

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 04:52:28 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	20389	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	3972	20.00	ng/ul	0.14
36) Acenaphthene-d10	14.86	164	245	20.00	ng/ul	0.20
62) Phenanthrene-d10	17.65	188	307	20.00	ng/ul	0.24
78) Chrysene-d12	21.99	240	191	20.00	ng/ul	0.31
86) Perylene-d12	25.25	264	71	20.00	ng/ul	0.35

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	772	1.71	ng/uL	0.00
5) Phenol-d5	7.19	99	22751	12.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	15203	13.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	17797	13.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	19465	14.09	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	10278	342.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.91	143	10465	338.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	20248	327.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	54371	721.03	ng/ul	0.13
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	14.54	160	313	13.10	ng/ul	0.18
52) 4-Nitrophenol-d4	15.06	143	231	59.19	ng/ul	0.20
58) Fluorene-d10	15.87	176	1708	97.66	ng/ul	0.21
63) 4,6-Dinitro-2-methylphenol	15.97	200	320	192.15	ng/ul	0.20
71) Anthracene-d10	17.75	188	103	7.12	ng/ul	0.24
79) Pyrene-d10	20.07	212	231	26.11	ng/ul	0.28
90) Benzo(a)pyrene-d12	25.00	264	312	85.88	ng/ul	0.32

Target Compounds

						Ovalue
14) Acetophenone	8.84	105	7658	3.58	ng/ul#	37
16) 4-Methylphenol	8.80	108	1575	1.03	ng/ul	96
17) Hexachloroethane	9.14	117	3193	5.86	ng/ul#	1
20) Nitrobenzene	9.39	77	3354	44.88	ng/ul#	51
21) Isophorone	9.90	82	1239	8.50	ng/ul#	69
24) 2,4-Dimethylphenol	10.00	107	6213	82.54	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.38	93	289	3.35	ng/ul#	50
27) 2,4-Dichlorophenol	10.68	162	798	12.62	ng/ul#	15
28) Naphthalene	10.89	128	246091	1196.53	ng/ul	99
30) 4-Chloroaniline	11.25	127	695	8.92	ng/ul	98
32) Caprolactam	11.85	113	66	3.10	ng/ul#	57
33) 4-Chloro-3-methylphenol	12.27	107	474	6.84	ng/ul#	19
34) 2-Methylnaphthalene	12.71	142	94454	613.14	ng/ul	98
35) 1-Methylnaphthalene	12.90	142	322	2.13	ng/ul#	26
40) 2,4,5-Trichlorophenol	13.43	196	111	19.99	ng/ul#	13
41) 1,1'-Biphenyl	13.49	154	41647	2085.43	ng/ul	93
42) 2-Chloronaphthalene	13.70	162	1587	102.34	ng/ul#	1
43) 2-Nitroaniline	13.93	65	567	112.56	ng/ul#	36
45) Dimethylphthalate	14.27	163	241	12.22	ng/ul#	54
46) 2,6-Dinitrotoluene	14.42	165	59	15.55	ng/ul#	1
48) Acenaphthylene	14.59	152	397	15.52	ng/ul#	52
49) 3-Nitroaniline	14.86	138	55	14.68	ng/ul#	1
50) Acenaphthene	14.93	153	253	14.58	ng/ul#	50

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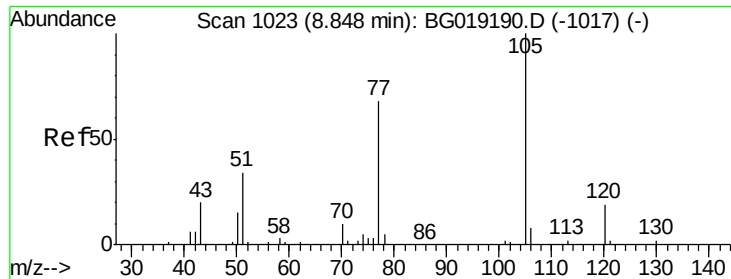
Instrument :
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 Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

51) 2,4-Dinitrophenol	14.96	184	539	245.43	ng/ul#	1
53) 4-Nitrophenol	15.08	109	253	84.77	ng/ul#	1
54) Dibenzofuran	15.26	168	8999	380.99	ng/ul#	48
55) 2,4-Dinitrotoluene	15.21	165	516	93.02	ng/ul#	1
57) Diethylphthalate	15.66	149	119	6.01	ng/ul#	1
59) Fluorene	15.93	166	864	43.41	ng/ul#	1
60) 4-Chlorophenyl-phenylether	15.90	204	137	13.93	ng/ul#	1
61) 4-Nitroaniline	15.91	138	271	64.02	ng/ul#	10
64) 4,6-Dinitro-2-methylphenol	15.95	198	182	103.48	ng/ul#	1
65) N-Nitrosodiphenylamine	16.12	169	4304	482.00	ng/ul#	50
68) Atrazine	17.12	200	205	55.33	ng/ul#	8
70) Phenanthrene	17.54	178	25952	1500.29	ng/ul	93
72) Anthracene	17.76	178	2007	115.11	ng/ul#	1
75) Carbazole	18.05	167	568	37.76	ng/ul#	1
76) Di-n-butylphthalate	18.63	149	62	3.22	ng/ul#	1
77) Fluoranthene	19.82	202	50160	2490.40	ng/ul	98
80) Pyrene	20.11	202	489	42.54	ng/ul#	54
81) Butylbenzylphthalate	21.00	149	230	52.76	ng/ul#	1
82) 3,3'-Dichlorobenzidine	21.89	252	412	116.53	ng/ul#	38
83) Benzo(a)anthracene	21.98	228	100	9.07	ng/ul#	1
84) Bis(2-ethylhexyl)phthalate	21.91	149	120	18.97	ng/ul#	1
85) Chrysene	22.04	228	194	18.65	ng/ul#	1
87) Di-n-octyl phthalate	23.09	149	732	181.63	ng/ul	100
88) Benzo(b)fluoranthene	24.19	252	408	97.53	ng/ul#	1
89) Benzo(k)fluoranthene	24.27	252	153	37.56	ng/ul#	1
91) Benzo(a)pyrene	25.09	252	71	17.53	ng/ul#	59
93) Dibenzo(a,h)anthracene	29.21	278	53	13.20	ng/ul#	58

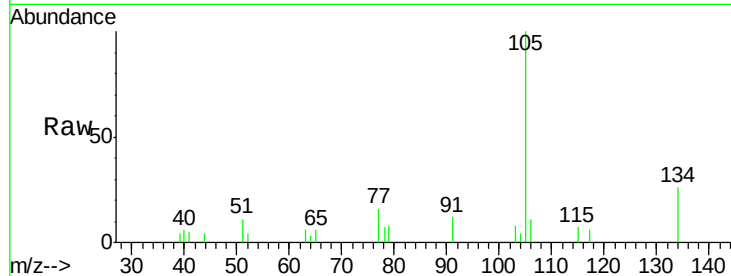
(#) = qualifier out of range (m) = manual integration (+) = signals summed



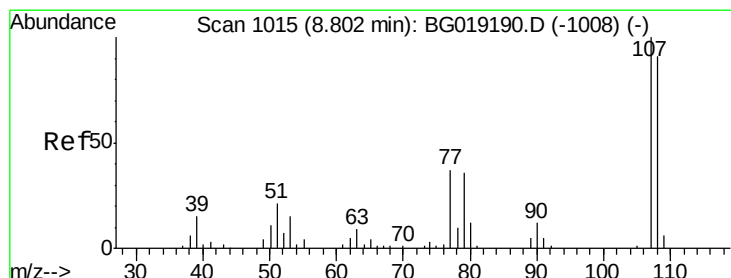
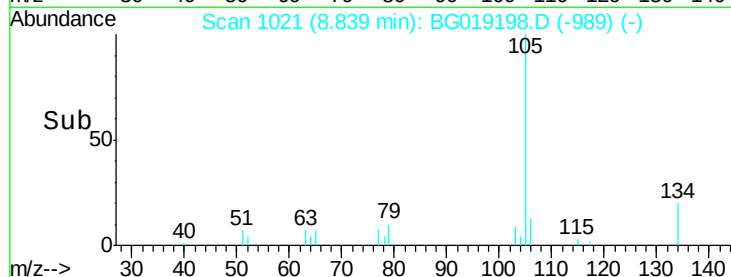
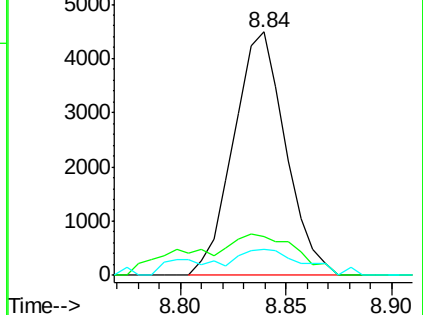
#14
Acetophenone
Concen: 3.58 ng/ul
RT: 8.84 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG019198.D
Acq: 14 Oct 2015 3:14

Instrument :
BNA_G
ClientSampleId :
E5LJ0

Tot Ion:105 Resp: 7658
Ion Ratio Lower Upper
105 100
77 15.7 63.8 95.6#
51 10.6 26.1 39.1#

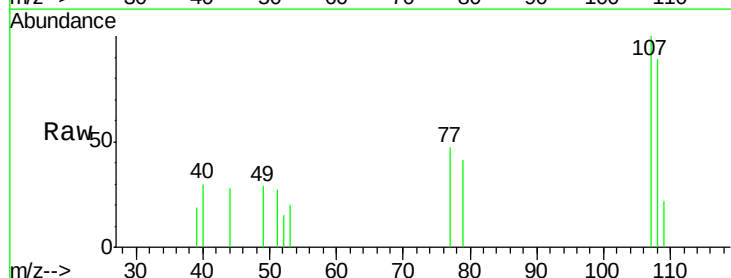


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 51.00 (50.70 to 51.70): BG

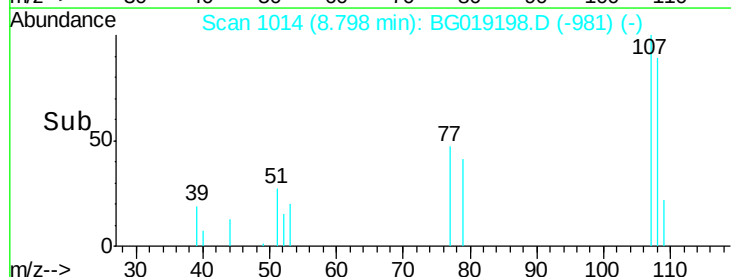
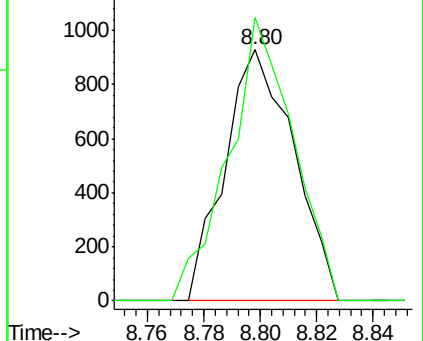


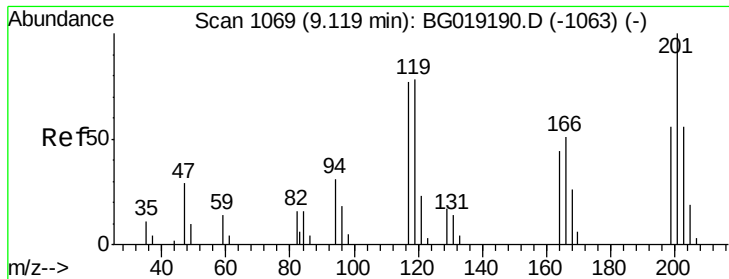
#16
4-Methylphenol
Concen: 1.03 ng/ul
RT: 8.80 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG019198.D
Acq: 14 Oct 2015 3:14

Tgt Ion:108 Resp: 1575
Ion Ratio Lower Upper
108 100
107 112.7 86.6 130.0



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





#17

Hexachloroethane

Concen: 5.86 ng/ul

RT: 9.14 min Scan# 1072

Delta R.T. 0.02 min

Lab File: BG019198.D

Acq: 14 Oct 2015 3:14

Instrument :

BNA_G

ClientSampled :

E5LJ0

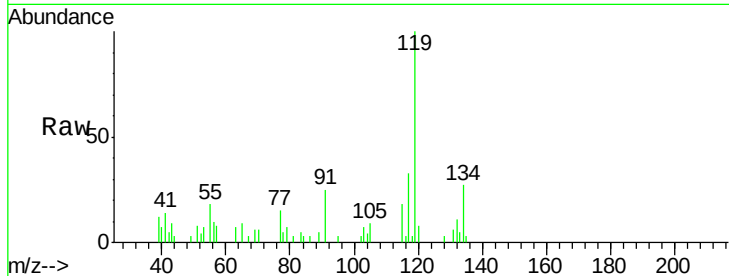
Tot Ion:117 Resp: 3193

Ion Ratio Lower Upper

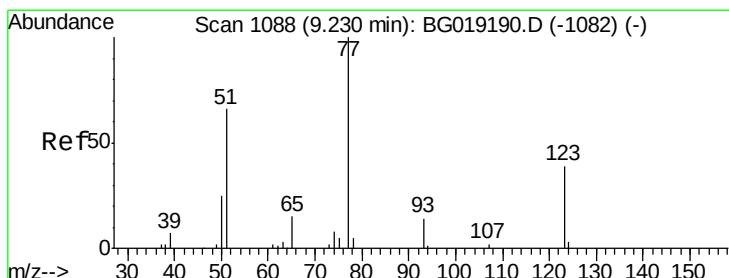
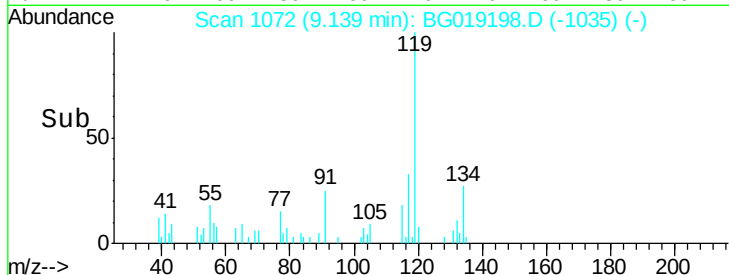
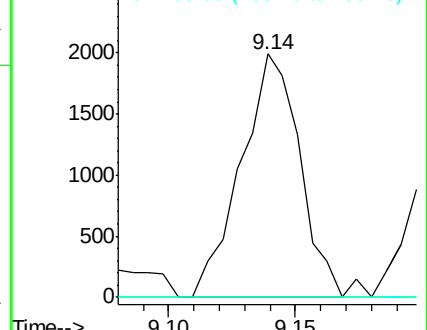
117 100

201 0.0 91.4 137.0#

199 0.0 58.7 88.1#



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: 44.88 ng/ul

RT: 9.39 min Scan# 1114

Delta R.T. 0.16 min

Lab File: BG019198.D

Acq: 14 Oct 2015 3:14

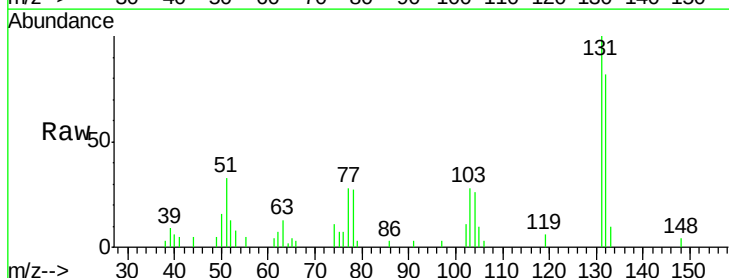
Tgt Ion: 77 Resp: 3354

Ion Ratio Lower Upper

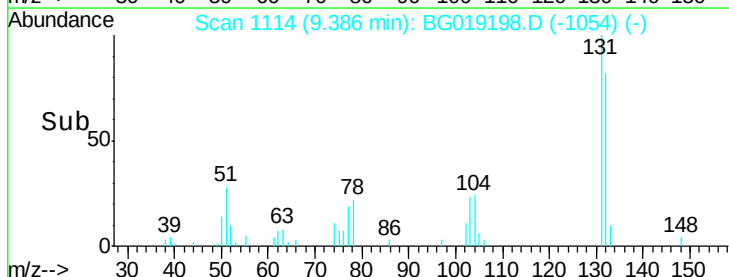
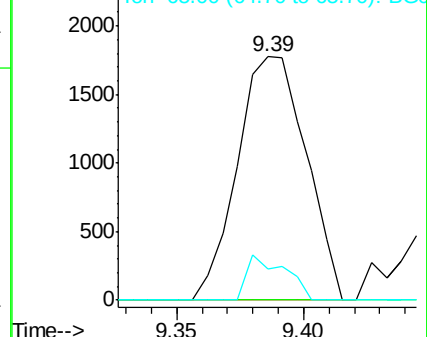
77 100

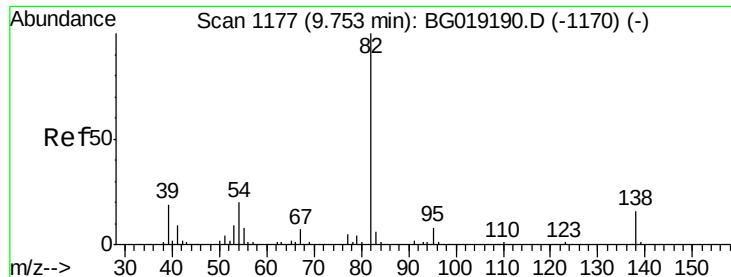
123 0.0 32.6 48.8#

65 13.0 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 8.50 ng/ul

RT: 9.90 min Scan# 1202

Delta R.T. 0.15 min

Lab File: BG019198.D

Acq: 14 Oct 2015 3:14

Instrument :

BNA_G

ClientSampleId :

E5LJ0

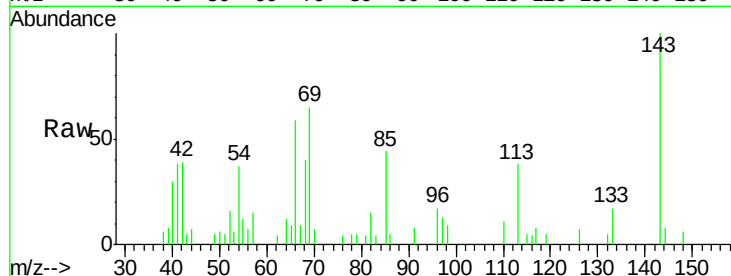
Tot Ion: 82 Resp: 1239

Ion Ratio Lower Upper

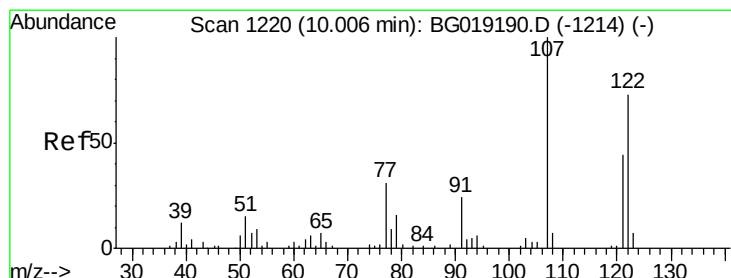
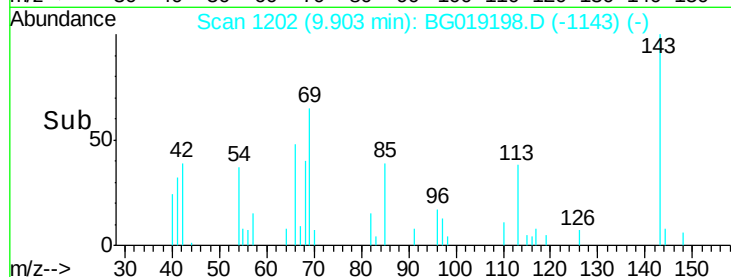
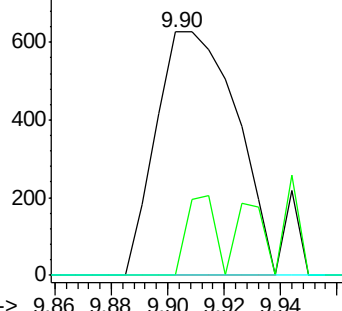
82 100

95 0.0 5.1 7.7#

138 0.0 12.2 18.2#



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



#24

2,4-Dimethylphenol

Concen: 82.54 ng/ul

RT: 10.00 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BG019198.D

Acq: 14 Oct 2015 3:14

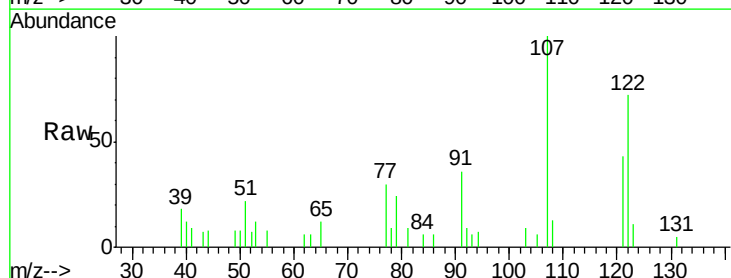
Tgt Ion: 107 Resp: 6213

Ion Ratio Lower Upper

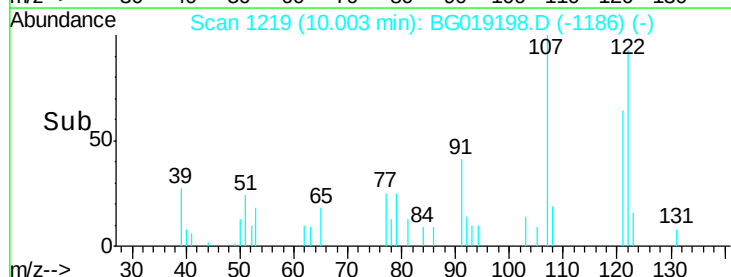
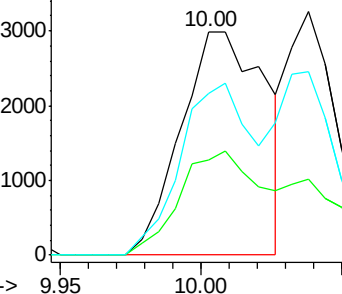
107 100

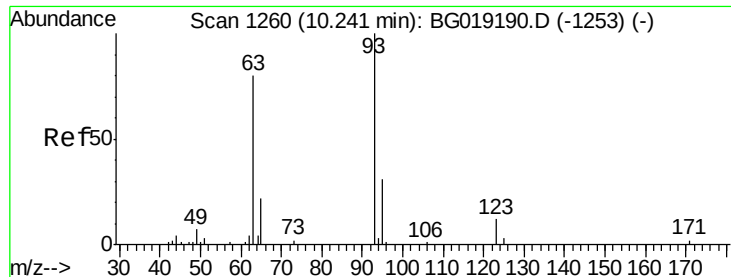
121 42.6 37.2 55.8

122 72.2 67.6 101.4



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

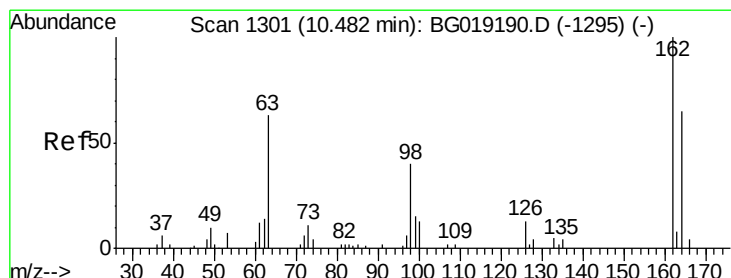
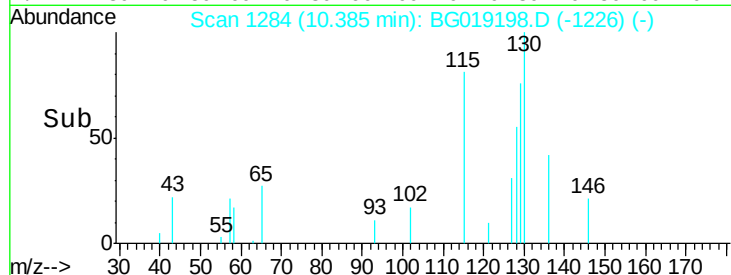
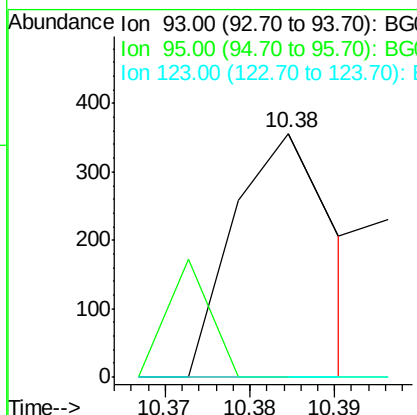
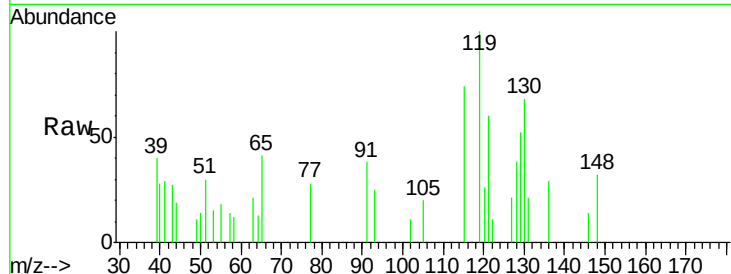




#25
 Bis(2-Chloroethoxy)methane
 Concen: 3.35 ng/ul
 RT: 10.38 min Scan# 1284
 Delta R.T. 0.14 min
 Lab File: BG019198.D
 Acq: 14 Oct 2015 3:14

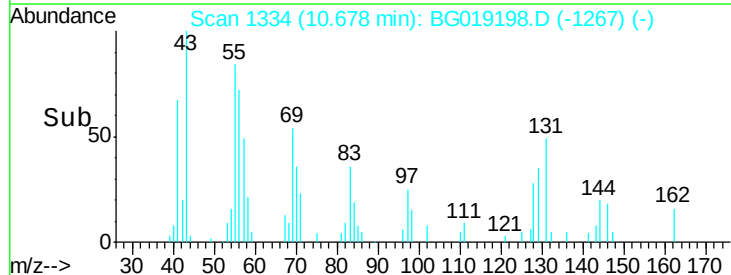
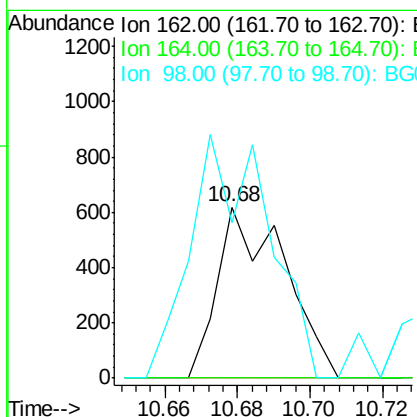
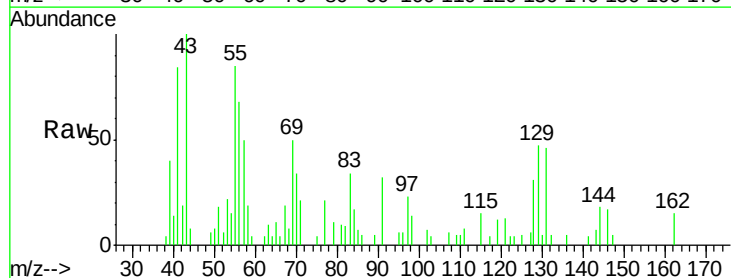
Instrument :
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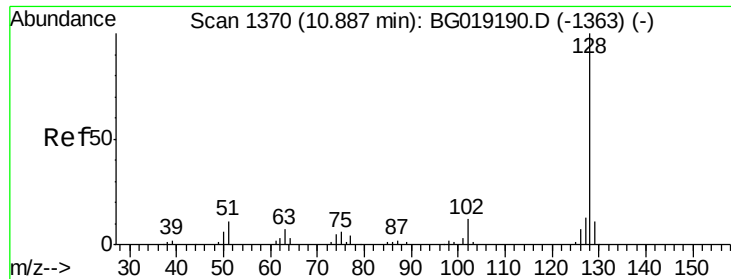
Tot Ion: 93 Resp: 289
 Ion Ratio Lower Upper
 93 100
 95 0.0 25.4 38.0#
 123 0.0 8.0 12.0#



#27
 2,4-Dichlorophenol
 Concen: 12.62 ng/ul
 RT: 10.68 min Scan# 1334
 Delta R.T. 0.20 min
 Lab File: BG019198.D
 Acq: 14 Oct 2015 3:14

Tgt Ion: 162 Resp: 798
 Ion Ratio Lower Upper
 162 100
 164 0.0 50.0 75.0#
 98 90.8 29.0 43.6#

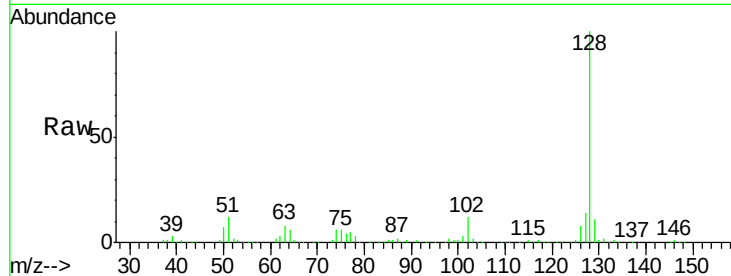




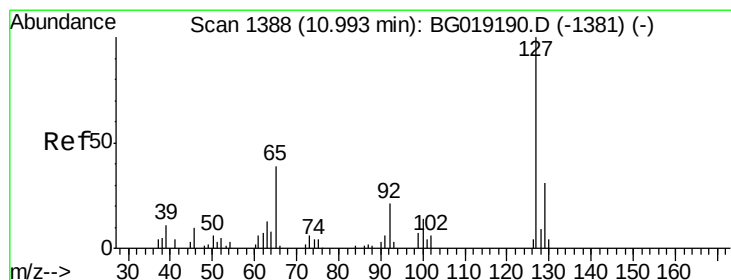
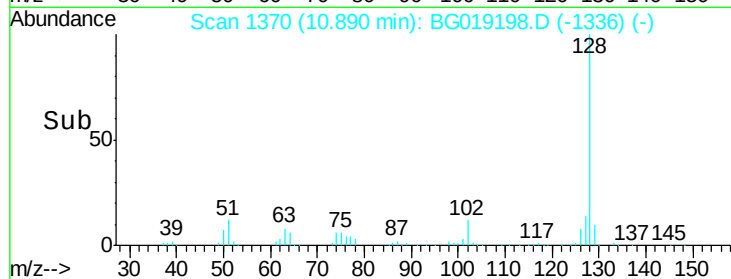
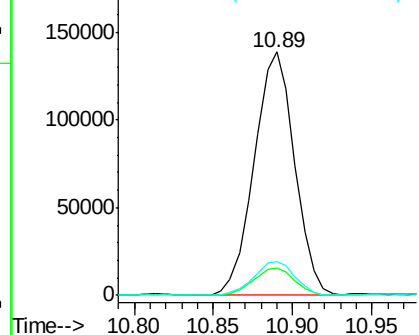
#28
Naphthalene
Concen: 1196.53 ng/ul
RT: 10.89 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BG019198.D
Acq: 14 Oct 2015 3:14

Instrument :
BNA_G
ClientSampleId :
E5LJ0

Tot Ion:128 Resp: 246091
Ion Ratio Lower Upper
128 100
129 11.3 9.6 14.4
127 14.1 11.3 16.9

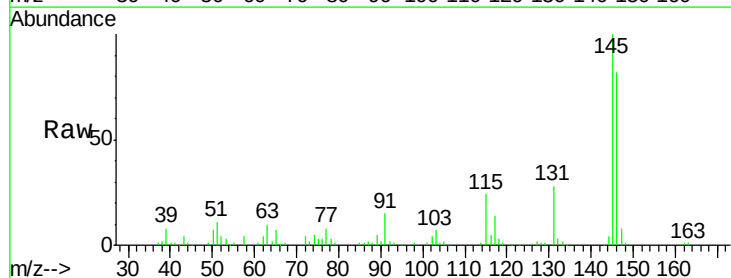


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

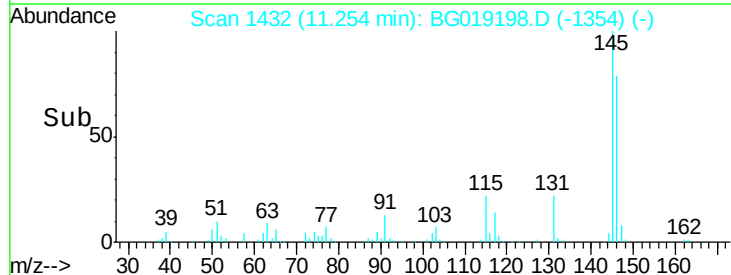
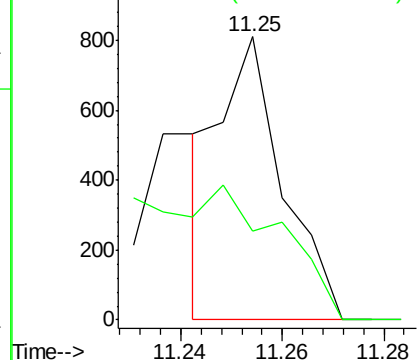


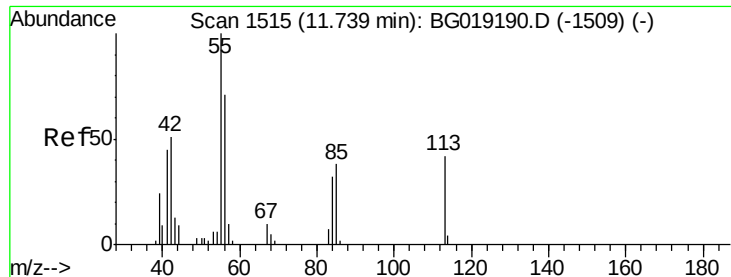
#30
4-Chloroaniline
Concen: 8.92 ng/ul
RT: 11.25 min Scan# 1432
Delta R.T. 0.26 min
Lab File: BG019198.D
Acq: 14 Oct 2015 3:14

Tgt Ion:127 Resp: 695
Ion Ratio Lower Upper
127 100
129 31.6 24.3 36.5



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





#32

Caprolactam

Concen: 3.10 ng/ul

RT: 11.85 min Scan# 1534

Delta R.T. 0.11 min

Lab File: BG019198.D

Acq: 14 Oct 2015 3:14

Instrument :

BNA_G

ClientSampleId :

E5LJ0

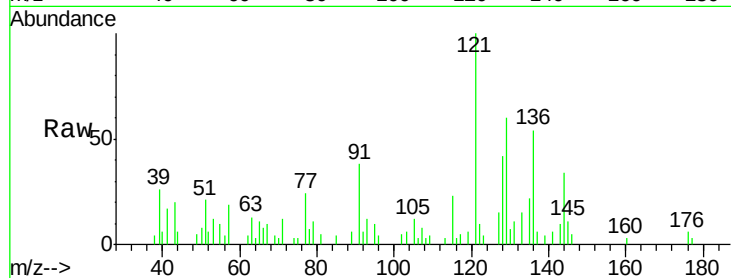
Tot Ion:113 Resp: 66

Ion Ratio Lower Upper

113 100

55 287.6 169.3 253.9#

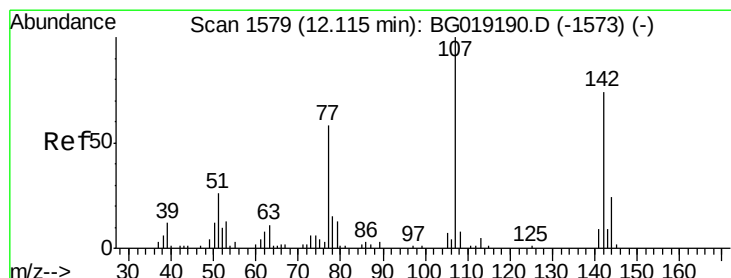
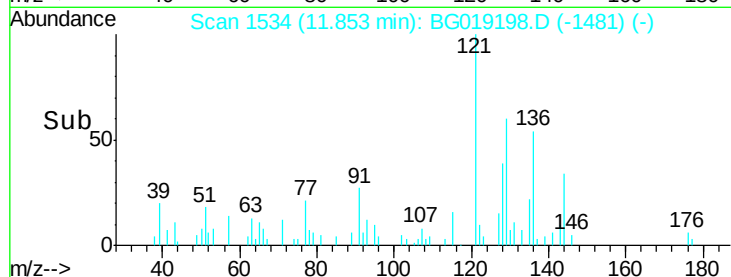
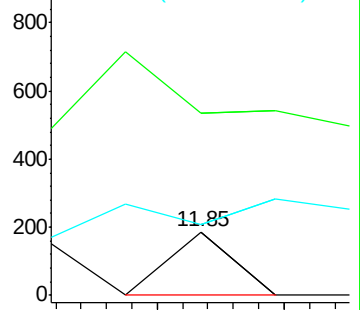
56 111.8 125.8 188.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#33

4-Chloro-3-methylphenol

Concen: 6.84 ng/ul

RT: 12.27 min Scan# 1605

Delta R.T. 0.16 min

Lab File: BG019198.D

Acq: 14 Oct 2015 3:14

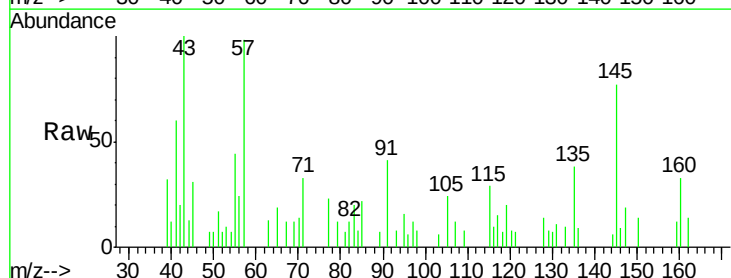
Tgt Ion:107 Resp: 474

Ion Ratio Lower Upper

107 100

144 49.8 20.9 31.3#

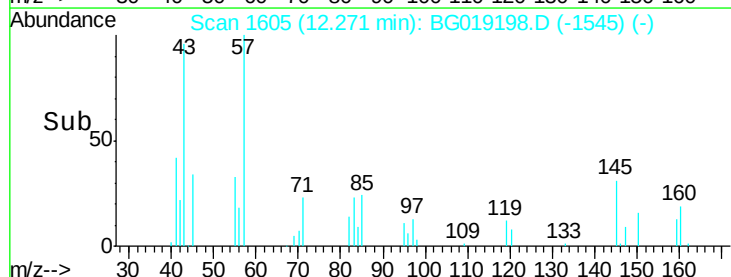
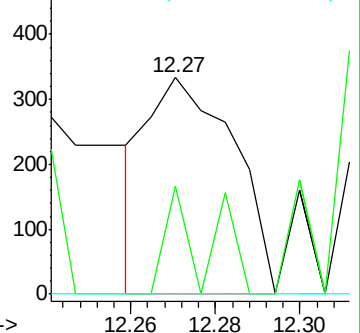
142 0.0 65.6 98.4#

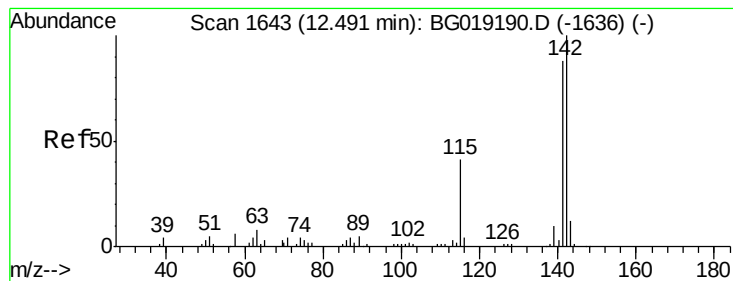


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 613.14 ng/ul

RT: 12.71 min Scan# 1680

Delta R.T. 0.22 min

Lab File: BG019198.D

Acq: 14 Oct 2015 3:14

Instrument :

BNA_G

ClientSampleId :

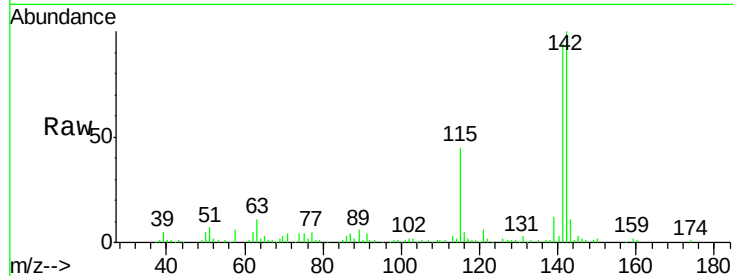
E5LJ0

Tot Ion:142 Resp: 94454

Ion Ratio Lower Upper

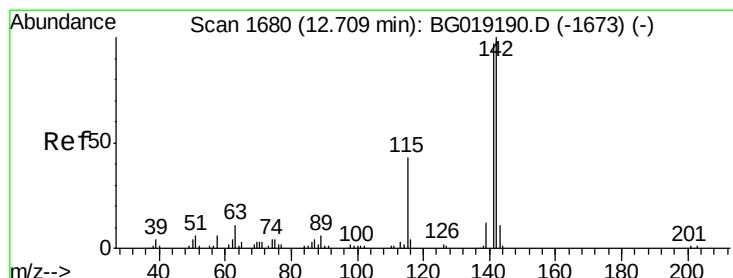
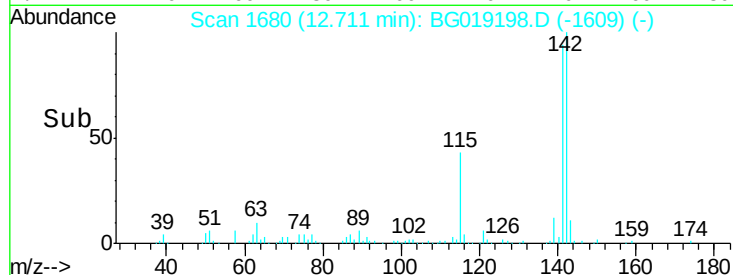
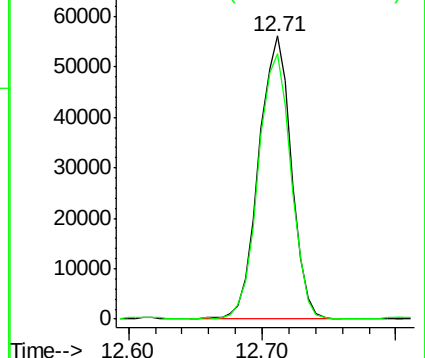
142 100

141 93.9 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 2.13 ng/ul

RT: 12.90 min Scan# 1712

Delta R.T. 0.19 min

Lab File: BG019198.D

Acq: 14 Oct 2015 3:14

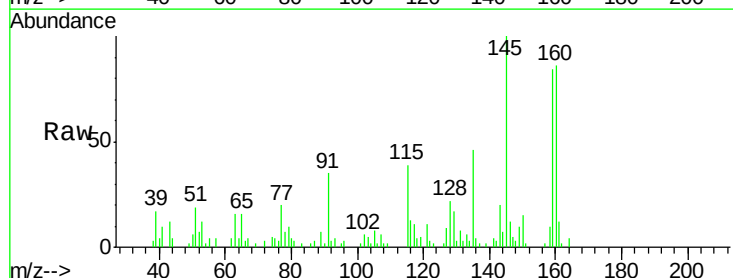
Tgt Ion:142 Resp: 322

Ion Ratio Lower Upper

142 100

141 119.5 74.8 112.2#

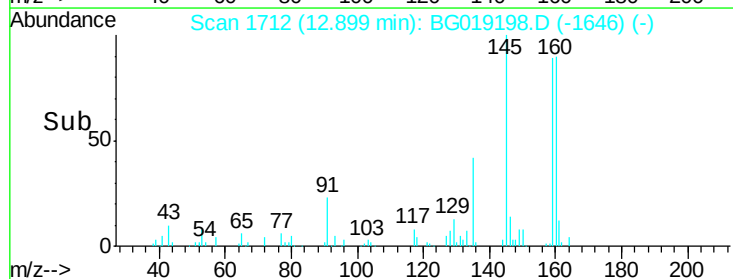
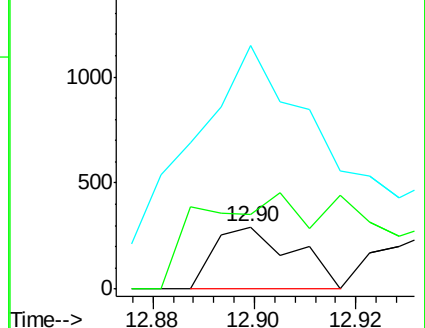
116 391.5 3.2 4.8#

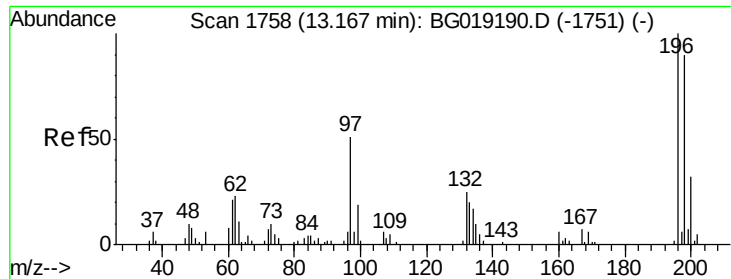


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

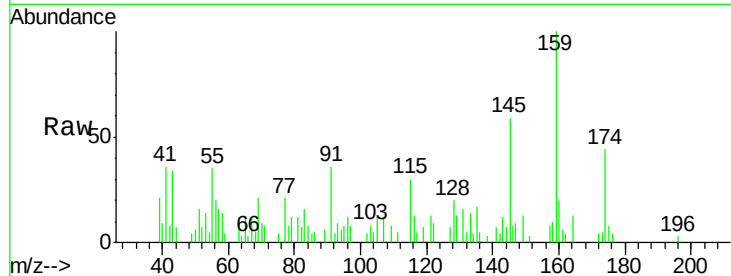




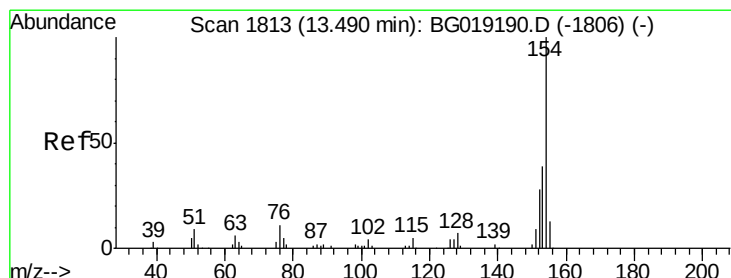
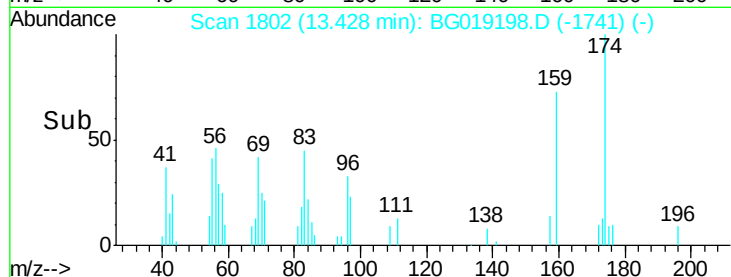
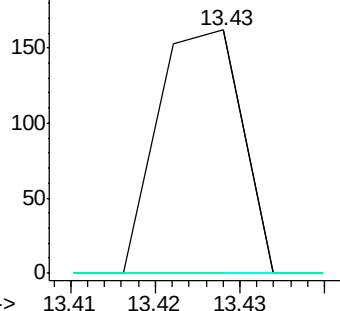
#40
2,4,5-Trichlorophenol
Concen: 19.99 ng/ul
RT: 13.43 min Scan# 1802
Delta R.T. 0.26 min
Lab File: BG019198.D
Acq: 14 Oct 2015 3:14

Instrument :
BNA_G
ClientSampled :
E5LJ0

Tot Ion:196 Resp: 111
Ion Ratio Lower Upper
196 100
198 0.0 73.9 110.9#
200 0.0 27.1 40.7#

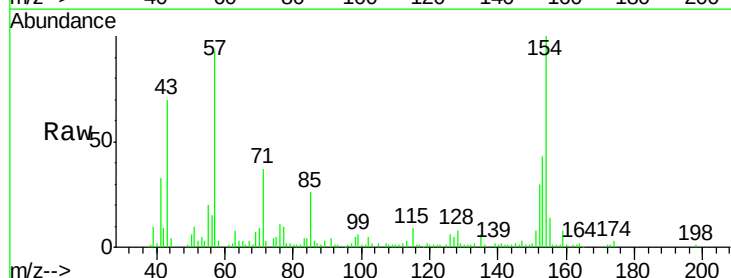


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

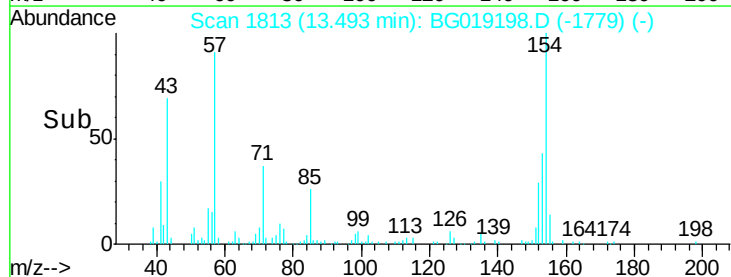
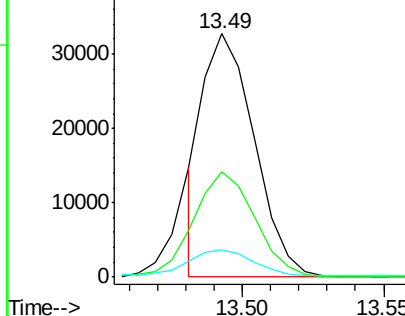


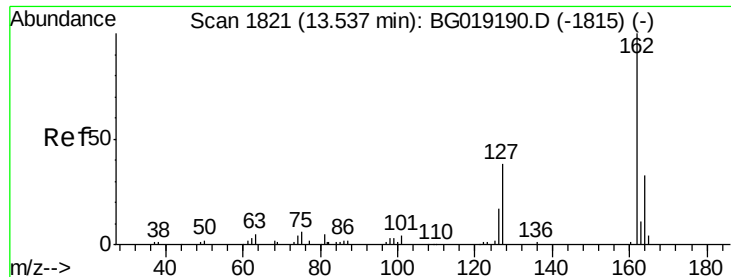
#41
1,1'-Biphenyl
Concen: 2085.43 ng/ul
RT: 13.49 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BG019198.D
Acq: 14 Oct 2015 3:14

Tgt Ion:154 Resp: 41647
Ion Ratio Lower Upper
154 100
153 43.4 31.4 47.0
76 11.1 10.8 16.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG





#42

2-Chloronaphthalene

Concen: 102.34 ng/ul

RT: 13.70 min Scan# 1849

Delta R.T. 0.17 min

Lab File: BG019198.D

Acq: 14 Oct 2015 3:14

Instrument :

BNA_G

ClientSampleId :

E5LJ0

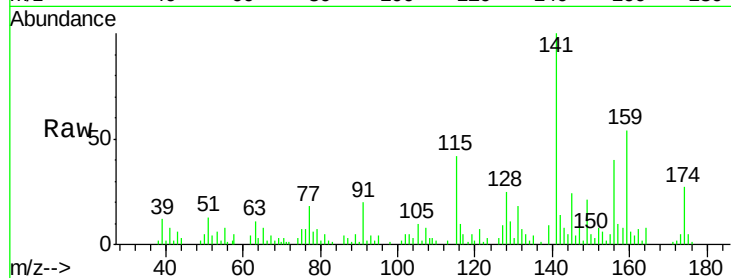
Tot Ion:162 Resp: 1587

Ion Ratio Lower Upper

162 100

164 111.5 25.8 38.8#

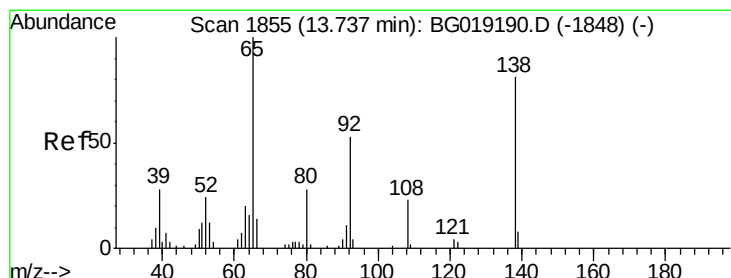
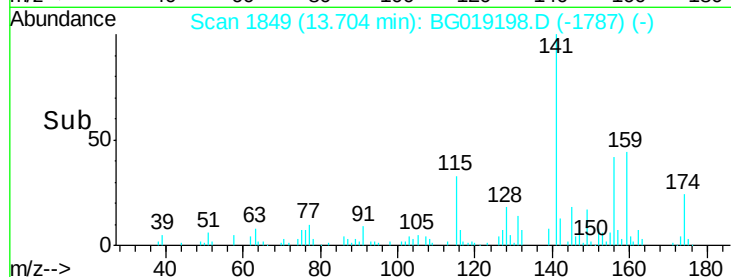
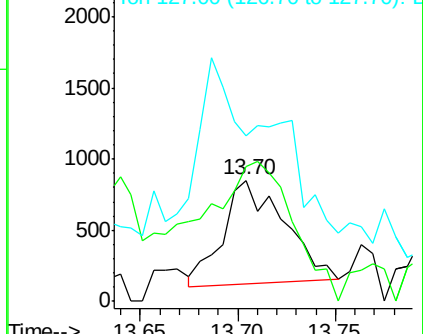
127 136.6 29.0 43.4#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E



#43

2-Nitroaniline

Concen: 112.56 ng/ul

RT: 13.93 min Scan# 1888

Delta R.T. 0.20 min

Lab File: BG019198.D

Acq: 14 Oct 2015 3:14

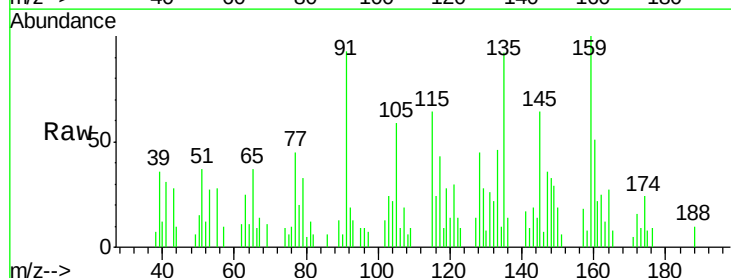
Tgt Ion: 65 Resp: 567

Ion Ratio Lower Upper

65 100

92 52.6 50.7 76.1

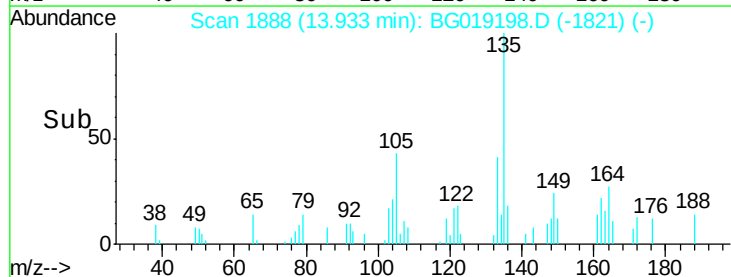
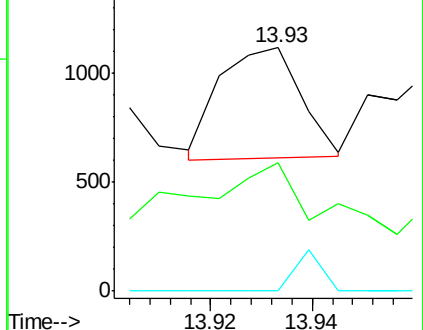
138 0.0 74.9 112.3#

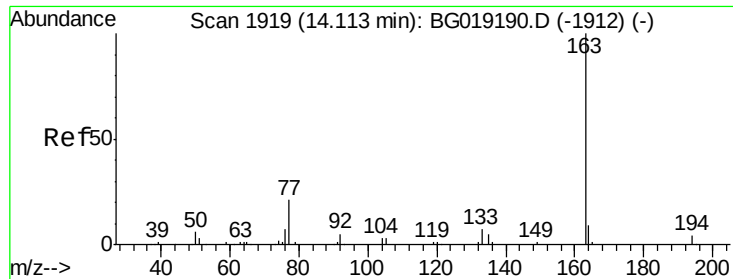


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E

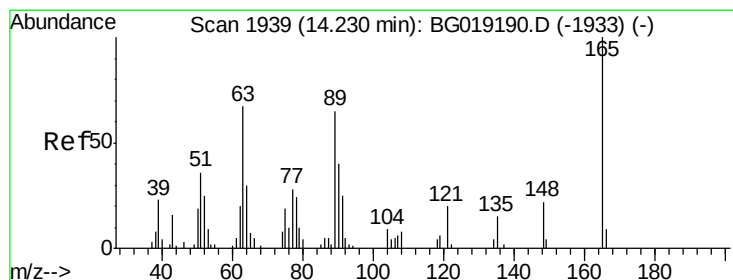
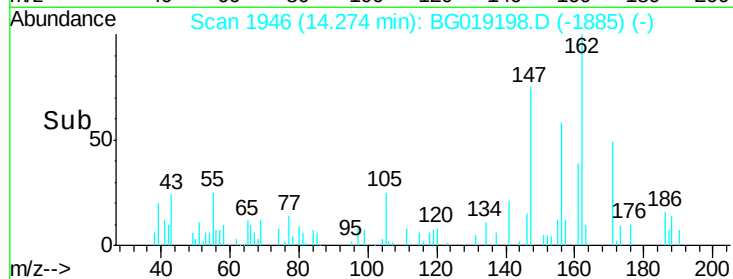
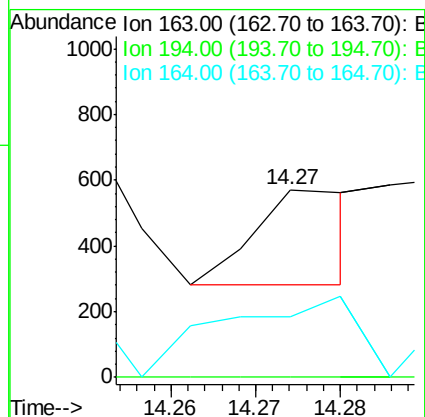
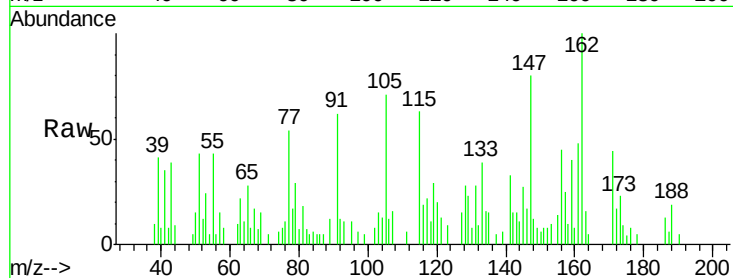




#45
Dimethylphthalate
Concen: 12.22 ng/ul
RT: 14.27 min Scan# 1946
Delta R.T. 0.16 min
Lab File: BG019198.D
Acq: 14 Oct 2015 3:14

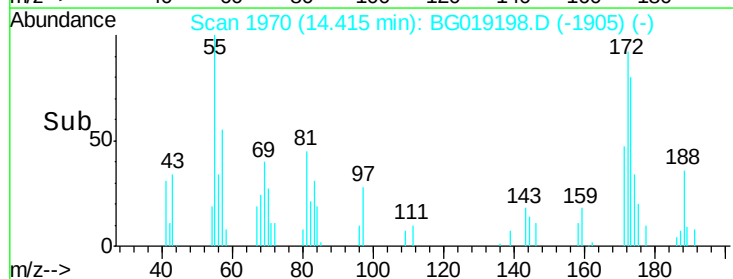
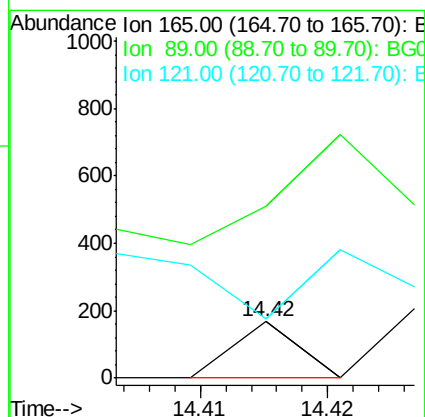
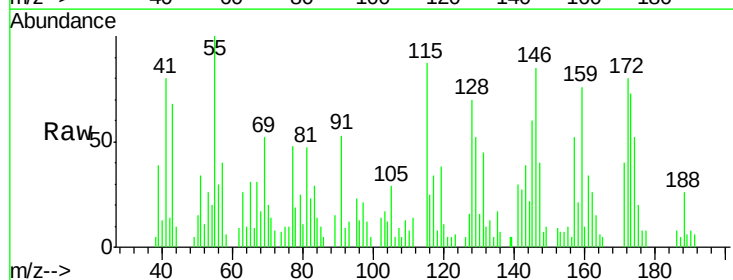
Instrument :
BNA_G
ClientSampled :
E5LJ0

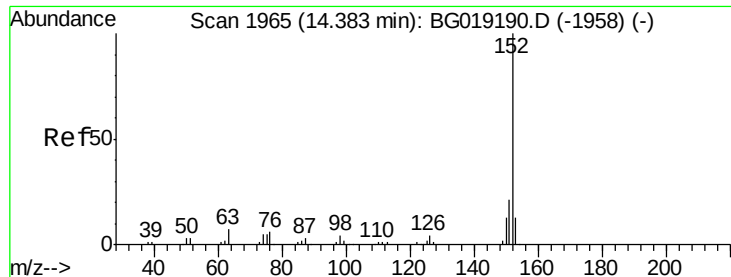
Tot Ion:163 Resp: 241
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 32.2 8.1 12.1#



#46
2,6-Dinitrotoluene
Concen: 15.55 ng/ul
RT: 14.42 min Scan# 1970
Delta R.T. 0.18 min
Lab File: BG019198.D
Acq: 14 Oct 2015 3:14

Tgt Ion:165 Resp: 59
Ion Ratio Lower Upper
165 100
89 304.8 45.5 68.3#
121 104.2 16.8 25.2#





#48

Acenaphthylene

Concen: 15.52 ng/ul

RT: 14.59 min Scan# 1999

Delta R.T. 0.20 min

Lab File: BG019198.D

Acq: 14 Oct 2015 3:14

Instrument :

BNA_G

ClientSampleId :

E5LJ0

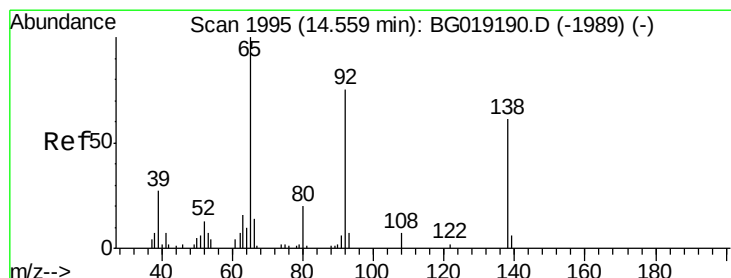
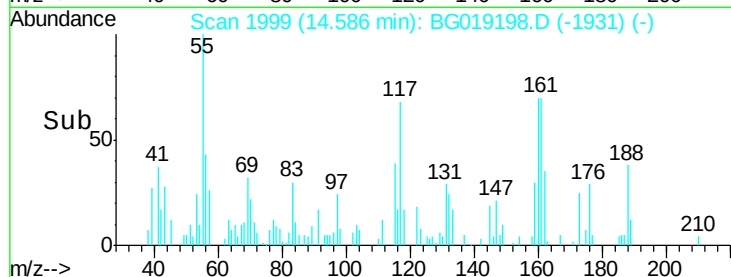
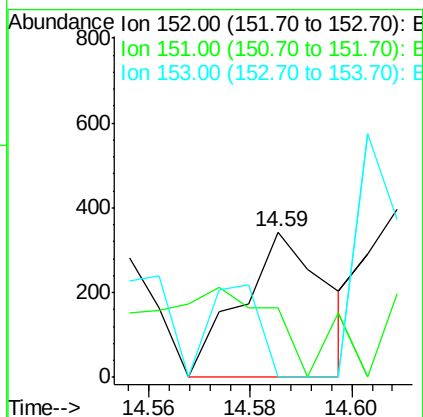
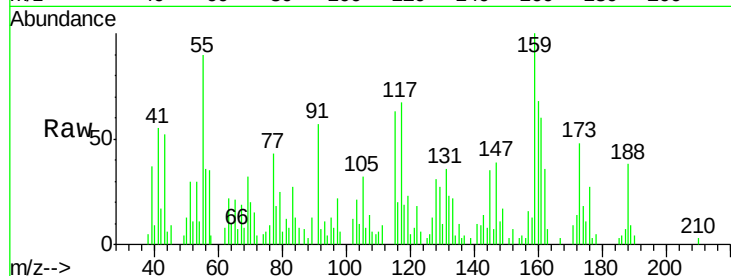
Tot Ion:152 Resp: 397

Ion Ratio Lower Upper

152 100

151 47.5 16.6 25.0#

153 0.0 10.5 15.7#



#49

3-Nitroaniline

Concen: 14.68 ng/ul

RT: 14.86 min Scan# 2046

Delta R.T. 0.30 min

Lab File: BG019198.D

Acq: 14 Oct 2015 3:14

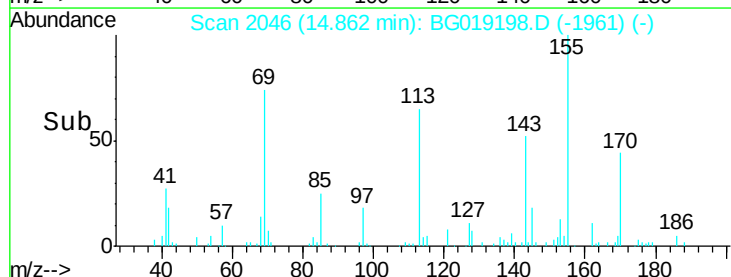
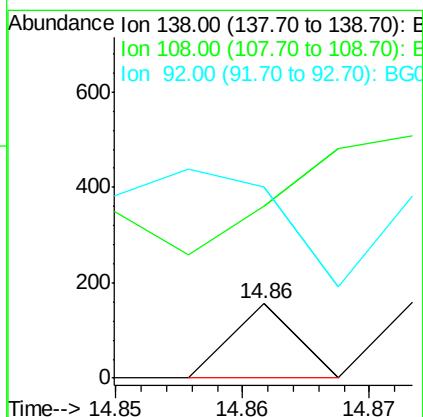
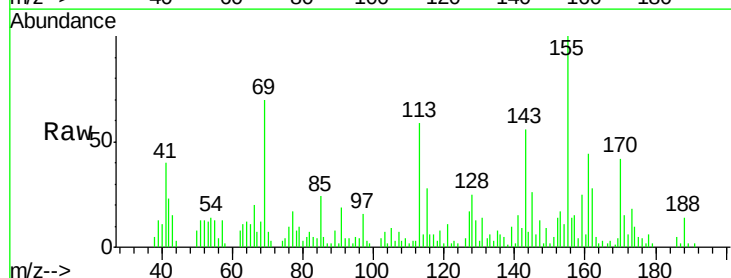
Tgt Ion:138 Resp: 55

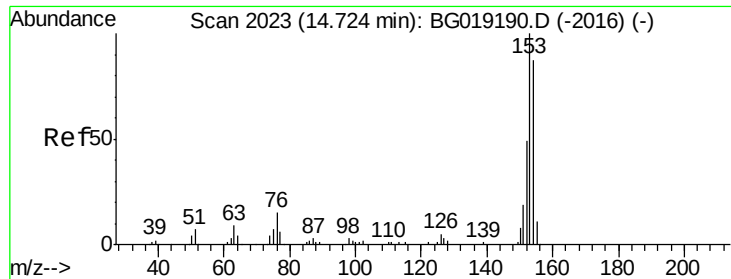
Ion Ratio Lower Upper

138 100

108 230.8 8.9 13.3#

92 257.7 92.4 138.6#





#50

Acenaphthene

Concen: 14.58 ng/ul

RT: 14.93 min Scan# 2057

Delta R.T. 0.20 min

Lab File: BG019198.D

Acq: 14 Oct 2015 3:14

Instrument :

BNA_G

ClientSampleId :

E5LJ0

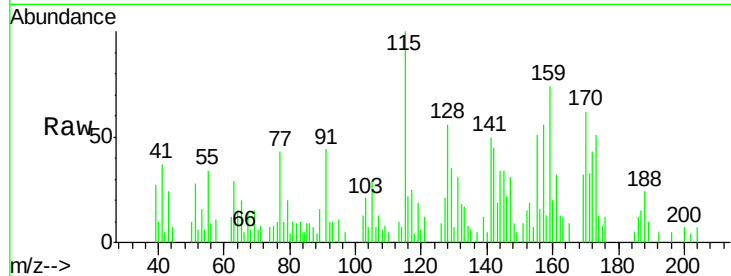
Tot Ion:153 Resp: 253

Ion Ratio Lower Upper

153 100

152 76.1 36.2 54.2#

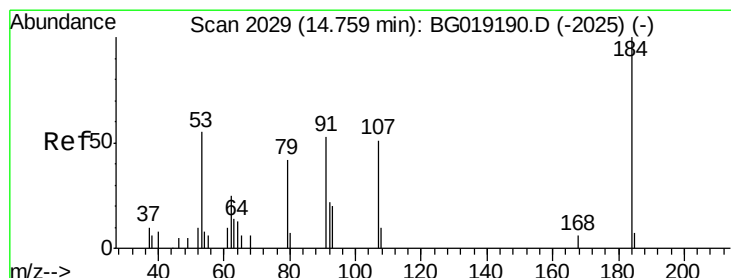
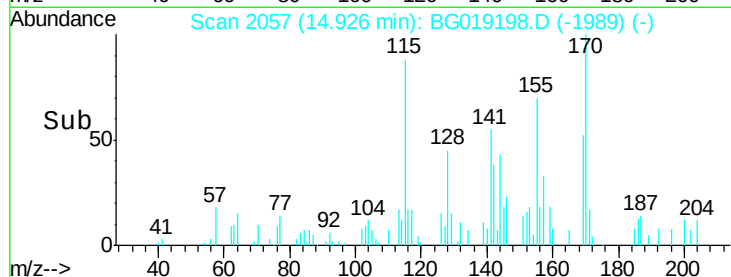
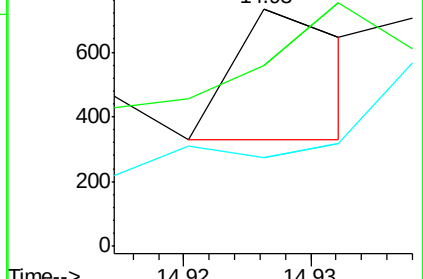
154 37.5 67.5 101.3#



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



#51

2,4-Dinitrophenol

Concen: 245.43 ng/ul

RT: 14.96 min Scan# 2062

Delta R.T. 0.20 min

Lab File: BG019198.D

Acq: 14 Oct 2015 3:14

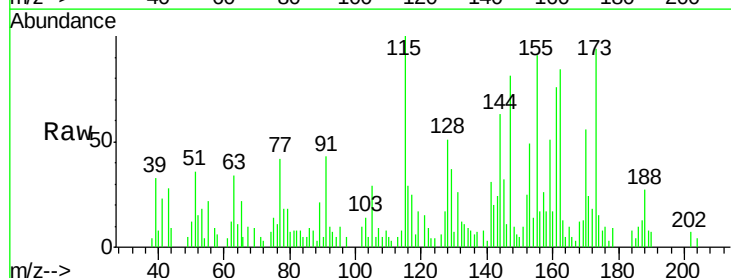
Tgt Ion:184 Resp: 539

Ion Ratio Lower Upper

184 100

63 451.4 51.0 76.4#

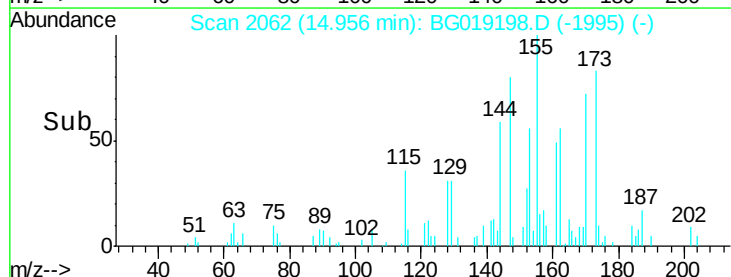
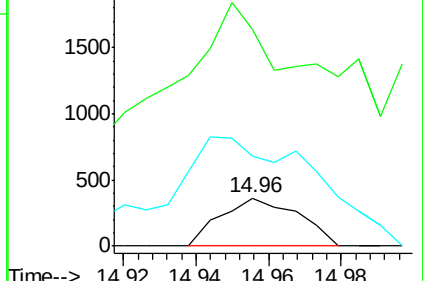
154 187.0 56.5 84.7#

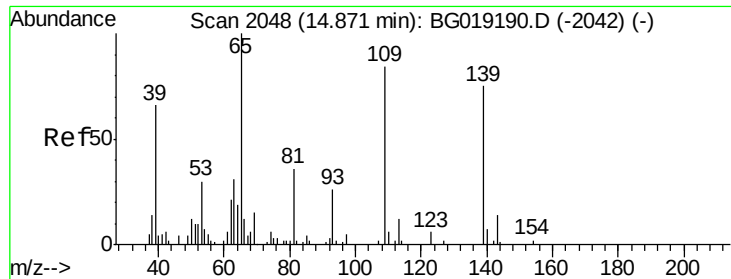


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 84.77 ng/ul

RT: 15.08 min Scan# 2083

Delta R.T. 0.21 min

Lab File: BG019198.D

Acq: 14 Oct 2015 3:14

Instrument :

BNA_G

ClientSampleId :

E5LJ0

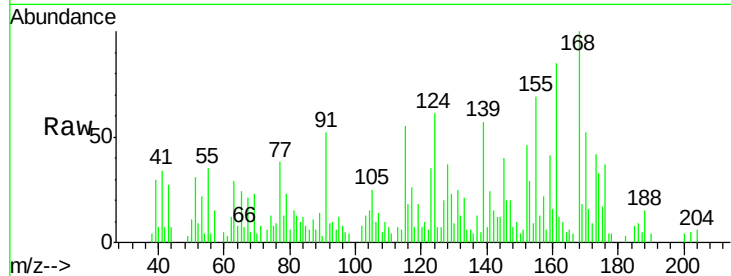
Tot Ion:109 Resp: 253

Ion Ratio Lower Upper

109 100

139 573.1 97.9 146.9#

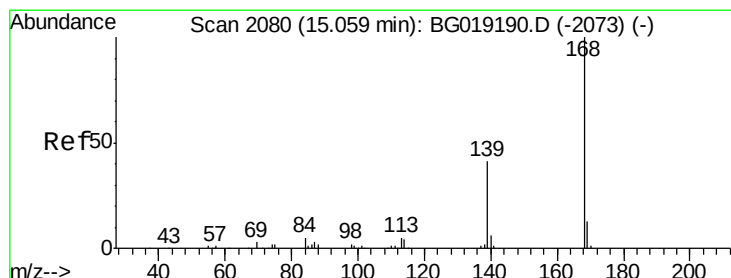
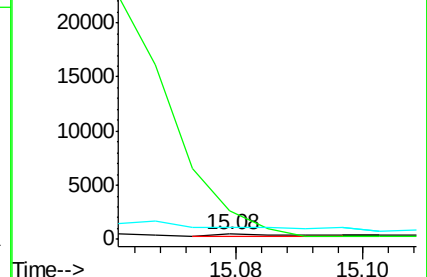
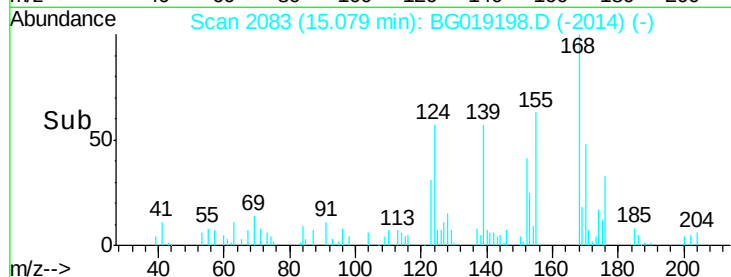
65 246.6 117.4 176.0#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): B



#54

Dibenzofuran

Concen: 380.99 ng/ul

RT: 15.26 min Scan# 2113

Delta R.T. 0.20 min

Lab File: BG019198.D

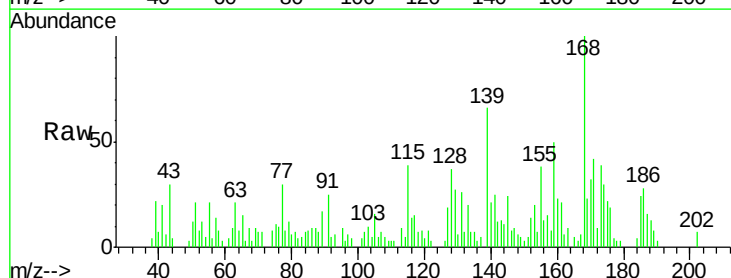
Acq: 14 Oct 2015 3:14

Tgt Ion:168 Resp: 8999

Ion Ratio Lower Upper

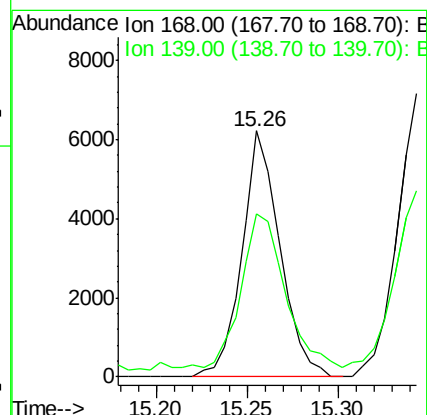
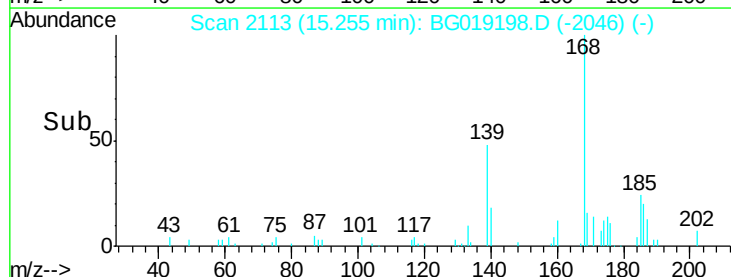
168 100

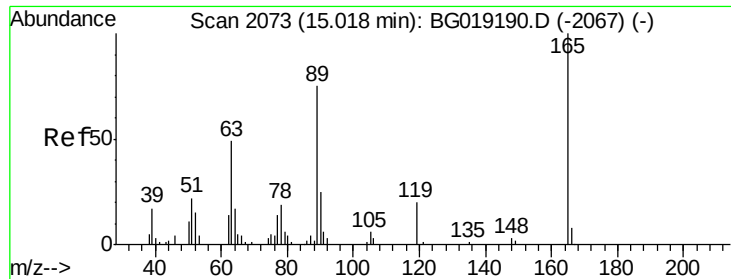
139 66.3 28.5 42.7#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

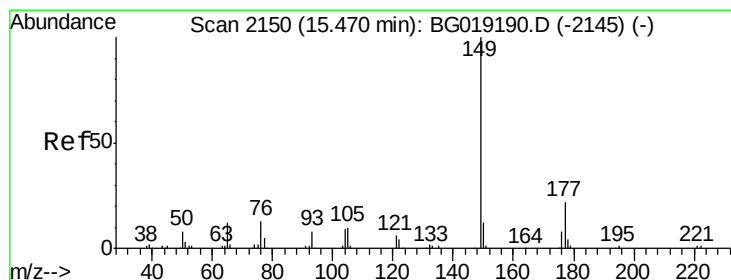
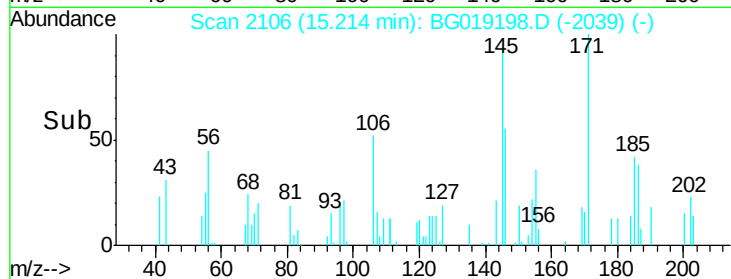
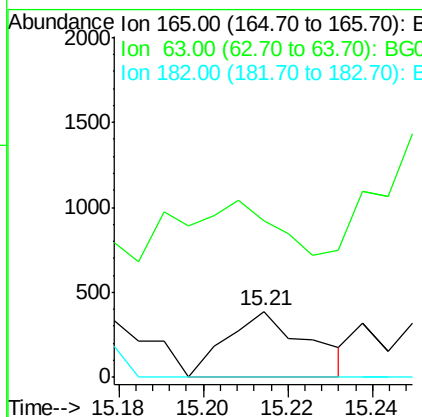
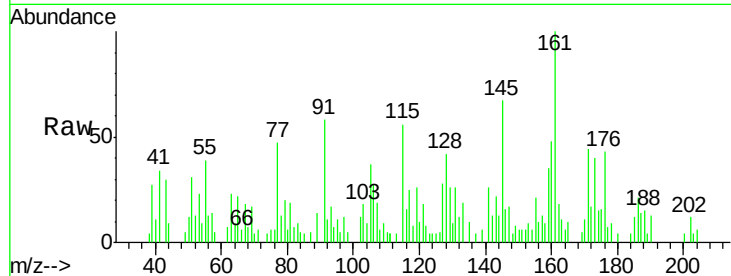




#55
2,4-Dinitrotoluene
Concen: 93.02 ng/ul
RT: 15.21 min Scan# 2106
Delta R.T. 0.20 min
Lab File: BG019198.D
Acq: 14 Oct 2015 3:14

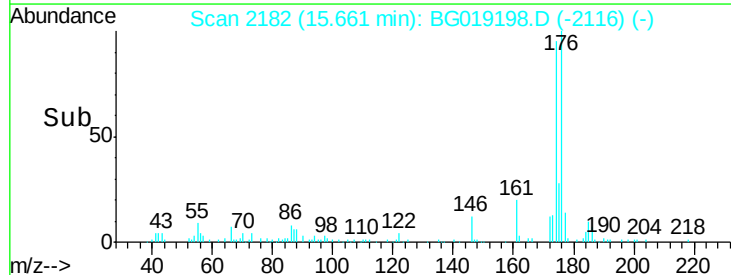
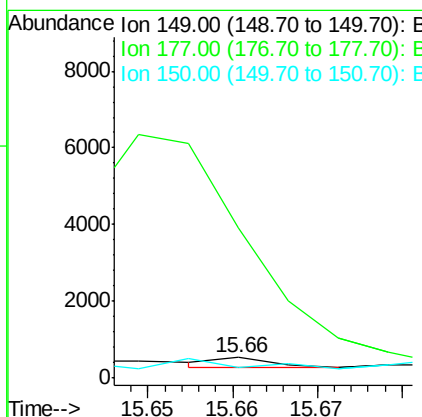
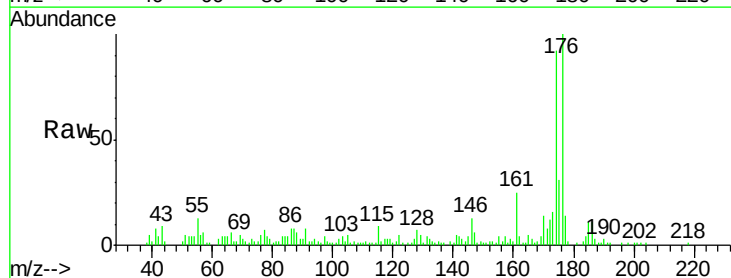
Instrument :
BNA_G
ClientSampled :
E5LJ0

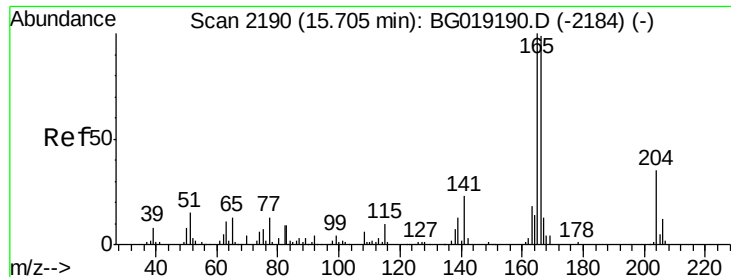
Tot Ion:165 Resp: 516
Ion Ratio Lower Upper
165 100
63 237.7 39.5 59.3#
182 0.0 2.2 3.2#



#57
Diethylphthalate
Concen: 6.01 ng/ul
RT: 15.66 min Scan# 2182
Delta R.T. 0.19 min
Lab File: BG019198.D
Acq: 14 Oct 2015 3:14

Tgt Ion:149 Resp: 119
Ion Ratio Lower Upper
149 100
177 723.1 17.4 26.0#
150 50.2 10.0 15.0#





#59

Fluorene

Concen: 43.41 ng/ul

RT: 15.93 min Scan# 2227

Delta R.T. 0.22 min

Lab File: BG019198.D

Acq: 14 Oct 2015 3:14

Instrument :

BNA_G

ClientSampleId :

E5LJ0

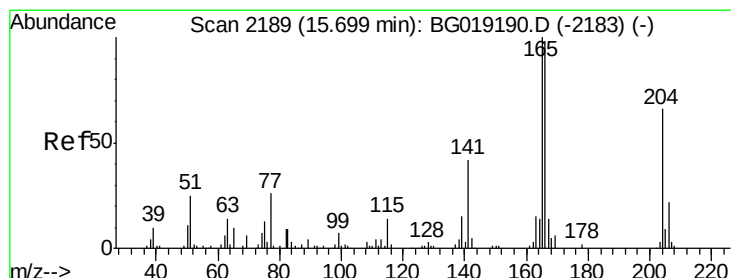
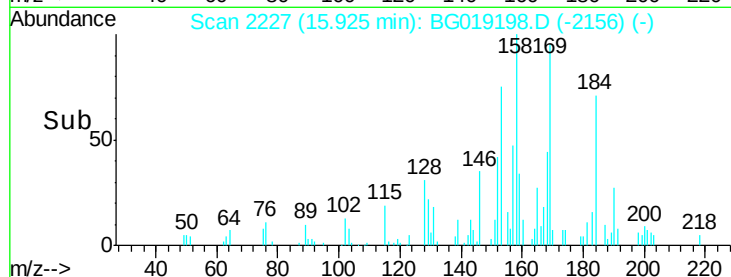
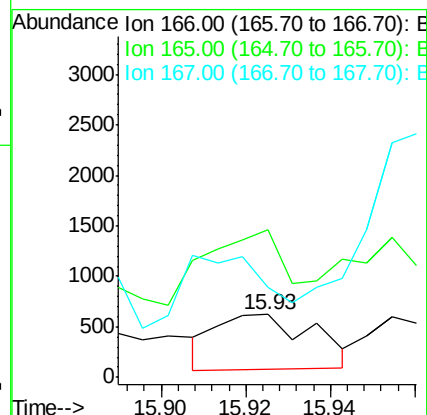
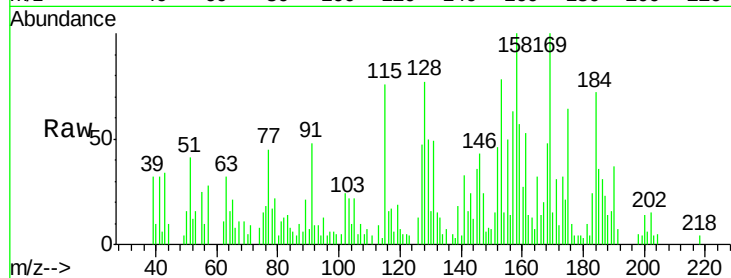
Tot Ion:166 Resp: 864

Ion Ratio Lower Upper

166 100

165 236.5 77.7 116.5#

167 144.7 10.4 15.6#



#60

4-Chlorophenyl-phenylether

Concen: 13.93 ng/ul

RT: 15.90 min Scan# 2223

Delta R.T. 0.20 min

Lab File: BG019198.D

Acq: 14 Oct 2015 3:14

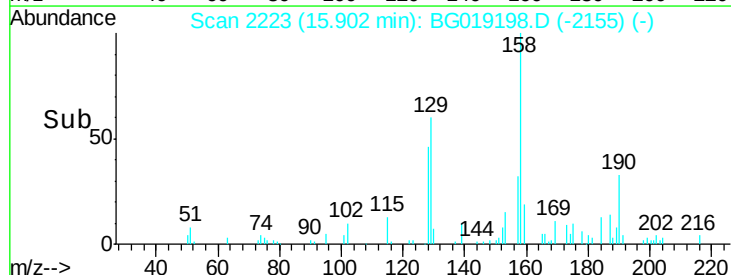
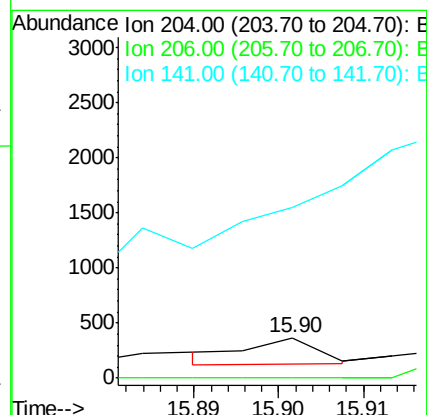
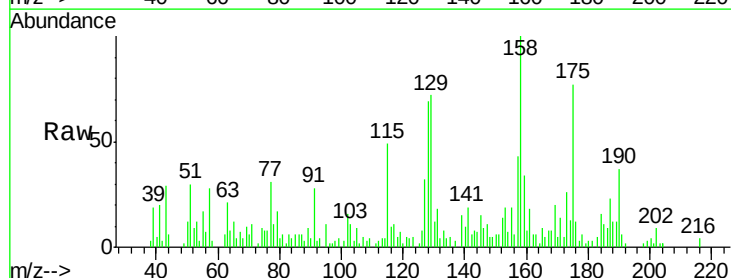
Tgt Ion:204 Resp: 137

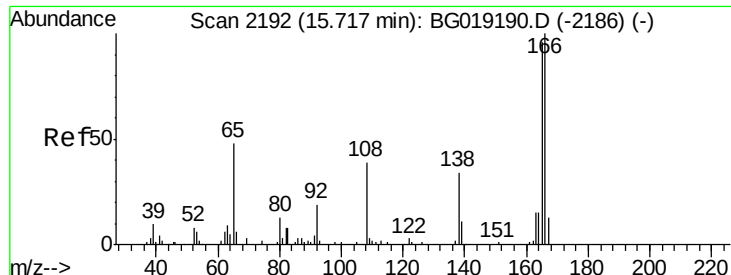
Ion Ratio Lower Upper

204 100

206 0.0 26.4 39.6#

141 419.8 44.4 66.6#





#61

4-Nitroaniline

Concen: 64.02 ng/ul

RT: 15.91 min Scan# 2225

Delta R.T. 0.20 min

Lab File: BG019198.D

Acq: 14 Oct 2015 3:14

Instrument :

BNA_G

ClientSampleId :

E5LJ0

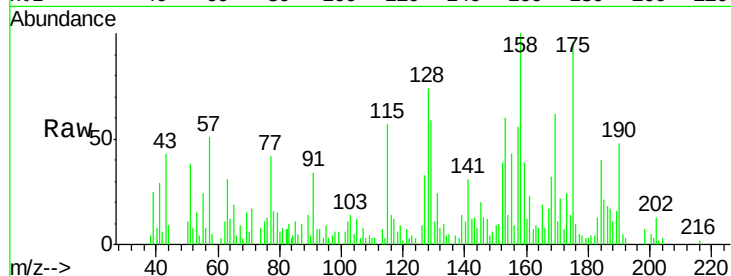
Tot Ion:138 Resp: 271

Ion Ratio Lower Upper

138 100

92 192.3 47.4 71.2#

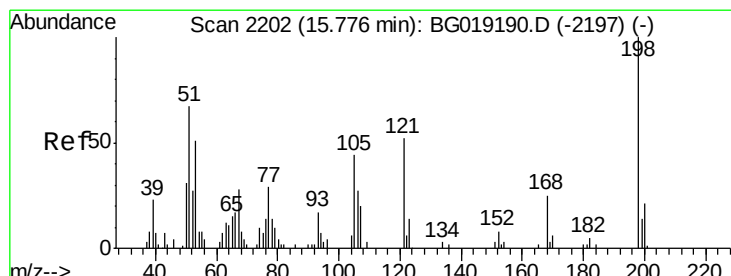
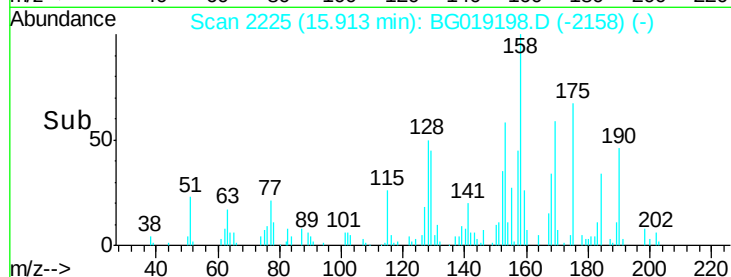
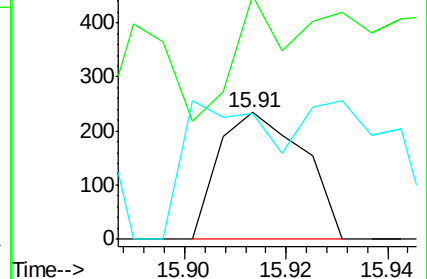
108 99.6 62.8 94.2#



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: 103.48 ng/ul

RT: 15.95 min Scan# 2231

Delta R.T. 0.17 min

Lab File: BG019198.D

Acq: 14 Oct 2015 3:14

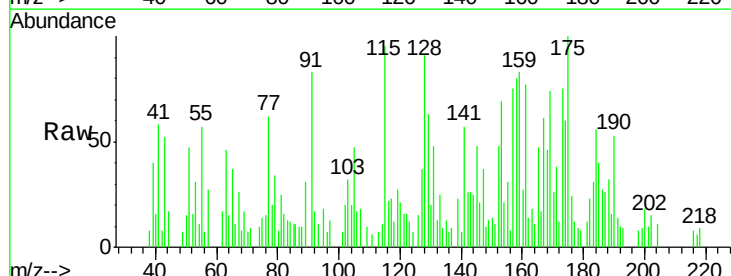
Tgt Ion:198 Resp: 182

Ion Ratio Lower Upper

198 100

182 293.1 4.3 6.5#

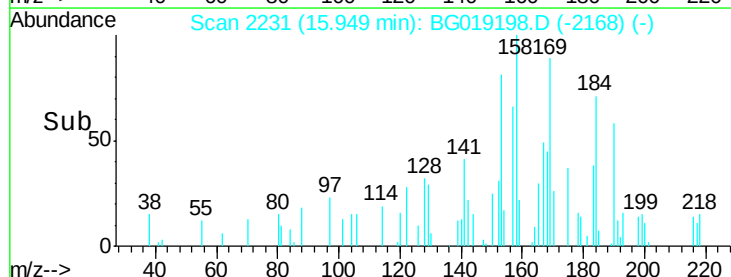
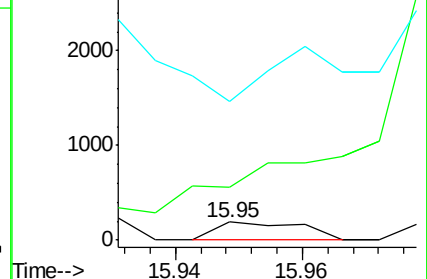
77 777.2 20.2 30.2#

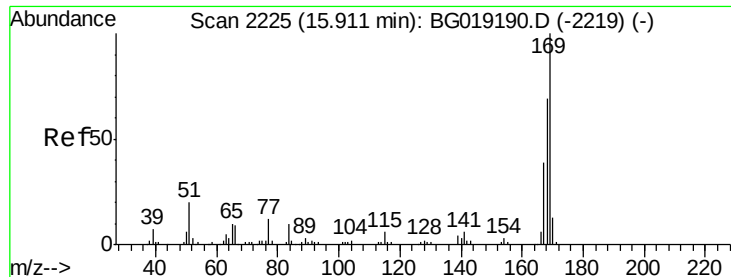


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BG





#65

N-Nitrosodiphenylamine

Concen: 482.00 ng/ul

RT: 16.12 min Scan# 2260

Delta R.T. 0.21 min

Lab File: BG019198.D

Acq: 14 Oct 2015 3:14

Instrument :

BNA_G

ClientSampleId :

E5LJ0

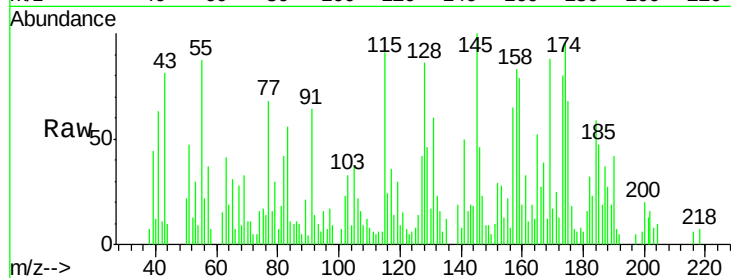
Tot Ion:169 Resp: 4304

Ion Ratio Lower Upper

169 100

168 13.2 58.2 87.4#

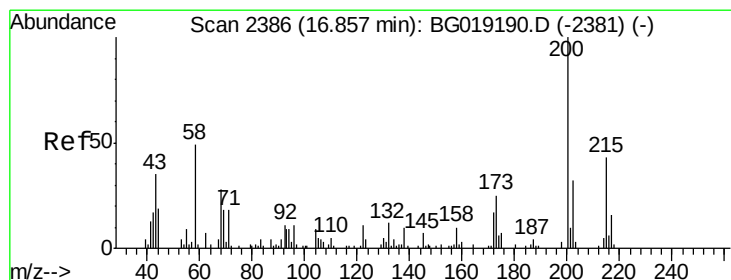
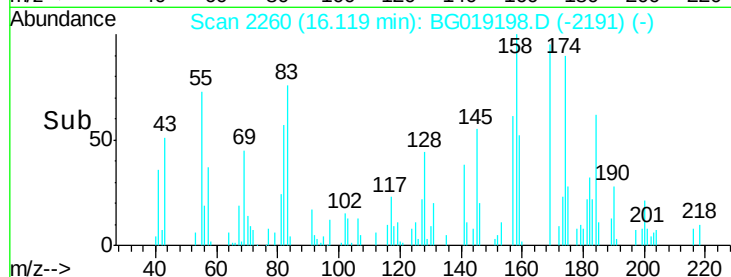
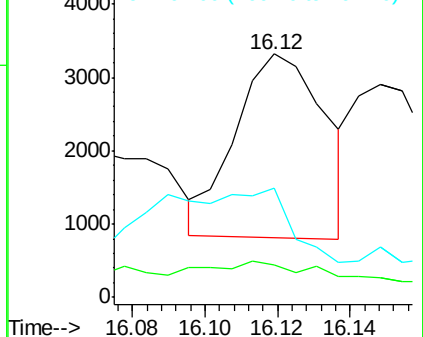
167 44.7 30.9 46.3



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



#68

Atrazine

Concen: 55.33 ng/ul

RT: 17.12 min Scan# 2430

Delta R.T. 0.26 min

Lab File: BG019198.D

Acq: 14 Oct 2015 3:14

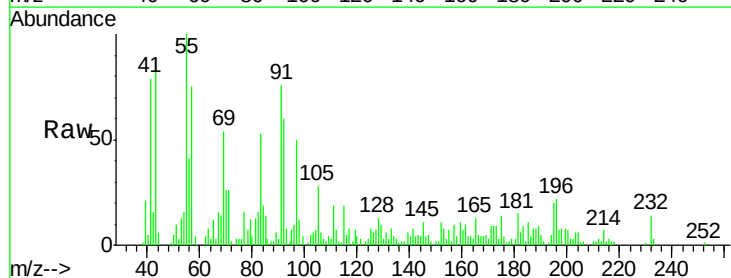
Tgt Ion:200 Resp: 205

Ion Ratio Lower Upper

200 100

173 139.3 18.5 27.7#

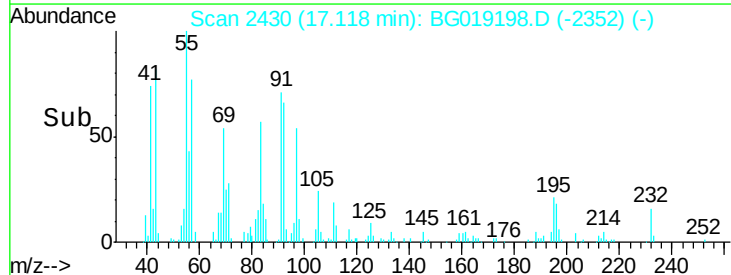
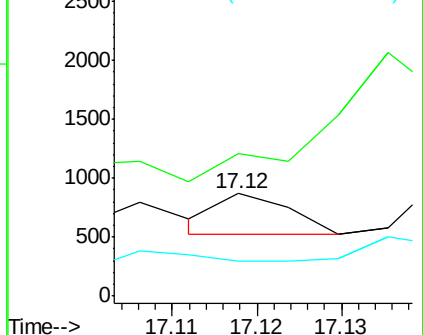
215 34.3 35.9 53.9#

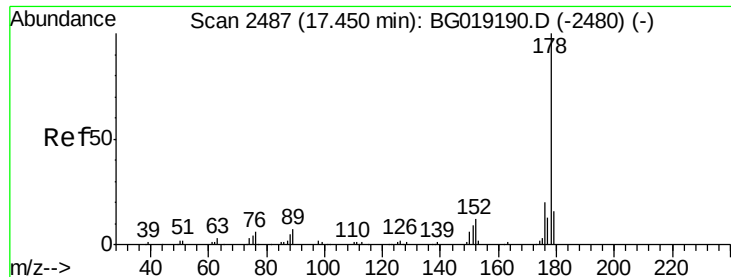


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Phenanthrene

Concen: 1500.29 ng/ul

RT: 17.54 min Scan# 2502

Delta R.T. 0.09 min

Lab File: BG019198.D

Acq: 14 Oct 2015 3:14

Instrument :

BNA_G

ClientSampleId :

E5LJ0

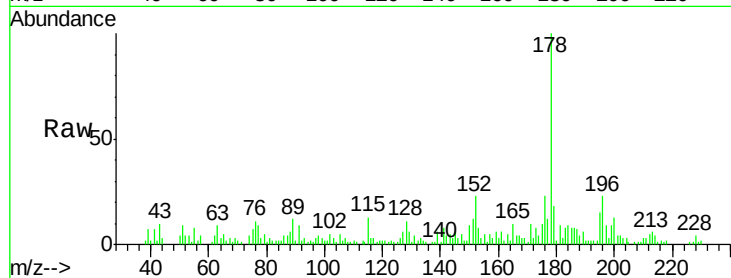
Tot Ion:178 Resp: 25952

Ion Ratio Lower Upper

178 100

179 18.2 12.5 18.7

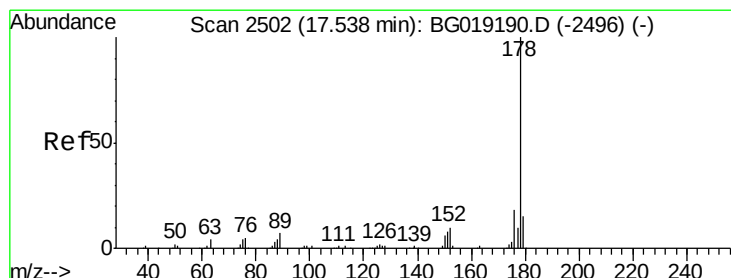
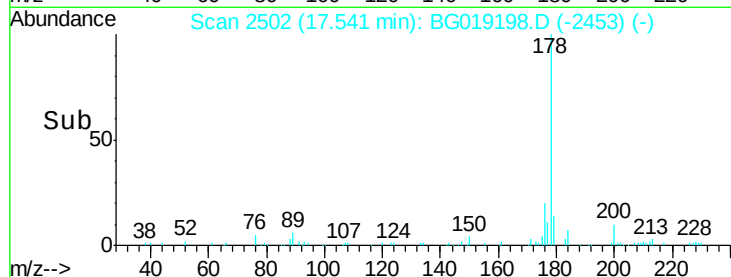
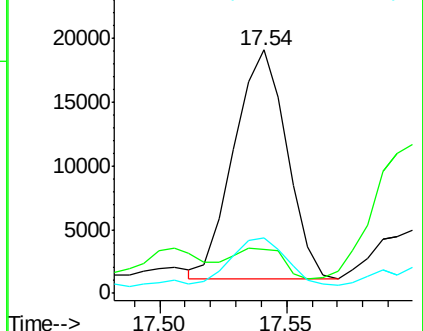
176 23.0 15.4 23.0



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



#72

Anthracene

Concen: 115.11 ng/ul

RT: 17.76 min Scan# 2539

Delta R.T. 0.22 min

Lab File: BG019198.D

Acq: 14 Oct 2015 3:14

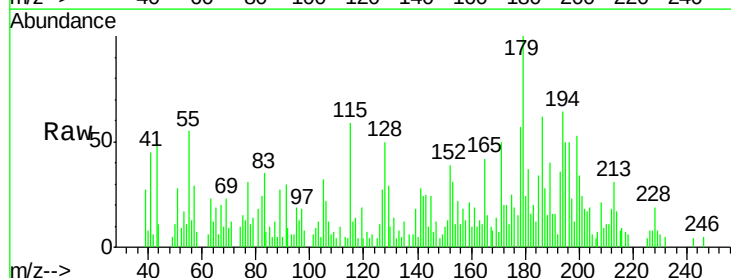
Tgt Ion:178 Resp: 2007

Ion Ratio Lower Upper

178 100

179 175.3 12.2 18.4#

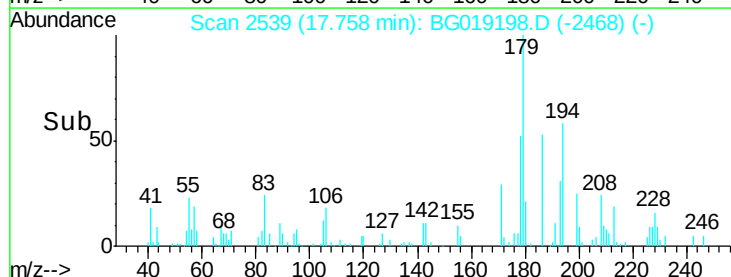
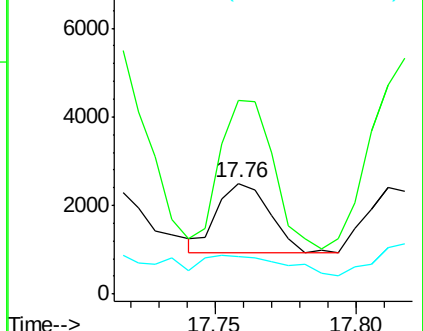
176 33.6 15.0 22.6#

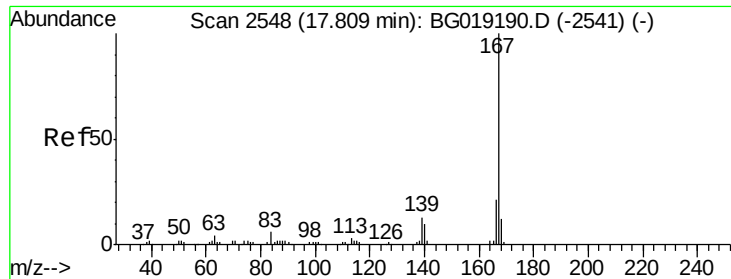


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

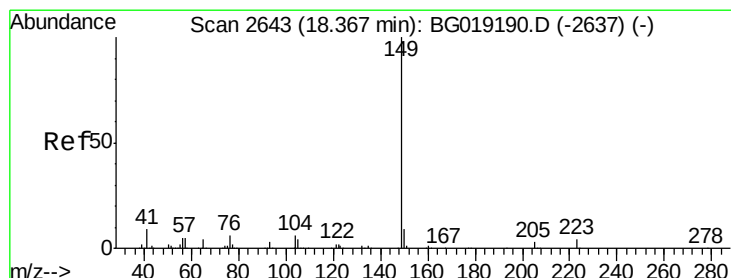
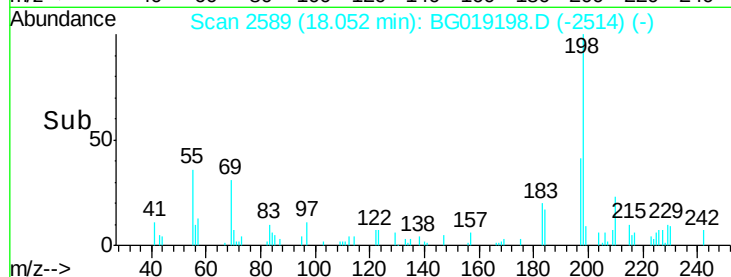
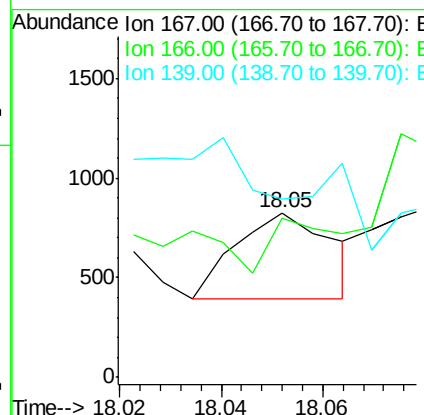
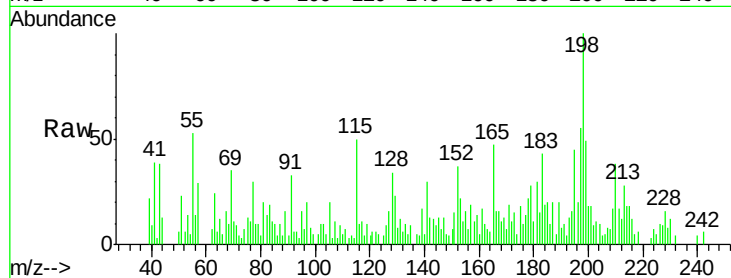




#75
 Carbazole
 Concen: 37.76 ng/ul
 RT: 18.05 min Scan# 2589
 Delta R.T. 0.24 min
 Lab File: BG019198.D
 Acq: 14 Oct 2015 3:14

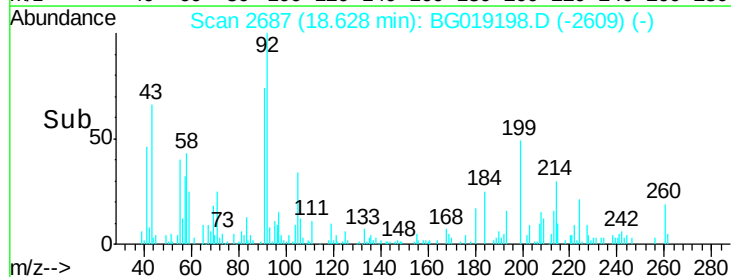
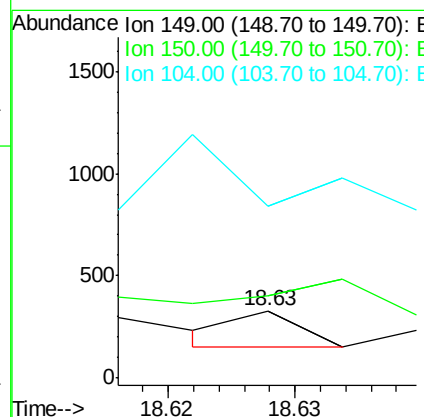
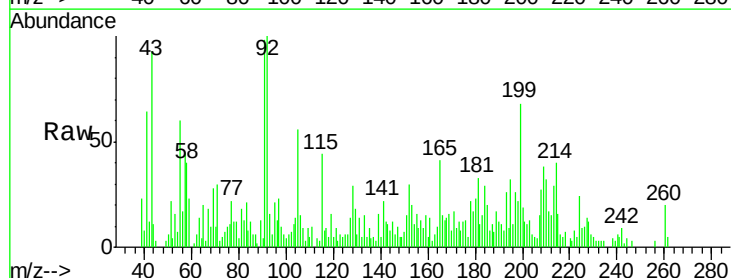
Instrument :
 BNA_G
 ClientSampled :
 E5LJ0

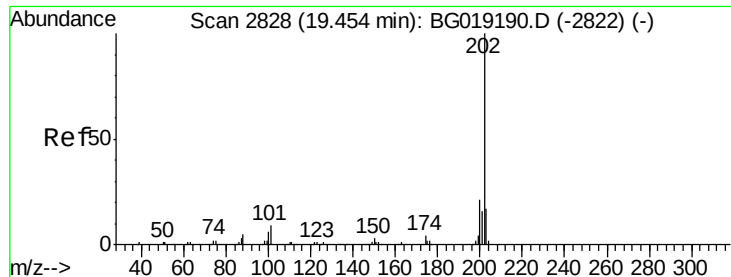
Tot Ion:167 Resp: 568
 Ion Ratio Lower Upper
 167 100
 166 96.5 18.6 27.8#
 139 108.2 9.8 14.8#



#76
 Di-n-butylphthalate
 Concen: 3.22 ng/ul
 RT: 18.63 min Scan# 2687
 Delta R.T. 0.26 min
 Lab File: BG019198.D
 Acq: 14 Oct 2015 3:14

Tgt Ion:149 Resp: 62
 Ion Ratio Lower Upper
 149 100
 150 122.8 7.1 10.7#
 104 255.6 3.9 5.9#

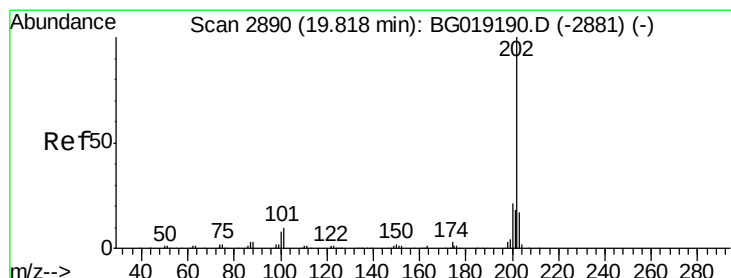
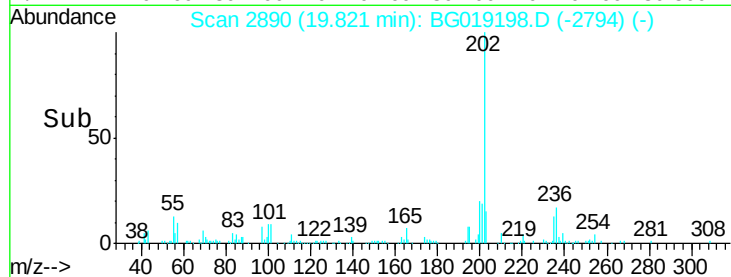
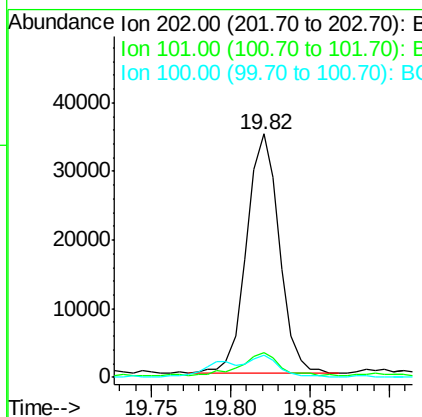
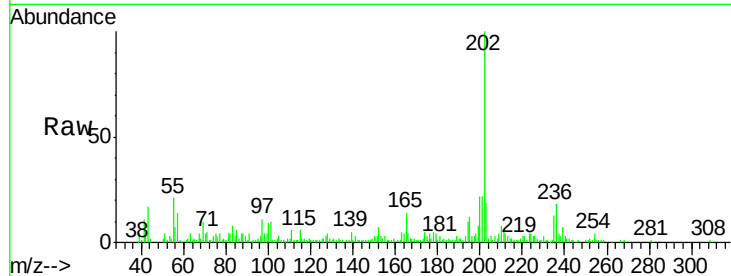




#77
 Fluoranthene
 Concen: 2490.40 ng/ul
 RT: 19.82 min Scan# 2890
 Delta R.T. 0.37 min
 Lab File: BG019198.D
 Acq: 14 Oct 2015 3:14

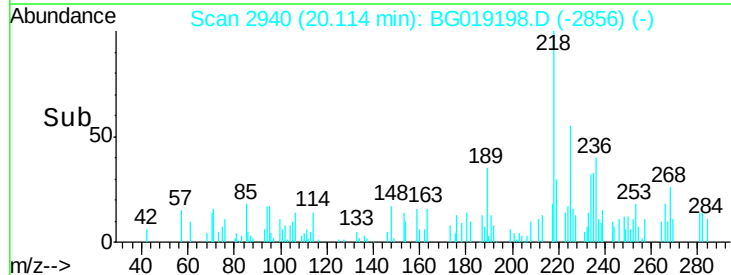
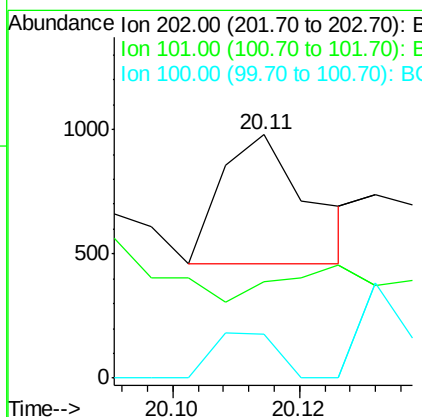
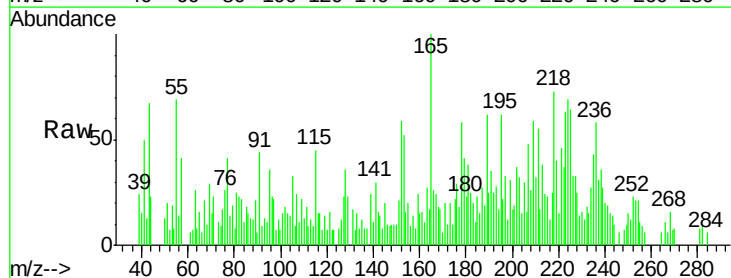
Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

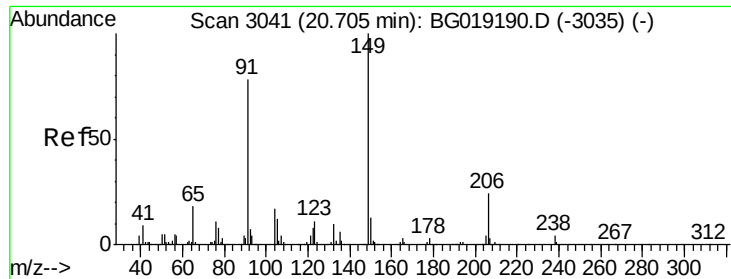
Tot Ion:	202	Resp:	50160
Ion	Ratio	Lower	Upper
202	100		
101	10.2	9.0	13.4
100	9.0	6.9	10.3



#80
 Pyrene
 Concen: 42.54 ng/ul
 RT: 20.11 min Scan# 2940
 Delta R.T. 0.30 min
 Lab File: BG019198.D
 Acq: 14 Oct 2015 3:14

Tgt Ion:	202	Resp:	489
Ion	Ratio	Lower	Upper
202	100		
101	39.5	10.2	15.2#
100	17.9	8.5	12.7#

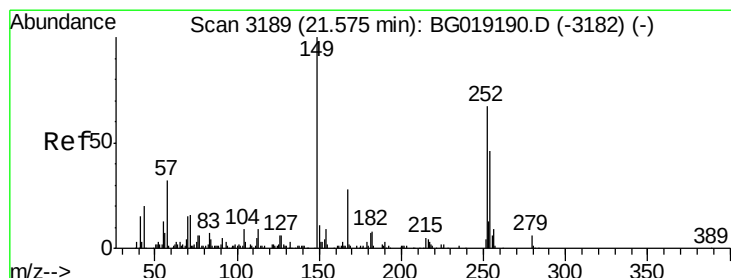
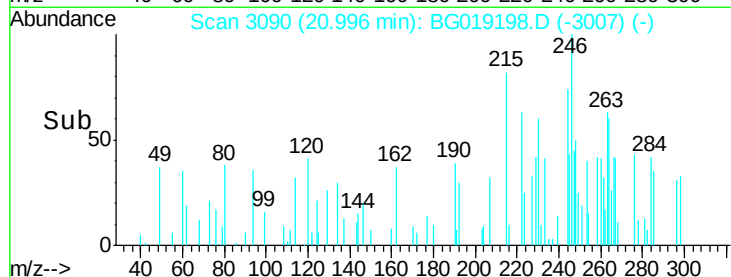
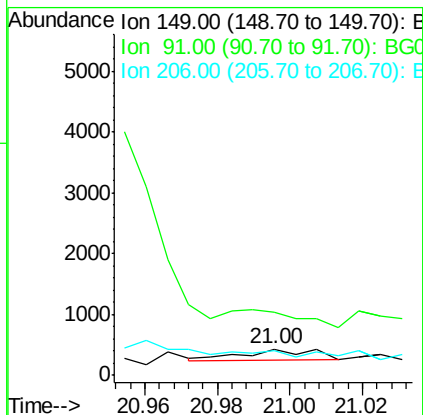
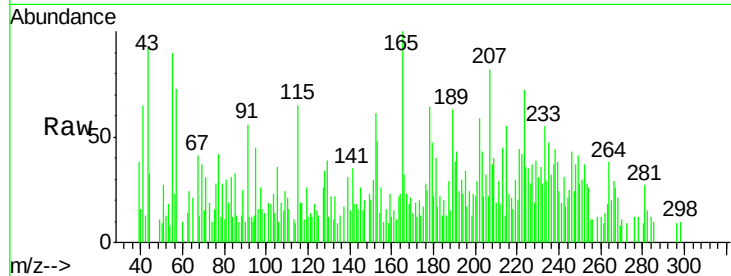




#81
Butylbenzylphthalate
Concen: 52.76 ng/ul
RT: 21.00 min Scan# 3090
Delta R.T. 0.29 min
Lab File: BG019198.D
Acq: 14 Oct 2015 3:14

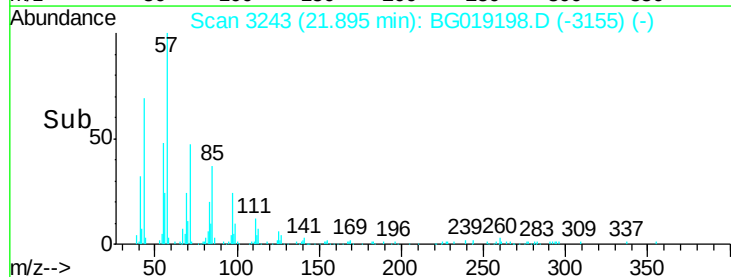
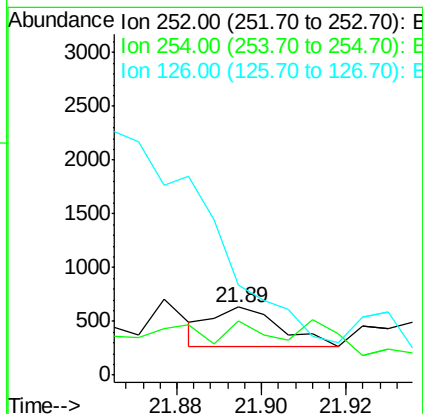
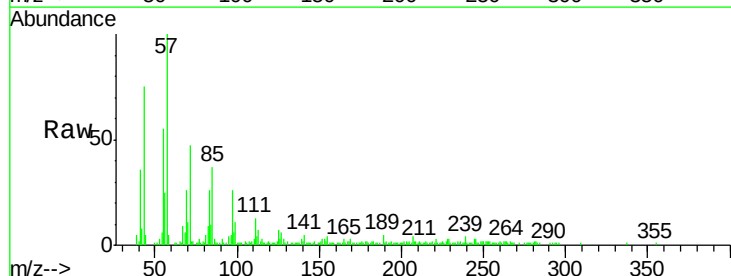
Instrument :
BNA_G
ClientSampled :
E5LJ0

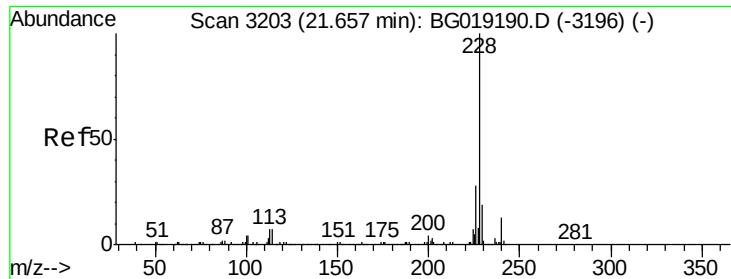
Tot Ion:149 Resp: 230
Ion Ratio Lower Upper
149 100
91 242.7 59.1 88.7#
206 93.9 17.9 26.9#



#82
3,3'-Dichlorobenzidine
Concen: 116.53 ng/ul
RT: 21.89 min Scan# 3243
Delta R.T. 0.32 min
Lab File: BG019198.D
Acq: 14 Oct 2015 3:14

Tgt Ion:252 Resp: 412
Ion Ratio Lower Upper
252 100
254 80.3 51.4 77.0#
126 132.8 7.9 11.9#

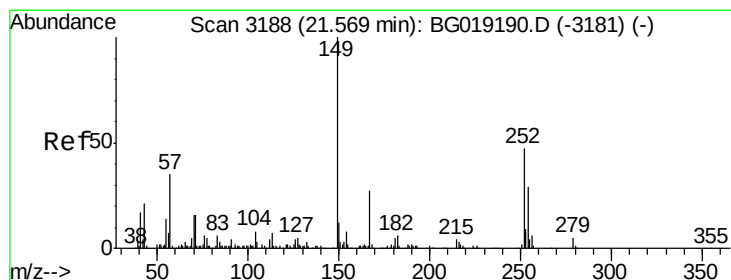
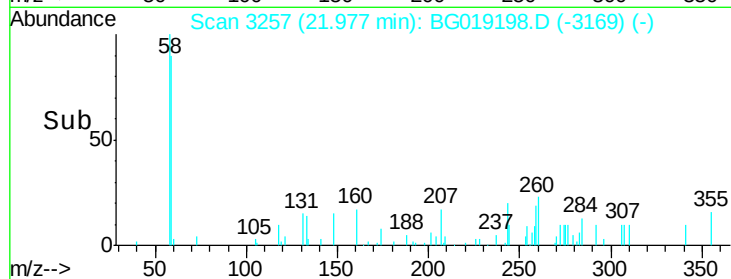
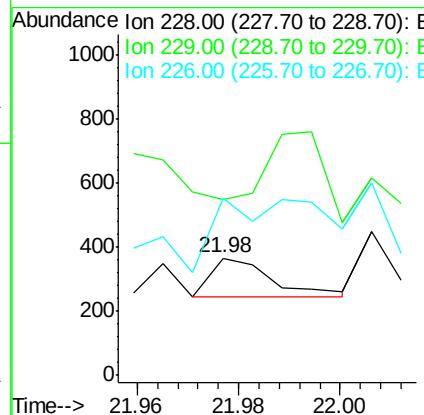
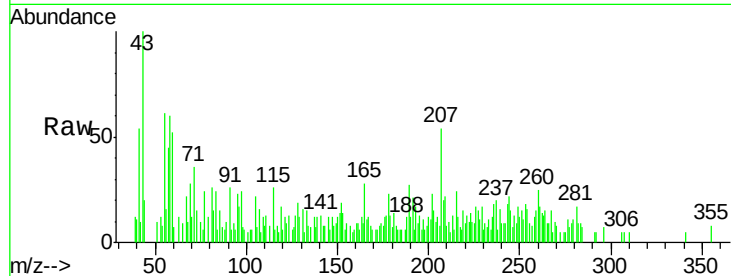




#83
 Benzo(a)anthracene
 Concen: 9.07 ng/ul
 RT: 21.98 min Scan# 3257
 Delta R.T. 0.32 min
 Lab File: BG019198.D
 Acq: 14 Oct 2015 3:14

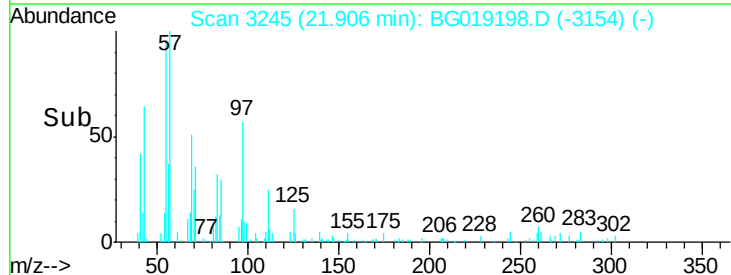
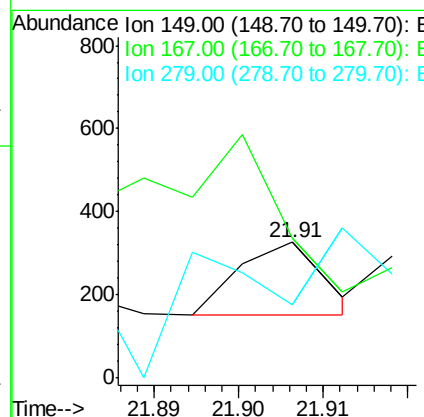
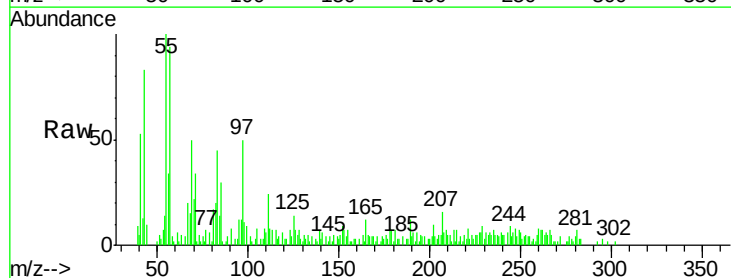
Instrument :
 BNA_G
 ClientSampled :
 E5LJ0

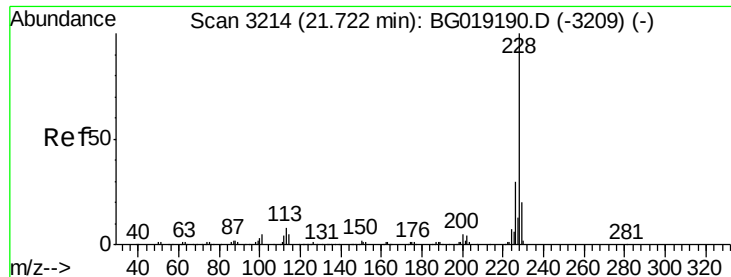
Tot Ion:228 Resp: 100
 Ion Ratio Lower Upper
 228 100
 229 149.5 16.6 24.8#
 226 150.8 22.8 34.2#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 18.97 ng/ul
 RT: 21.91 min Scan# 3245
 Delta R.T. 0.34 min
 Lab File: BG019198.D
 Acq: 14 Oct 2015 3:14

Tgt Ion:149 Resp: 120
 Ion Ratio Lower Upper
 149 100
 167 103.4 22.8 34.2#
 279 54.3 3.3 4.9#





#85

Chrysene

Concen: 18.65 ng/ul

RT: 22.04 min Scan# 3267

Delta R.T. 0.31 min

Lab File: BG019198.D

Acq: 14 Oct 2015 3:14

Instrument :

BNA_G

ClientSampleId :

E5LJ0

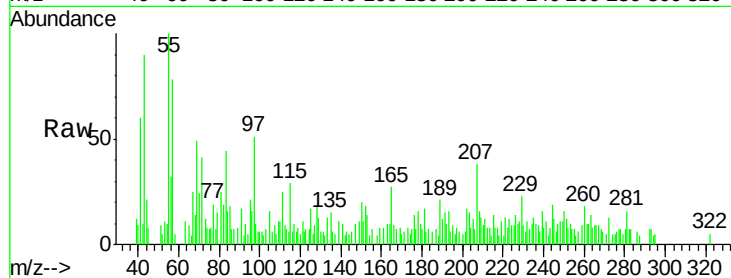
Tot Ion:228 Resp: 194

Ion Ratio Lower Upper

228 100

226 126.6 24.2 36.2#

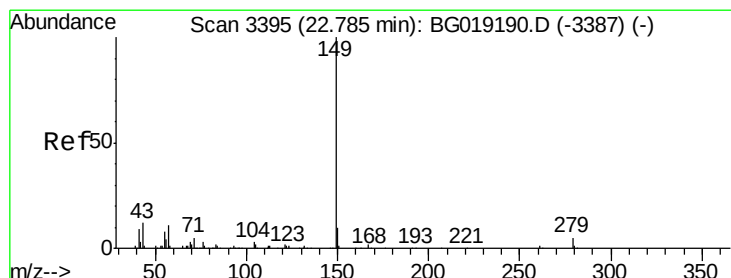
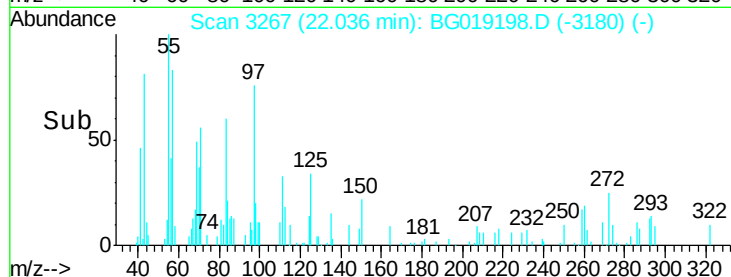
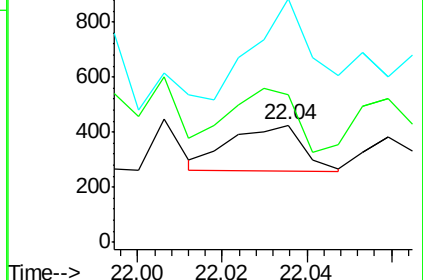
229 208.0 15.6 23.4#



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: 181.63 ng/ul

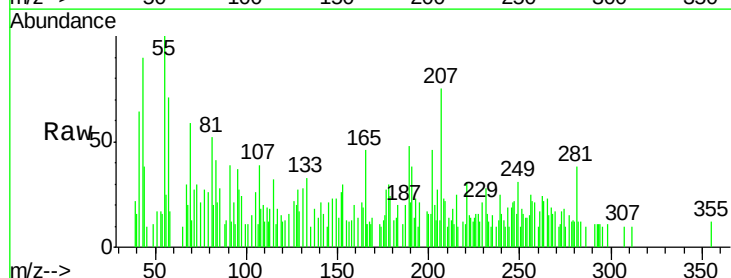
RT: 23.09 min Scan# 3447

Delta R.T. 0.31 min

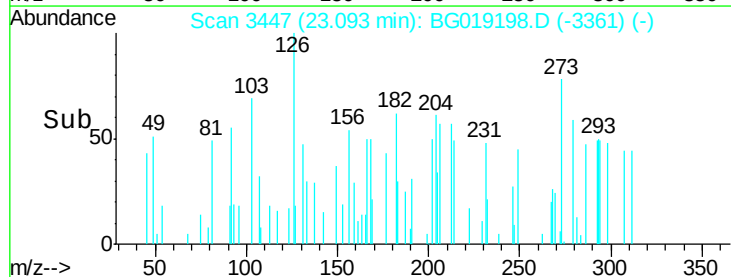
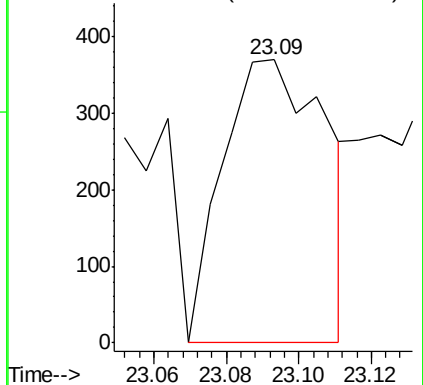
Lab File: BG019198.D

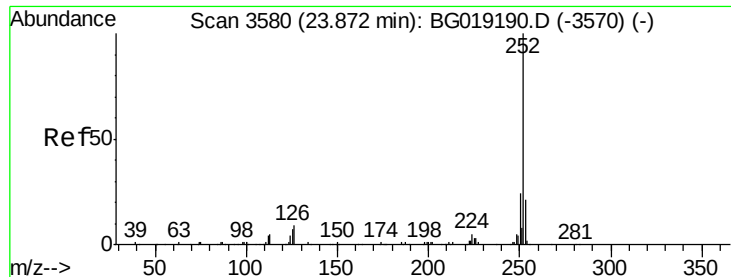
Acq: 14 Oct 2015 3:14

Tgt Ion:149 Resp: 732



Abundance Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 97.53 ng/ul

RT: 24.19 min Scan# 3634

Delta R.T. 0.32 min

Lab File: BG019198.D

Acq: 14 Oct 2015 3:14

Instrument :

BNA_G

ClientSampleId :

E5LJ0

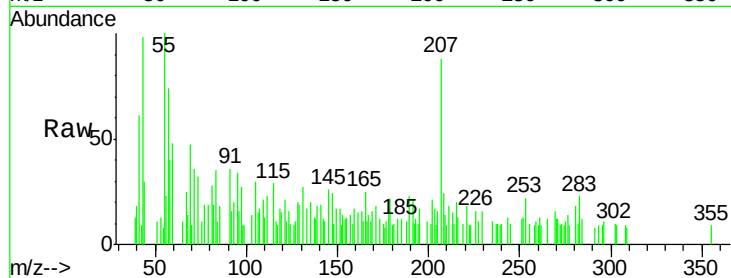
Tot Ion:252 Resp: 408

Ion Ratio Lower Upper

252 100

253 173.7 17.4 26.2#

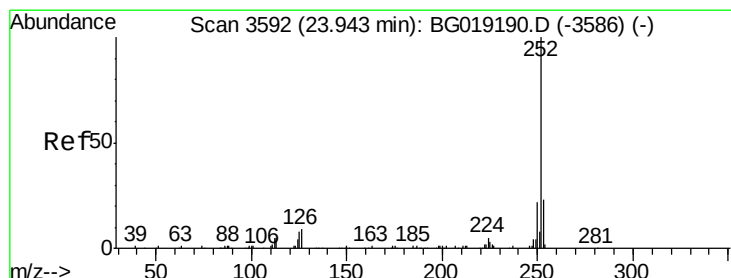
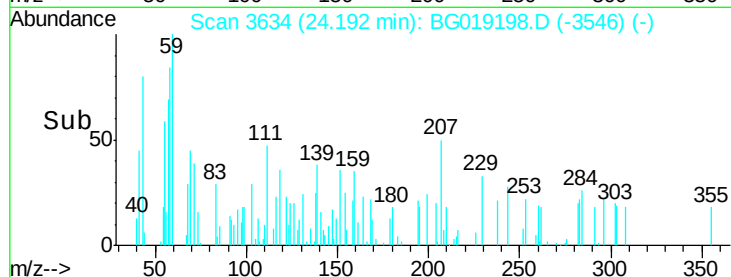
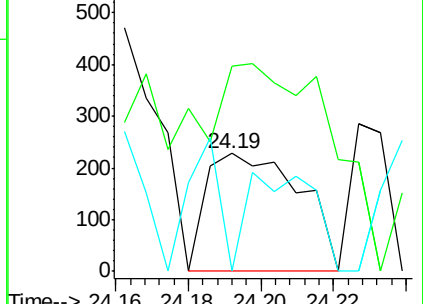
125 0.0 8.1 12.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 37.56 ng/ul

RT: 24.27 min Scan# 3648

Delta R.T. 0.33 min

Lab File: BG019198.D

Acq: 14 Oct 2015 3:14

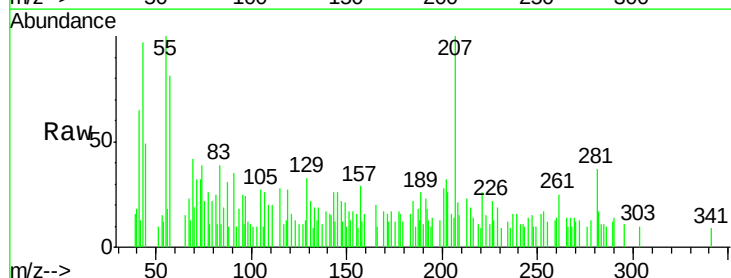
Tgt Ion:252 Resp: 153

Ion Ratio Lower Upper

252 100

253 107.7 17.2 25.8#

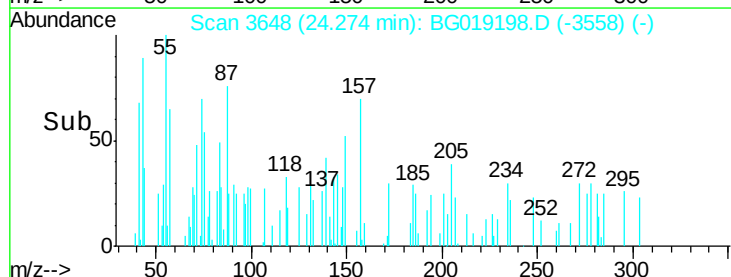
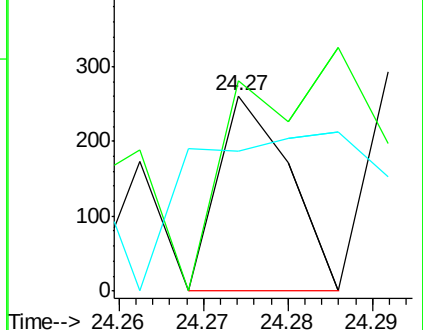
125 71.6 8.4 12.6#

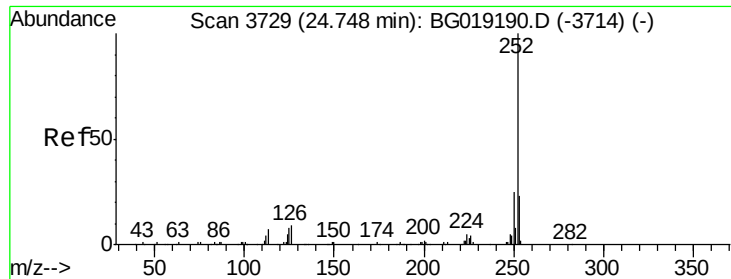


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

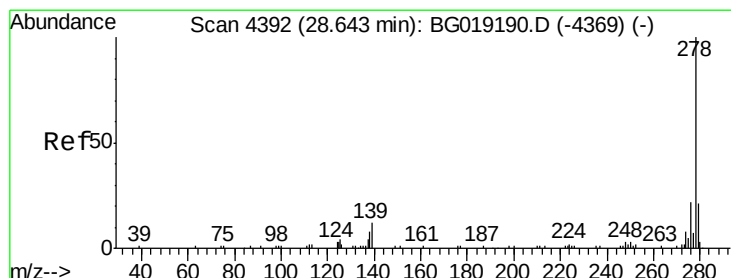
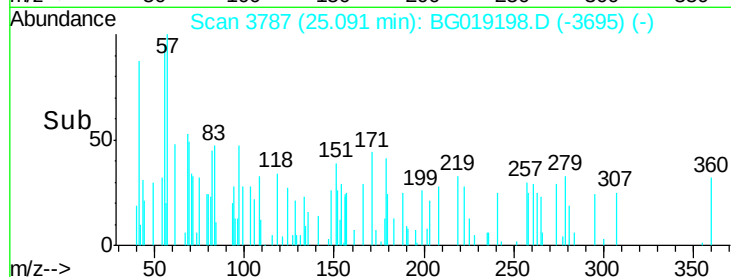
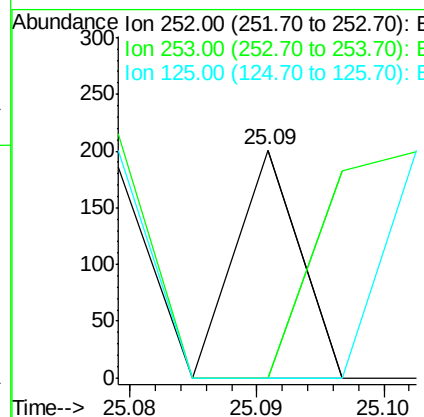
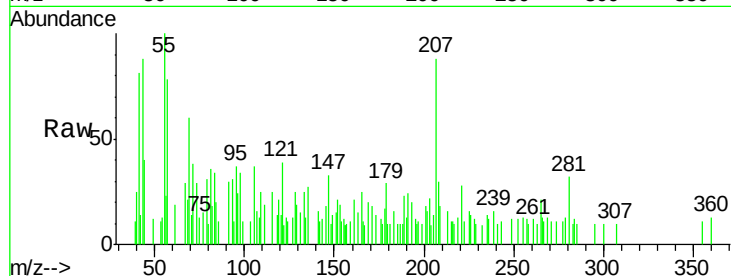




#91
Benzo(a)pyrene
Concen: 17.53 ng/ul
RT: 25.09 min Scan# 3787
Delta R.T. 0.34 min
Lab File: BG019198.D
Acq: 14 Oct 2015 3:14

Instrument :
BNA_G
ClientSampleId :
E5LJ0

Tot Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.1	27.1#
125	0.0	9.4	14.2#



#93
Dibenzo(a,h)anthracene
Concen: 13.20 ng/ul
RT: 29.21 min Scan# 4488
Delta R.T. 0.57 min
Lab File: BG019198.D
Acq: 14 Oct 2015 3:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.2	16.8#
279	0.0	17.6	26.4#

