

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
 Data File : BF118708.D
 Acq On : 25 Jan 2020 4:02
 Operator : CG/JU
 Sample : L1241-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-14

Quant Time: Jan 27 03:17:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

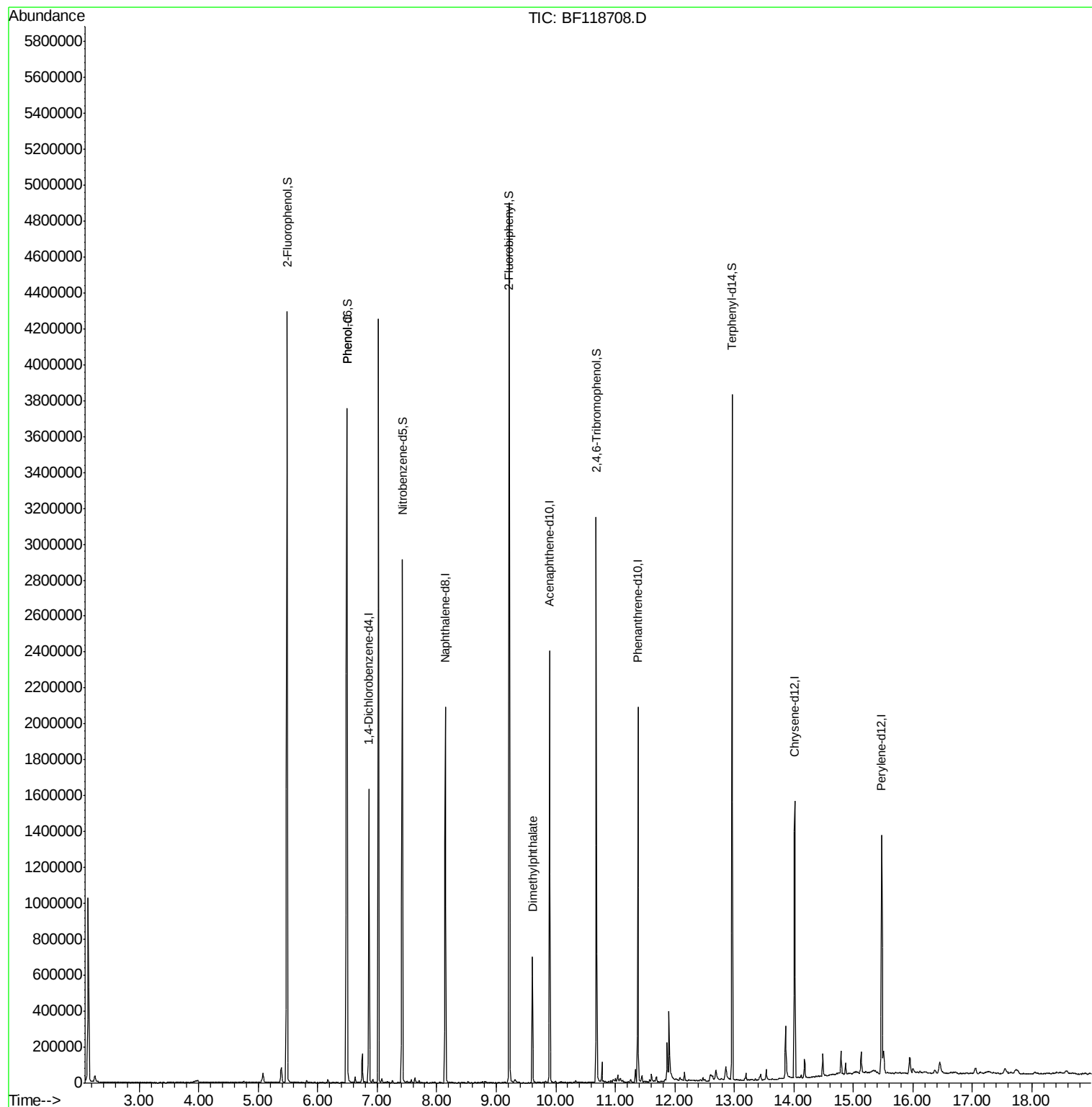
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	239740	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	881390	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	463018	20.00	ng	-0.03
64) Phenanthrene-d10	11.38	188	732639	20.00	ng	-0.03
76) Chrysene-d12	14.02	240	523408	20.00	ng	-0.03
87) Perylene-d12	15.48	264	658168	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1233742	95.58	ng	-0.01
7) Phenol-d6	6.49	99	1509745	89.99	ng	-0.02
23) Nitrobenzene-d5	7.42	82	926615	58.80	ng	-0.02
42) 2,4,6-Tribromophenol	10.69	330	437455	81.68	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	1619352	57.48	ng	-0.03
79) Terphenyl-d14	12.96	244	1316213	54.85	ng	-0.03
Target Compounds						
10) Phenol	6.50	94	42173	2.206	ng	88
50) Dimethylphthalate	9.61	163	289957	9.612	ng	96

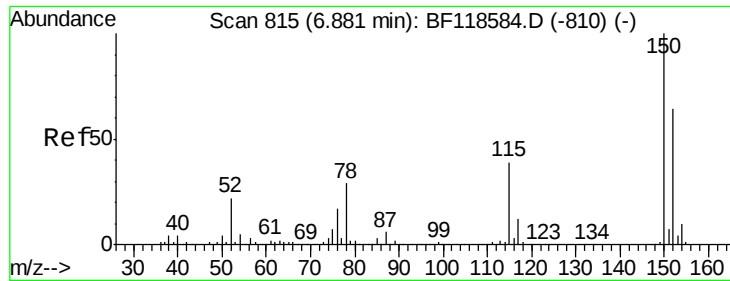
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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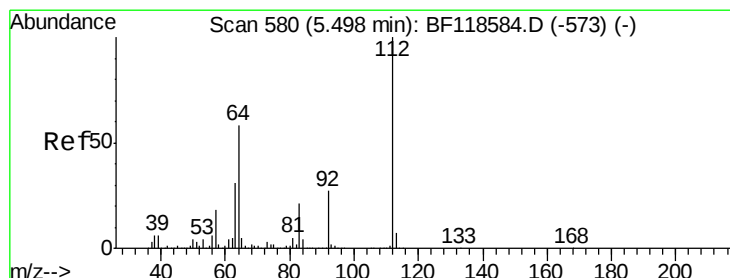
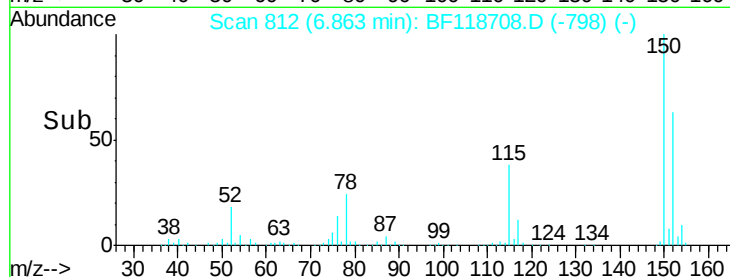
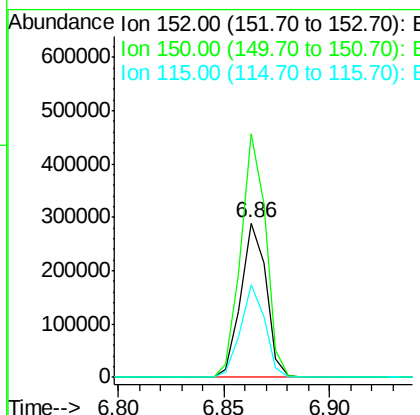
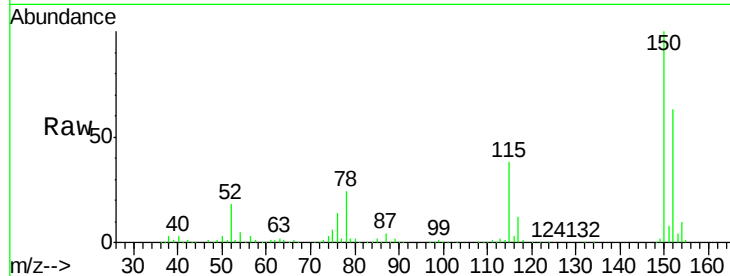




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF118708.D
 Acq: 25 Jan 2020 4:02

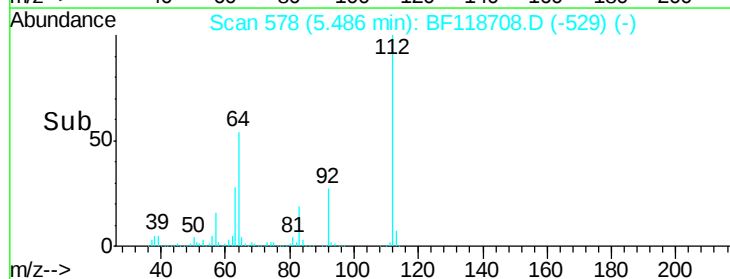
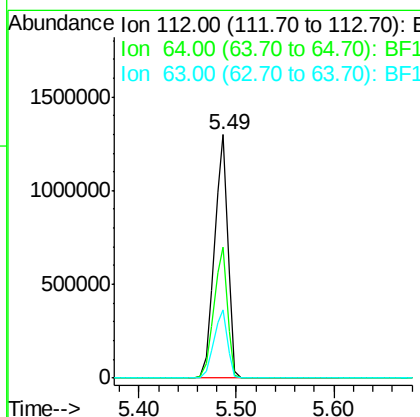
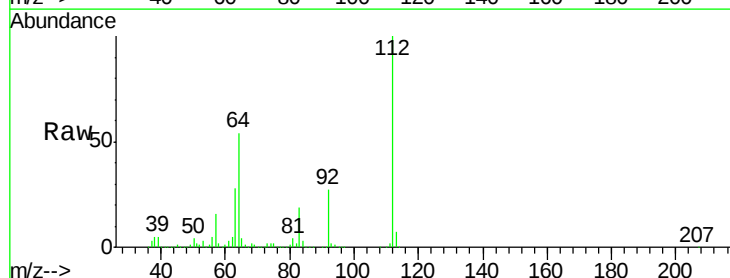
Instrument :
 BNA_F
 ClientSampleId :
 EP-14

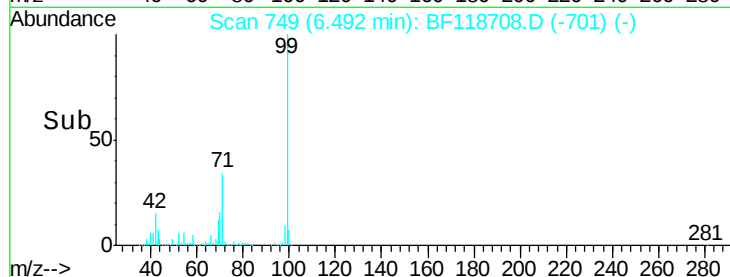
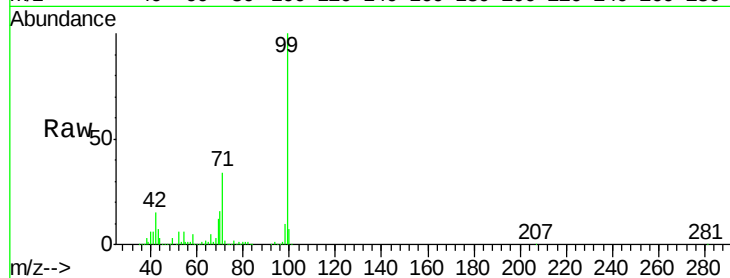
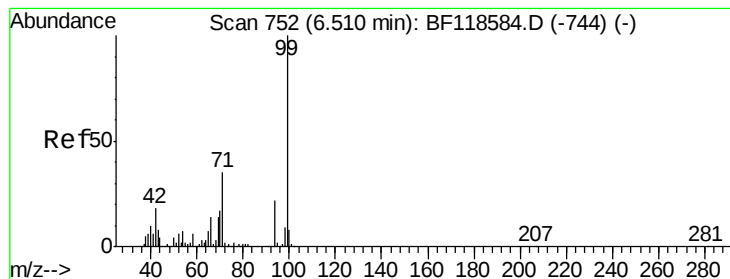
Tot Ion:152 Resp: 239740
 Ion Ratio Lower Upper
 152 100
 150 158.0 125.6 188.4
 115 60.1 48.4 72.6



#5
 2-Fluorophenol
 Concen: 95.577 ng
 RT: 5.49 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF118708.D
 Acq: 25 Jan 2020 4:02

Tgt Ion:112 Resp: 1233742
 Ion Ratio Lower Upper
 112 100
 64 53.9 46.6 70.0
 63 27.9 25.1 37.7





#7

Phenol-d6

Concen: 89.986 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF118708.D

Acq: 25 Jan 2020 4:02

Instrument :

BNA_F

ClientSampleId :

EP-14

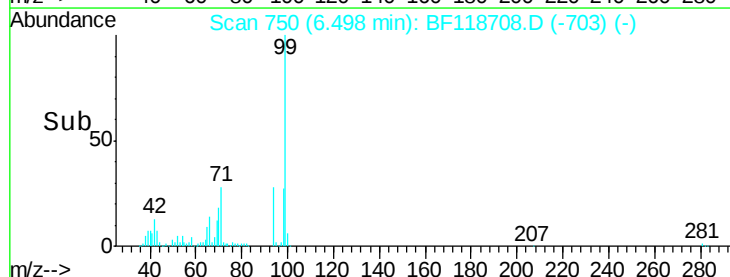
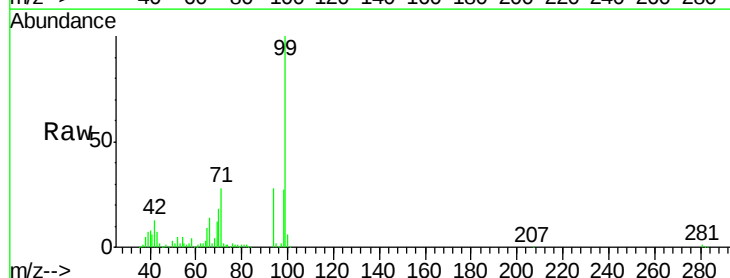
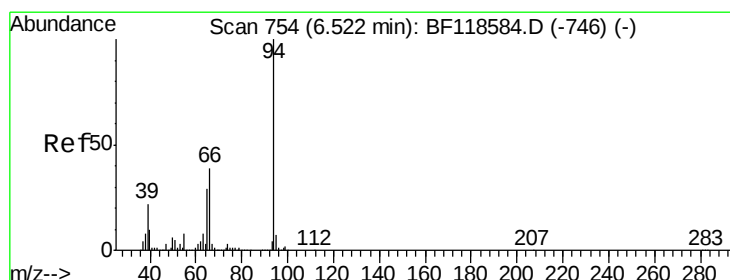
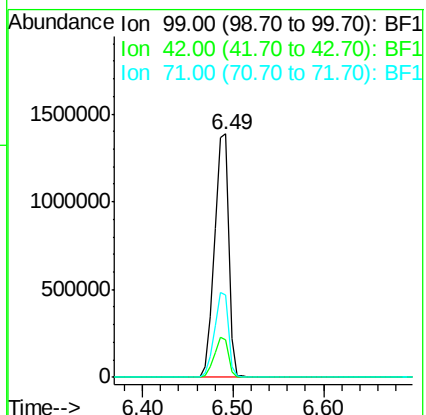
Tot Ion: 99 Resp: 1509745

Ion Ratio Lower Upper

99 100

42 15.3 14.2 21.2

71 34.1 27.8 41.6



#10

Phenol

Concen: 2.206 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118708.D

Acq: 25 Jan 2020 4:02

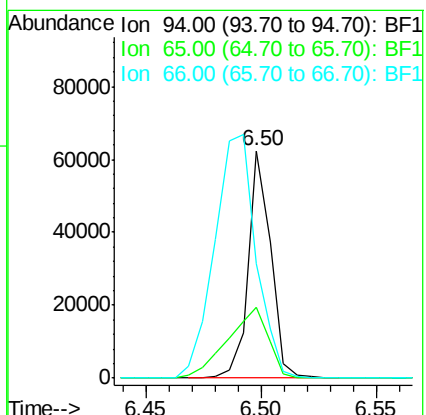
Tgt Ion: 94 Resp: 42173

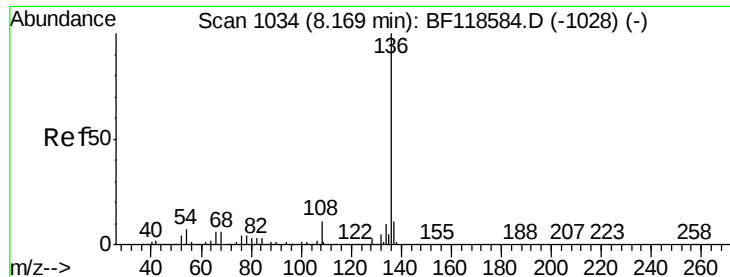
Ion Ratio Lower Upper

94 100

65 31.0 9.5 49.5

66 50.2 18.5 58.5

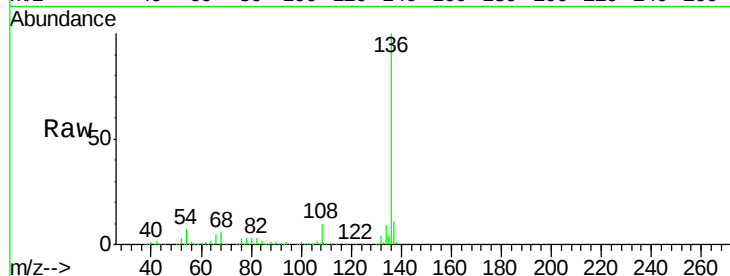




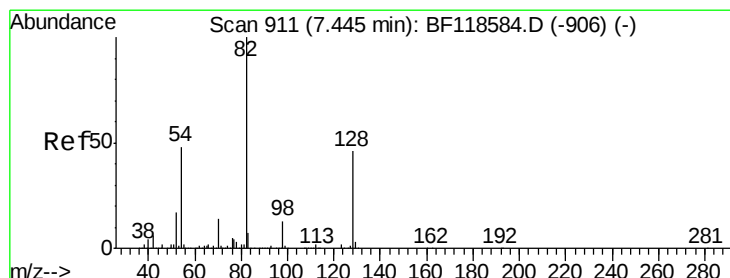
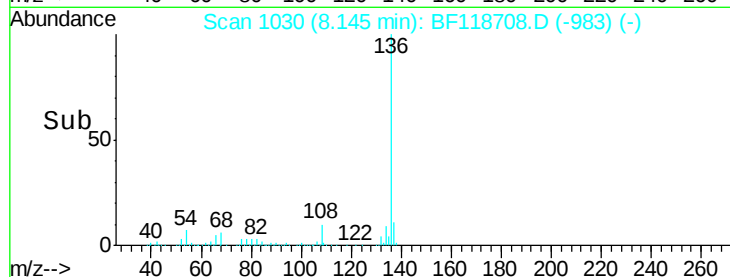
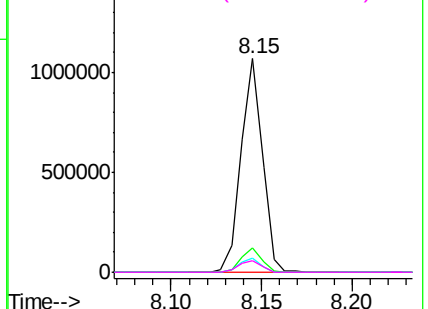
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF118708.D
Acq: 25 Jan 2020 4:02

Instrument :
BNA_F
ClientSampleId :
EP-14

Tot Ion:136	Resp:	881390
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.1 13.7
54	6.6	5.8 8.6
68	5.6	5.0 7.4

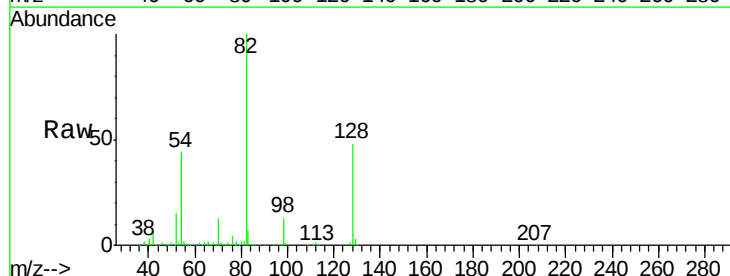


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

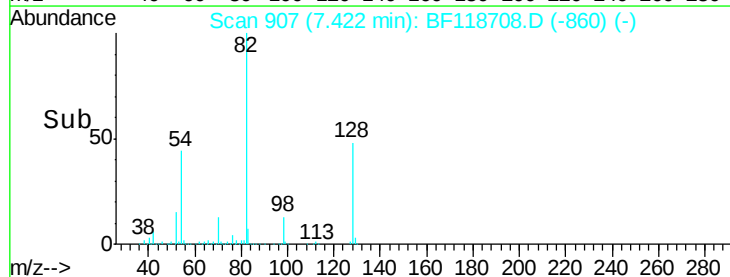
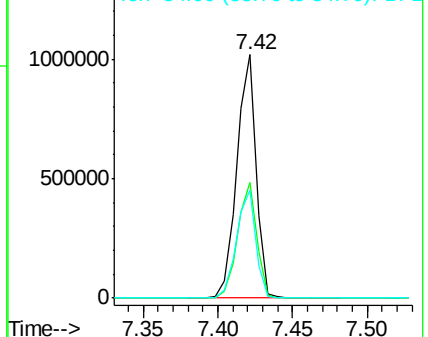


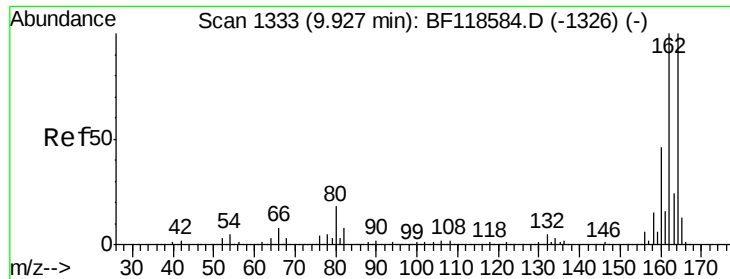
#23
Nitrobenzene-d5
Concen: 58.804 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118708.D
Acq: 25 Jan 2020 4:02

Tgt Ion: 82	Resp:	926615
Ion Ratio	Lower	Upper
82	100	
128	47.5	36.6 54.8
54	44.3	38.0 57.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.03 min

Lab File: BF118708.D

Acq: 25 Jan 2020 4:02

Instrument :

BNA_F

ClientSampleId :

EP-14

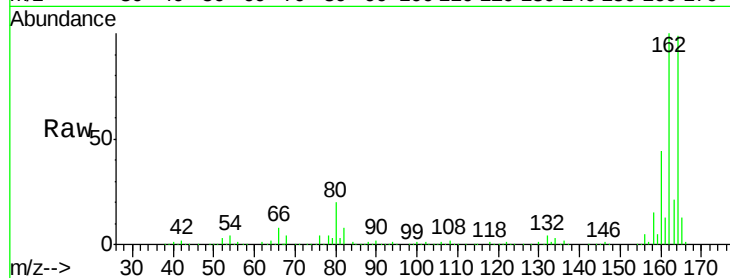
Tot Ion:164 Resp: 463018

Ion Ratio Lower Upper

164 100

162 100.6 80.4 120.6

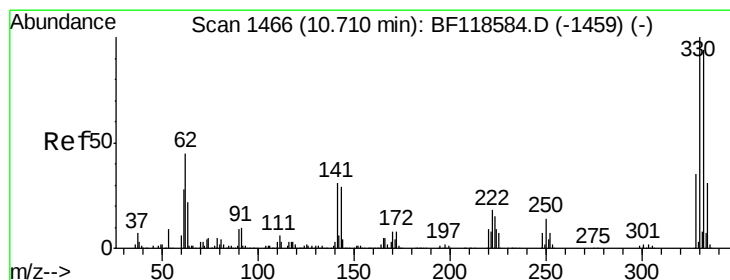
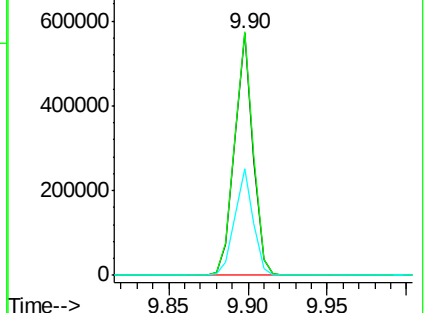
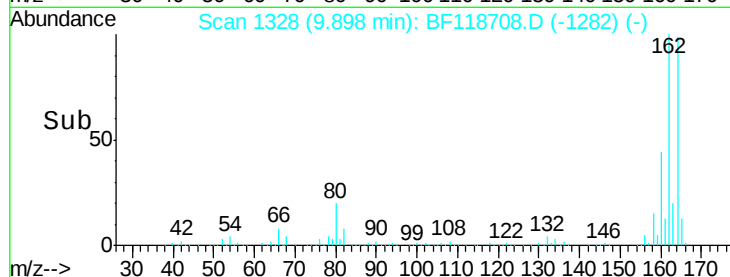
160 44.1 36.6 55.0



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



#42

2,4,6-Tribromophenol

Concen: 81.685 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.02 min

Lab File: BF118708.D

Acq: 25 Jan 2020 4:02

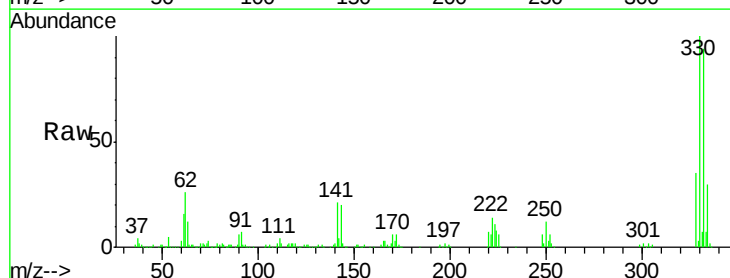
Tgt Ion:330 Resp: 437455

Ion Ratio Lower Upper

330 100

332 95.6 76.2 114.4

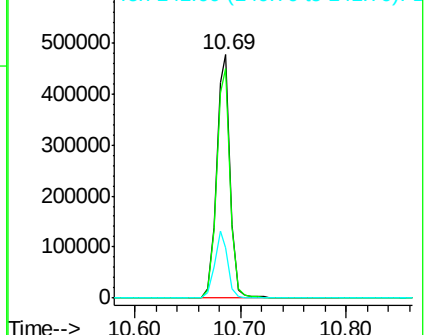
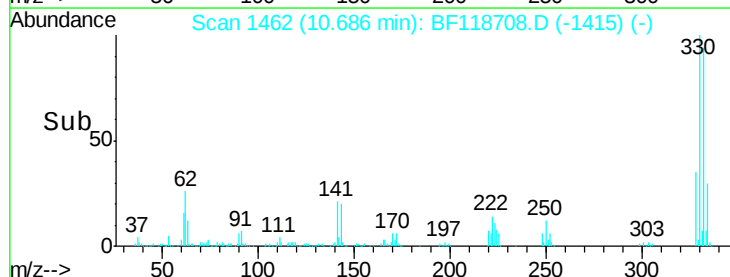
141 26.8 23.9 35.9

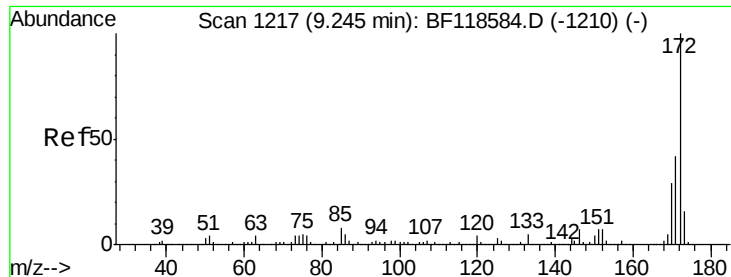


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

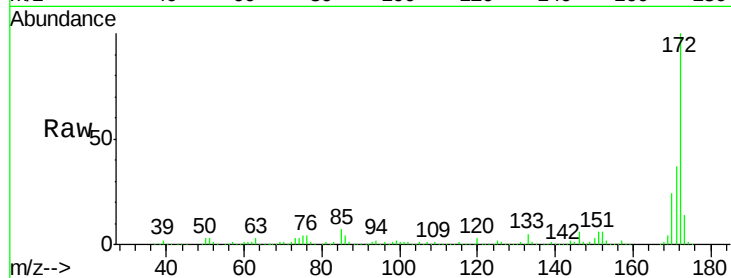




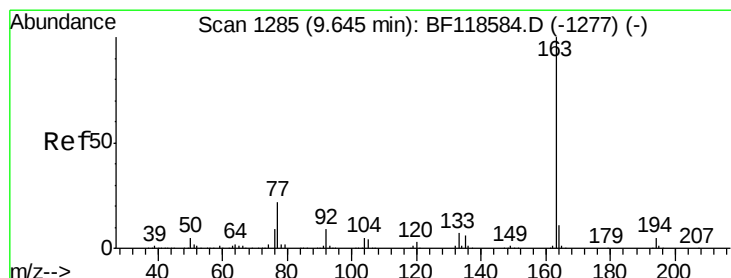
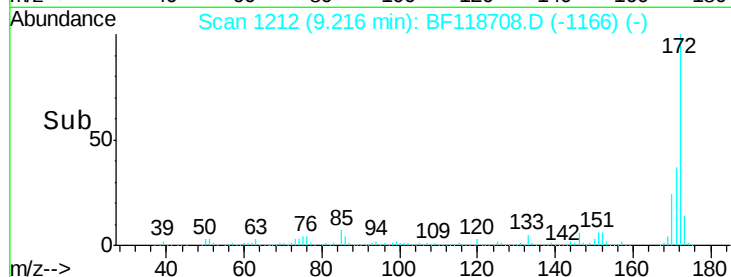
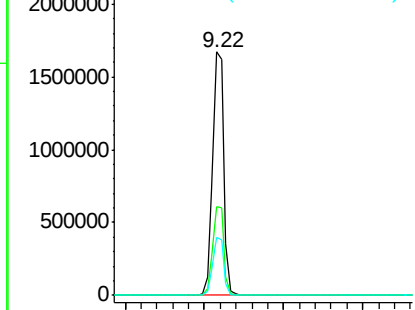
#45
2-Fluorobiphenyl
Concen: 57.484 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.03 min
Lab File: BF118708.D
Acq: 25 Jan 2020 4:02

Instrument :
BNA_F
ClientSampleId :
EP-14

Tot Ion:172 Resp: 1619352
Ion Ratio Lower Upper
172 100
171 36.6 33.4 50.2
170 23.9 23.2 34.8

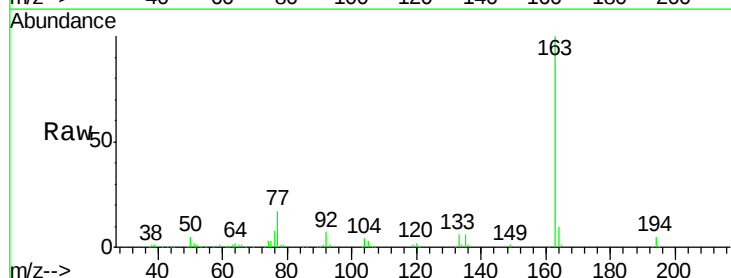


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

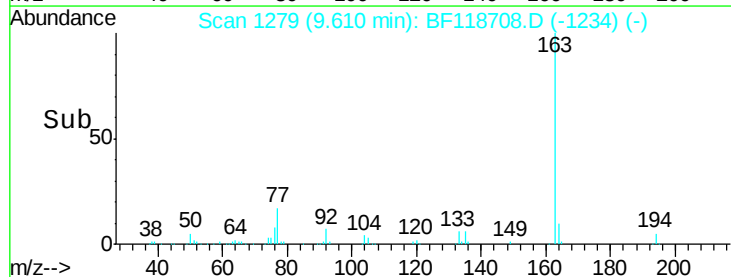
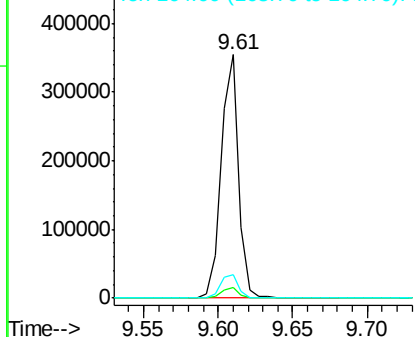


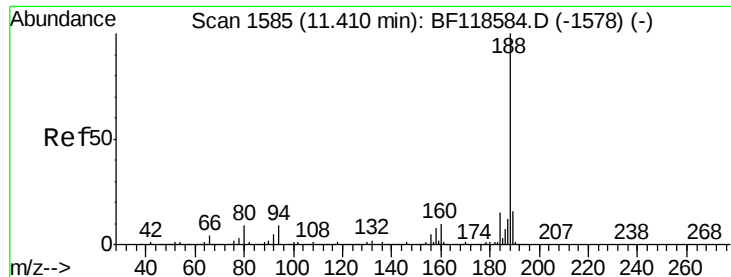
#50
Dimethylphthalate
Concen: 9.612 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.04 min
Lab File: BF118708.D
Acq: 25 Jan 2020 4:02

Tgt Ion:163 Resp: 289957
Ion Ratio Lower Upper
163 100
194 4.6 3.9 5.9
164 9.6 9.1 13.7



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

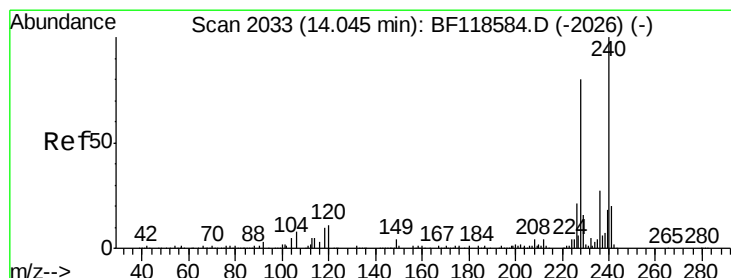
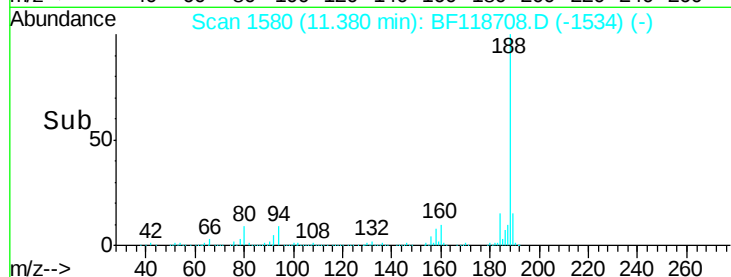
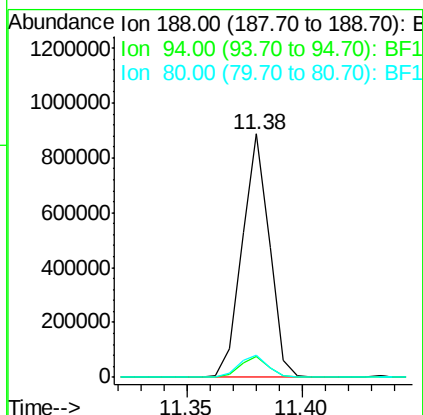
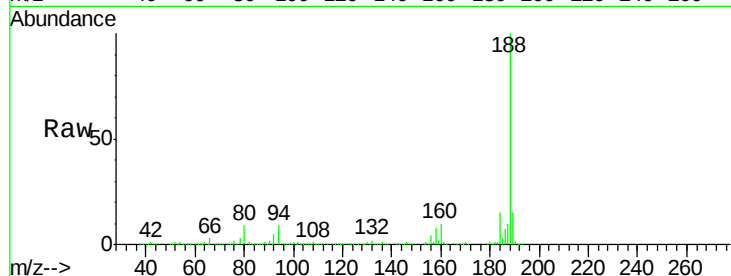




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BF118708.D
Acq: 25 Jan 2020 4:02

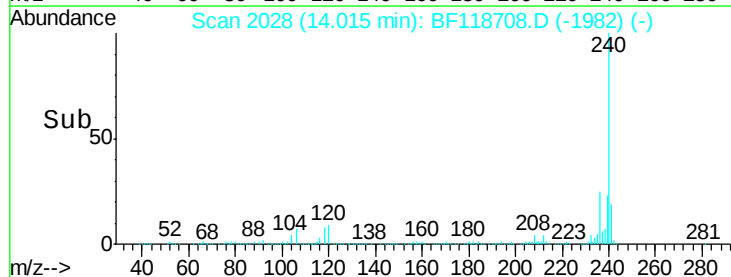
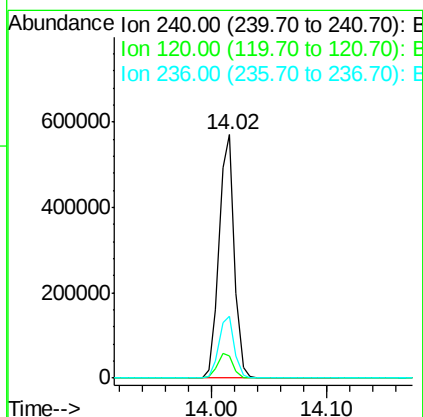
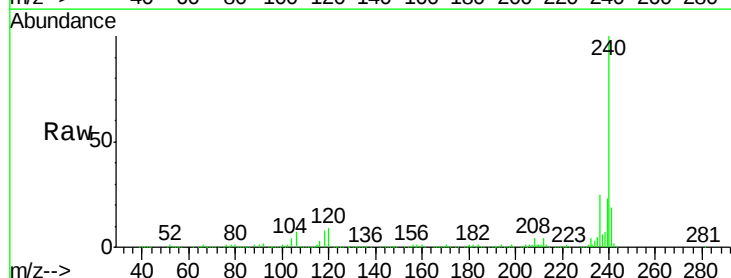
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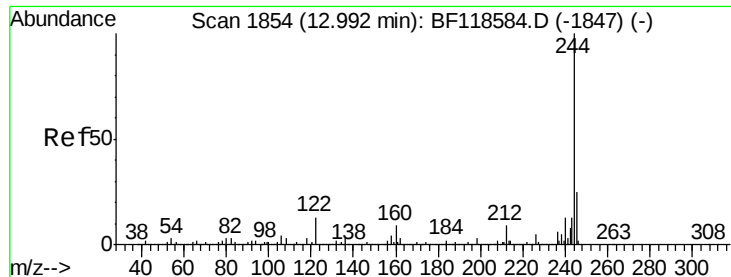
Tot Ion:188 Resp: 732639
Ion Ratio Lower Upper
188 100
94 8.5 7.1 10.7
80 9.3 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.03 min
Lab File: BF118708.D
Acq: 25 Jan 2020 4:02

Tgt Ion:240 Resp: 523408
Ion Ratio Lower Upper
240 100
120 8.9 8.9 13.3
236 25.3 21.5 32.3

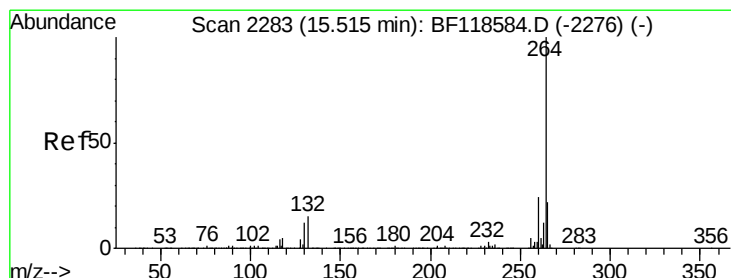
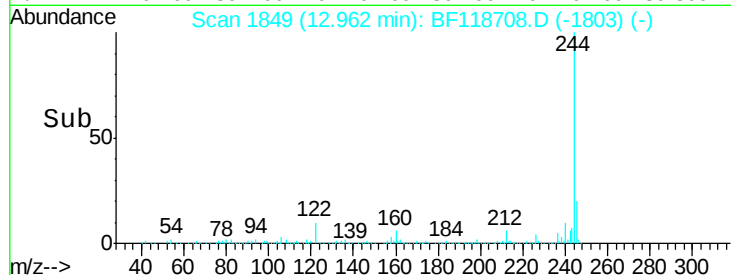
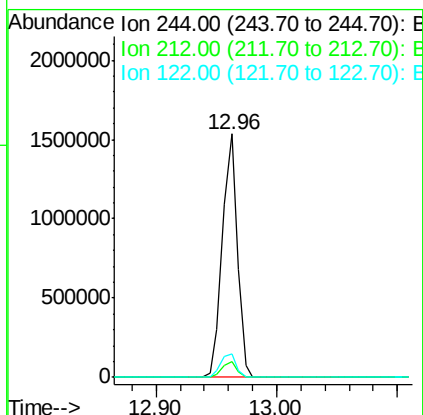
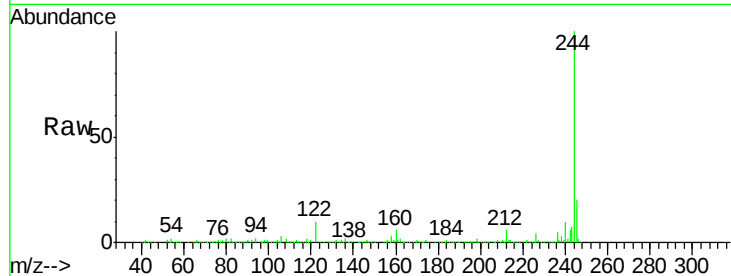




#79
 Terphenyl-d14
 Concen: 54.848 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.03 min
 Lab File: BF118708.D
 Acq: 25 Jan 2020 4:02

Instrument :
 BNA_F
 ClientSampleId :
 EP-14

Tot Ion:244 Resp: 1316213
 Ion Ratio Lower Upper
 244 100
 212 6.4 7.0 10.4#
 122 9.8 10.7 16.1#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.04 min
 Lab File: BF118708.D
 Acq: 25 Jan 2020 4:02

Tgt Ion:264 Resp: 658168
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.6 29.4
 265 21.3 17.7 26.5

