

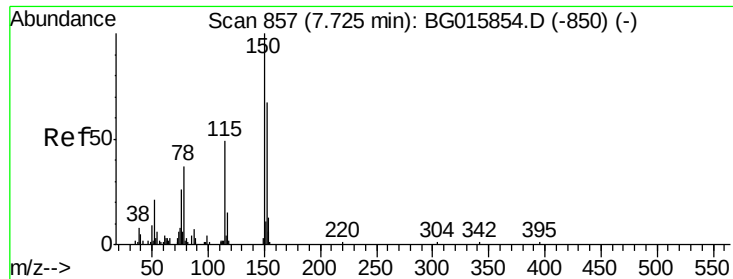
Data Path : Z:\HPCHEM1\BNA_G\Data\BG010915\
 Data File : BG015869.D
 Acq On : 9 Jan 2015 14:20
 Operator : TP/IZ
 Sample : G1038-02RE
 Misc : W
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFFWWRERE

Quant Time: Jan 10 01:22:02 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 06 08:46:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	36609	20.00	ng	0.04
21) Naphthalene-d8	10.54	136	139588	20.00	ng	0.03
38) Acenaphthene-d10	14.37	164	101381	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	218981	20.00	ng	0.00
75) Chrysene-d12	21.45	240	159107	20.00	ng	0.15
86) Perylene-d12	23.61	264	192697	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	54	0.01	ng	0.12
7) Phenol-d6	7.02	99	43660	7.36	ng	0.11
23) Nitrobenzene-d5	8.93	82	182966	25.72	ng	0.04
41) 2,4,6-Tribromophenol	15.87	330	65967	17.12	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	311763	21.96	ng	0.00
78) Terphenyl-d14	19.76	244	307731	21.61	ng	0.01
Target Compounds						Qvalue
32) Benzoic acid	9.82	122	183	5.59	ng	95
45) 1,1'-Biphenyl	13.20	154	27299	3.77	ng	94
49) Dimethylphthalate	13.83	163	24324	3.25	ng	# 93
53) 2,4-Dinitrophenol	14.49	184	937	10.67	ng	# 61
55) 4-Nitrophenol	14.58	139	4640	3.67	ng	# 25
61) 4-Nitroaniline	15.53	138	771909	427.91	ng	# 1
62) Azobenzene	15.73	77	42471	4.77	ng	# 11
64) 4,6-Dinitro-2-methylphenol	15.52	198	287	3.71	ng	# 1
69) Pentachlorophenol	16.80	266	786	3.45	ng	# 79
79) Butylbenzylphthalate	20.57	149	8824	2.77	ng	# 1
83) Bis(2-ethylhexyl)phthalate	21.29	149	68651	14.81	ng	# 84

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

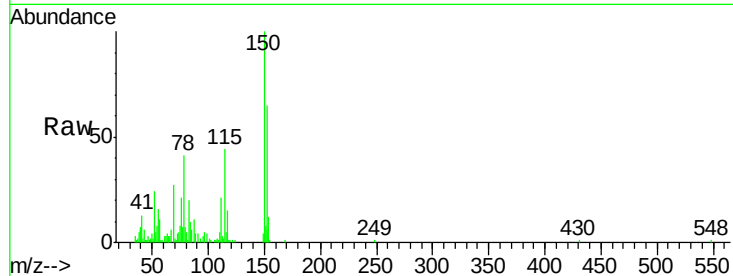


#1

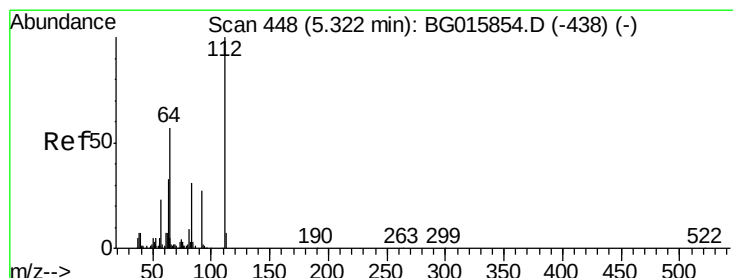
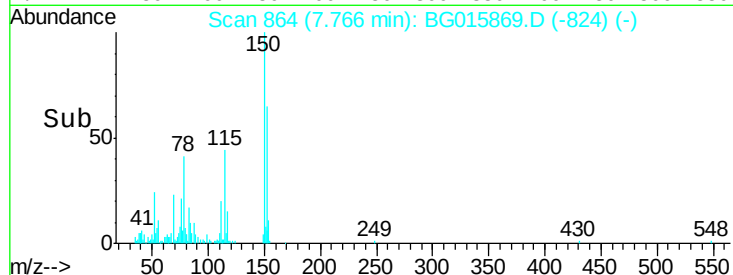
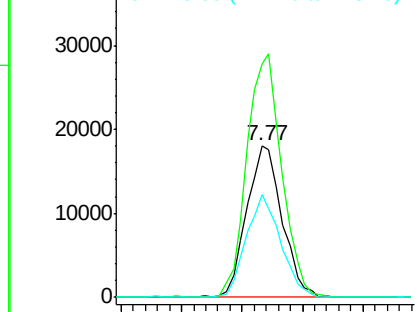
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 864
Delta R.T. 0.04 min
Lab File: BG015869.D
Acq: 9 Jan 2015 14:20

Instrument :
BNA_G
ClientSampleId :
EFFWWRERE

Tgt Ion:152 Resp: 36609
Ion Ratio Lower Upper
152 100
150 153.5 120.5 180.7
115 67.8 54.0 81.0



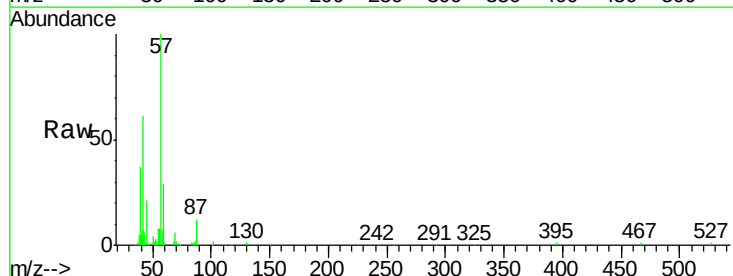
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



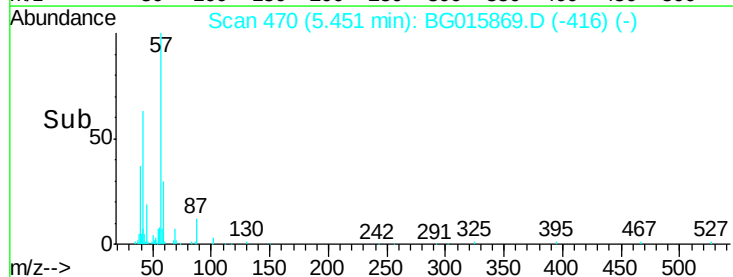
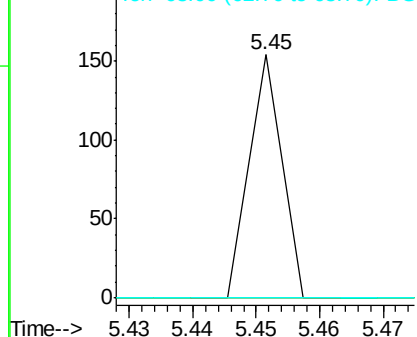
#5

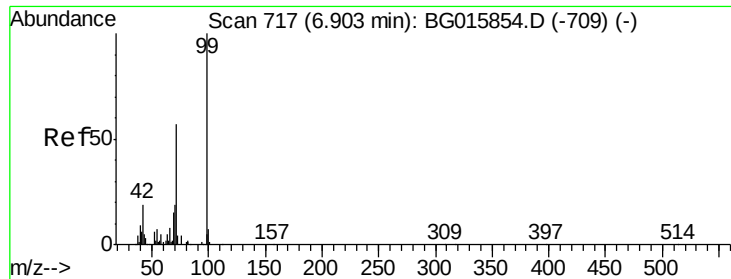
2-Fluorophenol
Concen: 0.01 ng
RT: 5.45 min Scan# 470
Delta R.T. 0.12 min
Lab File: BG015869.D
Acq: 9 Jan 2015 14:20

Tgt Ion:112 Resp: 54
Ion Ratio Lower Upper
112 100
64 0.0 46.8 70.2#
63 0.0 30.6 45.8#



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: 7.36 ng

RT: 7.02 min Scan# 737

Delta R.T. 0.11 min

Lab File: BG015869.D

Acq: 9 Jan 2015 14:20

Instrument :

BNA_G

ClientSampleId :

EFFWWRE

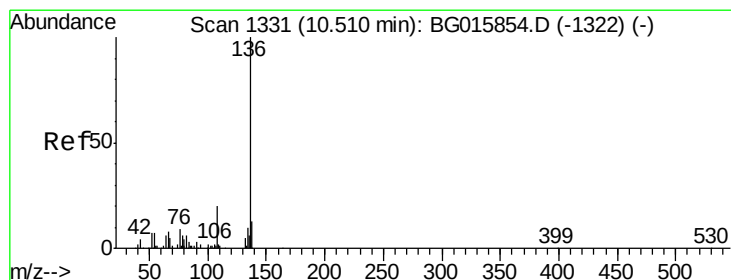
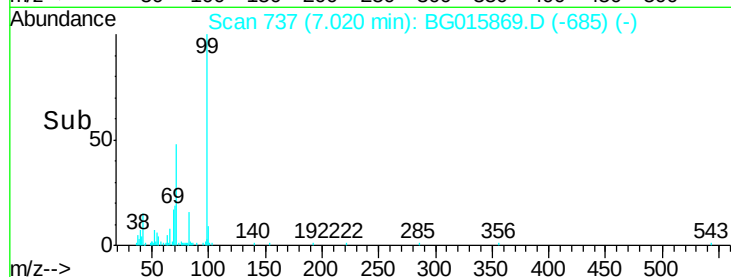
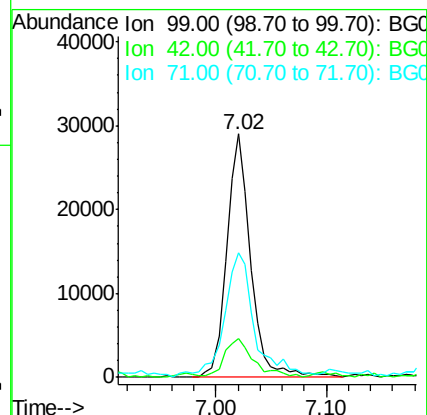
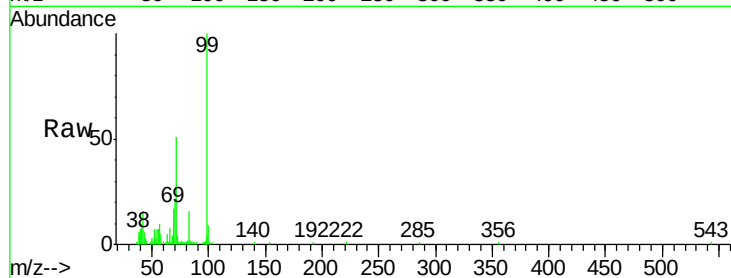
Tgt Ion: 99 Resp: 43660

Ion Ratio Lower Upper

99 100

42 16.1 13.8 20.8

71 51.1 42.8 64.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.54 min Scan# 1336

Delta R.T. 0.03 min

Lab File: BG015869.D

Acq: 9 Jan 2015 14:20

Tgt Ion: 136 Resp: 139588

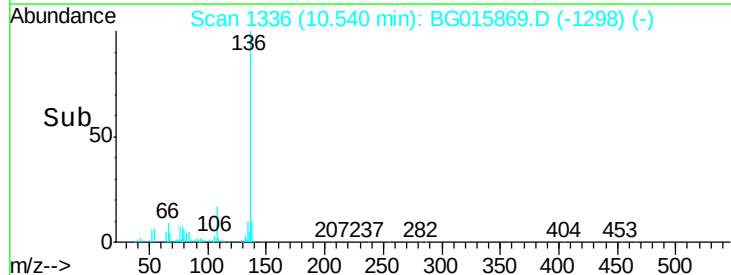
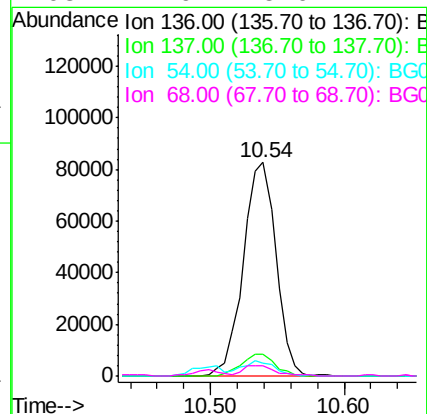
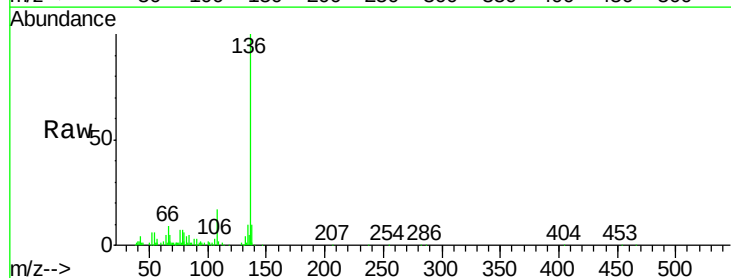
Ion Ratio Lower Upper

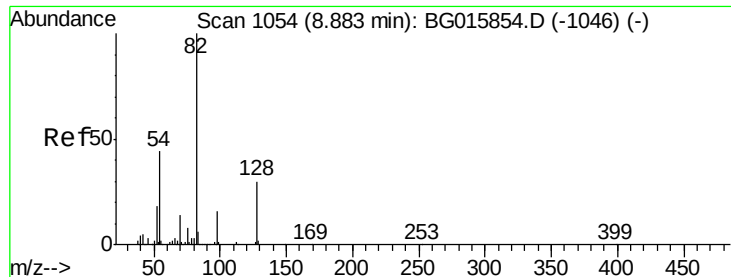
136 100

137 10.4 9.6 14.4

54 6.3 4.5 6.7

68 4.9 5.0 7.4#

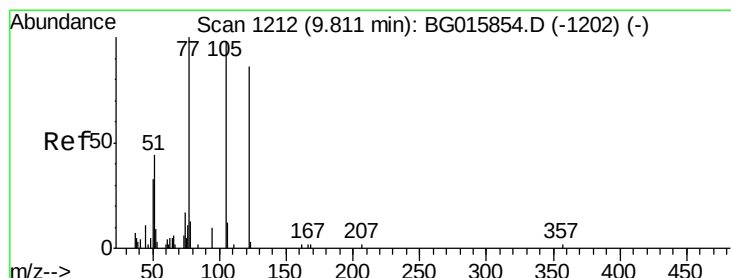
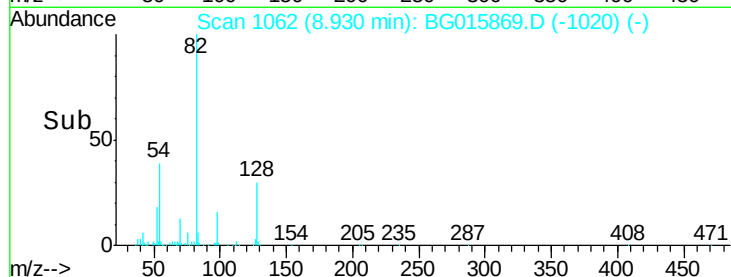
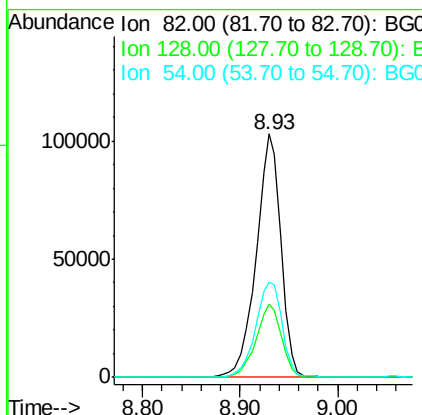
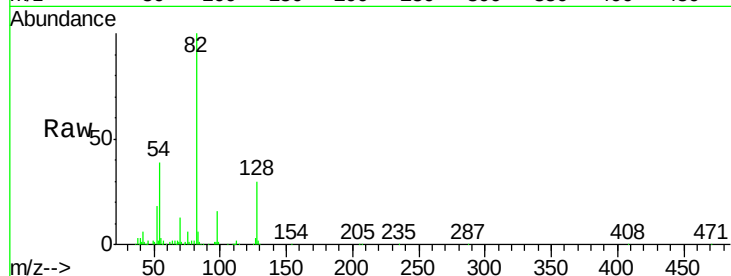




#23
 Nitrobenzene-d5
 Concen: 25.72 ng
 RT: 8.93 min Scan# 1062
 Delta R.T. 0.04 min
 Lab File: BG015869.D
 Acq: 9 Jan 2015 14:20

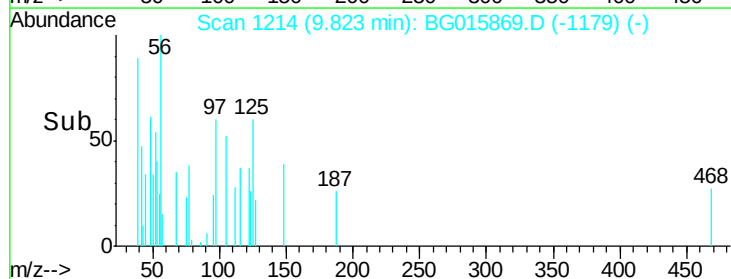
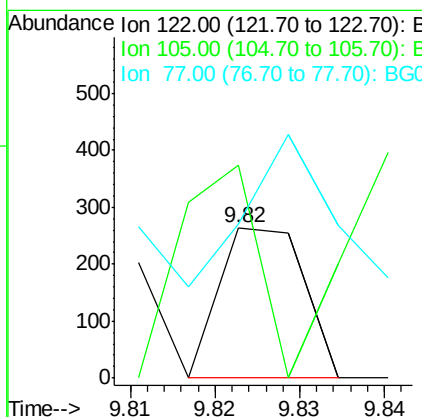
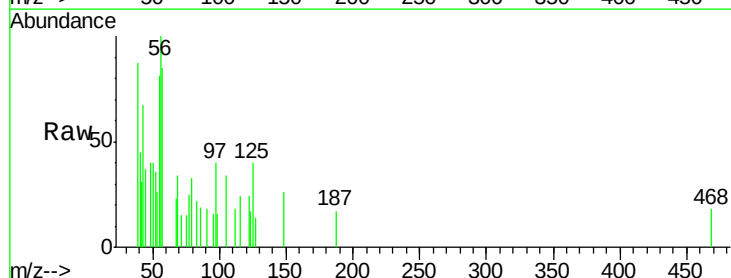
Instrument :
 BNA_G
 ClientSampleId :
 EFFWWRERE

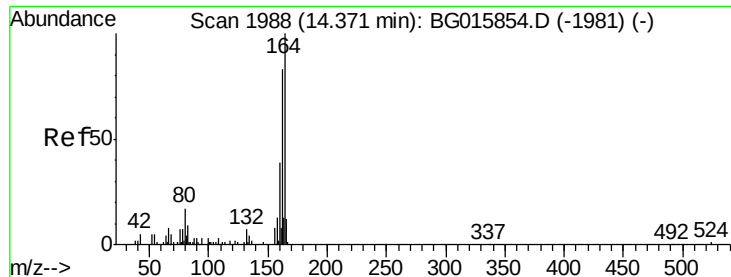
Tgt Ion: 82 Resp: 182966
 Ion Ratio Lower Upper
 82 100
 128 29.9 23.4 35.0
 54 39.2 32.3 48.5



#32
 Benzoic acid
 Concen: 5.59 ng
 RT: 9.82 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BG015869.D
 Acq: 9 Jan 2015 14:20

Tgt Ion: 122 Resp: 183
 Ion Ratio Lower Upper
 122 100
 105 141.7 123.7 163.7
 77 102.3 92.4 132.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.37 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BG015869.D

Acq: 9 Jan 2015 14:20

Instrument :

BNA_G

ClientSampleId :

EFFWWRE

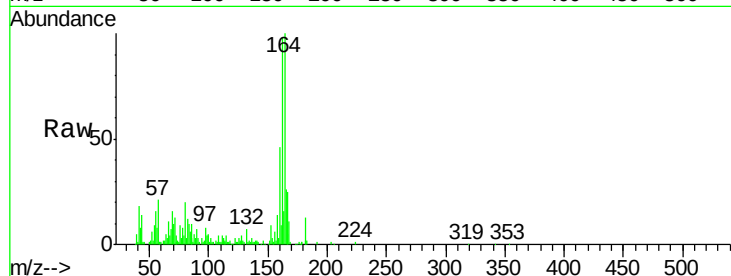
Tgt Ion:164 Resp: 101381

Ion Ratio Lower Upper

164 100

162 98.1 75.5 113.3

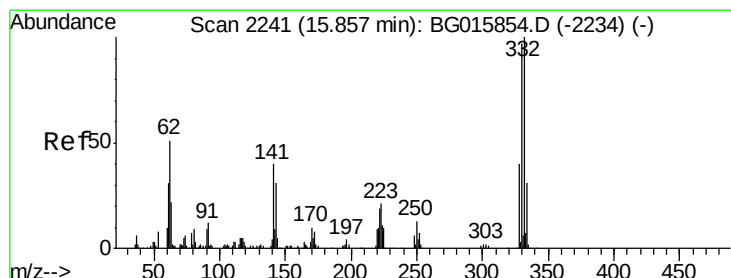
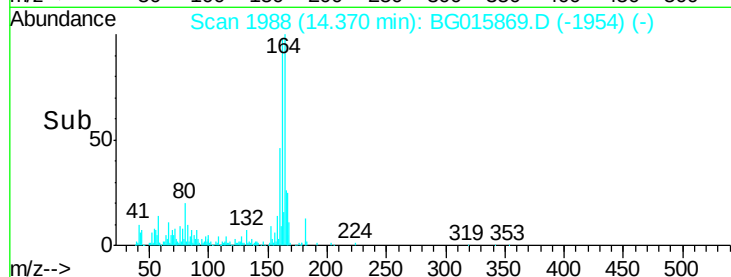
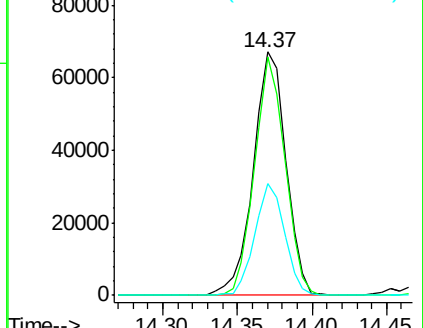
160 45.8 37.4 56.0



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: 17.12 ng

RT: 15.87 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BG015869.D

Acq: 9 Jan 2015 14:20

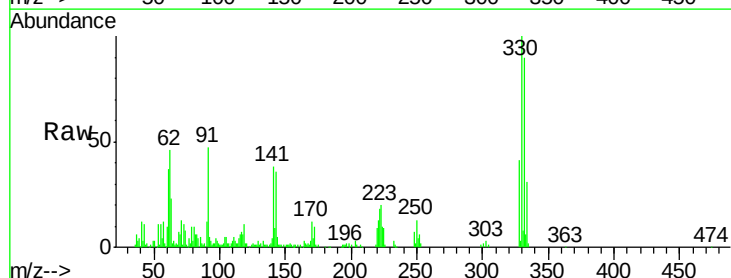
Tgt Ion:330 Resp: 65967

Ion Ratio Lower Upper

330 100

332 97.6 73.8 110.8

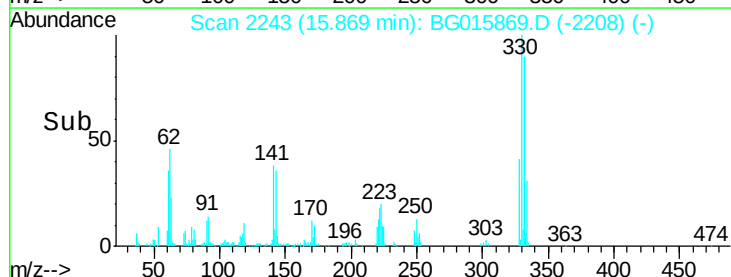
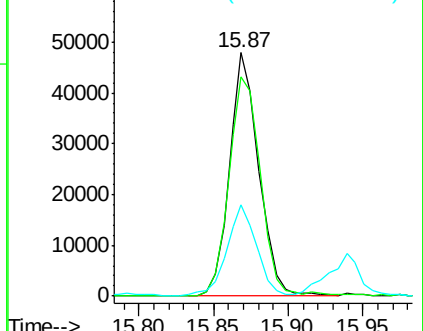
141 38.4 27.2 40.8

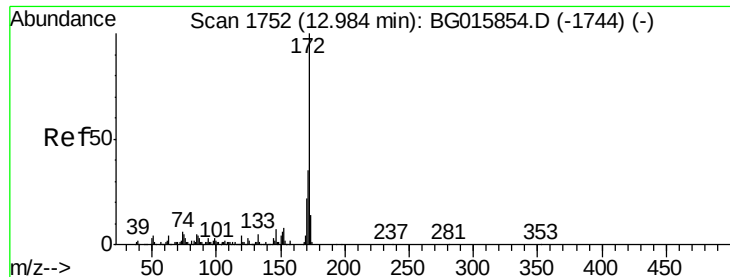


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

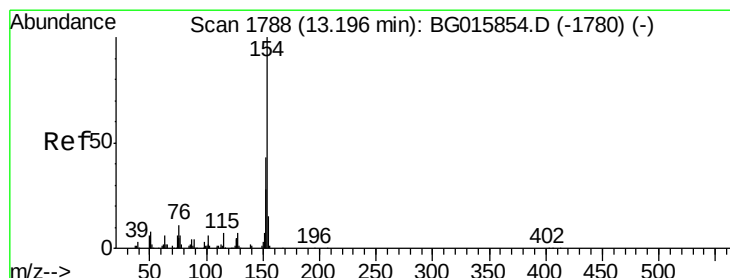
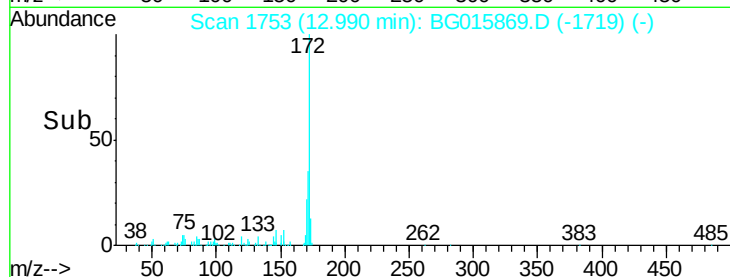
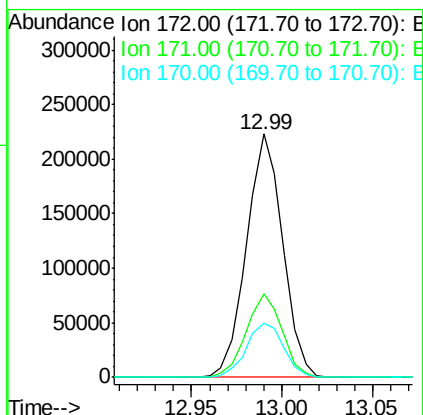
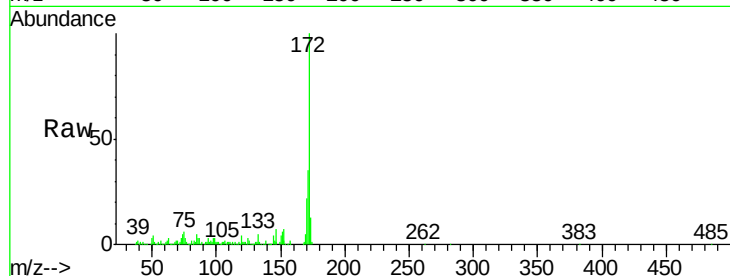




#44
2-Fluorobiphenyl
Concen: 21.96 ng
RT: 12.99 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BG015869.D
Acq: 9 Jan 2015 14:20

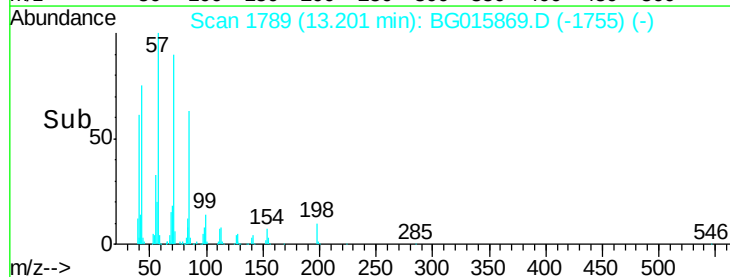
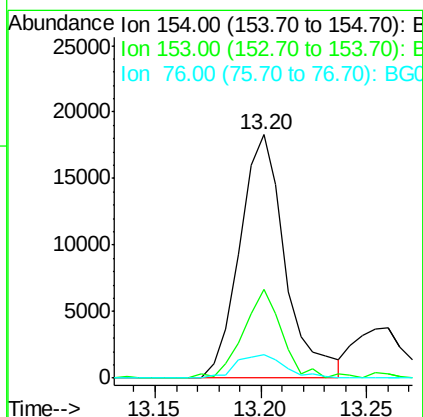
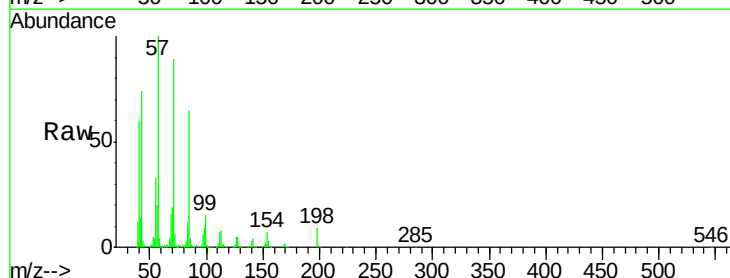
Instrument :
BNA_G
ClientSampleId :
EFFWWRERE

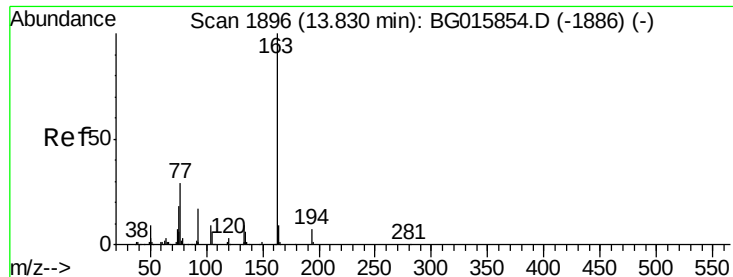
Tgt Ion:172 Resp: 311763
Ion Ratio Lower Upper
172 100
171 34.5 28.6 43.0
170 22.1 18.2 27.4



#45
1,1'-Biphenyl
Concen: 3.77 ng
RT: 13.20 min Scan# 1789
Delta R.T. 0.00 min
Lab File: BG015869.D
Acq: 9 Jan 2015 14:20

Tgt Ion:154 Resp: 27299
Ion Ratio Lower Upper
154 100
153 36.6 20.9 60.9
76 9.4 0.0 30.6





#49

Dimethylphthalate

Concen: 3.25 ng

RT: 13.83 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BG015869.D

Acq: 9 Jan 2015 14:20

Instrument :

BNA_G

ClientSampleId :

EFFWWRERE

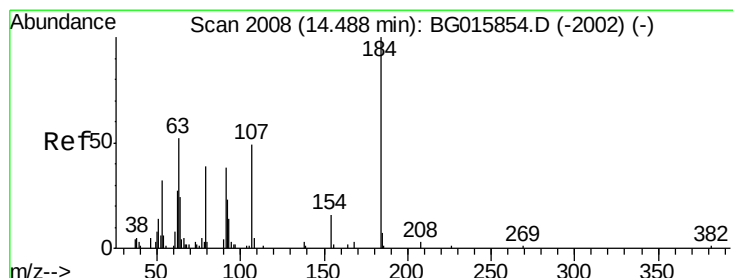
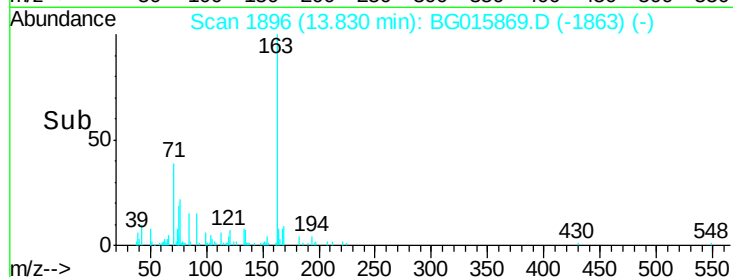
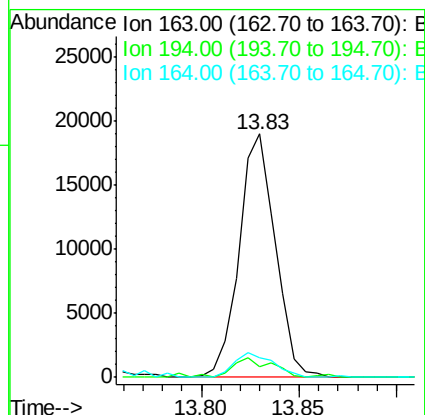
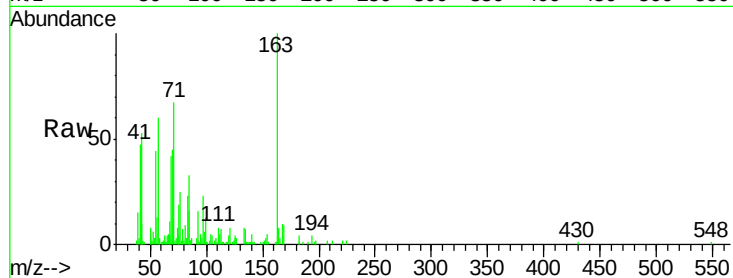
Tgt Ion:163 Resp: 24324

Ion Ratio Lower Upper

163 100

194 4.2 6.7 10.1#

164 8.0 7.4 11.0



#53

2,4-Dinitrophenol

Concen: 10.67 ng

RT: 14.49 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BG015869.D

Acq: 9 Jan 2015 14:20

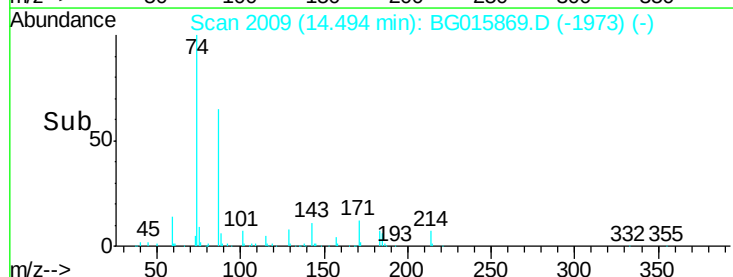
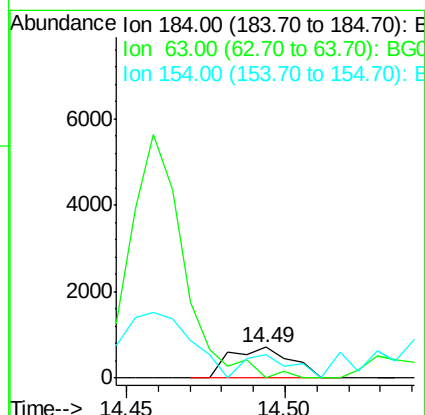
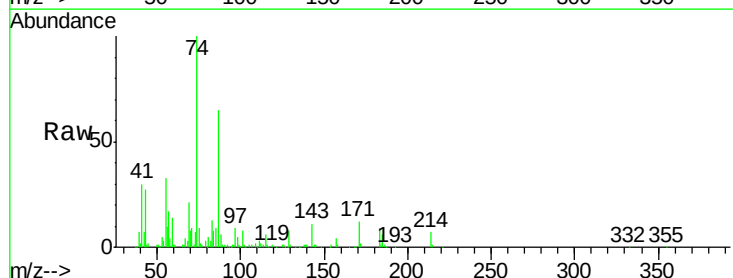
Tgt Ion:184 Resp: 937

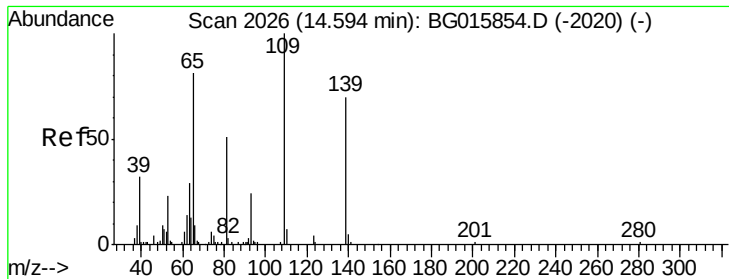
Ion Ratio Lower Upper

184 100

63 0.0 47.3 70.9#

154 75.8 56.9 85.3

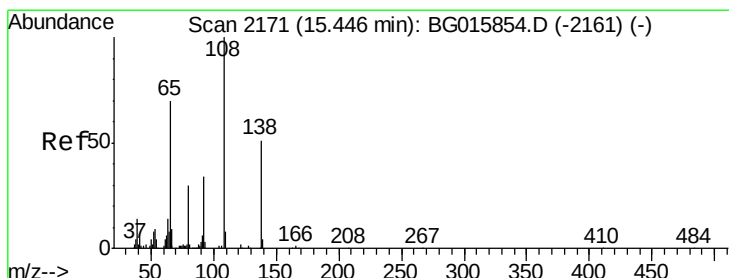
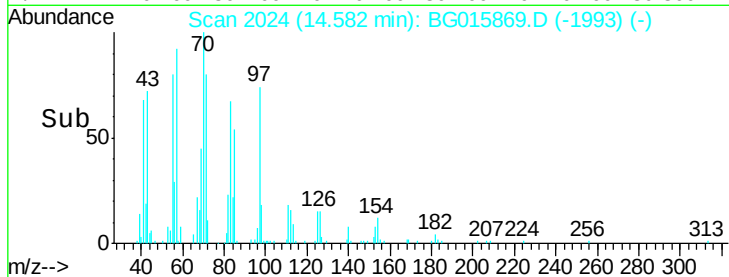
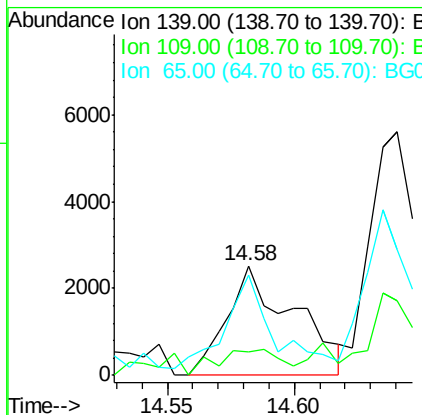
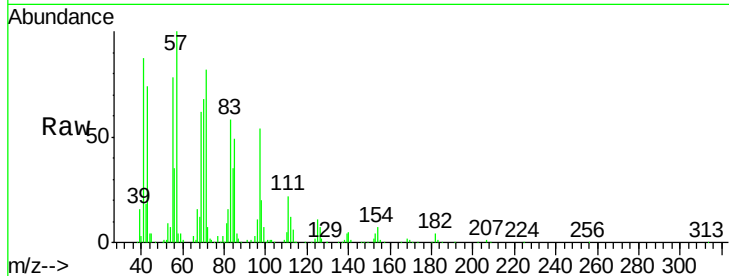




#55
4-Nitrophenol
Concen: 3.67 ng
RT: 14.58 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG015869.D
Acq: 9 Jan 2015 14:20

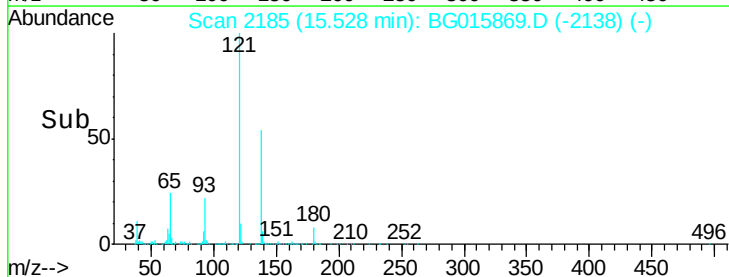
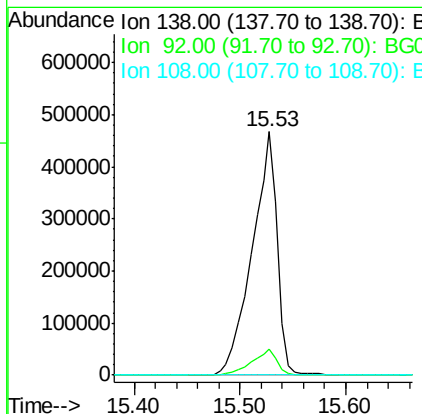
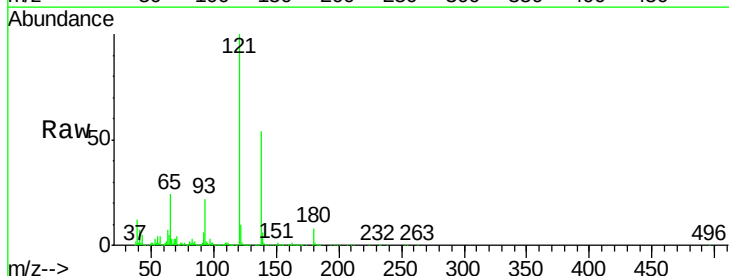
Instrument :
BNA_G
ClientSampleId :
EFFWWRERE

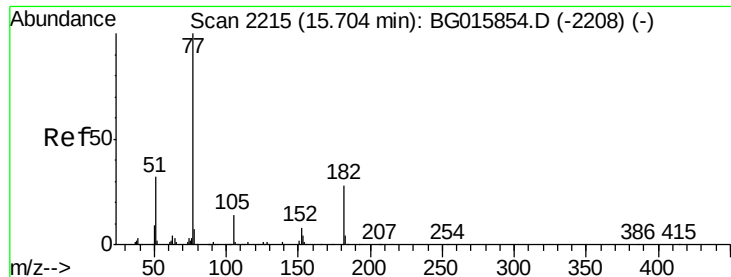
Tgt Ion:139 Resp: 4640
Ion Ratio Lower Upper
139 100
109 21.5 144.0 184.0#
65 91.7 115.4 155.4#



#61
4-Nitroaniline
Concen: 427.91 ng
RT: 15.53 min Scan# 2185
Delta R.T. 0.08 min
Lab File: BG015869.D
Acq: 9 Jan 2015 14:20

Tgt Ion:138 Resp: 771909
Ion Ratio Lower Upper
138 100
92 10.8 42.2 82.2#
108 0.1 147.2 187.2#

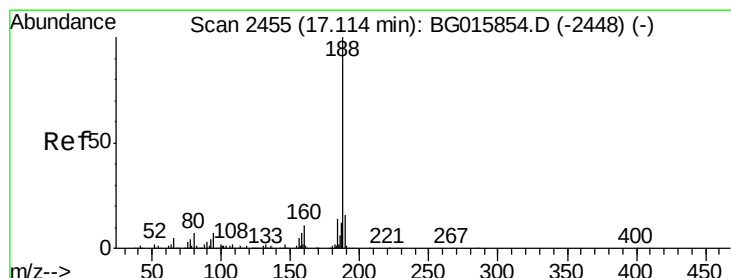
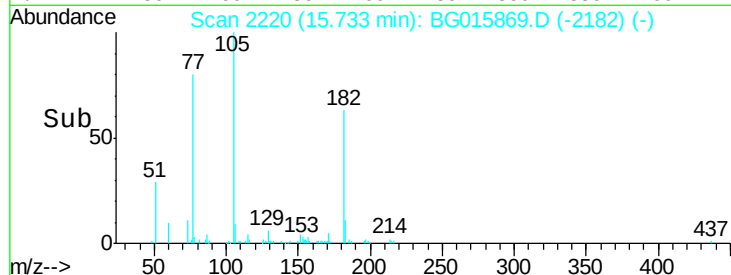
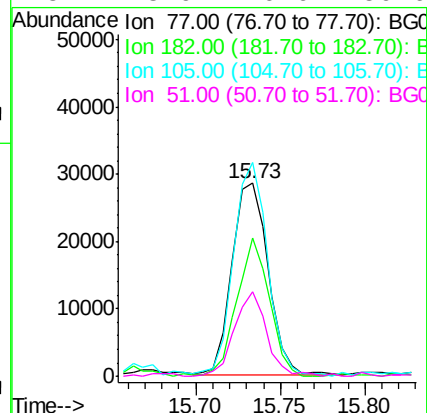
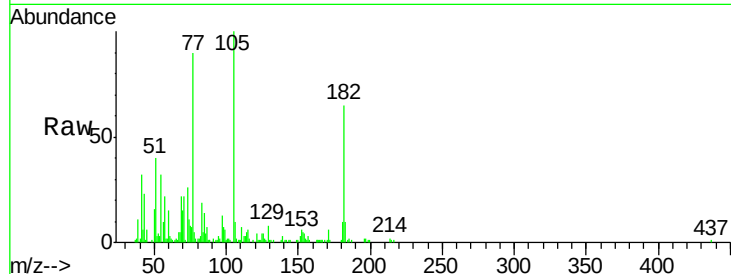




#62
Azobenzene
Concen: 4.77 ng
RT: 15.73 min Scan# 2220
Delta R.T. 0.03 min
Lab File: BG015869.D
Acq: 9 Jan 2015 14:20

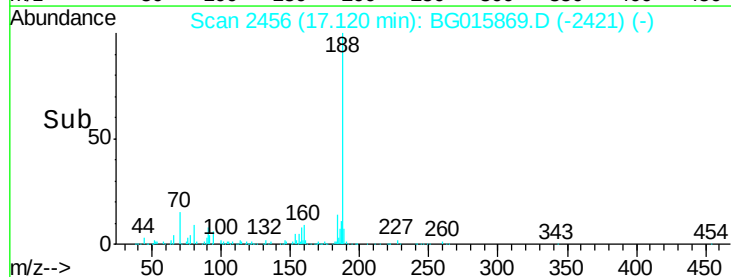
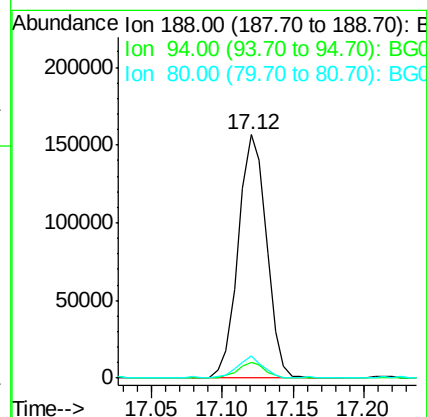
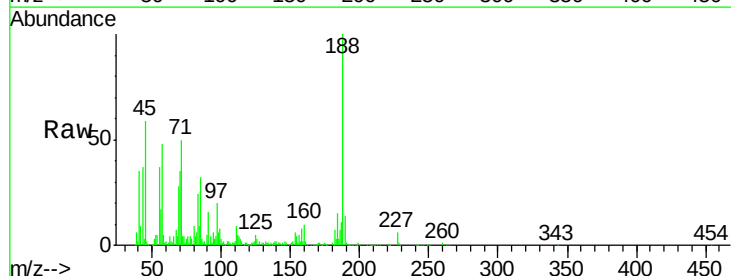
Instrument :
BNA_G
ClientSampleId :
EFFWWRERE

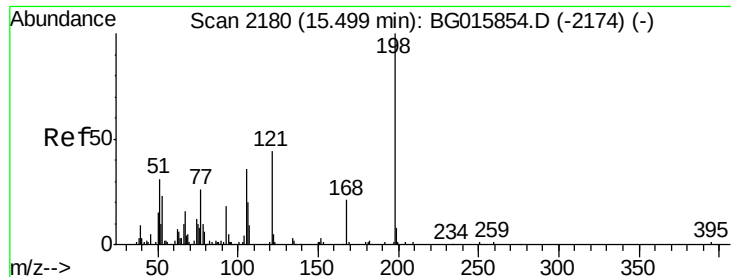
Tgt Ion: 77 Resp: 42471
Ion Ratio Lower Upper
77 100
182 71.7 7.7 47.7#
105 110.7 0.0 35.1#
51 43.9 10.6 50.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2456
Delta R.T. 0.01 min
Lab File: BG015869.D
Acq: 9 Jan 2015 14:20

Tgt Ion: 188 Resp: 218981
Ion Ratio Lower Upper
188 100
94 6.4 5.4 8.0
80 9.2 6.6 9.8

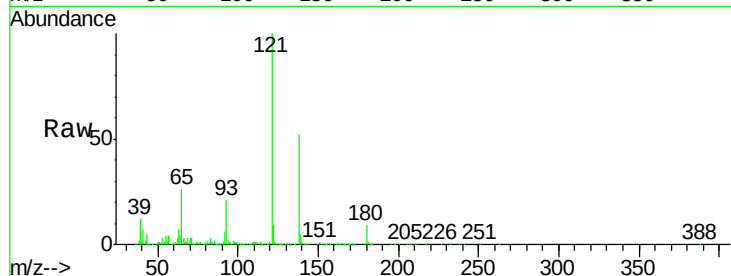




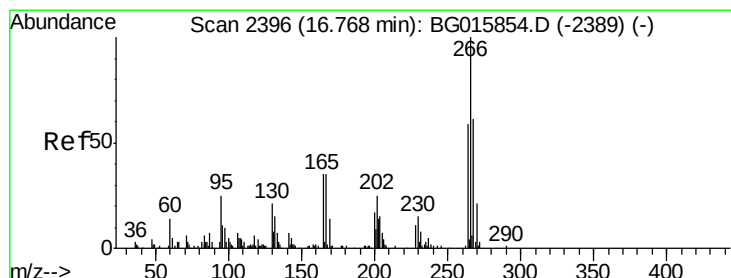
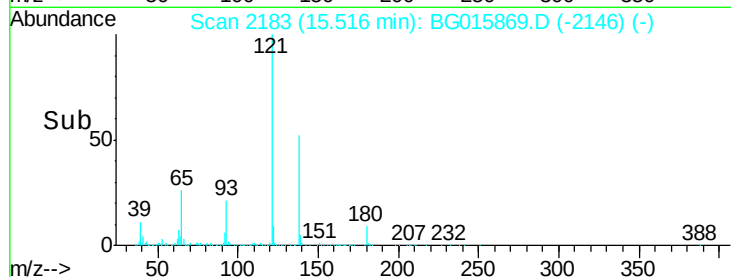
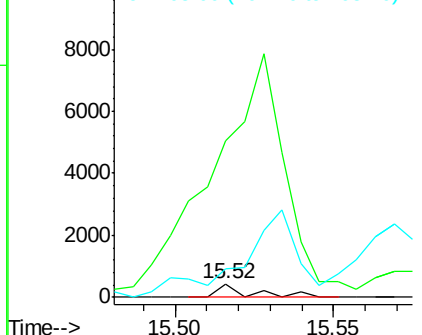
#64
4,6-Dinitro-2-methylphenol
Concen: 3.71 ng
RT: 15.52 min Scan# 2183
Delta R.T. 0.02 min
Lab File: BG015869.D
Acq: 9 Jan 2015 14:20

Instrument :
BNA_G
ClientSampleId :
EFFWWRERE

Tgt Ion:198 Resp: 287
Ion Ratio Lower Upper
198 100
51 1134.9 13.6 53.6#
105 203.4 17.9 57.9#

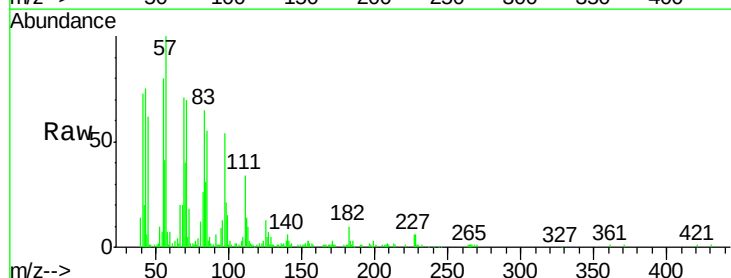


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGO
Ion 105.00 (104.70 to 105.70): E

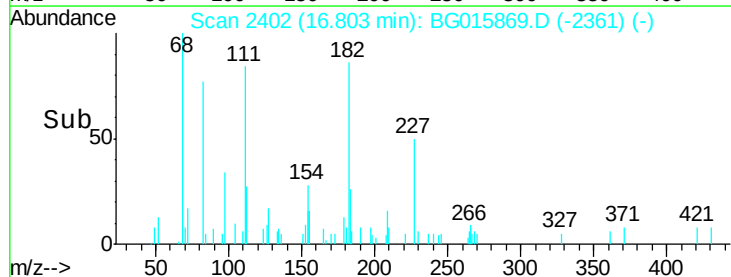
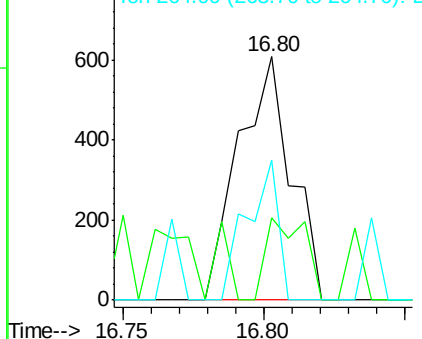


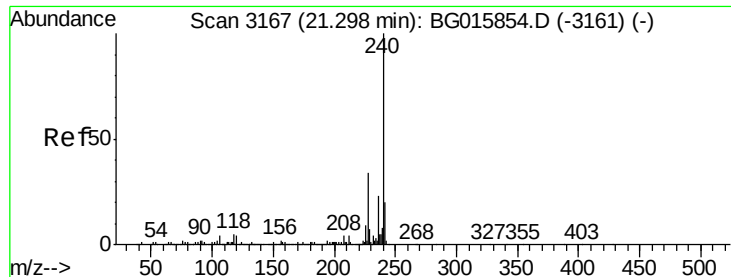
#69
Pentachlorophenol
Concen: 3.45 ng
RT: 16.80 min Scan# 2402
Delta R.T. 0.04 min
Lab File: BG015869.D
Acq: 9 Jan 2015 14:20

Tgt Ion:266 Resp: 786
Ion Ratio Lower Upper
266 100
268 34.0 50.2 75.2#
264 57.6 48.2 72.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.45 min Scan# 3193

Delta R.T. 0.15 min

Lab File: BG015869.D

Acq: 9 Jan 2015 14:20

Instrument :

BNA_G

ClientSampleId :

EFFWWRE

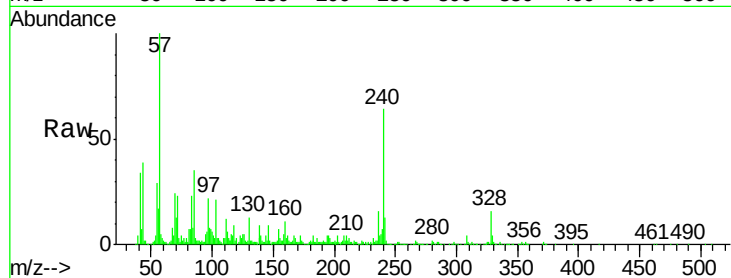
Tgt Ion:240 Resp: 159107

Ion Ratio Lower Upper

240 100

120 4.0 3.4 5.2

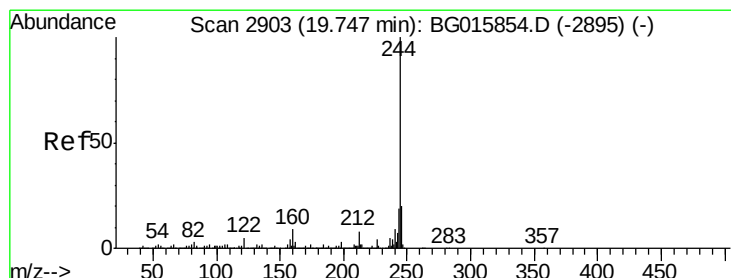
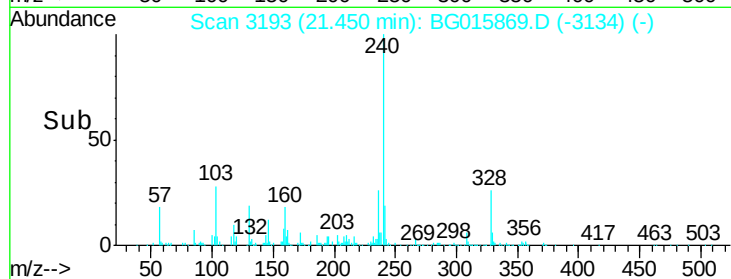
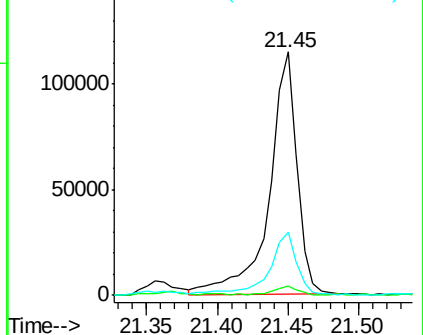
236 25.7 19.0 28.6



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: 21.61 ng

RT: 19.76 min Scan# 2905

Delta R.T. 0.01 min

Lab File: BG015869.D

Acq: 9 Jan 2015 14:20

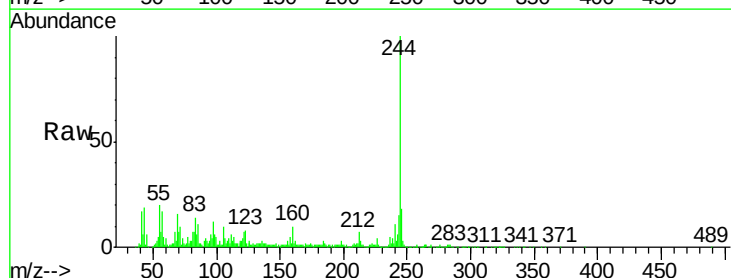
Tgt Ion:244 Resp: 307731

Ion Ratio Lower Upper

244 100

212 7.4 6.6 9.8

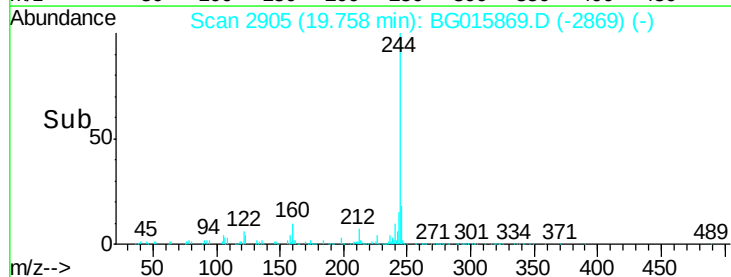
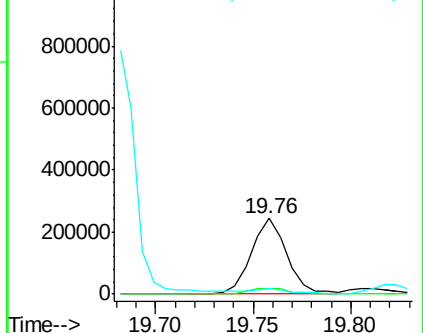
122 6.6 4.7 7.1

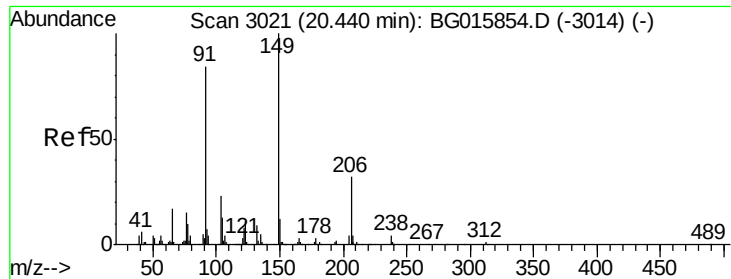


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

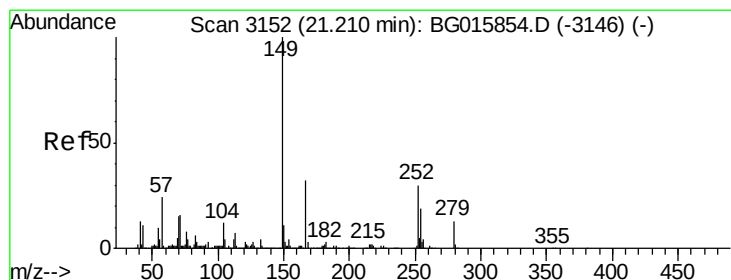
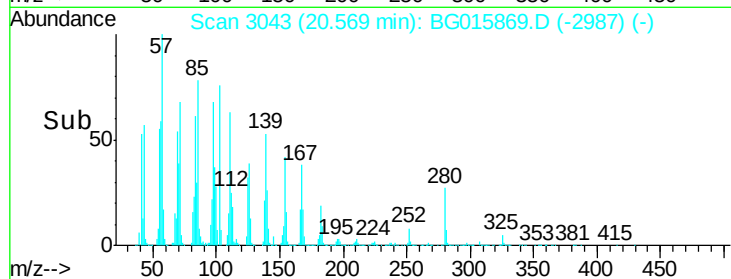
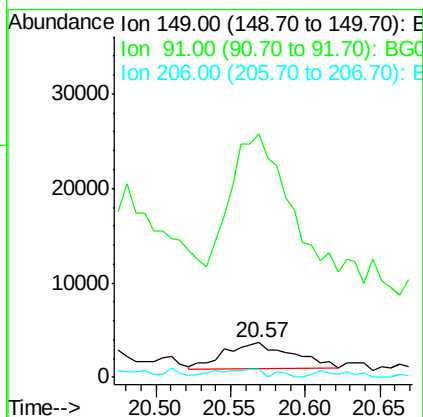
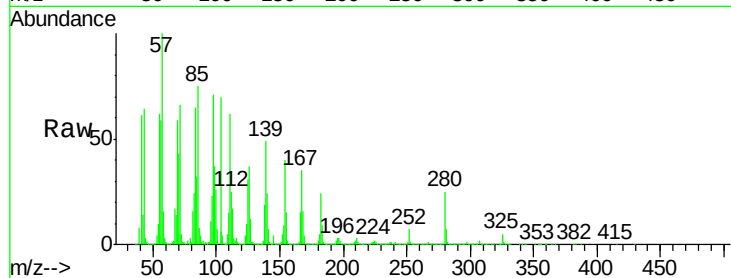




#79
 Butylbenzylphthalate
 Concen: 2.77 ng
 RT: 20.57 min Scan# 3043
 Delta R.T. 0.13 min
 Lab File: BG015869.D
 Acq: 9 Jan 2015 14:20

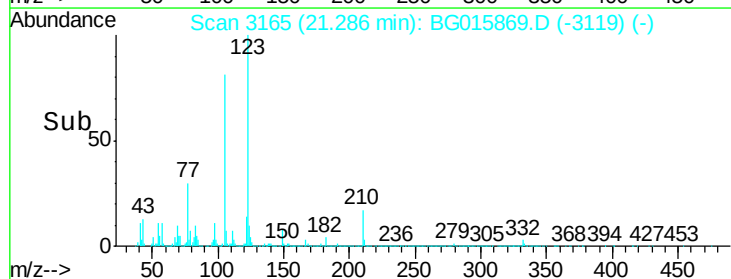
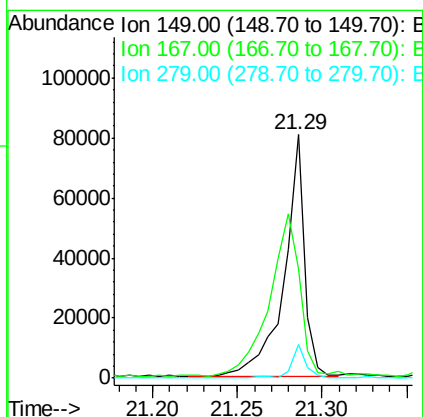
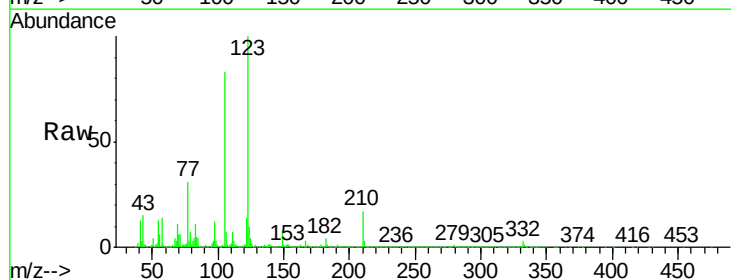
Instrument :
 BNA_G
 ClientSampleId :
 EFFWWRERE

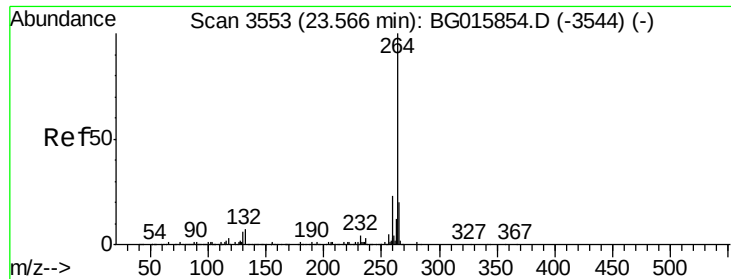
Tgt Ion:149 Resp: 8824
 Ion Ratio Lower Upper
 149 100
 91 699.3 68.4 102.6#
 206 22.4 24.9 37.3#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 14.81 ng
 RT: 21.29 min Scan# 3165
 Delta R.T. 0.07 min
 Lab File: BG015869.D
 Acq: 9 Jan 2015 14:20

Tgt Ion:149 Resp: 68651
 Ion Ratio Lower Upper
 149 100
 167 45.0 26.2 39.2#
 279 14.1 10.5 15.7

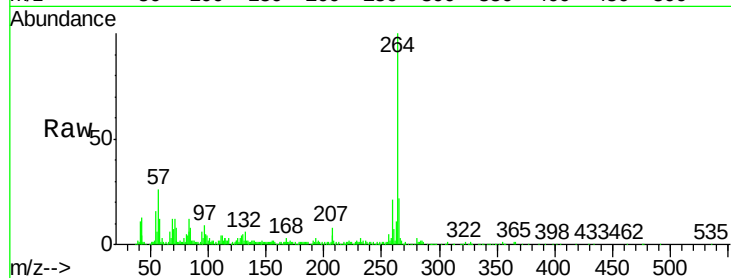




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.61 min Scan# 3560
Delta R.T. 0.04 min
Lab File: BG015869.D
Acq: 9 Jan 2015 14:20

Instrument :
BNA_G
ClientSampleId :
EFFWWRERE

Tgt Ion:	264	Resp:	192697
Ion	Ratio	Lower	Upper
264	100		
260	21.3	17.0	25.4
265	22.3	17.4	26.0



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

