

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123114\
 Data File : BF076718.D
 Acq On : 1 Jan 2015 00:06
 Operator : IZ / TP
 Sample : F5248-01
 Misc : W
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Jan 01 07:14:02 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 01 03:27:58 2015
 Response via : Initial Calibration

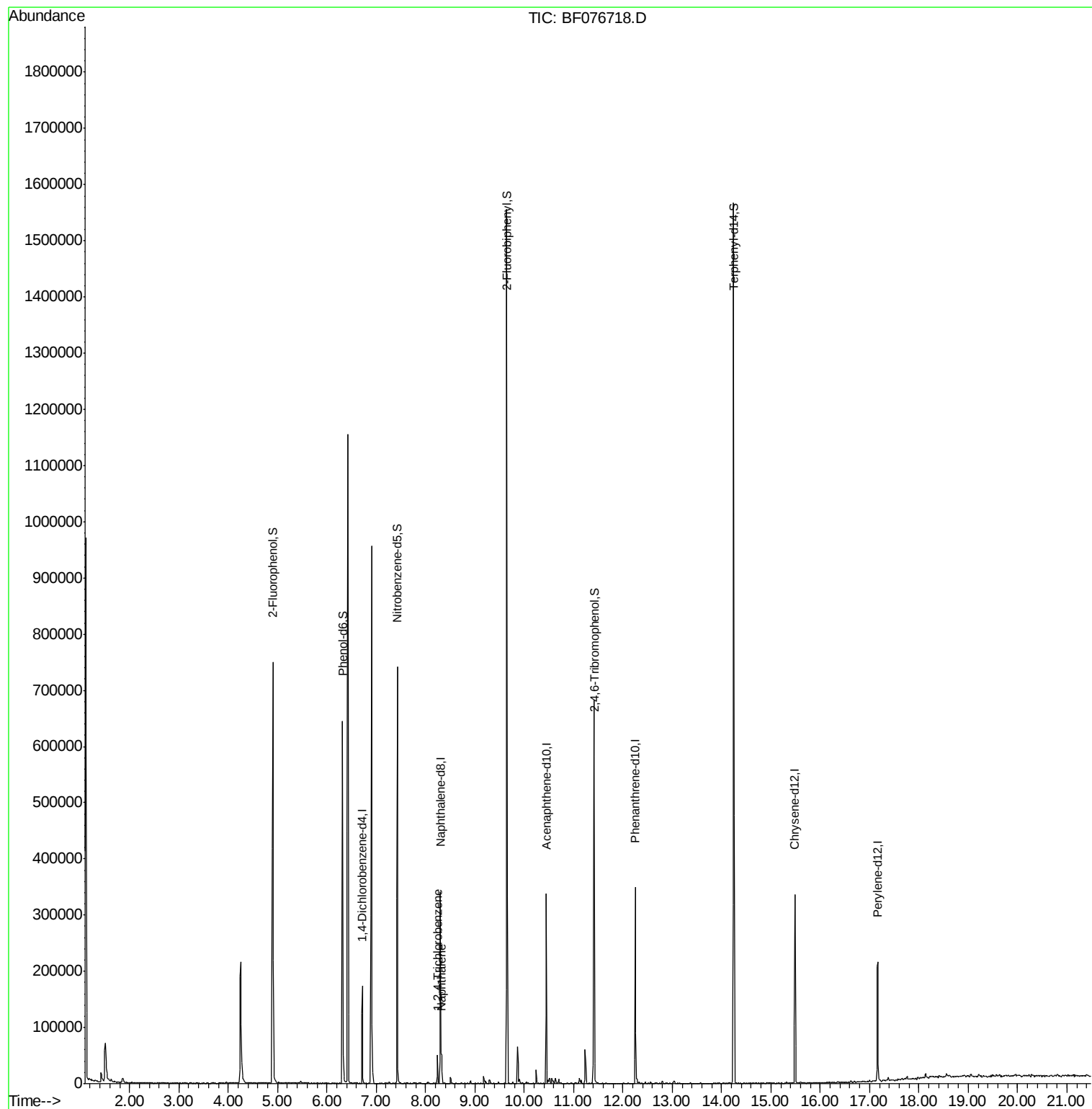
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	34610	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	149619	20.00	ng	0.00
38) Acenaphthene-d10	10.45	164	82236	20.00	ng	0.00
63) Phenanthrene-d10	12.25	188	134672	20.00	ng	0.00
75) Chrysene-d12	15.49	240	133938	20.00	ng	0.00
86) Perylene-d12	17.17	264	120867	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	270936	132.71	ng	0.00
7) Phenol-d6	6.32	99	306162	122.79	ng	0.01
23) Nitrobenzene-d5	7.43	82	255528m	101.57	ng	-0.10
41) 2,4,6-Tribromophenol	11.42	330	106341	153.00	ng	0.00
44) 2-Fluorobiphenyl	9.65	172	477787	90.41	ng	0.00
78) Terphenyl-d14	14.24	244	528220	86.99	ng	0.00
Target Compounds						
30) 1,2,4-Trichlorobenzene	8.24	180	10325	4.73	ng	95
31) Naphthalene	8.32	128	24235	3.27	ng	100

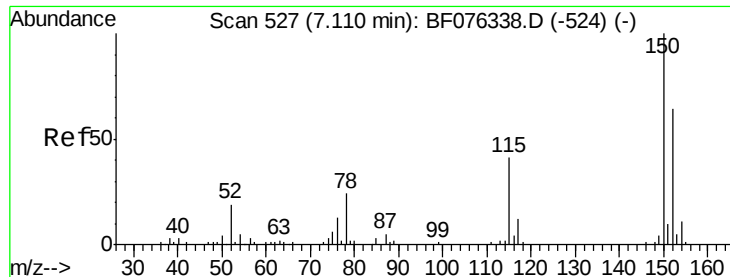
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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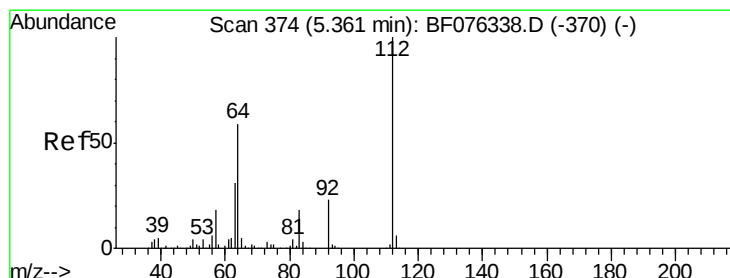
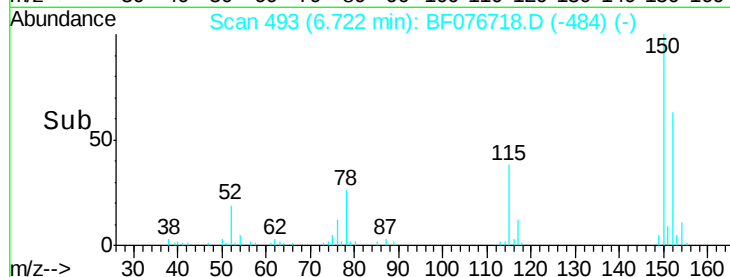
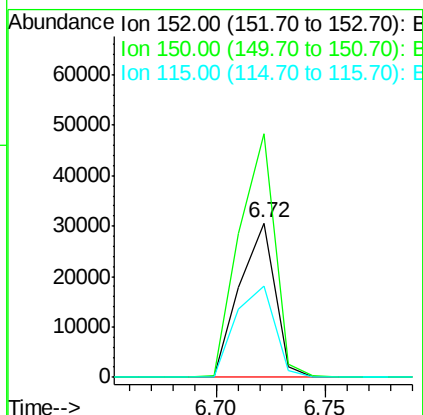
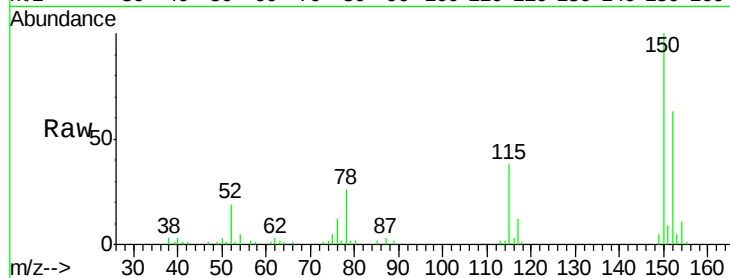


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF076718.D
Acq: 1 Jan 2015 00:06

Instrument :
BNA_F
ClientSampleId :
WC-1

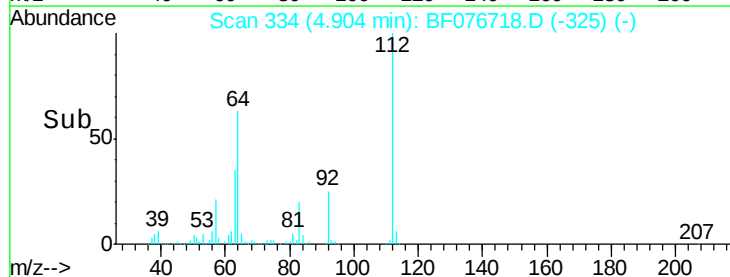
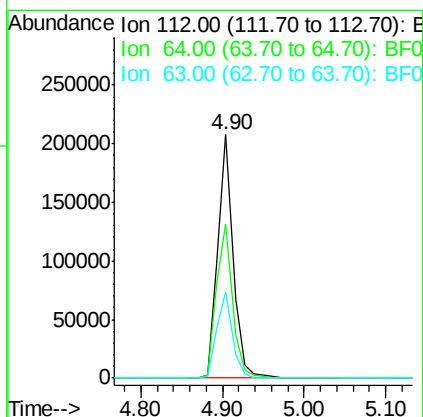
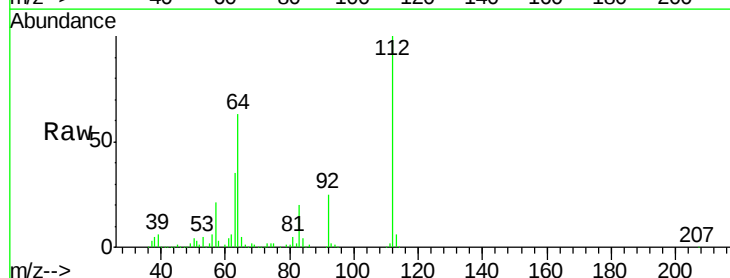
Tot Ion:152 Resp: 34610
Ion Ratio Lower Upper
152 100
150 158.0 125.2 187.8
115 59.3 51.4 77.0

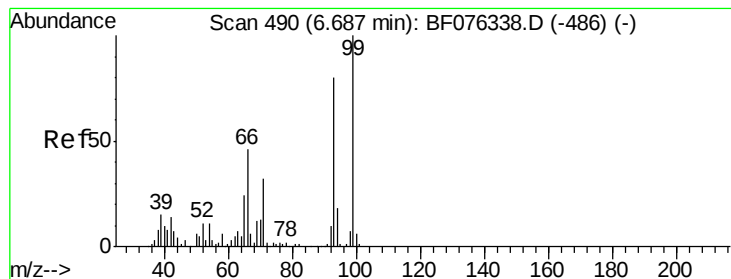


#5

2-Fluorophenol
Concen: 132.71 ng
RT: 4.90 min Scan# 334
Delta R.T. 0.00 min
Lab File: BF076718.D
Acq: 1 Jan 2015 00:06

Tgt Ion:112 Resp: 270936
Ion Ratio Lower Upper
112 100
64 63.2 47.4 71.0
63 35.2 25.0 37.4





#7

Phenol-d6

Concen: 122.79 ng

RT: 6.32 min Scan# 458

Delta R.T. 0.01 min

Lab File: BF076718.D

Acq: 1 Jan 2015 00:06

Instrument :

BNA_F

ClientSampleId :

WC-1

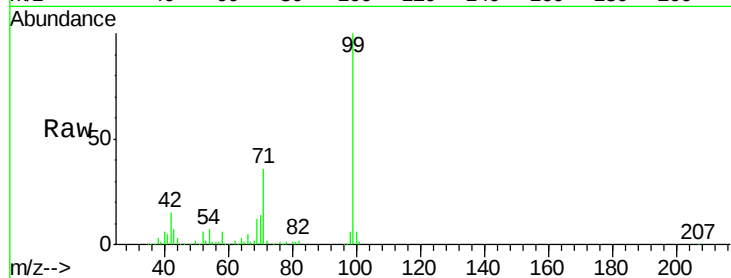
Tot Ion: 99 Resp: 306162

Ion Ratio Lower Upper

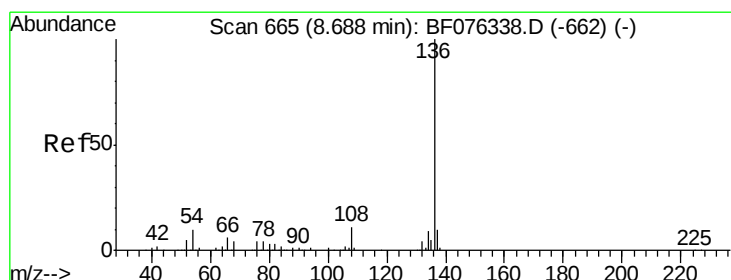
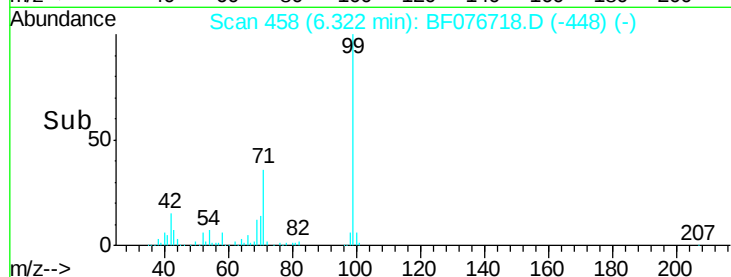
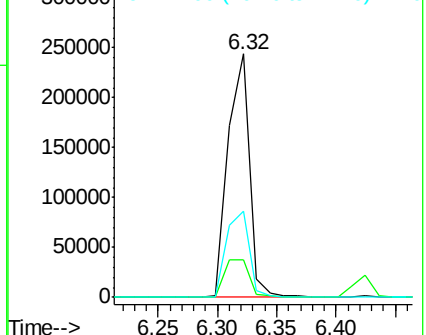
99 100

42 15.2 11.6 17.4

71 35.5 25.9 38.9



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: 8.30 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF076718.D

Acq: 1 Jan 2015 00:06

Tgt Ion: 136 Resp: 149619

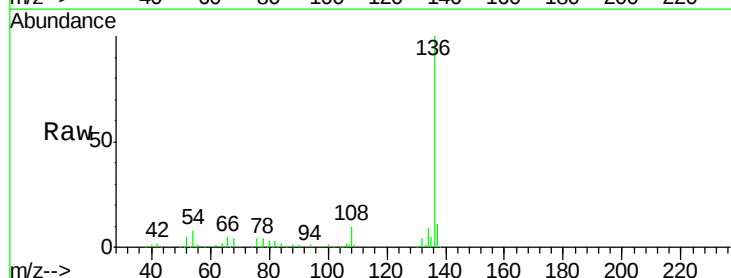
Ion Ratio Lower Upper

136 100

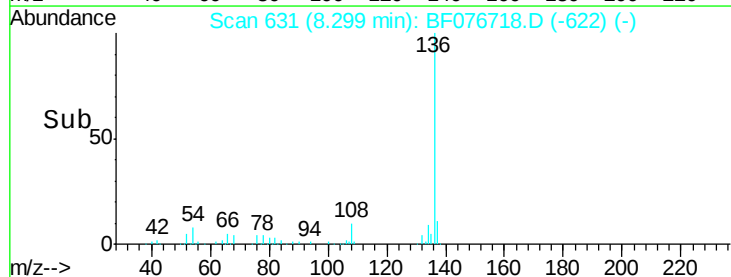
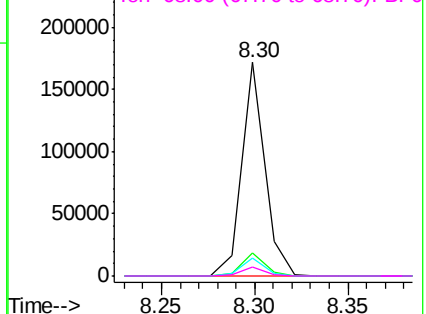
137 11.0 8.4 12.6

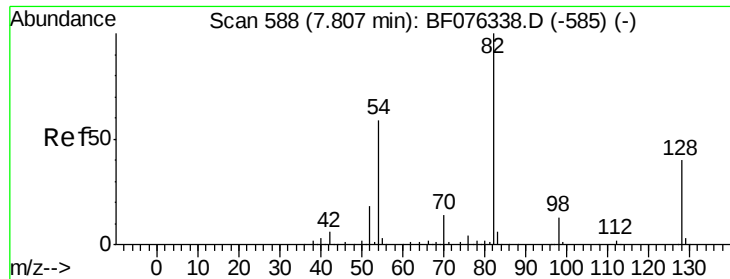
54 8.5 7.8 11.6

68 4.3 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

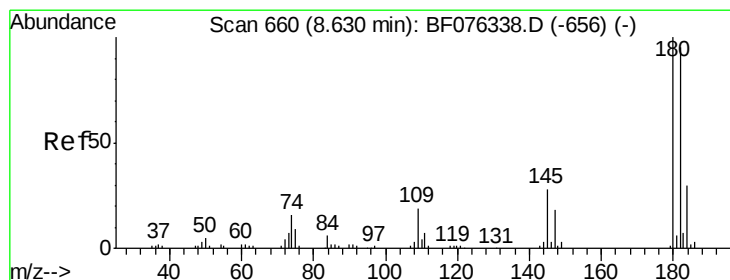
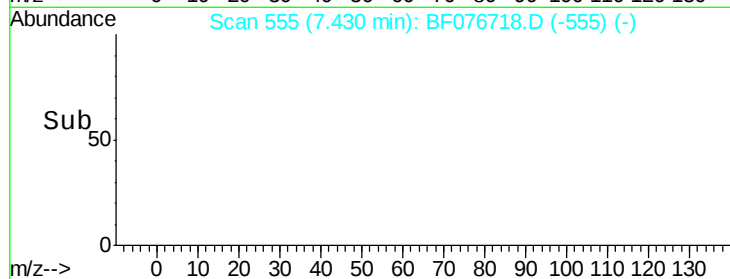
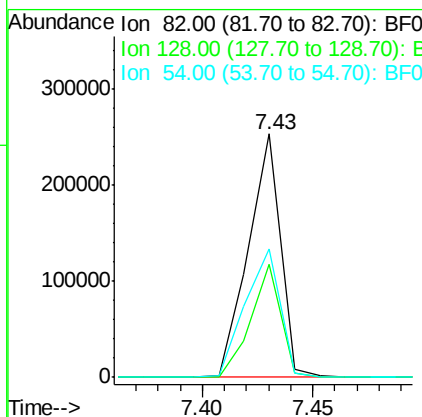
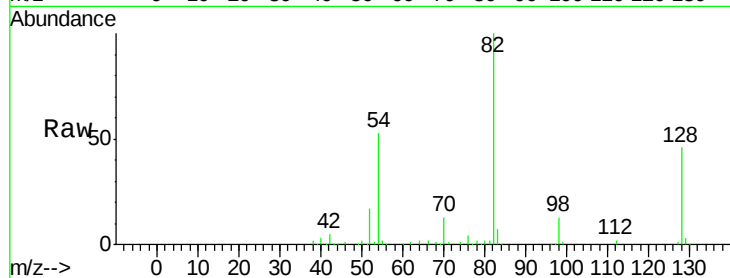




#23
 Nitrobenzene-d5
 Concen: 101.57 ng/ml
 RT: 7.43 min Scan# 555
 Delta R.T. -0.10 min
 Lab File: BF076718.D
 Acq: 1 Jan 2015 00:06

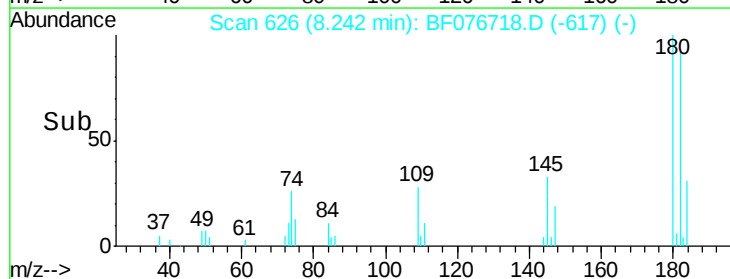
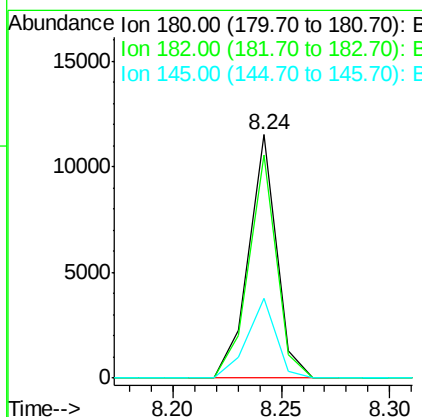
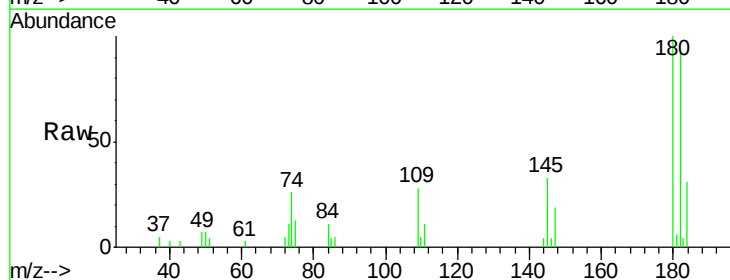
Instrument :
 BNA_F
 ClientSampleId :
 WC-1

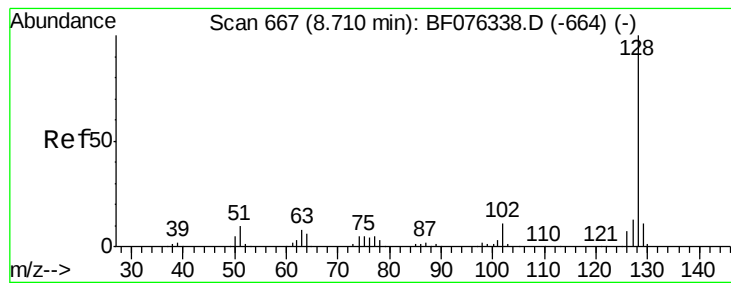
Tot Ion: 82 Resp: 255528
 Ion Ratio Lower Upper
 82 100
 128 46.3 31.9 47.9
 54 52.7 47.2 70.8



#30
 1,2,4-Trichlorobenzene
 Concen: 4.73 ng
 RT: 8.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF076718.D
 Acq: 1 Jan 2015 00:06

Tgt Ion: 180 Resp: 10325
 Ion Ratio Lower Upper
 180 100
 182 91.6 75.8 113.6
 145 32.8 22.4 33.6





#31

Naphthalene

Concen: 3.27 ng

RT: 8.32 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF076718.D

Acq: 1 Jan 2015 00:06

Instrument :

BNA_F

ClientSampleId :

WC-1

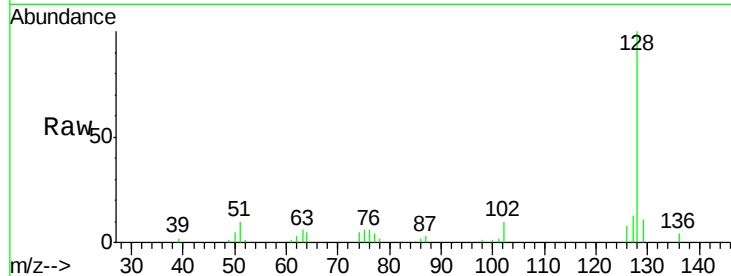
Tot Ion:128 Resp: 24235

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

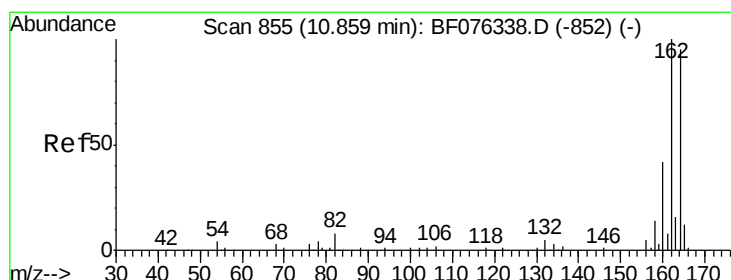
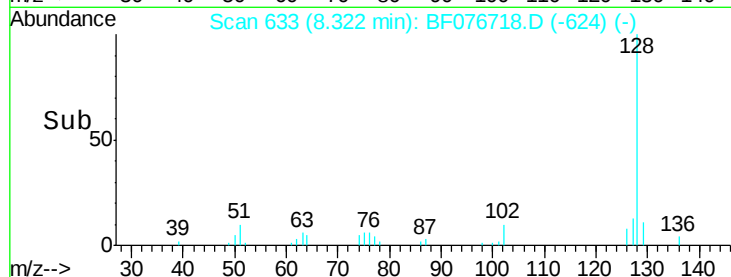
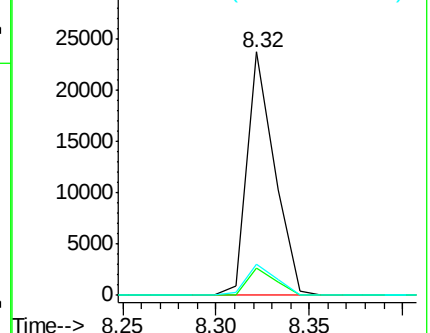
127 12.7 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.45 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF076718.D

Acq: 1 Jan 2015 00:06

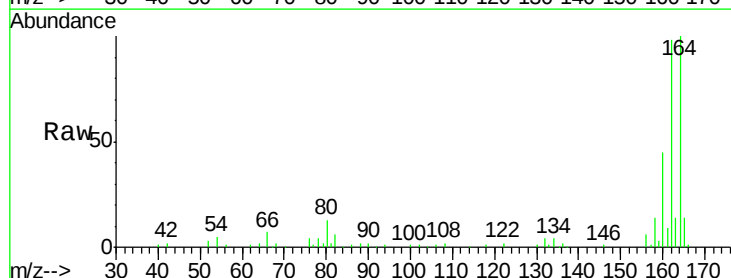
Tgt Ion:164 Resp: 82236

Ion Ratio Lower Upper

164 100

162 98.2 84.2 126.2

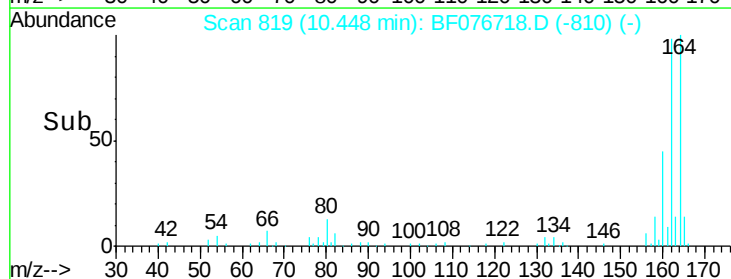
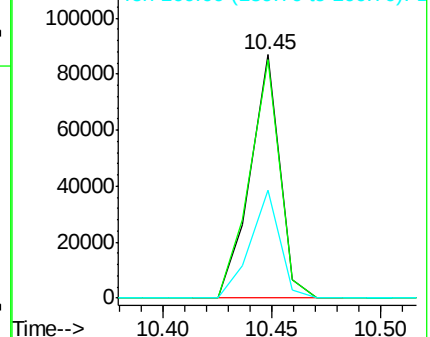
160 44.5 35.5 53.3

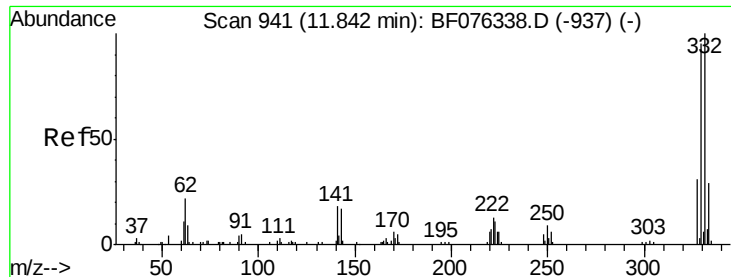


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

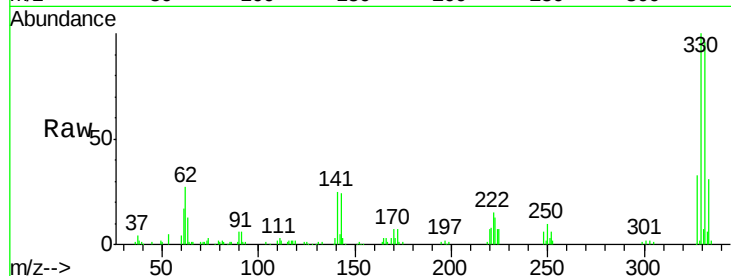




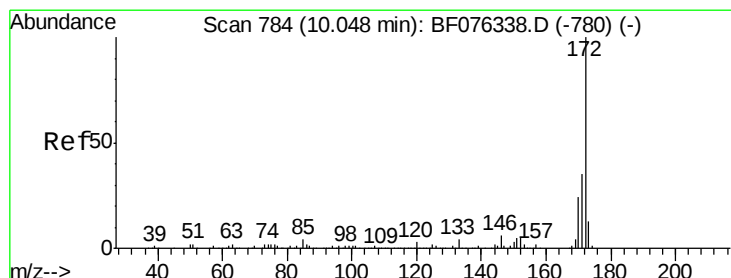
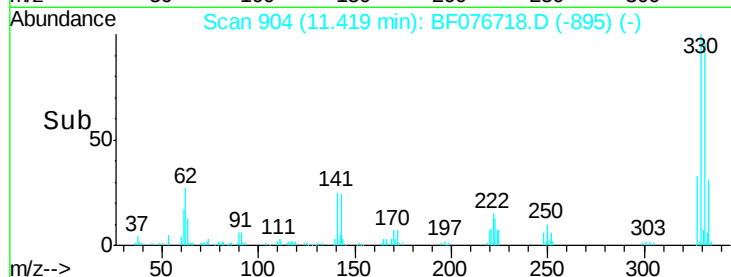
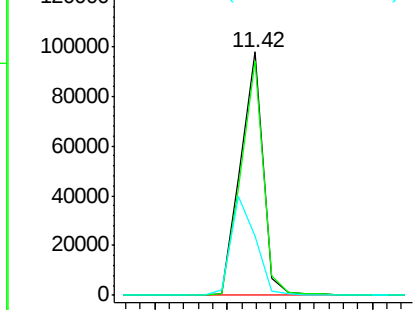
#41
 2,4,6-Tribromophenol
 Concen: 153.00 ng
 RT: 11.42 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BF076718.D
 Acq: 1 Jan 2015 00:06

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	44.4	0.0	0.0#

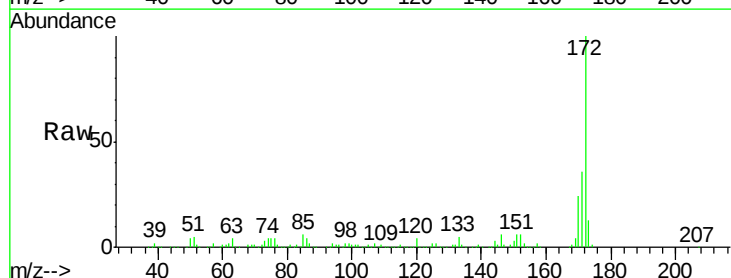


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

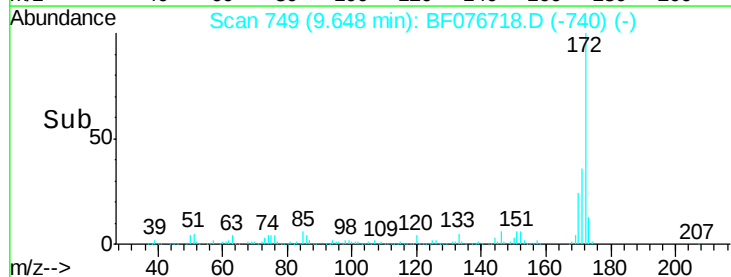
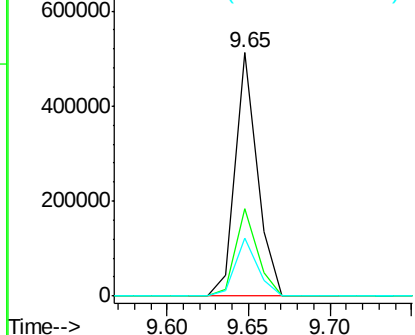


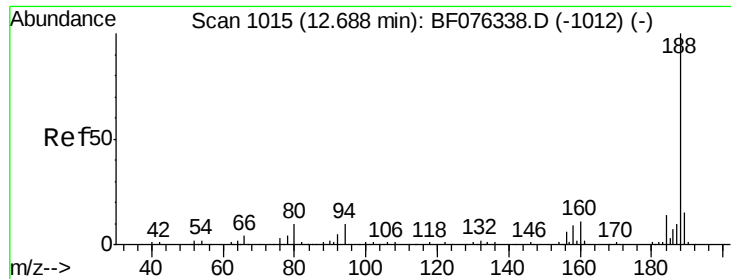
#44
 2-Fluorobiphenyl
 Concen: 90.41 ng
 RT: 9.65 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF076718.D
 Acq: 1 Jan 2015 00:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.8	41.8
170	24.1	19.0	28.4



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

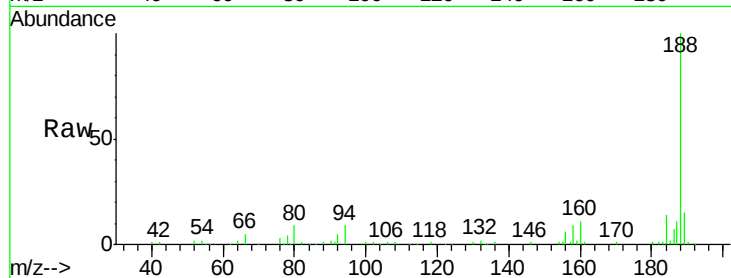




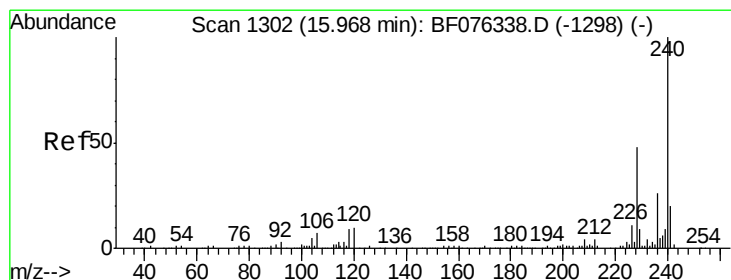
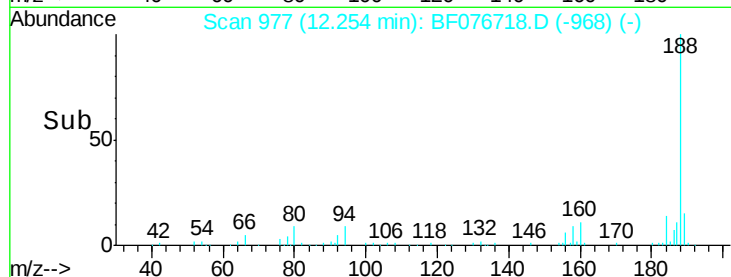
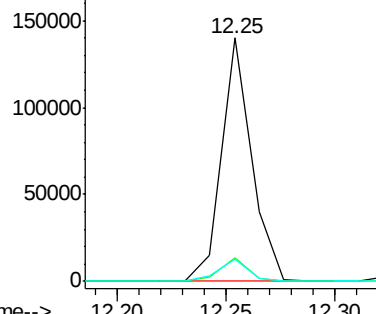
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.25 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BF076718.D
 Acq: 1 Jan 2015 00:06

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tot Ion:188 Resp: 134672
 Ion Ratio Lower Upper
 188 100
 94 9.4 7.9 11.9
 80 9.4 8.2 12.2

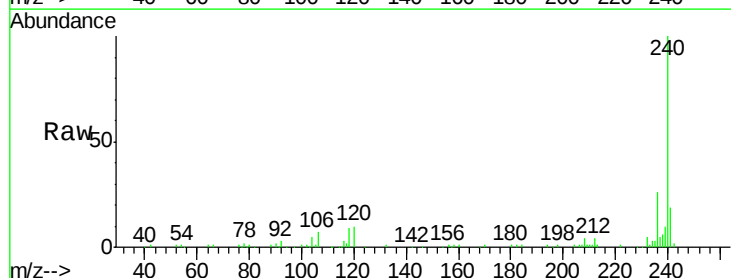


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

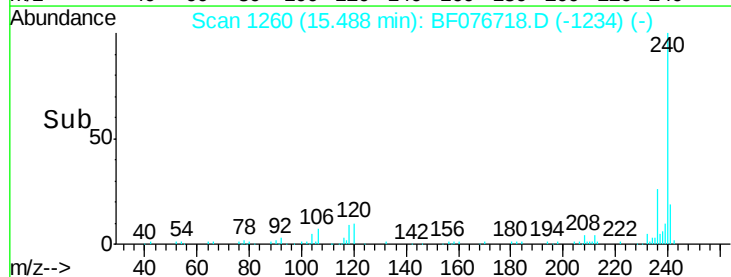
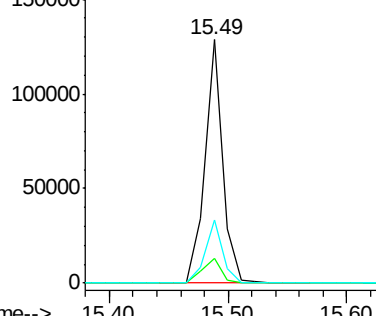


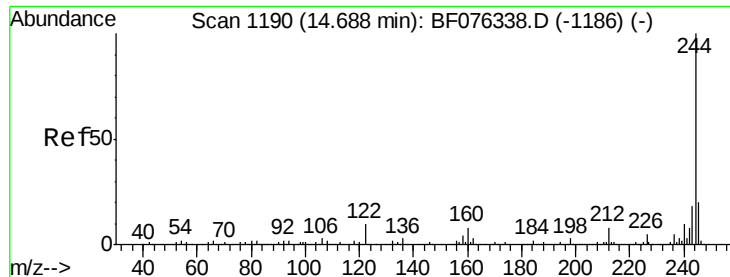
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BF076718.D
 Acq: 1 Jan 2015 00:06

Tgt Ion:240 Resp: 133938
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.0 12.0
 236 26.0 20.6 30.8



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

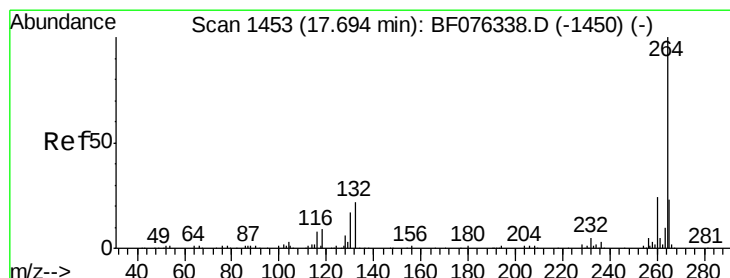
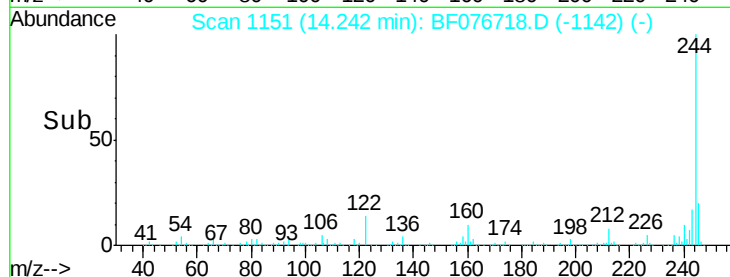
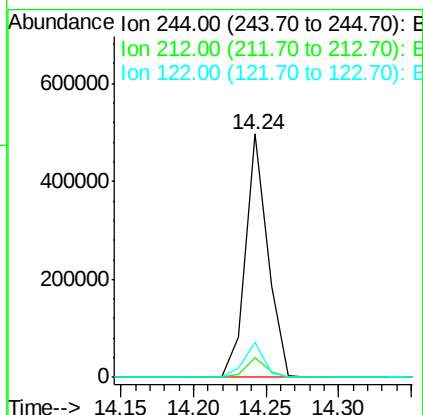
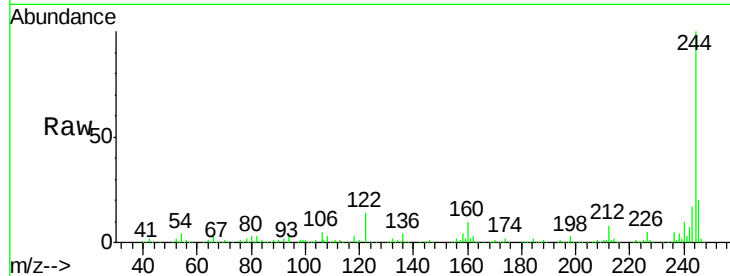




#78
 Terphenyl-d14
 Concen: 86.99 ng
 RT: 14.24 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BF076718.D
 Acq: 1 Jan 2015 00:06

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tot Ion:244 Resp: 528220
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 14.2 8.2 12.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.17 min Scan# 1407
 Delta R.T. 0.03 min
 Lab File: BF076718.D
 Acq: 1 Jan 2015 00:06

Tgt Ion:264 Resp: 120867
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.4 29.2
 265 20.5 18.1 27.1

