

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
 Data File : BG037921.D
 Acq On : 9 Nov 2018 15:24
 Operator : JU/SJ
 Sample : J5860-22
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP2-SB-110(17-19)

Quant Time: Nov 12 06:09:04 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	8.11	152	52225	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	185559	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	131949	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	281068	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	250920	20.00	ng	-0.02
87) Perylene-d12	25.09	264	238559	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	371760	119.01	ng	0.00
7) Phenol-d6	7.25	99	518878	109.85	ng	0.00
23) Nitrobenzene-d5	9.30	82	349795	105.60	ng	0.02
42) 2,4,6-Tribromophenol	16.21	330	195065	135.54	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	768491	87.82	ng	-0.01
79) Terphenyl-d14	20.07	244	1073850	91.45	ng	-0.01

Target Compounds				Qvalue		
4) n-Nitrosodimethylamine	3.84	42	8756	6.157	ng	# 1
6) Aniline	7.49	93	24176	4.195	ng	# 1
9) Benzaldehyde	7.25	77	922730	312.285	ng	# 1
10) Phenol	7.28	94	44122	8.853	ng	# 62
11) bis(2-Chloroethyl)ether	7.96	93	26812	7.083	ng	# 90
15) Benzyl Alcohol	8.39	79	33056	9.471	ng	# 58
17) 2-Methylphenol	8.59	107	12274	3.725	ng	# 1
18) Hexachloroethane	9.23	117	1644186	1158.918	ng	# 1
19) n-Nitroso-di-n-propylamine	8.96	70	179349	55.139	ng	# 49
20) 3+4-Methylphenols	8.91	107	14780	3.137	ng	# 1
22) Acetophenone	8.91	105	2337123	502.204	ng	# 55
24) Nitrobenzene	9.31	77	236596	68.755	ng	# 5
25) Isophorone	9.84	82	55313	9.139	ng	# 1
26) 2-Nitrophenol	10.03	139	9409	6.070	ng	# 1
27) 2,4-Dimethylphenol	10.13	122	17113	6.183	ng	# 1
28) bis(2-Chloroethoxy)methane	10.34	93	57537	14.510	ng	# 86
29) 2,4-Dichlorophenol	10.57	162	10658	3.458	ng	# 7
31) Naphthalene	11.01	128	4897946	537.398	ng	# 72
33) 4-Chloroaniline	11.01	127	1129461	263.746	ng	# 36
35) Caprolactam	11.91	113	67901	54.937	ng	# 1
37) 2-Methylnaphthalene	12.60	142	3995346	601.358	ng	# 80
38) 1-Methylnaphthalene	12.81	142	2086592	323.395	ng	# 98
46) 1,1'-Biphenyl	13.56	154	162070	14.831	ng	# 99
48) 2-Nitroaniline	13.76	65	6933	2.765	ng	# 41
50) Dimethylphthalate	14.17	163	139164	13.633	ng	# 99
54) 2,4-Dinitrophenol	14.86	184	67	6.235	ng	# 1
56) 4-Nitrophenol	14.92	139	10916	5.883	ng	# 40
58) Fluorene	15.77	166	25558	2.690	ng	# 95
65) 4,6-Dinitro-2-methylphenol	15.87	198	72	8.548	ng	# 1
67) 4-Bromophenyl-phenylether	16.21	248	13901	4.504	ng	# 1
71) Phenanthrene	17.52	178	39737	2.782	ng	# 97
72) Anthracene	17.52	178	39737	2.835	ng	# 95
77) Benzdine	20.07	184	18613	2.182	ng	# 92

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QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

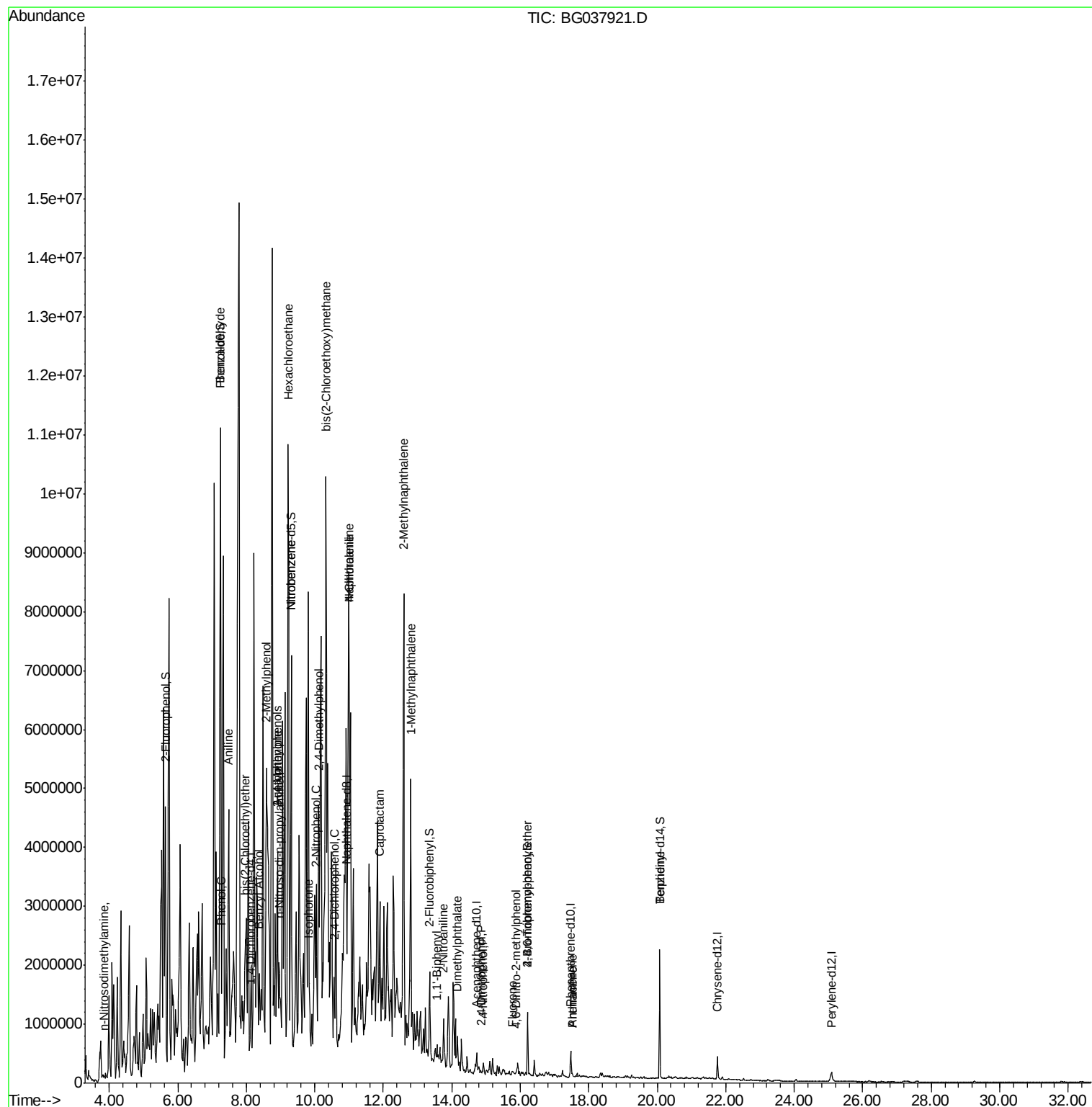
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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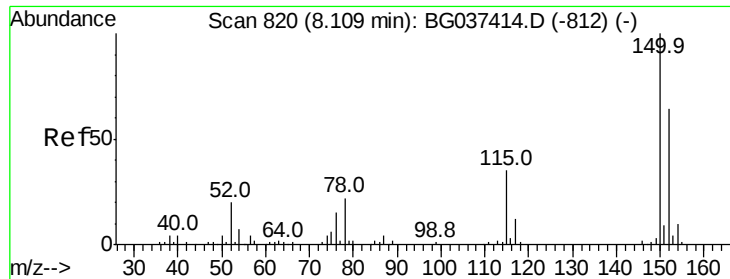
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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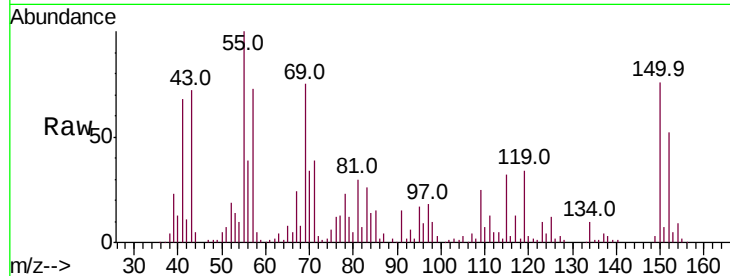


#1

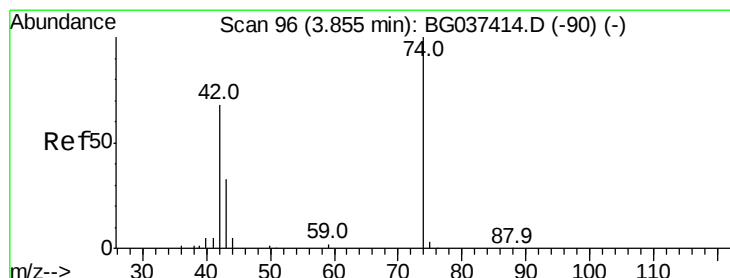
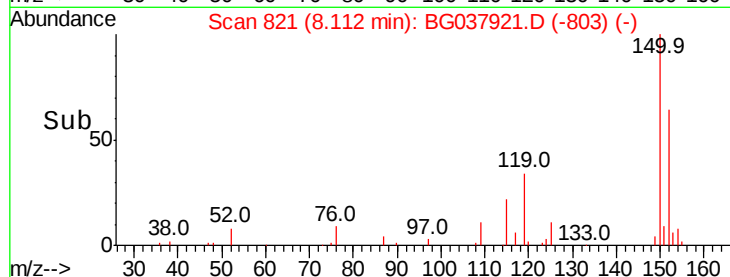
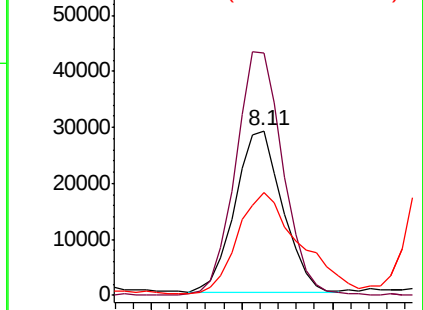
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

Instrument :
BNA_G
ClientSampleId :
EP2-SB-110(17-19)

Tot Ion:152 Resp: 52225
Ion Ratio Lower Upper
152 100
150 147.8 126.0 189.0
115 62.4 45.5 68.3



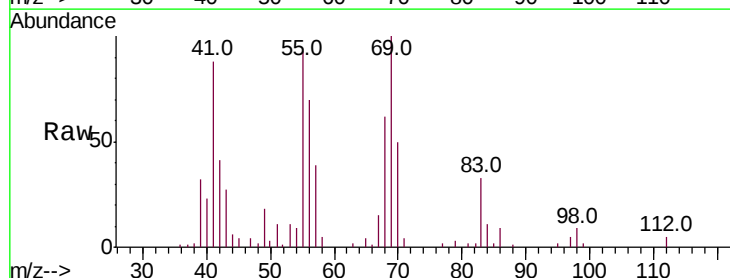
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



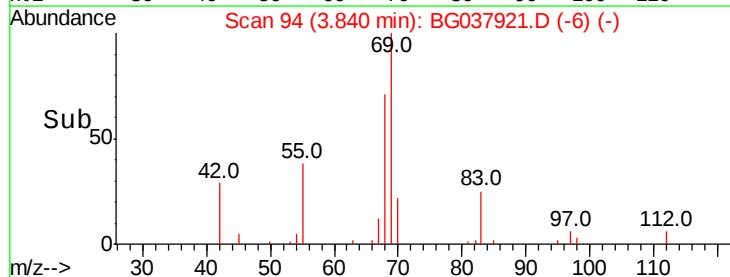
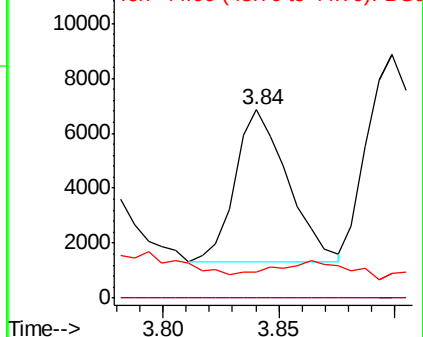
#4

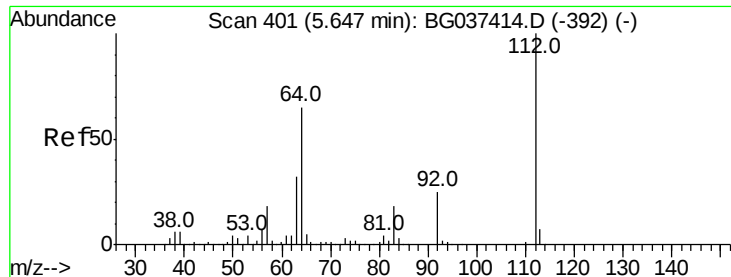
n-Nitrosodimethylamine
Concen: 6.157 ng
RT: 3.84 min Scan# 94
Delta R.T. -0.01 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

Tgt Ion: 42 Resp: 8756
Ion Ratio Lower Upper
42 100
74 0.0 102.0 153.0#
44 13.5 9.6 14.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 119.010 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037921.D

Acq: 9 Nov 2018 15:24

Instrument :

BNA_G

ClientSampleId :

EP2-SB-110(17-19)

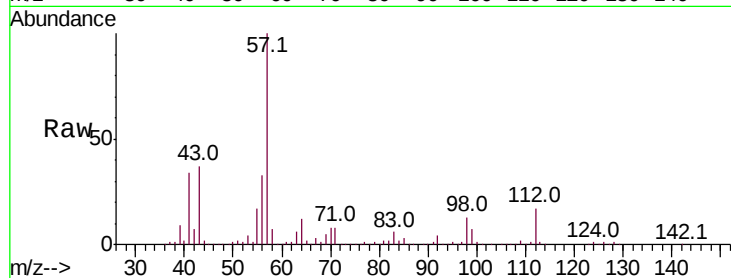
Tot Ion:112 Resp: 371760

Ion Ratio Lower Upper

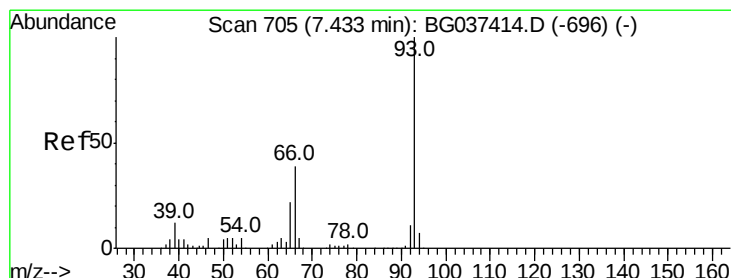
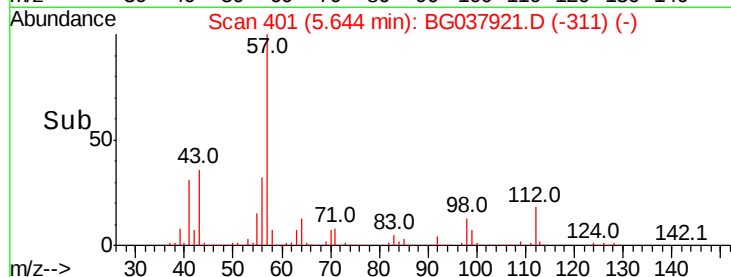
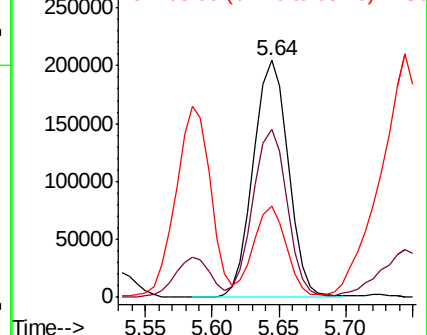
112 100

64 71.1 53.1 79.7

63 38.4 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



#6

Aniline

Concen: 4.195 ng

RT: 7.49 min Scan# 715

Delta R.T. 0.06 min

Lab File: BG037921.D

Acq: 9 Nov 2018 15:24

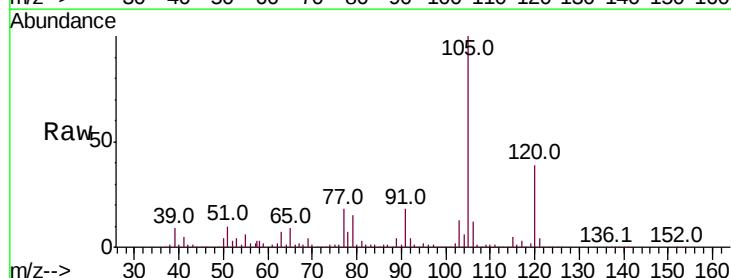
Tgt Ion: 93 Resp: 24176

Ion Ratio Lower Upper

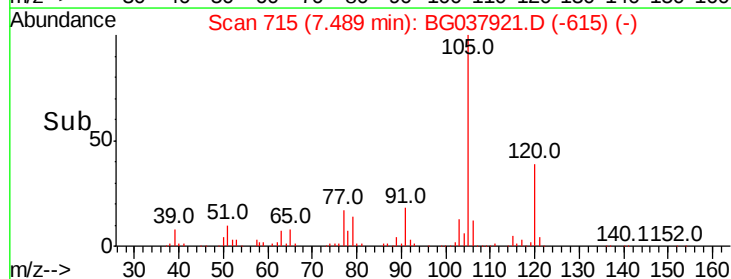
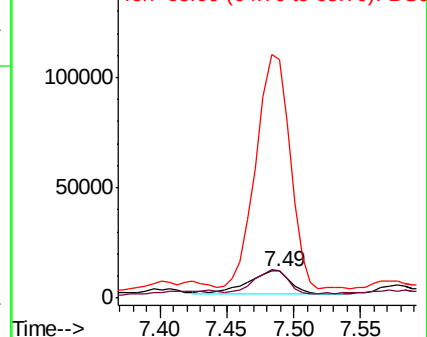
93 100

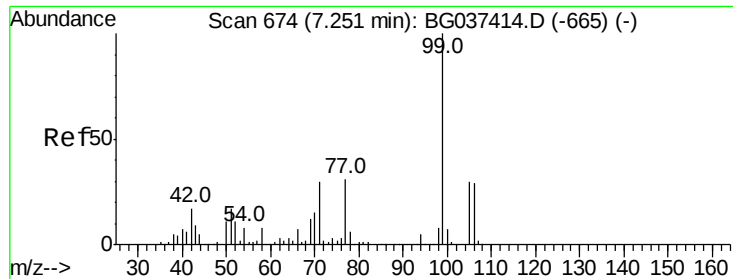
66 98.4 32.8 49.2#

65 875.0 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 109.849 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037921.D

Acq: 9 Nov 2018 15:24

Instrument :

BNA_G

ClientSampleId :

EP2-SB-110(17-19)

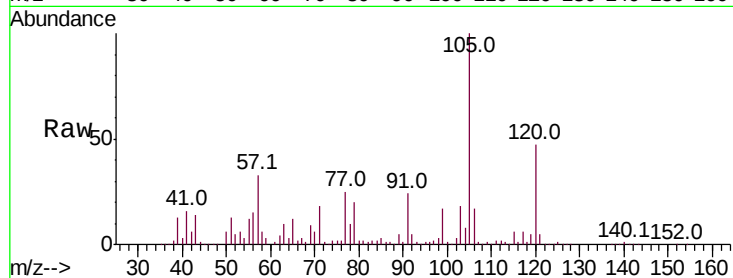
Tot Ion: 99 Resp: 518878

Ion Ratio Lower Upper

99 100

42 31.8 15.0 22.4#

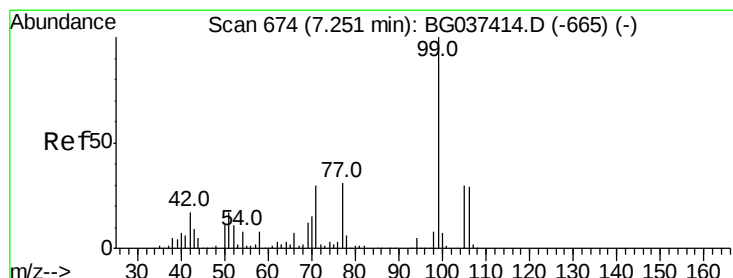
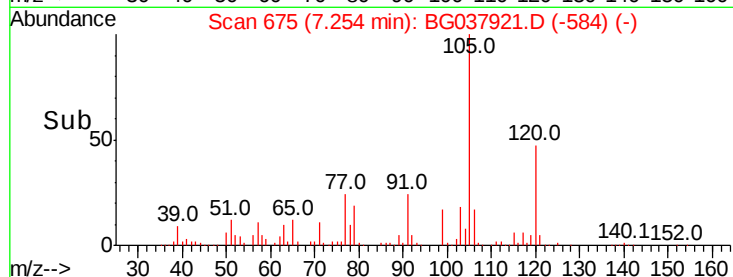
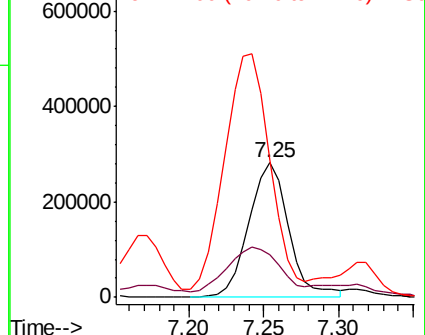
71 102.1 25.5 38.3#



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: 312.285 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037921.D

Acq: 9 Nov 2018 15:24

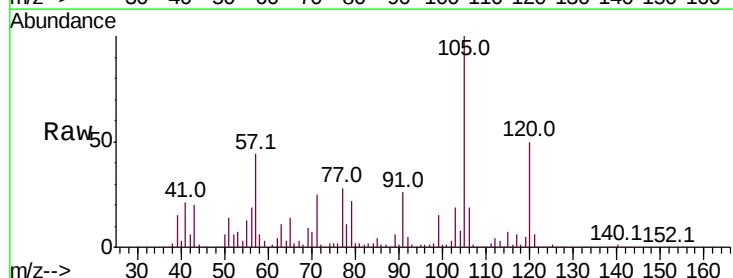
Tgt Ion: 77 Resp: 922730

Ion Ratio Lower Upper

77 100

105 361.7 72.6 112.6#

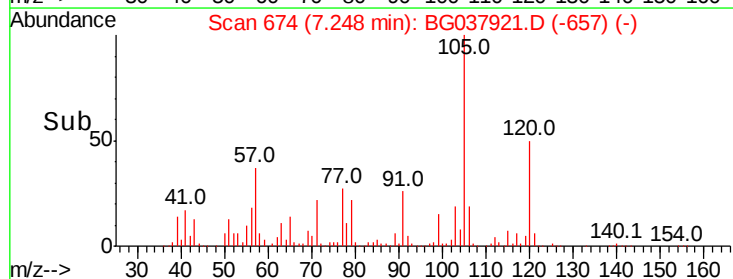
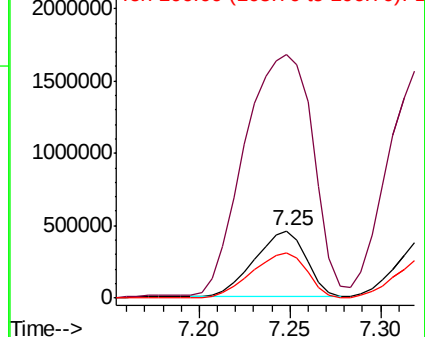
106 67.7 71.3 111.3#

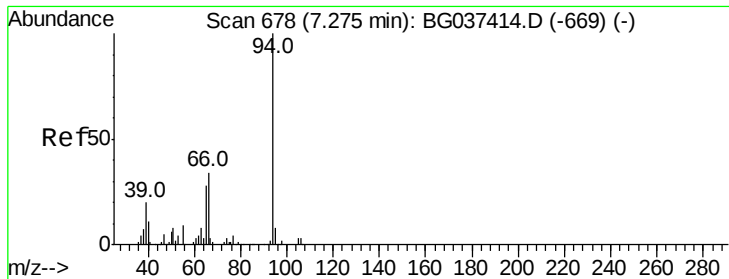


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#10

Phenol

Concen: 8.853 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037921.D

Acq: 9 Nov 2018 15:24

Instrument :

BNA_G

ClientSampleId :

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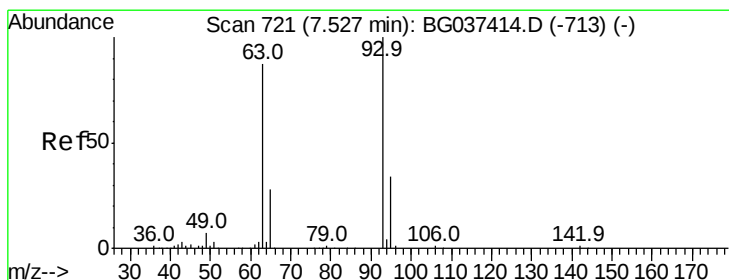
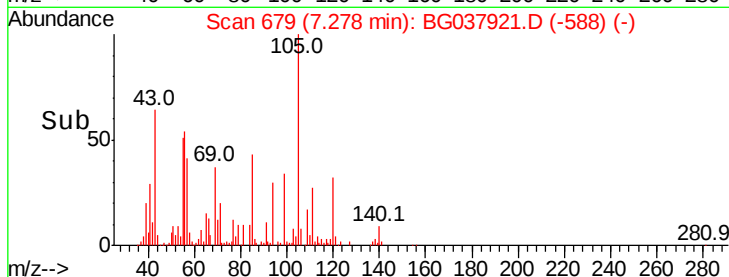
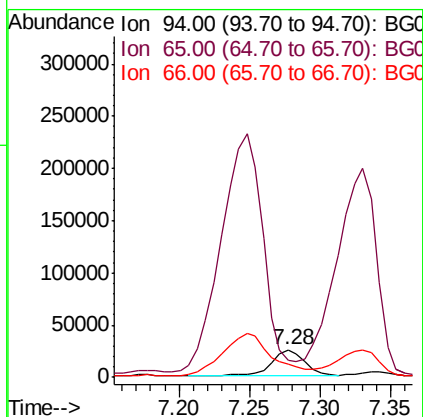
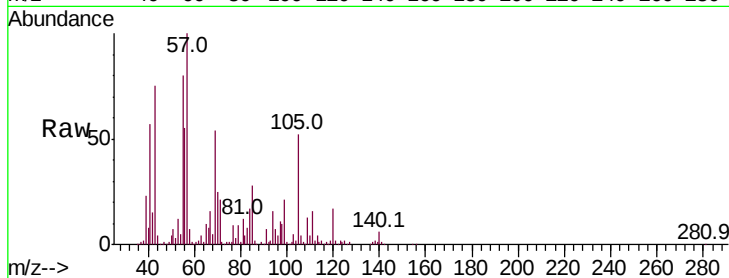
Tot Ion: 94 Resp: 44122

Ion Ratio Lower Upper

94 100

65 62.7 9.7 49.7#

66 47.4 15.9 55.9



#11

bis(2-Chloroethyl)ether

Concen: 7.083 ng

RT: 7.96 min Scan# 795

Delta R.T. 0.43 min

Lab File: BG037921.D

Acq: 9 Nov 2018 15:24

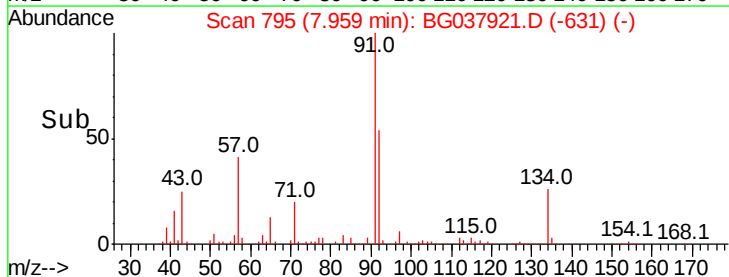
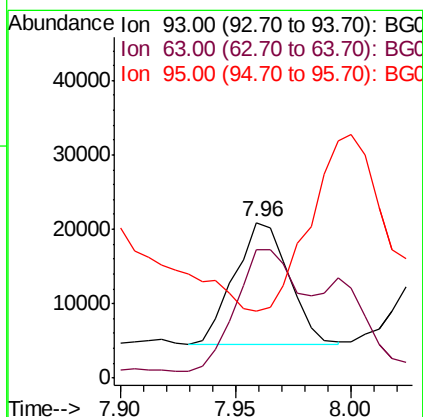
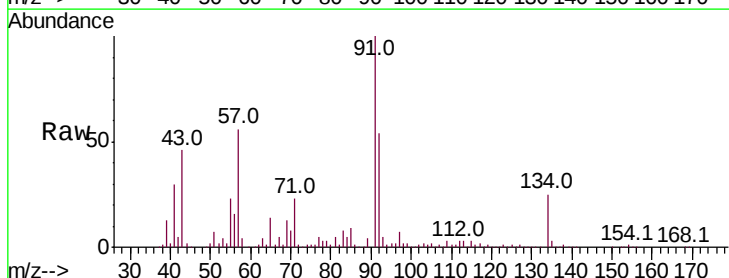
Tgt Ion: 93 Resp: 26812

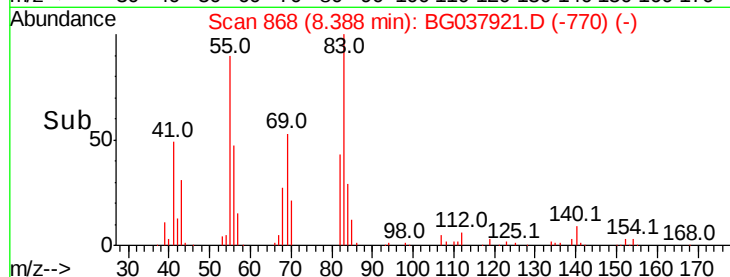
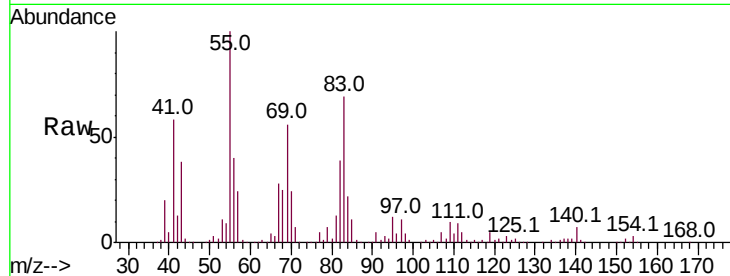
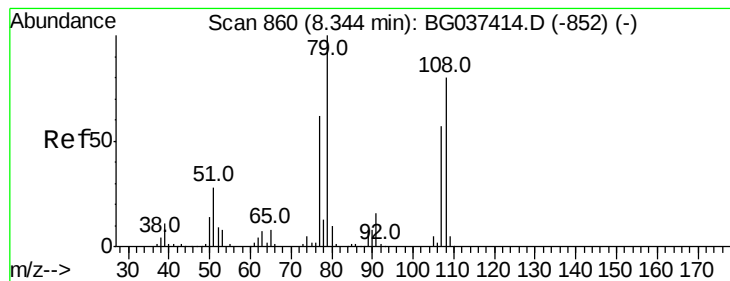
Ion Ratio Lower Upper

93 100

63 82.8 69.5 109.5

95 43.5 12.6 52.6





#15

Benzyl Alcohol

Concen: 9.471 ng

RT: 8.39 min Scan# 868

Delta R.T. 0.04 min

Lab File: BG037921.D

Acq: 9 Nov 2018 15:24

Instrument :

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ClientSampleId :

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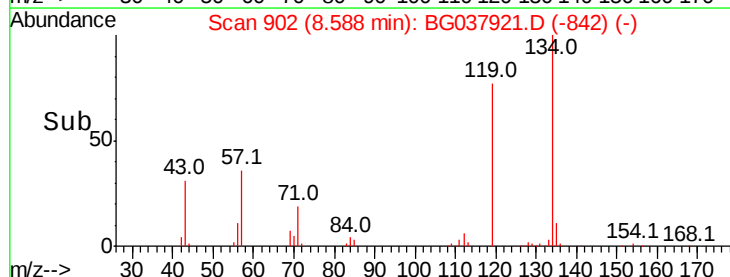
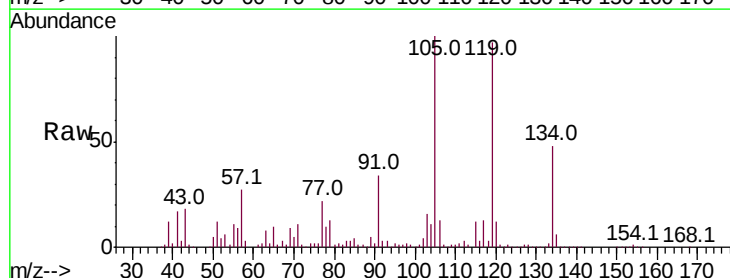
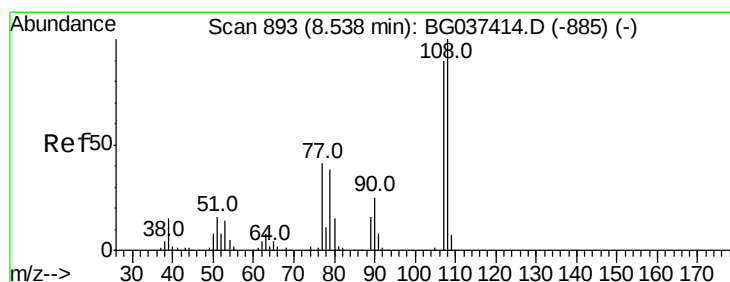
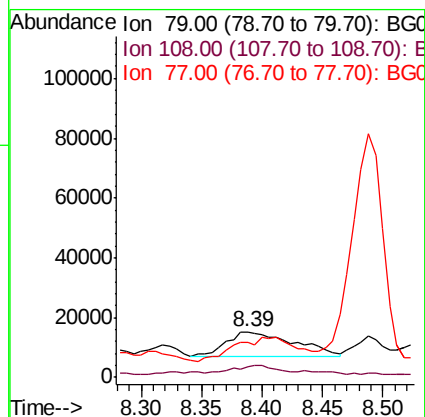
Tot Ion: 79 Resp: 33056

Ion Ratio Lower Upper

79 100

108 22.5 65.8 98.8#

77 75.8 52.9 79.3



#17

2-Methylphenol

Concen: 3.725 ng

RT: 8.59 min Scan# 902

Delta R.T. 0.05 min

Lab File: BG037921.D

Acq: 9 Nov 2018 15:24

Tgt Ion: 107 Resp: 12274

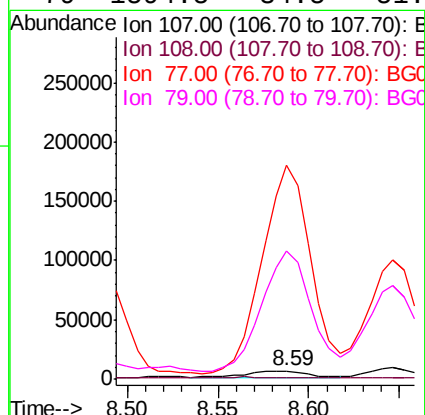
Ion Ratio Lower Upper

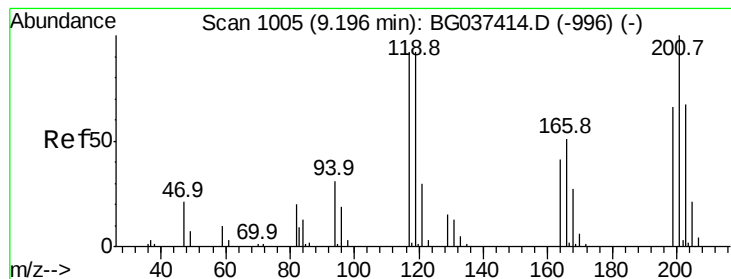
107 100

108 14.3 87.9 131.9#

77 2654.0 35.1 52.7#

79 1594.5 34.5 51.7#





#18

Hexachloroethane

Concen: 1158.918 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.03 min

Lab File: BG037921.D

Acq: 9 Nov 2018 15:24

Instrument :

BNA_G

ClientSampleId :

EP2-SB-110(17-19)

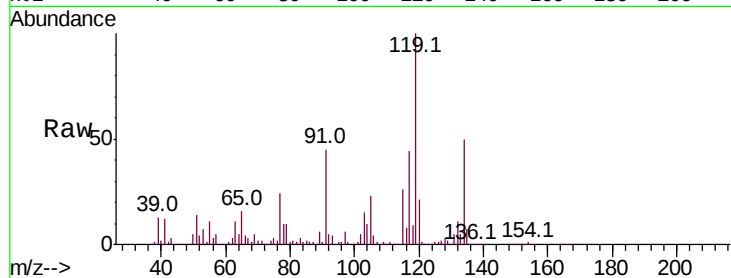
Tot Ion:117 Resp: 1644186

Ion Ratio Lower Upper

117 100

119 228.5 74.6 111.8#

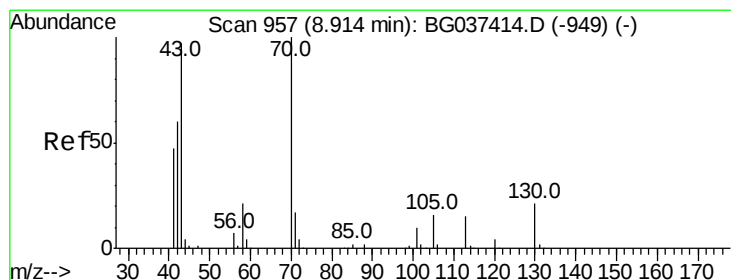
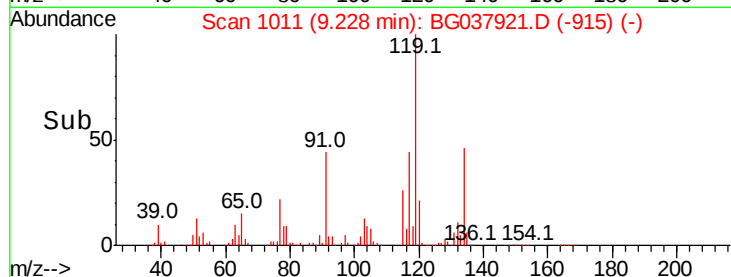
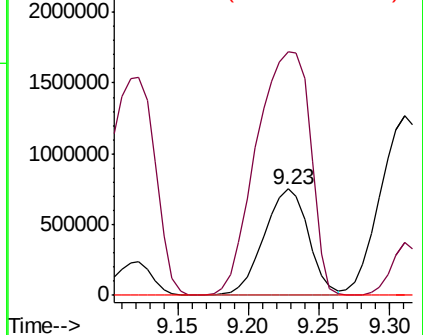
201 0.0 80.8 121.2#



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: 55.139 ng

RT: 8.96 min Scan# 966

Delta R.T. 0.05 min

Lab File: BG037921.D

Acq: 9 Nov 2018 15:24

Tgt Ion: 70 Resp: 179349

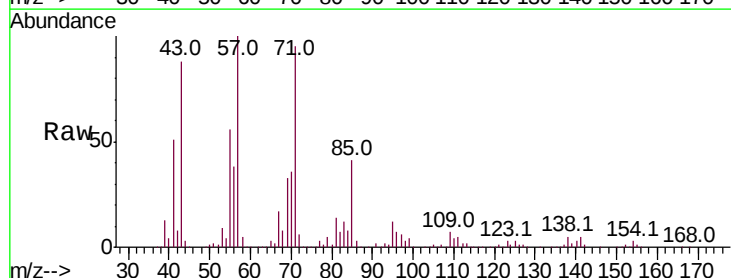
Ion Ratio Lower Upper

70 100

42 22.8 53.9 80.9#

101 0.0 8.2 12.2#

130 0.0 18.2 27.4#

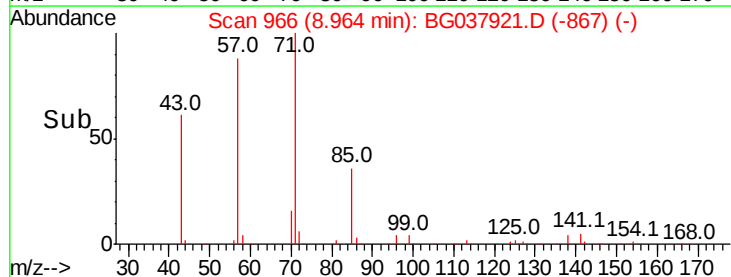
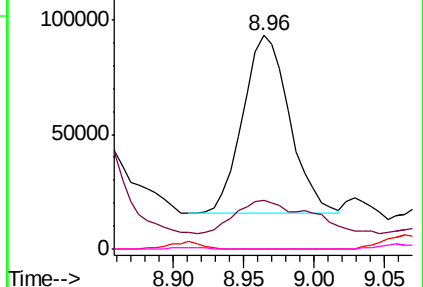


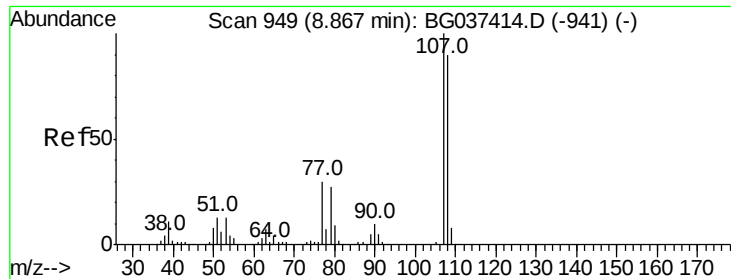
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

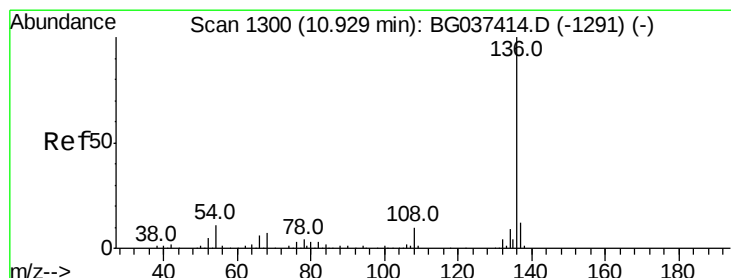
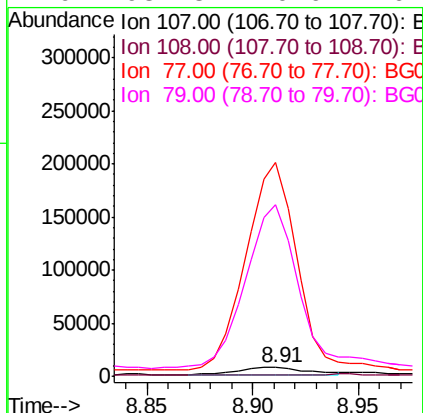
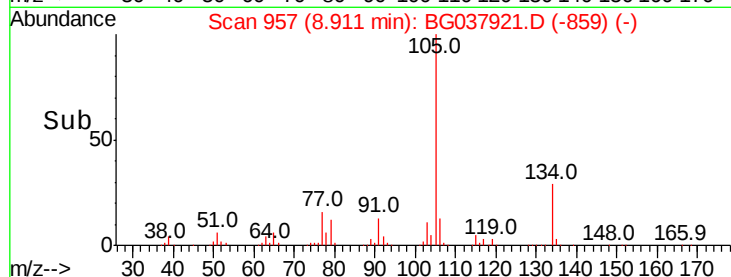
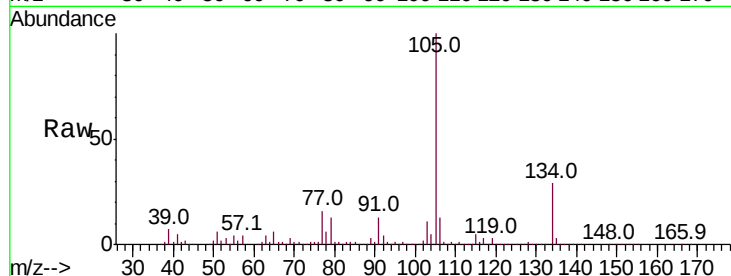




#20
3+4-Methylphenols
Concen: 3.137 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.04 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

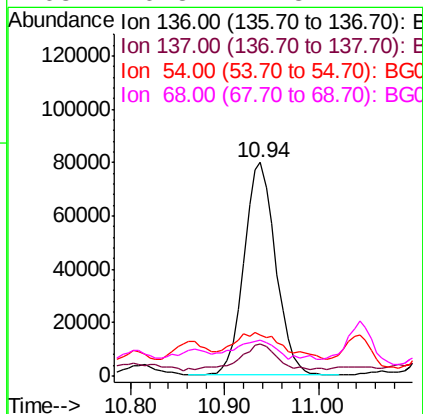
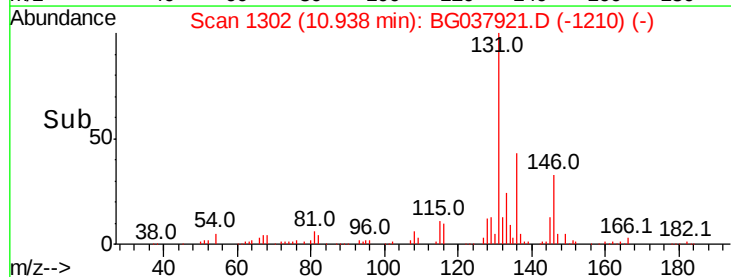
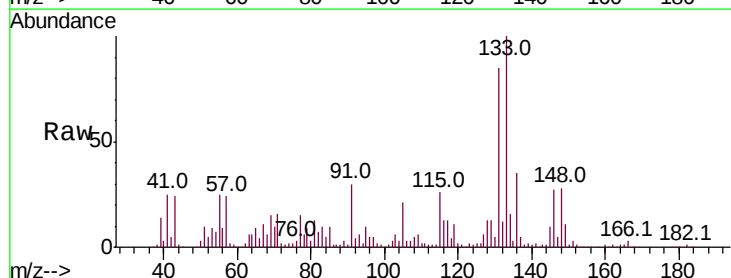
Instrument :
BNA_G
ClientSampleId :
EP2-SB-110(17-19)

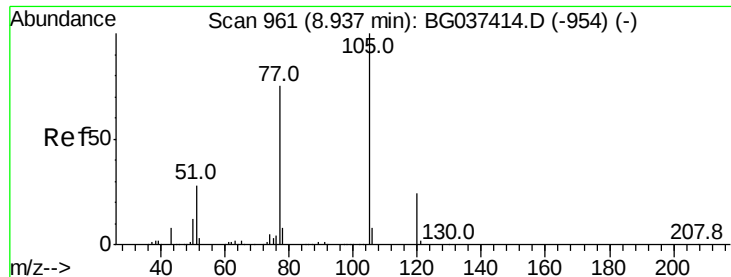
Tot Ion:107 Resp: 14780
Ion Ratio Lower Upper
107 100
108 16.6 69.9 109.9#
77 2409.5 11.2 51.2#
79 1934.3 6.6 46.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

Tgt Ion:136 Resp: 185559
Ion Ratio Lower Upper
136 100
137 14.8 9.6 14.4#
54 19.1 7.9 11.9#
68 16.8 4.8 7.2#





#22

Acetophenone

Concen: 502.204 ng

RT: 8.91 min Scan# 957

Delta R.T. -0.03 min

Lab File: BG037921.D

Acq: 9 Nov 2018 15:24

Instrument :

BNA_G

ClientSampleId :

EP2-SB-110(17-19)

Tot Ion:105 Resp: 2337123

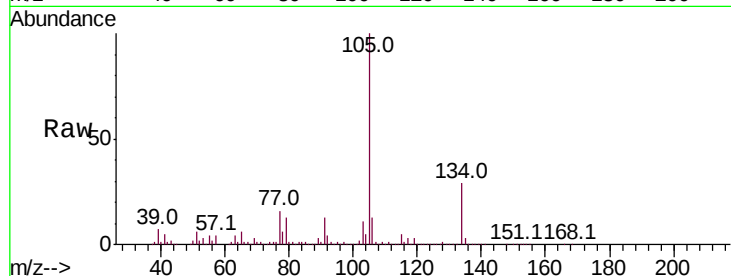
Ion Ratio Lower Upper

105 100

71 1.0 1.2 1.8#

51 6.3 25.0 37.6#

120 0.3 18.6 28.0#

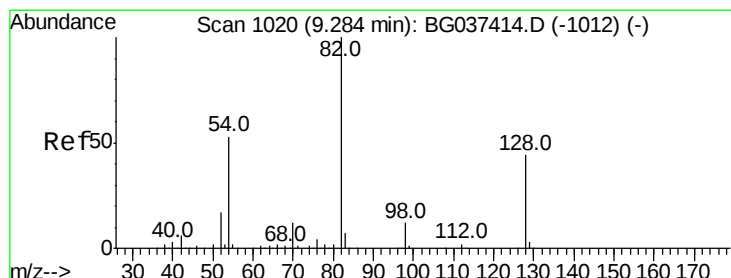
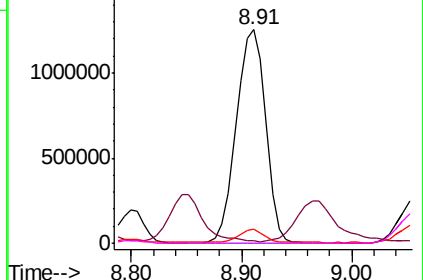
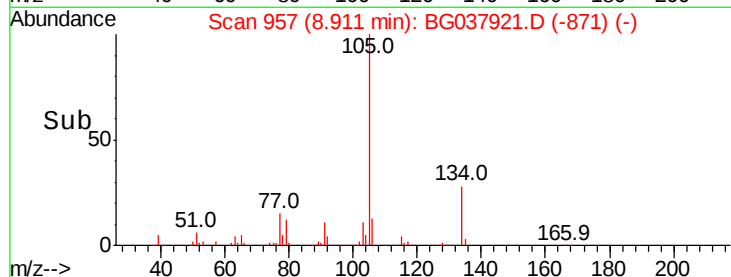


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 105.601 ng

RT: 9.30 min Scan# 1024

Delta R.T. 0.02 min

Lab File: BG037921.D

Acq: 9 Nov 2018 15:24

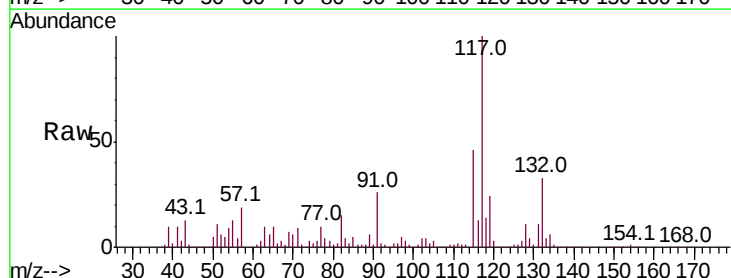
Tgt Ion: 82 Resp: 349795

Ion Ratio Lower Upper

82 100

128 72.7 34.6 51.8#

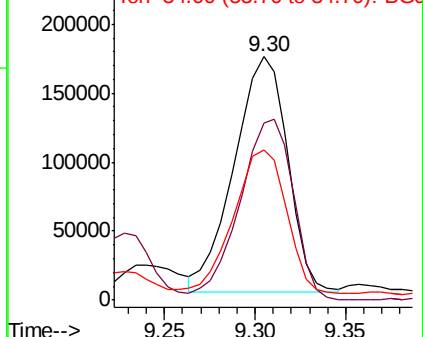
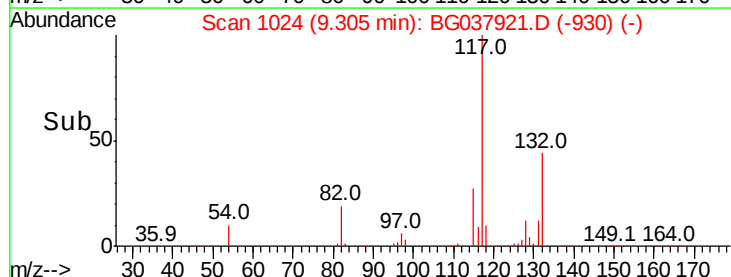
54 61.8 45.3 67.9

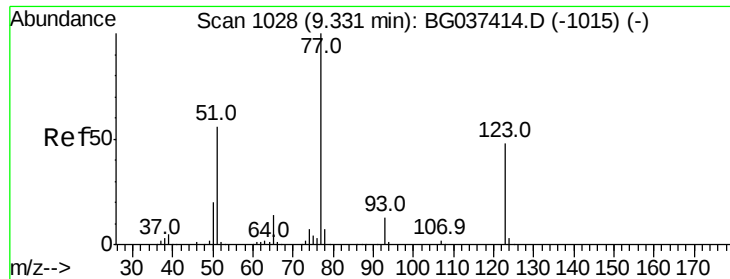


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

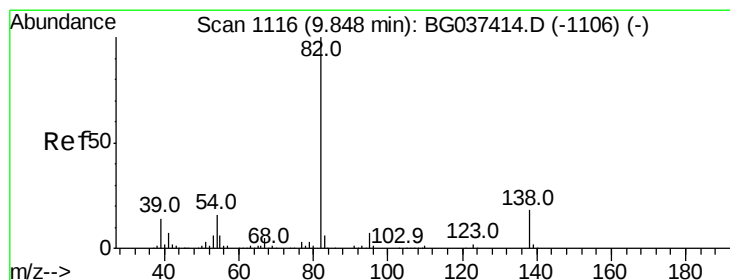
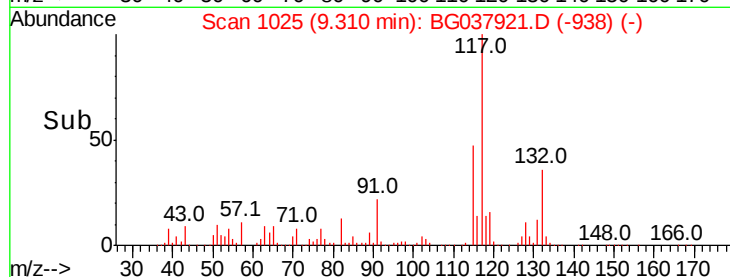
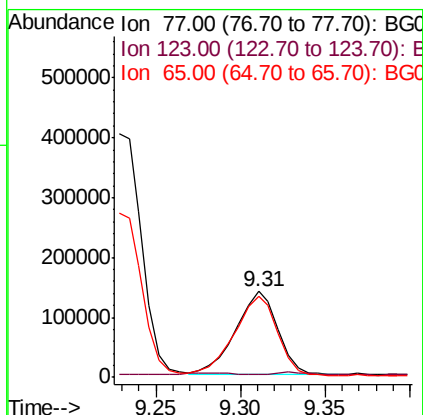
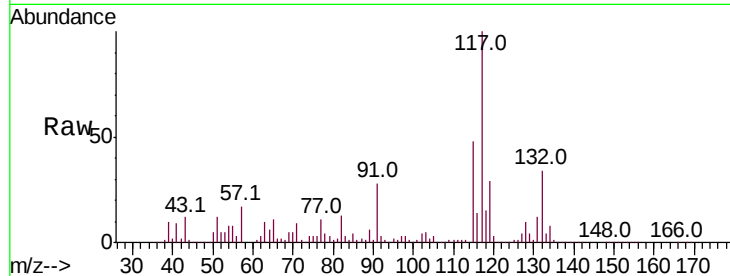




#24
Nitrobenzene
Concen: 68.755 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

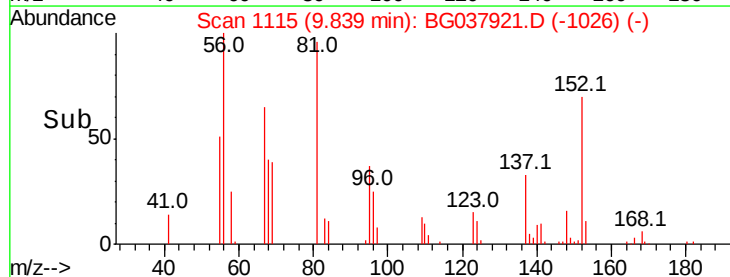
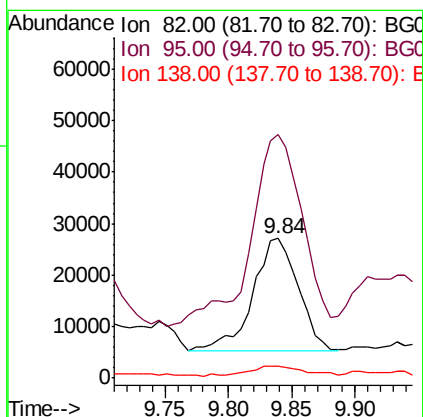
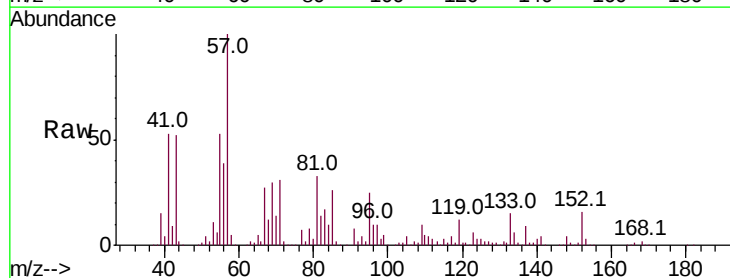
Instrument :
BNA_G
ClientSampleId :
EP2-SB-110(17-19)

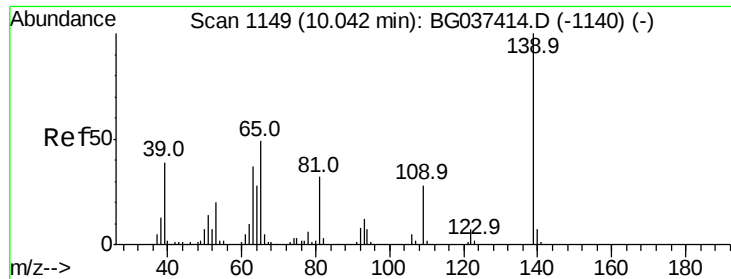
Tot Ion: 77 Resp: 236596
Ion Ratio Lower Upper
77 100
123 3.3 33.6 50.4#
65 93.8 11.3 16.9#



#25
Isophorone
Concen: 9.139 ng
RT: 9.84 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

Tgt Ion: 82 Resp: 55313
Ion Ratio Lower Upper
82 100
95 174.3 5.3 7.9#
138 9.0 13.3 19.9#





#26

2-Nitrophenol

Concen: 6.070 ng

RT: 10.03 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BG037921.D

Acq: 9 Nov 2018 15:24

Instrument :

BNA_G

ClientSampleId :

EP2-SB-110(17-19)

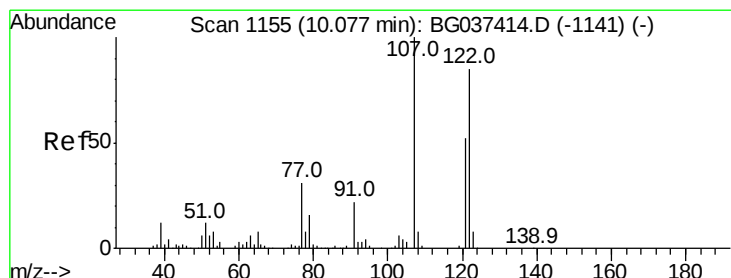
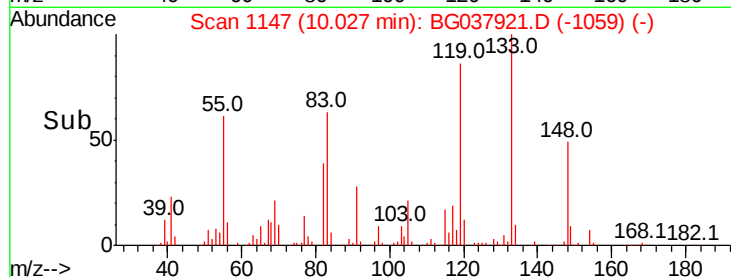
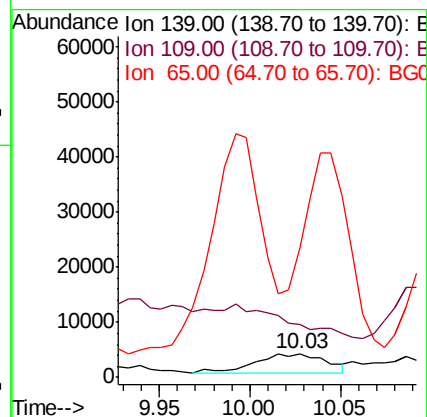
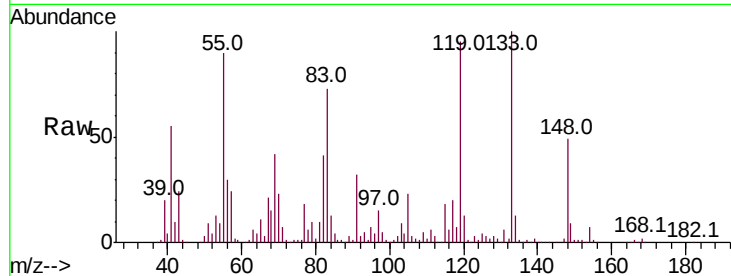
Tot Ion:139 Resp: 9409

Ion Ratio Lower Upper

139 100

109 224.4 23.3 34.9#

65 553.3 39.8 59.8#



#27

2,4-Dimethylphenol

Concen: 6.183 ng

RT: 10.13 min Scan# 1164

Delta R.T. 0.05 min

Lab File: BG037921.D

Acq: 9 Nov 2018 15:24

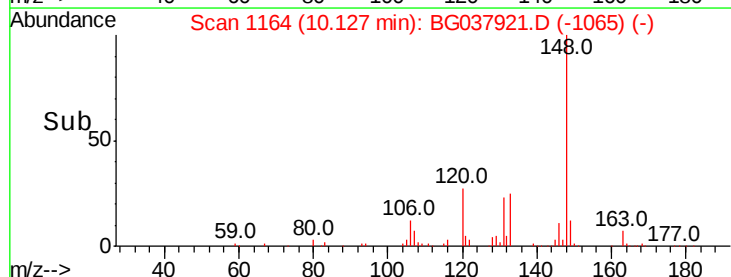
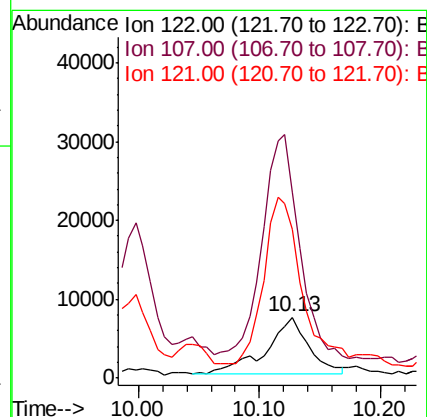
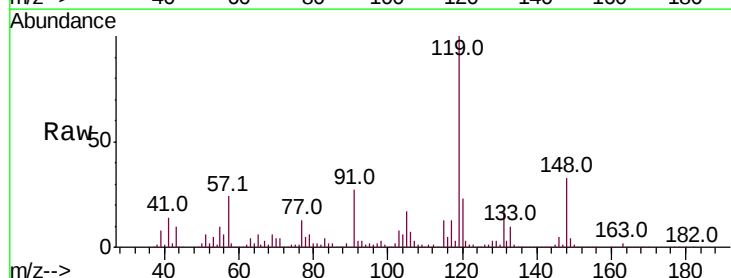
Tgt Ion:122 Resp: 17113

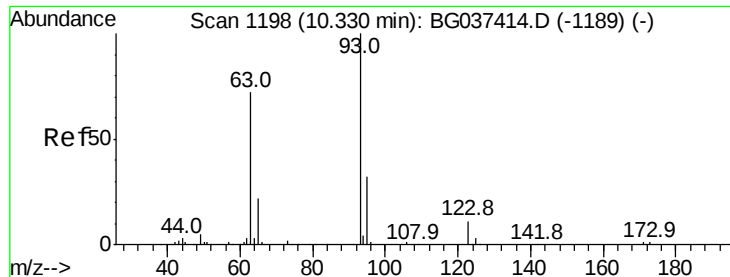
Ion Ratio Lower Upper

122 100

107 304.2 94.2 141.2#

121 243.8 47.3 70.9#

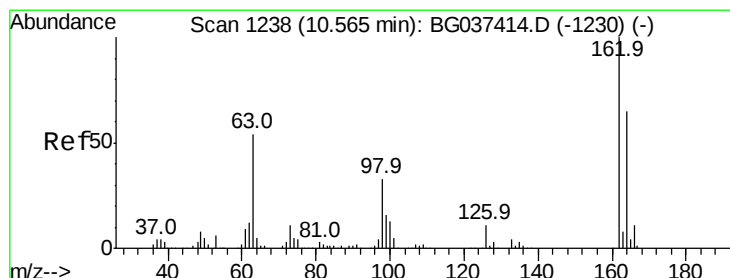
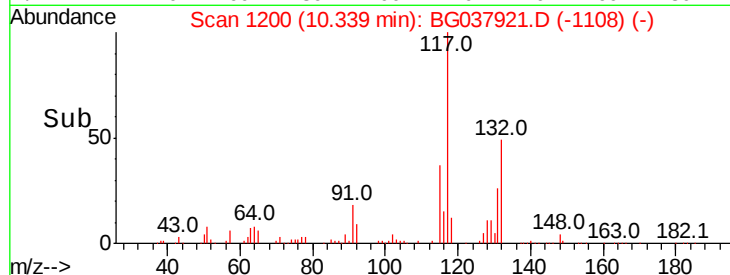
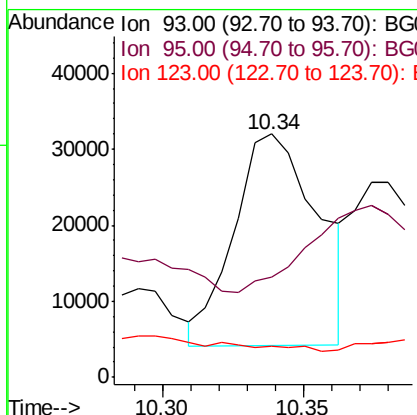
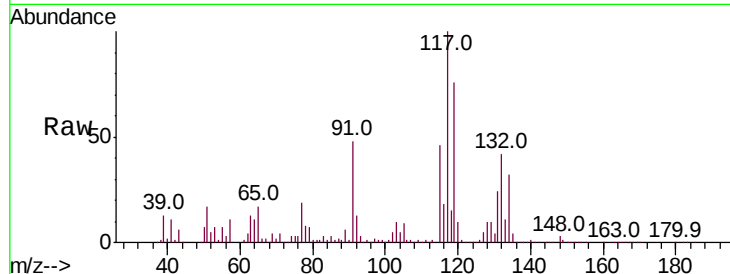




#28
 bis(2-Chloroethoxy)methane
 Concen: 14.510 ng
 RT: 10.34 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BG037921.D
 Acq: 9 Nov 2018 15:24

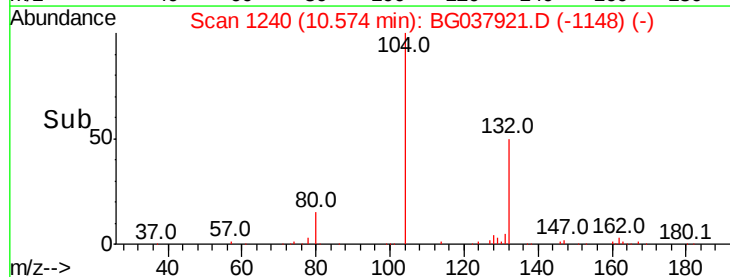
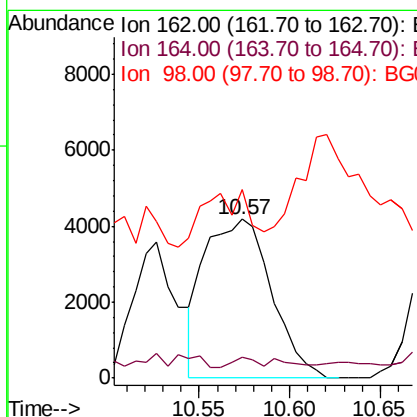
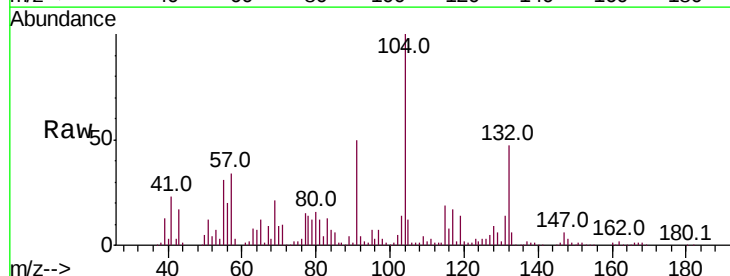
Instrument :
 BNA_G
 ClientSampleId :
 EP2-SB-110(17-19)

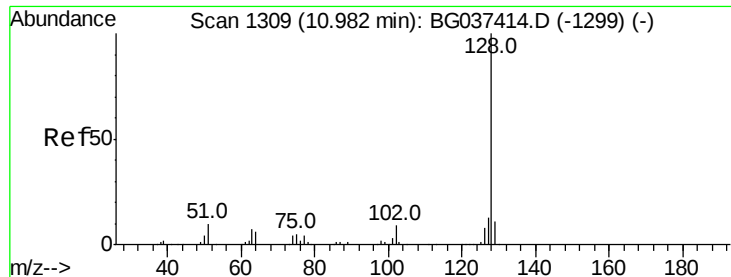
Tot Ion: 93 Resp: 57537
 Ion Ratio Lower Upper
 93 100
 95 41.0 24.6 37.0#
 123 12.7 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 3.458 ng
 RT: 10.57 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: BG037921.D
 Acq: 9 Nov 2018 15:24

Tgt Ion: 162 Resp: 10658
 Ion Ratio Lower Upper
 162 100
 164 12.8 43.2 83.2#
 98 119.1 16.0 56.0#

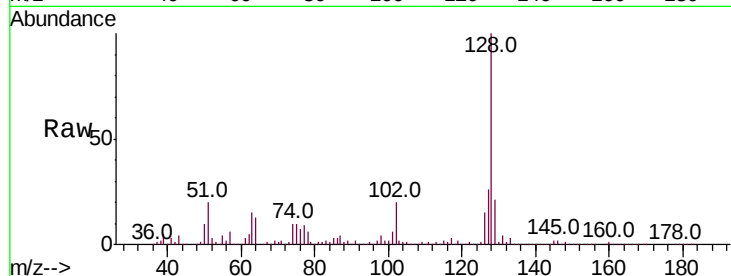




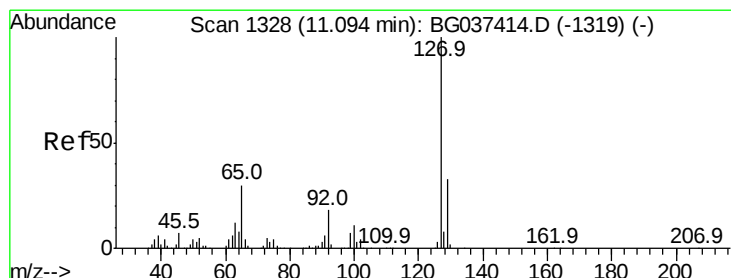
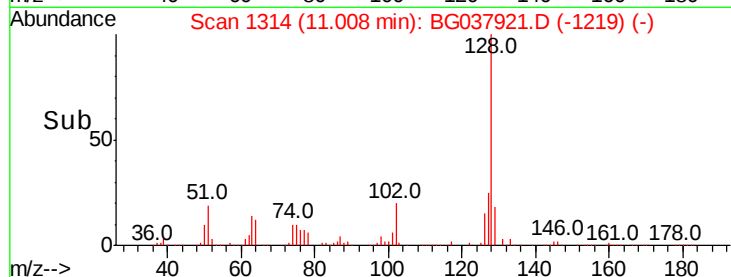
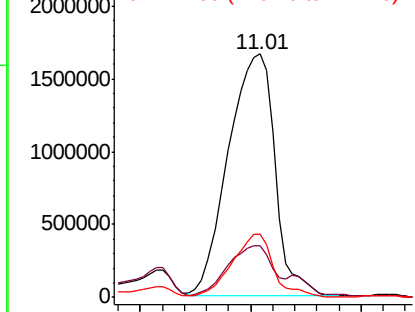
#31
Naphthalene
Concen: 537.398 ng
RT: 11.01 min Scan# 1314
Delta R.T. 0.03 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

Instrument :
BNA_G
ClientSampleId :
EP2-SB-110(17-19)

Tot Ion:128 Resp: 4897946
Ion Ratio Lower Upper
128 100
129 20.9 9.0 13.6#
127 25.8 11.1 16.7#

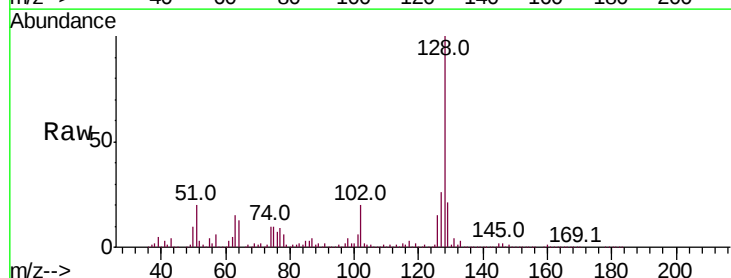


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

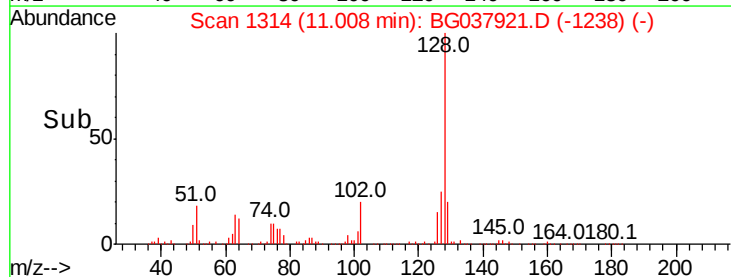
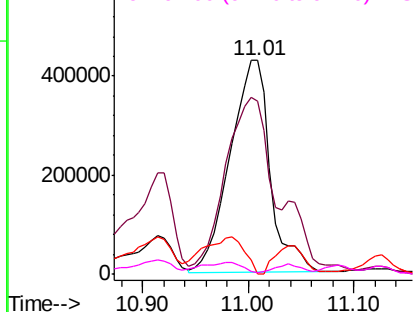


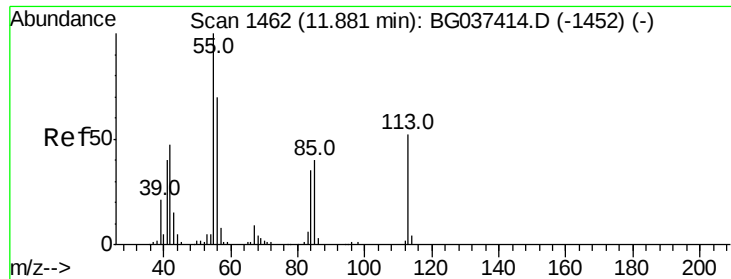
#33
4-Chloroaniline
Concen: 263.746 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.09 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

Tgt Ion:127 Resp: 1129461
Ion Ratio Lower Upper
127 100
129 81.1 27.1 40.7#
65 0.0 26.6 39.8#
92 0.8 16.4 24.6#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC





#35

Caprolactam

Concen: 54.937 ng

RT: 11.91 min Scan# 1467

Delta R.T. 0.03 min

Lab File: BG037921.D

Acq: 9 Nov 2018 15:24

Instrument :

BNA_G

ClientSampleId :

EP2-SB-110(17-19)

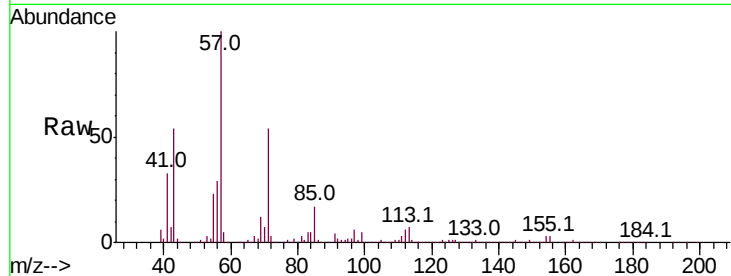
Tot Ion:113 Resp: 67901

Ion Ratio Lower Upper

113 100

55 324.8 176.6 216.6#

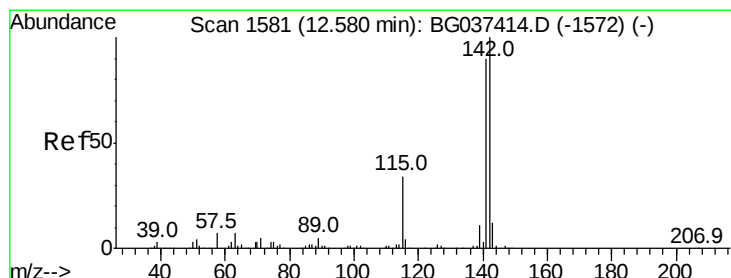
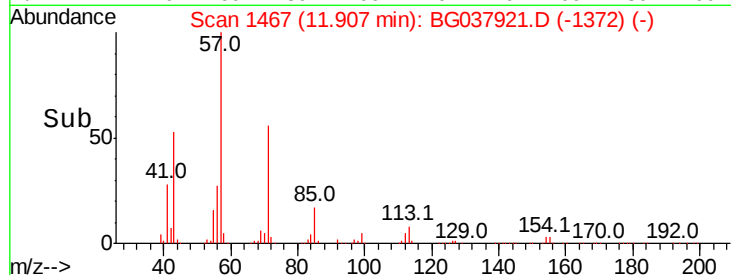
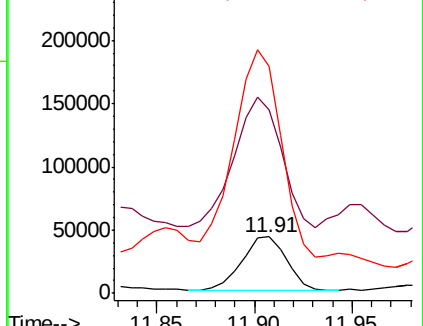
56 401.1 128.3 168.3#



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

2-Methylnaphthalene

Concen: 601.358 ng

RT: 12.60 min Scan# 1585

Delta R.T. 0.02 min

Lab File: BG037921.D

Acq: 9 Nov 2018 15:24

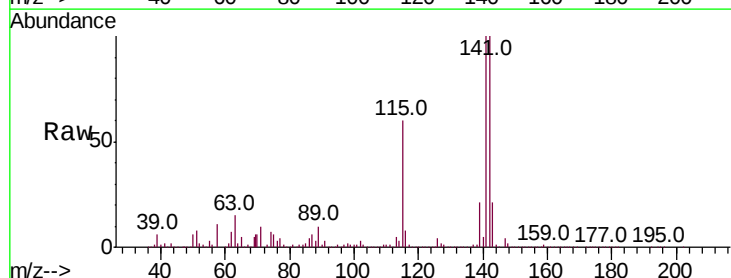
Tgt Ion:142 Resp: 3995346

Ion Ratio Lower Upper

142 100

141 99.7 71.9 107.9

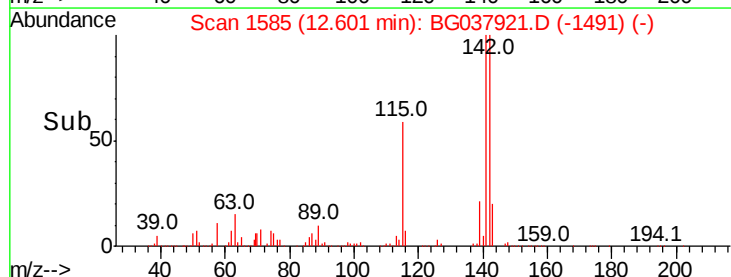
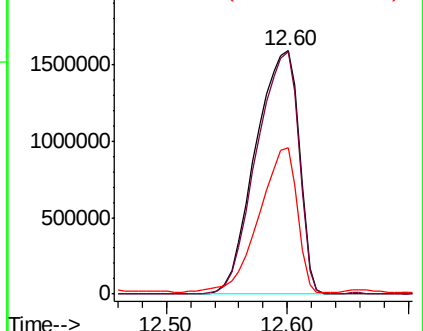
115 60.2 27.8 41.8#

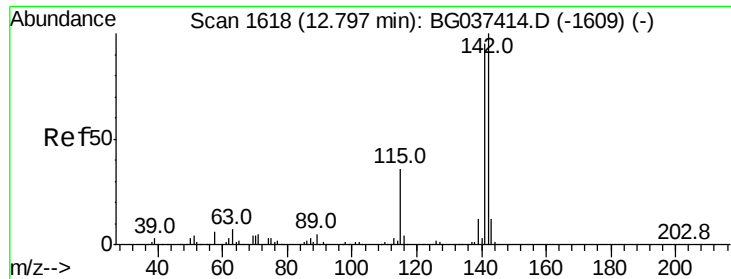


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

1-Methylnaphthalene

Concen: 323.395 ng

RT: 12.81 min Scan# 1620

Delta R.T. 0.01 min

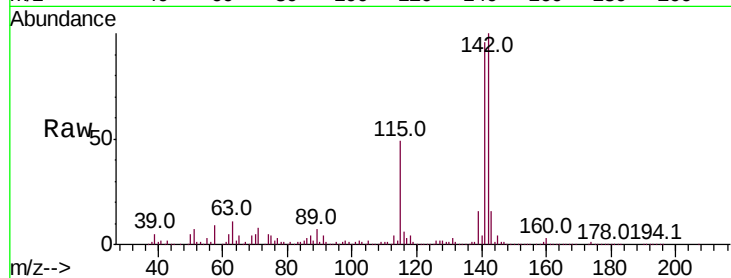
Lab File: BG037921.D

Acq: 9 Nov 2018 15:24

Instrument :
BNA_G
ClientSampleId :
EP2-SB-110(17-19)

Tot Ion:142 Resp: 2086592

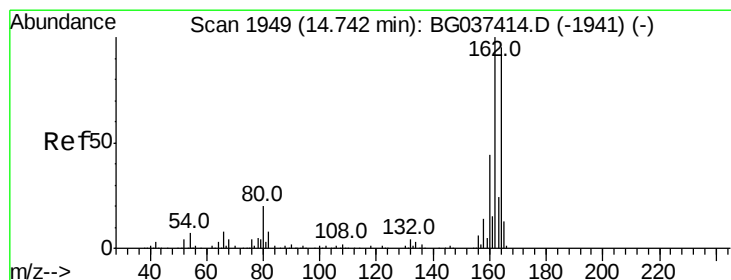
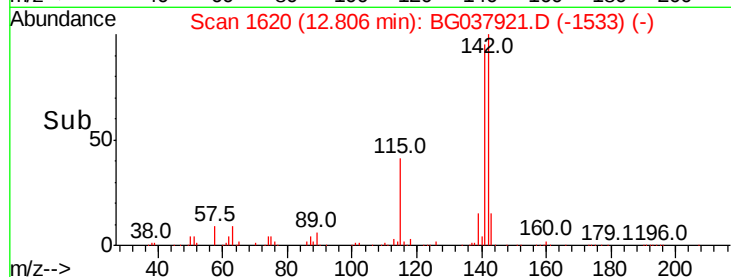
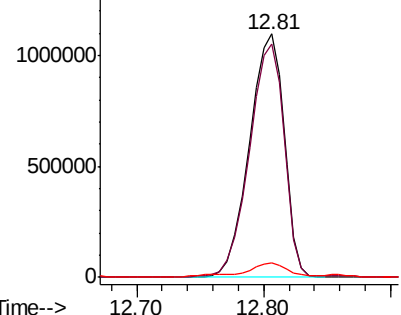
Ion	Ratio	Lower	Upper
142	100		
141	95.6	75.2	112.8
116	6.1	3.3	4.9#



Abundance Ion 142.00 (141.70 to 142.70): E

1500000 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

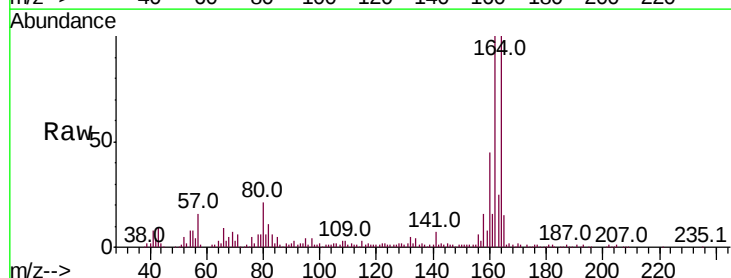
Delta R.T. -0.01 min

Lab File: BG037921.D

Acq: 9 Nov 2018 15:24

Tgt Ion:164 Resp: 131949

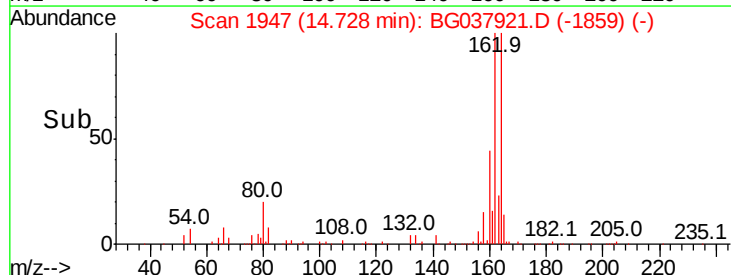
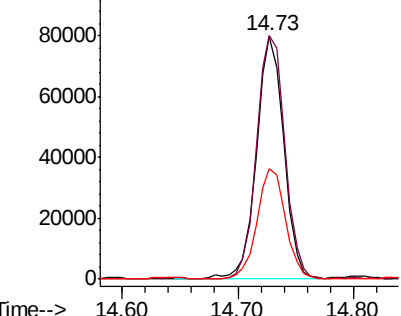
Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.3	121.9
160	45.3	36.3	54.5

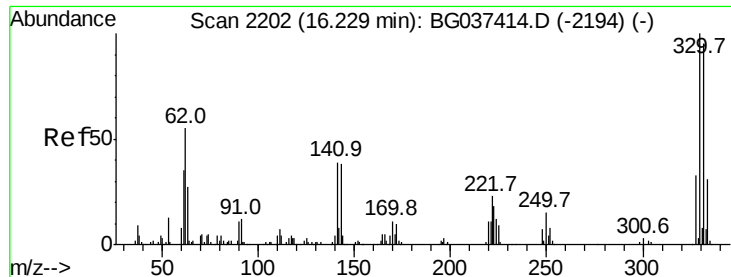


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

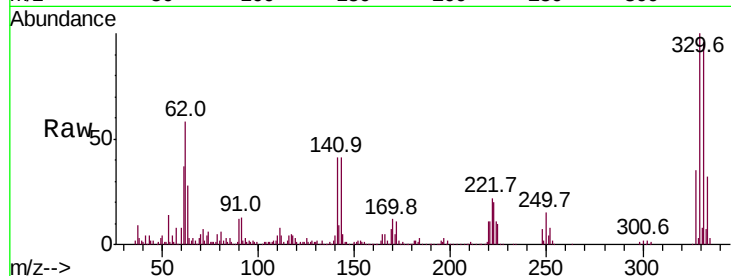




#42
 2,4,6-Tribromophenol
 Concen: 135.541 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037921.D
 Acq: 9 Nov 2018 15:24

Instrument :
 BNA_G
 ClientSampleId :
 EP2-SB-110(17-19)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.4	117.6
141	37.4	32.2	48.2

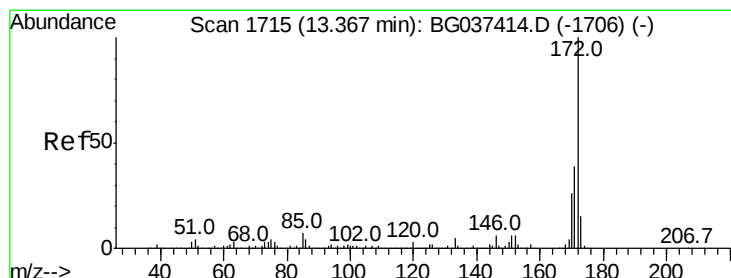
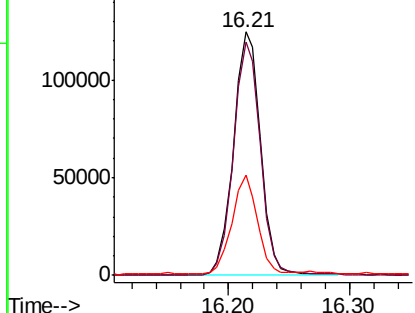
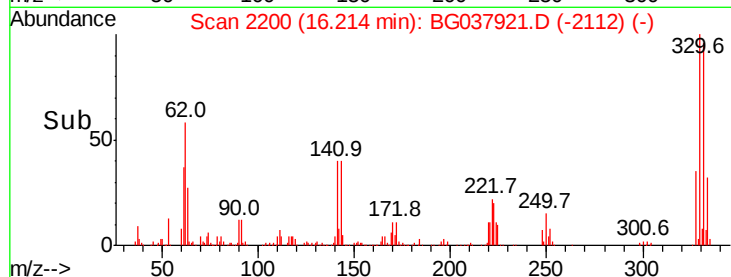


Abundance

Ion 329.80 (329.50 to 330.50): E

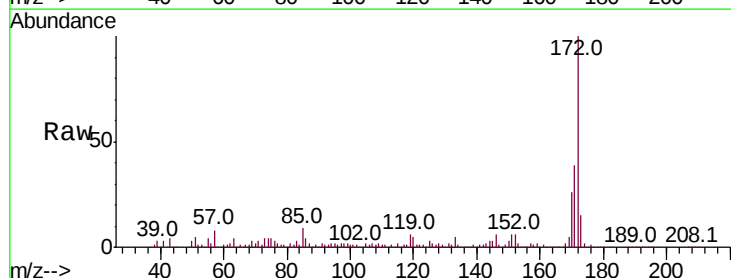
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 87.825 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037921.D
 Acq: 9 Nov 2018 15:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.0	46.4
170	26.1	20.2	30.2

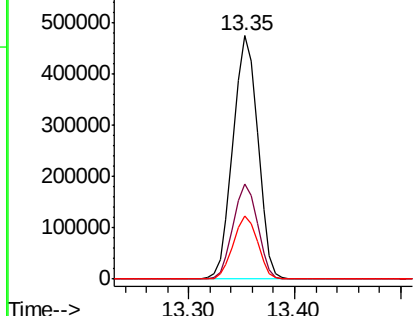
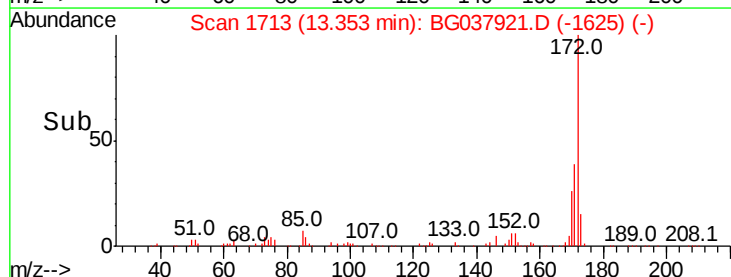


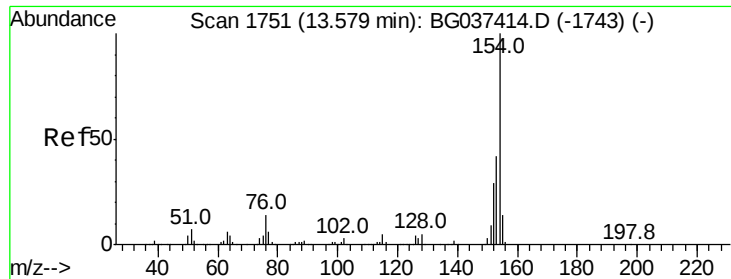
Abundance

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

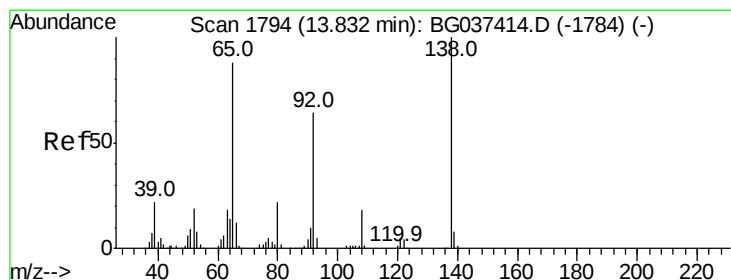
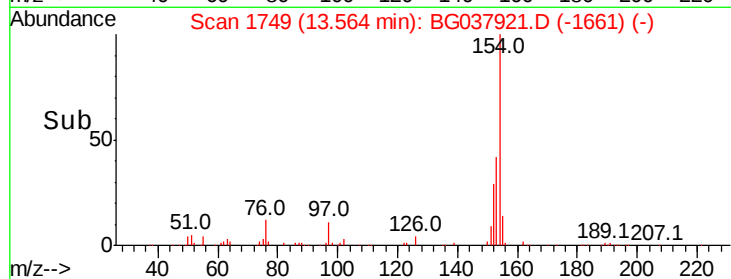
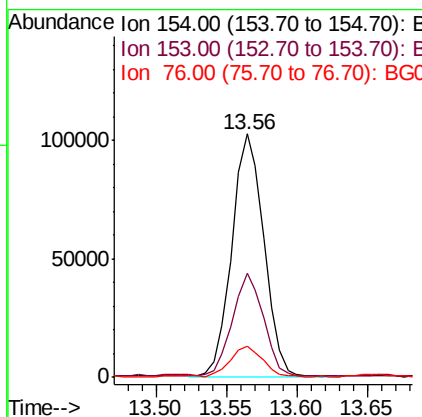
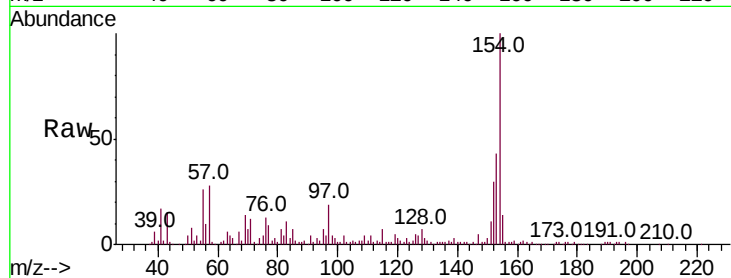




#46
 1,1'-Biphenyl
 Concen: 14.831 ng
 RT: 13.56 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG037921.D
 Acq: 9 Nov 2018 15:24

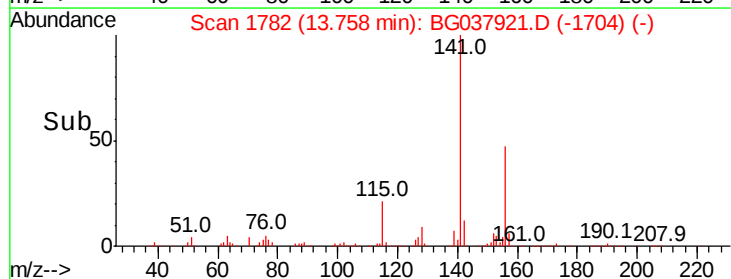
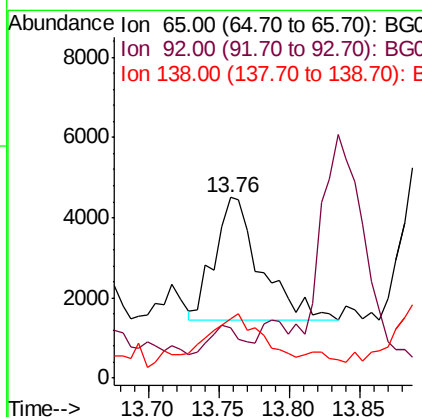
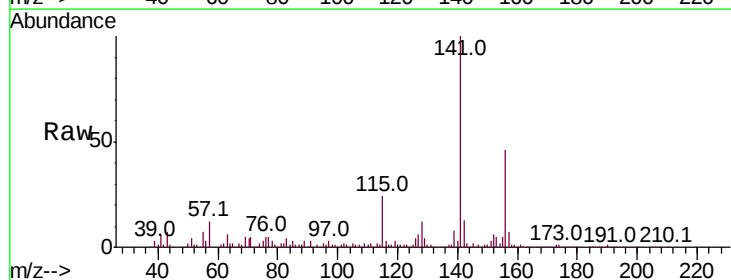
Instrument :
 BNA_G
 ClientSampleId :
 EP2-SB-110(17-19)

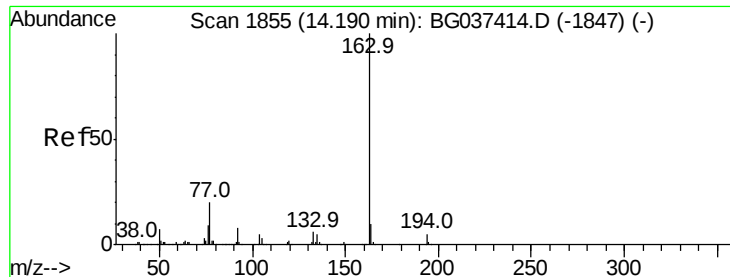
Tot Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.1	62.1
76	12.9	0.0	33.2



#48
 2-Nitroaniline
 Concen: 2.765 ng
 RT: 13.76 min Scan# 1782
 Delta R.T. -0.07 min
 Lab File: BG037921.D
 Acq: 9 Nov 2018 15:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	28.2	53.2	79.8#
138	33.0	79.3	118.9#





#50

Dimethylphthalate

Concen: 13.633 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BG037921.D

Acq: 9 Nov 2018 15:24

Instrument :

BNA_G

ClientSampleId :

EP2-SB-110(17-19)

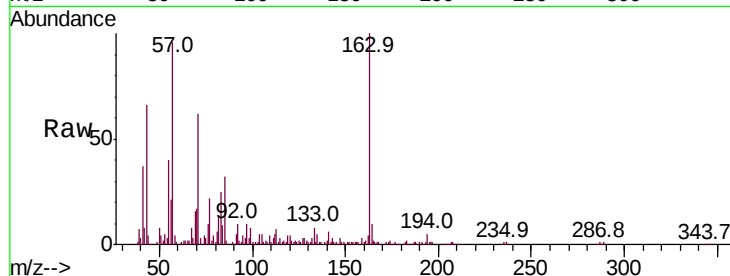
Tot Ion:163 Resp: 139164

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

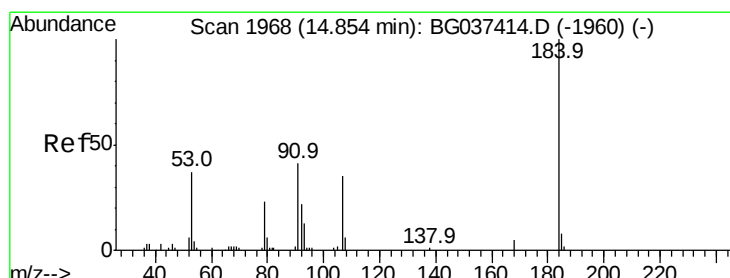
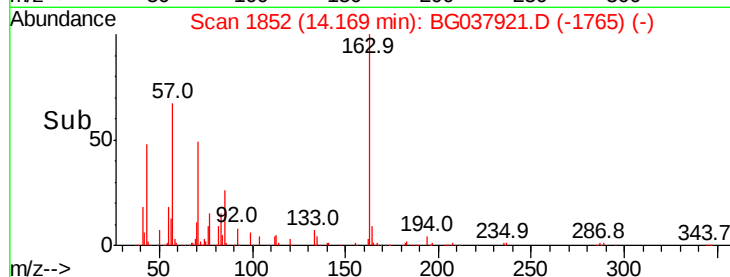
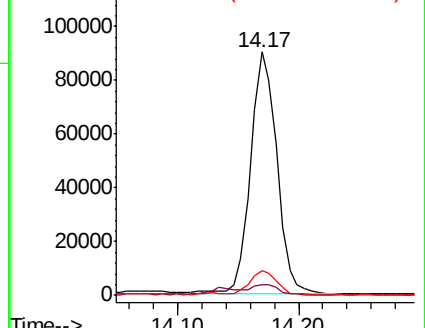
164 10.0 8.5 12.7



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: 6.235 ng

RT: 14.86 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BG037921.D

Acq: 9 Nov 2018 15:24

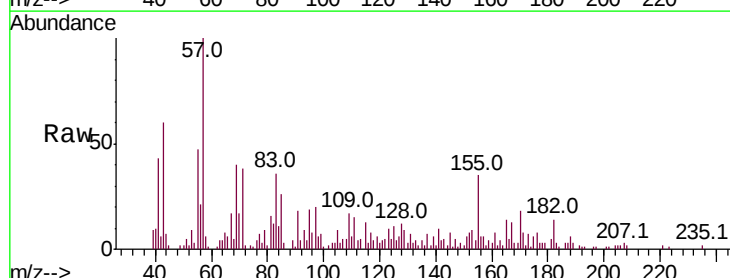
Tgt Ion:184 Resp: 67

Ion Ratio Lower Upper

184 100

63 367.2 42.6 63.8#

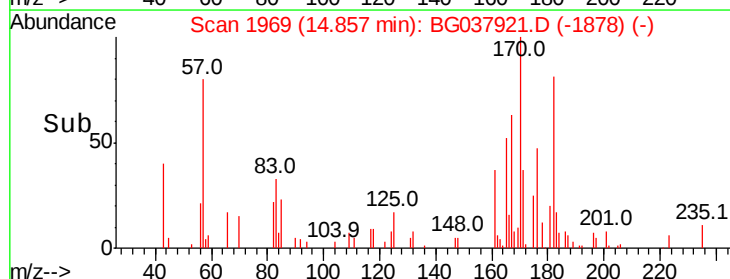
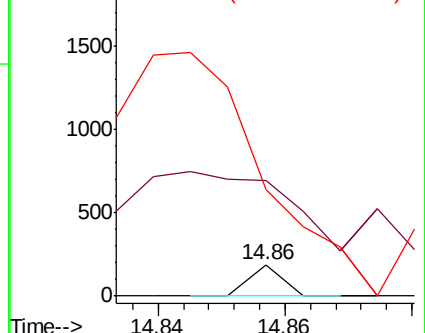
154 337.6 41.8 62.6#

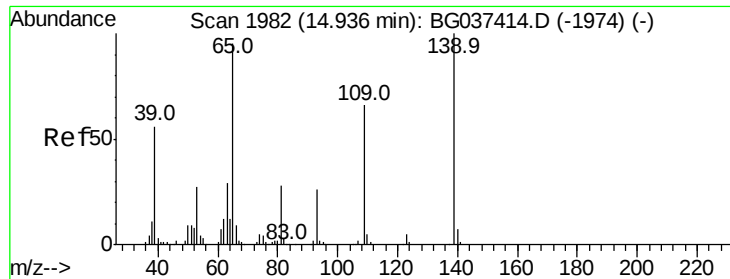


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

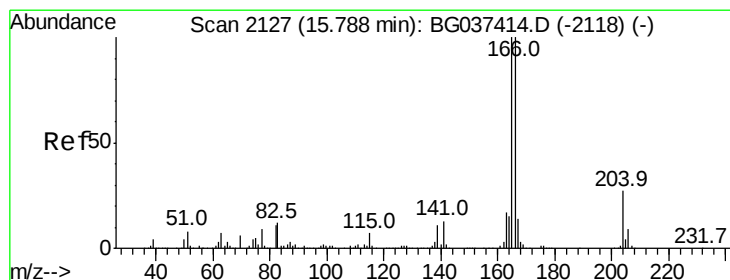
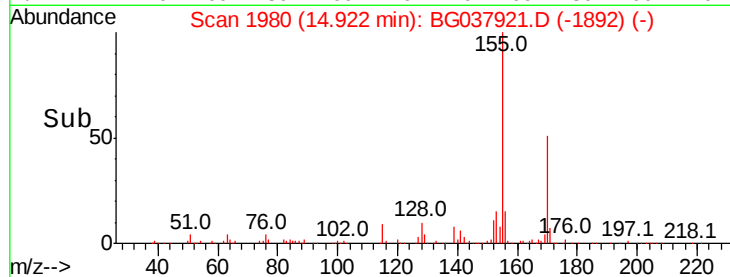
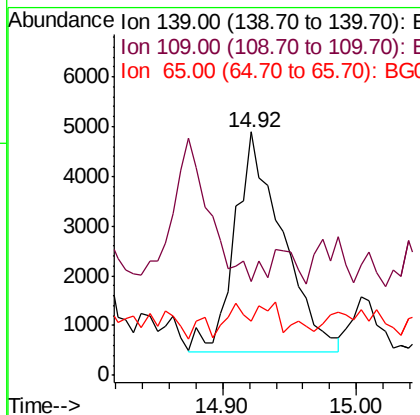
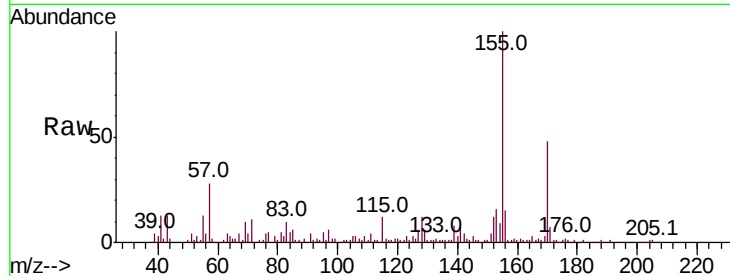




#56
4-Nitrophenol
Concen: 5.883 ng
RT: 14.92 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

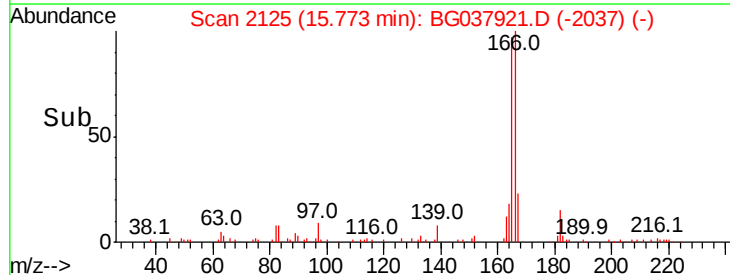
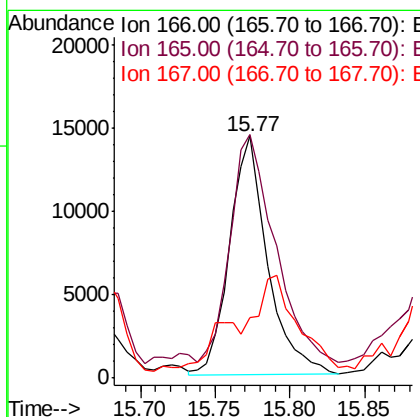
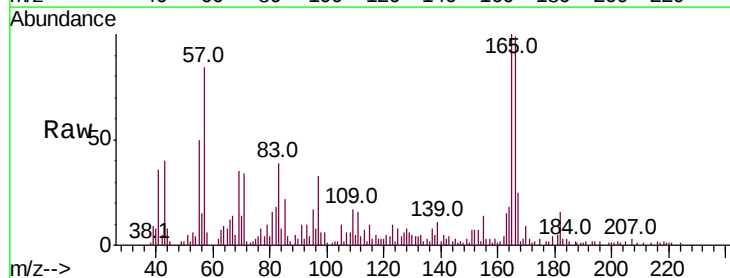
Instrument :
BNA_G
ClientSampleId :
EP2-SB-110(17-19)

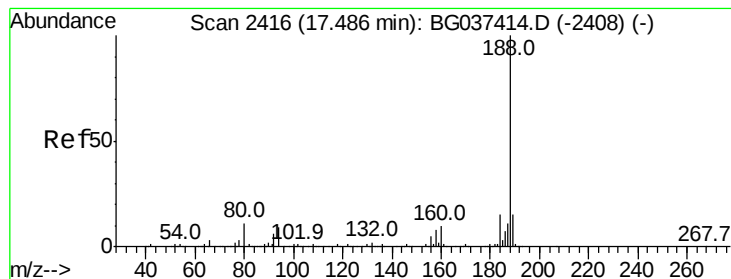
Tot Ion:139 Resp: 10916
Ion Ratio Lower Upper
139 100
109 38.5 49.5 89.5#
65 22.1 76.8 116.8#



#58
Fluorene
Concen: 2.690 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG037921.D
Acq: 9 Nov 2018 15:24

Tgt Ion:166 Resp: 25558
Ion Ratio Lower Upper
166 100
165 100.7 79.0 118.6
167 24.8 11.3 16.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG037921.D

Acq: 9 Nov 2018 15:24

Instrument :

BNA_G

ClientSampleId :

EP2-SB-110(17-19)

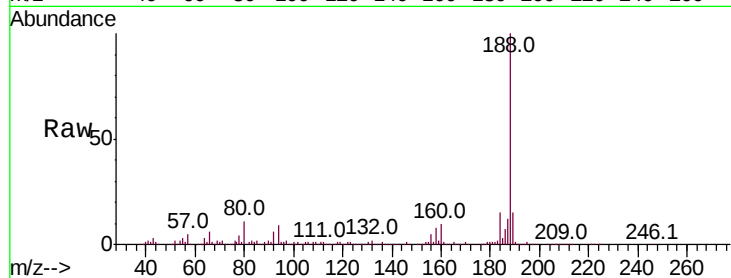
Tot Ion:188 Resp: 281068

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

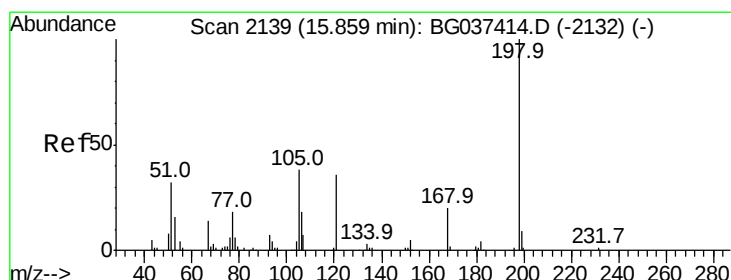
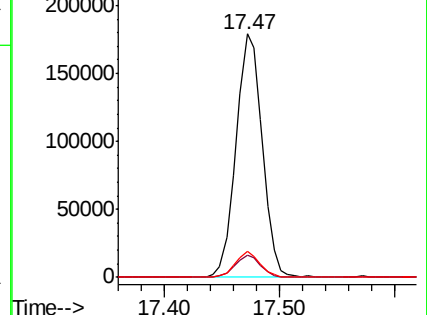
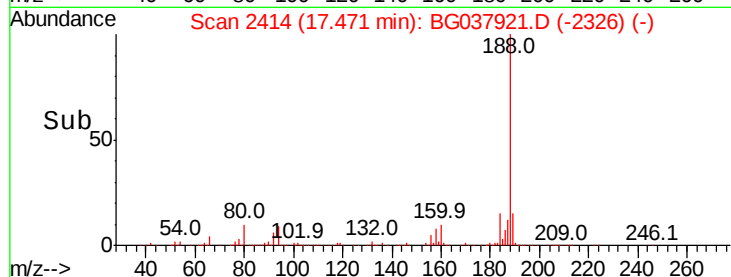
80 10.6 7.7 11.5



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: 8.548 ng

RT: 15.87 min Scan# 2141

Delta R.T. 0.01 min

Lab File: BG037921.D

Acq: 9 Nov 2018 15:24

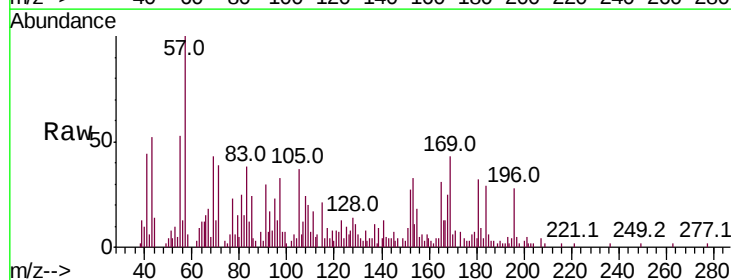
Tgt Ion:198 Resp: 72

Ion Ratio Lower Upper

198 100

51 386.8 22.7 62.7#

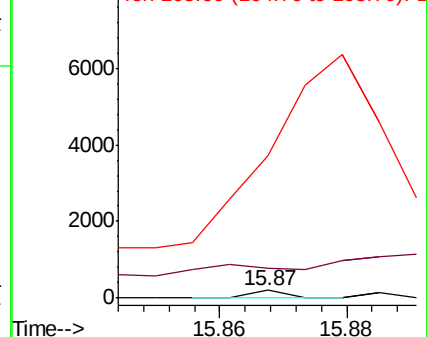
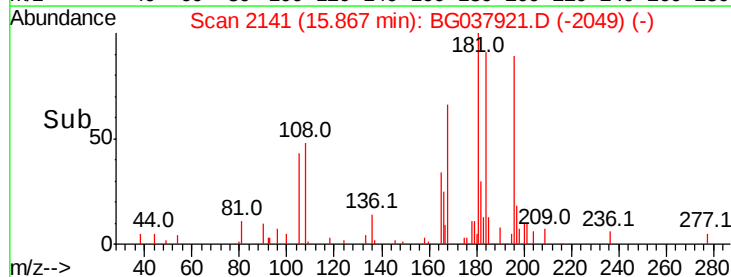
105 1812.7 19.7 59.7#

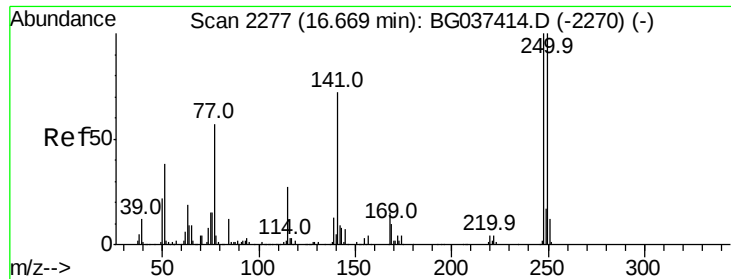


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

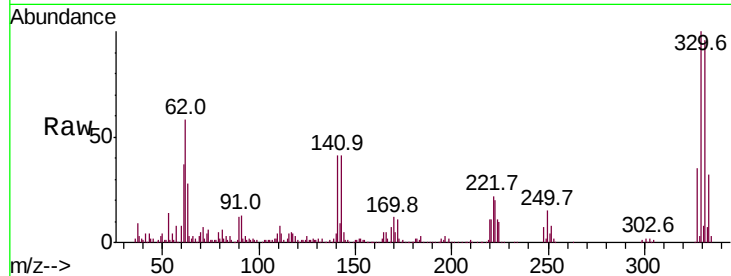




#67
 4-Bromophenyl-phenylether
 Concen: 4.504 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.46 min
 Lab File: BG037921.D
 Acq: 9 Nov 2018 15:24

Instrument :
 BNA_G
 ClientSampleId :
 EP2-SB-110(17-19)

Tot Ion	Ratio	Lower	Upper
248	100		
250	209.9	77.0	115.6#
141	450.3	55.5	83.3#

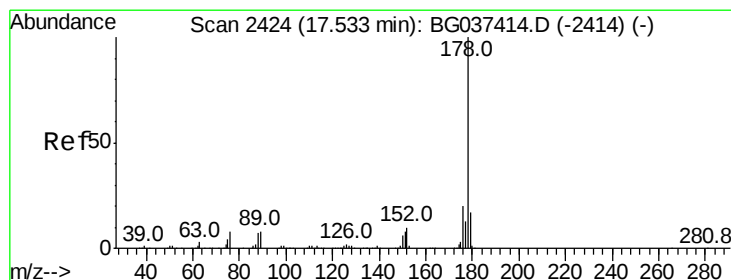
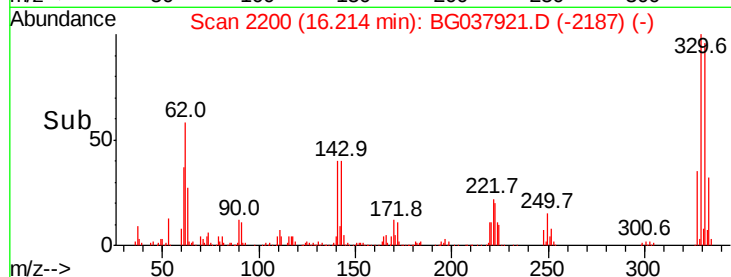
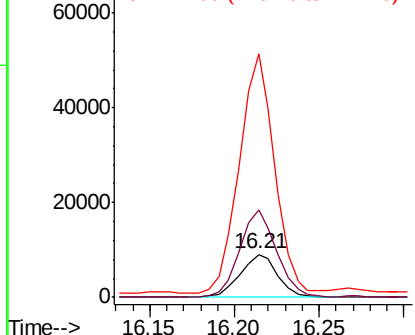


Abundance

Ion 248.00 (247.70 to 248.70): E

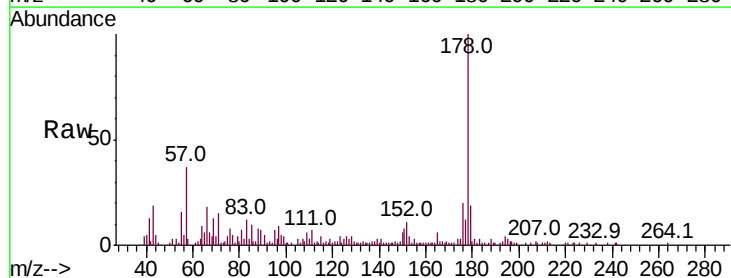
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#71
 Phenanthrene
 Concen: 2.782 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG037921.D
 Acq: 9 Nov 2018 15:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.1	24.1
179	18.7	13.0	19.4

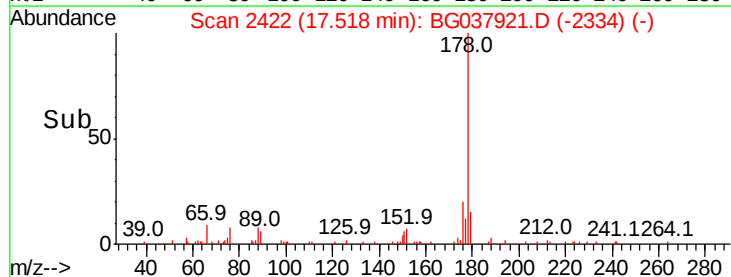
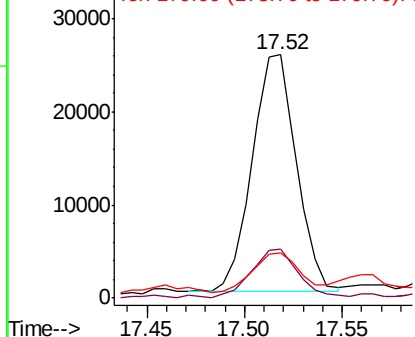


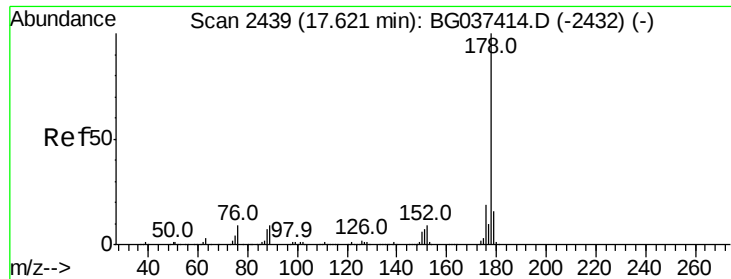
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

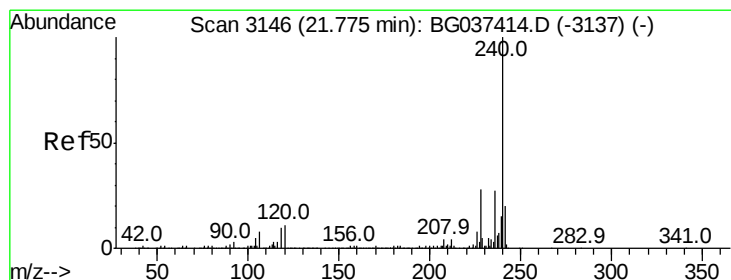
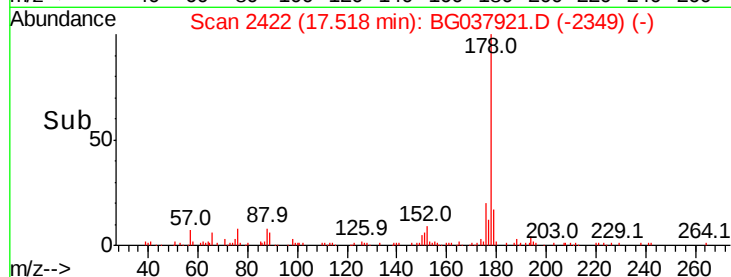
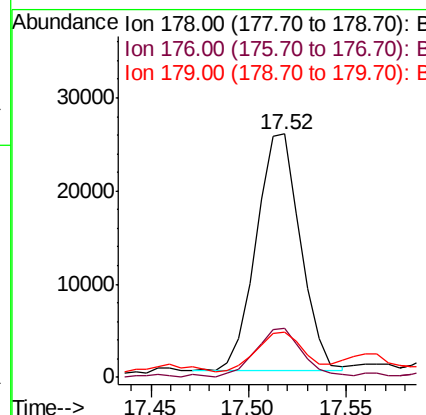
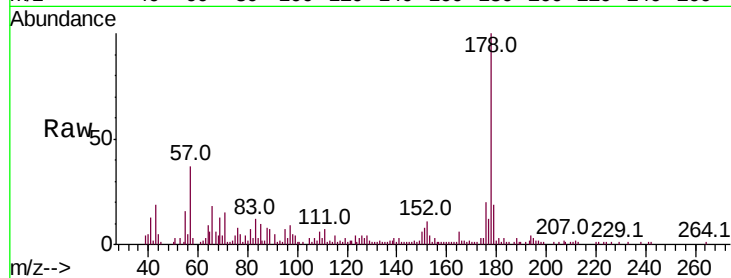




#72
 Anthracene
 Concen: 2.835 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.10 min
 Lab File: BG037921.D
 Acq: 9 Nov 2018 15:24

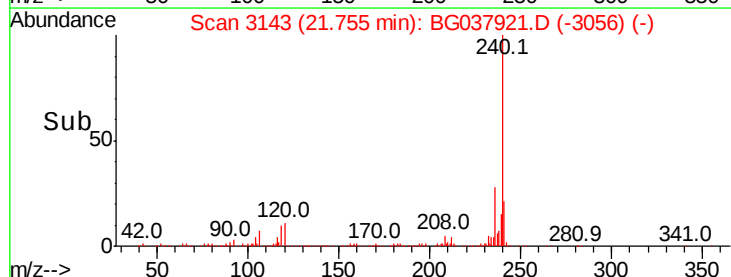
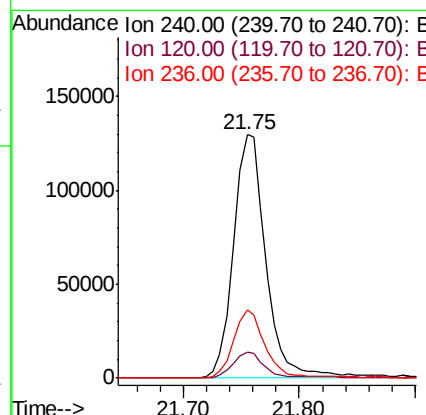
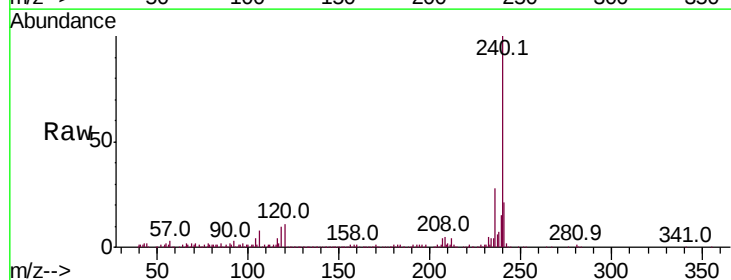
Instrument :
 BNA_G
 ClientSampleId :
 EP2-SB-110(17-19)

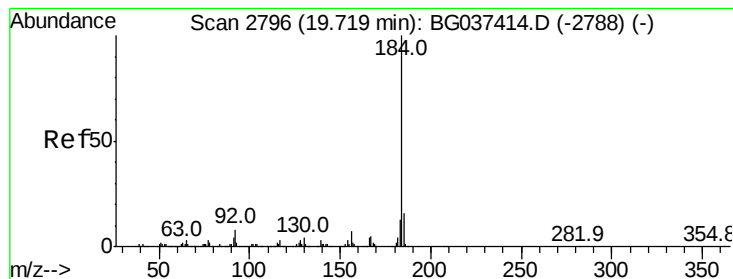
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.0	22.4
179	18.7	12.8	19.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG037921.D
 Acq: 9 Nov 2018 15:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.1	12.1
236	27.8	21.4	32.0





#77

Benzidine

Concen: 2.182 ng

RT: 20.07 min Scan# 2857

Delta R.T. 0.36 min

Lab File: BG037921.D

Acq: 9 Nov 2018 15:24

Instrument :

BNA_G

ClientSampleId :

EP2-SB-110(17-19)

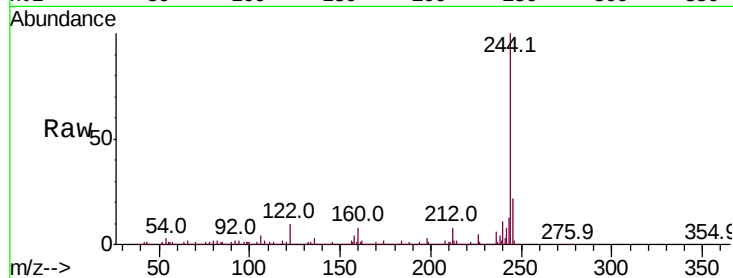
Tot Ion:184 Resp: 18613

Ion Ratio Lower Upper

184 100

185 17.9 12.6 18.8

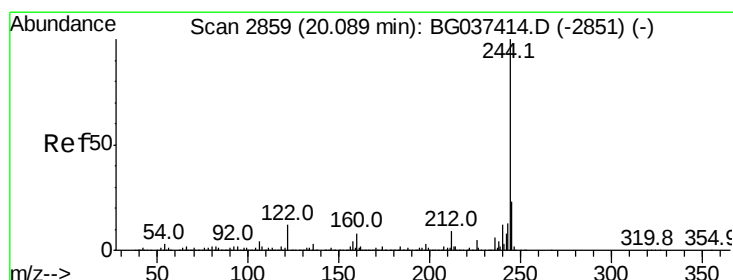
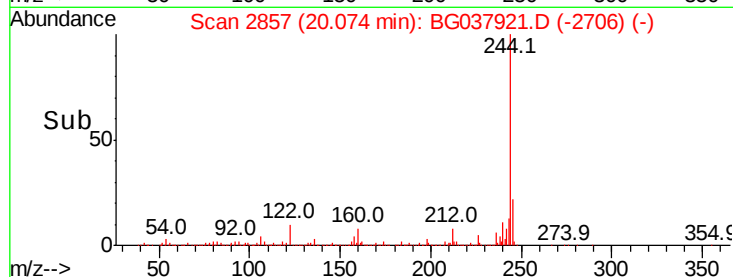
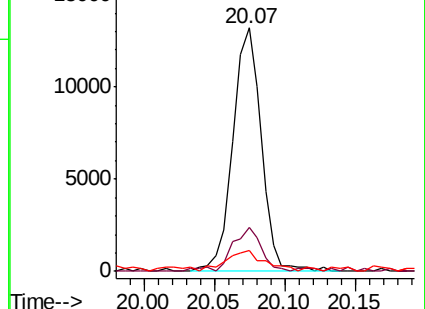
183 8.4 10.2 15.2#



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: 91.446 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037921.D

Acq: 9 Nov 2018 15:24

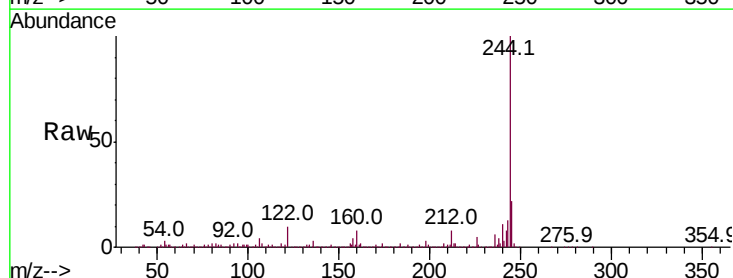
Tgt Ion:244 Resp: 1073850

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

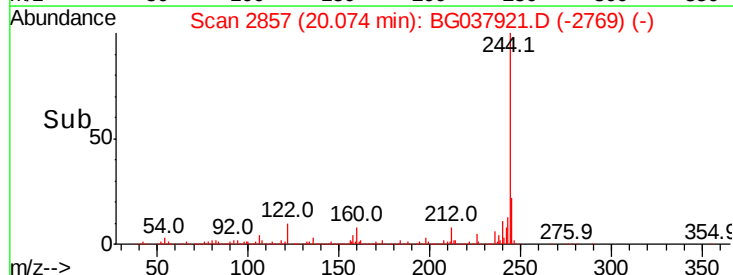
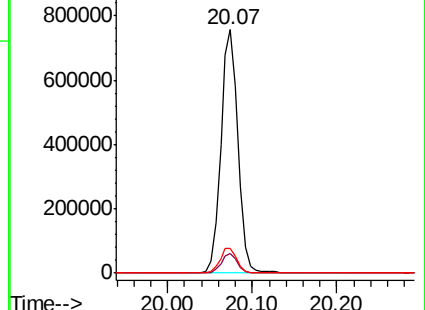
122 10.4 9.0 13.4

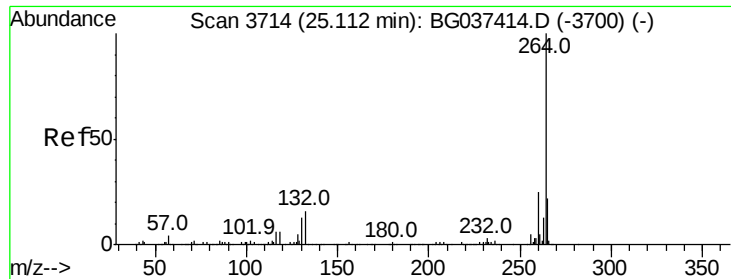


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

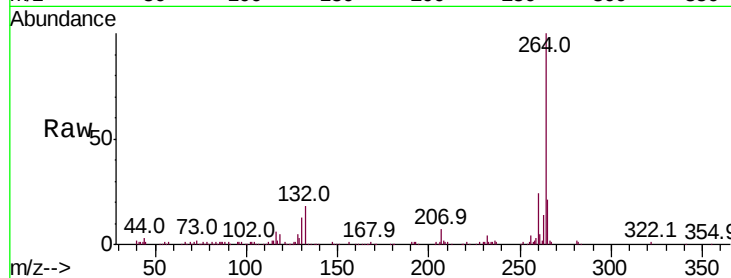




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.09 min Scan# 3710
 Delta R.T. -0.03 min
 Lab File: BG037921.D
 Acq: 9 Nov 2018 15:24

Instrument :
 BNA_G
 ClientSampleId :
 EP2-SB-110(17-19)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	20.6	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

