

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
 Data File : BF095746.D
 Acq On : 7 Jun 2017 15:15
 Operator : SJ/MA
 Sample : PB99520BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 08 04:05:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

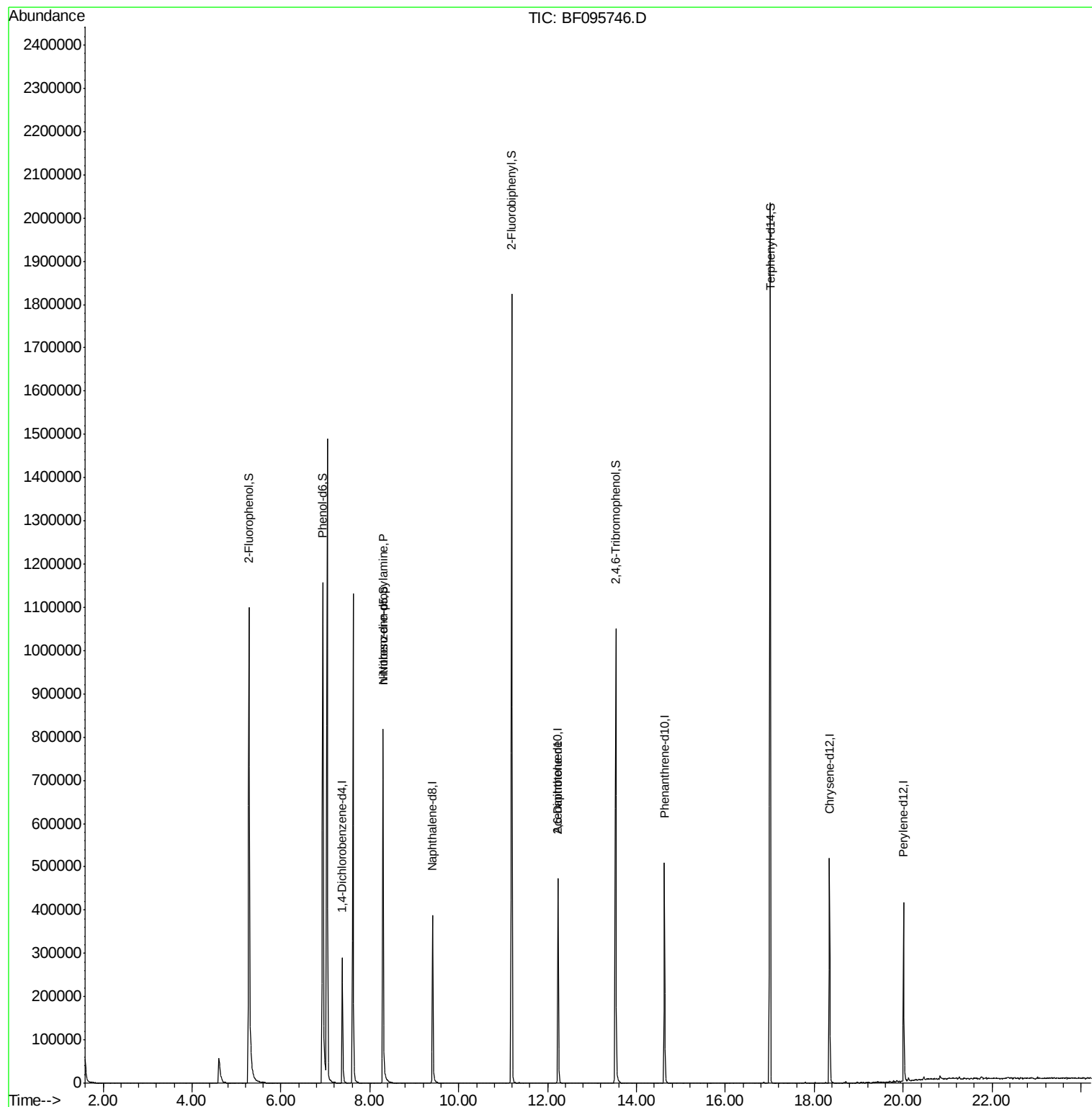
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	69138	20.00	ng	-0.02
21) Naphthalene-d8	9.41	136	286635	20.00	ng	-0.02
38) Acenaphthene-d10	12.23	164	139882	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	275699	20.00	ng	-0.02
75) Chrysene-d12	18.34	240	244488	20.00	ng	-0.01
86) Perylene-d12	20.01	264	192453	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	603373	139.06	ng	0.00
7) Phenol-d6	6.94	99	719897	138.59	ng	-0.02
23) Nitrobenzene-d5	8.30	82	418584	90.69	ng	-0.02
41) 2,4,6-Tribromophenol	13.53	330	180768	146.06	ng	-0.02
44) 2-Fluorobiphenyl	11.20	172	911976	90.73	ng	-0.02
78) Terphenyl-d14	17.01	244	908282	92.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.30	70	52930	16.08	ng	# 74
50) 2,6-Dinitrotoluene	12.23	165	17281	7.46	ng	# 31

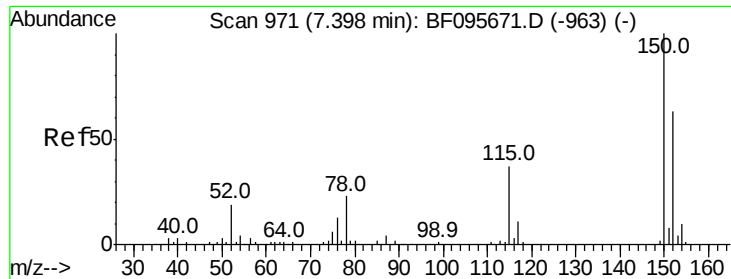
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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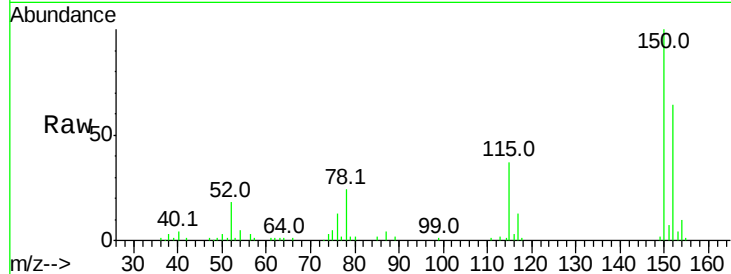


#1

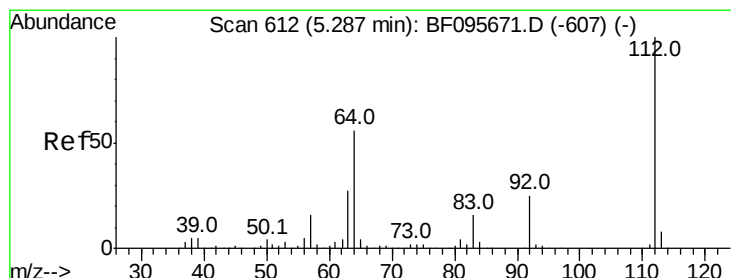
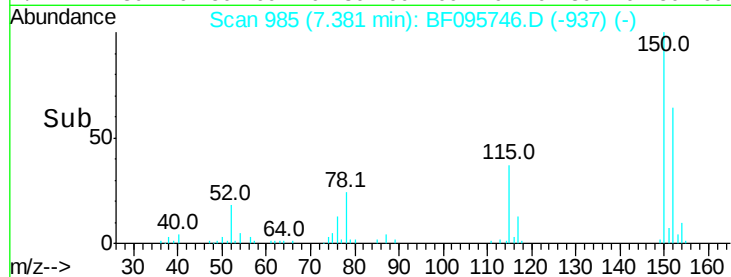
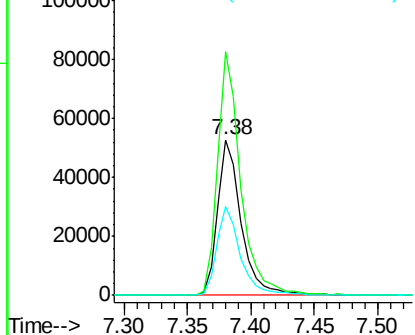
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF095746.D
Acq: 7 Jun 2017 15:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 69138
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.2
115 57.2 52.2 78.2



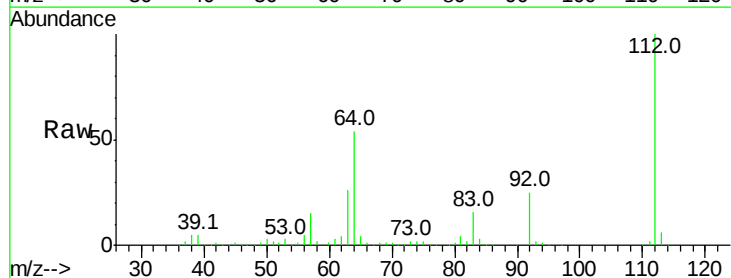
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



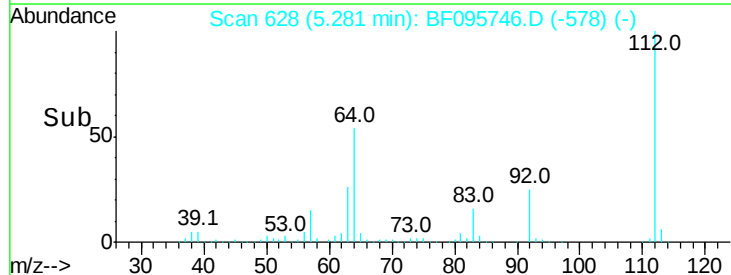
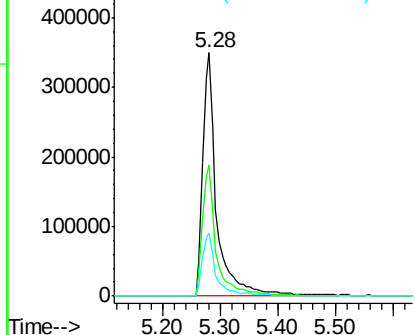
#5

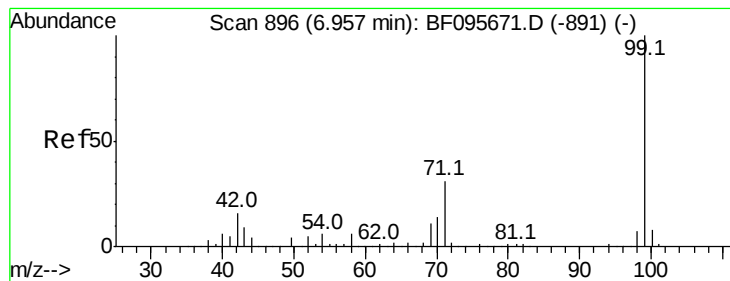
2-Fluorophenol
Concen: 139.06 ng
RT: 5.28 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF095746.D
Acq: 7 Jun 2017 15:15

Tgt Ion:112 Resp: 603373
Ion Ratio Lower Upper
112 100
64 53.6 46.0 69.0
63 25.9 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: 138.59 ng

RT: 6.94 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF095746.D

Acq: 7 Jun 2017 15:15

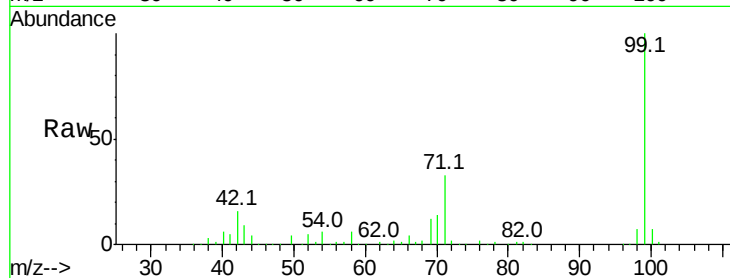
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 719897

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.5	20.3
71	32.7	24.5	36.7

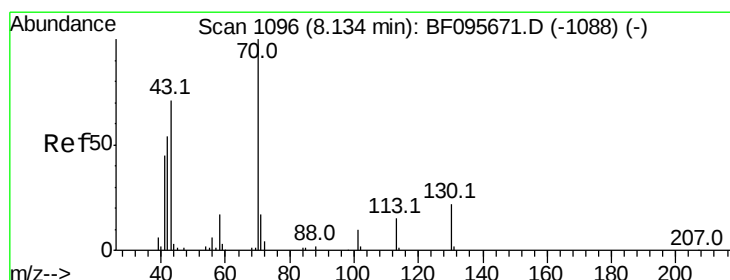
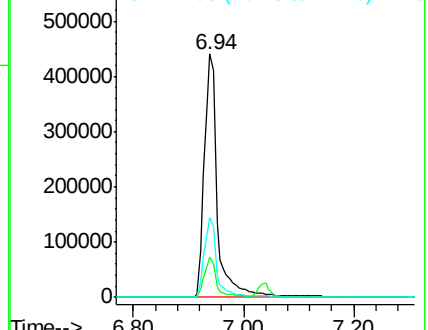
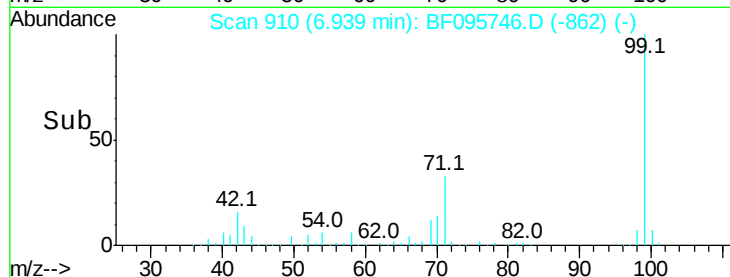


Abundance

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: 16.08 ng

RT: 8.30 min Scan# 1141

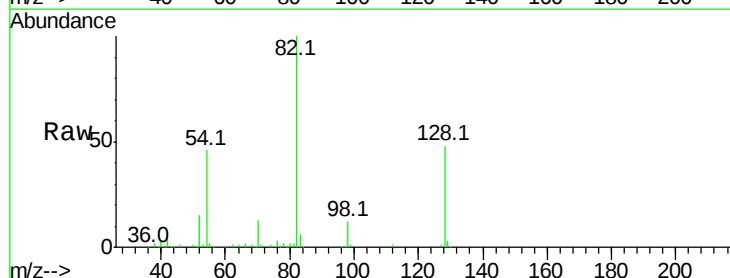
Delta R.T. 0.16 min

Lab File: BF095746.D

Acq: 7 Jun 2017 15:15

Tgt Ion: 70 Resp: 52930

Ion	Ratio	Lower	Upper
70	100		
42	42.5	47.2	70.8#
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#



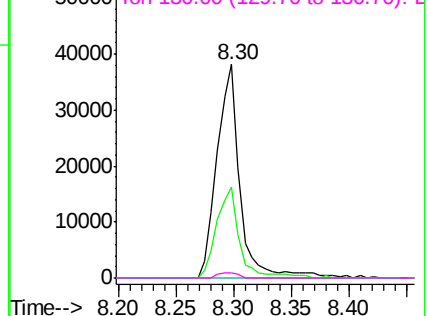
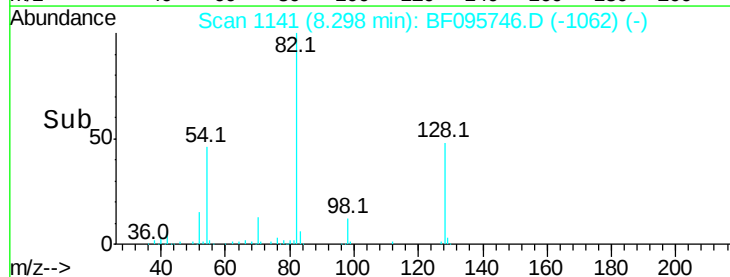
Abundance

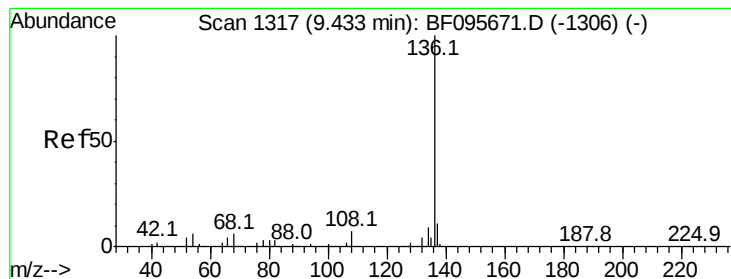
Ion 70.00 (69.70 to 70.70): BF0

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: 9.41 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF095746.D

Acq: 7 Jun 2017 15:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 286635

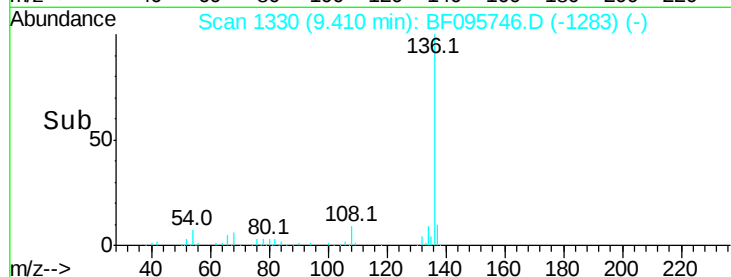
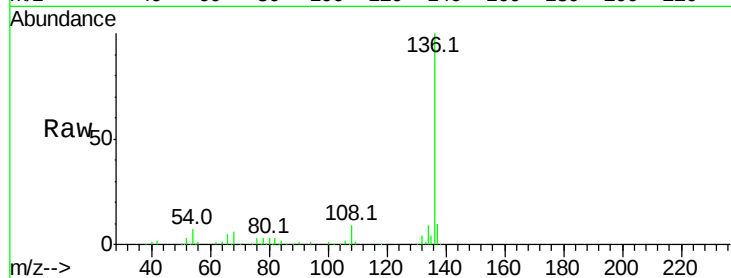
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 7.1 4.9 7.3

68 5.6 4.1 6.1

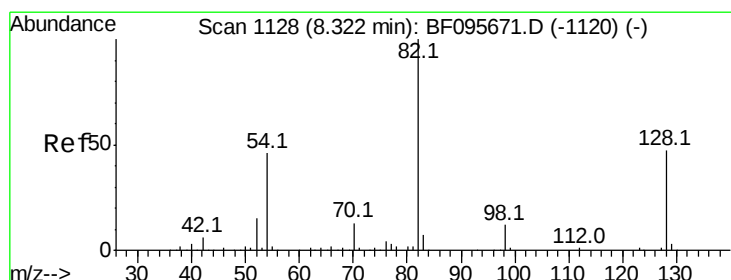
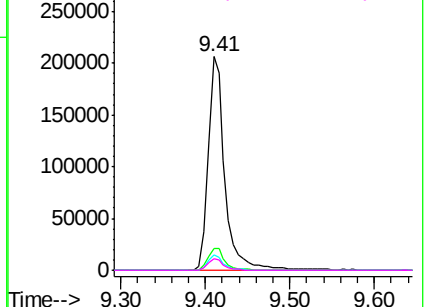


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.69 ng

RT: 8.30 min Scan# 1141

Delta R.T. -0.02 min

Lab File: BF095746.D

Acq: 7 Jun 2017 15:15

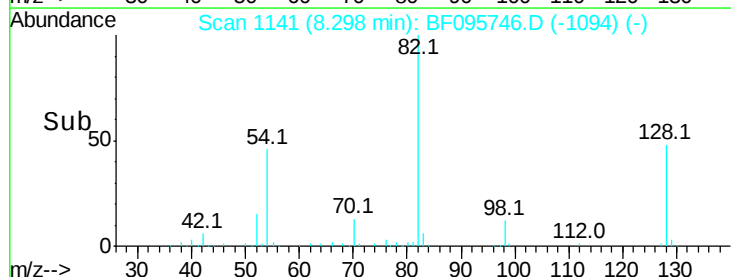
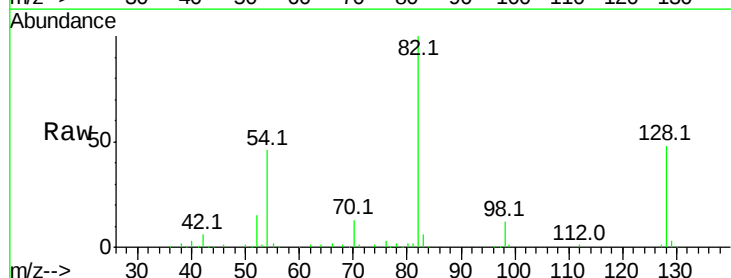
Tgt Ion: 82 Resp: 418584

Ion Ratio Lower Upper

82 100

128 48.5 34.0 51.0

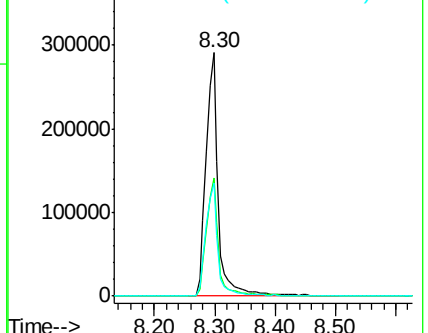
54 46.3 42.2 63.2

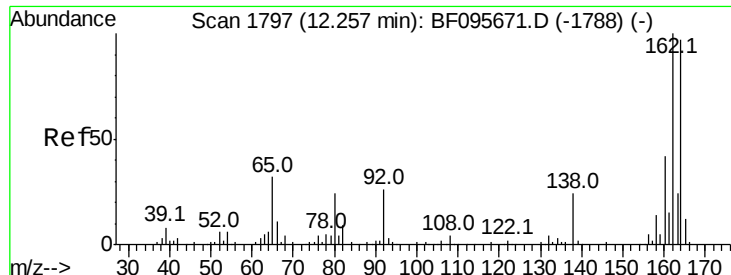


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

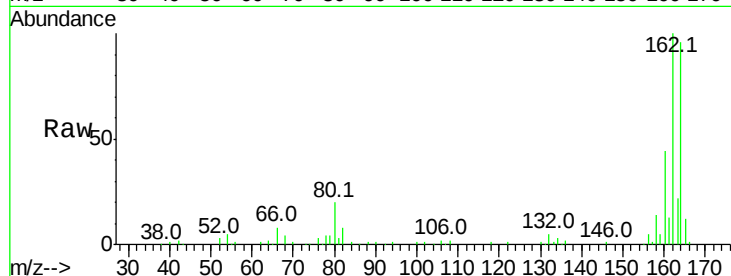




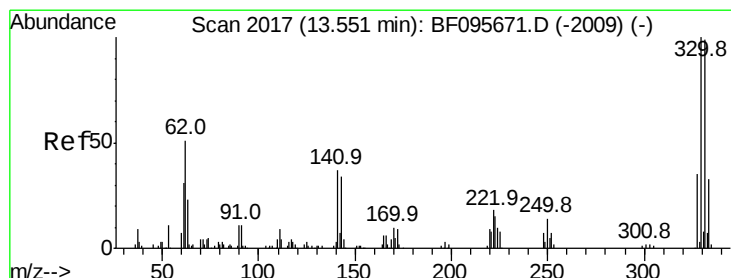
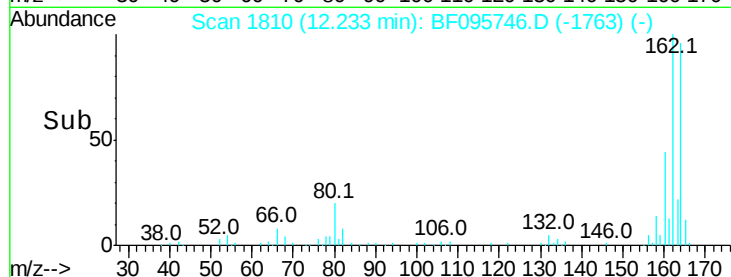
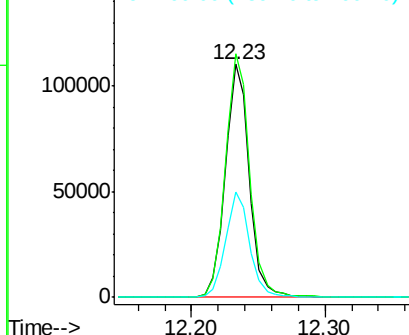
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.23 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF095746.D
Acq: 7 Jun 2017 15:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 139882
Ion Ratio Lower Upper
164 100
162 104.4 82.6 123.8
160 45.4 36.2 54.2

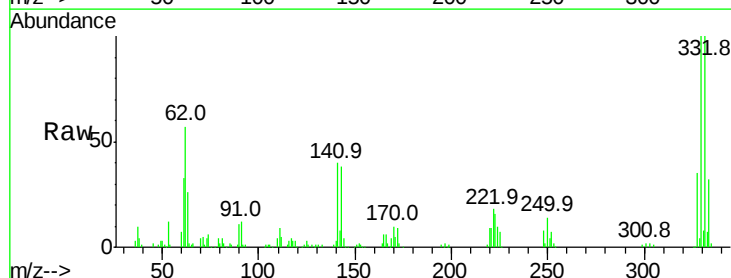


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

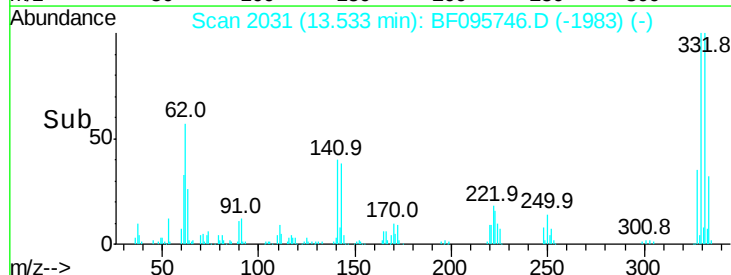
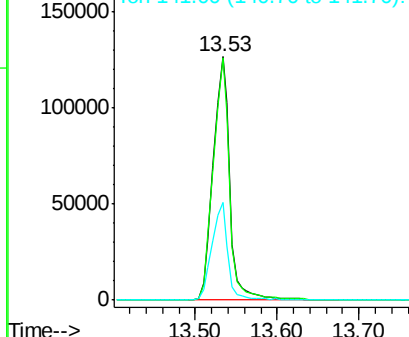


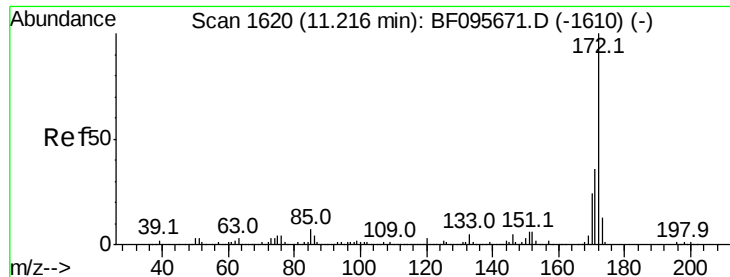
#41
2,4,6-Tribromophenol
Concen: 146.06 ng
RT: 13.53 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF095746.D
Acq: 7 Jun 2017 15:15

Tgt Ion:330 Resp: 180768
Ion Ratio Lower Upper
330 100
332 97.6 76.6 115.0
141 38.2 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

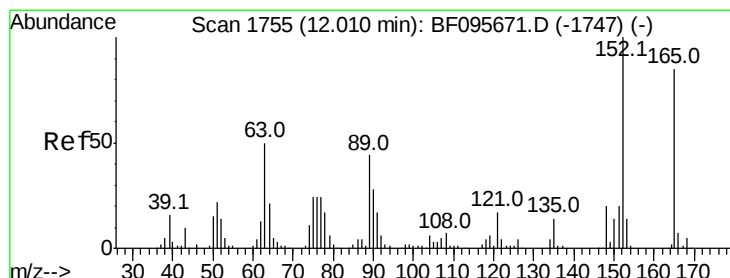
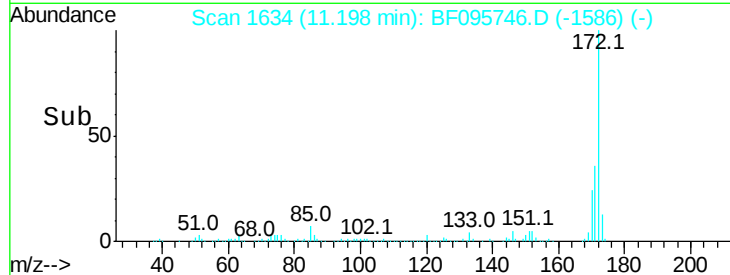
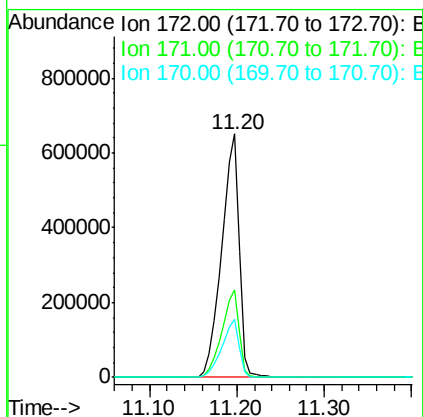
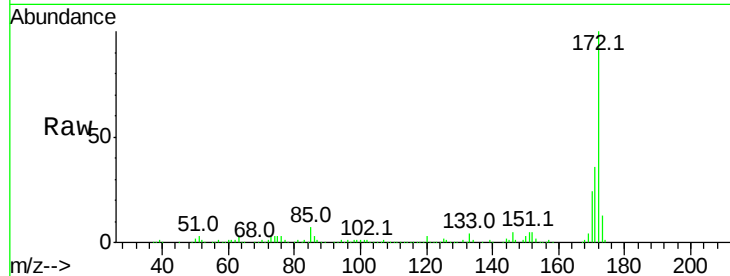




#44
2-Fluorobiphenyl
Concen: 90.73 ng
RT: 11.20 min Scan# 1634
Delta R.T. -0.02 min
Lab File: BF095746.D
Acq: 7 Jun 2017 15:15

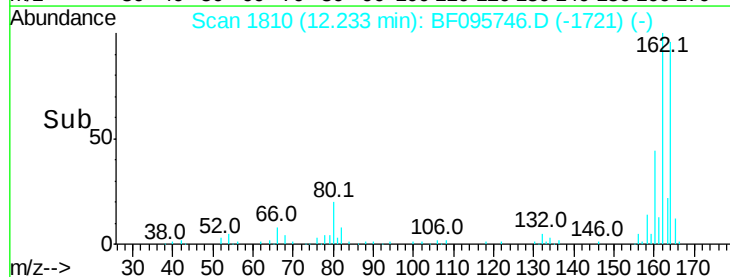
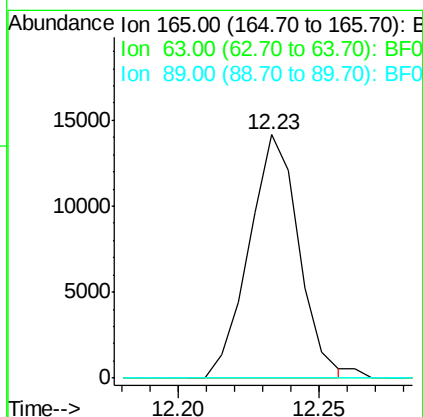
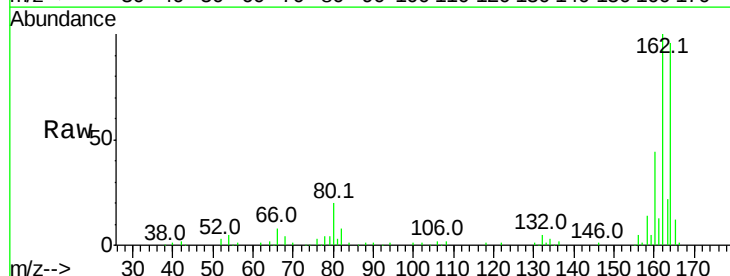
Instrument :
BNA_F
ClientSampleId :

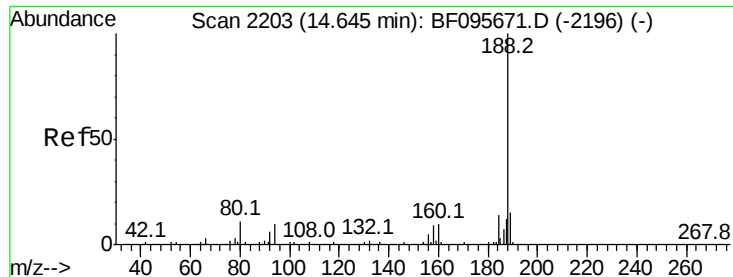
Tot Ion:172 Resp: 911976
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.9 19.8 29.8



#50
2,6-Dinitrotoluene
Concen: 7.46 ng
RT: 12.23 min Scan# 1810
Delta R.T. 0.22 min
Lab File: BF095746.D
Acq: 7 Jun 2017 15:15

Tgt Ion:165 Resp: 17281
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 0.0 37.1 55.7#

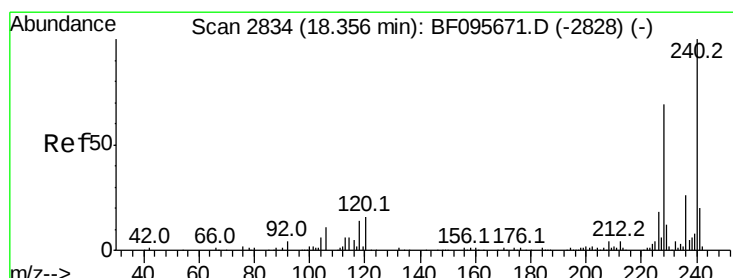
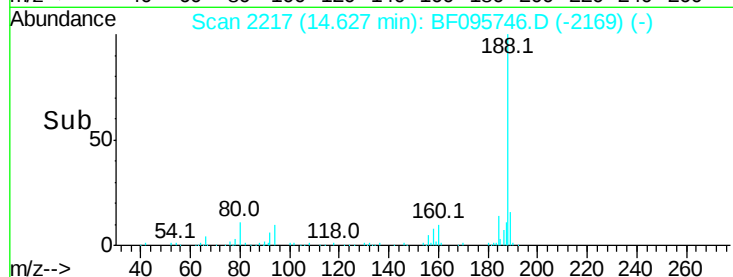
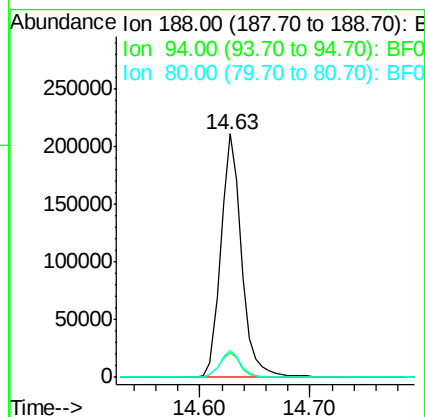
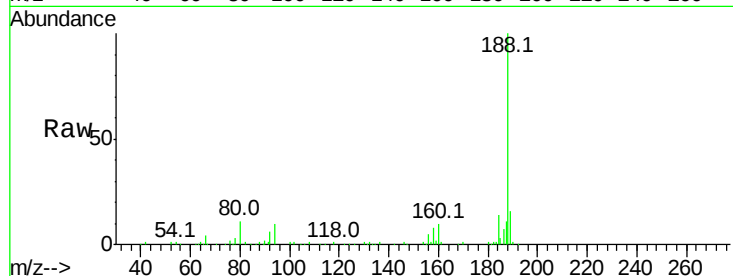




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BF095746.D
Acq: 7 Jun 2017 15:15

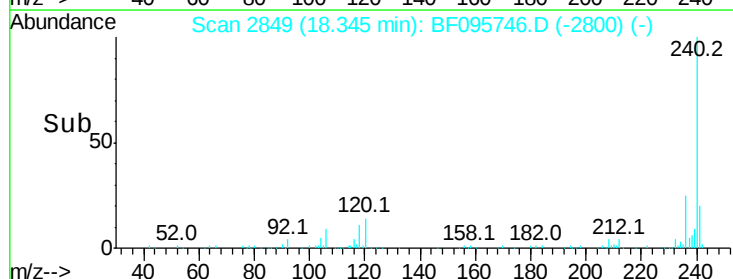
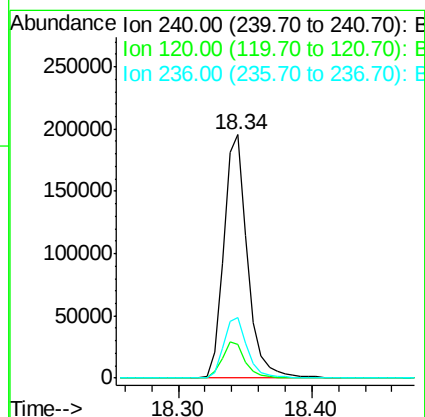
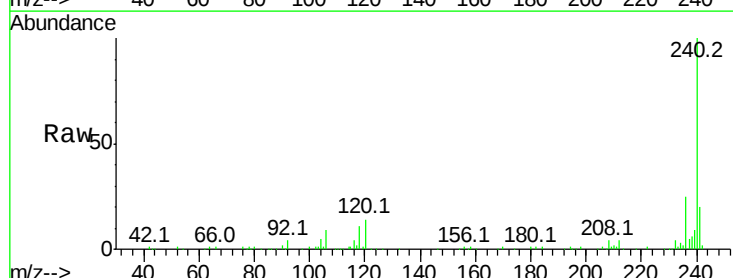
Instrument :
BNA_F
ClientSampled :

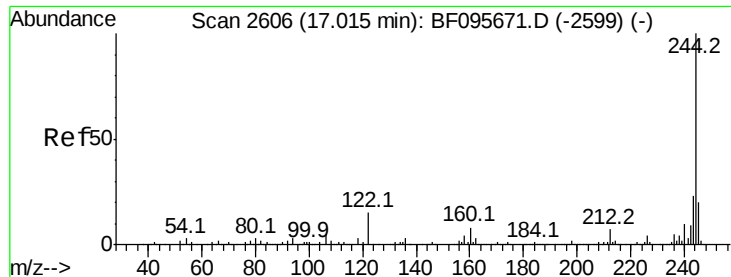
Tot Ion:188 Resp: 275699
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 11.4 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.34 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BF095746.D
Acq: 7 Jun 2017 15:15

Tgt Ion:240 Resp: 244488
Ion Ratio Lower Upper
240 100
120 13.6 5.8 8.8#
236 24.8 20.5 30.7

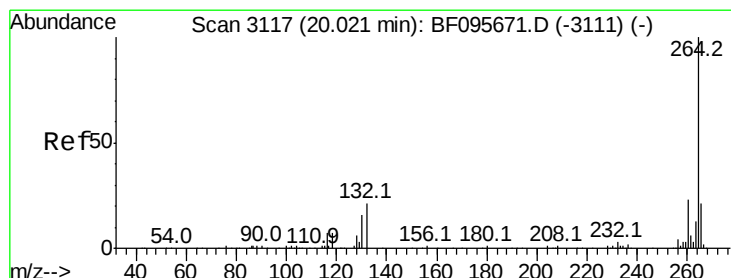
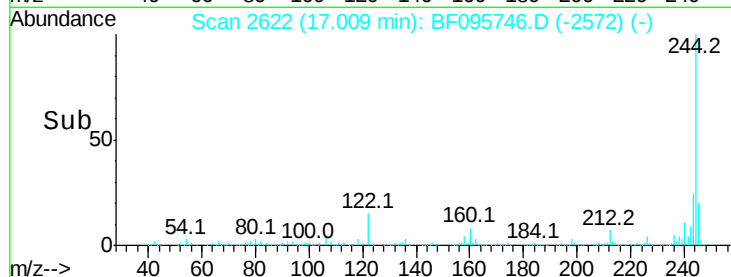
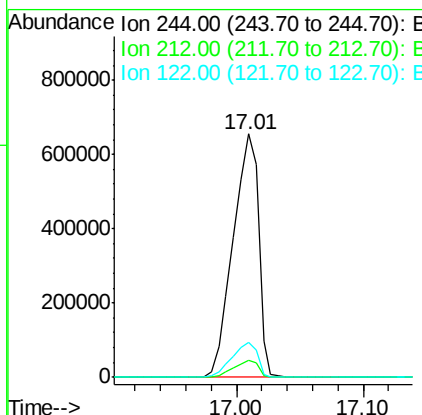
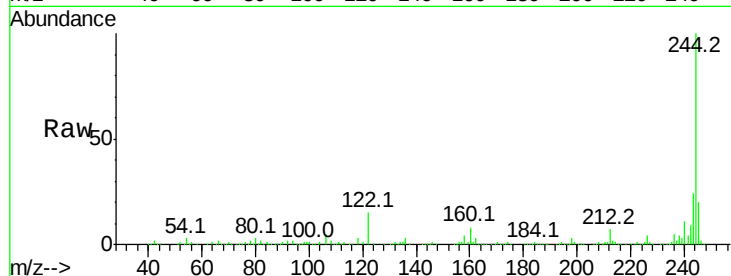




#78
 Terphenyl-d14
 Concen: 92.20 ng
 RT: 17.01 min Scan# 2622
 Delta R.T. -0.01 min
 Lab File: BF095746.D
 Acq: 7 Jun 2017 15:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 908282
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 14.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.01 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095746.D
 Acq: 7 Jun 2017 15:15

Tgt Ion:264 Resp: 192453
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 20.8 17.2 25.8

