

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
 Data File : BF082180.D
 Acq On : 10 Oct 2015 17:07
 Operator : UM/IZ
 Sample : G3974-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP222BR-35-37

Quant Time: Oct 12 02:33:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 01:46:21 2015
 Response via : Initial Calibration

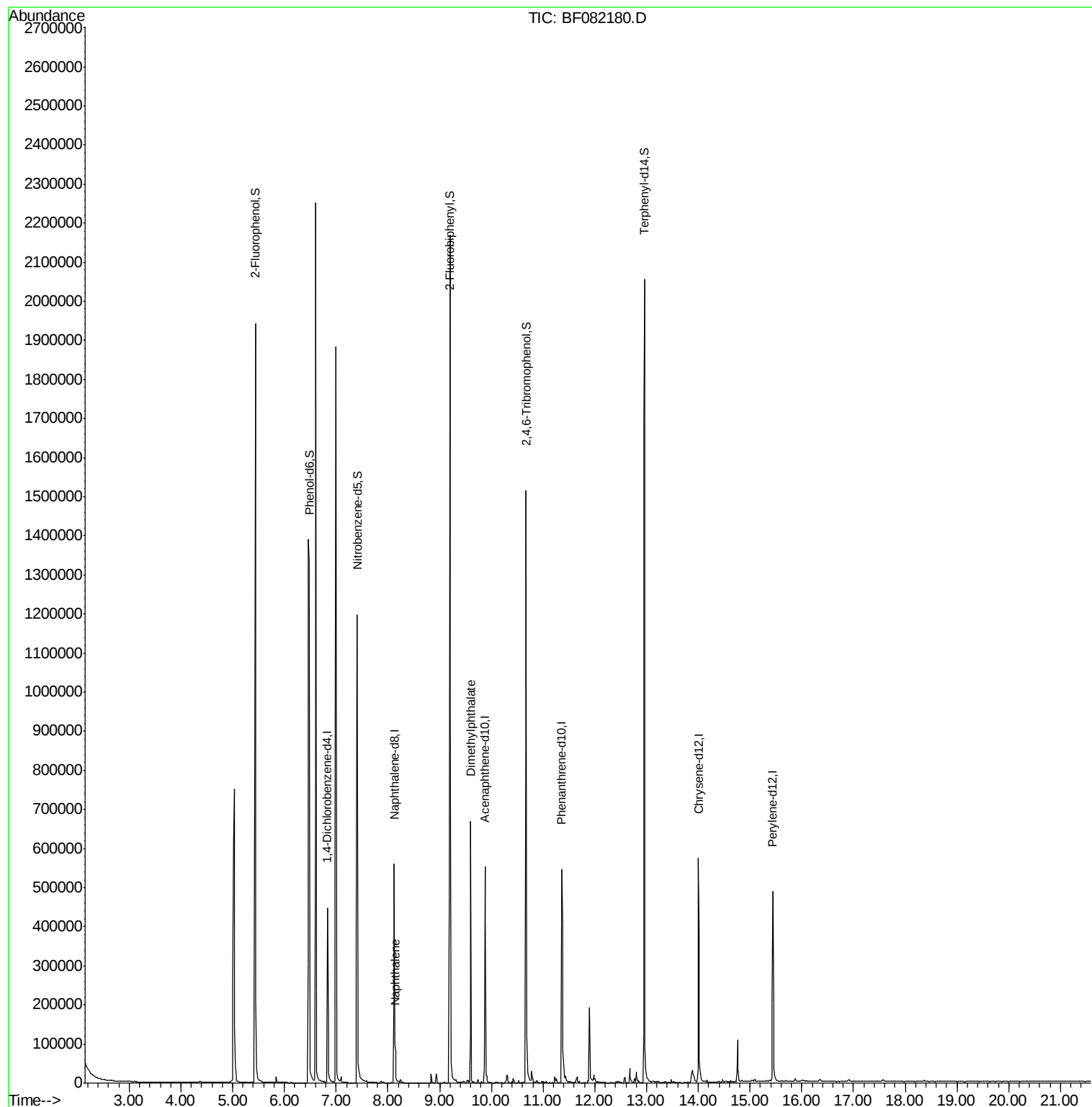
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	80405	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	318870	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	159029	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	314468	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	301266	20.00	ng	-0.01
86) Perylene-d12	15.44	264	254343	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	605692	152.03	ng	0.01
7) Phenol-d6	6.48	99	822368	158.62	ng	0.00
23) Nitrobenzene-d5	7.41	82	482253	101.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	242041	162.29	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	926759	96.64	ng	-0.01
78) Terphenyl-d14	12.96	244	994076	87.44	ng	0.00
Target Compounds						
31) Naphthalene	8.15	128	47422	3.43	ng	99
49) Dimethylphthalate	9.60	163	284737	25.43	ng	99

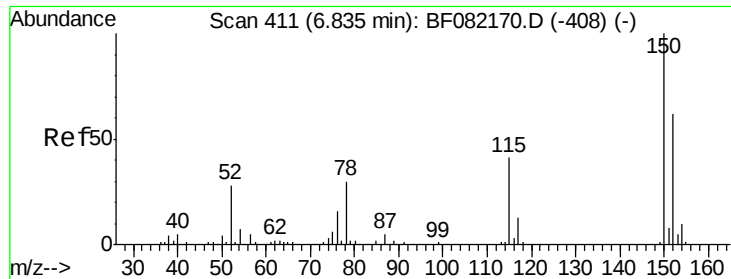
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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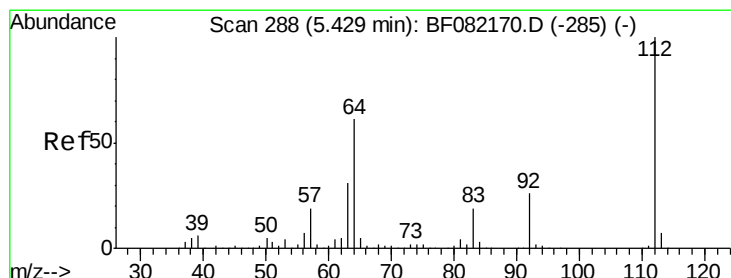
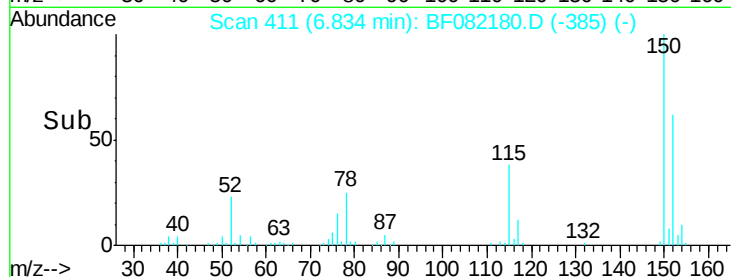
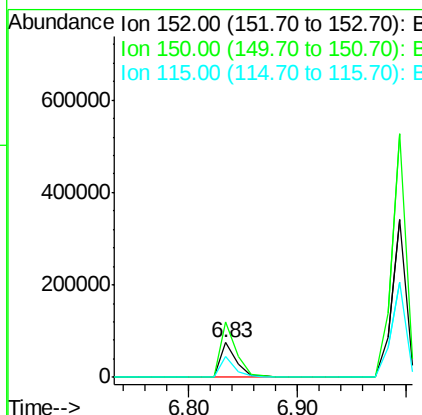
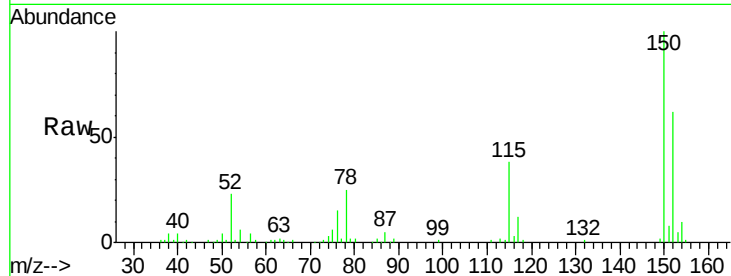


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF082180.D
Acq: 10 Oct 2015 17:07

Instrument :
BNA_F
ClientSampleId :
MGP222BR-35-37

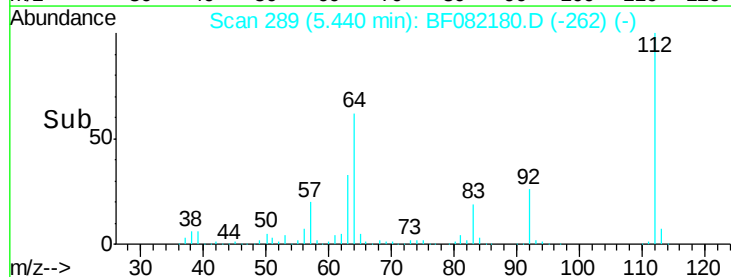
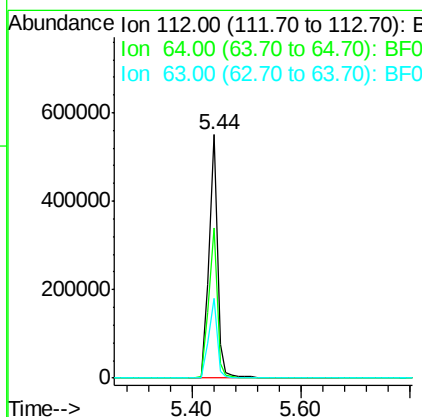
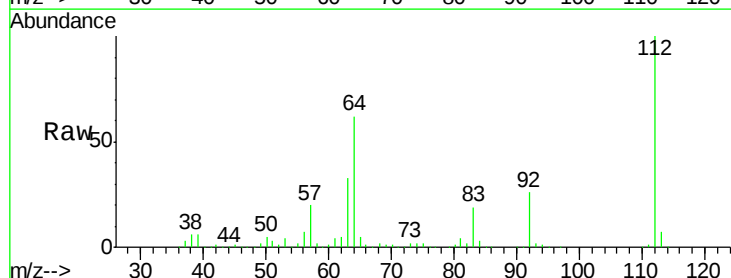
Tgt Ion:152 Resp: 80405
Ion Ratio Lower Upper
152 100
150 160.7 129.0 193.4
115 61.5 52.1 78.1

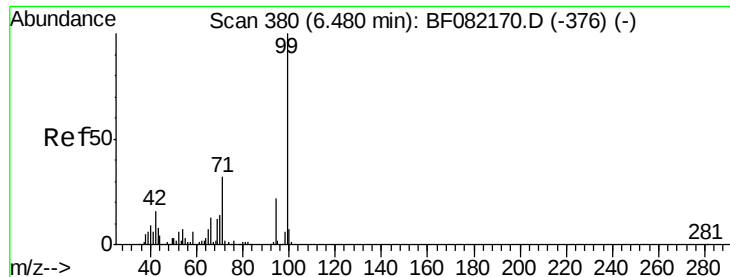


#5

2-Fluorophenol
Concen: 152.03 ng
RT: 5.44 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF082180.D
Acq: 10 Oct 2015 17:07

Tgt Ion:112 Resp: 605692
Ion Ratio Lower Upper
112 100
64 61.9 48.6 73.0
63 32.8 25.1 37.7





#7

Phenol-d6

Concen: 158.62 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF082180.D

Acq: 10 Oct 2015 17:07

Instrument :

BNA_F

ClientSampleId :

MGP222BR-35-37

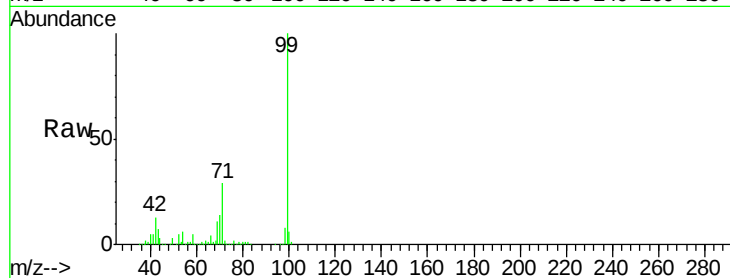
Tgt Ion: 99 Resp: 822368

Ion Ratio Lower Upper

99 100

42 13.3 13.2 19.8

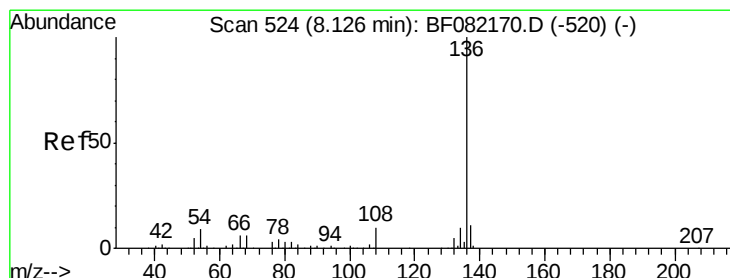
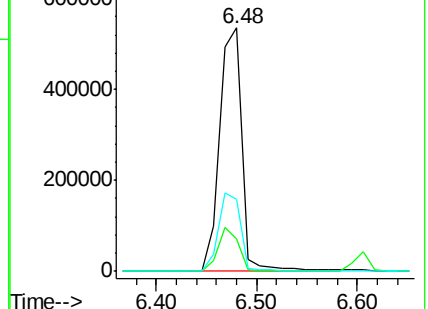
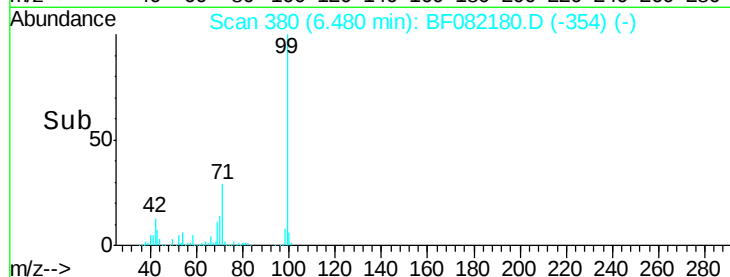
71 29.5 25.6 38.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF082180.D

Acq: 10 Oct 2015 17:07

Tgt Ion: 136 Resp: 318870

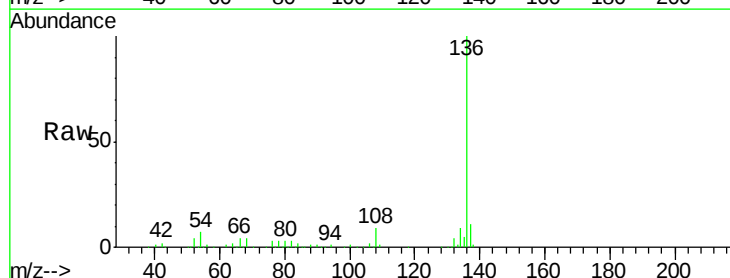
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 6.6 7.5 11.3#

68 4.5 4.6 7.0#

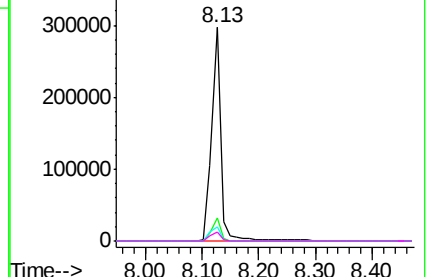
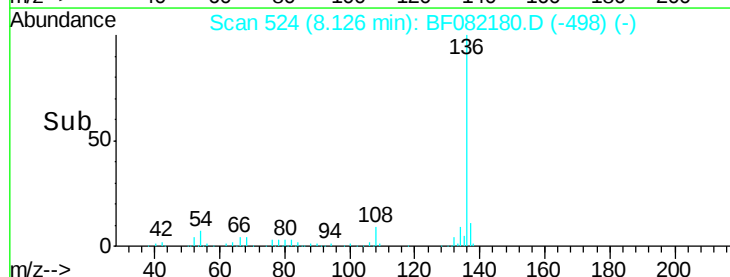


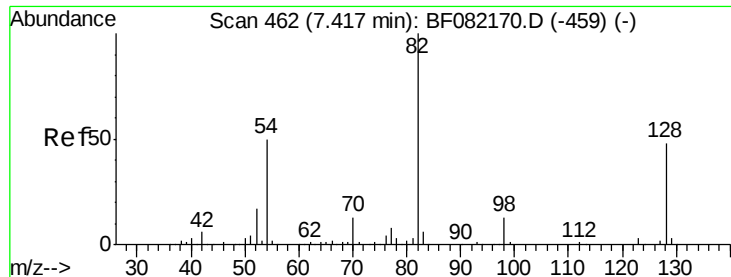
Abundance Ion 136.00 (135.70 to 136.70): E

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

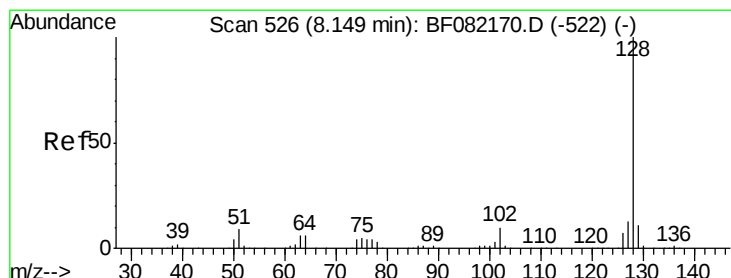
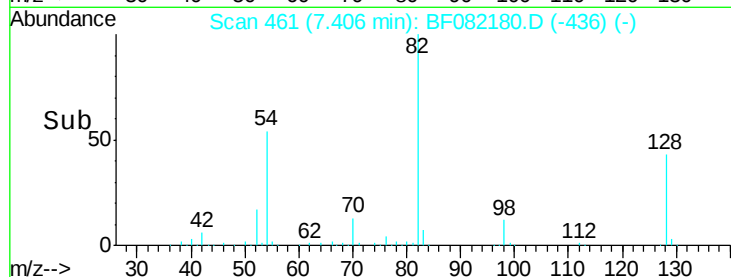
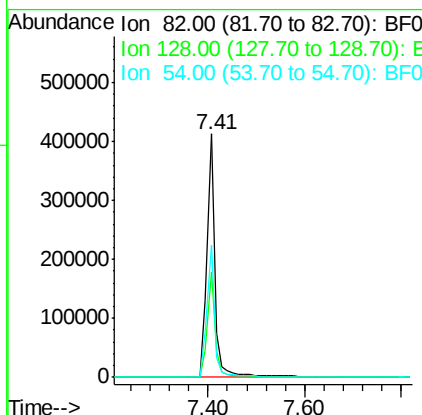
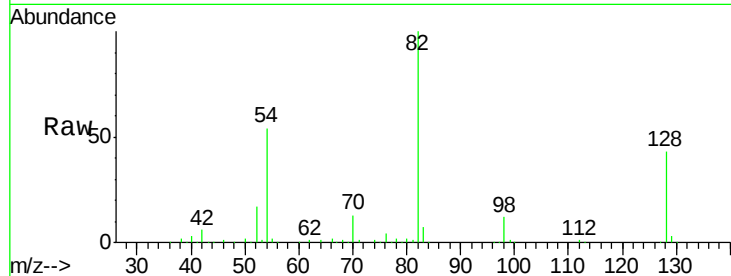




#23
 Nitrobenzene-d5
 Concen: 101.56 ng
 RT: 7.41 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF082180.D
 Acq: 10 Oct 2015 17:07

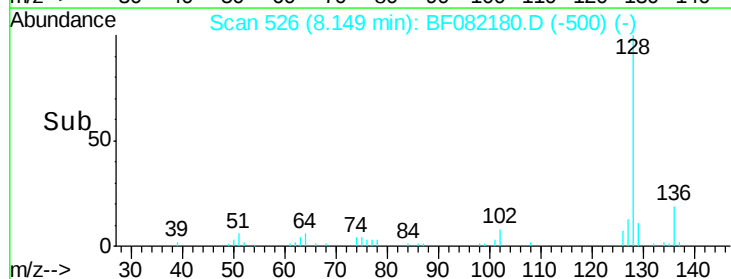
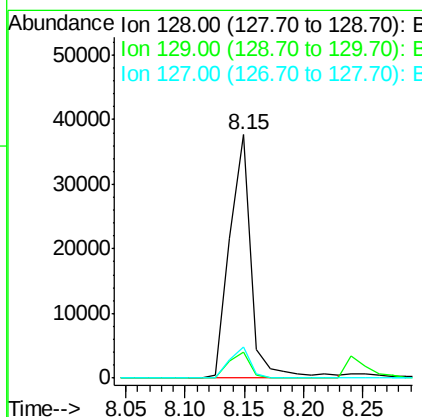
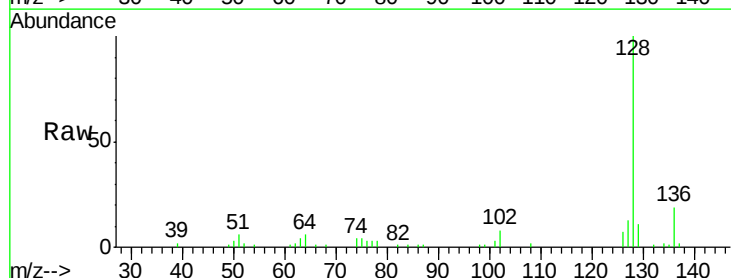
Instrument :
 BNA_F
 ClientSampleId :
 MGP222BR-35-37

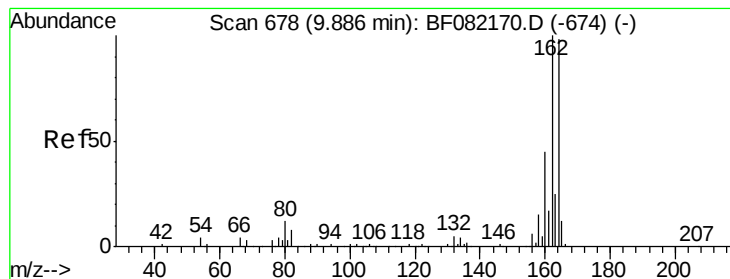
Tgt Ion: 82 Resp: 482253
 Ion Ratio Lower Upper
 82 100
 128 43.1 38.7 58.1
 54 54.4 40.1 60.1



#31
 Naphthalene
 Concen: 3.43 ng
 RT: 8.15 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: BF082180.D
 Acq: 10 Oct 2015 17:07

Tgt Ion: 128 Resp: 47422
 Ion Ratio Lower Upper
 128 100
 129 10.8 9.1 13.7
 127 13.0 10.7 16.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF082180.D

Acq: 10 Oct 2015 17:07

Instrument :

BNA_F

ClientSampleId :

MGP222BR-35-37

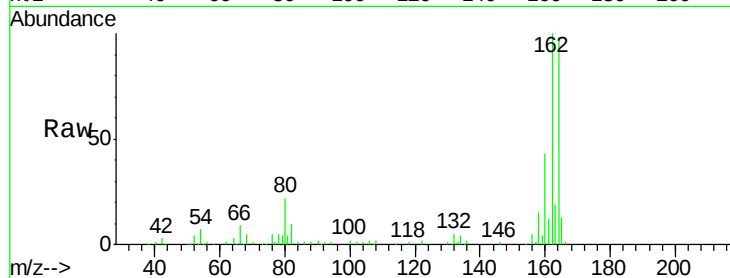
Tgt Ion:164 Resp: 159029

Ion Ratio Lower Upper

164 100

162 102.0 81.6 122.4

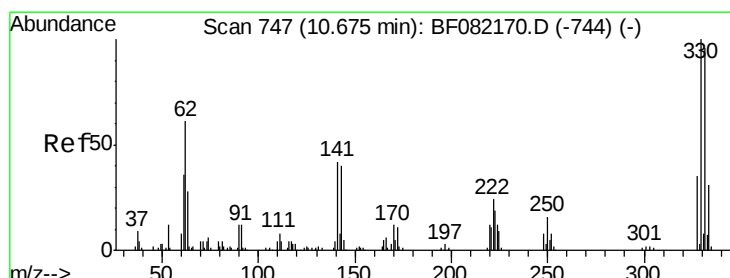
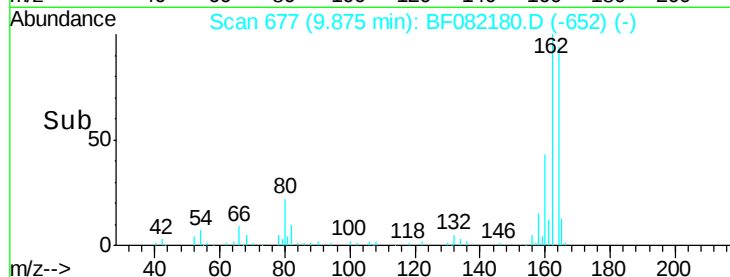
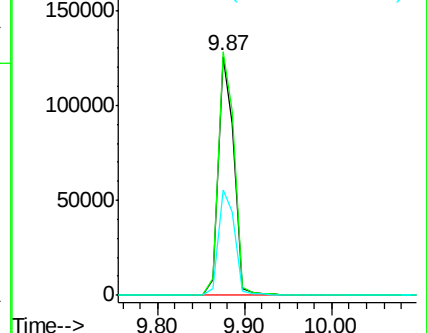
160 44.2 36.4 54.6



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: 162.29 ng

RT: 10.67 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF082180.D

Acq: 10 Oct 2015 17:07

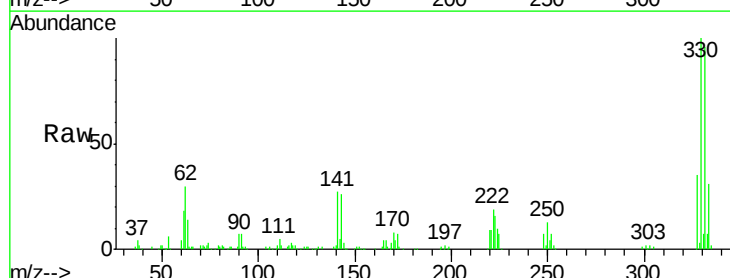
Tgt Ion:330 Resp: 242041

Ion Ratio Lower Upper

330 100

332 95.7 77.1 115.7

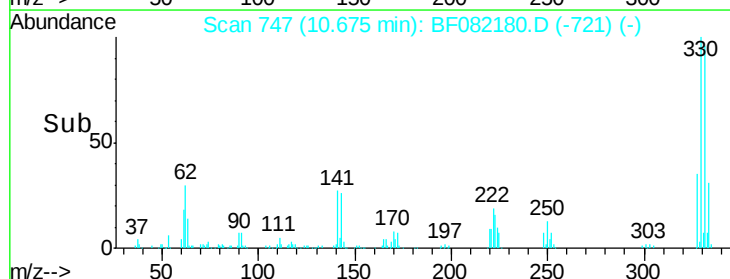
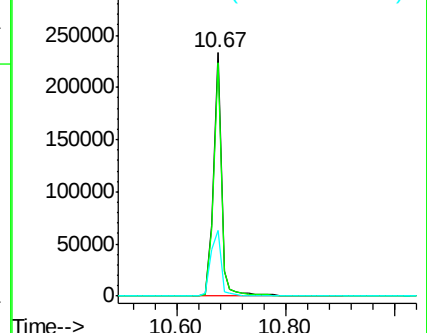
141 35.0 29.8 44.8

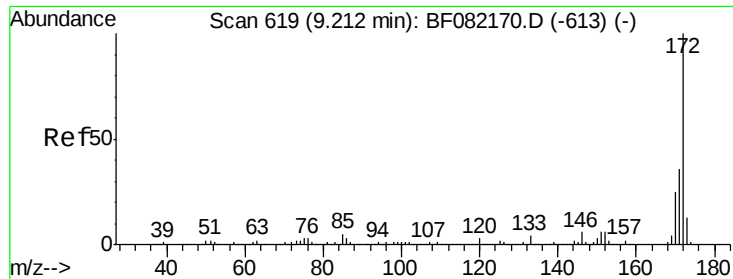


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

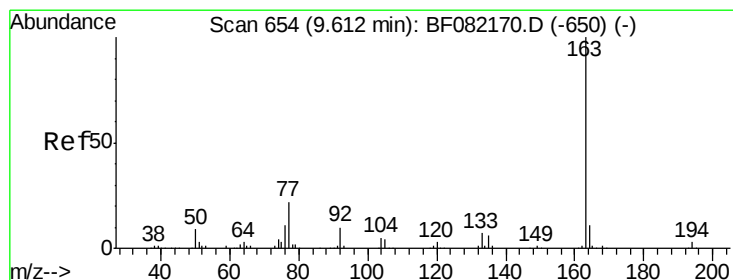
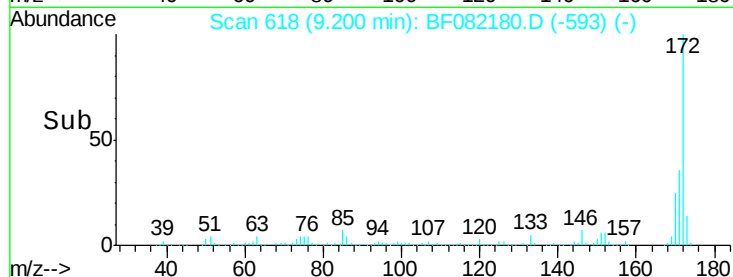
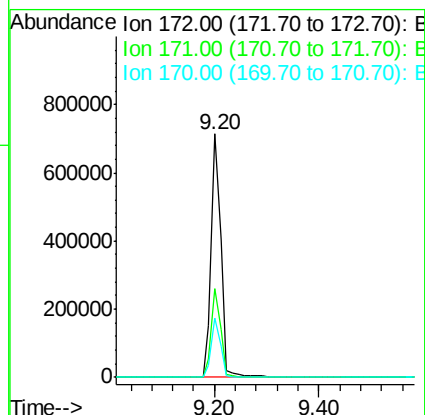
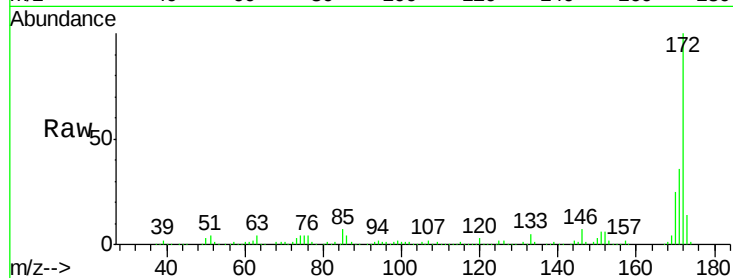




#44
 2-Fluorobiphenyl
 Concen: 96.64 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082180.D
 Acq: 10 Oct 2015 17:07

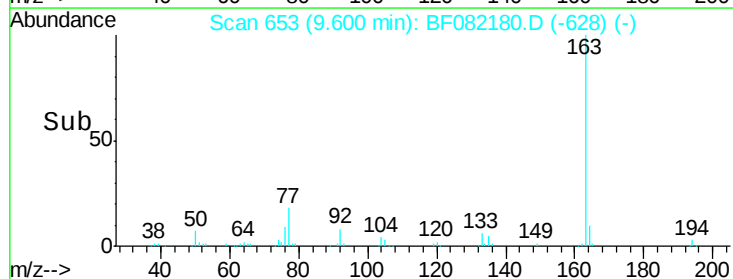
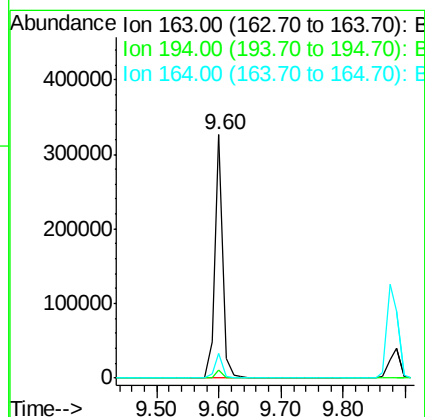
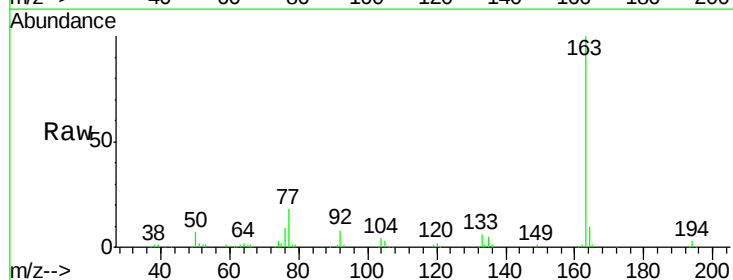
Instrument :
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 MGP222BR-35-37

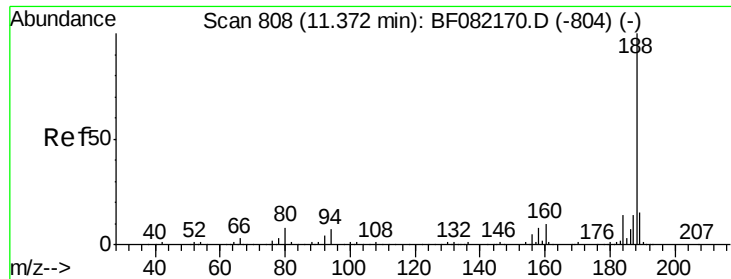
Tgt Ion:172 Resp: 926759
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 42.8
 170 24.5 19.7 29.5



#49
 Dimethylphthalate
 Concen: 25.43 ng
 RT: 9.60 min Scan# 653
 Delta R.T. -0.01 min
 Lab File: BF082180.D
 Acq: 10 Oct 2015 17:07

Tgt Ion:163 Resp: 284737
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 10.3 8.5 12.7

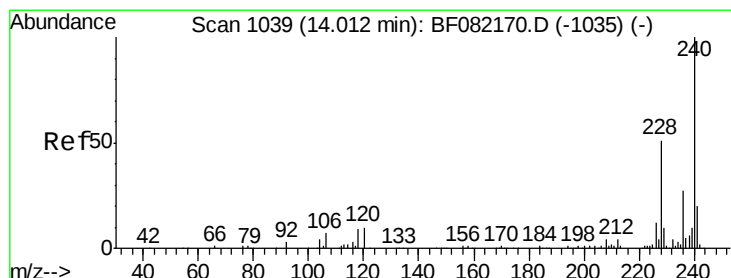
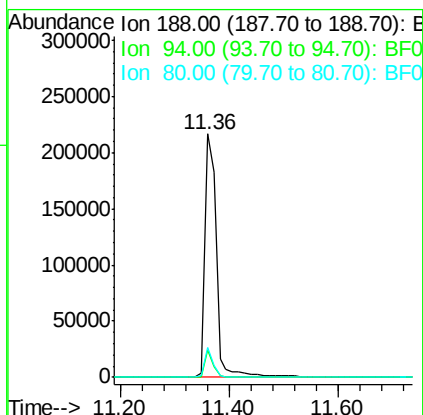
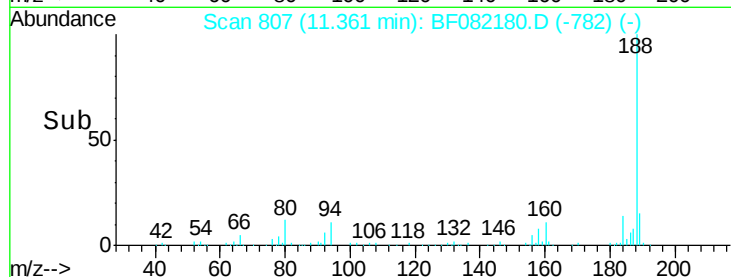
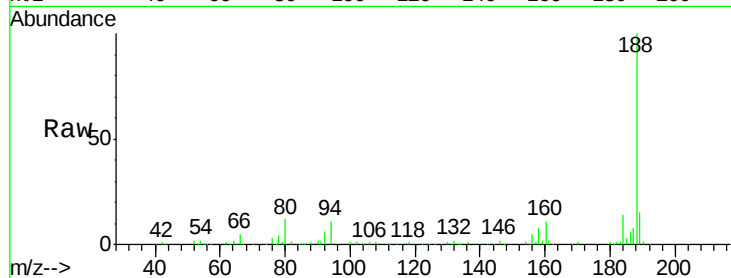




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF082180.D
Acq: 10 Oct 2015 17:07

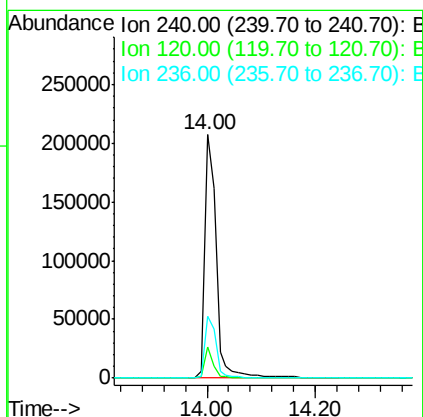
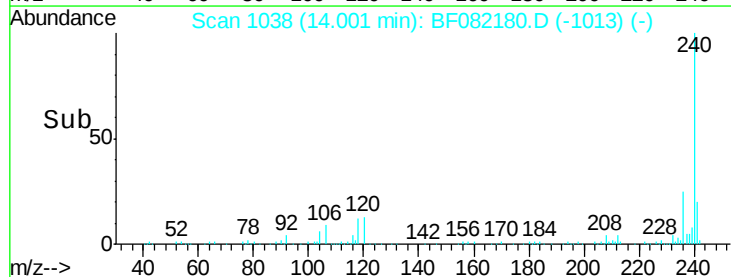
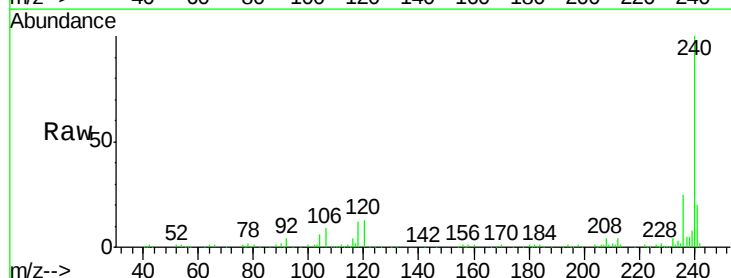
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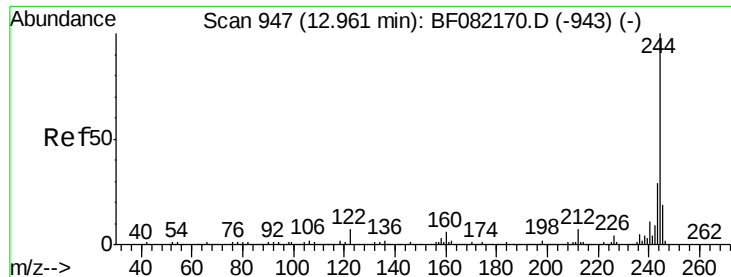
Tgt Ion:188 Resp: 314468
Ion Ratio Lower Upper
188 100
94 11.2 5.8 8.6#
80 12.2 6.4 9.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF082180.D
Acq: 10 Oct 2015 17:07

Tgt Ion:240 Resp: 301266
Ion Ratio Lower Upper
240 100
120 12.9 8.1 12.1#
236 25.4 21.3 31.9

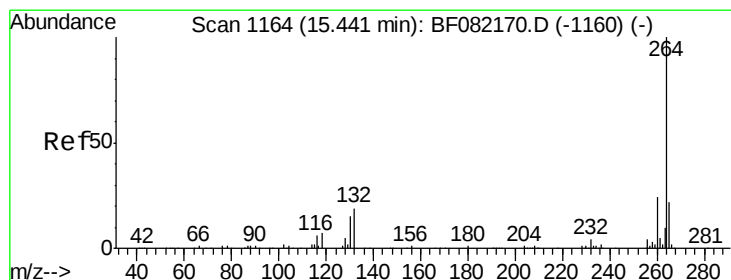
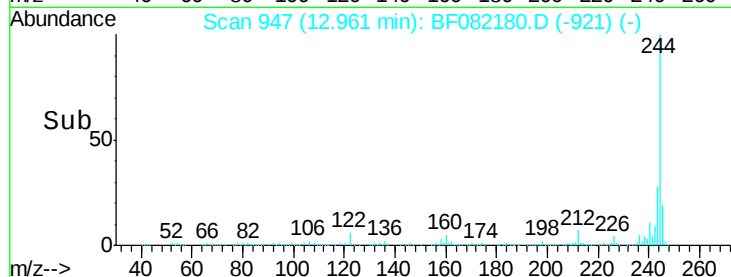
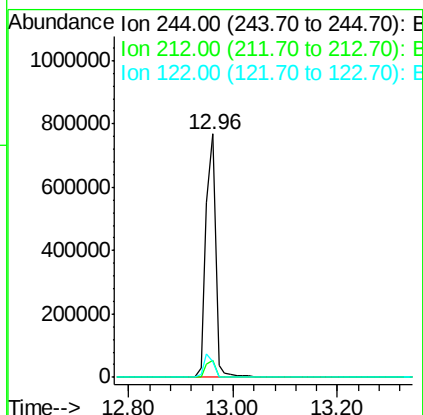
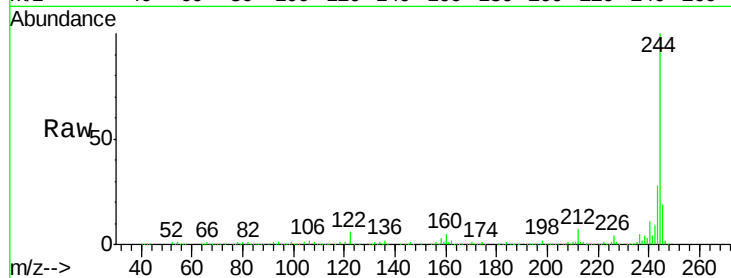




#78
 Terphenyl-d14
 Concen: 87.44 ng
 RT: 12.96 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF082180.D
 Acq: 10 Oct 2015 17:07

Instrument :
 BNA_F
 ClientSampleId :
 MGP222BR-35-37

Tgt Ion: 244 Resp: 994076
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 6.4 5.9 8.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF082180.D
 Acq: 10 Oct 2015 17:07

Tgt Ion: 264 Resp: 254343
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 21.2 17.3 25.9

