

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\  
 Data File : BF119077.D  
 Acq On : 25 Feb 2020 21:15  
 Operator : CG/JU  
 Sample : L1657-03  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-F-S

Quant Time: Feb 26 03:32:58 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 20 17:40:17 2020  
 Response via : Initial Calibration

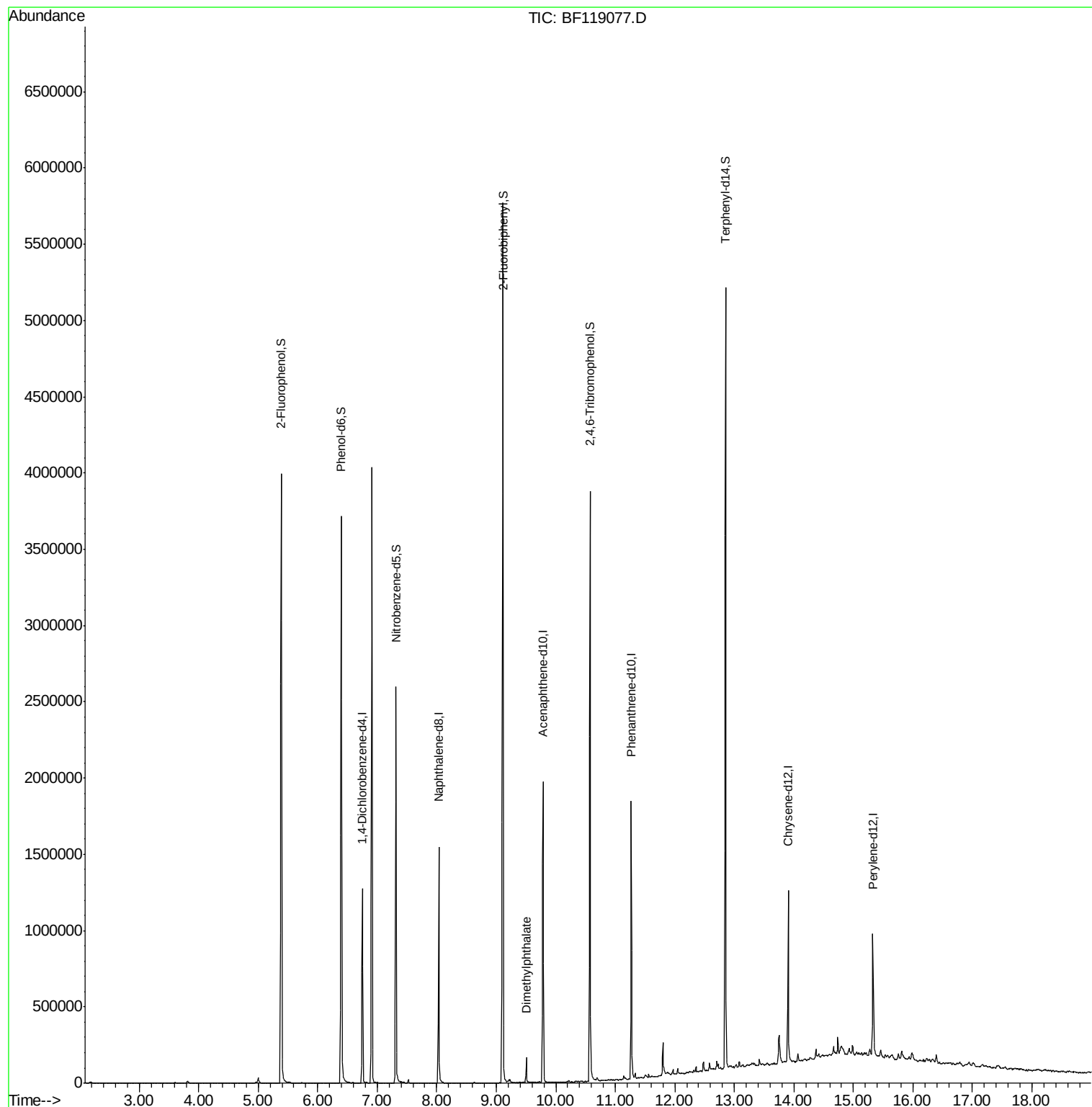
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.75  | 152  | 195547   | 20.00  | ng    | -0.01        |
| 21) Naphthalene-d8          | 8.03  | 136  | 752745   | 20.00  | ng    | -0.01        |
| 39) Acenaphthene-d10        | 9.79  | 164  | 402766   | 20.00  | ng    | 0.00         |
| 64) Phenanthrene-d10        | 11.27 | 188  | 688078   | 20.00  | ng    | 0.00         |
| 76) Chrysene-d12            | 13.90 | 240  | 418737   | 20.00  | ng    | 0.00         |
| 87) Perylene-d12            | 15.33 | 264  | 398198   | 20.00  | ng    | 0.00         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.39  | 112  | 1247507  | 106.61 | ng    | 0.00         |
| 7) Phenol-d6                | 6.40  | 99   | 1543006  | 108.43 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 7.32  | 82   | 1044108  | 73.24  | ng    | -0.01        |
| 42) 2,4,6-Tribromophenol    | 10.57 | 330  | 530554   | 100.70 | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 9.11  | 172  | 1979978  | 72.42  | ng    | -0.01        |
| 79) Terphenyl-d14           | 12.85 | 244  | 1992090  | 81.91  | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 50) Dimethylphthalate       | 9.50  | 163  | 78942    | 2.563  | ng    | Qvalue<br>99 |

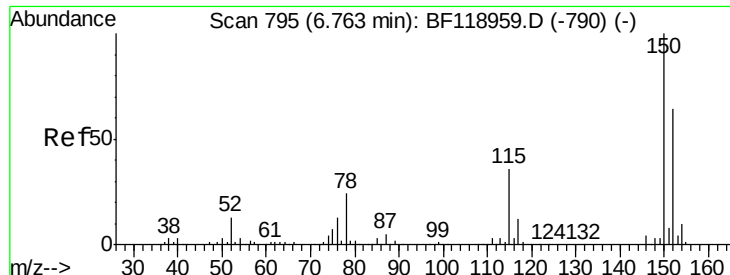
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\  
Data File : BF119077.D  
Acq On : 25 Feb 2020 21:15  
Operator : CG/JU  
Sample : L1657-03  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-F-S

Quant Time: Feb 26 03:32:58 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Feb 20 17:40:17 2020  
Response via : Initial Calibration



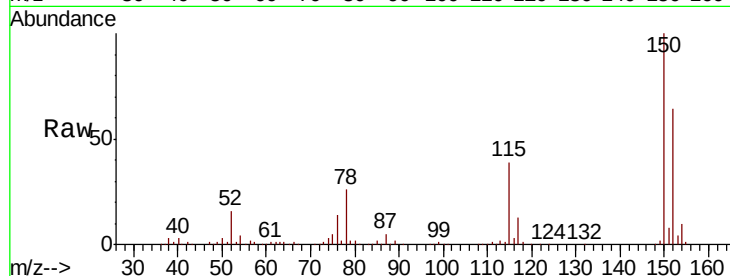


#1

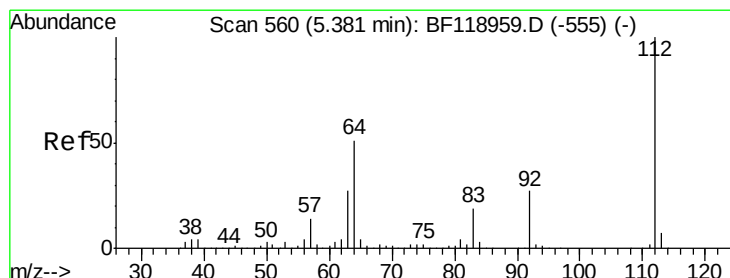
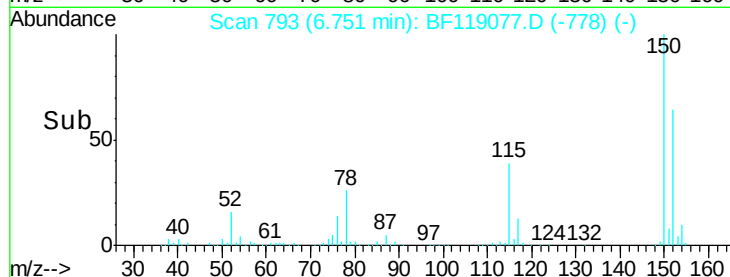
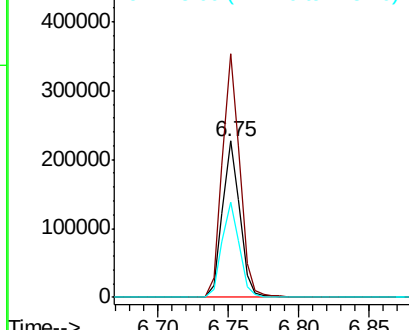
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.75 min Scan# 793  
Delta R.T. -0.01 min  
Lab File: BF119077.D  
Acq: 25 Feb 2020 21:15

Instrument :  
BNA\_F  
ClientSampled :  
TP-F-S

Tot Ion:152 Resp: 195547  
Ion Ratio Lower Upper  
152 100  
150 155.7 124.3 186.5  
115 60.7 44.6 67.0



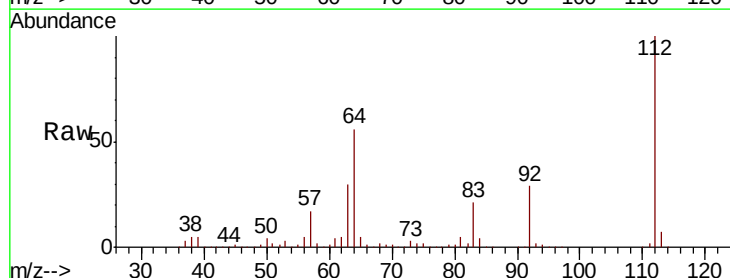
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



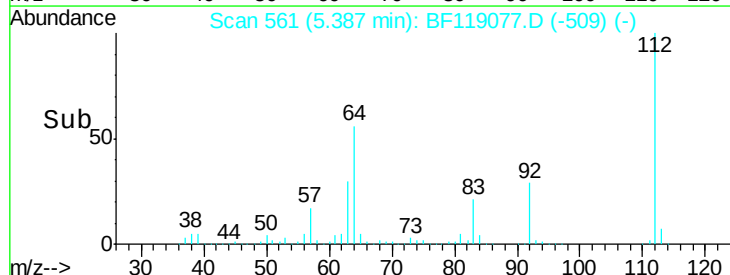
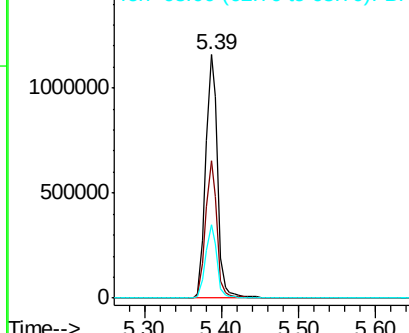
#5

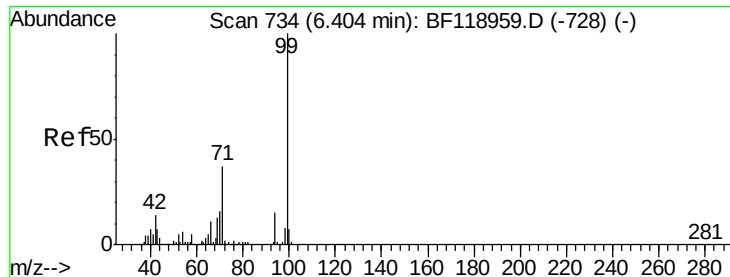
2-Fluorophenol  
Concen: 106.614 ng  
RT: 5.39 min Scan# 561  
Delta R.T. 0.01 min  
Lab File: BF119077.D  
Acq: 25 Feb 2020 21:15

Tgt Ion:112 Resp: 1247507  
Ion Ratio Lower Upper  
112 100  
64 56.3 40.4 60.6  
63 30.3 21.3 31.9



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: 108.428 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119077.D

Acq: 25 Feb 2020 21:15

Instrument :

BNA\_F

ClientSampleId :

TP-F-S

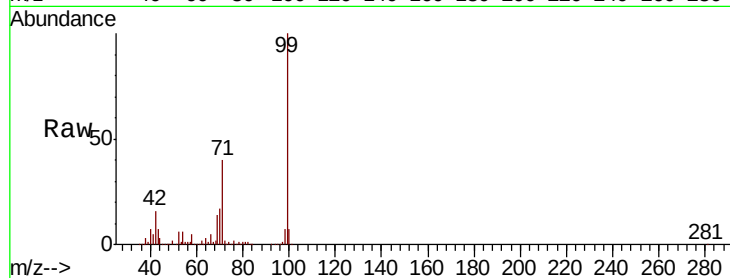
Tot Ion: 99 Resp: 1543006

Ion Ratio Lower Upper

99 100

42 16.1 11.4 17.0

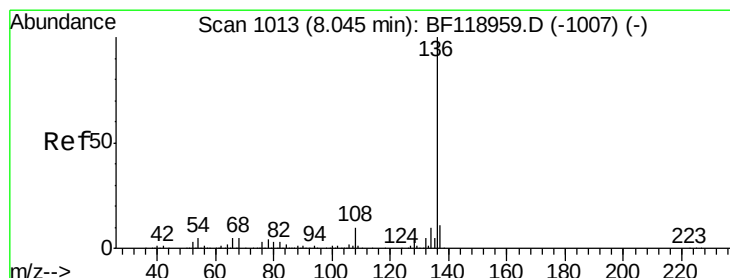
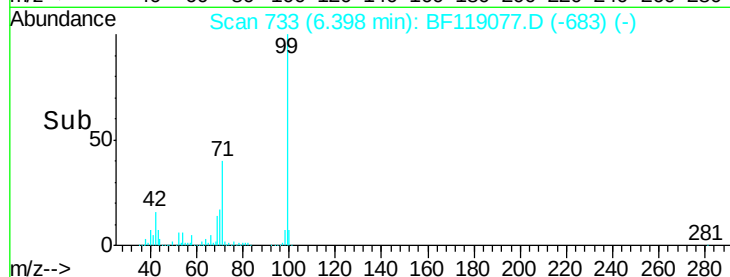
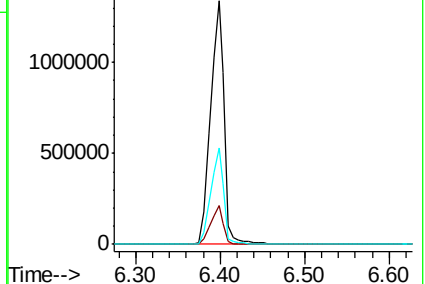
71 39.8 29.8 44.6



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: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF119077.D

Acq: 25 Feb 2020 21:15

Tgt Ion: 136 Resp: 752745

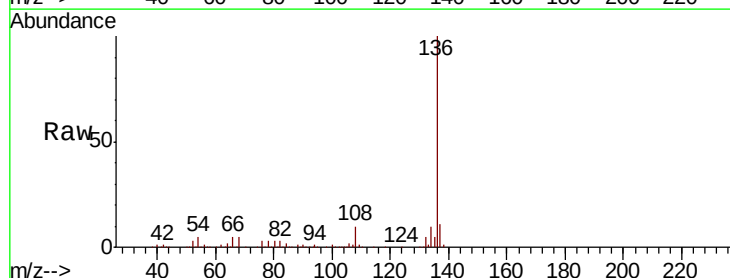
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 4.7 3.8 5.6

68 5.0 4.2 6.2

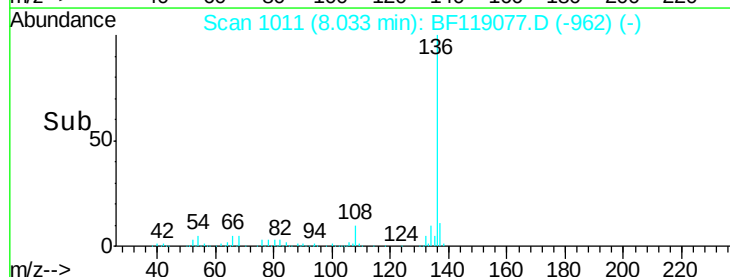
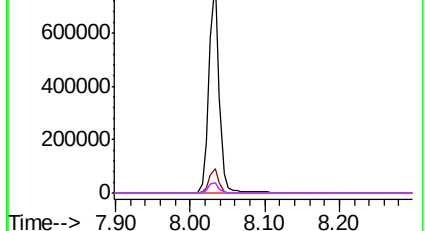


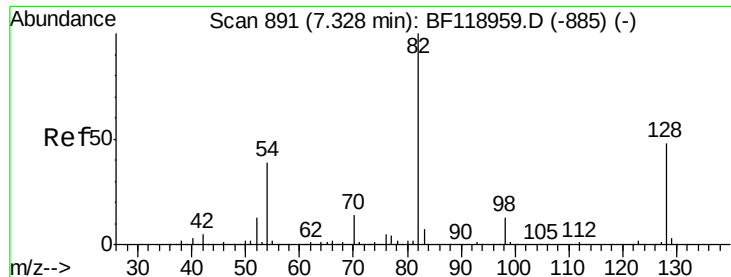
Abundance Ion 136.00 (135.70 to 136.70): E

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

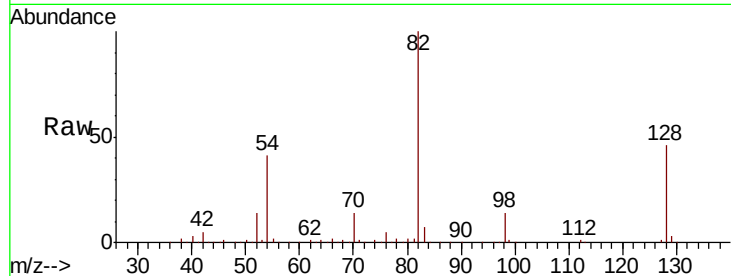




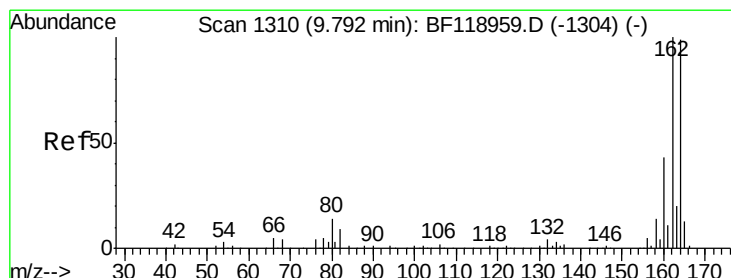
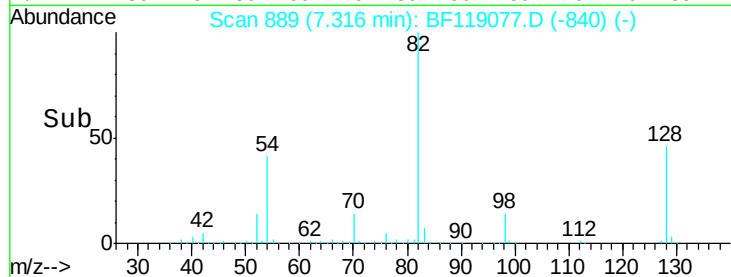
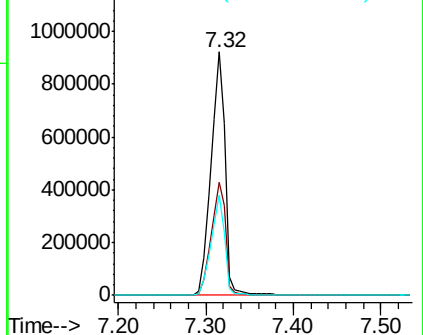
#23  
 Nitrobenzene-d5  
 Concen: 73.237 ng  
 RT: 7.32 min Scan# 889  
 Delta R.T. -0.01 min  
 Lab File: BF119077.D  
 Acq: 25 Feb 2020 21:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-F-S

Tot Ion: 82 Resp: 1044108  
 Ion Ratio Lower Upper  
 82 100  
 128 46.2 38.2 57.2  
 54 41.3 31.3 46.9

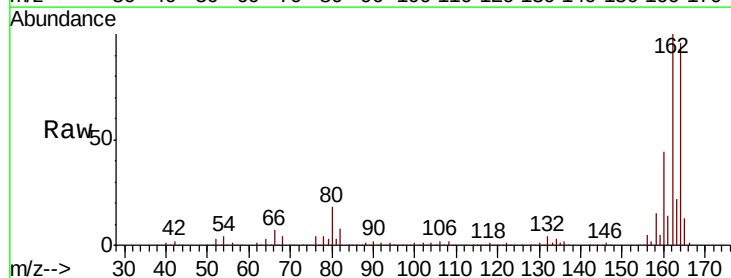


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

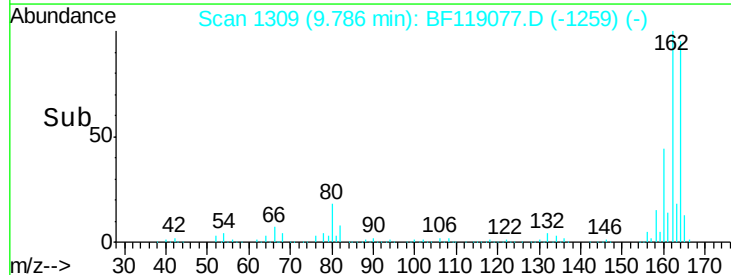
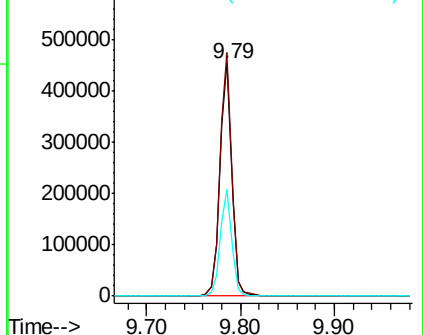


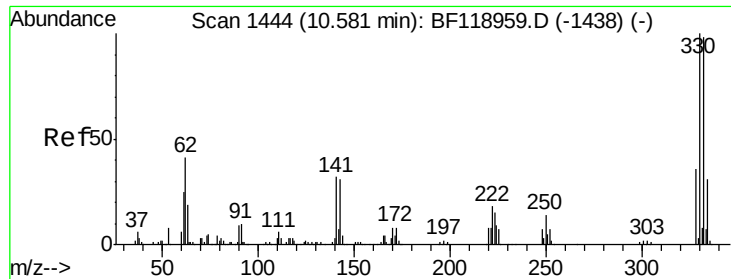
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.79 min Scan# 1309  
 Delta R.T. -0.01 min  
 Lab File: BF119077.D  
 Acq: 25 Feb 2020 21:15

Tgt Ion: 164 Resp: 402766  
 Ion Ratio Lower Upper  
 164 100  
 162 104.4 81.2 121.8  
 160 45.6 35.2 52.8



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





#42

2,4,6-Tribromophenol

Concen: 100.696 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF119077.D

Acq: 25 Feb 2020 21:15

Instrument :

BNA\_F

ClientSampleId :

TP-F-S

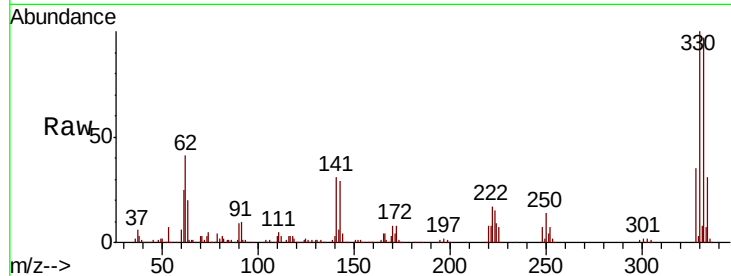
Tot Ion:330 Resp: 530554

Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

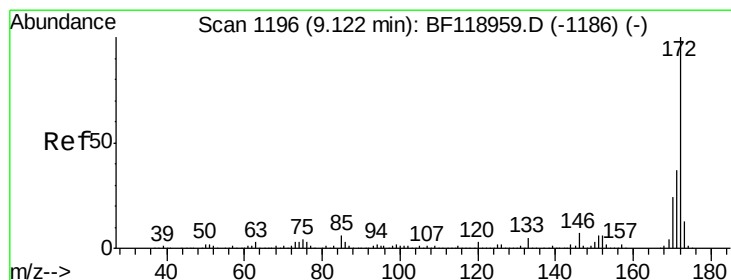
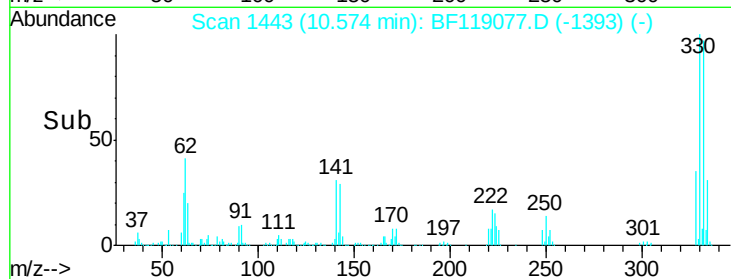
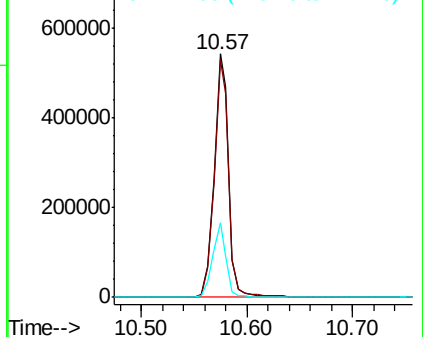
141 29.3 23.0 34.6



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: 72.420 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF119077.D

Acq: 25 Feb 2020 21:15

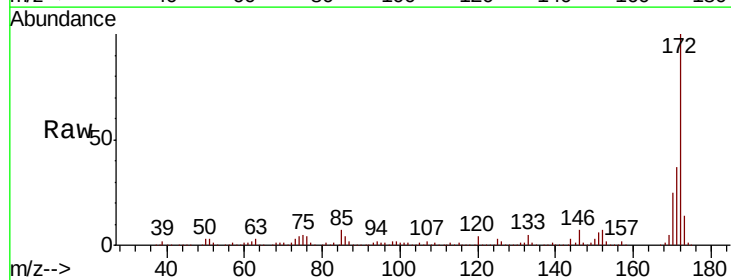
Tgt Ion:172 Resp: 1979978

Ion Ratio Lower Upper

172 100

171 36.9 29.4 44.2

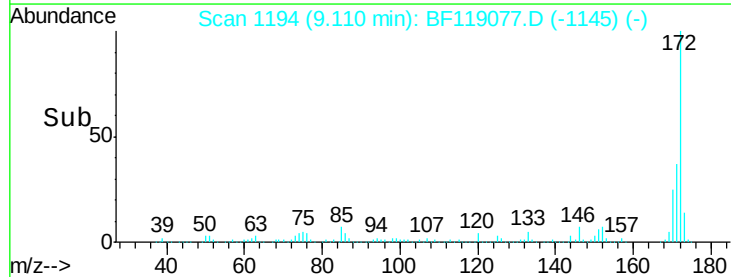
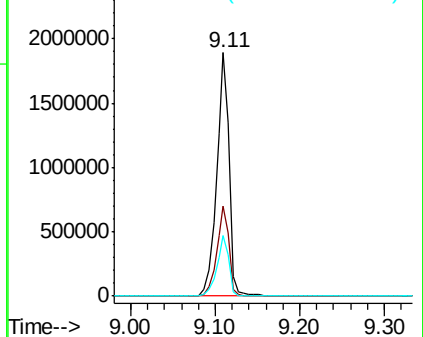
170 24.8 19.6 29.4

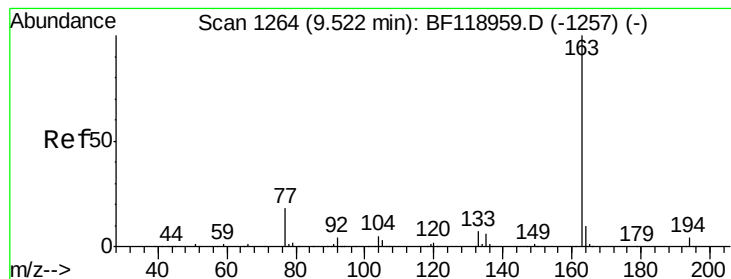


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.563 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF119077.D

Acq: 25 Feb 2020 21:15

Instrument :

BNA\_F

ClientSampleId :

TP-F-S

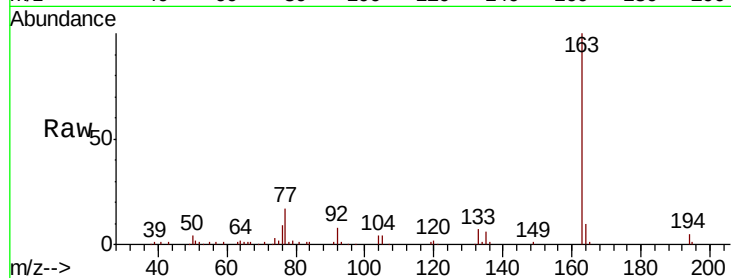
Tot Ion:163 Resp: 78942

Ion Ratio Lower Upper

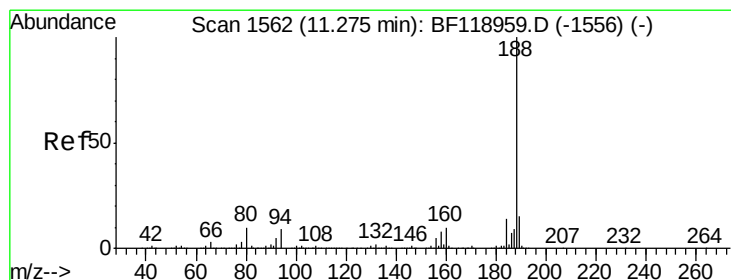
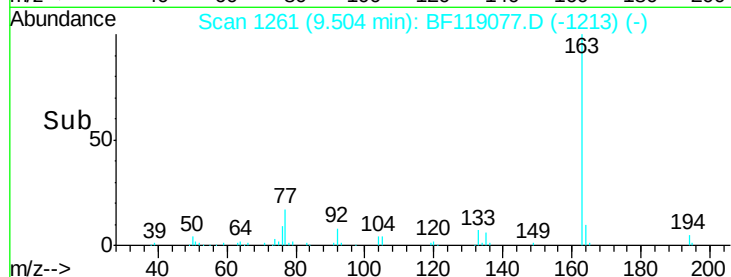
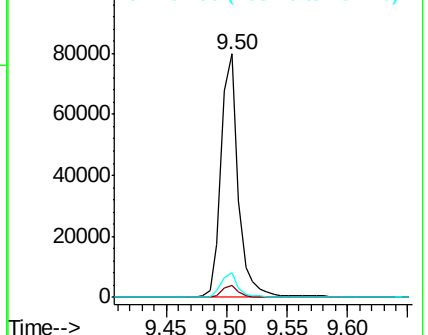
163 100

194 4.8 3.4 5.2

164 10.1 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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF119077.D

Acq: 25 Feb 2020 21:15

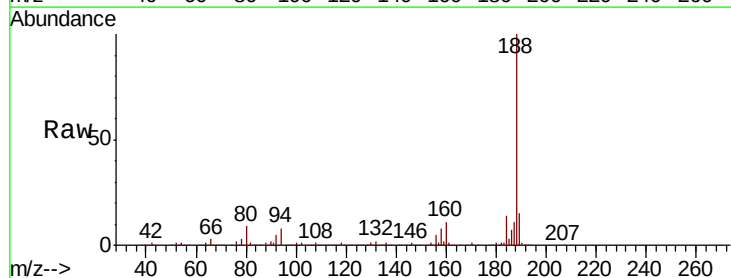
Tgt Ion:188 Resp: 688078

Ion Ratio Lower Upper

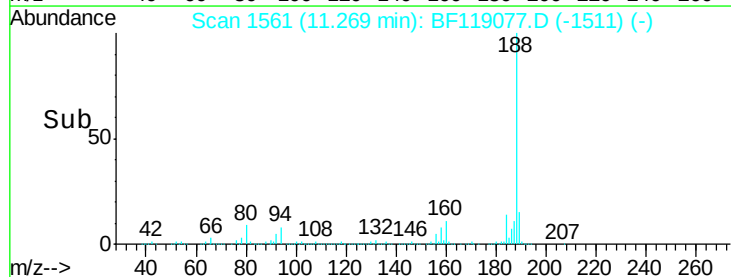
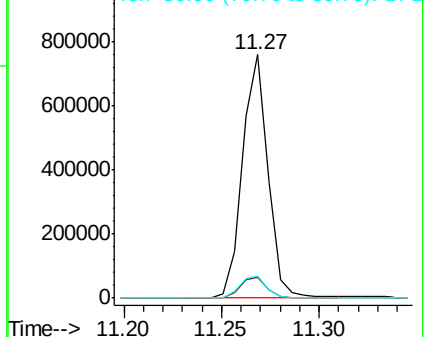
188 100

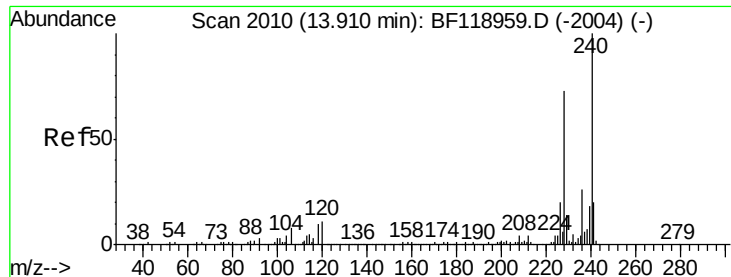
94 8.4 7.0 10.6

80 9.3 7.9 11.9



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF119077.D

Acq: 25 Feb 2020 21:15

Instrument :

BNA\_F

ClientSampleId :

TP-F-S

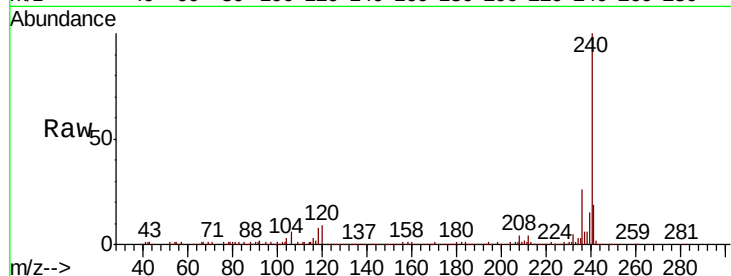
Tot Ion:240 Resp: 418737

Ion Ratio Lower Upper

240 100

120 9.2 8.9 13.3

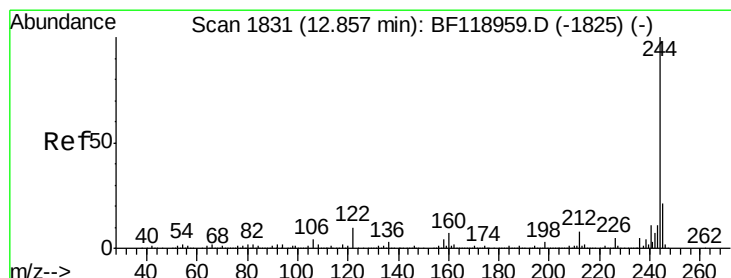
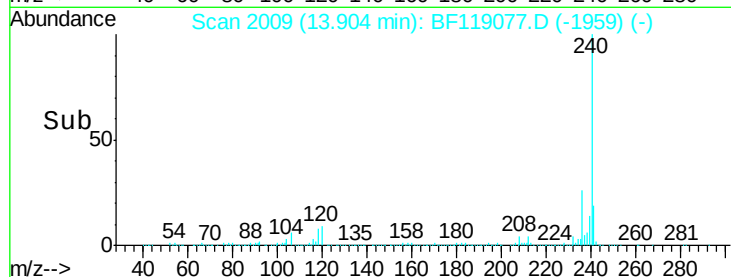
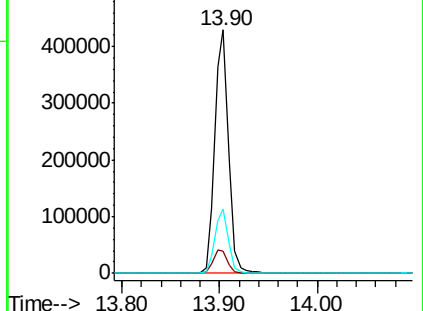
236 26.2 20.6 30.8



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



#79

Terphenyl-d14

Concen: 81.907 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119077.D

Acq: 25 Feb 2020 21:15

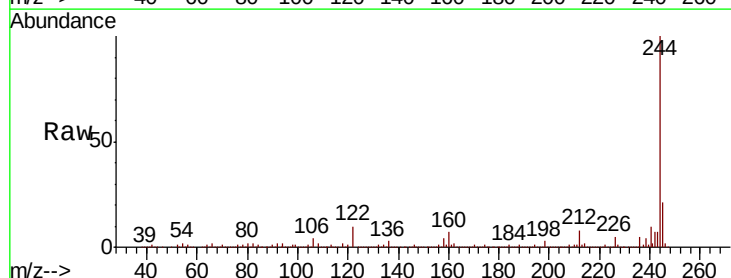
Tgt Ion:244 Resp: 1992090

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

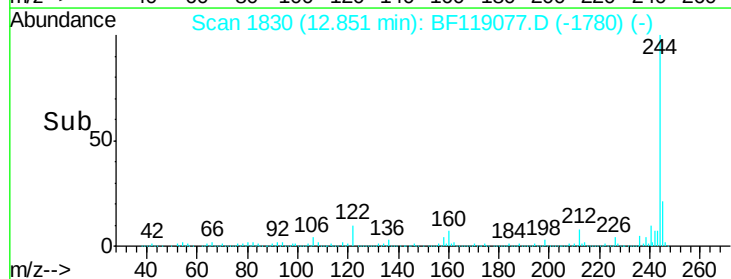
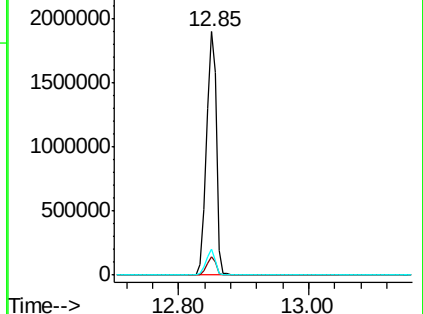
122 10.5 8.4 12.6



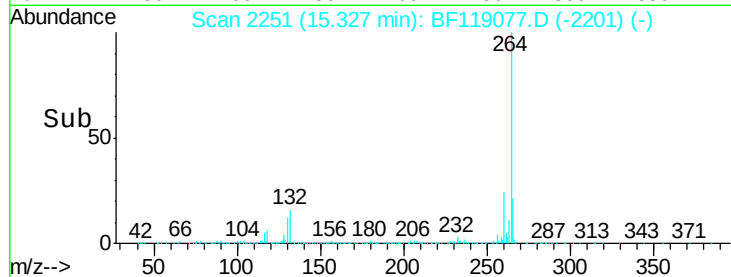
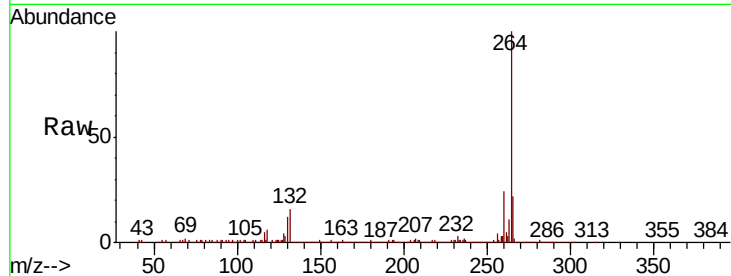
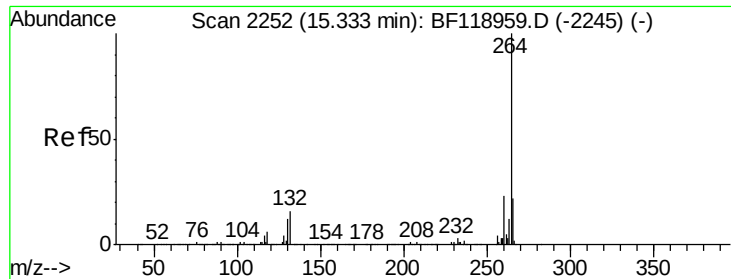
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E







#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.33 min Scan# 2251  
 Delta R.T. -0.01 min  
 Lab File: BF119077.D  
 Acq: 25 Feb 2020 21:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-F-S

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 18.6  | 28.0  |
| 265     | 21.6  | 17.3  | 25.9  |

