

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
 Data File : BF094969.D
 Acq On : 8 May 2017 5:10
 Operator : SJ/MA
 Sample : I2947-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-6.5-7.0-DUP

Quant Time: May 08 08:45:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

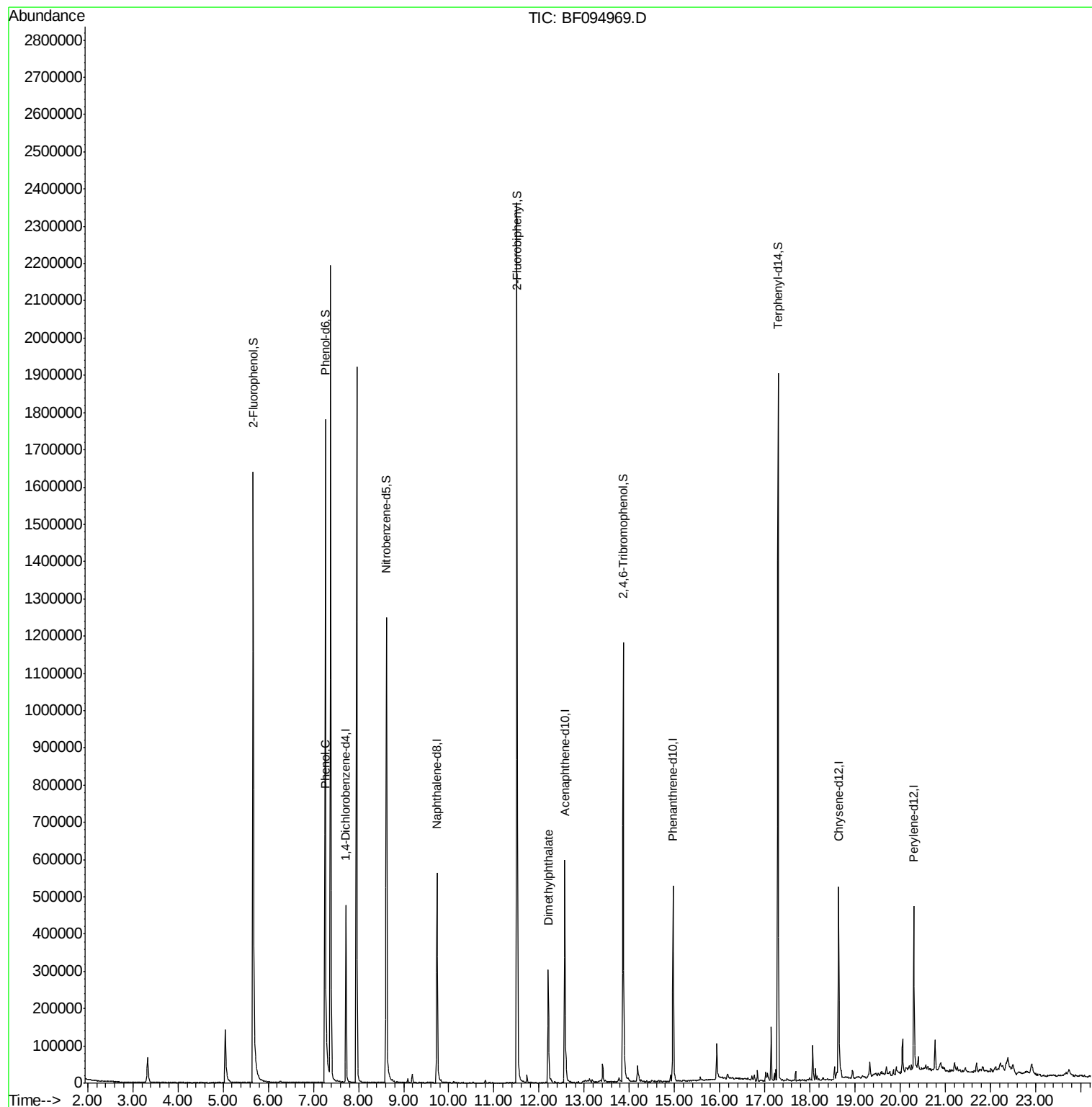
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	102313	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	421437	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	188067	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	287755	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	220322	20.00	ng	-0.02
86) Perylene-d12	20.30	264	204362	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	804301	131.06	ng	-0.01
7) Phenol-d6	7.27	99	993933	134.99	ng	-0.01
23) Nitrobenzene-d5	8.62	82	617001	92.32	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	208659	135.47	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1082959	82.88	ng	-0.02
78) Terphenyl-d14	17.29	244	728892	72.87	ng	-0.02
Target Compounds						
10) Phenol	7.28	94	22974	2.96	ng	92
49) Dimethylphthalate	12.21	163	203850	13.20	ng	100

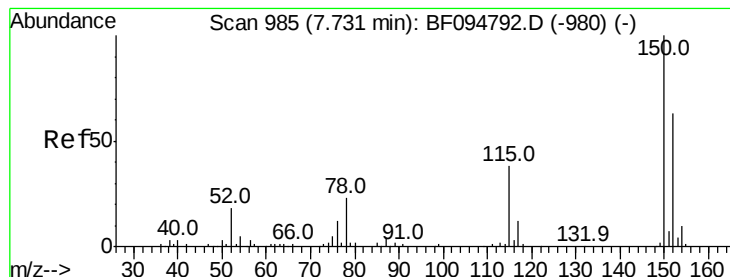
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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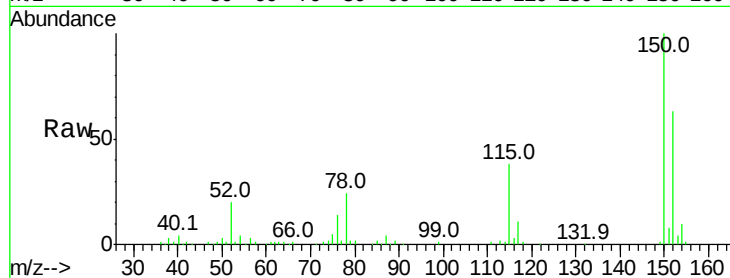


#1

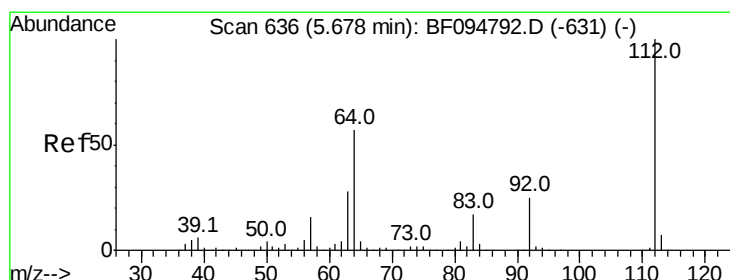
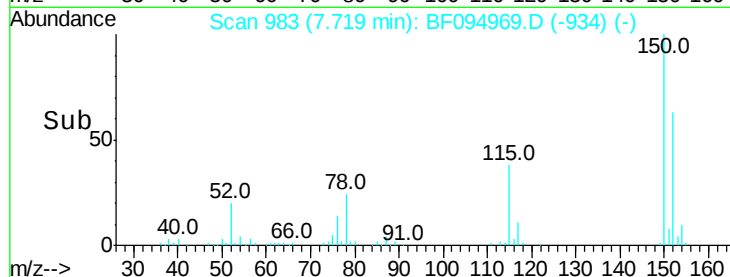
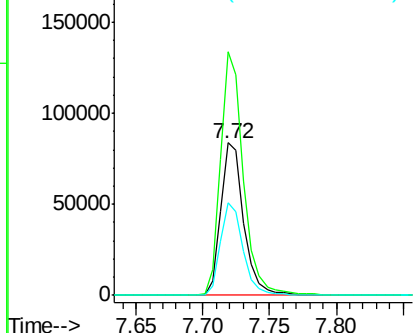
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094969.D
Acq: 8 May 2017 5:10

Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-DUP

Tot Ion:152 Resp: 102313
Ion Ratio Lower Upper
152 100
150 159.6 126.2 189.2
115 61.1 52.2 78.2



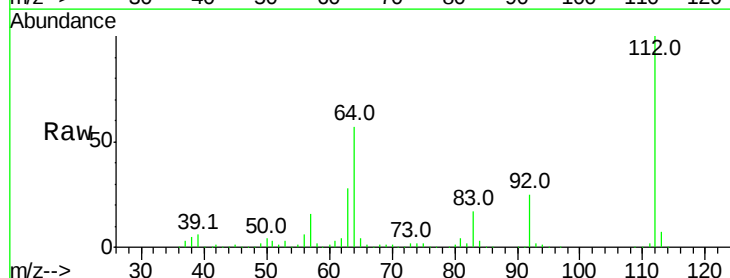
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



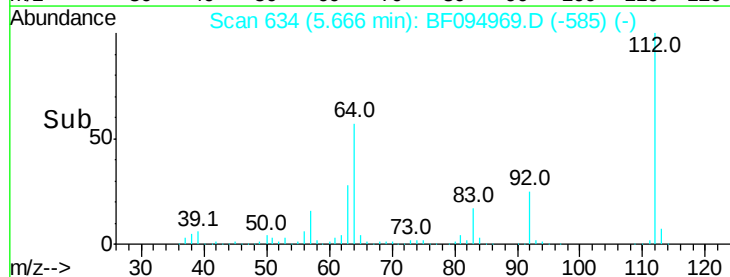
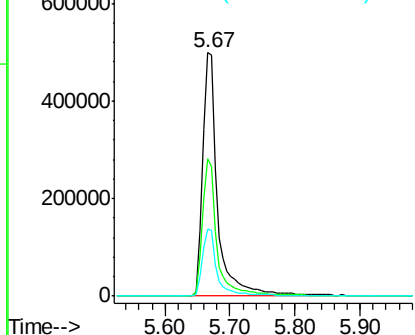
#5

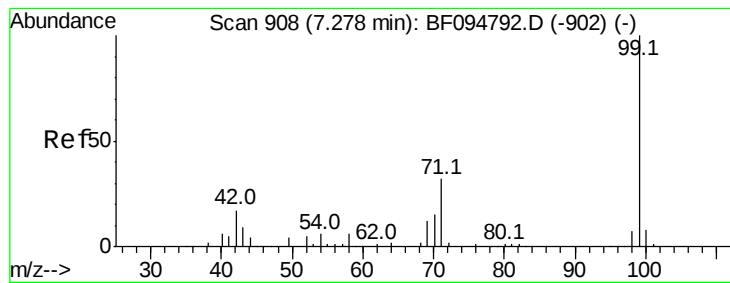
2-Fluorophenol
Concen: 131.06 ng
RT: 5.67 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF094969.D
Acq: 8 May 2017 5:10

Tgt Ion:112 Resp: 804301
Ion Ratio Lower Upper
112 100
64 56.6 46.0 69.0
63 27.6 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: 134.99 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094969.D

Acq: 8 May 2017 5:10

Instrument :

BNA_F

ClientSampleId :

SB-04-6.5-7.0-DUP

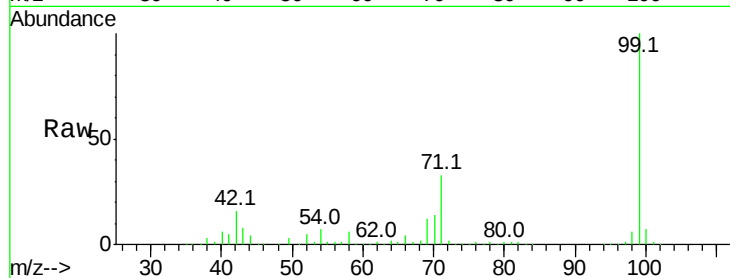
Tot Ion: 99 Resp: 993933

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

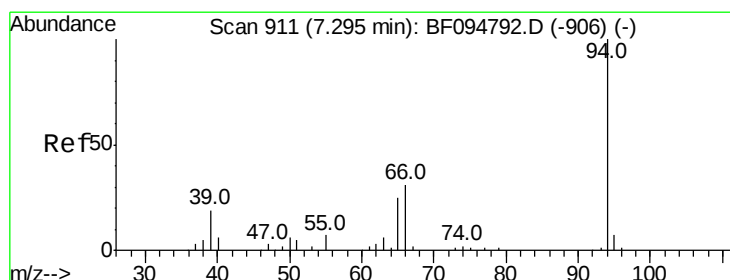
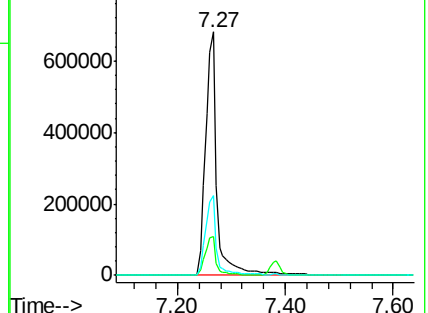
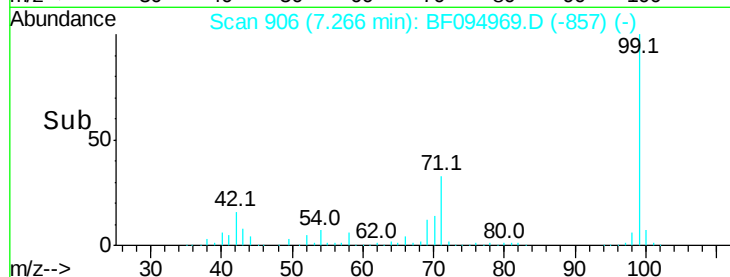
71 32.6 24.5 36.7



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



#10

Phenol

Concen: 2.96 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.02 min

Lab File: BF094969.D

Acq: 8 May 2017 5:10

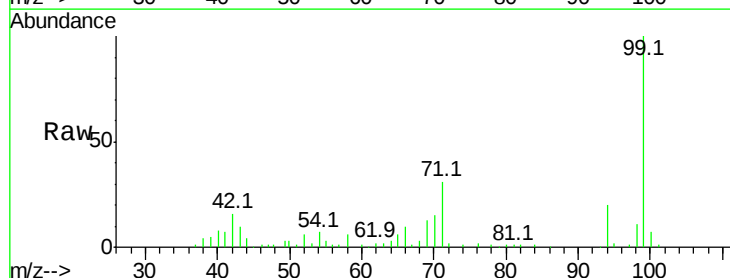
Tgt Ion: 94 Resp: 22974

Ion Ratio Lower Upper

94 100

65 31.4 9.9 49.9

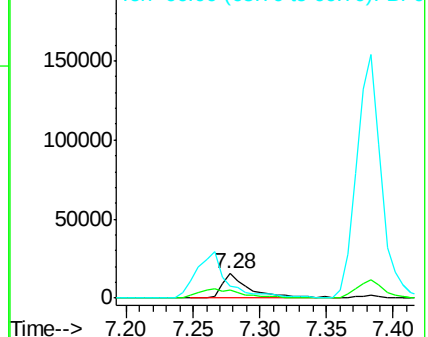
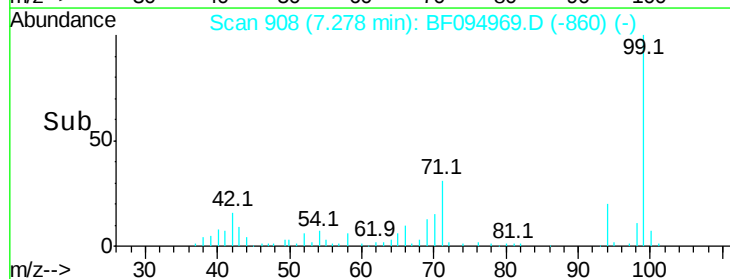
66 50.9 23.1 63.1

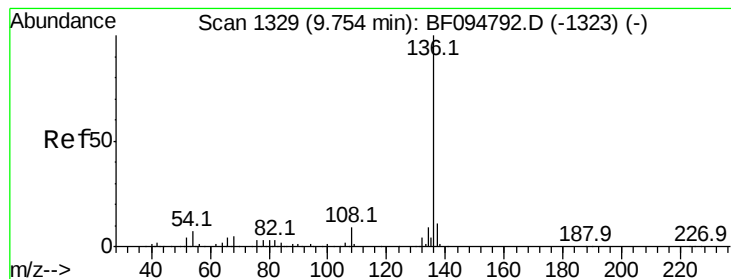


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094969.D

Acq: 8 May 2017 5:10

Instrument :

BNA_F

ClientSampleId :

SB-04-6.5-7.0-DUP

Tot Ion:136 Resp: 421437

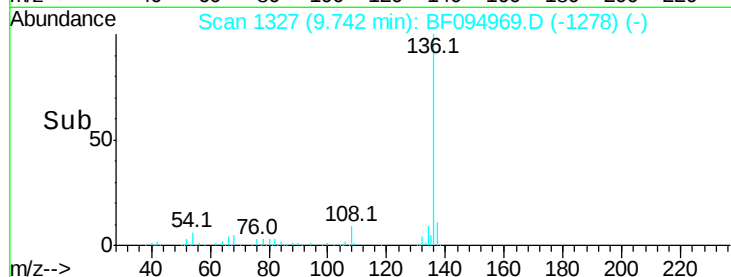
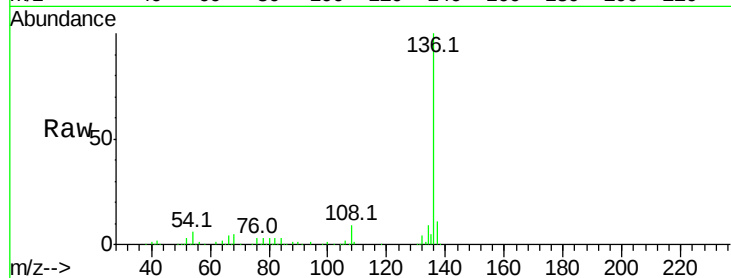
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.3 4.9 7.3

68 5.5 4.1 6.1

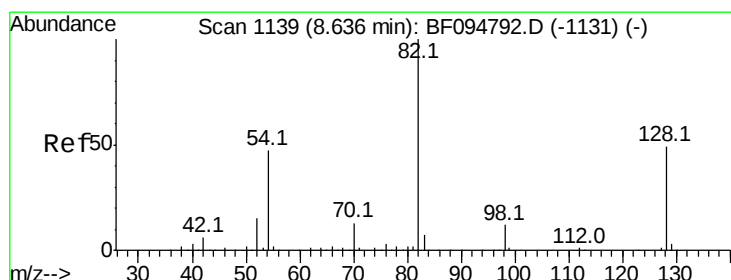
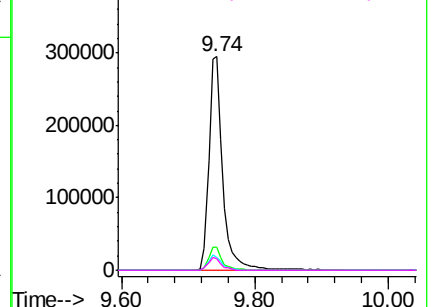


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.32 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF094969.D

Acq: 8 May 2017 5:10

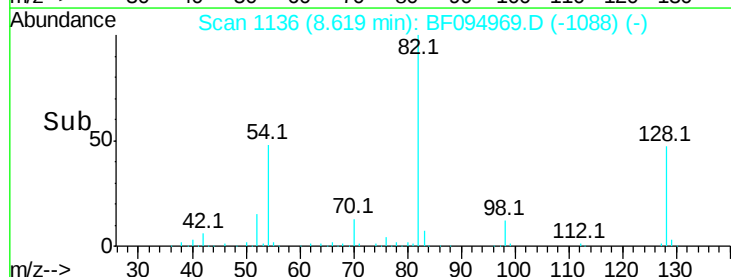
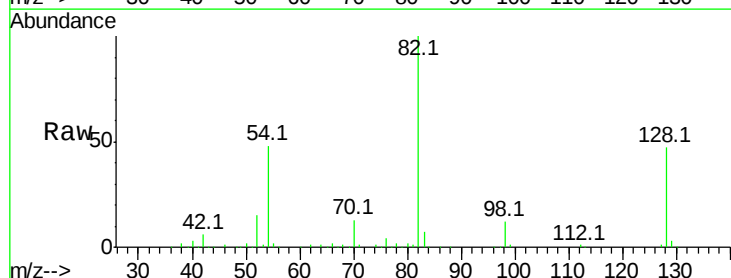
Tgt Ion: 82 Resp: 617001

Ion Ratio Lower Upper

82 100

128 47.1 34.0 51.0

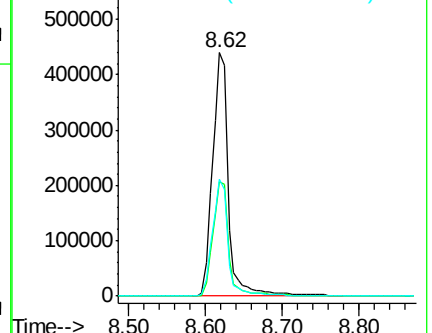
54 48.1 42.2 63.2

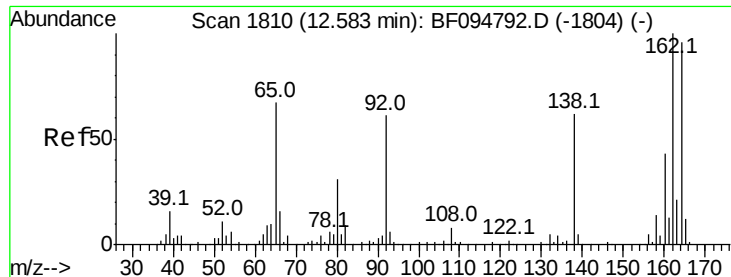


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.57 min Scan# 1807

Delta R.T. -0.02 min

Lab File: BF094969.D

Acq: 8 May 2017 5:10

Instrument :

BNA_F

ClientSampleId :

SB-04-6.5-7.0-DUP

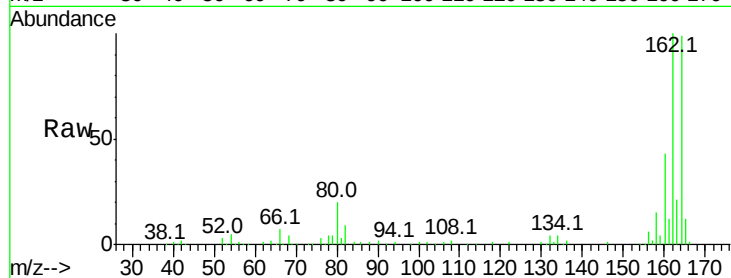
Tot Ion:164 Resp: 188067

Ion Ratio Lower Upper

164 100

162 101.4 82.6 123.8

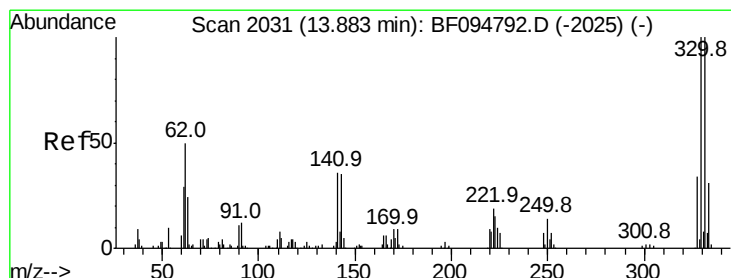
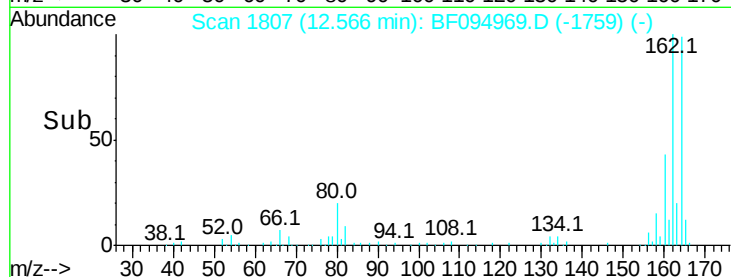
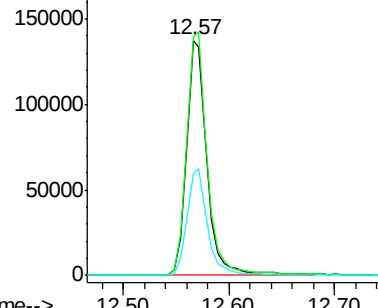
160 43.5 36.2 54.2



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: 135.47 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094969.D

Acq: 8 May 2017 5:10

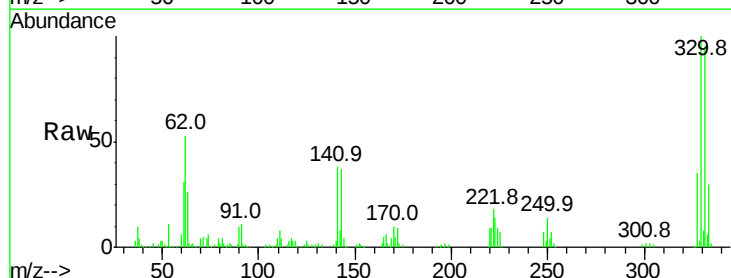
Tgt Ion:330 Resp: 208659

Ion Ratio Lower Upper

330 100

332 94.1 76.6 115.0

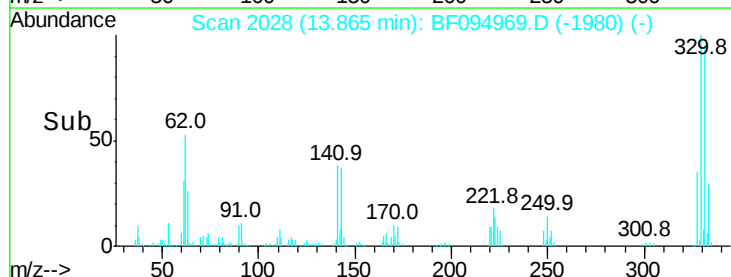
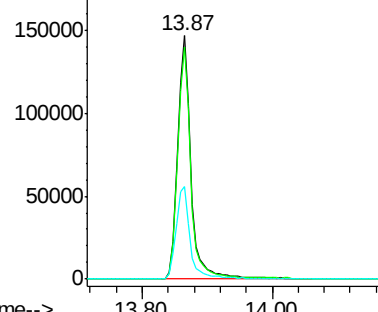
141 39.8 31.4 47.2

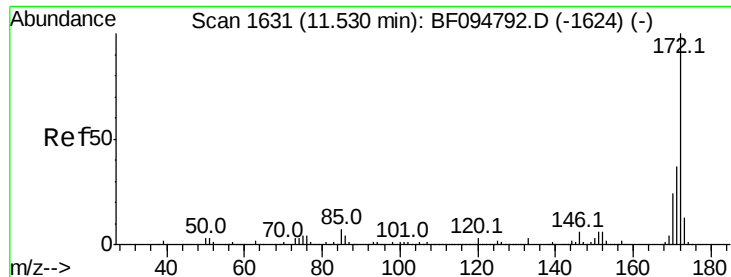


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

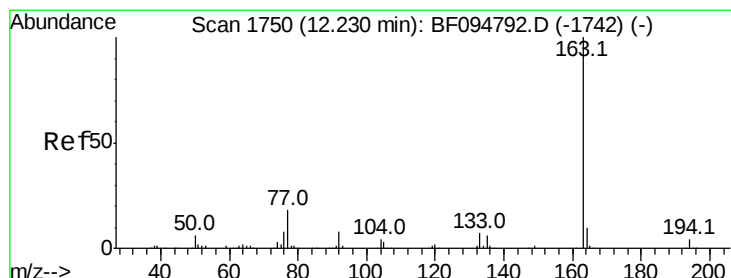
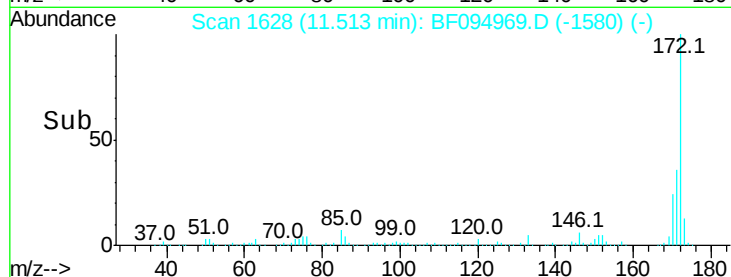
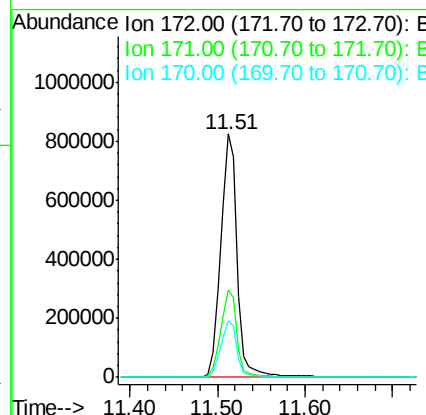
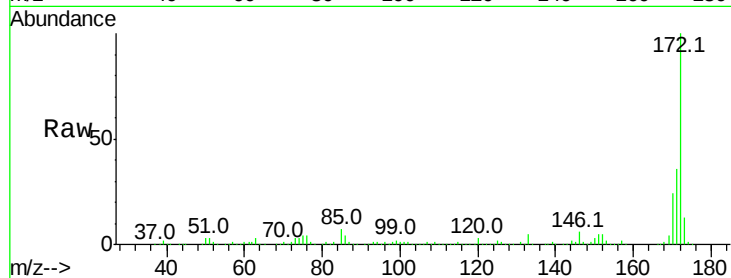




#44
2-Fluorobiphenyl
Concen: 82.88 ng
RT: 11.51 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BF094969.D
Acq: 8 May 2017 5:10

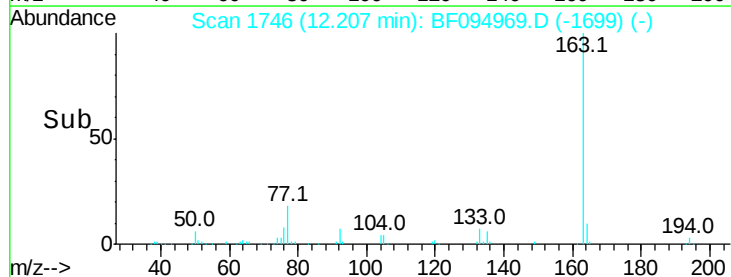
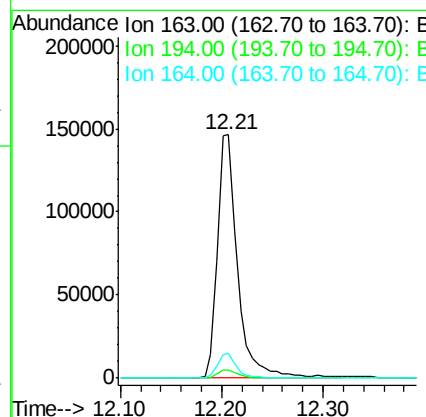
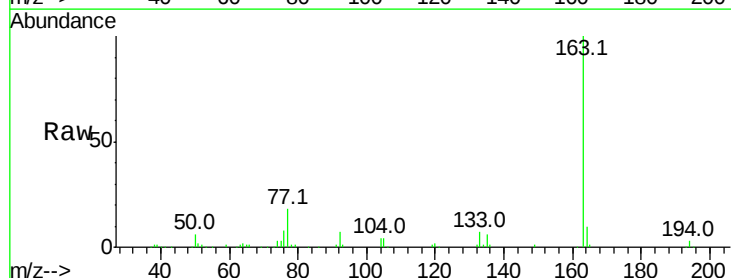
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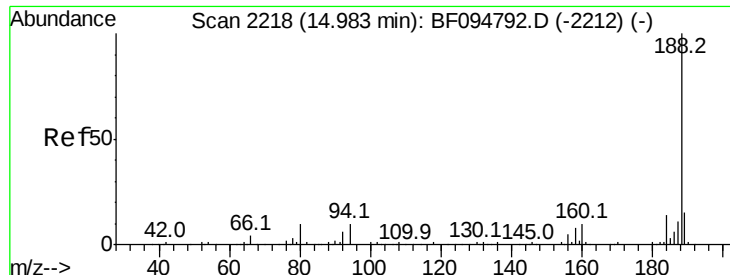
Tot Ion:172 Resp: 1082959
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.6 19.8 29.8



#49
Dimethylphthalate
Concen: 13.20 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF094969.D
Acq: 8 May 2017 5:10

Tgt Ion:163 Resp: 203850
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.4 8.4 12.6

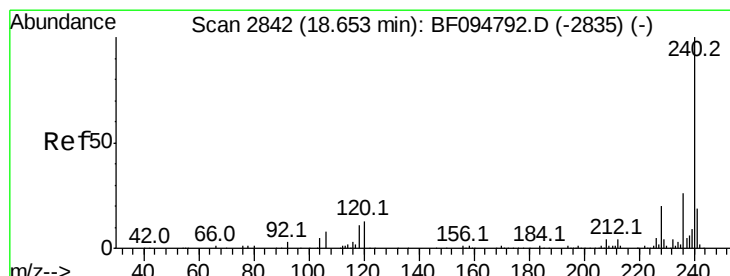
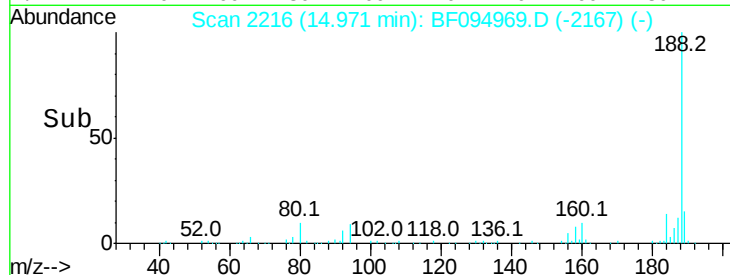
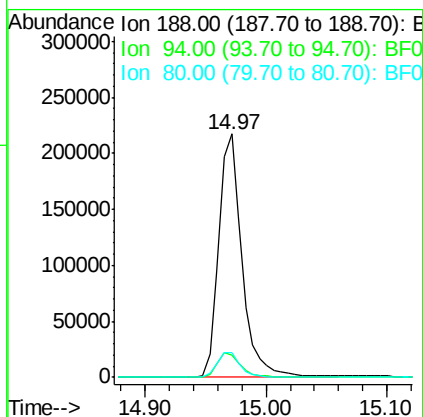
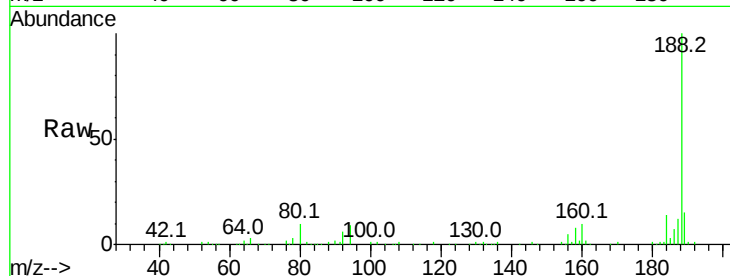




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094969.D
 Acq: 8 May 2017 5:10

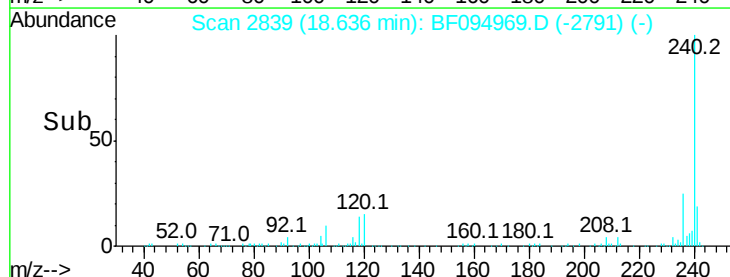
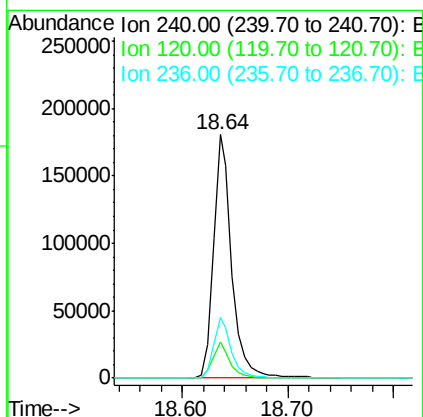
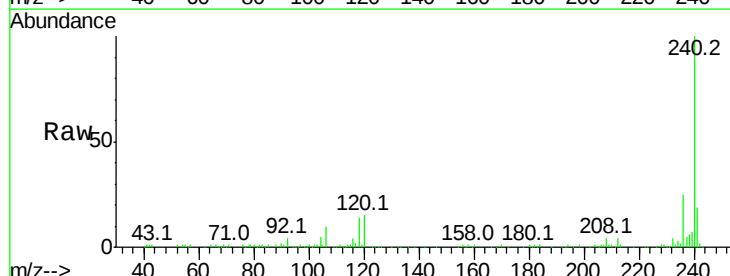
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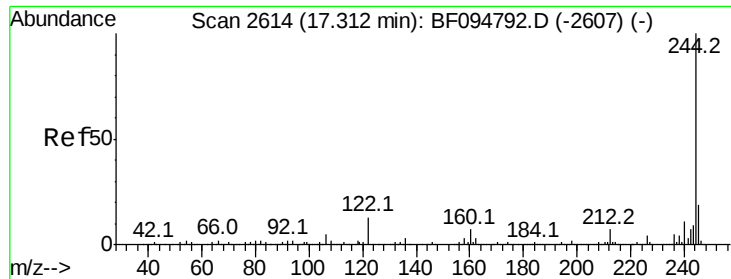
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.4	14.2#
80	10.3	10.2	15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF094969.D
 Acq: 8 May 2017 5:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	24.7	20.5	30.7

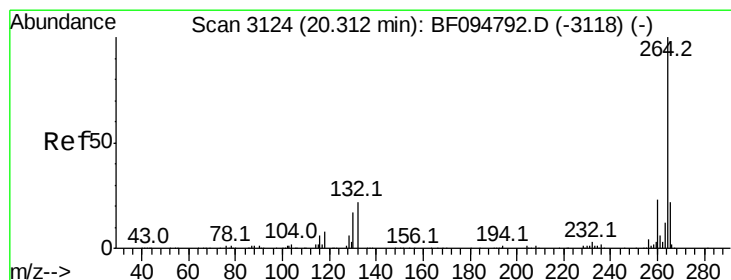
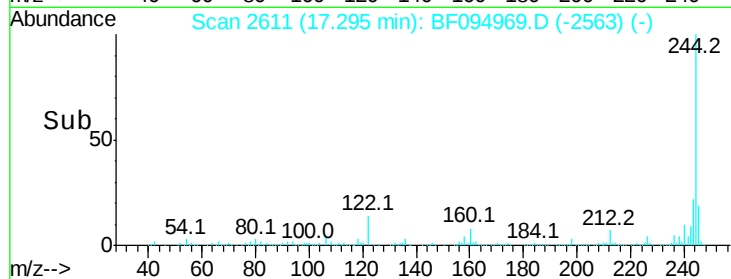
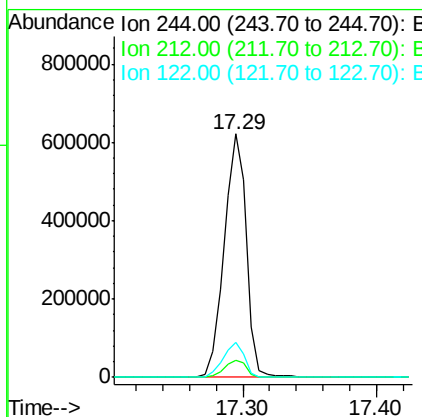
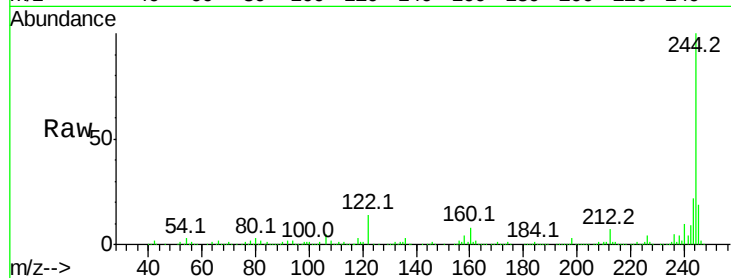




#78
 Terphenyl-d14
 Concen: 72.87 ng
 RT: 17.29 min Scan# 2611
 Delta R.T. -0.02 min
 Lab File: BF094969.D
 Acq: 8 May 2017 5:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-6.5-7.0-DUP

Tot Ion:244 Resp: 728892
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 14.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094969.D
 Acq: 8 May 2017 5:10

Tgt Ion:264 Resp: 204362
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 20.2 17.2 25.8

