

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015970.D
 Acq On : 28 Jan 2015 6:03
 Operator : TP/IZ
 Sample : G1138-07
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 275B1B

Quant Time: Jan 28 07:03:45 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 28 01:36:36 2015
 Response via : Initial Calibration

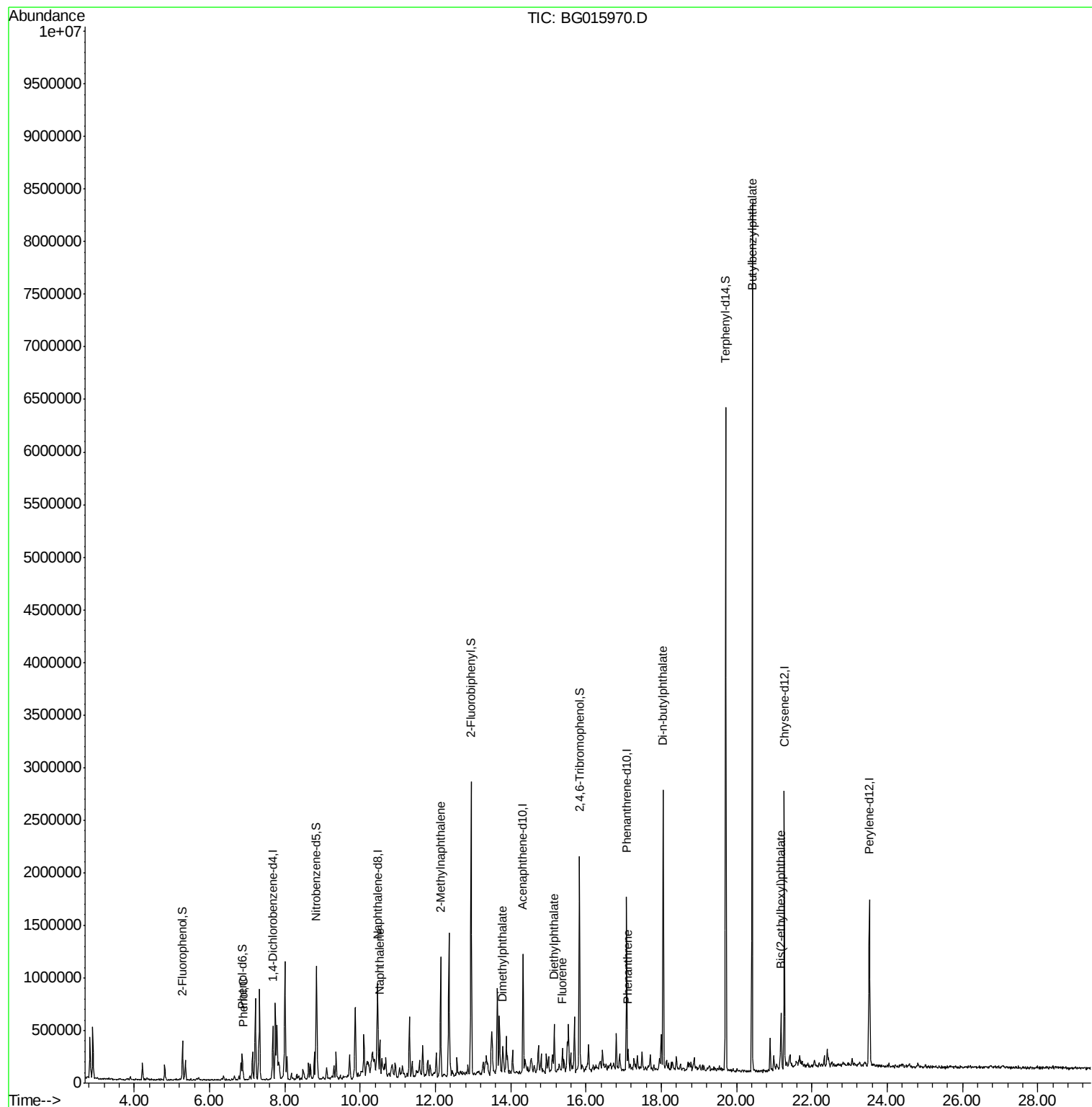
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	98265	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	408395	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	326458	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	889537	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1292570	20.00	ng	0.00
86) Perylene-d12	23.53	264	1225147	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	127014	19.25	ng	0.00
7) Phenol-d6	6.87	99	118400	11.13	ng	0.00
23) Nitrobenzene-d5	8.84	82	636272	44.91	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	304082	50.88	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1231991	59.21	ng	0.00
78) Terphenyl-d14	19.72	244	2619419	49.86	ng	0.00
Target Compounds						
10) Phenol	6.90	94	27391	2.26	ng	Qvalue 83
31) Naphthalene	10.52	128	144017	6.89	ng	# 92
37) 2-Methylnaphthalene	12.14	142	405876	24.45	ng	90
49) Dimethylphthalate	13.79	163	134332	5.72	ng	# 95
57) Fluorene	15.38	166	64875	2.63	ng	98
59) Diethylphthalate	15.16	149	163775	6.83	ng	94
70) Phenanthrene	17.12	178	102398	2.29	ng	# 91
73) Di-n-butylphthalate	18.05	149	1624634	36.56	ng	99
79) Butylbenzylphthalate	20.41	149	1788726	79.43	ng	87
83) Bis(2-ethylhexyl)phthalate	21.18	149	245199	8.10	ng	95

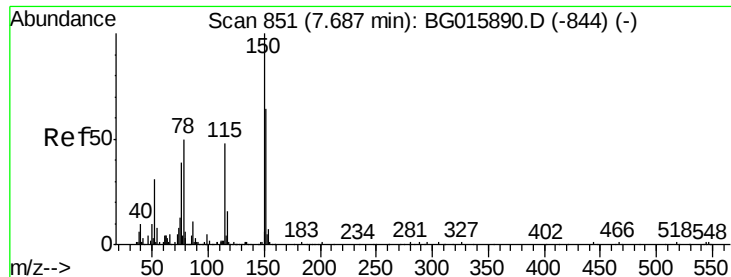
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 850

Delta R.T. -0.00 min

Lab File: BG015970.D

Acq: 28 Jan 2015 6:03

Instrument :

BNA_G

ClientSampleId :

275B1B

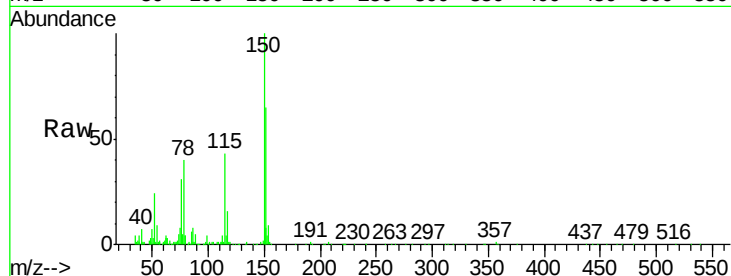
Tgt Ion:152 Resp: 98265

Ion Ratio Lower Upper

152 100

150 153.9 124.5 186.7

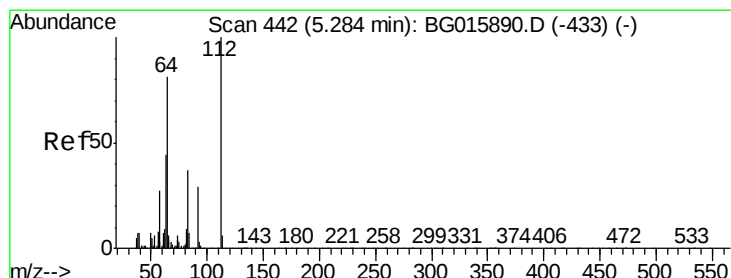
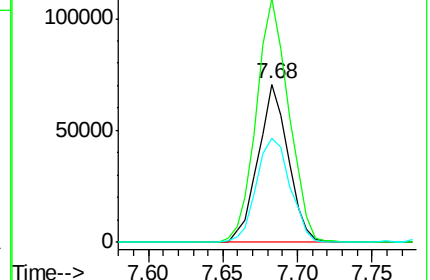
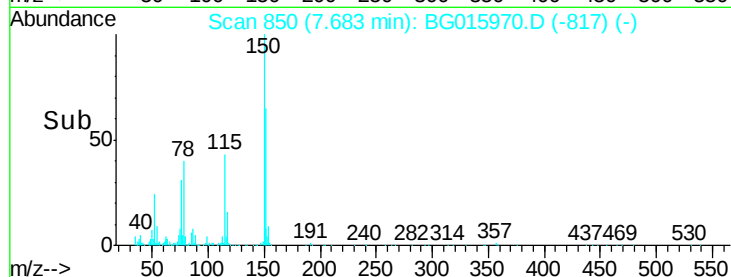
115 66.1 60.4 90.6



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: 19.25 ng

RT: 5.28 min Scan# 441

Delta R.T. 0.00 min

Lab File: BG015970.D

Acq: 28 Jan 2015 6:03

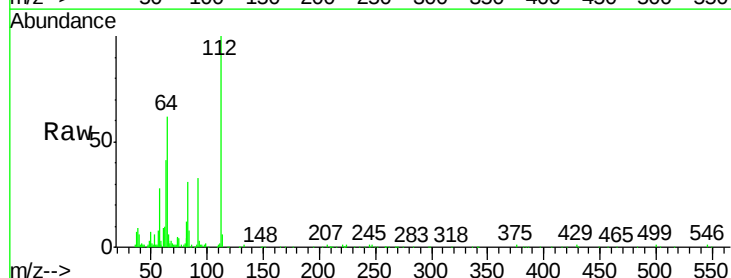
Tgt Ion:112 Resp: 127014

Ion Ratio Lower Upper

112 100

64 62.1 64.4 96.6#

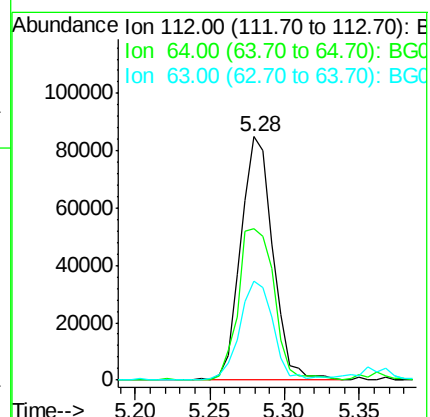
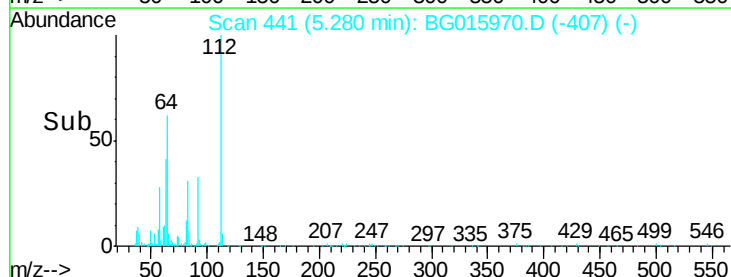
63 40.6 35.1 52.7

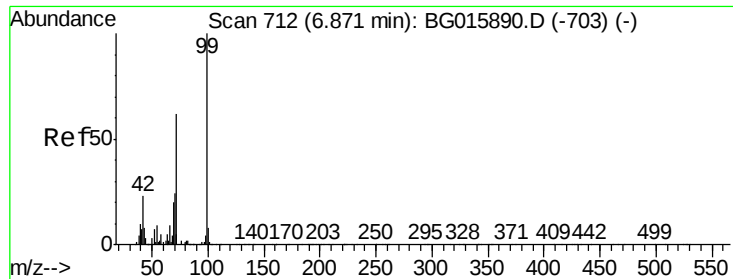


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 11.13 ng

RT: 6.87 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG015970.D

Acq: 28 Jan 2015 6:03

Instrument :

BNA_G

ClientSampleId :

275B1B

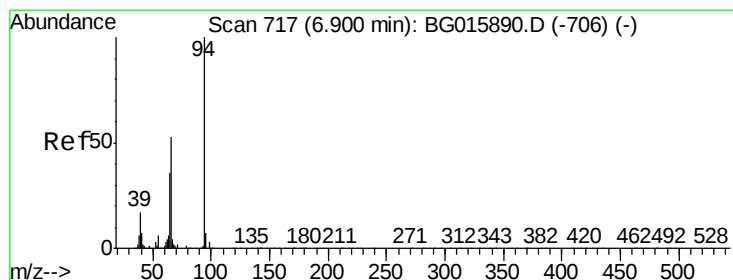
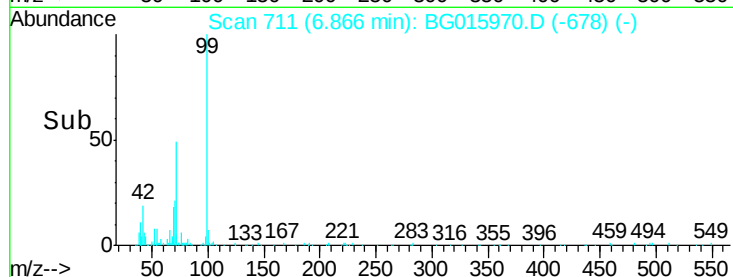
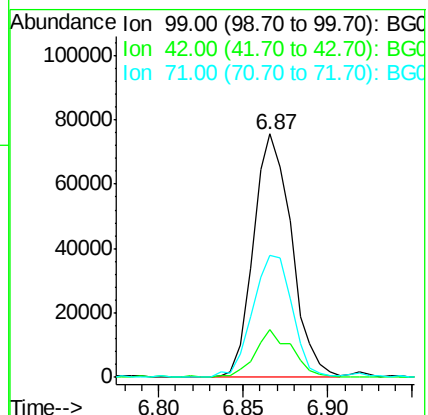
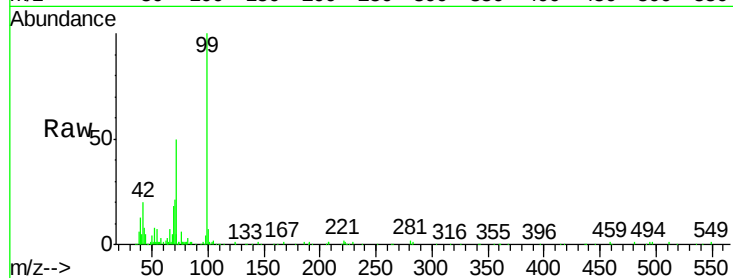
Tgt Ion: 99 Resp: 118400

Ion Ratio Lower Upper

99 100

42 19.6 18.1 27.1

71 50.2 49.8 74.8



#10

Phenol

Concen: 2.26 ng

RT: 6.90 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG015970.D

Acq: 28 Jan 2015 6:03

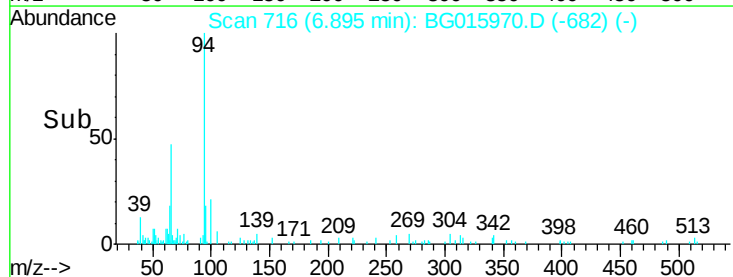
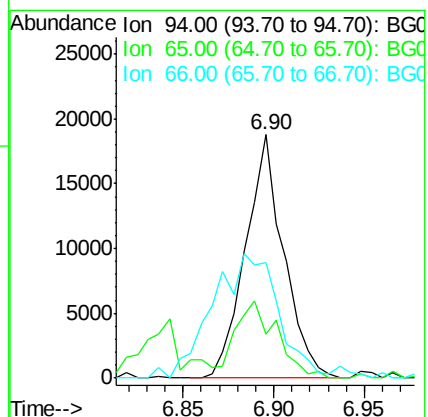
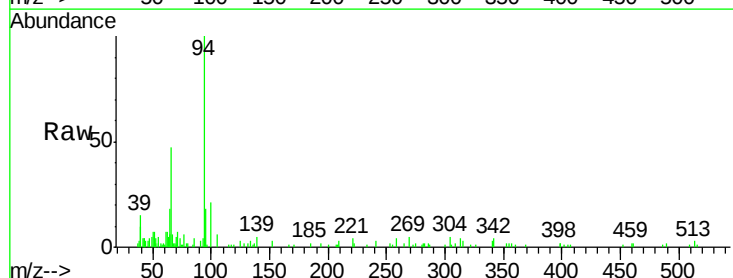
Tgt Ion: 94 Resp: 27391

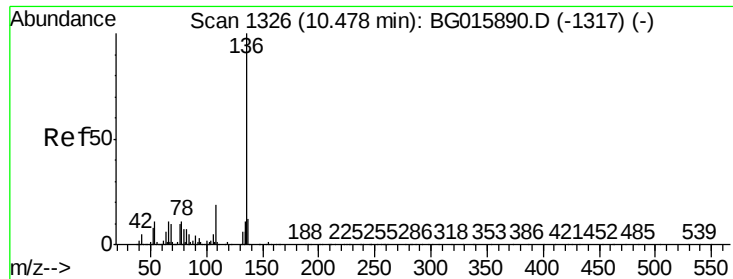
Ion Ratio Lower Upper

94 100

65 18.3 16.5 56.5

66 47.5 33.3 73.3

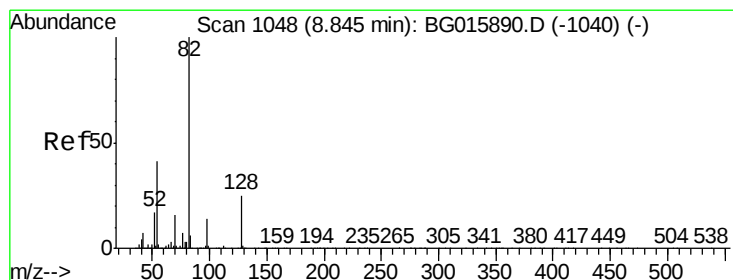
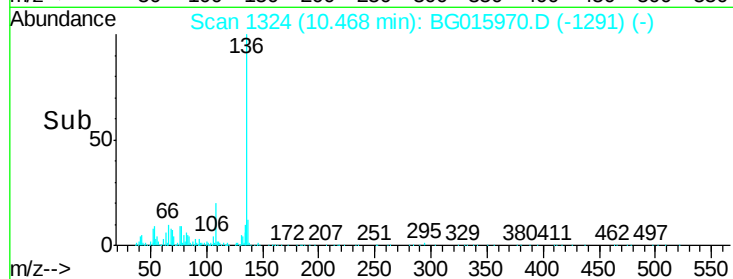
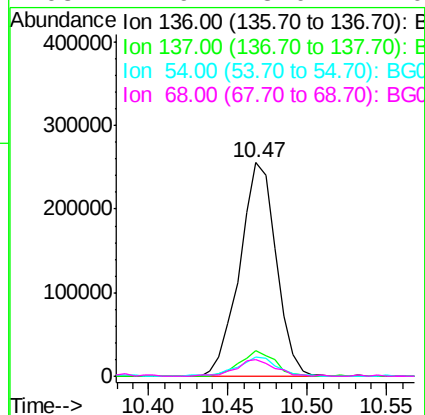
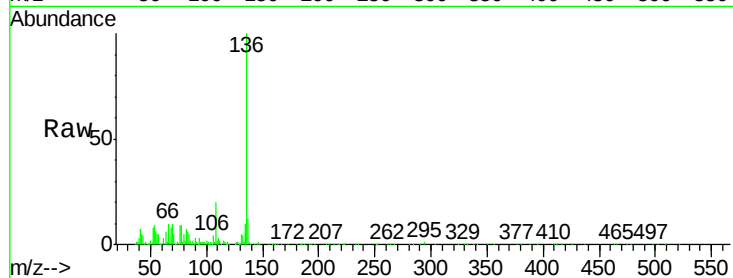




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG015970.D
Acq: 28 Jan 2015 6:03

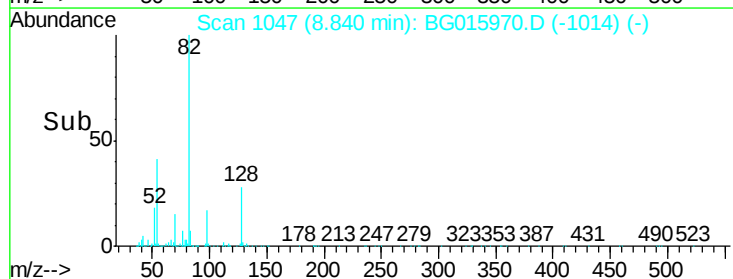
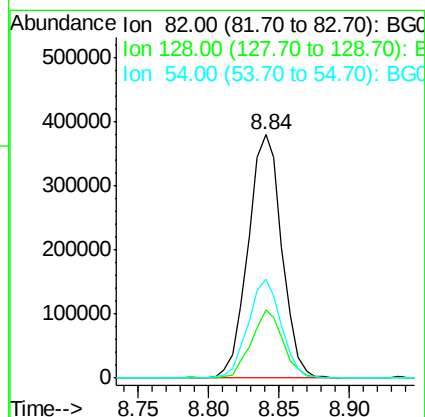
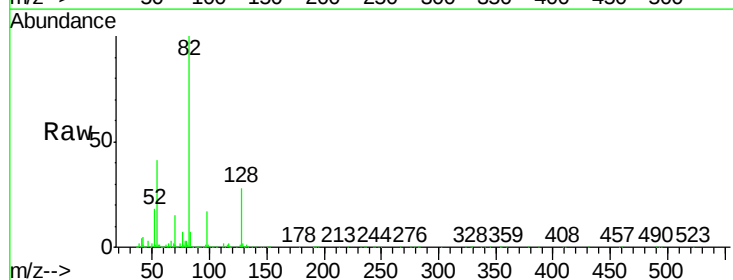
Instrument :
BNA_G
ClientSampleId :
275B1B

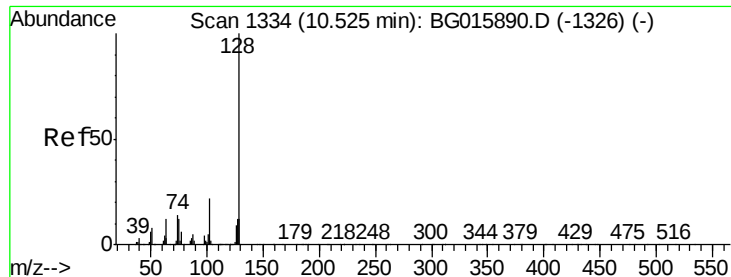
Tgt Ion:	136	Resp:	408395
Ion Ratio		Lower	Upper
136	100		
137	11.9	9.7	14.5
54	9.3	8.5	12.7
68	7.9	8.0	12.0#



#23
Nitrobenzene-d5
Concen: 44.91 ng
RT: 8.84 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG015970.D
Acq: 28 Jan 2015 6:03

Tgt Ion:	82	Resp:	636272
Ion Ratio		Lower	Upper
82	100		
128	28.2	19.8	29.8
54	40.6	33.0	49.4

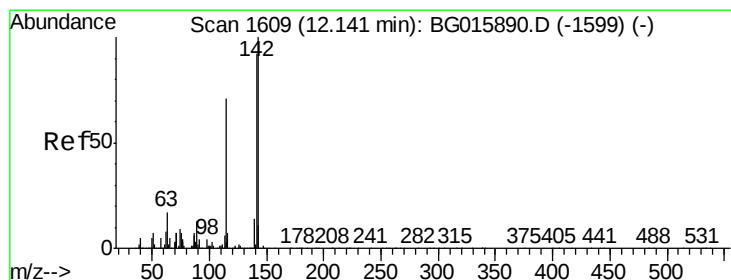
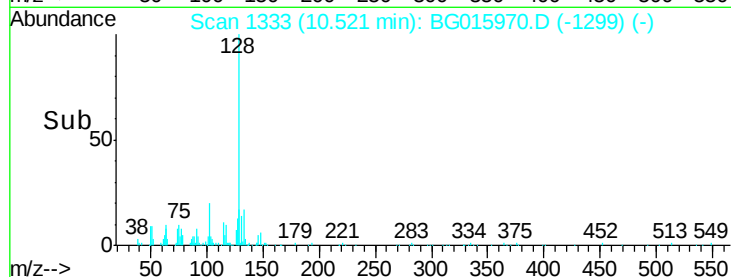
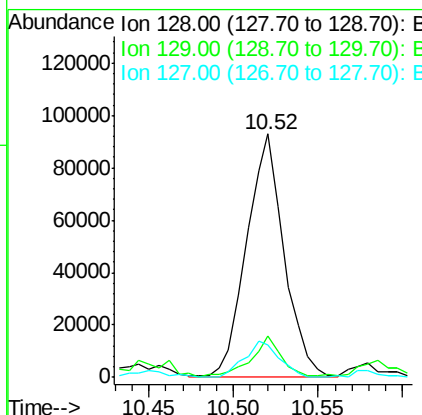
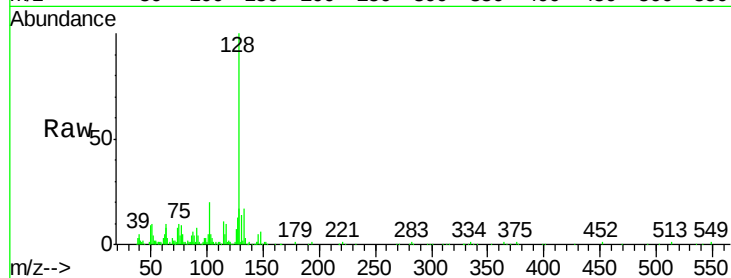




#31
Naphthalene
Concen: 6.89 ng
RT: 10.52 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG015970.D
Acq: 28 Jan 2015 6:03

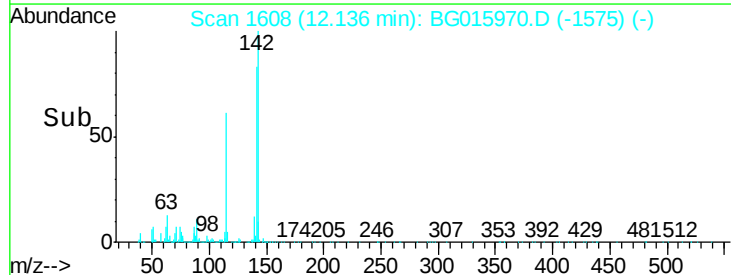
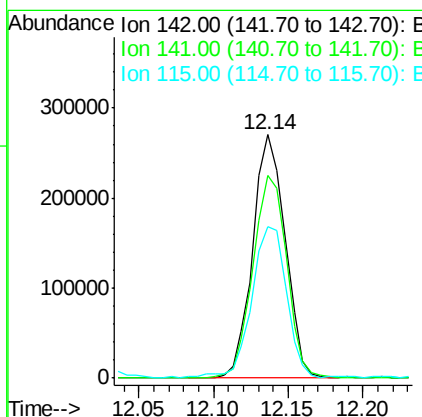
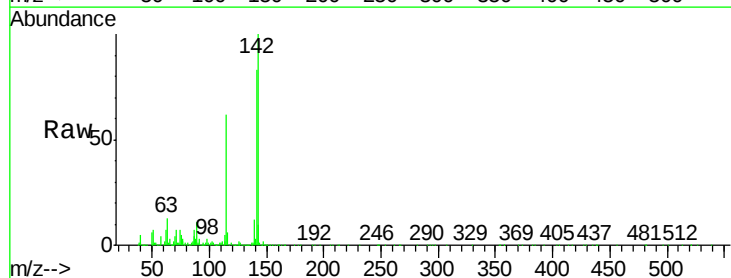
Instrument :
BNA_G
ClientSampleId :
275B1B

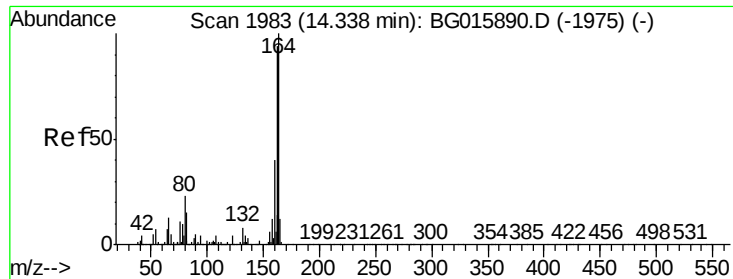
Tgt Ion	Ratio	Lower	Upper
128	100		
129	17.2	9.7	14.5#
127	13.3	9.8	14.6



#37
2-Methylnaphthalene
Concen: 24.45 ng
RT: 12.14 min Scan# 1608
Delta R.T. -0.00 min
Lab File: BG015970.D
Acq: 28 Jan 2015 6:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.3	73.8	110.8
115	62.0	56.6	84.8

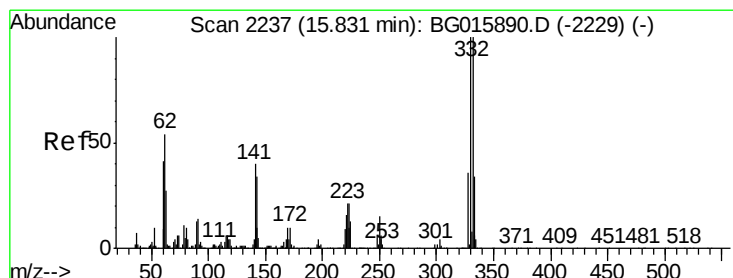
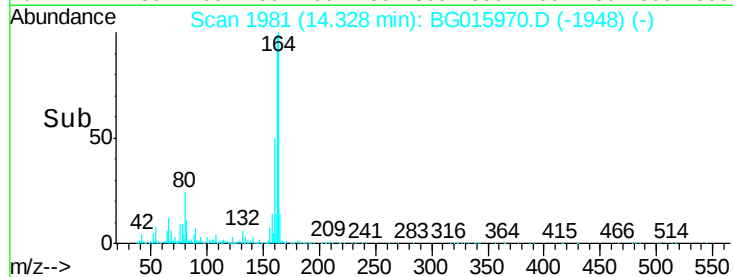
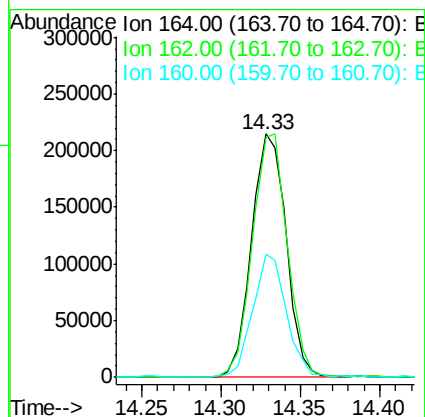
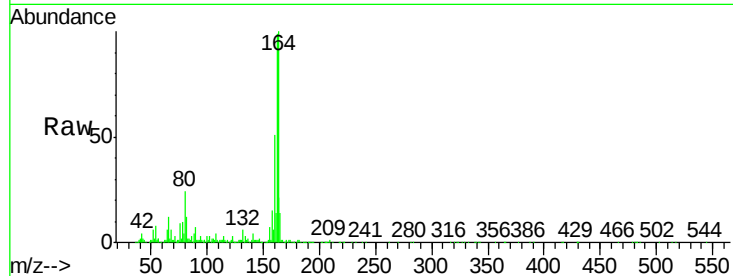




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG015970.D
Acq: 28 Jan 2015 6:03

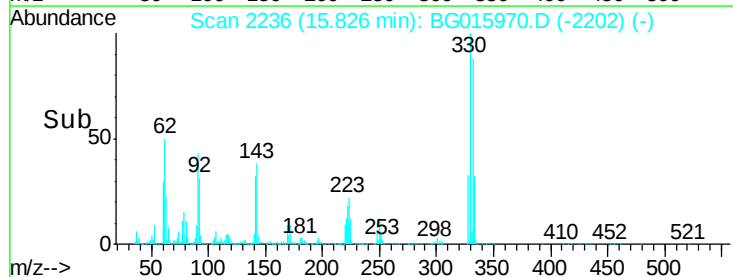
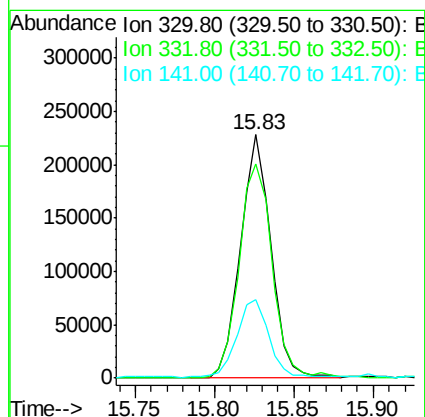
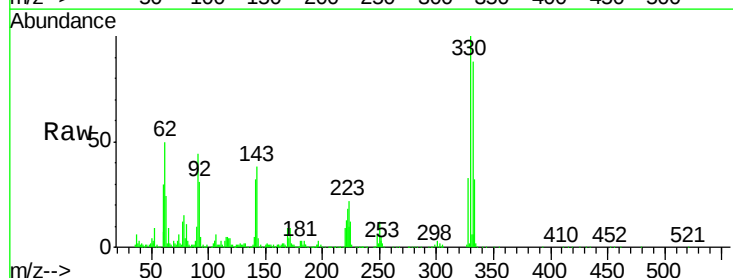
Instrument :
BNA_G
ClientSampleId :
275B1B

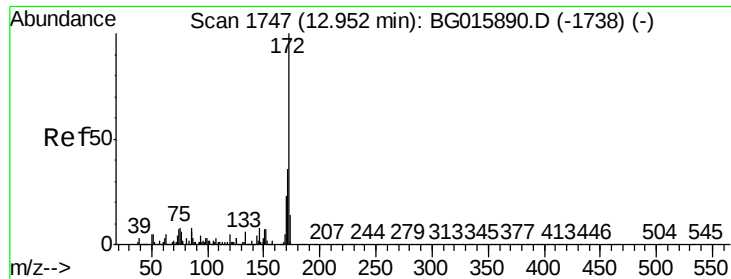
Tgt Ion:164 Resp: 326458
Ion Ratio Lower Upper
164 100
162 98.6 75.1 112.7
160 50.6 32.3 48.5#



#41
2,4,6-Tribromophenol
Concen: 50.88 ng
RT: 15.83 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BG015970.D
Acq: 28 Jan 2015 6:03

Tgt Ion:330 Resp: 304082
Ion Ratio Lower Upper
330 100
332 96.7 75.4 113.0
141 34.2 33.0 49.6

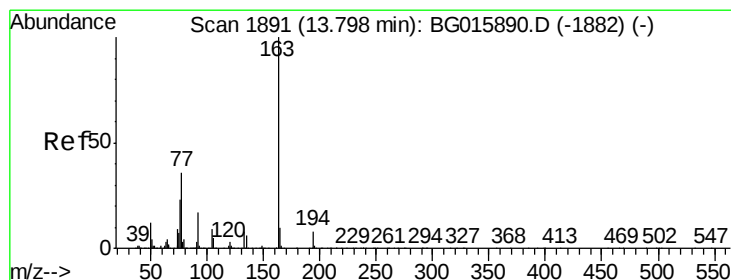
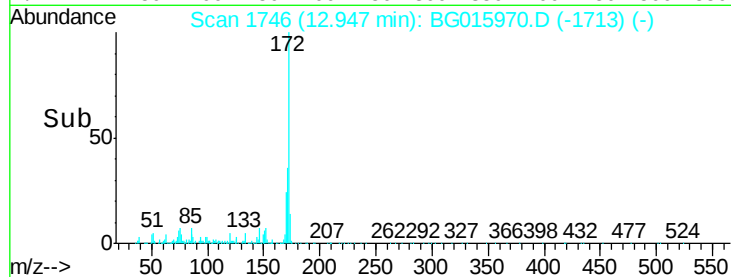
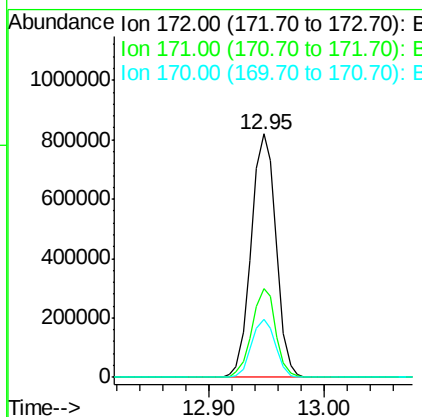
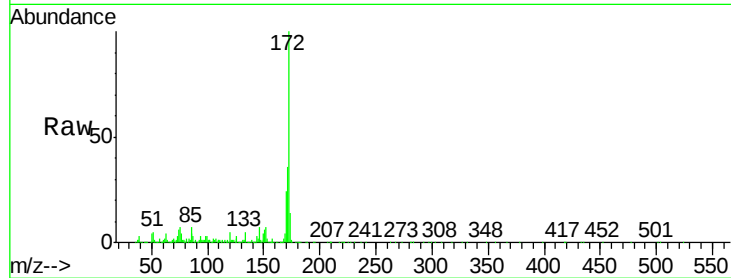




#44
2-Fluorobiphenyl
Concen: 59.21 ng
RT: 12.95 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BG015970.D
Acq: 28 Jan 2015 6:03

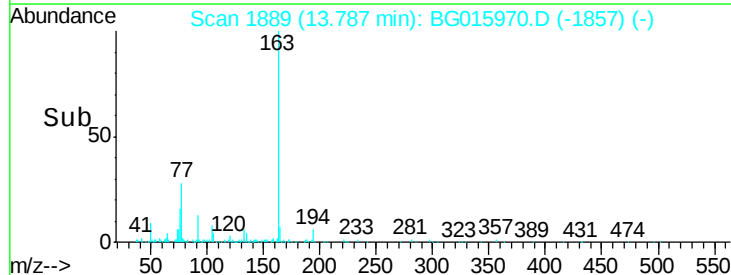
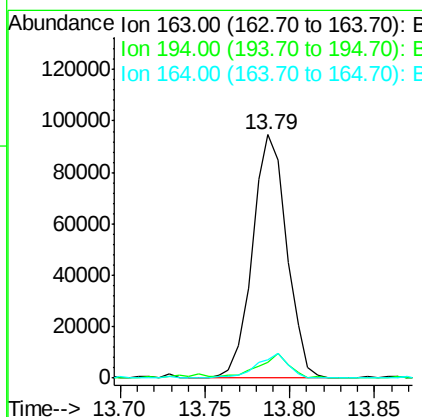
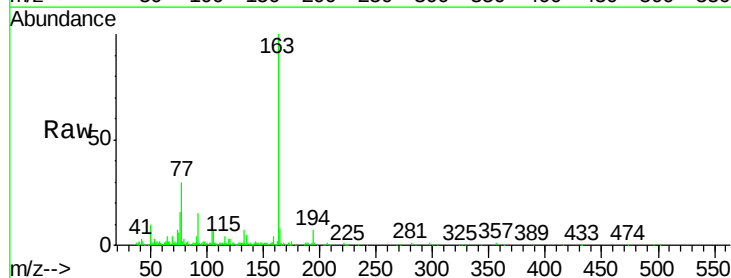
Instrument :
BNA_G
ClientSampleId :
275B1B

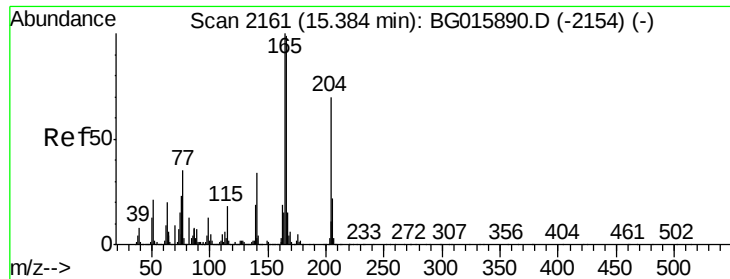
Tgt Ion:172 Resp: 1231991
Ion Ratio Lower Upper
172 100
171 36.3 29.2 43.8
170 23.7 18.6 27.8



#49
Dimethylphthalate
Concen: 5.72 ng
RT: 13.79 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG015970.D
Acq: 28 Jan 2015 6:03

Tgt Ion:163 Resp: 134332
Ion Ratio Lower Upper
163 100
194 6.6 6.2 9.4
164 7.5 8.0 12.0#





#57

Fluorene

Concen: 2.63 ng

RT: 15.38 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG015970.D

Acq: 28 Jan 2015 6:03

Instrument :

BNA_G

ClientSampleId :

275B1B

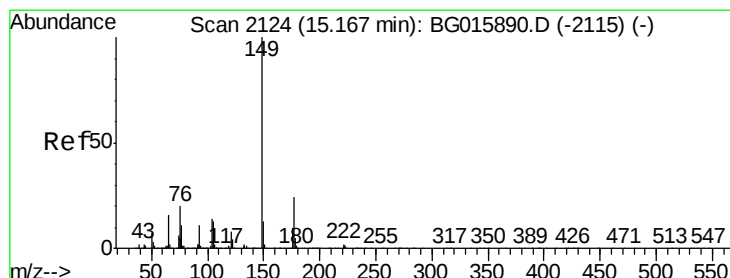
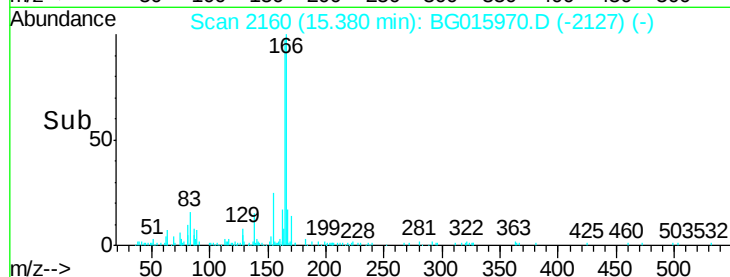
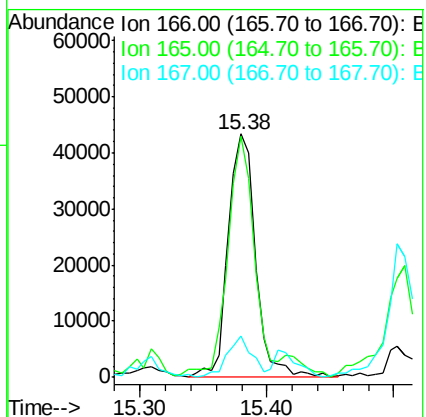
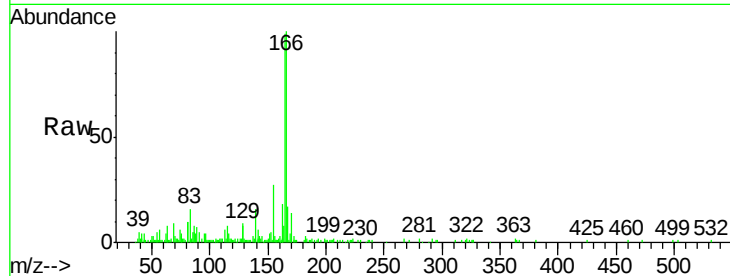
Tgt Ion:166 Resp: 64875

Ion Ratio Lower Upper

166 100

165 98.8 80.6 120.8

167 17.2 12.5 18.7



#59

Diethylphthalate

Concen: 6.83 ng

RT: 15.16 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BG015970.D

Acq: 28 Jan 2015 6:03

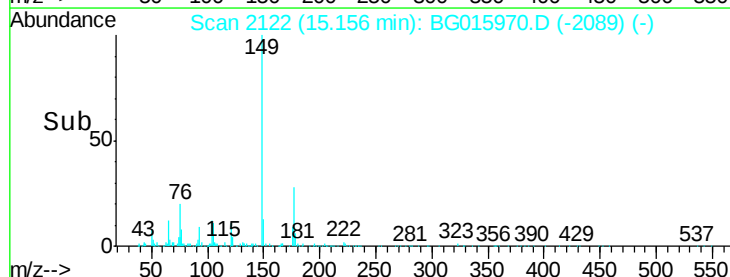
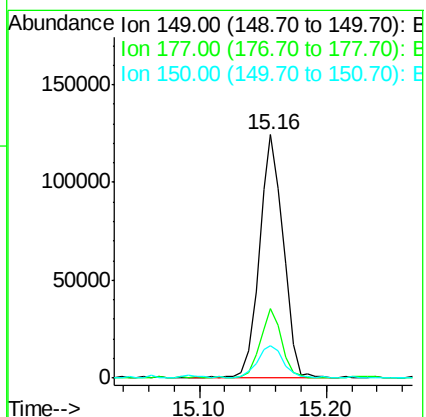
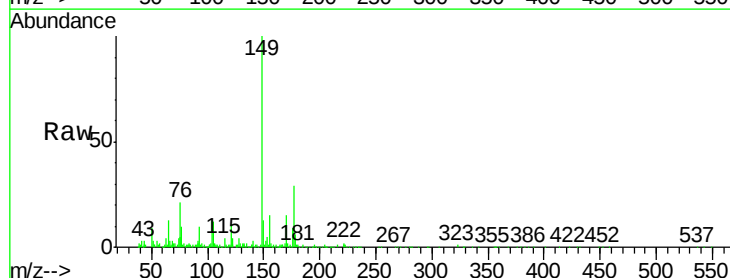
Tgt Ion:149 Resp: 163775

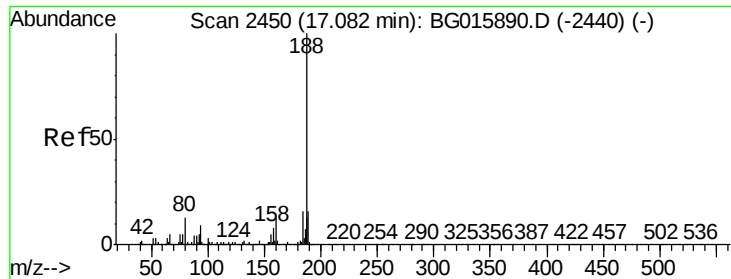
Ion Ratio Lower Upper

149 100

177 28.5 19.4 29.0

150 13.1 10.2 15.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2449

Delta R.T. 0.00 min

Lab File: BG015970.D

Acq: 28 Jan 2015 6:03

Instrument :

BNA_G

ClientSampleId :

275B1B

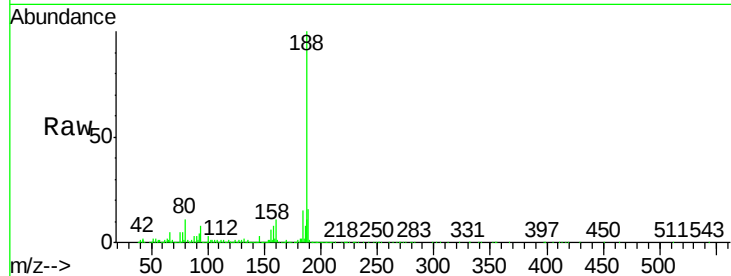
Tgt Ion:188 Resp: 889537

Ion Ratio Lower Upper

188 100

94 7.6 7.8 11.8#

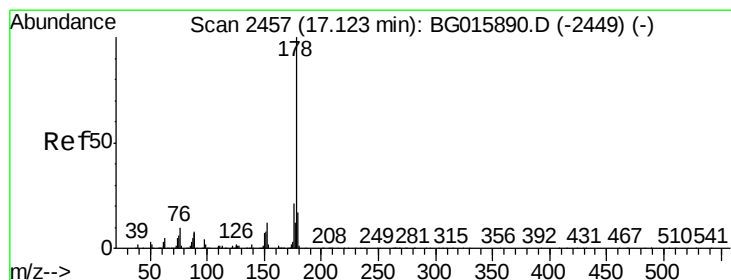
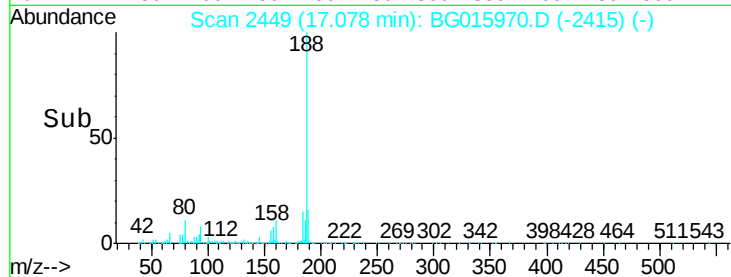
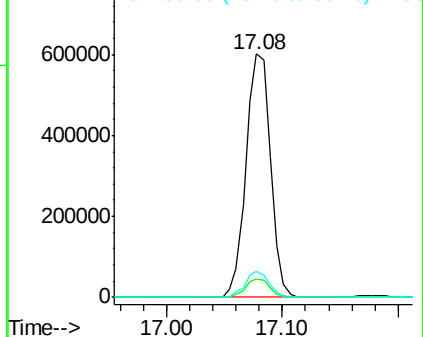
80 10.7 10.6 16.0



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



#70

Phenanthrene

Concen: 2.29 ng

RT: 17.12 min Scan# 2456

Delta R.T. -0.00 min

Lab File: BG015970.D

Acq: 28 Jan 2015 6:03

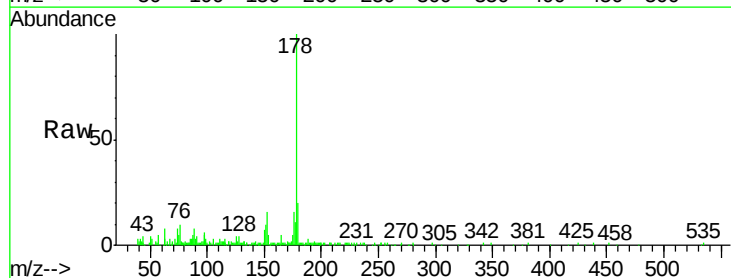
Tgt Ion:178 Resp: 102398

Ion Ratio Lower Upper

178 100

176 16.0 16.9 25.3#

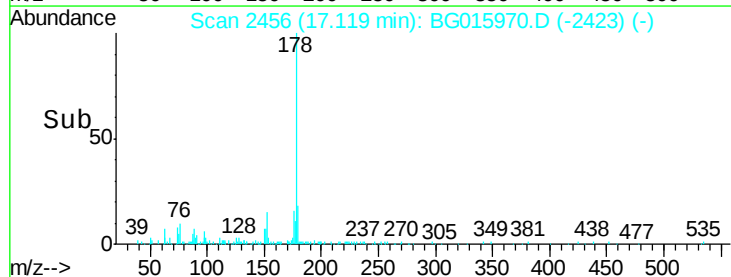
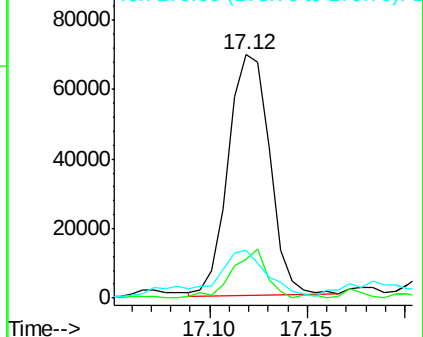
179 19.6 13.3 19.9

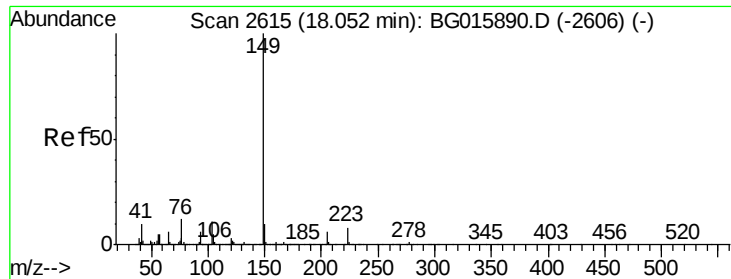


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 36.56 ng

RT: 18.05 min Scan# 2614

Delta R.T. -0.00 min

Lab File: BG015970.D

Acq: 28 Jan 2015 6:03

Instrument :

BNA_G

ClientSampleId :

275B1B

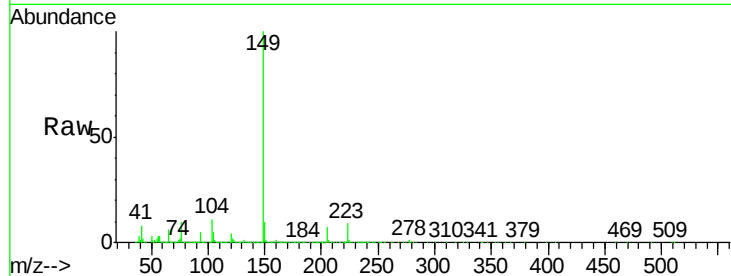
Tgt Ion:149 Resp: 1624634

Ion Ratio Lower Upper

149 100

150 10.3 8.2 12.4

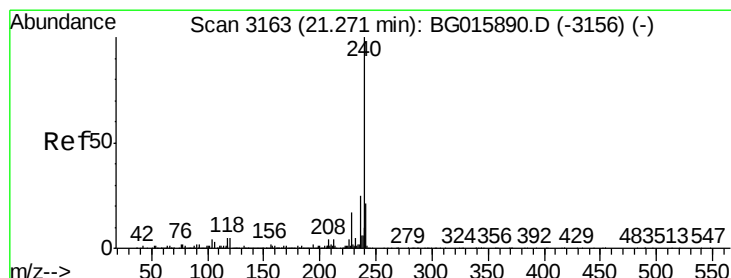
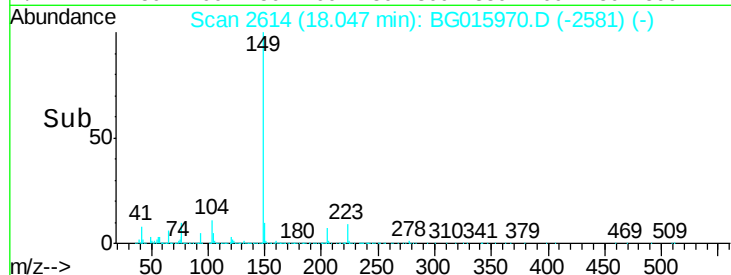
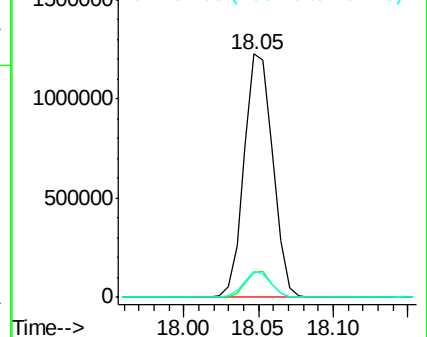
104 10.7 8.9 13.3



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: 20.00 ng

RT: 21.27 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG015970.D

Acq: 28 Jan 2015 6:03

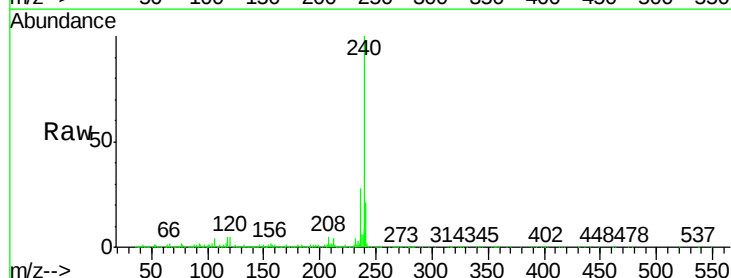
Tgt Ion:240 Resp: 1292570

Ion Ratio Lower Upper

240 100

120 4.9 3.9 5.9

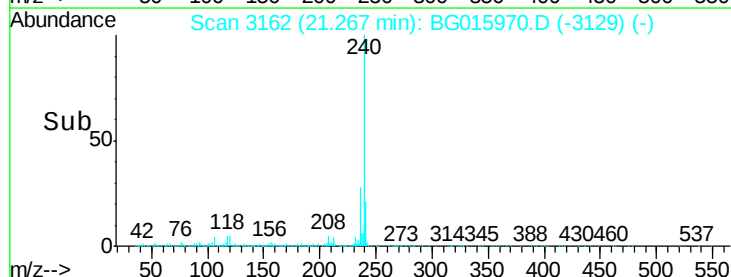
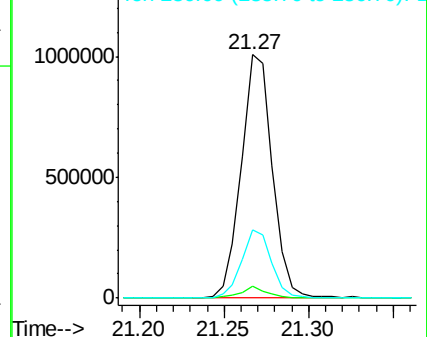
236 27.8 20.0 30.0

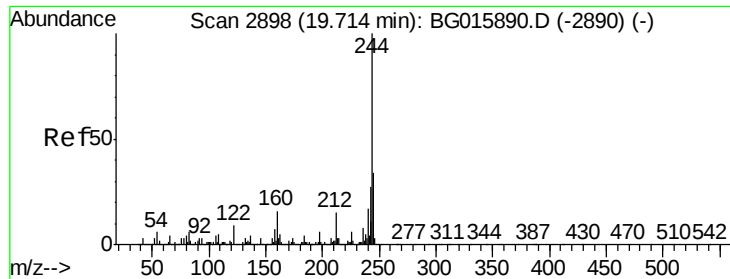


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 49.86 ng

RT: 19.72 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG015970.D

Acq: 28 Jan 2015 6:03

Instrument :

BNA_G

ClientSampleId :

275B1B

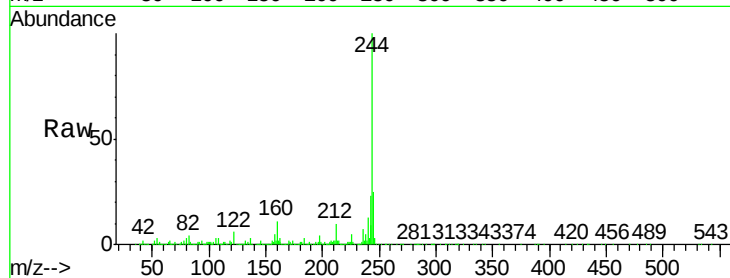
Tgt Ion:244 Resp: 2619419

Ion Ratio Lower Upper

244 100

212 9.8 11.6 17.4#

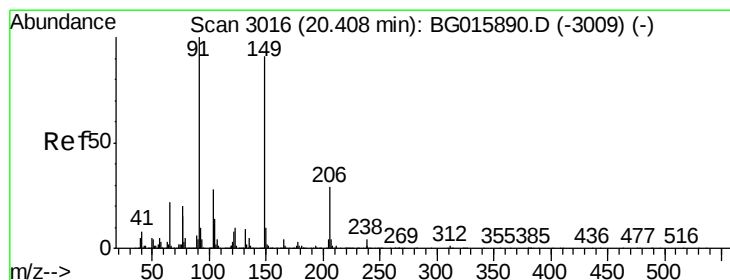
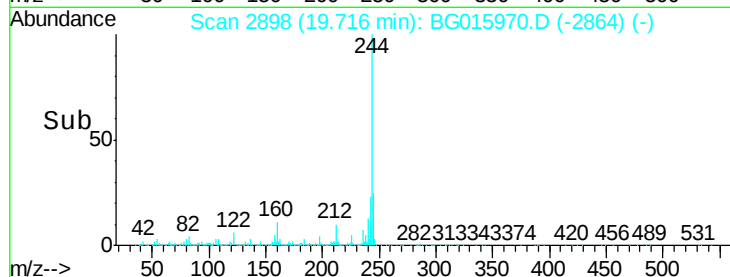
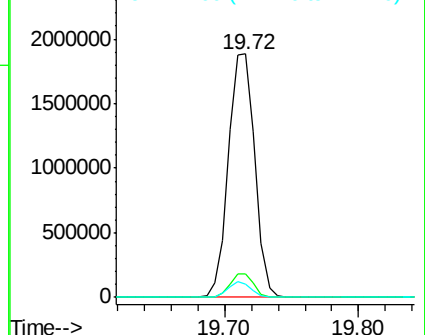
122 5.7 7.0 10.4#



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: 79.43 ng

RT: 20.41 min Scan# 3017

Delta R.T. 0.01 min

Lab File: BG015970.D

Acq: 28 Jan 2015 6:03

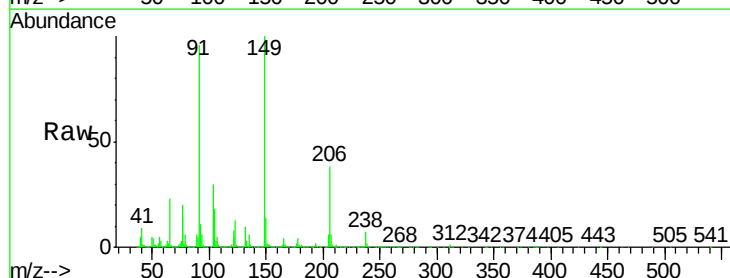
Tgt Ion:149 Resp: 1788726

Ion Ratio Lower Upper

149 100

91 96.4 88.4 132.6

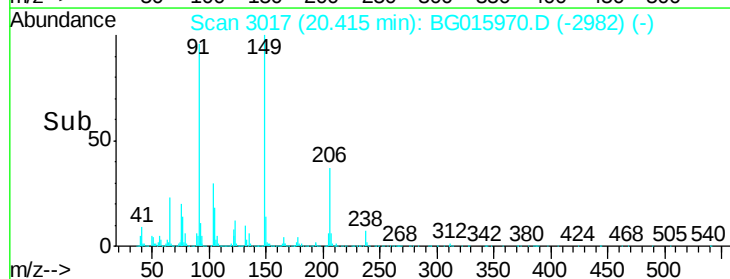
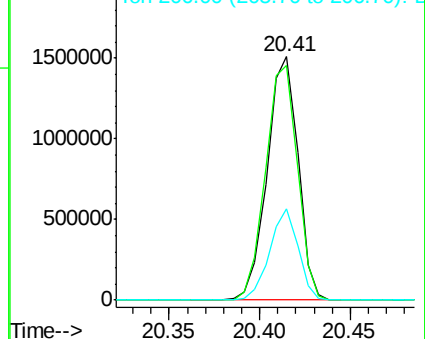
206 37.5 25.3 37.9

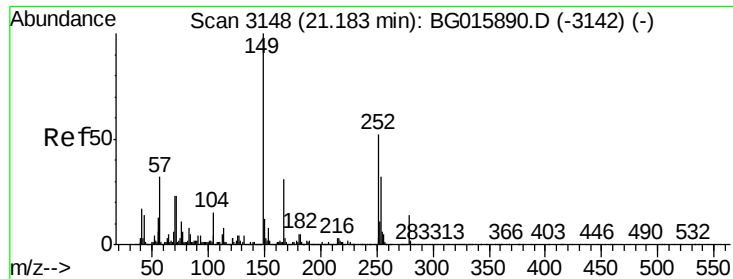


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

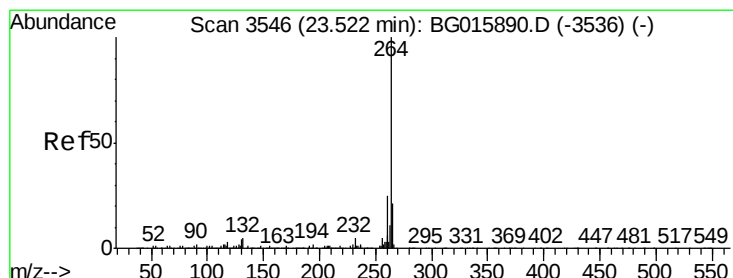
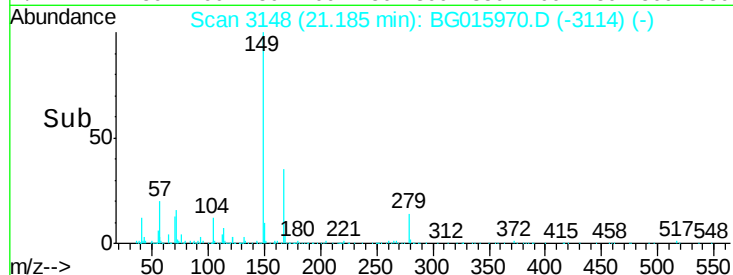
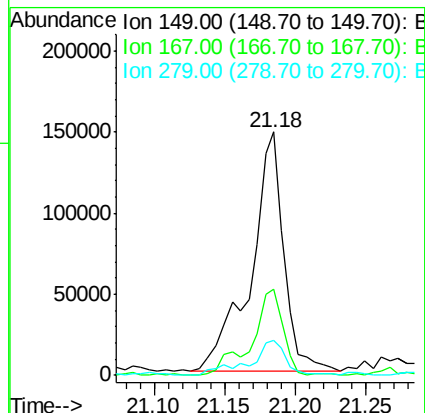
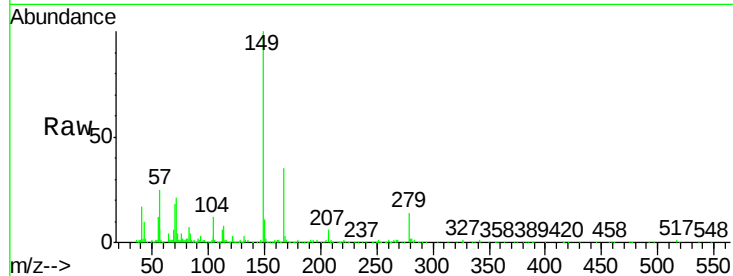




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 8.10 ng
 RT: 21.18 min Scan# 3148
 Delta R.T. 0.00 min
 Lab File: BG015970.D
 Acq: 28 Jan 2015 6:03

Instrument :
 BNA_G
 ClientSampleId :
 275B1B

Tgt Ion:149 Resp: 245199
 Ion Ratio Lower Upper
 149 100
 167 35.2 25.1 37.7
 279 14.4 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.53 min Scan# 3547
 Delta R.T. 0.01 min
 Lab File: BG015970.D
 Acq: 28 Jan 2015 6:03

Tgt Ion:264 Resp: 1225147
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.7 29.5
 265 22.8 17.3 25.9

