

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022717\
 Data File : BG025979.D
 Acq On : 28 Feb 2017 1:06
 Operator : SJ/MA
 Sample : I1998-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-15-50-COMP

Quant Time: Feb 28 02:36:25 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

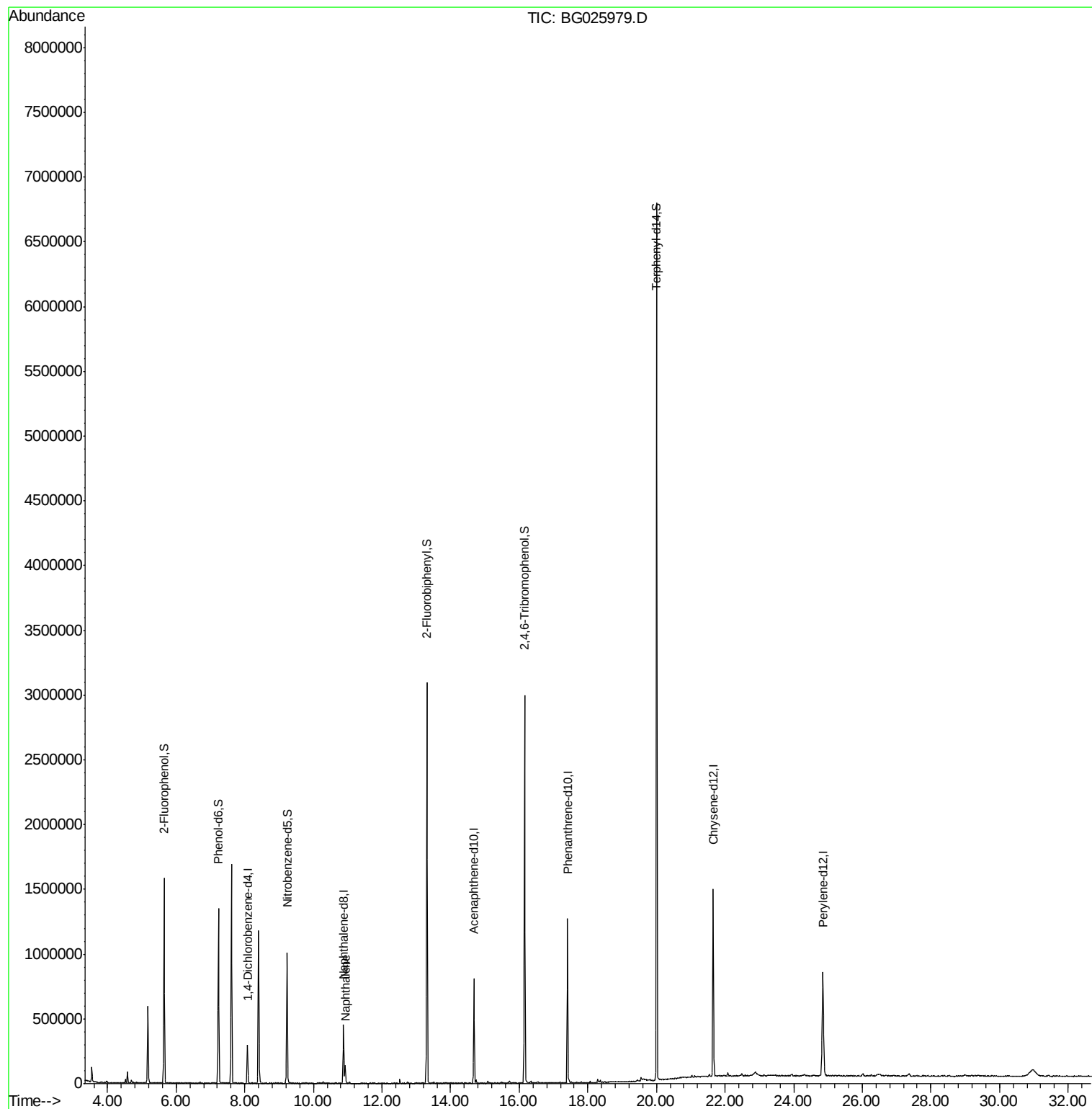
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	87547	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	407740	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	275816	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	795732	20.00	ng	0.00
75) Chrysene-d12	21.65	240	857934	20.00	ng	-0.03
86) Perylene-d12	24.85	264	812082	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	715231	142.23	ng	0.00
7) Phenol-d6	7.23	99	889577	119.55	ng	0.00
23) Nitrobenzene-d5	9.23	82	612422	94.79	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	552242	216.71	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1654972	104.85	ng	-0.01
78) Terphenyl-d14	20.01	244	2831604	80.27	ng	-0.01
Target Compounds						
31) Naphthalene	10.93	128	120716	5.73	ng	Qvalue 98

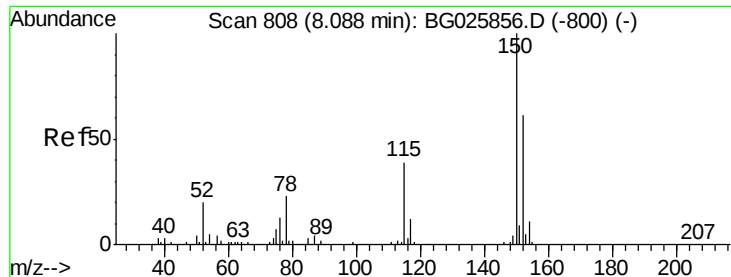
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG025979.D

Acq: 28 Feb 2017 1:06

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-15-50-COMP

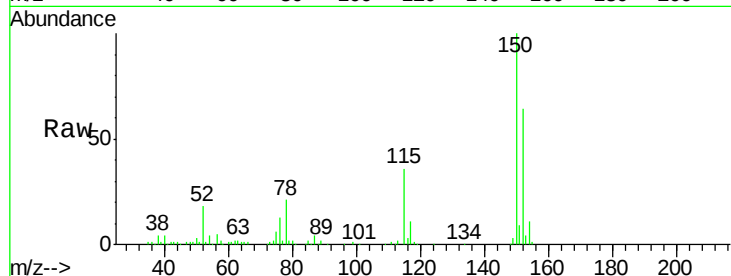
Tot Ion:152 Resp: 87547

Ion Ratio Lower Upper

152 100

150 156.6 114.0 171.0

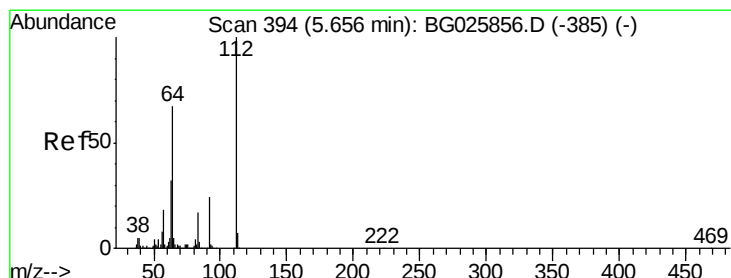
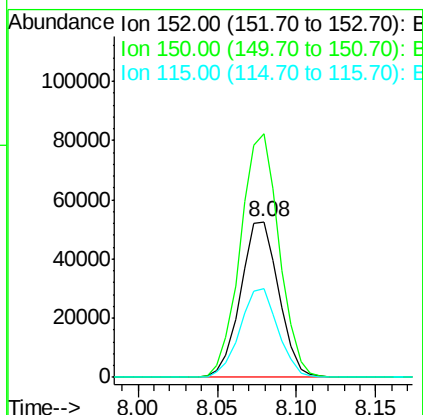
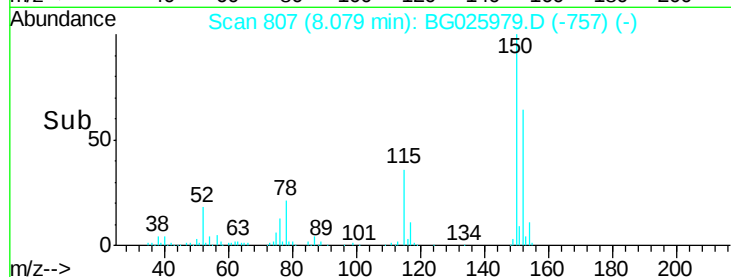
115 57.1 48.1 72.1



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: 142.23 ng

RT: 5.65 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG025979.D

Acq: 28 Feb 2017 1:06

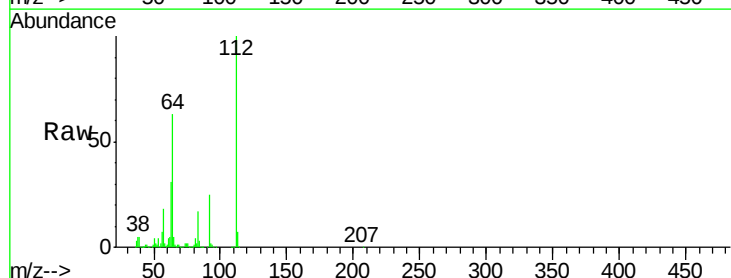
Tgt Ion:112 Resp: 715231

Ion Ratio Lower Upper

112 100

64 63.1 61.8 92.6

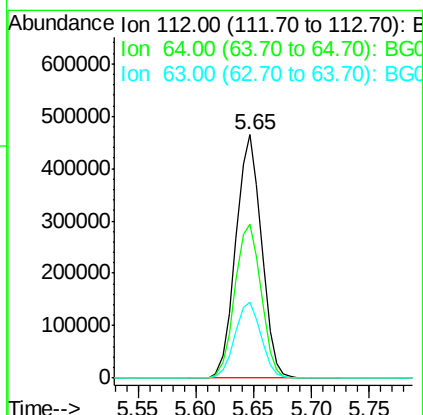
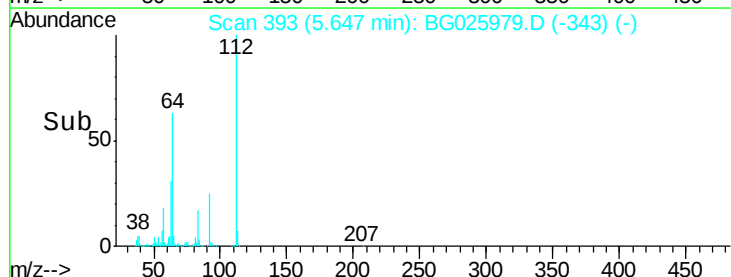
63 31.4 37.2 55.8#

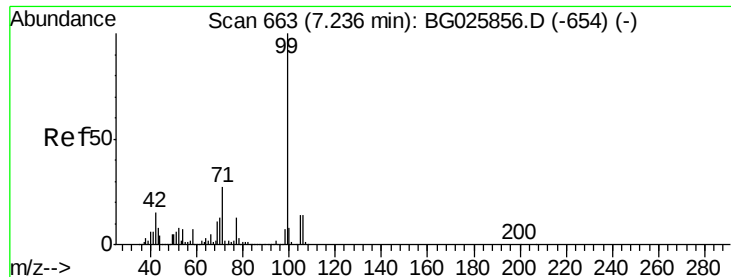


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 119.55 ng

RT: 7.23 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG025979.D

Acq: 28 Feb 2017 1:06

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-15-50-COMP

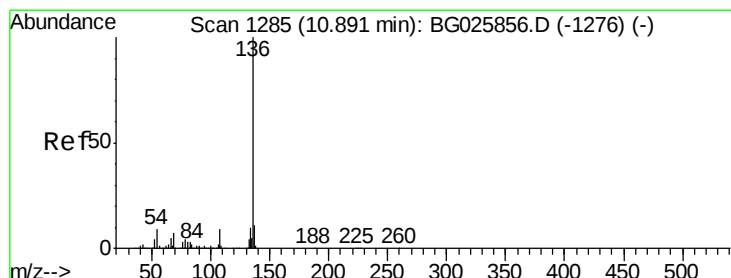
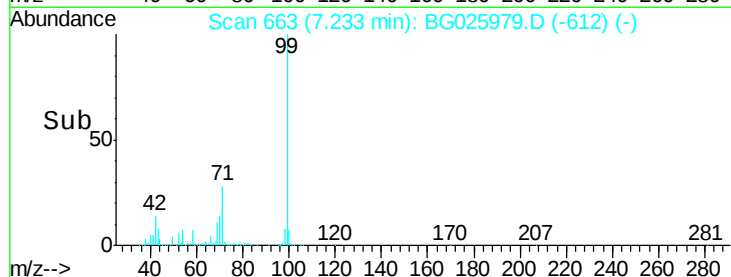
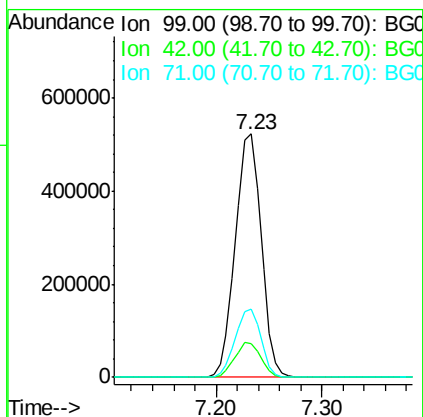
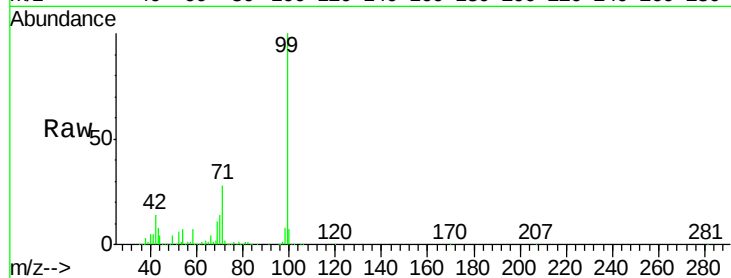
Tot Ion: 99 Resp: 889577

Ion Ratio Lower Upper

99 100

42 14.1 20.5 30.7#

71 27.9 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG025979.D

Acq: 28 Feb 2017 1:06

Tgt Ion: 136 Resp: 407740

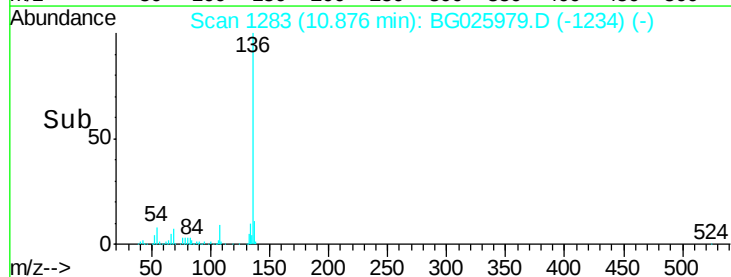
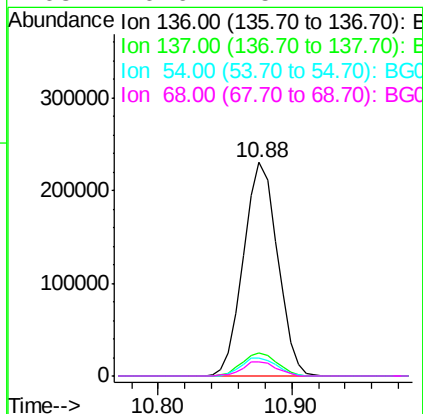
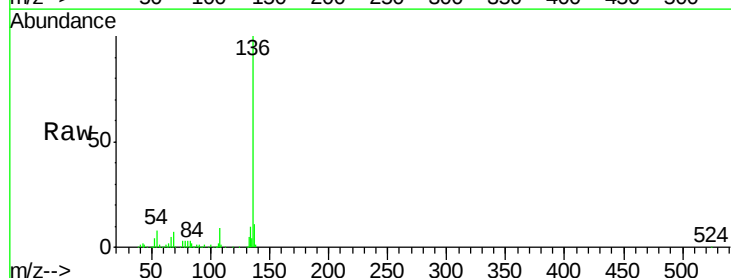
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.4 9.3 13.9#

68 6.6 5.1 7.7

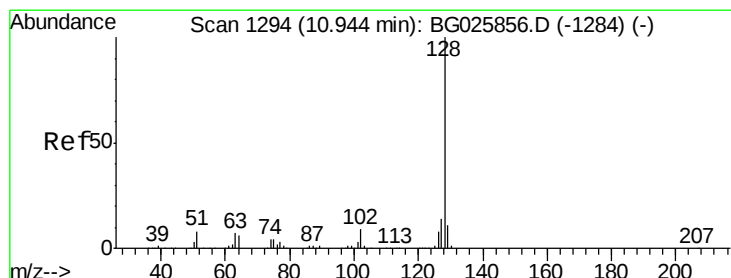
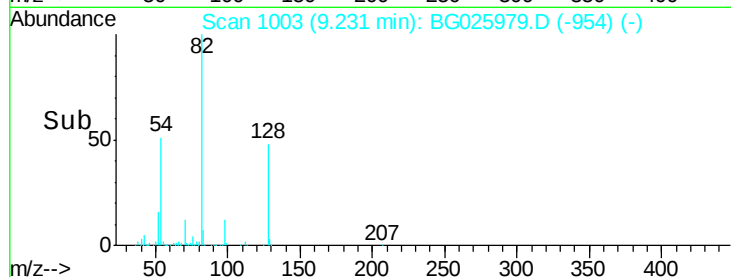
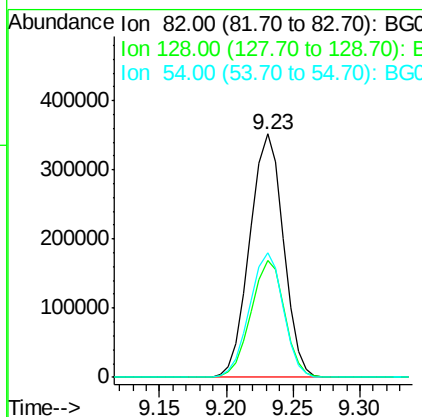
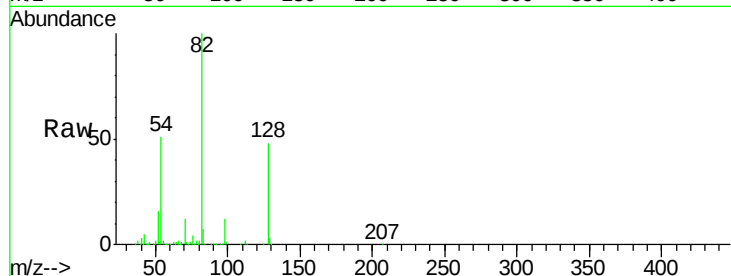




#23
Nitrobenzene-d5
Concen: 94.79 ng
RT: 9.23 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG025979.D
Acq: 28 Feb 2017 1:06

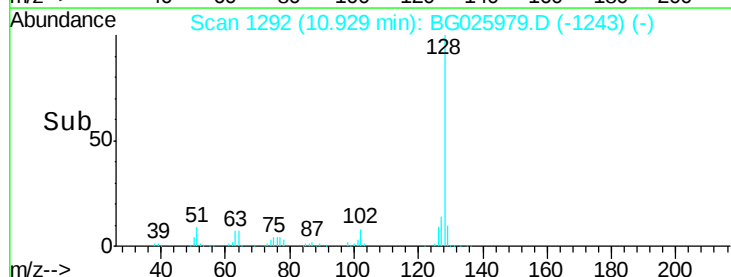
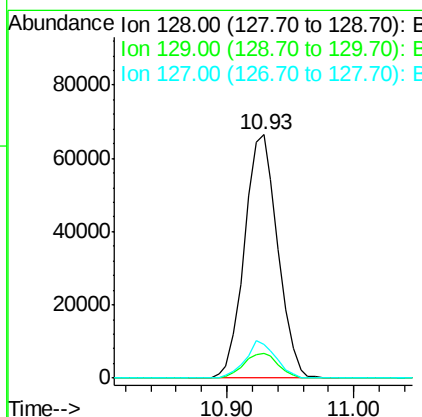
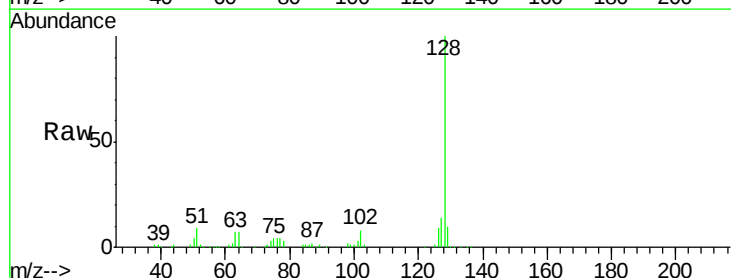
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMP

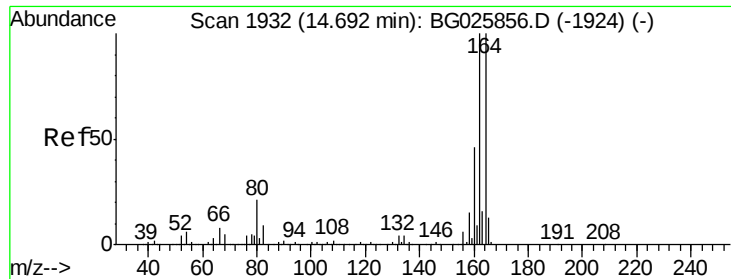
Tot Ion: 82 Resp: 612422
Ion Ratio Lower Upper
82 100
128 48.2 26.4 39.6#
54 51.2 49.4 74.2



#31
Naphthalene
Concen: 5.73 ng
RT: 10.93 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BG025979.D
Acq: 28 Feb 2017 1:06

Tgt Ion: 128 Resp: 120716
Ion Ratio Lower Upper
128 100
129 10.3 9.3 13.9
127 13.7 11.4 17.0

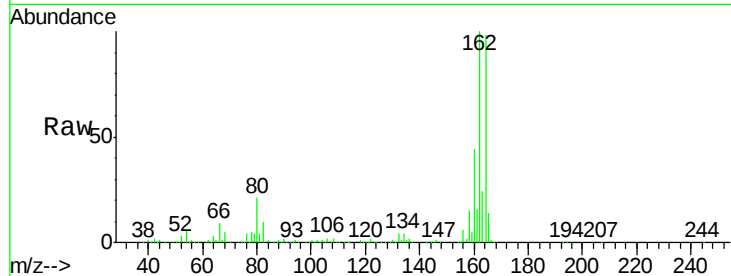




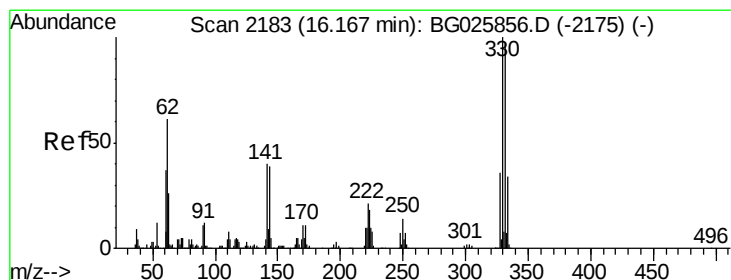
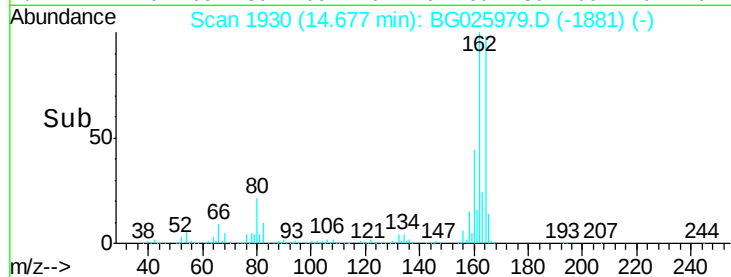
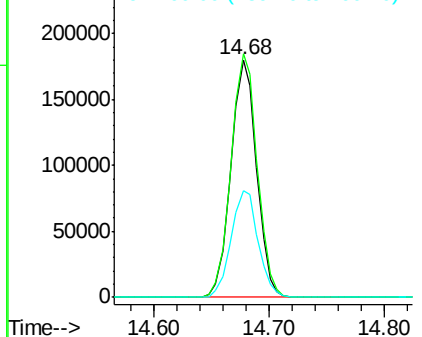
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BG025979.D
Acq: 28 Feb 2017 1:06

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMP

Tot Ion:164 Resp: 275816
Ion Ratio Lower Upper
164 100
162 102.4 85.1 127.7
160 44.8 34.7 52.1

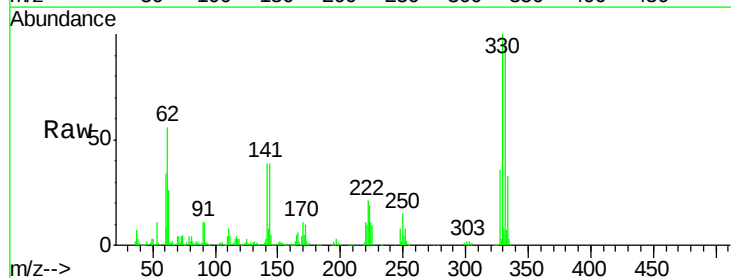


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

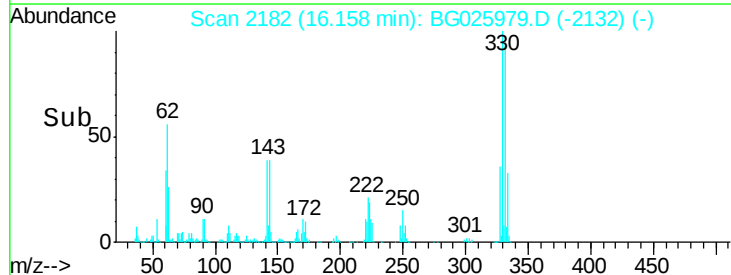
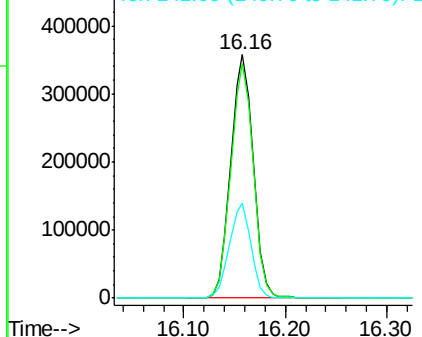


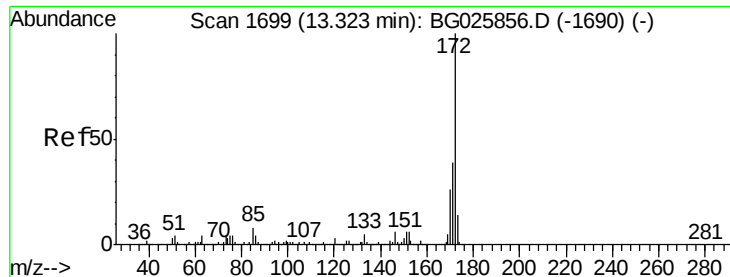
#41
2,4,6-Tribromophenol
Concen: 216.71 ng
RT: 16.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG025979.D
Acq: 28 Feb 2017 1:06

Tgt Ion:330 Resp: 552242
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 37.6 32.1 48.1



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

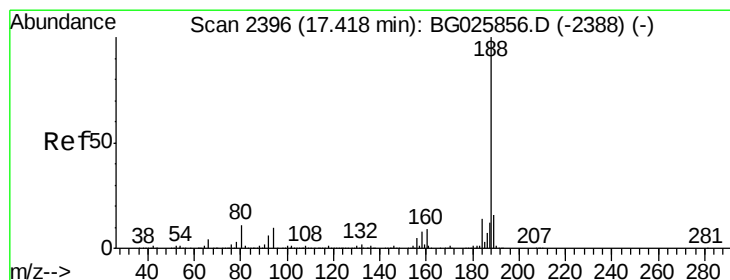
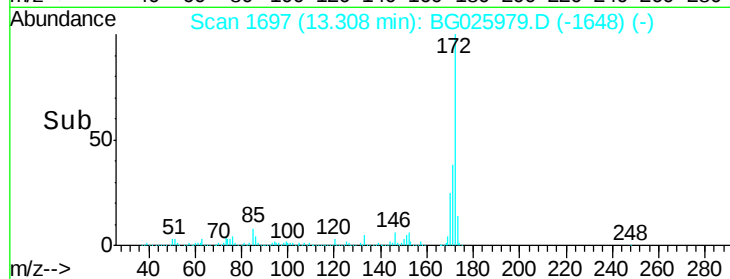
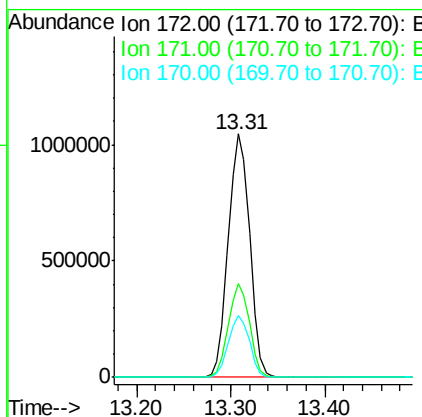
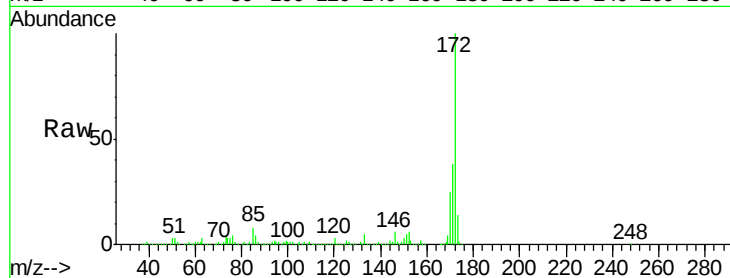




#44
 2-Fluorobiphenyl
 Concen: 104.85 ng
 RT: 13.31 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG025979.D
 Acq: 28 Feb 2017 1:06

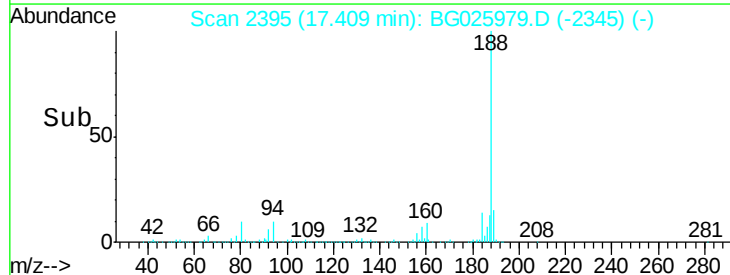
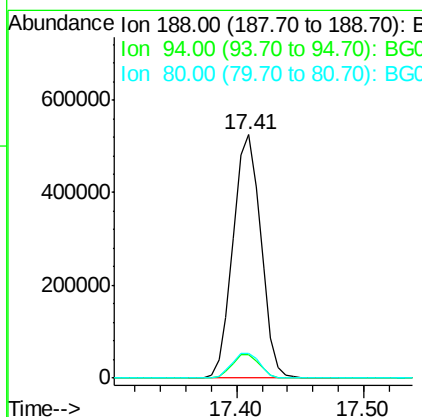
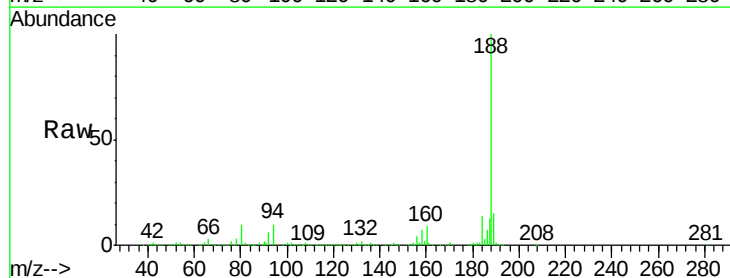
Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-15-50-COMP

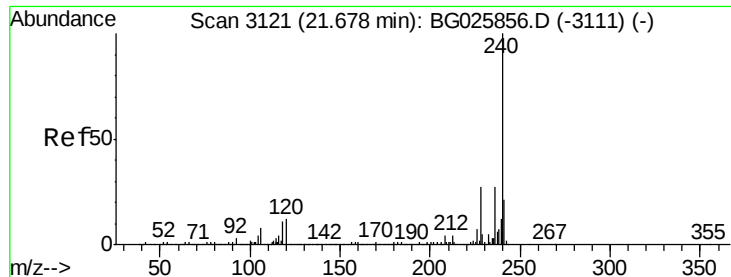
Tot Ion:172 Resp: 1654972
 Ion Ratio Lower Upper
 172 100
 171 38.5 32.2 48.2
 170 25.4 21.8 32.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.41 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG025979.D
 Acq: 28 Feb 2017 1:06

Tgt Ion:188 Resp: 795732
 Ion Ratio Lower Upper
 188 100
 94 9.7 5.8 8.8#
 80 10.0 7.5 11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.65 min Scan# 3117

Delta R.T. -0.03 min

Lab File: BG025979.D

Acq: 28 Feb 2017 1:06

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-15-50-COMP

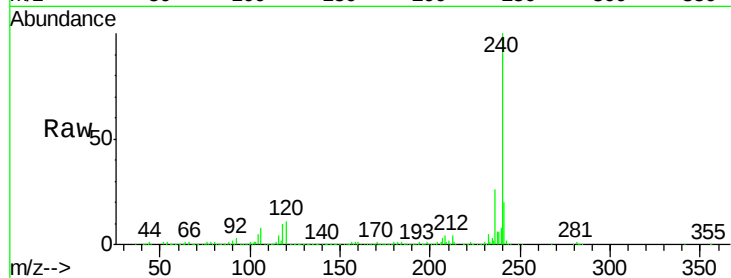
Tot Ion:240 Resp: 857934

Ion Ratio Lower Upper

240 100

120 11.5 5.7 8.5#

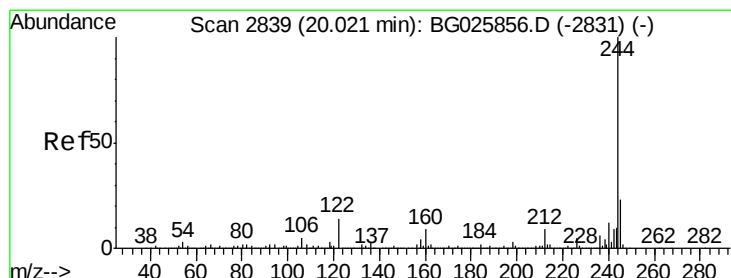
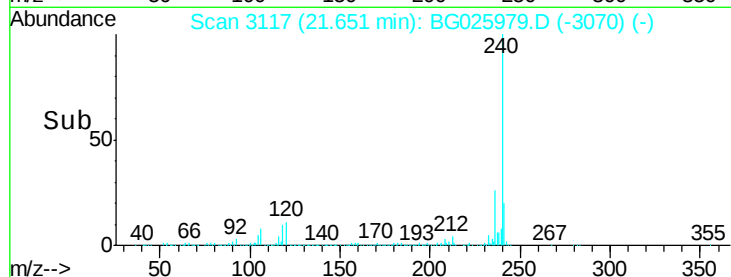
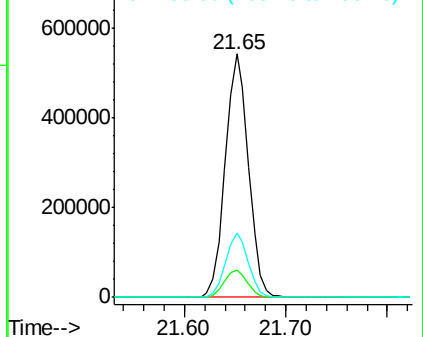
236 26.4 22.2 33.4



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: 80.27 ng

RT: 20.01 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BG025979.D

Acq: 28 Feb 2017 1:06

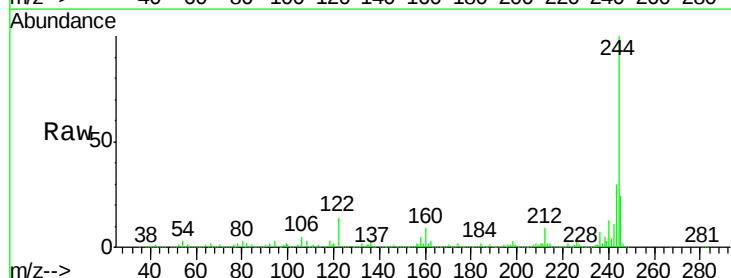
Tgt Ion:244 Resp: 2831604

Ion Ratio Lower Upper

244 100

212 9.5 10.0 15.0#

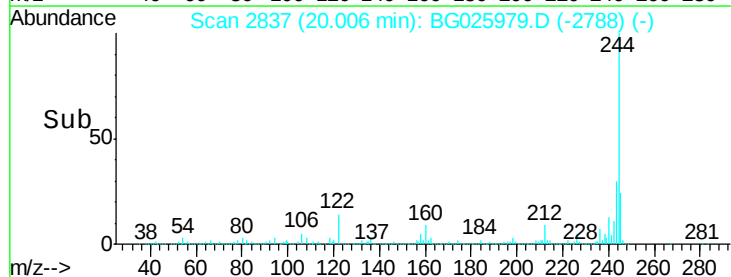
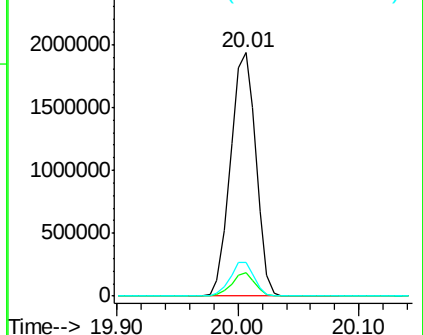
122 13.8 8.6 12.8#

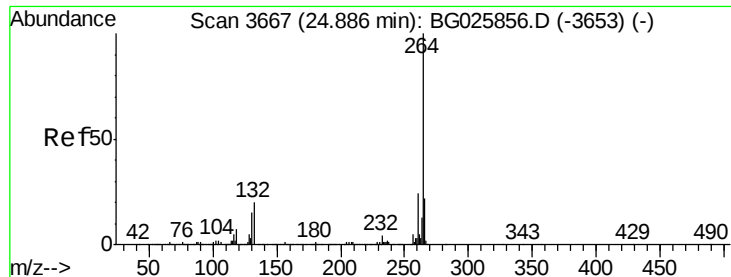


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

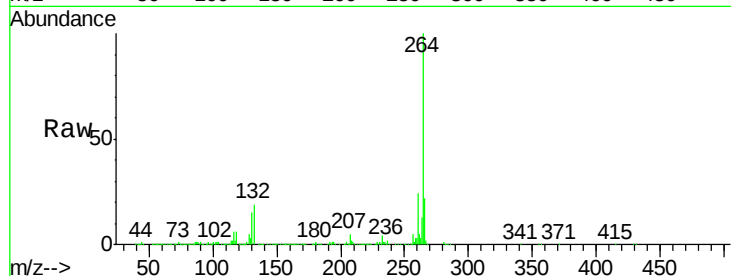




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 24.85 min Scan# 3662
 Delta R.T. -0.03 min
 Lab File: BG025979.D
 Acq: 28 Feb 2017 1:06

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-15-50-COMP

Tot Ion:	264	Resp:	812082
Ion	Ratio	Lower	Upper
264	100		
260	24.0	21.8	32.8
265	22.2	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

