

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062016\
 Data File : BG022450.D
 Acq On : 20 Jun 2016 21:00
 Operator : UM/SJ
 Sample : H3679-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-36

Quant Time: Jun 21 02:12:18 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	101588	20.00	ng	0.22
21) Naphthalene-d8	11.19	136	360	20.00	ng	0.29
38) Acenaphthene-d10	15.04	164	75	20.00	ng	0.31
63) Phenanthrene-d10	17.83	188	60	20.00	ng	0.36
75) Chrysene-d12	22.19	240	60	20.00	ng	0.45
86) Perylene-d12	25.53	264	56	20.00	ng	0.52

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	84539	16.09	ng	-0.09
7) Phenol-d6	7.17	99	69512	8.41	ng	-0.08
23) Nitrobenzene-d5	9.51	82	661	128.01	ng	0.25
41) 2,4,6-Tribromophenol	16.31	330	113	133.34	ng	0.09
44) 2-Fluorobiphenyl	13.60	172	94	19.10	ng	0.26
78) Terphenyl-d14	20.45	244	75	29.68	ng	0.39

Target Compounds

						Qvalue
19) n-Nitroso-di-n-propylamine	9.16	70	18527	3.31	ng	# 60
22) Acetophenone	9.21	105	184	23.72	ng	# 47
24) Nitrobenzene	9.57	77	450	86.66	ng	# 43
25) Isophorone	10.08	82	294	24.34	ng	# 1
26) 2-Nitrophenol	10.41	139	55	19.53	ng	# 1
27) 2,4-Dimethylphenol	10.35	122	134	26.29	ng	# 1
28) bis(2-Chloroethoxy)methane	10.61	93	62	8.96	ng	# 1
29) 2,4-Dichlorophenol	10.86	162	192	40.67	ng	# 25
31) Naphthalene	11.23	128	123	6.84	ng	# 71
32) Benzoic acid	10.35	122	134	65.34	ng	# 93
33) 4-Chloroaniline	11.52	127	112	14.99	ng	# 1
35) Caprolactam	12.29	113	58	22.39	ng	# 1
36) 4-Chloro-3-methylphenol	12.51	107	123	21.98	ng	# 22
37) 2-Methylnaphthalene	12.69	142	7367	555.34	ng	# 99
45) 1,1'-Biphenyl	13.96	154	268	47.48	ng	# 1
46) 2-Chloronaphthalene	13.87	162	54	12.48	ng	# 1
47) 2-Nitroaniline	14.09	65	98	94.99	ng	# 95
48) Acenaphthylene	14.77	152	316	41.63	ng	# 1
49) Dimethylphthalate	14.47	163	1734	278.84	ng	# 77
50) 2,6-Dinitrotoluene	14.63	165	10026	7416.51	ng	# 24
51) Acenaphthene	15.10	154	455	100.04	ng	# 33
52) 3-Nitroaniline	14.99	138	59	39.35	ng	# 1
55) 4-Nitrophenol	15.29	139	251	242.56	ng	# 25
56) 2,4-Dinitrotoluene	15.40	165	127	70.04	ng	# 21
57) Fluorene	16.12	166	6209	1015.45	ng	# 80
59) Diethylphthalate	15.86	149	73	10.99	ng	# 60
61) 4-Nitroaniline	16.14	138	54	33.96	ng	# 1
62) Azobenzene	16.38	77	155	30.81	ng	# 36
64) 4,6-Dinitro-2-methylphenol	16.13	198	156	459.77	ng	# 80
65) n-Nitrosodiphenylamine	16.28	169	195	112.82	ng	# 20
68) Atrazine	17.39	200	54	84.40	ng	# 36
70) Phenanthrene	17.93	178	66	20.25	ng	# 1
71) Anthracene	17.93	178	66	20.42	ng	# 1
72) Carbazole	18.22	167	57	18.62	ng	# 1

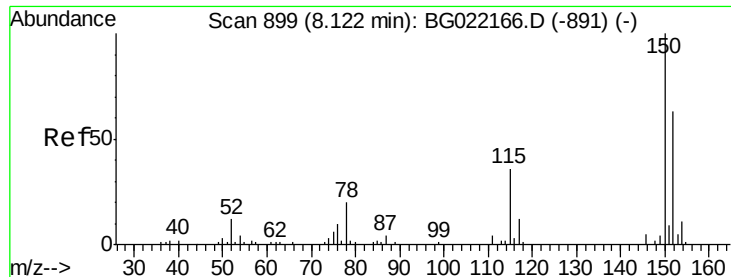
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062016\
Data File : BG022450.D
Acq On : 20 Jun 2016 21:00
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Di-n-butylphthalate	18.77	149	318	79.46	ng	# 78
74) Fluoranthene	19.87	202	115	30.70	ng	64
76) Benzidine	19.98	184	8822	5622.64	ng	# 95
77) Pyrene	20.39	202	54	14.48	ng	# 55
79) Butylbenzylphthalate	21.20	149	79	45.67	ng	# 1
83) Bis(2-ethylhexyl)phthalate	22.05	149	201	79.01	ng	# 52
84) Di-n-octyl phthalate	23.29	149	145	34.33	ng	# 1

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

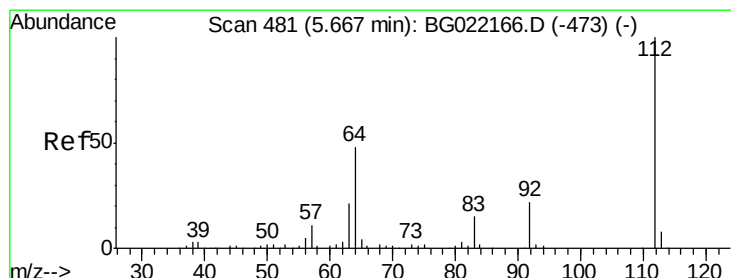
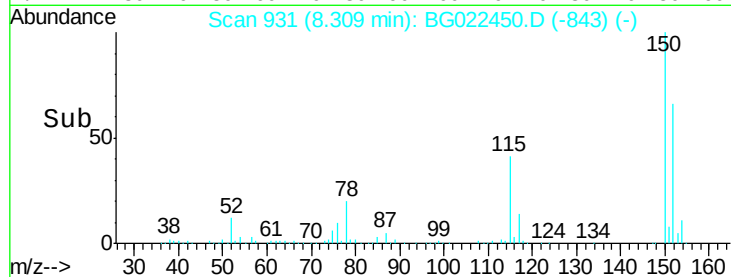
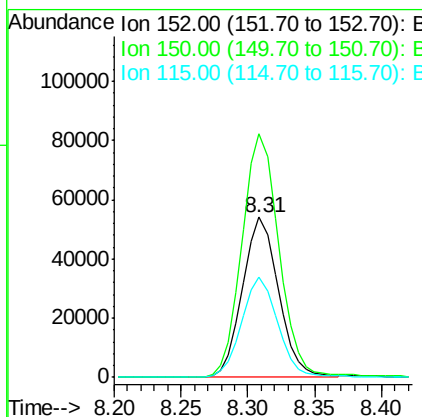
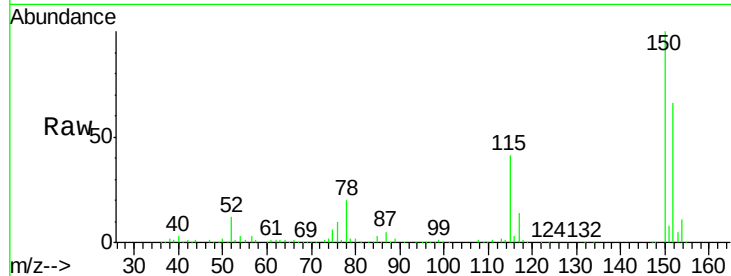


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.31 min Scan# 931
 Delta R.T. 0.22 min
 Lab File: BG022450.D
 Acq: 20 Jun 2016 21:00

Instrument :
 BNA_G
 ClientSampleId :
 W-36

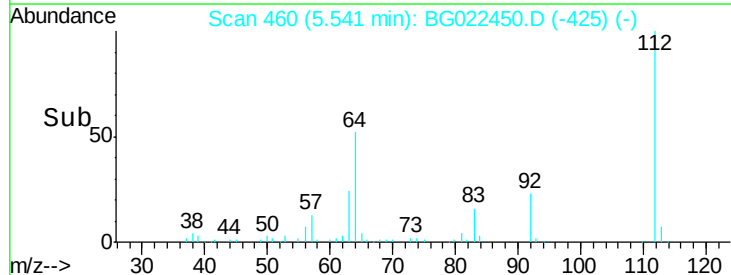
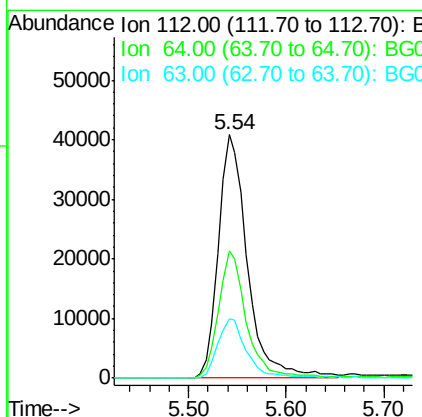
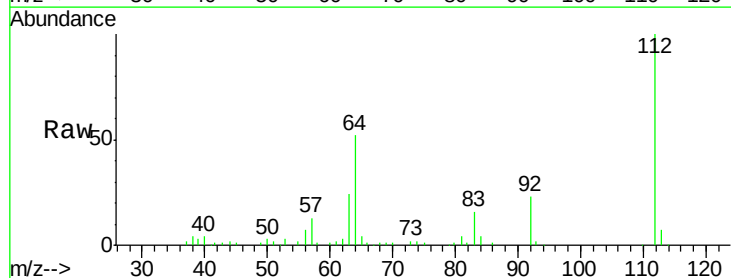
Tgt Ion:152 Resp: 101588
 Ion Ratio Lower Upper
 152 100
 150 152.1 130.1 195.1
 115 62.8 62.2 93.2

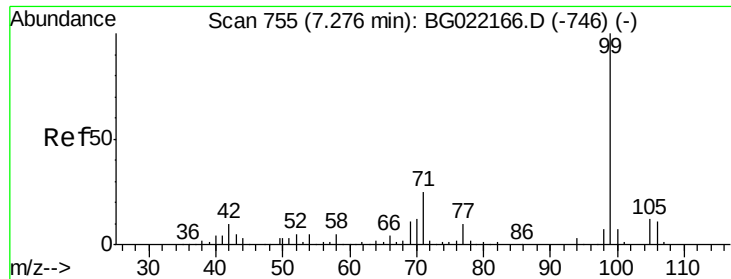


#5

2-Fluorophenol
 Concen: 16.09 ng
 RT: 5.54 min Scan# 460
 Delta R.T. -0.09 min
 Lab File: BG022450.D
 Acq: 20 Jun 2016 21:00

Tgt Ion:112 Resp: 84539
 Ion Ratio Lower Upper
 112 100
 64 52.3 51.1 76.7
 63 24.1 24.6 37.0#





#7

Phenol-d6

Concen: 8.41 ng

RT: 7.17 min Scan# 738

Delta R.T. -0.08 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

Instrument :

BNA_G

ClientSampleId :

W-36

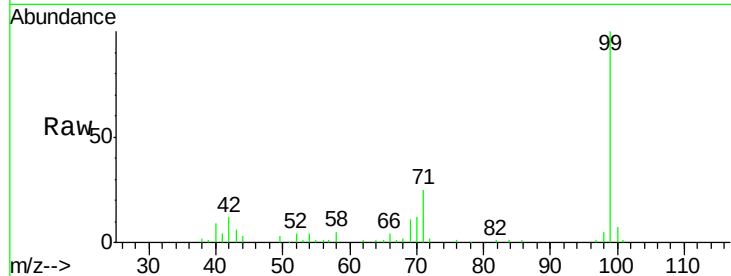
Tgt Ion: 99 Resp: 69512

Ion Ratio Lower Upper

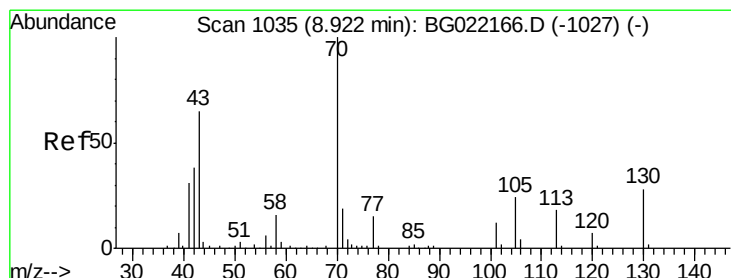
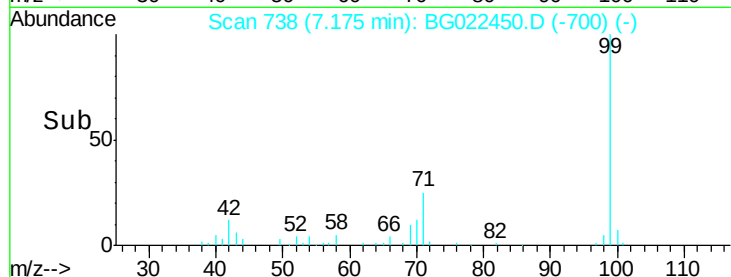
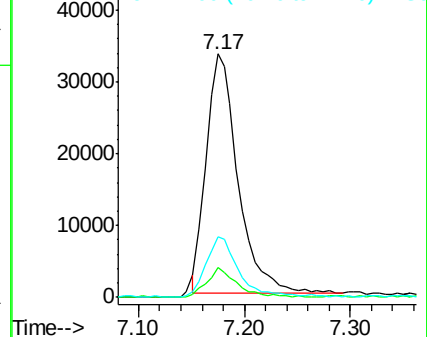
99 100

42 12.0 16.4 24.6#

71 24.8 25.0 37.4#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 3.31 ng

RT: 9.16 min Scan# 1076

Delta R.T. 0.27 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

Tgt Ion: 70 Resp: 18527

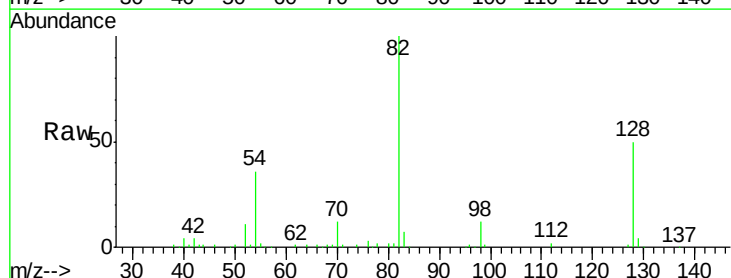
Ion Ratio Lower Upper

70 100

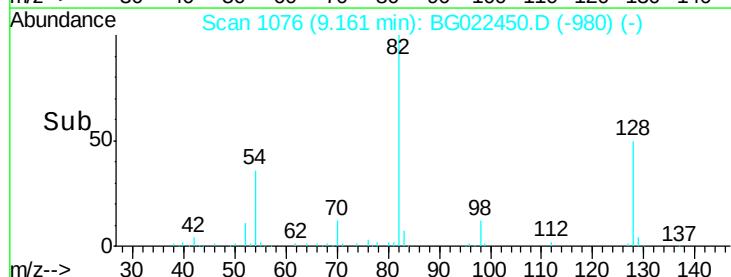
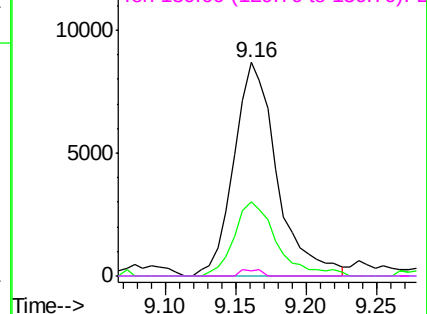
42 34.7 56.7 85.1#

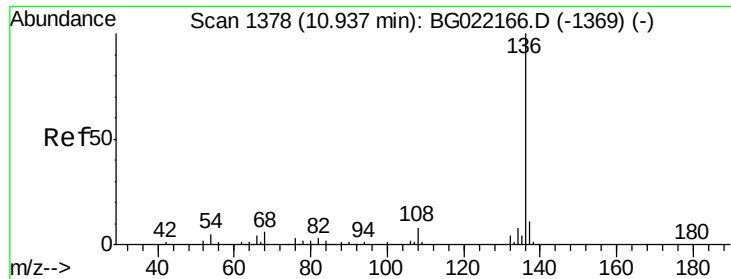
101 0.0 8.2 12.4#

130 2.7 14.0 21.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.19 min Scan# 1422

Delta R.T. 0.29 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

Instrument :

BNA_G

ClientSampled :

W-36

Tgt Ion:136 Resp: 360

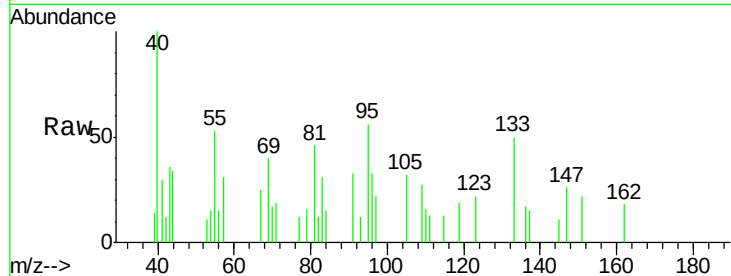
Ion Ratio Lower Upper

136 100

137 85.1 9.0 13.4#

54 88.1 9.6 14.4#

68 0.0 6.4 9.6#



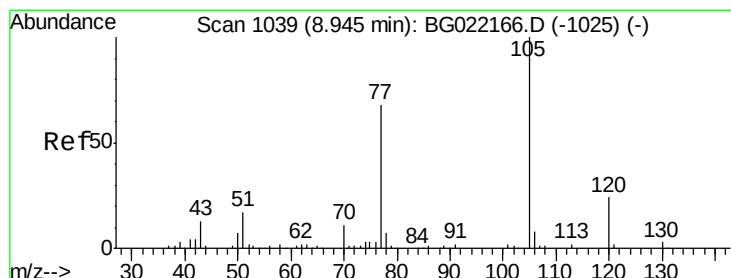
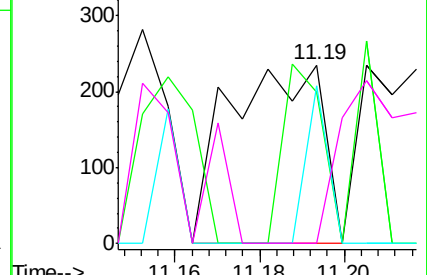
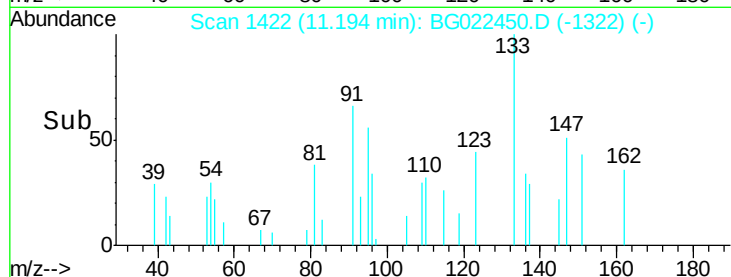
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

Time-->



#22

Acetophenone

Concen: 23.72 ng

RT: 9.21 min Scan# 1085

Delta R.T. 0.29 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

Tgt Ion:105 Resp: 184

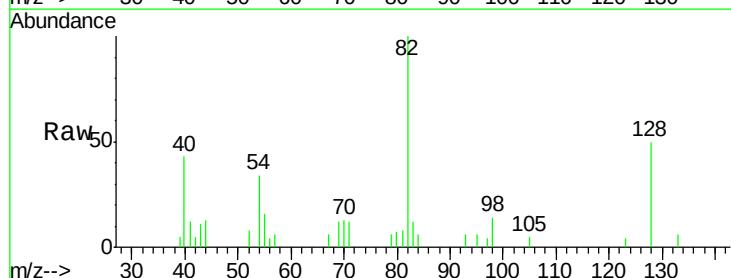
Ion Ratio Lower Upper

105 100

71 227.4 0.0 0.0#

51 0.0 25.7 38.5#

120 0.0 17.0 25.6#



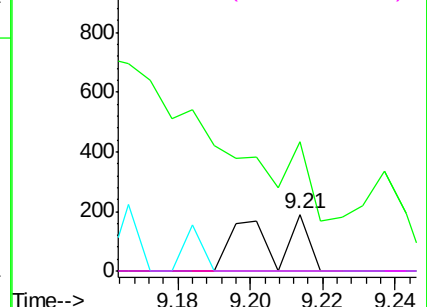
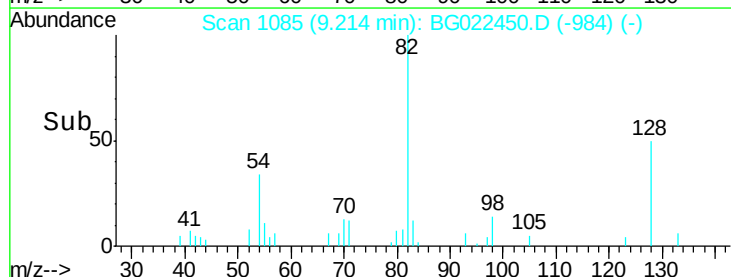
Abundance Ion 105.00 (104.70 to 105.70): E

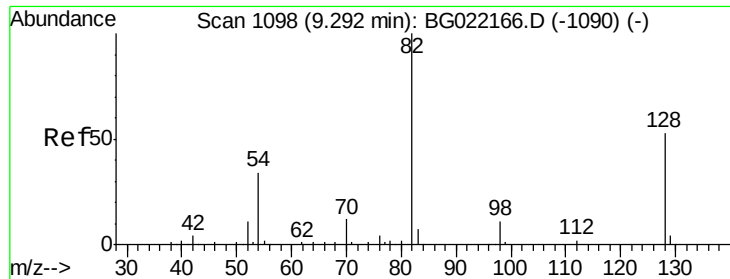
Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

Time-->

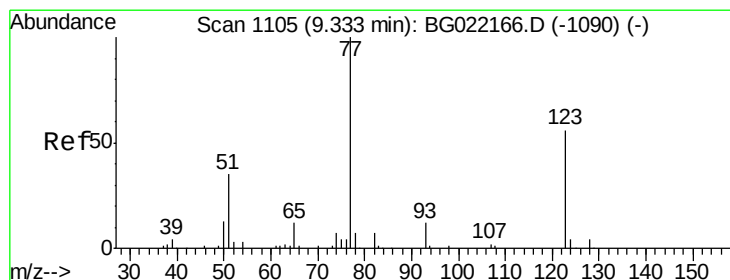
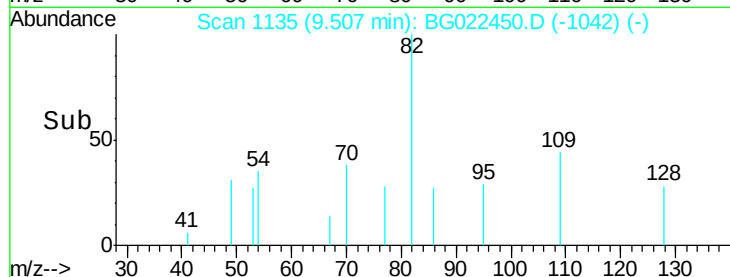
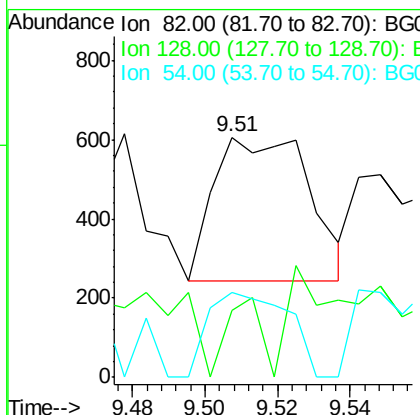
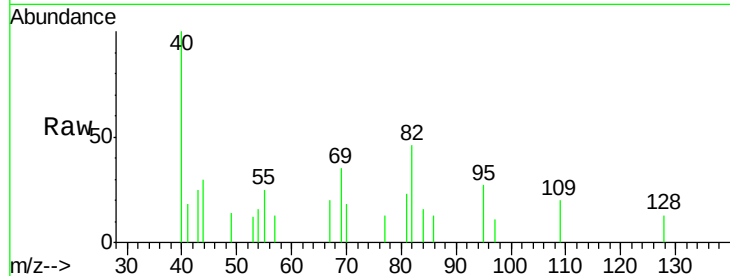




#23
 Nitrobenzene-d5
 Concen: 128.01 ng
 RT: 9.51 min Scan# 1135
 Delta R.T. 0.25 min
 Lab File: BG022450.D
 Acq: 20 Jun 2016 21:00

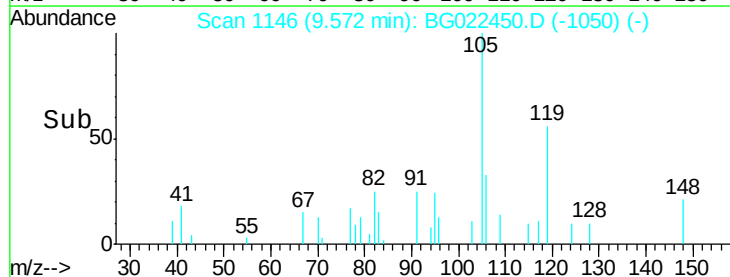
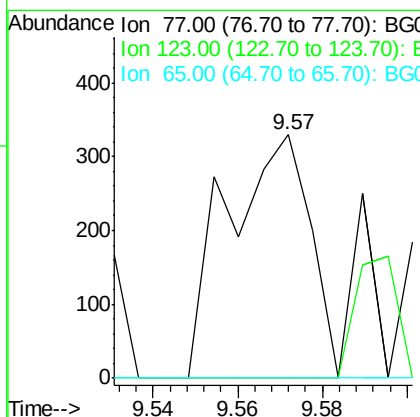
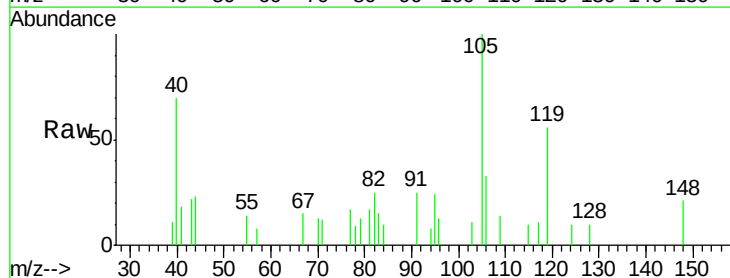
Instrument :
 BNA_G
 ClientSampled :
 W-36

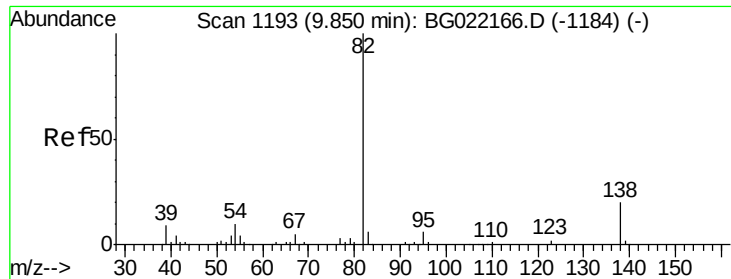
Tgt Ion: 82 Resp: 661
 Ion Ratio Lower Upper
 82 100
 128 28.1 33.4 50.0#
 54 35.5 46.1 69.1#



#24
 Nitrobenzene
 Concen: 86.66 ng
 RT: 9.57 min Scan# 1146
 Delta R.T. 0.27 min
 Lab File: BG022450.D
 Acq: 20 Jun 2016 21:00

Tgt Ion: 77 Resp: 450
 Ion Ratio Lower Upper
 77 100
 123 0.0 32.2 48.4#
 65 0.0 10.3 15.5#





#25

Isophorone

Concen: 24.34 ng

RT: 10.08 min Scan# 1232

Delta R.T. 0.25 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

Instrument :

BNA_G

ClientSampleId :

W-36

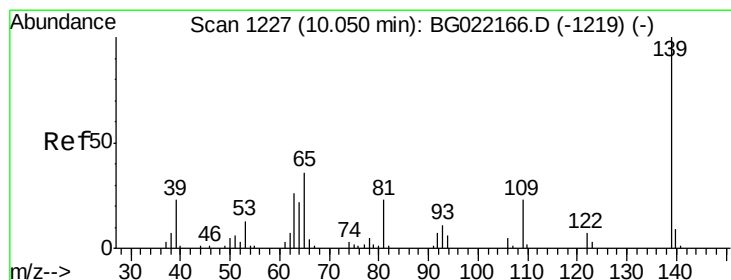
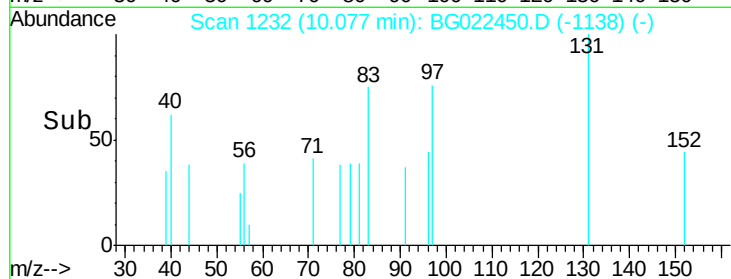
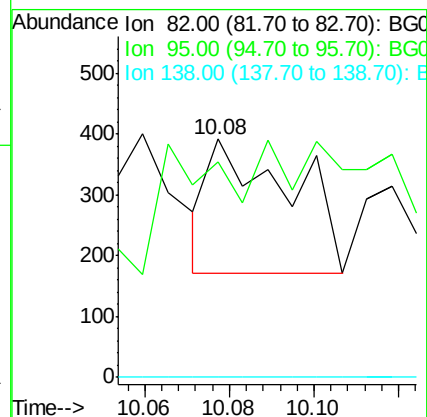
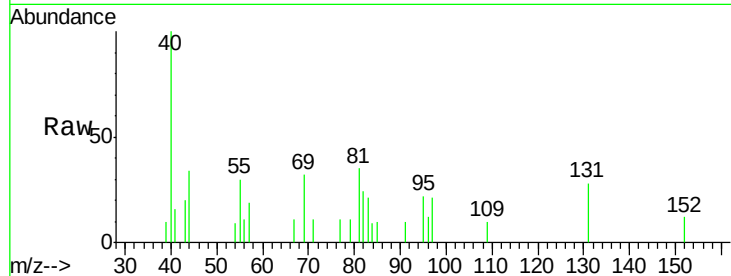
Tgt Ion: 82 Resp: 294

Ion Ratio Lower Upper

82 100

95 90.8 6.0 9.0#

138 0.0 13.4 20.0#



#26

2-Nitrophenol

Concen: 19.53 ng

RT: 10.41 min Scan# 1288

Delta R.T. 0.39 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

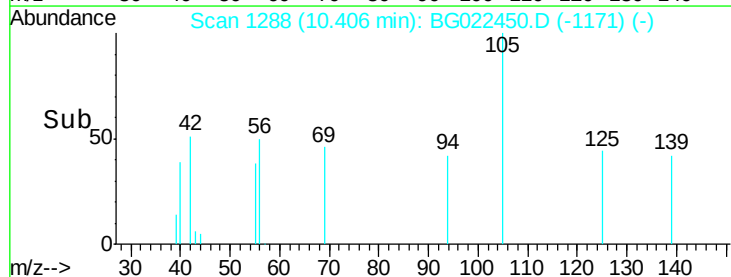
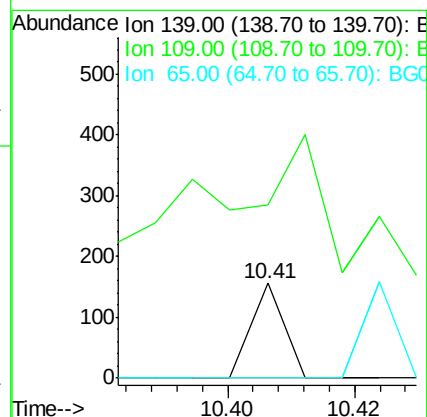
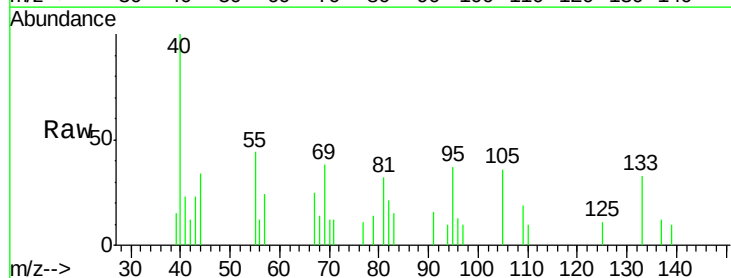
Tgt Ion: 139 Resp: 55

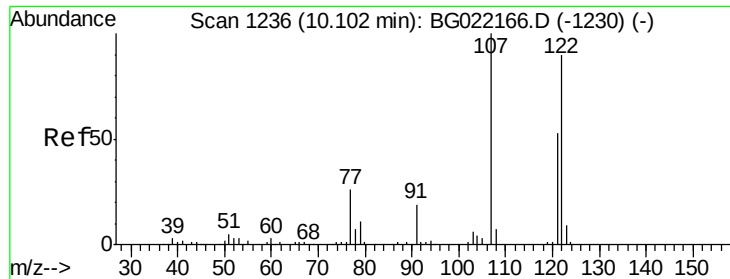
Ion Ratio Lower Upper

139 100

109 182.7 26.6 40.0#

65 0.0 45.3 67.9#

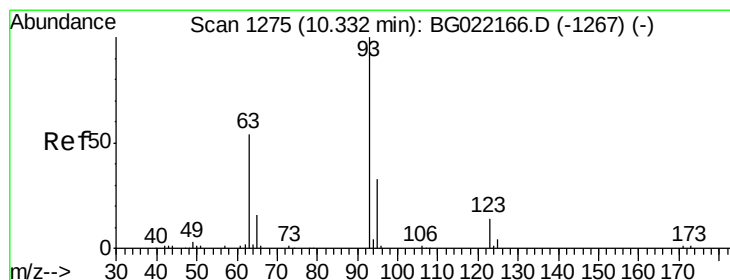
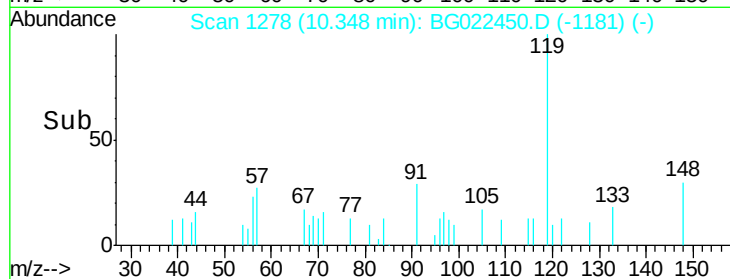
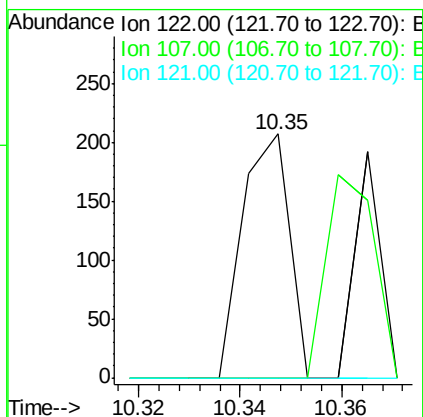
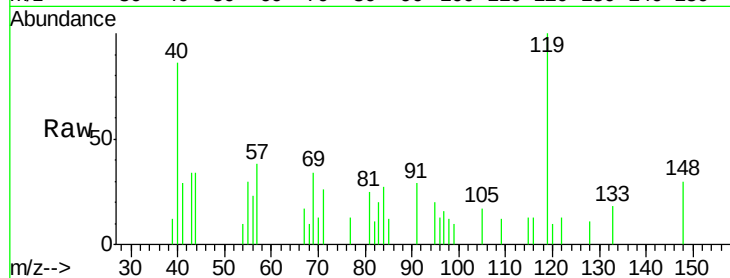




#27
 2,4-Dimethylphenol
 Concen: 26.29 ng
 RT: 10.35 min Scan# 1278
 Delta R.T. 0.27 min
 Lab File: BG022450.D
 Acq: 20 Jun 2016 21:00

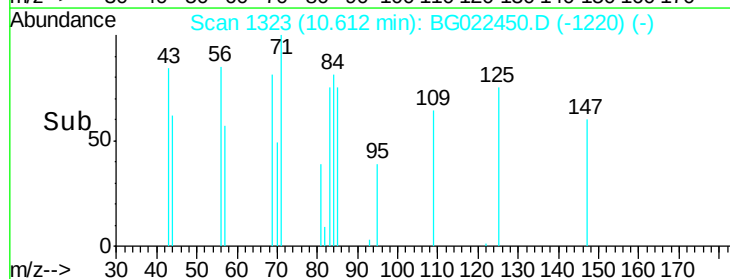
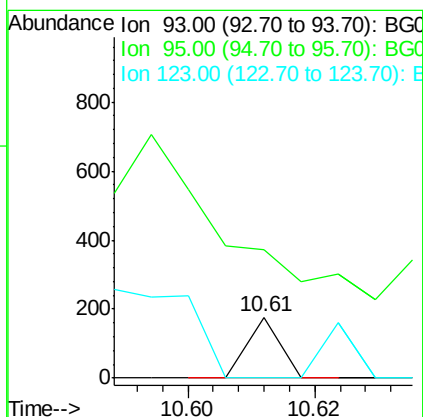
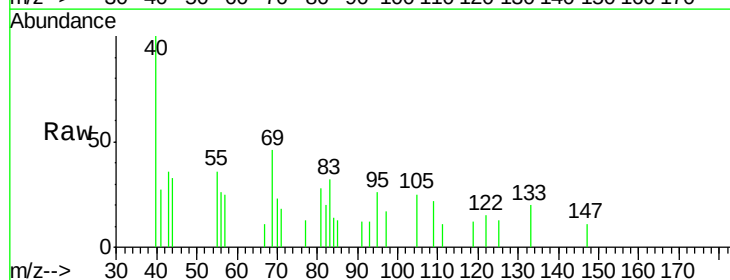
Instrument :
 BNA_G
 ClientSampled :
 W-36

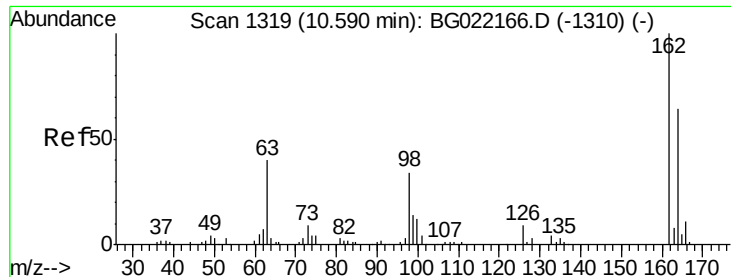
Tgt Ion: 122 Resp: 134
 Ion Ratio Lower Upper
 122 100
 107 0.0 97.2 145.8#
 121 0.0 49.0 73.4#



#28
 bis(2-Chloroethoxy)methane
 Concen: 8.96 ng
 RT: 10.61 min Scan# 1323
 Delta R.T. 0.31 min
 Lab File: BG022450.D
 Acq: 20 Jun 2016 21:00

Tgt Ion: 93 Resp: 62
 Ion Ratio Lower Upper
 93 100
 95 211.3 30.1 45.1#
 123 0.0 10.2 15.4#

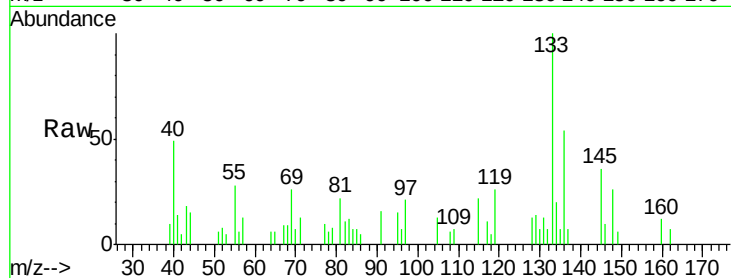




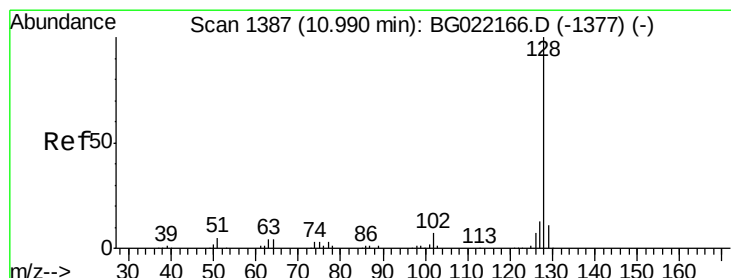
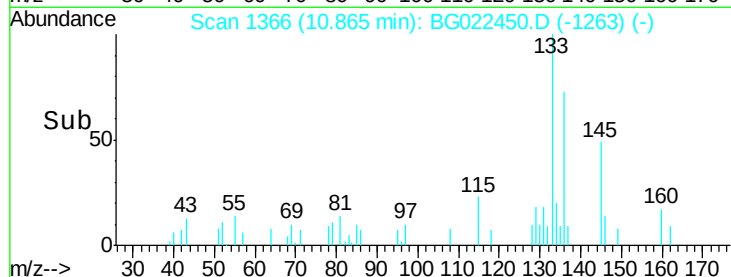
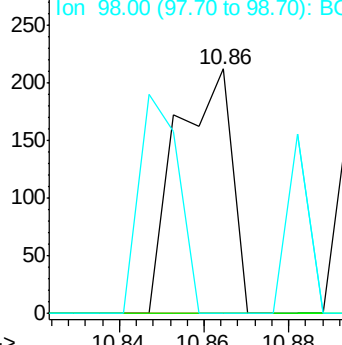
#29
2,4-Dichlorophenol
Concen: 40.67 ng
RT: 10.86 min Scan# 1366
Delta R.T. 0.31 min
Lab File: BG022450.D
Acq: 20 Jun 2016 21:00

Instrument :
BNA_G
ClientSampled :
W-36

Tgt Ion:162 Resp: 192
Ion Ratio Lower Upper
162 100
164 0.0 44.9 84.9#
98 0.0 19.2 59.2#

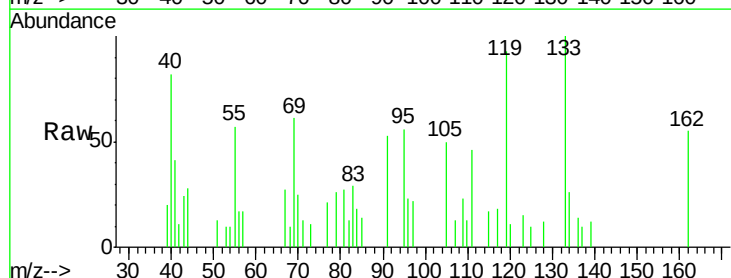


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

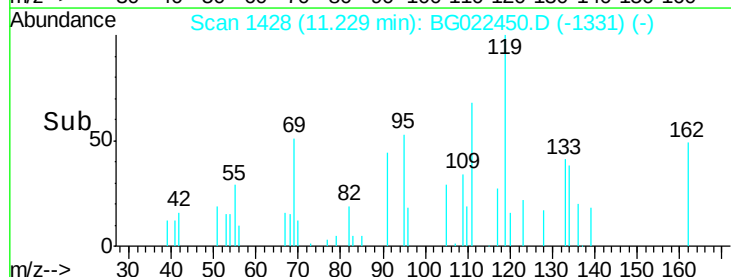
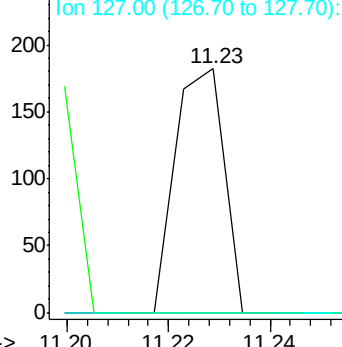


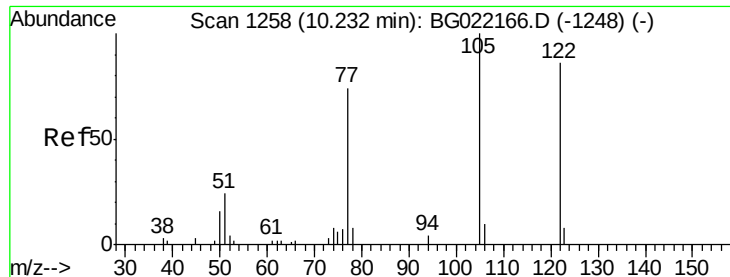
#31
Naphthalene
Concen: 6.84 ng
RT: 11.23 min Scan# 1428
Delta R.T. 0.27 min
Lab File: BG022450.D
Acq: 20 Jun 2016 21:00

Tgt Ion:128 Resp: 123
Ion Ratio Lower Upper
128 100
129 0.0 7.0 10.6#
127 0.0 10.1 15.1#



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

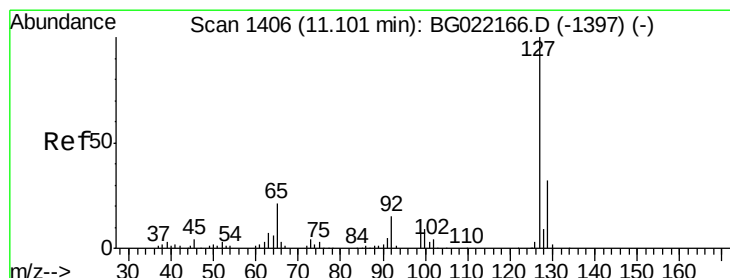
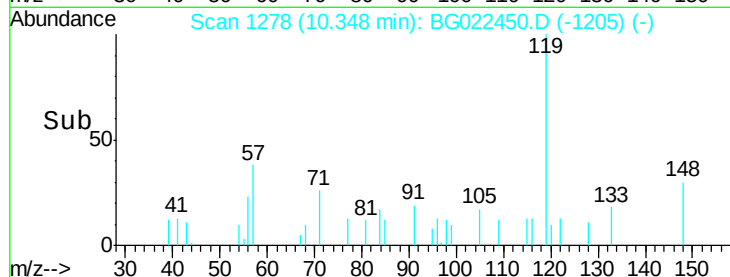
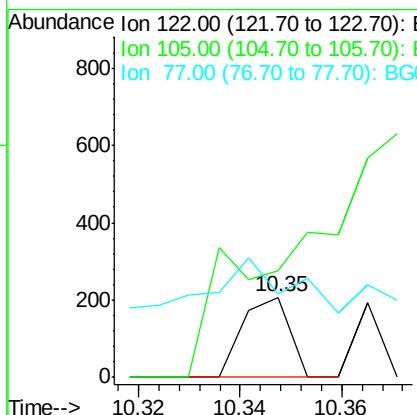
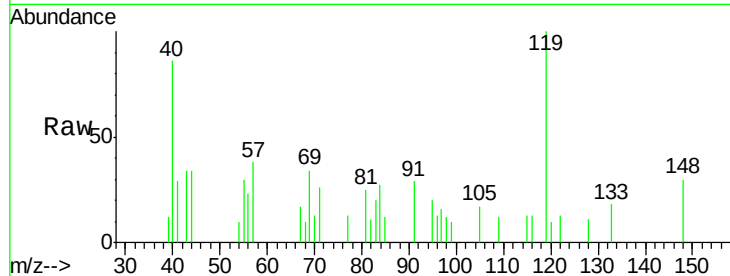




#32
Benzoic acid
Concen: 65.34 ng
RT: 10.35 min Scan# 1278
Delta R.T. 0.13 min
Lab File: BG022450.D
Acq: 20 Jun 2016 21:00

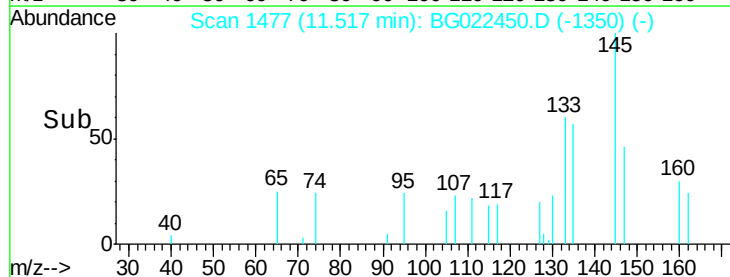
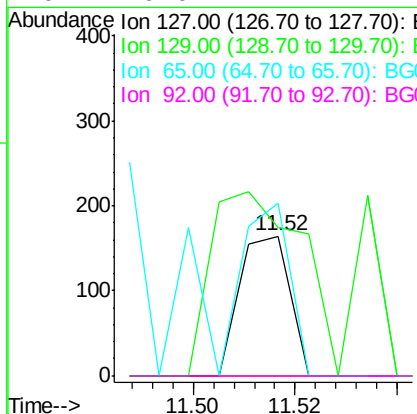
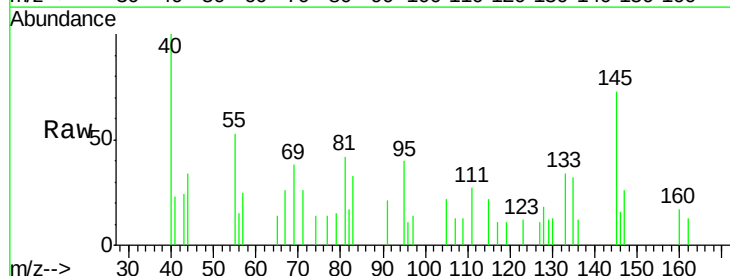
Instrument :
BNA_G
ClientSampleId :
W-36

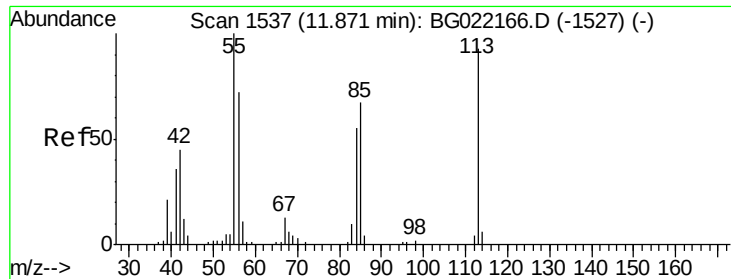
Tgt Ion:122 Resp: 134
Ion Ratio Lower Upper
122 100
105 133.8 104.5 144.5
77 104.3 79.9 119.9



#33
4-Chloroaniline
Concen: 14.99 ng
RT: 11.52 min Scan# 1477
Delta R.T. 0.45 min
Lab File: BG022450.D
Acq: 20 Jun 2016 21:00

Tgt Ion:127 Resp: 112
Ion Ratio Lower Upper
127 100
129 106.1 26.6 39.8#
65 123.8 27.5 41.3#
92 0.0 14.7 22.1#





#35

Caprolactam

Concen: 22.39 ng

RT: 12.29 min Scan# 1608

Delta R.T. 0.42 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

Instrument :

BNA_G

ClientSampled :

W-36

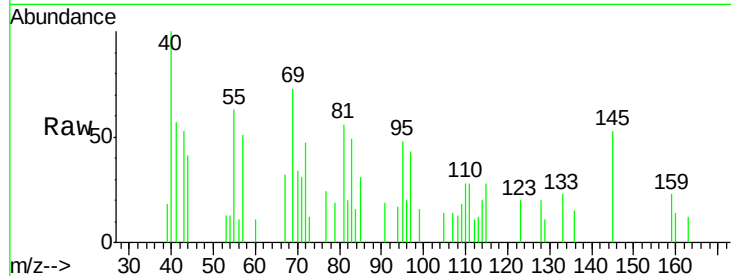
Tgt Ion:113 Resp: 58

Ion Ratio Lower Upper

113 100

55 524.8 194.2 234.2#

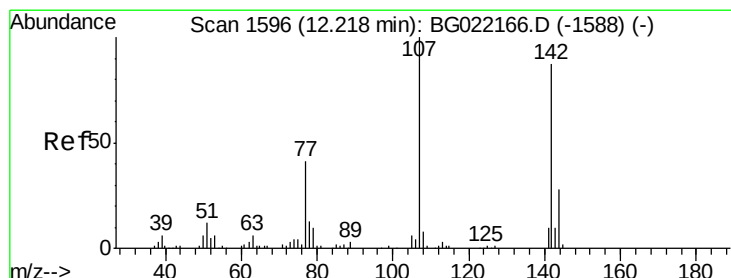
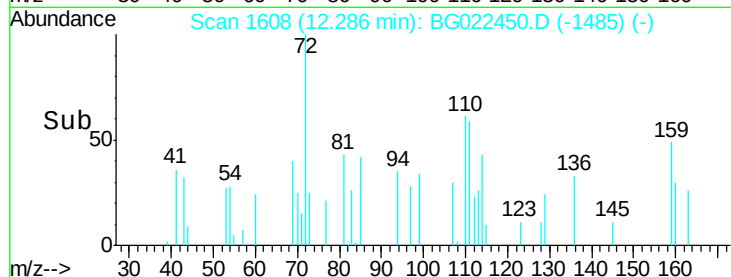
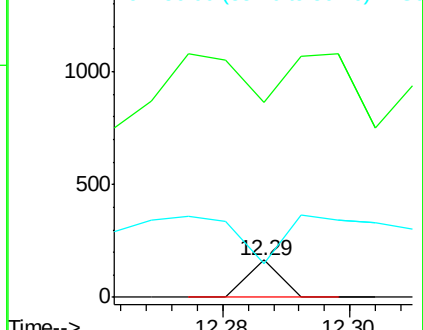
56 91.5 122.6 162.6#



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



#36

4-Chloro-3-methylphenol

Concen: 21.98 ng

RT: 12.51 min Scan# 1646

Delta R.T. 0.32 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

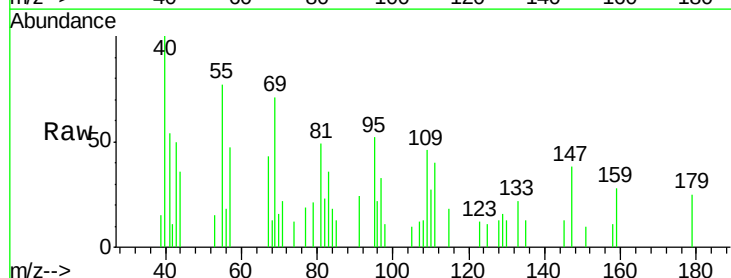
Tgt Ion:107 Resp: 123

Ion Ratio Lower Upper

107 100

144 0.0 19.2 28.8#

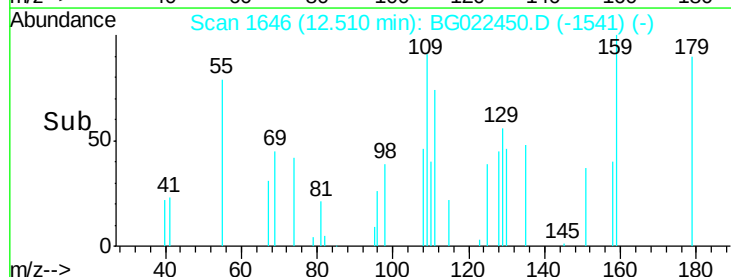
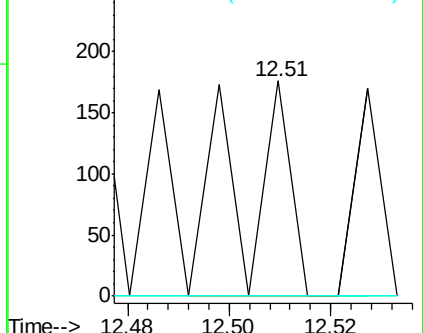
142 0.0 59.1 88.7#

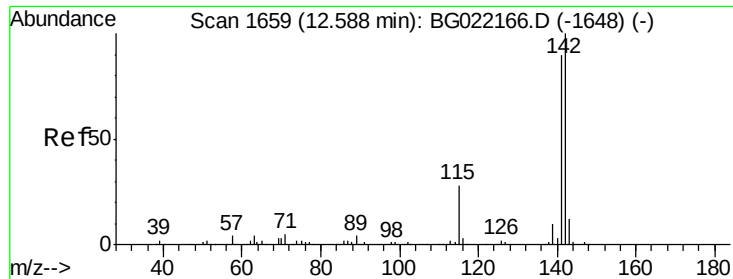


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

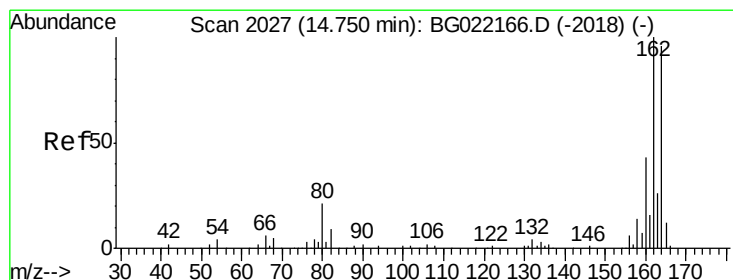
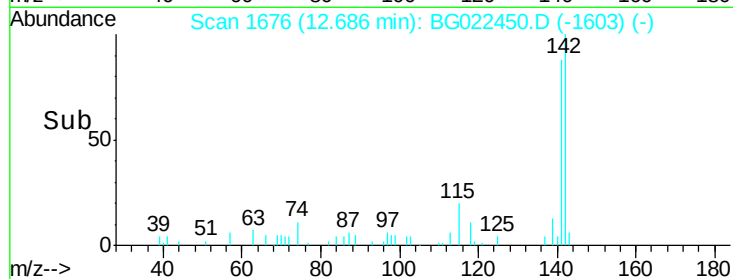
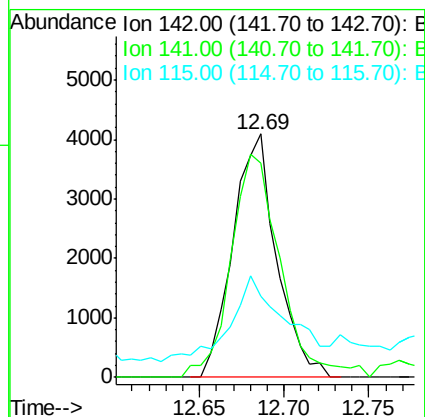
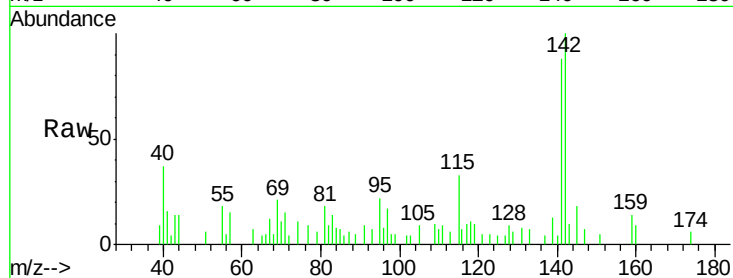




#37
2-Methylnaphthalene
Concen: 555.34 ng
RT: 12.69 min Scan# 1676
Delta R.T. 0.13 min
Lab File: BG022450.D
Acq: 20 Jun 2016 21:00

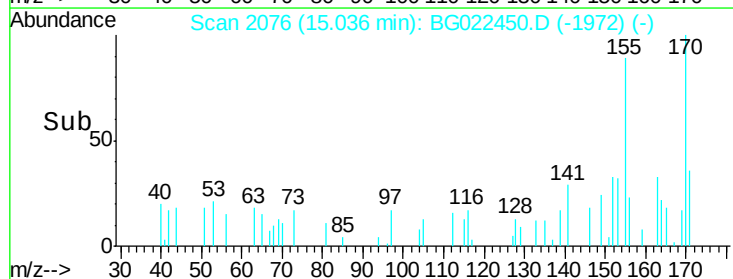
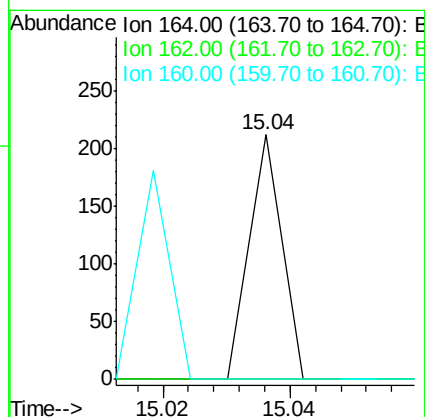
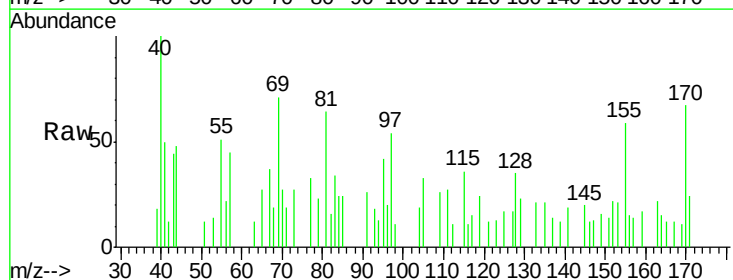
Instrument :
BNA_G
ClientSampleId :
W-36

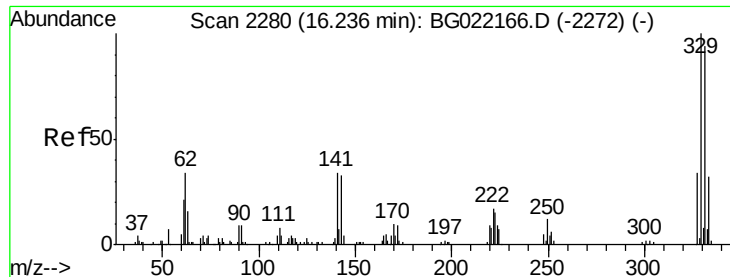
Tgt Ion:142 Resp: 7367
Ion Ratio Lower Upper
142 100
141 88.1 71.4 107.0
115 33.2 27.4 41.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.04 min Scan# 2076
Delta R.T. 0.31 min
Lab File: BG022450.D
Acq: 20 Jun 2016 21:00

Tgt Ion:164 Resp: 75
Ion Ratio Lower Upper
164 100
162 0.0 78.0 117.0#
160 0.0 32.9 49.3#





#41

2,4,6-Tribromophenol

Concen: 133.34 ng

RT: 16.31 min Scan# 2292

Delta R.T. 0.09 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

Instrument :

BNA_G

ClientSampled :

W-36

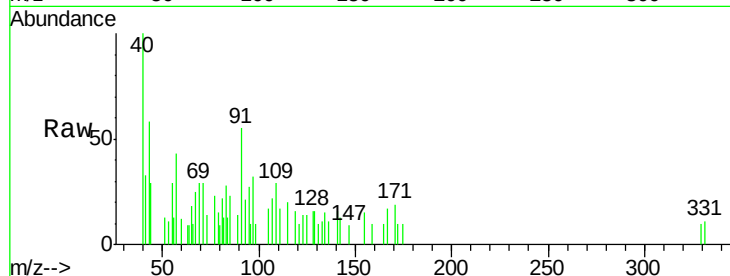
Tgt Ion:330 Resp: 113

Ion Ratio Lower Upper

330 100

332 84.1 78.0 117.0

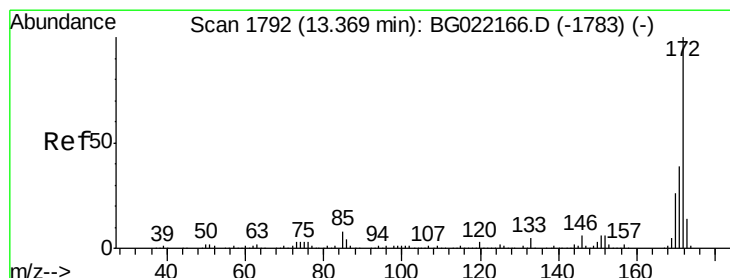
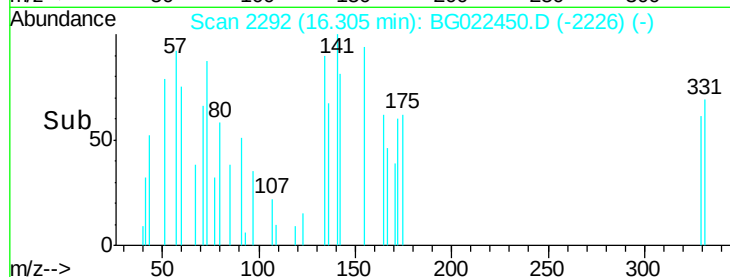
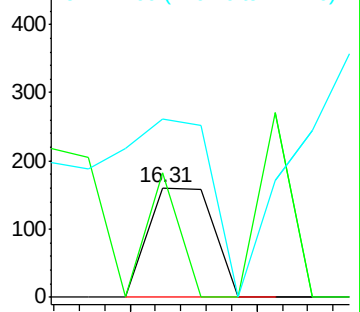
141 229.2 33.8 50.8#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 19.10 ng

RT: 13.60 min Scan# 1832

Delta R.T. 0.26 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

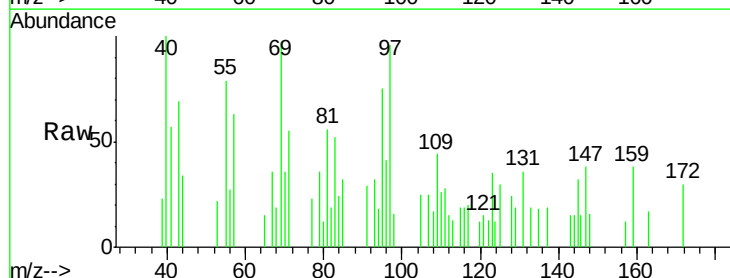
Tgt Ion:172 Resp: 94

Ion Ratio Lower Upper

172 100

171 0.0 27.8 41.6#

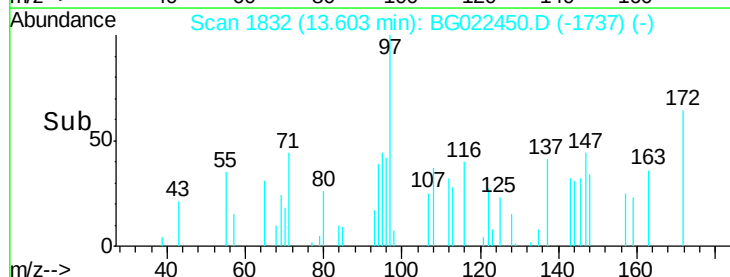
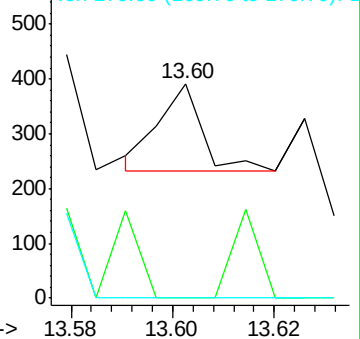
170 0.0 19.6 29.4#

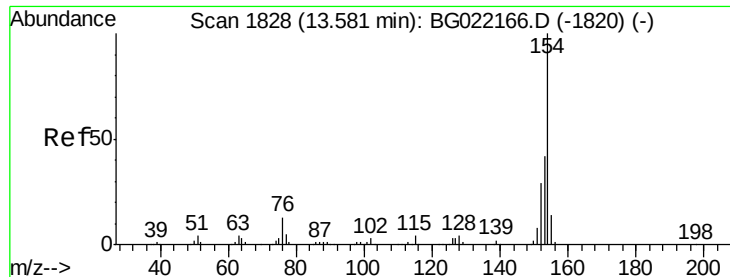


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 47.48 ng

RT: 13.96 min Scan# 1893

Delta R.T. 0.41 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

Instrument :

BNA_G

ClientSampled :

W-36

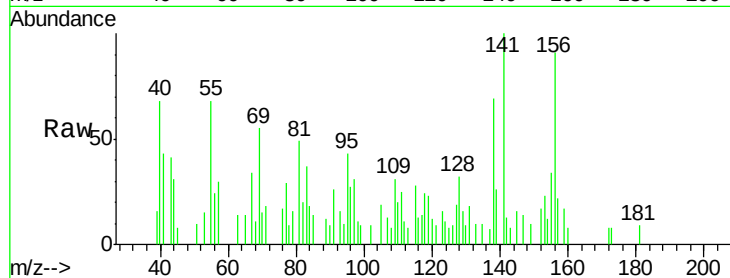
Tgt Ion:154 Resp: 268

Ion Ratio Lower Upper

154 100

153 194.6 19.7 59.7#

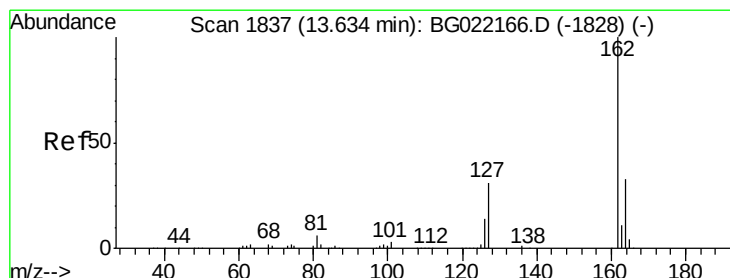
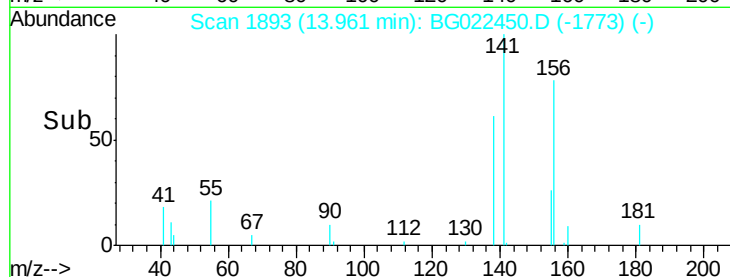
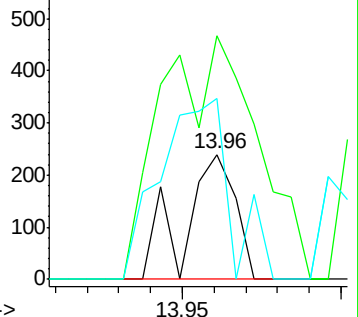
76 145.0 0.0 33.0#



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): BGC



#46

2-Chloronaphthalene

Concen: 12.48 ng

RT: 13.87 min Scan# 1878

Delta R.T. 0.27 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

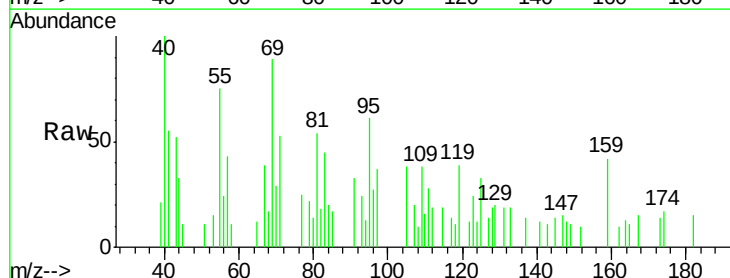
Tgt Ion:162 Resp: 54

Ion Ratio Lower Upper

162 100

127 135.7 32.0 48.0#

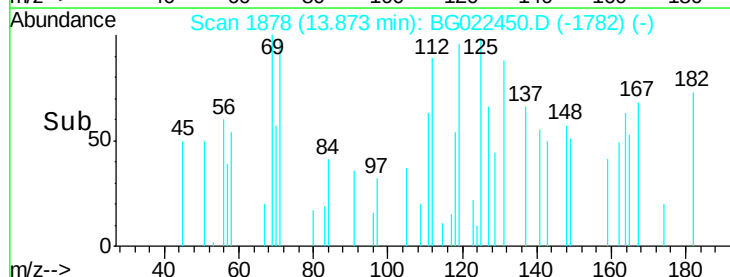
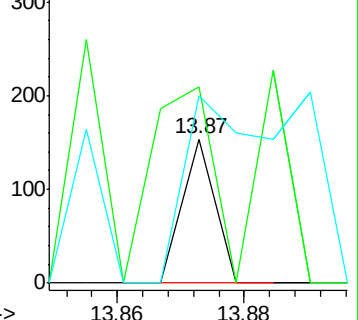
164 129.9 27.0 40.4#

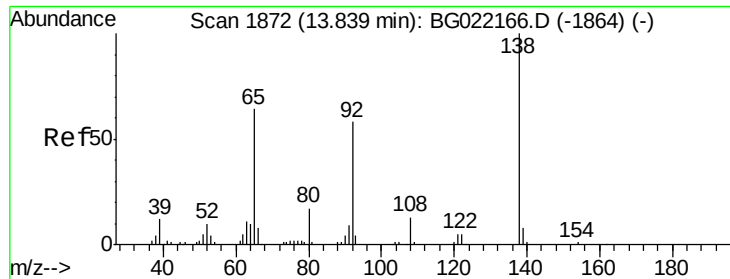


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 94.99 ng

RT: 14.09 min Scan# 1915

Delta R.T. 0.28 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

Instrument :

BNA_G

ClientSampleId :

W-36

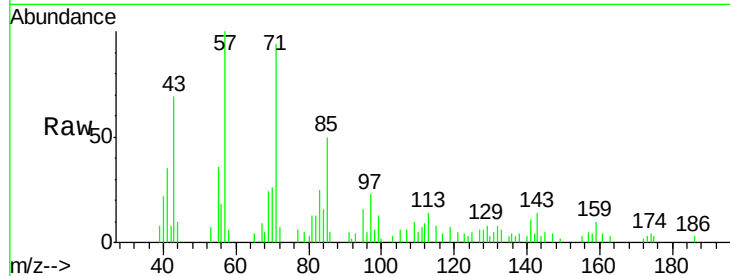
Tgt Ion: 65 Resp: 98

Ion Ratio Lower Upper

65 100

92 57.3 49.2 73.8

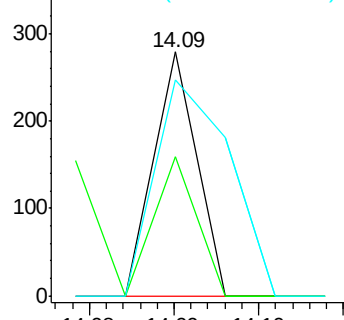
138 88.5 75.0 112.6



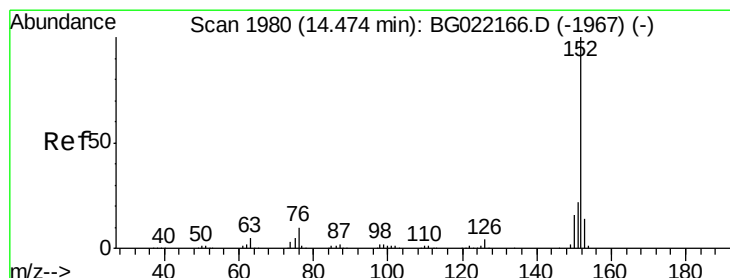
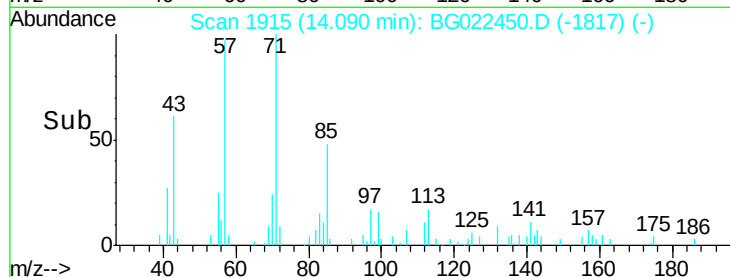
Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



Time-->



#48

Acenaphthylene

Concen: 41.63 ng

RT: 14.77 min Scan# 2030

Delta R.T. 0.32 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

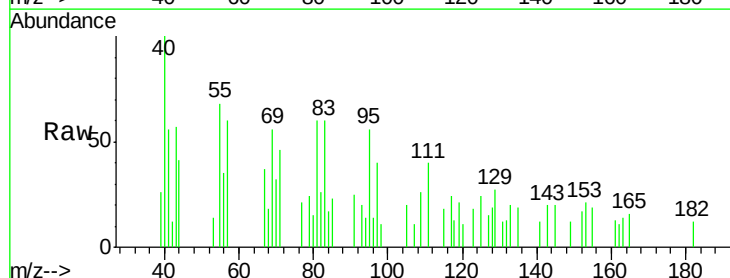
Tgt Ion: 152 Resp: 316

Ion Ratio Lower Upper

152 100

151 0.0 16.6 24.8#

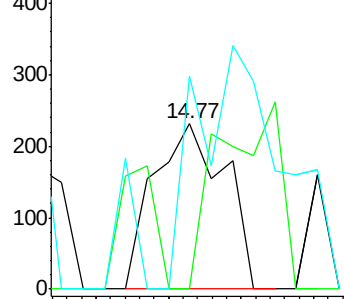
153 129.0 10.2 15.2#



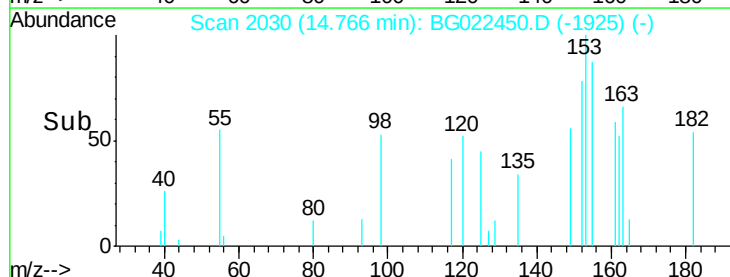
Abundance Ion 152.00 (151.70 to 152.70): BGC

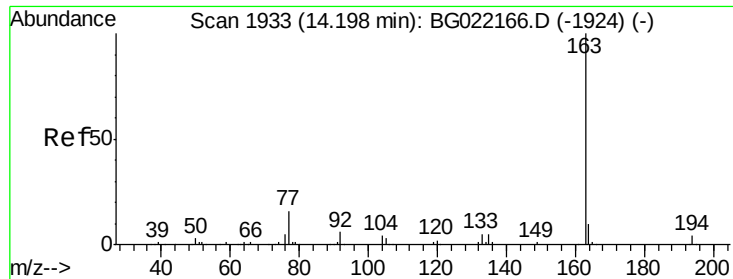
Ion 151.00 (150.70 to 151.70): BGC

Ion 153.00 (152.70 to 153.70): BGC



Time-->





#49

Dimethylphthalate

Concen: 278.84 ng

RT: 14.47 min Scan# 1980

Delta R.T. 0.30 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

Instrument :

BNA_G

ClientSampleId :

W-36

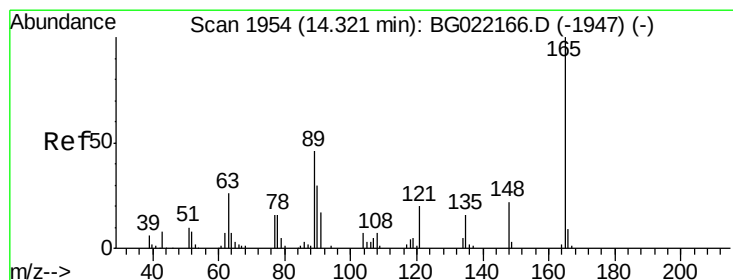
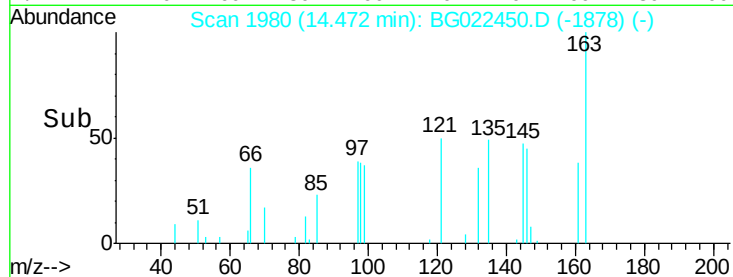
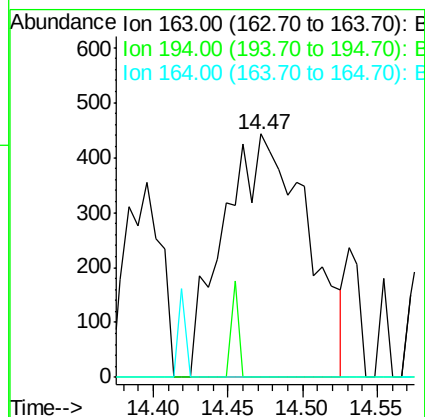
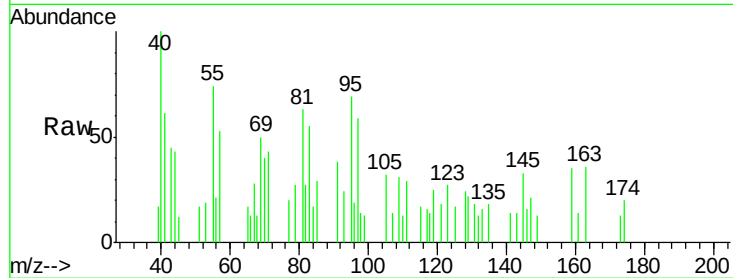
Tgt Ion:163 Resp: 1734

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

164 0.0 8.1 12.1#



#50

2,6-Dinitrotoluene

Concen: 7416.51 ng

RT: 14.63 min Scan# 2007

Delta R.T. 0.33 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

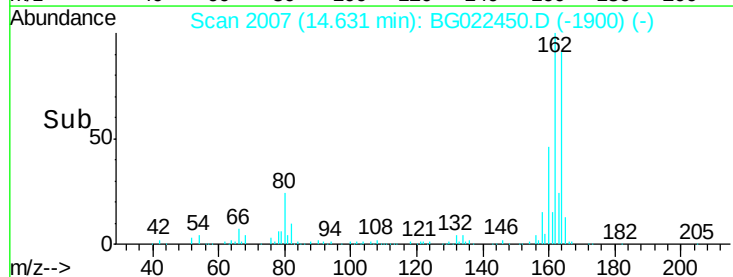
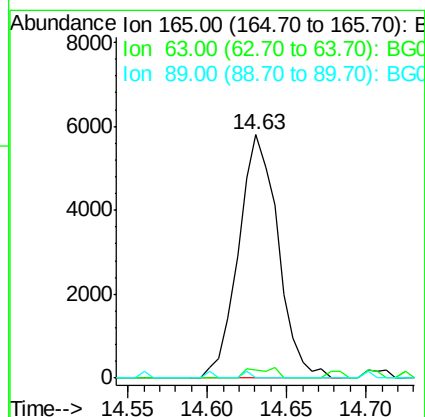
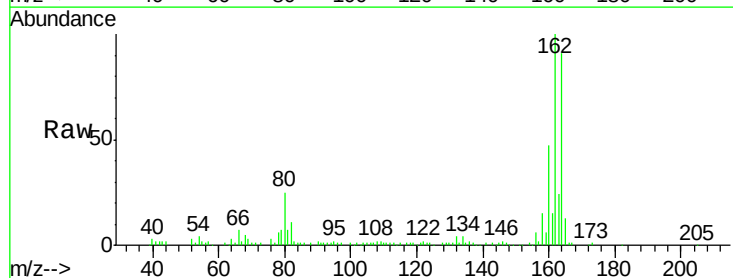
Tgt Ion:165 Resp: 10026

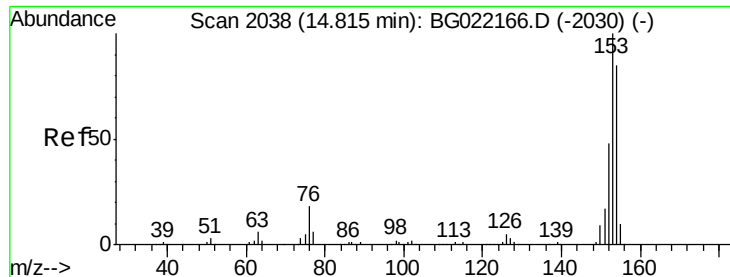
Ion Ratio Lower Upper

165 100

63 3.5 48.2 72.4#

89 0.0 45.3 67.9#





#51

Acenaphthene

Concen: 100.04 ng

RT: 15.10 min Scan# 2087

Delta R.T. 0.31 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

Instrument :

BNA_G

ClientSampleId :

W-36

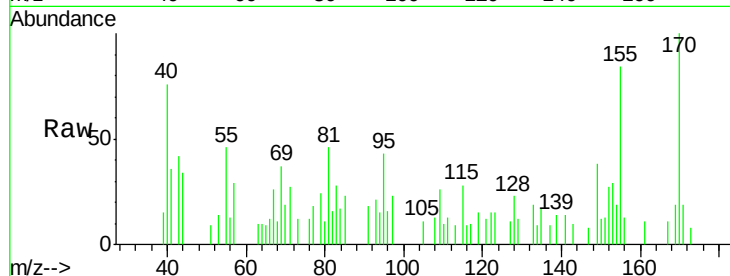
Tgt Ion:154 Resp: 455

Ion Ratio Lower Upper

154 100

153 157.4 91.9 137.9#

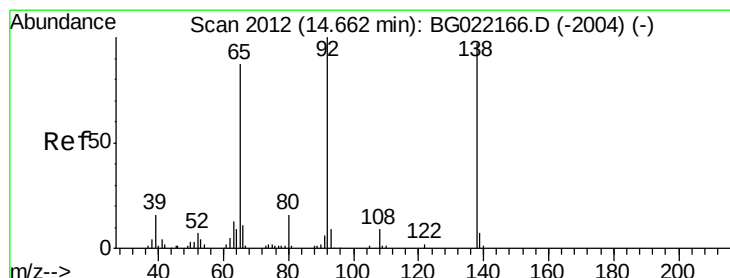
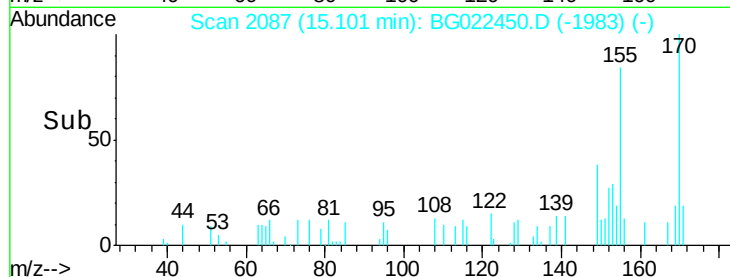
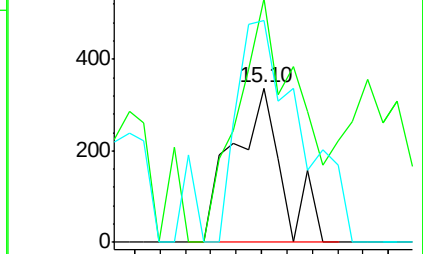
152 143.8 42.0 63.0#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.35 ng

RT: 14.99 min Scan# 2068

Delta R.T. 0.35 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

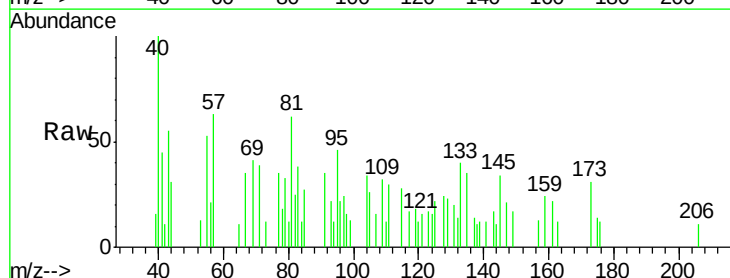
Tgt Ion:138 Resp: 59

Ion Ratio Lower Upper

138 100

108 0.0 9.1 13.7#

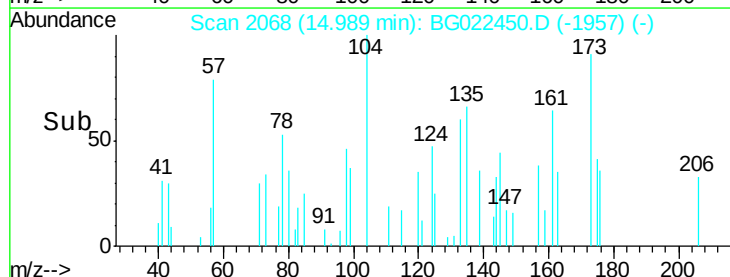
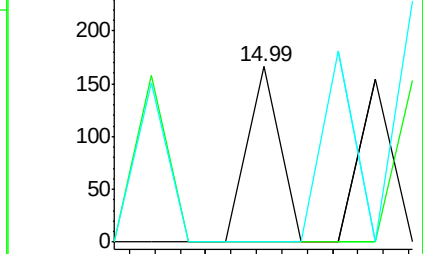
92 0.0 102.6 154.0#

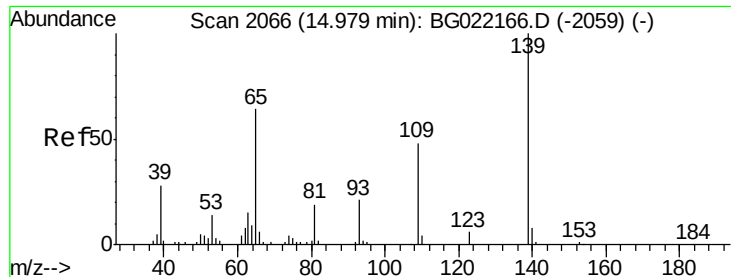


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

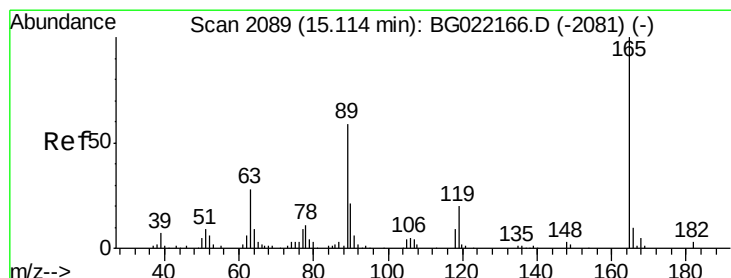
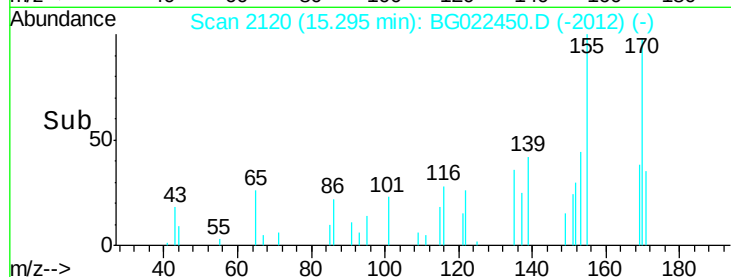
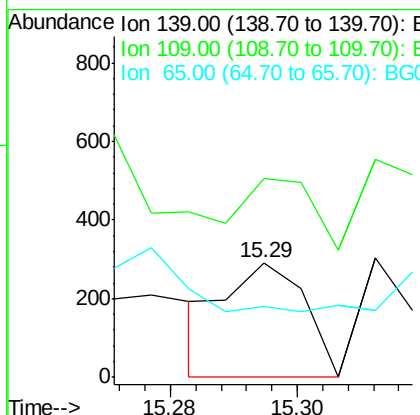
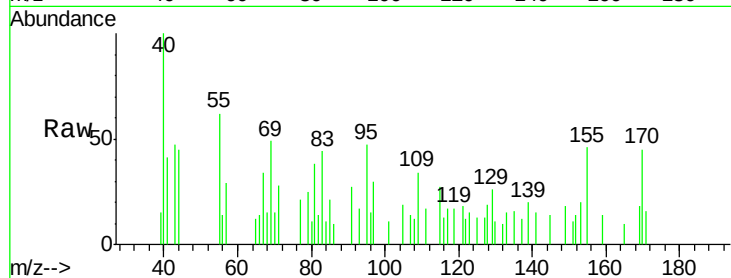




#55
4-Nitrophenol
Concen: 242.56 ng
RT: 15.29 min Scan# 2120
Delta R.T. 0.34 min
Lab File: BG022450.D
Acq: 20 Jun 2016 21:00

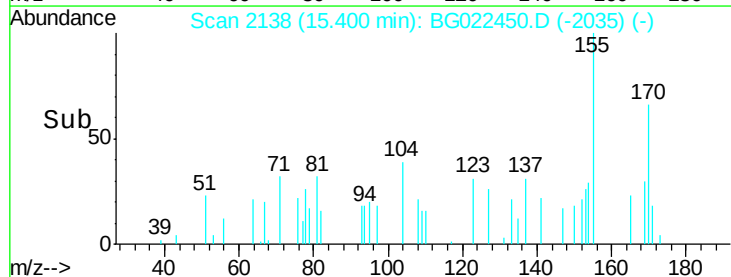
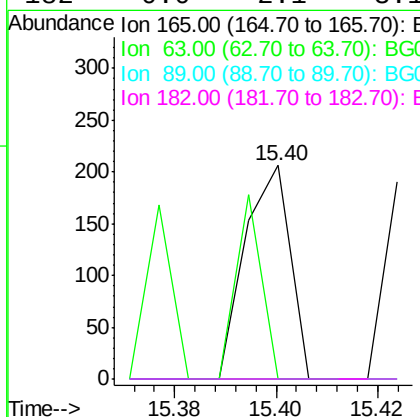
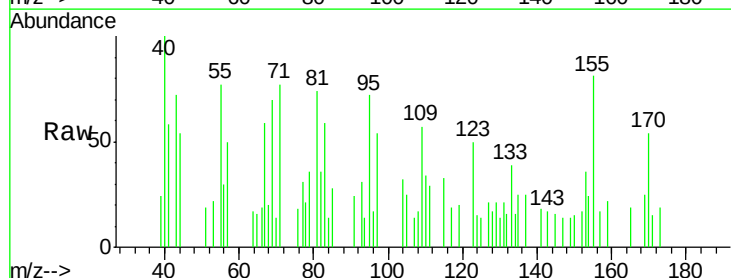
Instrument :
BNA_G
ClientSampleId :
W-36

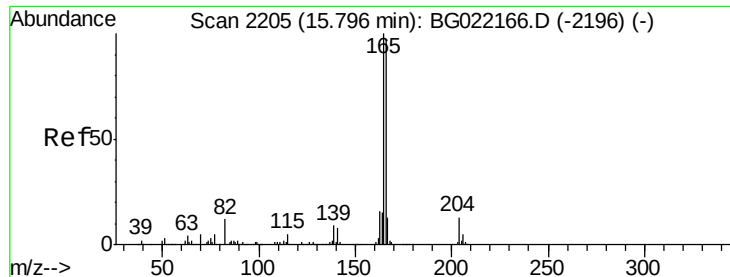
Tgt Ion:139 Resp: 251
Ion Ratio Lower Upper
139 100
109 173.2 49.2 89.2#
65 61.9 83.2 123.2#



#56
2,4-Dinitrotoluene
Concen: 70.04 ng
RT: 15.40 min Scan# 2138
Delta R.T. 0.31 min
Lab File: BG022450.D
Acq: 20 Jun 2016 21:00

Tgt Ion:165 Resp: 127
Ion Ratio Lower Upper
165 100
63 0.0 37.4 56.0#
89 0.0 59.4 89.0#
182 0.0 2.1 3.1#

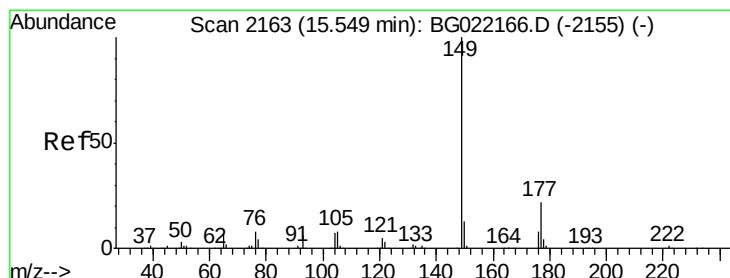
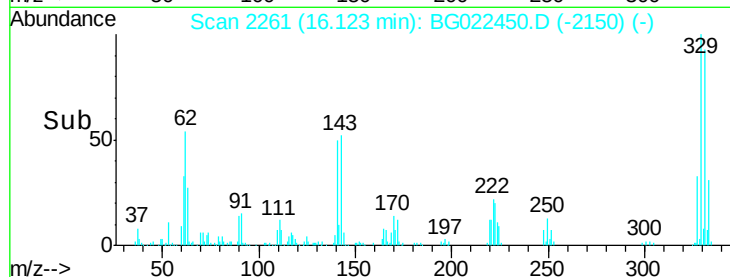
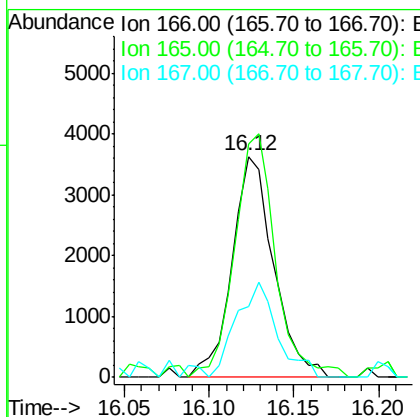
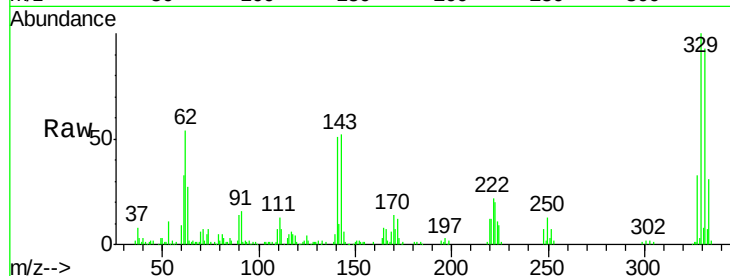




#57
 Fluorene
 Concen: 1015.45 ng
 RT: 16.12 min Scan# 2261
 Delta R.T. 0.35 min
 Lab File: BG022450.D
 Acq: 20 Jun 2016 21:00

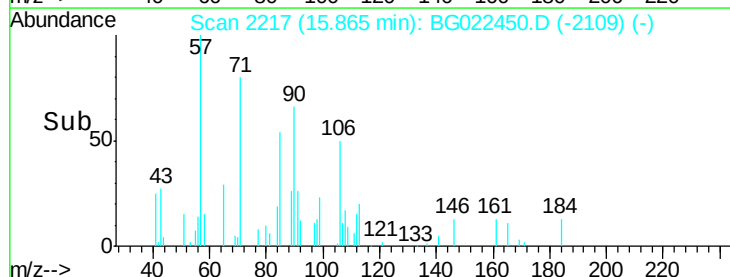
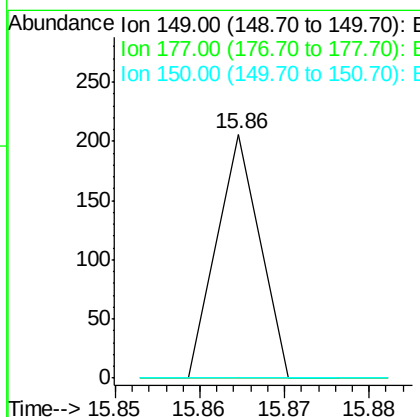
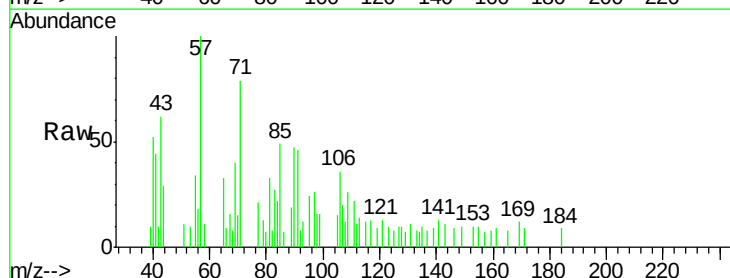
Instrument :
 BNA_G
 ClientSampled :
 W-36

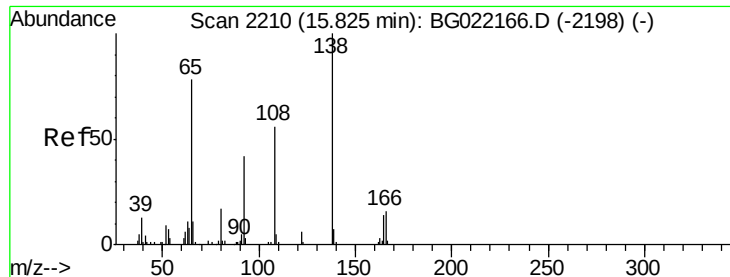
Tgt Ion:166 Resp: 6209
 Ion Ratio Lower Upper
 166 100
 165 80.1 79.0 118.4
 167 24.4 10.7 16.1#



#59
 Diethylphthalate
 Concen: 10.99 ng
 RT: 15.86 min Scan# 2217
 Delta R.T. 0.34 min
 Lab File: BG022450.D
 Acq: 20 Jun 2016 21:00

Tgt Ion:149 Resp: 73
 Ion Ratio Lower Upper
 149 100
 177 0.0 17.3 25.9#
 150 0.0 9.7 14.5#





#61

4-Nitroaniline

Concen: 33.96 ng

RT: 16.14 min Scan# 2264

Delta R.T. 0.34 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

Instrument :

BNA_G

ClientSampleId :

W-36

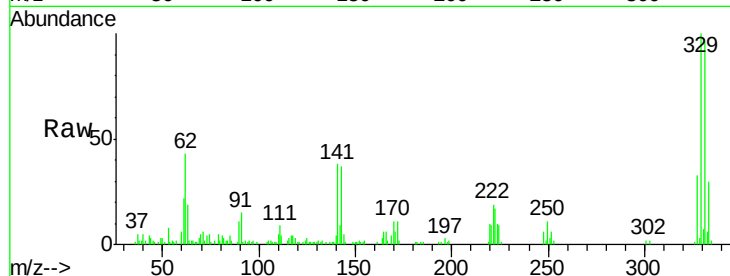
Tgt Ion:138 Resp: 54

Ion Ratio Lower Upper

138 100

92 198.1 37.7 77.7#

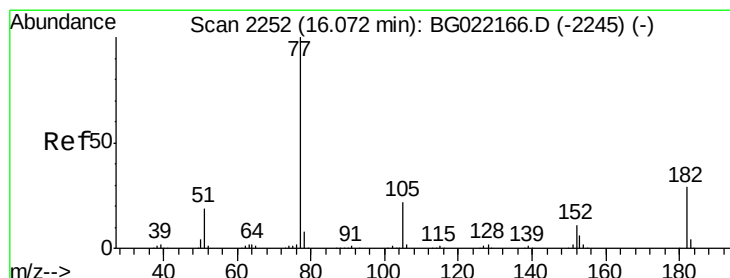
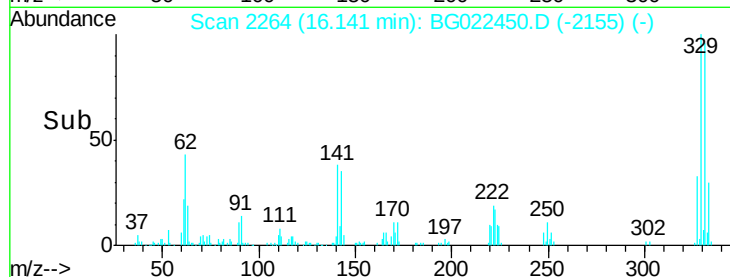
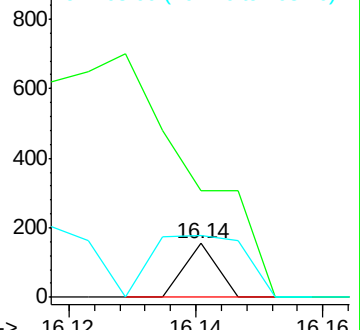
108 114.9 59.4 99.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 30.81 ng

RT: 16.38 min Scan# 2305

Delta R.T. 0.34 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

Tgt Ion: 77 Resp: 155

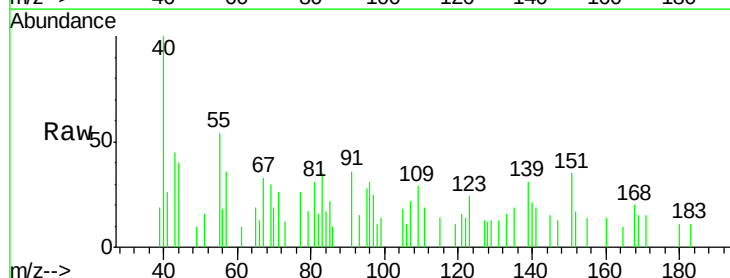
Ion Ratio Lower Upper

77 100

182 0.0 4.1 44.1#

105 66.9 0.0 39.8#

51 59.0 11.1 51.1#

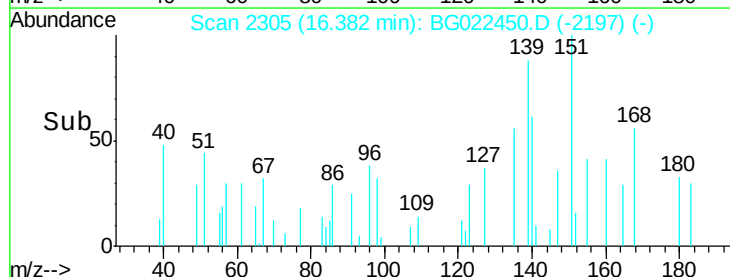
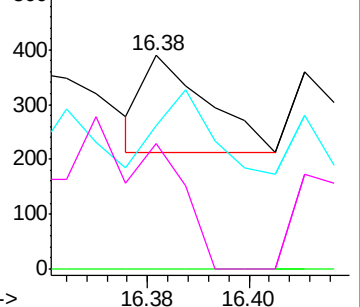


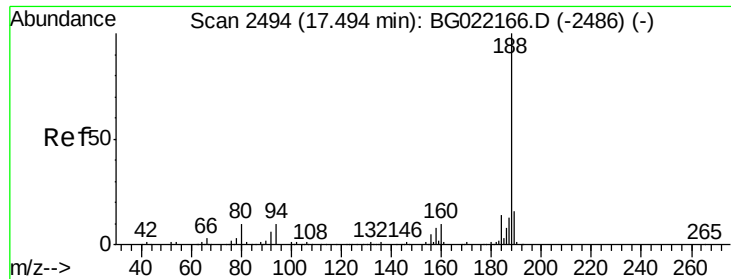
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

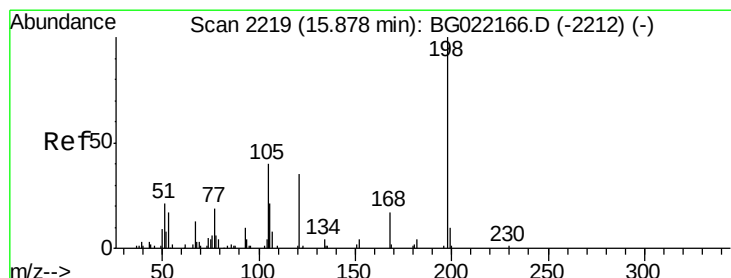
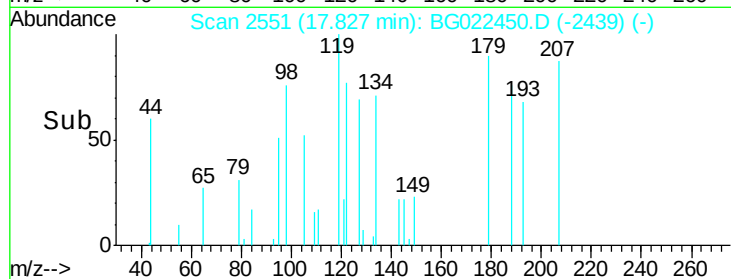
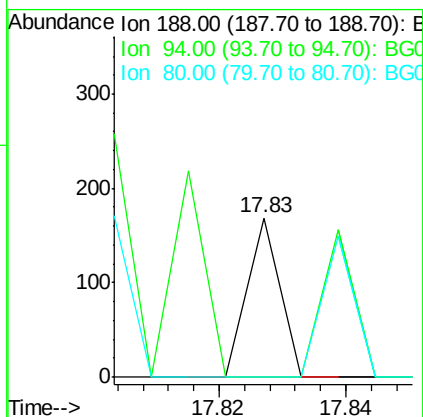
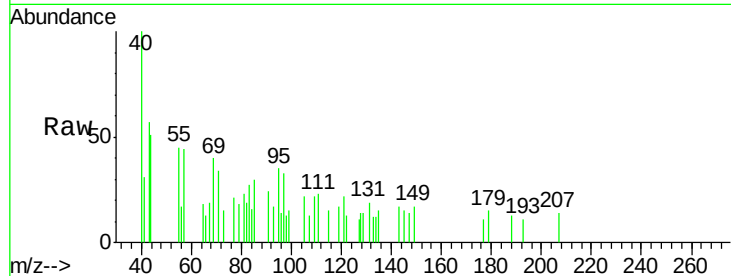




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.83 min Scan# 2551
Delta R.T. 0.36 min
Lab File: BG022450.D
Acq: 20 Jun 2016 21:00

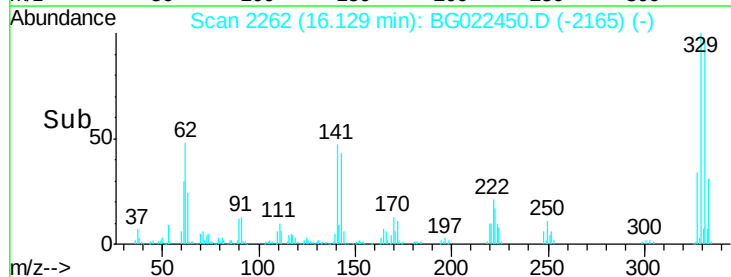
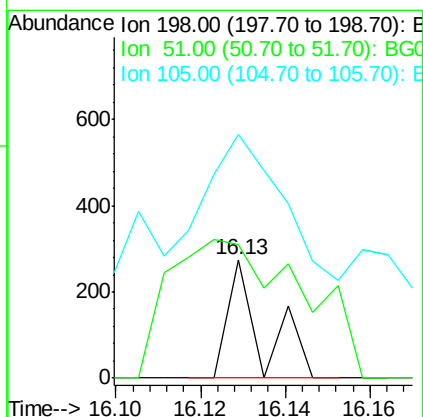
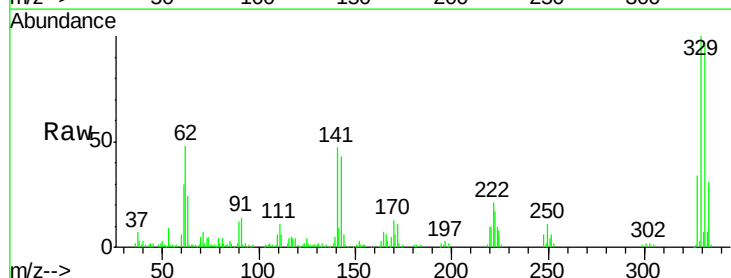
Instrument :
BNA_G
ClientSampled :
W-36

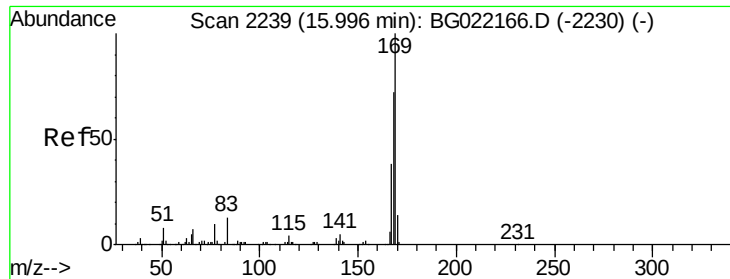
Tgt Ion:188 Resp: 60
Ion Ratio Lower Upper
188 100
94 0.0 7.5 11.3#
80 0.0 8.6 13.0#



#64
4,6-Dinitro-2-methylphenol
Concen: 459.77 ng
RT: 16.13 min Scan# 2262
Delta R.T. 0.27 min
Lab File: BG022450.D
Acq: 20 Jun 2016 21:00

Tgt Ion:198 Resp: 156
Ion Ratio Lower Upper
198 100
51 25.3 29.2 69.2#
105 46.2 24.0 64.0

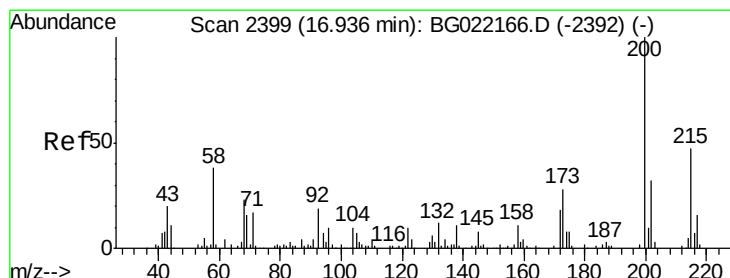
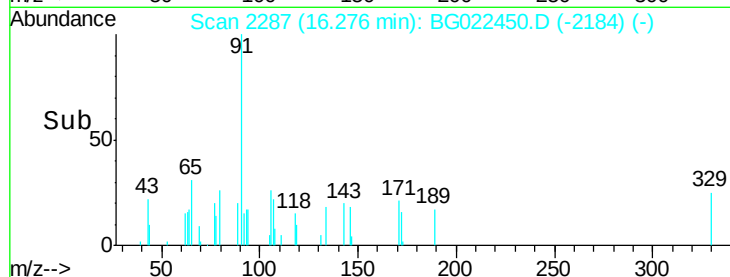
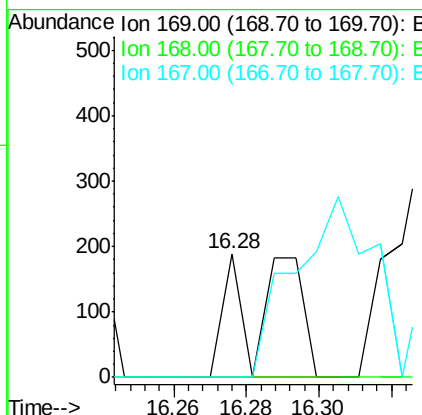
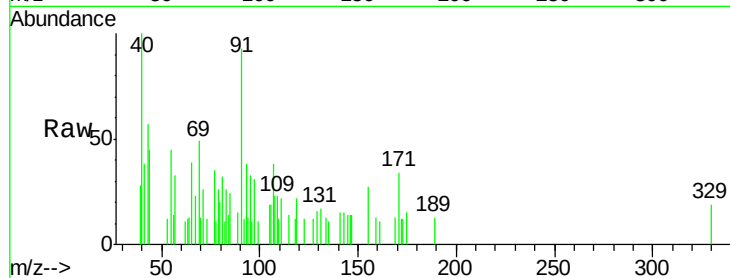




#65
n-Nitrosodiphenylamine
Concen: 112.82 ng
RT: 16.28 min Scan# 2287
Delta R.T. 0.31 min
Lab File: BG022450.D
Acq: 20 Jun 2016 21:00

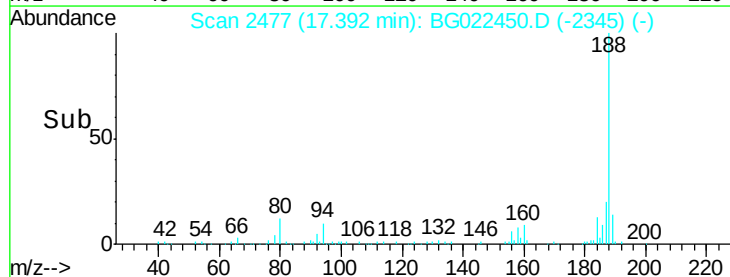
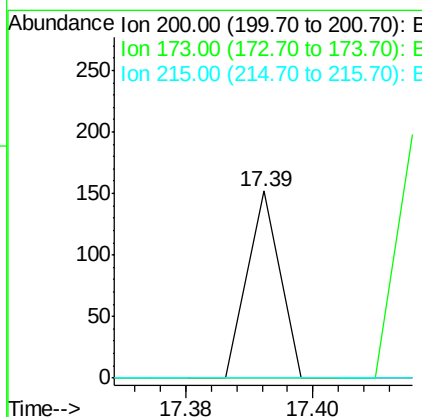
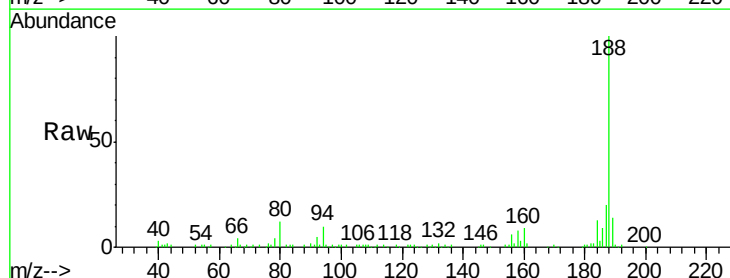
Instrument :
BNA_G
ClientSampled :
W-36

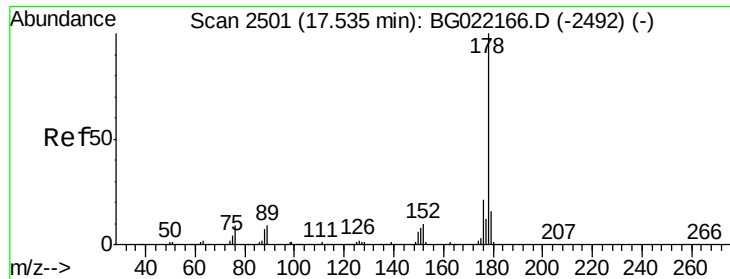
Tgt Ion:169 Resp: 195
Ion Ratio Lower Upper
169 100
168 0.0 59.6 89.4#
167 0.0 31.2 46.8#



#68
Atrazine
Concen: 84.40 ng
RT: 17.39 min Scan# 2477
Delta R.T. 0.48 min
Lab File: BG022450.D
Acq: 20 Jun 2016 21:00

Tgt Ion:200 Resp: 54
Ion Ratio Lower Upper
200 100
173 0.0 5.1 45.1#
215 0.0 28.0 68.0#





#70

Phenanthrene

Concen: 20.25 ng

RT: 17.93 min Scan# 2568

Delta R.T. 0.42 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

Instrument :

BNA_G

ClientSampleId :

W-36

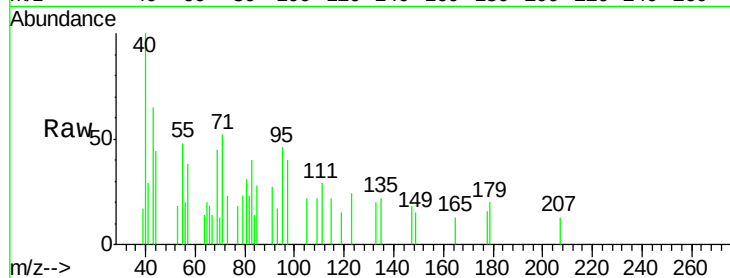
Tgt Ion:178 Resp: 66

Ion Ratio Lower Upper

178 100

176 0.0 16.2 24.4#

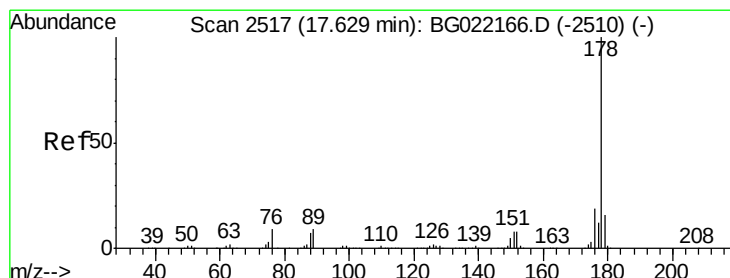
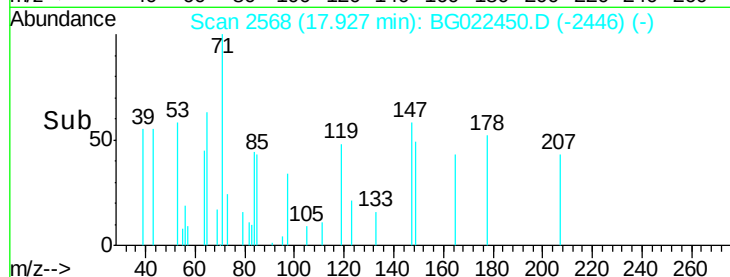
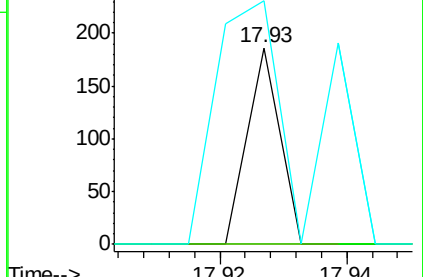
179 124.2 12.0 18.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 20.42 ng

RT: 17.93 min Scan# 2568

Delta R.T. 0.32 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

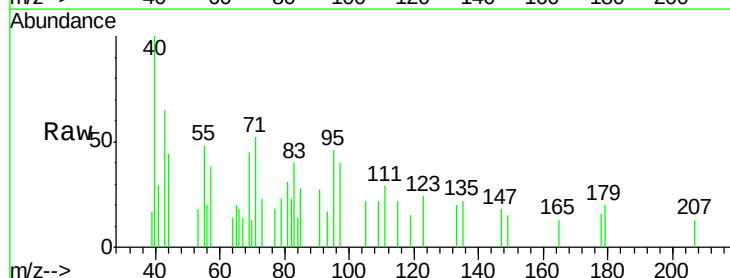
Tgt Ion:178 Resp: 66

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.4#

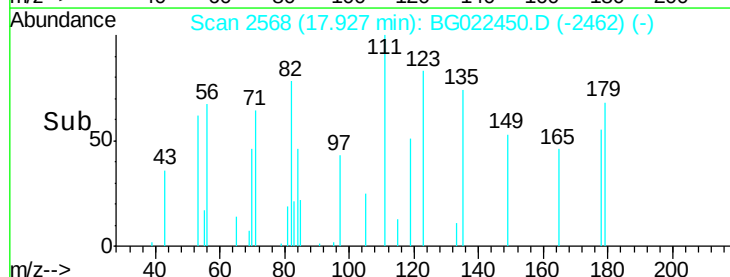
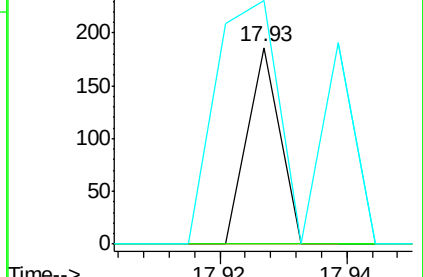
179 124.2 12.2 18.4#

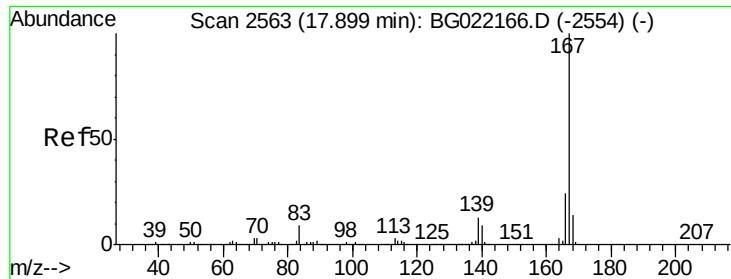


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 18.62 ng

RT: 18.22 min Scan# 2618

Delta R.T. 0.35 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

Instrument :

BNA_G

ClientSampleId :

W-36

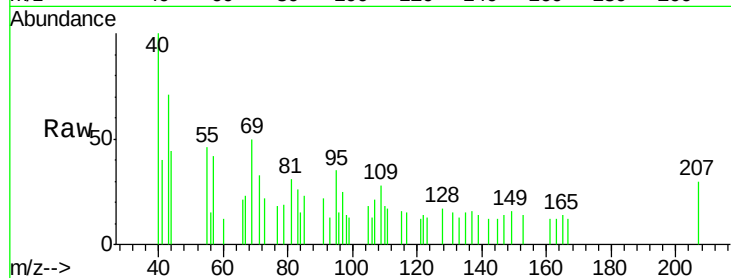
Tgt Ion:167 Resp: 57

Ion Ratio Lower Upper

167 100

166 0.0 18.6 27.8#

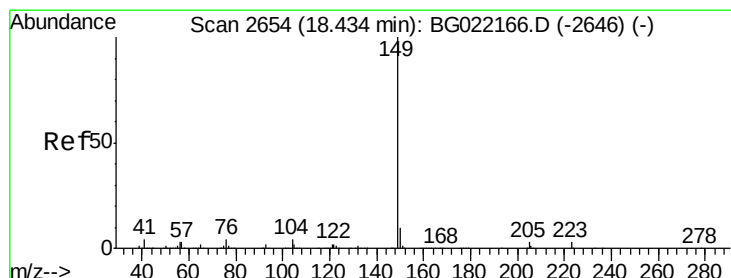
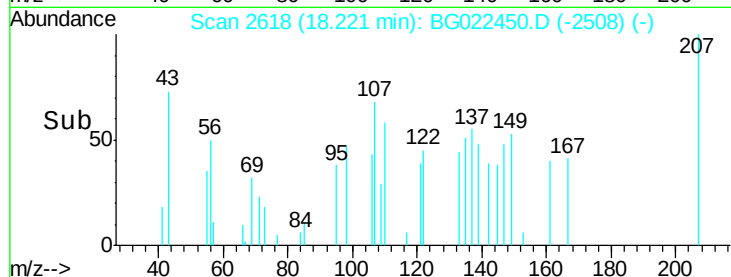
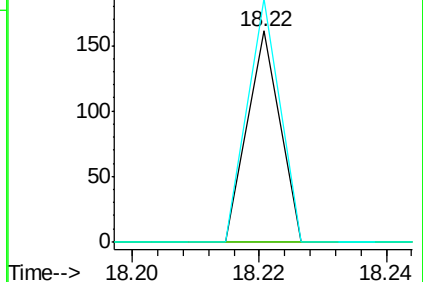
139 115.5 10.6 15.8#



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



#73

Di-n-butylphthalate

Concen: 79.46 ng

RT: 18.77 min Scan# 2712

Delta R.T. 0.36 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

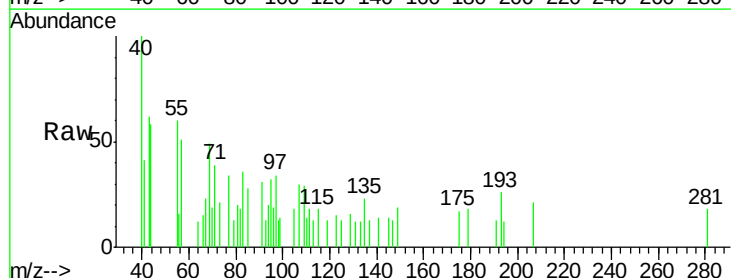
Tgt Ion:149 Resp: 318

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.0#

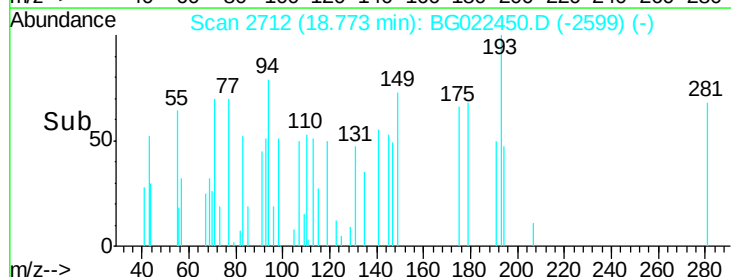
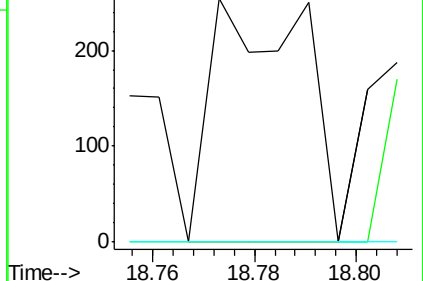
104 0.0 4.0 6.0#

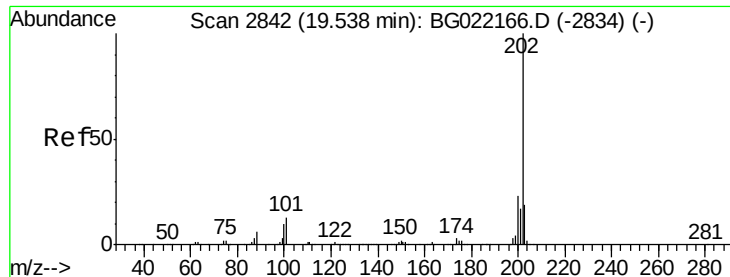


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 30.70 ng

RT: 19.87 min Scan# 2898

Delta R.T. 0.35 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

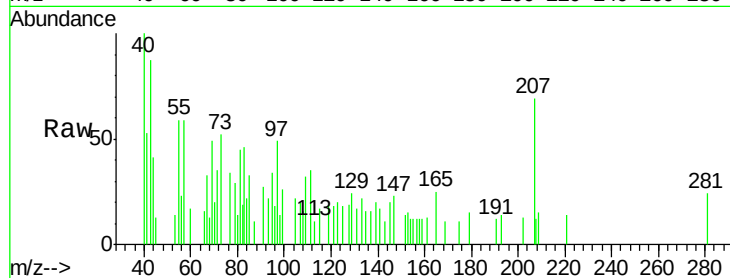
Instrument :

BNA_G

ClientSampled :

W-36

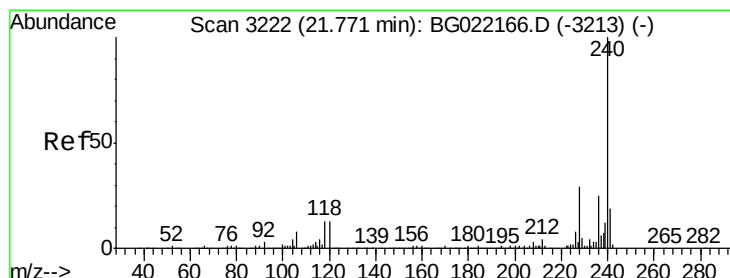
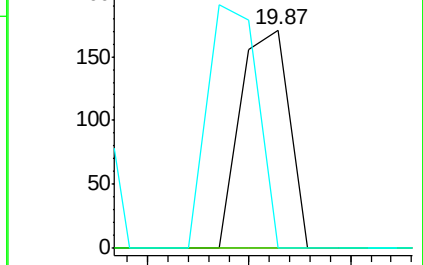
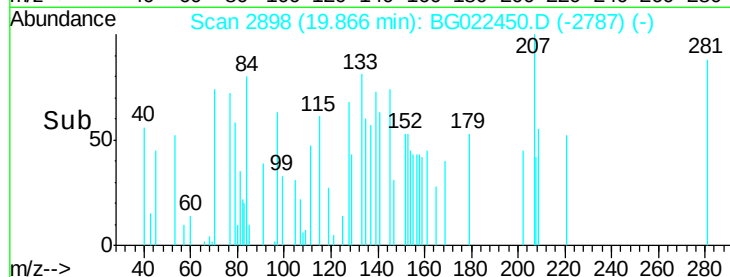
Tgt Ion:	202	Resp:	115
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	31.0
203	0.0	0.0	37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

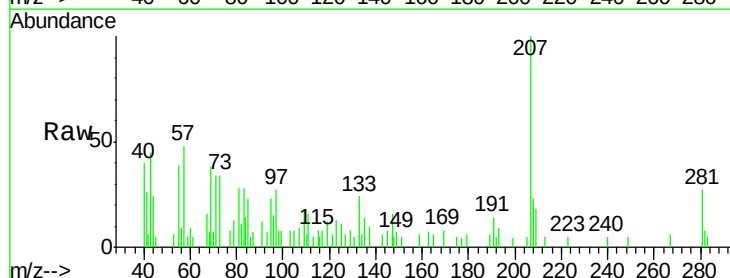
RT: 22.19 min Scan# 3294

Delta R.T. 0.45 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

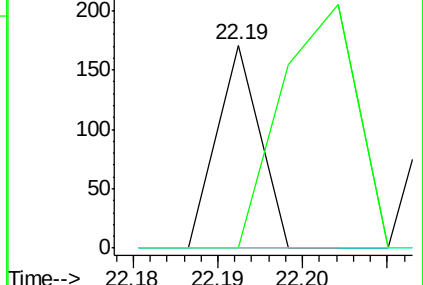
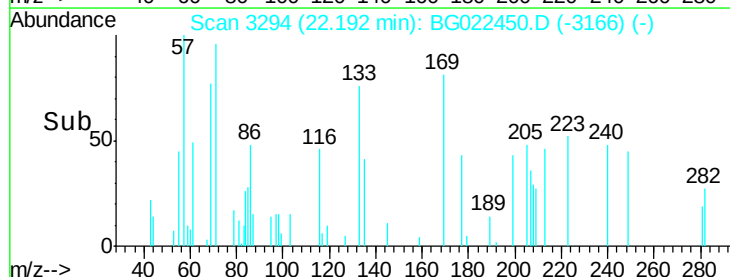
Tgt Ion:	240	Resp:	60
Ion	Ratio	Lower	Upper
240	100		
120	0.0	8.4	12.6#
236	0.0	19.6	29.4#

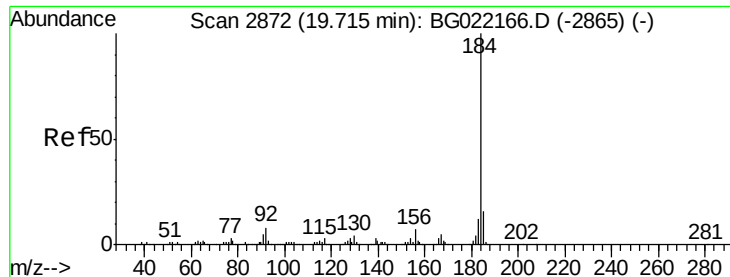


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 5622.64 ng

RT: 19.98 min Scan# 2917

Delta R.T. 0.29 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

Instrument :

BNA_G

ClientSampleId :

W-36

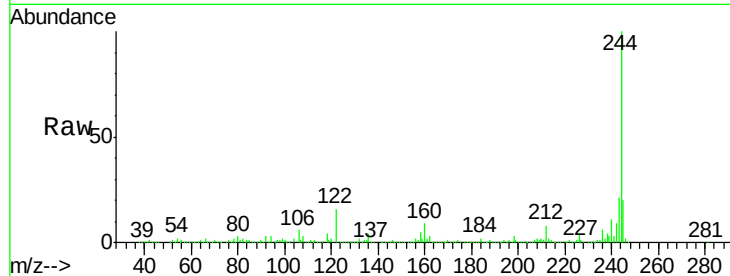
Tgt Ion:184 Resp: 8822

Ion Ratio Lower Upper

184 100

185 18.5 11.5 17.3#

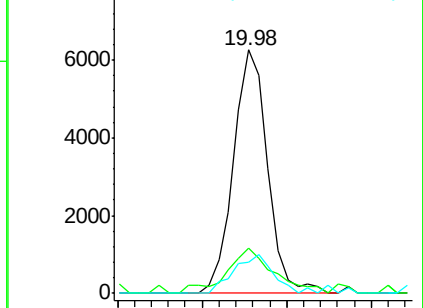
183 12.8 10.2 15.4



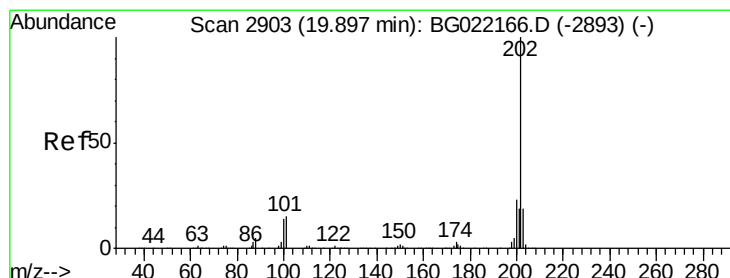
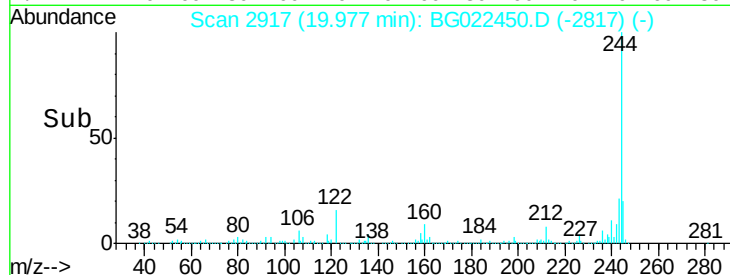
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 19.90 19.95 20.00 20.05



#77

Pyrene

Concen: 14.48 ng

RT: 20.39 min Scan# 2988

Delta R.T. 0.52 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

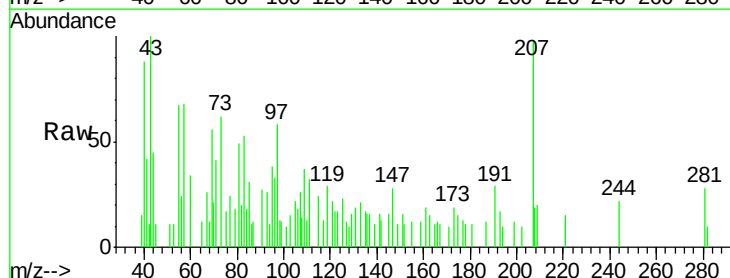
Tgt Ion:202 Resp: 54

Ion Ratio Lower Upper

202 100

200 0.0 18.2 27.2#

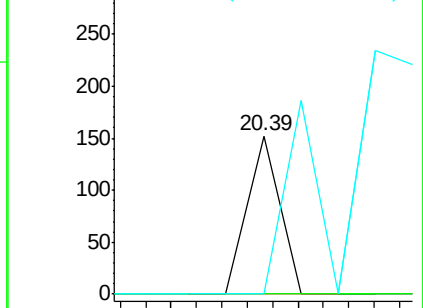
203 0.0 15.0 22.4#



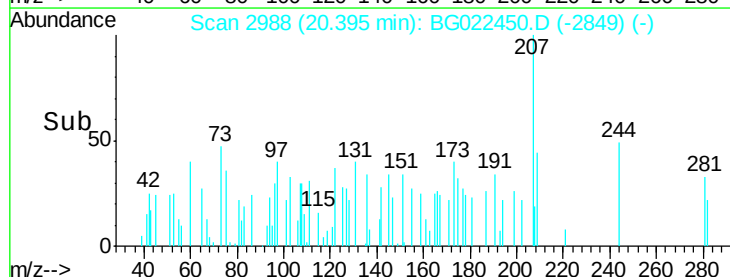
Abundance Ion 202.00 (201.70 to 202.70): E

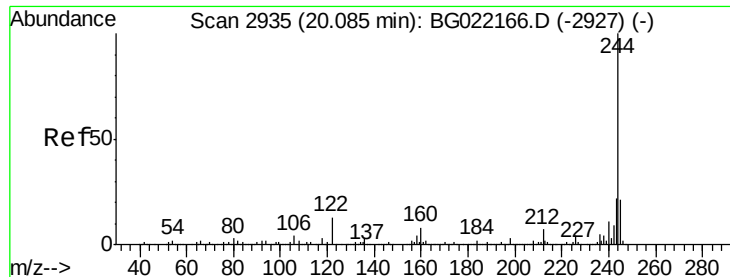
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 20.38 20.40





#78

Terphenyl-d14

Concen: 29.68 ng

RT: 20.45 min Scan# 2998

Delta R.T. 0.39 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

Instrument :

BNA_G

ClientSampled :

W-36

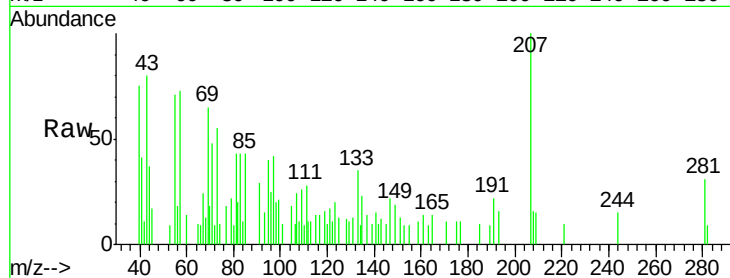
Tgt Ion:244 Resp: 75

Ion Ratio Lower Upper

244 100

212 0.0 6.5 9.7#

122 70.8 8.6 12.8#

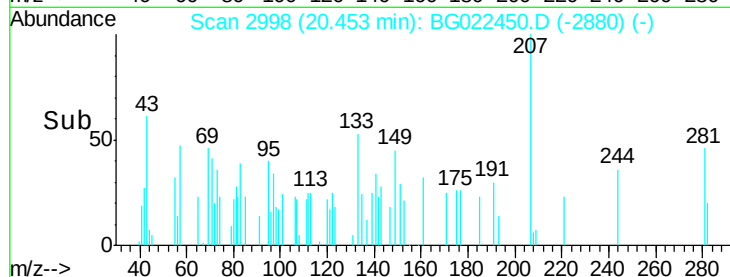


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

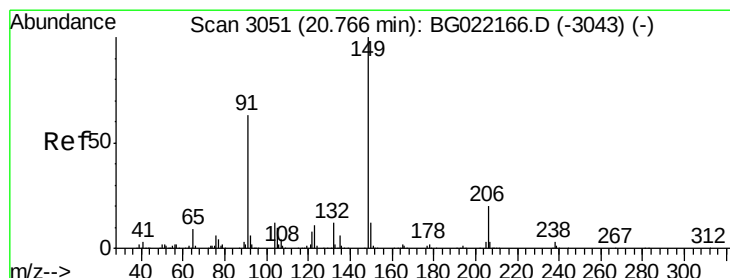
Ion 122.00 (121.70 to 122.70): E

Time-->



Abundance

Time-->



#79

Butylbenzylphthalate

Concen: 45.67 ng

RT: 21.20 min Scan# 3125

Delta R.T. 0.46 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

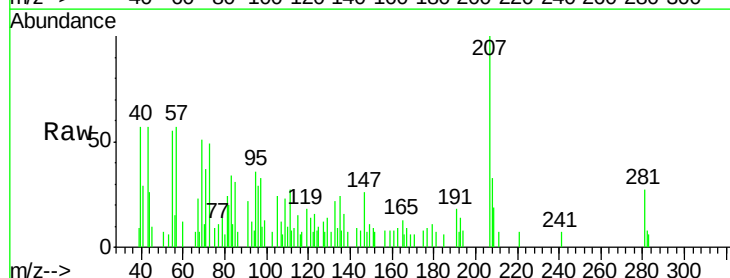
Tgt Ion:149 Resp: 79

Ion Ratio Lower Upper

149 100

91 196.2 57.8 86.8#

206 0.0 17.0 25.4#

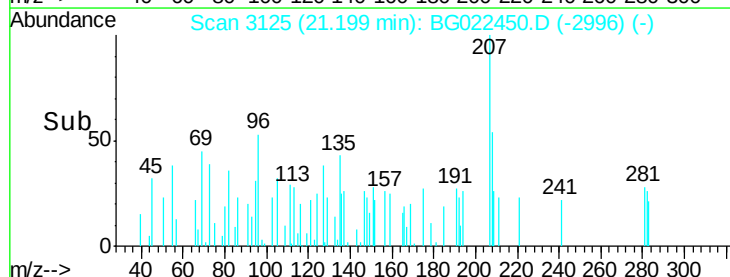


Abundance Ion 149.00 (148.70 to 149.70): E

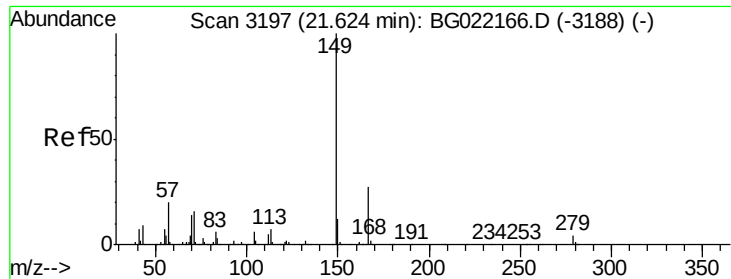
Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

Time-->



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 79.01 ng

RT: 22.05 min Scan# 3269

Delta R.T. 0.45 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

Instrument :

BNA_G

ClientSampled :

W-36

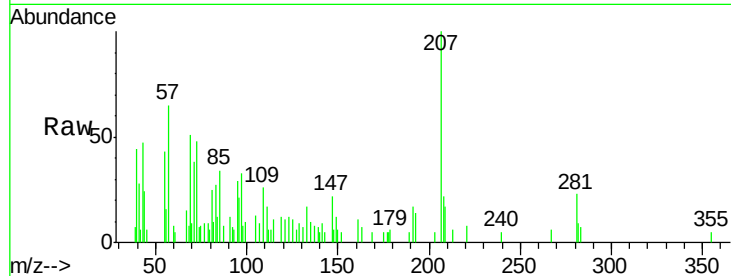
Tgt Ion:149 Resp: 201

Ion Ratio Lower Upper

149 100

167 0.0 22.4 33.6#

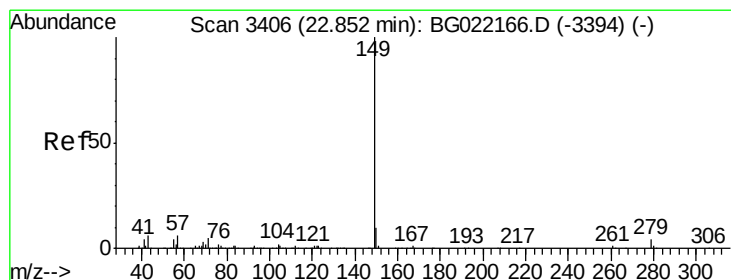
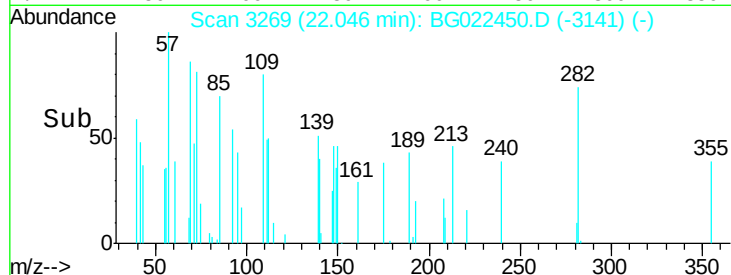
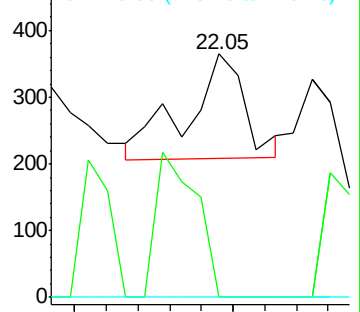
279 0.0 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 34.33 ng

RT: 23.29 min Scan# 3481

Delta R.T. 0.48 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

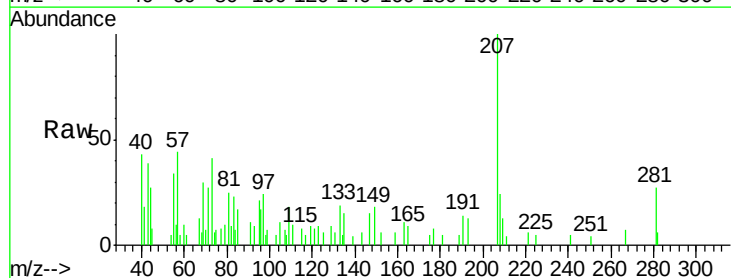
Tgt Ion:149 Resp: 145

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

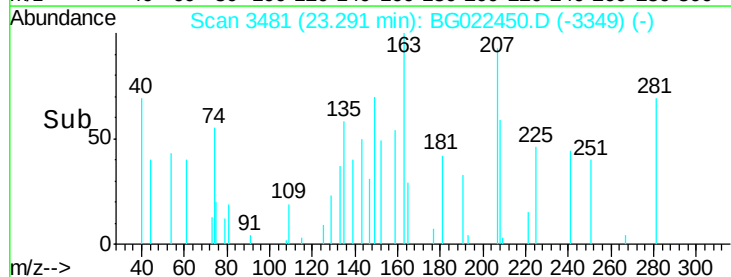
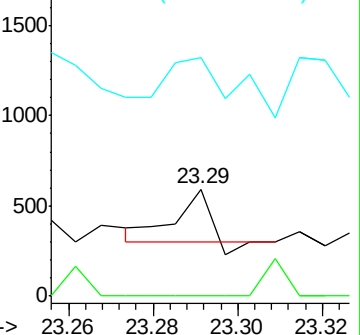
43 267.6 9.8 14.6#

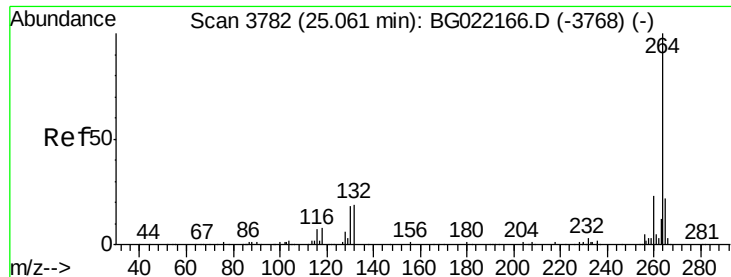


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

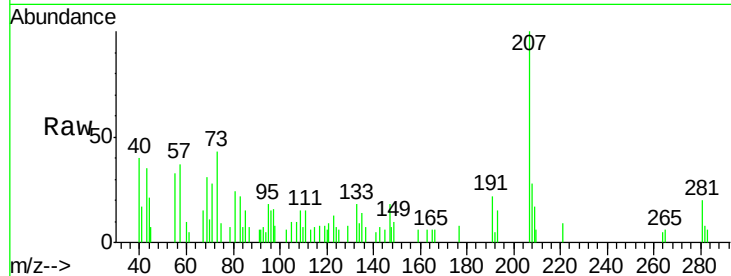




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.53 min Scan# 3862
Delta R.T. 0.52 min
Lab File: BG022450.D
Acq: 20 Jun 2016 21:00

Instrument :
BNA_G
ClientSampleId :
W-36

Tgt Ion: 264 Resp: 56
Ion Ratio Lower Upper
264 100
260 0.0 20.2 30.4#
265 103.2 17.8 26.8#



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

