

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
 Data File : BG037421.D
 Acq On : 18 Oct 2018 16:01
 Operator : JU/SJ
 Sample : PB113672BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113672BL

Quant Time: Oct 19 07:14:28 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	63188	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	272478	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	189944	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	490278	20.00	ng	0.00
76) Chrysene-d12	21.77	240	465263	20.00	ng	0.00
87) Perylene-d12	25.11	264	453692	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	456462	120.77	ng	0.00
7) Phenol-d6	7.25	99	645068	112.87	ng	0.00
23) Nitrobenzene-d5	9.29	82	362942	74.62	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	246437	118.95	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	904199	71.78	ng	0.00
79) Terphenyl-d14	20.09	244	1533604	70.43	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.54	88	290	0.151	ng	# 1
4) n-Nitrosodimethylamine	3.85	42	178	0.103	ng	# 1
6) Aniline	7.63	93	587	0.084	ng	# 1
8) 2-Chlorophenol	7.63	128	119	0.027	ng	# 1
9) Benzaldehyde	7.25	77	961	0.269	ng	# 4
10) Phenol	7.25	94	55	0.009	ng	# 1
11) bis(2-Chloroethyl)ether	7.63	93	587	0.128	ng	# 1
12) 1,3-Dichlorobenzene	8.42	146	70	0.014	ng	# 1
13) 1,4-Dichlorobenzene	8.42	146	70	0.014	ng	# 1
14) 1,2-Dichlorobenzene	8.42	146	70	0.014	ng	# 1
15) Benzyl Alcohol	8.43	79	5380	1.274	ng	# 44
16) 2,2'-oxybis(1-Chloropropan	8.72	45	83	0.010	ng	# 74
17) 2-Methylphenol	8.43	107	74	0.019	ng	# 1
20) 3+4-Methylphenols	8.43	107	74	0.013	ng	# 1
24) Nitrobenzene	9.29	77	1040	0.206	ng	# 41
25) Isophorone	9.39	82	897	0.101	ng	# 67
46) 1,1'-Biphenyl	13.58	154	1415	0.090	ng	# 74
48) 2-Nitroaniline	13.36	65	1245	0.345	ng	# 3
50) Dimethylphthalate	14.19	163	53	0.004	ng	# 76
52) Acenaphthene	14.74	154	765	0.069	ng	# 3
58) Fluorene	16.23	166	11462	0.838	ng	# 79
63) Azobenzene	16.23	77	1245	0.086	ng	# 1
66) n-Nitrosodiphenylamine	16.23	169	10186	0.691	ng	# 47
68) Hexachlorobenzene	16.28	284	54	0.010	ng	# 39
71) Phenanthrene	17.49	178	156	0.006	ng	# 59
72) Anthracene	17.49	178	156	0.006	ng	# 60
77) Benzidine	20.09	184	24805	1.568	ng	# 89
78) Pyrene	20.09	202	5780	0.190	ng	# 70
80) Butylbenzylphthalate	20.82	149	73	0.006	ng	# 82
81) Benzo(a)anthracene	21.77	228	1440	0.052	ng	# 68
82) 3,3'-Dichlorobenzidine	21.67	252	64	0.006	ng	# 25
83) Chrysene	21.77	228	1440	0.054	ng	# 64
84) Bis(2-ethylhexyl)phthalate	21.62	149	271	0.016	ng	# 51
85) Di-n-octyl phthalate	22.89	149	59	0.002	ng	# 74

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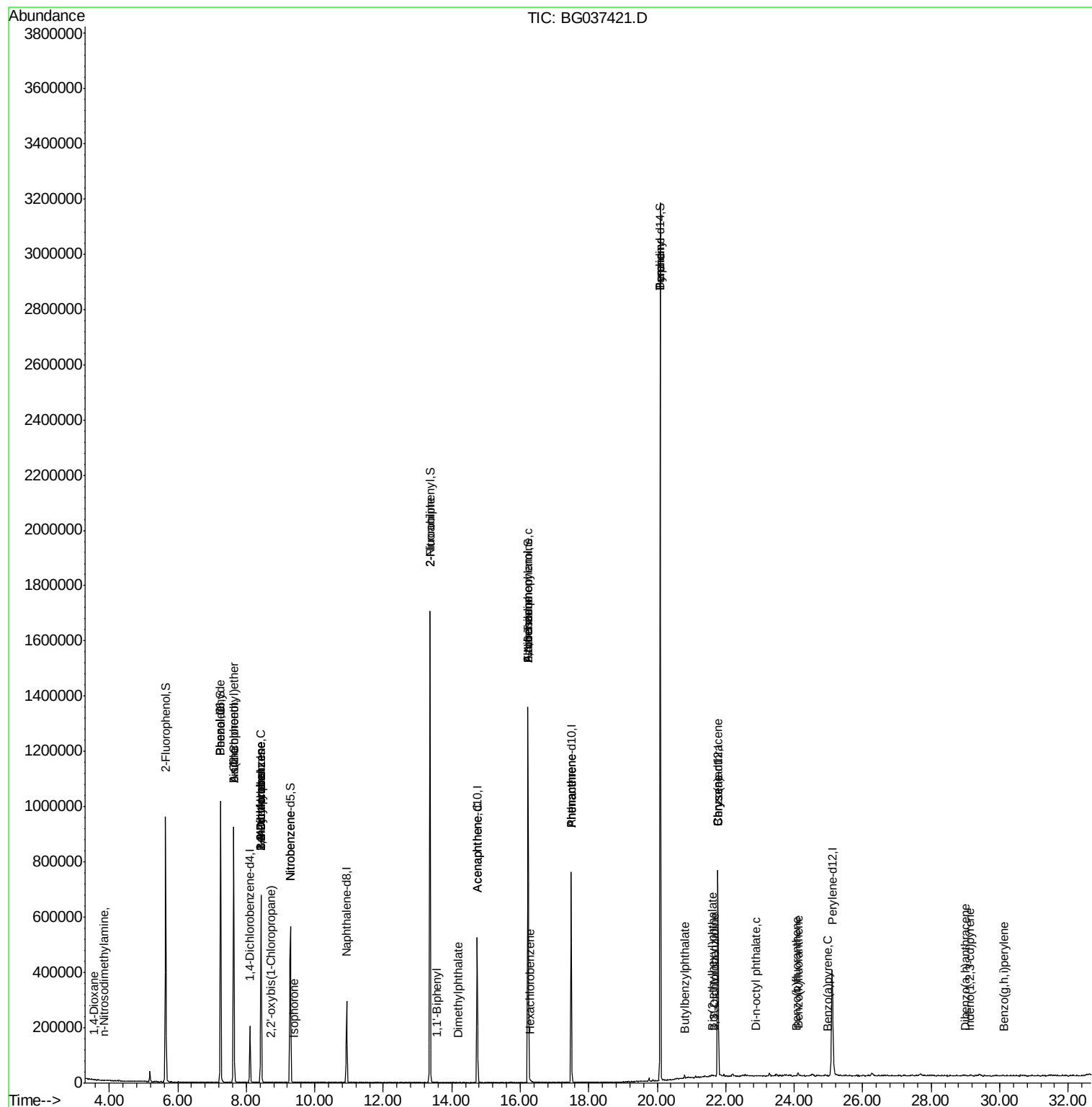
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) Indeno(1,2,3-cd)pyrene	29.13	276	59	0.002	ng	# 55
88) Benzo(b)fluoranthene	24.05	252	66	0.003	ng	# 59
89) Benzo(k)fluoranthene	24.12	252	92	0.004	ng	# 9
90) Benzo(a)pyrene	24.96	252	63	0.003	ng	# 60
91) Dibenzo(a,h)anthracene	29.00	278	75	0.003	ng	# 57
92) Benzo(a,h,i)perylene	30.14	276	55	0.002	ng	# 53

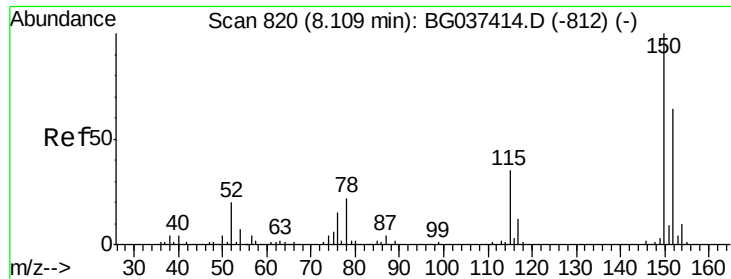
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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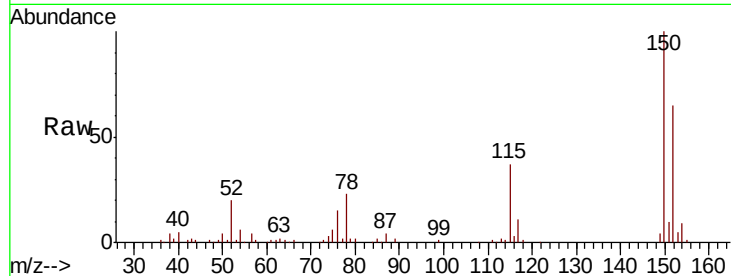


#1

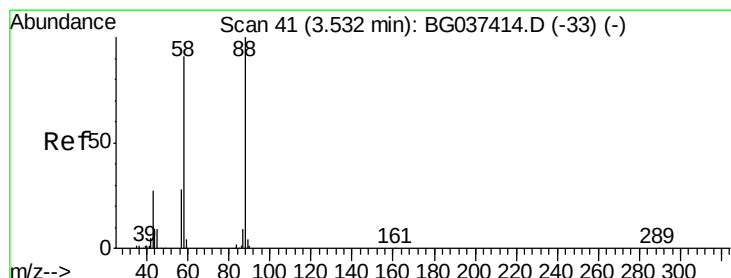
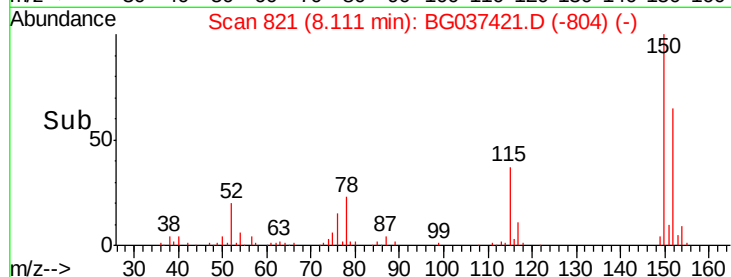
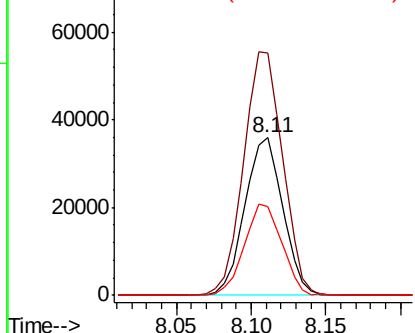
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Instrument :
BNA_G
ClientSampleId :
PB113672BL

Tot Ion:152 Resp: 63188
Ion Ratio Lower Upper
152 100
150 153.6 126.0 189.0
115 56.4 45.5 68.3



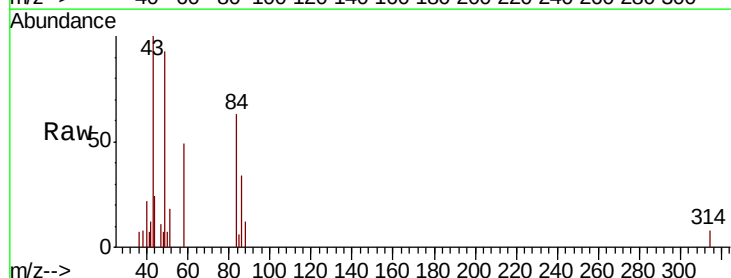
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



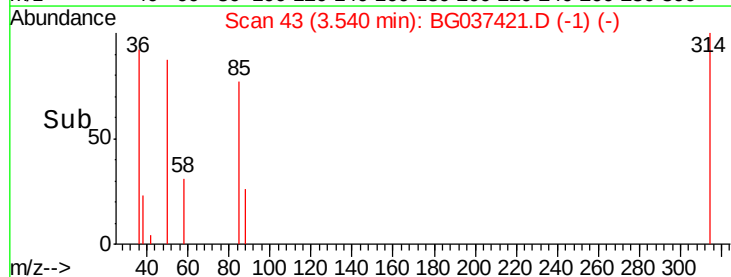
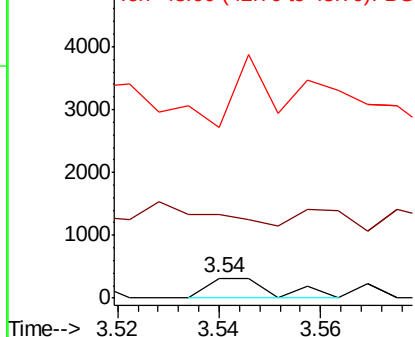
#2

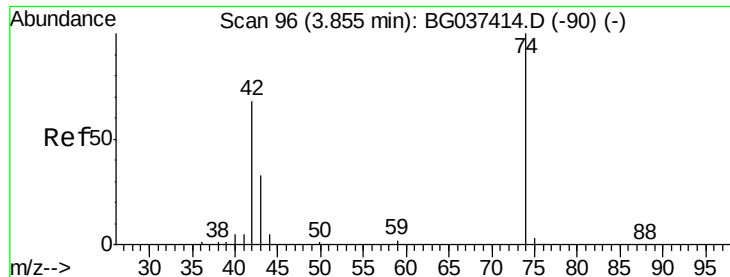
1,4-Dioxane
Concen: 0.151 ng
RT: 3.54 min Scan# 43
Delta R.T. 0.01 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion: 88 Resp: 290
Ion Ratio Lower Upper
88 100
58 0.0 74.4 111.6#
43 444.1 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





#4

n-Nitrosodimethylamine

Concen: 0.103 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

Instrument :

BNA_G

ClientSampleId :

PB113672BL

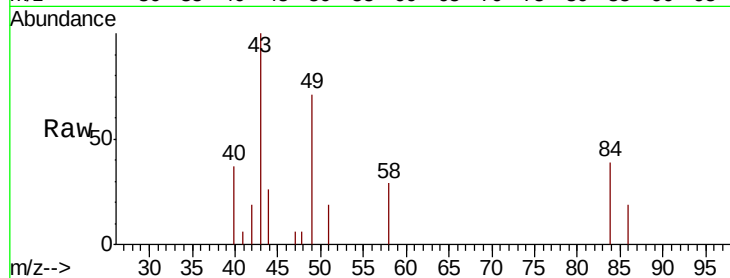
Tot Ion: 42 Resp: 178

Ion Ratio Lower Upper

42 100

74 0.0 102.0 153.0#

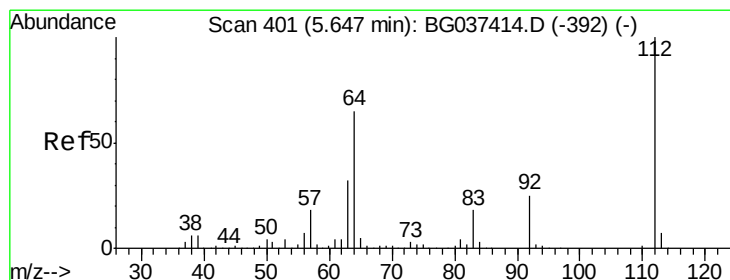
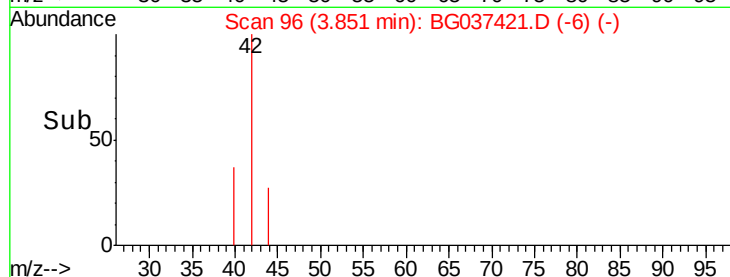
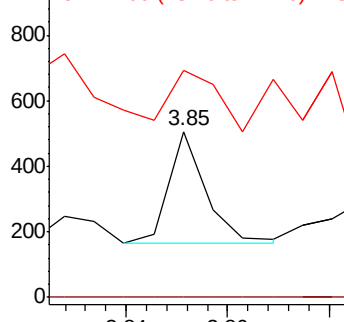
44 136.8 9.6 14.4#



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: 120.773 ng

RT: 5.65 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

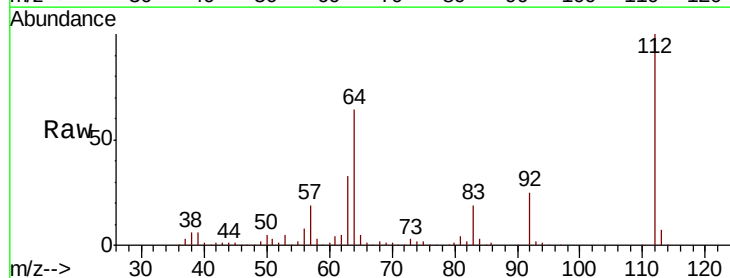
Tgt Ion: 112 Resp: 456462

Ion Ratio Lower Upper

112 100

64 64.5 53.1 79.7

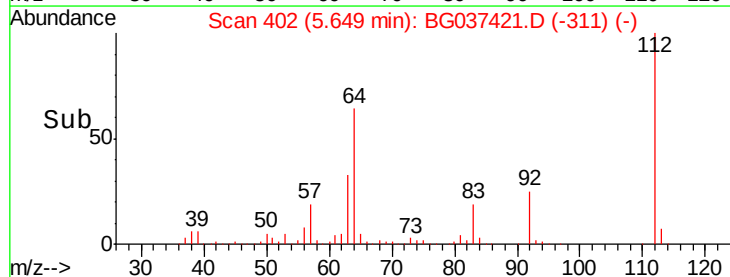
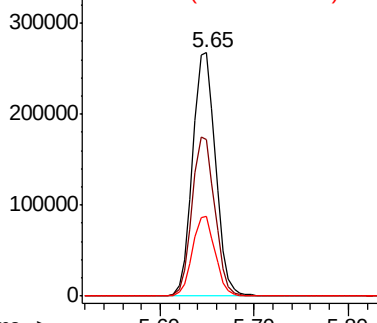
63 32.9 27.3 40.9

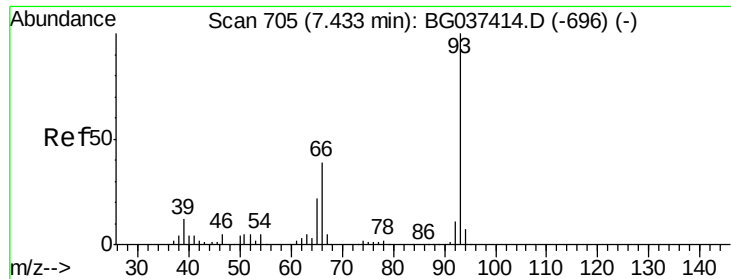


Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

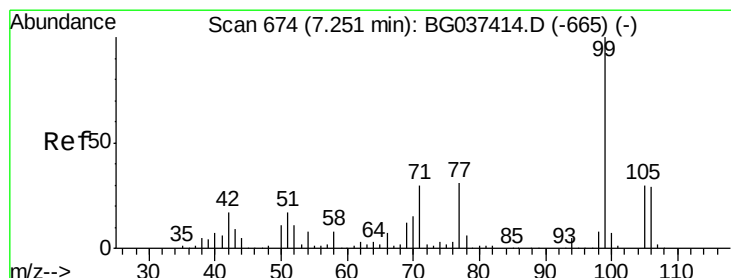
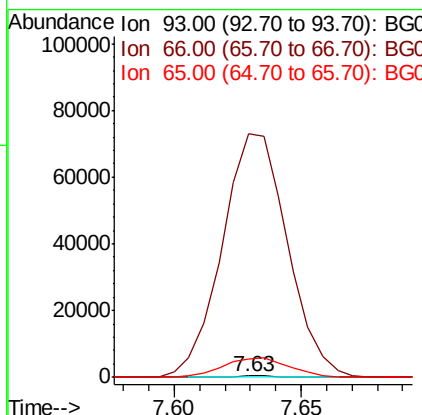
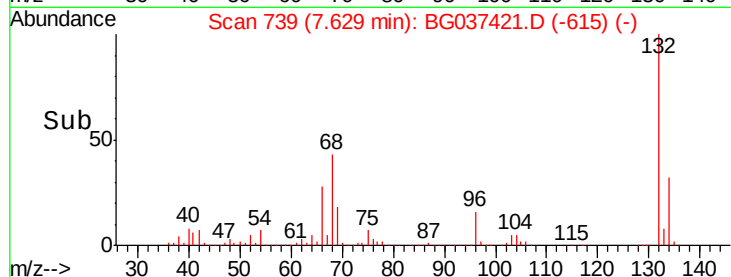
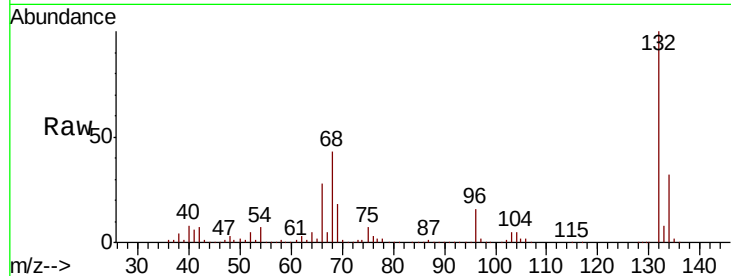




#6
 Aniline
 Concen: 0.084 ng
 RT: 7.63 min Scan# 739
 Delta R.T. 0.20 min
 Lab File: BG037421.D
 Acq: 18 Oct 2018 16:01

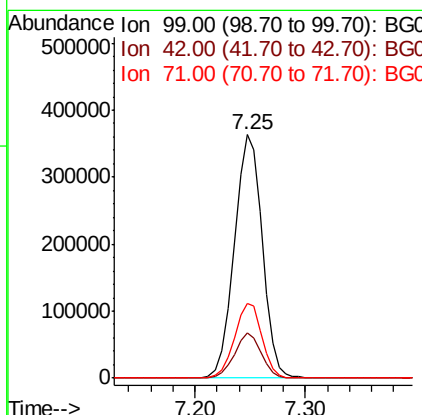
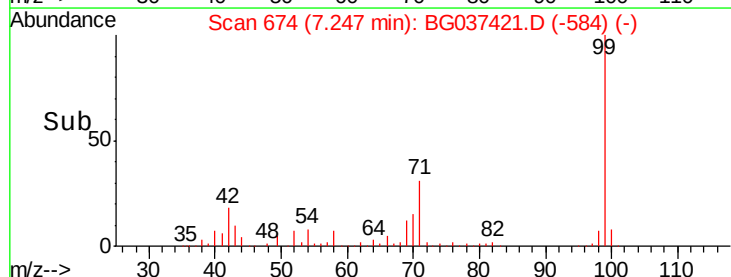
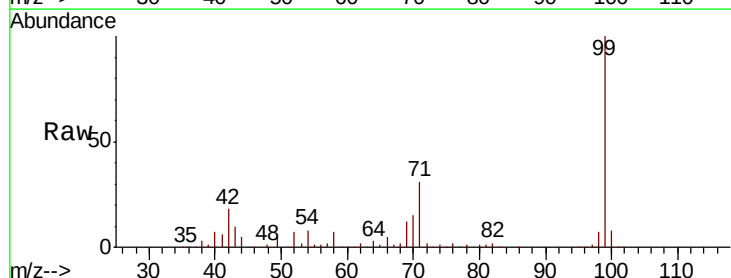
Instrument :
 BNA_G
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 PB113672BL

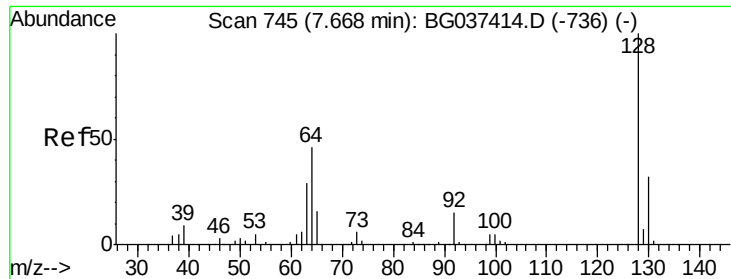
Tot Ion: 93 Resp: 587
 Ion Ratio Lower Upper
 93 100
 66 16659.4 32.8 49.2#
 65 1226.0 16.4 24.6#



#7
 Phenol-d6
 Concen: 112.871 ng
 RT: 7.25 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: BG037421.D
 Acq: 18 Oct 2018 16:01

Tgt Ion: 99 Resp: 645068
 Ion Ratio Lower Upper
 99 100
 42 18.3 15.0 22.4
 71 30.6 25.5 38.3





#8

2-Chlorophenol

Concen: 0.027 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.04 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

Instrument :

BNA_G

ClientSampleId :

PB113672BL

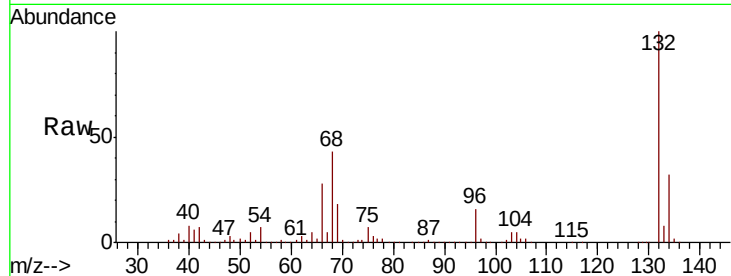
Tot Ion:128 Resp: 119

Ion Ratio Lower Upper

128 100

130 63.7 12.0 52.0#

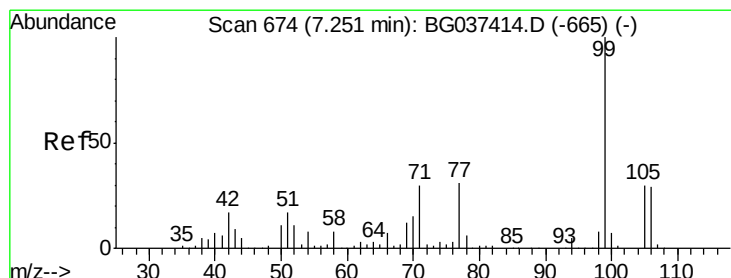
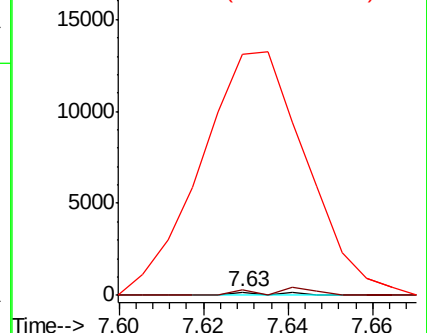
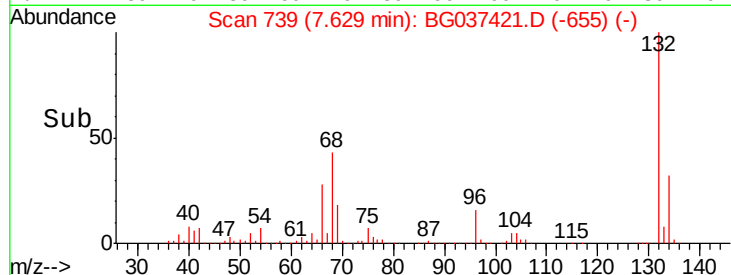
64 2939.5 32.9 72.9#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BG



#9

Benzaldehyde

Concen: 0.269 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

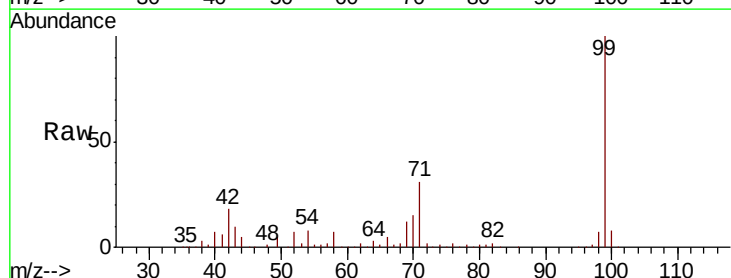
Tgt Ion: 77 Resp: 961

Ion Ratio Lower Upper

77 100

105 0.0 72.6 112.6#

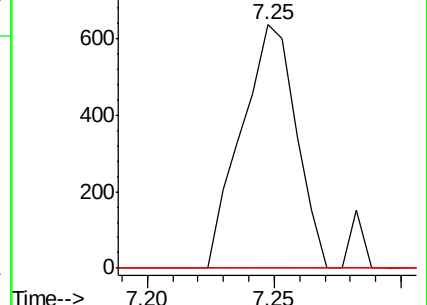
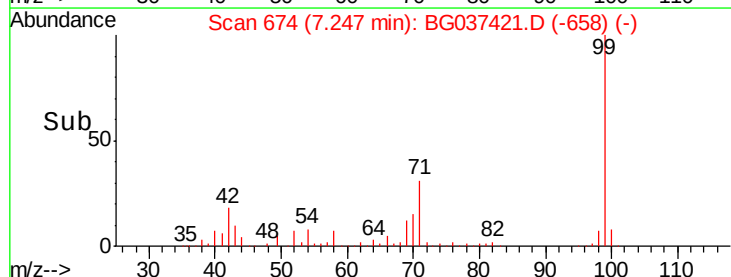
106 0.0 71.3 111.3#

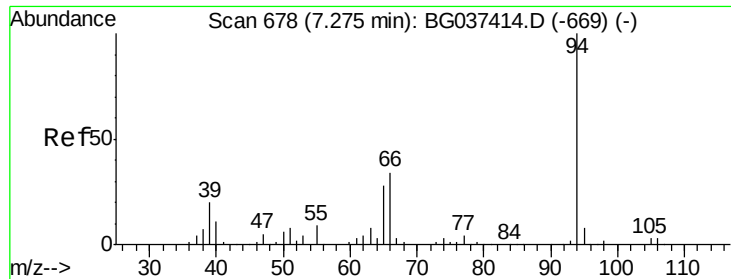


Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.009 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.02 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

Instrument :

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ClientSampleId :

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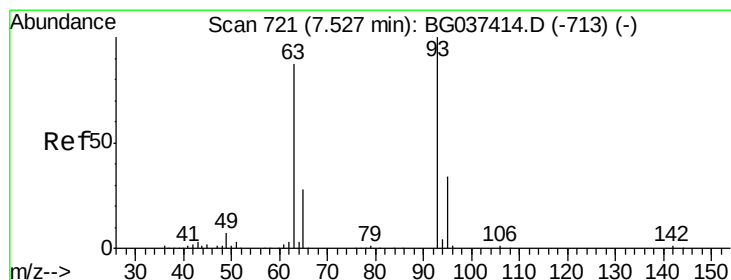
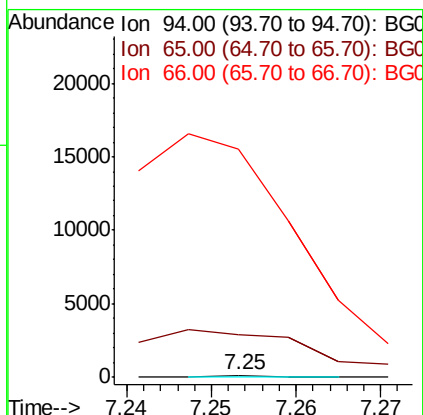
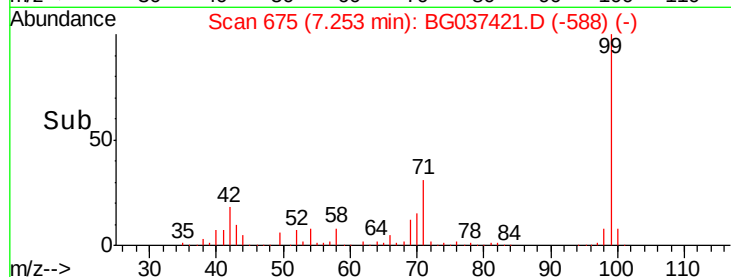
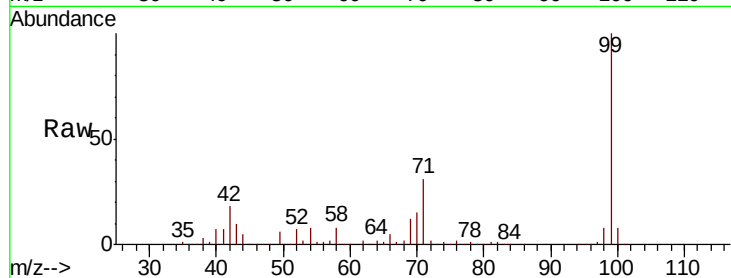
Tot Ion: 94 Resp: 55

Ion Ratio Lower Upper

94 100

65 1846.5 9.7 49.7#

66 10027.1 15.9 55.9#



#11

bis(2-Chloroethyl)ether

Concen: 0.128 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.10 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

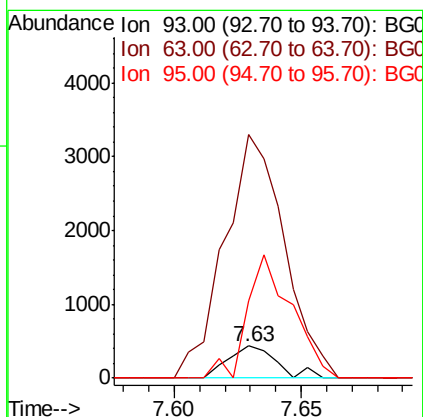
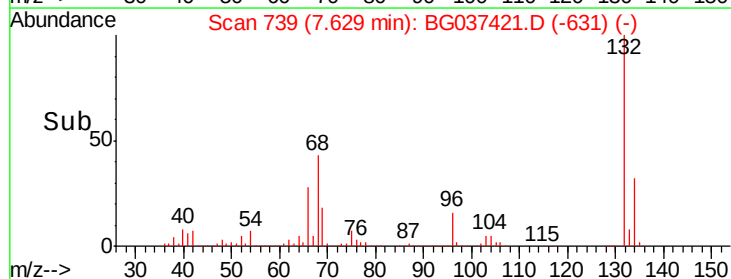
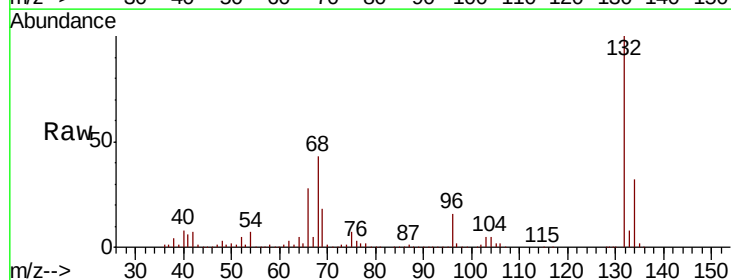
Tgt Ion: 93 Resp: 587

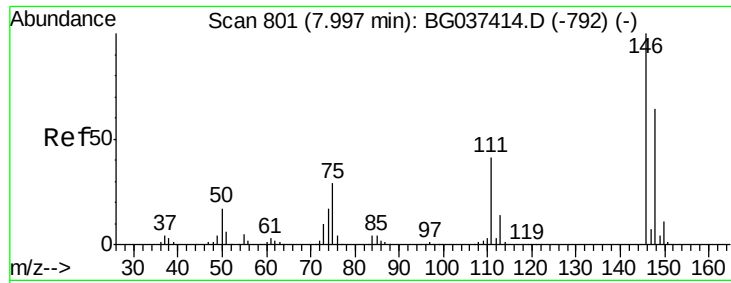
Ion Ratio Lower Upper

93 100

63 753.7 69.5 109.5#

95 238.1 12.6 52.6#





#12

1,3-Dichlorobenzene

Concen: 0.014 ng

RT: 8.42 min Scan# 874

Delta R.T. 0.43 min

Lab File: BG037421.D

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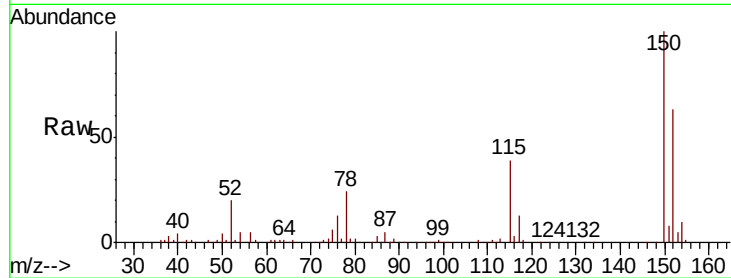
Tot Ion:146 Resp: 70

Ion Ratio Lower Upper

146 100

148 224.1 49.8 74.8#

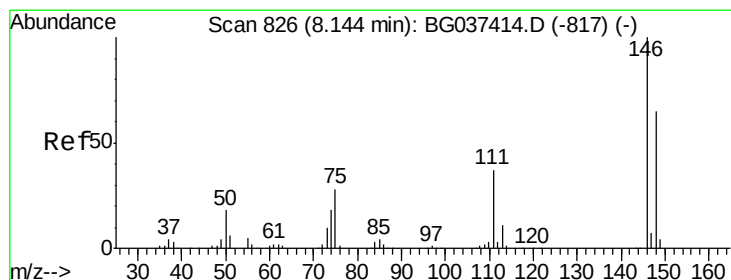
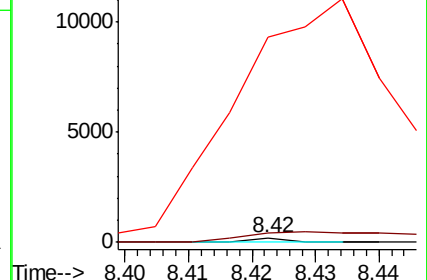
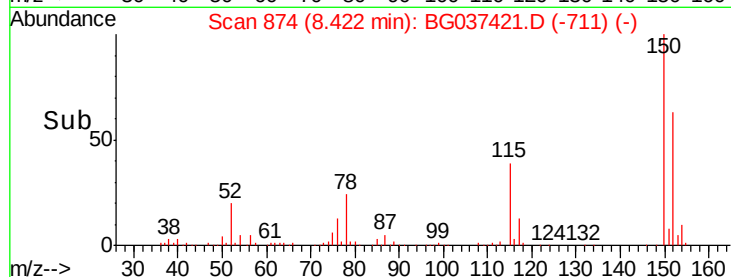
75 4675.4 23.2 34.8#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC



#13

1,4-Dichlorobenzene

Concen: 0.014 ng

RT: 8.42 min Scan# 874

Delta R.T. 0.28 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

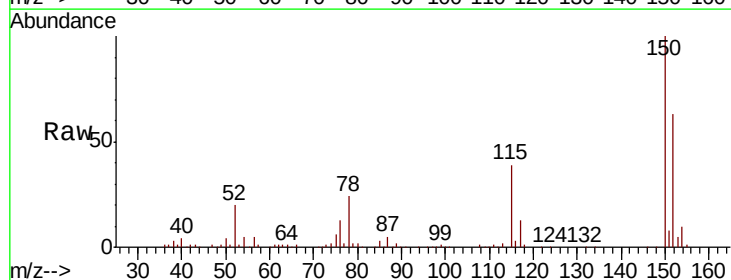
Tgt Ion:146 Resp: 70

Ion Ratio Lower Upper

146 100

148 224.1 51.0 76.6#

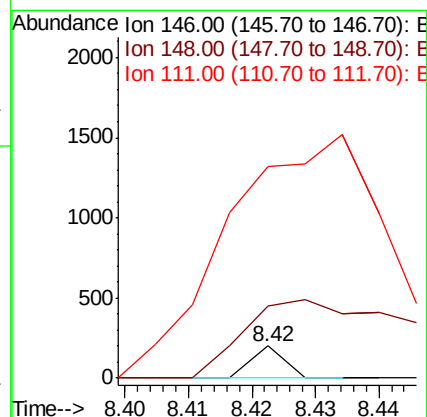
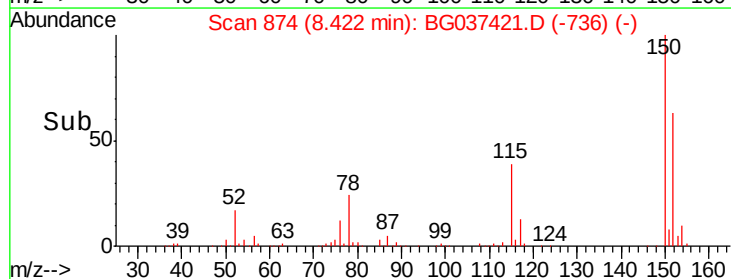
111 665.3 32.4 48.6#

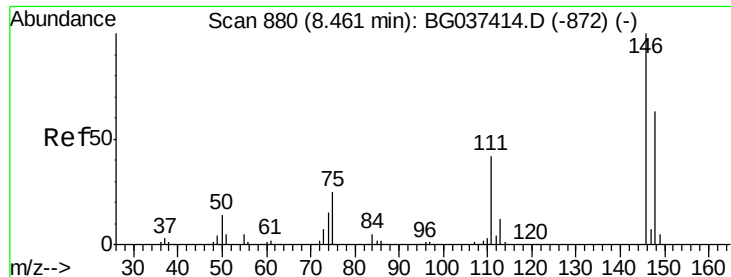


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

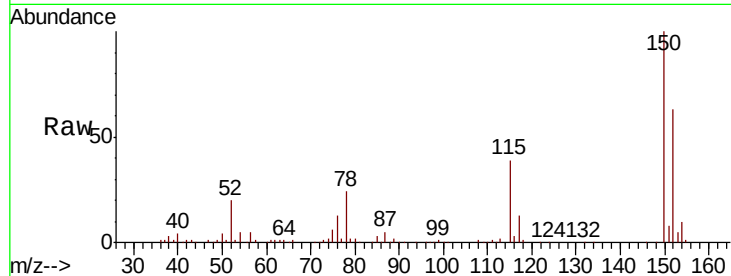




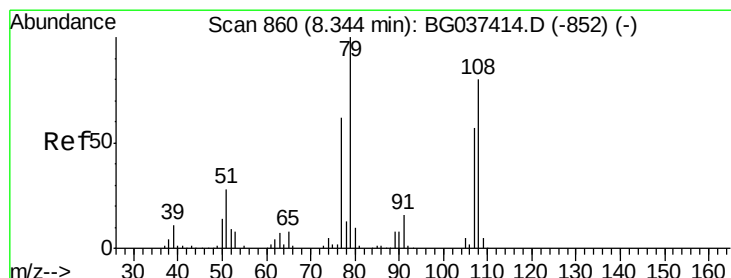
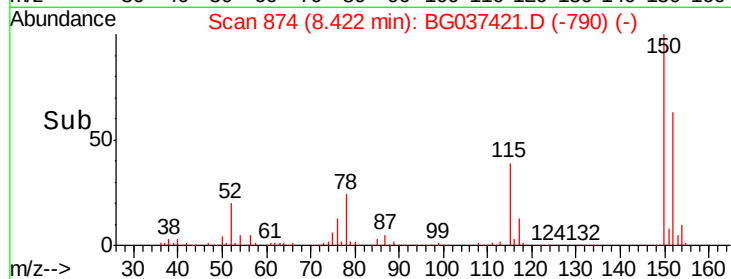
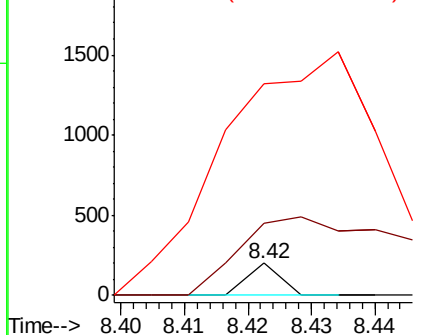
#14
 1,2-Dichlorobenzene
 Concen: 0.014 ng
 RT: 8.42 min Scan# 874
 Delta R.T. -0.04 min
 Lab File: BG037421.D
 Acq: 18 Oct 2018 16:01

Instrument :
 BNA_G
 ClientSampleId :
 PB113672BL

Tot Ion:146 Resp: 70
 Ion Ratio Lower Upper
 146 100
 148 224.1 50.4 75.6#
 111 665.3 34.6 51.8#

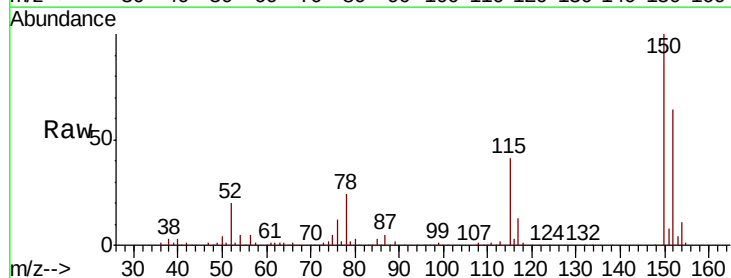


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

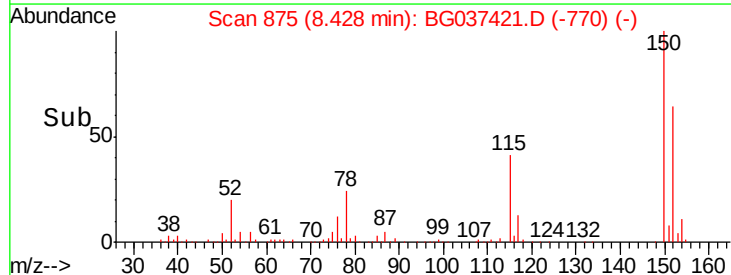
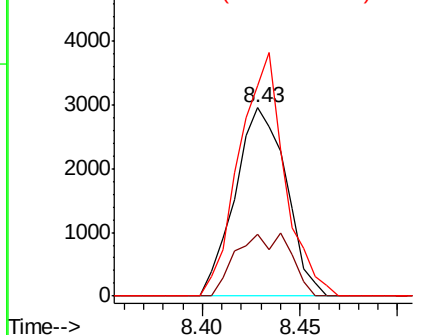


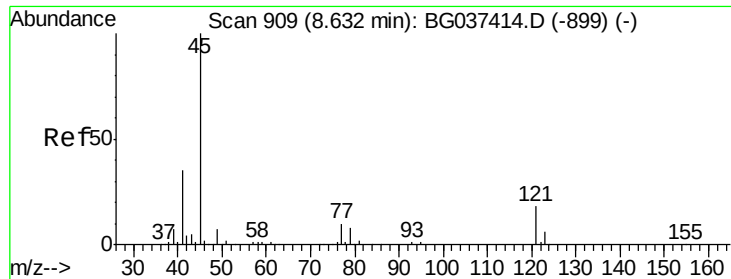
#15
 Benzyl Alcohol
 Concen: 1.274 ng
 RT: 8.43 min Scan# 875
 Delta R.T. 0.08 min
 Lab File: BG037421.D
 Acq: 18 Oct 2018 16:01

Tgt Ion: 79 Resp: 5380
 Ion Ratio Lower Upper
 79 100
 108 32.6 65.8 98.8#
 77 111.7 52.9 79.3#



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

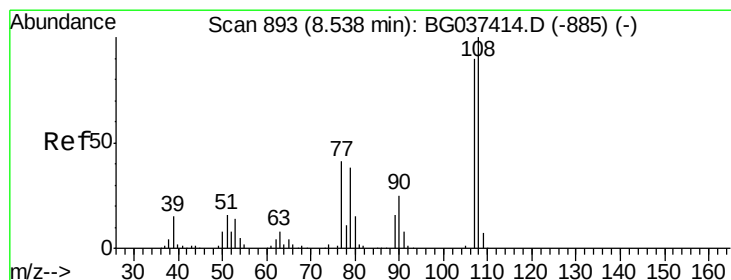
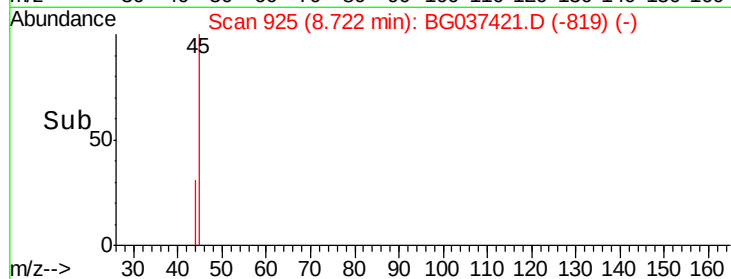
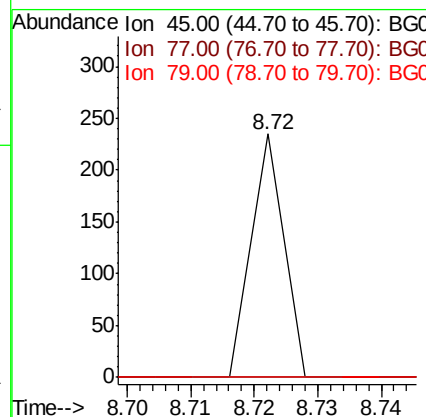
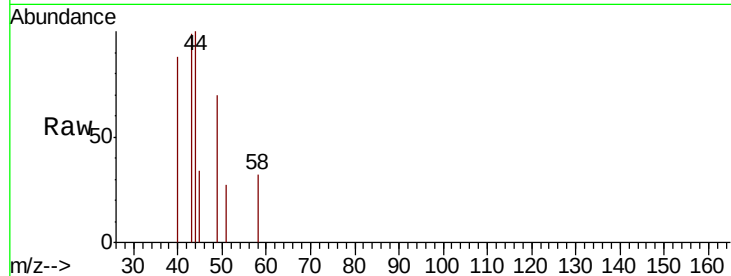




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.010 ng
RT: 8.72 min Scan# 925
Delta R.T. 0.09 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

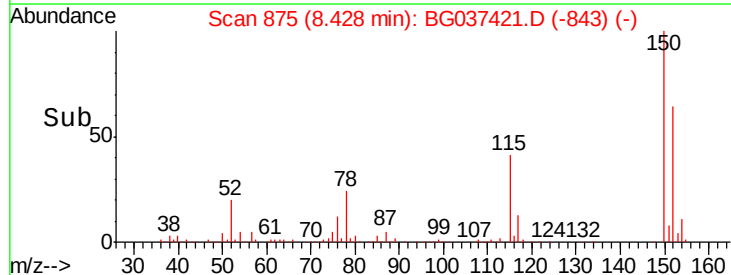
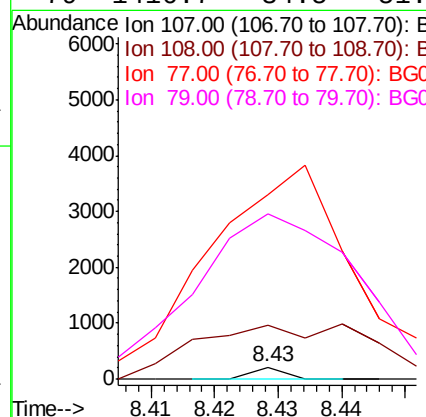
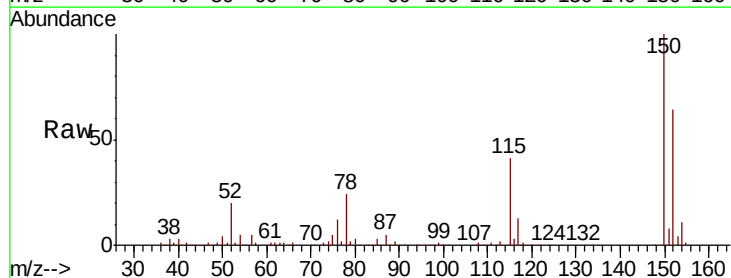
Instrument :
BNA_G
ClientSampleId :
PB113672BL

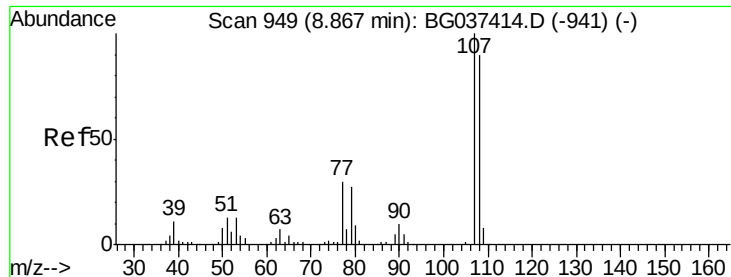
Tot Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	30.0
79	0.0	0.0	29.0



#17
2-Methylphenol
Concen: 0.019 ng
RT: 8.43 min Scan# 875
Delta R.T. -0.11 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	462.2	87.9	131.9#
77	1581.8	35.1	52.7#
79	1416.7	34.5	51.7#





#20

3+4-Methylphenols

Concen: 0.013 ng

RT: 8.43 min Scan# 875

Delta R.T. -0.44 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

Instrument :

BNA_G

ClientSampleId :

PB113672BL

Tot Ion:107 Resp: 74

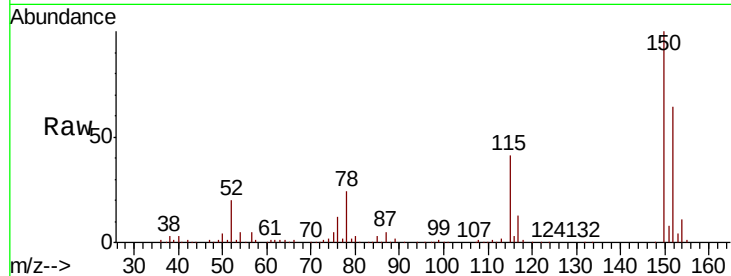
Ion Ratio Lower Upper

107 100

108 462.2 69.9 109.9#

77 1581.8 11.2 51.2#

79 1416.7 6.6 46.6#

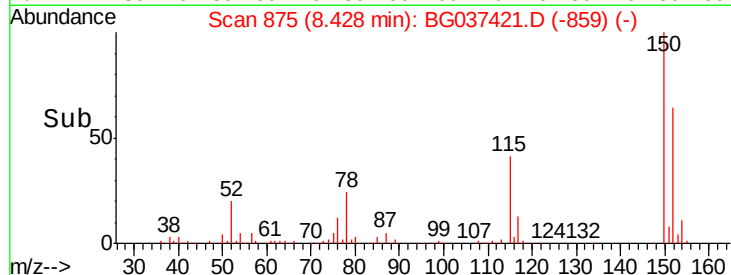


Abundance Ion 107.00 (106.70 to 107.70): E

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



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

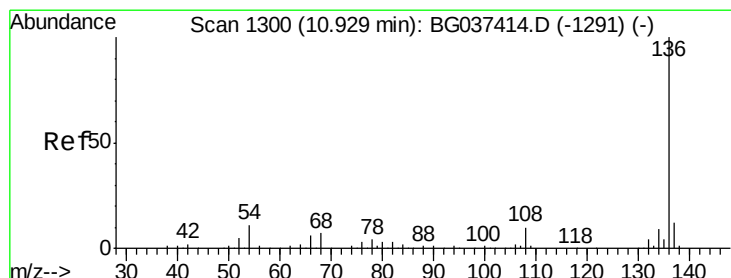
Time-->

8.41 8.42 8.43 8.44

8.43

Time-->

8.41 8.42 8.43 8.44



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

Tgt Ion:136 Resp: 272478

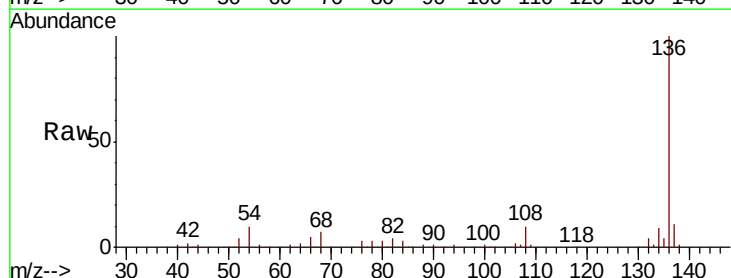
Ion Ratio Lower Upper

136 100

137 11.3 9.6 14.4

54 9.8 7.9 11.9

68 6.5 4.8 7.2

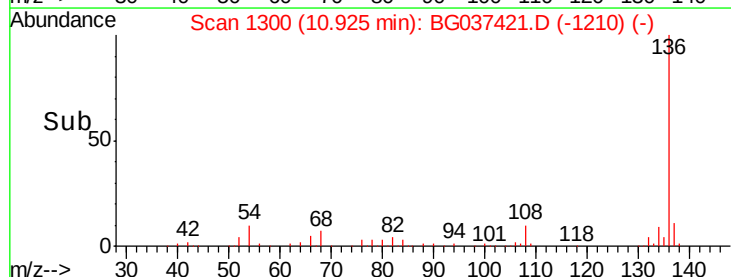


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

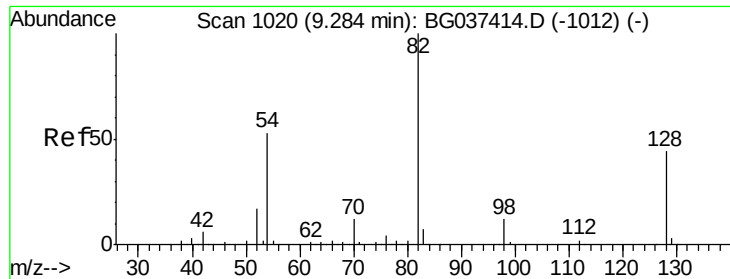
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

Time-->

10.90 10.93 11.00

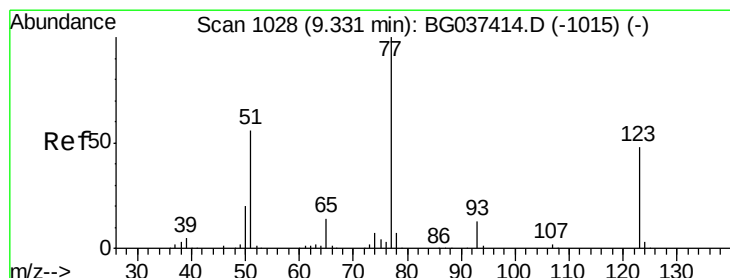
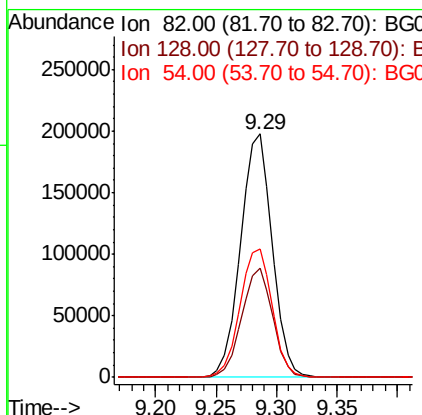
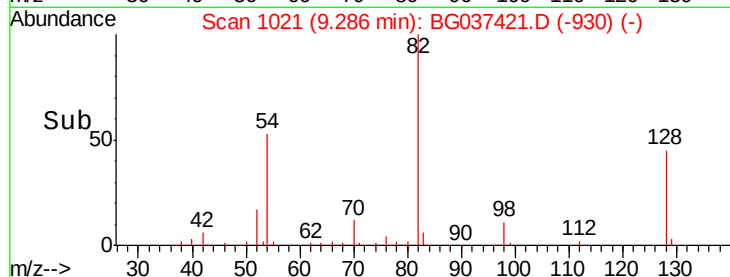
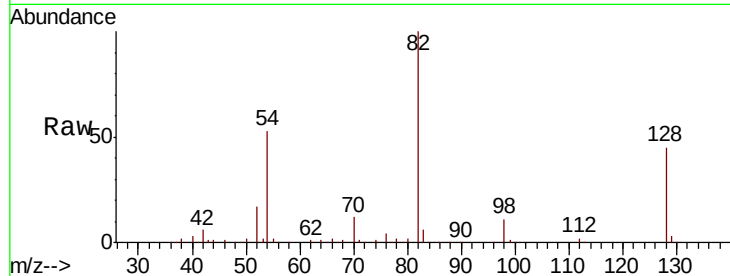
Time-->



#23
 Nitrobenzene-d5
 Concen: 74.618 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG037421.D
 Acq: 18 Oct 2018 16:01

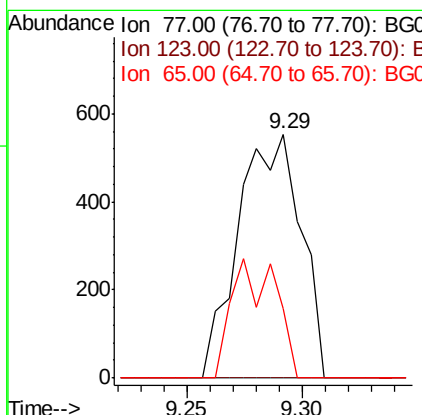
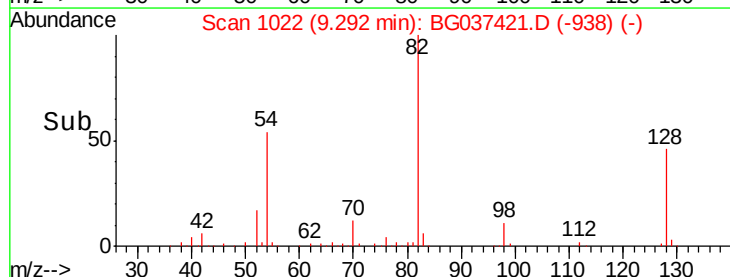
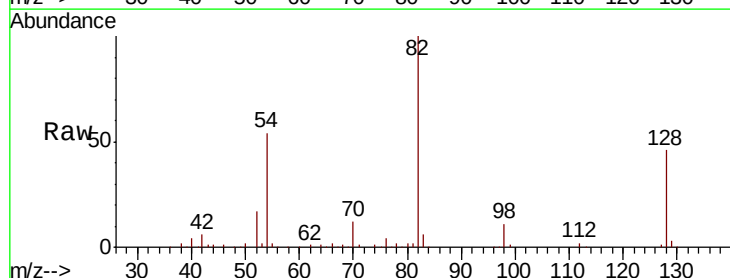
Instrument :
 BNA_G
 ClientSampleId :
 PB113672BL

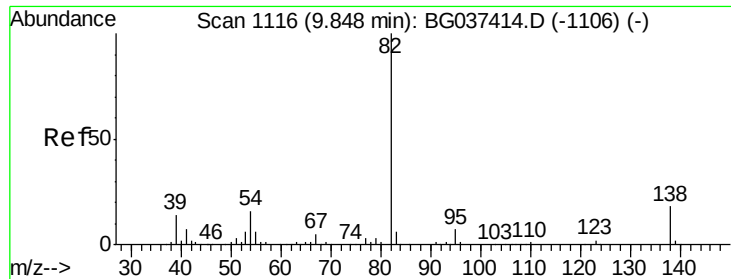
Tot Ion: 82 Resp: 362942
 Ion Ratio Lower Upper
 82 100
 128 44.8 34.6 51.8
 54 52.9 45.3 67.9



#24
 Nitrobenzene
 Concen: 0.206 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.04 min
 Lab File: BG037421.D
 Acq: 18 Oct 2018 16:01

Tgt Ion: 77 Resp: 1040
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.6 50.4#
 65 28.6 11.3 16.9#





#25

Isophorone

Concen: 0.101 ng

RT: 9.39 min Scan# 1038

Delta R.T. -0.46 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

Instrument :

BNA_G

ClientSampleId :

PB113672BL

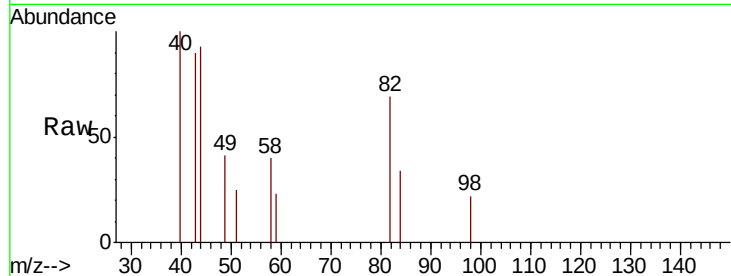
Tot Ion: 82 Resp: 897

Ion Ratio Lower Upper

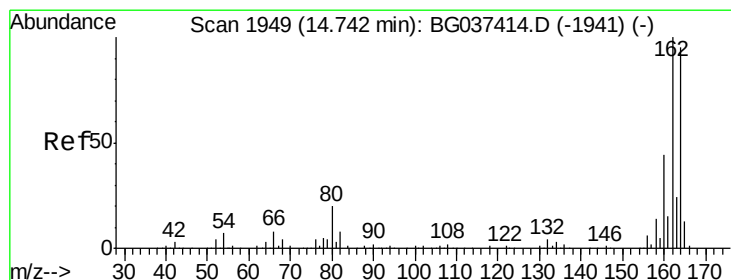
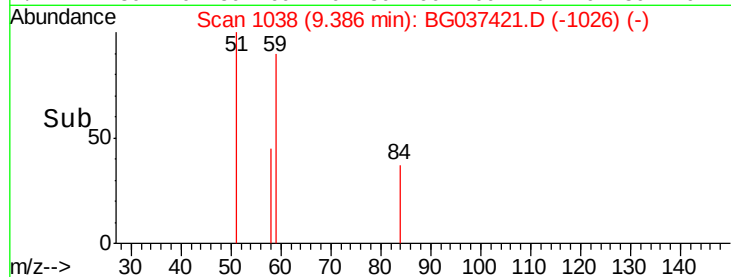
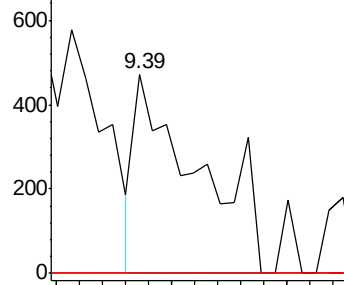
82 100

95 0.0 5.3 7.9#

138 0.0 13.3 19.9#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

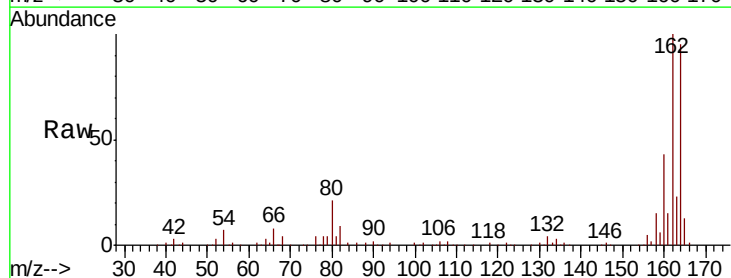
Tgt Ion: 164 Resp: 189944

Ion Ratio Lower Upper

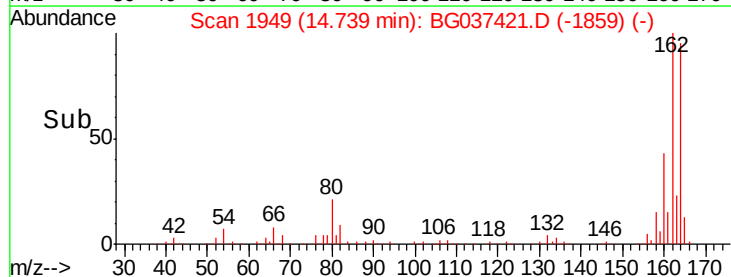
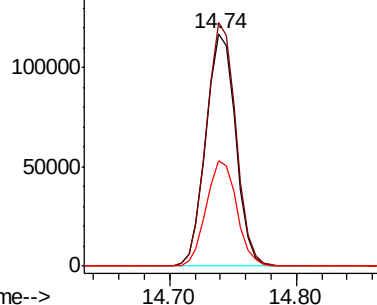
164 100

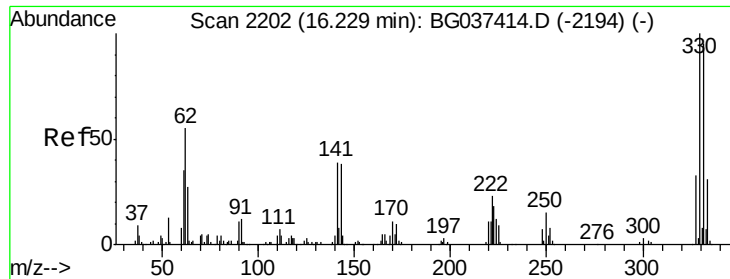
162 104.8 81.3 121.9

160 45.5 36.3 54.5



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

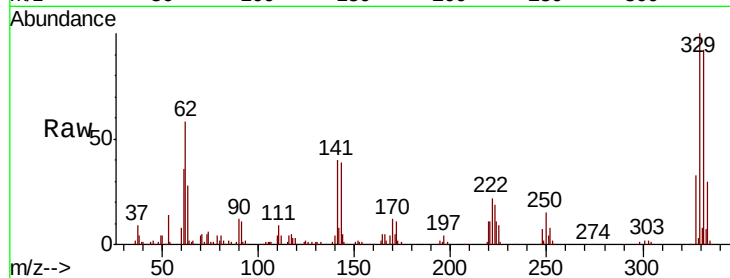




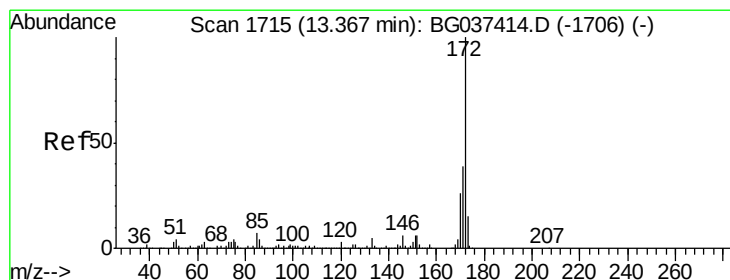
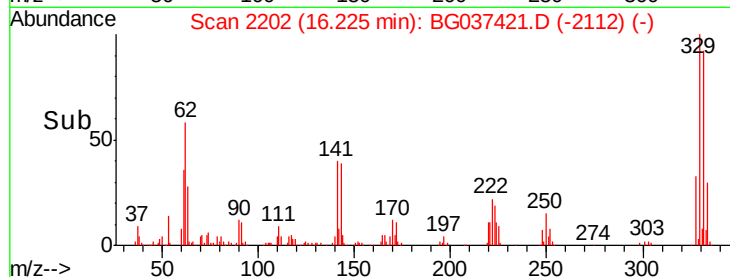
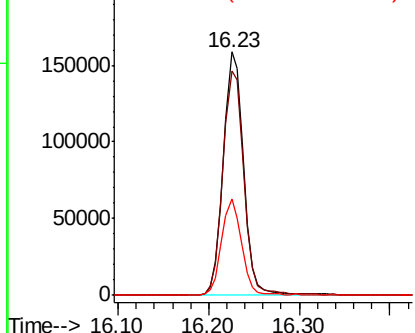
#42
 2,4,6-Tribromophenol
 Concen: 118.954 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG037421.D
 Acq: 18 Oct 2018 16:01

Instrument :
 BNA_G
 ClientSampleId :
 PB113672BL

Tot Ion:330 Resp: 246437
 Ion Ratio Lower Upper
 330 100
 332 94.7 78.4 117.6
 141 39.4 32.2 48.2

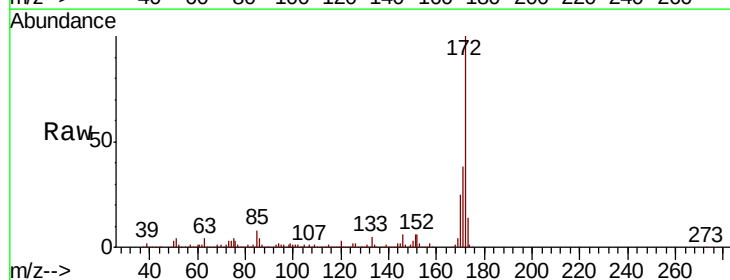


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

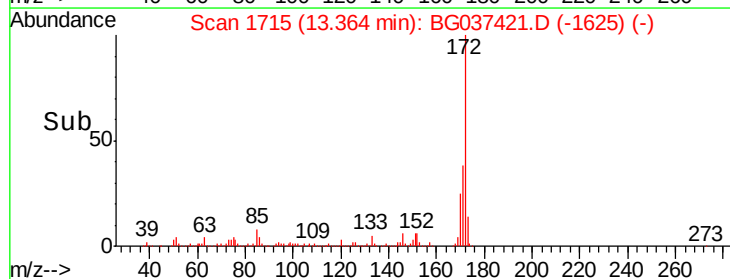
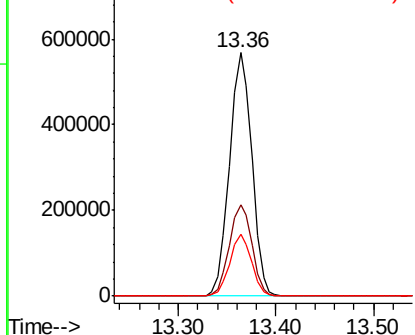


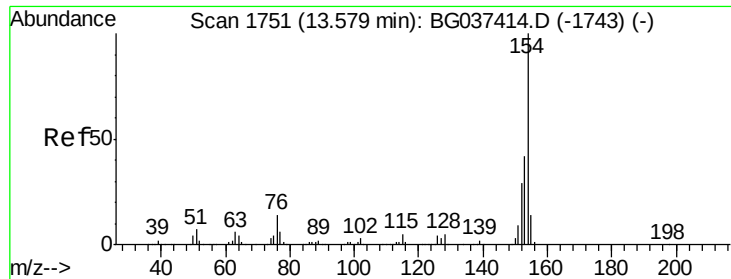
#45
 2-Fluorobiphenyl
 Concen: 71.783 ng
 RT: 13.36 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG037421.D
 Acq: 18 Oct 2018 16:01

Tgt Ion:172 Resp: 904199
 Ion Ratio Lower Upper
 172 100
 171 37.7 31.0 46.4
 170 25.4 20.2 30.2



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





#46

1,1'-Biphenyl

Concen: 0.090 ng

RT: 13.58 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

Instrument :

BNA_G

ClientSampleId :

PB113672BL

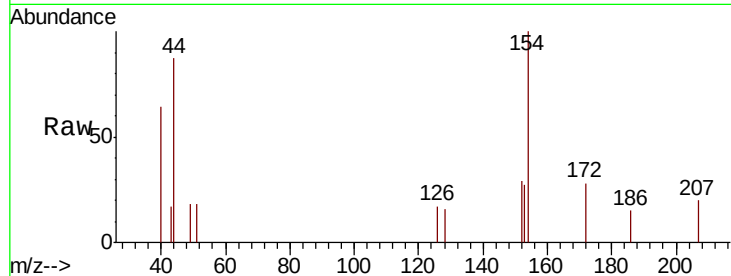
Tot Ion:154 Resp: 1415

Ion Ratio Lower Upper

154 100

153 27.1 22.1 62.1

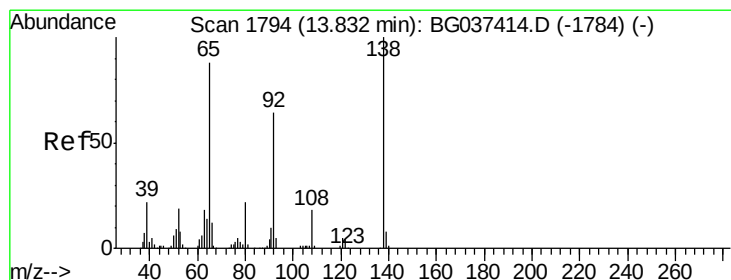
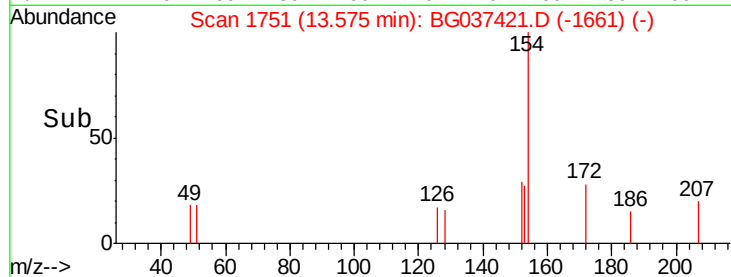
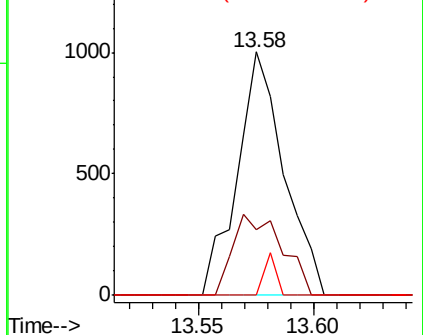
76 0.0 0.0 33.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#48

2-Nitroaniline

Concen: 0.345 ng

RT: 13.36 min Scan# 1715

Delta R.T. -0.47 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

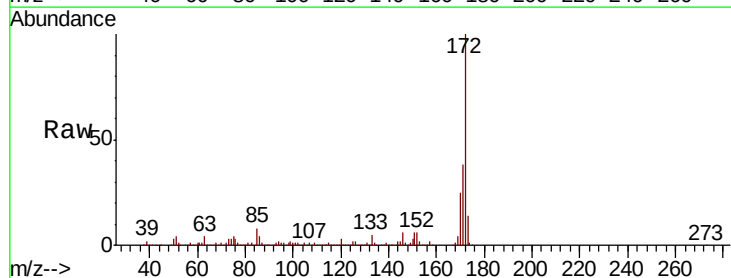
Tgt Ion: 65 Resp: 1245

Ion Ratio Lower Upper

65 100

92 198.0 53.2 79.8#

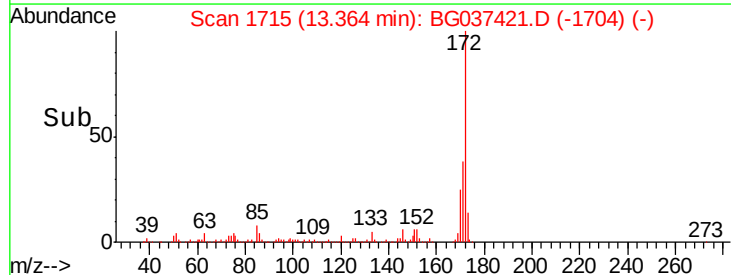
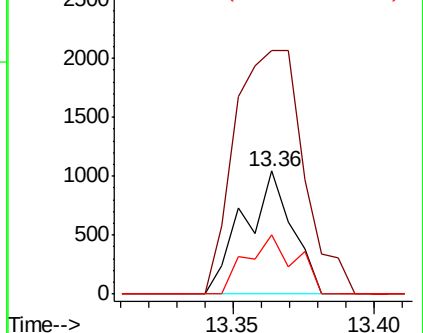
138 48.6 79.3 118.9#

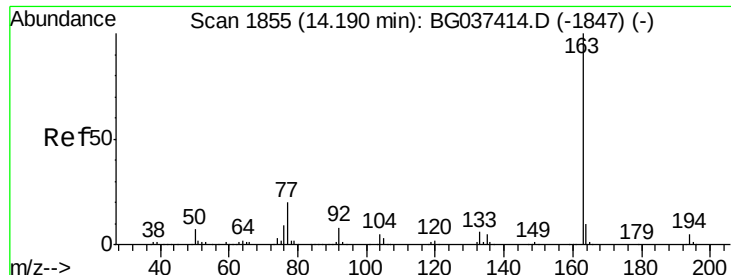


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#50

Dimethylphthalate

Concen: 0.004 ng

RT: 14.19 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

Instrument :

BNA_G

ClientSampleId :

PB113672BL

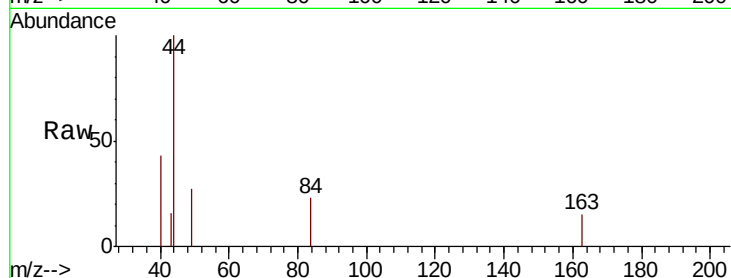
Tot Ion:163 Resp: 53

Ion Ratio Lower Upper

163 100

194 0.0 3.5 5.3#

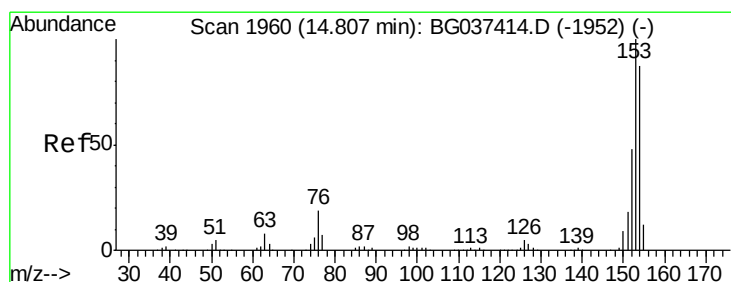
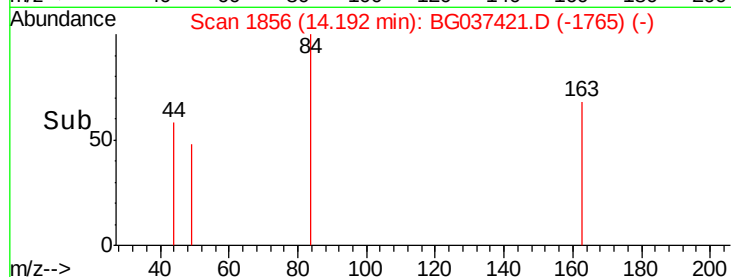
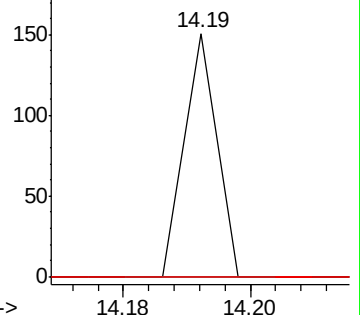
164 0.0 8.5 12.7#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#52

Acenaphthene

Concen: 0.069 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.07 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

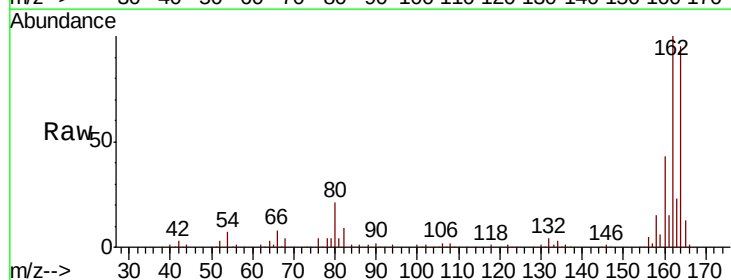
Tgt Ion:154 Resp: 765

Ion Ratio Lower Upper

154 100

153 0.0 93.4 140.0#

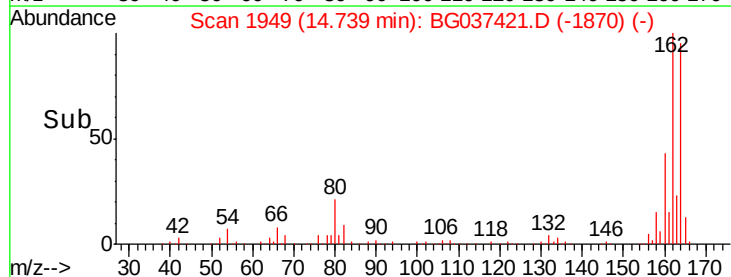
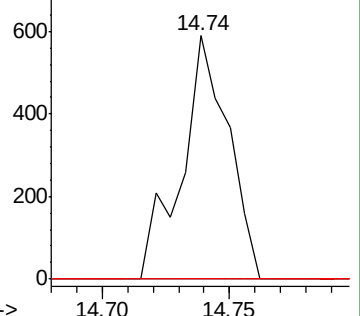
152 0.0 44.7 67.1#

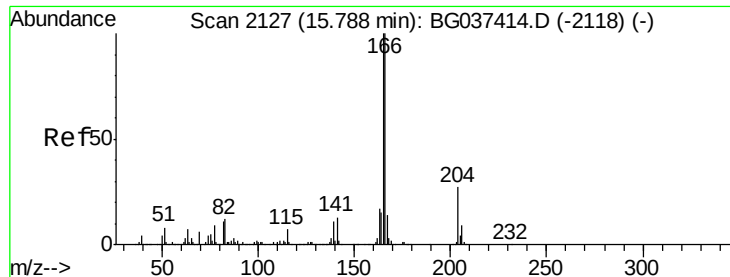


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#58

Fluorene

Concen: 0.838 ng

RT: 16.23 min Scan# 2202

Delta R.T. 0.44 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

Instrument :

BNA_G

ClientSampleId :

PB113672BL

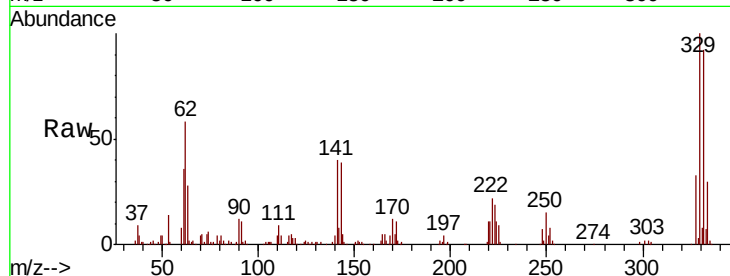
Tot Ion:166 Resp: 11462

Ion Ratio Lower Upper

166 100

165 112.3 79.0 118.6

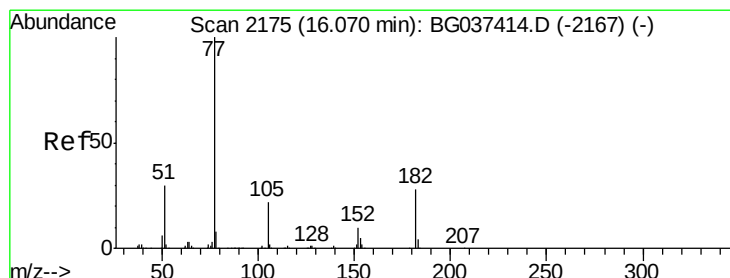
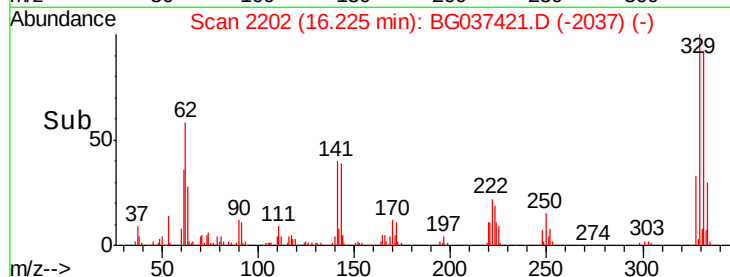
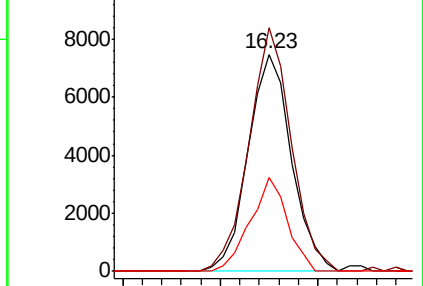
167 43.0 11.3 16.9#



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: 0.086 ng

RT: 16.23 min Scan# 2202

Delta R.T. 0.15 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

Tgt Ion: 77 Resp: 1245

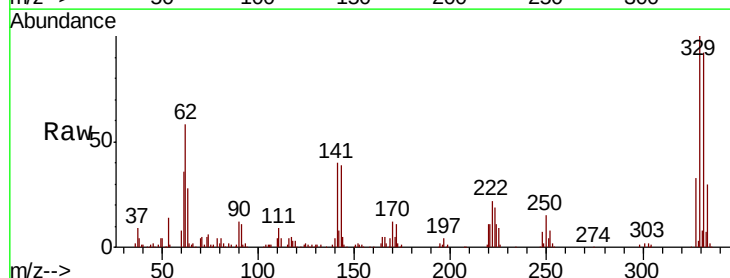
Ion Ratio Lower Upper

77 100

182 0.0 8.0 48.0#

105 111.6 1.3 41.3#

51 88.0 10.7 50.7#

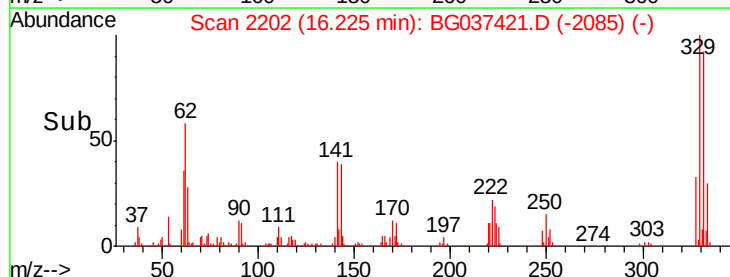
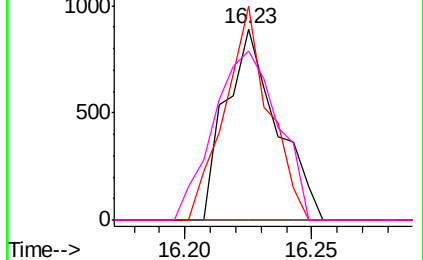


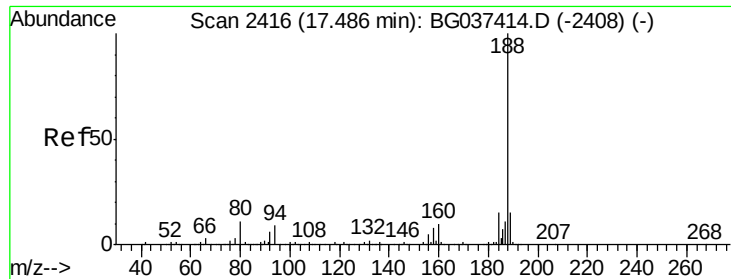
Abundance Ion 77.00 (76.70 to 77.70): BGC

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

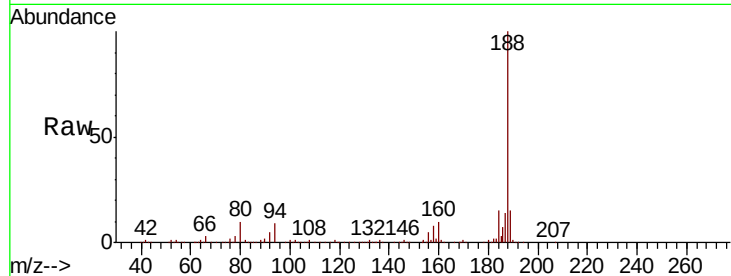




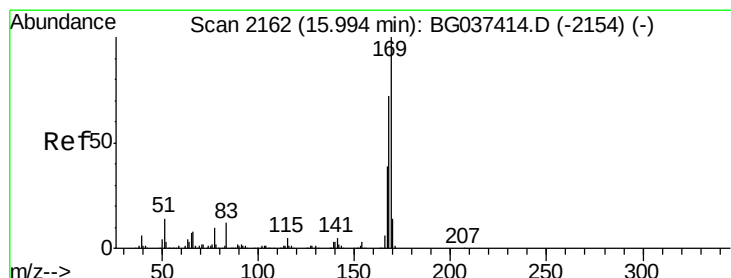
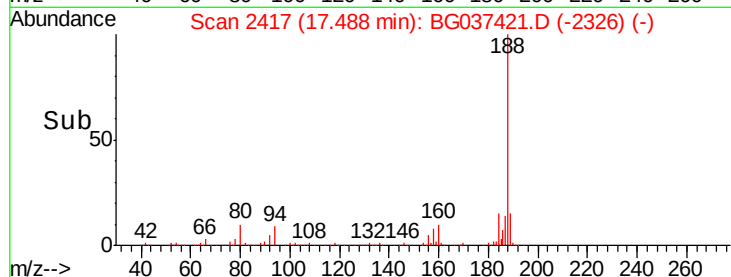
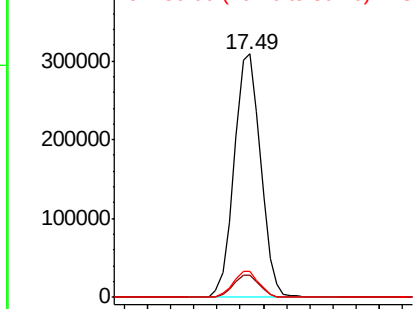
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Instrument :
BNA_G
ClientSampleId :
PB113672BL

Tot Ion:188 Resp: 490278
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.4 7.7 11.5

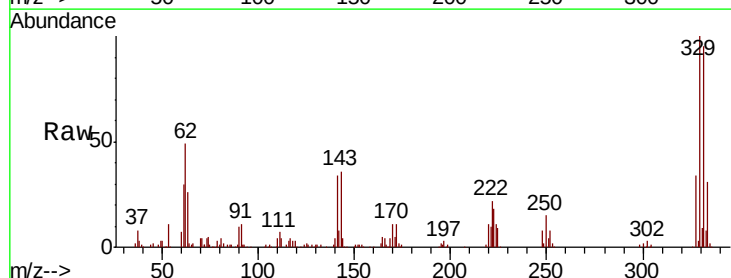


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

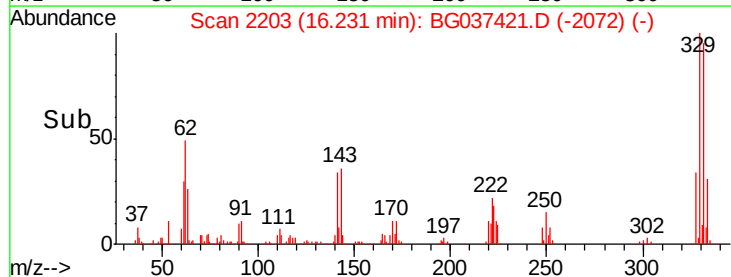
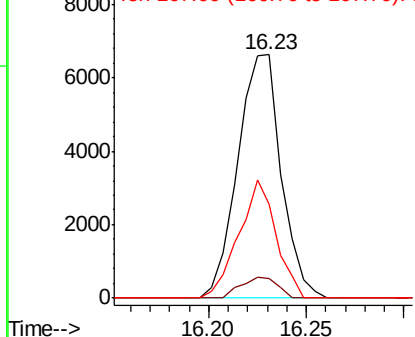


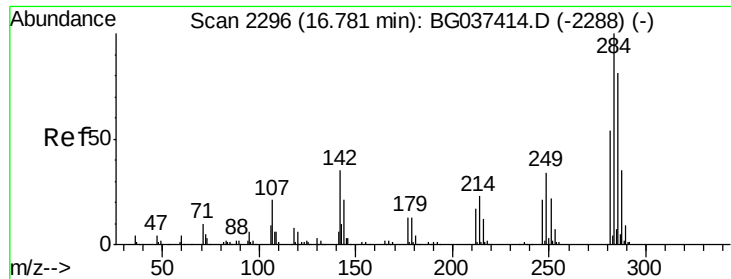
#66
n-Nitrosodiphenylamine
Concen: 0.691 ng
RT: 16.23 min Scan# 2203
Delta R.T. 0.24 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion:169 Resp: 10186
Ion Ratio Lower Upper
169 100
168 8.2 55.7 83.5#
167 46.7 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





#68

Hexachlorobenzene

Concen: 0.010 ng

RT: 16.28 min Scan# 2211

Delta R.T. -0.50 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

Instrument :

BNA_G

ClientSampleId :

PB113672BL

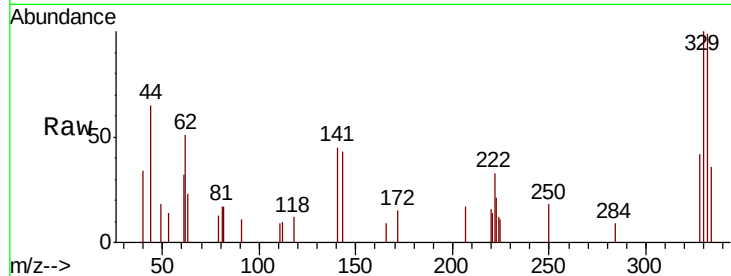
Tot Ion:284 Resp: 54

Ion Ratio Lower Upper

284 100

142 0.0 28.1 42.1#

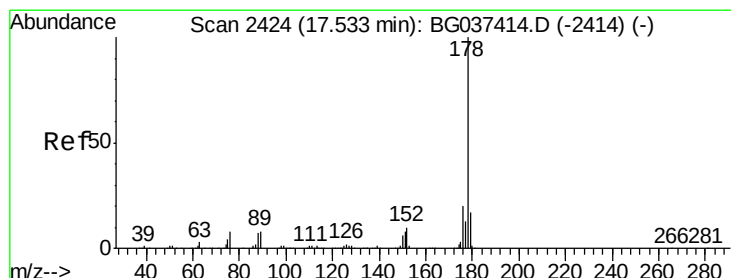
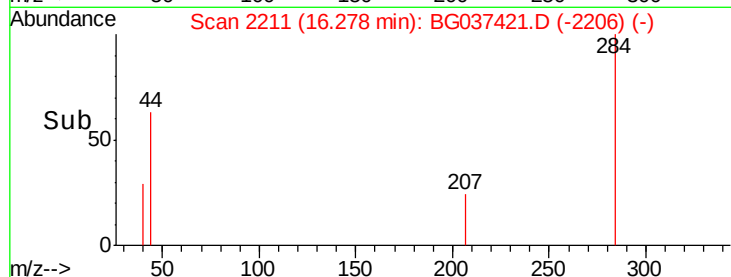
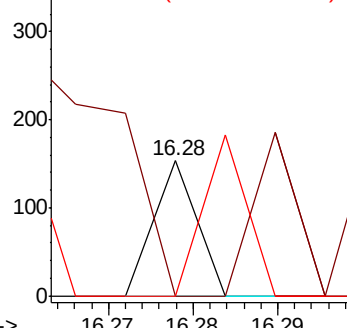
249 0.0 29.8 44.8#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#71

Phenanthrene

Concen: 0.006 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.04 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

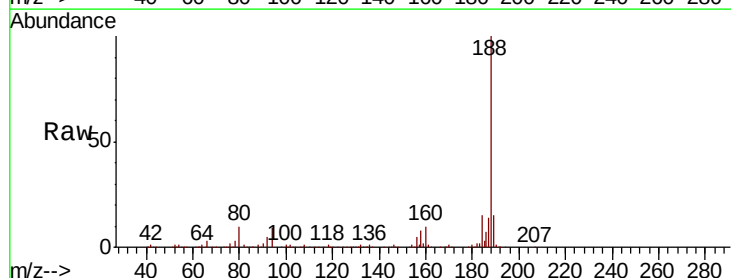
Tgt Ion:178 Resp: 156

Ion Ratio Lower Upper

178 100

176 0.0 16.1 24.1#

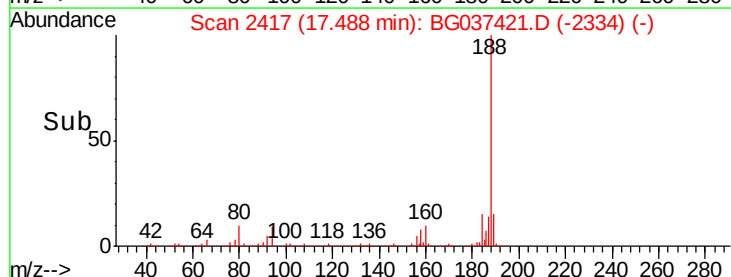
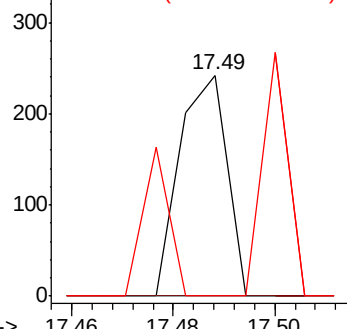
179 0.0 13.0 19.4#

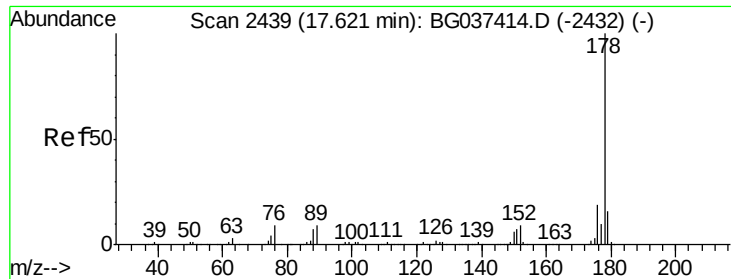


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.006 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.13 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

Instrument :

BNA_G

ClientSampleId :

PB113672BL

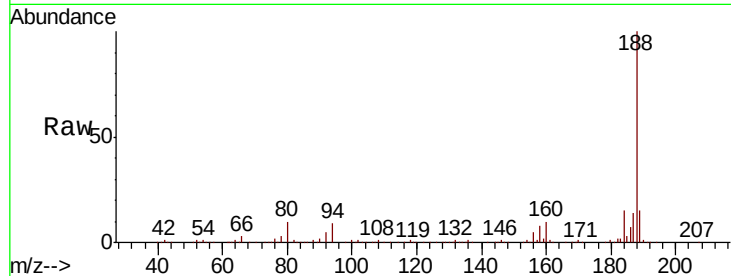
Tot Ion:178 Resp: 156

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.4#

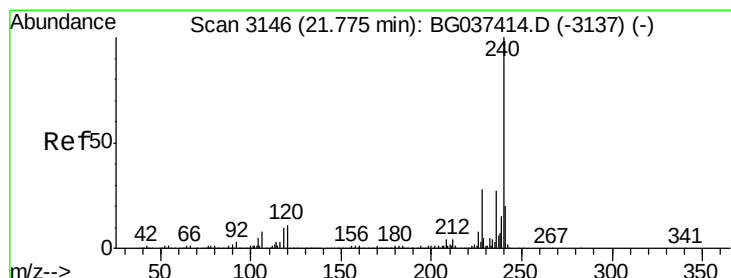
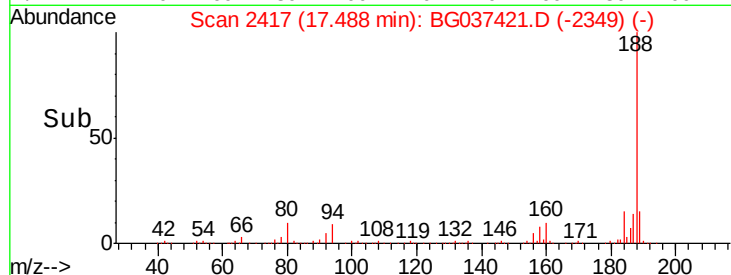
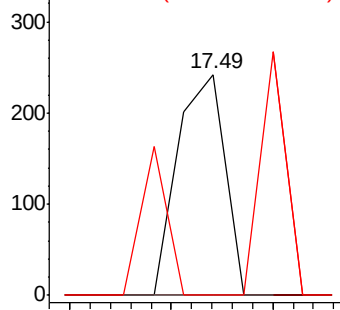
179 0.0 12.8 19.2#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

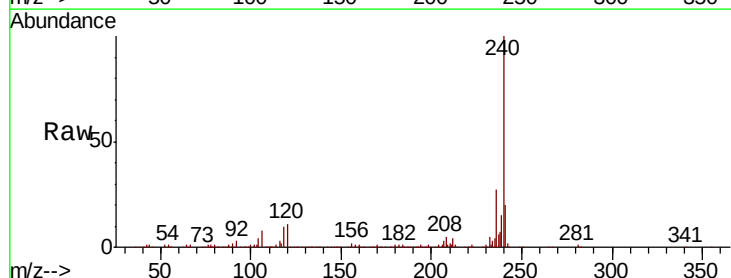
Tgt Ion:240 Resp: 465263

Ion Ratio Lower Upper

240 100

120 10.8 8.1 12.1

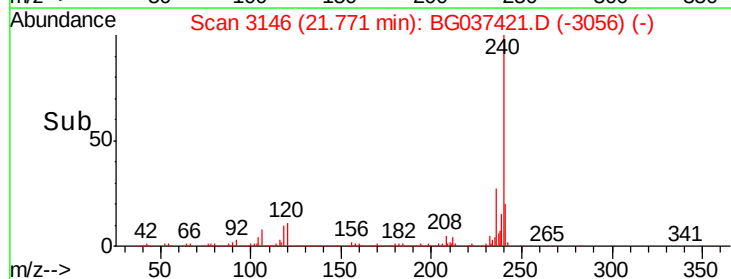
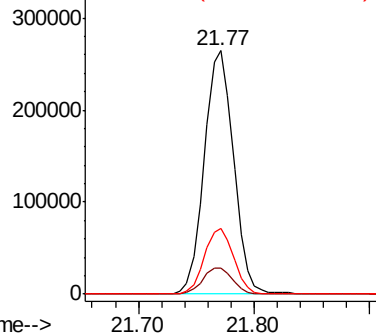
236 27.2 21.4 32.0

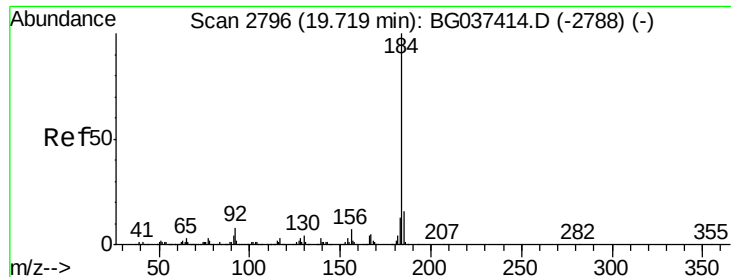


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.568 ng

RT: 20.09 min Scan# 2859

Delta R.T. 0.37 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

Instrument :

BNA_G

ClientSampleId :

PB113672BL

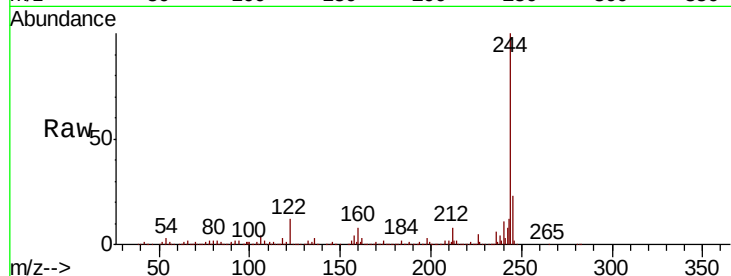
Tot Ion:184 Resp: 24805

Ion Ratio Lower Upper

184 100

185 19.6 12.6 18.8#

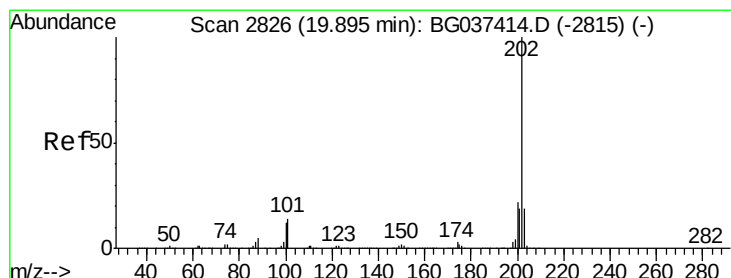
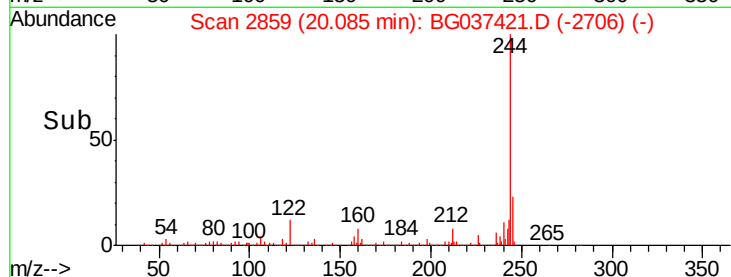
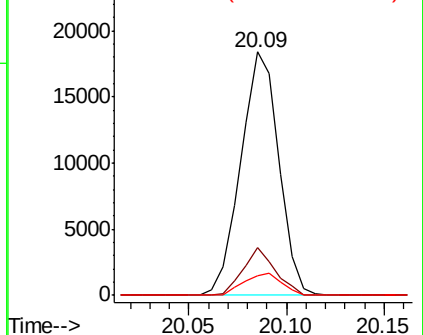
183 7.9 10.2 15.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.190 ng

RT: 20.09 min Scan# 2860

Delta R.T. 0.20 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

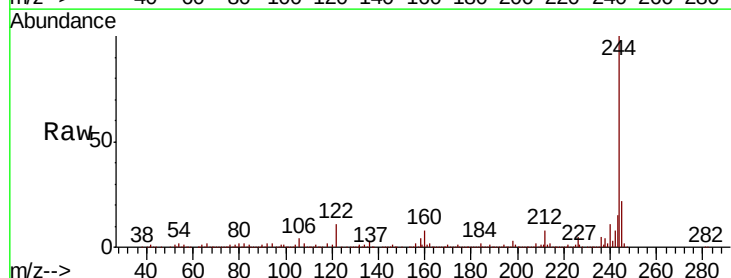
Tgt Ion:202 Resp: 5780

Ion Ratio Lower Upper

202 100

200 42.3 17.8 26.6#

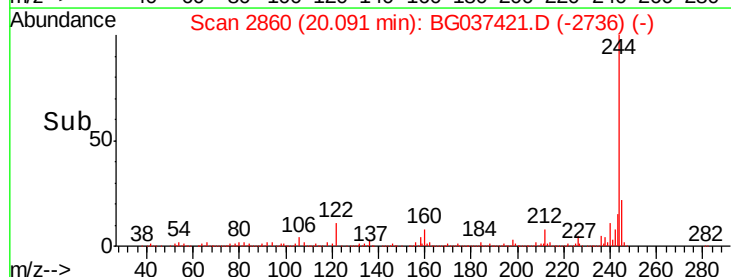
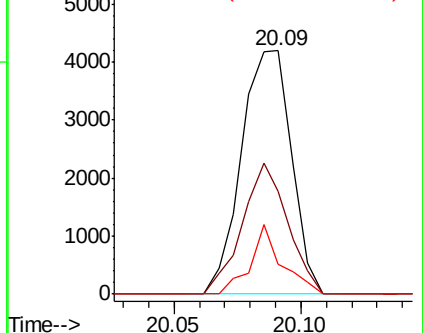
203 12.0 15.2 22.8#

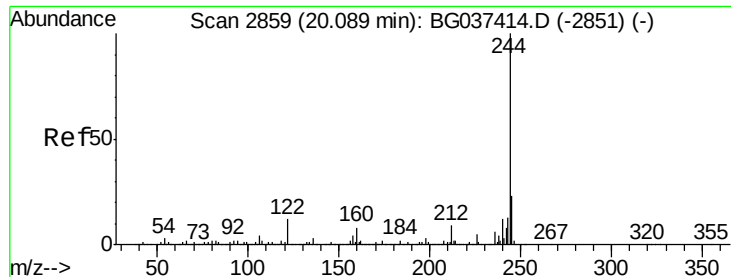


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.432 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

Instrument :

BNA_G

ClientSampleId :

PB113672BL

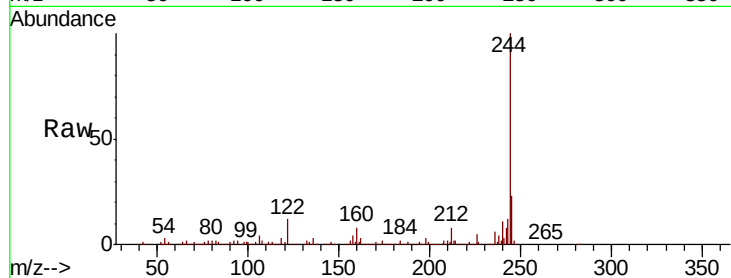
Tot Ion:244 Resp: 1533604

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

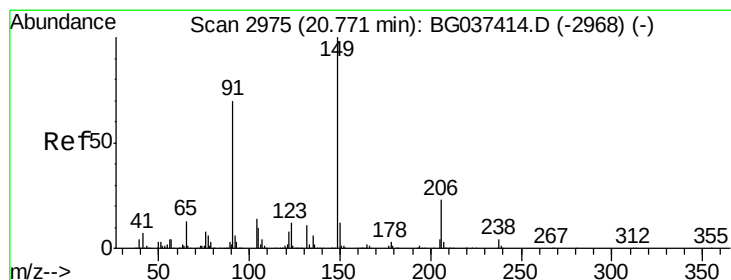
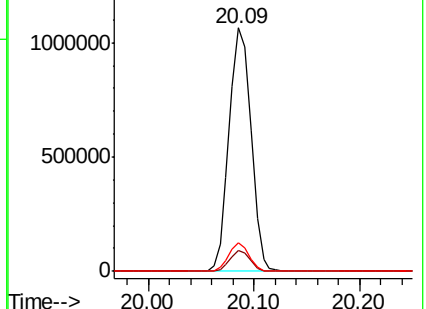
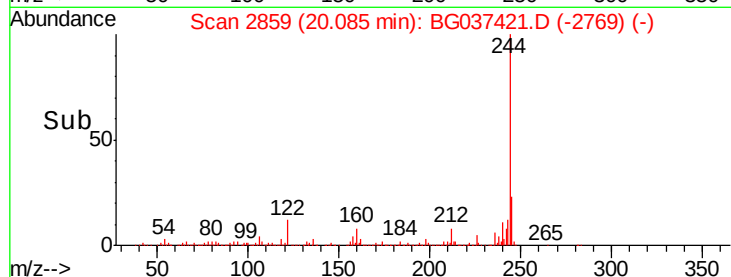
122 11.7 9.0 13.4



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: 20.82 min Scan# 2984

Delta R.T. 0.05 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

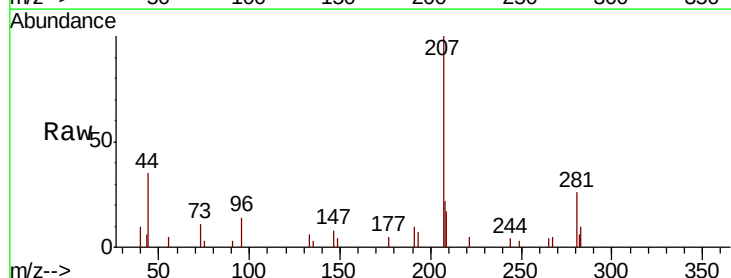
Tgt Ion:149 Resp: 73

Ion Ratio Lower Upper

149 100

91 78.3 57.0 85.4

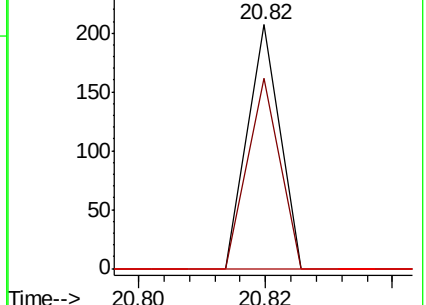
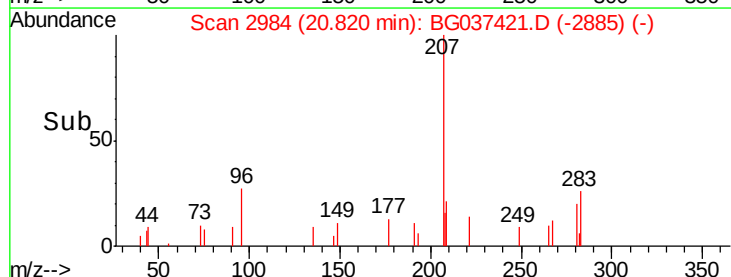
206 0.0 17.8 26.6#

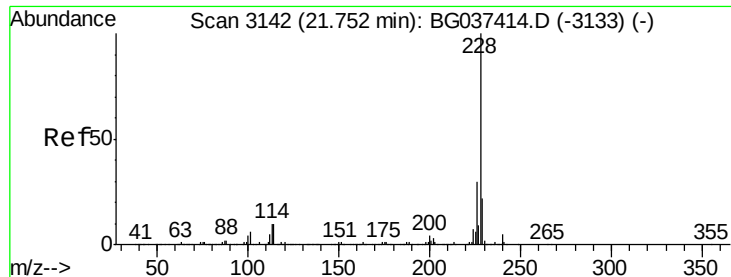


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.052 ng

RT: 21.77 min Scan# 3145

Delta R.T. 0.01 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

Instrument :

BNA_G

ClientSampleId :

PB113672BL

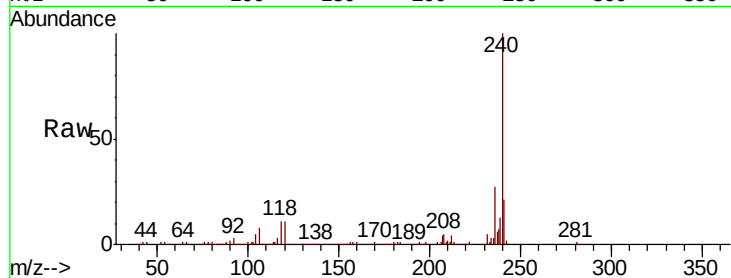
Tot Ion:228 Resp: 1440

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

229 19.1 16.3 24.5

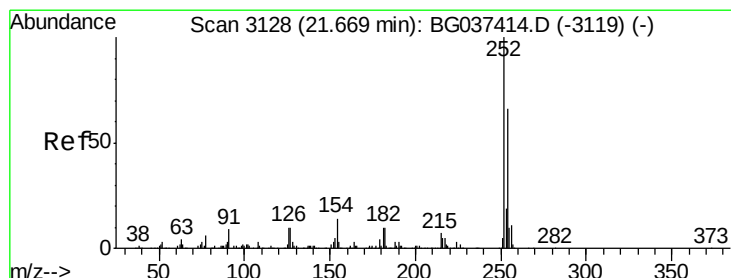
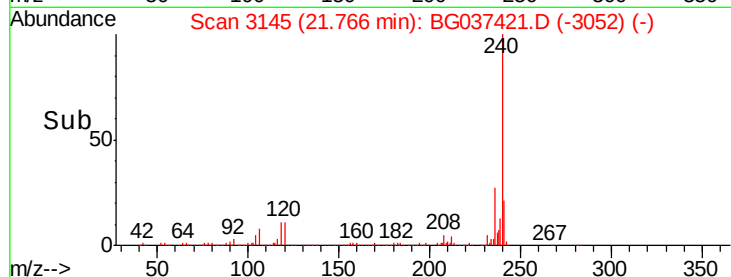
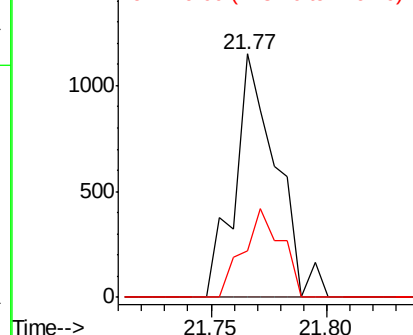


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 0.006 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

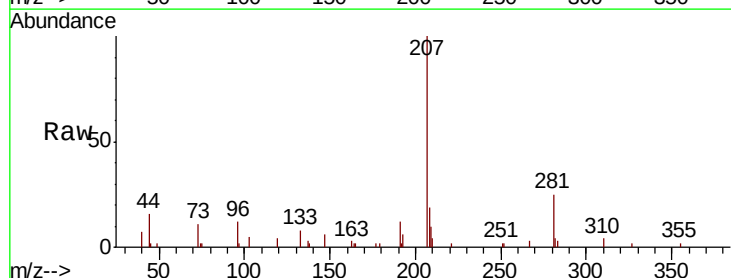
Tgt Ion:252 Resp: 64

Ion Ratio Lower Upper

252 100

254 0.0 52.0 78.0#

126 0.0 8.2 12.4#

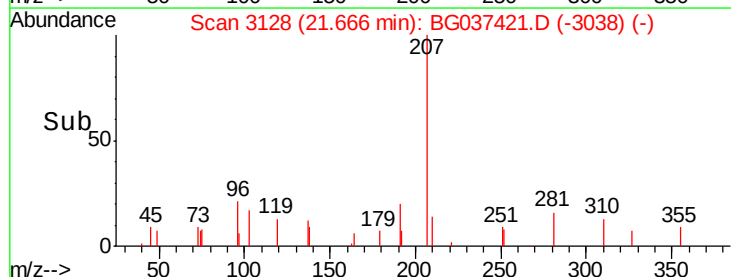
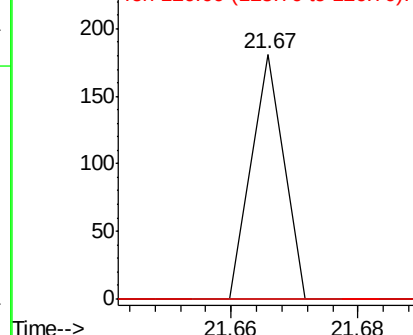


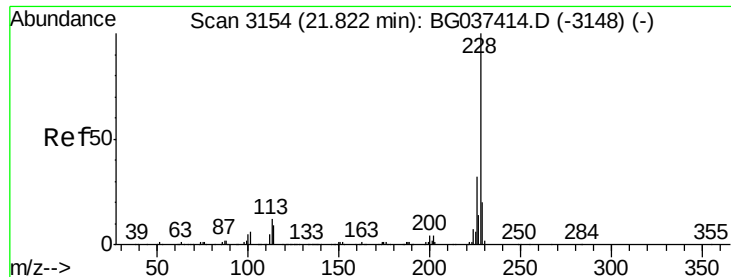
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.054 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.06 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

Instrument :

BNA_G

ClientSampleId :

PB113672BL

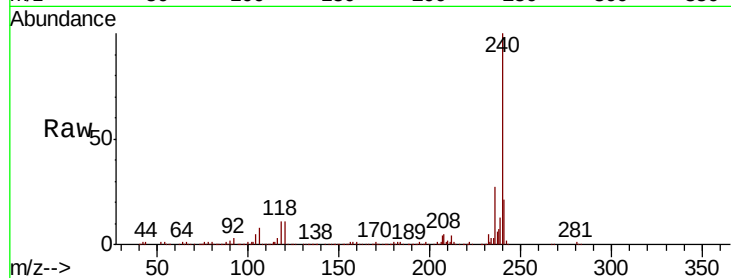
Tot Ion:228 Resp: 1440

Ion Ratio Lower Upper

228 100

226 0.0 25.7 38.5#

229 19.1 16.5 24.7

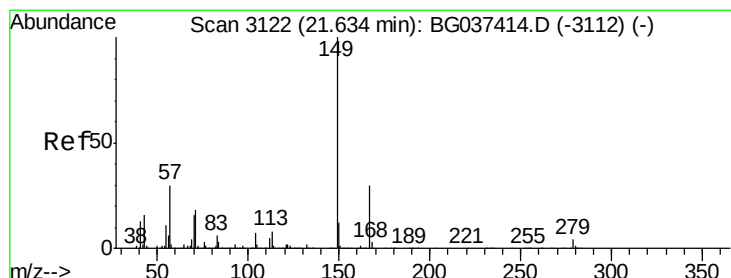
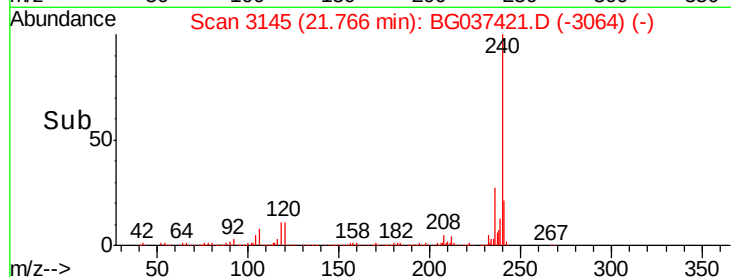
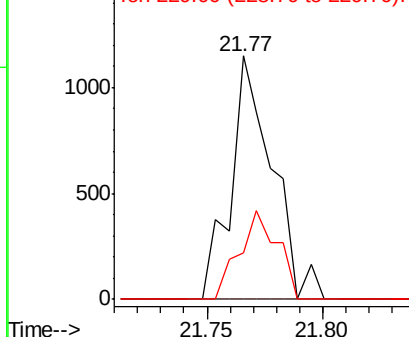


Abundance

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: 0.016 ng

RT: 21.62 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

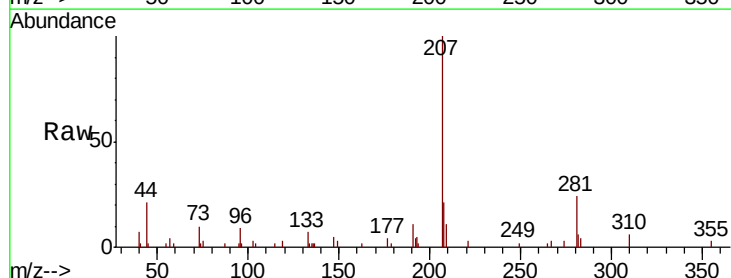
Tgt Ion:149 Resp: 271

Ion Ratio Lower Upper

149 100

167 0.0 23.0 34.4#

279 0.0 3.6 5.4#

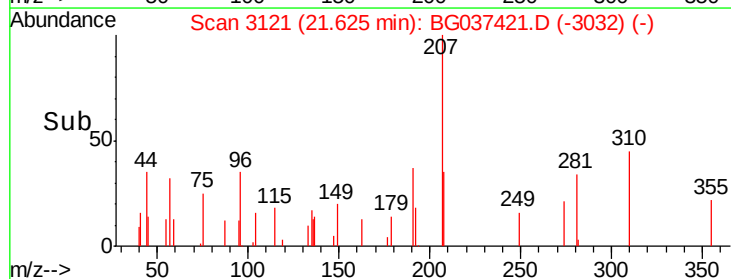
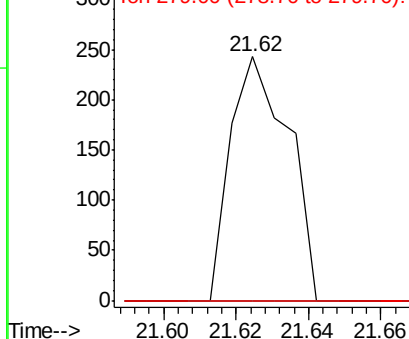


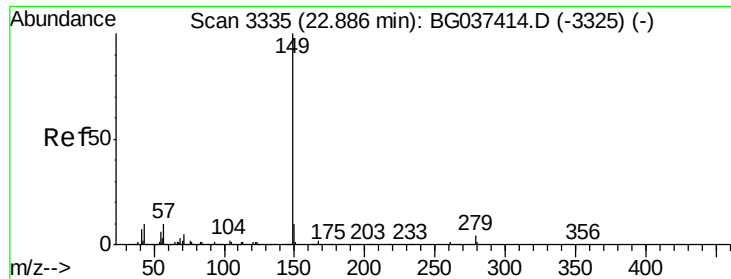
Abundance

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: 0.002 ng

RT: 22.89 min Scan# 3336

Delta R.T. 0.00 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

Instrument :

BNA_G

ClientSampleId :

PB113672BL

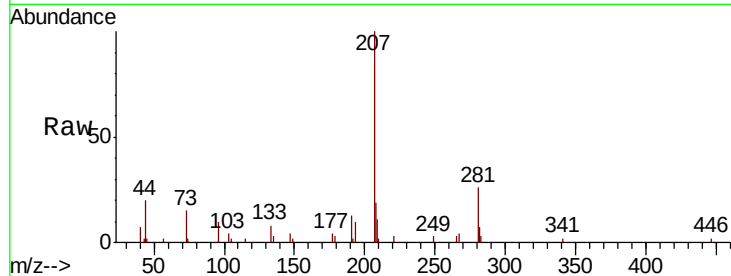
Tot Ion:149 Resp: 59

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

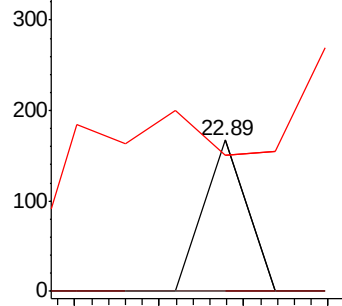
43 0.0 8.7 13.1#



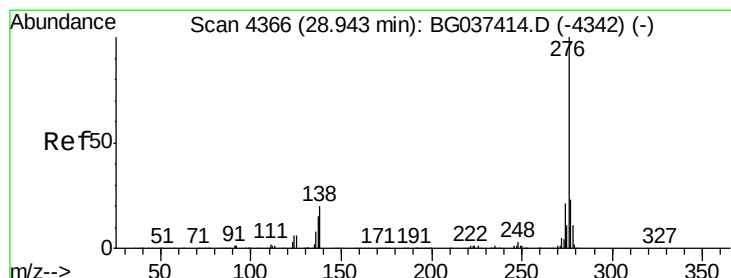
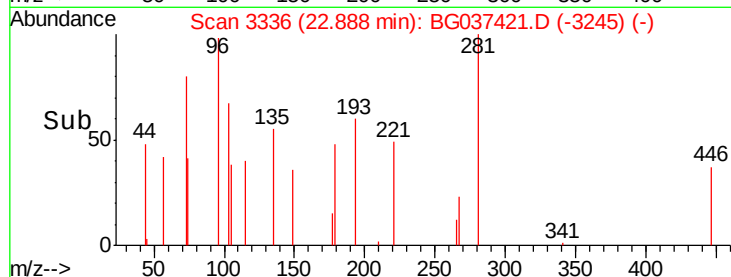
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.002 ng

RT: 29.13 min Scan# 4398

Delta R.T. 0.18 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

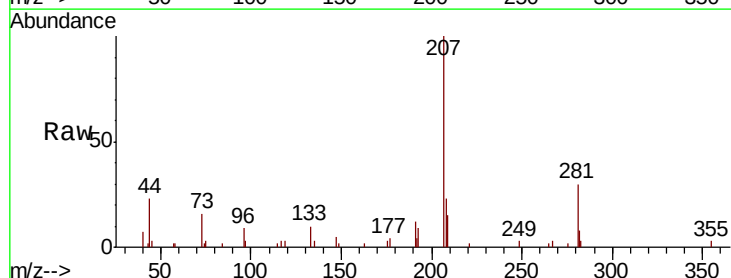
Tgt Ion:276 Resp: 59

Ion Ratio Lower Upper

276 100

138 0.0 12.0 18.0#

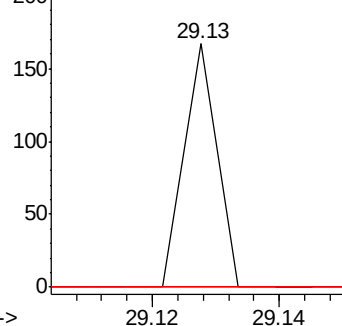
277 0.0 20.6 30.8#



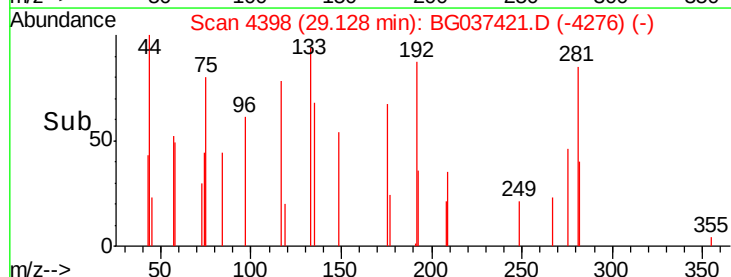
Abundance Ion 276.00 (275.70 to 276.70): E

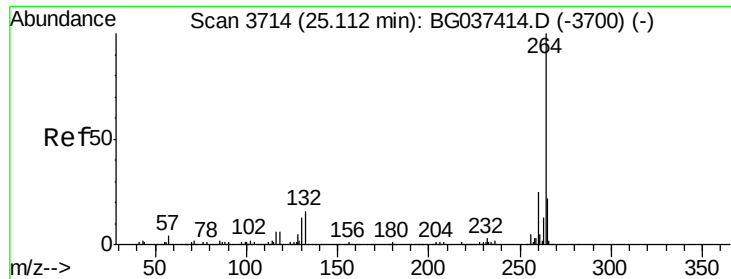
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3714

Delta R.T. -0.00 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

Instrument :

BNA_G

ClientSampleId :

PB113672BL

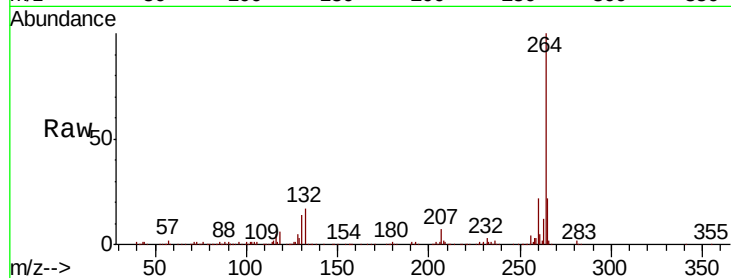
Tot Ion:264 Resp: 453692

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.4

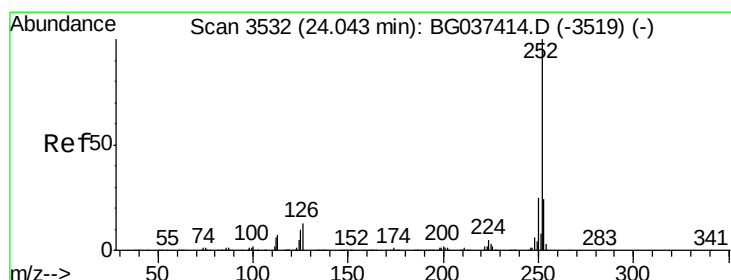
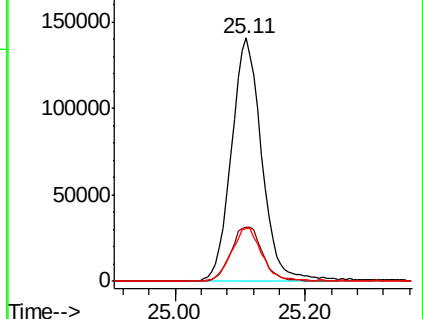
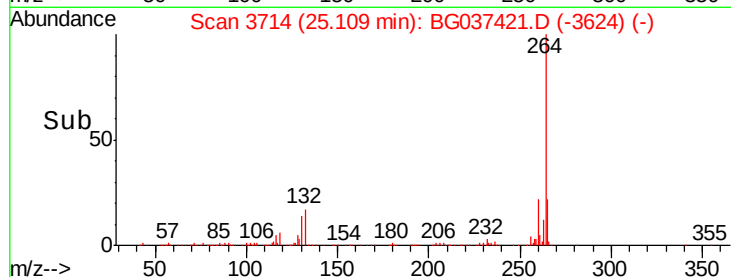
265 21.5 17.9 26.9



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: 24.05 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

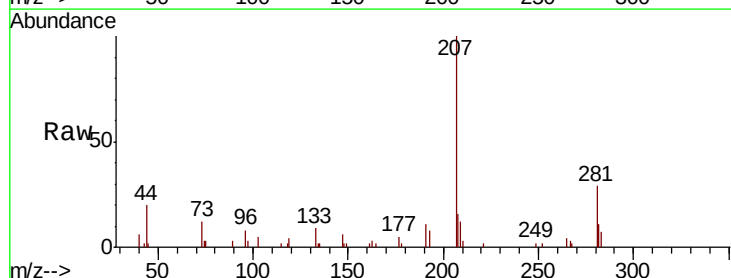
Tgt Ion:252 Resp: 66

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.2#

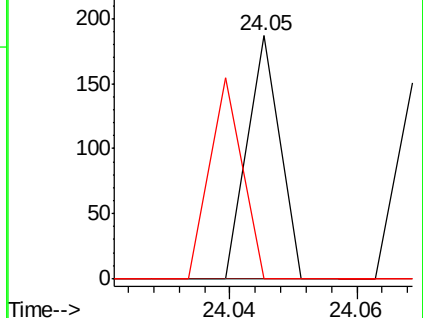
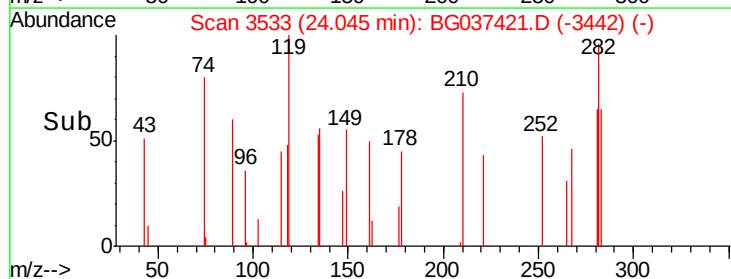
125 0.0 7.8 11.6#

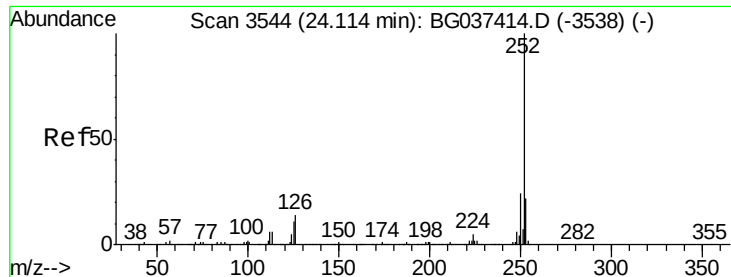


Abundance Ion 252.00 (251.70 to 252.70): E

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: 24.12 min Scan# 3546

Delta R.T. 0.01 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

Instrument :

BNA_G

ClientSampleId :

PB113672BL

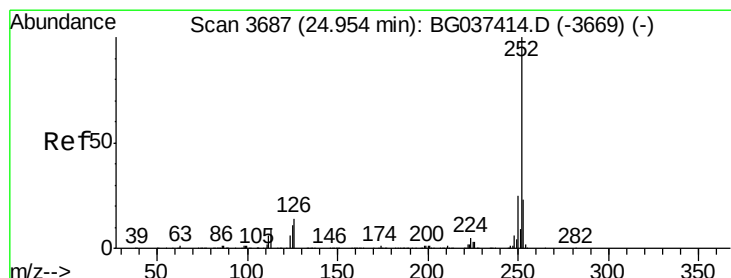
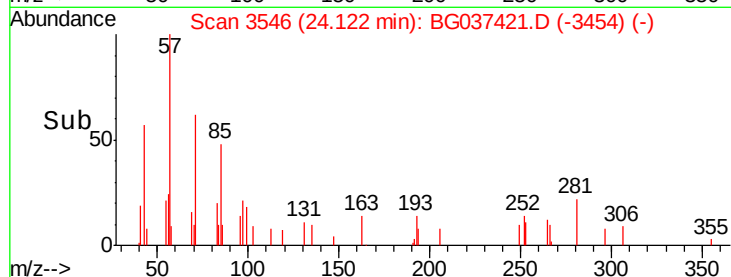
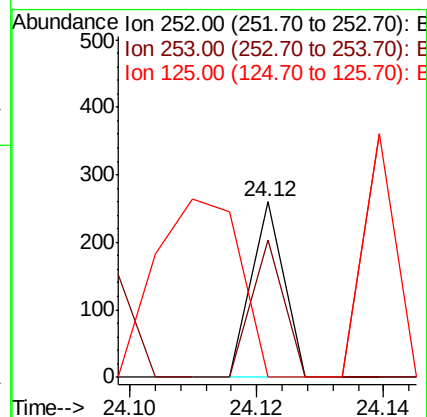
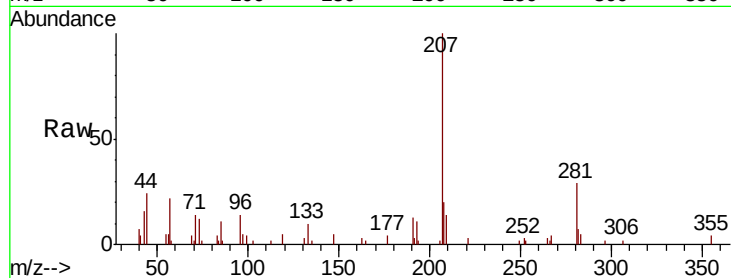
Tot Ion:252 Resp: 92

Ion Ratio Lower Upper

252 100

253 78.1 17.4 26.2#

125 0.0 7.4 11.0#



#90

Benzo(a)pyrene

Concen: 0.003 ng

RT: 24.96 min Scan# 3689

Delta R.T. 0.01 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

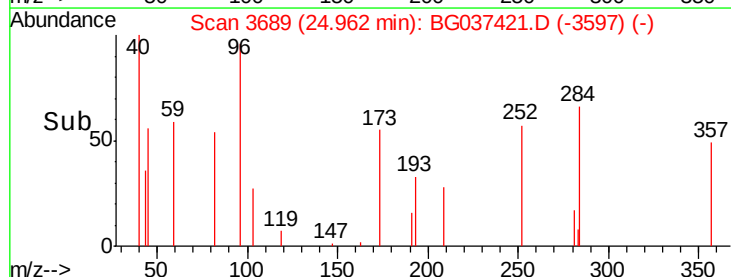
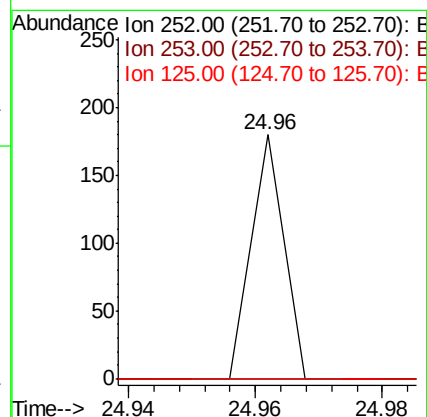
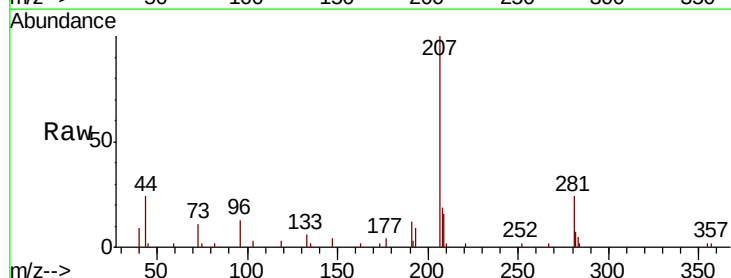
Tgt Ion:252 Resp: 63

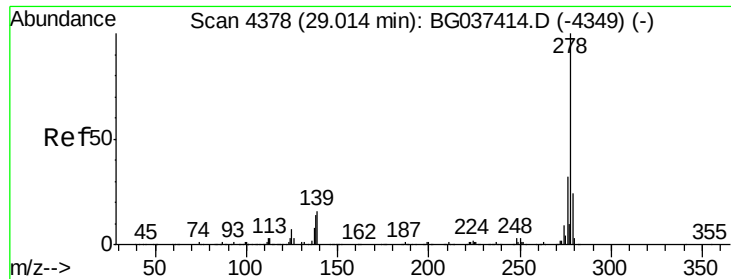
Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

125 0.0 9.0 13.6#





#91

Dibenzo(a,h)anthracene

Concen: 0.003 ng

RT: 29.00 min Scan# 4376

Delta R.T. -0.02 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

Instrument :

BNA_G

ClientSampleId :

PB113672BL

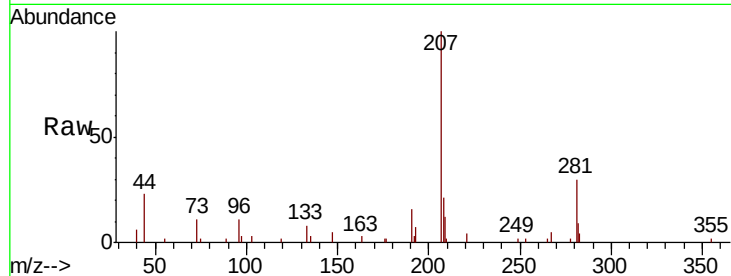
Tot Ion:278 Resp: 75

Ion Ratio Lower Upper

278 100

139 0.0 11.5 17.3#

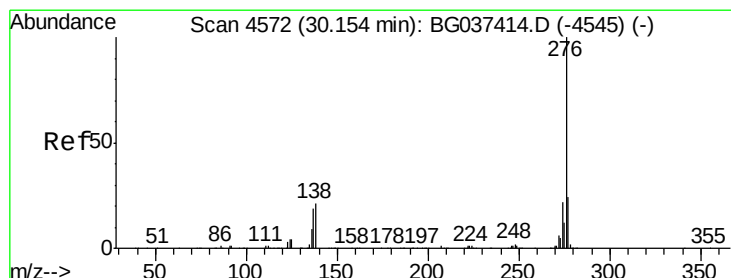
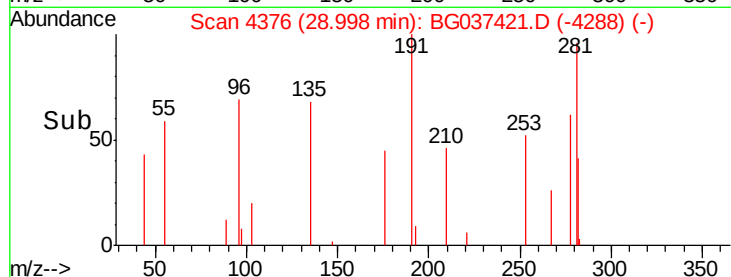
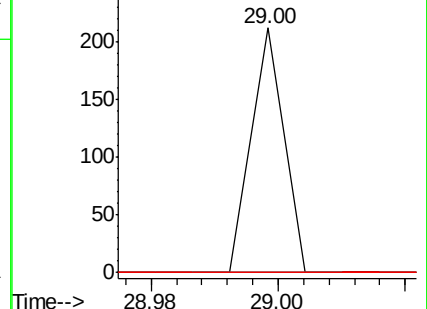
279 0.0 18.6 27.8#



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: 0.002 ng

RT: 30.14 min Scan# 4570

Delta R.T. -0.02 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

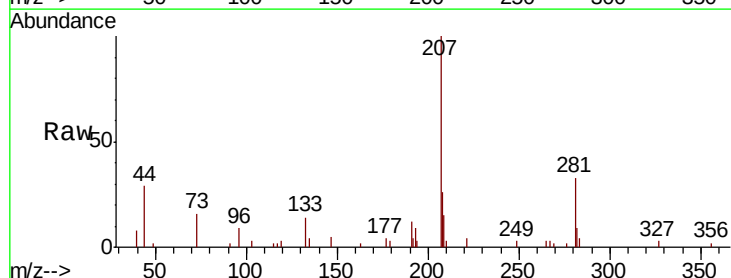
Tgt Ion:276 Resp: 55

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

