

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081215\
 Data File : BG018422.D
 Acq On : 13 Aug 2015 6:37
 Operator : UM/MA
 Sample : MDL-04-W
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 13 07:32:07 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	111734	20.00	ng/ul	0.00
18) Naphthalene-d8	10.83	136	500208	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.65	164	340850	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	891845	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	938953	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	929077	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	13068	5.17	ng/uL	0.00
5) Phenol-d5	7.18	99	266092	26.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	172595	27.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	205569	26.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	225873	26.51	ng/ul	0.00
19) Nitrobenzene-d5	9.18	128	113508	29.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.91	143	121658	30.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	224706	26.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.96	131	325088	34.13	ng/ul	0.00
44) Dimethylphthalate-d6	14.05	166	805708	28.09	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	962658	26.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	154137	29.88	ng/ul	0.00
58) Fluorene-d10	15.64	176	702691	28.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	103890	23.68	ng/ul	0.00
71) Anthracene-d10	17.48	188	1187563	27.84	ng/ul	0.00
79) Pyrene-d10	19.77	212	1329728	27.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.64	264	1416465	28.72	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.51	88	199	0.07 ng/uL#	1
4) Benzaldehyde	7.17	77	261	0.04 ng/ul#	1
6) Phenol	7.24	94	312	0.03 ng/ul#	40
8) Bis(2-Chloroethyl)ether	7.43	93	1061	0.13 ng/ul#	67
10) 2-Chlorophenol	7.58	128	120	0.02 ng/ul#	1
11) 2-Methylphenol	8.52	108	73	0.01 ng/ul#	80
12) 2,2'-oxybis(1-Chloropropan	8.56	45	138	0.01 ng/ul#	1
14) Acetophenone	8.82	105	106	0.01 ng/ul#	61
15) N-Nitroso-di-n-propylamine	8.82	70	140	0.02 ng/ul#	54
16) 4-Methylphenol	8.69	108	123	0.01 ng/ul#	1
17) Hexachloroethane	9.16	117	105	0.03 ng/ul#	10
20) Nitrobenzene	9.21	77	147	0.01 ng/ul#	7
21) Isophorone	9.69	82	281	0.01 ng/ul#	41
23) 2-Nitrophenol	9.88	139	136	0.03 ng/ul#	1
24) 2,4-Dimethylphenol	9.99	107	59	0.01 ng/ul#	12
25) Bis(2-Chloroethoxy)methane	10.26	93	214	0.02 ng/ul#	1
27) 2,4-Dichlorophenol	10.43	162	272	0.03 ng/ul#	1
28) Naphthalene	10.94	128	162	0.01 ng/ul#	1
30) 4-Chloroaniline	10.96	127	127	0.01 ng/ul#	1
31) Hexachlorobutadiene	11.13	225	73	0.01 ng/ul#	19
32) Caprolactam	11.59	113	57	0.02 ng/ul#	71
33) 4-Chloro-3-methylphenol	12.08	107	356	0.04 ng/ul#	18
34) 2-Methylnaphthalene	12.46	142	106	0.01 ng/ul#	1

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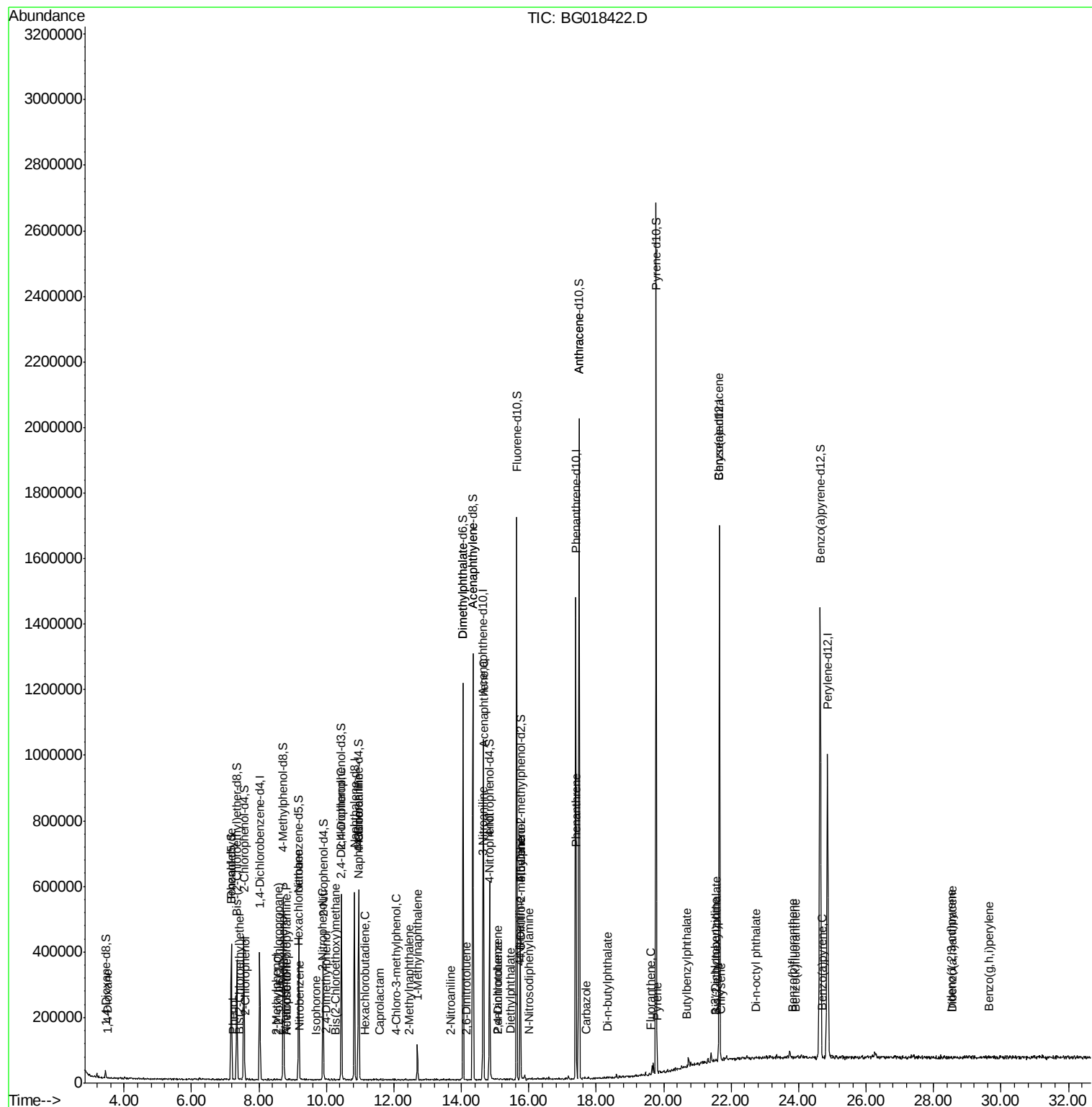
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

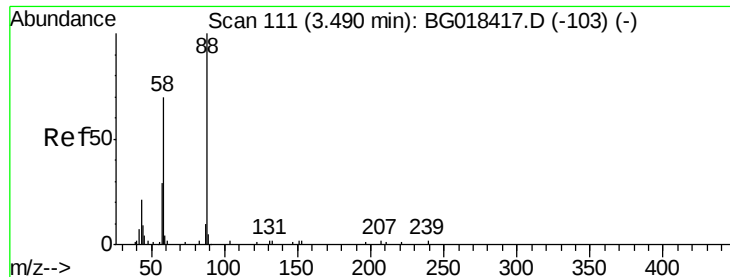
35) 1-Methylnaphthalene	12.70	142	49084	2.63	ng/ul#	98
43) 2-Nitroaniline	13.70	65	72	0.01	ng/ul#	2
45) Dimethylphthalate	14.05	163	1062	0.04	ng/ul#	1
46) 2,6-Dinitrotoluene	14.14	165	133	0.02	ng/ul#	11
48) Acenaphthylene	14.35	152	225	0.01	ng/ul#	61
49) 3-Nitroaniline	14.63	138	129	0.02	ng/ul#	1
50) Acenaphthene	14.66	153	90	0.00	ng/ul#	3
53) 4-Nitrophenol	14.85	109	394	0.09	ng/ul#	1
55) 2,4-Dinitrotoluene	15.08	165	60	0.01	ng/ul#	34
57) Diethylphthalate	15.46	149	1975	0.07	ng/ul#	94
59) Fluorene	15.74	166	130	0.00	ng/ul#	1
61) 4-Nitroaniline	15.73	138	99	0.02	ng/ul#	1
64) 4,6-Dinitro-2-methylphenol	15.76	198	84	0.02	ng/ul#	1
65) N-Nitrosodiphenylamine	15.99	169	96	0.00	ng/ul#	20
70) Phenanthrene	17.41	178	86	0.00	ng/ul#	58
72) Anthracene	17.48	178	578	0.01	ng/ul#	1
74) Pentachlorobenzene	15.06	250	134	0.01	ng/uL#	21
75) Carbazole	17.69	167	79	0.00	ng/ul#	57
76) Di-n-butylphthalate	18.35	149	1574	0.03	ng/ul#	73
77) Fluoranthene	19.61	202	56	0.00	ng/ul#	71
80) Pyrene	19.81	202	69	0.00	ng/ul#	67
81) Butylbenzylphthalate	20.68	149	360	0.01	ng/ul#	53
82) 3,3'-Dichlorobenzidine	21.53	252	338	0.02	ng/ul#	26
83) Benzo(a)anthracene	21.64	228	2731	0.05	ng/ul#	78
84) Bis(2-ethylhexyl)phthalate	21.55	149	2449	0.06	ng/ul#	89
85) Chrysene	21.70	228	329	0.01	ng/ul#	47
87) Di-n-octyl phthalate	22.74	149	473	0.01	ng/ul	100
88) Benzo(b)fluoranthene	23.82	252	298	0.01	ng/ul#	1
89) Benzo(k)fluoranthene	23.90	252	377	0.01	ng/ul#	49
91) Benzo(a)pyrene	24.70	252	378	0.01	ng/ul#	22
92) Indeno(1,2,3-cd)pyrene	28.51	276	160	0.00	ng/ul#	7
93) Dibenzo(a,h)anthracene	28.55	278	115	0.00	ng/ul#	57
94) Benzo(g,h,i)perylene	29.64	276	159	0.00	ng/ul#	29

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

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#2

1,4-Dioxane

Concen: 0.07 ng/uL

RT: 3.51 min Scan# 115

Delta R.T. 0.03 min

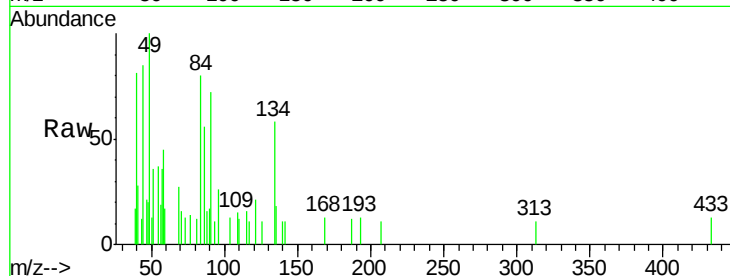
Lab File: BG018422.D

Acq: 13 Aug 2015 6:37

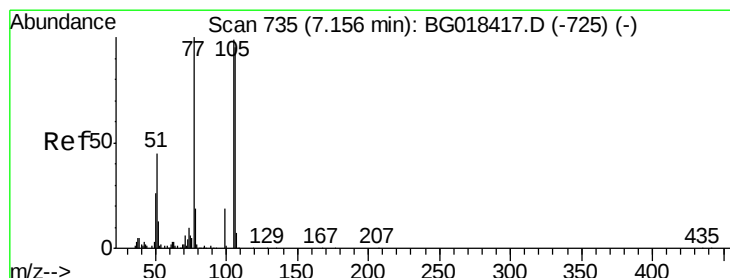
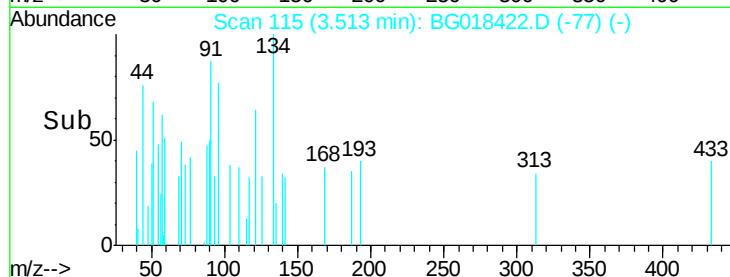
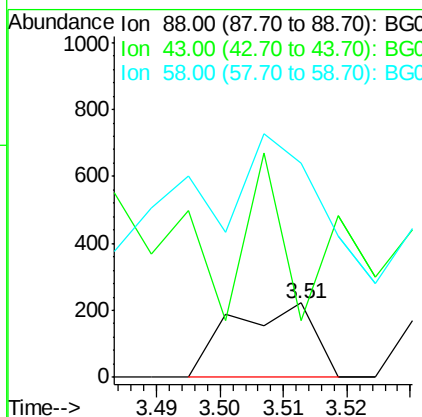
Instrument :

BNA_M

ClientSampled :



Tgt Ion:	88	Resp:	199
Ion	Ratio	Lower	Upper
88	100		
43	77.0	33.0	49.4#
58	287.8	73.4	110.0#



#4

Benzaldehyde

Concen: 0.04 ng/uL

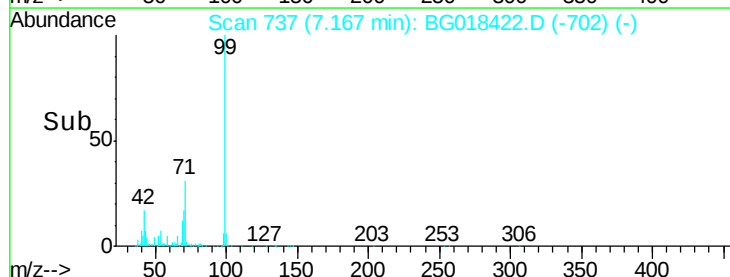
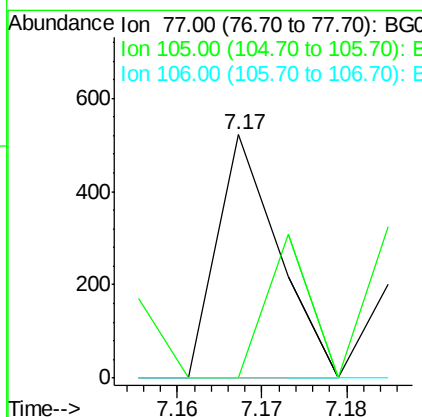
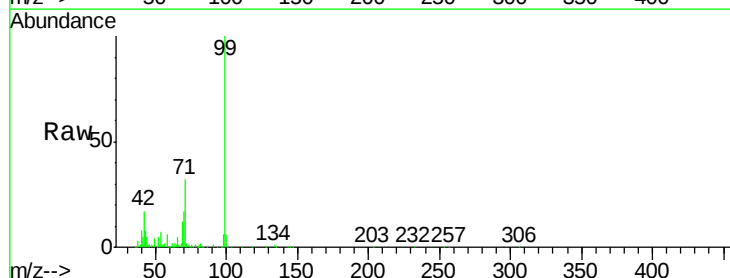
RT: 7.17 min Scan# 737

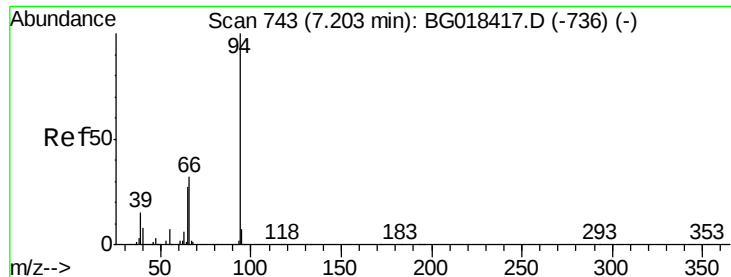
Delta R.T. 0.01 min

Lab File: BG018422.D

Acq: 13 Aug 2015 6:37

Tgt Ion:	77	Resp:	261
Ion	Ratio	Lower	Upper
77	100		
105	0.0	78.2	117.2#
106	0.0	76.8	115.2#





#6

Phenol

Concen: 0.03 ng/ul

RT: 7.24 min Scan# 749

Delta R.T. 0.03 min

Lab File: BG018422.D

Acq: 13 Aug 2015 6:37

Instrument :

BNA_M

ClientSampleId :

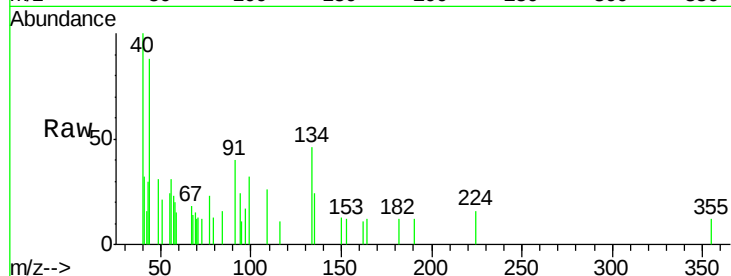
Tgt Ion: 94 Resp: 312

Ion Ratio Lower Upper

94 100

65 0.0 23.0 34.6#

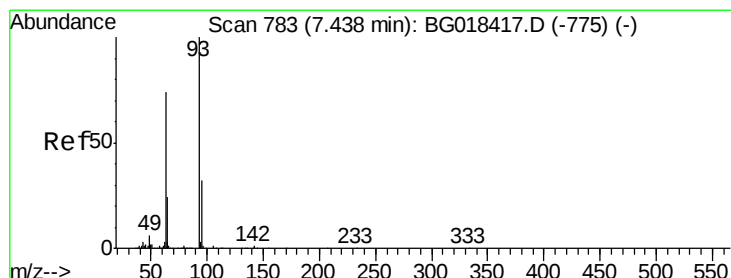
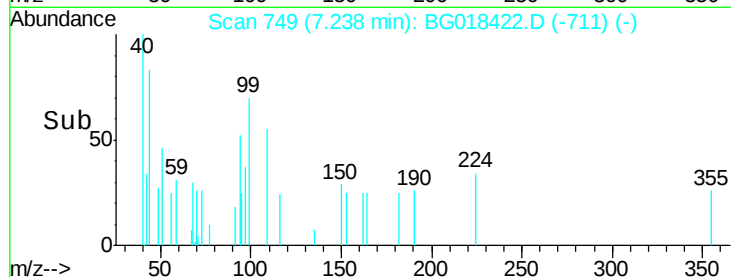
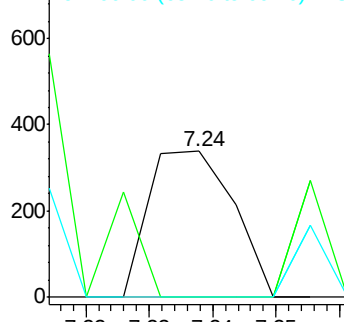
66 0.0 31.0 46.4#



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



#8

Bis(2-Chloroethyl)ether

Concen: 0.13 ng/ul

RT: 7.43 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG018422.D

Acq: 13 Aug 2015 6:37

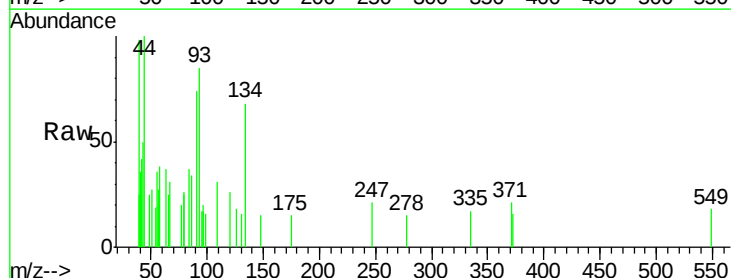
Tgt Ion: 93 Resp: 1061

Ion Ratio Lower Upper

93 100

63 43.7 61.4 92.2#

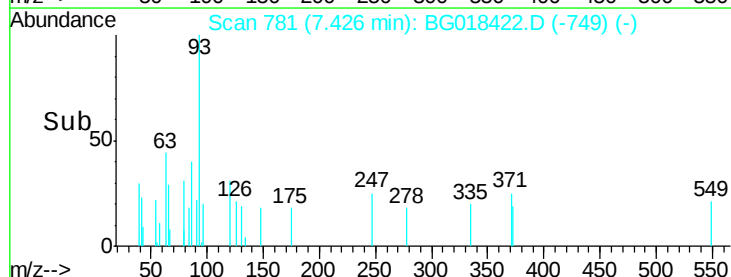
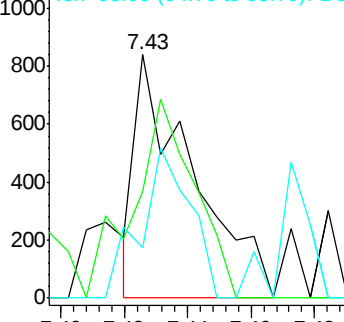
95 20.6 25.9 38.9#

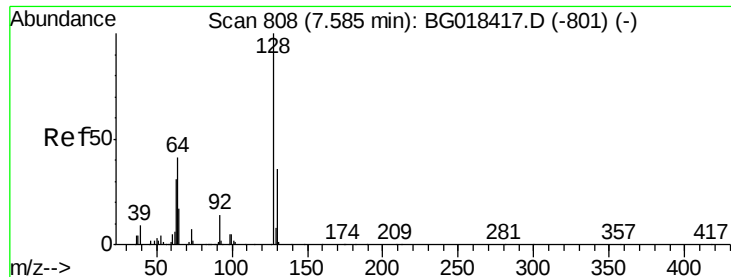


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

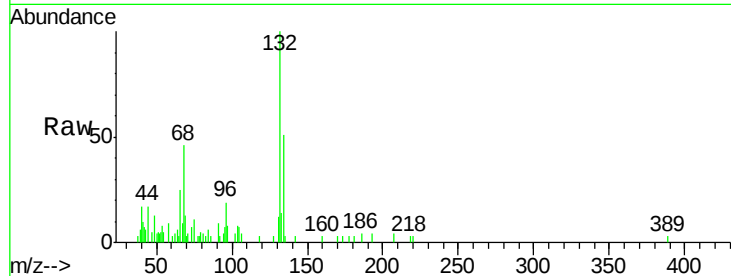




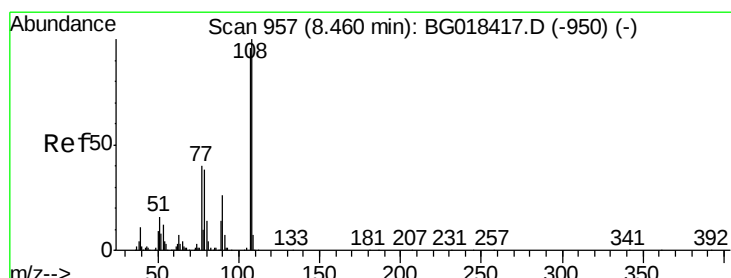
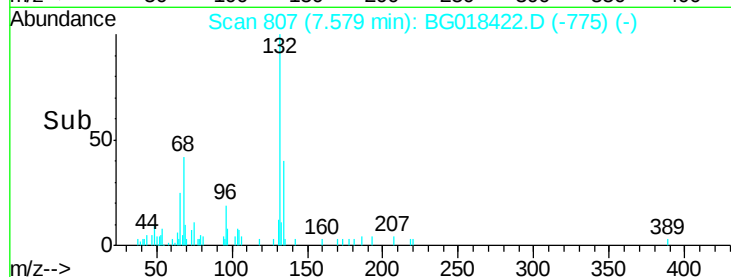
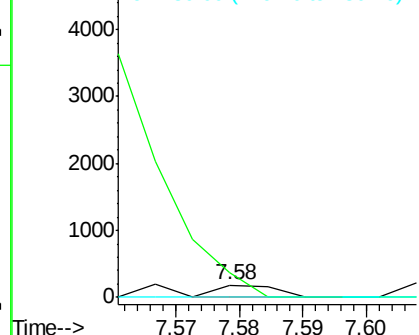
#10
2-Chlorophenol
Concen: 0.02 ng/ul
RT: 7.58 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG018422.D
Acq: 13 Aug 2015 6:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 120
Ion Ratio Lower Upper
128 100
64 206.1 40.9 61.3#
130 0.0 24.5 36.7#

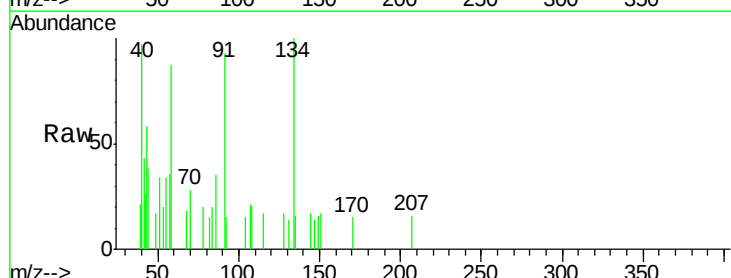


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 130.00 (129.70 to 130.70): E

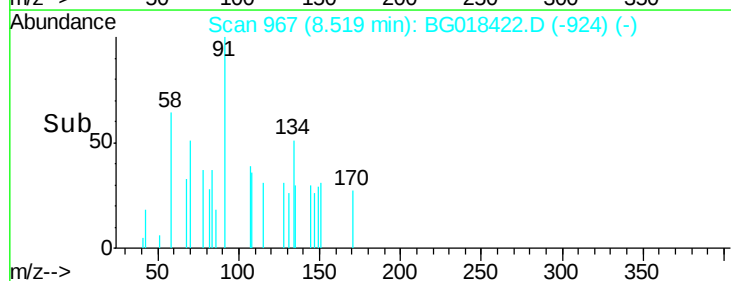
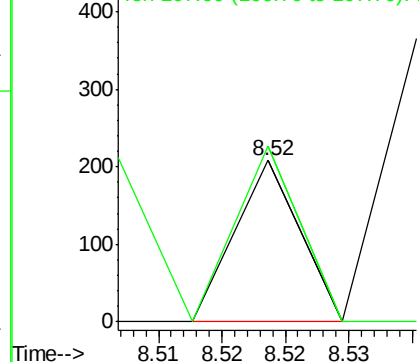


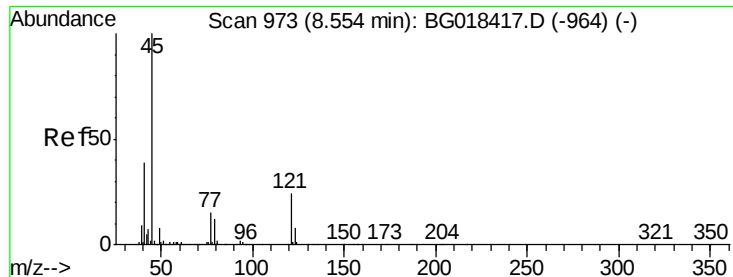
#11
2-Methylphenol
Concen: 0.01 ng/ul
RT: 8.52 min Scan# 967
Delta R.T. 0.05 min
Lab File: BG018422.D
Acq: 13 Aug 2015 6:37

Tgt Ion:108 Resp: 73
Ion Ratio Lower Upper
108 100
107 108.7 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: 0.01 ng/ul

RT: 8.56 min Scan# 974

Delta R.T. 0.00 min

Lab File: BG018422.D

Acq: 13 Aug 2015 6:37

Instrument :

BNA_M

ClientSampleId :

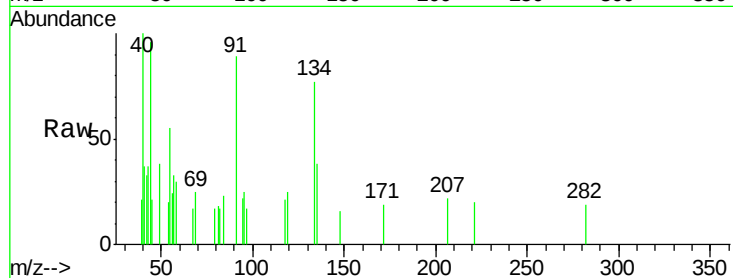
Tgt Ion: 45 Resp: 138

Ion Ratio Lower Upper

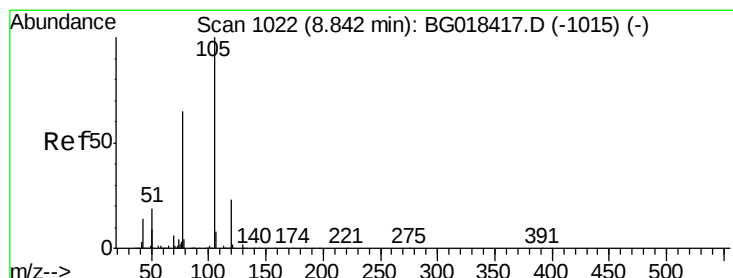
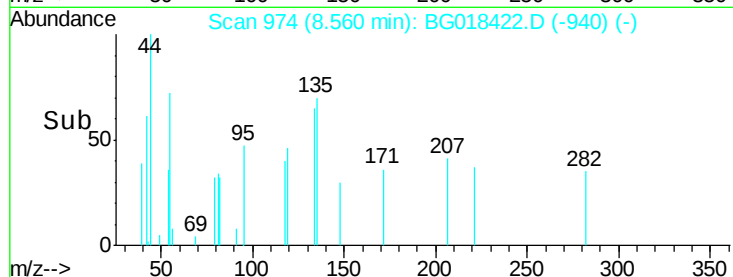
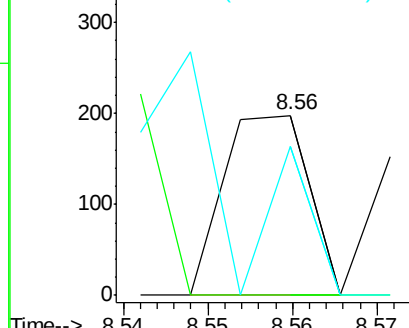
45 100

77 0.0 11.3 16.9#

79 82.8 7.8 11.8#



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



#14

Acetophenone

Concen: 0.01 ng/ul

RT: 8.82 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BG018422.D

Acq: 13 Aug 2015 6:37

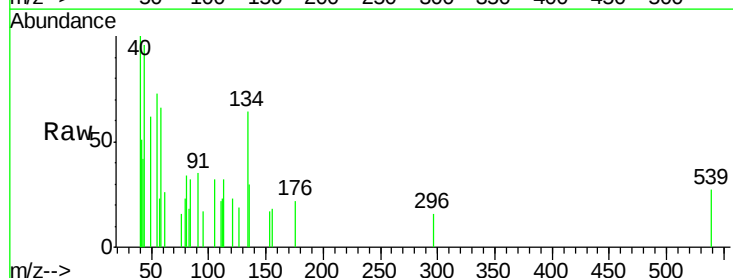
Tgt Ion: 105 Resp: 106

Ion Ratio Lower Upper

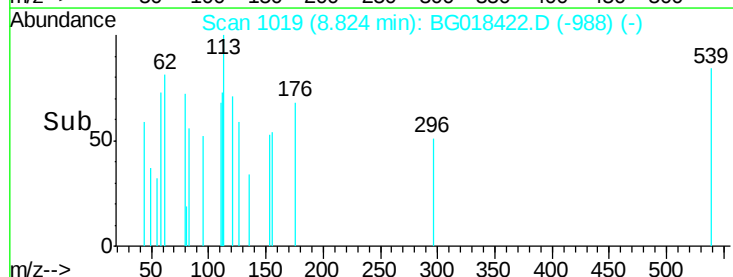
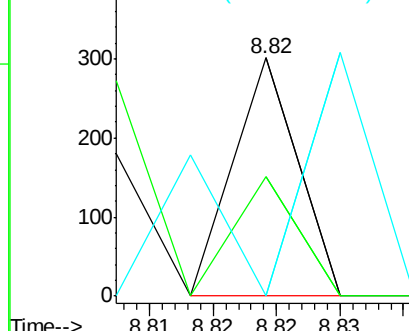
105 100

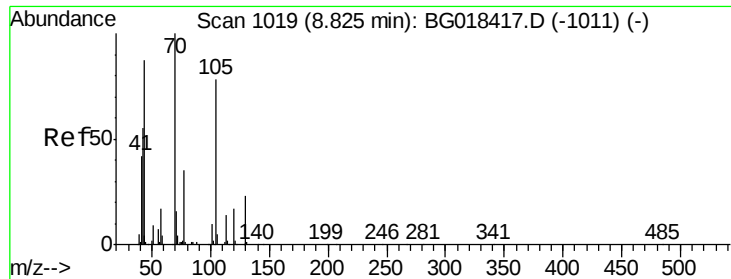
77 50.2 61.9 92.9#

51 0.0 25.5 38.3#



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

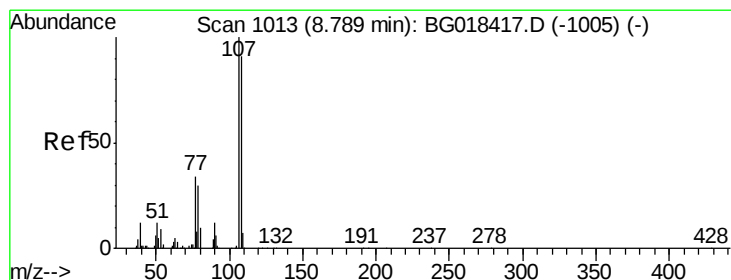
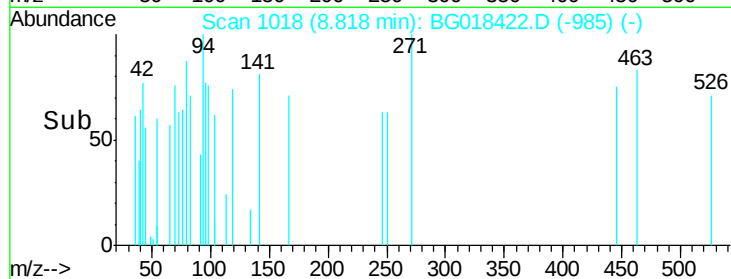
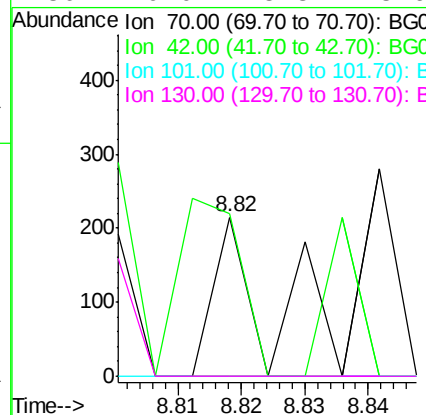
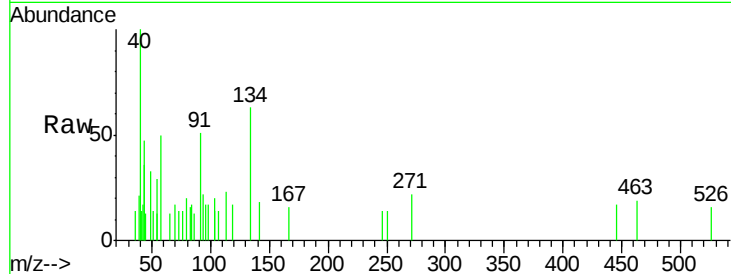




#15
 N-Nitroso-di-n-propylamine
 Concen: 0.02 ng/ul
 RT: 8.82 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BG018422.D
 Acq: 13 Aug 2015 6:37

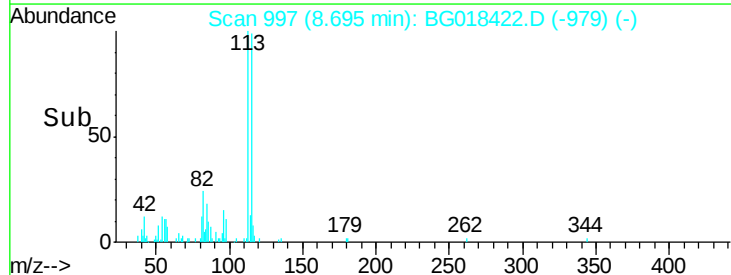
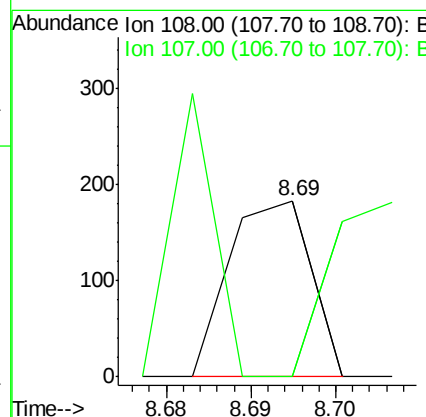
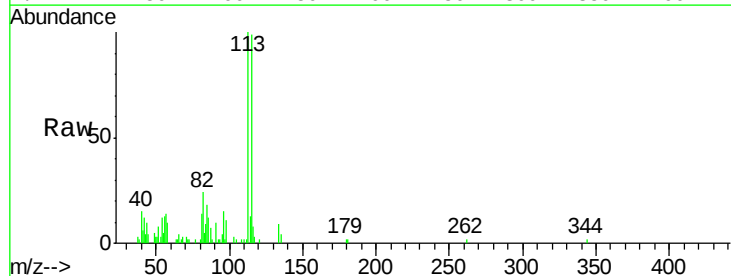
Instrument :
 BNA_M
 ClientSampleId :

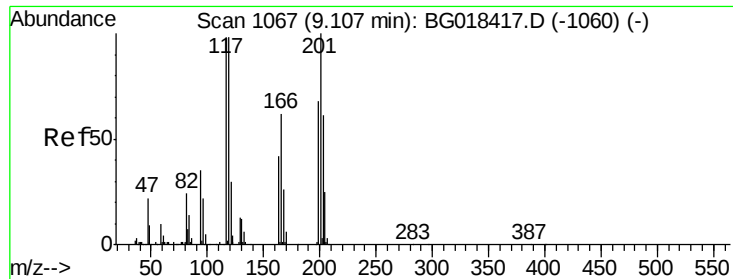
Tgt Ion: 70 Resp: 140
 Ion Ratio Lower Upper
 70 100
 42 102.3 50.7 76.1#
 101 0.0 7.4 11.2#
 130 0.0 15.8 23.6#



#16
 4-Methylphenol
 Concen: 0.01 ng/ul
 RT: 8.69 min Scan# 997
 Delta R.T. -0.09 min
 Lab File: BG018422.D
 Acq: 13 Aug 2015 6:37

Tgt Ion: 108 Resp: 123
 Ion Ratio Lower Upper
 108 100
 107 0.0 94.6 142.0#

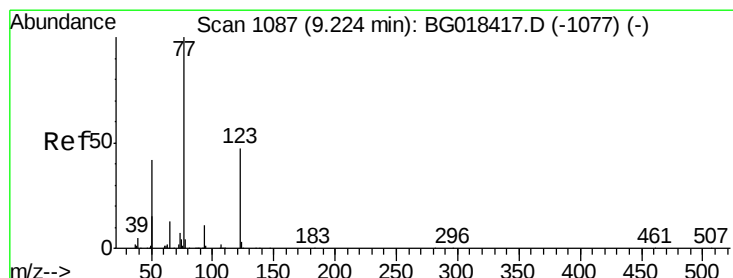
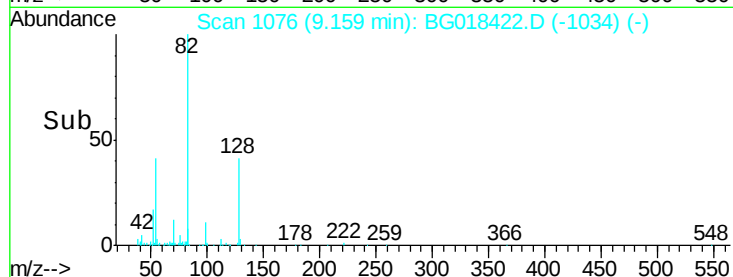
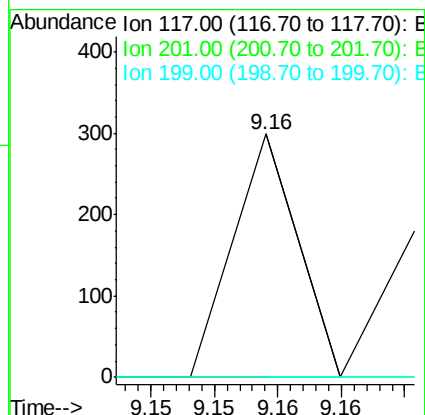
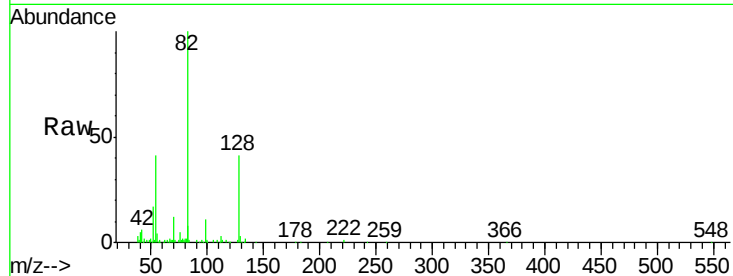




#17
Hexachloroethane
Concen: 0.03 ng/ul
RT: 9.16 min Scan# 1076
Delta R.T. 0.05 min
Lab File: BG018422.D
Acq: 13 Aug 2015 6:37

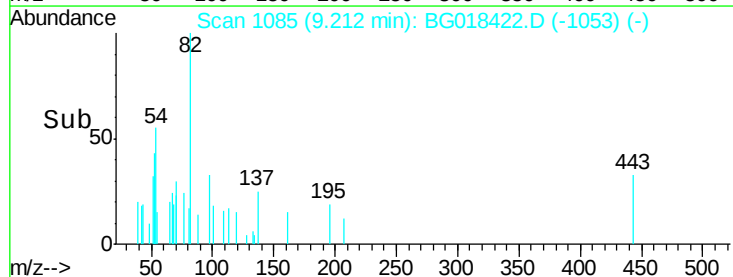
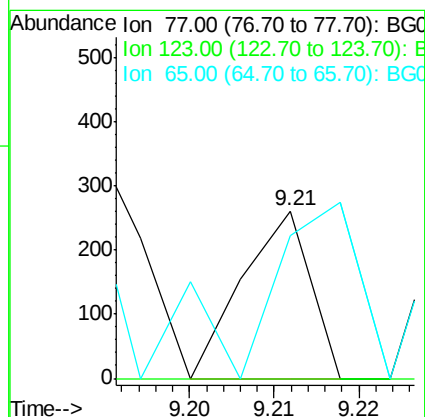
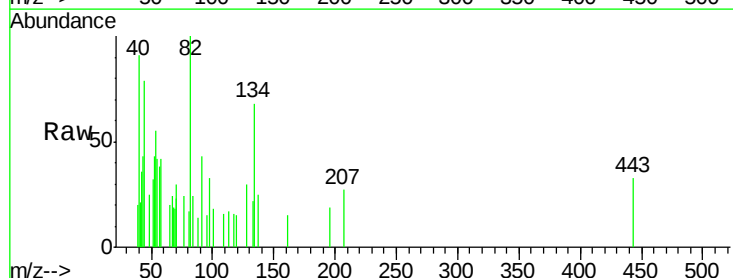
Instrument :
BNA_M
ClientSampleId :

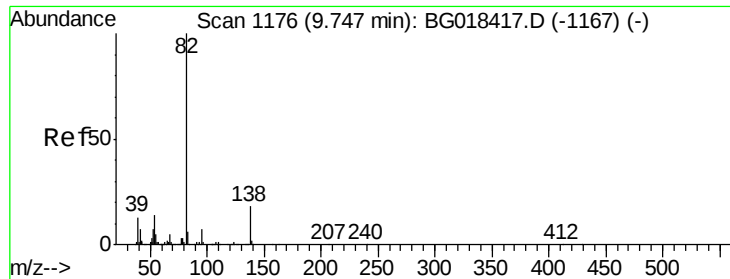
Tgt Ion: 117 Resp: 105
Ion Ratio Lower Upper
117 100
201 0.0 73.6 110.4#
199 0.0 48.6 72.8#



#20
Nitrobenzene
Concen: 0.01 ng/ul
RT: 9.21 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BG018422.D
Acq: 13 Aug 2015 6:37

Tgt Ion: 77 Resp: 147
Ion Ratio Lower Upper
77 100
123 0.0 32.8 49.2#
65 85.1 12.2 18.2#





#21

Isophorone

Concen: 0.01 ng/ul

RT: 9.69 min Scan# 1167

Delta R.T. -0.05 min

Lab File: BG018422.D

Acq: 13 Aug 2015 6:37

Instrument :

BNA_M

ClientSampled :

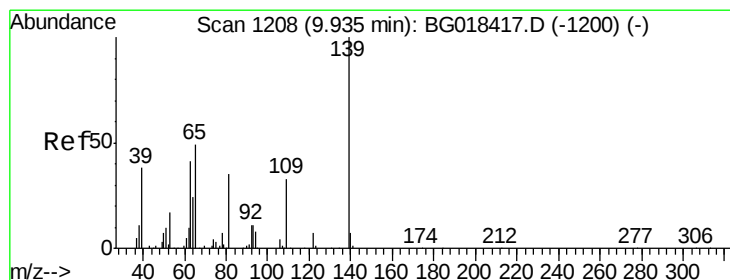
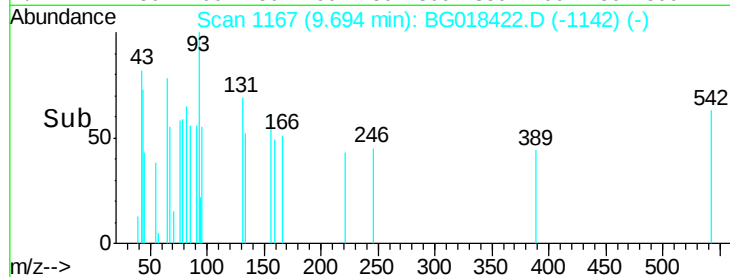
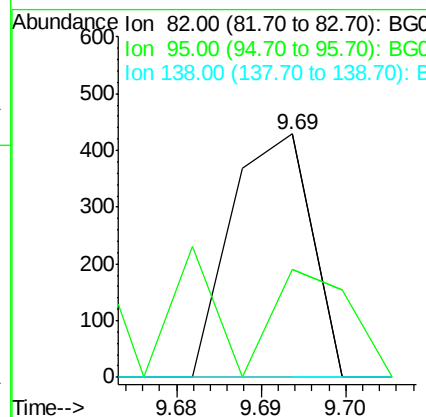
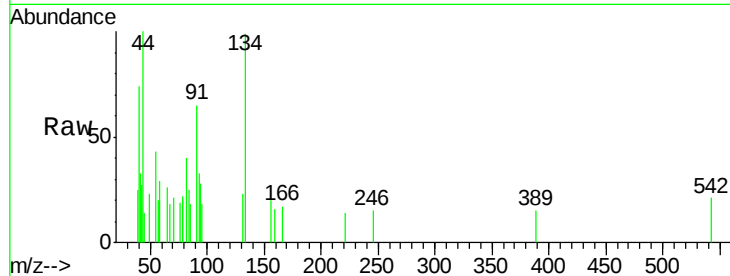
Tgt Ion: 82 Resp: 281

Ion Ratio Lower Upper

82 100

95 44.5 5.2 7.8#

138 0.0 13.8 20.8#



#23

2-Nitrophenol

Concen: 0.03 ng/ul

RT: 9.88 min Scan# 1199

Delta R.T. -0.06 min

Lab File: BG018422.D

Acq: 13 Aug 2015 6:37

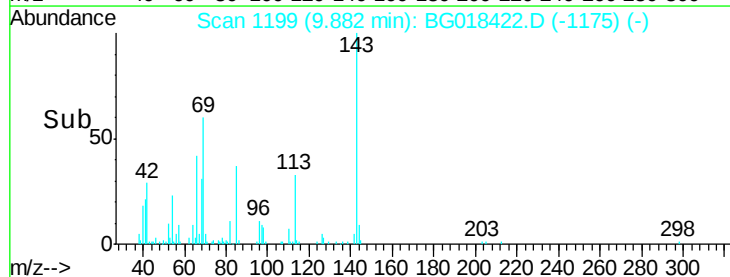
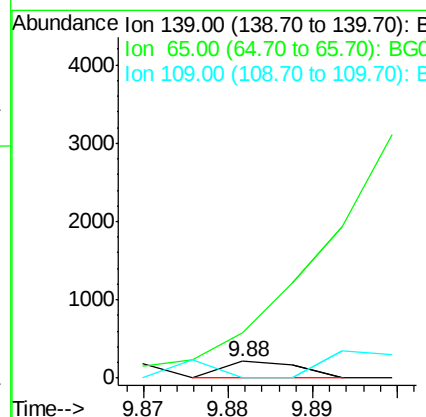
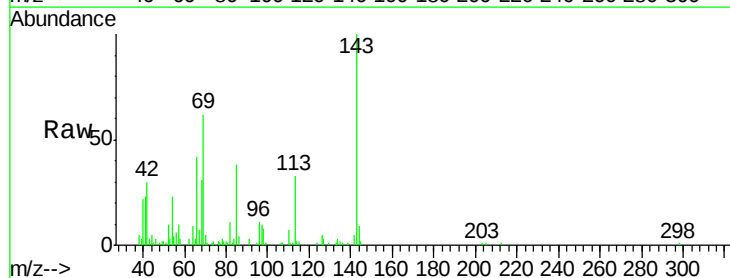
Tgt Ion: 139 Resp: 136

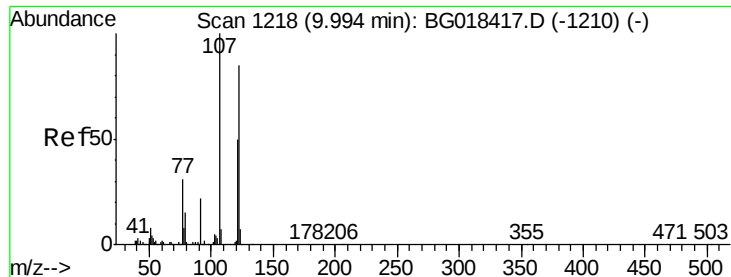
Ion Ratio Lower Upper

139 100

65 275.7 45.6 68.4#

109 0.0 25.4 38.2#

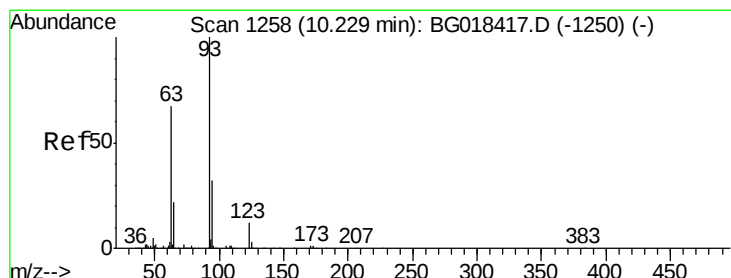
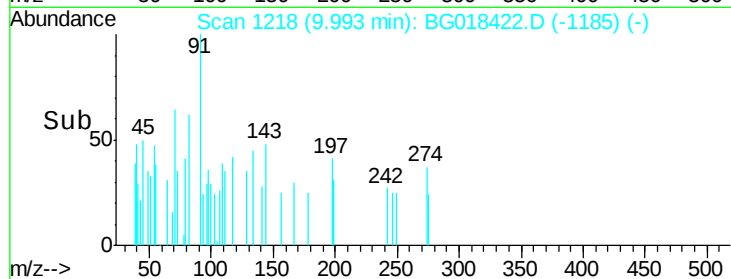
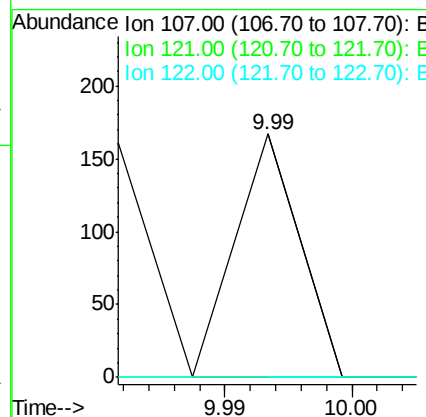
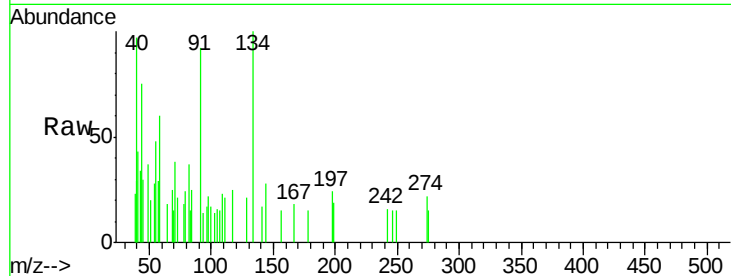




#24
 2,4-Dimethylphenol
 Concen: 0.01 ng/ul
 RT: 9.99 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BG018422.D
 Acq: 13 Aug 2015 6:37

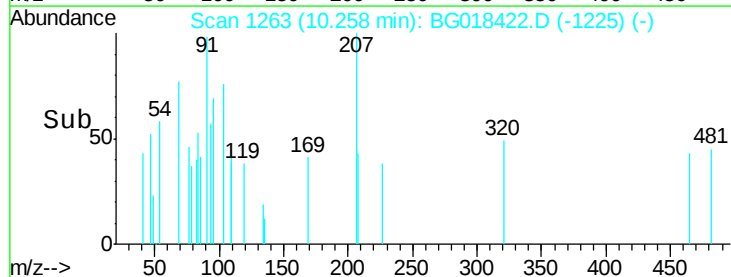
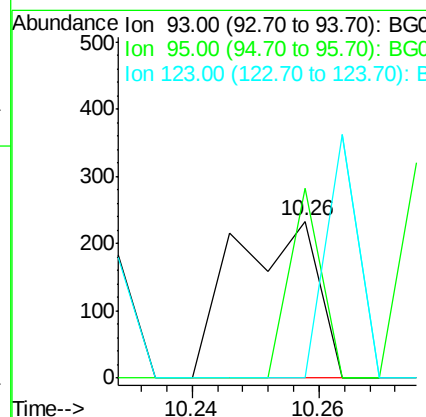
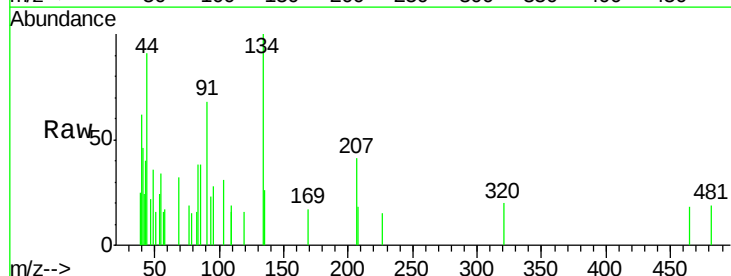
Instrument :
 BNA_M
 ClientSampled :

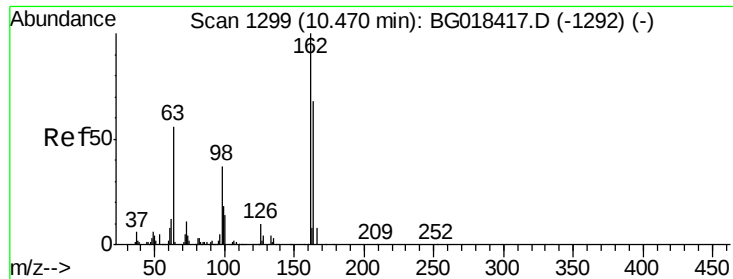
Tgt Ion: 107 Resp: 59
 Ion Ratio Lower Upper
 107 100
 121 0.0 41.3 61.9#
 122 0.0 71.9 107.9#



#25
 Bis(2-Chloroethoxy)methane
 Concen: 0.02 ng/ul
 RT: 10.26 min Scan# 1263
 Delta R.T. 0.03 min
 Lab File: BG018422.D
 Acq: 13 Aug 2015 6:37

Tgt Ion: 93 Resp: 214
 Ion Ratio Lower Upper
 93 100
 95 121.0 24.1 36.1#
 123 0.0 8.9 13.3#

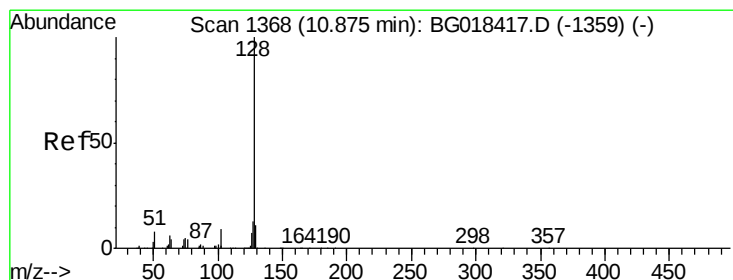
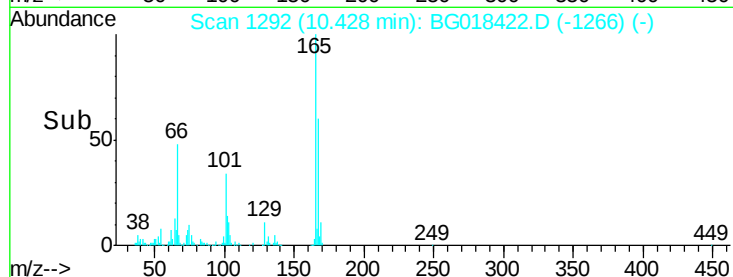
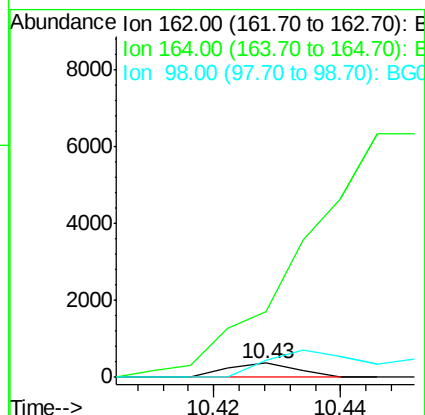
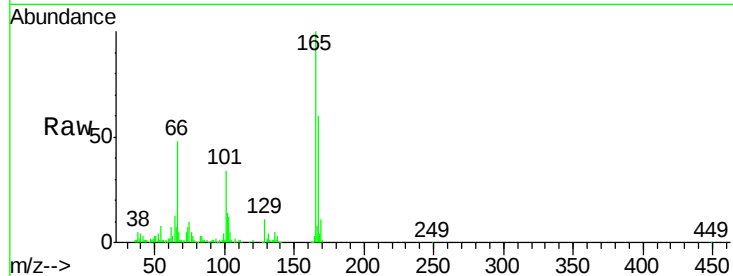




#27
 2,4-Dichlorophenol
 Concen: 0.03 ng/ul
 RT: 10.43 min Scan# 1292
 Delta R.T. -0.04 min
 Lab File: BG018422.D
 Acq: 13 Aug 2015 6:37

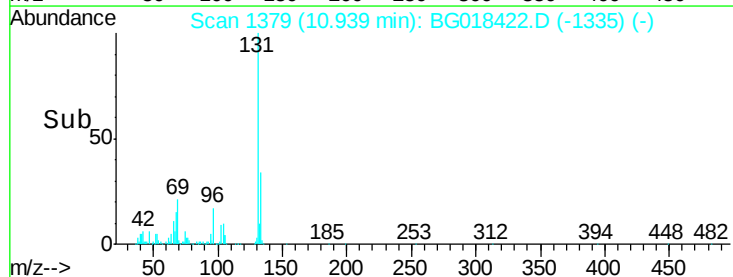
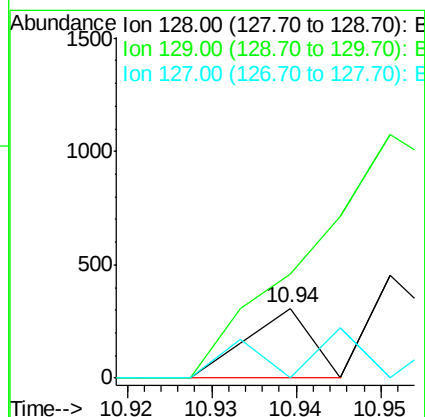
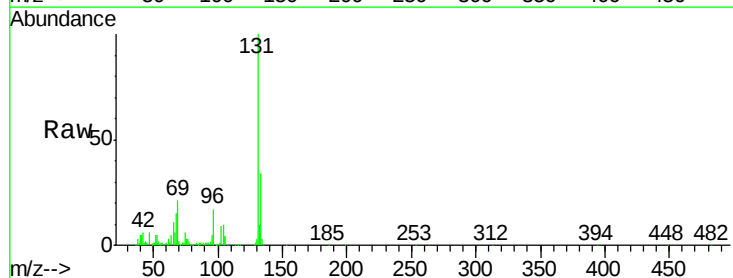
Instrument :
 BNA_M
 ClientSampleId :

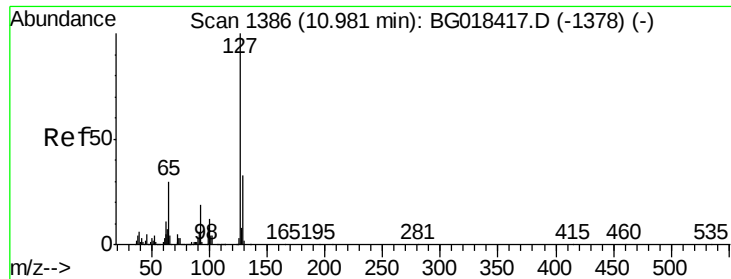
Tgt Ion:162 Resp: 272
 Ion Ratio Lower Upper
 162 100
 164 451.3 51.7 77.5#
 98 120.2 30.4 45.6#



#28
 Naphthalene
 Concen: 0.01 ng/ul
 RT: 10.94 min Scan# 1379
 Delta R.T. 0.06 min
 Lab File: BG018422.D
 Acq: 13 Aug 2015 6:37

Tgt Ion:128 Resp: 162
 Ion Ratio Lower Upper
 128 100
 129 149.2 9.6 14.4#
 127 0.0 10.5 15.7#

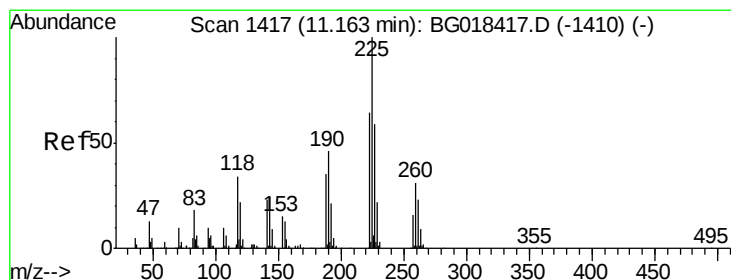
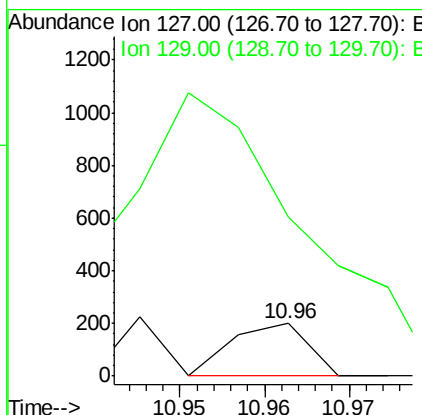
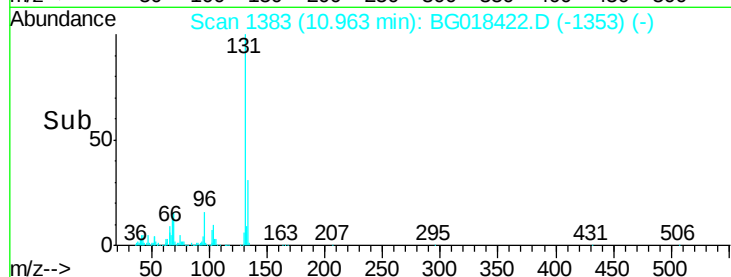
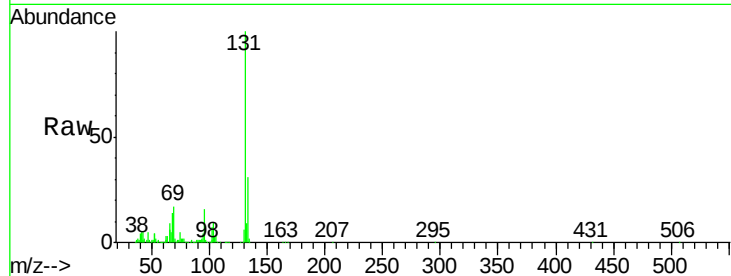




#30
4-Chloroaniline
Concen: 0.01 ng/ul
RT: 10.96 min Scan# 1383
Delta R.T. -0.02 min
Lab File: BG018422.D
Acq: 13 Aug 2015 6:37

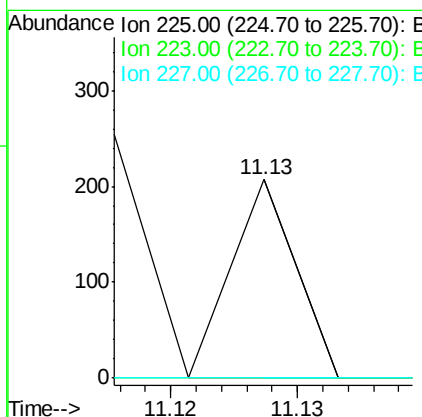
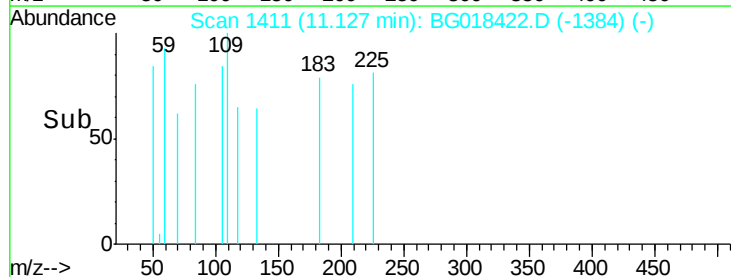
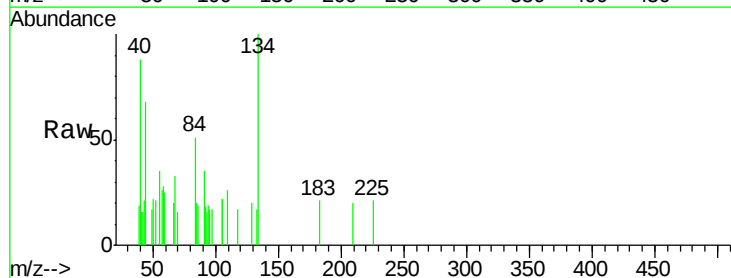
Instrument :
BNA_M
ClientSampled :

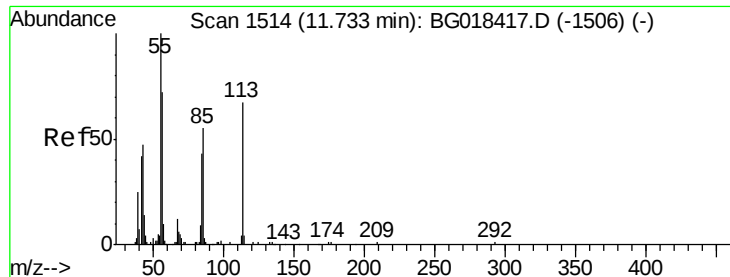
Tgt Ion:127 Resp: 127
Ion Ratio Lower Upper
127 100
129 300.5 26.7 40.1#



#31
Hexachlorobutadiene
Concen: 0.01 ng/ul
RT: 11.13 min Scan# 1411
Delta R.T. -0.04 min
Lab File: BG018422.D
Acq: 13 Aug 2015 6:37

Tgt Ion:225 Resp: 73
Ion Ratio Lower Upper
225 100
223 0.0 45.8 68.8#
227 0.0 54.0 81.0#





#32

Caprolactam

Concen: 0.02 ng/ul

RT: 11.59 min Scan# 1489

Delta R.T. -0.14 min

Lab File: BG018422.D

Acq: 13 Aug 2015 6:37

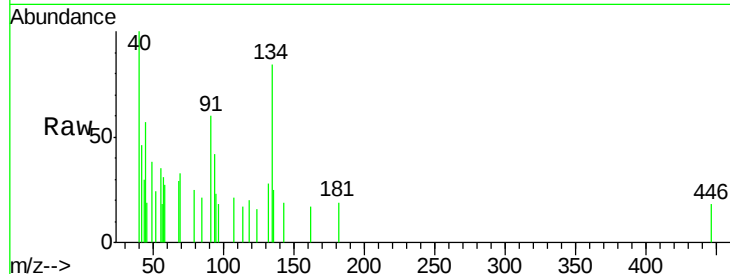
Instrument :

BNA_M

ClientSampleId :

Tgt Ion:113 Resp: 57

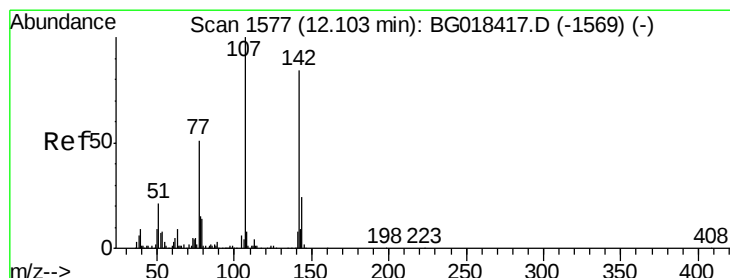
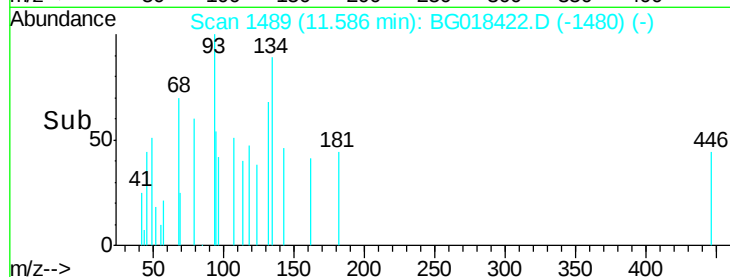
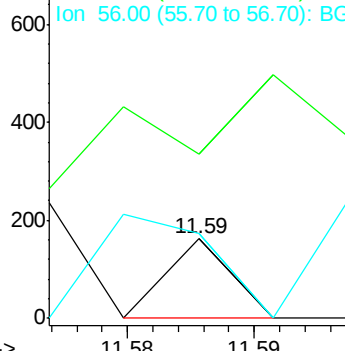
Ion	Ratio	Lower	Upper
113	100		
55	207.4	124.2	186.4#
56	106.2	98.2	147.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG018417.D (-1506) (-)

Ion 56.00 (55.70 to 56.70): BG018417.D (-1506) (-)



#33

4-Chloro-3-methylphenol

Concen: 0.04 ng/ul

RT: 12.08 min Scan# 1573

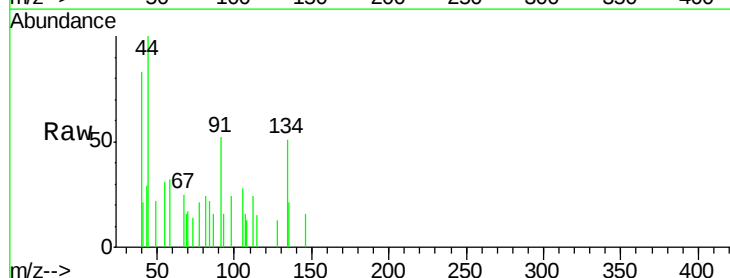
Delta R.T. -0.03 min

Lab File: BG018422.D

Acq: 13 Aug 2015 6:37

Tgt Ion:107 Resp: 356

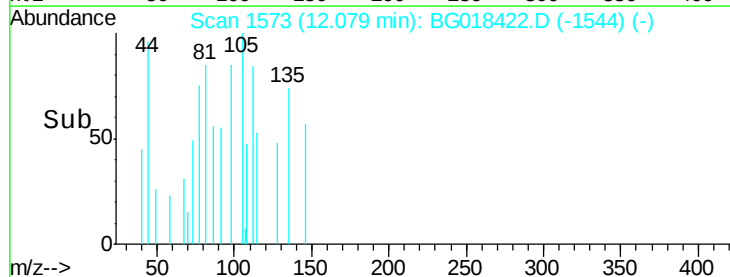
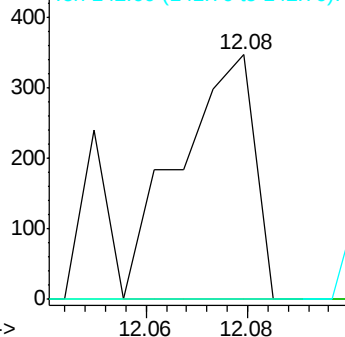
Ion	Ratio	Lower	Upper
107	100		
144	0.0	21.4	32.2#
142	0.0	66.0	99.0#

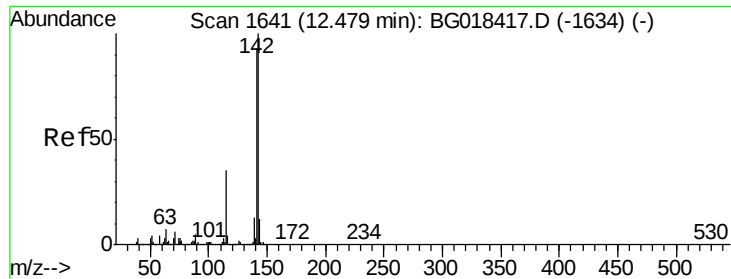


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 0.01 ng/ul

RT: 12.46 min Scan# 1638

Delta R.T. -0.02 min

Lab File: BG018422.D

Acq: 13 Aug 2015 6:37

Instrument :

BNA_M

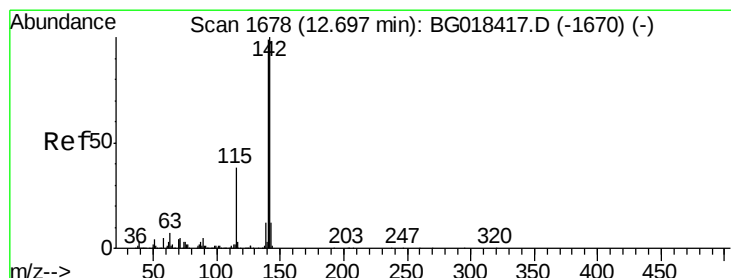
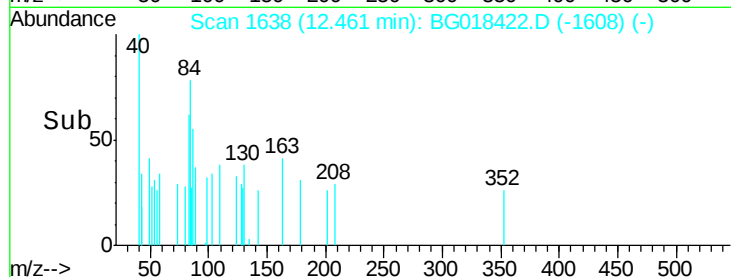
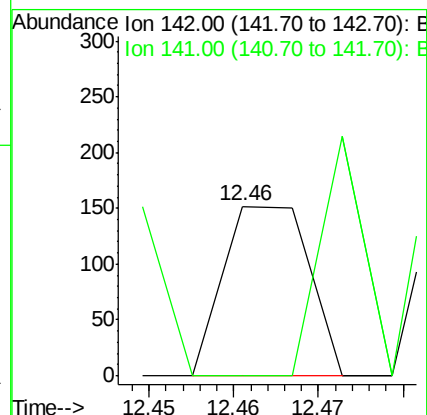
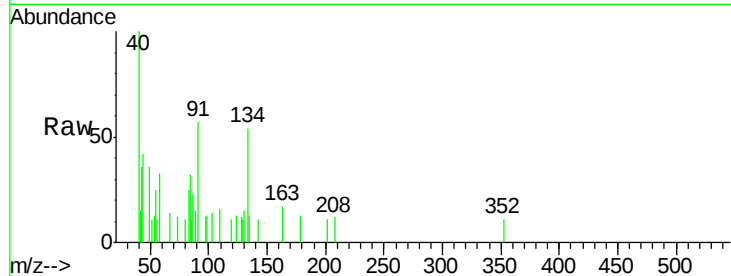
ClientSampleId :

Tgt Ion:142 Resp: 106

Ion Ratio Lower Upper

142 100

141 0.0 78.0 117.0#



#35

1-Methylnaphthalene

Concen: 2.63 ng/ul

RT: 12.70 min Scan# 1678

Delta R.T. -0.00 min

Lab File: BG018422.D

Acq: 13 Aug 2015 6:37

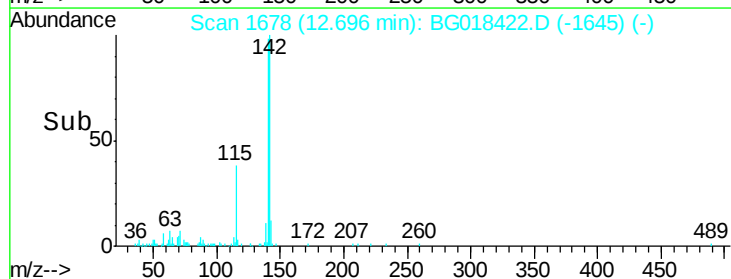
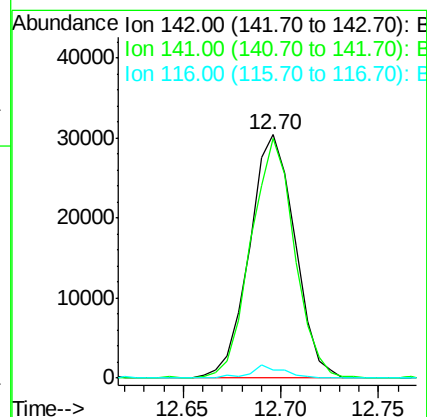
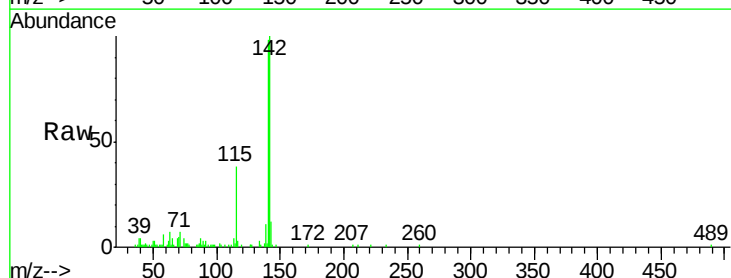
Tgt Ion:142 Resp: 49084

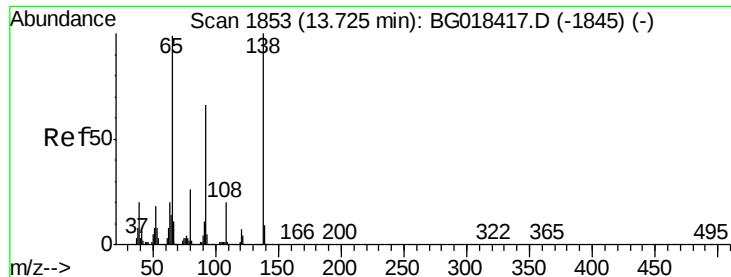
Ion Ratio Lower Upper

142 100

141 98.5 77.1 115.7

116 3.3 3.5 5.3#





#43

2-Nitroaniline

Concen: 0.01 ng/ul

RT: 13.70 min Scan# 1849

Delta R.T. -0.02 min

Lab File: BG018422.D

Acq: 13 Aug 2015 6:37

Instrument :

BNA_M

ClientSampleId :

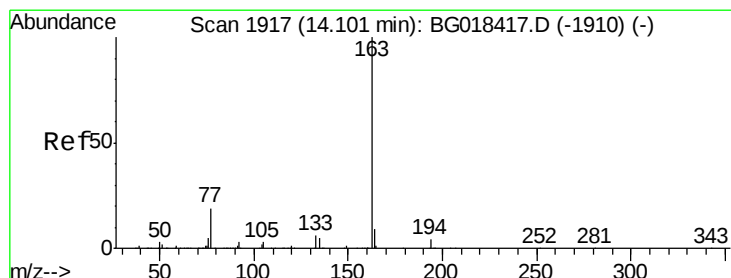
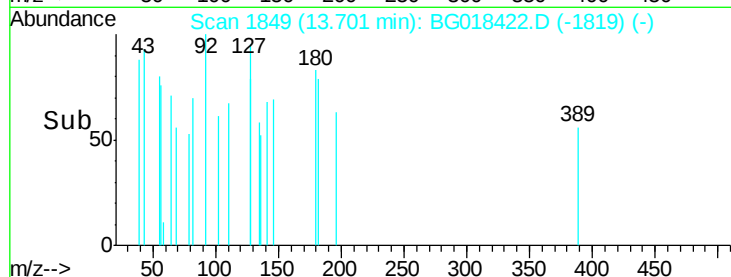
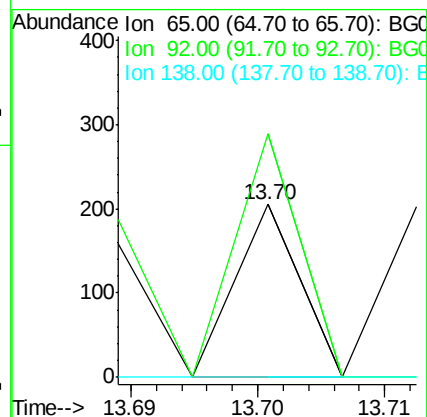
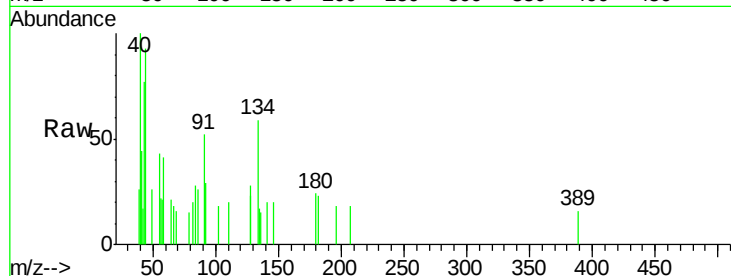
Tgt Ion: 65 Resp: 72

Ion Ratio Lower Upper

65 100

92 141.0 51.1 76.7#

138 0.0 75.1 112.7#



#45

Dimethylphthalate

Concen: 0.04 ng/ul

RT: 14.05 min Scan# 1909

Delta R.T. -0.04 min

Lab File: BG018422.D

Acq: 13 Aug 2015 6:37

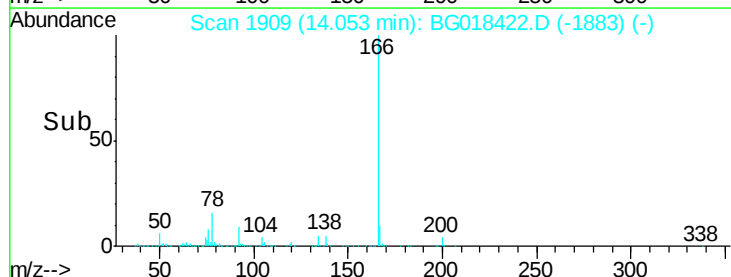
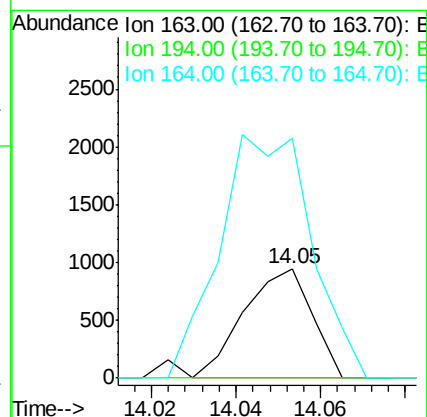
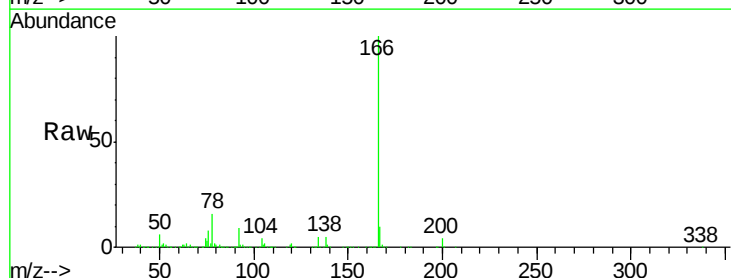
Tgt Ion: 163 Resp: 1062

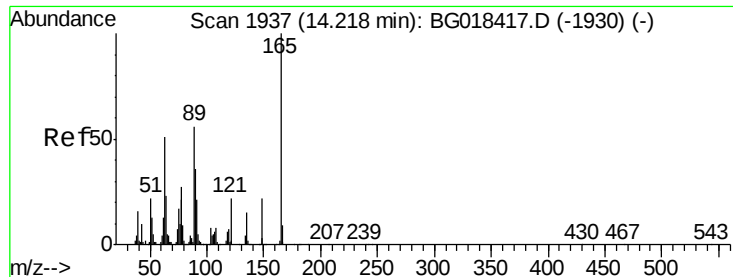
Ion Ratio Lower Upper

163 100

194 0.0 2.9 4.3#

164 218.9 7.7 11.5#

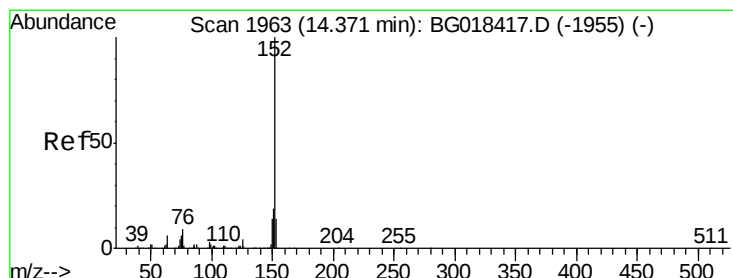
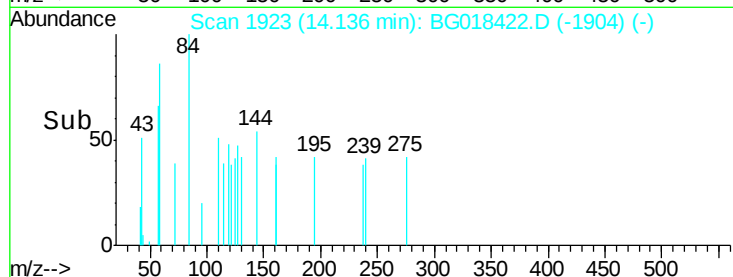
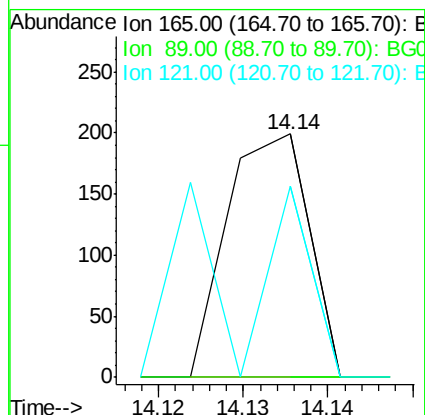
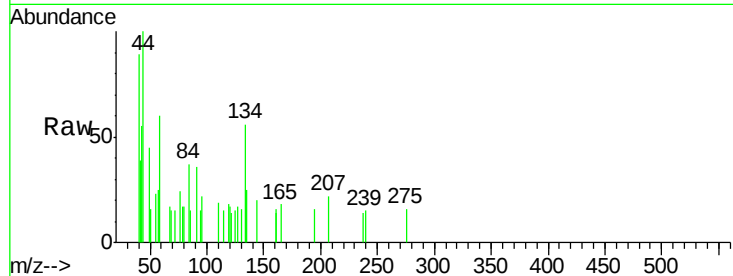




#46
2,6-Dinitrotoluene
Concen: 0.02 ng/ul
RT: 14.14 min Scan# 1923
Delta R.T. -0.09 min
Lab File: BG018422.D
Acq: 13 Aug 2015 6:37

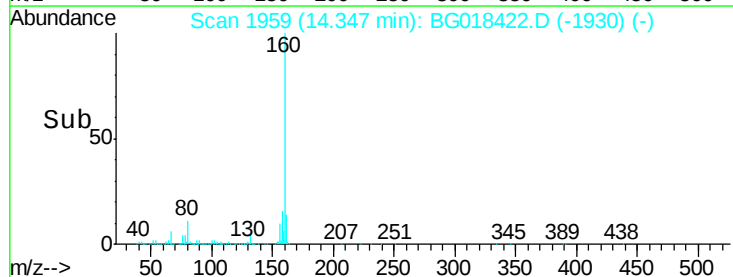
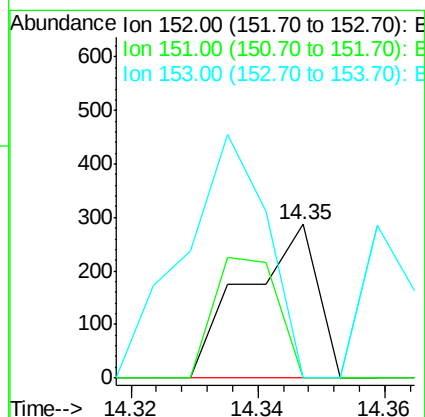
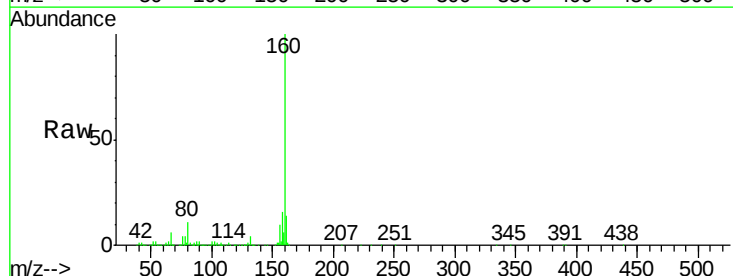
Instrument :
BNA_M
ClientSampled :

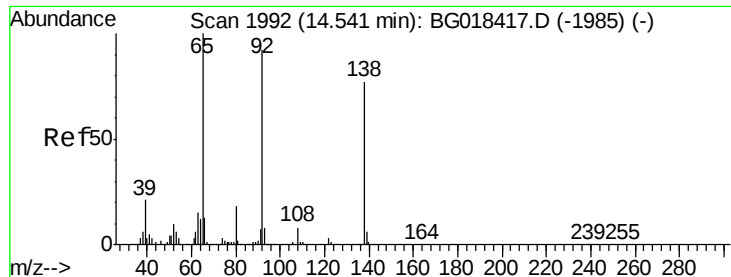
Tgt Ion:165 Resp: 133
Ion Ratio Lower Upper
165 100
89 0.0 50.2 75.2#
121 78.4 19.4 29.2#



#48
Acenaphthylene
Concen: 0.01 ng/ul
RT: 14.35 min Scan# 1959
Delta R.T. -0.03 min
Lab File: BG018422.D
Acq: 13 Aug 2015 6:37

Tgt Ion:152 Resp: 225
Ion Ratio Lower Upper
152 100
151 0.0 15.4 23.2#
153 0.0 10.8 16.2#





#49

3-Nitroaniline

Concen: 0.02 ng/ul

RT: 14.63 min Scan# 2007

Delta R.T. 0.08 min

Lab File: BG018422.D

Acq: 13 Aug 2015 6:37

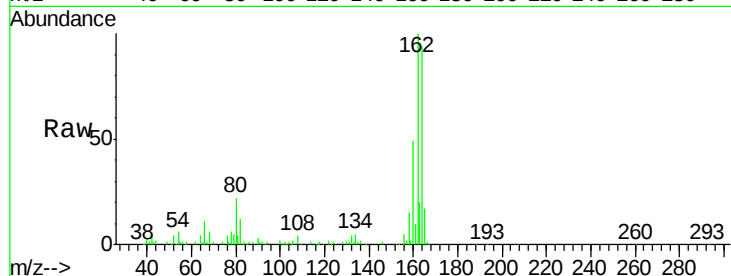
Instrument :

BNA_M

ClientSampleId :

Tgt Ion:138 Resp: 129

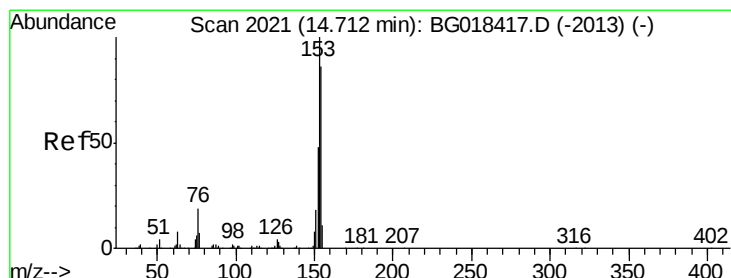
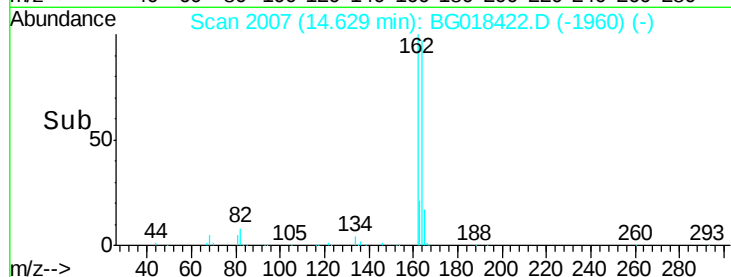
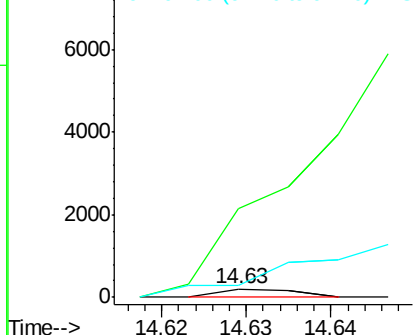
Ion	Ratio	Lower	Upper
138	100		
108	1081.5	9.4	14.0#
92	147.0	102.8	154.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B



#50

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.66 min Scan# 2012

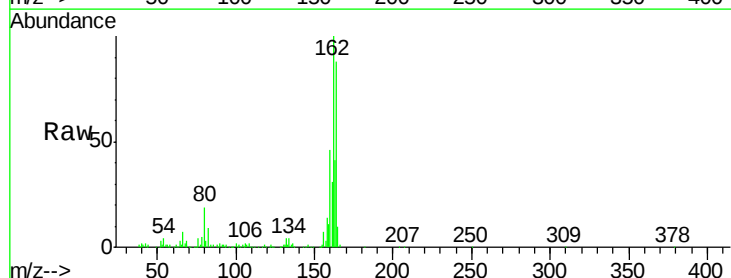
Delta R.T. -0.06 min

Lab File: BG018422.D

Acq: 13 Aug 2015 6:37

Tgt Ion:153 Resp: 90

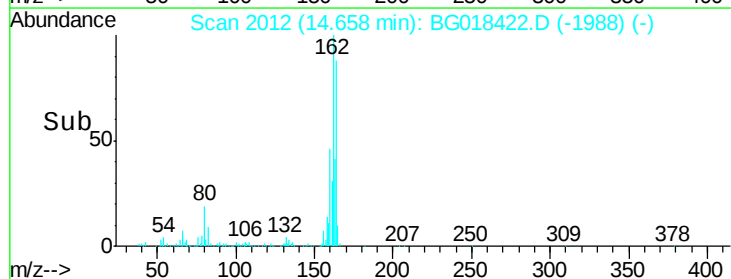
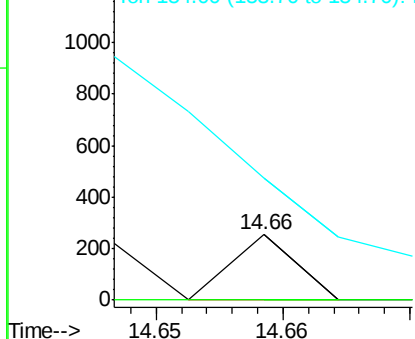
Ion	Ratio	Lower	Upper
153	100		
152	0.0	38.2	57.4#
154	187.4	68.6	103.0#

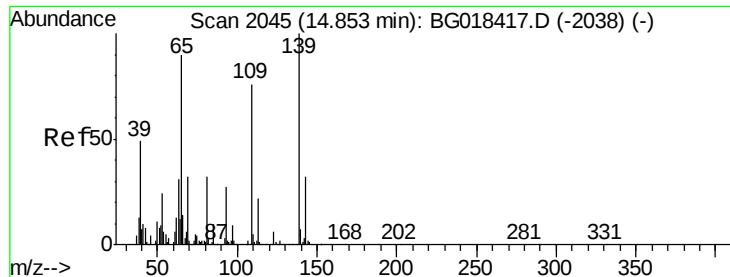


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

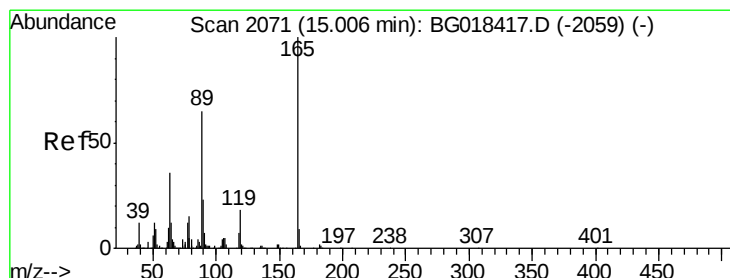
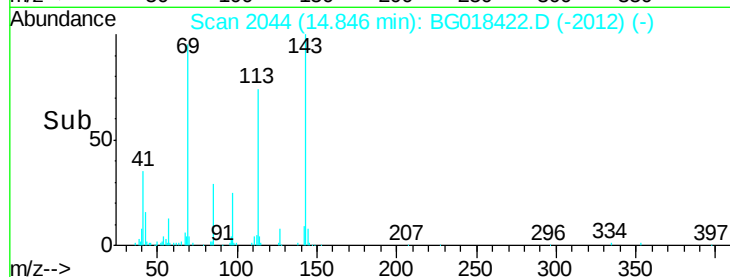
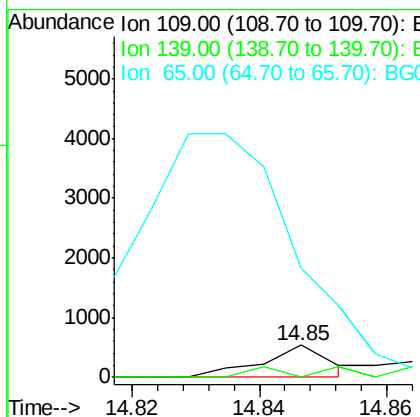
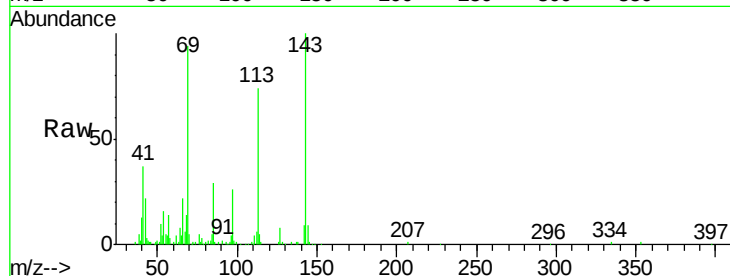




#53
 4-Nitrophenol
 Concen: 0.09 ng/ul
 RT: 14.85 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BG018422.D
 Acq: 13 Aug 2015 6:37

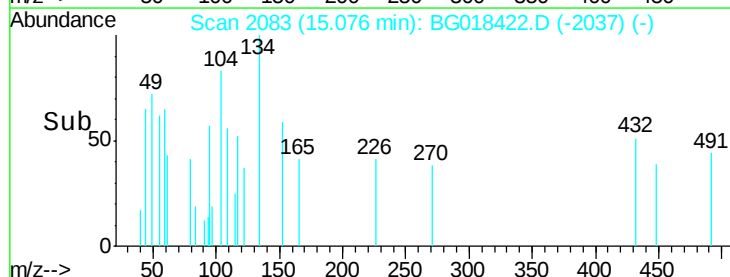
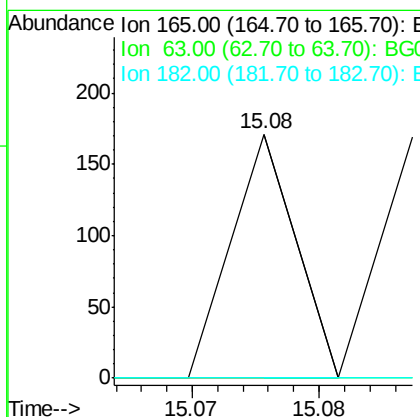
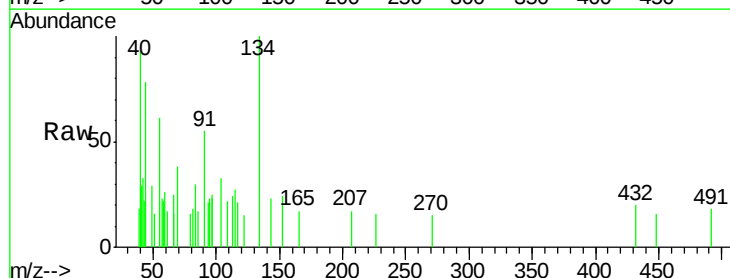
Instrument :
 BNA_M
 ClientSampleId :

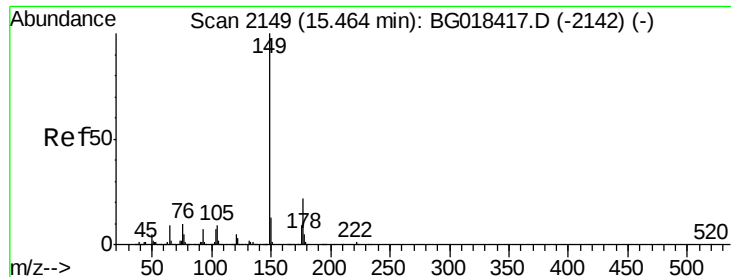
Tgt Ion	Ratio	Lower	Upper
109	100		
139	0.0	111.3	166.9#
65	336.9	105.3	157.9#



#55
 2,4-Dinitrotoluene
 Concen: 0.01 ng/ul
 RT: 15.08 min Scan# 2083
 Delta R.T. 0.07 min
 Lab File: BG018422.D
 Acq: 13 Aug 2015 6:37

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





#57

Diethylphthalate

Concen: 0.07 ng/ul

RT: 15.46 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BG018422.D

Acq: 13 Aug 2015 6:37

Instrument :

BNA_M

ClientSampleId :

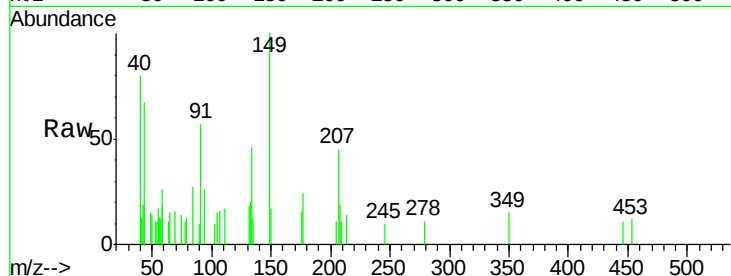
Tgt Ion:149 Resp: 1975

Ion Ratio Lower Upper

149 100

177 23.9 18.2 27.4

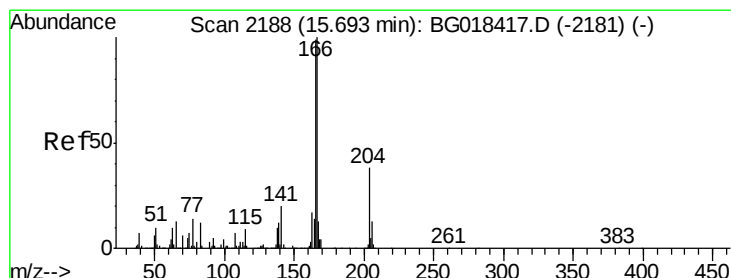
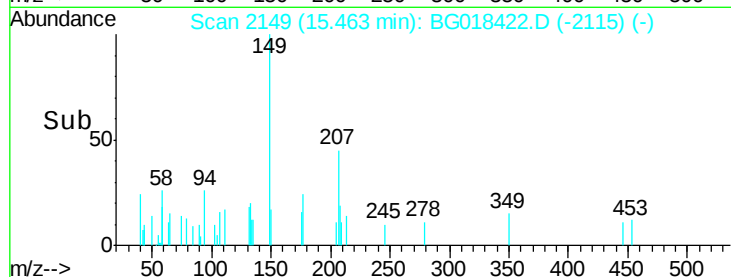
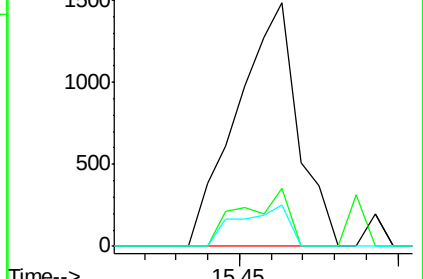
150 17.0 9.7 14.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#59

Fluorene

Concen: 0.00 ng/ul

RT: 15.74 min Scan# 2196

Delta R.T. 0.04 min

Lab File: BG018422.D

Acq: 13 Aug 2015 6:37

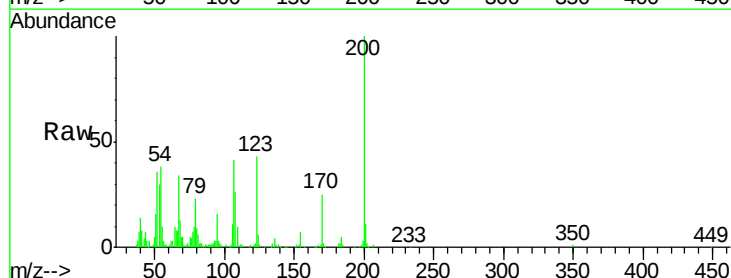
Tgt Ion:166 Resp: 130

Ion Ratio Lower Upper

166 100

165 0.0 82.6 124.0#

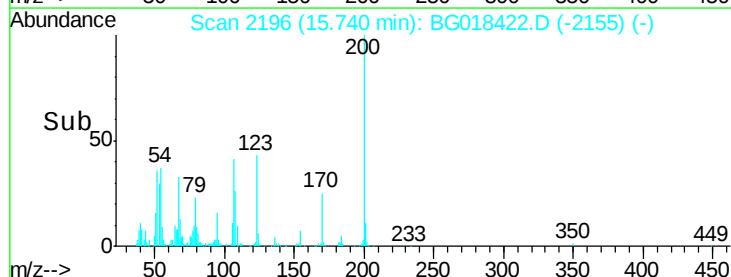
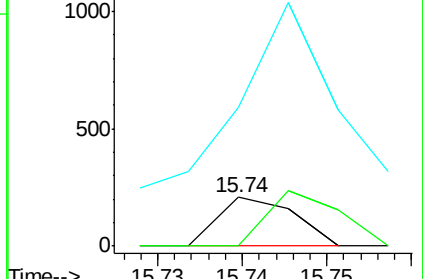
167 282.7 11.4 17.0#

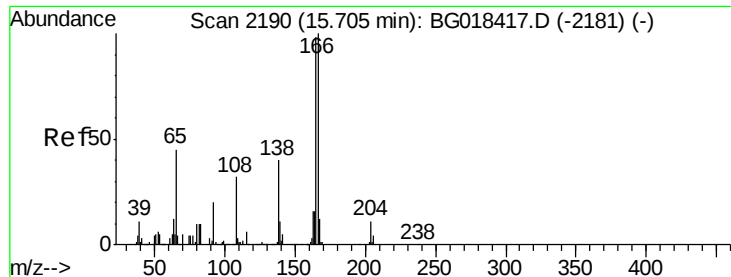


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#61

4-Nitroaniline

Concen: 0.02 ng/ul

RT: 15.73 min Scan# 2194

Delta R.T. 0.02 min

Lab File: BG018422.D

Acq: 13 Aug 2015 6:37

Instrument :

BNA_M

ClientSampleId :

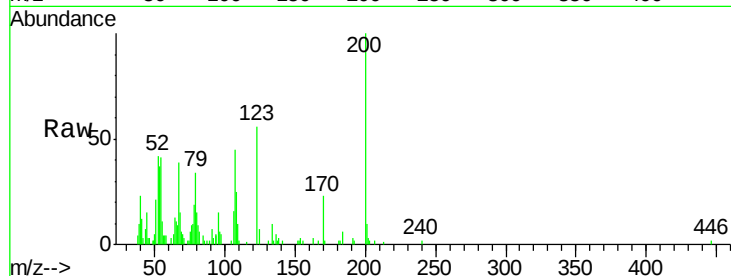
Tgt Ion:138 Resp: 99

Ion Ratio Lower Upper

138 100

92 125.0 44.0 66.0#

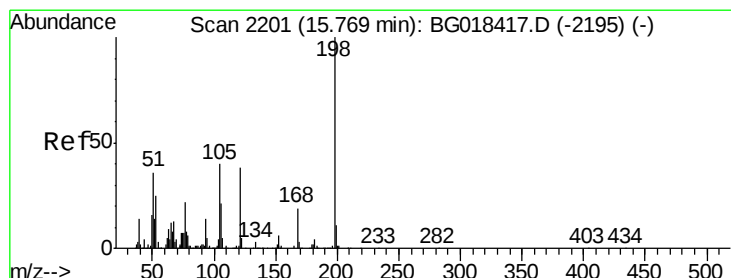
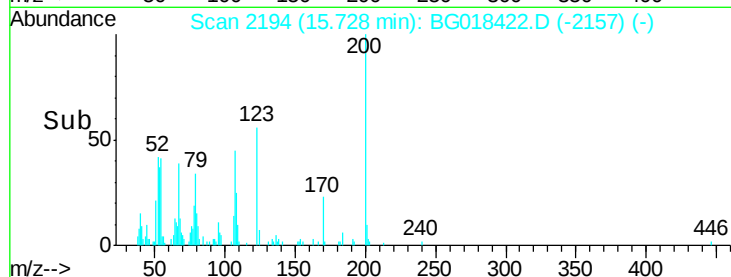
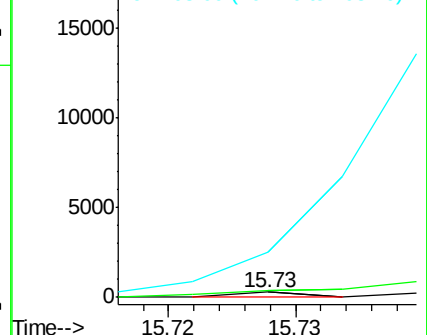
108 906.4 64.6 97.0#



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: 0.02 ng/ul

RT: 15.76 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG018422.D

Acq: 13 Aug 2015 6:37

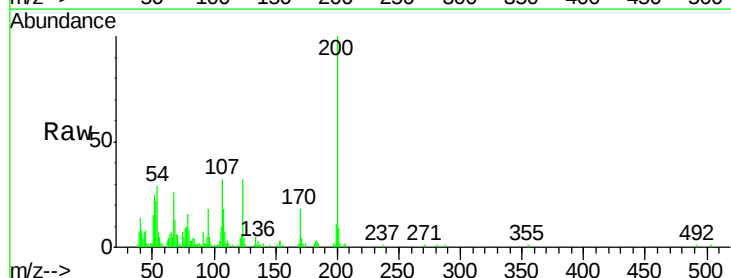
Tgt Ion:198 Resp: 84

Ion Ratio Lower Upper

198 100

182 121.8 3.4 5.0#

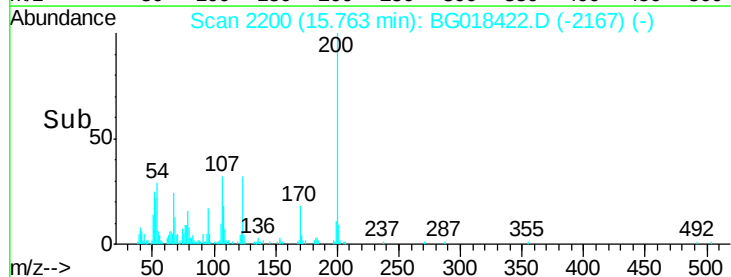
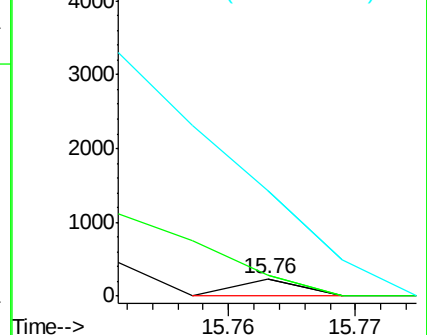
77 596.6 22.4 33.6#

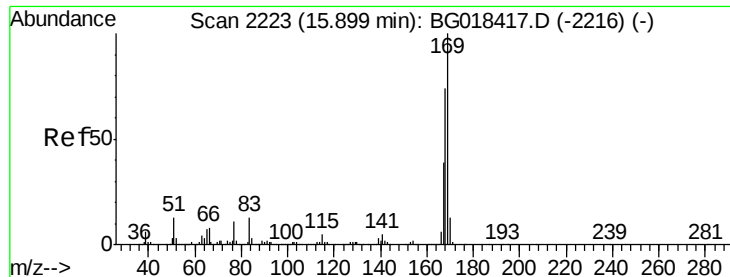


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BG

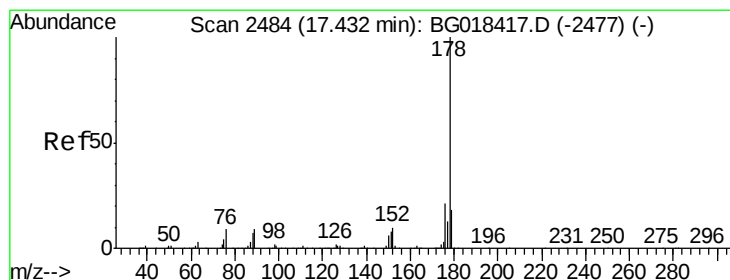
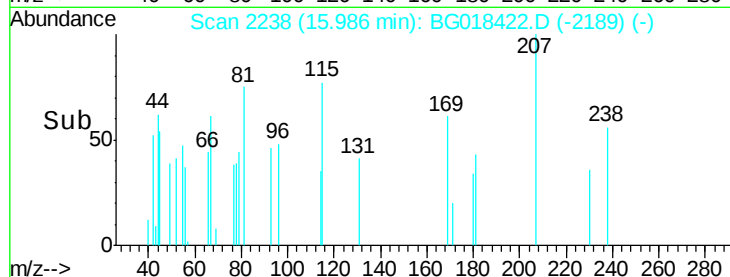
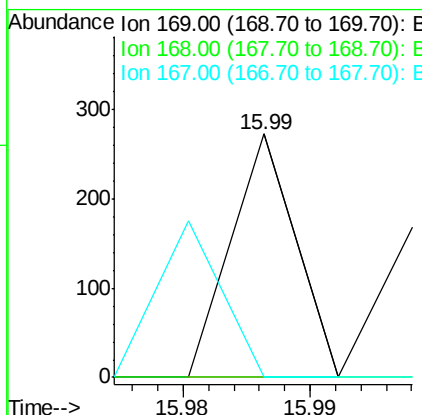
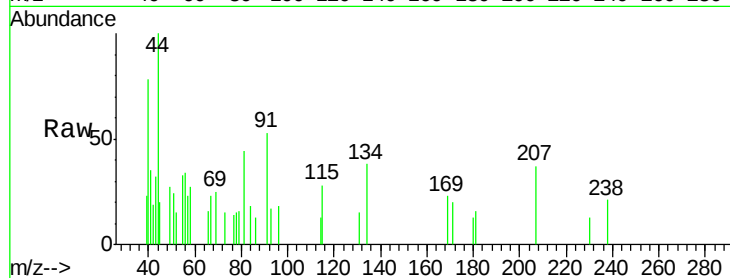




#65
N-Nitrosodiphenylamine
Concen: 0.00 ng/ul
RT: 15.99 min Scan# 2238
Delta R.T. 0.09 min
Lab File: BG018422.D
Acq: 13 Aug 2015 6:37

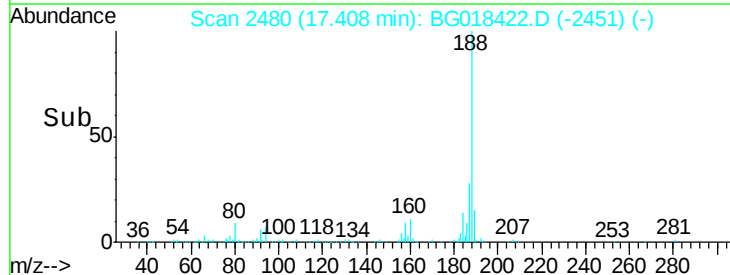
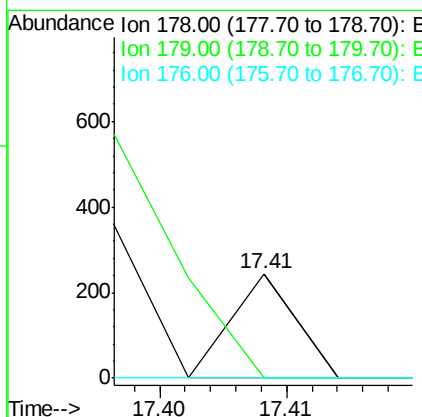
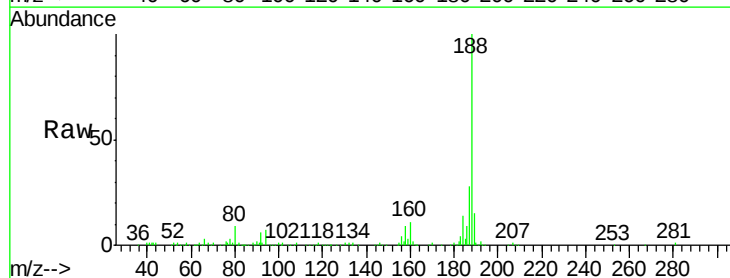
Instrument :
BNA_M
ClientSampleId :

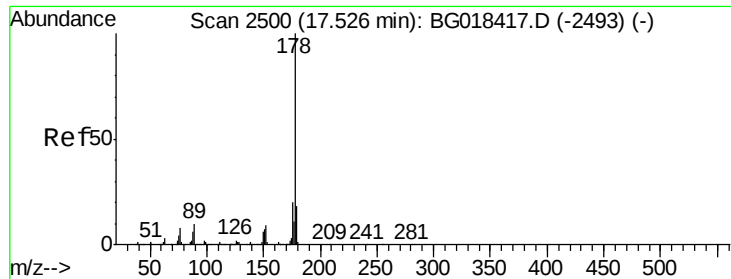
Tgt Ion:169 Resp: 96
Ion Ratio Lower Upper
169 100
168 0.0 60.2 90.2#
167 0.0 33.4 50.2#



#70
Phenanthrene
Concen: 0.00 ng/ul
RT: 17.41 min Scan# 2480
Delta R.T. -0.03 min
Lab File: BG018422.D
Acq: 13 Aug 2015 6:37

Tgt Ion:178 Resp: 86
Ion Ratio Lower Upper
178 100
179 0.0 13.7 20.5#
176 0.0 16.6 24.8#





#72

Anthracene

Concen: 0.01 ng/uL

RT: 17.48 min Scan# 2493

Delta R.T. -0.04 min

Lab File: BG018422.D

Acq: 13 Aug 2015 6:37

Instrument :

BNA_M

ClientSampled :

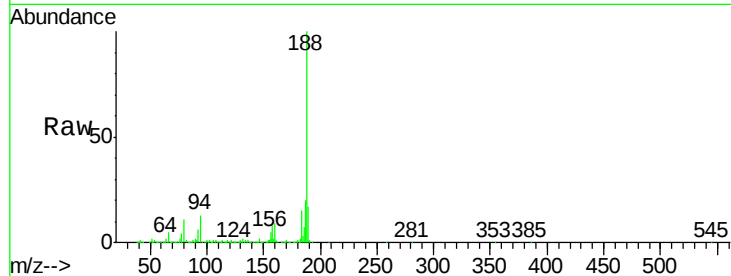
Tgt Ion:178 Resp: 578

Ion Ratio Lower Upper

178 100

179 181.6 13.0 19.4#

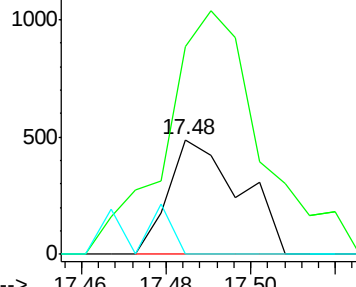
176 0.0 16.0 24.0#



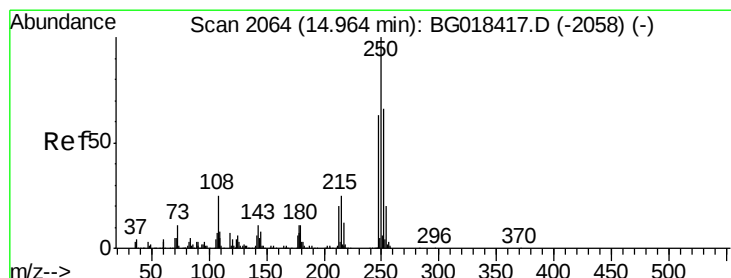
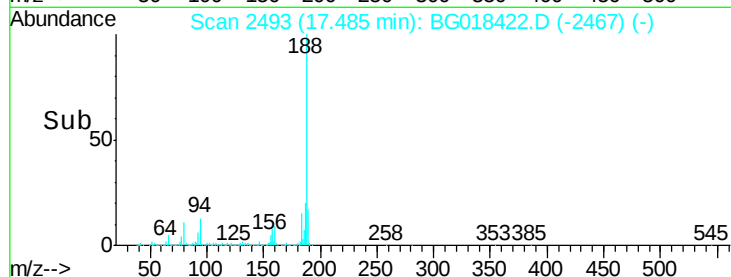
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#74

Pentachlorobenzene

Concen: 0.01 ng/uL

RT: 15.06 min Scan# 2081

Delta R.T. 0.10 min

Lab File: BG018422.D

Acq: 13 Aug 2015 6:37

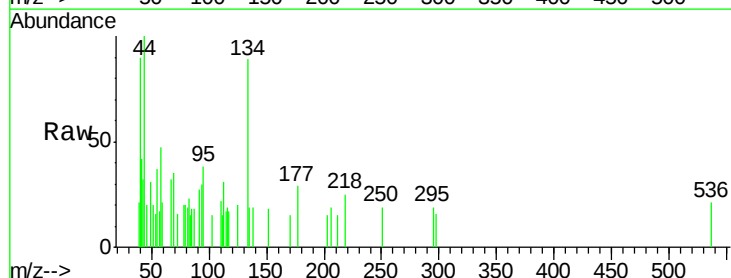
Tgt Ion:250 Resp: 134

Ion Ratio Lower Upper

250 100

248 0.0 45.8 68.8#

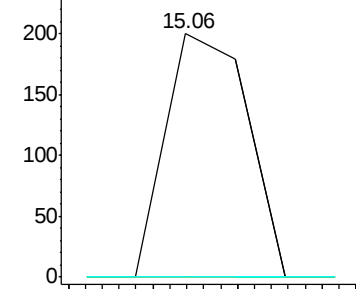
252 0.0 50.4 75.6#



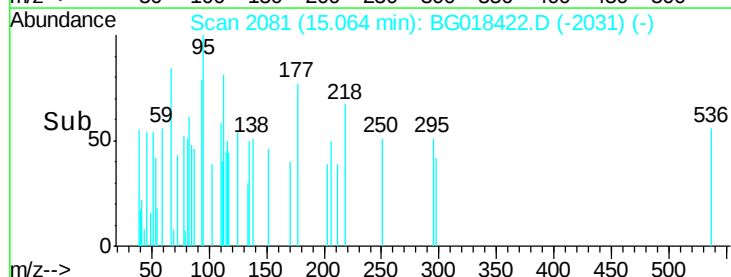
Abundance Ion 250.00 (249.70 to 250.70): E

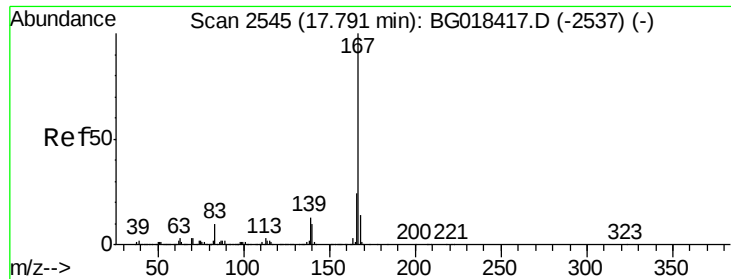
Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E



Time-->





#75

Carbazole

Concen: 0.00 ng/ul

RT: 17.69 min Scan# 2528

Delta R.T. -0.10 min

Lab File: BG018422.D

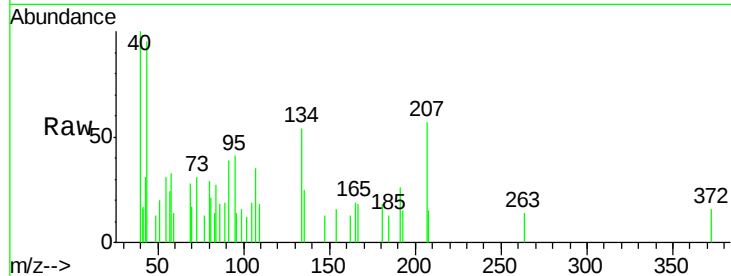
Acq: 13 Aug 2015 6:37

Instrument :

BNA_M

ClientSampled :

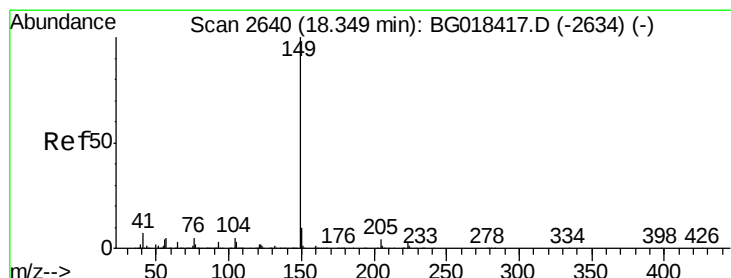
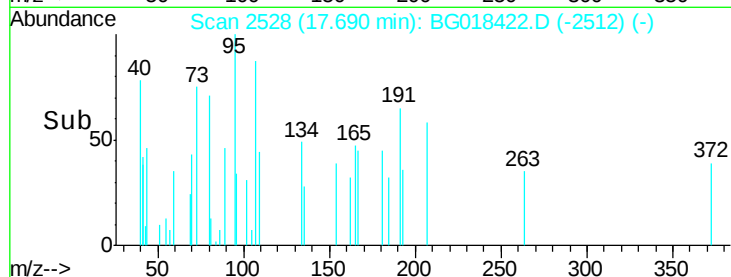
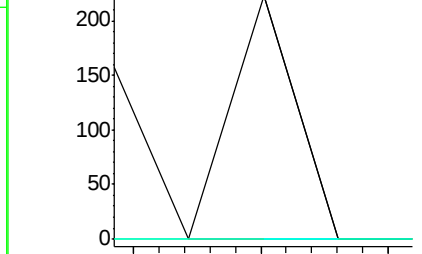
Tgt Ion:	167	Resp:	79
Ion	Ratio	Lower	Upper
167	100		
166	0.0	18.9	28.3#
139	0.0	10.1	15.1#



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: 0.03 ng/ul

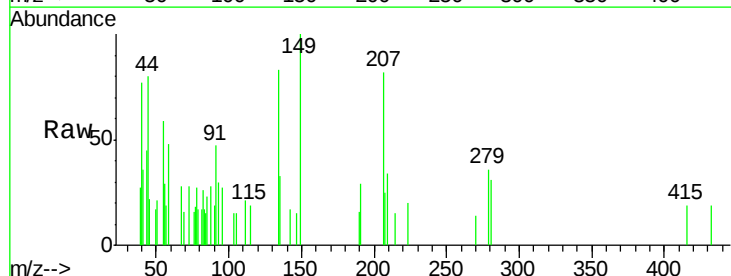
RT: 18.35 min Scan# 2640

Delta R.T. -0.00 min

Lab File: BG018422.D

Acq: 13 Aug 2015 6:37

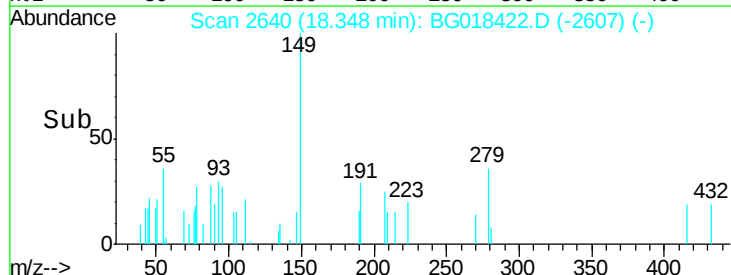
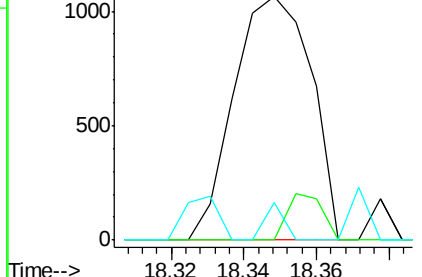
Tgt Ion:	149	Resp:	1574
Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.5	11.3#
104	15.3	4.3	6.5#

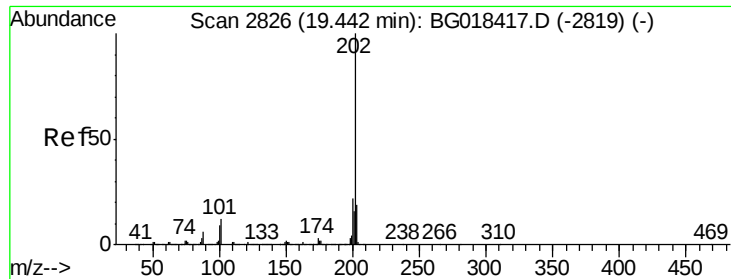


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#77

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.61 min Scan# 2854

Delta R.T. 0.17 min

Lab File: BG018422.D

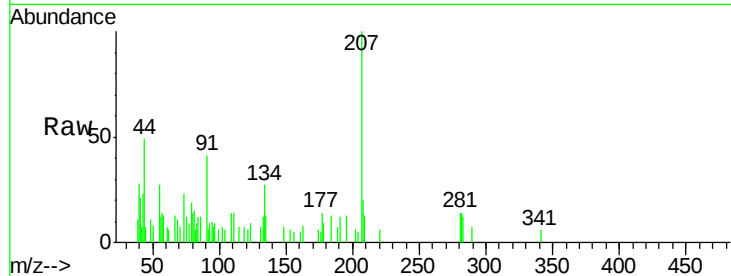
Acq: 13 Aug 2015 6:37

Instrument :

BNA_M

ClientSampleId :

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#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

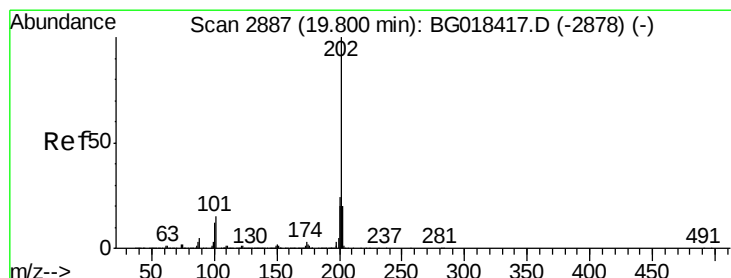
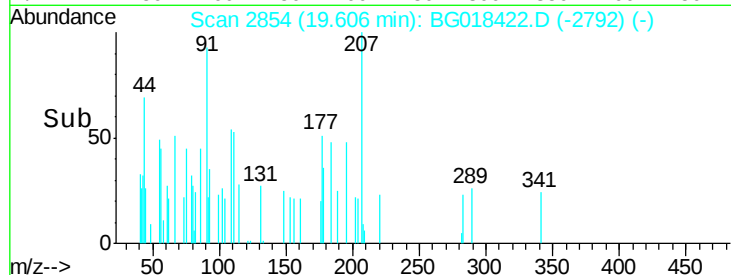
Ion 100.00 (99.70 to 100.70): B

19.61

19.60

19.61

Time-->



#80

Pyrene

Concen: 0.00 ng/ul

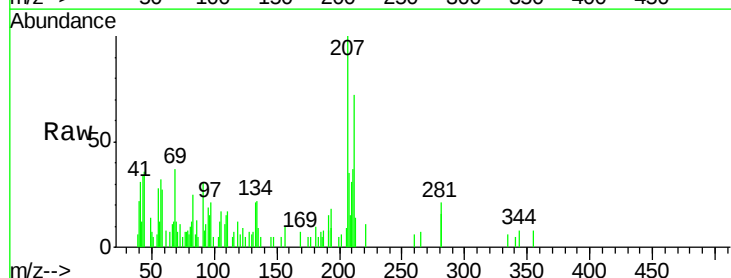
RT: 19.81 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BG018422.D

Acq: 13 Aug 2015 6:37

Tgt Ion:	202	Resp:	69
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

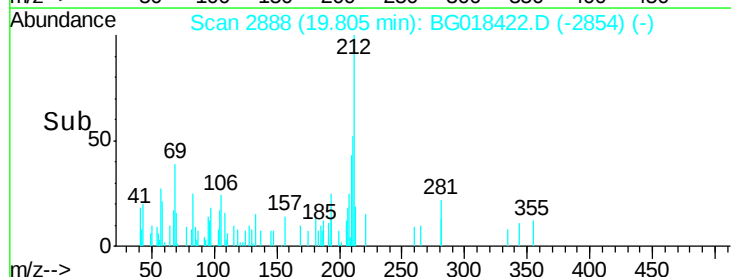
Ion 100.00 (99.70 to 100.70): B

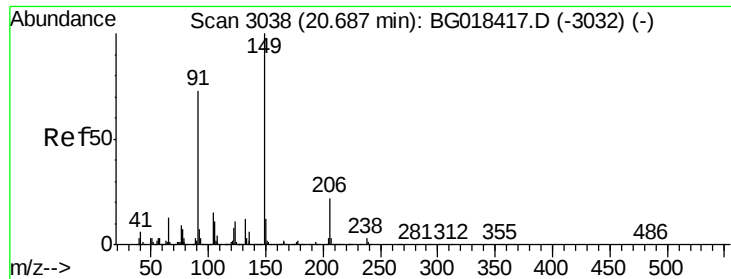
19.81

19.80

19.81

Time-->





#81

Butylbenzylphthalate

Concen: 0.01 ng/ul

RT: 20.68 min Scan# 3037

Delta R.T. -0.01 min

Lab File: BG018422.D

Acq: 13 Aug 2015 6:37

Instrument :

BNA_M

ClientSampled :

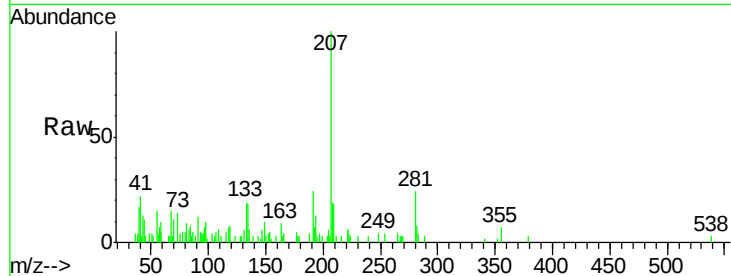
Tgt Ion:149 Resp: 360

Ion Ratio Lower Upper

149 100

91 118.3 57.9 86.9#

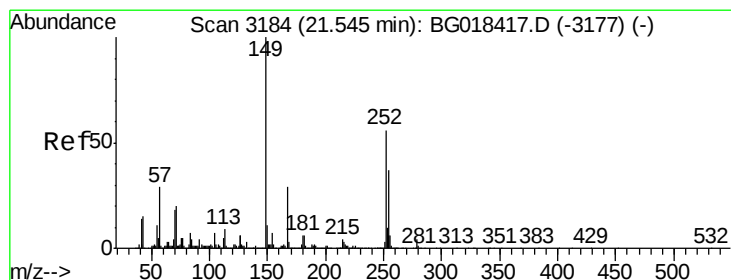
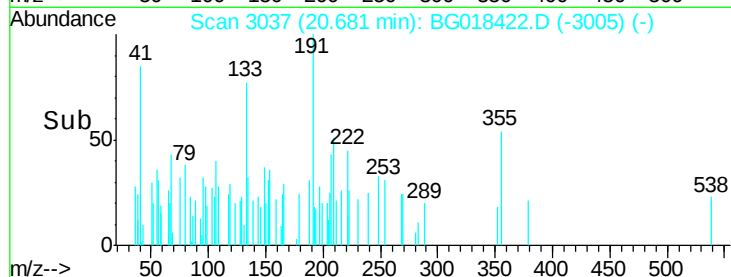
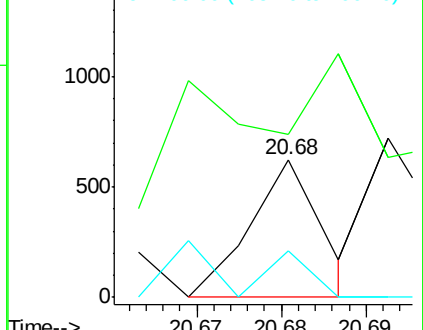
206 33.4 17.9 26.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BGC

Ion 206.00 (205.70 to 206.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.02 ng/ul

RT: 21.53 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG018422.D

Acq: 13 Aug 2015 6:37

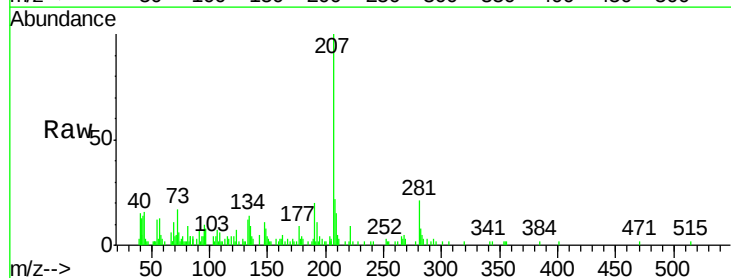
Tgt Ion:252 Resp: 338

Ion Ratio Lower Upper

252 100

254 0.0 50.9 76.3#

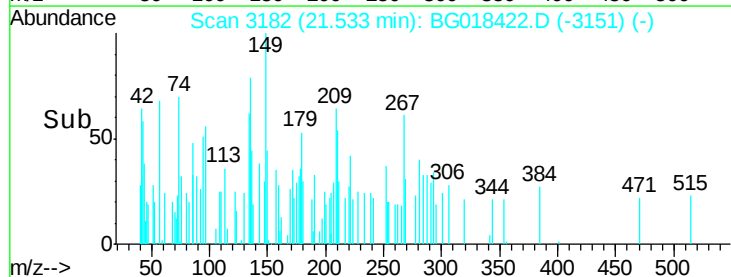
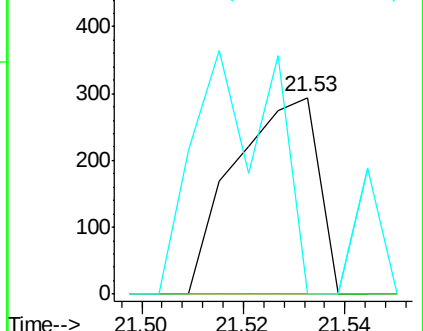
126 0.0 9.6 14.4#

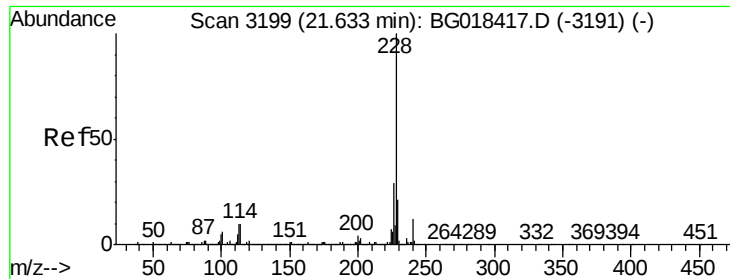


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Benzo(a)anthracene

Concen: 0.05 ng/ul

RT: 21.64 min Scan# 3201

Delta R.T. 0.01 min

Lab File: BG018422.D

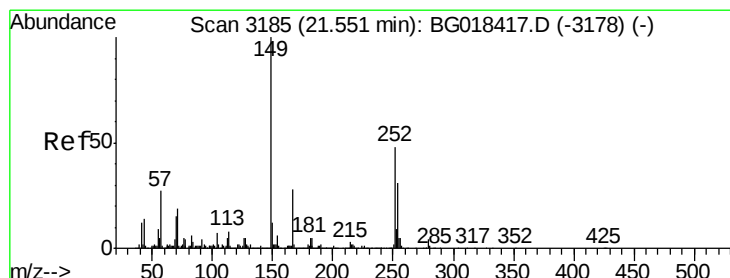
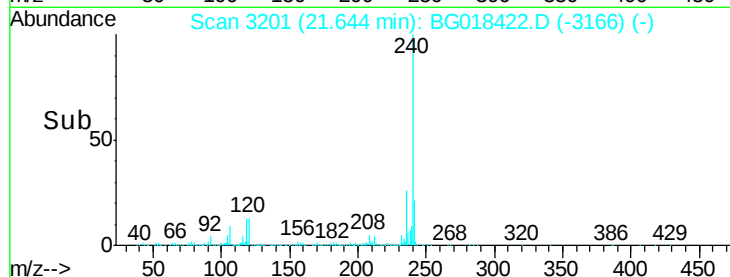
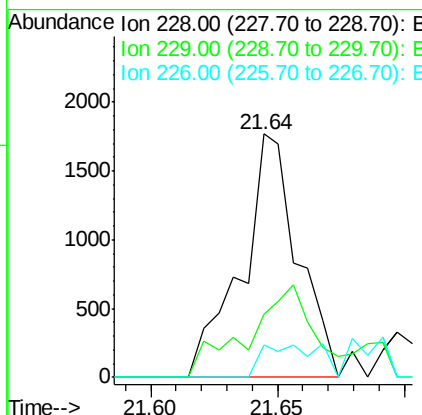
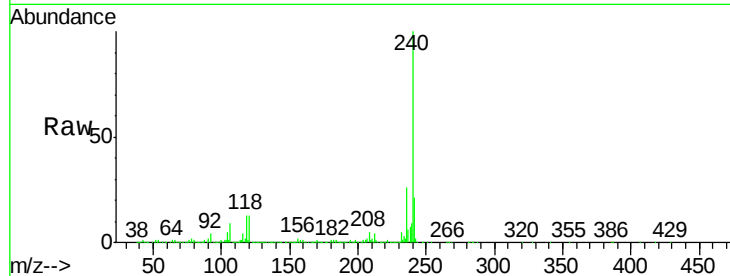
Acq: 13 Aug 2015 6:37

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	228	Resp:	2731
Ion	Ratio	Lower	Upper
228	100		
229	26.1	15.5	23.3#
226	13.5	22.1	33.1#



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.06 ng/ul

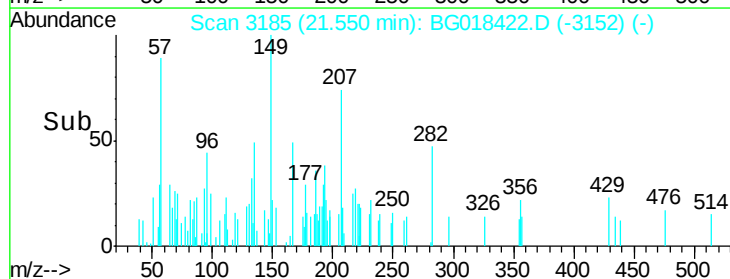
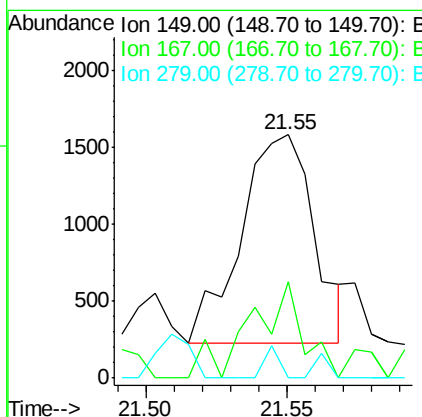
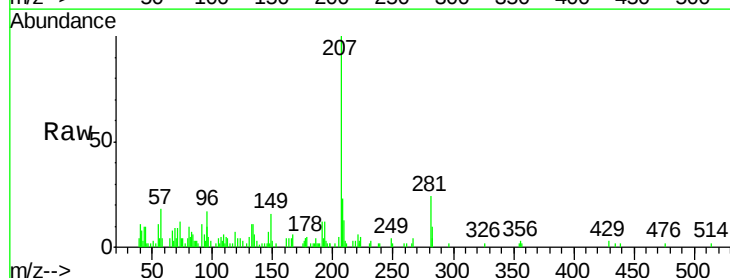
RT: 21.55 min Scan# 3185

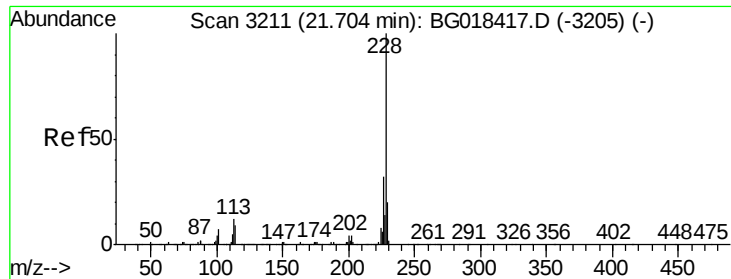
Delta R.T. -0.00 min

Lab File: BG018422.D

Acq: 13 Aug 2015 6:37

Tgt Ion:	149	Resp:	2449
Ion	Ratio	Lower	Upper
149	100		
167	33.7	22.2	33.2#
279	0.0	2.8	4.2#

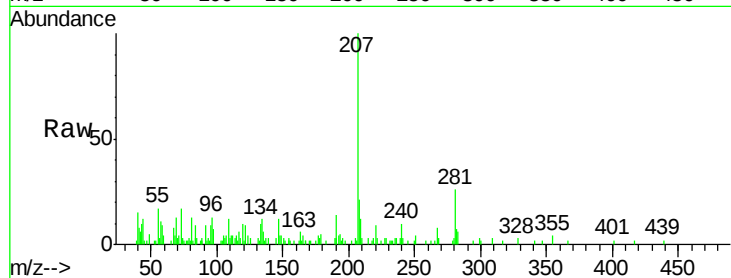




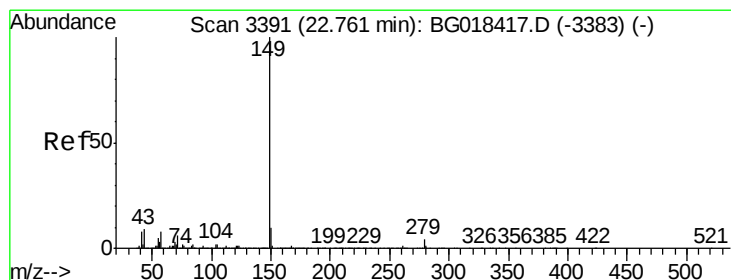
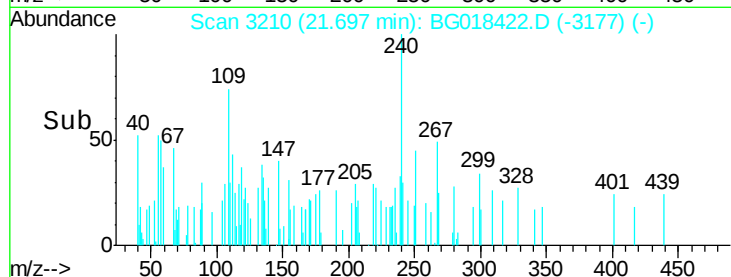
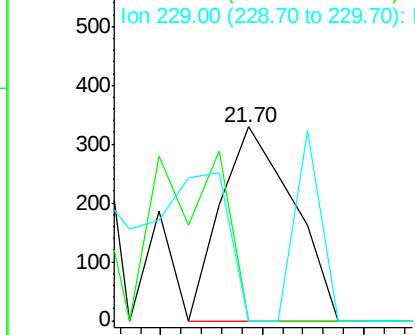
#85
 Chrysene
 Concen: 0.01 ng/ul
 RT: 21.70 min Scan# 3210
 Delta R.T. -0.00 min
 Lab File: BG018422.D
 Acq: 13 Aug 2015 6:37

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion: 228 Resp: 329
 Ion Ratio Lower Upper
 228 100
 226 0.0 26.5 39.7#
 229 0.0 16.9 25.3#

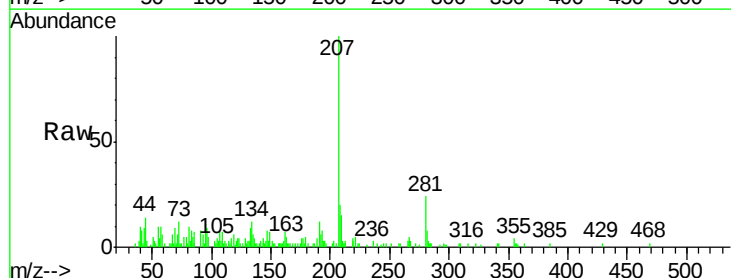


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

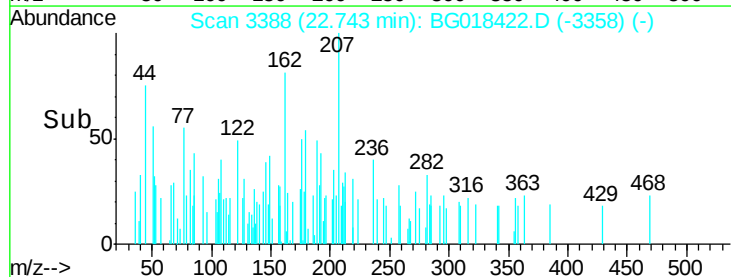
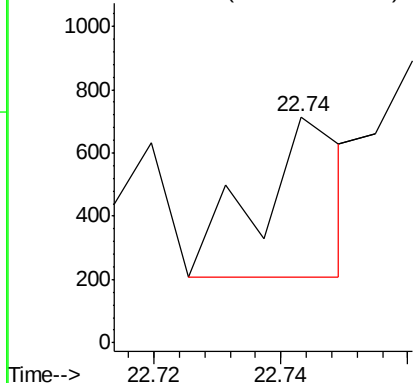


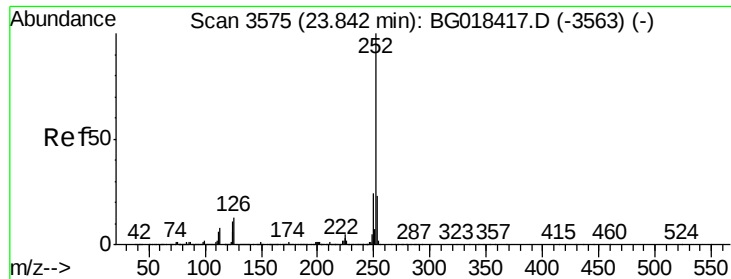
#87
 Di-n-octyl phthalate
 Concen: 0.01 ng/ul
 RT: 22.74 min Scan# 3388
 Delta R.T. -0.02 min
 Lab File: BG018422.D
 Acq: 13 Aug 2015 6:37

Tgt Ion: 149 Resp: 473



Abundance Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 0.01 ng/ul

RT: 23.82 min Scan# 3572

Delta R.T. -0.02 min

Lab File: BG018422.D

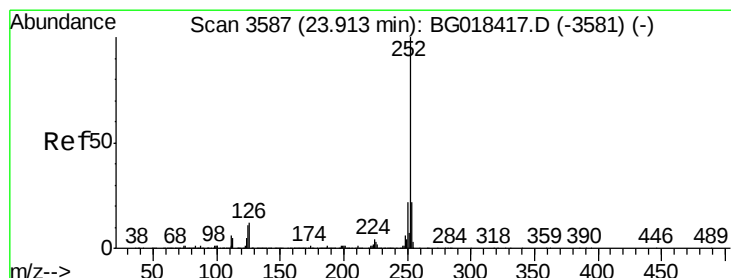
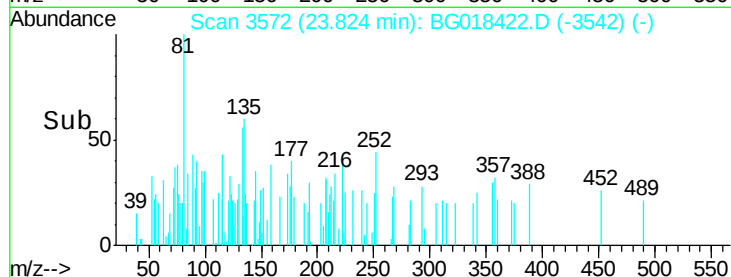
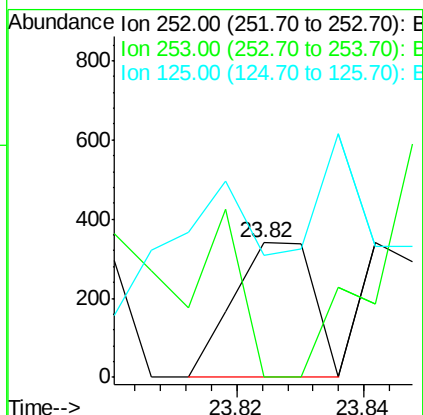
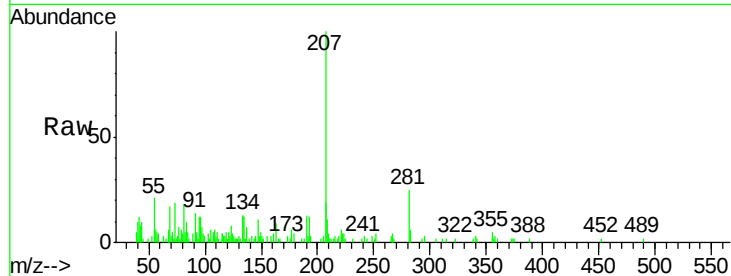
Acq: 13 Aug 2015 6:37

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	252	Resp:	298
Ion Ratio	Lower	Upper	
252	100		
253	0.0	18.1	27.1#
125	90.6	8.3	12.5#



#89

Benzo(k)fluoranthene

Concen: 0.01 ng/ul

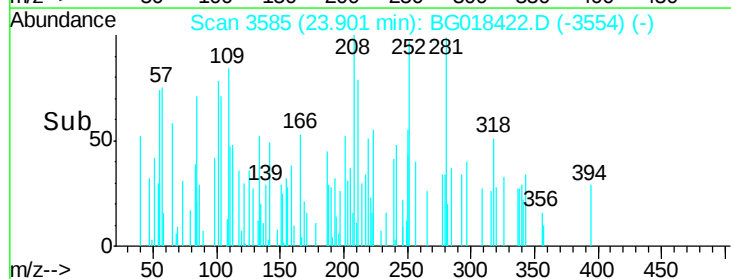
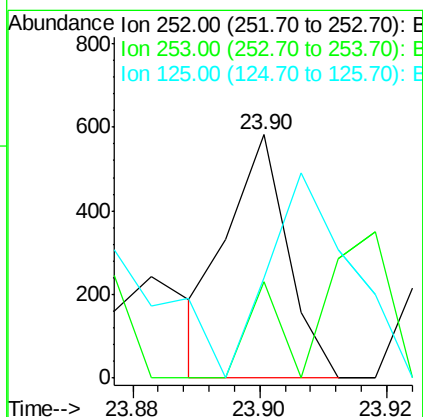
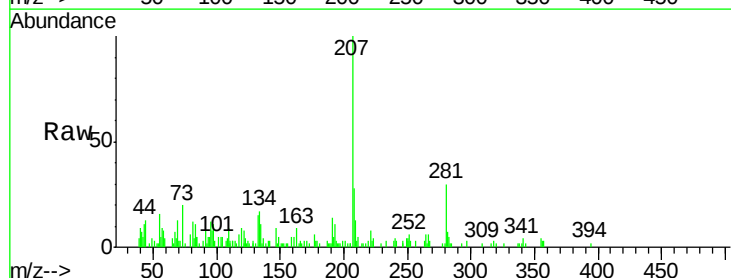
RT: 23.90 min Scan# 3585

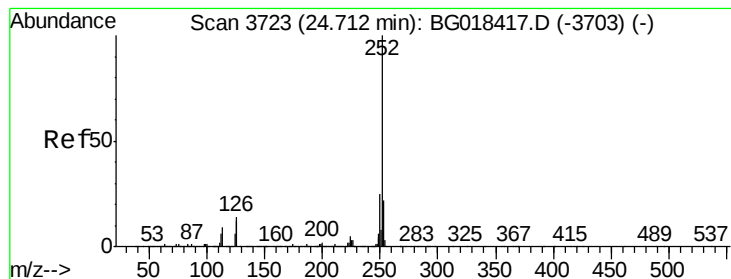
Delta R.T. -0.02 min

Lab File: BG018422.D

Acq: 13 Aug 2015 6:37

Tgt Ion:	252	Resp:	377
Ion Ratio	Lower	Upper	
252	100		
253	39.7	17.8	26.6#
125	41.1	9.0	13.4#





#91

Benzo(a)pyrene

Concen: 0.01 ng/ul

RT: 24.70 min Scan# 3721

Delta R.T. -0.02 min

Lab File: BG018422.D

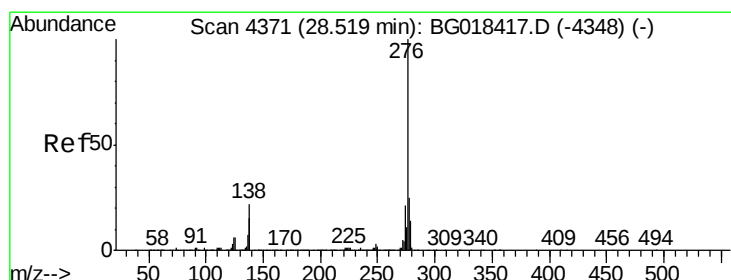
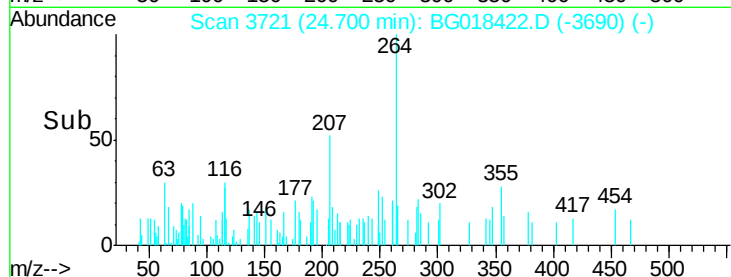
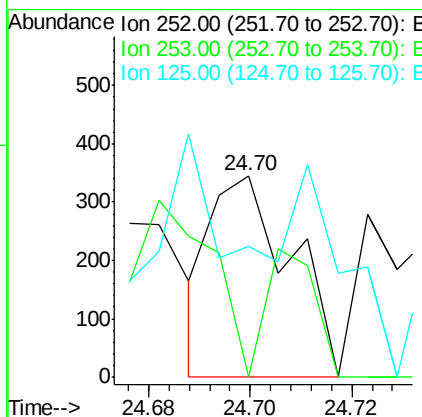
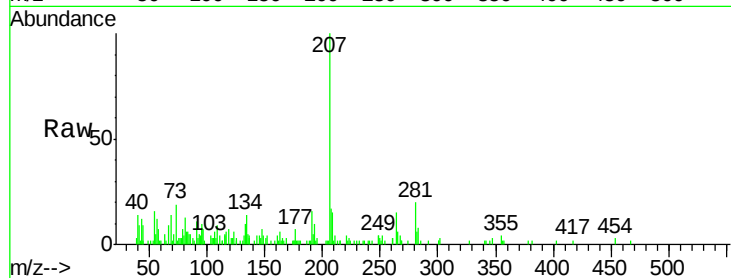
Acq: 13 Aug 2015 6:37

Instrument :

BNA_M

ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.7	26.5#
125	64.9	10.2	15.2#



#92

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

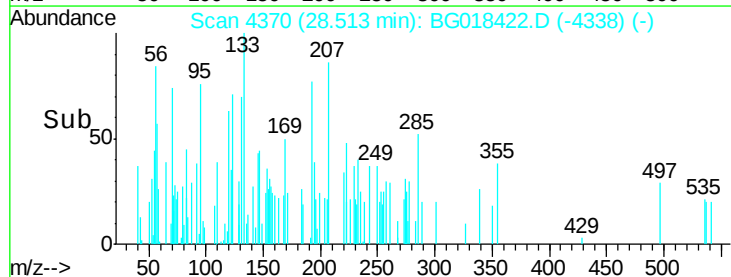
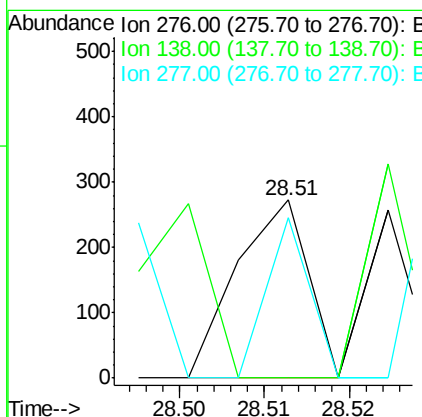
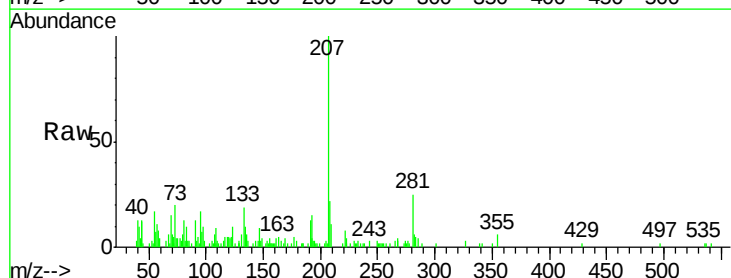
RT: 28.51 min Scan# 4370

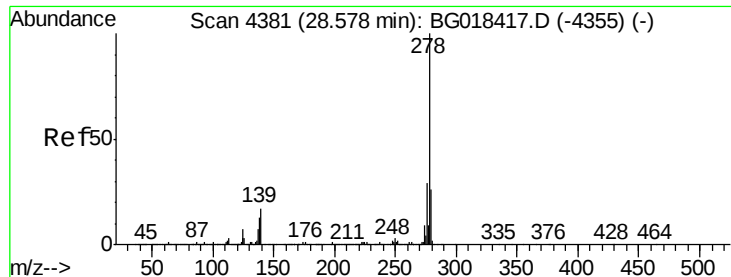
Delta R.T. -0.01 min

Lab File: BG018422.D

Acq: 13 Aug 2015 6:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	15.8	23.6#
277	89.7	18.9	28.3#





#93

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 28.55 min Scan# 4377

Delta R.T. -0.04 min

Lab File: BG018422.D

Acq: 13 Aug 2015 6:37

Instrument :

BNA_M

ClientSampleId :

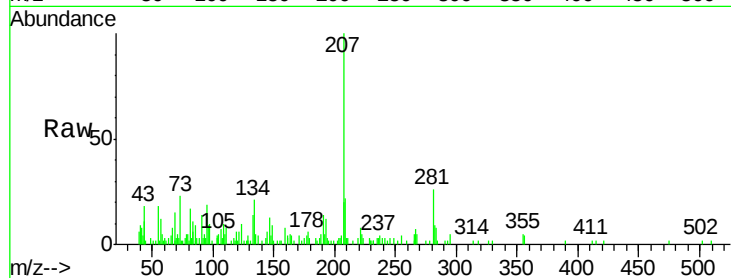
Tgt Ion:278 Resp: 115

Ion Ratio Lower Upper

278 100

139 0.0 13.8 20.6#

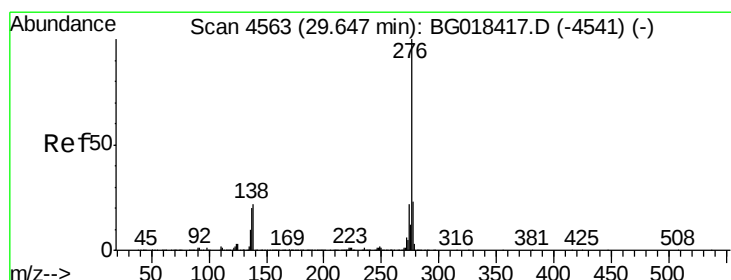
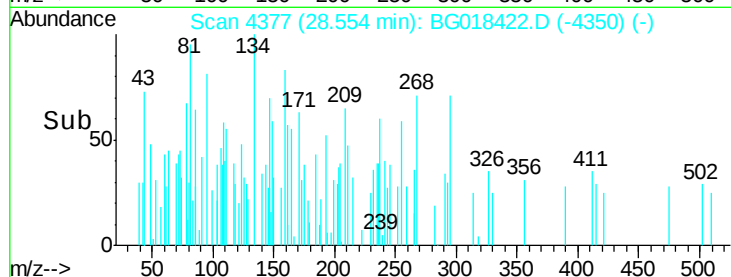
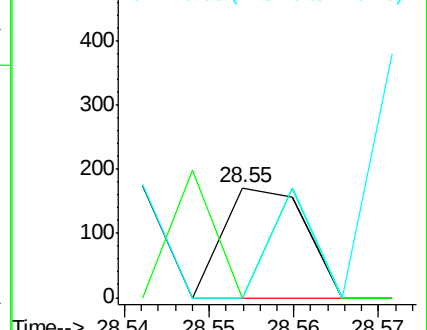
279 0.0 17.8 26.8#



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: 29.64 min Scan# 4562

Delta R.T. -0.03 min

Lab File: BG018422.D

Acq: 13 Aug 2015 6:37

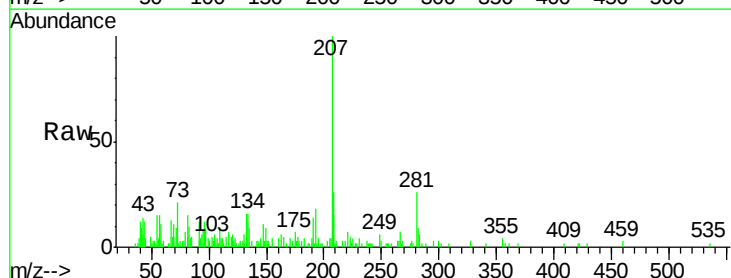
Tgt Ion:276 Resp: 159

Ion Ratio Lower Upper

276 100

138 0.0 16.5 24.7#

277 70.4 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

