

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
 Data File : BG037465.D
 Acq On : 20 Oct 2018 00:25
 Operator : JU/SJ
 Sample : PB113698BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113698BL

Quant Time: Oct 20 02:54:37 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	62434	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	268967	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	186532	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	482791	20.00	ng	0.00
76) Chrysene-d12	21.77	240	444087	20.00	ng	0.00
87) Perylene-d12	25.11	264	438283	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	448205	120.02	ng	0.00
7) Phenol-d6	7.25	99	632798	112.06	ng	0.00
23) Nitrobenzene-d5	9.28	82	363366	75.68	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	237001	116.49	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	898259	72.62	ng	0.00
79) Terphenyl-d14	20.09	244	1482789	71.35	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	171	0.090	ng	# 13
3) Pyridine	4.25	79	57	0.012	ng	# 1
4) n-Nitrosodimethylamine	3.87	42	266	0.156	ng	# 1
6) Aniline	7.63	93	755	0.110	ng	# 1
9) Benzaldehyde	7.24	77	855	0.242	ng	# 4
10) Phenol	7.63	94	979	0.164	ng	# 1
11) bis(2-Chloroethyl)ether	7.63	93	755	0.167	ng	# 1
15) Benzyl Alcohol	8.43	79	5323	1.276	ng	# 49
16) 2,2'-oxybis(1-Chloropropan	8.26	45	55	0.007	ng	# 74
17) 2-Methylphenol	8.71	107	67	0.017	ng	# 12
18) Hexachloroethane	9.59	117	66	0.039	ng	# 1
20) 3+4-Methylphenols	8.71	107	67	0.012	ng	# 21
24) Nitrobenzene	9.28	77	1127	0.226	ng	# 40
46) 1,1'-Biphenyl	13.57	154	1380	0.089	ng	# 94
48) 2-Nitroaniline	13.36	65	1477	0.417	ng	# 1
52) Acenaphthene	14.74	154	632	0.058	ng	# 3
53) 3-Nitroaniline	14.52	138	55	0.016	ng	# 1
58) Fluorene	16.22	166	11654	0.868	ng	# 82
59) 2,3,4,6-Tetrachlorophenol	15.55	232	80	0.021	ng	# 40
63) Azobenzene	16.22	77	1255	0.089	ng	# 13
66) n-Nitrosodiphenylamine	16.23	169	9475	0.652	ng	# 50
71) Phenanthrene	17.53	178	60	0.002	ng	# 59
72) Anthracene	17.53	178	60	0.002	ng	# 60
74) Di-n-butylphthalate	18.43	149	57	0.002	ng	# 77
77) Benzidine	20.09	184	23555	1.560	ng	# 91
78) Pyrene	20.09	202	5558	0.191	ng	# 61
80) Butylbenzylphthalate	20.80	149	54	0.005	ng	# 23
81) Benzo(a)anthracene	21.76	228	1254	0.048	ng	# 63
82) 3,3'-Dichlorobenzidine	21.76	252	63	0.006	ng	# 1
83) Chrysene	21.76	228	1254	0.050	ng	# 60
84) Bis(2-ethylhexyl)phthalate	21.64	149	552	0.033	ng	# 51
85) Di-n-octyl phthalate	22.88	149	84	0.003	ng	# 1
86) Indeno(1,2,3-cd)pyrene	28.92	276	53	0.002	ng	# 55
88) Benzo(b)fluoranthene	24.06	252	56	0.002	ng	# 59

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
Data File : BG037465.D
Acq On : 20 Oct 2018 00:25
Operator : JU/SJ
Sample : PB113698BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB113698BL

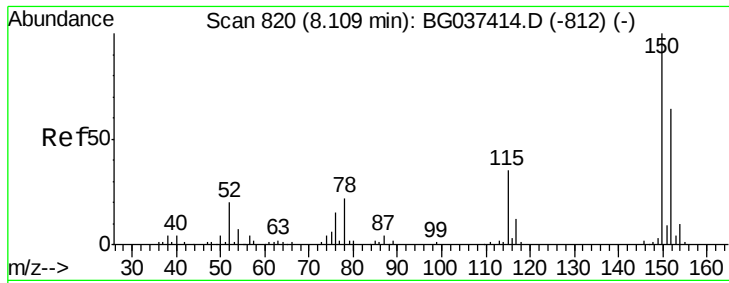
Quant Time: Oct 20 02:54:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(k)fluoranthene	24.10	252	88	0.004	ng	# 60
90) Benzo(a)pyrene	24.98	252	71	0.003	ng	# 60
91) Dibenzo(a,h)anthracene	29.01	278	65	0.003	ng	# 57
92) Benzo(g,h,i)perylene	30.12	276	114	0.005	ng	# 53

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

Data Path : Z:\SV0ASRV\HPCHEM1\BNA_G\DATA\BG101918\
Data File : BG037465.D
Acq On : 20 Oct 2018 00:25
Operator : JU/SJ
Sample : PB113698BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 20 02:54:37 2018
Quant Method : Z:\SV0ASRV\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

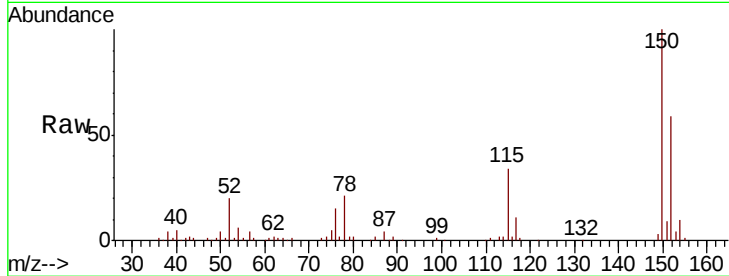


#1

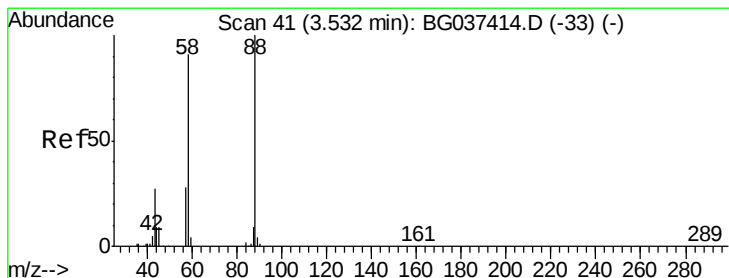
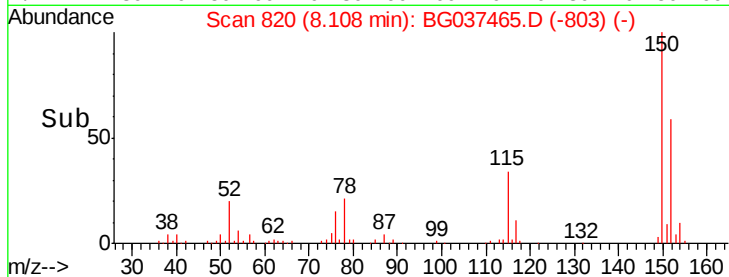
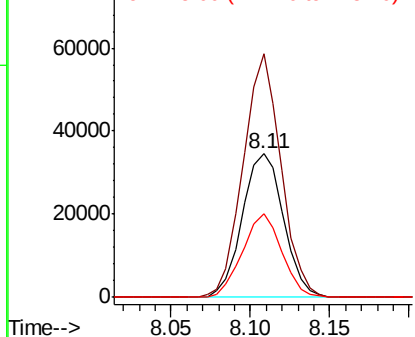
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG037465.D
 Acq: 20 Oct 2018 00:25

Instrument :
 BNA_G
 ClientSampleId :
 PB113698BL

Tgt Ion:152 Resp: 62434
 Ion Ratio Lower Upper
 152 100
 150 169.7 126.0 189.0
 115 58.4 45.5 68.3



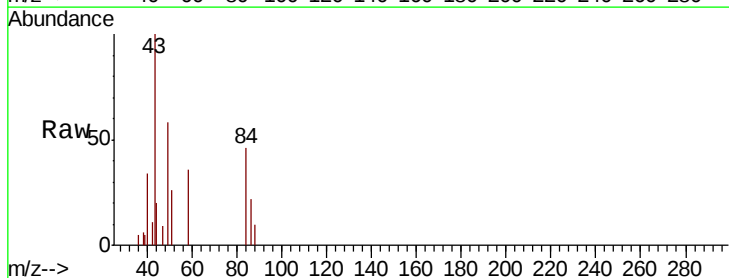
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



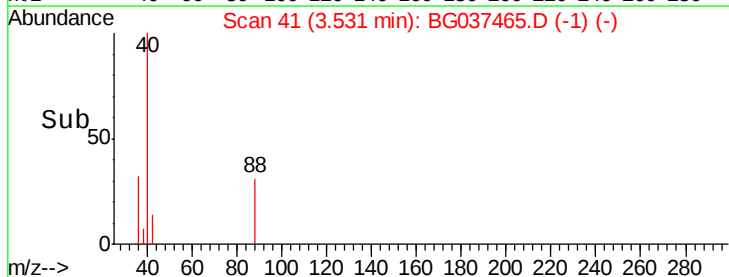
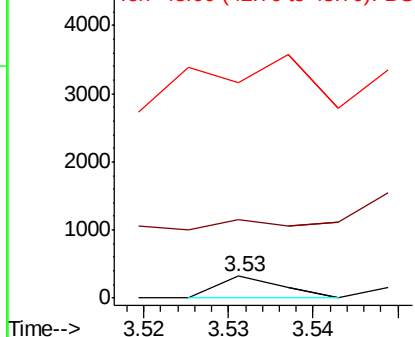
#2

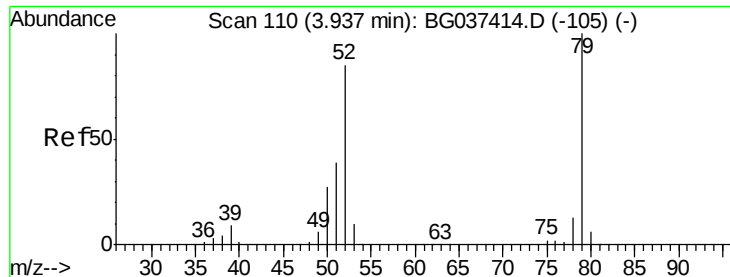
1,4-Dioxane
 Concen: 0.090 ng
 RT: 3.53 min Scan# 41
 Delta R.T. -0.00 min
 Lab File: BG037465.D
 Acq: 20 Oct 2018 00:25

Tgt Ion: 88 Resp: 171
 Ion Ratio Lower Upper
 88 100
 58 0.0 74.4 111.6#
 43 0.0 25.8 38.8#



Abundance Ion 88.00 (87.70 to 88.70): BGC
 Ion 58.00 (57.70 to 58.70): BGC
 Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 0.012 ng

RT: 4.25 min Scan# 163

Delta R.T. 0.31 min

Lab File: BG037465.D

Acq: 20 Oct 2018 00:25

Instrument :

BNA_G

ClientSampleId :

PB113698BL

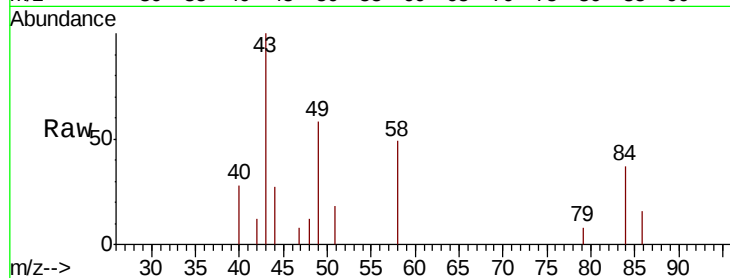
Tgt Ion: 79 Resp: 57

Ion Ratio Lower Upper

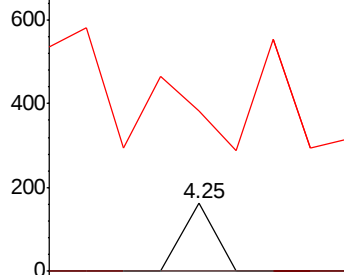
79 100

52 0.0 74.2 111.2#

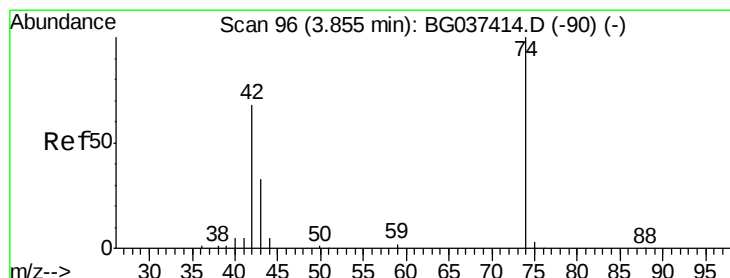
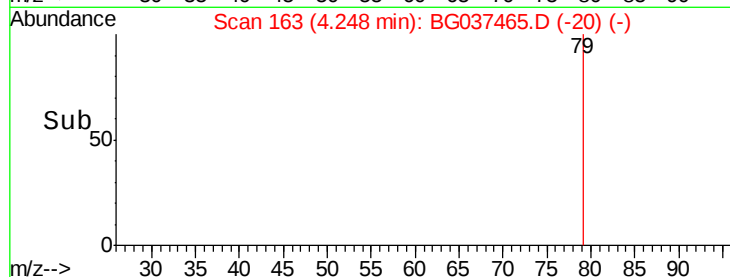
51 236.4 34.6 51.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



Time-->



#4

n-Nitrosodimethylamine

Concen: 0.156 ng

RT: 3.87 min Scan# 99

Delta R.T. 0.02 min

Lab File: BG037465.D

Acq: 20 Oct 2018 00:25

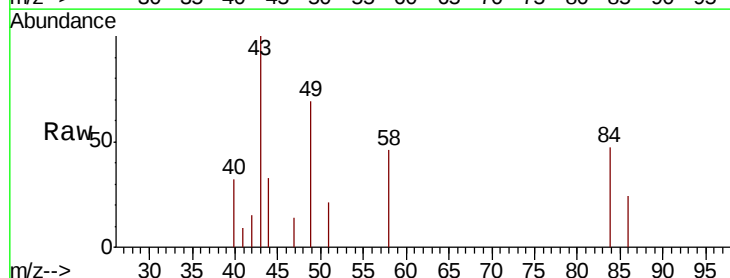
Tgt Ion: 42 Resp: 266

Ion Ratio Lower Upper

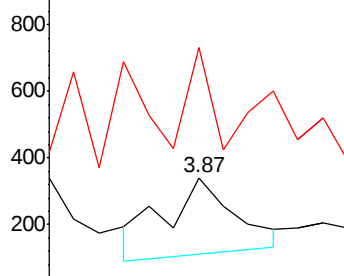
42 100

74 0.0 102.0 153.0#

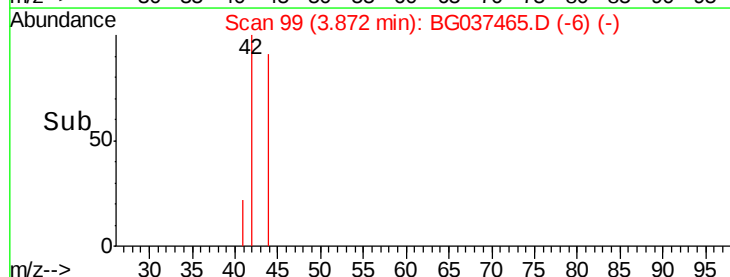
44 215.3 9.6 14.4#

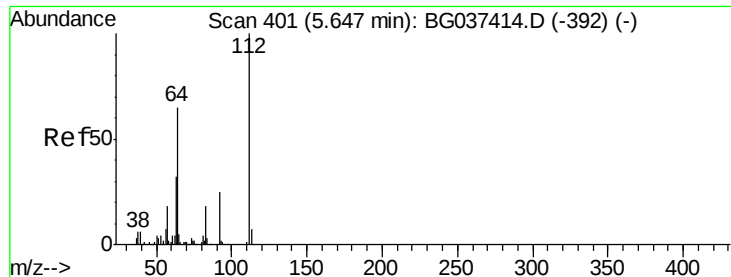


Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC



Time-->





#5

2-Fluorophenol

Concen: 120.020 ng

RT: 5.65 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037465.D

Acq: 20 Oct 2018 00:25

Instrument :

BNA_G

ClientSampleId :

PB113698BL

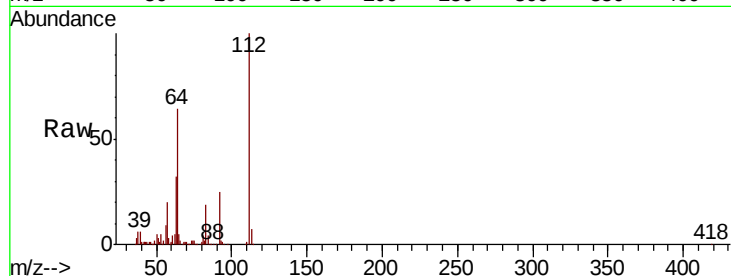
Tgt Ion: 112 Resp: 448205

Ion Ratio Lower Upper

112 100

64 64.3 53.1 79.7

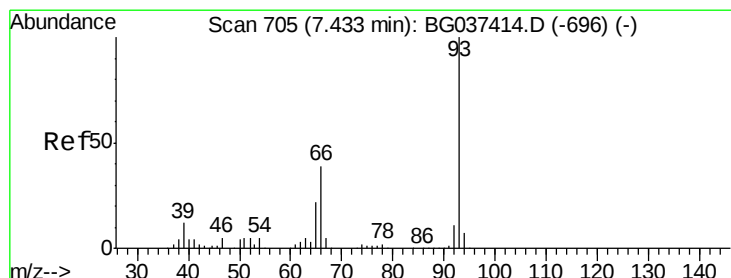
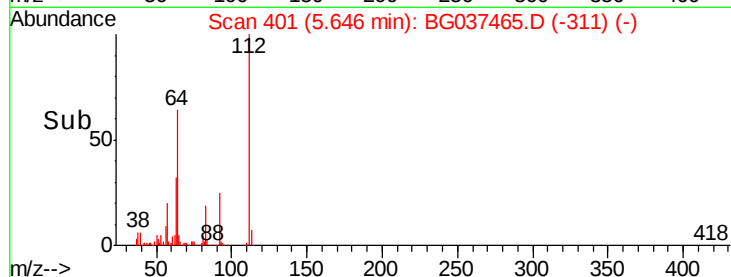
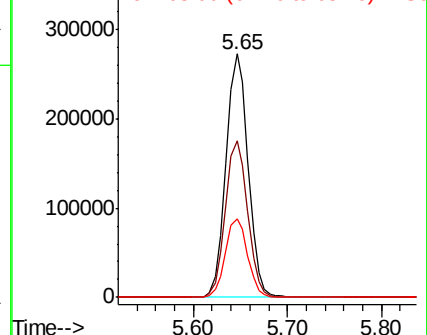
63 32.4 27.3 40.9



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: 0.110 ng

RT: 7.63 min Scan# 738

Delta R.T. 0.19 min

Lab File: BG037465.D

Acq: 20 Oct 2018 00:25

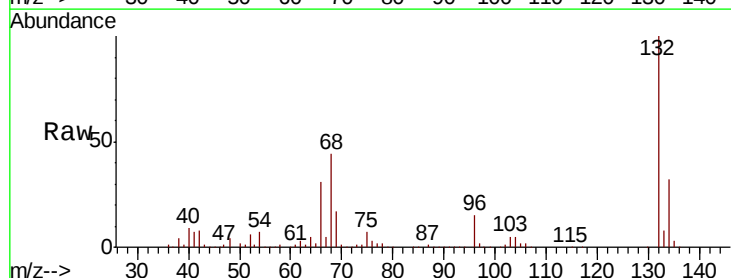
Tgt Ion: 93 Resp: 755

Ion Ratio Lower Upper

93 100

66 12769.0 32.8 49.2#

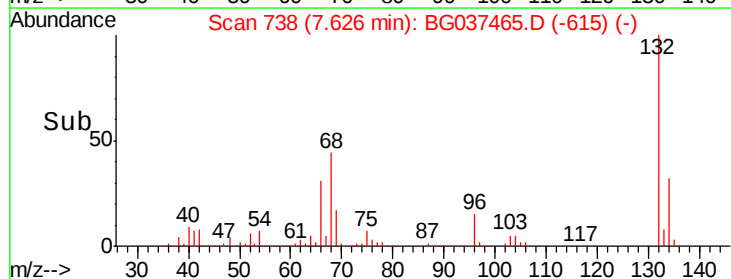
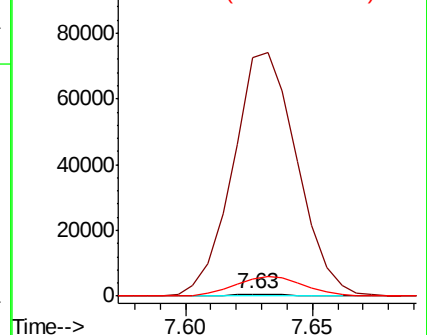
65 927.3 16.4 24.6#



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: 112.061 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037465.D

Acq: 20 Oct 2018 00:25

Instrument :

BNA_G

ClientSampleId :

PB113698BL

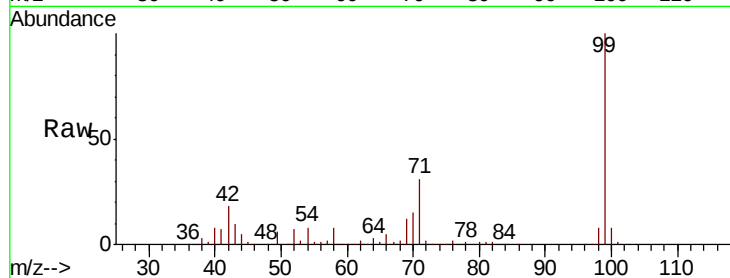
Tgt Ion: 99 Resp: 632798

Ion Ratio Lower Upper

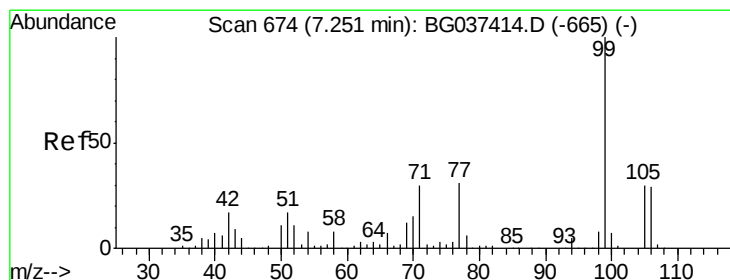
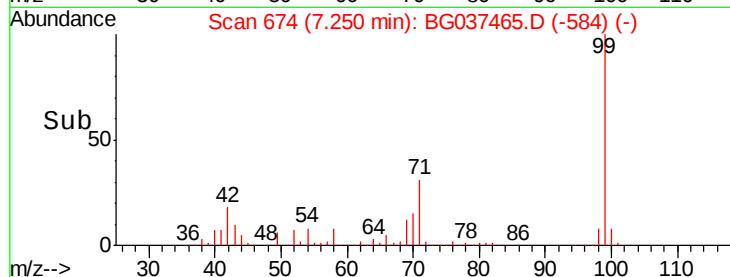
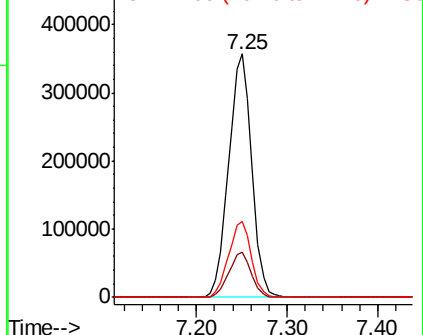
99 100

42 18.3 15.0 22.4

71 31.1 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: 0.242 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037465.D

Acq: 20 Oct 2018 00:25

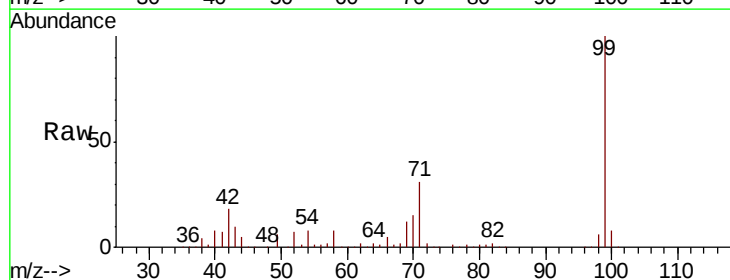
Tgt Ion: 77 Resp: 855

Ion Ratio Lower Upper

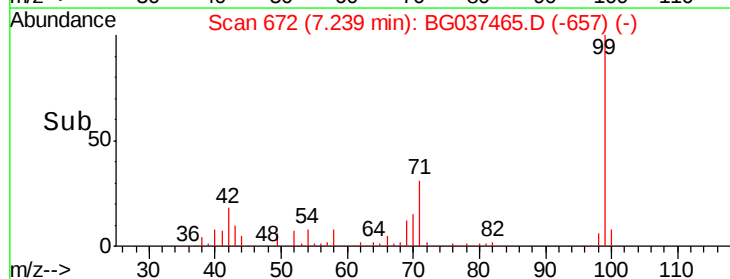
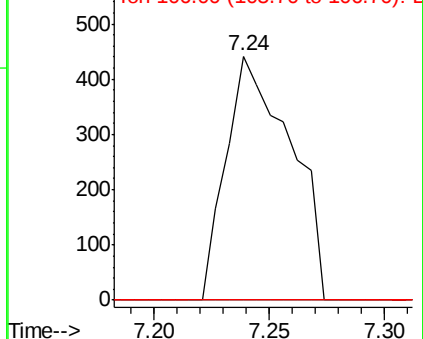
77 100

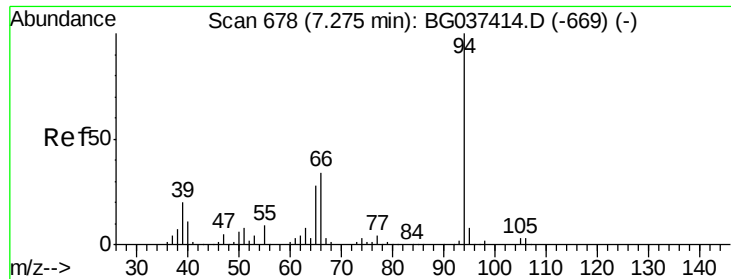
105 0.0 72.6 112.6#

106 0.0 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: 0.164 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.36 min

Lab File: BG037465.D

Acq: 20 Oct 2018 00:25

Instrument :

BNA_G

ClientSampleId :

PB113698BL

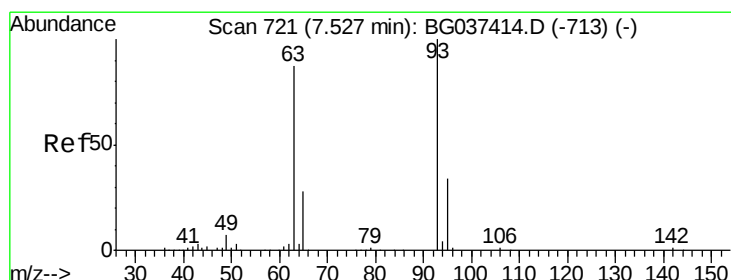
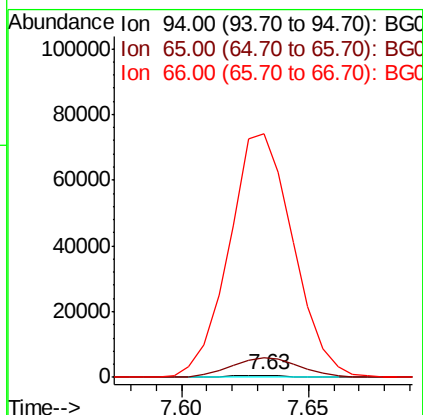
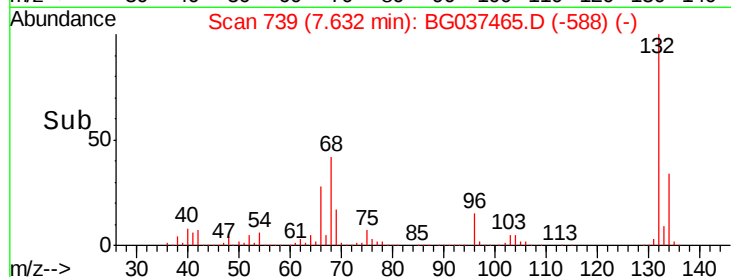
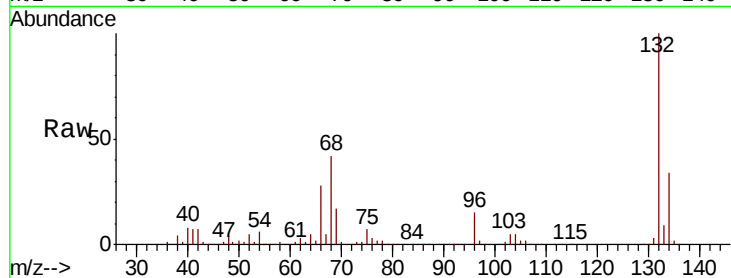
Tgt Ion: 94 Resp: 979

Ion Ratio Lower Upper

94 100

65 885.8 9.7 49.7#

66 10991.1 15.9 55.9#



#11

bis(2-Chloroethyl)ether

Concen: 0.167 ng

RT: 7.63 min Scan# 738

Delta R.T. 0.10 min

Lab File: BG037465.D

Acq: 20 Oct 2018 00:25

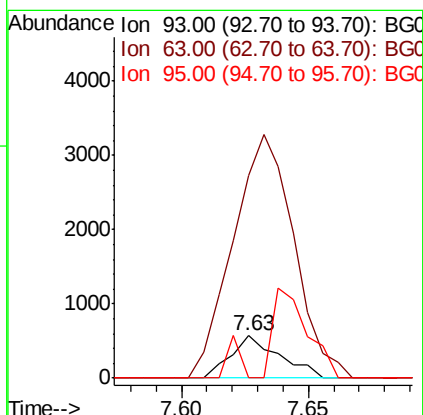
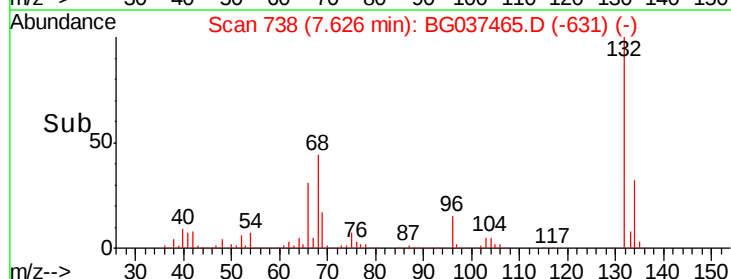
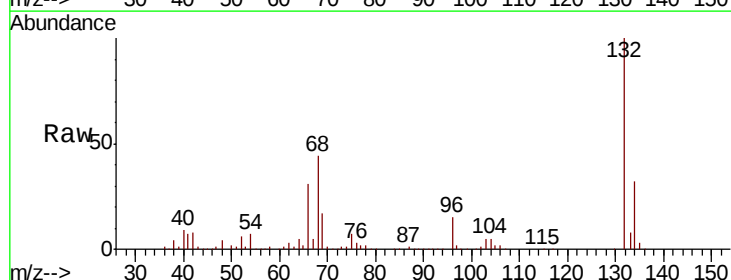
Tgt Ion: 93 Resp: 755

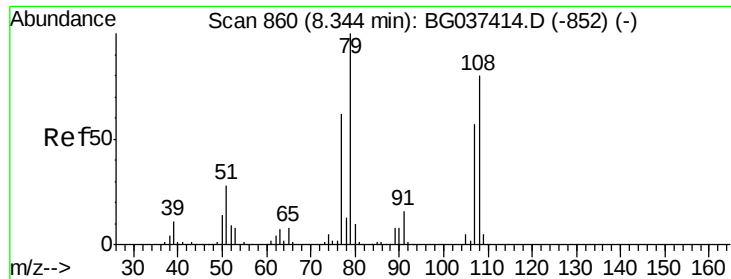
Ion Ratio Lower Upper

93 100

63 482.9 69.5 109.5#

95 0.0 12.6 52.6#





#15

Benzyl Alcohol

Concen: 1.276 ng

RT: 8.43 min Scan# 875

Delta R.T. 0.09 min

Lab File: BG037465.D

Acq: 20 Oct 2018 00:25

Instrument :

BNA_G

ClientSampleId :

PB113698BL

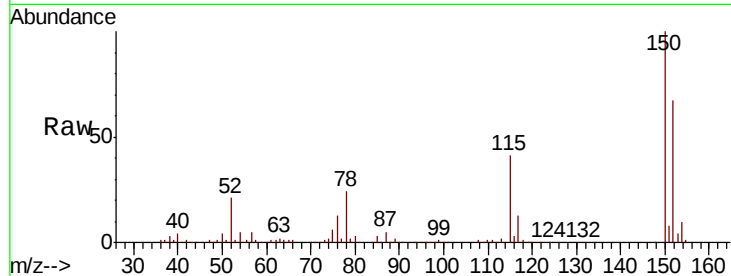
Tgt Ion: 79 Resp: 5323

Ion Ratio Lower Upper

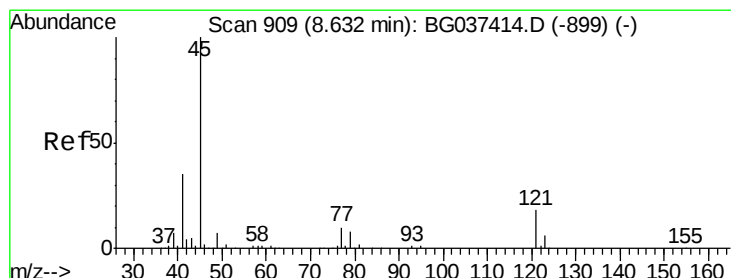
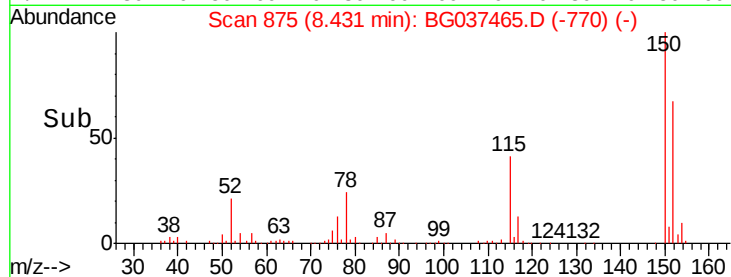
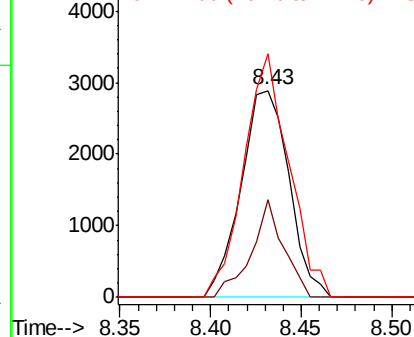
79 100

108 47.4 65.8 98.8#

77 117.9 52.9 79.3#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.007 ng

RT: 8.26 min Scan# 845

Delta R.T. -0.38 min

Lab File: BG037465.D

Acq: 20 Oct 2018 00:25

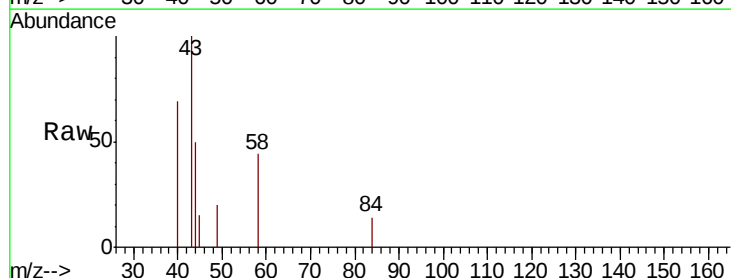
Tgt Ion: 45 Resp: 55

Ion Ratio Lower Upper

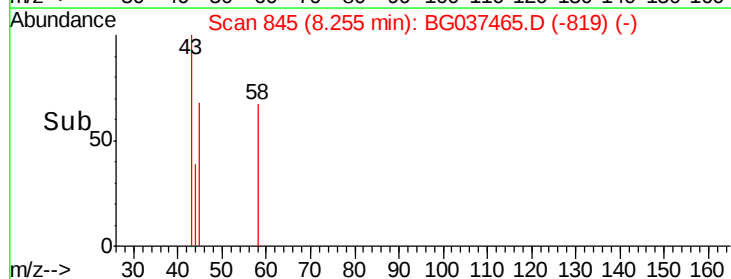
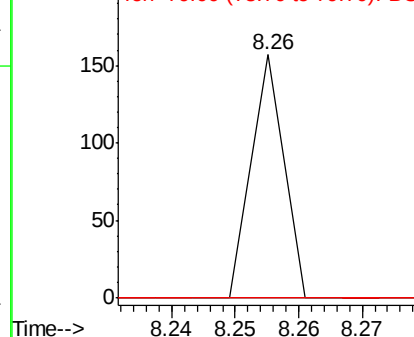
45 100

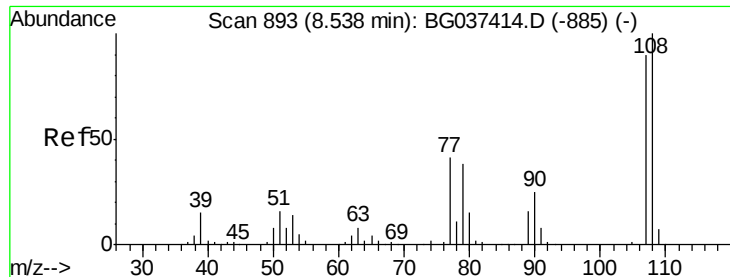
77 0.0 0.0 30.0

79 0.0 0.0 29.0



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

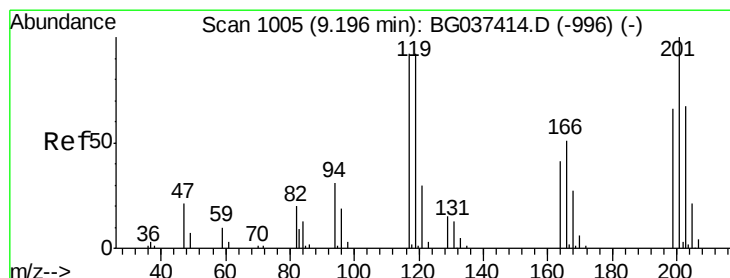
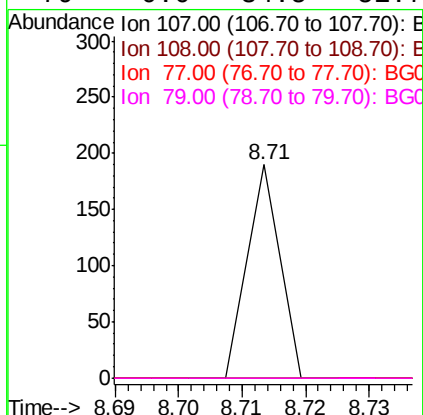
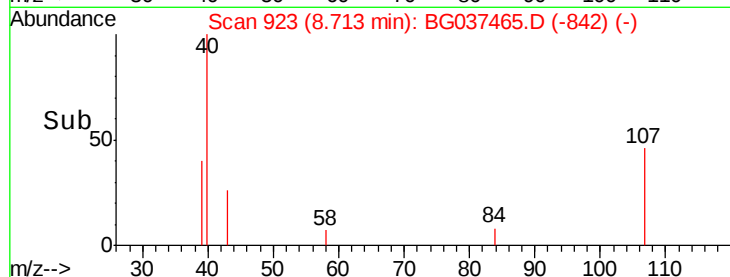
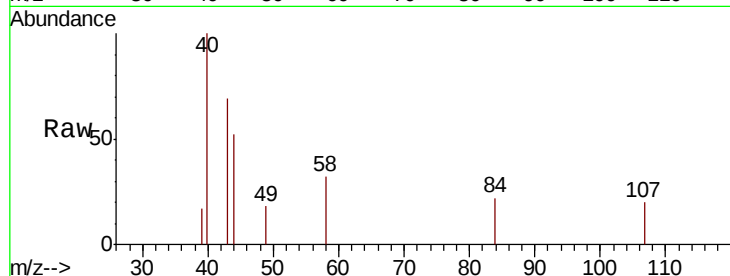




#17
 2-Methylphenol
 Concen: 0.017 ng
 RT: 8.71 min Scan# 923
 Delta R.T. 0.18 min
 Lab File: BG037465.D
 Acq: 20 Oct 2018 00:25

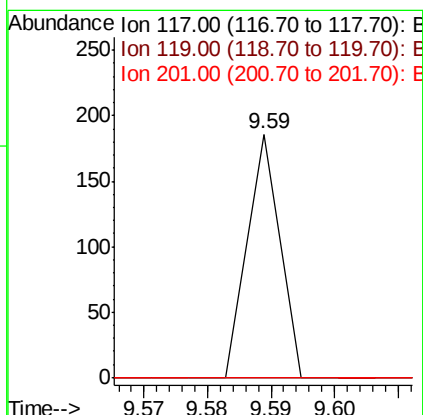
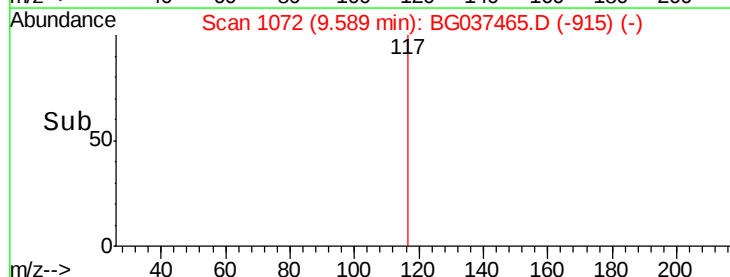
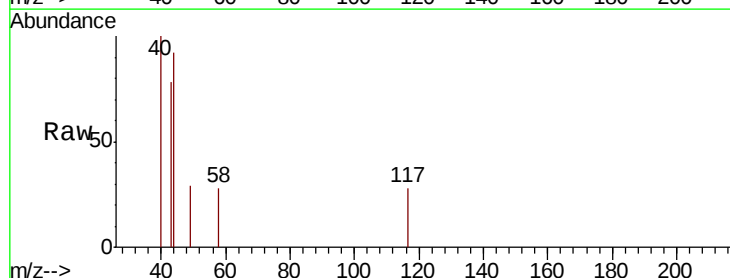
Instrument :
 BNA_G
 ClientSampleId :
 PB113698BL

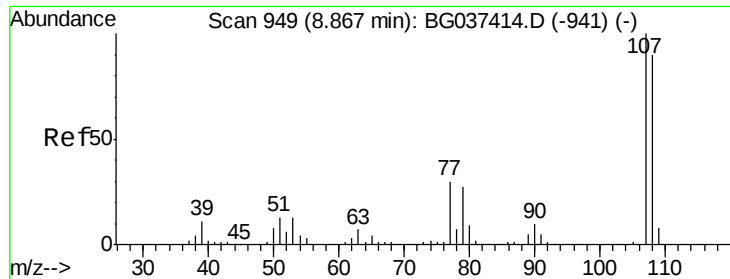
Tgt Ion	Ratio	Lower	Upper
107	100		
108	0.0	87.9	131.9#
77	0.0	35.1	52.7#
79	0.0	34.5	51.7#



#18
 Hexachloroethane
 Concen: 0.039 ng
 RT: 9.59 min Scan# 1072
 Delta R.T. 0.39 min
 Lab File: BG037465.D
 Acq: 20 Oct 2018 00:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	0.0	74.6	111.8#
201	0.0	80.8	121.2#

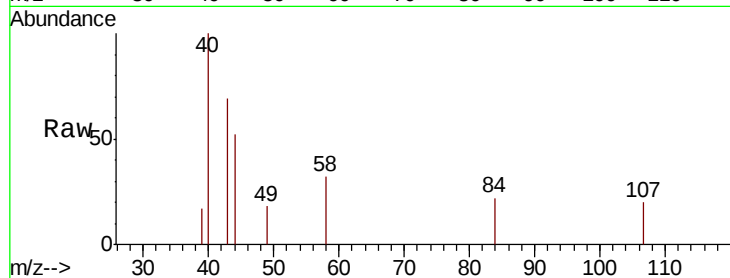




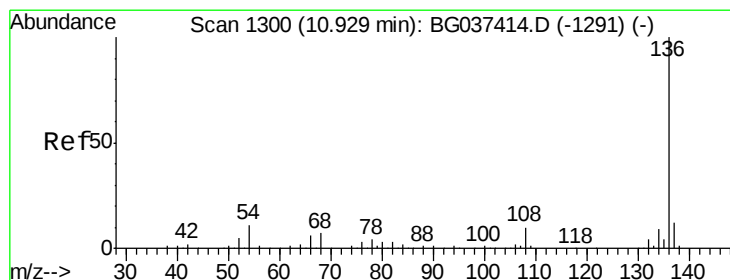
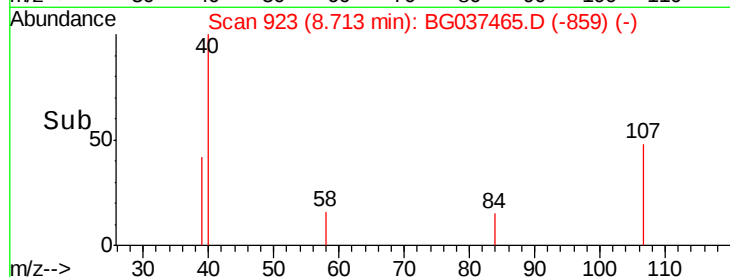
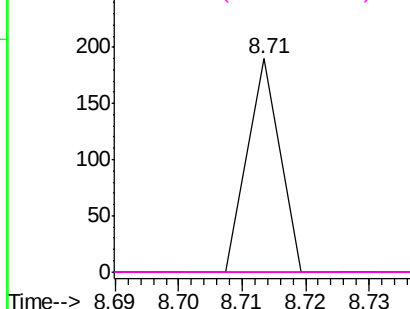
#20
 3+4-Methylphenols
 Concen: 0.012 ng
 RT: 8.71 min Scan# 923
 Delta R.T. -0.15 min
 Lab File: BG037465.D
 Acq: 20 Oct 2018 00:25

Instrument :
 BNA_G
 ClientSampleId :
 PB113698BL

Tgt Ion:	107	Resp:	67
Ion	Ratio	Lower	Upper
107	100		
108	0.0	69.9	109.9#
77	0.0	11.2	51.2#
79	0.0	6.6	46.6#



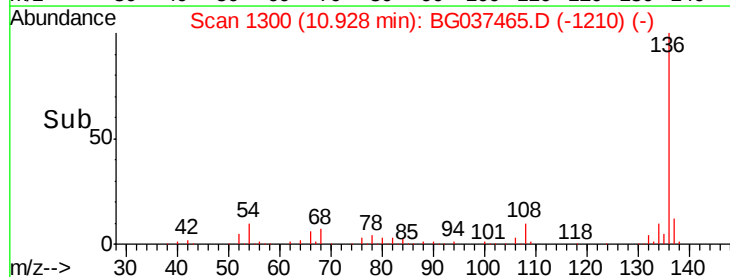
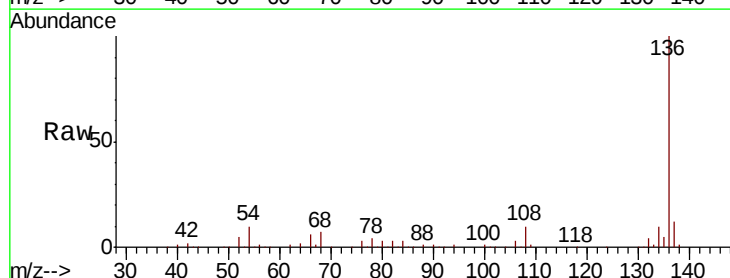
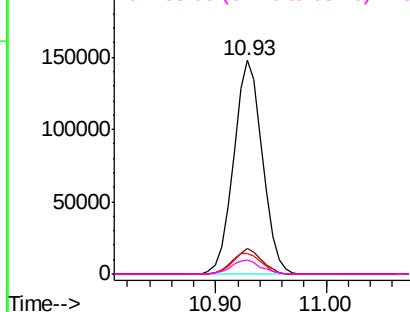
Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BGC
 Ion 79.00 (78.70 to 79.70): BGC

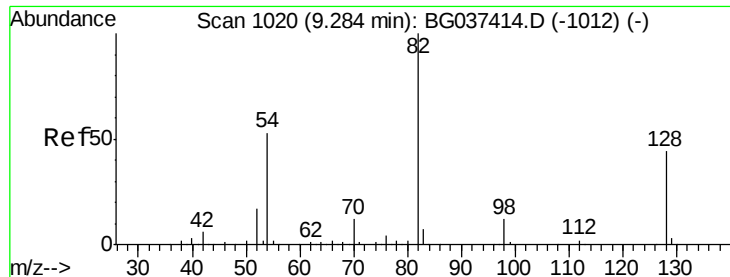


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.93 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BG037465.D
 Acq: 20 Oct 2018 00:25

Tgt Ion:	136	Resp:	268967
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	9.6	7.9	11.9
68	6.6	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): BGC
 Ion 68.00 (67.70 to 68.70): BGC

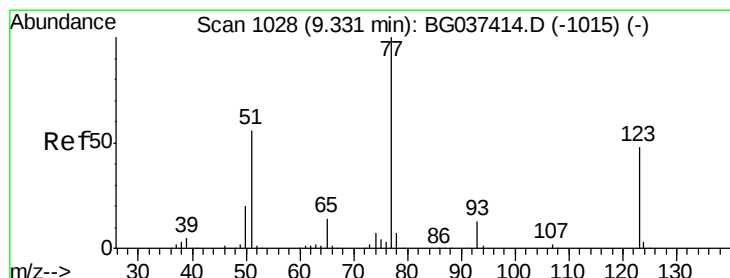
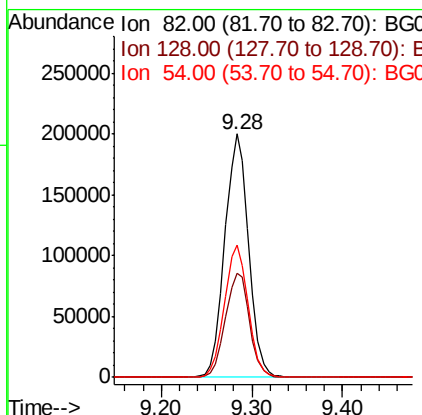
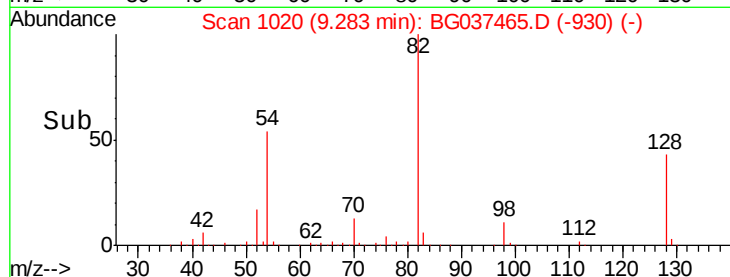
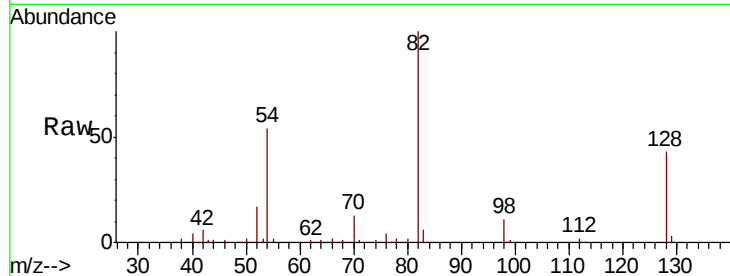




#23
Nitrobenzene-d5
Concen: 75.680 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037465.D
Acq: 20 Oct 2018 00:25

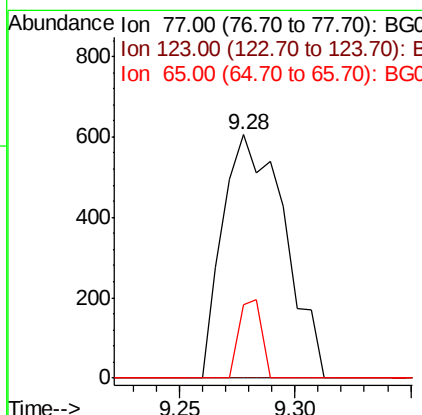
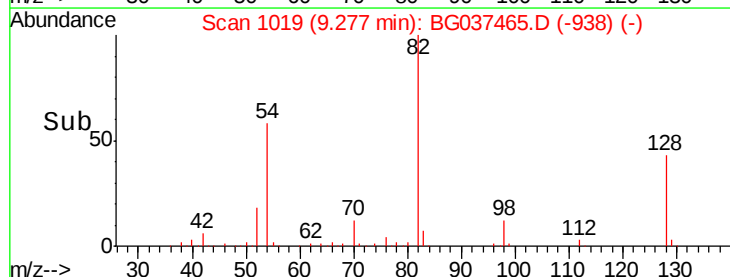
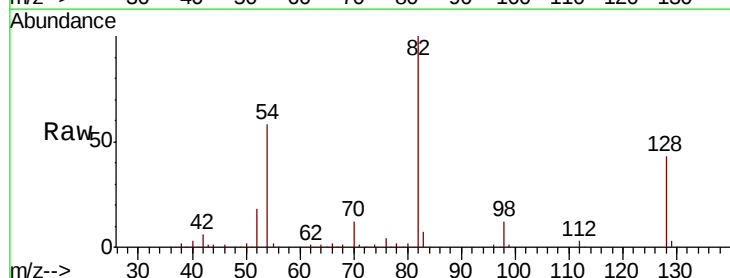
Instrument :
BNA_G
ClientSampleId :
PB113698BL

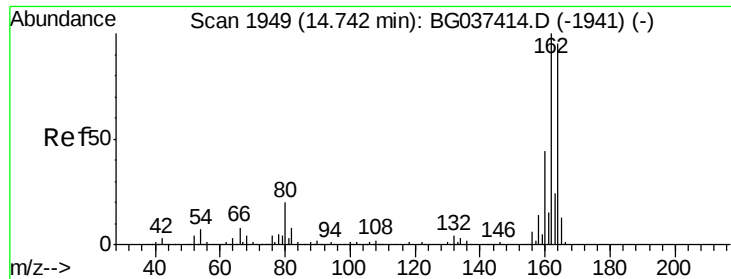
Tgt Ion: 82 Resp: 363366
Ion Ratio Lower Upper
82 100
128 42.9 34.6 51.8
54 54.1 45.3 67.9



#24
Nitrobenzene
Concen: 0.226 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.05 min
Lab File: BG037465.D
Acq: 20 Oct 2018 00:25

Tgt Ion: 77 Resp: 1127
Ion Ratio Lower Upper
77 100
123 0.0 33.6 50.4#
65 30.2 11.3 16.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037465.D

Acq: 20 Oct 2018 00:25

Instrument :

BNA_G

ClientSampleId :

PB113698BL

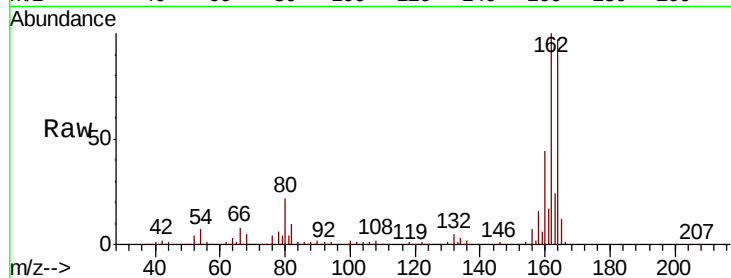
Tgt Ion:164 Resp: 186532

Ion Ratio Lower Upper

164 100

162 102.9 81.3 121.9

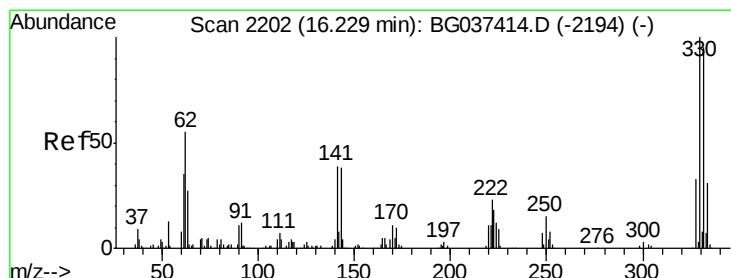
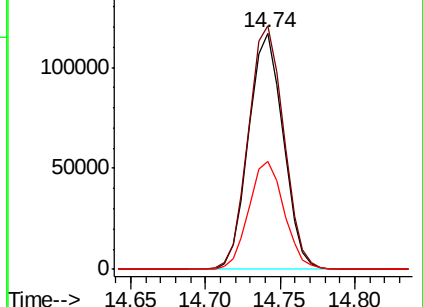
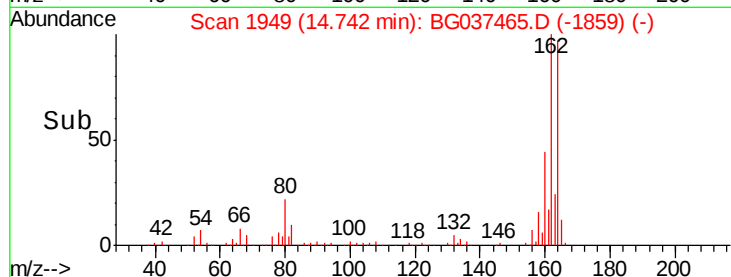
160 45.5 36.3 54.5



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: 116.492 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037465.D

Acq: 20 Oct 2018 00:25

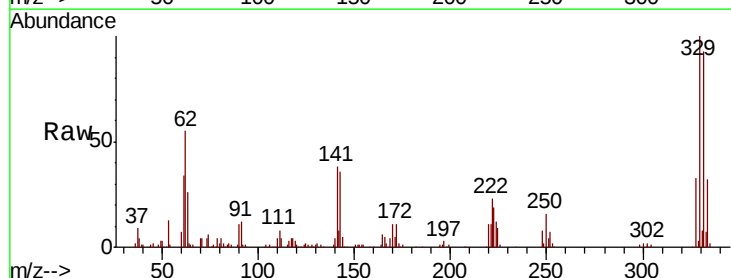
Tgt Ion:330 Resp: 237001

Ion Ratio Lower Upper

330 100

332 94.8 78.4 117.6

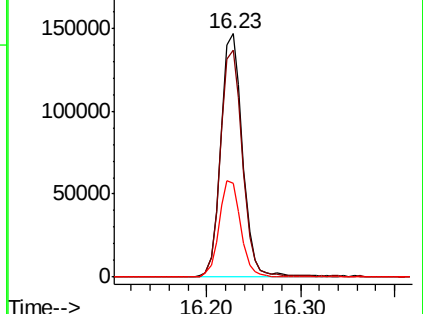
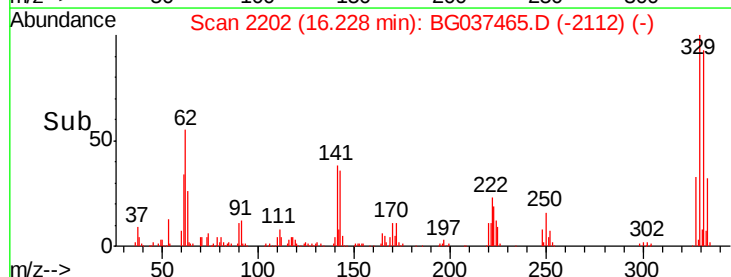
141 39.4 32.2 48.2

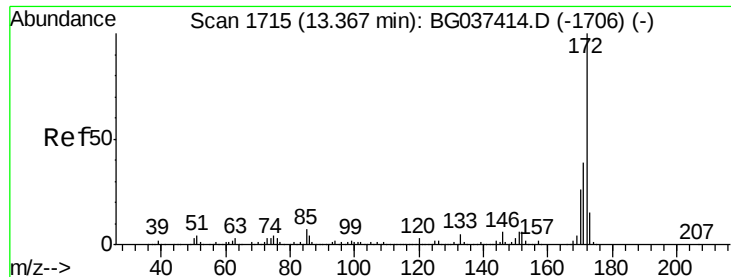


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

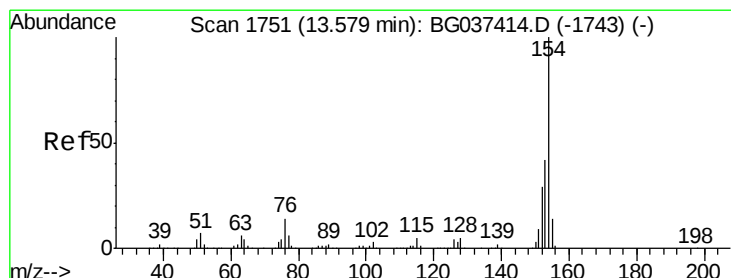
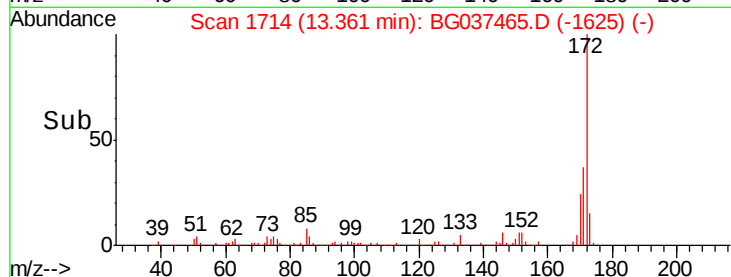
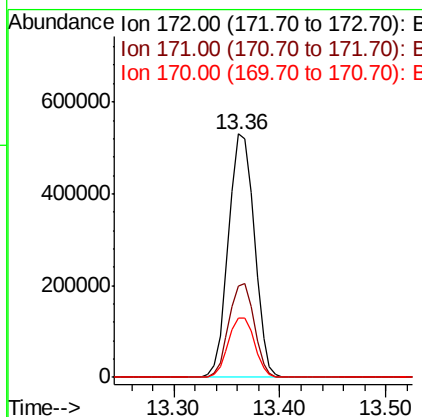
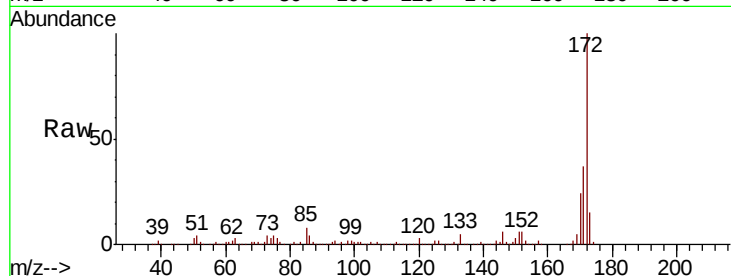




#45
2-Fluorobiphenyl
Concen: 72.616 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037465.D
Acq: 20 Oct 2018 00:25

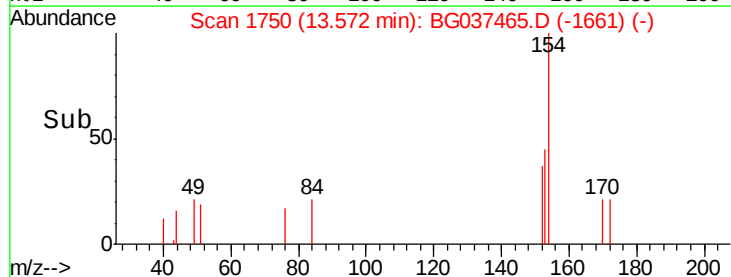
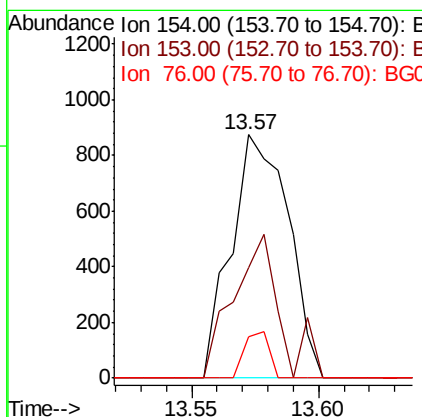
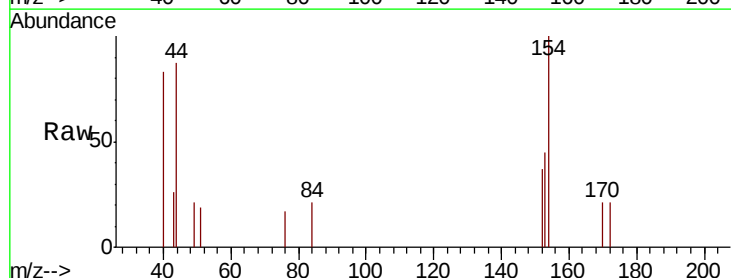
Instrument :
BNA_G
ClientSampleId :
PB113698BL

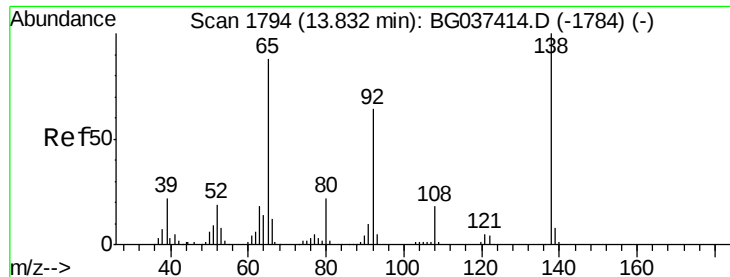
Tgt Ion:172 Resp: 898259
Ion Ratio Lower Upper
172 100
171 37.5 31.0 46.4
170 24.3 20.2 30.2



#46
1,1'-Biphenyl
Concen: 0.089 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037465.D
Acq: 20 Oct 2018 00:25

Tgt Ion:154 Resp: 1380
Ion Ratio Lower Upper
154 100
153 45.4 22.1 62.1
76 17.3 0.0 33.2

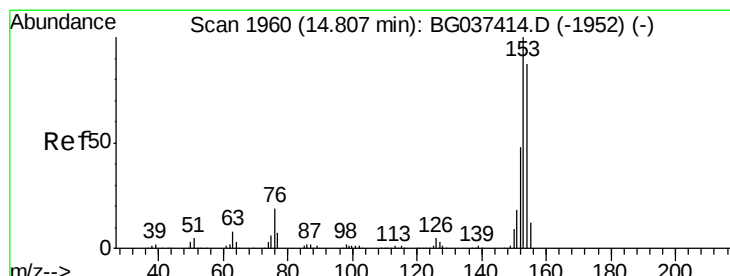
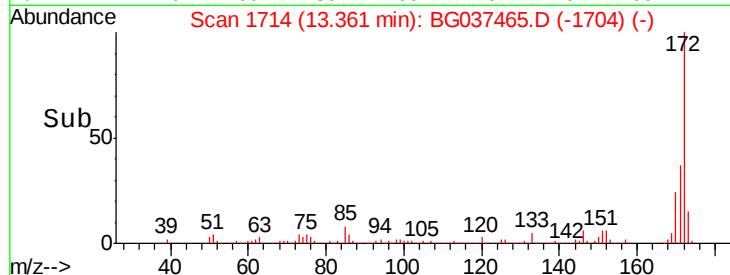
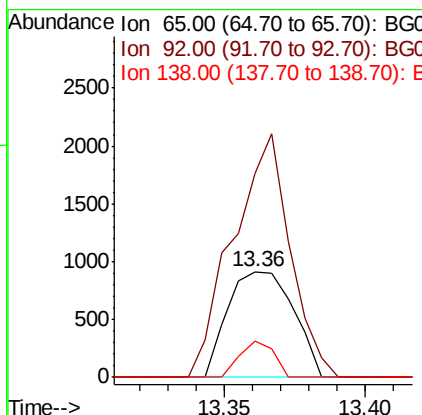
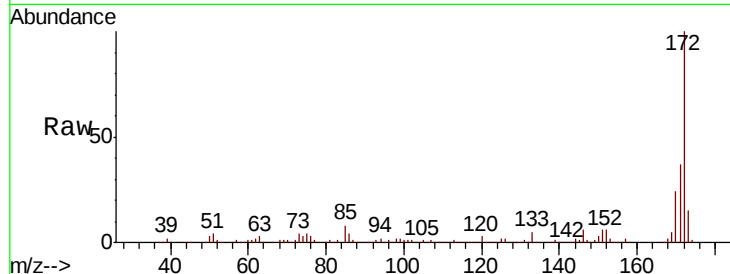




#48
 2-Nitroaniline
 Concen: 0.417 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.47 min
 Lab File: BG037465.D
 Acq: 20 Oct 2018 00:25

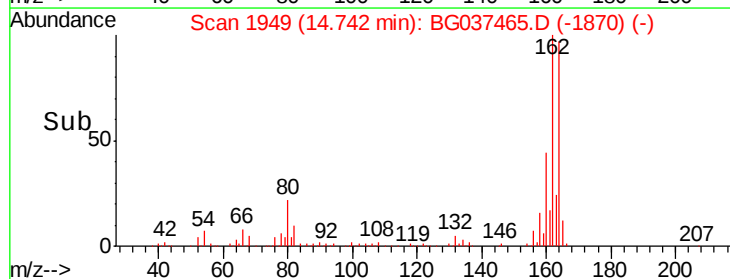
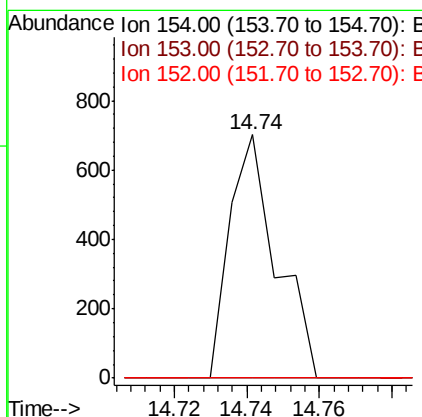
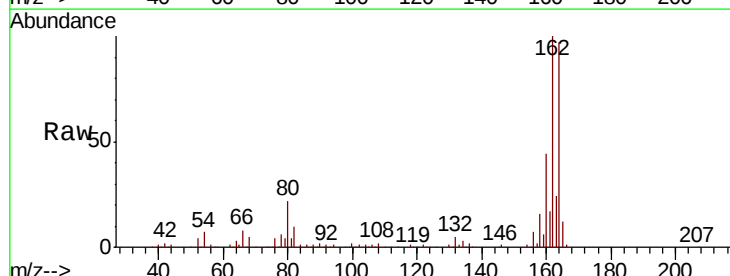
Instrument :
 BNA_G
 ClientSampleId :
 PB113698BL

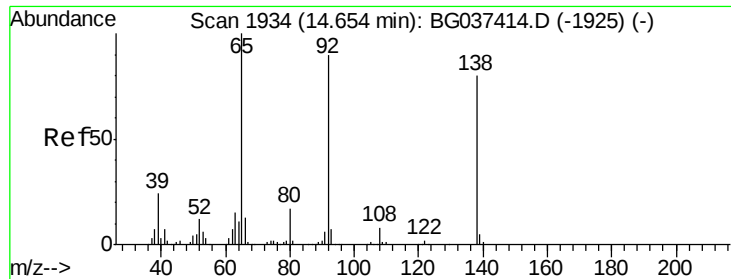
Tgt Ion: 65 Resp: 1477
 Ion Ratio Lower Upper
 65 100
 92 192.4 53.2 79.8#
 138 33.6 79.3 118.9#



#52
 Acenaphthene
 Concen: 0.058 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.07 min
 Lab File: BG037465.D
 Acq: 20 Oct 2018 00:25

Tgt Ion: 154 Resp: 632
 Ion Ratio Lower Upper
 154 100
 153 0.0 93.4 140.0#
 152 0.0 44.7 67.1#





#53

3-Nitroaniline

Concen: 0.016 ng

RT: 14.52 min Scan# 1911

Delta R.T. -0.14 min

Lab File: BG037465.D

Acq: 20 Oct 2018 00:25

Instrument :

BNA_G

ClientSampleId :

PB113698BL

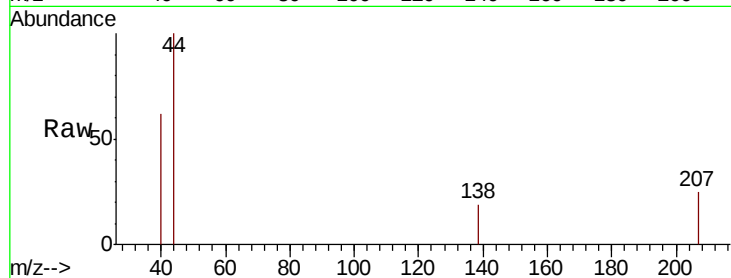
Tgt Ion:138 Resp: 55

Ion Ratio Lower Upper

138 100

108 0.0 11.0 16.6#

92 0.0 95.2 142.8#

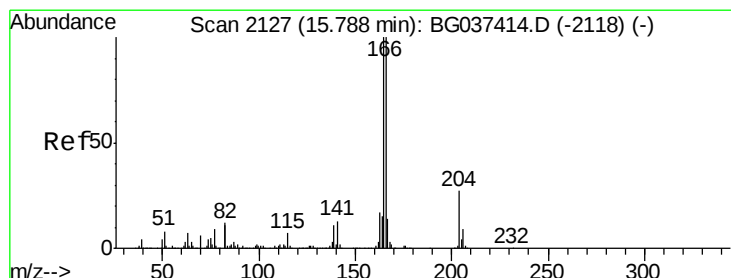
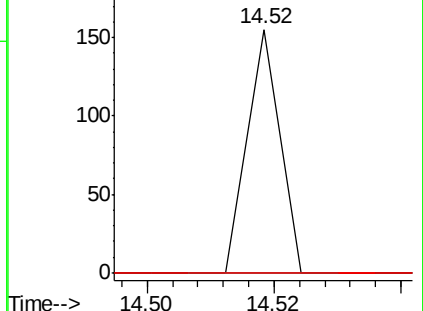
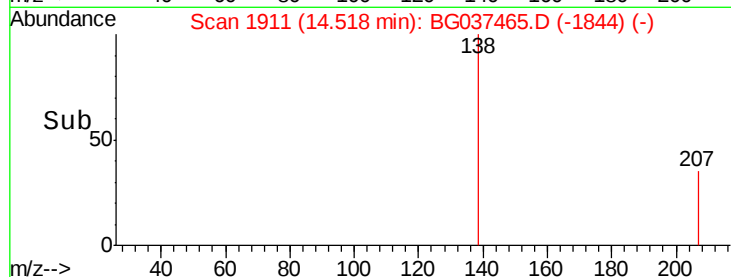


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B

14.52



#58

Fluorene

Concen: 0.868 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.43 min

Lab File: BG037465.D

Acq: 20 Oct 2018 00:25

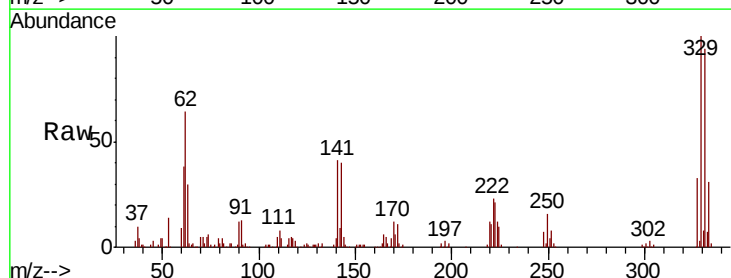
Tgt Ion:166 Resp: 11654

Ion Ratio Lower Upper

166 100

165 112.6 79.0 118.6

167 31.9 11.3 16.9#

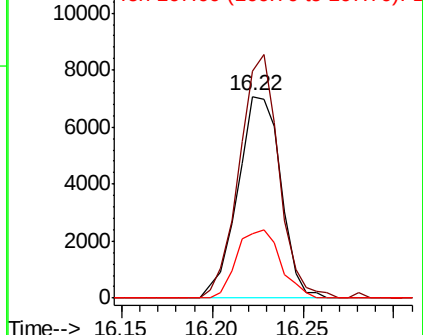
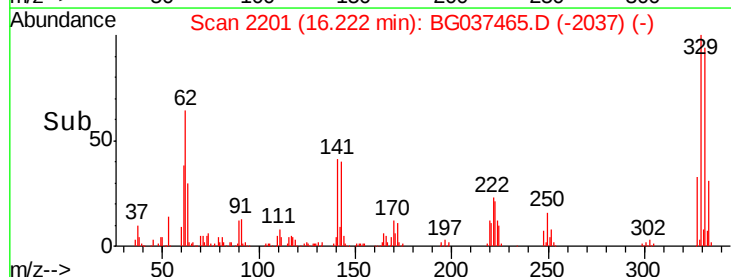


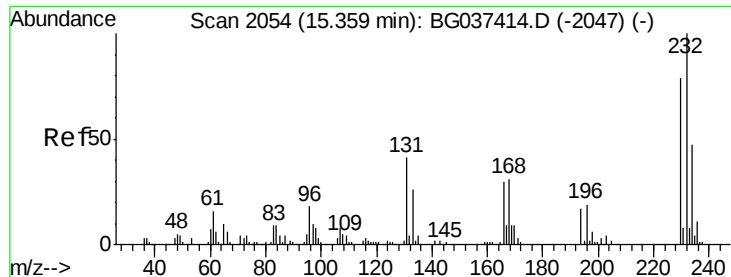
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

16.22

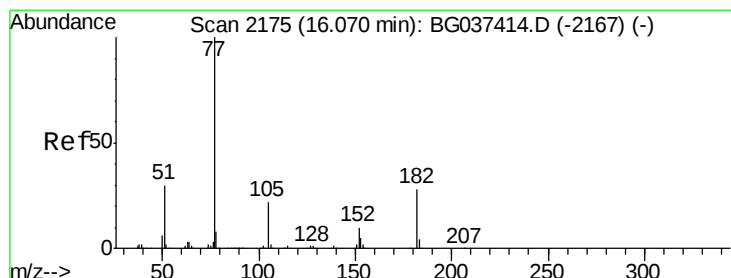
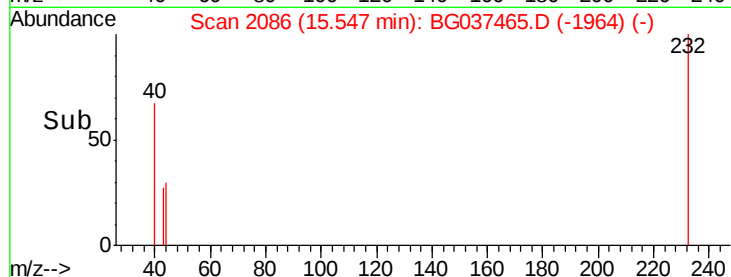
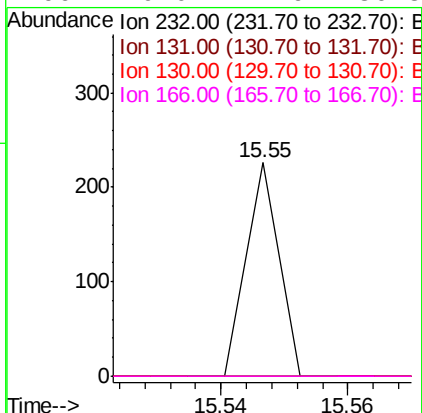
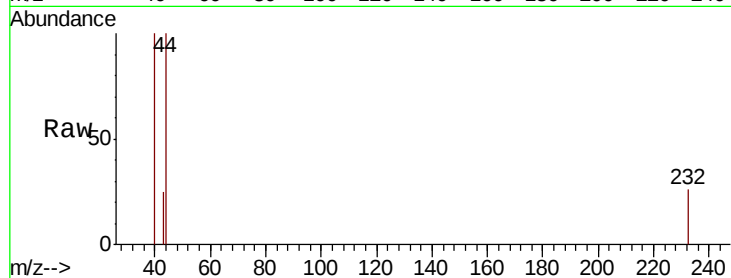




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 0.021 ng
 RT: 15.55 min Scan# 2086
 Delta R.T. 0.19 min
 Lab File: BG037465.D
 Acq: 20 Oct 2018 00:25

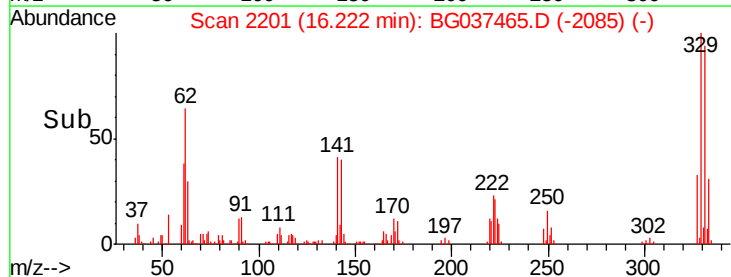
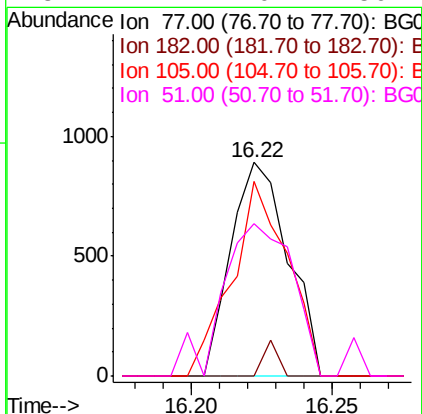
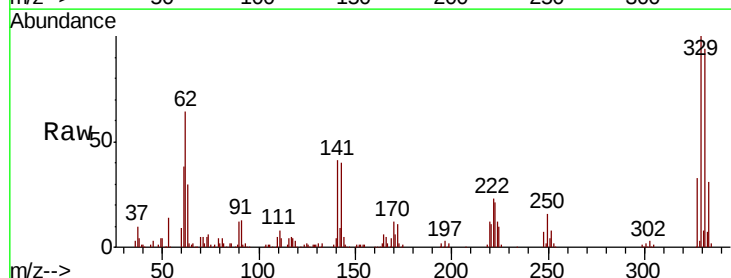
Instrument :
 BNA_G
 ClientSampleId :
 PB113698BL

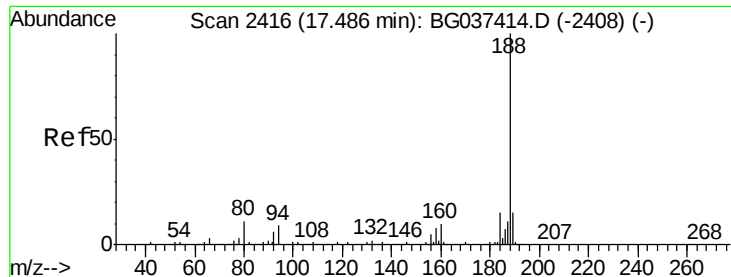
Tgt Ion: 232 Resp: 80
 Ion Ratio Lower Upper
 232 100
 131 0.0 33.7 50.5#
 130 0.0 2.1 3.1#
 166 0.0 24.6 36.8#



#63
 Azobenzene
 Concen: 0.089 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.15 min
 Lab File: BG037465.D
 Acq: 20 Oct 2018 00:25

Tgt Ion: 77 Resp: 1255
 Ion Ratio Lower Upper
 77 100
 182 0.0 8.0 48.0#
 105 91.4 1.3 41.3#
 51 71.4 10.7 50.7#

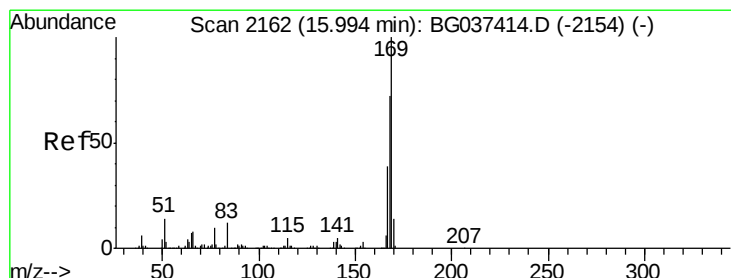
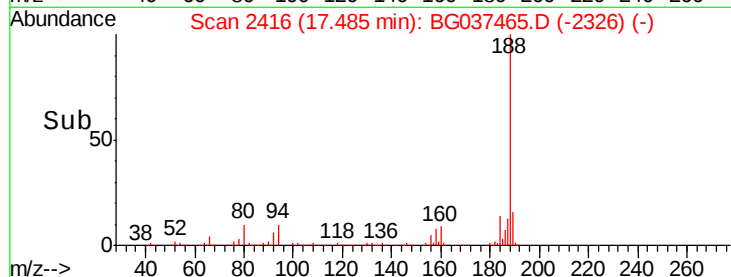
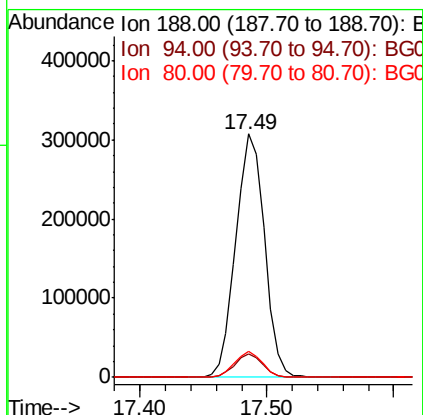
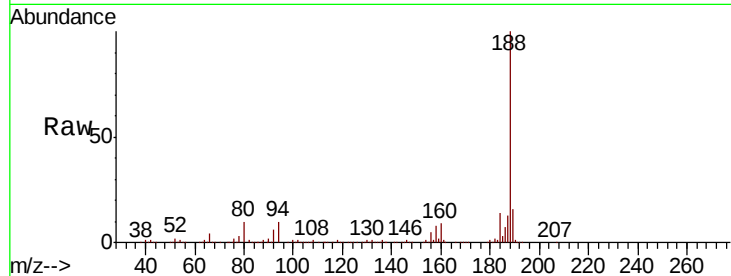




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037465.D
Acq: 20 Oct 2018 00:25

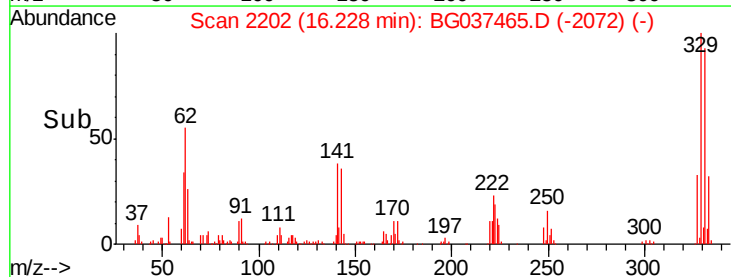
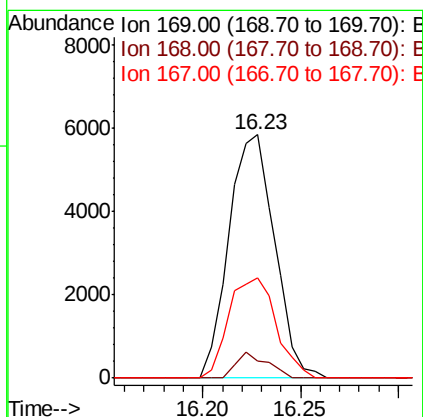
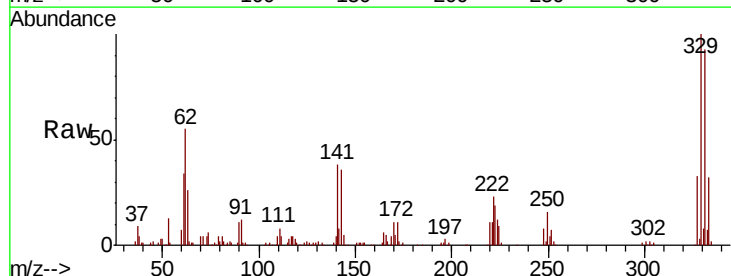
Instrument :
BNA_G
ClientSampleId :
PB113698BL

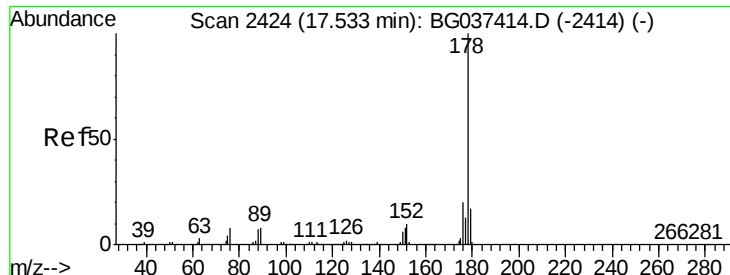
Tgt Ion:188 Resp: 482791
Ion Ratio Lower Upper
188 100
94 9.7 7.2 10.8
80 10.5 7.7 11.5



#66
n-Nitrosodiphenylamine
Concen: 0.652 ng
RT: 16.23 min Scan# 2202
Delta R.T. 0.23 min
Lab File: BG037465.D
Acq: 20 Oct 2018 00:25

Tgt Ion:169 Resp: 9475
Ion Ratio Lower Upper
169 100
168 7.0 55.7 83.5#
167 41.1 31.3 46.9

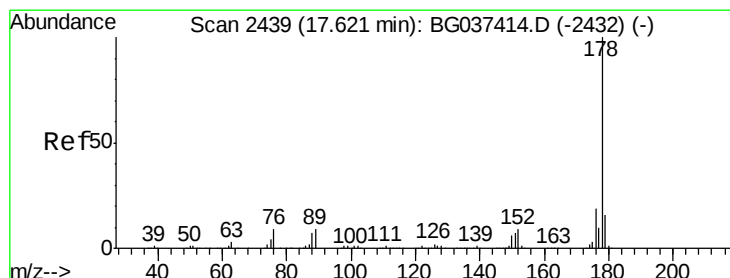
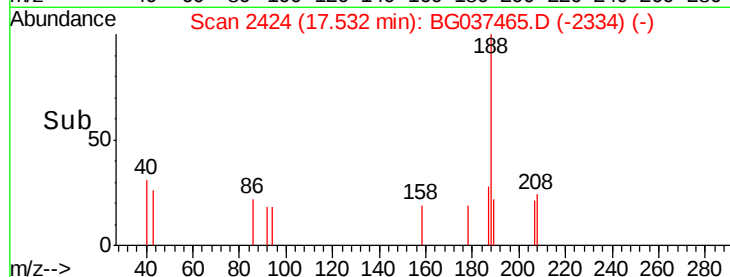
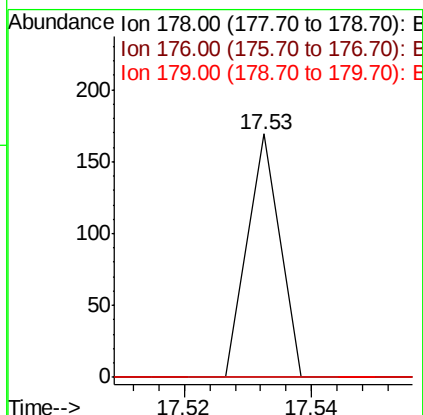
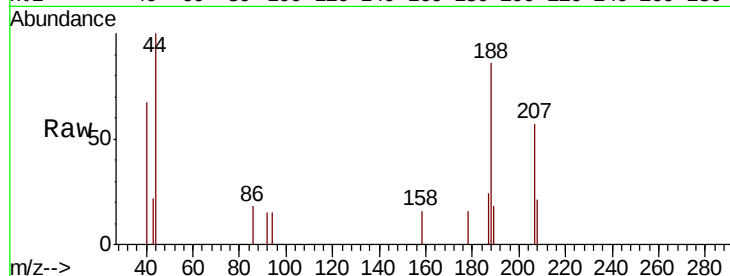




#71
Phenanthrene
Concen: 0.002 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037465.D
Acq: 20 Oct 2018 00:25

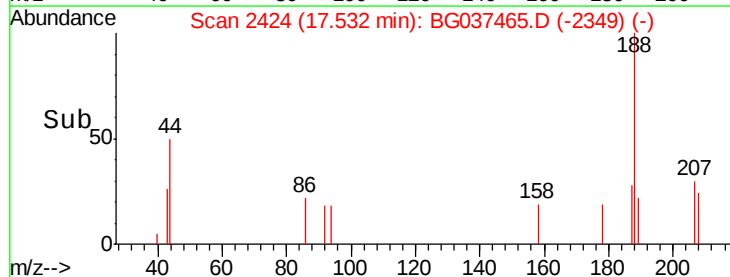
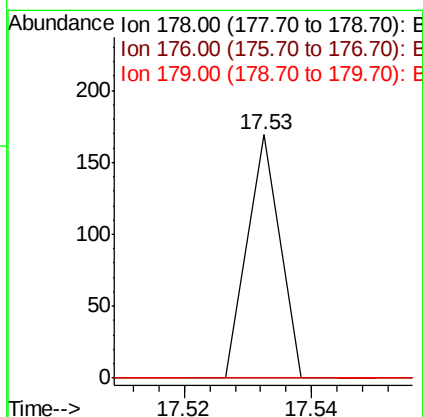
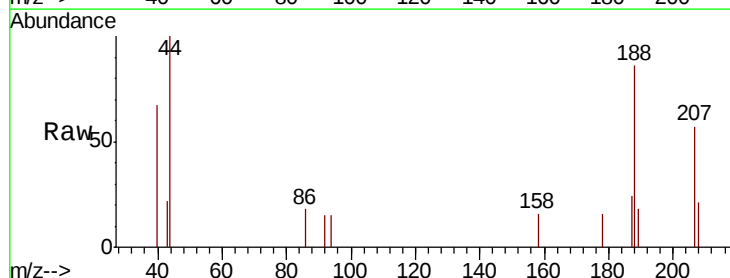
Instrument :
BNA_G
ClientSampleId :
PB113698BL

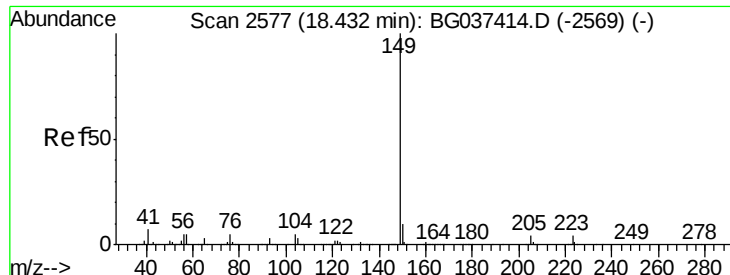
Tgt Ion:178 Resp: 60
Ion Ratio Lower Upper
178 100
176 0.0 16.1 24.1#
179 0.0 13.0 19.4#



#72
Anthracene
Concen: 0.002 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.09 min
Lab File: BG037465.D
Acq: 20 Oct 2018 00:25

Tgt Ion:178 Resp: 60
Ion Ratio Lower Upper
178 100
176 0.0 15.0 22.4#
179 0.0 12.8 19.2#





#74

Di-n-butylphthalate

Concen: 0.002 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG037465.D

Acq: 20 Oct 2018 00:25

Instrument :

BNA_G

ClientSampleId :

PB113698BL

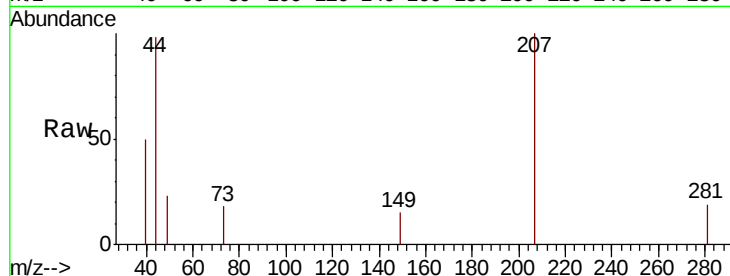
Tgt Ion:149 Resp: 57

Ion Ratio Lower Upper

149 100

150 0.0 8.2 12.2#

104 0.0 4.0 6.0#



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

18.43

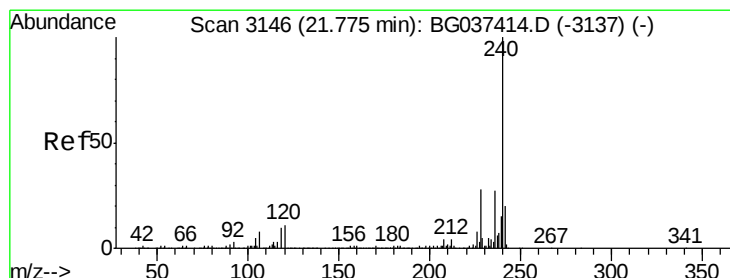
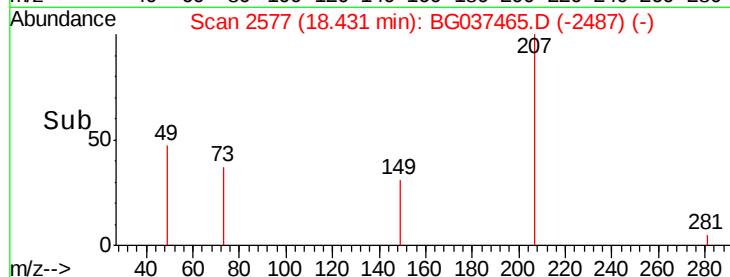
150

100

50

0

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037465.D

Acq: 20 Oct 2018 00:25

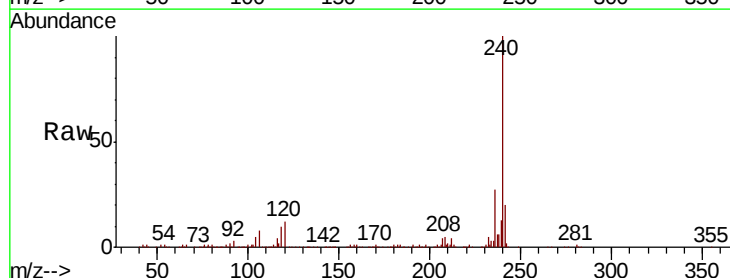
Tgt Ion:240 Resp: 444087

Ion Ratio Lower Upper

240 100

120 11.8 8.1 12.1

236 27.0 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

21.77

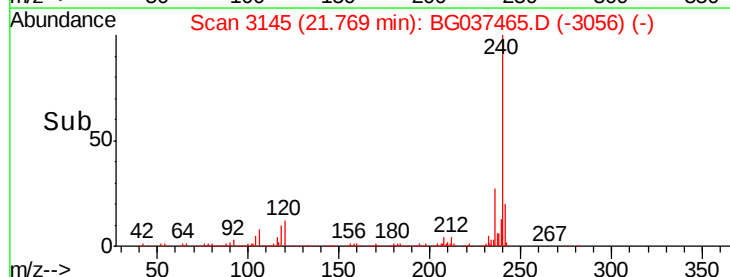
300000

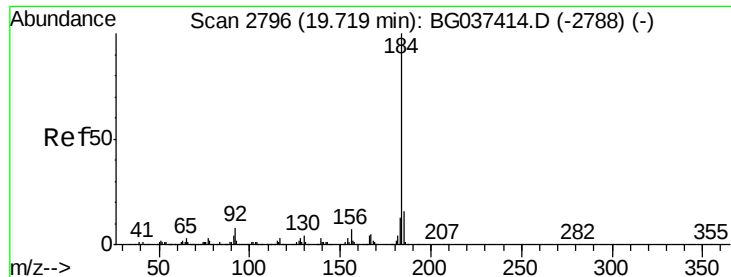
200000

100000

0

Time-->





#77

Benzidine

Concen: 1.560 ng

RT: 20.09 min Scan# 2859

Delta R.T. 0.37 min

Lab File: BG037465.D

Acq: 20 Oct 2018 00:25

Instrument :

BNA_G

ClientSampleId :

PB113698BL

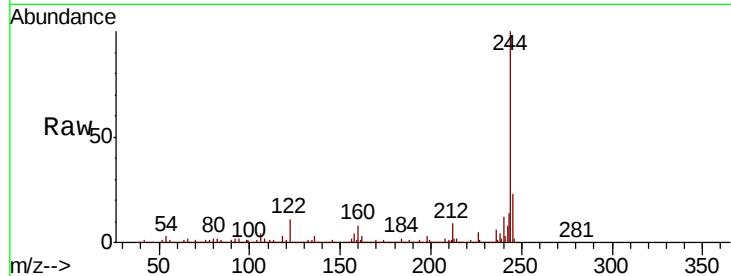
Tgt Ion:184 Resp: 23555

Ion Ratio Lower Upper

184 100

185 16.4 12.6 18.8

183 5.3 10.2 15.2#

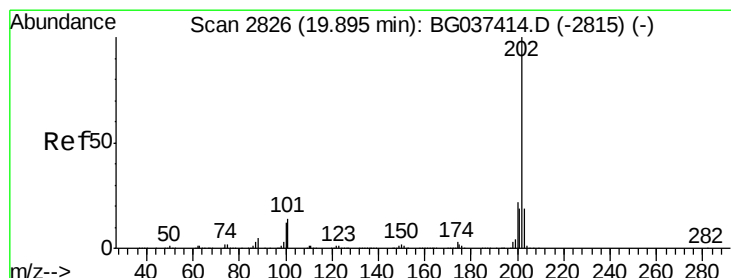
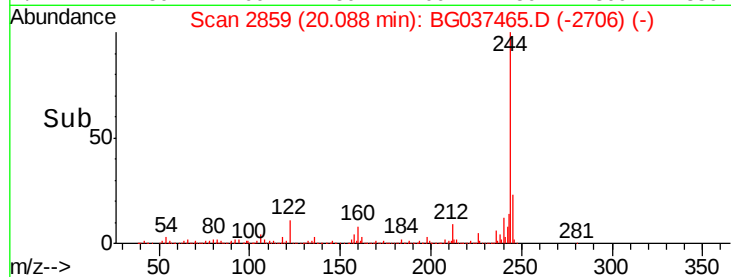
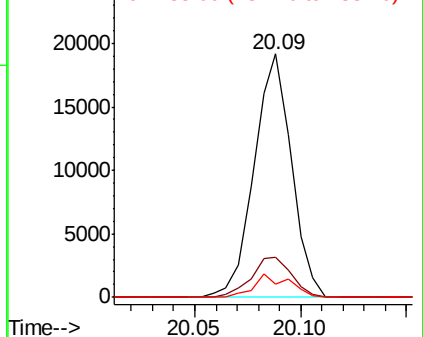


Abundance

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



#78

Pyrene

Concen: 0.191 ng

RT: 20.09 min Scan# 2859

Delta R.T. 0.19 min

Lab File: BG037465.D

Acq: 20 Oct 2018 00:25

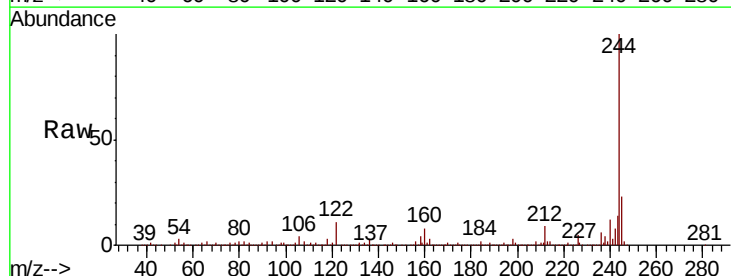
Tgt Ion:202 Resp: 5558

Ion Ratio Lower Upper

202 100

200 51.4 17.8 26.6#

203 13.3 15.2 22.8#

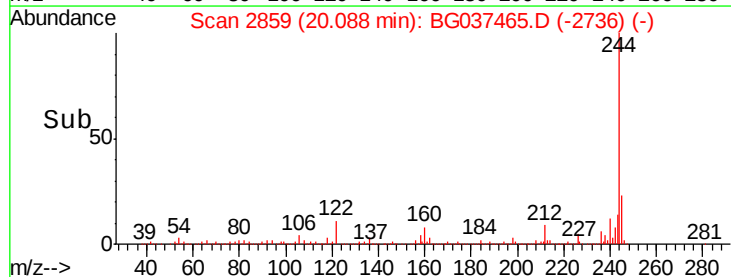
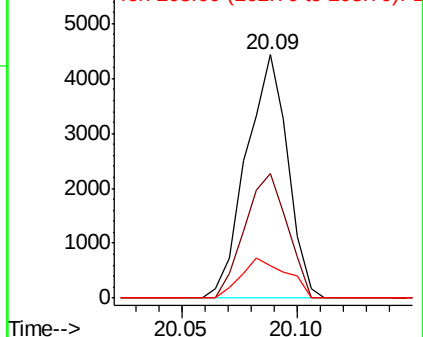


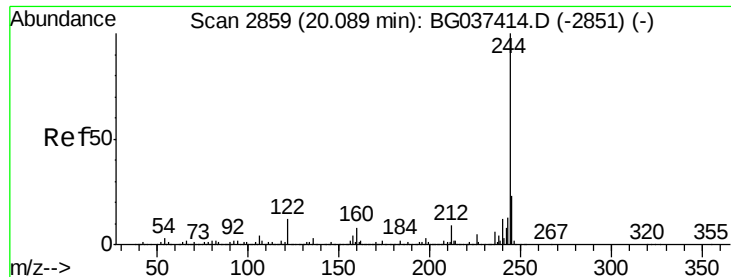
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.346 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037465.D

Acq: 20 Oct 2018 00:25

Instrument :

BNA_G

ClientSampleId :

PB113698BL

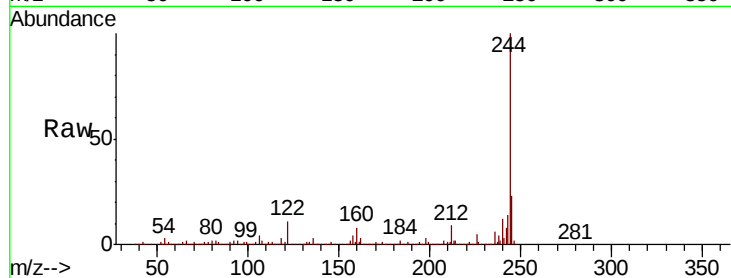
Tgt Ion:244 Resp: 1482789

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

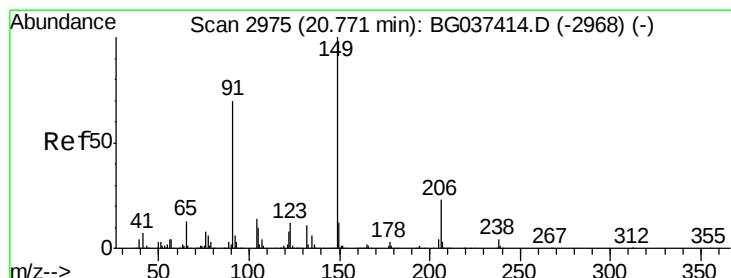
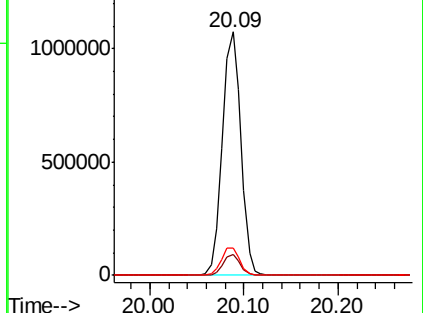
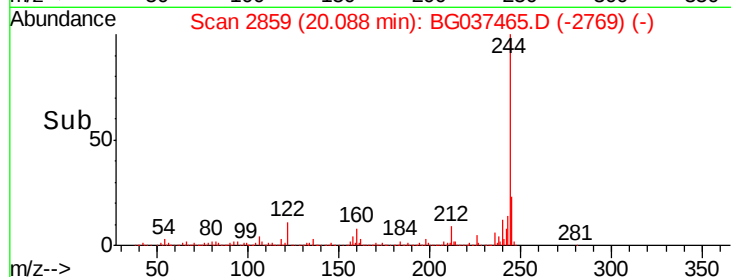
122 11.5 9.0 13.4



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



#80

Butylbenzylphthalate

Concen: 0.005 ng

RT: 20.80 min Scan# 2980

Delta R.T. 0.03 min

Lab File: BG037465.D

Acq: 20 Oct 2018 00:25

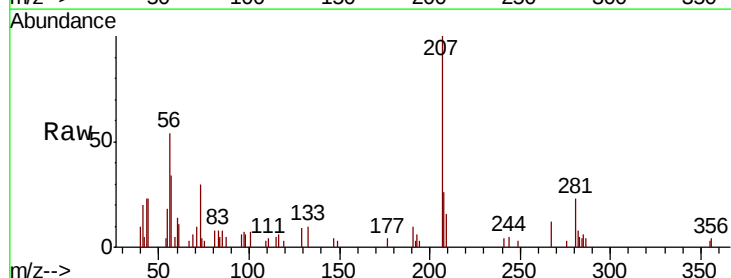
Tgt Ion:149 Resp: 54

Ion Ratio Lower Upper

149 100

91 0.0 57.0 85.4#

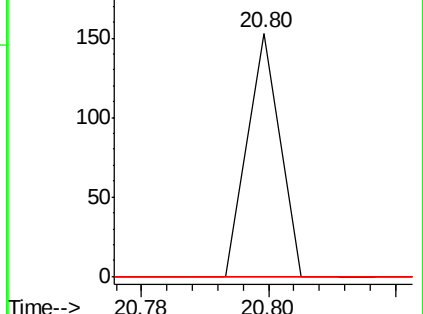
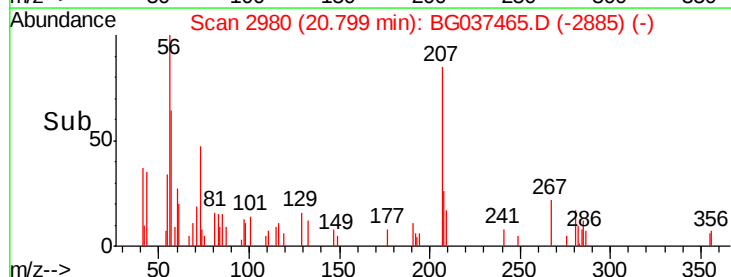
206 0.0 17.8 26.6#

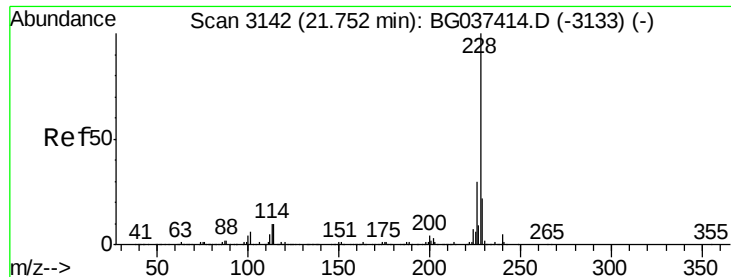


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

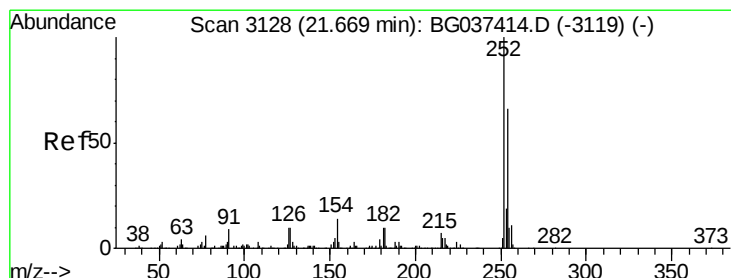
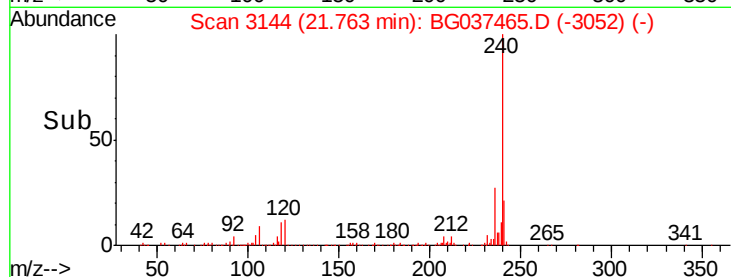
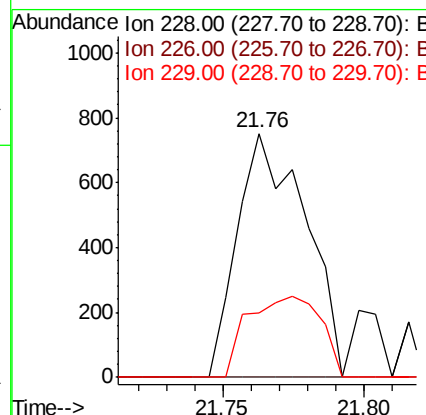
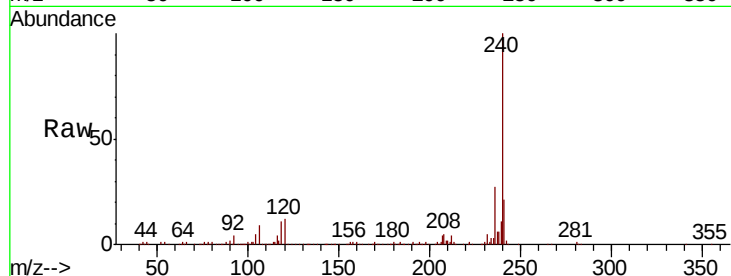




#81
Benzo(a)anthracene
Concen: 0.048 ng
RT: 21.76 min Scan# 3144
Delta R.T. 0.01 min
Lab File: BG037465.D
Acq: 20 Oct 2018 00:25

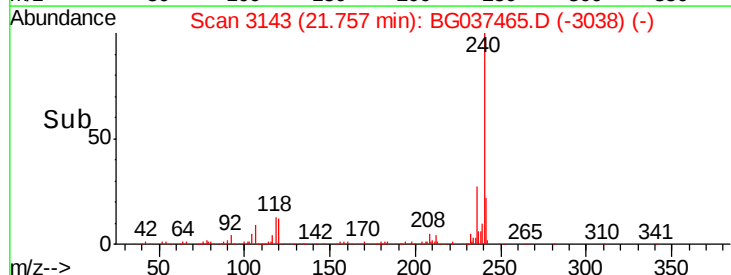
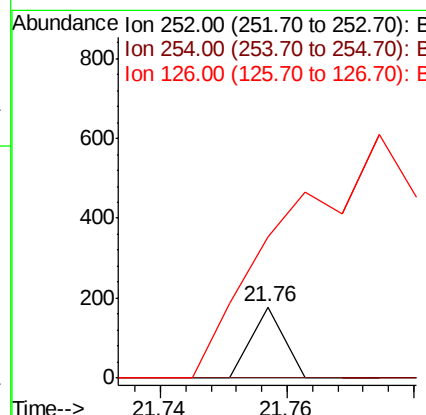
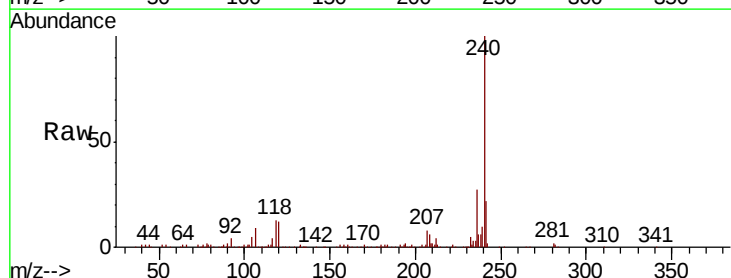
Instrument :
BNA_G
ClientSampleId :
PB113698BL

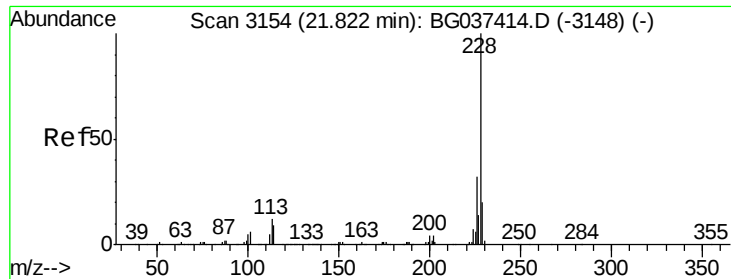
Tgt Ion: 228 Resp: 1254
Ion Ratio Lower Upper
228 100
226 0.0 22.6 33.8#
229 26.6 16.3 24.5#



#82
3,3'-Dichlorobenzidine
Concen: 0.006 ng
RT: 21.76 min Scan# 3143
Delta R.T. 0.09 min
Lab File: BG037465.D
Acq: 20 Oct 2018 00:25

Tgt Ion: 252 Resp: 63
Ion Ratio Lower Upper
252 100
254 0.0 52.0 78.0#
126 197.8 8.2 12.4#





#83

Chrysene

Concen: 0.050 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.06 min

Lab File: BG037465.D

Acq: 20 Oct 2018 00:25

Instrument :

BNA_G

ClientSampleId :

PB113698BL

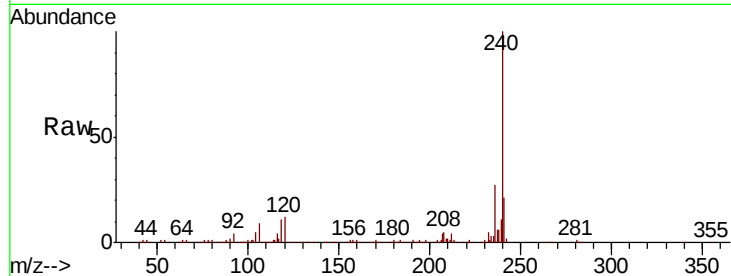
Tgt Ion:228 Resp: 1254

Ion Ratio Lower Upper

228 100

226 0.0 25.7 38.5#

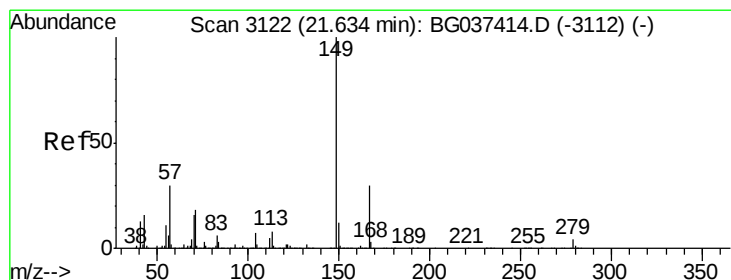
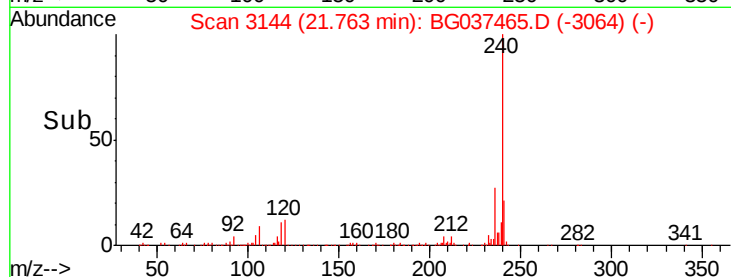
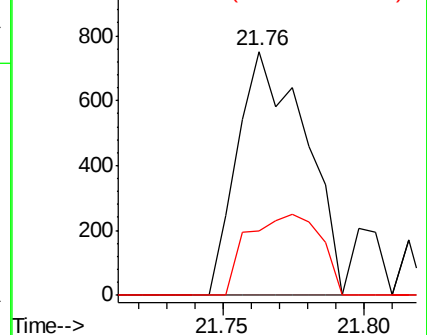
229 26.6 16.5 24.7#



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

Bis(2-ethylhexyl)phthalate

Concen: 0.033 ng

RT: 21.64 min Scan# 3123

Delta R.T. 0.01 min

Lab File: BG037465.D

Acq: 20 Oct 2018 00:25

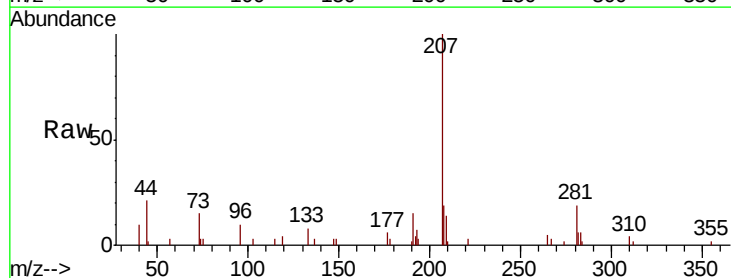
Tgt Ion:149 Resp: 552

Ion Ratio Lower Upper

149 100

167 0.0 23.0 34.4#

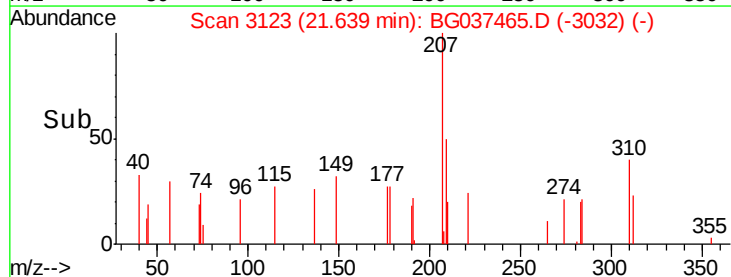
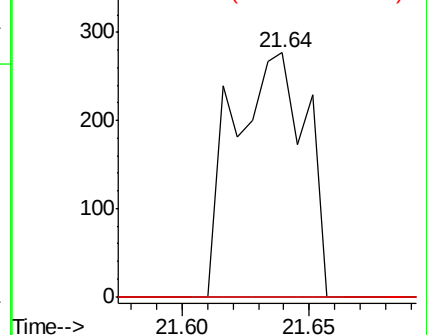
279 0.0 3.6 5.4#

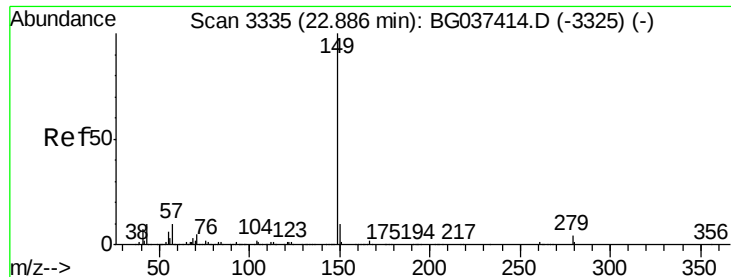


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

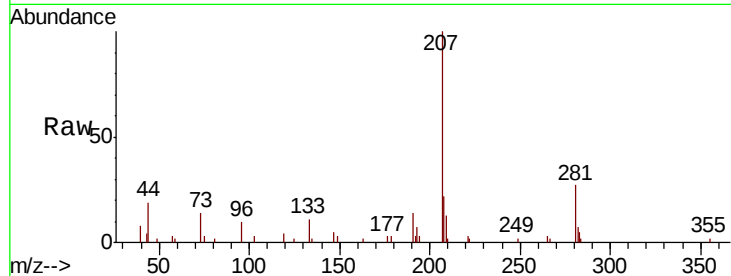




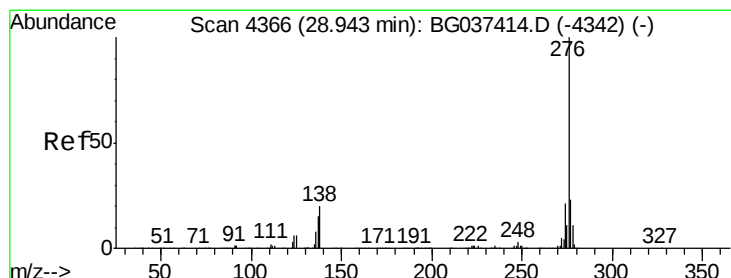
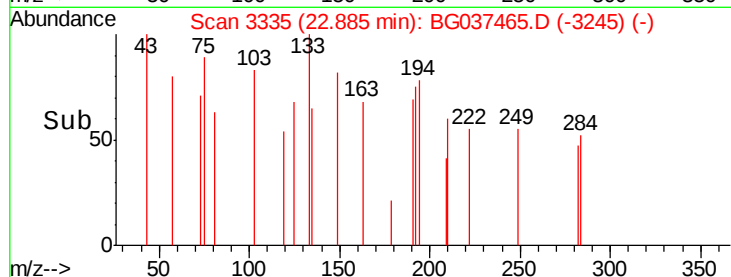
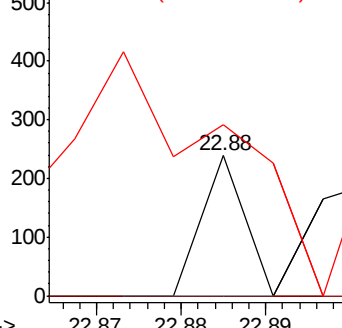
#85
Di-n-octyl phthalate
Concen: 0.003 ng
RT: 22.88 min Scan# 3335
Delta R.T. -0.00 min
Lab File: BG037465.D
Acq: 20 Oct 2018 00:25

Instrument :
BNA_G
ClientSampleId :
PB113698BL

Tgt Ion:149 Resp: 84
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 603.6 8.7 13.1#

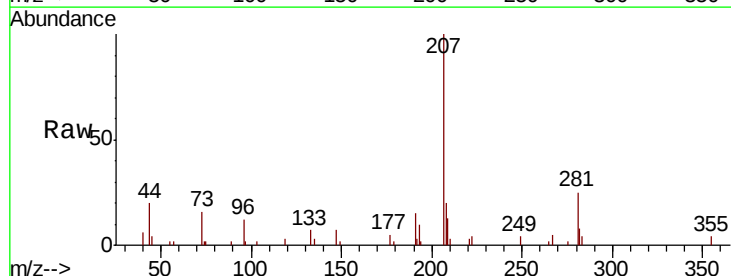


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BG

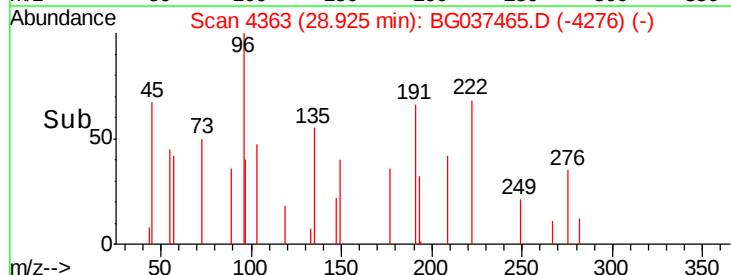
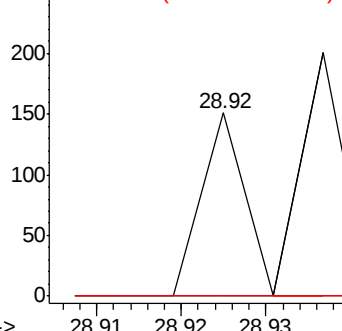


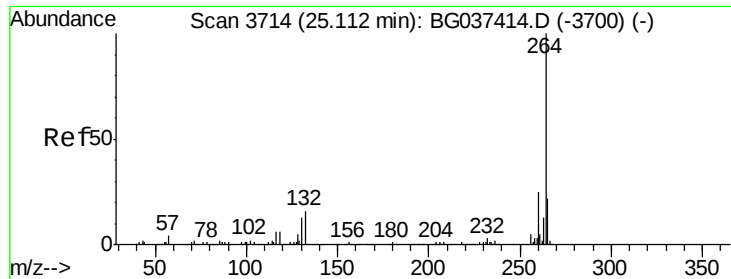
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 28.92 min Scan# 4363
Delta R.T. -0.02 min
Lab File: BG037465.D
Acq: 20 Oct 2018 00:25

Tgt Ion:276 Resp: 53
Ion Ratio Lower Upper
276 100
138 0.0 12.0 18.0#
277 0.0 20.6 30.8#



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





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3714

Delta R.T. -0.00 min

Lab File: BG037465.D

Acq: 20 Oct 2018 00:25

Instrument :

BNA_G

ClientSampleId :

PB113698BL

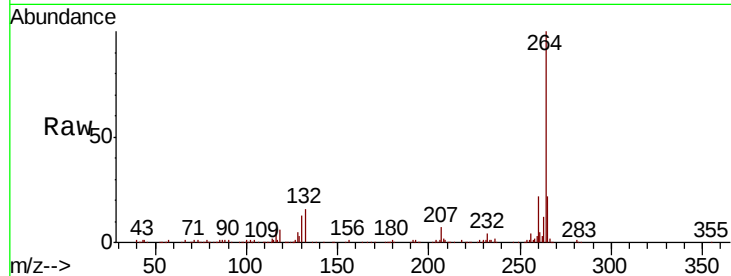
Tgt Ion:264 Resp: 438283

Ion Ratio Lower Upper

264 100

260 22.1 18.2 27.4

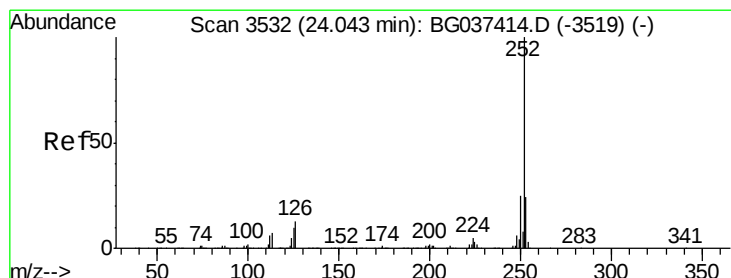
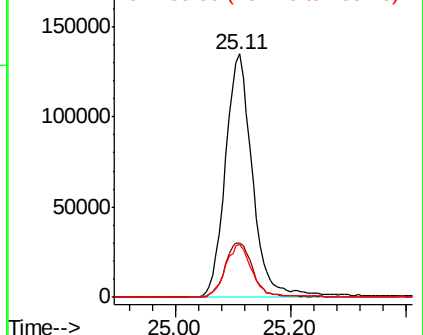
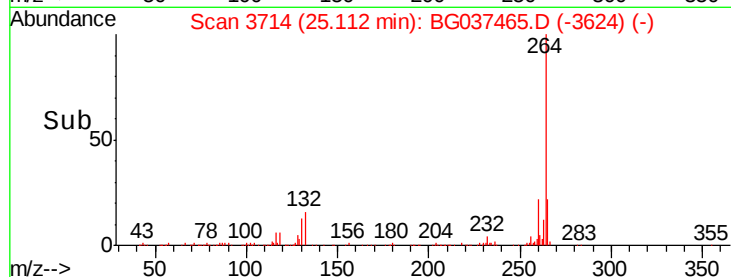
265 21.8 17.9 26.9



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



#88

Benzo(b)fluoranthene

Concen: 0.002 ng

RT: 24.06 min Scan# 3535

Delta R.T. 0.02 min

Lab File: BG037465.D

Acq: 20 Oct 2018 00:25

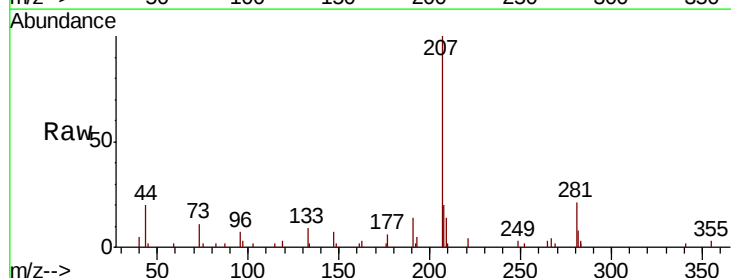
Tgt Ion:252 Resp: 56

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.2#

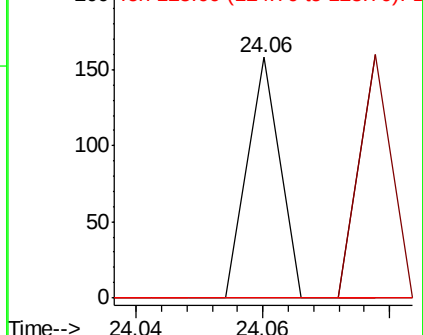
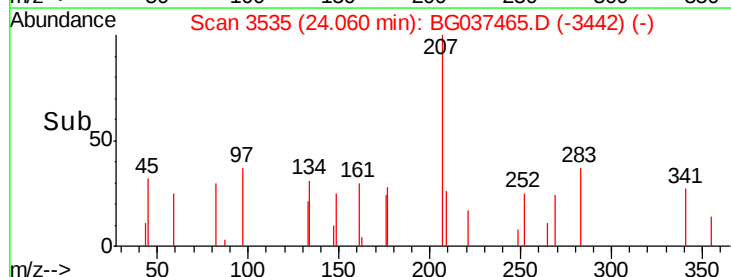
125 0.0 7.8 11.6#

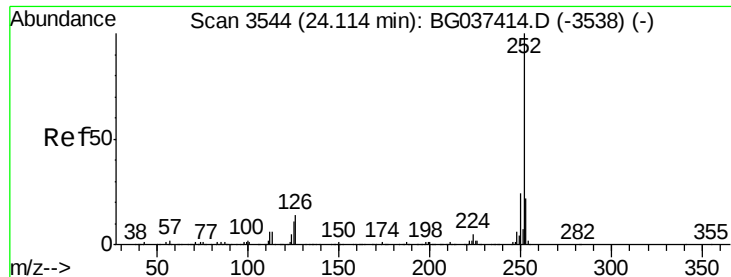


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 0.004 ng

RT: 24.10 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG037465.D

Acq: 20 Oct 2018 00:25

Instrument :

BNA_G

ClientSampleId :

PB113698BL

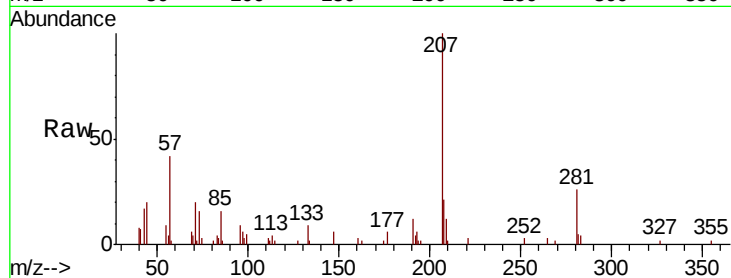
Tgt Ion:252 Resp: 88

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

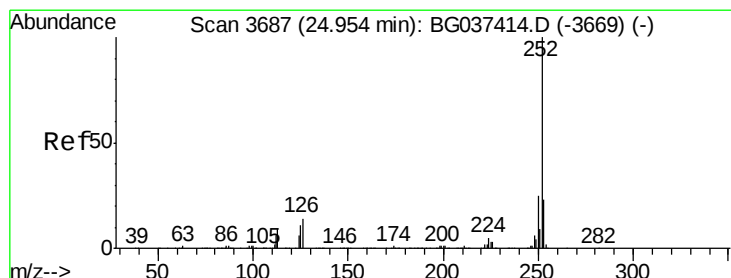
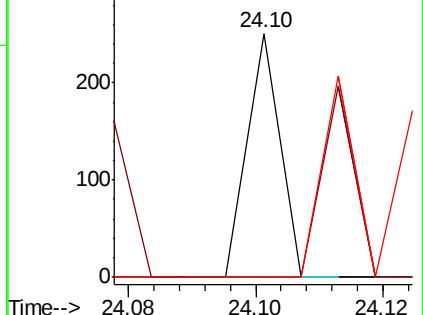
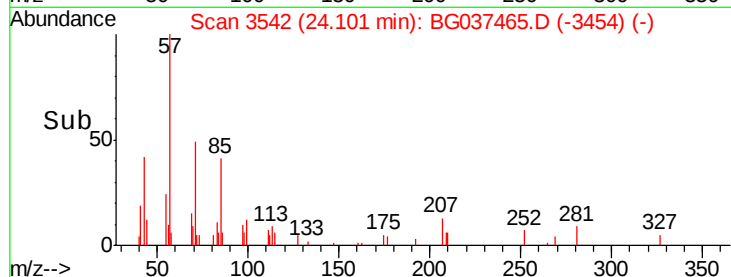
125 0.0 7.4 11.0#



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



#90

Benzo(a)pyrene

Concen: 0.003 ng

RT: 24.98 min Scan# 3691

Delta R.T. 0.02 min

Lab File: BG037465.D

Acq: 20 Oct 2018 00:25

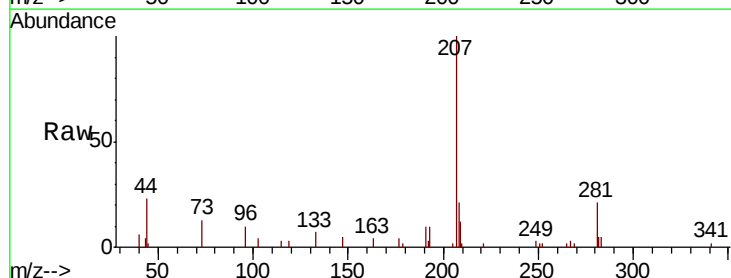
Tgt Ion:252 Resp: 71

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

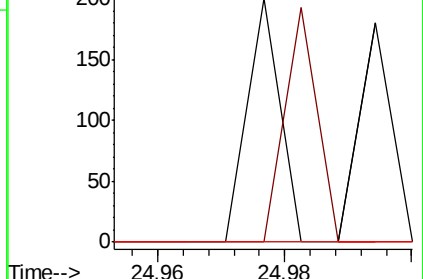
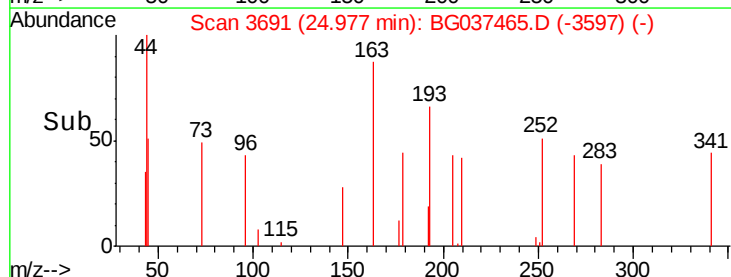
125 0.0 9.0 13.6#

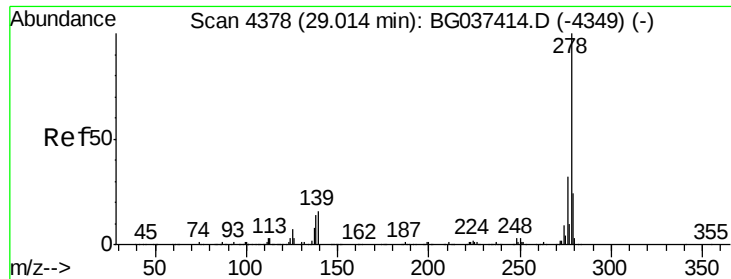


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

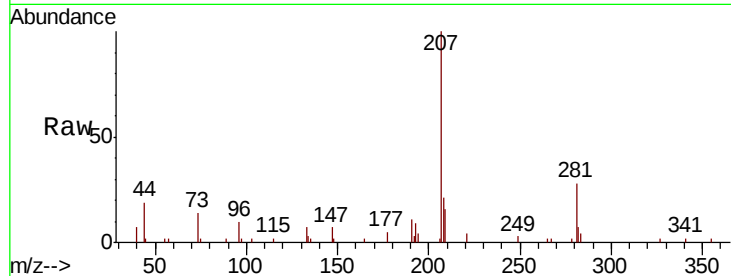




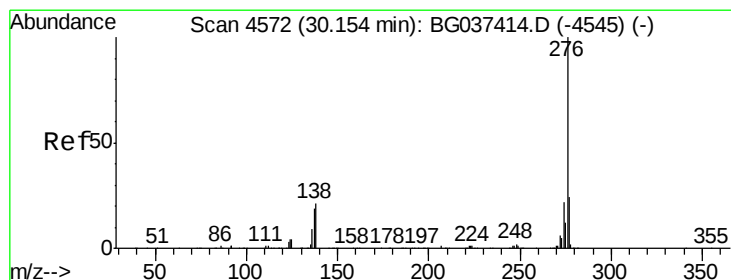
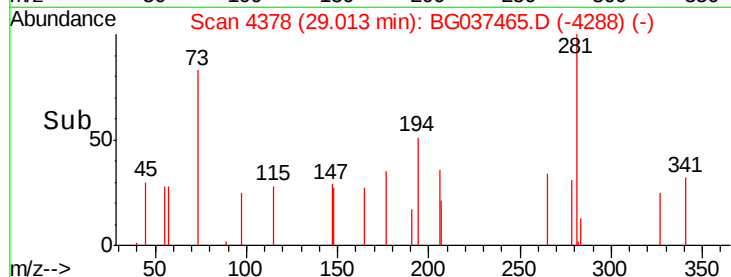
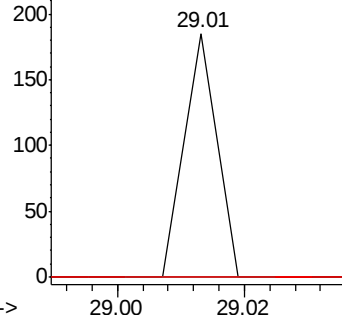
#91
Dibenzo(a,h)anthracene
Concen: 0.003 ng
RT: 29.01 min Scan# 4378
Delta R.T. -0.00 min
Lab File: BG037465.D
Acq: 20 Oct 2018 00:25

Instrument :
BNA_G
ClientSampleId :
PB113698BL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.5	17.3#
279	0.0	18.6	27.8#

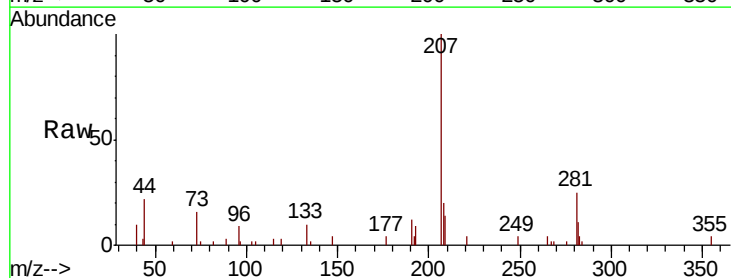


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 0.005 ng
RT: 30.12 min Scan# 4567
Delta R.T. -0.03 min
Lab File: BG037465.D
Acq: 20 Oct 2018 00:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.9	28.3#
138	0.0	17.2	25.8#



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

