

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
 Data File : BG037922.D
 Acq On : 9 Nov 2018 16:03
 Operator : JU/SJ
 Sample : J5860-25
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP2-SB-111(17-19)

Quant Time: Nov 12 06:09:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	54106	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	187367	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	134083	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	293175	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	258303	20.00	ng	-0.02
87) Perylene-d12	25.09	264	241950	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	327989	101.35	ng	0.00
7) Phenol-d6	7.24	99	499488	102.07	ng	0.00
23) Nitrobenzene-d5	9.53	82	14384	4.30	ng	0.25
42) 2,4,6-Tribromophenol	16.22	330	195070	133.39	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	752186	84.59	ng	-0.01
79) Terphenyl-d14	20.07	244	1050105	86.87	ng	-0.02

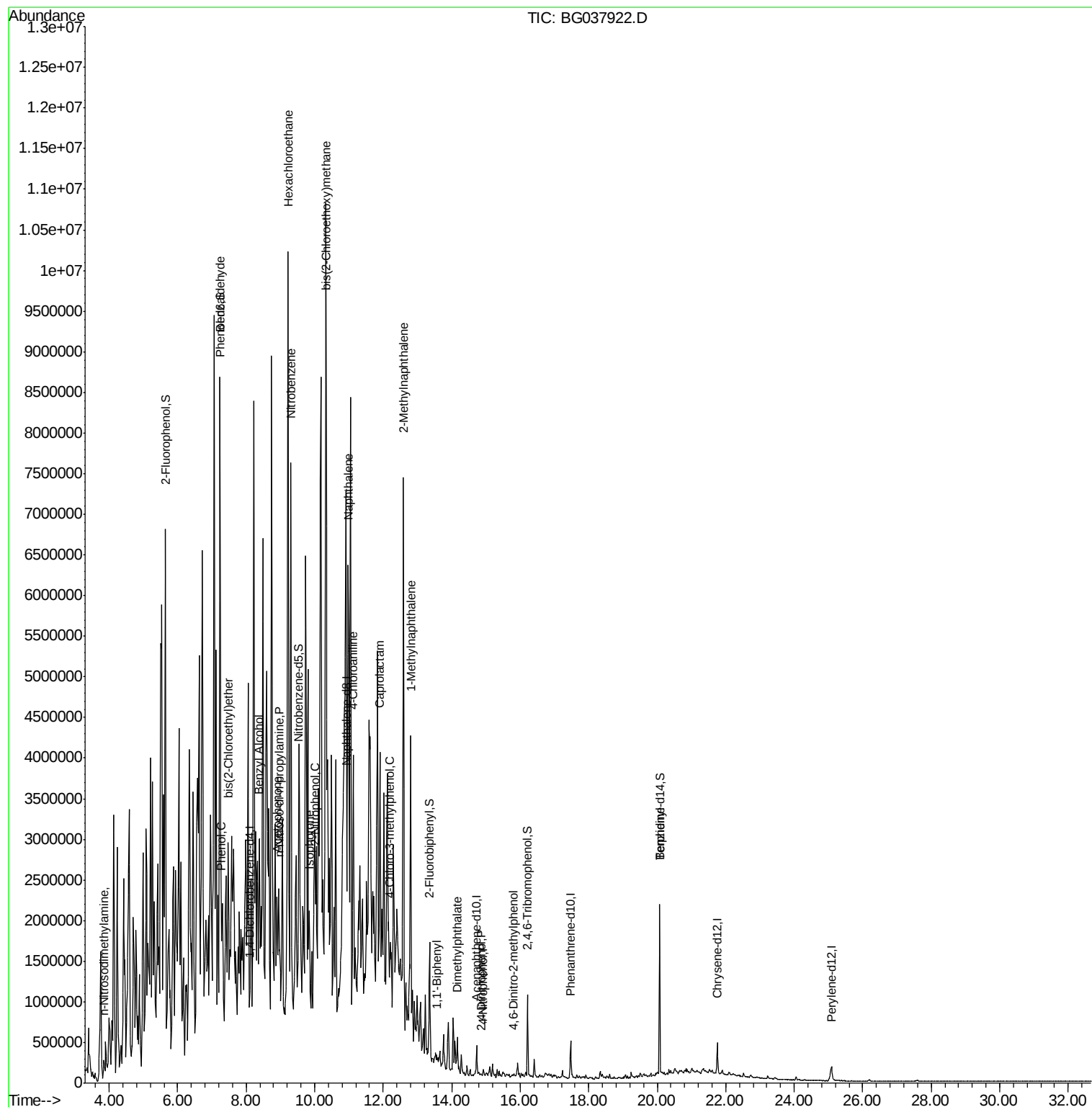
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.84	42	26698	18.120	ng	# 1
9) Benzaldehyde	7.24	77	243874	79.666	ng	# 1
10) Phenol	7.27	94	39687	7.686	ng	# 47
11) bis(2-Chloroethyl)ether	7.47	93	24179	6.166	ng	# 1
15) Benzyl Alcohol	8.38	79	56662	15.670	ng	# 55
18) Hexachloroethane	9.22	117	1673677	1138.693	ng	# 1
19) n-Nitroso-di-n-propylamine	8.96	70	129574	38.451	ng	# 55
22) Acetophenone	8.90	105	1130085	240.491	ng	# 54
24) Nitrobenzene	9.31	77	280914	80.847	ng	# 7
25) Isophorone	9.84	82	95603	15.644	ng	# 1
26) 2-Nitrophenol	10.02	139	12566	8.028	ng	# 1
28) bis(2-Chloroethoxy)methane	10.34	93	80118	20.009	ng	# 36
31) Naphthalene	10.99	128	981974	106.702	ng	# 72
33) 4-Chloroaniline	11.12	127	20754	4.800	ng	# 1
35) Caprolactam	11.91	113	105059	84.181	ng	# 1
36) 4-Chloro-3-methylphenol	12.21	107	9776	2.786	ng	# 27
37) 2-Methylnaphthalene	12.60	142	3387317	504.921	ng	# 83
38) 1-Methylnaphthalene	12.80	142	1666340	255.769	ng	# 98
46) 1,1'-Biphenyl	13.57	154	64254	5.786	ng	# 99
50) Dimethylphthalate	14.17	163	129907	12.524	ng	# 99
54) 2,4-Dinitrophenol	14.86	184	63	6.225	ng	# 1
56) 4-Nitrophenol	14.92	139	4188	2.221	ng	# 58
65) 4,6-Dinitro-2-methylphenol	15.80	198	69	8.544	ng	# 1
77) Benzidine	20.07	184	18047	2.055	ng	# 96

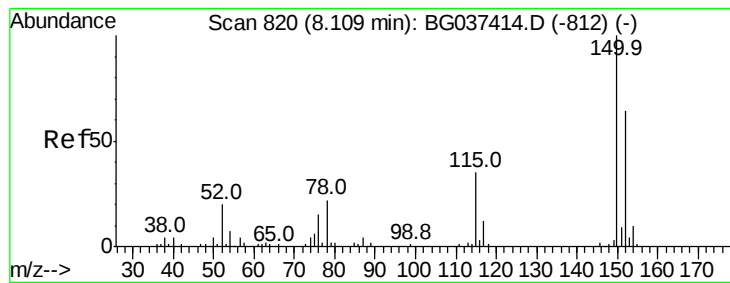
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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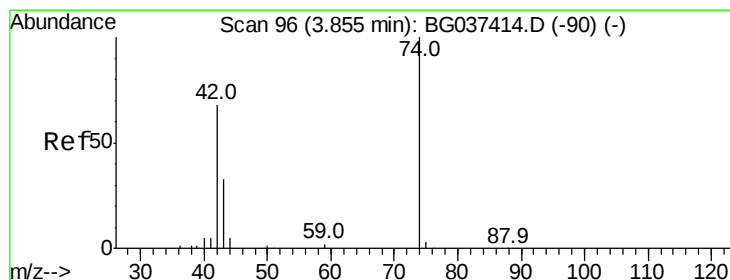
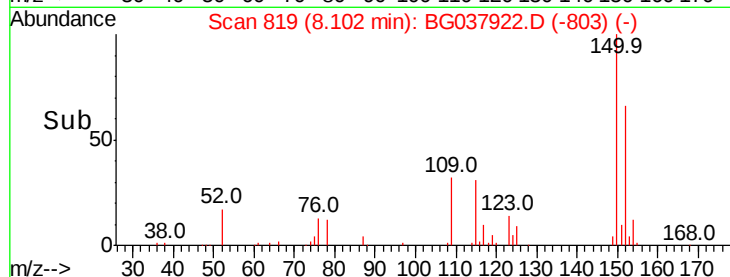
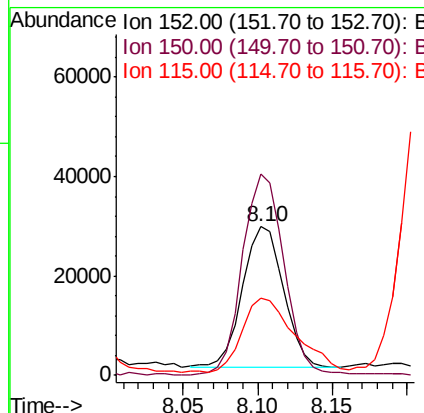
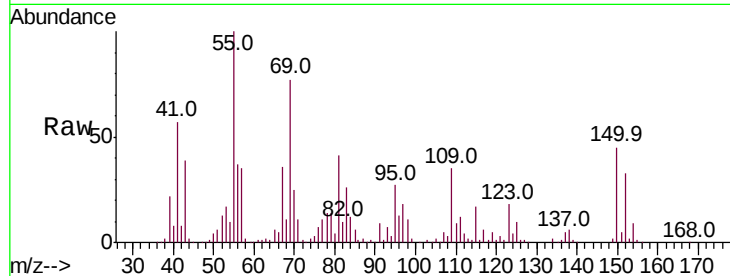


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)

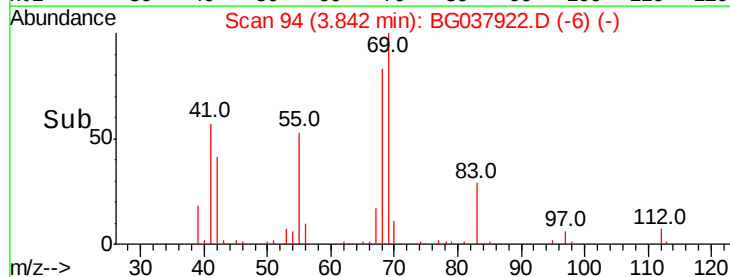
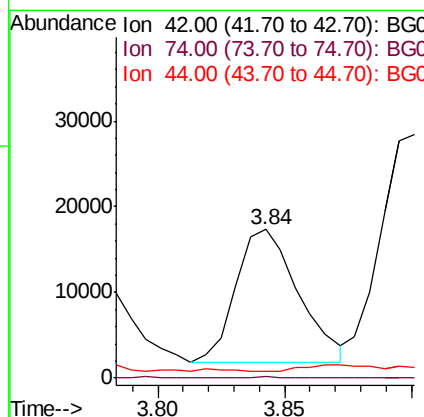
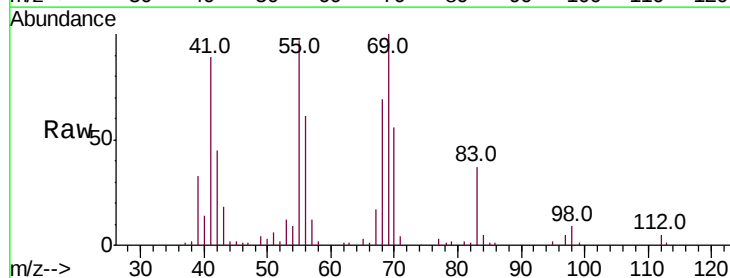
Tot Ion:152 Resp: 54106
Ion Ratio Lower Upper
152 100
150 135.8 126.0 189.0
115 51.9 45.5 68.3

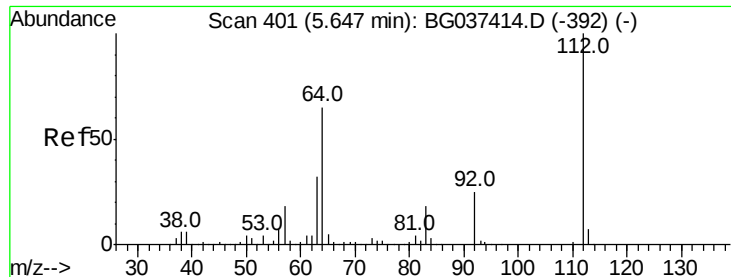


#4

n-Nitrosodimethylamine
Concen: 18.120 ng
RT: 3.84 min Scan# 94
Delta R.T. -0.01 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Tgt Ion: 42 Resp: 26698
Ion Ratio Lower Upper
42 100
74 1.0 102.0 153.0#
44 4.9 9.6 14.4#





#5

2-Fluorophenol

Concen: 101.347 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037922.D

Acq: 9 Nov 2018 16:03

Instrument :

BNA_G

ClientSampleId :

EP2-SB-111(17-19)

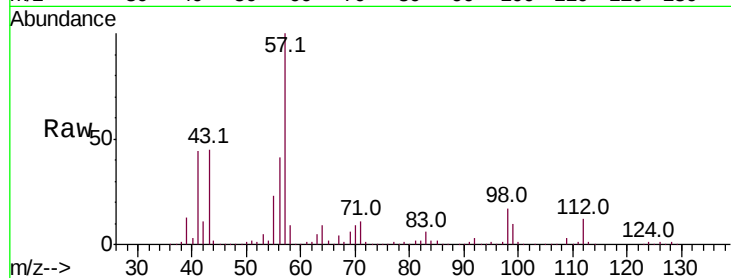
Tot Ion:112 Resp: 327989

Ion Ratio Lower Upper

112 100

64 77.1 53.1 79.7

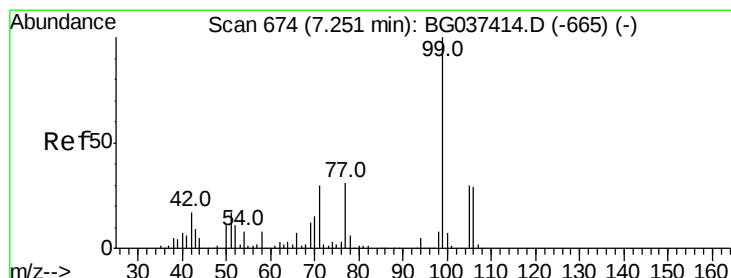
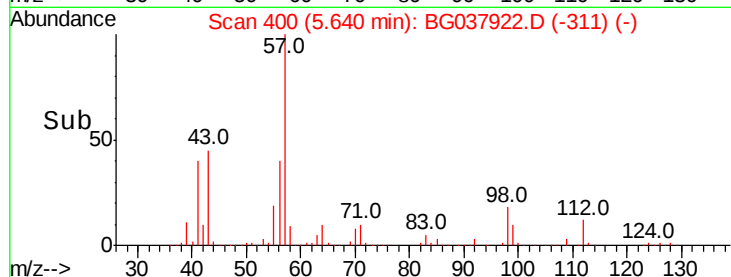
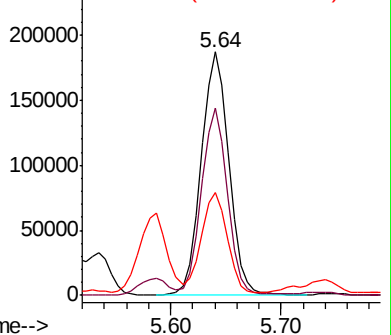
63 42.3 27.3 40.9#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 102.068 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037922.D

Acq: 9 Nov 2018 16:03

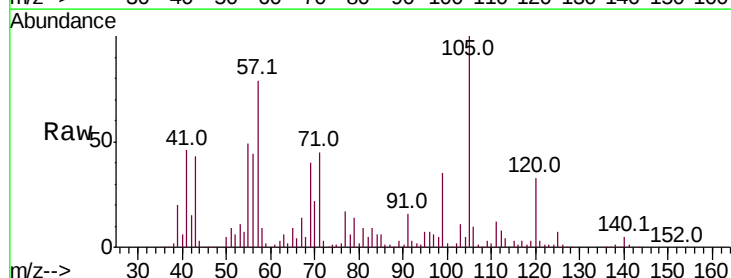
Tgt Ion: 99 Resp: 499488

Ion Ratio Lower Upper

99 100

42 44.0 15.0 22.4#

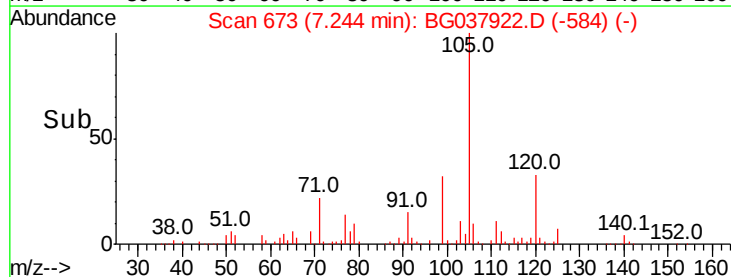
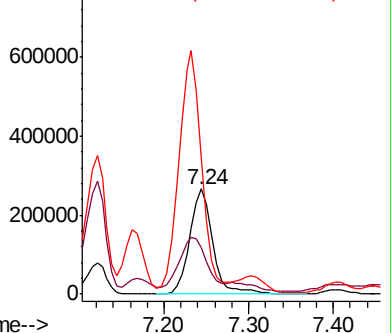
71 129.3 25.5 38.3#

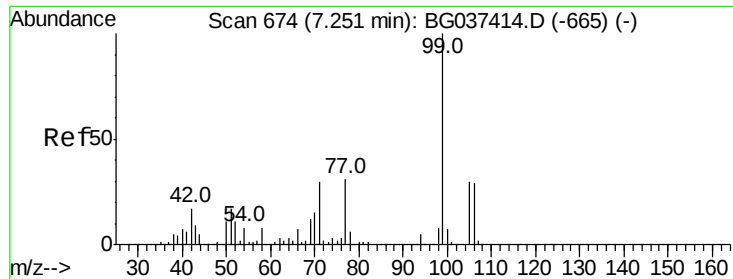


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#9

Benzaldehyde

Concen: 79.666 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037922.D

Acq: 9 Nov 2018 16:03

Instrument :

BNA_G

ClientSampleId :

EP2-SB-111(17-19)

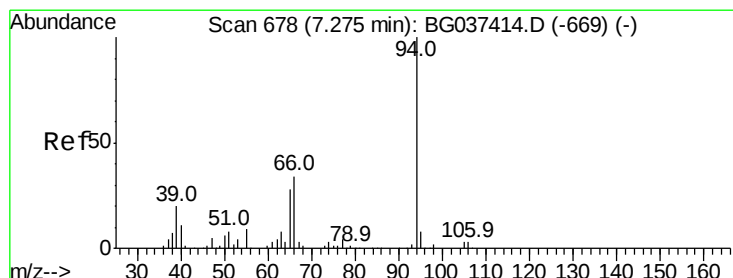
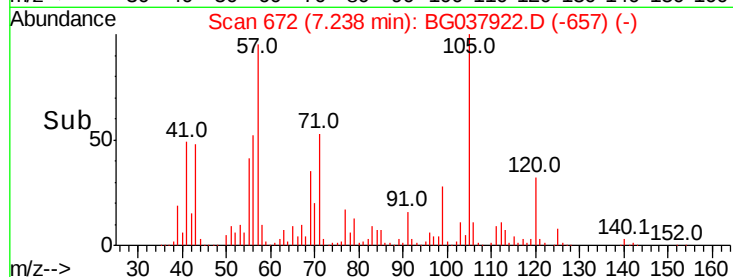
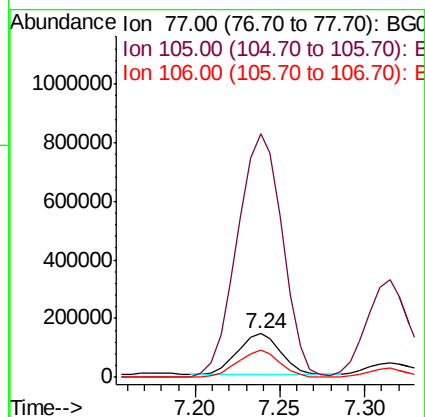
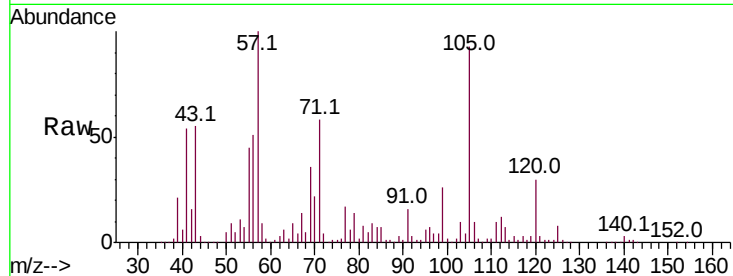
Tot Ion: 77 Resp: 243874

Ion Ratio Lower Upper

77 100

105 555.1 72.6 112.6#

106 61.9 71.3 111.3#



#10

Phenol

Concen: 7.686 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037922.D

Acq: 9 Nov 2018 16:03

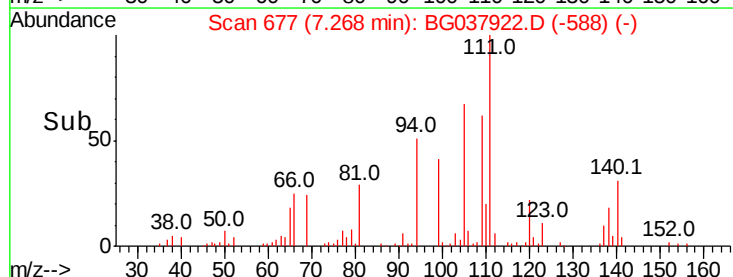
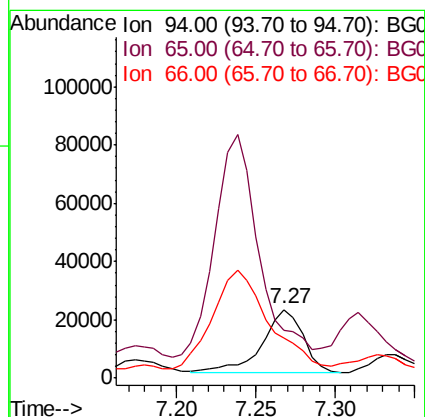
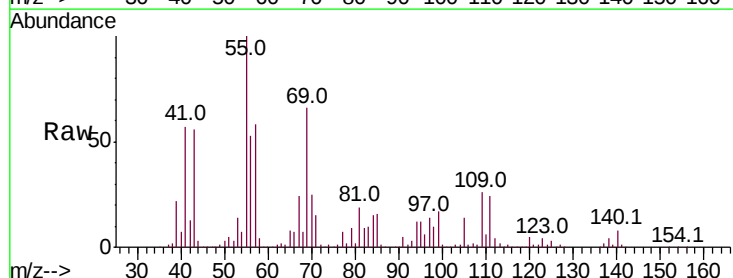
Tgt Ion: 94 Resp: 39687

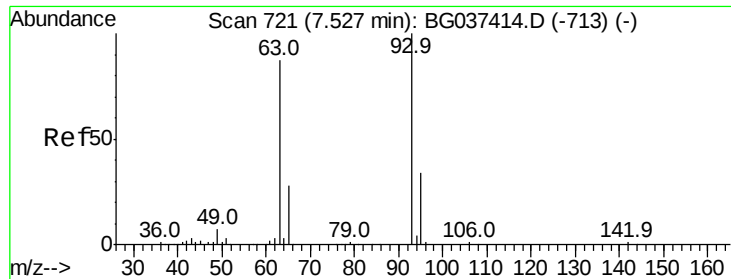
Ion Ratio Lower Upper

94 100

65 68.6 9.7 49.7#

66 57.9 15.9 55.9#

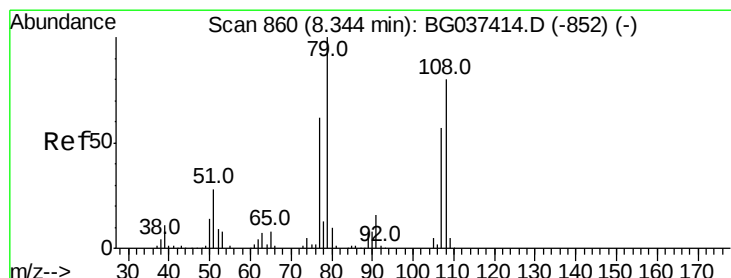
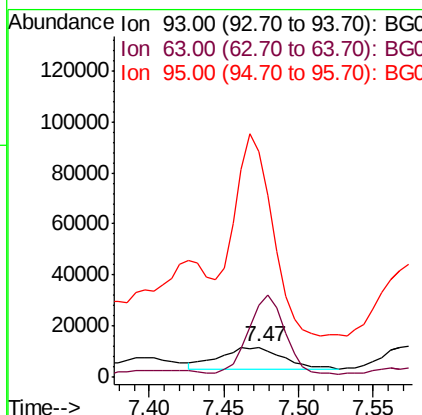
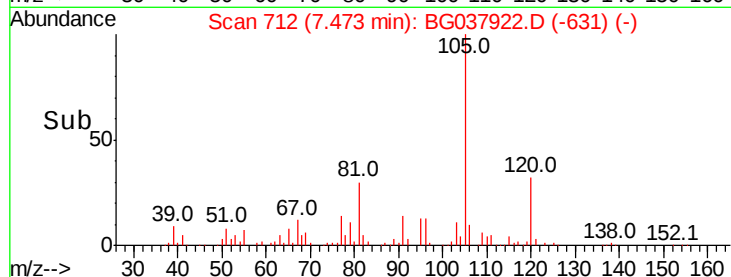
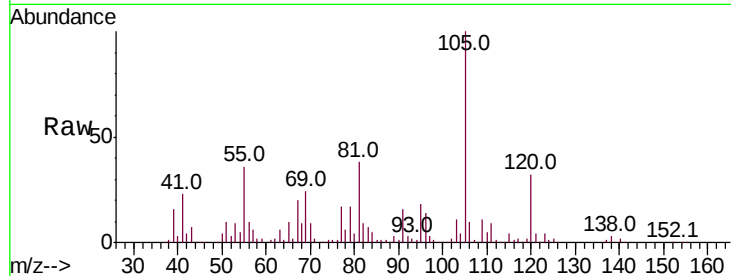




#11
 bis(2-Chloroethyl)ether
 Concen: 6.166 ng
 RT: 7.47 min Scan# 712
 Delta R.T. -0.05 min
 Lab File: BG037922.D
 Acq: 9 Nov 2018 16:03

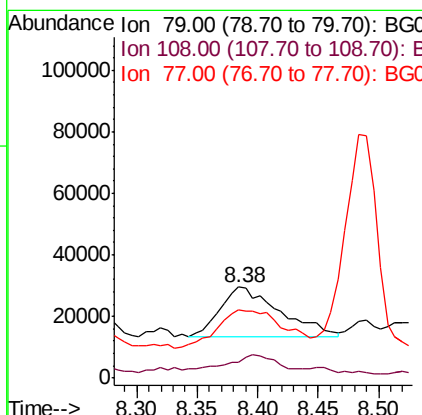
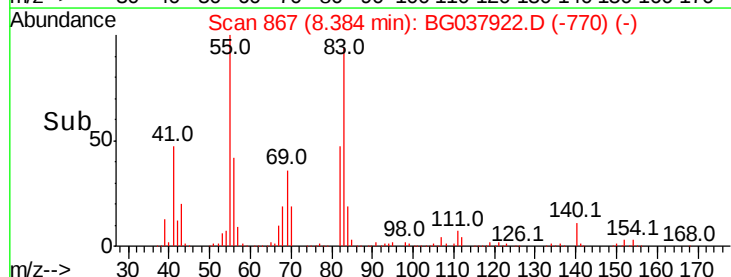
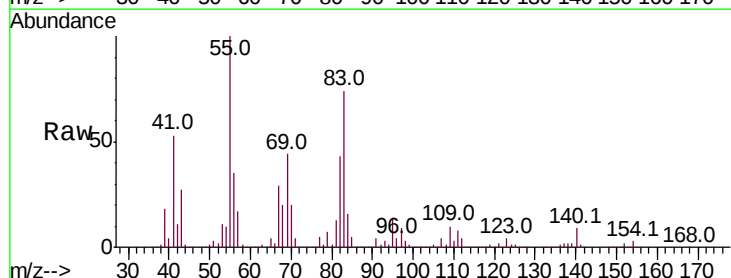
Instrument :
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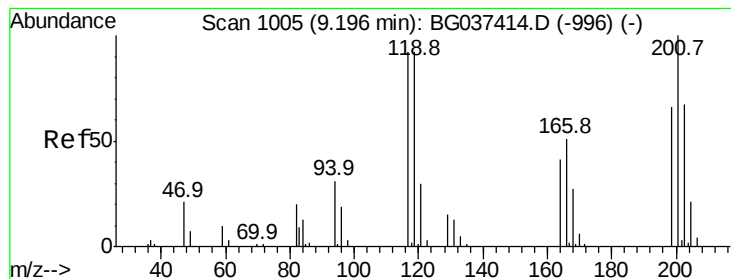
Tot Ion: 93 Resp: 24179
 Ion Ratio Lower Upper
 93 100
 63 239.5 69.5 109.5#
 95 751.2 12.6 52.6#



#15
 Benzyl Alcohol
 Concen: 15.670 ng
 RT: 8.38 min Scan# 867
 Delta R.T. 0.04 min
 Lab File: BG037922.D
 Acq: 9 Nov 2018 16:03

Tgt Ion: 79 Resp: 56662
 Ion Ratio Lower Upper
 79 100
 108 17.8 65.8 98.8#
 77 74.8 52.9 79.3





#18

Hexachloroethane

Concen: 1138.693 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.03 min

Lab File: BG037922.D

Acq: 9 Nov 2018 16:03

Instrument :

BNA_G

ClientSampleId :

EP2-SB-111(17-19)

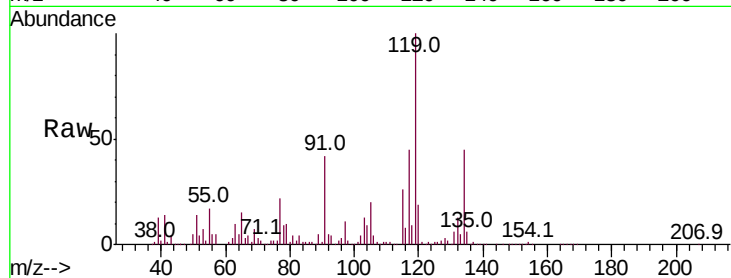
Tot Ion:117 Resp: 1673677

Ion Ratio Lower Upper

117 100

119 222.1 74.6 111.8#

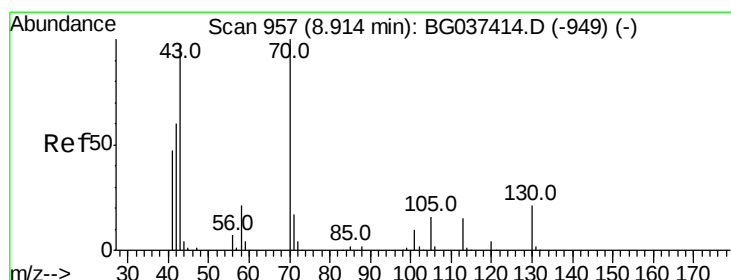
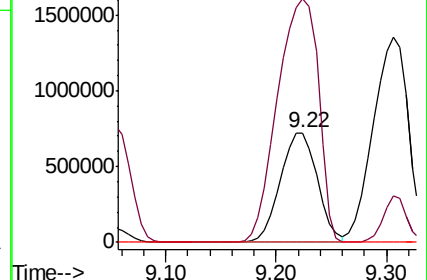
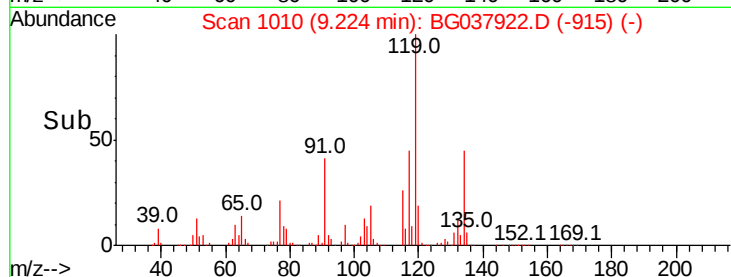
201 0.0 80.8 121.2#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 38.451 ng

RT: 8.96 min Scan# 965

Delta R.T. 0.05 min

Lab File: BG037922.D

Acq: 9 Nov 2018 16:03

Tgt Ion: 70 Resp: 129574

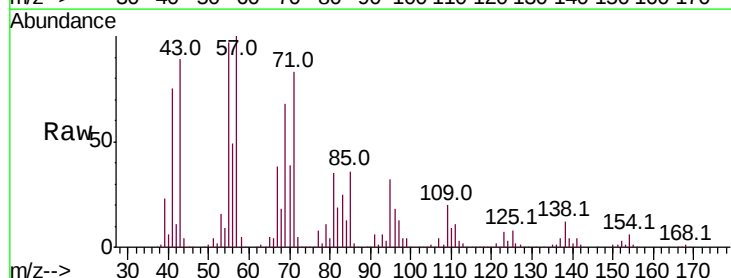
Ion Ratio Lower Upper

70 100

42 29.2 53.9 80.9#

101 0.0 8.2 12.2#

130 0.0 18.2 27.4#

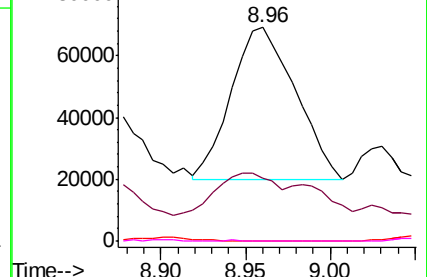
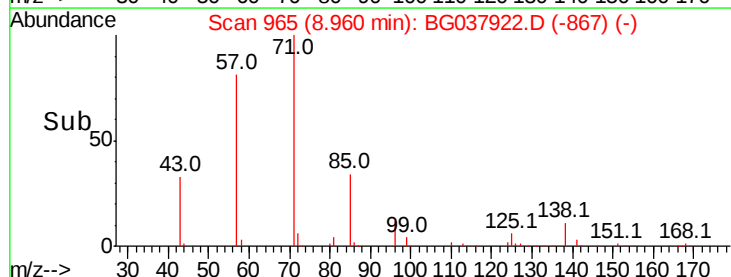


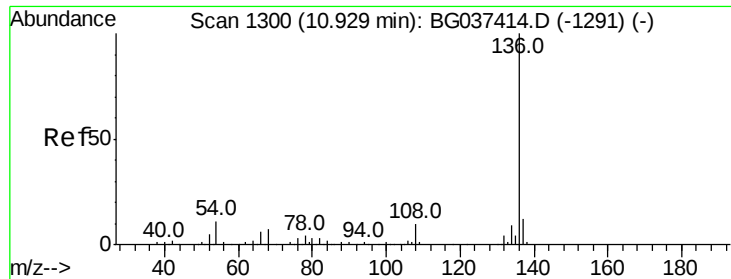
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BG037922.D

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Tot Ion:136 Resp: 187367

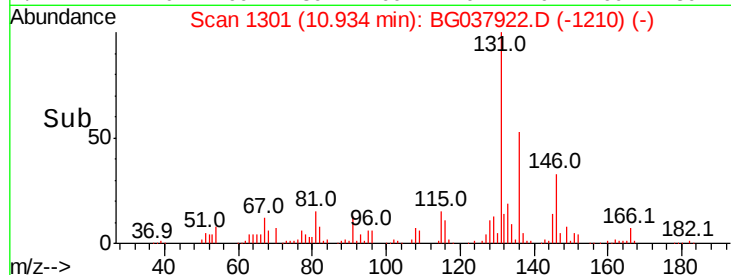
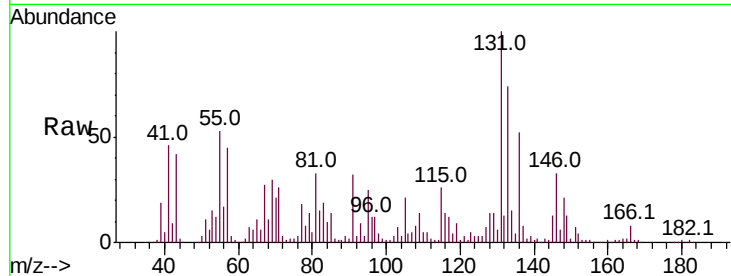
Ion Ratio Lower Upper

136 100

137 15.6 9.6 14.4#

54 23.8 7.9 11.9#

68 22.0 4.8 7.2#

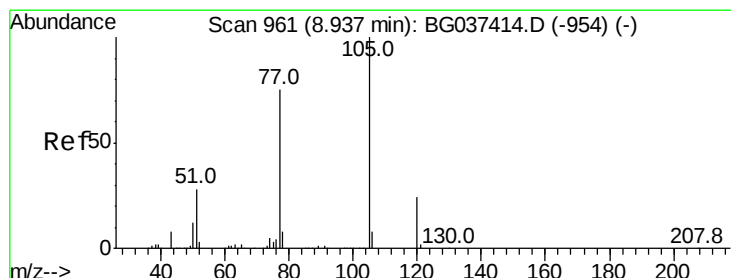
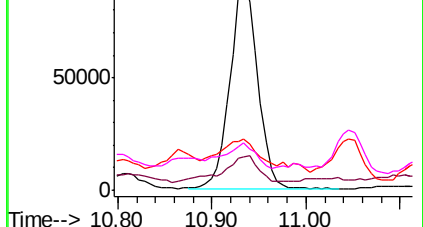


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 240.491 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.04 min

Lab File: BG037922.D

Acq: 9 Nov 2018 16:03

Tgt Ion:105 Resp: 1130085

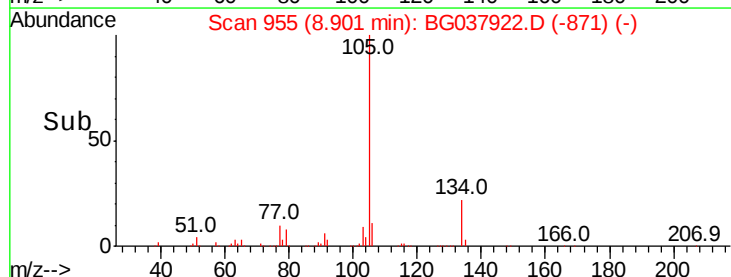
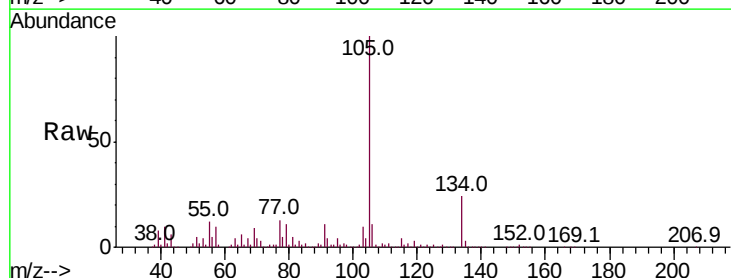
Ion Ratio Lower Upper

105 100

71 2.7 1.2 1.8#

51 5.5 25.0 37.6#

120 0.3 18.6 28.0#

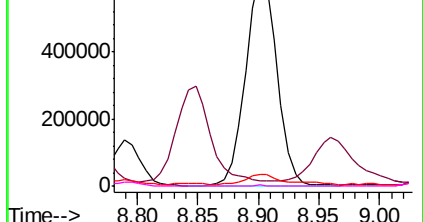


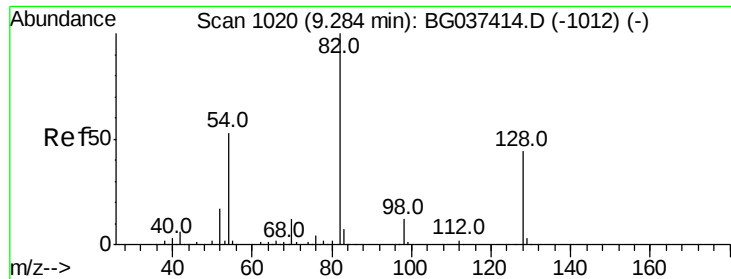
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

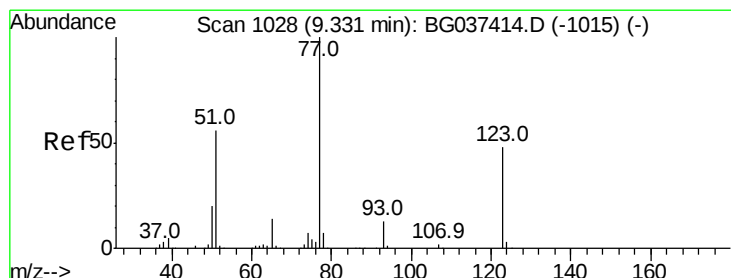
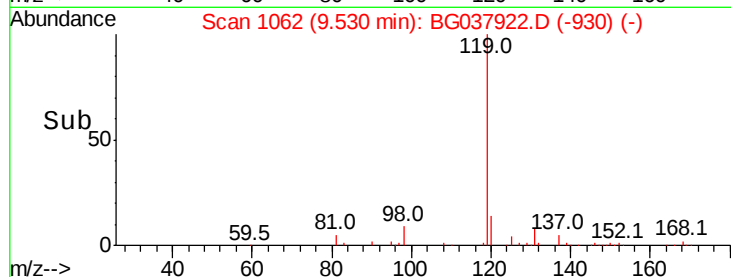
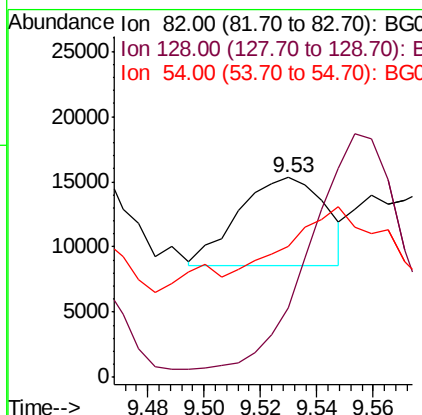
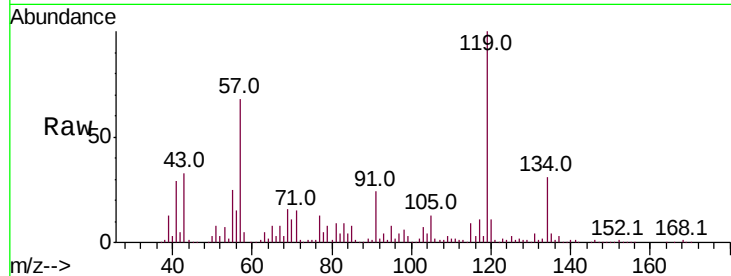




#23
 Nitrobenzene-d5
 Concen: 4.301 ng
 RT: 9.53 min Scan# 1062
 Delta R.T. 0.25 min
 Lab File: BG037922.D
 Acq: 9 Nov 2018 16:03

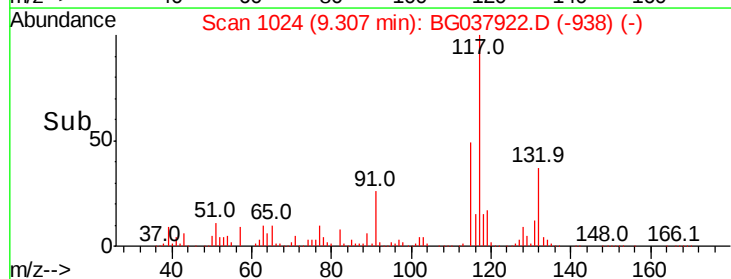
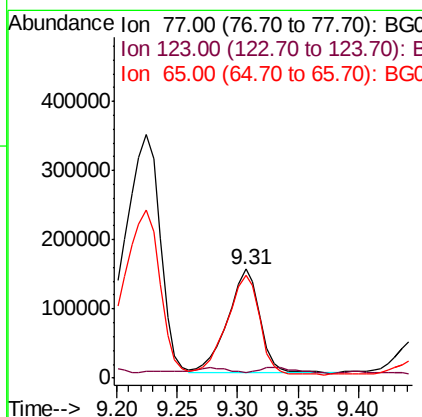
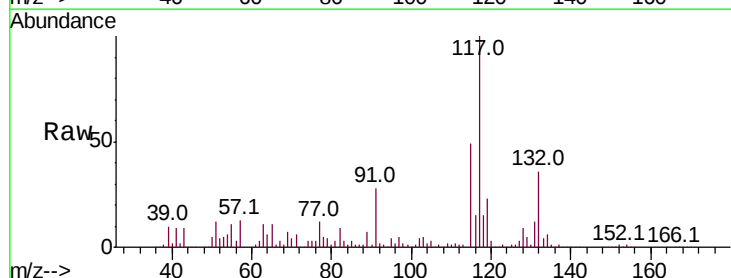
Instrument :
 BNA_G
 ClientSampleId :
 EP2-SB-111(17-19)

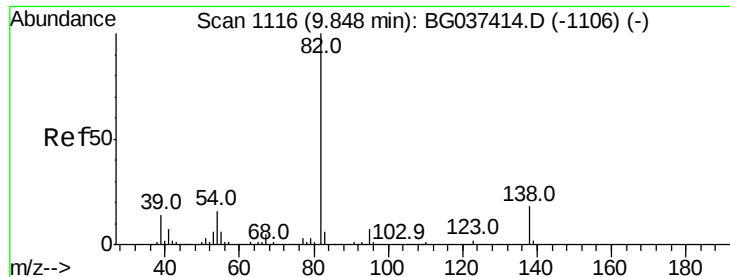
Tot Ion: 82 Resp: 14384
 Ion Ratio Lower Upper
 82 100
 128 34.9 34.6 51.8
 54 65.5 45.3 67.9



#24
 Nitrobenzene
 Concen: 80.847 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG037922.D
 Acq: 9 Nov 2018 16:03

Tgt Ion: 77 Resp: 280914
 Ion Ratio Lower Upper
 77 100
 123 5.2 33.6 50.4#
 65 94.4 11.3 16.9#





#25

Isophorone

Concen: 15.644 ng

RT: 9.84 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BG037922.D

Acq: 9 Nov 2018 16:03

Instrument :

BNA_G

ClientSampleId :

EP2-SB-111(17-19)

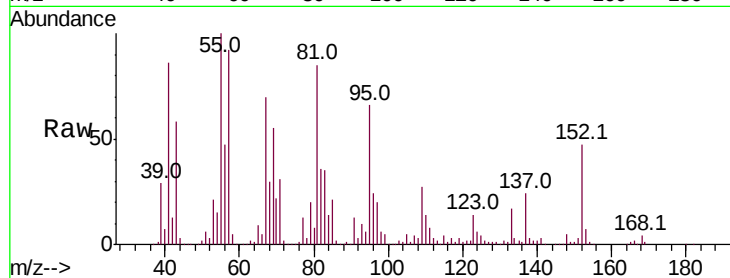
Tot Ion: 82 Resp: 95603

Ion Ratio Lower Upper

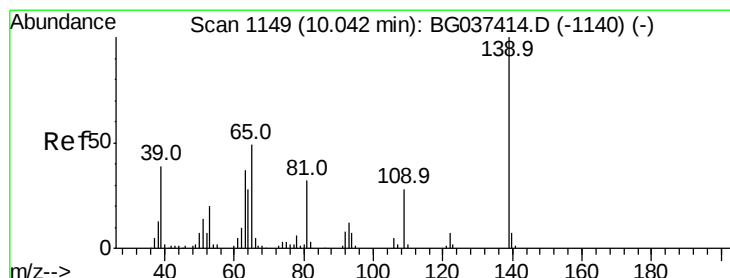
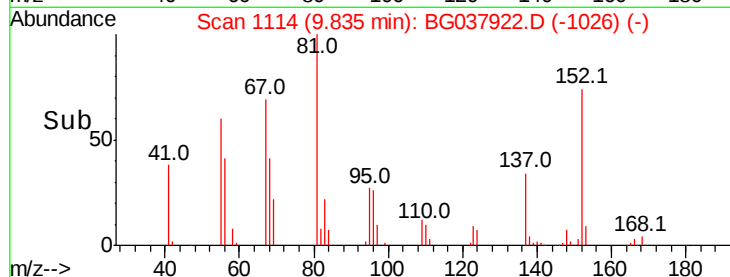
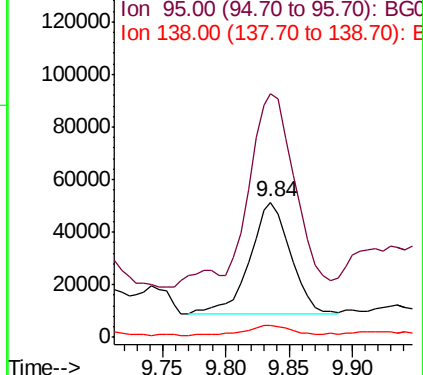
82 100

95 180.5 5.3 7.9#

138 9.1 13.3 19.9#



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



#26

2-Nitrophenol

Concen: 8.028 ng

RT: 10.02 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BG037922.D

Acq: 9 Nov 2018 16:03

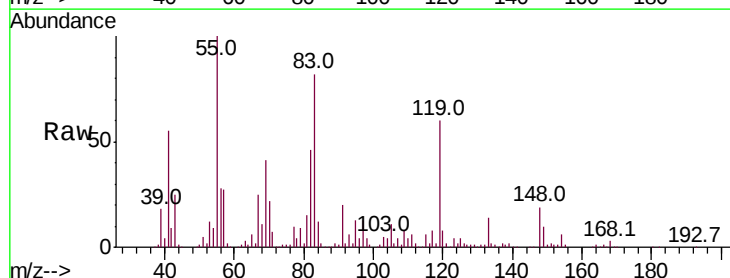
Tgt Ion: 139 Resp: 12566

Ion Ratio Lower Upper

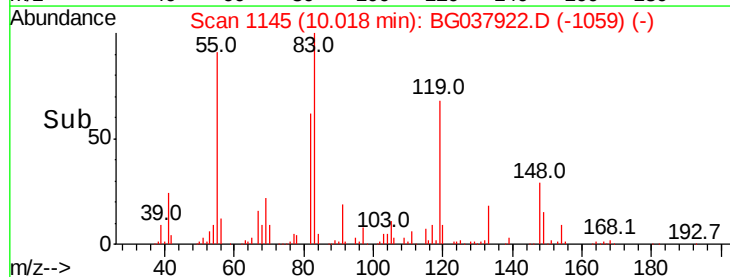
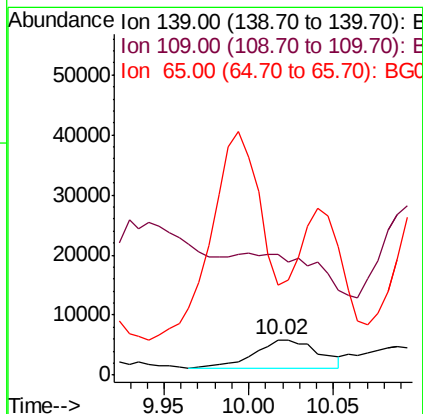
139 100

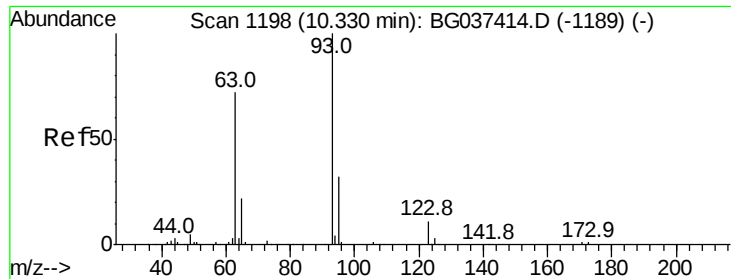
109 342.3 23.3 34.9#

65 253.8 39.8 59.8#



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

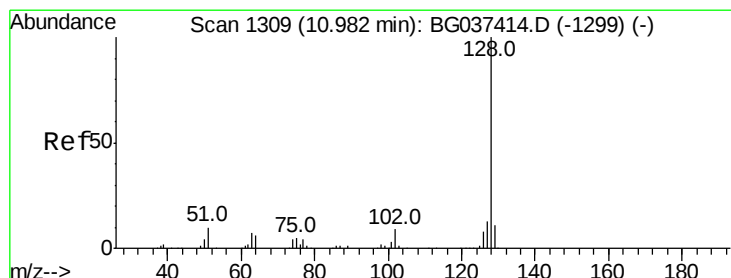
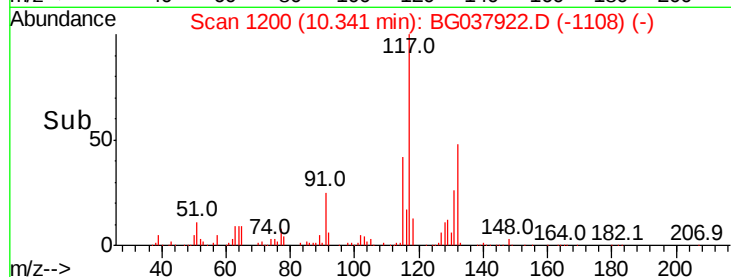
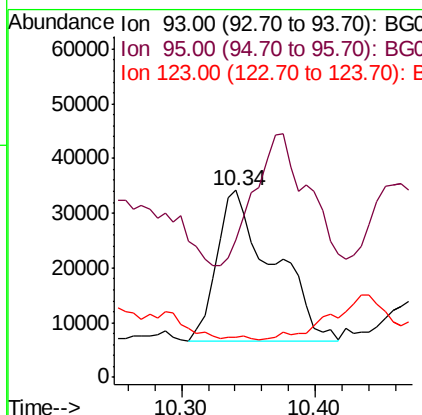
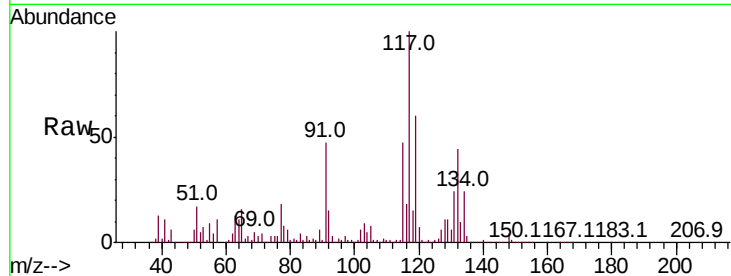




#28
bis(2-Chloroethoxy)methane
Concen: 20.009 ng
RT: 10.34 min Scan# 1200
Delta R.T. 0.01 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

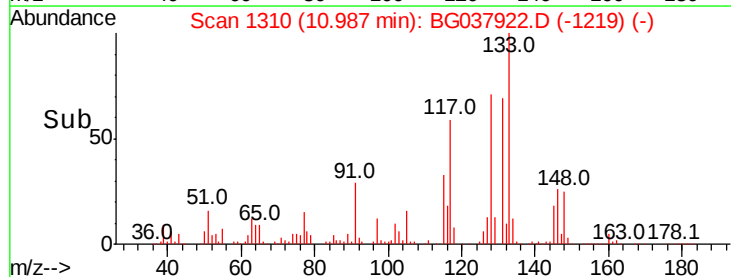
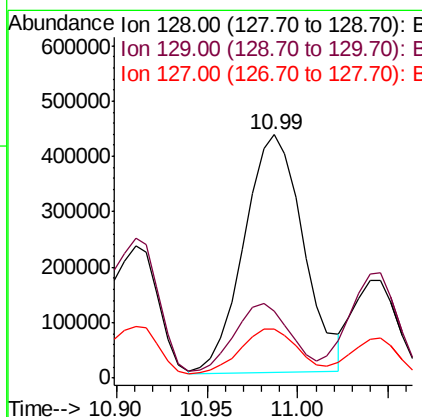
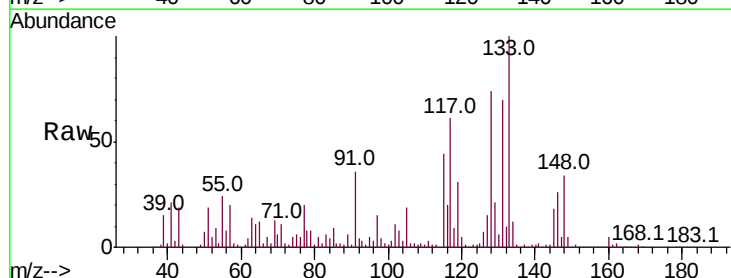
Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)

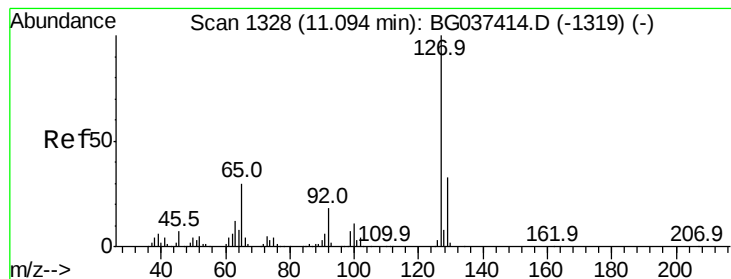
Tot Ion: 93 Resp: 80118
Ion Ratio Lower Upper
93 100
95 73.2 24.6 37.0#
123 21.4 9.1 13.7#



#31
Naphthalene
Concen: 106.702 ng
RT: 10.99 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Tgt Ion: 128 Resp: 981974
Ion Ratio Lower Upper
128 100
129 27.7 9.0 13.6#
127 20.2 11.1 16.7#





#33

4-Chloroaniline

Concen: 4.800 ng

RT: 11.12 min Scan# 1333

Delta R.T. 0.03 min

Lab File: BG037922.D

Acq: 9 Nov 2018 16:03

Instrument :

BNA_G

ClientSampleId :

EP2-SB-111(17-19)

Tot Ion:127 Resp: 20754

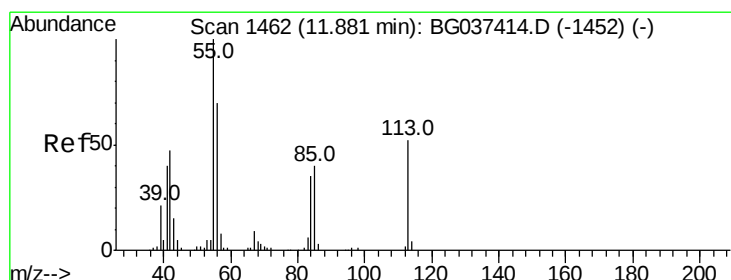
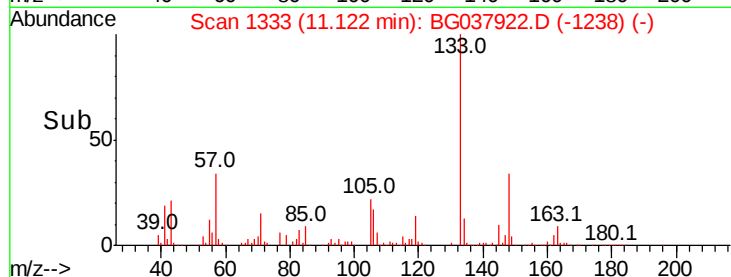
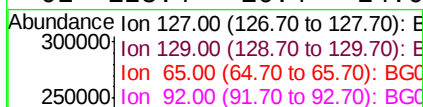
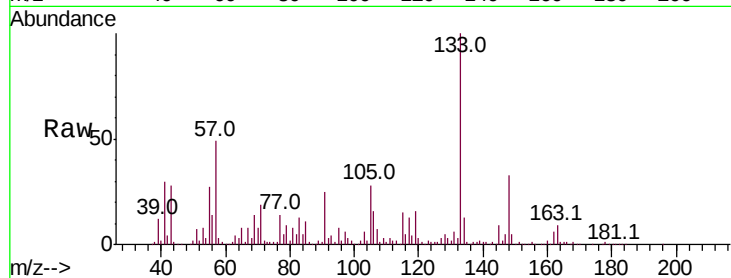
Ion Ratio Lower Upper

127 100

129 124.9 27.1 40.7#

65 299.4 26.6 39.8#

92 128.4 16.4 24.6#



#35

Caprolactam

Concen: 84.181 ng

RT: 11.91 min Scan# 1467

Delta R.T. 0.03 min

Lab File: BG037922.D

Acq: 9 Nov 2018 16:03

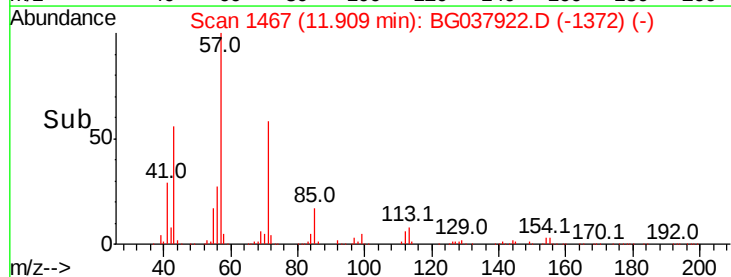
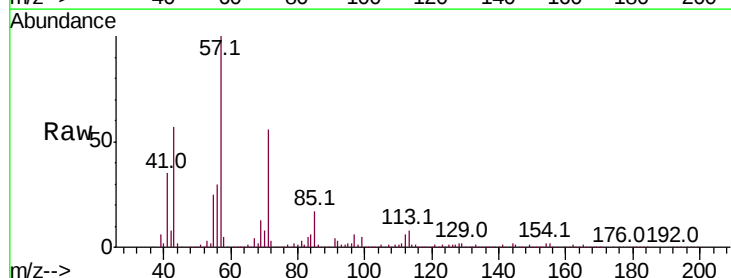
Tgt Ion:113 Resp: 105059

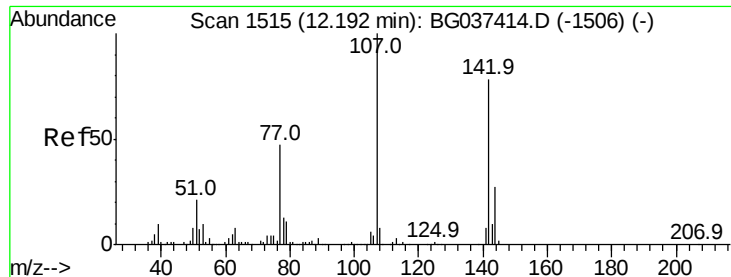
Ion Ratio Lower Upper

113 100

55 326.4 176.6 216.6#

56 382.2 128.3 168.3#

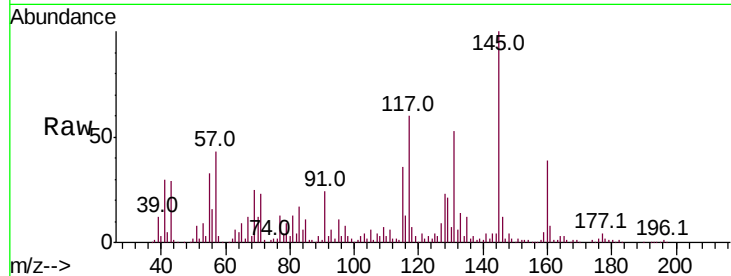




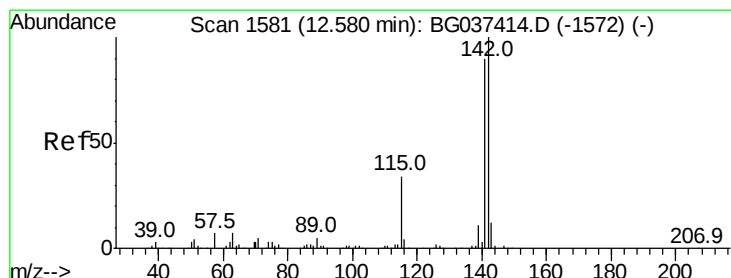
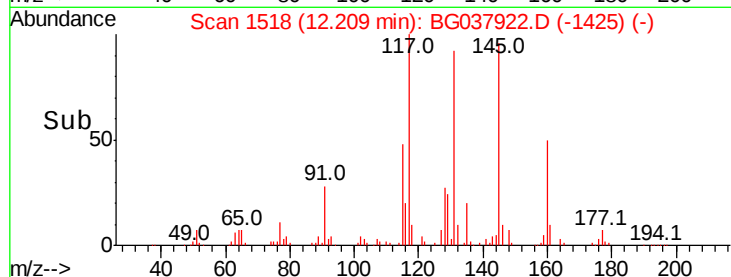
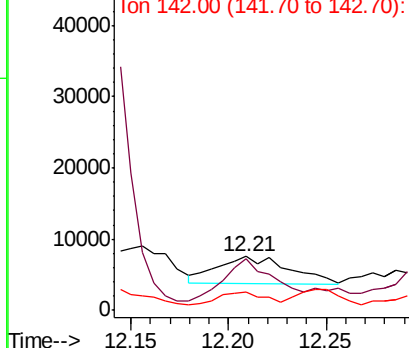
#36
4-Chloro-3-methylphenol
Concen: 2.786 ng
RT: 12.21 min Scan# 1518
Delta R.T. 0.02 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)

Tot Ion:107 Resp: 9776
Ion Ratio Lower Upper
107 100
144 95.9 20.7 31.1#
142 34.2 64.4 96.6#

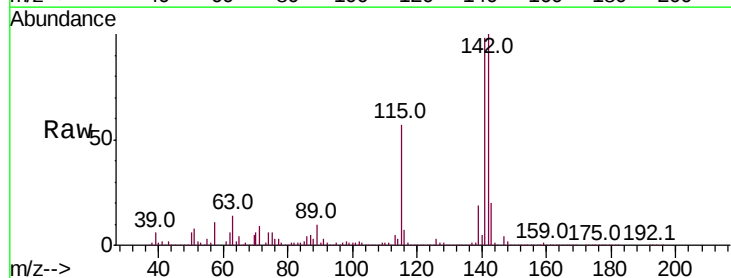


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

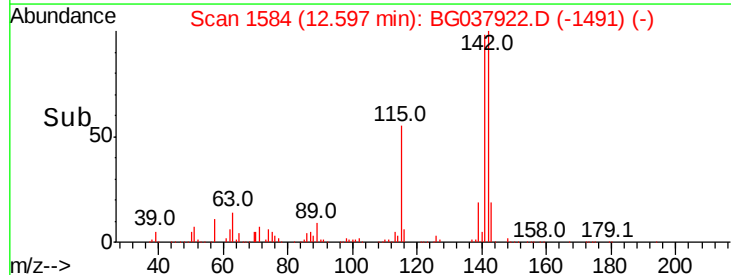
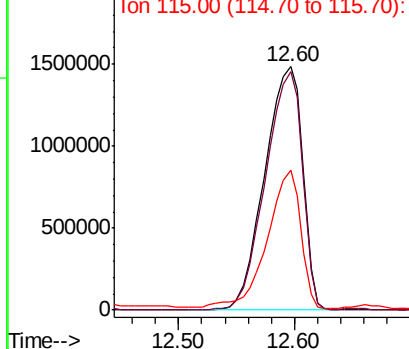


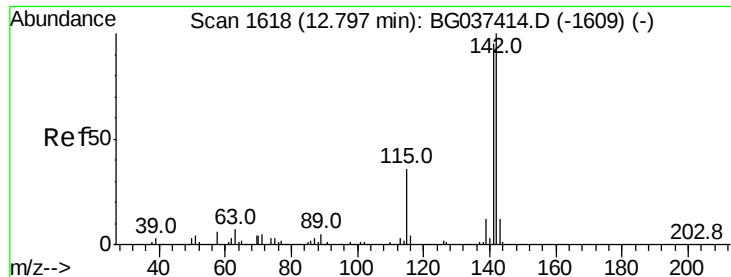
#37
2-Methylnaphthalene
Concen: 504.921 ng
RT: 12.60 min Scan# 1584
Delta R.T. 0.02 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Tgt Ion:142 Resp: 3387317
Ion Ratio Lower Upper
142 100
141 98.0 71.9 107.9
115 57.4 27.8 41.8#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

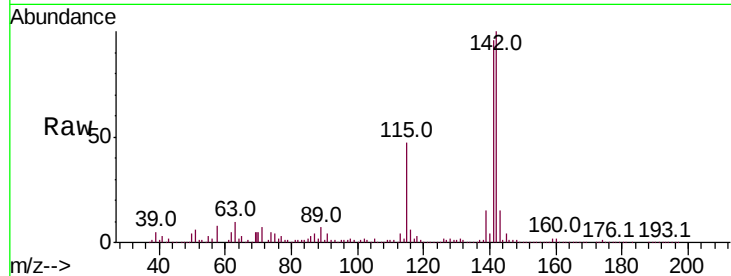




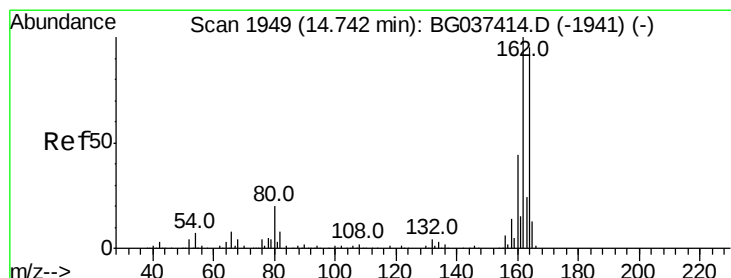
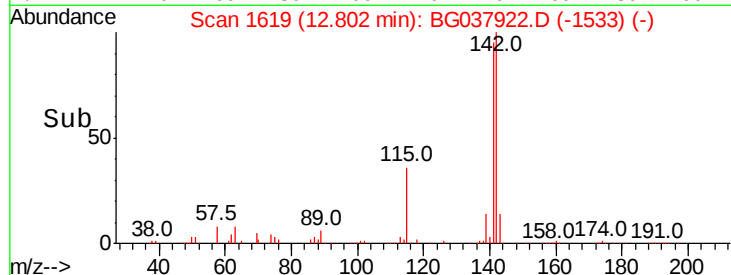
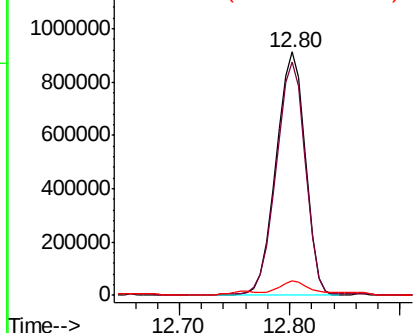
#38
1-Methylnaphthalene
Concen: 255.769 ng
RT: 12.80 min Scan# 1619
Delta R.T. 0.00 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)

Tot Ion:142 Resp: 1666340
Ion Ratio Lower Upper
142 100
141 95.7 75.2 112.8
116 5.9 3.3 4.9#

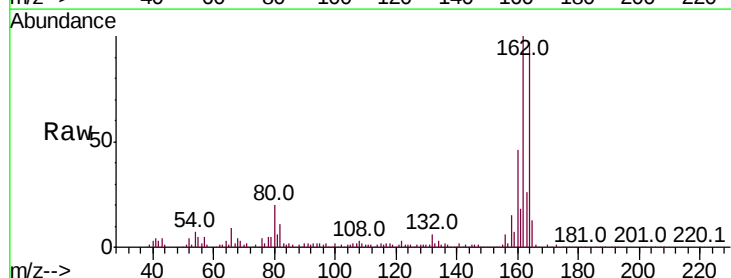


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

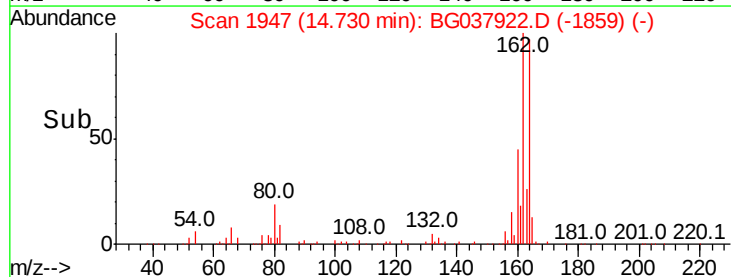
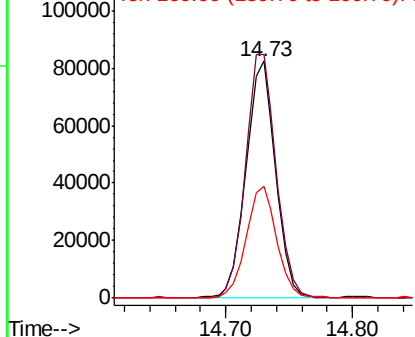


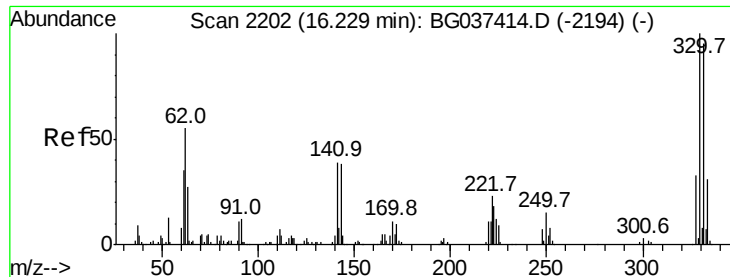
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Tgt Ion:164 Resp: 134083
Ion Ratio Lower Upper
164 100
162 102.8 81.3 121.9
160 47.1 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

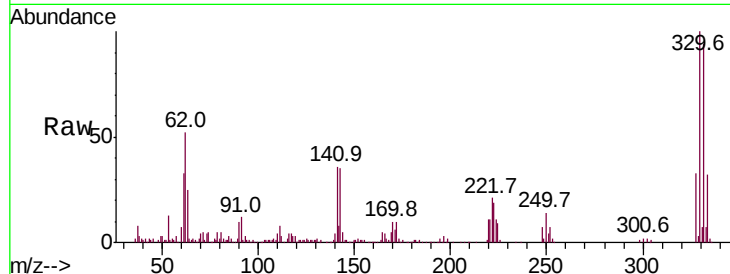




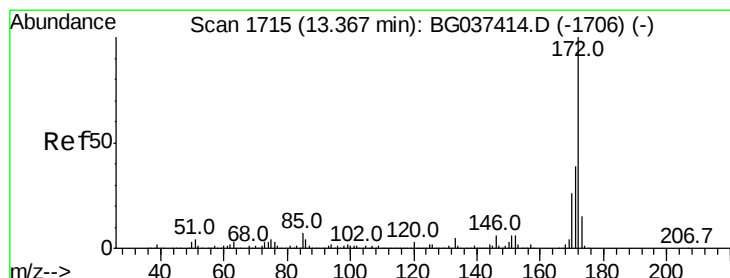
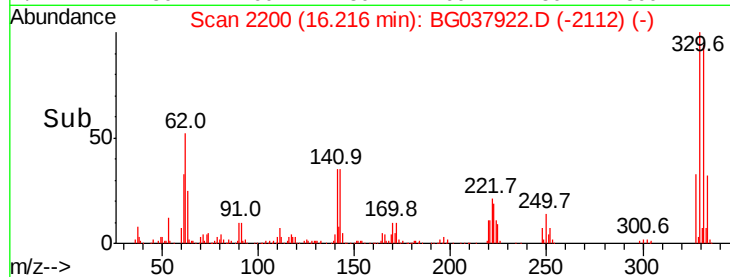
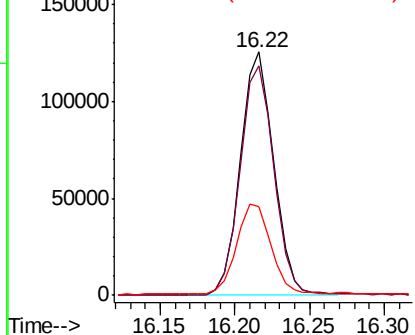
#42
 2,4,6-Tribromophenol
 Concen: 133.388 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037922.D
 Acq: 9 Nov 2018 16:03

Instrument :
 BNA_G
 ClientSampleId :
 EP2-SB-111(17-19)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.4	117.6
141	37.9	32.2	48.2

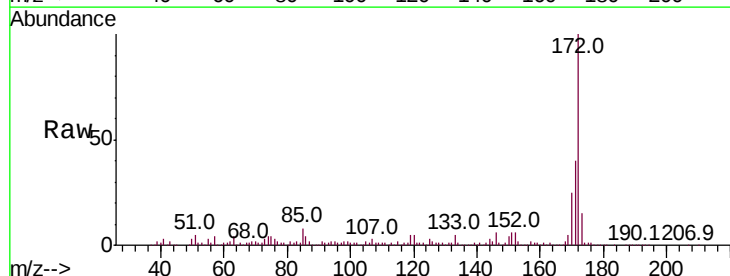


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

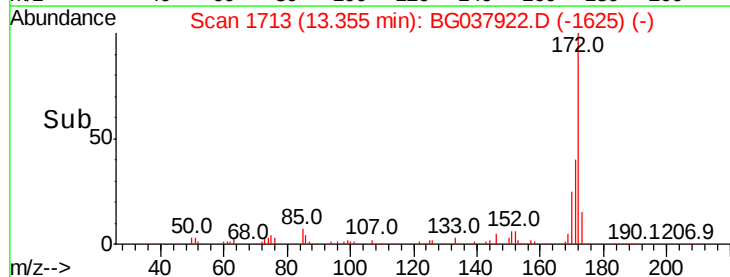
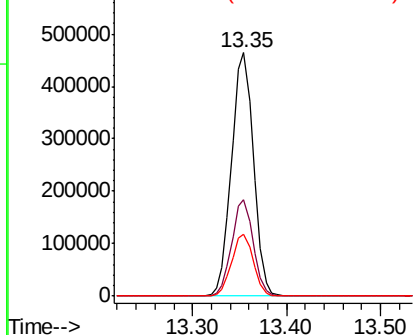


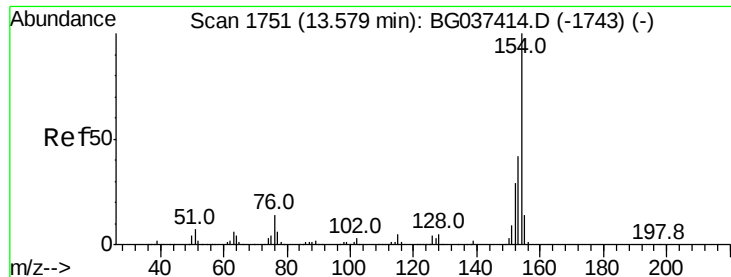
#45
 2-Fluorobiphenyl
 Concen: 84.593 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037922.D
 Acq: 9 Nov 2018 16:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.6	31.0	46.4
170	25.5	20.2	30.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 5.786 ng

RT: 13.57 min Scan# 1749

Delta R.T. -0.01 min

Lab File: BG037922.D

Acq: 9 Nov 2018 16:03

Instrument :

BNA_G

ClientSampleId :

EP2-SB-111(17-19)

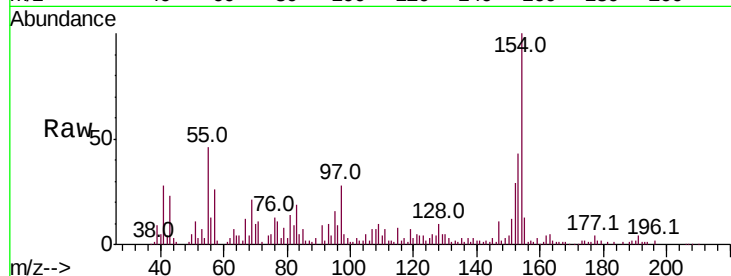
Tot Ion:154 Resp: 64254

Ion Ratio Lower Upper

154 100

153 43.3 22.1 62.1

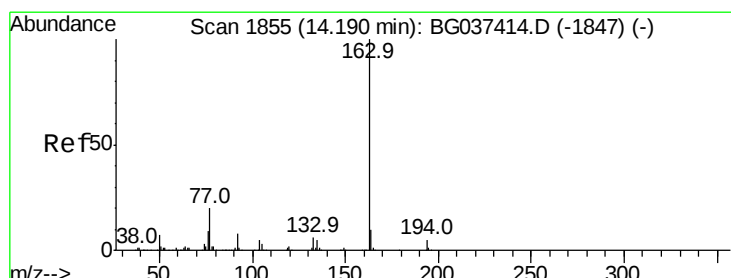
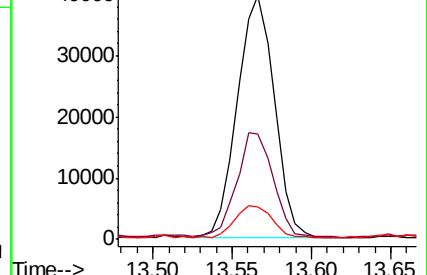
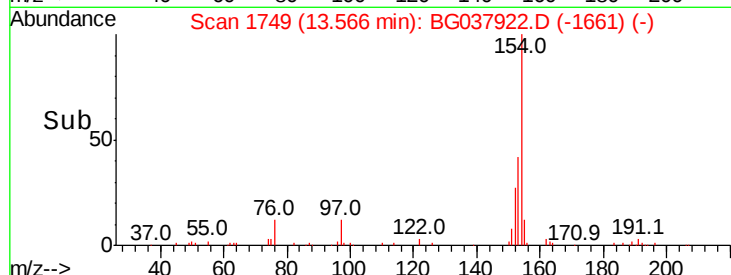
76 13.1 0.0 33.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#50

Dimethylphthalate

Concen: 12.524 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BG037922.D

Acq: 9 Nov 2018 16:03

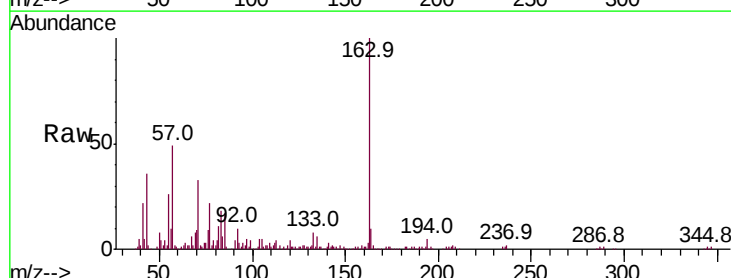
Tgt Ion:163 Resp: 129907

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

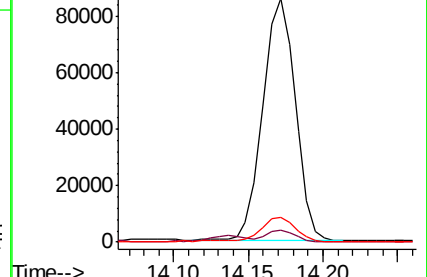
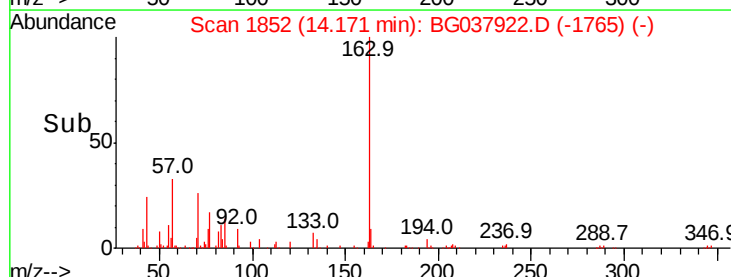
164 10.0 8.5 12.7

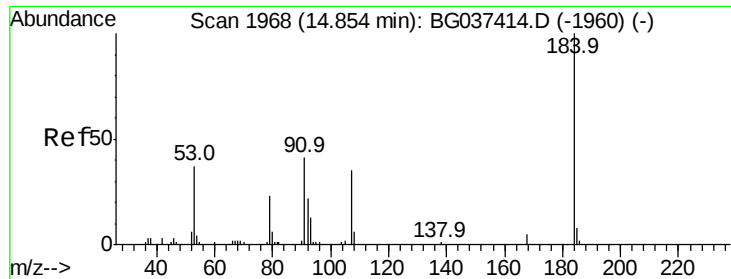


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

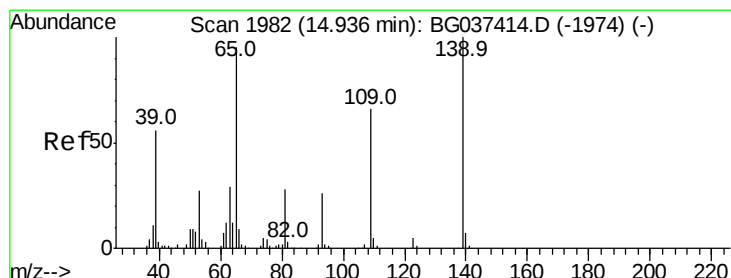
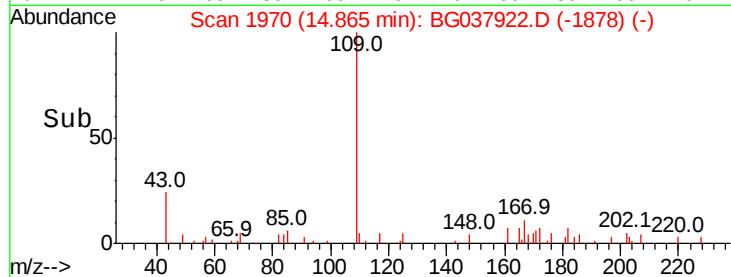
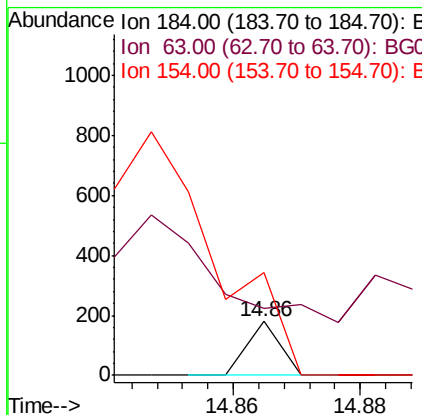
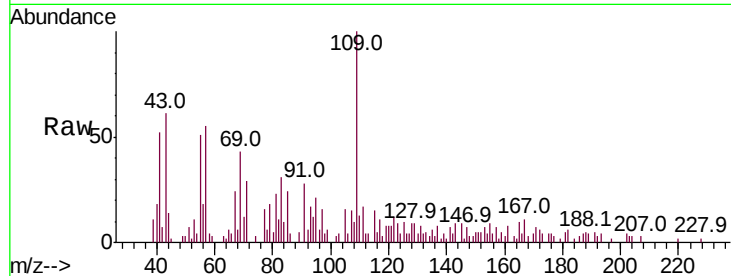




#54
 2,4-Dinitrophenol
 Concen: 6.225 ng
 RT: 14.86 min Scan# 1970
 Delta R.T. 0.01 min
 Lab File: BG037922.D
 Acq: 9 Nov 2018 16:03

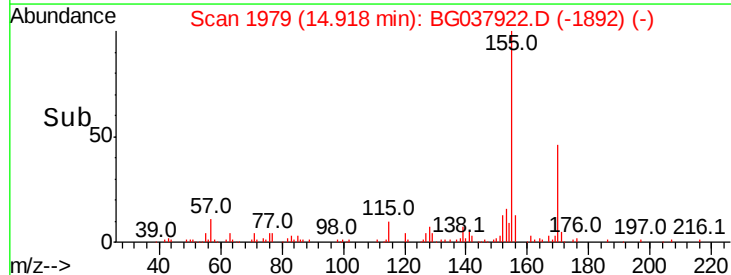
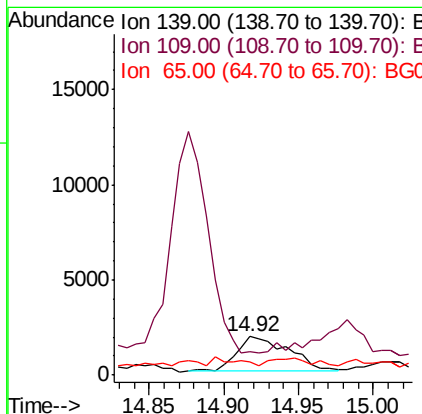
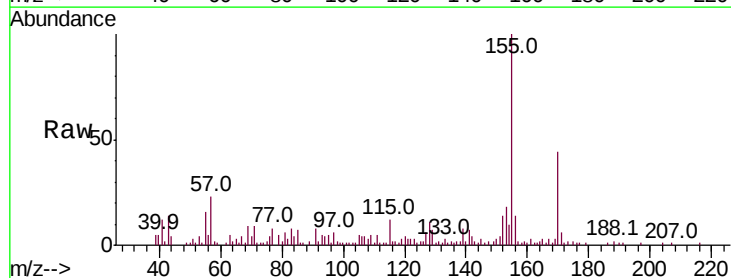
Instrument :
 BNA_G
 ClientSampleId :
 EP2-SB-111(17-19)

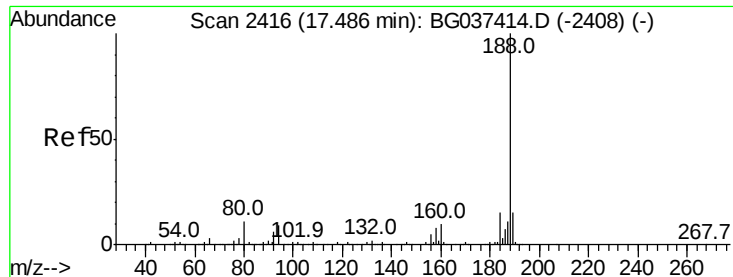
Tot Ion:184 Resp: 63
 Ion Ratio Lower Upper
 184 100
 63 125.0 42.6 63.8#
 154 190.6 41.8 62.6#



#56
 4-Nitrophenol
 Concen: 2.221 ng
 RT: 14.92 min Scan# 1979
 Delta R.T. -0.02 min
 Lab File: BG037922.D
 Acq: 9 Nov 2018 16:03

Tgt Ion:139 Resp: 4188
 Ion Ratio Lower Upper
 139 100
 109 59.9 49.5 89.5
 65 34.7 76.8 116.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG037922.D

Acq: 9 Nov 2018 16:03

Instrument :

BNA_G

ClientSampleId :

EP2-SB-111(17-19)

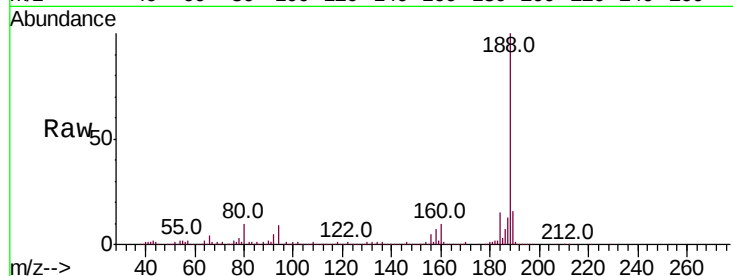
Tot Ion:188 Resp: 293175

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

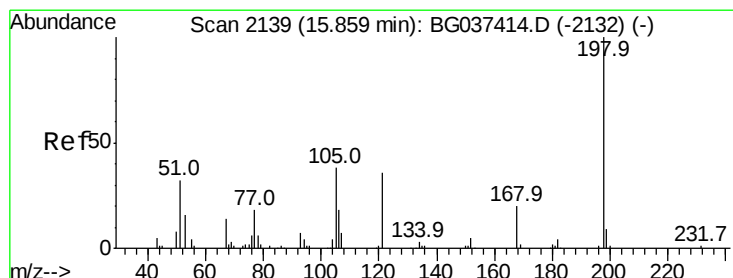
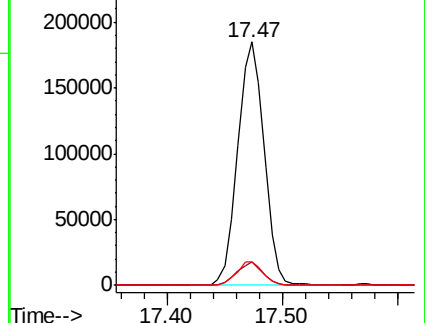
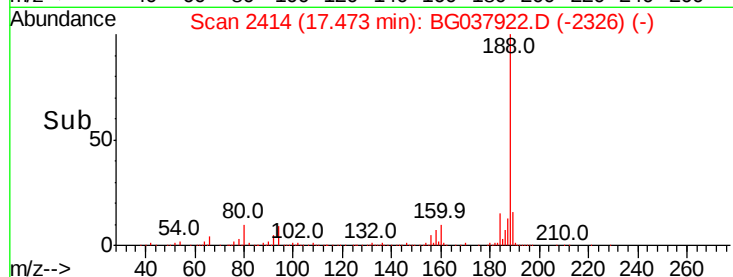
80 9.7 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#65

4,6-Dinitro-2-methylphenol

Concen: 8.544 ng

RT: 15.80 min Scan# 2129

Delta R.T. -0.06 min

Lab File: BG037922.D

Acq: 9 Nov 2018 16:03

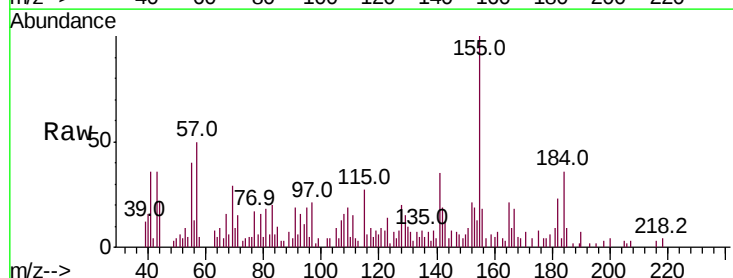
Tgt Ion:198 Resp: 69

Ion Ratio Lower Upper

198 100

51 207.7 22.7 62.7#

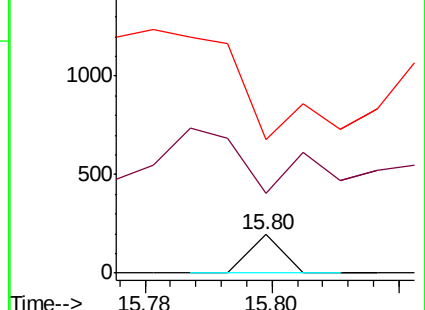
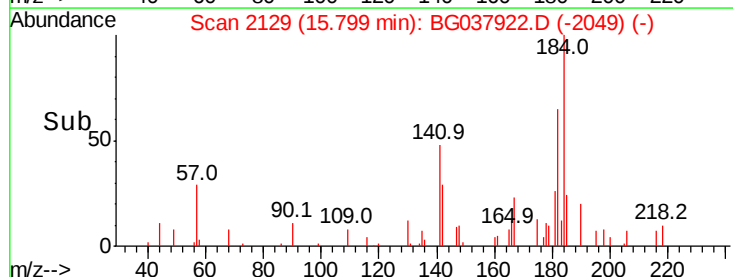
105 347.2 19.7 59.7#

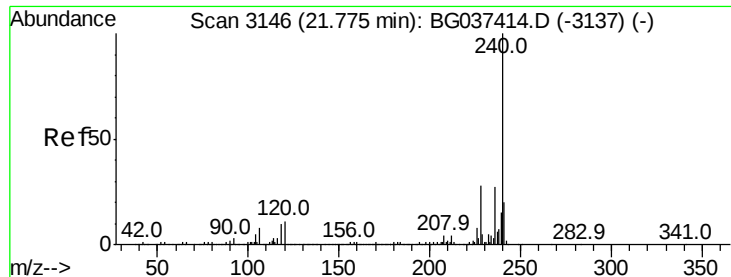


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037922.D

Acq: 9 Nov 2018 16:03

Instrument :

BNA_G

ClientSampleId :

EP2-SB-111(17-19)

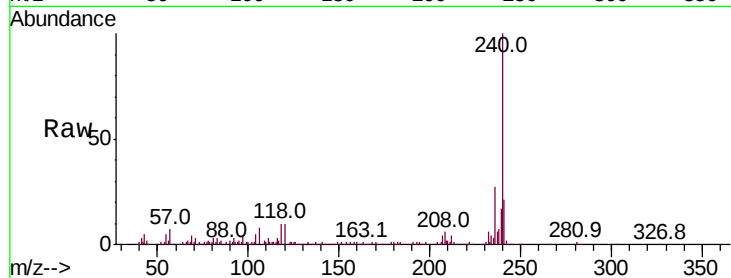
Tot Ion:240 Resp: 258303

Ion Ratio Lower Upper

240 100

120 10.0 8.1 12.1

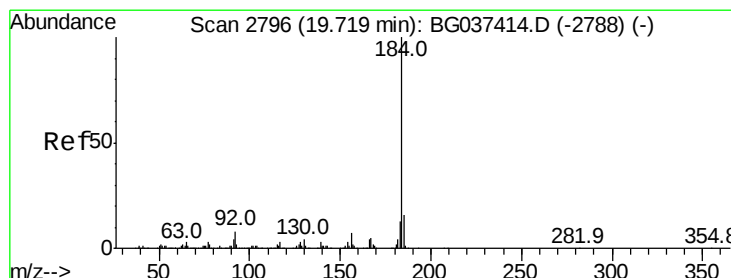
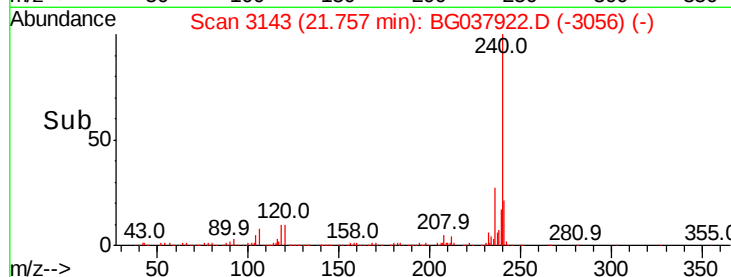
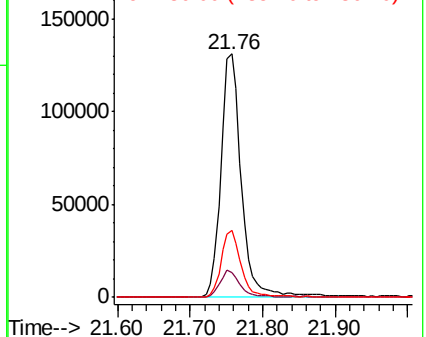
236 27.3 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 2.055 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.35 min

Lab File: BG037922.D

Acq: 9 Nov 2018 16:03

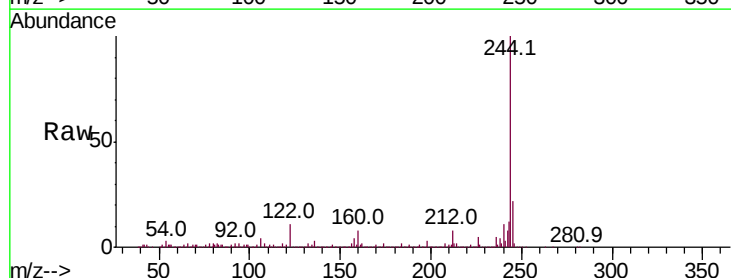
Tgt Ion:184 Resp: 18047

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

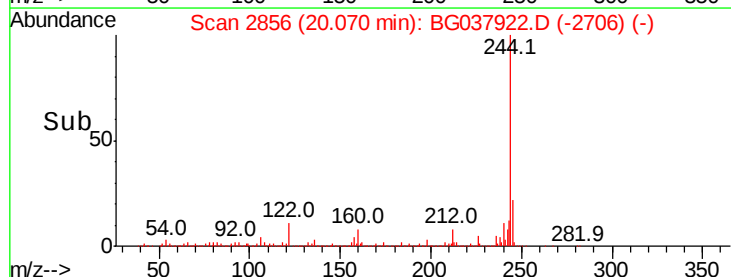
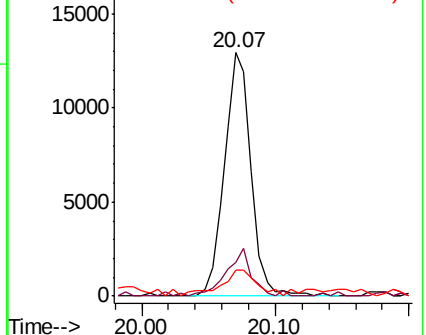
183 10.9 10.2 15.2

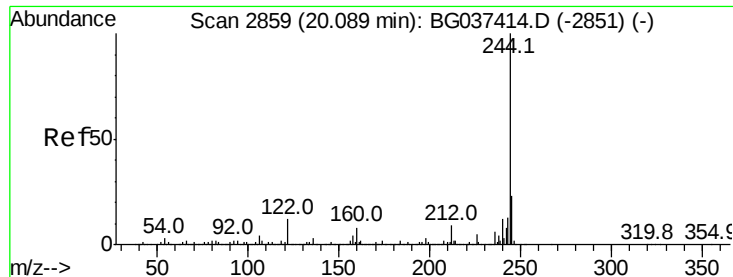


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 86.868 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG037922.D

Acq: 9 Nov 2018 16:03

Instrument :

BNA_G

ClientSampleId :

EP2-SB-111(17-19)

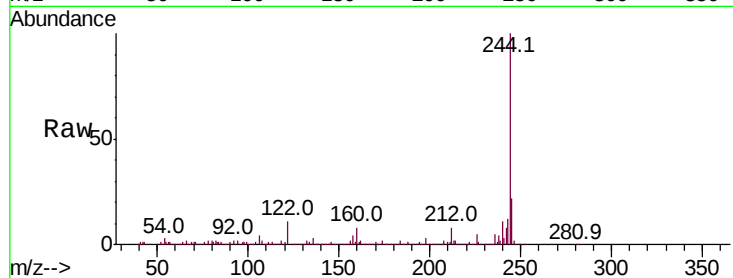
Tot Ion:244 Resp: 1050105

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

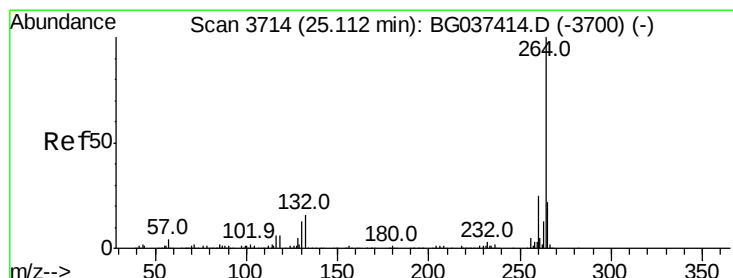
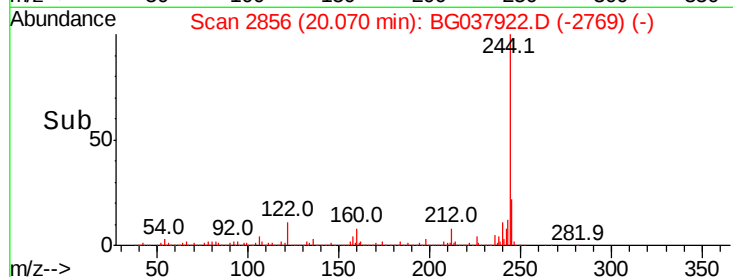
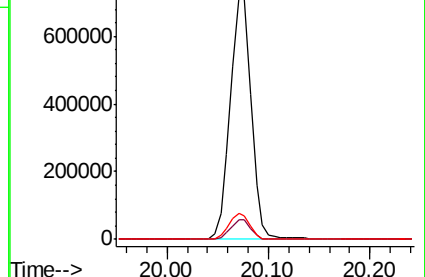
122 10.9 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3710

Delta R.T. -0.02 min

Lab File: BG037922.D

Acq: 9 Nov 2018 16:03

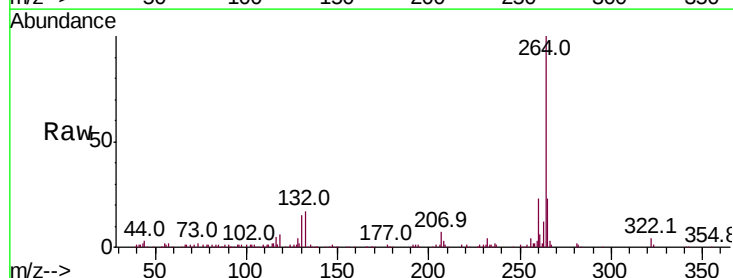
Tgt Ion:264 Resp: 241950

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 22.6 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

