

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
 Data File : BF102243.D
 Acq On : 20 Jan 2018 3:19
 Operator : SJ/JU
 Sample : J1114-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-27-2.0-2.5

Quant Time: Jan 20 05:23:33 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

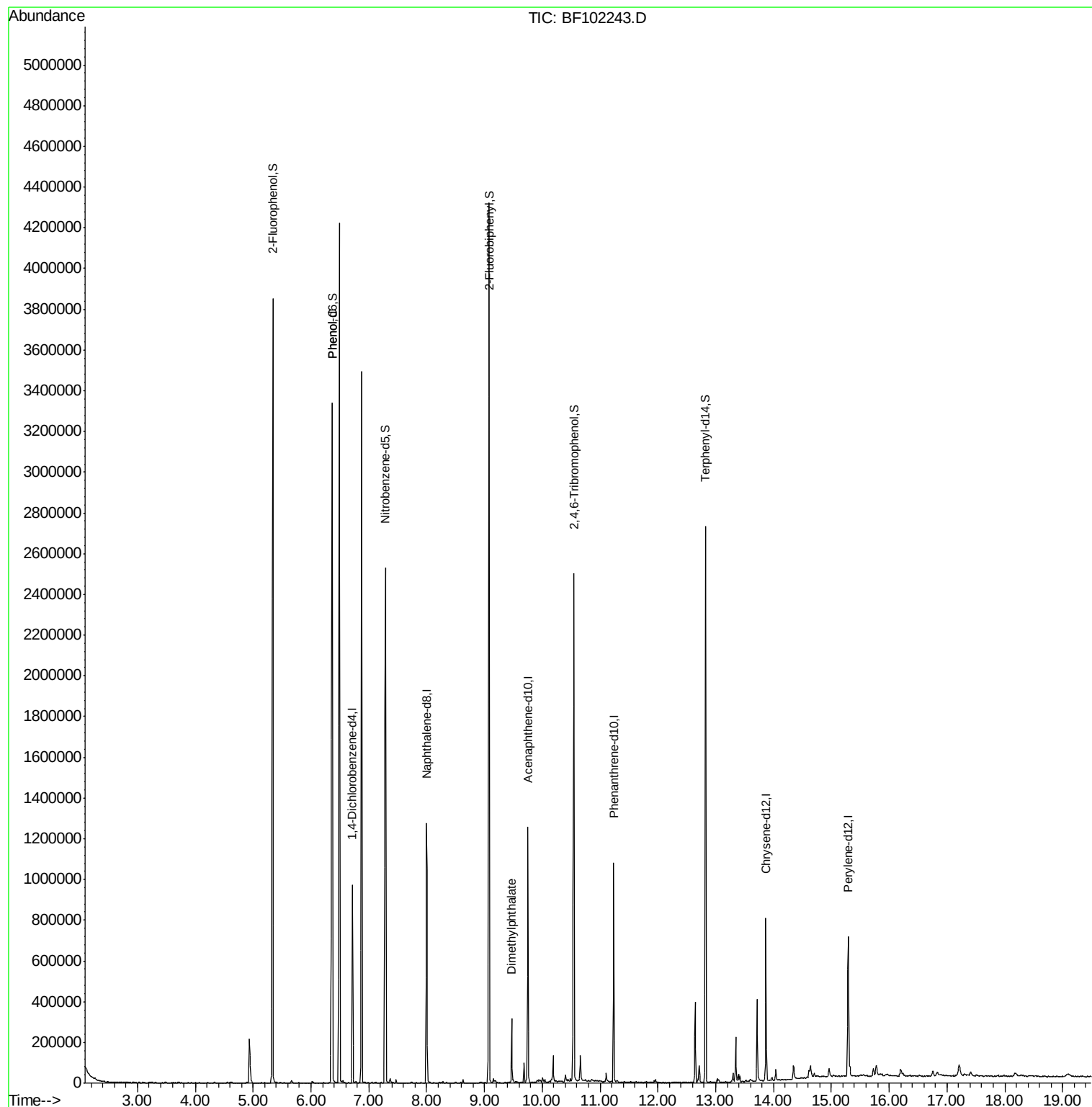
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	140894	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	576925	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	245834	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	377717	20.00	ng	0.00
75) Chrysene-d12	13.87	240	260621	20.00	ng	0.00
86) Perylene-d12	15.29	264	270163	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1246265	124.90	ng	0.01
7) Phenol-d6	6.37	99	1512418	127.05	ng	0.00
23) Nitrobenzene-d5	7.29	82	973709	99.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	300535	140.09	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1434308	91.15	ng	0.00
78) Terphenyl-d14	12.83	244	962154	76.65	ng	0.00
Target Compounds						
10) Phenol	6.37	94	40370	3.001	ng	94
49) Dimethylphthalate	9.47	163	129218	6.552	ng	97

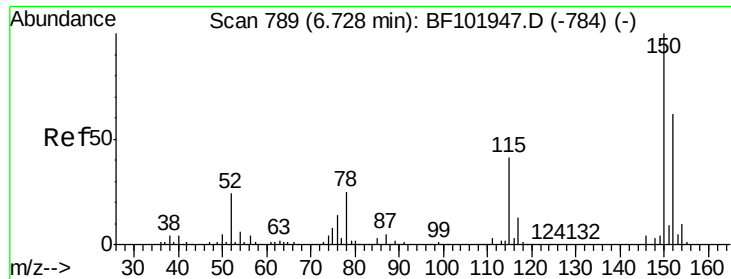
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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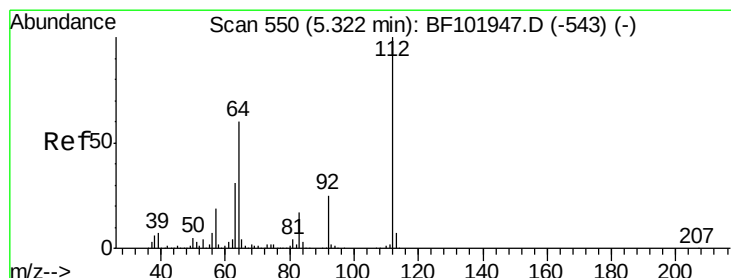
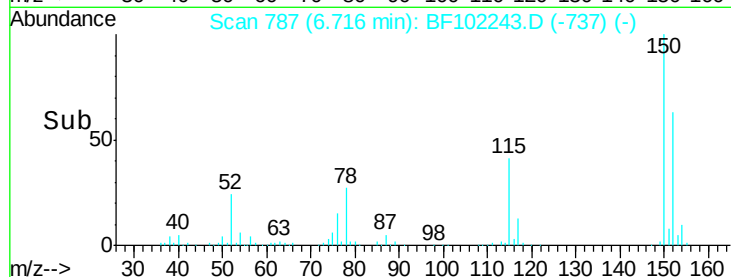
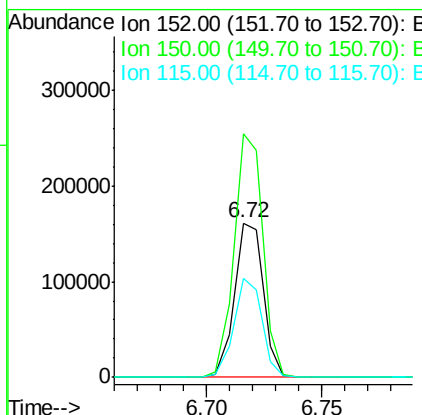
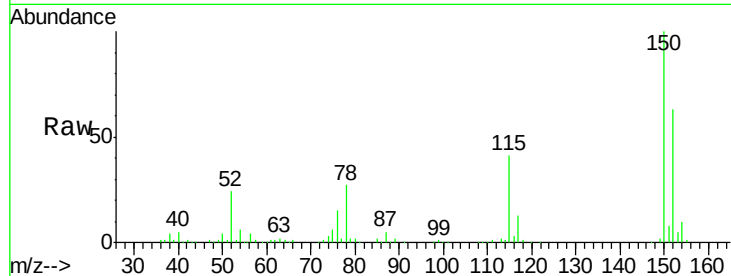


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF102243.D
 Acq: 20 Jan 2018 3:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-27-2.0-2.5

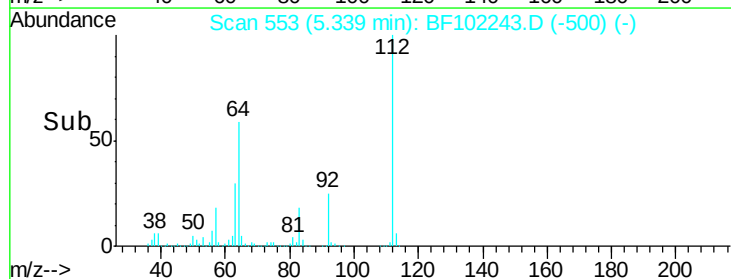
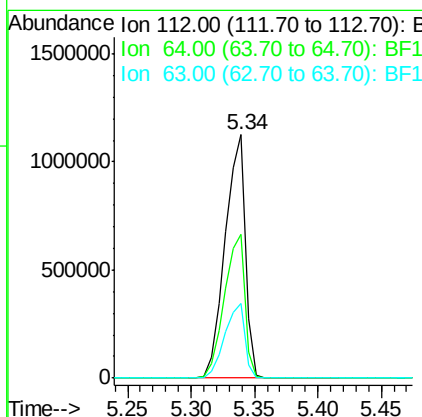
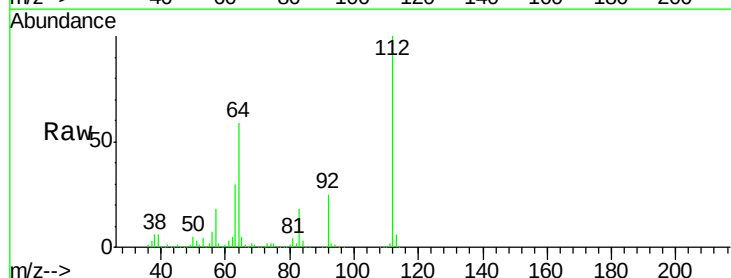
Tot Ion:152 Resp: 140894
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.6 186.8
 115 64.3 50.1 75.1

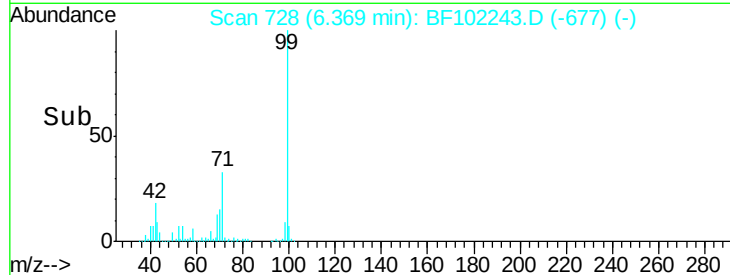
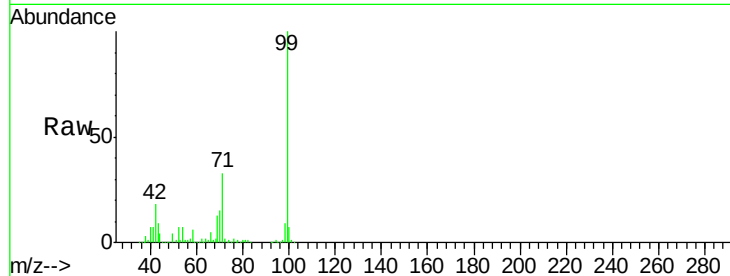
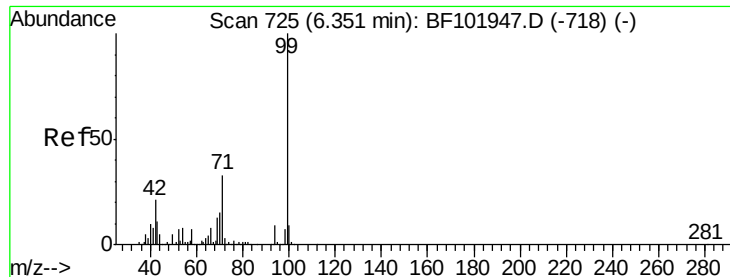


#5

2-Fluorophenol
 Concen: 124.904 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.01 min
 Lab File: BF102243.D
 Acq: 20 Jan 2018 3:19

Tgt Ion:112 Resp: 1246265
 Ion Ratio Lower Upper
 112 100
 64 59.2 47.9 71.9
 63 30.4 23.7 35.5





#7

Phenol-d6

Concen: 127.046 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF102243.D

Acq: 20 Jan 2018 3:19

Instrument :

BNA_F

ClientSampleId :

SB-27-2.0-2.5

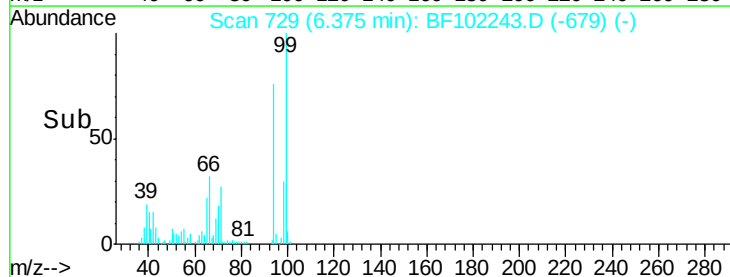
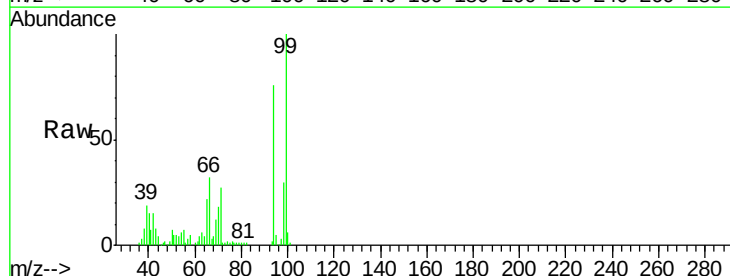
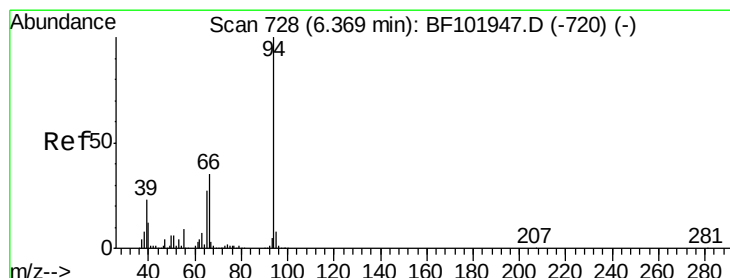
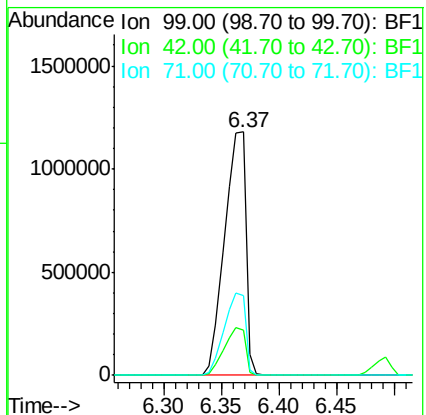
Tot Ion: 99 Resp: 1512418

Ion Ratio Lower Upper

99 100

42 18.3 14.5 21.7

71 32.6 25.4 38.0



#10

Phenol

Concen: 3.001 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102243.D

Acq: 20 Jan 2018 3:19

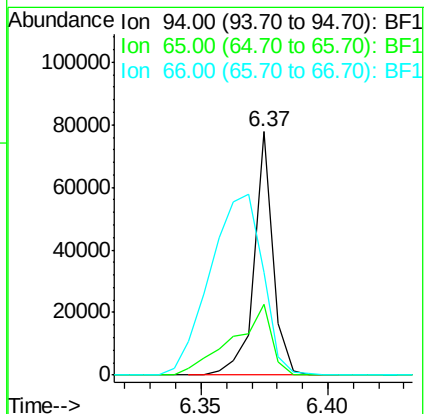
Tgt Ion: 94 Resp: 40370

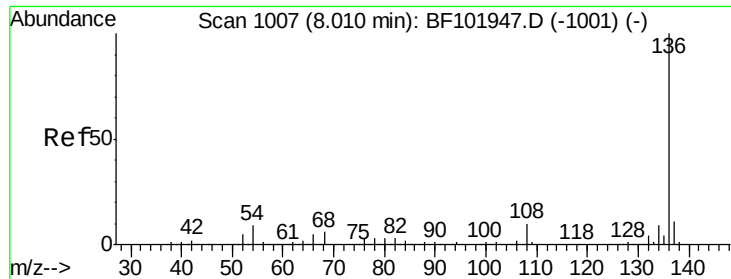
Ion Ratio Lower Upper

94 100

65 28.9 7.9 47.9

66 42.1 16.2 56.2

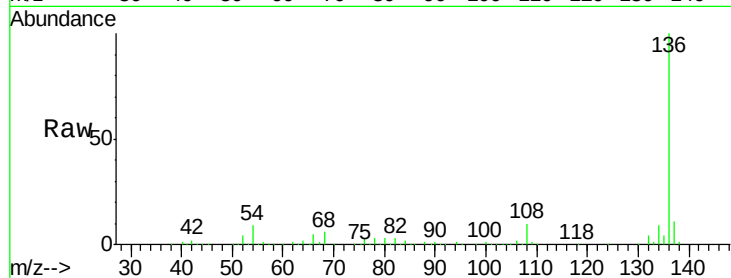




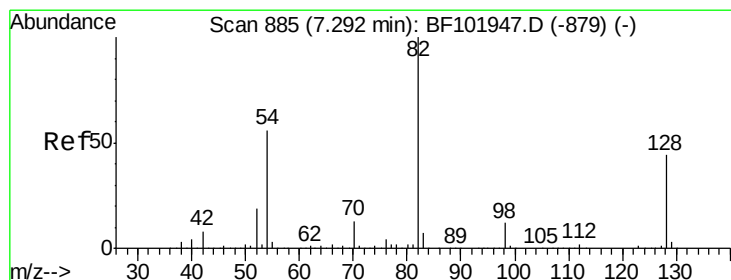
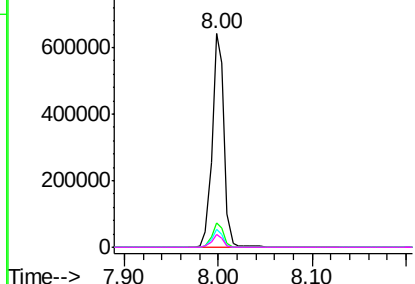
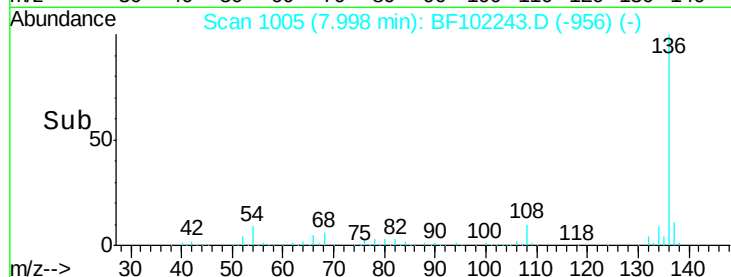
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102243.D
Acq: 20 Jan 2018 3:19

Instrument :
BNA_F
ClientSampleId :
SB-27-2.0-2.5

Tot Ion:136	Resp:	576925
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	8.6	6.6 9.8
68	5.7	5.0 7.4

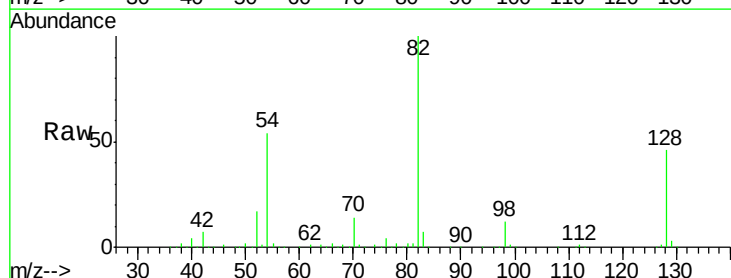


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

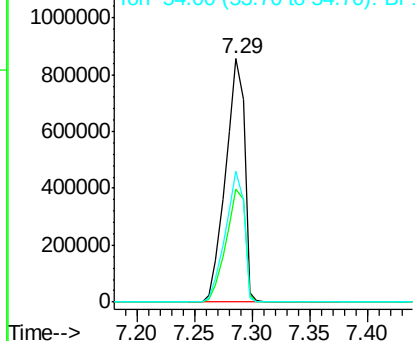
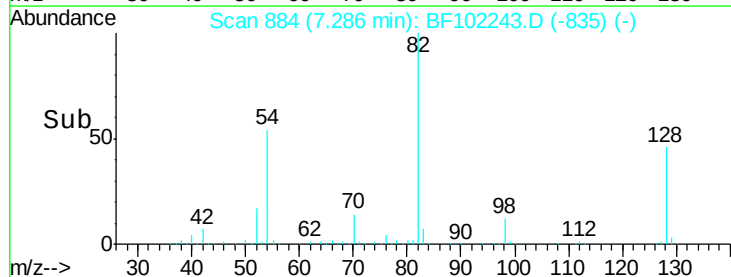


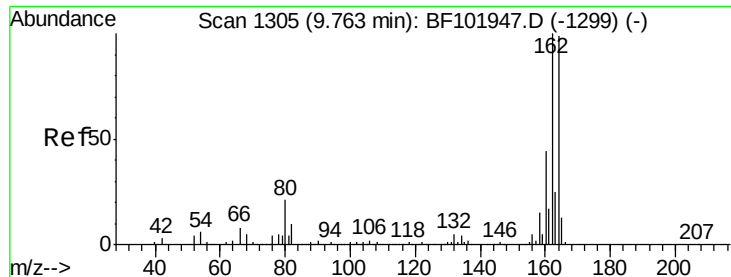
#23
Nitrobenzene-d5
Concen: 99.179 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102243.D
Acq: 20 Jan 2018 3:19

Tgt Ion: 82	Resp:	973709
Ion Ratio	Lower	Upper
82	100	
128	46.4	36.1 54.1
54	53.9	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: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102243.D

Acq: 20 Jan 2018 3:19

Instrument :

BNA_F

ClientSampleId :

SB-27-2.0-2.5

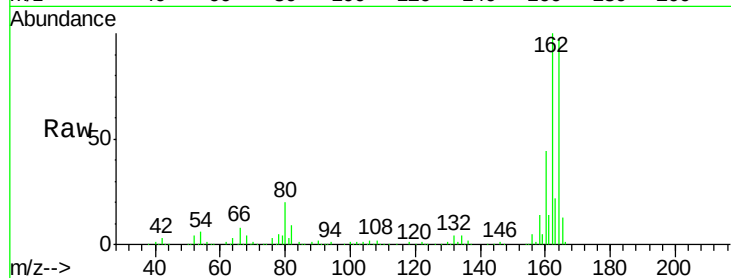
Tot Ion:164 Resp: 245834

Ion Ratio Lower Upper

164 100

162 102.7 86.1 129.1

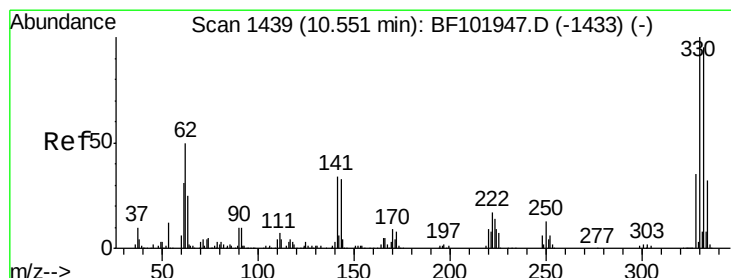
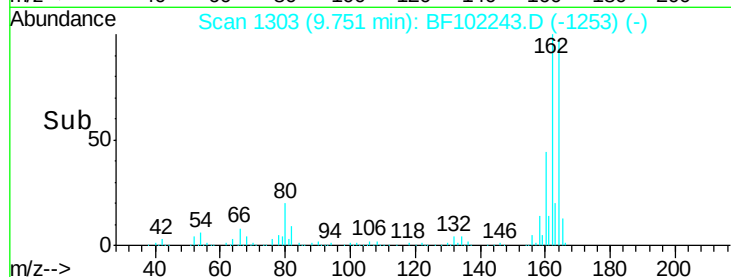
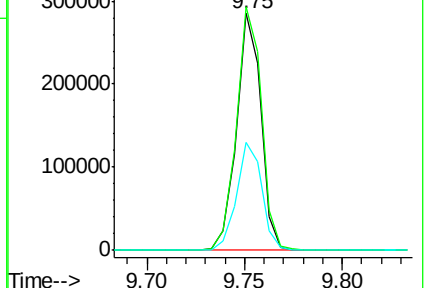
160 45.5 38.3 57.5



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: 140.086 ng

RT: 10.54 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF102243.D

Acq: 20 Jan 2018 3:19

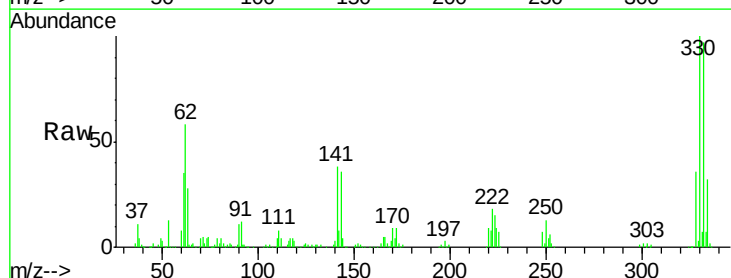
Tgt Ion:330 Resp: 300535

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

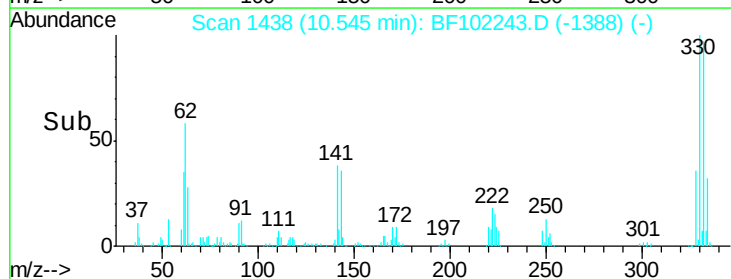
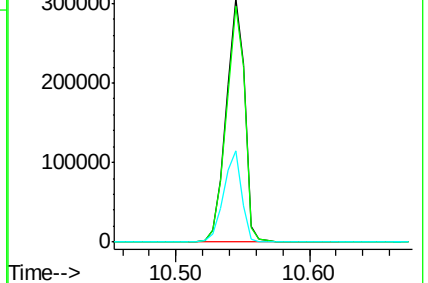
141 36.7 29.9 44.9

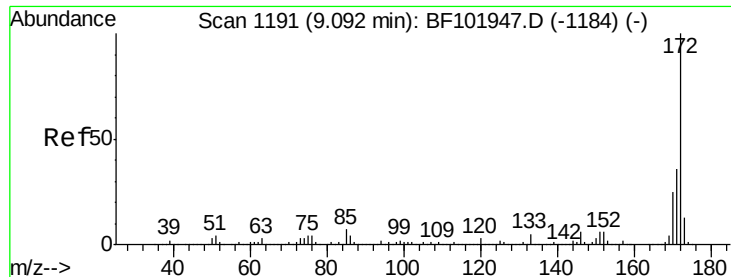


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

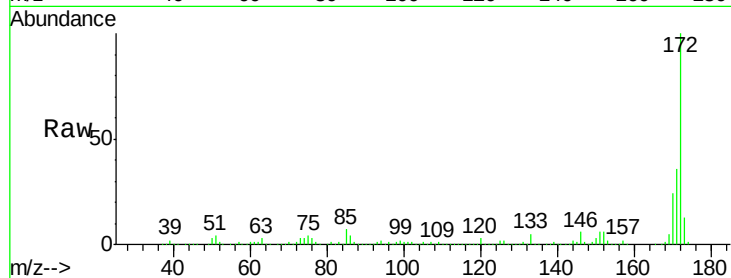




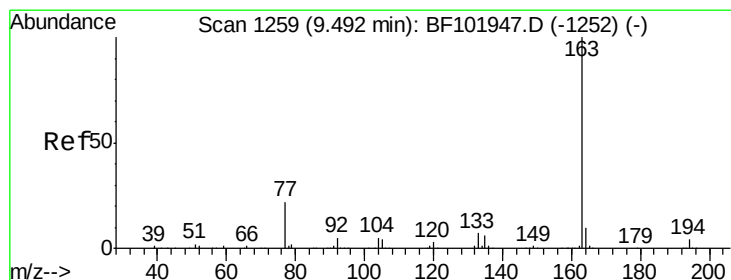
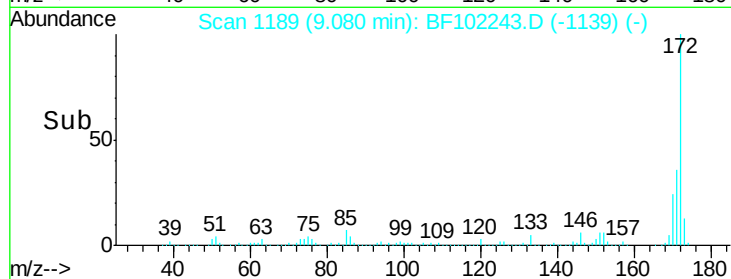
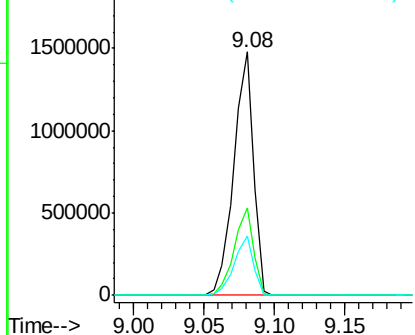
#44
2-Fluorobiphenyl
Concen: 91.150 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102243.D
Acq: 20 Jan 2018 3:19

Instrument :
BNA_F
ClientSampleId :
SB-27-2.0-2.5

Tot Ion:172 Resp: 1434308
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.2 19.6 29.4

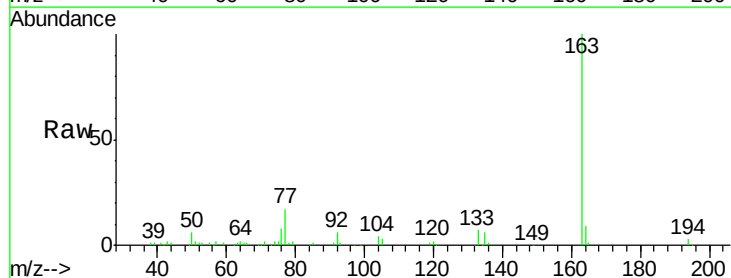


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

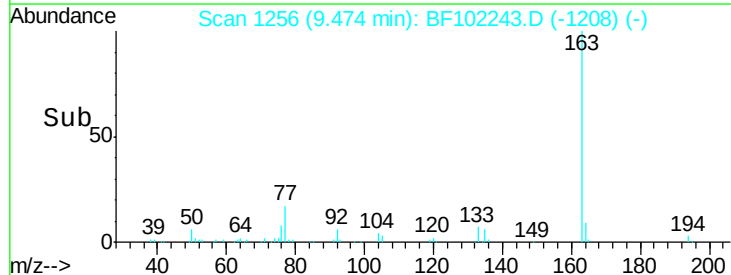
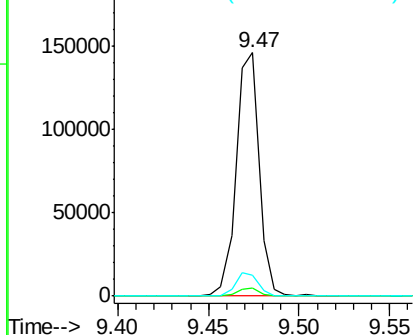


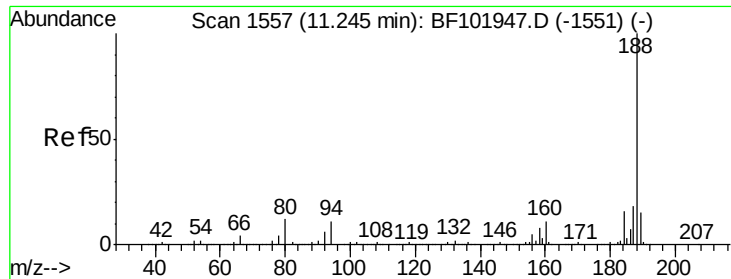
#49
Dimethylphthalate
Concen: 6.552 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102243.D
Acq: 20 Jan 2018 3:19

Tgt Ion:163 Resp: 129218
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 8.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
200000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

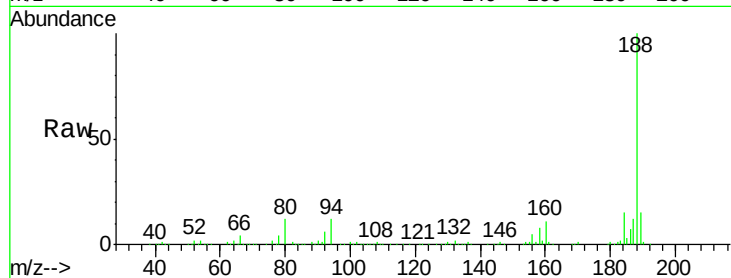




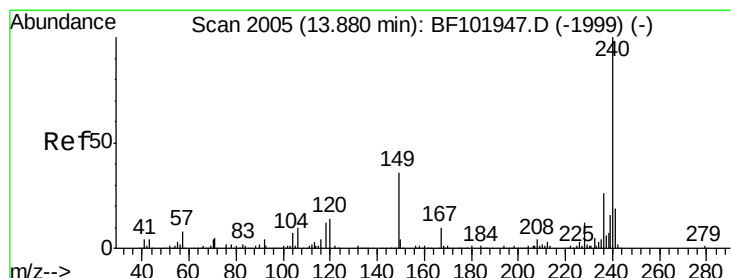
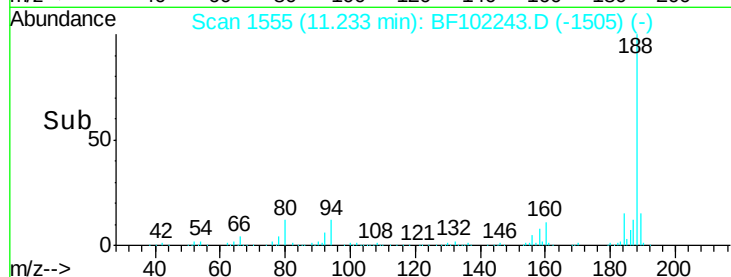
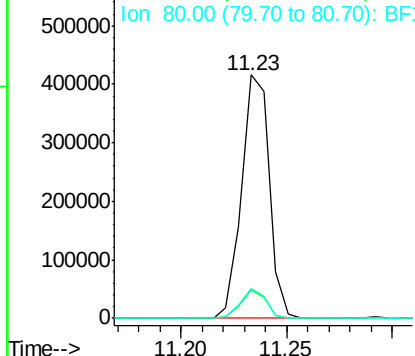
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102243.D
Acq: 20 Jan 2018 3:19

Instrument :
BNA_F
ClientSampled :
SB-27-2.0-2.5

Tot Ion:188 Resp: 377717
Ion Ratio Lower Upper
188 100
94 11.9 8.5 12.7
80 12.2 9.2 13.8

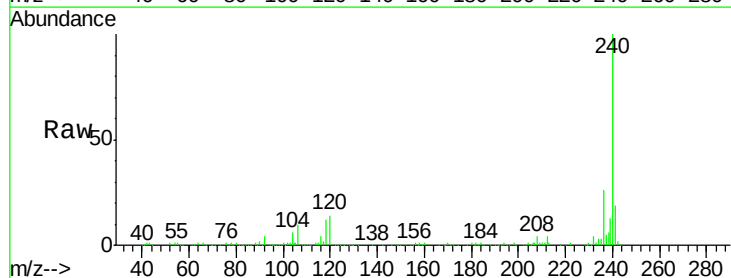


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

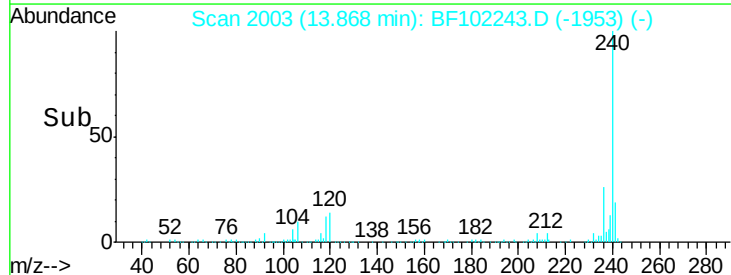
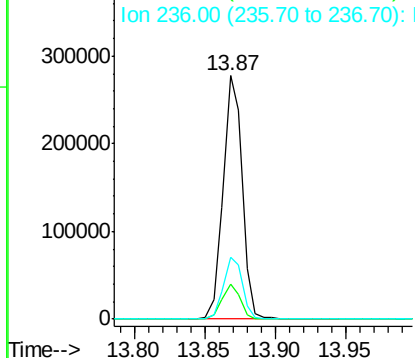


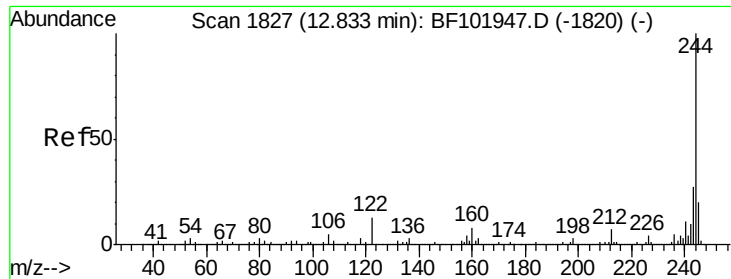
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102243.D
Acq: 20 Jan 2018 3:19

Tgt Ion:240 Resp: 260621
Ion Ratio Lower Upper
240 100
120 14.3 9.5 14.3#
236 25.5 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

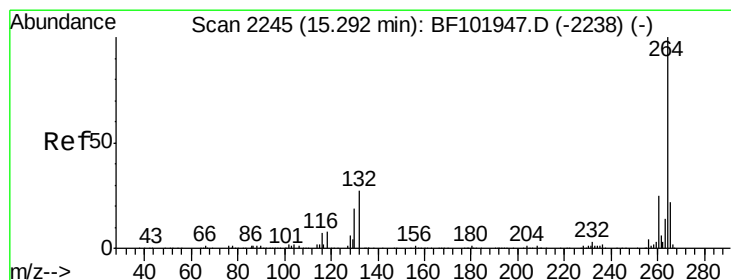
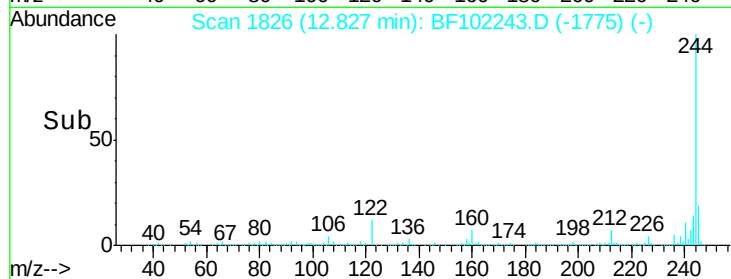
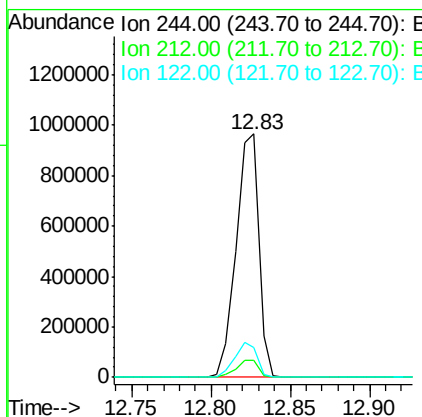
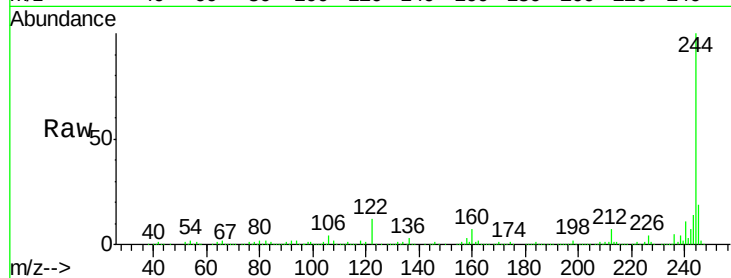




#78
 Terphenyl-d14
 Concen: 76.651 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BF102243.D
 Acq: 20 Jan 2018 3:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-27-2.0-2.5

Tot Ion:244 Resp: 962154
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: BF102243.D
 Acq: 20 Jan 2018 3:19

Tgt Ion:264 Resp: 270163
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.6 17.5 26.3

