

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
 Data File : BG025957.D
 Acq On : 25 Feb 2017 7:39
 Operator : SJ/MA
 Sample : I1970-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Feb 26 23:34:35 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

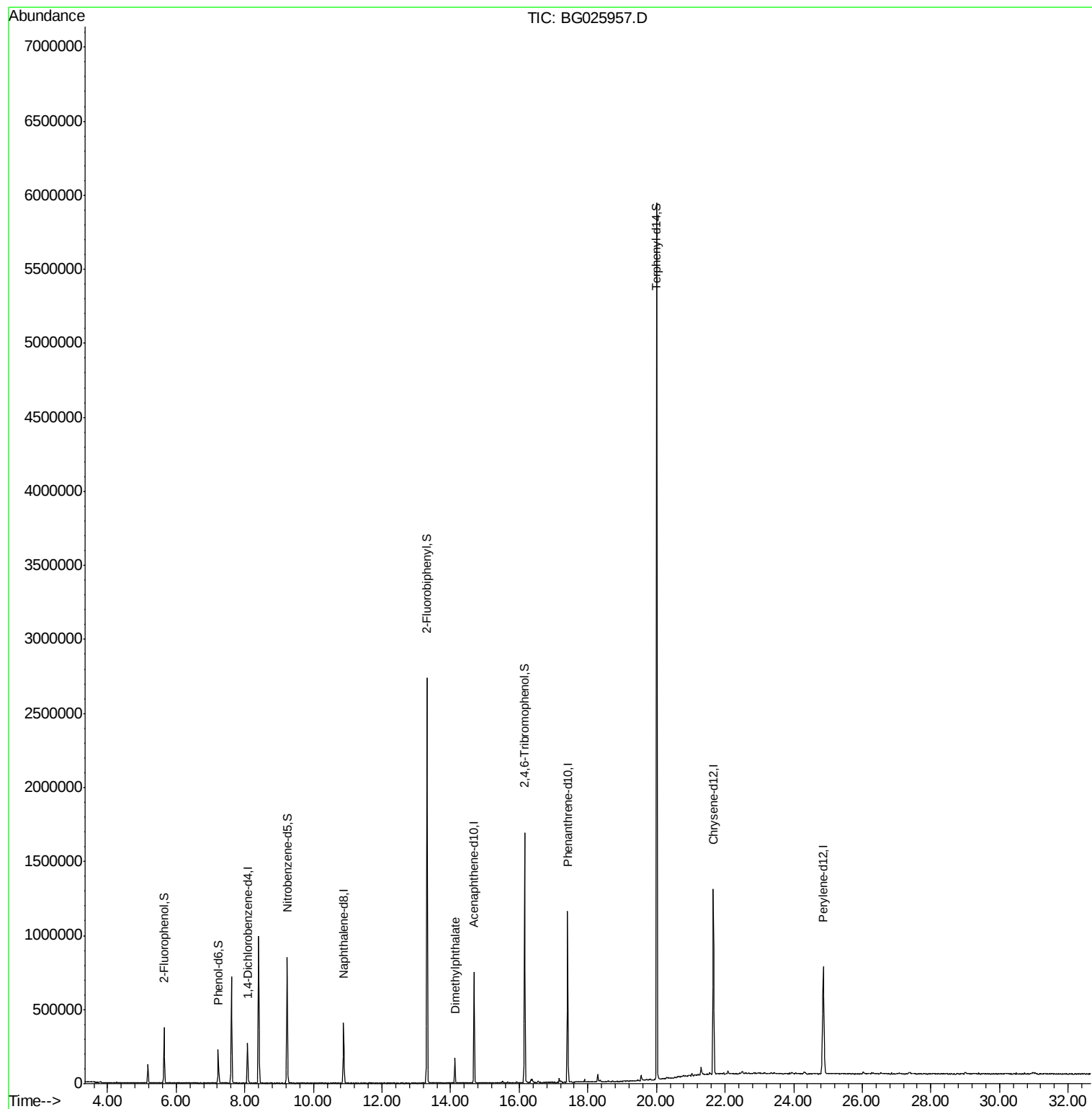
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	78454	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	373229	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	256947	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	726199	20.00	ng	0.00
75) Chrysene-d12	21.66	240	771959	20.00	ng	-0.02
86) Perylene-d12	24.87	264	745484	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	167882	37.26	ng	0.00
7) Phenol-d6	7.23	99	143692	21.55	ng	0.00
23) Nitrobenzene-d5	9.23	82	528389	89.34	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	311905	131.39	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1497025	101.81	ng	0.00
78) Terphenyl-d14	20.01	244	2486970	78.35	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.13	163	115788	6.57	ng	Qvalue 96

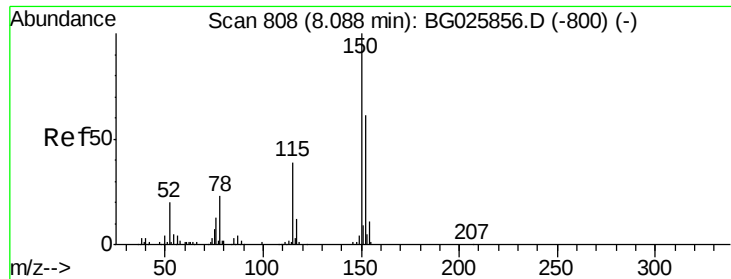
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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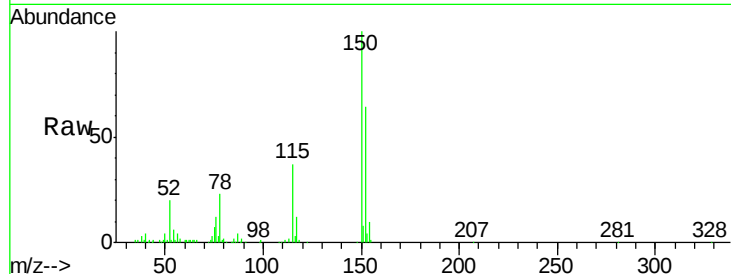


#1

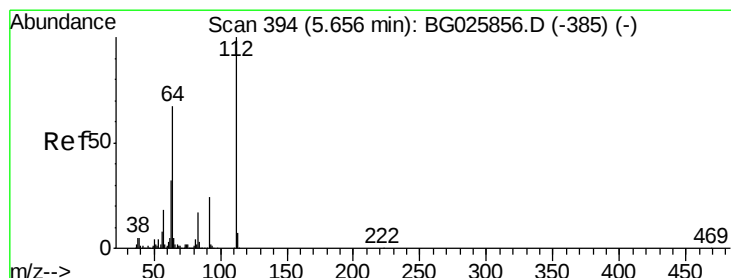
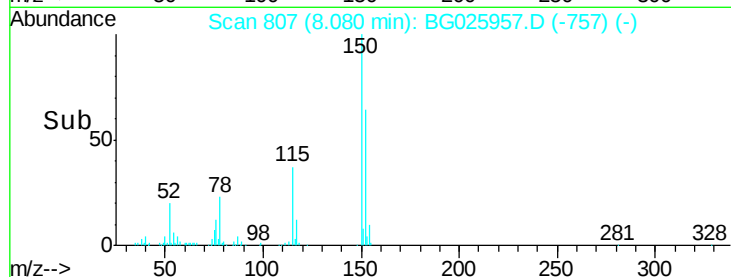
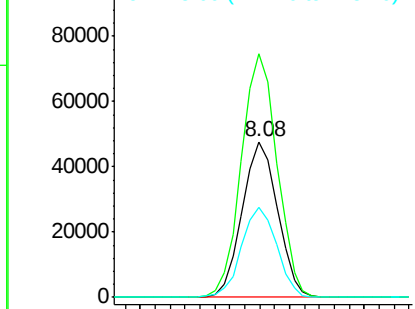
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG025957.D
Acq: 25 Feb 2017 7:39

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

Tgt Ion:152 Resp: 78454
Ion Ratio Lower Upper
152 100
150 156.7 114.0 171.0
115 58.3 48.1 72.1



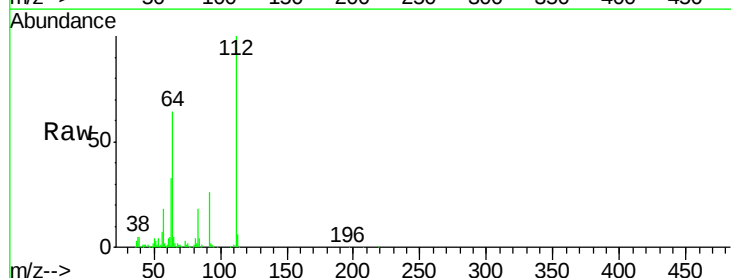
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



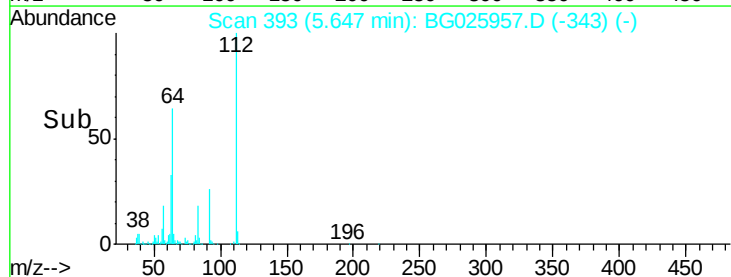
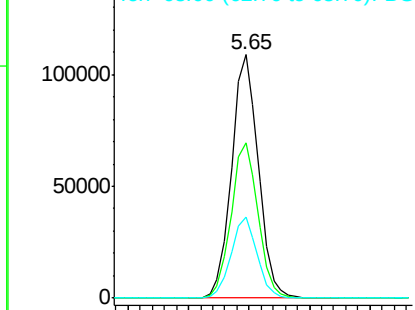
#5

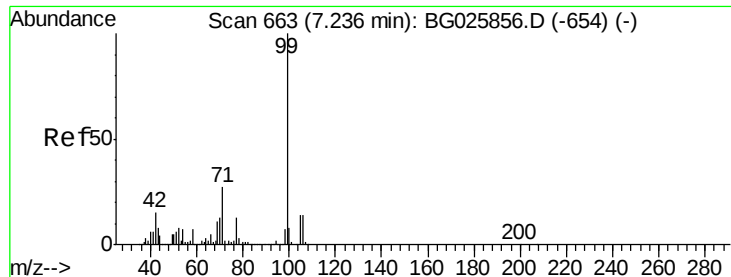
2-Fluorophenol
Concen: 37.26 ng
RT: 5.65 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG025957.D
Acq: 25 Feb 2017 7:39

Tgt Ion:112 Resp: 167882
Ion Ratio Lower Upper
112 100
64 63.8 61.8 92.6
63 33.4 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: 21.55 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG025957.D

Acq: 25 Feb 2017 7:39

Instrument :

BNA_G

ClientSampleId :

022317-PRRT-F-D-M

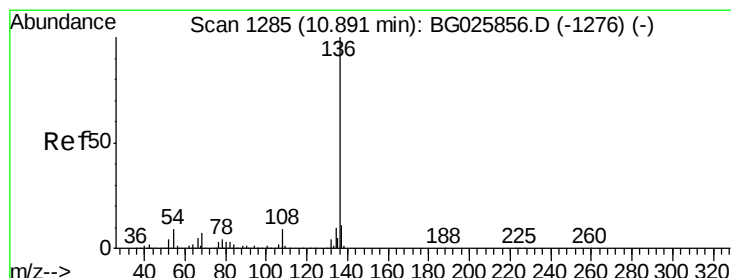
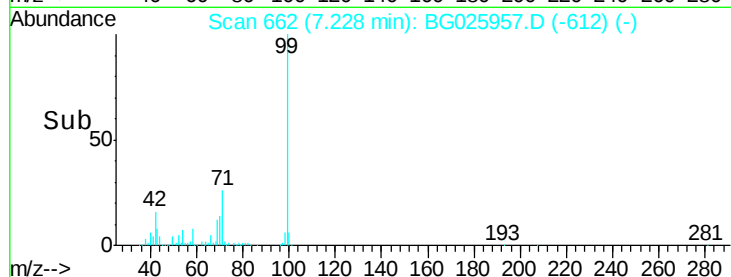
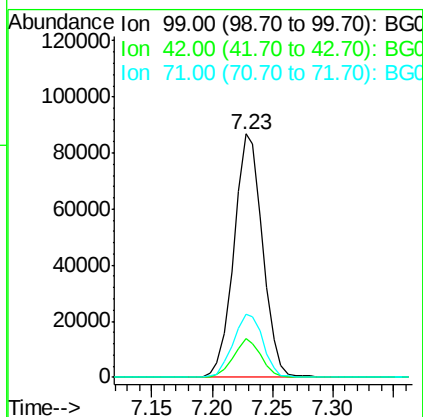
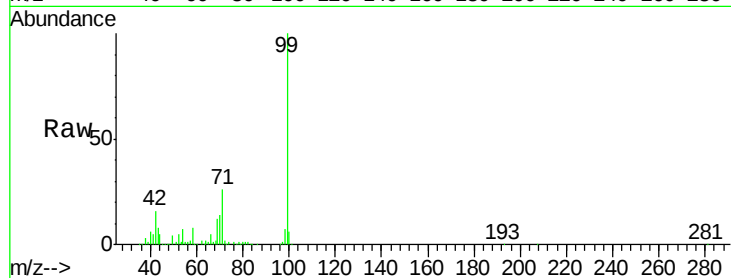
Tgt Ion: 99 Resp: 143692

Ion Ratio Lower Upper

99 100

42 16.1 20.5 30.7#

71 26.0 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BG025957.D

Acq: 25 Feb 2017 7:39

Tgt Ion: 136 Resp: 373229

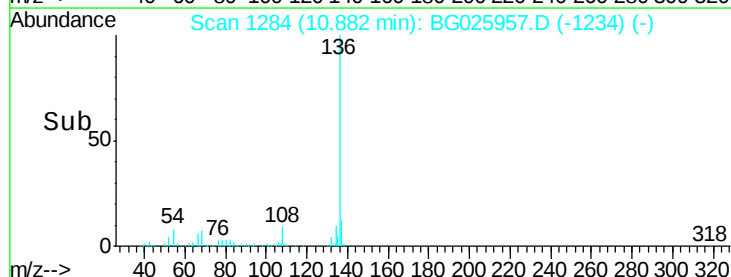
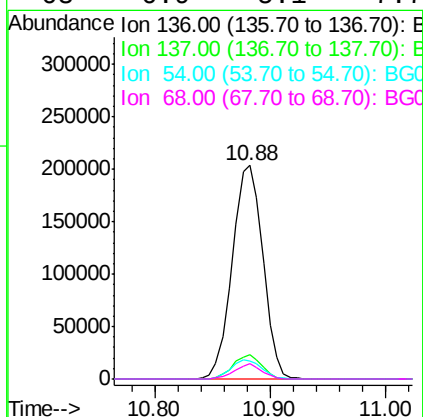
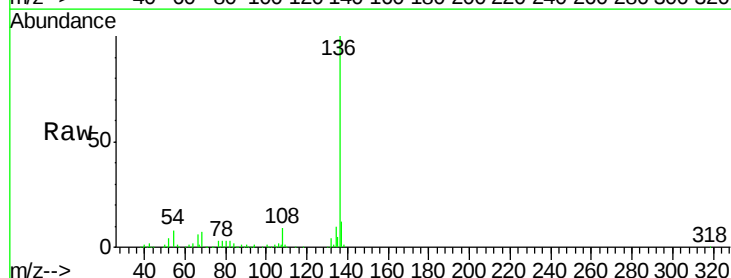
Ion Ratio Lower Upper

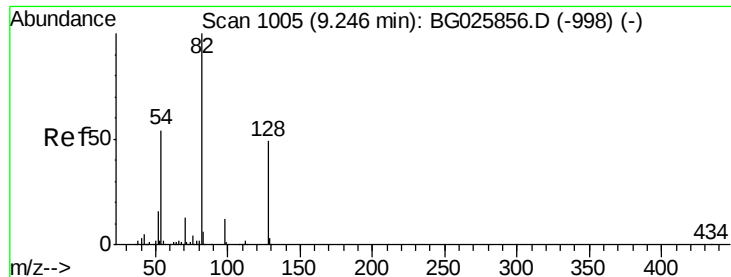
136 100

137 11.5 8.9 13.3

54 8.3 9.3 13.9#

68 6.9 5.1 7.7

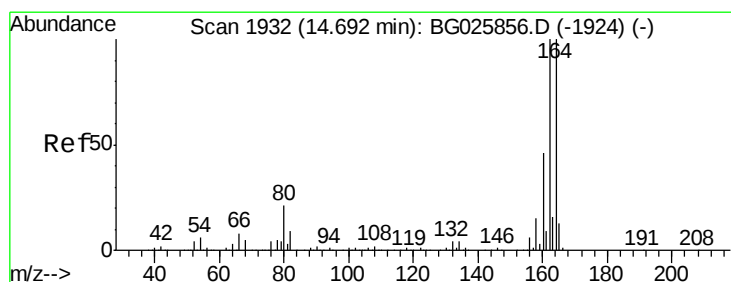
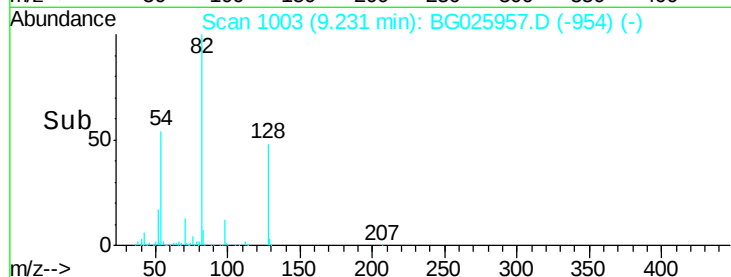
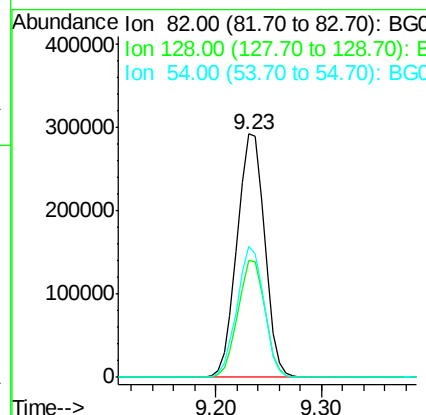
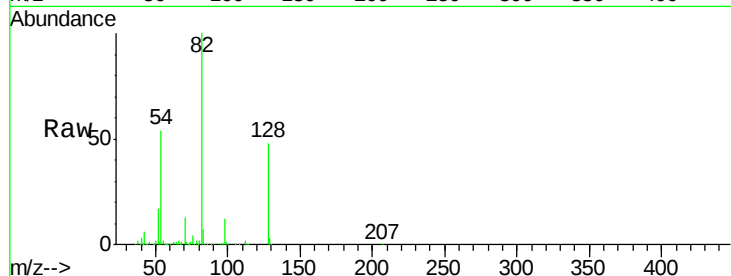




#23
Nitrobenzene-d5
Concen: 89.34 ng
RT: 9.23 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG025957.D
Acq: 25 Feb 2017 7:39

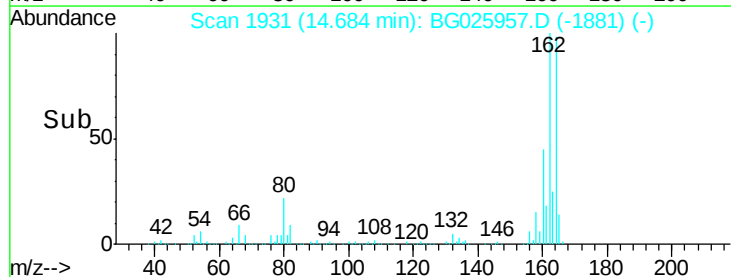
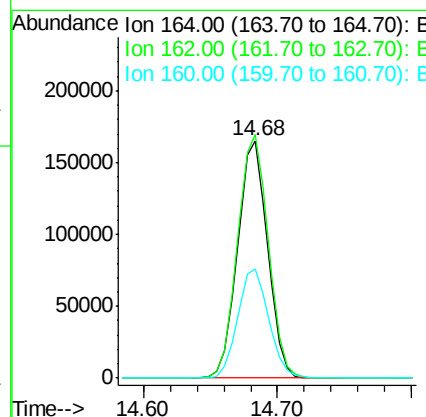
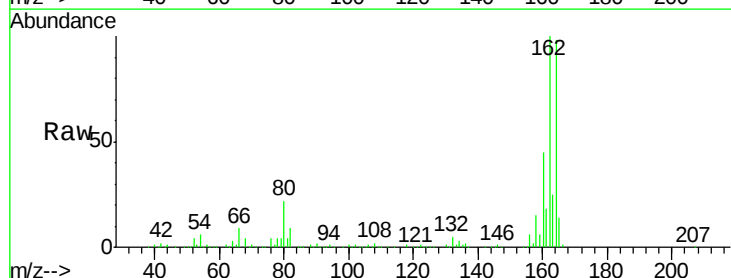
Instrument :
BNA_G
ClientSampleId :
022317-PRRT-F-D-M

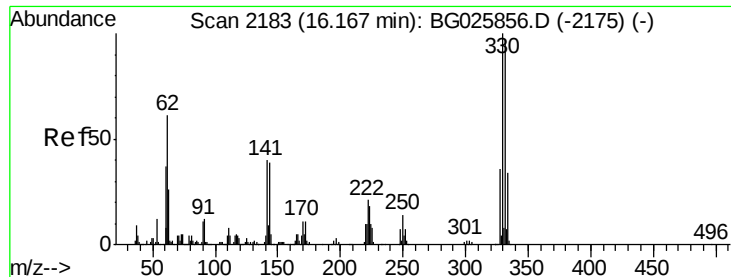
Tgt Ion: 82 Resp: 528389
Ion Ratio Lower Upper
82 100
128 47.9 26.4 39.6#
54 53.8 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG025957.D
Acq: 25 Feb 2017 7:39

Tgt Ion: 164 Resp: 256947
Ion Ratio Lower Upper
164 100
162 102.4 85.1 127.7
160 45.8 34.7 52.1

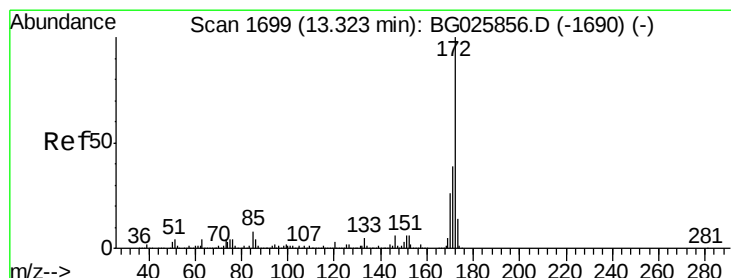
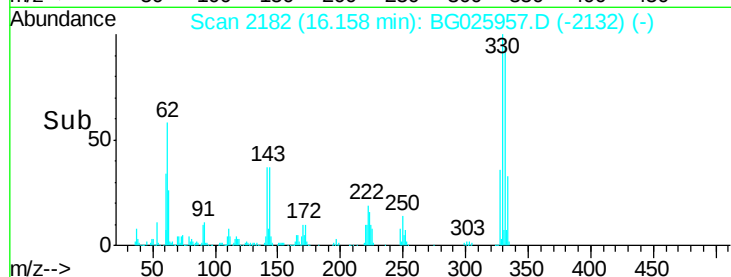
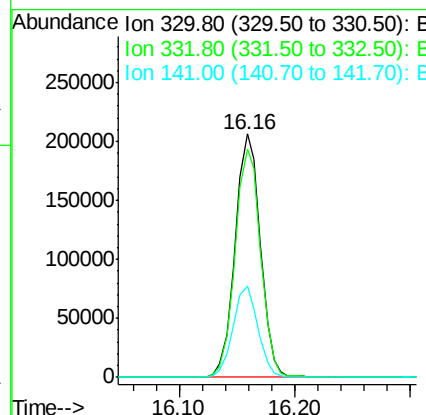
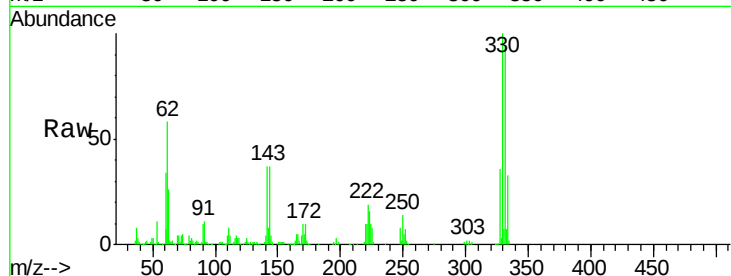




#41
 2,4,6-Tribromophenol
 Concen: 131.39 ng
 RT: 16.16 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG025957.D
 Acq: 25 Feb 2017 7:39

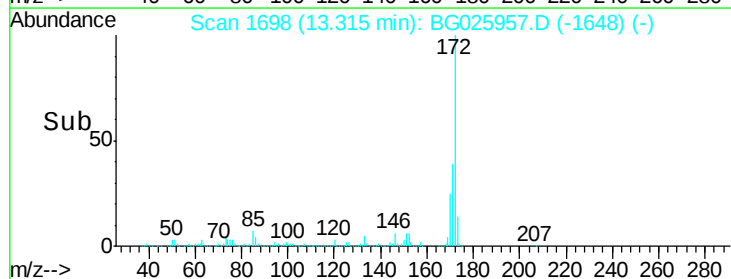
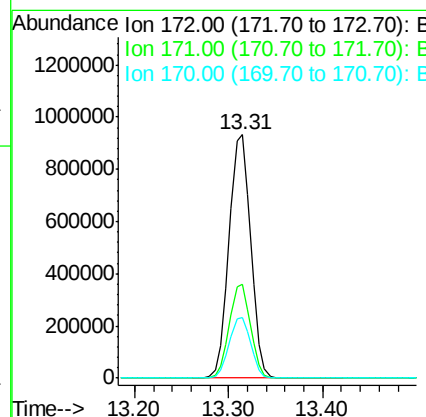
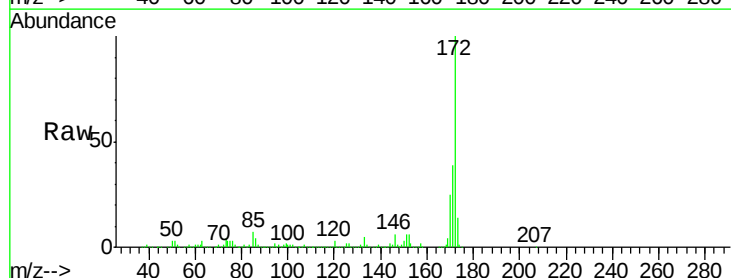
Instrument :
 BNA_G
 ClientSampleId :
 022317-PRRT-F-D-M

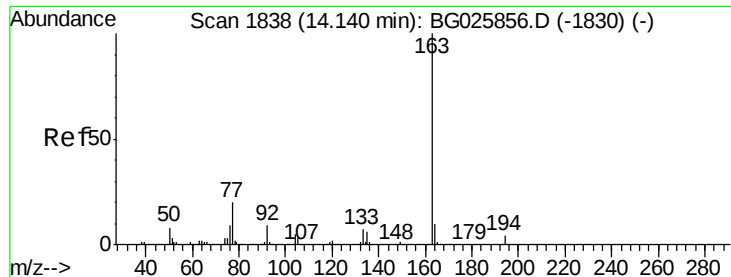
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.3	115.9
141	37.0	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 101.81 ng
 RT: 13.31 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG025957.D
 Acq: 25 Feb 2017 7:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	32.2	48.2
170	24.7	21.8	32.6





#49

Dimethylphthalate

Concen: 6.57 ng

RT: 14.13 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BG025957.D

Acq: 25 Feb 2017 7:39

Instrument :

BNA_G

ClientSampleId :

022317-PRRT-F-D-M

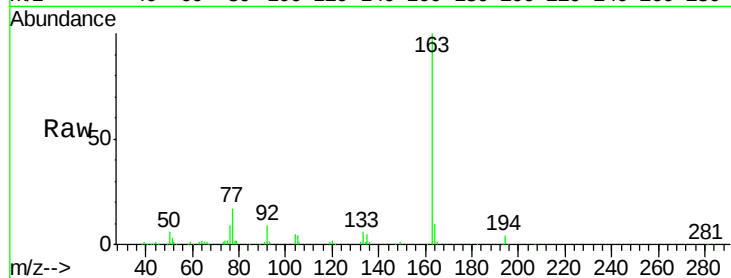
Tgt Ion:163 Resp: 115788

Ion Ratio Lower Upper

163 100

194 4.5 3.8 5.6

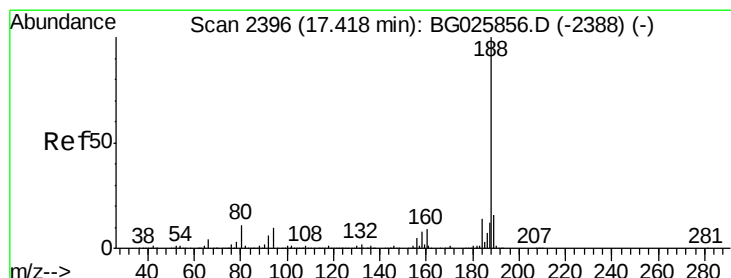
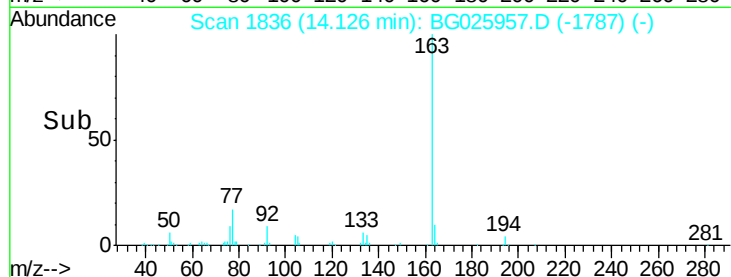
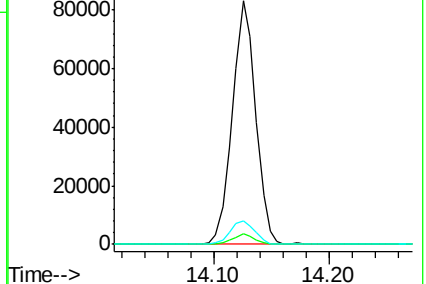
164 9.5 9.3 13.9



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: 17.41 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG025957.D

Acq: 25 Feb 2017 7:39

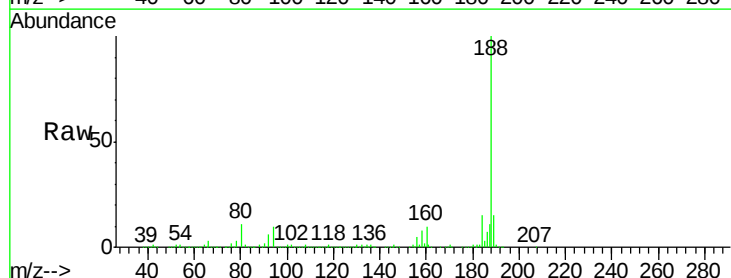
Tgt Ion:188 Resp: 726199

Ion Ratio Lower Upper

188 100

94 10.1 5.8 8.8#

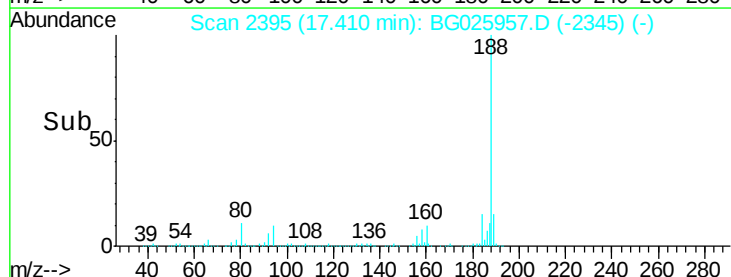
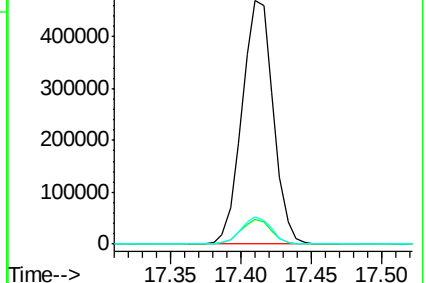
80 11.0 7.5 11.3

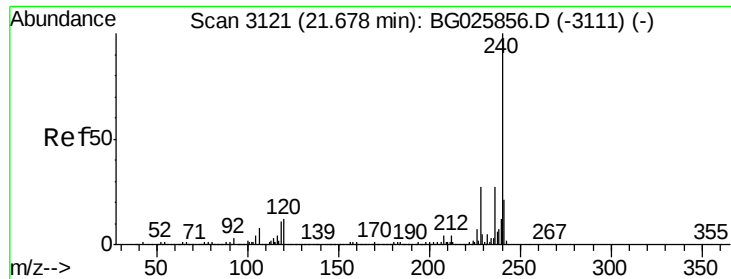


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.66 min Scan# 3118

Delta R.T. -0.02 min

Lab File: BG025957.D

Acq: 25 Feb 2017 7:39

Instrument :

BNA_G

ClientSampleId :

022317-PRRT-F-D-M

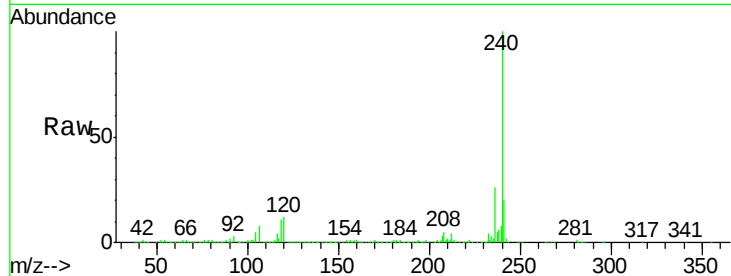
Tgt Ion:240 Resp: 771959

Ion Ratio Lower Upper

240 100

120 12.3 5.7 8.5#

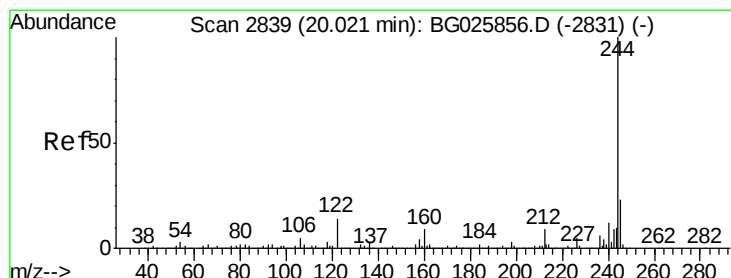
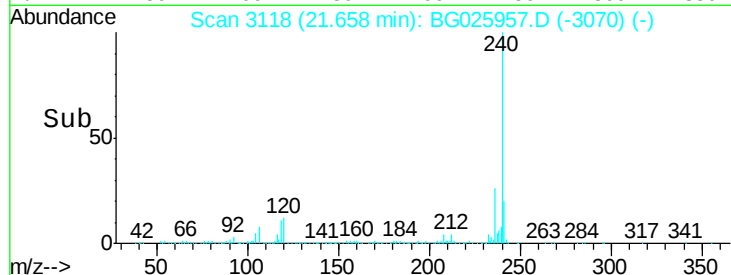
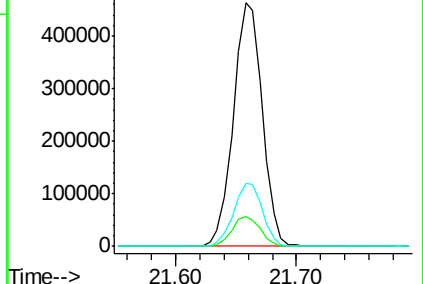
236 25.9 22.2 33.4



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: 78.35 ng

RT: 20.01 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BG025957.D

Acq: 25 Feb 2017 7:39

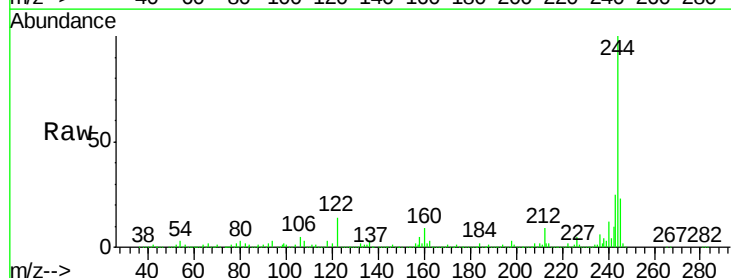
Tgt Ion:244 Resp: 2486970

Ion Ratio Lower Upper

244 100

212 9.1 10.0 15.0#

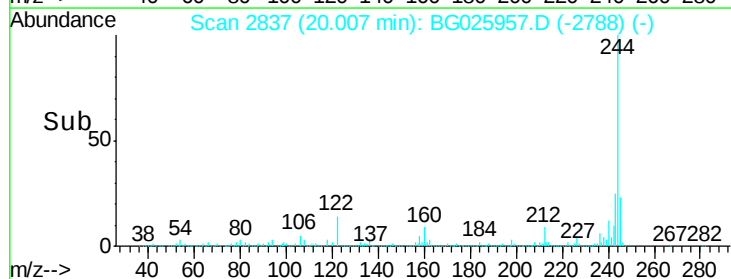
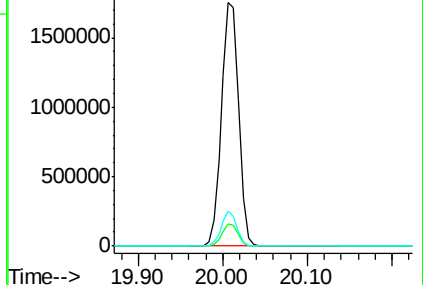
122 14.3 8.6 12.8#

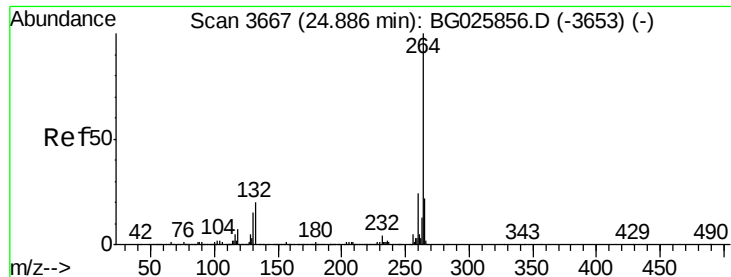


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

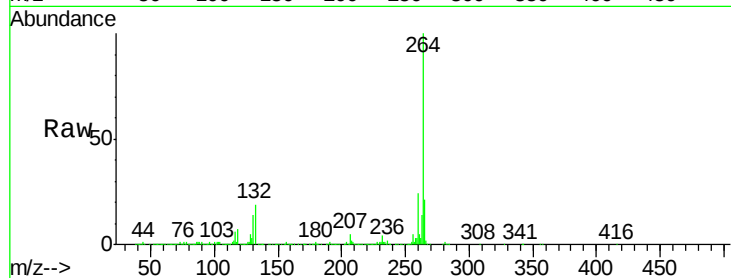




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.87 min Scan# 3664
Delta R.T. -0.02 min
Lab File: BG025957.D
Acq: 25 Feb 2017 7:39

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	21.1	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

