

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
 Data File : BF078842.D
 Acq On : 30 Apr 2015 7:04
 Operator : TP/IZ
 Sample : G2021-13
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-25-5-10

Quant Time: Apr 30 07:59:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 07:36:56 2015
 Response via : Initial Calibration

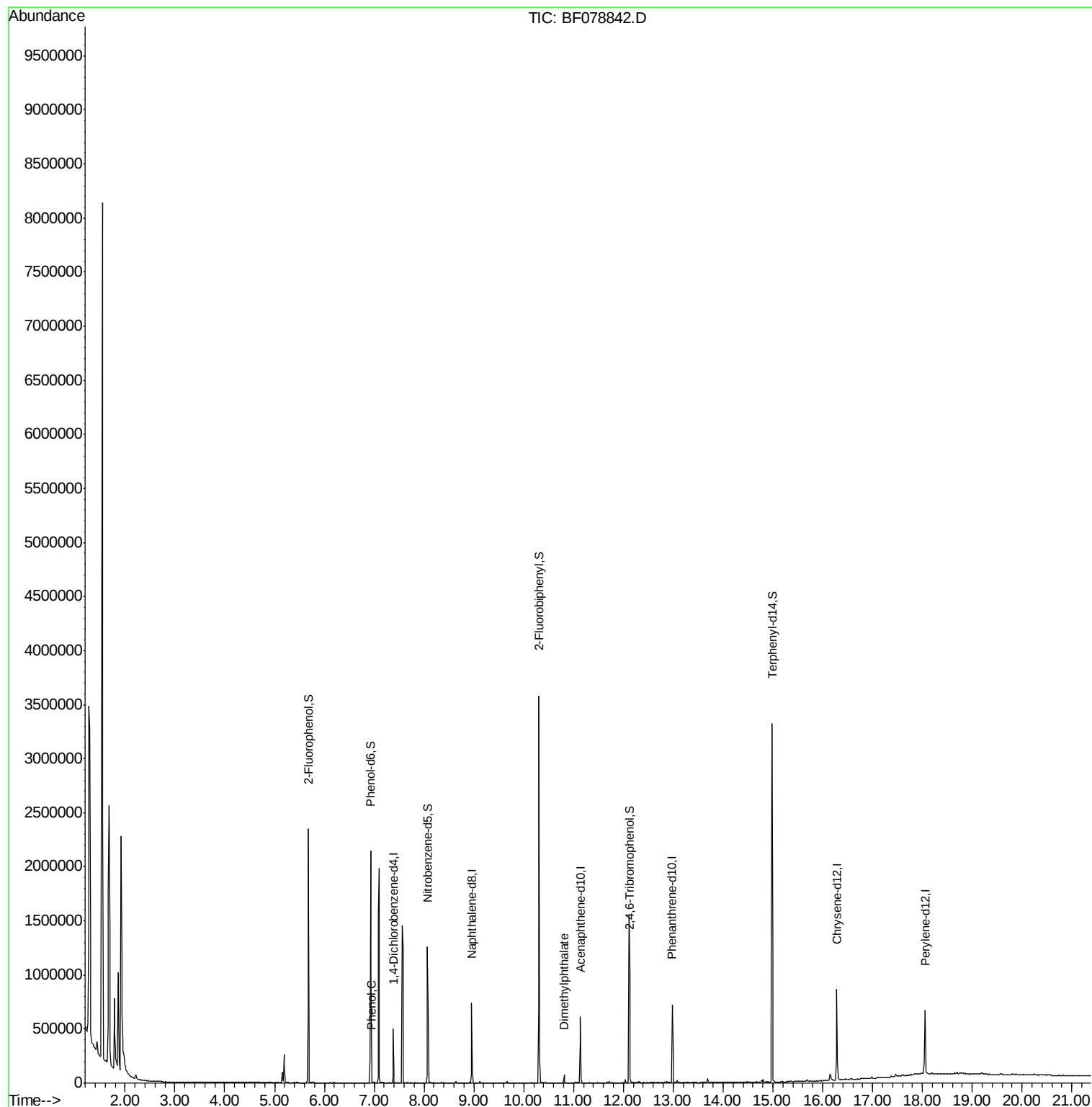
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	72568	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	312259	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	150115	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	281754	20.00	ng	0.00
75) Chrysene-d12	16.29	240	311374	20.00	ng	0.00
86) Perylene-d12	18.06	264	340811	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	657123	166.32	ng	0.01
7) Phenol-d6	6.92	99	846326	160.39	ng	0.00
23) Nitrobenzene-d5	8.07	82	481631	111.05	ng	0.00
41) 2,4,6-Tribromophenol	12.13	330	244540	162.48	ng	0.00
44) 2-Fluorobiphenyl	10.31	172	1045800	95.40	ng	0.00
78) Terphenyl-d14	14.98	244	1203770	92.07	ng	0.00
Target Compounds						
10) Phenol	6.95	94	25805	4.14	ng	95
49) Dimethylphthalate	10.81	163	30989	2.90	ng	98

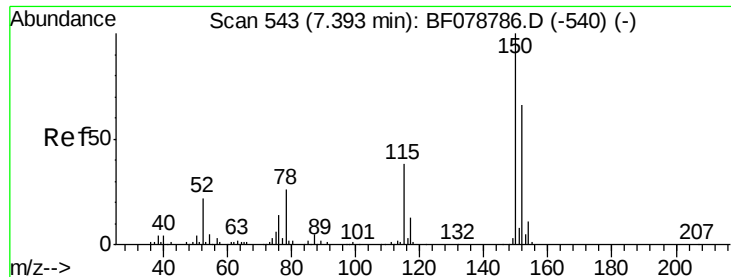
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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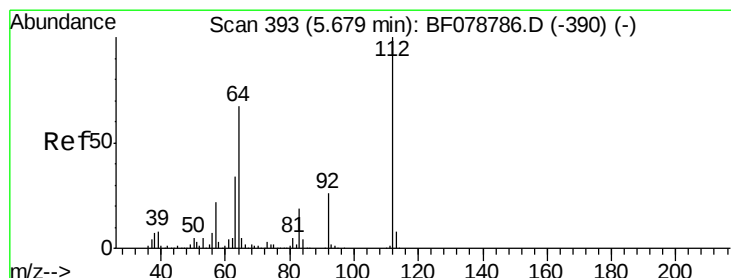
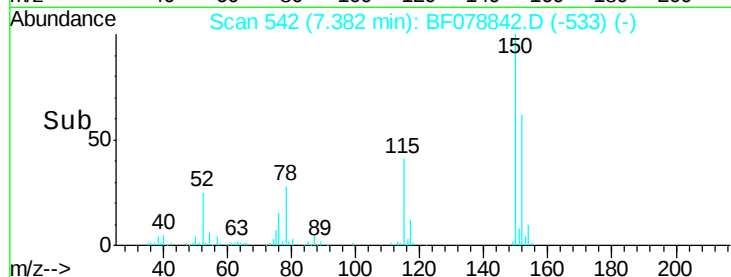
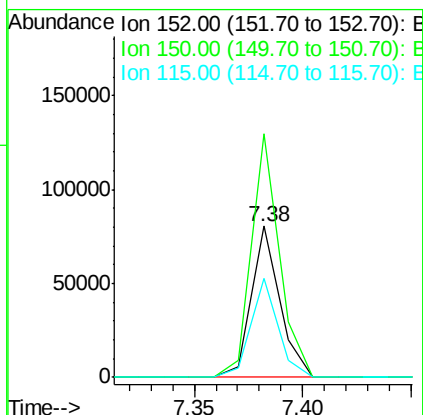
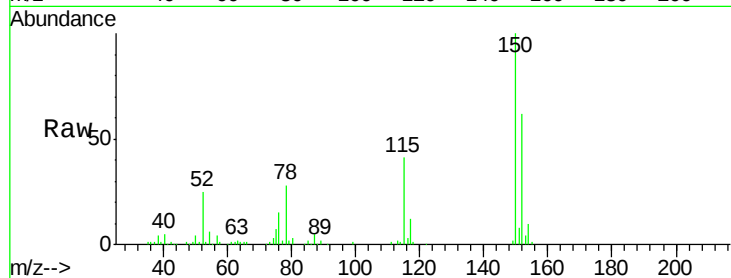


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.38 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF078842.D
 Acq: 30 Apr 2015 7:04

Instrument :
 BNA_F
 ClientSampleId :
 PS-25-5-10

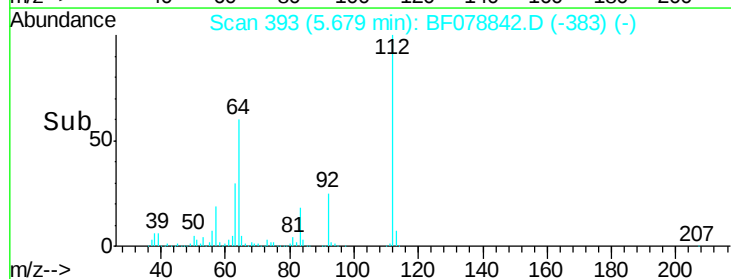
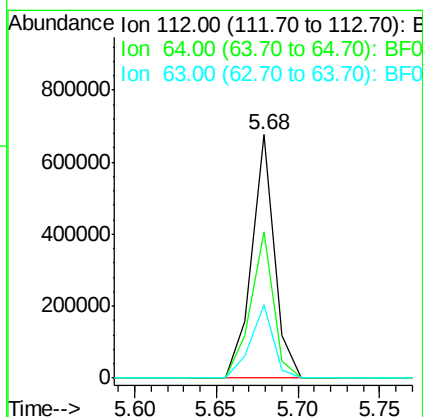
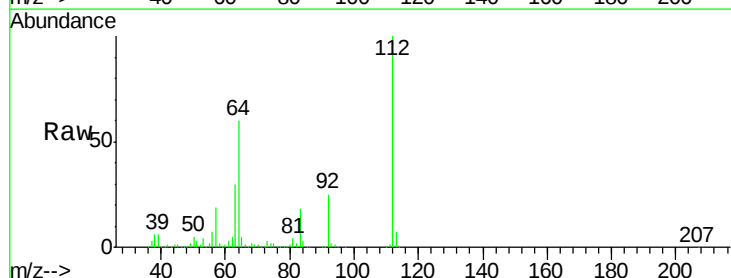
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	122.0	183.0
115	65.6	46.3	69.5

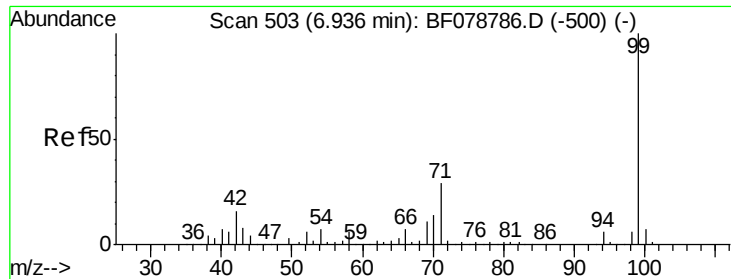


#5

2-Fluorophenol
 Concen: 166.32 ng
 RT: 5.68 min Scan# 393
 Delta R.T. 0.01 min
 Lab File: BF078842.D
 Acq: 30 Apr 2015 7:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	53.5	80.3
63	29.9	27.5	41.3





#7

Phenol-d6

Concen: 160.39 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF078842.D

Acq: 30 Apr 2015 7:04

Instrument :

BNA_F

ClientSampleId :

PS-25-5-10

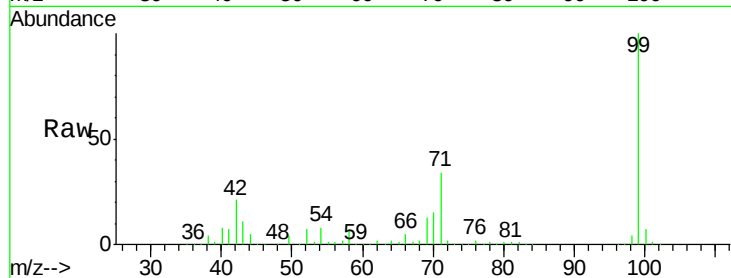
Tot Ion: 99 Resp: 846326

Ion Ratio Lower Upper

99 100

42 21.2 12.8 19.2#

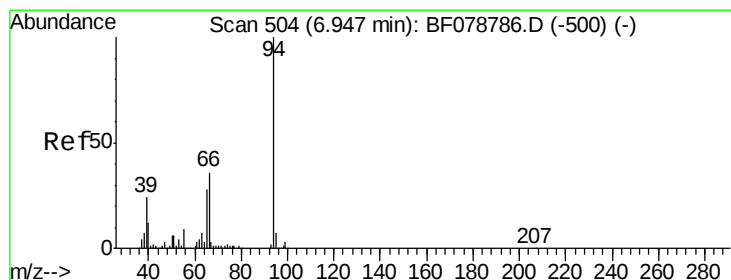
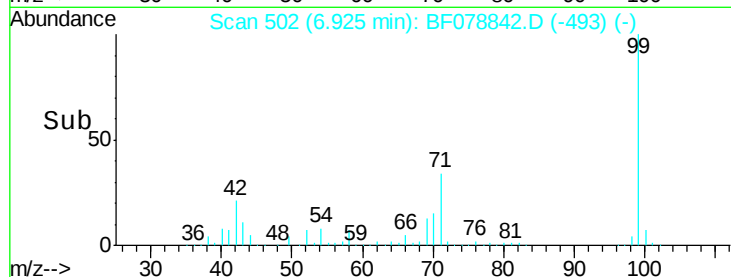
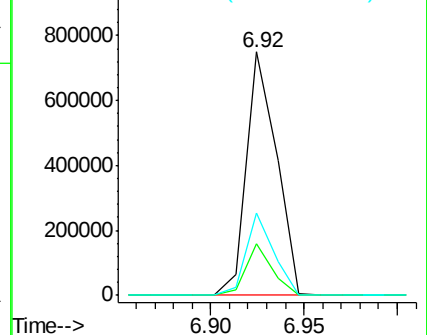
71 33.9 23.4 35.2



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: 4.14 ng

RT: 6.95 min Scan# 504

Delta R.T. 0.01 min

Lab File: BF078842.D

Acq: 30 Apr 2015 7:04

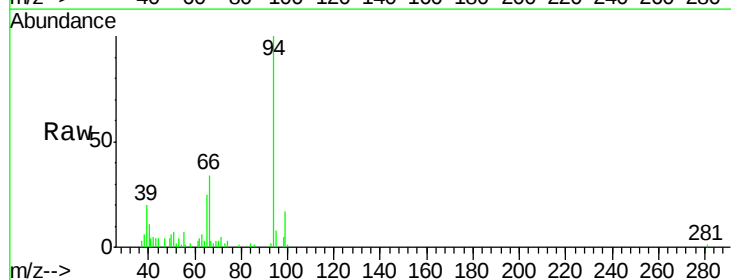
Tgt Ion: 94 Resp: 25805

Ion Ratio Lower Upper

94 100

65 24.7 8.5 48.5

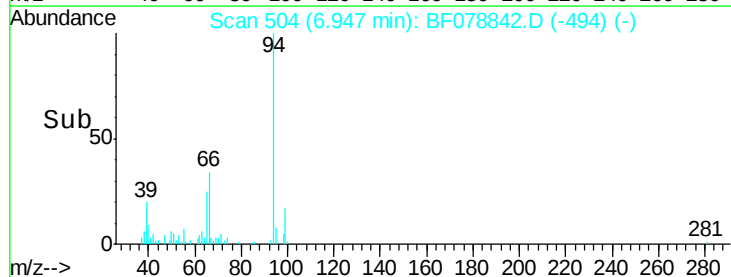
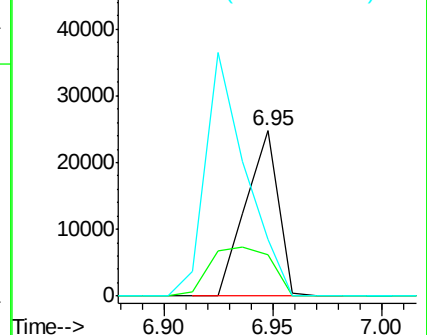
66 34.3 16.0 56.0

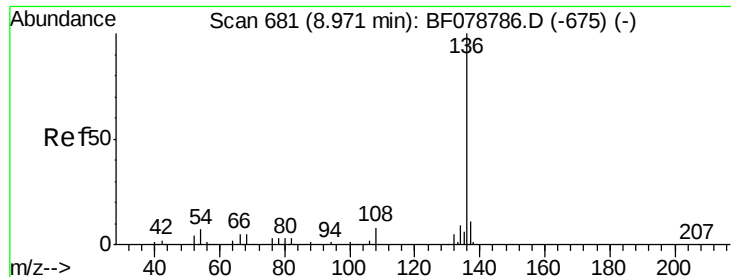


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

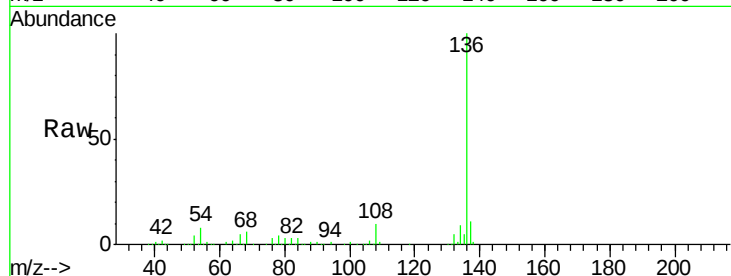




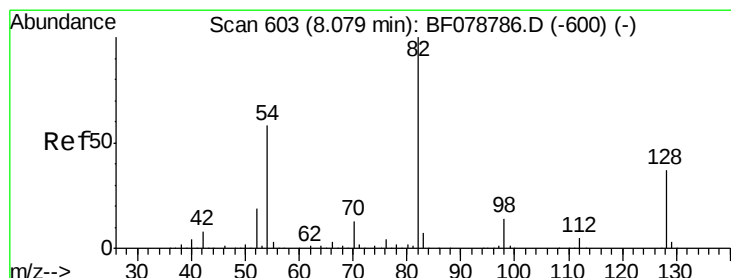
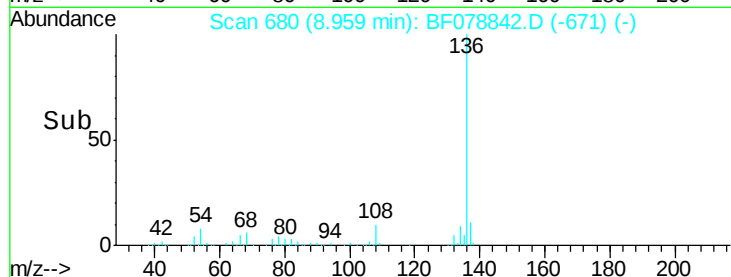
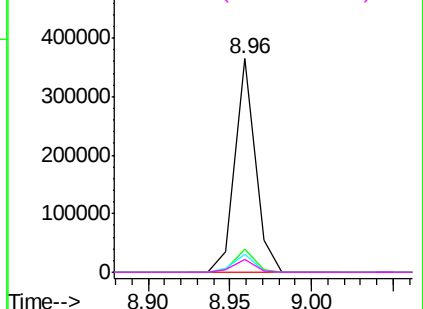
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.96 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF078842.D
Acq: 30 Apr 2015 7:04

Instrument :
BNA_F
ClientSampleId :
PS-25-5-10

Tot Ion:136	Resp:	312259
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.7 13.1
54	8.4	5.8 8.8
68	6.2	4.2 6.4

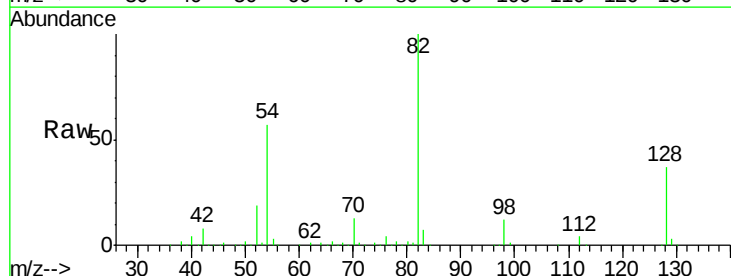


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

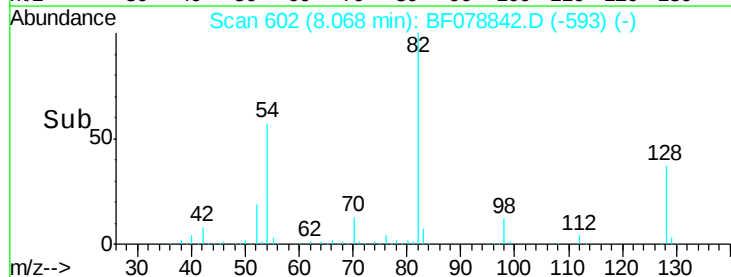
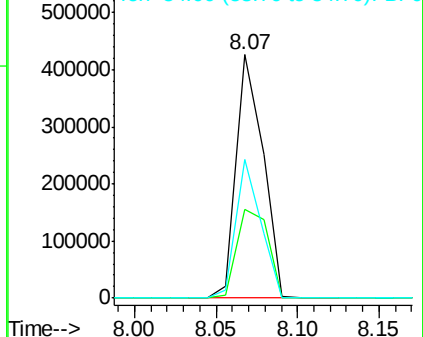


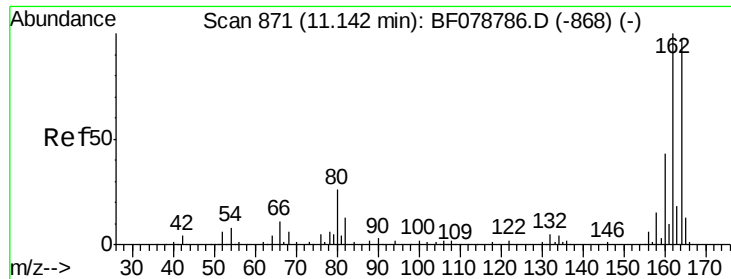
#23
Nitrobenzene-d5
Concen: 111.05 ng
RT: 8.07 min Scan# 602
Delta R.T. 0.00 min
Lab File: BF078842.D
Acq: 30 Apr 2015 7:04

Tgt Ion: 82	Resp:	481631
Ion Ratio	Lower	Upper
82	100	
128	36.7	30.0 45.0
54	57.2	46.4 69.6



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

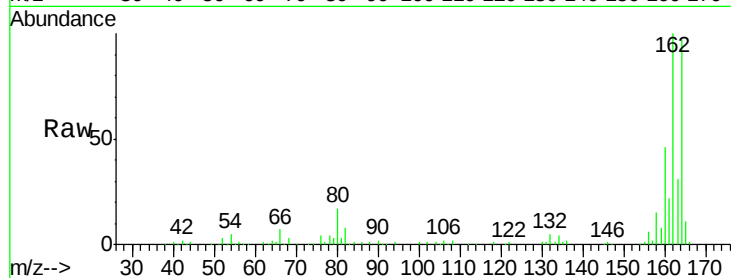




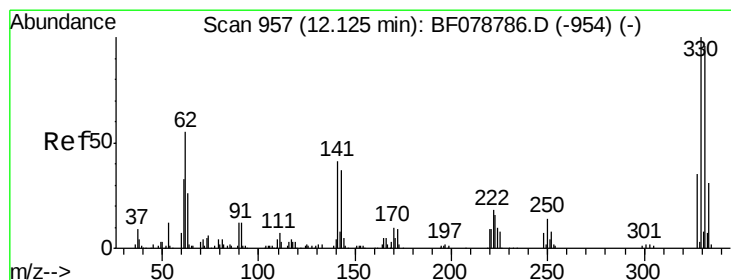
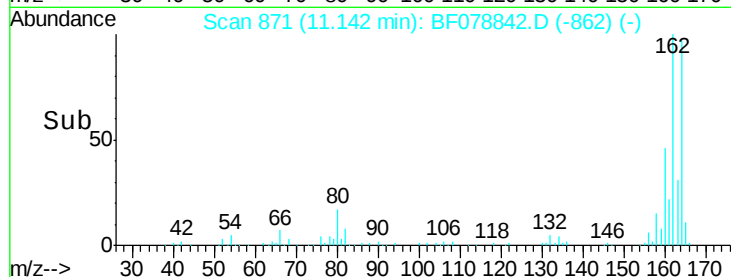
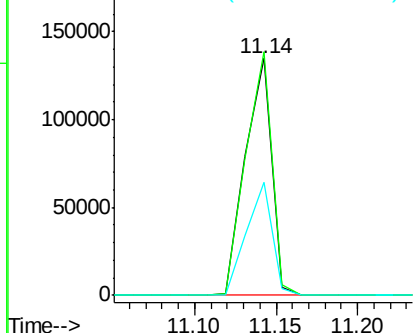
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF078842.D
Acq: 30 Apr 2015 7:04

Instrument :
BNA_F
ClientSampleId :
PS-25-5-10

Tot Ion:164 Resp: 150115
Ion Ratio Lower Upper
164 100
162 102.7 82.7 124.1
160 47.5 35.8 53.8

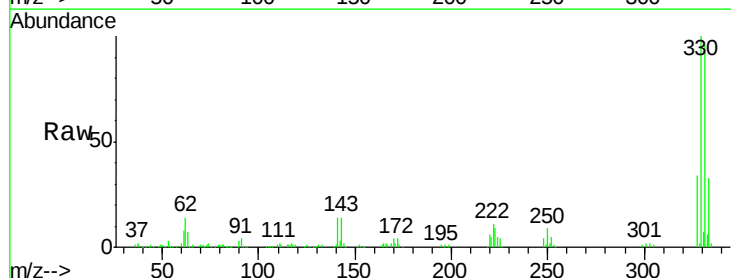


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

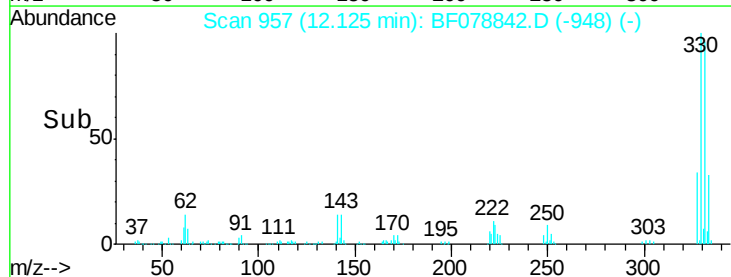
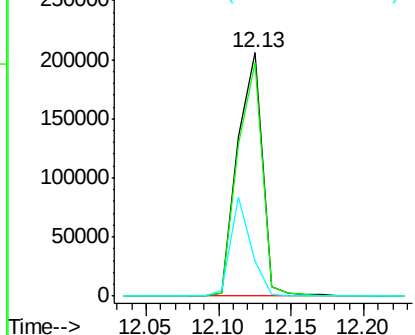


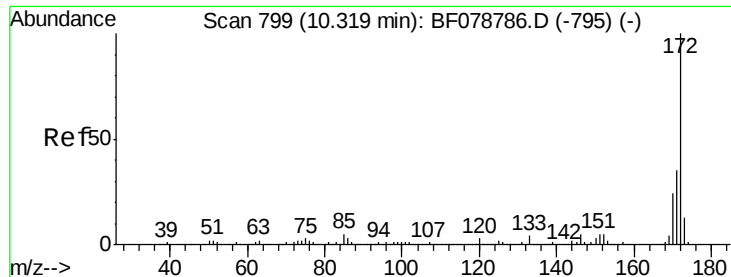
#41
2,4,6-Tribromophenol
Concen: 162.48 ng
RT: 12.13 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF078842.D
Acq: 30 Apr 2015 7:04

Tgt Ion:330 Resp: 244540
Ion Ratio Lower Upper
330 100
332 95.6 0.0 0.0#
141 33.7 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

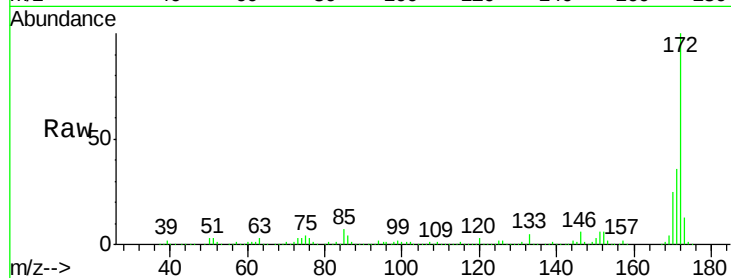




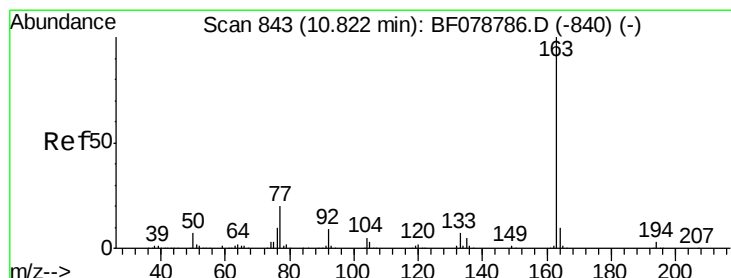
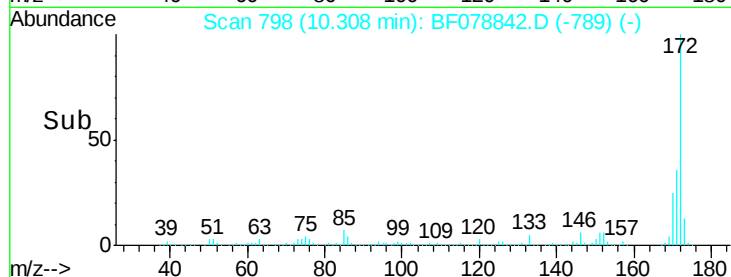
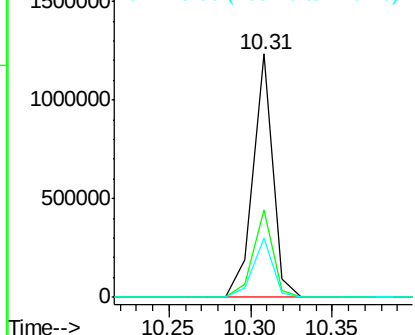
#44
2-Fluorobiphenyl
Concen: 95.40 ng
RT: 10.31 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF078842.D
Acq: 30 Apr 2015 7:04

Instrument :
BNA_F
ClientSampleId :
PS-25-5-10

Tot Ion:172 Resp: 1045800
Ion Ratio Lower Upper
172 100
171 36.0 27.9 41.9
170 24.6 19.4 29.0

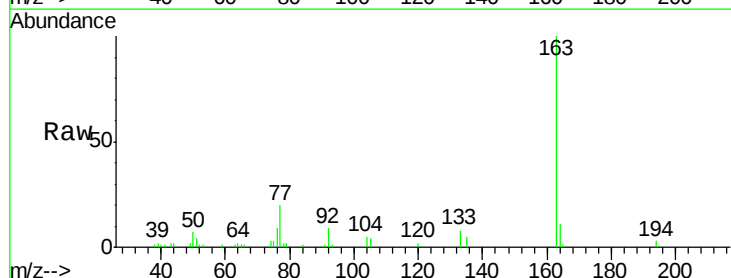


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

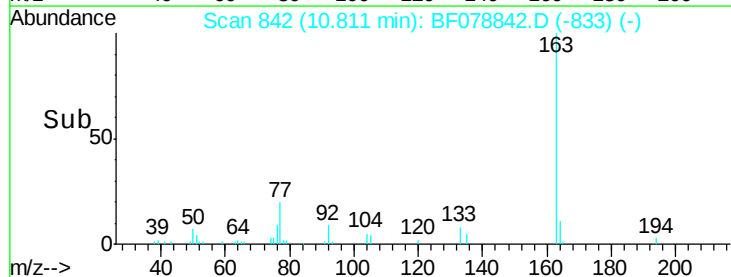
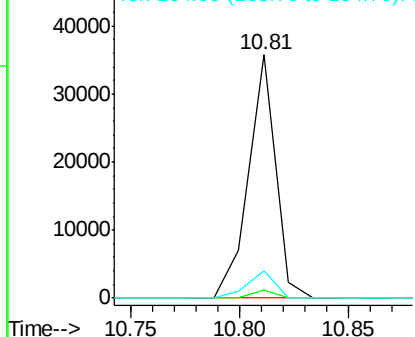


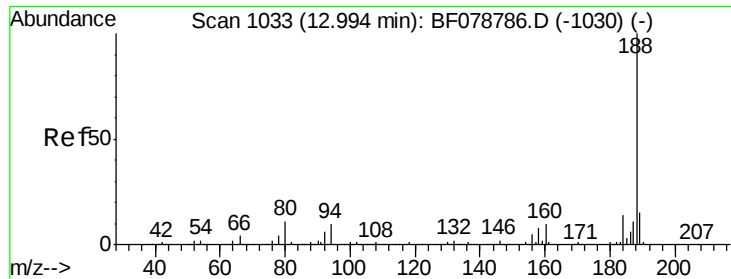
#49
Dimethylphthalate
Concen: 2.90 ng
RT: 10.81 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF078842.D
Acq: 30 Apr 2015 7:04

Tgt Ion:163 Resp: 30989
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 11.0 8.1 12.1



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

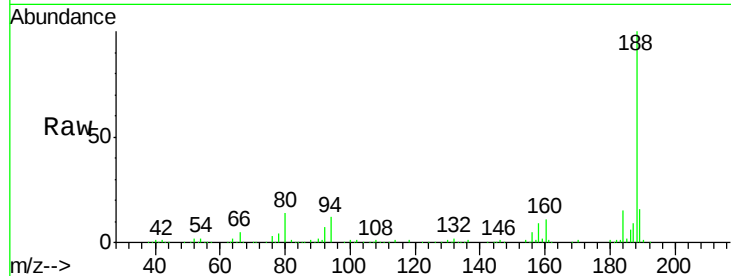




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.98 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF078842.D
Acq: 30 Apr 2015 7:04

Instrument :
BNA_F
ClientSampleId :
PS-25-5-10

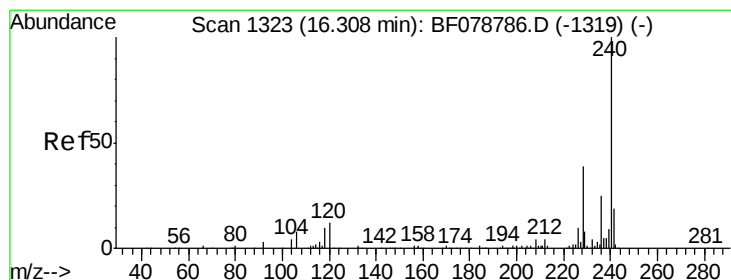
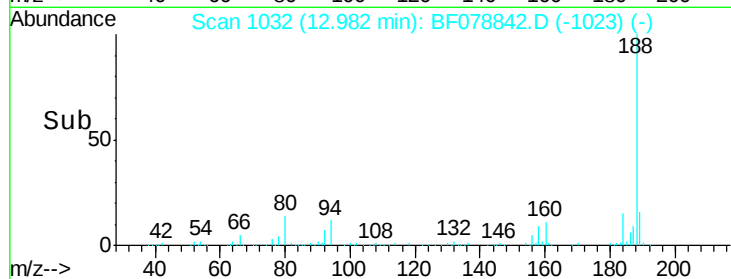
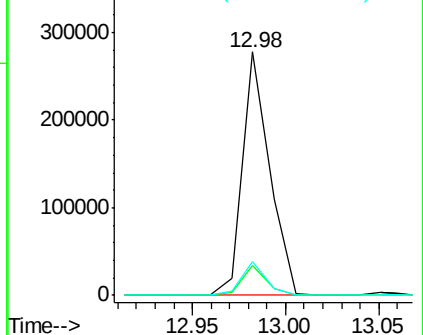
Tot Ion	Ratio	Lower	Upper
188	100		
94	12.4	8.2	12.2#
80	13.6	8.9	13.3#



Abundance Ion 188.00 (187.70 to 188.70): E

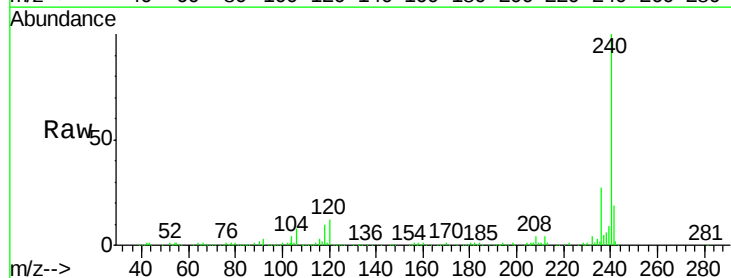
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.29 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF078842.D
Acq: 30 Apr 2015 7:04

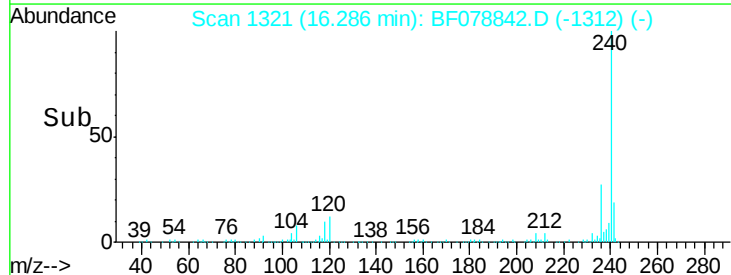
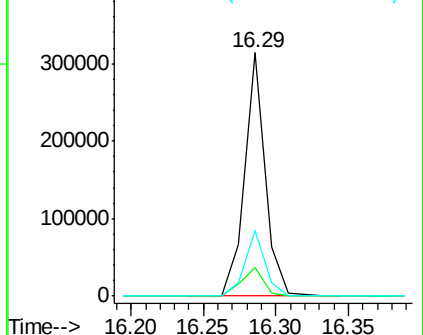
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.7	14.5
236	26.7	20.2	30.4

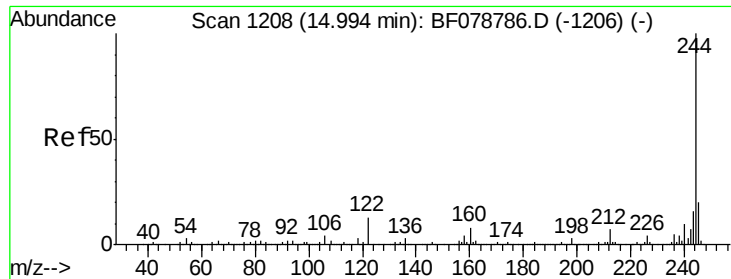


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

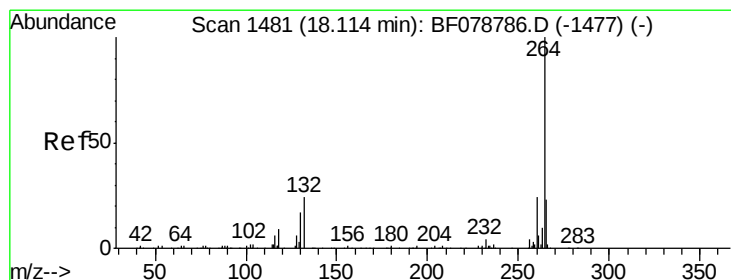
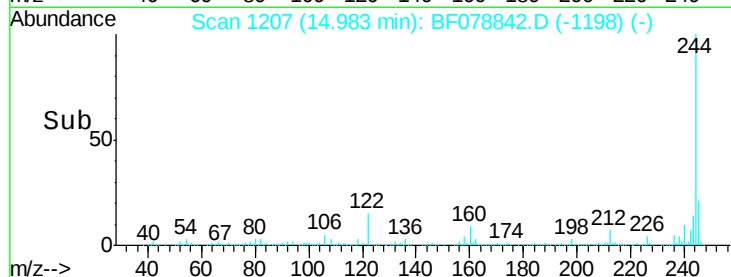
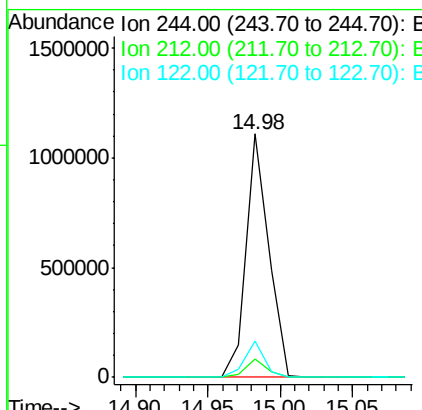
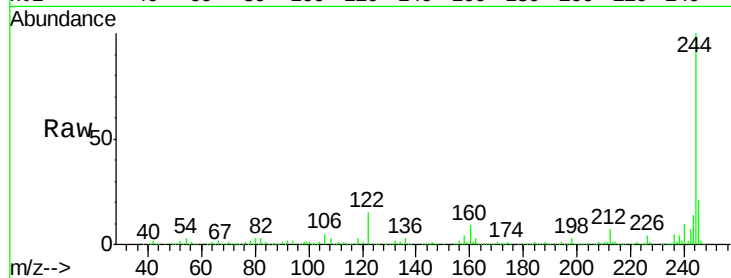




#78
 Terphenyl-d14
 Concen: 92.07 ng
 RT: 14.98 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF078842.D
 Acq: 30 Apr 2015 7:04

Instrument :
 BNA_F
 ClientSampleId :
 PS-25-5-10

Tot Ion:244 Resp: 1203770
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 15.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.06 min Scan# 1476
 Delta R.T. 0.05 min
 Lab File: BF078842.D
 Acq: 30 Apr 2015 7:04

Tgt Ion:264 Resp: 340811
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 20.5 18.3 27.5

