

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
 Data File : BG025958.D
 Acq On : 25 Feb 2017 8:19
 Operator : SJ/MA
 Sample : I1970-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 022317-PRRT-F-U-M

Quant Time: Feb 26 23:34:46 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 15:48:21 2017
 Response via : Initial Calibration

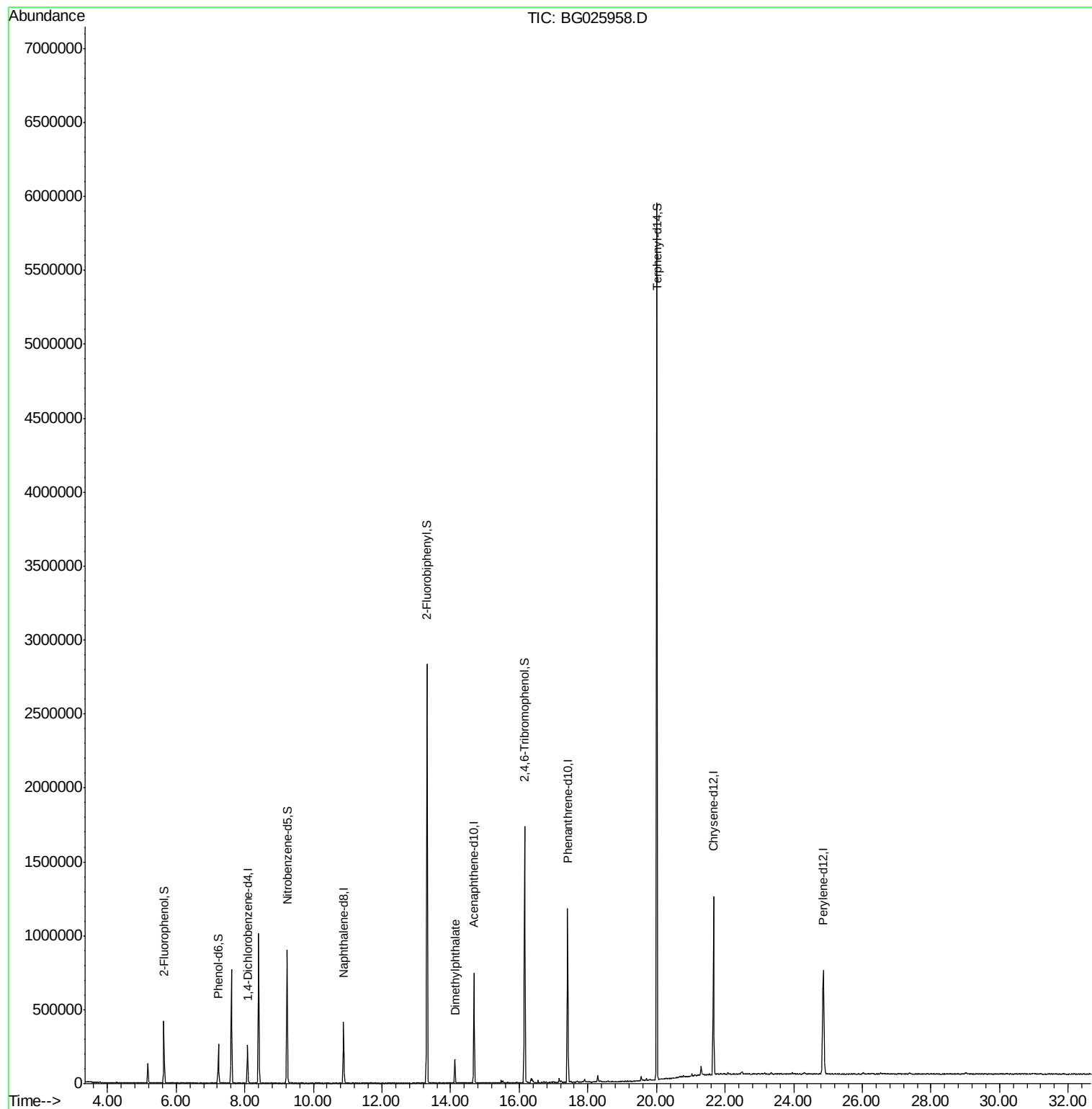
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	78167	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	367210	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	258106	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	718786	20.00	ng	0.00
75) Chrysene-d12	21.66	240	752058	20.00	ng	-0.02
86) Perylene-d12	24.86	264	723915	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	193142	43.02	ng	0.00
7) Phenol-d6	7.23	99	169998	25.59	ng	0.00
23) Nitrobenzene-d5	9.23	82	541126	93.00	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	318486	133.56	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1509204	102.17	ng	-0.01
78) Terphenyl-d14	20.01	244	2457772	79.48	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.13	163	110050	6.21	ng	Qvalue 97

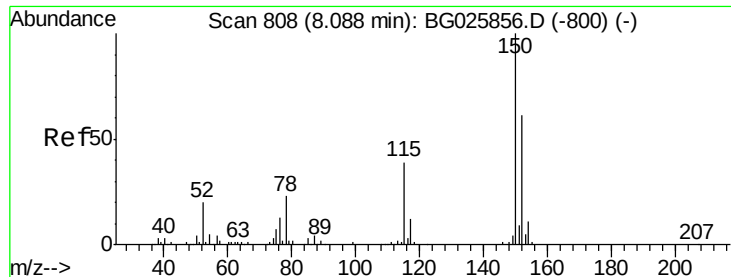
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 26 23:34:46 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 807

Delta R.T. -0.01 min

Lab File: BG025958.D

Acq: 25 Feb 2017 8:19

Instrument :

BNA_G

ClientSampleId :

022317-PRRT-F-U-M

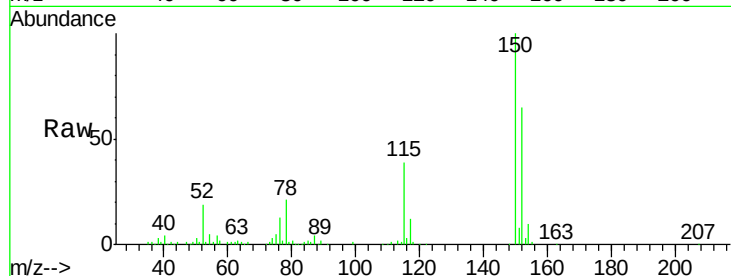
Tgt Ion:152 Resp: 78167

Ion Ratio Lower Upper

152 100

150 154.9 114.0 171.0

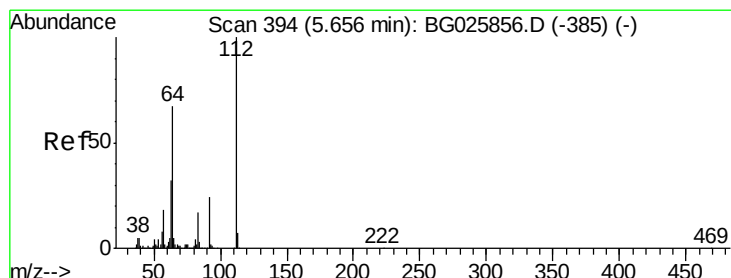
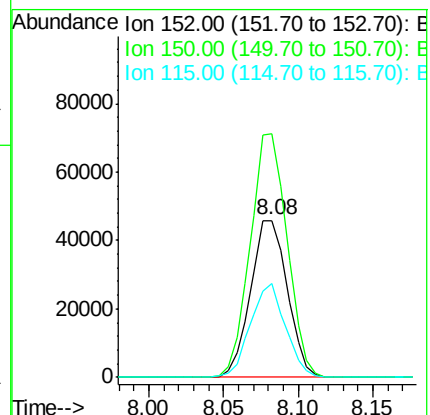
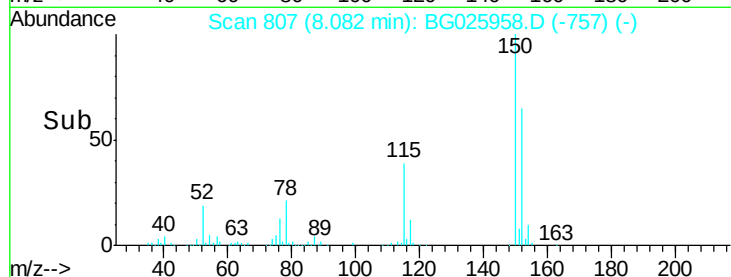
115 60.1 48.1 72.1



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: 43.02 ng

RT: 5.65 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG025958.D

Acq: 25 Feb 2017 8:19

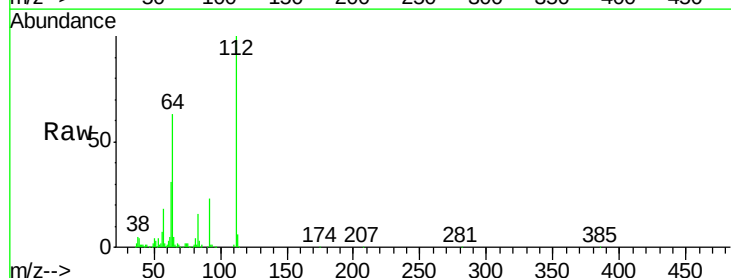
Tgt Ion:112 Resp: 193142

Ion Ratio Lower Upper

112 100

64 63.1 61.8 92.6

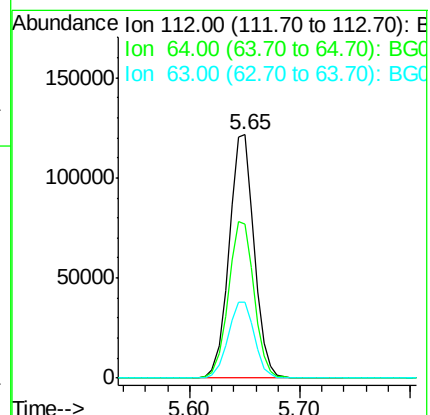
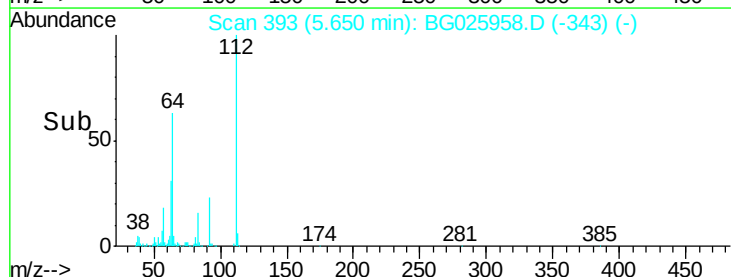
63 31.0 37.2 55.8#

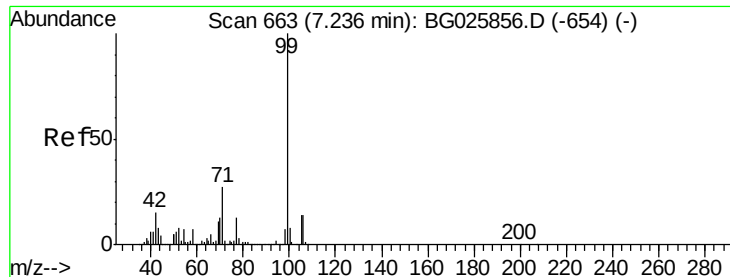


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 25.59 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG025958.D

Acq: 25 Feb 2017 8:19

Instrument :

BNA_G

ClientSampleId :

022317-PRRT-F-U-M

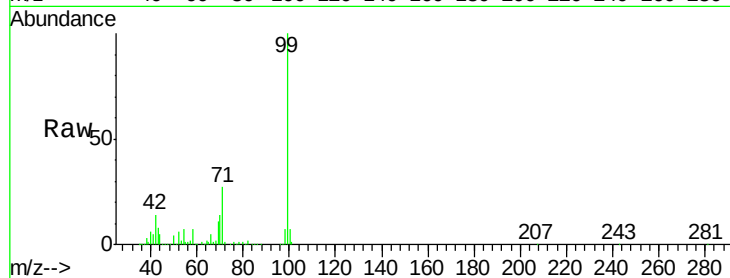
Tgt Ion: 99 Resp: 169998

Ion Ratio Lower Upper

99 100

42 14.2 20.5 30.7#

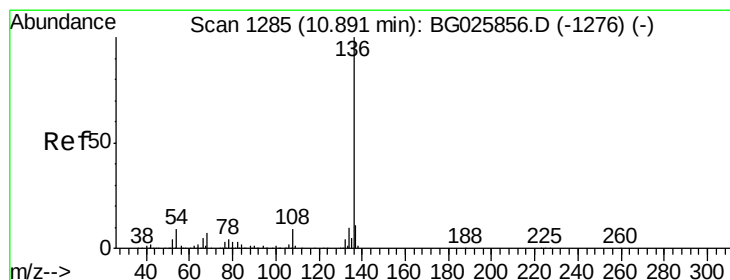
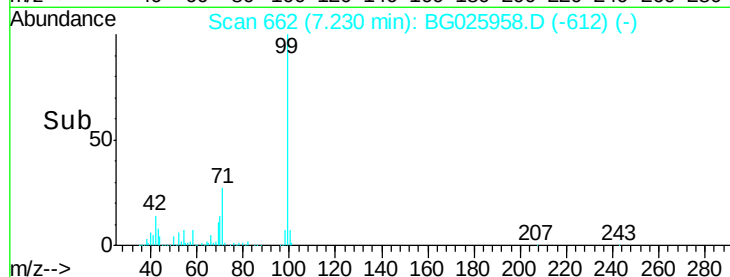
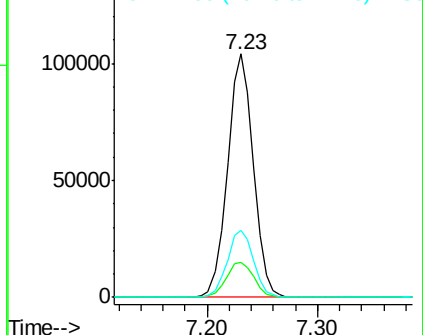
71 27.5 37.6 56.4#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG025958.D

Acq: 25 Feb 2017 8:19

Tgt Ion: 136 Resp: 367210

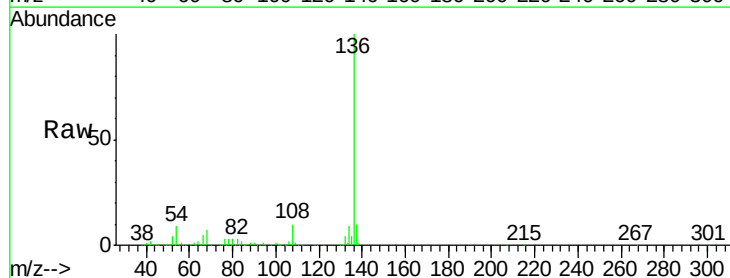
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 8.9 9.3 13.9#

68 6.6 5.1 7.7

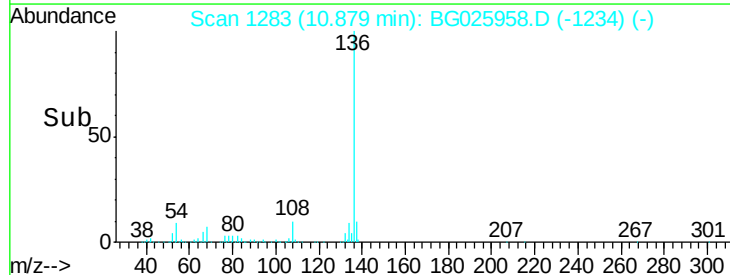
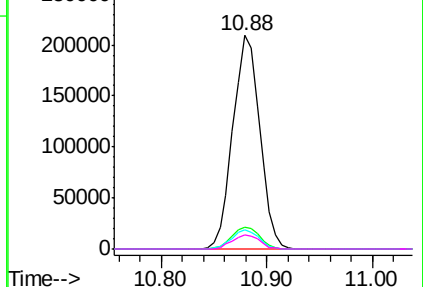


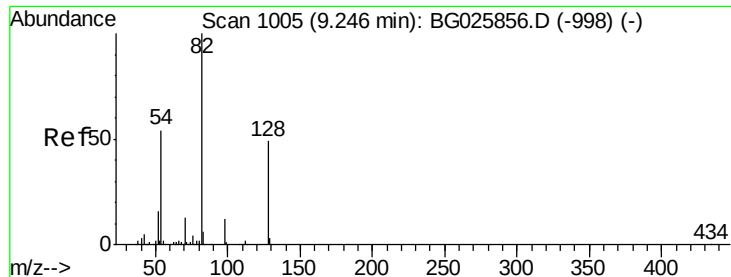
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

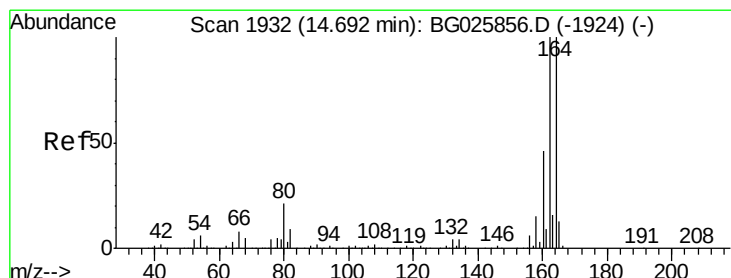
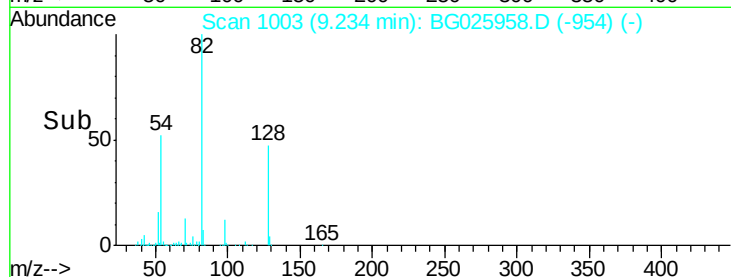
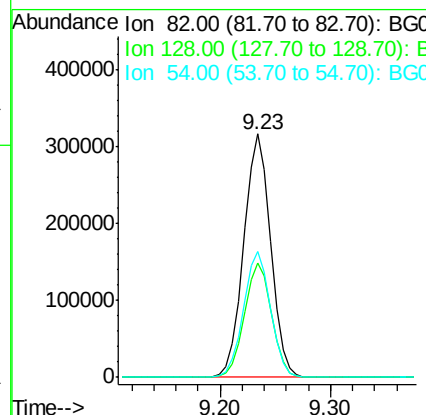
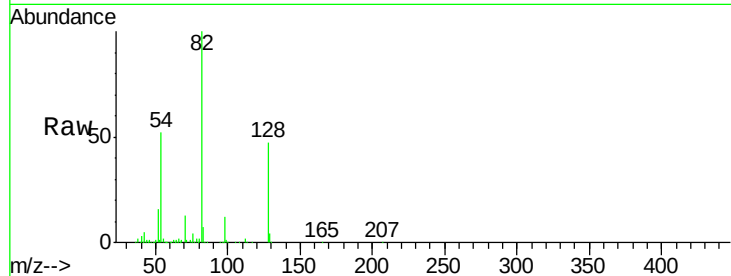




#23
 Nitrobenzene-d5
 Concen: 93.00 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG025958.D
 Acq: 25 Feb 2017 8:19

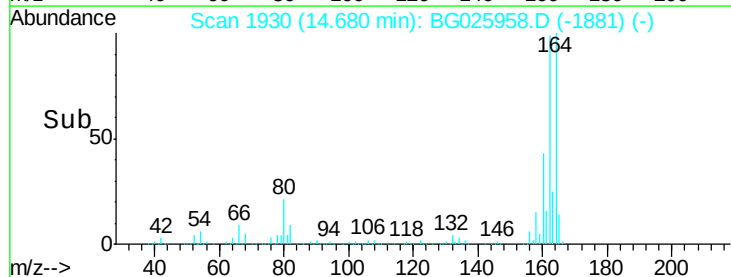
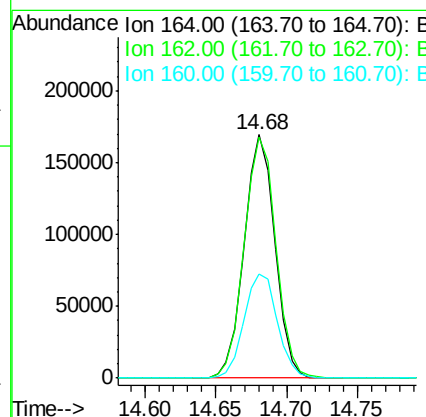
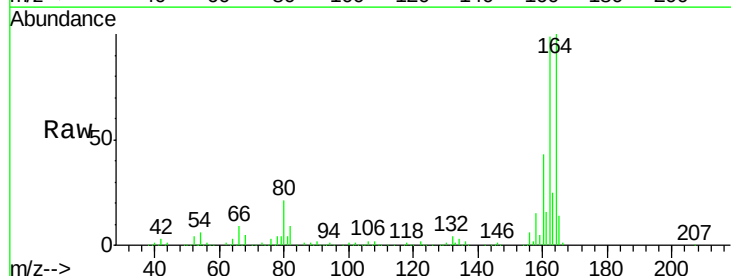
Instrument :
 BNA_G
 ClientSampleId :
 022317-PRRT-F-U-M

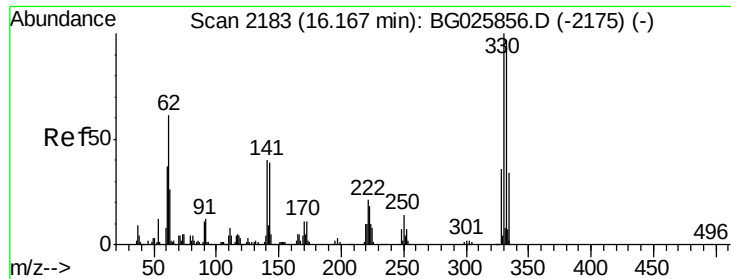
Tgt Ion: 82 Resp: 541126
 Ion Ratio Lower Upper
 82 100
 128 47.1 26.4 39.6#
 54 51.8 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BG025958.D
 Acq: 25 Feb 2017 8:19

Tgt Ion: 164 Resp: 258106
 Ion Ratio Lower Upper
 164 100
 162 99.1 85.1 127.7
 160 42.9 34.7 52.1

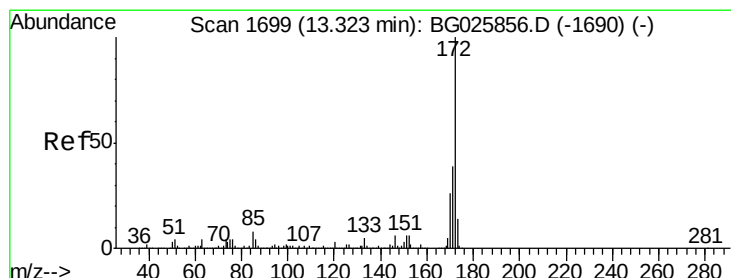
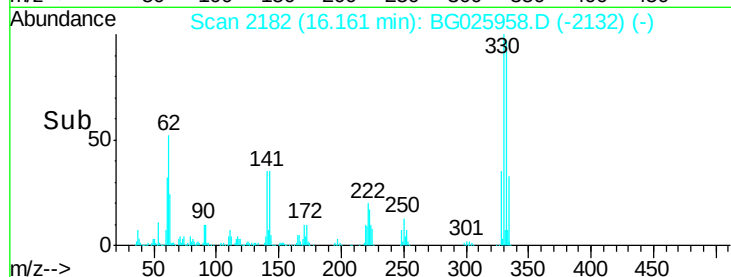
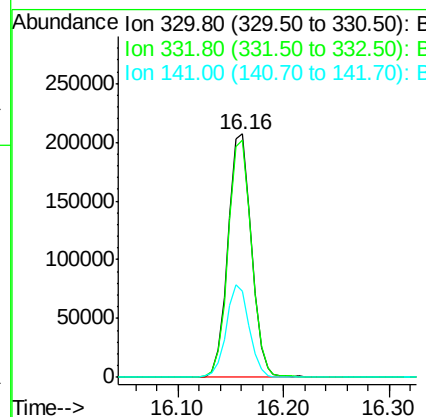
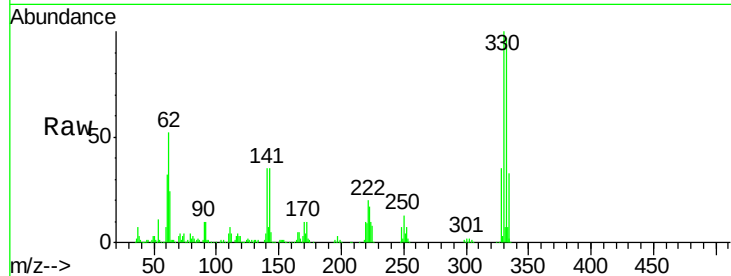




#41
2,4,6-Tribromophenol
Concen: 133.56 ng
RT: 16.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG025958.D
Acq: 25 Feb 2017 8:19

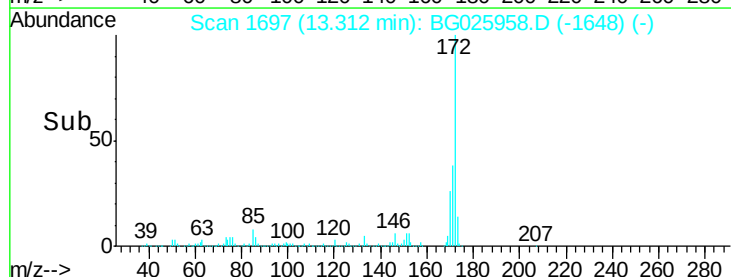
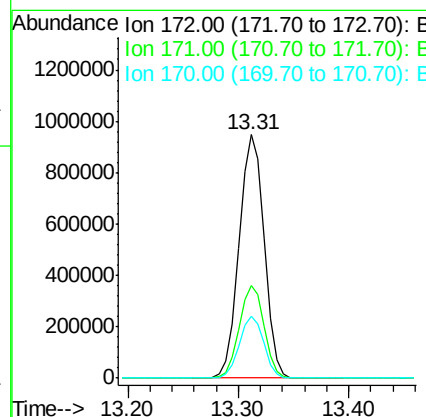
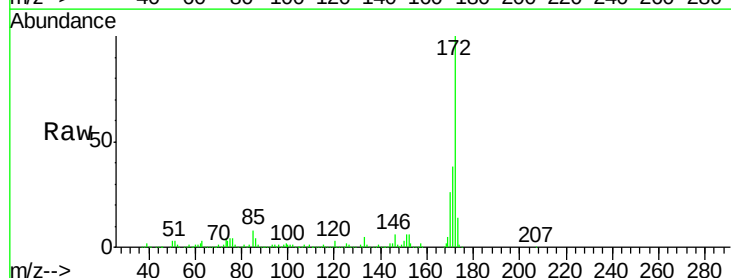
Instrument :
BNA_G
ClientSampleId :
022317-PRRT-F-U-M

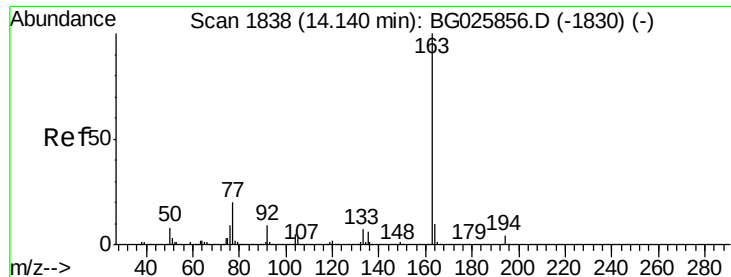
Tgt Ion:330 Resp: 318486
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 37.3 32.1 48.1



#44
2-Fluorobiphenyl
Concen: 102.17 ng
RT: 13.31 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG025958.D
Acq: 25 Feb 2017 8:19

Tgt Ion:172 Resp: 1509204
Ion Ratio Lower Upper
172 100
171 38.2 32.2 48.2
170 25.6 21.8 32.6





#49

Dimethylphthalate

Concen: 6.21 ng

RT: 14.13 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BG025958.D

Acq: 25 Feb 2017 8:19

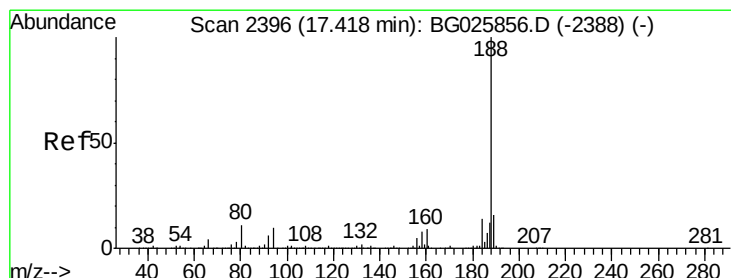
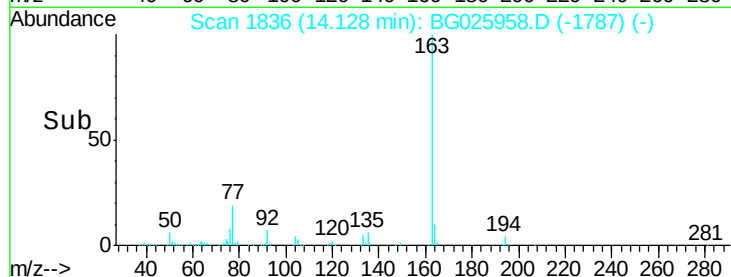
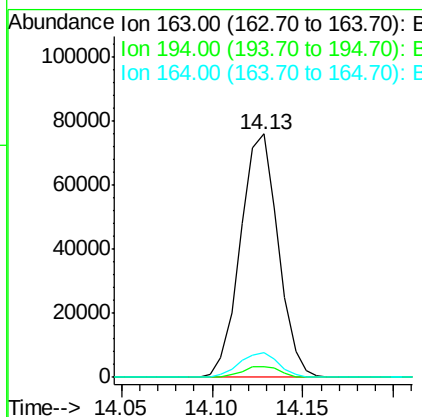
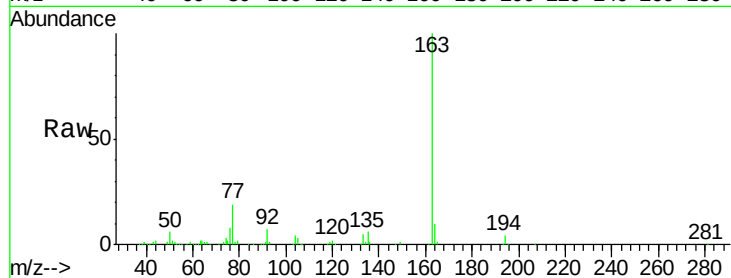
Instrument :

BNA_G

ClientSampleId :

022317-PRRT-F-U-M

Tgt Ion:	163	Resp:	110050
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.8	5.6
164	10.0	9.3	13.9



#63

Phenanthrene-d10

Concen: 20.00 ng

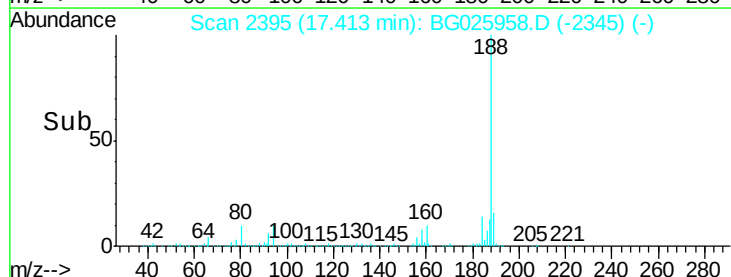
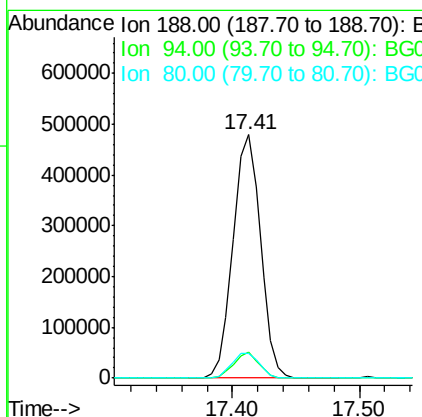
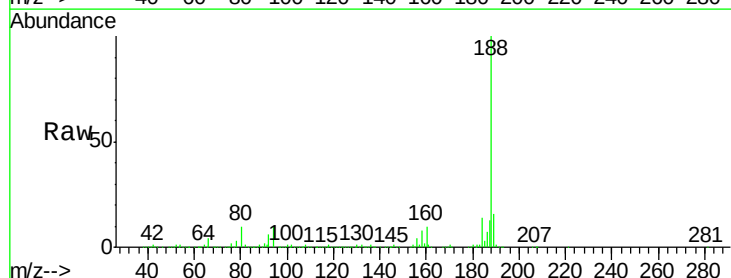
RT: 17.41 min Scan# 2395

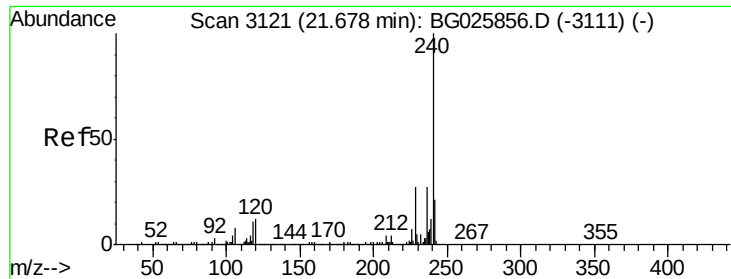
Delta R.T. -0.01 min

Lab File: BG025958.D

Acq: 25 Feb 2017 8:19

Tgt Ion:	188	Resp:	718786
Ion Ratio	Lower	Upper	
188	100		
94	10.5	5.8	8.8#
80	10.1	7.5	11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.66 min Scan# 3118

Delta R.T. -0.02 min

Lab File: BG025958.D

Acq: 25 Feb 2017 8:19

Instrument :

BNA_G

ClientSampleId :

022317-PRRT-F-U-M

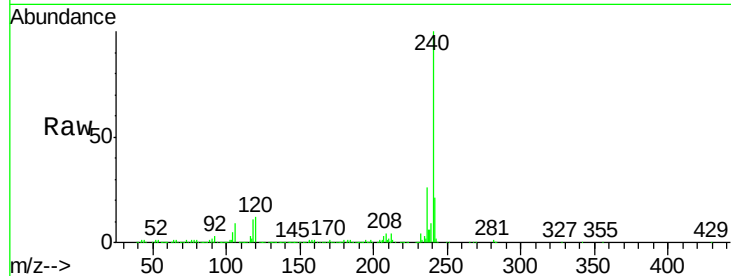
Tgt Ion:240 Resp: 752058

Ion Ratio Lower Upper

240 100

120 11.7 5.7 8.5#

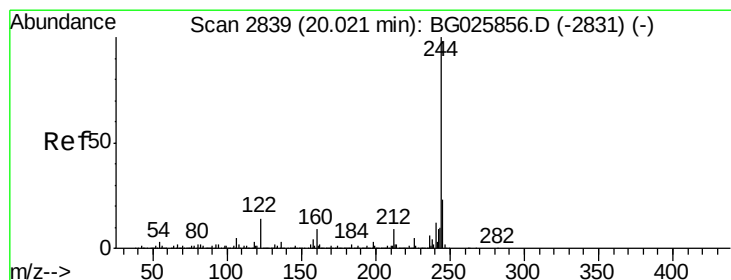
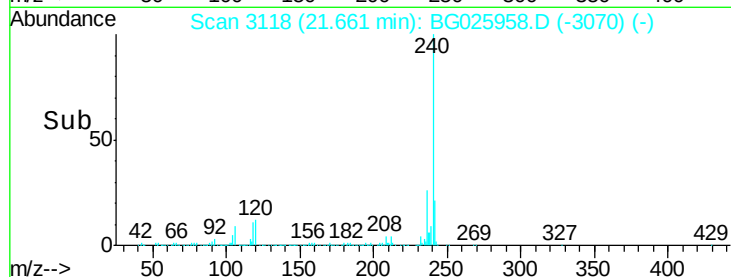
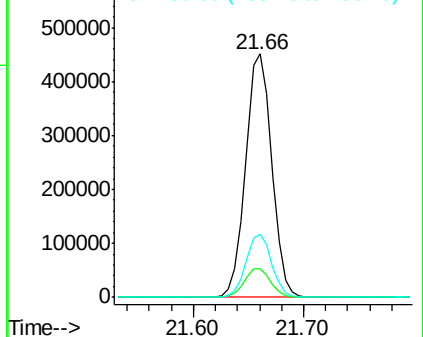
236 25.9 22.2 33.4



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: 79.48 ng

RT: 20.01 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BG025958.D

Acq: 25 Feb 2017 8:19

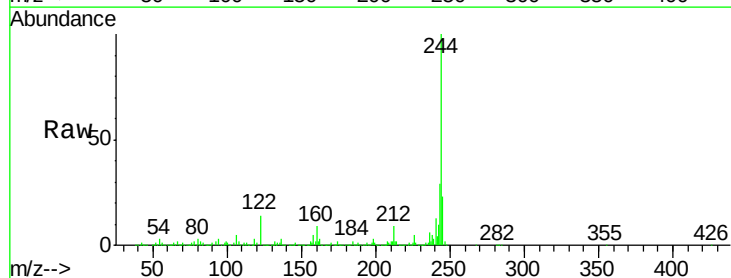
Tgt Ion:244 Resp: 2457772

Ion Ratio Lower Upper

244 100

212 9.1 10.0 15.0#

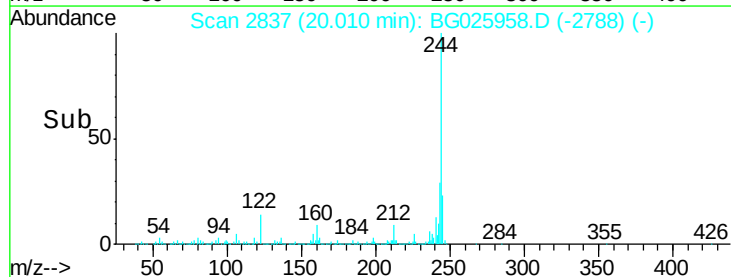
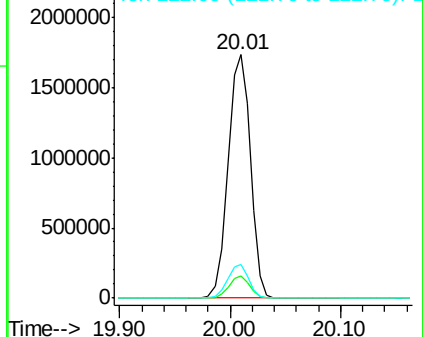
122 14.0 8.6 12.8#

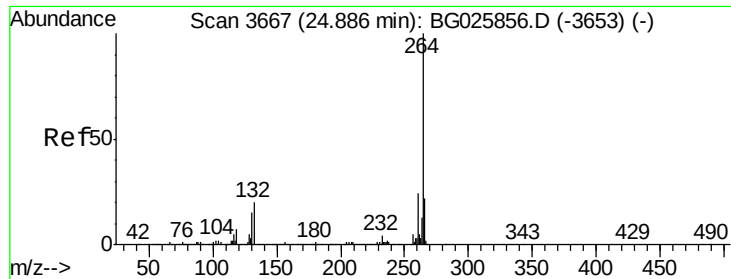


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

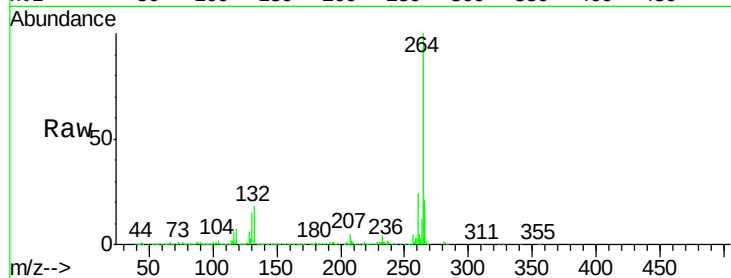




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.86 min Scan# 3663
Delta R.T. -0.02 min
Lab File: BG025958.D
Acq: 25 Feb 2017 8:19

Instrument :
BNA_G
ClientSampleId :
022317-PRRT-F-U-M

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.8	32.8
265	21.4	18.2	27.4



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

