

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031319\
 Data File : BF113036.D
 Acq On : 13 Mar 2019 18:54
 Operator : JU/SJ
 Sample : K1844-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOTE-1-3

Quant Time: Mar 14 02:14:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

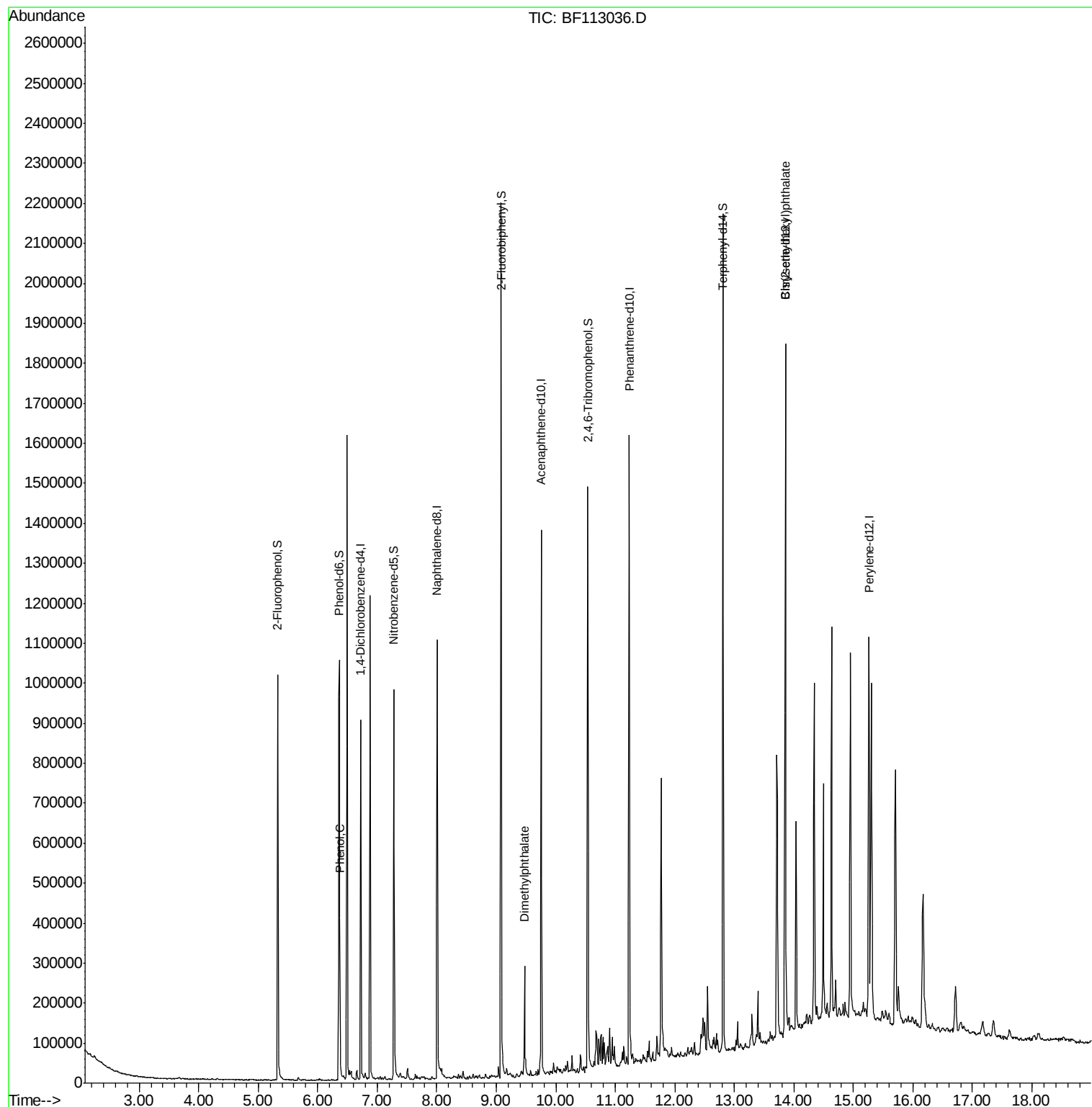
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	140583	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	563372	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	286524	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	614304	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	527022	20.00	ng	-0.01
87) Perylene-d12	15.26	264	487209	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	305010	33.75	ng	-0.02
7) Phenol-d6	6.36	99	380201	33.49	ng	-0.01
23) Nitrobenzene-d5	7.28	82	310232	32.95	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	200326	65.86	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	668731	32.63	ng	-0.01
79) Terphenyl-d14	12.81	244	685041	25.20	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	38427	2.901	ng	88
50) Dimethylphthalate	9.47	163	110456	5.228	ng	98
84) Bis(2-ethylhexyl)phthalate	13.85	149	163015	7.087	ng	99

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

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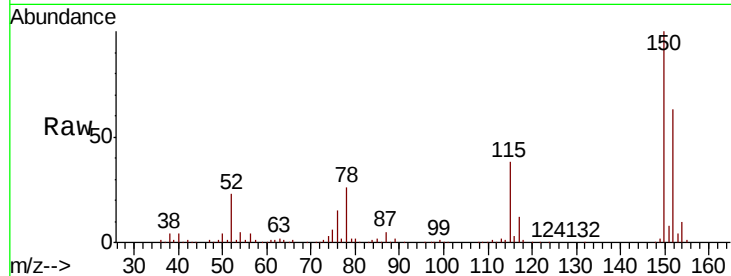


#1

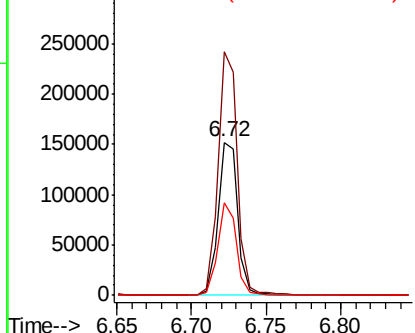
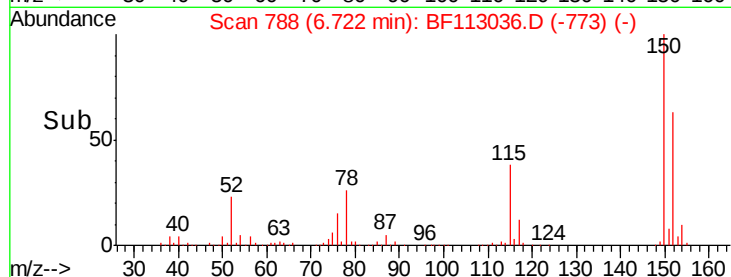
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113036.D
Acq: 13 Mar 2019 18:54

Instrument :
BNA_F
ClientSampleId :
TOTE-1-3

Tot Ion:152 Resp: 140583
Ion Ratio Lower Upper
152 100
150 159.4 124.2 186.2
115 60.3 48.2 72.4



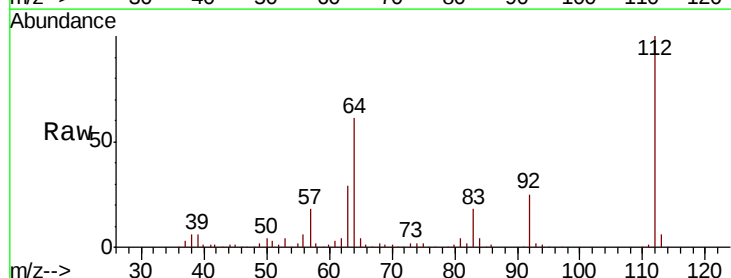
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



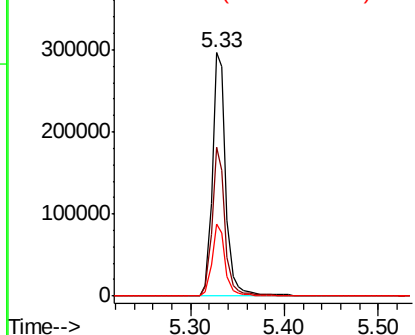
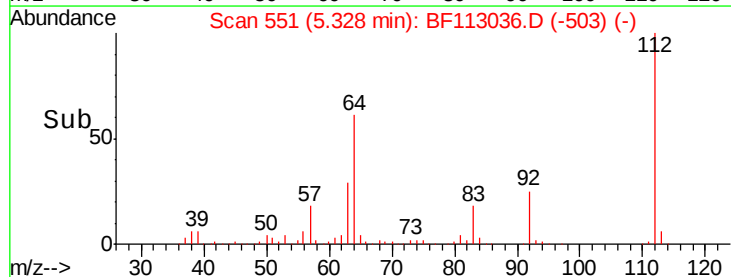
#5

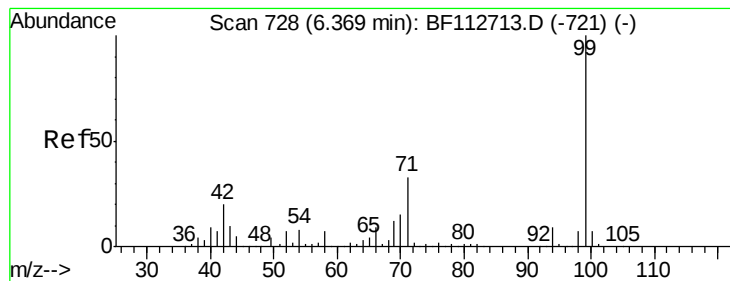
2-Fluorophenol
Concen: 33.749 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF113036.D
Acq: 13 Mar 2019 18:54

Tgt Ion:112 Resp: 305010
Ion Ratio Lower Upper
112 100
64 61.3 47.6 71.4
63 29.5 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 33.490 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113036.D

Acq: 13 Mar 2019 18:54

Instrument :

BNA_F

ClientSampleId :

TOTE-1-3

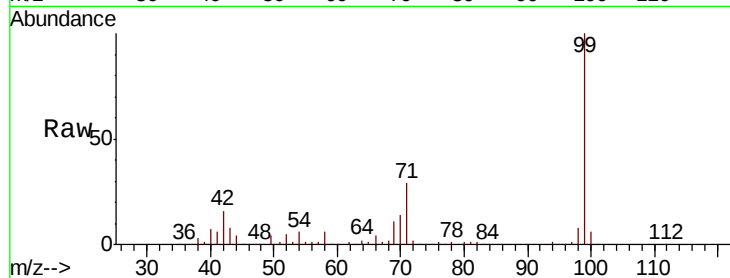
Tot Ion: 99 Resp: 380201

Ion Ratio Lower Upper

99 100

42 16.0 16.3 24.5#

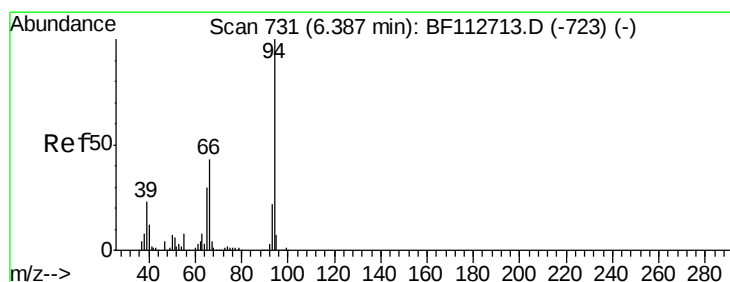
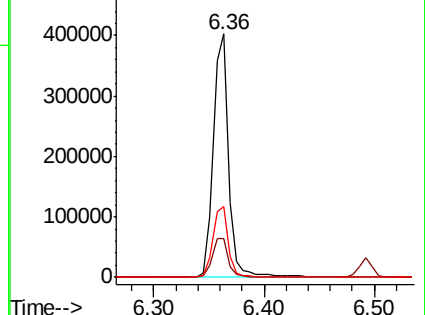
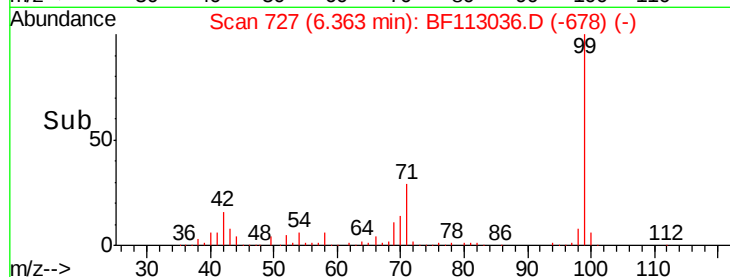
71 29.0 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.901 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF113036.D

Acq: 13 Mar 2019 18:54

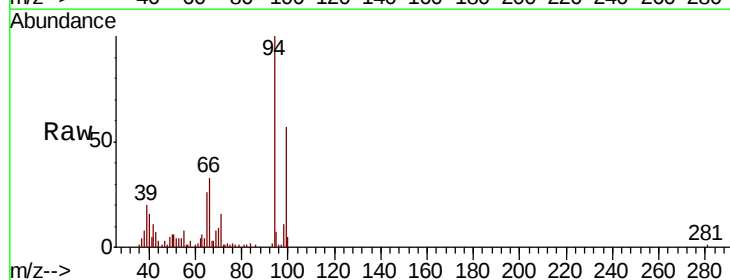
Tgt Ion: 94 Resp: 38427

Ion Ratio Lower Upper

94 100

65 25.9 10.5 50.5

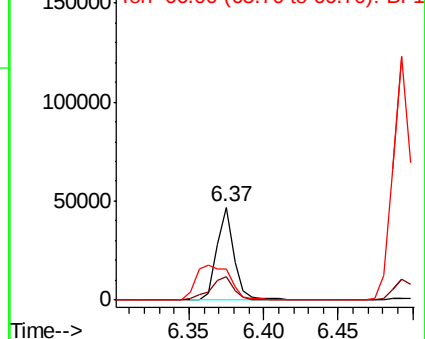
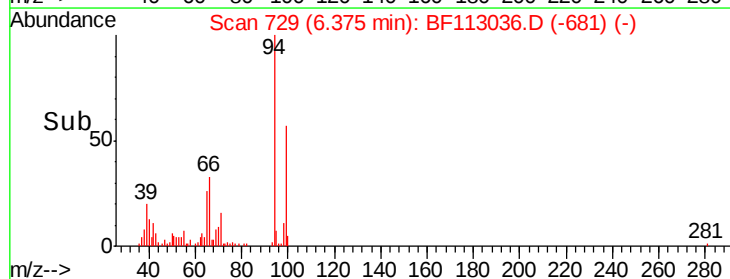
66 33.4 22.6 62.6

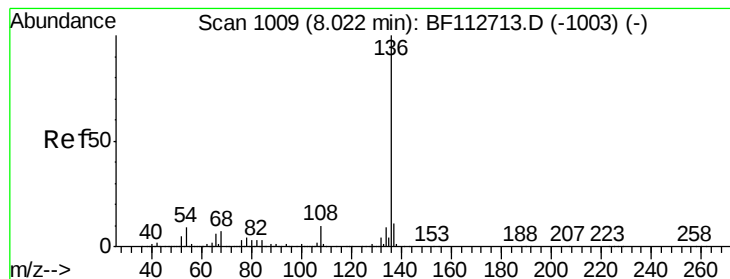


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF113036.D

Acq: 13 Mar 2019 18:54

Instrument :

BNA_F

ClientSampleId :

TOTE-1-3

Tot Ion:136 Resp: 563372

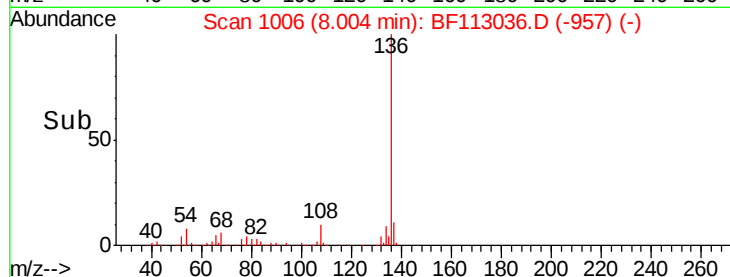
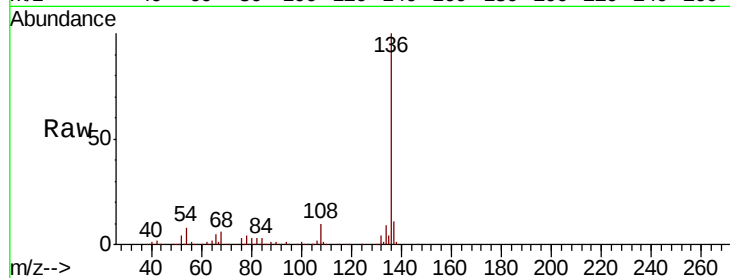
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.3 7.3 10.9

68 6.2 5.4 8.2



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): BF1

Ion 68.00 (67.70 to 68.70): BF1

8.00

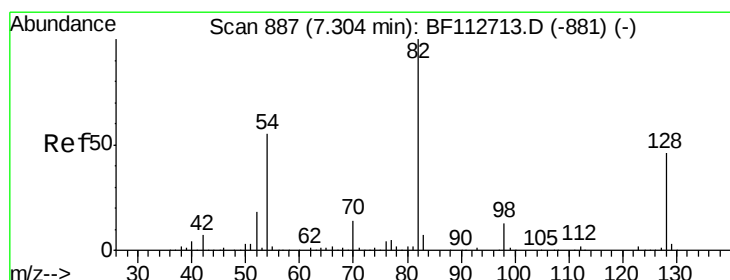
600000

400000

200000

0

Time--> 7.90 8.00 8.10 8.20



#23

Nitrobenzene-d5

Concen: 32.951 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF113036.D

Acq: 13 Mar 2019 18:54

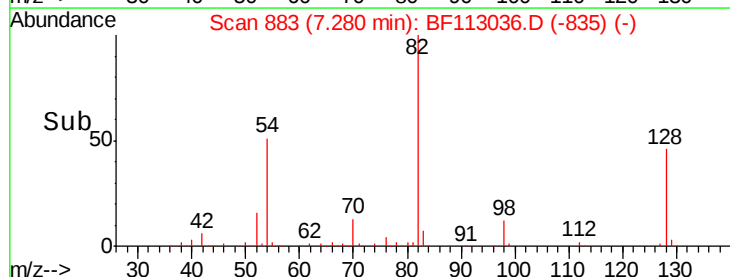
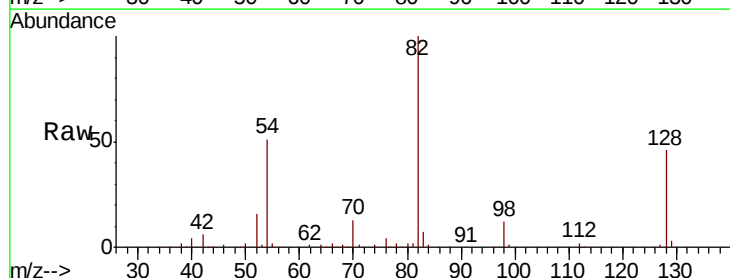
Tgt Ion: 82 Resp: 310232

Ion Ratio Lower Upper

82 100

128 45.9 36.3 54.5

54 51.4 43.7 65.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

7.28

400000

300000

200000

100000

0

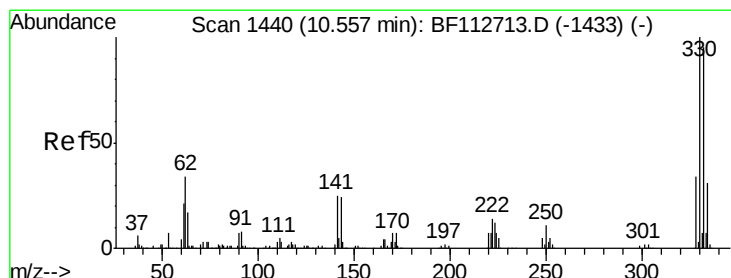
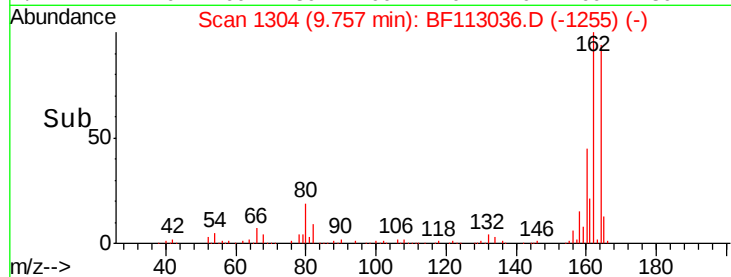
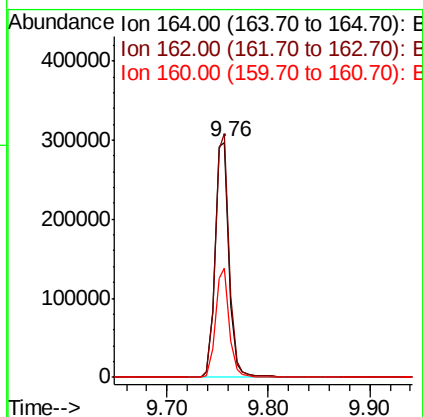
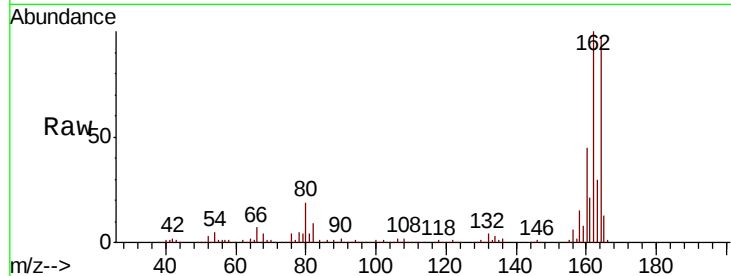
Time--> 7.20 7.25 7.30 7.35 7.40



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF113036.D
 Acq: 13 Mar 2019 18:54

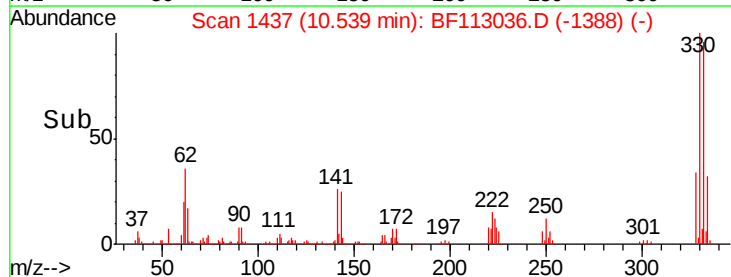
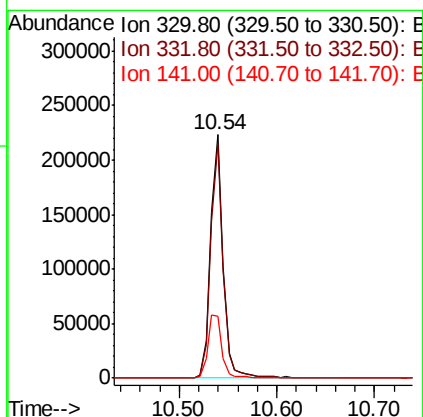
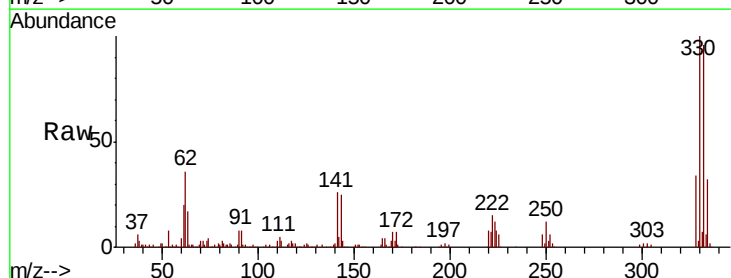
Instrument :
 BNA_F
 ClientSampleId :
 TOTE-1-3

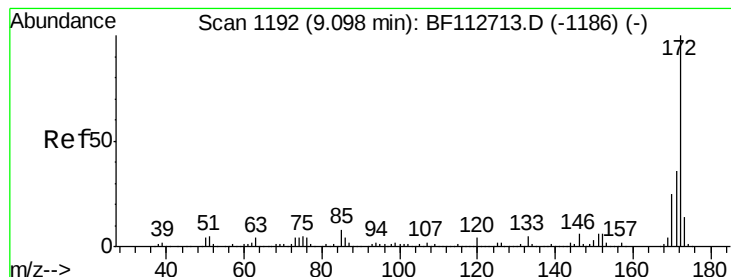
Tot Ion:164 Resp: 286524
 Ion Ratio Lower Upper
 164 100
 162 103.6 80.6 120.8
 160 46.3 36.0 54.0



#42
 2,4,6-Tribromophenol
 Concen: 65.857 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF113036.D
 Acq: 13 Mar 2019 18:54

Tgt Ion:330 Resp: 200326
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.2 114.4
 141 29.4 27.0 40.6





#45

2-Fluorobiphenyl

Concen: 32.627 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF113036.D

Acq: 13 Mar 2019 18:54

Instrument :

BNA_F

ClientSampleId :

TOTE-1-3

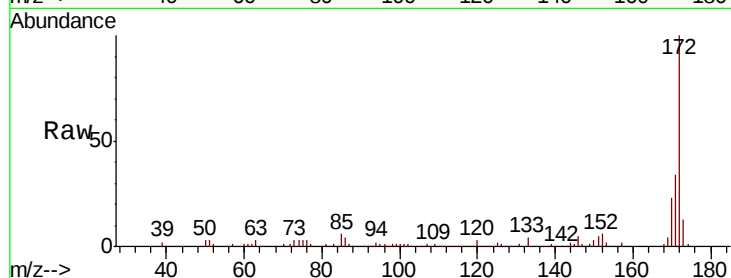
Tot Ion:172 Resp: 668731

Ion Ratio Lower Upper

172 100

171 34.3 29.0 43.4

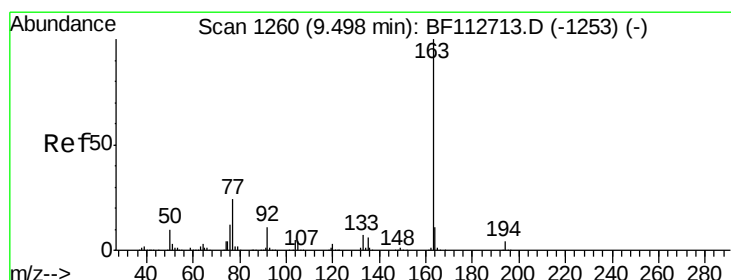
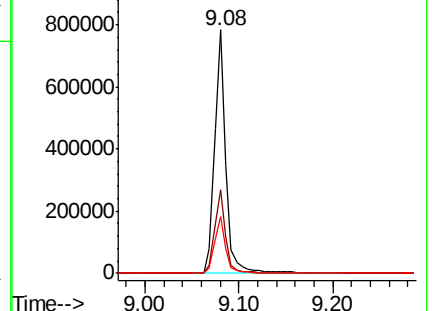
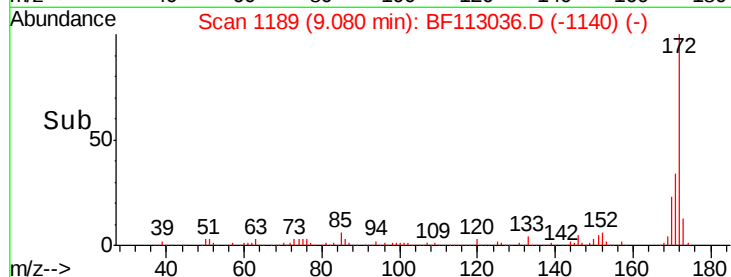
170 23.5 20.0 30.0



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50

Dimethylphthalate

Concen: 5.228 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.02 min

Lab File: BF113036.D

Acq: 13 Mar 2019 18:54

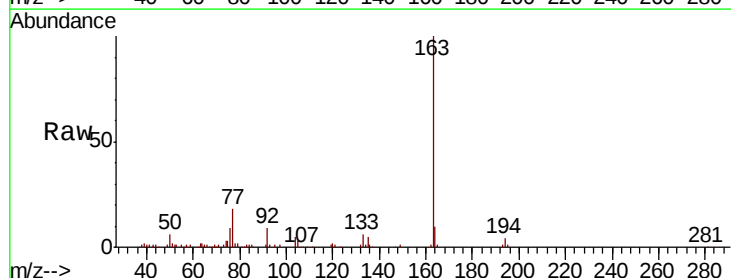
Tgt Ion:163 Resp: 110456

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

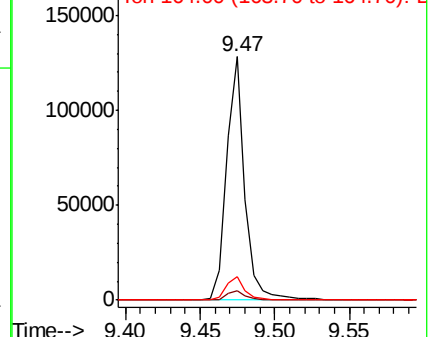
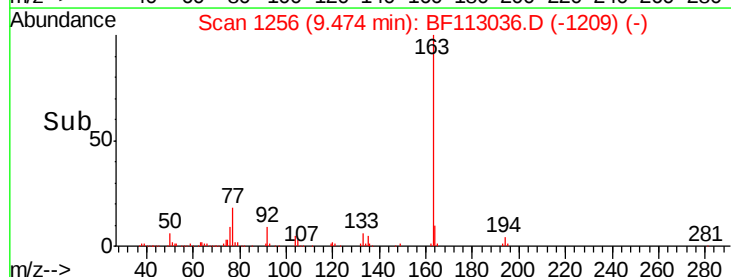
164 9.6 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

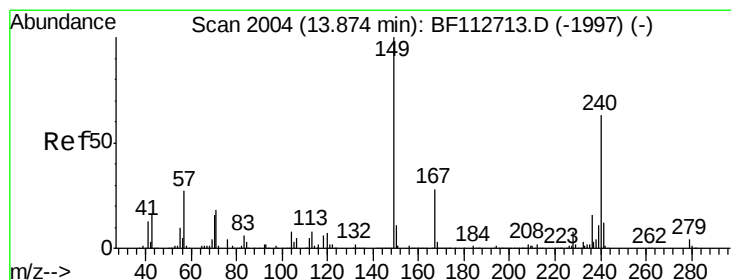
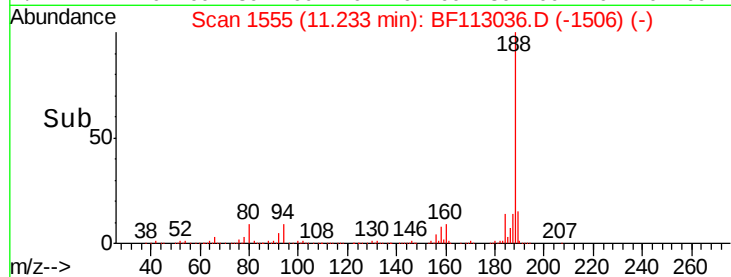
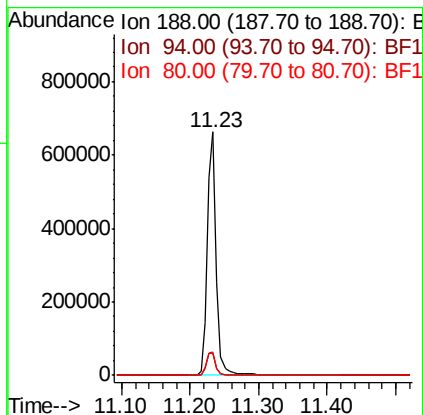
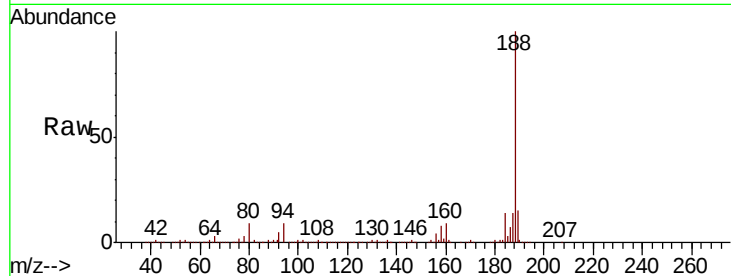




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113036.D
Acq: 13 Mar 2019 18:54

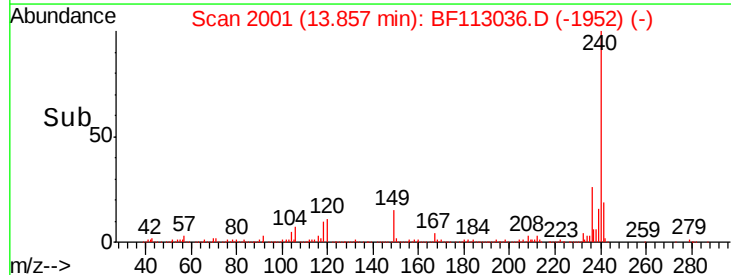
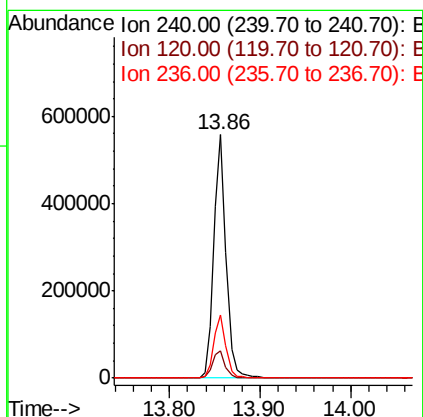
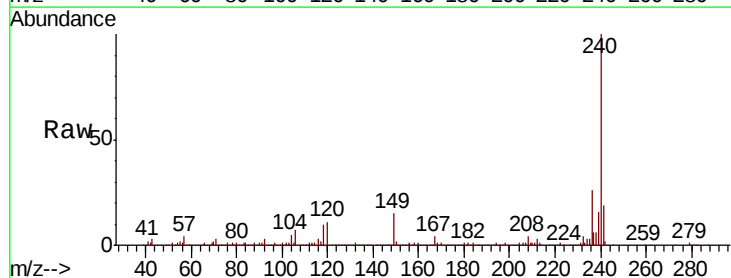
Instrument :
BNA_F
ClientSampleId :
TOTE-1-3

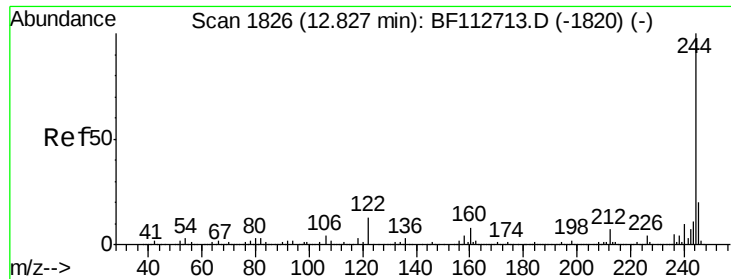
Tot Ion:188 Resp: 614304
Ion Ratio Lower Upper
188 100
94 9.3 9.0 13.4
80 9.4 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF113036.D
Acq: 13 Mar 2019 18:54

Tgt Ion:240 Resp: 527022
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 26.1 20.7 31.1

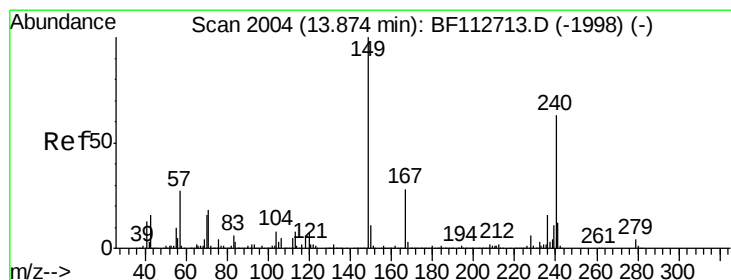
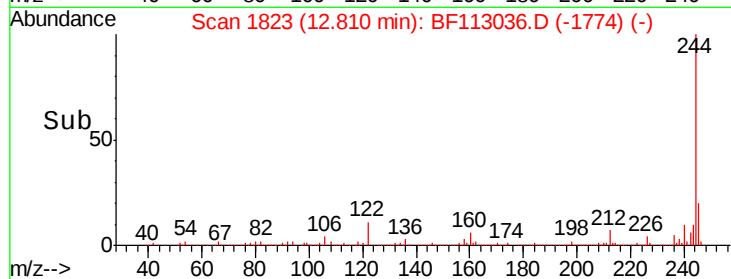
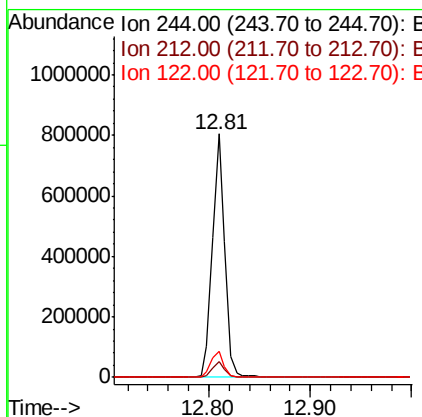
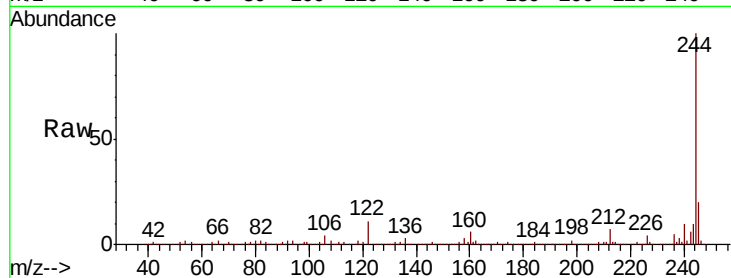




#79
 Terphenyl-d14
 Concen: 25.197 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF113036.D
 Acq: 13 Mar 2019 18:54

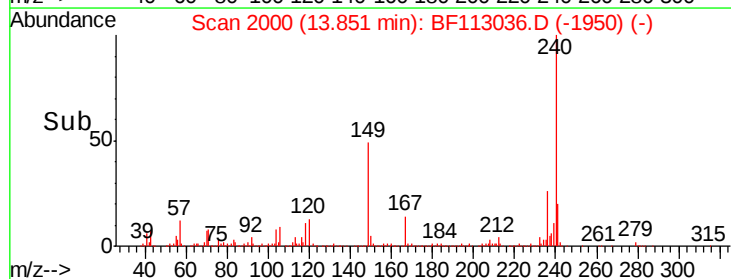
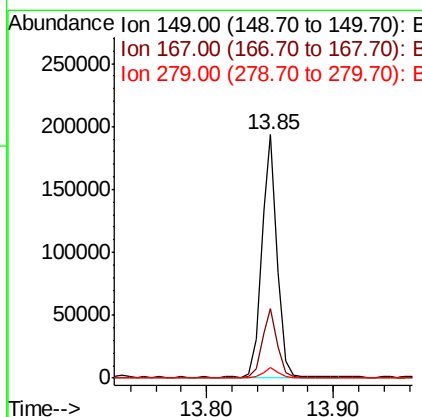
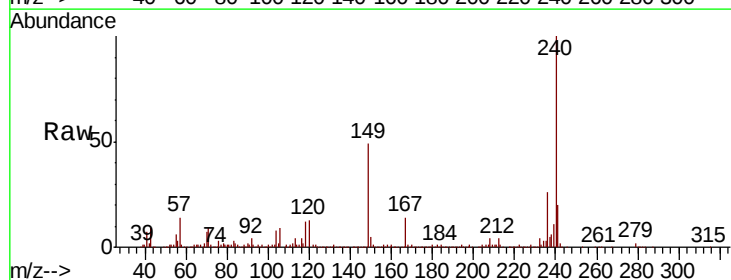
Instrument :
 BNA_F
 ClientSampled :
 TOTE-1-3

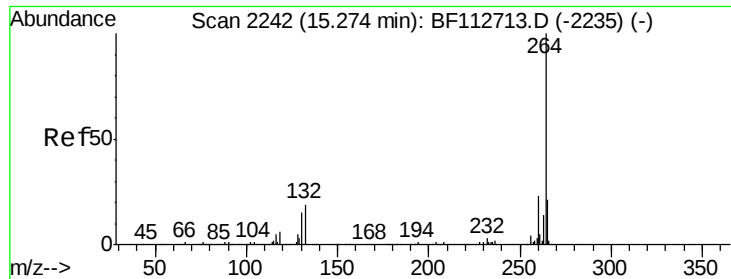
Tot Ion:244 Resp: 685041
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.9 10.5 15.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.087 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF113036.D
 Acq: 13 Mar 2019 18:54

Tgt Ion:149 Resp: 163015
 Ion Ratio Lower Upper
 149 100
 167 28.7 22.4 33.6
 279 4.1 3.3 4.9





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF113036.D
Acq: 13 Mar 2019 18:54

Instrument :
BNA_F
ClientSampleId :
TOTE-1-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.3	17.2	25.8

