

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 04:48:12 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

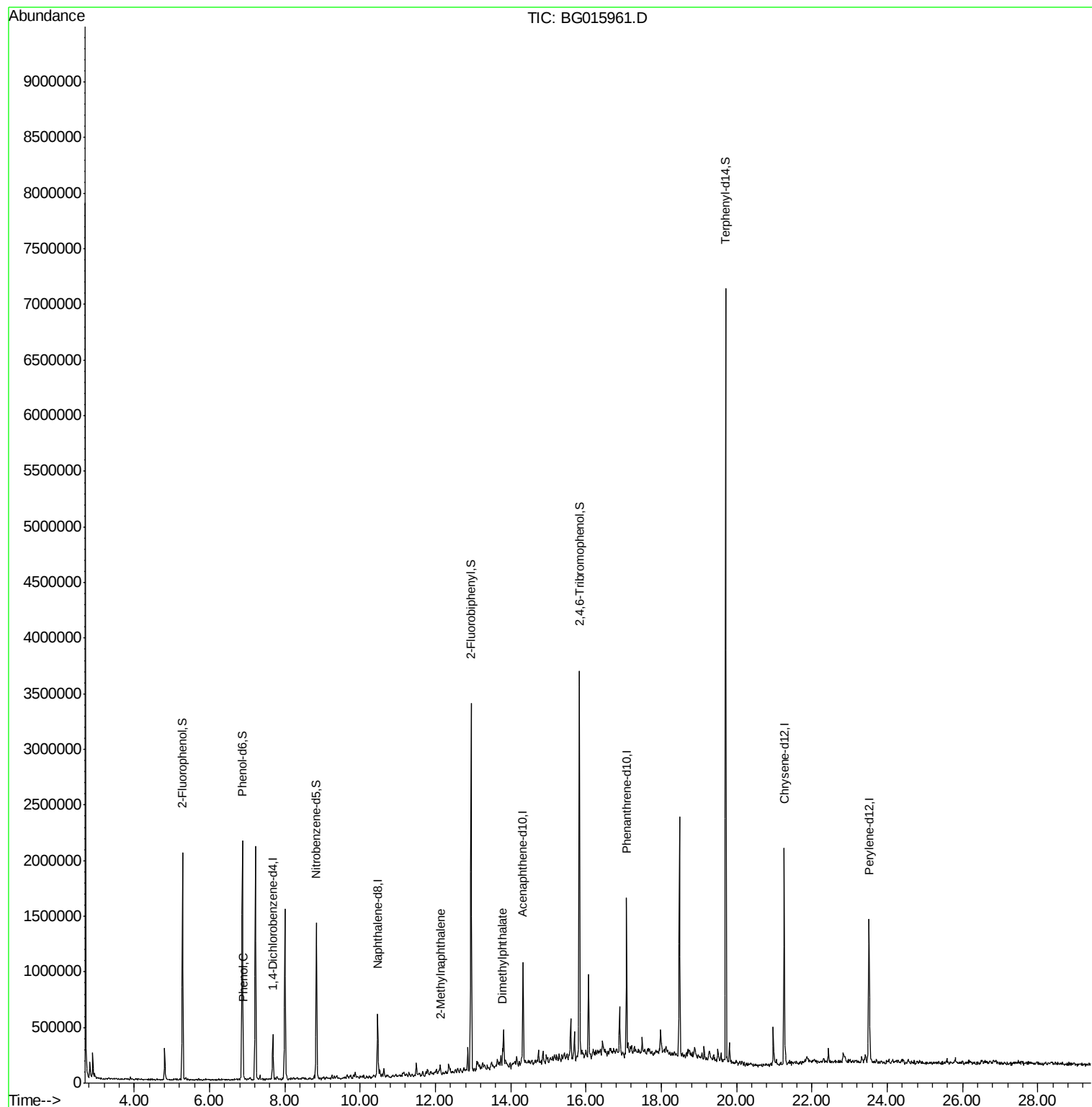
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	85948	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	336172	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	271740	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	698940	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1000913	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						
10) Phenol	6.90	94	31320	2.95	ng	82
37) 2-Methylnaphthalene	12.14	142	28792	2.11	ng	85
49) Dimethylphthalate	13.79	163	63672	3.26	ng	96

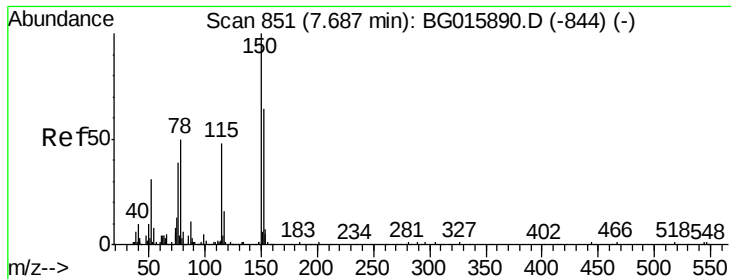
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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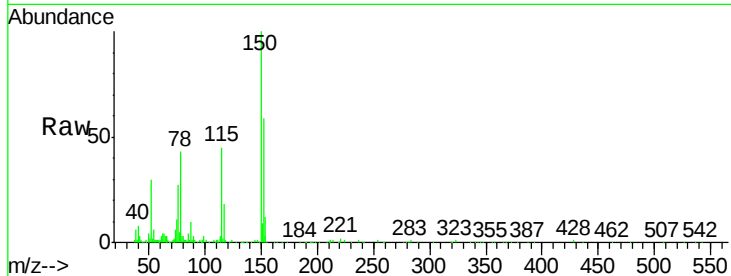


#1

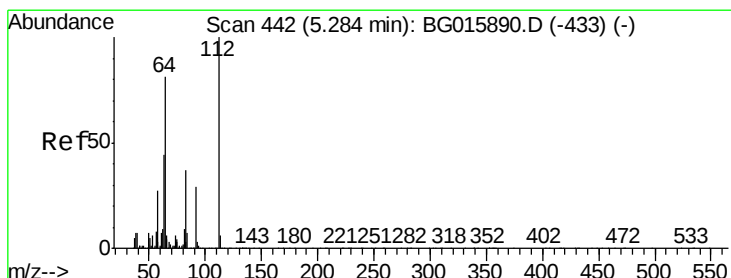
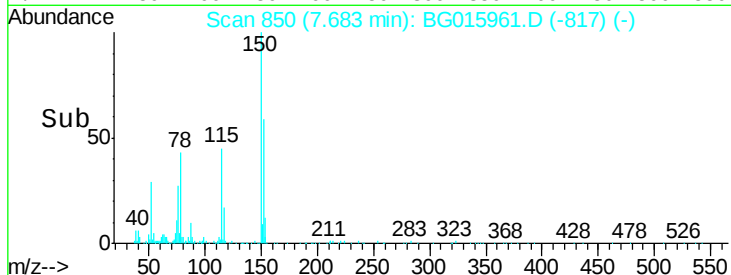
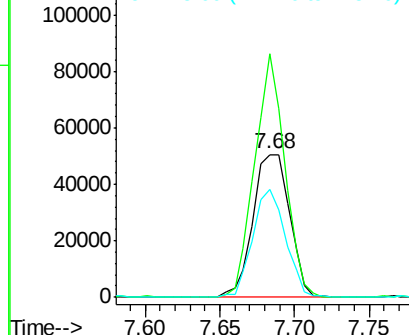
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 850
Delta R.T. -0.00 min
Lab File: BG015961.D
Acq: 28 Jan 2015 00:52

Instrument :
BNA_G
ClientSampleId :
275B1A

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



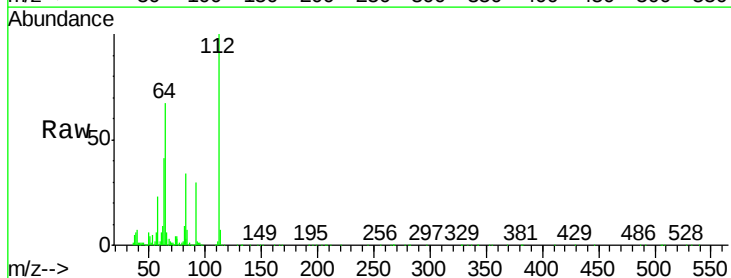
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



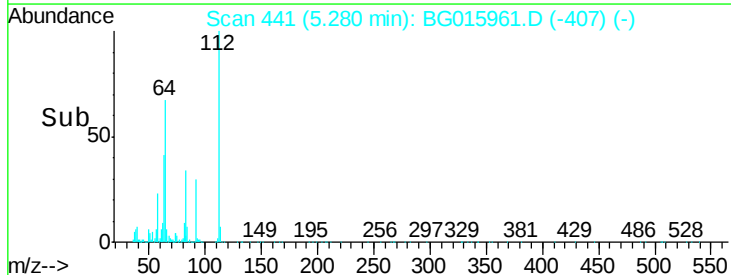
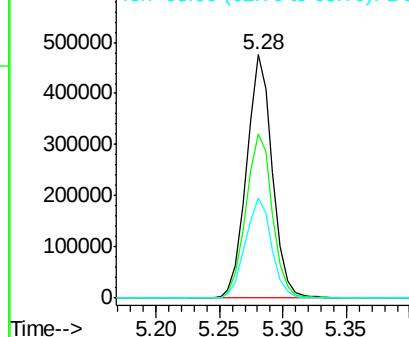
#5

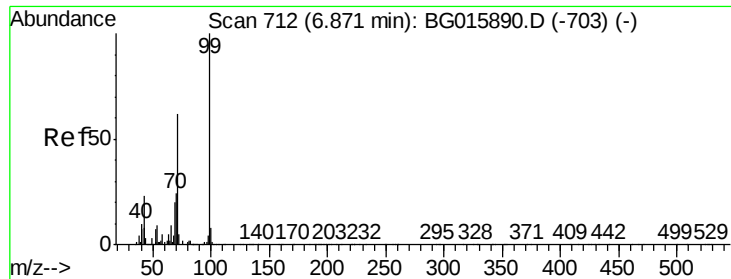
2-Fluorophenol
Concen: 115.90 ng
RT: 5.28 min Scan# 441
Delta R.T. 0.00 min
Lab File: BG015961.D
Acq: 28 Jan 2015 00:52

Tgt Ion	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

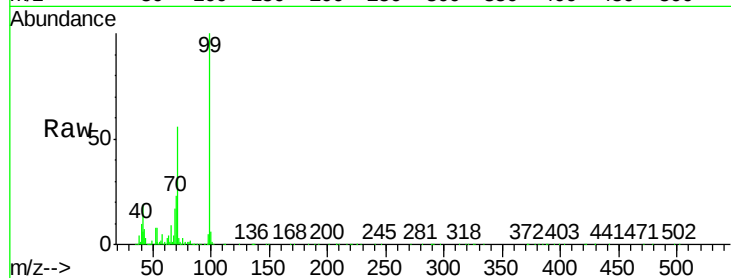
Tgt Ion: 99 Resp: 1045915

Ion Ratio Lower Upper

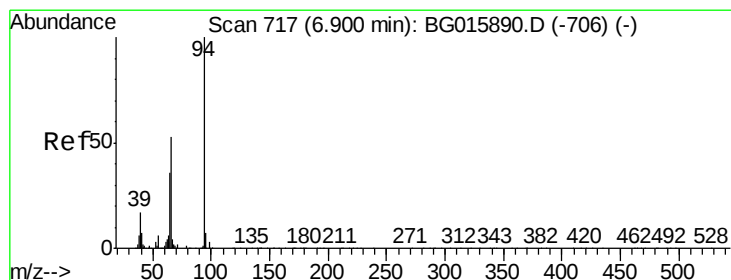
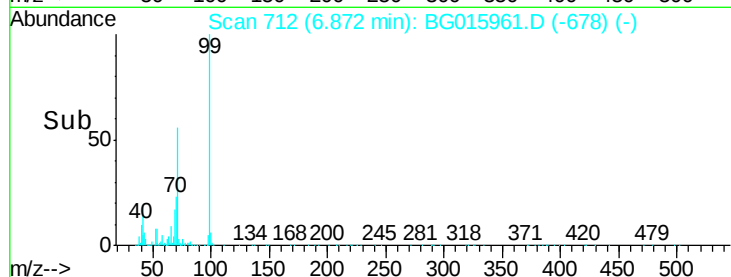
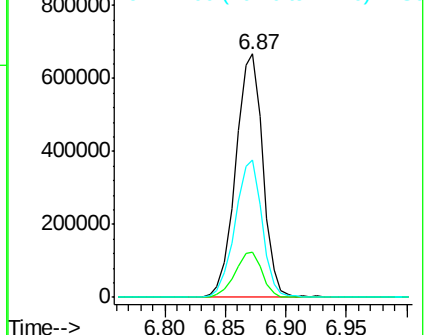
99 100

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

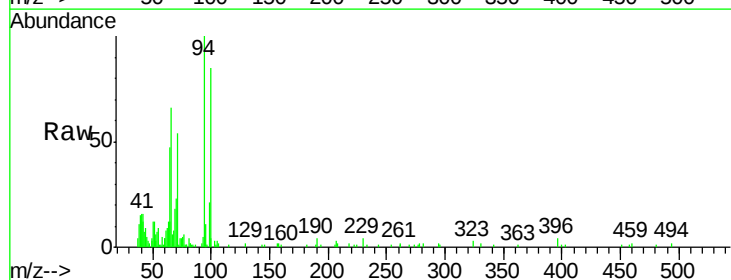
Tgt Ion: 94 Resp: 31320

Ion Ratio Lower Upper

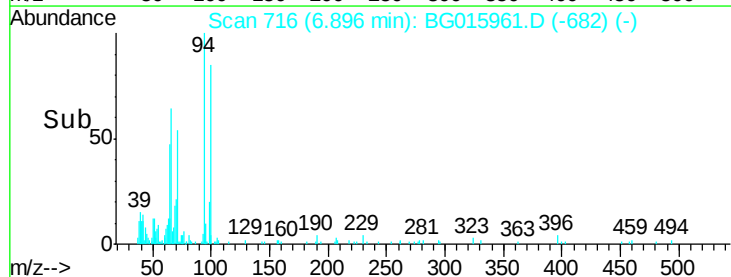
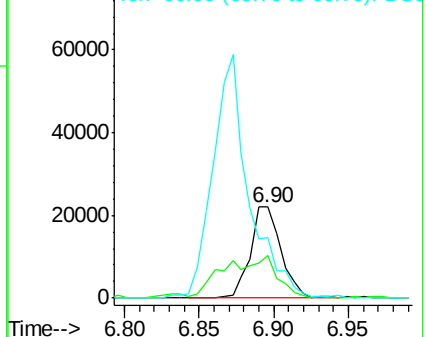
94 100

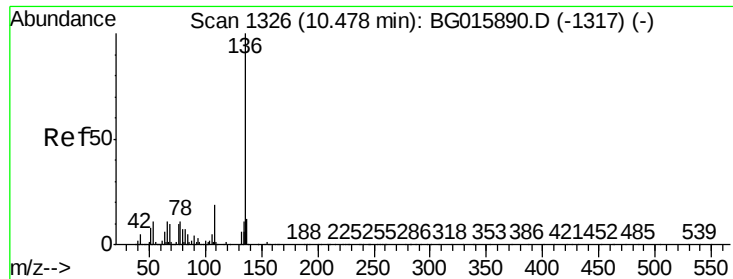
65 46.6 16.5 56.5

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

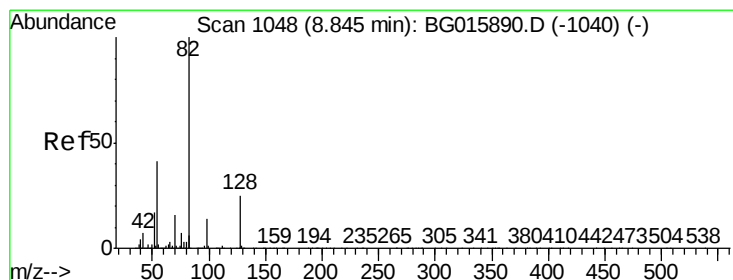
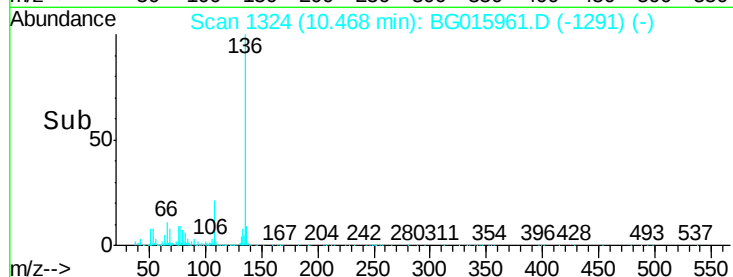
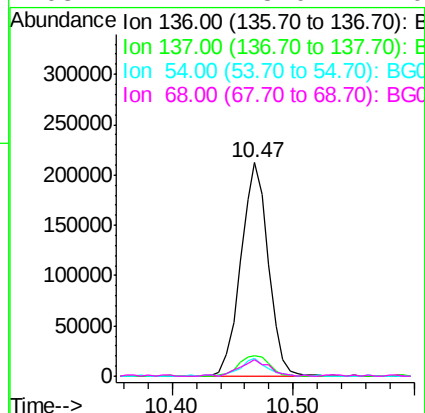
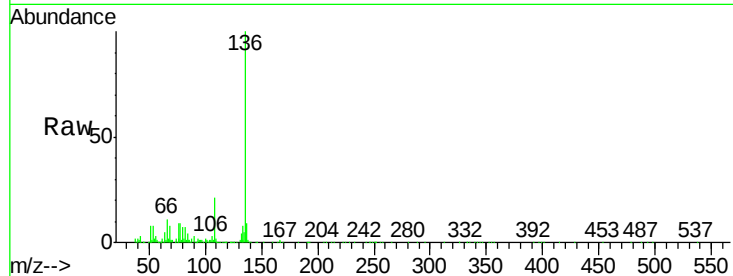




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG015961.D
Acq: 28 Jan 2015 00:52

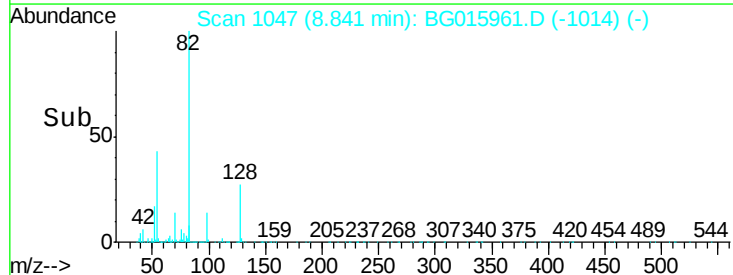
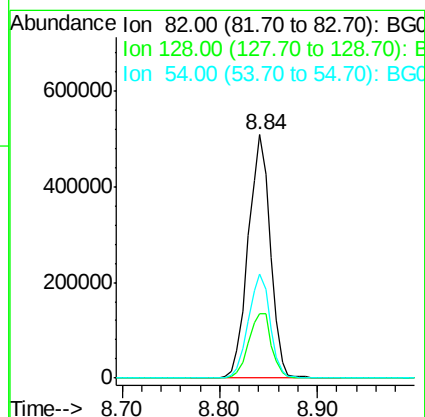
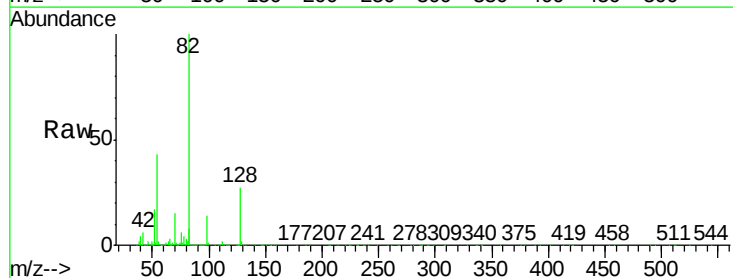
Instrument :
BNA_G
ClientSampleId :
275B1A

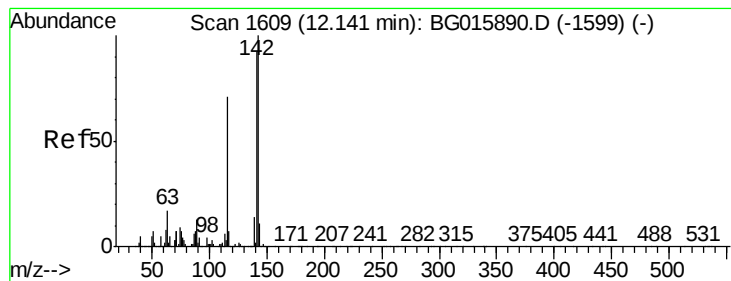
Tgt Ion:	136	Resp:	336172
Ion	Ratio	Lower	Upper
136	100		
137	9.4	9.7	14.5#
54	8.3	8.5	12.7#
68	7.7	8.0	12.0#



#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





#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

Instrument :

BNA_G

ClientSampleId :

275B1A

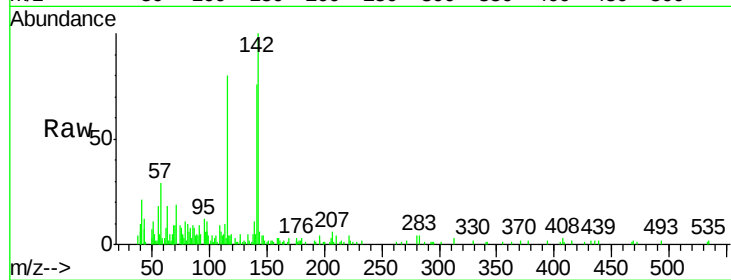
Tgt Ion:142 Resp: 28792

Ion Ratio Lower Upper

142 100

141 75.6 73.8 110.8

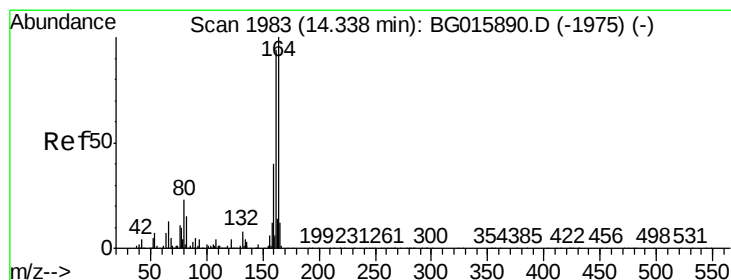
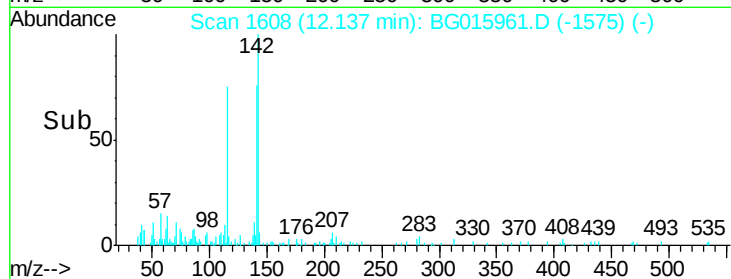
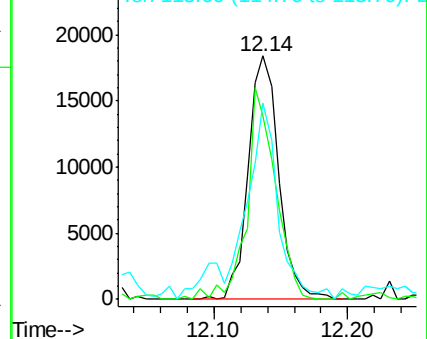
115 80.5 56.6 84.8



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

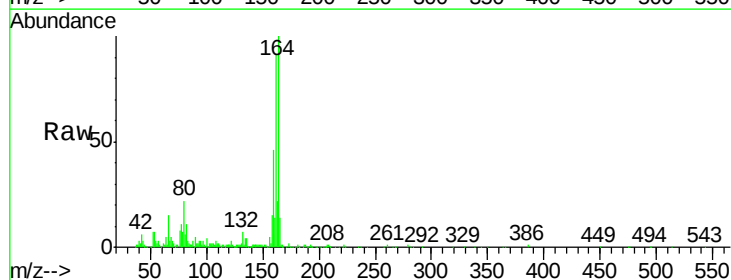
Tgt Ion:164 Resp: 271740

Ion Ratio Lower Upper

164 100

162 90.6 75.1 112.7

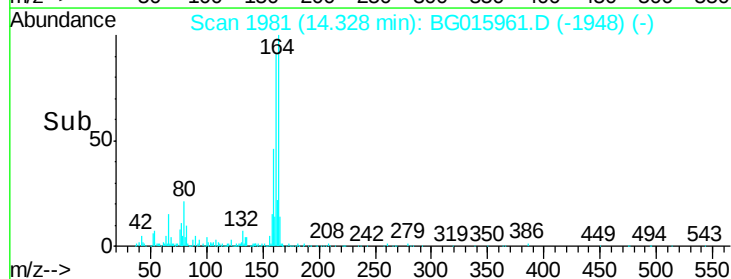
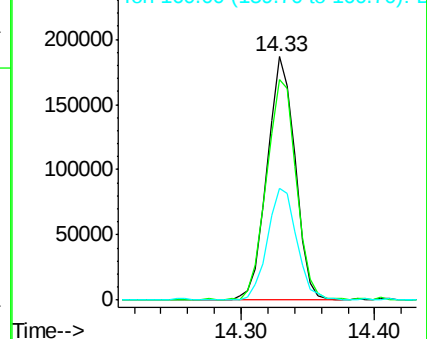
160 45.9 32.3 48.5

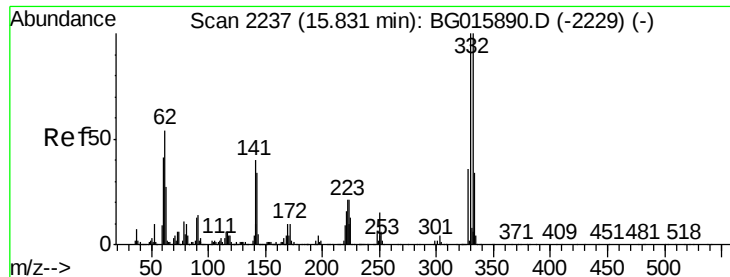


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

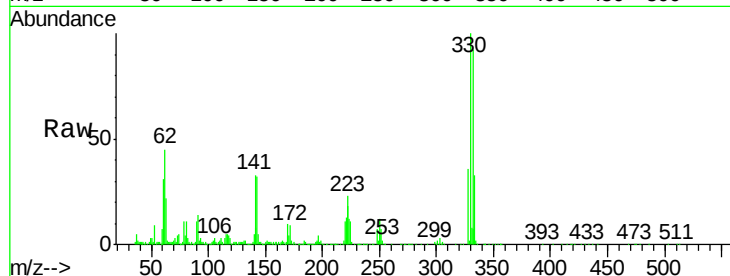




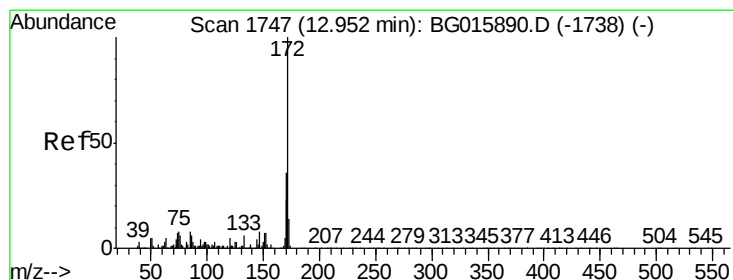
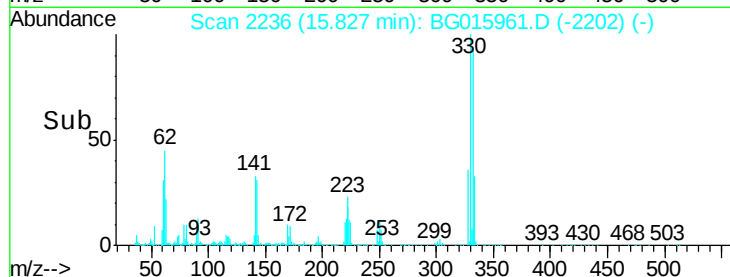
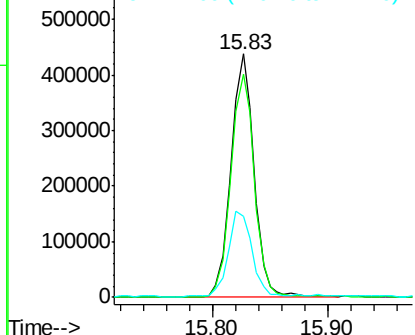
#41
2,4,6-Tribromophenol
Concen: 122.34 ng
RT: 15.83 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BG015961.D
Acq: 28 Jan 2015 00:52

Instrument :
BNA_G
ClientSampleID :
275B1A

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

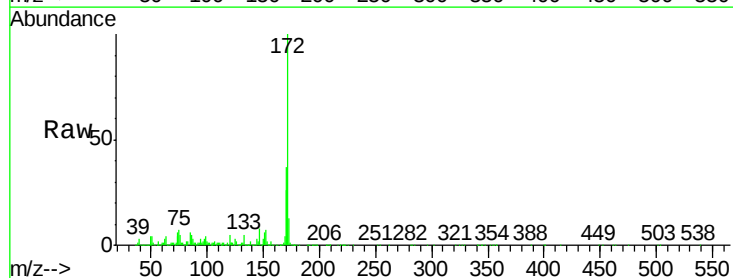


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

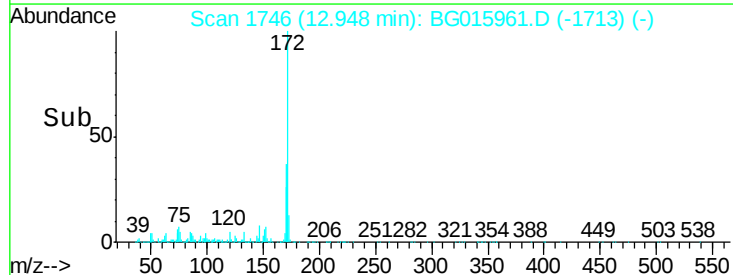
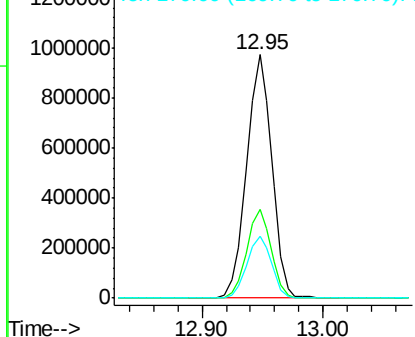


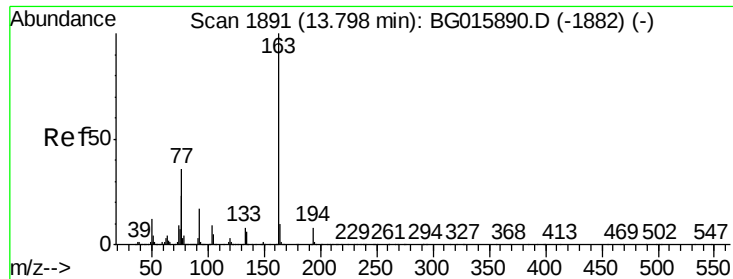
#44
2-Fluorobiphenyl
Concen: 82.01 ng
RT: 12.95 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BG015961.D
Acq: 28 Jan 2015 00:52

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



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: 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

Instrument :

BNA_G

ClientSampleId :

275B1A

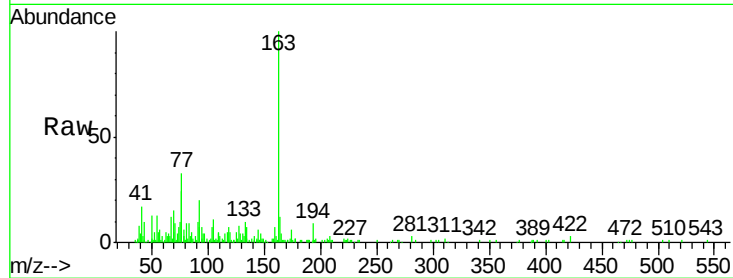
Tgt Ion:163 Resp: 63672

Ion Ratio Lower Upper

163 100

194 8.9 6.2 9.4

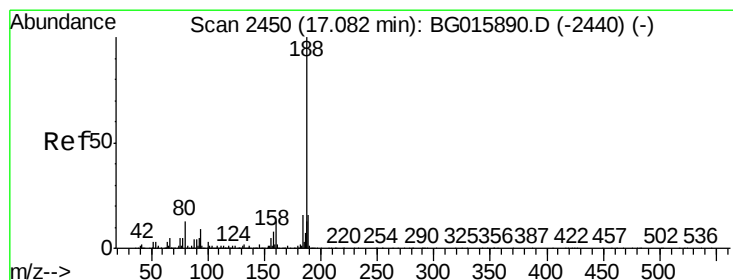
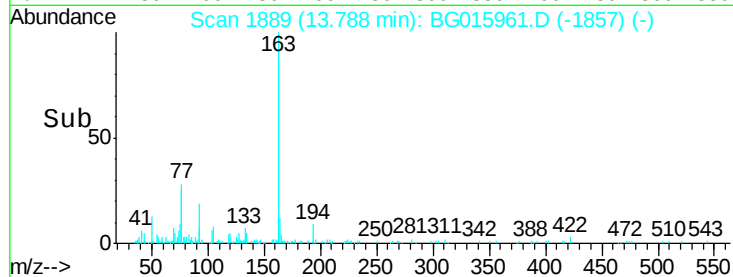
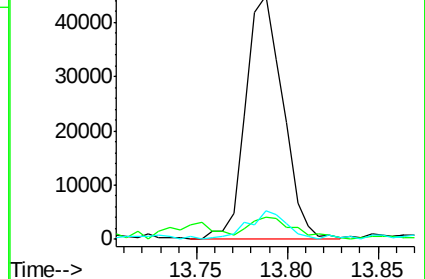
164 11.9 8.0 12.0



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



#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

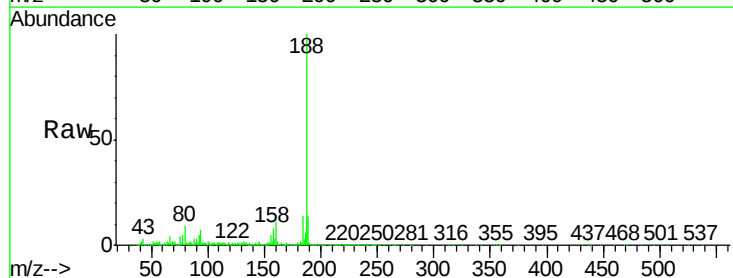
Tgt Ion:188 Resp: 698940

Ion Ratio Lower Upper

188 100

94 6.7 7.8 11.8#

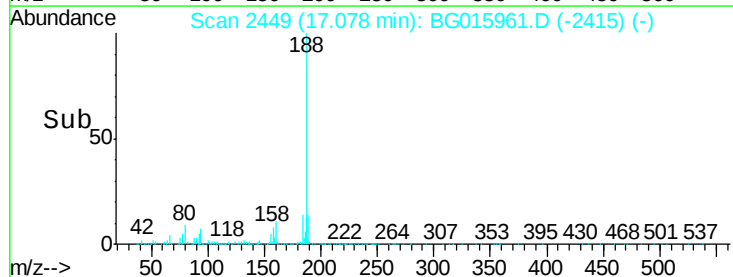
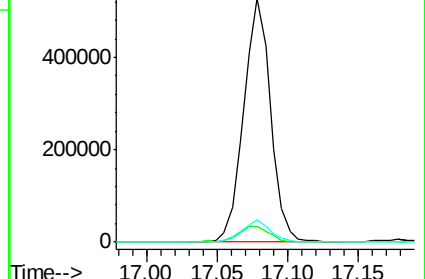
80 9.2 10.6 16.0#

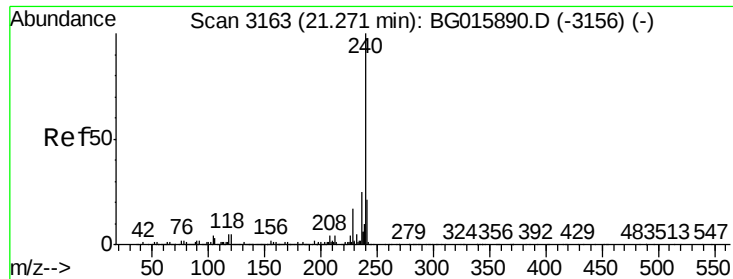


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#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

Instrument :

BNA_G

ClientSampleId :

275B1A

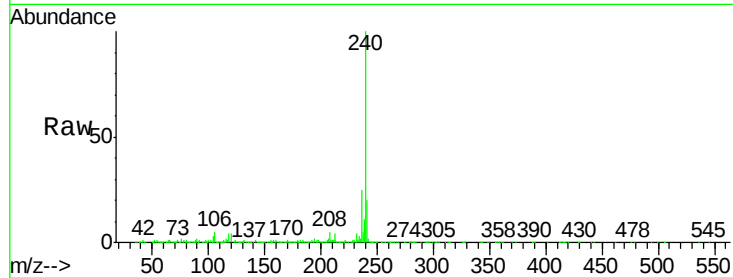
Tgt Ion:240 Resp: 1000913

Ion Ratio Lower Upper

240 100

120 3.8 3.9 5.9#

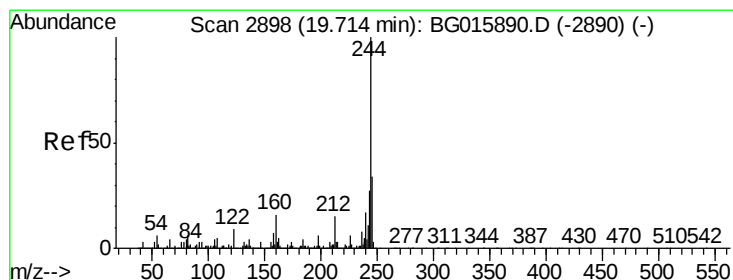
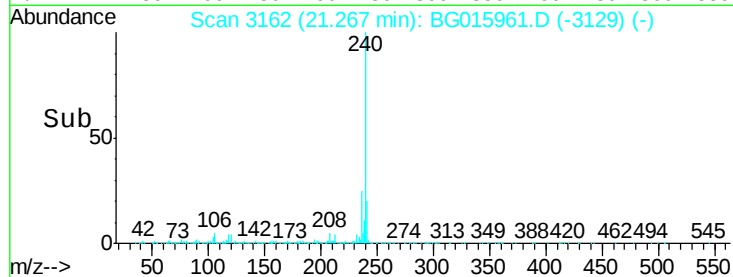
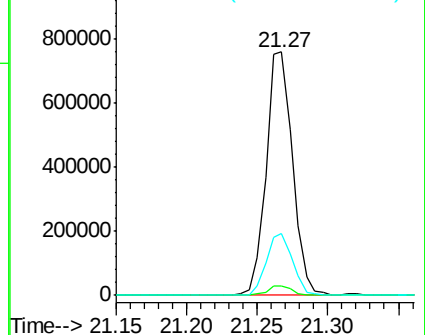
236 25.3 20.0 30.0



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: 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

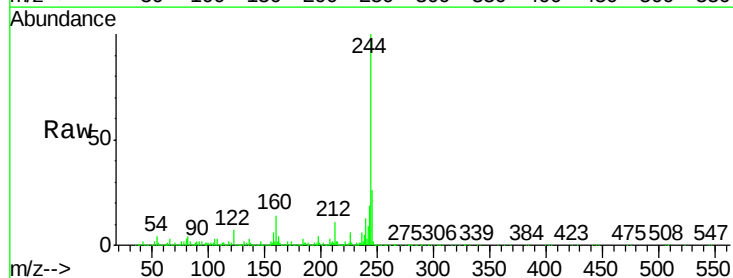
Tgt Ion:244 Resp: 2863410

Ion Ratio Lower Upper

244 100

212 10.8 11.6 17.4#

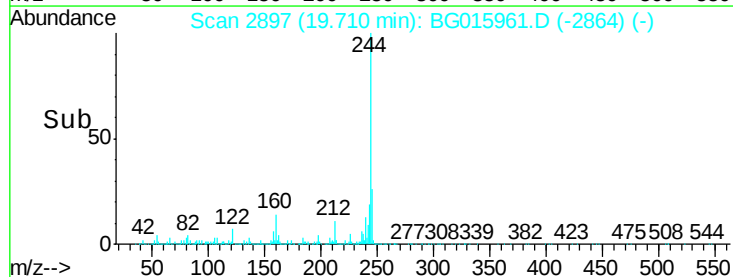
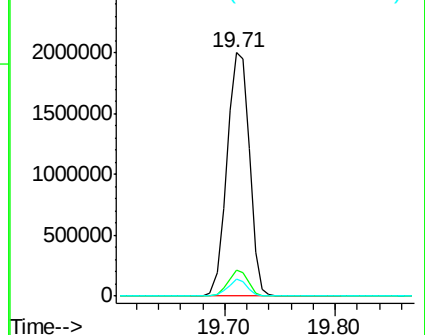
122 6.9 7.0 10.4#

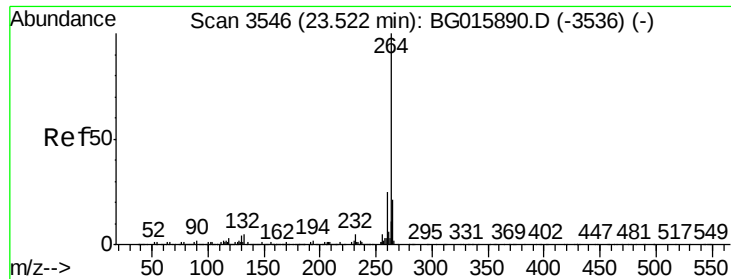


Abundance Ion 244.00 (243.70 to 244.70): E

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

