

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
 Data File : BF101821.D
 Acq On : 29 Dec 2017 11:39
 Operator : SJ/JU
 Sample : I7034-05 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 29 13:27:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

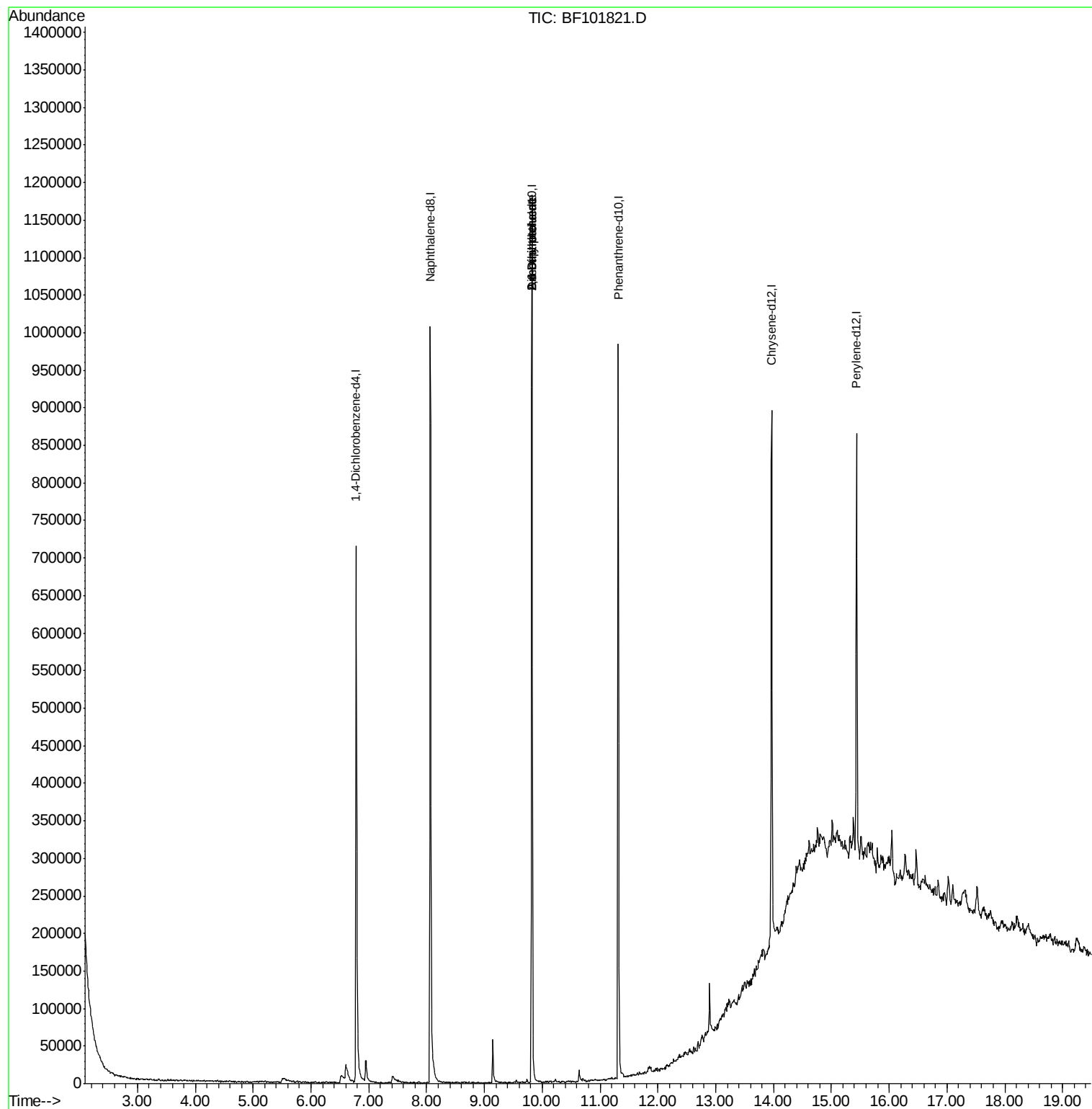
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	146626	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	574214	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	241491	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	402533	20.00	ng	0.00
75) Chrysene-d12	13.97	240	273219	20.00	ng	0.00
86) Perylene-d12	15.44	264	297173	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	3222	0.33	ng	0.10
7) Phenol-d6	6.52	99	20585	1.68	ng	0.09
23) Nitrobenzene-d5	7.42	82	11247	1.09	ng	0.05
41) 2,4,6-Tribromophenol	10.64	330	3456	1.49	ng	0.02
44) 2-Fluorobiphenyl	9.15	172	28697	1.84	ng	0.00
78) Terphenyl-d14	12.89	244	20271	1.79	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.82	163	61041	3.142	ng	# 1
50) 2,6-Dinitrotoluene	9.82	165	30801	7.802	ng	# 26
56) 2,4-Dinitrotoluene	9.82	165	30801	6.925	ng	# 24

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

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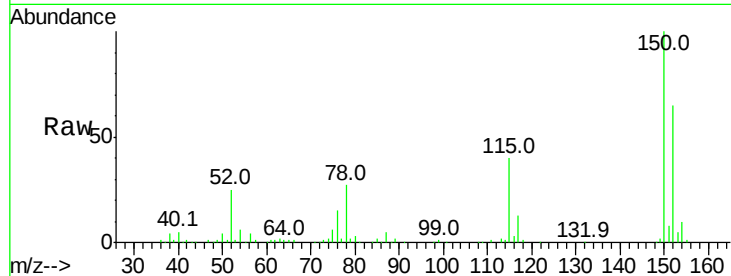


#1

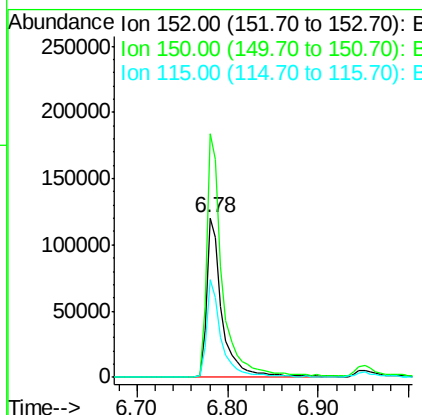
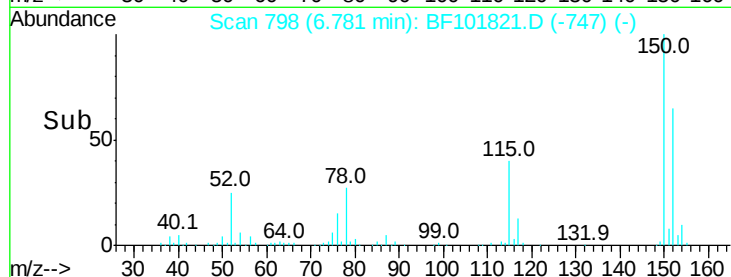
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF101821.D
Acq: 29 Dec 2017 11:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 146626
Ion Ratio Lower Upper
152 100
150 153.0 124.6 186.8
115 61.5 50.1 75.1



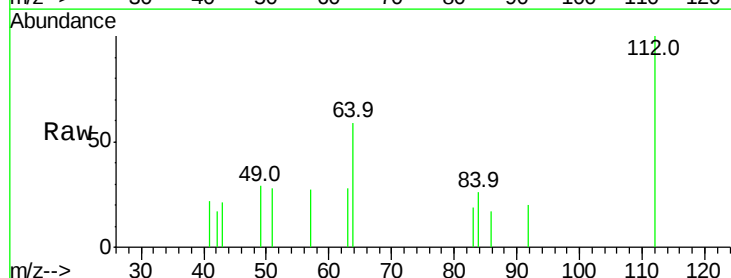
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



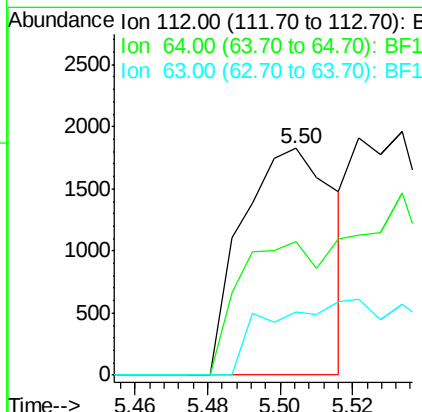
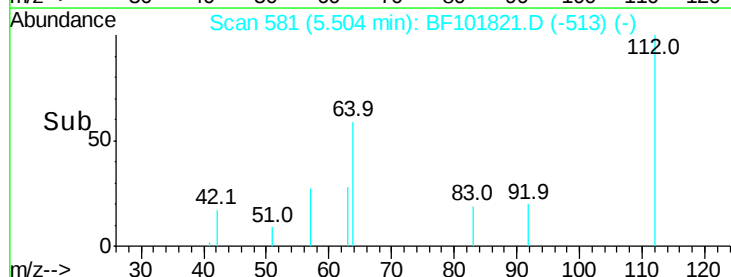
#5

2-Fluorophenol
Concen: 0.327 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.10 min
Lab File: BF101821.D
Acq: 29 Dec 2017 11:39

Tgt Ion:112 Resp: 3222
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 27.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 1.680 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.09 min

Lab File: BF101821.D

Acq: 29 Dec 2017 11:39

Instrument :

BNA_F

ClientSampled :

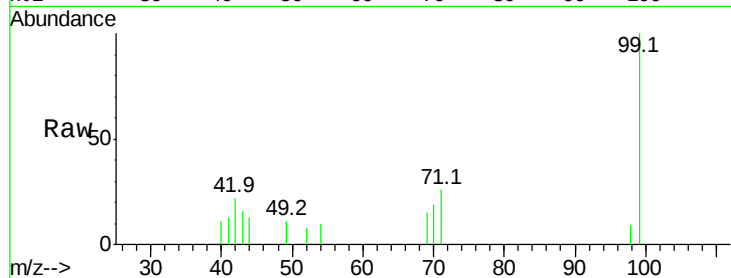
Tot Ion: 99 Resp: 20585

Ion Ratio Lower Upper

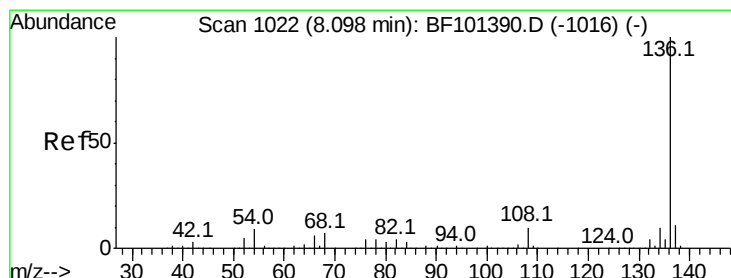
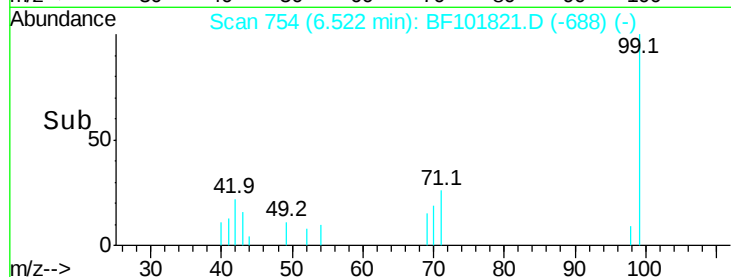
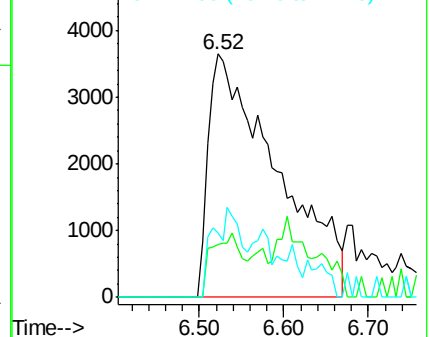
99 100

42 21.8 14.5 21.7#

71 26.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF101821.D

Acq: 29 Dec 2017 11:39

Tgt Ion: 136 Resp: 574214

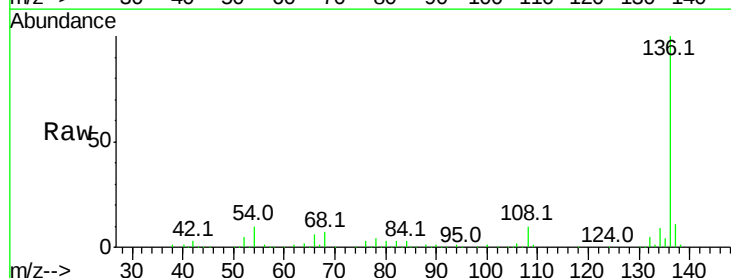
Ion Ratio Lower Upper

136 100

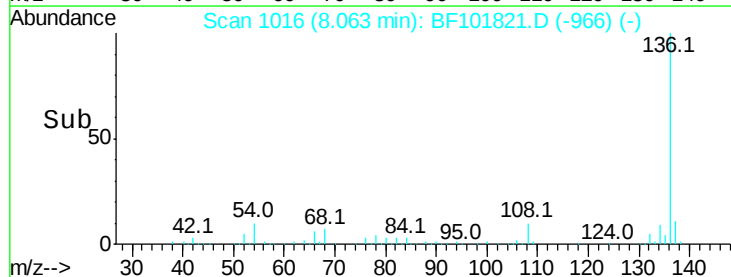
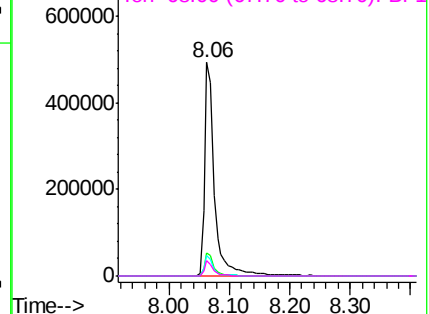
137 11.1 8.9 13.3

54 9.6 6.6 9.8

68 7.3 5.0 7.4



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): BF1
Ion 68.00 (67.70 to 68.70): BF1

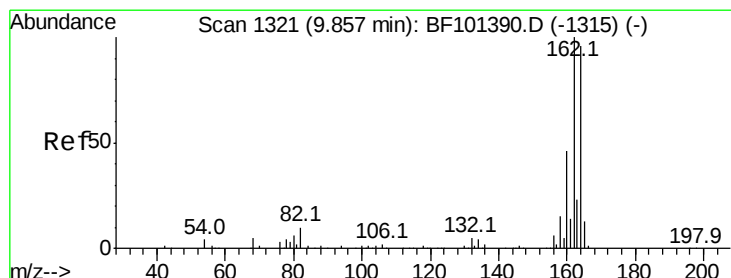
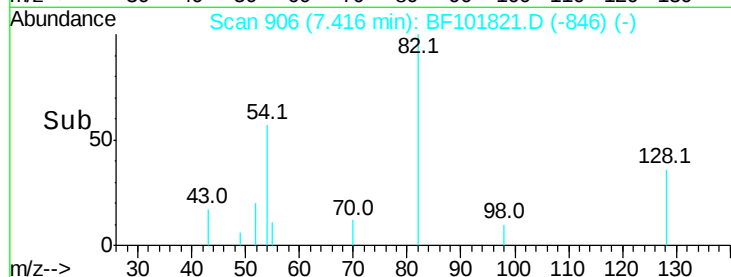
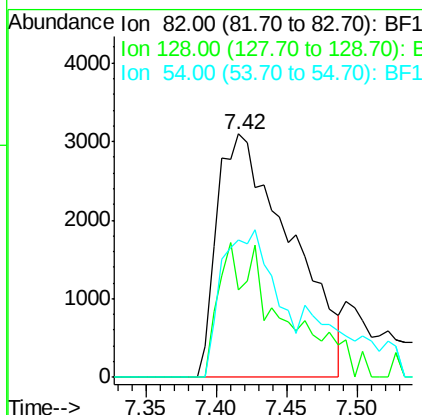
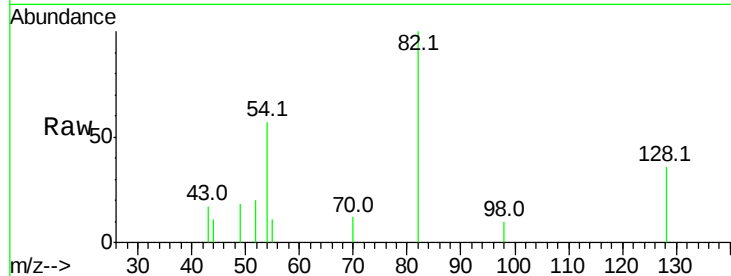




#23
Nitrobenzene-d5
Concen: 1.090 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.05 min
Lab File: BF101821.D
Acq: 29 Dec 2017 11:39

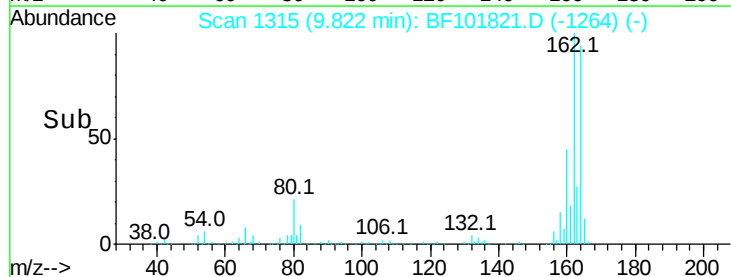
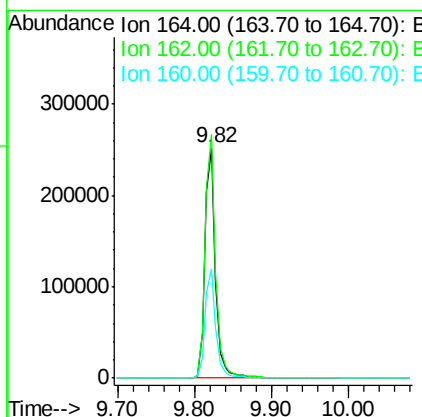
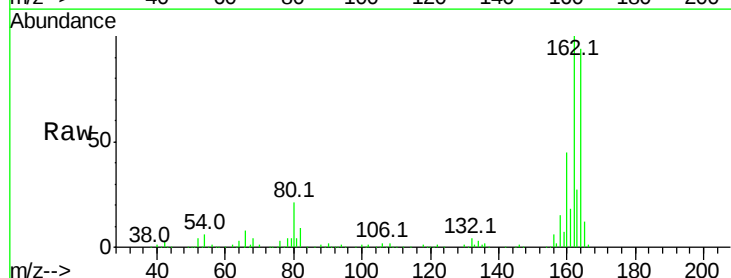
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 11247
Ion Ratio Lower Upper
82 100
128 36.0 36.1 54.1#
54 56.5 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF101821.D
Acq: 29 Dec 2017 11:39

Tgt Ion:164 Resp: 241491
Ion Ratio Lower Upper
164 100
162 105.9 86.1 129.1
160 47.6 38.3 57.5

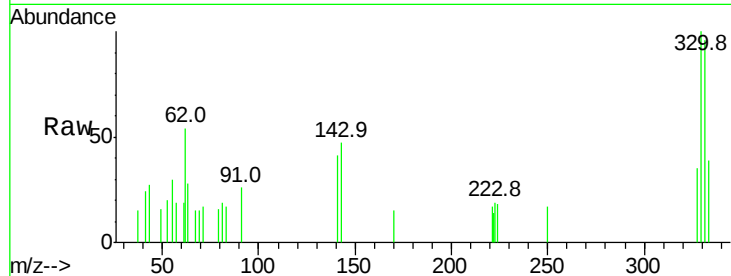




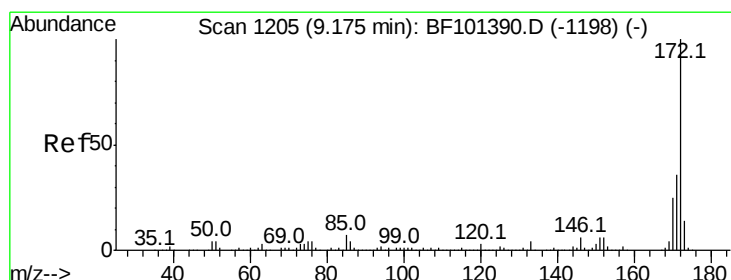
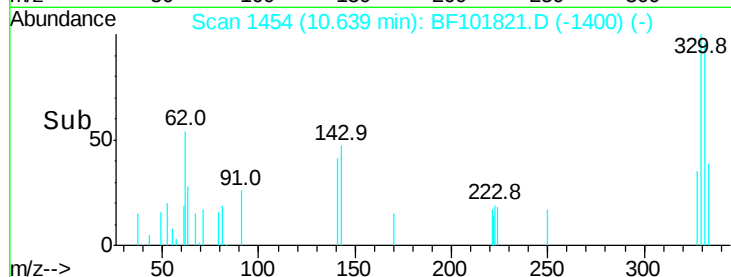
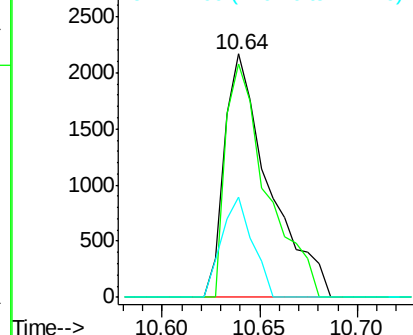
#41
 2,4,6-Tribromophenol
 Concen: 1.485 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.02 min
 Lab File: BF101821.D
 Acq: 29 Dec 2017 11:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 3456
 Ion Ratio Lower Upper
 330 100
 332 88.3 77.0 115.6
 141 28.4 29.9 44.9#

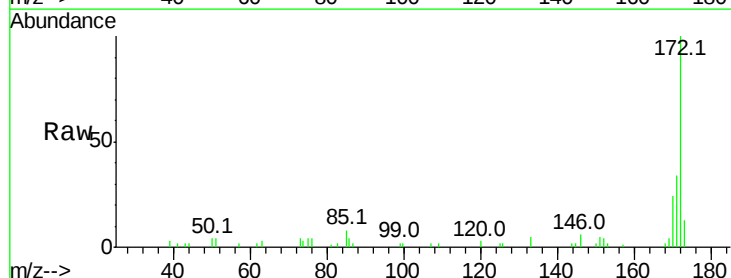


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

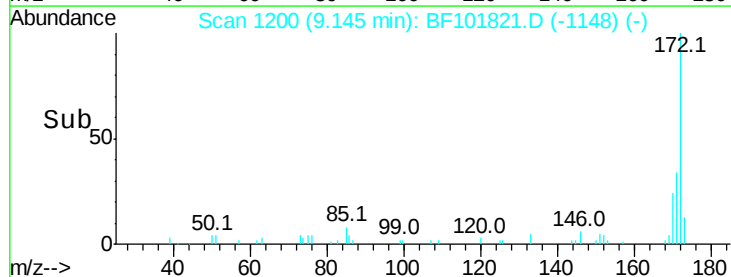
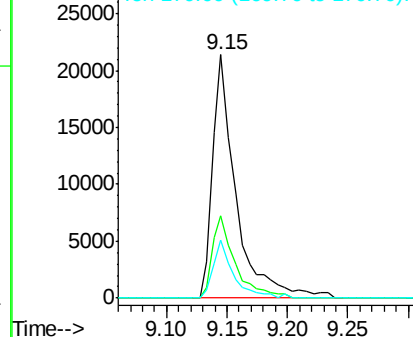


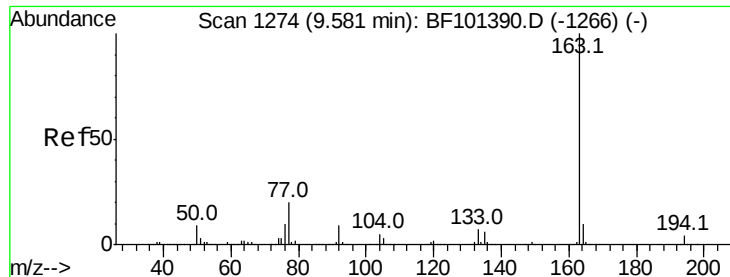
#44
 2-Fluorobiphenyl
 Concen: 1.843 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF101821.D
 Acq: 29 Dec 2017 11:39

Tgt Ion:172 Resp: 28697
 Ion Ratio Lower Upper
 172 100
 171 33.6 29.7 44.5
 170 23.8 19.6 29.4



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





#49

Dimethylphthalate

Concen: 3.142 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.27 min

Lab File: BF101821.D

Acq: 29 Dec 2017 11:39

Instrument :

BNA_F

ClientSampleId :

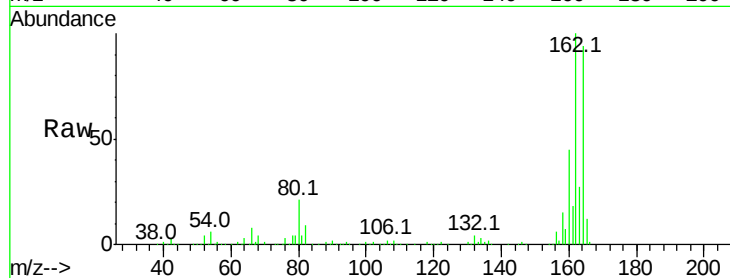
Tot Ion:163 Resp: 61041

Ion Ratio Lower Upper

163 100

194 0.0 2.7 4.1#

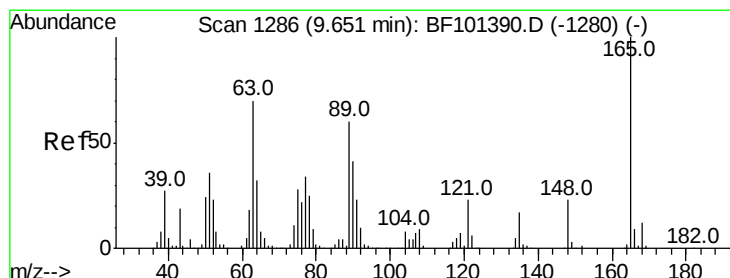
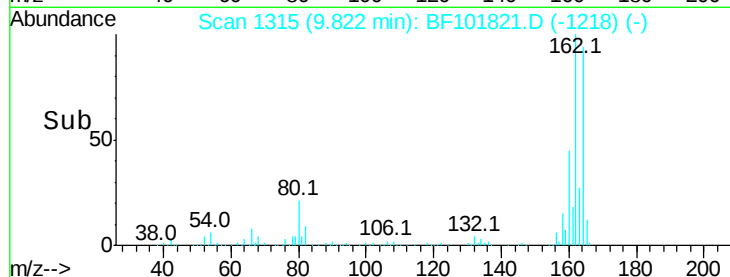
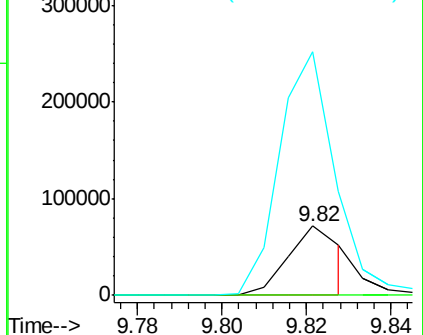
164 351.5 8.2 12.2#



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



#50

2,6-Dinitrotoluene

Concen: 7.802 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.19 min

Lab File: BF101821.D

Acq: 29 Dec 2017 11:39

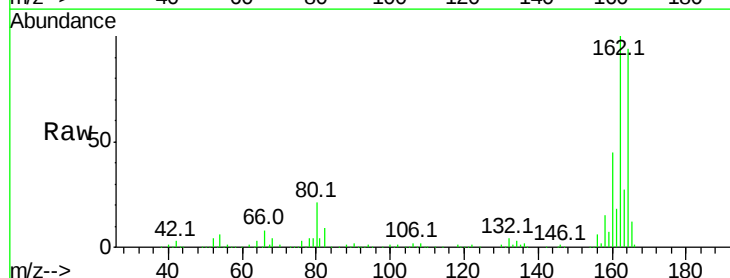
Tgt Ion:165 Resp: 30801

Ion Ratio Lower Upper

165 100

63 2.0 44.7 67.1#

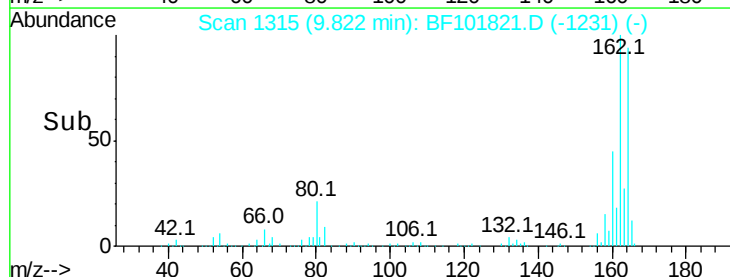
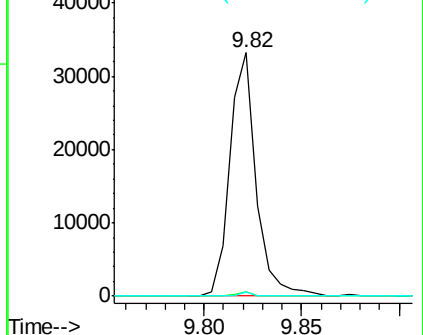
89 1.5 44.0 66.0#

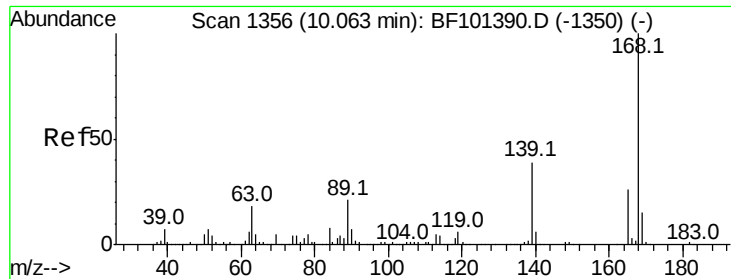


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

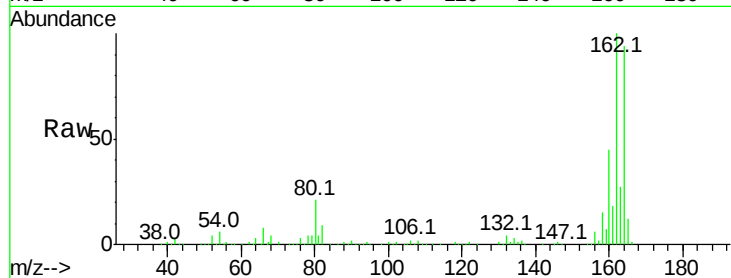




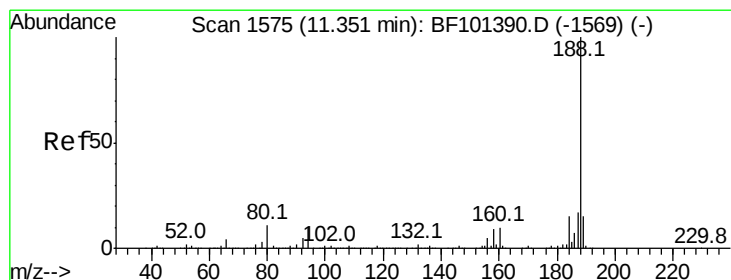
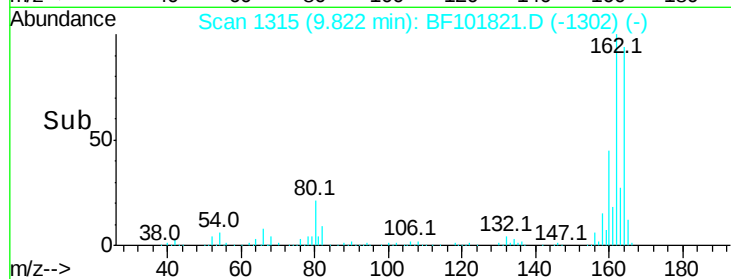
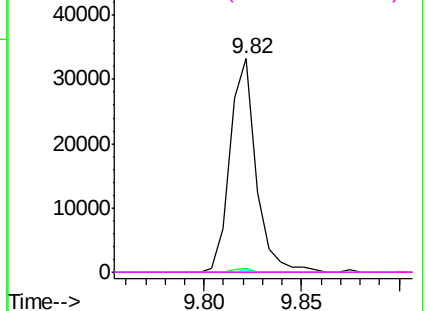
#56
2,4-Dinitrotoluene
Concen: 6.925 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF101821.D
Acq: 29 Dec 2017 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 30801
Ion Ratio Lower Upper
165 100
63 2.0 36.4 54.6#
89 1.5 57.8 86.6#
182 0.0 1.6 2.4#

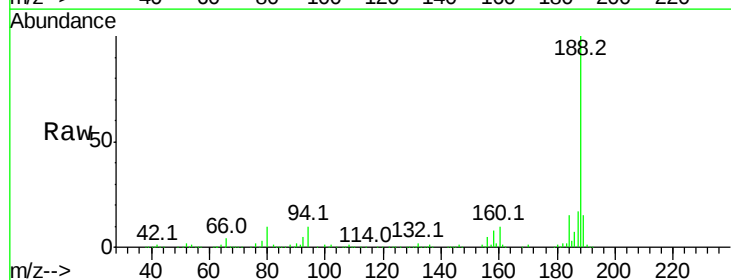


Abundance Ion 165.00 (164.70 to 165.70): E

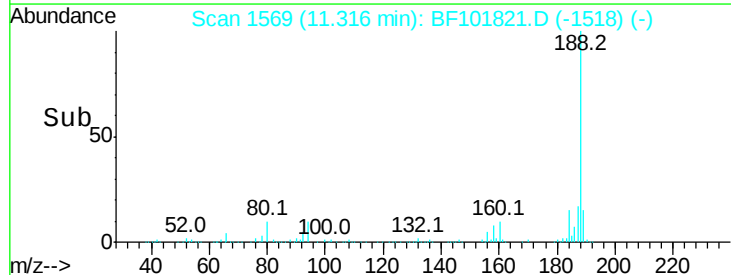
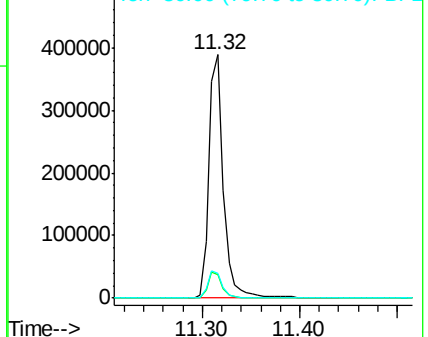


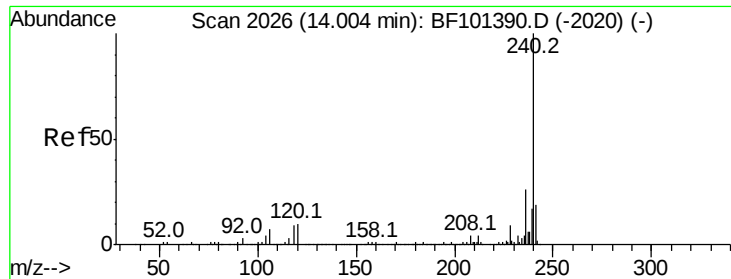
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101821.D
Acq: 29 Dec 2017 11:39

Tgt Ion:188 Resp: 402533
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.4 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF101821.D

Acq: 29 Dec 2017 11:39

Instrument :

BNA_F

ClientSampleId :

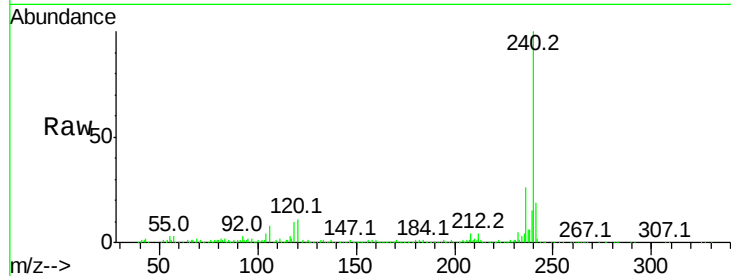
Tot Ion:240 Resp: 273219

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

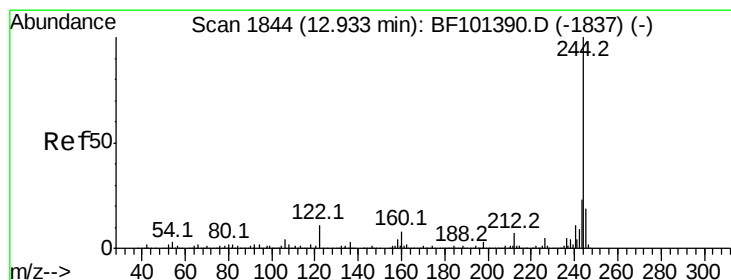
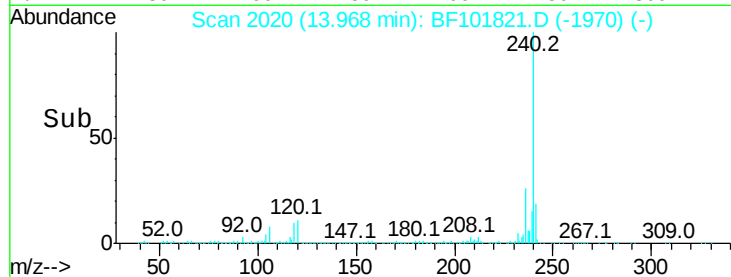
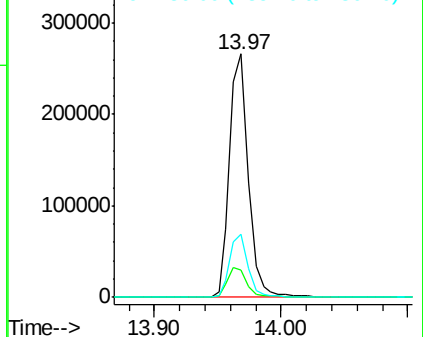
236 25.7 20.7 31.1



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: 1.789 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF101821.D

Acq: 29 Dec 2017 11:39

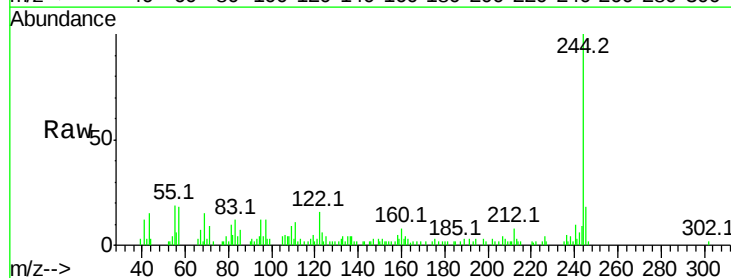
Tgt Ion:244 Resp: 20271

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.0

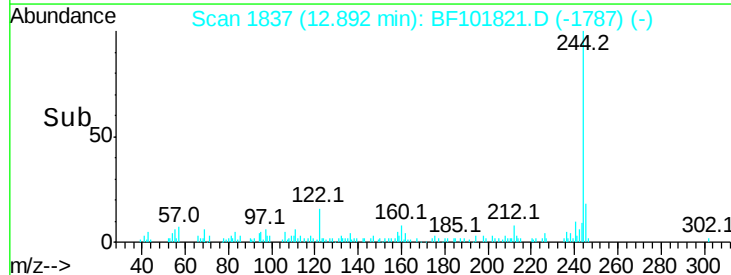
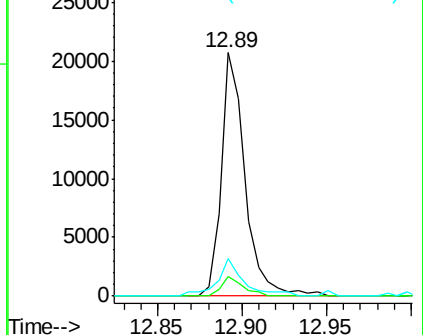
122 15.5 11.0 16.4

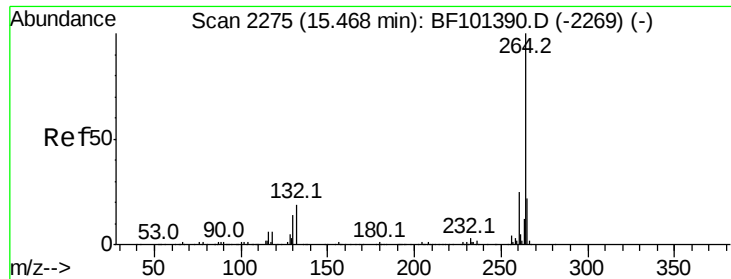


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF101821.D
Acq: 29 Dec 2017 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.3	17.5	26.3

