

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052316\
 Data File : BG022057.D
 Acq On : 23 May 2016 22:00
 Operator : UM/SJ
 Sample : H3086-21MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 24 07:46:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 07:40:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	38019	20.00	ng/ul	0.02
18) Naphthalene-d8	11.01	136	159025	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.83	164	84212	20.00	ng/ul	0.04
61) Phenanthrene-d10	17.58	188	145271	20.00	ng/ul	0.04
75) Chrysene-d12	21.89	240	192827	20.00	ng/ul	0.07
83) Perylene-d12	25.12	264	94114	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	535	0.73	ng/uL	0.00
5) Phenol-d5	7.34	99	44662	13.00	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.49	67	21674	12.04	ng/ul	0.01
9) 2-Chlorophenol-d4	7.71	132	39170	13.64	ng/ul	0.02
13) 4-Methylphenol-d8	8.89	113	39947	13.71	ng/ul	0.02
19) Nitrobenzene-d5	9.34	128	20462	17.45	ng/ul	0.01
22) 2-Nitrophenol-d4	10.08	143	23112	18.19	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.63	165	39218	17.50	ng/ul	0.03
29) 4-Chloroaniline-d4	11.11	131	128961	52.83	ng/ul	0.00
43) Dimethylphthalate-d6	14.21	166	120389	19.03	ng/ul	0.03
46) Acenaphthylene-d8	14.53	160	158721	17.97	ng/ul	0.04
51) 4-Nitrophenol-d4	15.04	143	43822	40.23	ng/ul	0.05
57) Fluorene-d10	15.82	176	113473	19.16	ng/ul	0.05
62) 4,6-Dinitro-2-methylphenol	15.92	200	17218	22.67	ng/ul	0.02
70) Anthracene-d10	17.68	188	140813	20.20	ng/ul	0.04
76) Pyrene-d10	19.95	212	177144	16.29	ng/ul	0.05
87) Benzo(a)pyrene-d12	24.87	264	376	0.09	ng/ul	-0.05

Target Compounds

						Ovalue
6) Phenol	7.36	94	45051	13.02	ng/ul	96
10) 2-Chlorophenol	7.75	128	38387	13.56	ng/ul	94
14) Acetophenone	8.99	105	5093	1.25	ng/ul#	49
15) N-Nitroso-di-n-propylamine	8.97	70	29695	14.12	ng/ul	98
17) Hexachloroethane	9.29	117	2979	2.64	ng/ul#	10
21) Isophorone	9.91	82	5425	1.07	ng/ul#	1
28) Naphthalene	11.06	128	13645	1.69	ng/ul#	14
32) Caprolactam	11.90	113	15803	17.93	ng/ul#	1
33) 4-Chloro-3-methylphenol	12.28	107	36254	15.48	ng/ul	95
34) 2-Methylnaphthalene	12.66	142	417352	72.41	ng/ul	99
39) 2,4,5-Trichlorophenol	13.35	196	3185	1.78	ng/ul#	29
40) 1,1'-Biphenyl	13.65	154	30070	4.34	ng/ul#	75
41) 2-Chloronaphthalene	13.66	162	15172	2.85	ng/ul#	1
42) 2-Nitroaniline	13.86	65	4115	3.43	ng/ul#	38
44) Dimethylphthalate	14.26	163	37678	5.93	ng/ul#	35
45) 2,6-Dinitrotoluene	14.37	165	5172	3.79	ng/ul#	44
47) Acenaphthylene	14.56	152	70402	7.82	ng/ul#	1
48) 3-Nitroaniline	14.74	138	1453	1.11	ng/ul#	57
49) Acenaphthene	14.90	153	420918	67.72	ng/ul	95
52) 4-Nitrophenol	15.05	109	29455	47.96	ng/ul#	53
53) Dibenzofuran	15.23	168	84255	10.96	ng/ul#	1
54) 2,4-Dinitrotoluene	15.23	165	140036	76.18	ng/ul#	59
58) Fluorene	15.88	166	209967	32.37	ng/ul#	90

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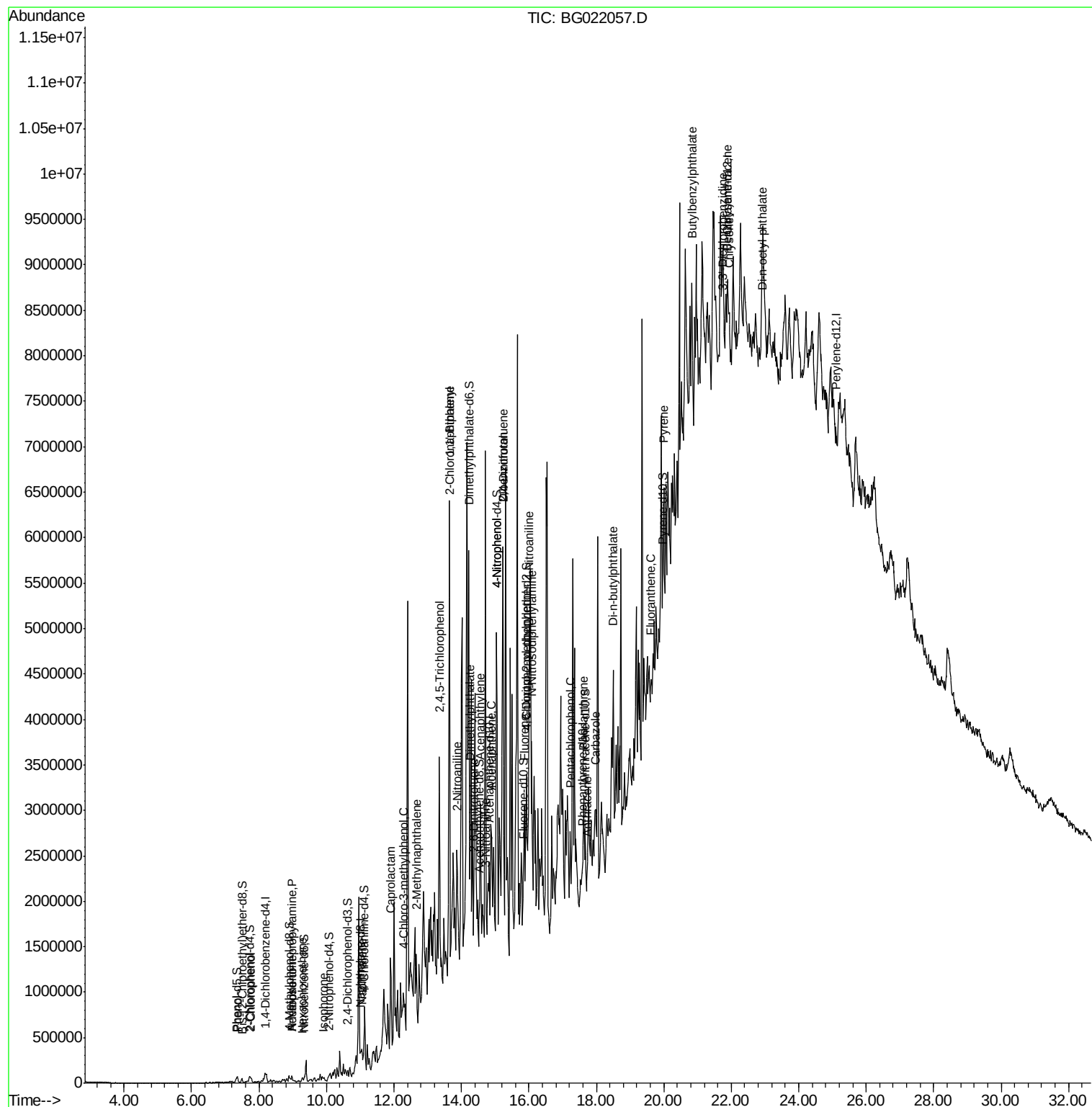
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) 4-Chlorophenyl-phenylether	15.92	204	3758	1.29	ng/ul#	1
60) 4-Nitroaniline	16.01	138	11580	8.07	ng/ul	94
64) N-Nitrosodiphenylamine	16.08	169	435645	94.85	ng/ul#	48
68) Pentachlorophenol	17.23	266	12606	14.21	ng/ul	93
69) Phenanthrene	17.62	178	604123	74.76	ng/ul#	91
71) Anthracene	17.71	178	24757	3.02	ng/ul#	49
72) Carbazole	17.97	167	8008	1.13	ng/ul#	1
73) Di-n-butylphthalate	18.50	149	34963	3.68	ng/ul#	5
74) Fluoranthene	19.62	202	65722	7.96	ng/ul#	84
77) Pvrene	19.99	202	500211	36.87	ng/ul	95
78) Butylbenzylphthalate	20.82	149	12346	1.92	ng/ul#	77
79) 3,3'-Dichlorobenzidine	21.75	252	6827	1.88	ng/ul#	1
80) Benzo(a)anthracene	21.87	228	70110	6.20	ng/ul#	22
82) Chrysene	21.93	228	142451	13.13	ng/ul#	52
84) Di-n-octyl phthalate	22.91	149	87321	11.39	ng/ul	100

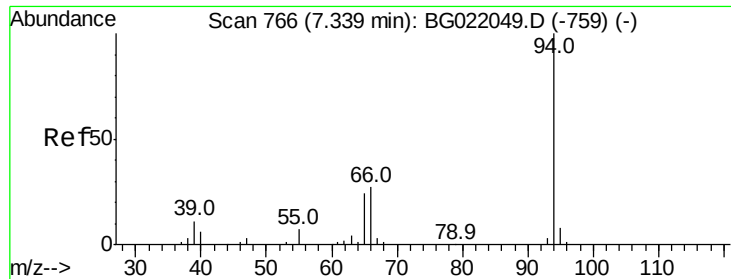
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_G
ClientSampled :

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#6

Phenol

Concen: 13.02 ng/ul

RT: 7.36 min Scan# 770

Delta R.T. 0.02 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

Instrument :

BNA_G

ClientSampleId :

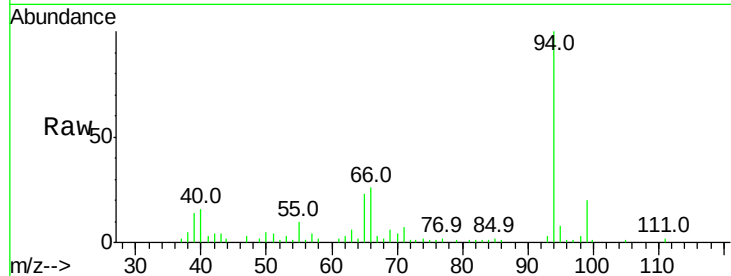
Tot Ion: 94 Resp: 45051

Ion Ratio Lower Upper

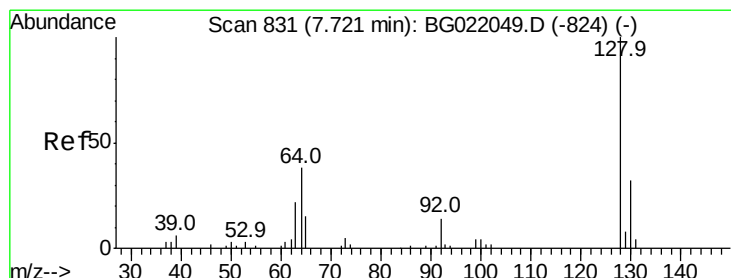
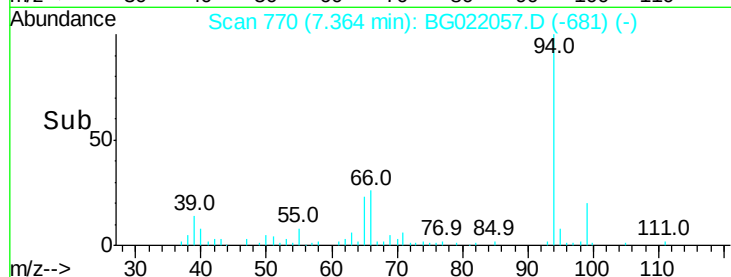
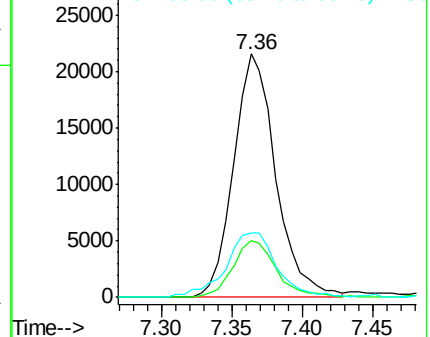
94 100

65 23.2 16.8 25.2

66 26.2 22.6 33.8



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#10

2-Chlorophenol

Concen: 13.56 ng/ul

RT: 7.75 min Scan# 835

Delta R.T. 0.02 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

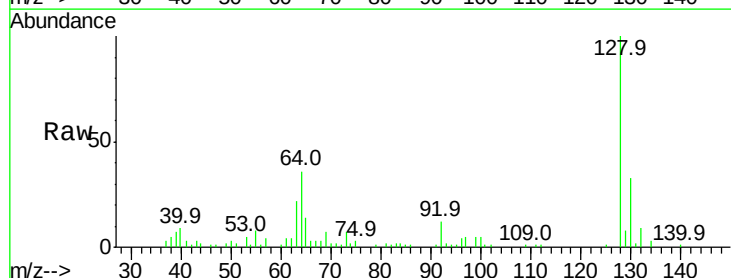
Tgt Ion: 128 Resp: 38387

Ion Ratio Lower Upper

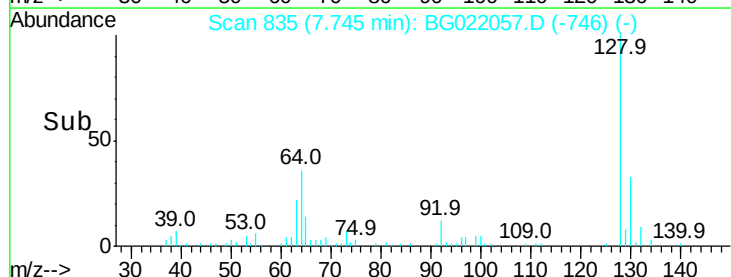
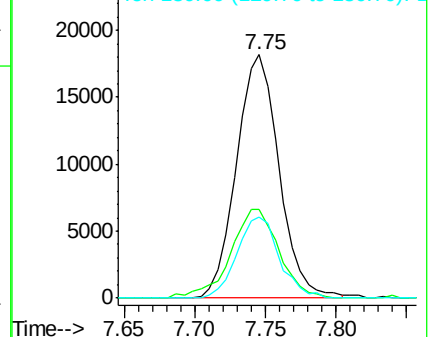
128 100

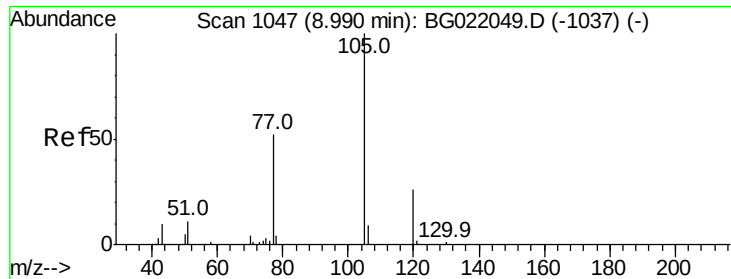
64 36.3 34.2 51.4

130 33.1 27.0 40.4



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





#14

Acetophenone

Concen: 1.25 ng/ul

RT: 8.99 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

Instrument :

BNA_G

ClientSampled :

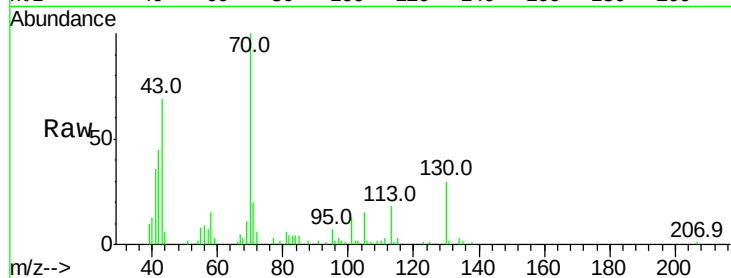
Tot Ion:105 Resp: 5093

Ion Ratio Lower Upper

105 100

77 21.1 56.1 84.1#

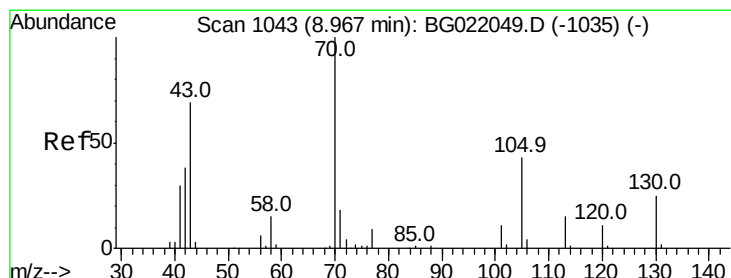
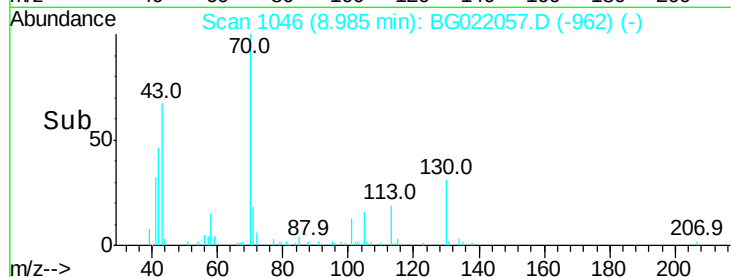
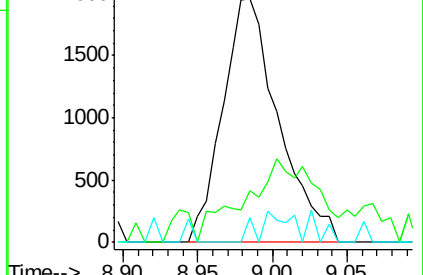
51 9.9 14.6 22.0#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#15

N-Nitroso-di-n-propylamine

Concen: 14.12 ng/ul

RT: 8.97 min Scan# 1044

Delta R.T. 0.01 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

Tgt Ion: 70 Resp: 29695

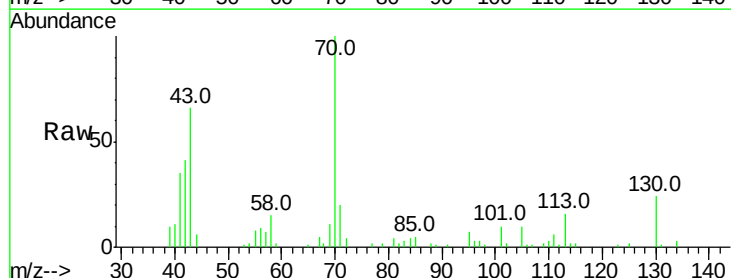
Ion Ratio Lower Upper

70 100

42 40.8 31.4 47.2

101 9.8 8.6 13.0

130 23.6 19.0 28.4

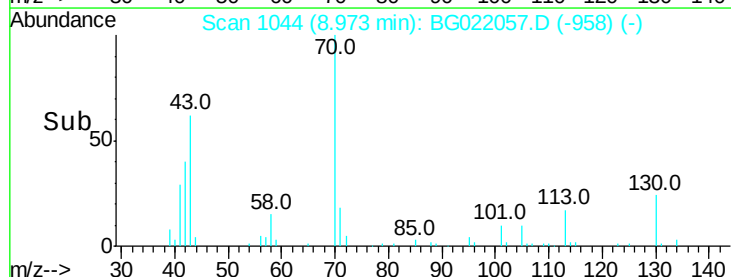
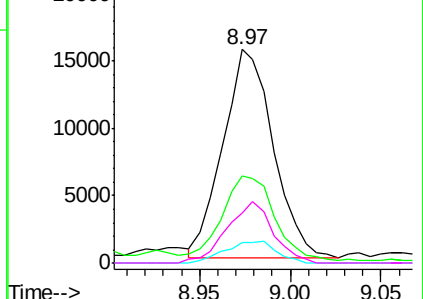


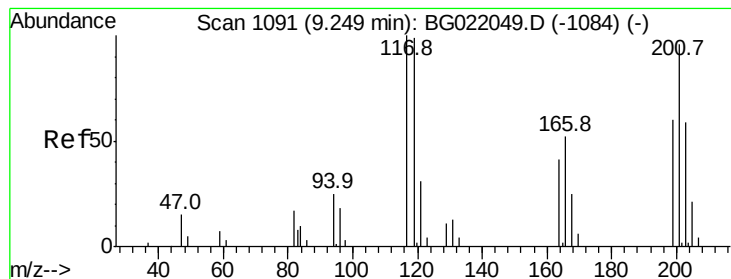
Abundance Ion 70.00 (69.70 to 70.70): BGC

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





#17

Hexachloroethane

Concen: 2.64 ng/ul

RT: 9.29 min Scan# 1098

Delta R.T. 0.04 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

Instrument :

BNA_G

ClientSampleId :

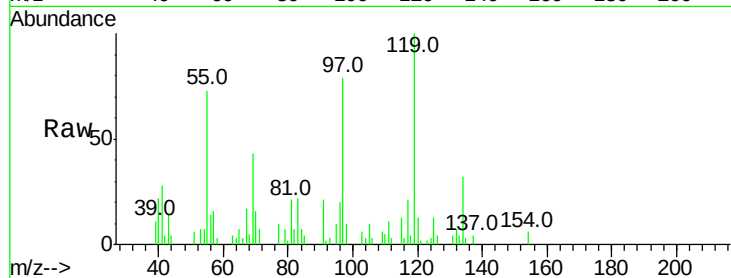
Tot Ion:117 Resp: 2979

Ion Ratio Lower Upper

117 100

201 0.0 76.8 115.2#

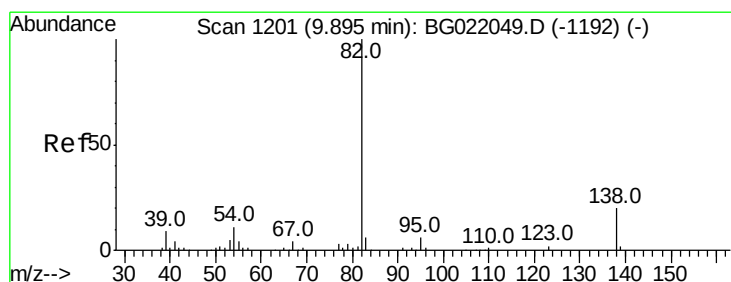
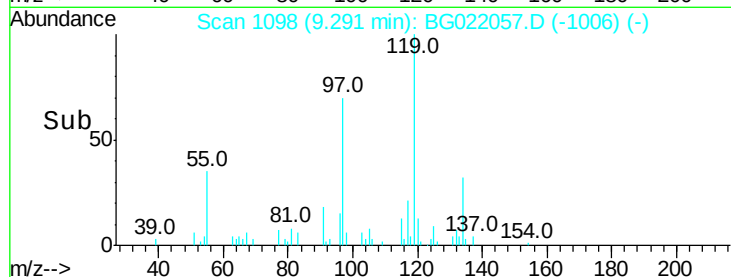
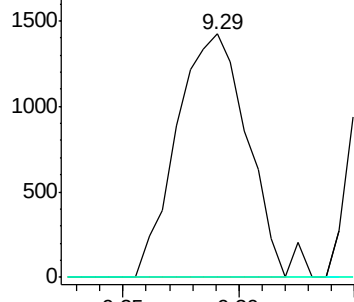
199 0.0 43.5 65.3#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#21

Isophorone

Concen: 1.07 ng/ul

RT: 9.91 min Scan# 1204

Delta R.T. 0.02 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

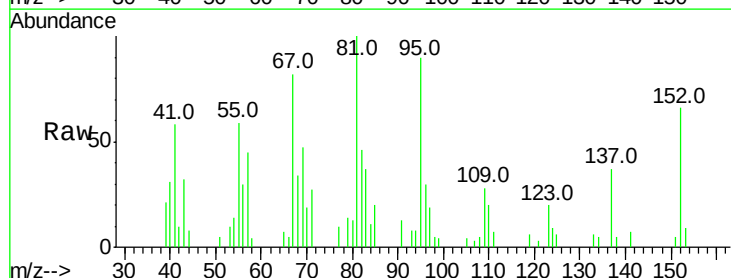
Tgt Ion: 82 Resp: 5425

Ion Ratio Lower Upper

82 100

95 195.4 5.1 7.7#

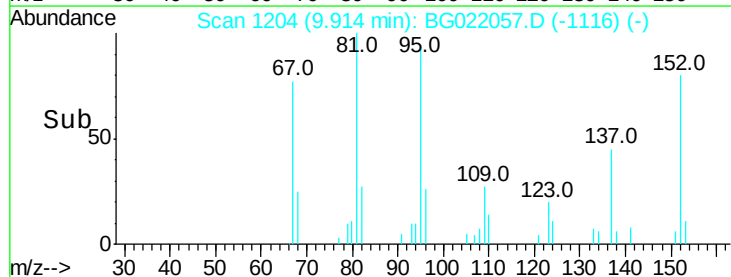
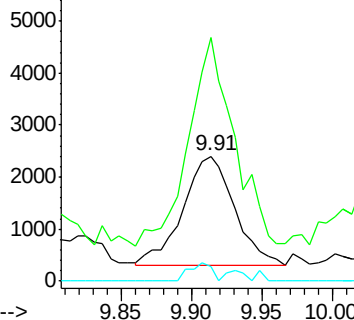
138 11.3 15.0 22.6#

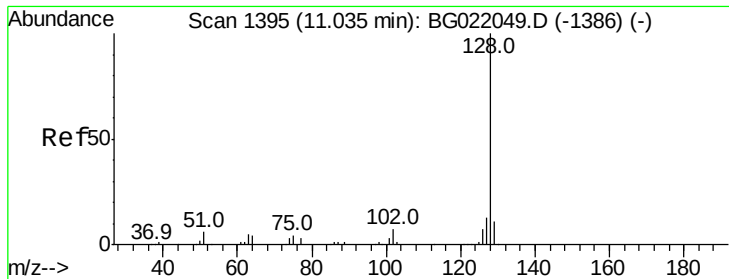


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): E

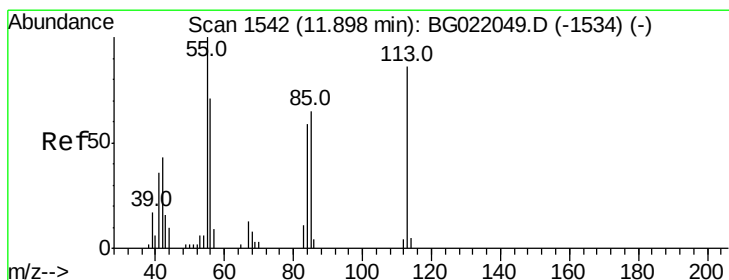
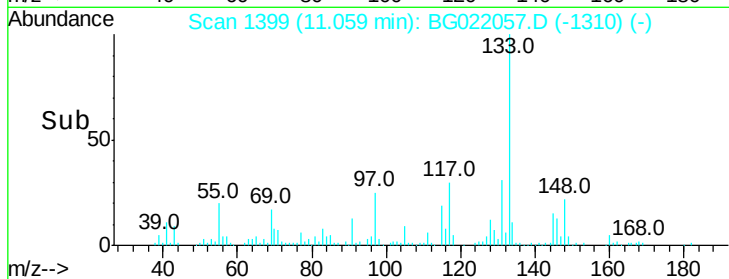
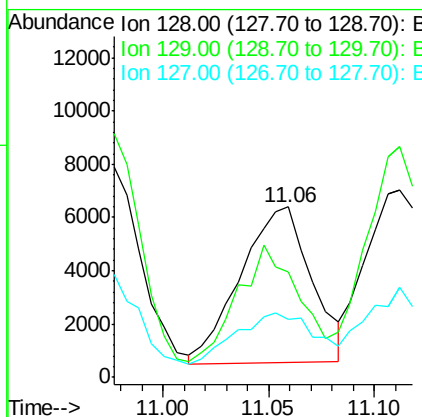
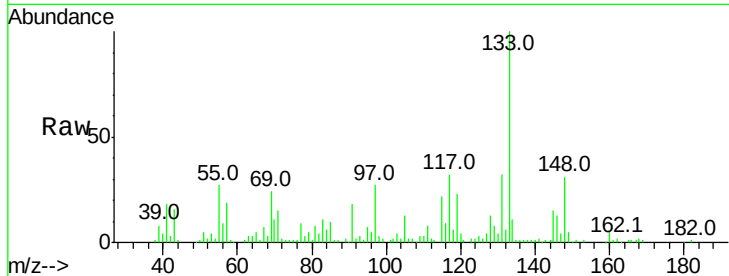




#28
Naphthalene
Concen: 1.69 ng/ul
RT: 11.06 min Scan# 1399
Delta R.T. 0.02 min
Lab File: BG022057.D
Acq: 23 May 2016 22:00

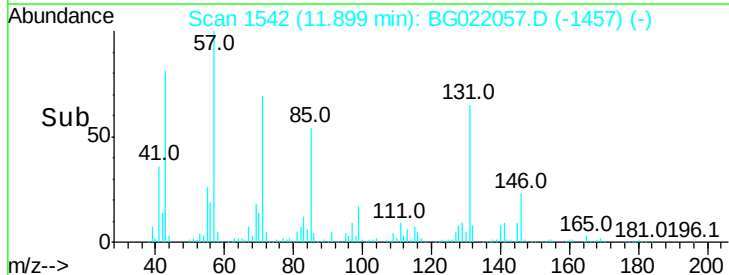
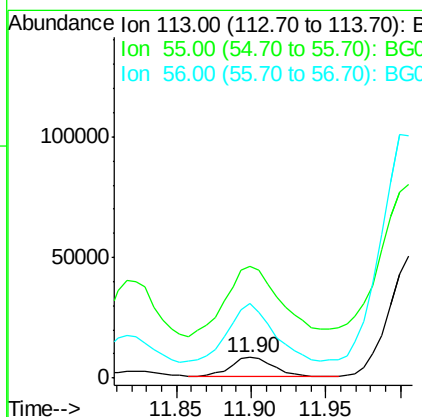
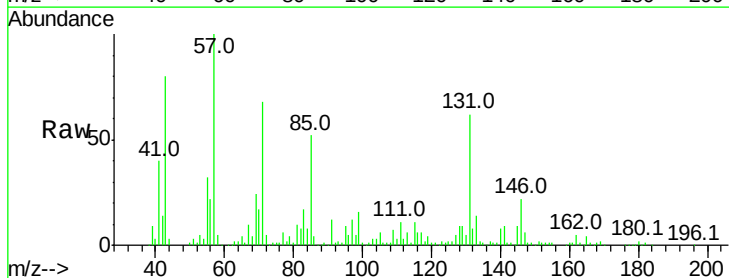
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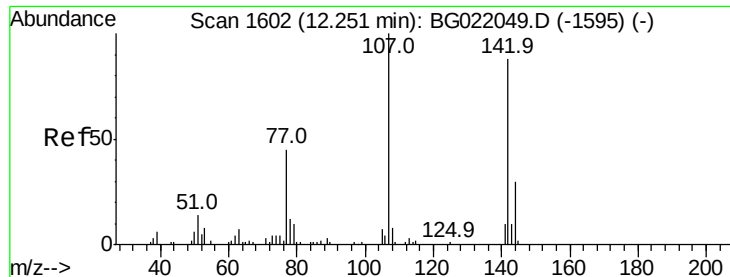
Tot Ion:128 Resp: 13645
Ion Ratio Lower Upper
128 100
129 61.6 9.4 14.2#
127 34.1 11.2 16.8#



#32
Caprolactam
Concen: 17.93 ng/ul
RT: 11.90 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BG022057.D
Acq: 23 May 2016 22:00

Tgt Ion:113 Resp: 15803
Ion Ratio Lower Upper
113 100
55 543.6 99.6 149.4#
56 363.7 66.4 99.6#

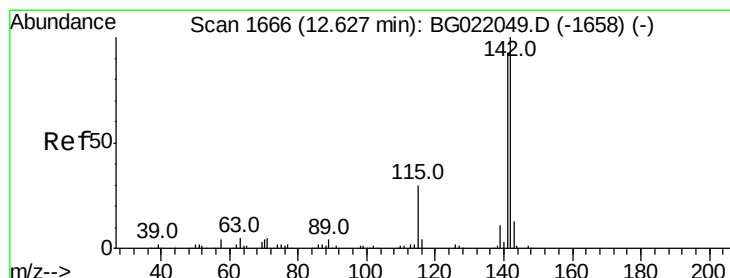
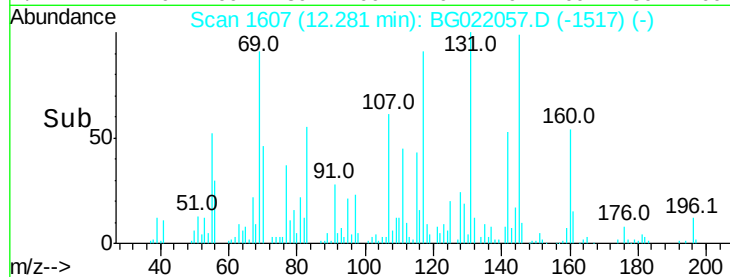
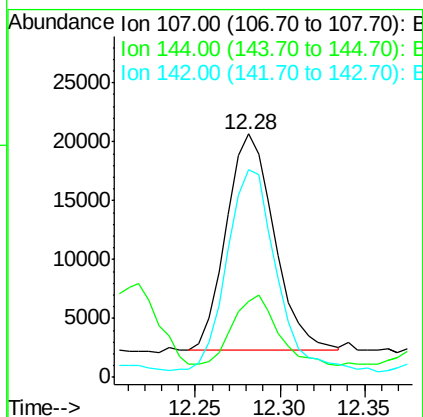
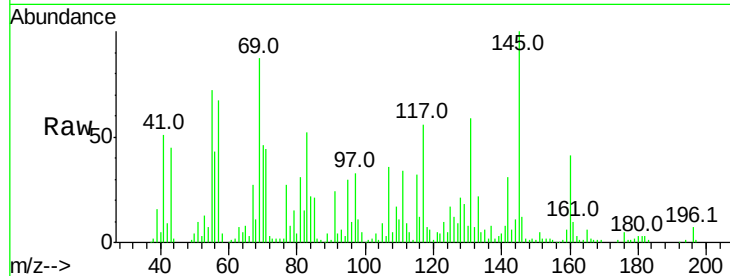




#33
 4-Chloro-3-methylphenol
 Concen: 15.48 ng/ul
 RT: 12.28 min Scan# 1607
 Delta R.T. 0.03 min
 Lab File: BG022057.D
 Acq: 23 May 2016 22:00

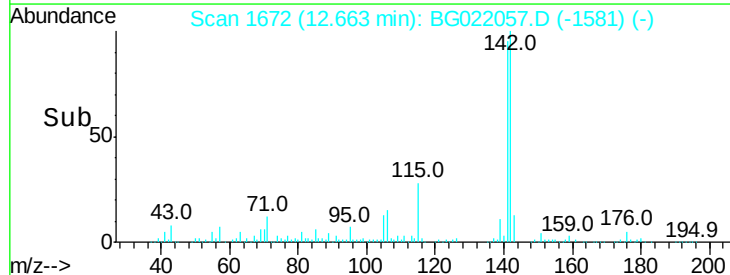
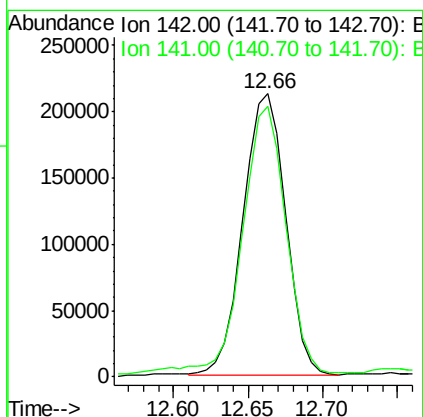
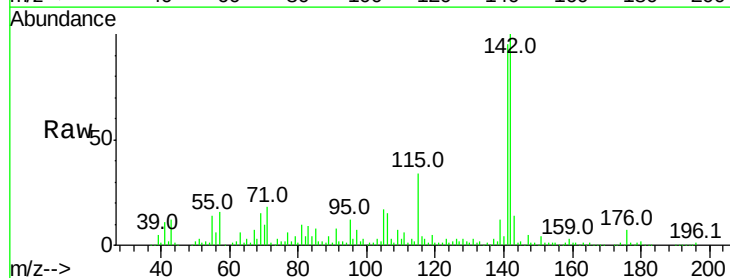
Instrument :
 BNA_G
 ClientSampled :

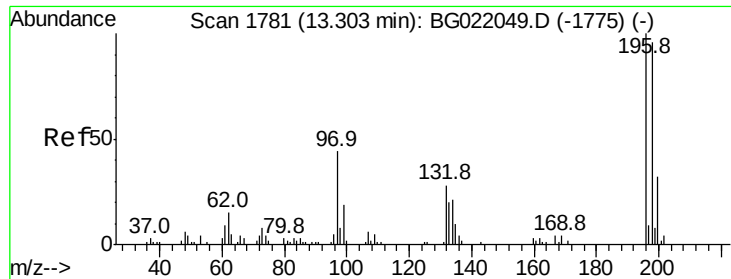
Tot Ion:107 Resp: 36254
 Ion Ratio Lower Upper
 107 100
 144 31.4 22.7 34.1
 142 85.4 71.6 107.4



#34
 2-Methylnaphthalene
 Concen: 72.41 ng/ul
 RT: 12.66 min Scan# 1672
 Delta R.T. 0.04 min
 Lab File: BG022057.D
 Acq: 23 May 2016 22:00

Tgt Ion:142 Resp: 417352
 Ion Ratio Lower Upper
 142 100
 141 95.4 75.2 112.8

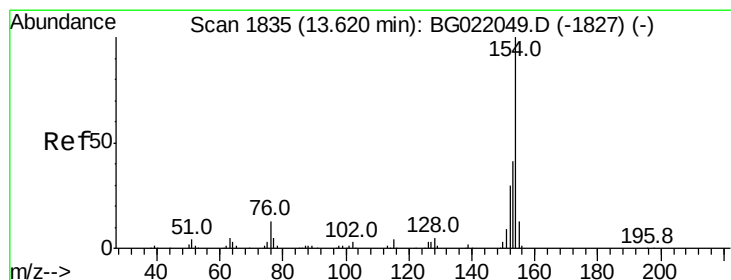
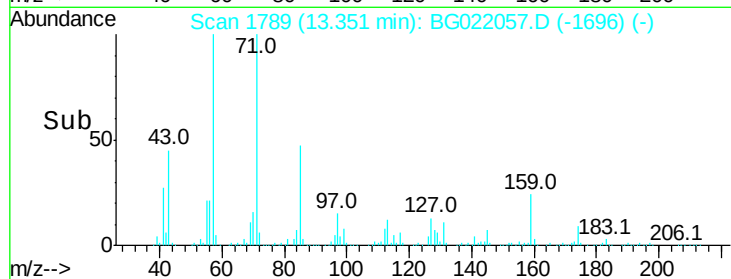
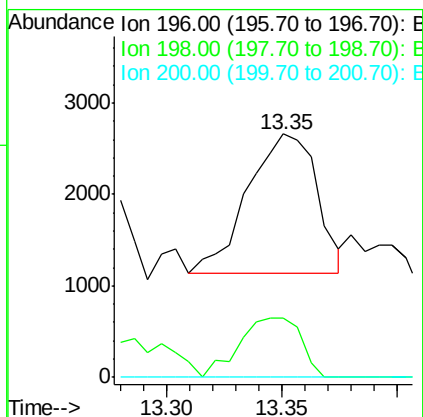
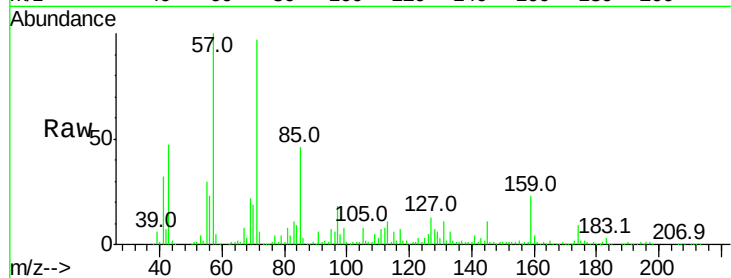




#39
 2,4,5-Trichlorophenol
 Concen: 1.78 ng/ul
 RT: 13.35 min Scan# 1789
 Delta R.T. 0.05 min
 Lab File: BG022057.D
 Acq: 23 May 2016 22:00

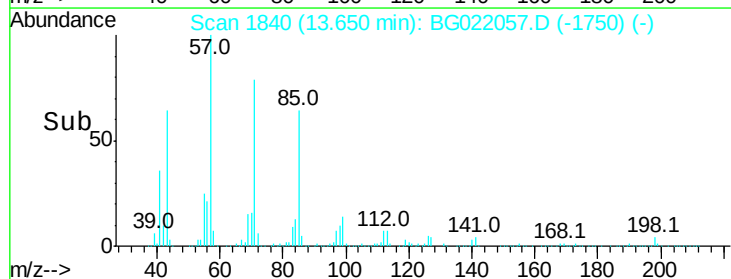
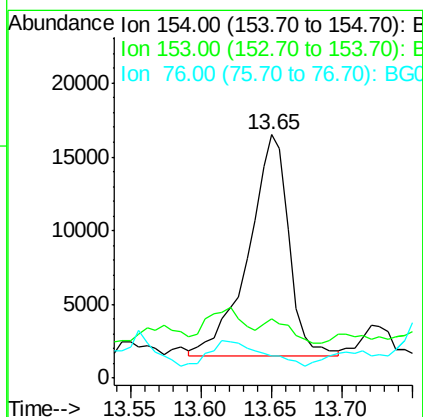
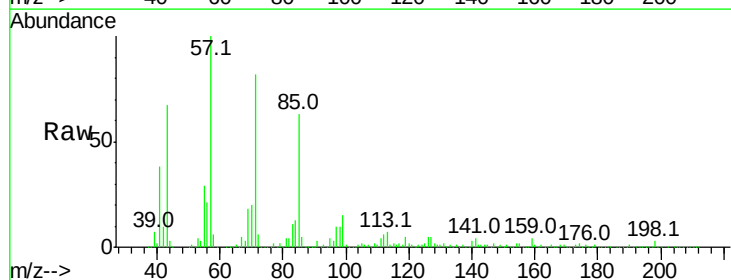
Instrument :
 BNA_G
 ClientSampleId :

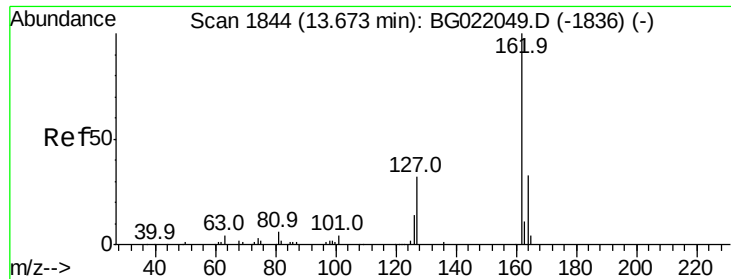
Tot Ion:196 Resp: 3185
 Ion Ratio Lower Upper
 196 100
 198 24.5 79.8 119.8#
 200 0.0 24.0 36.0#



#40
 1,1'-Biphenyl
 Concen: 4.34 ng/ul
 RT: 13.65 min Scan# 1840
 Delta R.T. 0.03 min
 Lab File: BG022057.D
 Acq: 23 May 2016 22:00

Tgt Ion:154 Resp: 30070
 Ion Ratio Lower Upper
 154 100
 153 24.4 34.6 52.0#
 76 9.3 11.9 17.9#





#41

2-Chloronaphthalene

Concen: 2.85 ng/ul

RT: 13.66 min Scan# 1842

Delta R.T. -0.01 min

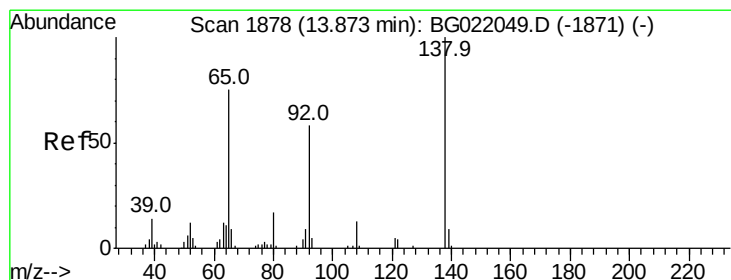
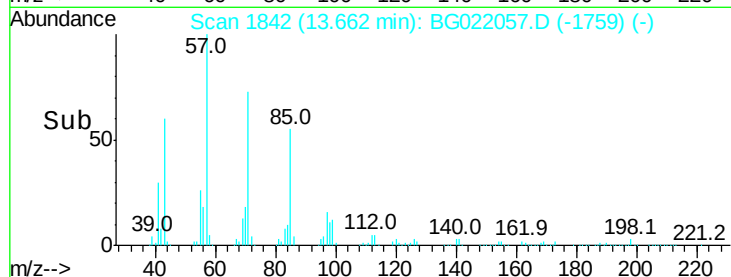
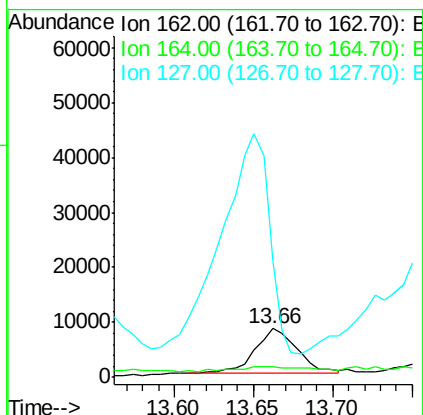
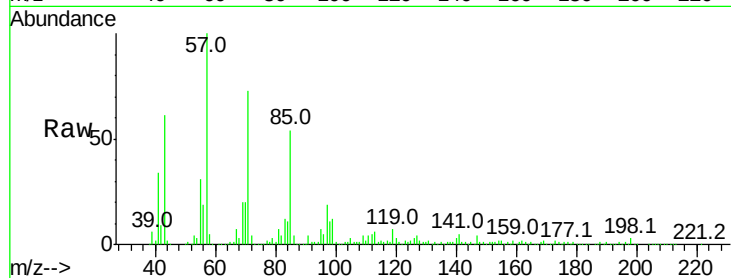
Lab File: BG022057.D

Acq: 23 May 2016 22:00

Instrument :
BNA_G
ClientSampled :

Tot Ion:162 Resp: 15172

Ion	Ratio	Lower	Upper
162	100		
164	22.1	25.4	38.2#
127	239.5	30.2	45.4#



#42

2-Nitroaniline

Concen: 3.43 ng/ul

RT: 13.86 min Scan# 1875

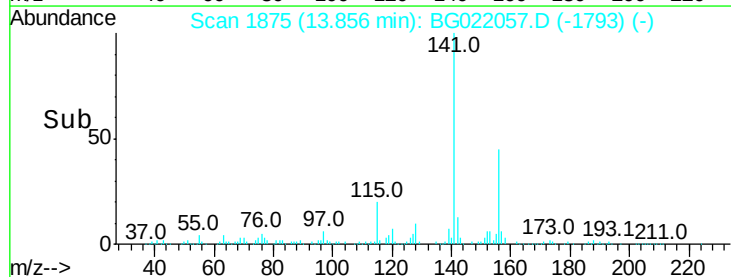
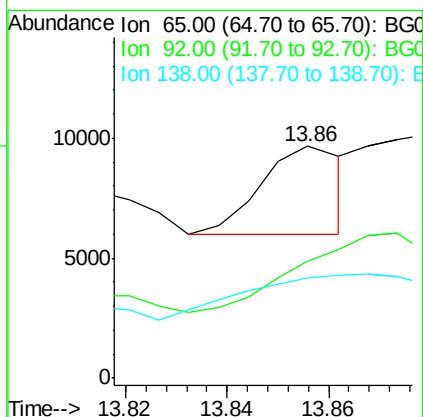
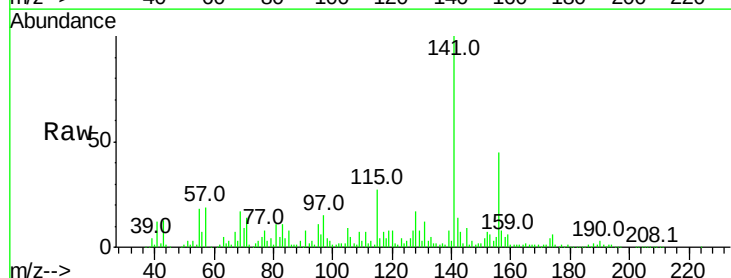
Delta R.T. -0.02 min

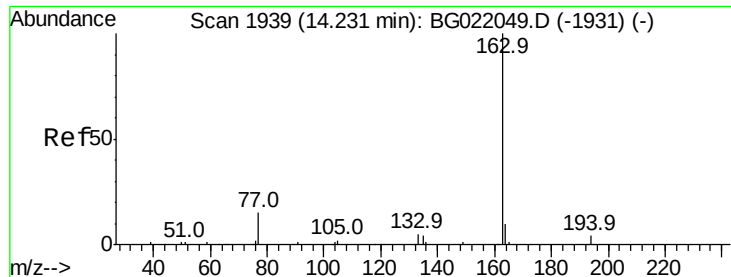
Lab File: BG022057.D

Acq: 23 May 2016 22:00

Tgt Ion: 65 Resp: 4115

Ion	Ratio	Lower	Upper
65	100		
92	50.5	67.1	100.7#
138	43.6	109.6	164.4#





#44

Dimethylphthalate

Concen: 5.93 ng/ul

RT: 14.26 min Scan# 1944

Delta R.T. 0.03 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

Instrument :

BNA_G

ClientSampleId :

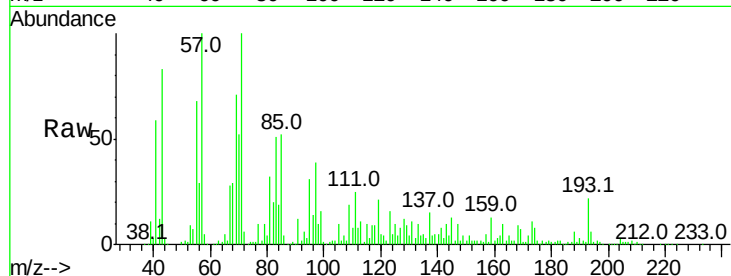
Tot Ion:163 Resp: 37678

Ion Ratio Lower Upper

163 100

194 60.6 3.4 5.2#

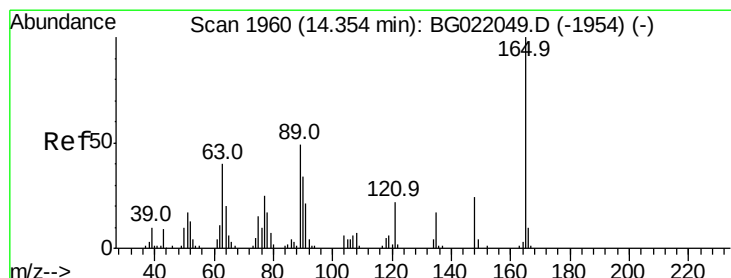
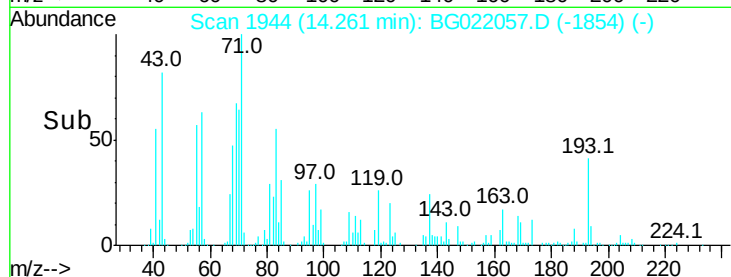
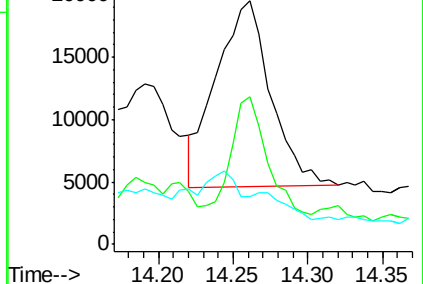
164 19.8 8.8 13.2#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 3.79 ng/ul

RT: 14.37 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

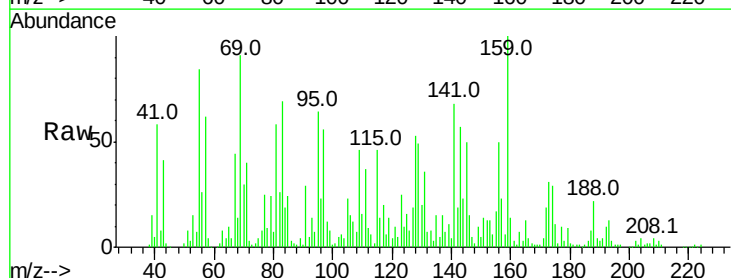
Tgt Ion:165 Resp: 5172

Ion Ratio Lower Upper

165 100

89 33.0 41.5 62.3#

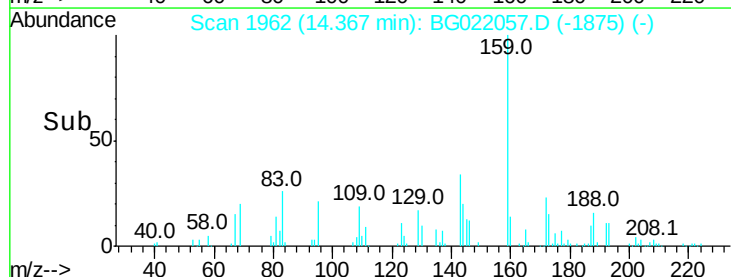
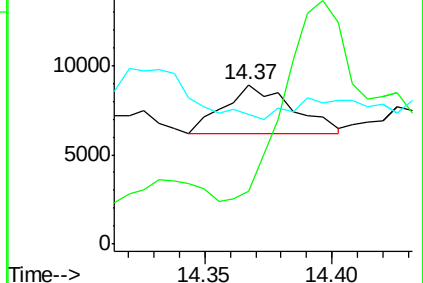
121 81.2 17.0 25.4#

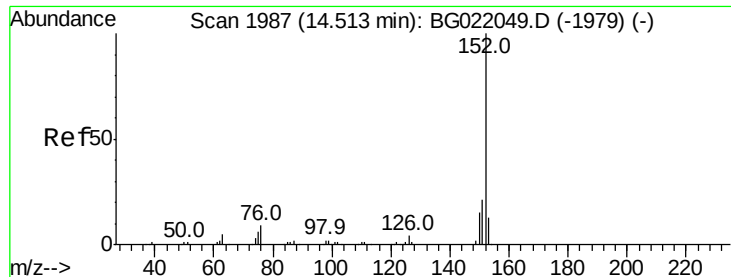


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 7.82 ng/ul

RT: 14.56 min Scan# 1994

Delta R.T. 0.04 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

Instrument :

BNA_G

ClientSampleId :

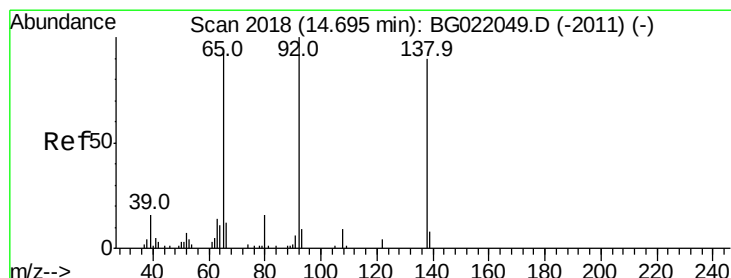
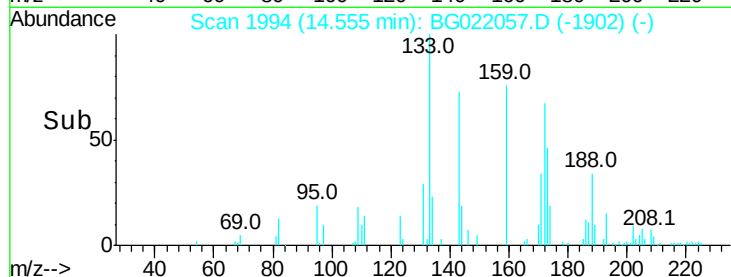
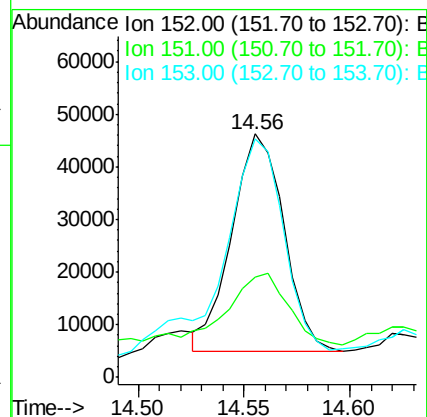
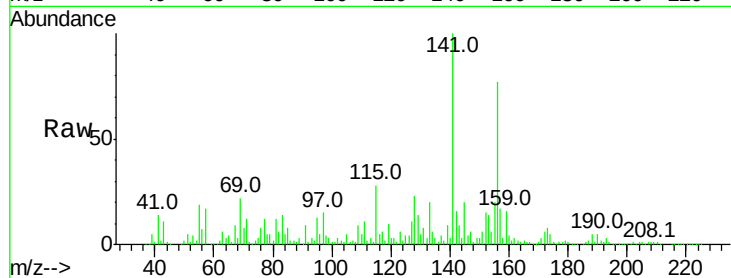
Tot Ion:152 Resp: 70402

Ion Ratio Lower Upper

152 100

151 41.2 17.5 26.3#

153 97.7 11.1 16.7#



#48

3-Nitroaniline

Concen: 1.11 ng/ul

RT: 14.74 min Scan# 2025

Delta R.T. 0.04 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

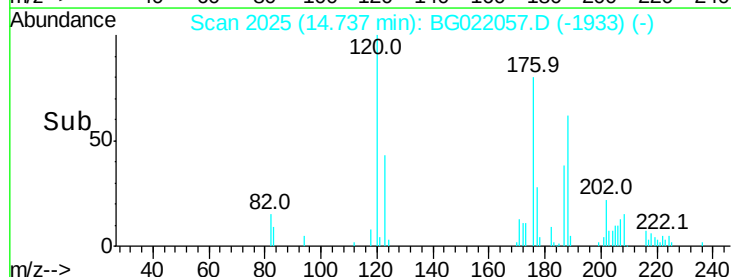
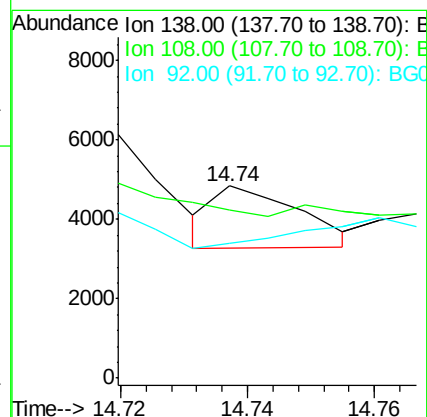
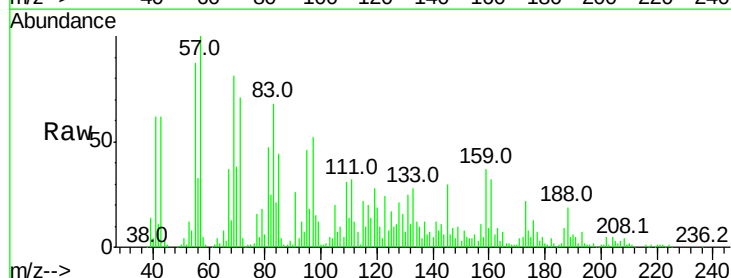
Tgt Ion:138 Resp: 1453

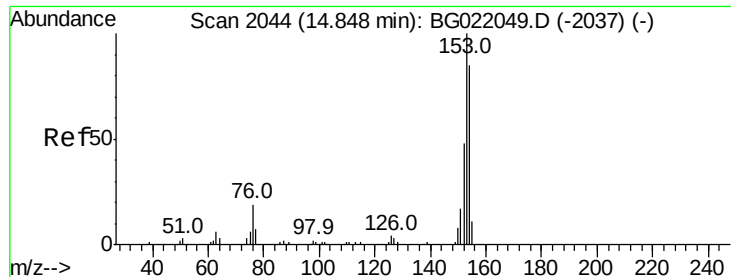
Ion Ratio Lower Upper

138 100

108 87.6 6.2 9.2#

92 70.2 79.3 118.9#





#49

Acenaphthene

Concen: 67.72 ng/ul

RT: 14.90 min Scan# 2052

Delta R.T. 0.05 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

Instrument :

BNA_G

ClientSampled :

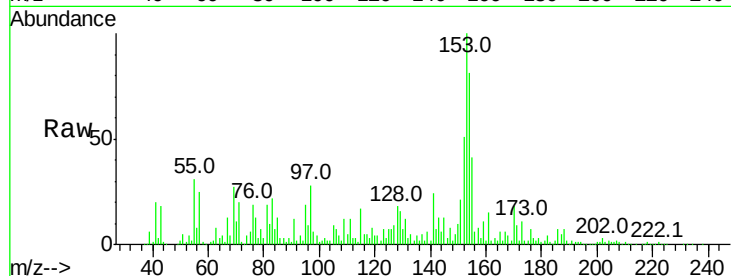
Tot Ion:153 Resp: 420918

Ion Ratio Lower Upper

153 100

152 51.0 37.3 55.9

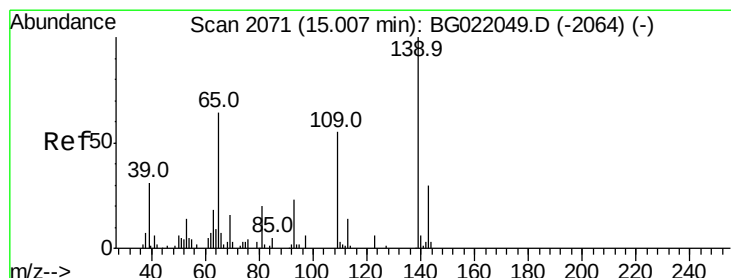
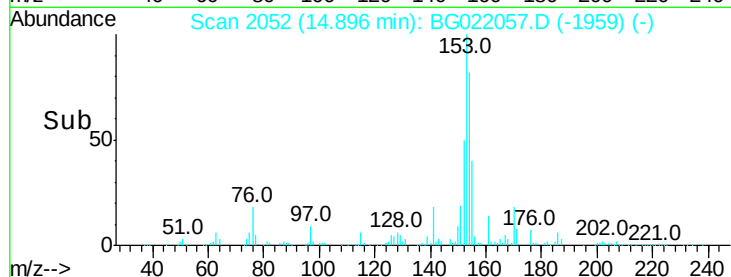
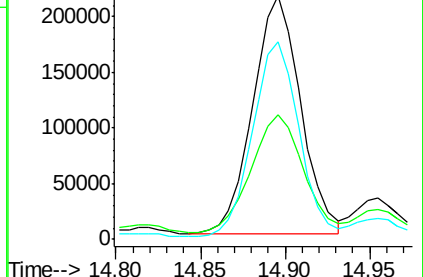
154 81.3 68.2 102.2



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



#52

4-Nitrophenol

Concen: 47.96 ng/ul

RT: 15.05 min Scan# 2078

Delta R.T. 0.04 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

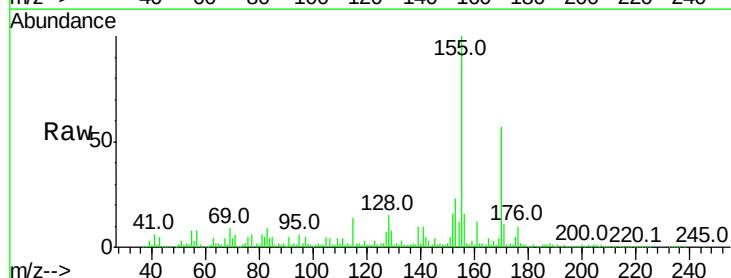
Tgt Ion:109 Resp: 29455

Ion Ratio Lower Upper

109 100

139 214.2 136.1 204.1#

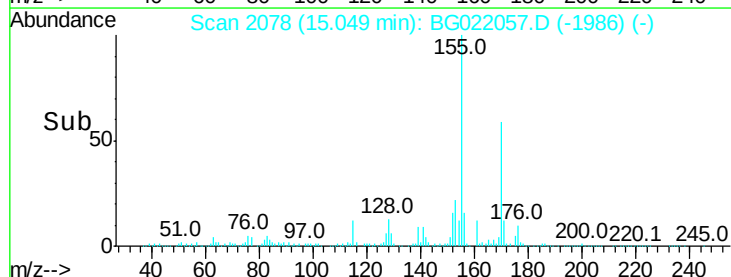
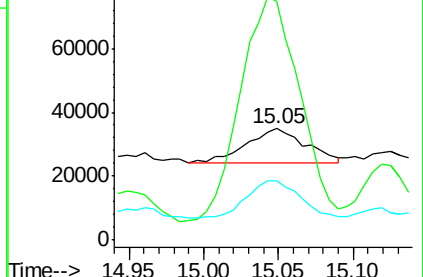
65 53.6 106.0 159.0#

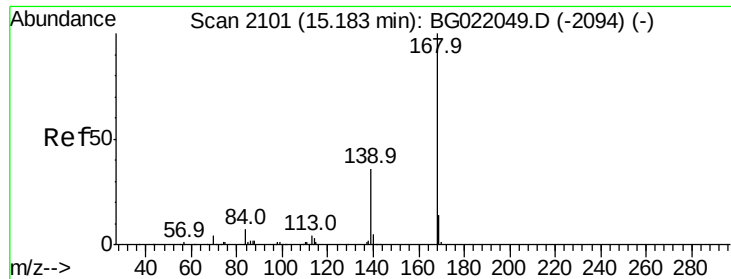


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC





#53

Dibenzenofuran

Concen: 10.96 ng/ul

RT: 15.23 min Scan# 2109

Delta R.T. 0.05 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

Instrument :

BNA_G

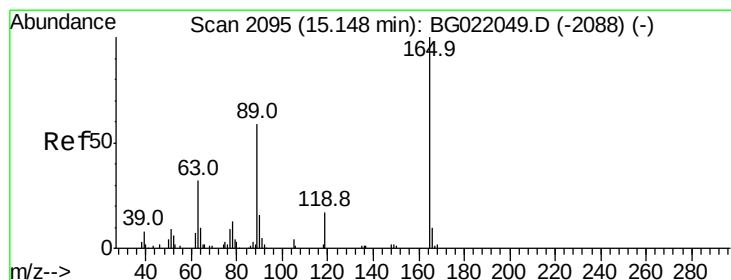
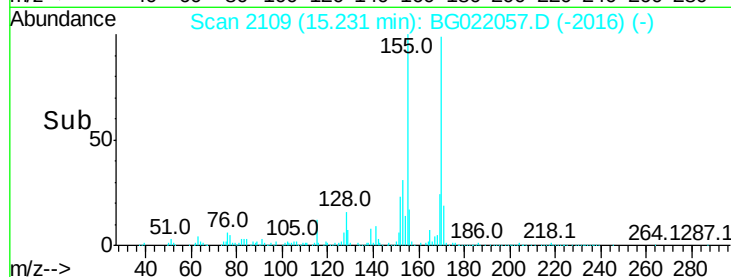
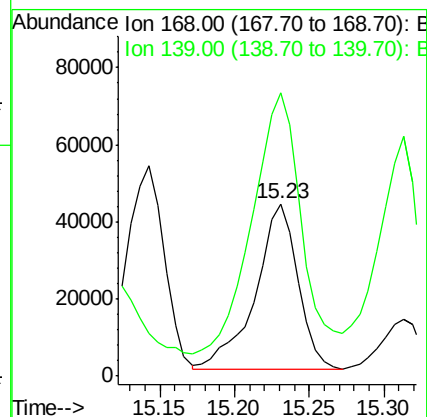
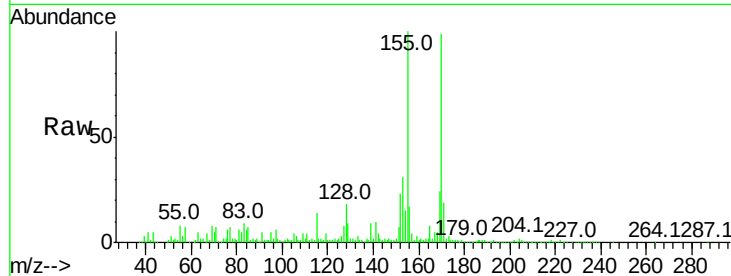
ClientSampleId :

Tot Ion:168 Resp: 84255

Ion Ratio Lower Upper

168 100

139 164.3 27.4 41.0#



#54

2,4-Dinitrotoluene

Concen: 76.18 ng/ul

RT: 15.23 min Scan# 2109

Delta R.T. 0.08 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

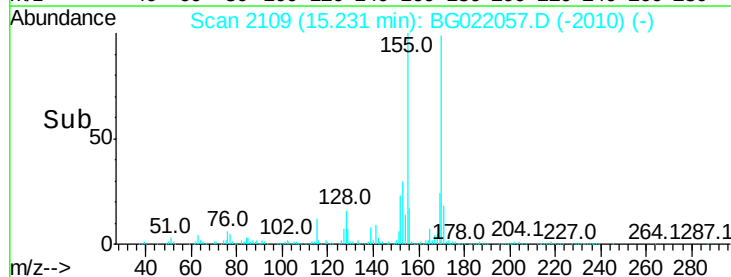
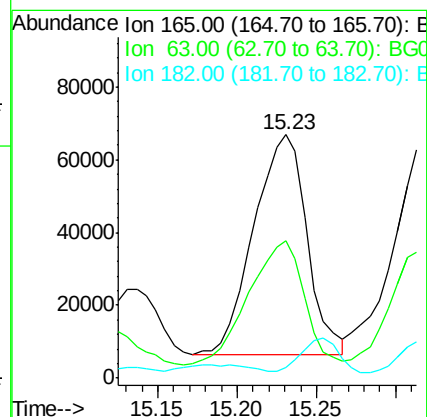
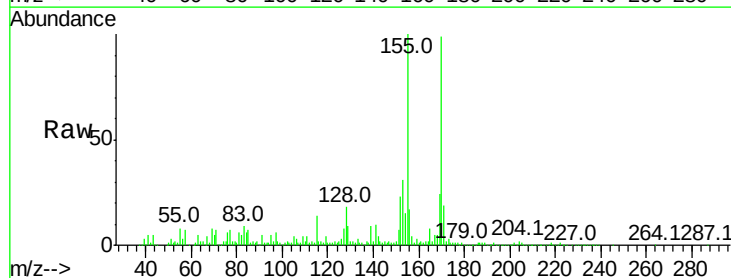
Tgt Ion:165 Resp: 140036

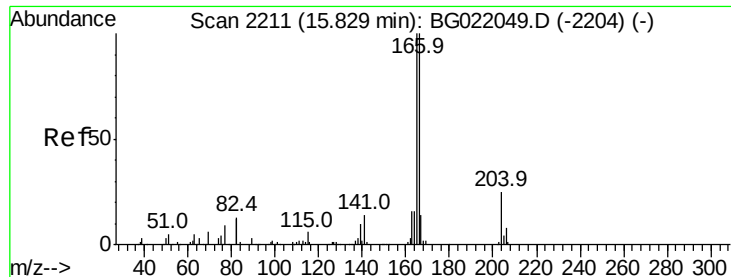
Ion Ratio Lower Upper

165 100

63 56.5 25.7 38.5#

182 4.4 2.1 3.1#





#58

Fluorene

Concen: 32.37 ng/ul

RT: 15.88 min Scan# 2219

Delta R.T. 0.05 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

Instrument :

BNA_G

ClientSampled :

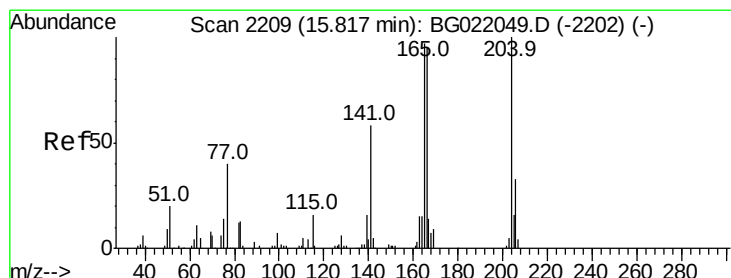
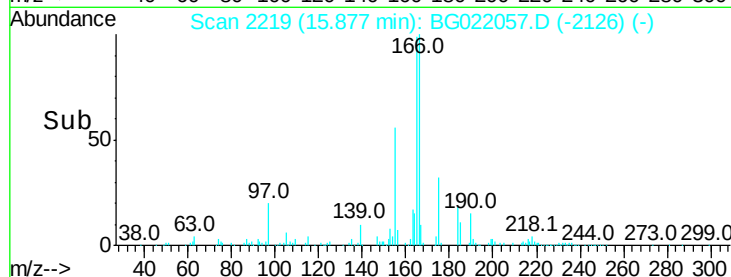
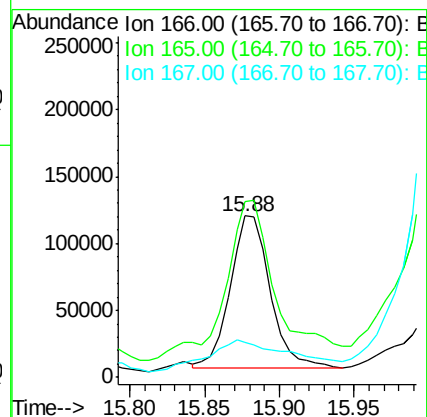
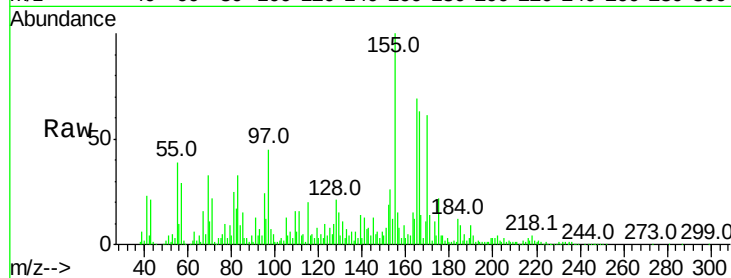
Tot Ion:166 Resp: 209967

Ion Ratio Lower Upper

166 100

165 108.7 80.3 120.5

167 21.6 10.3 15.5#



#59

4-Chlorophenyl-phenylether

Concen: 1.29 ng/ul

RT: 15.92 min Scan# 2226

Delta R.T. 0.10 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

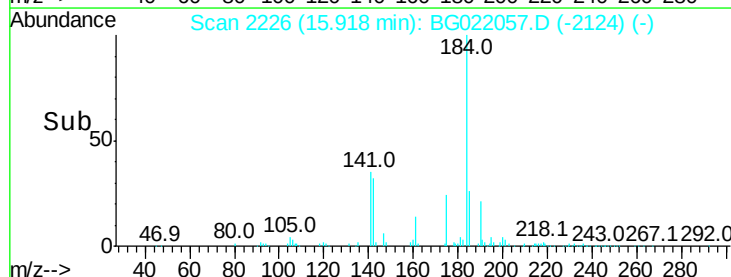
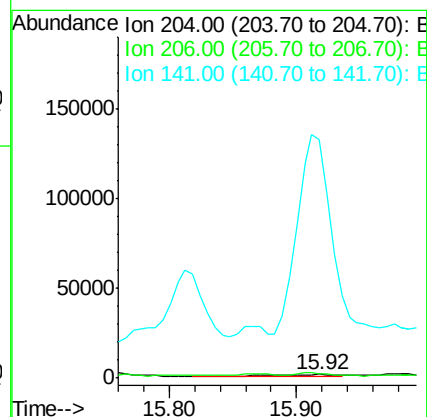
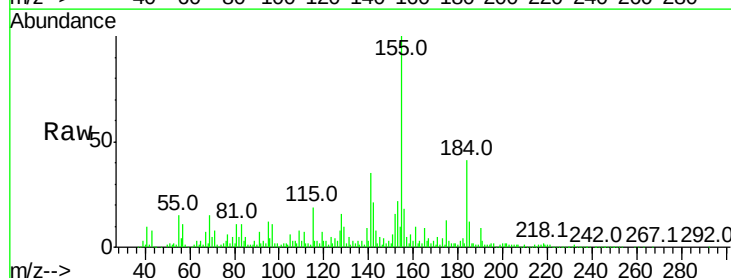
Tgt Ion:204 Resp: 3758

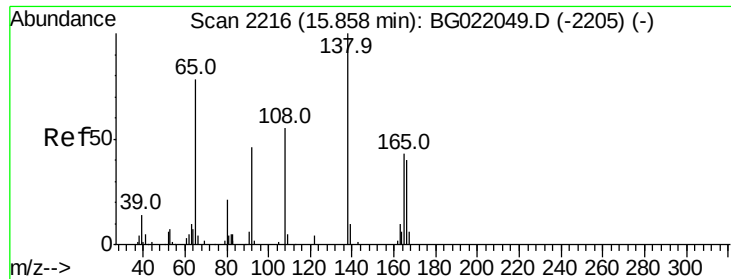
Ion Ratio Lower Upper

204 100

206 129.3 27.4 41.2#

141 6534.8 47.1 70.7#

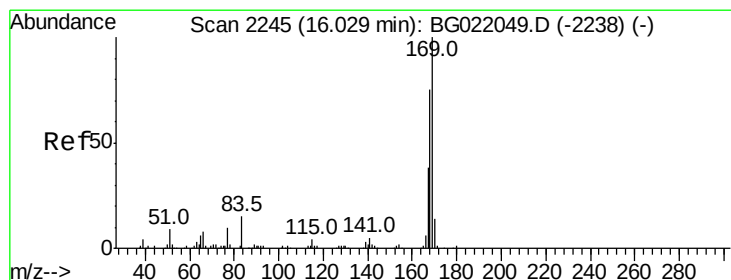
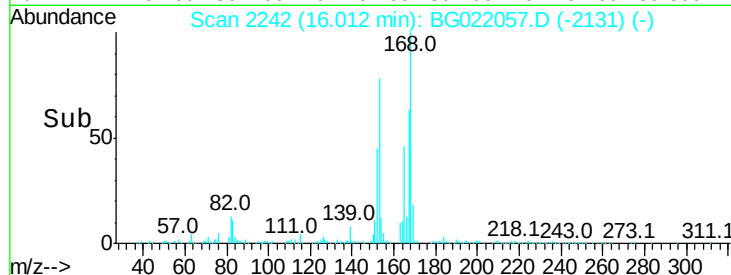
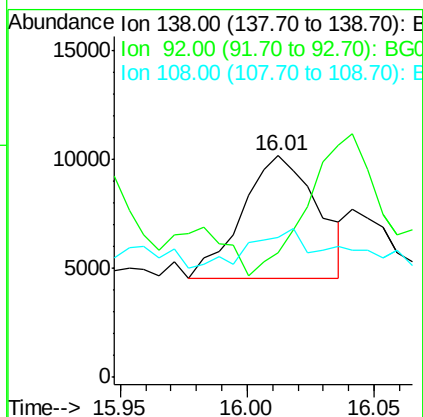
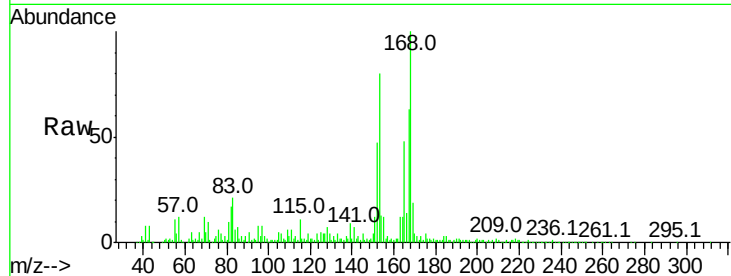




#60
4-Nitroaniline
Concen: 8.07 ng/ul
RT: 16.01 min Scan# 2242
Delta R.T. 0.15 min
Lab File: BG022057.D
Acq: 23 May 2016 22:00

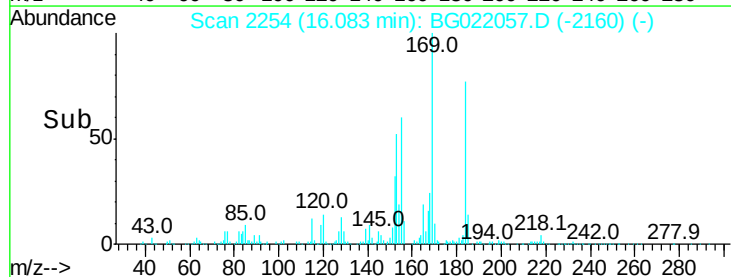
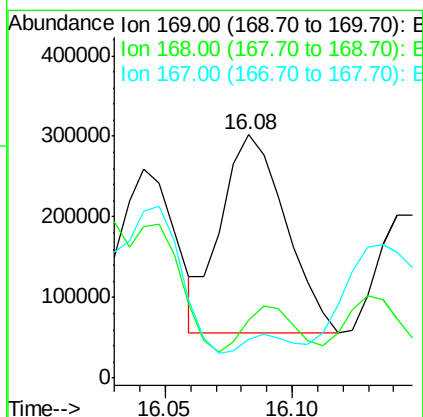
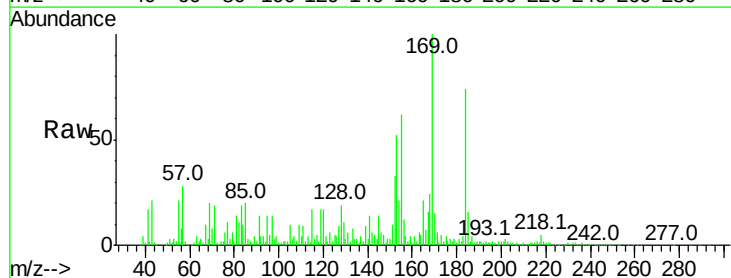
Instrument :
BNA_G
ClientSampleId :

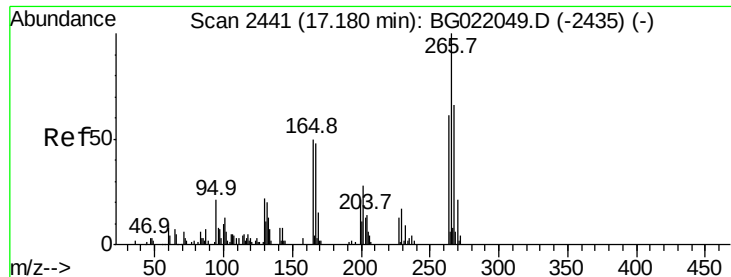
Tot Ion:138 Resp: 11580
Ion Ratio Lower Upper
138 100
92 56.4 39.0 58.4
108 63.4 49.2 73.8



#64
N-Nitrosodiphenylamine
Concen: 94.85 ng/ul
RT: 16.08 min Scan# 2254
Delta R.T. 0.05 min
Lab File: BG022057.D
Acq: 23 May 2016 22:00

Tgt Ion:169 Resp: 435645
Ion Ratio Lower Upper
169 100
168 23.7 59.0 88.6#
167 16.1 30.6 46.0#





#68

Pentachlorophenol

Concen: 14.21 ng/ul

RT: 17.23 min Scan# 2450

Delta R.T. 0.05 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

Instrument :

BNA_G

ClientSampleId :

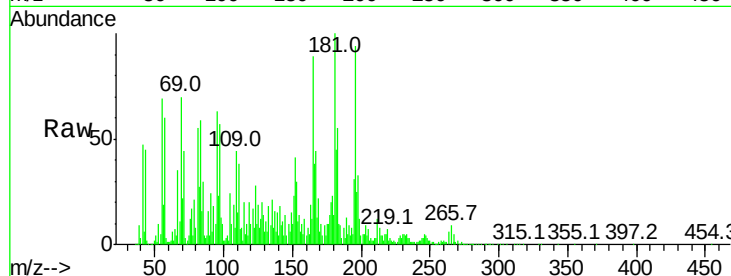
Tot Ion:266 Resp: 12606

Ion Ratio Lower Upper

266 100

264 63.7 54.7 82.1

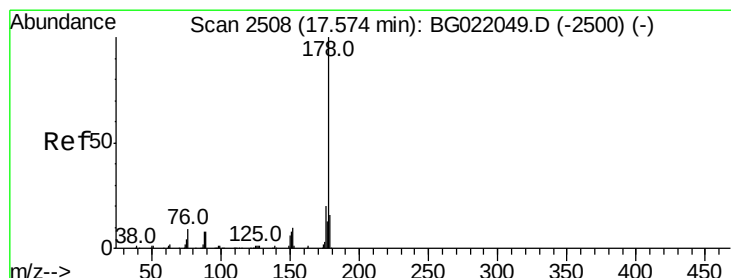
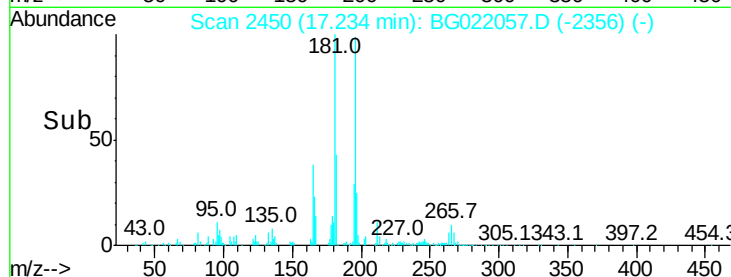
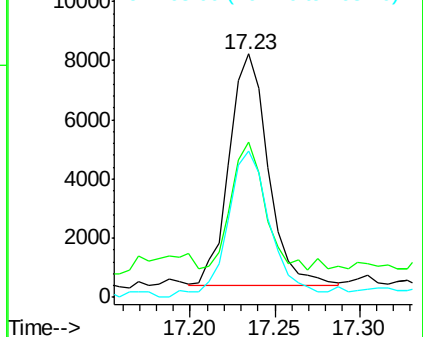
268 66.2 57.8 86.8



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#69

Phenanthrene

Concen: 74.76 ng/ul

RT: 17.62 min Scan# 2516

Delta R.T. 0.05 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

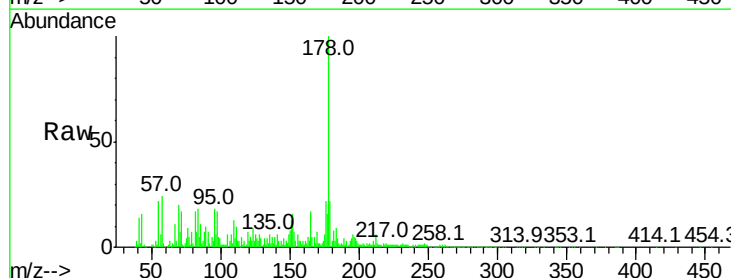
Tgt Ion:178 Resp: 604123

Ion Ratio Lower Upper

178 100

179 22.2 12.9 19.3#

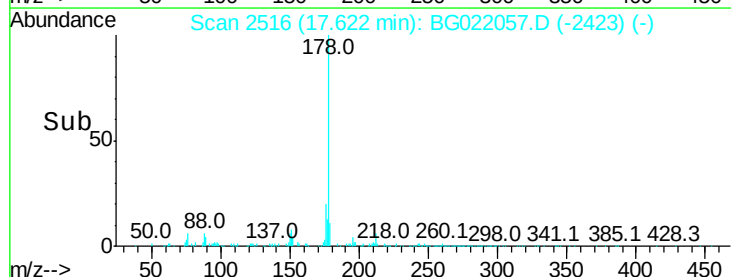
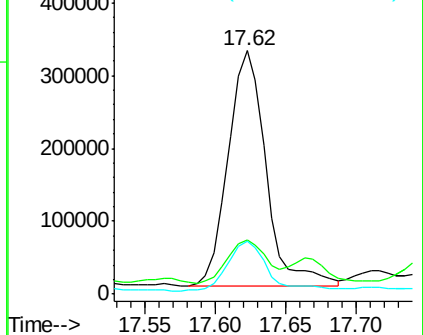
176 21.6 15.8 23.8

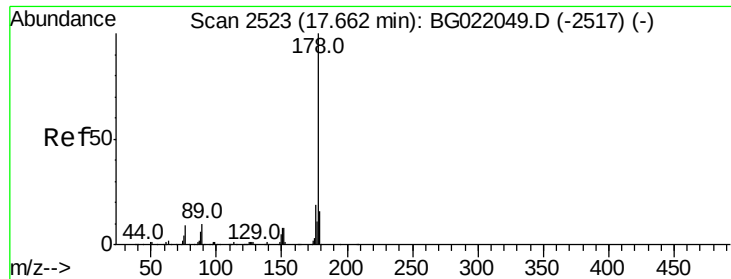


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 3.02 ng/ul

RT: 17.71 min Scan# 2531

Delta R.T. 0.05 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

Instrument :

BNA_G

ClientSampleId :

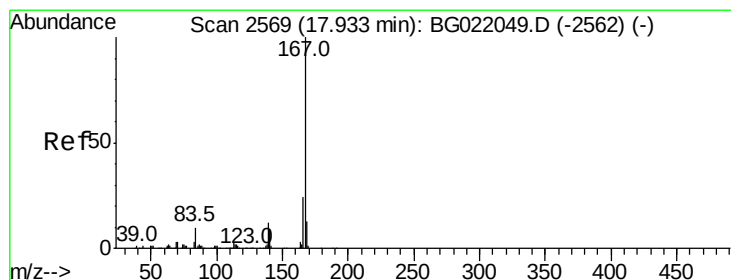
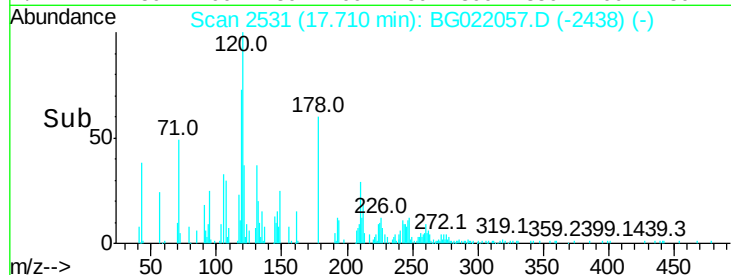
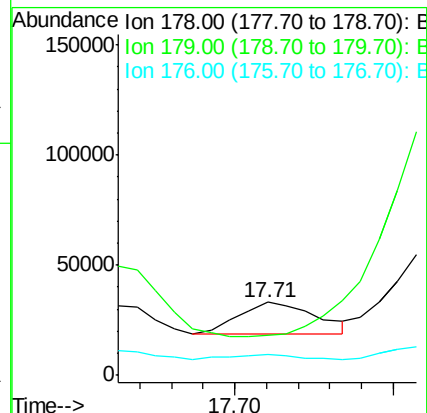
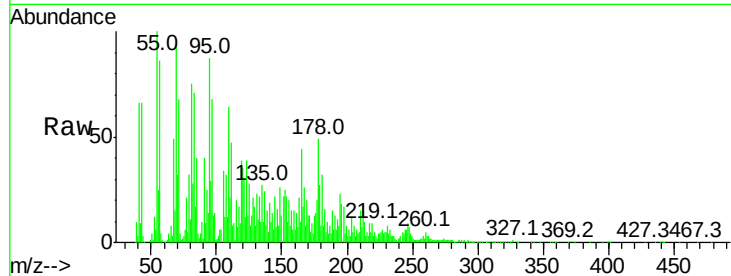
Tot Ion:178 Resp: 24757

Ion Ratio Lower Upper

178 100

179 55.5 12.3 18.5#

176 28.1 16.3 24.5#



#72

Carbazole

Concen: 1.13 ng/ul

RT: 17.97 min Scan# 2576

Delta R.T. 0.04 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

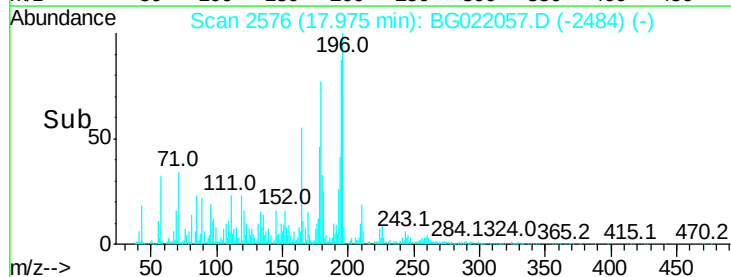
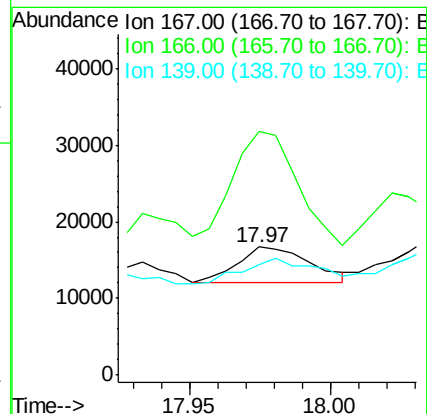
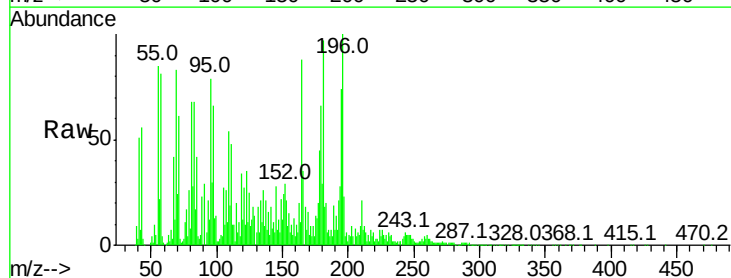
Tgt Ion:167 Resp: 8008

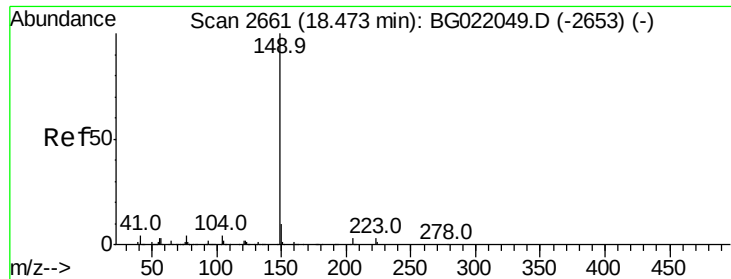
Ion Ratio Lower Upper

167 100

166 190.3 19.2 28.8#

139 85.9 10.2 15.4#





#73

Di-n-butylphthalate

Concen: 3.68 ng/ul

RT: 18.50 min Scan# 2666

Delta R.T. 0.03 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

Instrument :

BNA_G

ClientSampleId :

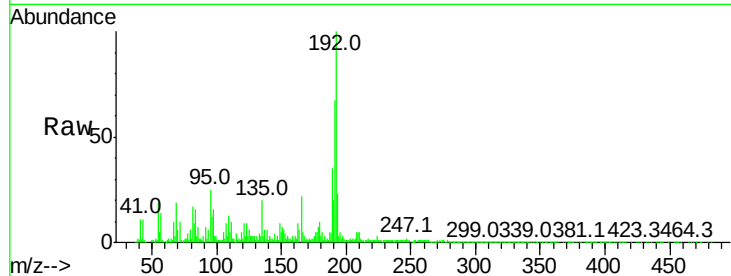
Tot Ion:149 Resp: 34963

Ion Ratio Lower Upper

149 100

150 55.3 7.1 10.7#

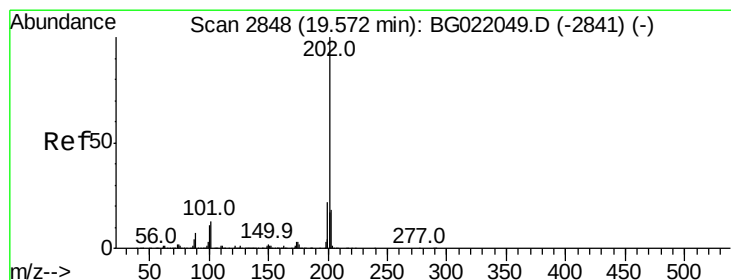
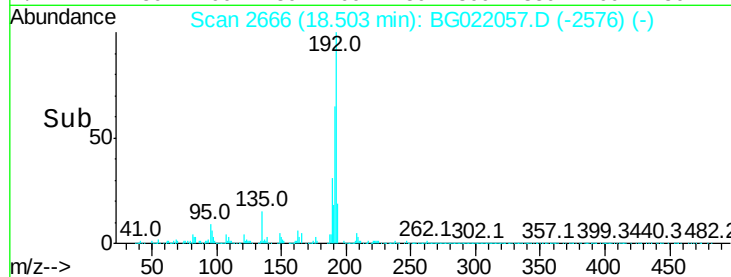
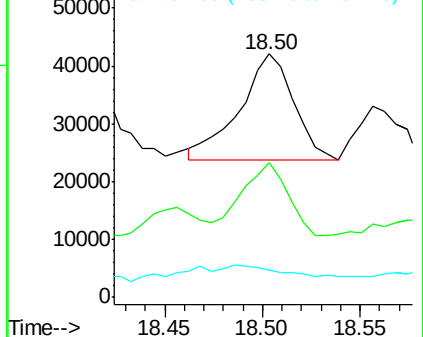
104 11.1 3.3 4.9#



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: 7.96 ng/ul

RT: 19.62 min Scan# 2856

Delta R.T. 0.05 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

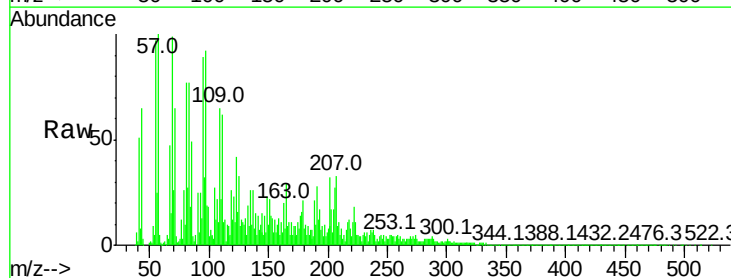
Tgt Ion:202 Resp: 65722

Ion Ratio Lower Upper

202 100

101 22.2 10.6 16.0#

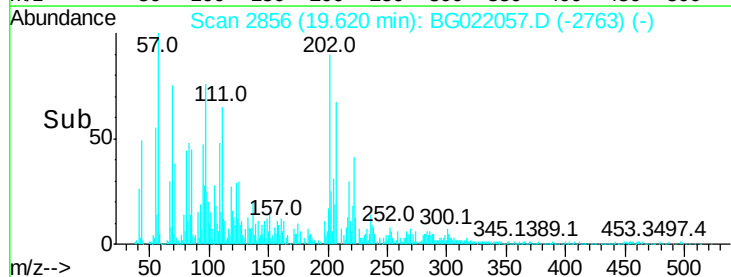
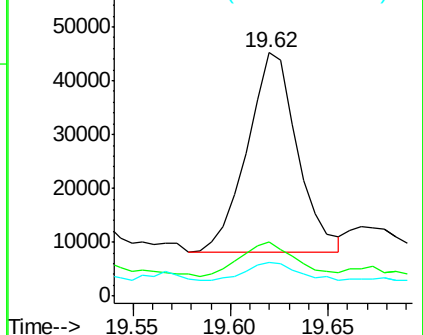
100 13.8 8.7 13.1#

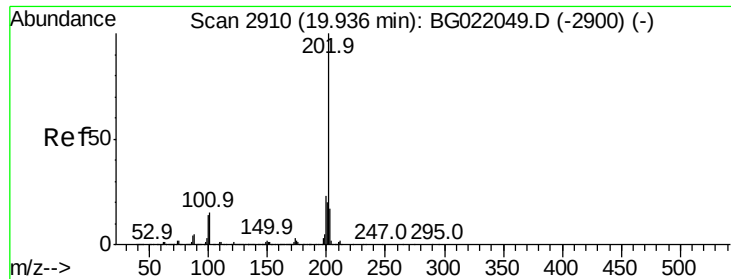


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pvrene

Concen: 36.87 ng/ul

RT: 19.99 min Scan# 2919

Delta R.T. 0.05 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

Instrument :

BNA_G

ClientSampleId :

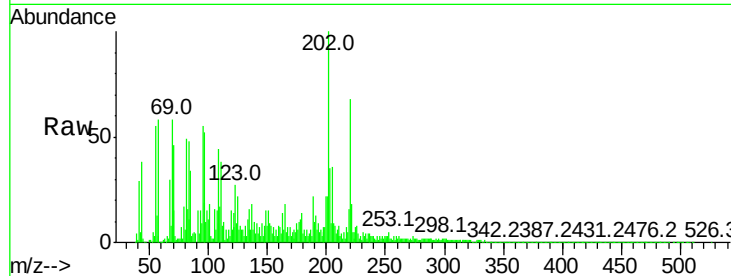
Tot Ion:202 Resp: 500211

Ion Ratio Lower Upper

202 100

101 17.9 12.5 18.7

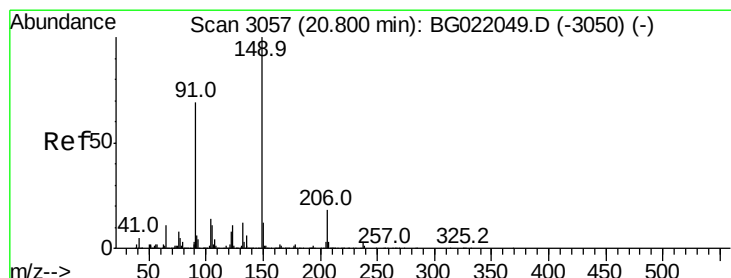
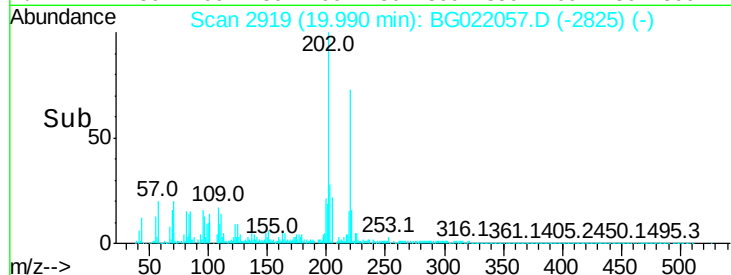
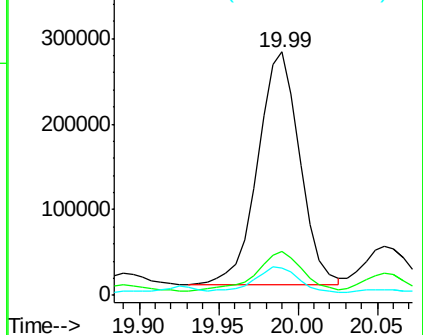
100 11.3 10.2 15.4



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): E



#78

Butylbenzylphthalate

Concen: 1.92 ng/ul

RT: 20.82 min Scan# 3061

Delta R.T. 0.02 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

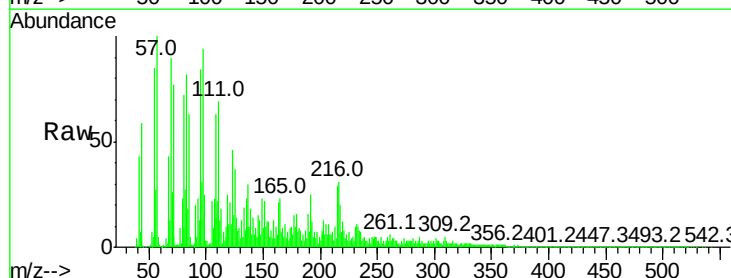
Tgt Ion:149 Resp: 12346

Ion Ratio Lower Upper

149 100

91 88.3 54.2 81.4#

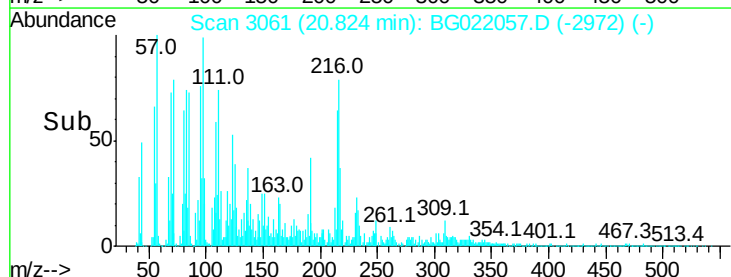
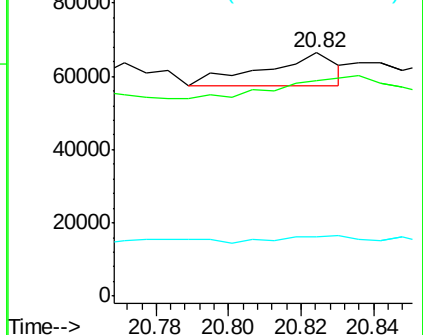
206 24.4 14.1 21.1#

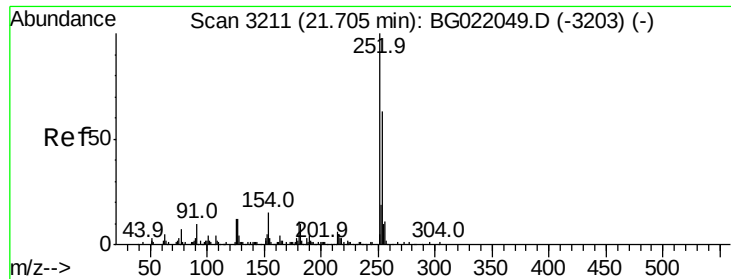


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#79

3,3'-Dichlorobenzidine

Concen: 1.88 ng/ul

RT: 21.75 min Scan# 3218

Delta R.T. 0.04 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

Instrument :

BNA_G

ClientSampleId :

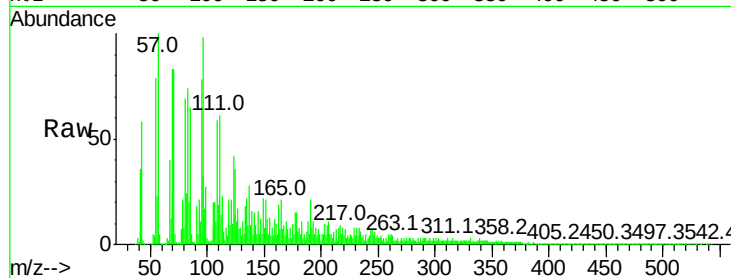
Tot Ion:252 Resp: 6827

Ion Ratio Lower Upper

252 100

254 57.3 51.4 77.2

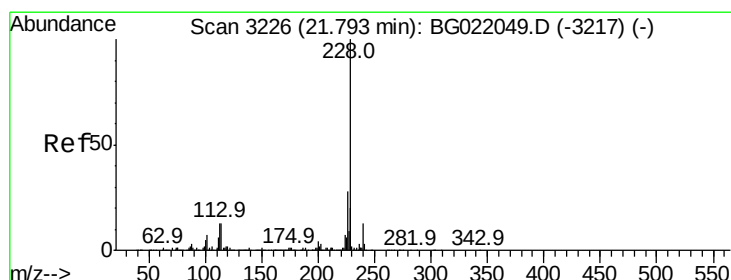
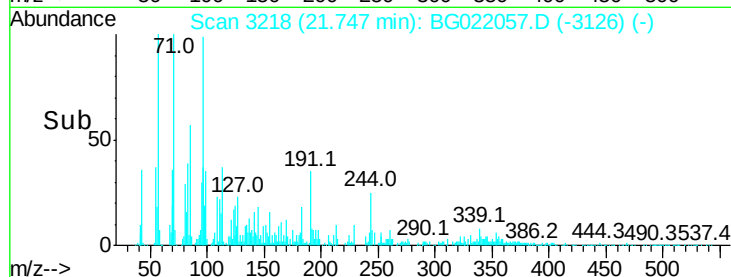
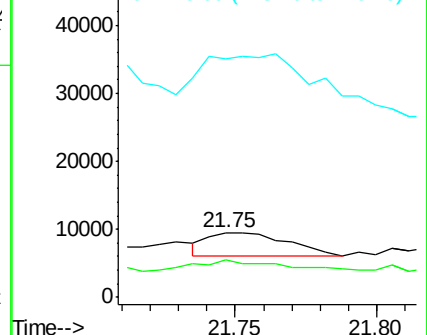
126 370.2 10.7 16.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#80

Benzo(a)anthracene

Concen: 6.20 ng/ul

RT: 21.87 min Scan# 3239

Delta R.T. 0.08 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

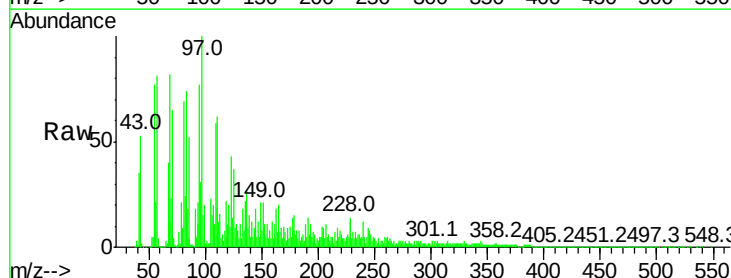
Tgt Ion:228 Resp: 70110

Ion Ratio Lower Upper

228 100

229 87.2 15.4 23.2#

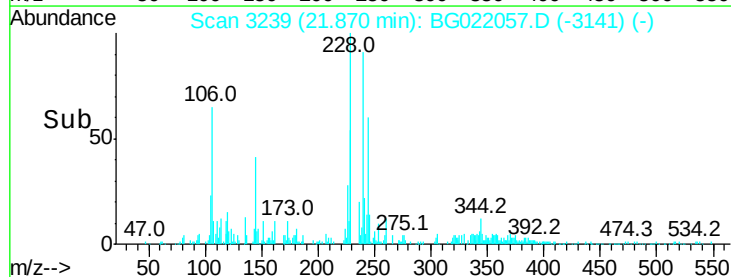
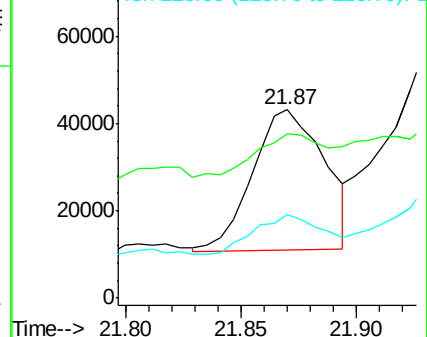
226 44.3 22.8 34.2#

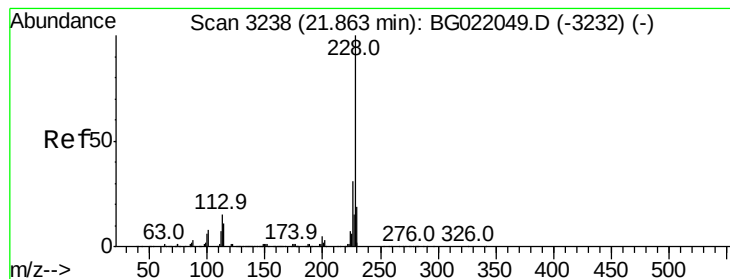


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 13.13 ng/ul

RT: 21.93 min Scan# 3250

Delta R.T. 0.07 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

Instrument :

BNA_G

ClientSampleId :

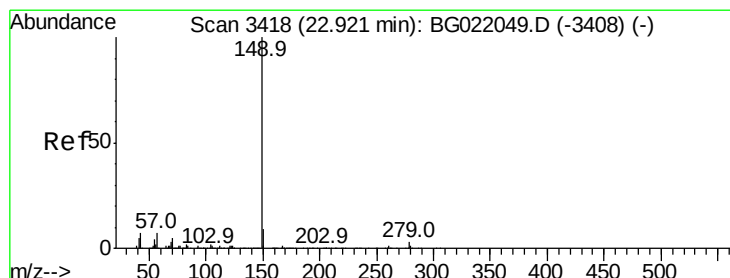
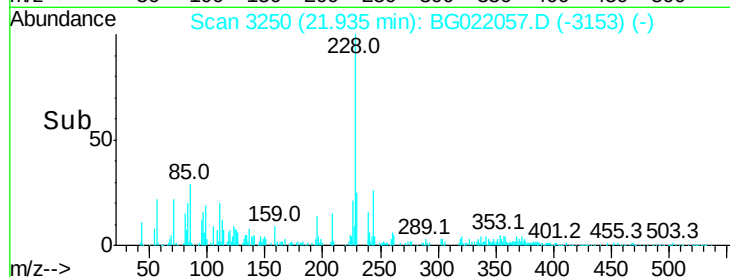
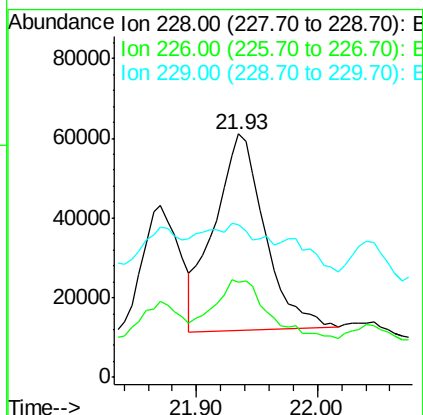
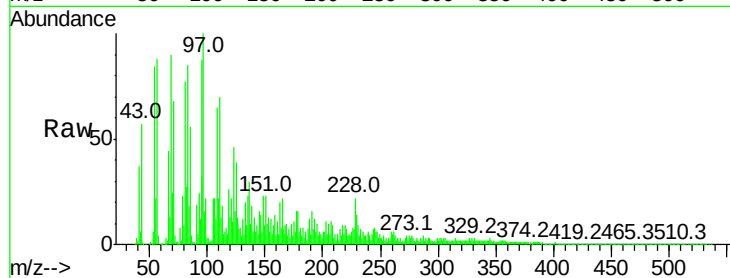
Tot Ion:228 Resp: 142451

Ion Ratio Lower Upper

228 100

226 39.1 24.2 36.4#

229 62.9 15.0 22.6#



#84

Di-n-octyl phthalate

Concen: 11.39 ng/ul

RT: 22.91 min Scan# 3416

Delta R.T. -0.01 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

Tgt Ion:149 Resp: 87321

