

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101417\
 Data File : BG029198.D
 Acq On : 13 Oct 2017 19:30
 Operator : SJ/JU
 Sample : PB103038BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 14 05:42:57 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	78743	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	334710	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	203865	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	503121	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	515405	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	502214	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	14892	7.69	ng/uL	0.00
5) Phenol-d5	7.31	99	260518	34.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	176776	37.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	192601	36.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	210986	34.56	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	96221	40.04	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	99239	40.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	192127	34.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	294836	45.23	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	691412	39.67	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	800074	37.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	114917	35.72	ng/ul	0.00
57) Fluorene-d10	15.77	176	565475	39.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	74830	30.47	ng/ul	0.00
70) Anthracene-d10	17.62	188	921805	38.74	ng/ul	0.00
76) Pyrene-d10	19.90	212	1025554	38.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	909839	38.25	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.57	88	659	0.279	ng/uL# 13
4) Benzaldehyde	7.31	77	511	0.109	ng/ul# 4
6) Phenol	7.35	94	57	0.007	ng/ul# 16
8) Bis(2-Chloroethyl)ether	7.57	93	1092	0.183	ng/ul# 45
10) 2-Chlorophenol	7.87	128	54	0.010	ng/ul# 29
11) 2-Methylphenol	8.87	108	100	0.017	ng/ul# 2
12) 2,2'-oxybis(1-Chloropropan	8.86	45	1897	0.217	ng/ul# 75
14) Acetophenone	8.93	105	78	0.008	ng/ul# 3
15) N-Nitroso-di-n-propylamine	8.86	70	4922	0.953	ng/ul# 1
16) 4-Methylphenol	8.87	108	100	0.016	ng/ul# 1
20) Nitrobenzene	9.33	77	834	0.127	ng/ul# 46
21) Isophorone	9.81	82	59	0.004	ng/ul# 67
25) Bis(2-Chloroethoxy)methane	10.50	93	54	0.006	ng/ul# 51
28) Naphthalene	11.01	128	56	0.003	ng/ul# 68
30) 4-Chloroaniline	11.11	127	108	0.017	ng/ul# 1
32) Caprolactam	11.99	113	57	0.025	ng/ul# 59
34) 2-Methylnaphthalene	12.64	142	67	0.005	ng/ul# 3
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	55	0.009	ng/ul# 23
41) 2-Chloronaphthalene	13.65	162	57	0.004	ng/ul# 40
42) 2-Nitroaniline	13.80	65	59	0.015	ng/ul# 10
44) Dimethylphthalate	14.18	163	707	0.042	ng/ul# 1
45) 2,6-Dinitrotoluene	14.20	165	1291	0.434	ng/ul# 38
47) Acenaphthylene	14.48	152	128	0.006	ng/ul# 1

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

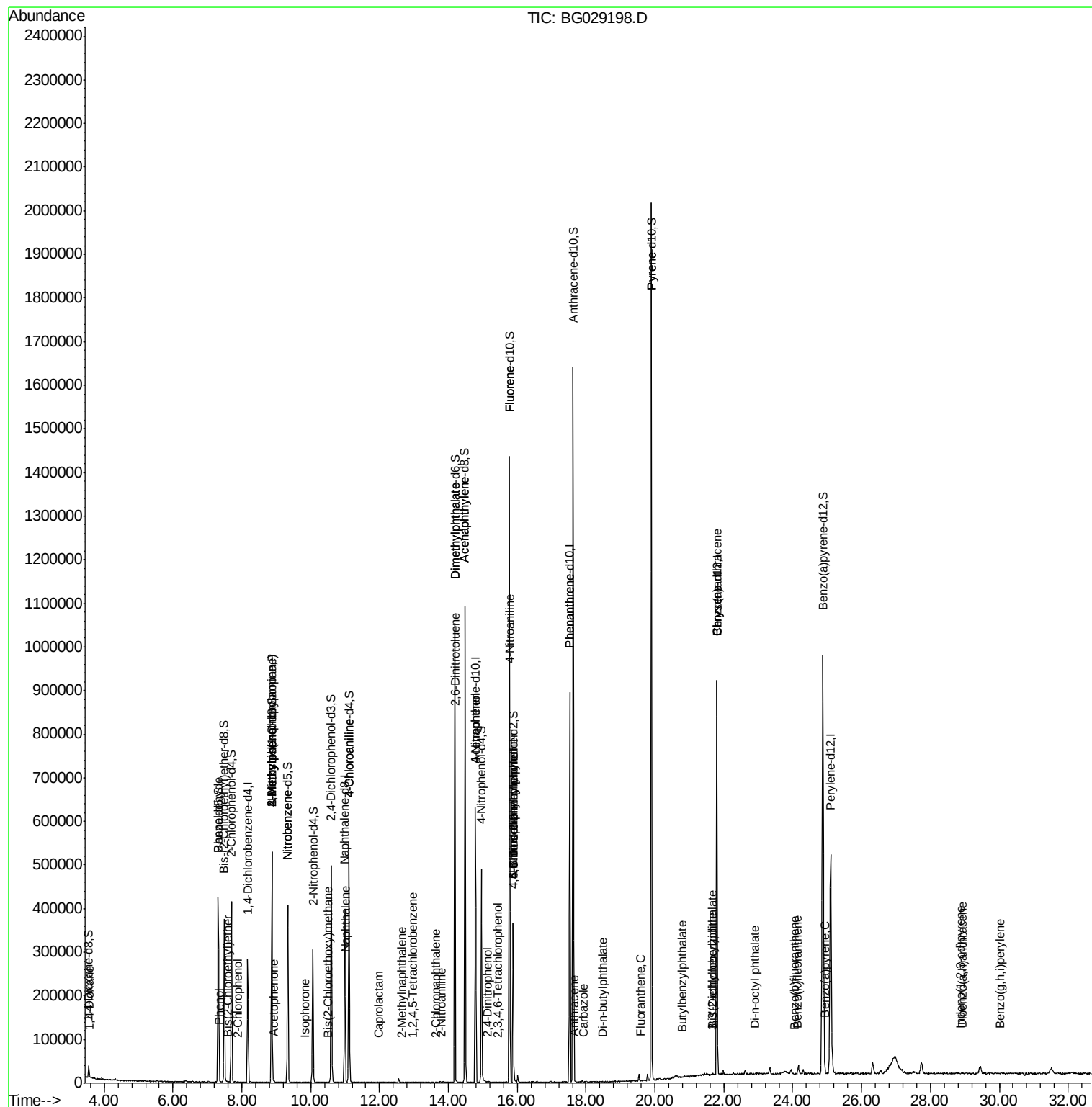
50) 2,4-Dinitrophenol	15.14	184	54	0.034	ng/ul#	14
52) 4-Nitrophenol	14.79	109	174	0.072	ng/ul#	1
55) 2,3,4,6-Tetrachlorophenol	15.43	232	53	0.014	ng/ul#	38
58) Fluorene	15.77	166	1615	0.100	ng/ul#	8
59) 4-Chlorophenyl-phenylether	15.87	204	81	0.011	ng/ul#	26
60) 4-Nitroaniline	15.79	138	56	0.014	ng/ul#	1
63) 4,6-Dinitro-2-methylphenol	15.89	198	389	0.150	ng/ul#	1
64) N-Nitrosodiphenylamine	15.88	169	669	0.045	ng/ul#	41
69) Phenanthrene	17.52	178	214	0.008	ng/ul#	4
71) Anthracene	17.67	178	57	0.002	ng/ul#	59
72) Carbazole	17.91	167	57	0.002	ng/ul#	58
73) Di-n-butylphthalate	18.48	149	512	0.017	ng/ul#	77
74) Fluoranthene	19.59	202	53	0.002	ng/ul#	77
77) Pyrene	19.90	202	1651	0.048	ng/ul#	1
78) Butylbenzylphthalate	20.79	149	136	0.010	ng/ul#	21
79) 3,3'-Dichlorobenzidine	21.69	252	142	0.015	ng/ul#	26
80) Benzo(a)anthracene	21.79	228	1622	0.050	ng/ul#	45
81) Bis(2-ethylhexyl)phthalate	21.68	149	627	0.031	ng/ul#	94
82) Chrysene	21.79	228	1622	0.055	ng/ul#	42
84) Di-n-octyl phthalate	22.91	149	284	0.008	ng/ul	100
85) Benzo(b)fluoranthene	24.06	252	165	0.005	ng/ul#	61
86) Benzo(k)fluoranthene	24.13	252	73	0.003	ng/ul#	60
88) Benzo(a)pyrene	24.93	252	178	0.006	ng/ul#	61
89) Indeno(1,2,3-cd)pyrene	28.86	276	70	0.002	ng/ul#	56
90) Dibenzo(a,h)anthracene	28.93	278	63	0.002	ng/ul#	58
91) Benzo(g,h,i)perylene	30.03	276	117	0.004	ng/ul#	58

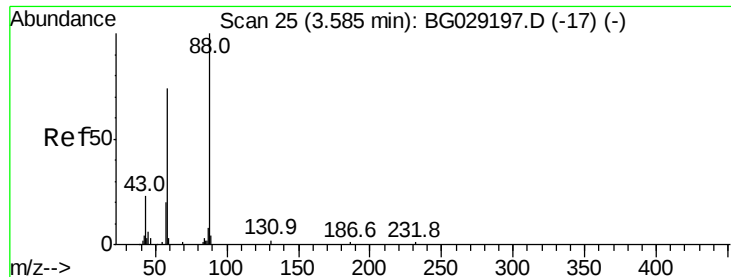
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.279 ng/uL

RT: 3.57 min Scan# 23

Delta R.T. -0.01 min

Lab File: BG029198.D

Acq: 13 Oct 2017 19:30

Instrument :

BNA_G

ClientSampleId :

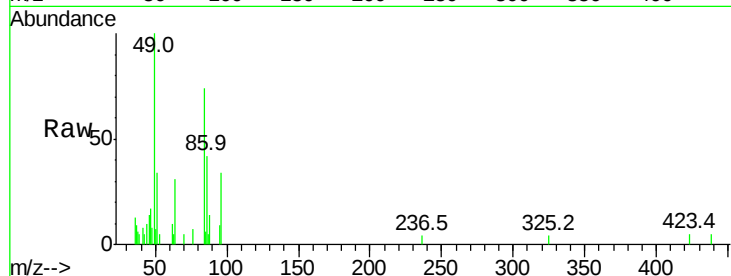
Tot Ion: 88 Resp: 659

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-->

3.56 3.58 3.60

3.57

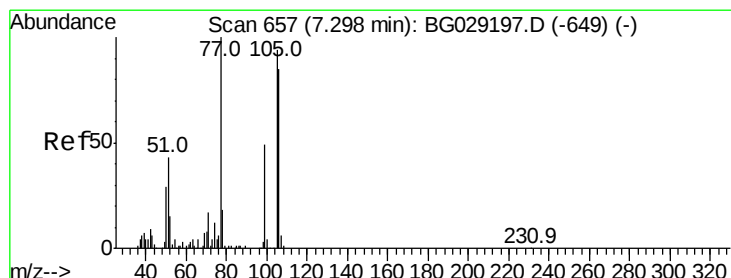
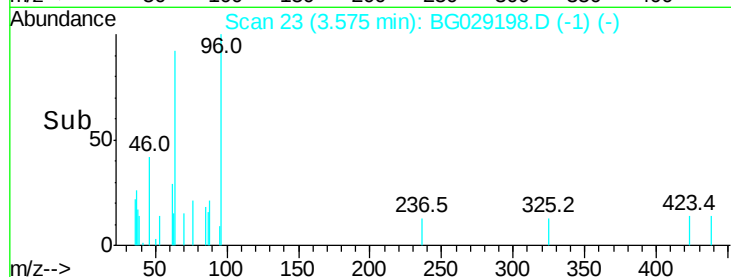
400

300

200

100

0



#4

Benzaldehyde

Concen: 0.109 ng/uL

RT: 7.31 min Scan# 659

Delta R.T. 0.01 min

Lab File: BG029198.D

Acq: 13 Oct 2017 19:30

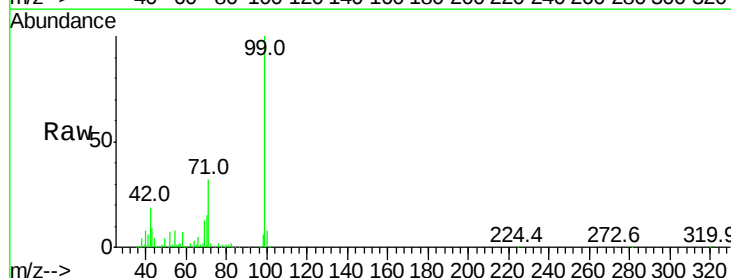
Tgt Ion: 77 Resp: 511

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-->

7.28 7.30 7.32 7.34

7.31

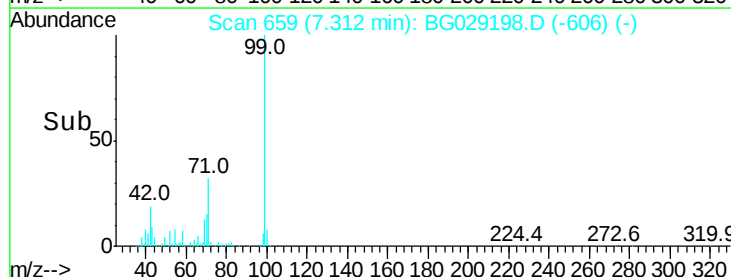
400

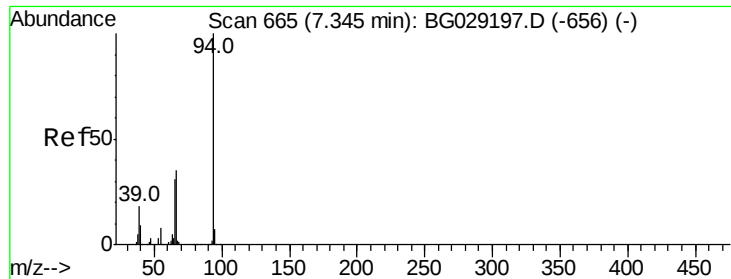
300

200

100

0





#6

Phenol

Concen: 0.007 ng/ul

RT: 7.35 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG029198.D

Acq: 13 Oct 2017 19:30

Instrument :

BNA_G

ClientSampleId :

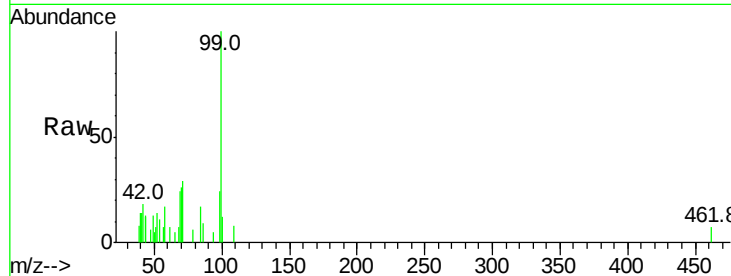
Tot Ion: 94 Resp: 57

Ion Ratio Lower Upper

94 100

65 93.8 27.1 40.7#

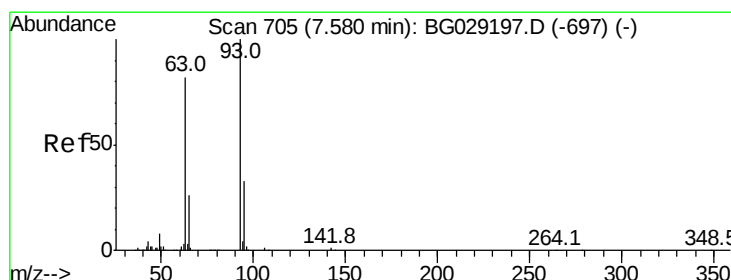
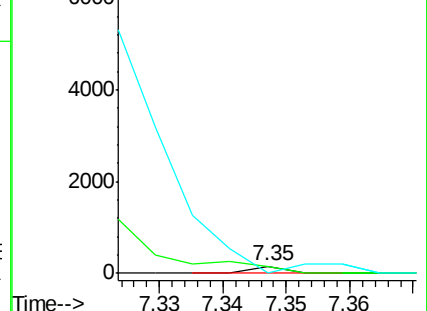
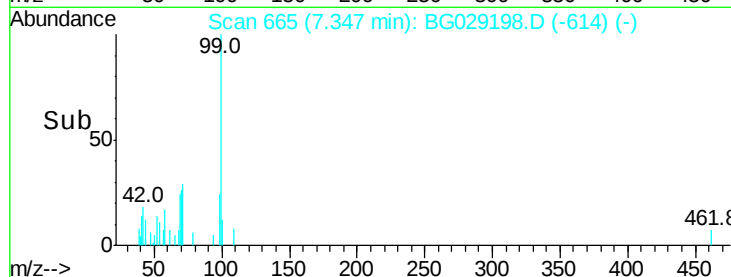
66 0.0 34.6 52.0#



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: 0.183 ng/ul

RT: 7.57 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG029198.D

Acq: 13 Oct 2017 19:30

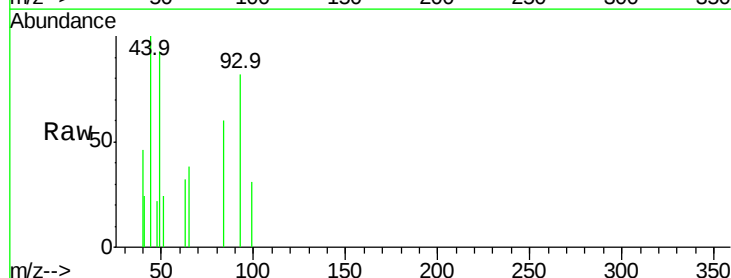
Tgt Ion: 93 Resp: 1092

Ion Ratio Lower Upper

93 100

63 38.6 71.8 107.8#

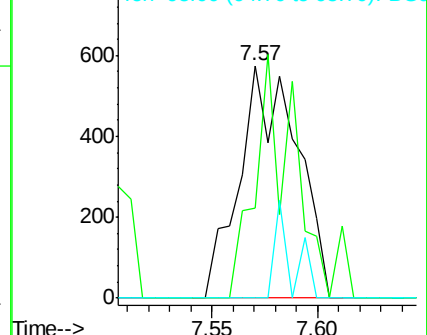
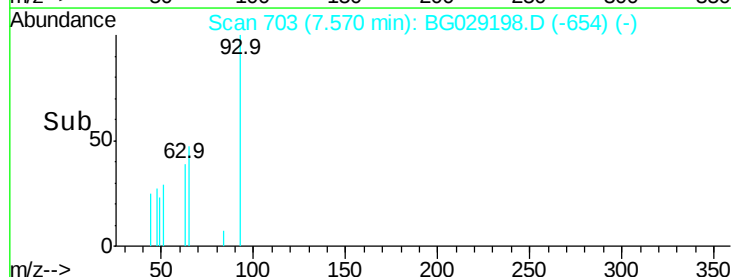
95 0.0 25.2 37.8#

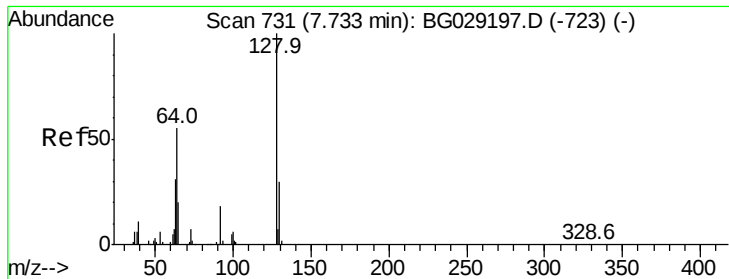


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

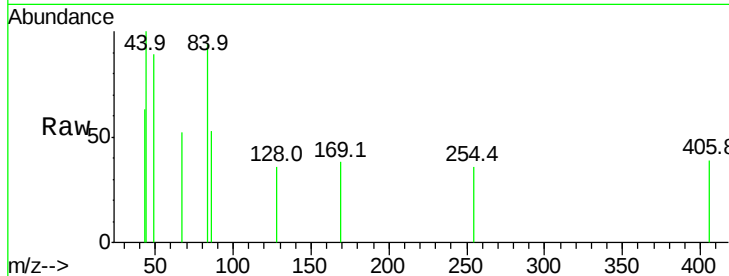




#10
2-Chlorophenol
Concen: 0.010 ng/ul
RT: 7.87 min Scan# 754
Delta R.T. 0.14 min
Lab File: BG029198.D
Acq: 13 Oct 2017 19:30

Instrument :
BNA_G
ClientSampleId :

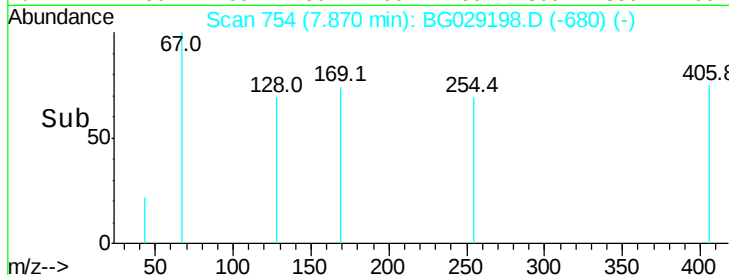
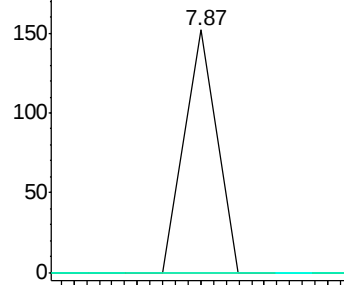
Tot Ion	Ratio	Lower	Upper
128	100		
64	0.0	46.6	69.8#
130	0.0	25.8	38.8#



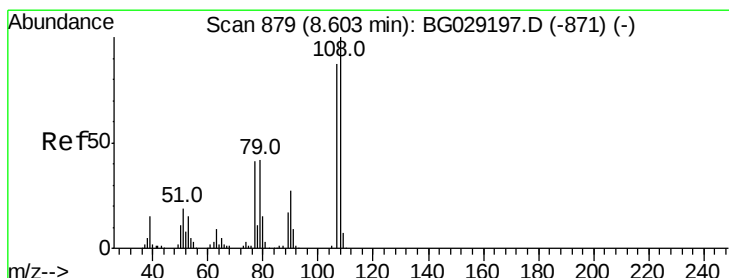
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 130.00 (129.70 to 130.70): E

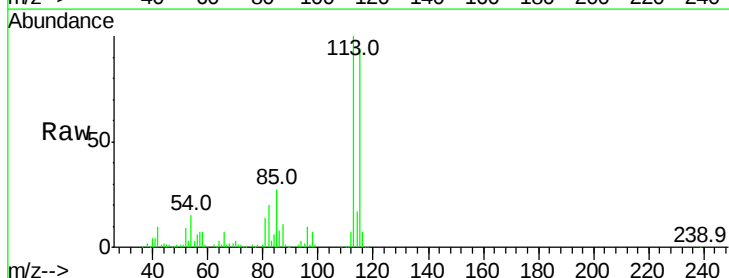


Time-->



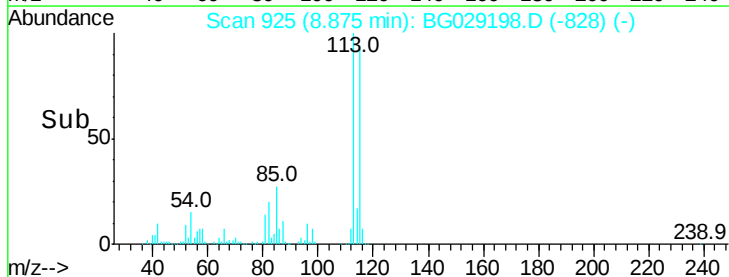
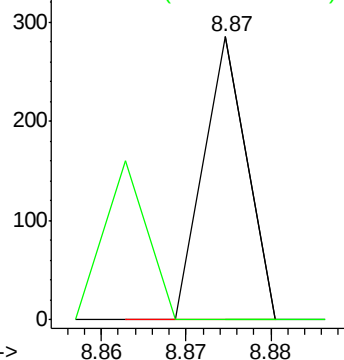
#11
2-Methylphenol
Concen: 0.017 ng/ul
RT: 8.87 min Scan# 925
Delta R.T. 0.27 min
Lab File: BG029198.D
Acq: 13 Oct 2017 19:30

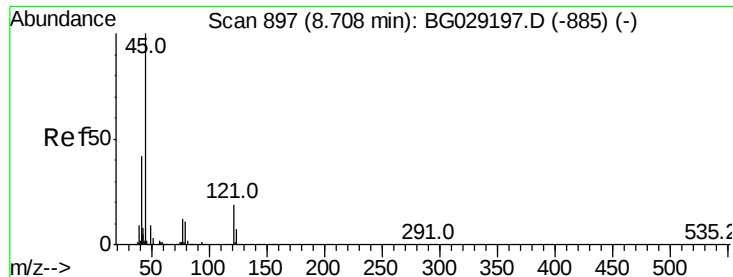
Tgt Ion	Ratio	Lower	Upper
108	100		
107	0.0	76.7	115.1#



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#12

2,2'-oxybis(1-Chloropropane)

Concen: 0.217 ng/ul

RT: 8.86 min Scan# 923

Delta R.T. 0.15 min

Lab File: BG029198.D

Acq: 13 Oct 2017 19:30

Instrument :

BNA_G

ClientSampled :

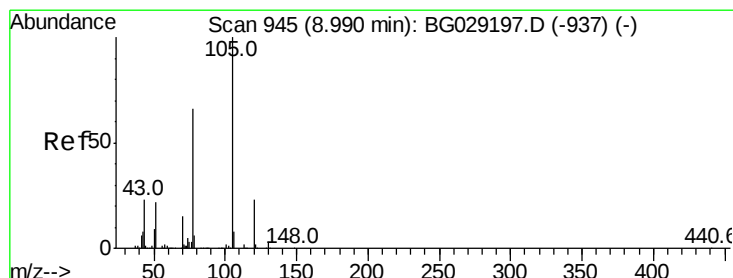
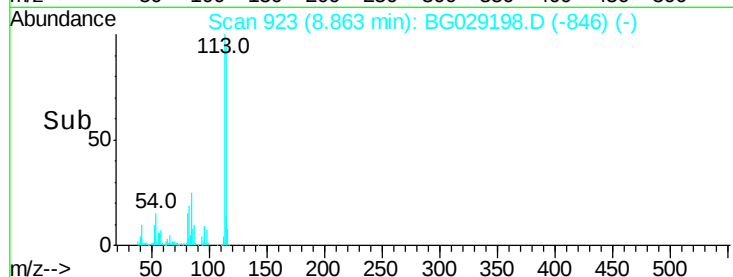
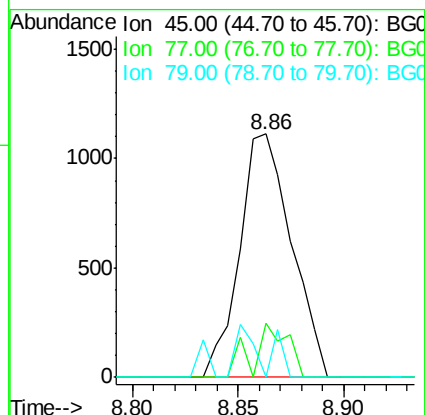
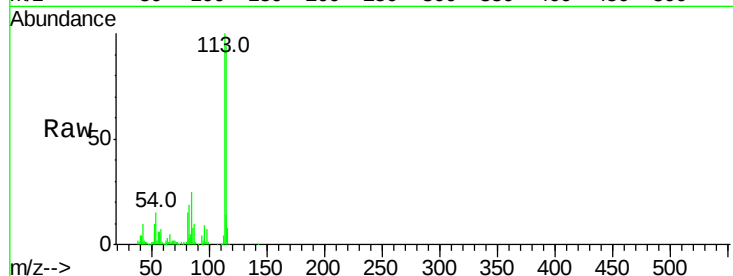
Tot Ion: 45 Resp: 1897

Ion Ratio Lower Upper

45 100

77 22.1 9.5 14.3#

79 0.0 6.8 10.2#



#14

Acetophenone

Concen: 0.008 ng/ul

RT: 8.93 min Scan# 935

Delta R.T. -0.06 min

Lab File: BG029198.D

Acq: 13 Oct 2017 19:30

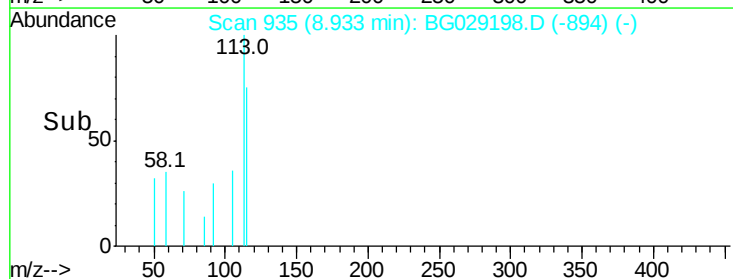
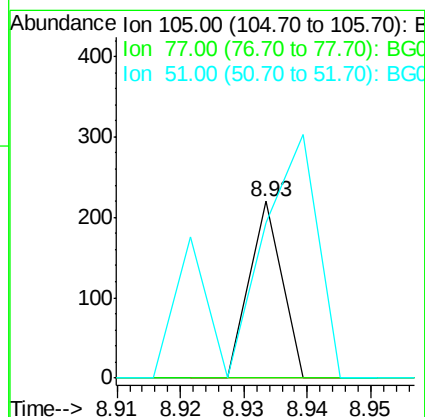
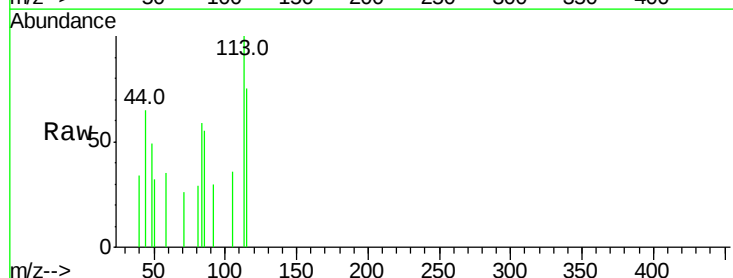
Tgt Ion: 105 Resp: 78

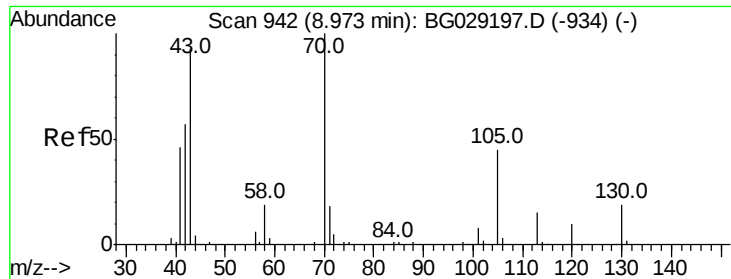
Ion Ratio Lower Upper

105 100

77 0.0 70.2 105.2#

51 88.2 24.6 36.8#

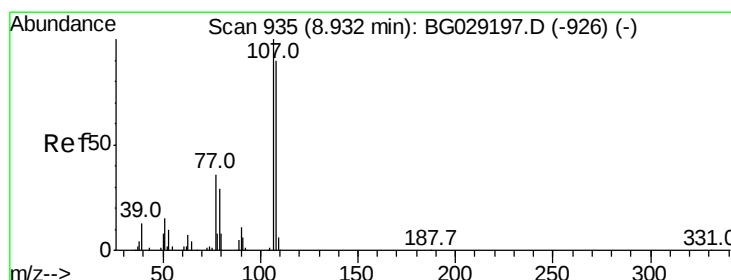
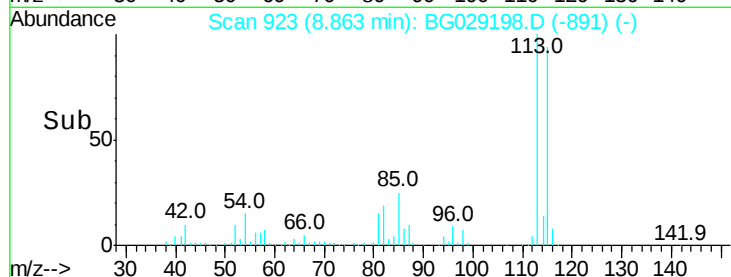
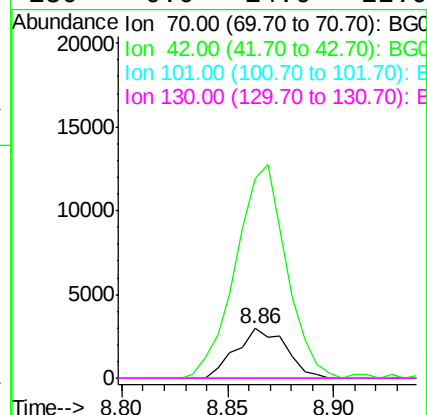
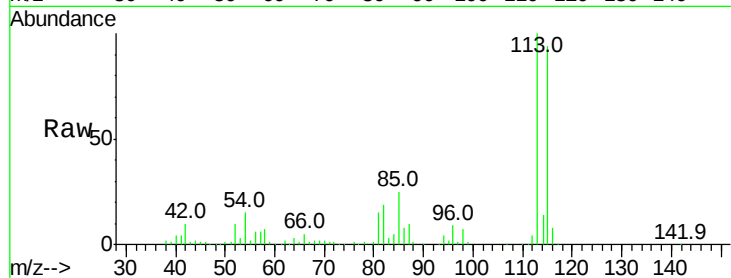




#15
N-Nitroso-di-n-propylamine
Concen: 0.953 ng/ul
RT: 8.86 min Scan# 923
Delta R.T. -0.11 min
Lab File: BG029198.D
Acq: 13 Oct 2017 19:30

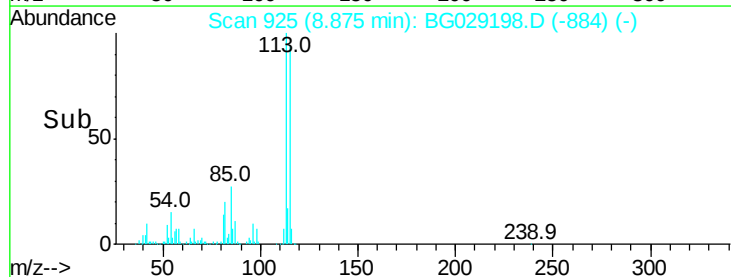
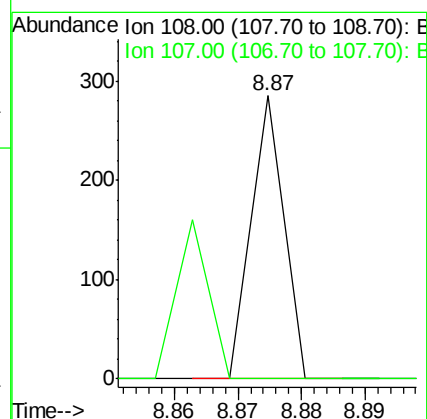
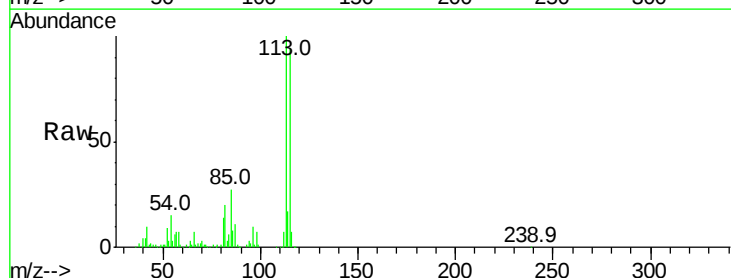
Instrument :
BNA_G
ClientSampleId :

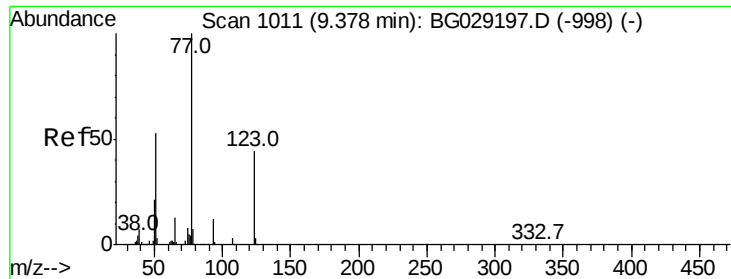
Tot Ion: 70 Resp: 4922
Ion Ratio Lower Upper
70 100
42 402.7 51.7 77.5#
101 0.0 7.6 11.4#
130 0.0 14.6 22.0#



#16
4-Methylphenol
Concen: 0.016 ng/ul
RT: 8.87 min Scan# 925
Delta R.T. -0.06 min
Lab File: BG029198.D
Acq: 13 Oct 2017 19:30

Tgt Ion: 108 Resp: 100
Ion Ratio Lower Upper
108 100
107 0.0 86.5 129.7#

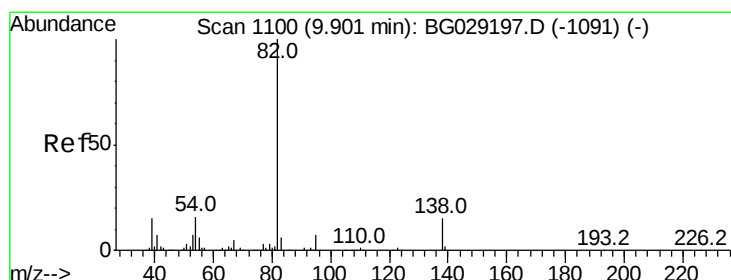
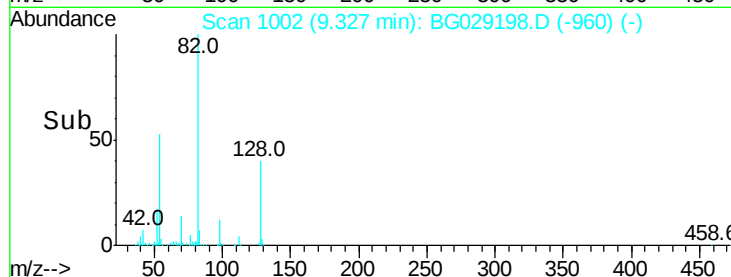
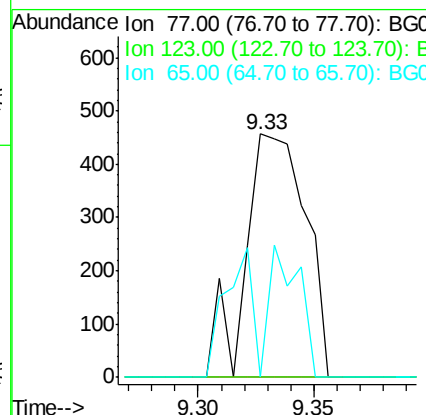
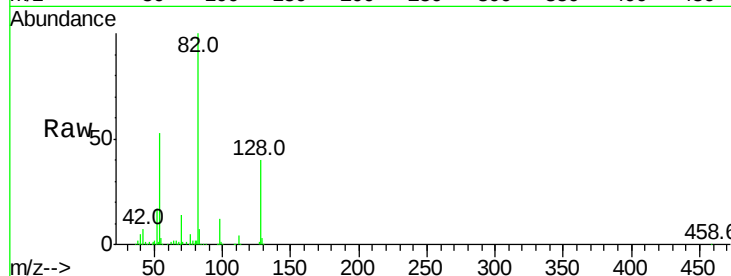




#20
Nitrobenzene
Concen: 0.127 ng/ul
RT: 9.33 min Scan# 1002
Delta R.T. -0.05 min
Lab File: BG029198.D
Acq: 13 Oct 2017 19:30

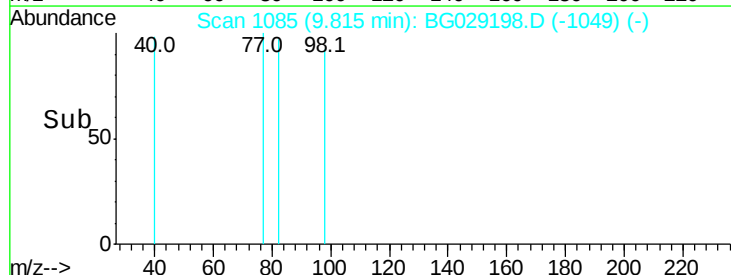
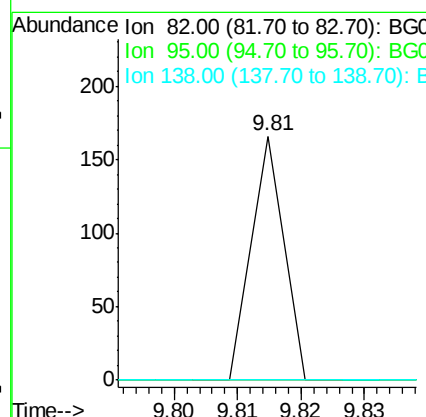
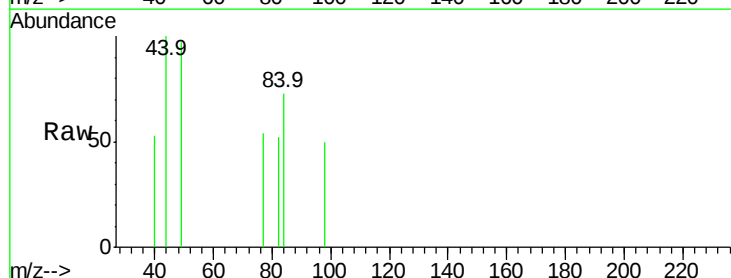
Instrument :
BNA_G
ClientSampled :

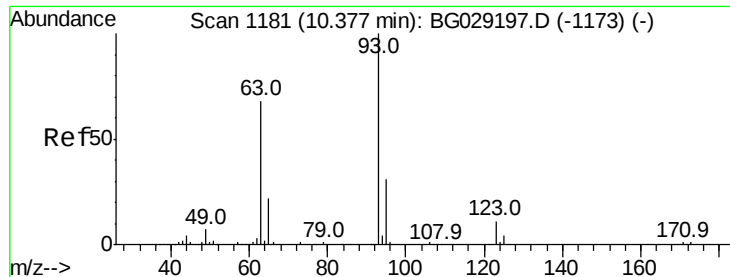
Tot Ion: 77 Resp: 834
Ion Ratio Lower Upper
77 100
123 0.0 28.6 43.0#
65 0.0 11.2 16.8#



#21
Isophorone
Concen: 0.004 ng/ul
RT: 9.81 min Scan# 1085
Delta R.T. -0.09 min
Lab File: BG029198.D
Acq: 13 Oct 2017 19:30

Tgt Ion: 82 Resp: 59
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 13.3 19.9#





#25

Bis(2-Chloroethoxy)methane

Concen: 0.006 ng/ul

RT: 10.50 min Scan# 1202

Delta R.T. 0.13 min

Lab File: BG029198.D

Acq: 13 Oct 2017 19:30

Instrument :

BNA_G

ClientSampleId :

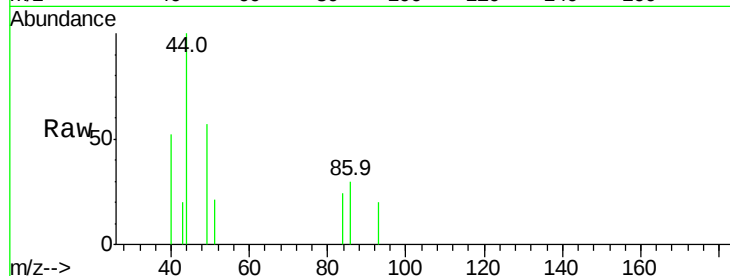
Tot Ion: 93 Resp: 54

Ion Ratio Lower Upper

93 100

95 0.0 24.7 37.1#

123 0.0 7.5 11.3#



Abundance Ion 93.00 (92.70 to 93.70): BG029198.D (-1130) (-)

Ion 95.00 (94.70 to 95.70): BG029198.D (-1130) (-)

Ion 123.00 (122.70 to 123.70): BG029198.D (-1130) (-)

10.50

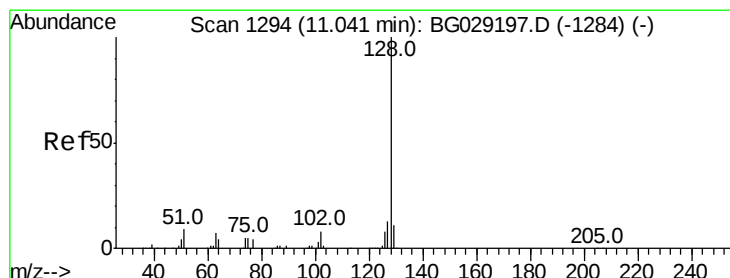
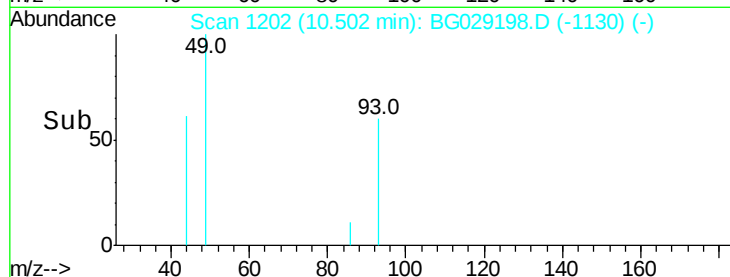
150

100

50

0

Time--> 10.48 10.50 10.52



#28

Naphthalene

Concen: 0.003 ng/ul

RT: 11.01 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG029198.D

Acq: 13 Oct 2017 19:30

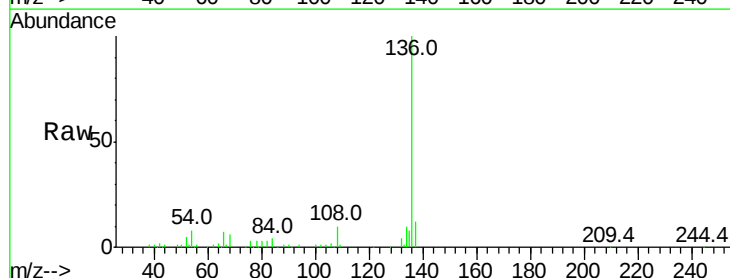
Tgt Ion: 128 Resp: 56

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): BG029198.D (-1243) (-)

Ion 129.00 (128.70 to 129.70): BG029198.D (-1243) (-)

Ion 127.00 (126.70 to 127.70): BG029198.D (-1243) (-)

11.01

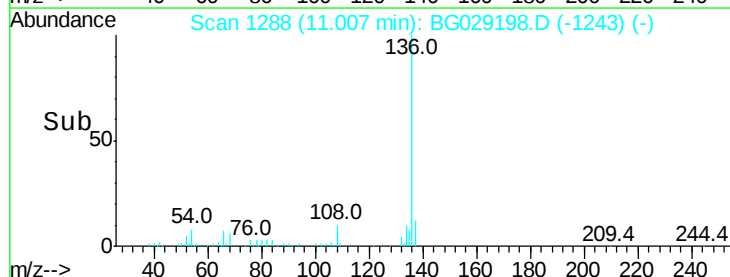
150

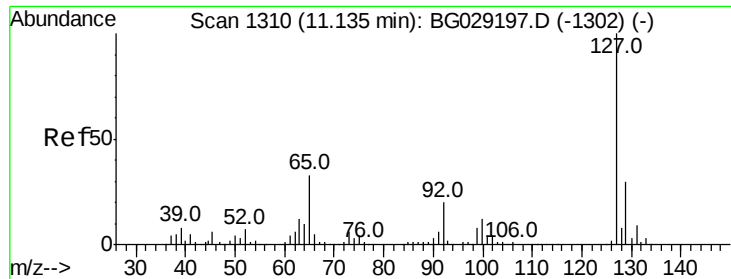
100

50

0

Time--> 11.00 11.01 11.02

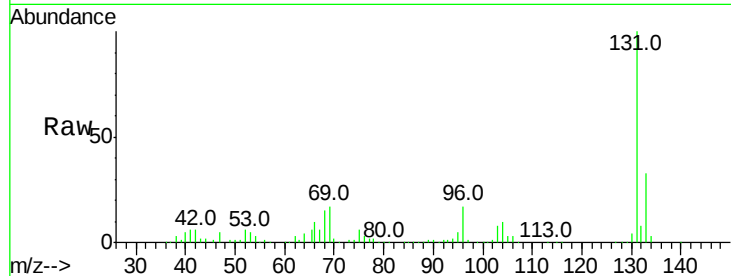




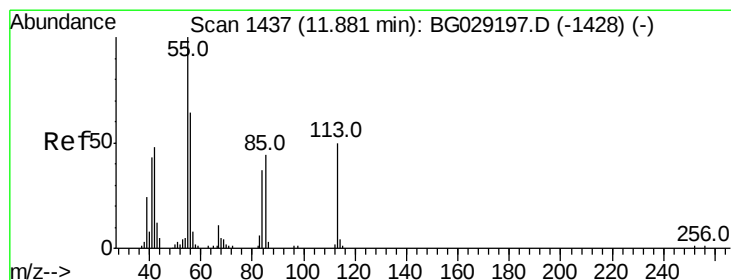
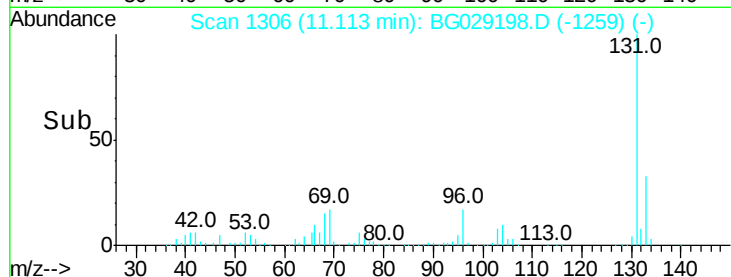
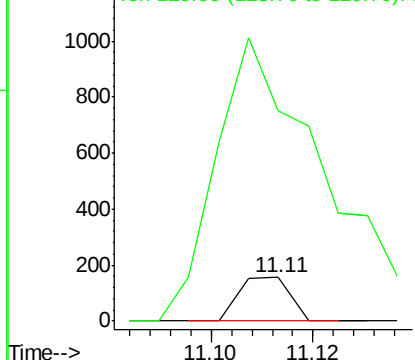
#30
4-Chloroaniline
Concen: 0.017 ng/ul
RT: 11.11 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BG029198.D
Acq: 13 Oct 2017 19:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 108
Ion Ratio Lower Upper
127 100
129 481.4 23.9 35.9#

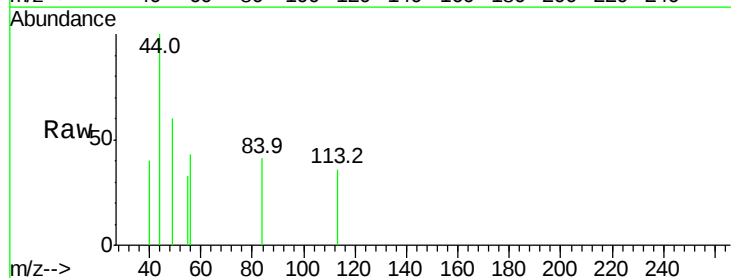


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

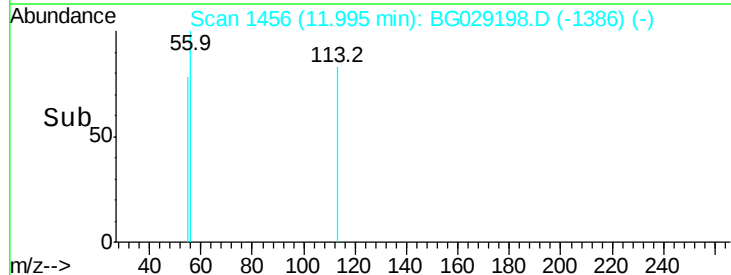
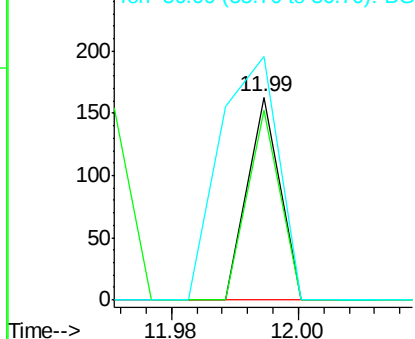


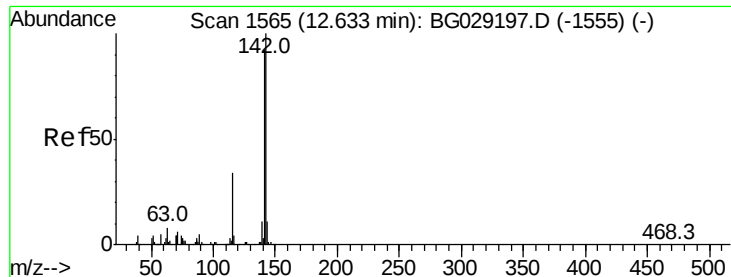
#32
Caprolactam
Concen: 0.025 ng/ul
RT: 11.99 min Scan# 1456
Delta R.T. 0.11 min
Lab File: BG029198.D
Acq: 13 Oct 2017 19:30

Tgt Ion:113 Resp: 57
Ion Ratio Lower Upper
113 100
55 93.9 146.5 219.7#
56 120.2 107.6 161.4



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC





#34

2-Methylnaphthalene

Concen: 0.005 ng/ul

RT: 12.64 min Scan# 1566

Delta R.T. 0.01 min

Lab File: BG029198.D

Acq: 13 Oct 2017 19:30

Instrument :

BNA_G

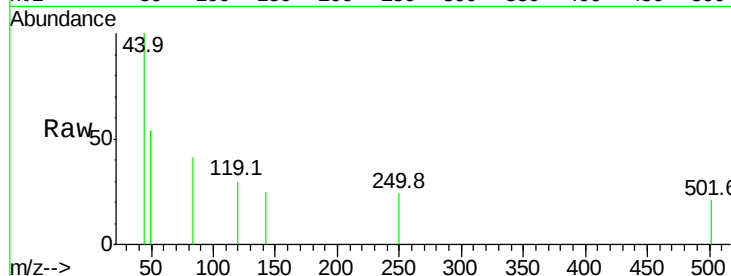
ClientSampled :

Tot Ion:142 Resp: 67

Ion Ratio Lower Upper

142 100

141 0.0 75.4 113.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.64

200

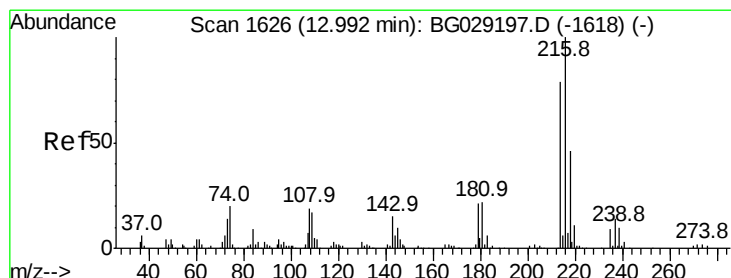
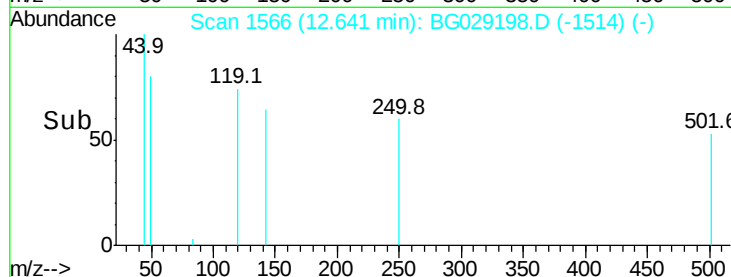
150

100

50

0

Time--> 12.62 12.64 12.66



#36

1,2,4,5-Tetrachlorobenzene

Concen: 0.009 ng/ul

RT: 12.97 min Scan# 1622

Delta R.T. -0.02 min

Lab File: BG029198.D

Acq: 13 Oct 2017 19:30

Tgt Ion:216 Resp: 55

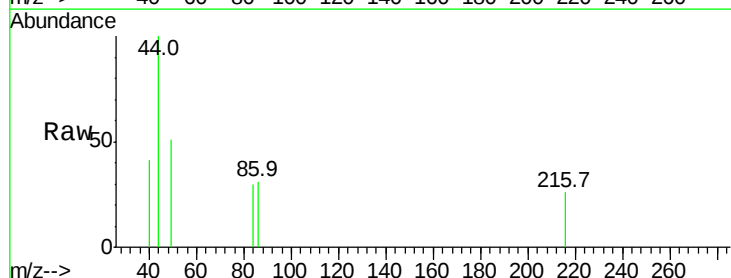
Ion Ratio Lower Upper

216 100

214 0.0 66.7 100.1#

179 0.0 19.4 29.2#

108 0.0 12.5 18.7#



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

200

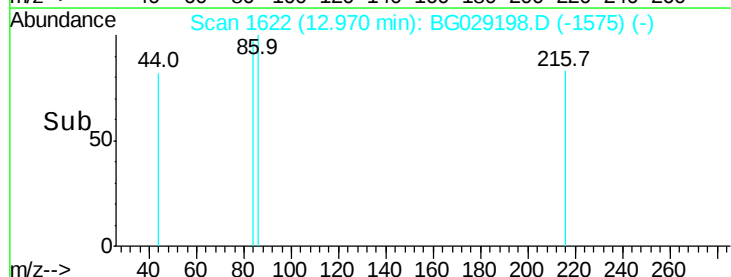
150

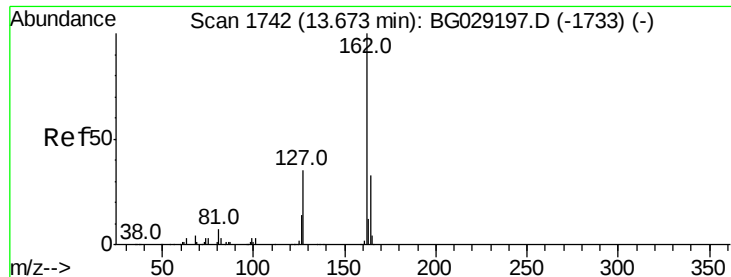
100

50

0

Time--> 12.96 12.98

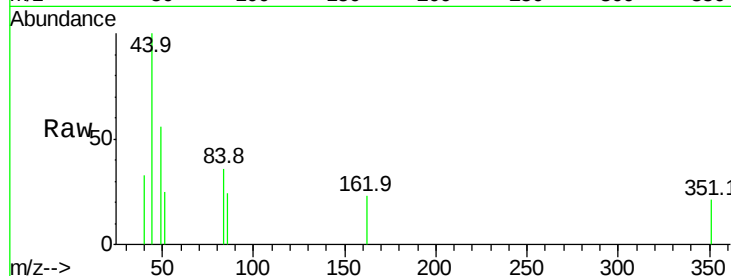




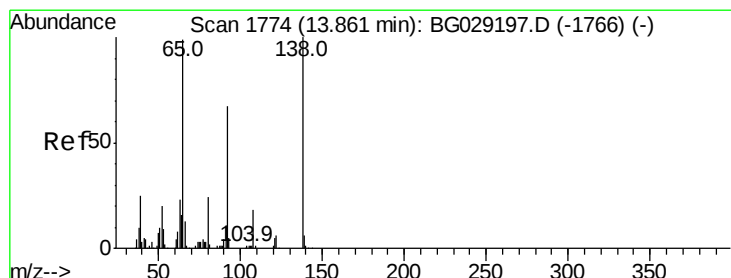
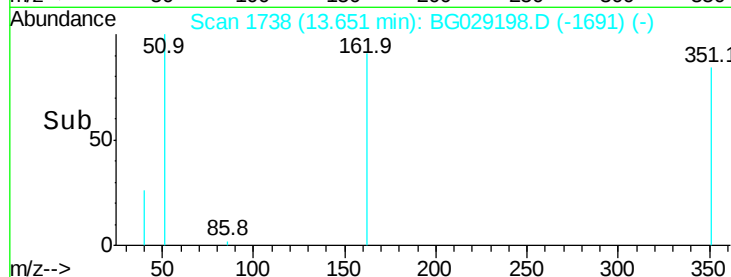
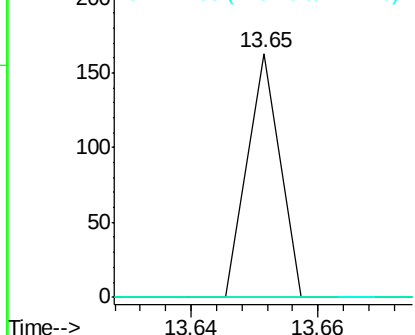
#41
2-Chloronaphthalene
Concen: 0.004 ng/ul
RT: 13.65 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG029198.D
Acq: 13 Oct 2017 19:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	0.0	25.0	37.6#
127	0.0	30.6	46.0#

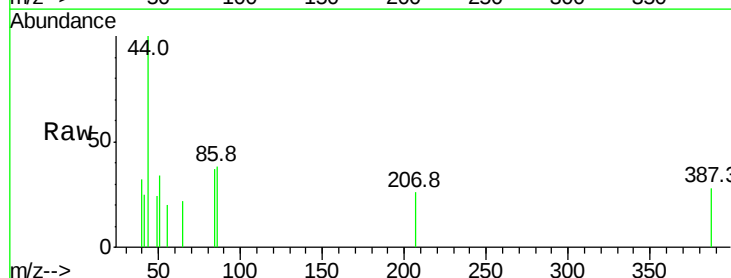


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

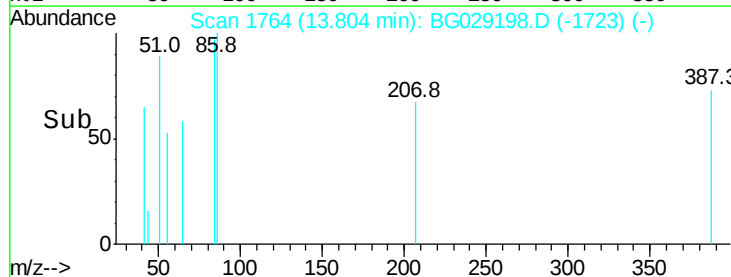
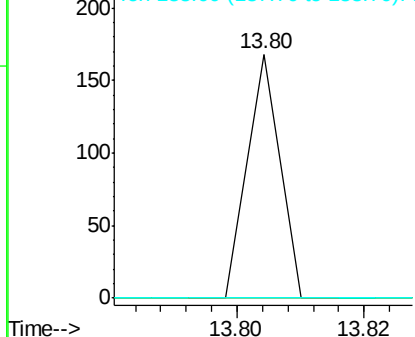


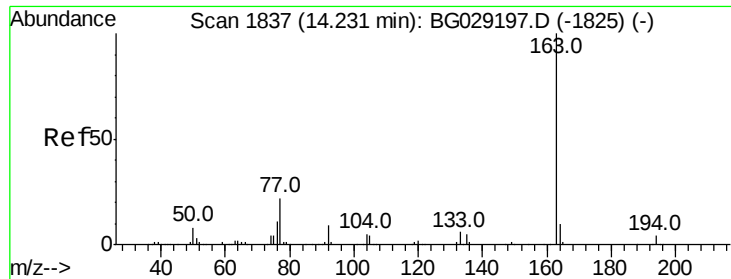
#42
2-Nitroaniline
Concen: 0.015 ng/ul
RT: 13.80 min Scan# 1764
Delta R.T. -0.06 min
Lab File: BG029198.D
Acq: 13 Oct 2017 19:30

Tgt 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): E





#44

Dimethylphthalate

Concen: 0.042 ng/ul

RT: 14.18 min Scan# 1828

Delta R.T. -0.05 min

Lab File: BG029198.D

Acq: 13 Oct 2017 19:30

Instrument :

BNA_G

ClientSampleId :

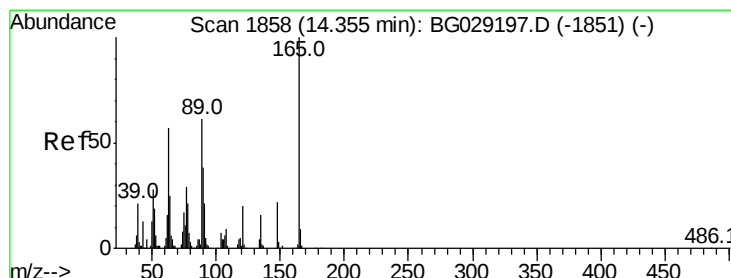
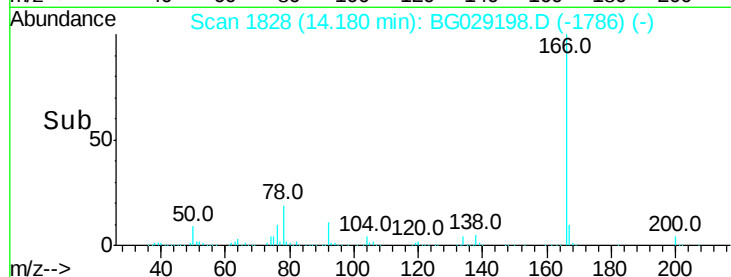
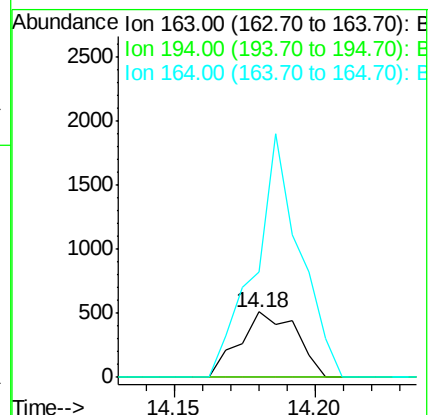
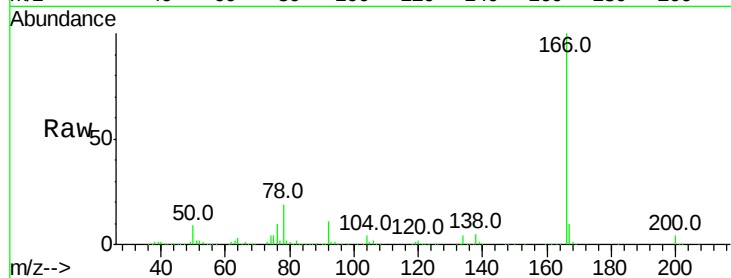
Tot Ion:163 Resp: 707

Ion Ratio Lower Upper

163 100

194 0.0 3.5 5.3#

164 161.9 7.6 11.4#



#45

2,6-Dinitrotoluene

Concen: 0.434 ng/ul

RT: 14.20 min Scan# 1831

Delta R.T. -0.16 min

Lab File: BG029198.D

Acq: 13 Oct 2017 19:30

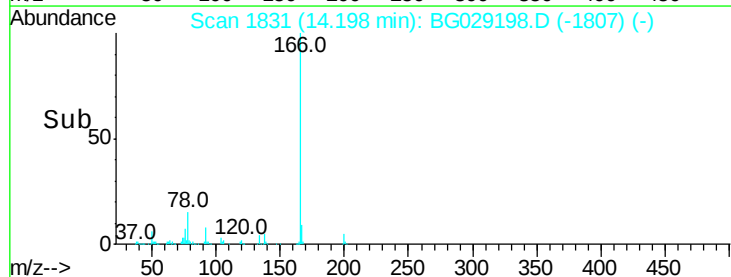
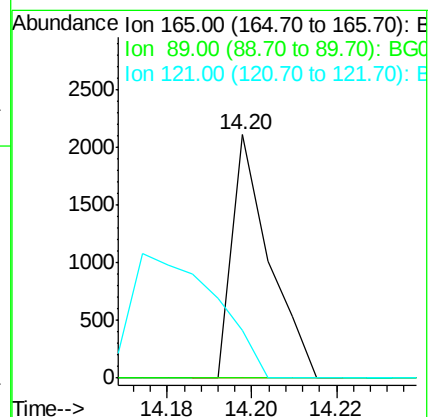
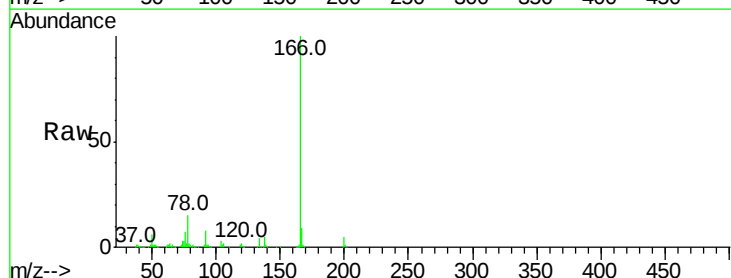
Tgt Ion:165 Resp: 1291

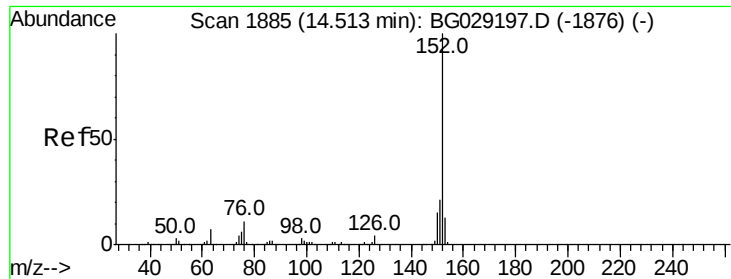
Ion Ratio Lower Upper

165 100

89 0.0 51.1 76.7#

121 19.7 17.2 25.8





#47

Acenaphthylene

Concen: 0.006 ng/ul

RT: 14.48 min Scan# 1879

Delta R.T. -0.03 min

Lab File: BG029198.D

Acq: 13 Oct 2017 19:30

Instrument :

BNA_G

ClientSampleId :

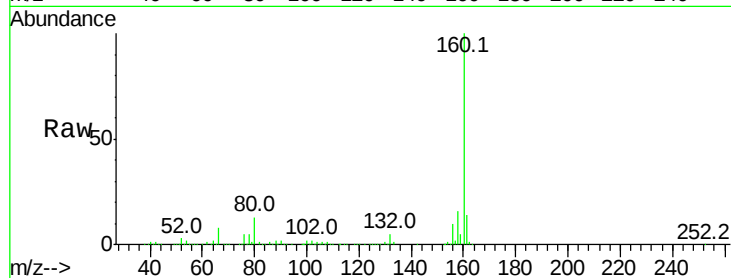
Tot Ion:152 Resp: 128

Ion Ratio Lower Upper

152 100

151 0.0 15.2 22.8#

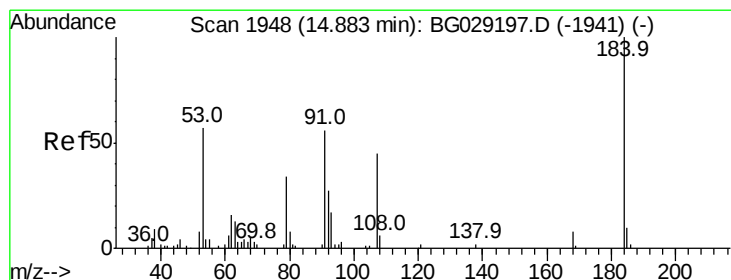
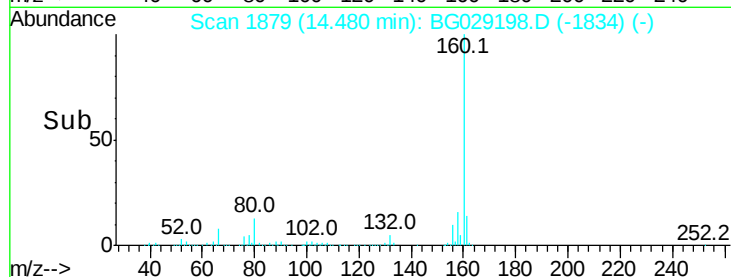
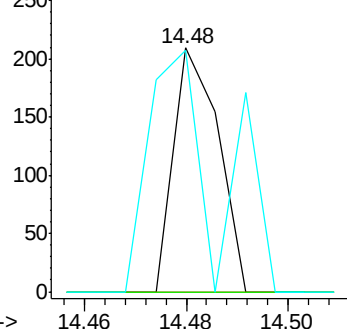
153 99.0 10.2 15.4#



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



#50

2,4-Dinitrophenol

Concen: 0.034 ng/ul

RT: 15.14 min Scan# 1991

Delta R.T. 0.25 min

Lab File: BG029198.D

Acq: 13 Oct 2017 19:30

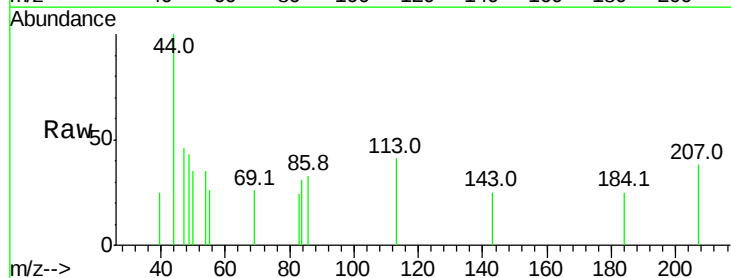
Tgt Ion:184 Resp: 54

Ion Ratio Lower Upper

184 100

63 0.0 58.6 87.8#

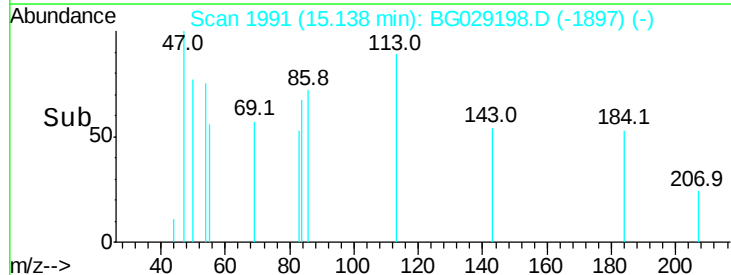
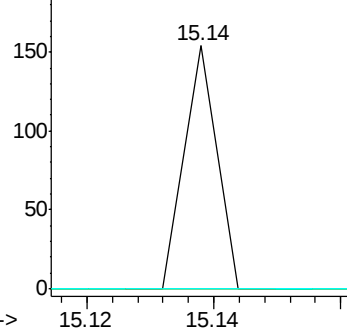
154 0.0 55.8 83.6#

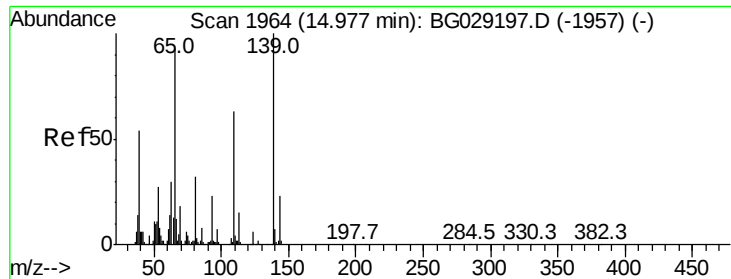


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 0.072 ng/ul

RT: 14.79 min Scan# 1931

Delta R.T. -0.19 min

Lab File: BG029198.D

Acq: 13 Oct 2017 19:30

Instrument :

BNA_G

ClientSampleId :

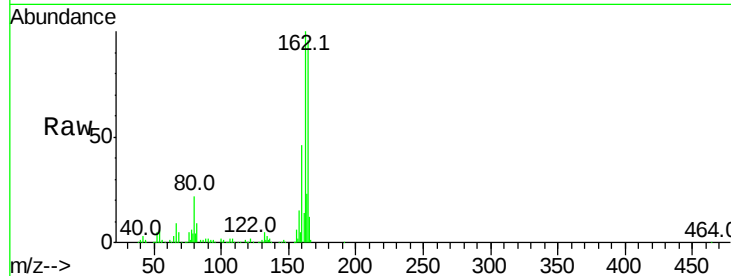
Tot Ion:109 Resp: 174

Ion Ratio Lower Upper

109 100

139 0.0 89.5 134.3#

65 243.5 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): B

1200

1000

800

600

400

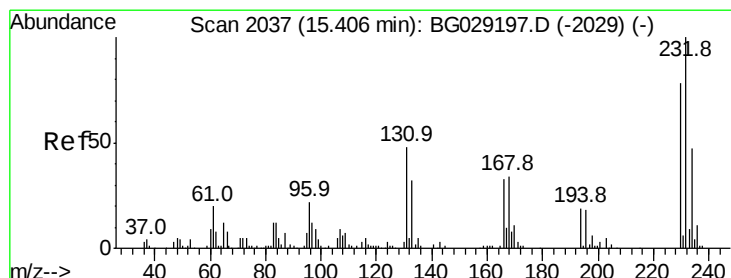
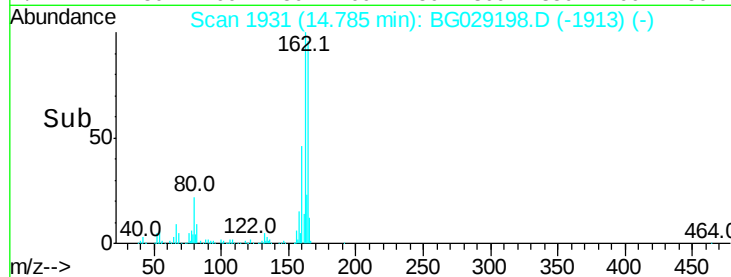
200

0

14.76 14.78 14.80

14.79

Time-->



#55

2,3,4,6-Tetrachlorophenol

Concen: 0.014 ng/ul

RT: 15.43 min Scan# 2041

Delta R.T. 0.03 min

Lab File: BG029198.D

Acq: 13 Oct 2017 19:30

Tgt Ion:232 Resp: 53

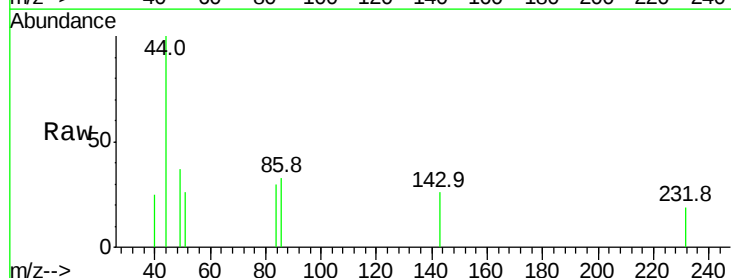
Ion Ratio Lower Upper

232 100

131 0.0 33.8 50.8#

130 0.0 1.5 2.3#

166 0.0 27.1 40.7#



Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

200

150

100

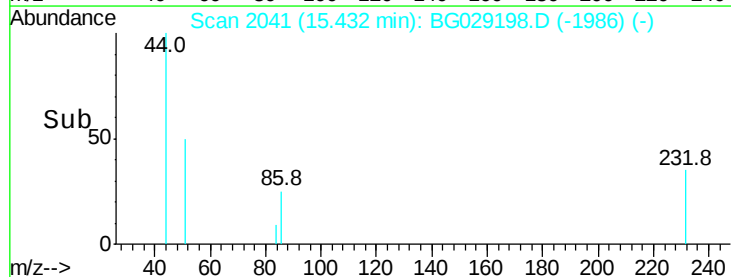
50

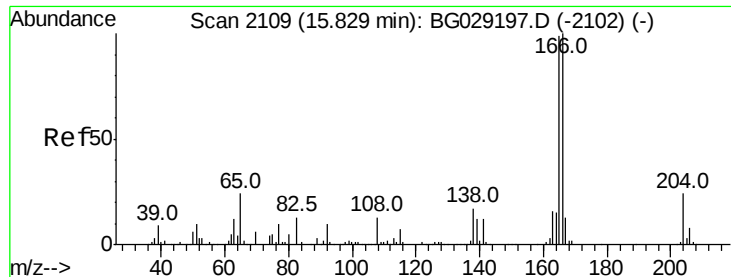
0

15.42 15.44

15.43

Time-->





#58

Fluorene

Concen: 0.100 ng/ul

RT: 15.77 min Scan# 2098

Delta R.T. -0.06 min

Lab File: BG029198.D

Acq: 13 Oct 2017 19:30

Instrument :

BNA_G

ClientSampled :

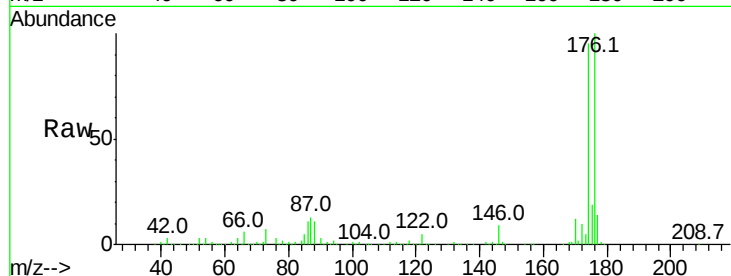
Tot Ion:166 Resp: 1615

Ion Ratio Lower Upper

166 100

165 0.0 79.9 119.9#

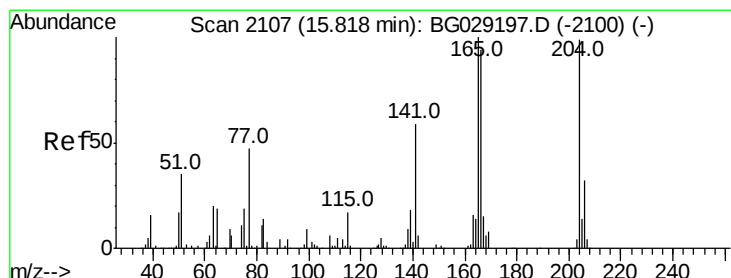
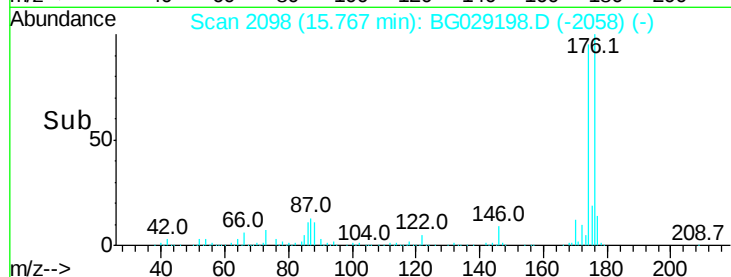
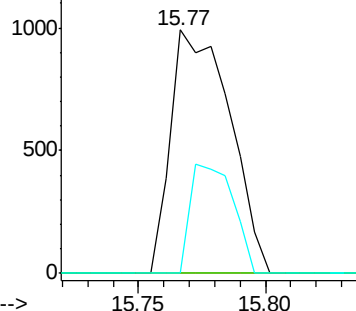
167 0.0 10.6 16.0#



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



#59

4-Chlorophenyl-phenylether

Concen: 0.011 ng/ul

RT: 15.87 min Scan# 2116

Delta R.T. 0.05 min

Lab File: BG029198.D

Acq: 13 Oct 2017 19:30

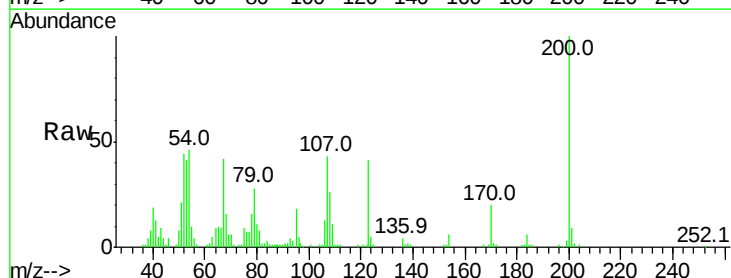
Tgt Ion:204 Resp: 81

Ion Ratio Lower Upper

204 100

206 0.0 29.8 44.8#

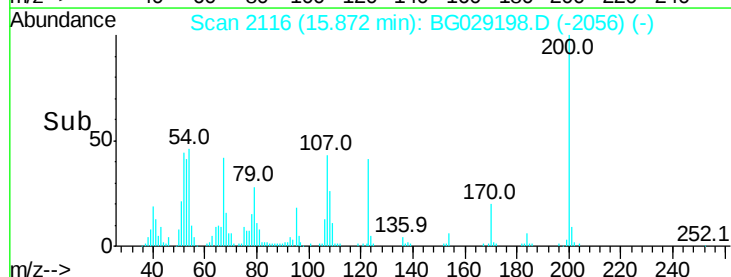
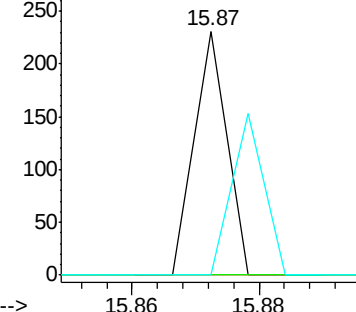
141 0.0 49.2 73.8#

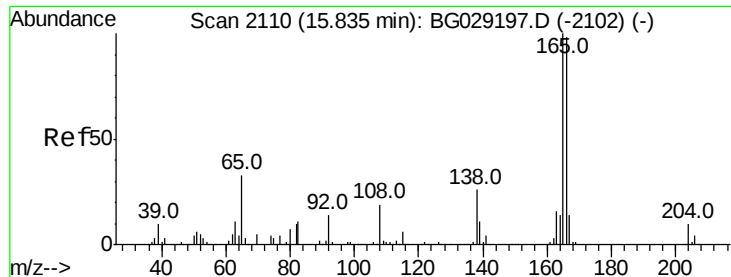


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#60

4-Nitroaniline

Concen: 0.014 ng/ul

RT: 15.79 min Scan# 2102

Delta R.T. -0.05 min

Lab File: BG029198.D

Acq: 13 Oct 2017 19:30

Instrument :

BNA_G

ClientSampleId :

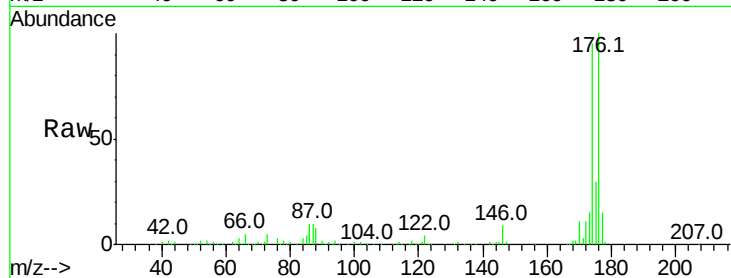
Tot Ion:138 Resp: 56

Ion Ratio Lower Upper

138 100

92 557.6 44.2 66.2#

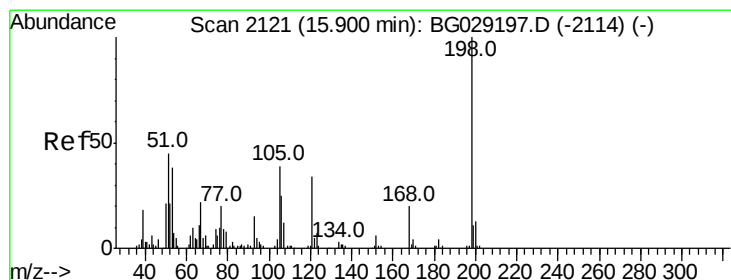
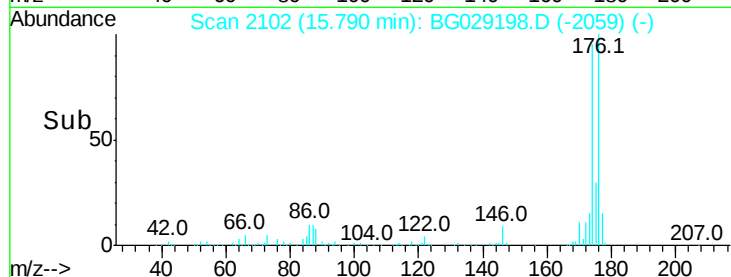
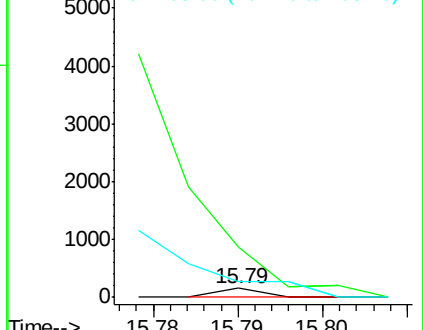
108 179.7 63.7 95.5#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#63

4,6-Dinitro-2-methylphenol

Concen: 0.150 ng/ul

RT: 15.89 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BG029198.D

Acq: 13 Oct 2017 19:30

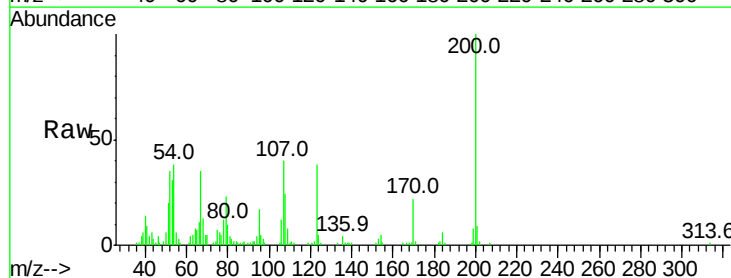
Tgt Ion:198 Resp: 389

Ion Ratio Lower Upper

198 100

182 116.6 4.6 5.0#

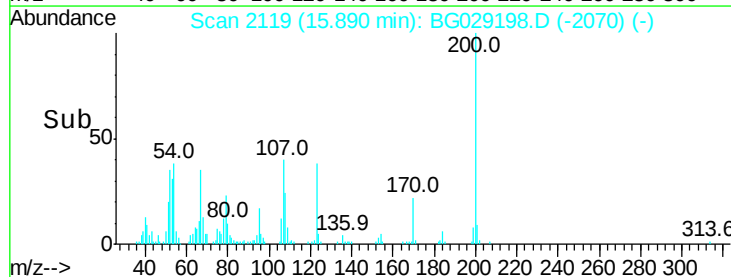
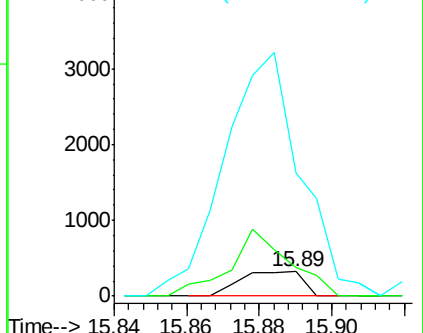
77 508.2 25.9 39.7#

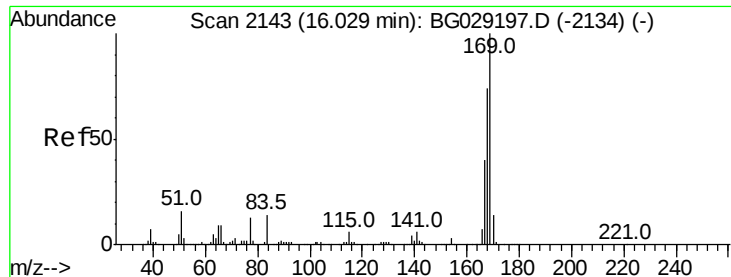


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BGC



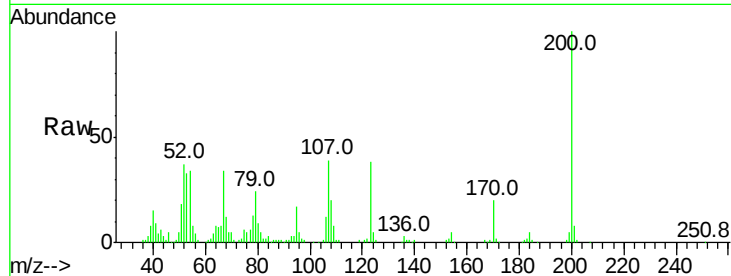


#64

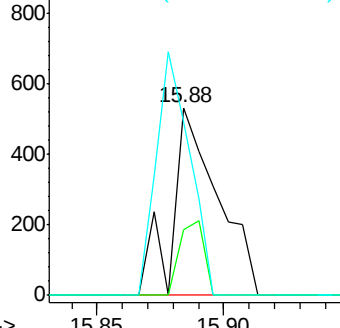
N-Nitrosodiphenylamine
 Concen: 0.045 ng/ul
 RT: 15.88 min Scan# 2118
 Delta R.T. -0.15 min
 Lab File: BG029198.D
 Acq: 13 Oct 2017 19:30

Instrument :
 BNA_G
 ClientSampleId :

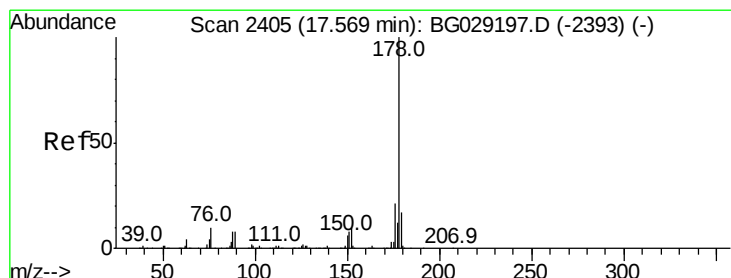
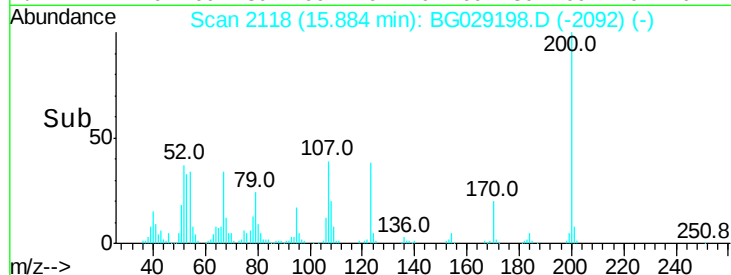
Tot Ion:169 Resp: 669
 Ion Ratio Lower Upper
 169 100
 168 35.2 54.1 81.1#
 167 92.5 30.0 45.0#



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



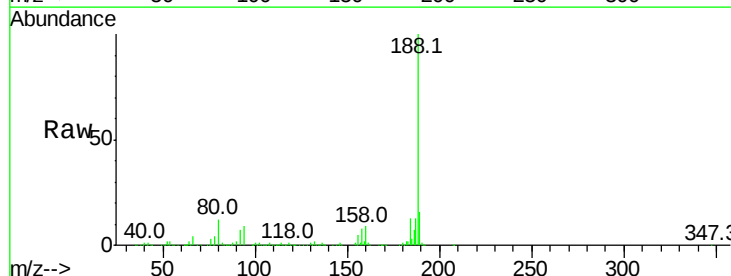
Time-->



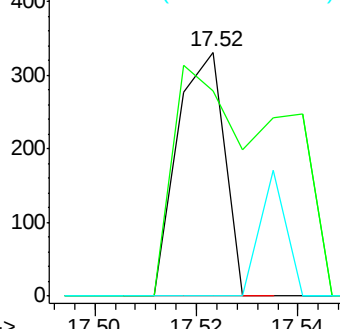
#69

Phenanthrene
 Concen: 0.008 ng/ul
 RT: 17.52 min Scan# 2397
 Delta R.T. -0.05 min
 Lab File: BG029198.D
 Acq: 13 Oct 2017 19:30

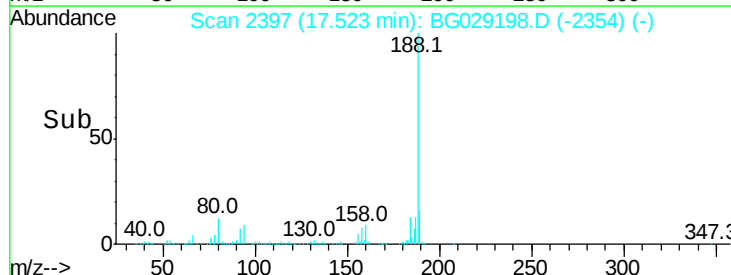
Tgt Ion:178 Resp: 214
 Ion Ratio Lower Upper
 178 100
 179 84.0 13.0 19.6#
 176 0.0 15.3 22.9#

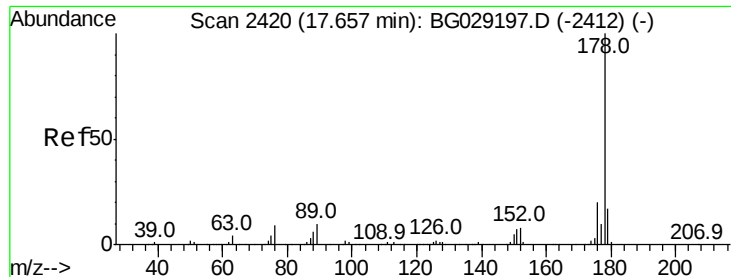


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E



Time-->





#71

Anthracene

Concen: 0.002 ng/ul

RT: 17.67 min Scan# 2422

Delta R.T. 0.01 min

Lab File: BG029198.D

Acq: 13 Oct 2017 19:30

Instrument :

BNA_G

ClientSampleId :

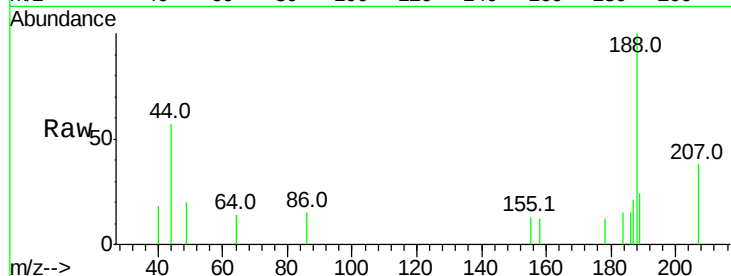
Tot Ion:178 Resp: 57

Ion Ratio Lower Upper

178 100

179 0.0 13.2 19.8#

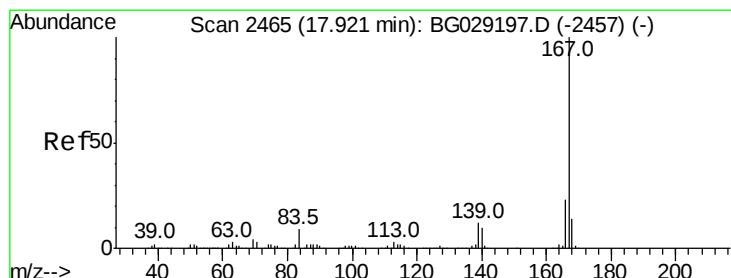
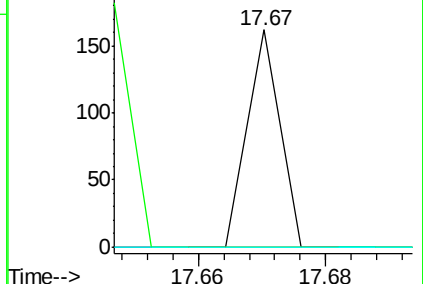
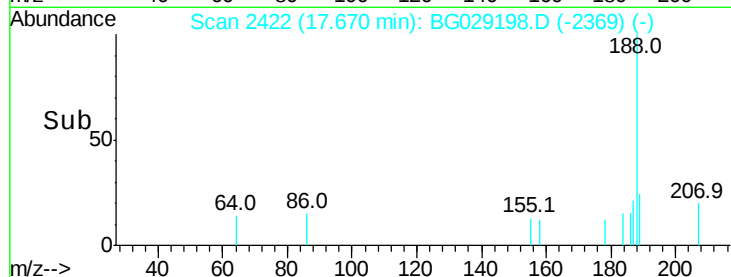
176 0.0 16.0 24.0#



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: 0.002 ng/ul

RT: 17.91 min Scan# 2462

Delta R.T. -0.02 min

Lab File: BG029198.D

Acq: 13 Oct 2017 19:30

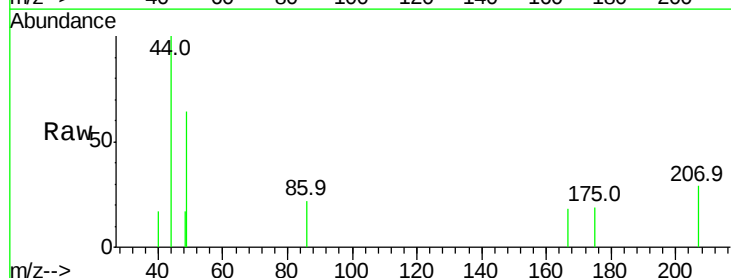
Tgt Ion:167 Resp: 57

Ion Ratio Lower Upper

167 100

166 0.0 18.6 28.0#

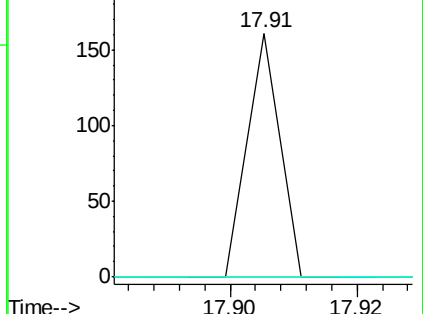
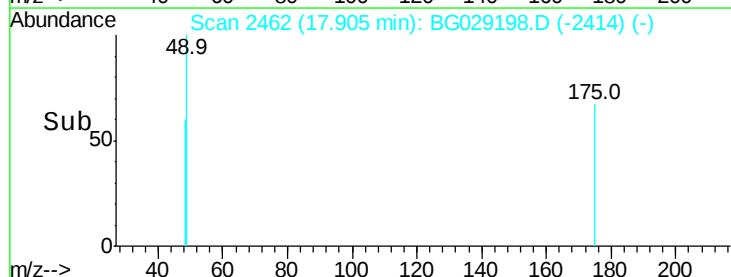
139 0.0 10.6 16.0#

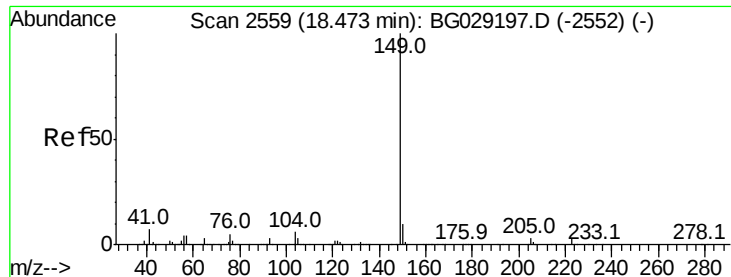


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

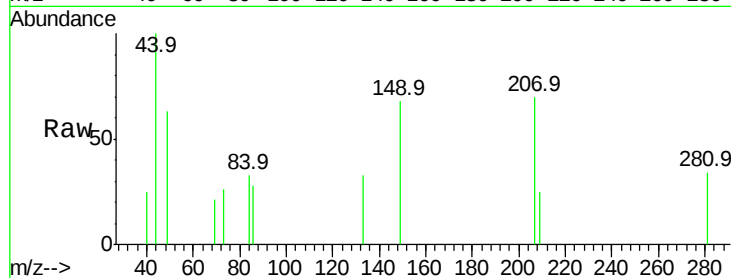




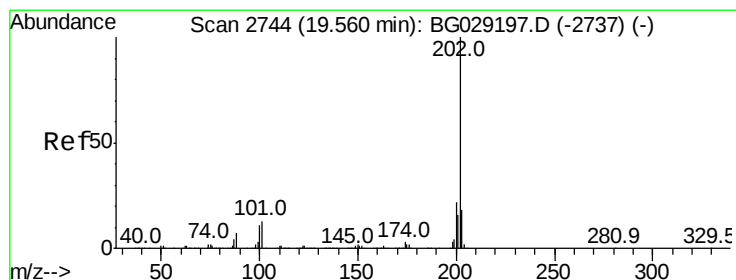
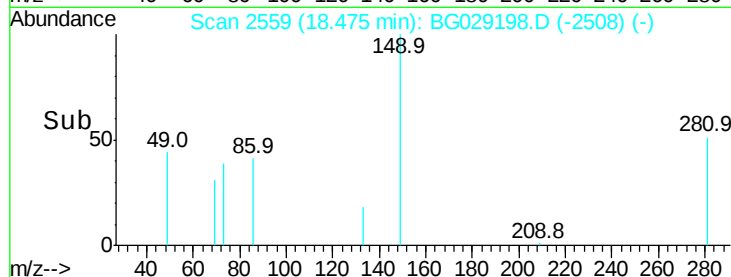
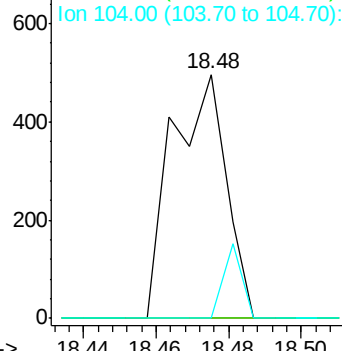
#73
Di-n-butylphthalate
Concen: 0.017 ng/ul
RT: 18.48 min Scan# 2559
Delta R.T. 0.00 min
Lab File: BG029198.D
Acq: 13 Oct 2017 19:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 512
Ion Ratio Lower Upper
149 100
150 0.0 7.5 11.3#
104 0.0 4.6 7.0#

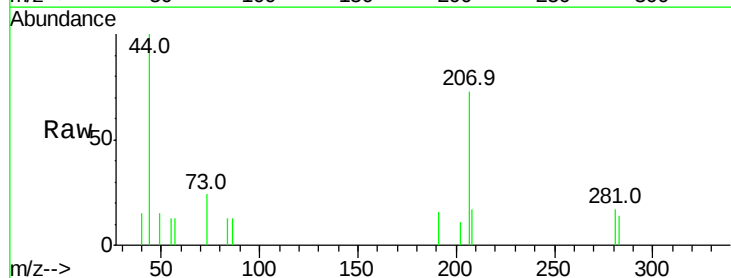


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

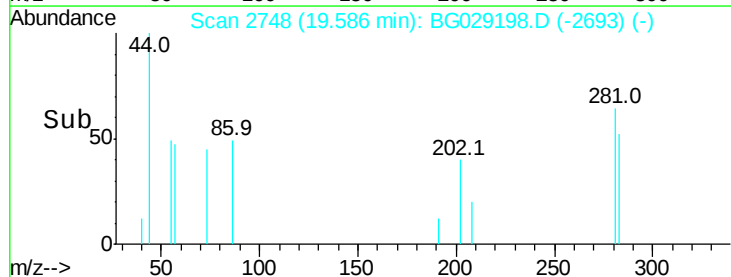
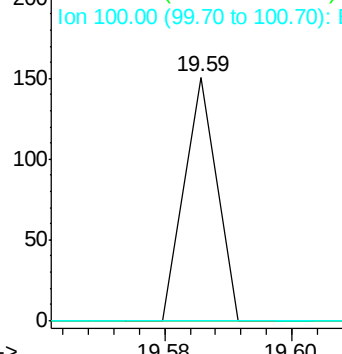


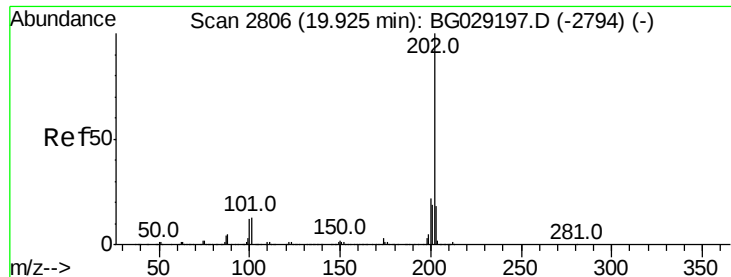
#74
Fluoranthene
Concen: 0.002 ng/ul
RT: 19.59 min Scan# 2748
Delta R.T. 0.03 min
Lab File: BG029198.D
Acq: 13 Oct 2017 19:30

Tgt Ion:202 Resp: 53
Ion Ratio Lower Upper
202 100
101 0.0 7.4 11.2#
100 0.0 5.6 8.4#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 0.048 ng/ul

RT: 19.90 min Scan# 2802

Delta R.T. -0.02 min

Lab File: BG029198.D

Acq: 13 Oct 2017 19:30

Instrument :

BNA_G

ClientSampled :

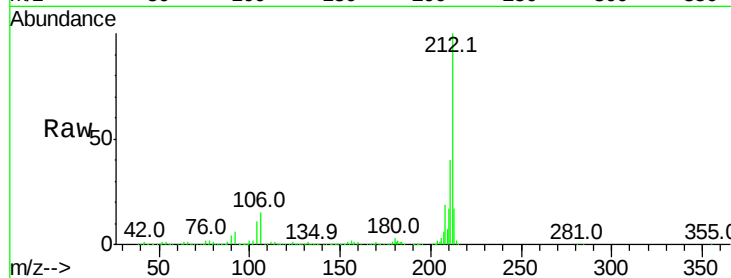
Tot Ion:202 Resp: 1651

Ion Ratio Lower Upper

202 100

101 142.5 8.4 12.6#

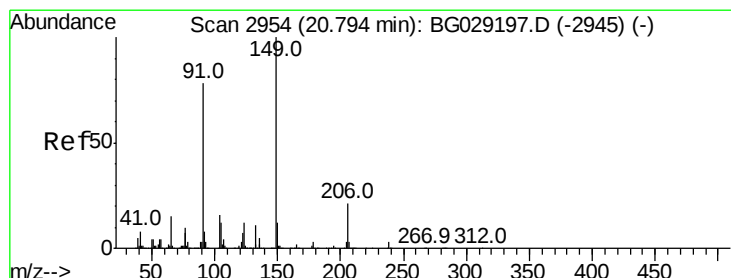
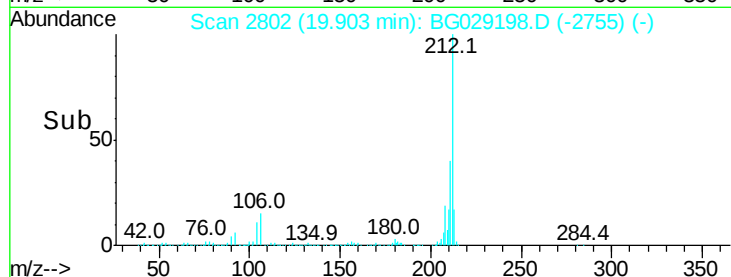
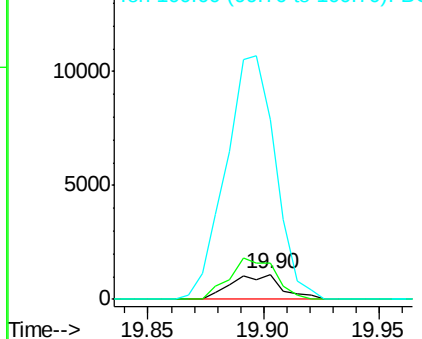
100 715.4 7.0 10.6#



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: 0.010 ng/ul

RT: 20.79 min Scan# 2953

Delta R.T. -0.00 min

Lab File: BG029198.D

Acq: 13 Oct 2017 19:30

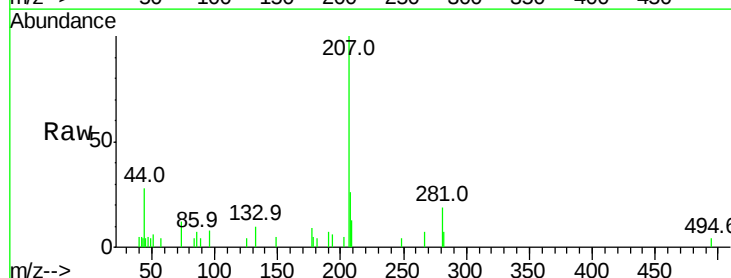
Tgt Ion:149 Resp: 136

Ion Ratio Lower Upper

149 100

91 0.0 61.3 91.9#

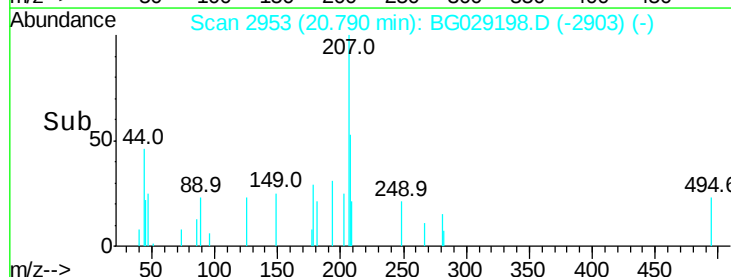
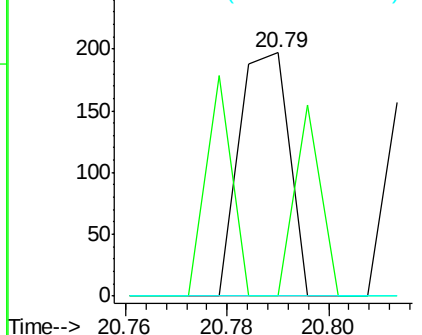
206 0.0 19.5 29.3#

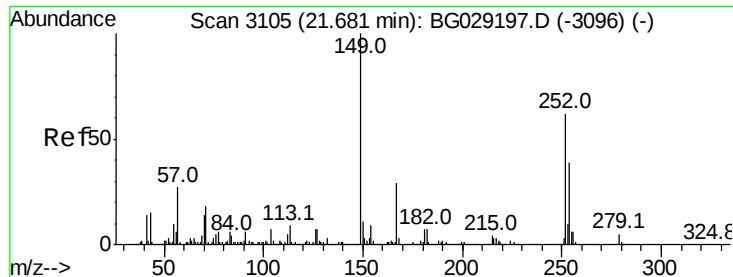


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

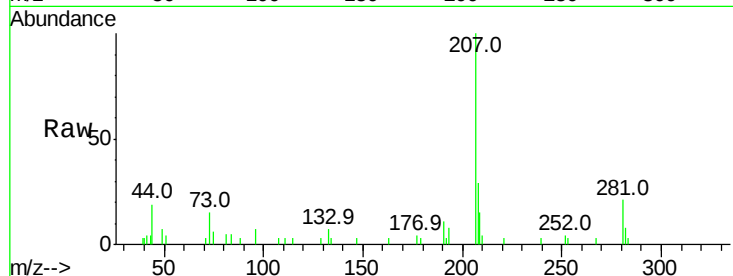




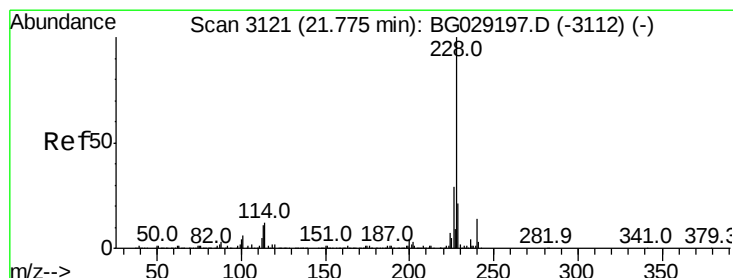
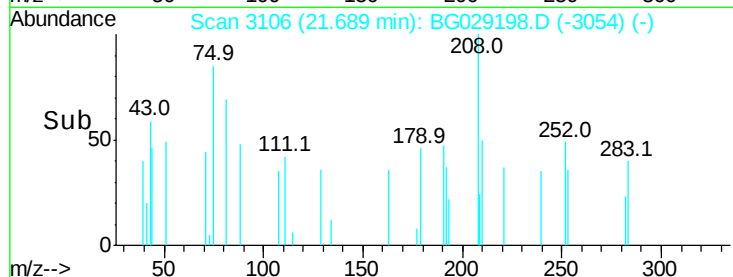
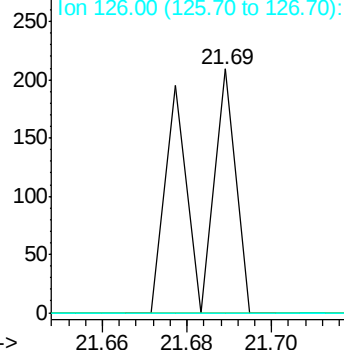
#79
 3,3'-Dichlorobenzidine
 Concen: 0.015 ng/ul
 RT: 21.69 min Scan# 3106
 Delta R.T. 0.01 min
 Lab File: BG029198.D
 Acq: 13 Oct 2017 19:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:252 Resp: 142
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.4 77.2#
 126 0.0 9.3 13.9#

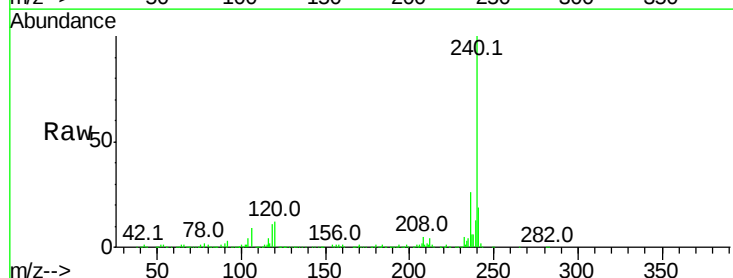


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

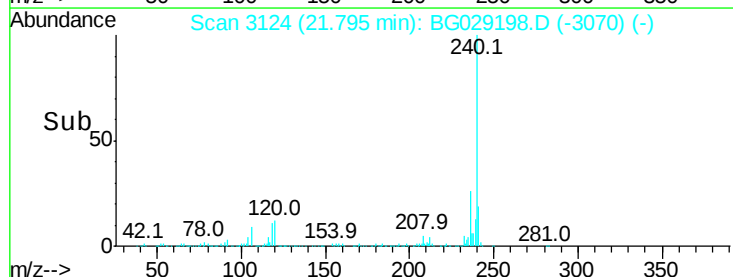
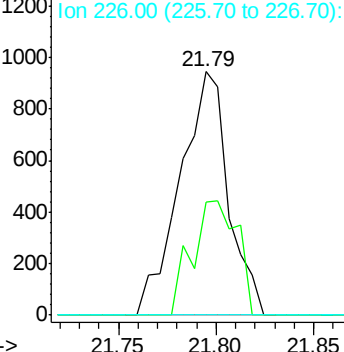


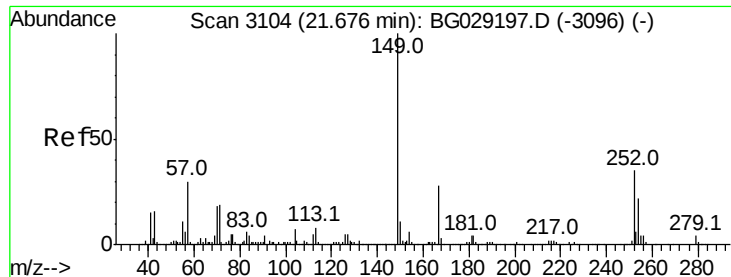
#80
 Benzo(a)anthracene
 Concen: 0.050 ng/ul
 RT: 21.79 min Scan# 3124
 Delta R.T. 0.02 min
 Lab File: BG029198.D
 Acq: 13 Oct 2017 19:30

Tgt Ion:228 Resp: 1622
 Ion Ratio Lower Upper
 228 100
 229 46.7 16.2 24.4#
 226 0.0 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: 0.031 ng/ul

RT: 21.68 min Scan# 3104

Delta R.T. 0.00 min

Lab File: BG029198.D

Acq: 13 Oct 2017 19:30

Instrument :

BNA_G

ClientSampleId :

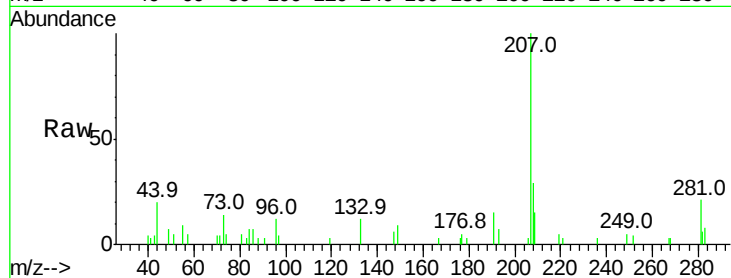
Tot Ion:149 Resp: 627

Ion Ratio Lower Upper

149 100

167 32.0 23.2 34.8

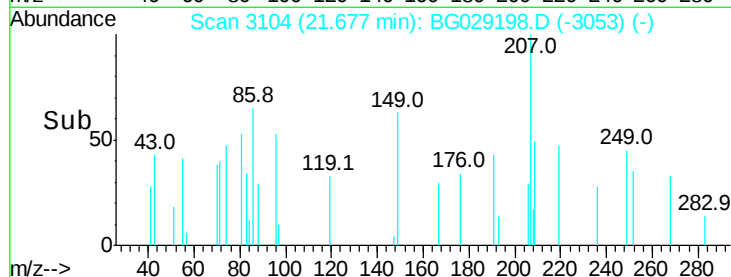
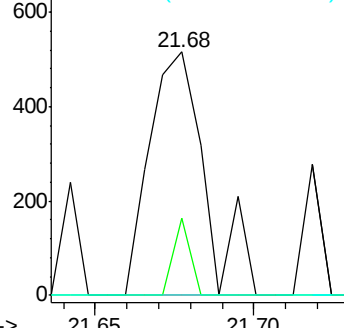
279 0.0 3.1 4.7#



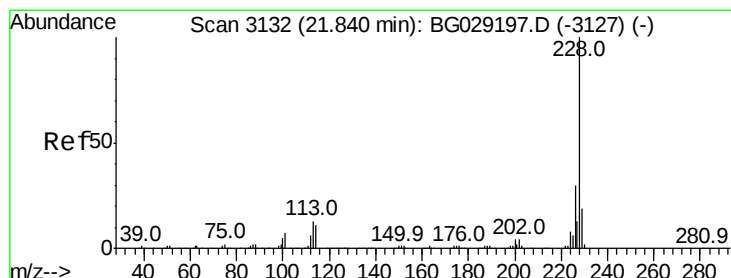
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#82

Chrysene

Concen: 0.055 ng/ul

RT: 21.79 min Scan# 3124

Delta R.T. -0.05 min

Lab File: BG029198.D

Acq: 13 Oct 2017 19:30

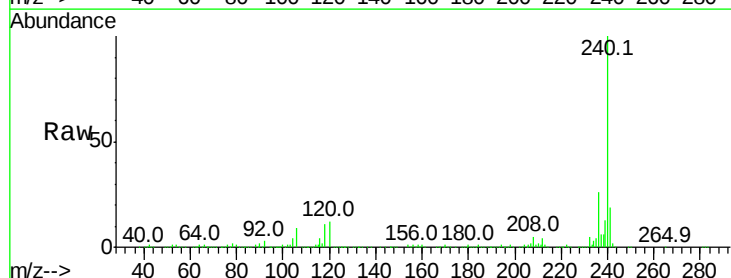
Tgt Ion:228 Resp: 1622

Ion Ratio Lower Upper

228 100

226 0.0 24.2 36.2#

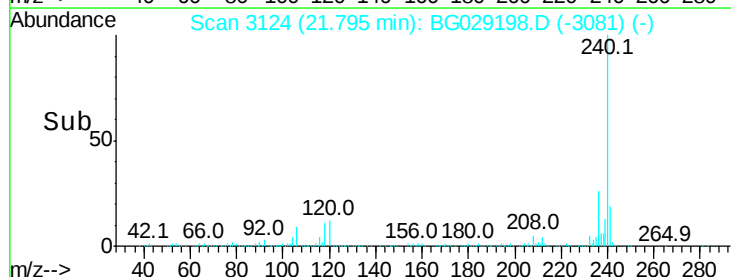
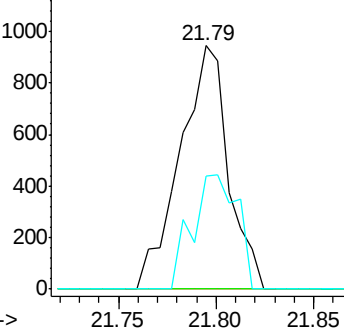
229 46.7 15.2 22.8#



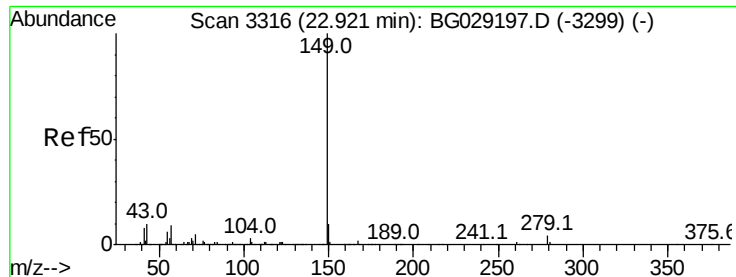
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Di-n-octyl phthalate

Concen: 0.008 ng/u1

RT: 22.91 min Scan# 3313

Delta R.T. -0.02 min

Lab File: BG029198.D

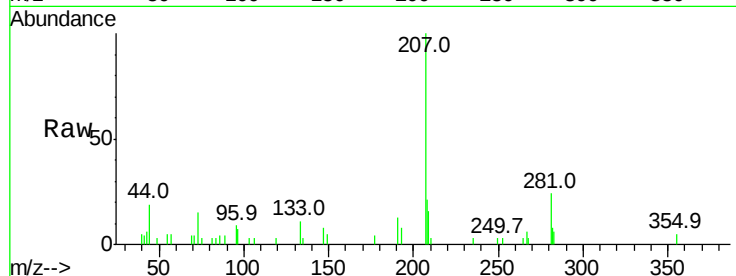
Acq: 13 Oct 2017 19:30

Instrument :

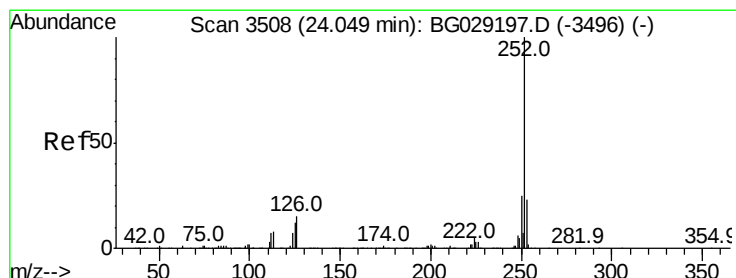
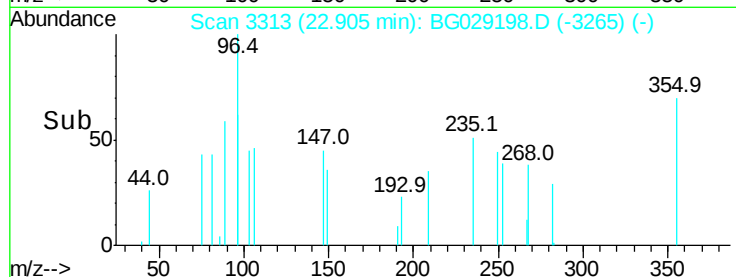
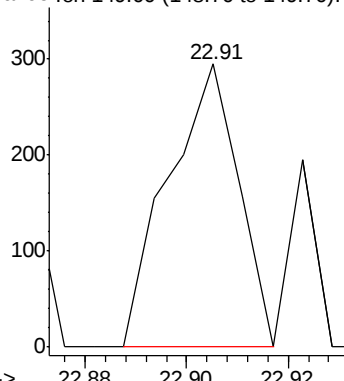
BNA_G

ClientSampleId :

Tgt Ion:149 Resp: 284



Abundance Ion 149.00 (148.70 to 149.70): E



#85

Benzo(b)fluoranthene

Concen: 0.005 ng/u1

RT: 24.06 min Scan# 3509

Delta R.T. 0.01 min

Lab File: BG029198.D

Acq: 13 Oct 2017 19:30

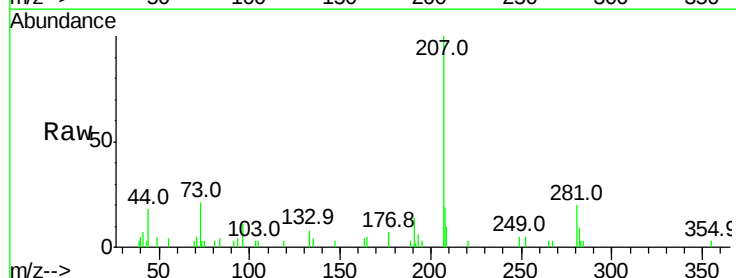
Tgt Ion:252 Resp: 165

Ion Ratio Lower Upper

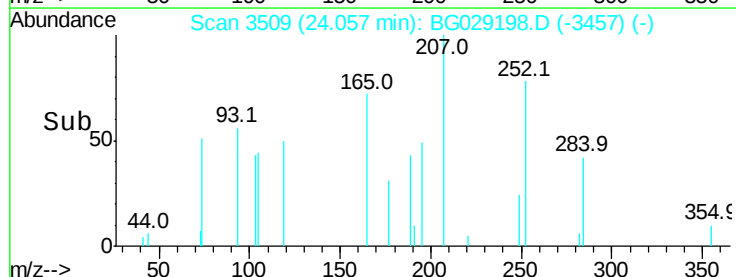
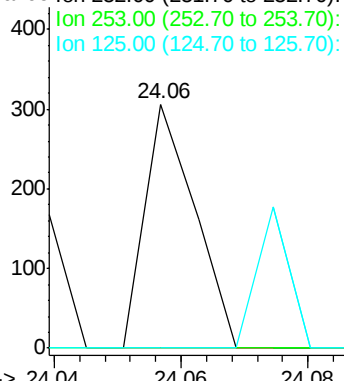
252 100

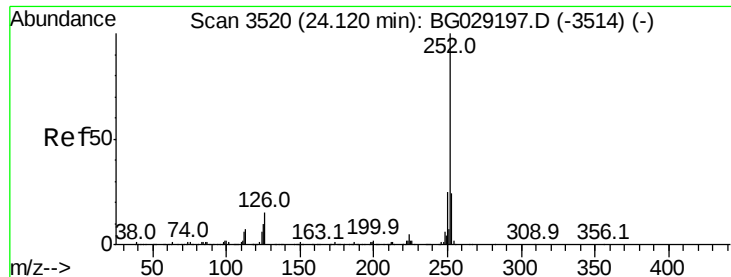
253 0.0 17.0 25.4#

125 0.0 7.5 11.3#



Abundance Ion 252.00 (251.70 to 252.70): E





#86

Benzo(k)fluoranthene

Concen: 0.003 ng/ul

RT: 24.13 min Scan# 3521

Delta R.T. 0.01 min

Lab File: BG029198.D

Acq: 13 Oct 2017 19:30

Instrument :

BNA_G

ClientSampleId :

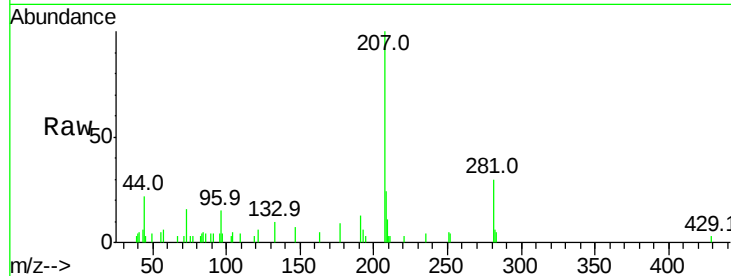
Tot Ion:252 Resp: 73

Ion Ratio Lower Upper

252 100

253 0.0 17.2 25.8#

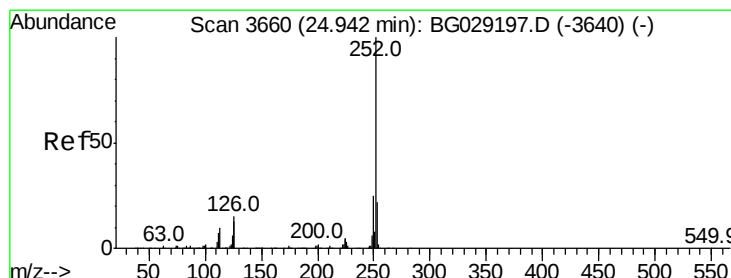
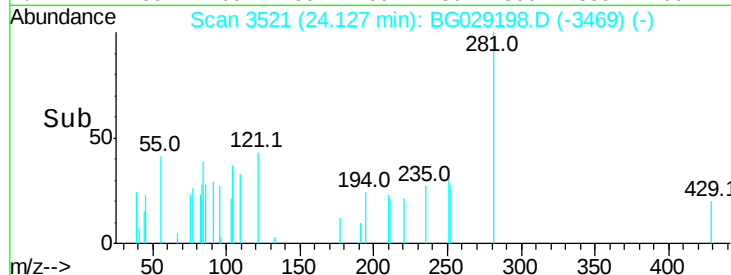
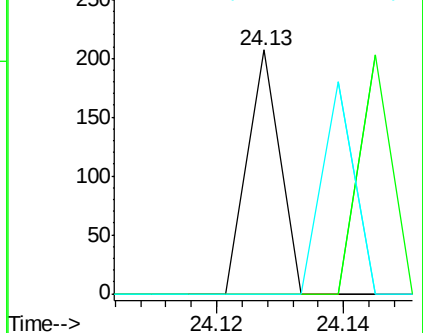
125 0.0 7.8 11.8#



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



#88

Benzo(a)pyrene

Concen: 0.006 ng/ul

RT: 24.93 min Scan# 3658

Delta R.T. -0.01 min

Lab File: BG029198.D

Acq: 13 Oct 2017 19:30

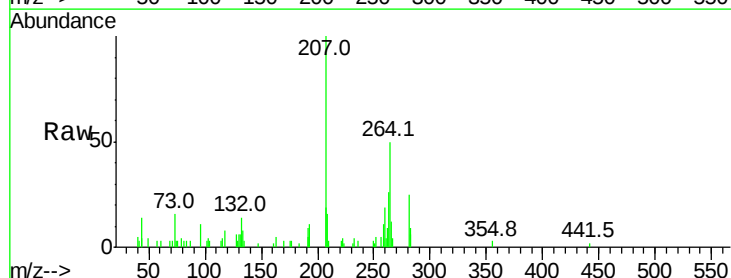
Tgt Ion:252 Resp: 178

Ion Ratio Lower Upper

252 100

253 0.0 17.1 25.7#

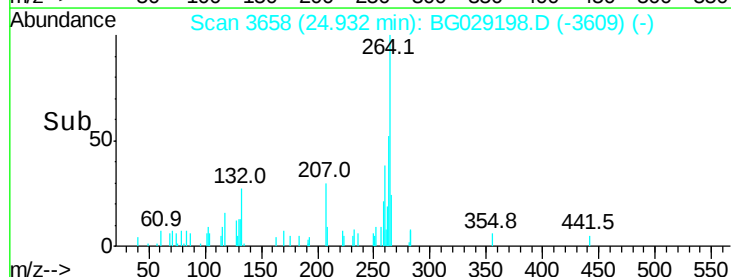
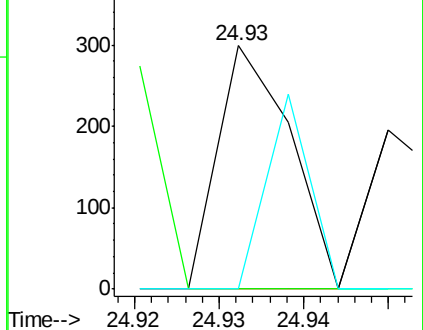
125 0.0 7.8 11.8#

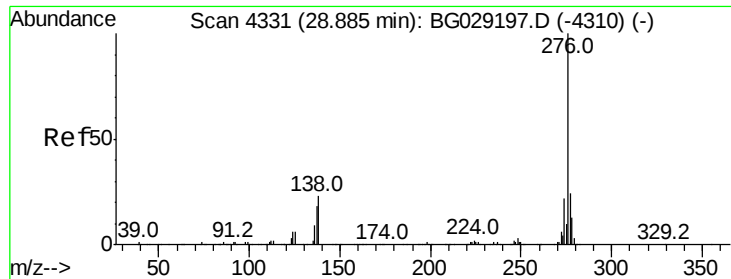


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



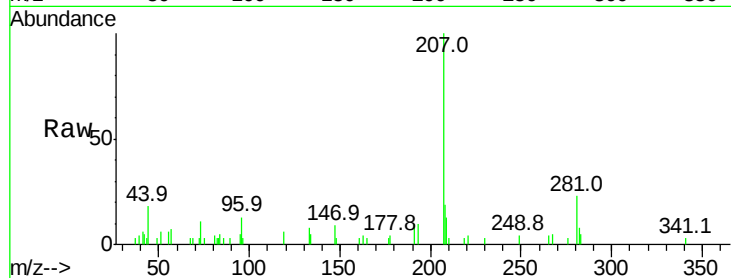


#89

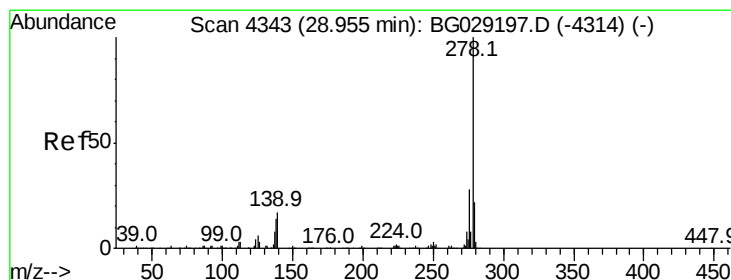
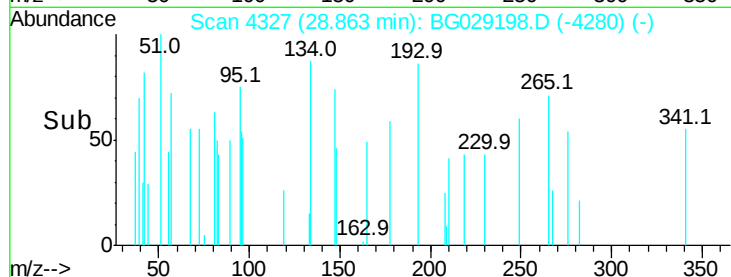
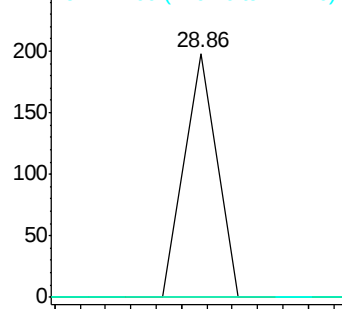
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng/ul
RT: 28.86 min Scan# 4327
Delta R.T. -0.02 min
Lab File: BG029198.D
Acq: 13 Oct 2017 19:30

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	13.4	20.0#
277	0.0	18.6	28.0#



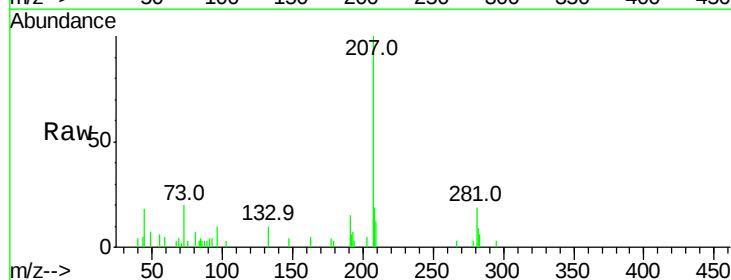
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



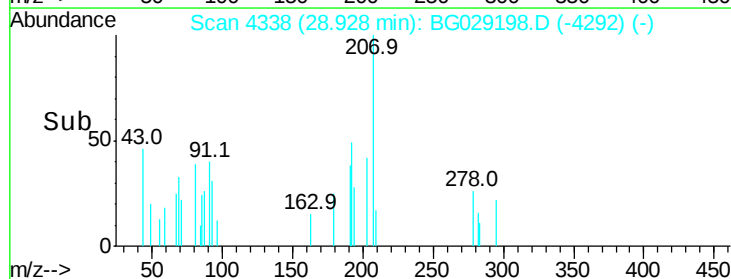
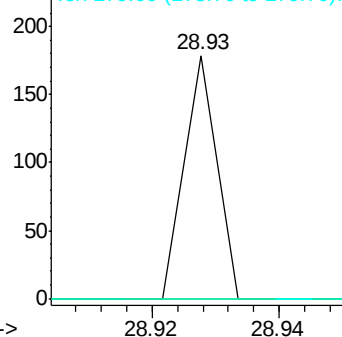
#90

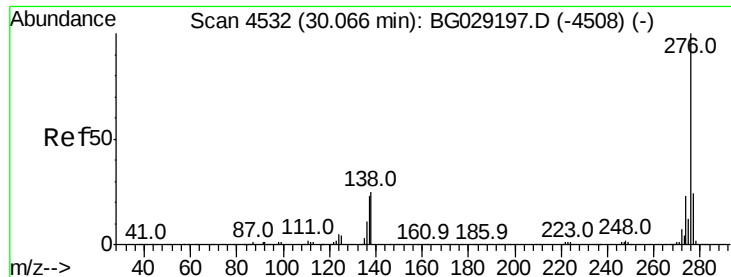
Dibenzo(a,h)anthracene
Concen: 0.002 ng/ul
RT: 28.93 min Scan# 4338
Delta R.T. -0.03 min
Lab File: BG029198.D
Acq: 13 Oct 2017 19:30

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: 0.004 ng/ul

RT: 30.03 min Scan# 4525

Delta R.T. -0.04 min

Lab File: BG029198.D

Acq: 13 Oct 2017 19:30

Instrument :

BNA_G

ClientSampleId :

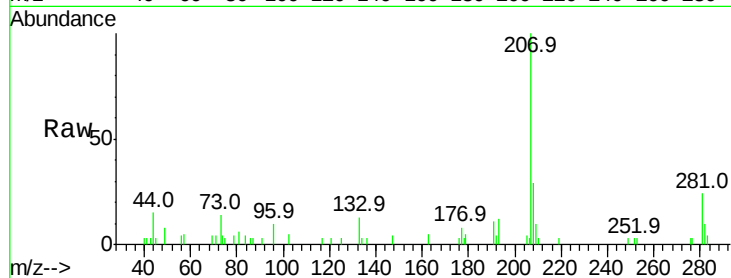
Tot Ion:276 Resp: 117

Ion Ratio Lower Upper

276 100

138 0.0 12.1 18.1#

277 0.0 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

