

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081715\
 Data File : BG018445.D
 Acq On : 17 Aug 2015 9:47
 Operator : UM/MA
 Sample : MDL-BLK-S
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-BLK-S

Quant Time: Aug 18 01:30:29 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 01:30:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	107337	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	498868	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	329436	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	840212	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	869053	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	869344	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	15931	6.56	ng/uL	0.00
5) Phenol-d5	7.17	99	333951	34.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	216716	35.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	250802	33.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	282303	34.49	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	138898	35.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	146054	36.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	271094	32.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	400696	42.18	ng/ul	0.00
44) Dimethylphthalate-d6	14.05	166	987132	35.61	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	1185494	33.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	194210	38.95	ng/ul	0.00
58) Fluorene-d10	15.63	176	851756	35.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	140195	33.92	ng/ul	0.00
71) Anthracene-d10	17.49	188	1374421	34.20	ng/ul	0.00
79) Pyrene-d10	19.77	212	1500274	33.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.63	264	1630446	35.33	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	64	0.02	ng/uL#	1
4) Benzaldehyde	7.16	77	165	0.03	ng/ul#	1
6) Phenol	7.26	94	91	0.01	ng/ul#	16
8) Bis(2-Chloroethyl)ether	7.43	93	1678	0.22	ng/ul#	52
10) 2-Chlorophenol	7.54	128	258	0.03	ng/ul#	1
12) 2,2'-oxybis(1-Chloropropan	8.57	45	78	0.01	ng/ul#	69
14) Acetophenone	8.78	105	219	0.02	ng/ul#	6
15) N-Nitroso-di-n-propylamine	8.80	70	121	0.02	ng/ul#	17
16) 4-Methylphenol	8.77	108	184	0.02	ng/ul#	1
17) Hexachloroethane	9.04	117	96	0.03	ng/ul#	10
20) Nitrobenzene	9.22	77	457	0.05	ng/ul#	21
21) Isophorone	9.75	82	123	0.01	ng/ul#	4
24) 2,4-Dimethylphenol	9.96	107	184	0.02	ng/ul#	12
25) Bis(2-Chloroethoxy)methane	10.17	93	150	0.01	ng/ul#	52
27) 2,4-Dichlorophenol	10.45	162	219	0.03	ng/ul#	1
28) Naphthalene	10.89	128	157	0.01	ng/ul#	68
30) 4-Chloroaniline	10.97	127	66	0.01	ng/ul#	1
33) 4-Chloro-3-methylphenol	12.09	107	122	0.01	ng/ul#	18
38) Hexachlorocyclopentadiene	12.86	237	117	0.02	ng/ul#	30
43) 2-Nitroaniline	13.71	65	70	0.01	ng/ul#	9
45) Dimethylphthalate	14.04	163	1266	0.05	ng/ul#	1
46) 2,6-Dinitrotoluene	14.27	165	150	0.03	ng/ul#	17
48) Acenaphthylene	14.34	152	332	0.01	ng/ul#	61

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

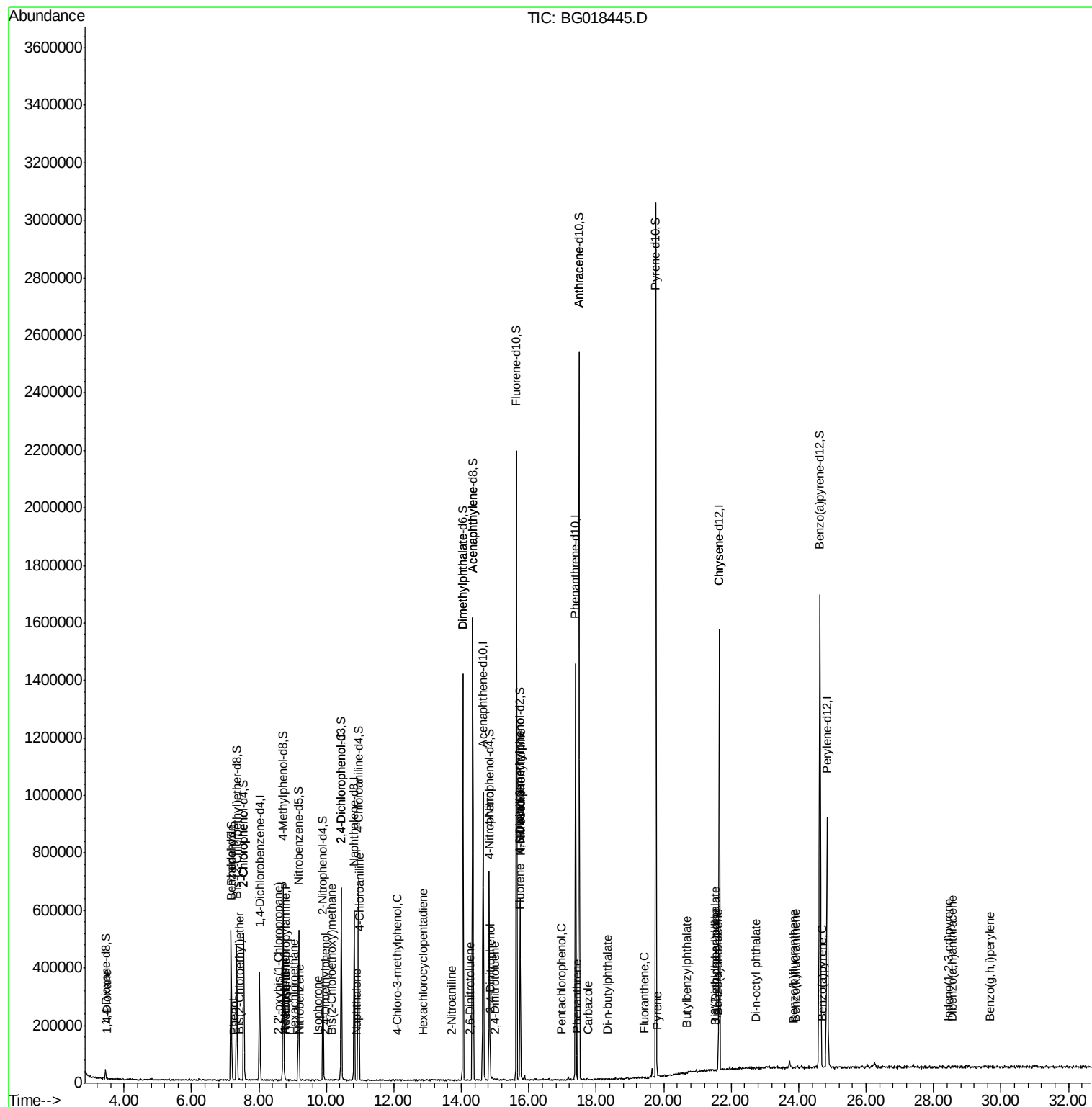
51) 2,4-Dinitrophenol	14.86	184	123	0.05	ng/ul#	54
53) 4-Nitrophenol	14.84	109	751	0.17	ng/ul#	1
55) 2,4-Dinitrotoluene	15.01	165	56	0.01	ng/ul#	34
59) Fluorene	15.73	166	117	0.00	ng/ul#	1
61) 4-Nitroaniline	15.74	138	829	0.14	ng/ul#	1
64) 4,6-Dinitro-2-methylphenol	15.75	198	1077	0.24	ng/ul#	1
65) N-Nitrosodiphenylamine	15.75	169	1591	0.06	ng/ul#	36
69) Pentachlorophenol	16.96	266	120	0.02	ng/ul#	16
70) Phenanthrene	17.43	178	328	0.01	ng/ul#	58
72) Anthracene	17.49	178	1072	0.02	ng/ul#	1
75) Carbazole	17.77	167	209	0.01	ng/ul#	57
76) Di-n-butylphthalate	18.34	149	516	0.01	ng/ul#	78
77) Fluoranthene	19.42	202	322	0.01	ng/ul#	71
80) Pyrene	19.81	202	60	0.00	ng/ul#	67
81) Butylbenzylphthalate	20.70	149	222	0.01	ng/ul#	16
82) 3,3'-Dichlorobenzidine	21.55	252	213	0.01	ng/ul#	26
83) Benzo(a)anthracene	21.61	228	230	0.00	ng/ul#	51
84) Bis(2-ethylhexyl)phthalate	21.55	149	936	0.03	ng/ul#	52
85) Chrysene	21.65	228	2386	0.05	ng/ul#	80
87) Di-n-octyl phthalate	22.74	149	156	0.00	ng/ul	100
88) Benzo(b)fluoranthene	23.84	252	61	0.00	ng/ul#	1
89) Benzo(k)fluoranthene	23.90	252	139	0.00	ng/ul#	1
91) Benzo(a)pyrene	24.71	252	171	0.00	ng/ul#	16
92) Indeno(1,2,3-cd)pyrene	28.44	276	153	0.00	ng/ul#	54
93) Dibenzo(a,h)anthracene	28.55	278	130	0.00	ng/ul#	1
94) Benzo(g,h,i)perylene	29.68	276	127	0.00	ng/ul#	53

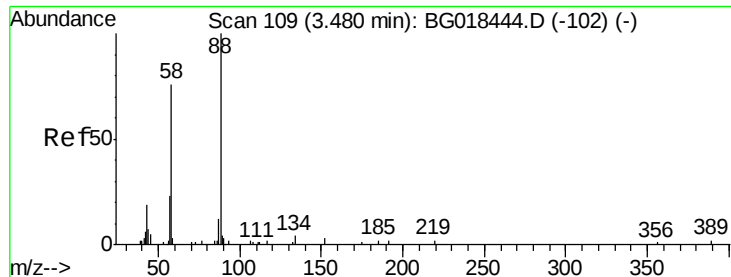
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.02 ng/uL

RT: 3.48 min Scan# 110

Delta R.T. 0.00 min

Lab File: BG018445.D

Acq: 17 Aug 2015 9:47

Instrument :

BNA_G

ClientSampleId :

MDL-BLK-S

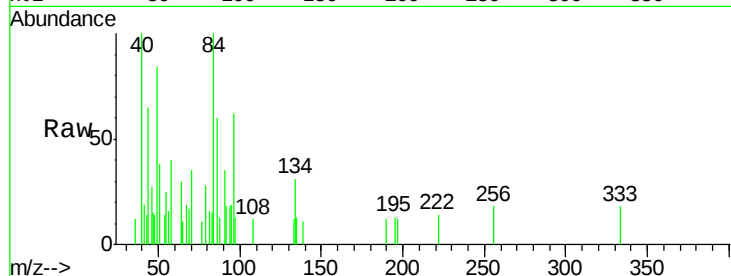
Tgt Ion: 88 Resp: 64

Ion Ratio Lower Upper

88 100

43 106.1 33.0 49.4#

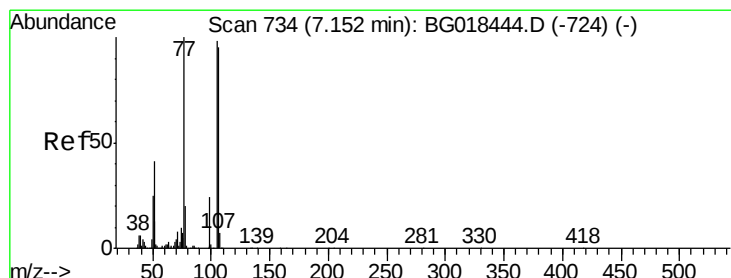
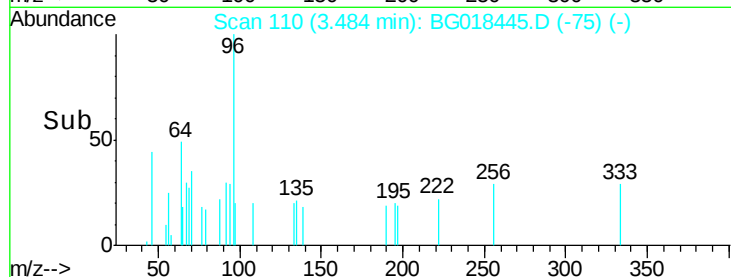
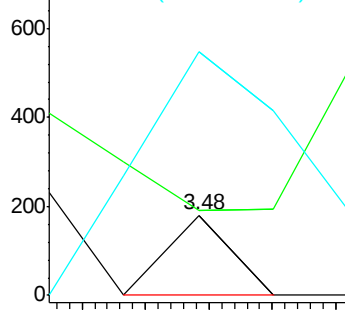
58 302.2 73.4 110.0#



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# 736

Delta R.T. 0.01 min

Lab File: BG018445.D

Acq: 17 Aug 2015 9:47

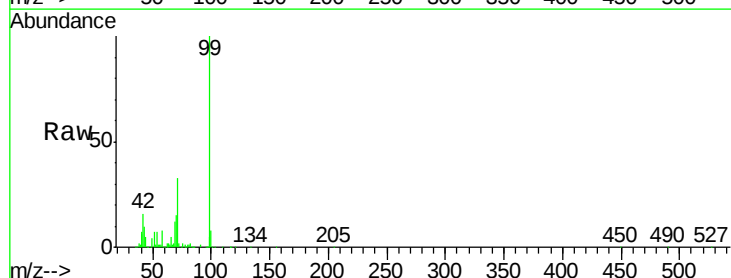
Tgt Ion: 77 Resp: 165

Ion Ratio Lower Upper

77 100

105 0.0 78.2 117.2#

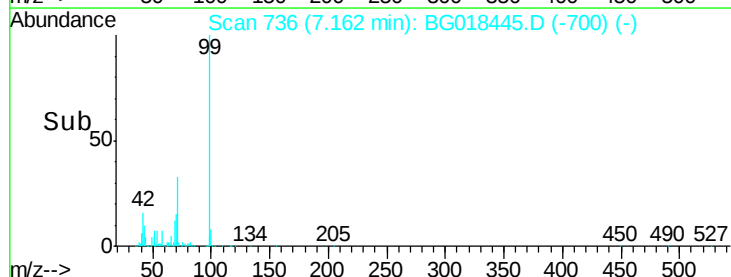
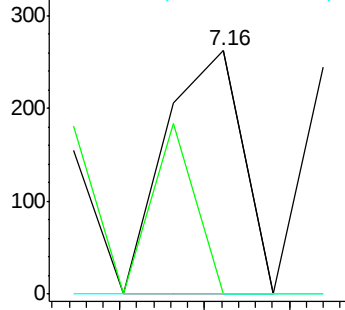
106 0.0 76.8 115.2#

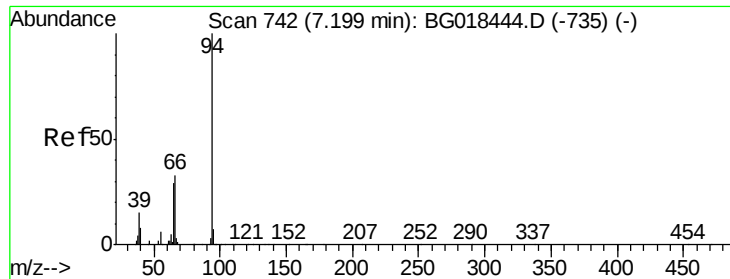


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 7.26 min Scan# 752

Delta R.T. 0.06 min

Lab File: BG018445.D

Acq: 17 Aug 2015 9:47

Instrument :

BNA_G

ClientSampleId :

MDL-BLK-S

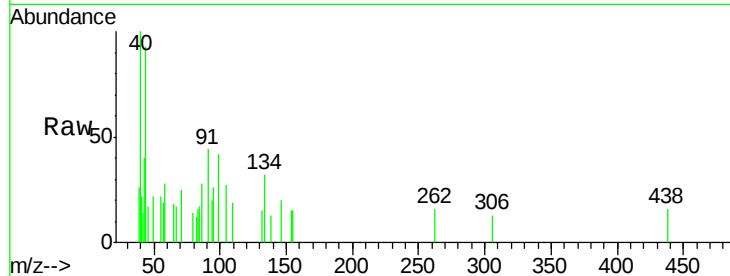
Tgt Ion: 94 Resp: 91

Ion Ratio Lower Upper

94 100

65 87.6 23.0 34.6#

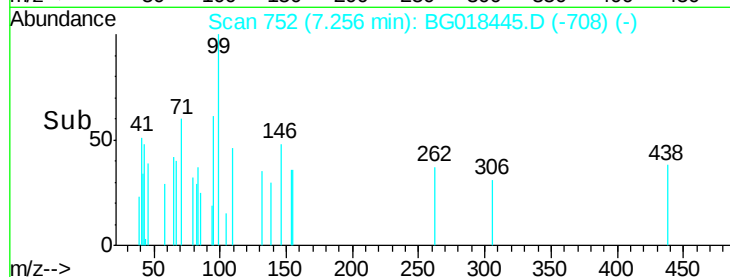
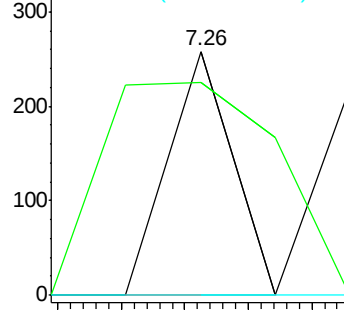
66 0.0 31.0 46.4#



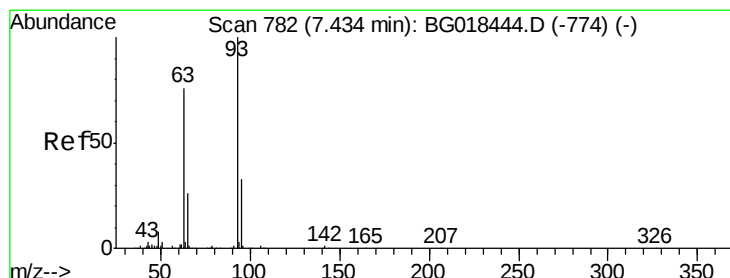
Abundance Ion 94.00 (93.70 to 94.70): BGC

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: 0.22 ng/ul

RT: 7.43 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG018445.D

Acq: 17 Aug 2015 9:47

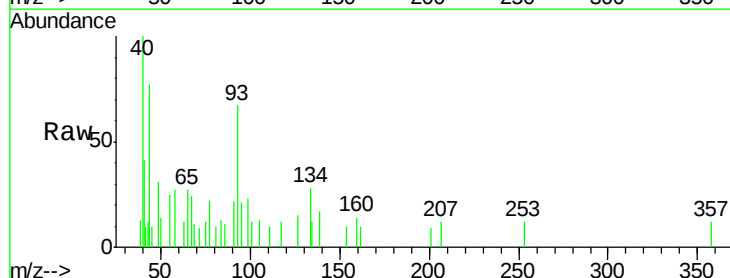
Tgt Ion: 93 Resp: 1678

Ion Ratio Lower Upper

93 100

63 18.6 61.4 92.2#

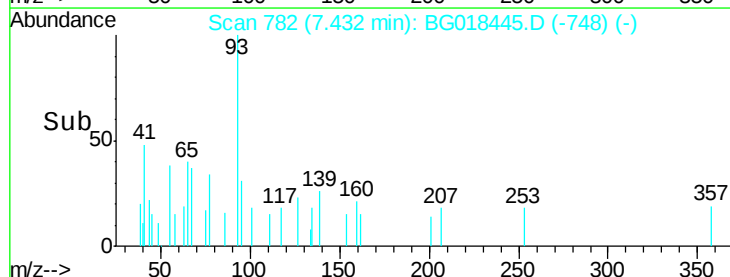
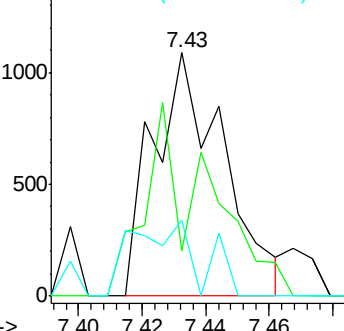
95 31.0 25.9 38.9

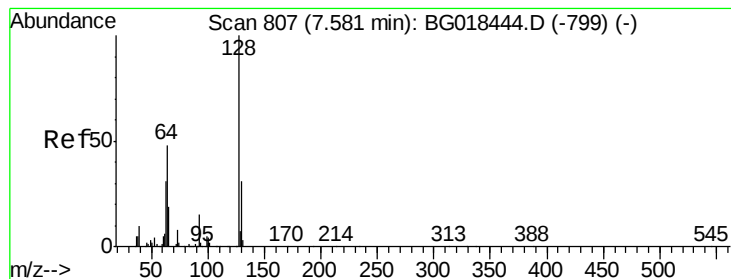


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC





#10

2-Chlorophenol

Concen: 0.03 ng/ul

RT: 7.54 min Scan# 800

Delta R.T. -0.04 min

Lab File: BG018445.D

Acq: 17 Aug 2015 9:47

Instrument :

BNA_G

ClientSampled :

MDL-BLK-S

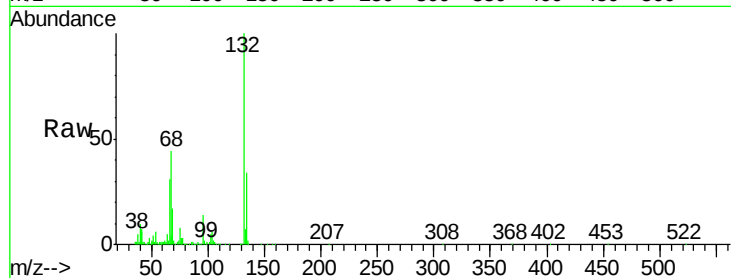
Tgt Ion:128 Resp: 258

Ion Ratio Lower Upper

128 100

64 1538.1 40.9 61.3#

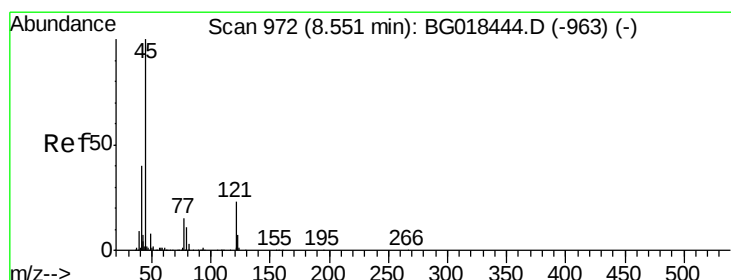
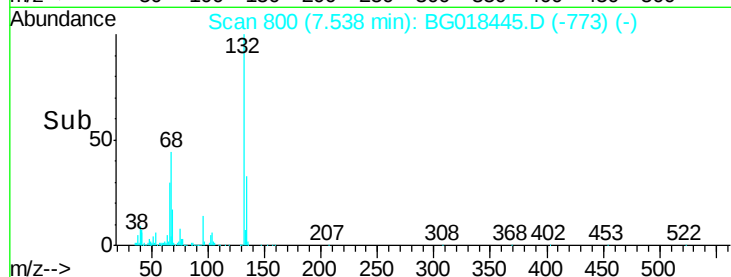
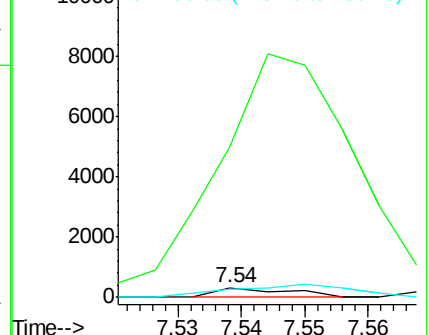
130 87.9 24.5 36.7#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 130.00 (129.70 to 130.70): E



#12

2,2'-oxybis(1-Chloropropane)

Concen: 0.01 ng/ul

RT: 8.57 min Scan# 976

Delta R.T. 0.02 min

Lab File: BG018445.D

Acq: 17 Aug 2015 9:47

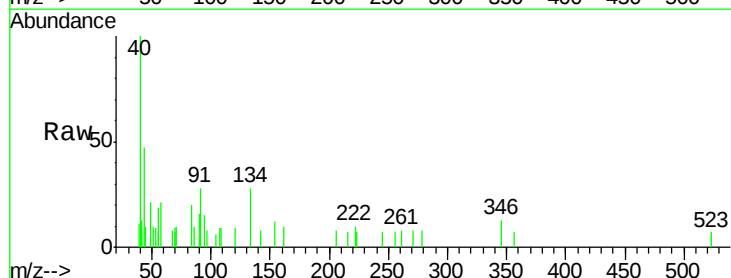
Tgt Ion: 45 Resp: 78

Ion Ratio Lower Upper

45 100

77 0.0 11.3 16.9#

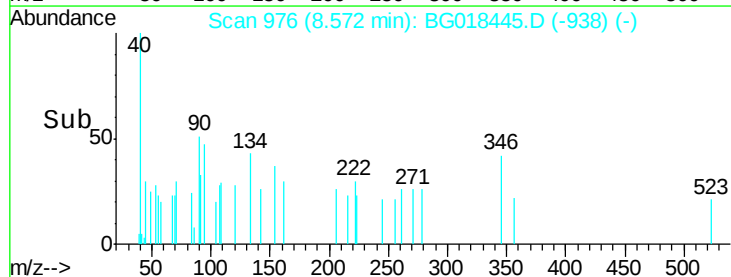
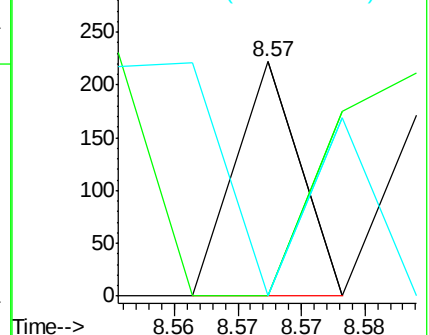
79 0.0 7.8 11.8#

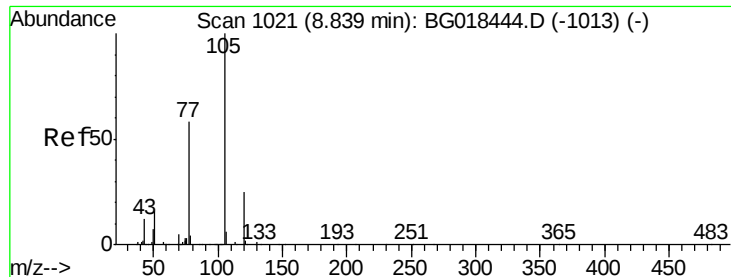


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#14

Acetophenone

Concen: 0.02 ng/ul

RT: 8.78 min Scan# 1012

Delta R.T. -0.05 min

Lab File: BG018445.D

Acq: 17 Aug 2015 9:47

Instrument :

BNA_G

ClientSampled :

MDL-BLK-S

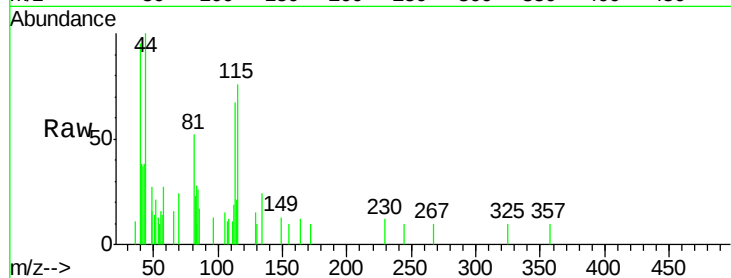
Tgt Ion: 105 Resp: 219

Ion Ratio Lower Upper

105 100

77 0.0 61.9 92.9#

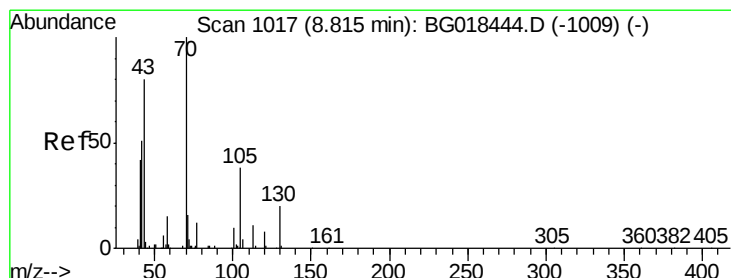
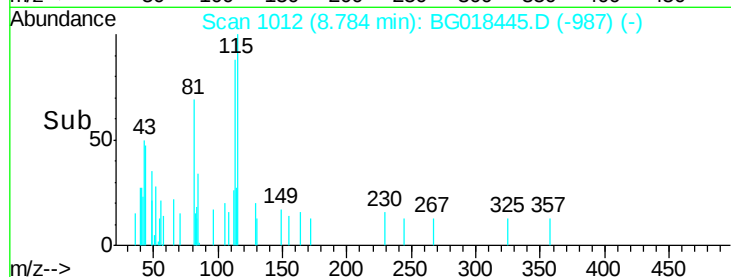
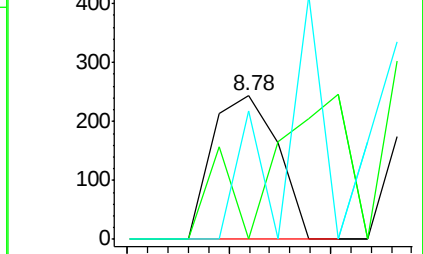
51 89.7 25.5 38.3#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#15

N-Nitroso-di-n-propylamine

Concen: 0.02 ng/ul

RT: 8.80 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BG018445.D

Acq: 17 Aug 2015 9:47

Tgt Ion: 70 Resp: 121

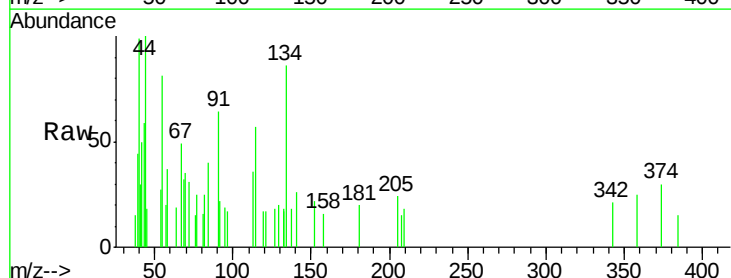
Ion Ratio Lower Upper

70 100

42 144.2 50.7 76.1#

101 0.0 7.4 11.2#

130 0.0 15.8 23.6#

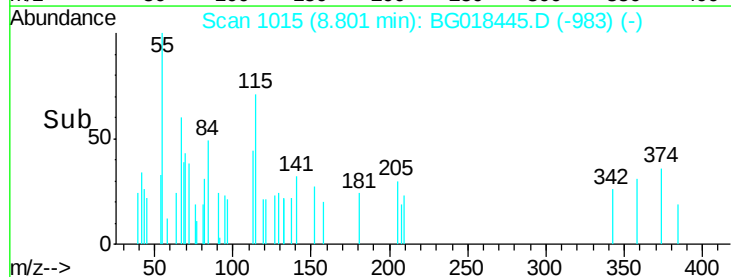
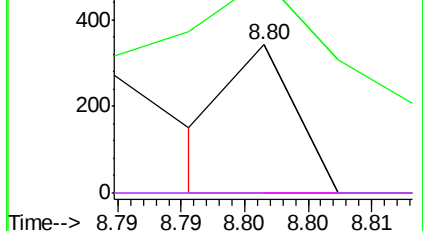


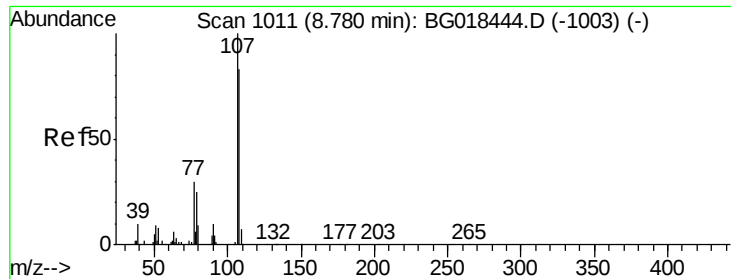
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC





#16

4-Methylphenol

Concen: 0.02 ng/ul

RT: 8.77 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BG018445.D

Acq: 17 Aug 2015 9:47

Instrument :

BNA_G

ClientSampleId :

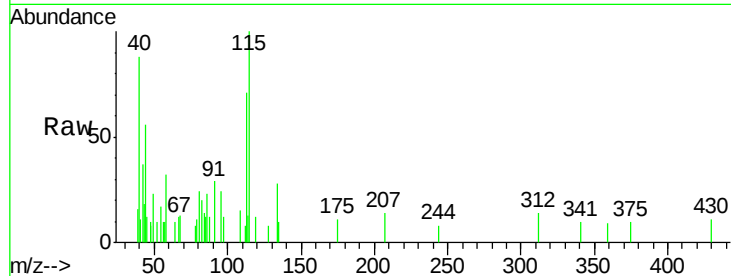
MDL-BLK-S

Tgt Ion:108 Resp: 184

Ion Ratio Lower Upper

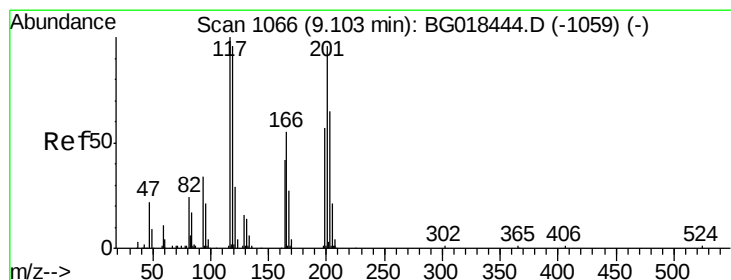
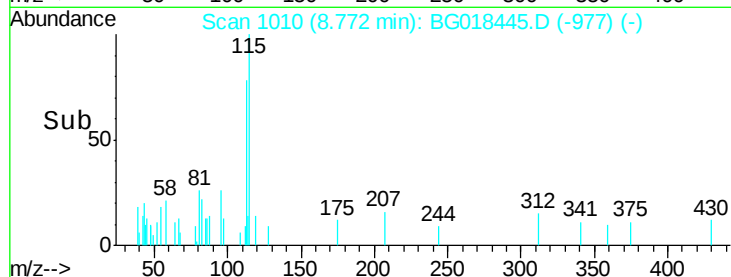
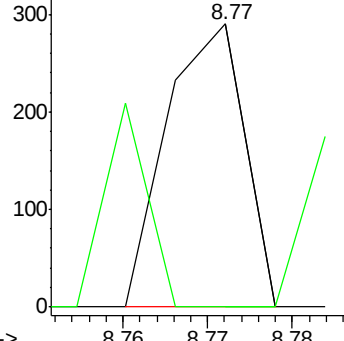
108 100

107 0.0 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: 0.03 ng/ul

RT: 9.04 min Scan# 1056

Delta R.T. -0.06 min

Lab File: BG018445.D

Acq: 17 Aug 2015 9:47

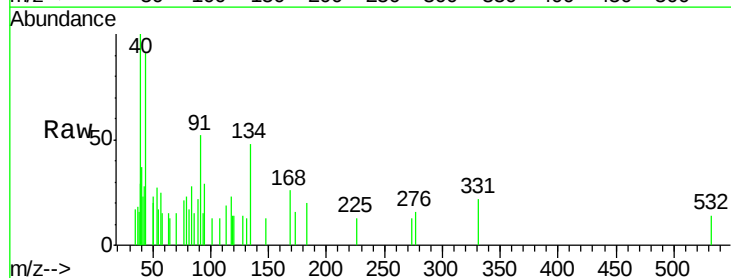
Tgt Ion:117 Resp: 96

Ion Ratio Lower Upper

117 100

201 0.0 73.6 110.4#

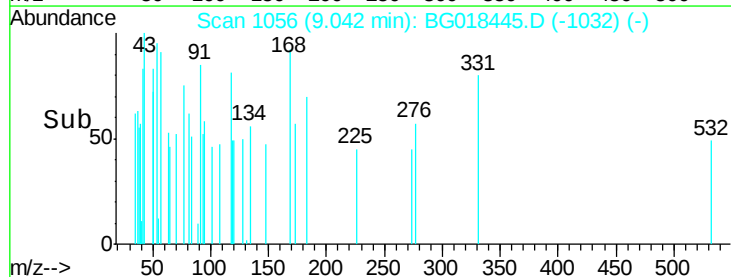
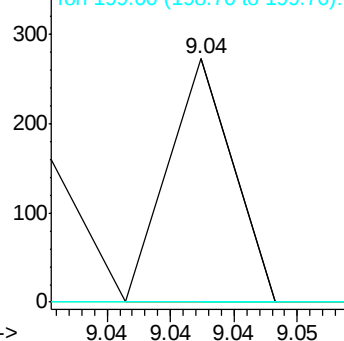
199 0.0 48.6 72.8#

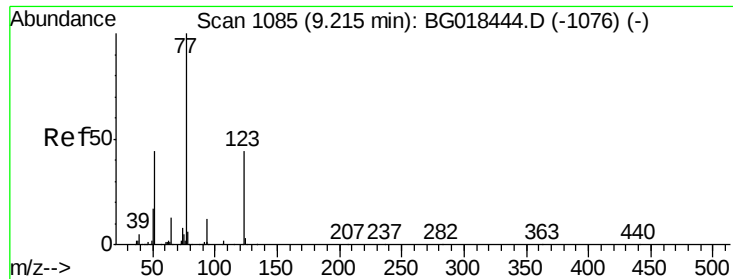


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

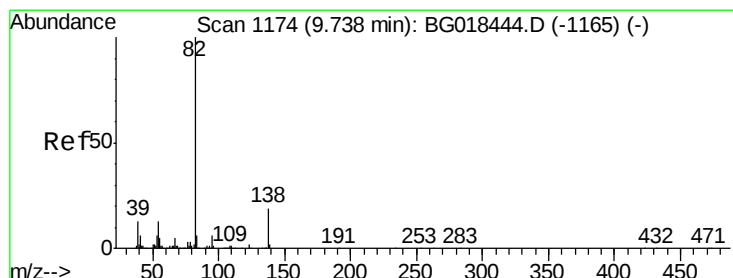
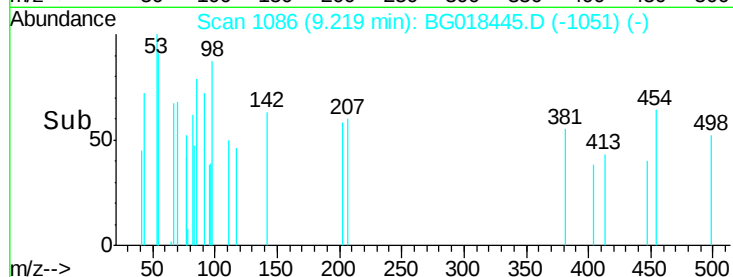
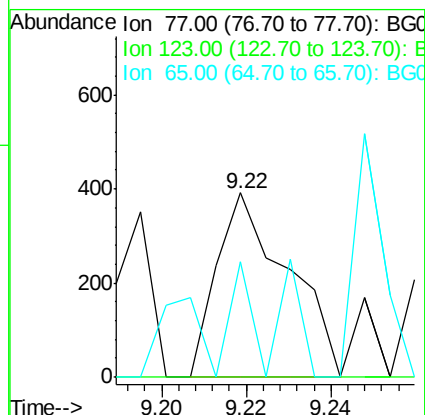
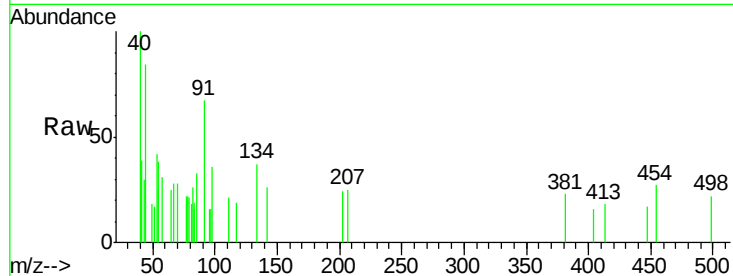




#20
Nitrobenzene
Concen: 0.05 ng/ul
RT: 9.22 min Scan# 1086
Delta R.T. 0.00 min
Lab File: BG018445.D
Acq: 17 Aug 2015 9:47

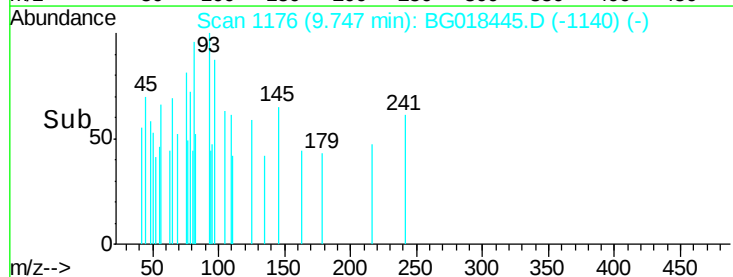
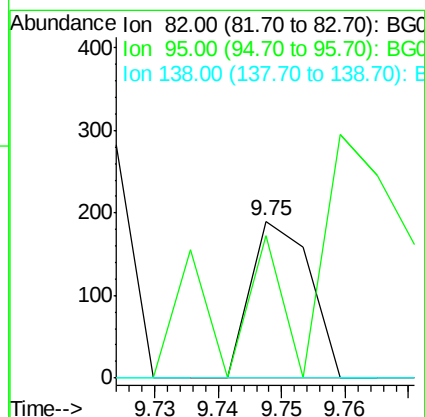
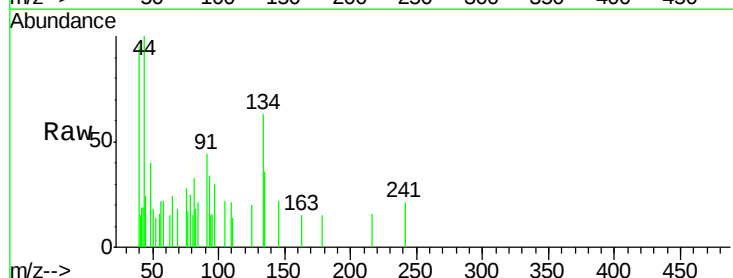
Instrument :
BNA_G
ClientSampled :
MDL-BLK-S

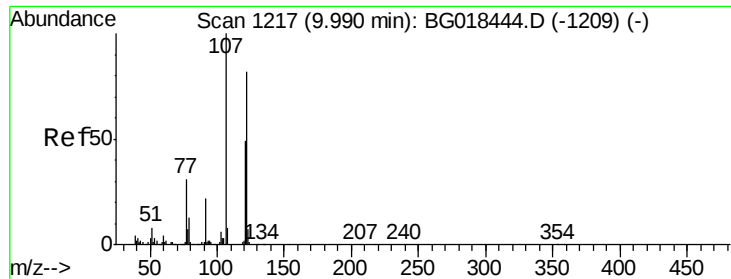
Tgt Ion: 77 Resp: 457
Ion Ratio Lower Upper
77 100
123 0.0 32.8 49.2#
65 62.8 12.2 18.2#



#21
Isophorone
Concen: 0.01 ng/ul
RT: 9.75 min Scan# 1176
Delta R.T. 0.01 min
Lab File: BG018445.D
Acq: 17 Aug 2015 9:47

Tgt Ion: 82 Resp: 123
Ion Ratio Lower Upper
82 100
95 90.5 5.2 7.8#
138 0.0 13.8 20.8#





#24

2,4-Dimethylphenol

Concen: 0.02 ng/ul

RT: 9.96 min Scan# 1212

Delta R.T. -0.03 min

Lab File: BG018445.D

Acq: 17 Aug 2015 9:47

Instrument :

BNA_G

ClientSampled :

MDL-BLK-S

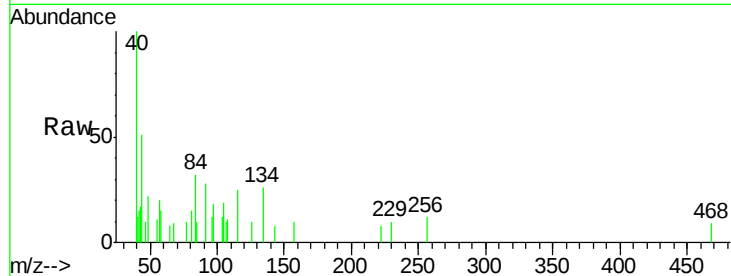
Tgt Ion: 107 Resp: 184

Ion Ratio Lower Upper

107 100

121 0.0 41.3 61.9#

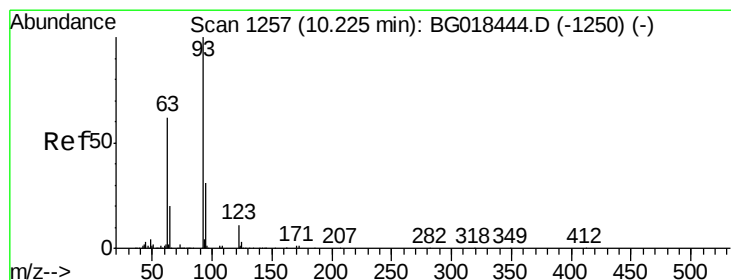
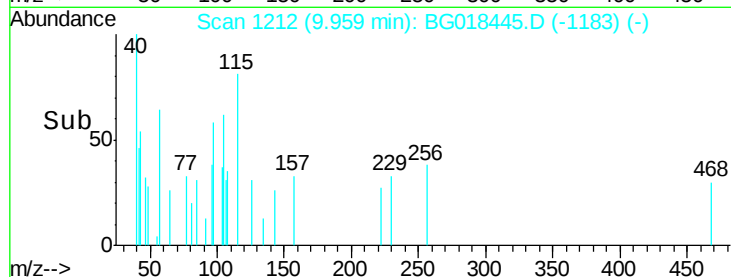
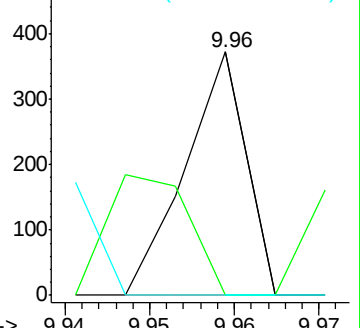
122 0.0 71.9 107.9#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 0.01 ng/ul

RT: 10.17 min Scan# 1248

Delta R.T. -0.05 min

Lab File: BG018445.D

Acq: 17 Aug 2015 9:47

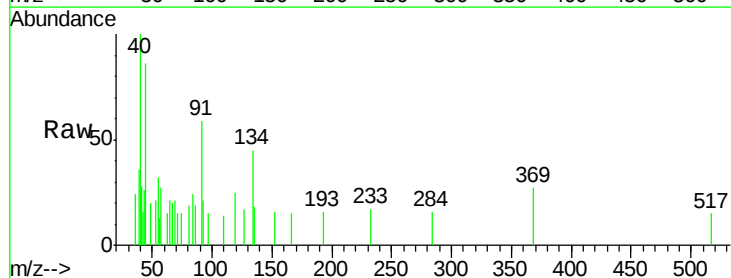
Tgt Ion: 93 Resp: 150

Ion Ratio Lower Upper

93 100

95 0.0 24.1 36.1#

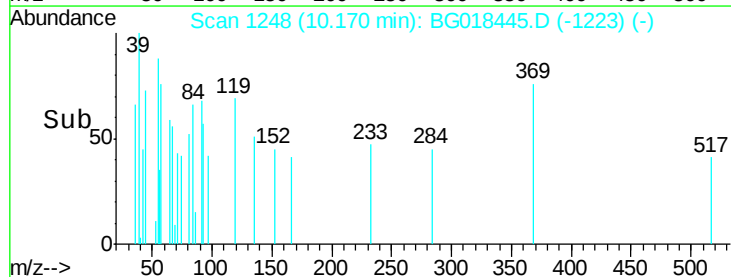
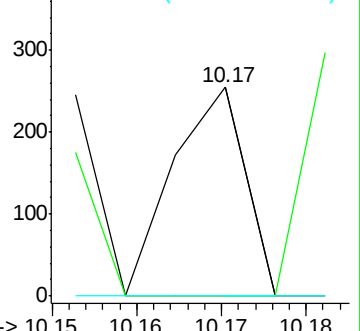
123 0.0 8.9 13.3#

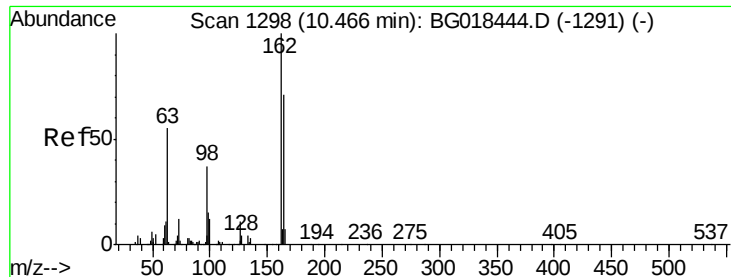


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

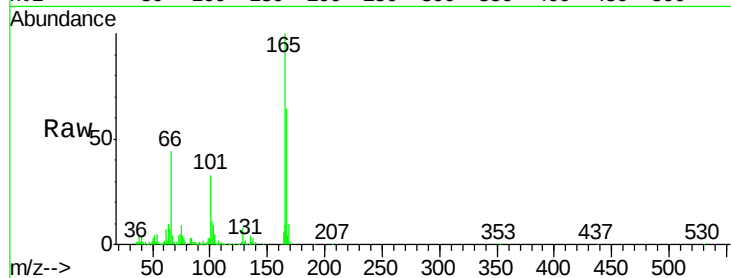




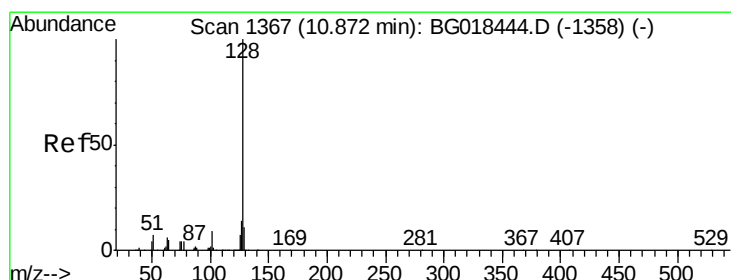
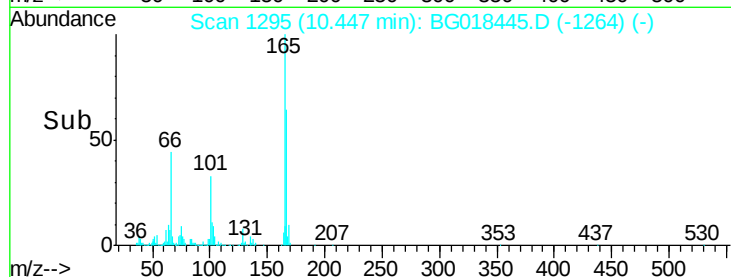
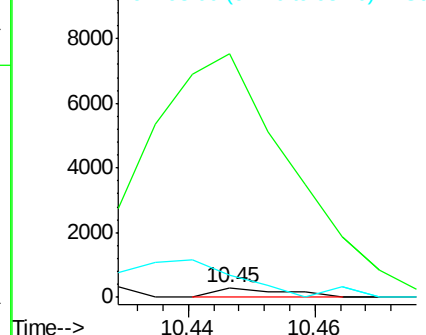
#27
 2,4-Dichlorophenol
 Concen: 0.03 ng/ul
 RT: 10.45 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BG018445.D
 Acq: 17 Aug 2015 9:47

Instrument :
 BNA_G
 ClientSampleId :
 MDL-BLK-S

Tgt Ion:162 Resp: 219
 Ion Ratio Lower Upper
 162 100
 164 2477.0 51.7 77.5#
 98 226.0 30.4 45.6#

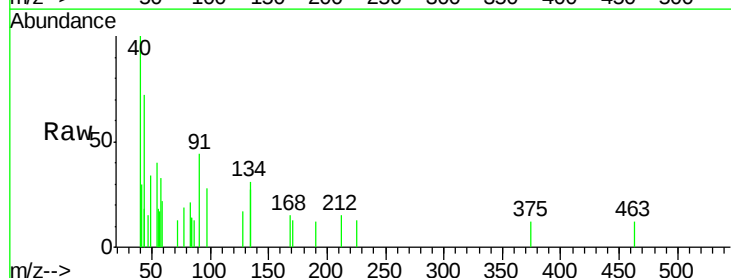


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

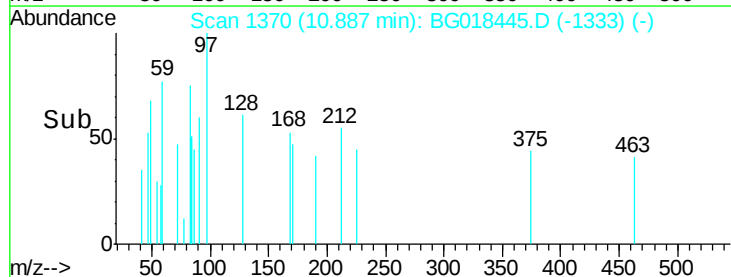
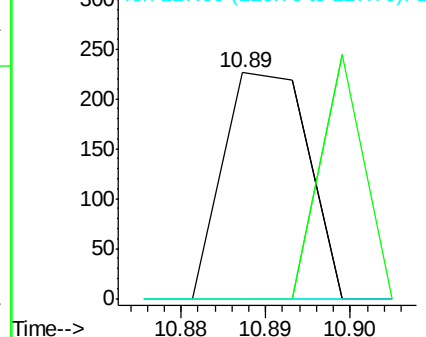


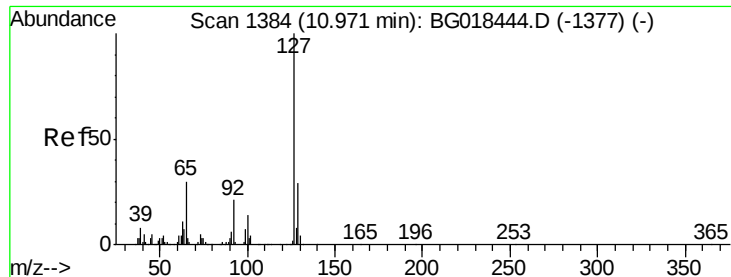
#28
 Naphthalene
 Concen: 0.01 ng/ul
 RT: 10.89 min Scan# 1370
 Delta R.T. 0.02 min
 Lab File: BG018445.D
 Acq: 17 Aug 2015 9:47

Tgt Ion:128 Resp: 157
 Ion Ratio Lower Upper
 128 100
 129 0.0 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

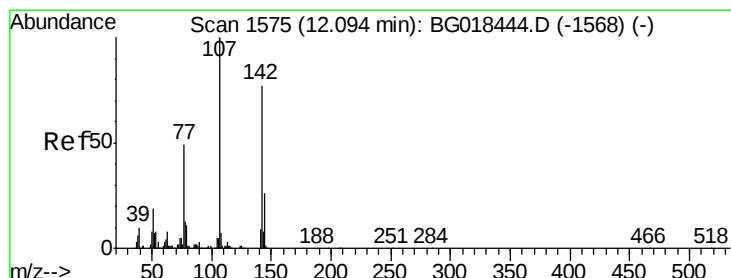
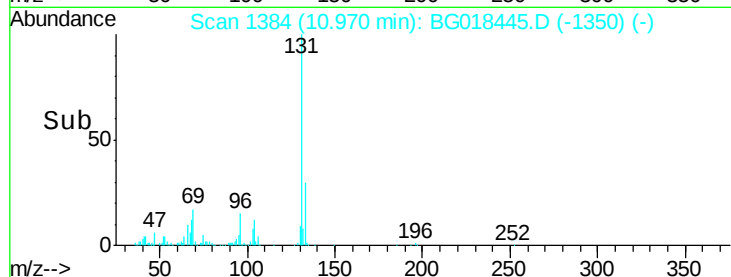
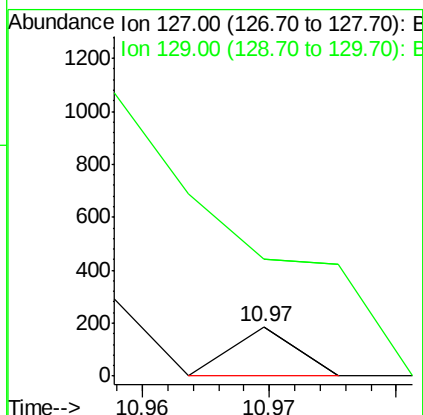
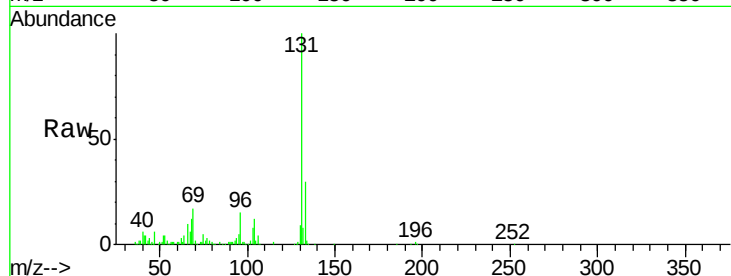




#30
4-Chloroaniline
Concen: 0.01 ng/ul
RT: 10.97 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BG018445.D
Acq: 17 Aug 2015 9:47

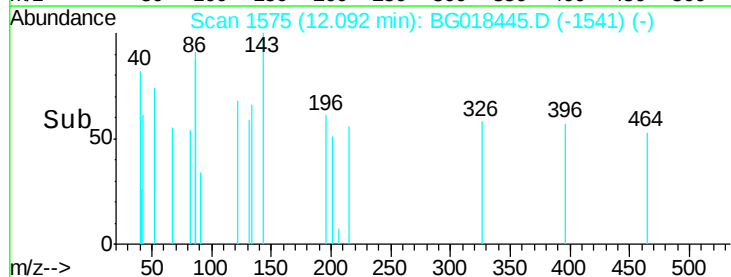
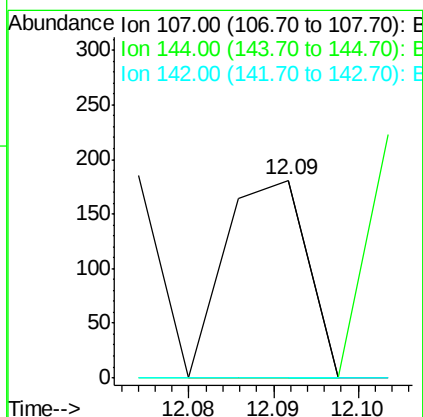
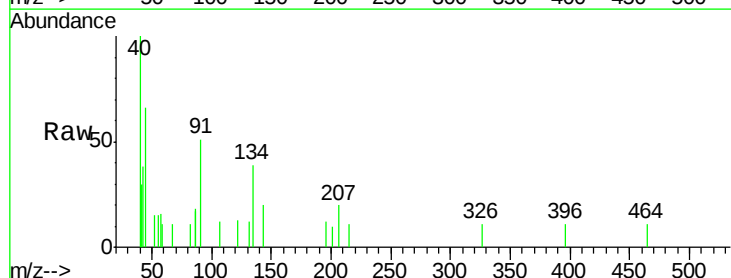
Instrument :
BNA_G
ClientSampleId :
MDL-BLK-S

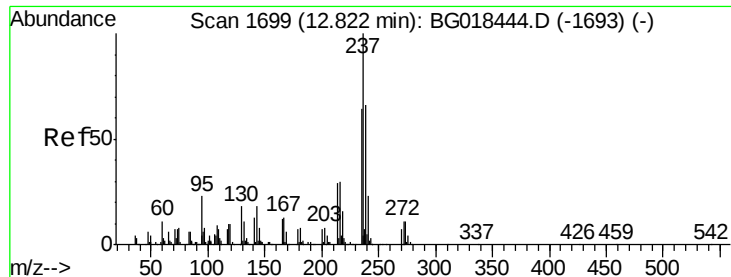
Tgt Ion:127 Resp: 66
Ion Ratio Lower Upper
127 100
129 234.6 26.7 40.1#



#33
4-Chloro-3-methylphenol
Concen: 0.01 ng/ul
RT: 12.09 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BG018445.D
Acq: 17 Aug 2015 9:47

Tgt Ion:107 Resp: 122
Ion Ratio Lower Upper
107 100
144 0.0 21.4 32.2#
142 0.0 66.0 99.0#

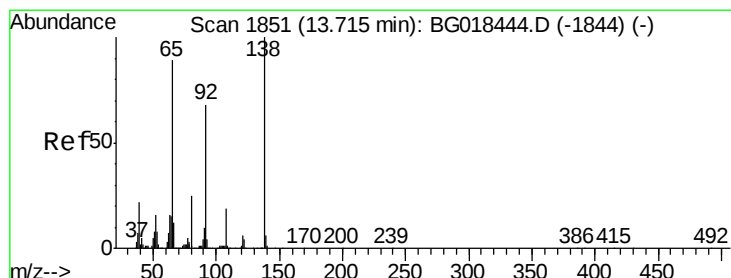
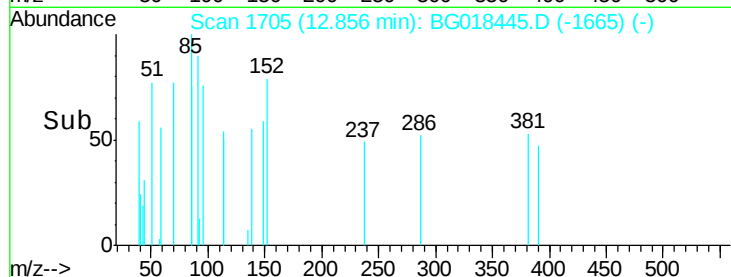
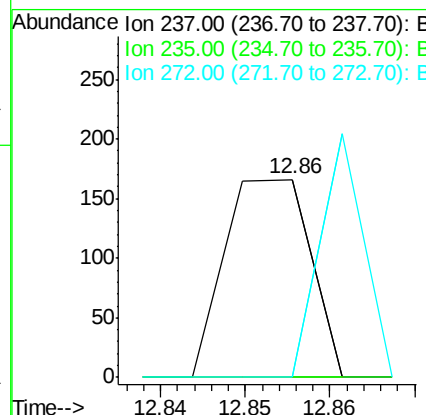
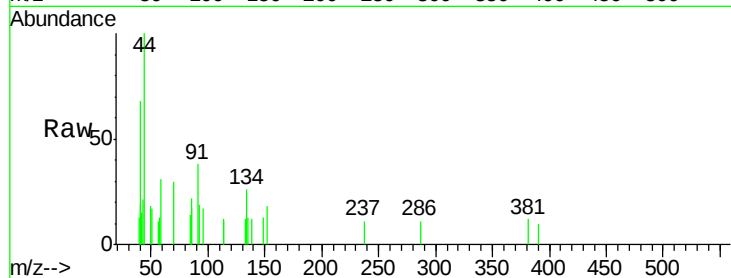




#38
Hexachlorocyclopentadiene
Concen: 0.02 ng/ul
RT: 12.86 min Scan# 1705
Delta R.T. 0.03 min
Lab File: BG018445.D
Acq: 17 Aug 2015 9:47

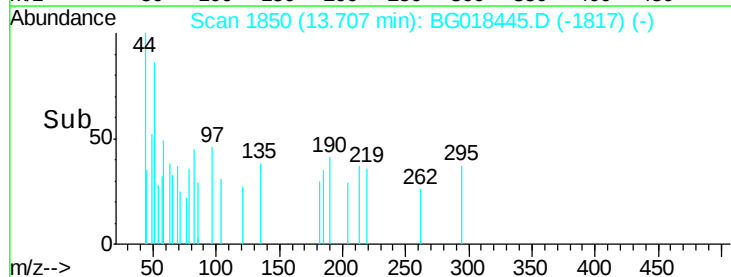
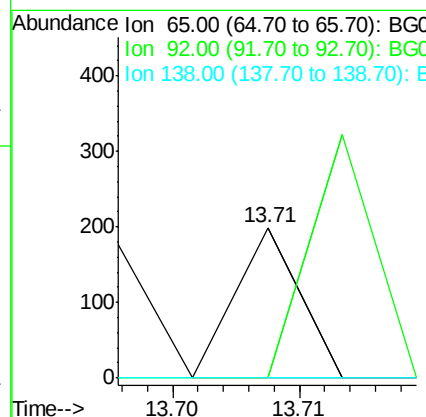
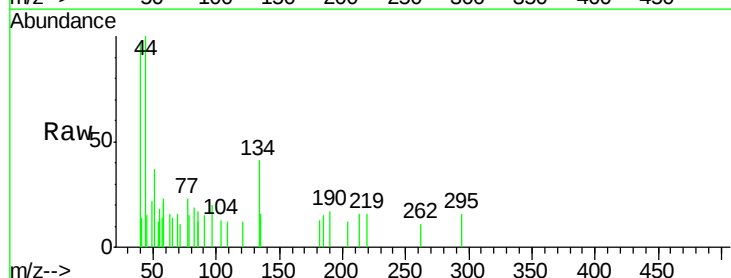
Instrument :
BNA_G
ClientSampleId :
MDL-BLK-S

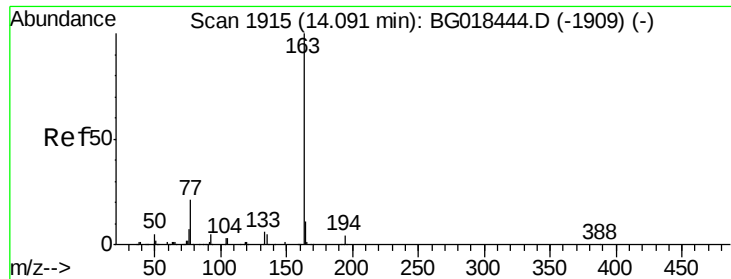
Tgt Ion: 237 Resp: 117
Ion Ratio Lower Upper
237 100
235 0.0 45.6 68.4#
272 0.0 9.0 13.4#



#43
2-Nitroaniline
Concen: 0.01 ng/ul
RT: 13.71 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BG018445.D
Acq: 17 Aug 2015 9:47

Tgt Ion: 65 Resp: 70
Ion Ratio Lower Upper
65 100
92 0.0 51.1 76.7#
138 0.0 75.1 112.7#





#45

Dimethylphthalate

Concen: 0.05 ng/ul

RT: 14.04 min Scan# 1907

Delta R.T. -0.05 min

Lab File: BG018445.D

Acq: 17 Aug 2015 9:47

Instrument :

BNA_G

ClientSampleId :

MDL-BLK-S

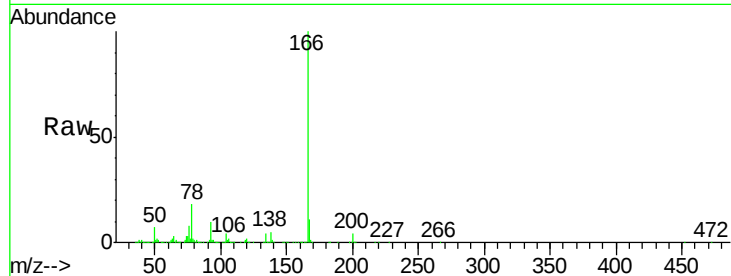
Tgt Ion:163 Resp: 1266

Ion Ratio Lower Upper

163 100

194 0.0 2.9 4.3#

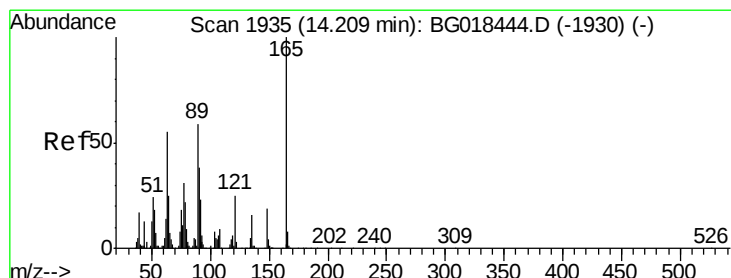
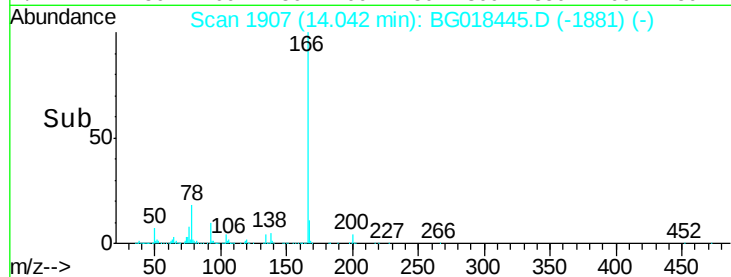
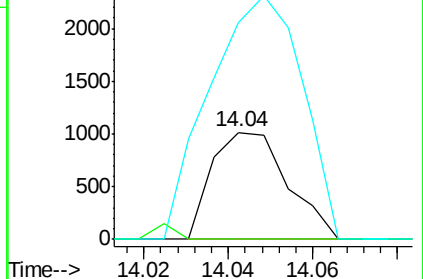
164 203.0 7.7 11.5#



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: 0.03 ng/ul

RT: 14.27 min Scan# 1946

Delta R.T. 0.06 min

Lab File: BG018445.D

Acq: 17 Aug 2015 9:47

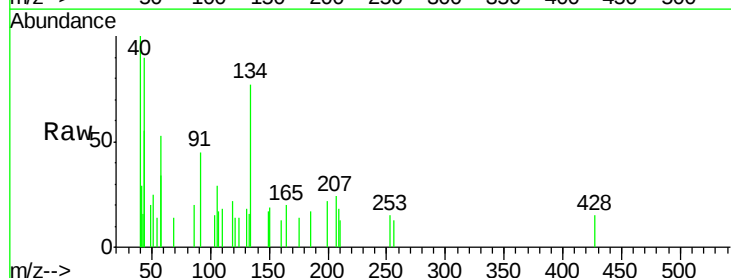
Tgt Ion:165 Resp: 150

Ion Ratio Lower Upper

165 100

89 0.0 50.2 75.2#

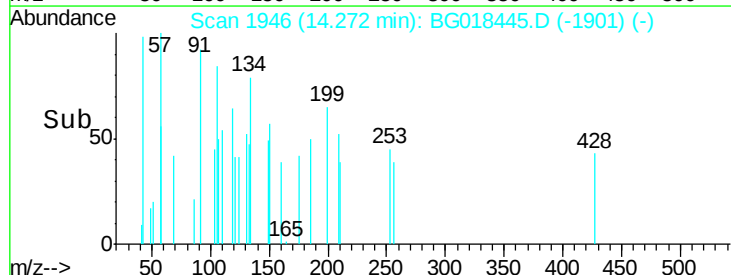
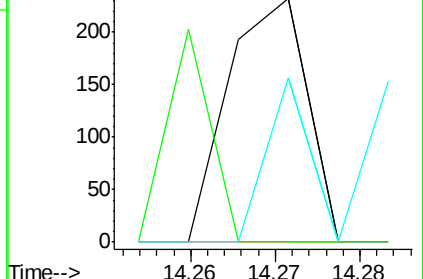
121 67.7 19.4 29.2#

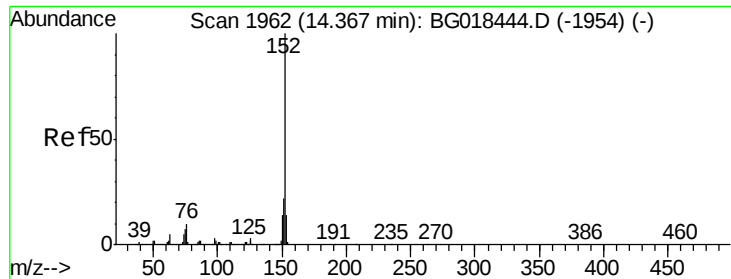


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#48

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.34 min Scan# 1958

Delta R.T. -0.03 min

Lab File: BG018445.D

Acq: 17 Aug 2015 9:47

Instrument :

BNA_G

ClientSampleId :

MDL-BLK-S

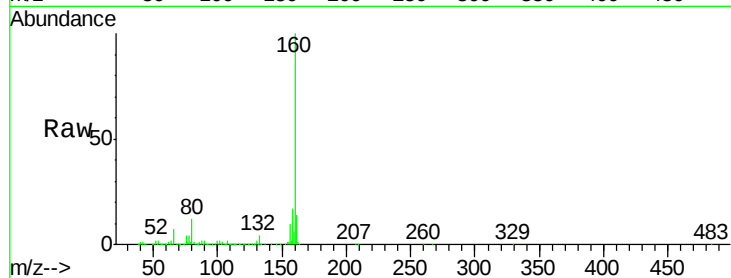
Tgt Ion:152 Resp: 332

Ion Ratio Lower Upper

152 100

151 0.0 15.4 23.2#

153 0.0 10.8 16.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

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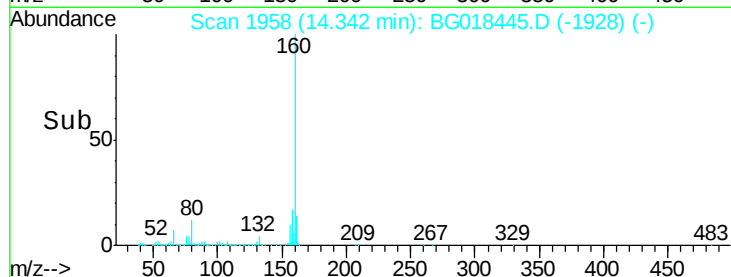
14.34

14.34

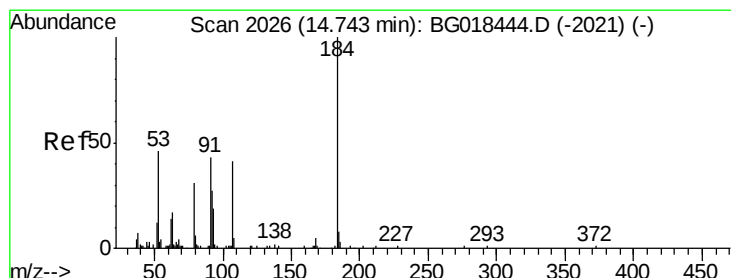
14.34

14.34

14.34



Time--> 14.32 14.34 14.36



#51

2,4-Dinitrophenol

Concen: 0.05 ng/ul

RT: 14.86 min Scan# 2046

Delta R.T. 0.12 min

Lab File: BG018445.D

Acq: 17 Aug 2015 9:47

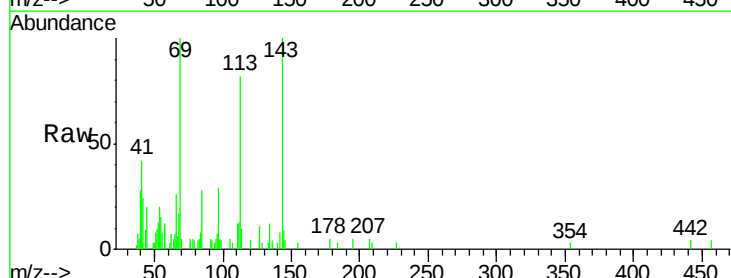
Tgt Ion:184 Resp: 123

Ion Ratio Lower Upper

184 100

63 0.0 55.3 82.9#

154 79.7 58.2 87.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

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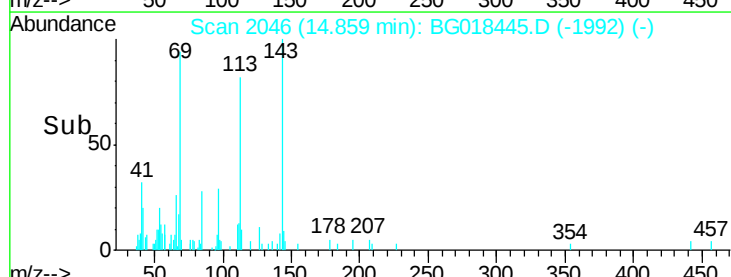
14.86

14.86

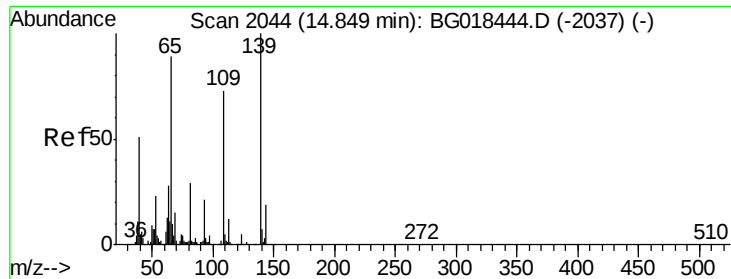
14.86

14.86

14.86



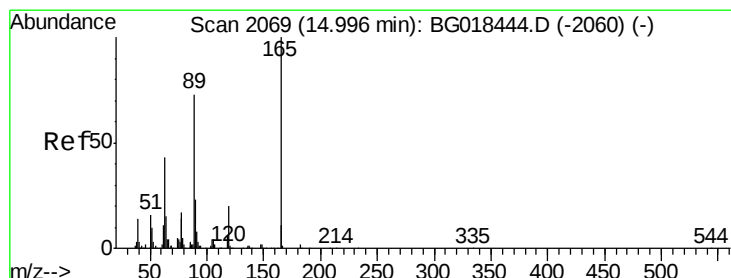
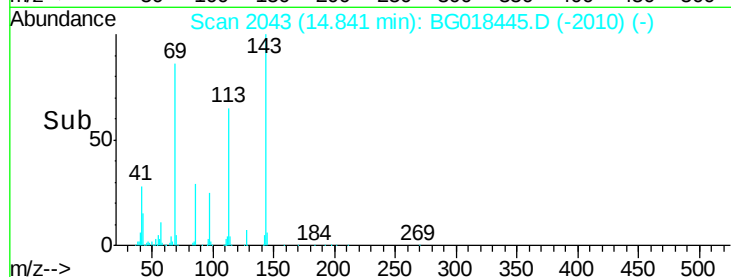
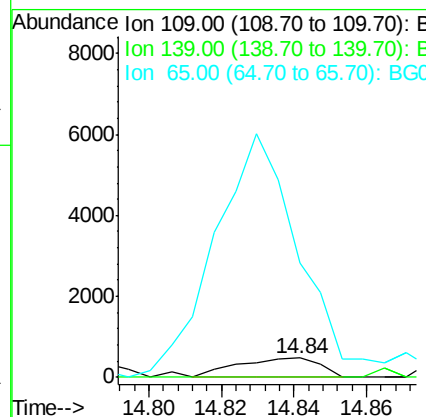
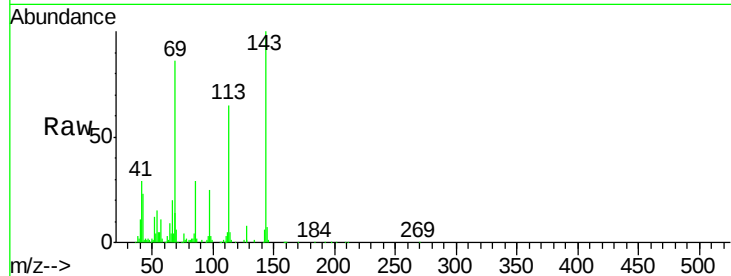
Time--> 14.85 14.86 14.87



#53
4-Nitrophenol
Concen: 0.17 ng/ul
RT: 14.84 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BG018445.D
Acq: 17 Aug 2015 9:47

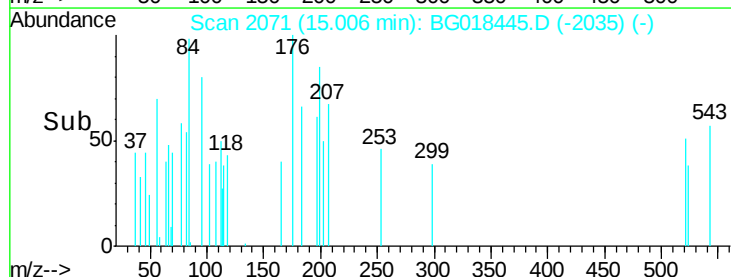
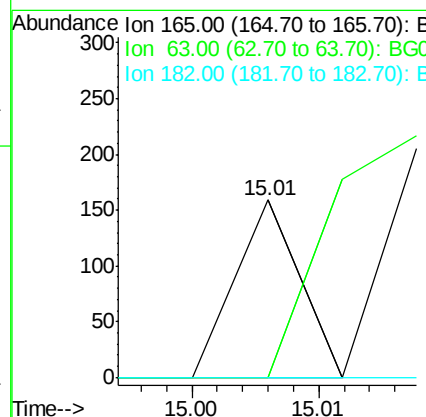
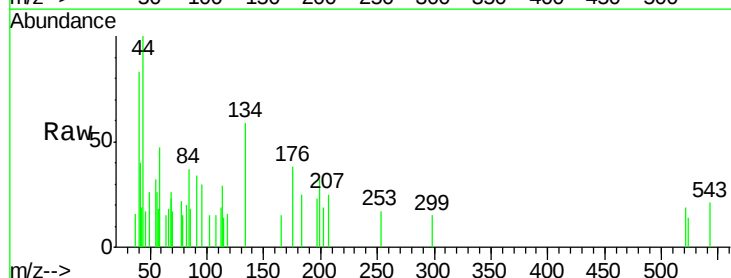
Instrument :
BNA_G
ClientSampleId :
MDL-BLK-S

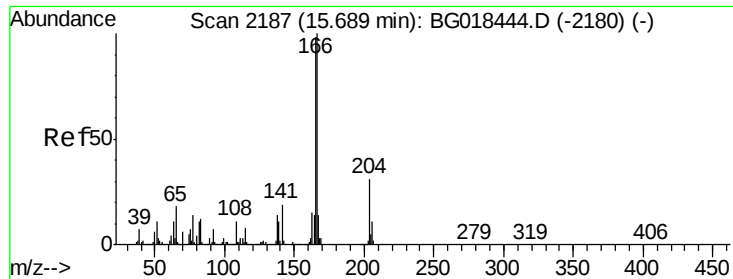
Tgt Ion	Ratio	Lower	Upper
109	100		
139	0.0	111.3	166.9#
65	594.3	105.3	157.9#



#55
2,4-Dinitrotoluene
Concen: 0.01 ng/ul
RT: 15.01 min Scan# 2071
Delta R.T. 0.01 min
Lab File: BG018445.D
Acq: 17 Aug 2015 9:47

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





#59

Fluorene

Concen: 0.00 ng/ul

RT: 15.73 min Scan# 2194

Delta R.T. 0.04 min

Lab File: BG018445.D

Acq: 17 Aug 2015 9:47

Instrument :

BNA_G

ClientSampleId :

MDL-BLK-S

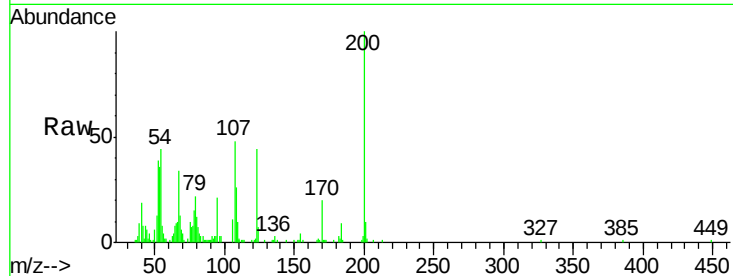
Tgt Ion:166 Resp: 117

Ion Ratio Lower Upper

166 100

165 0.0 82.6 124.0#

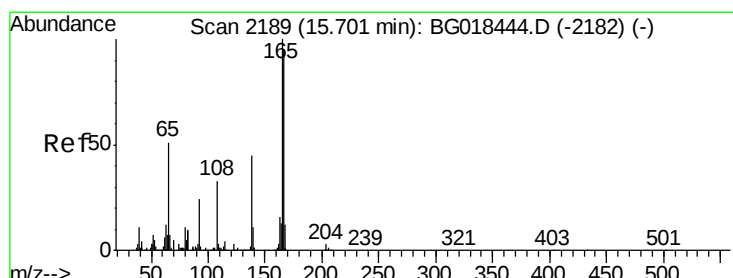
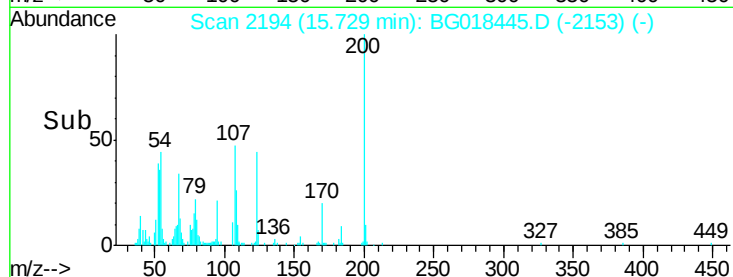
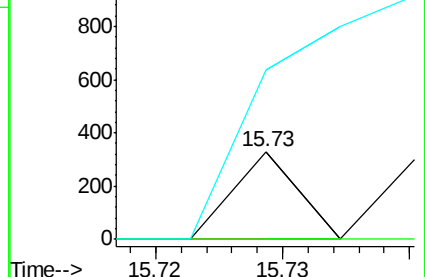
167 192.1 11.4 17.0#



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: 0.14 ng/ul

RT: 15.74 min Scan# 2196

Delta R.T. 0.04 min

Lab File: BG018445.D

Acq: 17 Aug 2015 9:47

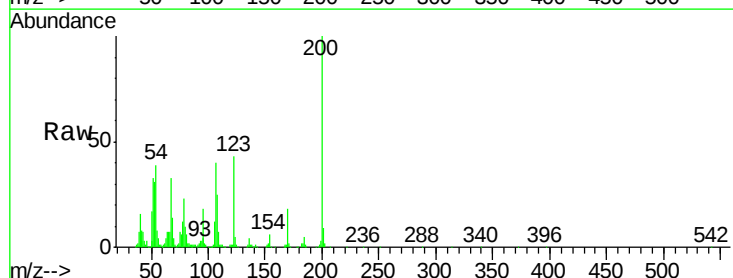
Tgt Ion:138 Resp: 829

Ion Ratio Lower Upper

138 100

92 201.6 44.0 66.0#

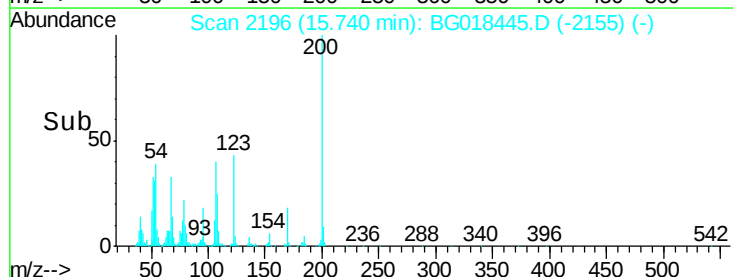
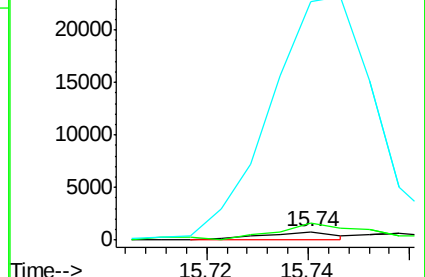
108 2869.3 64.6 97.0#

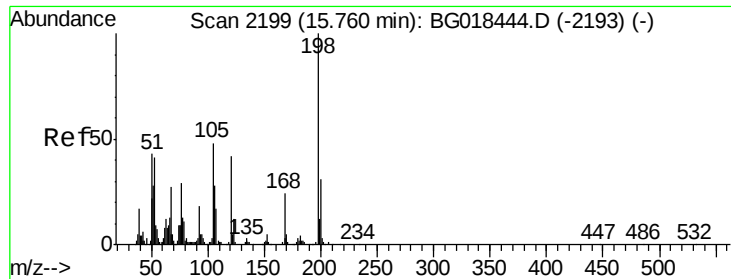


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG0

Ion 108.00 (107.70 to 108.70): E

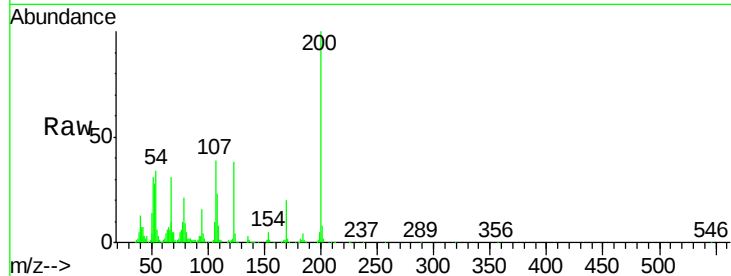




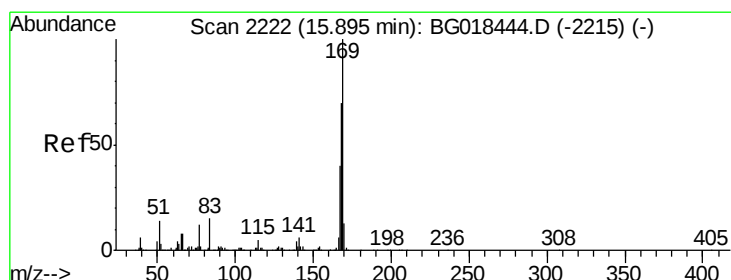
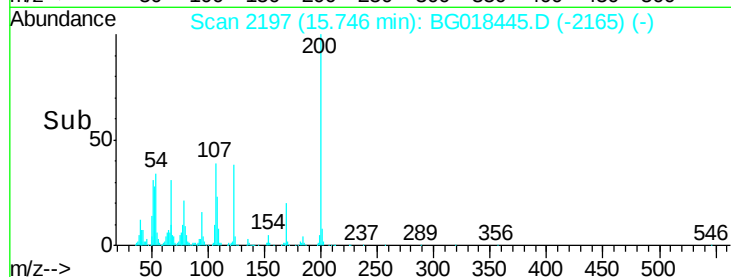
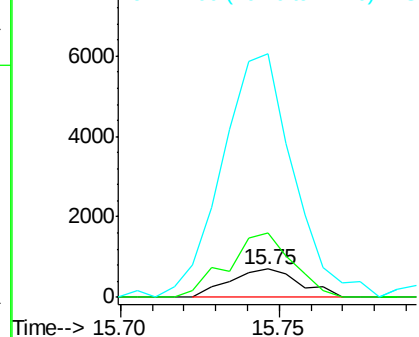
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.24 ng/ul
 RT: 15.75 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BG018445.D
 Acq: 17 Aug 2015 9:47

Instrument :
 BNA_G
 ClientSampleId :
 MDL-BLK-S

Tgt Ion:198 Resp: 1077
 Ion Ratio Lower Upper
 198 100
 182 227.8 3.4 5.0#
 77 862.5 22.4 33.6#

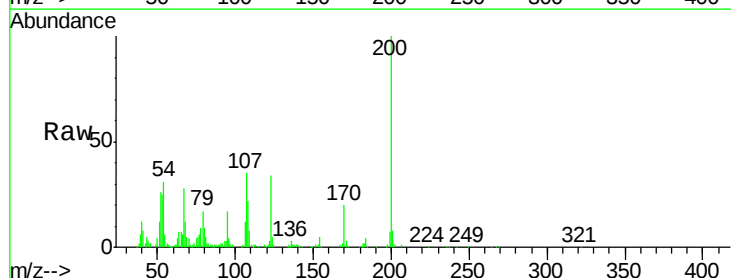


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): B

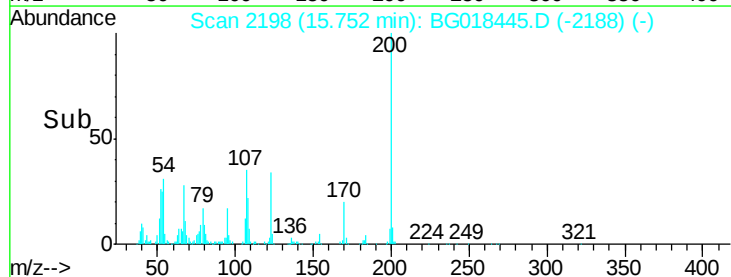
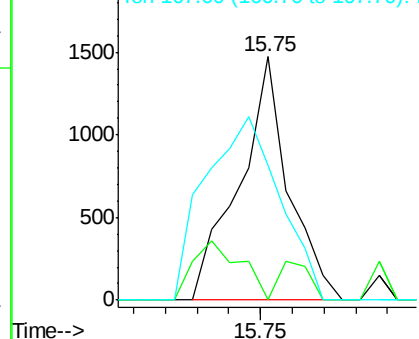


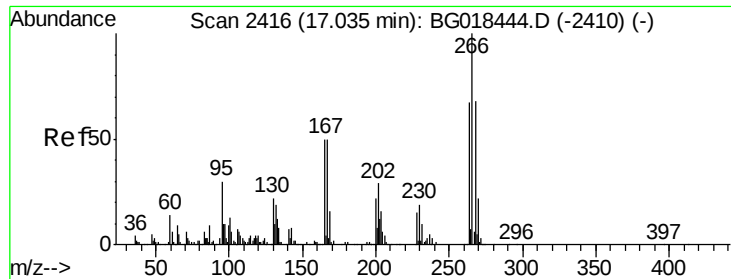
#65
 N-Nitrosodiphenylamine
 Concen: 0.06 ng/ul
 RT: 15.75 min Scan# 2198
 Delta R.T. -0.14 min
 Lab File: BG018445.D
 Acq: 17 Aug 2015 9:47

Tgt Ion:169 Resp: 1591
 Ion Ratio Lower Upper
 169 100
 168 0.0 60.2 90.2#
 167 55.5 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





#69

Pentachlorophenol

Concen: 0.02 ng/ul

RT: 16.96 min Scan# 2403

Delta R.T. -0.08 min

Lab File: BG018445.D

Acq: 17 Aug 2015 9:47

Instrument :

BNA_G

ClientSampled :

MDL-BLK-S

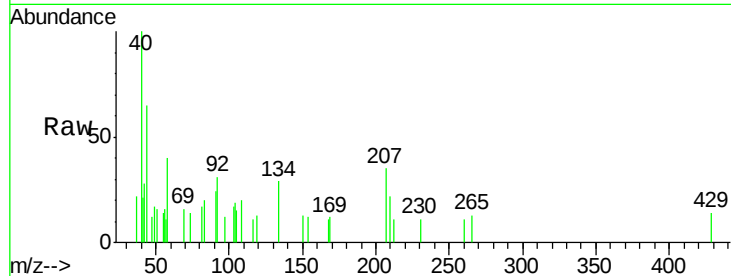
Tgt Ion:266 Resp: 120

Ion Ratio Lower Upper

266 100

264 0.0 55.4 83.0#

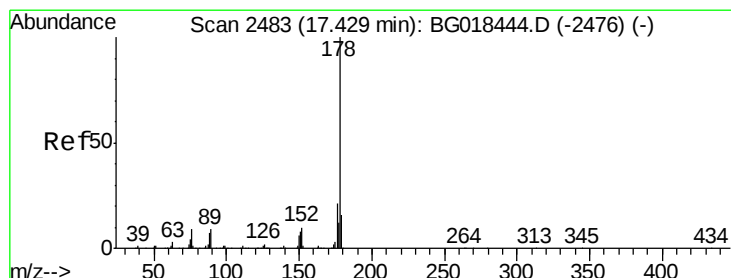
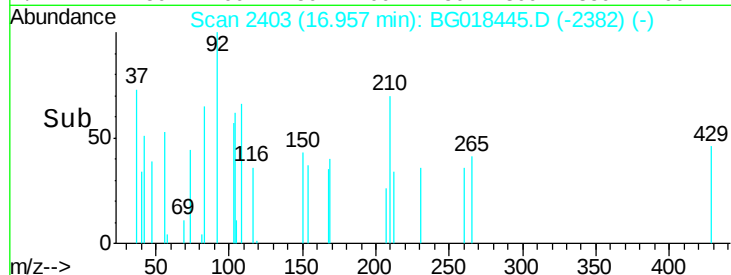
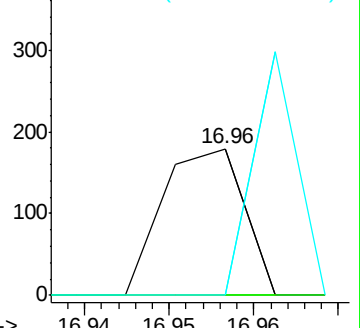
268 0.0 53.6 80.4#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#70

Phenanthrene

Concen: 0.01 ng/ul

RT: 17.43 min Scan# 2483

Delta R.T. -0.00 min

Lab File: BG018445.D

Acq: 17 Aug 2015 9:47

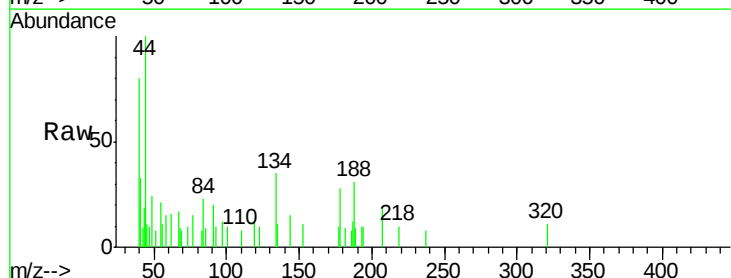
Tgt Ion:178 Resp: 328

Ion Ratio Lower Upper

178 100

179 0.0 13.7 20.5#

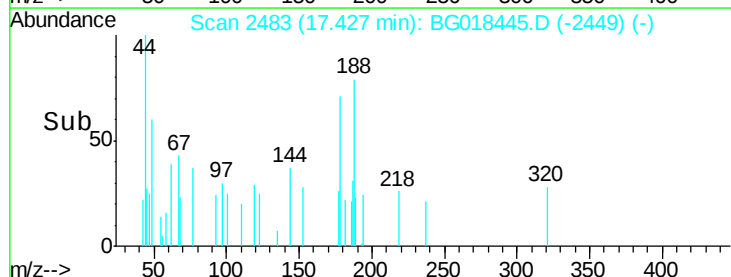
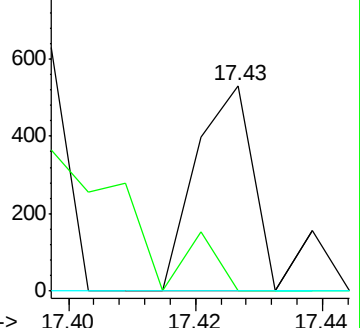
176 0.0 16.6 24.8#

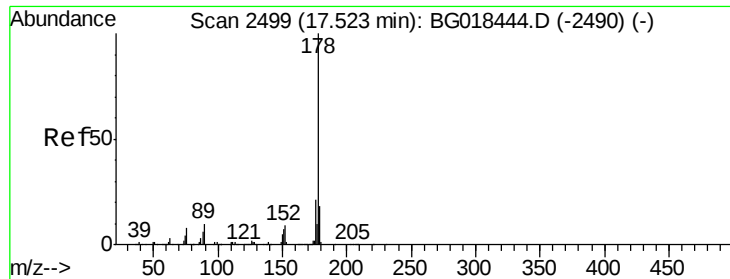


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 0.02 ng/ul

RT: 17.49 min Scan# 2493

Delta R.T. -0.04 min

Lab File: BG018445.D

Acq: 17 Aug 2015 9:47

Instrument :

BNA_G

ClientSampleId :

MDL-BLK-S

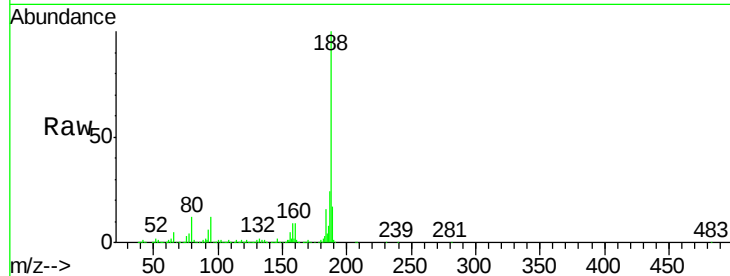
Tgt Ion:178 Resp: 1072

Ion Ratio Lower Upper

178 100

179 89.5 13.0 19.4#

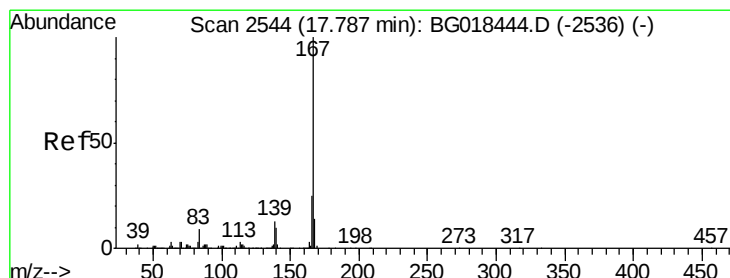
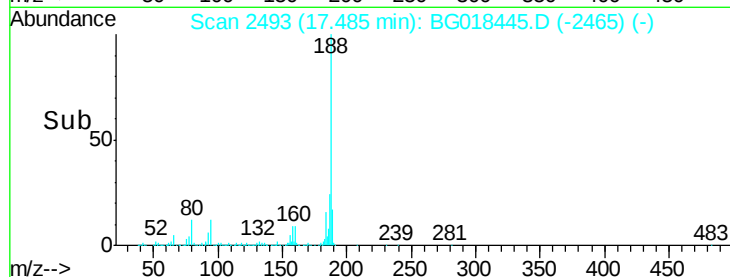
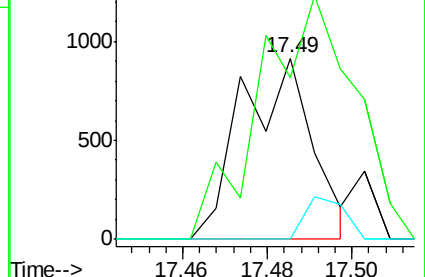
176 0.0 16.0 24.0#



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



#75

Carbazole

Concen: 0.01 ng/ul

RT: 17.77 min Scan# 2542

Delta R.T. -0.01 min

Lab File: BG018445.D

Acq: 17 Aug 2015 9:47

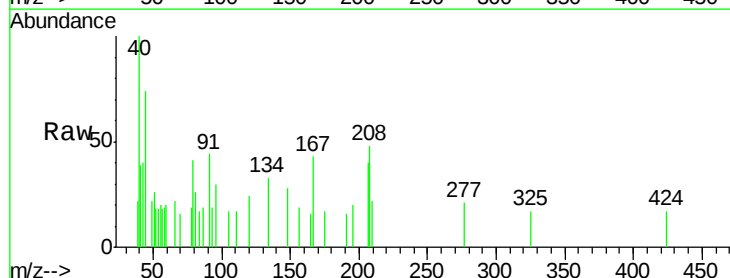
Tgt Ion:167 Resp: 209

Ion Ratio Lower Upper

167 100

166 0.0 18.9 28.3#

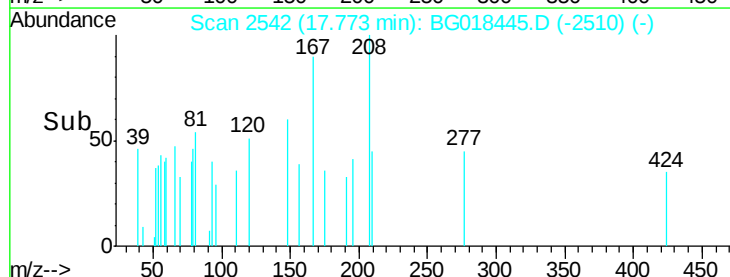
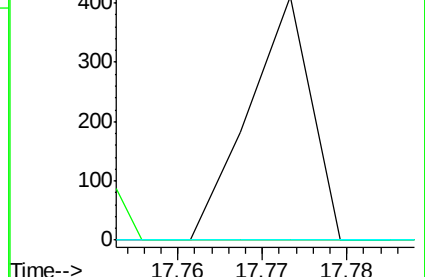
139 0.0 10.1 15.1#

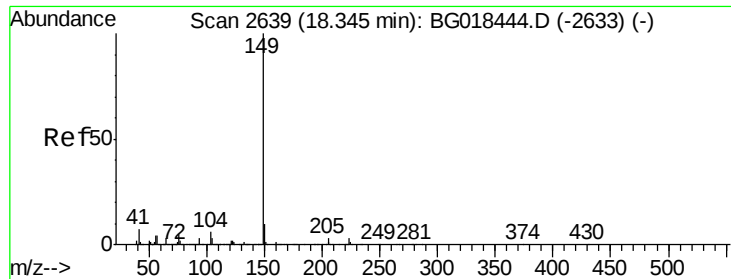


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

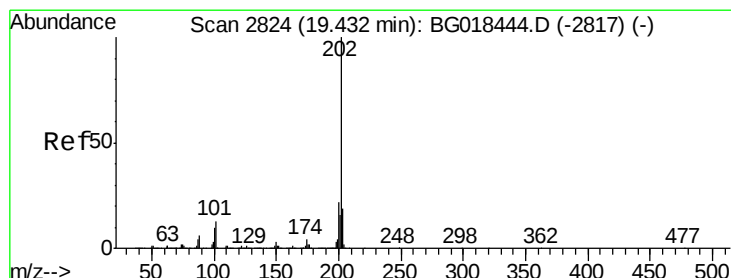
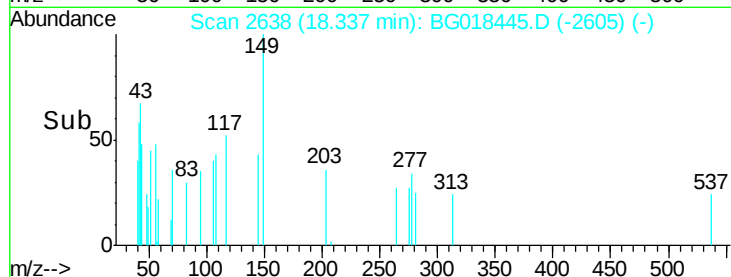
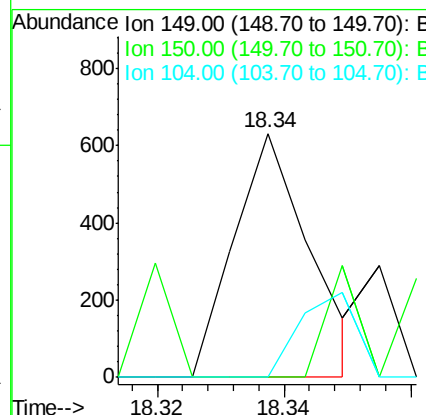
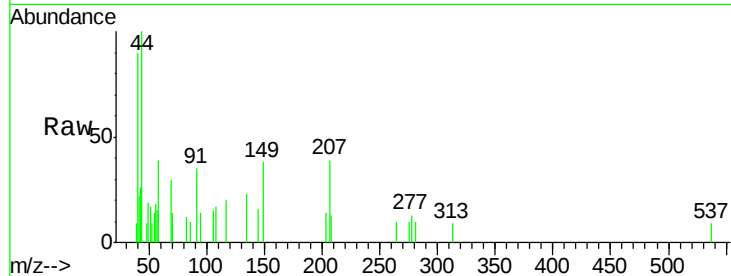




#76
Di-n-butylphthalate
Concen: 0.01 ng/ul
RT: 18.34 min Scan# 2638
Delta R.T. -0.01 min
Lab File: BG018445.D
Acq: 17 Aug 2015 9:47

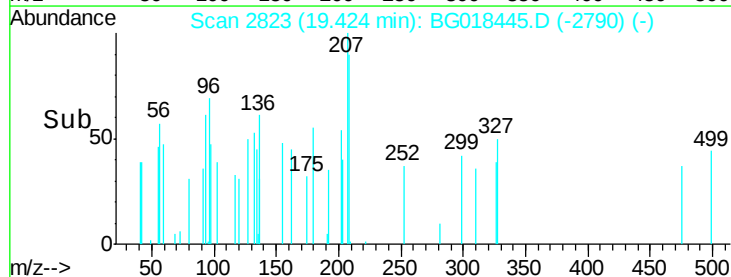
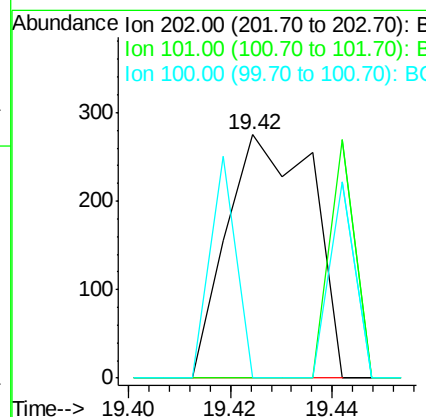
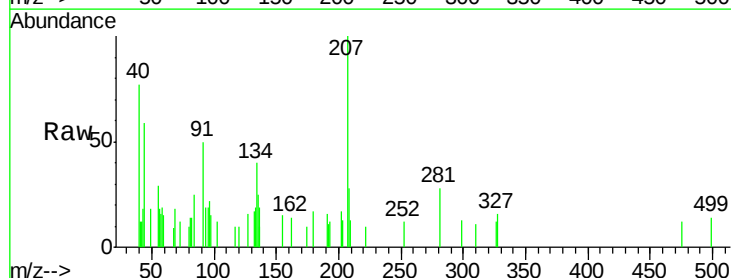
Instrument :
BNA_G
ClientSampleId :
MDL-BLK-S

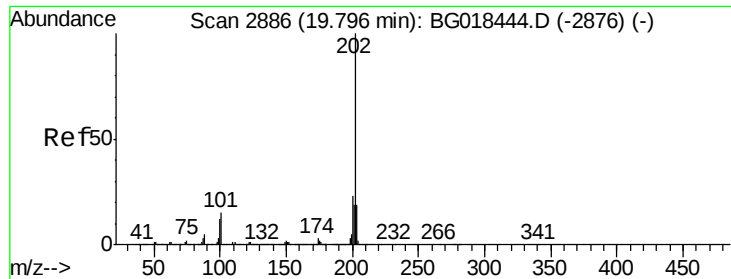
Tgt Ion:149 Resp: 516
Ion Ratio Lower Upper
149 100
150 0.0 7.5 11.3#
104 0.0 4.3 6.5#



#77
Fluoranthene
Concen: 0.01 ng/ul
RT: 19.42 min Scan# 2823
Delta R.T. -0.01 min
Lab File: BG018445.D
Acq: 17 Aug 2015 9:47

Tgt Ion:202 Resp: 322
Ion Ratio Lower Upper
202 100
101 0.0 9.7 14.5#
100 0.0 7.8 11.8#





#80

Pyrene

Concen: 0.00 ng/ul

RT: 19.81 min Scan# 2889

Delta R.T. 0.02 min

Lab File: BG018445.D

Acq: 17 Aug 2015 9:47

Instrument :

BNA_G

ClientSampleId :

MDL-BLK-S

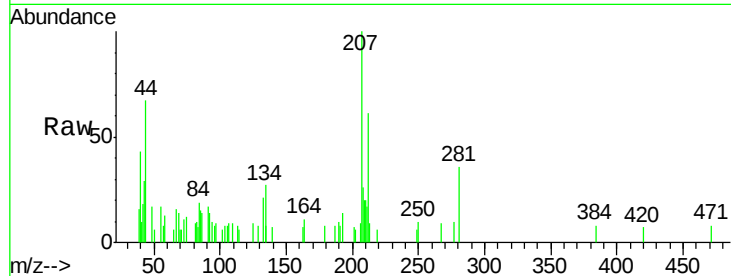
Tgt Ion:202 Resp: 60

Ion Ratio Lower Upper

202 100

101 0.0 11.0 16.4#

100 0.0 9.8 14.6#

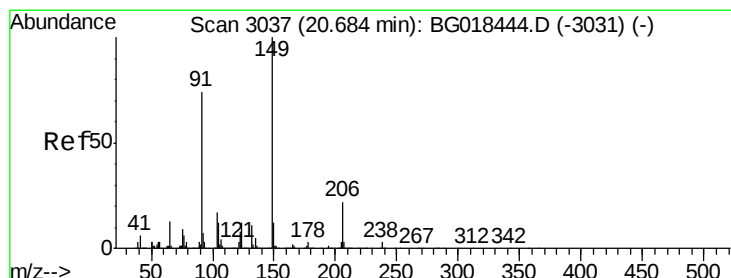
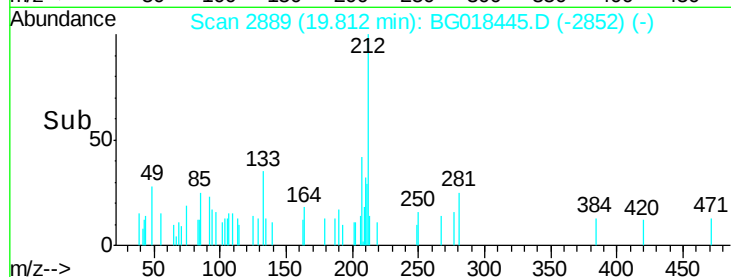
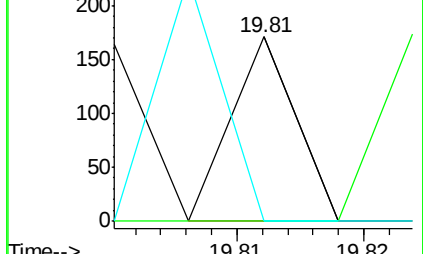


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



#81

Butylbenzylphthalate

Concen: 0.01 ng/ul

RT: 20.70 min Scan# 3040

Delta R.T. 0.02 min

Lab File: BG018445.D

Acq: 17 Aug 2015 9:47

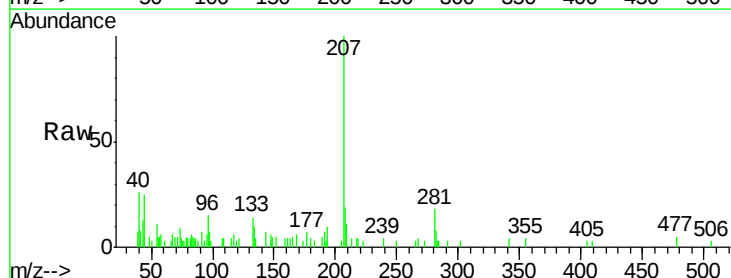
Tgt Ion:149 Resp: 222

Ion Ratio Lower Upper

149 100

91 152.3 57.9 86.9#

206 0.0 17.9 26.9#

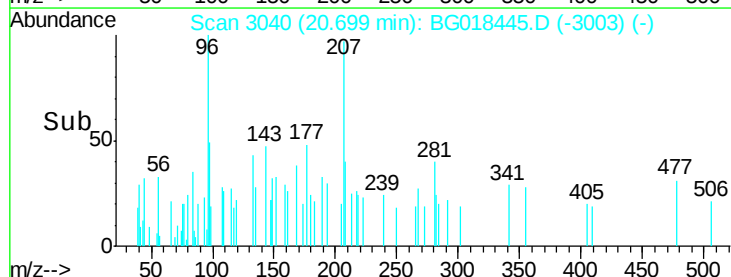
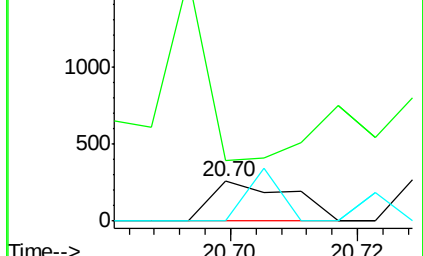


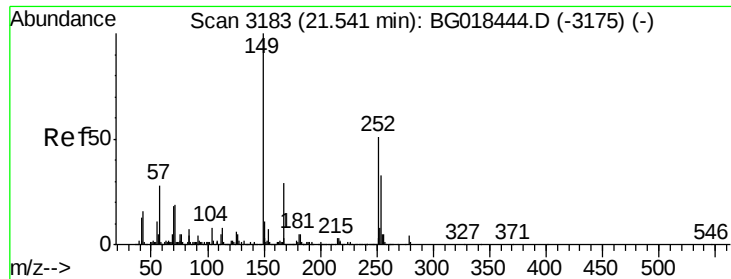
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

Time-->





#82

3,3'-Dichlorobenzidine

Concen: 0.01 ng/ul

RT: 21.55 min Scan# 3184

Delta R.T. 0.00 min

Lab File: BG018445.D

Acq: 17 Aug 2015 9:47

Instrument :

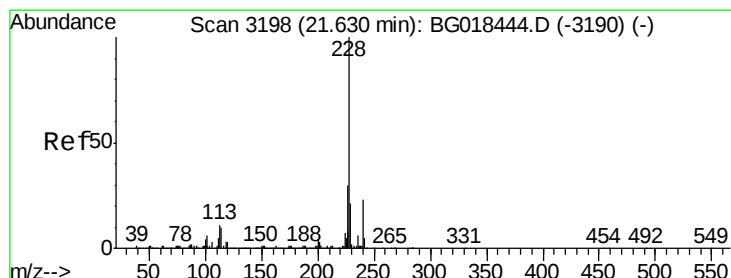
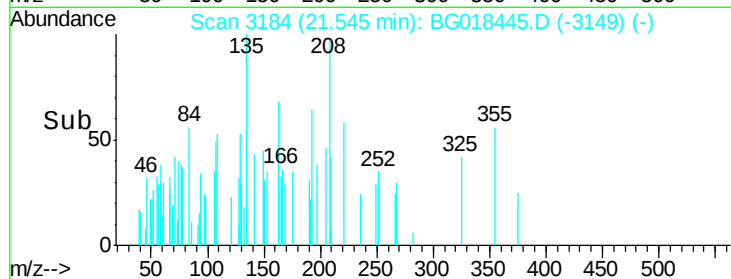
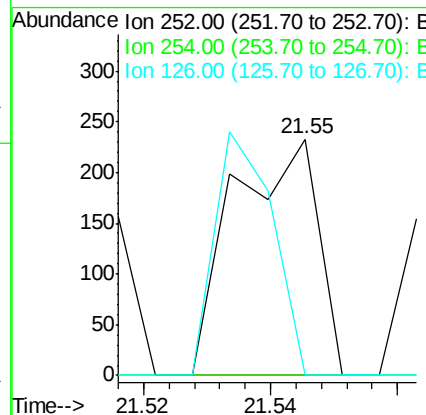
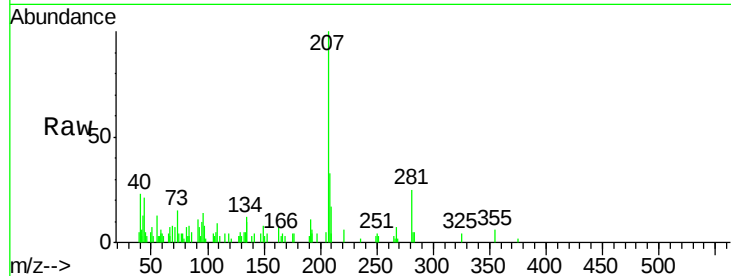
BNA_G

ClientSampleId :

MDL-BLK-S

Tgt Ion:252 Resp: 213

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: 0.00 ng/ul

RT: 21.61 min Scan# 3195

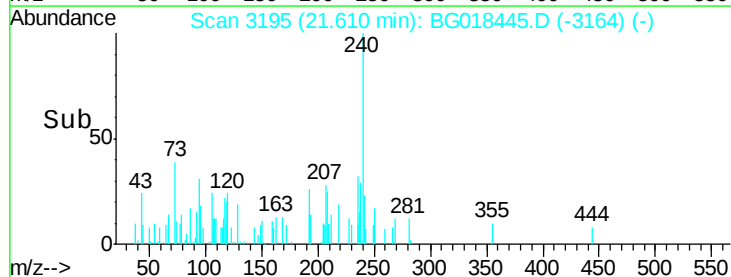
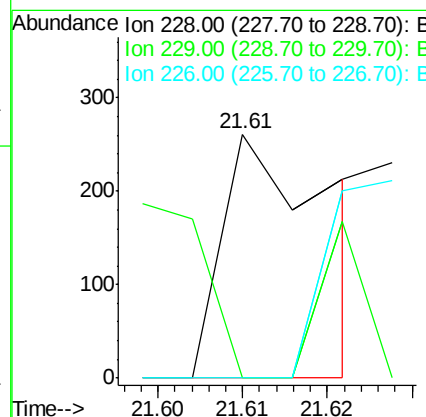
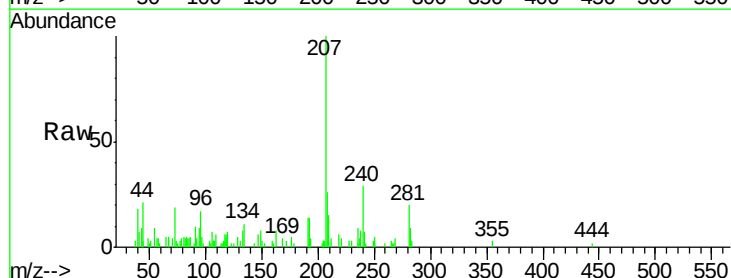
Delta R.T. -0.02 min

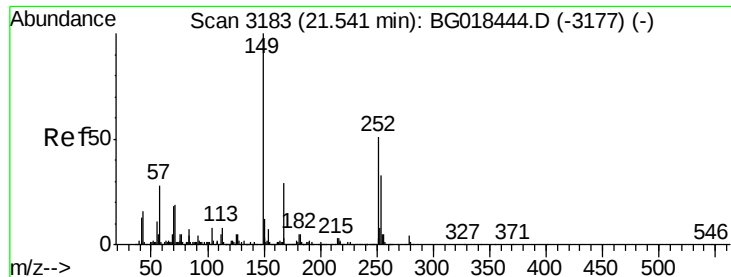
Lab File: BG018445.D

Acq: 17 Aug 2015 9:47

Tgt Ion:228 Resp: 230

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





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.03 ng/ul

RT: 21.55 min Scan# 3184

Delta R.T. 0.00 min

Lab File: BG018445.D

Acq: 17 Aug 2015 9:47

Instrument :

BNA_G

ClientSampleId :

MDL-BLK-S

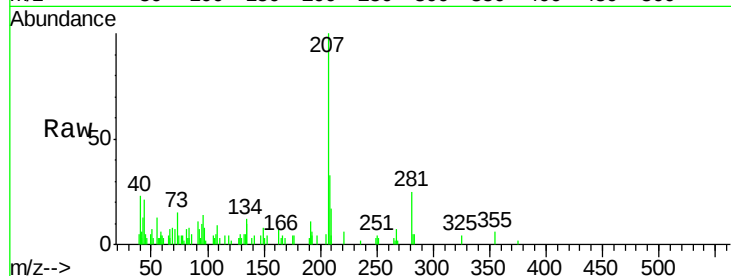
Tgt Ion:149 Resp: 936

Ion Ratio Lower Upper

149 100

167 0.0 22.2 33.2#

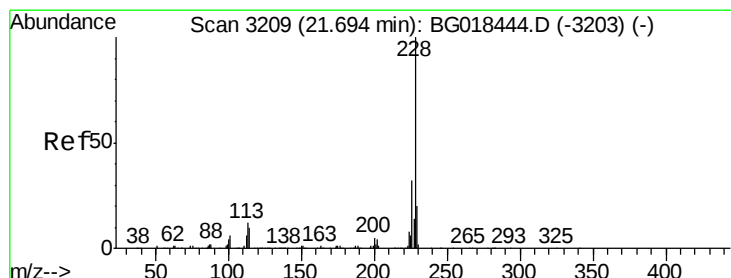
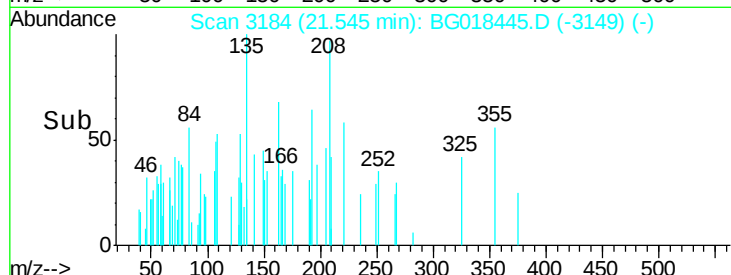
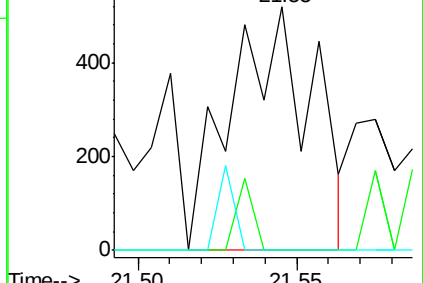
279 0.0 2.8 4.2#



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: 0.05 ng/ul

RT: 21.65 min Scan# 3201

Delta R.T. -0.05 min

Lab File: BG018445.D

Acq: 17 Aug 2015 9:47

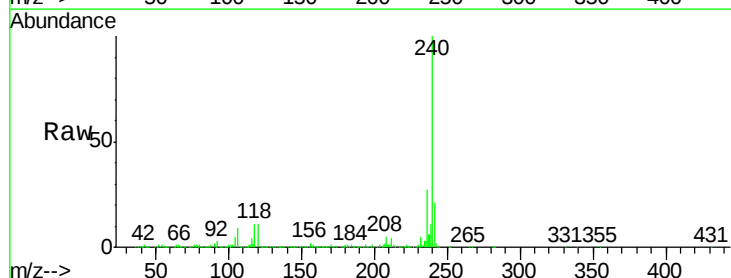
Tgt Ion:228 Resp: 2386

Ion Ratio Lower Upper

228 100

226 23.0 26.5 39.7#

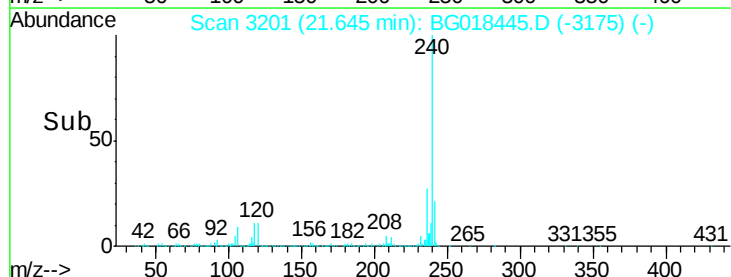
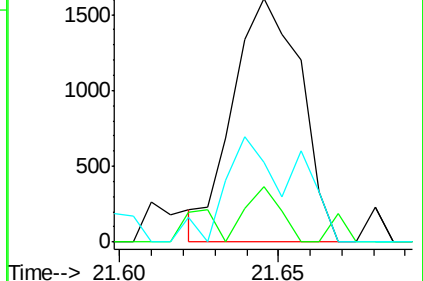
229 32.6 16.9 25.3#

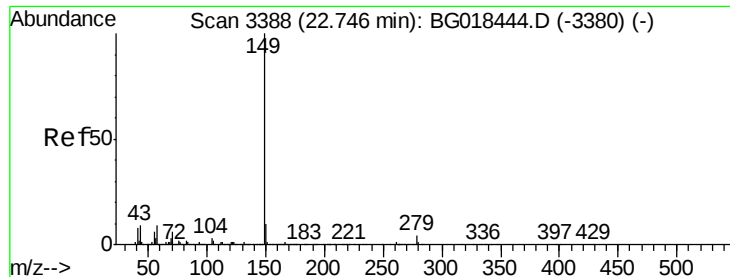


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

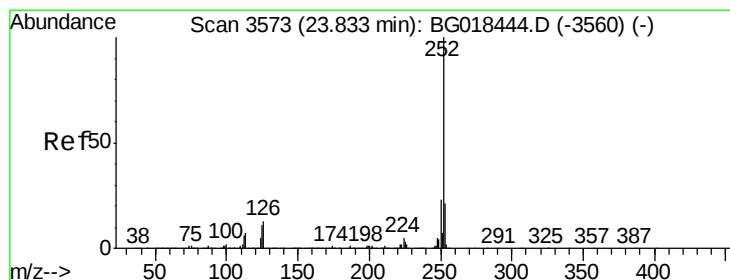
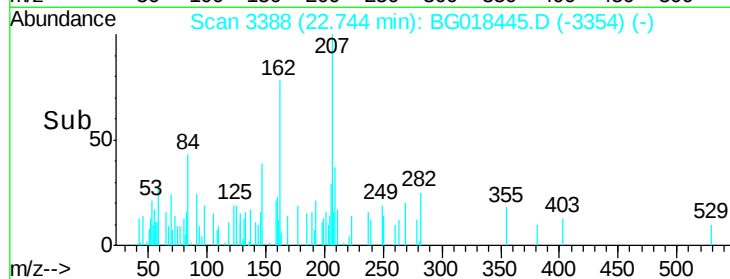
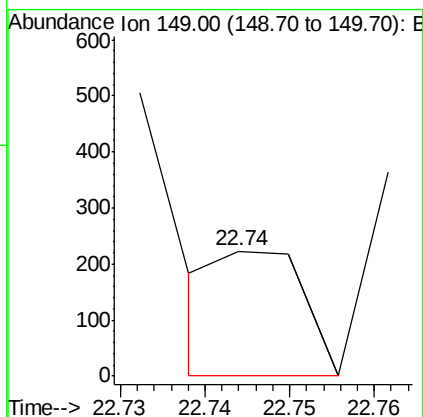
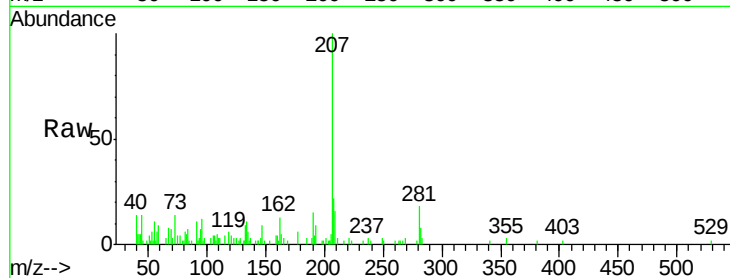




#87
 Di-n-octyl phthalate
 Concen: 0.00 ng/ul
 RT: 22.74 min Scan# 3388
 Delta R.T. -0.00 min
 Lab File: BG018445.D
 Acq: 17 Aug 2015 9:47

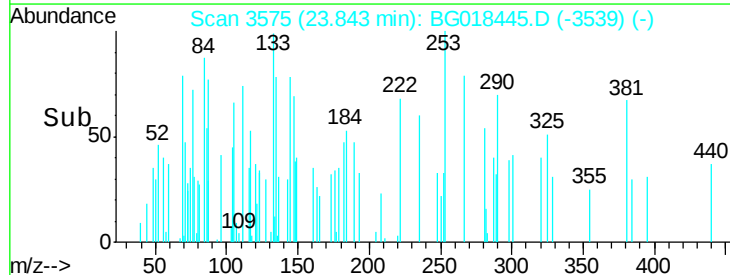
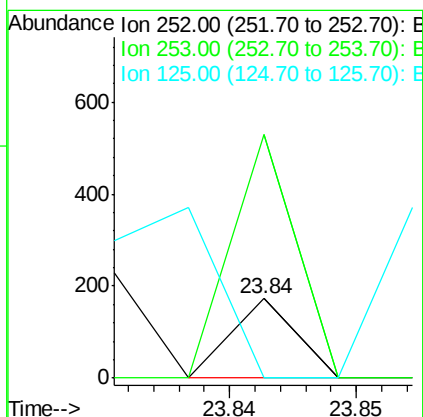
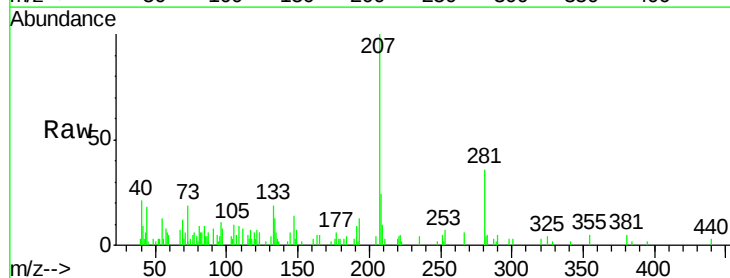
Instrument :
 BNA_G
 ClientSampleId :
 MDL-BLK-S

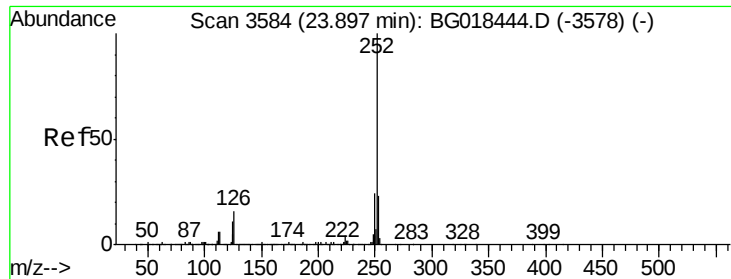
Tgt Ion:149 Resp: 156



#88
 Benzo(b)fluoranthene
 Concen: 0.00 ng/ul
 RT: 23.84 min Scan# 3575
 Delta R.T. 0.01 min
 Lab File: BG018445.D
 Acq: 17 Aug 2015 9:47

Tgt Ion:252 Resp: 61
 Ion Ratio Lower Upper
 252 100
 253 307.6 18.1 27.1#
 125 0.0 8.3 12.5#





#89

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 23.90 min Scan# 3585

Delta R.T. 0.00 min

Lab File: BG018445.D

Acq: 17 Aug 2015 9:47

Instrument :

BNA_G

ClientSampleId :

MDL-BLK-S

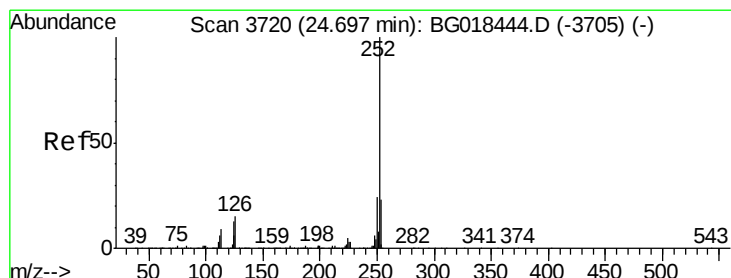
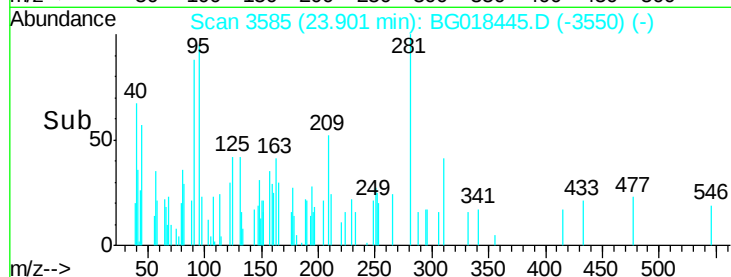
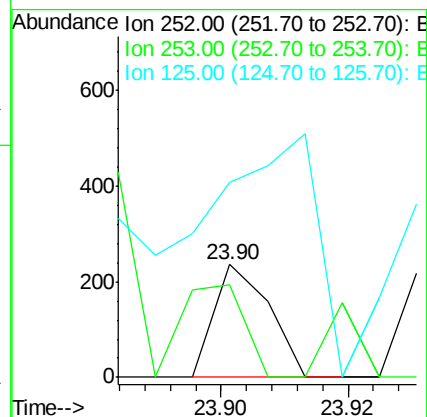
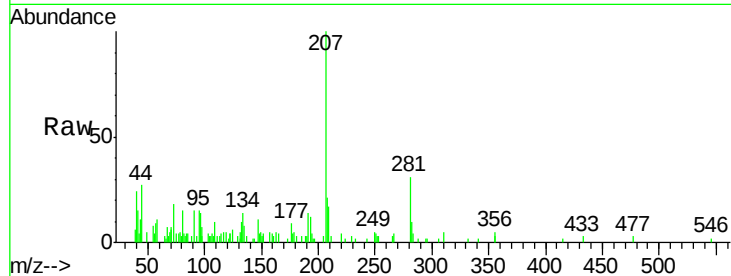
Tgt Ion:252 Resp: 139

Ion Ratio Lower Upper

252 100

253 82.2 17.8 26.6#

125 172.9 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: BG018445.D

Acq: 17 Aug 2015 9:47

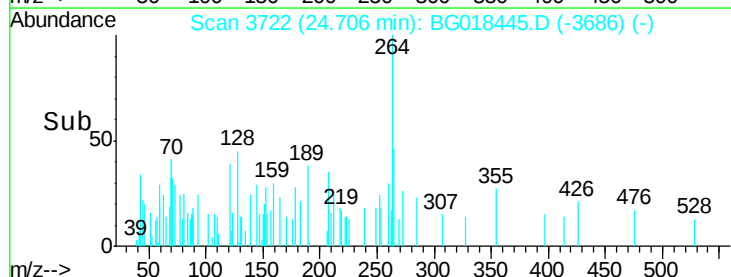
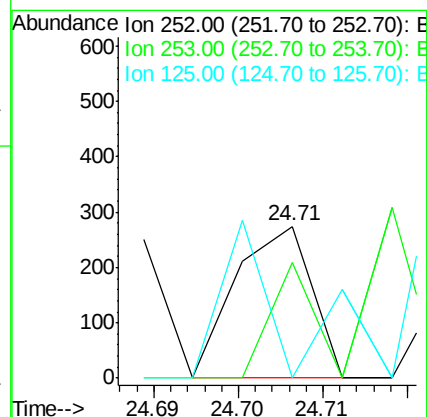
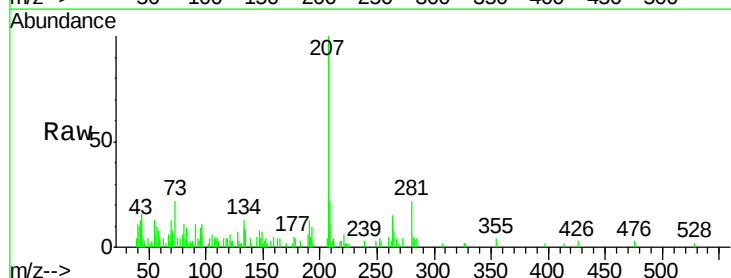
Tgt Ion:252 Resp: 171

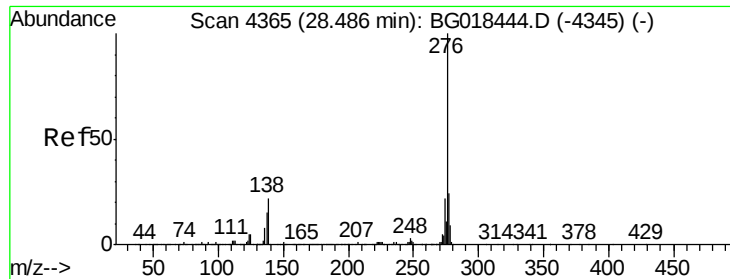
Ion Ratio Lower Upper

252 100

253 76.3 17.7 26.5#

125 0.0 10.2 15.2#





#92

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 28.44 min Scan# 4358

Delta R.T. -0.04 min

Lab File: BG018445.D

Acq: 17 Aug 2015 9:47

Instrument :

BNA_G

ClientSampleId :

MDL-BLK-S

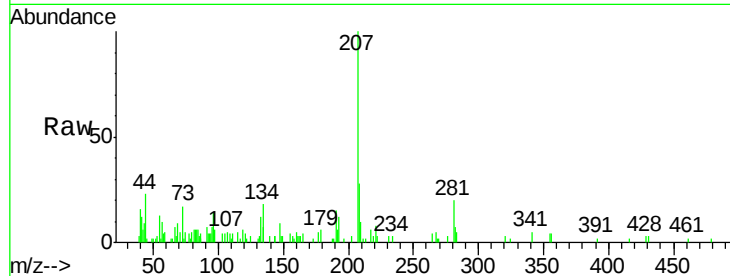
Tgt Ion: 276 Resp: 153

Ion Ratio Lower Upper

276 100

138 0.0 15.8 23.6#

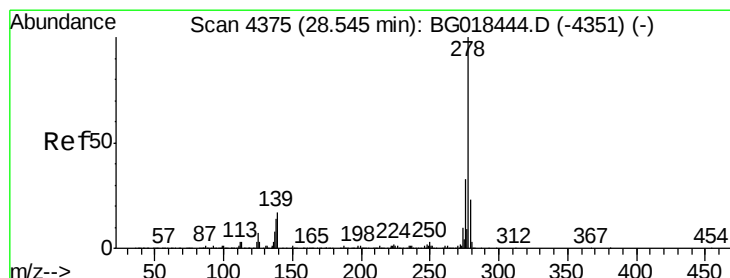
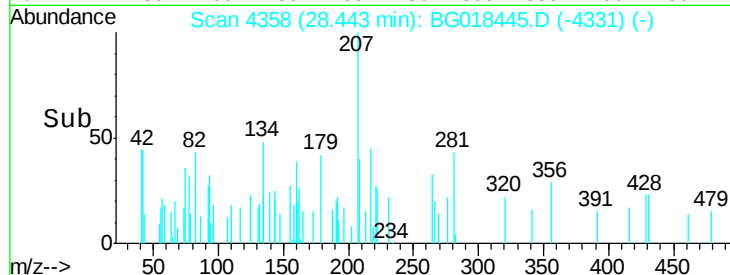
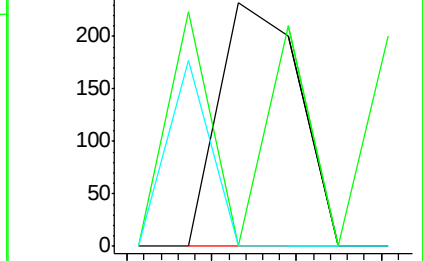
277 0.0 18.9 28.3#



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# 4377

Delta R.T. 0.01 min

Lab File: BG018445.D

Acq: 17 Aug 2015 9:47

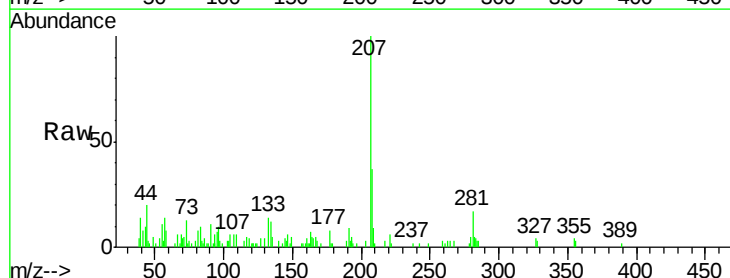
Tgt Ion: 278 Resp: 130

Ion Ratio Lower Upper

278 100

139 0.0 13.8 20.6#

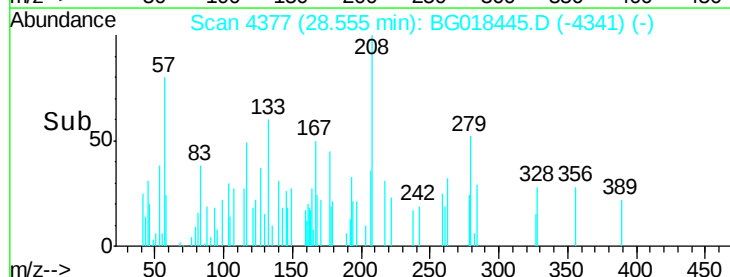
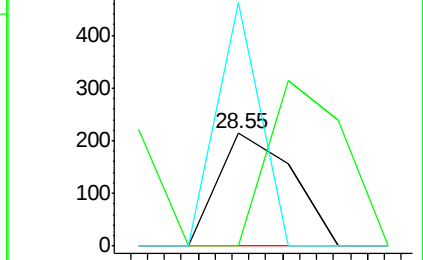
279 215.9 17.8 26.8#

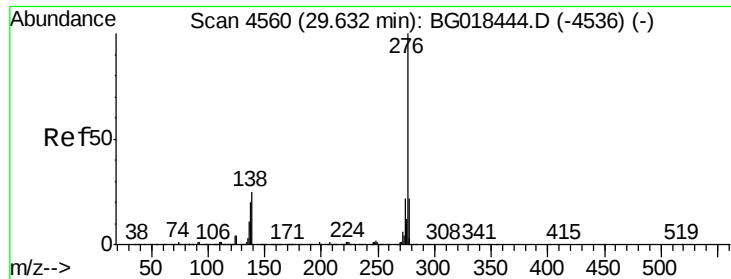


Abundance Ion 278.00 (277.70 to 278.70): E

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: 29.68 min Scan# 4568

Delta R.T. 0.05 min

Lab File: BG018445.D

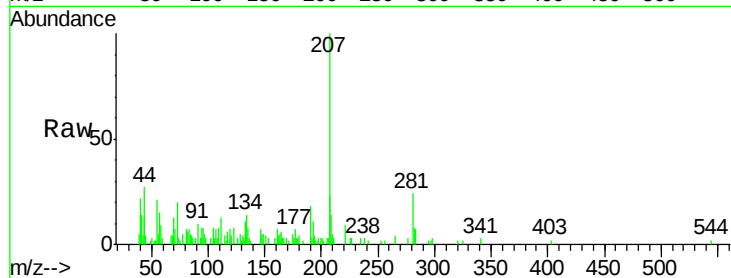
Acq: 17 Aug 2015 9:47

Instrument :

BNA_G

ClientSampleId :

MDL-BLK-S



Tgt Ion:	276	Resp:	127
Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.5	24.7#
277	0.0	19.0	28.6#

