

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080415\
 Data File : BF080869.D
 Acq On : 5 Aug 2015 8:06
 Operator : TP/UM
 Sample : G3170-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Aug 05 14:57:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 05 01:46:16 2015
 Response via : Initial Calibration

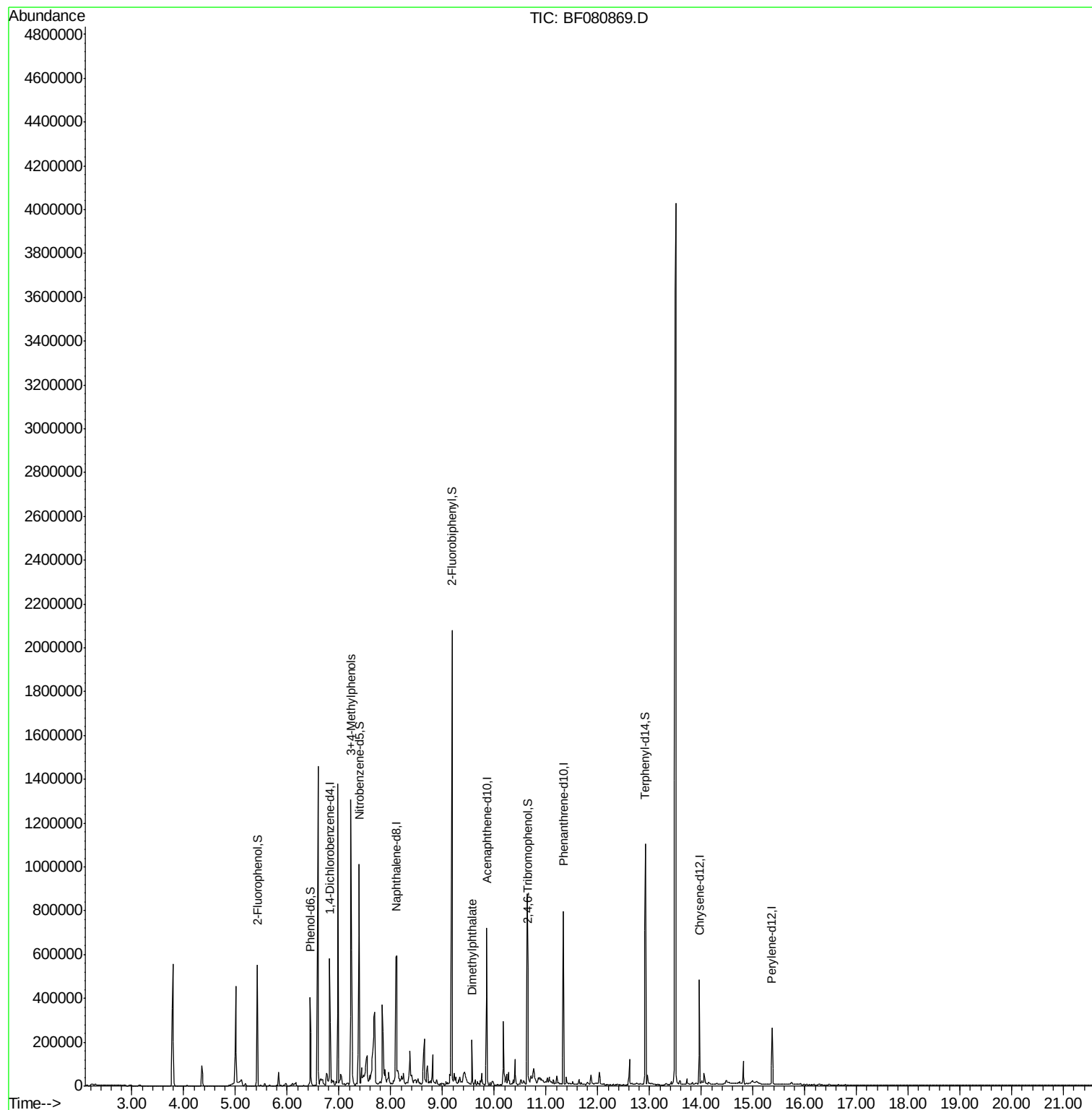
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	93480	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	359729	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	159613	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	260194	20.00	ng	0.00
75) Chrysene-d12	13.96	240	160733	20.00	ng	0.00
86) Perylene-d12	15.37	264	109183	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	202874	32.85	ng	0.00
7) Phenol-d6	6.44	99	164513	20.38	ng	-0.01
23) Nitrobenzene-d5	7.39	82	419052	54.90	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	134211	87.19	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	706211	59.58	ng	0.00
78) Terphenyl-d14	12.92	244	425502	47.91	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	7.23	107	384649	54.74	ng	Qvalue # 63
49) Dimethylphthalate	9.57	163	52295	4.49	ng	100

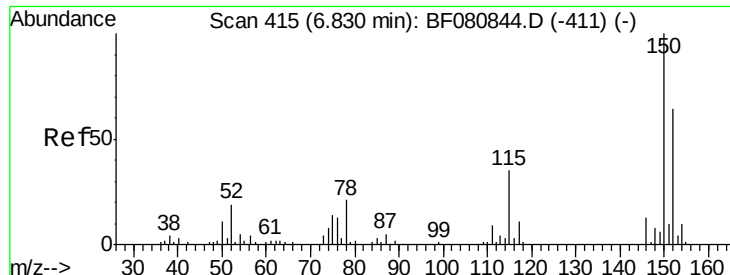
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF080869.D

Acq: 5 Aug 2015 8:06

Instrument :

BNA_F

ClientSampleId :

MW-3

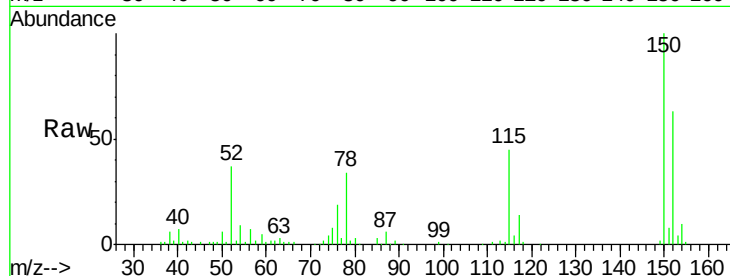
Tgt Ion:152 Resp: 93480

Ion Ratio Lower Upper

152 100

150 159.2 124.6 187.0

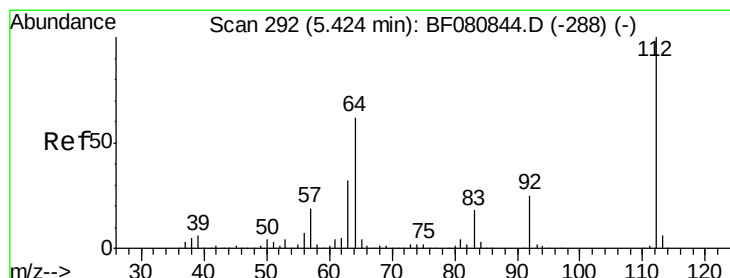
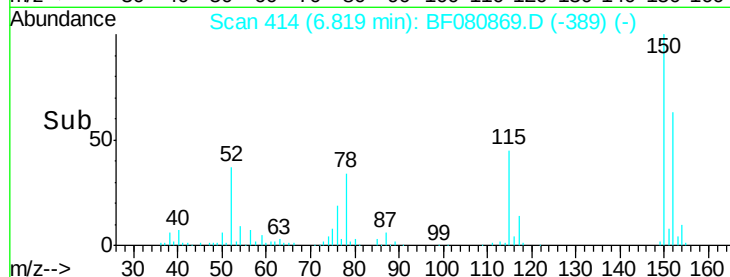
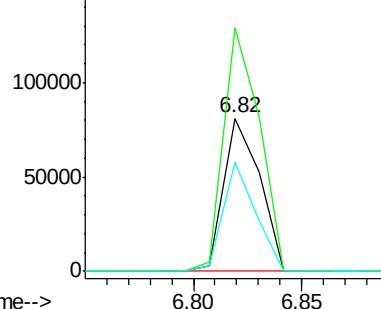
115 71.8 44.2 66.4#



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: 32.85 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.00 min

Lab File: BF080869.D

Acq: 5 Aug 2015 8:06

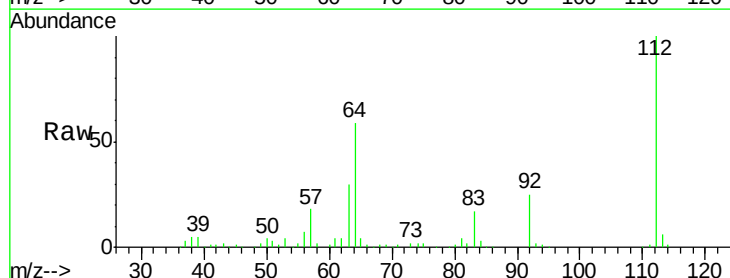
Tgt Ion:112 Resp: 202874

Ion Ratio Lower Upper

112 100

64 58.9 49.5 74.3

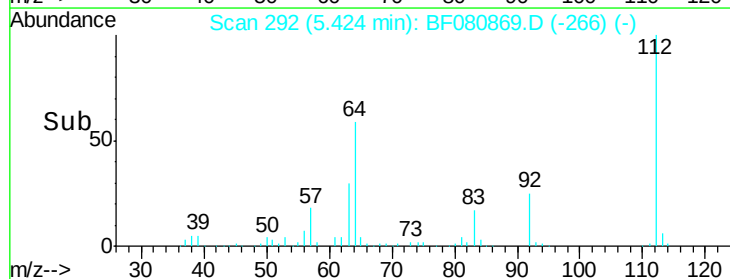
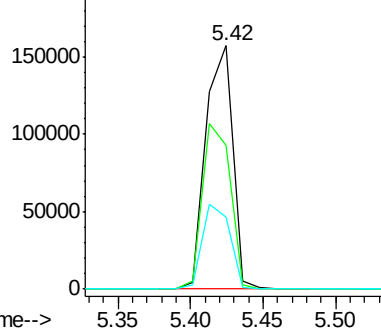
63 29.7 25.3 37.9

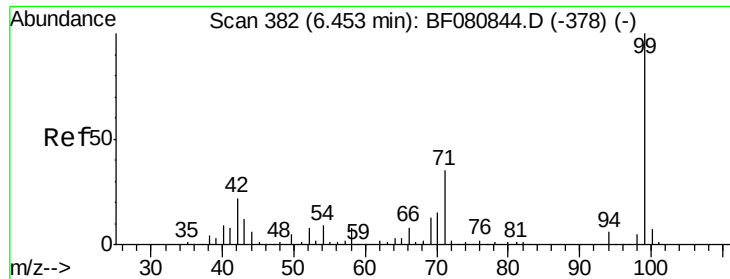


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 20.38 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF080869.D

Acq: 5 Aug 2015 8:06

Instrument :

BNA_F

ClientSampleId :

MW-3

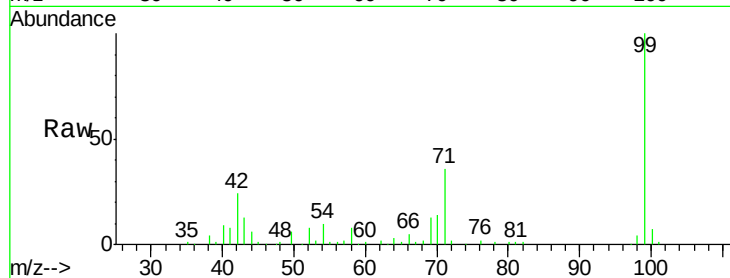
Tgt Ion: 99 Resp: 164513

Ion Ratio Lower Upper

99 100

42 23.7 17.9 26.9

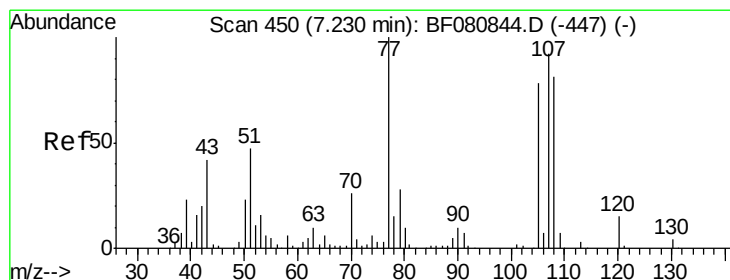
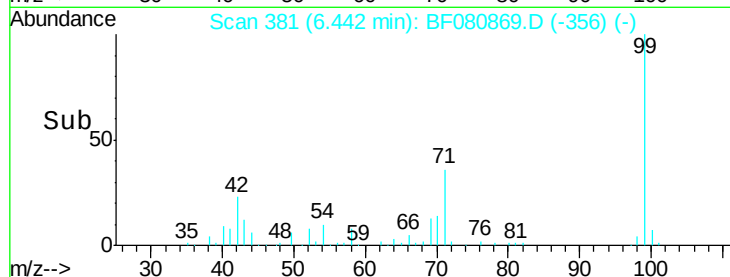
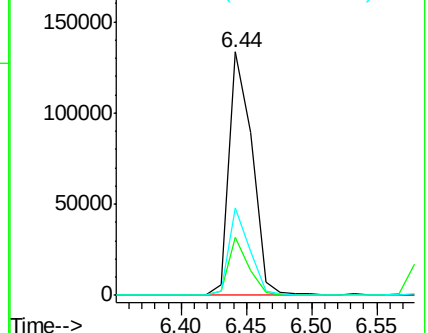
71 36.0 28.2 42.4



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



#20

3+4-Methylphenols

Concen: 54.74 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF080869.D

Acq: 5 Aug 2015 8:06

Tgt Ion: 107 Resp: 384649

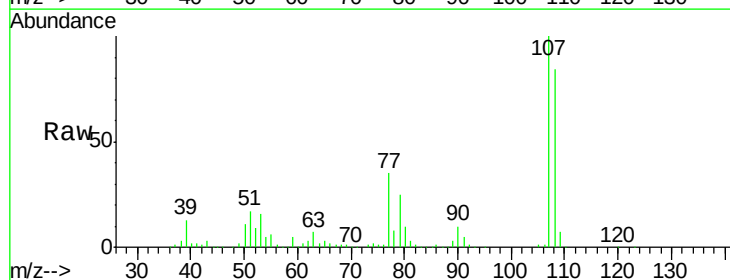
Ion Ratio Lower Upper

107 100

108 84.0 68.2 108.2

77 34.7 88.5 128.5#

79 24.8 10.3 50.3

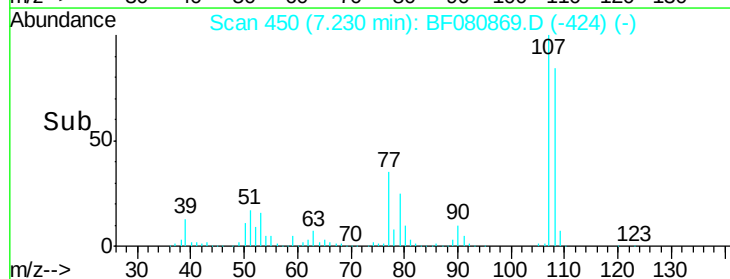
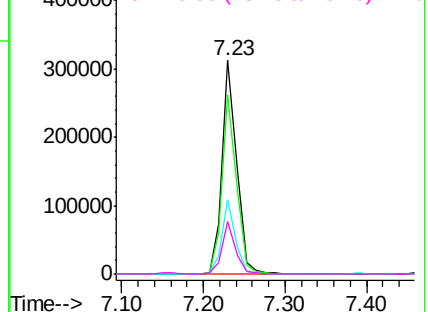


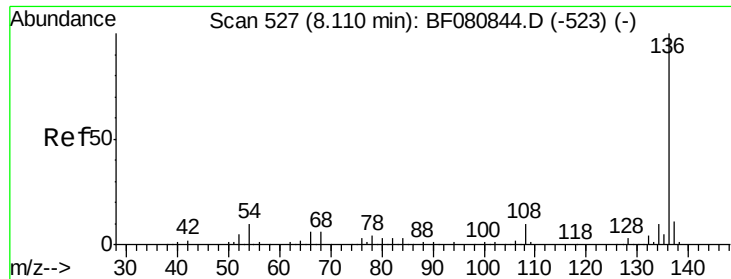
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

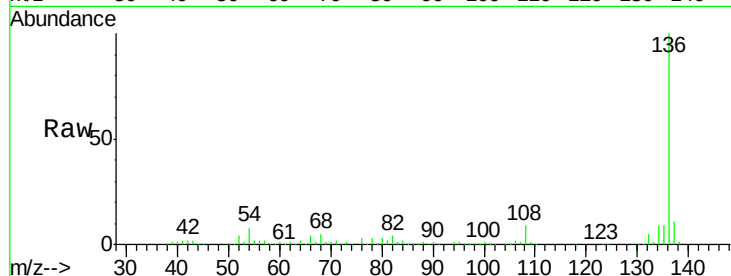




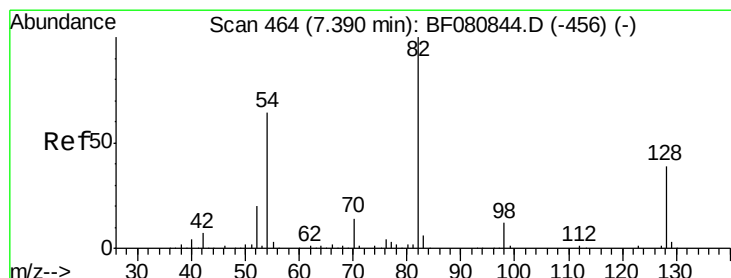
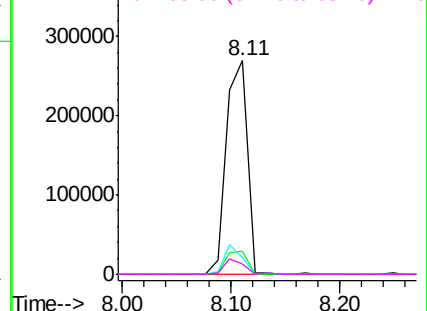
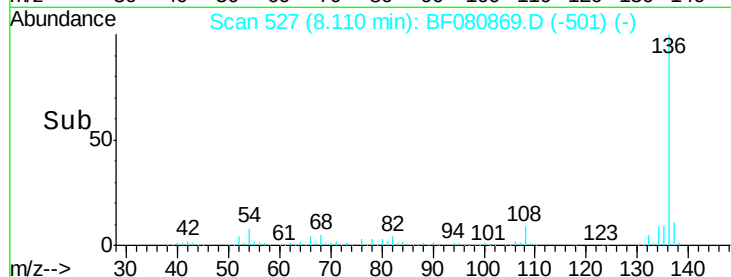
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF080869.D
Acq: 5 Aug 2015 8:06

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:	136	Resp:	359729
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.1	8.3	12.5#
68	4.9	4.8	7.2

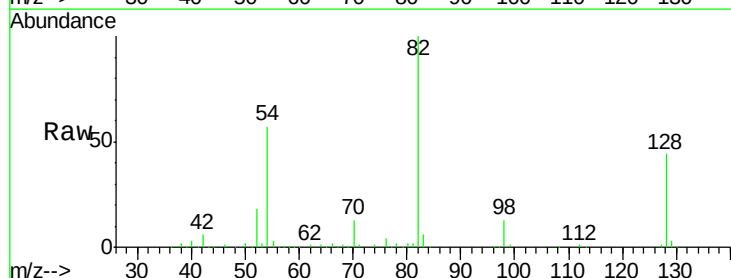


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

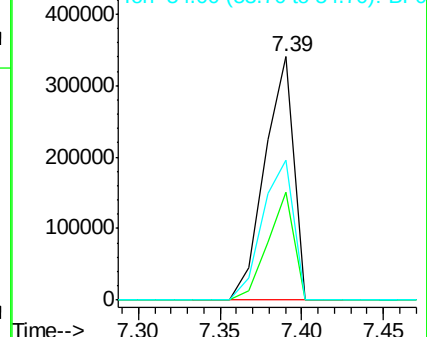
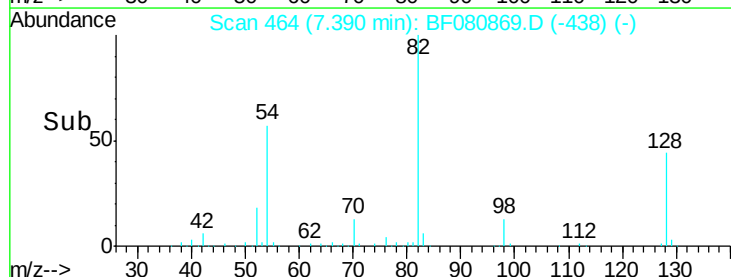


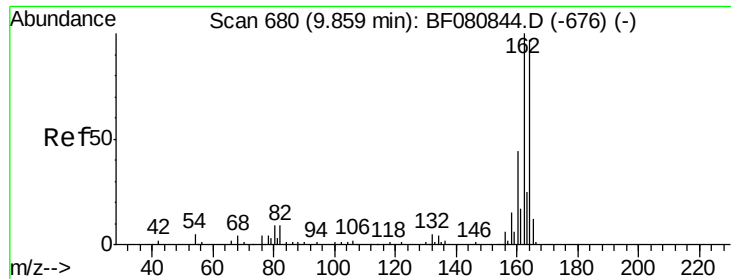
#23
Nitrobenzene-d5
Concen: 54.90 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF080869.D
Acq: 5 Aug 2015 8:06

Tgt Ion:	82	Resp:	419052
Ion	Ratio	Lower	Upper
82	100		
128	44.5	31.0	46.4
54	57.4	51.0	76.6



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

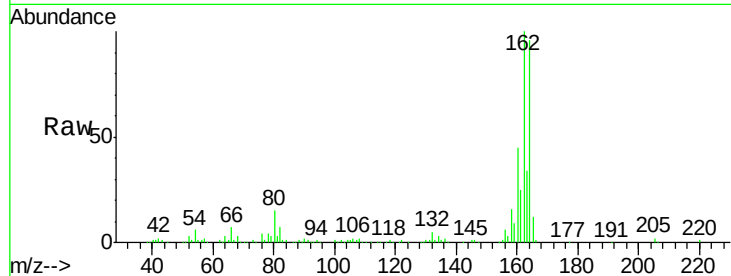




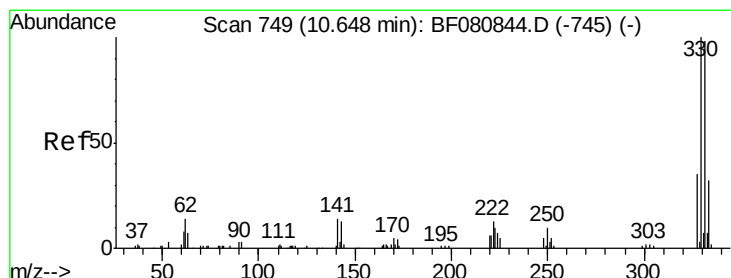
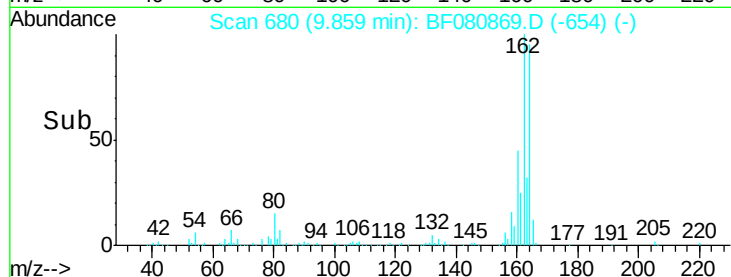
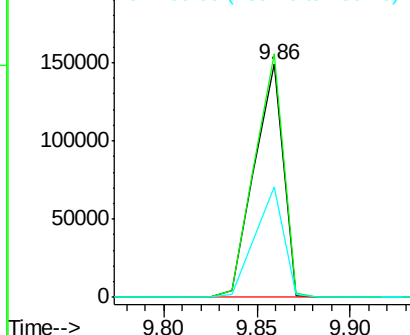
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF080869.D
Acq: 5 Aug 2015 8:06

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:164 Resp: 159613
Ion Ratio Lower Upper
164 100
162 104.6 82.9 124.3
160 47.4 36.6 54.8

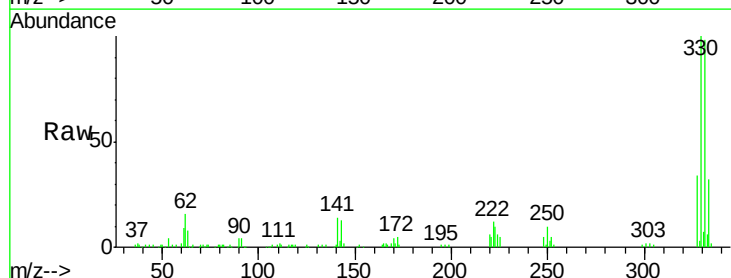


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

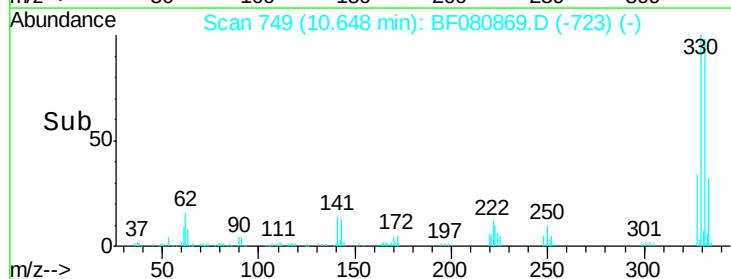
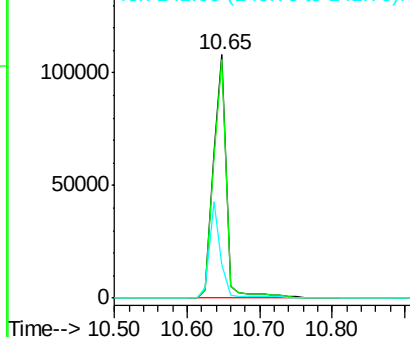


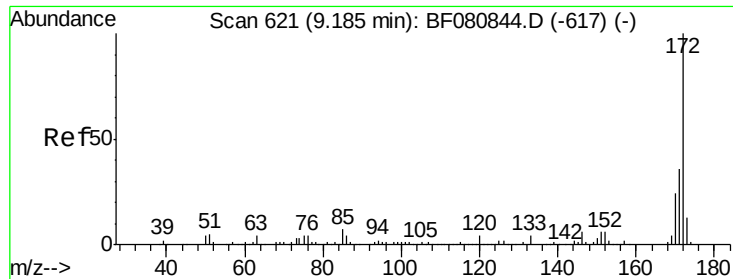
#41
2,4,6-Tribromophenol
Concen: 87.19 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF080869.D
Acq: 5 Aug 2015 8:06

Tgt Ion:330 Resp: 134211
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 35.6 28.4 42.6



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

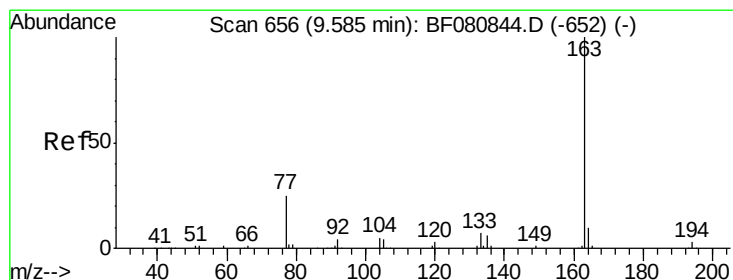
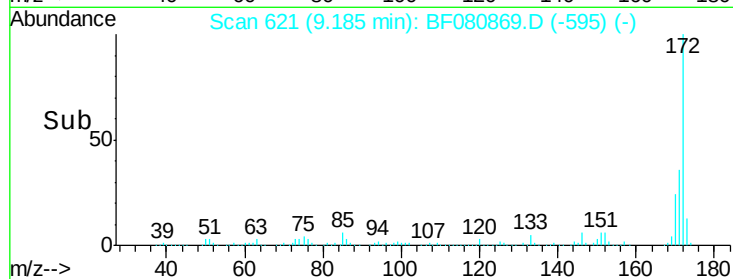
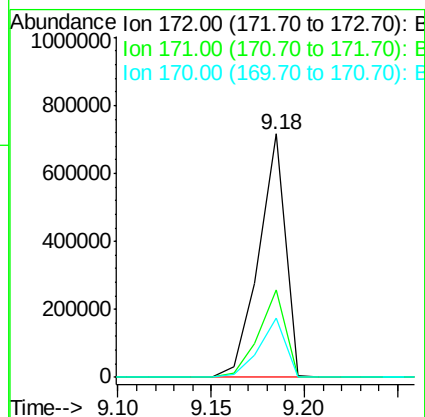
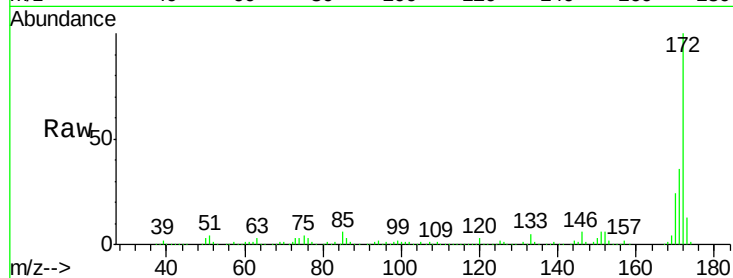




#44
 2-Fluorobiphenyl
 Concen: 59.58 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF080869.D
 Acq: 5 Aug 2015 8:06

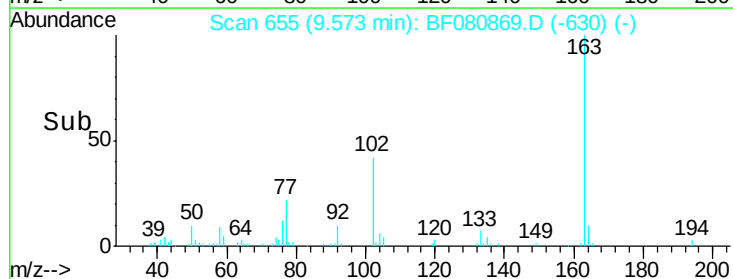
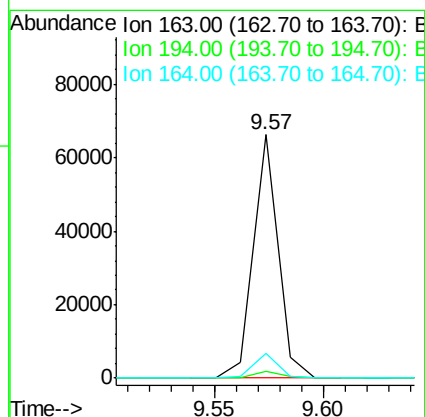
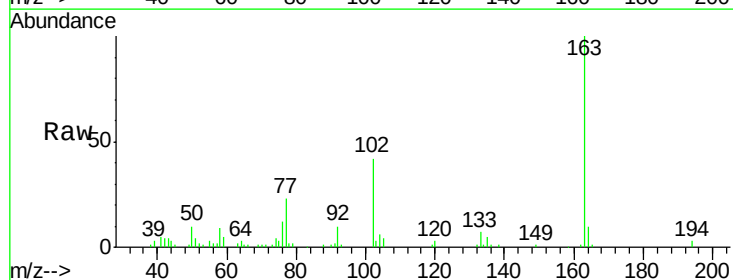
Instrument :
 BNA_F
 ClientSampleId :
 MW-3

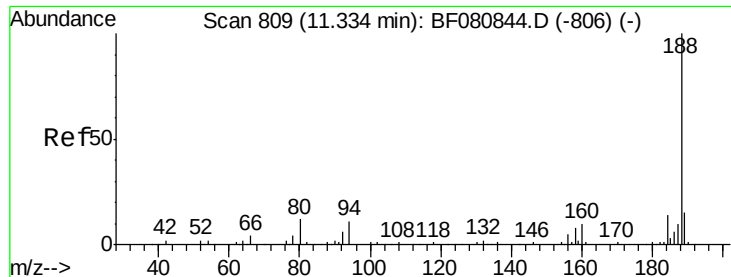
Tgt Ion:172 Resp: 706211
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 24.3 19.4 29.2



#49
 Dimethylphthalate
 Concen: 4.49 ng
 RT: 9.57 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: BF080869.D
 Acq: 5 Aug 2015 8:06

Tgt Ion:163 Resp: 52295
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.6 4.0
 164 10.2 8.2 12.4

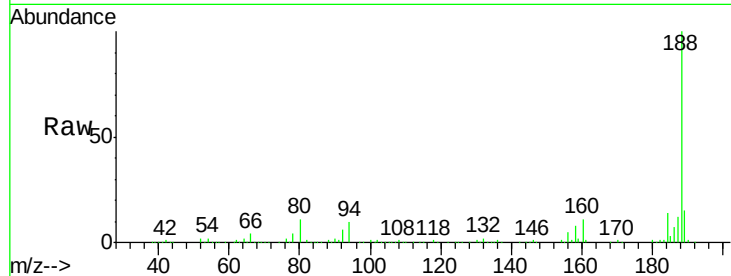




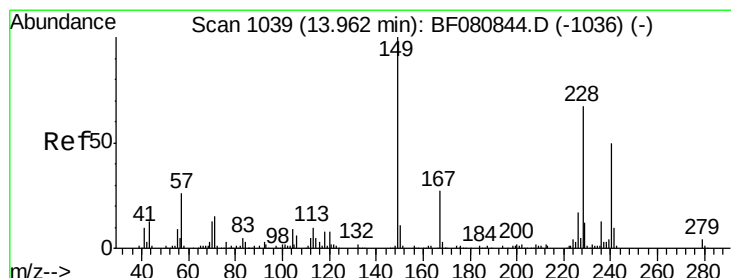
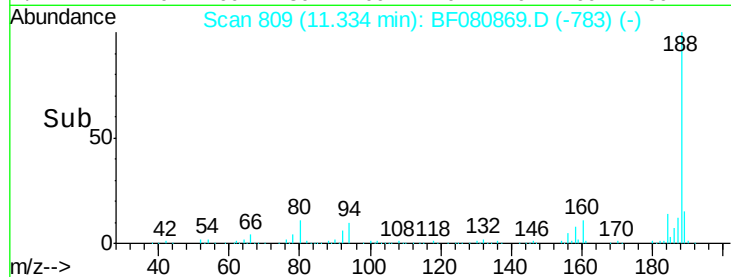
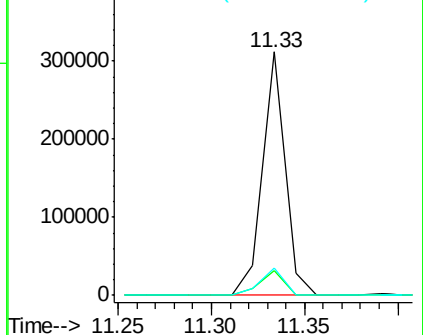
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF080869.D
Acq: 5 Aug 2015 8:06

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:188 Resp: 260194
Ion Ratio Lower Upper
188 100
94 10.2 8.6 12.8
80 11.2 9.3 13.9

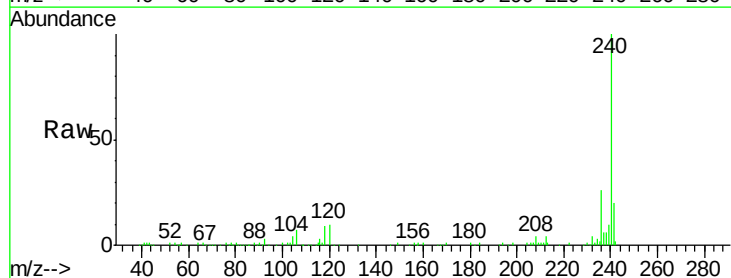


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

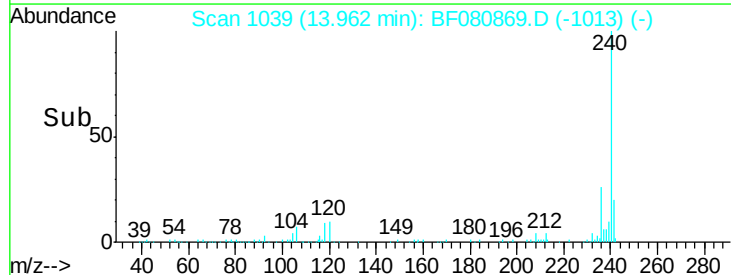
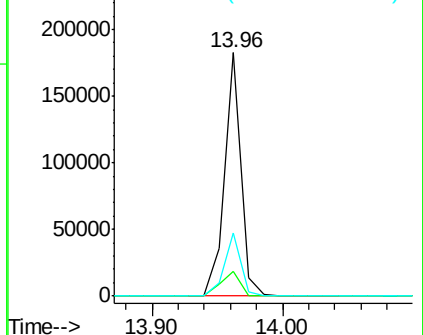


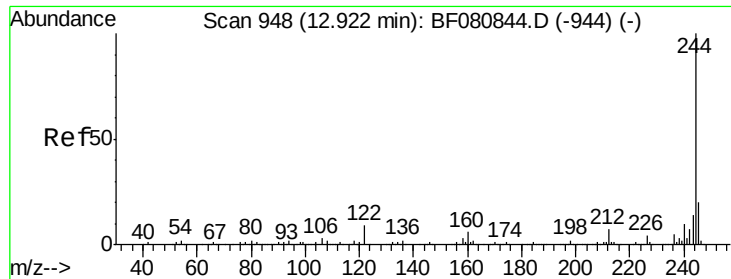
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF080869.D
Acq: 5 Aug 2015 8:06

Tgt Ion:240 Resp: 160733
Ion Ratio Lower Upper
240 100
120 10.2 13.0 19.6#
236 26.1 20.7 31.1



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

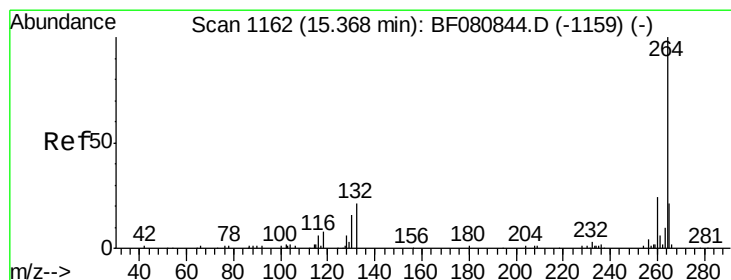
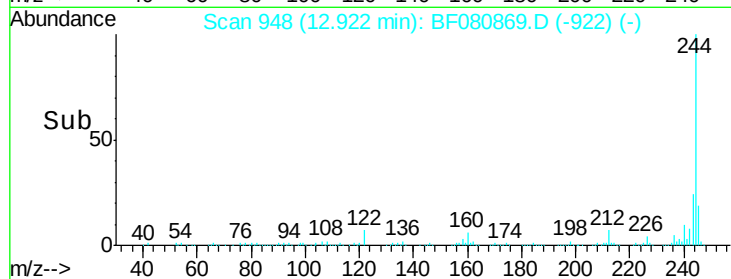
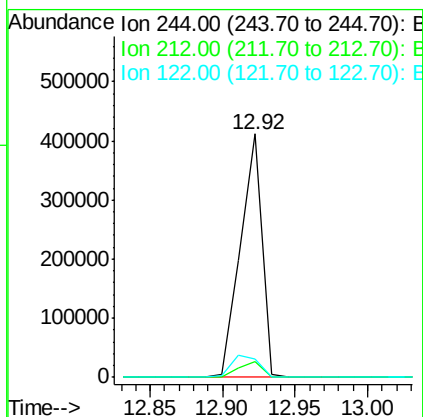
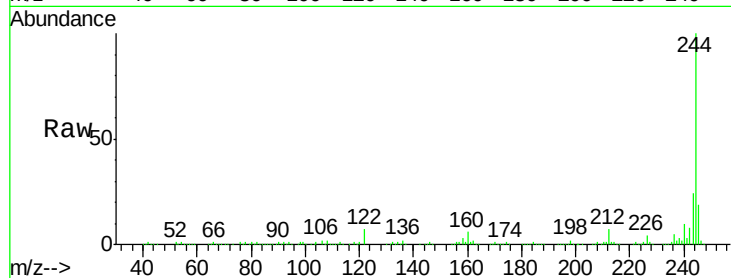




#78
 Terphenyl-d14
 Concen: 47.91 ng
 RT: 12.92 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF080869.D
 Acq: 5 Aug 2015 8:06

Instrument :
 BNA_F
 ClientSampled :
 MW-3

Tgt Ion:244 Resp: 425502
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.5 8.3
 122 7.4 7.1 10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BF080869.D
 Acq: 5 Aug 2015 8:06

Tgt Ion:264 Resp: 109183
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.9 28.3
 265 20.4 16.8 25.2

