496

Delta R.T. -0.03 min

Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

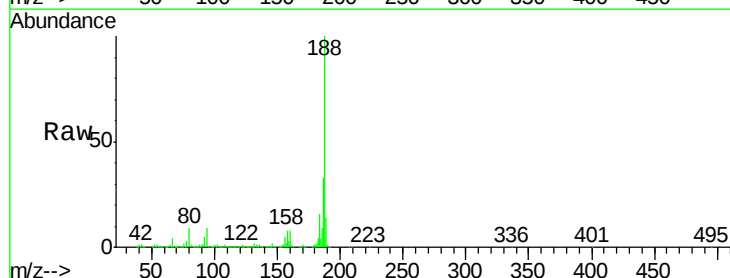
Tgt Ion:178 Resp: 404

Ion Ratio Lower Upper

178 100

179 137.5 13.0 19.4#

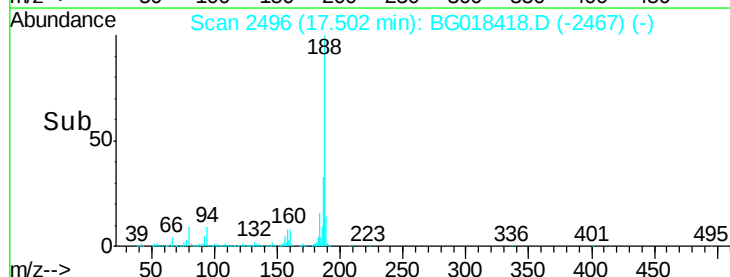
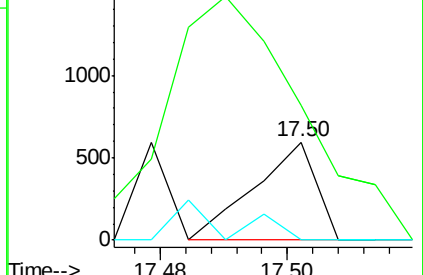
176 0.0 16.0 24.0#

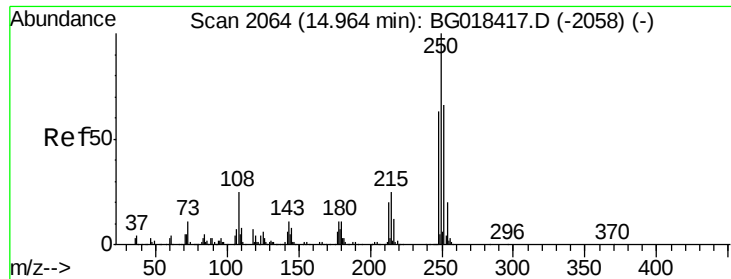


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Pentachlorobenzene

Concen: 0.01 ng/uL

RT: 14.81 min Scan# 2038

Delta R.T. -0.16 min

Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

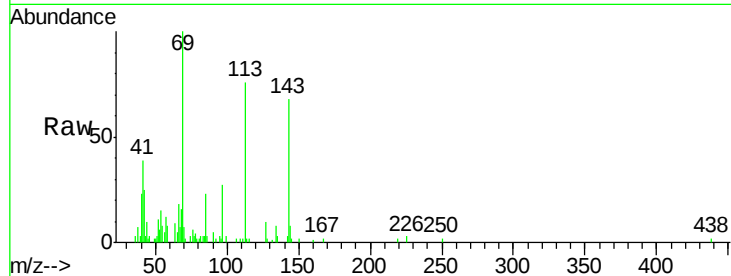
Instrument :

BNA_G

ClientSampleId :

MDL-02-W

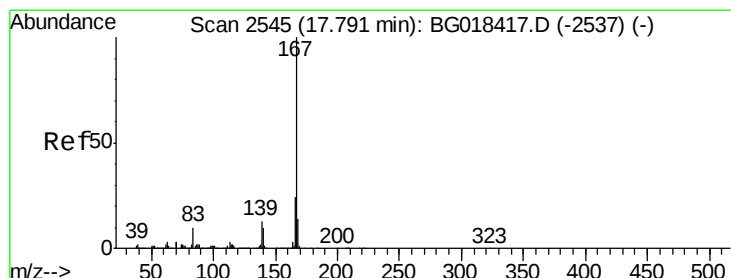
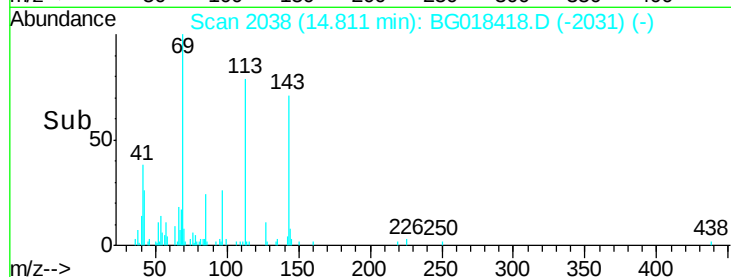
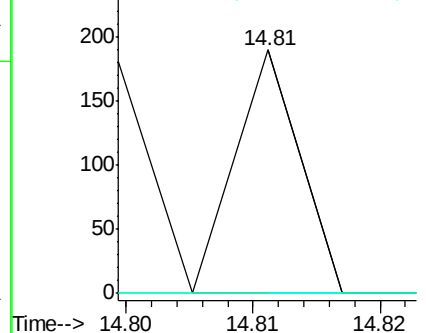
Tgt Ion:	250	Resp:	67
Ion Ratio	Lower	Upper	
250	100		
248	0.0	45.8	68.8#
252	0.0	50.4	75.6#



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E



#75

Carbazole

Concen: 0.00 ng/uL

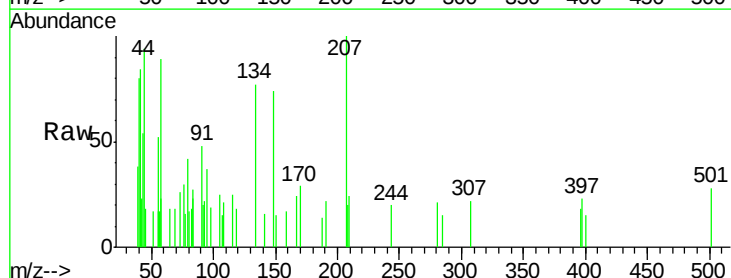
RT: 17.68 min Scan# 2526

Delta R.T. -0.12 min

Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

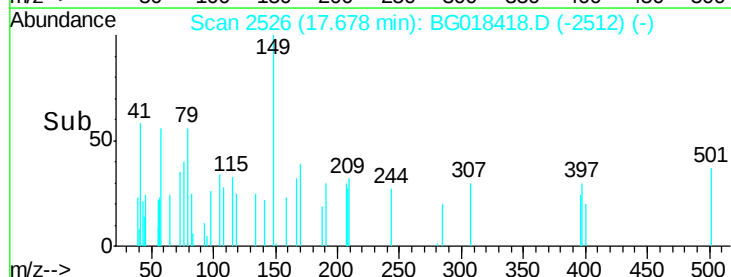
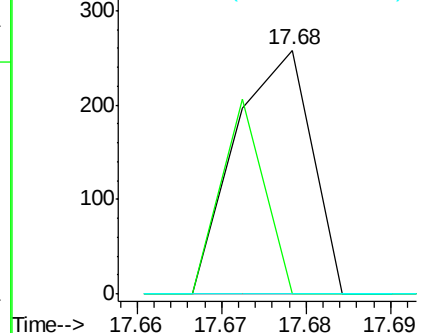
Tgt Ion:	167	Resp:	160
Ion Ratio	Lower	Upper	
167	100		
166	100.0	18.9	28.3#
139	0.0	10.1	15.1#

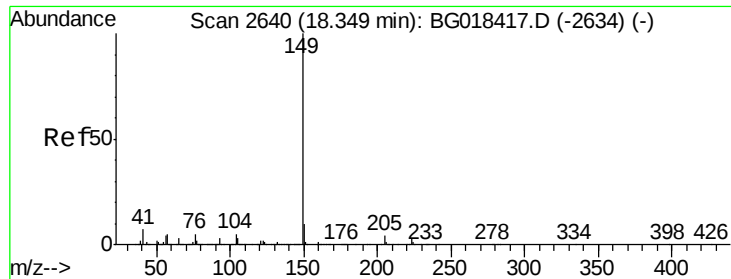


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

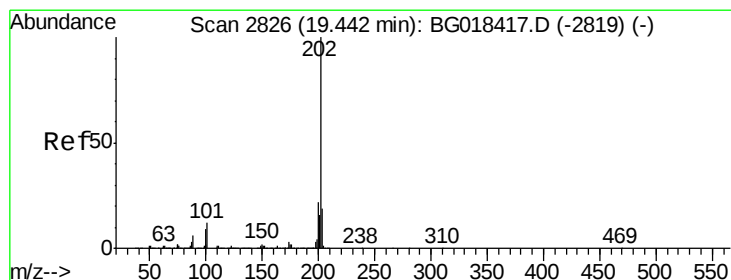
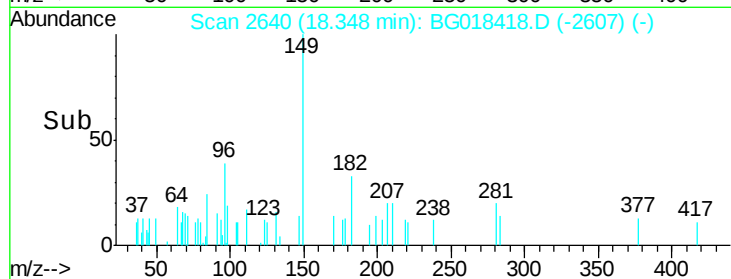
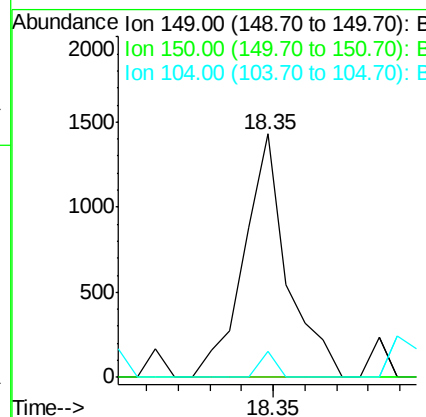
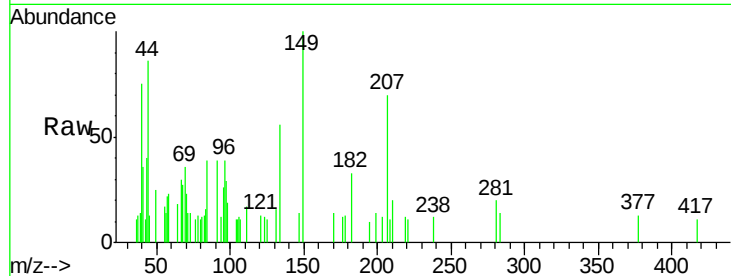




#76
Di-n-butylphthalate
Concen: 0.02 ng/ul
RT: 18.35 min Scan# 2640
Delta R.T. -0.00 min
Lab File: BG018418.D
Acq: 13 Aug 2015 4:05

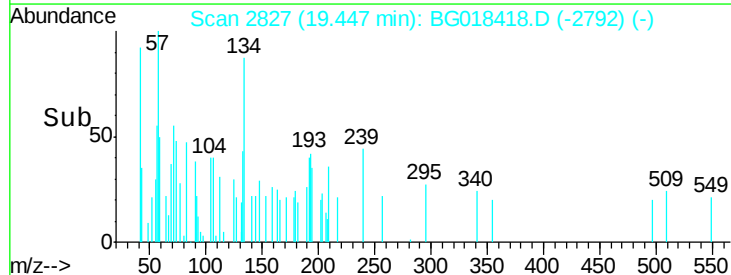
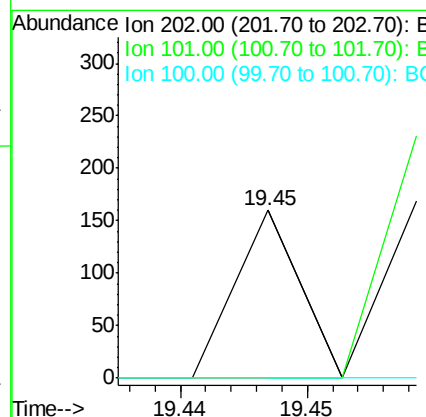
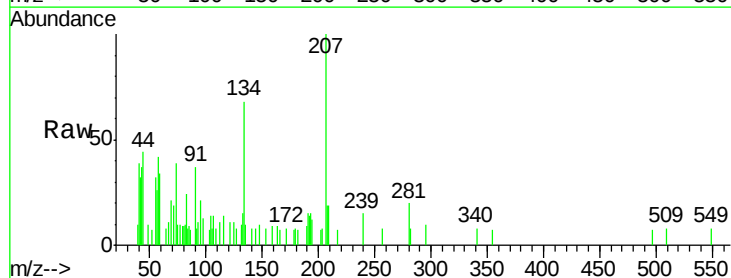
Instrument :
BNA_G
ClientSampleId :
MDL-02-W

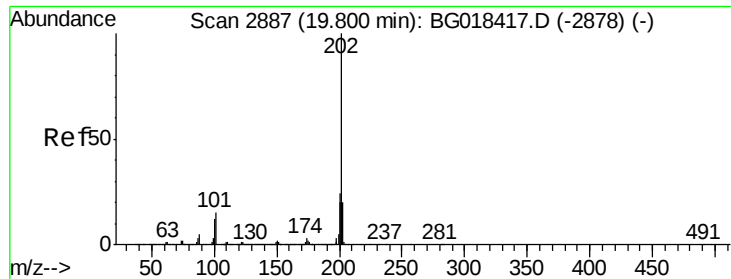
Tgt Ion:149 Resp: 1347
Ion Ratio Lower Upper
149 100
150 0.0 7.5 11.3#
104 10.7 4.3 6.5#



#77
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.45 min Scan# 2827
Delta R.T. 0.01 min
Lab File: BG018418.D
Acq: 13 Aug 2015 4:05

Tgt Ion:202 Resp: 56
Ion Ratio Lower Upper
202 100
101 0.0 9.7 14.5#
100 0.0 7.8 11.8#





#80

Pyrene

Concen: 0.04 ng/ul

RT: 19.78 min Scan# 2883

Delta R.T. -0.03 min

Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

Instrument :

BNA_G

ClientSampleId :

MDL-02-W

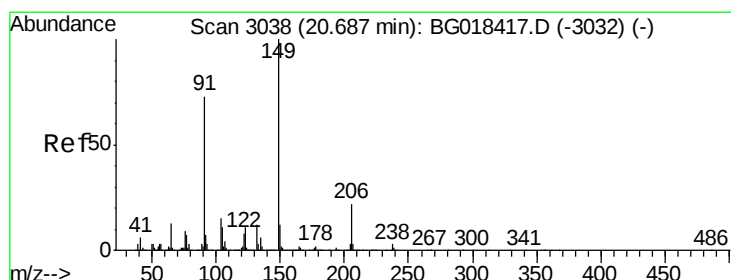
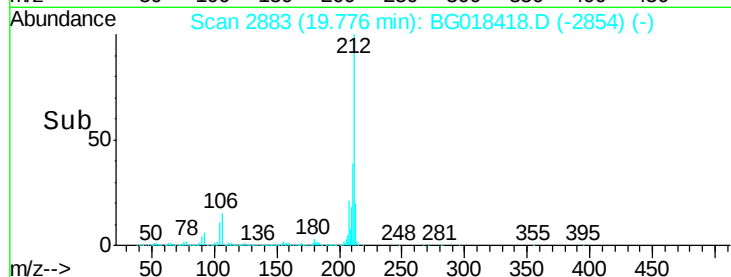
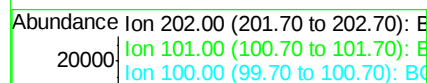
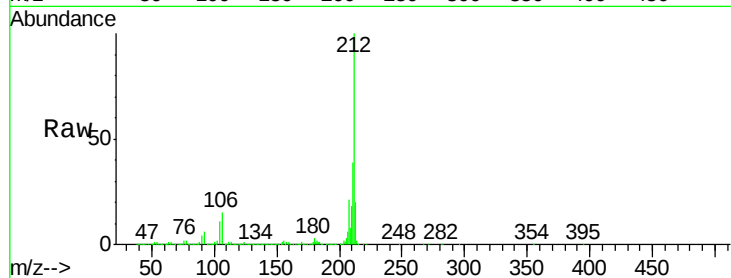
Tgt Ion:202 Resp: 2471

Ion Ratio Lower Upper

202 100

101 160.4 11.0 16.4#

100 761.2 9.8 14.6#



#81

Butylbenzylphthalate

Concen: 0.02 ng/ul

RT: 20.69 min Scan# 3038

Delta R.T. -0.00 min

Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

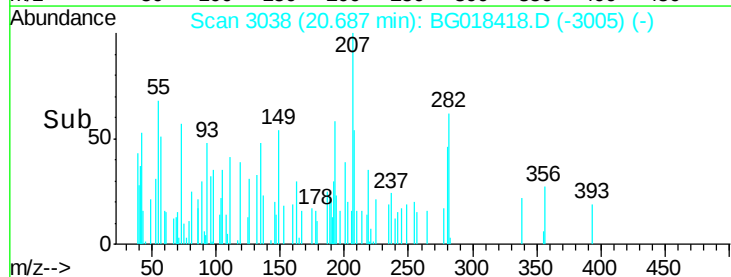
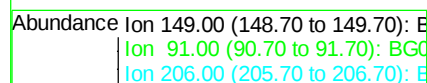
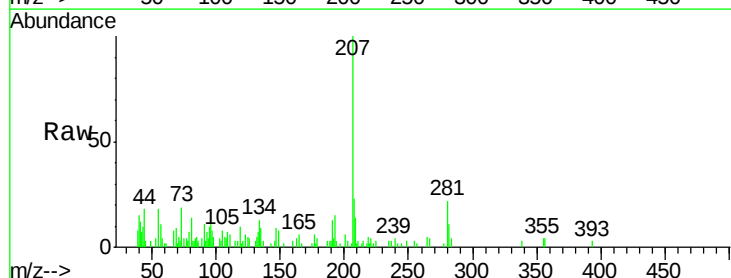
Tgt Ion:149 Resp: 528

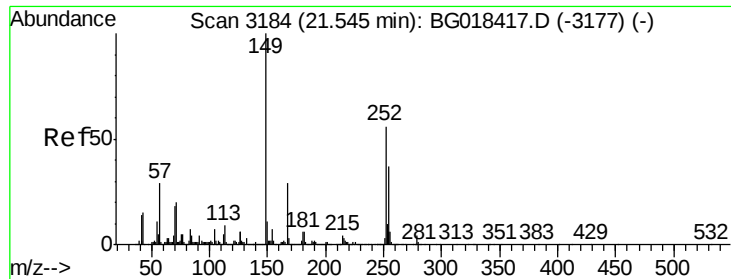
Ion Ratio Lower Upper

149 100

91 139.5 57.9 86.9#

206 0.0 17.9 26.9#

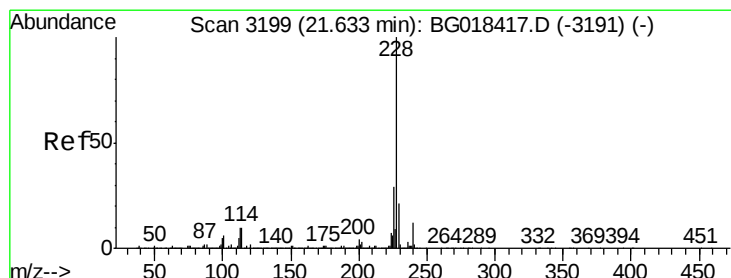
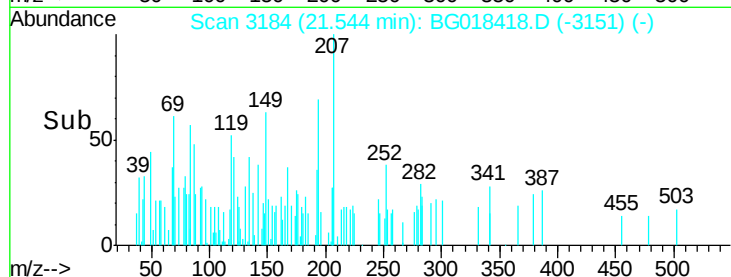
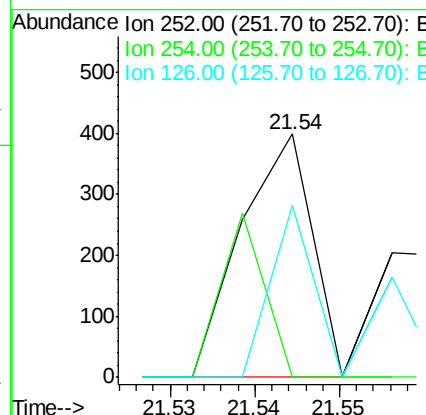
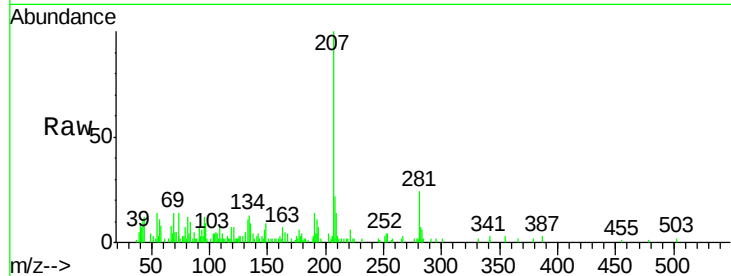




#82
 3,3'-Dichlorobenzidine
 Concen: 0.01 ng/ul
 RT: 21.54 min Scan# 3184
 Delta R.T. -0.00 min
 Lab File: BG018418.D
 Acq: 13 Aug 2015 4:05

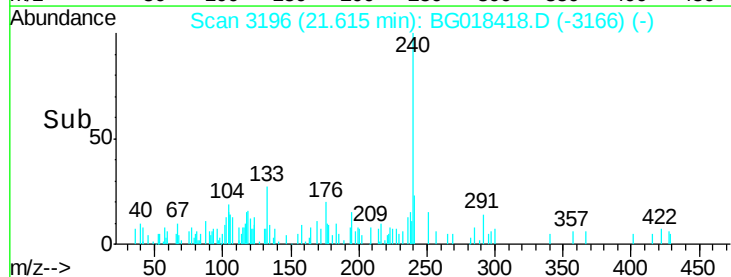
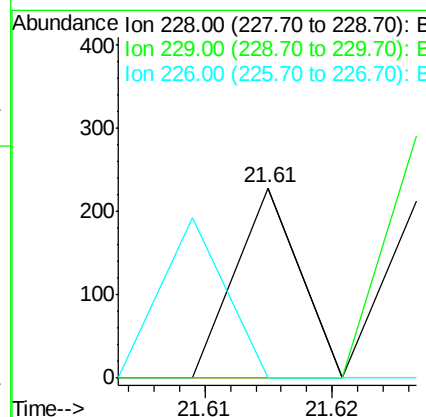
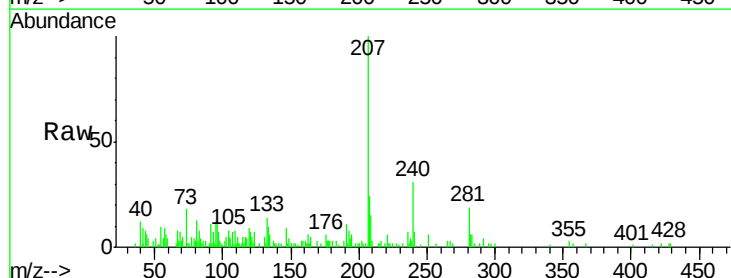
Instrument :
 BNA_G
 ClientSampled :
 MDL-02-W

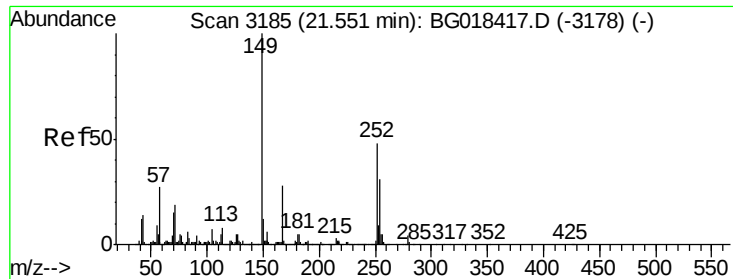
Tgt Ion: 252 Resp: 231
 Ion Ratio Lower Upper
 252 100
 254 0.0 50.9 76.3#
 126 70.9 9.6 14.4#



#83
 Benzo(a)anthracene
 Concen: 0.00 ng/ul
 RT: 21.61 min Scan# 3196
 Delta R.T. -0.02 min
 Lab File: BG018418.D
 Acq: 13 Aug 2015 4:05

Tgt Ion: 228 Resp: 80
 Ion Ratio Lower Upper
 228 100
 229 67.1 15.5 23.3#
 226 0.0 22.1 33.1#





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.03 ng/ul

RT: 21.54 min Scan# 3183

Delta R.T. -0.02 min

Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

Instrument :

BNA_G

ClientSampleId :

MDL-02-W

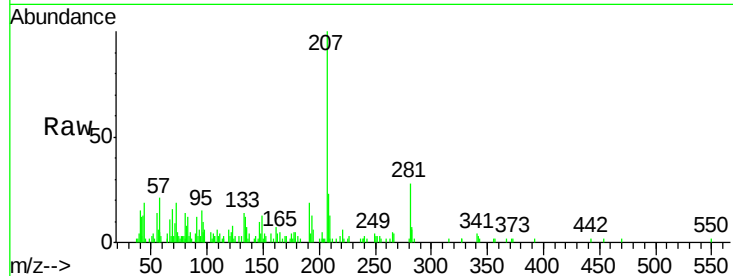
Tgt Ion:149 Resp: 1232

Ion Ratio Lower Upper

149 100

167 18.3 22.2 33.2#

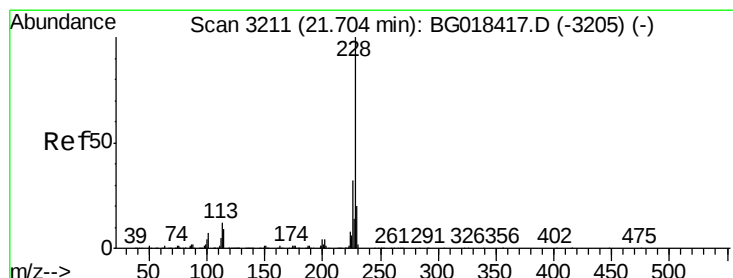
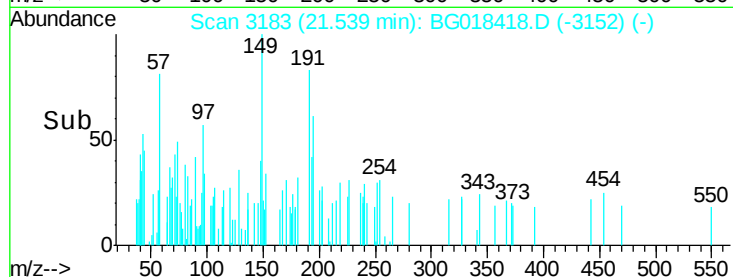
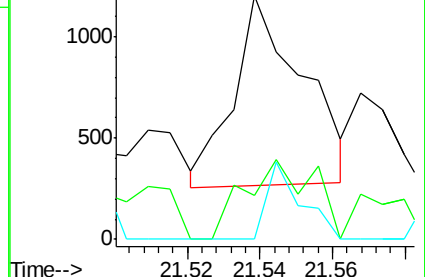
279 0.0 2.8 4.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 0.00 ng/ul

RT: 21.69 min Scan# 3208

Delta R.T. -0.02 min

Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

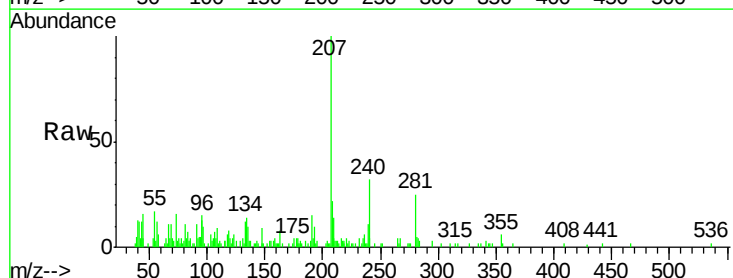
Tgt Ion:228 Resp: 132

Ion Ratio Lower Upper

228 100

226 96.1 26.5 39.7#

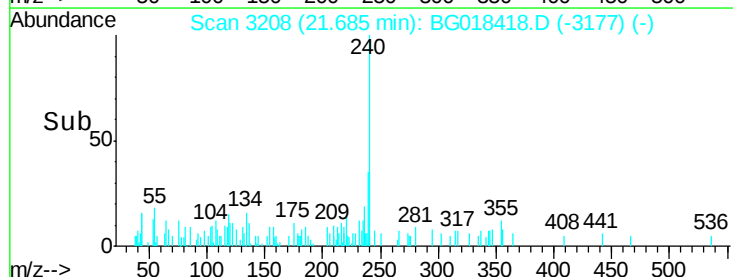
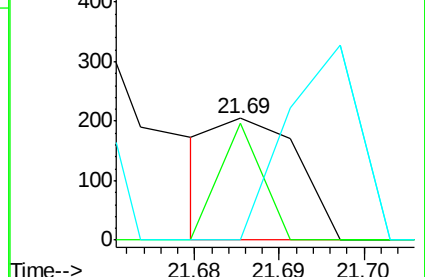
229 0.0 16.9 25.3#

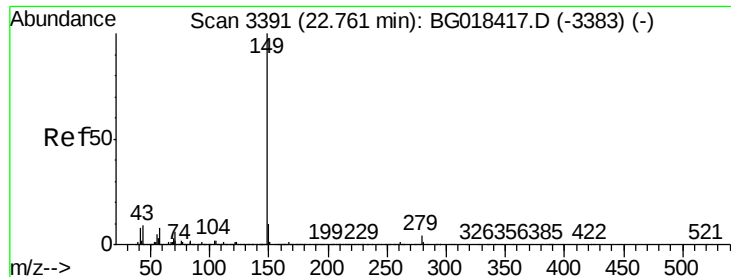


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 0.00 ng/ul

RT: 22.75 min Scan# 3389

Delta R.T. -0.02 min

Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

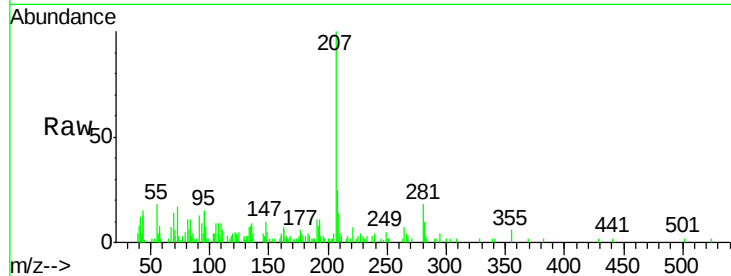
Instrument :

BNA_G

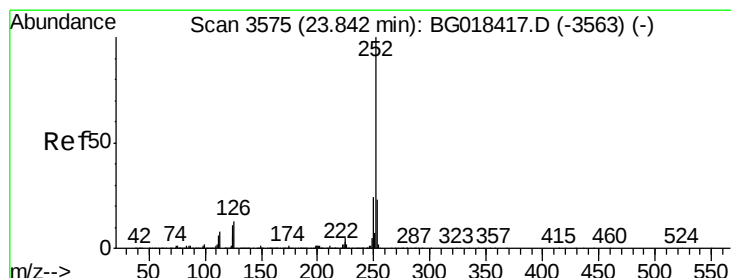
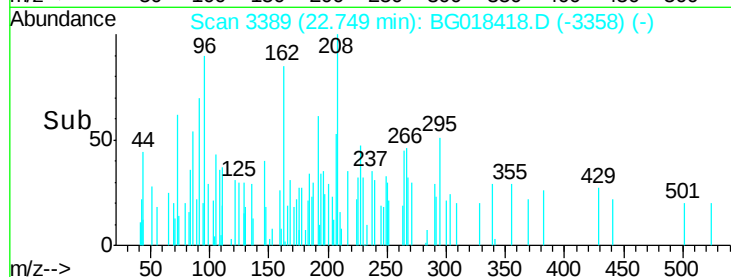
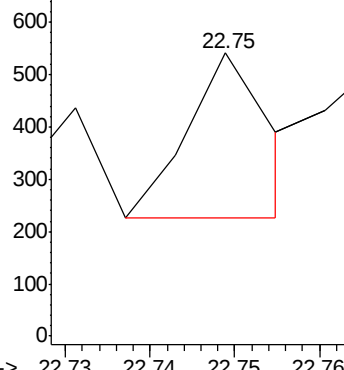
ClientSampleId :

MDL-02-W

Tgt Ion:149 Resp: 211



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 23.84 min Scan# 3575

Delta R.T. -0.00 min

Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

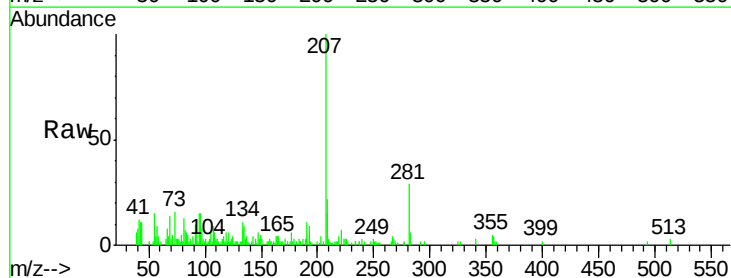
Tgt Ion:252 Resp: 91

Ion Ratio Lower Upper

252 100

253 63.4 18.1 27.1#

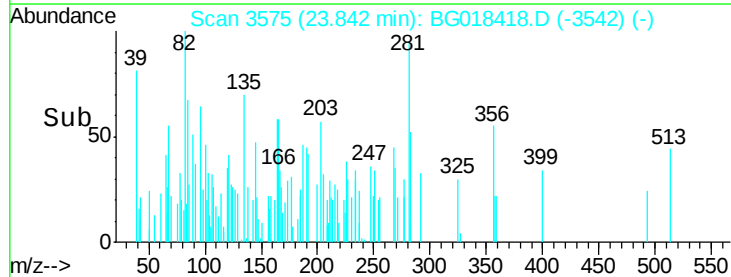
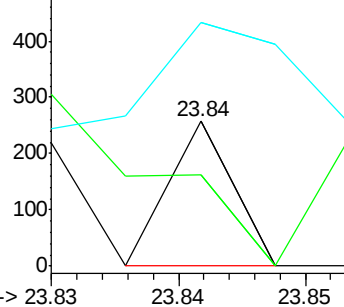
125 168.5 8.3 12.5#

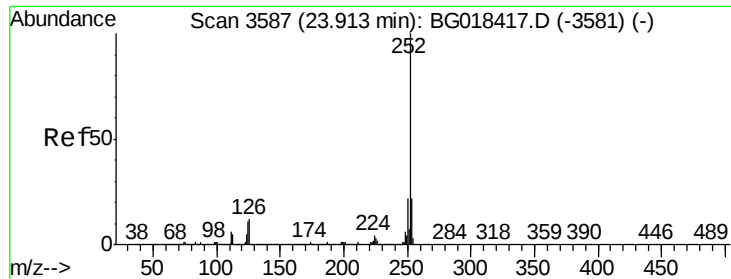


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 23.90 min Scan# 3585

Delta R.T. -0.02 min

Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

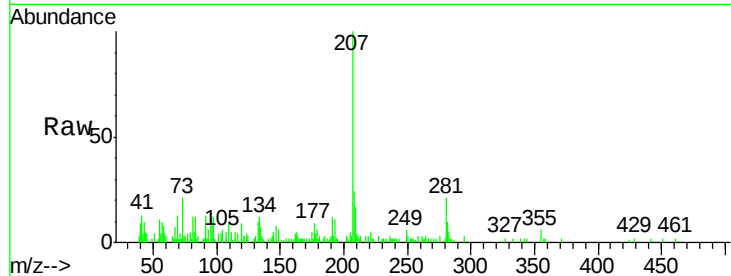
Instrument :

BNA_G

ClientSampleId :

MDL-02-W

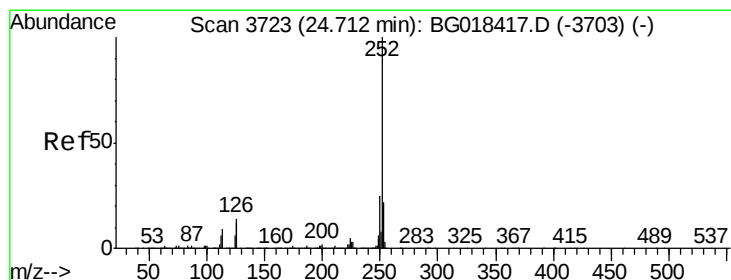
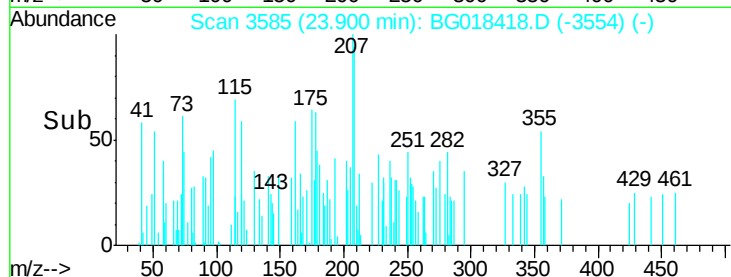
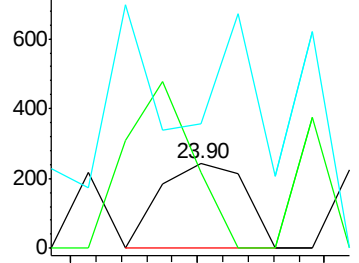
Tgt Ion:	252	Resp:	225
Ion Ratio	Lower	Upper	
252	100		
253	89.7	17.8	26.6#
125	147.1	9.0	13.4#



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: 0.00 ng/ul

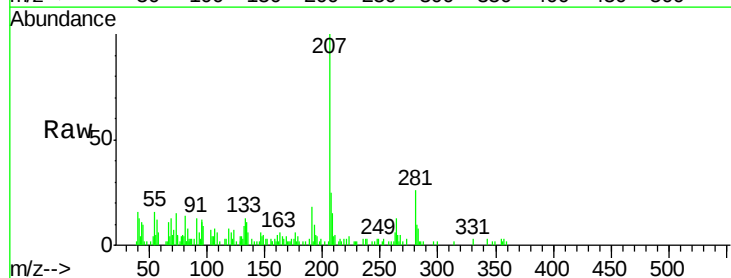
RT: 24.71 min Scan# 3722

Delta R.T. -0.01 min

Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

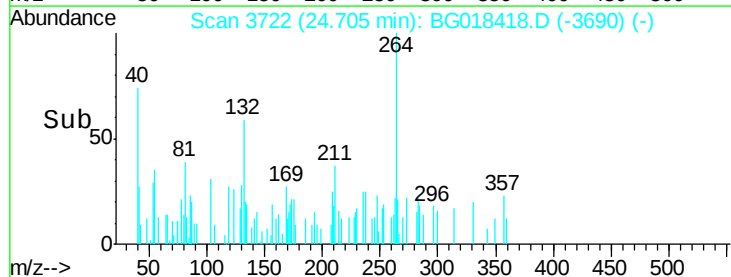
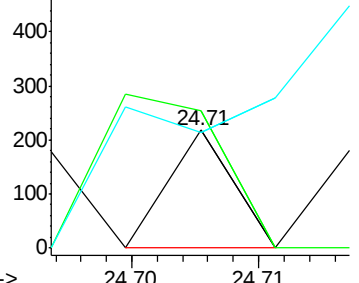
Tgt Ion:	252	Resp:	77
Ion Ratio	Lower	Upper	
252	100		
253	116.1	17.7	26.5#
125	98.2	10.2	15.2#

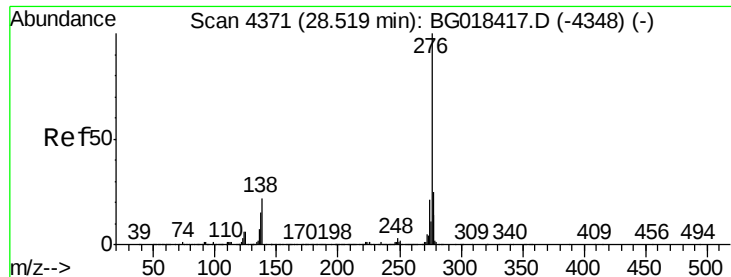


Abundance Ion 252.00 (251.70 to 252.70): E

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: 28.44 min Scan# 4358

Delta R.T. -0.08 min

Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

Instrument :

BNA_G

ClientSampleId :

MDL-02-W

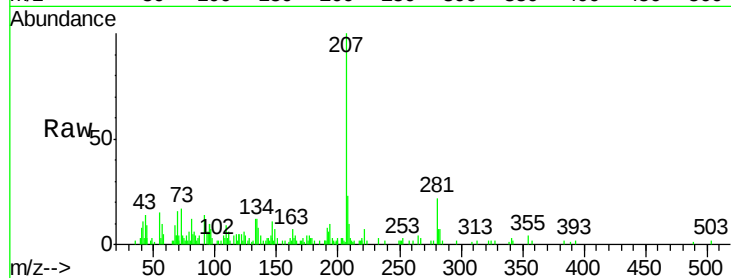
Tgt Ion:276 Resp: 90

Ion Ratio Lower Upper

276 100

138 70.5 15.8 23.6#

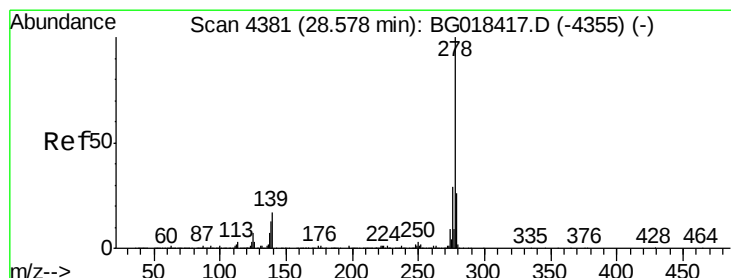
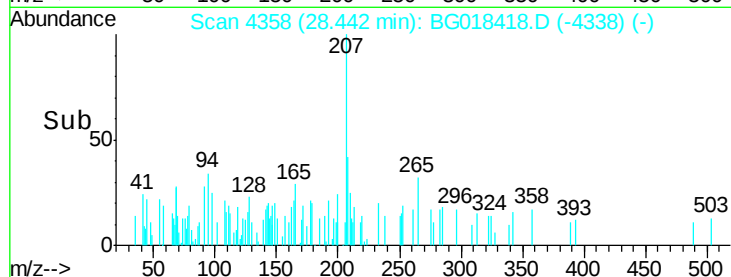
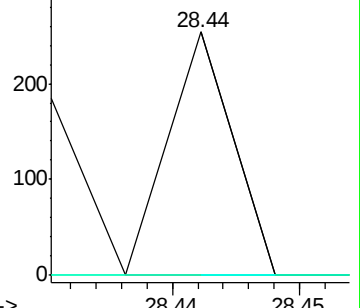
277 0.0 18.9 28.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#93

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 28.55 min Scan# 4376

Delta R.T. -0.04 min

Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

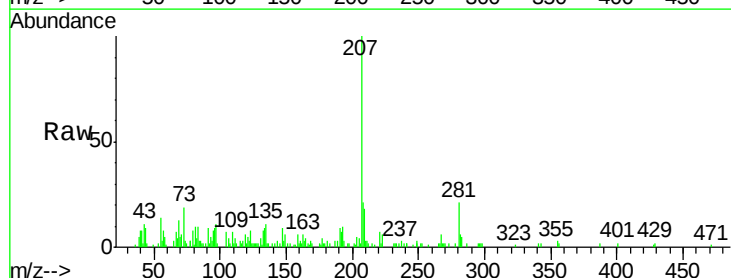
Tgt Ion:278 Resp: 84

Ion Ratio Lower Upper

278 100

139 84.5 13.8 20.6#

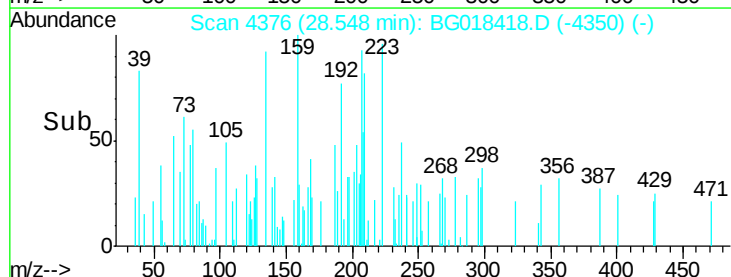
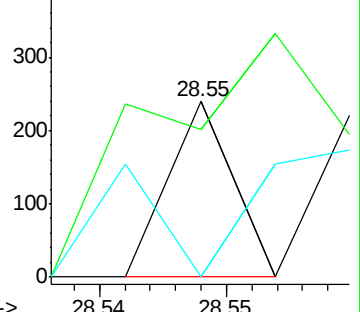
279 0.0 17.8 26.8#

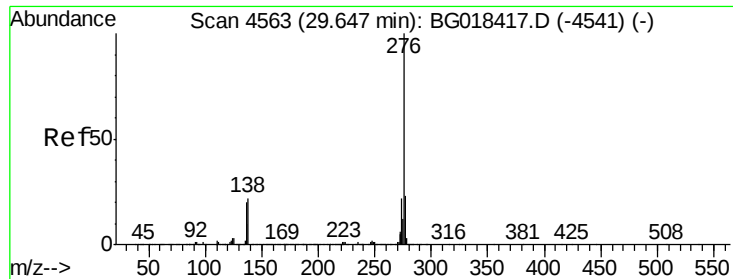


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 29.83 min Scan# 4595

Delta R.T. 0.16 min

Lab File: BG018418.D

Acq: 13 Aug 2015 4:05

Instrument :

BNA_G

ClientSampleId :

MDL-02-W

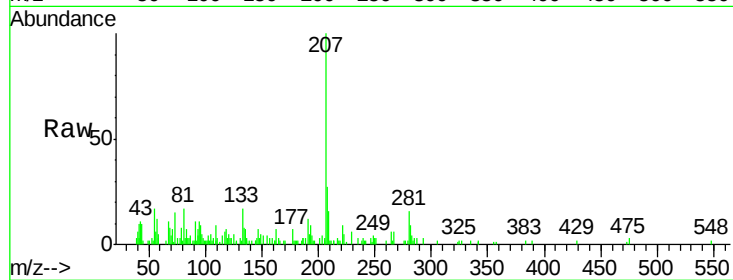
Tgt Ion: 276 Resp: 70

Ion Ratio Lower Upper

276 100

138 0.0 16.5 24.7#

277 87.9 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

