

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
 Data File : BG037470.D
 Acq On : 20 Oct 2018 3:40
 Operator : JU/SJ
 Sample : PB113548BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BL

Quant Time: Oct 20 06:03:47 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	57535	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	240522	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	163301	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	418324	20.00	ng	0.00
76) Chrysene-d12	21.77	240	382160	20.00	ng	0.00
87) Perylene-d12	25.10	264	358809	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	333091	96.79	ng	0.00
7) Phenol-d6	7.25	99	483318	92.88	ng	0.00
23) Nitrobenzene-d5	9.29	82	398917	92.91	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	160477	90.10	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	970396	89.61	ng	0.00
79) Terphenyl-d14	20.09	244	1571631	87.87	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.55	88	61	0.035	ng	# 1
3) Pyridine	4.05	79	60	0.014	ng	# 1
4) n-Nitrosodimethylamine	3.84	42	98	0.063	ng	# 1
6) Aniline	7.64	93	493	0.078	ng	# 1
9) Benzaldehyde	7.25	77	627	0.193	ng	# 4
10) Phenol	7.63	94	905	0.165	ng	# 1
11) bis(2-Chloroethyl)ether	7.64	93	493	0.118	ng	# 1
15) Benzyl Alcohol	8.43	79	5424	1.411	ng	# 37
19) n-Nitroso-di-n-propylamine	9.28	70	49302	13.758	ng	# 71
24) Nitrobenzene	9.28	77	1110	0.249	ng	# 44
25) Isophorone	9.62	82	78	0.010	ng	# 67
46) 1,1'-Biphenyl	13.58	154	1634	0.121	ng	# 86
48) 2-Nitroaniline	13.36	65	1681	0.542	ng	# 2
51) 2,6-Dinitrotoluene	14.74	165	21765	7.788	ng	# 26
52) Acenaphthene	14.81	154	53	0.006	ng	# 3
57) 2,4-Dinitrotoluene	14.74	165	21765	5.933	ng	# 25
58) Fluorene	16.22	166	8011	0.681	ng	# 93
63) Azobenzene	16.22	77	847	0.068	ng	# 1
65) 4,6-Dinitro-2-methylphenol	16.23	198	396	8.656	ng	# 79
66) n-Nitrosodiphenylamine	16.23	169	6640	0.528	ng	# 51
67) 4-Bromophenyl-phenylether	16.23	248	12648	2.753	ng	# 1
71) Phenanthrene	17.48	178	108	0.005	ng	# 36
72) Anthracene	17.48	178	108	0.005	ng	# 36
74) Di-n-butylphthalate	18.43	149	96	0.004	ng	# 77
77) Benizidine	20.09	184	26668	2.052	ng	# 95
78) Pyrene	20.09	202	6256	0.250	ng	# 70
80) Butylbenzylphthalate	20.80	149	57	0.006	ng	# 23
81) Benzo(a)anthracene	21.77	228	1058	0.047	ng	# 64
82) 3,3'-Dichlorobenzidine	21.73	252	73	0.008	ng	# 25
83) Chrysene	21.77	228	1058	0.049	ng	# 61
84) Bis(2-ethylhexyl)phthalate	21.63	149	688	0.048	ng	# 51
85) Di-n-octyl phthalate	22.89	149	270	0.012	ng	# 74
88) Benzo(b)fluoranthene	24.03	252	59	0.003	ng	# 59
89) Benzo(k)fluoranthene	24.03	252	59	0.003	ng	# 60

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

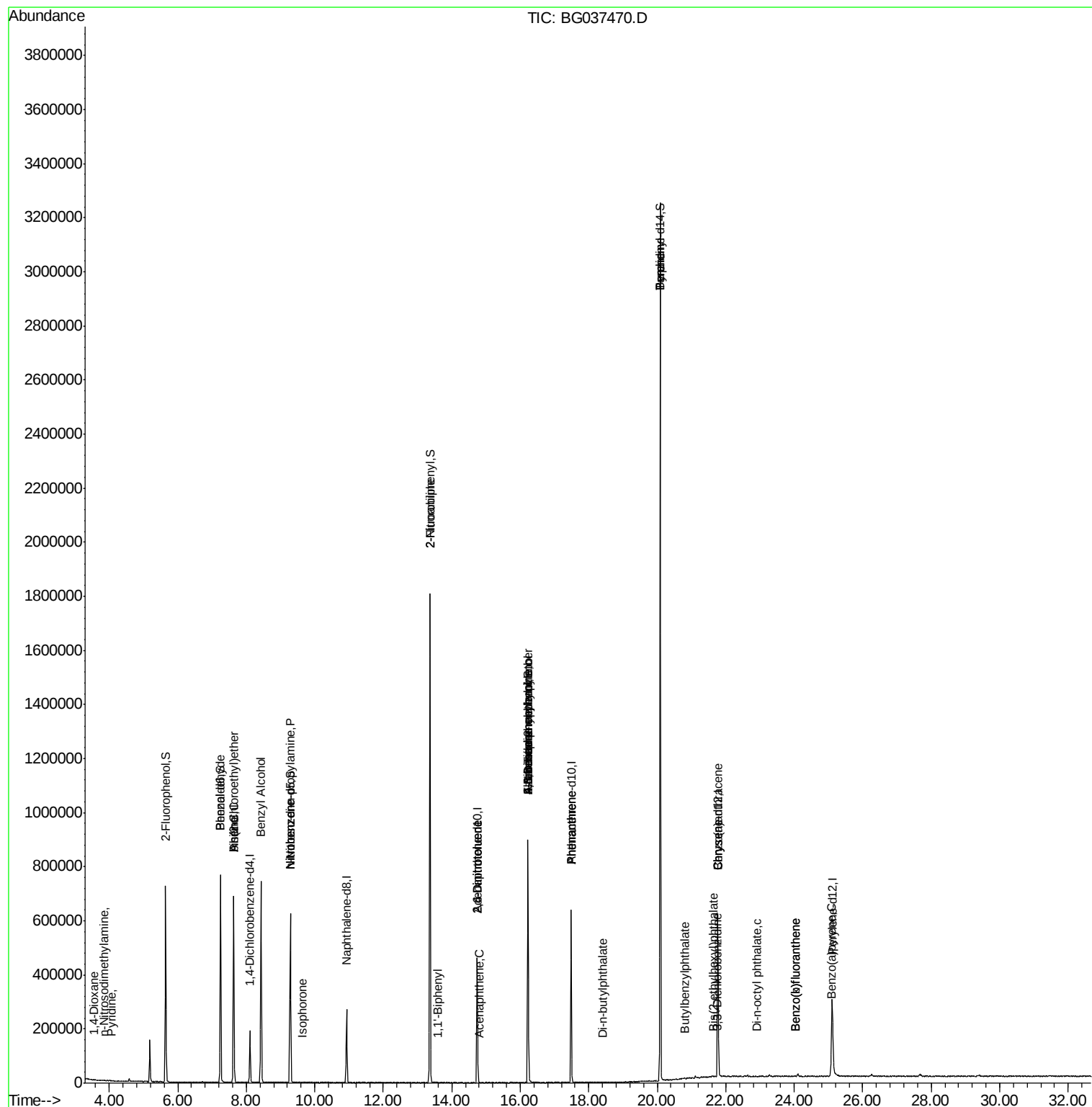
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Benzo(a)pyrene	25.07	252	87	0.005	ng #	60

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

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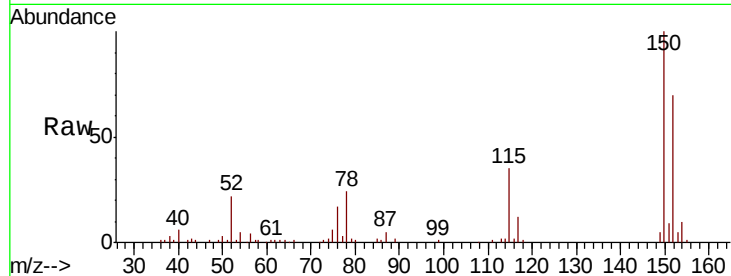


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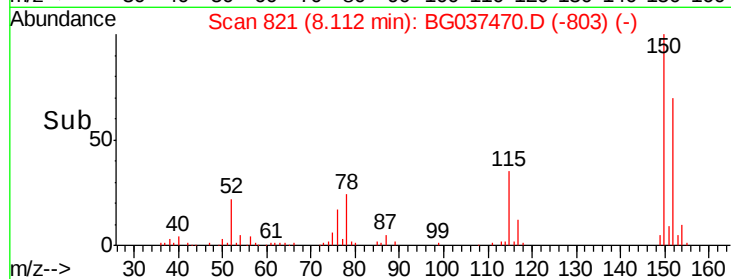
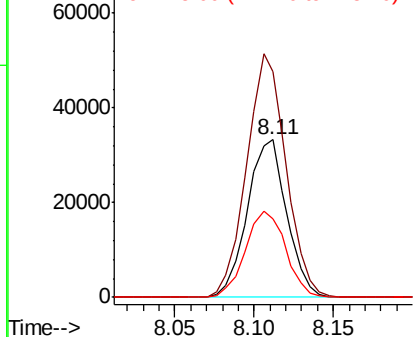
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG037470.D
Acq: 20 Oct 2018 3:40

Instrument :
BNA_G
ClientSampleId :
PB113548BL

Tgt Ion:152 Resp: 57535
Ion Ratio Lower Upper
152 100
150 143.3 126.0 189.0
115 49.9 45.5 68.3



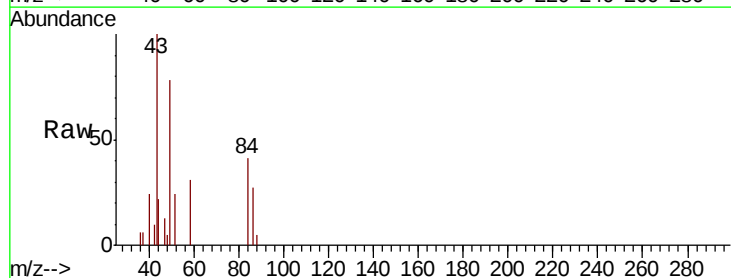
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



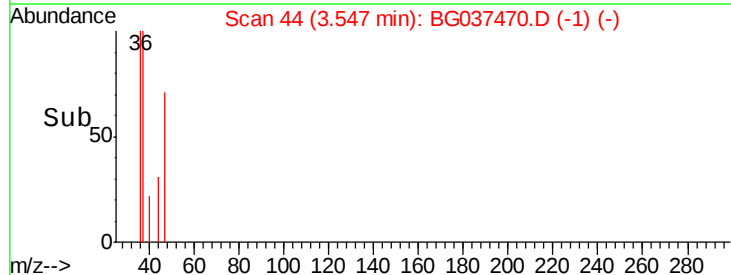
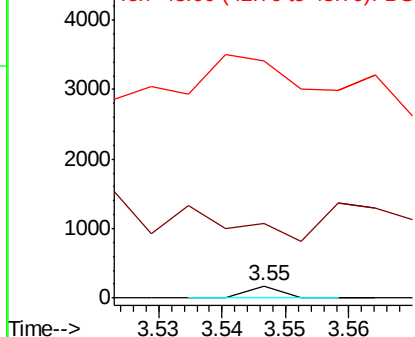
#2

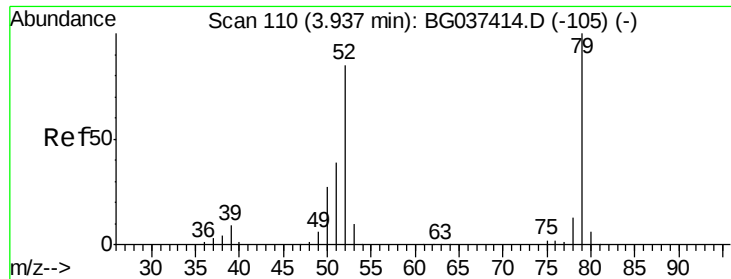
1,4-Dioxane
Concen: 0.035 ng
RT: 3.55 min Scan# 44
Delta R.T. 0.01 min
Lab File: BG037470.D
Acq: 20 Oct 2018 3:40

Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
58 0.0 74.4 111.6#
43 2160.7 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: 0.014 ng

RT: 4.05 min Scan# 129

Delta R.T. 0.11 min

Lab File: BG037470.D

Acq: 20 Oct 2018 3:40

Instrument :

BNA_G

ClientSampleId :

PB113548BL

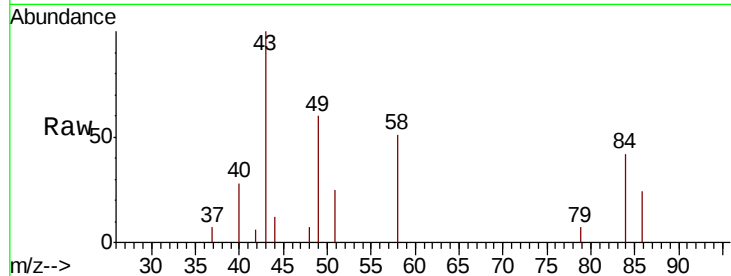
Tgt Ion: 79 Resp: 60

Ion Ratio Lower Upper

79 100

52 0.0 74.2 111.2#

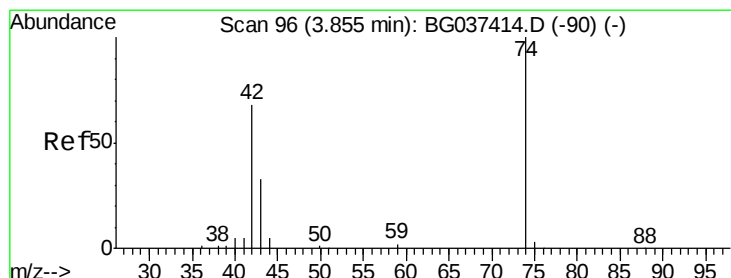
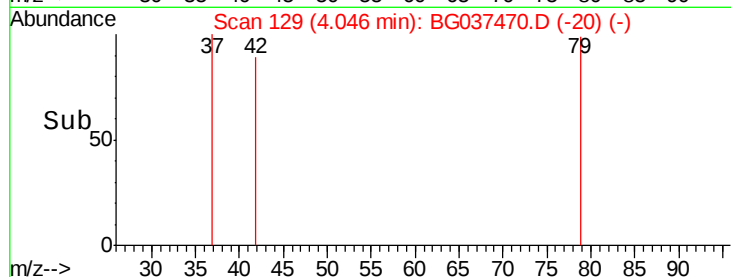
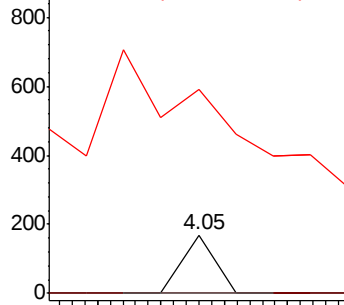
51 349.7 34.6 51.8#



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



#4

n-Nitrosodimethylamine

Concen: 0.063 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.01 min

Lab File: BG037470.D

Acq: 20 Oct 2018 3:40

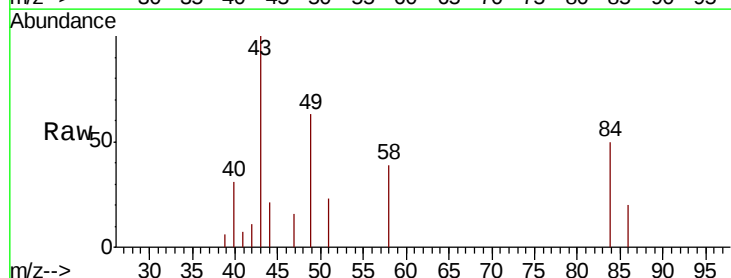
Tgt Ion: 42 Resp: 98

Ion Ratio Lower Upper

42 100

74 0.0 102.0 153.0#

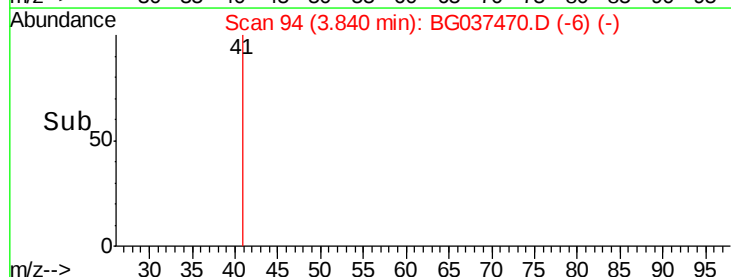
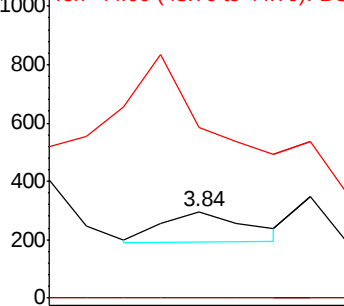
44 196.6 9.6 14.4#

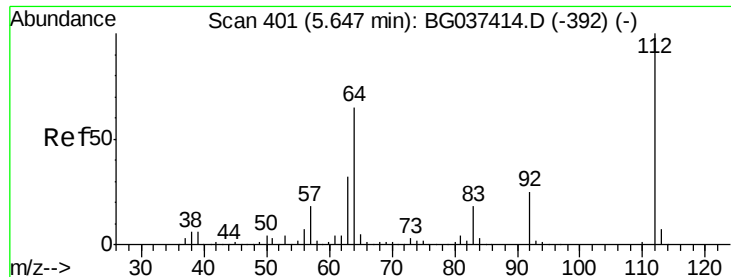


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 96.790 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037470.D

Acq: 20 Oct 2018 3:40

Instrument :

BNA_G

ClientSampleId :

PB113548BL

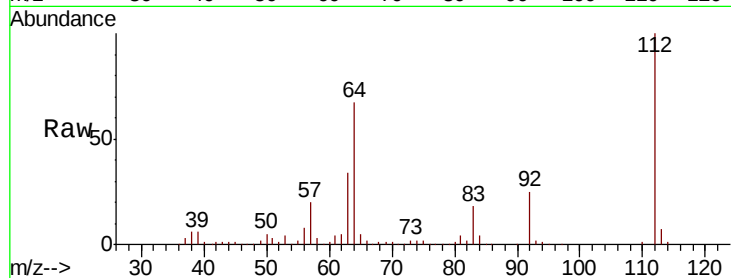
Tgt Ion: 112 Resp: 333091

Ion Ratio Lower Upper

112 100

64 66.7 53.1 79.7

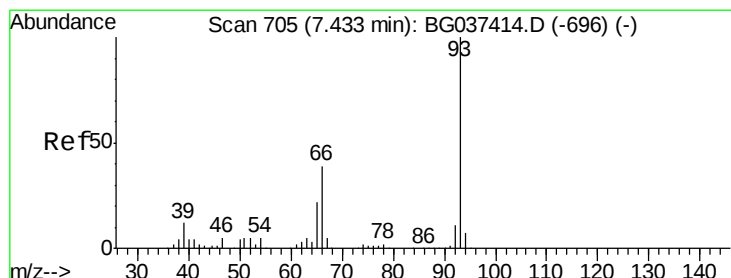
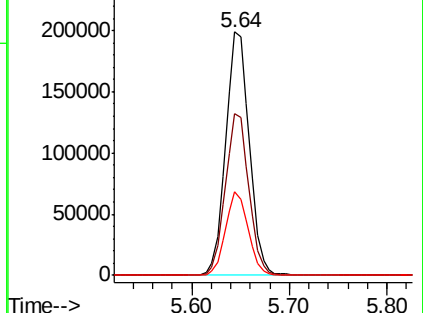
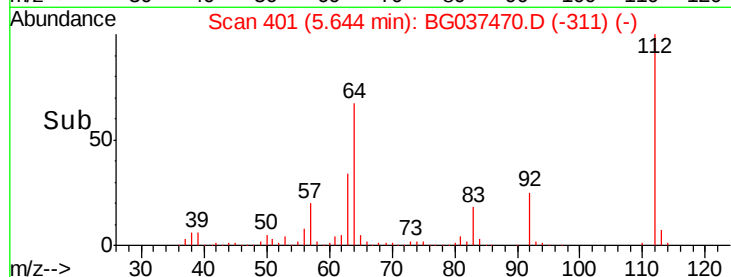
63 34.5 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.078 ng

RT: 7.64 min Scan# 740

Delta R.T. 0.20 min

Lab File: BG037470.D

Acq: 20 Oct 2018 3:40

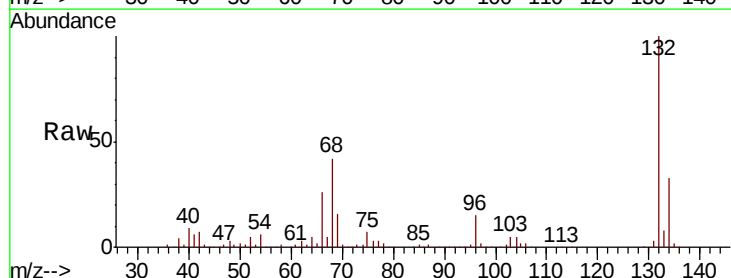
Tgt Ion: 93 Resp: 493

Ion Ratio Lower Upper

93 100

66 15197.5 32.8 49.2#

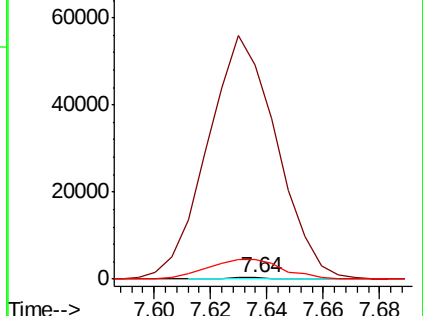
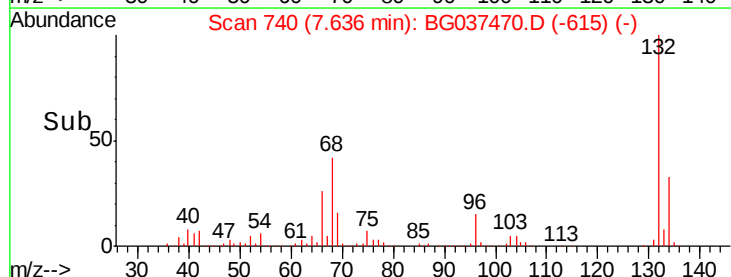
65 1372.5 16.4 24.6#

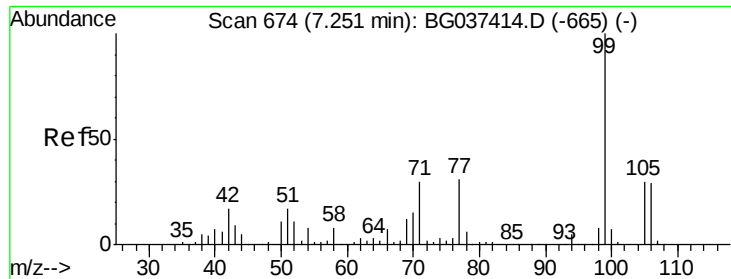


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 92.878 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037470.D

Acq: 20 Oct 2018 3:40

Instrument :

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ClientSampleId :

PB113548BL

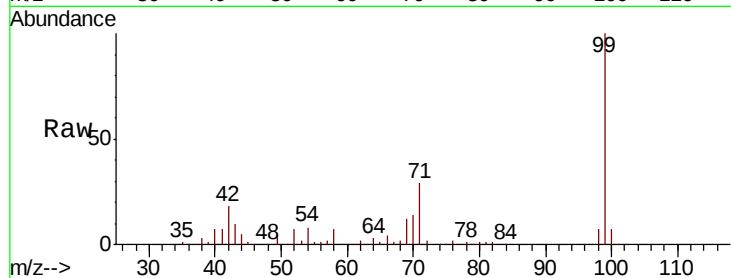
Tgt Ion: 99 Resp: 483318

Ion Ratio Lower Upper

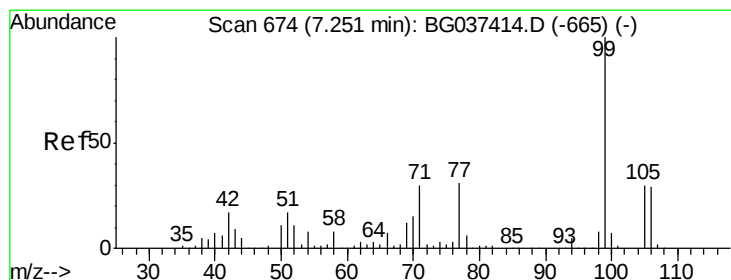
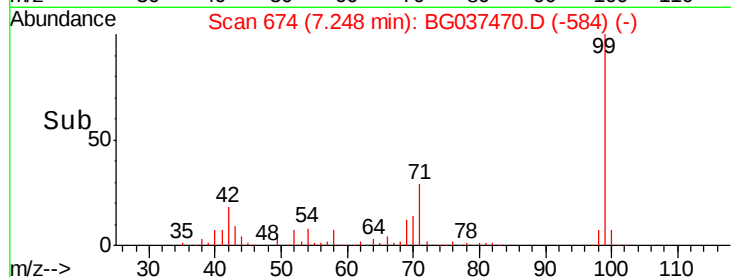
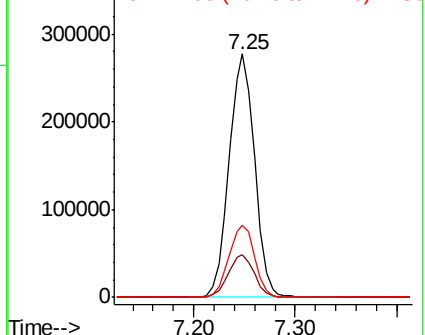
99 100

42 17.6 15.0 22.4

71 29.4 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: 0.193 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037470.D

Acq: 20 Oct 2018 3:40

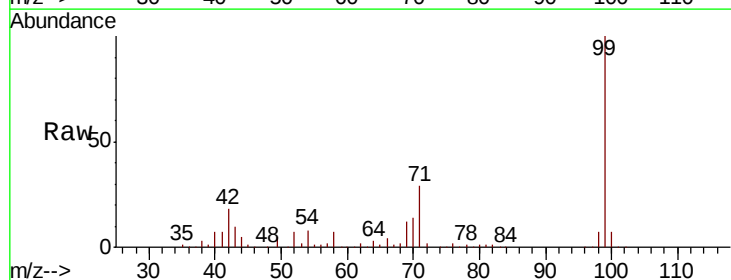
Tgt Ion: 77 Resp: 627

Ion Ratio Lower Upper

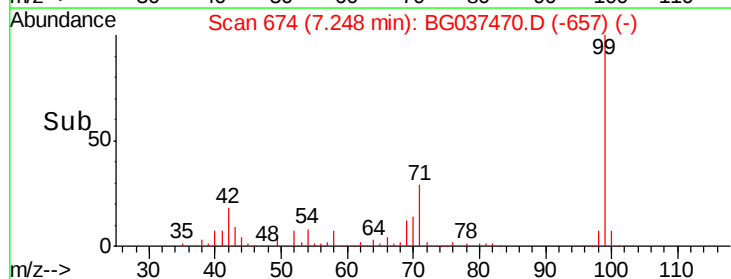
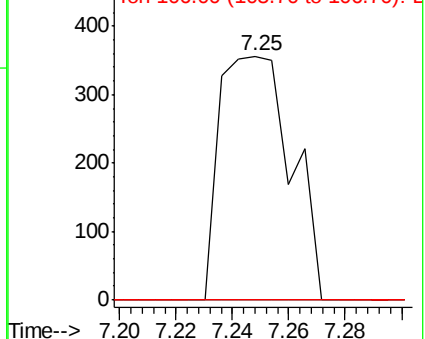
77 100

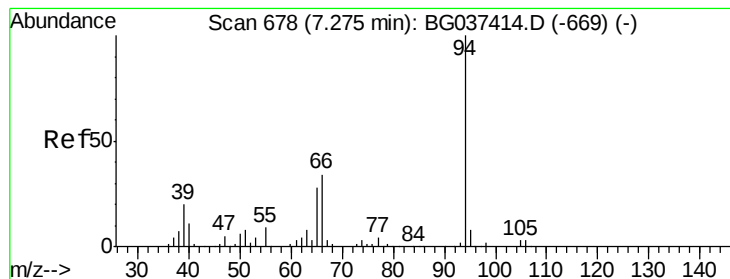
105 0.0 72.6 112.6#

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: 0.165 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.36 min

Lab File: BG037470.D

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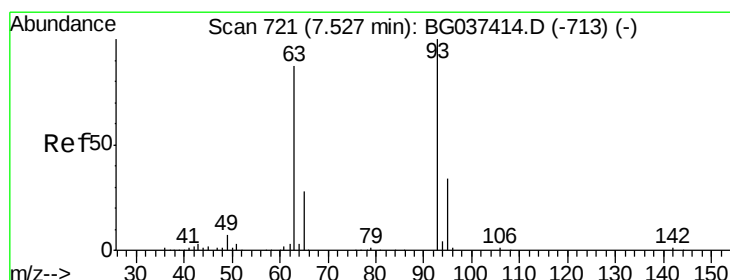
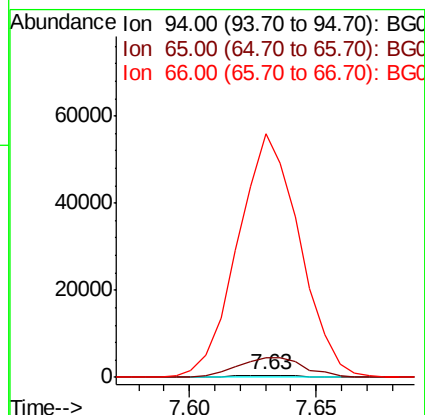
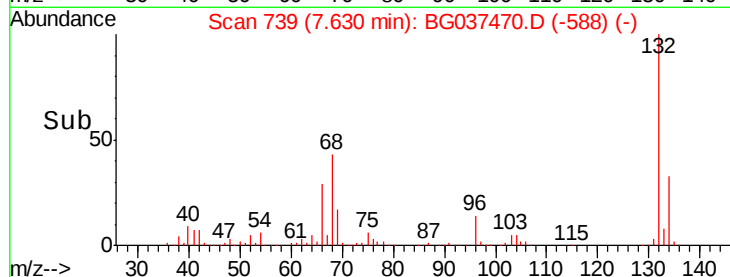
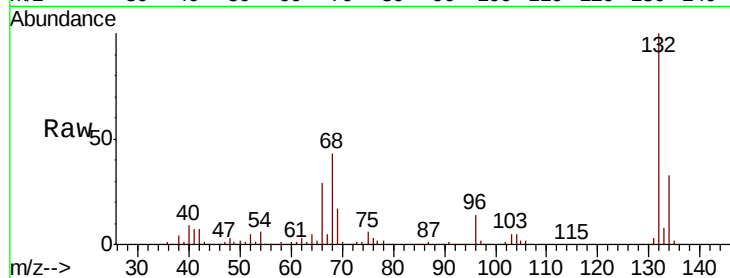
Tgt Ion: 94 Resp: 905

Ion Ratio Lower Upper

94 100

65 884.9 9.7 49.7#

66 10814.7 15.9 55.9#



#11

bis(2-Chloroethyl)ether

Concen: 0.118 ng

RT: 7.64 min Scan# 740

Delta R.T. 0.11 min

Lab File: BG037470.D

Acq: 20 Oct 2018 3:40

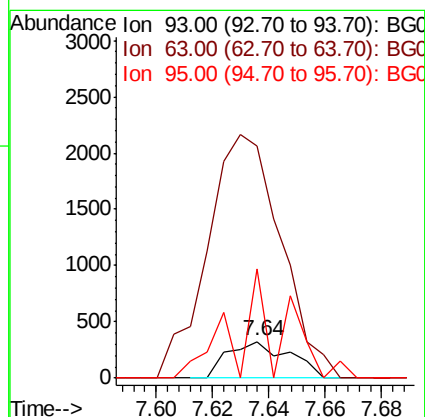
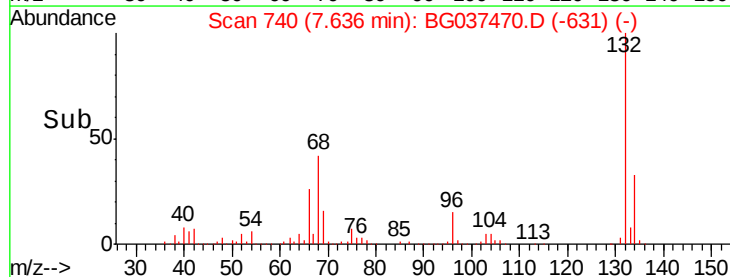
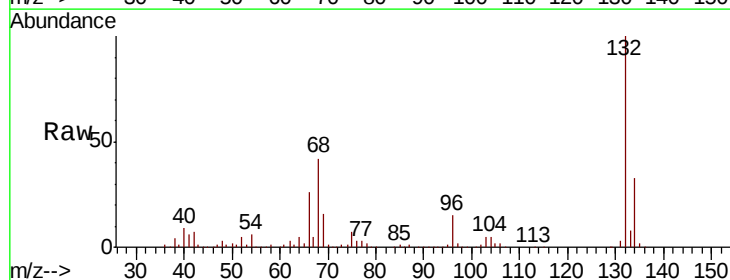
Tgt Ion: 93 Resp: 493

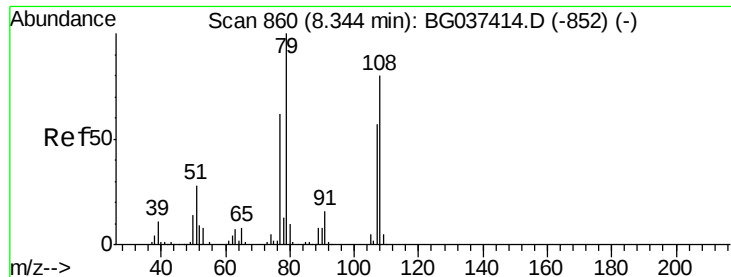
Ion Ratio Lower Upper

93 100

63 638.0 69.5 109.5#

95 300.0 12.6 52.6#





#15

Benzyl Alcohol

Concen: 1.411 ng

RT: 8.43 min Scan# 875

Delta R.T. 0.09 min

Lab File: BG037470.D

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ClientSampleId :

PB113548BL

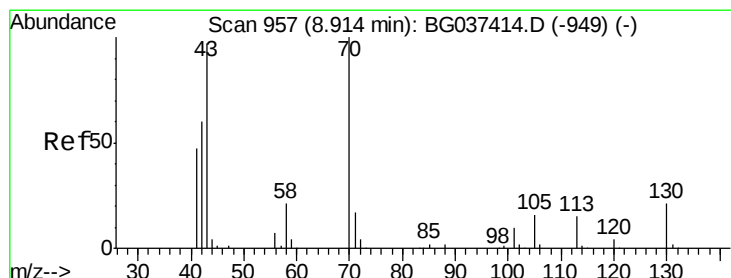
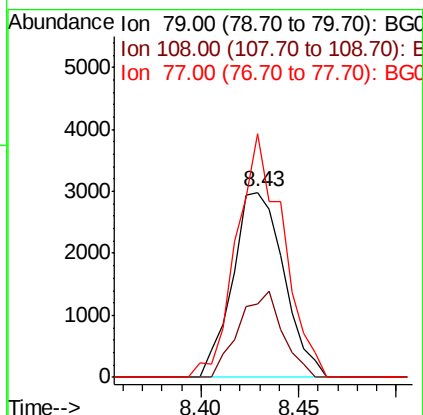
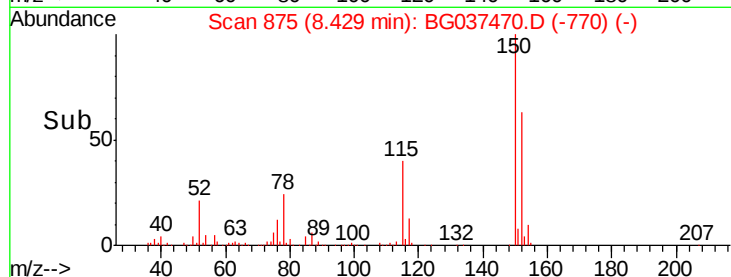
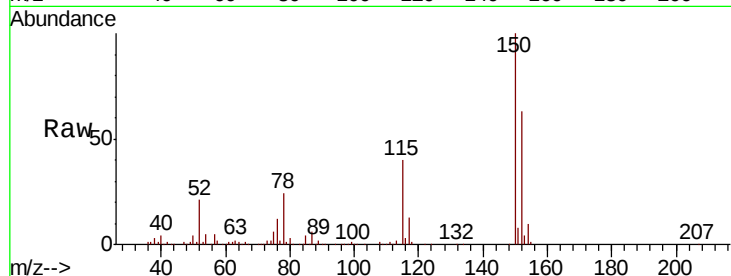
Tgt Ion: 79 Resp: 5424

Ion Ratio Lower Upper

79 100

108 39.9 65.8 98.8#

77 131.5 52.9 79.3#



#19

n-Nitroso-di-n-propylamine

Concen: 13.758 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037470.D

Acq: 20 Oct 2018 3:40

Tgt Ion: 70 Resp: 49302

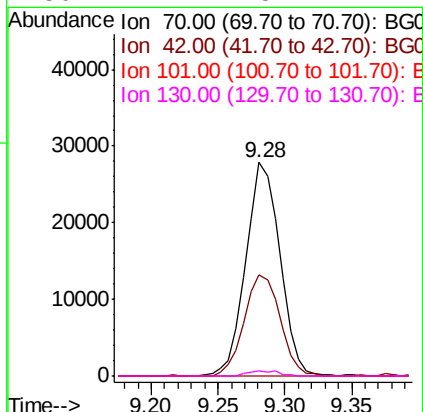
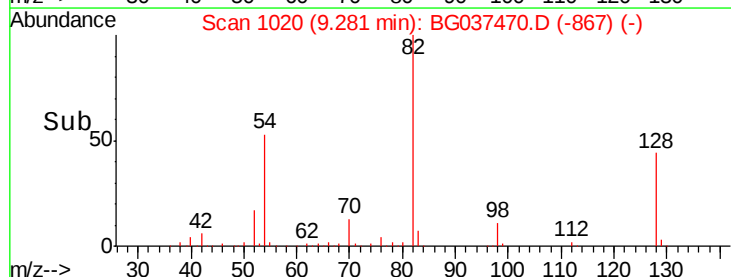
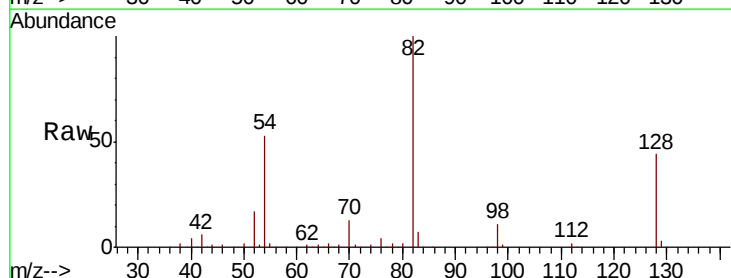
Ion Ratio Lower Upper

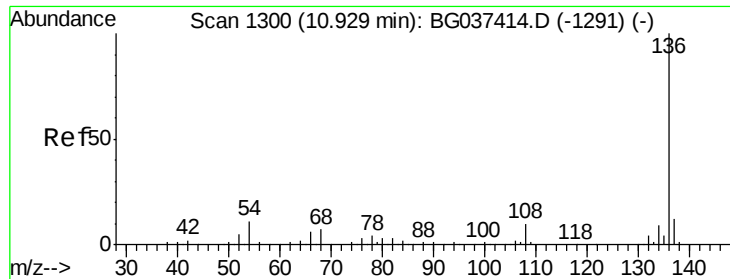
70 100

42 47.2 53.9 80.9#

101 0.0 8.2 12.2#

130 2.2 18.2 27.4#

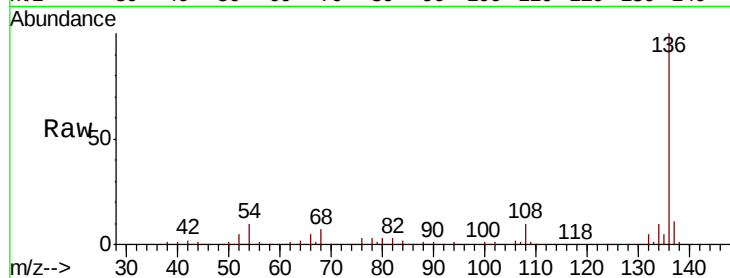




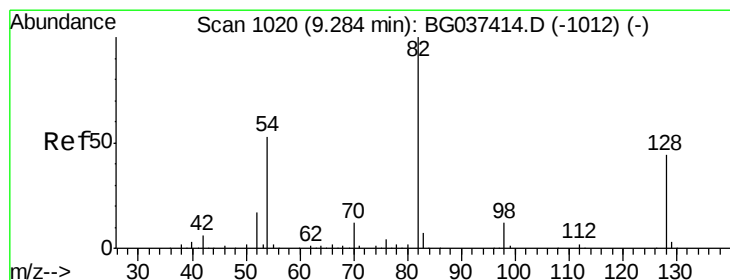
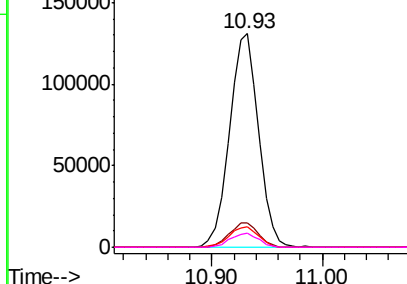
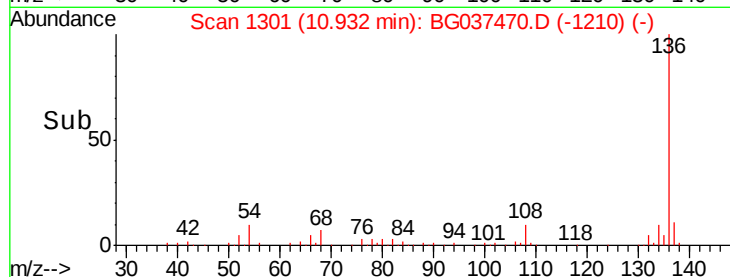
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG037470.D
Acq: 20 Oct 2018 3:40

Instrument :
BNA_G
ClientSampleId :
PB113548BL

Tgt Ion: 136 Resp: 240522
Ion Ratio Lower Upper
136 100
137 11.2 9.6 14.4
54 9.8 7.9 11.9
68 6.9 4.8 7.2

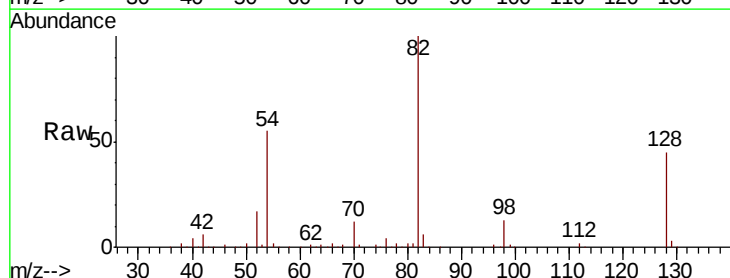


Abundance Ion 136.00 (135.70 to 136.70): E
200000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

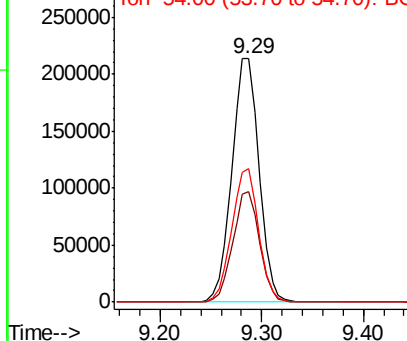
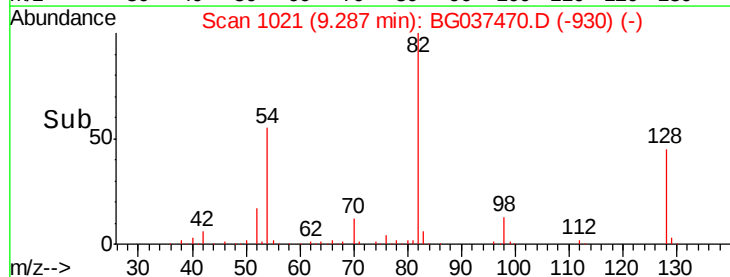


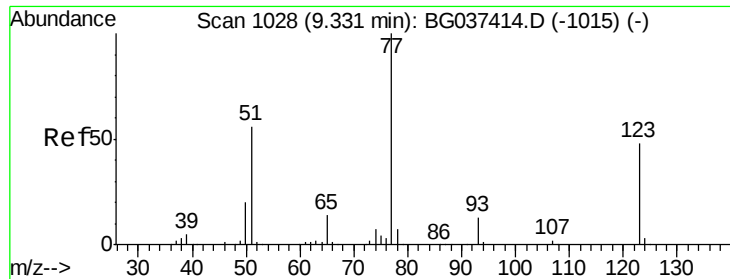
#23
Nitrobenzene-d5
Concen: 92.910 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG037470.D
Acq: 20 Oct 2018 3:40

Tgt Ion: 82 Resp: 398917
Ion Ratio Lower Upper
82 100
128 45.2 34.6 51.8
54 54.8 45.3 67.9



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG

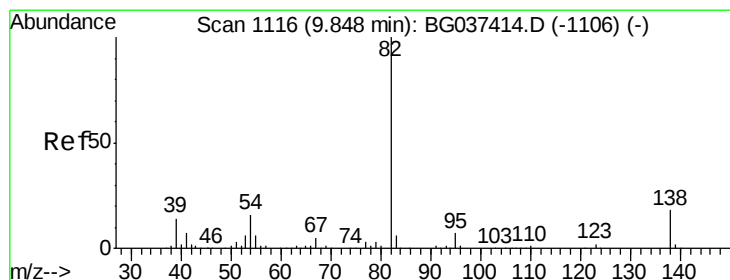
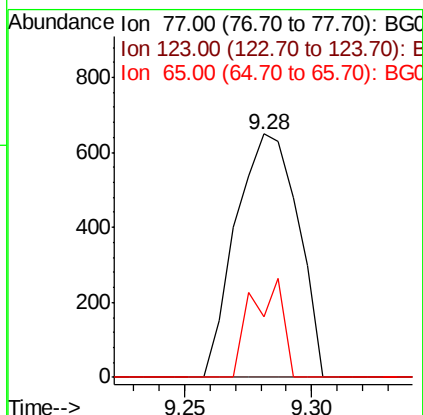
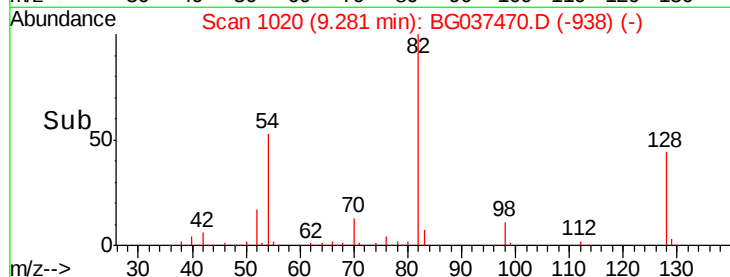
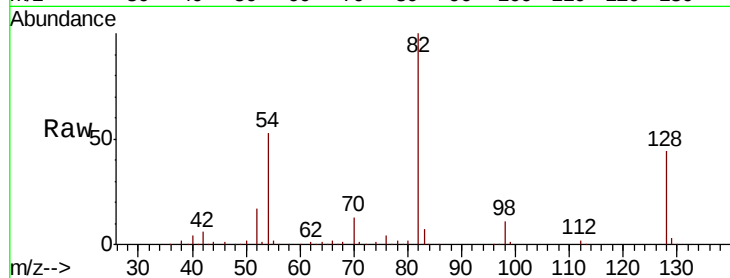




#24
 Nitrobenzene
 Concen: 0.249 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.05 min
 Lab File: BG037470.D
 Acq: 20 Oct 2018 3:40

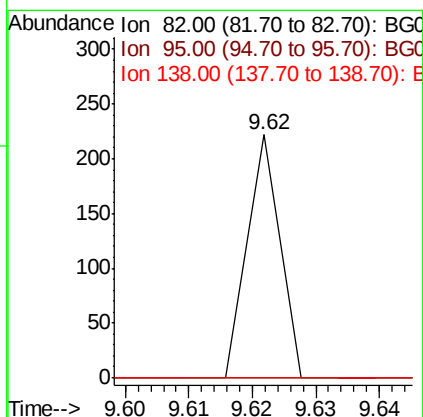
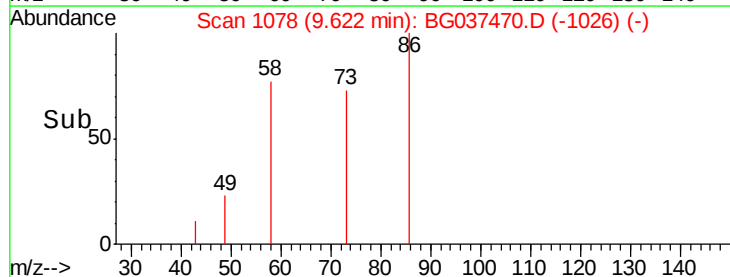
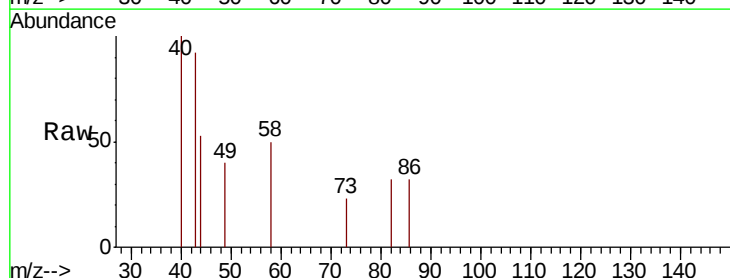
Instrument :
 BNA_G
 ClientSampleId :
 PB113548BL

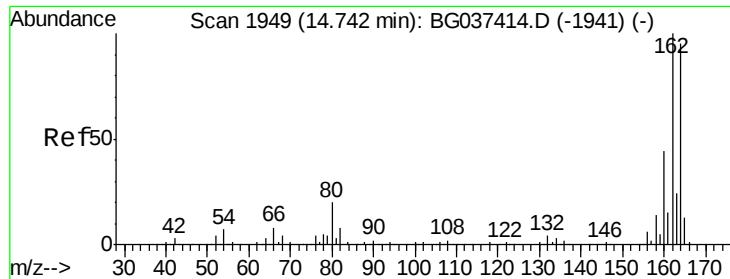
Tgt Ion: 77 Resp: 1110
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.6 50.4#
 65 25.0 11.3 16.9#



#25
 Isophorone
 Concen: 0.010 ng
 RT: 9.62 min Scan# 1078
 Delta R.T. -0.23 min
 Lab File: BG037470.D
 Acq: 20 Oct 2018 3:40

Tgt Ion: 82 Resp: 78
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.3 19.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037470.D

Acq: 20 Oct 2018 3:40

Instrument :

BNA_G

ClientSampleId :

PB113548BL

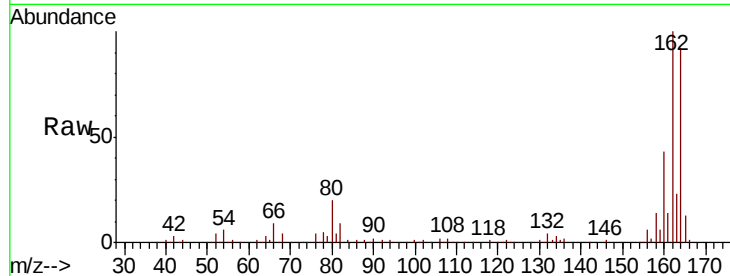
Tgt Ion:164 Resp: 163301

Ion Ratio Lower Upper

164 100

162 108.6 81.3 121.9

160 47.2 36.3 54.5

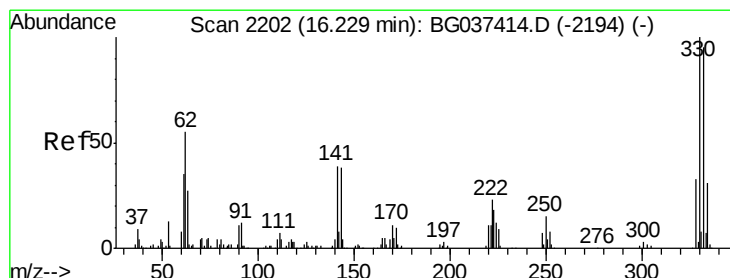
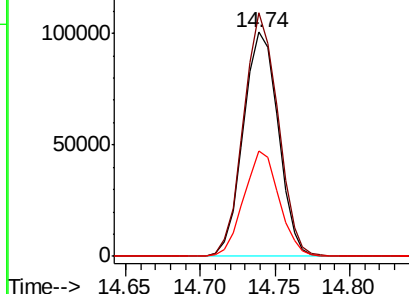
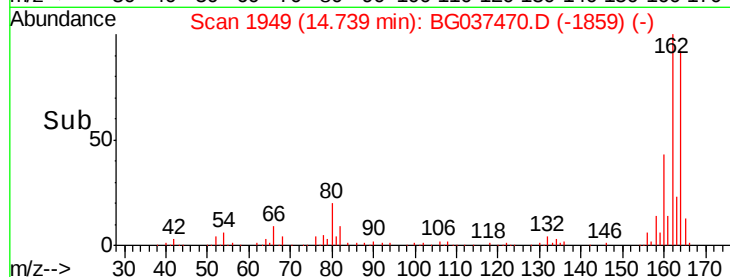


Abundance

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: 90.100 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037470.D

Acq: 20 Oct 2018 3:40

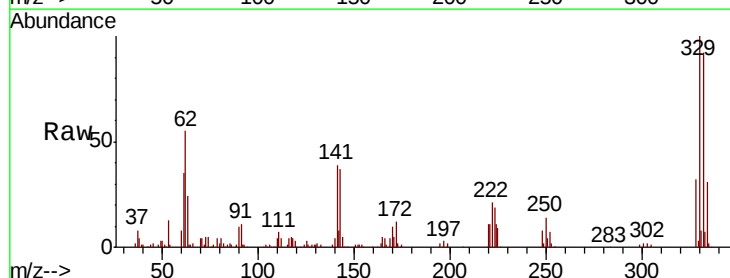
Tgt Ion:330 Resp: 160477

Ion Ratio Lower Upper

330 100

332 97.4 78.4 117.6

141 41.1 32.2 48.2

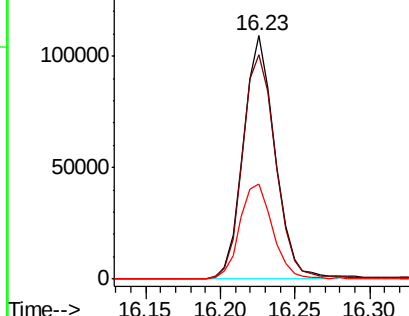
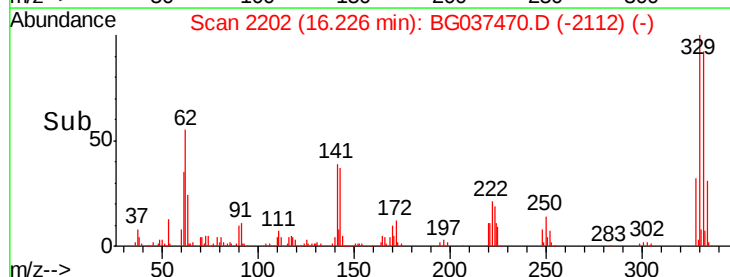


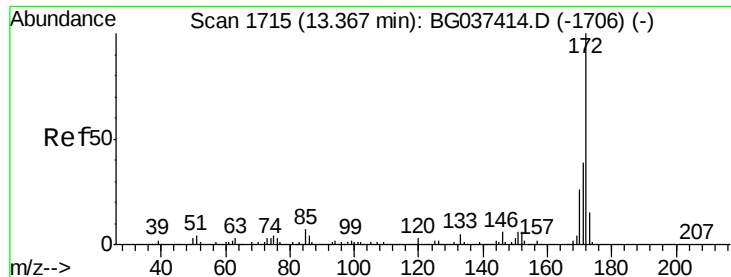
Abundance

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

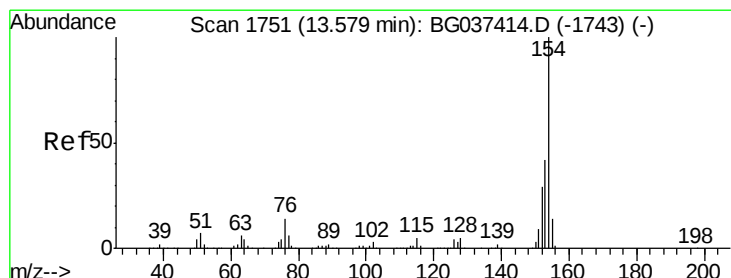
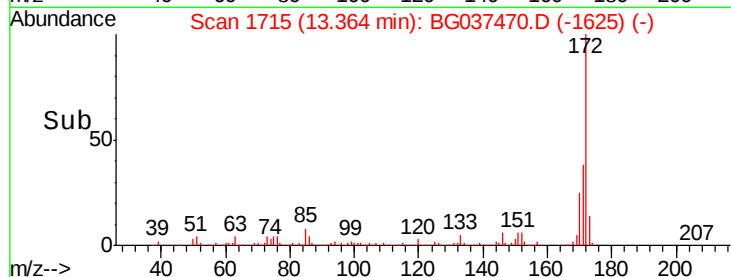
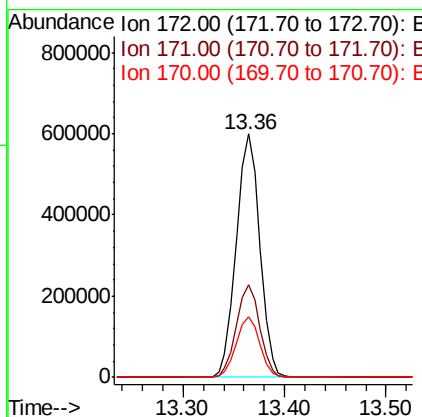
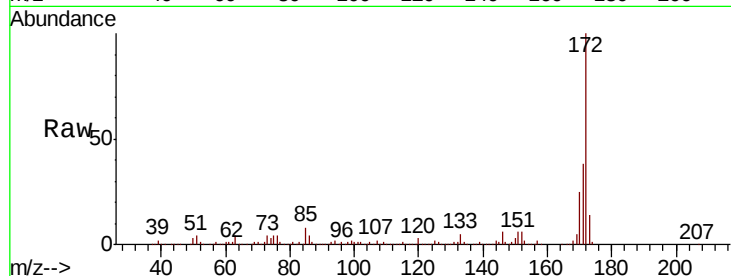




#45
2-Fluorobiphenyl
Concen: 89.608 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037470.D
Acq: 20 Oct 2018 3:40

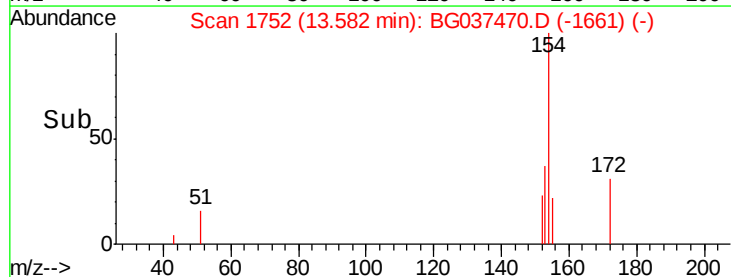
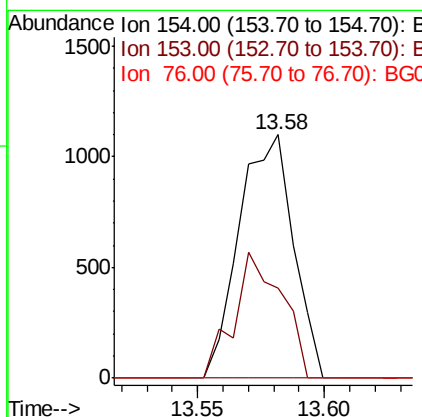
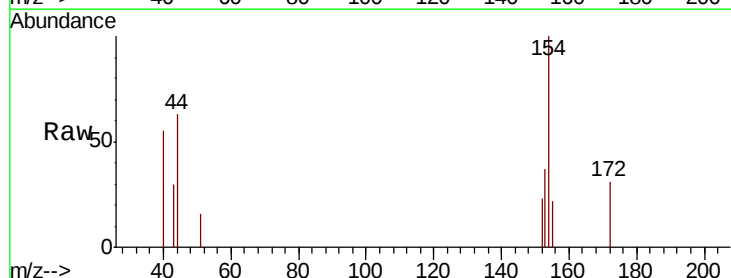
Instrument :
BNA_G
ClientSampleId :
PB113548BL

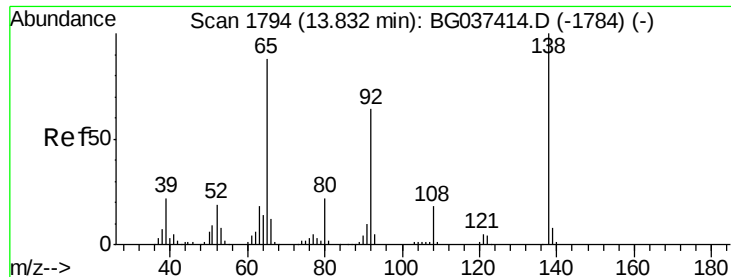
Tgt Ion:	172	Resp:	970396
Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	24.9	20.2	30.2



#46
1,1'-Biphenyl
Concen: 0.121 ng
RT: 13.58 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BG037470.D
Acq: 20 Oct 2018 3:40

Tgt Ion:	154	Resp:	1634
Ion	Ratio	Lower	Upper
154	100		
153	36.7	22.1	62.1
76	0.0	0.0	33.2

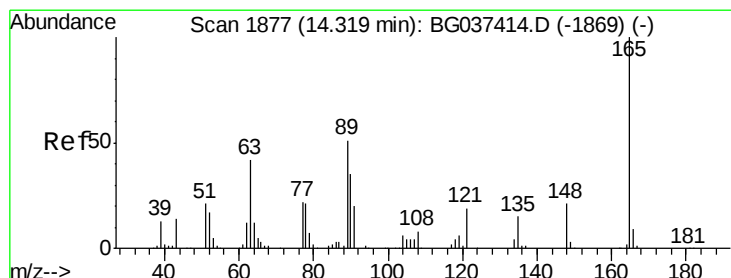
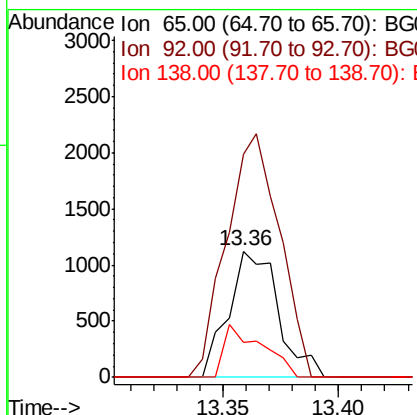
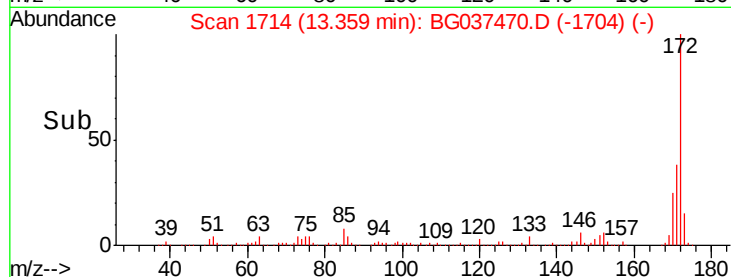
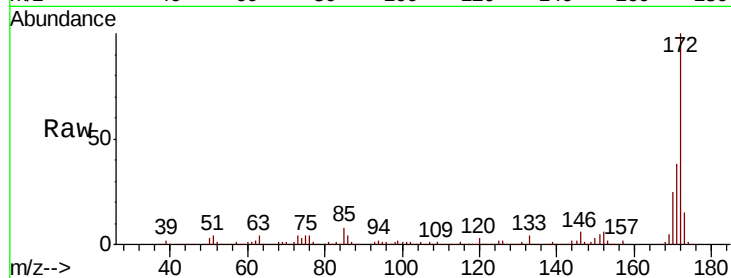




#48
 2-Nitroaniline
 Concen: 0.542 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.47 min
 Lab File: BG037470.D
 Acq: 20 Oct 2018 3:40

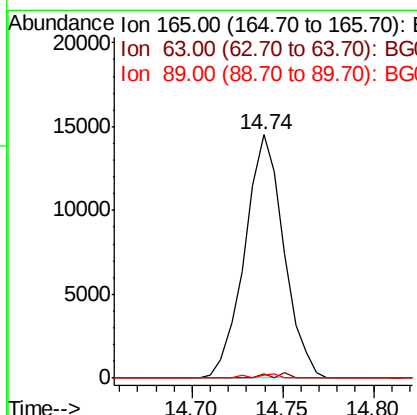
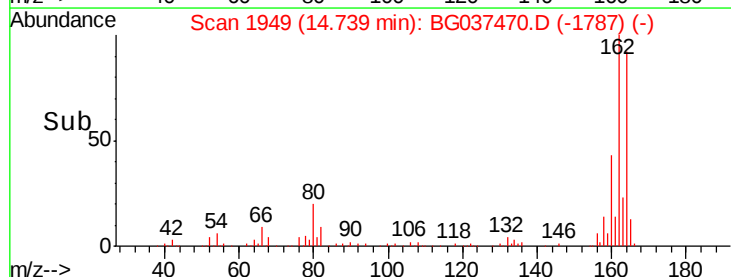
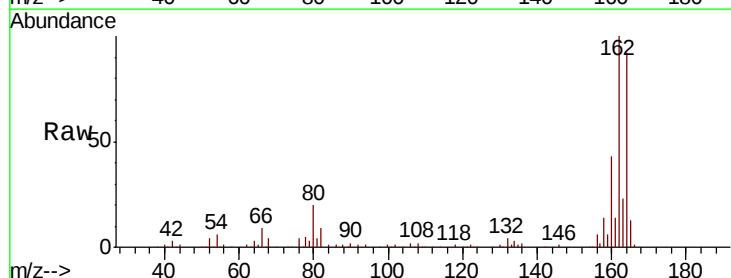
Instrument :
 BNA_G
 ClientSampleId :
 PB113548BL

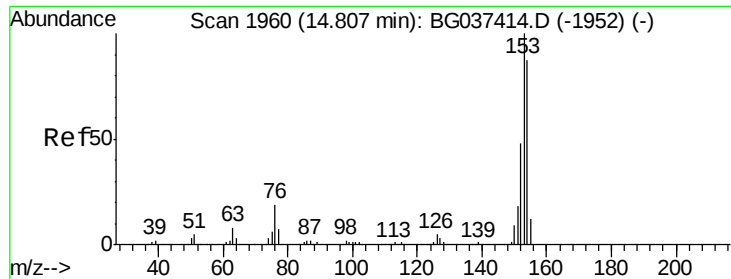
Tgt Ion	Resp	Lower	Upper
65	100		
92	177.4	53.2	79.8#
138	28.3	79.3	118.9#



#51
 2,6-Dinitrotoluene
 Concen: 7.788 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. 0.42 min
 Lab File: BG037470.D
 Acq: 20 Oct 2018 3:40

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.7	43.4	65.2#
89	1.4	45.8	68.6#





#52

Acenaphthene

Concen: 0.006 ng

RT: 14.81 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BG037470.D

Acq: 20 Oct 2018 3:40

Instrument :

BNA_G

ClientSampleId :

PB113548BL

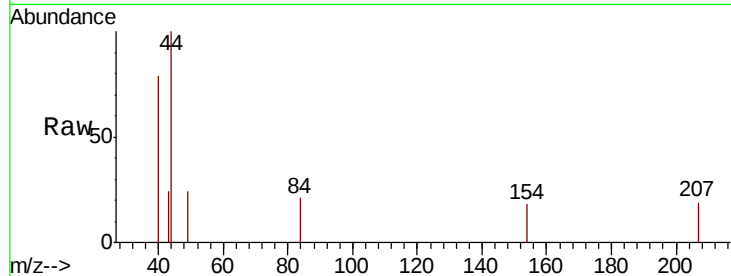
Tgt Ion:154 Resp: 53

Ion Ratio Lower Upper

154 100

153 0.0 93.4 140.0#

152 0.0 44.7 67.1#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

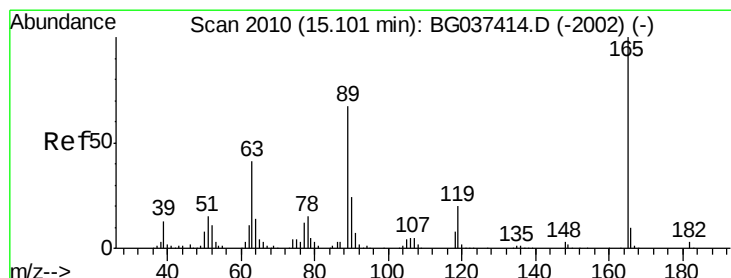
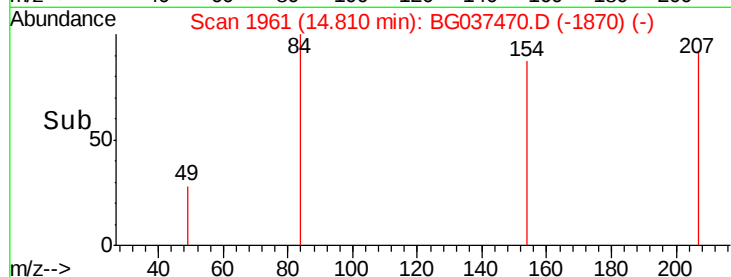
14.81

100

50

0

Time-->



#57

2,4-Dinitrotoluene

Concen: 5.933 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.36 min

Lab File: BG037470.D

Acq: 20 Oct 2018 3:40

Tgt Ion:165 Resp: 21765

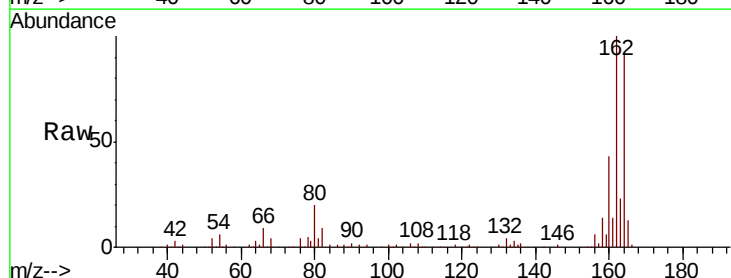
Ion Ratio Lower Upper

165 100

63 1.7 33.4 50.0#

89 1.4 57.2 85.8#

182 0.0 2.6 4.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

14.74

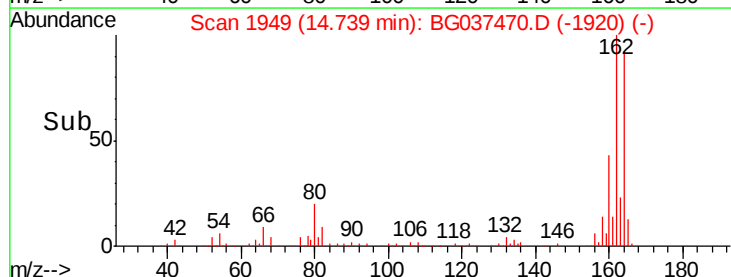
15000

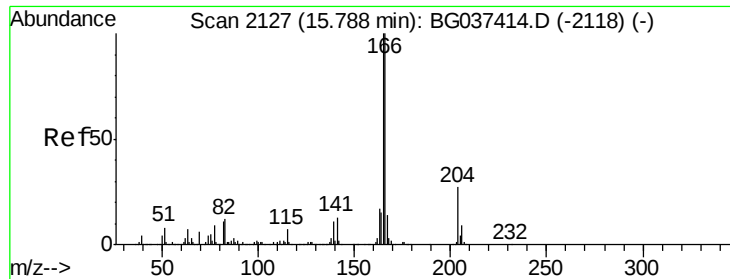
10000

5000

0

Time-->





#58

Fluorene

Concen: 0.681 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.43 min

Lab File: BG037470.D

Acq: 20 Oct 2018 3:40

Instrument :

BNA_G

ClientSampleId :

PB113548BL

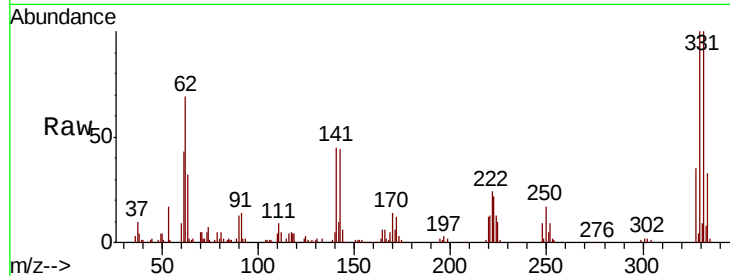
Tgt Ion: 166 Resp: 8011

Ion Ratio Lower Upper

166 100

165 96.2 79.0 118.6

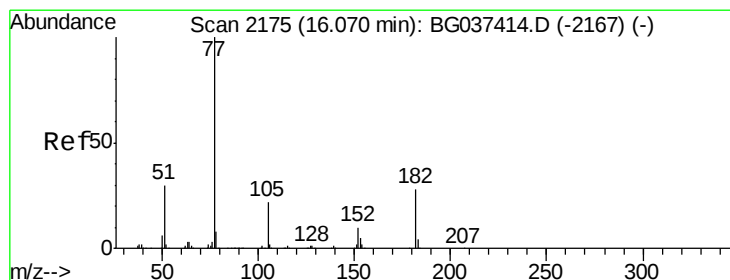
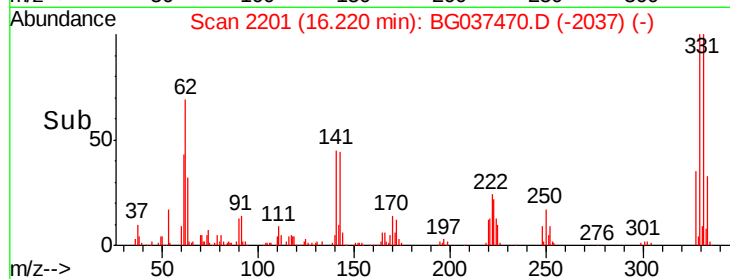
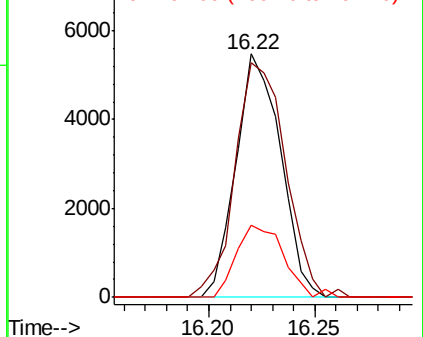
167 29.8 11.3 16.9#



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



#63

Azobenzene

Concen: 0.068 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.15 min

Lab File: BG037470.D

Acq: 20 Oct 2018 3:40

Tgt Ion: 77 Resp: 847

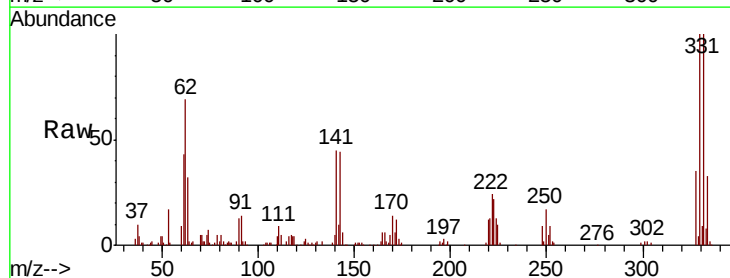
Ion Ratio Lower Upper

77 100

182 0.0 8.0 48.0#

105 142.0 1.3 41.3#

51 96.7 10.7 50.7#

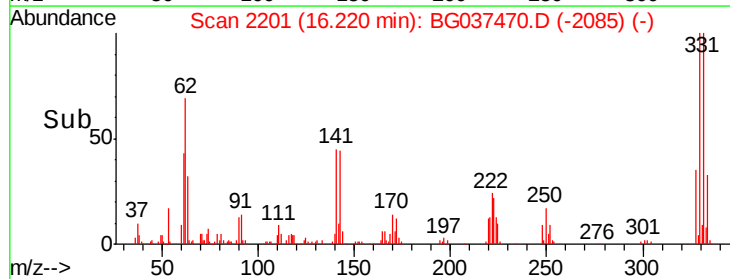
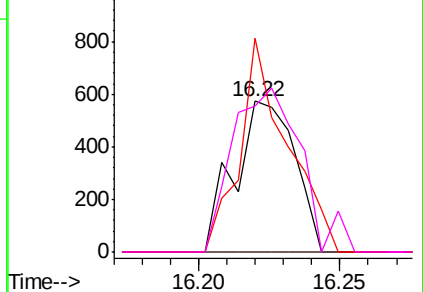


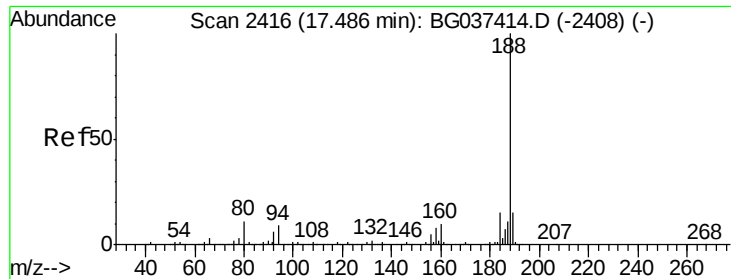
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BG037470.D

Acq: 20 Oct 2018 3:40

Instrument :

BNA_G

ClientSampleId :

PB113548BL

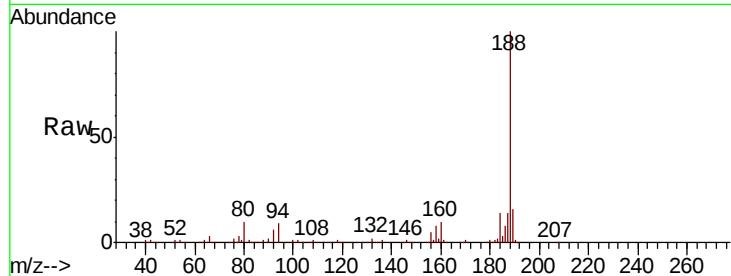
Tgt Ion:188 Resp: 418324

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

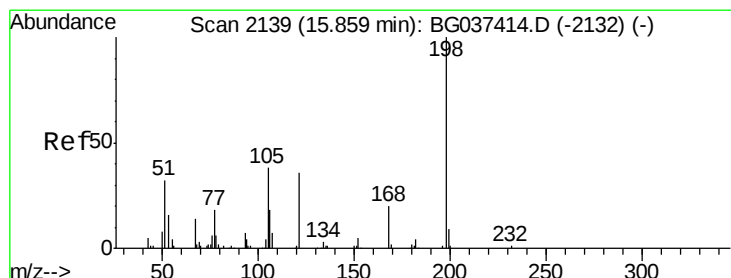
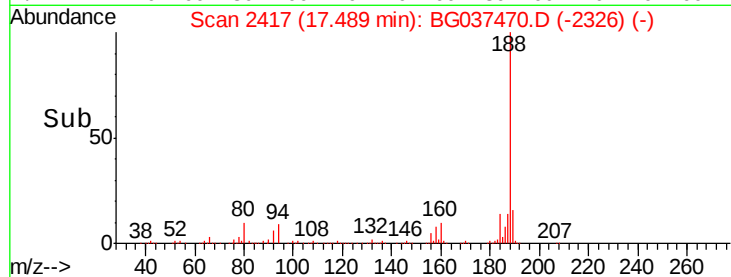
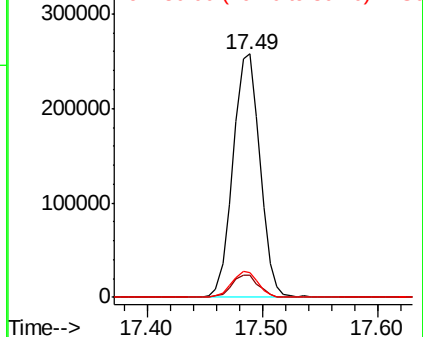
80 10.0 7.7 11.5



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: 8.656 ng

RT: 16.23 min Scan# 2202

Delta R.T. 0.37 min

Lab File: BG037470.D

Acq: 20 Oct 2018 3:40

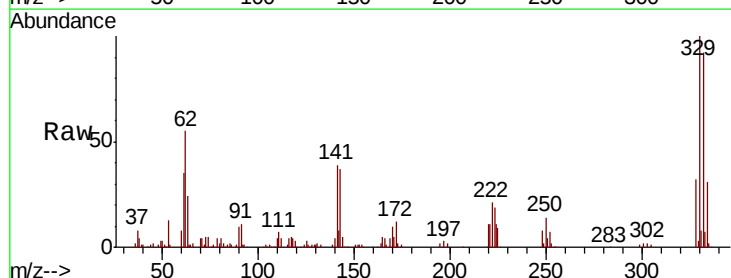
Tgt Ion:198 Resp: 396

Ion Ratio Lower Upper

198 100

51 30.6 22.7 62.7

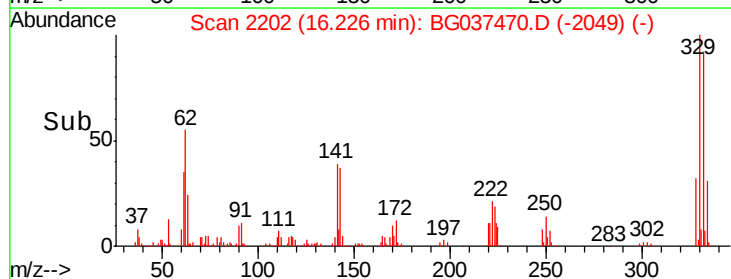
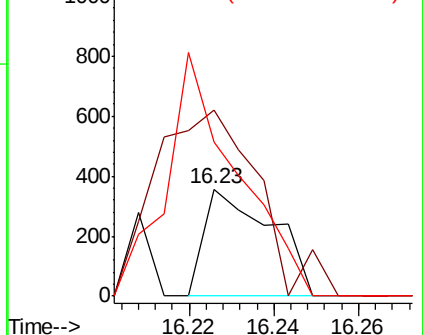
105 25.2 19.7 59.7

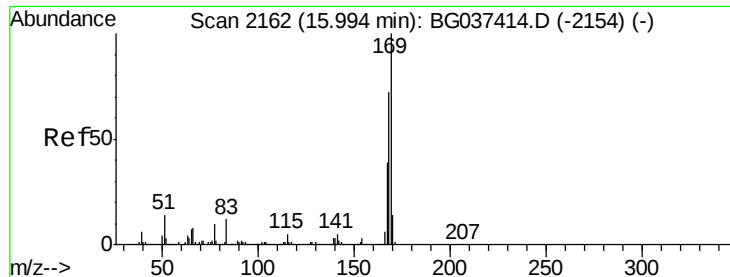


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

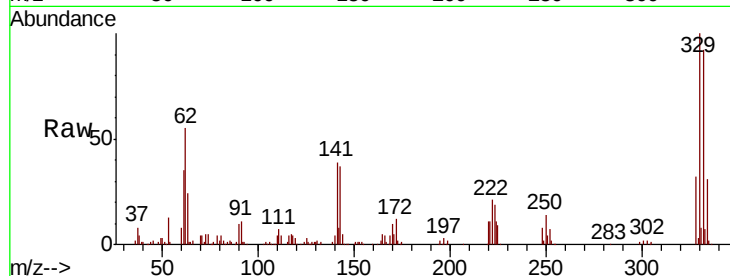




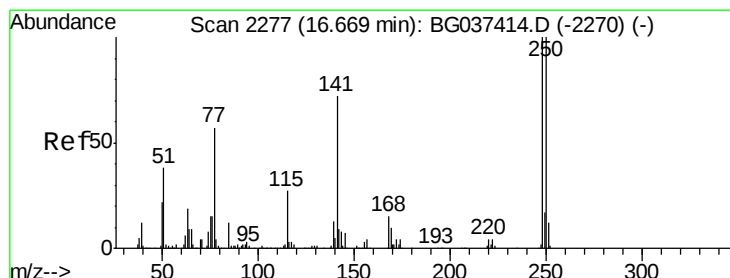
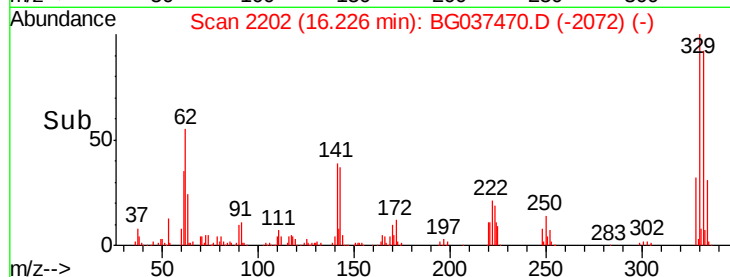
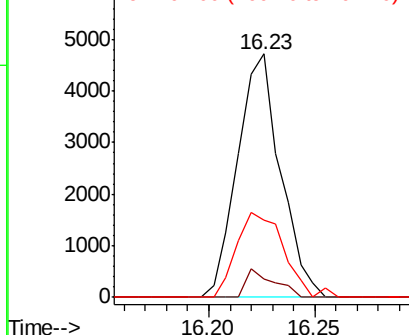
#66
 n-Nitrosodiphenylamine
 Concen: 0.528 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. 0.23 min
 Lab File: BG037470.D
 Acq: 20 Oct 2018 3:40

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BL

Tgt Ion:169 Resp: 6640
 Ion Ratio Lower Upper
 169 100
 168 7.5 55.7 83.5#
 167 39.0 31.3 46.9

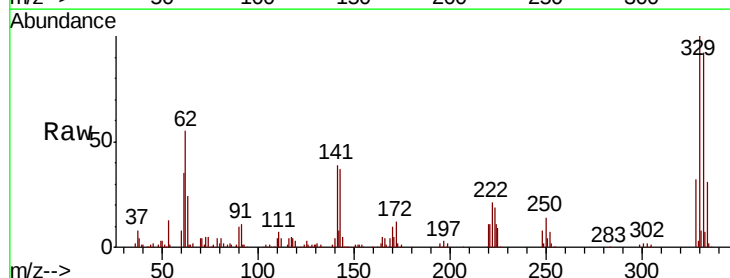


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

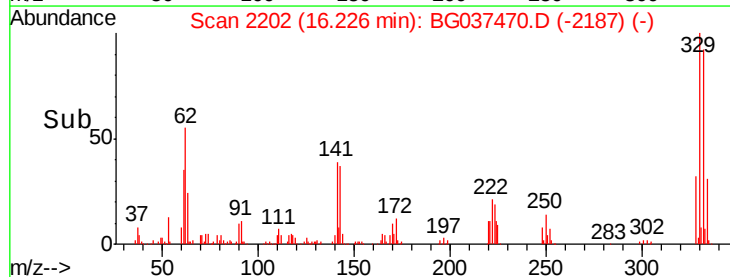
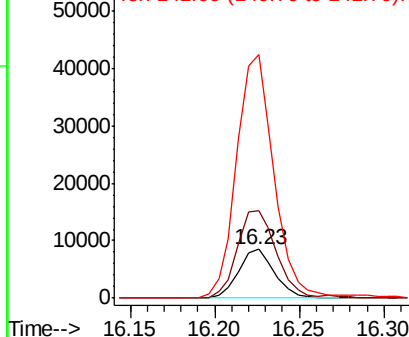


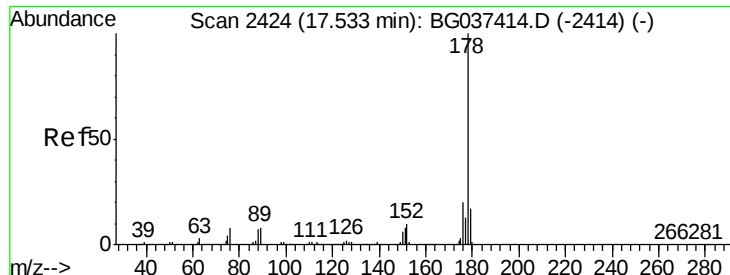
#67
 4-Bromophenyl-phenylether
 Concen: 2.753 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.44 min
 Lab File: BG037470.D
 Acq: 20 Oct 2018 3:40

Tgt Ion:248 Resp: 12648
 Ion Ratio Lower Upper
 248 100
 250 179.9 77.0 115.6#
 141 388.3 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

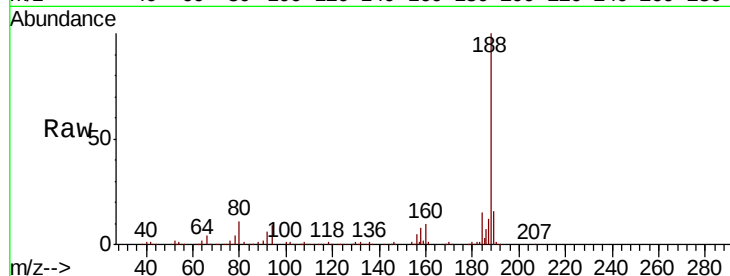




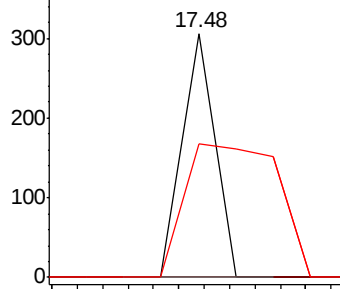
#71
Phenanthrene
Concen: 0.005 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.05 min
Lab File: BG037470.D
Acq: 20 Oct 2018 3:40

Instrument :
BNA_G
ClientSampleId :
PB113548BL

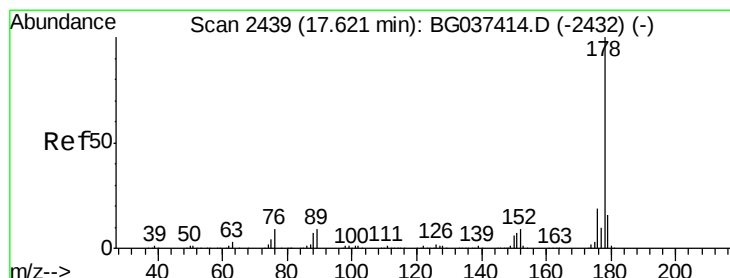
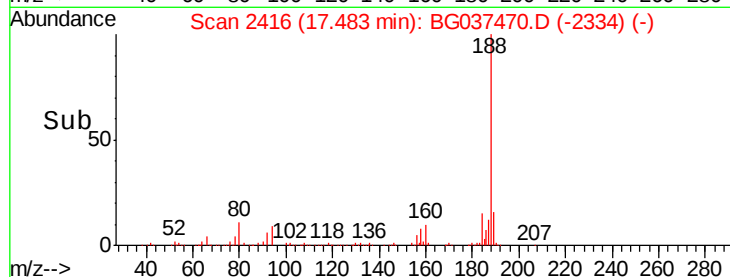
Tgt Ion:178 Resp: 108
Ion Ratio Lower Upper
178 100
176 0.0 16.1 24.1#
179 54.6 13.0 19.4#



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

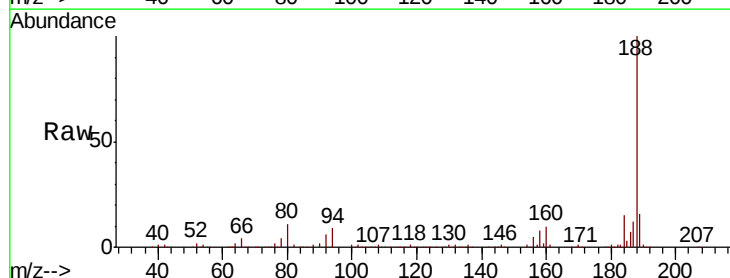


Time--> 17.46 17.48 17.50

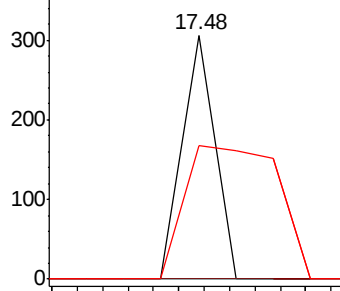


#72
Anthracene
Concen: 0.005 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.14 min
Lab File: BG037470.D
Acq: 20 Oct 2018 3:40

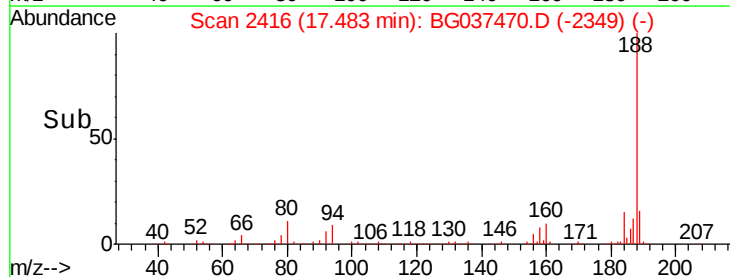
Tgt Ion:178 Resp: 108
Ion Ratio Lower Upper
178 100
176 0.0 15.0 22.4#
179 54.6 12.8 19.2#

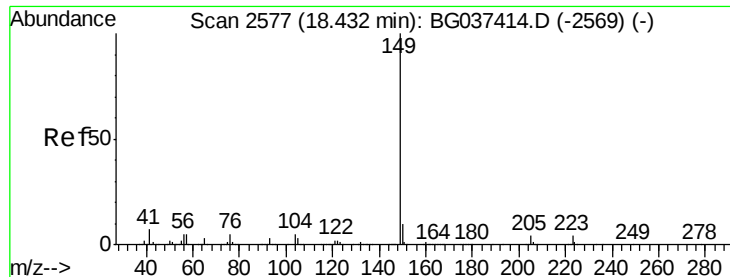


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time--> 17.46 17.48 17.50





#74

Di-n-butylphthalate

Concen: 0.004 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG037470.D

Acq: 20 Oct 2018 3:40

Instrument :

BNA_G

ClientSampleId :

PB113548BL

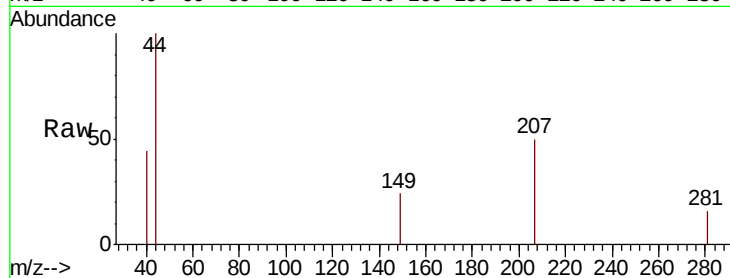
Tgt Ion:149 Resp: 96

Ion Ratio Lower Upper

149 100

150 0.0 8.2 12.2#

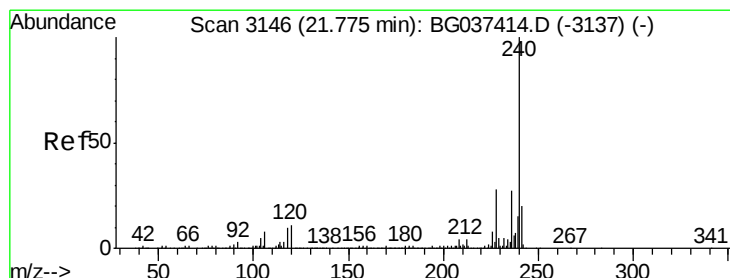
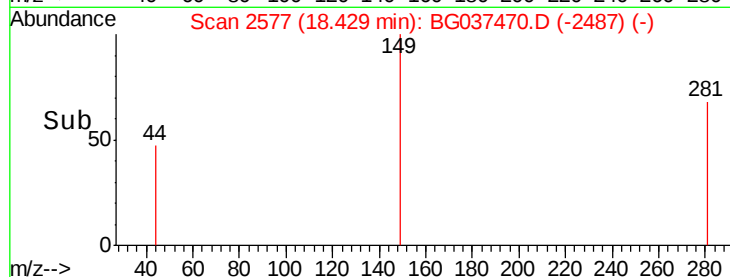
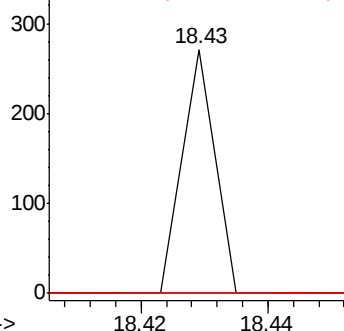
104 0.0 4.0 6.0#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG037470.D

Acq: 20 Oct 2018 3:40

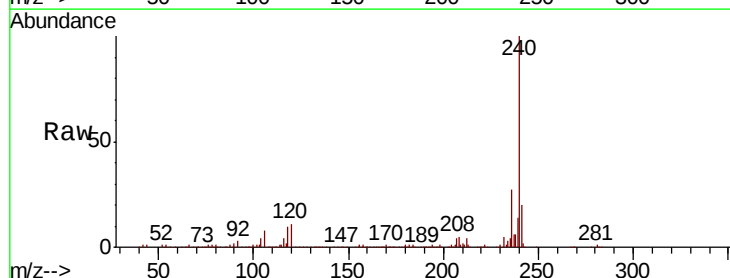
Tgt Ion:240 Resp: 382160

Ion Ratio Lower Upper

240 100

120 11.3 8.1 12.1

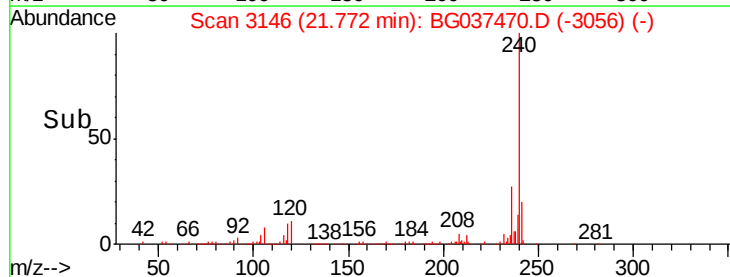
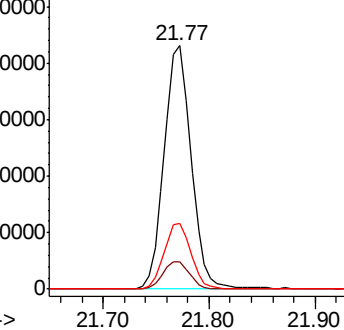
236 26.8 21.4 32.0

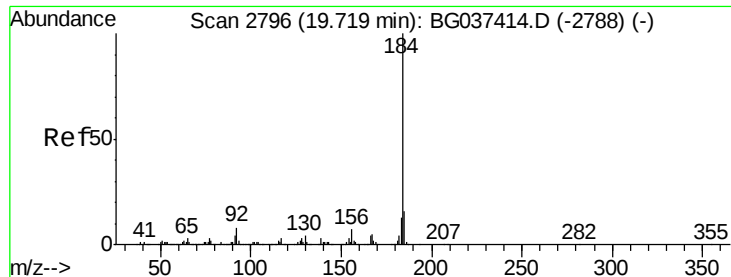


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.052 ng

RT: 20.09 min Scan# 2859

Delta R.T. 0.37 min

Lab File: BG037470.D

Acq: 20 Oct 2018 3:40

Instrument :

BNA_G

ClientSampleId :

PB113548BL

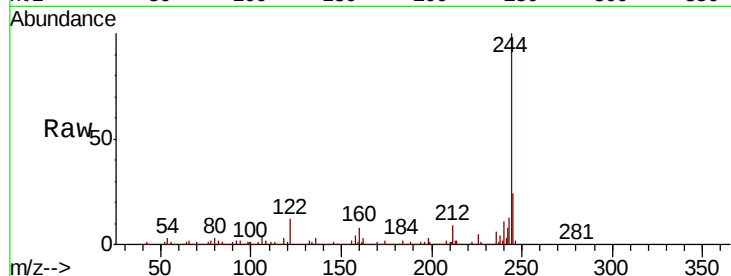
Tgt Ion:184 Resp: 26668

Ion Ratio Lower Upper

184 100

185 16.5 12.6 18.8

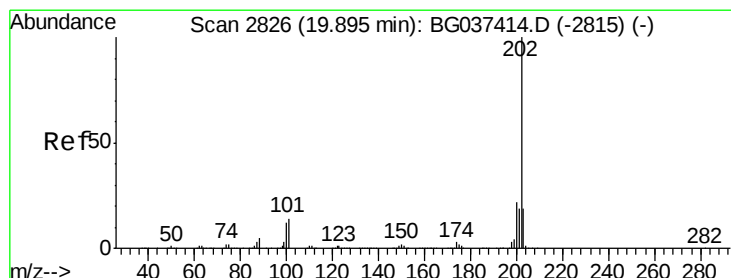
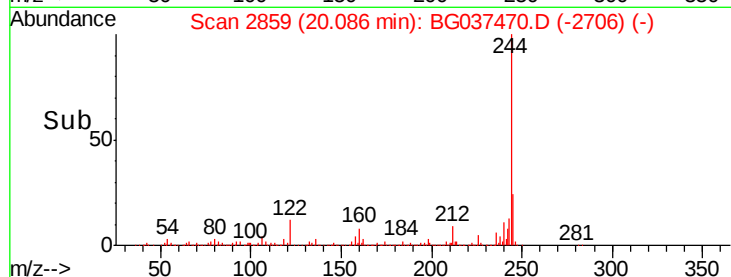
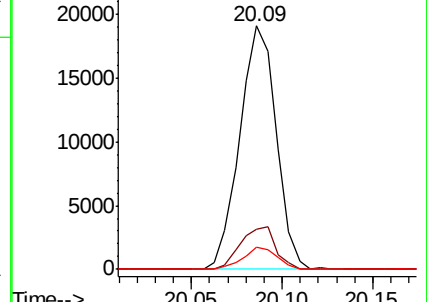
183 9.0 10.2 15.2#



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: 0.250 ng

RT: 20.09 min Scan# 2859

Delta R.T. 0.19 min

Lab File: BG037470.D

Acq: 20 Oct 2018 3:40

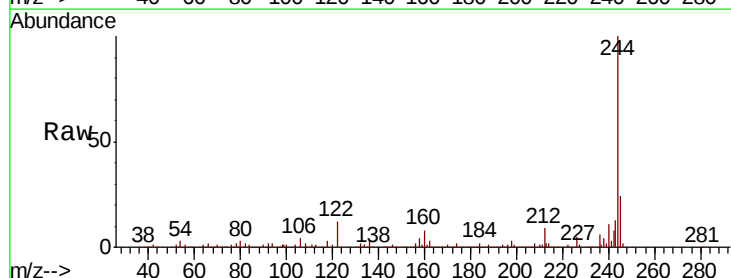
Tgt Ion:202 Resp: 6256

Ion Ratio Lower Upper

202 100

200 45.9 17.8 26.6#

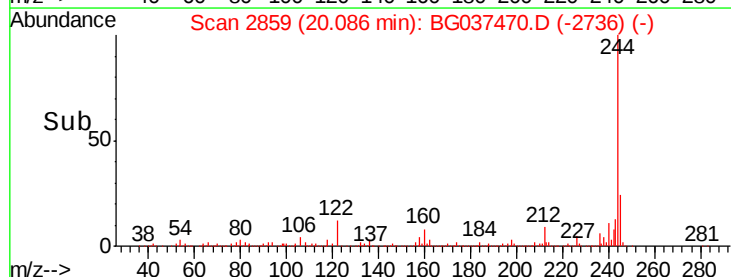
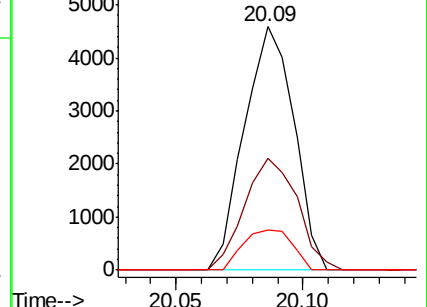
203 16.2 15.2 22.8

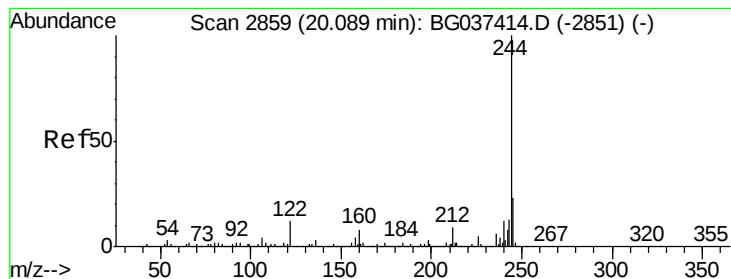


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.874 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037470.D

Acq: 20 Oct 2018 3:40

Instrument :

BNA_G

ClientSampleId :

PB113548BL

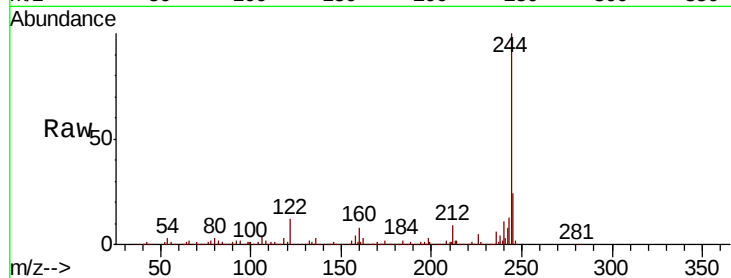
Tgt Ion:244 Resp: 1571631

Ion Ratio Lower Upper

244 100

212 8.8 6.5 9.7

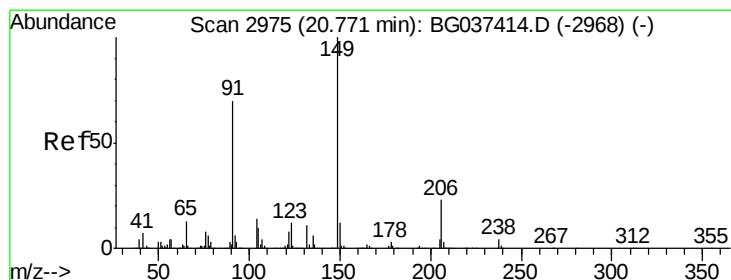
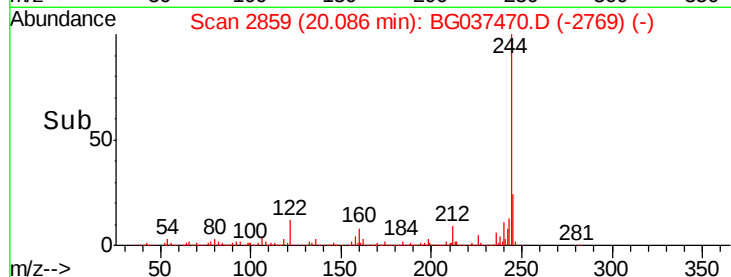
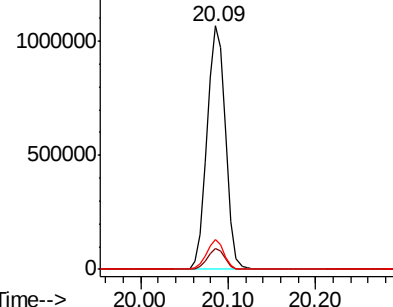
122 12.3 9.0 13.4



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: 0.006 ng

RT: 20.80 min Scan# 2981

Delta R.T. 0.03 min

Lab File: BG037470.D

Acq: 20 Oct 2018 3:40

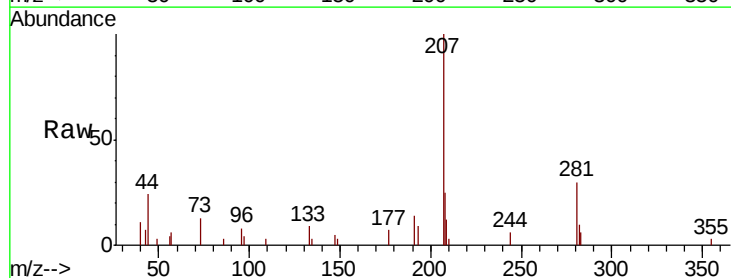
Tgt Ion:149 Resp: 57

Ion Ratio Lower Upper

149 100

91 0.0 57.0 85.4#

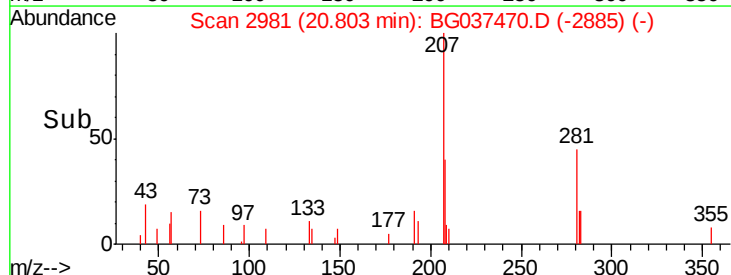
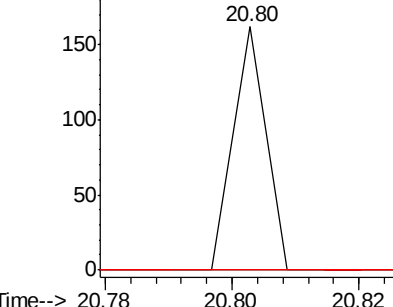
206 0.0 17.8 26.6#

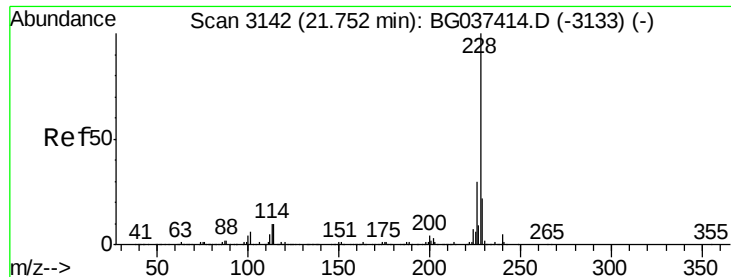


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

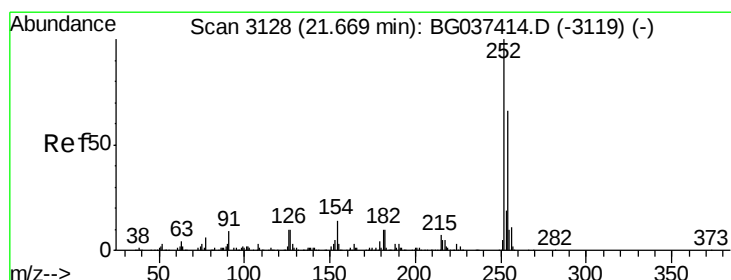
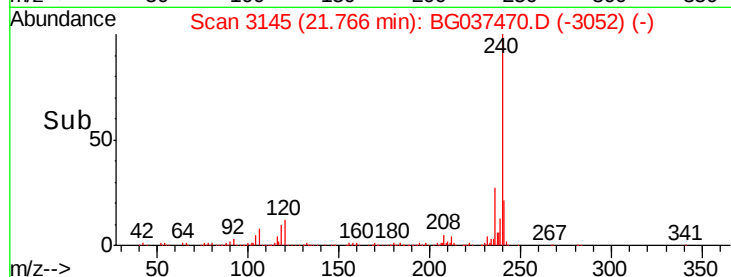
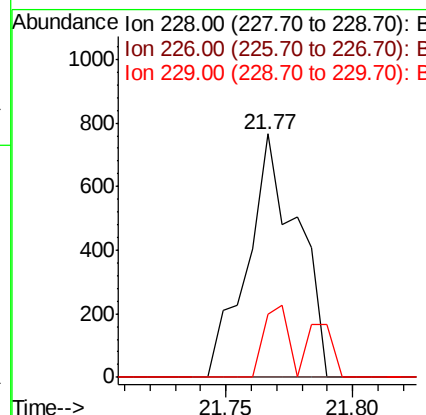
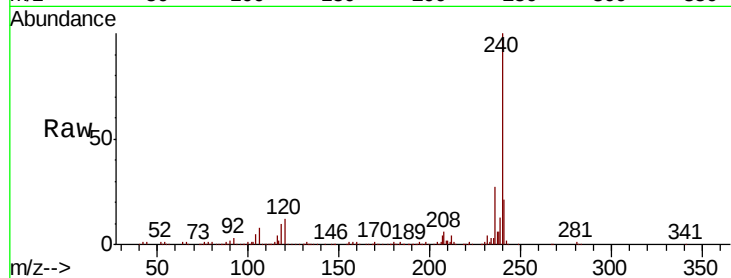




#81
Benzo(a)anthracene
Concen: 0.047 ng
RT: 21.77 min Scan# 3145
Delta R.T. 0.01 min
Lab File: BG037470.D
Acq: 20 Oct 2018 3:40

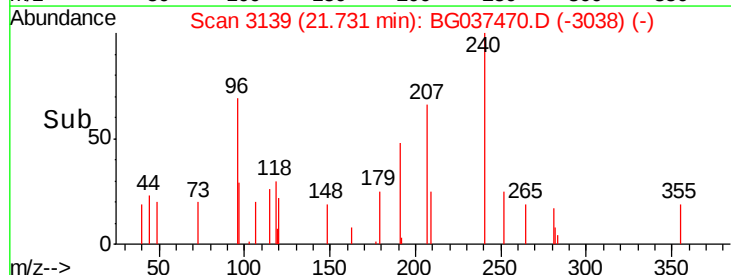
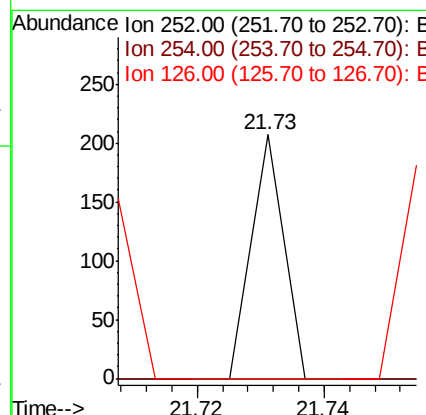
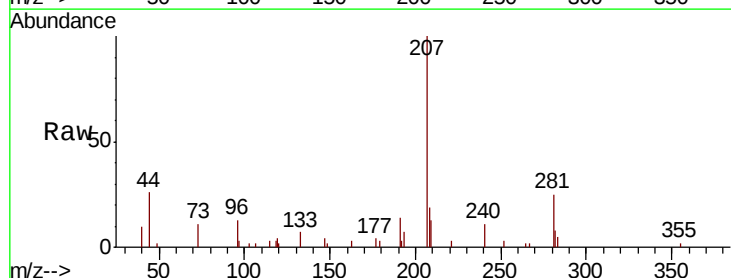
Instrument :
BNA_G
ClientSampleId :
PB113548BL

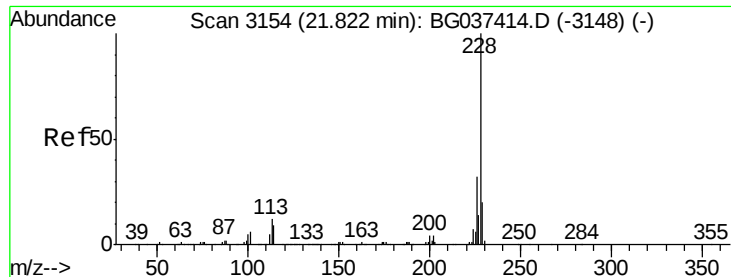
Tgt Ion: 228 Resp: 1058
Ion Ratio Lower Upper
228 100
226 0.0 22.6 33.8#
229 25.7 16.3 24.5#



#82
3,3'-Dichlorobenzidine
Concen: 0.008 ng
RT: 21.73 min Scan# 3139
Delta R.T. 0.06 min
Lab File: BG037470.D
Acq: 20 Oct 2018 3:40

Tgt Ion: 252 Resp: 73
Ion Ratio Lower Upper
252 100
254 0.0 52.0 78.0#
126 0.0 8.2 12.4#





#83

Chrysene

Concen: 0.049 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.06 min

Lab File: BG037470.D

Acq: 20 Oct 2018 3:40

Instrument :

BNA_G

ClientSampled :

PB113548BL

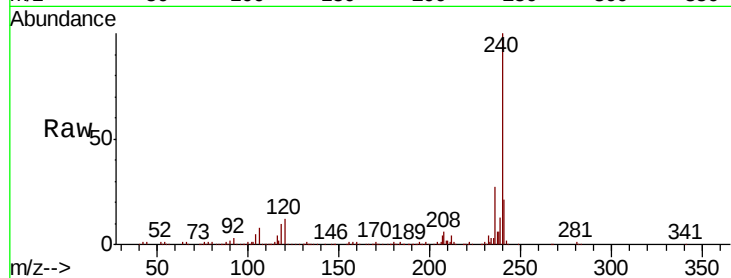
Tgt Ion:228 Resp: 1058

Ion Ratio Lower Upper

228 100

226 0.0 25.7 38.5#

229 25.7 16.5 24.7#

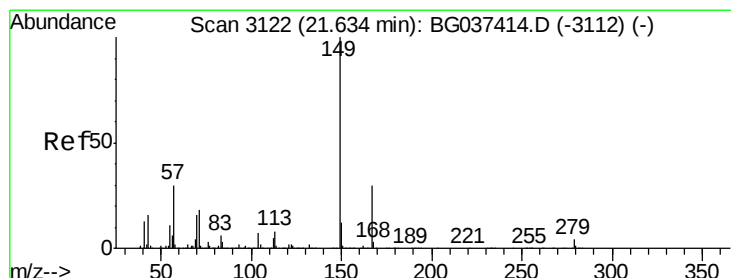
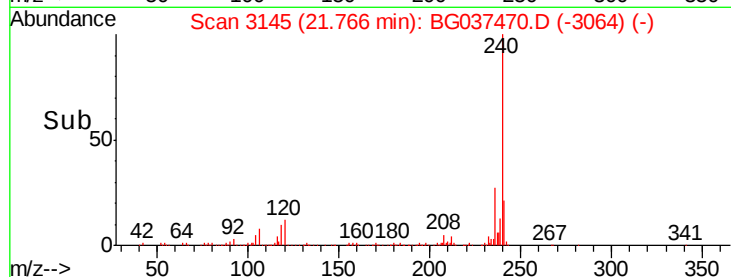
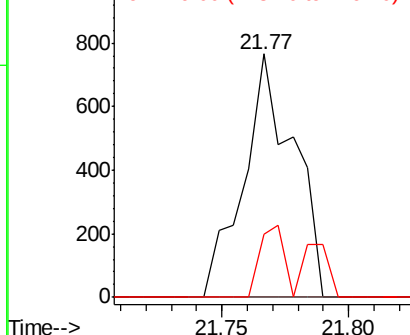


Abundance

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: 0.048 ng

RT: 21.63 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BG037470.D

Acq: 20 Oct 2018 3:40

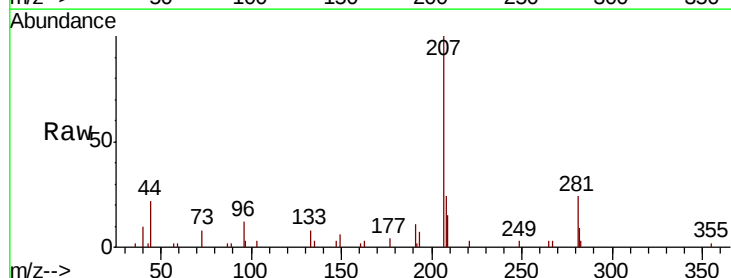
Tgt Ion:149 Resp: 688

Ion Ratio Lower Upper

149 100

167 0.0 23.0 34.4#

279 0.0 3.6 5.4#

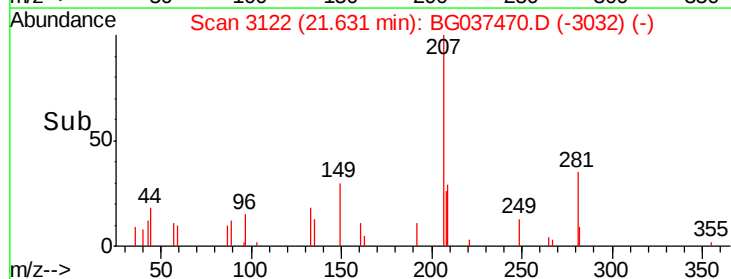
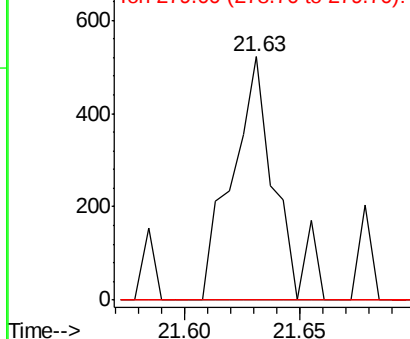


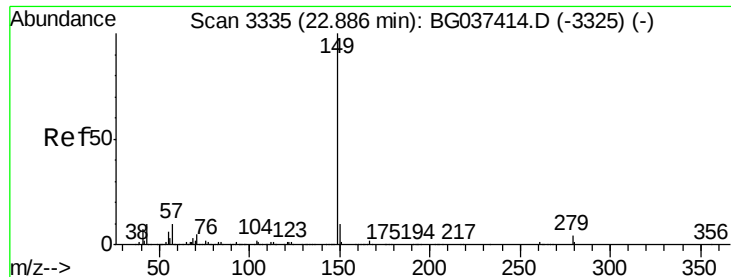
Abundance

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

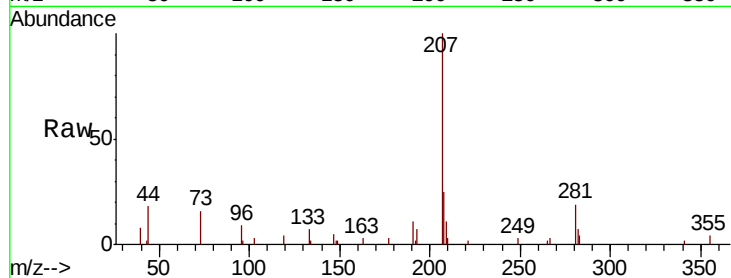




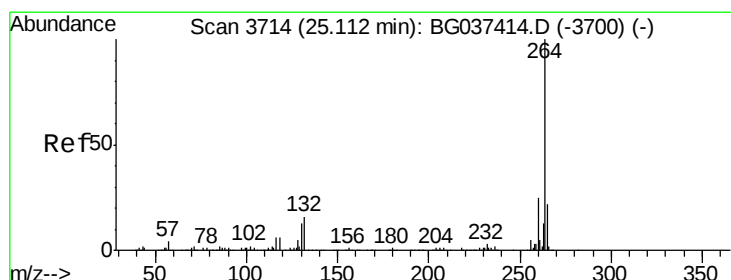
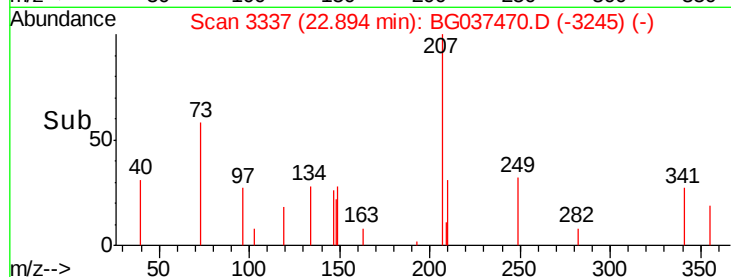
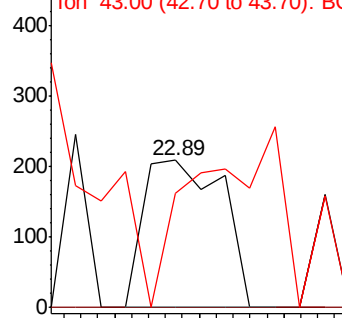
#85
Di-n-octyl phthalate
Concen: 0.012 ng
RT: 22.89 min Scan# 3337
Delta R.T. 0.01 min
Lab File: BG037470.D
Acq: 20 Oct 2018 3:40

Instrument :
BNA_G
ClientSampleId :
PB113548BL

Tgt Ion:149 Resp: 270
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 0.0 8.7 13.1#

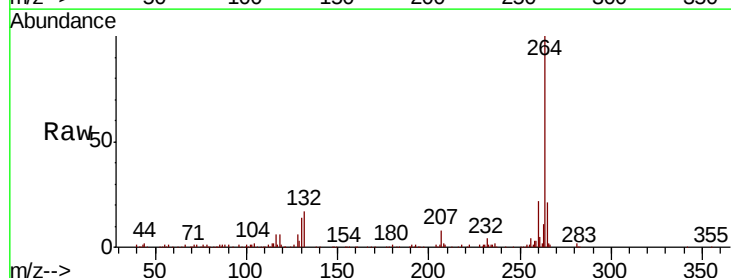


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

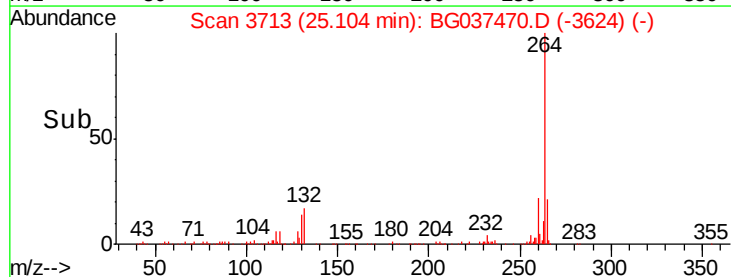
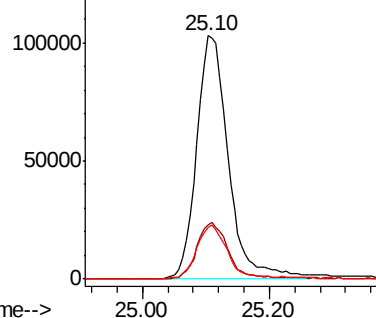


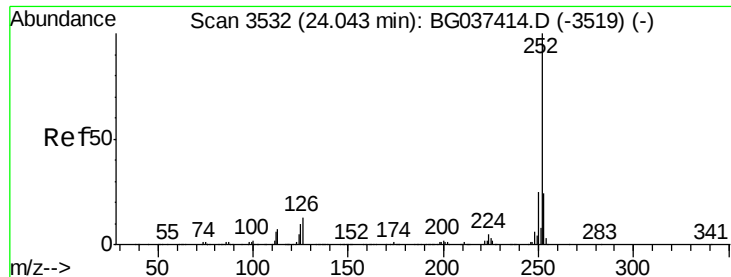
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037470.D
Acq: 20 Oct 2018 3:40

Tgt Ion:264 Resp: 358809
Ion Ratio Lower Upper
264 100
260 22.2 18.2 27.4
265 21.4 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

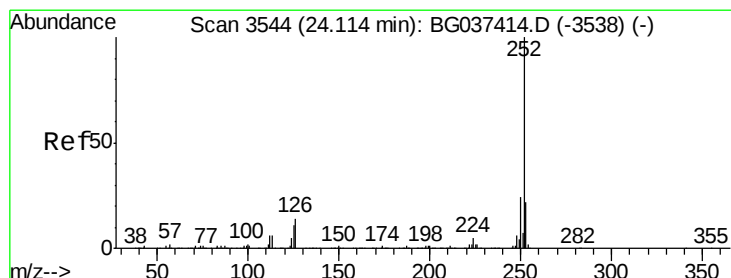
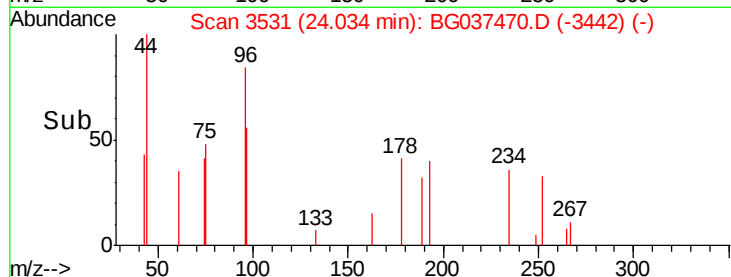
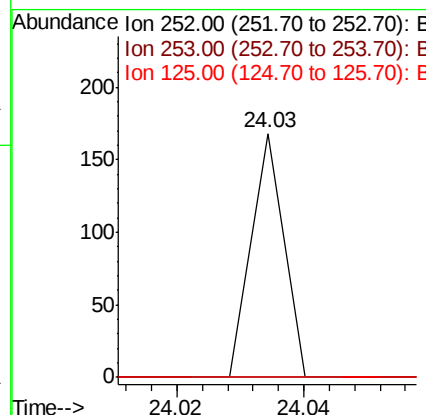
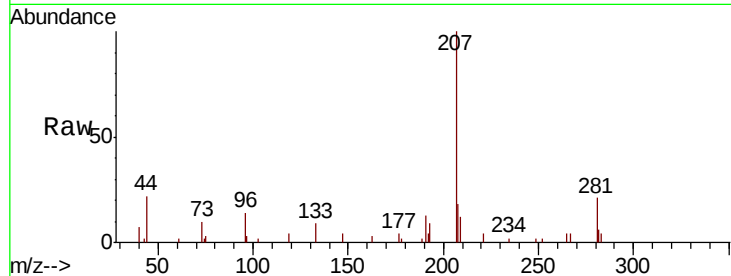




#88
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 24.03 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG037470.D
Acq: 20 Oct 2018 3:40

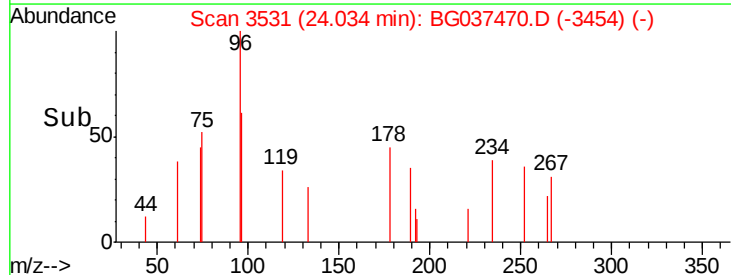
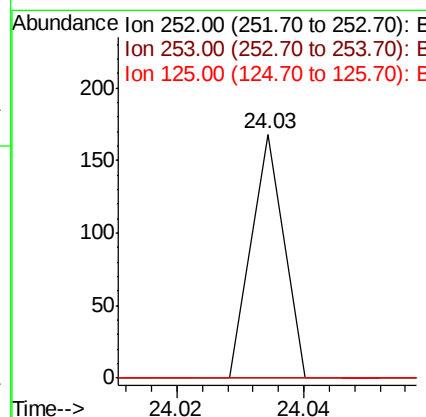
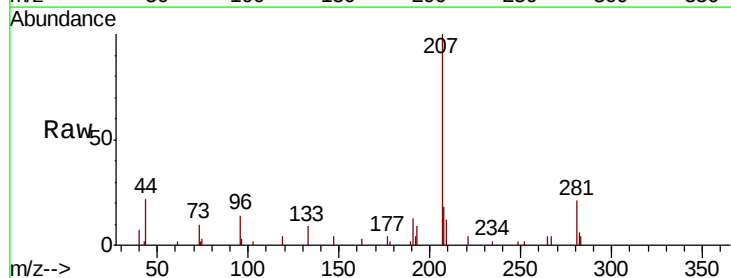
Instrument :
BNA_G
ClientSampleId :
PB113548BL

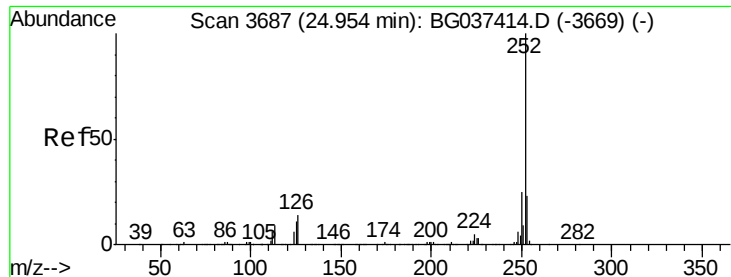
Tgt Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.2#
125	0.0	7.8	11.6#



#89
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 24.03 min Scan# 3531
Delta R.T. -0.08 min
Lab File: BG037470.D
Acq: 20 Oct 2018 3:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.2#
125	0.0	7.4	11.0#





#90

Benzo(a)pyrene

Concen: 0.005 ng

RT: 25.07 min Scan# 3708

Delta R.T. 0.12 min

Lab File: BG037470.D

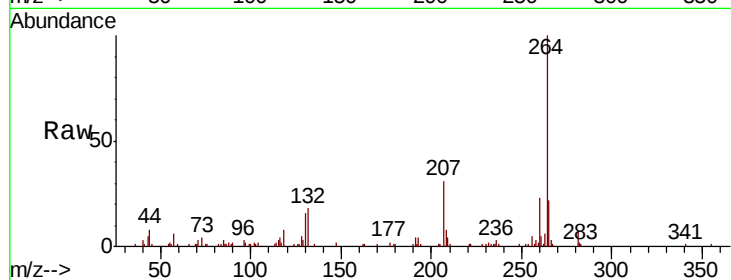
Acq: 20 Oct 2018 3:40

Instrument :

BNA_G

ClientSampleId :

PB113548BL



Tgt Ion:	252	Resp:	87
Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.2#
125	0.0	9.0	13.6#

