

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021916\
 Data File : BG021003.D
 Acq On : 20 Feb 2016 11:19
 Operator : SJ/UM
 Sample : H1507-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HW-17

Quant Time: Feb 21 22:51:42 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

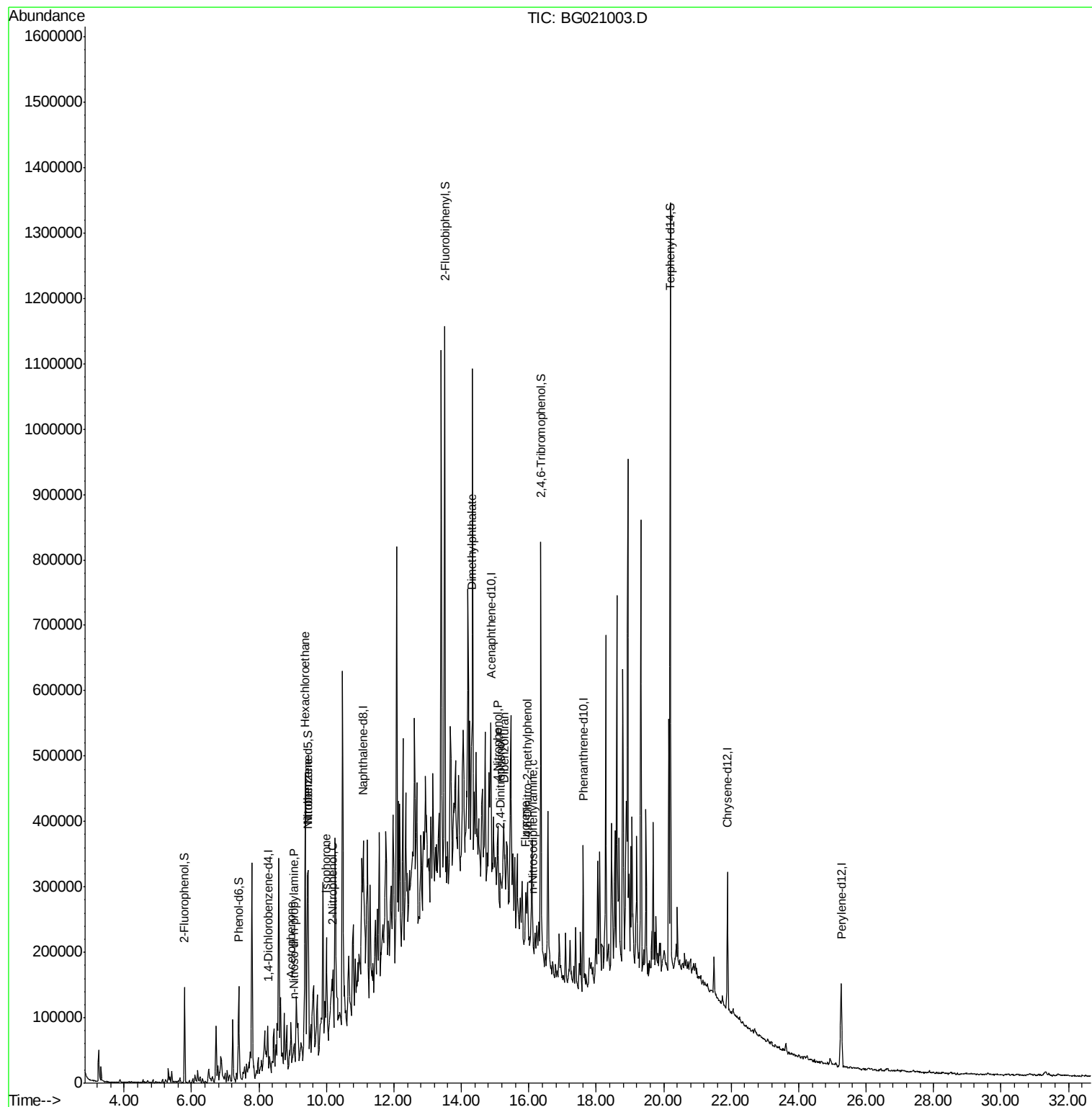
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	22261	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	113667	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	65972	20.00	ng	-0.01
63) Phenanthrene-d10	17.61	188	125802	20.00	ng	0.00
75) Chrysene-d12	21.89	240	119256	20.00	ng	-0.02
86) Perylene-d12	25.26	264	116677	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	81486	61.64	ng	0.00
7) Phenol-d6	7.40	99	74809	38.72	ng	0.00
23) Nitrobenzene-d5	9.44	82	162511	94.00	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	103202	159.07	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	450113	95.84	ng	0.00
78) Terphenyl-d14	20.19	244	478321	93.57	ng	-0.01
Target Compounds						Qvalue
18) Hexachloroethane	9.38	117	47882	78.67	ng	# 1
19) n-Nitroso-di-n-propylamine	9.03	70	2846	2.28	ng	# 76
22) Acetophenone	8.95	105	19842	7.24	ng	# 73
24) Nitrobenzene	9.46	77	7003	3.89	ng	# 30
25) Isophorone	10.00	82	18915	5.19	ng	# 1
26) 2-Nitrophenol	10.19	139	1909	2.01	ng	# 1
49) Dimethylphthalate	14.32	163	33539	6.50	ng	# 88
53) 2,4-Dinitrophenol	15.16	184	278	8.95	ng	# 1
54) Dibenzofuran	15.27	168	12495	2.15	ng	# 38
55) 4-Nitrophenol	15.07	139	3733	3.85	ng	# 1
57) Fluorene	15.91	166	15593	2.91	ng	# 88
64) 4,6-Dinitro-2-methylphenol	15.96	198	494	6.20	ng	# 1
65) n-Nitrosodiphenylamine	16.12	169	8514	2.09	ng	# 46

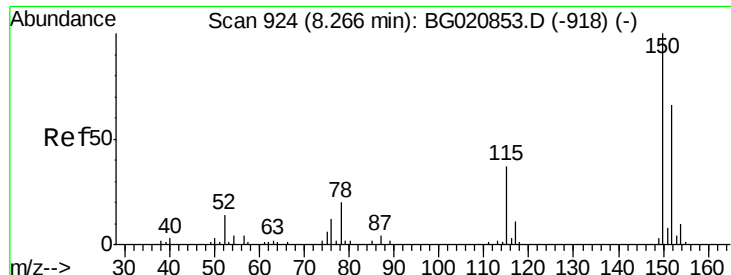
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021916\
Data File : BG021003.D
Acq On : 20 Feb 2016 11:19
Operator : SJ/UM
Sample : H1507-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HW-17

Quant Time: Feb 21 22:51:42 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration



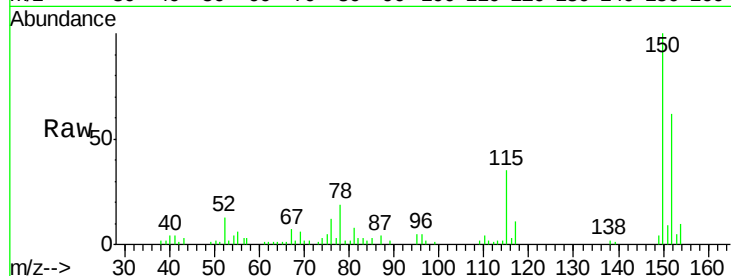


#1

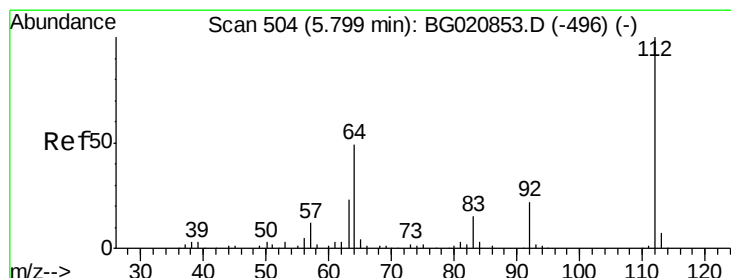
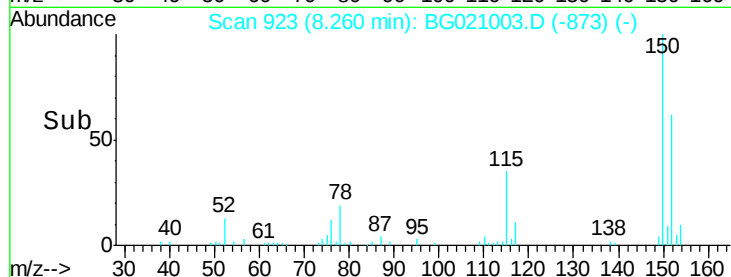
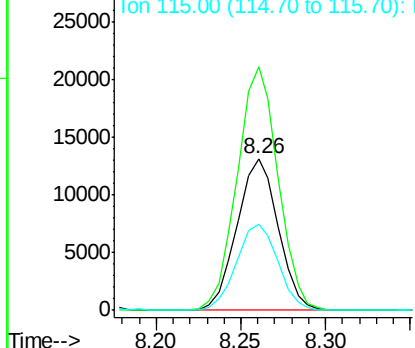
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG021003.D
Acq: 20 Feb 2016 11:19

Instrument :
BNA_G
ClientSampleId :
HW-17

Tgt Ion:152 Resp: 22261
Ion Ratio Lower Upper
152 100
150 160.3 122.0 183.0
115 56.9 45.2 67.8



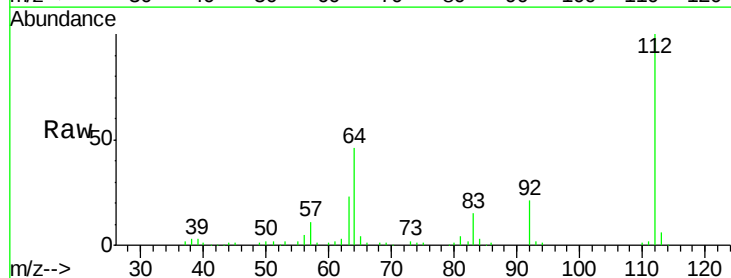
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



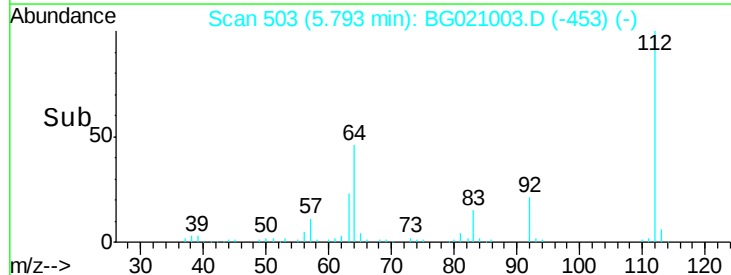
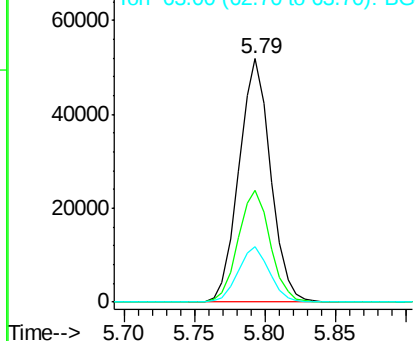
#5

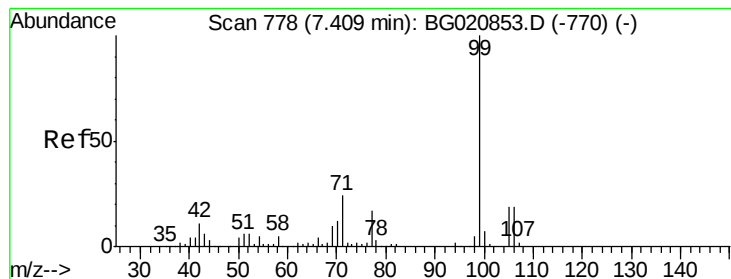
2-Fluorophenol
Concen: 61.64 ng
RT: 5.79 min Scan# 503
Delta R.T. -0.01 min
Lab File: BG021003.D
Acq: 20 Feb 2016 11:19

Tgt Ion:112 Resp: 81486
Ion Ratio Lower Upper
112 100
64 45.9 39.3 58.9
63 22.8 18.2 27.4



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





#7

Phenol-d6

Concen: 38.72 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG021003.D

Acq: 20 Feb 2016 11:19

Instrument :

BNA_G

ClientSampled :

HW-17

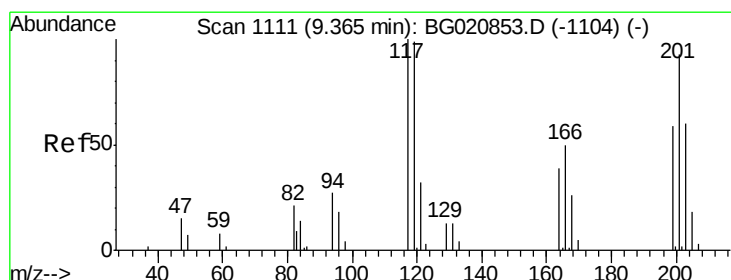
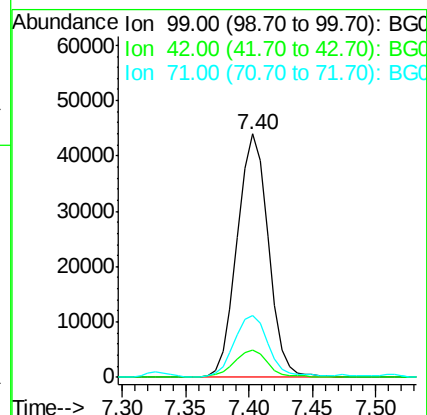
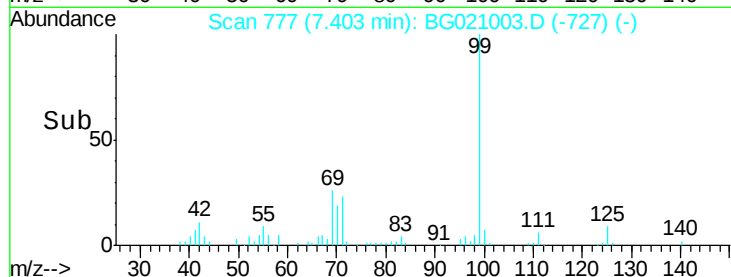
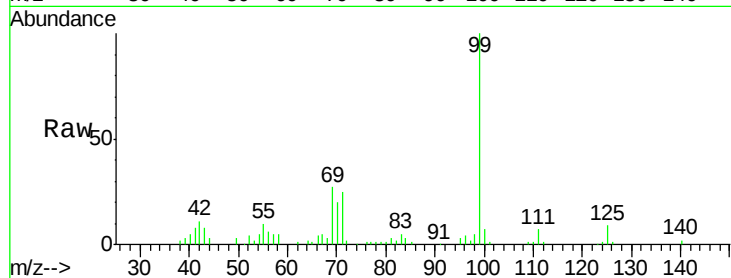
Tgt Ion: 99 Resp: 74809

Ion Ratio Lower Upper

99 100

42 11.2 8.4 12.6

71 25.2 19.4 29.0



#18

Hexachloroethane

Concen: 78.67 ng

RT: 9.38 min Scan# 1113

Delta R.T. 0.01 min

Lab File: BG021003.D

Acq: 20 Feb 2016 11:19

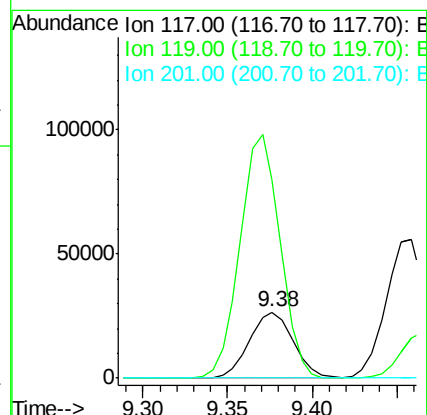
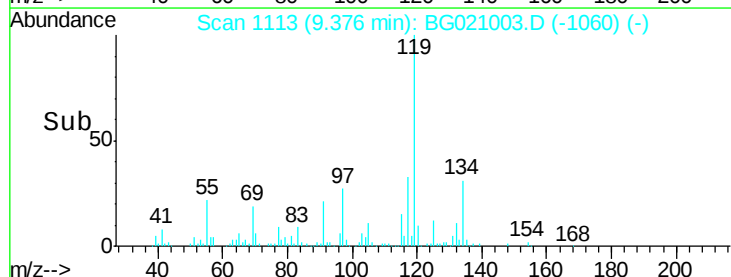
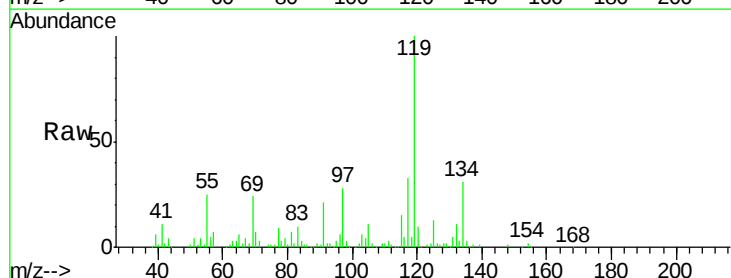
Tgt Ion: 117 Resp: 47882

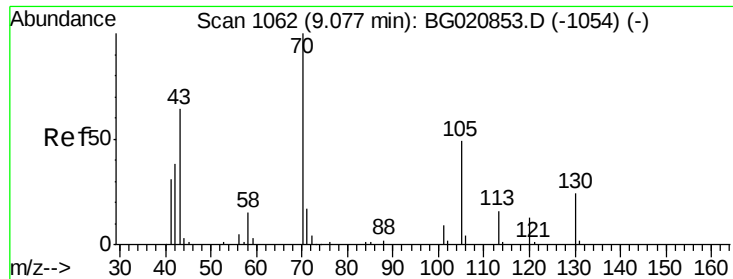
Ion Ratio Lower Upper

117 100

119 300.0 79.6 119.4#

201 0.0 74.5 111.7#

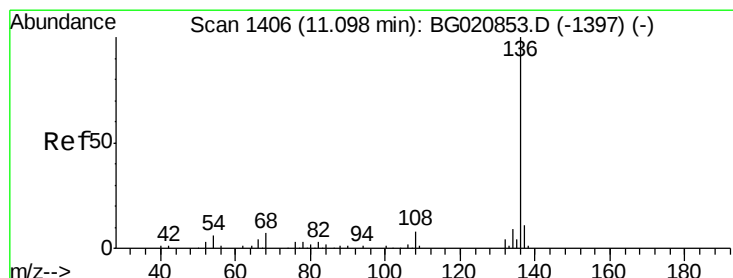
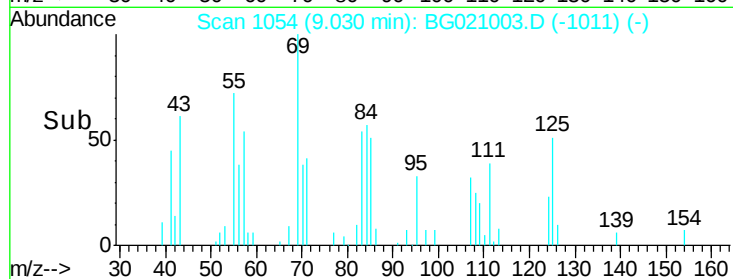
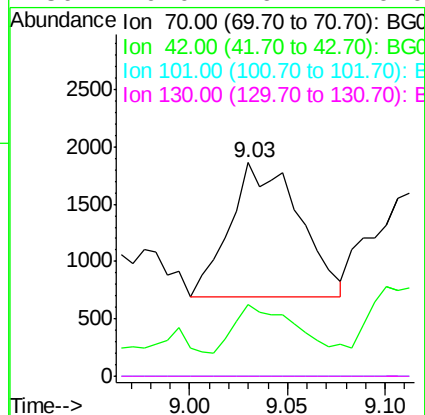
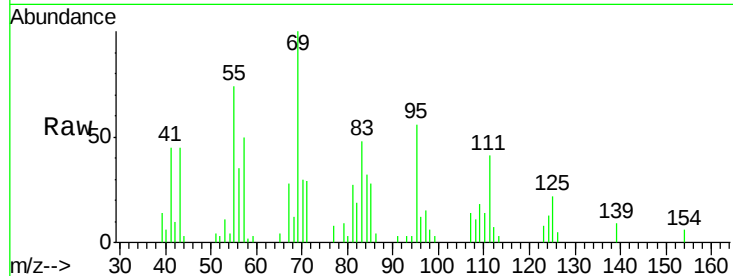




#19
n-Nitroso-di-n-propylamine
Concen: 2.28 ng
RT: 9.03 min Scan# 1054
Delta R.T. -0.05 min
Lab File: BG021003.D
Acq: 20 Feb 2016 11:19

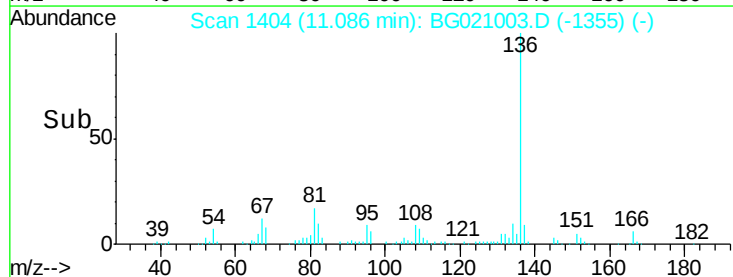
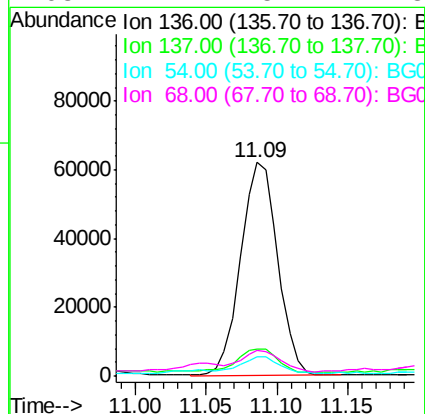
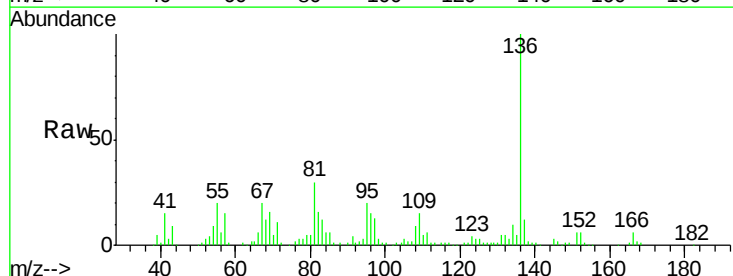
Instrument :
BNA_G
ClientSampleId :
HW-17

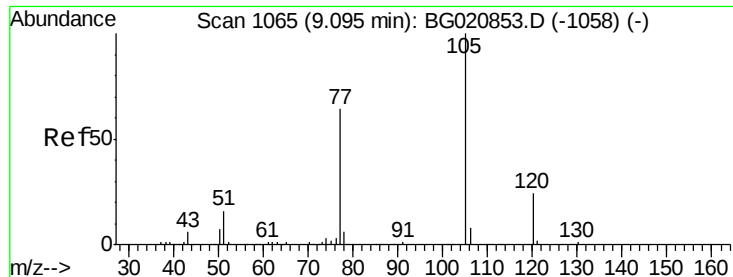
Tgt Ion: 70 Resp: 2846
Ion Ratio Lower Upper
70 100
42 33.5 30.9 46.3
101 0.0 7.3 10.9#
130 0.0 19.4 29.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BG021003.D
Acq: 20 Feb 2016 11:19

Tgt Ion: 136 Resp: 113667
Ion Ratio Lower Upper
136 100
137 12.3 8.8 13.2
54 8.9 5.0 7.4#
68 11.7 5.2 7.8#





#22

Acetophenone

Concen: 7.24 ng

RT: 8.95 min Scan# 1041

Delta R.T. -0.14 min

Lab File: BG021003.D

Acq: 20 Feb 2016 11:19

Instrument :

BNA_G

ClientSampleId :

HW-17

Tgt Ion: 105 Resp: 19842

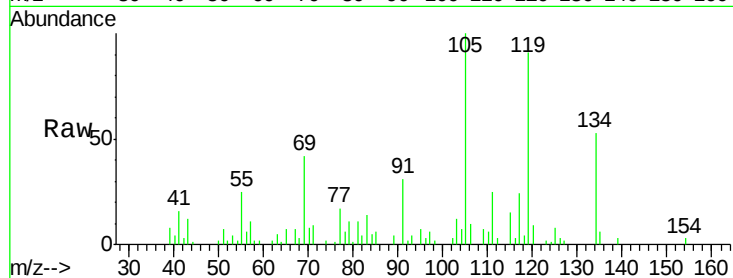
Ion Ratio Lower Upper

105 100

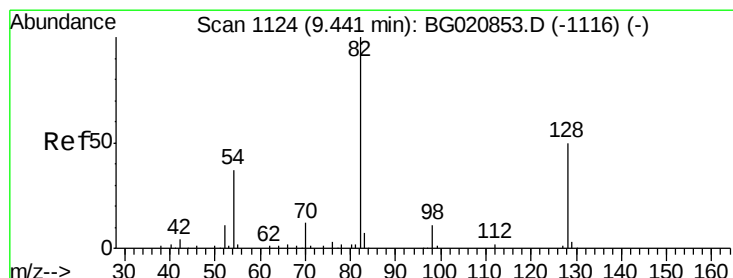
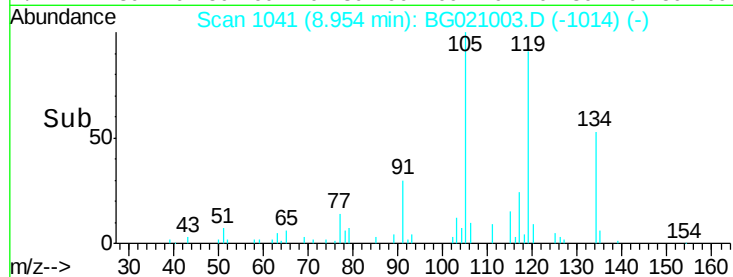
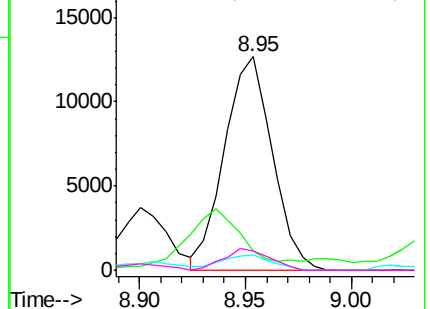
71 9.1 1.4 2.0#

51 7.0 13.7 20.5#

120 8.9 19.0 28.6#



Abundance Ion 105.00 (104.70 to 105.70): BGC
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): BGC



#23

Nitrobenzene-d5

Concen: 94.00 ng

RT: 9.44 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BG021003.D

Acq: 20 Feb 2016 11:19

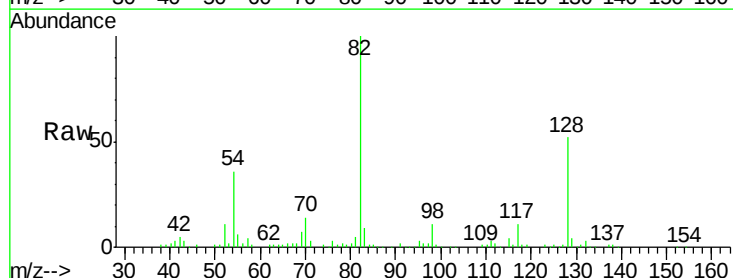
Tgt Ion: 82 Resp: 162511

Ion Ratio Lower Upper

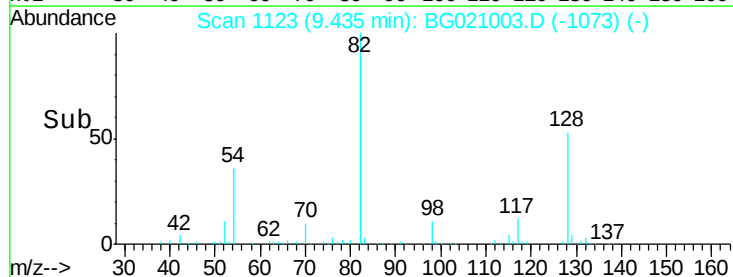
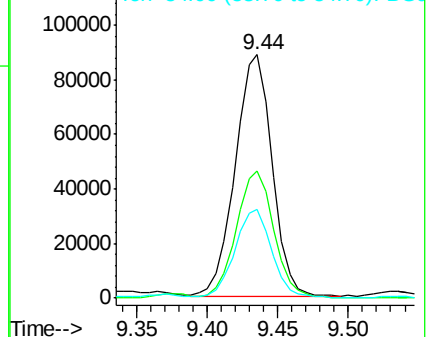
82 100

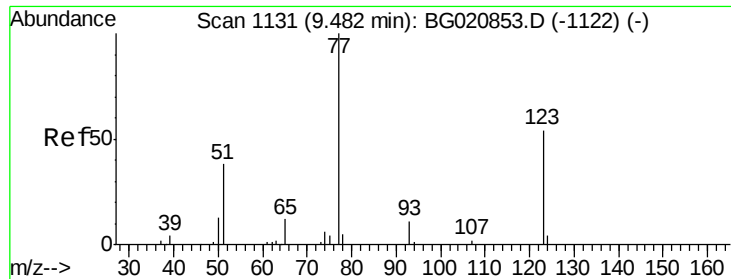
128 52.2 40.1 60.1

54 36.3 29.5 44.3



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

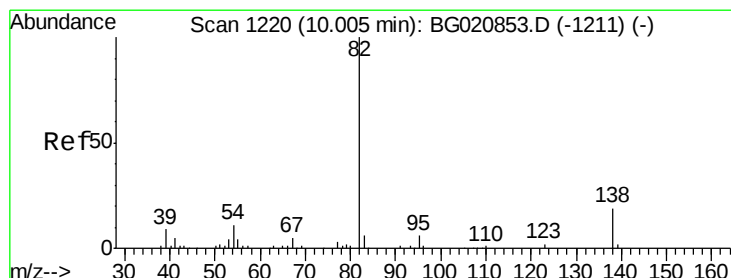
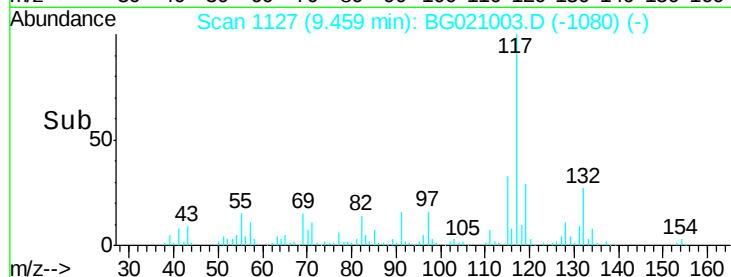
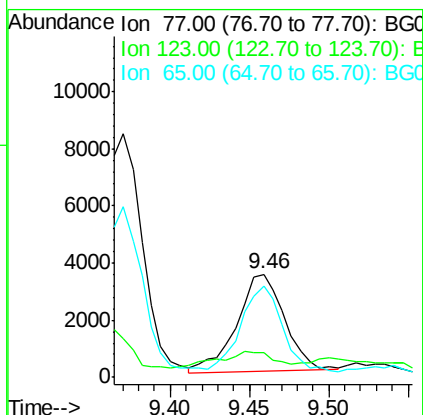
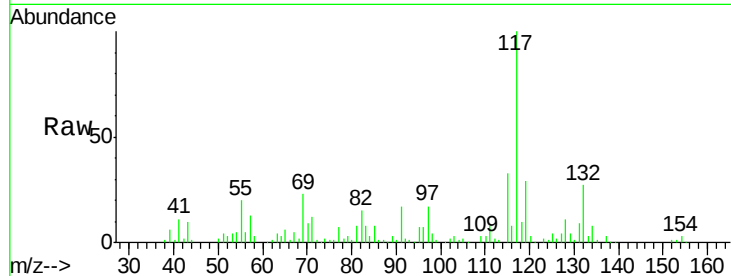




#24
 Nitrobenzene
 Concen: 3.89 ng
 RT: 9.46 min Scan# 1127
 Delta R.T. -0.02 min
 Lab File: BG021003.D
 Acq: 20 Feb 2016 11:19

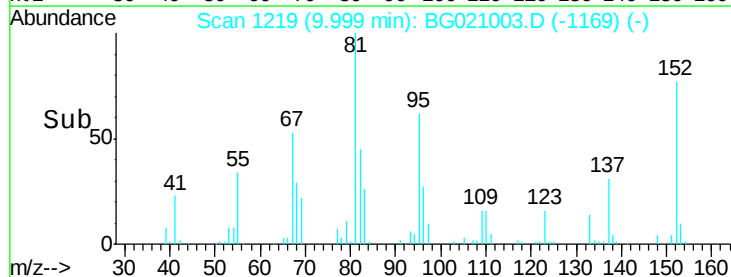
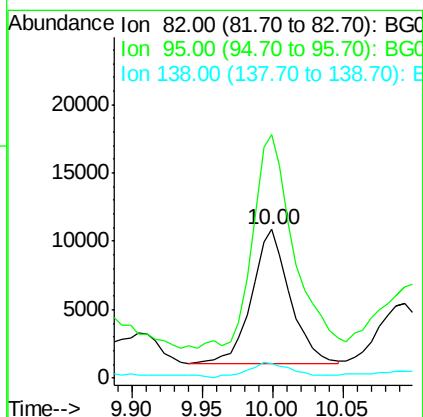
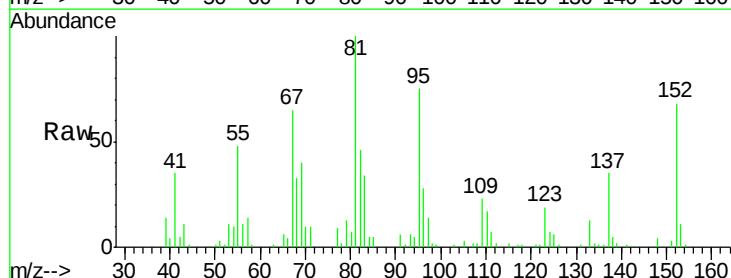
Instrument :
 BNA_G
 ClientSampled :
 HW-17

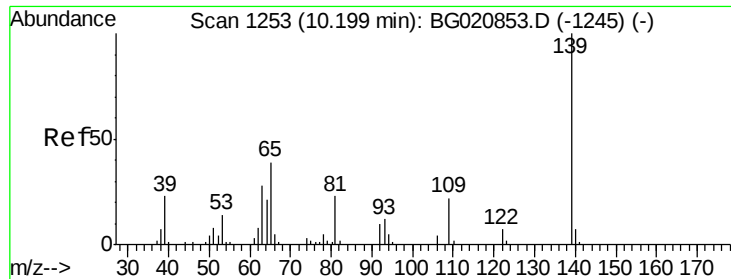
Tgt Ion: 77 Resp: 7003
 Ion Ratio Lower Upper
 77 100
 123 24.0 43.2 64.8#
 65 88.8 9.2 13.8#



#25
 Isophorone
 Concen: 5.19 ng
 RT: 10.00 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BG021003.D
 Acq: 20 Feb 2016 11:19

Tgt Ion: 82 Resp: 18915
 Ion Ratio Lower Upper
 82 100
 95 163.9 4.8 7.2#
 138 10.1 15.4 23.0#

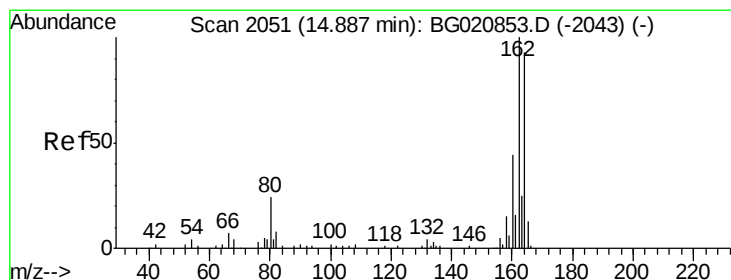
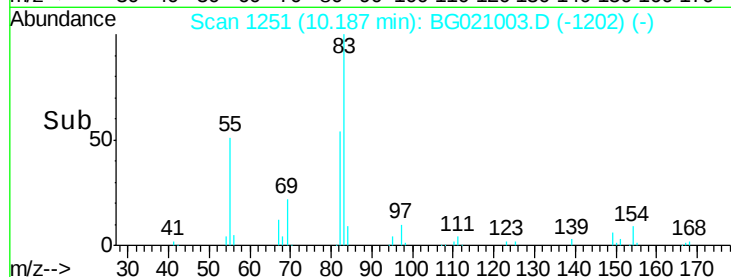
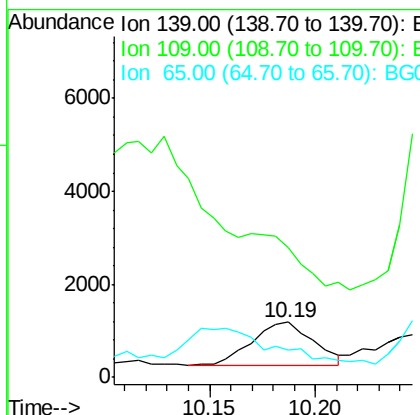
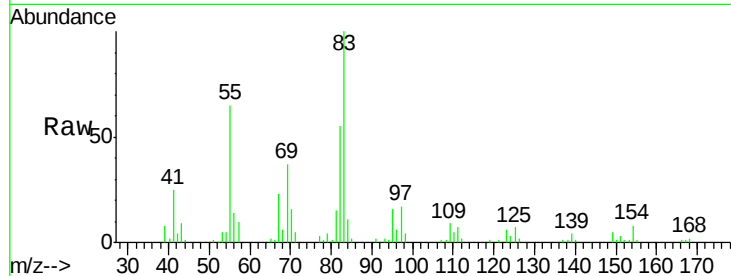




#26
2-Nitrophenol
Concen: 2.01 ng
RT: 10.19 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BG021003.D
Acq: 20 Feb 2016 11:19

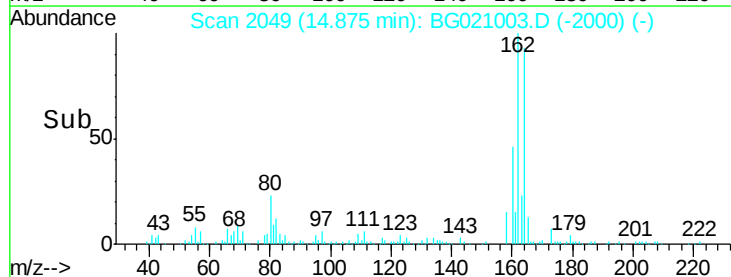
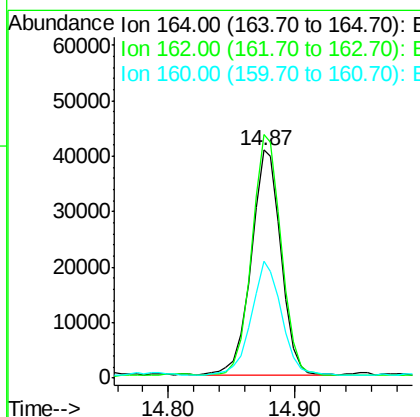
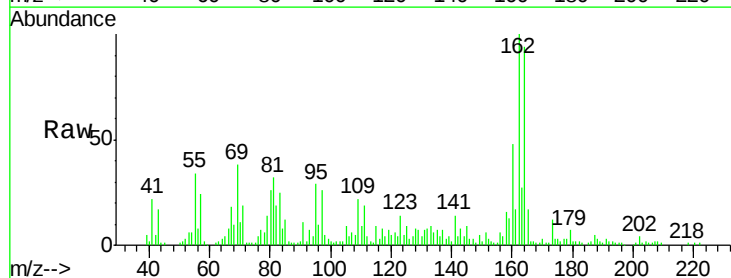
Instrument :
BNA_G
ClientSampleId :
HW-17

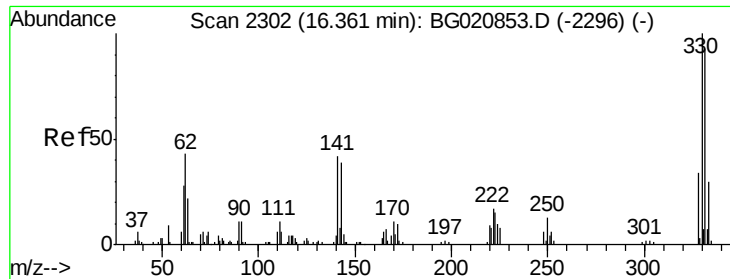
Tgt Ion:139 Resp: 1909
Ion Ratio Lower Upper
139 100
109 237.4 17.6 26.4#
65 49.4 31.0 46.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.87 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BG021003.D
Acq: 20 Feb 2016 11:19

Tgt Ion:164 Resp: 65972
Ion Ratio Lower Upper
164 100
162 106.7 85.7 128.5
160 51.3 37.4 56.0





#41

2,4,6-Tribromophenol

Concen: 159.07 ng

RT: 16.36 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BG021003.D

Acq: 20 Feb 2016 11:19

Instrument :

BNA_G

ClientSampleId :

HW-17

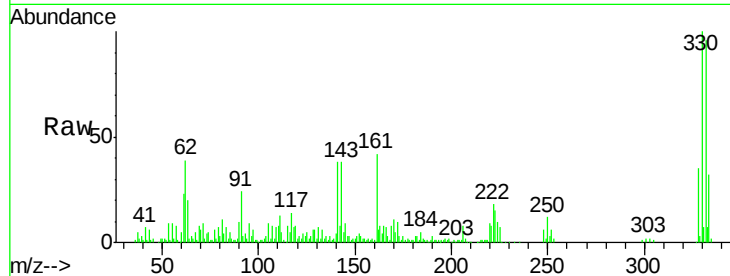
Tgt Ion:330 Resp: 103202

Ion Ratio Lower Upper

330 100

332 95.3 76.1 114.1

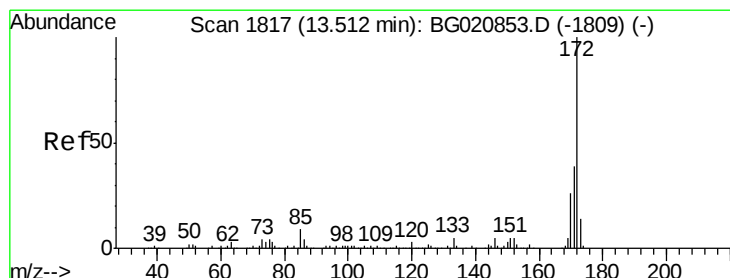
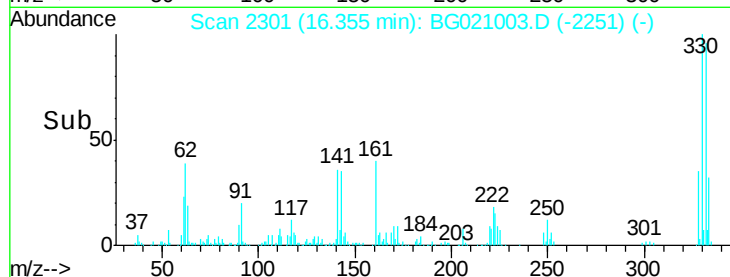
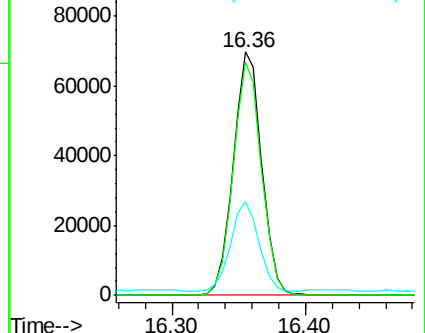
141 36.6 32.0 48.0



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: 95.84 ng

RT: 13.51 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BG021003.D

Acq: 20 Feb 2016 11:19

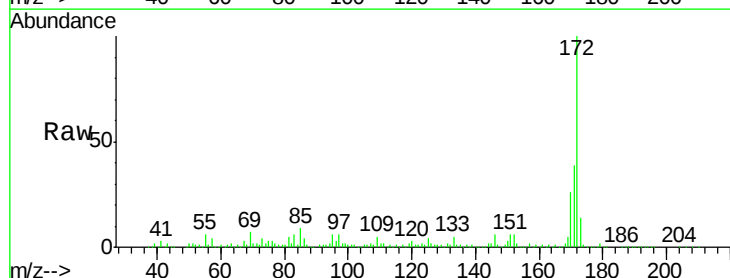
Tgt Ion:172 Resp: 450113

Ion Ratio Lower Upper

172 100

171 38.9 31.2 46.8

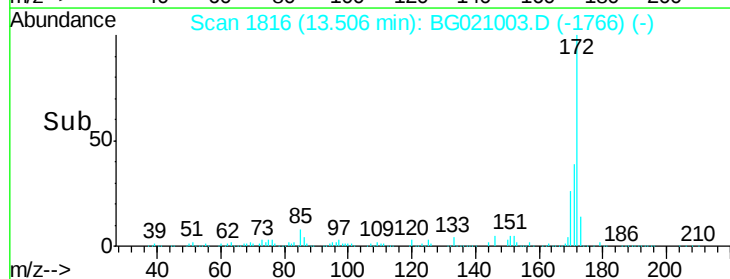
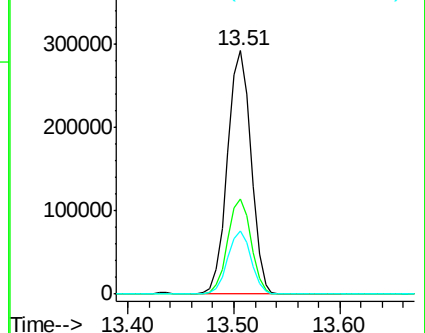
170 26.1 20.6 30.8

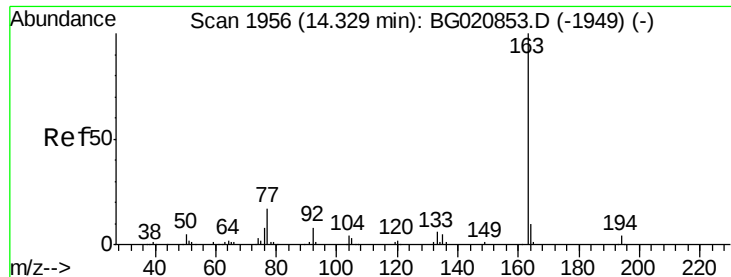


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 6.50 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG021003.D

Acq: 20 Feb 2016 11:19

Instrument :

BNA_G

ClientSampleId :

HW-17

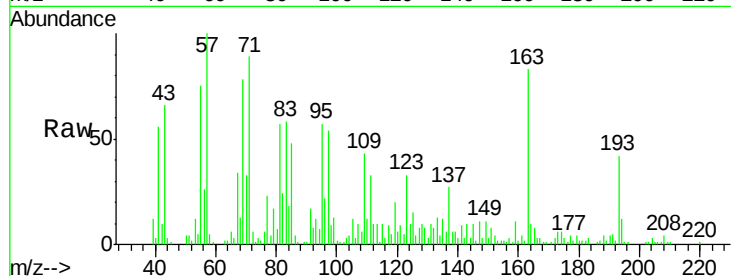
Tgt Ion:163 Resp: 33539

Ion Ratio Lower Upper

163 100

194 14.7 3.1 4.7#

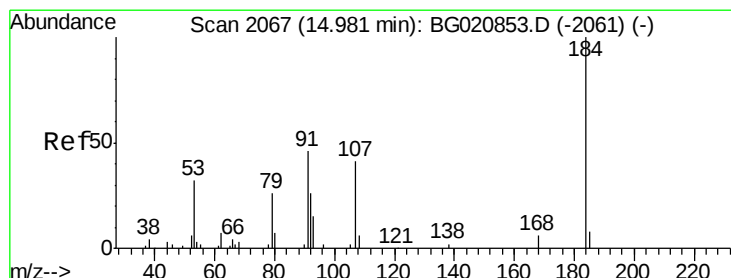
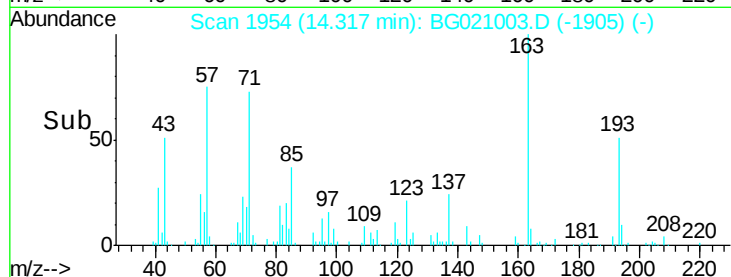
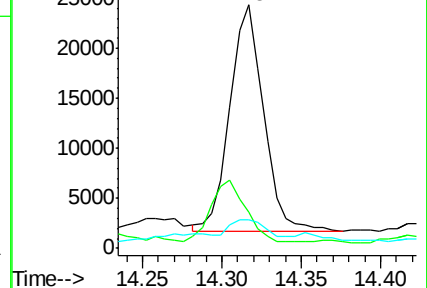
164 11.8 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 8.95 ng

RT: 15.16 min Scan# 2097

Delta R.T. 0.18 min

Lab File: BG021003.D

Acq: 20 Feb 2016 11:19

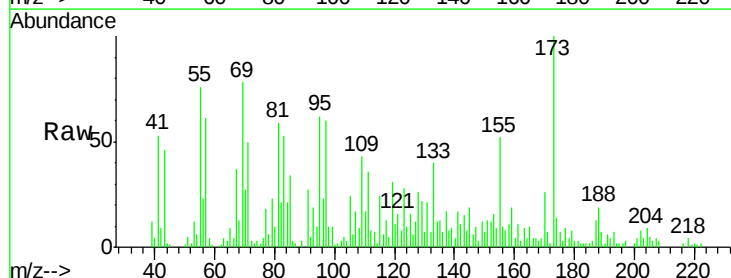
Tgt Ion:184 Resp: 278

Ion Ratio Lower Upper

184 100

63 176.2 39.8 59.6#

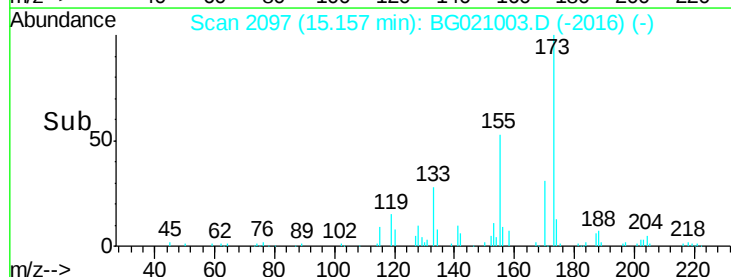
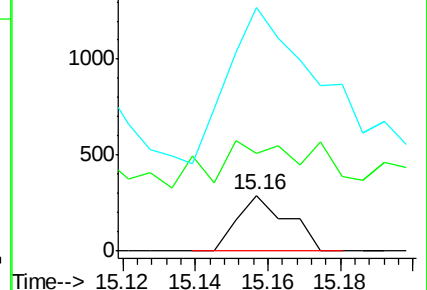
154 437.6 48.1 72.1#

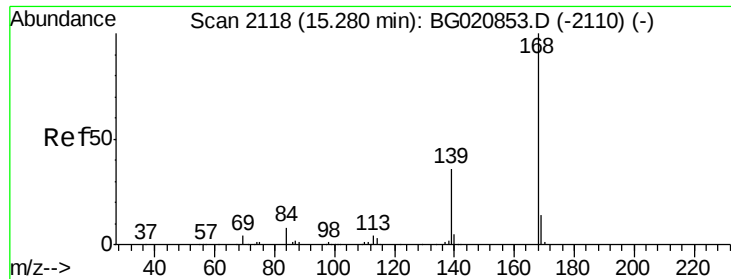


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 2.15 ng

RT: 15.27 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BG021003.D

Acq: 20 Feb 2016 11:19

Instrument :

BNA_G

ClientSampleId :

HW-17

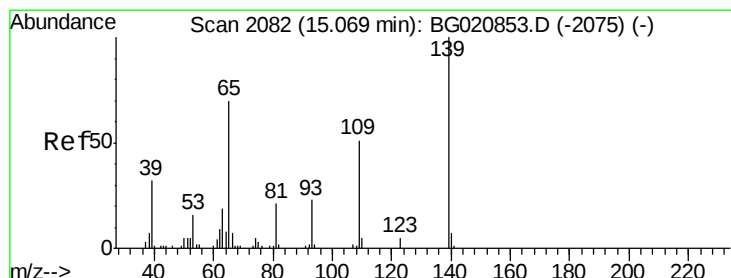
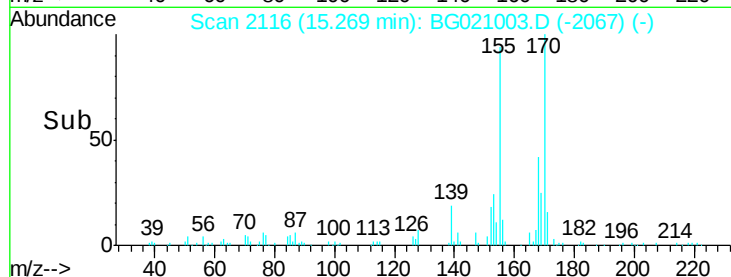
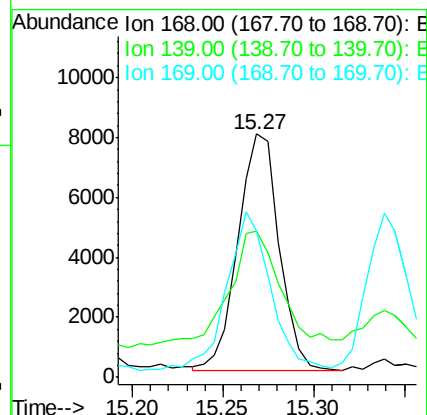
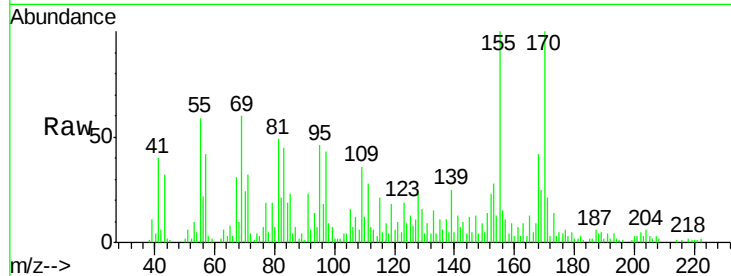
Tgt Ion:168 Resp: 12495

Ion Ratio Lower Upper

168 100

139 60.1 28.5 42.7#

169 60.1 11.0 16.4#



#55

4-Nitrophenol

Concen: 3.85 ng

RT: 15.07 min Scan# 2083

Delta R.T. 0.01 min

Lab File: BG021003.D

Acq: 20 Feb 2016 11:19

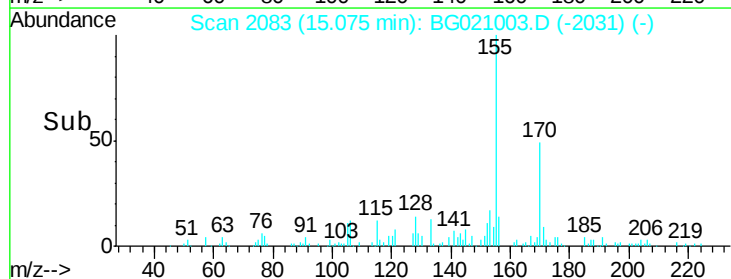
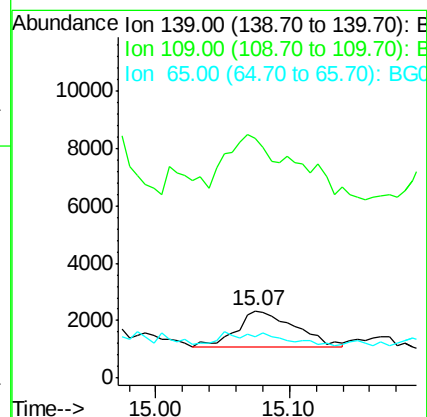
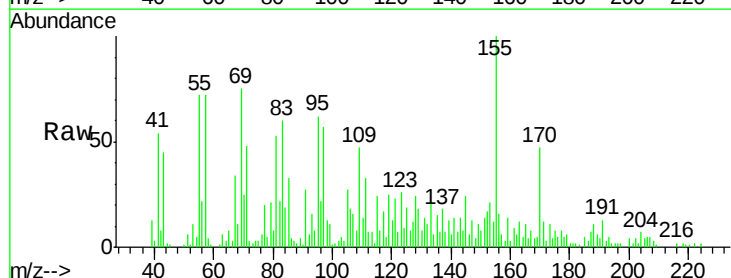
Tgt Ion:139 Resp: 3733

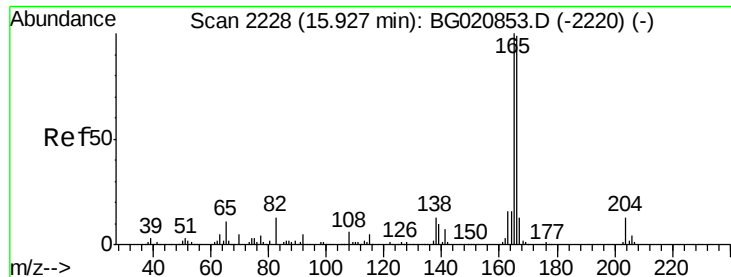
Ion Ratio Lower Upper

139 100

109 355.0 31.0 71.0#

65 62.1 49.6 89.6





#57

Fluorene

Concen: 2.91 ng

RT: 15.91 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG021003.D

Acq: 20 Feb 2016 11:19

Instrument :

BNA_G

ClientSampleId :

HW-17

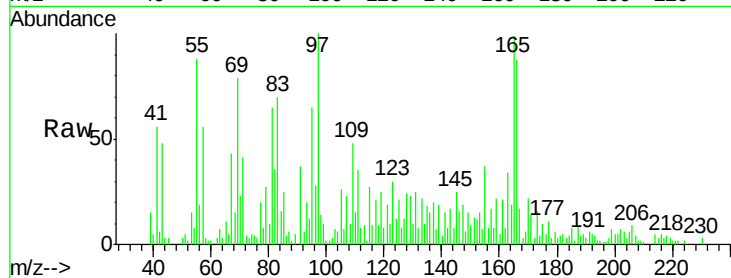
Tgt Ion:166 Resp: 15593

Ion Ratio Lower Upper

166 100

165 113.3 81.0 121.4

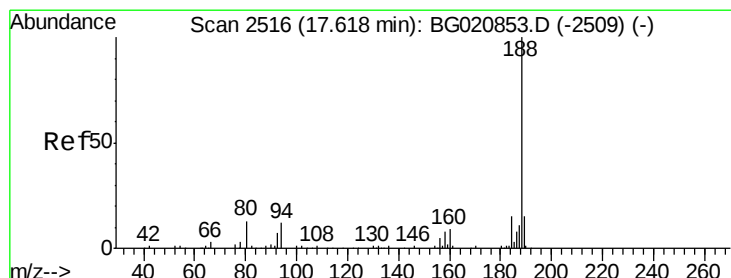
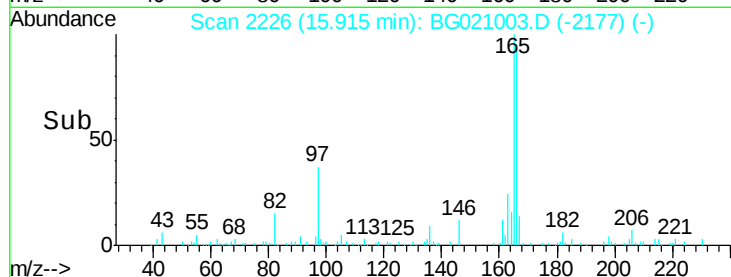
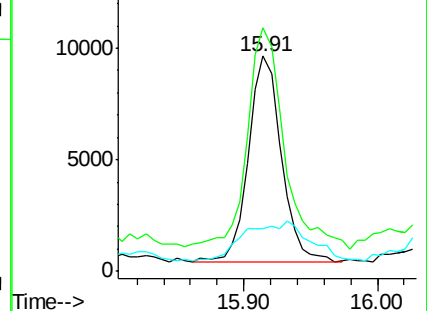
167 19.6 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.61 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BG021003.D

Acq: 20 Feb 2016 11:19

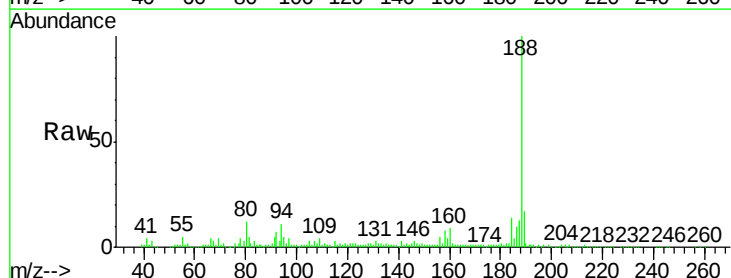
Tgt Ion:188 Resp: 125802

Ion Ratio Lower Upper

188 100

94 11.4 9.4 14.0

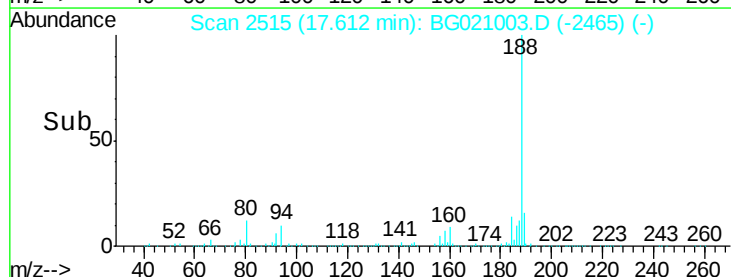
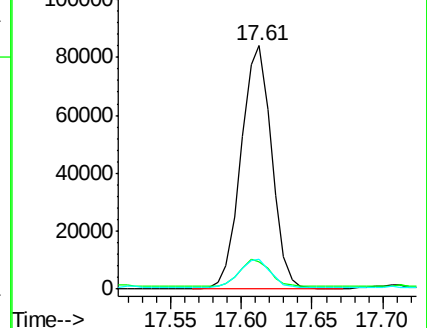
80 12.3 10.2 15.4

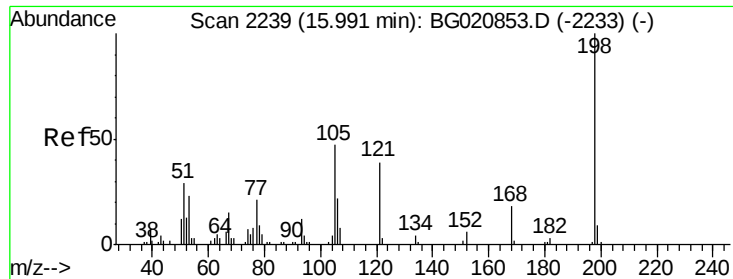


Abundance Ion 188.00 (187.70 to 188.70): E

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: 6.20 ng

RT: 15.96 min Scan# 2233

Delta R.T. -0.04 min

Lab File: BG021003.D

Acq: 20 Feb 2016 11:19

Instrument :

BNA_G

ClientSampleId :

HW-17

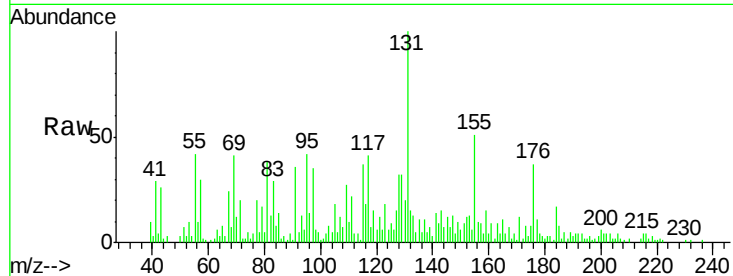
Tgt Ion:198 Resp: 494

Ion Ratio Lower Upper

198 100

51 432.3 10.6 50.6#

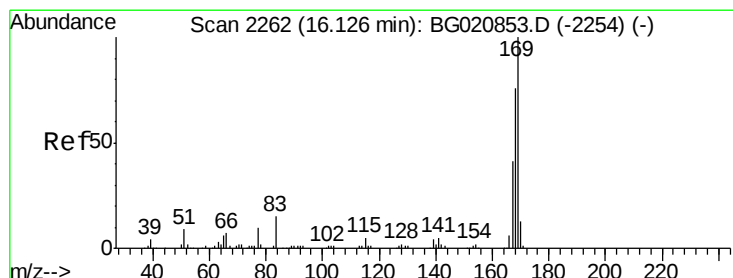
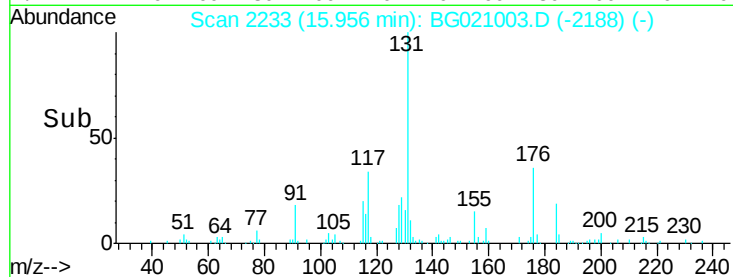
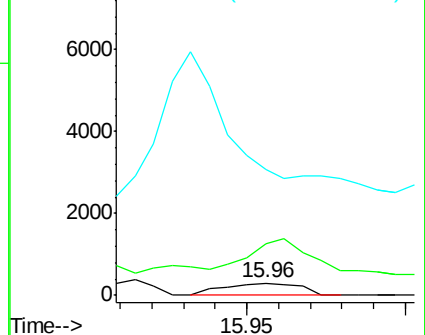
105 1043.9 27.0 67.0#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 2.09 ng

RT: 16.12 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG021003.D

Acq: 20 Feb 2016 11:19

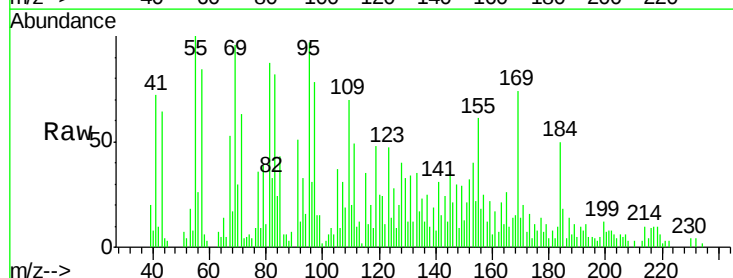
Tgt Ion:169 Resp: 8514

Ion Ratio Lower Upper

169 100

168 20.1 60.7 91.1#

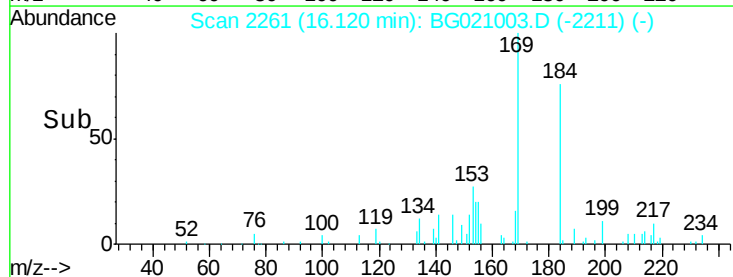
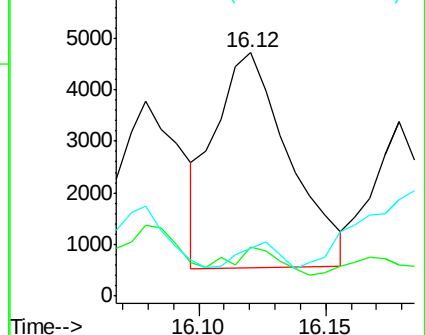
167 19.4 32.8 49.2#

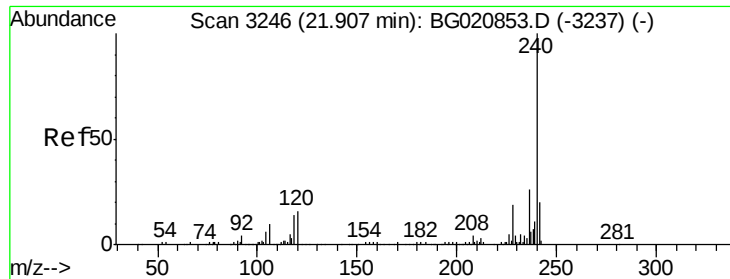


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

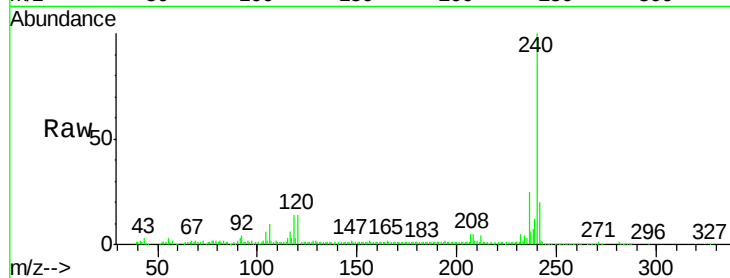




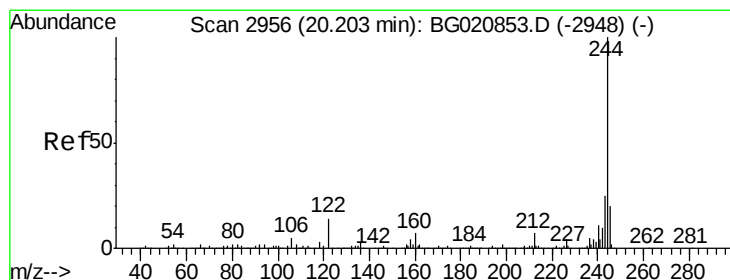
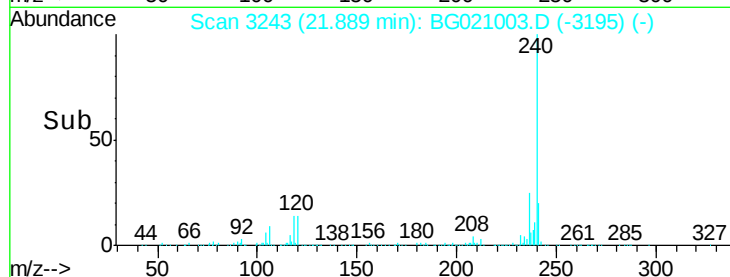
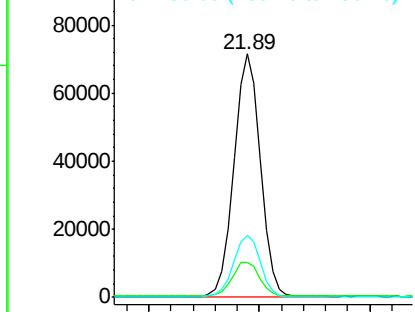
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. -0.02 min
Lab File: BG021003.D
Acq: 20 Feb 2016 11:19

Instrument :
BNA_G
ClientSampleId :
HW-17

Tgt Ion:240 Resp: 119256
Ion Ratio Lower Upper
240 100
120 14.4 13.0 19.4
236 25.2 21.0 31.4

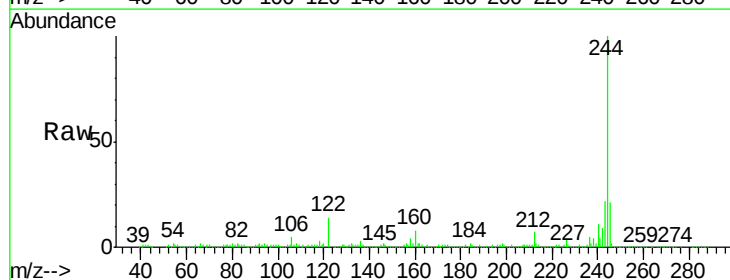


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

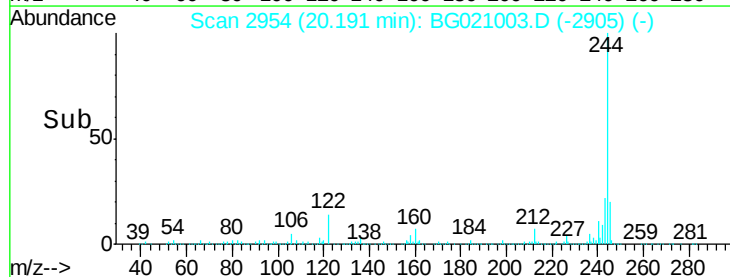
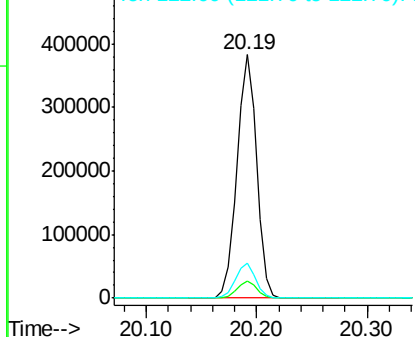


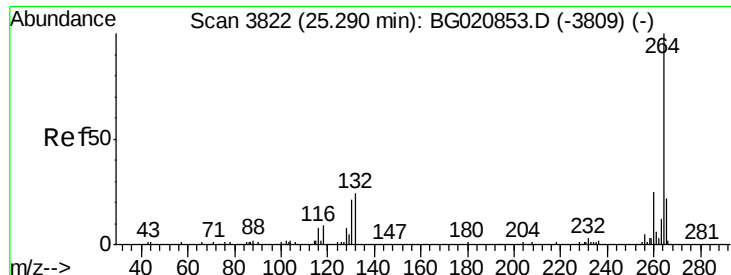
#78
Terphenyl-d14
Concen: 93.57 ng
RT: 20.19 min Scan# 2954
Delta R.T. -0.01 min
Lab File: BG021003.D
Acq: 20 Feb 2016 11:19

Tgt Ion:244 Resp: 478321
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 14.2 11.4 17.2



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





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.26 min Scan# 3817
Delta R.T. -0.03 min
Lab File: BG021003.D
Acq: 20 Feb 2016 11:19

Instrument :
BNA_G
ClientSampleId :
HW-17

Tgt Ion:	264	Resp:	116677
Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.9	29.9
265	21.0	18.0	27.0

