

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095960.D
 Acq On : 16 Jun 2017 17:37
 Operator : SJ/MA
 Sample : I3684-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 16 23:02:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

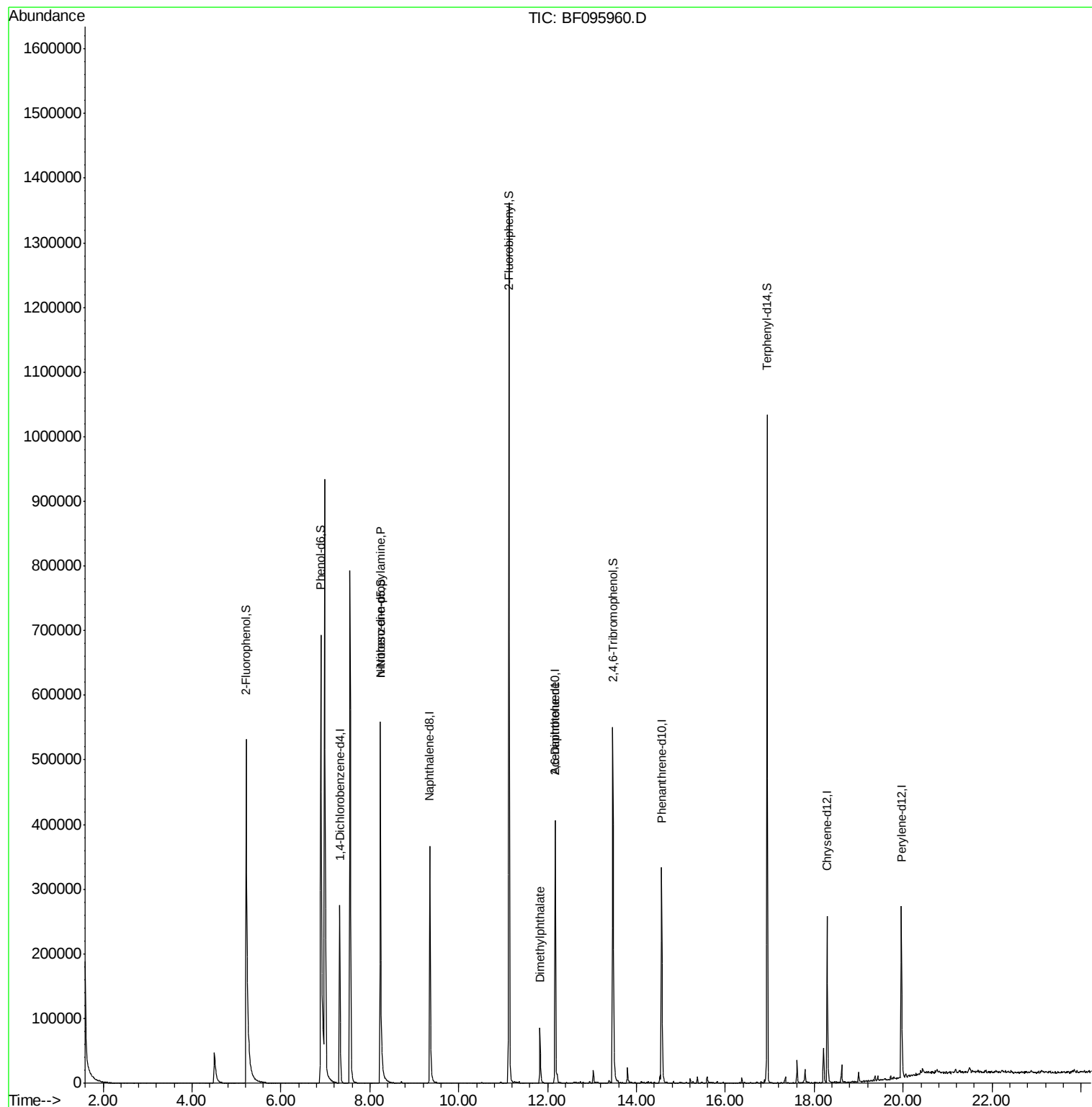
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	67556	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	277348	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	122075	20.00	ng	-0.01
63) Phenanthrene-d10	14.56	188	195404	20.00	ng	0.00
75) Chrysene-d12	18.29	240	132380	20.00	ng	0.00
86) Perylene-d12	19.96	264	131008	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	405491	95.64	ng	0.00
7) Phenol-d6	6.90	99	512322	100.94	ng	-0.01
23) Nitrobenzene-d5	8.24	82	298218	66.78	ng	-0.01
41) 2,4,6-Tribromophenol	13.47	330	99580	92.20	ng	-0.01
44) 2-Fluorobiphenyl	11.13	172	613822	69.97	ng	0.00
78) Terphenyl-d14	16.94	244	398653	74.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.24	70	36209	11.26	ng	# 75
49) Dimethylphthalate	11.83	163	64013	6.91	ng	98
50) 2,6-Dinitrotoluene	12.17	165	14929	7.38	ng	# 31

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

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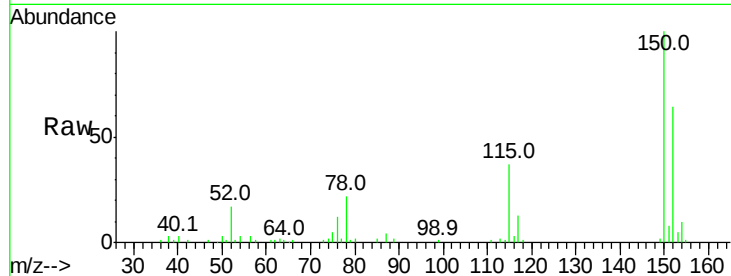


#1

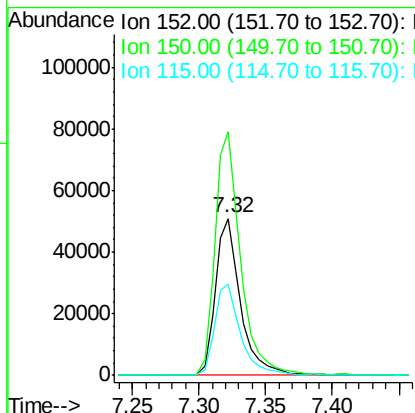
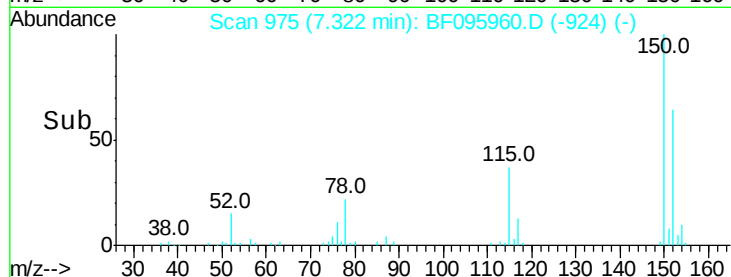
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.32 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF095960.D
 Acq: 16 Jun 2017 17:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 67556
 Ion Ratio Lower Upper
 152 100
 150 155.4 126.2 189.2
 115 58.0 52.2 78.2



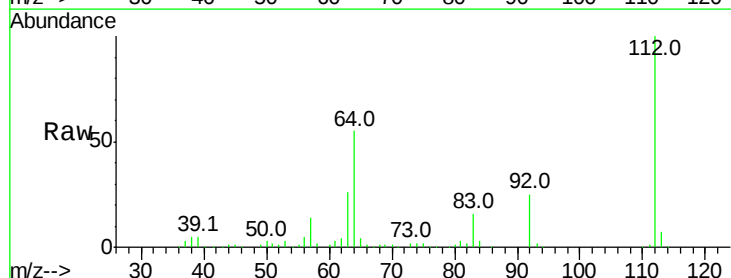
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



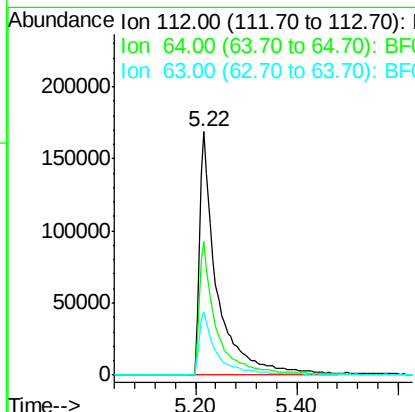
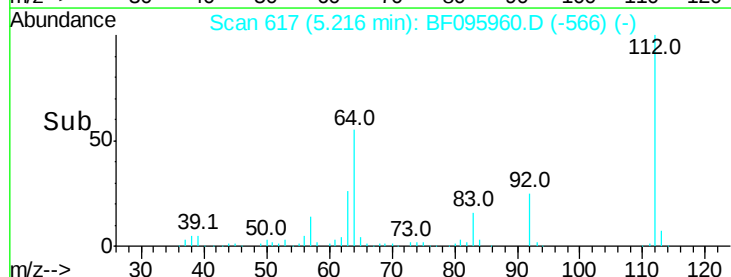
#5

2-Fluorophenol
 Concen: 95.64 ng
 RT: 5.22 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF095960.D
 Acq: 16 Jun 2017 17:37

Tgt Ion:112 Resp: 405491
 Ion Ratio Lower Upper
 112 100
 64 54.6 46.0 69.0
 63 25.7 23.4 35.0



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: 100.94 ng

RT: 6.90 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF095960.D

Acq: 16 Jun 2017 17:37

Instrument :

BNA_F

ClientSampleId :

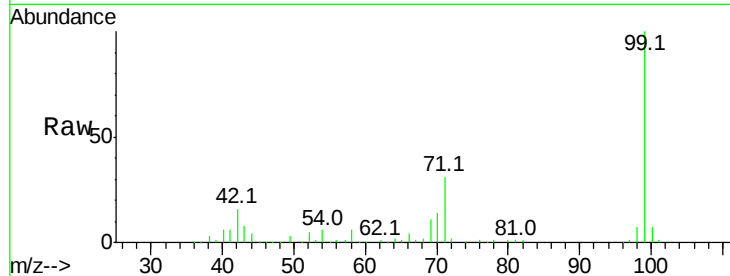
Tot Ion: 99 Resp: 512322

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

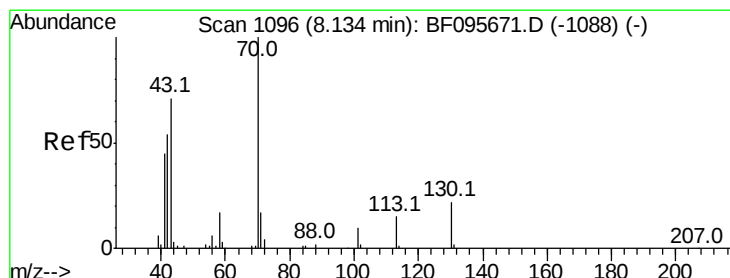
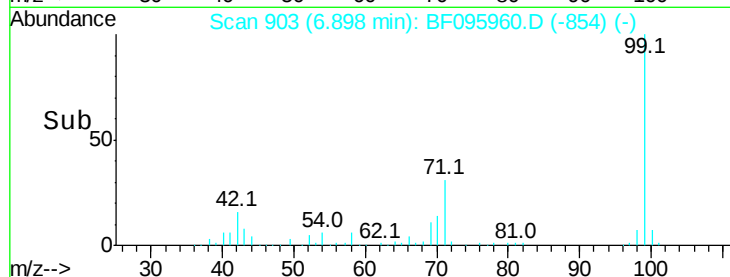
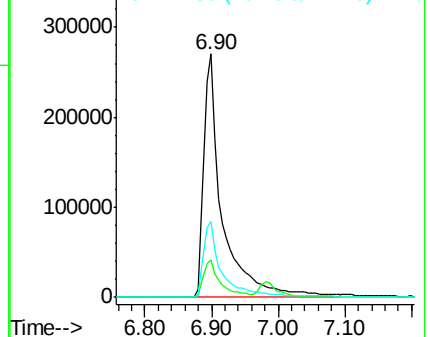
71 31.1 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.26 ng

RT: 8.24 min Scan# 1131

Delta R.T. 0.17 min

Lab File: BF095960.D

Acq: 16 Jun 2017 17:37

Tgt Ion: 70 Resp: 36209

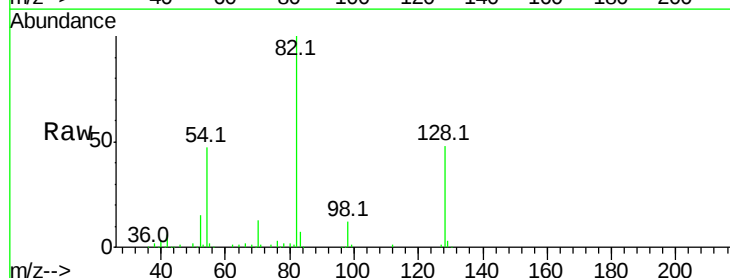
Ion Ratio Lower Upper

70 100

42 43.5 47.2 70.8#

101 0.0 7.2 10.8#

130 3.3 15.9 23.9#

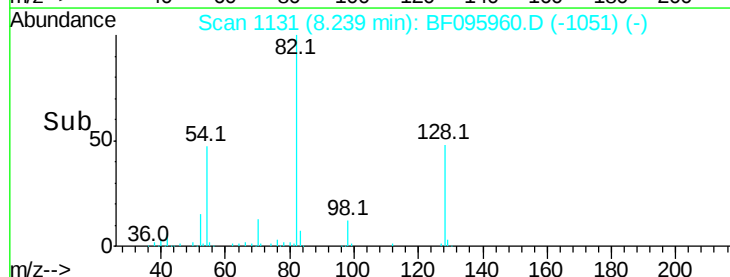
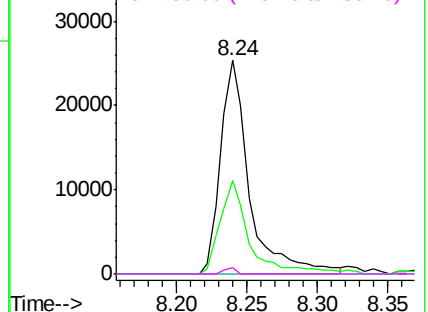


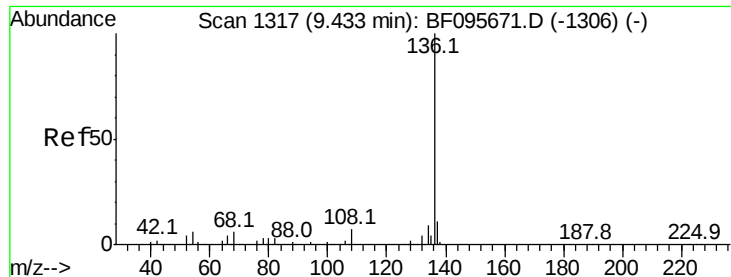
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.35 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF095960.D

Acq: 16 Jun 2017 17:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 277348

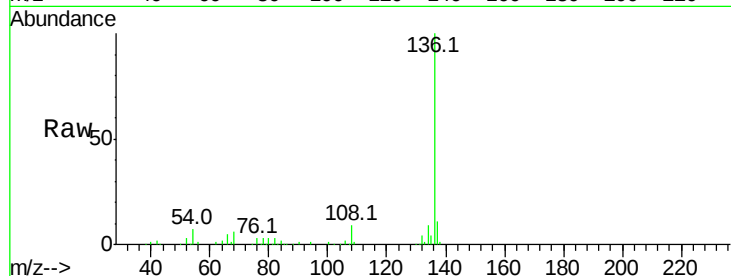
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.0 4.9 7.3

68 5.6 4.1 6.1

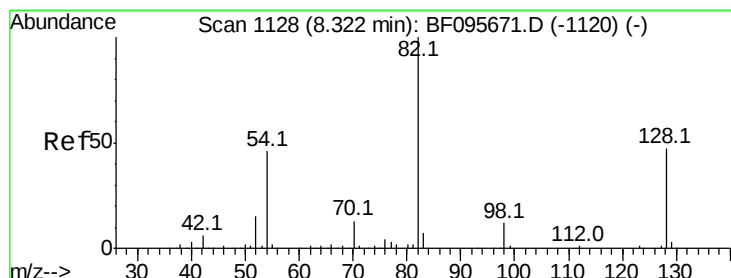
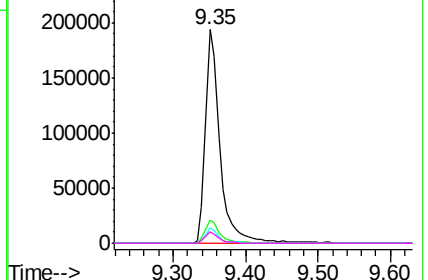
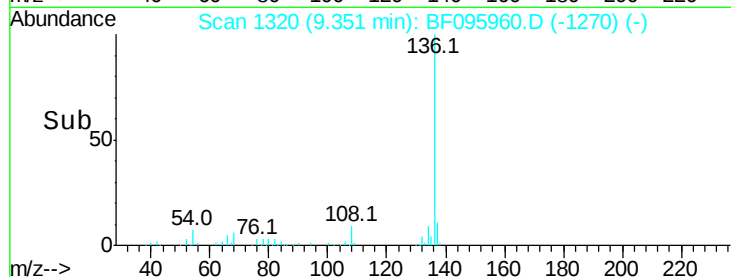


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.78 ng

RT: 8.24 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF095960.D

Acq: 16 Jun 2017 17:37

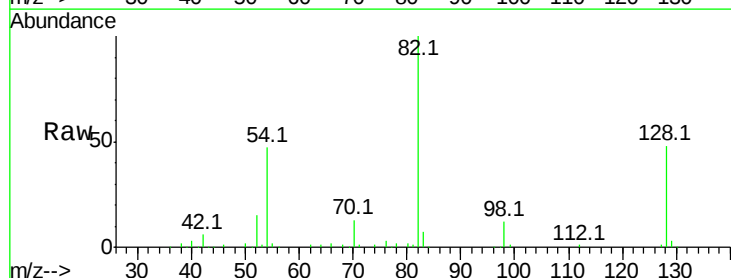
Tgt Ion: 82 Resp: 298218

Ion Ratio Lower Upper

82 100

128 48.1 34.0 51.0

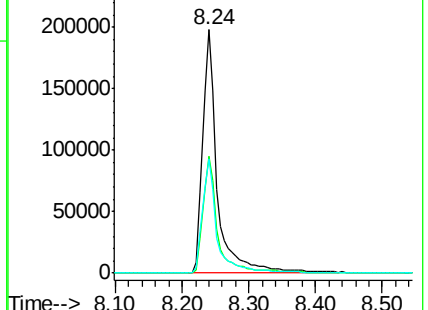
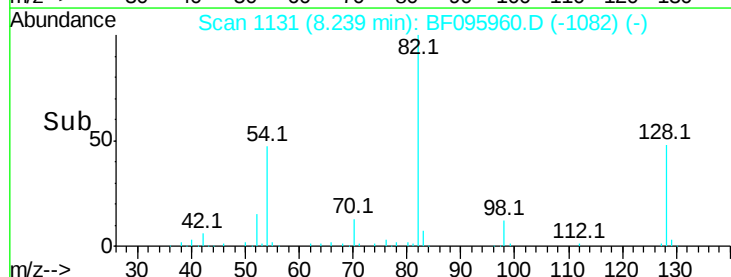
54 46.8 42.2 63.2



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

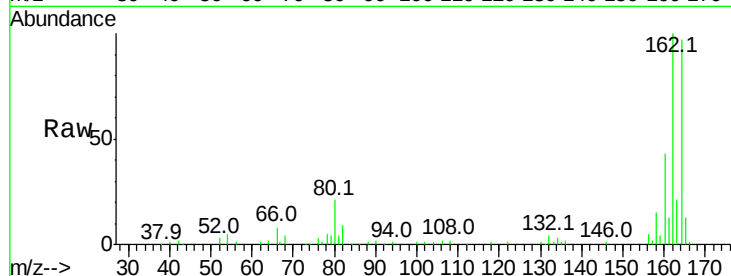




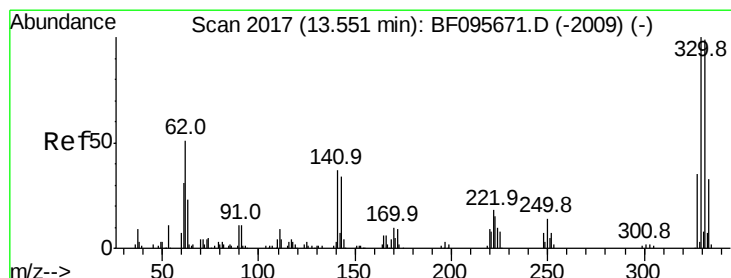
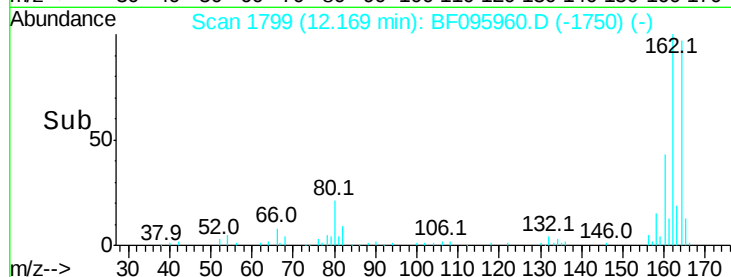
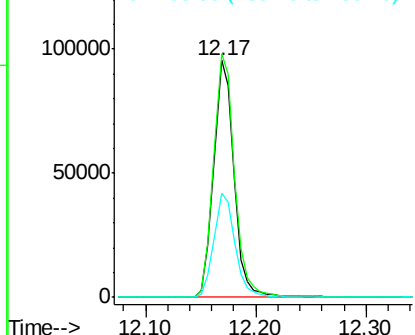
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.17 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF095960.D
Acq: 16 Jun 2017 17:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 122075
Ion Ratio Lower Upper
164 100
162 102.7 82.6 123.8
160 44.0 36.2 54.2

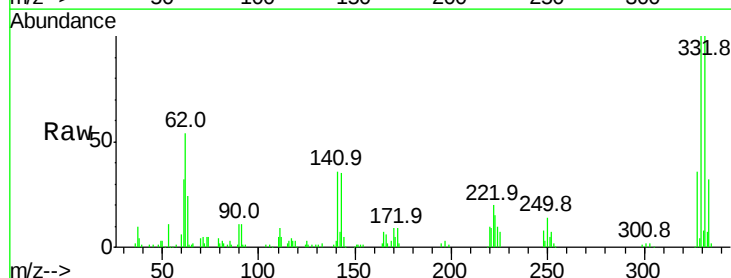


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

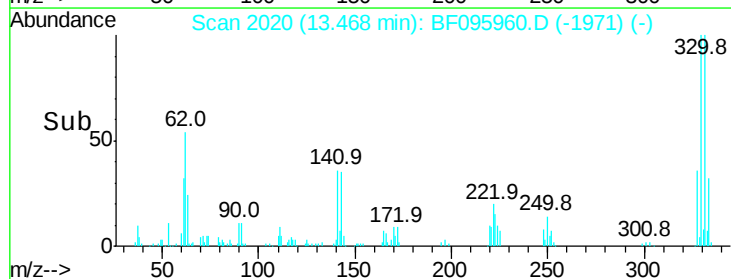
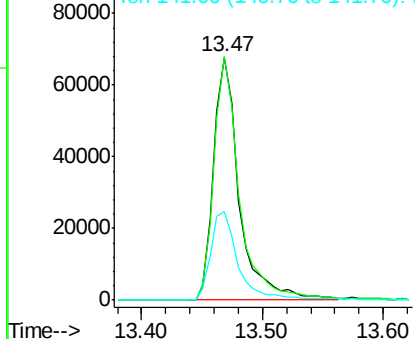


#41
2,4,6-Tribromophenol
Concen: 92.20 ng
RT: 13.47 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF095960.D
Acq: 16 Jun 2017 17:37

Tgt Ion:330 Resp: 99580
Ion Ratio Lower Upper
330 100
332 101.2 76.6 115.0
141 39.0 31.4 47.2



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

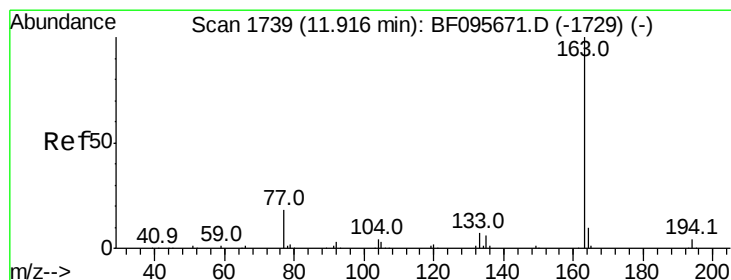
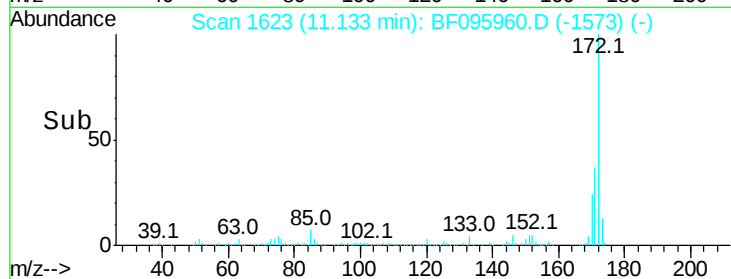
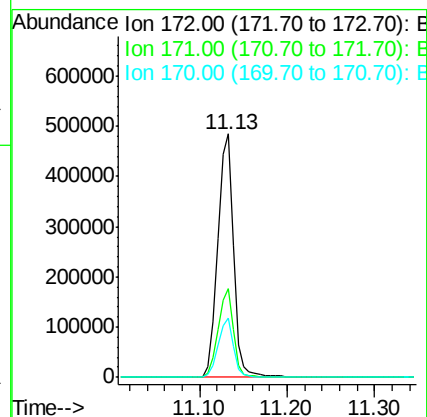
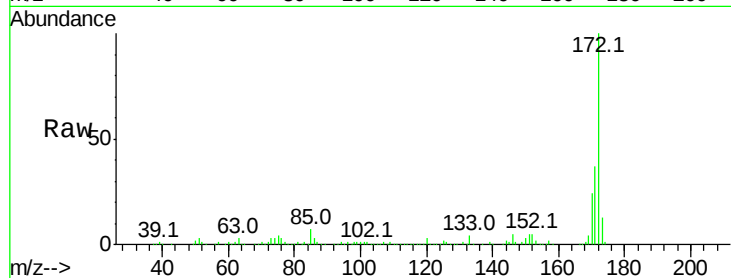




#44
2-Fluorobiphenyl
Concen: 69.97 ng
RT: 11.13 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BF095960.D
Acq: 16 Jun 2017 17:37

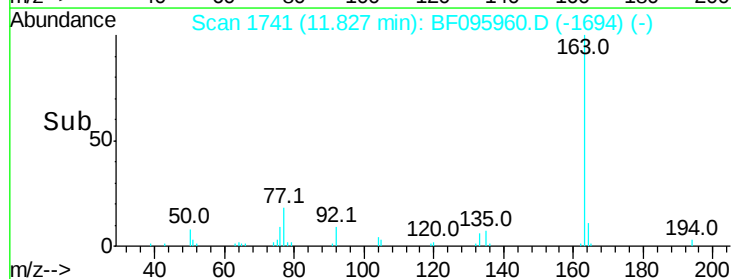
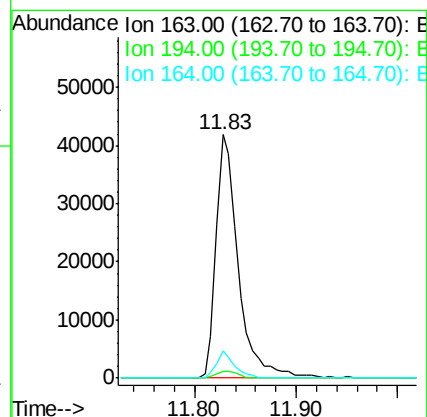
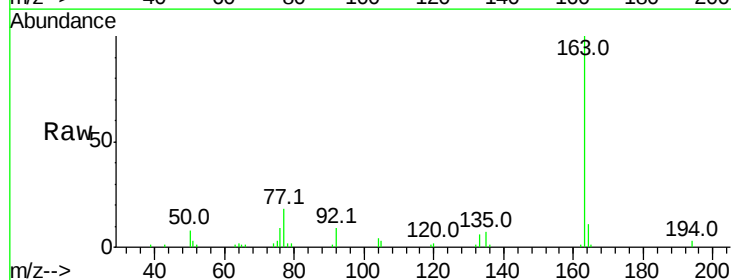
Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 613822
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.1 19.8 29.8



#49
Dimethylphthalate
Concen: 6.91 ng
RT: 11.83 min Scan# 1741
Delta R.T. -0.02 min
Lab File: BF095960.D
Acq: 16 Jun 2017 17:37

Tgt Ion:163 Resp: 64013
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 11.4 8.4 12.6

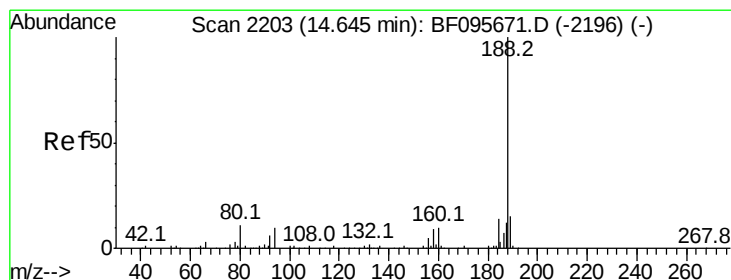
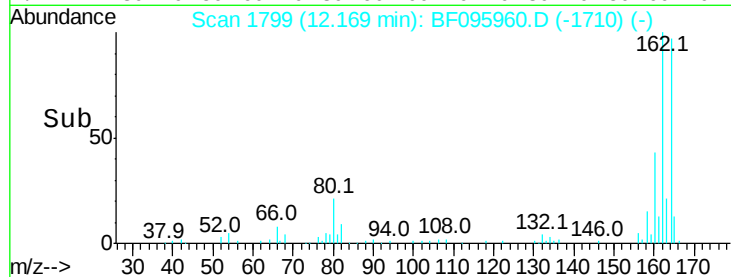
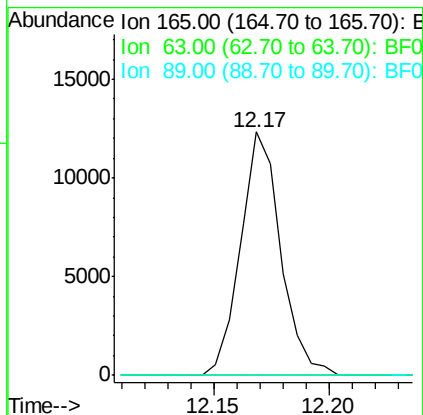
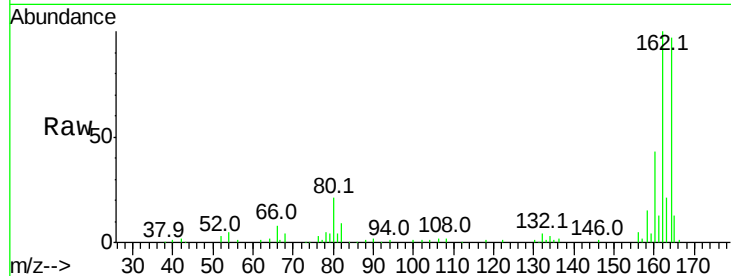




#50
 2,6-Dinitrotoluene
 Concen: 7.38 ng
 RT: 12.17 min Scan# 1799
 Delta R.T. 0.22 min
 Lab File: BF095960.D
 Acq: 16 Jun 2017 17:37

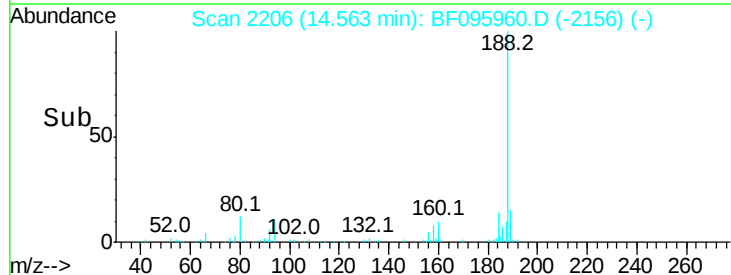
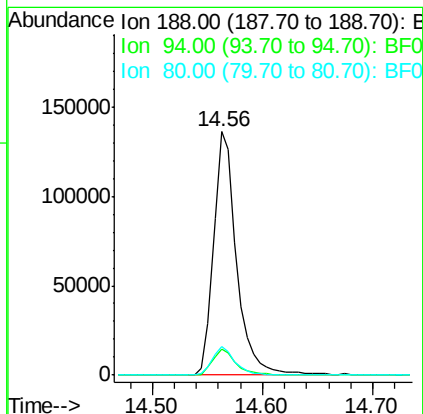
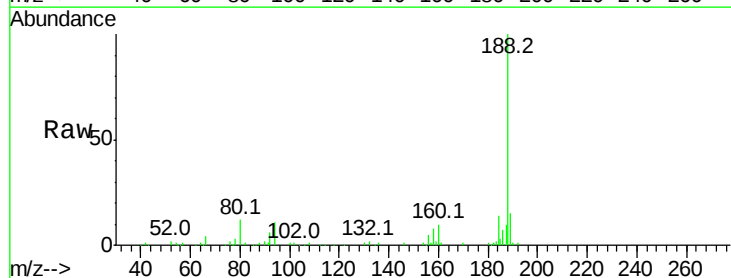
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.56 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BF095960.D
 Acq: 16 Jun 2017 17:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.7	10.2	15.2

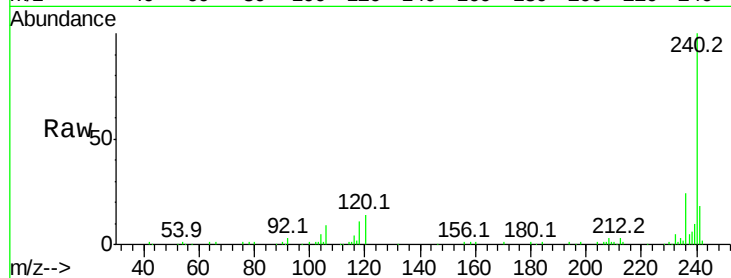




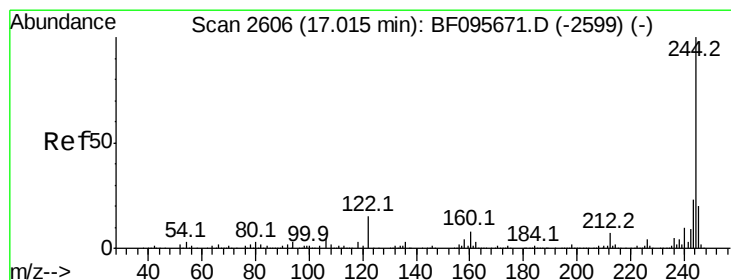
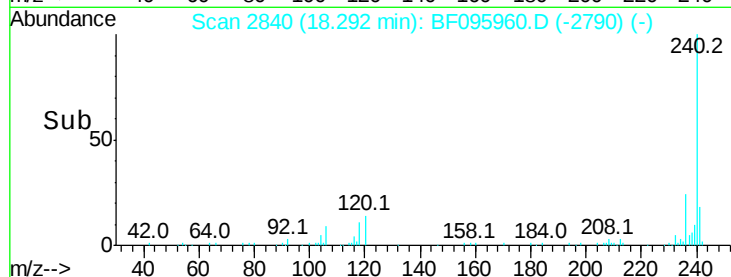
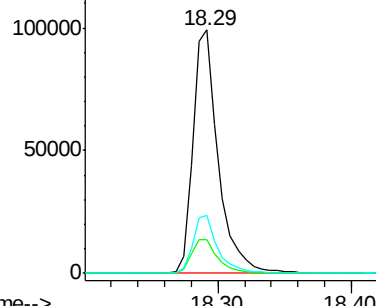
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.29 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BF095960.D
 Acq: 16 Jun 2017 17:37

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:240 Resp: 132380
 Ion Ratio Lower Upper
 240 100
 120 13.8 5.8 8.8#
 236 23.8 20.5 30.7

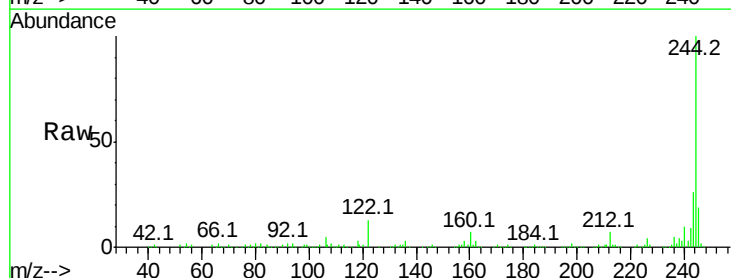


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

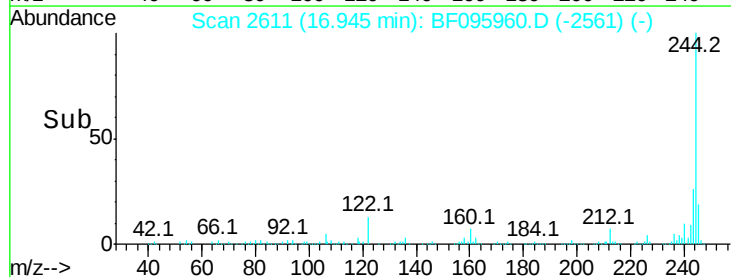
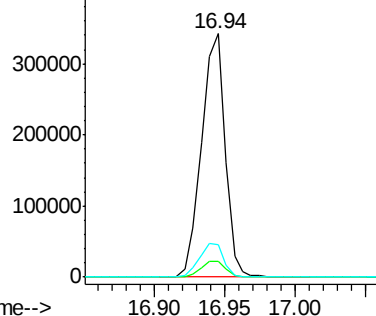


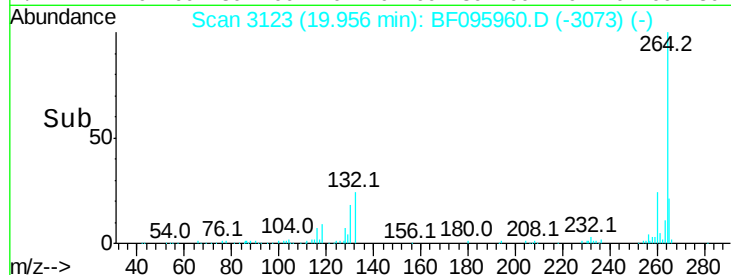
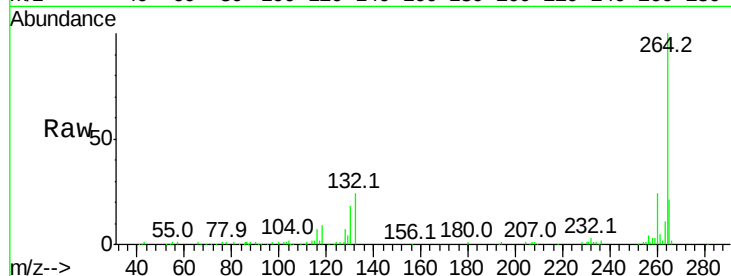
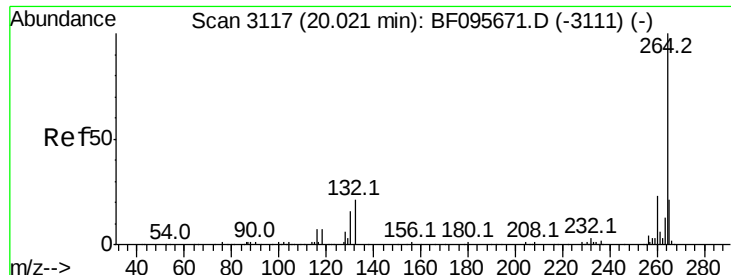
#78
 Terphenyl-d14
 Concen: 74.74 ng
 RT: 16.94 min Scan# 2611
 Delta R.T. -0.01 min
 Lab File: BF095960.D
 Acq: 16 Jun 2017 17:37

Tgt Ion:244 Resp: 398653
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 13.3 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
 Pervlene-d12
 Concen: 20.00 ng
 RT: 19.96 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF095960.D
 Acq: 16 Jun 2017 17:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	131008
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.3	17.2	25.8

