

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
 Data File : BG026012.D
 Acq On : 1 Mar 2017 1:04
 Operator : SJ/MA
 Sample : I2014-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PRESS-WASTE-WATER-CAKE

Quant Time: Mar 01 02:18:07 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 15:36:56 2017
 Response via : Initial Calibration

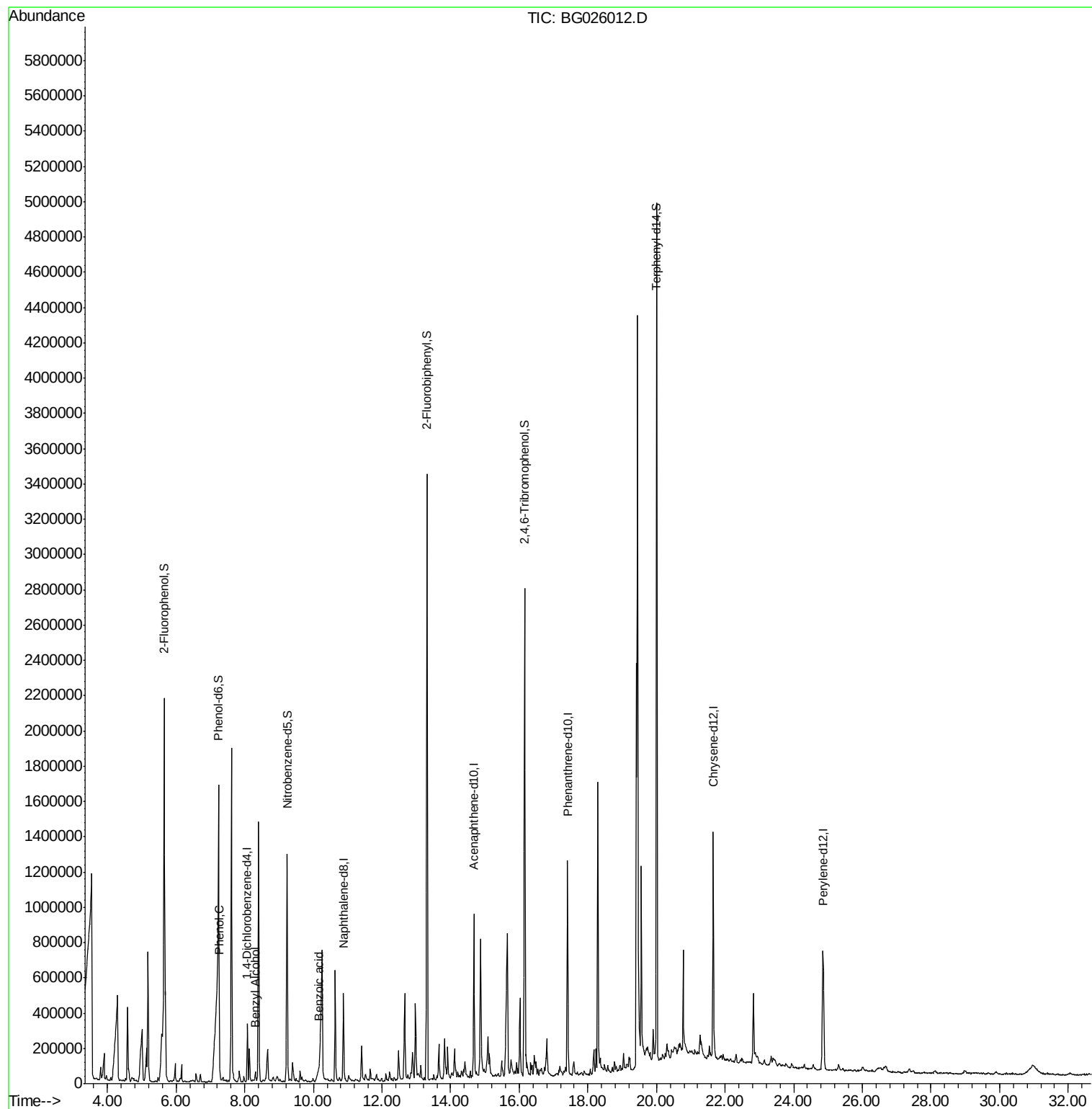
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	95149	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	445270	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	299003	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	761921	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	771581	20.00	ng	-0.02
86) Perylene-d12	24.86	264	698818	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	794863	145.44	ng	0.00
7) Phenol-d6	7.24	99	1058583	130.89	ng	0.00
23) Nitrobenzene-d5	9.23	82	779030	110.41	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	513829	186.00	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1803517	105.40	ng	-0.01
78) Terphenyl-d14	20.00	244	2071598	65.30	ng	-0.02
Target Compounds						
10) Phenol	7.26	94	42095	4.79	ng	Qvalue 84
15) Benzyl Alcohol	8.30	79	18922	3.20	ng	# 77
32) Benzoic acid	10.16	122	29288	5.76	ng	# 87

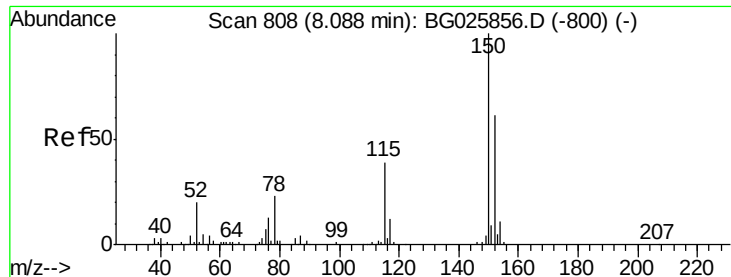
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 806

Delta R.T. -0.01 min

Lab File: BG026012.D

Acq: 1 Mar 2017 1:04

Instrument :

BNA_G

ClientSampleId :

PRESS-WASTE-WATER-CAKE

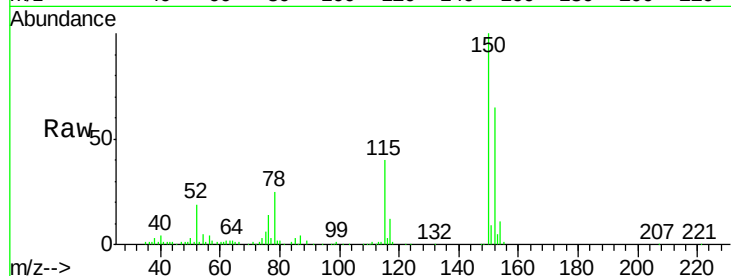
Tgt Ion:152 Resp: 95149

Ion Ratio Lower Upper

152 100

150 152.7 114.0 171.0

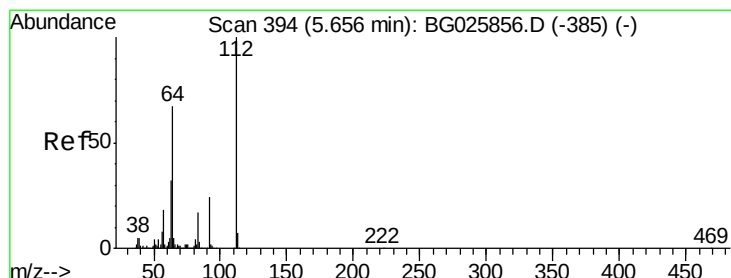
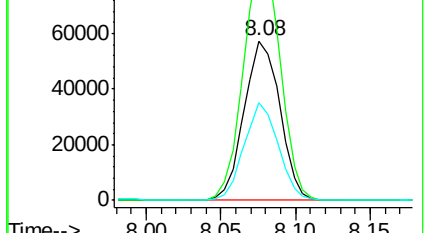
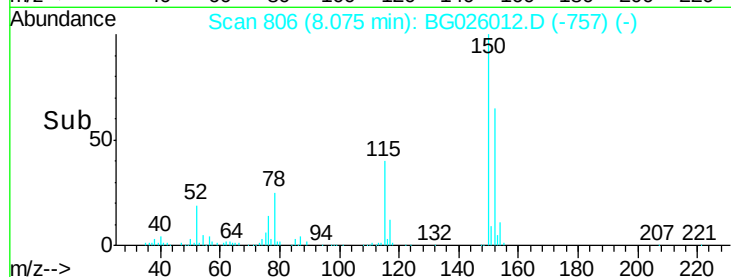
115 61.3 48.1 72.1



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: 145.44 ng

RT: 5.65 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG026012.D

Acq: 1 Mar 2017 1:04

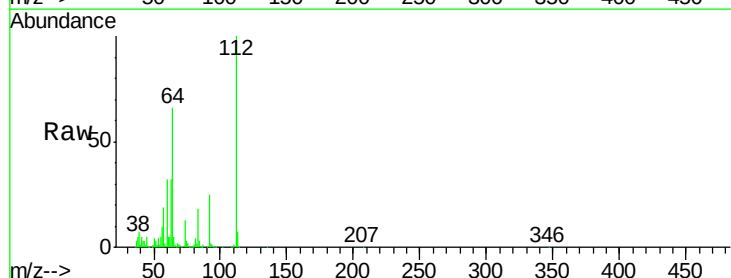
Tgt Ion:112 Resp: 794863

Ion Ratio Lower Upper

112 100

64 65.8 61.8 92.6

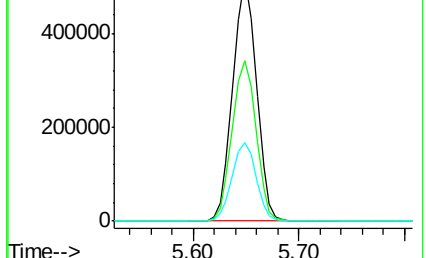
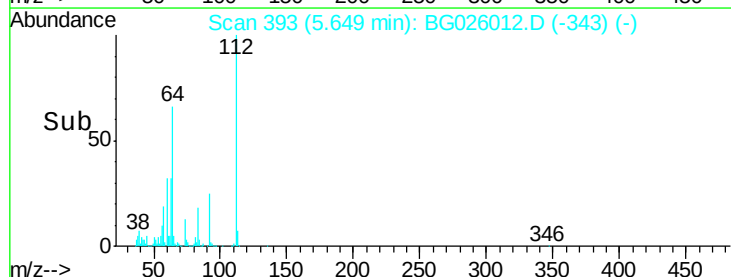
63 32.5 37.2 55.8#

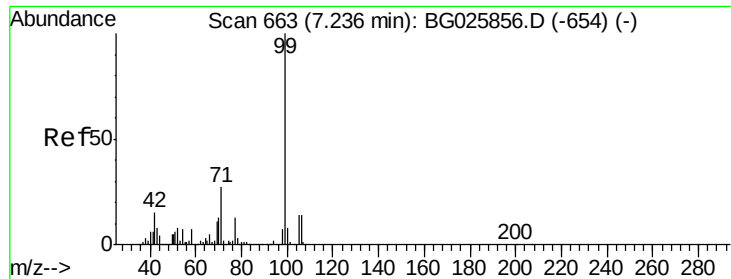


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 130.89 ng

RT: 7.24 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG026012.D

Acq: 1 Mar 2017 1:04

Instrument :

BNA_G

ClientSampleId :

PRESS-WASTE-WATER-CAKE

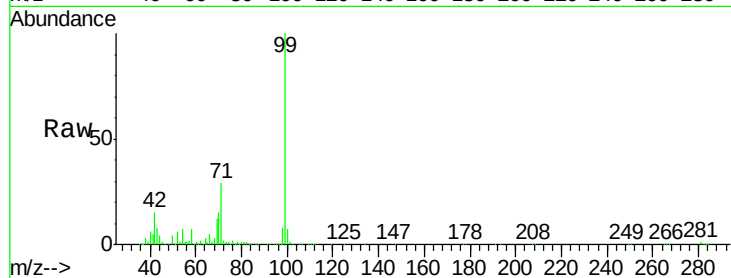
Tgt Ion: 99 Resp: 1058583

Ion Ratio Lower Upper

99 100

42 14.9 20.5 30.7#

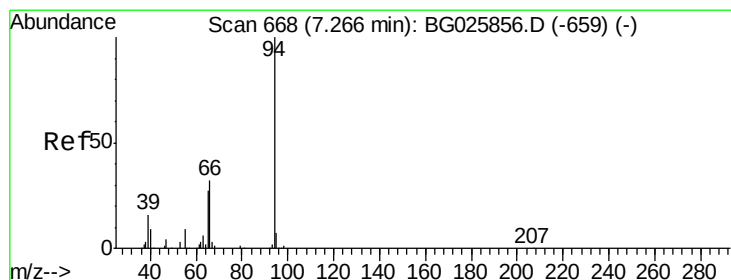
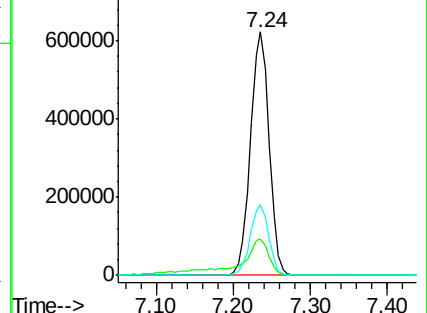
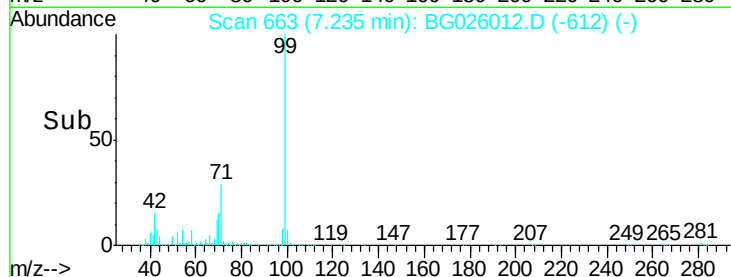
71 29.1 37.6 56.4#



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: 4.79 ng

RT: 7.26 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG026012.D

Acq: 1 Mar 2017 1:04

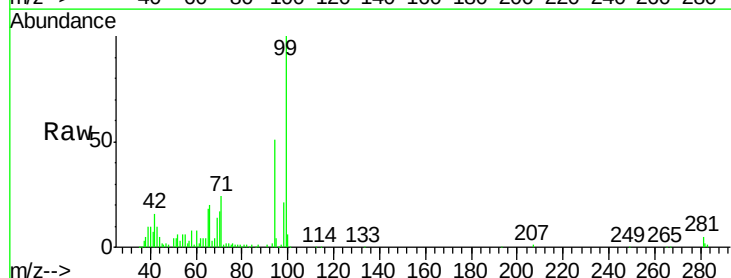
Tgt Ion: 94 Resp: 42095

Ion Ratio Lower Upper

94 100

65 35.6 20.6 60.6

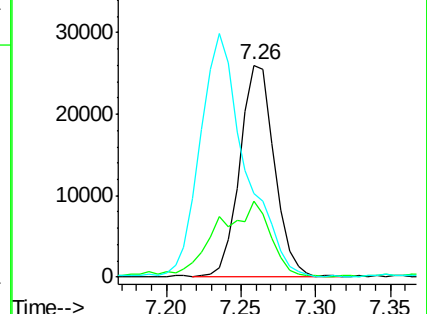
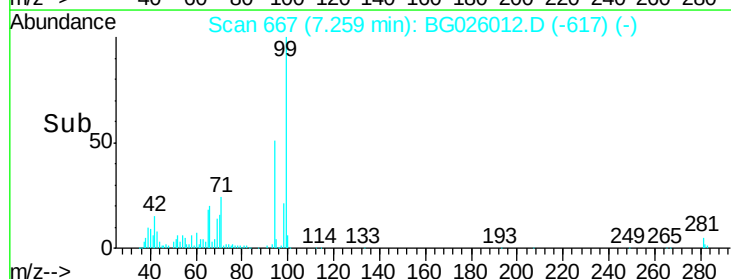
66 39.2 35.5 75.5

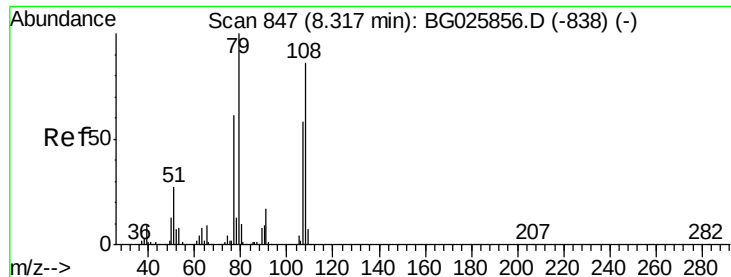


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 3.20 ng

RT: 8.30 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG026012.D

Acq: 1 Mar 2017 1:04

Instrument :

BNA_G

ClientSampleId :

PRESS-WASTE-WATER-CAKE

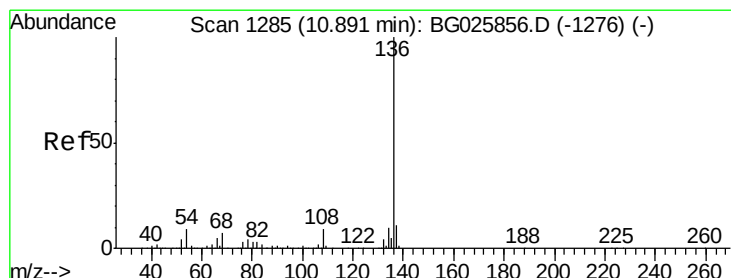
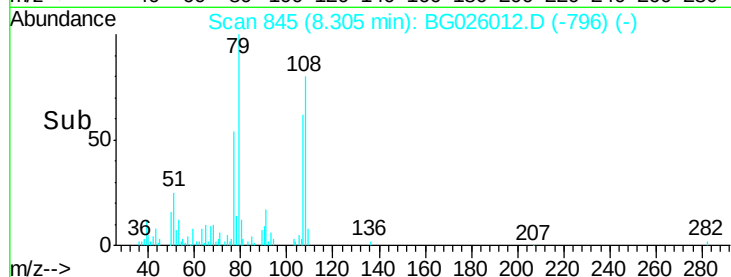
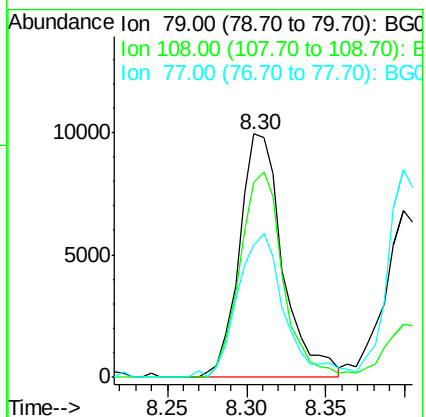
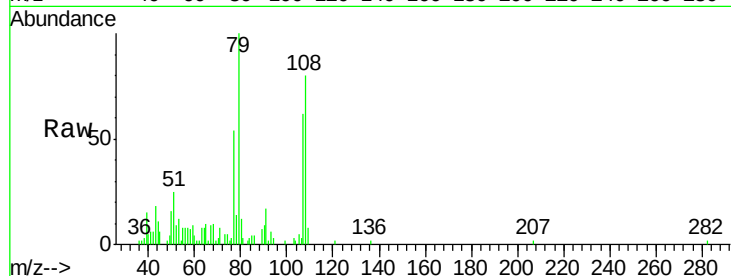
Tgt Ion: 79 Resp: 18922

Ion Ratio Lower Upper

79 100

108 79.8 45.5 68.3#

77 54.3 54.3 81.5#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG026012.D

Acq: 1 Mar 2017 1:04

Tgt Ion: 136 Resp: 445270

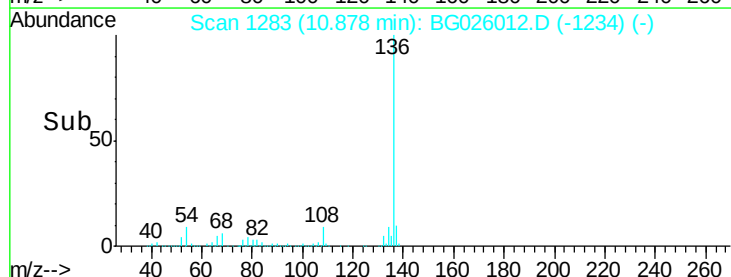
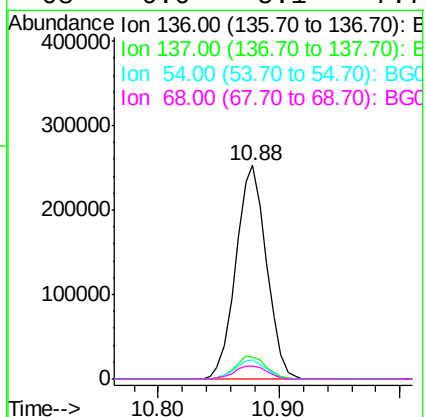
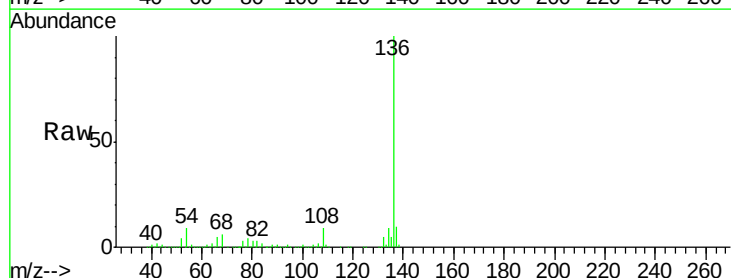
Ion Ratio Lower Upper

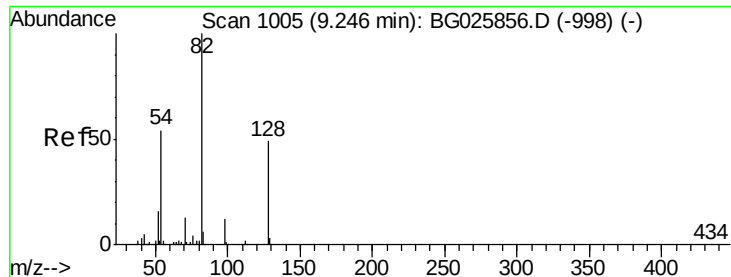
136 100

137 10.2 8.9 13.3

54 9.0 9.3 13.9#

68 6.0 5.1 7.7

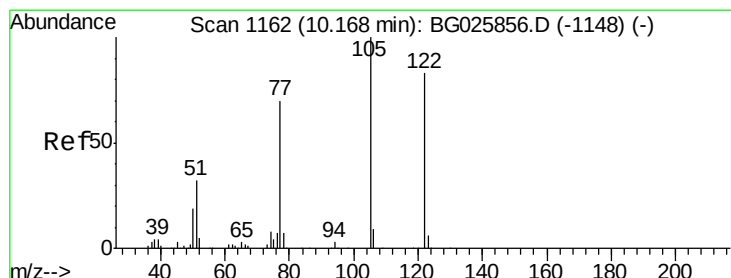
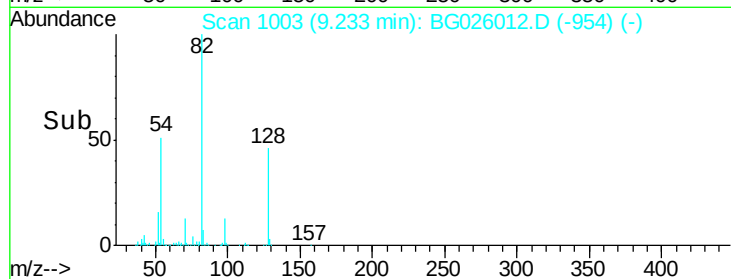
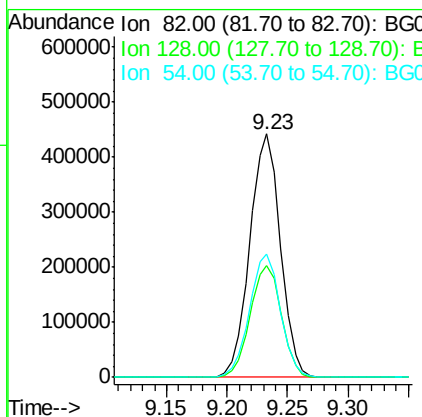
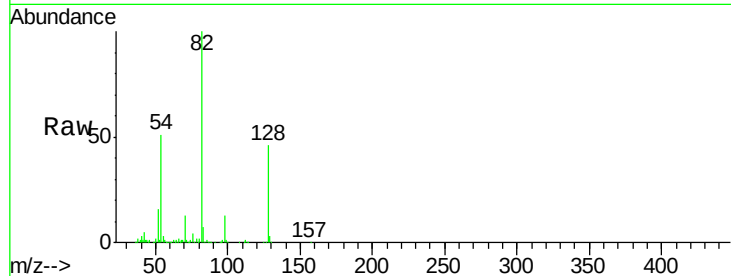




#23
 Nitrobenzene-d5
 Concen: 110.41 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG026012.D
 Acq: 1 Mar 2017 1:04

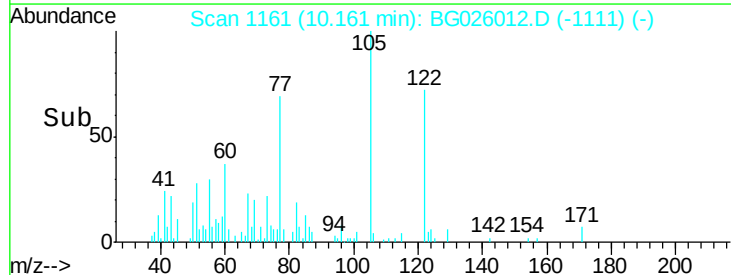
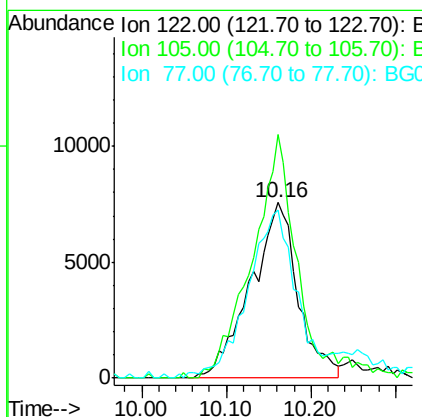
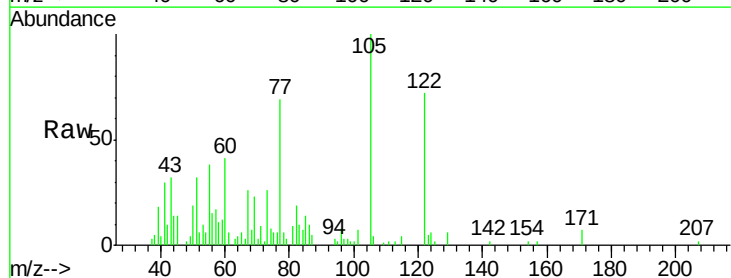
Instrument :
 BNA_G
 ClientSampleId :
 PRESS-WASTE-WATER-CAKE

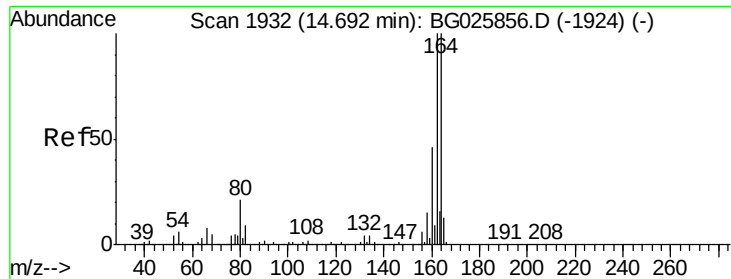
Tgt Ion: 82 Resp: 779030
 Ion Ratio Lower Upper
 82 100
 128 46.1 26.4 39.6#
 54 50.7 49.4 74.2



#32
 Benzoic acid
 Concen: 5.76 ng
 RT: 10.16 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BG026012.D
 Acq: 1 Mar 2017 1:04

Tgt Ion: 122 Resp: 29288
 Ion Ratio Lower Upper
 122 100
 105 138.8 120.1 160.1
 77 95.6 104.6 144.6#

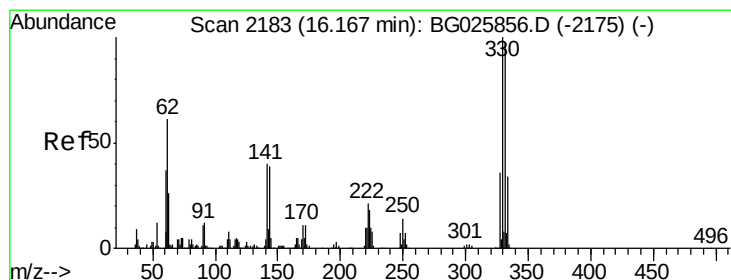
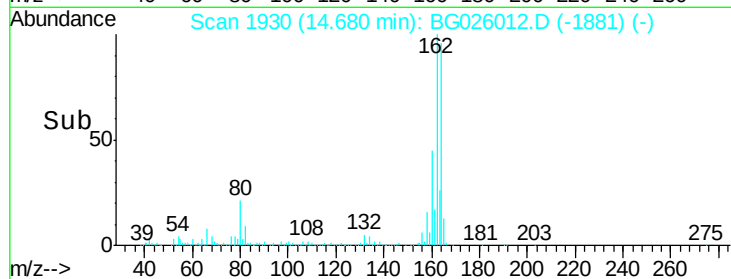
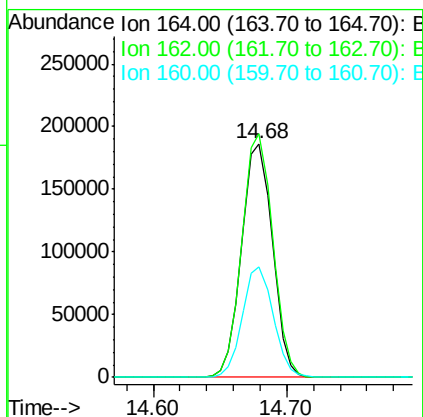
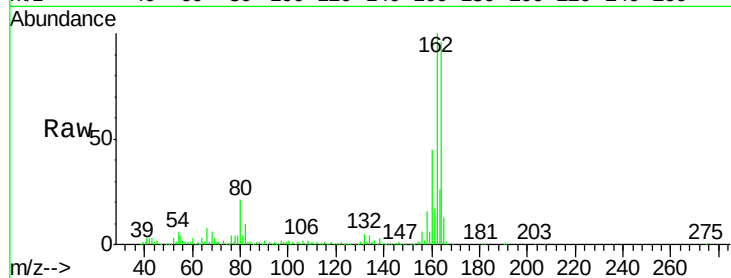




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BG026012.D
Acq: 1 Mar 2017 1:04

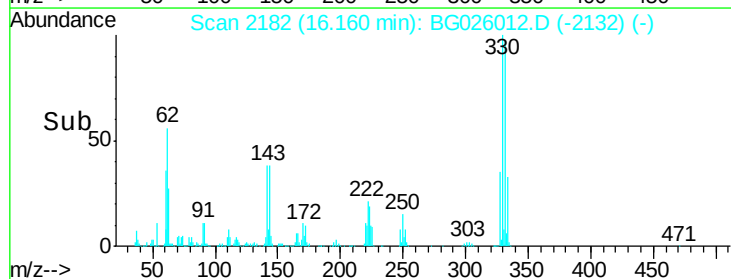
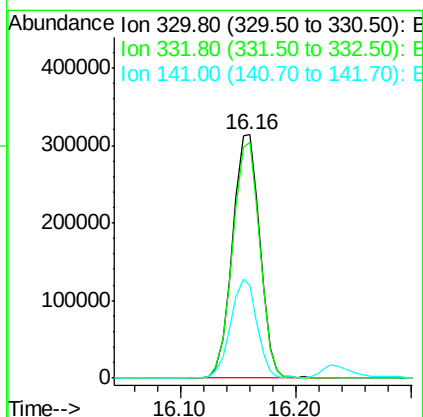
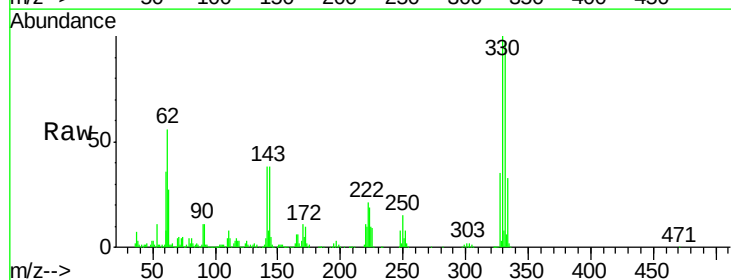
Instrument :
BNA_G
ClientSampleId :
PRESS-WASTE-WATER-CAKE

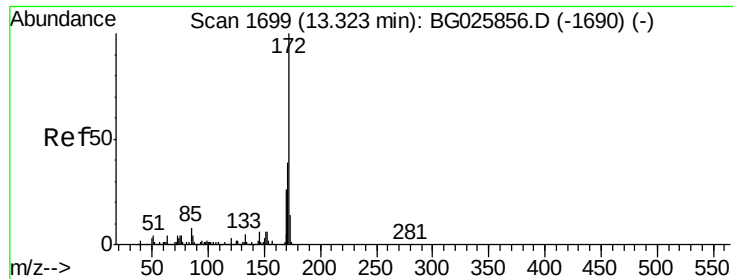
Tgt Ion:164 Resp: 299003
Ion Ratio Lower Upper
164 100
162 104.1 85.1 127.7
160 47.0 34.7 52.1



#41
2,4,6-Tribromophenol
Concen: 186.00 ng
RT: 16.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG026012.D
Acq: 1 Mar 2017 1:04

Tgt Ion:330 Resp: 513829
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 39.3 32.1 48.1

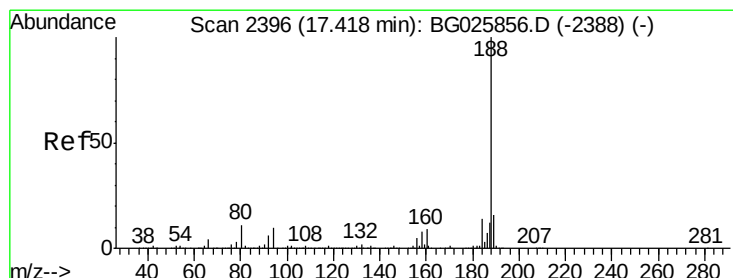
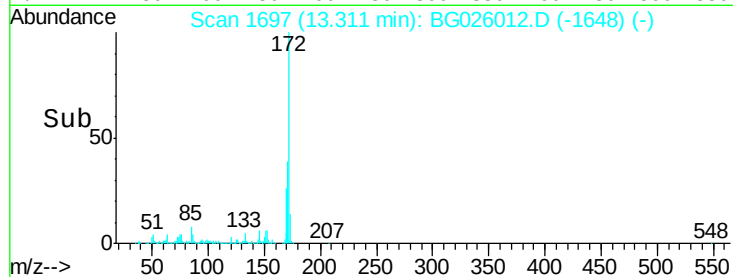
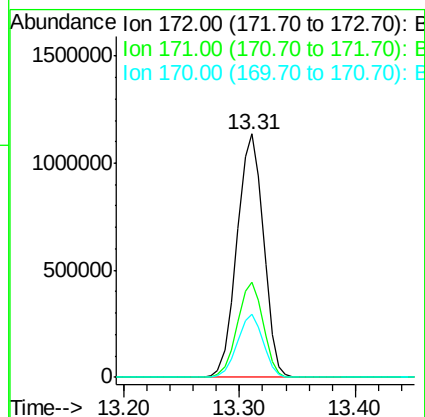
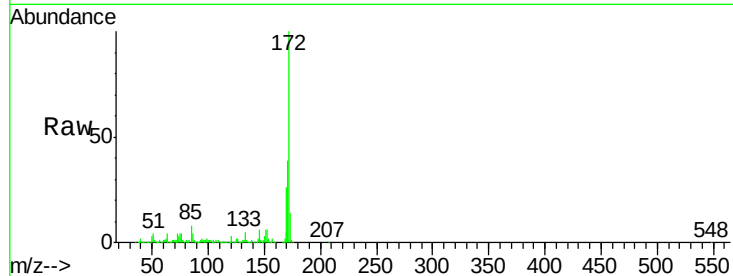




#44
2-Fluorobiphenyl
Concen: 105.40 ng
RT: 13.31 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG026012.D
Acq: 1 Mar 2017 1:04

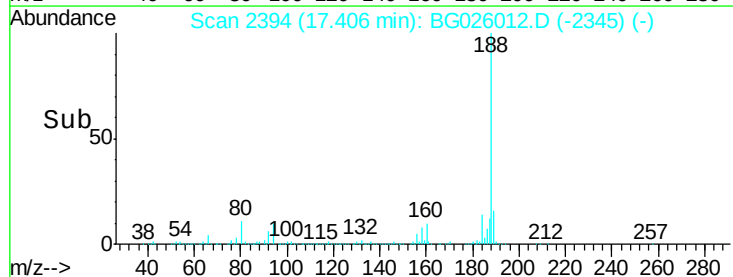
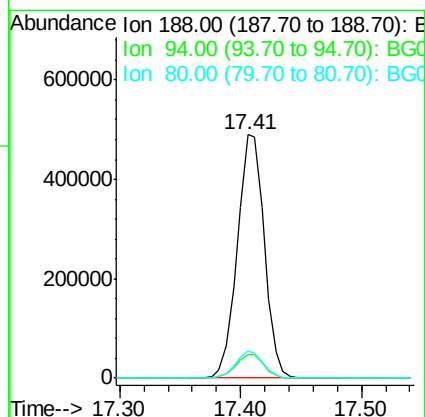
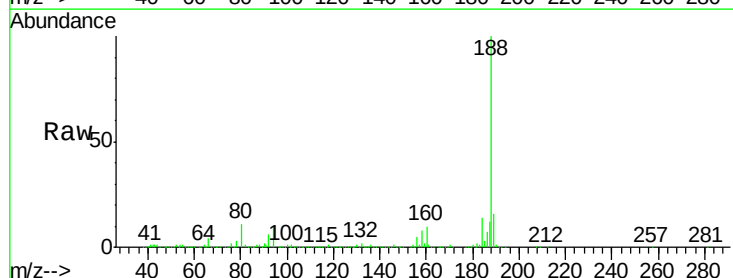
Instrument :
BNA_G
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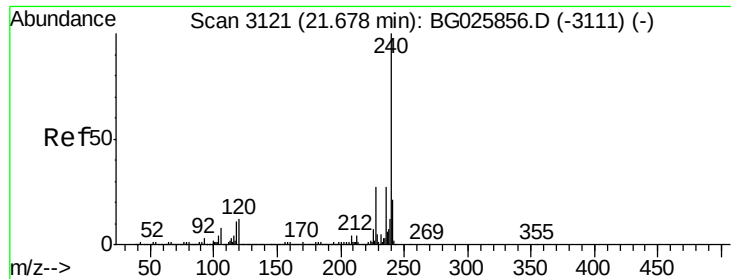
Tgt Ion:172 Resp: 1803517
Ion Ratio Lower Upper
172 100
171 39.3 32.2 48.2
170 26.0 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BG026012.D
Acq: 1 Mar 2017 1:04

Tgt Ion:188 Resp: 761921
Ion Ratio Lower Upper
188 100
94 9.7 5.8 8.8#
80 11.2 7.5 11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.65 min Scan# 3117

Delta R.T. -0.02 min

Lab File: BG026012.D

Acq: 1 Mar 2017 1:04

Instrument :

BNA_G

ClientSampleId :

PRESS-WASTE-WATER-CAKE

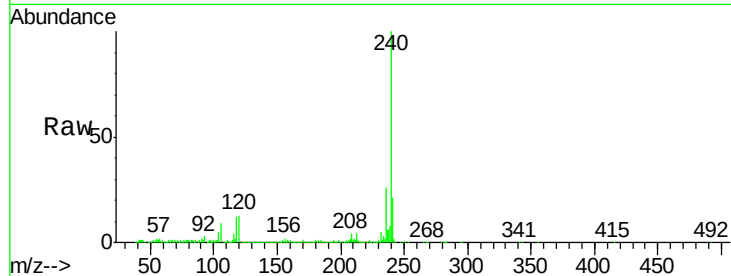
Tgt Ion:240 Resp: 771581

Ion Ratio Lower Upper

240 100

120 12.7 5.7 8.5#

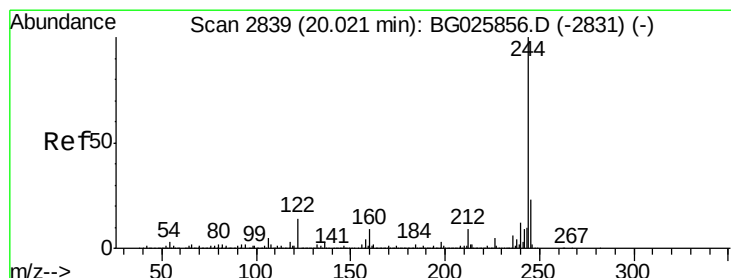
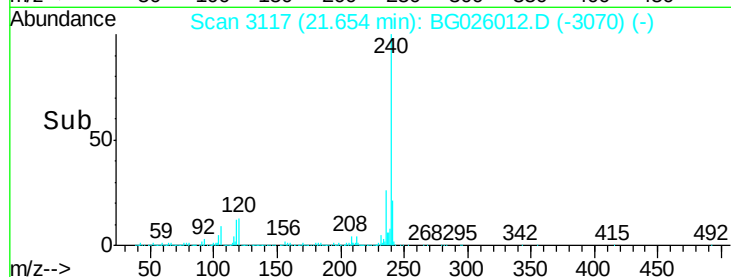
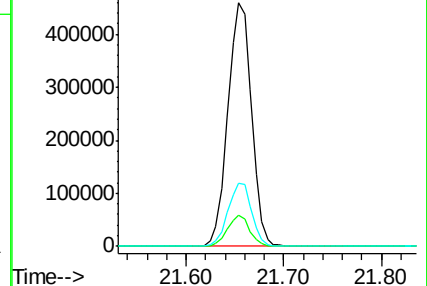
236 26.2 22.2 33.4



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: 65.30 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG026012.D

Acq: 1 Mar 2017 1:04

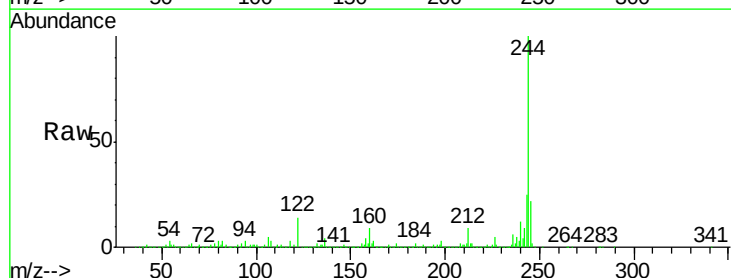
Tgt Ion:244 Resp: 2071598

Ion Ratio Lower Upper

244 100

212 9.0 10.0 15.0#

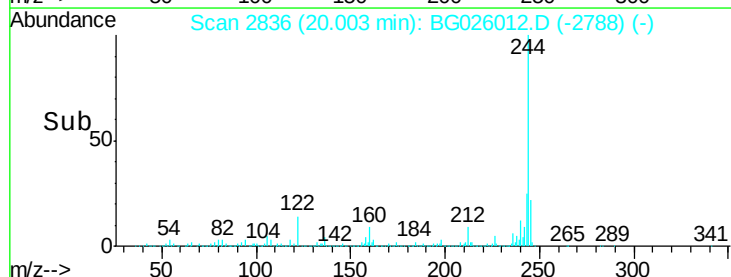
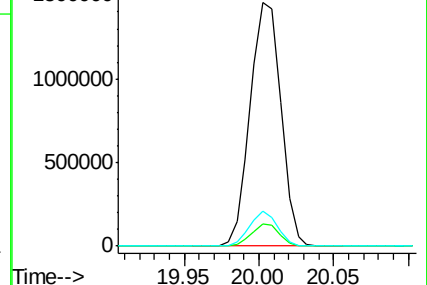
122 14.2 8.6 12.8#

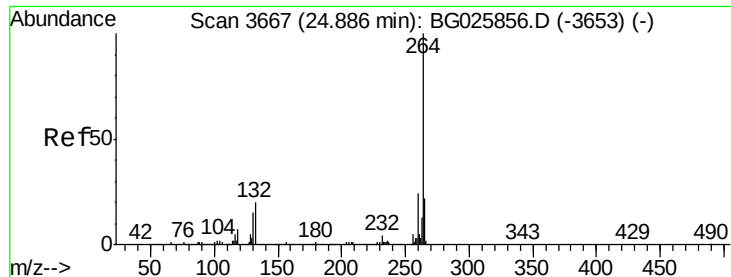


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.86 min Scan# 3662
Delta R.T. -0.03 min
Lab File: BG026012.D
Acq: 1 Mar 2017 1:04

Instrument :
BNA_G
ClientSampleId :
PRESS-WASTE-WATER-CAKE

Tgt Ion: 264 Resp: 698818
Ion Ratio Lower Upper
264 100
260 24.0 21.8 32.8
265 22.7 18.2 27.4

