

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022118\
 Data File : BG032770.D
 Acq On : 21 Feb 2018 21:35
 Operator : SJ/JU
 Sample : PB106713TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106713TB

Quant Time: Feb 22 06:17:14 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 21 15:45:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	75879	20.00	ng	0.00
21) Naphthalene-d8	11.82	136	335273	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	187179	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	403032	20.00	ng	0.00
75) Chrysene-d12	22.63	240	375886	20.00	ng	-0.01
86) Perylene-d12	26.44	264	404417	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.34	112	648910	136.82	ng	0.00
7) Phenol-d6	8.02	99	850971	128.72	ng	0.00
23) Nitrobenzene-d5	10.13	82	455313	93.16	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	266421	135.37	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1083119	83.46	ng	0.00
78) Terphenyl-d14	20.79	244	1454232	86.92	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.91	88	149	0.072	ng	# 80
4) n-Nitrosodimethylamine	4.35	42	200	0.088	ng	# 1
6) Aniline	8.44	93	982	0.110	ng	# 1
8) 2-Chlorophenol	8.48	128	54	0.010	ng	# 1
9) Benzaldehyde	8.02	77	1437	0.377	ng	# 5
10) Phenol	8.44	94	1553	0.233	ng	# 1
11) bis(2-Chloroethyl)ether	8.44	93	982	0.180	ng	# 1
15) Benzyl Alcohol	9.27	79	8347	1.717	ng	# 38
16) 2,2'-oxybis(1-Chloropropan	9.38	45	63	0.007	ng	# 75
19) n-Nitroso-di-n-propylamine	10.13	70	59663	12.784	ng	# 82
24) Nitrobenzene	10.13	77	1454	6.616	ng	# 30
25) Isophorone	10.26	82	56	0.005	ng	# 69
45) 1,1'-Biphenyl	14.38	154	2799	0.171	ng	# 96
47) 2-Nitroaniline	14.17	65	2035	10.361	ng	# 8
50) 2,6-Dinitrotoluene	15.54	165	24316	16.428	ng	# 21
51) Acenaphthene	15.54	154	831	0.067	ng	# 5
56) 2,4-Dinitrotoluene	15.54	165	24316	14.626	ng	# 19
57) Fluorene	17.01	166	13000	0.888	ng	# 85
59) Diethylphthalate	16.30	149	341	0.020	ng	# 58
62) Azobenzene	17.01	77	1642	0.109	ng	# 1
64) 4,6-Dinitro-2-methylphenol	17.01	198	861	5.856	ng	# 1
65) n-Nitrosodiphenylamine	17.00	169	10446	0.797	ng	# 47
66) 4-Bromophenyl-phenylether	17.01	248	18782	4.407	ng	# 1
73) Di-n-butylphthalate	19.16	149	308	0.011	ng	# 78
76) Benzidine	20.42	184	4687	0.366	ng	# 91
77) Pyrene	20.79	202	5538	0.209	ng	# 59
79) Butylbenzylphthalate	21.50	149	60	0.005	ng	# 20
80) Benzo(a)anthracene	22.63	228	1117	0.046	ng	# 67
82) Chrysene	22.63	228	1117	0.049	ng	# 62
83) Bis(2-ethylhexyl)phthalate	22.46	149	953	0.055	ng	# 69
84) Di-n-octyl phthalate	23.89	149	54	0.002	ng	# 1
89) Benzo(a)pyrene	26.45	252	1349	0.059	ng	# 67

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QLast Update : Wed Feb 21 15:45:53 2018
Response via : Initial Calibration

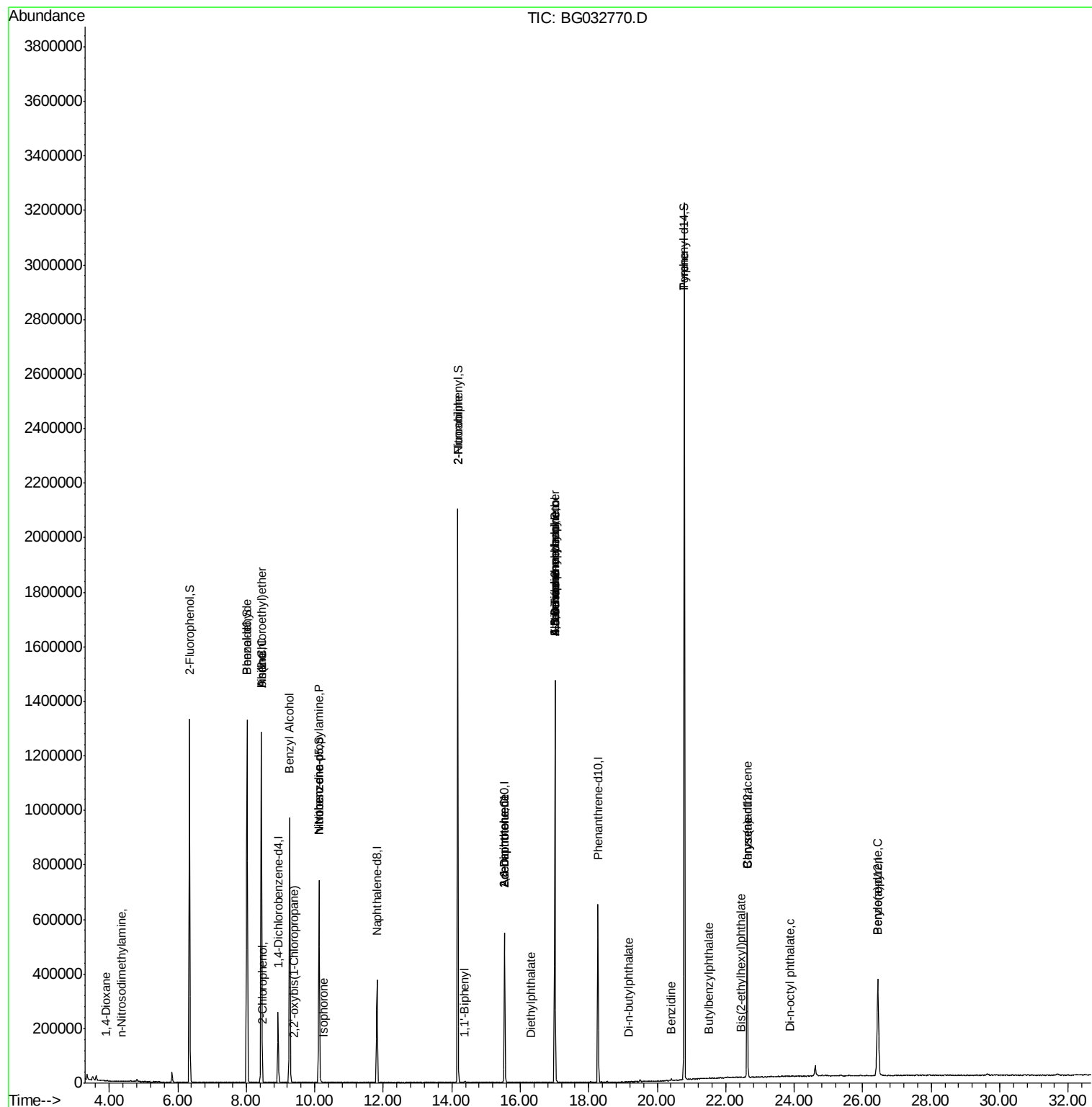
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

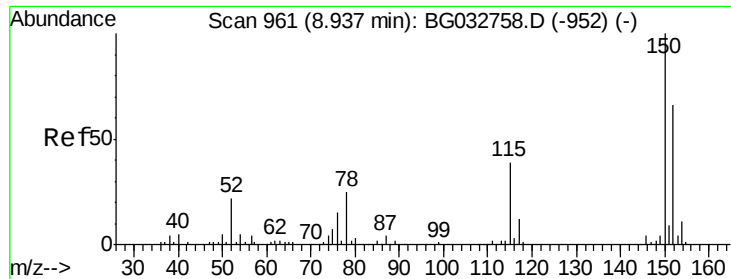
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.93 min Scan# 960

Delta R.T. -0.01 min

Lab File: BG032770.D

Acq: 21 Feb 2018 21:35

Instrument :

BNA_G

ClientSampleId :

PB106713TB

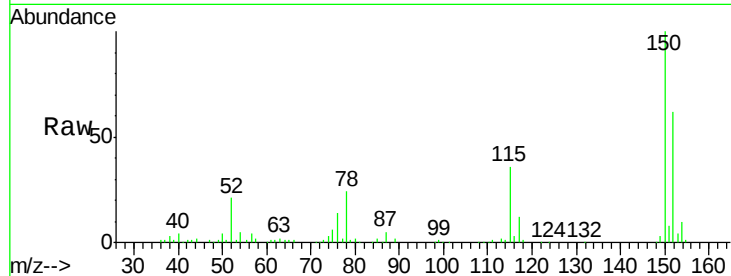
Tot Ion:152 Resp: 75879

Ion Ratio Lower Upper

152 100

150 160.4 126.6 189.8

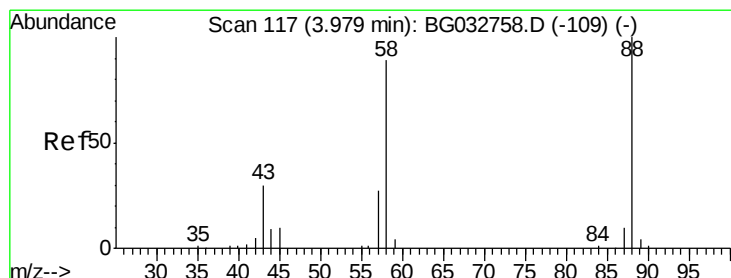
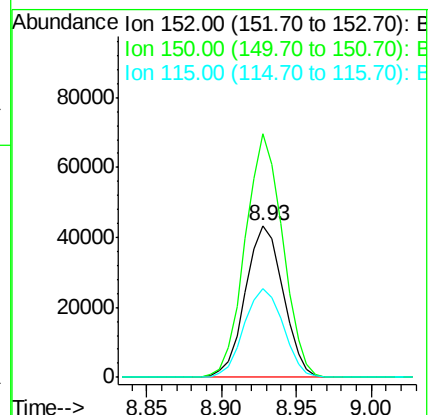
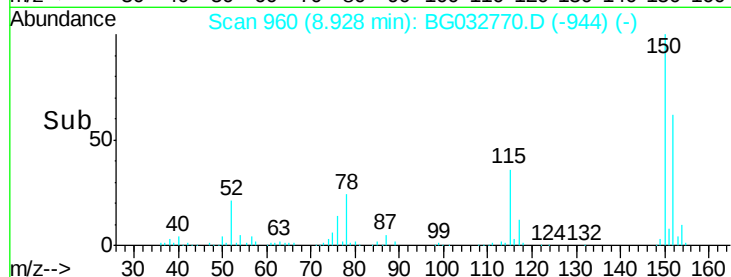
115 58.5 53.0 79.4



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



#2

1,4-Dioxane

Concen: 0.072 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.07 min

Lab File: BG032770.D

Acq: 21 Feb 2018 21:35

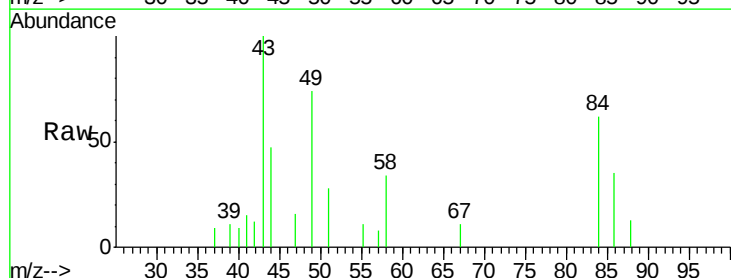
Tgt Ion: 88 Resp: 149

Ion Ratio Lower Upper

88 100

58 92.6 79.6 119.4

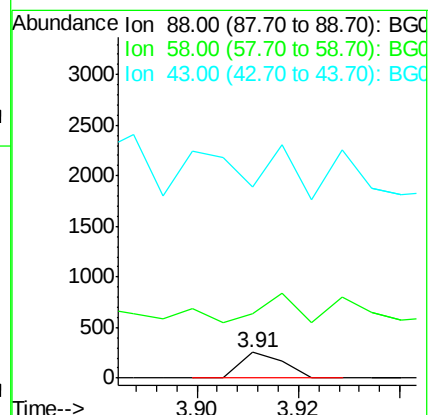
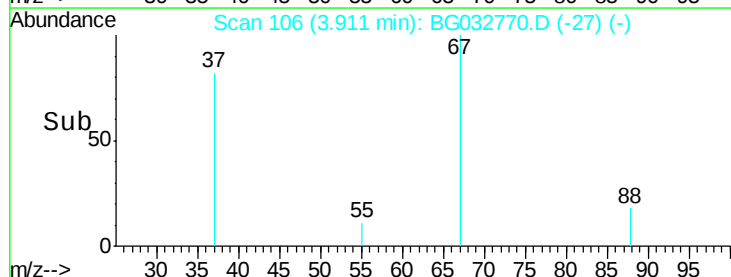
43 0.0 27.4 41.0#

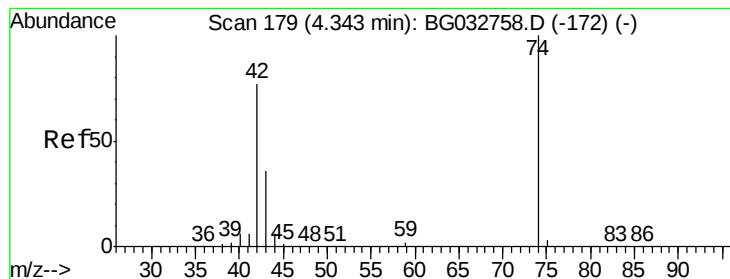


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



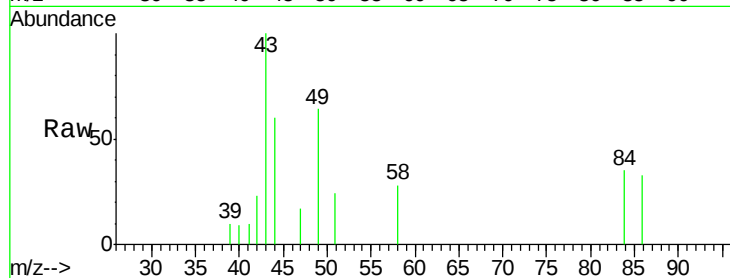


#4

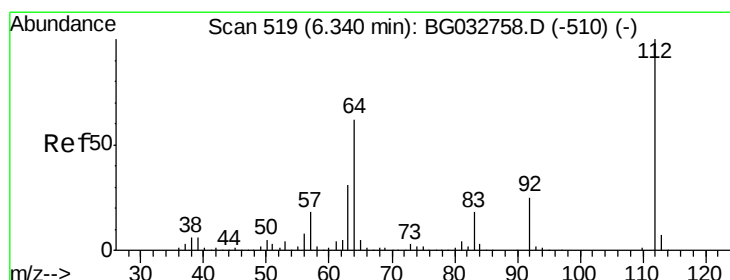
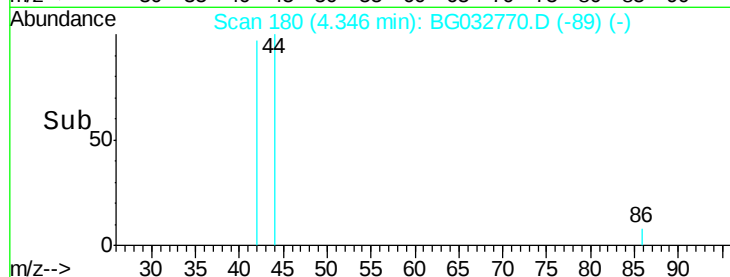
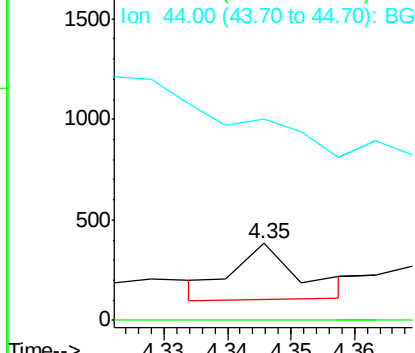
n-Nitrosodimethylamine
 Concen: 0.088 ng
 RT: 4.35 min Scan# 180
 Delta R.T. 0.00 min
 Lab File: BG032770.D
 Acq: 21 Feb 2018 21:35

Instrument :
 BNA_G
 ClientSampleId :
 PB106713TB

Tot Ion: 42 Resp: 200
 Ion Ratio Lower Upper
 42 100
 74 0.0 102.5 153.7#
 44 261.9 18.9 28.3#



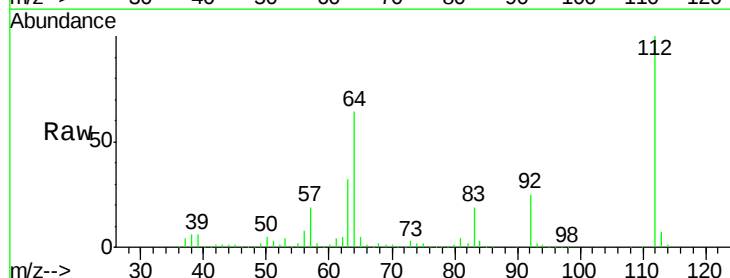
Abundance Ion 42.00 (41.70 to 42.70): BGC
 Ion 74.00 (73.70 to 74.70): BGC
 Ion 44.00 (43.70 to 44.70): BGC



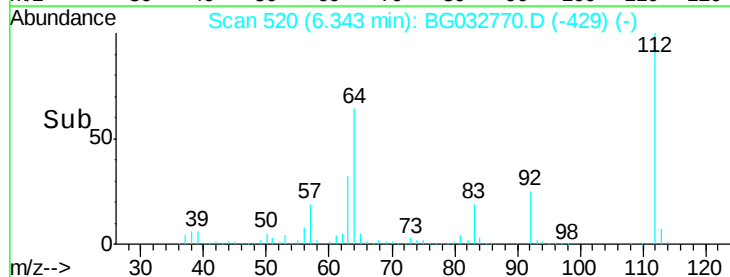
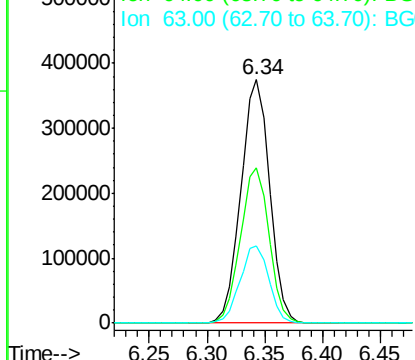
#5

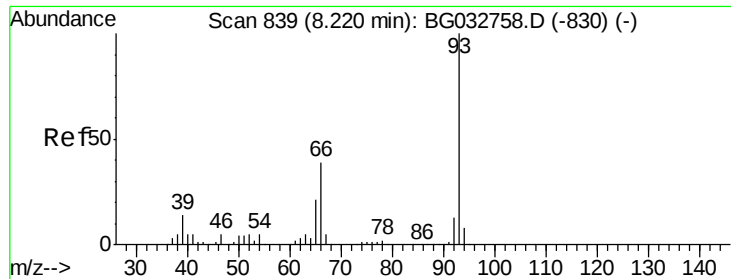
2-Fluorophenol
 Concen: 136.818 ng
 RT: 6.34 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BG032770.D
 Acq: 21 Feb 2018 21:35

Tgt Ion: 112 Resp: 648910
 Ion Ratio Lower Upper
 112 100
 64 64.0 56.3 84.5
 63 31.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

Concen: 0.110 ng

RT: 8.44 min Scan# 877

Delta R.T. 0.22 min

Lab File: BG032770.D

Acq: 21 Feb 2018 21:35

Instrument :

BNA_G

ClientSampleId :

PB106713TB

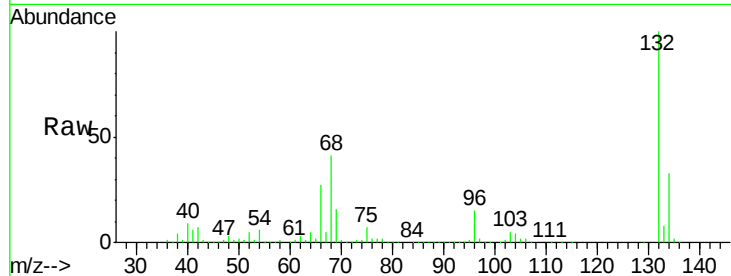
Tot Ion: 93 Resp: 982

Ion Ratio Lower Upper

93 100

66 14410.3 33.7 50.5#

65 1175.2 16.1 24.1#

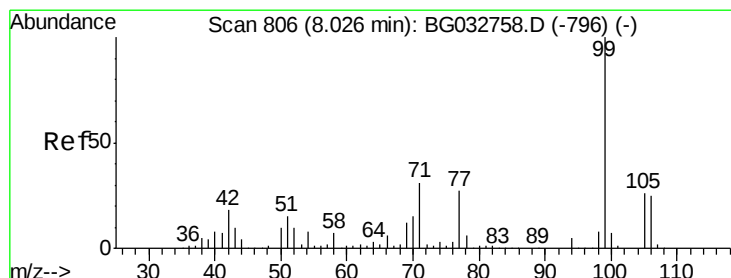
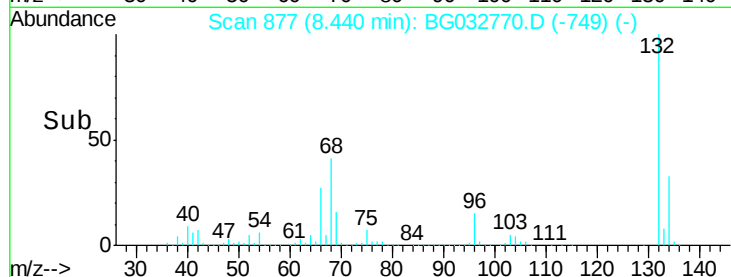
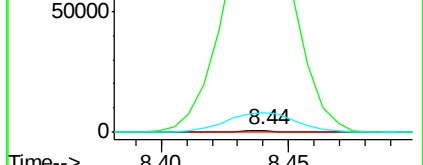


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

100000

50000

0



#7

Phenol-d6

Concen: 128.722 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG032770.D

Acq: 21 Feb 2018 21:35

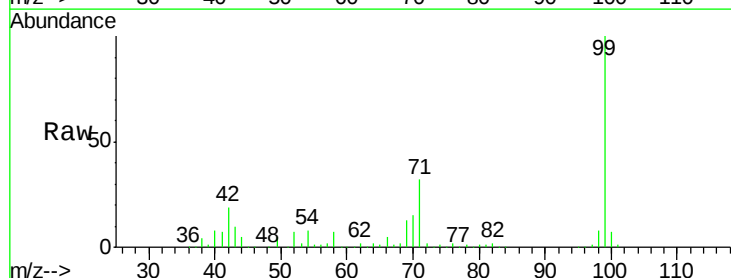
Tgt Ion: 99 Resp: 850971

Ion Ratio Lower Upper

99 100

42 19.2 14.1 21.1

71 31.8 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

600000

500000

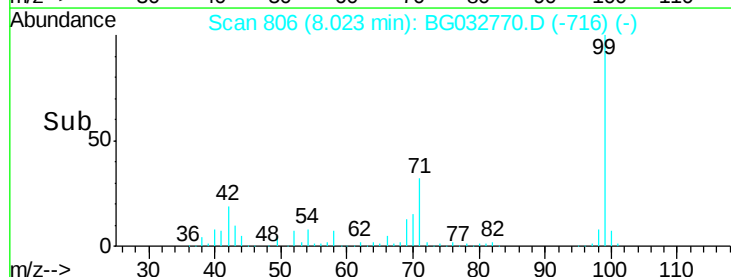
400000

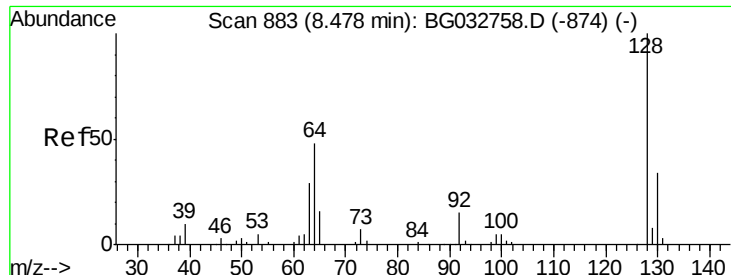
300000

200000

100000

0

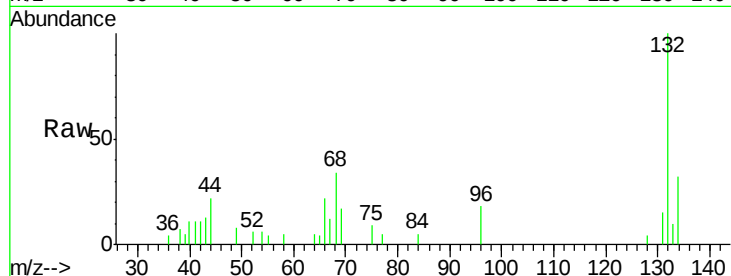




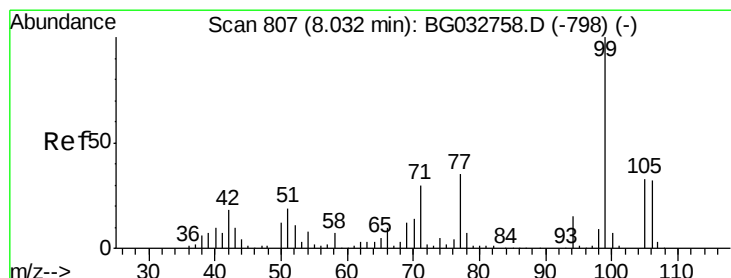
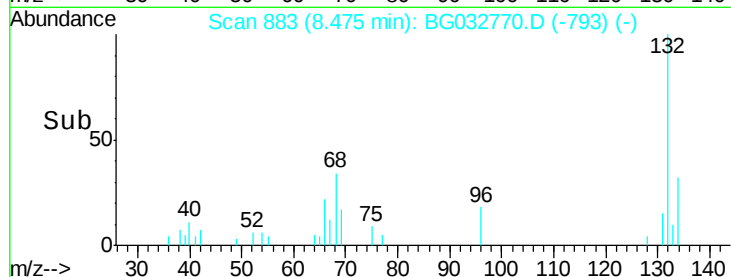
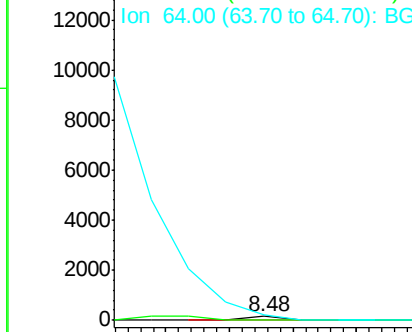
#8
2-Chlorophenol
Concen: 0.010 ng
RT: 8.48 min Scan# 883
Delta R.T. -0.00 min
Lab File: BG032770.D
Acq: 21 Feb 2018 21:35

Instrument :
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Tot Ion:128 Resp: 54
Ion Ratio Lower Upper
128 100
130 0.0 14.0 54.0#
64 148.1 37.7 77.7#

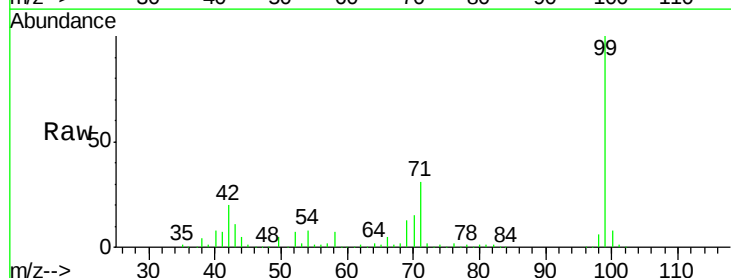


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC

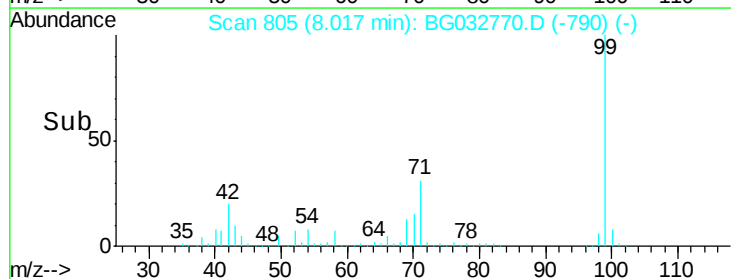
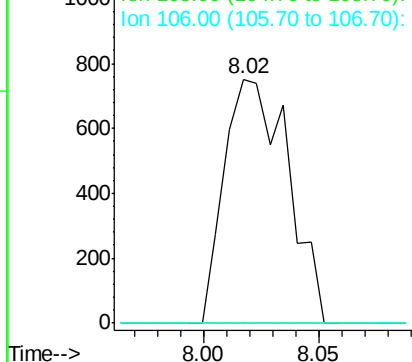


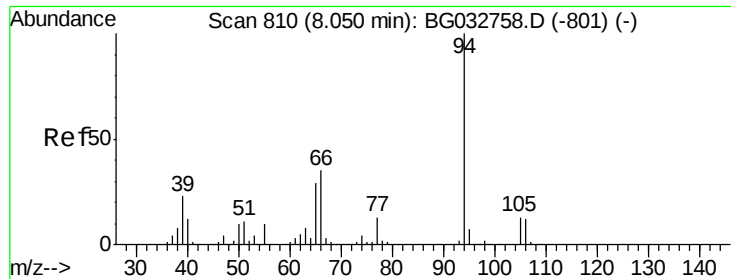
#9
Benzaldehyde
Concen: 0.377 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG032770.D
Acq: 21 Feb 2018 21:35

Tgt Ion: 77 Resp: 1437
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): BGC
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.233 ng

RT: 8.44 min Scan# 877

Delta R.T. 0.39 min

Lab File: BG032770.D

Acq: 21 Feb 2018 21:35

Instrument :

BNA_G

ClientSampled :

PB106713TB

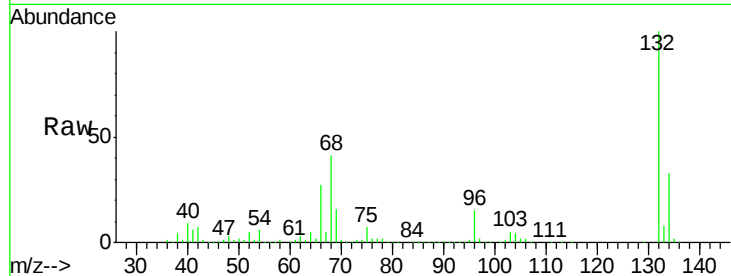
Tot Ion: 94 Resp: 1553

Ion Ratio Lower Upper

94 100

65 915.2 11.9 51.9#

66 11222.3 22.2 62.2#

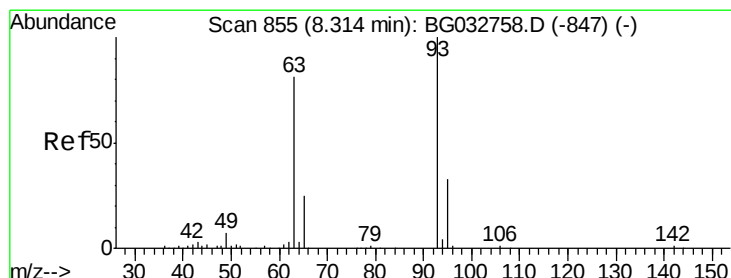
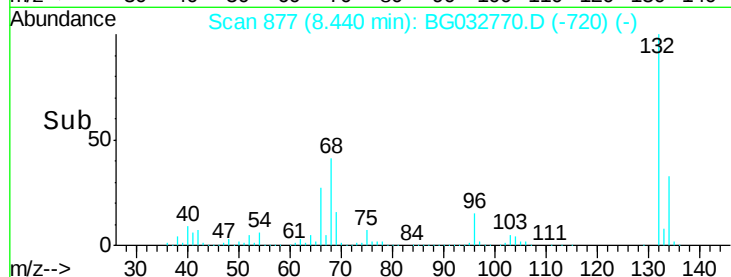
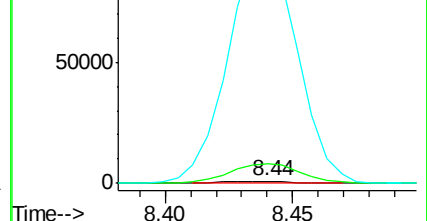


Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

100000

50000

0



#11

bis(2-Chloroethyl)ether

Concen: 0.180 ng

RT: 8.44 min Scan# 877

Delta R.T. 0.13 min

Lab File: BG032770.D

Acq: 21 Feb 2018 21:35

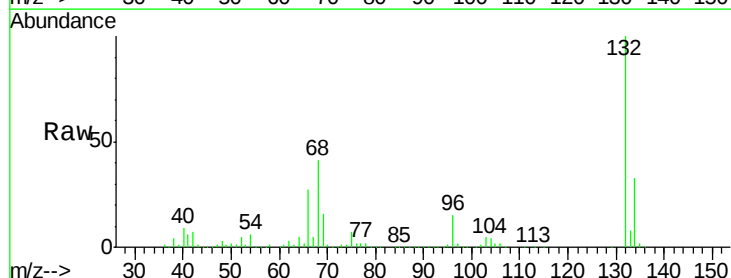
Tgt Ion: 93 Resp: 982

Ion Ratio Lower Upper

93 100

63 529.6 67.1 107.1#

95 302.4 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

5000

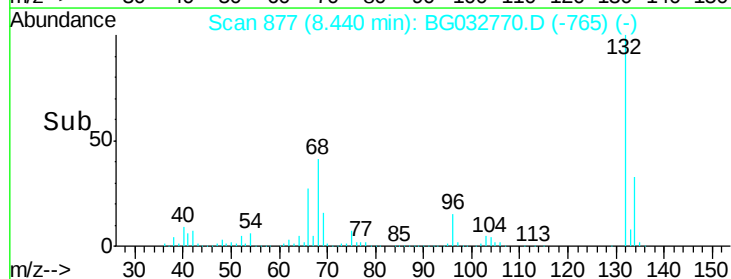
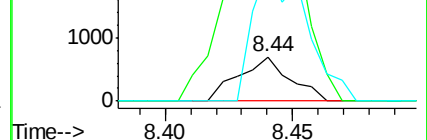
4000

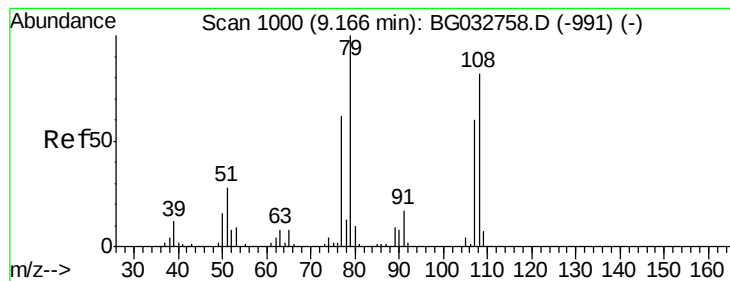
3000

2000

1000

0





#15

Benzyl Alcohol

Concen: 1.717 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.10 min

Lab File: BG032770.D

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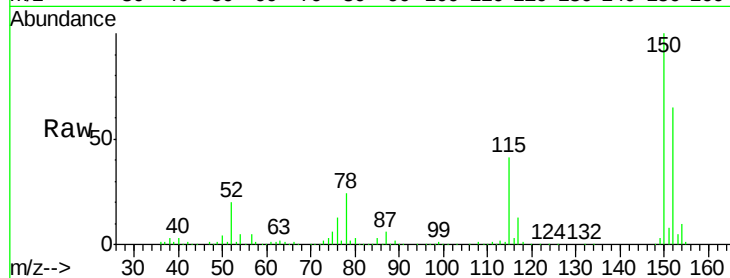
Tot Ion: 79 Resp: 8347

Ion Ratio Lower Upper

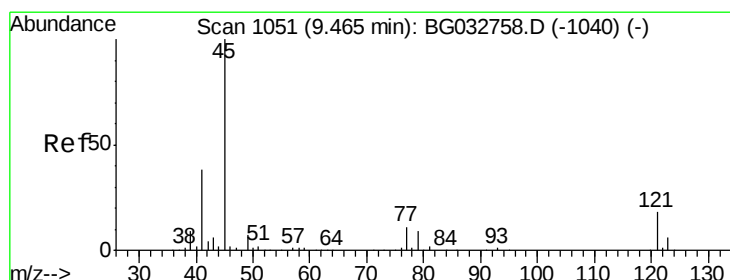
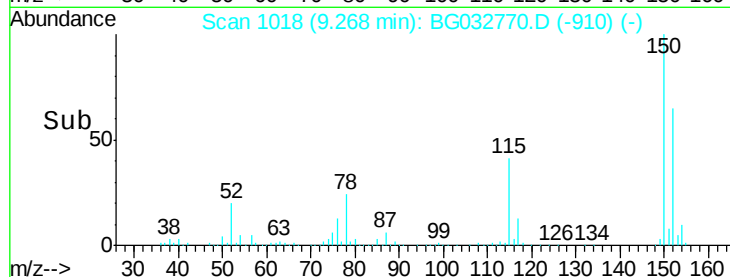
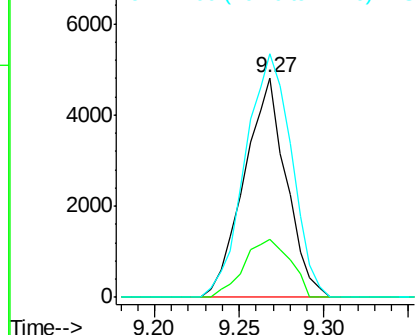
79 100

108 26.4 57.2 85.8#

77 111.0 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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.007 ng

RT: 9.38 min Scan# 1037

Delta R.T. -0.09 min

Lab File: BG032770.D

Acq: 21 Feb 2018 21:35

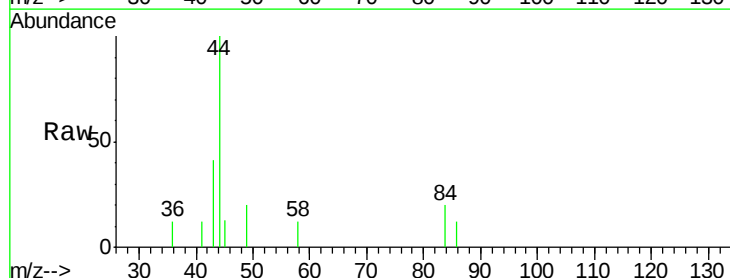
Tgt Ion: 45 Resp: 63

Ion Ratio Lower Upper

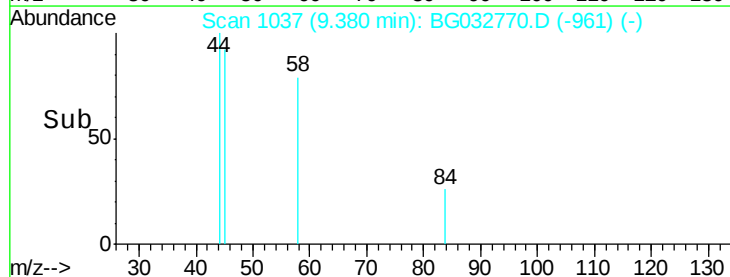
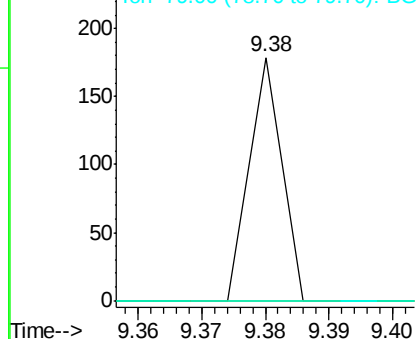
45 100

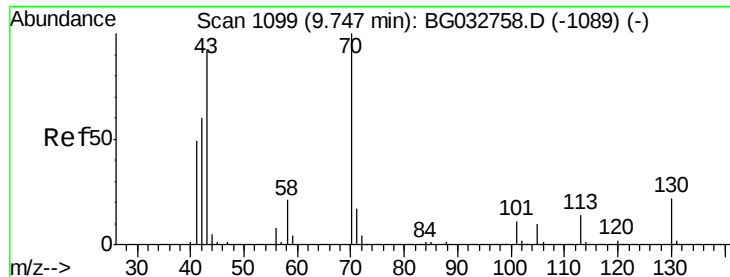
77 0.0 0.0 30.2

79 0.0 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

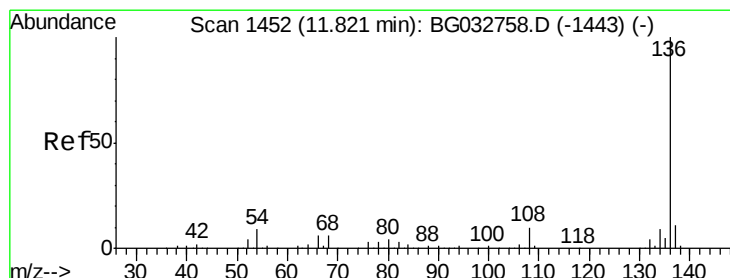
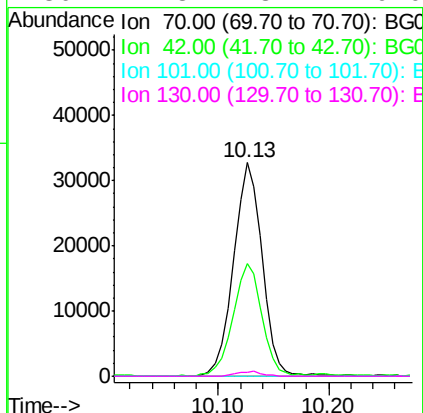
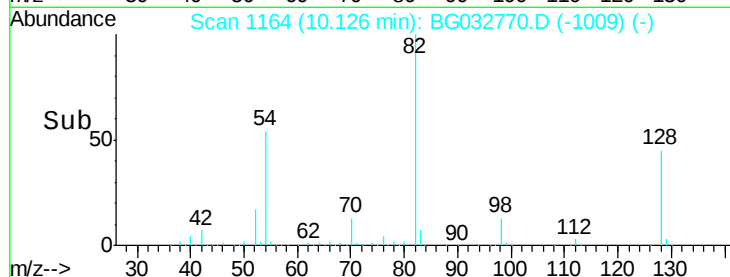
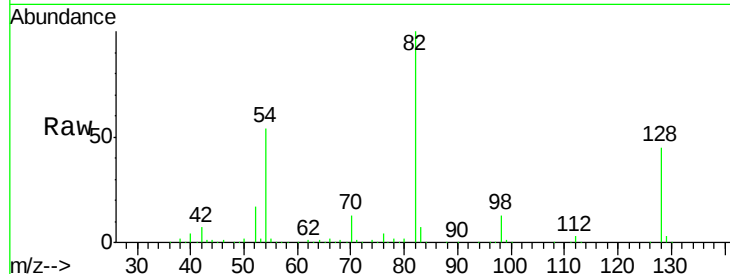




#19
n-Nitroso-di-n-propylamine
Concen: 12.784 ng
RT: 10.13 min Scan# 1164
Delta R.T. 0.38 min
Lab File: BG032770.D
Acq: 21 Feb 2018 21:35

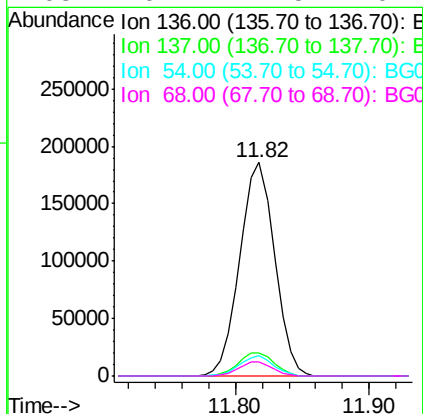
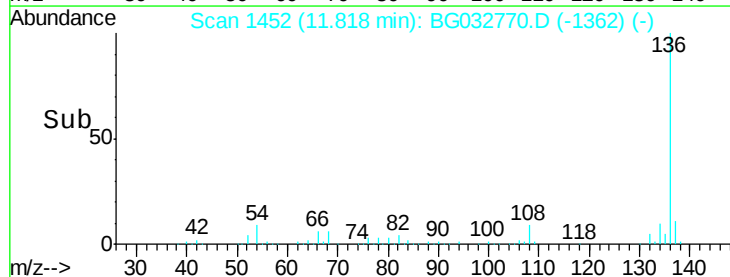
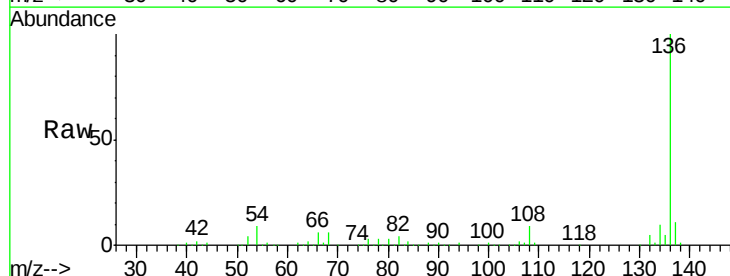
Instrument :
BNA_G
ClientSampleId :
PB106713TB

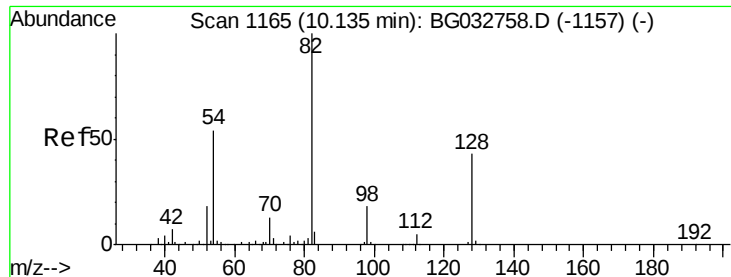
Tot Ion: 70 Resp: 59663
Ion Ratio Lower Upper
70 100
42 52.8 49.1 73.7
101 0.0 8.5 12.7#
130 1.8 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.82 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BG032770.D
Acq: 21 Feb 2018 21:35

Tgt Ion: 136 Resp: 335273
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 9.4 10.3 15.5#
68 6.4 4.5 6.7

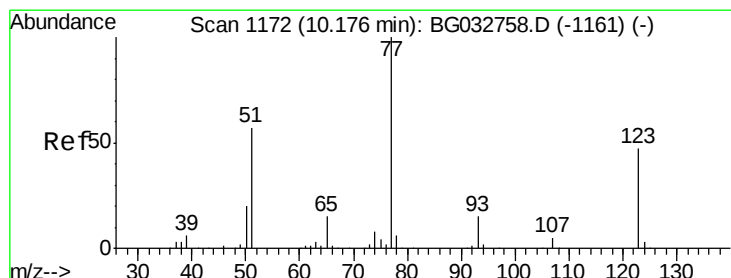
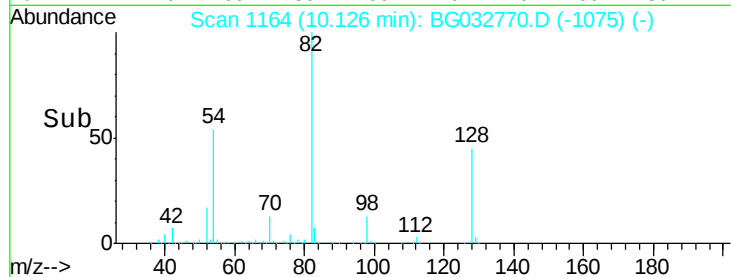
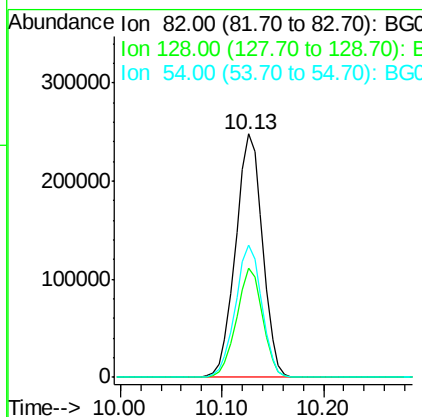
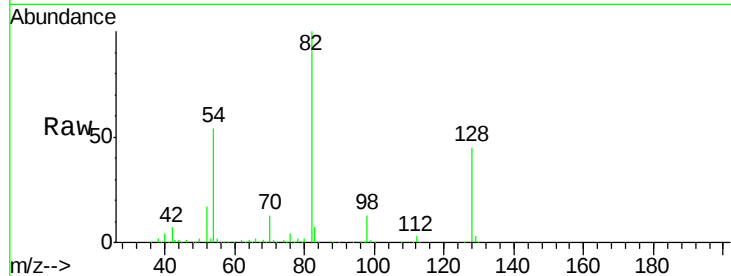




#23
Nitrobenzene-d5
Concen: 93.163 ng
RT: 10.13 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG032770.D
Acq: 21 Feb 2018 21:35

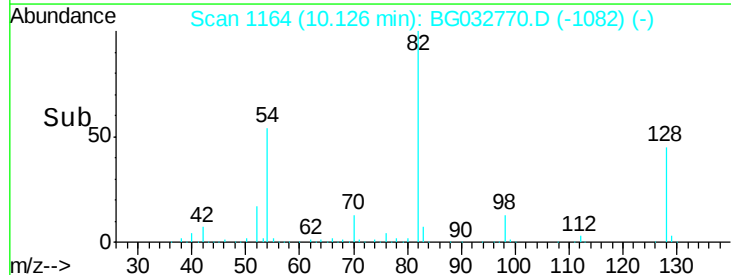
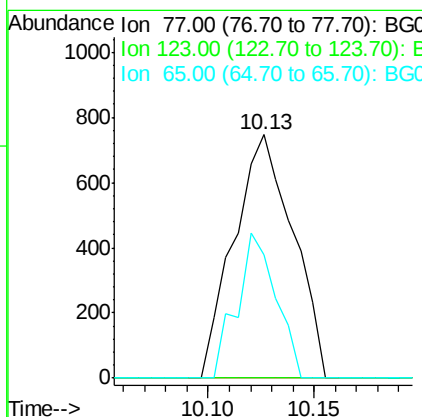
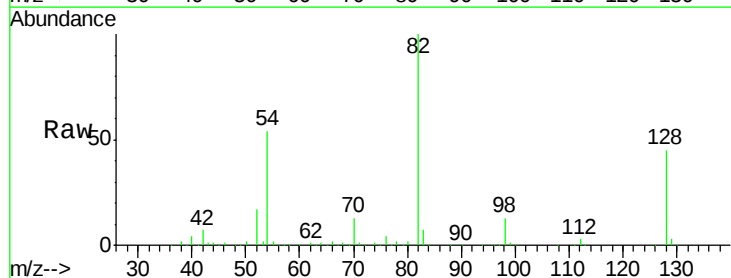
Instrument :
BNA_G
ClientSampleId :
PB106713TB

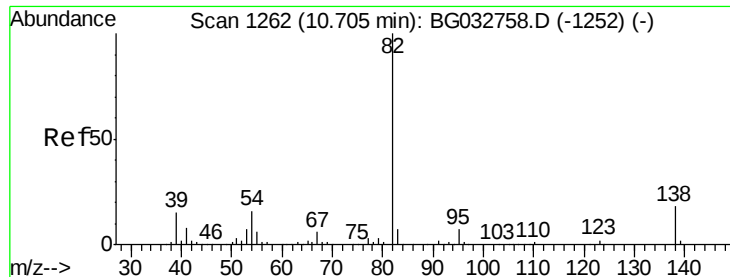
Tot Ion: 82 Resp: 455313
Ion Ratio Lower Upper
82 100
128 44.6 29.7 44.5#
54 54.5 43.1 64.7



#24
Nitrobenzene
Concen: 6.616 ng
RT: 10.13 min Scan# 1164
Delta R.T. -0.05 min
Lab File: BG032770.D
Acq: 21 Feb 2018 21:35

Tgt Ion: 77 Resp: 1454
Ion Ratio Lower Upper
77 100
123 0.0 33.0 49.6#
65 50.7 13.0 19.6#





#25

Isophorone

Concen: 0.005 ng

RT: 10.26 min Scan# 1186

Delta R.T. -0.45 min

Lab File: BG032770.D

Acq: 21 Feb 2018 21:35

Instrument :

BNA_G

ClientSampleId :

PB106713TB

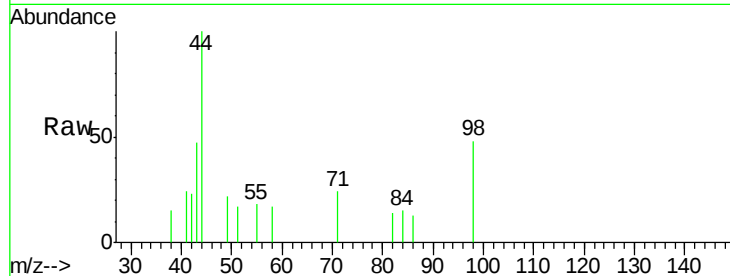
Tot Ion: 82 Resp: 56

Ion Ratio Lower Upper

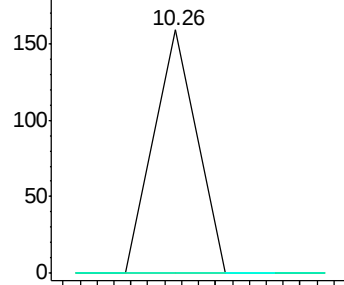
82 100

95 0.0 6.2 9.2#

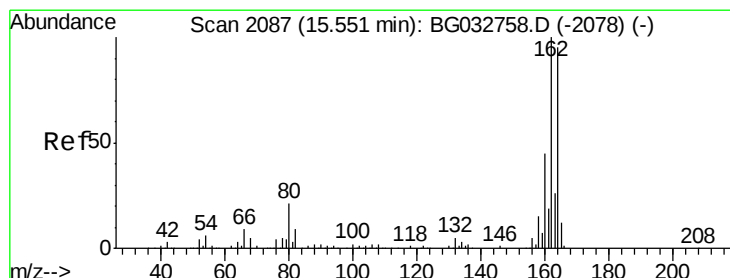
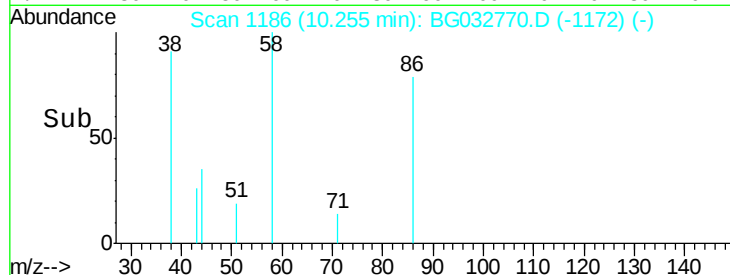
138 0.0 12.1 18.1#



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



Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.54 min Scan# 2086

Delta R.T. -0.01 min

Lab File: BG032770.D

Acq: 21 Feb 2018 21:35

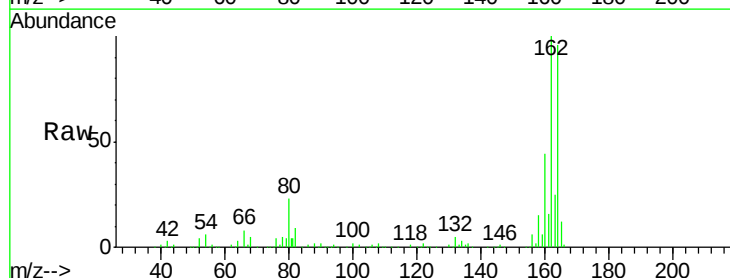
Tgt Ion:164 Resp: 187179

Ion Ratio Lower Upper

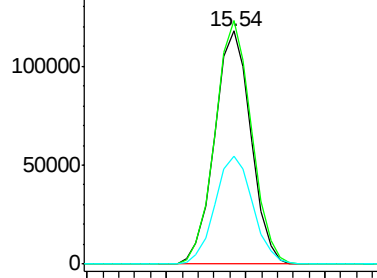
164 100

162 104.4 78.8 118.2

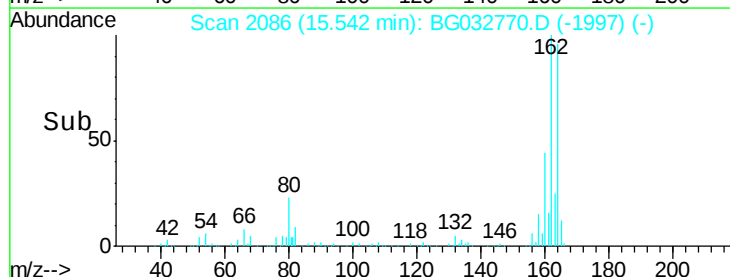
160 46.4 35.4 53.0

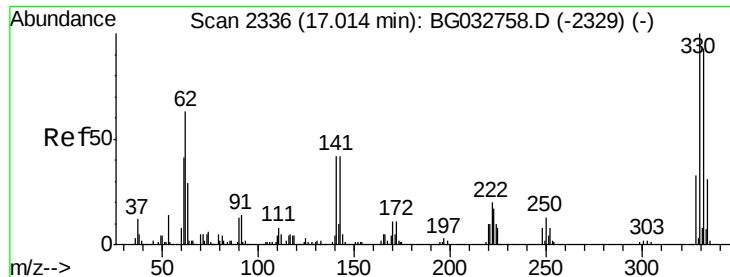


Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC



Time-->





#41

2,4,6-Tribromophenol

Concen: 135.368 ng

RT: 17.01 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BG032770.D

Acq: 21 Feb 2018 21:35

Instrument :

BNA_G

ClientSampleId :

PB106713TB

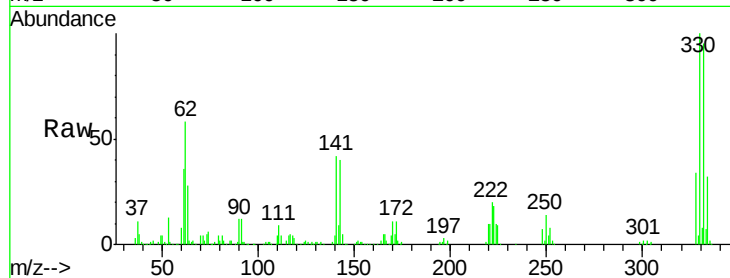
Tot Ion:330 Resp: 266421

Ion Ratio Lower Upper

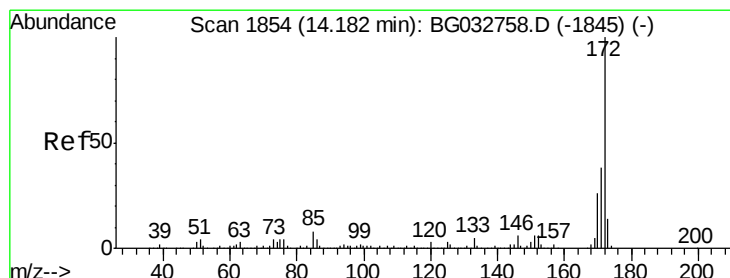
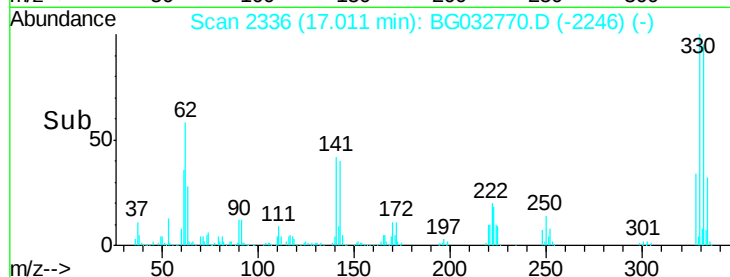
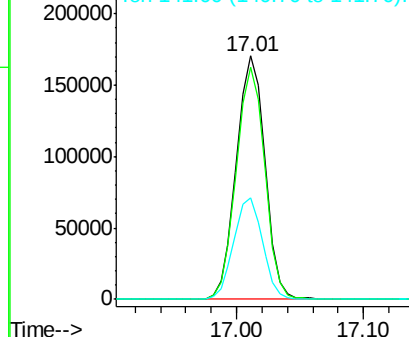
330 100

332 95.0 77.0 115.6

141 42.2 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: 83.457 ng

RT: 14.17 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG032770.D

Acq: 21 Feb 2018 21:35

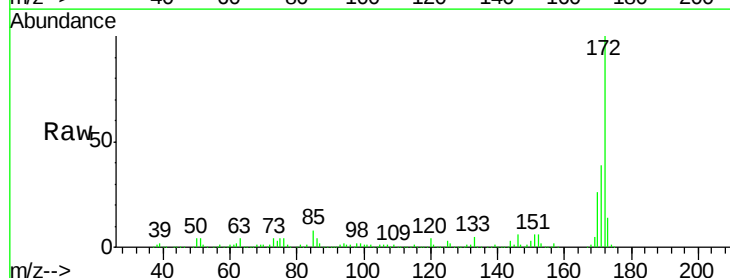
Tgt Ion:172 Resp: 1083119

Ion Ratio Lower Upper

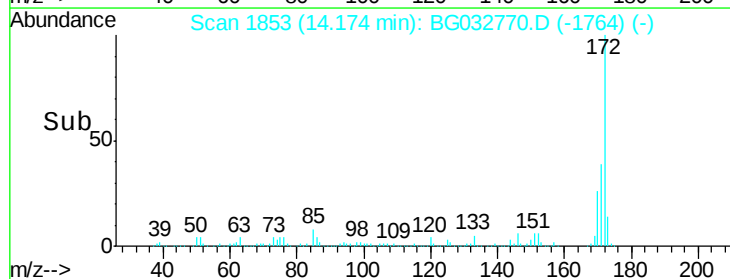
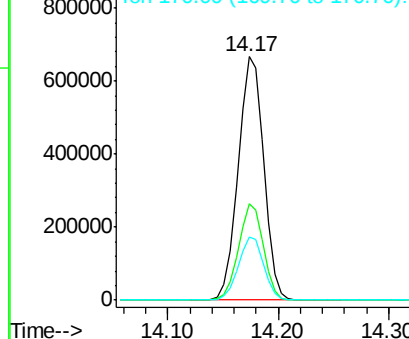
172 100

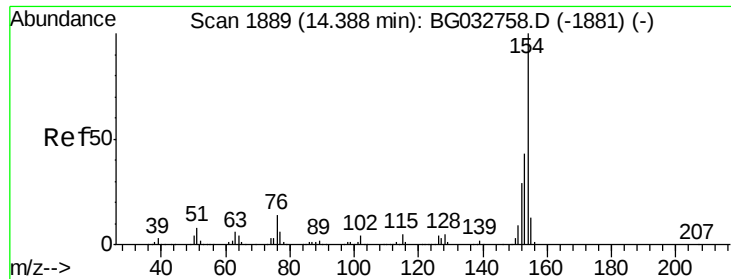
171 39.5 30.0 45.0

170 26.0 19.5 29.3



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





#45

1,1'-Biphenyl

Concen: 0.171 ng

RT: 14.38 min Scan# 1889

Delta R.T. -0.00 min

Lab File: BG032770.D

Acq: 21 Feb 2018 21:35

Instrument :

BNA_G

ClientSampleId :

PB106713TB

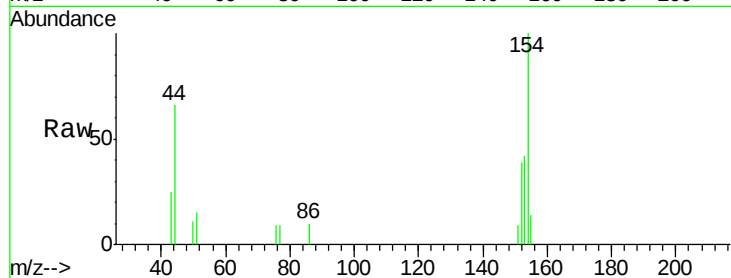
Tot Ion:154 Resp: 2799

Ion Ratio Lower Upper

154 100

153 41.6 19.8 59.8

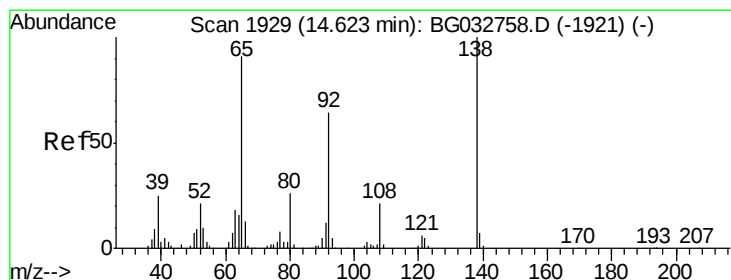
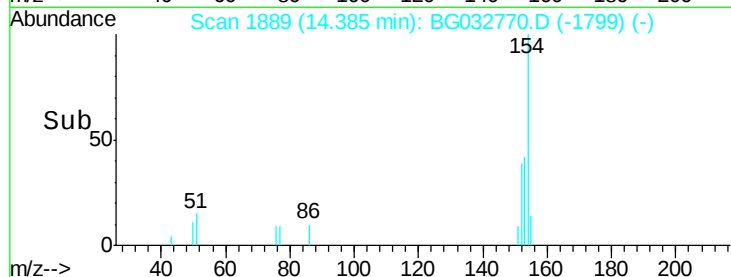
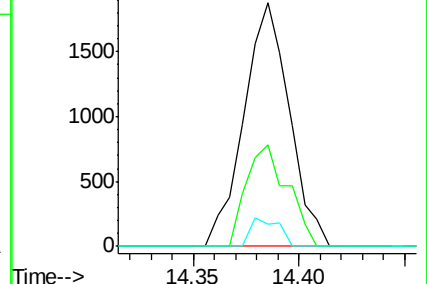
76 9.2 0.0 31.9



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



#47

2-Nitroaniline

Concen: 10.361 ng

RT: 14.17 min Scan# 1853

Delta R.T. -0.45 min

Lab File: BG032770.D

Acq: 21 Feb 2018 21:35

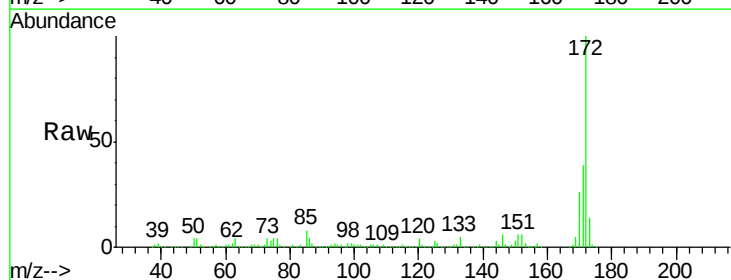
Tgt Ion: 65 Resp: 2035

Ion Ratio Lower Upper

65 100

92 180.9 54.6 82.0#

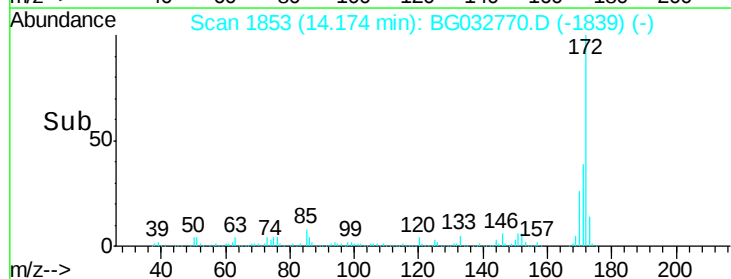
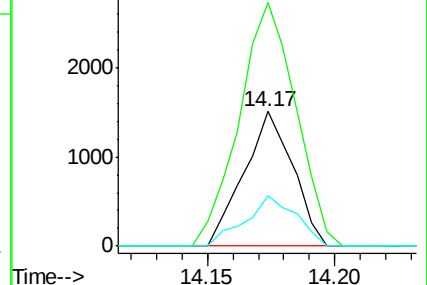
138 37.2 72.9 109.3#

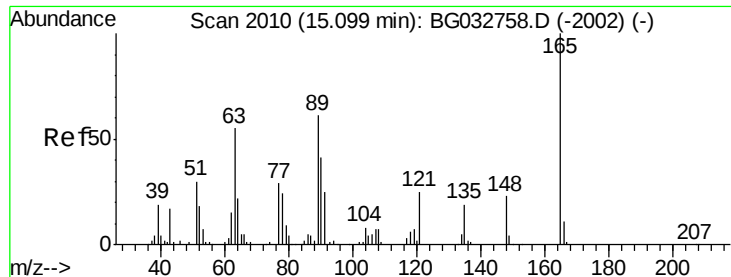


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E

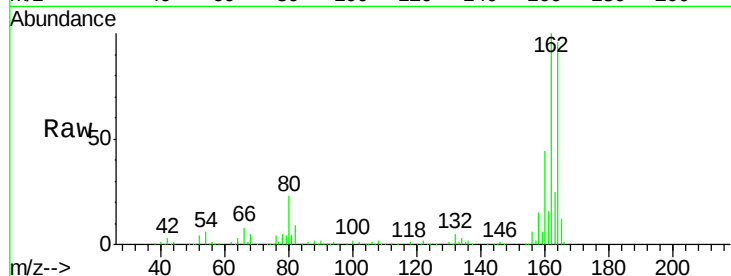




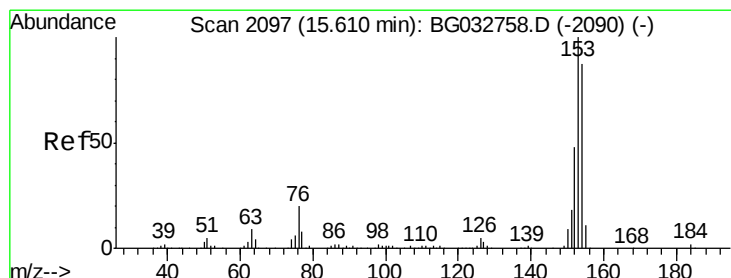
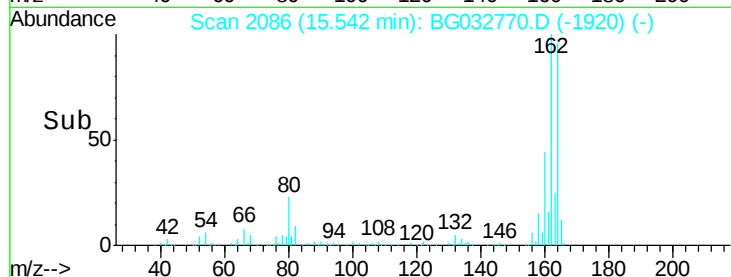
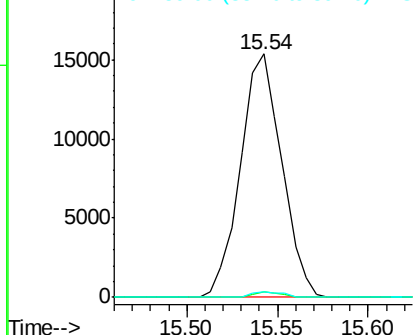
#50
2,6-Dinitrotoluene
Concen: 16.428 ng
RT: 15.54 min Scan# 2086
Delta R.T. 0.44 min
Lab File: BG032770.D
Acq: 21 Feb 2018 21:35

Instrument :
BNA_G
ClientSampleId :
PB106713TB

Tot Ion:165 Resp: 24316
Ion Ratio Lower Upper
165 100
63 2.2 52.7 79.1#
89 2.5 49.2 73.8#

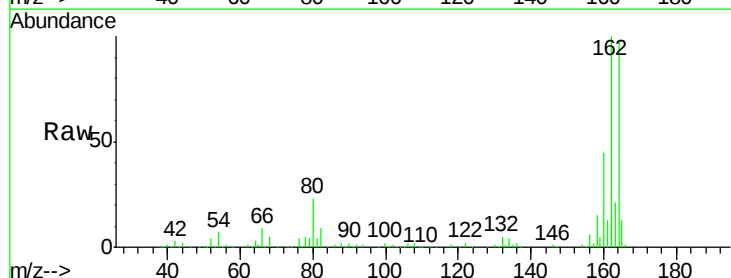


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

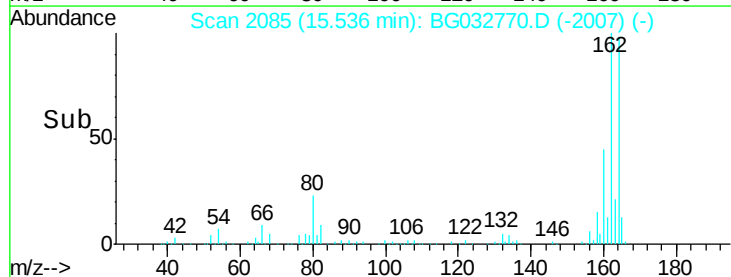
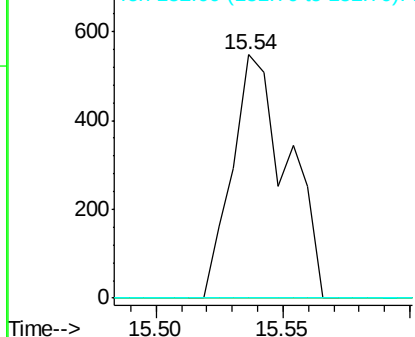


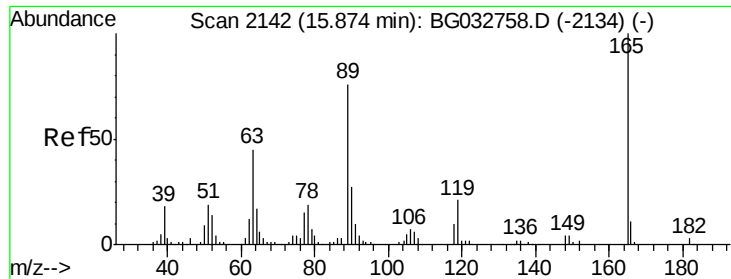
#51
Acenaphthene
Concen: 0.067 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.07 min
Lab File: BG032770.D
Acq: 21 Feb 2018 21:35

Tgt Ion:154 Resp: 831
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

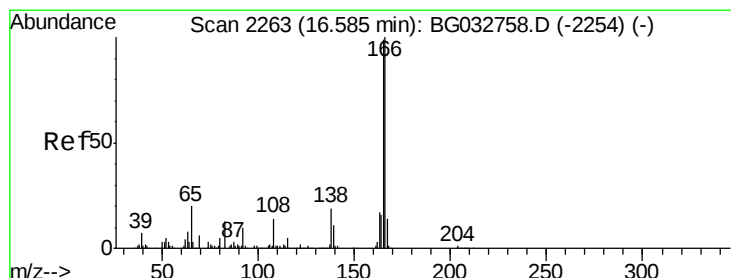
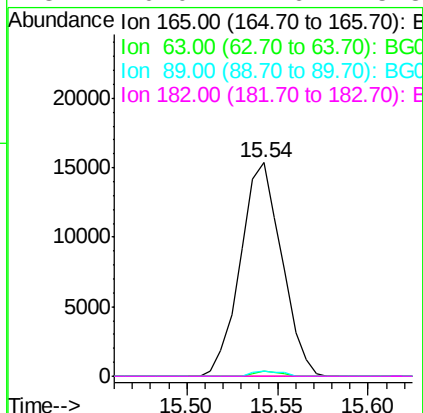
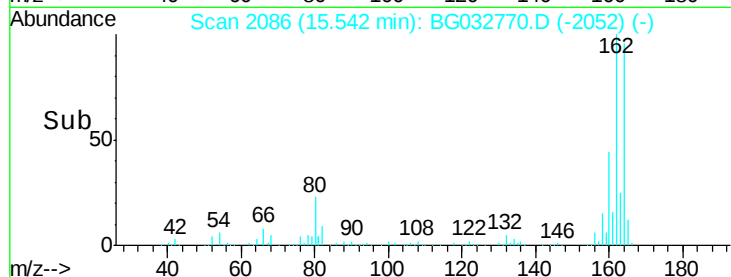
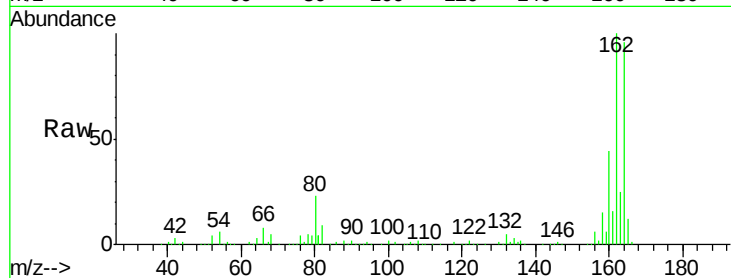




#56
2,4-Dinitrotoluene
Concen: 14.626 ng
RT: 15.54 min Scan# 2086
Delta R.T. -0.33 min
Lab File: BG032770.D
Acq: 21 Feb 2018 21:35

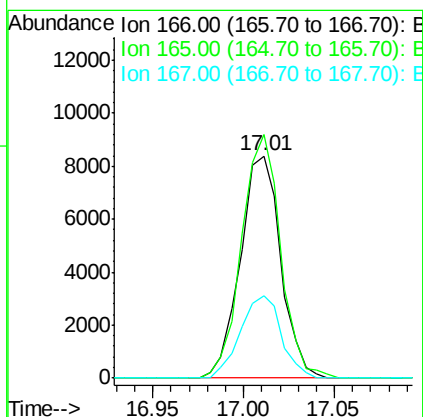
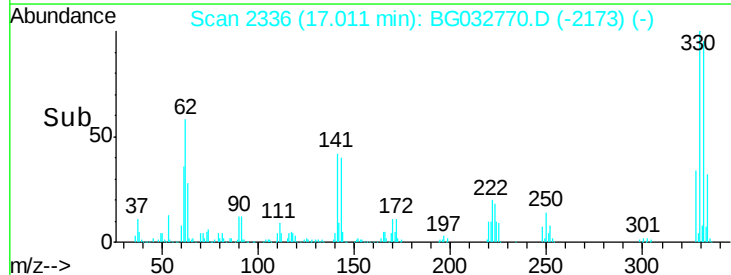
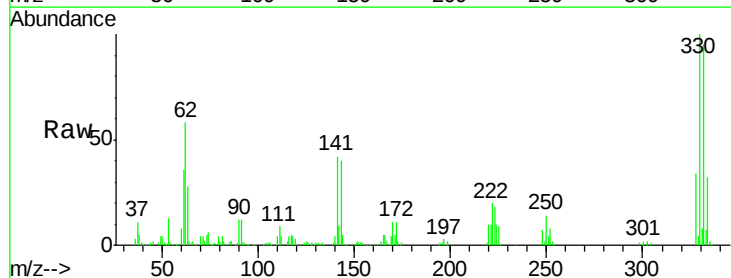
Instrument :
BNA_G
ClientSampleId :
PB106713TB

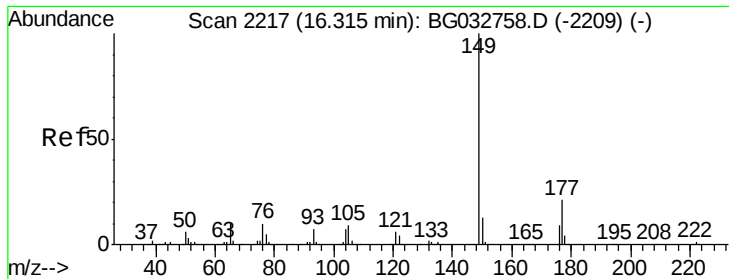
Tot Ion:165	Resp:	24316
Ion Ratio	Lower	Upper
165	100	
63	2.2	42.0 63.0#
89	2.5	66.9 100.3#
182	0.0	2.6 3.8#



#57
Fluorene
Concen: 0.888 ng
RT: 17.01 min Scan# 2336
Delta R.T. 0.43 min
Lab File: BG032770.D
Acq: 21 Feb 2018 21:35

Tgt Ion:166	Resp:	13000
Ion Ratio	Lower	Upper
166	100	
165	109.5	80.6 121.0
167	36.9	10.4 15.6#





#59

Diethylphthalate

Concen: 0.020 ng

RT: 16.30 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BG032770.D

Acq: 21 Feb 2018 21:35

Instrument :

BNA_G

ClientSampleId :

PB106713TB

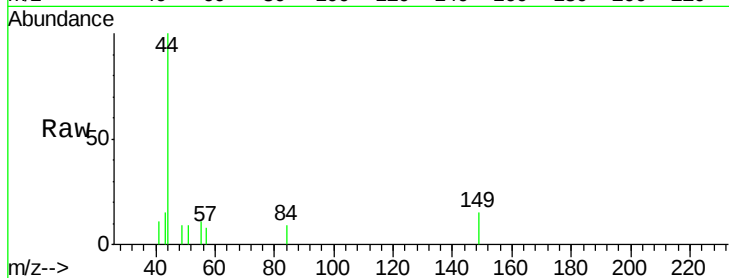
Tot Ion:149 Resp: 341

Ion Ratio Lower Upper

149 100

177 0.0 18.5 27.7#

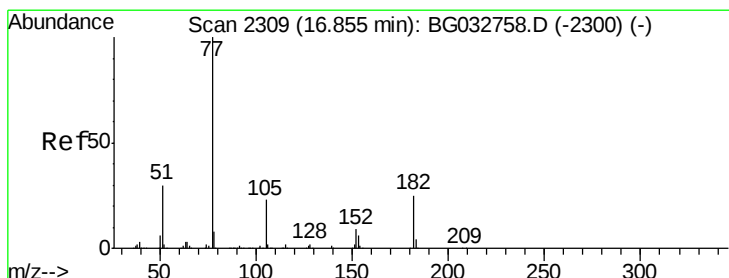
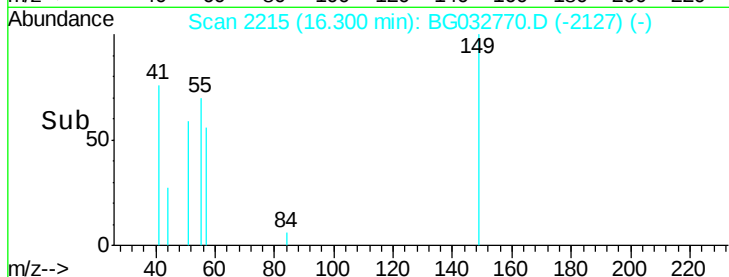
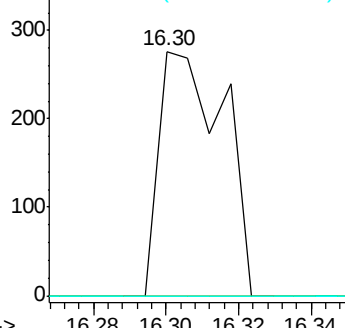
150 0.0 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#62

Azobenzene

Concen: 0.109 ng

RT: 17.01 min Scan# 2336

Delta R.T. 0.16 min

Lab File: BG032770.D

Acq: 21 Feb 2018 21:35

Tgt Ion: 77 Resp: 1642

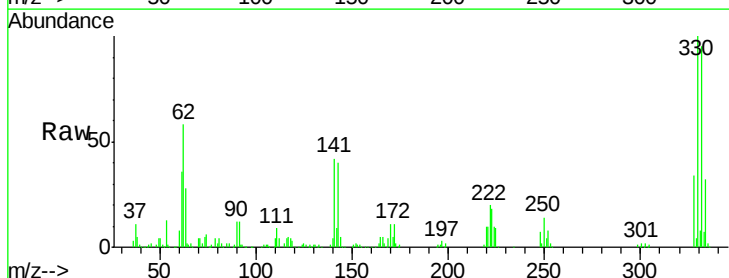
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 92.1 0.3 40.3#

51 102.8 11.6 51.6#

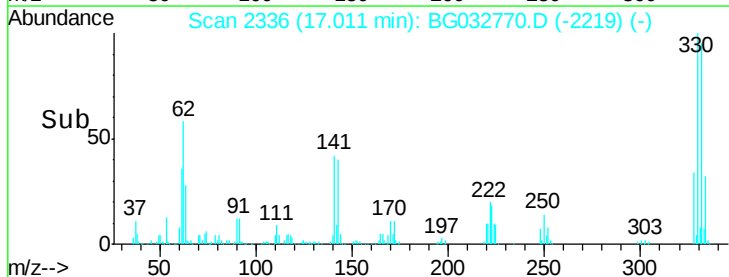
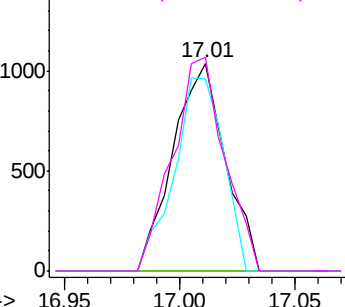


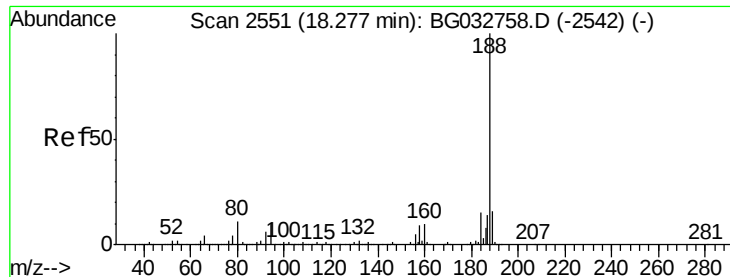
Abundance Ion 77.00 (76.70 to 77.70): BGC

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.27 min Scan# 2550

Delta R.T. -0.01 min

Lab File: BG032770.D

Acq: 21 Feb 2018 21:35

Instrument :

BNA_G

ClientSampleId :

PB106713TB

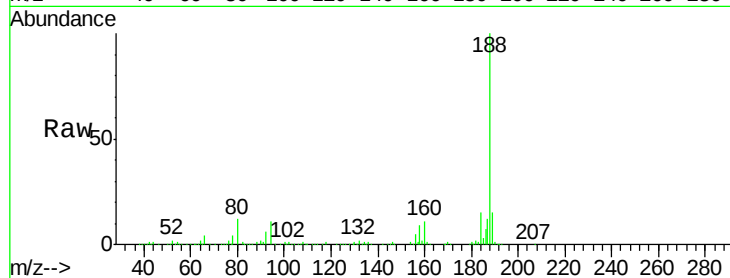
Tot Ion:188 Resp: 403032

Ion Ratio Lower Upper

188 100

94 10.6 6.9 10.3#

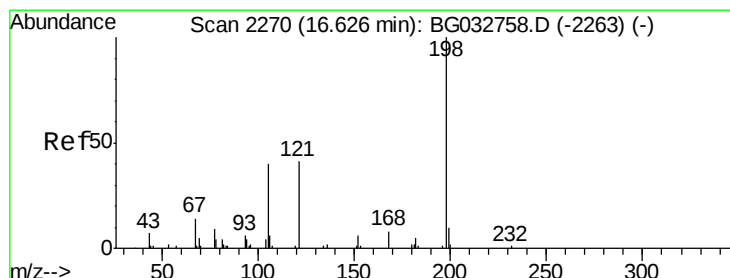
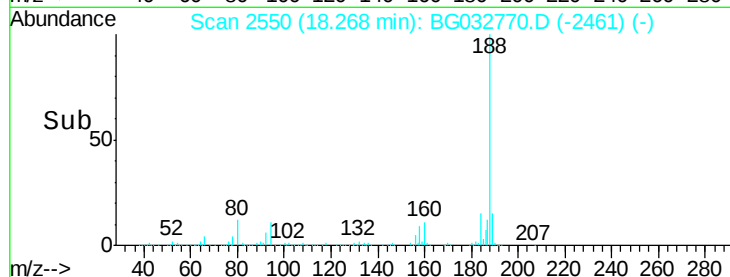
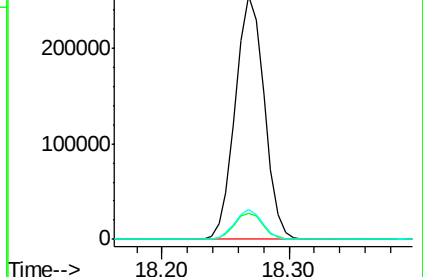
80 12.2 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 5.856 ng

RT: 17.01 min Scan# 2336

Delta R.T. 0.38 min

Lab File: BG032770.D

Acq: 21 Feb 2018 21:35

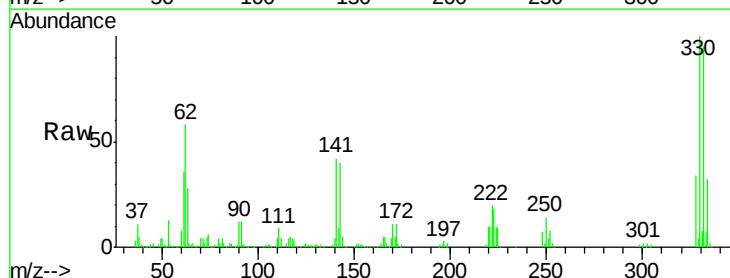
Tgt Ion:198 Resp: 861

Ion Ratio Lower Upper

198 100

51 177.5 30.6 70.6#

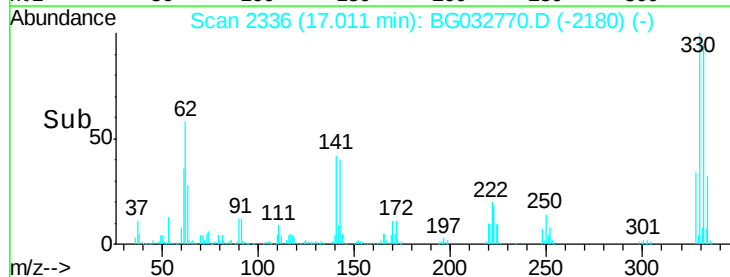
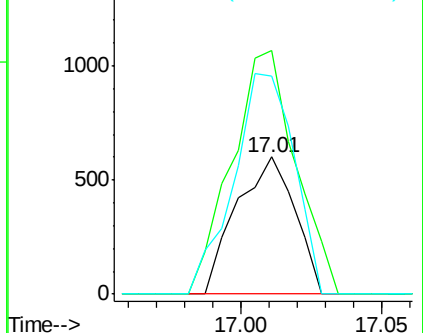
105 159.1 23.8 63.8#

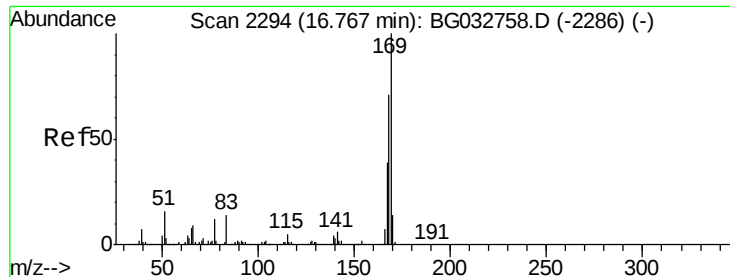


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

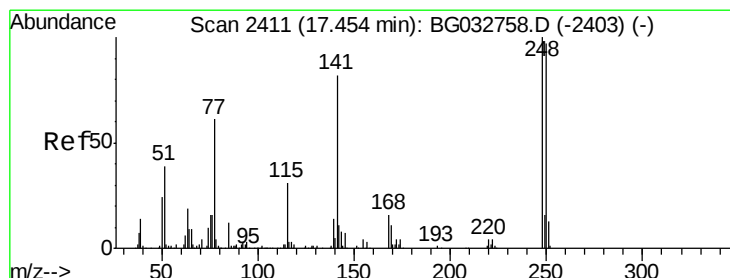
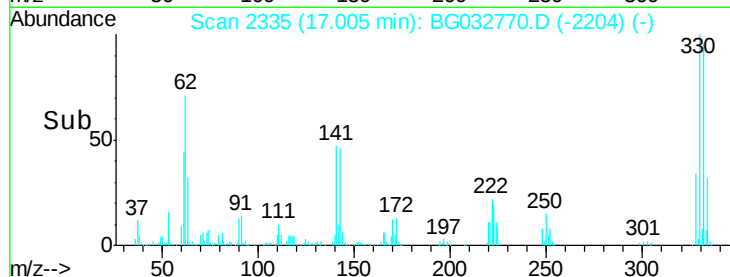
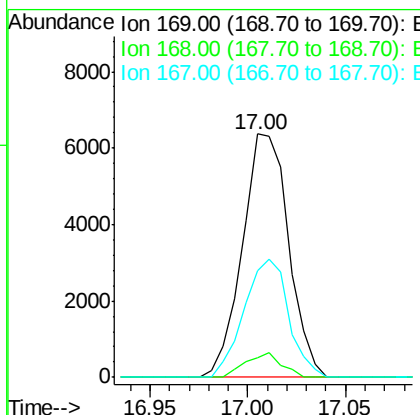
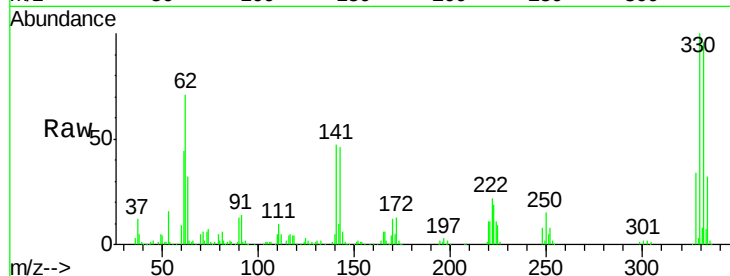




#65
 n-Nitrosodiphenylamine
 Concen: 0.797 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. 0.24 min
 Lab File: BG032770.D
 Acq: 21 Feb 2018 21:35

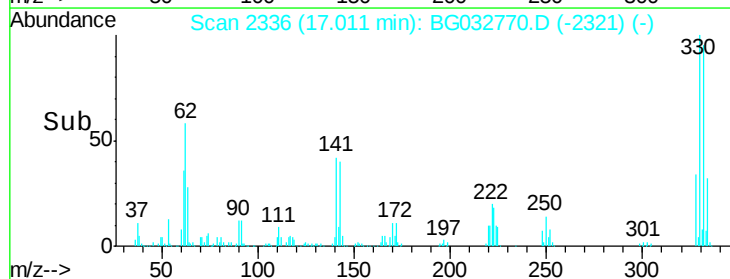
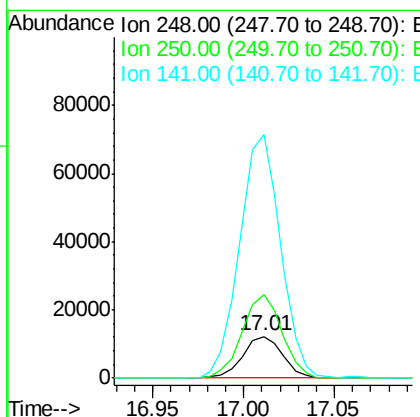
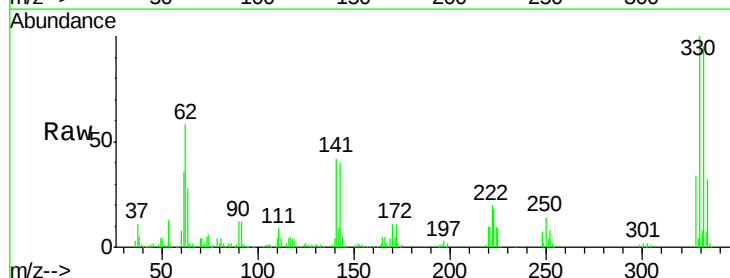
Instrument :
 BNA_G
 ClientSampleId :
 PB106713TB

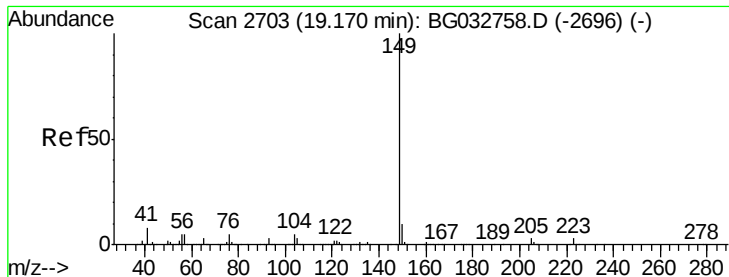
Tot Ion:169 Resp: 10446
 Ion Ratio Lower Upper
 169 100
 168 8.0 55.7 83.5#
 167 44.0 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 4.407 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. -0.44 min
 Lab File: BG032770.D
 Acq: 21 Feb 2018 21:35

Tgt Ion:248 Resp: 18782
 Ion Ratio Lower Upper
 248 100
 250 198.7 77.1 115.7#
 141 581.3 50.8 76.2#





#73

Di-n-butylphthalate

Concen: 0.011 ng

RT: 19.16 min Scan# 2702

Delta R.T. -0.01 min

Lab File: BG032770.D

Acq: 21 Feb 2018 21:35

Instrument :

BNA_G

ClientSampleId :

PB106713TB

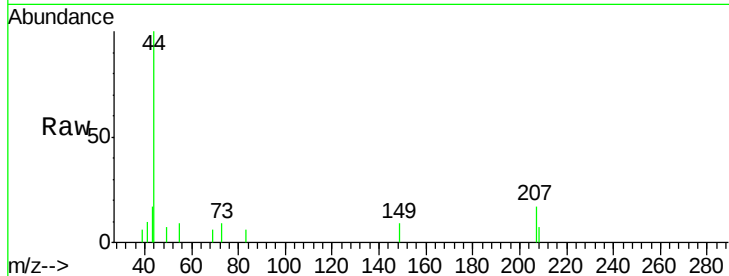
Tot Ion:149 Resp: 308

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

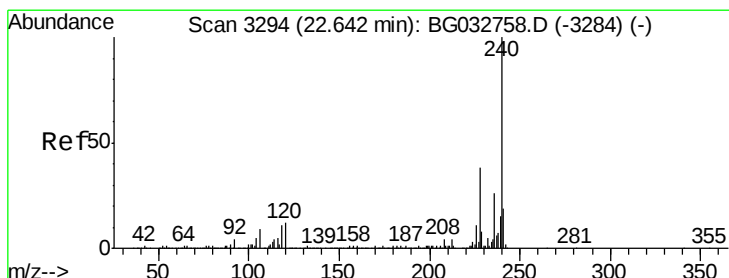
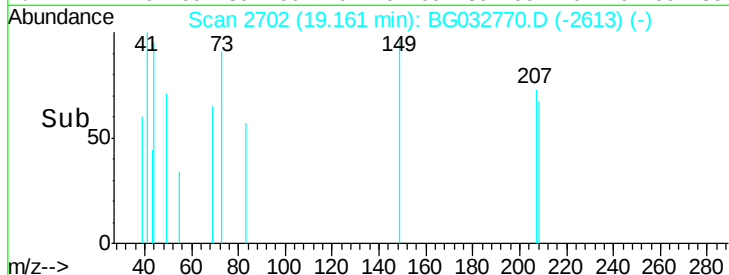
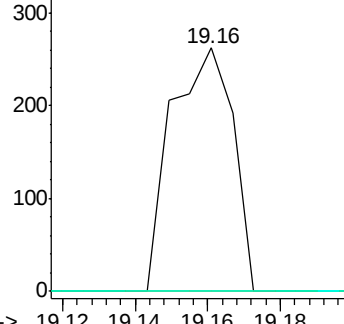
104 0.0 3.9 5.9#



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: 22.63 min Scan# 3292

Delta R.T. -0.01 min

Lab File: BG032770.D

Acq: 21 Feb 2018 21:35

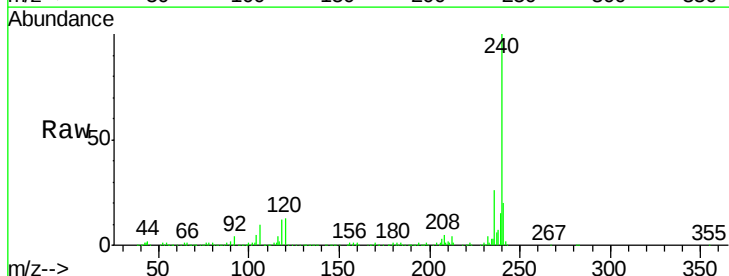
Tgt Ion:240 Resp: 375886

Ion Ratio Lower Upper

240 100

120 13.2 6.8 10.2#

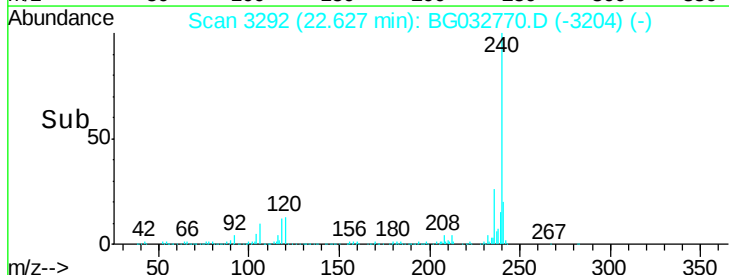
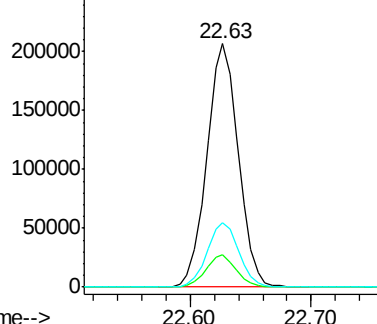
236 26.5 20.9 31.3

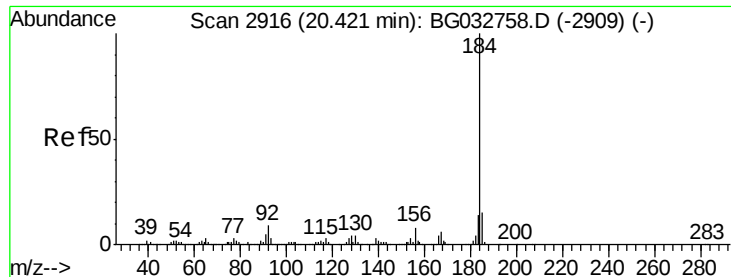


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.366 ng

RT: 20.42 min Scan# 2916

Delta R.T. -0.00 min

Lab File: BG032770.D

Acq: 21 Feb 2018 21:35

Instrument :

BNA_G

ClientSampleId :

PB106713TB

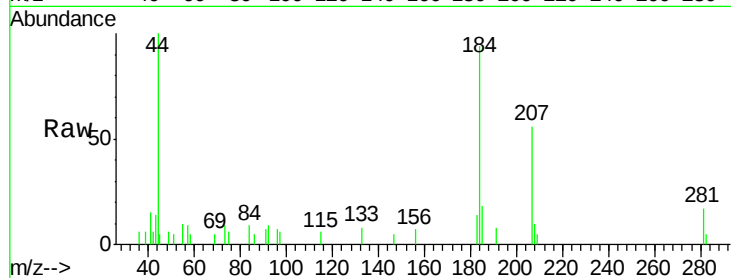
Tot Ion:184 Resp: 4687

Ion Ratio Lower Upper

184 100

185 19.5 11.1 16.7#

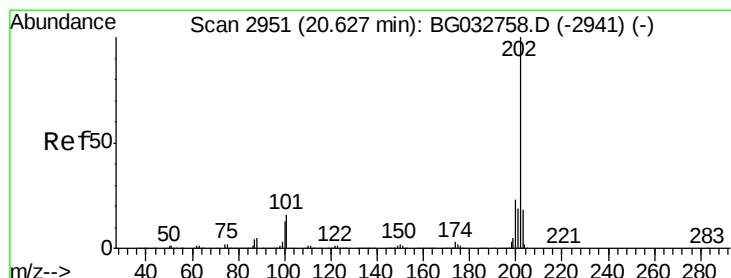
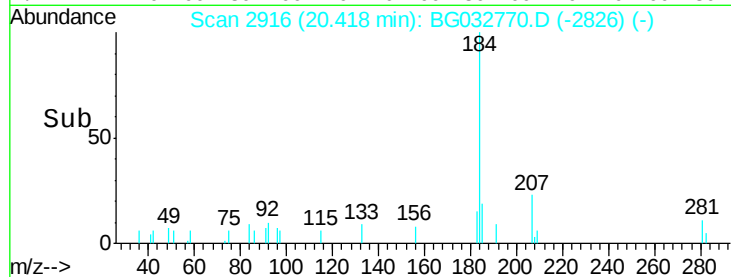
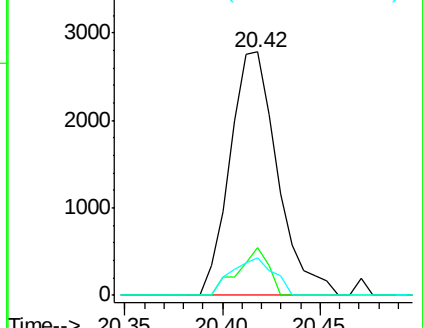
183 15.3 10.6 16.0



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



#77

Pyrene

Concen: 0.209 ng

RT: 20.79 min Scan# 2979

Delta R.T. 0.16 min

Lab File: BG032770.D

Acq: 21 Feb 2018 21:35

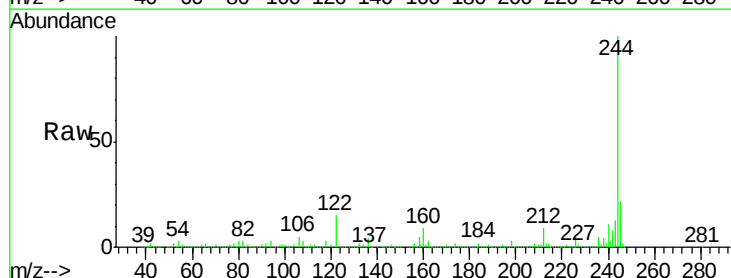
Tgt Ion:202 Resp: 5538

Ion Ratio Lower Upper

202 100

200 55.8 16.9 25.3#

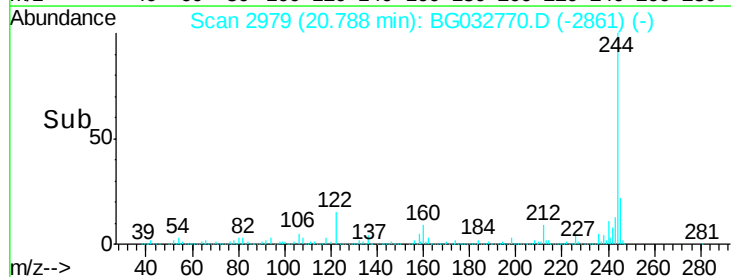
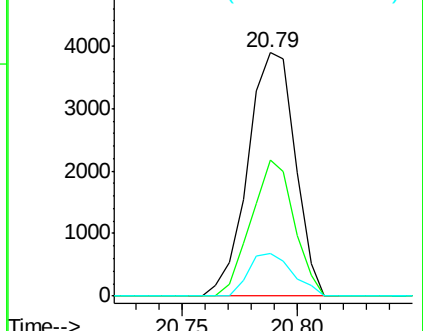
203 17.6 13.9 20.9

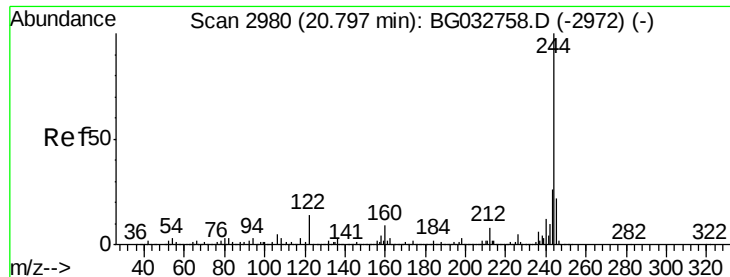


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 86.922 ng

RT: 20.79 min Scan# 2979

Delta R.T. -0.01 min

Lab File: BG032770.D

Acq: 21 Feb 2018 21:35

Instrument :

BNA_G

ClientSampleId :

PB106713TB

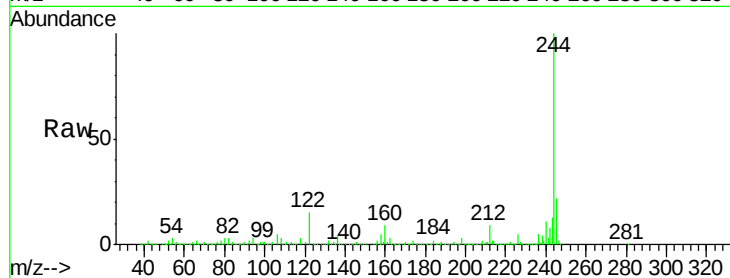
Tot Ion:244 Resp: 1454232

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

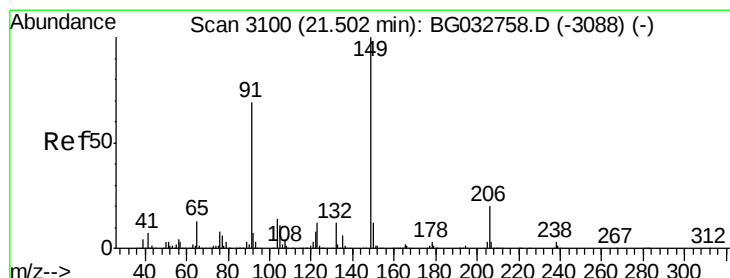
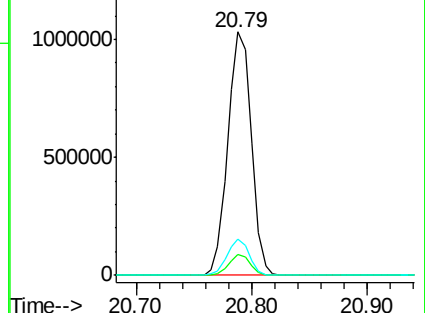
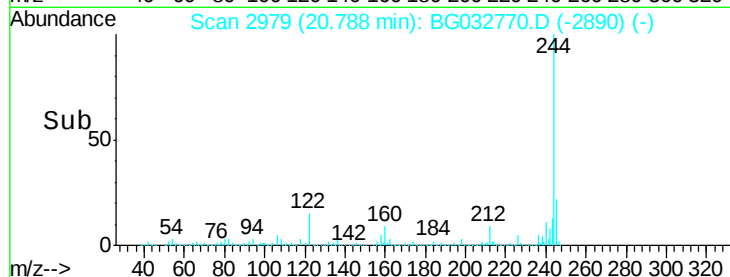
122 14.7 7.0 10.4#



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: 0.005 ng

RT: 21.50 min Scan# 3101

Delta R.T. 0.00 min

Lab File: BG032770.D

Acq: 21 Feb 2018 21:35

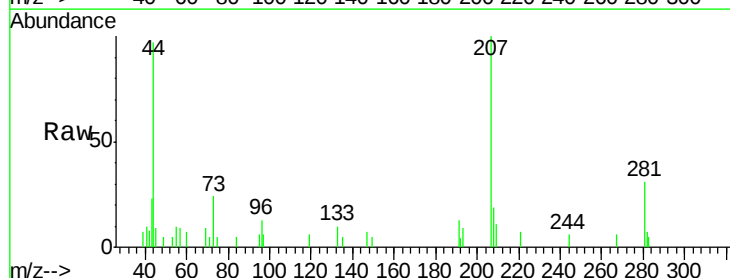
Tgt Ion:149 Resp: 60

Ion Ratio Lower Upper

149 100

91 0.0 62.2 93.2#

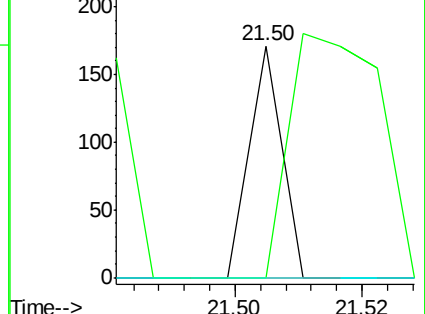
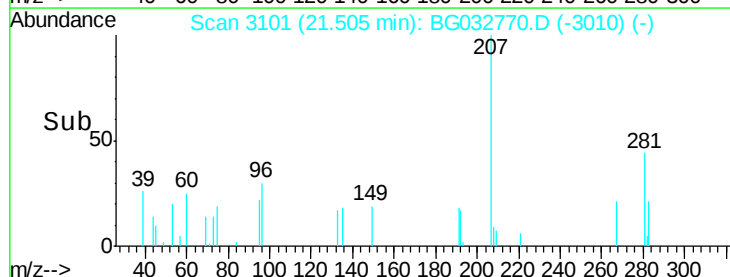
206 0.0 18.6 27.8#

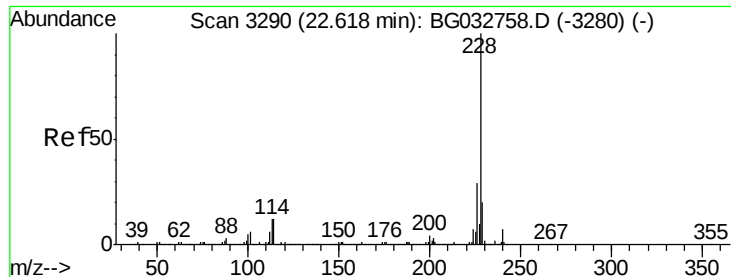


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

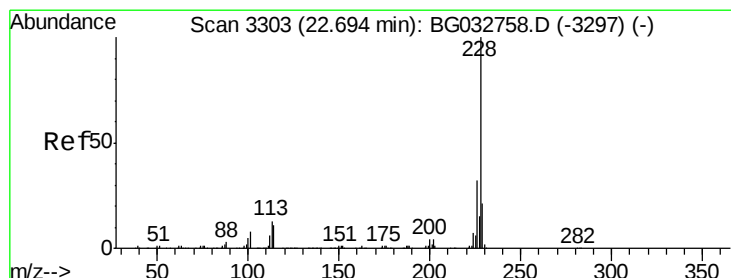
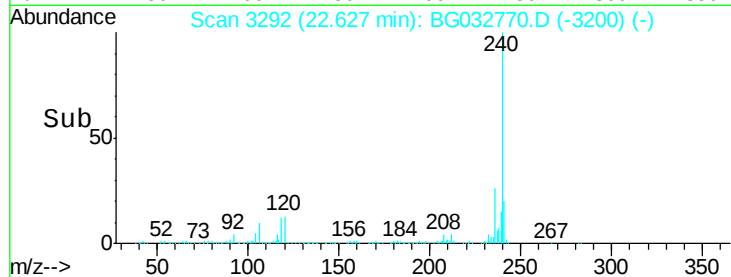
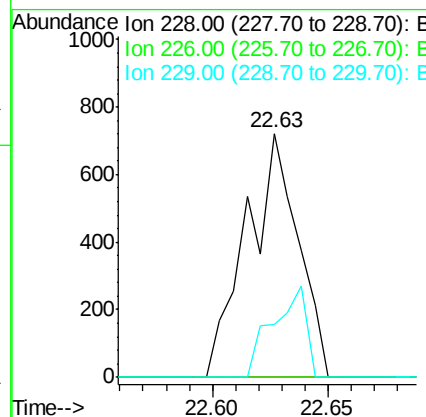
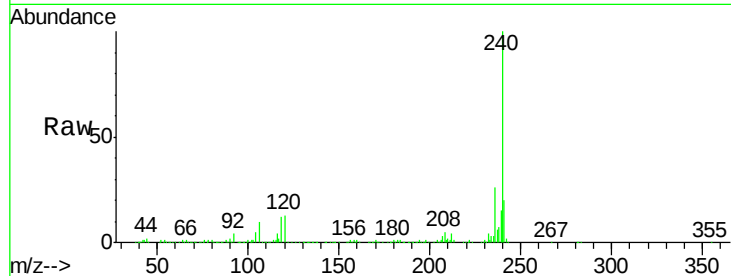




#80
Benzo(a)anthracene
Concen: 0.046 ng
RT: 22.63 min Scan# 3292
Delta R.T. 0.01 min
Lab File: BG032770.D
Acq: 21 Feb 2018 21:35

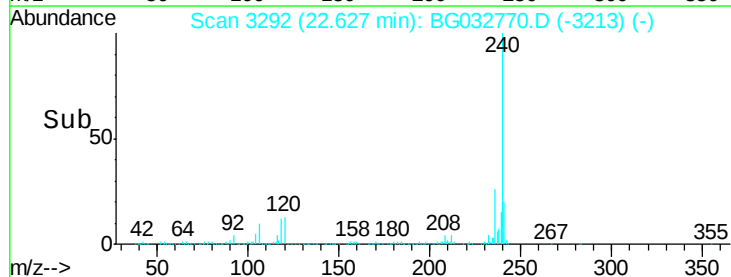
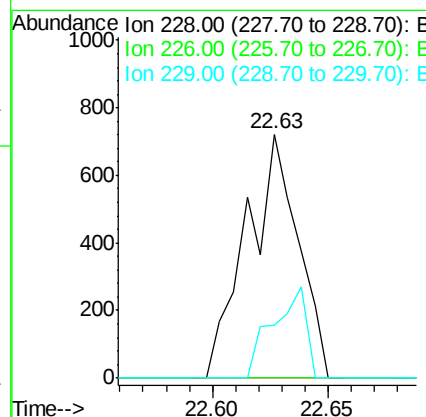
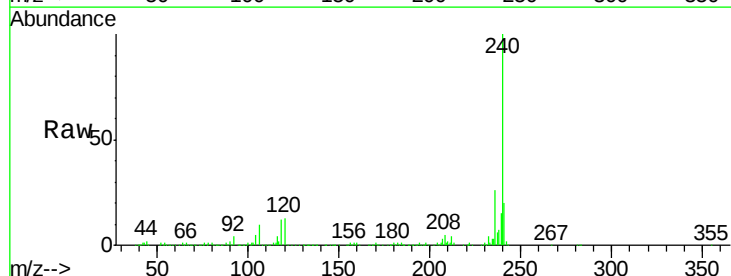
Instrument :
BNA_G
ClientSampleId :
PB106713TB

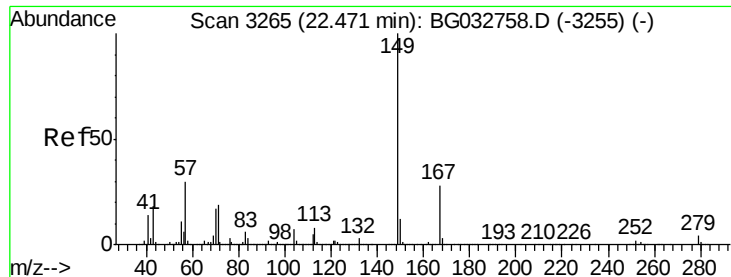
Tot Ion:228 Resp: 1117
Ion Ratio Lower Upper
228 100
226 0.0 22.7 34.1#
229 21.6 16.2 24.2



#82
Chrysene
Concen: 0.049 ng
RT: 22.63 min Scan# 3292
Delta R.T. -0.07 min
Lab File: BG032770.D
Acq: 21 Feb 2018 21:35

Tgt Ion:228 Resp: 1117
Ion Ratio Lower Upper
228 100
226 0.0 24.9 37.3#
229 21.6 15.0 22.4

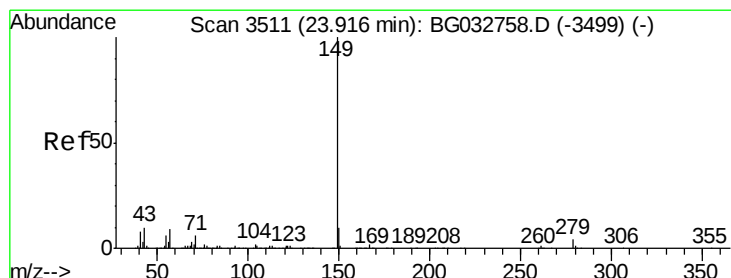
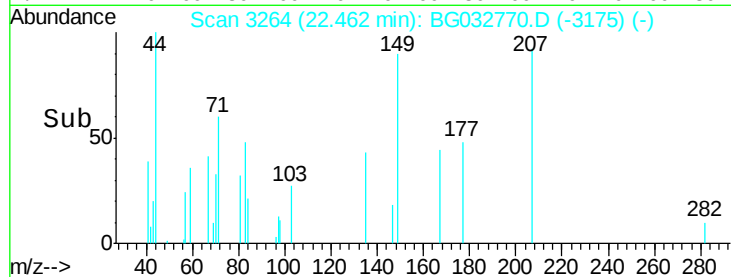
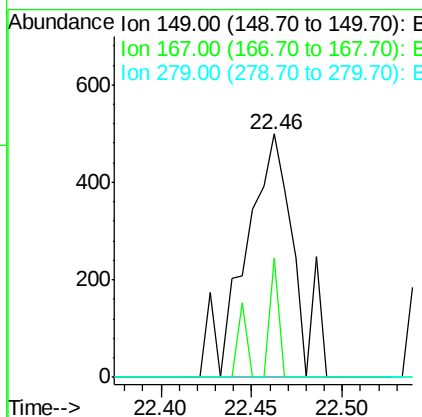
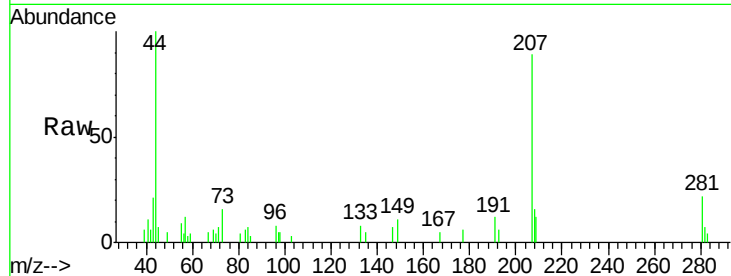




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.055 ng
 RT: 22.46 min Scan# 3264
 Delta R.T. -0.01 min
 Lab File: BG032770.D
 Acq: 21 Feb 2018 21:35

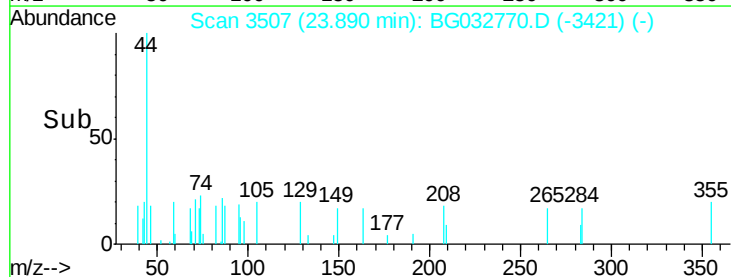
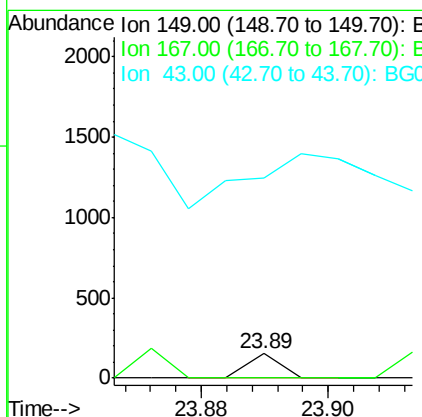
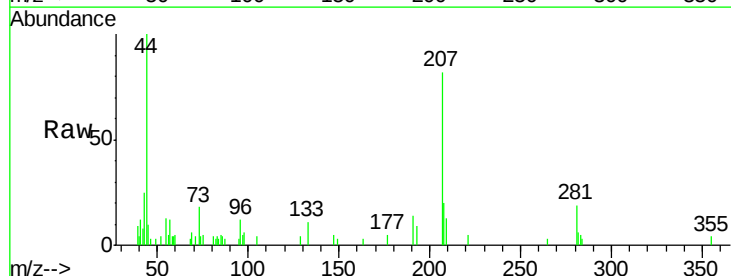
Instrument :
 BNA_G
 ClientSampleId :
 PB106713TB

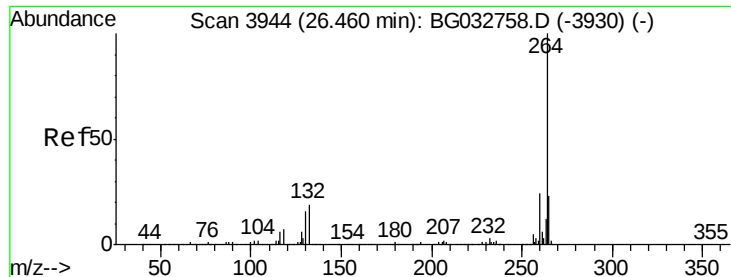
Tot Ion:149 Resp: 953
 Ion Ratio Lower Upper
 149 100
 167 48.9 24.3 36.5#
 279 0.0 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 0.002 ng
 RT: 23.89 min Scan# 3507
 Delta R.T. -0.03 min
 Lab File: BG032770.D
 Acq: 21 Feb 2018 21:35

Tgt Ion:149 Resp: 54
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.4 2.0#
 43 974.1 8.9 13.3#

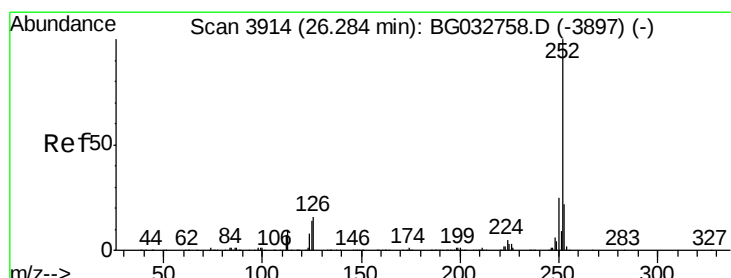
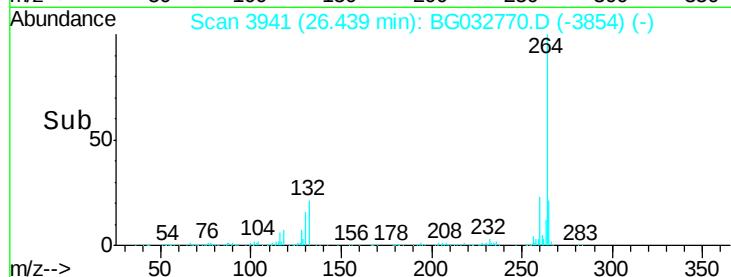
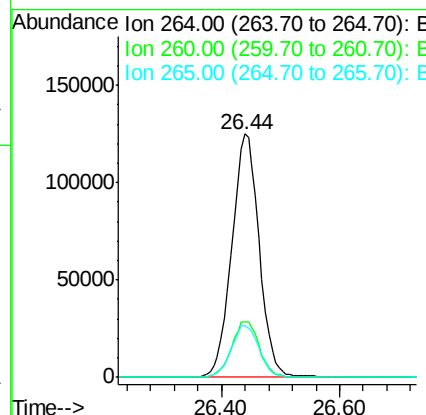
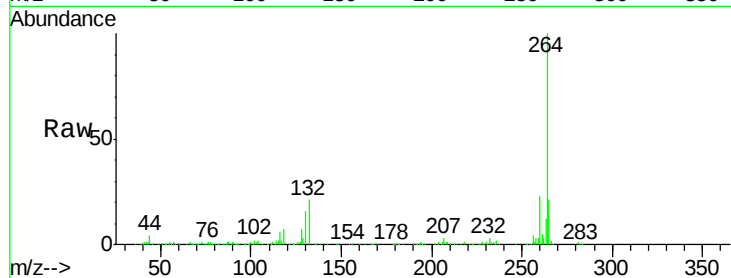




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.44 min Scan# 3941
Delta R.T. -0.02 min
Lab File: BG032770.D
Acq: 21 Feb 2018 21:35

Instrument :
BNA_G
ClientSampleId :
PB106713TB

Tot Ion:264 Resp: 404417
Ion Ratio Lower Upper
264 100
260 23.0 17.4 26.0
265 21.5 17.7 26.5



#89
Benzo(a)pyrene
Concen: 0.059 ng
RT: 26.45 min Scan# 3942
Delta R.T. 0.16 min
Lab File: BG032770.D
Acq: 21 Feb 2018 21:35

Tgt Ion:252 Resp: 1349
Ion Ratio Lower Upper
252 100
253 40.5 18.3 27.5#
125 0.0 7.3 10.9#

