

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
 Data File : BF104594.D
 Acq On : 18 Apr 2018 11:58
 Operator : JU/SJ
 Sample : J2408-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NAA-WS-006

Quant Time: Apr 18 12:48:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 18 11:52:19 2018
 Response via : Initial Calibration

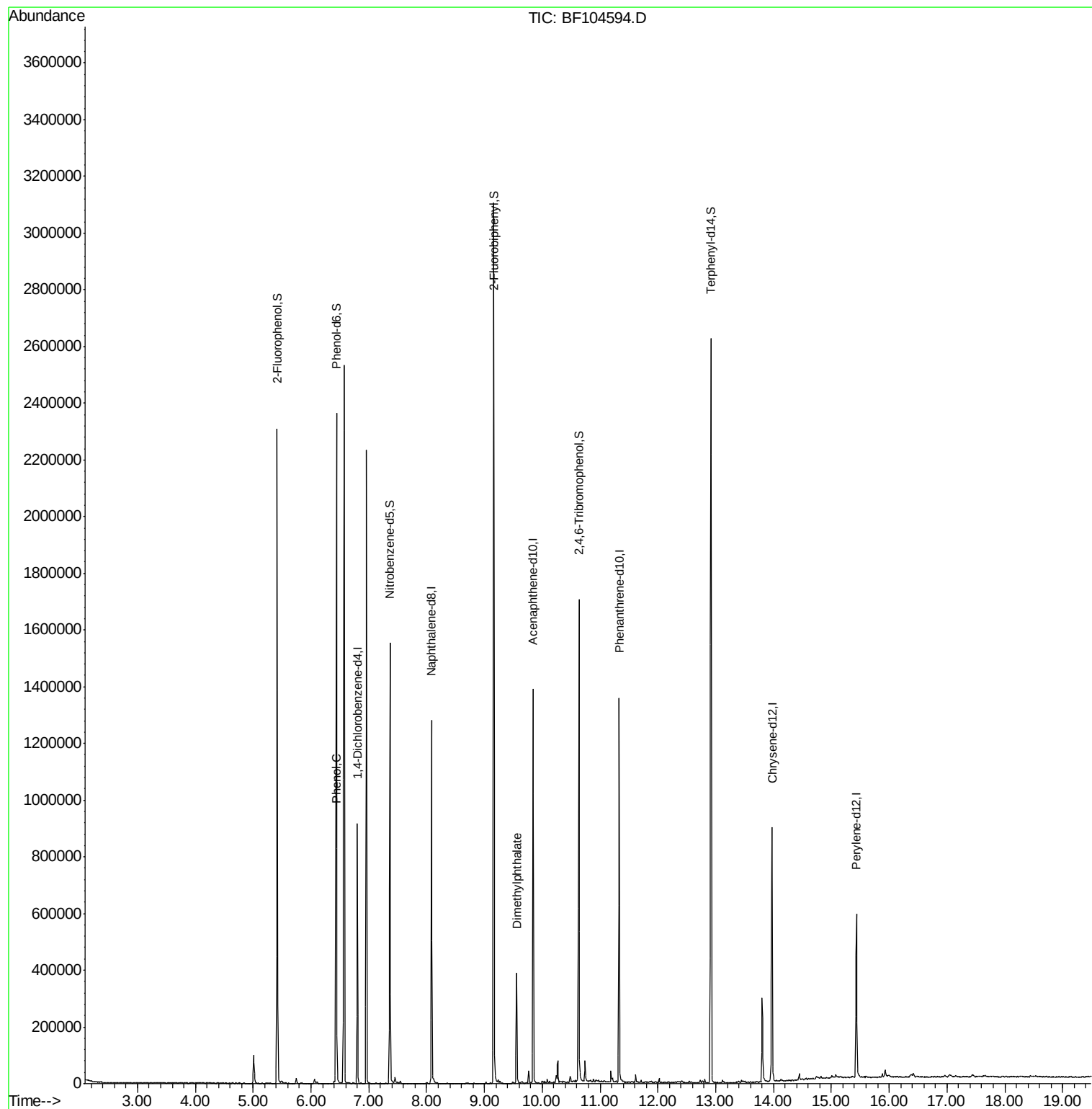
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	138282	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	572400	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	262363	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	464246	20.00	ng	0.00
75) Chrysene-d12	13.97	240	317466	20.00	ng	0.00
86) Perylene-d12	15.43	264	258285	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	707511	78.23	ng	0.00
7) Phenol-d6	6.44	99	855355	76.98	ng	0.00
23) Nitrobenzene-d5	7.37	82	534983	61.03	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	219911	80.80	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	963767	58.03	ng	0.00
78) Terphenyl-d14	12.92	244	922637	66.26	ng	0.00
Target Compounds						
10) Phenol	6.45	94	36836	3.124	ng	91
49) Dimethylphthalate	9.56	163	176079	8.511	ng	98

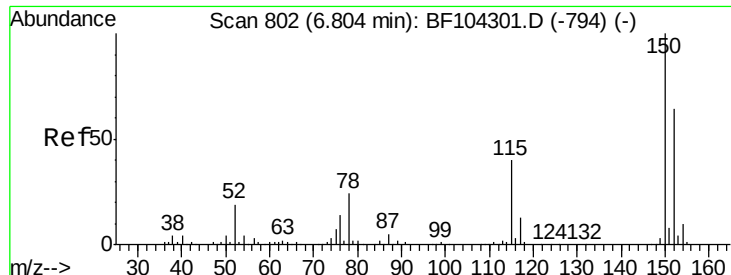
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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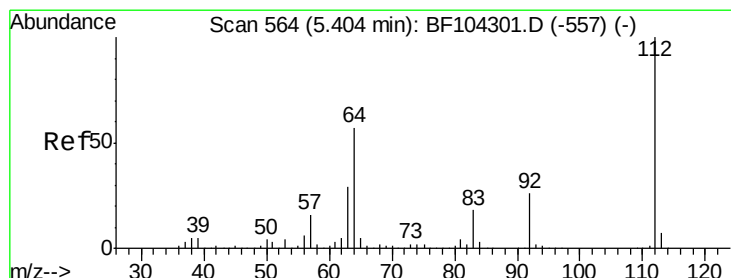
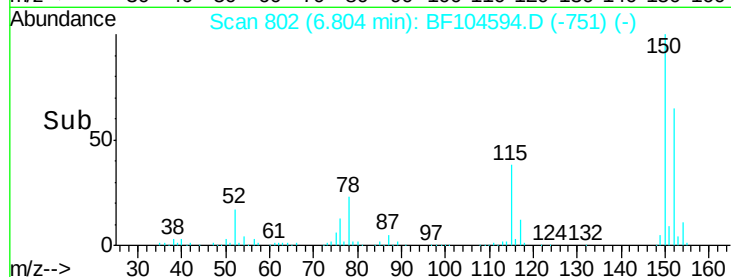
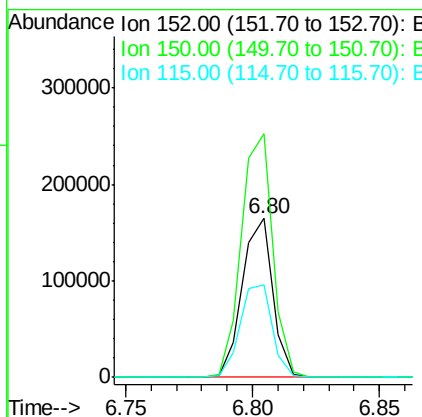
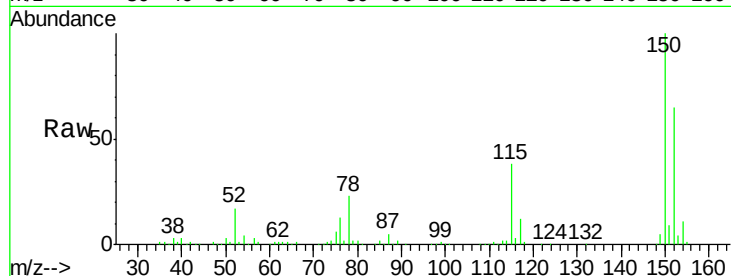


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104594.D
Acq: 18 Apr 2018 11:58

Instrument :
BNA_F
ClientSampleId :
NAA-WS-006

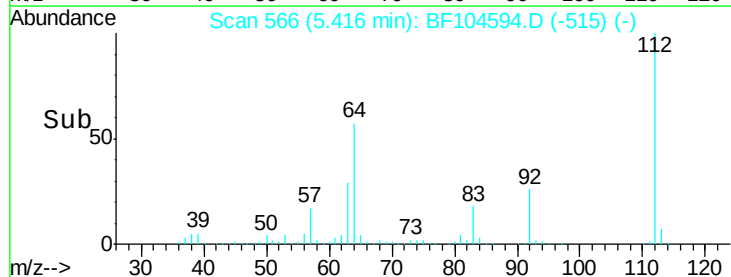
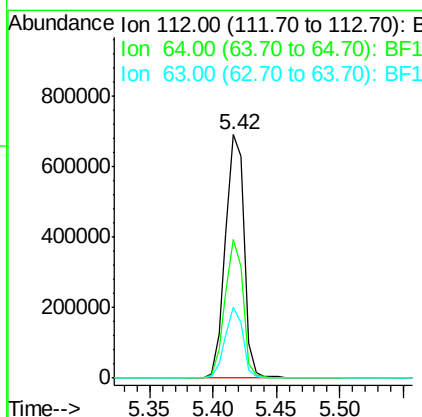
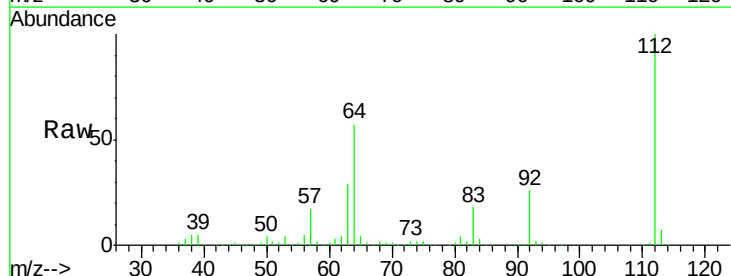
Tot Ion:152 Resp: 138282
Ion Ratio Lower Upper
152 100
150 153.5 124.6 186.8
115 58.7 50.1 75.1

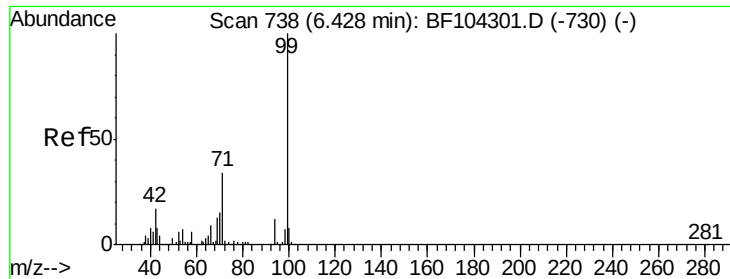


#5

2-Fluorophenol
Concen: 78.233 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF104594.D
Acq: 18 Apr 2018 11:58

Tgt Ion:112 Resp: 707511
Ion Ratio Lower Upper
112 100
64 57.1 47.9 71.9
63 29.3 23.7 35.5





#7

Phenol-d6

Concen: 76.978 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF104594.D

Acq: 18 Apr 2018 11:58

Instrument :

BNA_F

ClientSampleId :

NAA-WS-006

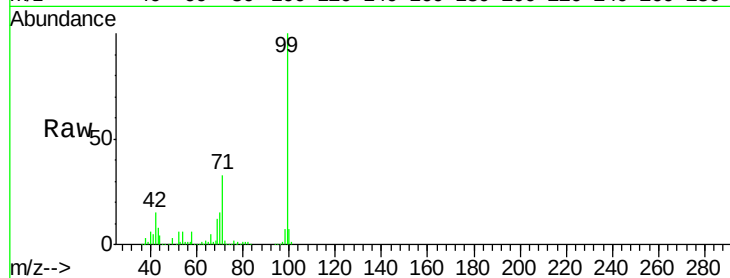
Tot Ion: 99 Resp: 855355

Ion Ratio Lower Upper

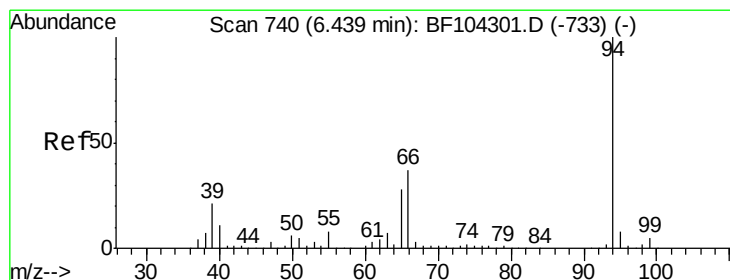
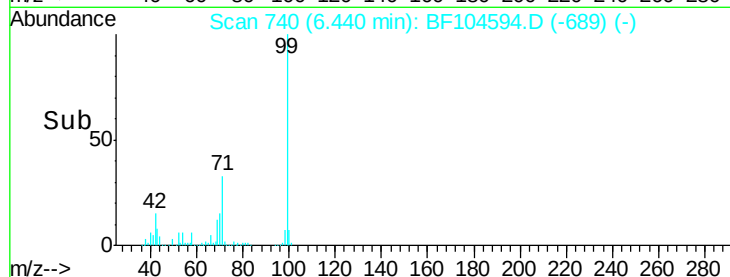
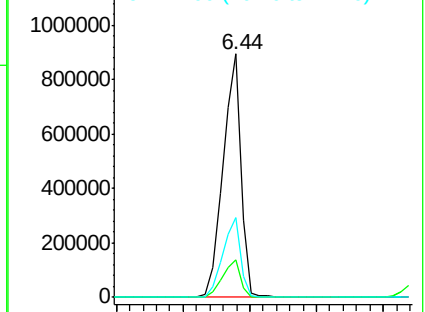
99 100

42 15.4 14.5 21.7

71 32.8 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



#10

Phenol

Concen: 3.124 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF104594.D

Acq: 18 Apr 2018 11:58

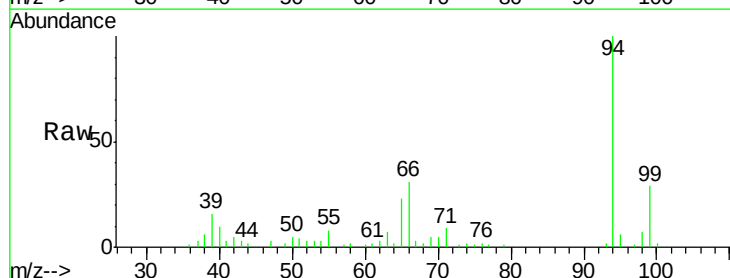
Tgt Ion: 94 Resp: 36836

Ion Ratio Lower Upper

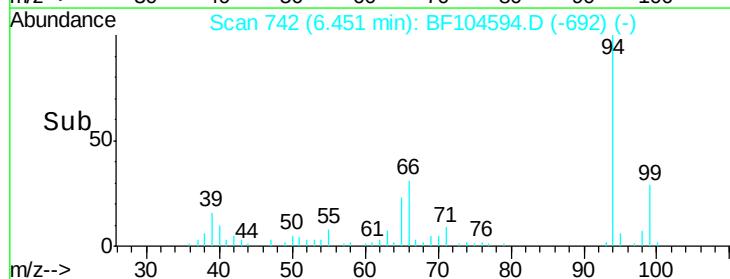
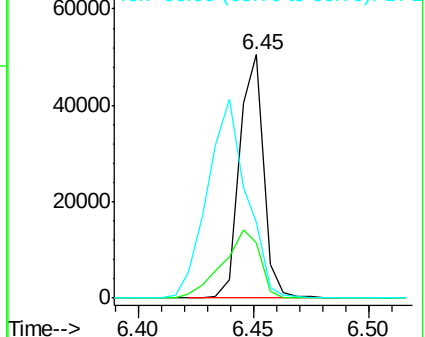
94 100

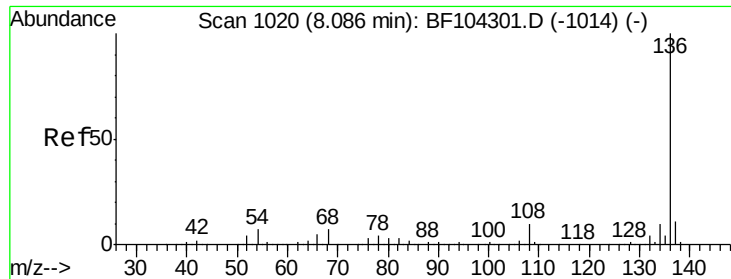
65 23.0 7.9 47.9

66 31.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

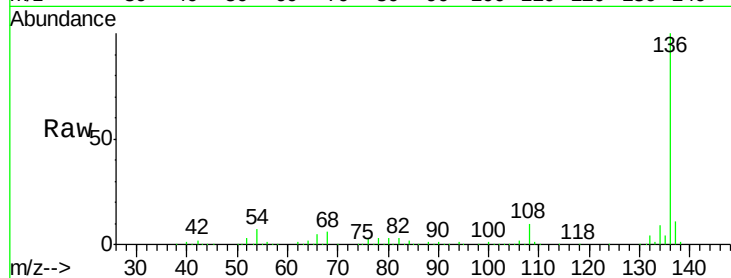




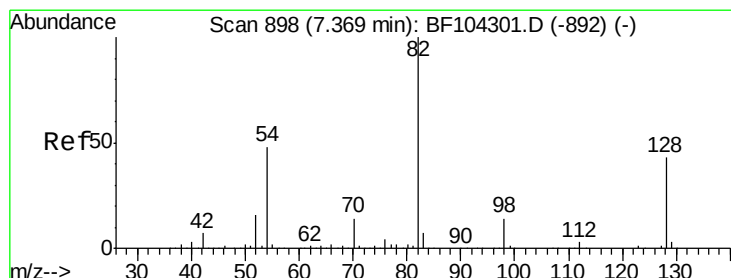
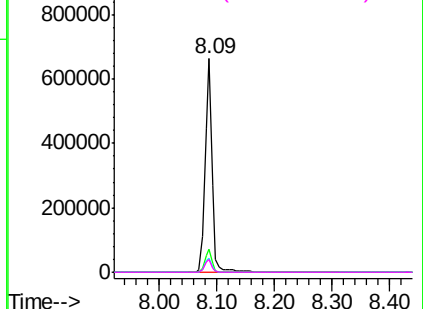
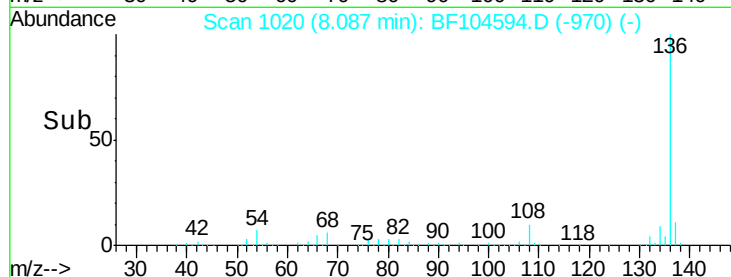
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104594.D
Acq: 18 Apr 2018 11:58

Instrument :
BNA_F
ClientSampleId :
NAA-WS-006

Tot Ion:136	Resp:	572400
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.9 13.3
54	6.7	6.6 9.8
68	6.0	5.0 7.4

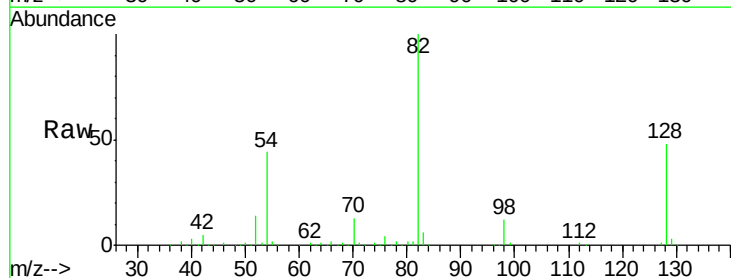


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

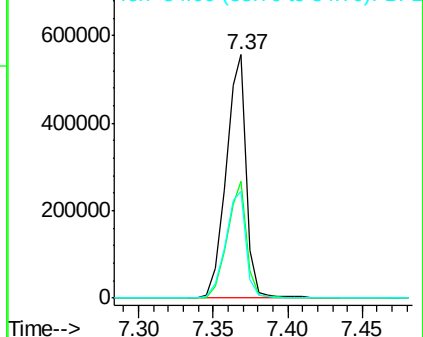
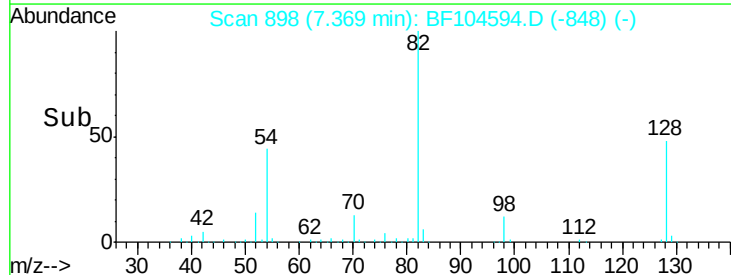


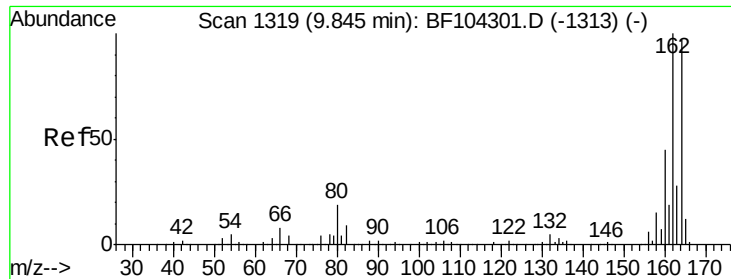
#23
Nitrobenzene-d5
Concen: 61.030 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104594.D
Acq: 18 Apr 2018 11:58

Tgt Ion: 82	Resp:	534983
Ion	Ratio	Lower Upper
82	100	
128	47.8	36.1 54.1
54	43.7	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

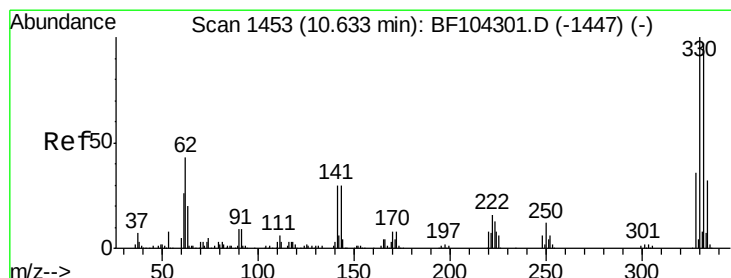
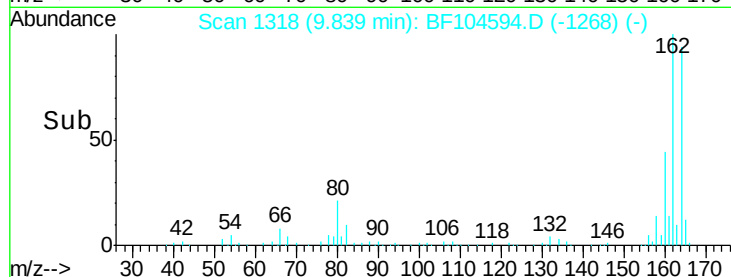
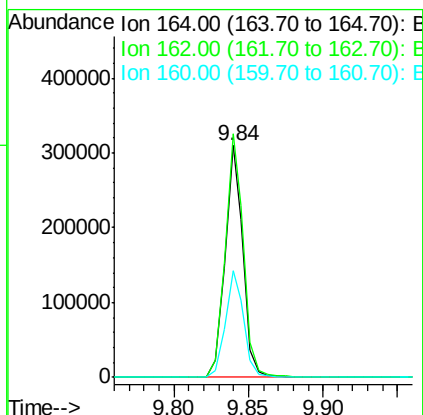
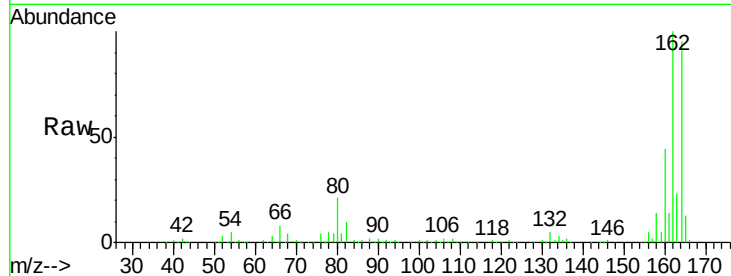




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104594.D
Acq: 18 Apr 2018 11:58

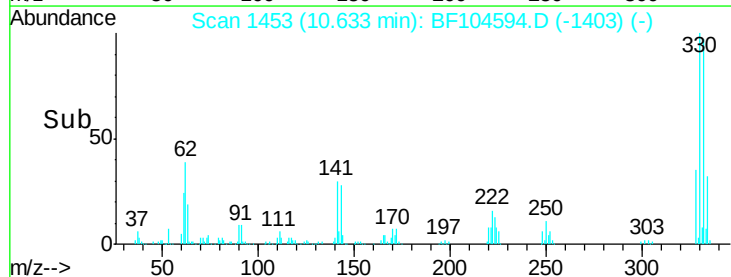
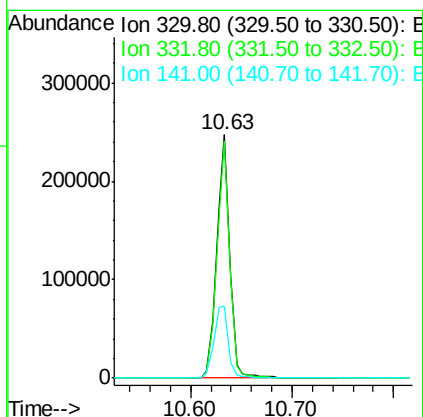
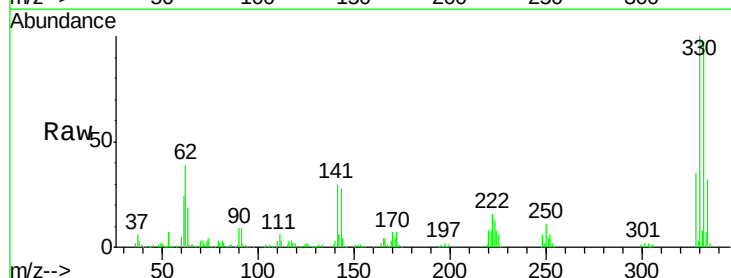
Instrument :
BNA_F
ClientSampleId :
NAA-WS-006

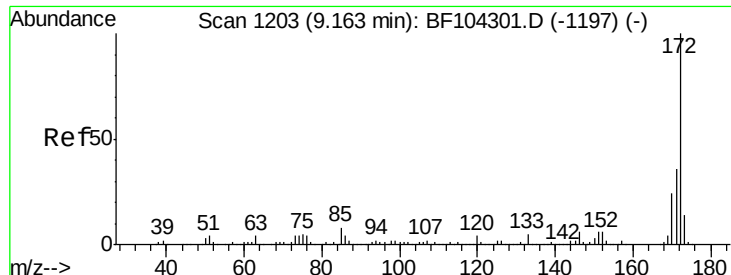
Tot Ion:164 Resp: 262363
Ion Ratio Lower Upper
164 100
162 104.9 86.1 129.1
160 46.1 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 80.803 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104594.D
Acq: 18 Apr 2018 11:58

Tgt Ion:330 Resp: 219911
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 33.3 29.9 44.9

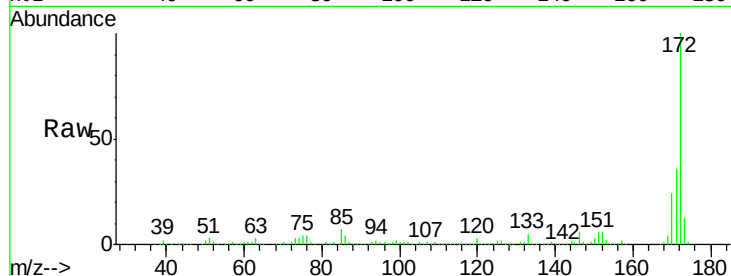




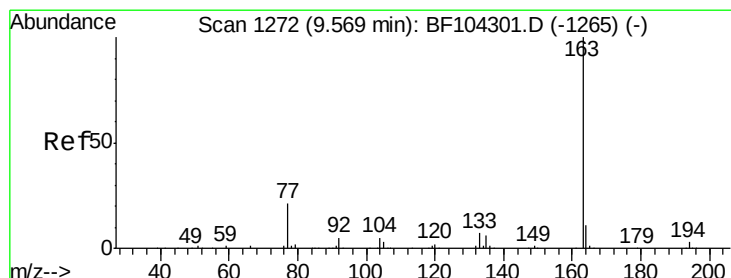
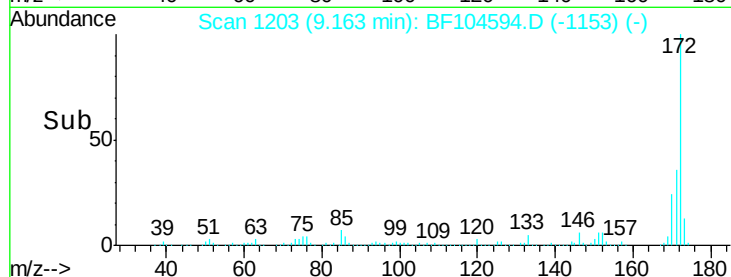
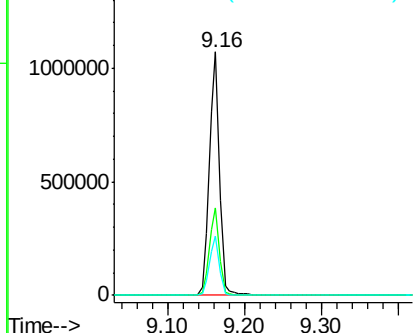
#44
2-Fluorobiphenyl
Concen: 58.031 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF104594.D
Acq: 18 Apr 2018 11:58

Instrument :
BNA_F
ClientSampleId :
NAA-WS-006

Tot Ion:172 Resp: 963767
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.2 19.6 29.4

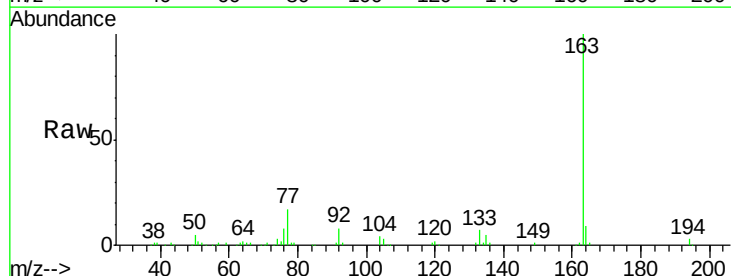


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

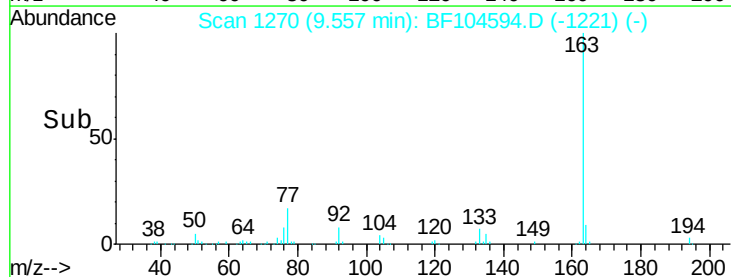
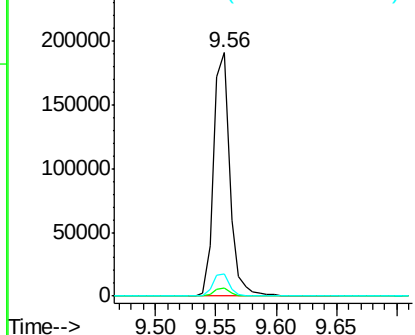


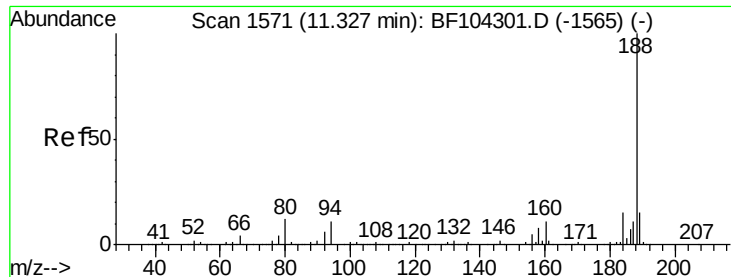
#49
Dimethylphthalate
Concen: 8.511 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104594.D
Acq: 18 Apr 2018 11:58

Tgt Ion:163 Resp: 176079
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.3 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

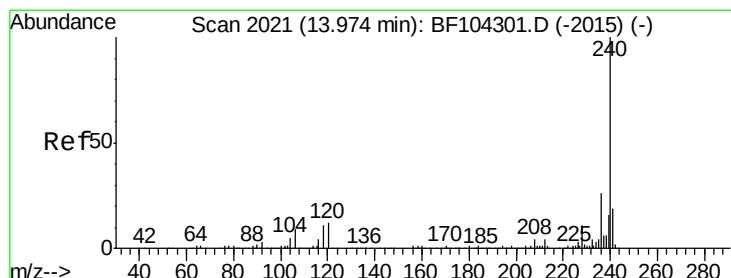
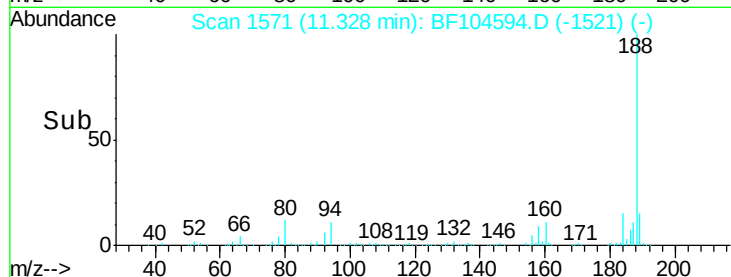
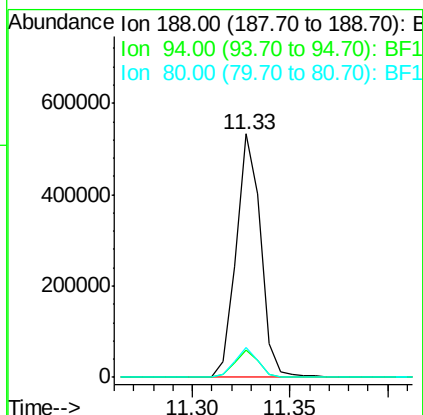
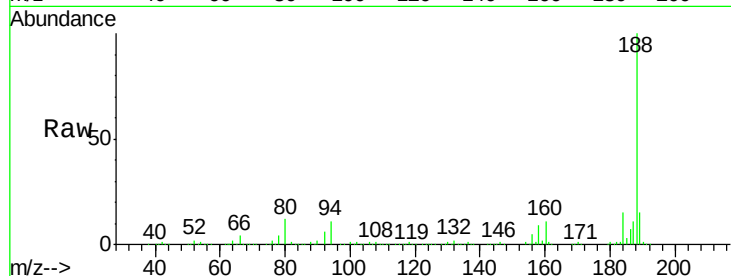




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104594.D
Acq: 18 Apr 2018 11:58

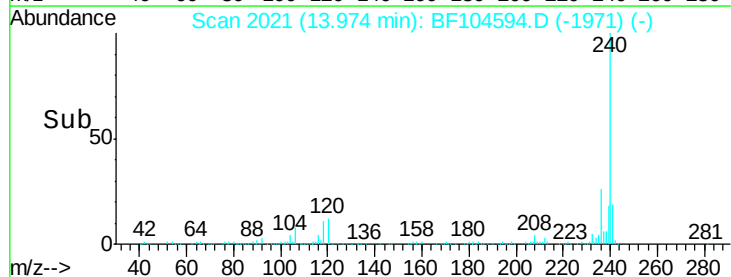
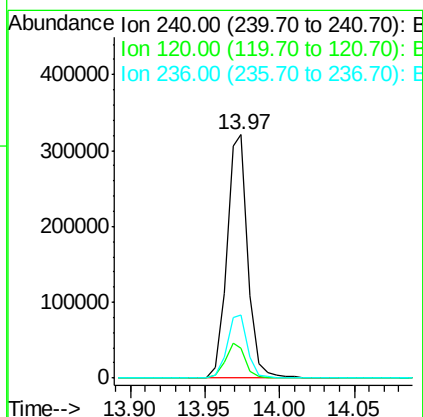
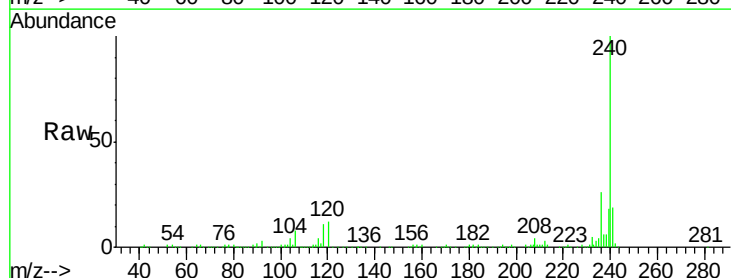
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NAA-WS-006

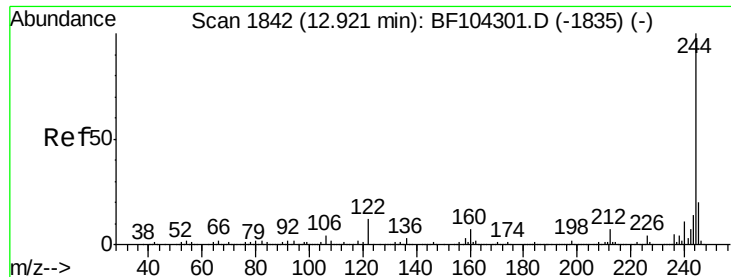
Tot Ion:188 Resp: 464246
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 12.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104594.D
Acq: 18 Apr 2018 11:58

Tgt Ion:240 Resp: 317466
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 25.9 20.7 31.1

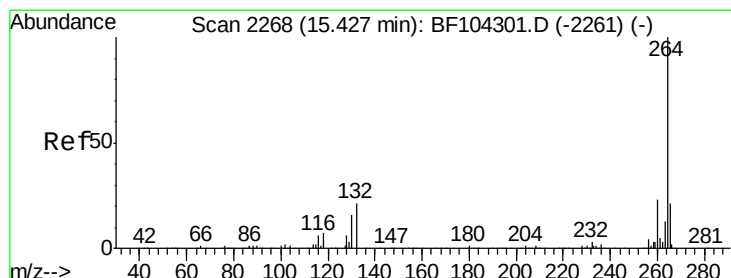
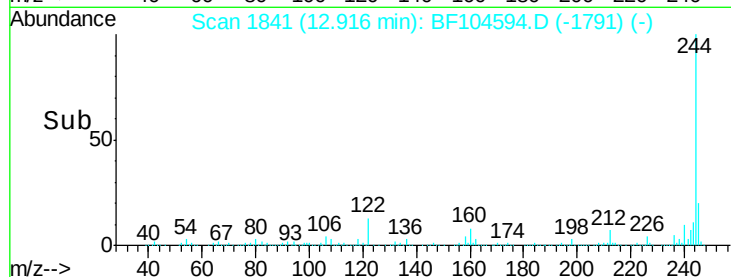
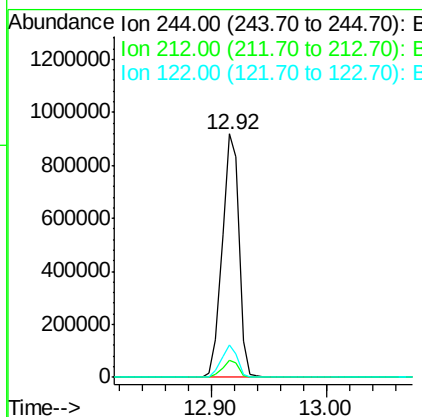
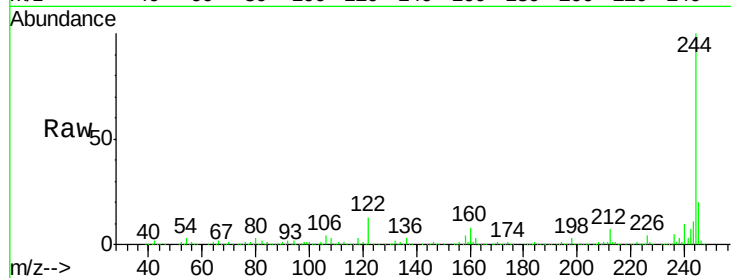




#78
 Terphenyl-d14
 Concen: 66.258 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104594.D
 Acq: 18 Apr 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 NAA-WS-006

Tot Ion:244 Resp: 922637
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF104594.D
 Acq: 18 Apr 2018 11:58

Tgt Ion:264 Resp: 258285
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 20.8 17.5 26.3

