

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015961.D
 Acq On : 28 Jan 2015 00:52
 Operator : TP/IZ
 Sample : G1138-01
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 275B1A

Quant Time: Jan 28 04:46:44 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

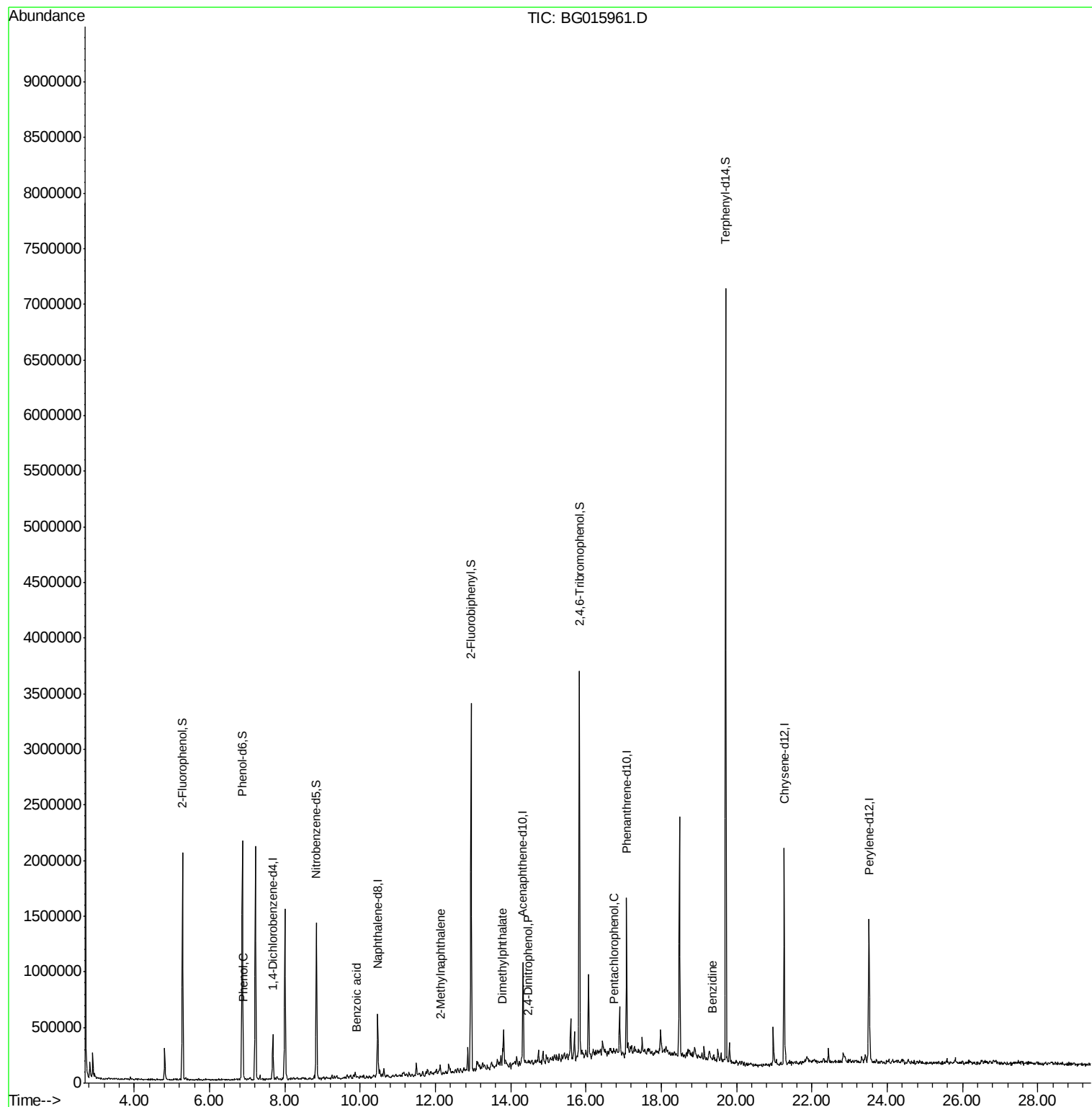
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	85948	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	336172	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	271740	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	698940	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1000913	20.00	ng	0.00
86) Perylene-d12	23.52	264	993804	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	668898	115.90	ng	0.00
7) Phenol-d6	6.87	99	1045915	112.45	ng	0.00
23) Nitrobenzene-d5	8.84	82	807616	69.25	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	608585	122.34	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1420341	82.01	ng	0.00
78) Terphenyl-d14	19.71	244	2863410	79.56	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.90	94	31320	2.95	ng	82
32) Benzoic acid	9.92	122	155	10.35	ng	94
37) 2-Methylnaphthalene	12.14	142	28792	2.11	ng	85
49) Dimethylphthalate	13.79	163	63672	3.26	ng	96
53) 2,4-Dinitrophenol	14.46	184	57	4.52	ng	# 1
69) Pentachlorophenol	16.73	266	1619	5.57	ng	# 17
76) Benzidine	19.35	184	381	2.00	ng	# 1

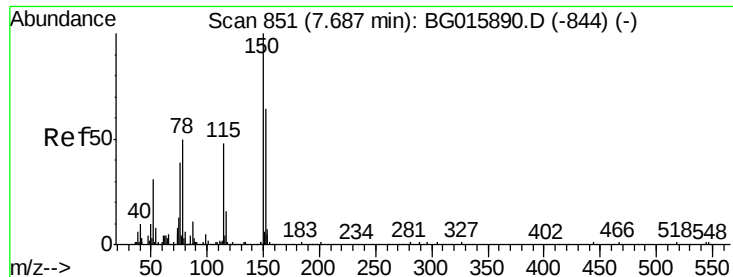
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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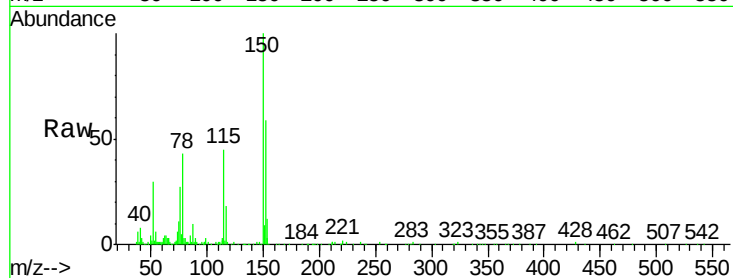


#1

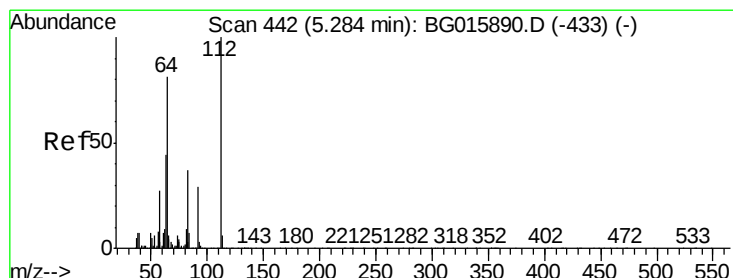
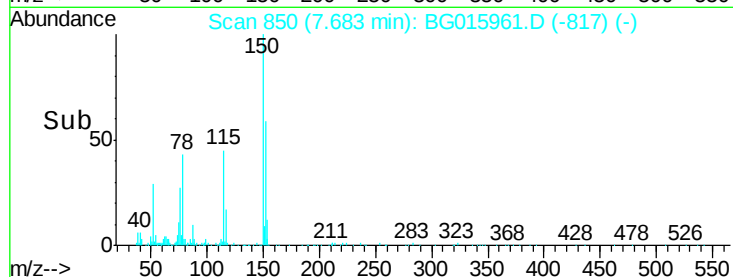
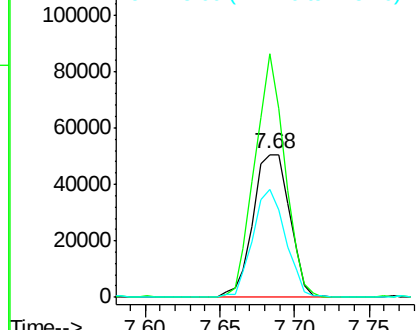
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 850
Delta R.T. -0.00 min
Lab File: BG015961.D
Acq: 28 Jan 2015 00:52

Instrument :
BNA_G
ClientSampleId :
275B1A

Tgt Ion:152 Resp: 85948
Ion Ratio Lower Upper
152 100
150 170.2 124.5 186.7
115 75.7 60.4 90.6



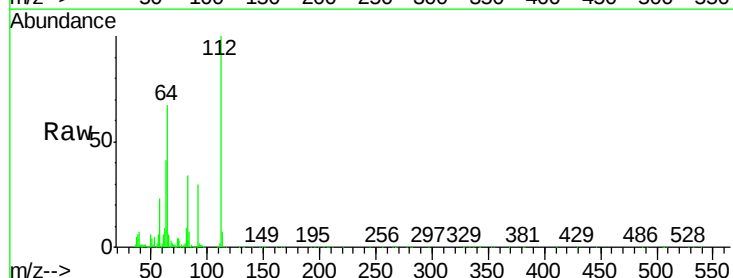
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



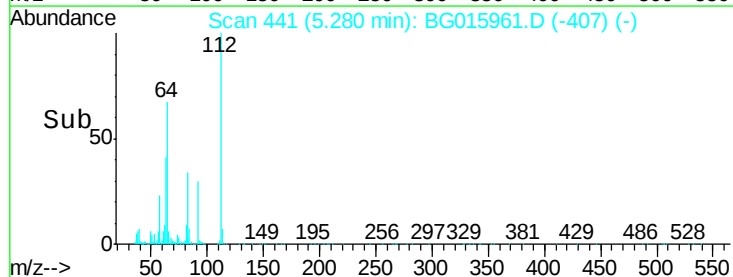
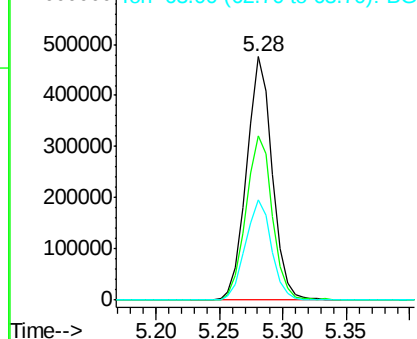
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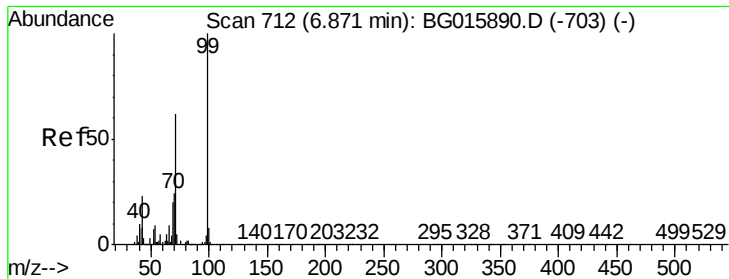
2-Fluorophenol
Concen: 115.90 ng
RT: 5.28 min Scan# 441
Delta R.T. 0.00 min
Lab File: BG015961.D
Acq: 28 Jan 2015 00:52

Tgt Ion:112 Resp: 668898
Ion Ratio Lower Upper
112 100
64 67.3 64.4 96.6
63 41.0 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: 112.45 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG015961.D

Acq: 28 Jan 2015 00:52

Instrument :

BNA_G

ClientSampleId :

275B1A

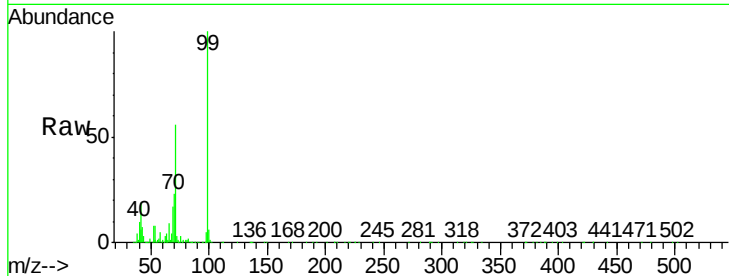
Tgt Ion: 99 Resp: 1045915

Ion Ratio Lower Upper

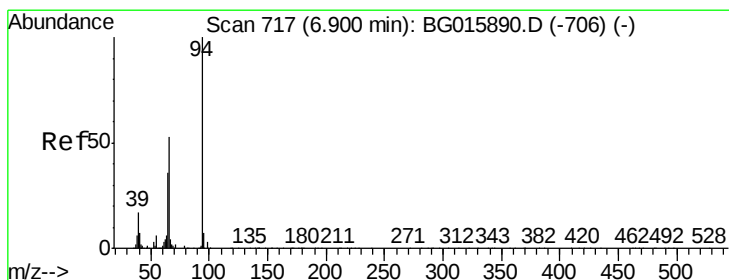
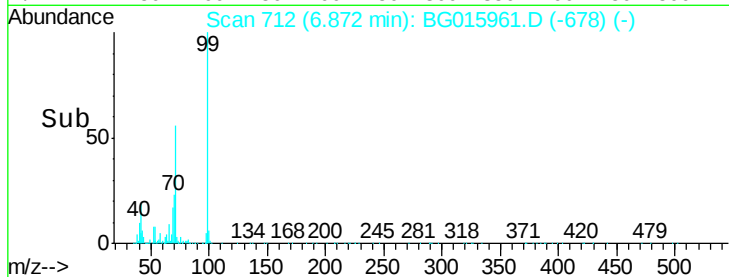
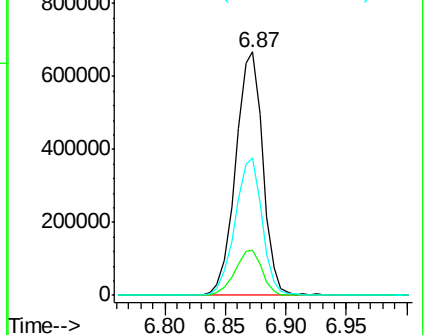
99 100

42 18.6 18.1 27.1

71 56.5 49.8 74.8



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



#10

Phenol

Concen: 2.95 ng

RT: 6.90 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG015961.D

Acq: 28 Jan 2015 00:52

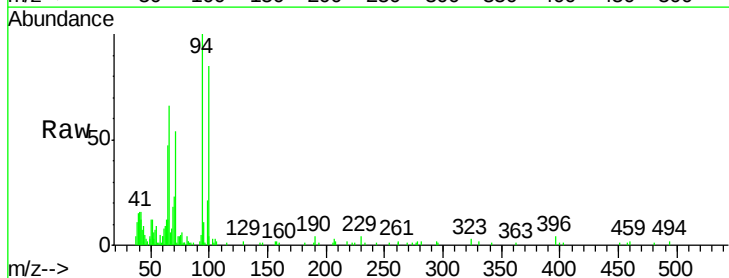
Tgt Ion: 94 Resp: 31320

Ion Ratio Lower Upper

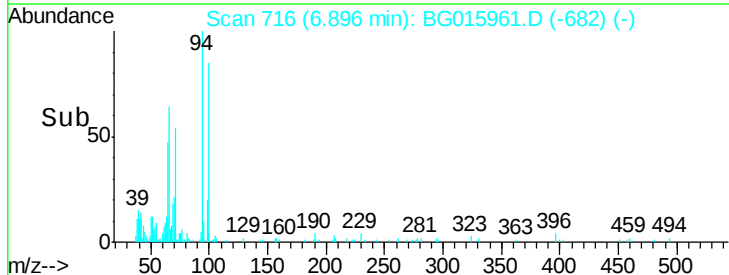
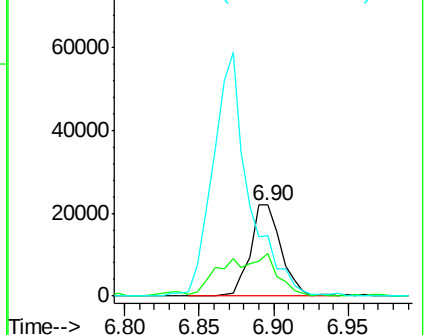
94 100

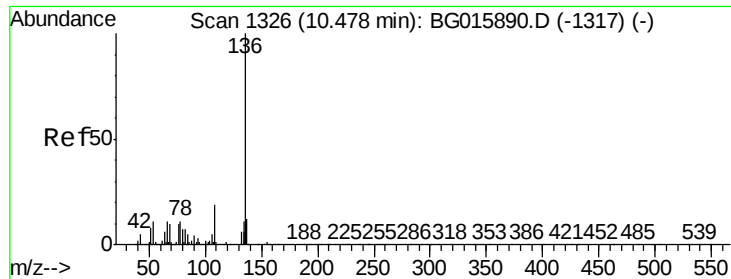
65 46.6 16.5 56.5

66 66.3 33.3 73.3



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

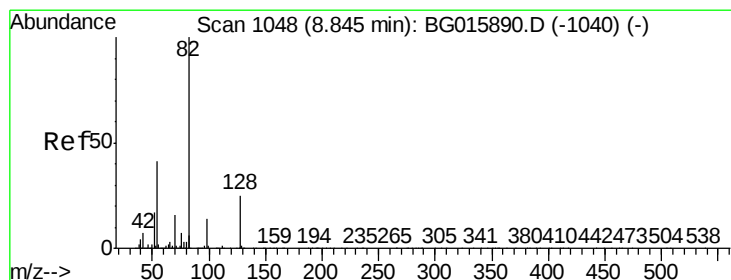
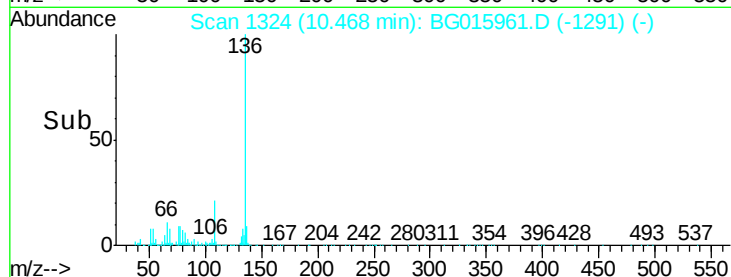
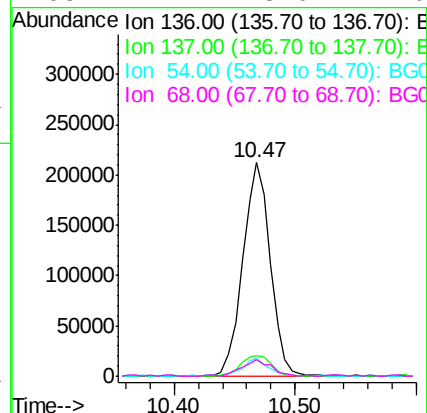
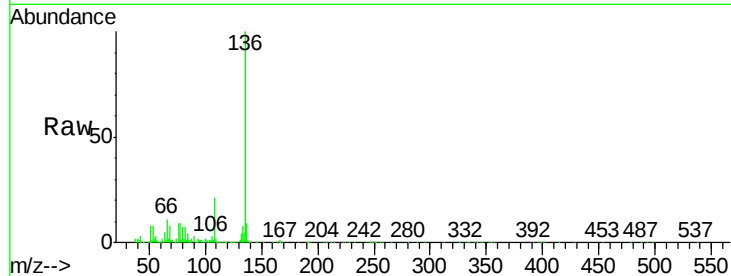




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG015961.D
Acq: 28 Jan 2015 00:52

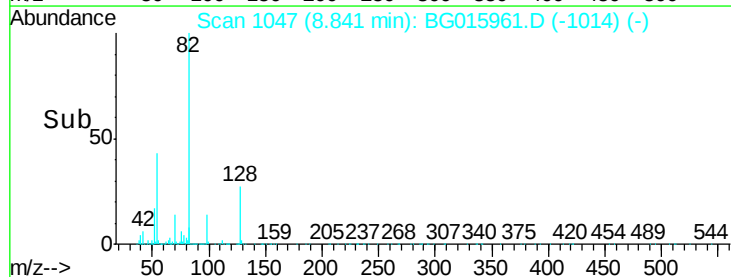
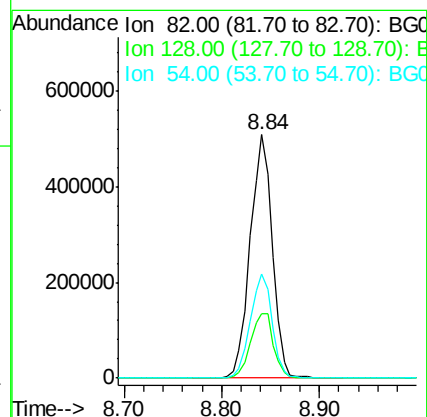
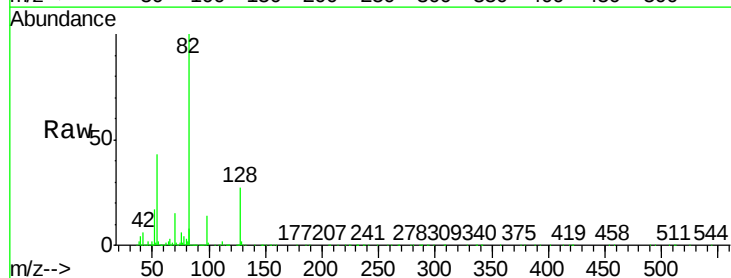
Instrument :
BNA_G
ClientSampleId :
275B1A

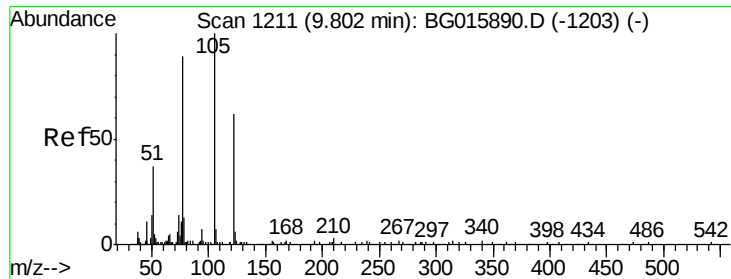
Tgt Ion:	136	Resp:	336172
Ion	Ratio	Lower	Upper
136	100		
137	9.4	9.7	14.5#
54	8.3	8.5	12.7#
68	7.7	8.0	12.0#



#23
Nitrobenzene-d5
Concen: 69.25 ng
RT: 8.84 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG015961.D
Acq: 28 Jan 2015 00:52

Tgt Ion:	82	Resp:	807616
Ion	Ratio	Lower	Upper
82	100		
128	26.6	19.8	29.8
54	42.6	33.0	49.4

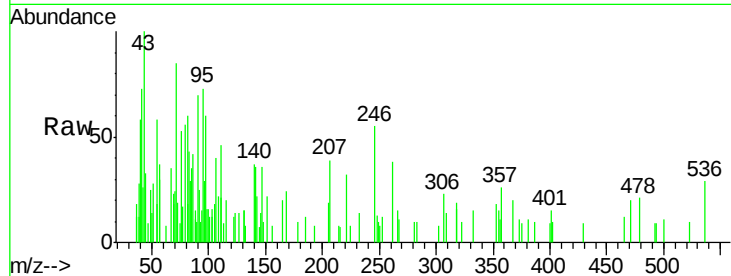




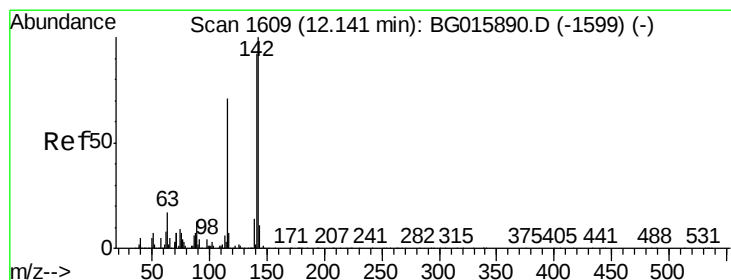
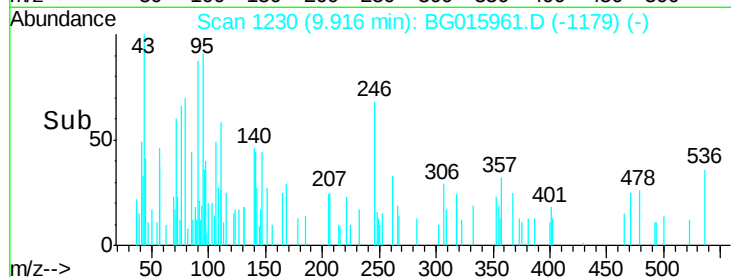
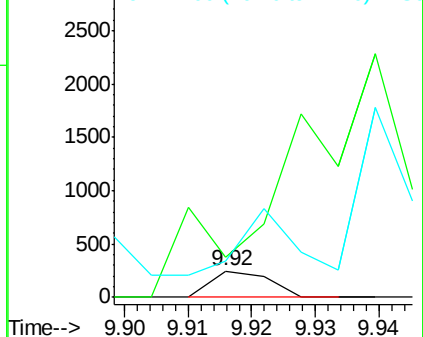
#32
Benzoic acid
Concen: 10.35 ng
RT: 9.92 min Scan# 1230
Delta R.T. 0.10 min
Lab File: BG015961.D
Acq: 28 Jan 2015 00:52

Instrument :
BNA_G
ClientSampleId :
275B1A

Tgt Ion	Ratio	Lower	Upper
122	100		
105	153.4	140.2	180.2
77	138.5	126.4	166.4

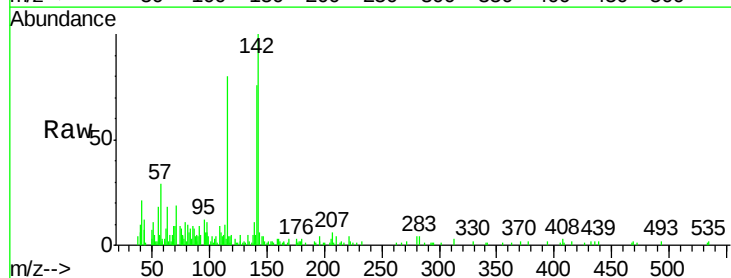


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

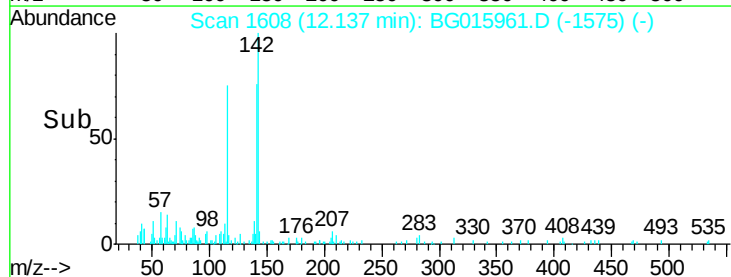
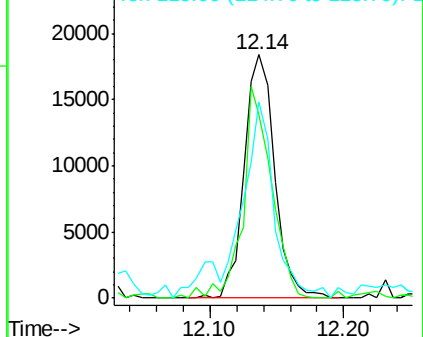


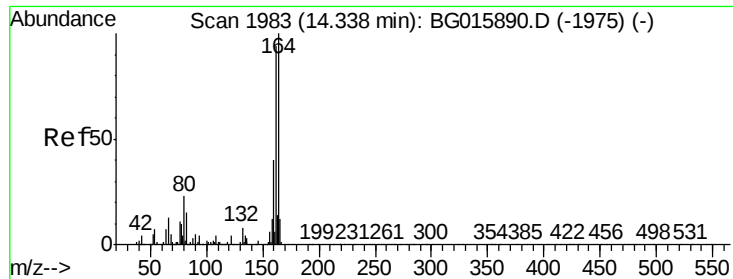
#37
2-Methylnaphthalene
Concen: 2.11 ng
RT: 12.14 min Scan# 1608
Delta R.T. -0.00 min
Lab File: BG015961.D
Acq: 28 Jan 2015 00:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	75.6	73.8	110.8
115	80.5	56.6	84.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.33 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BG015961.D

Acq: 28 Jan 2015 00:52

Instrument :

BNA_G

ClientSampleId :

275B1A

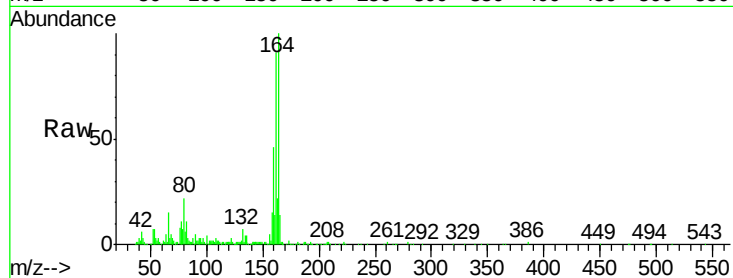
Tgt Ion:164 Resp: 271740

Ion Ratio Lower Upper

164 100

162 90.6 75.1 112.7

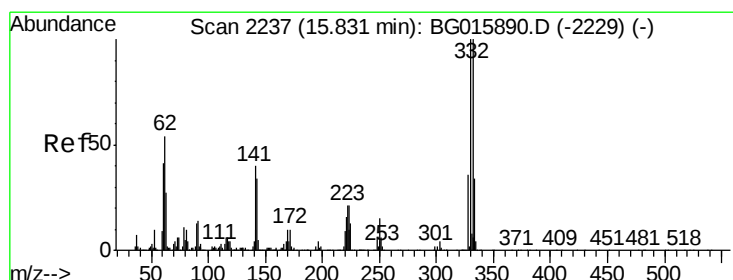
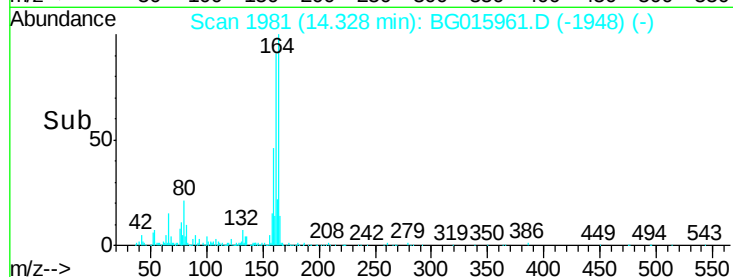
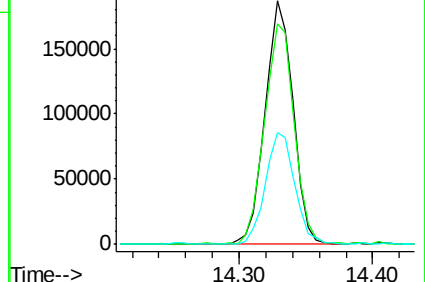
160 45.9 32.3 48.5



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: 122.34 ng

RT: 15.83 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BG015961.D

Acq: 28 Jan 2015 00:52

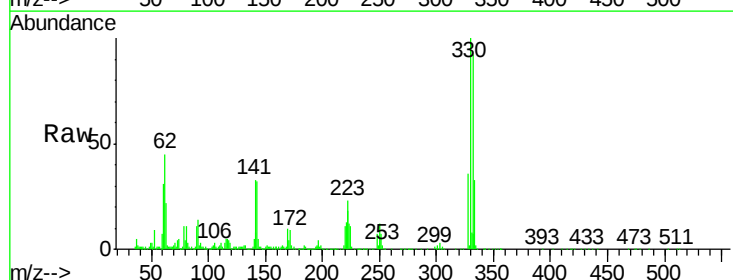
Tgt Ion:330 Resp: 608585

Ion Ratio Lower Upper

330 100

332 93.0 75.4 113.0

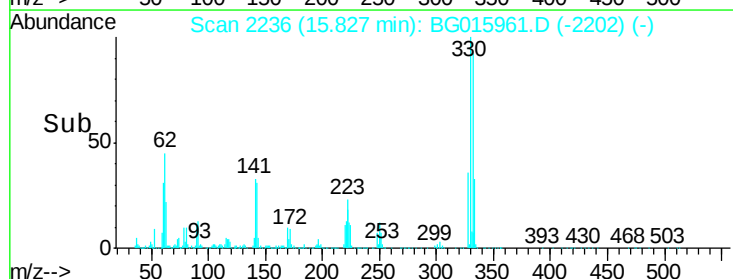
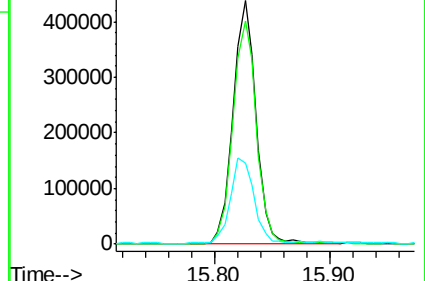
141 36.0 33.0 49.6

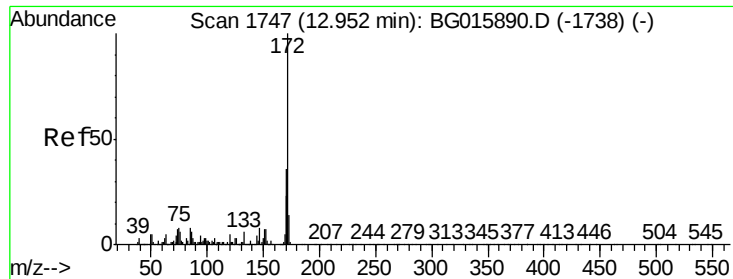


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

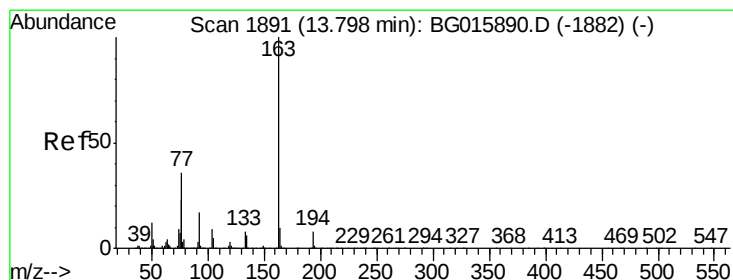
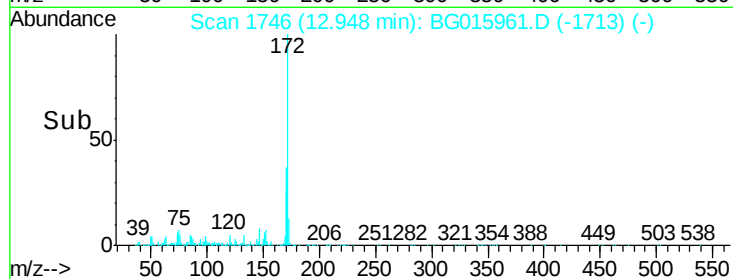
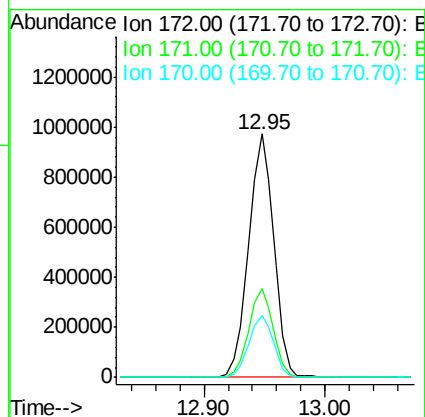
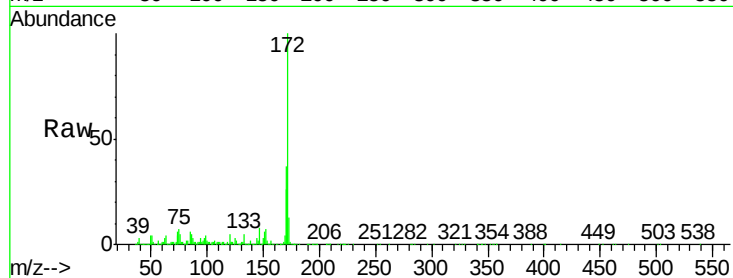




#44
2-Fluorobiphenyl
Concen: 82.01 ng
RT: 12.95 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BG015961.D
Acq: 28 Jan 2015 00:52

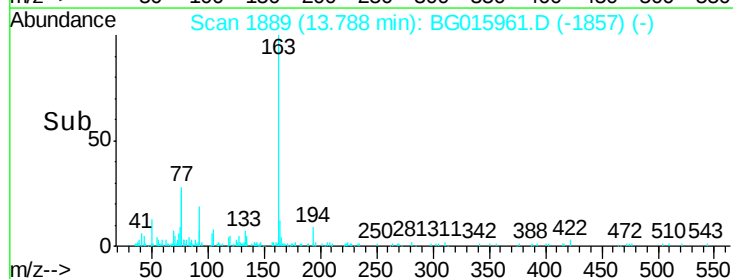
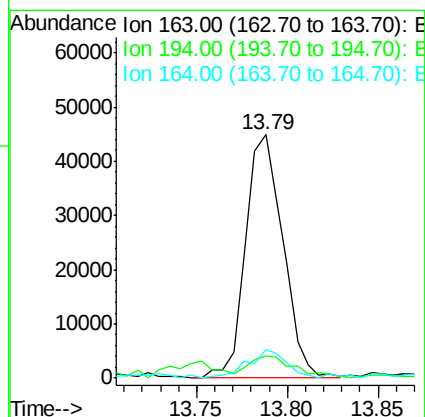
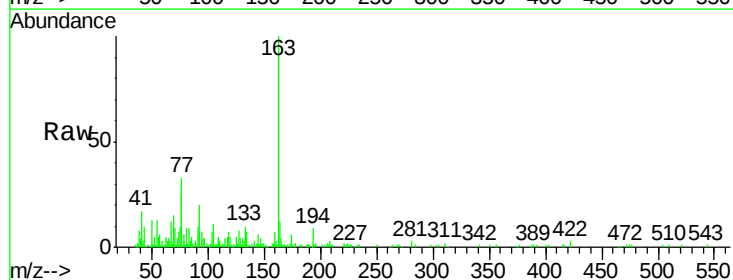
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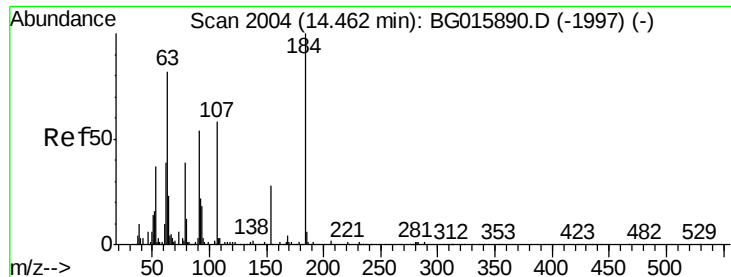
Tgt Ion:172 Resp: 1420341
Ion Ratio Lower Upper
172 100
171 36.5 29.2 43.8
170 25.7 18.6 27.8



#49
Dimethylphthalate
Concen: 3.26 ng
RT: 13.79 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG015961.D
Acq: 28 Jan 2015 00:52

Tgt Ion:163 Resp: 63672
Ion Ratio Lower Upper
163 100
194 8.9 6.2 9.4
164 11.9 8.0 12.0

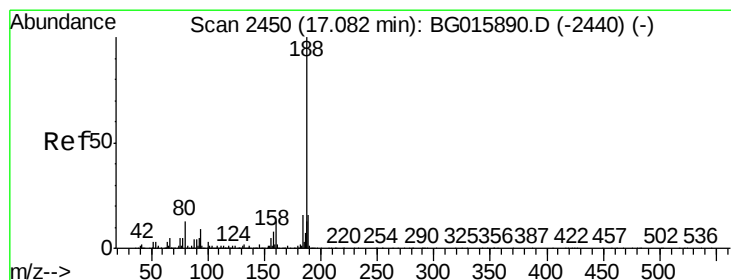
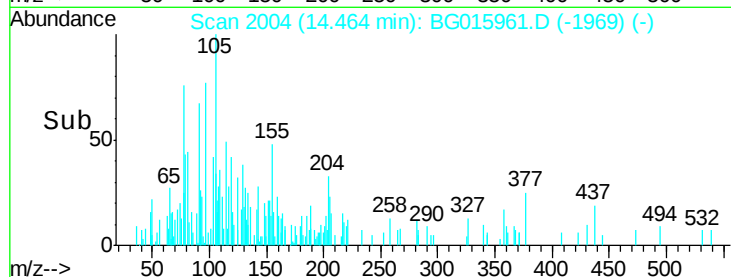
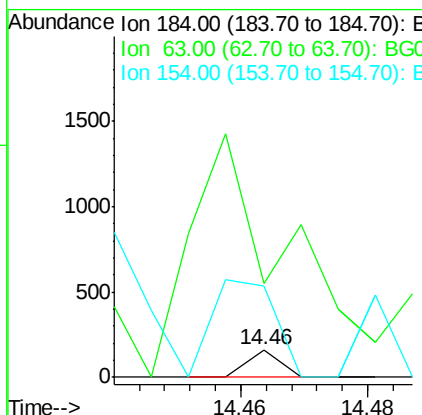
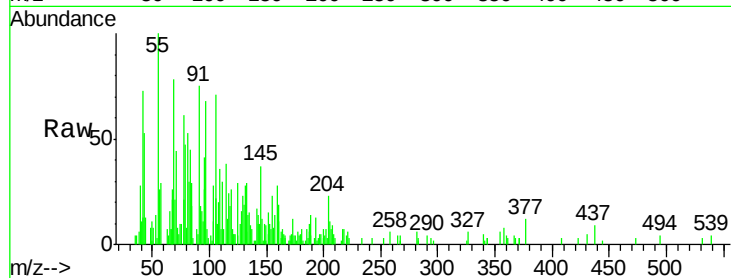




#53
2,4-Dinitrophenol
Concen: 4.52 ng
RT: 14.46 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BG015961.D
Acq: 28 Jan 2015 00:52

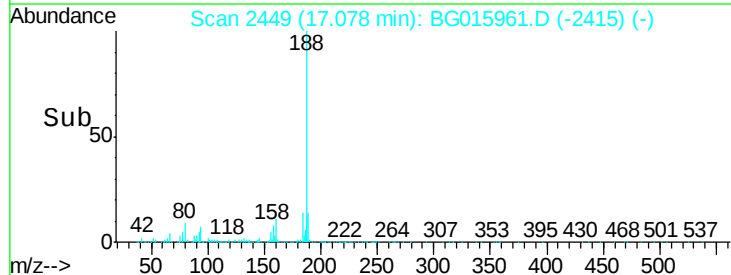
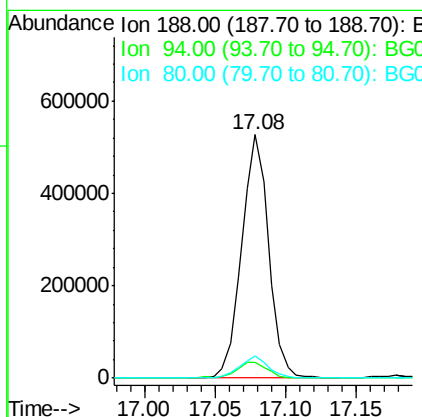
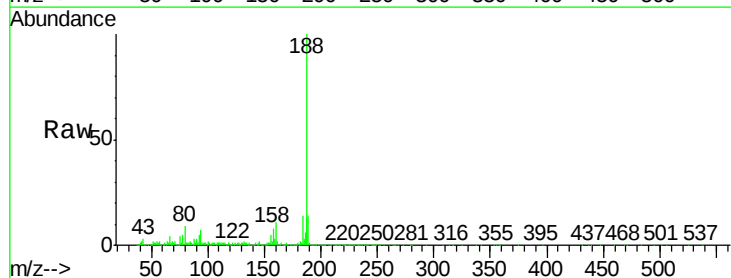
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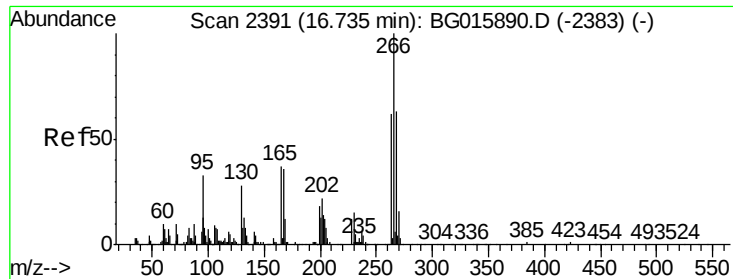
Tgt Ion:184 Resp: 57
Ion Ratio Lower Upper
184 100
63 337.4 68.6 103.0#
154 329.4 54.9 82.3#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. 0.00 min
Lab File: BG015961.D
Acq: 28 Jan 2015 00:52

Tgt Ion:188 Resp: 698940
Ion Ratio Lower Upper
188 100
94 6.7 7.8 11.8#
80 9.2 10.6 16.0#

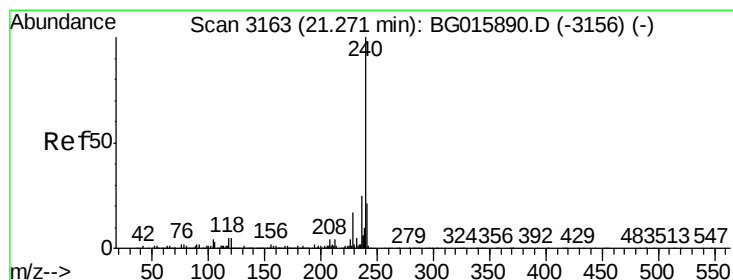
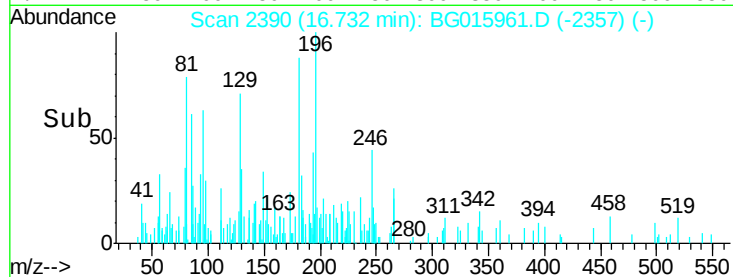
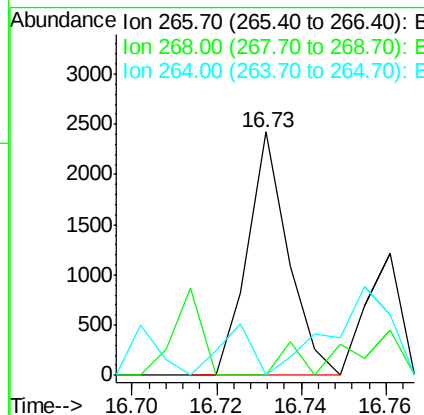
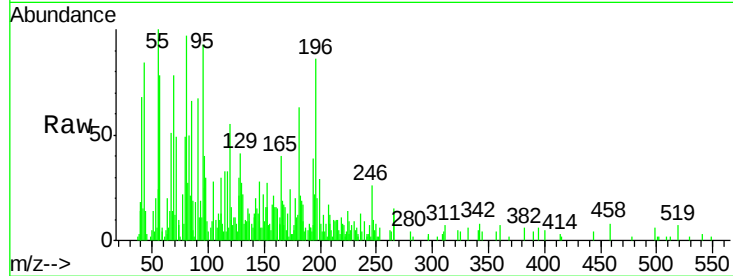




#69
 Pentachlorophenol
 Concen: 5.57 ng
 RT: 16.73 min Scan# 2390
 Delta R.T. -0.00 min
 Lab File: BG015961.D
 Acq: 28 Jan 2015 00:52

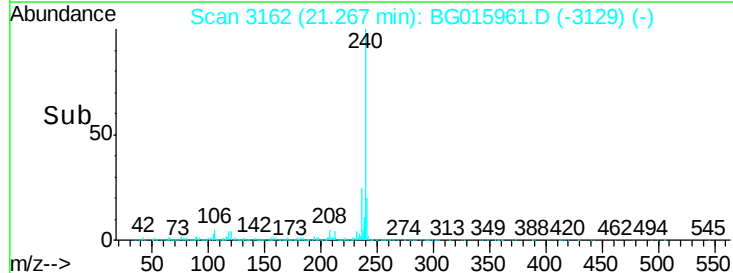
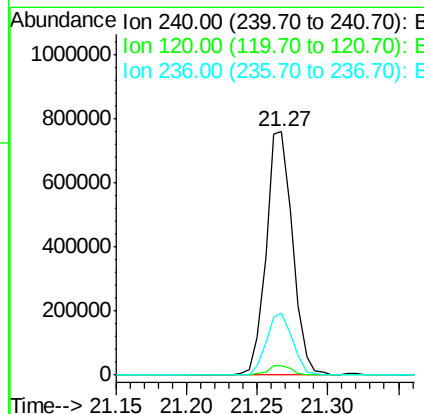
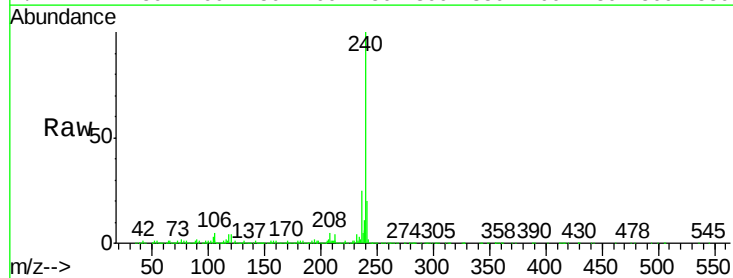
Instrument :
 BNA_G
 ClientSampleId :
 275B1A

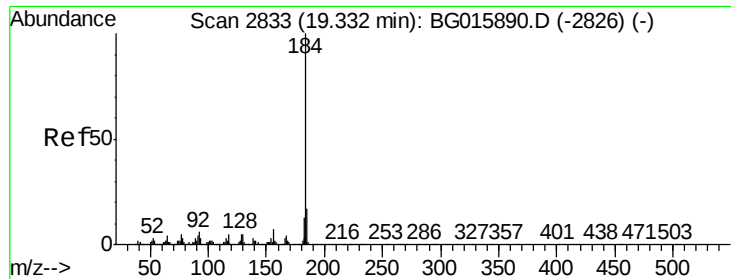
Tgt Ion	Ratio	Lower	Upper
266	100		
268	0.0	53.5	80.3#
264	0.0	51.9	77.9#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.27 min Scan# 3162
 Delta R.T. -0.00 min
 Lab File: BG015961.D
 Acq: 28 Jan 2015 00:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	3.8	3.9	5.9#
236	25.3	20.0	30.0





#76

Benzidine

Concen: 2.00 ng

RT: 19.35 min Scan# 2836

Delta R.T. 0.02 min

Lab File: BG015961.D

Acq: 28 Jan 2015 00:52

Instrument :

BNA_G

ClientSampleId :

275B1A

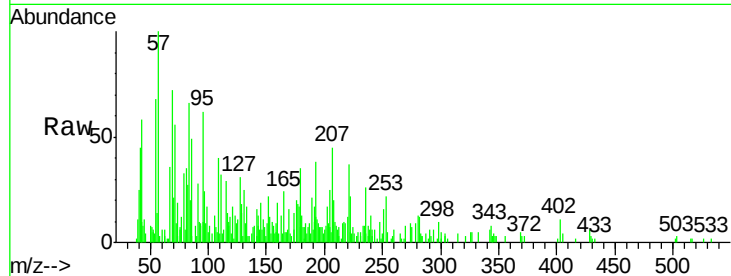
Tgt Ion:184 Resp: 381

Ion Ratio Lower Upper

184 100

185 122.8 13.3 19.9#

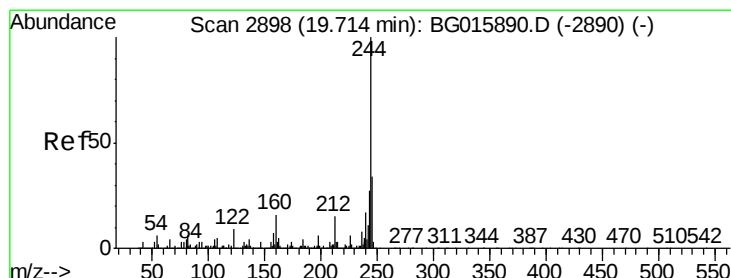
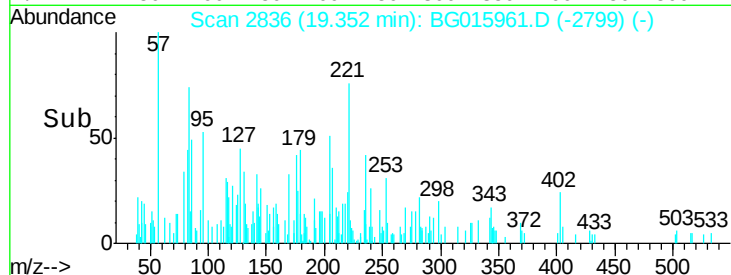
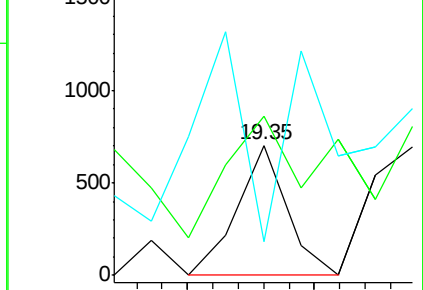
183 25.7 10.1 15.1#



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



#78

Terphenyl-d14

Concen: 79.56 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG015961.D

Acq: 28 Jan 2015 00:52

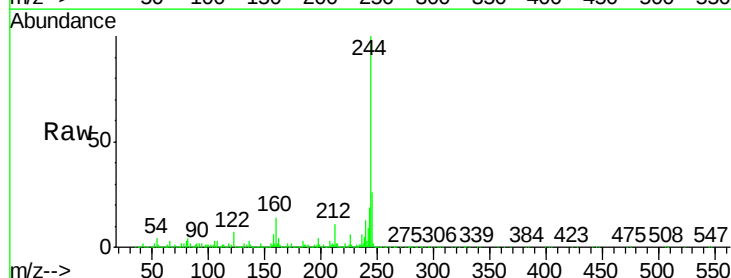
Tgt Ion:244 Resp: 2863410

Ion Ratio Lower Upper

244 100

212 10.8 11.6 17.4#

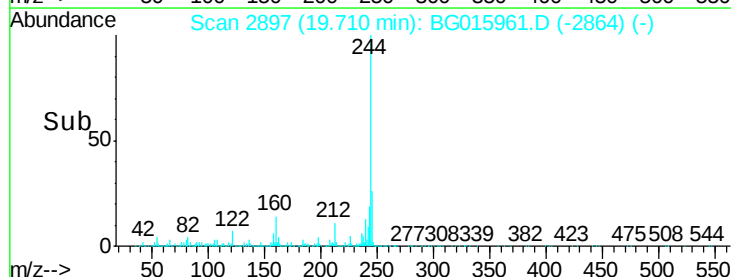
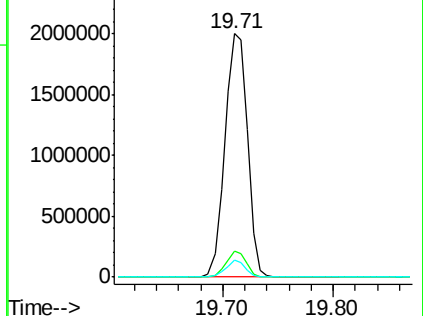
122 6.9 7.0 10.4#

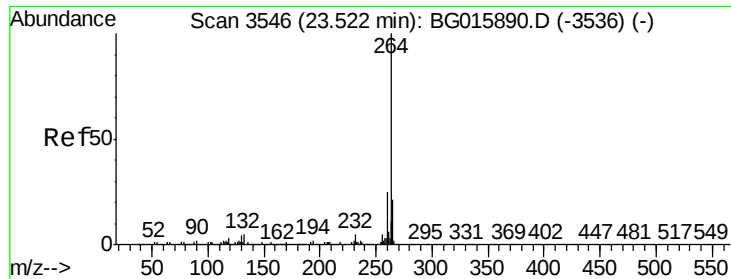


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.52 min Scan# 3545
Delta R.T. -0.00 min
Lab File: BG015961.D
Acq: 28 Jan 2015 00:52

Instrument :
BNA_G
ClientSampleId :
275B1A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.7	29.5
265	22.7	17.3	25.9

