

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075594.D
 Acq On : 16 Nov 2014 22:05
 Operator : TP / JJ
 Sample : F4742-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-021-111214

Quant Time: Nov 17 06:06:58 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 17 05:54:27 2014
 Response via : Initial Calibration

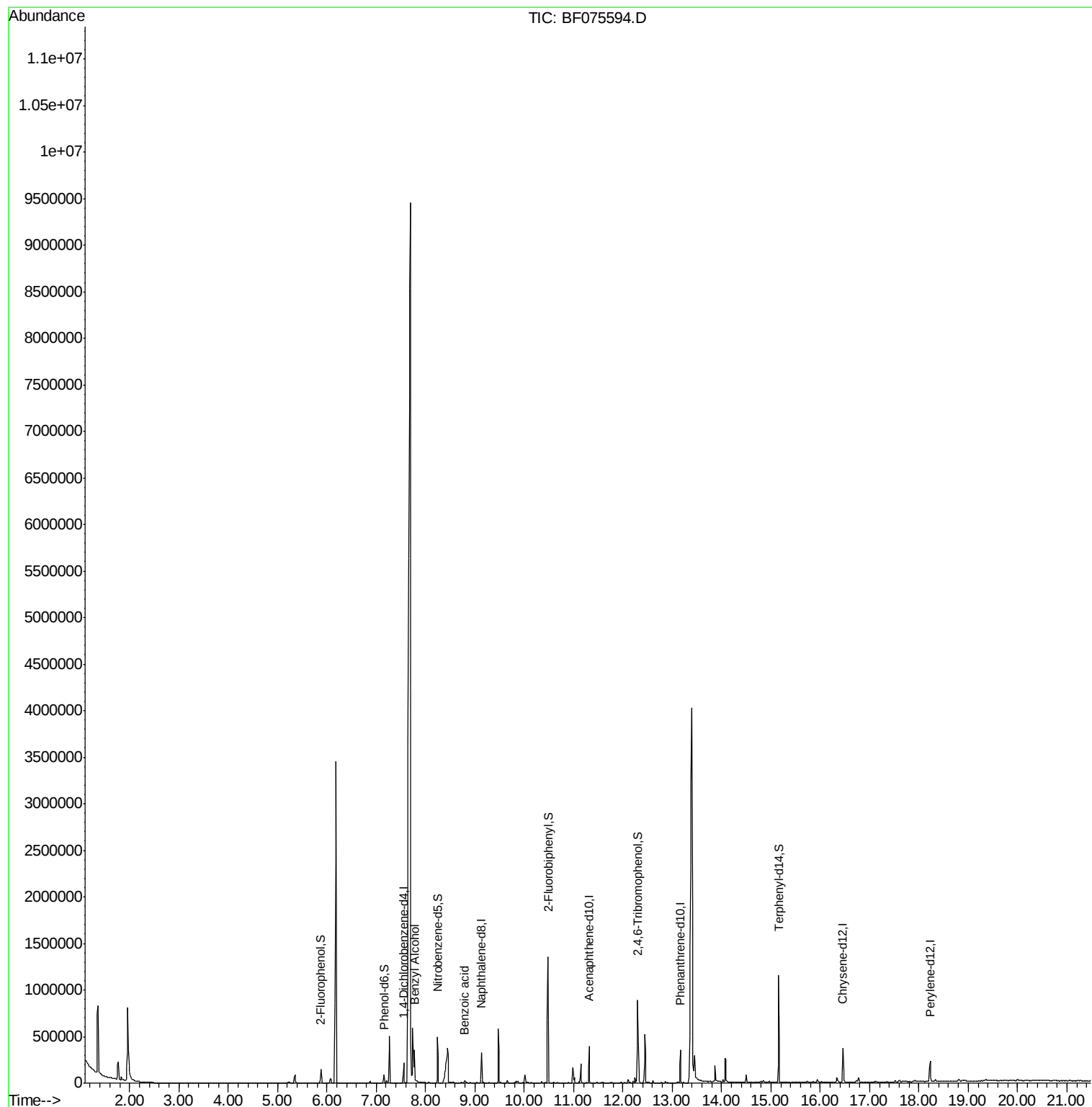
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	35619	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	141139	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	93997	20.00	ng	0.00
63) Phenanthrene-d10	13.17	188	157531	20.00	ng	0.00
75) Chrysene-d12	16.46	240	138504	20.00	ng	-0.01
86) Perylene-d12	18.23	264	121165	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.88	112	69699	34.57	ng	0.02
7) Phenol-d6	7.16	99	49120	20.26	ng	0.05
23) Nitrobenzene-d5	8.24	82	181582	94.32	ng	0.00
41) 2,4,6-Tribromophenol	12.30	330	109388	138.94	ng	0.00
44) 2-Fluorobiphenyl	10.48	172	515284	99.06	ng	0.00
78) Terphenyl-d14	15.16	244	411387	79.96	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.77	79	65761	34.55	ng	96
32) Benzoic acid	8.79	122	8036	6.75	ng	88

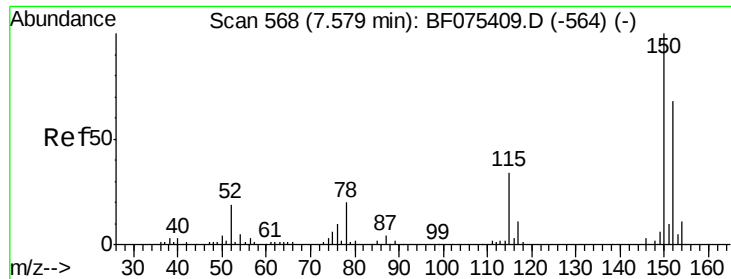
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 17 05:54:27 2014
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF075594.D

Acq: 16 Nov 2014 22:05

Instrument :

BNA_F

ClientSampleId :

DCW-WW-021-111214

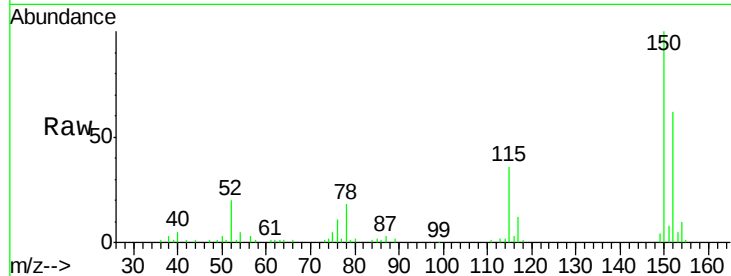
Tgt Ion:152 Resp: 35619

Ion Ratio Lower Upper

152 100

150 161.0 127.2 190.8

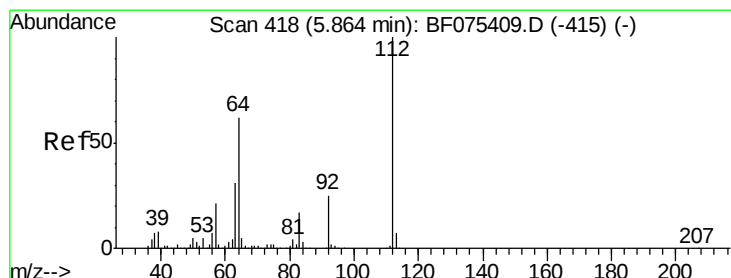
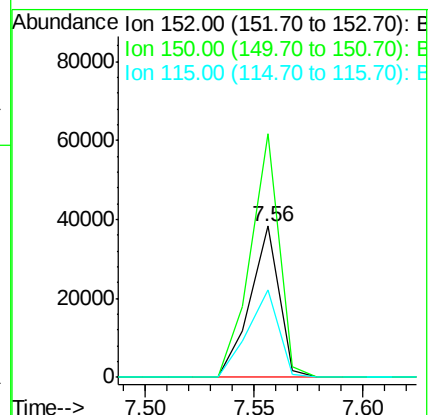
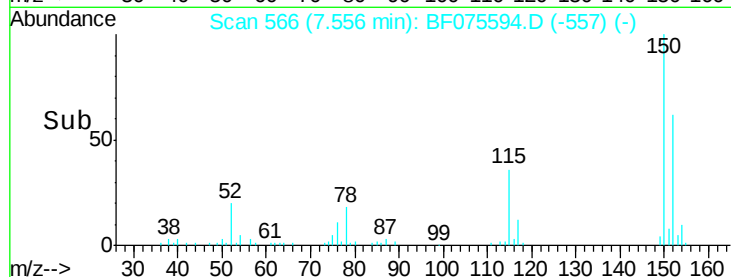
115 58.1 57.1 85.7



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: 34.57 ng

RT: 5.88 min Scan# 419

Delta R.T. 0.02 min

Lab File: BF075594.D

Acq: 16 Nov 2014 22:05

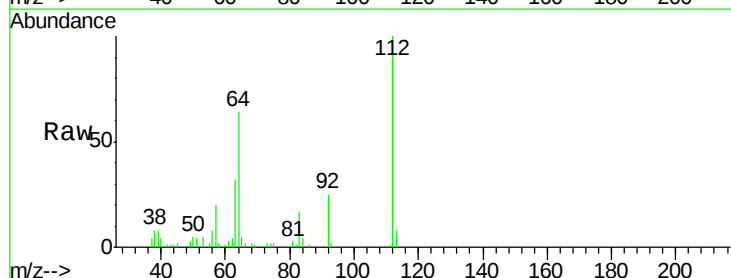
Tgt Ion:112 Resp: 69699

Ion Ratio Lower Upper

112 100

64 64.0 45.8 68.6

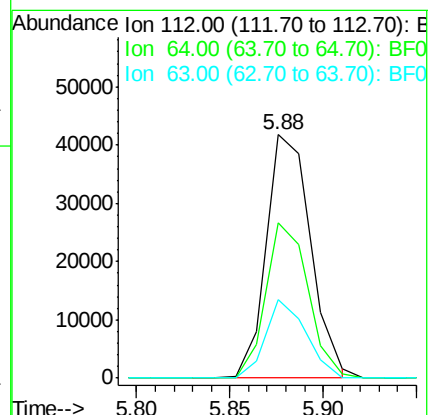
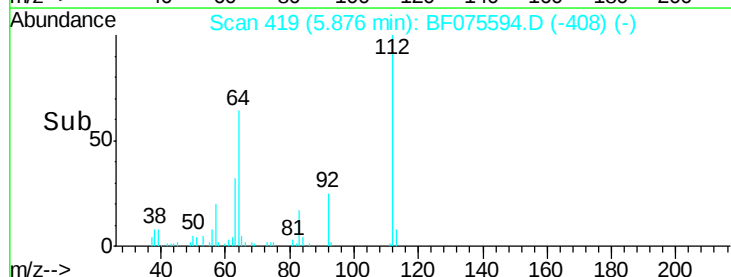
63 32.2 22.7 34.1

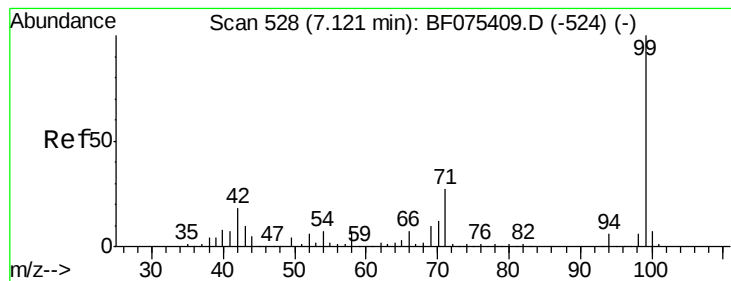


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 20.26 ng

RT: 7.16 min Scan# 531

Delta R.T. 0.05 min

Lab File: BF075594.D

Acq: 16 Nov 2014 22:05

Instrument :

BNA_F

ClientSampleId :

DCW-WW-021-111214

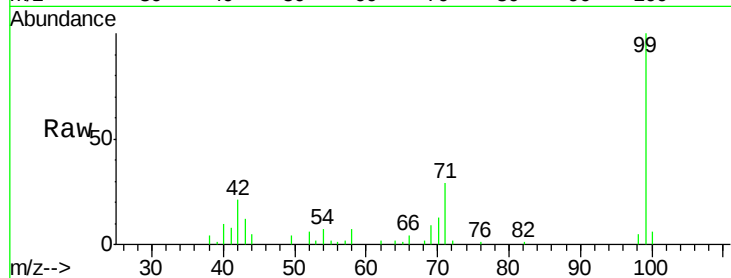
Tgt Ion: 99 Resp: 49120

Ion Ratio Lower Upper

99 100

42 21.3 19.8 29.6

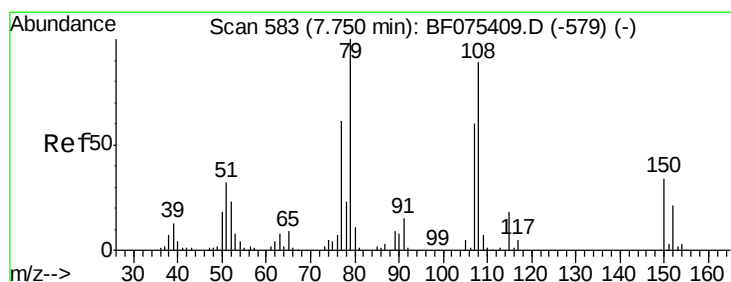
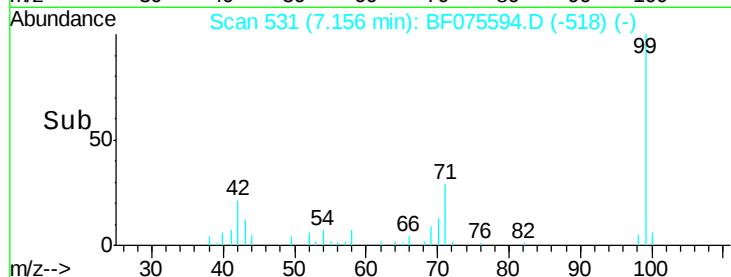
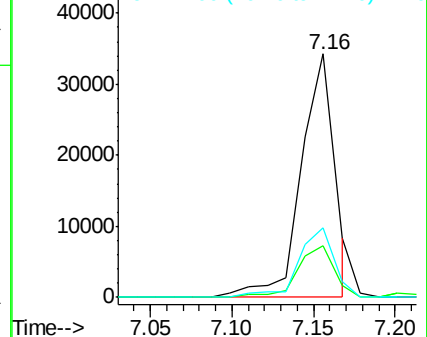
71 28.7 25.5 38.3



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



#15

Benzyl Alcohol

Concen: 34.55 ng

RT: 7.77 min Scan# 585

Delta R.T. 0.05 min

Lab File: BF075594.D

Acq: 16 Nov 2014 22:05

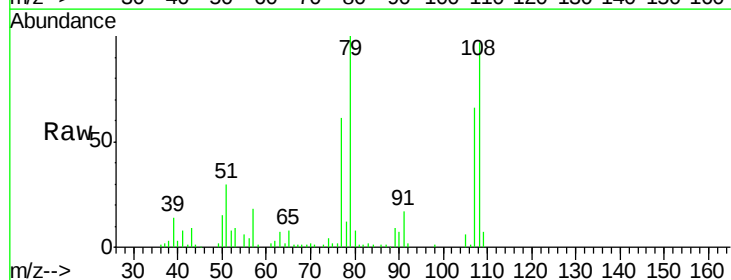
Tgt Ion: 79 Resp: 65761

Ion Ratio Lower Upper

79 100

108 97.2 75.5 113.3

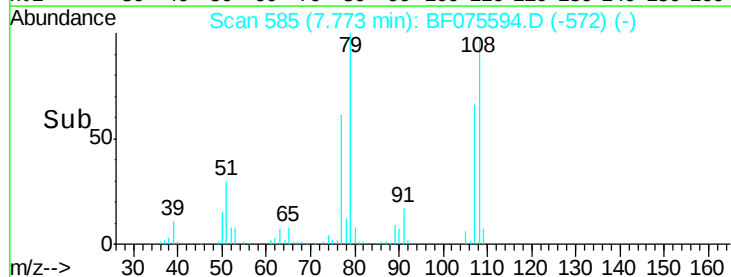
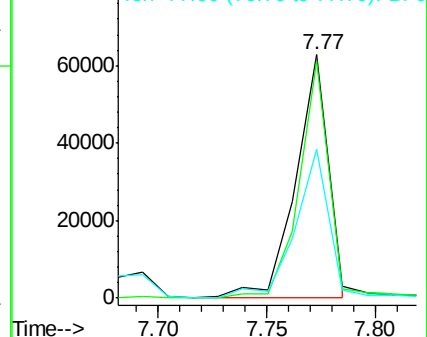
77 61.4 52.1 78.1

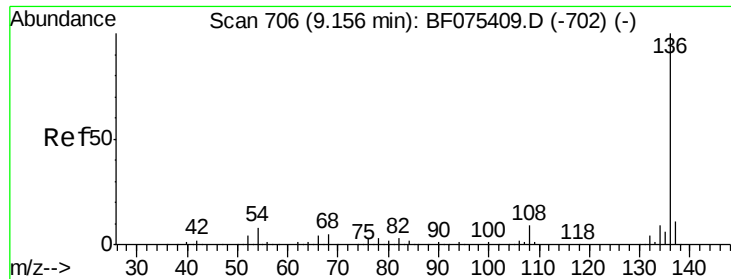


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

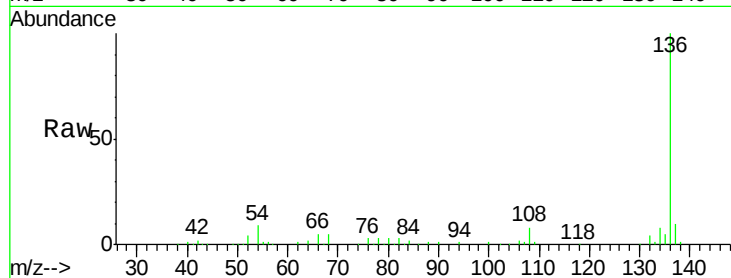




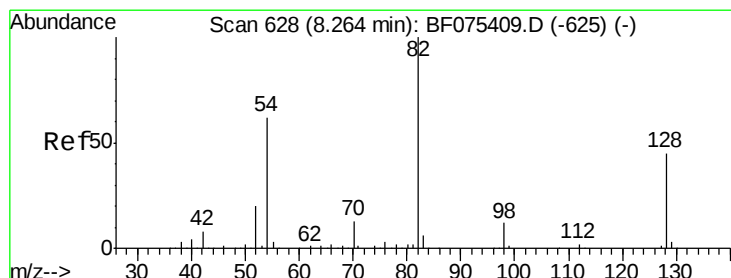
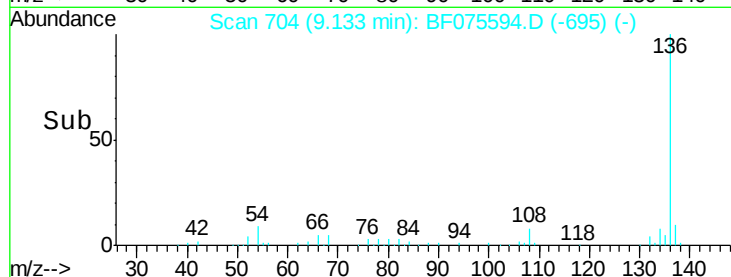
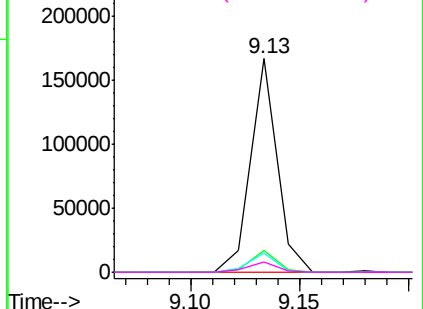
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF075594.D
Acq: 16 Nov 2014 22:05

Instrument :
BNA_F
ClientSampleId :
DCW-WW-021-111214

Tgt Ion:	136	Resp:	141139
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.4
54	9.0	6.2	9.4
68	5.1	3.4	5.2

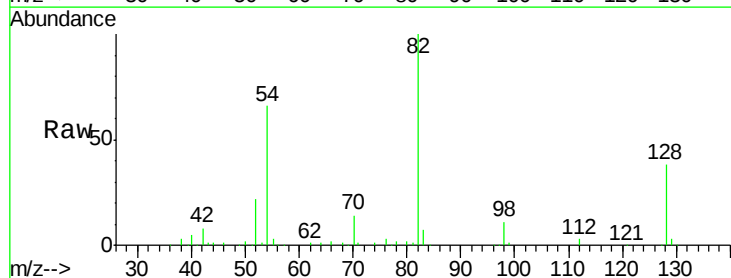


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

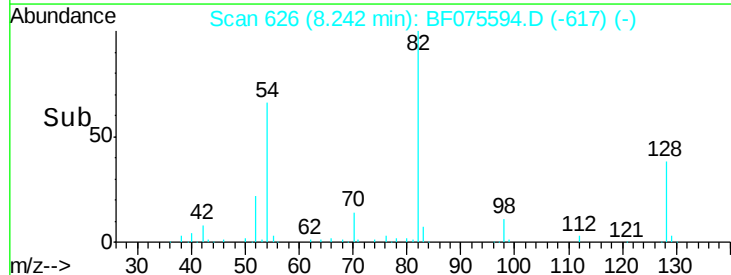
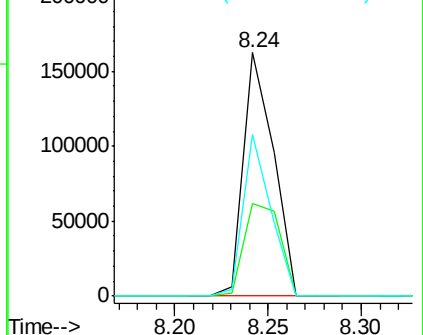


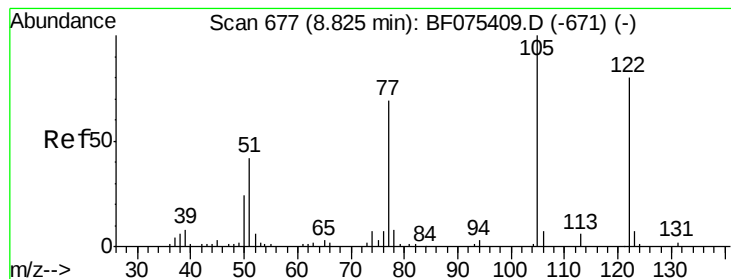
#23
Nitrobenzene-d5
Concen: 94.32 ng
RT: 8.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF075594.D
Acq: 16 Nov 2014 22:05

Tgt Ion:	82	Resp:	181582
Ion	Ratio	Lower	Upper
82	100		
128	38.2	37.8	56.6
54	66.2	49.8	74.8



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





#32

Benzoic acid

Concen: 6.75 ng

RT: 8.79 min Scan# 674

Delta R.T. -0.03 min

Lab File: BF075594.D

Acq: 16 Nov 2014 22:05

Instrument :

BNA_F

ClientSampleId :

DCW-WW-021-111214

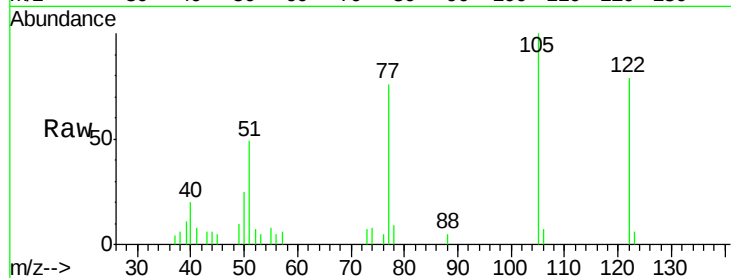
Tgt Ion:122 Resp: 8036

Ion Ratio Lower Upper

122 100

105 126.6 95.1 135.1

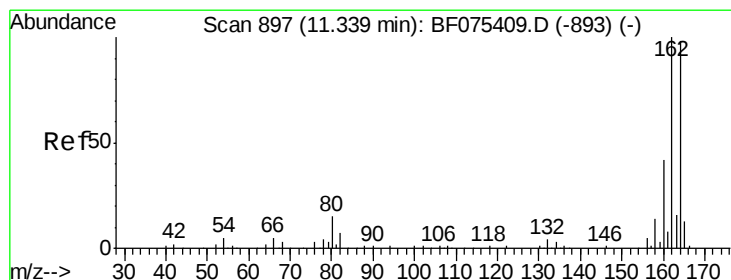
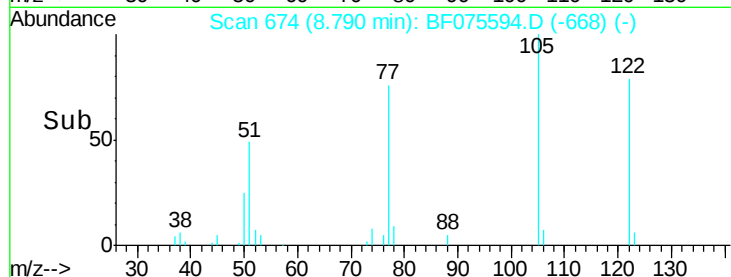
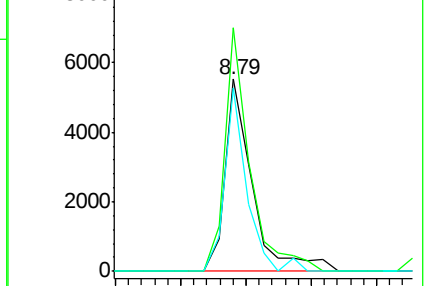
77 95.7 62.6 102.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 895

Delta R.T. 0.00 min

Lab File: BF075594.D

Acq: 16 Nov 2014 22:05

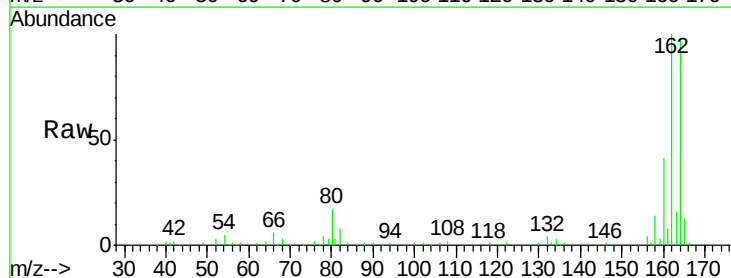
Tgt Ion:164 Resp: 93997

Ion Ratio Lower Upper

164 100

162 102.8 79.1 118.7

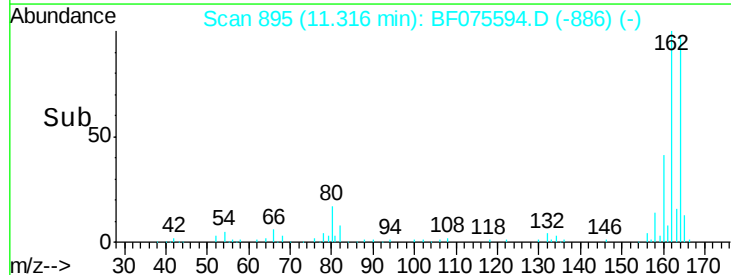
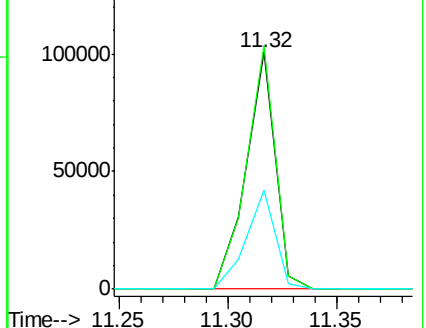
160 41.8 34.6 51.8

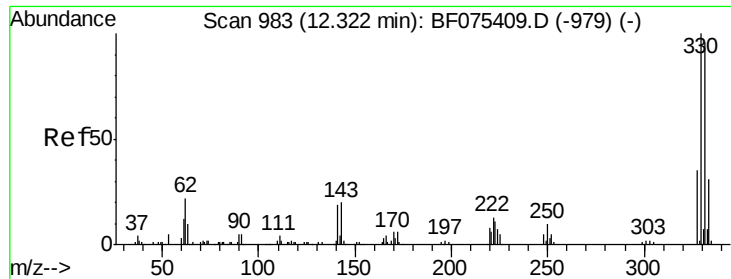


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

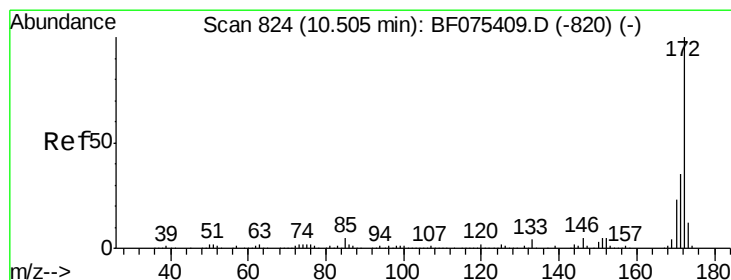
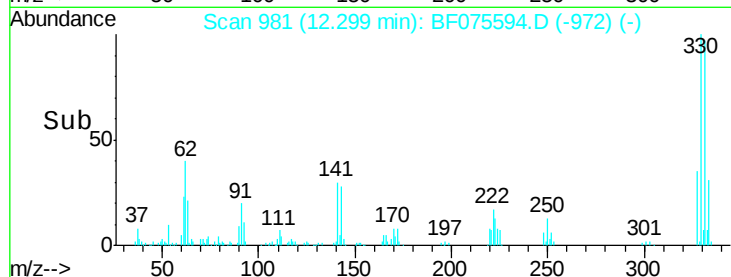
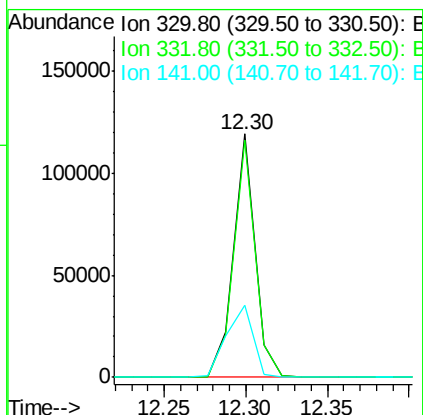
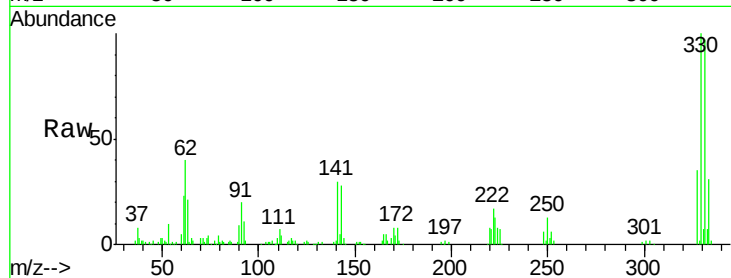




#41
 2,4,6-Tribromophenol
 Concen: 138.94 ng
 RT: 12.30 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF075594.D
 Acq: 16 Nov 2014 22:05

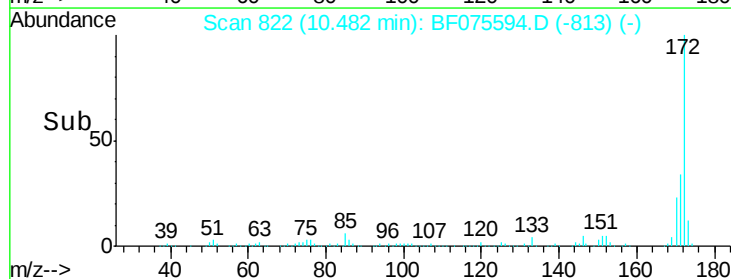
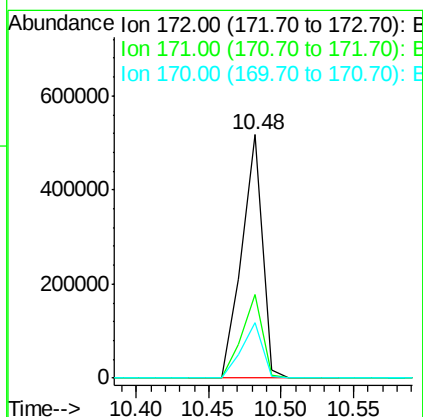
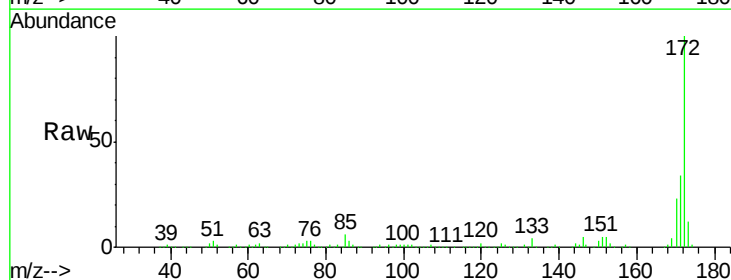
Instrument :
 BNA_F
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 DCW-WW-021-111214

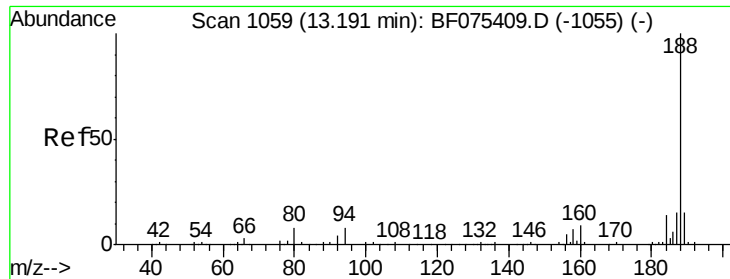
Tgt Ion:330 Resp: 109388
 Ion Ratio Lower Upper
 330 100
 332 96.6 74.5 111.7
 141 36.3 30.7 46.1



#44
 2-Fluorobiphenyl
 Concen: 99.06 ng
 RT: 10.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF075594.D
 Acq: 16 Nov 2014 22:05

Tgt Ion:172 Resp: 515284
 Ion Ratio Lower Upper
 172 100
 171 34.2 27.3 40.9
 170 22.8 18.4 27.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 13.17 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF075594.D

Acq: 16 Nov 2014 22:05

Instrument :

BNA_F

ClientSampleId :

DCW-WW-021-111214

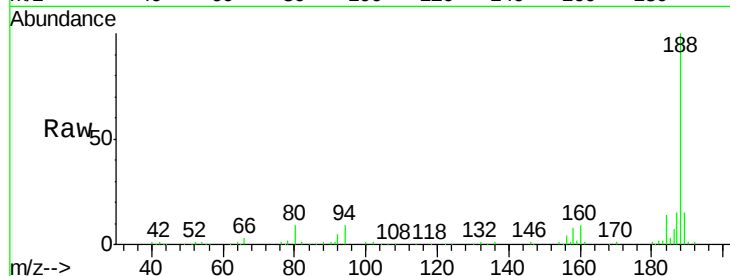
Tgt Ion:188 Resp: 157531

Ion Ratio Lower Upper

188 100

94 8.7 7.8 11.6

80 9.2 8.0 12.0

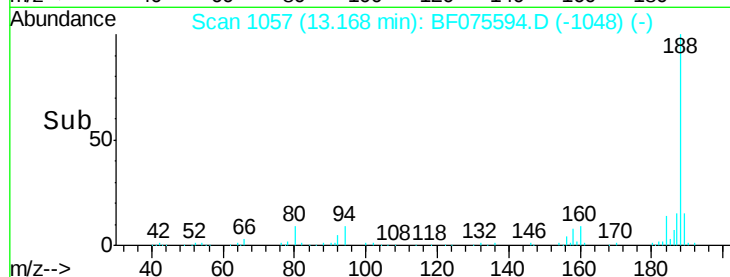


Abundance Ion 188.00 (187.70 to 188.70): E

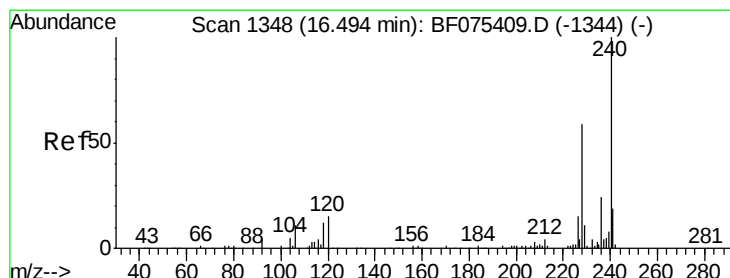
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

13.17



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.46 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF075594.D

Acq: 16 Nov 2014 22:05

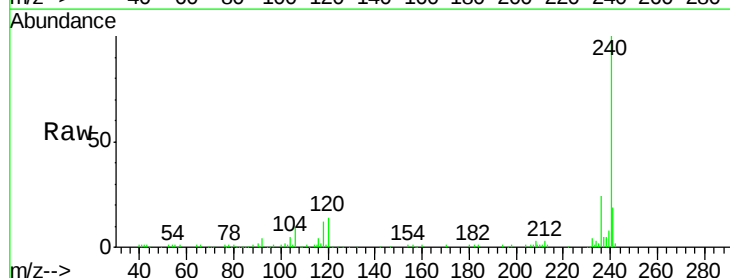
Tgt Ion:240 Resp: 138504

Ion Ratio Lower Upper

240 100

120 14.3 9.6 14.4

236 23.8 18.9 28.3

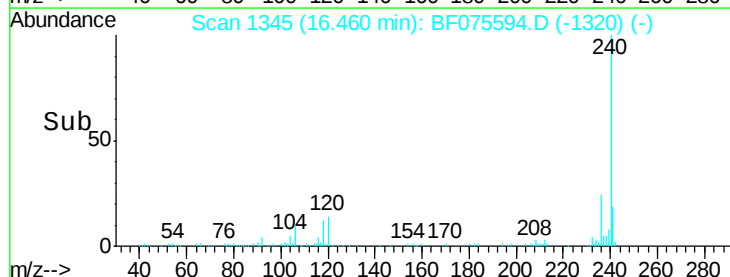


Abundance Ion 240.00 (239.70 to 240.70): E

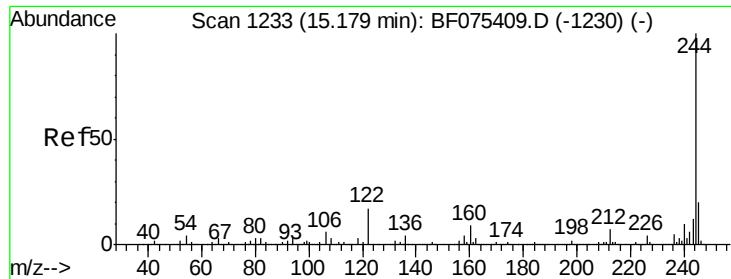
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

16.46



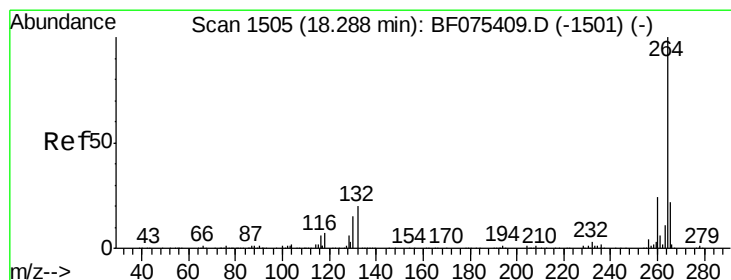
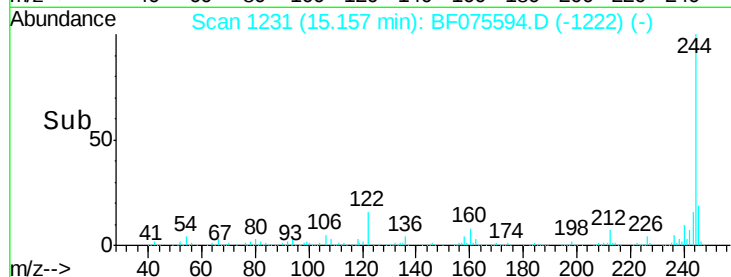
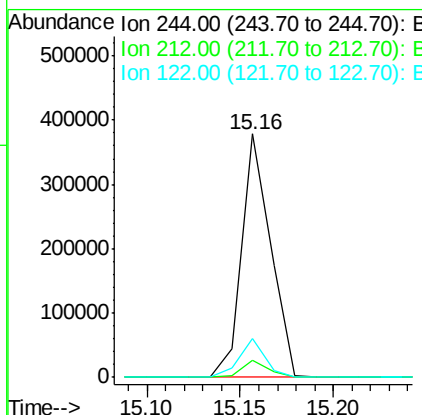
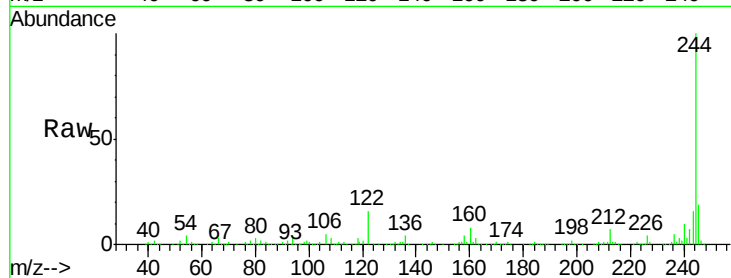
Time-->



#78
 Terphenyl-d14
 Concen: 79.96 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF075594.D
 Acq: 16 Nov 2014 22:05

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-021-111214

Tgt Ion:244 Resp: 411387
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 15.8 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.23 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF075594.D
 Acq: 16 Nov 2014 22:05

Tgt Ion:264 Resp: 121165
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.9 26.9
 265 20.6 16.3 24.5

