

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101417\
 Data File : BG029199.D
 Acq On : 13 Oct 2017 20:10
 Operator : SJ/JU
 Sample : PB103233BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 14 05:43:21 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	73346	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	333030	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	207866	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	511371	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	518967	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	516892	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	14409	7.99	ng/uL	0.00
5) Phenol-d5	7.31	99	244692	34.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	166359	37.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	181229	36.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	202477	35.61	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	93437	39.08	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	96162	39.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	180102	32.26	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	286397	44.16	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	694897	39.10	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	794448	36.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	113256	34.52	ng/ul	0.00
57) Fluorene-d10	15.77	176	564800	38.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	74239	29.74	ng/ul	0.00
70) Anthracene-d10	17.63	188	910953	37.67	ng/ul	0.00
76) Pyrene-d10	19.89	212	1016097	37.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	911347	37.23	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.58	88	311	0.141	ng/uL# 13
4) Benzaldehyde	7.31	77	416	0.096	ng/ul# 4
8) Bis(2-Chloroethyl)ether	7.58	93	979	0.177	ng/ul# 80
12) 2,2'-oxybis(1-Chloropropan	8.87	45	1889	0.232	ng/ul# 77
14) Acetophenone	8.95	105	60	0.007	ng/ul# 15
15) N-Nitroso-di-n-propylamine	9.02	70	71	0.015	ng/ul# 32
20) Nitrobenzene	9.34	77	811	0.124	ng/ul# 46
21) Isophorone	10.06	82	7365	0.535	ng/ul# 72
23) 2-Nitrophenol	10.29	139	64	0.024	ng/ul# 23
25) Bis(2-Chloroethoxy)methane	10.46	93	56	0.007	ng/ul# 51
27) 2,4-Dichlorophenol	10.62	162	68	0.013	ng/ul# 1
28) Naphthalene	11.06	128	61	0.003	ng/ul# 68
30) 4-Chloroaniline	11.11	127	133	0.021	ng/ul# 1
32) Caprolactam	11.86	113	76	0.033	ng/ul# 1
37) Hexachlorocyclopentadiene	12.89	237	60	0.018	ng/ul# 26
41) 2-Chloronaphthalene	13.53	162	61	0.005	ng/ul# 40
44) Dimethylphthalate	14.18	163	957	0.055	ng/ul# 1
45) 2,6-Dinitrotoluene	14.19	165	2195	0.724	ng/ul# 36
47) Acenaphthylene	14.51	152	58	0.003	ng/ul# 62
48) 3-Nitroaniline	14.49	138	176	0.054	ng/ul# 1
50) 2,4-Dinitrophenol	15.14	184	88	0.054	ng/ul# 14
52) 4-Nitrophenol	14.96	109	58	0.023	ng/ul# 1
54) 2,4-Dinitrotoluene	15.26	165	54	0.012	ng/ul# 33

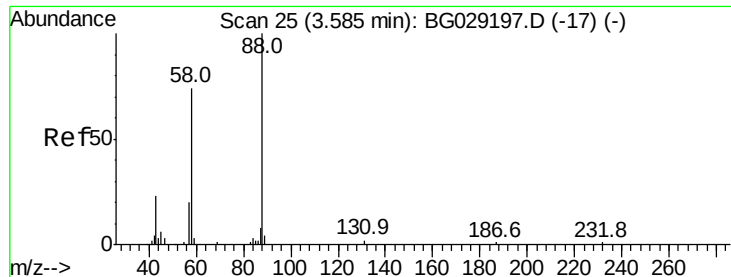
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101417\
 Data File : BG029199.D
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 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 14 05:39:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) 2,3,4,6-Tetrachlorophenol	15.39	232	69	0.017	ng/ul#	38
56) Diethylphthalate	15.59	149	65	0.004	ng/ul#	59
58) Fluorene	15.77	166	1714	0.104	ng/ul#	6
60) 4-Nitroaniline	15.88	138	1224	0.303	ng/ul#	1
63) 4,6-Dinitro-2-methylphenol	15.89	198	434	0.165	ng/ul#	1
64) N-Nitrosodiphenylamine	15.94	169	63	0.004	ng/ul#	24
68) Pentachlorophenol	17.26	266	72	0.023	ng/ul#	16
69) Phenanthrene	17.53	178	119	0.004	ng/ul#	1
71) Anthracene	17.63	178	285	0.010	ng/ul#	1
73) Di-n-butylphthalate	18.47	149	216	0.007	ng/ul#	77
77) Pyrene	19.90	202	1536	0.044	ng/ul#	1
78) Butylbenzylphthalate	20.79	149	92	0.007	ng/ul#	21
79) 3,3'-Dichlorobenzidine	21.69	252	115	0.012	ng/ul#	26
80) Benzo(a)anthracene	21.80	228	1768	0.054	ng/ul#	67
81) Bis(2-ethylhexyl)phthalate	21.69	149	911	0.045	ng/ul#	51
82) Chrysene	21.80	228	1768	0.060	ng/ul#	65
84) Di-n-octyl phthalate	22.92	149	140	0.004	ng/ul	100
85) Benzo(b)fluoranthene	24.03	252	68	0.002	ng/ul#	61
86) Benzo(k)fluoranthene	24.11	252	84	0.003	ng/ul#	14
88) Benzo(a)pyrene	24.95	252	96	0.003	ng/ul#	61
89) Indeno(1,2,3-cd)pyrene	28.89	276	58	0.002	ng/ul#	56
90) Dibenzo(a,h)anthracene	28.95	278	54	0.002	ng/ul#	58

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



#2

1,4-Dioxane

Concen: 0.141 ng/uL

RT: 3.58 min Scan# 49

Delta R.T. -0.01 min

Lab File: BG029199.D

Acq: 13 Oct 2017 20:10

Instrument :

BNA_G

ClientSampleId :

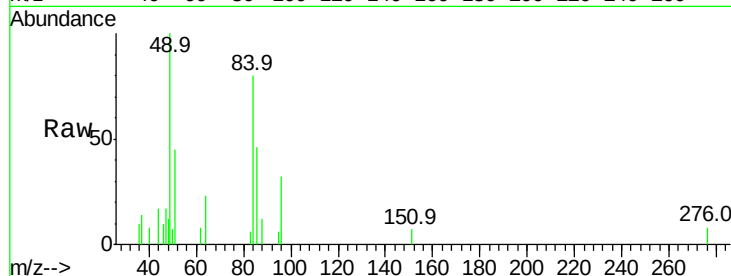
Tot Ion: 88 Resp: 311

Ion Ratio Lower Upper

88 100

43 0.0 35.0 52.6#

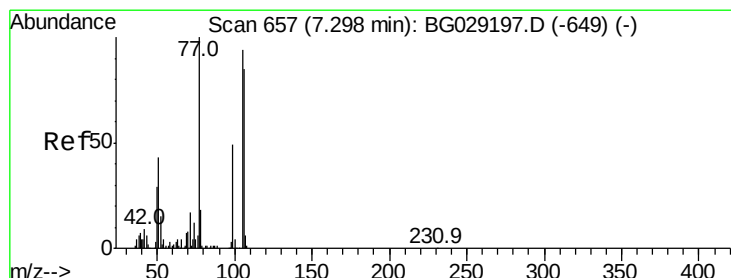
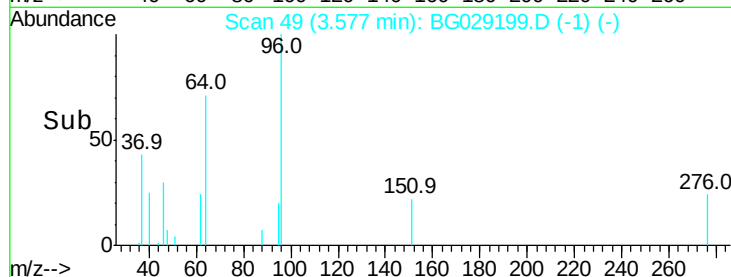
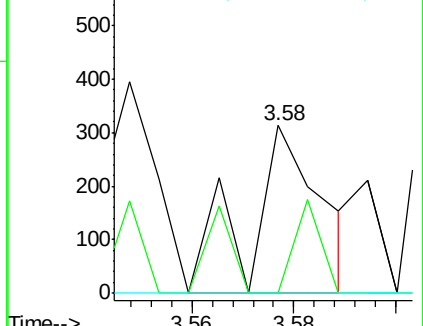
58 0.0 74.0 111.0#



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



#4

Benzaldehyde

Concen: 0.096 ng/uL

RT: 7.31 min Scan# 684

Delta R.T. 0.01 min

Lab File: BG029199.D

Acq: 13 Oct 2017 20:10

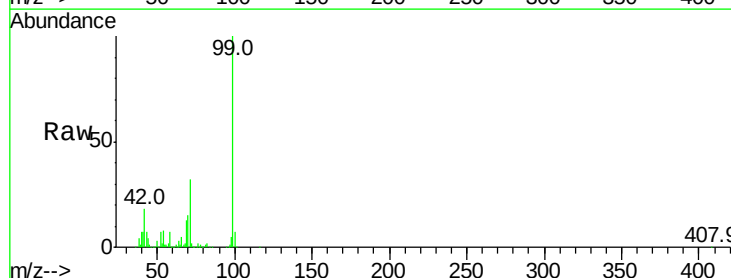
Tgt Ion: 77 Resp: 416

Ion Ratio Lower Upper

77 100

105 0.0 70.5 105.7#

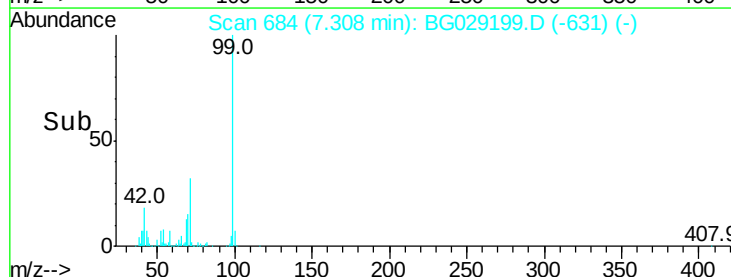
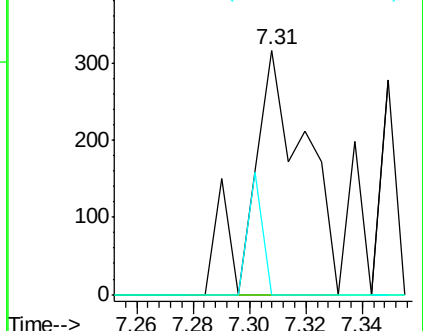
106 0.0 74.1 111.1#

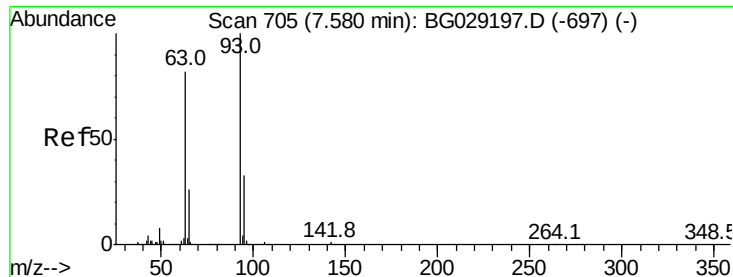


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#8

Bis(2-Chloroethyl)ether

Concen: 0.177 ng/ul

RT: 7.58 min Scan# 731

Delta R.T. 0.00 min

Lab File: BG029199.D

Acq: 13 Oct 2017 20:10

Instrument :

BNA_G

ClientSampleId :

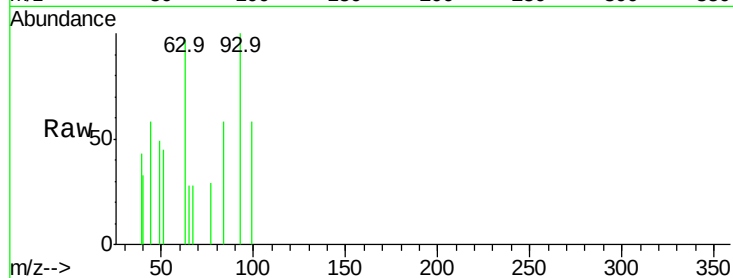
Tot Ion: 93 Resp: 979

Ion Ratio Lower Upper

93 100

63 96.8 71.8 107.8

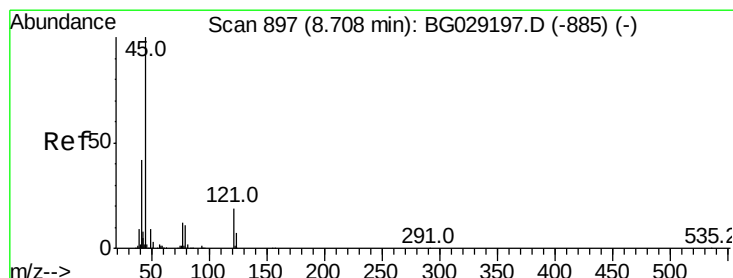
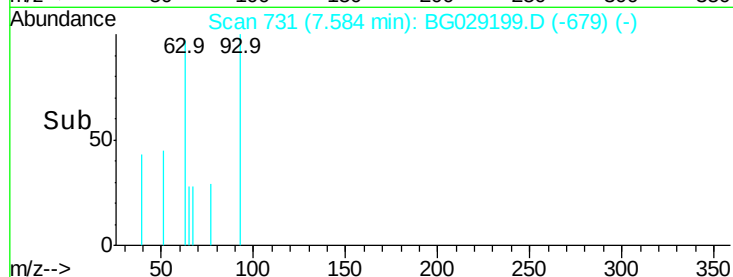
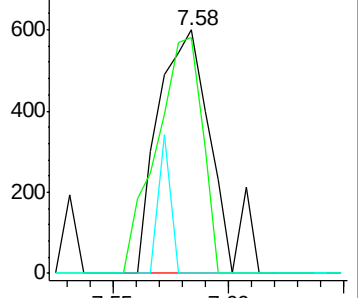
95 0.0 25.2 37.8#



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



#12

2,2'-oxybis(1-Chloropropane)

Concen: 0.232 ng/ul

RT: 8.87 min Scan# 950

Delta R.T. 0.16 min

Lab File: BG029199.D

Acq: 13 Oct 2017 20:10

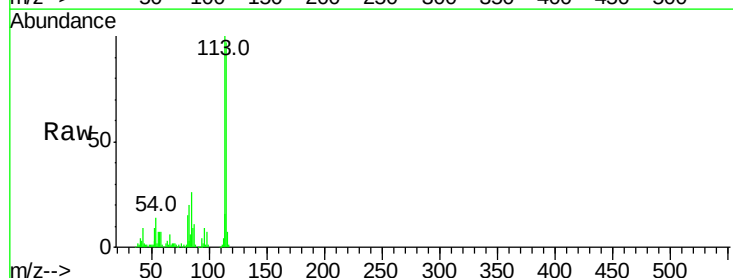
Tgt Ion: 45 Resp: 1889

Ion Ratio Lower Upper

45 100

77 24.0 9.5 14.3#

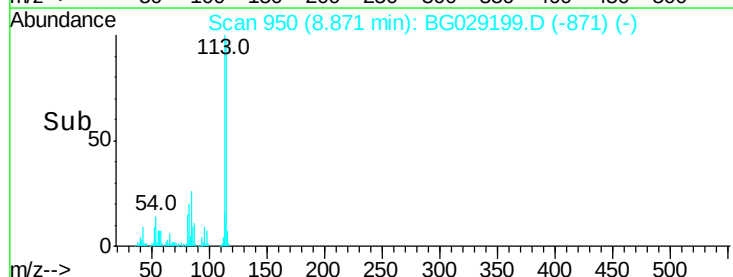
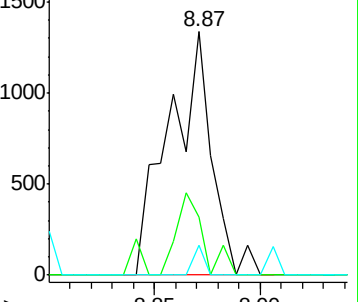
79 12.3 6.8 10.2#

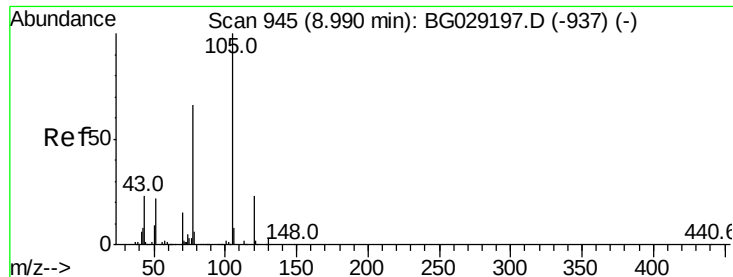


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#14

Acetophenone

Concen: 0.007 ng/ul

RT: 8.95 min Scan# 964

Delta R.T. -0.04 min

Lab File: BG029199.D

Acq: 13 Oct 2017 20:10

Instrument :

BNA_G

ClientSampleId :

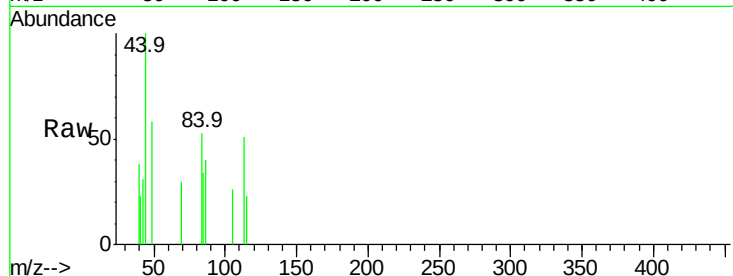
Tot Ion:105 Resp: 60

Ion Ratio Lower Upper

105 100

77 0.0 70.2 105.2#

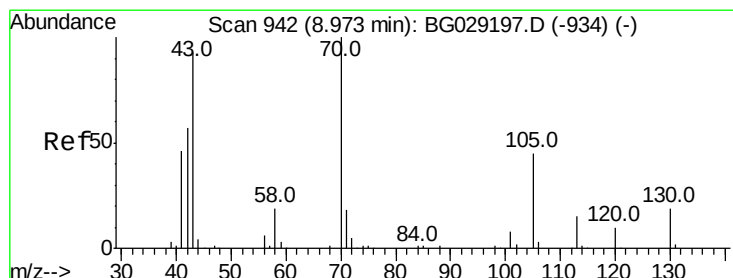
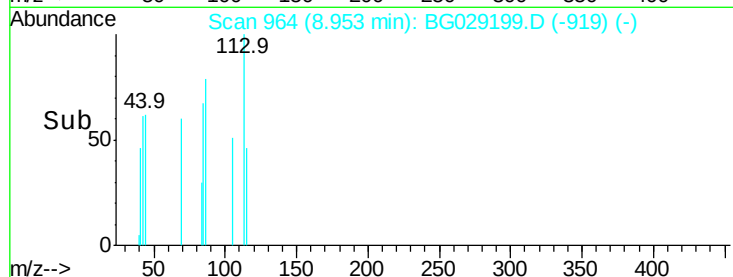
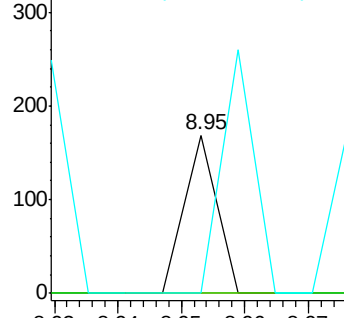
51 0.0 24.6 36.8#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#15

N-Nitroso-di-n-propylamine

Concen: 0.015 ng/ul

RT: 9.02 min Scan# 975

Delta R.T. 0.04 min

Lab File: BG029199.D

Acq: 13 Oct 2017 20:10

Tgt Ion: 70 Resp: 71

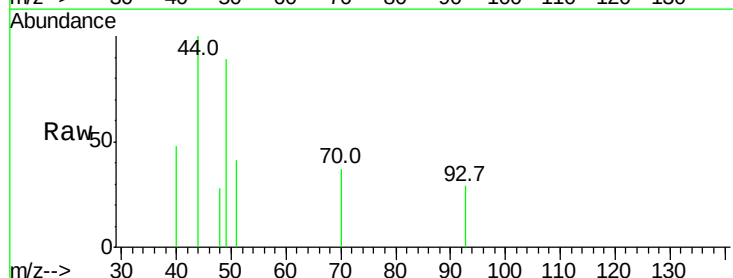
Ion Ratio Lower Upper

70 100

42 0.0 51.7 77.5#

101 0.0 7.6 11.4#

130 0.0 14.6 22.0#

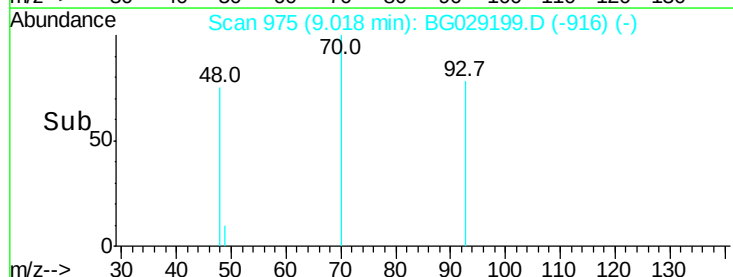
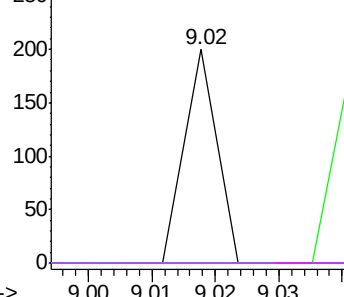


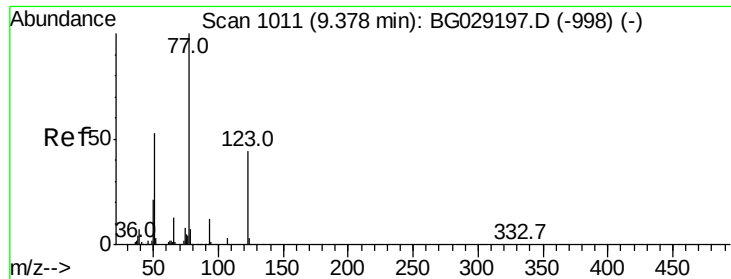
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

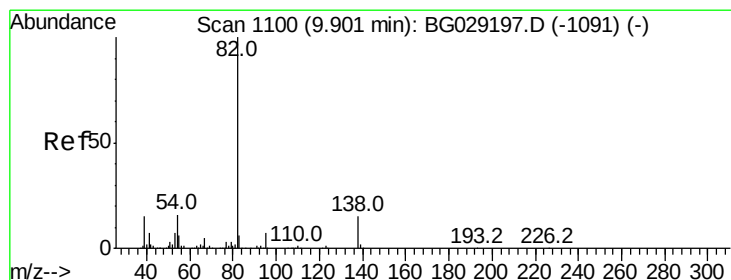
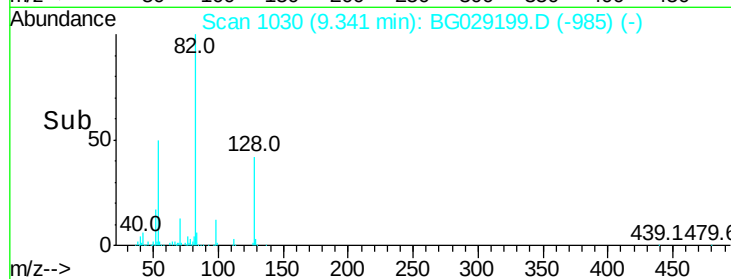
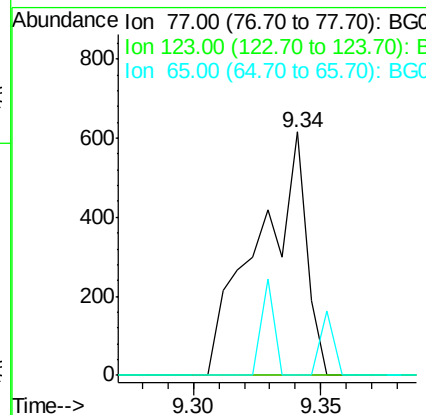
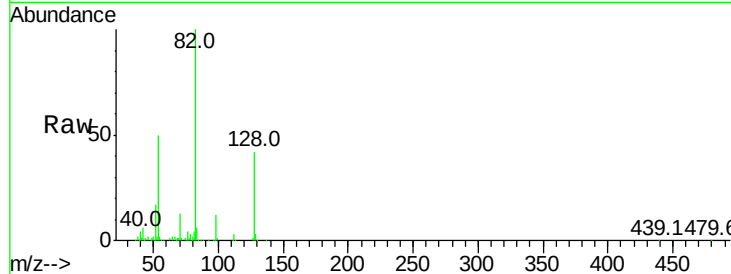




#20
 Nitrobenzene
 Concen: 0.124 ng/ul
 RT: 9.34 min Scan# 1030
 Delta R.T. -0.04 min
 Lab File: BG029199.D
 Acq: 13 Oct 2017 20:10

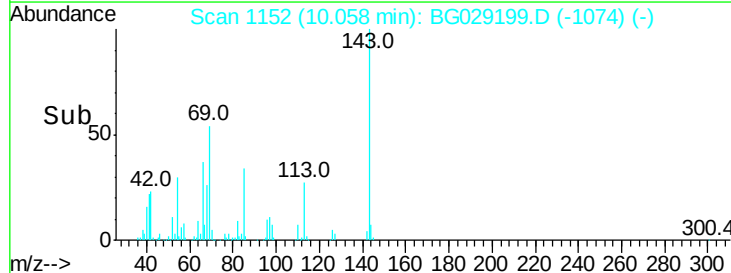
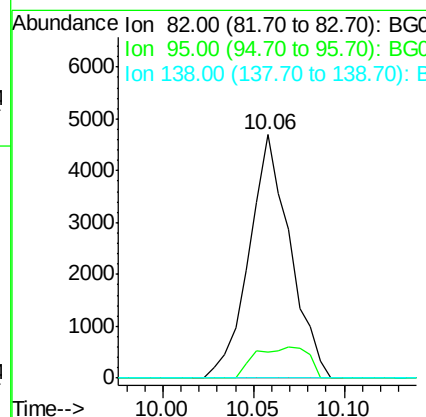
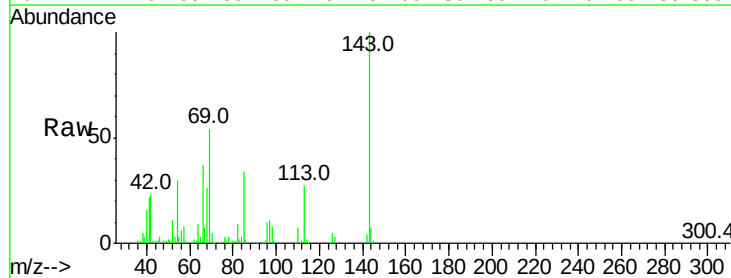
Instrument :
 BNA_G
 ClientSampleId :

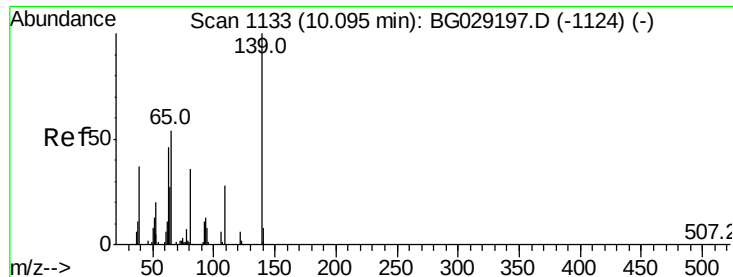
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	28.6	43.0#
65	0.0	11.2	16.8#



#21
 Isophorone
 Concen: 0.535 ng/ul
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.16 min
 Lab File: BG029199.D
 Acq: 13 Oct 2017 20:10

Tgt Ion	Ratio	Lower	Upper
82	100		
95	10.5	6.5	9.7#
138	0.0	13.3	19.9#





#23

2-Nitrophenol

Concen: 0.024 ng/ul

RT: 10.29 min Scan# 1191

Delta R.T. 0.19 min

Lab File: BG029199.D

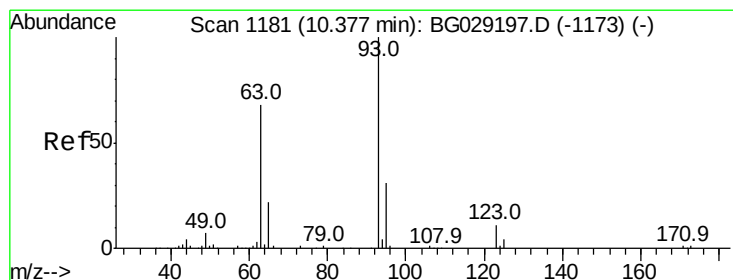
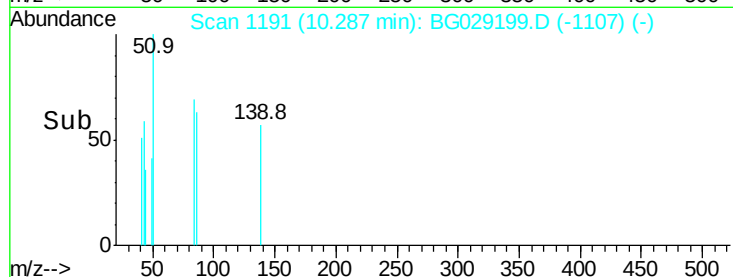
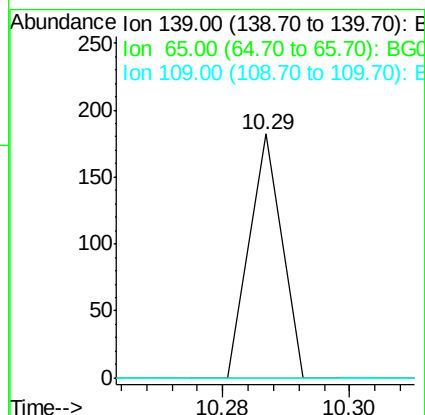
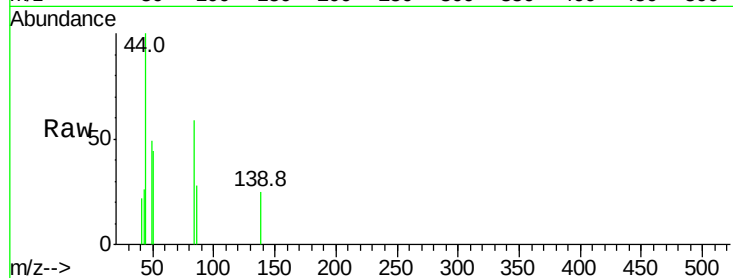
Acq: 13 Oct 2017 20:10

Instrument :

BNA_G

ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
65	0.0	55.0	82.6#
109	0.0	31.2	46.8#



#25

Bis(2-Chloroethoxy)methane

Concen: 0.007 ng/ul

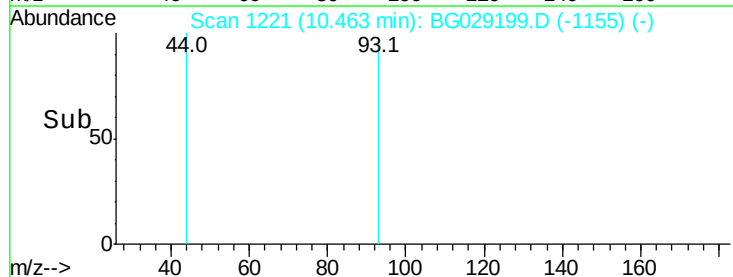
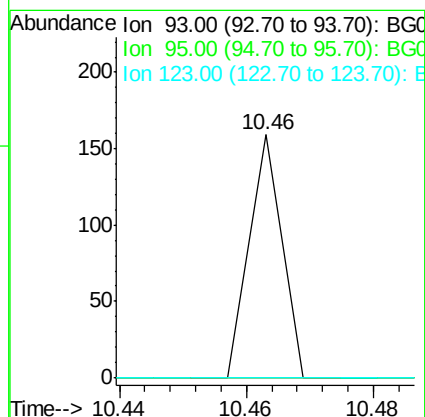
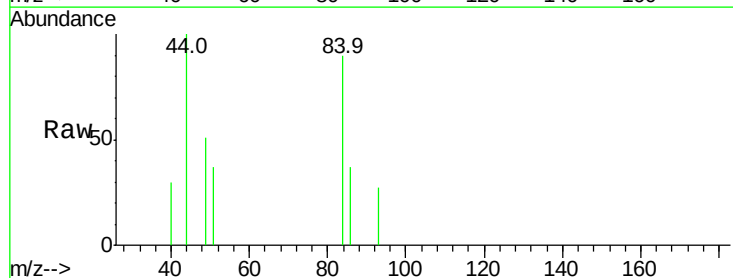
RT: 10.46 min Scan# 1221

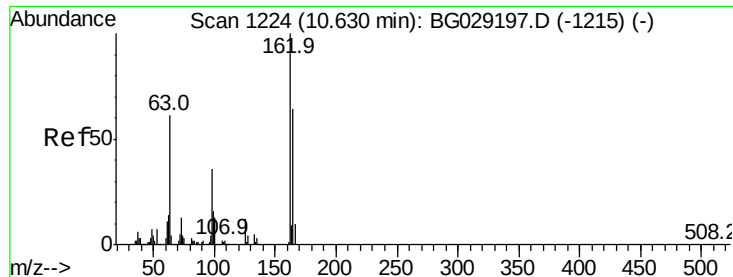
Delta R.T. 0.09 min

Lab File: BG029199.D

Acq: 13 Oct 2017 20:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	0.0	24.7	37.1#
123	0.0	7.5	11.3#





#27

2,4-Dichlorophenol

Concen: 0.013 ng/ul

RT: 10.62 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BG029199.D

Acq: 13 Oct 2017 20:10

Instrument :

BNA_G

ClientSampleId :

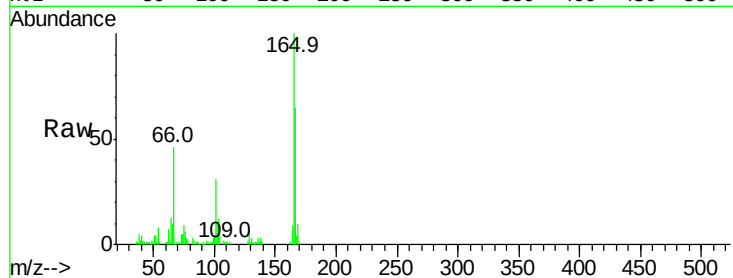
Tot Ion:162 Resp: 68

Ion Ratio Lower Upper

162 100

164 1637.1 49.7 74.5#

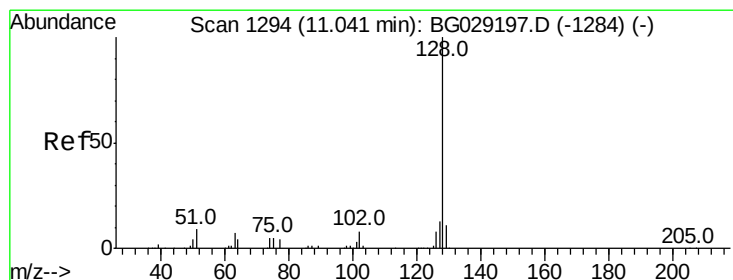
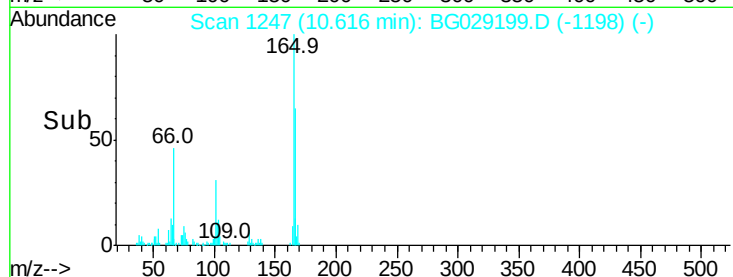
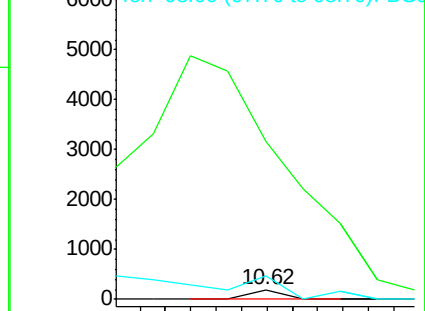
98 238.7 26.6 40.0#



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: 0.003 ng/ul

RT: 11.06 min Scan# 1323

Delta R.T. 0.02 min

Lab File: BG029199.D

Acq: 13 Oct 2017 20:10

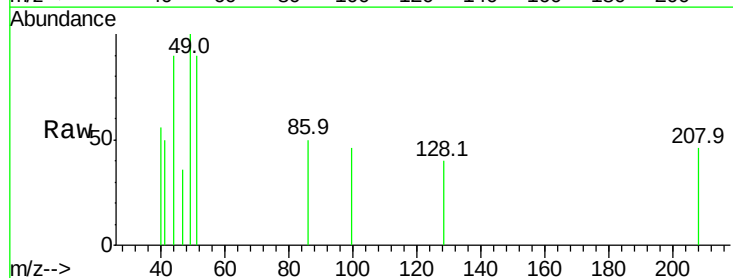
Tgt Ion:128 Resp: 61

Ion Ratio Lower Upper

128 100

129 0.0 9.3 13.9#

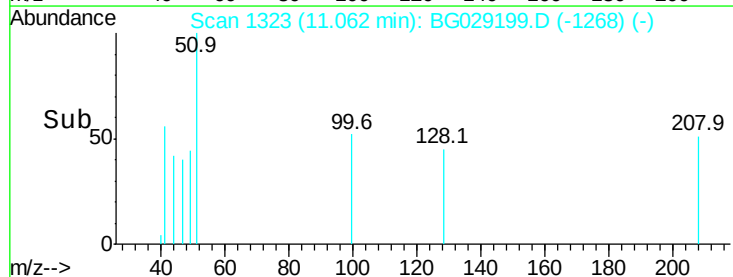
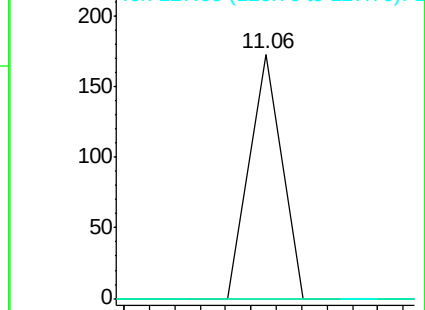
127 0.0 10.7 16.1#

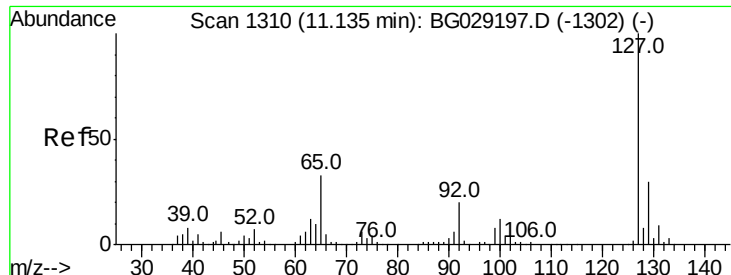


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

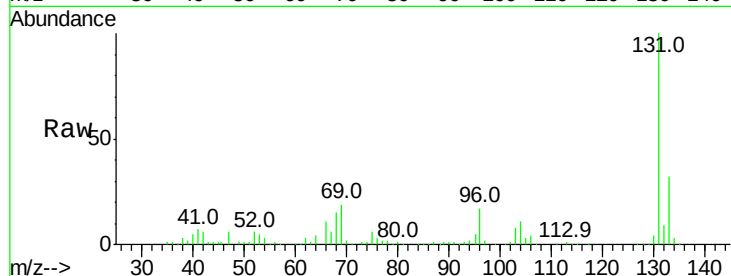




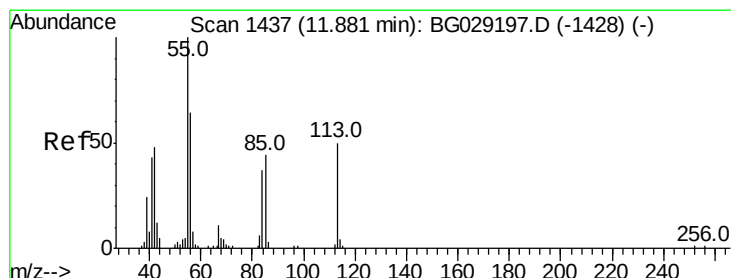
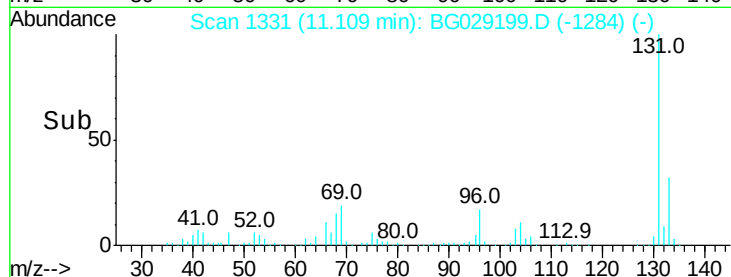
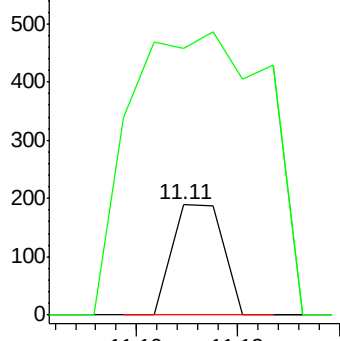
#30
4-Chloroaniline
Concen: 0.021 ng/ul
RT: 11.11 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG029199.D
Acq: 13 Oct 2017 20:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 133
Ion Ratio Lower Upper
127 100
129 241.8 23.9 35.9#

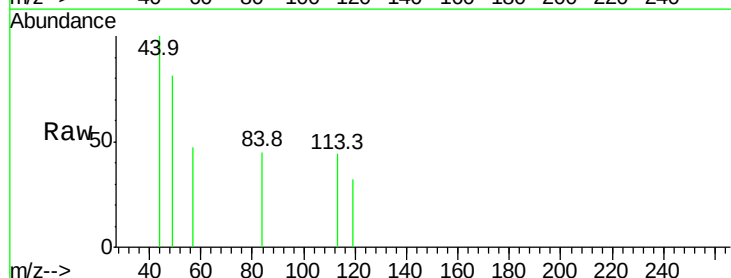


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

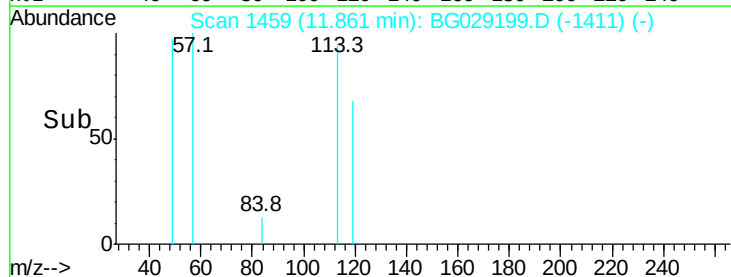
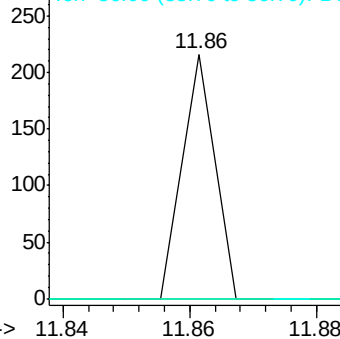


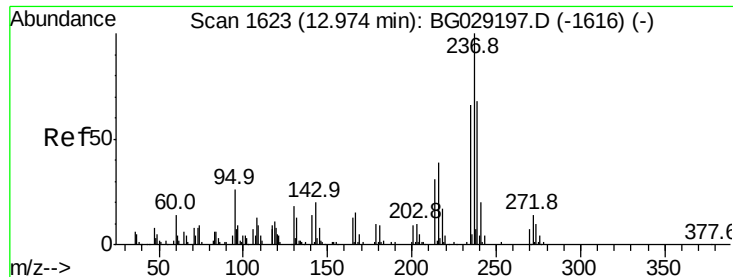
#32
Caprolactam
Concen: 0.033 ng/ul
RT: 11.86 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BG029199.D
Acq: 13 Oct 2017 20:10

Tgt Ion:113 Resp: 76
Ion Ratio Lower Upper
113 100
55 0.0 146.5 219.7#
56 0.0 107.6 161.4#



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





#37

Hexachlorocyclopentadiene

Concen: 0.018 ng/ul

RT: 12.89 min Scan# 1634

Delta R.T. -0.08 min

Lab File: BG029199.D

Acq: 13 Oct 2017 20:10

Instrument :

BNA_G

ClientSampleId :

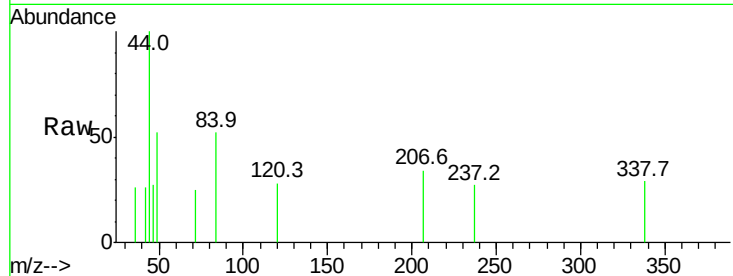
Tot Ion:237 Resp: 60

Ion Ratio Lower Upper

237 100

235 0.0 51.9 77.9#

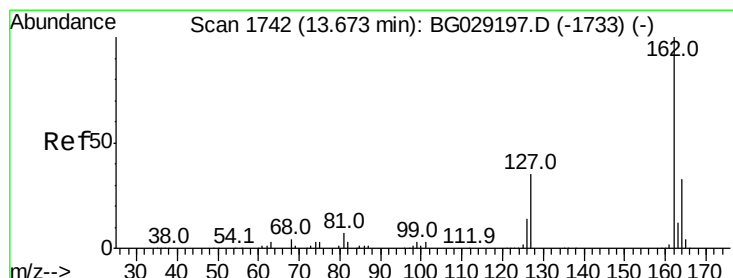
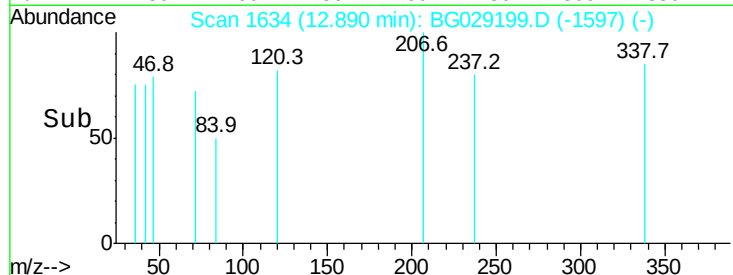
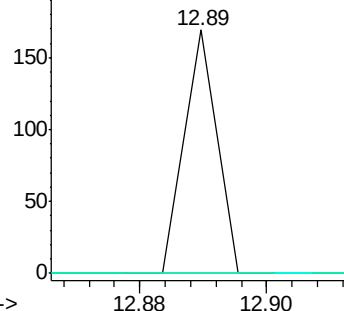
272 0.0 9.8 14.6#



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#41

2-Chloronaphthalene

Concen: 0.005 ng/ul

RT: 13.53 min Scan# 1743

Delta R.T. -0.14 min

Lab File: BG029199.D

Acq: 13 Oct 2017 20:10

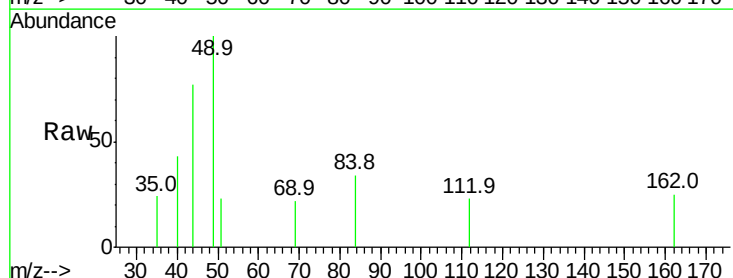
Tgt Ion:162 Resp: 61

Ion Ratio Lower Upper

162 100

164 0.0 25.0 37.6#

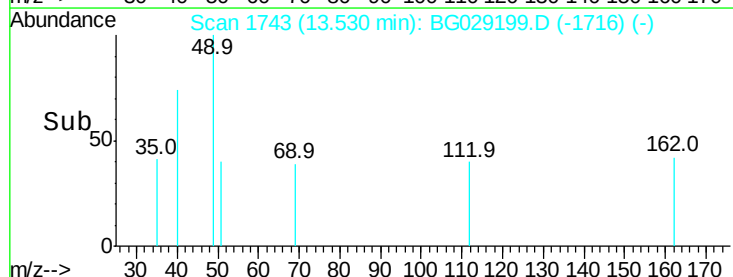
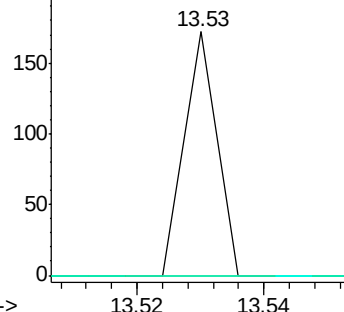
127 0.0 30.6 46.0#

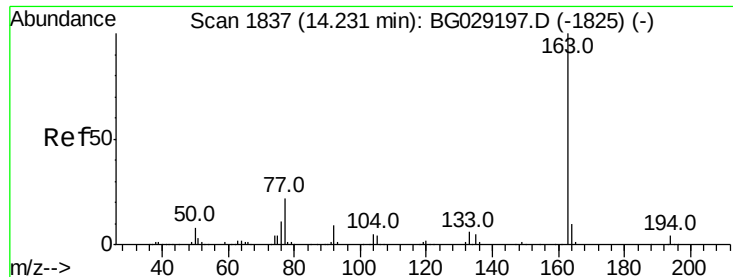


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E





#44

Dimethylphthalate

Concen: 0.055 ng/ul

RT: 14.18 min Scan# 1854

Delta R.T. -0.05 min

Lab File: BG029199.D

Acq: 13 Oct 2017 20:10

Instrument :

BNA_G

ClientSampleId :

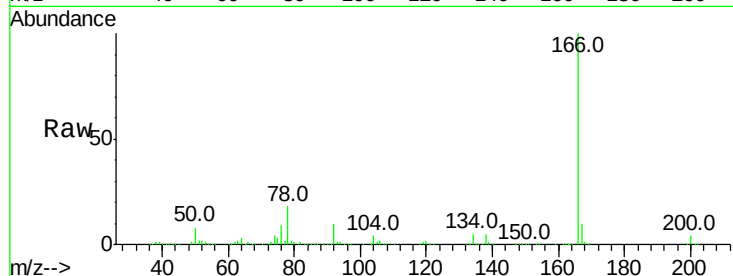
Tot Ion:163 Resp: 957

Ion Ratio Lower Upper

163 100

194 0.0 3.5 5.3#

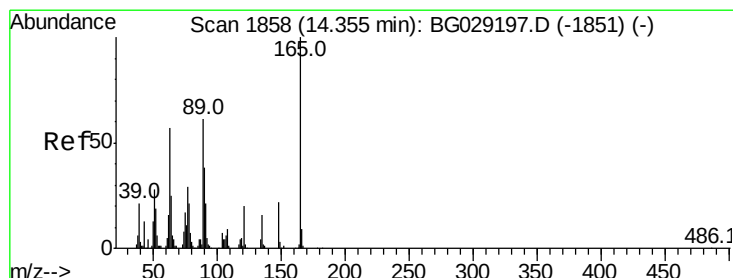
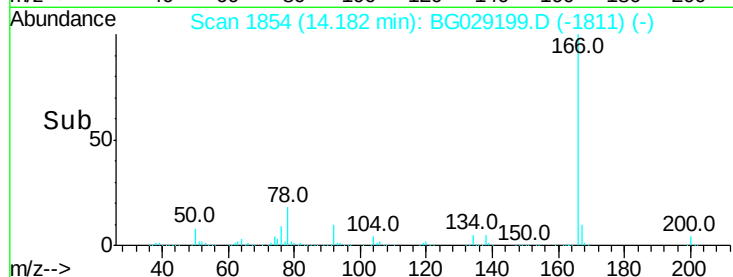
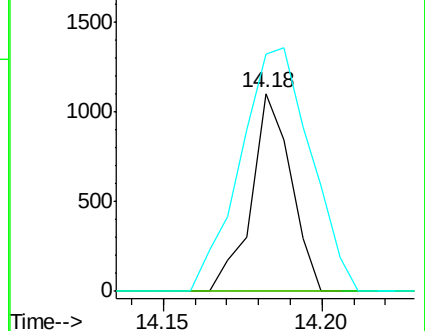
164 119.9 7.6 11.4#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 0.724 ng/ul

RT: 14.19 min Scan# 1856

Delta R.T. -0.16 min

Lab File: BG029199.D

Acq: 13 Oct 2017 20:10

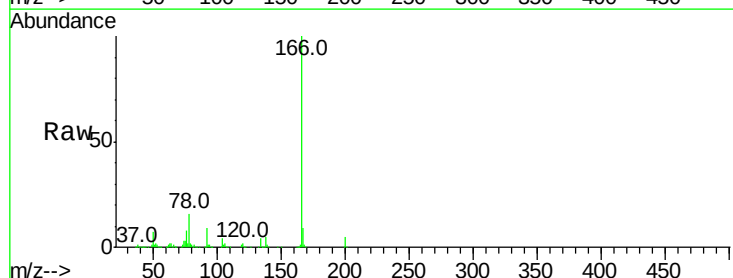
Tgt Ion:165 Resp: 2195

Ion Ratio Lower Upper

165 100

89 0.0 51.1 76.7#

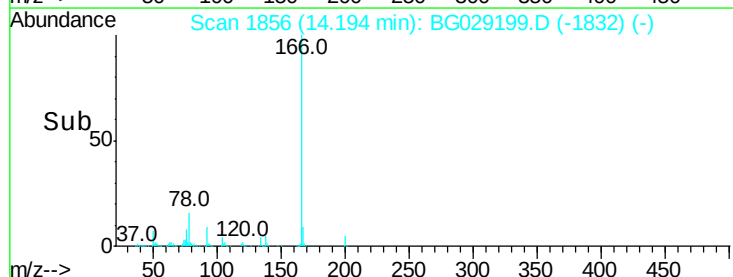
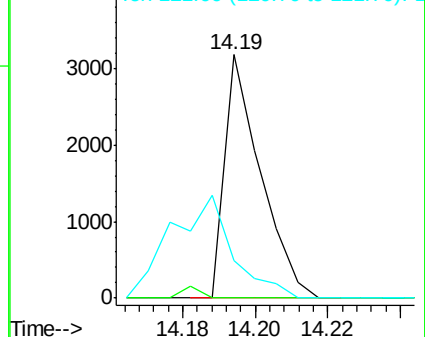
121 15.7 17.2 25.8#

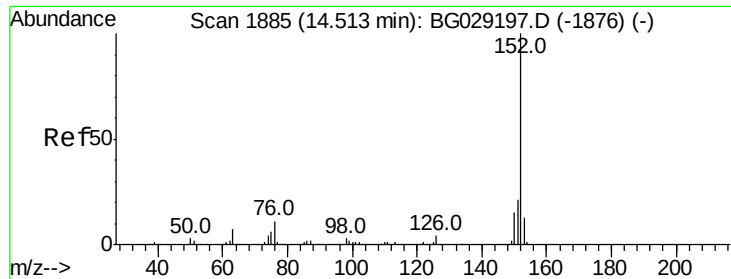


Abundance Ion 165.00 (164.70 to 165.70): E

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: 14.51 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BG029199.D

Acq: 13 Oct 2017 20:10

Instrument :

BNA_G

ClientSampleId :

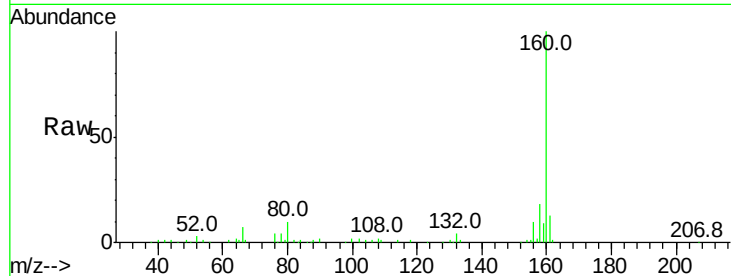
Tot Ion:152 Resp: 58

Ion Ratio Lower Upper

152 100

151 0.0 15.2 22.8#

153 0.0 10.2 15.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

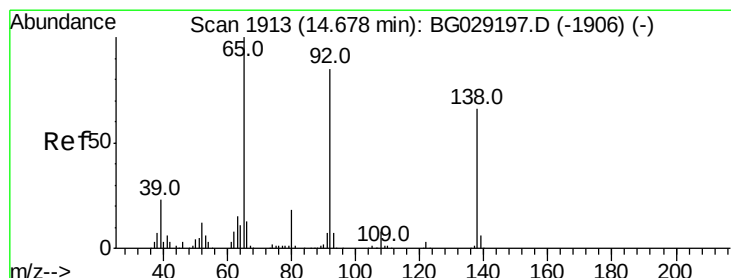
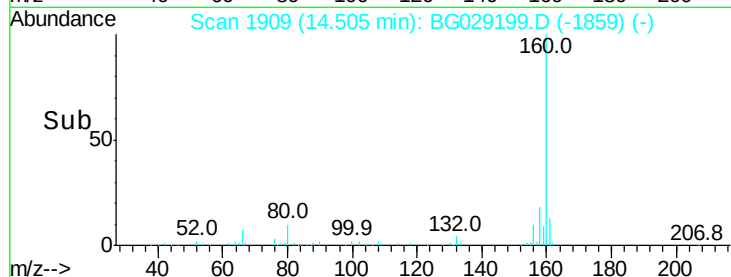
Ion 153.00 (152.70 to 153.70): E

14.51

14.50

14.52

Time-->



#48

3-Nitroaniline

Concen: 0.054 ng/ul

RT: 14.49 min Scan# 1907

Delta R.T. -0.18 min

Lab File: BG029199.D

Acq: 13 Oct 2017 20:10

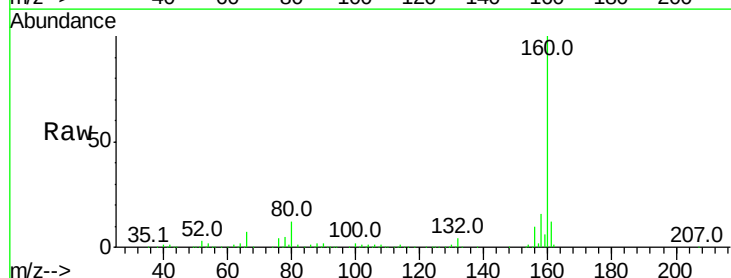
Tgt Ion:138 Resp: 176

Ion Ratio Lower Upper

138 100

108 969.5 10.5 15.7#

92 89.0 107.8 161.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

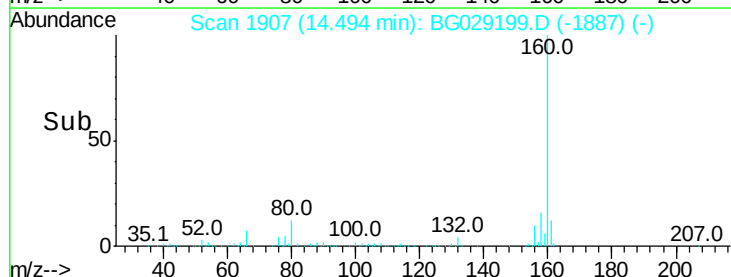
Ion 92.00 (91.70 to 92.70): BGC

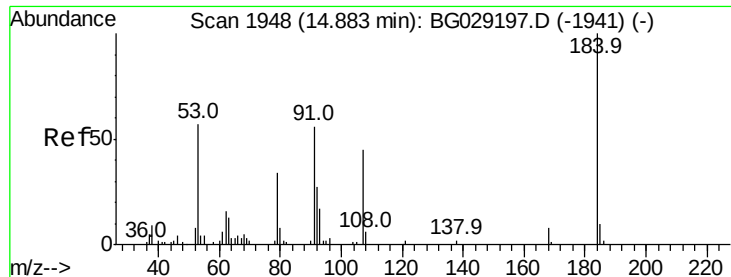
14.49

14.48

14.50

Time-->

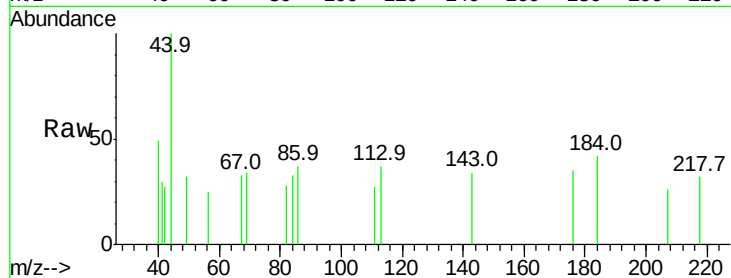




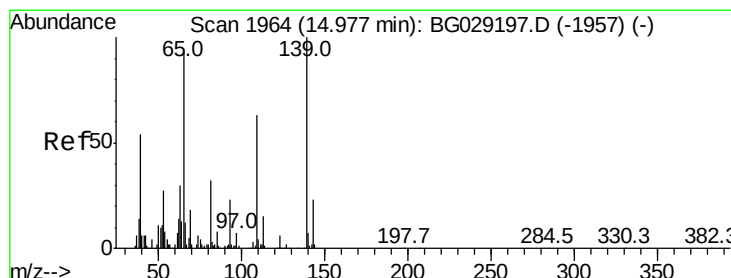
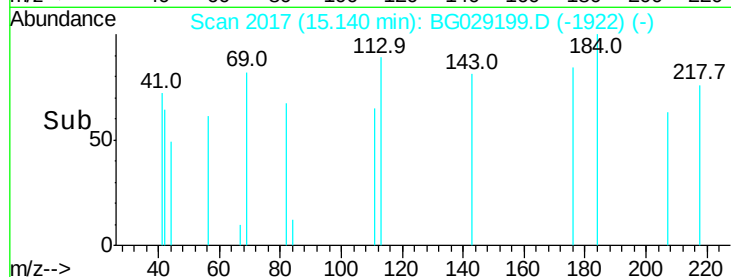
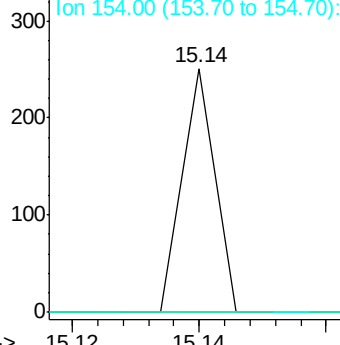
#50
2,4-Dinitrophenol
Concen: 0.054 ng/ul
RT: 15.14 min Scan# 2017
Delta R.T. 0.26 min
Lab File: BG029199.D
Acq: 13 Oct 2017 20:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 88
Ion Ratio Lower Upper
184 100
63 0.0 58.6 87.8#
154 0.0 55.8 83.6#

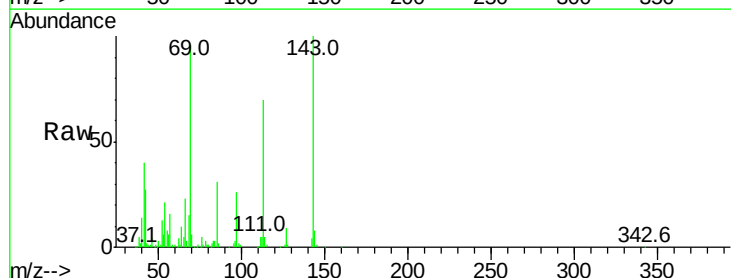


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

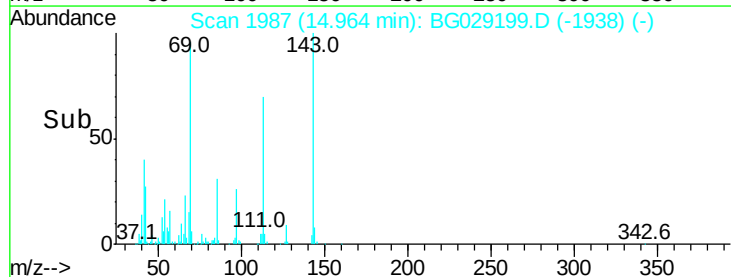
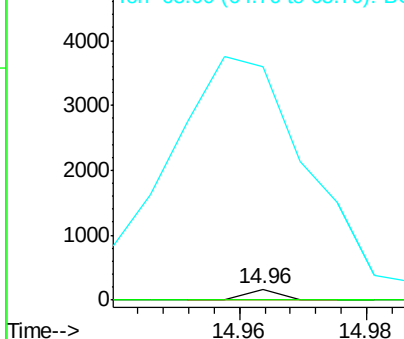


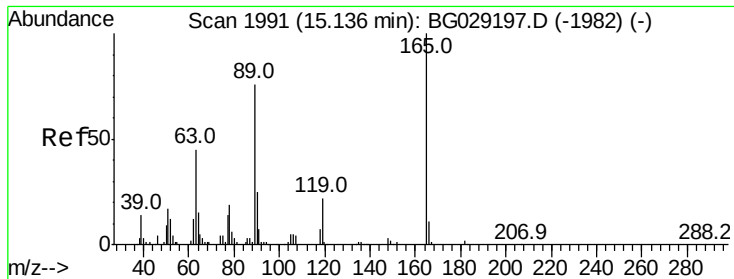
#52
4-Nitrophenol
Concen: 0.023 ng/ul
RT: 14.96 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG029199.D
Acq: 13 Oct 2017 20:10

Tgt Ion:109 Resp: 58
Ion Ratio Lower Upper
109 100
139 0.0 89.5 134.3#
65 2196.3 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): BG





#54

2,4-Dinitrotoluene

Concen: 0.012 ng/ul

RT: 15.26 min Scan# 2038

Delta R.T. 0.13 min

Lab File: BG029199.D

Acq: 13 Oct 2017 20:10

Instrument :

BNA_G

ClientSampleId :

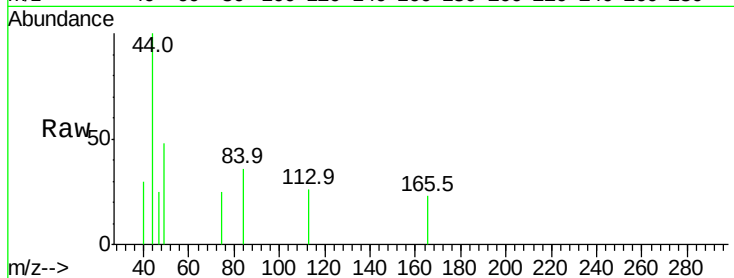
Tot Ion:165 Resp: 54

Ion Ratio Lower Upper

165 100

63 0.0 38.2 57.4#

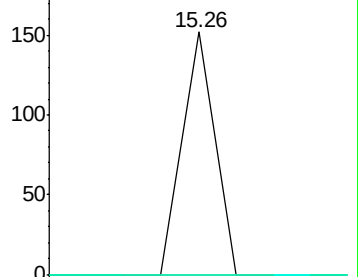
182 0.0 2.3 3.5#



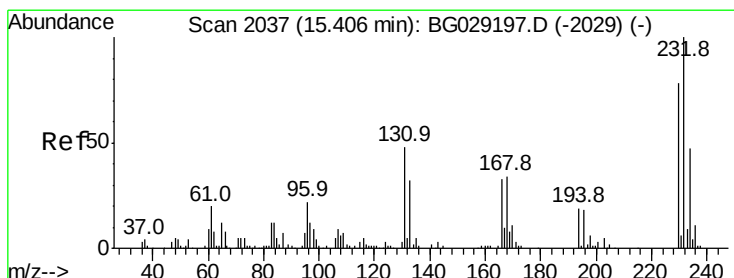
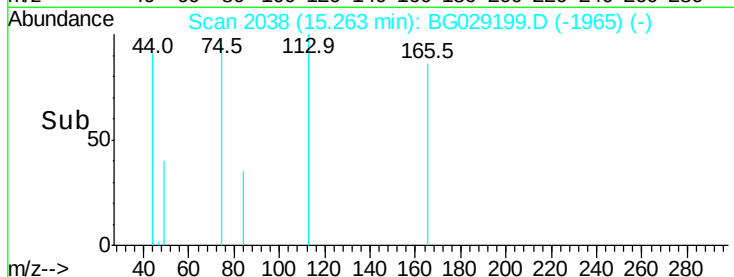
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E



Time--> 15.24 15.26 15.28



#55

2,3,4,6-Tetrachlorophenol

Concen: 0.017 ng/ul

RT: 15.39 min Scan# 2059

Delta R.T. -0.02 min

Lab File: BG029199.D

Acq: 13 Oct 2017 20:10

Tgt Ion:232 Resp: 69

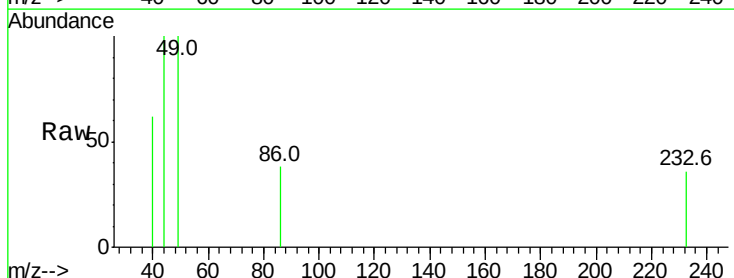
Ion Ratio Lower Upper

232 100

131 0.0 33.8 50.8#

130 0.0 1.5 2.3#

166 0.0 27.1 40.7#

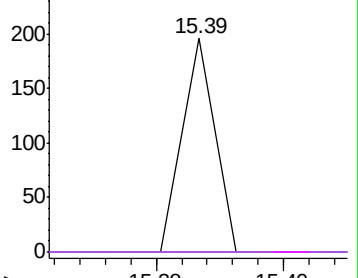


Abundance Ion 232.00 (231.70 to 232.70): E

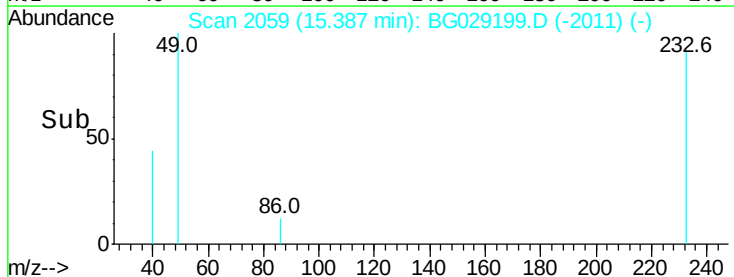
Ion 131.00 (130.70 to 131.70): E

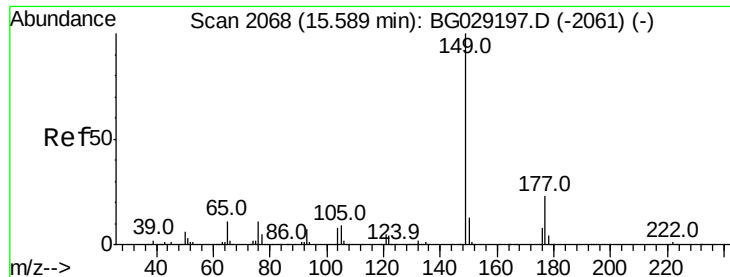
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time--> 15.38 15.40

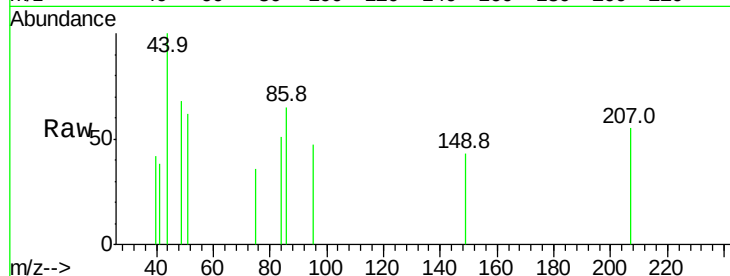




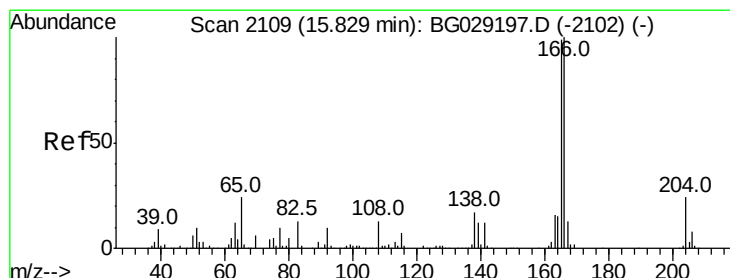
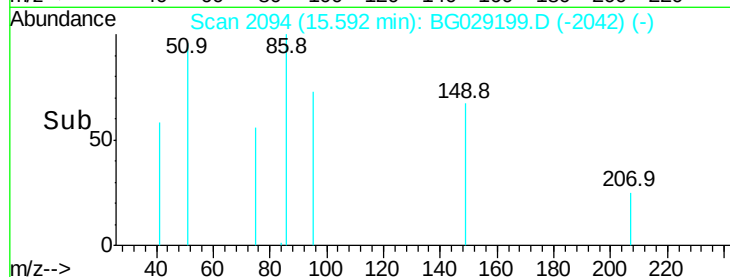
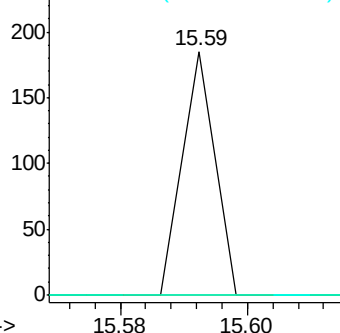
#56
Diethylphthalate
Concen: 0.004 ng/ul
RT: 15.59 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BG029199.D
Acq: 13 Oct 2017 20:10

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 65
Ion Ratio Lower Upper
149 100
177 0.0 17.8 26.6#
150 0.0 9.8 14.8#

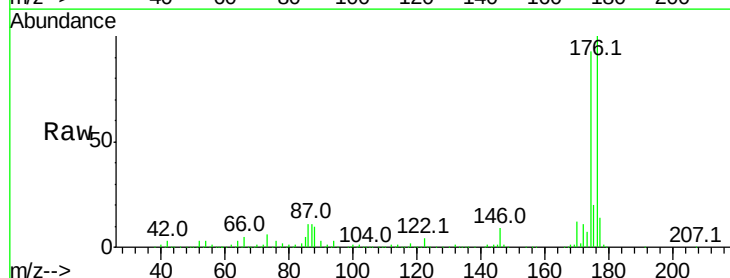


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

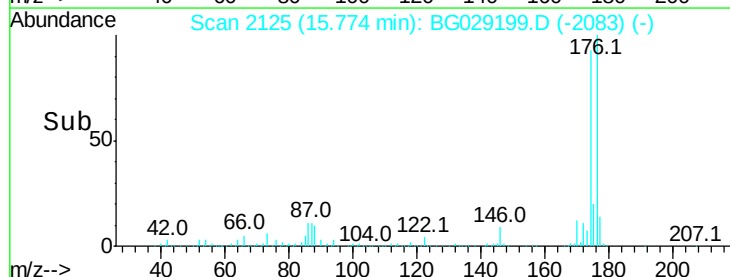
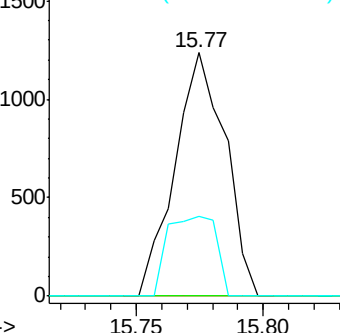


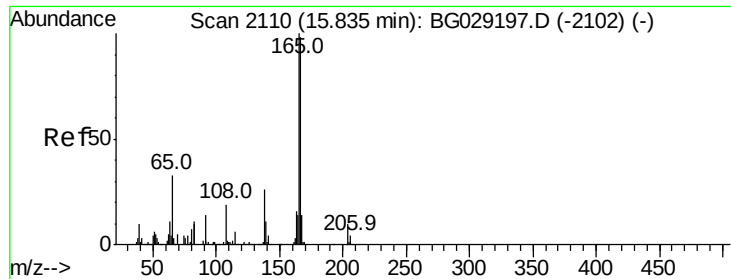
#58
Fluorene
Concen: 0.104 ng/ul
RT: 15.77 min Scan# 2125
Delta R.T. -0.05 min
Lab File: BG029199.D
Acq: 13 Oct 2017 20:10

Tgt Ion:166 Resp: 1714
Ion Ratio Lower Upper
166 100
165 0.0 79.9 119.9#
167 32.8 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

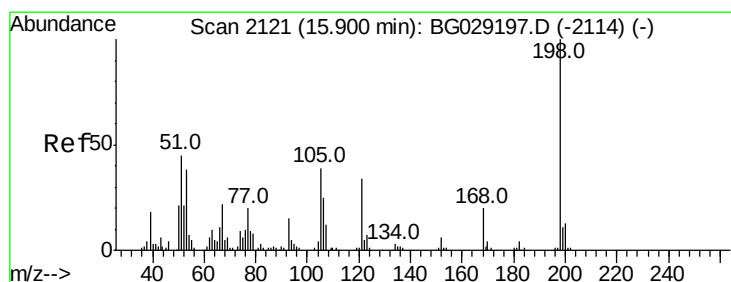
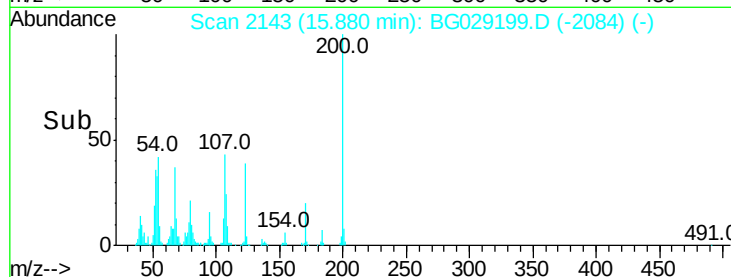
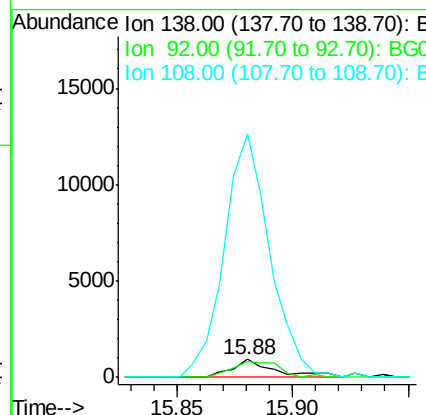
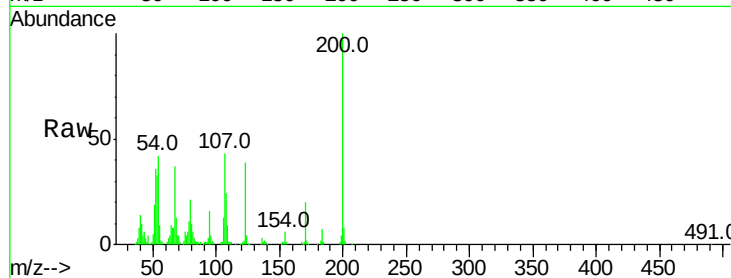




#60
4-Nitroaniline
Concen: 0.303 ng/ul
RT: 15.88 min Scan# 2143
Delta R.T. 0.04 min
Lab File: BG029199.D
Acq: 13 Oct 2017 20:10

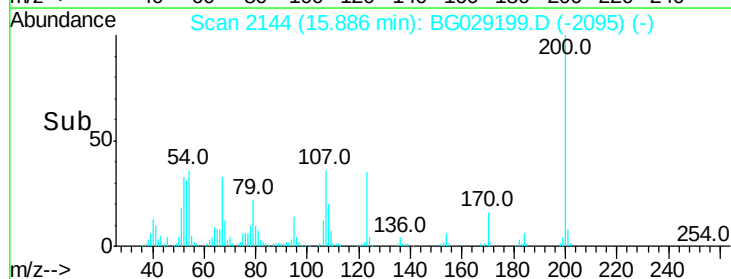
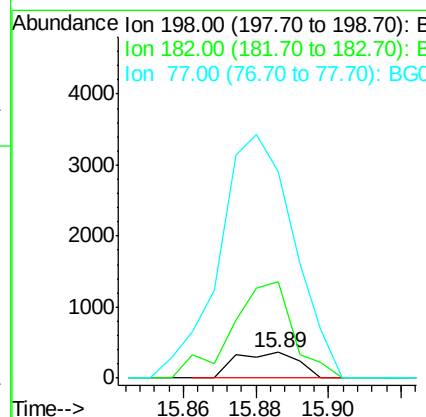
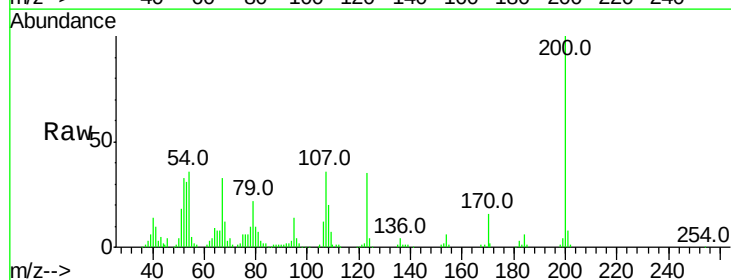
Instrument :
BNA_G
ClientSampleId :

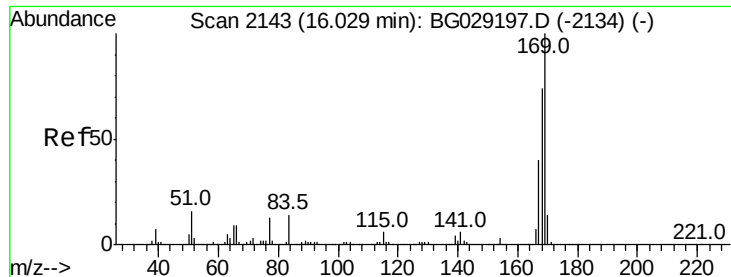
Tot Ion:138 Resp: 1224
Ion Ratio Lower Upper
138 100
92 83.1 44.2 66.2#
108 1331.5 63.7 95.5#



#63
4,6-Dinitro-2-methylphenol
Concen: 0.165 ng/ul
RT: 15.89 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG029199.D
Acq: 13 Oct 2017 20:10

Tgt Ion:198 Resp: 434
Ion Ratio Lower Upper
198 100
182 376.9 4.6 5.0#
77 812.0 25.9 39.7#



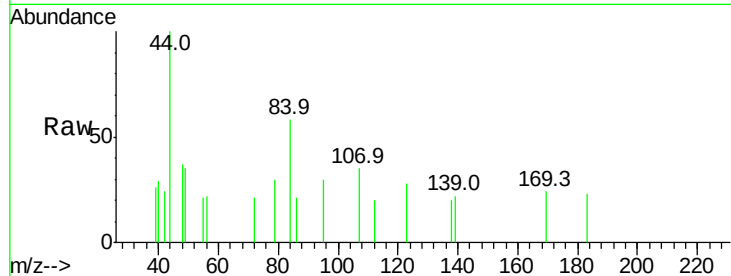


#64

N-Nitrosodiphenylamine
Concen: 0.004 ng/ul
RT: 15.94 min Scan# 2153
Delta R.T. -0.09 min
Lab File: BG029199.D
Acq: 13 Oct 2017 20:10

Instrument :
BNA_G
ClientSampled :

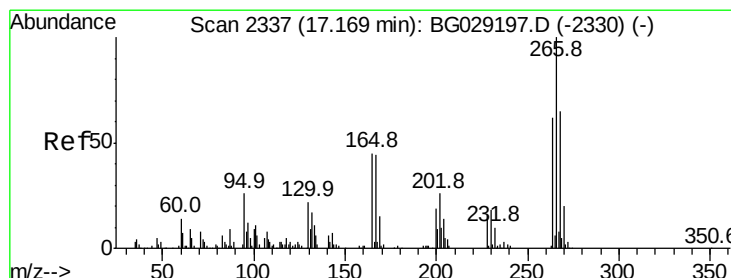
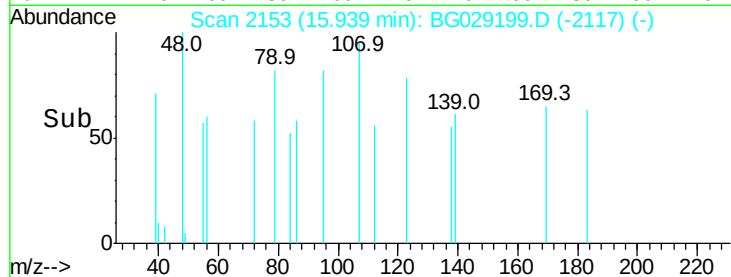
Tot Ion:169 Resp: 63
Ion Ratio Lower Upper
169 100
168 0.0 54.1 81.1#
167 0.0 30.0 45.0#



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

15.94

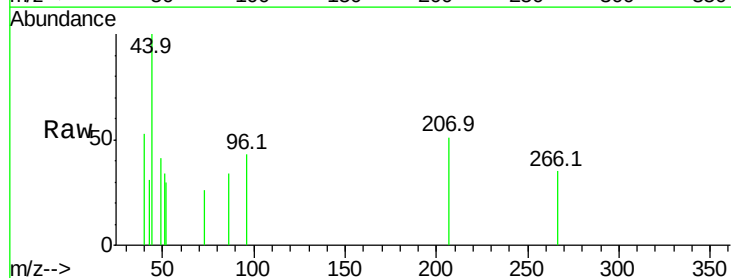
Time--> 15.92 15.94



#68

Pentachlorophenol
Concen: 0.023 ng/ul
RT: 17.26 min Scan# 2378
Delta R.T. 0.09 min
Lab File: BG029199.D
Acq: 13 Oct 2017 20:10

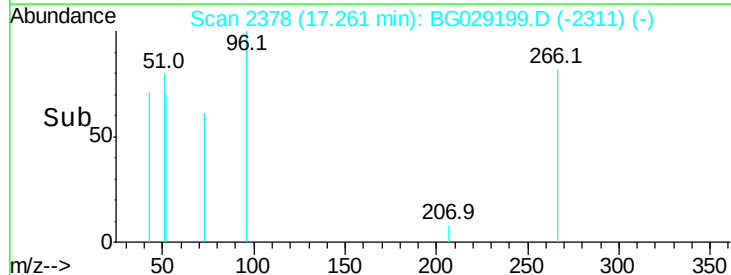
Tgt Ion:266 Resp: 72
Ion Ratio Lower Upper
266 100
264 0.0 54.4 81.6#
268 0.0 53.4 80.2#

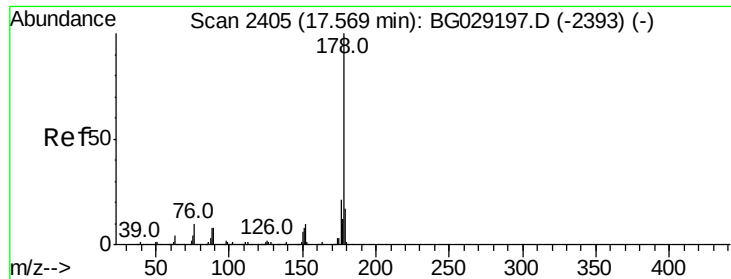


Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E

17.26

Time--> 17.24 17.26 17.28





#69

Phenanthrene

Concen: 0.004 ng/ul

RT: 17.53 min Scan# 2424

Delta R.T. -0.04 min

Lab File: BG029199.D

Acq: 13 Oct 2017 20:10

Instrument :

BNA_G

ClientSampled :

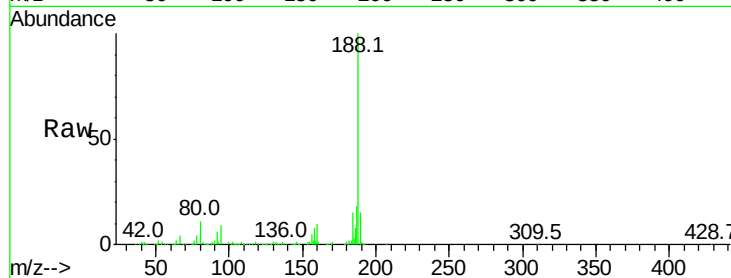
Tot Ion:178 Resp: 119

Ion Ratio Lower Upper

178 100

179 122.3 13.0 19.6#

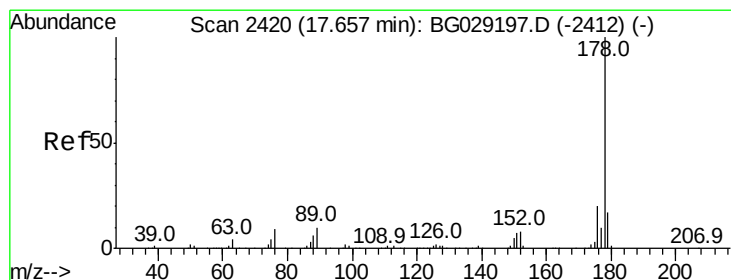
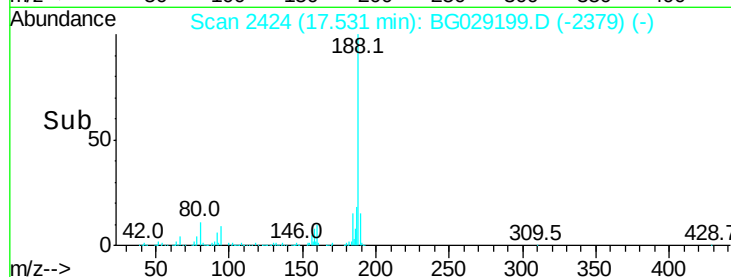
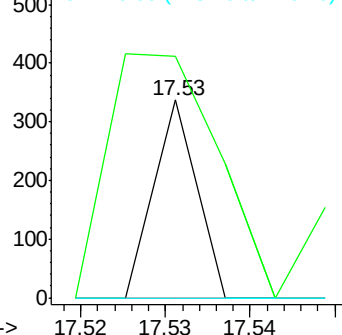
176 0.0 15.3 22.9#



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



#71

Anthracene

Concen: 0.010 ng/ul

RT: 17.63 min Scan# 2441

Delta R.T. -0.03 min

Lab File: BG029199.D

Acq: 13 Oct 2017 20:10

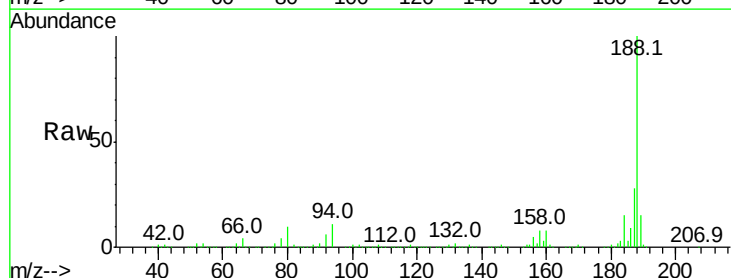
Tgt Ion:178 Resp: 285

Ion Ratio Lower Upper

178 100

179 203.8 13.2 19.8#

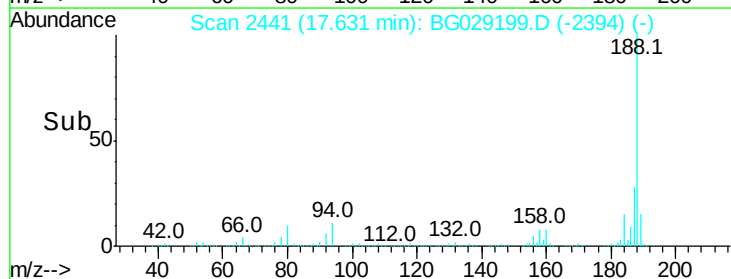
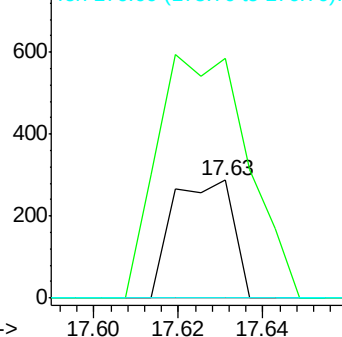
176 0.0 16.0 24.0#

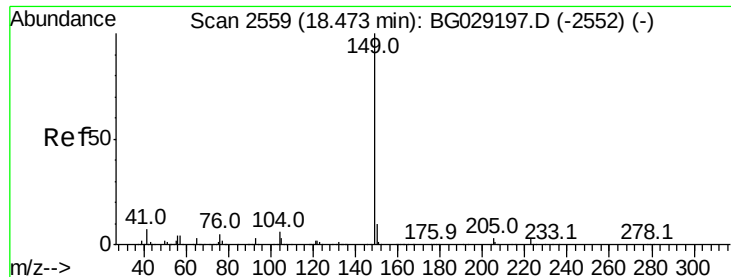


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#73

Di-n-butylphthalate

Concen: 0.007 ng/ul

RT: 18.47 min Scan# 2584

Delta R.T. -0.00 min

Lab File: BG029199.D

Acq: 13 Oct 2017 20:10

Instrument :

BNA_G

ClientSampled :

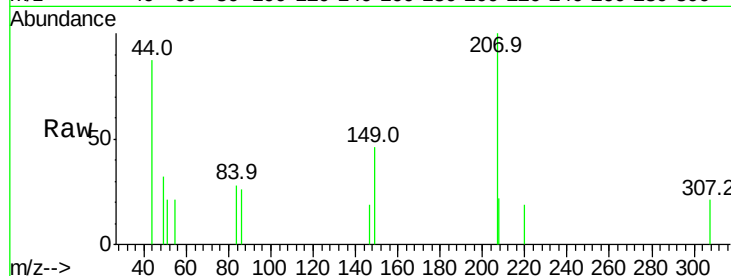
Tot Ion:149 Resp: 216

Ion Ratio Lower Upper

149 100

150 0.0 7.5 11.3#

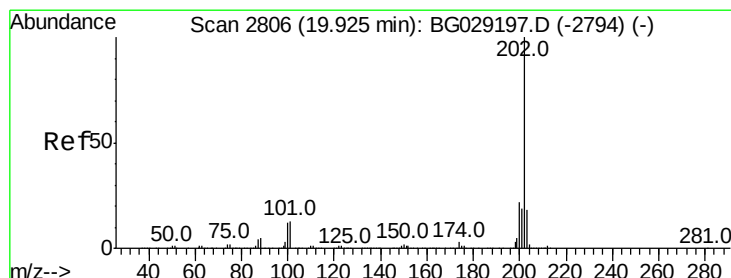
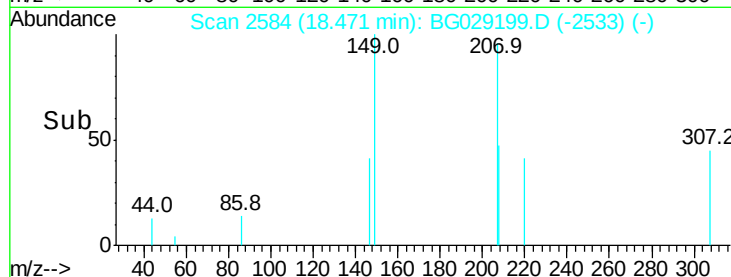
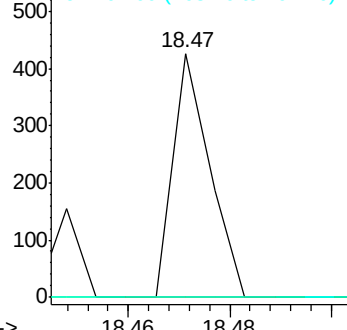
104 0.0 4.6 7.0#



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



#77

Pyrene

Concen: 0.044 ng/ul

RT: 19.90 min Scan# 2827

Delta R.T. -0.03 min

Lab File: BG029199.D

Acq: 13 Oct 2017 20:10

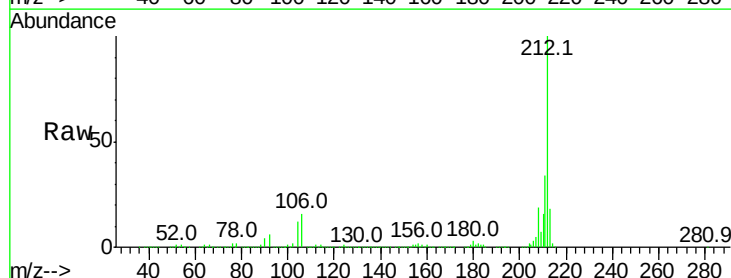
Tgt Ion:202 Resp: 1536

Ion Ratio Lower Upper

202 100

101 158.6 8.4 12.6#

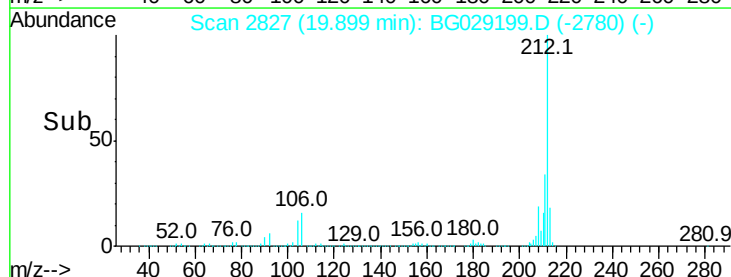
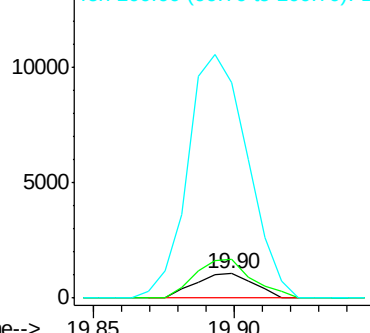
100 879.1 7.0 10.6#

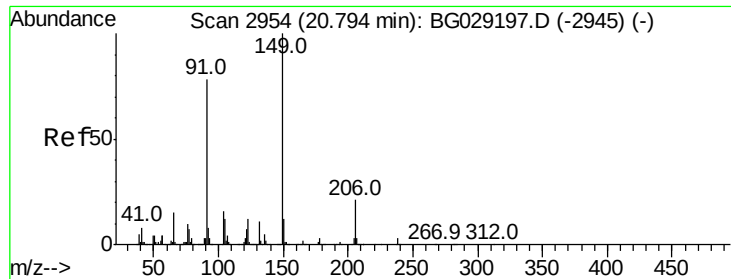


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#78

Butylbenzylphthalate

Concen: 0.007 ng/ul

RT: 20.79 min Scan# 2979

Delta R.T. -0.00 min

Lab File: BG029199.D

Acq: 13 Oct 2017 20:10

Instrument :

BNA_G

ClientSampleId :

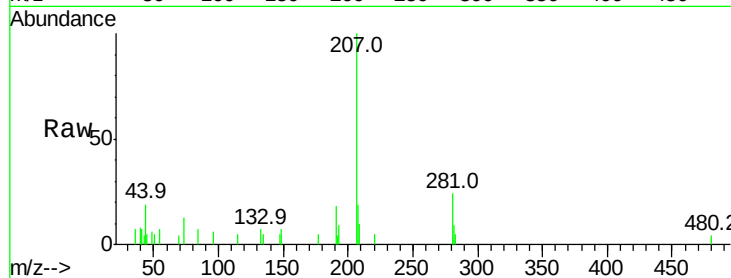
Tot Ion:149 Resp: 92

Ion Ratio Lower Upper

149 100

91 0.0 61.3 91.9#

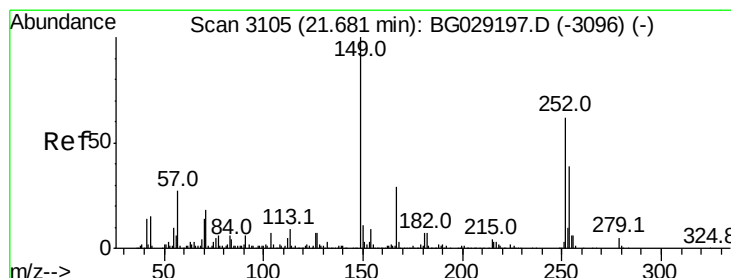
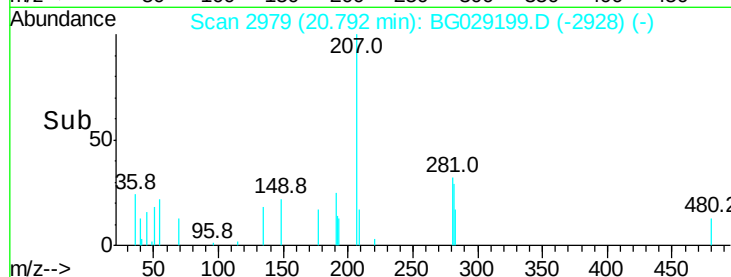
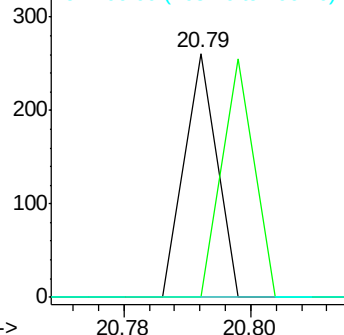
206 0.0 19.5 29.3#



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: 0.012 ng/ul

RT: 21.69 min Scan# 3131

Delta R.T. 0.00 min

Lab File: BG029199.D

Acq: 13 Oct 2017 20:10

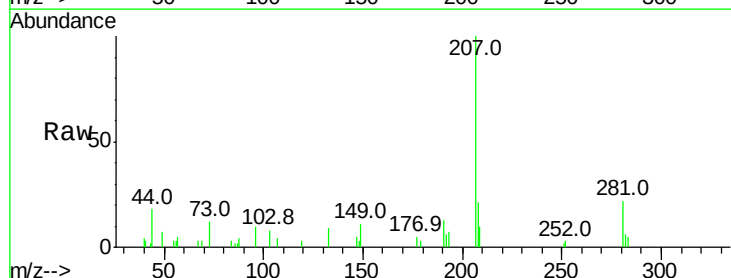
Tgt Ion:252 Resp: 115

Ion Ratio Lower Upper

252 100

254 0.0 51.4 77.2#

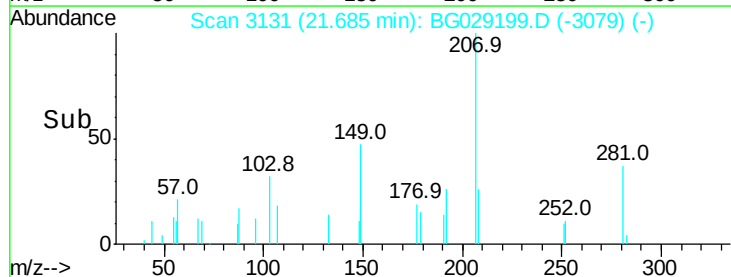
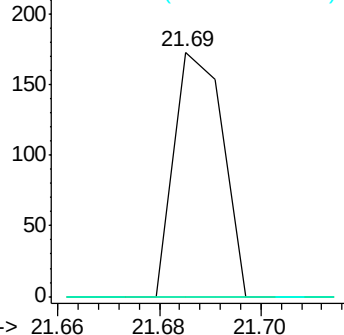
126 0.0 9.3 13.9#

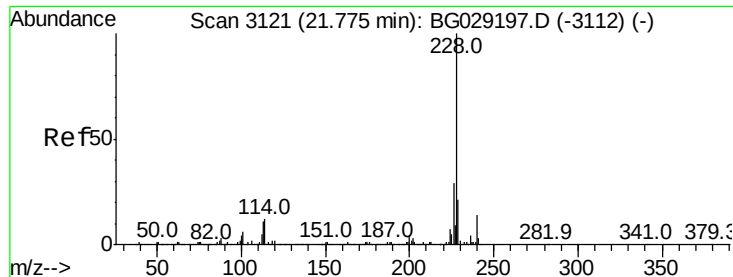


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 0.054 ng/ul

RT: 21.80 min Scan# 3150

Delta R.T. 0.02 min

Lab File: BG029199.D

Acq: 13 Oct 2017 20:10

Instrument :

BNA_G

ClientSampleId :

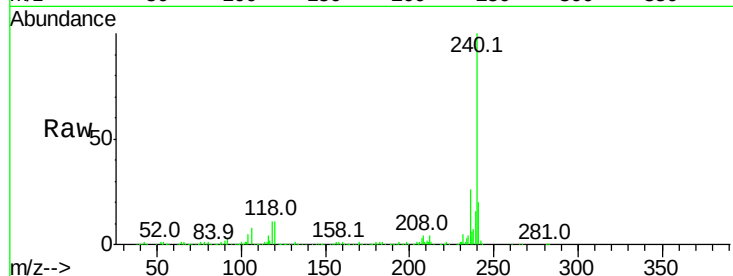
Tot Ion:228 Resp: 1768

Ion Ratio Lower Upper

228 100

229 17.6 16.2 24.4

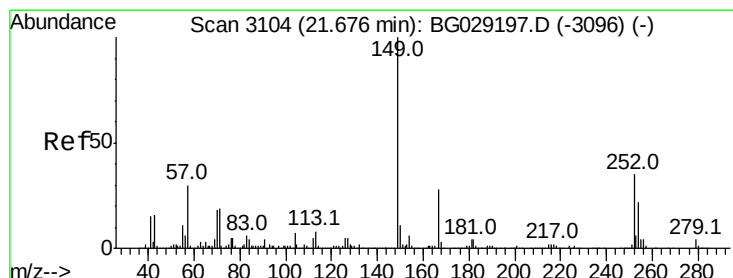
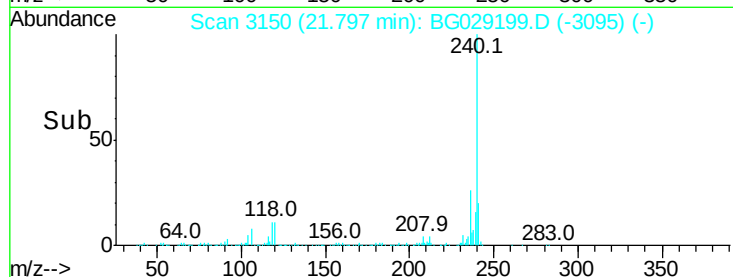
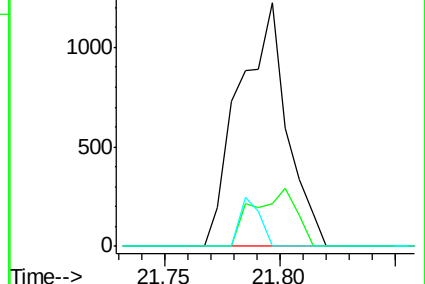
226 0.0 22.2 33.2#



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: 0.045 ng/ul

RT: 21.69 min Scan# 3131

Delta R.T. 0.01 min

Lab File: BG029199.D

Acq: 13 Oct 2017 20:10

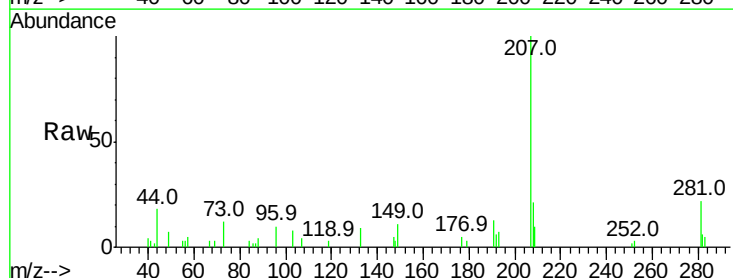
Tgt Ion:149 Resp: 911

Ion Ratio Lower Upper

149 100

167 0.0 23.2 34.8#

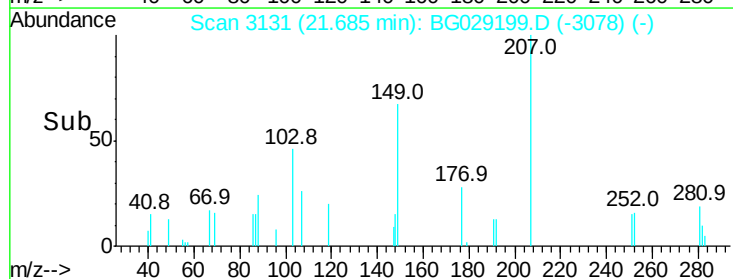
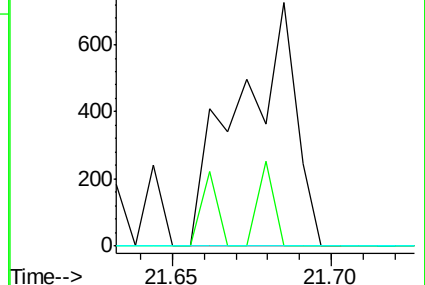
279 0.0 3.1 4.7#

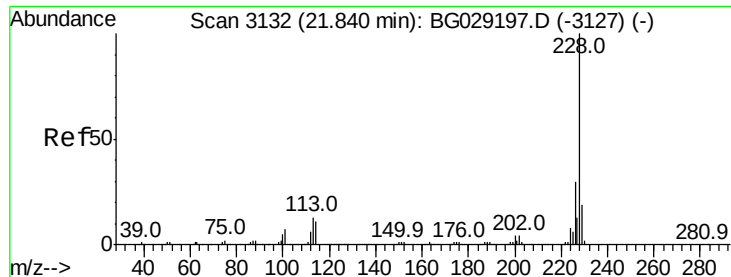


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 0.060 ng/ul

RT: 21.80 min Scan# 3150

Delta R.T. -0.04 min

Lab File: BG029199.D

Acq: 13 Oct 2017 20:10

Instrument :

BNA_G

ClientSampleId :

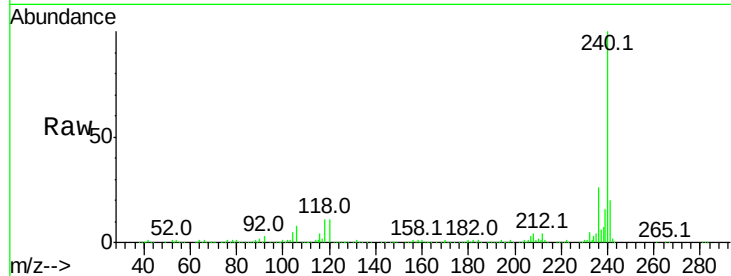
Tot Ion:228 Resp: 1768

Ion Ratio Lower Upper

228 100

226 0.0 24.2 36.2#

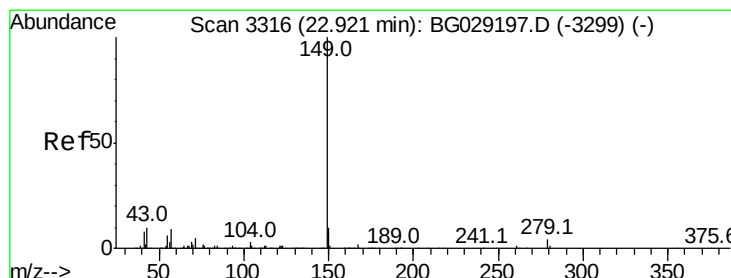
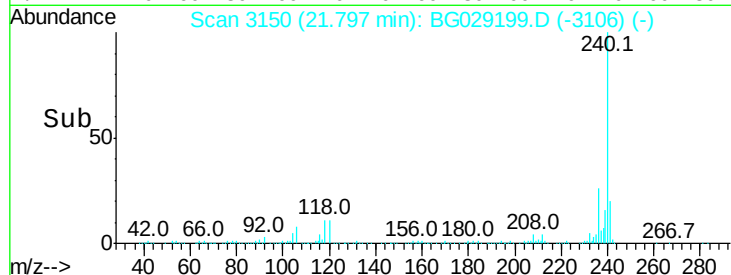
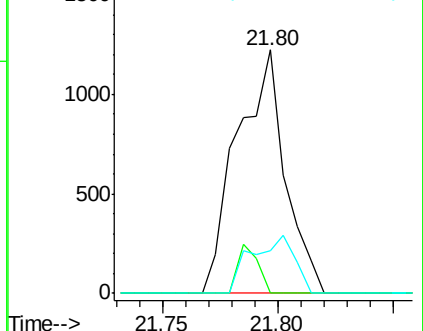
229 17.6 15.2 22.8



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: 0.004 ng/ul

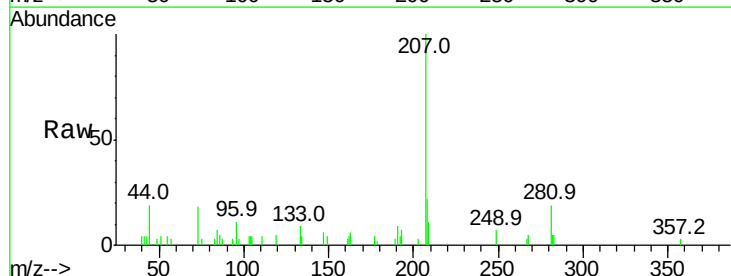
RT: 22.92 min Scan# 3341

Delta R.T. -0.00 min

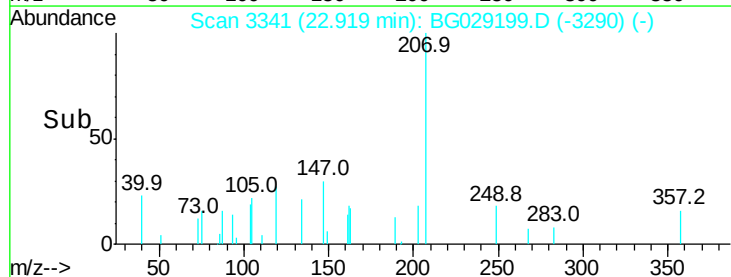
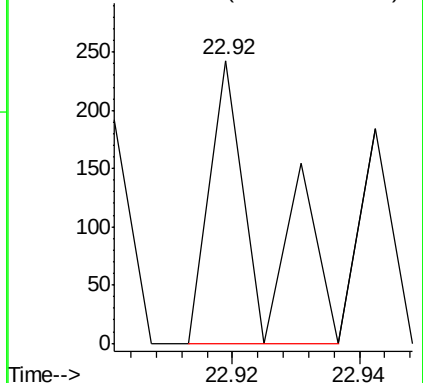
Lab File: BG029199.D

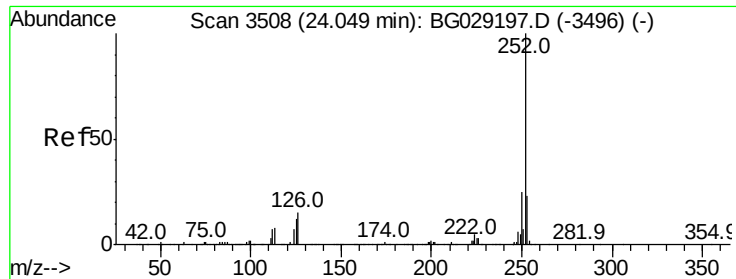
Acq: 13 Oct 2017 20:10

Tgt Ion:149 Resp: 140



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 0.002 ng/ul

RT: 24.03 min Scan# 3530

Delta R.T. -0.02 min

Lab File: BG029199.D

Acq: 13 Oct 2017 20:10

Instrument :

BNA_G

ClientSampleId :

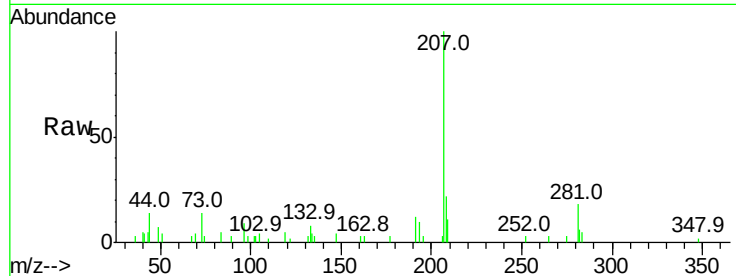
Tot Ion:252 Resp: 68

Ion Ratio Lower Upper

252 100

253 0.0 17.0 25.4#

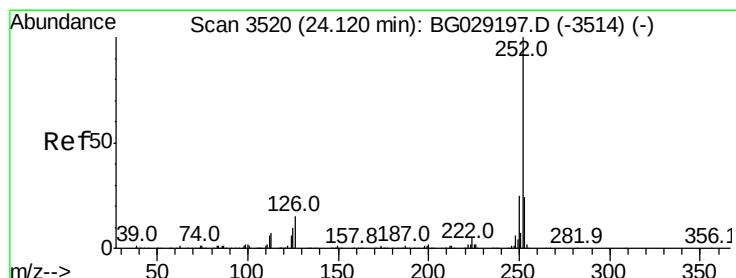
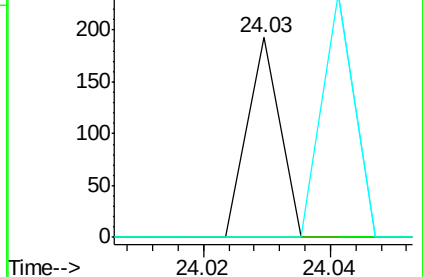
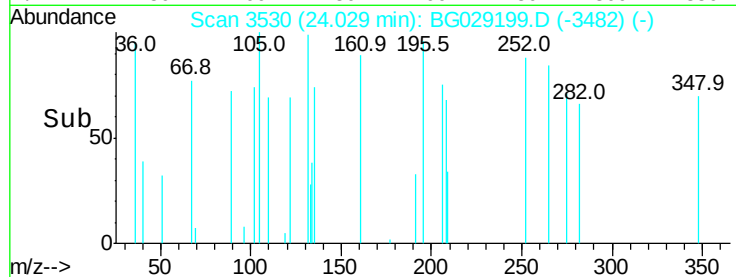
125 0.0 7.5 11.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 0.003 ng/ul

RT: 24.11 min Scan# 3544

Delta R.T. -0.01 min

Lab File: BG029199.D

Acq: 13 Oct 2017 20:10

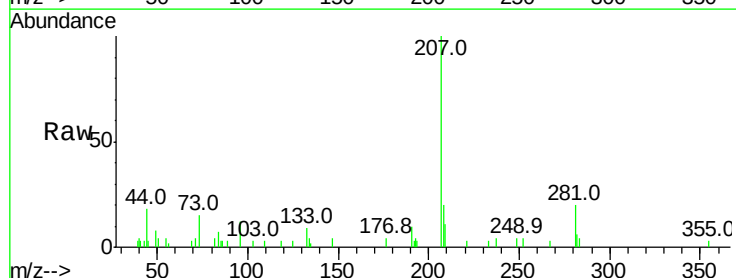
Tgt Ion:252 Resp: 84

Ion Ratio Lower Upper

252 100

253 0.0 17.2 25.8#

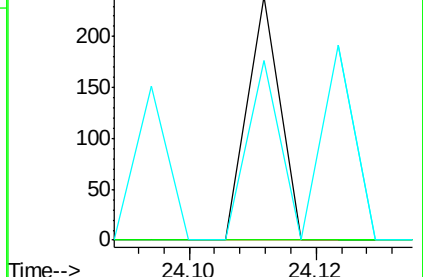
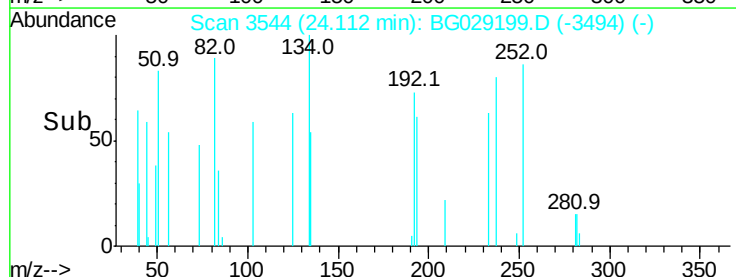
125 74.1 7.8 11.8#

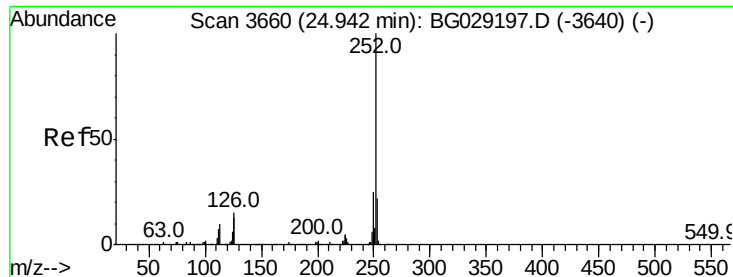


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 0.003 ng/ul

RT: 24.95 min Scan# 3686

Delta R.T. 0.00 min

Lab File: BG029199.D

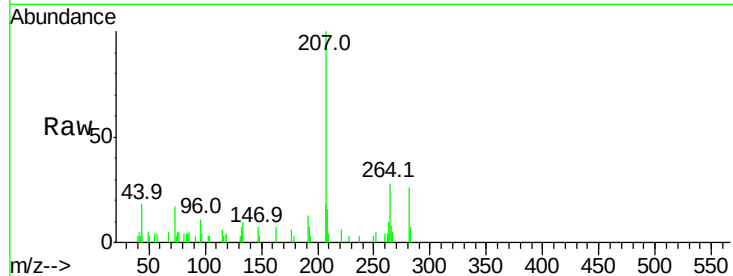
Acq: 13 Oct 2017 20:10

Instrument :

BNA_G

ClientSampleId :

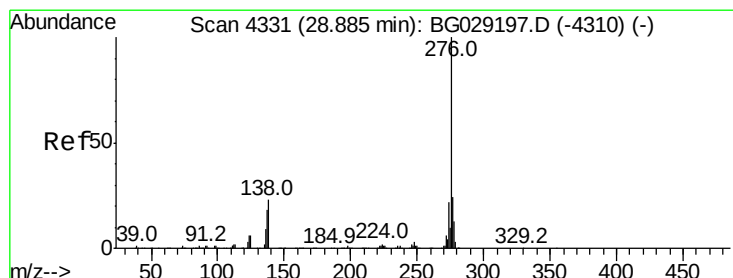
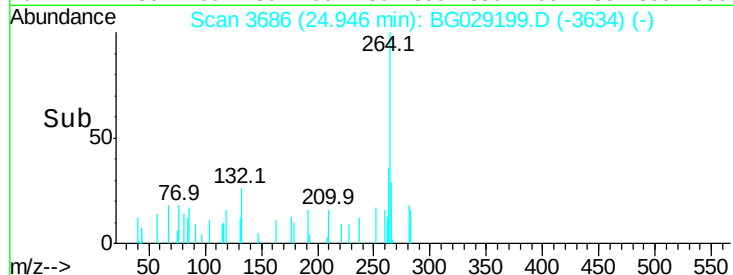
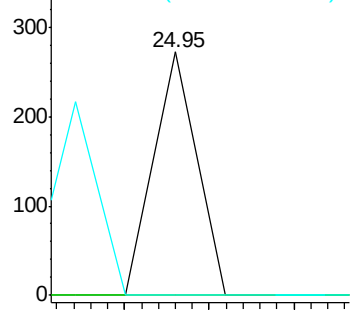
Tot Ion:	252	Resp:	96
Ion Ratio	Lower	Upper	
252	100		
253	0.0	17.1	25.7#
125	0.0	7.8	11.8#



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

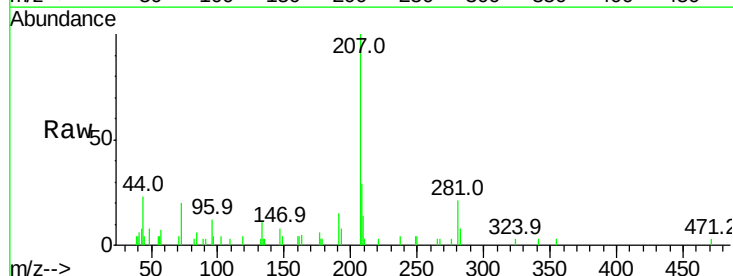
RT: 28.89 min Scan# 4358

Delta R.T. 0.01 min

Lab File: BG029199.D

Acq: 13 Oct 2017 20:10

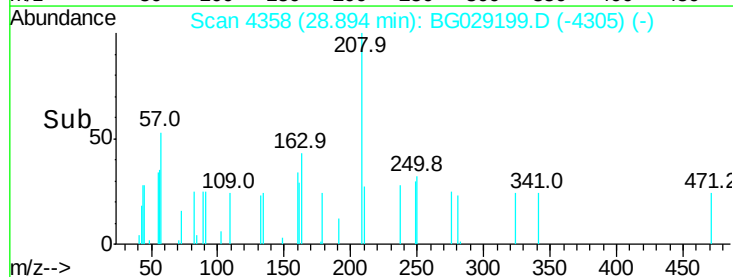
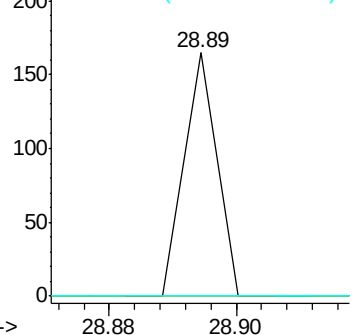
Tgt Ion:	276	Resp:	58
Ion Ratio	Lower	Upper	
276	100		
138	0.0	13.4	20.0#
277	0.0	18.6	28.0#

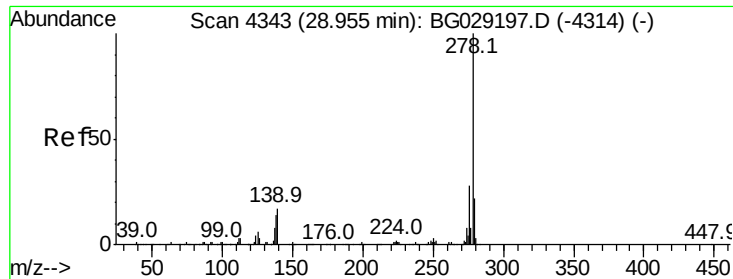


Abundance Ion 276.00 (275.70 to 276.70): E

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: 28.95 min Scan# 4368

Delta R.T. -0.00 min

Lab File: BG029199.D

Acq: 13 Oct 2017 20:10

Instrument :

BNA_G

ClientSampleId :

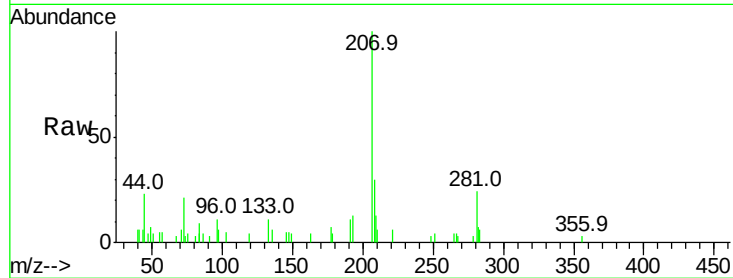
Tot Ion:278 Resp: 54

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

