

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
 Data File : BF079182.D
 Acq On : 13 May 2015 4:51
 Operator : TP/IZ
 Sample : G2174-18 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-COMP

Quant Time: May 13 05:32:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 04:45:03 2015
 Response via : Initial Calibration

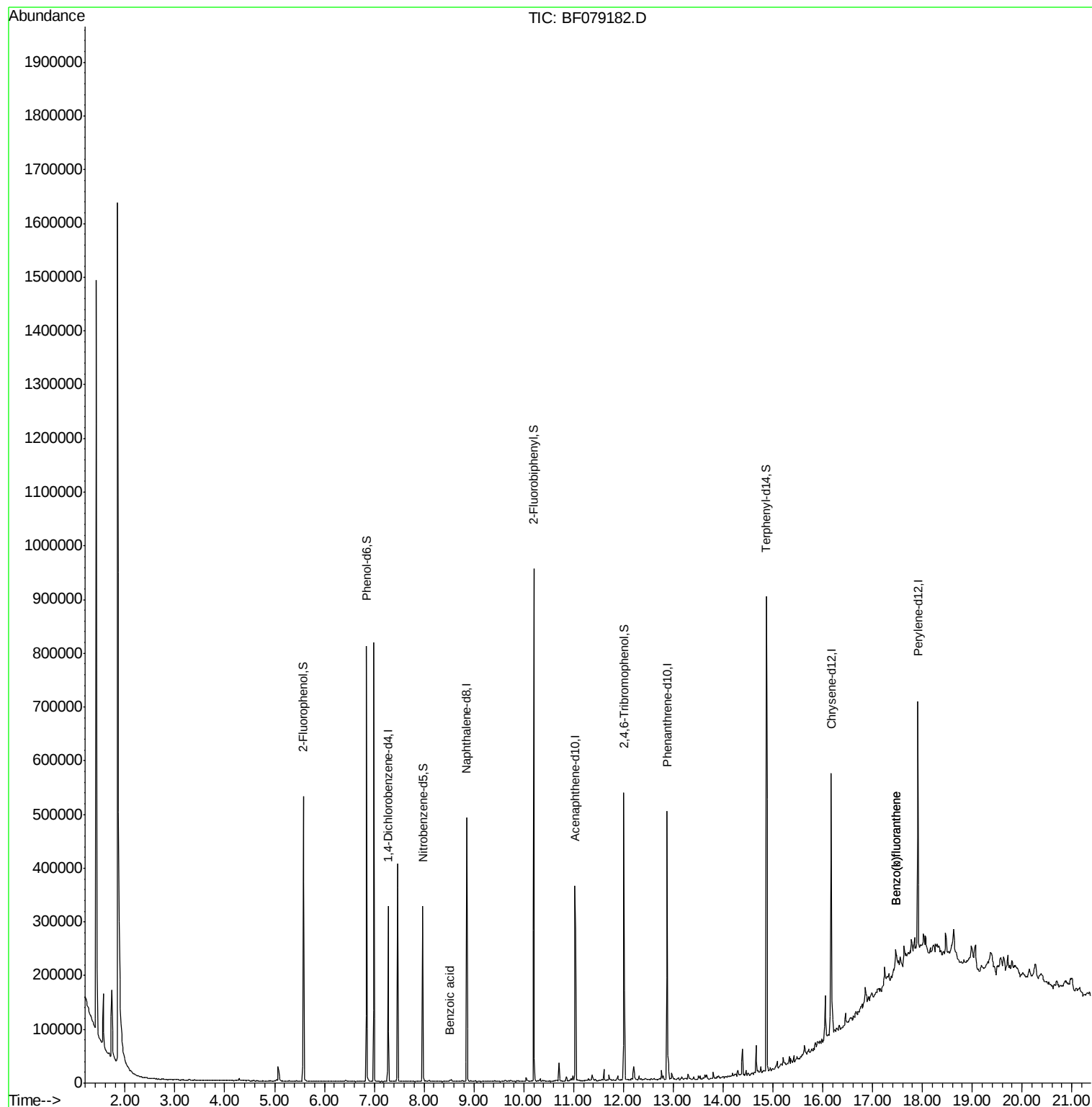
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	52473	20.00	ng	0.00
21) Naphthalene-d8	8.86	136	216070	20.00	ng	0.00
38) Acenaphthene-d10	11.03	164	100555	20.00	ng	-0.01
63) Phenanthrene-d10	12.88	188	201761	20.00	ng	0.00
75) Chrysene-d12	16.17	240	217381	20.00	ng	0.00
86) Perylene-d12	17.91	264	215667	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	197093	64.66	ng	-0.01
7) Phenol-d6	6.84	99	274001	68.00	ng	0.00
23) Nitrobenzene-d5	7.98	82	147386	39.20	ng	0.00
41) 2,4,6-Tribromophenol	12.01	330	69061	63.49	ng	-0.01
44) 2-Fluorobiphenyl	10.20	172	309645	42.90	ng	0.00
78) Terphenyl-d14	14.87	244	354596	39.05	ng	-0.01
Target Compounds						
32) Benzoic acid	8.51	122	1223	6.86	ng	85
87) Benzo(b)fluoranthene	17.46	252	27575	2.34	ng	# 82
88) Benzo(k)fluoranthene	17.46	252	27389	2.40	ng	# 83

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.28 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF079182.D

Acq: 13 May 2015 4:51

Instrument :

BNA_F

ClientSampled :

D-COMP

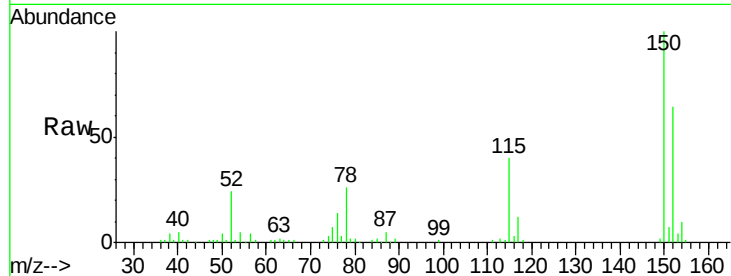
Tgt Ion:152 Resp: 52473

Ion Ratio Lower Upper

152 100

150 155.9 122.0 183.0

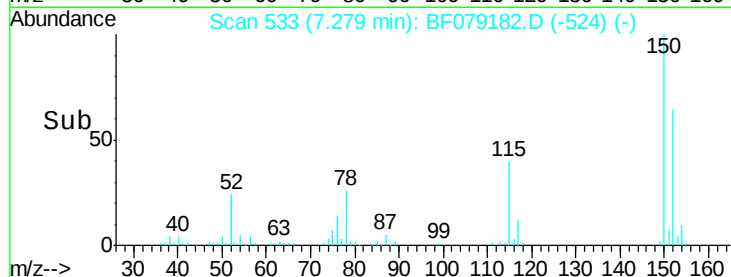
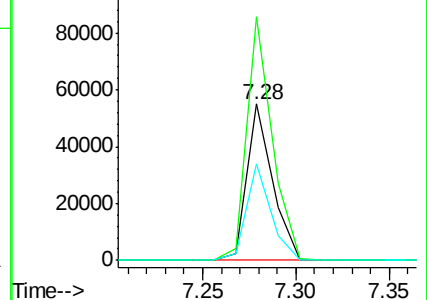
115 61.8 46.3 69.5



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: 64.66 ng

RT: 5.58 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF079182.D

Acq: 13 May 2015 4:51

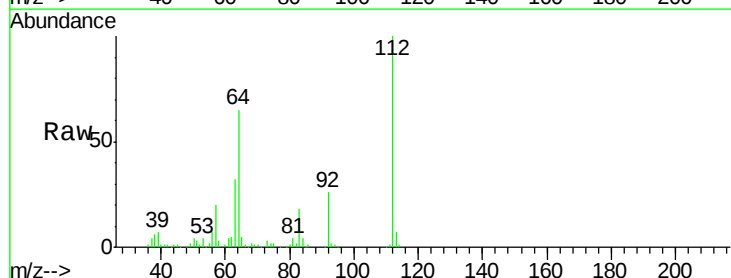
Tgt Ion:112 Resp: 197093

Ion Ratio Lower Upper

112 100

64 64.7 53.5 80.3

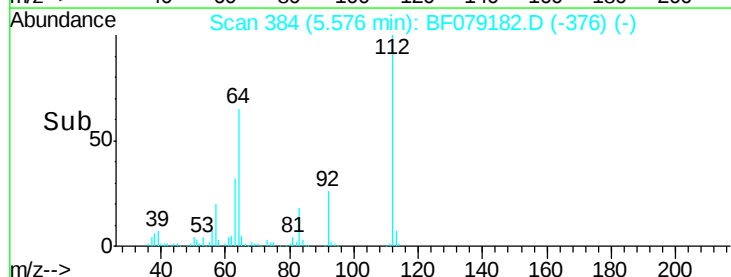
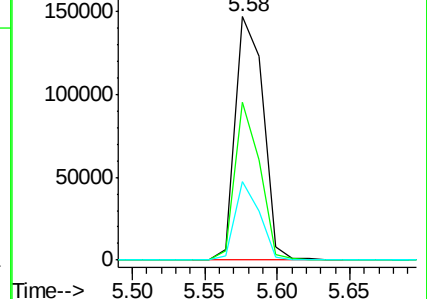
63 32.0 27.5 41.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 68.00 ng

RT: 6.84 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF079182.D

Acq: 13 May 2015 4:51

Instrument :

BNA_F

ClientSampleId :

D-COMP

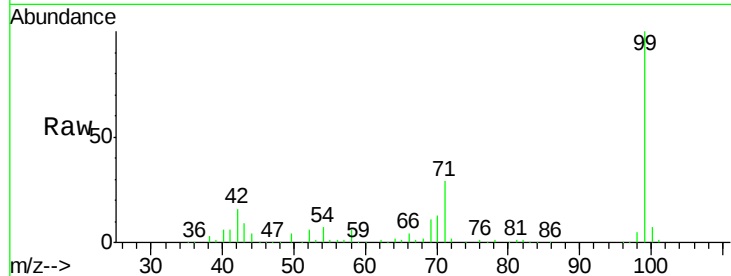
Tgt Ion: 99 Resp: 274001

Ion Ratio Lower Upper

99 100

42 16.3 12.8 19.2

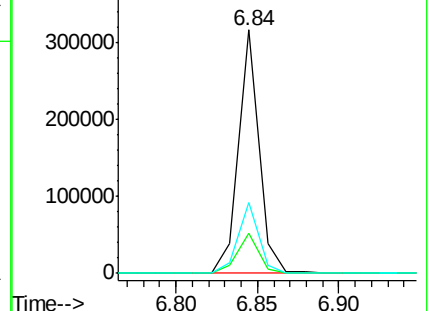
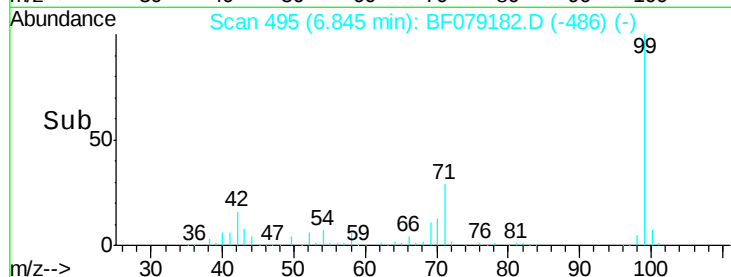
71 29.1 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.86 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF079182.D

Acq: 13 May 2015 4:51

Tgt Ion: 136 Resp: 216070

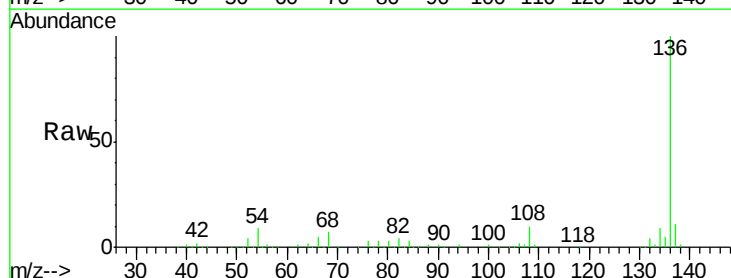
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.7 5.8 8.8

68 6.7 4.2 6.4#

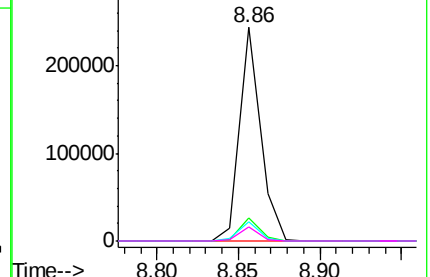
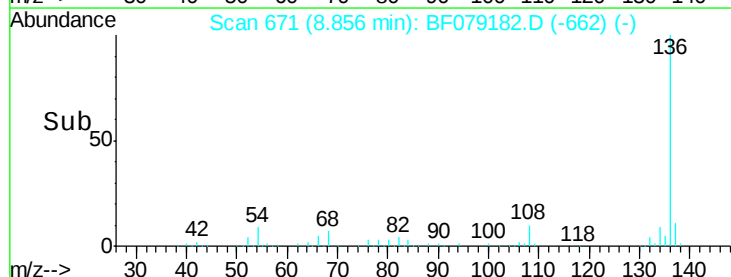


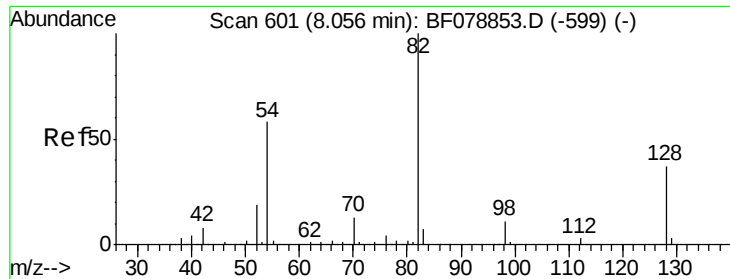
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

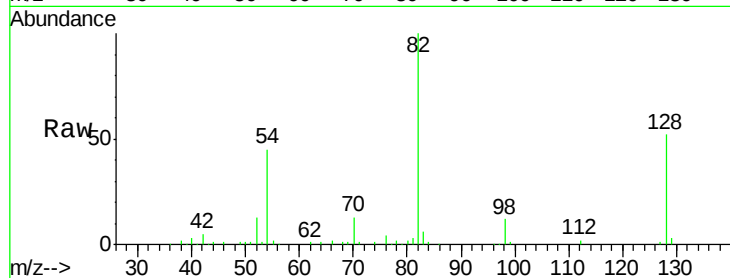




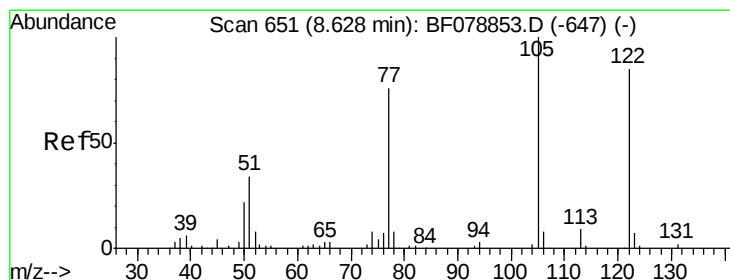
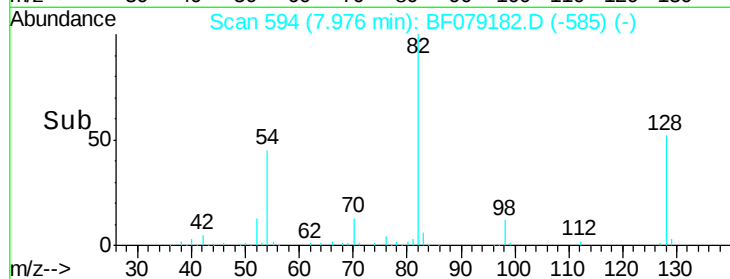
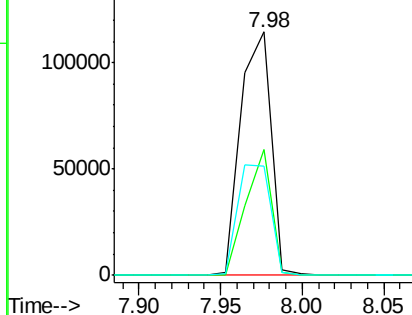
#23
 Nitrobenzene-d5
 Concen: 39.20 ng
 RT: 7.98 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF079182.D
 Acq: 13 May 2015 4:51

Instrument :
 BNA_F
 ClientSampleId :
 D-COMP

Tgt Ion: 82 Resp: 147386
 Ion Ratio Lower Upper
 82 100
 128 51.8 30.0 45.0#
 54 44.8 46.4 69.6#

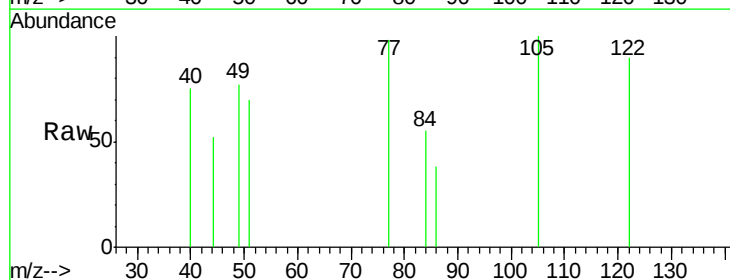


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

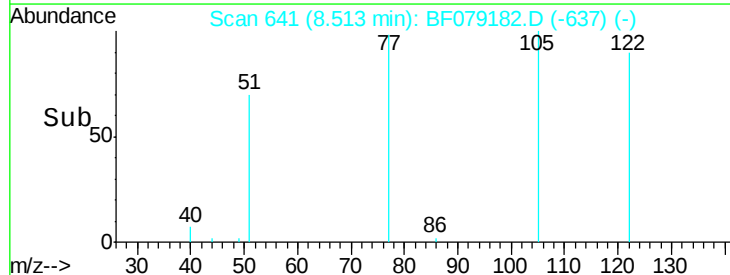
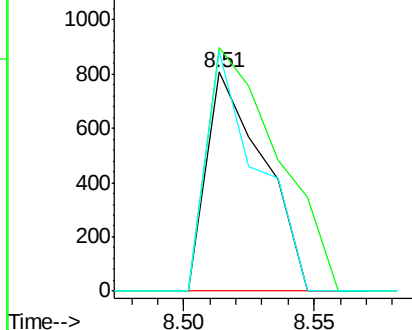


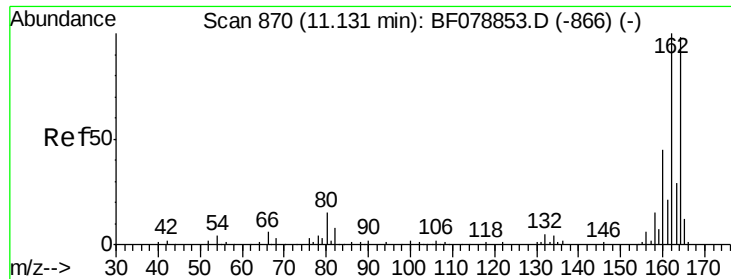
#32
 Benzoic acid
 Concen: 6.86 ng
 RT: 8.51 min Scan# 641
 Delta R.T. -0.06 min
 Lab File: BF079182.D
 Acq: 13 May 2015 4:51

Tgt Ion: 122 Resp: 1223
 Ion Ratio Lower Upper
 122 100
 105 111.3 107.1 147.1
 77 109.3 73.9 113.9



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 105.00 (104.70 to 105.70): E
 Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.03 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF079182.D

Acq: 13 May 2015 4:51

Instrument :

BNA_F

ClientSampled :

D-COMP

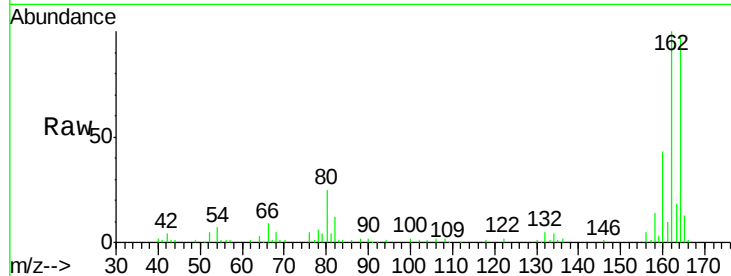
Tgt Ion:164 Resp: 100555

Ion Ratio Lower Upper

164 100

162 102.6 82.7 124.1

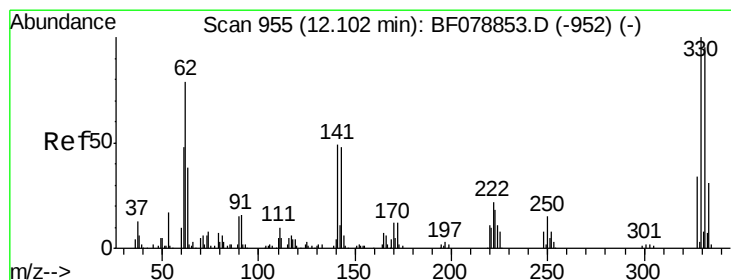
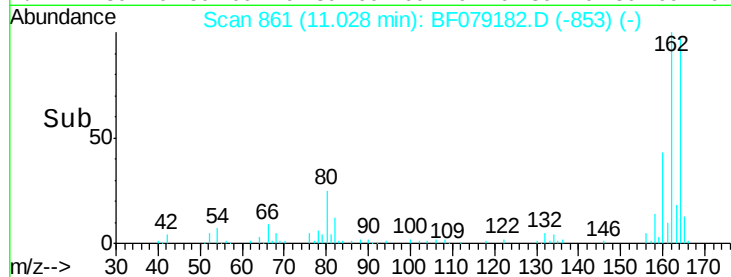
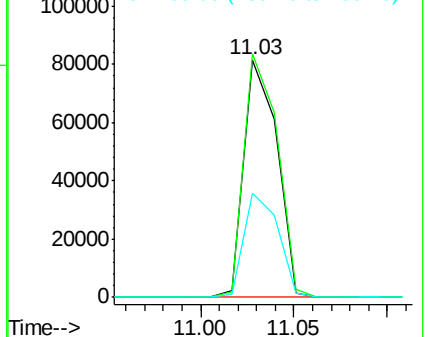
160 43.8 35.8 53.8



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: 63.49 ng

RT: 12.01 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF079182.D

Acq: 13 May 2015 4:51

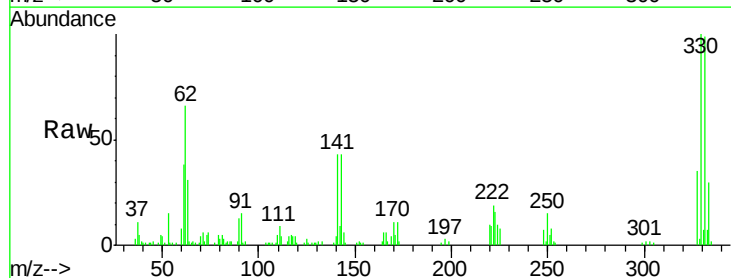
Tgt Ion:330 Resp: 69061

Ion Ratio Lower Upper

330 100

332 98.7 0.0 0.0#

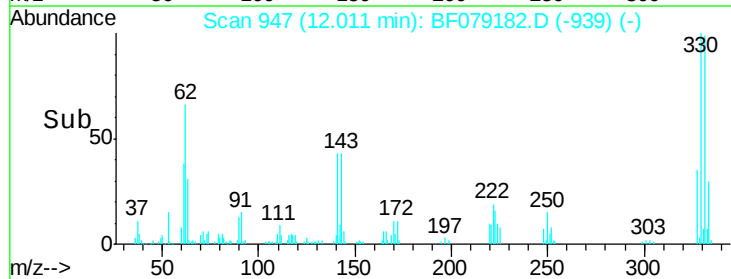
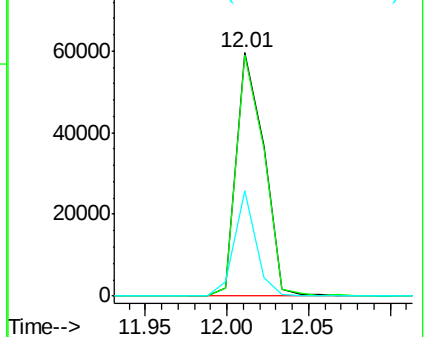
141 34.3 0.0 0.0#



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

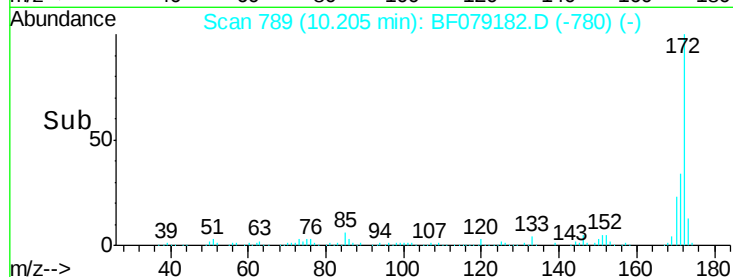
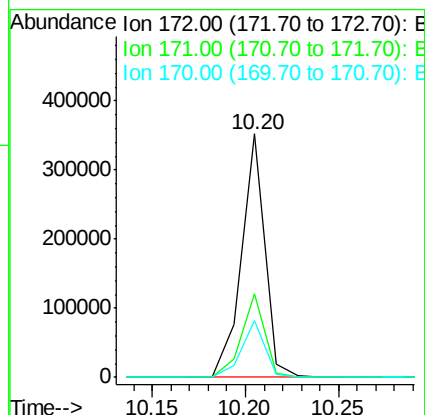
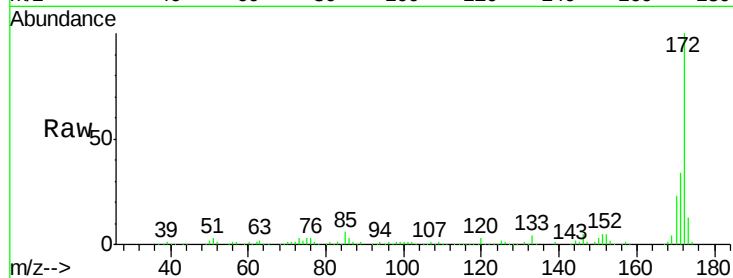




#44
 2-Fluorobiphenyl
 Concen: 42.90 ng
 RT: 10.20 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF079182.D
 Acq: 13 May 2015 4:51

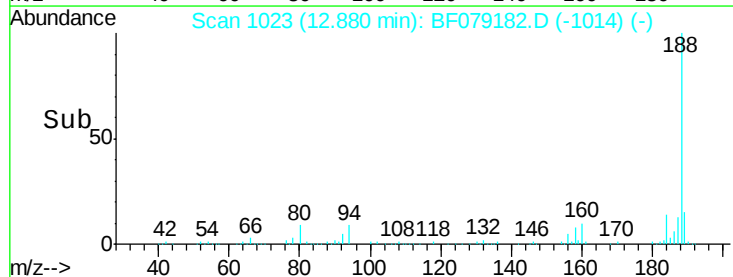
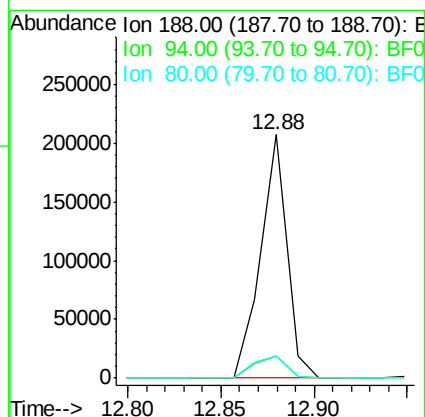
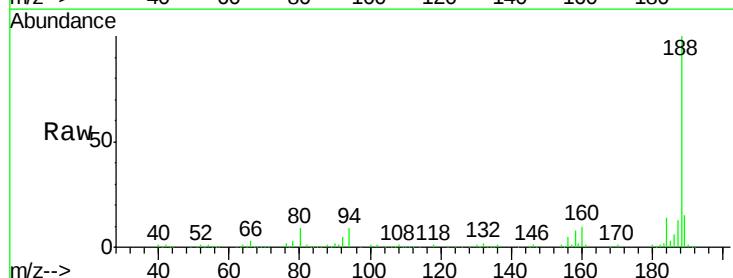
Instrument :
 BNA_F
 ClientSampleId :
 D-COMP

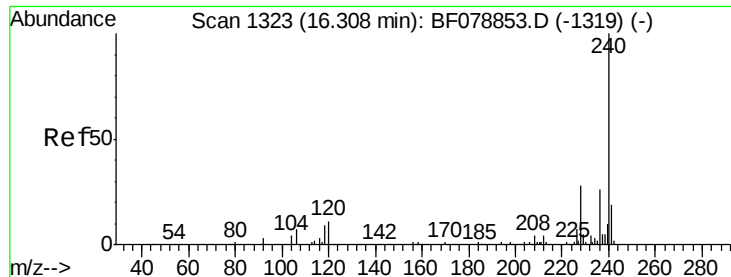
Tgt Ion:172 Resp: 309645
 Ion Ratio Lower Upper
 172 100
 171 34.2 27.9 41.9
 170 23.2 19.4 29.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.88 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF079182.D
 Acq: 13 May 2015 4:51

Tgt Ion:188 Resp: 201761
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.2 12.2
 80 9.3 8.9 13.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.17 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF079182.D

Acq: 13 May 2015 4:51

Instrument :

BNA_F

ClientSampleId :

D-COMP

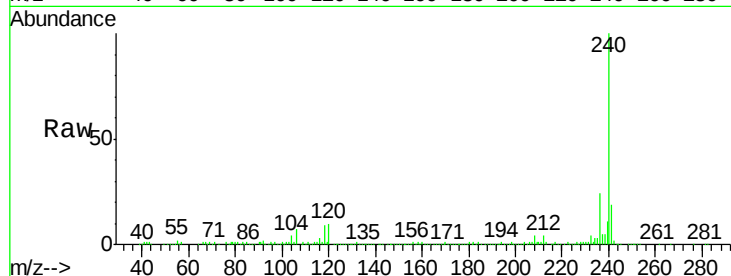
Tgt Ion:240 Resp: 217381

Ion Ratio Lower Upper

240 100

120 10.0 9.7 14.5

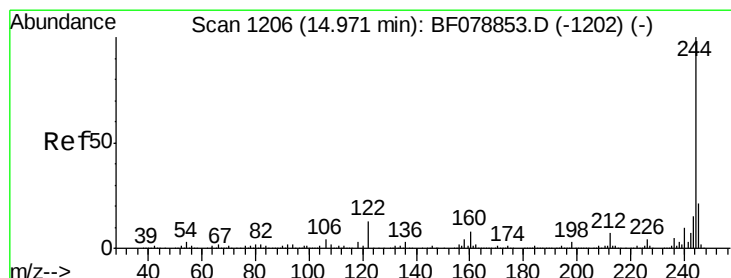
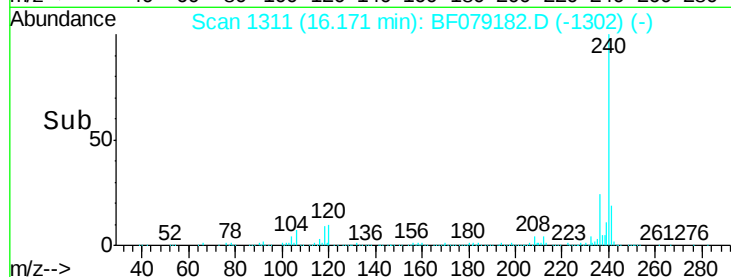
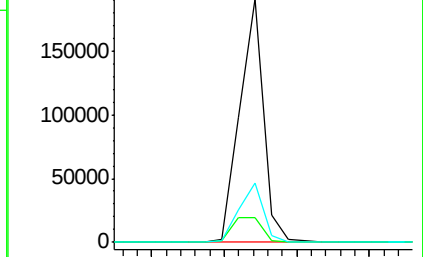
236 24.4 20.2 30.4



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: 39.05 ng

RT: 14.87 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF079182.D

Acq: 13 May 2015 4:51

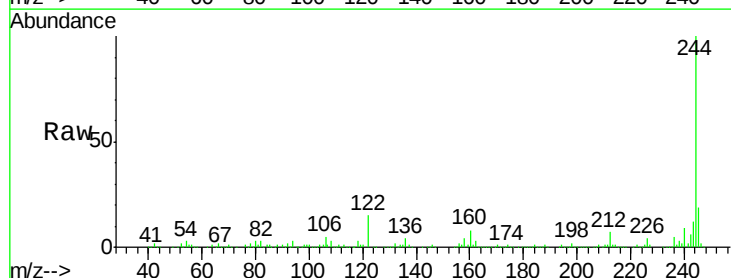
Tgt Ion:244 Resp: 354596

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

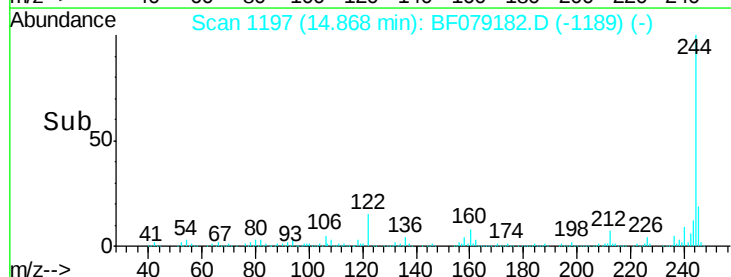
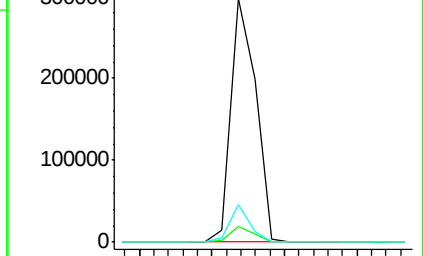
122 15.2 10.3 15.5

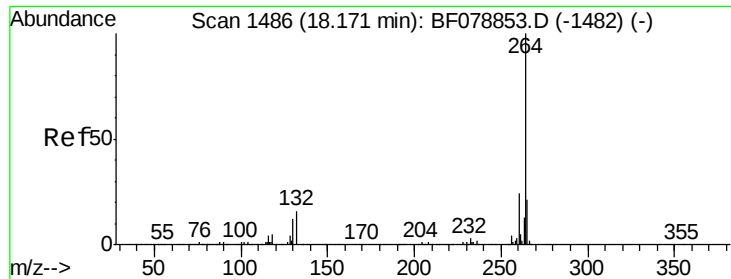


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



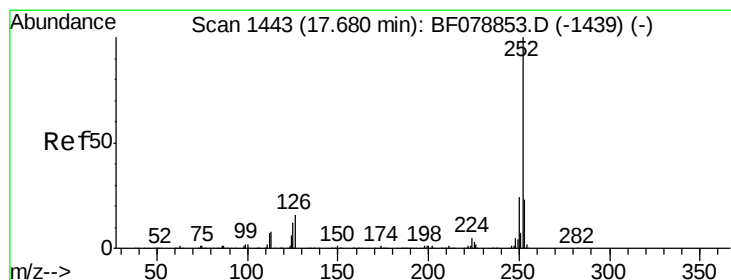
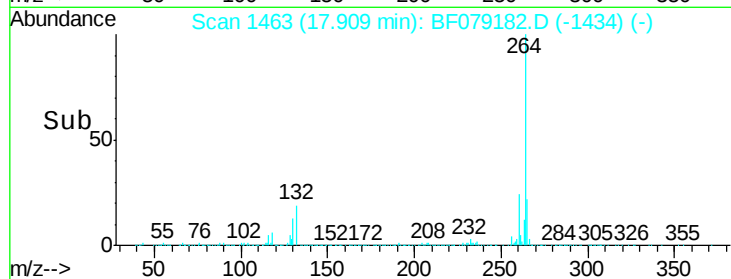
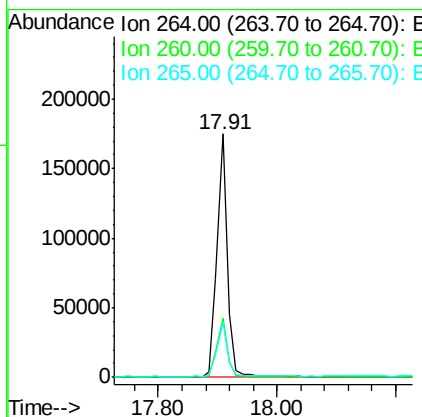
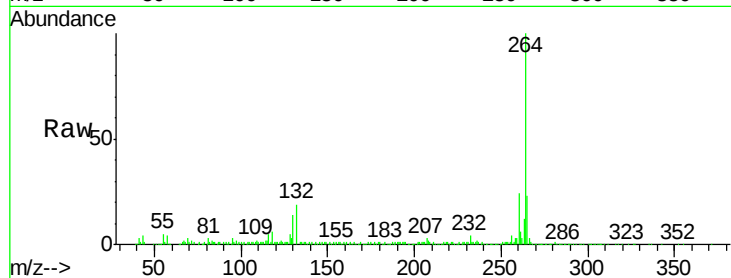


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.91 min Scan# 1463
Delta R.T. 0.03 min
Lab File: BF079182.D
Acq: 13 May 2015 4:51

Instrument :
BNA_F
ClientSampleId :
D-COMP

Tgt Ion: 264 Resp: 215667

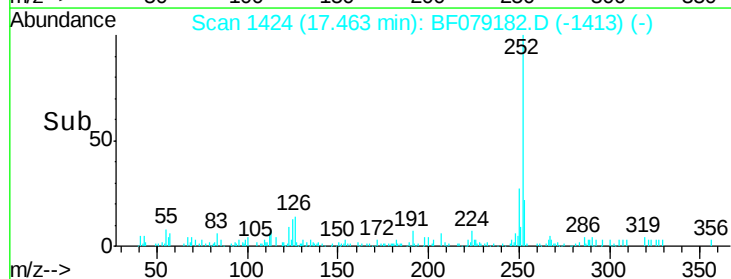
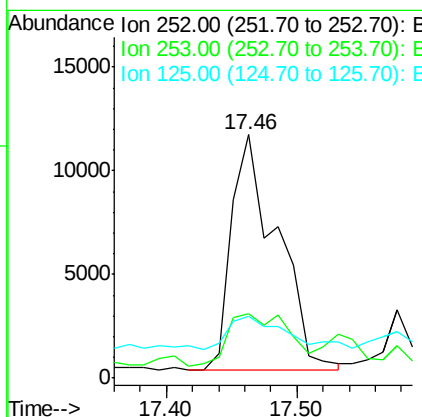
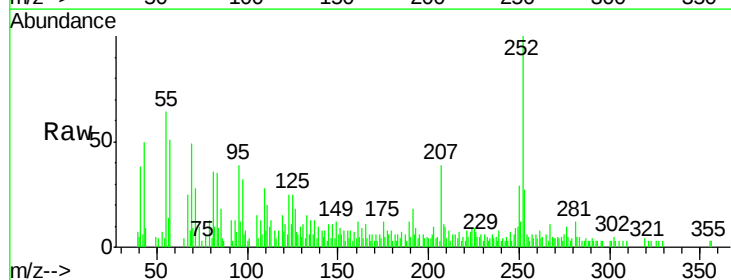
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	22.6	18.3	27.5

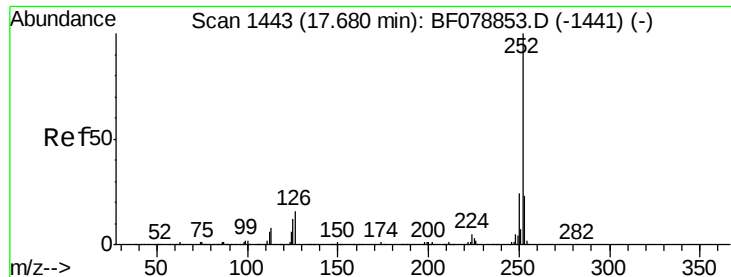


#87
Benzo(b)fluoranthene
Concen: 2.34 ng
RT: 17.46 min Scan# 1424
Delta R.T. 0.02 min
Lab File: BF079182.D
Acq: 13 May 2015 4:51

Tgt Ion: 252 Resp: 27575

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.7	26.5#
125	25.2	9.5	14.3#





#88

Benzo(k)fluoranthene

Concen: 2.40 ng

RT: 17.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF079182.D

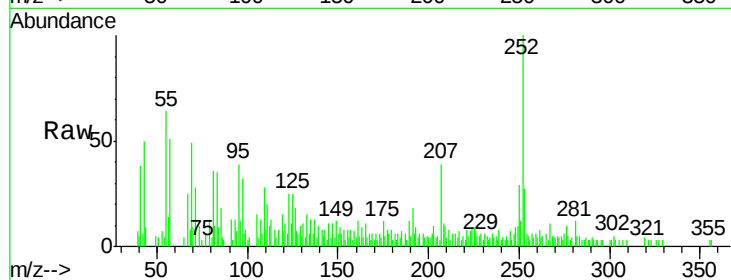
Acq: 13 May 2015 4:51

Instrument :

BNA_F

ClientSampleId :

D-COMP



Tgt Ion:	252	Resp:	27389
Ion	Ratio	Lower	Upper
252	100		
253	26.7	18.1	27.1
125	25.2	10.0	15.0

