

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
 Data File : BG020600.D
 Acq On : 30 Dec 2015 9:25
 Operator : UM/SJ
 Sample : G4846-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N48

Quant Time: Dec 30 10:50:31 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 30 08:00:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20202	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	90907	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.70	164	64608	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	154267	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	183871	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	180996	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	457	1.35	ng/uL	0.00
5) Phenol-d5	7.22	99	10432	6.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	30661	29.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	31295	23.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	22318	15.24	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	22769	32.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	26578	32.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	44451	28.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	1869	1.02	ng/ul	0.01
44) Dimethylphthalate-d6	14.10	166	165344	31.27	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	189619	31.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	5037	6.07	ng/ul	0.00
58) Fluorene-d10	15.69	176	150790	31.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	27241	29.11	ng/ul	0.00
71) Anthracene-d10	17.55	188	232634	32.37	ng/ul	0.00
79) Pyrene-d10	19.83	212	270850	32.85	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	304320	33.70	ng/ul	0.00

Target Compounds

					Ovalue
4) Benzaldehyde	7.19	77	338	0.32	ng/ul# 1
14) Acetophenone	8.89	105	1325	0.55	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.77	70	526	0.43	ng/ul# 1
17) Hexachloroethane	9.16	117	1958	3.42	ng/ul# 1
20) Nitrobenzene	9.25	77	320	0.18	ng/ul# 15
21) Isophorone	9.96	82	2105	0.62	ng/ul# 66
24) 2,4-Dimethylphenol	10.04	107	153	0.08	ng/ul# 17
28) Naphthalene	10.98	128	5292822	1099.42	ng/ul# 66
30) 4-Chloroaniline	10.98	127	1143417	605.26	ng/ul# 7
32) Caprolactam	11.70	113	2277	4.16	ng/ul# 1
34) 2-Methylnaphthalene	12.54	142	1084857	301.16	ng/ul 98
35) 1-Methylnaphthalene	12.76	142	647873	186.33	ng/ul 99
41) 1,1'-Biphenyl	13.53	154	373133	76.76	ng/ul 99
42) 2-Chloronaphthalene	13.54	162	343	0.09	ng/ul# 1
43) 2-Nitroaniline	13.72	65	807	0.72	ng/ul# 20
45) Dimethylphthalate	14.09	163	590	0.11	ng/ul# 1
48) Acenaphthylene	14.42	152	205730	32.16	ng/ul 97
49) 3-Nitroaniline	14.78	138	1832	1.80	ng/ul# 1
50) Acenaphthene	14.78	153	1528696	353.16	ng/ul 96
53) 4-Nitrophenol	14.84	109	440	0.60	ng/ul# 54
54) Dibenzofuran	15.10	168	1275436	194.98	ng/ul 94
55) 2,4-Dinitrotoluene	15.04	165	852	0.52	ng/ul# 46
57) Diethylphthalate	15.50	149	507	0.09	ng/ul# 71

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 ALS Vial : 10 Sample Multiplier: 1

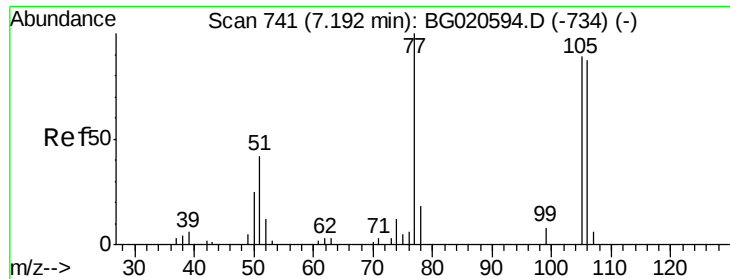
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

59) Fluorene	15.76	166	1034472	196.60	ng/ul	98
61) 4-Nitroaniline	15.76	138	13613	12.21	ng/ul#	16
64) 4,6-Dinitro-2-methylphenol	15.87	198	112	0.11	ng/ul#	1
65) N-Nitrosodiphenylamine	15.95	169	2670	0.63	ng/ul#	1
70) Phenanthrene	17.50	178	1942503	231.61	ng/ul#	87
72) Anthracene	17.58	178	111897	13.04	ng/ul	96
75) Carbazole	17.86	167	1309519	180.90	ng/ul#	92
76) Di-n-butylphthalate	18.39	149	2857	0.34	ng/ul#	50
77) Fluoranthene	19.49	202	449636	43.88	ng/ul	100
80) Pvrene	19.86	202	271440	25.49	ng/ul	99
81) Butylbenzylphthalate	20.73	149	444	0.12	ng/ul#	49
83) Benzo(a)anthracene	21.70	228	24630	2.29	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.58	149	651	0.12	ng/ul#	46
85) Chrysene	21.70	228	24630	2.43	ng/ul	93
87) Di-n-octyl phthalate	22.80	149	403	0.04	ng/ul	100
88) Benzo(b)fluoranthene	23.94	252	7615	0.71	ng/ul#	91
89) Benzo(k)fluoranthene	23.99	252	2518	0.24	ng/ul#	89
91) Benzo(a)pyrene	24.81	252	4679	0.45	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.69	276	262	0.02	ng/ul#	57
94) Benzo(g,h,i)perylene	29.83	276	391	0.04	ng/ul#	57

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



#4

Benzaldehyde

Concen: 0.32 ng/ul

RT: 7.19 min Scan# 740

Delta R.T. -0.00 min

Lab File: BG020600.D

Acq: 30 Dec 2015 9:25

Instrument :

BNA_G

ClientSampleId :

D9N48

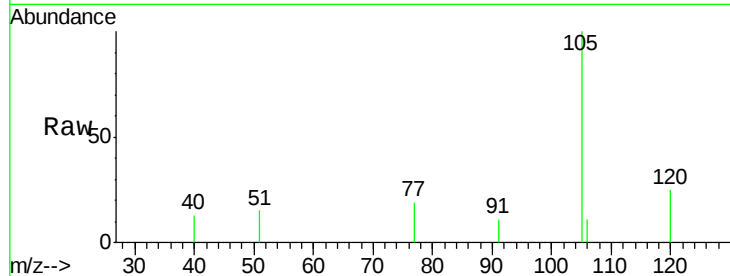
Tot Ion: 77 Resp: 338

Ion Ratio Lower Upper

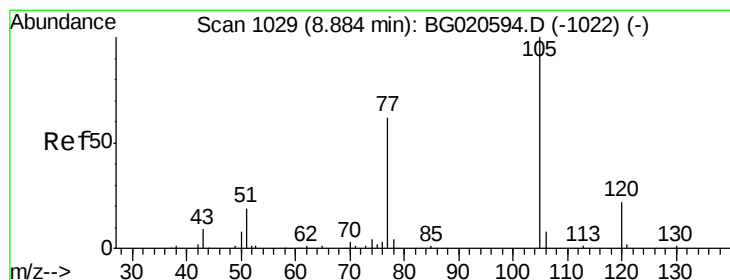
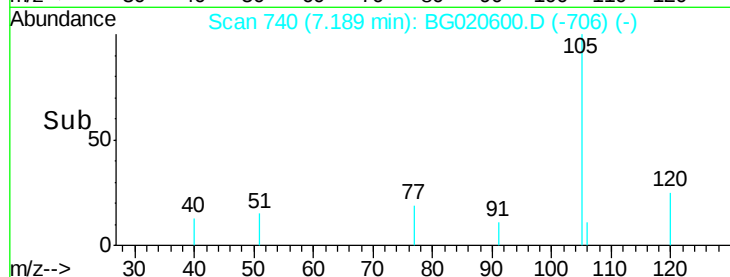
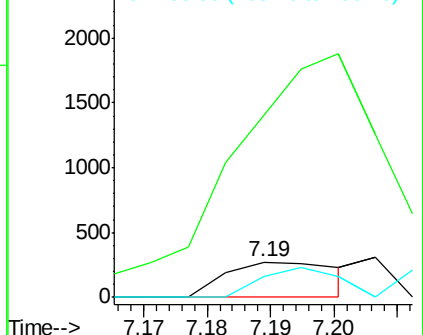
77 100

105 517.7 71.0 106.6#

106 58.7 69.5 104.3#



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



#14

Acetophenone

Concen: 0.55 ng/ul

RT: 8.89 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BG020600.D

Acq: 30 Dec 2015 9:25

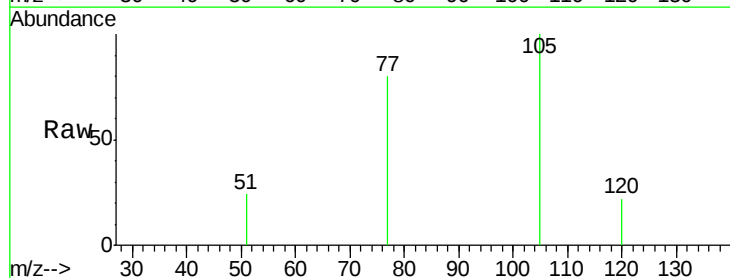
Tgt Ion: 105 Resp: 1325

Ion Ratio Lower Upper

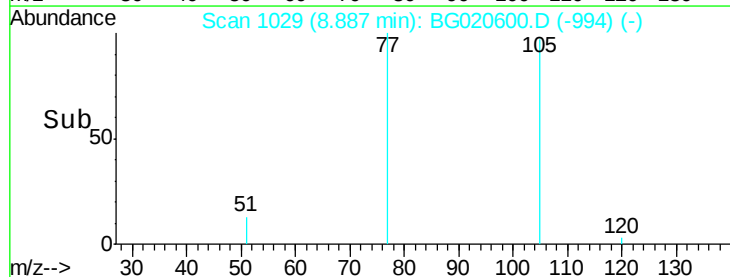
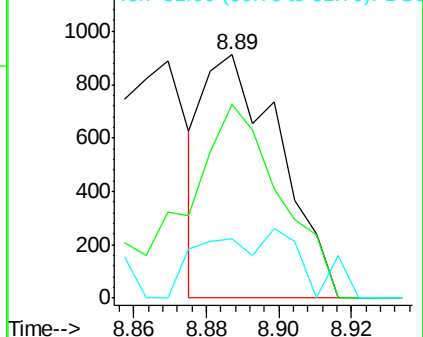
105 100

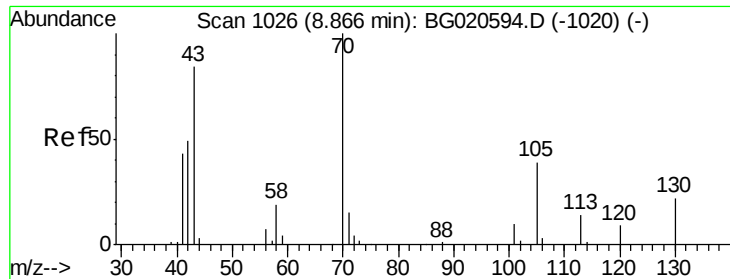
77 79.7 63.2 94.8

51 24.5 19.8 29.8



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

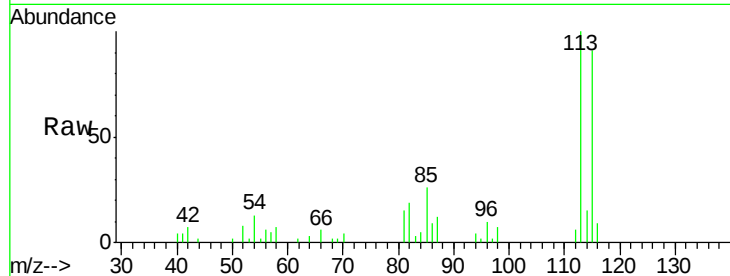




#15
N-Nitroso-di-n-propylamine
Concen: 0.43 ng/ul
RT: 8.77 min Scan# 1009
Delta R.T. -0.10 min
Lab File: BG020600.D
Acq: 30 Dec 2015 9:25

Instrument :
BNA_G
ClientSampleId :
D9N48

Tot Ion: 70 Resp: 526
Ion Ratio Lower Upper
70 100
42 189.7 40.2 60.4#
101 0.0 7.7 11.5#
130 0.0 17.8 26.6#

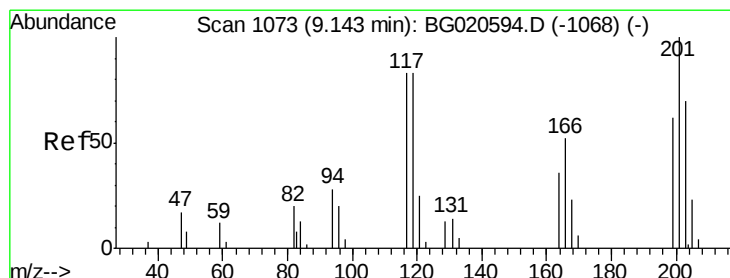
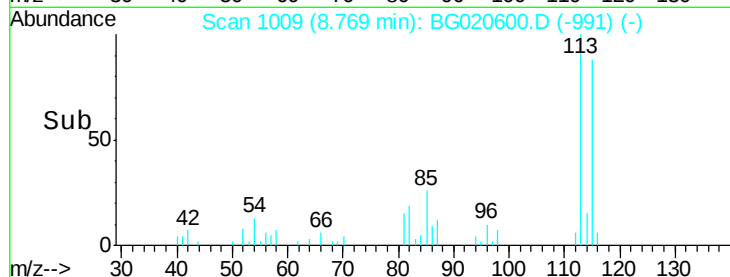
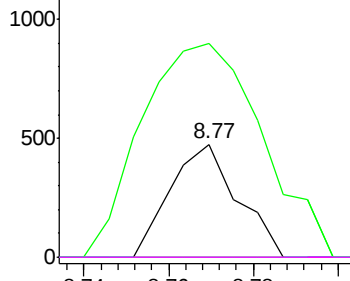


Abundance Ion 70.00 (69.70 to 70.70): BG020600.D (-991) (-)

Ion 42.00 (41.70 to 42.70): BG020600.D (-991) (-)

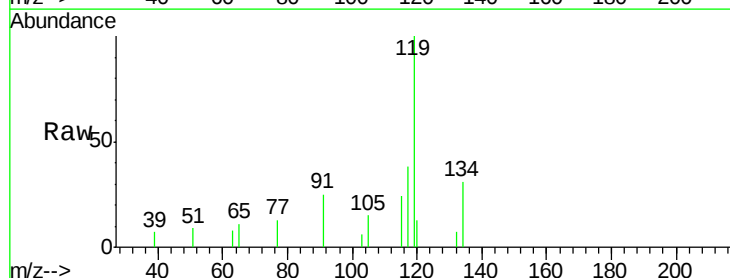
Ion 101.00 (100.70 to 101.70): BG020600.D (-991) (-)

Ion 130.00 (129.70 to 130.70): BG020600.D (-991) (-)



#17
Hexachloroethane
Concen: 3.42 ng/ul
RT: 9.16 min Scan# 1076
Delta R.T. 0.02 min
Lab File: BG020600.D
Acq: 30 Dec 2015 9:25

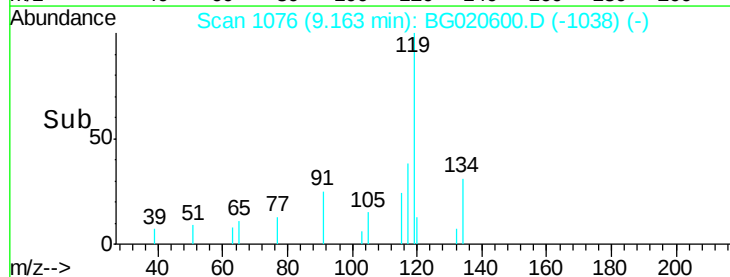
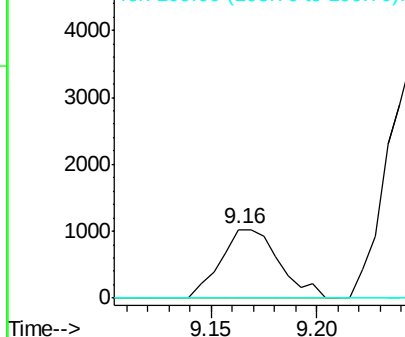
Tgt Ion: 117 Resp: 1958
Ion Ratio Lower Upper
117 100
201 0.0 96.1 144.1#
199 0.0 59.7 89.5#

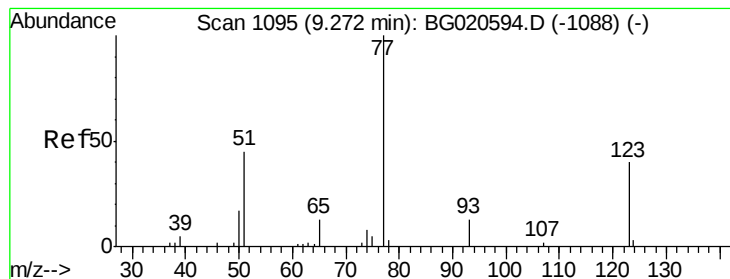


Abundance Ion 117.00 (116.70 to 117.70): BG020600.D (-1038) (-)

Ion 201.00 (200.70 to 201.70): BG020600.D (-1038) (-)

Ion 199.00 (198.70 to 199.70): BG020600.D (-1038) (-)





#20

Nitrobenzene

Concen: 0.18 ng/ul

RT: 9.25 min Scan# 1091

Delta R.T. -0.02 min

Lab File: BG020600.D

Acq: 30 Dec 2015 9:25

Instrument :

BNA_G

ClientSampled :

D9N48

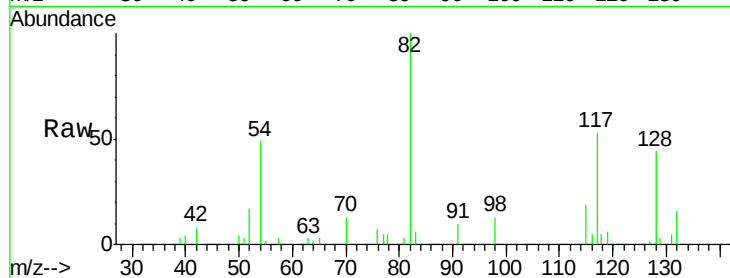
Tot Ion: 77 Resp: 320

Ion Ratio Lower Upper

77 100

123 0.0 31.8 47.8#

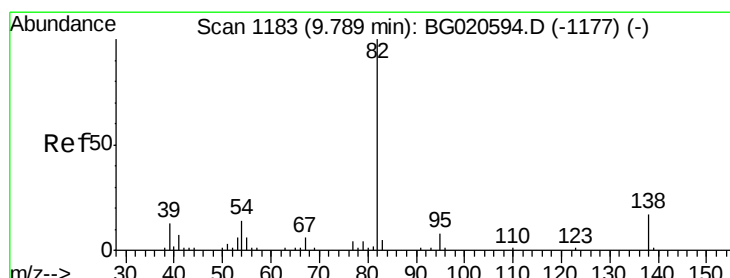
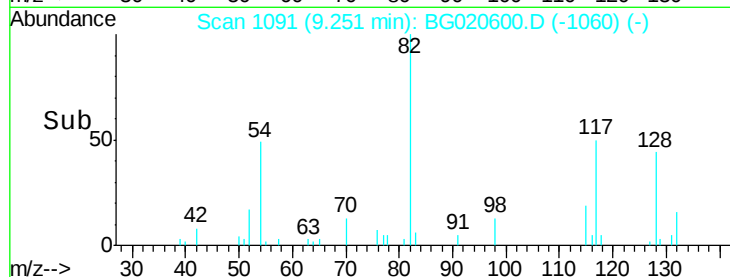
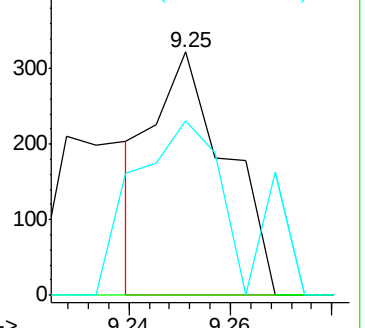
65 71.4 10.6 16.0#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC



#21

Isophorone

Concen: 0.62 ng/ul

RT: 9.96 min Scan# 1211

Delta R.T. 0.17 min

Lab File: BG020600.D

Acq: 30 Dec 2015 9:25

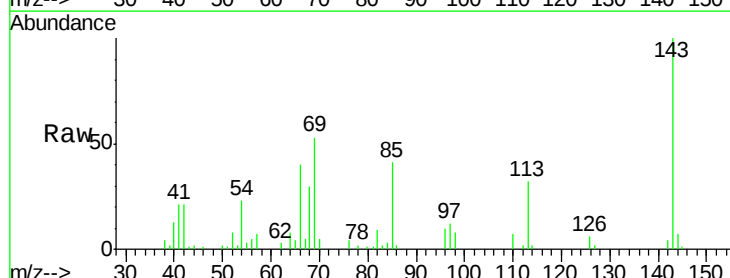
Tgt Ion: 82 Resp: 2105

Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

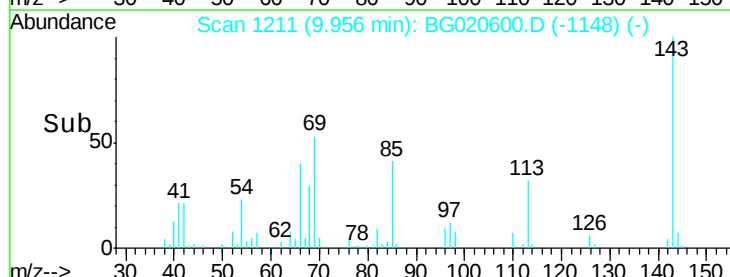
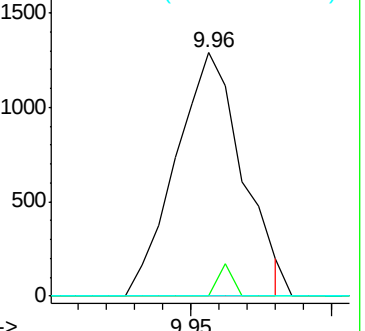
138 0.0 13.5 20.3#

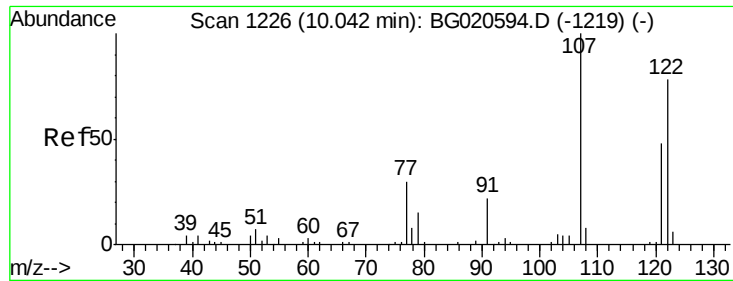


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC

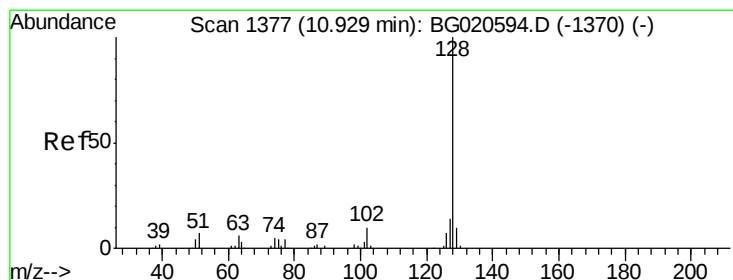
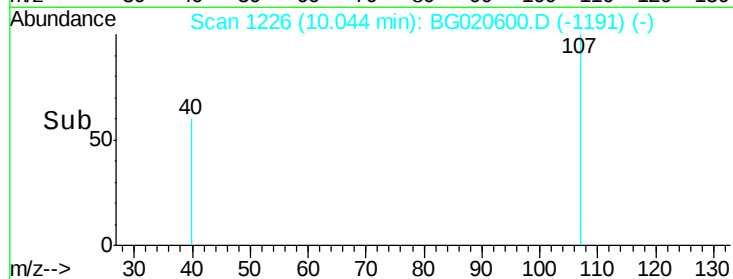
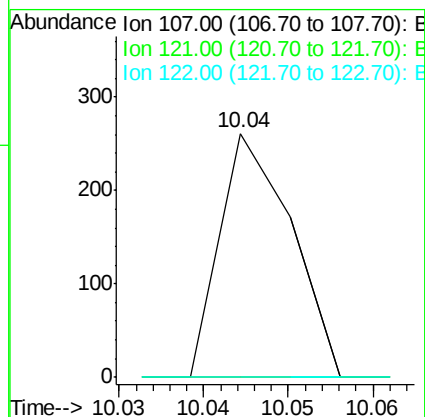
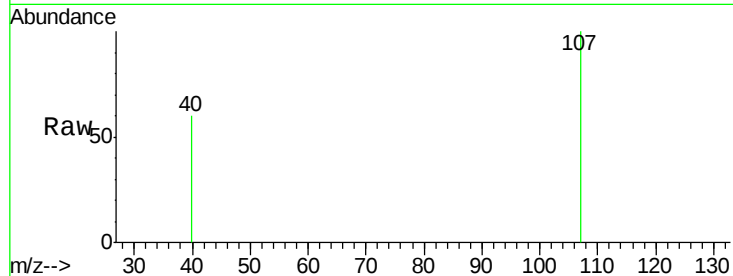




#24
 2,4-Dimethylphenol
 Concen: 0.08 ng/ul
 RT: 10.04 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BG020600.D
 Acq: 30 Dec 2015 9:25

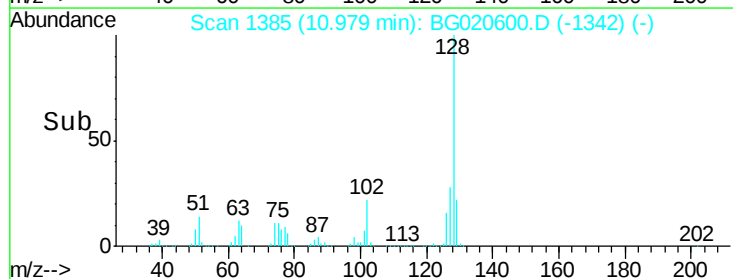
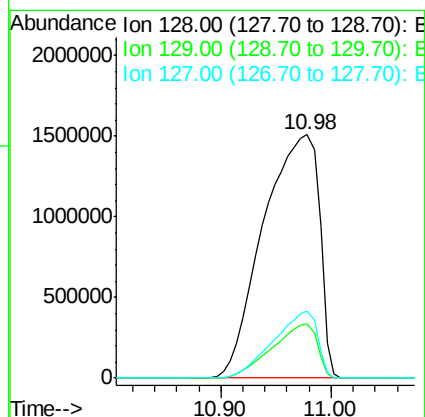
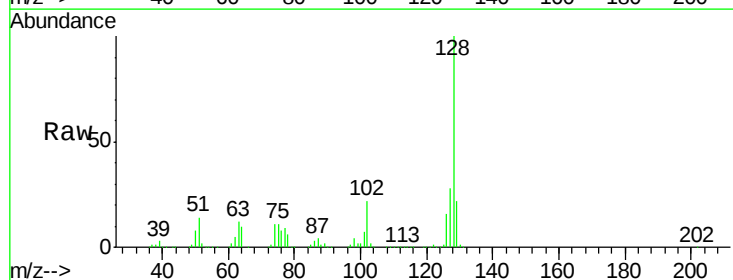
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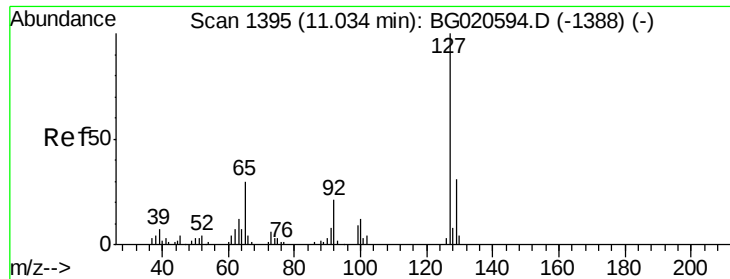
Tot Ion:107 Resp: 153
 Ion Ratio Lower Upper
 107 100
 121 0.0 38.1 57.1#
 122 0.0 63.8 95.8#



#28
 Naphthalene
 Concen: 1099.42 ng/ul
 RT: 10.98 min Scan# 1385
 Delta R.T. 0.05 min
 Lab File: BG020600.D
 Acq: 30 Dec 2015 9:25

Tgt Ion:128 Resp: 5292822
 Ion Ratio Lower Upper
 128 100
 129 22.5 8.3 12.5#
 127 27.5 10.8 16.2#

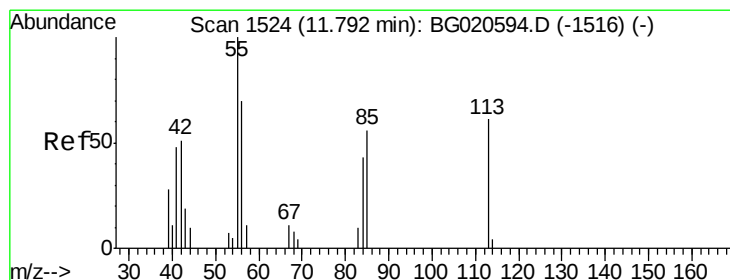
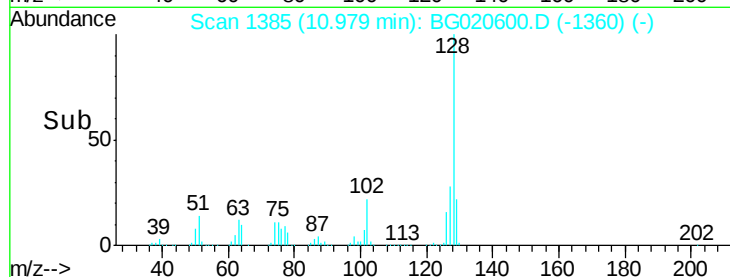
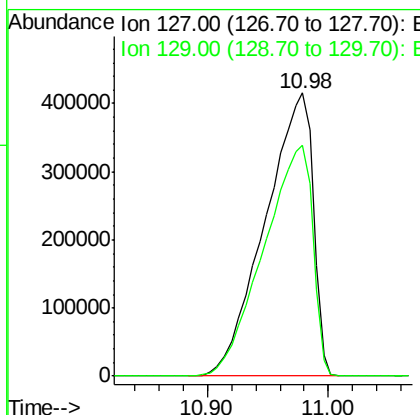
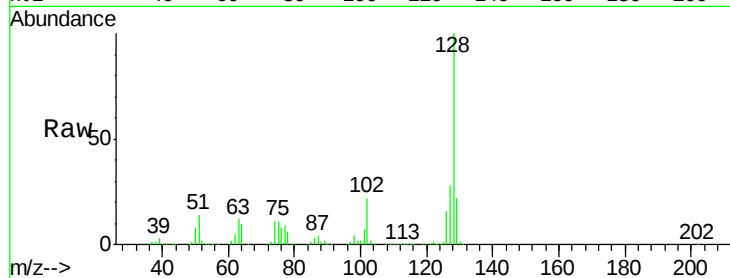




#30
4-Chloroaniline
Concen: 605.26 ng/ul
RT: 10.98 min Scan# 1385
Delta R.T. -0.06 min
Lab File: BG020600.D
Acq: 30 Dec 2015 9:25

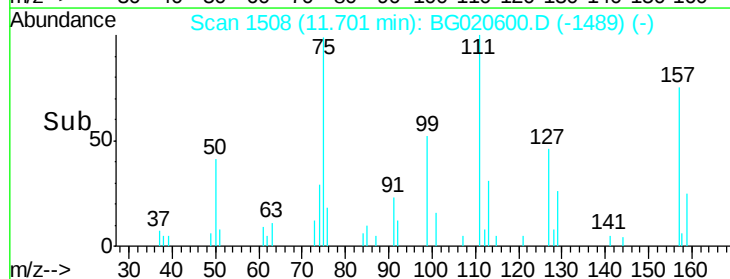
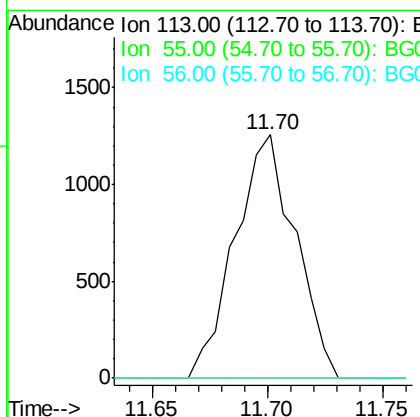
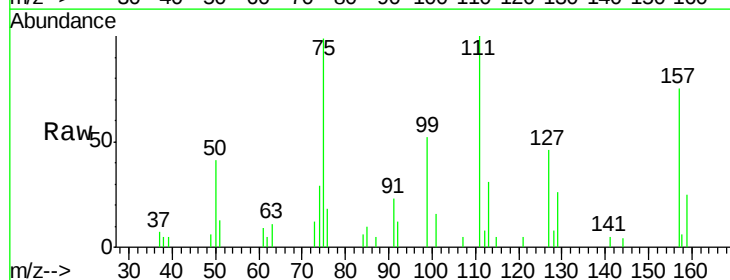
Instrument :
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D9N48

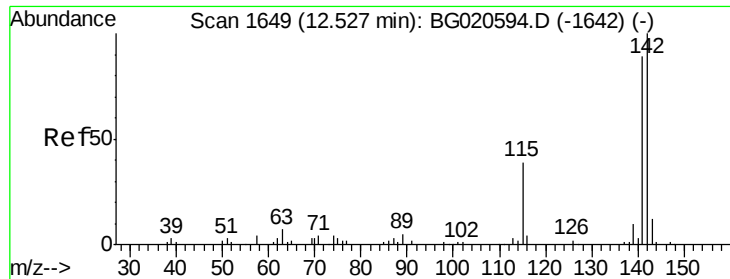
Tot Ion:127 Resp: 1143417
Ion Ratio Lower Upper
127 100
129 81.7 24.6 37.0#



#32
Caprolactam
Concen: 4.16 ng/ul
RT: 11.70 min Scan# 1508
Delta R.T. -0.09 min
Lab File: BG020600.D
Acq: 30 Dec 2015 9:25

Tgt Ion:113 Resp: 2277
Ion Ratio Lower Upper
113 100
55 0.0 131.7 197.5#
56 0.0 92.7 139.1#

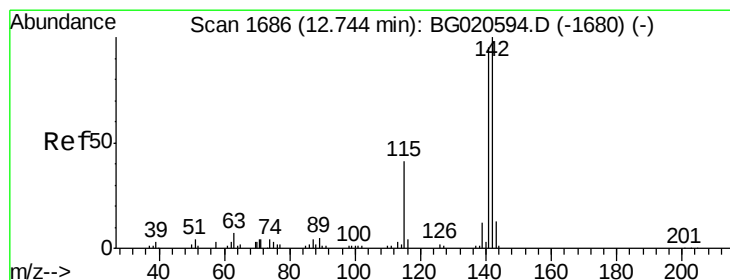
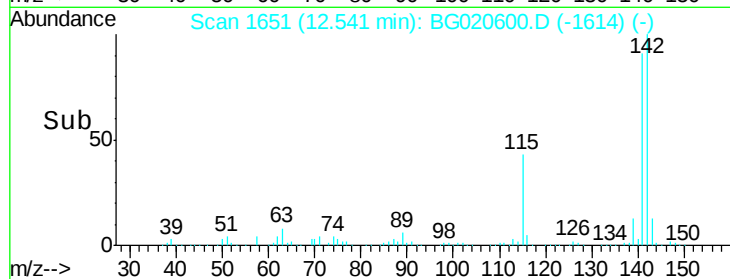
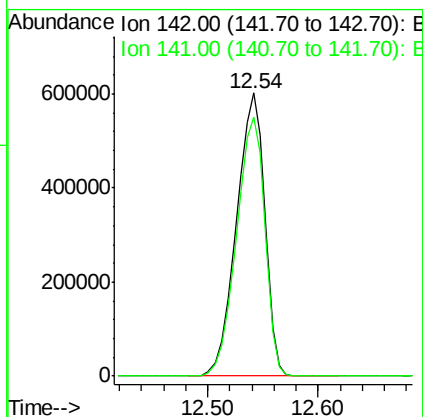
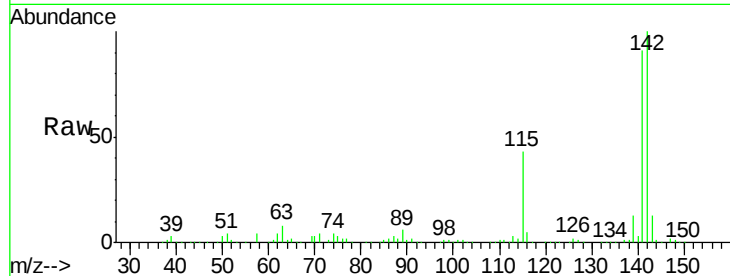




#34
 2-Methylnaphthalene
 Concen: 301.16 ng/ul
 RT: 12.54 min Scan# 1651
 Delta R.T. 0.01 min
 Lab File: BG020600.D
 Acq: 30 Dec 2015 9:25

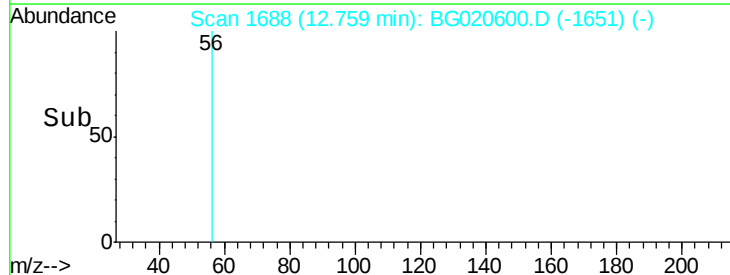
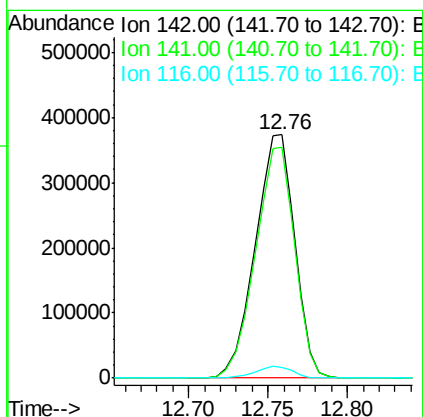
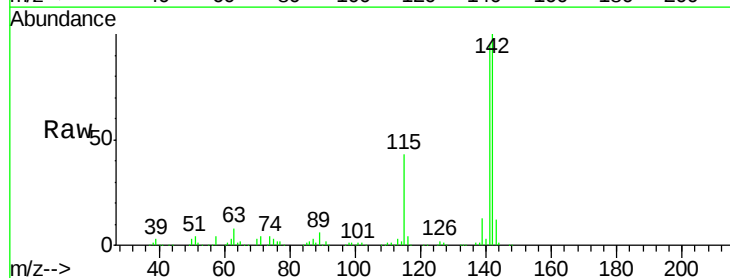
Instrument :
 BNA_G
 ClientSampleId :
 D9N48

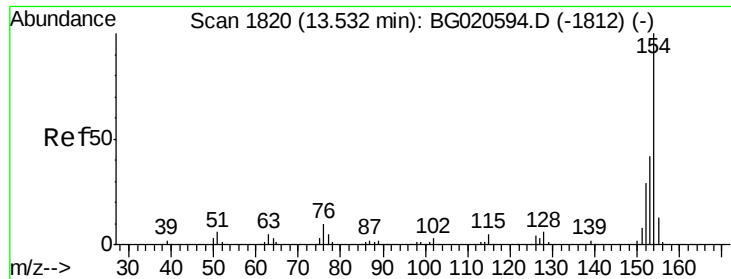
Tot Ion:142 Resp: 1084857
 Ion Ratio Lower Upper
 142 100
 141 91.4 71.4 107.2



#35
 1-Methylnaphthalene
 Concen: 186.33 ng/ul
 RT: 12.76 min Scan# 1688
 Delta R.T. 0.01 min
 Lab File: BG020600.D
 Acq: 30 Dec 2015 9:25

Tgt Ion:142 Resp: 647873
 Ion Ratio Lower Upper
 142 100
 141 94.8 76.6 115.0
 116 4.4 3.6 5.4

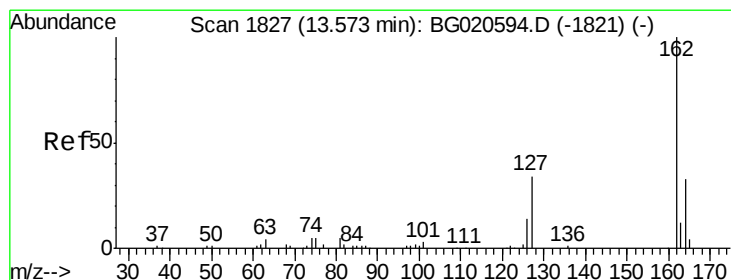
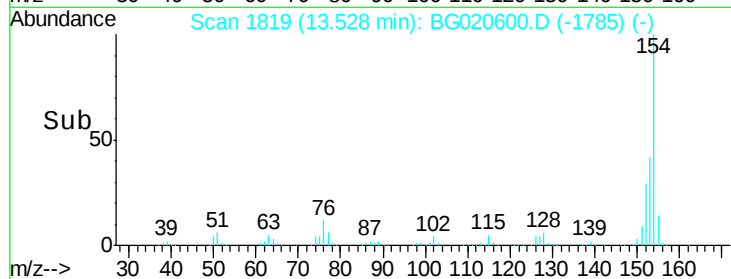
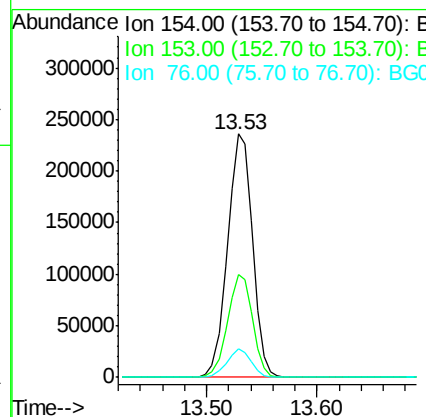
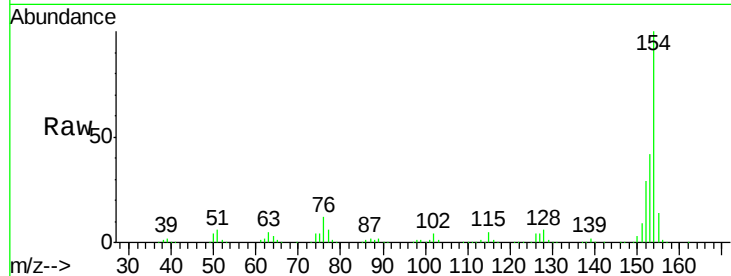




#41
 1,1'-Biphenyl
 Concen: 76.76 ng/ul
 RT: 13.53 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: BG020600.D
 Acq: 30 Dec 2015 9:25

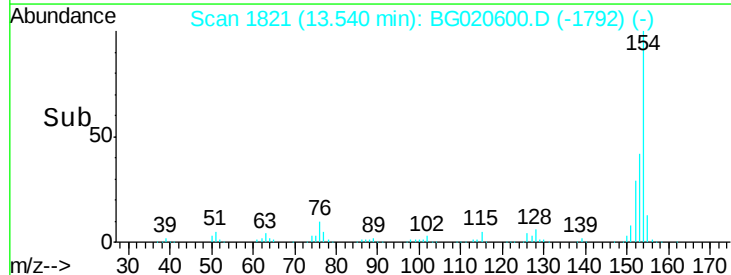
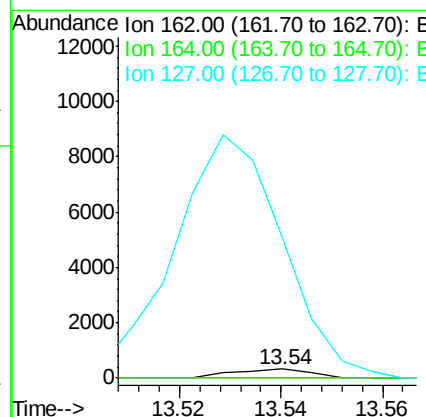
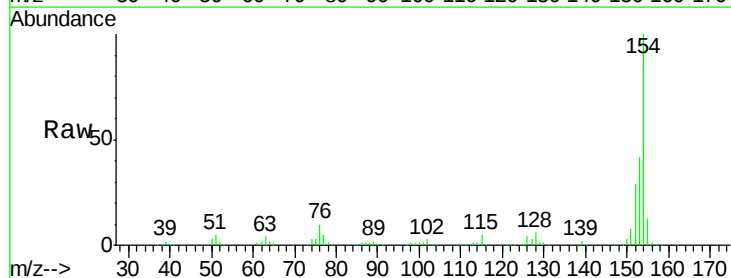
Instrument :
 BNA_G
 ClientSampleId :
 D9N48

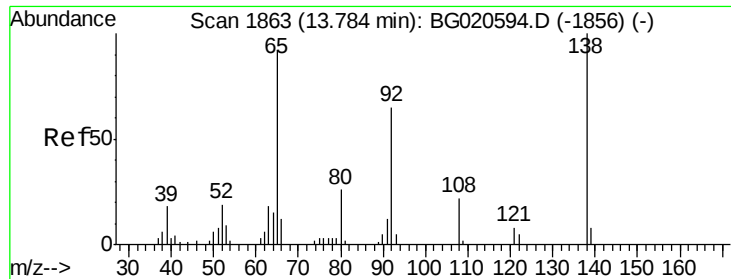
Tot Ion:154 Resp: 373133
 Ion Ratio Lower Upper
 154 100
 153 42.0 34.0 51.0
 76 11.9 8.4 12.6



#42
 2-Chloronaphthalene
 Concen: 0.09 ng/ul
 RT: 13.54 min Scan# 1821
 Delta R.T. -0.03 min
 Lab File: BG020600.D
 Acq: 30 Dec 2015 9:25

Tgt Ion:162 Resp: 343
 Ion Ratio Lower Upper
 162 100
 164 0.0 26.2 39.4#
 127 1583.0 29.5 44.3#

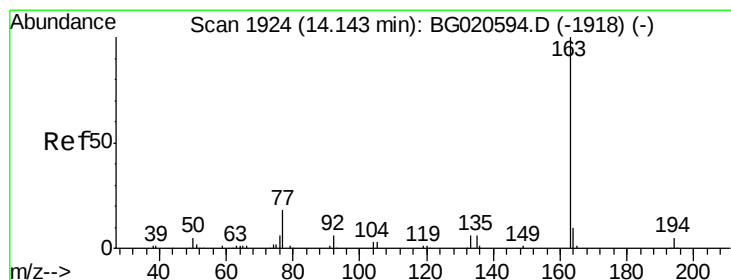
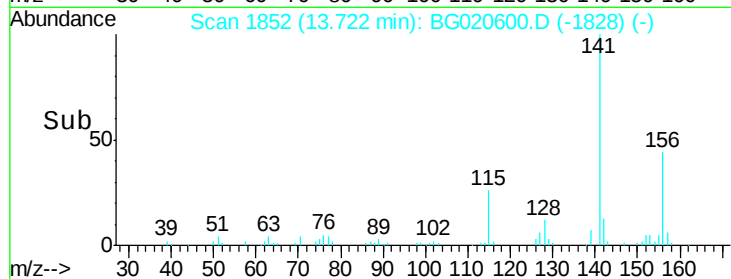
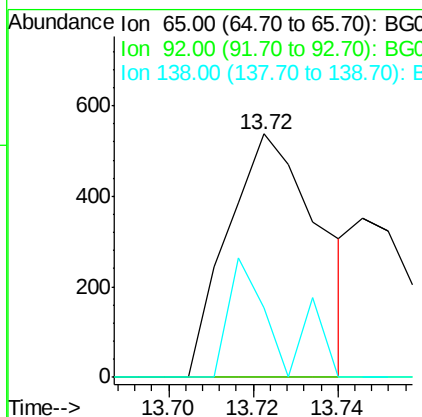
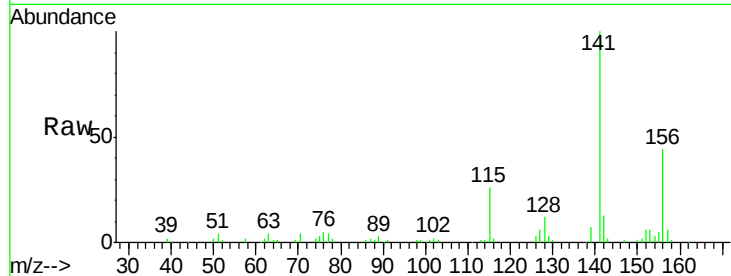




#43
2-Nitroaniline
Concen: 0.72 ng/ul
RT: 13.72 min Scan# 1852
Delta R.T. -0.06 min
Lab File: BG020600.D
Acq: 30 Dec 2015 9:25

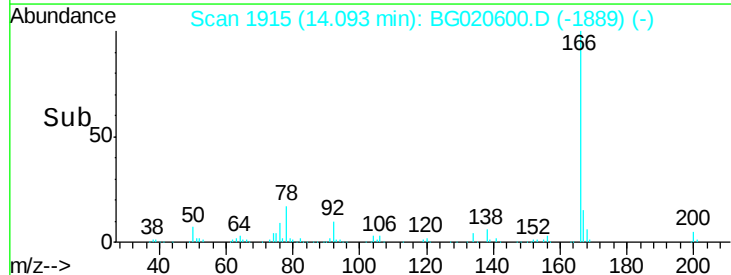
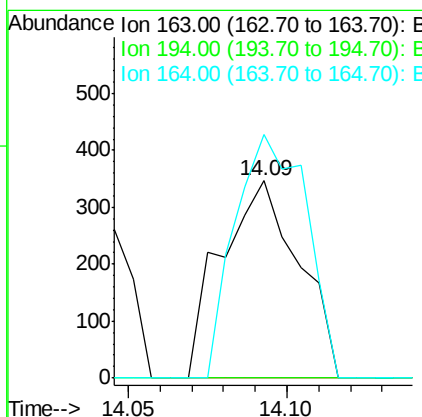
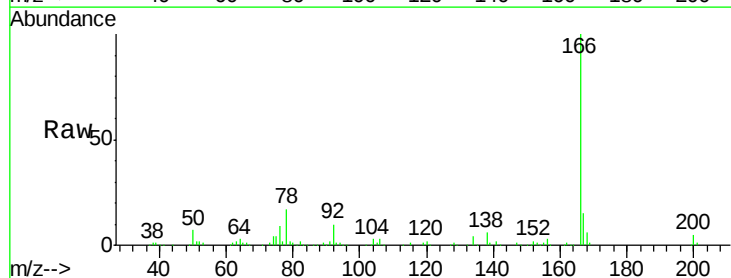
Instrument :
BNA_G
ClientSampleId :
D9N48

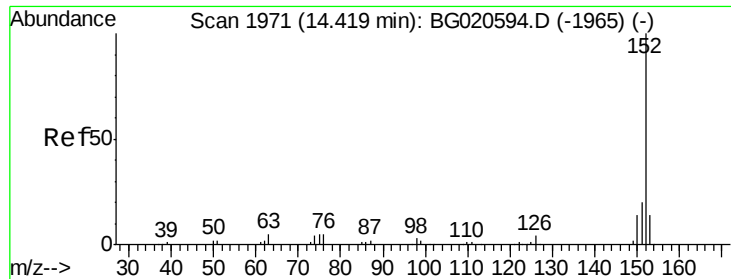
Tot Ion: 65 Resp: 807
Ion Ratio Lower Upper
65 100
92 0.0 57.0 85.4#
138 28.8 87.2 130.8#



#45
Dimethylphthalate
Concen: 0.11 ng/ul
RT: 14.09 min Scan# 1915
Delta R.T. -0.05 min
Lab File: BG020600.D
Acq: 30 Dec 2015 9:25

Tgt Ion: 163 Resp: 590
Ion Ratio Lower Upper
163 100
194 0.0 4.0 6.0#
164 123.3 8.4 12.6#





#48

Acenaphthylene

Concen: 32.16 ng/ul

RT: 14.42 min Scan# 1971

Delta R.T. 0.00 min

Lab File: BG020600.D

Acq: 30 Dec 2015 9:25

Instrument :

BNA_G

ClientSampleId :

D9N48

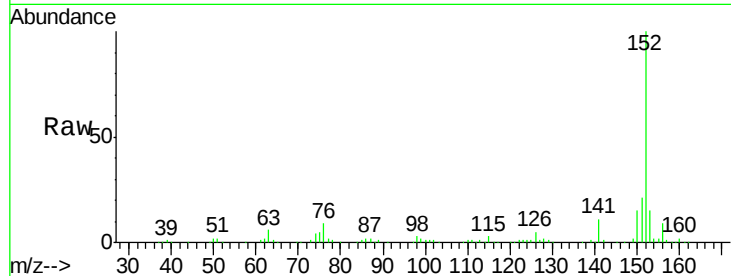
Tot Ion:152 Resp: 205730

Ion Ratio Lower Upper

152 100

151 21.3 16.1 24.1

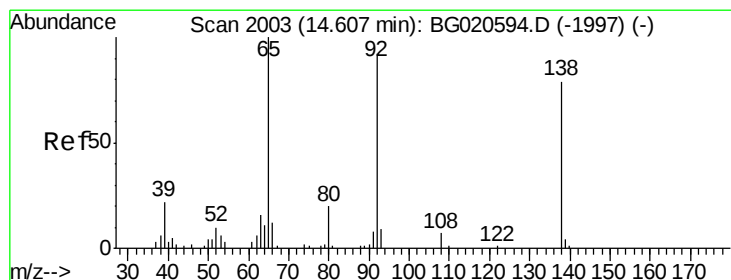
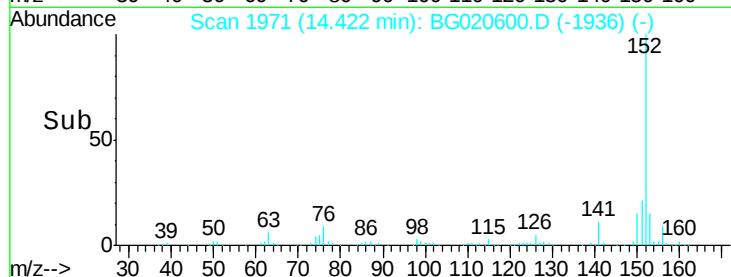
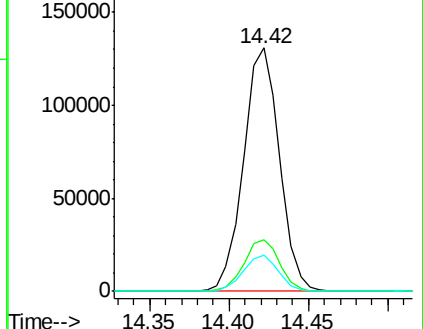
153 14.9 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

3-Nitroaniline

Concen: 1.80 ng/ul

RT: 14.78 min Scan# 2032

Delta R.T. 0.17 min

Lab File: BG020600.D

Acq: 30 Dec 2015 9:25

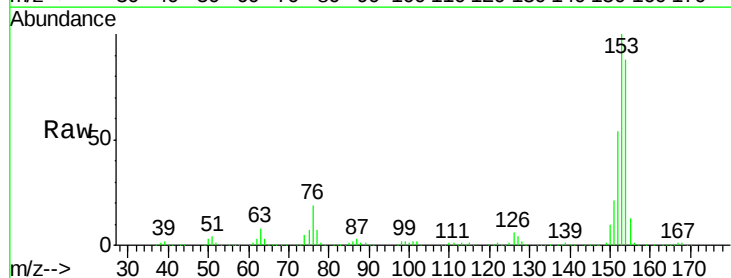
Tgt Ion:138 Resp: 1832

Ion Ratio Lower Upper

138 100

108 19.4 7.6 11.4#

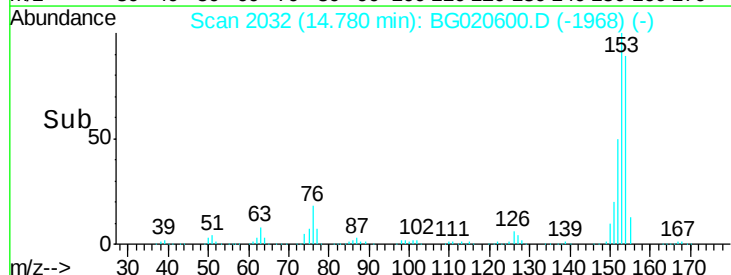
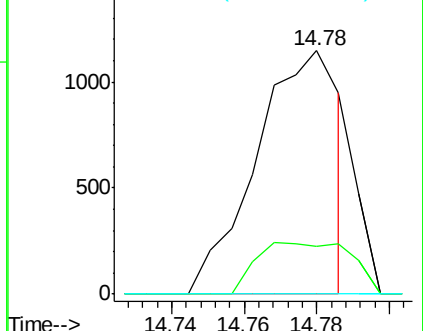
92 0.0 94.2 141.2#

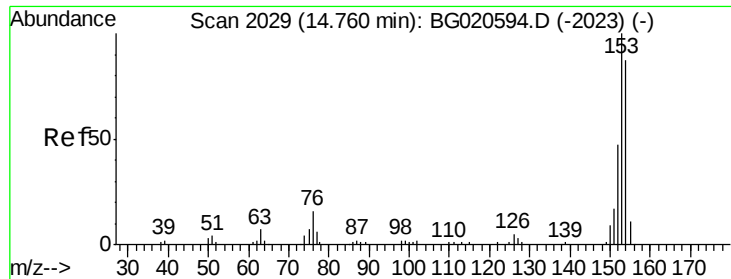


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#50

Acenaphthene

Concen: 353.16 ng/ul

RT: 14.78 min Scan# 2032

Delta R.T. 0.02 min

Lab File: BG020600.D

Acq: 30 Dec 2015 9:25

Instrument :

BNA_G

ClientSampleId :

D9N48

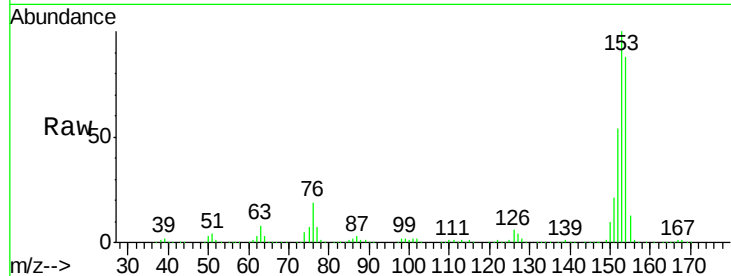
Tot Ion:153 Resp: 1528696

Ion Ratio Lower Upper

153 100

152 53.6 37.9 56.9

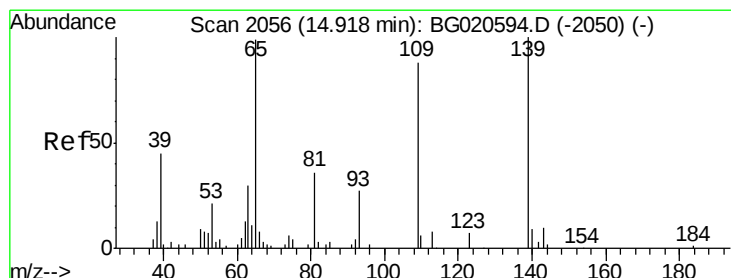
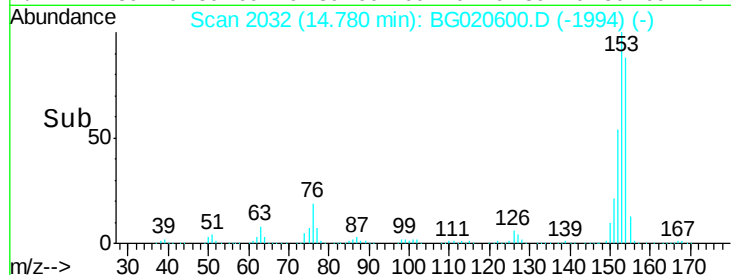
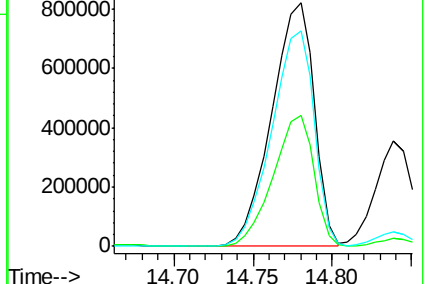
154 88.5 69.8 104.6



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: 0.60 ng/ul

RT: 14.84 min Scan# 2042

Delta R.T. -0.08 min

Lab File: BG020600.D

Acq: 30 Dec 2015 9:25

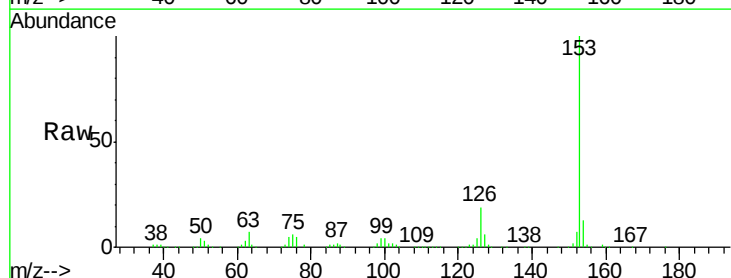
Tgt Ion:109 Resp: 440

Ion Ratio Lower Upper

109 100

139 38.0 91.2 136.8#

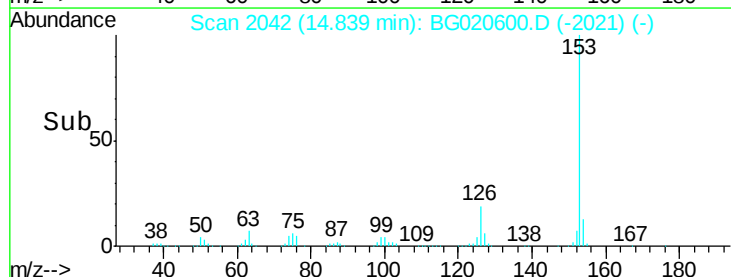
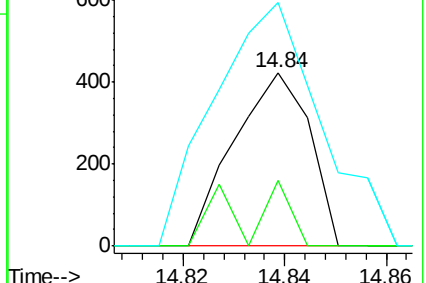
65 140.1 92.6 139.0#

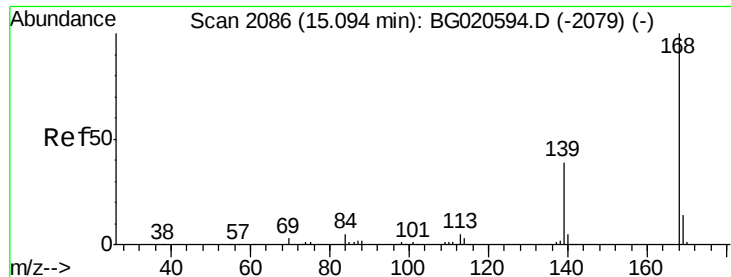


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC





#54

Dibenzenofuran

Concen: 194.98 ng/ul

RT: 15.10 min Scan# 2087

Delta R.T. 0.01 min

Lab File: BG020600.D

Acq: 30 Dec 2015 9:25

Instrument :

BNA_G

ClientSampleId :

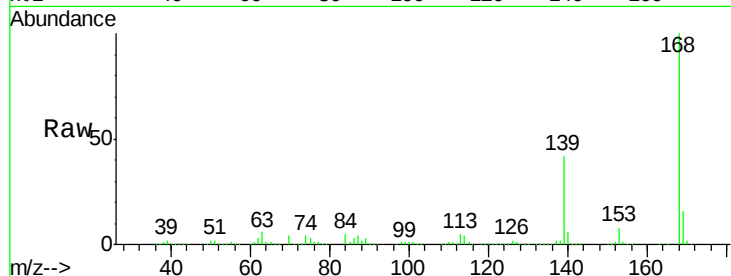
D9N48

Tot Ion:168 Resp: 1275436

Ion Ratio Lower Upper

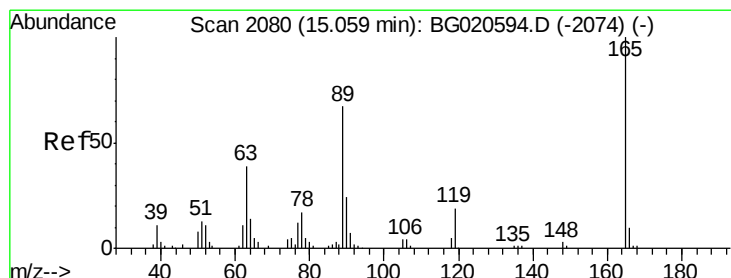
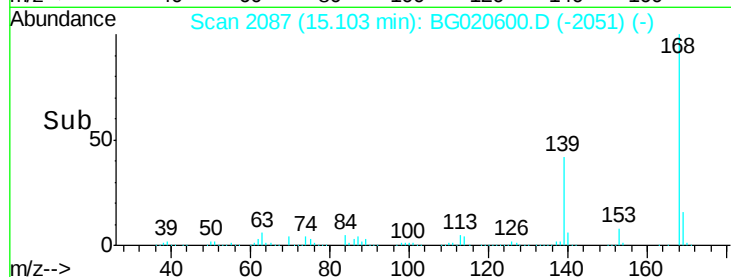
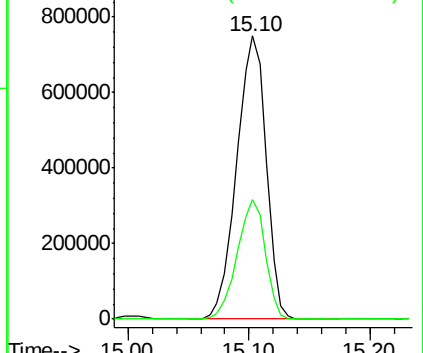
168 100

139 42.3 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 0.52 ng/ul

RT: 15.04 min Scan# 2076

Delta R.T. -0.02 min

Lab File: BG020600.D

Acq: 30 Dec 2015 9:25

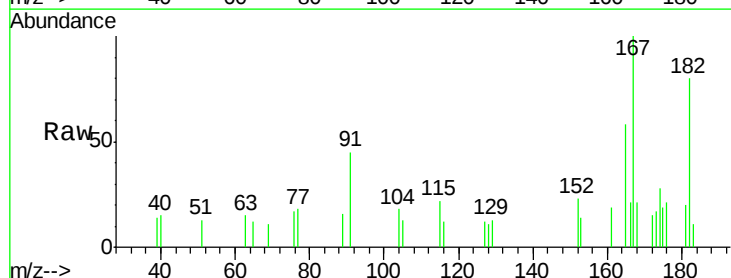
Tgt Ion:165 Resp: 852

Ion Ratio Lower Upper

165 100

63 25.0 31.4 47.0#

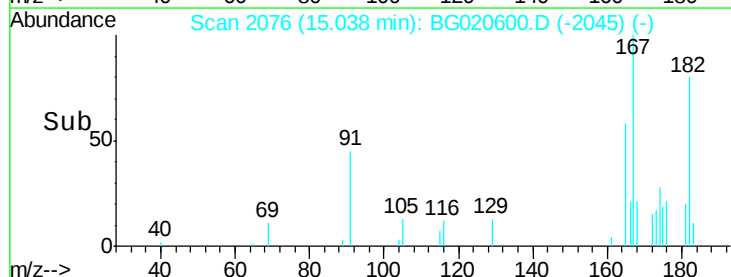
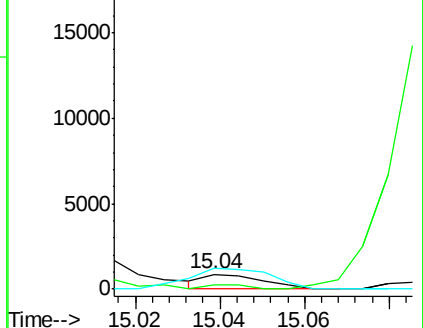
182 138.0 2.7 4.1#

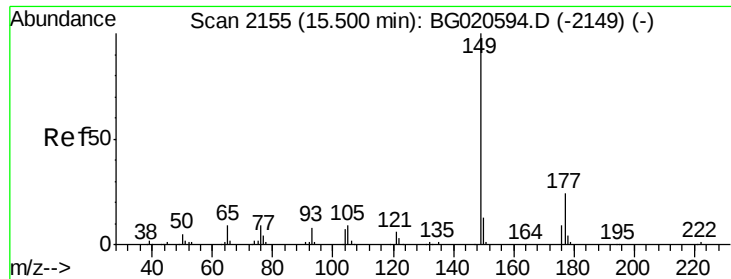


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 182.00 (181.70 to 182.70): E

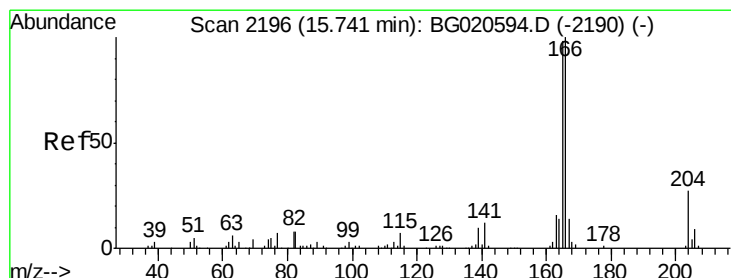
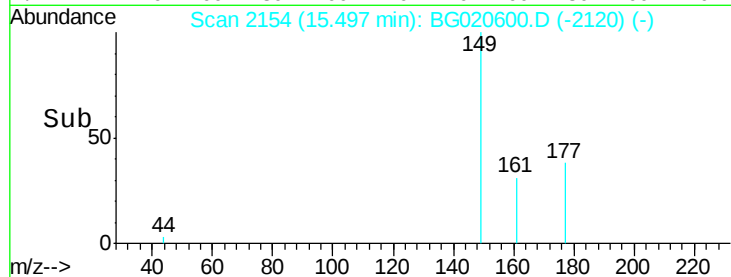
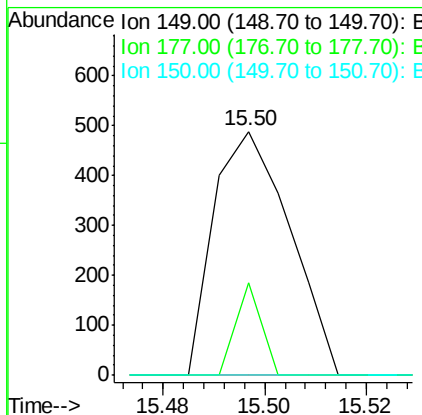
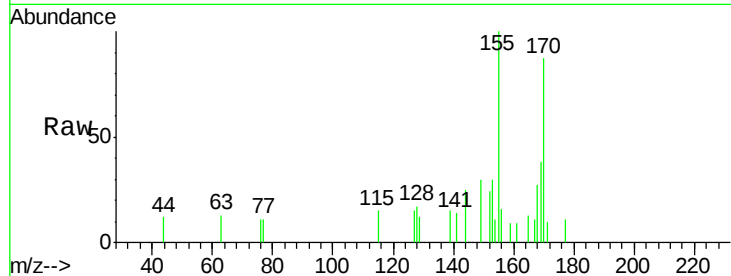




#57
Diethylphthalate
Concen: 0.09 ng/ul
RT: 15.50 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG020600.D
Acq: 30 Dec 2015 9:25

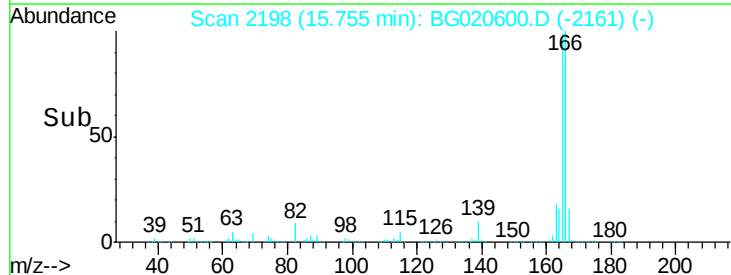
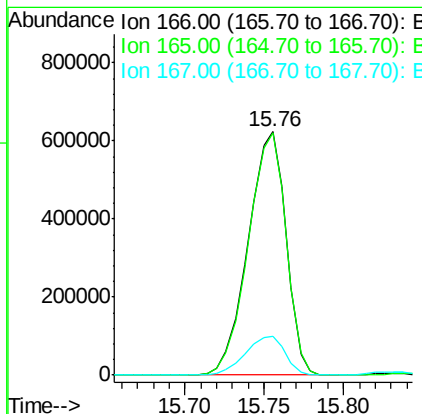
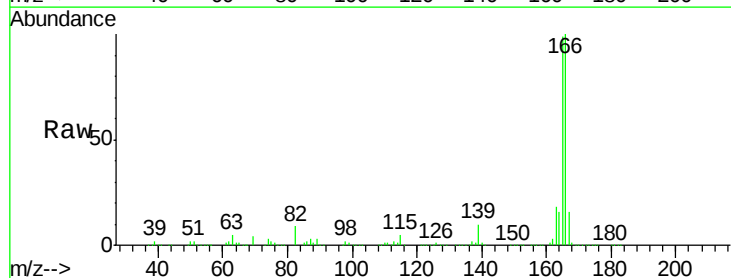
Instrument :
BNA_G
ClientSampleId :
D9N48

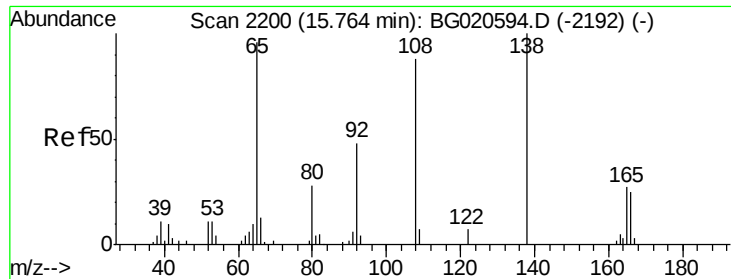
Tot Ion:149 Resp: 507
Ion Ratio Lower Upper
149 100
177 37.7 19.3 28.9#
150 0.0 10.6 15.8#



#59
Fluorene
Concen: 196.60 ng/ul
RT: 15.76 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BG020600.D
Acq: 30 Dec 2015 9:25

Tgt Ion:166 Resp: 1034472
Ion Ratio Lower Upper
166 100
165 99.5 78.4 117.6
167 15.7 11.1 16.7

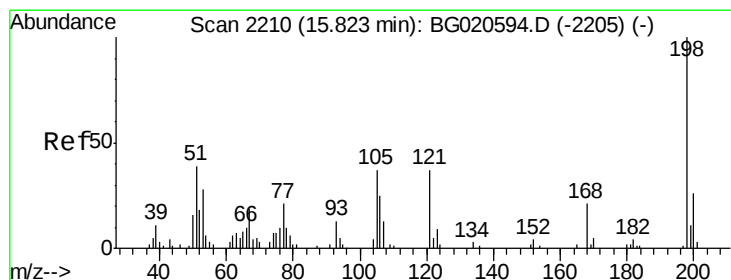
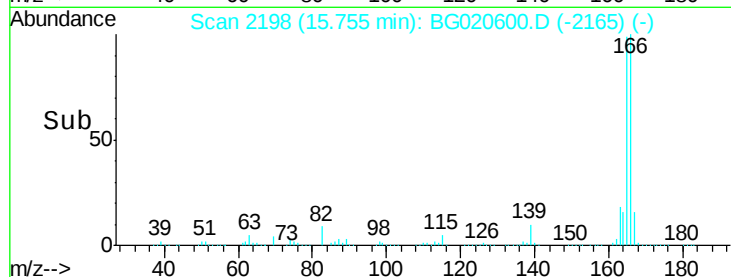
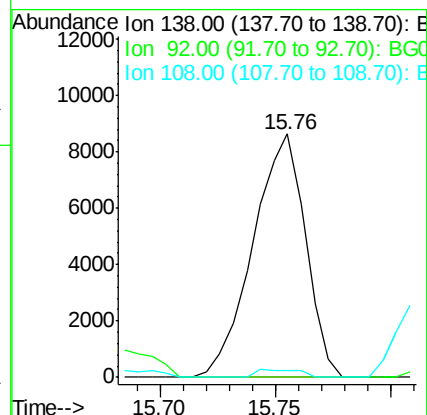
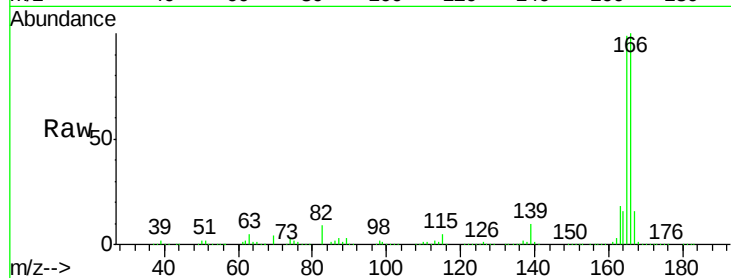




#61
4-Nitroaniline
Concen: 12.21 ng/ul
RT: 15.76 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BG020600.D
Acq: 30 Dec 2015 9:25

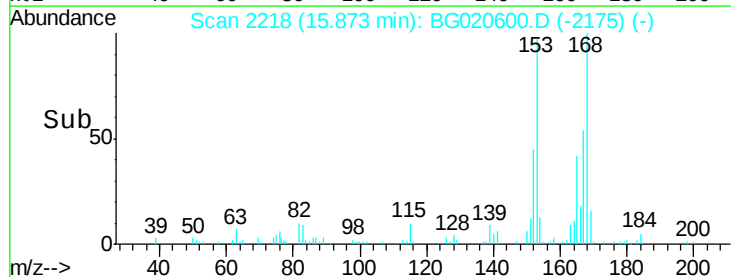
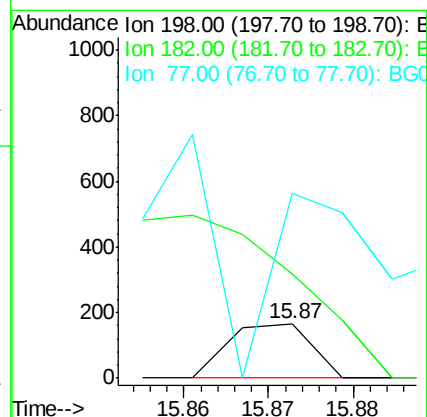
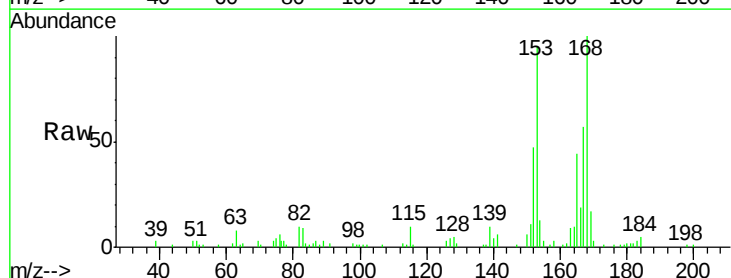
Instrument :
BNA_G
ClientSampleId :
D9N48

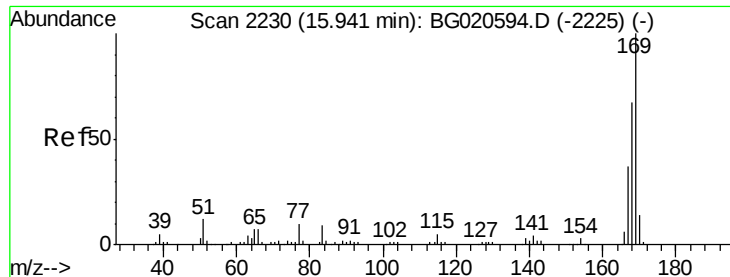
Tot Ion	Ratio	Lower	Upper
138	100		
92	0.0	38.2	57.4#
108	2.9	70.0	105.0#



#64
4,6-Dinitro-2-methylphenol
Concen: 0.11 ng/ul
RT: 15.87 min Scan# 2218
Delta R.T. 0.05 min
Lab File: BG020600.D
Acq: 30 Dec 2015 9:25

Tgt Ion	Ratio	Lower	Upper
198	100		
182	192.2	3.5	5.3#
77	339.2	18.2	27.4#





#65

N-Nitrosodiphenylamine

Concen: 0.63 ng/ul

RT: 15.95 min Scan# 2231

Delta R.T. 0.01 min

Lab File: BG020600.D

Acq: 30 Dec 2015 9:25

Instrument :

BNA_G

ClientSampleId :

D9N48

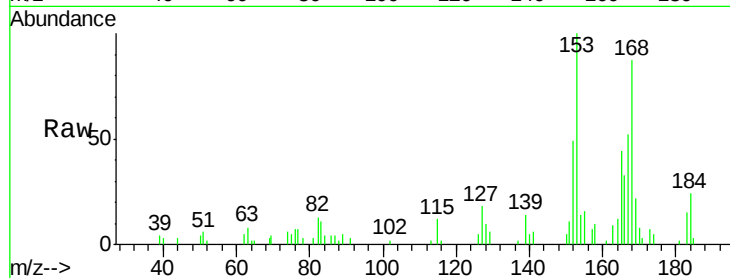
Tot Ion:169 Resp: 2670

Ion Ratio Lower Upper

169 100

168 396.1 53.8 80.8#

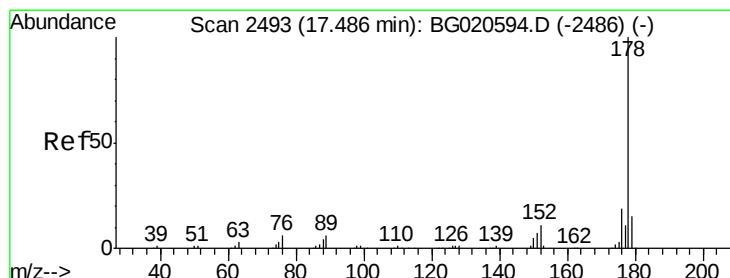
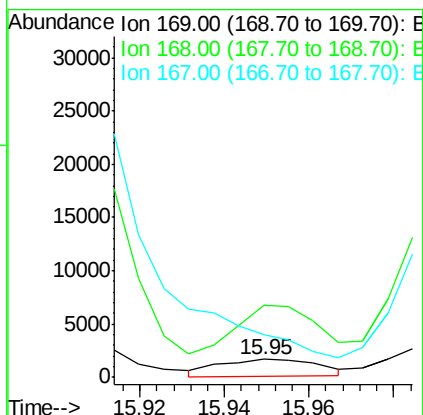
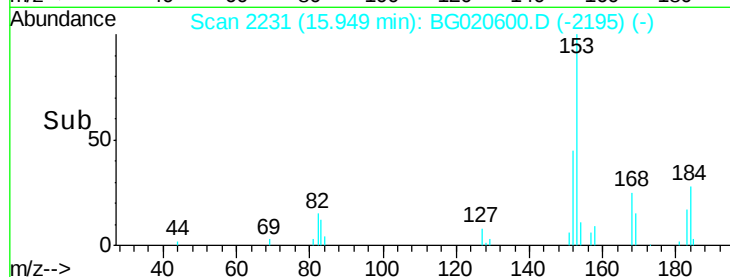
167 238.6 29.5 44.3#



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



#70

Phenanthrene

Concen: 231.61 ng/ul

RT: 17.50 min Scan# 2495

Delta R.T. 0.01 min

Lab File: BG020600.D

Acq: 30 Dec 2015 9:25

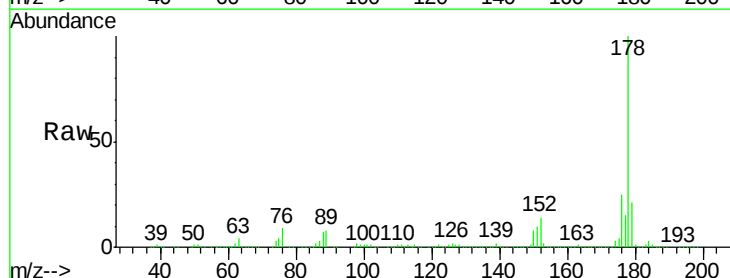
Tgt Ion:178 Resp: 1942503

Ion Ratio Lower Upper

178 100

179 21.0 12.3 18.5#

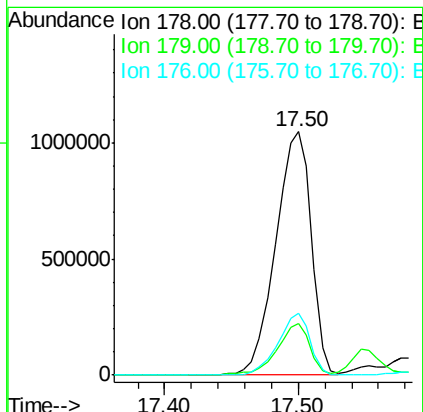
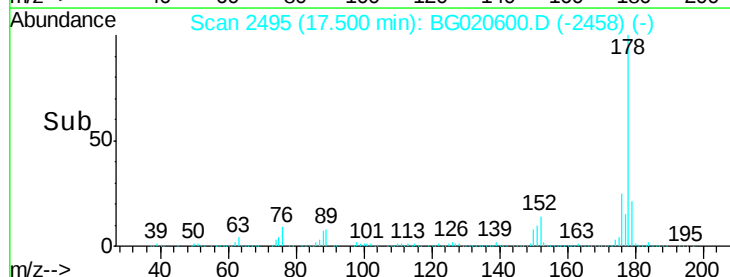
176 25.3 15.4 23.0#

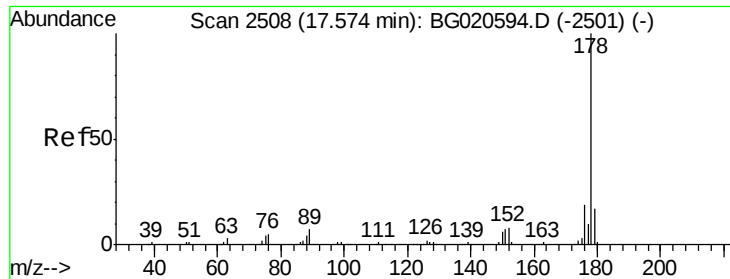


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 13.04 ng/ul

RT: 17.58 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG020600.D

Acq: 30 Dec 2015 9:25

Instrument :

BNA_G

ClientSampled :

D9N48

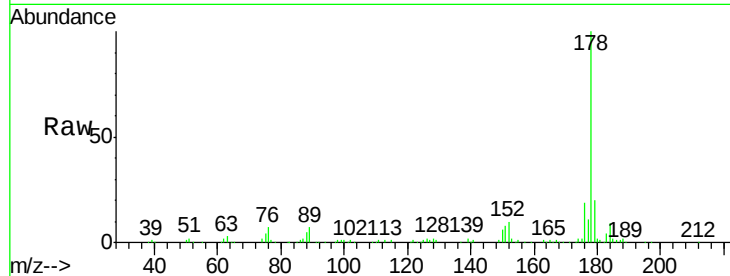
Tot Ion:178 Resp: 111897

Ion Ratio Lower Upper

178 100

179 20.0 13.4 20.2

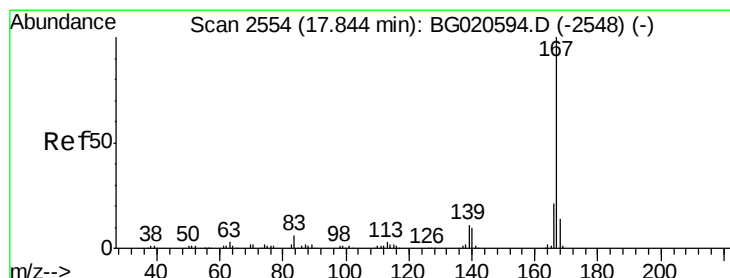
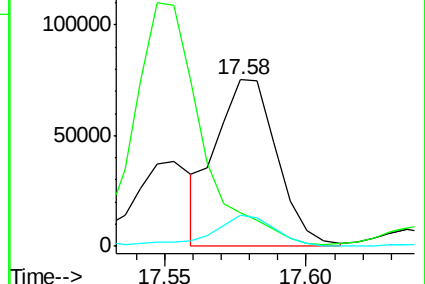
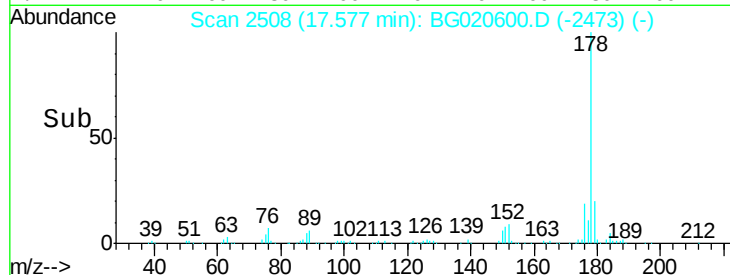
176 18.7 15.4 23.0



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



#75

Carbazole

Concen: 180.90 ng/ul

RT: 17.86 min Scan# 2556

Delta R.T. 0.01 min

Lab File: BG020600.D

Acq: 30 Dec 2015 9:25

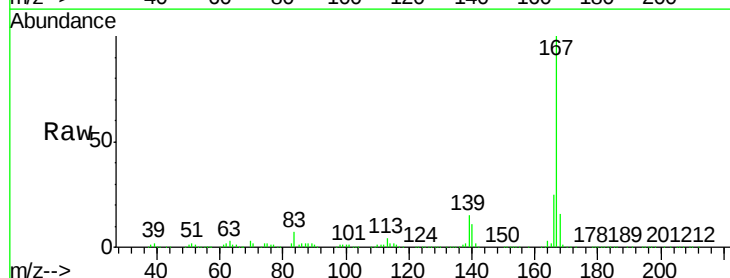
Tgt Ion:167 Resp: 1309519

Ion Ratio Lower Upper

167 100

166 25.0 17.0 25.4

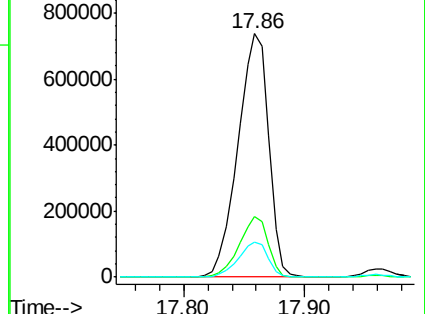
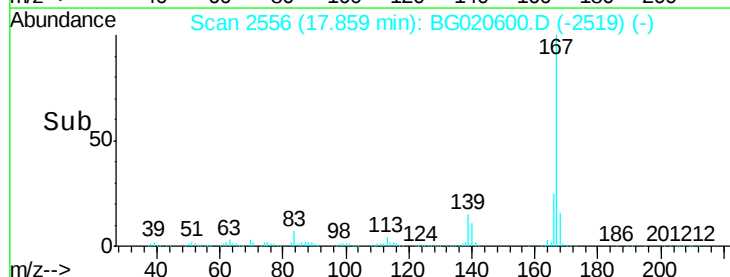
139 14.6 9.1 13.7#

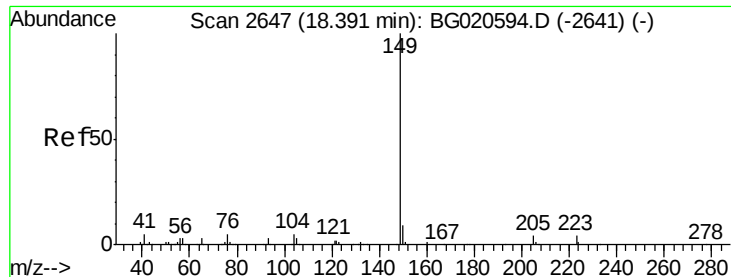


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

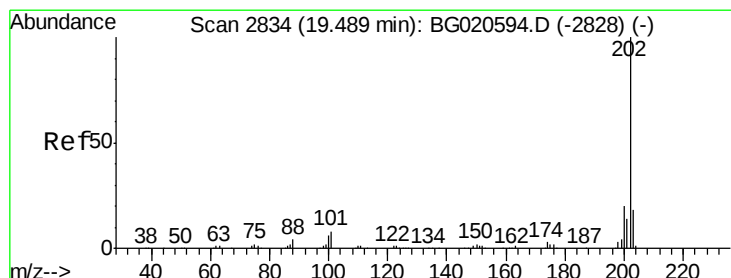
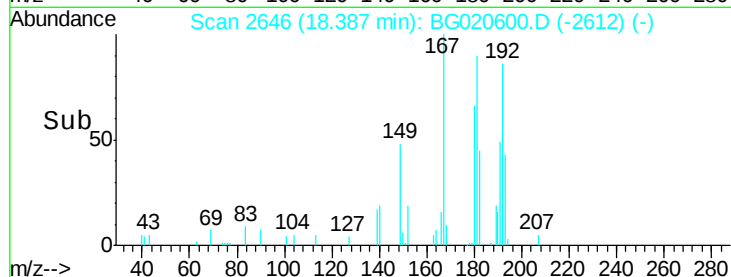
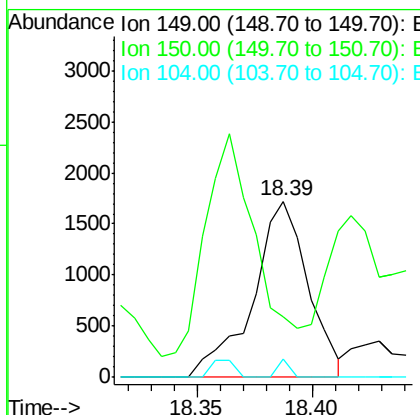
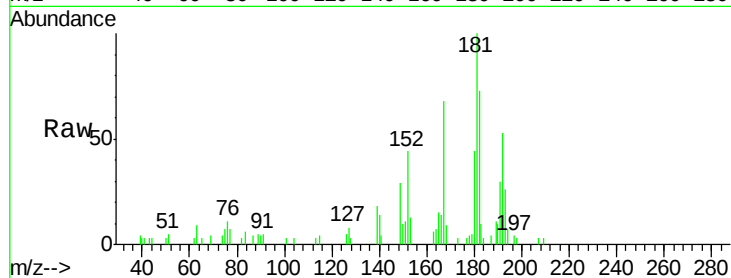




#76
Di-n-butylphthalate
Concen: 0.34 ng/ul
RT: 18.39 min Scan# 2646
Delta R.T. -0.00 min
Lab File: BG020600.D
Acq: 30 Dec 2015 9:25

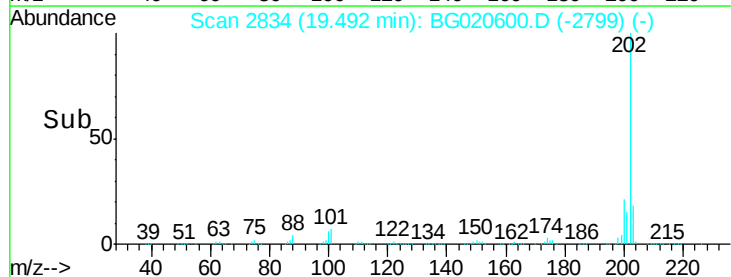
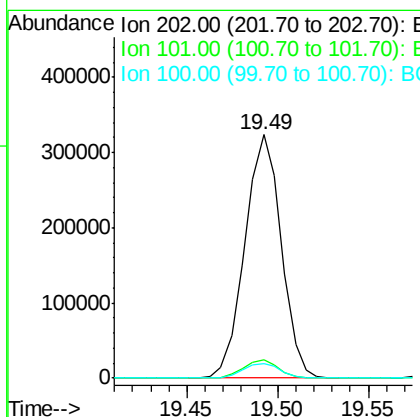
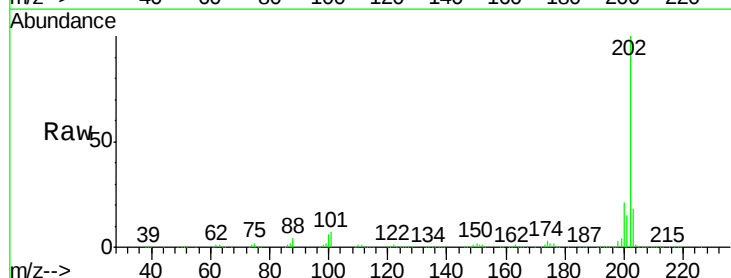
Instrument :
BNA_G
ClientSampleId :
D9N48

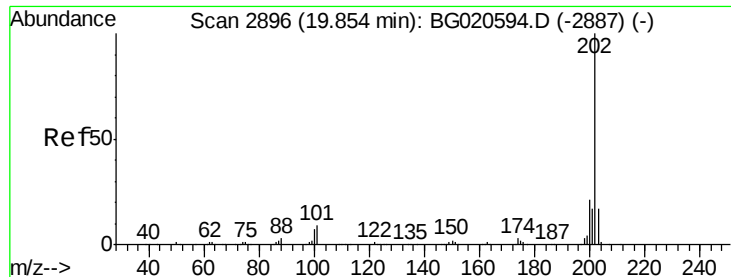
Tot Ion:149 Resp: 2857
Ion Ratio Lower Upper
149 100
150 34.3 7.5 11.3#
104 10.6 4.1 6.1#



#77
Fluoranthene
Concen: 43.88 ng/ul
RT: 19.49 min Scan# 2834
Delta R.T. 0.00 min
Lab File: BG020600.D
Acq: 30 Dec 2015 9:25

Tgt Ion:202 Resp: 449636
Ion Ratio Lower Upper
202 100
101 7.4 6.1 9.1
100 5.8 4.6 7.0





#80

Pvrene

Concen: 25.49 ng/ul

RT: 19.86 min Scan# 2896

Delta R.T. 0.00 min

Lab File: BG020600.D

Acq: 30 Dec 2015 9:25

Instrument :

BNA_G

ClientSampleId :

D9N48

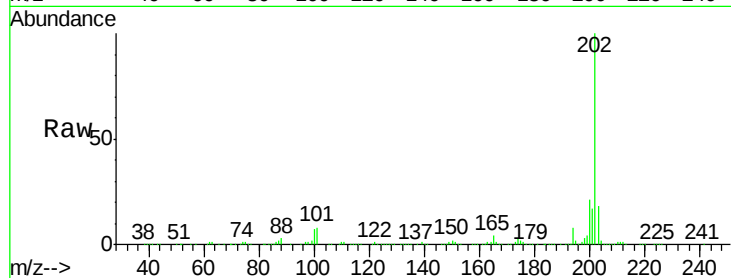
Tot Ion:202 Resp: 271440

Ion Ratio Lower Upper

202 100

101 8.2 6.9 10.3

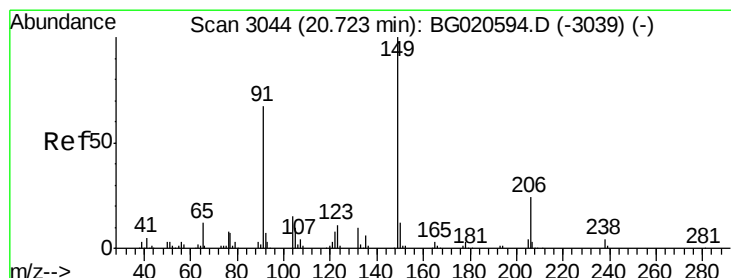
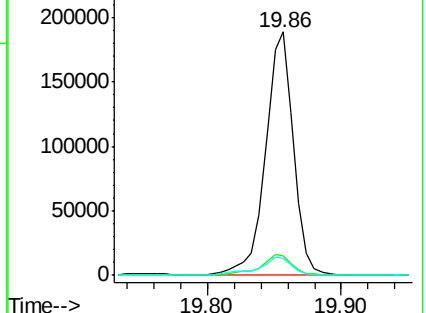
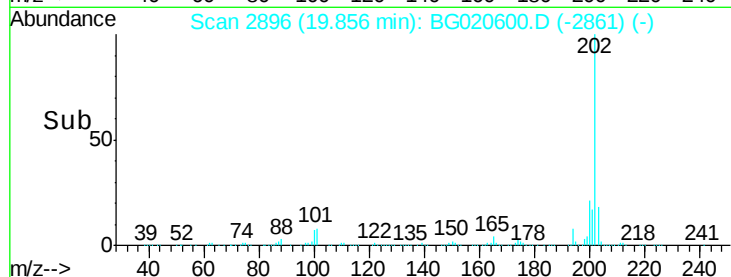
100 7.0 5.6 8.4



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



#81

Butylbenzylphthalate

Concen: 0.12 ng/ul

RT: 20.73 min Scan# 3044

Delta R.T. 0.00 min

Lab File: BG020600.D

Acq: 30 Dec 2015 9:25

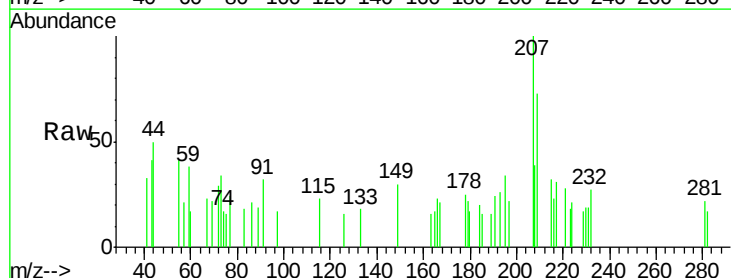
Tgt Ion:149 Resp: 444

Ion Ratio Lower Upper

149 100

91 107.8 53.4 80.0#

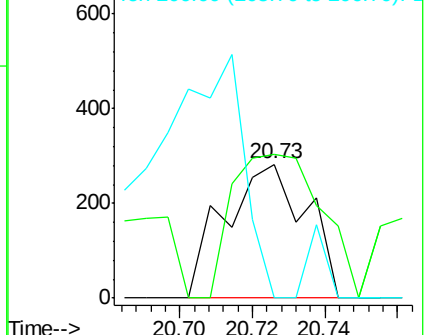
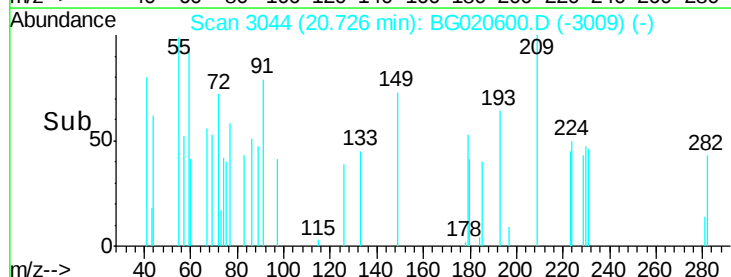
206 0.0 19.3 28.9#

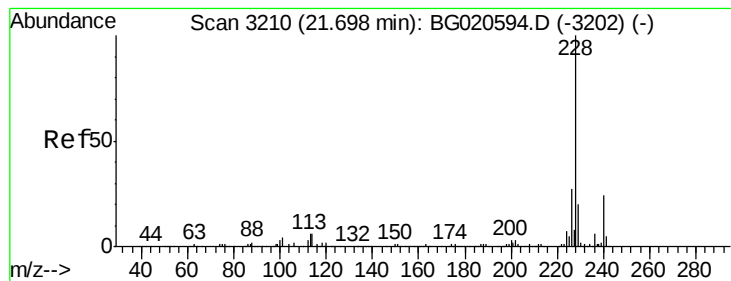


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





#83

Benzo(a)anthracene

Concen: 2.29 ng/ul

RT: 21.70 min Scan# 3209

Delta R.T. -0.00 min

Lab File: BG020600.D

Acq: 30 Dec 2015 9:25

Instrument :

BNA_G

ClientSampleId :

D9N48

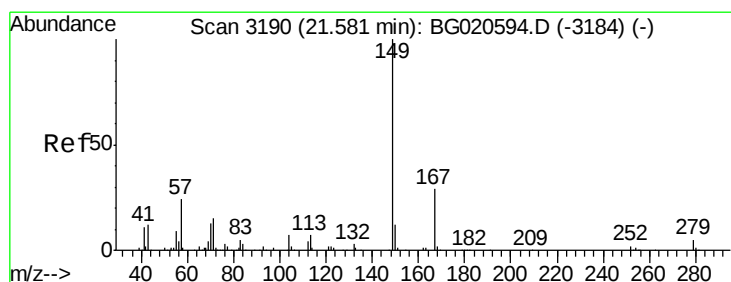
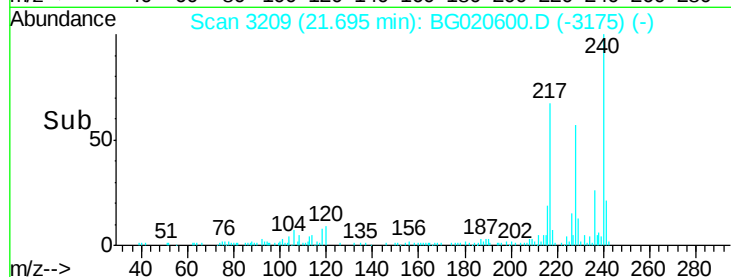
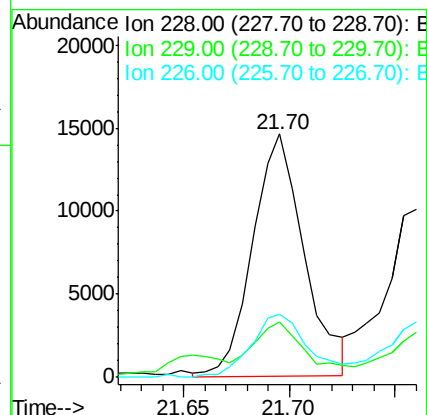
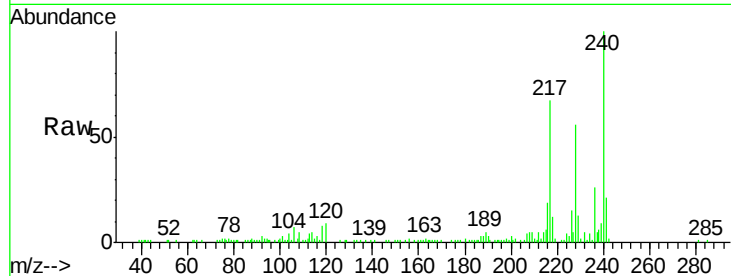
Tot Ion:228 Resp: 24630

Ion Ratio Lower Upper

228 100

229 22.7 16.0 24.0

226 25.9 21.8 32.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.12 ng/ul

RT: 21.58 min Scan# 3189

Delta R.T. -0.00 min

Lab File: BG020600.D

Acq: 30 Dec 2015 9:25

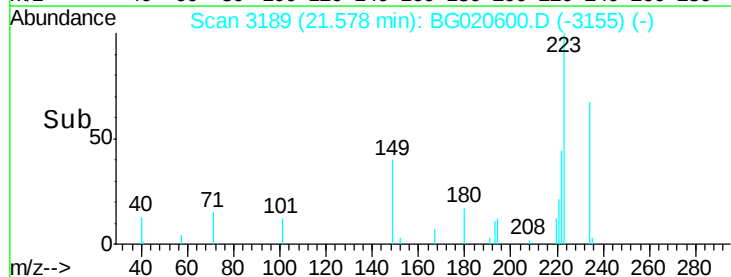
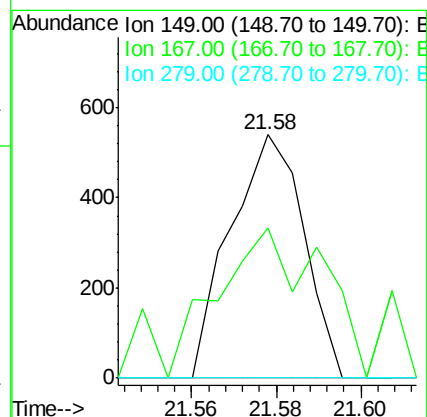
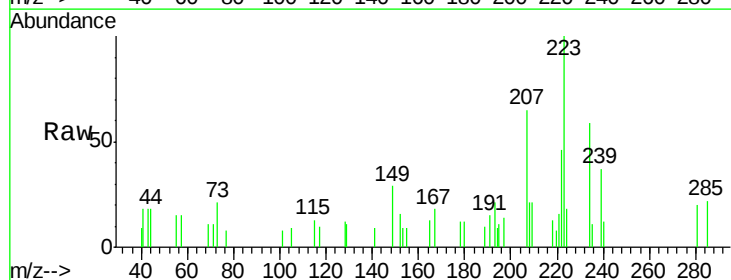
Tgt Ion:149 Resp: 651

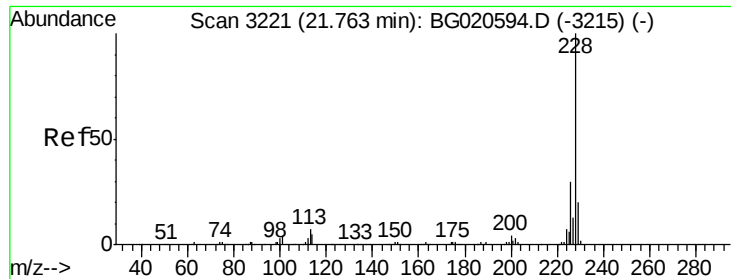
Ion Ratio Lower Upper

149 100

167 61.5 23.0 34.6#

279 0.0 4.3 6.5#

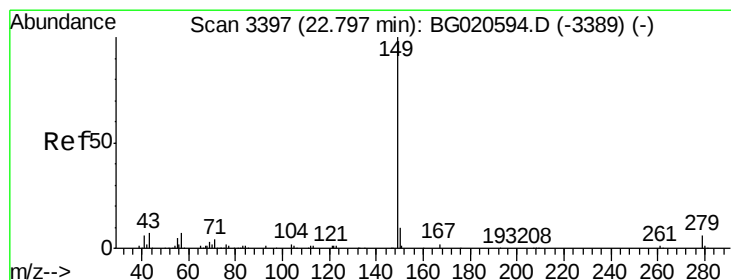
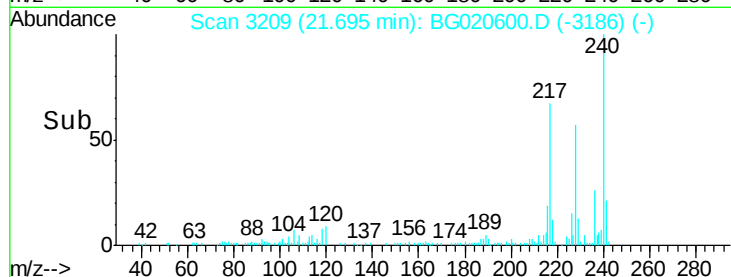
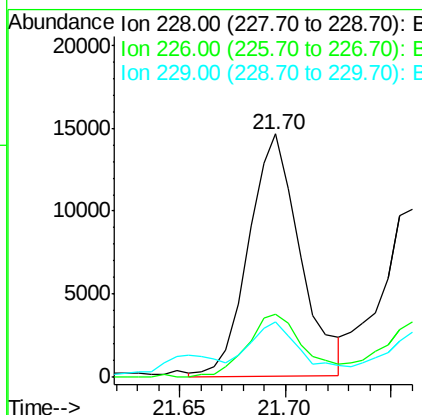
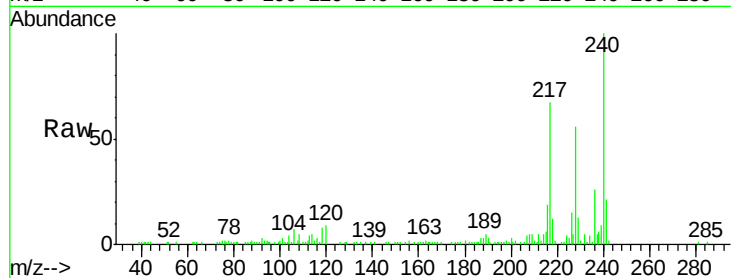




#85
 Chrvsene
 Concen: 2.43 ng/ul
 RT: 21.70 min Scan# 3209
 Delta R.T. -0.07 min
 Lab File: BG020600.D
 Acq: 30 Dec 2015 9:25

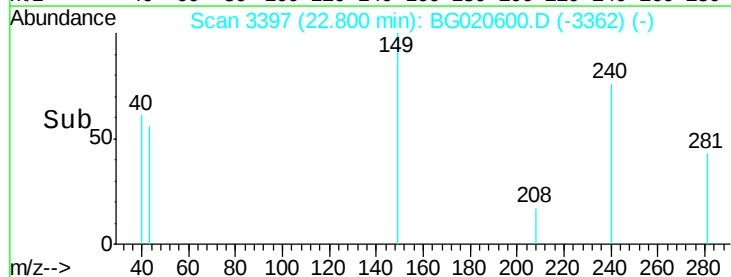
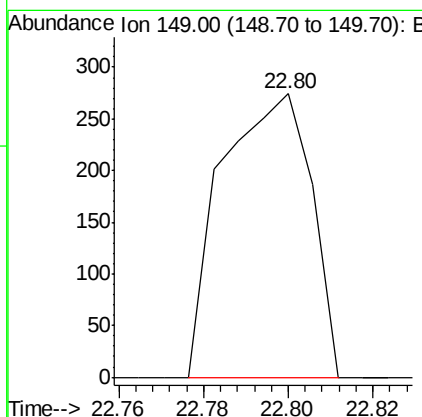
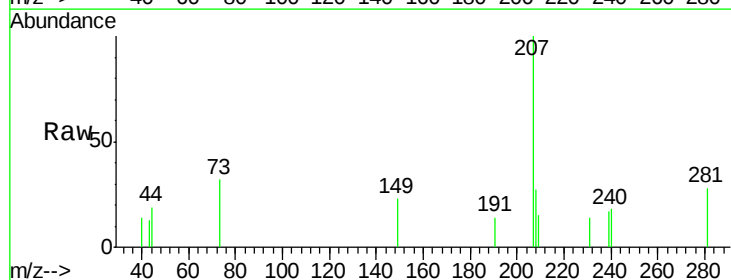
Instrument :
 BNA_G
 ClientSampleId :
 D9N48

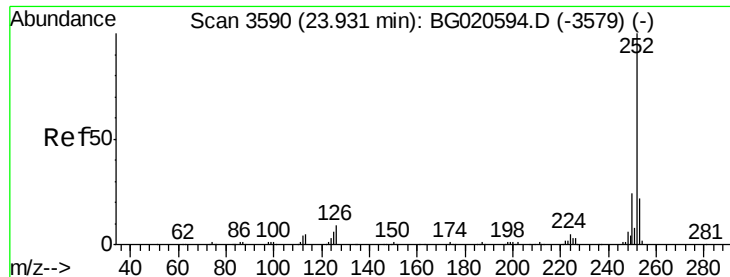
Tot Ion:228 Resp: 24630
 Ion Ratio Lower Upper
 228 100
 226 25.9 24.1 36.1
 229 22.7 16.0 24.0



#87
 Di-n-octyl phthalate
 Concen: 0.04 ng/ul
 RT: 22.80 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: BG020600.D
 Acq: 30 Dec 2015 9:25

Tgt Ion:149 Resp: 403





#88

Benzo(b)fluoranthene

Concen: 0.71 ng/ul

RT: 23.94 min Scan# 3591

Delta R.T. 0.01 min

Lab File: BG020600.D

Acq: 30 Dec 2015 9:25

Instrument :

BNA_G

ClientSampleId :

D9N48

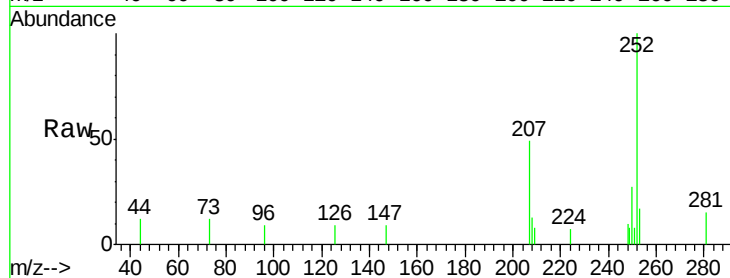
Tot Ion:252 Resp: 7615

Ion Ratio Lower Upper

252 100

253 17.3 17.4 26.0#

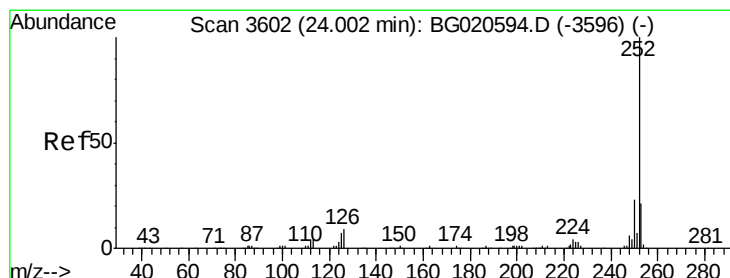
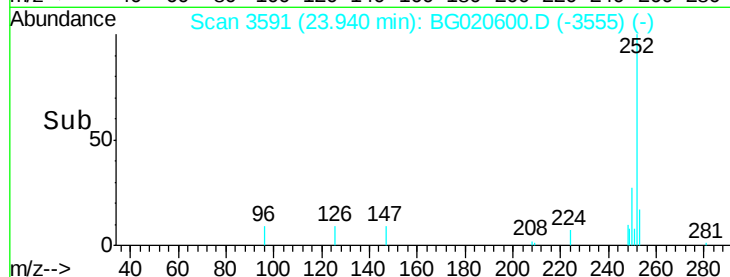
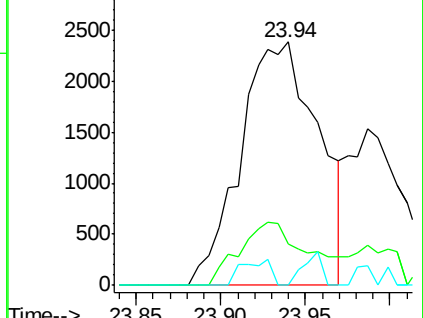
125 8.9 4.9 7.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 0.24 ng/ul

RT: 23.99 min Scan# 3599

Delta R.T. -0.01 min

Lab File: BG020600.D

Acq: 30 Dec 2015 9:25

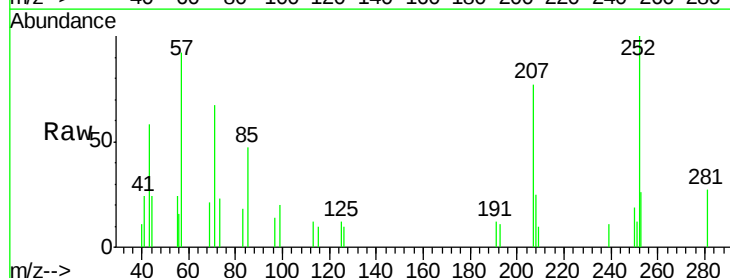
Tgt Ion:252 Resp: 2518

Ion Ratio Lower Upper

252 100

253 25.8 17.1 25.7#

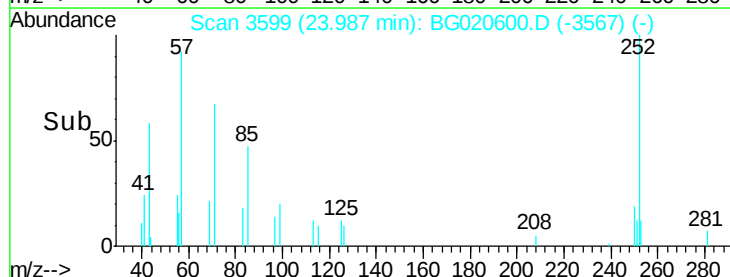
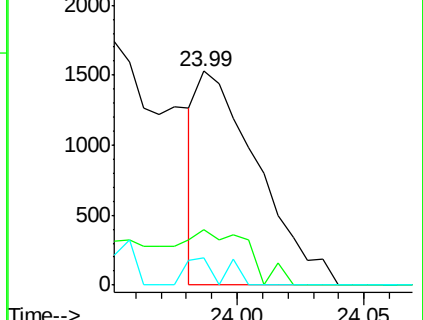
125 12.5 5.4 8.0#

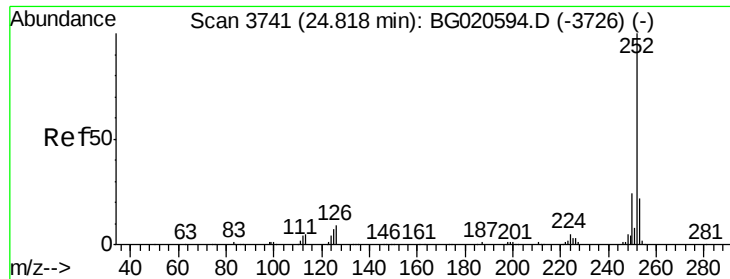


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 0.45 ng/ul

RT: 24.81 min Scan# 3739

Delta R.T. -0.01 min

Lab File: BG020600.D

Acq: 30 Dec 2015 9:25

Instrument :

BNA_G

ClientSampleId :

D9N48

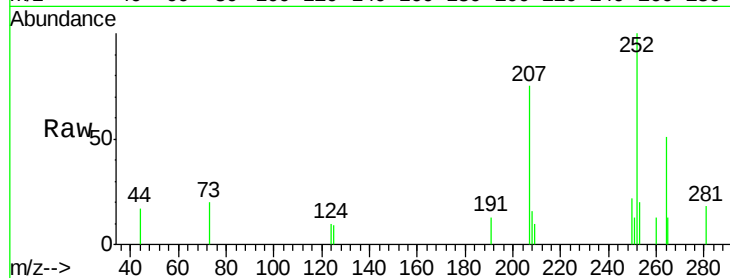
Tot Ion:252 Resp: 4679

Ion Ratio Lower Upper

252 100

253 20.2 17.2 25.8

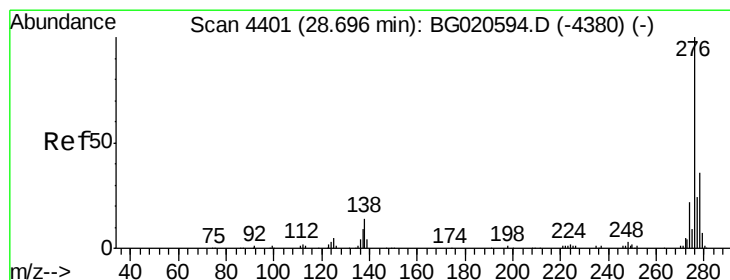
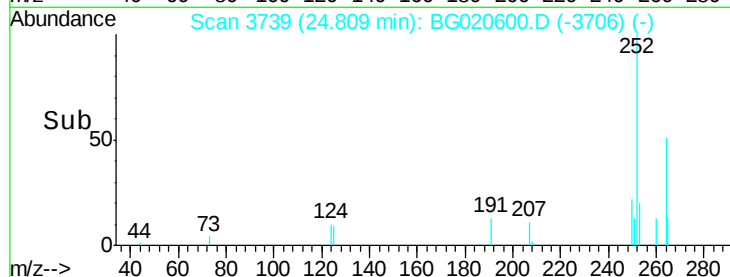
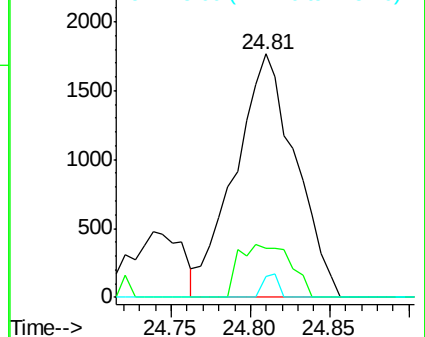
125 8.5 5.8 8.6



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 0.02 ng/ul

RT: 28.69 min Scan# 4399

Delta R.T. -0.01 min

Lab File: BG020600.D

Acq: 30 Dec 2015 9:25

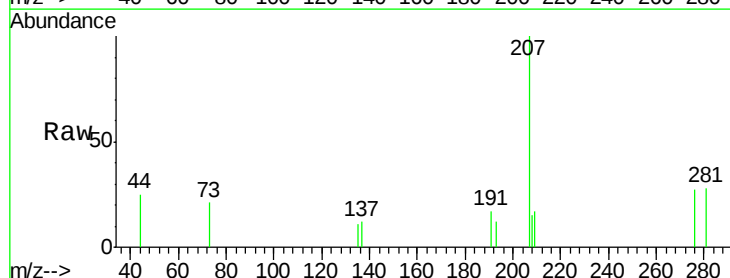
Tgt Ion:276 Resp: 262

Ion Ratio Lower Upper

276 100

138 0.0 10.9 16.3#

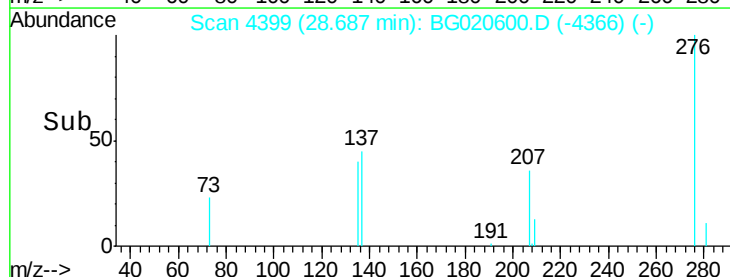
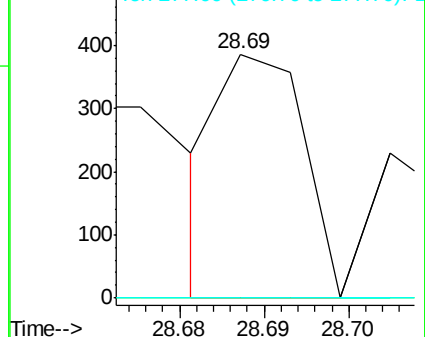
277 0.0 18.9 28.3#

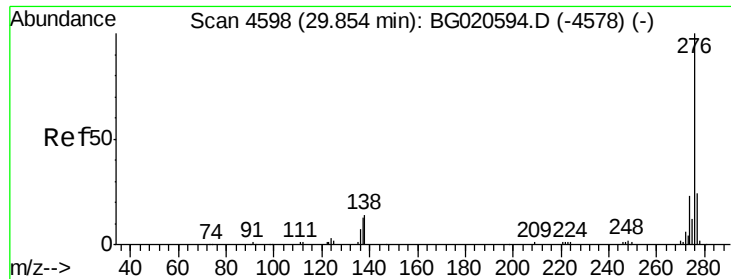


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 0.04 ng/ul

RT: 29.83 min Scan# 4594

Delta R.T. -0.02 min

Lab File: BG020600.D

Acq: 30 Dec 2015 9:25

Instrument :

BNA_G

ClientSampleId :

D9N48

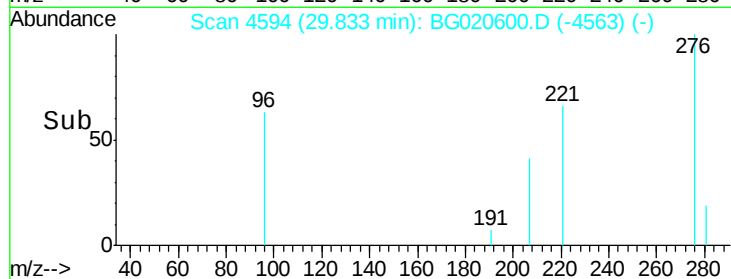
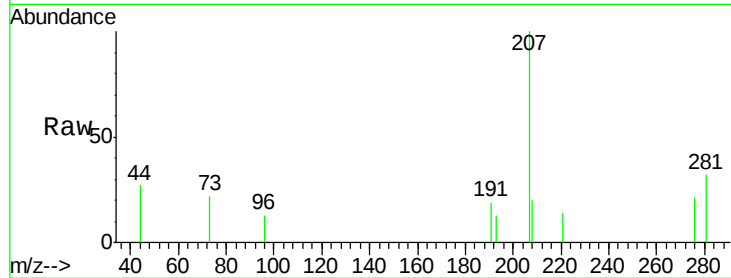
Tot Ion: 276 Resp: 391

Ion Ratio Lower Upper

276 100

138 0.0 11.2 16.8#

277 0.0 19.0 28.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

