

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG020518\
 Data File : BG032562.D
 Acq On : 6 Feb 2018 8:47
 Operator : SJ/JU
 Sample : PB106300BL
 Misc : MDL8PPM
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106300BL

Quant Time: Feb 06 10:16:24 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	18635	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	90425	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	64788	20.00	ng	-0.01
63) Phenanthrene-d10	18.07	188	178832	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	237382	20.00	ng	-0.02
86) Perylene-d12	26.07	264	261981	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.15	112	133166	143.53	ng	0.00
7) Phenol-d6	7.83	99	147812	119.39	ng	0.00
23) Nitrobenzene-d5	9.91	82	87561	60.48	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	129377	104.91	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	430059	78.90	ng	-0.02
78) Terphenyl-d14	20.61	244	902318	81.42	ng	-0.01

Target Compounds

						Qvalue
3) Pyridine	3.85	79	55	0.065	ng	# 15
4) n-Nitrosodimethylamine	4.05	42	61	0.139	ng	# 1
6) Aniline	8.23	93	53	0.034	ng	# 1
8) 2-Chlorophenol	8.22	128	61	0.056	ng	# 1
9) Benzaldehyde	7.82	77	125	0.195	ng	# 5
10) Phenol	8.22	94	145	0.123	ng	# 1
11) bis(2-Chloroethyl)ether	8.23	93	53	0.059	ng	# 1
15) Benzyl Alcohol	9.05	79	1697	1.663	ng	# 46
17) 2-Methylphenol	9.35	107	56	0.059	ng	# 13
19) n-Nitroso-di-n-propylamine	9.91	70	12435	15.148	ng	# 74
20) 3+4-Methylphenols	9.35	107	56	0.042	ng	# 24
24) Nitrobenzene	9.92	77	55	0.039	ng	# 42
25) Isophorone	10.20	82	195	0.079	ng	# 69
45) 1,1'-Biphenyl	14.18	154	449	0.082	ng	# 43
47) 2-Nitroaniline	13.96	65	555	0.585	ng	# 1
50) 2,6-Dinitrotoluene	15.33	165	8646	6.896	ng	# 18
51) Acenaphthene	15.36	154	73	0.016	ng	# 5
52) 3-Nitroaniline	14.95	138	57	0.052	ng	# 1
56) 2,4-Dinitrotoluene	15.33	165	8646	4.843	ng	# 16
57) Fluorene	16.82	166	3238	0.585	ng	# 67
62) Azobenzene	16.82	77	178	0.051	ng	# 9
64) 4,6-Dinitro-2-methylphenol	16.09	198	61	0.046	ng	# 29
65) n-Nitrosodiphenylamine	16.82	169	3416	0.640	ng	# 40
66) 4-Bromophenyl-phenylether	16.82	248	10396	3.924	ng	# 1
70) Phenanthrene	18.07	178	76	0.008	ng	# 60
71) Anthracene	18.07	178	76	0.008	ng	# 59
73) Di-n-butylphthalate	18.98	149	69	0.007	ng	# 78
76) Benzidine	20.61	184	12355	2.651	ng	# 95
77) Pyrene	20.61	202	3211	0.221	ng	# 77
79) Butylbenzylphthalate	21.20	149	55	0.012	ng	# 20
80) Benzo(a)anthracene	22.40	228	879	0.060	ng	# 50
81) 3,3'-Dichlorobenzidine	22.61	252	55	0.010	ng	# 26
82) Chrysene	22.40	228	879	0.062	ng	# 49
83) Bis(2-ethylhexyl)phthalate	22.20	149	65	0.010	ng	# 50

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG020518\
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Acq On : 6 Feb 2018 8:47
Operator : SJ/JU
Sample : PB106300BL
Misc : MDL8PPM
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB106300BL

Quant Time: Feb 06 10:16:24 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

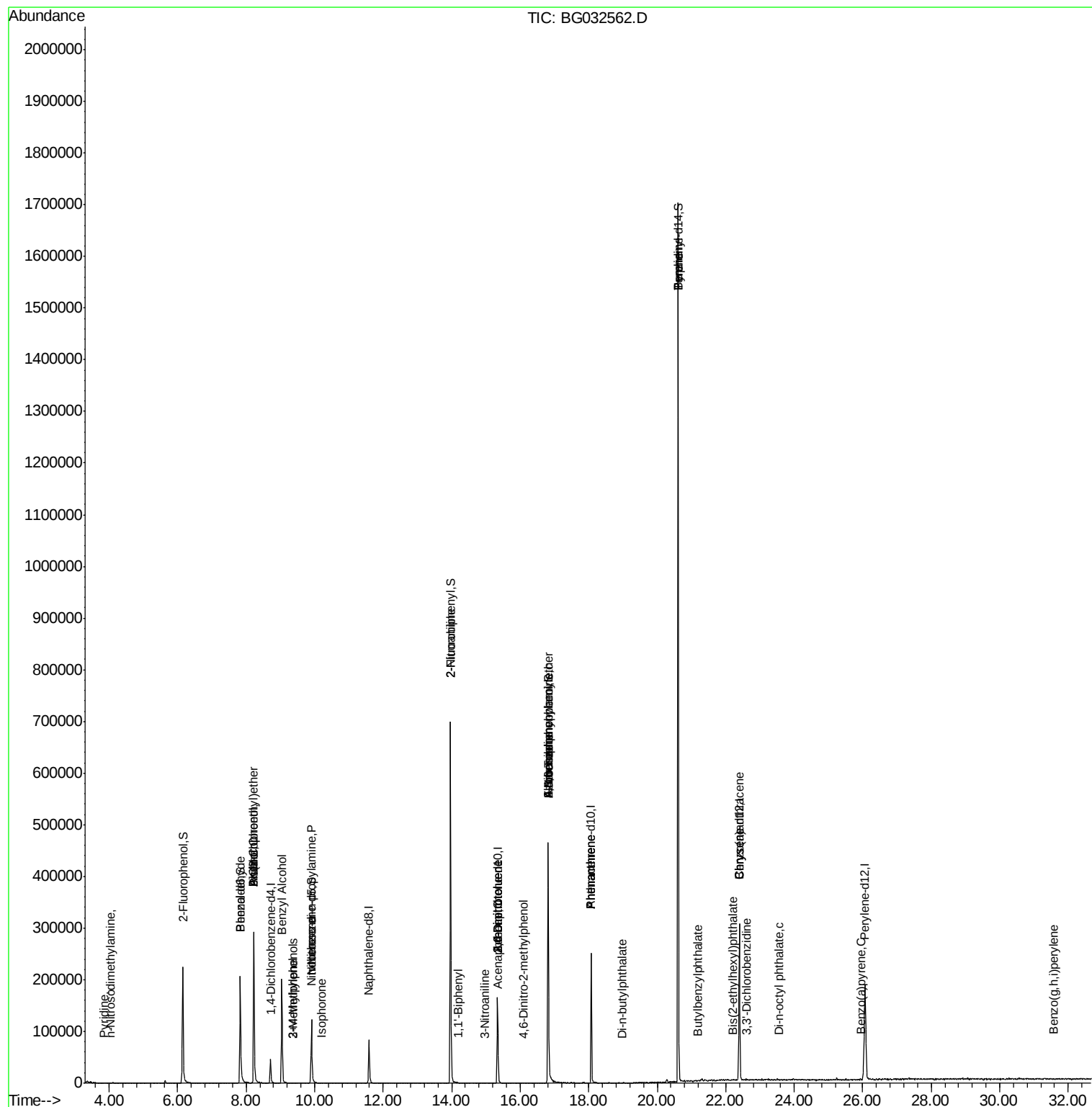
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Di-n-octyl phthalate	23.57	149	63	0.006	ng	# 1
89) Benzo(a)pyrene	25.93	252	53	0.004	ng	# 59
91) Benzo(g,h,i)perylene	31.59	276	55	0.004	ng	# 56

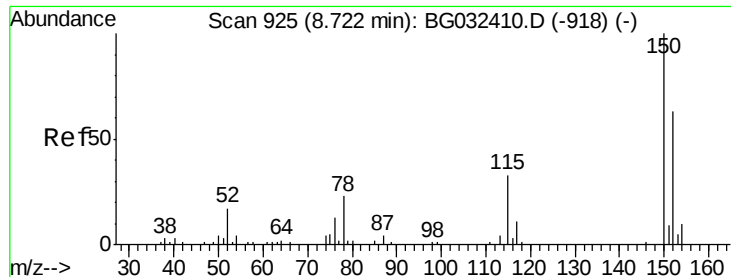
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG020518\
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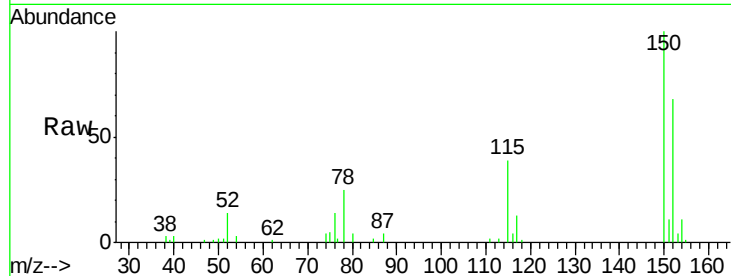


#1

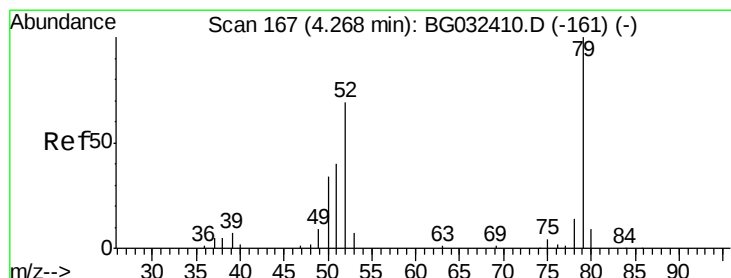
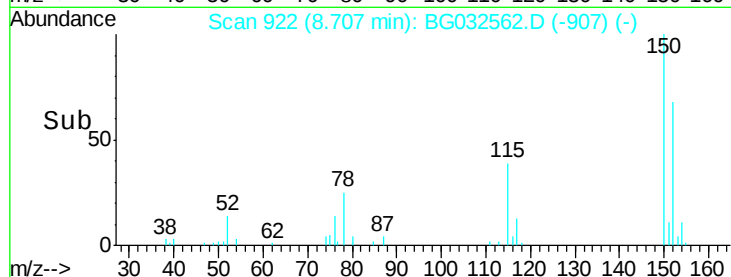
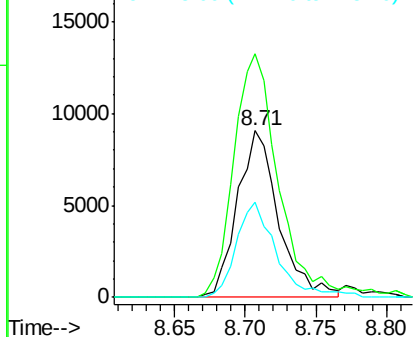
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.71 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BG032562.D
 Acq: 6 Feb 2018 8:47

Instrument :
 BNA_G
 ClientSampleId :
 PB106300BL

Tgt Ion: 152 Resp: 18635
 Ion Ratio Lower Upper
 152 100
 150 146.2 126.6 189.8
 115 56.8 53.0 79.4



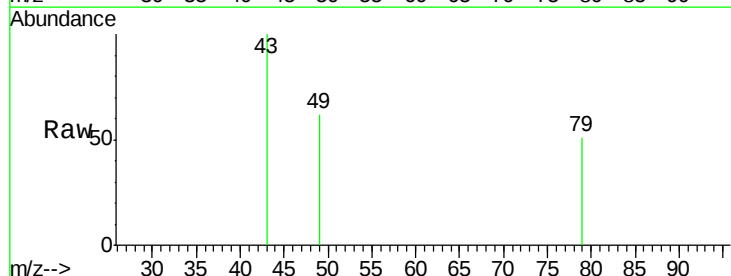
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



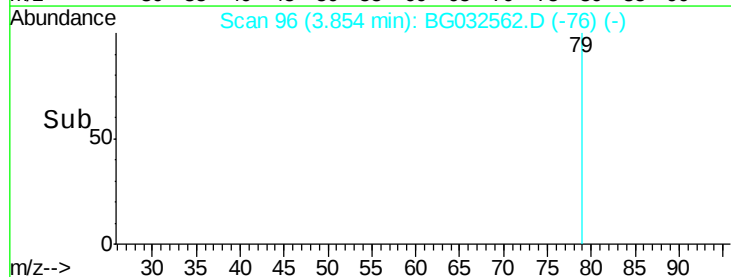
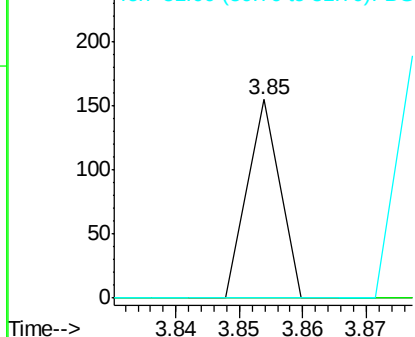
#3

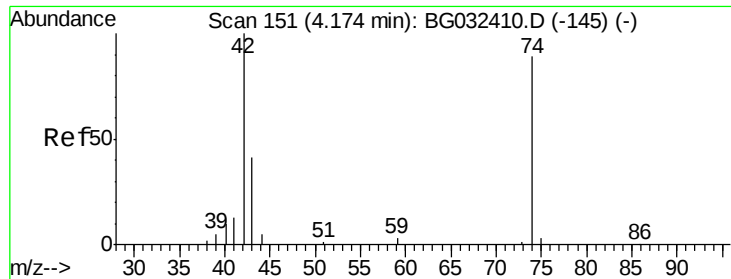
Pyridine
 Concen: 0.065 ng
 RT: 3.85 min Scan# 96
 Delta R.T. -0.41 min
 Lab File: BG032562.D
 Acq: 6 Feb 2018 8:47

Tgt Ion: 79 Resp: 55
 Ion Ratio Lower Upper
 79 100
 52 0.0 69.9 104.9#
 51 0.0 34.0 51.0#



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: 0.139 ng

RT: 4.05 min Scan# 130

Delta R.T. -0.12 min

Lab File: BG032562.D

Acq: 6 Feb 2018 8:47

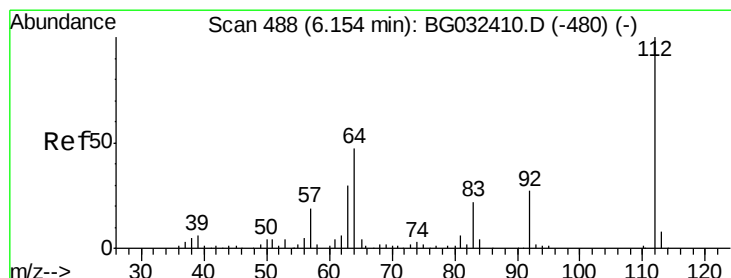
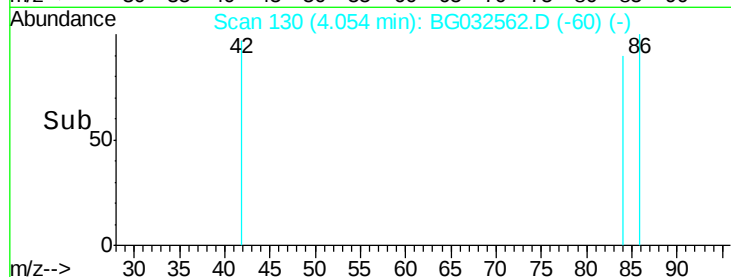
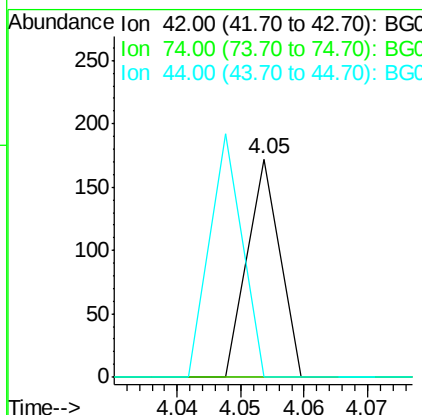
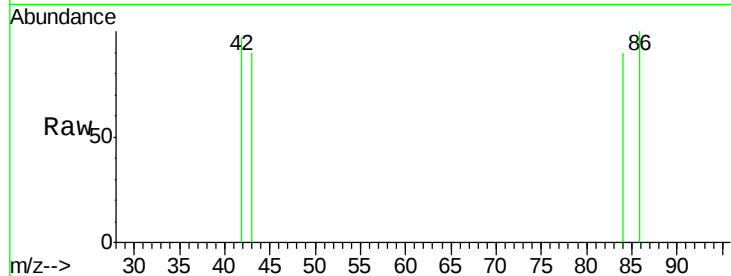
Instrument :

BNA_G

ClientSampleId :

PB106300BL

Tgt Ion:	42	Resp:	61
Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.5	153.7#
44	0.0	18.9	28.3#



#5

2-Fluorophenol

Concen: 143.532 ng

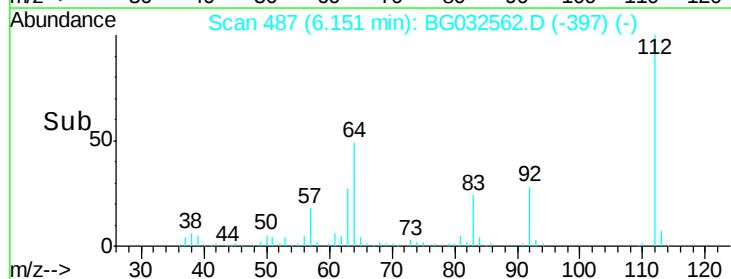
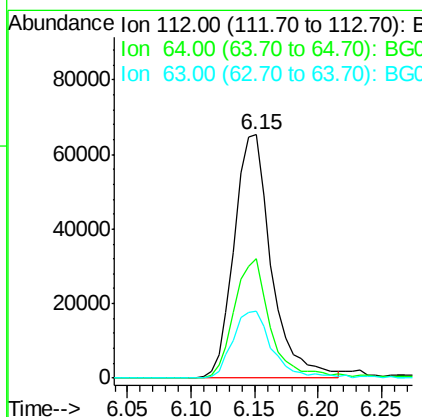
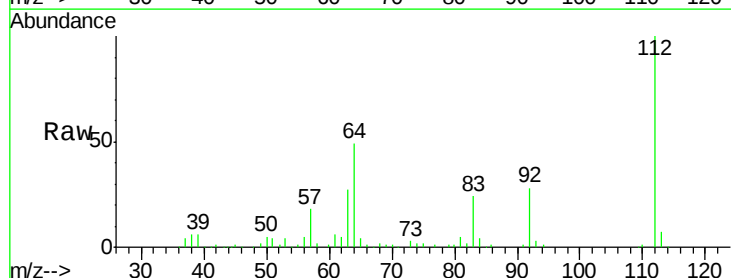
RT: 6.15 min Scan# 487

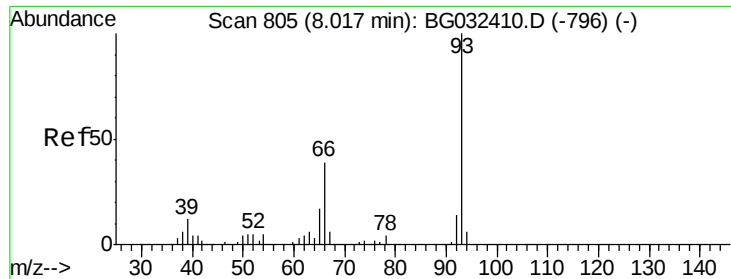
Delta R.T. -0.00 min

Lab File: BG032562.D

Acq: 6 Feb 2018 8:47

Tgt Ion:	112	Resp:	133166
Ion	Ratio	Lower	Upper
112	100		
64	48.9	56.3	84.5#
63	27.3	30.1	45.1#





#6

Aniline

Concen: 0.034 ng

RT: 8.23 min Scan# 840

Delta R.T. 0.21 min

Lab File: BG032562.D

Acq: 6 Feb 2018 8:47

Instrument :

BNA_G

ClientSampled :

PB106300BL

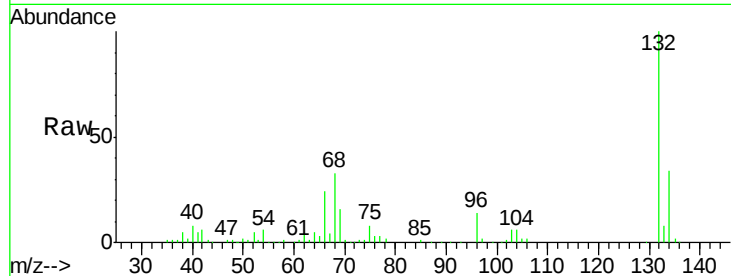
Tgt Ion: 93 Resp: 53

Ion Ratio Lower Upper

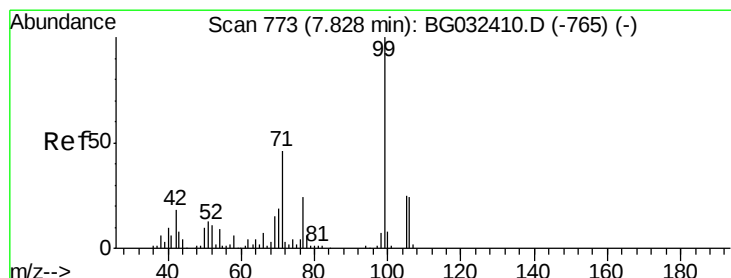
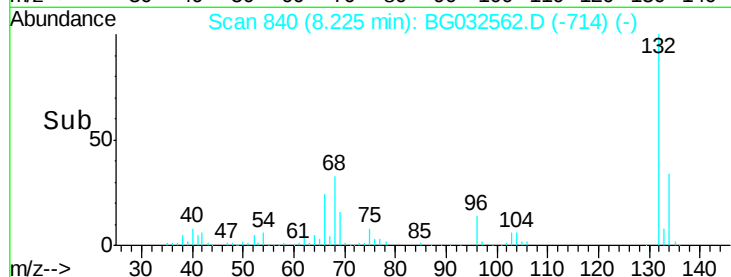
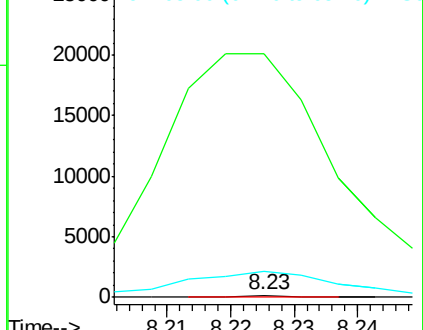
93 100

66 13287.4 33.7 50.5#

65 1433.8 16.1 24.1#



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: 119.391 ng

RT: 7.83 min Scan# 772

Delta R.T. -0.00 min

Lab File: BG032562.D

Acq: 6 Feb 2018 8:47

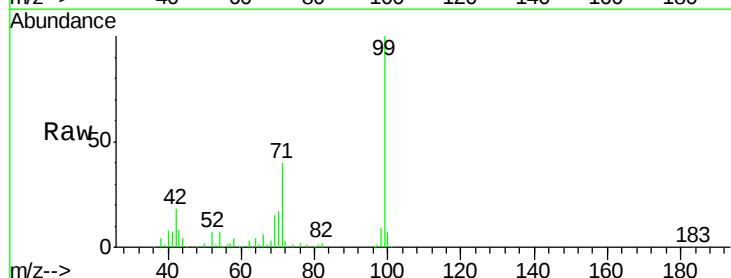
Tgt Ion: 99 Resp: 147812

Ion Ratio Lower Upper

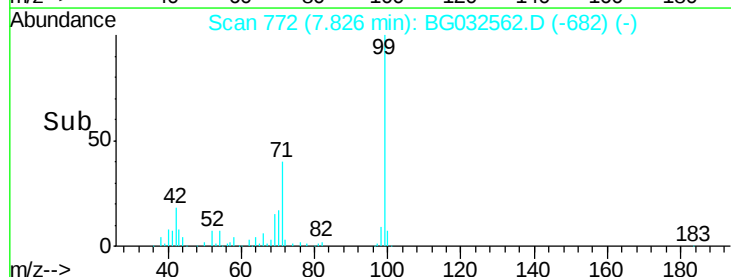
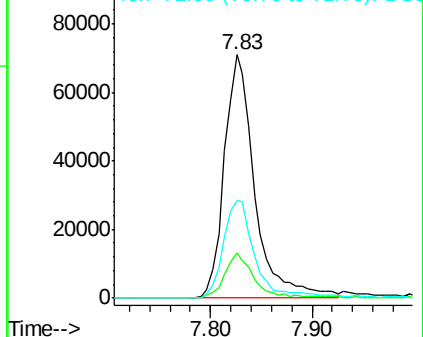
99 100

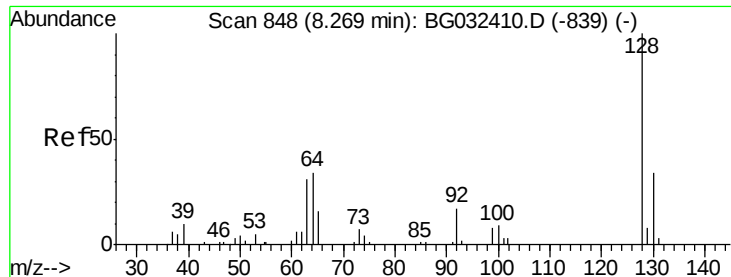
42 18.4 14.1 21.1

71 40.1 26.1 39.1#



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





#8

2-Chlorophenol

Concen: 0.056 ng

RT: 8.22 min Scan# 839

Delta R.T. -0.05 min

Lab File: BG032562.D

Acq: 6 Feb 2018 8:47

Instrument :

BNA_G

ClientSampleId :

PB106300BL

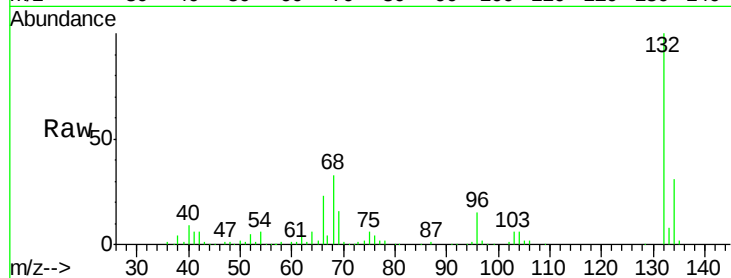
Tgt Ion:128 Resp: 61

Ion Ratio Lower Upper

128 100

130 0.0 14.0 54.0#

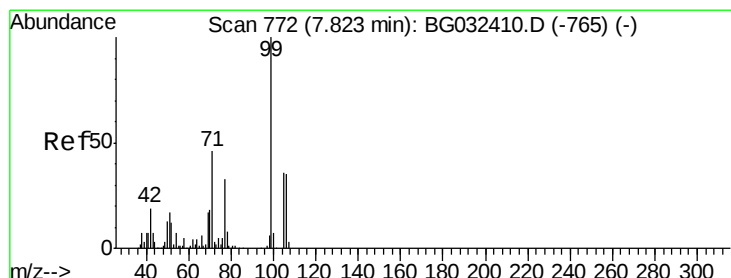
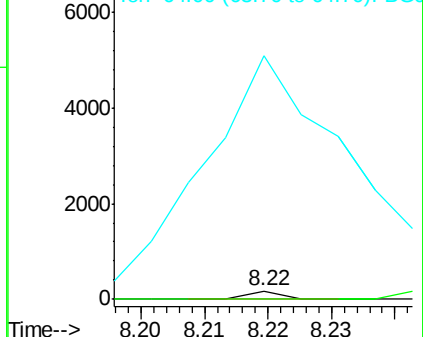
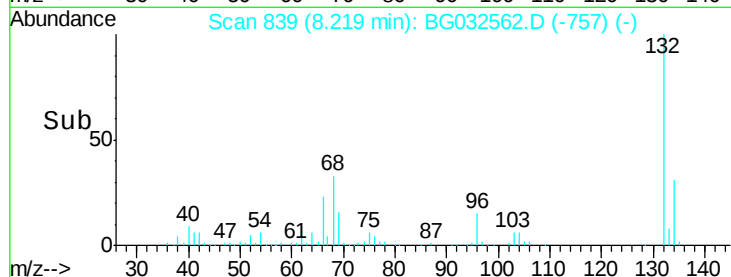
64 2926.4 37.7 77.7#



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): B



#9

Benzaldehyde

Concen: 0.195 ng

RT: 7.82 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG032562.D

Acq: 6 Feb 2018 8:47

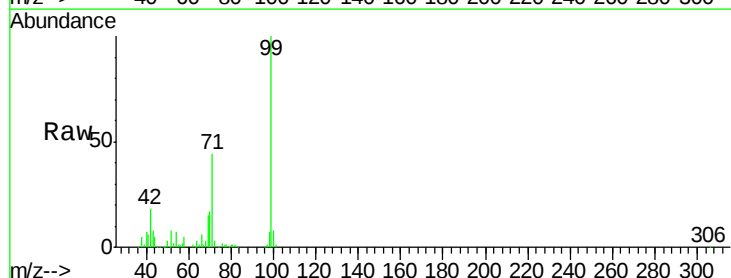
Tgt Ion: 77 Resp: 125

Ion Ratio Lower Upper

77 100

105 0.0 71.3 111.3#

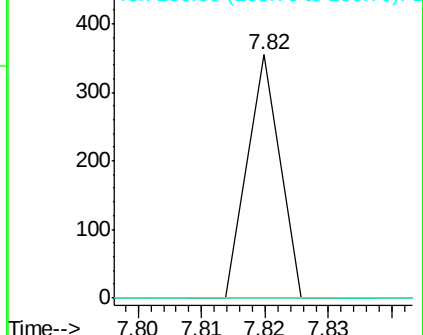
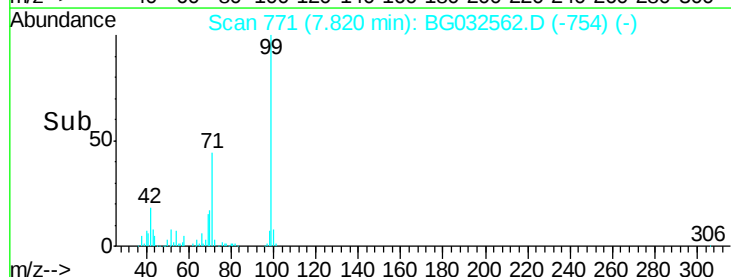
106 0.0 64.2 104.2#

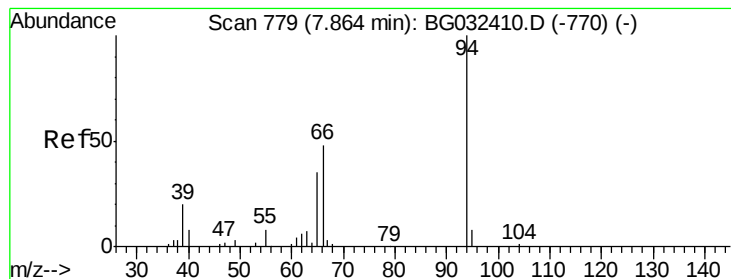


Abundance Ion 77.00 (76.70 to 77.70): B

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.123 ng

RT: 8.22 min Scan# 839

Delta R.T. 0.36 min

Lab File: BG032562.D

Acq: 6 Feb 2018 8:47

Instrument :

BNA_G

ClientSampled :

PB106300BL

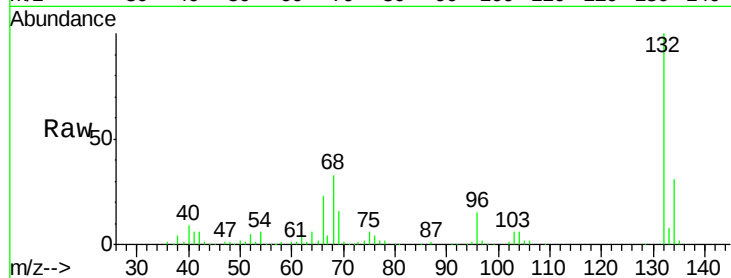
Tgt Ion: 94 Resp: 145

Ion Ratio Lower Upper

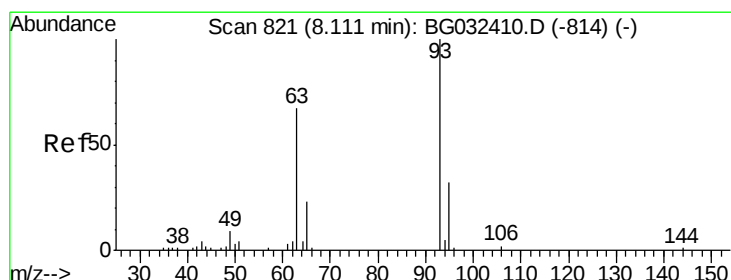
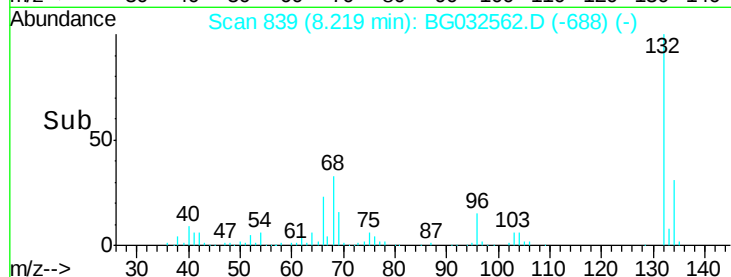
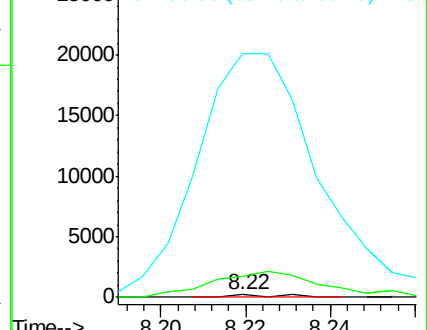
94 100

65 841.5 11.9 51.9#

66 9712.1 22.2 62.2#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#11

bis(2-Chloroethyl)ether

Concen: 0.059 ng

RT: 8.23 min Scan# 840

Delta R.T. 0.11 min

Lab File: BG032562.D

Acq: 6 Feb 2018 8:47

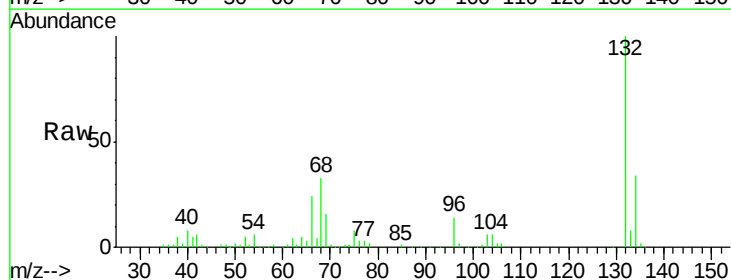
Tgt Ion: 93 Resp: 53

Ion Ratio Lower Upper

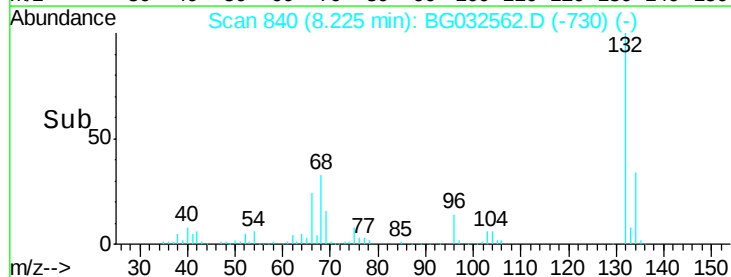
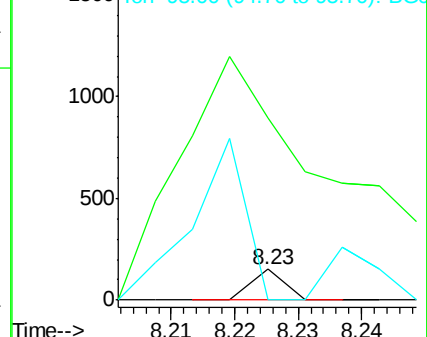
93 100

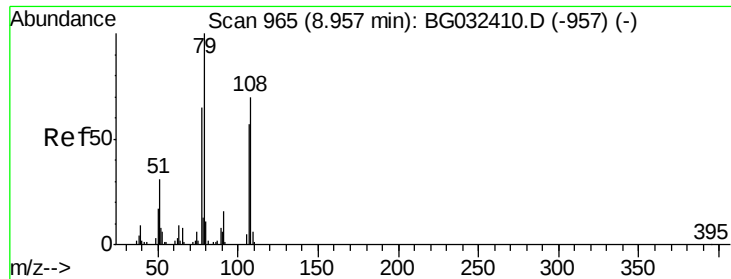
63 594.0 67.1 107.1#

95 0.0 11.5 51.5#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC





#15

Benzyl Alcohol

Concen: 1.663 ng

RT: 9.05 min Scan# 980

Delta R.T. 0.09 min

Lab File: BG032562.D

Acq: 6 Feb 2018 8:47

Instrument :

BNA_G

ClientSampleId :

PB106300BL

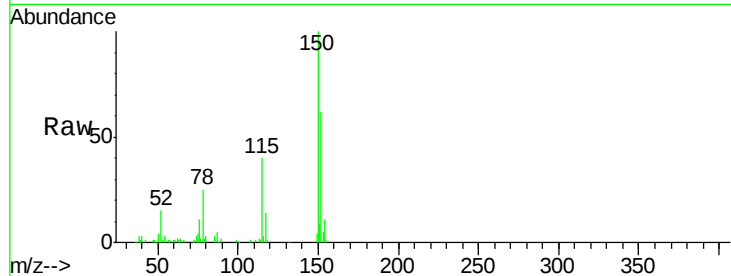
Tgt Ion: 79 Resp: 1697

Ion Ratio Lower Upper

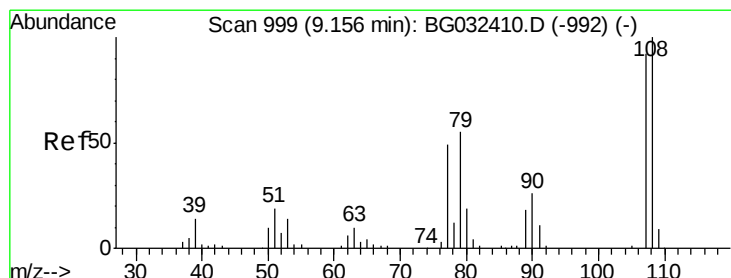
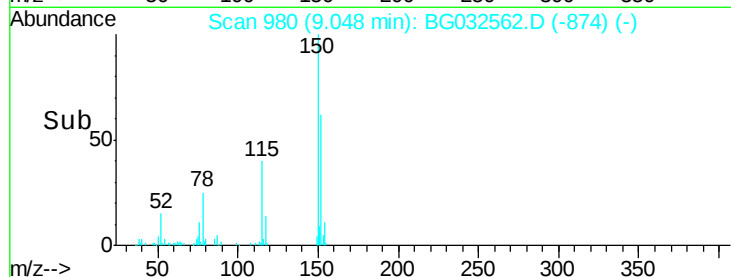
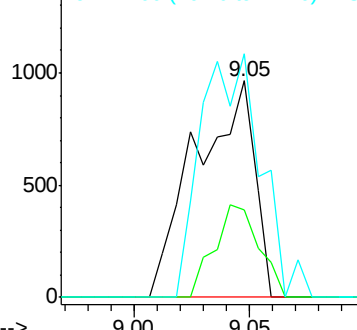
79 100

108 40.3 57.2 85.8#

77 112.7 46.1 69.1#



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



#17

2-Methylphenol

Concen: 0.059 ng

RT: 9.35 min Scan# 1032

Delta R.T. 0.20 min

Lab File: BG032562.D

Acq: 6 Feb 2018 8:47

Tgt Ion: 107 Resp: 56

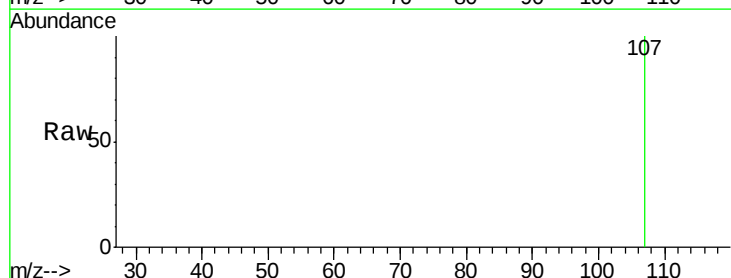
Ion Ratio Lower Upper

107 100

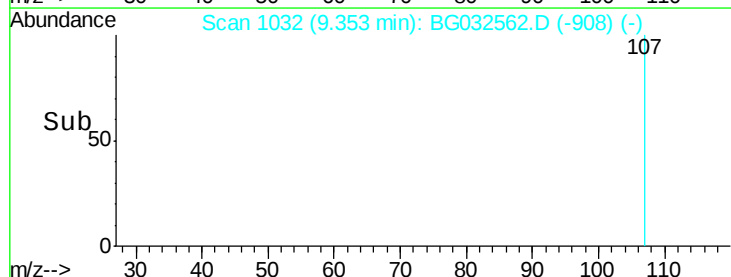
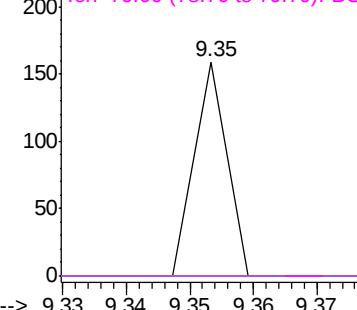
108 0.0 83.9 125.9#

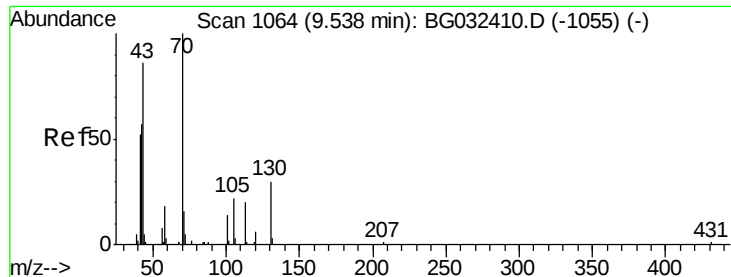
77 0.0 37.2 55.8#

79 0.0 36.2 54.2#



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

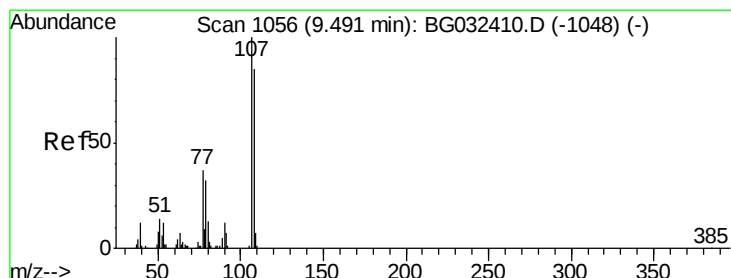
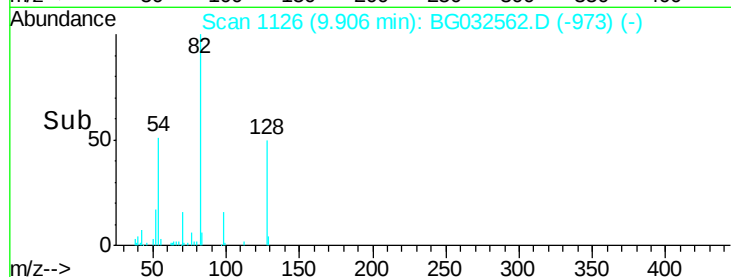
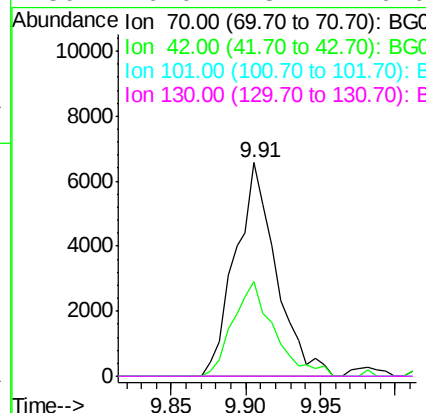
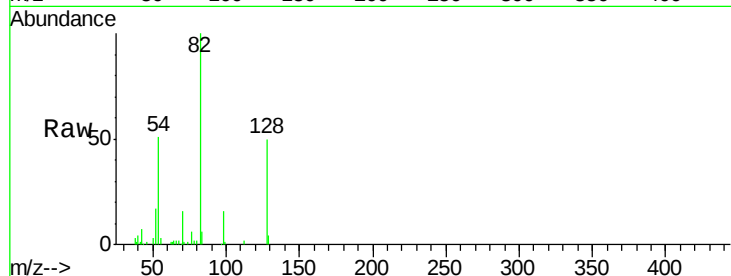




#19
n-Nitroso-di-n-propylamine
Concen: 15.148 ng
RT: 9.91 min Scan# 1126
Delta R.T. 0.37 min
Lab File: BG032562.D
Acq: 6 Feb 2018 8:47

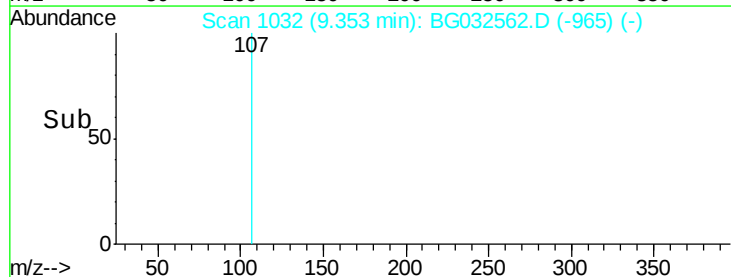
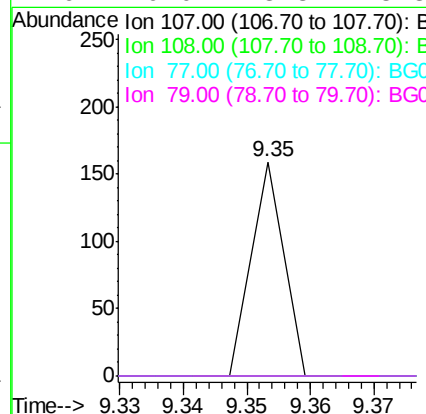
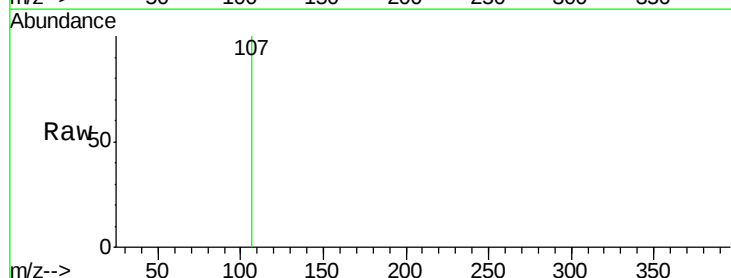
Instrument :
BNA_G
ClientSampleId :
PB106300BL

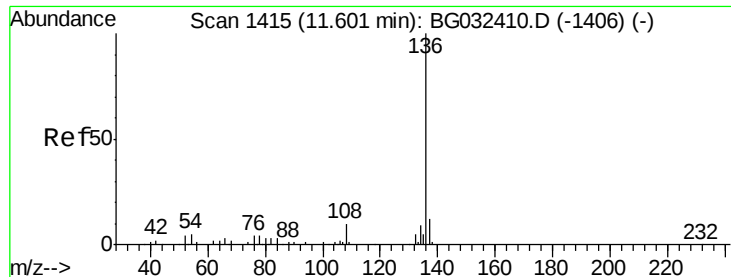
Tgt Ion: 70 Resp: 12435
Ion Ratio Lower Upper
70 100
42 44.3 49.1 73.7#
101 0.0 8.5 12.7#
130 0.0 13.4 20.0#



#20
3+4-Methylphenols
Concen: 0.042 ng
RT: 9.35 min Scan# 1032
Delta R.T. -0.14 min
Lab File: BG032562.D
Acq: 6 Feb 2018 8:47

Tgt Ion: 107 Resp: 56
Ion Ratio Lower Upper
107 100
108 0.0 61.6 101.6#
77 0.0 13.9 53.9#
79 0.0 8.8 48.8#

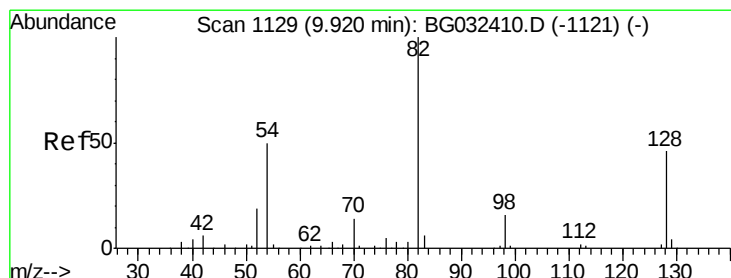
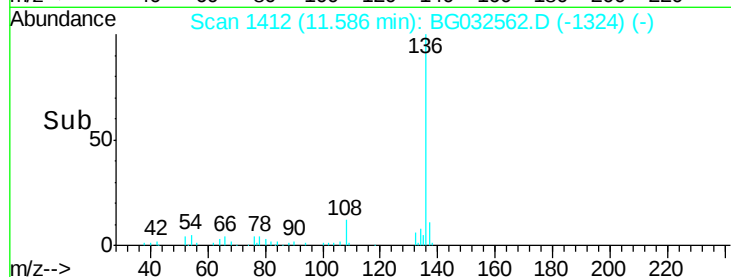
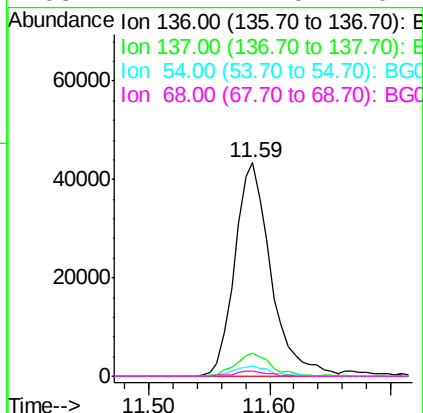
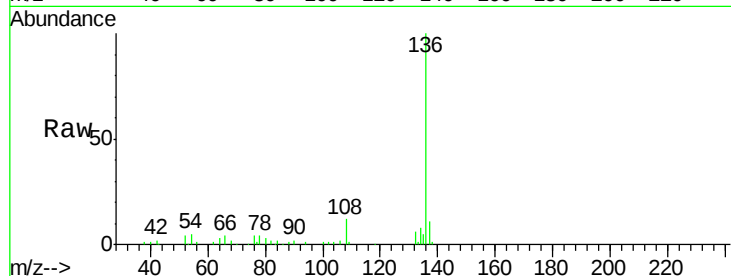




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BG032562.D
Acq: 6 Feb 2018 8:47

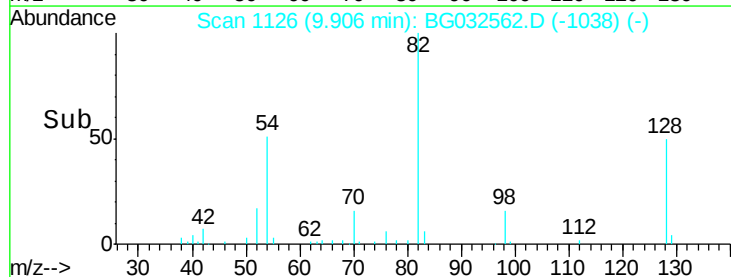
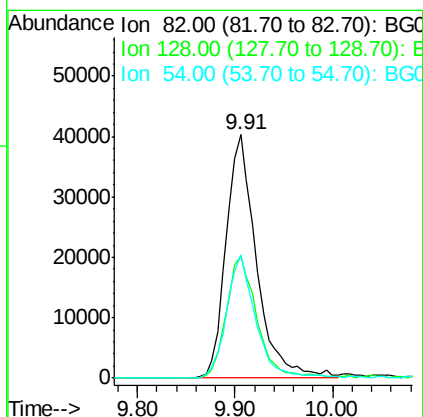
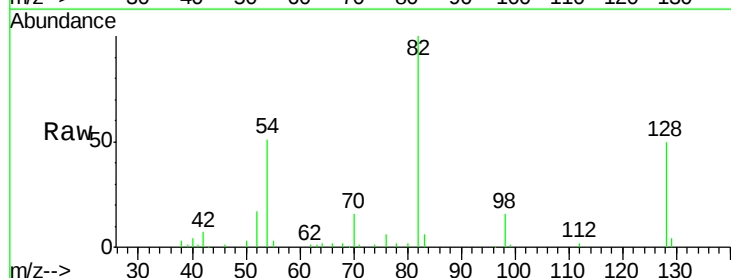
Instrument :
BNA_G
ClientSampleId :
PB106300BL

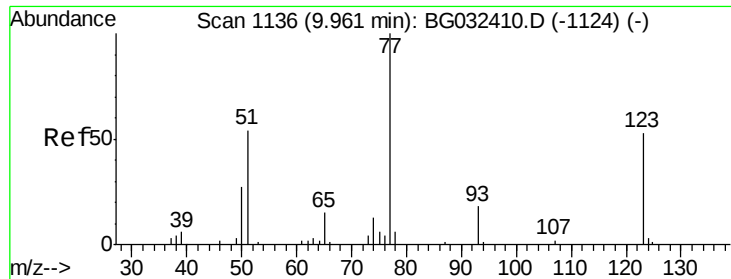
Tgt Ion:	136	Resp:	90425
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.2	13.8
54	4.5	10.3	15.5#
68	2.2	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 60.482 ng
RT: 9.91 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BG032562.D
Acq: 6 Feb 2018 8:47

Tgt Ion:	82	Resp:	87561
Ion Ratio	Lower	Upper	
82	100		
128	50.4	29.7	44.5#
54	50.8	43.1	64.7

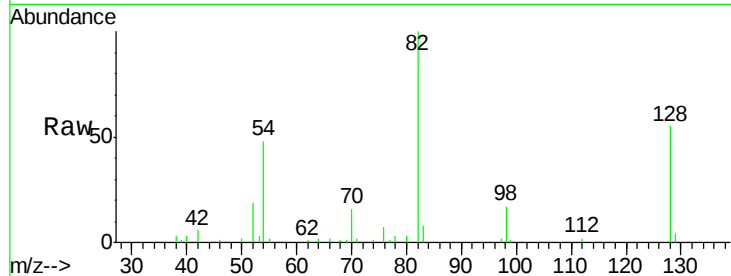




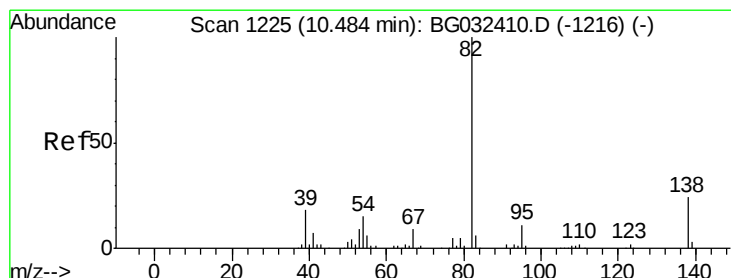
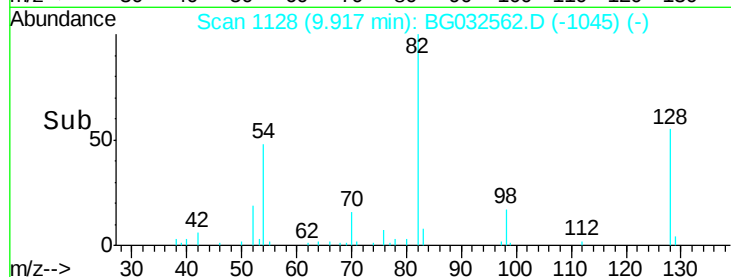
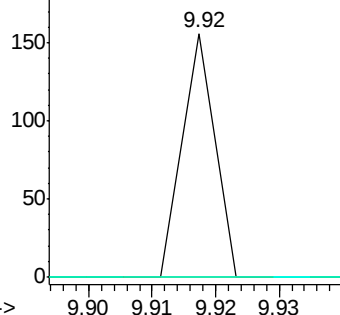
#24
Nitrobenzene
Concen: 0.039 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.04 min
Lab File: BG032562.D
Acq: 6 Feb 2018 8:47

Instrument :
BNA_G
ClientSampleId :
PB106300BL

Tgt Ion: 77 Resp: 55
Ion Ratio Lower Upper
77 100
123 0.0 33.0 49.6#
65 0.0 13.0 19.6#

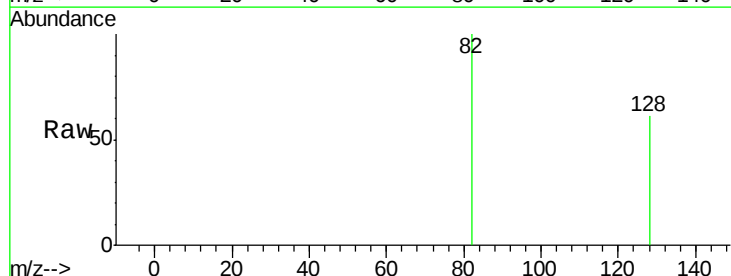


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

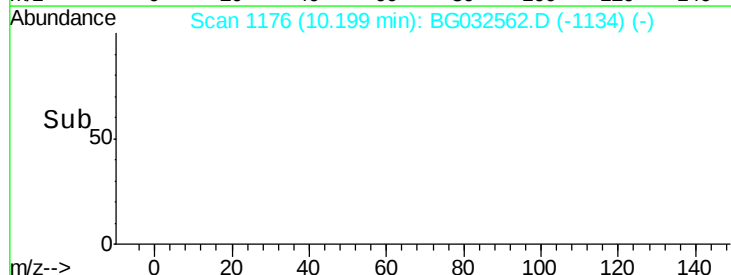
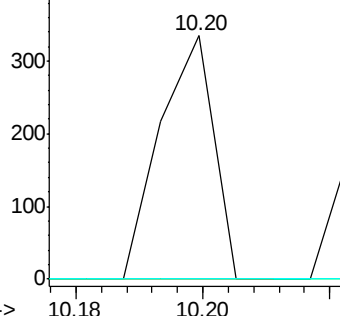


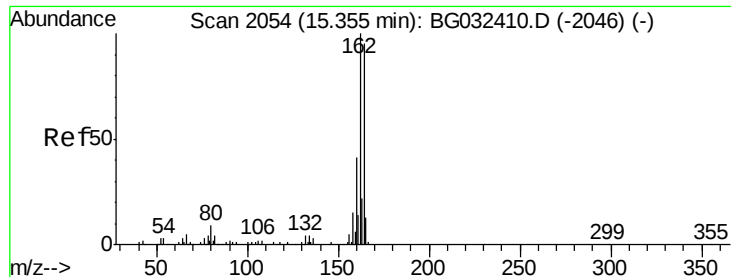
#25
Isophorone
Concen: 0.079 ng
RT: 10.20 min Scan# 1176
Delta R.T. -0.28 min
Lab File: BG032562.D
Acq: 6 Feb 2018 8:47

Tgt Ion: 82 Resp: 195
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.1 18.1#



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.34 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BG032562.D

Acq: 6 Feb 2018 8:47

Instrument :

BNA_G

ClientSampleId :

PB106300BL

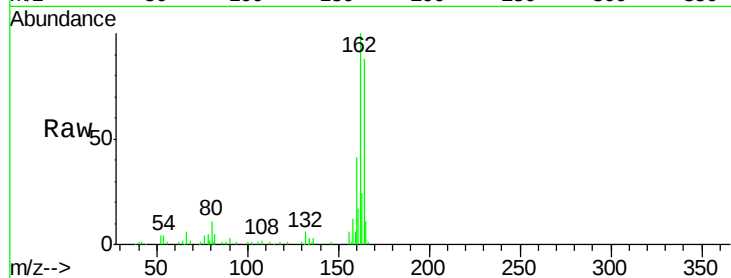
Tgt Ion:164 Resp: 64788

Ion Ratio Lower Upper

164 100

162 113.9 78.8 118.2

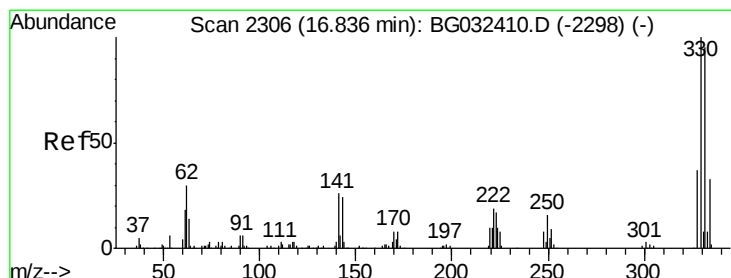
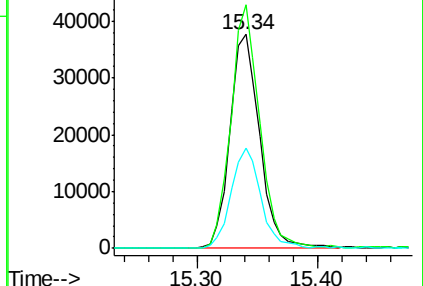
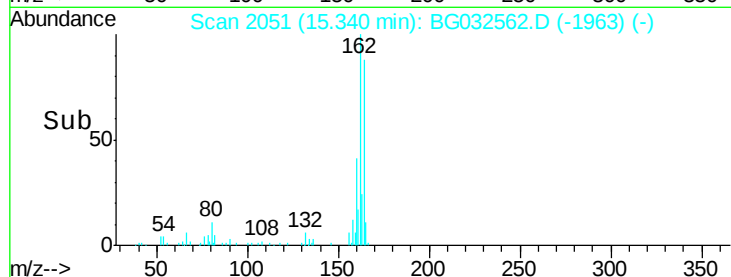
160 46.6 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 104.908 ng

RT: 16.82 min Scan# 2302

Delta R.T. -0.02 min

Lab File: BG032562.D

Acq: 6 Feb 2018 8:47

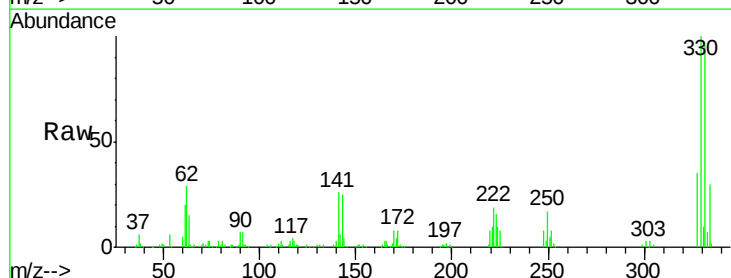
Tgt Ion:330 Resp: 129377

Ion Ratio Lower Upper

330 100

332 94.2 77.0 115.6

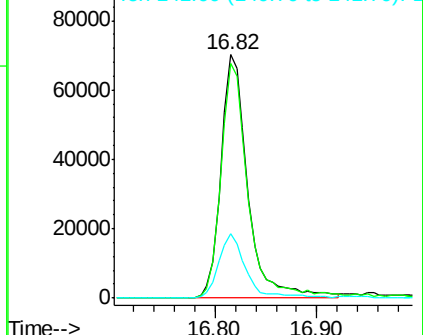
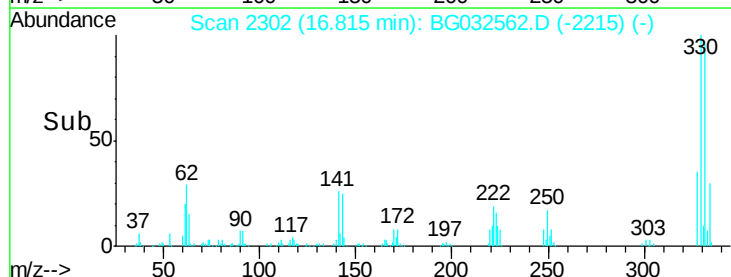
141 27.1 25.2 37.8

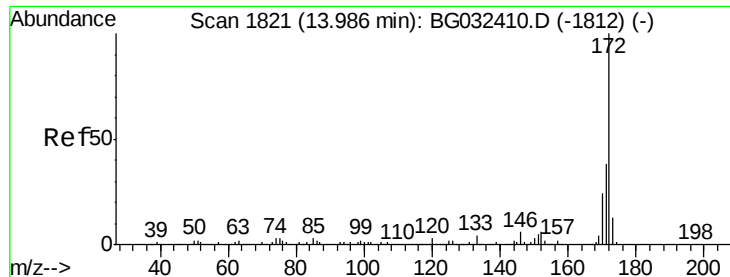


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

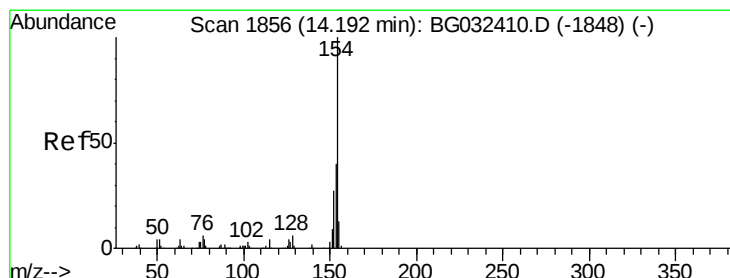
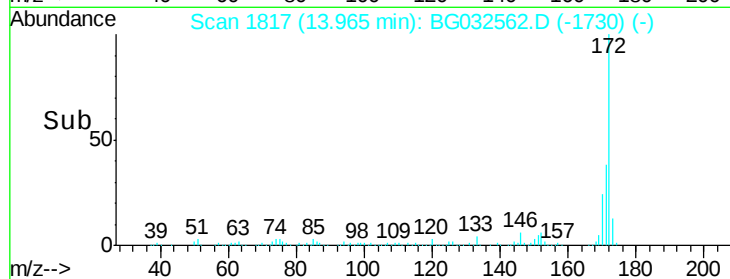
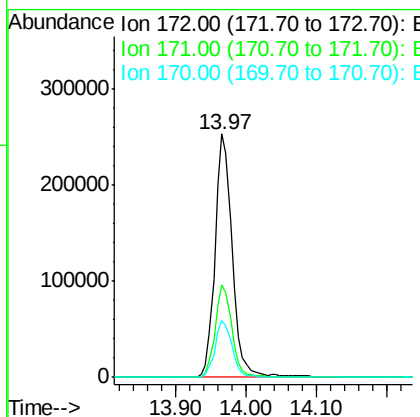
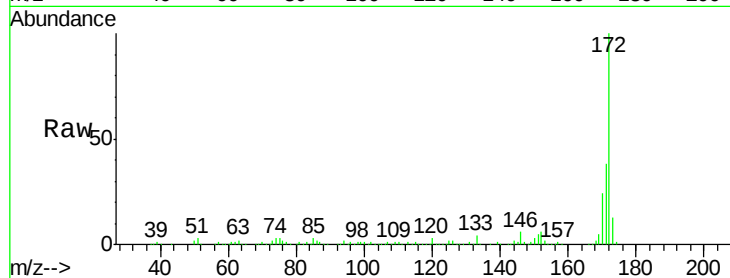




#44
2-Fluorobiphenyl
Concen: 78.896 ng
RT: 13.97 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BG032562.D
Acq: 6 Feb 2018 8:47

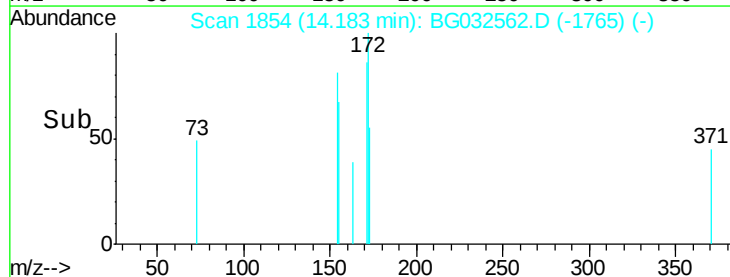
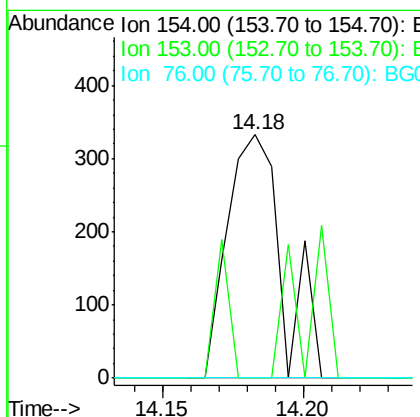
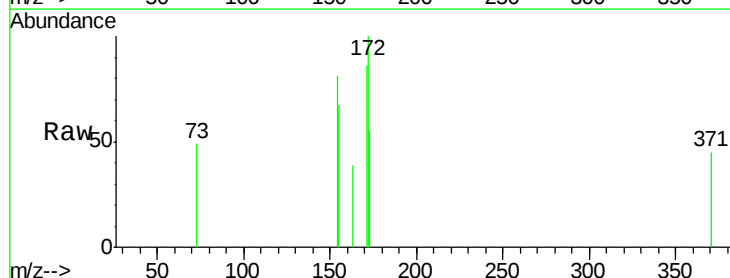
Instrument :
BNA_G
ClientSampleId :
PB106300BL

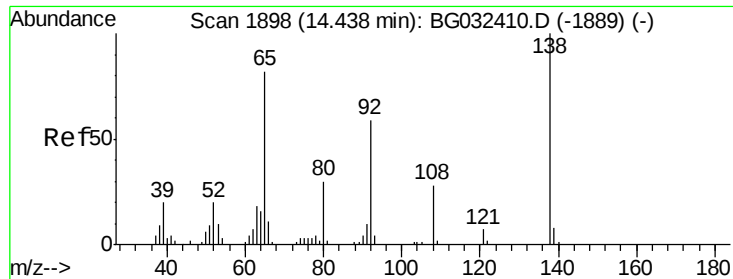
Tgt Ion:172 Resp: 430059
Ion Ratio Lower Upper
172 100
171 38.2 30.0 45.0
170 23.6 19.5 29.3



#45
1,1'-Biphenyl
Concen: 0.082 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG032562.D
Acq: 6 Feb 2018 8:47

Tgt Ion:154 Resp: 449
Ion Ratio Lower Upper
154 100
153 0.0 19.8 59.8#
76 0.0 0.0 31.9

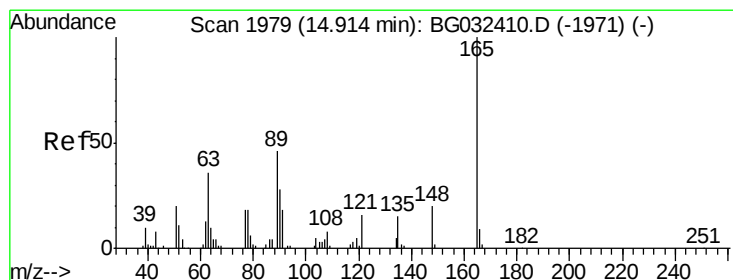
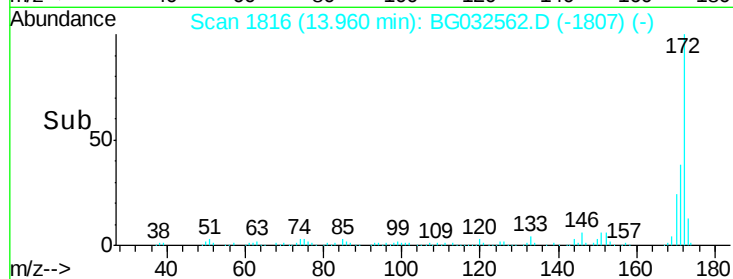
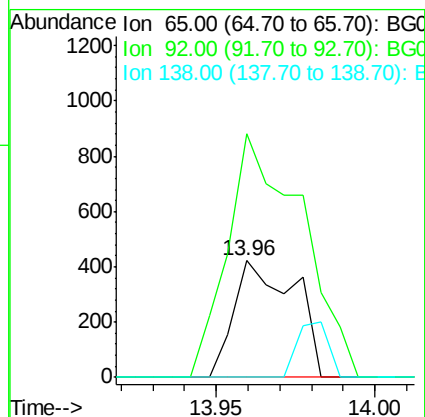
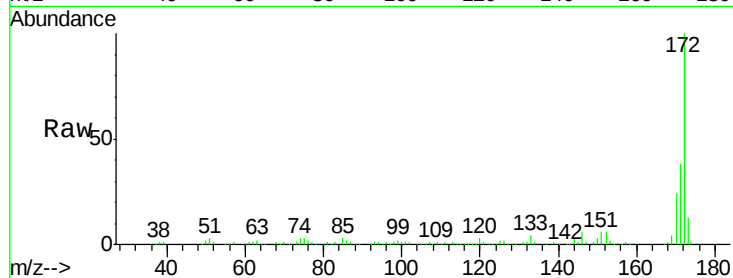




#47
2-Nitroaniline
Concen: 0.585 ng
RT: 13.96 min Scan# 1816
Delta R.T. -0.48 min
Lab File: BG032562.D
Acq: 6 Feb 2018 8:47

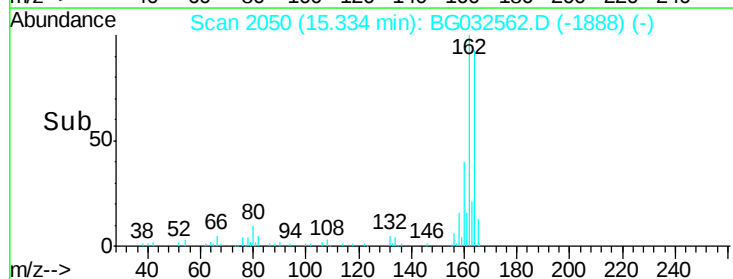
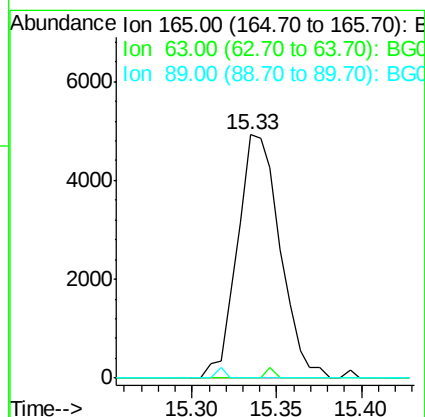
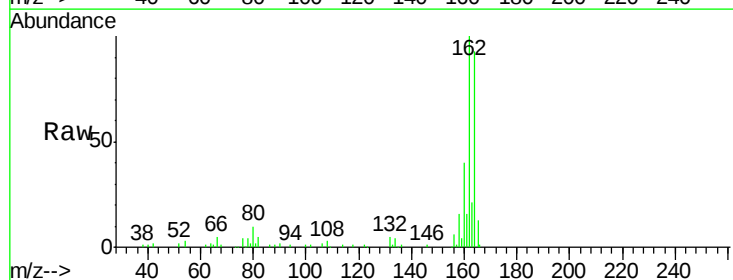
Instrument :
BNA_G
ClientSampleId :
PB106300BL

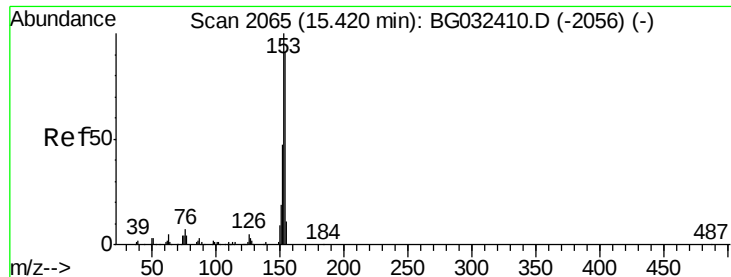
Tgt Ion: 65 Resp: 555
Ion Ratio Lower Upper
65 100
92 208.8 54.6 82.0#
138 0.0 72.9 109.3#



#50
2,6-Dinitrotoluene
Concen: 6.896 ng
RT: 15.33 min Scan# 2050
Delta R.T. 0.42 min
Lab File: BG032562.D
Acq: 6 Feb 2018 8:47

Tgt Ion: 165 Resp: 8646
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#





#51

Acenaphthene

Concen: 0.016 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.06 min

Lab File: BG032562.D

Acq: 6 Feb 2018 8:47

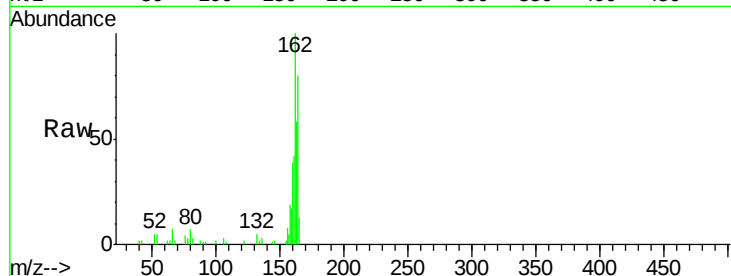
Instrument :

BNA_G

ClientSampleId :

PB106300BL

Tgt Ion:	154	Resp:	73
Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.4	135.6#
152	0.0	41.6	62.4#

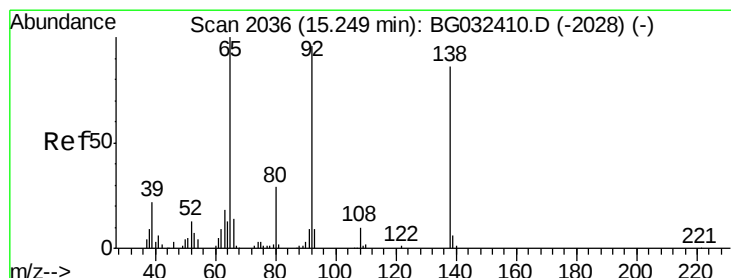
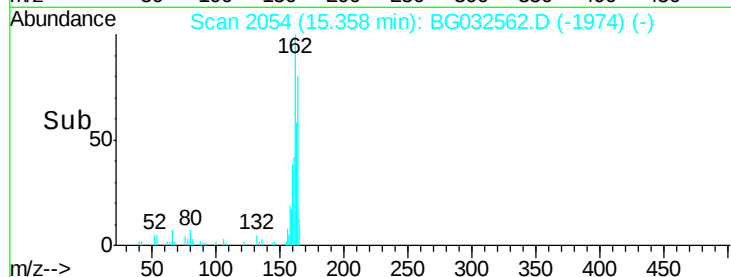
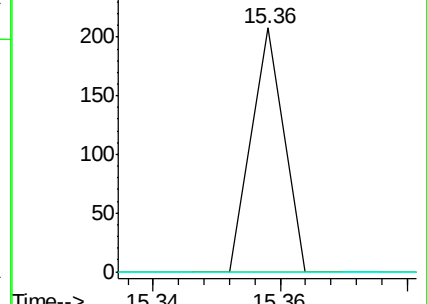


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

15.36



#52

3-Nitroaniline

Concen: 0.052 ng

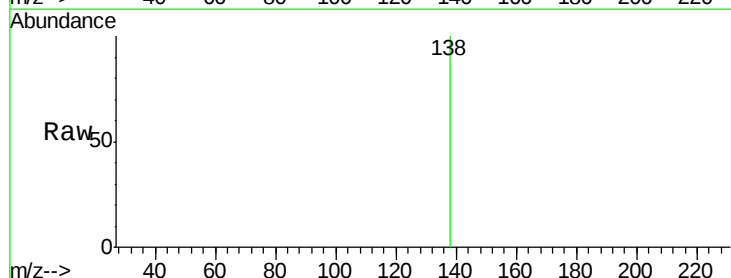
RT: 14.95 min Scan# 1985

Delta R.T. -0.30 min

Lab File: BG032562.D

Acq: 6 Feb 2018 8:47

Tgt Ion:	138	Resp:	57
Ion	Ratio	Lower	Upper
138	100		
108	0.0	17.5	26.3#
92	0.0	105.8	158.8#

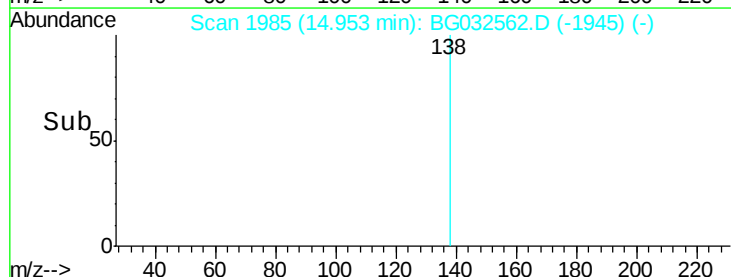
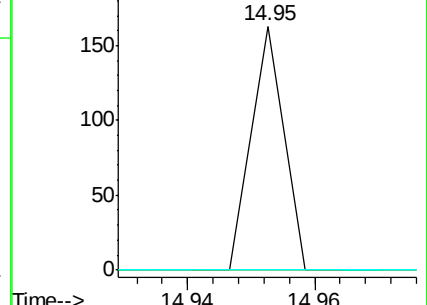


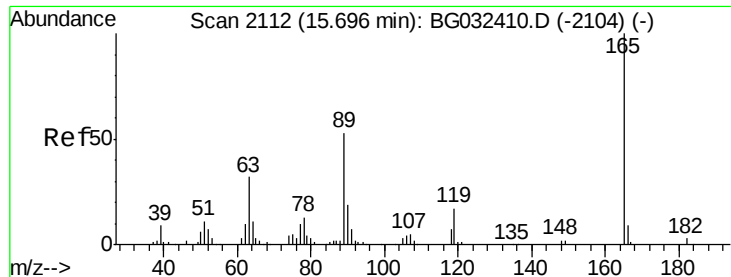
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

14.95





#56

2,4-Dinitrotoluene

Concen: 4.843 ng

RT: 15.33 min Scan# 2050

Delta R.T. -0.36 min

Lab File: BG032562.D

Acq: 6 Feb 2018 8:47

Instrument :

BNA_G

ClientSampleId :

PB106300BL

Tgt Ion:165 Resp: 8646

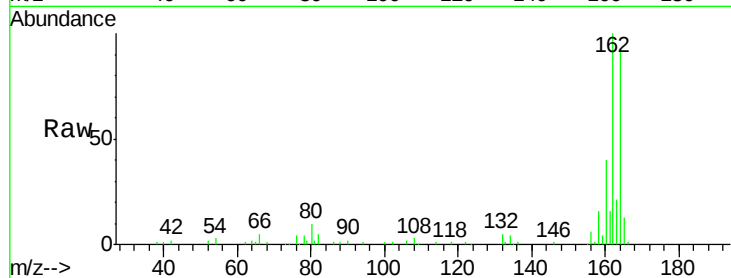
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

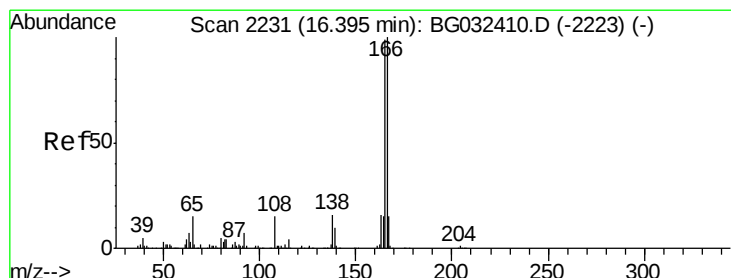
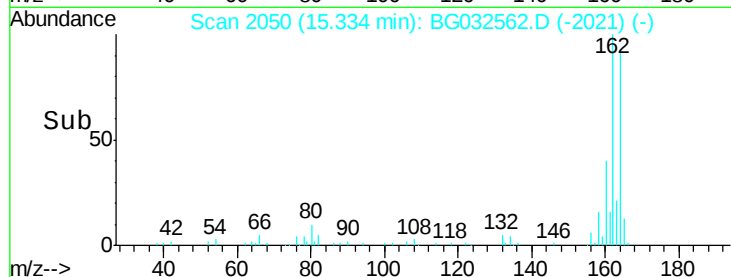
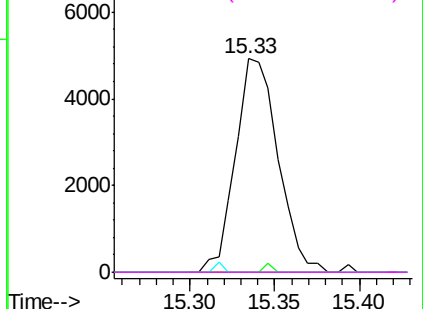


Abundance Ion 165.00 (164.70 to 165.70): E

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



#57

Fluorene

Concen: 0.585 ng

RT: 16.82 min Scan# 2302

Delta R.T. 0.42 min

Lab File: BG032562.D

Acq: 6 Feb 2018 8:47

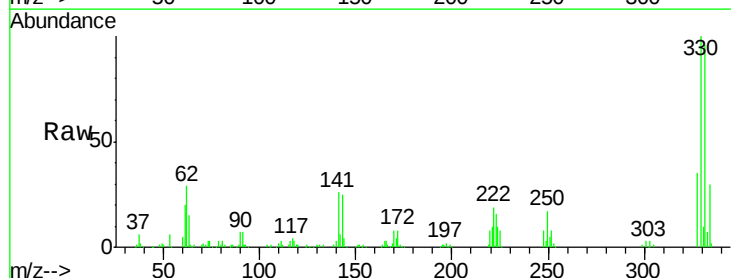
Tgt Ion:166 Resp: 3238

Ion Ratio Lower Upper

166 100

165 67.0 80.6 121.0#

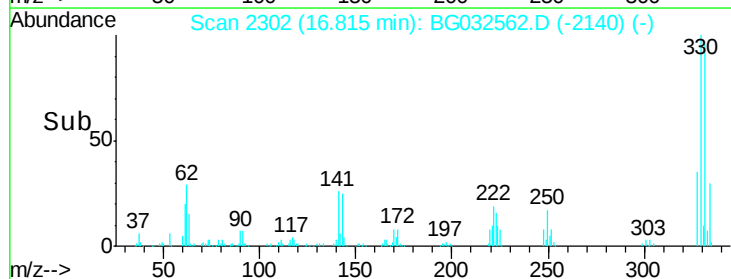
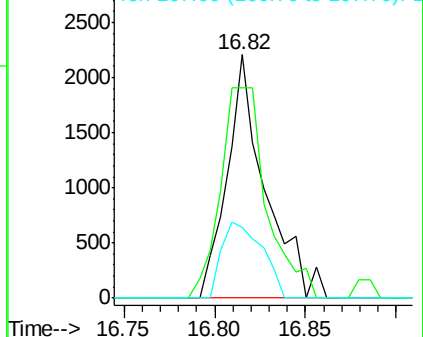
167 22.4 10.4 15.6#

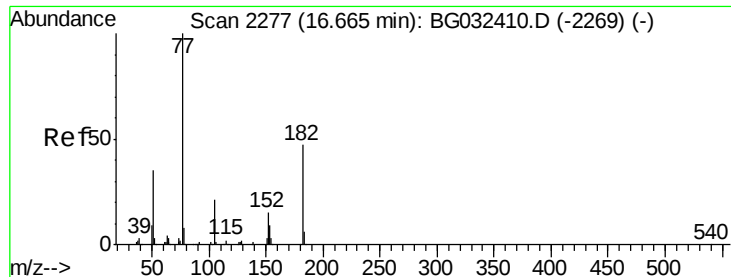


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#62

Azobenzene

Concen: 0.051 ng

RT: 16.82 min Scan# 2302

Delta R.T. 0.15 min

Lab File: BG032562.D

Acq: 6 Feb 2018 8:47

Instrument :

BNA_G

ClientSampleId :

PB106300BL

Tgt Ion: 77 Resp: 178

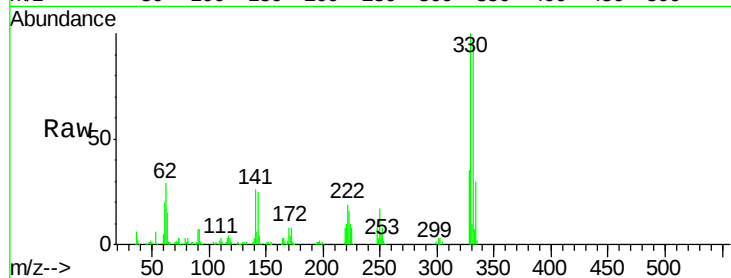
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 110.4 0.3 40.3#

51 0.0 11.6 51.6#

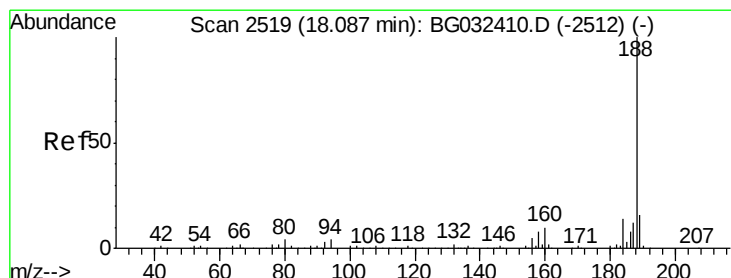
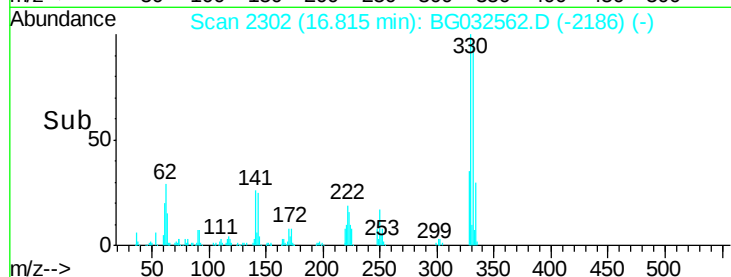
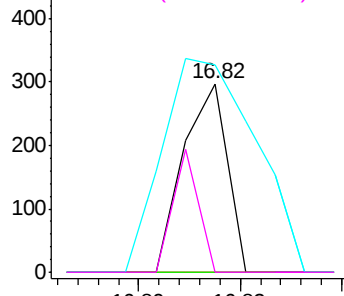


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.07 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG032562.D

Acq: 6 Feb 2018 8:47

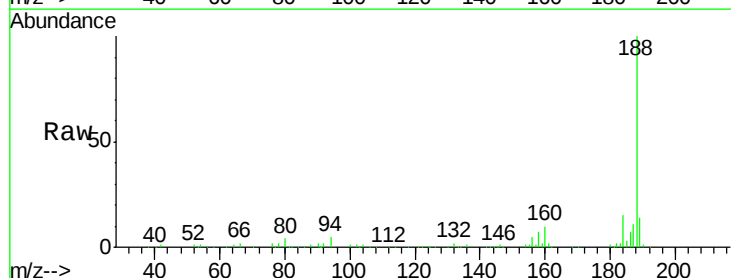
Tgt Ion: 188 Resp: 178832

Ion Ratio Lower Upper

188 100

94 5.1 6.9 10.3#

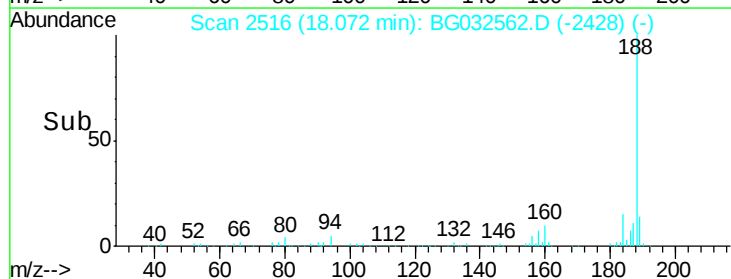
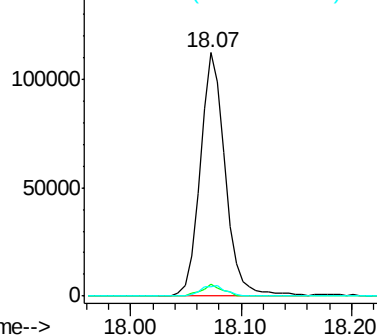
80 4.0 7.7 11.5#

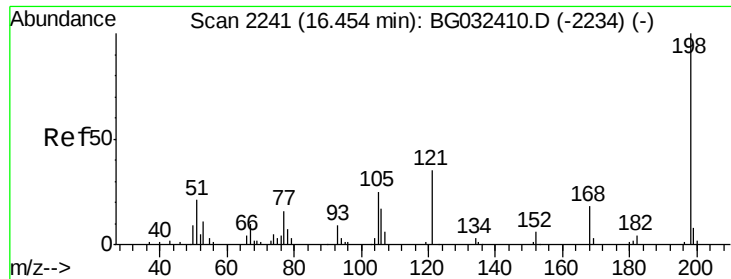


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

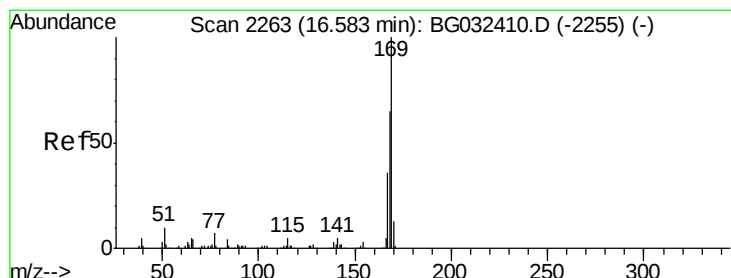
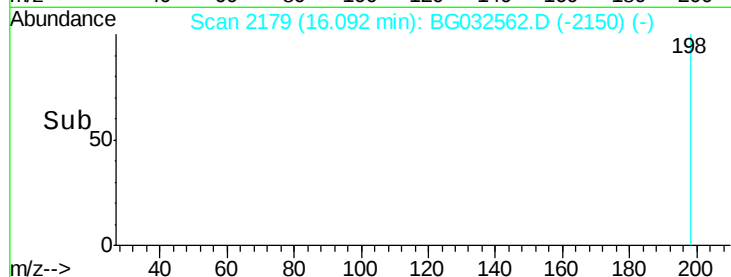
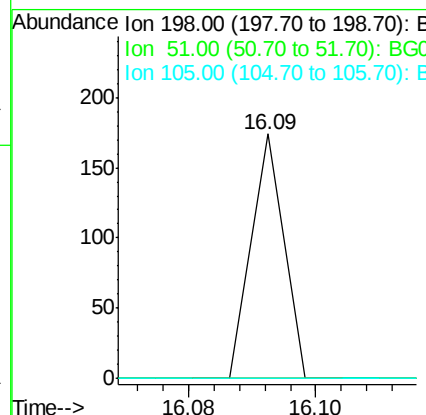
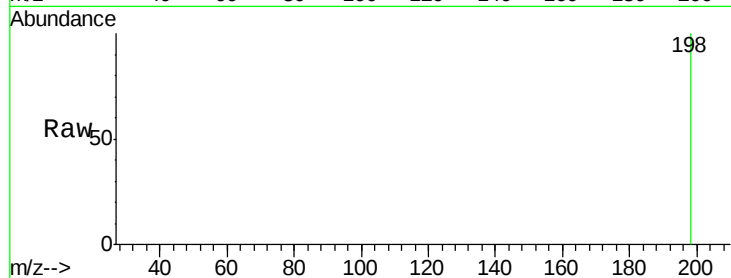




#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.046 ng
 RT: 16.09 min Scan# 2179
 Delta R.T. -0.36 min
 Lab File: BG032562.D
 Acq: 6 Feb 2018 8:47

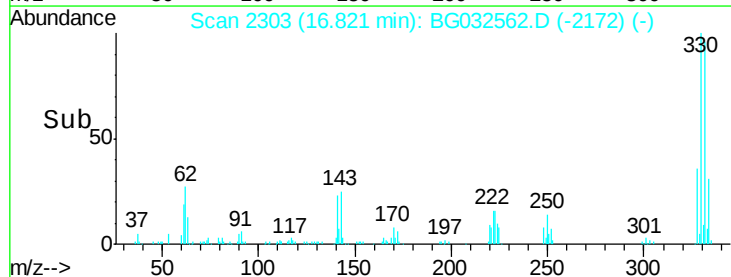
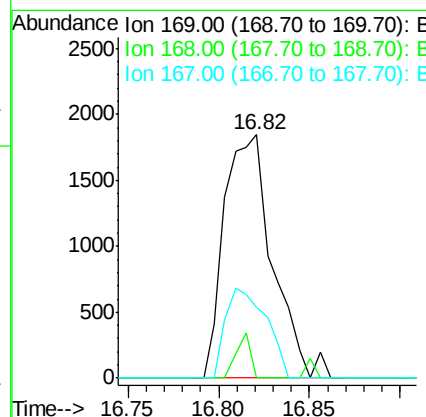
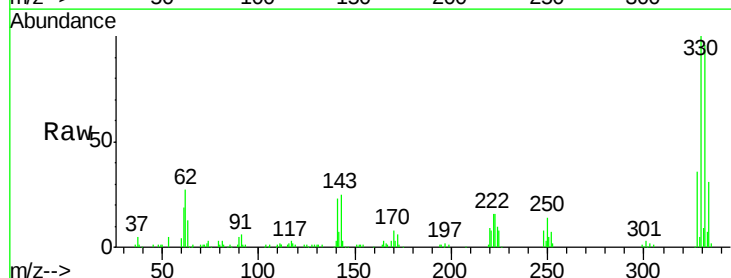
Instrument :
 BNA_G
 ClientSampleId :
 PB106300BL

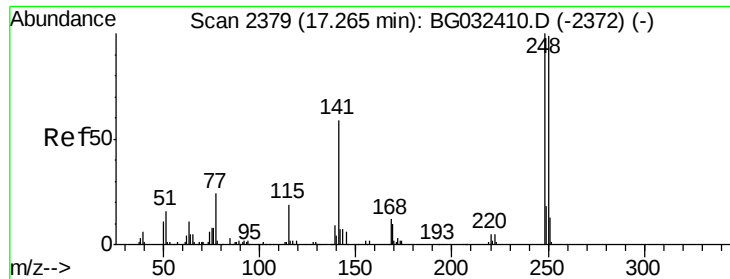
Tgt Ion:198 Resp: 61
 Ion Ratio Lower Upper
 198 100
 51 0.0 30.6 70.6#
 105 0.0 23.8 63.8#



#65
 n-Nitrosodiphenylamine
 Concen: 0.640 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. 0.24 min
 Lab File: BG032562.D
 Acq: 6 Feb 2018 8:47

Tgt Ion:169 Resp: 3416
 Ion Ratio Lower Upper
 169 100
 168 0.0 55.7 83.5#
 167 28.9 30.1 45.1#

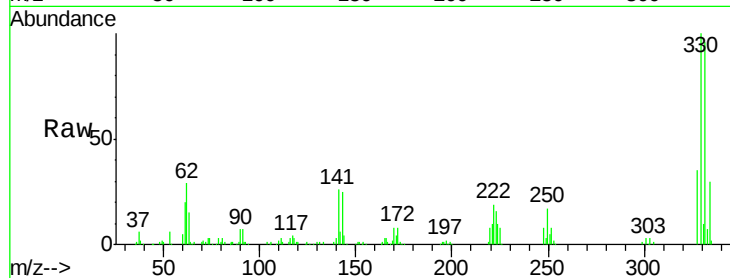




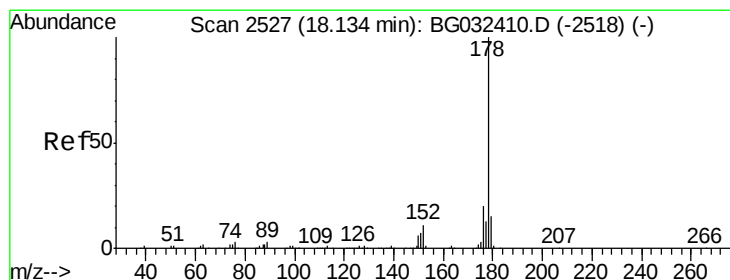
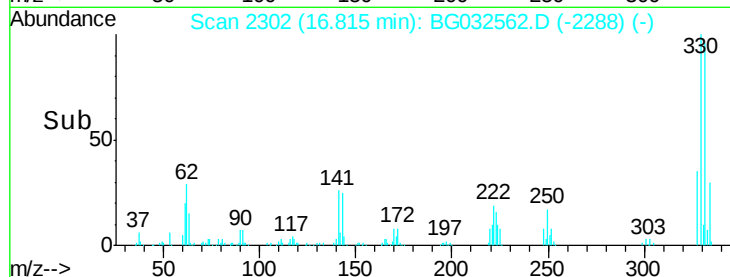
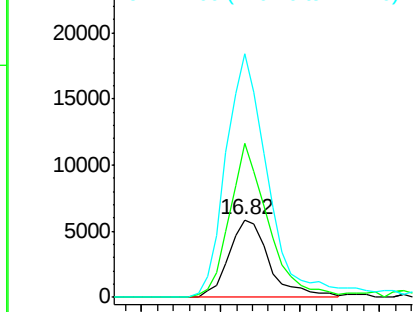
#66
4-Bromophenyl-phenylether
Concen: 3.924 ng
RT: 16.82 min Scan# 2302
Delta R.T. -0.45 min
Lab File: BG032562.D
Acq: 6 Feb 2018 8:47

Instrument :
BNA_G
ClientSampleId :
PB106300BL

Tgt Ion:248 Resp: 10396
Ion Ratio Lower Upper
248 100
250 199.0 77.1 115.7#
141 315.2 50.8 76.2#

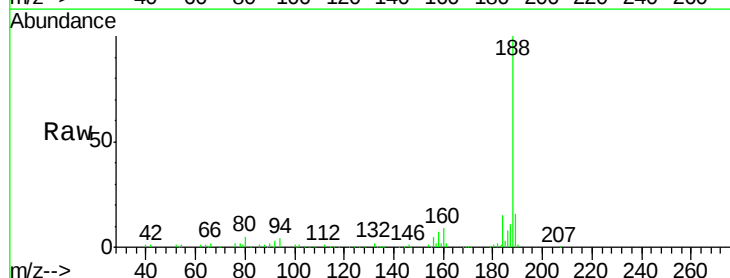


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

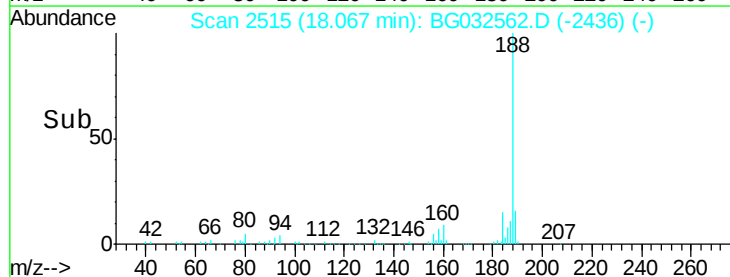
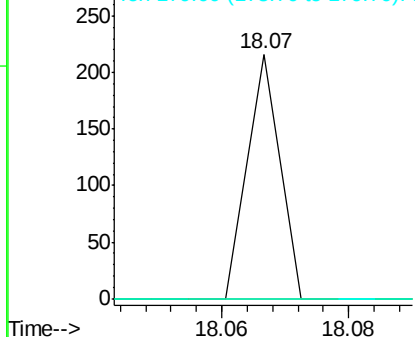


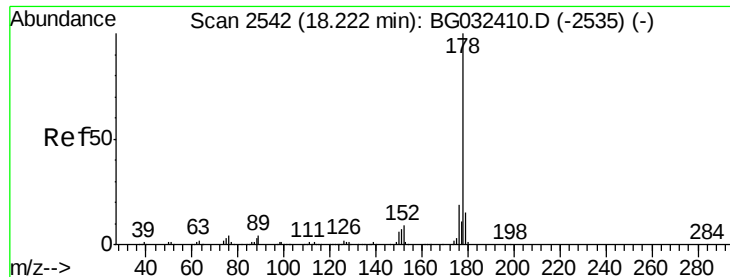
#70
Phenanthrene
Concen: 0.008 ng
RT: 18.07 min Scan# 2515
Delta R.T. -0.07 min
Lab File: BG032562.D
Acq: 6 Feb 2018 8:47

Tgt Ion:178 Resp: 76
Ion Ratio Lower Upper
178 100
176 0.0 15.7 23.5#
179 0.0 12.5 18.7#



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

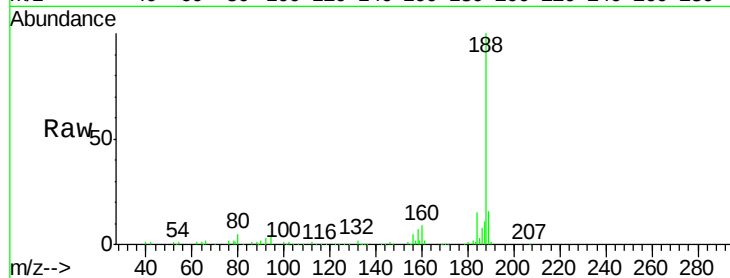




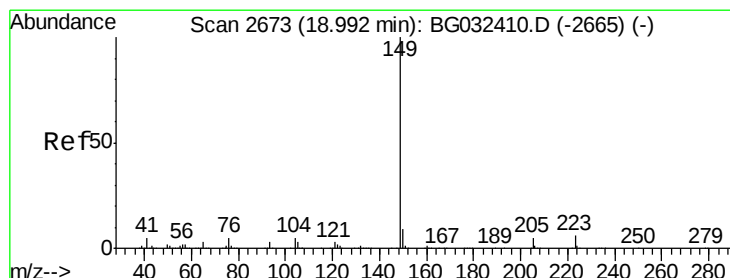
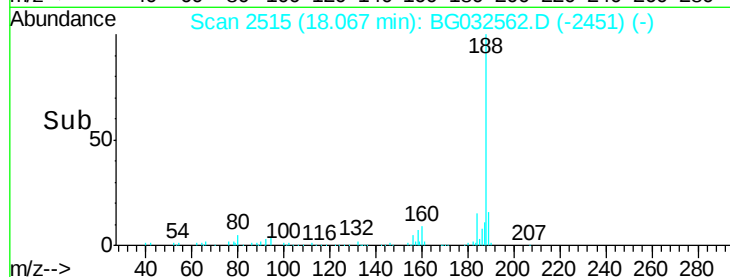
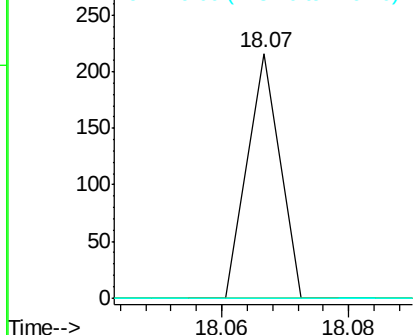
#71
 Anthracene
 Concen: 0.008 ng
 RT: 18.07 min Scan# 2515
 Delta R.T. -0.16 min
 Lab File: BG032562.D
 Acq: 6 Feb 2018 8:47

Instrument :
 BNA_G
 ClientSampleId :
 PB106300BL

Tgt Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.0	24.0#
179	0.0	12.5	18.7#

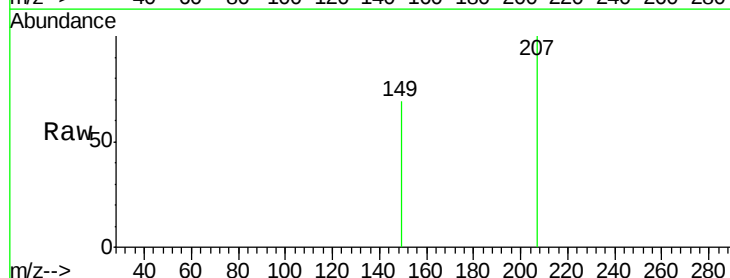


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

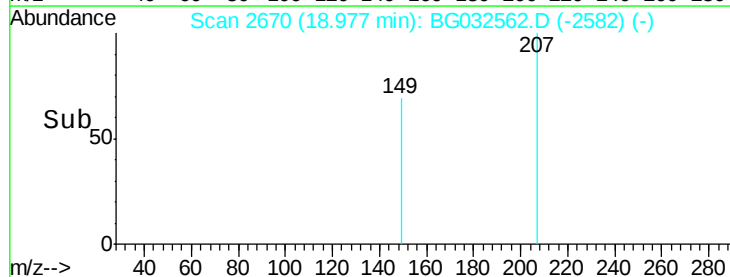
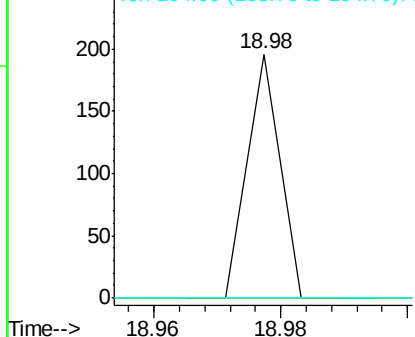


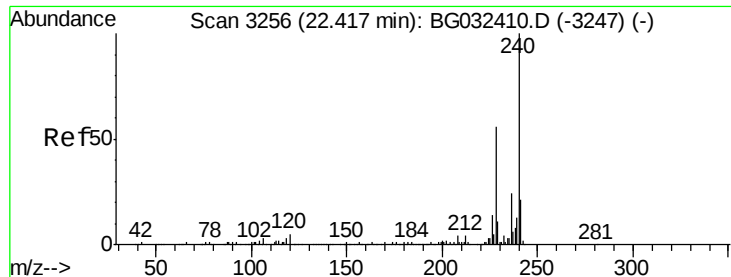
#73
 Di-n-butylphthalate
 Concen: 0.007 ng
 RT: 18.98 min Scan# 2670
 Delta R.T. -0.01 min
 Lab File: BG032562.D
 Acq: 6 Feb 2018 8:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.8	11.6#
104	0.0	3.9	5.9#



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

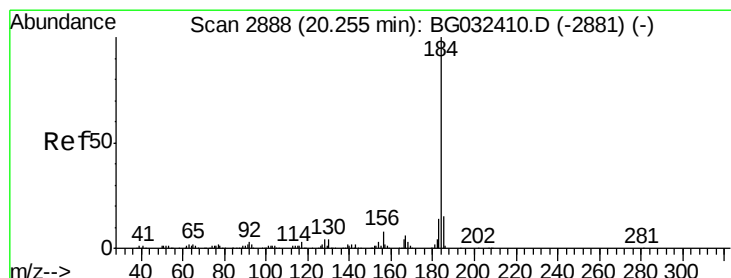
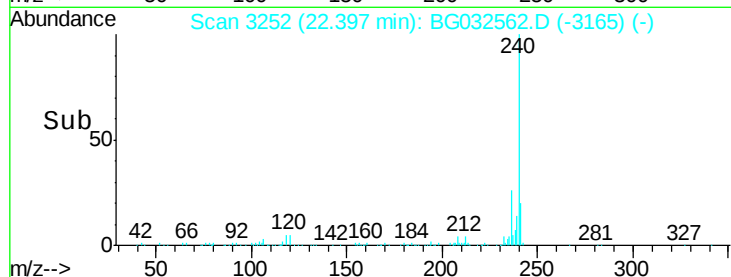
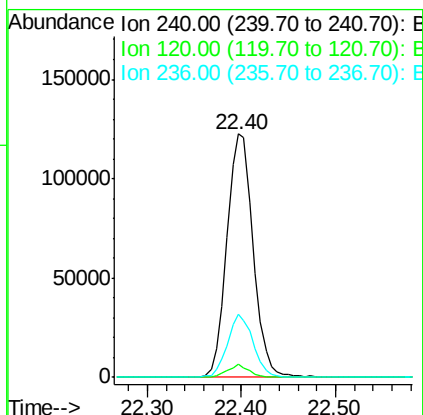
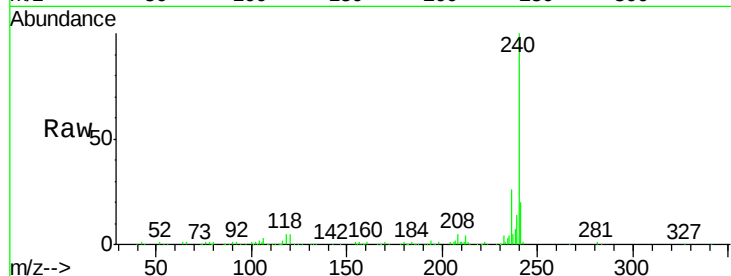




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.40 min Scan# 3252
Delta R.T. -0.02 min
Lab File: BG032562.D
Acq: 6 Feb 2018 8:47

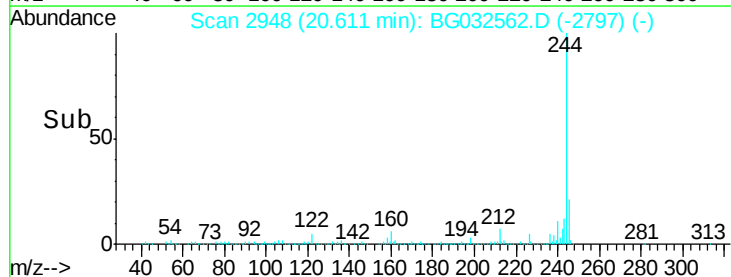
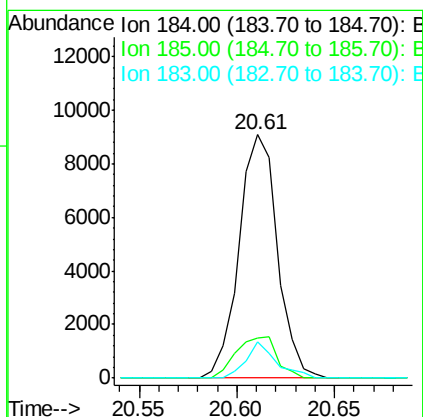
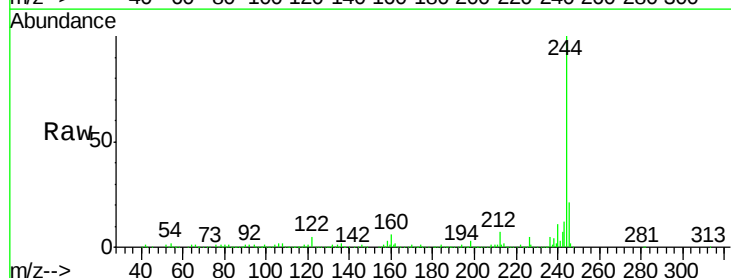
Instrument :
BNA_G
ClientSampleId :
PB106300BL

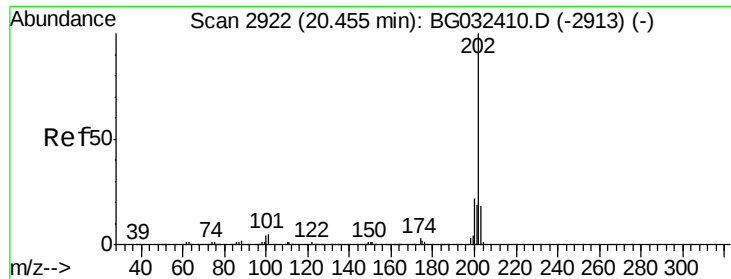
Tgt Ion:240 Resp: 237382
Ion Ratio Lower Upper
240 100
120 5.2 6.8 10.2#
236 25.8 20.9 31.3



#76
Benzidine
Concen: 2.651 ng
RT: 20.61 min Scan# 2948
Delta R.T. 0.36 min
Lab File: BG032562.D
Acq: 6 Feb 2018 8:47

Tgt Ion:184 Resp: 12355
Ion Ratio Lower Upper
184 100
185 16.5 11.1 16.7
183 14.8 10.6 16.0





#77

Pyrene

Concen: 0.221 ng

RT: 20.61 min Scan# 2948

Delta R.T. 0.16 min

Lab File: BG032562.D

Acq: 6 Feb 2018 8:47

Instrument :

BNA_G

ClientSampleId :

PB106300BL

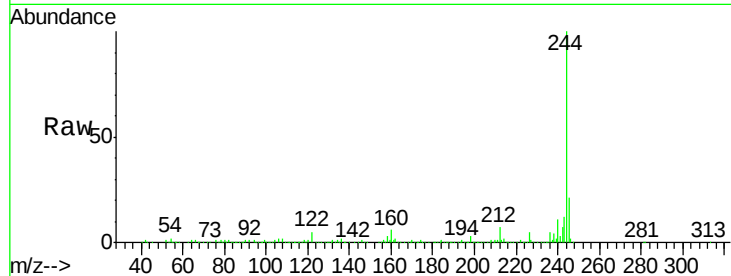
Tgt Ion:202 Resp: 3211

Ion Ratio Lower Upper

202 100

200 40.4 16.9 25.3#

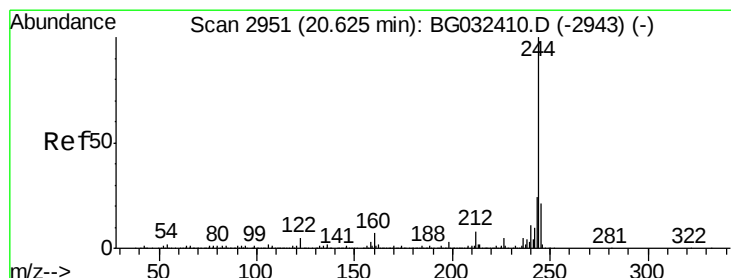
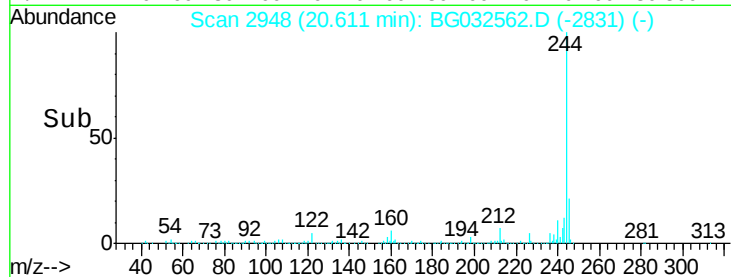
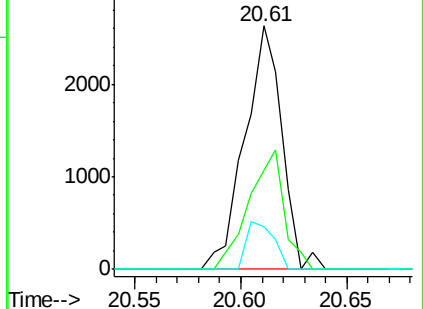
203 17.5 13.9 20.9



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



#78

Terphenyl-d14

Concen: 81.423 ng

RT: 20.61 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BG032562.D

Acq: 6 Feb 2018 8:47

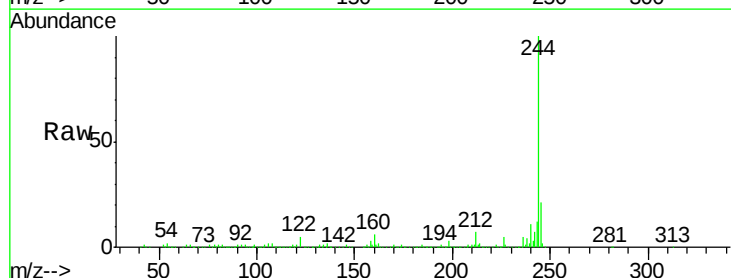
Tgt Ion:244 Resp: 902318

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

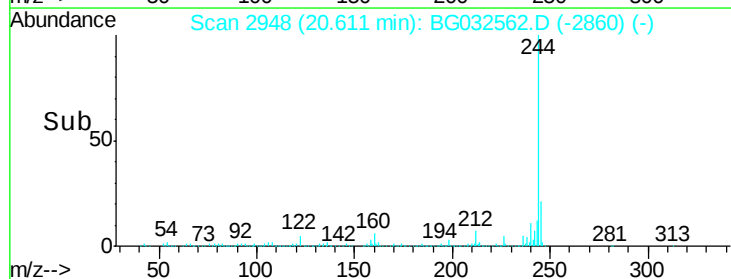
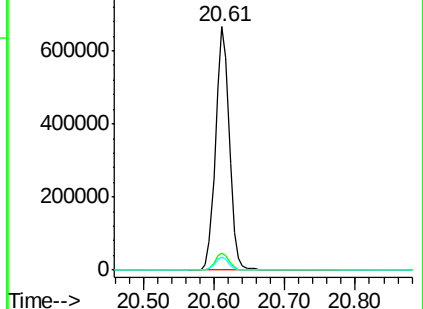
122 5.4 7.0 10.4#

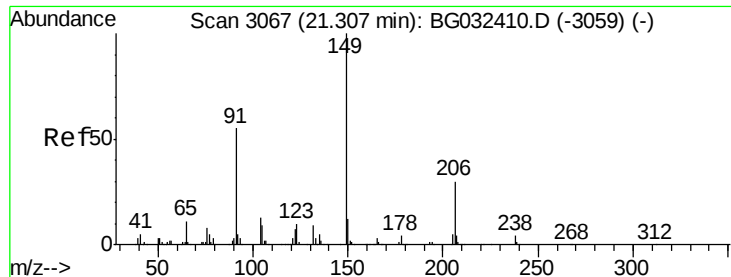


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 0.012 ng

RT: 21.20 min Scan# 3049

Delta R.T. -0.10 min

Lab File: BG032562.D

Acq: 6 Feb 2018 8:47

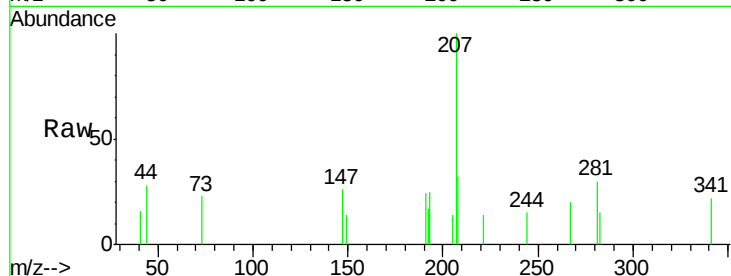
Instrument :

BNA_G

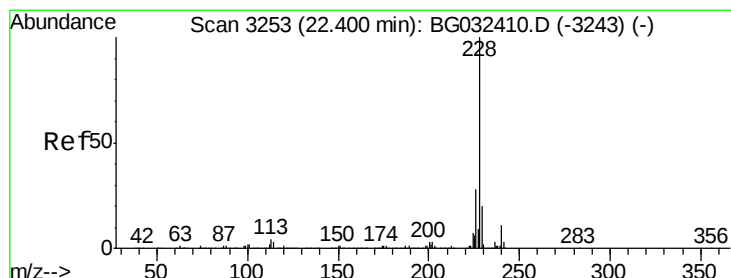
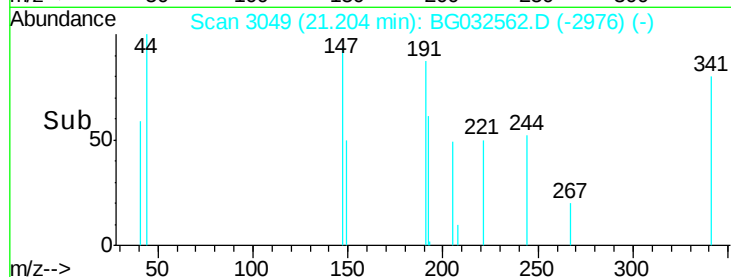
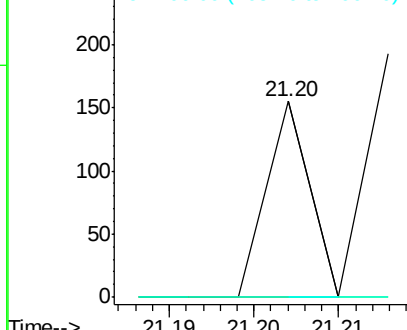
ClientSampled :

PB106300BL

Tgt Ion:	149	Resp:	55
Ion Ratio	Lower	Upper	
149	100		
91	0.0	62.2	93.2#
206	0.0	18.6	27.8#



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



#80

Benzo(a)anthracene

Concen: 0.060 ng

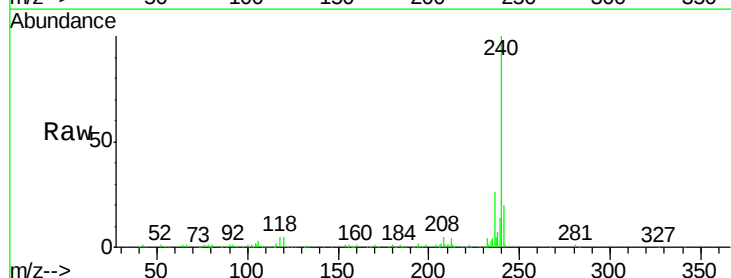
RT: 22.40 min Scan# 3252

Delta R.T. -0.00 min

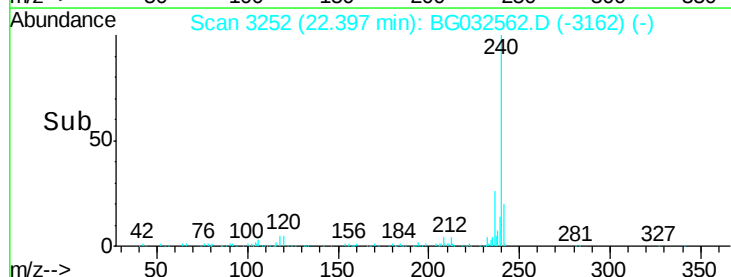
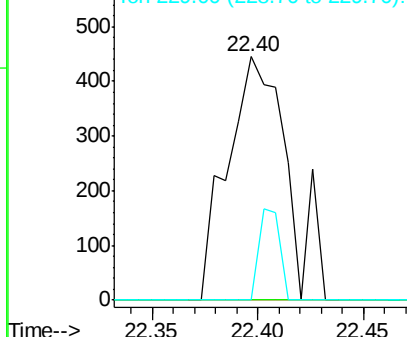
Lab File: BG032562.D

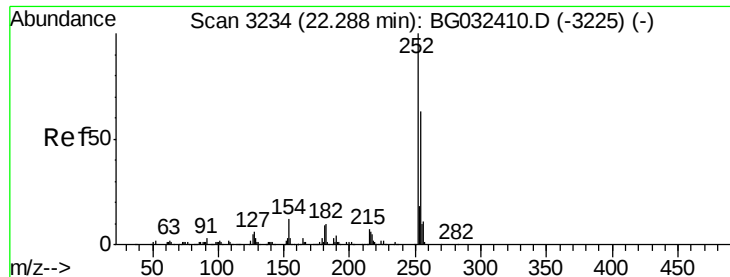
Acq: 6 Feb 2018 8:47

Tgt Ion:	228	Resp:	879
Ion Ratio	Lower	Upper	
228	100		
226	0.0	22.7	34.1#
229	0.0	16.2	24.2#



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

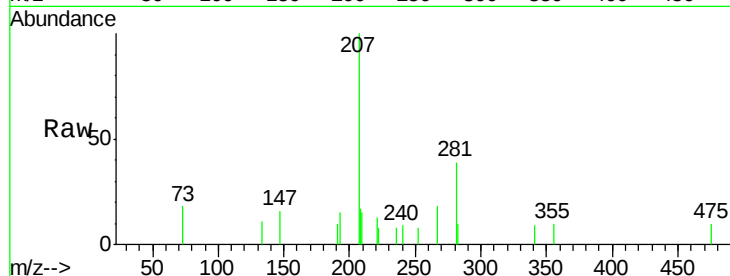




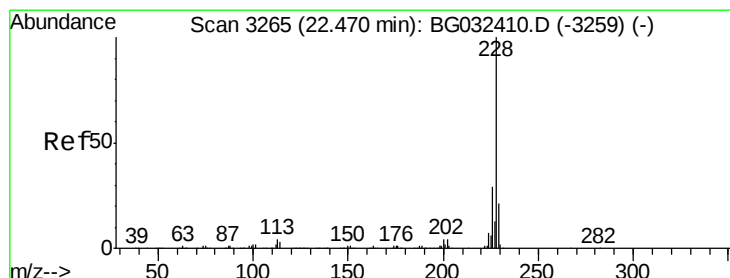
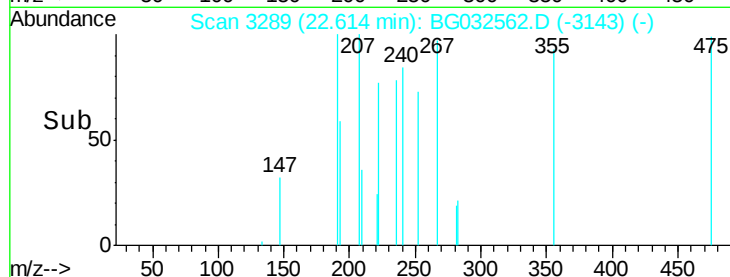
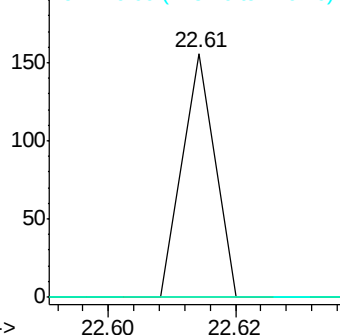
#81
 3,3'-Dichlorobenzidine
 Concen: 0.010 ng
 RT: 22.61 min Scan# 3289
 Delta R.T. 0.33 min
 Lab File: BG032562.D
 Acq: 6 Feb 2018 8:47

Instrument :
 BNA_G
 ClientSampleId :
 PB106300BL

Tgt Ion:252 Resp: 55
 Ion Ratio Lower Upper
 252 100
 254 0.0 50.8 76.2#
 126 0.0 7.4 11.2#

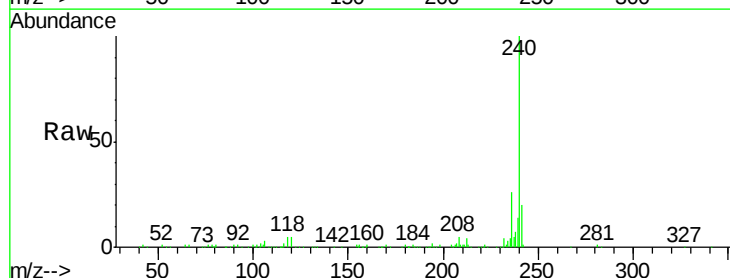


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

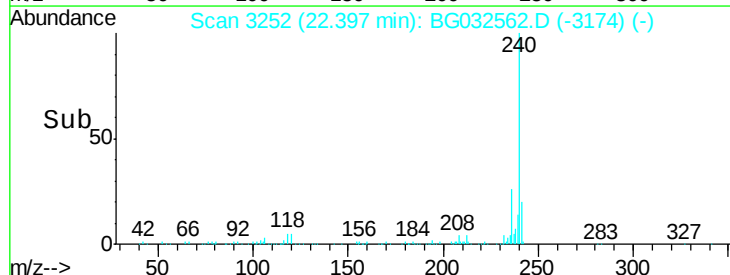
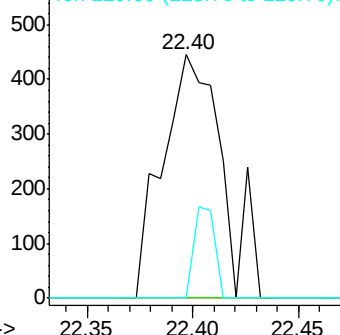


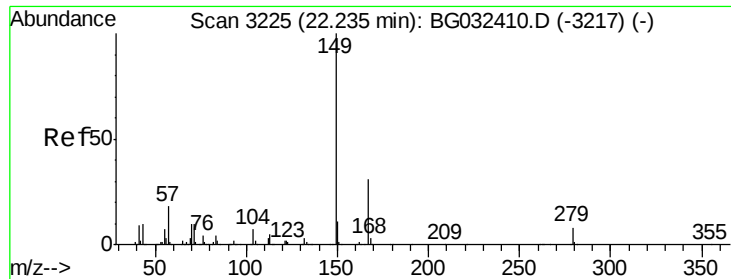
#82
 Chrysene
 Concen: 0.062 ng
 RT: 22.40 min Scan# 3252
 Delta R.T. -0.07 min
 Lab File: BG032562.D
 Acq: 6 Feb 2018 8:47

Tgt Ion:228 Resp: 879
 Ion Ratio Lower Upper
 228 100
 226 0.0 24.9 37.3#
 229 0.0 15.0 22.4#



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

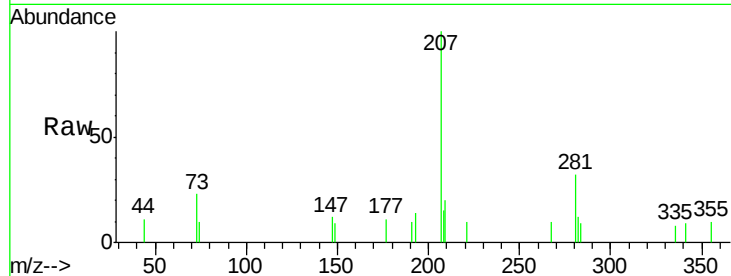




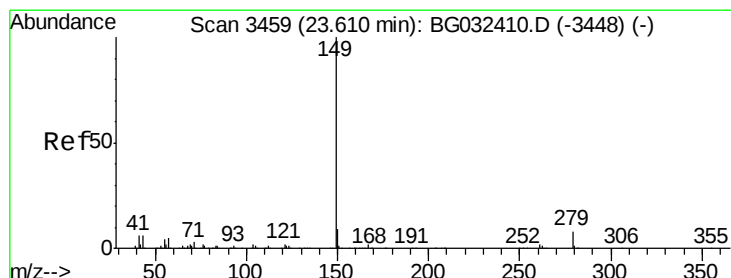
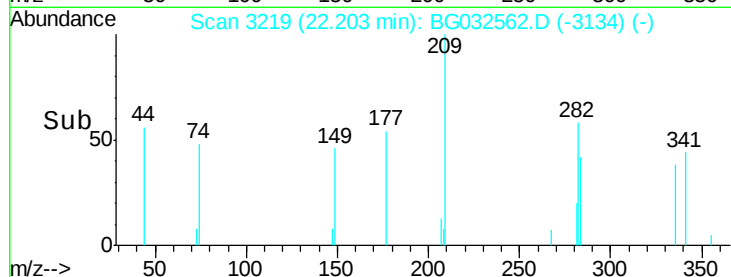
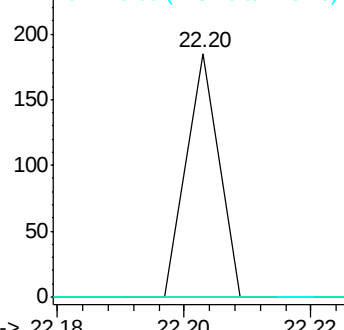
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.010 ng
 RT: 22.20 min Scan# 3219
 Delta R.T. -0.03 min
 Lab File: BG032562.D
 Acq: 6 Feb 2018 8:47

Instrument :
 BNA_G
 ClientSampleId :
 PB106300BL

Tgt Ion:149 Resp: 65
 Ion Ratio Lower Upper
 149 100
 167 0.0 24.3 36.5#
 279 0.0 4.0 6.0#

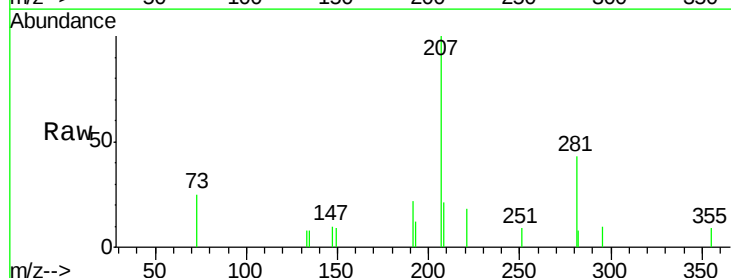


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

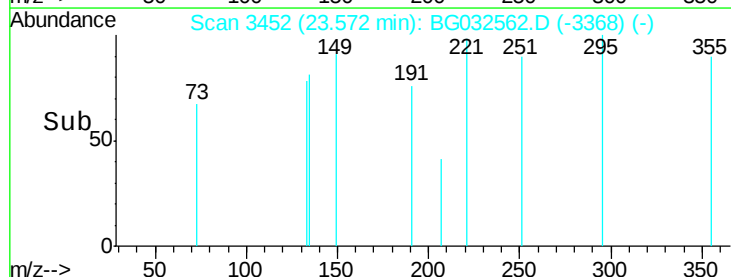
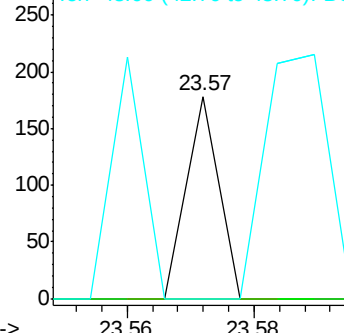


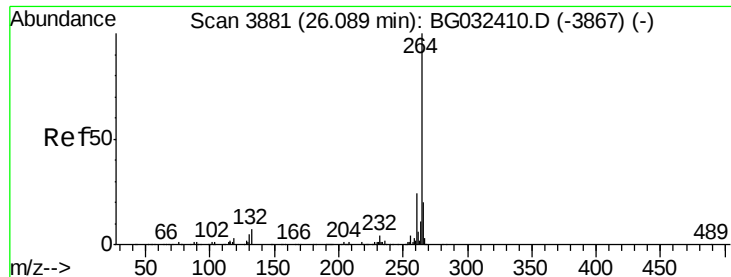
#84
 Di-n-octyl phthalate
 Concen: 0.006 ng
 RT: 23.57 min Scan# 3452
 Delta R.T. -0.04 min
 Lab File: BG032562.D
 Acq: 6 Feb 2018 8:47

Tgt Ion:149 Resp: 63
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.4 2.0#
 43 119.0 8.9 13.3#



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





#86

Perylene-d12

Concen: 20.000 ng

RT: 26.07 min Scan# 3877

Delta R.T. -0.02 min

Lab File: BG032562.D

Acq: 6 Feb 2018 8:47

Instrument :

BNA_G

ClientSampleId :

PB106300BL

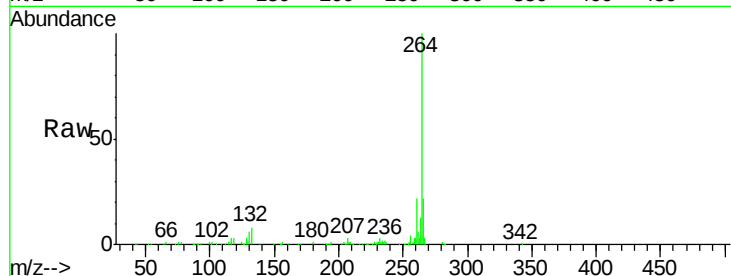
Tgt Ion:264 Resp: 261981

Ion Ratio Lower Upper

264 100

260 22.0 17.4 26.0

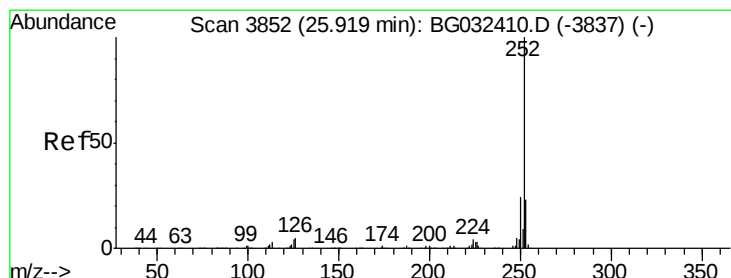
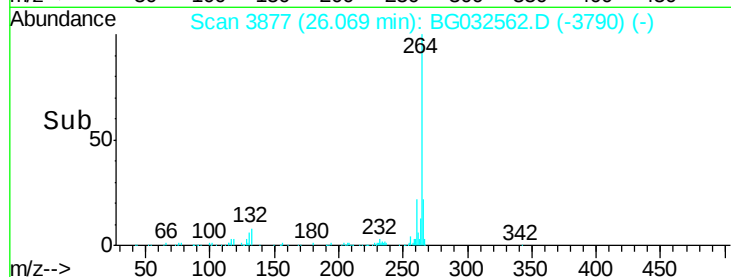
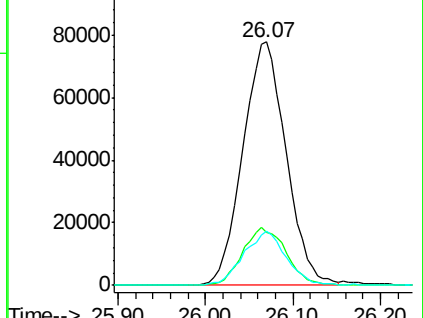
265 22.2 17.7 26.5



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



#89

Benzo(a)pyrene

Concen: 0.004 ng

RT: 25.93 min Scan# 3854

Delta R.T. 0.01 min

Lab File: BG032562.D

Acq: 6 Feb 2018 8:47

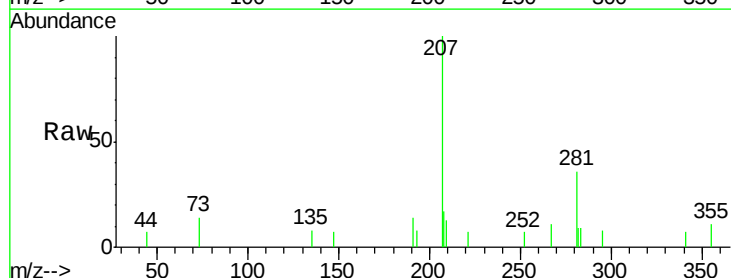
Tgt Ion:252 Resp: 53

Ion Ratio Lower Upper

252 100

253 0.0 18.3 27.5#

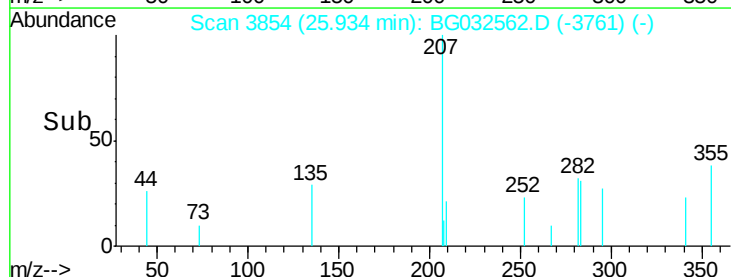
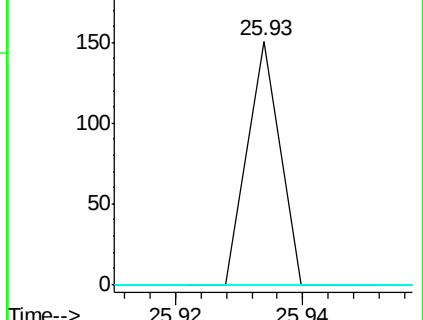
125 0.0 7.3 10.9#

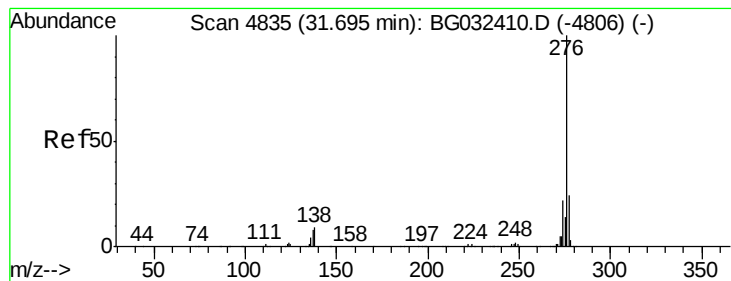


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(g,h,i)perylene

Concen: 0.004 ng

RT: 31.59 min Scan# 4816

Delta R.T. -0.11 min

Lab File: BG032562.D

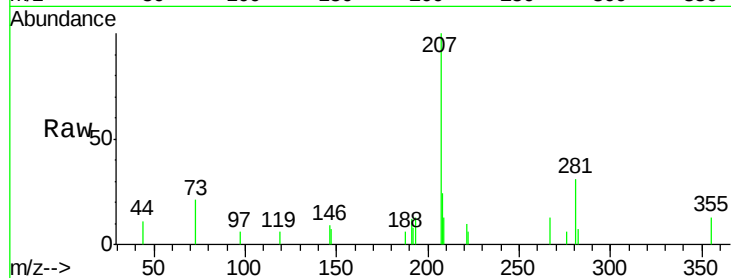
Acq: 6 Feb 2018 8:47

Instrument :

BNA_G

ClientSampleId :

PB106300BL



Tgt Ion:	276	Resp:	55
Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.3	27.5#
138	0.0	13.9	20.9#

