

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101417\
 Data File : BG029210.D
 Acq On : 14 Oct 2017 3:29
 Operator : SJ/JU
 Sample : I5574-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 14 05:49:13 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 14 05:39:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	90725	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	400695	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	247025	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	599589	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	586508	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	573941	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	11877	5.32	ng/uL	0.00
5) Phenol-d5	7.31	99	236347	27.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	153164	28.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	170876	27.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	197609	28.10	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	89868	31.24	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	94239	31.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	179945	26.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	270647	34.69	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	636190	30.12	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	761415	29.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	108725	27.89	ng/ul	0.00
57) Fluorene-d10	15.77	176	532059	30.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	66593	22.75	ng/ul	0.00
70) Anthracene-d10	17.62	188	859758	30.32	ng/ul	0.00
76) Pyrene-d10	19.90	212	963652	31.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	839740	30.89	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.57	88	272	0.100	ng/uL# 13
4) Benzaldehyde	7.30	77	340	0.063	ng/ul# 4
6) Phenol	7.34	94	47414	5.262	ng/ul 91
8) Bis(2-Chloroethyl)ether	7.59	93	993	0.145	ng/ul# 62
10) 2-Chlorophenol	7.68	128	62	0.010	ng/ul# 1
11) 2-Methylphenol	8.62	108	65	0.010	ng/ul# 2
12) 2,2'-oxybis(1-Chloropropan	8.63	45	54	0.005	ng/ul# 72
14) Acetophenone	8.99	105	73	0.007	ng/ul# 2
15) N-Nitroso-di-n-propylamine	9.07	70	59	0.010	ng/ul# 32
20) Nitrobenzene	9.33	77	687	0.088	ng/ul# 24
21) Isophorone	9.93	82	55	0.003	ng/ul# 67
23) 2-Nitrophenol	10.17	139	56	0.017	ng/ul# 23
24) 2,4-Dimethylphenol	10.12	107	54	0.007	ng/ul# 18
25) Bis(2-Chloroethoxy)methane	10.60	93	387	0.039	ng/ul# 1
27) 2,4-Dichlorophenol	10.60	162	65	0.010	ng/ul# 1
28) Naphthalene	11.04	128	303	0.014	ng/ul# 68
32) Caprolactam	11.94	113	138	0.050	ng/ul# 55
33) 4-Chloro-3-methylphenol	12.28	107	769	0.102	ng/ul# 21
34) 2-Methylnaphthalene	12.85	142	71	0.004	ng/ul 87
37) Hexachlorocyclopentadiene	13.03	237	64	0.017	ng/ul# 26
42) 2-Nitroaniline	13.86	65	66	0.014	ng/ul# 10
44) Dimethylphthalate	14.23	163	223956	10.872	ng/ul 99
45) 2,6-Dinitrotoluene	14.23	165	2742	0.761	ng/ul# 55

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

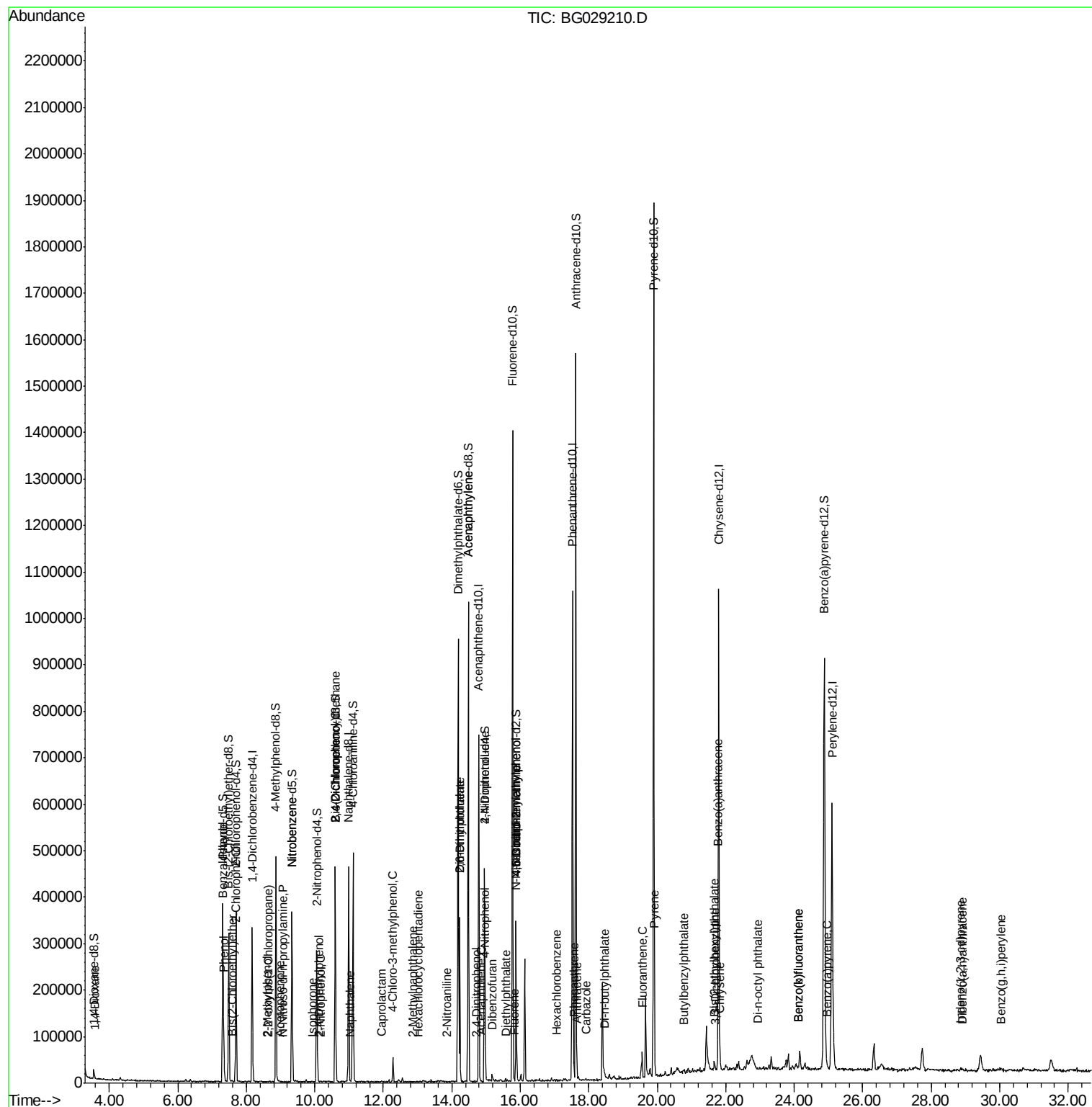
47) Acenaphthylene	14.47	152	80	0.003	ng/ul#	6
49) Acenaphthene	14.86	153	1121	0.063	ng/ul	86
50) 2,4-Dinitrophenol	14.70	184	69	0.036	ng/ul#	14
52) 4-Nitrophenol	14.98	109	83	0.028	ng/ul#	1
53) Dibenzofuran	15.17	168	1263	0.052	ng/ul#	85
54) 2,4-Dinitrotoluene	14.97	165	61	0.012	ng/ul#	1
56) Diethylphthalate	15.59	149	303	0.014	ng/ul#	60
58) Fluorene	15.83	166	1297	0.066	ng/ul#	67
60) 4-Nitroaniline	15.87	138	717	0.149	ng/ul#	1
63) 4,6-Dinitro-2-methylphenol	15.88	198	234	0.076	ng/ul#	1
64) N-Nitrosodiphenylamine	15.89	169	326	0.018	ng/ul#	13
66) Hexachlorobenzene	17.05	284	88	0.014	ng/ul#	40
69) Phenanthrene	17.56	178	23891	0.737	ng/ul	96
71) Anthracene	17.66	178	5450	0.163	ng/ul	94
72) Carbazole	17.92	167	2470	0.082	ng/ul#	91
73) Di-n-butylphthalate	18.47	149	4187	0.116	ng/ul	97
74) Fluoranthene	19.56	202	31159	0.860	ng/ul	96
77) Pyrene	19.92	202	27174	0.691	ng/ul#	89
78) Butylbenzylphthalate	20.80	149	684	0.043	ng/ul#	87
79) 3,3'-Dichlorobenzidine	21.71	252	61	0.006	ng/ul#	26
80) Benzo(a)anthracene	21.77	228	15561	0.423	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.67	149	7349	0.318	ng/ul#	91
82) Chrysene	21.84	228	13145	0.394	ng/ul	93
84) Di-n-octyl phthalate	22.93	149	279	0.007	ng/ul	100
85) Benzo(b)fluoranthene	24.11	252	5551	0.161	ng/ul	99
86) Benzo(k)fluoranthene	24.11	252	5551	0.167	ng/ul	100
88) Benzo(a)pyrene	24.95	252	11539	0.344	ng/ul#	88
89) Indeno(1,2,3-cd)pyrene	28.86	276	6311	0.166	ng/ul#	79
90) Dibenzo(a,h)anthracene	28.90	278	1678	0.053	ng/ul#	58
91) Benzo(g,h,i)perylene	30.03	276	2660	0.085	ng/ul	97

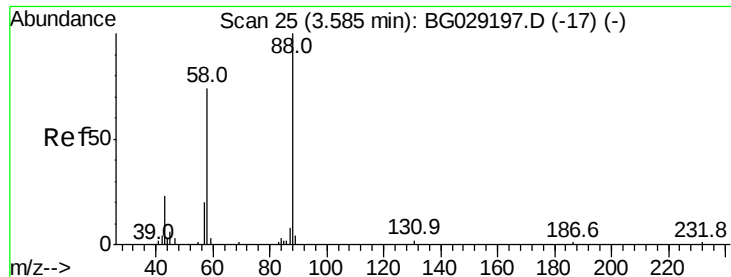
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.100 ng/uL

RT: 3.57 min Scan# 48

Delta R.T. -0.02 min

Lab File: BG029210.D

Acq: 14 Oct 2017 3:29

Instrument :

BNA_G

ClientSampleId :

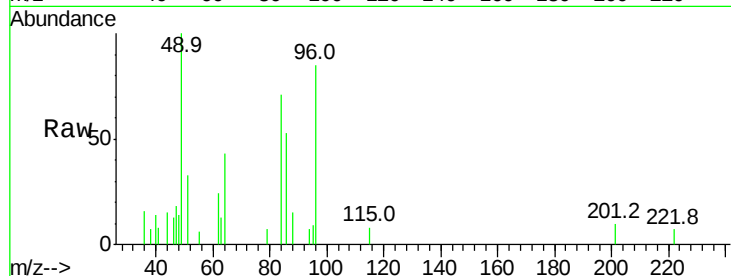
Tot Ion: 88 Resp: 272

Ion Ratio Lower Upper

88 100

43 0.0 35.0 52.6#

58 0.0 74.0 111.0#

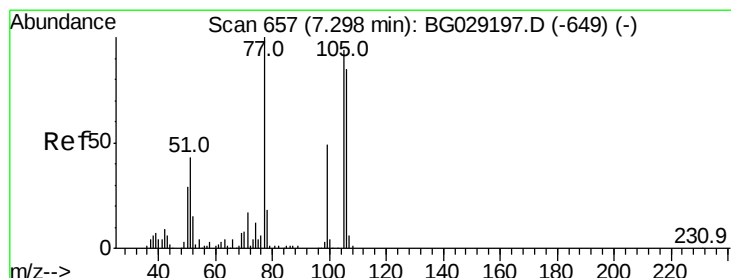
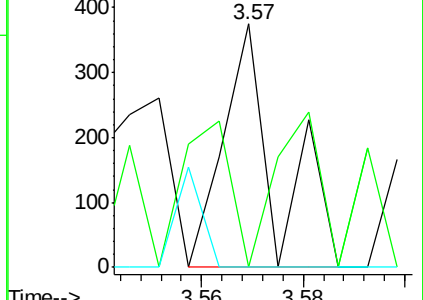
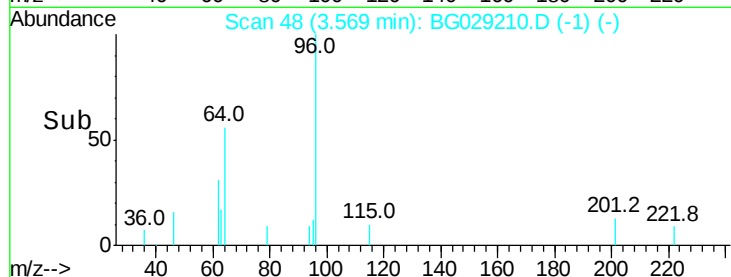


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Time-->



#4

Benzaldehyde

Concen: 0.063 ng/uL

RT: 7.30 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG029210.D

Acq: 14 Oct 2017 3:29

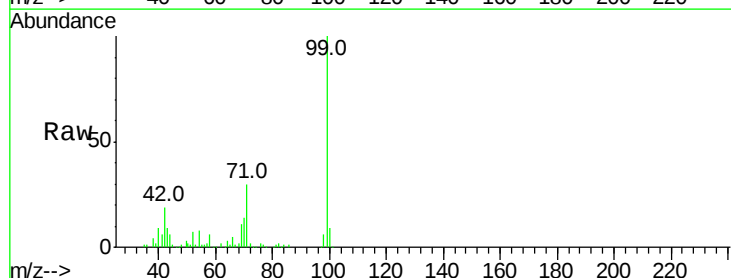
Tgt Ion: 77 Resp: 340

Ion Ratio Lower Upper

77 100

105 0.0 70.5 105.7#

106 0.0 74.1 111.1#

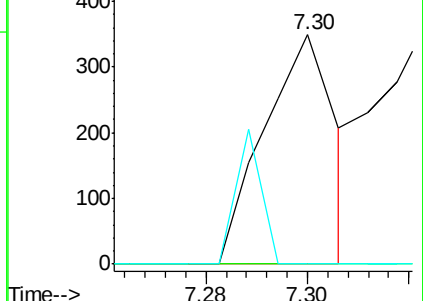
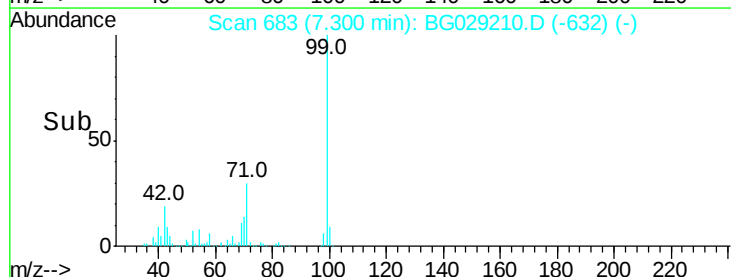


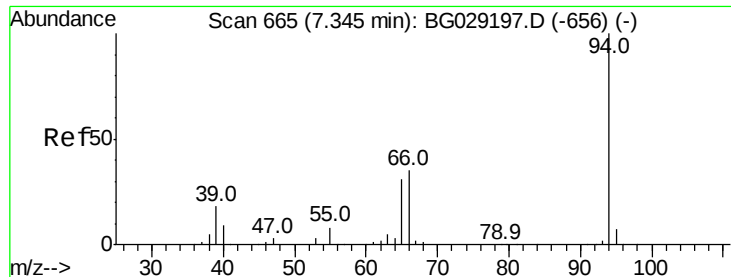
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC

Time-->





#6

Phenol

Concen: 5.262 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG029210.D

Acq: 14 Oct 2017 3:29

Instrument :

BNA_G

ClientSampleId :

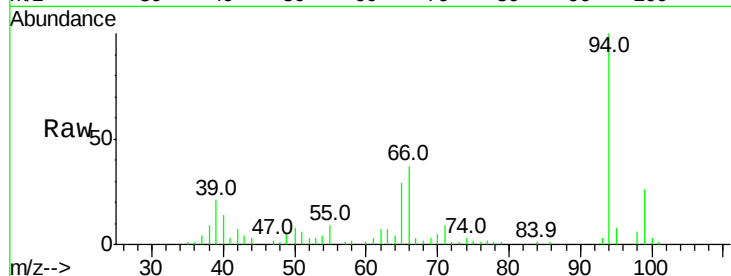
Tot Ion: 94 Resp: 47414

Ion Ratio Lower Upper

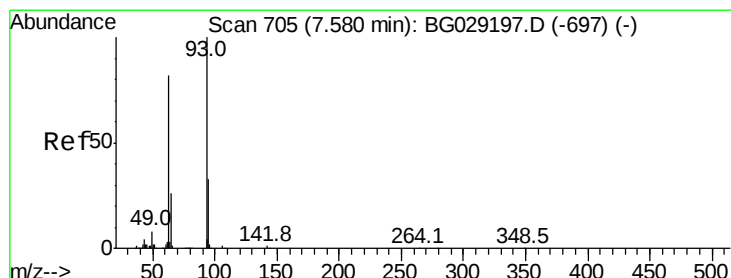
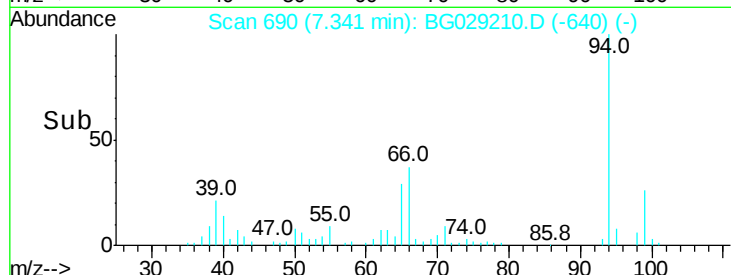
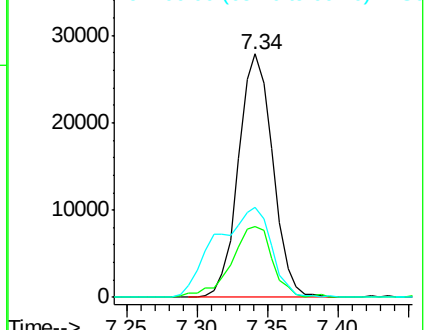
94 100

65 29.1 27.1 40.7

66 37.0 34.6 52.0



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



#8

Bis(2-Chloroethyl)ether

Concen: 0.145 ng/ul

RT: 7.59 min Scan# 732

Delta R.T. 0.01 min

Lab File: BG029210.D

Acq: 14 Oct 2017 3:29

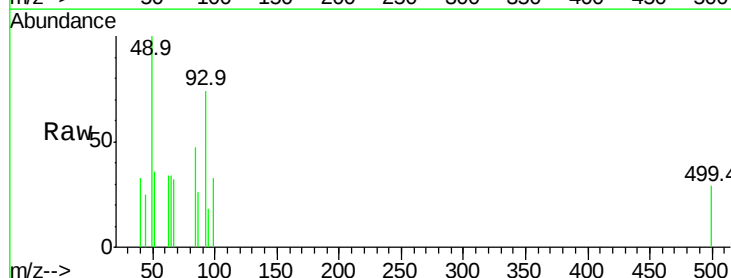
Tgt Ion: 93 Resp: 993

Ion Ratio Lower Upper

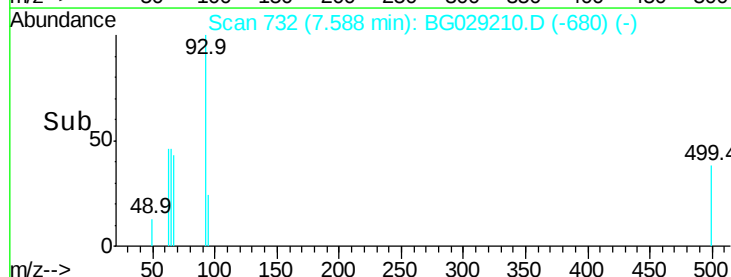
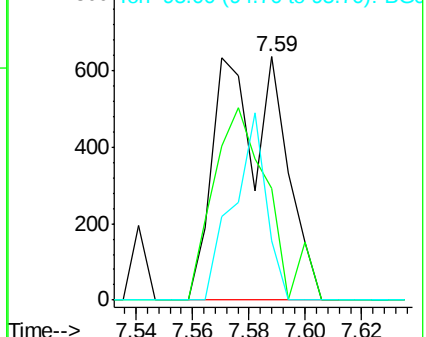
93 100

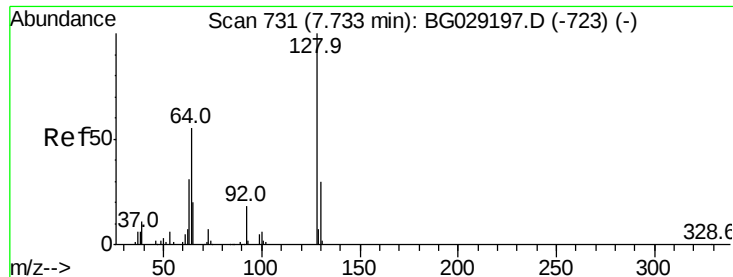
63 46.0 71.8 107.8#

95 24.5 25.2 37.8#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

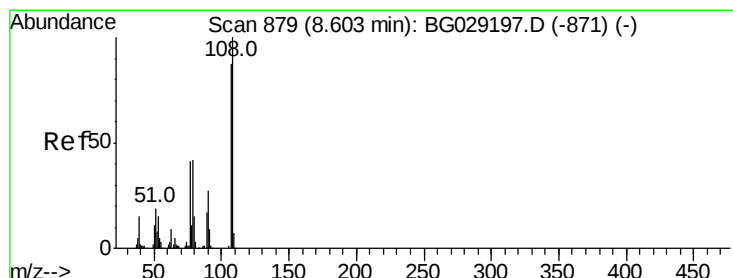
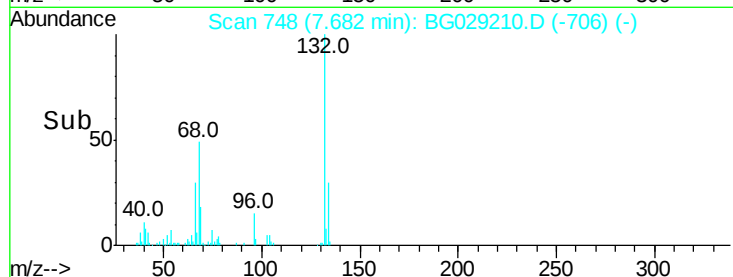
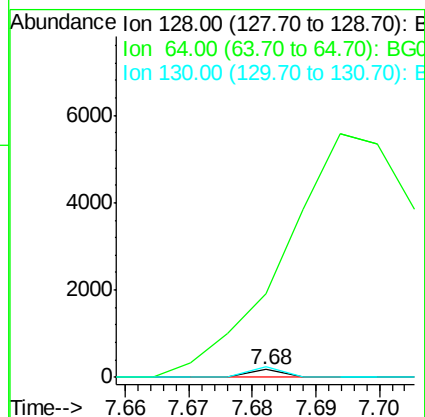
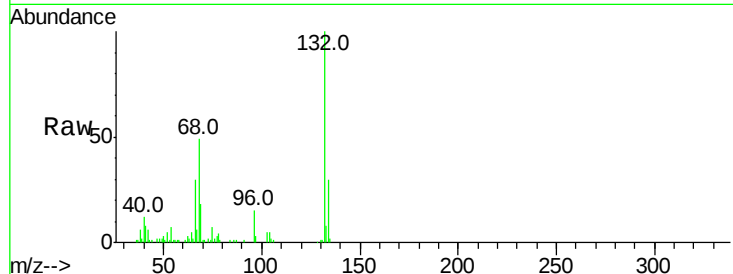




#10
2-Chlorophenol
Concen: 0.010 ng/ul
RT: 7.68 min Scan# 748
Delta R.T. -0.05 min
Lab File: BG029210.D
Acq: 14 Oct 2017 3:29

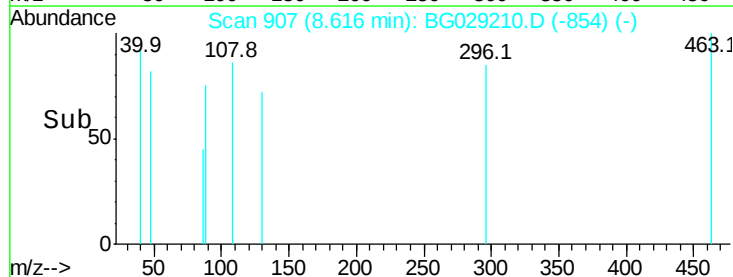
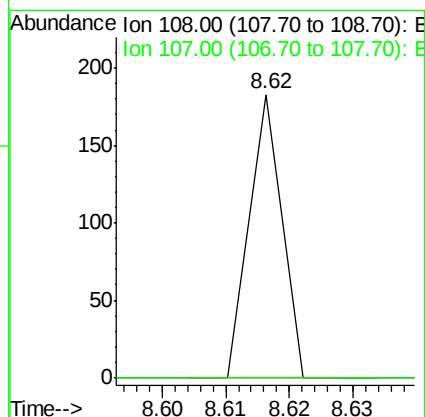
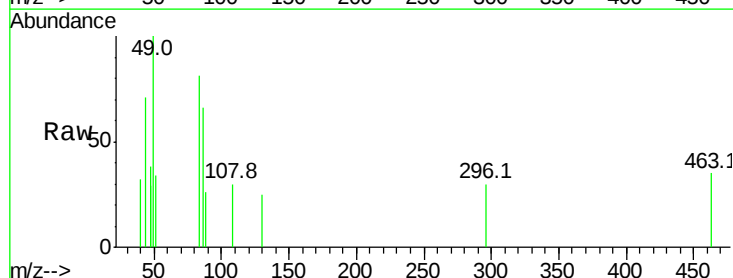
Instrument :
BNA_G
ClientSampleId :

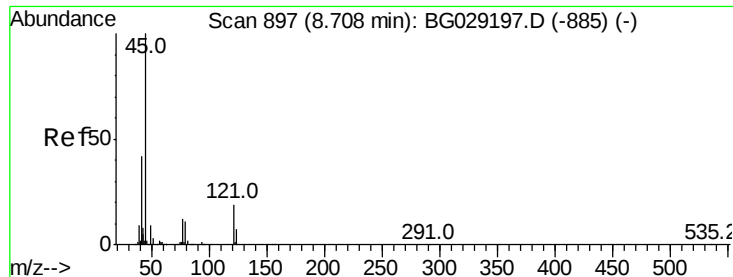
Tot Ion:128 Resp: 62
Ion Ratio Lower Upper
128 100
64 1080.8 46.6 69.8#
130 136.2 25.8 38.8#



#11
2-Methylphenol
Concen: 0.010 ng/ul
RT: 8.62 min Scan# 907
Delta R.T. 0.01 min
Lab File: BG029210.D
Acq: 14 Oct 2017 3:29

Tgt Ion:108 Resp: 65
Ion Ratio Lower Upper
108 100
107 0.0 76.7 115.1#

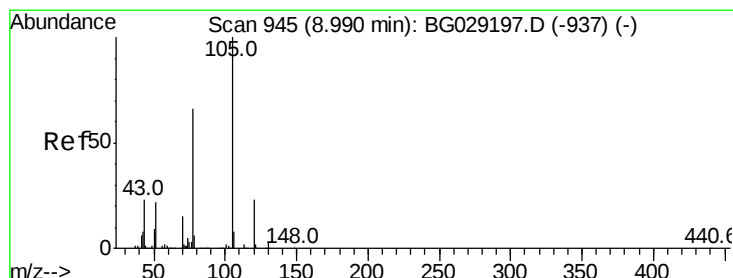
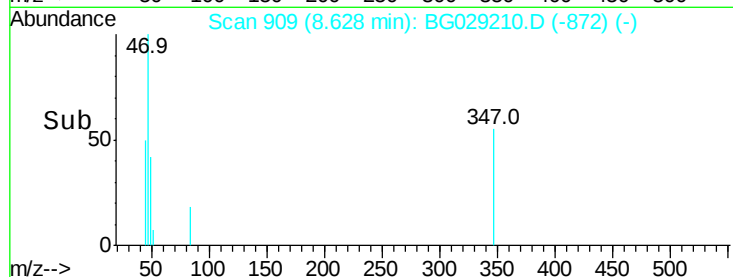
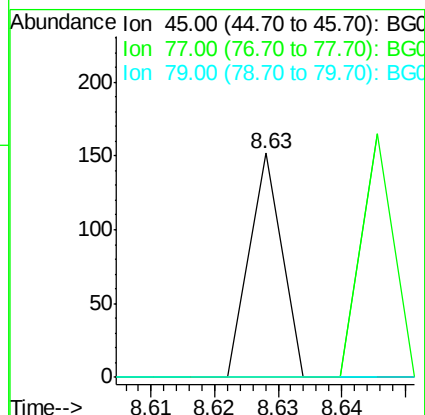
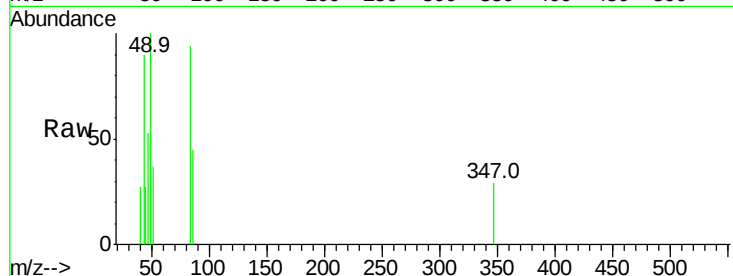




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 0.005 ng/ul
RT: 8.63 min Scan# 909
Delta R.T. -0.08 min
Lab File: BG029210.D
Acq: 14 Oct 2017 3:29

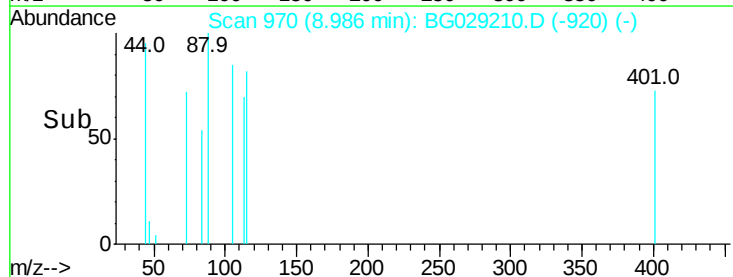
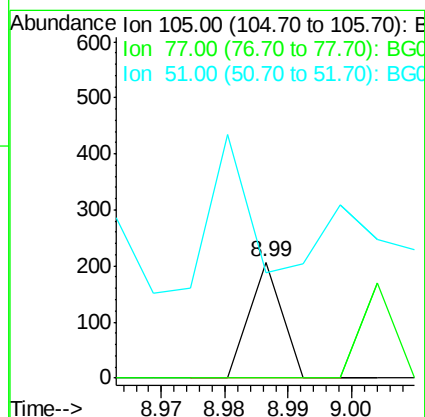
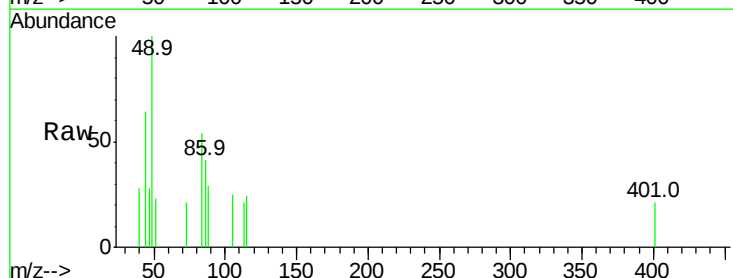
Instrument :
BNA_G
ClientSampleId :

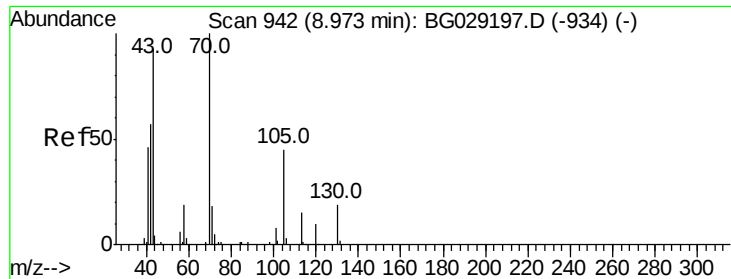
Tot Ion: 45 Resp: 54
Ion Ratio Lower Upper
45 100
77 0.0 9.5 14.3#
79 0.0 6.8 10.2#



#14
Acetophenone
Concen: 0.007 ng/ul
RT: 8.99 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG029210.D
Acq: 14 Oct 2017 3:29

Tgt Ion: 105 Resp: 73
Ion Ratio Lower Upper
105 100
77 0.0 70.2 105.2#
51 90.3 24.6 36.8#





#15

N-Nitroso-di-n-propylamine

Concen: 0.010 ng/ul

RT: 9.07 min Scan# 984

Delta R.T. 0.10 min

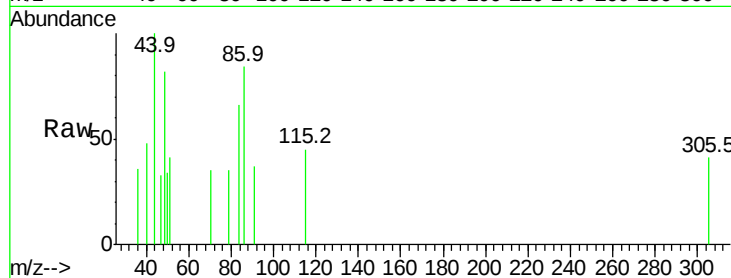
Lab File: BG029210.D

Acq: 14 Oct 2017 3:29

Instrument :

BNA_G

ClientSampled :



Tot Ion: 70 Resp: 59

Ion Ratio Lower Upper

70 100

42 0.0 51.7 77.5#

101 0.0 7.6 11.4#

130 0.0 14.6 22.0#

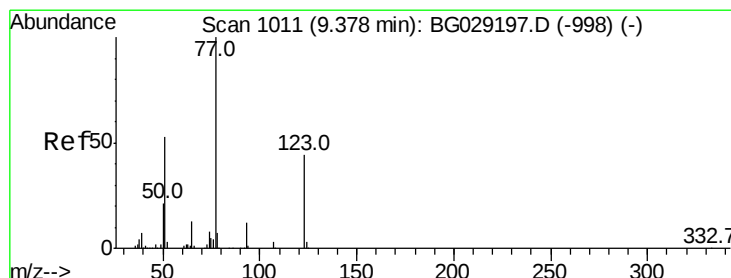
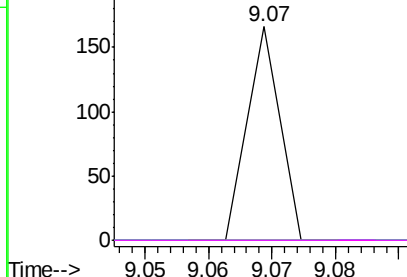
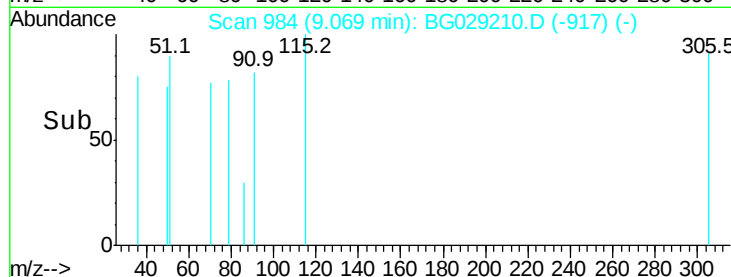
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

Time-->



#20

Nitrobenzene

Concen: 0.088 ng/ul

RT: 9.33 min Scan# 1028

Delta R.T. -0.05 min

Lab File: BG029210.D

Acq: 14 Oct 2017 3:29

Tgt Ion: 77 Resp: 687

Ion Ratio Lower Upper

77 100

123 0.0 28.6 43.0#

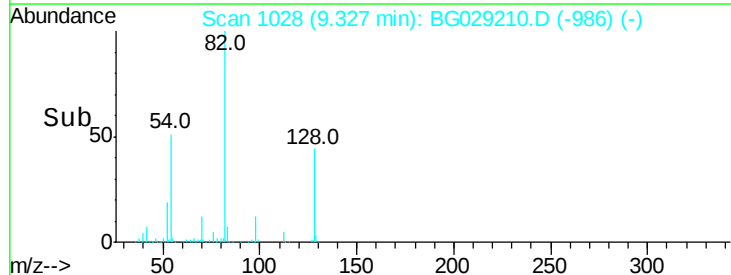
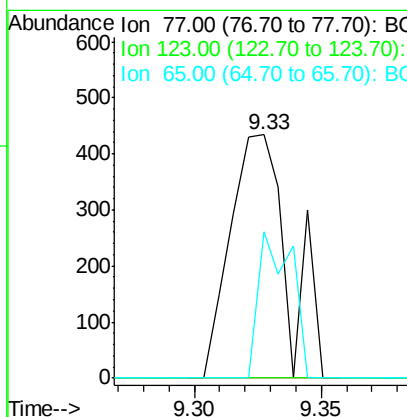
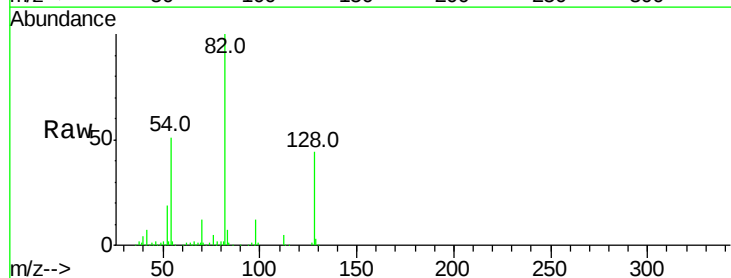
65 60.4 11.2 16.8#

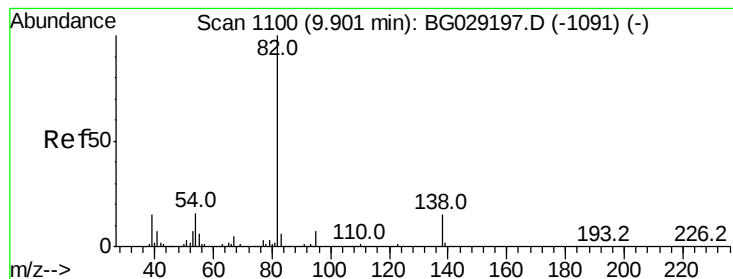
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Time-->





#21

Isophorone

Concen: 0.003 ng/ul

RT: 9.93 min Scan# 1131

Delta R.T. 0.03 min

Lab File: BG029210.D

Acq: 14 Oct 2017 3:29

Instrument :

BNA_G

ClientSampleId :

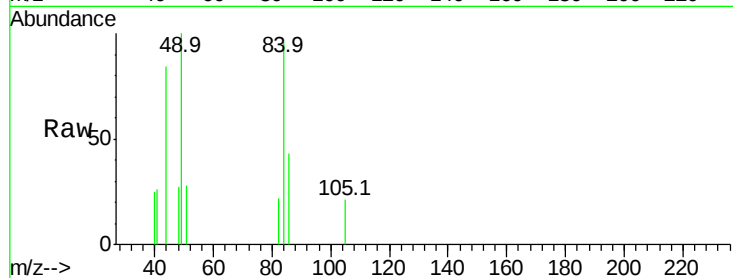
Tot Ion: 82 Resp: 55

Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 13.3 19.9#



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

9.93

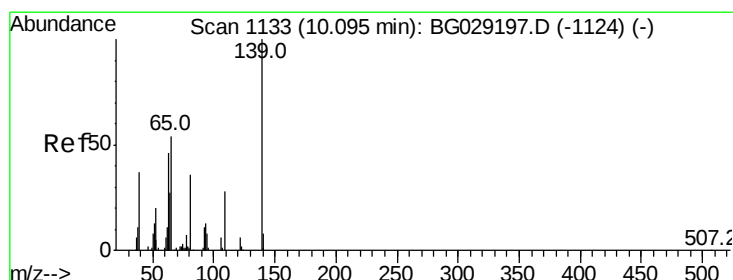
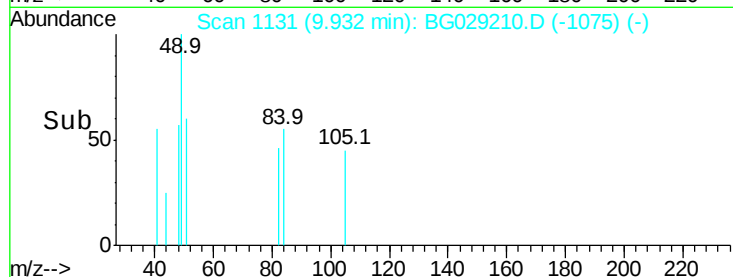
150

100

50

0

Time--> 9.91 9.92 9.93 9.94 9.95



#23

2-Nitrophenol

Concen: 0.017 ng/ul

RT: 10.17 min Scan# 1171

Delta R.T. 0.07 min

Lab File: BG029210.D

Acq: 14 Oct 2017 3:29

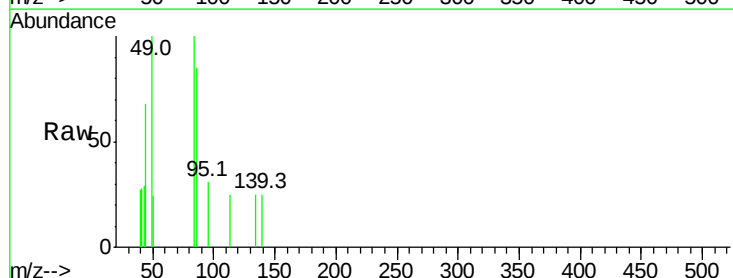
Tgt Ion: 139 Resp: 56

Ion Ratio Lower Upper

139 100

65 0.0 55.0 82.6#

109 0.0 31.2 46.8#



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 109.00 (108.70 to 109.70): BGC

10.17

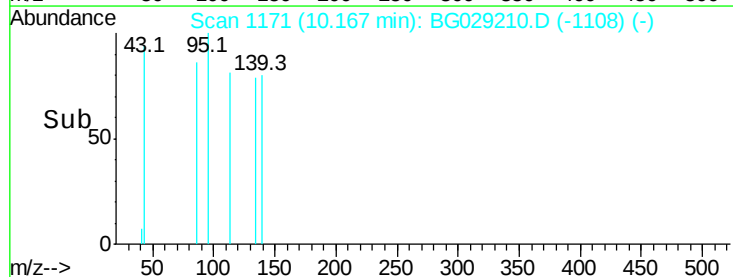
150

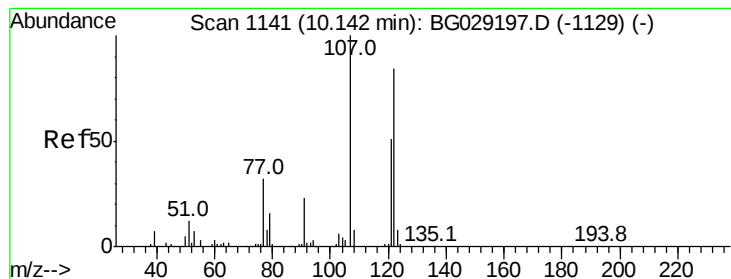
100

50

0

Time--> 10.16 10.18





#24

2,4-Dimethylphenol

Concen: 0.007 ng/ul

RT: 10.12 min Scan# 1163

Delta R.T. -0.02 min

Lab File: BG029210.D

Acq: 14 Oct 2017 3:29

Instrument :

BNA_G

ClientSampleId :

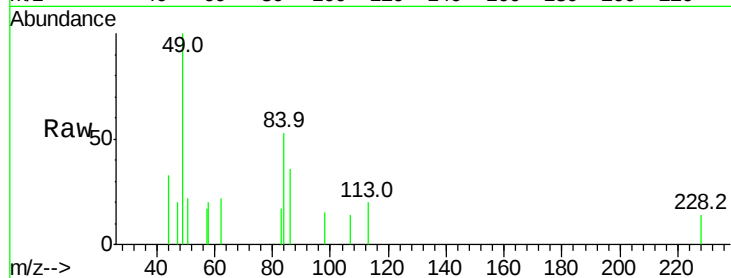
Tot Ion:107 Resp: 54

Ion Ratio Lower Upper

107 100

121 0.0 33.8 50.6#

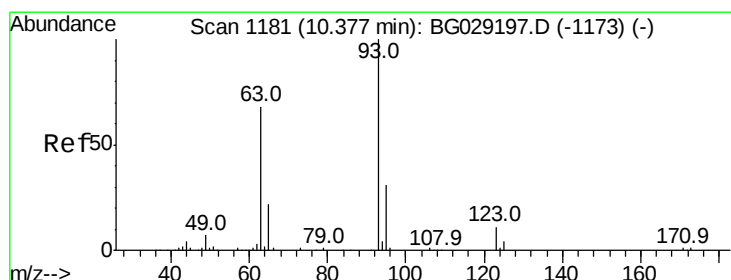
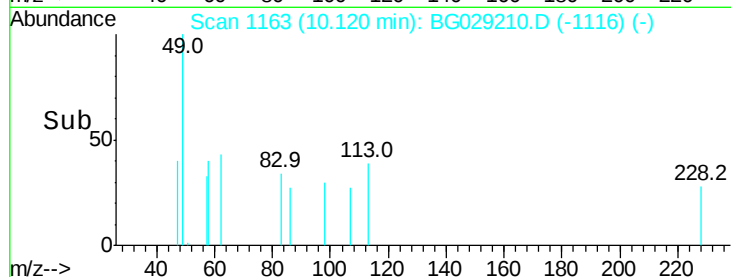
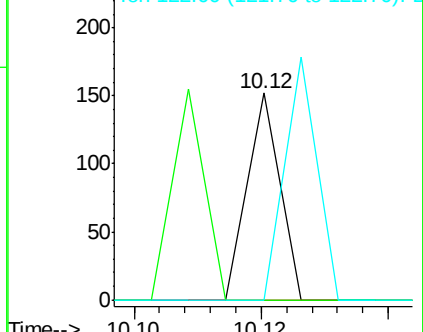
122 0.0 62.8 94.2#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 0.039 ng/ul

RT: 10.60 min Scan# 1244

Delta R.T. 0.22 min

Lab File: BG029210.D

Acq: 14 Oct 2017 3:29

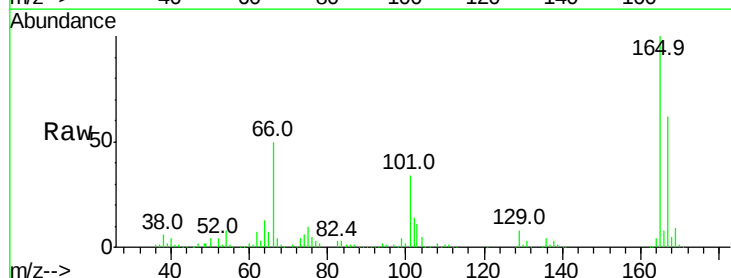
Tgt Ion: 93 Resp: 387

Ion Ratio Lower Upper

93 100

95 133.4 24.7 37.1#

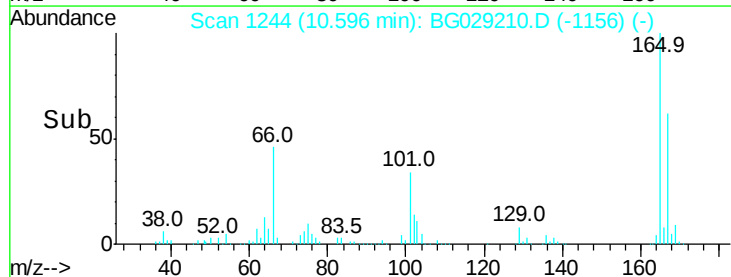
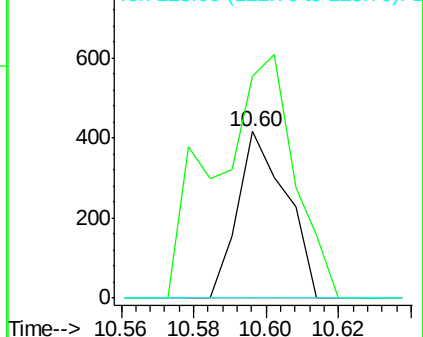
123 0.0 7.5 11.3#

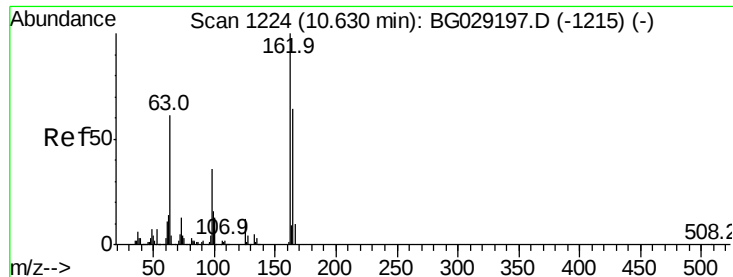


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

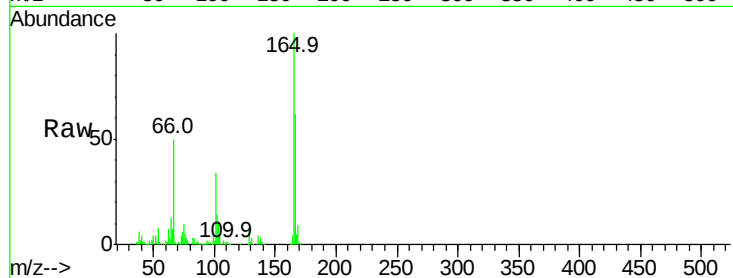




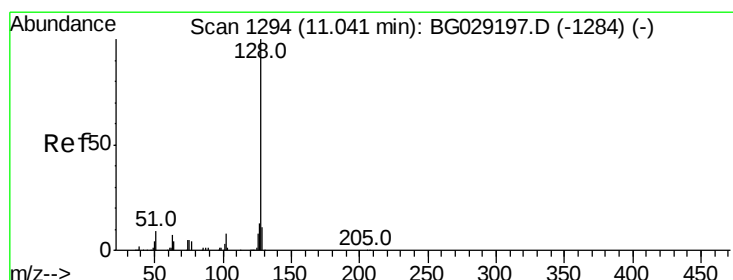
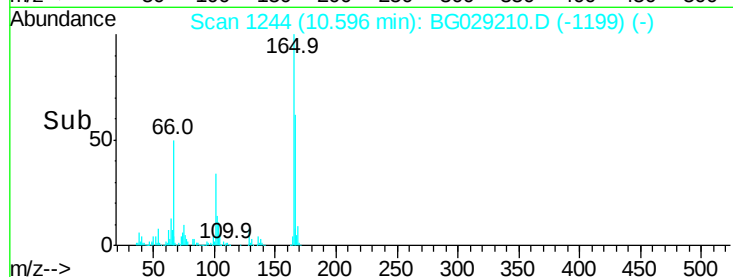
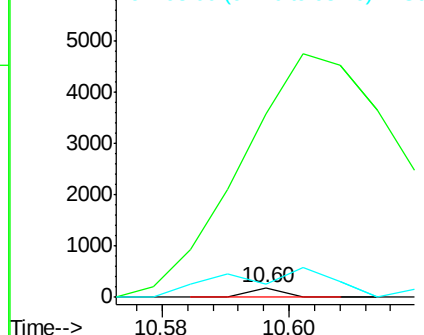
#27
2,4-Dichlorophenol
Concen: 0.010 ng/ul
RT: 10.60 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BG029210.D
Acq: 14 Oct 2017 3:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 65
Ion Ratio Lower Upper
162 100
164 1929.7 49.7 74.5#
98 139.5 26.6 40.0#

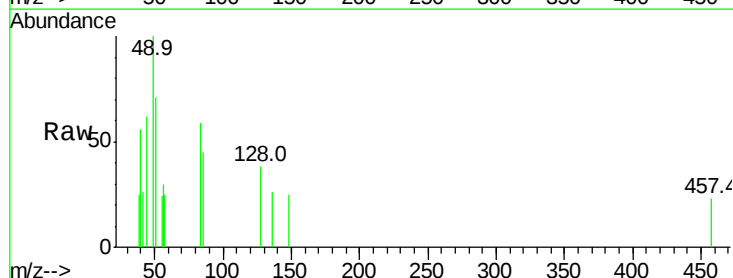


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

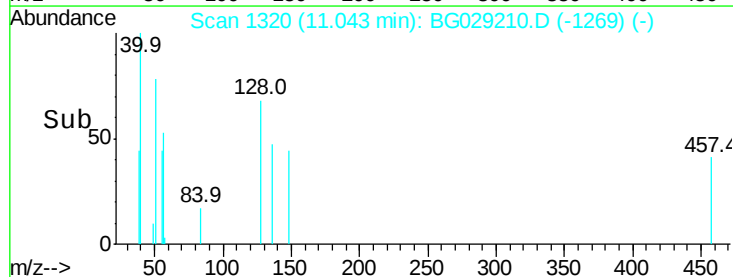
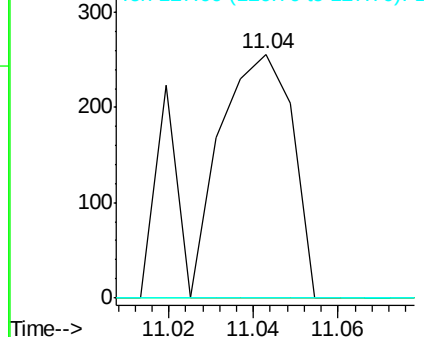


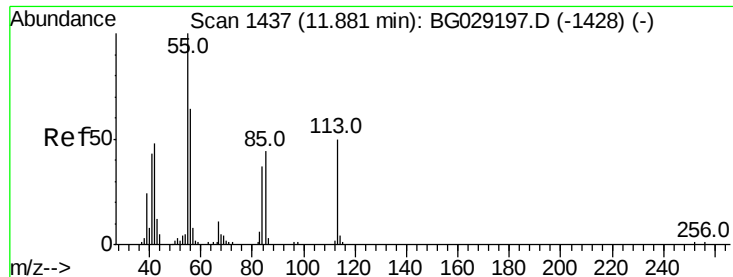
#28
Naphthalene
Concen: 0.014 ng/ul
RT: 11.04 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BG029210.D
Acq: 14 Oct 2017 3:29

Tgt Ion:128 Resp: 303
Ion Ratio Lower Upper
128 100
129 0.0 9.3 13.9#
127 0.0 10.7 16.1#



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

Caprolactam

Concen: 0.050 ng/ul

RT: 11.94 min Scan# 1473

Delta R.T. 0.06 min

Lab File: BG029210.D

Acq: 14 Oct 2017 3:29

Instrument :

BNA_G

ClientSampleId :

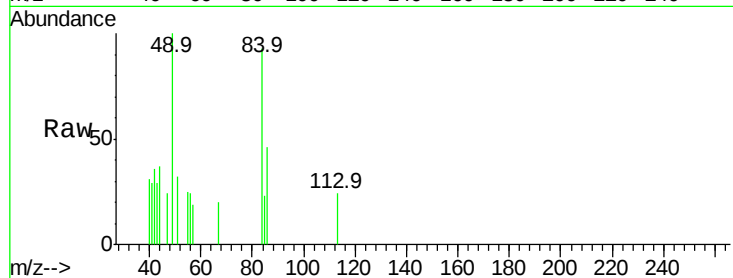
Tot Ion:113 Resp: 138

Ion Ratio Lower Upper

113 100

55 104.0 146.5 219.7#

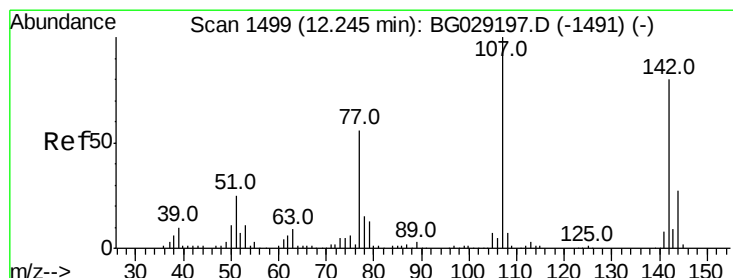
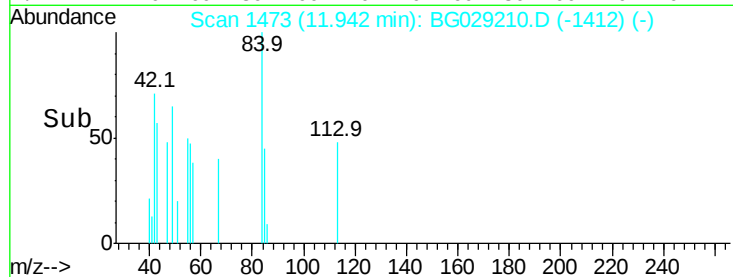
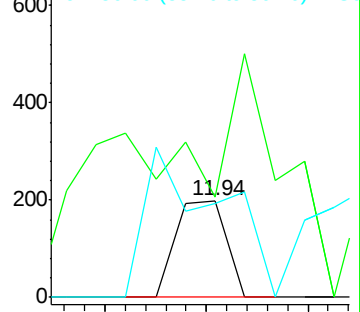
56 97.0 107.6 161.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#33

4-Chloro-3-methylphenol

Concen: 0.102 ng/ul

RT: 12.28 min Scan# 1531

Delta R.T. 0.04 min

Lab File: BG029210.D

Acq: 14 Oct 2017 3:29

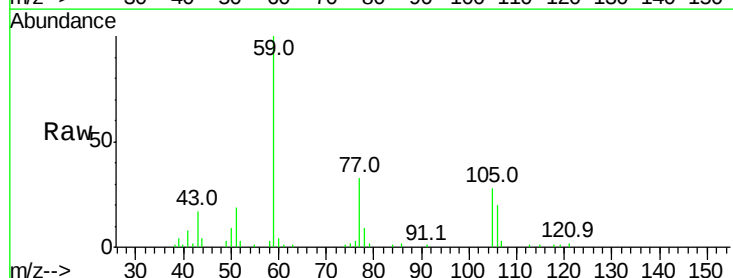
Tgt Ion:107 Resp: 769

Ion Ratio Lower Upper

107 100

144 0.0 18.0 27.0#

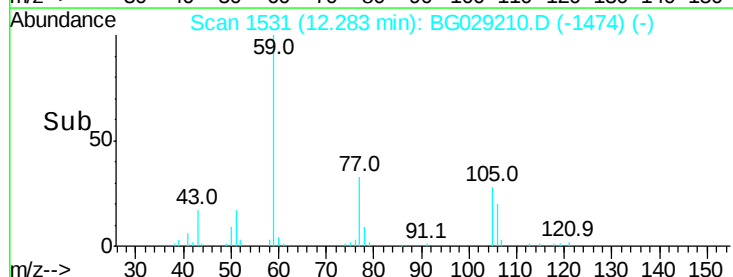
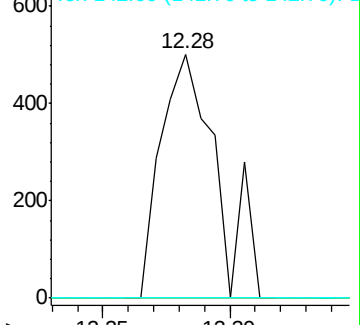
142 0.0 60.5 90.7#

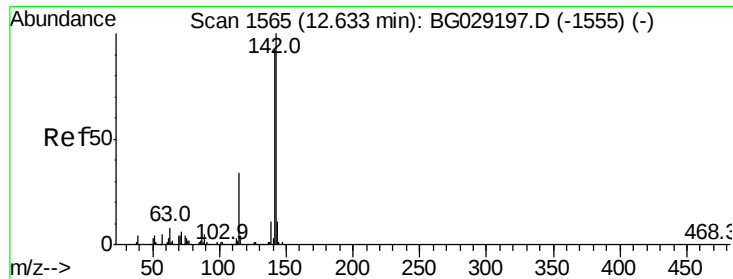


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

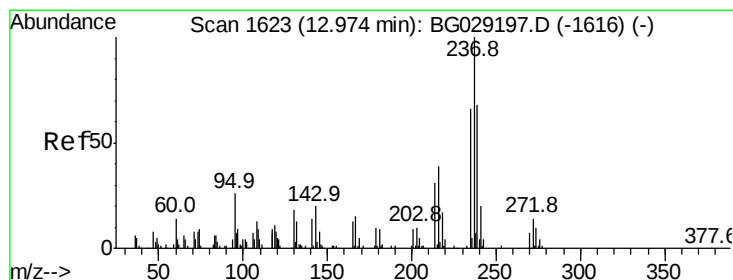
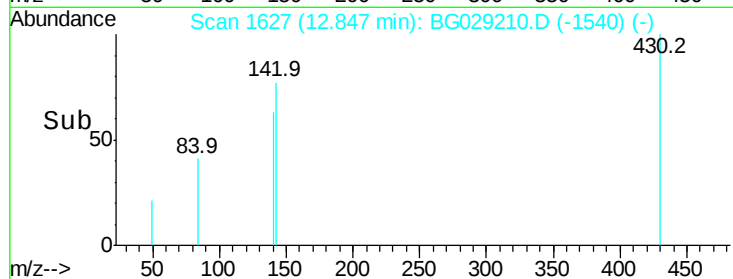
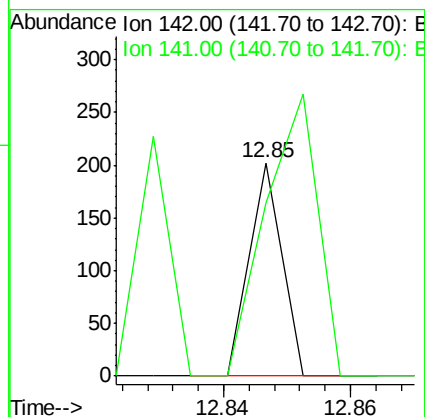
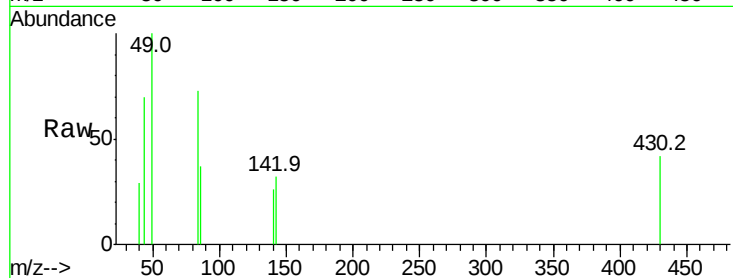




#34
2-Methylnaphthalene
Concen: 0.004 ng/ul
RT: 12.85 min Scan# 1627
Delta R.T. 0.21 min
Lab File: BG029210.D
Acq: 14 Oct 2017 3:29

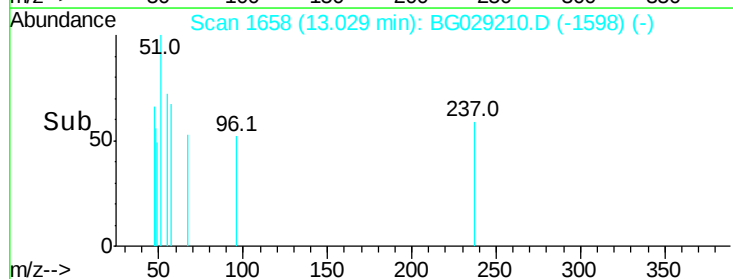
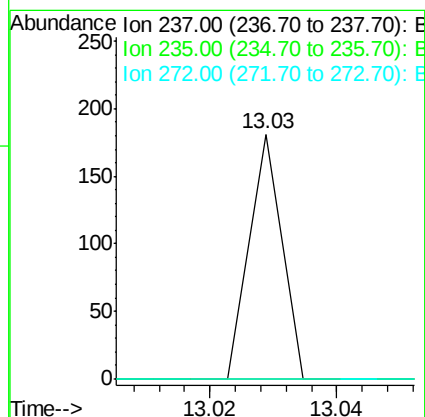
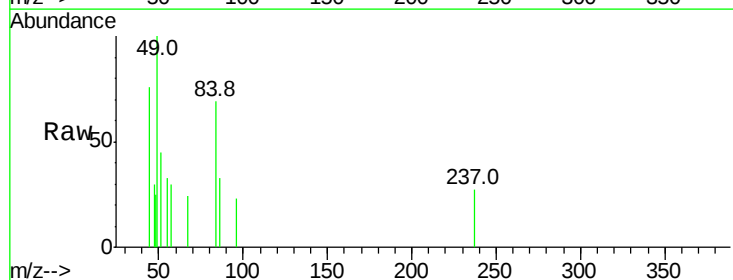
Instrument :
BNA_G
ClientSampled :

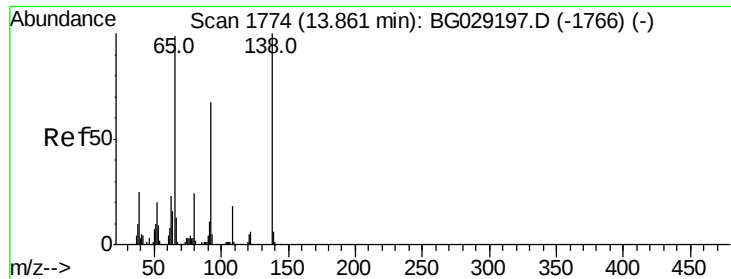
Tot Ion:142 Resp: 71
Ion Ratio Lower Upper
142 100
141 81.2 75.4 113.0



#37
Hexachlorocyclopentadiene
Concen: 0.017 ng/ul
RT: 13.03 min Scan# 1658
Delta R.T. 0.05 min
Lab File: BG029210.D
Acq: 14 Oct 2017 3:29

Tgt Ion:237 Resp: 64
Ion Ratio Lower Upper
237 100
235 0.0 51.9 77.9#
272 0.0 9.8 14.6#





#42

2-Nitroaniline

Concen: 0.014 ng/ul

RT: 13.86 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BG029210.D

Acq: 14 Oct 2017 3:29

Instrument :

BNA_G

ClientSampleId :

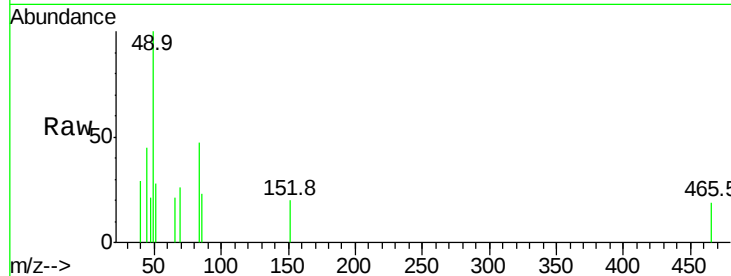
Tot Ion: 65 Resp: 66

Ion Ratio Lower Upper

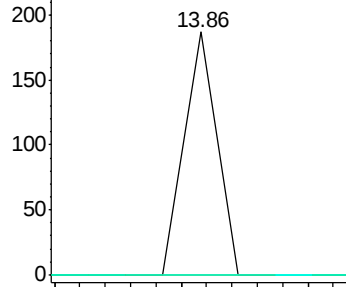
65 100

92 0.0 55.3 82.9#

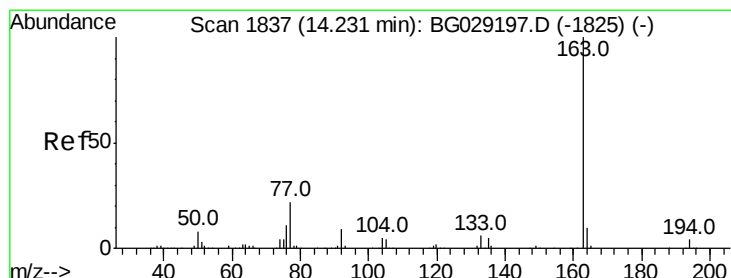
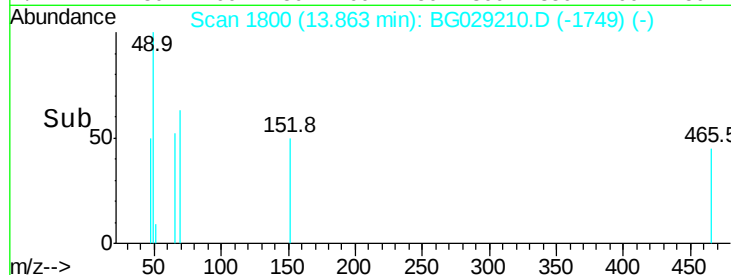
138 0.0 70.3 105.5#



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--> 13.84 13.86 13.88



#44

Dimethylphthalate

Concen: 10.872 ng/ul

RT: 14.23 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BG029210.D

Acq: 14 Oct 2017 3:29

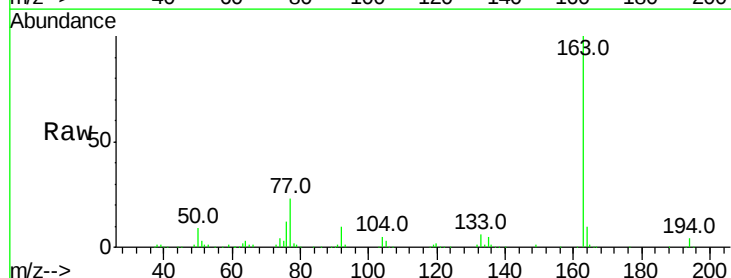
Tgt Ion: 163 Resp: 223956

Ion Ratio Lower Upper

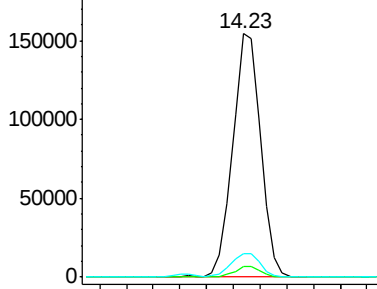
163 100

194 4.2 3.5 5.3

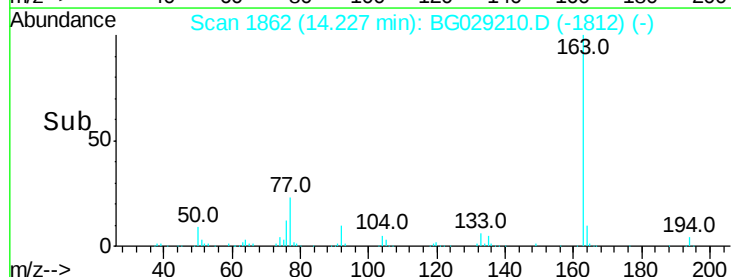
164 9.8 7.6 11.4

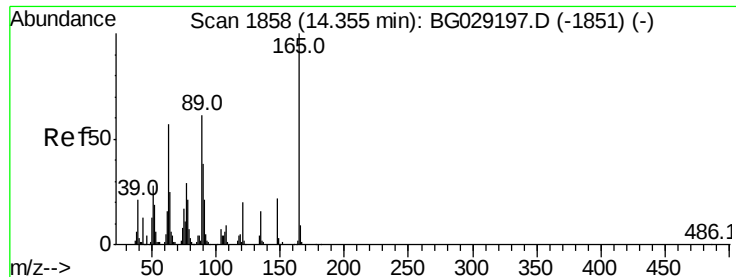


Abundance Ion 163.00 (162.70 to 163.70): BGC
Ion 194.00 (193.70 to 194.70): BGC
Ion 164.00 (163.70 to 164.70): BGC



Time--> 14.20 14.23 14.30





#45

2,6-Dinitrotoluene

Concen: 0.761 ng/ul

RT: 14.23 min Scan# 1862

Delta R.T. -0.13 min

Lab File: BG029210.D

Acq: 14 Oct 2017 3:29

Instrument :

BNA_G

ClientSampleId :

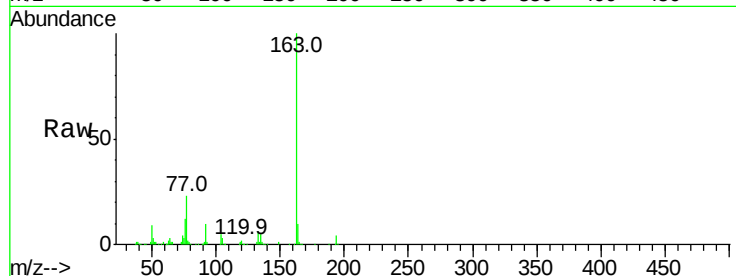
Tot Ion:165 Resp: 2742

Ion Ratio Lower Upper

165 100

89 17.1 51.1 76.7#

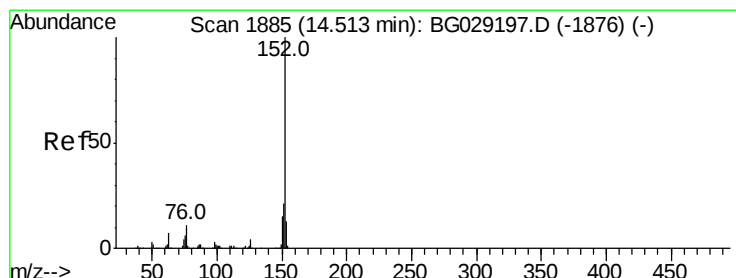
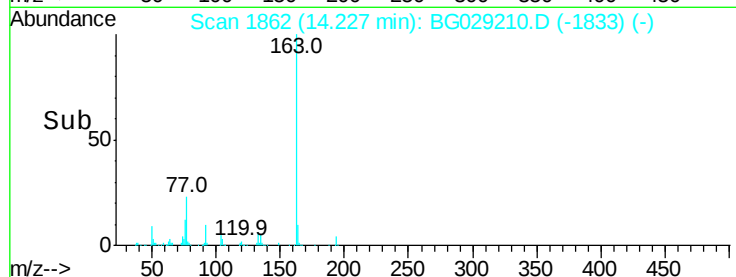
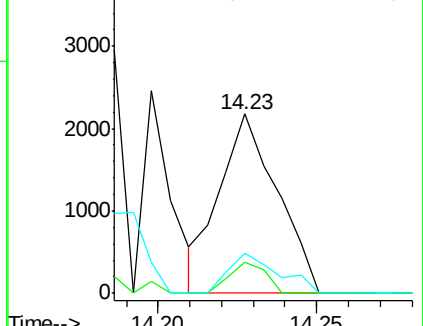
121 22.4 17.2 25.8



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: 0.003 ng/ul

RT: 14.47 min Scan# 1904

Delta R.T. -0.04 min

Lab File: BG029210.D

Acq: 14 Oct 2017 3:29

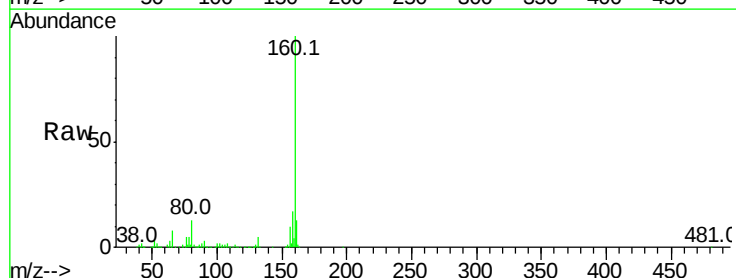
Tgt Ion:152 Resp: 80

Ion Ratio Lower Upper

152 100

151 0.0 15.2 22.8#

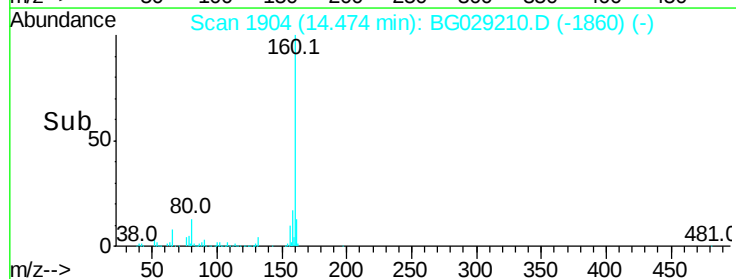
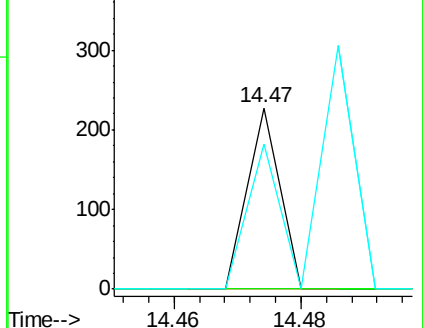
153 80.3 10.2 15.4#

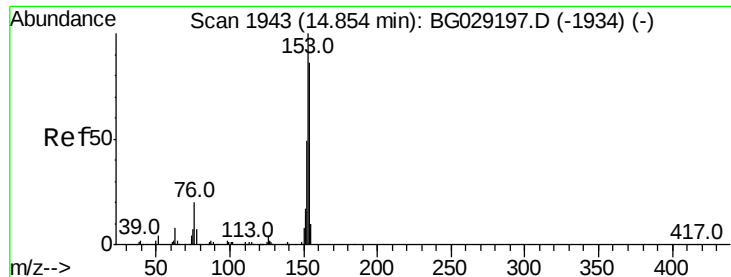


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Acenaphthene

Concen: 0.063 ng/ul

RT: 14.86 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BG029210.D

Acq: 14 Oct 2017 3:29

Instrument :

BNA_G

ClientSampleId :

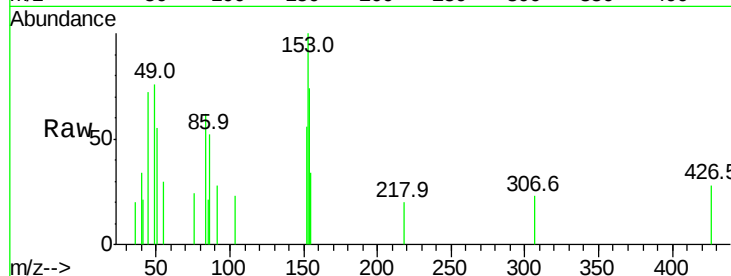
Tot Ion:153 Resp: 1121

Ion Ratio Lower Upper

153 100

152 55.6 38.2 57.2

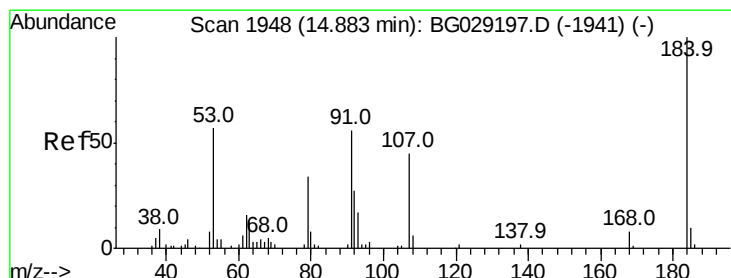
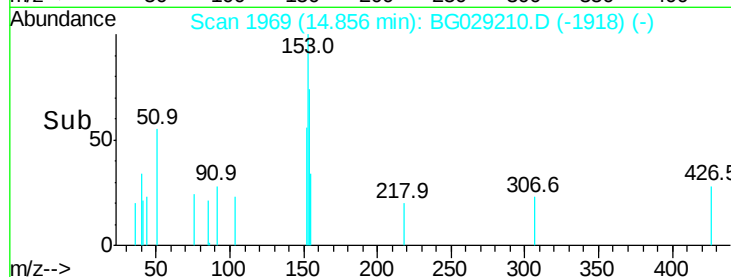
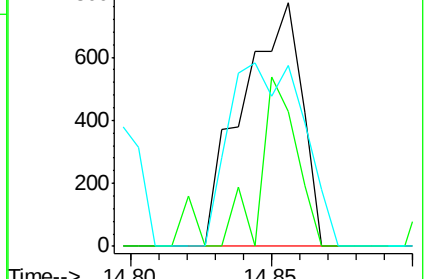
154 74.1 70.6 105.8



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



#50

2,4-Dinitrophenol

Concen: 0.036 ng/ul

RT: 14.70 min Scan# 1943

Delta R.T. -0.18 min

Lab File: BG029210.D

Acq: 14 Oct 2017 3:29

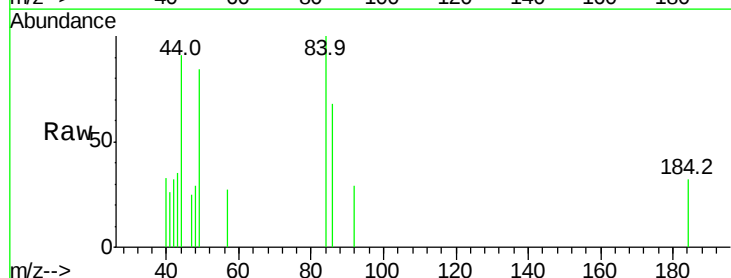
Tgt Ion:184 Resp: 69

Ion Ratio Lower Upper

184 100

63 0.0 58.6 87.8#

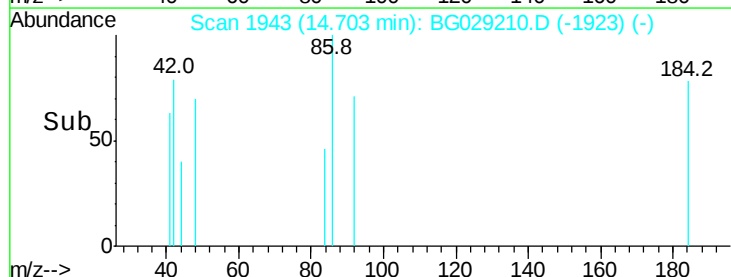
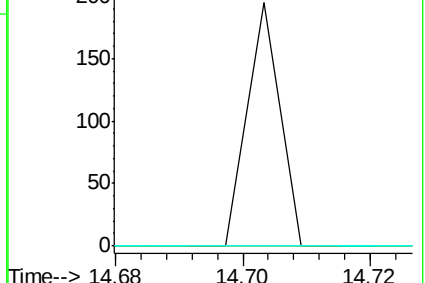
154 0.0 55.8 83.6#

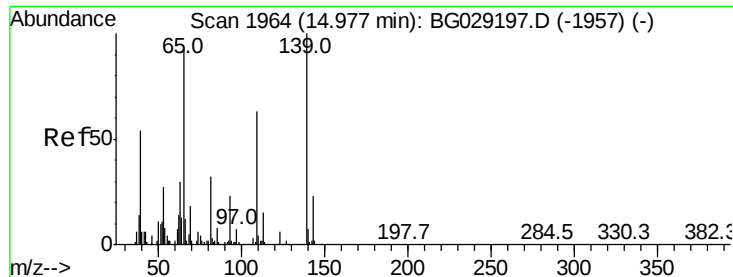


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

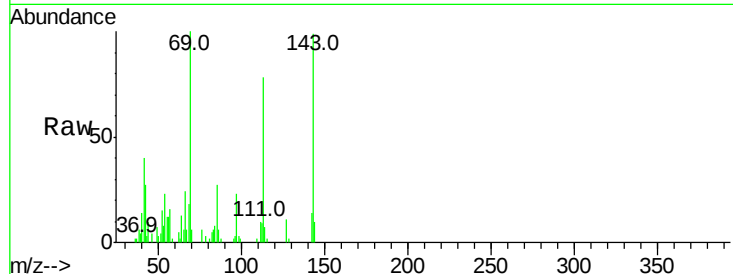




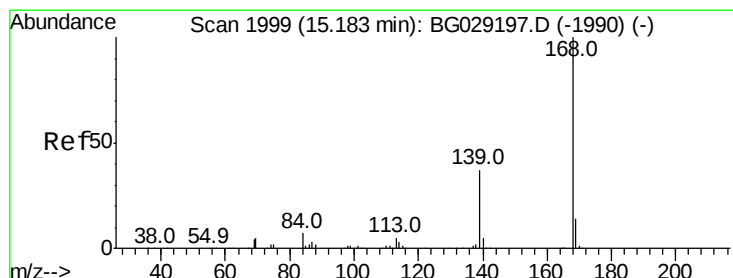
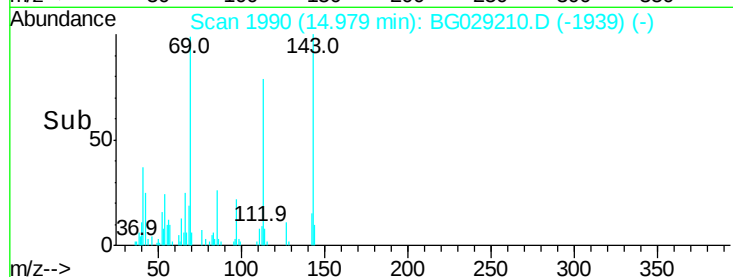
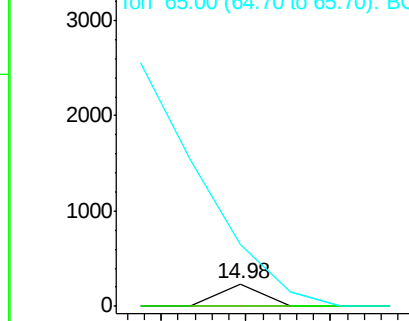
#52
4-Nitrophenol
Concen: 0.028 ng/ul
RT: 14.98 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG029210.D
Acq: 14 Oct 2017 3:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
109	100		
139	0.0	89.5	134.3#
65	273.3	98.3	147.5#

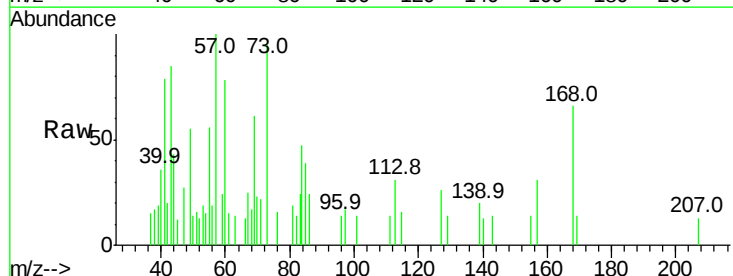


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BGC

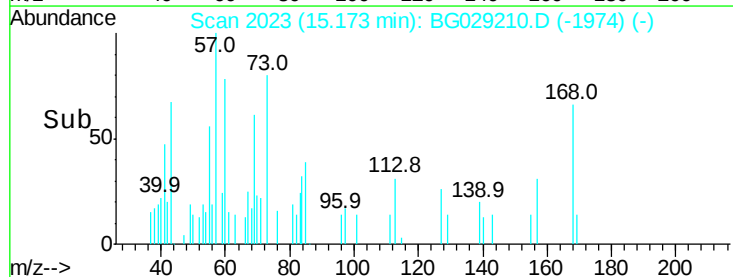
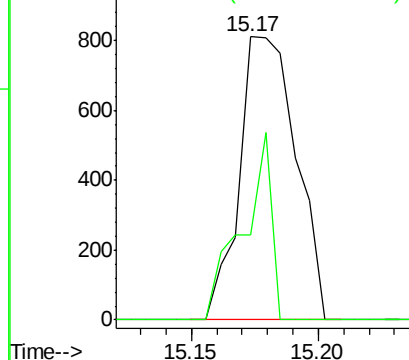


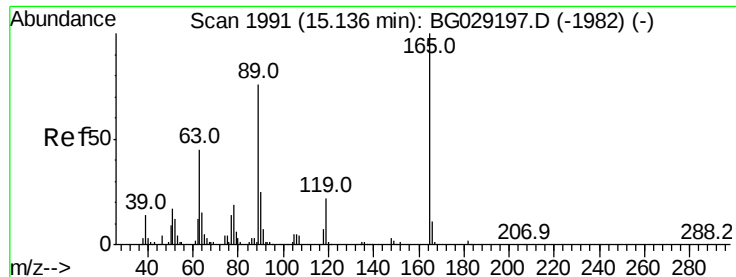
#53
Dibenzofuran
Concen: 0.052 ng/ul
RT: 15.17 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BG029210.D
Acq: 14 Oct 2017 3:29

Tgt Ion	Ratio	Lower	Upper
168	100		
139	30.1	31.4	47.2#



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E

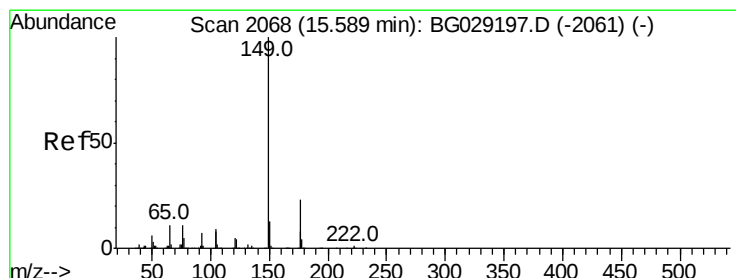
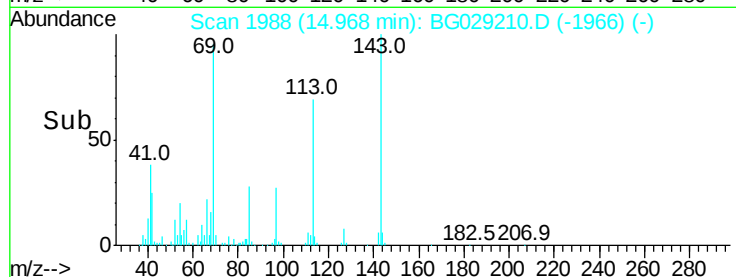
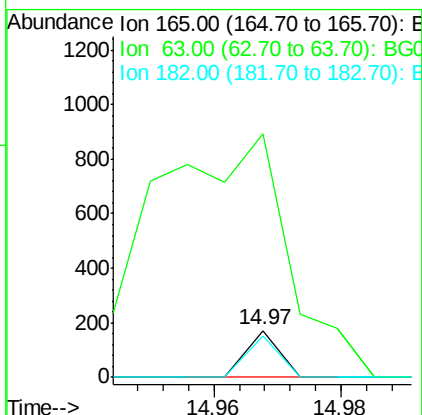
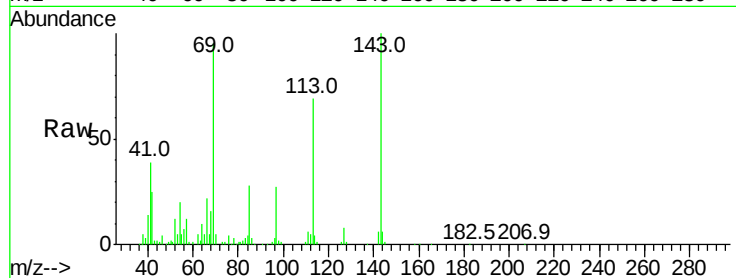




#54
 2,4-Dinitrotoluene
 Concen: 0.012 ng/ul
 RT: 14.97 min Scan# 1988
 Delta R.T. -0.17 min
 Lab File: BG029210.D
 Acq: 14 Oct 2017 3:29

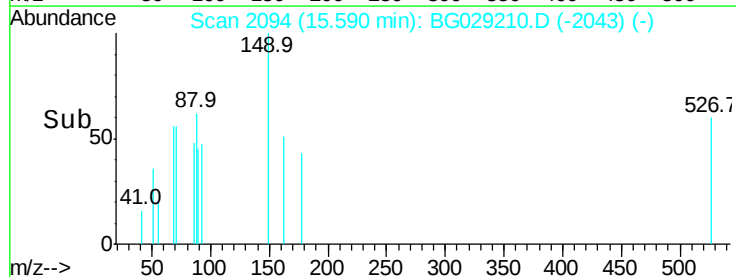
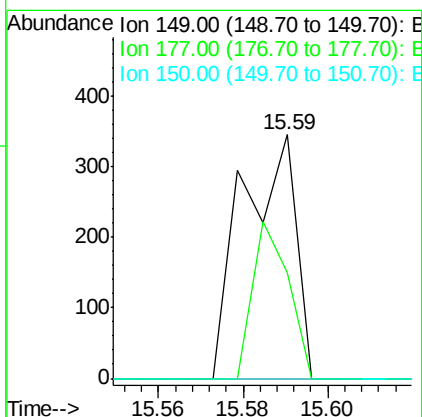
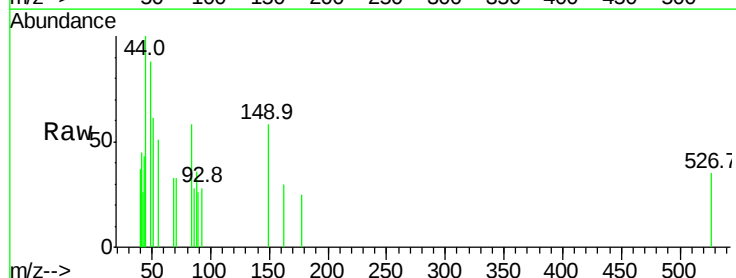
Instrument :
 BNA_G
 ClientSampled :

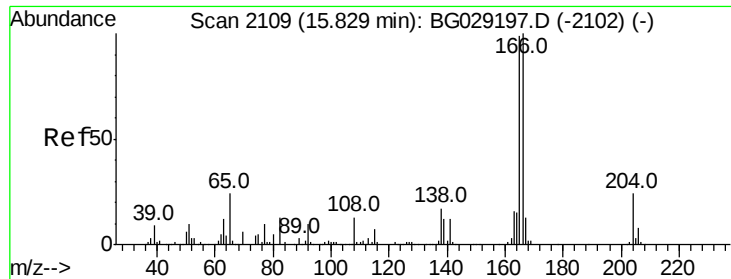
Tot Ion:165 Resp: 61
 Ion Ratio Lower Upper
 165 100
 63 519.2 38.2 57.4#
 182 89.0 2.3 3.5#



#56
 Diethylphthalate
 Concen: 0.014 ng/ul
 RT: 15.59 min Scan# 2094
 Delta R.T. 0.00 min
 Lab File: BG029210.D
 Acq: 14 Oct 2017 3:29

Tgt Ion:149 Resp: 303
 Ion Ratio Lower Upper
 149 100
 177 43.5 17.8 26.6#
 150 0.0 9.8 14.8#





#58

Fluorene

Concen: 0.066 ng/ul

RT: 15.83 min Scan# 2135

Delta R.T. 0.00 min

Lab File: BG029210.D

Acq: 14 Oct 2017 3:29

Instrument :

BNA_G

ClientSampleId :

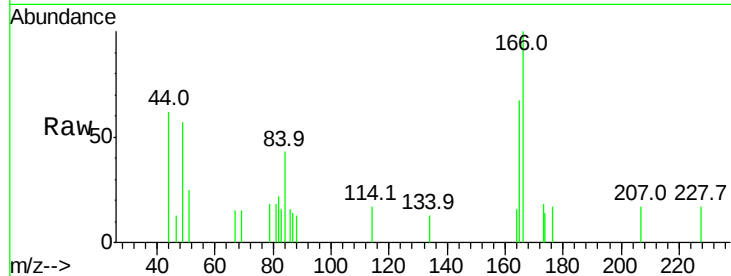
Tot Ion:166 Resp: 1297

Ion Ratio Lower Upper

166 100

165 67.0 79.9 119.9#

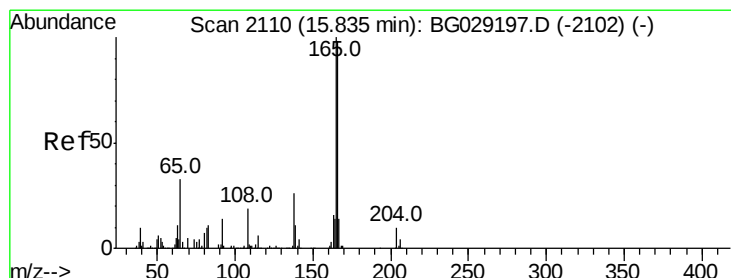
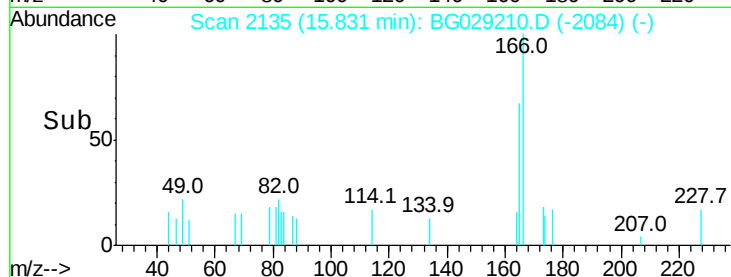
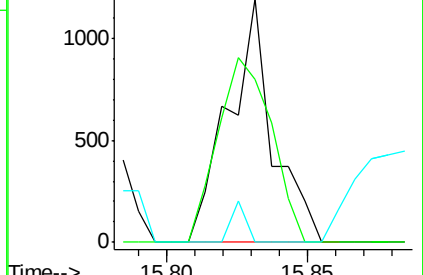
167 0.0 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Nitroaniline

Concen: 0.149 ng/ul

RT: 15.87 min Scan# 2142

Delta R.T. 0.04 min

Lab File: BG029210.D

Acq: 14 Oct 2017 3:29

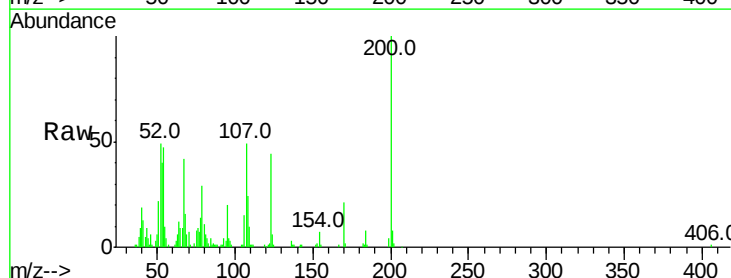
Tgt Ion:138 Resp: 717

Ion Ratio Lower Upper

138 100

92 100.0 44.2 66.2#

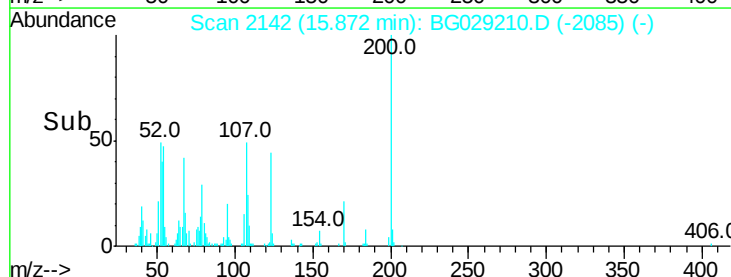
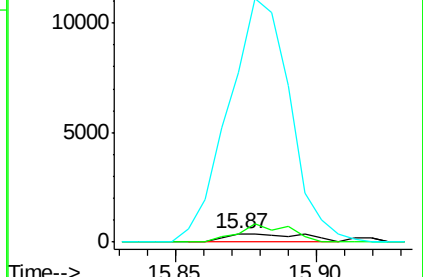
108 1961.8 63.7 95.5#

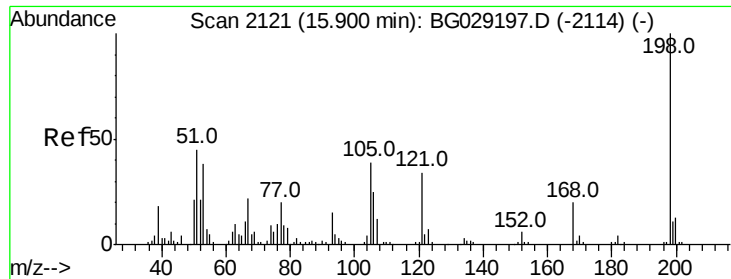


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG0

Ion 108.00 (107.70 to 108.70): E





#63

4,6-Dinitro-2-methylphenol

Concen: 0.076 ng/ul

RT: 15.88 min Scan# 2143

Delta R.T. -0.02 min

Lab File: BG029210.D

Acq: 14 Oct 2017 3:29

Instrument :

BNA_G

ClientSampleId :

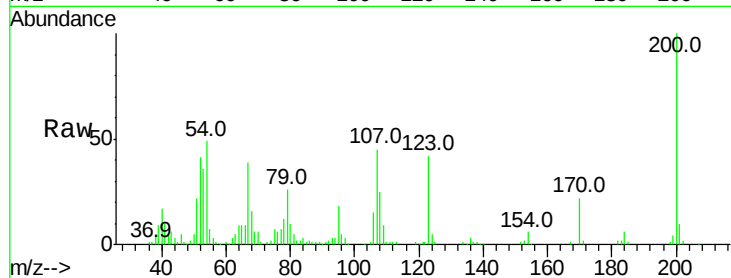
Tot Ion:198 Resp: 234

Ion Ratio Lower Upper

198 100

182 195.2 4.6 5.0#

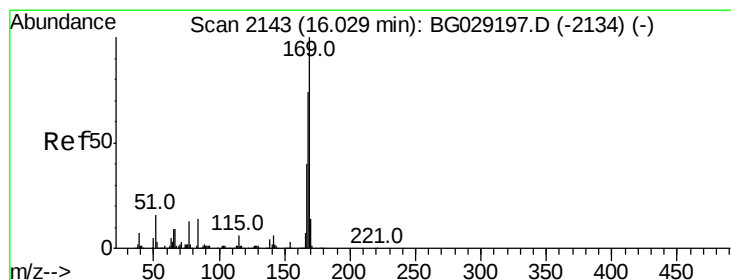
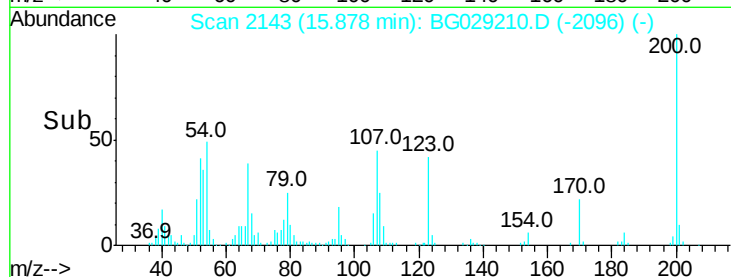
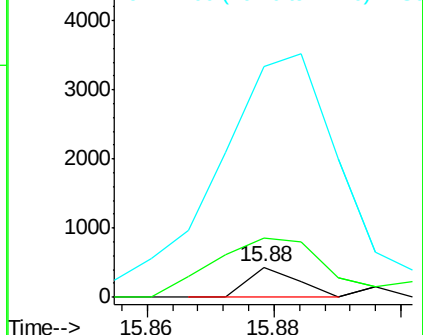
77 762.8 25.9 39.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): B



#64

N-Nitrosodiphenylamine

Concen: 0.018 ng/ul

RT: 15.89 min Scan# 2145

Delta R.T. -0.14 min

Lab File: BG029210.D

Acq: 14 Oct 2017 3:29

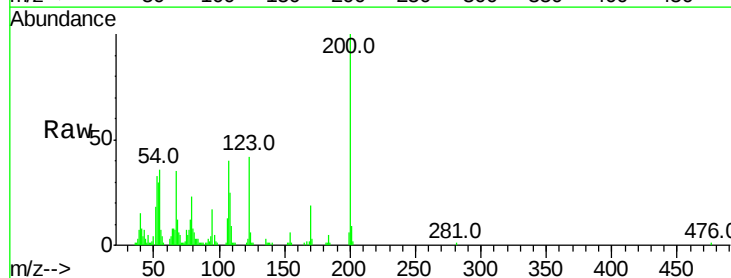
Tgt Ion:169 Resp: 326

Ion Ratio Lower Upper

169 100

168 0.0 54.1 81.1#

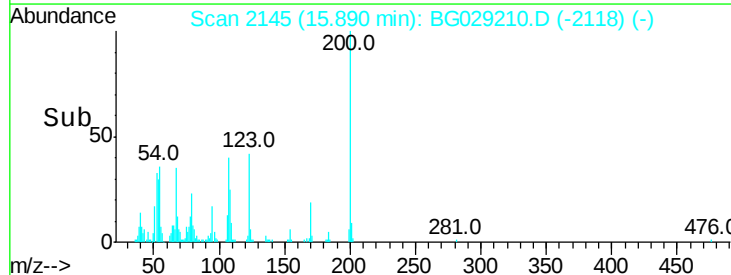
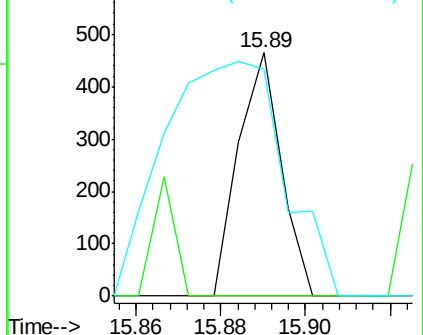
167 93.1 30.0 45.0#

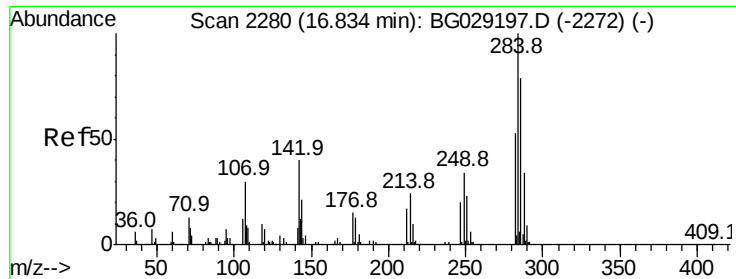


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

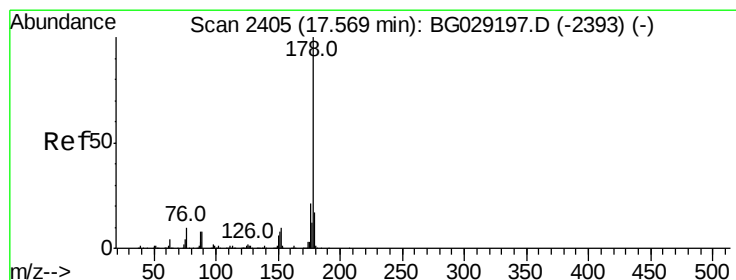
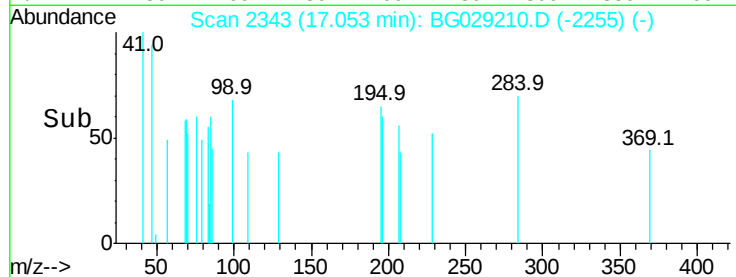
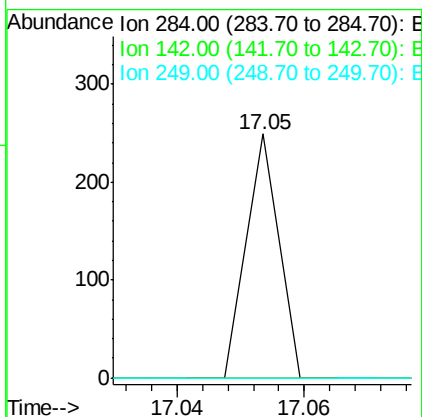
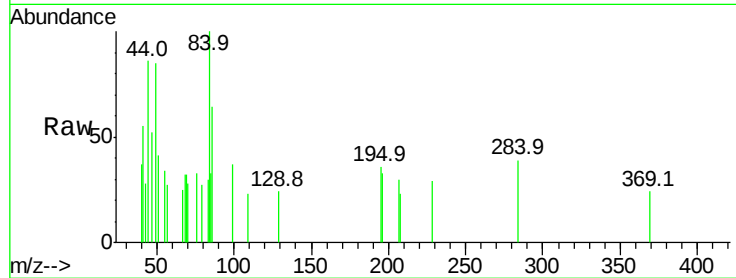




#66
Hexachlorobenzene
Concen: 0.014 ng/ul
RT: 17.05 min Scan# 2343
Delta R.T. 0.22 min
Lab File: BG029210.D
Acq: 14 Oct 2017 3:29

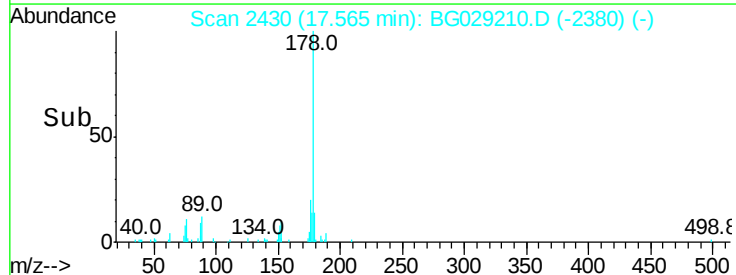
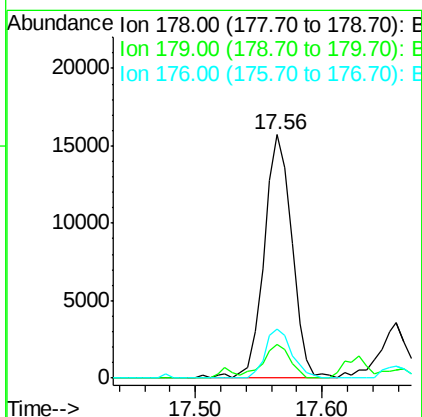
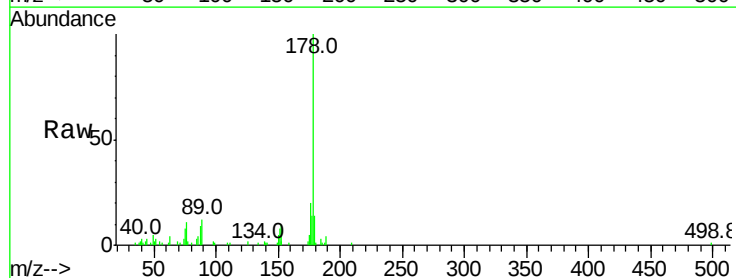
Instrument :
BNA_G
ClientSampleId :

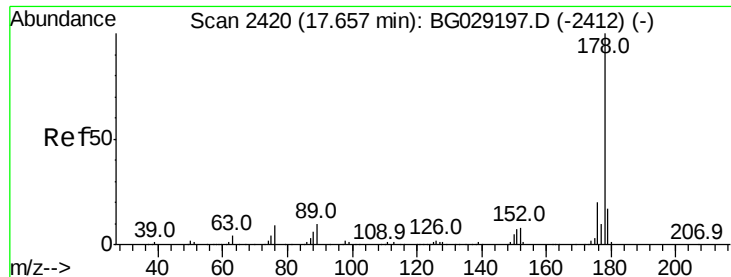
Tot Ion	Ratio	Lower	Upper
284	100		
142	0.0	27.5	41.3#
249	0.0	28.2	42.2#



#69
Phenanthrene
Concen: 0.737 ng/ul
RT: 17.56 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG029210.D
Acq: 14 Oct 2017 3:29

Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.6	13.0	19.6
176	20.0	15.3	22.9





#71

Anthracene

Concen: 0.163 ng/ul

RT: 17.66 min Scan# 2446

Delta R.T. 0.00 min

Lab File: BG029210.D

Acq: 14 Oct 2017 3:29

Instrument :

BNA_G

ClientSampleId :

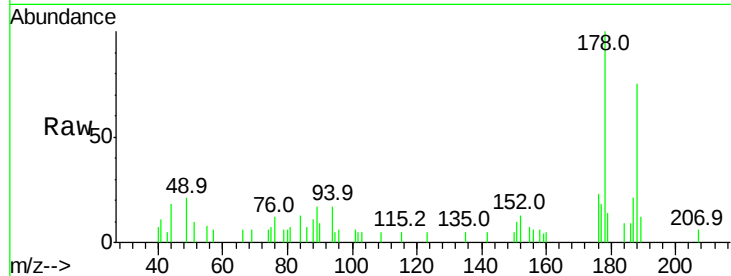
Tot Ion:178 Resp: 5450

Ion Ratio Lower Upper

178 100

179 14.1 13.2 19.8

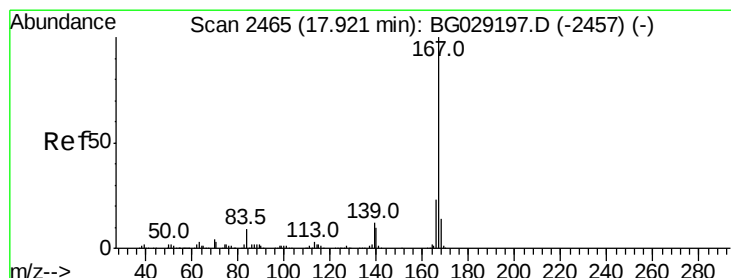
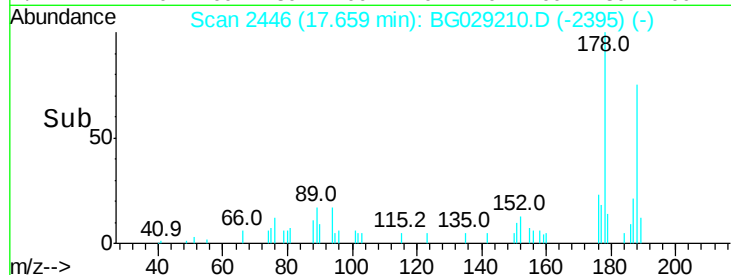
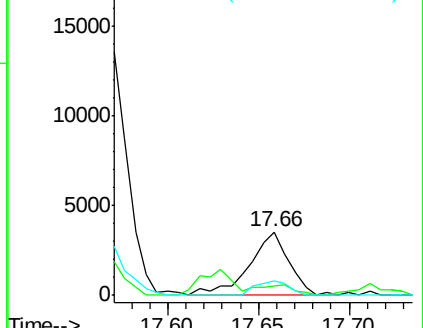
176 22.7 16.0 24.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Carbazole

Concen: 0.082 ng/ul

RT: 17.92 min Scan# 2490

Delta R.T. -0.00 min

Lab File: BG029210.D

Acq: 14 Oct 2017 3:29

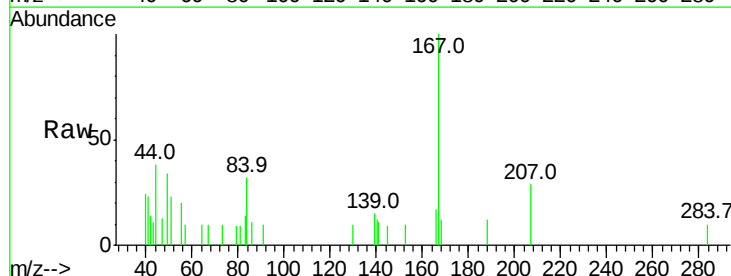
Tgt Ion:167 Resp: 2470

Ion Ratio Lower Upper

167 100

166 17.3 18.6 28.0#

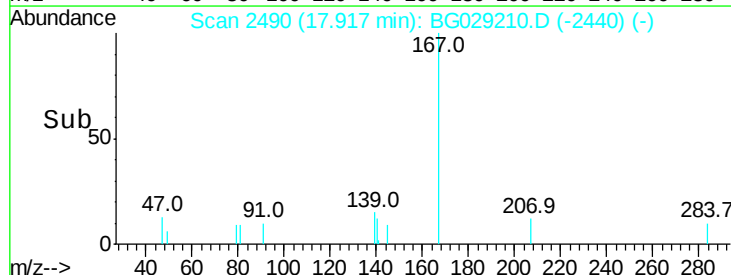
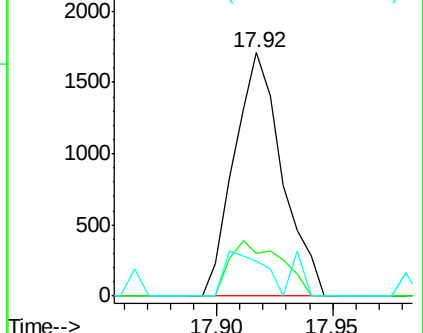
139 14.5 10.6 16.0

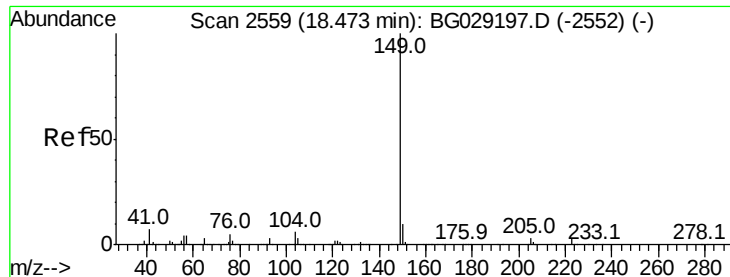


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

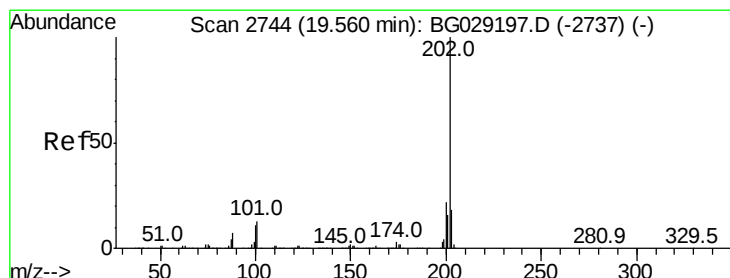
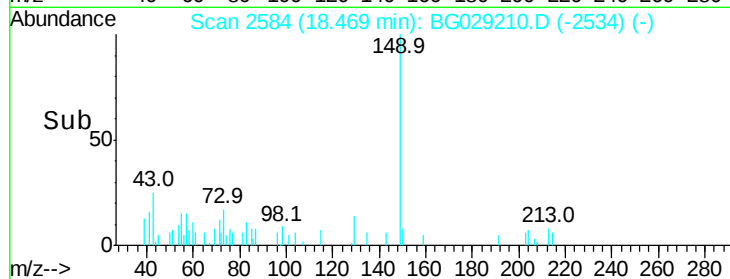
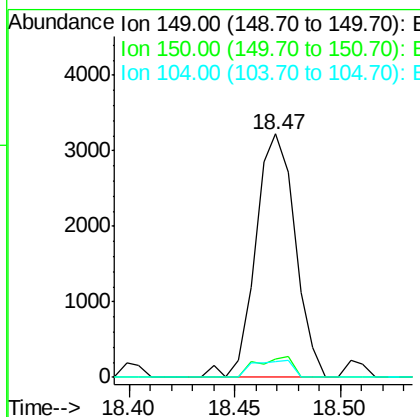
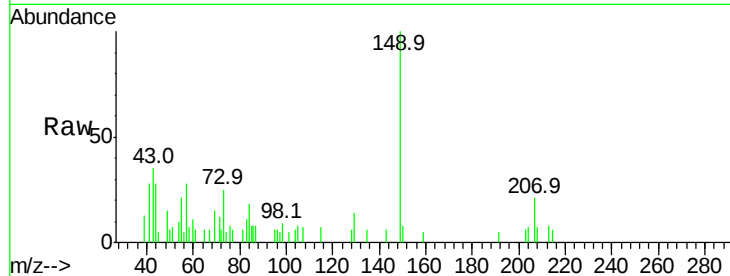




#73
 Di-n-butylphthalate
 Concen: 0.116 ng/ul
 RT: 18.47 min Scan# 2584
 Delta R.T. -0.00 min
 Lab File: BG029210.D
 Acq: 14 Oct 2017 3:29

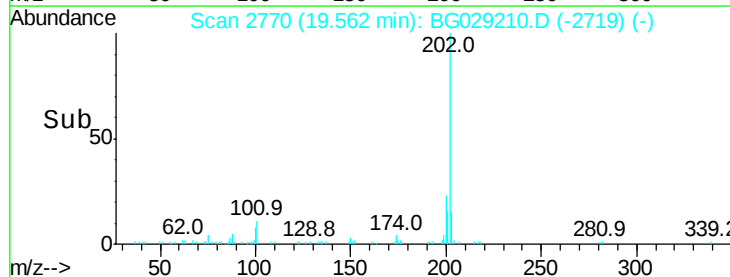
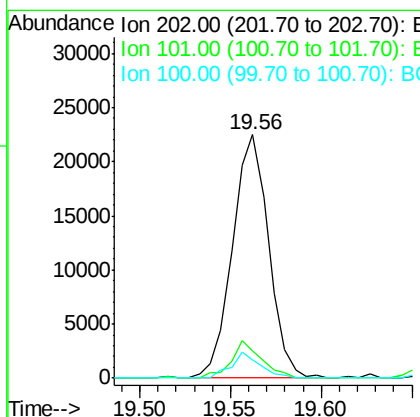
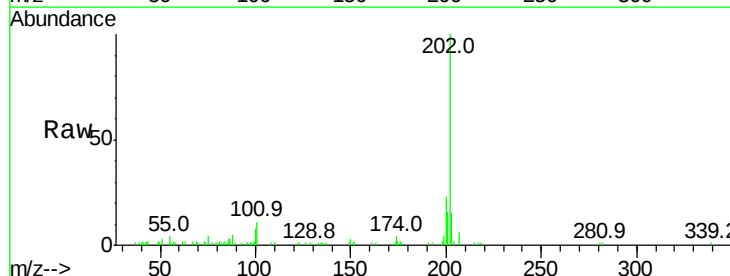
Instrument :
 BNA_G
 ClientSampleId :

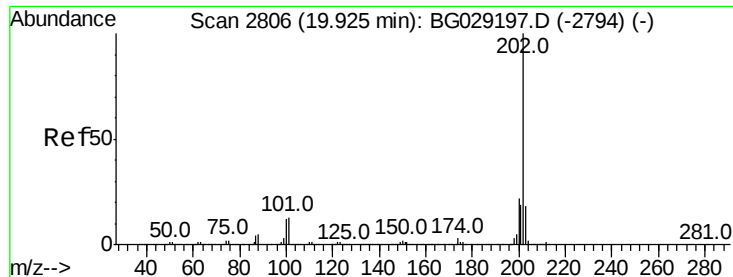
Tot Ion:149 Resp: 4187
 Ion Ratio Lower Upper
 149 100
 150 7.7 7.5 11.3
 104 6.4 4.6 7.0



#74
 Fluoranthene
 Concen: 0.860 ng/ul
 RT: 19.56 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: BG029210.D
 Acq: 14 Oct 2017 3:29

Tgt Ion:202 Resp: 31159
 Ion Ratio Lower Upper
 202 100
 101 11.1 7.4 11.2
 100 7.7 5.6 8.4





#77

Pvrene

Concen: 0.691 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG029210.D

Acq: 14 Oct 2017 3:29

Instrument :

BNA_G

ClientSampleId :

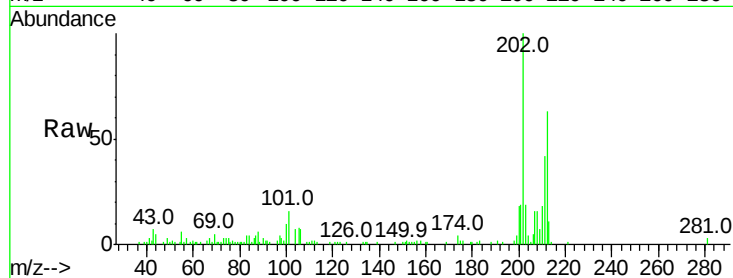
Tot Ion:202 Resp: 27174

Ion Ratio Lower Upper

202 100

101 16.3 8.4 12.6#

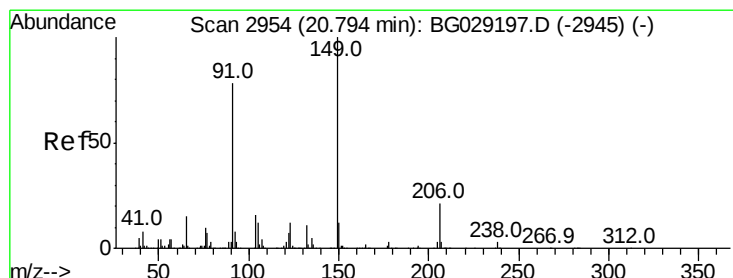
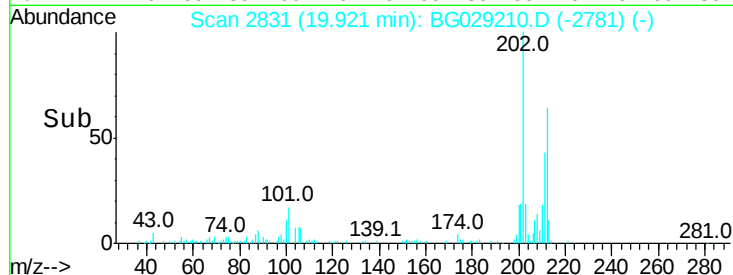
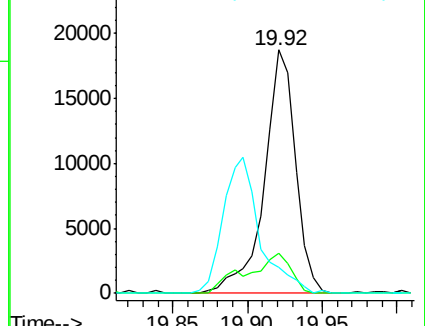
100 10.4 7.0 10.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#78

Butylbenzylphthalate

Concen: 0.043 ng/ul

RT: 20.80 min Scan# 2980

Delta R.T. 0.00 min

Lab File: BG029210.D

Acq: 14 Oct 2017 3:29

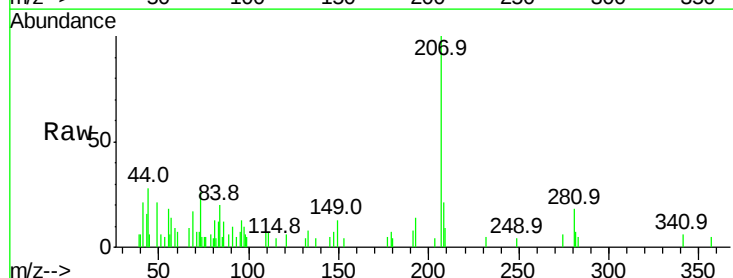
Tgt Ion:149 Resp: 684

Ion Ratio Lower Upper

149 100

91 78.1 61.3 91.9

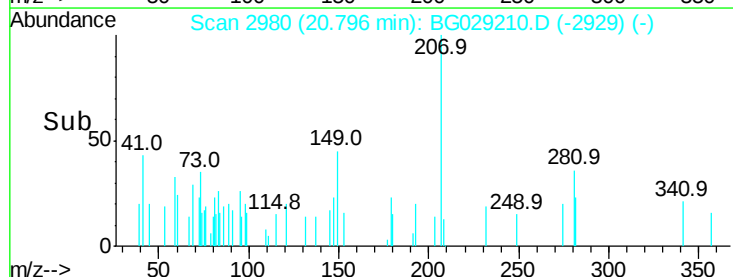
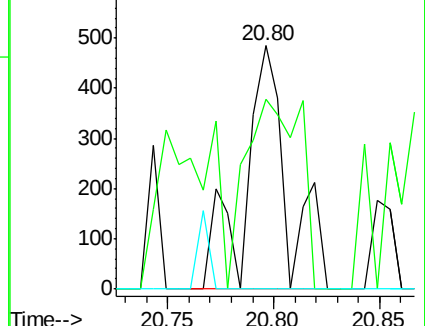
206 0.0 19.5 29.3#

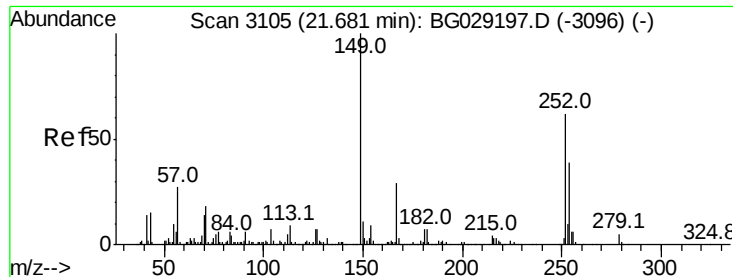


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#79

3,3'-Dichlorobenzidine

Concen: 0.006 ng/ul

RT: 21.71 min Scan# 3136

Delta R.T. 0.03 min

Lab File: BG029210.D

Acq: 14 Oct 2017 3:29

Instrument :

BNA_G

ClientSampled :

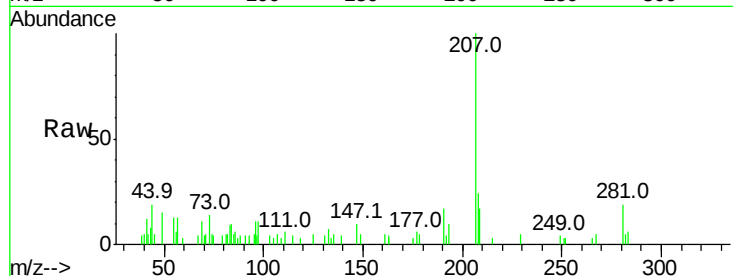
Tot Ion:252 Resp: 61

Ion Ratio Lower Upper

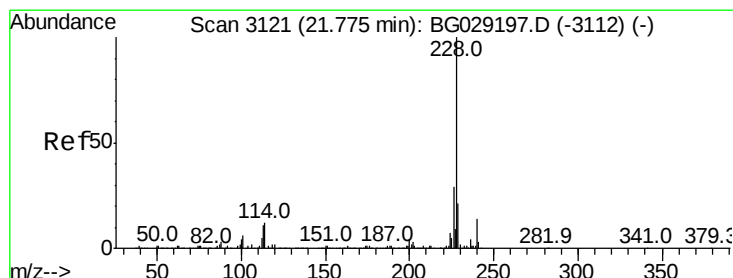
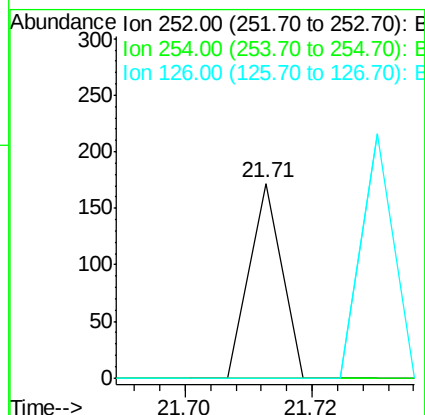
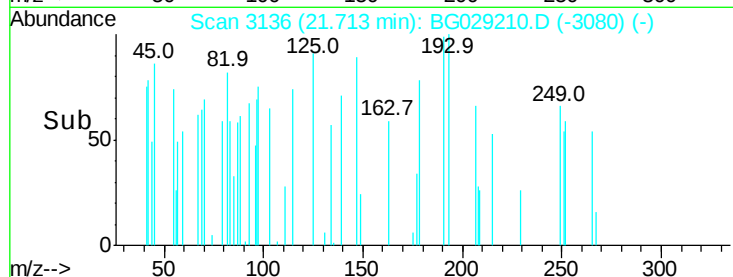
252 100

254 0.0 51.4 77.2#

126 0.0 9.3 13.9#



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: 0.423 ng/ul

RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG029210.D

Acq: 14 Oct 2017 3:29

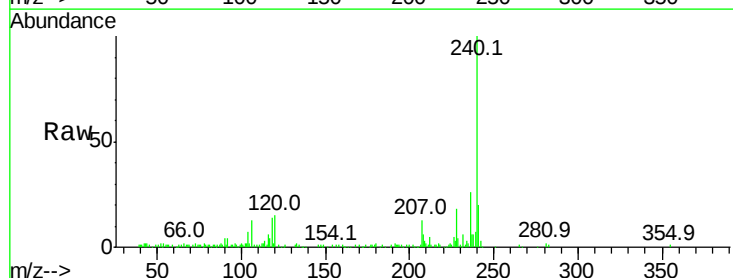
Tgt Ion:228 Resp: 15561

Ion Ratio Lower Upper

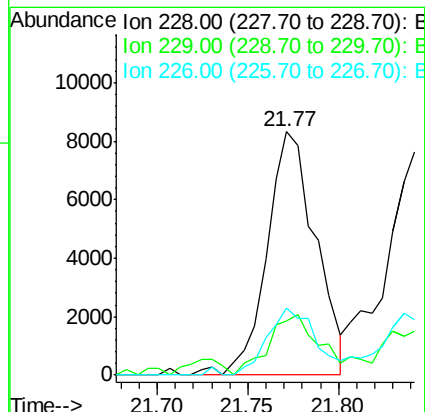
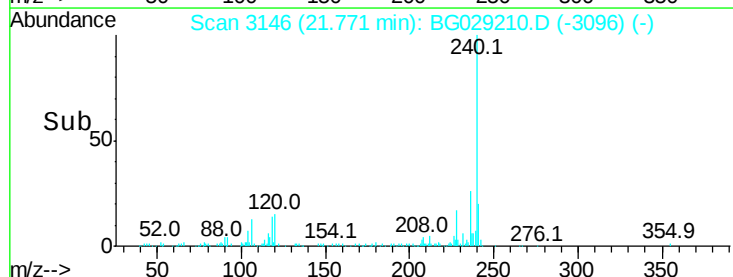
228 100

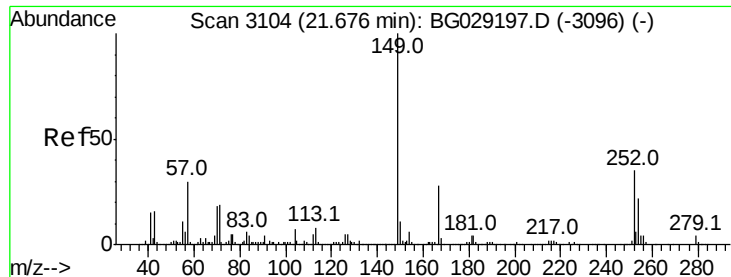
229 22.2 16.2 24.4

226 27.5 22.2 33.2



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

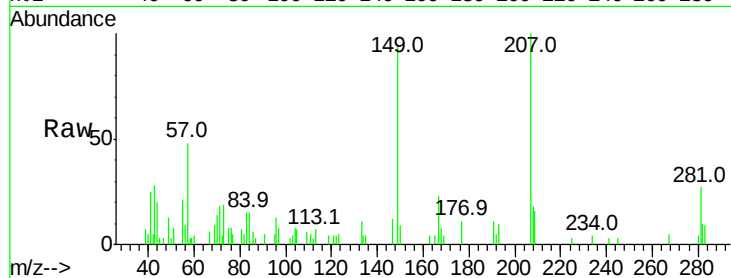




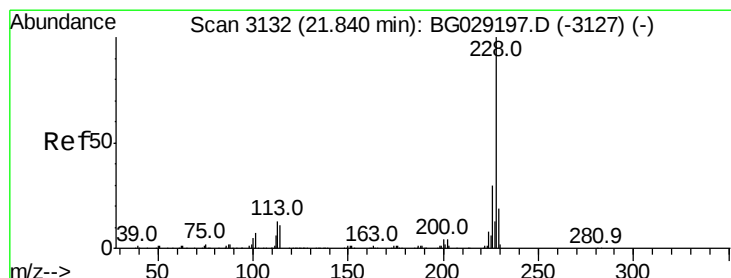
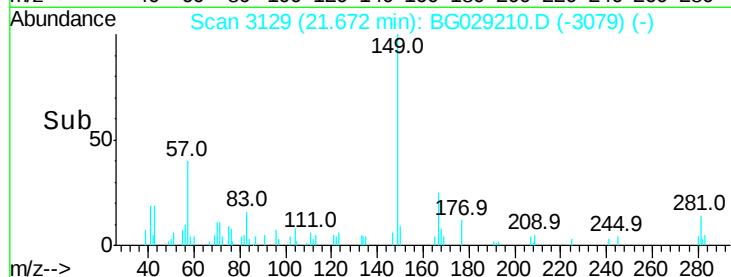
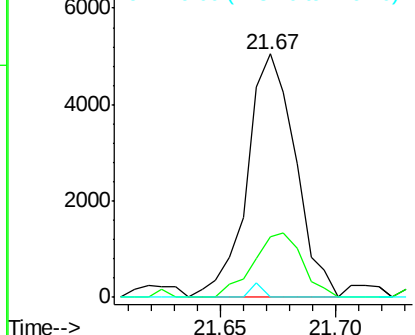
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 0.318 ng/ul
 RT: 21.67 min Scan# 3129
 Delta R.T. -0.00 min
 Lab File: BG029210.D
 Acq: 14 Oct 2017 3:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 7349
 Ion Ratio Lower Upper
 149 100
 167 24.6 23.2 34.8
 279 0.0 3.1 4.7#

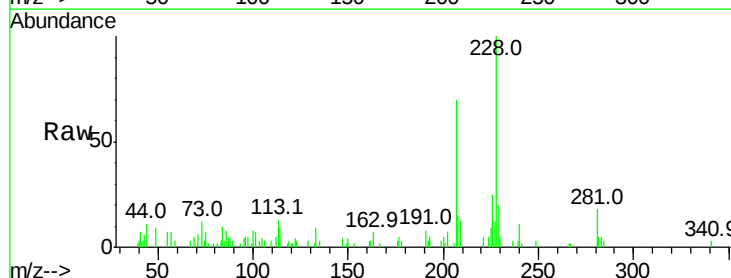


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

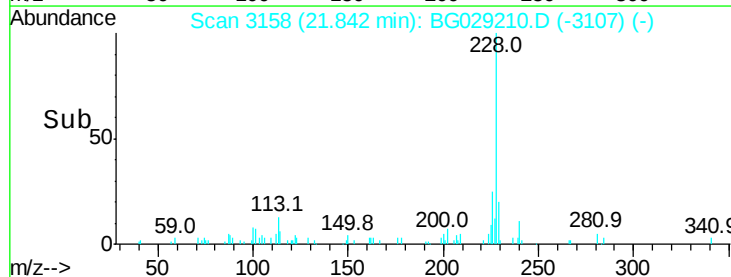
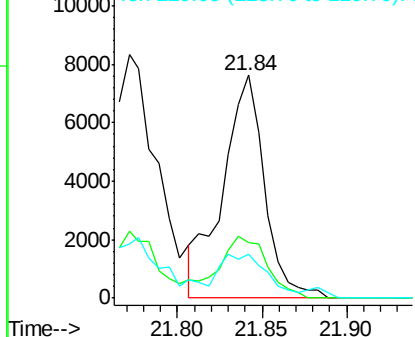


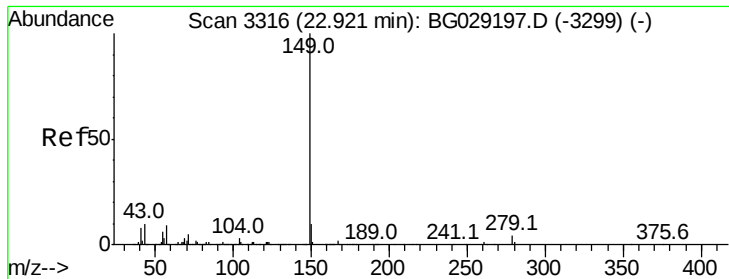
#82
 Chrysene
 Concen: 0.394 ng/ul
 RT: 21.84 min Scan# 3158
 Delta R.T. 0.00 min
 Lab File: BG029210.D
 Acq: 14 Oct 2017 3:29

Tgt Ion:228 Resp: 13145
 Ion Ratio Lower Upper
 228 100
 226 24.8 24.2 36.2
 229 19.7 15.2 22.8



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





#84

Di-n-octyl phthalate

Concen: 0.007 ng/ul

RT: 22.93 min Scan# 3343

Delta R.T. 0.01 min

Lab File: BG029210.D

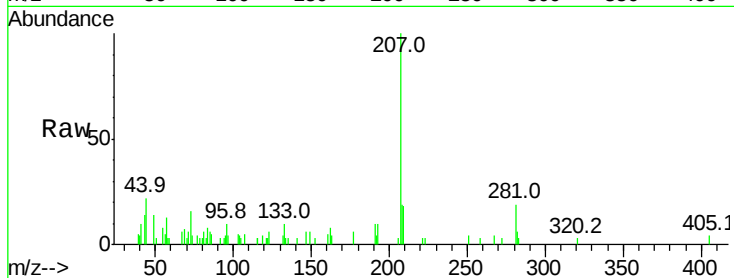
Acq: 14 Oct 2017 3:29

Instrument :

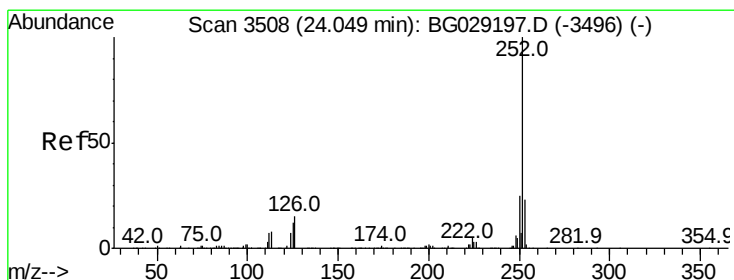
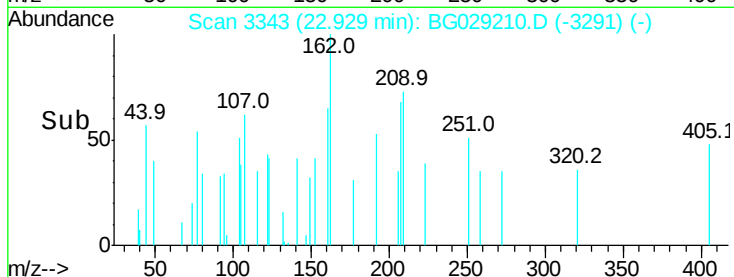
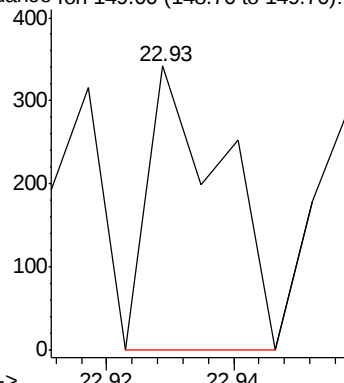
BNA_G

ClientSampleId :

Tgt Ion:149 Resp: 279



Abundance Ion 149.00 (148.70 to 149.70): E



#85

Benzo(b)fluoranthene

Concen: 0.161 ng/ul

RT: 24.11 min Scan# 3544

Delta R.T. 0.06 min

Lab File: BG029210.D

Acq: 14 Oct 2017 3:29

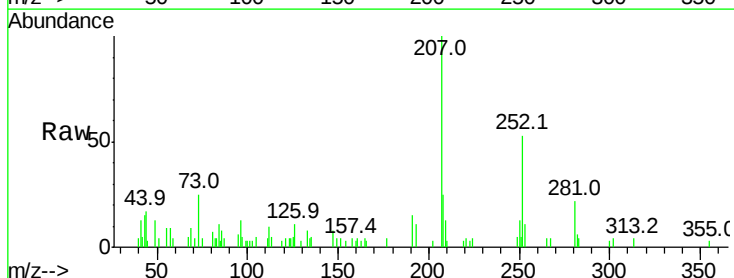
Tgt Ion:252 Resp: 5551

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.4

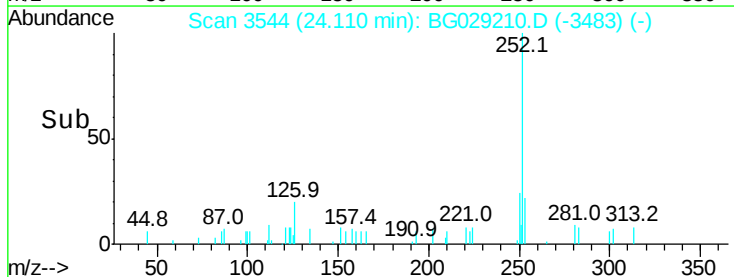
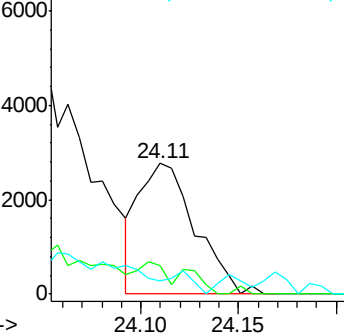
125 10.2 7.5 11.3

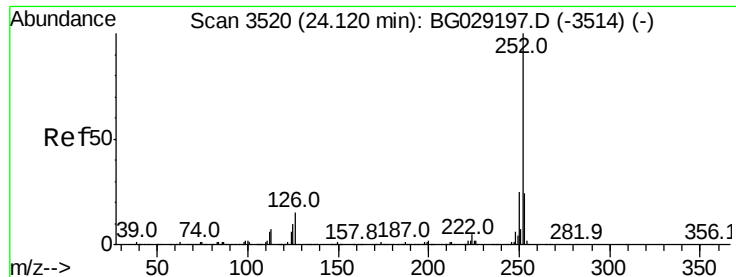


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

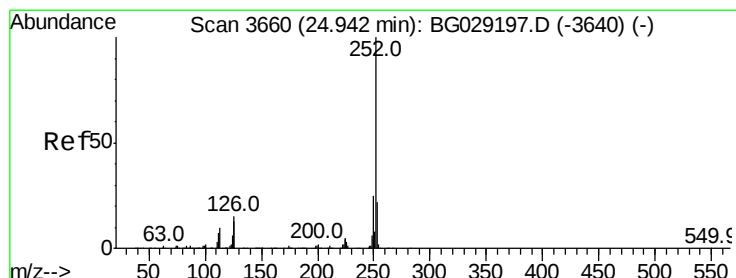
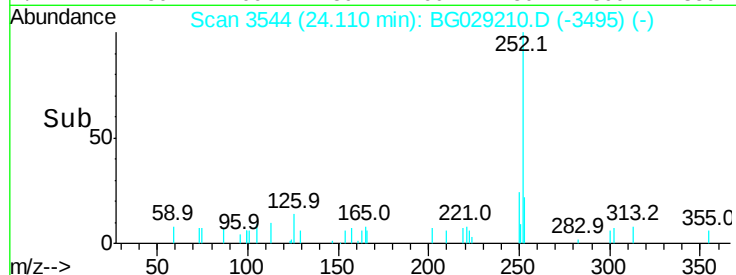
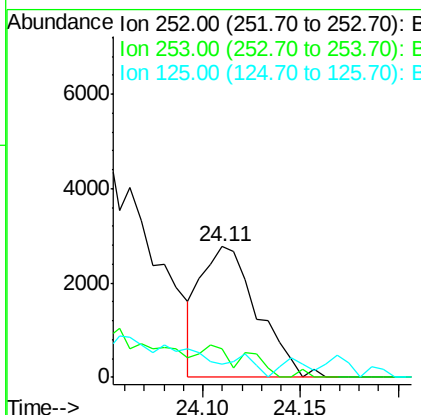
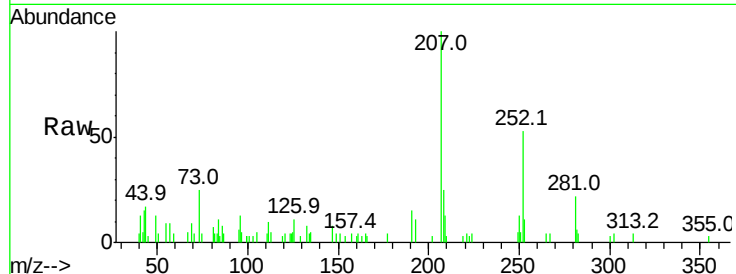




#86
Benzo(k)fluoranthene
Concen: 0.167 ng/ul
RT: 24.11 min Scan# 3544
Delta R.T. -0.01 min
Lab File: BG029210.D
Acq: 14 Oct 2017 3:29

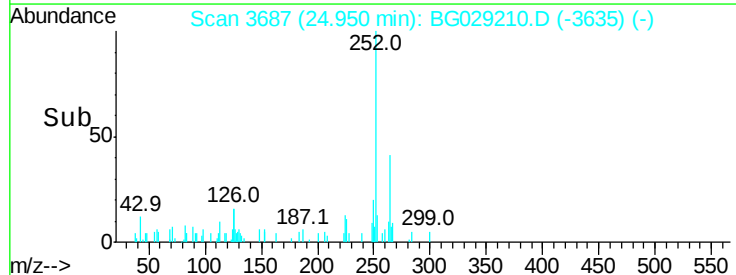
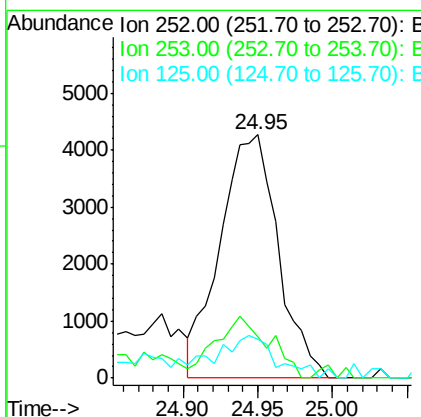
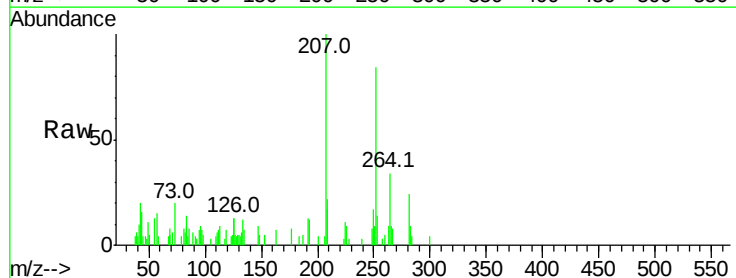
Instrument :
BNA_G
ClientSampleId :

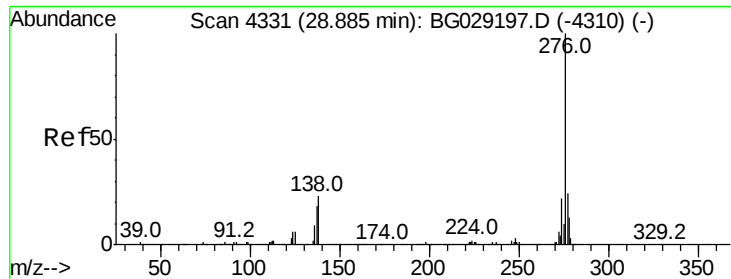
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	10.2	7.8	11.8



#88
Benzo(a)pyrene
Concen: 0.344 ng/ul
RT: 24.95 min Scan# 3687
Delta R.T. 0.01 min
Lab File: BG029210.D
Acq: 14 Oct 2017 3:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	16.9	17.1	25.7#
125	16.1	7.8	11.8#



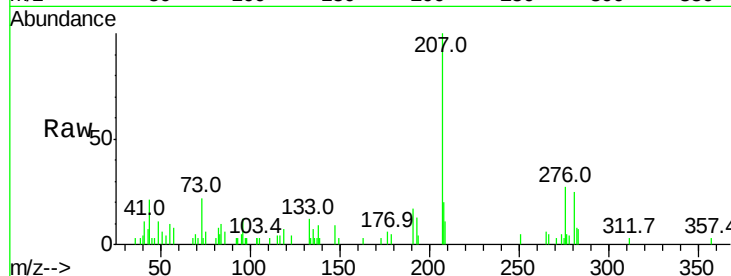


#89

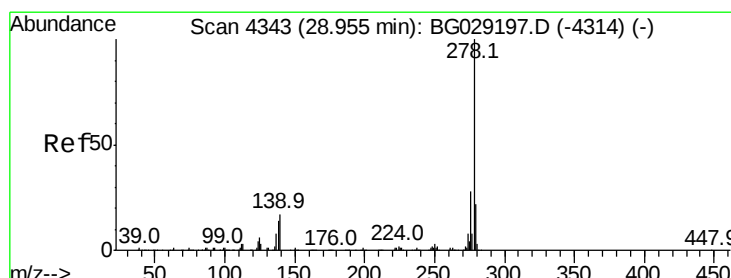
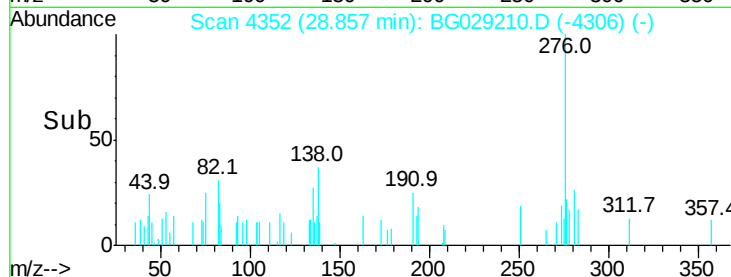
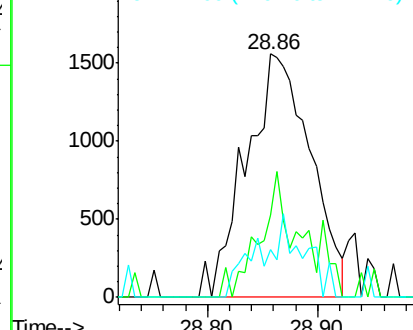
Indeno(1,2,3-cd)pyrene
Concen: 0.166 ng/ul
RT: 28.86 min Scan# 4352
Delta R.T. -0.03 min
Lab File: BG029210.D
Acq: 14 Oct 2017 3:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.8	13.4	20.0#
277	19.4	18.6	28.0



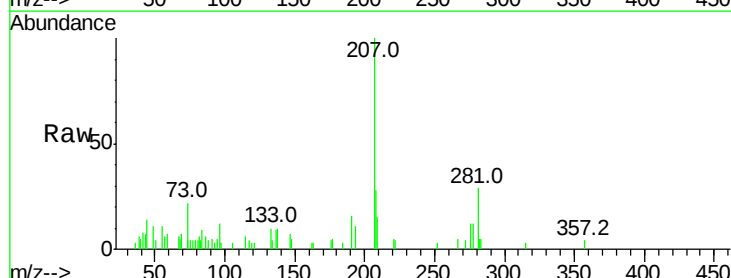
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



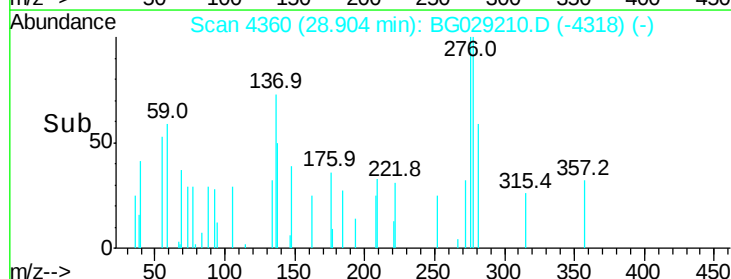
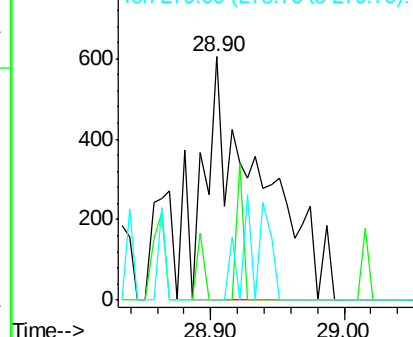
#90

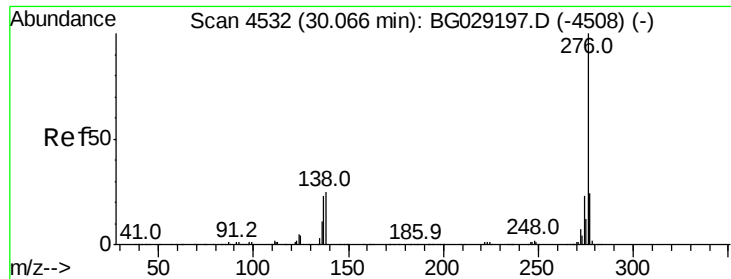
Dibenzo(a,h)anthracene
Concen: 0.053 ng/ul
RT: 28.90 min Scan# 4360
Delta R.T. -0.05 min
Lab File: BG029210.D
Acq: 14 Oct 2017 3:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.4	14.2#
279	0.0	18.4	27.6#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 0.085 ng/ul

RT: 30.03 min Scan# 4551

Delta R.T. -0.04 min

Lab File: BG029210.D

Acq: 14 Oct 2017 3:29

Instrument :

BNA_G

ClientSampleId :

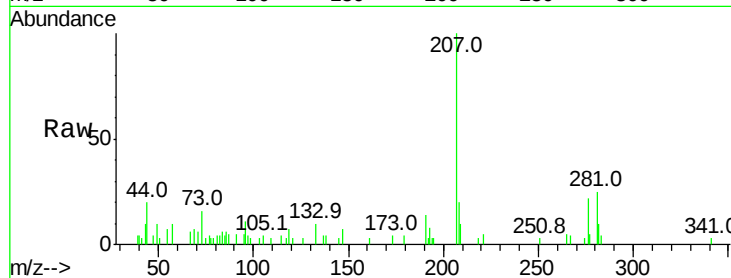
Tot Ion:276 Resp: 2660

Ion Ratio Lower Upper

276 100

138 18.0 12.1 18.1

277 22.0 17.7 26.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

