

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061015\
 Data File : BF079863.D
 Acq On : 10 Jun 2015 14:21
 Operator : TP/IZ
 Sample : G2536-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P5-12A(UNFILTERED)

Quant Time: Jun 11 01:27:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 00:53:15 2015
 Response via : Initial Calibration

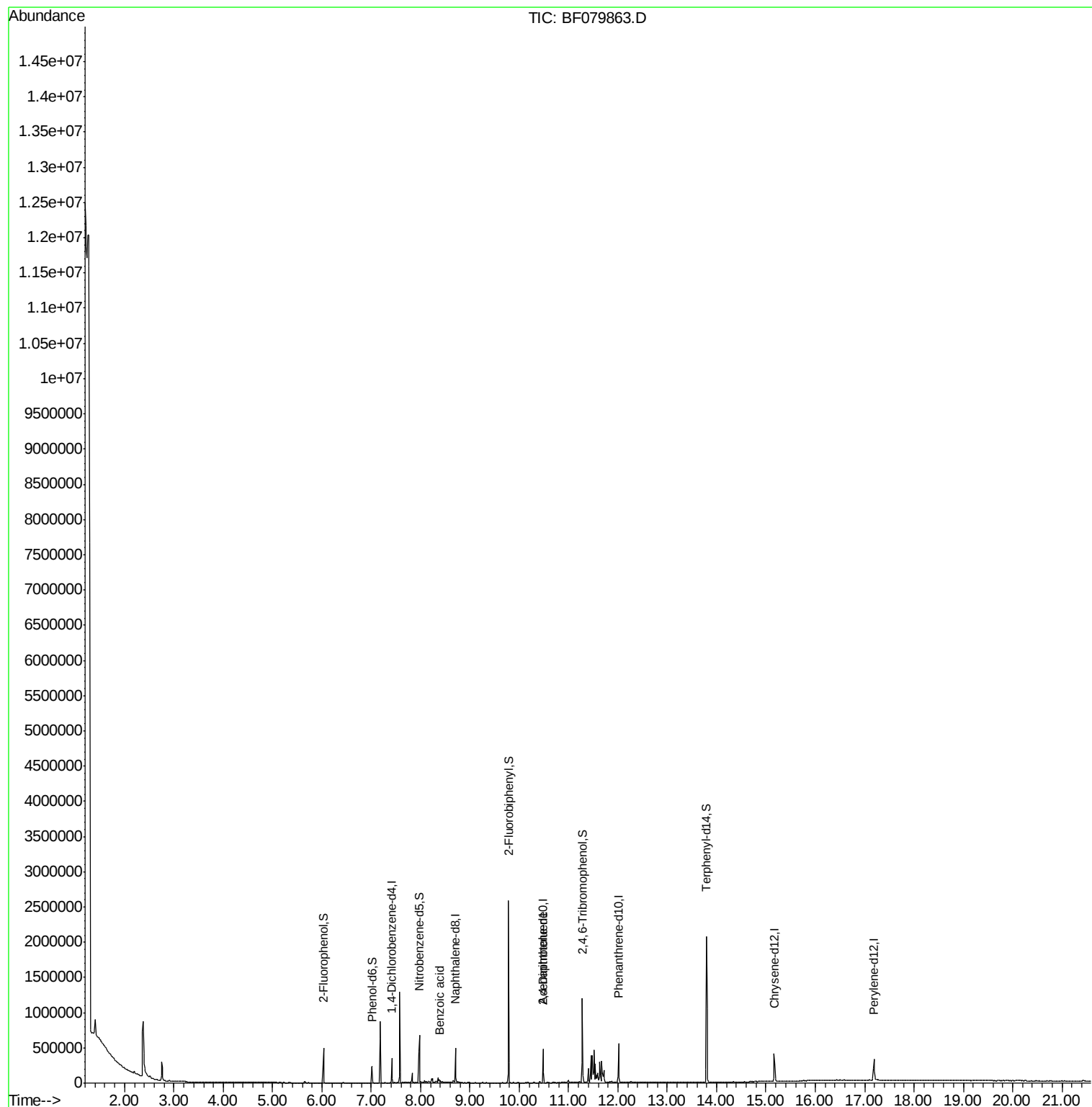
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	46818	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	187495	20.00	ng	0.00
38) Acenaphthene-d10	10.48	164	95326	20.00	ng	-0.01
63) Phenanthrene-d10	12.01	188	197314	20.00	ng	0.01
75) Chrysene-d12	15.17	240	195718	20.00	ng	0.09
86) Perylene-d12	17.19	264	181906	20.00	ng	0.16
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	142597	50.20	ng	0.00
7) Phenol-d6	7.02	99	117974	32.10	ng	0.00
23) Nitrobenzene-d5	7.98	82	257526	79.35	ng	0.00
41) 2,4,6-Tribromophenol	11.28	330	128571	155.85	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	703613	103.81	ng	0.00
78) Terphenyl-d14	13.79	244	819194	94.36	ng	0.06
Target Compounds						
32) Benzoic acid	8.38	122	281	9.32	ng	# 1
56) 2,4-Dinitrotoluene	10.48	165	11637	12.14	ng	# 32

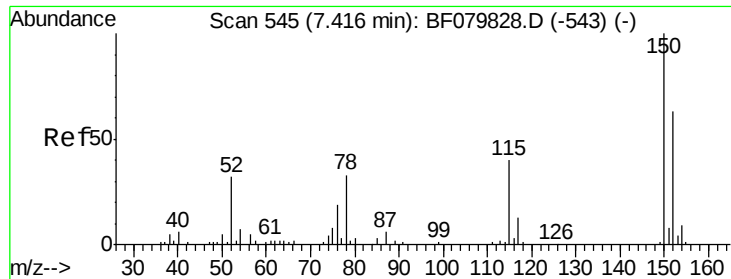
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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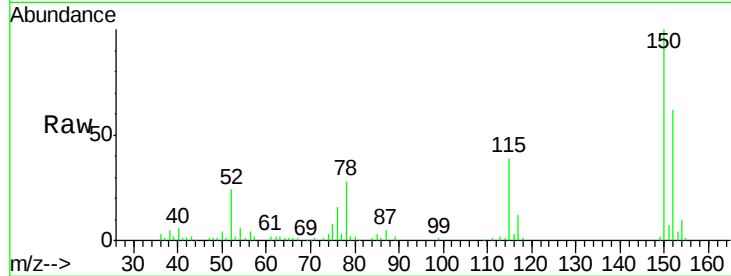


#1

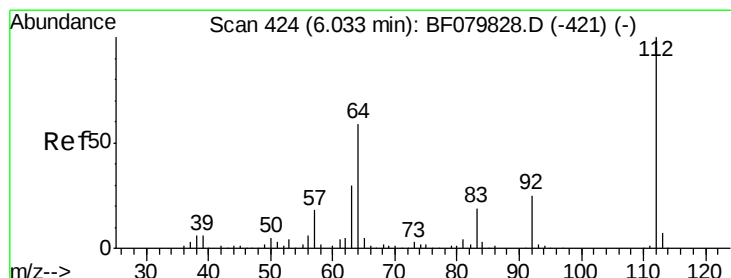
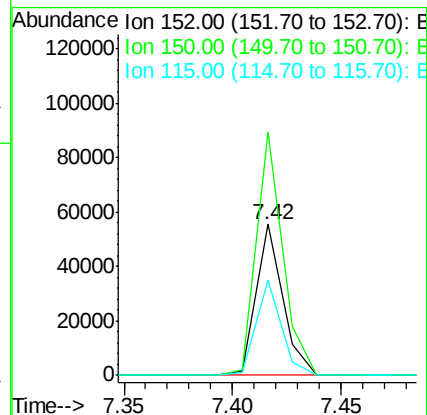
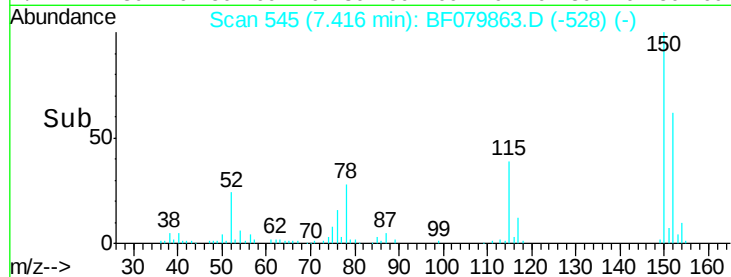
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.42 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF079863.D
Acq: 10 Jun 2015 14:21

Instrument :
BNA_F
ClientSampleId :
P5-12A(UNFILTERED)

Tgt Ion:152 Resp: 46818
Ion Ratio Lower Upper
152 100
150 160.9 131.4 197.2
115 62.5 56.5 84.7



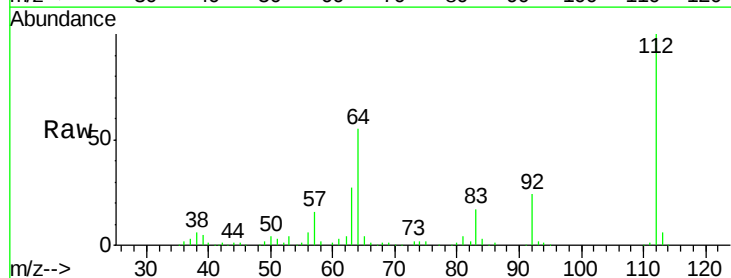
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



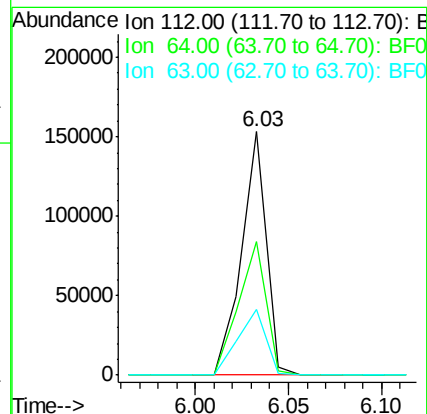
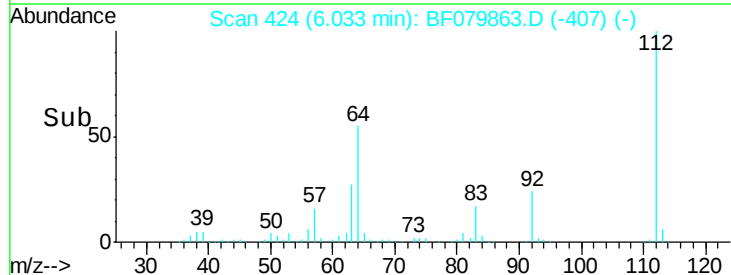
#5

2-Fluorophenol
Concen: 50.20 ng
RT: 6.03 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF079863.D
Acq: 10 Jun 2015 14:21

Tgt Ion:112 Resp: 142597
Ion Ratio Lower Upper
112 100
64 54.8 44.2 66.4
63 26.9 22.8 34.2



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: 32.10 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079863.D

Acq: 10 Jun 2015 14:21

Instrument :

BNA_F

ClientSampleId :

P5-12A(UNFILTERED)

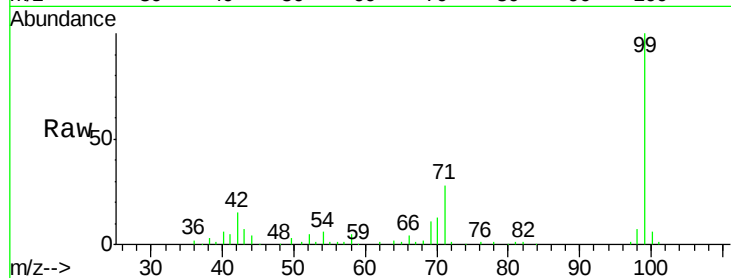
Tgt Ion: 99 Resp: 117974

Ion Ratio Lower Upper

99 100

42 14.9 13.7 20.5

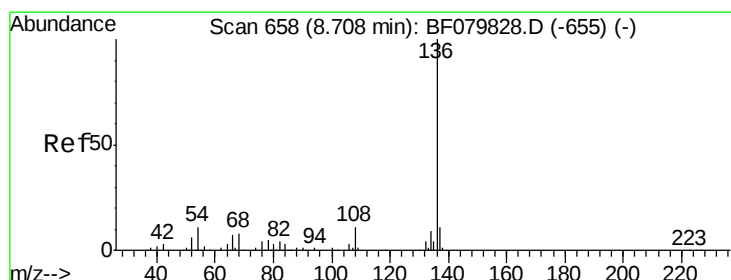
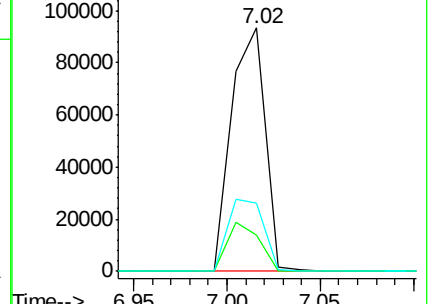
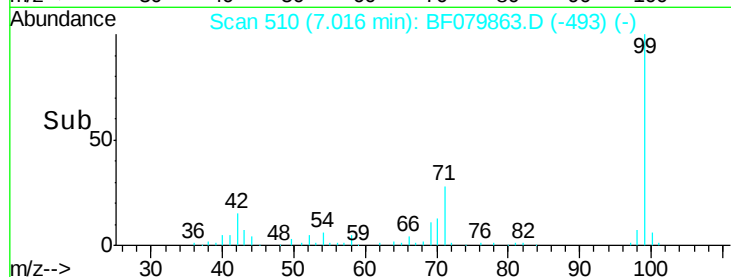
71 28.1 25.1 37.7



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: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079863.D

Acq: 10 Jun 2015 14:21

Tgt Ion: 136 Resp: 187495

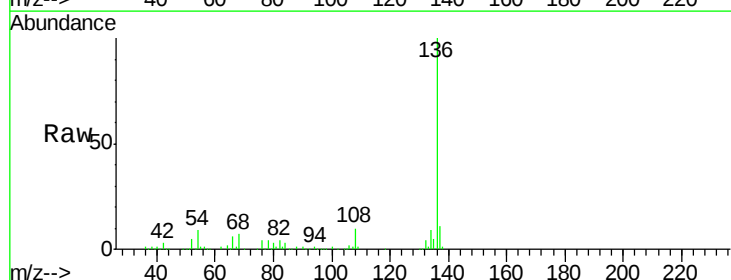
Ion Ratio Lower Upper

136 100

137 10.9 9.3 13.9

54 8.9 8.1 12.1

68 6.6 4.8 7.2

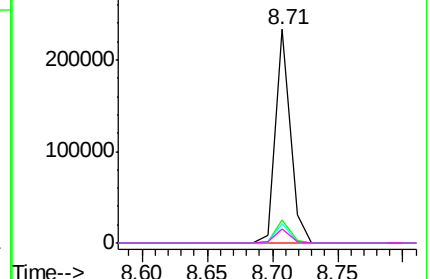
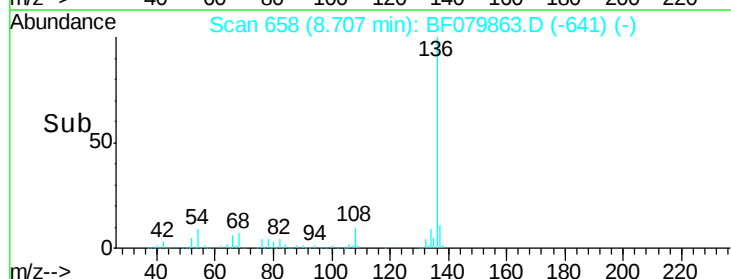


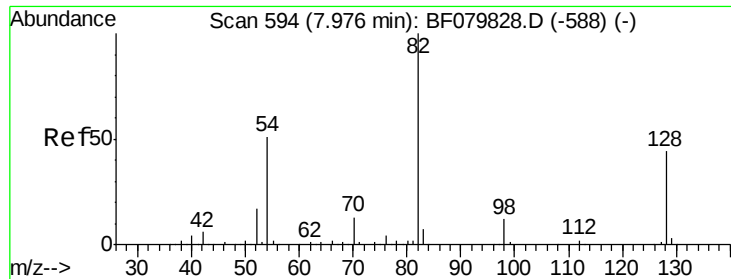
Abundance Ion 136.00 (135.70 to 136.70): E

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

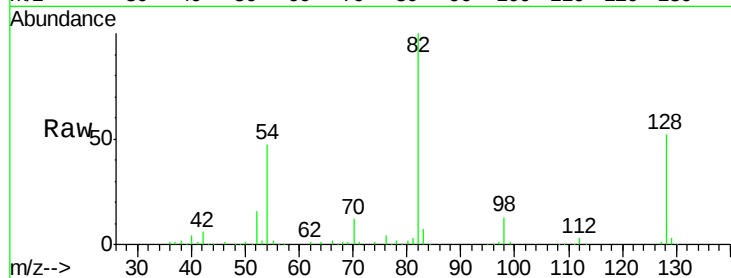




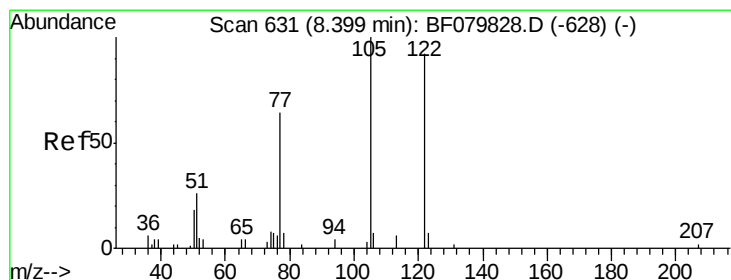
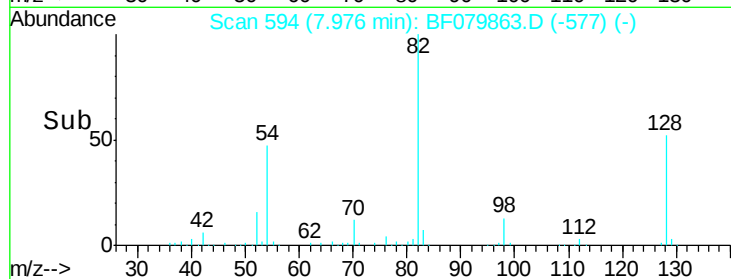
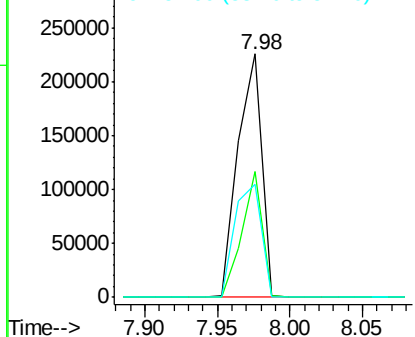
#23
 Nitrobenzene-d5
 Concen: 79.35 ng
 RT: 7.98 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF079863.D
 Acq: 10 Jun 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 P5-12A(UNFILTERED)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.9	35.2	52.8
54	46.5	39.2	58.8

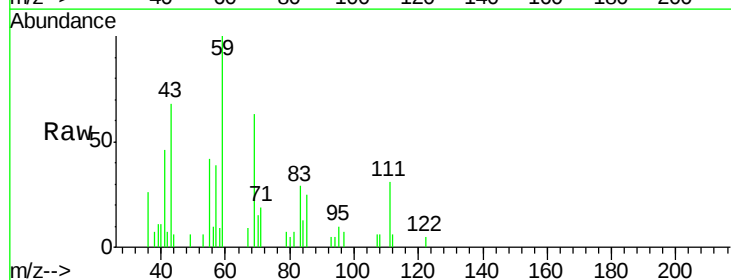


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

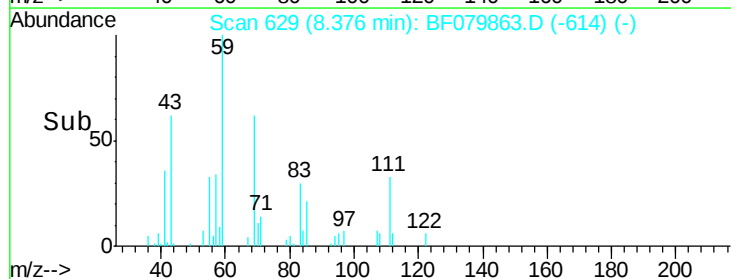
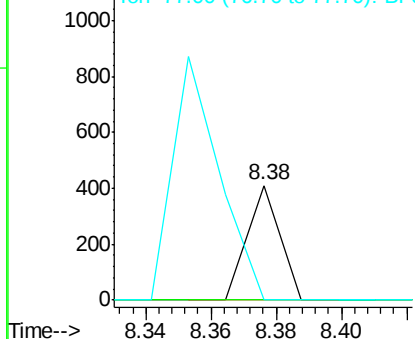


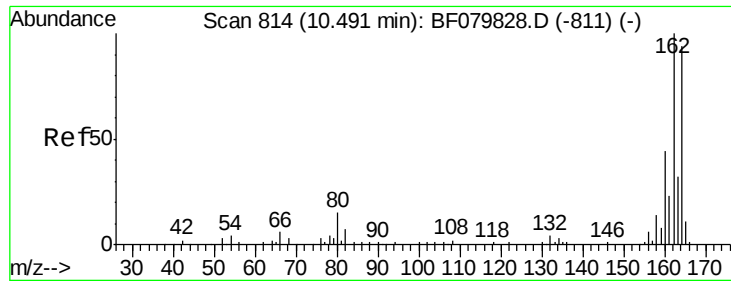
#32
 Benzoic acid
 Concen: 9.32 ng
 RT: 8.38 min Scan# 629
 Delta R.T. -0.02 min
 Lab File: BF079863.D
 Acq: 10 Jun 2015 14:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	106.2	146.2#
77	0.0	81.6	121.6#



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

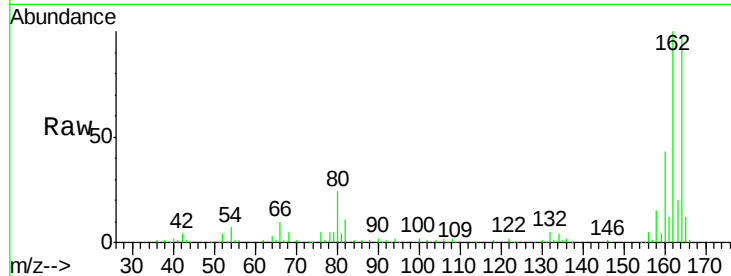




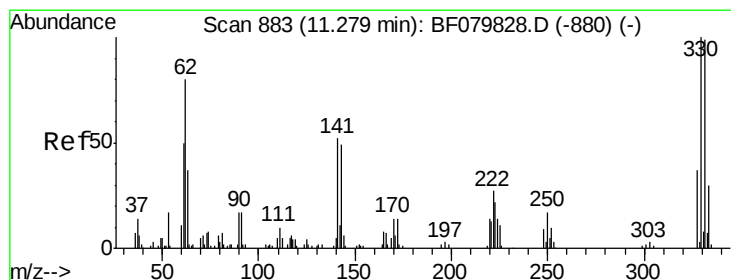
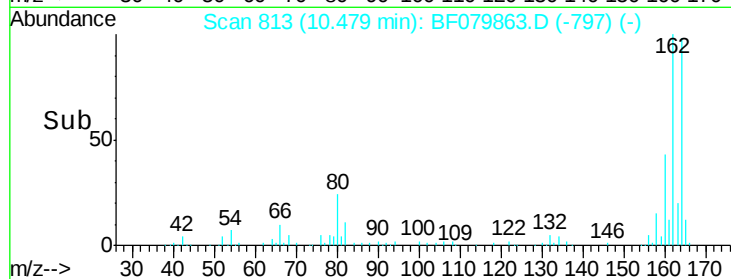
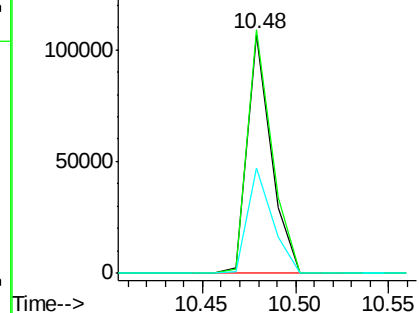
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.48 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF079863.D
 Acq: 10 Jun 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 P5-12A(UNFILTERED)

Tgt Ion:164 Resp: 95326
 Ion Ratio Lower Upper
 164 100
 162 101.9 89.8 134.8
 160 43.9 39.6 59.4

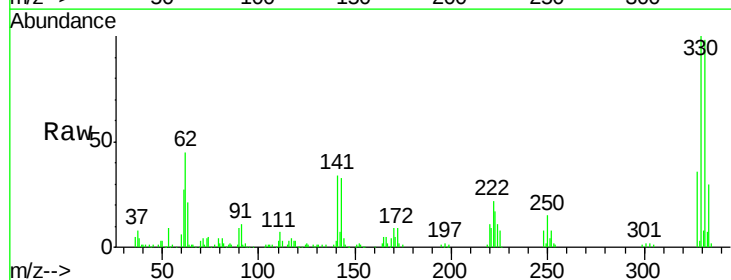


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

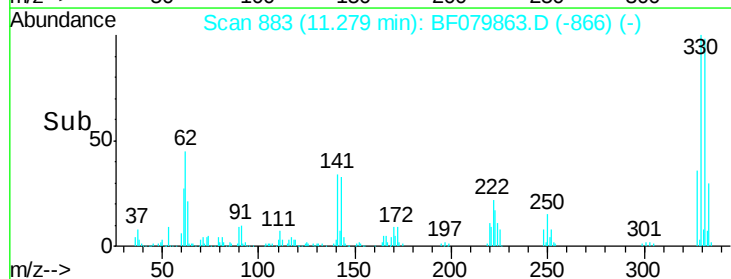
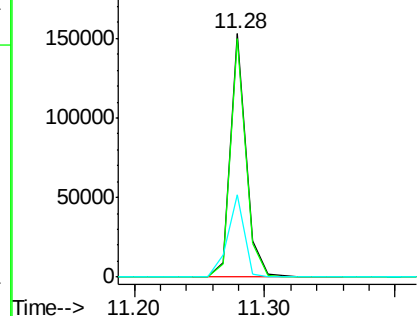


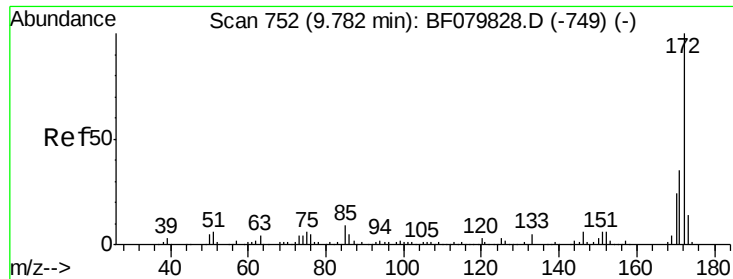
#41
 2,4,6-Tribromophenol
 Concen: 155.85 ng
 RT: 11.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF079863.D
 Acq: 10 Jun 2015 14:21

Tgt Ion:330 Resp: 128571
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.8 115.2
 141 36.6 29.1 43.7



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

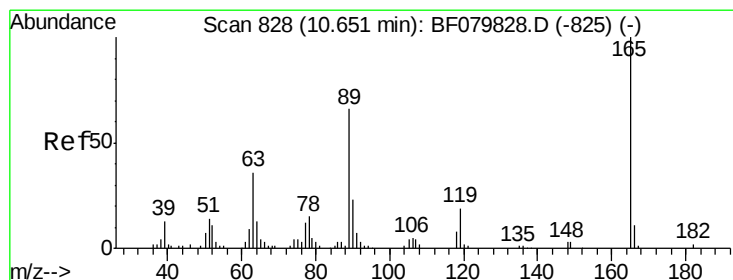
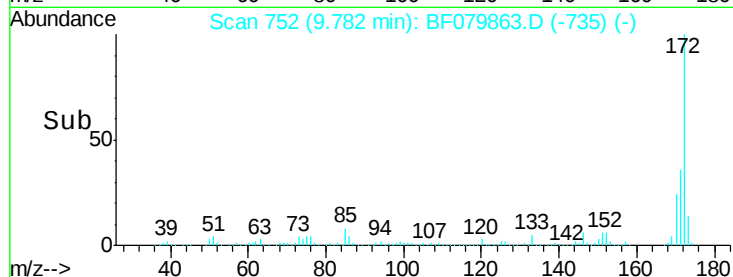
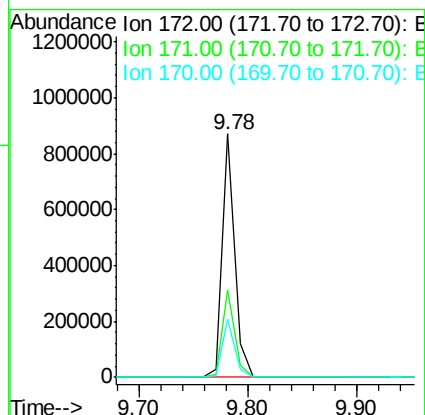
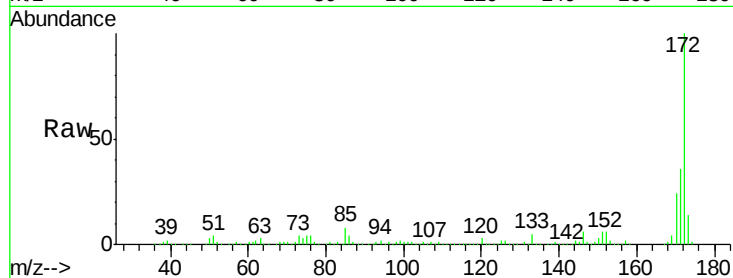




#44
 2-Fluorobiphenyl
 Concen: 103.81 ng
 RT: 9.78 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF079863.D
 Acq: 10 Jun 2015 14:21

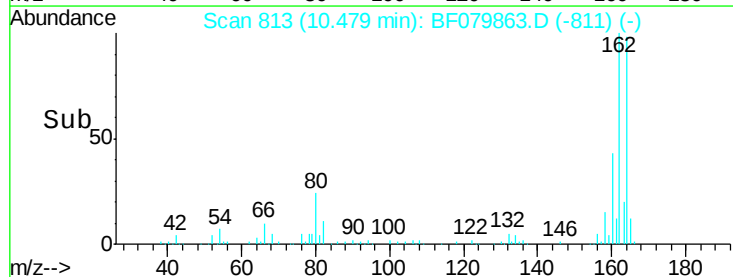
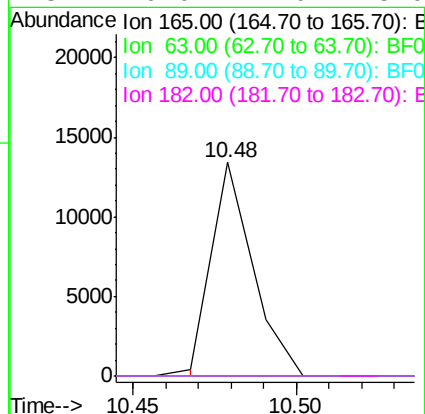
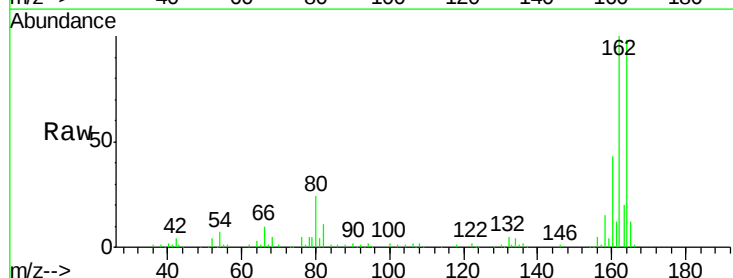
Instrument :
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 P5-12A(UNFILTERED)

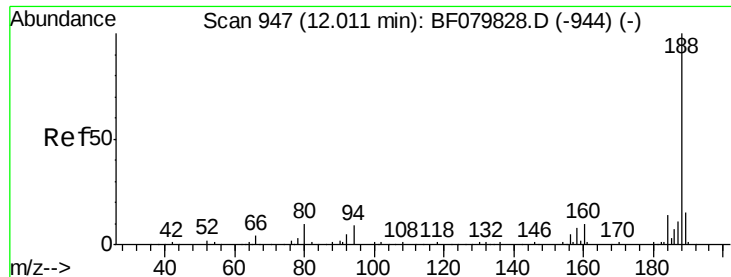
Tgt Ion:172 Resp: 703613
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.5 42.7
 170 24.0 18.8 28.2



#56
 2,4-Dinitrotoluene
 Concen: 12.14 ng
 RT: 10.48 min Scan# 813
 Delta R.T. -0.17 min
 Lab File: BF079863.D
 Acq: 10 Jun 2015 14:21

Tgt Ion:165 Resp: 11637
 Ion Ratio Lower Upper
 165 100
 63 0.0 24.4 36.6#
 89 0.0 45.3 67.9#
 182 0.0 2.0 3.0#

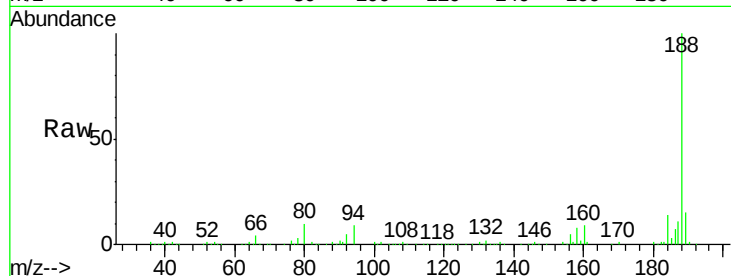




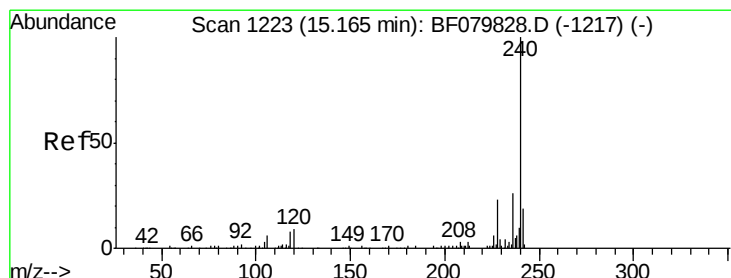
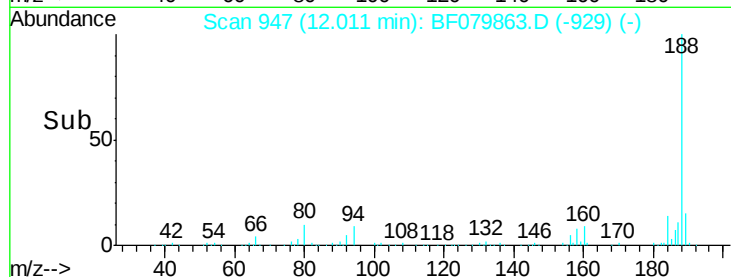
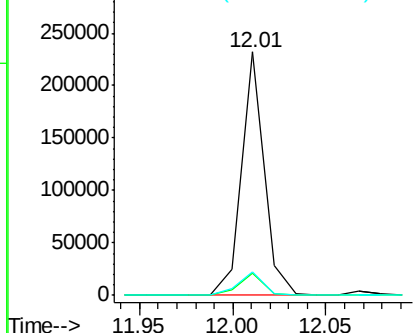
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.01 min Scan# 947
Delta R.T. 0.01 min
Lab File: BF079863.D
Acq: 10 Jun 2015 14:21

Instrument :
BNA_F
ClientSampleId :
P5-12A(UNFILTERED)

Tgt Ion:188 Resp: 197314
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.0
80 9.9 8.0 12.0

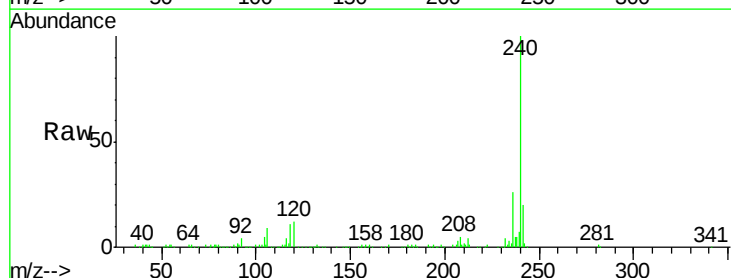


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

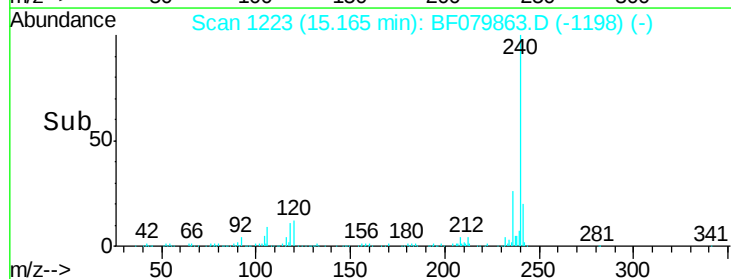
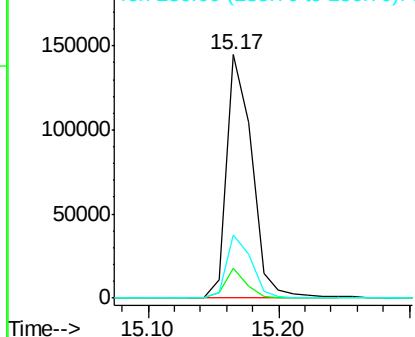


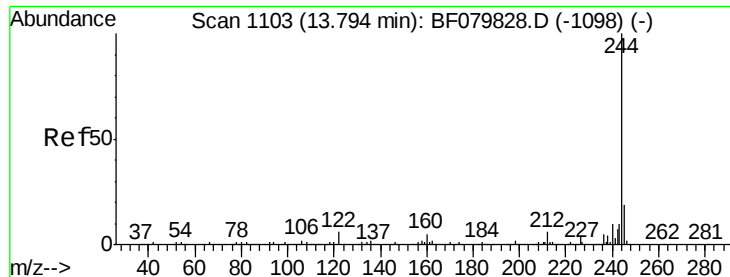
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1223
Delta R.T. 0.09 min
Lab File: BF079863.D
Acq: 10 Jun 2015 14:21

Tgt Ion:240 Resp: 195718
Ion Ratio Lower Upper
240 100
120 12.2 6.6 9.8#
236 25.9 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

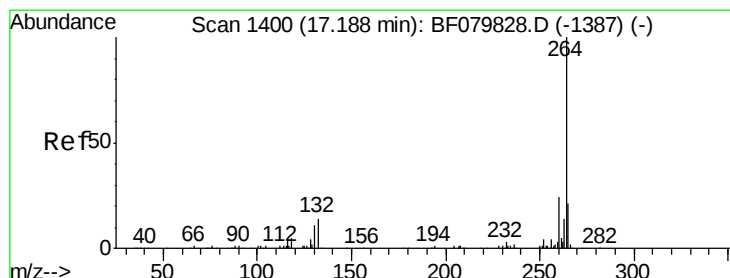
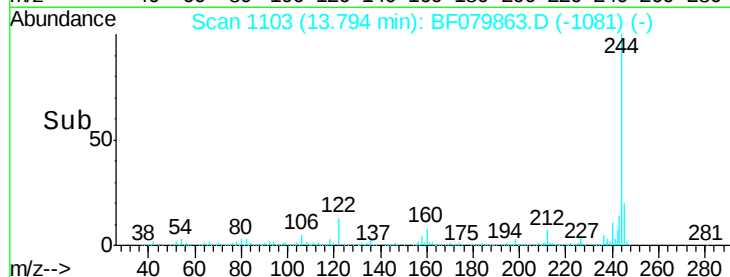
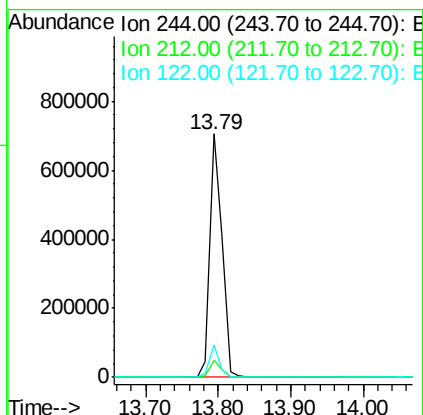
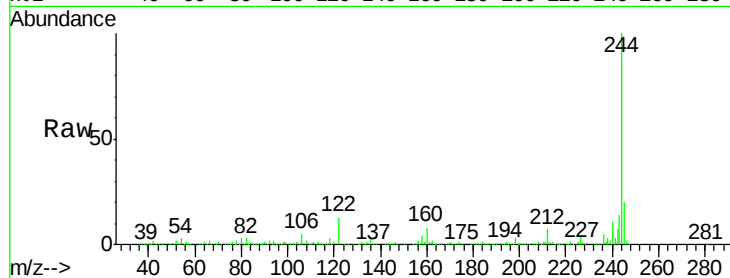




#78
 Terphenyl-d14
 Concen: 94.36 ng
 RT: 13.79 min Scan# 1103
 Delta R.T. 0.06 min
 Lab File: BF079863.D
 Acq: 10 Jun 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 P5-12A(UNFILTERED)

Tgt Ion:244 Resp: 819194
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 13.2 8.2 12.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.19 min Scan# 1400
 Delta R.T. 0.16 min
 Lab File: BF079863.D
 Acq: 10 Jun 2015 14:21

Tgt Ion:264 Resp: 181906
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 20.6 18.0 27.0

