

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
 Data File : BF094099.D
 Acq On : 31 Mar 2017 16:39
 Operator : SJ/MA
 Sample : I2458-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-6-S2(2.5-3.0)

Quant Time: Apr 01 00:14:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

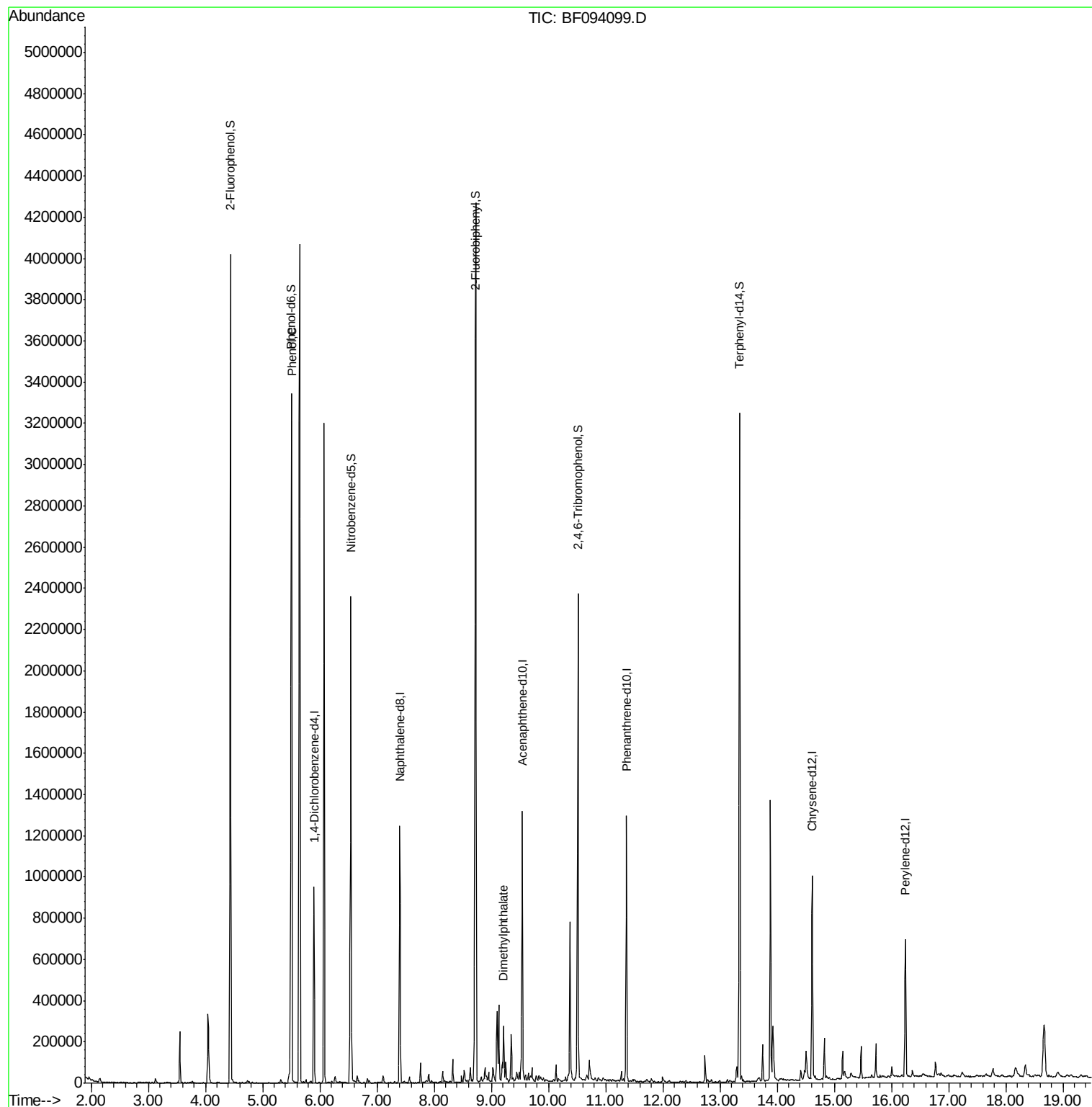
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	156135	20.00	ng	0.00
21) Naphthalene-d8	7.40	136	628565	20.00	ng	-0.01
38) Acenaphthene-d10	9.54	164	287268	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	502658	20.00	ng	-0.01
75) Chrysene-d12	14.62	240	372485	20.00	ng	-0.01
86) Perylene-d12	16.24	264	264873	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.44	112	1289616	139.51	ng	0.00
7) Phenol-d6	5.50	99	1692711	148.02	ng	0.00
23) Nitrobenzene-d5	6.55	82	1065544	96.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	334301	147.27	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	1700192	90.27	ng	0.00
78) Terphenyl-d14	13.34	244	1253256	75.42	ng	0.00
Target Compounds						
10) Phenol	5.52	94	44777	3.44	ng	94
49) Dimethylphthalate	9.22	163	115774	5.67	ng	100

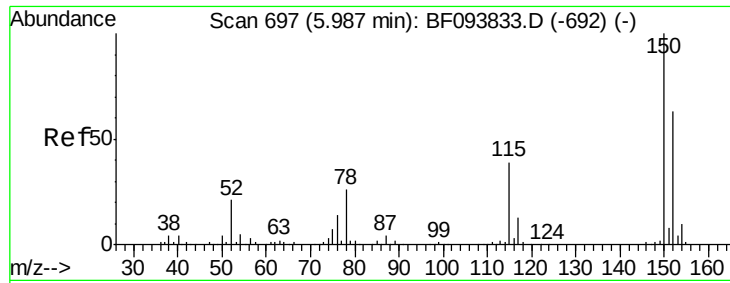
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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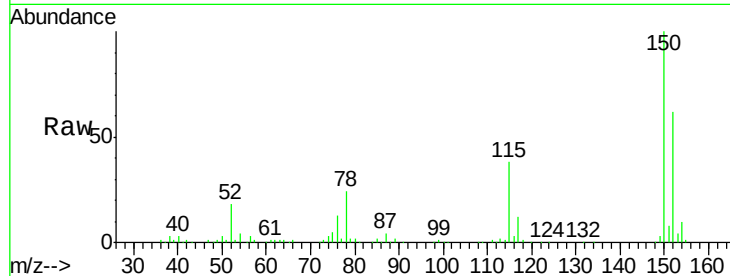


#1

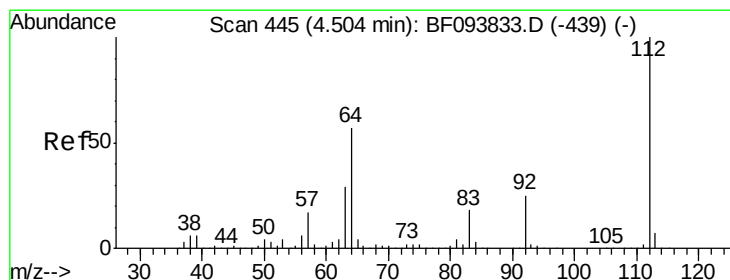
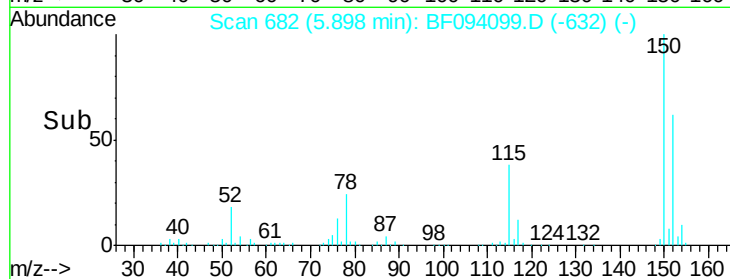
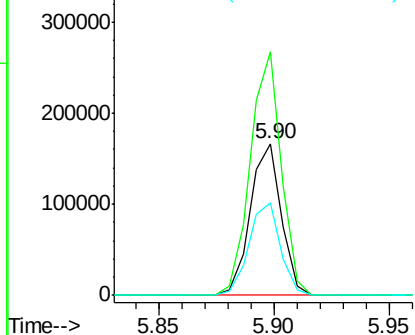
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.90 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF094099.D
Acq: 31 Mar 2017 16:39

Instrument :
BNA_F
ClientSampleId :
B-6-S2(2.5-3.0)

Tot Ion:152 Resp: 156135
Ion Ratio Lower Upper
152 100
150 160.2 126.2 189.2
115 60.7 52.2 78.2



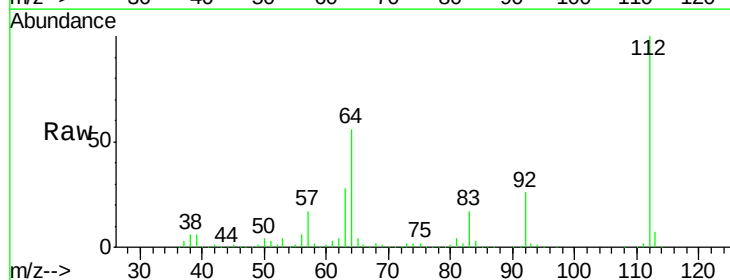
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



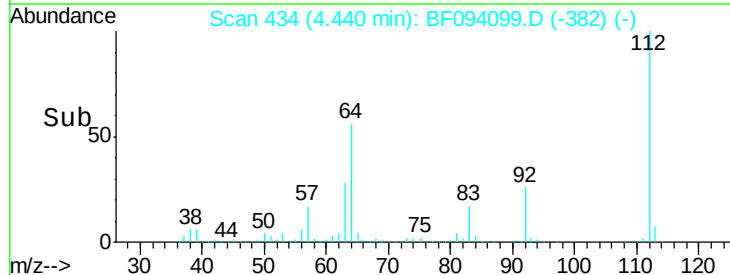
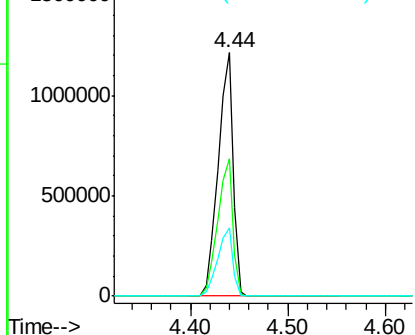
#5

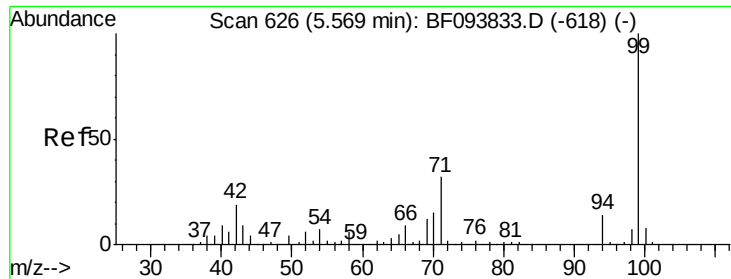
2-Fluorophenol
Concen: 139.51 ng
RT: 4.44 min Scan# 434
Delta R.T. 0.01 min
Lab File: BF094099.D
Acq: 31 Mar 2017 16:39

Tgt Ion:112 Resp: 1289616
Ion Ratio Lower Upper
112 100
64 56.4 46.0 69.0
63 28.3 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: 148.02 ng

RT: 5.50 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF094099.D

Acq: 31 Mar 2017 16:39

Instrument :

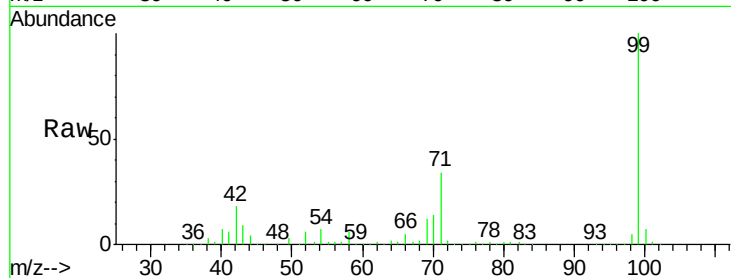
BNA_F

ClientSampleId :

B-6-S2(2.5-3.0)

Tot Ion: 99 Resp: 1692711

Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.5	20.3
71	33.7	24.5	36.7

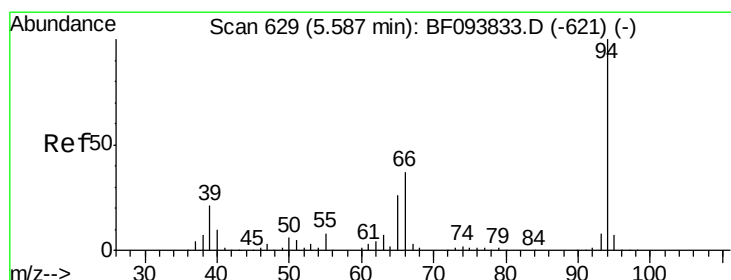
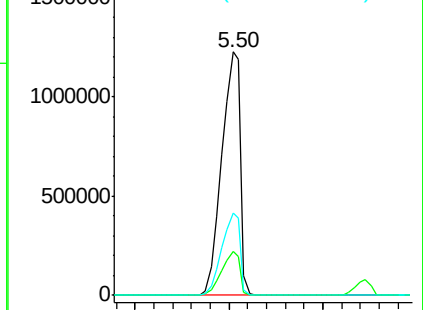
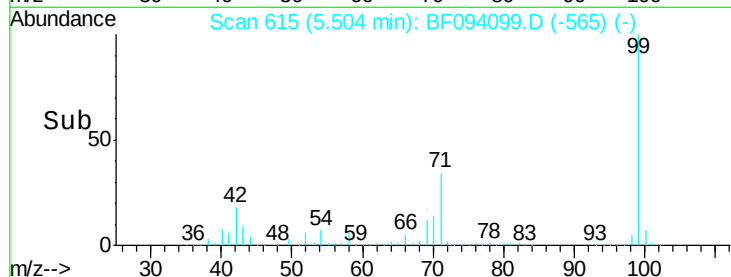


Abundance

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



#10

Phenol

Concen: 3.44 ng

RT: 5.52 min Scan# 617

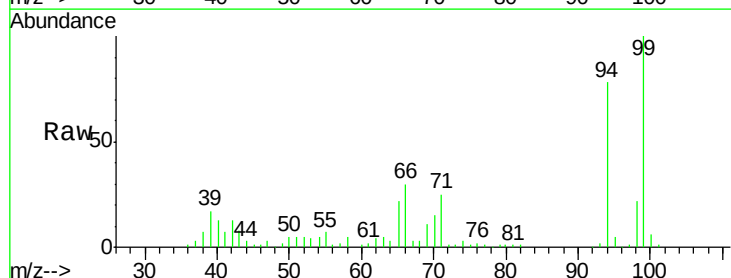
Delta R.T. -0.01 min

Lab File: BF094099.D

Acq: 31 Mar 2017 16:39

Tgt Ion: 94 Resp: 44777

Ion	Ratio	Lower	Upper
94	100		
65	27.6	9.9	49.9
66	38.2	23.1	63.1

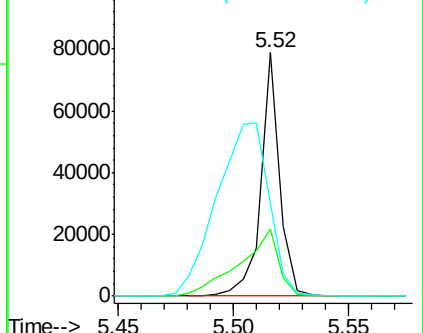
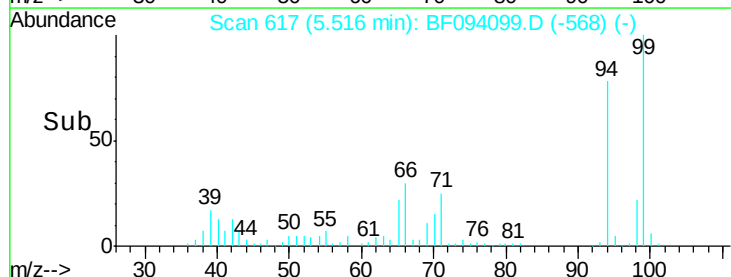


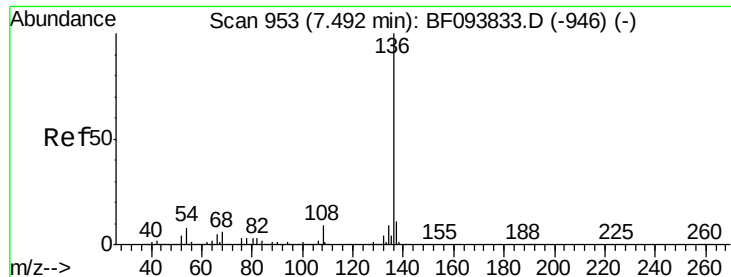
Abundance

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: 7.40 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF094099.D

Acq: 31 Mar 2017 16:39

Instrument :

BNA_F

ClientSampleId :

B-6-S2(2.5-3.0)

Tot Ion:136 Resp: 628565

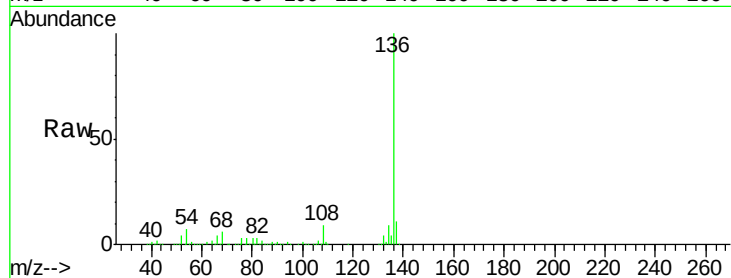
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.2 4.9 7.3

68 6.1 4.1 6.1

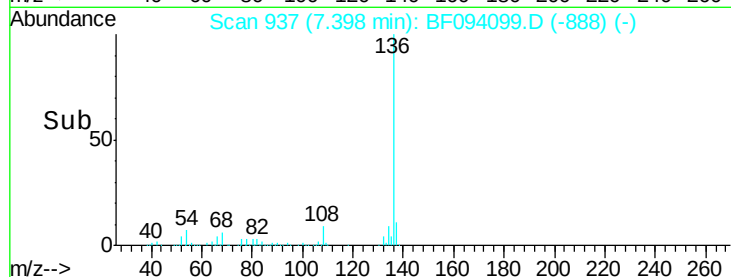


Abundance Ion 136.00 (135.70 to 136.70): E

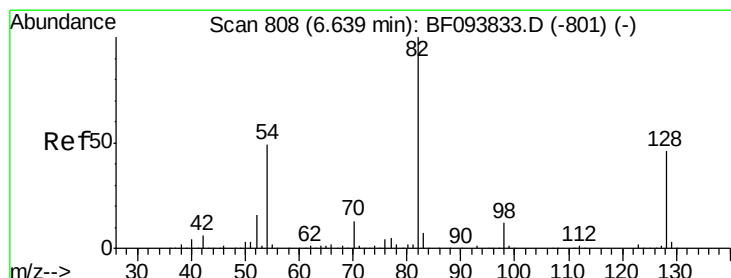
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 96.74 ng

RT: 6.55 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF094099.D

Acq: 31 Mar 2017 16:39

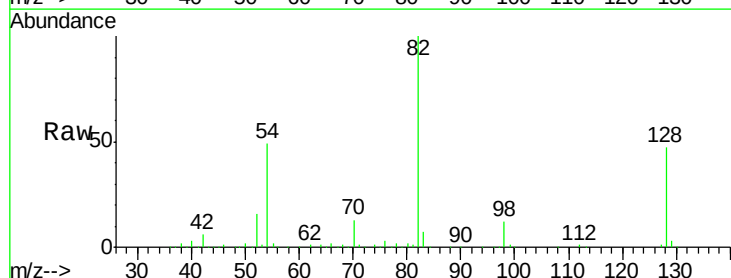
Tgt Ion: 82 Resp: 1065544

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

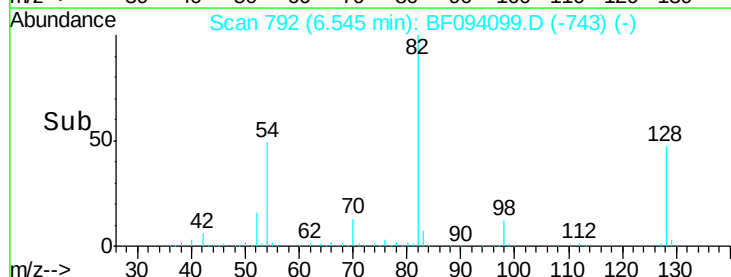
54 49.0 42.2 63.2



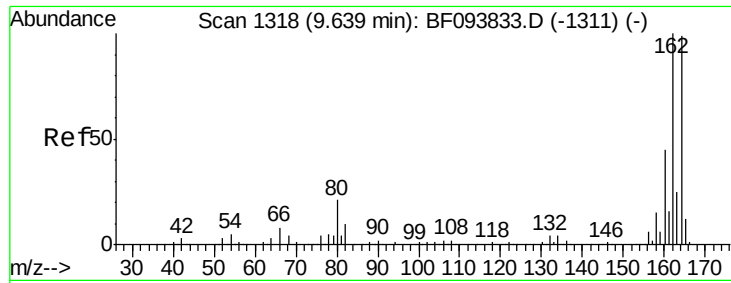
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



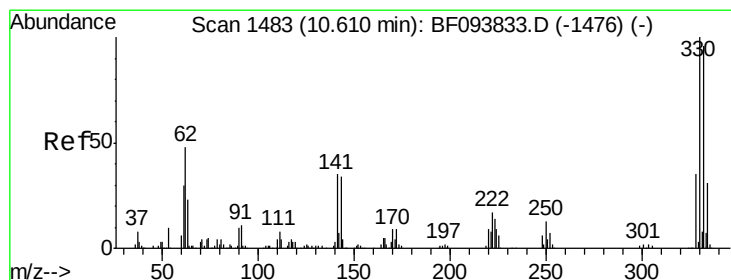
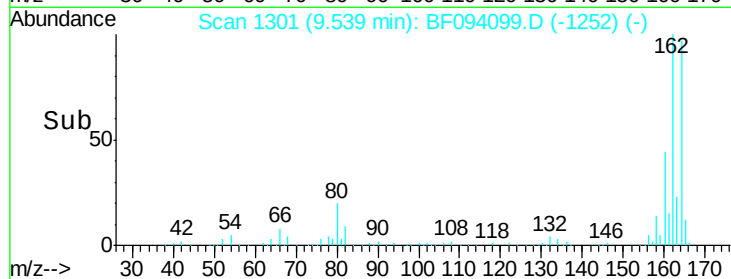
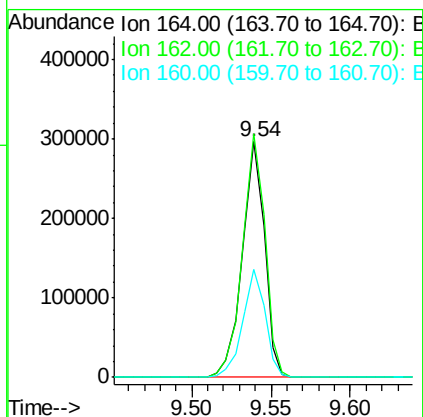
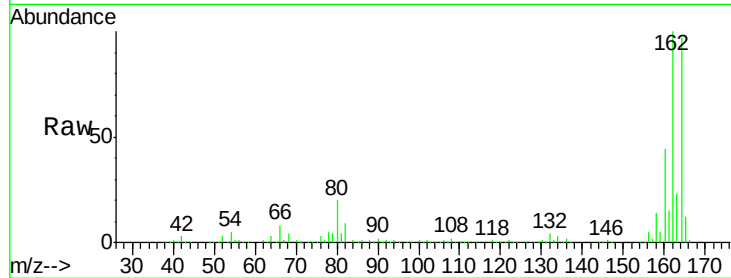
Time-->



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BF094099.D
 Acq: 31 Mar 2017 16:39

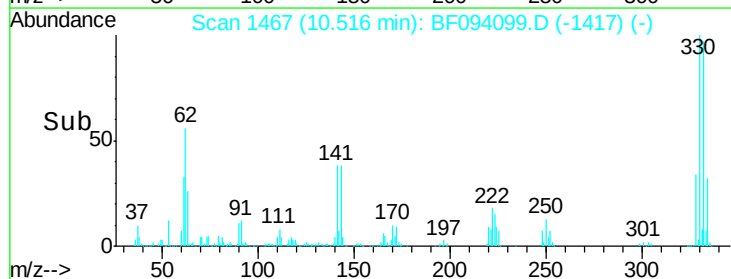
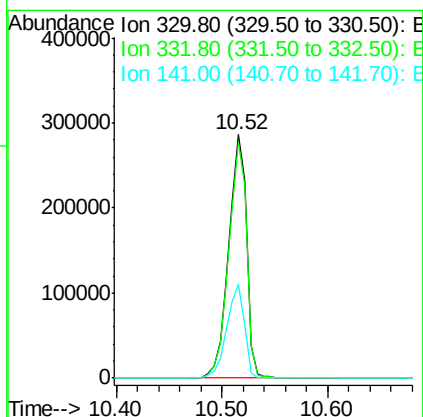
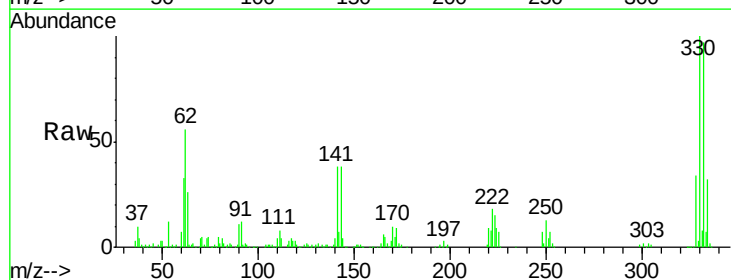
Instrument :
 BNA_F
 ClientSampleId :
 B-6-S2(2.5-3.0)

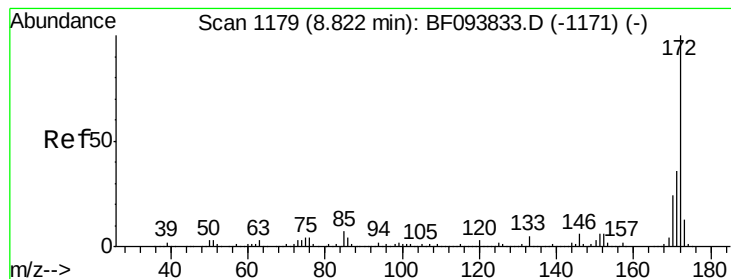
Tot Ion:164 Resp: 287268
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.6 123.8
 160 46.0 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 147.27 ng
 RT: 10.52 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF094099.D
 Acq: 31 Mar 2017 16:39

Tgt Ion:330 Resp: 334301
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 38.0 31.4 47.2





#44

2-Fluorobiphenyl

Concen: 90.27 ng

RT: 8.73 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF094099.D

Acq: 31 Mar 2017 16:39

Instrument :

BNA_F

ClientSampleId :

B-6-S2(2.5-3.0)

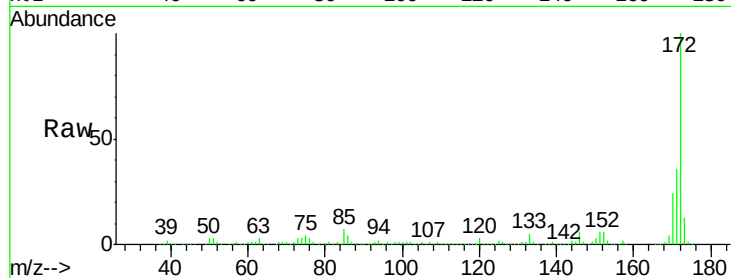
Tot Ion:172 Resp: 1700192

Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

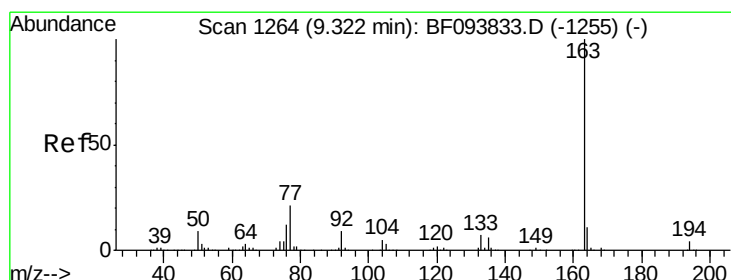
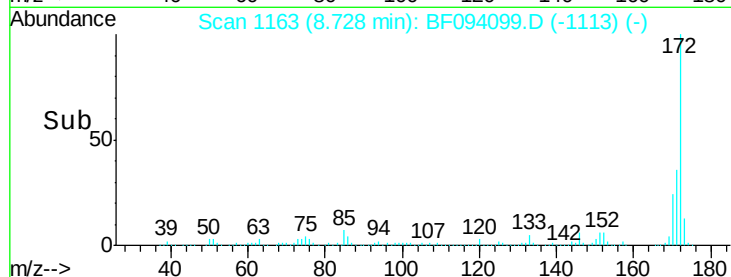
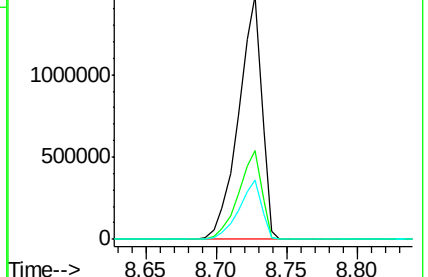
170 24.2 19.8 29.8



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



#49

Dimethylphthalate

Concen: 5.67 ng

RT: 9.22 min Scan# 1246

Delta R.T. -0.03 min

Lab File: BF094099.D

Acq: 31 Mar 2017 16:39

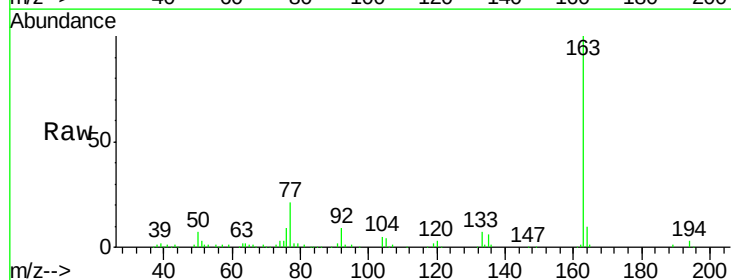
Tgt Ion:163 Resp: 115774

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

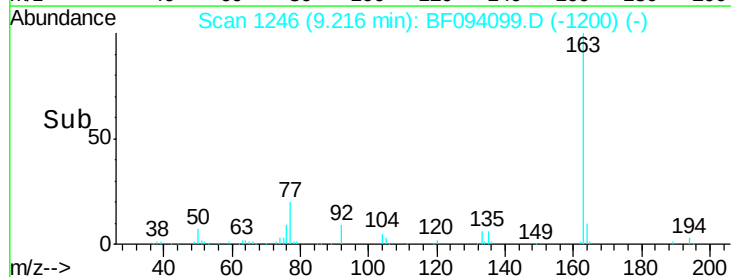
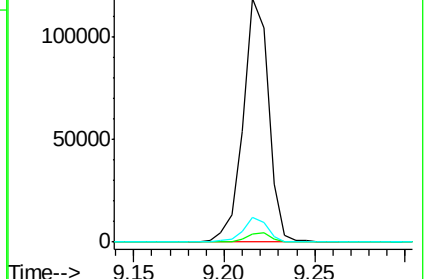
164 10.3 8.4 12.6

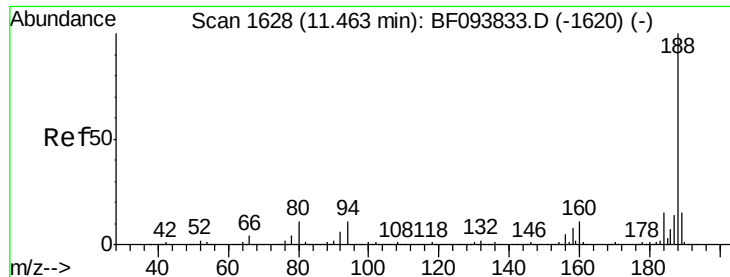


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

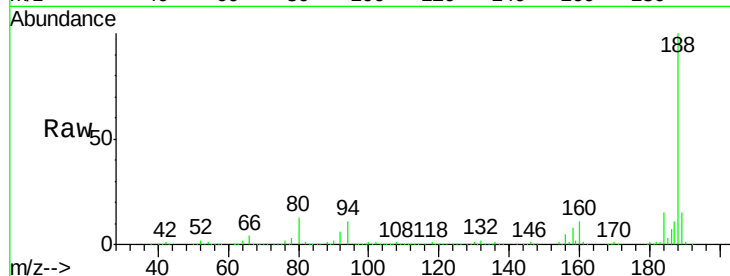




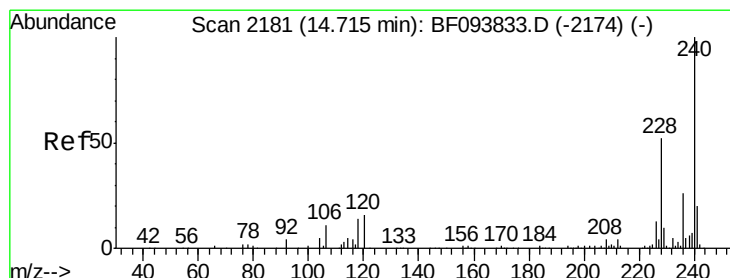
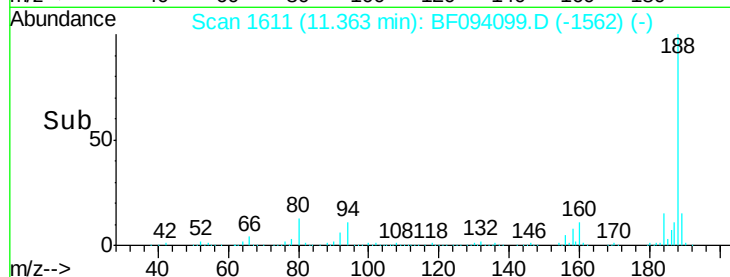
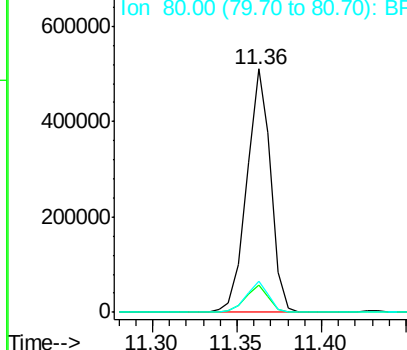
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BF094099.D
Acq: 31 Mar 2017 16:39

Instrument :
BNA_F
ClientSampleId :
B-6-S2(2.5-3.0)

Tot Ion:188 Resp: 502658
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 12.6 10.2 15.2

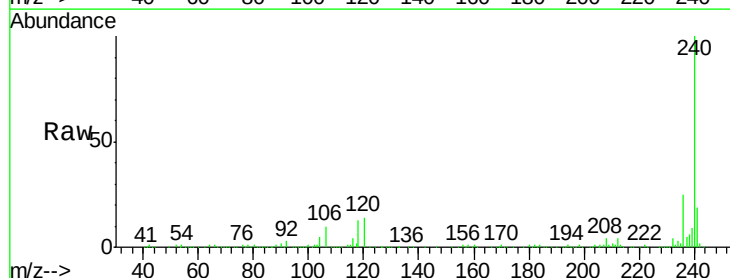


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

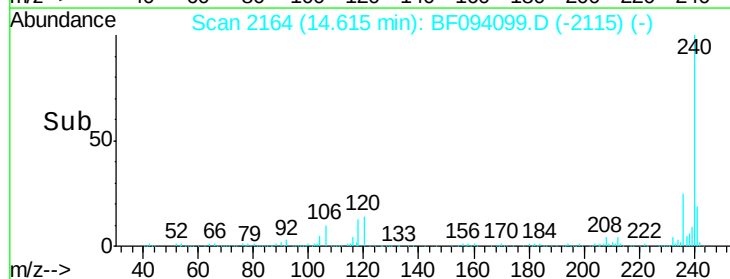
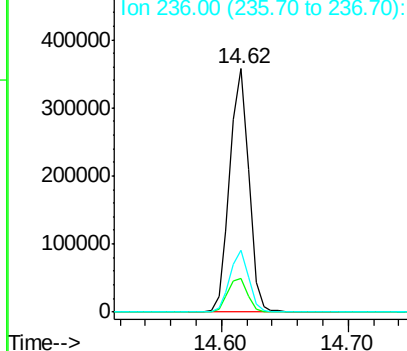


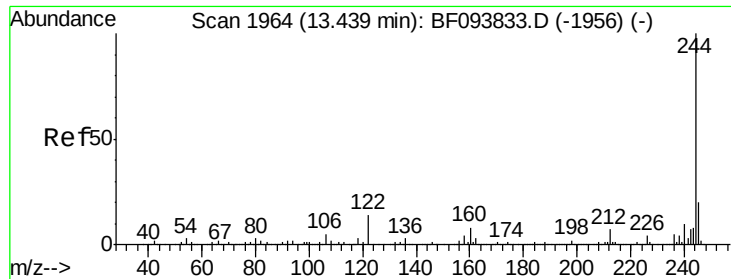
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF094099.D
Acq: 31 Mar 2017 16:39

Tgt Ion:240 Resp: 372485
Ion Ratio Lower Upper
240 100
120 13.8 5.8 8.8#
236 25.2 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

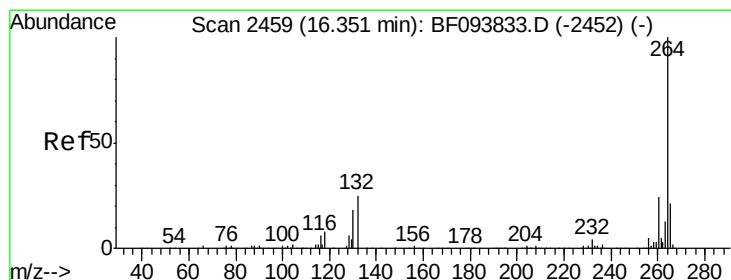
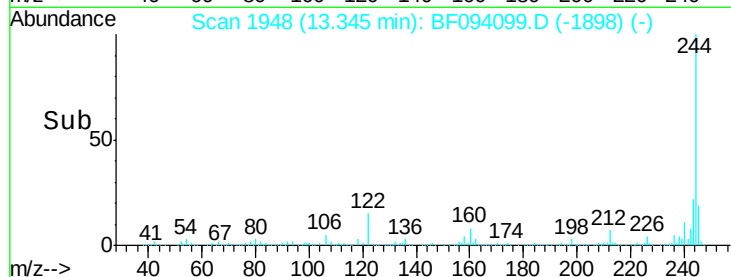
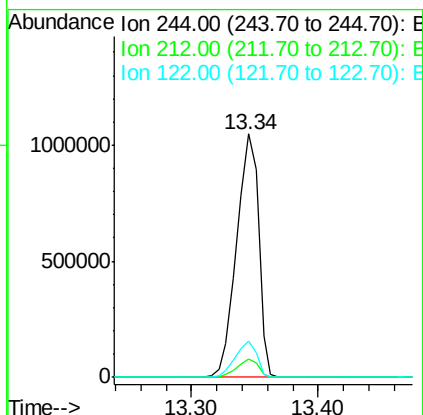
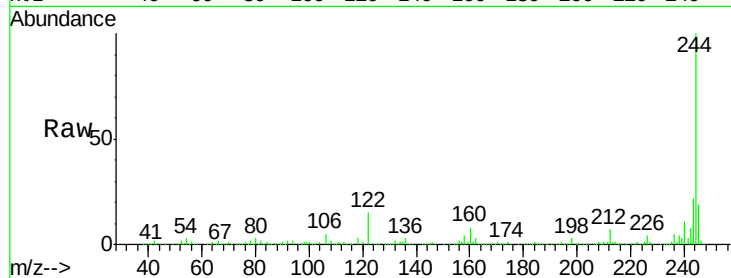




#78
 Terphenyl-d14
 Concen: 75.42 ng
 RT: 13.34 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BF094099.D
 Acq: 31 Mar 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 B-6-S2(2.5-3.0)

Tot Ion:244 Resp: 1253256
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 14.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.24 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BF094099.D
 Acq: 31 Mar 2017 16:39

Tgt Ion:264 Resp: 264873
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 22.4 17.2 25.8

