

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031424\  
 Data File : BN030393.D  
 Acq On : 14 Mar 2024 12:20  
 Operator : MA/JU  
 Sample : PB159518BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB159518BL

Quant Time: Mar 14 12:52:53 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 14 11:36:29 2024  
 Response via : Initial Calibration

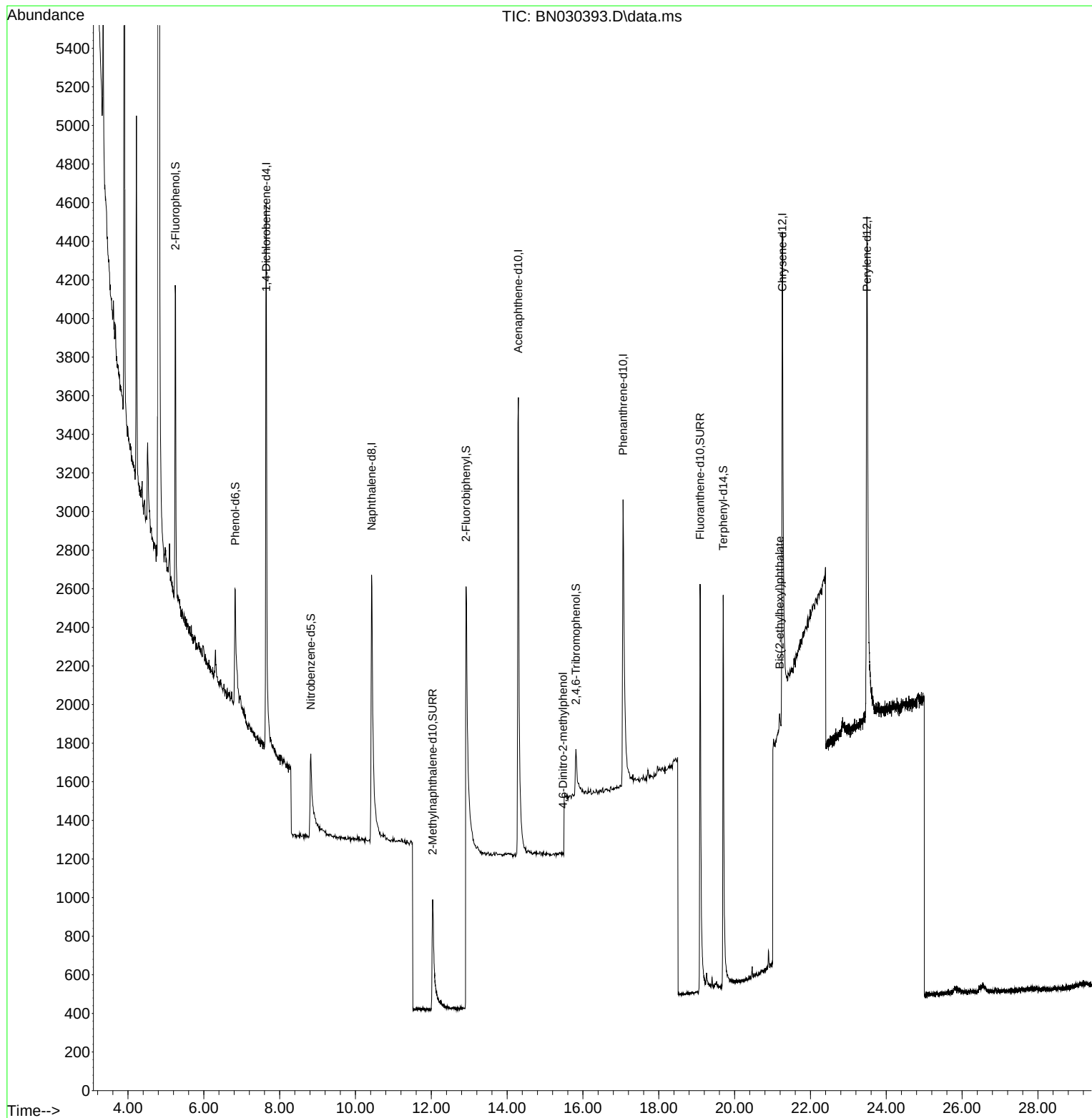
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.645  | 152  | 1795     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.423 | 136  | 3876     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.297 | 164  | 2349     | 0.400 | ng    | 0.01     |
| 19) Phenanthrene-d10          | 17.057 | 188  | 4511     | 0.400 | ng    | 0.01     |
| 29) Chrysene-d12              | 21.259 | 240  | 4381     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.490 | 264  | 5281     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.254  | 112  | 1433     | 0.307 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.829  | 99   | 1077     | 0.236 | ng    | 0.01     |
| 8) Nitrobenzene-d5            | 8.822  | 82   | 961      | 0.270 | ng    | 0.02     |
| 11) 2-Methylnaphthalene-d10   | 12.038 | 152  | 1888     | 0.314 | ng    | 0.02     |
| 14) 2,4,6-Tribromophenol      | 15.816 | 330  | 290      | 0.212 | ng    | 0.02     |
| 15) 2-Fluorobiphenyl          | 12.918 | 172  | 2337     | 0.247 | ng    | 0.01     |
| 27) Fluoranthene-d10          | 19.090 | 212  | 4245     | 0.324 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.698 | 244  | 3351     | 0.337 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 20) 4,6-Dinitro-2-methylph... | 15.473 | 198  | 1        | 0.180 | ng    | # 54     |
| 34) Bis(2-ethylhexyl)phtha... | 21.188 | 149  | 161      | 0.021 | ng    | # 85     |

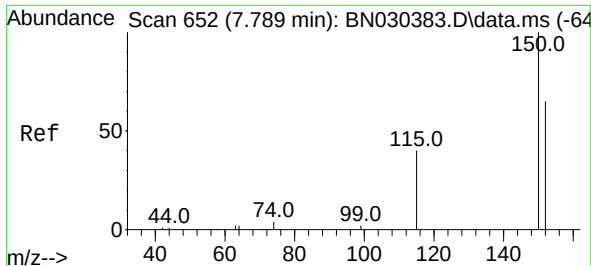
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031424\  
Data File : BN030393.D  
Acq On : 14 Mar 2024 12:20  
Operator : MA/JU  
Sample : PB159518BL  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB159518BL

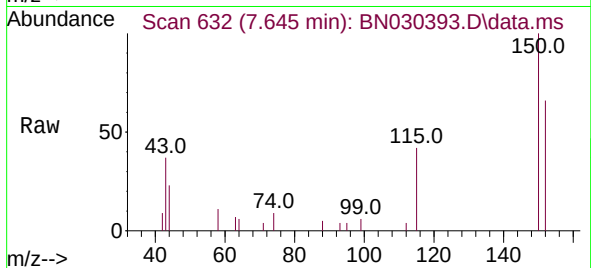
Quant Time: Mar 14 12:52:53 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031324.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 14 11:36:29 2024  
Response via : Initial Calibration



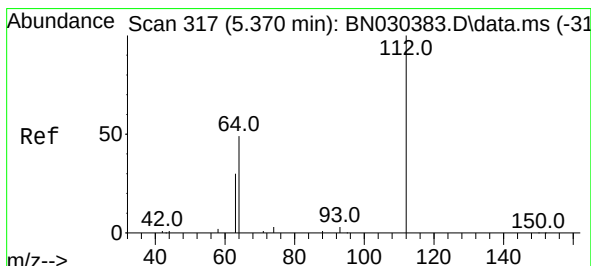
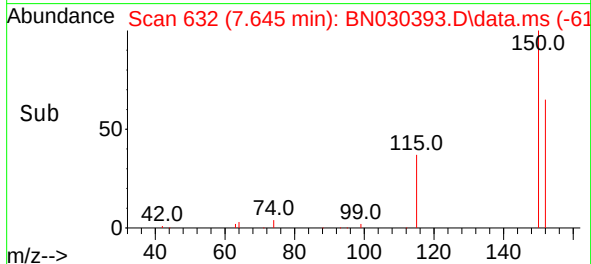
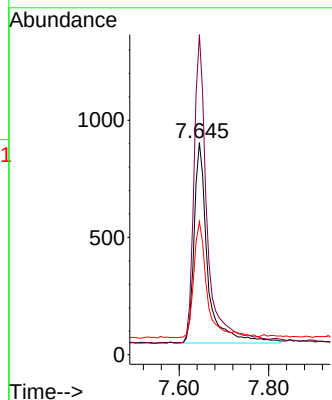


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.645 min Scan# 61  
Delta R.T. 0.007 min  
Lab File: BN030393.D  
Acq: 14 Mar 2024 12:20

Instrument :  
BNA\_N  
ClientSampleId :  
PB159518BL

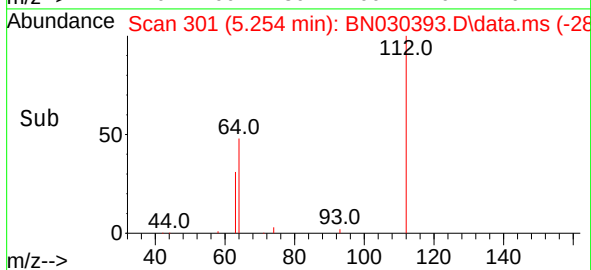
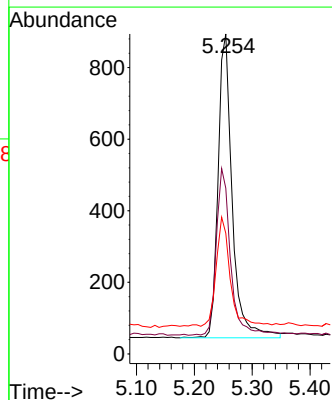
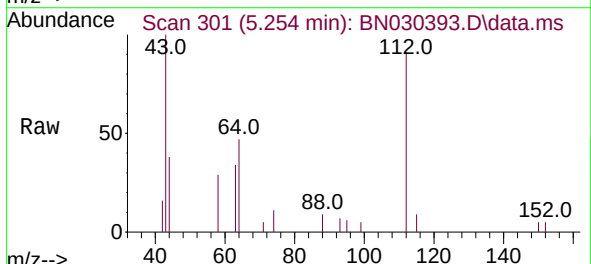


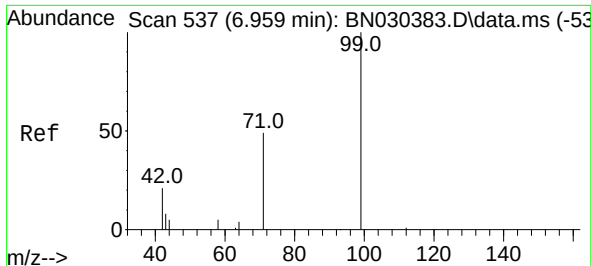
Tgt Ion:152 Resp: 1795  
Ion Ratio Lower Upper  
152 100  
150 151.0 120.4 180.6  
115 62.7 52.8 79.2



#4  
2-Fluorophenol  
Concen: 0.307 ng  
RT: 5.254 min Scan# 301  
Delta R.T. 0.007 min  
Lab File: BN030393.D  
Acq: 14 Mar 2024 12:20

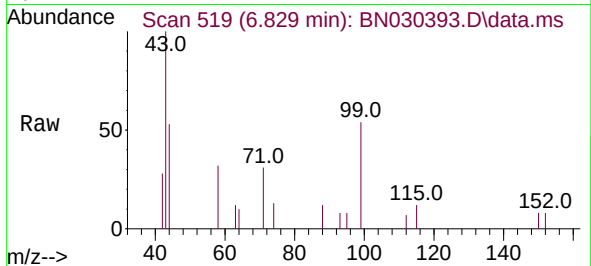
Tgt Ion:112 Resp: 1433  
Ion Ratio Lower Upper  
112 100  
64 56.1 45.6 68.4  
63 36.1 28.2 42.4



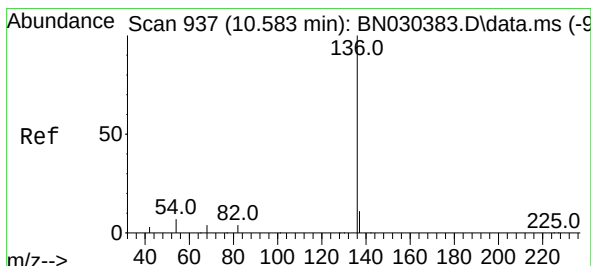
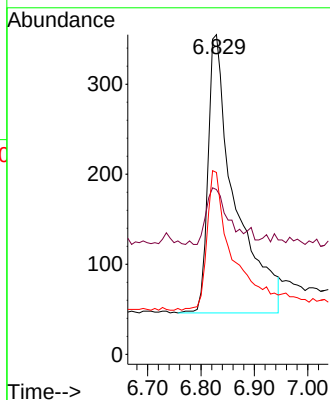
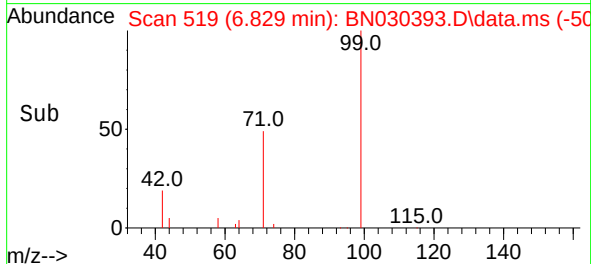


#5  
Phenol-d6  
Concen: 0.236 ng  
RT: 6.829 min Scan# 519  
Delta R.T. 0.014 min  
Lab File: BN030393.D  
Acq: 14 Mar 2024 12:20

Instrument :  
BNA\_N  
ClientSampleId :  
PB159518BL

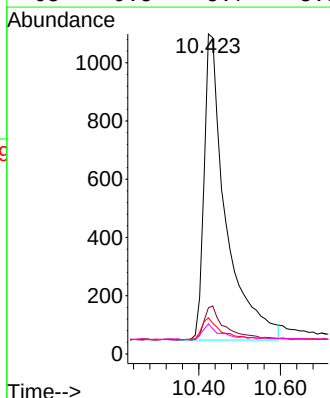
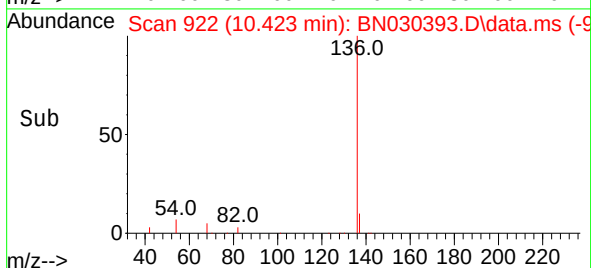
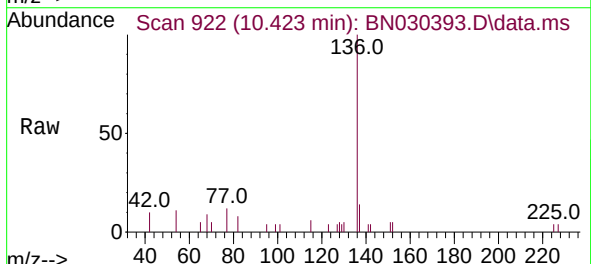


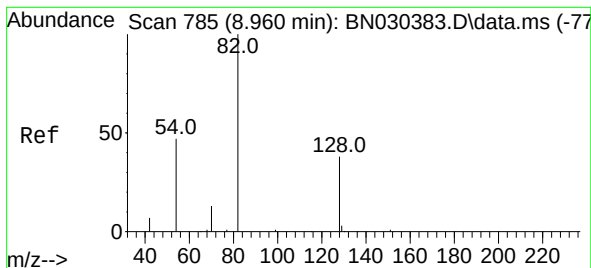
| Tgt Ion:  | 99   | Resp: | 1077  |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 99        | 100  |       |       |
| 42        | 18.1 | 17.0  | 25.6  |
| 71        | 48.5 | 37.0  | 55.6  |



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.423 min Scan# 922  
Delta R.T. -0.000 min  
Lab File: BN030393.D  
Acq: 14 Mar 2024 12:20

| Tgt Ion:  | 136  | Resp: | 3876  |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 136       | 100  |       |       |
| 137       | 14.5 | 11.0  | 16.6  |
| 54        | 11.3 | 7.8   | 11.8  |
| 68        | 9.5  | 5.7   | 8.5   |





#8

Nitrobenzene-d5

Concen: 0.270 ng

RT: 8.822 min Scan# 71

Delta R.T. 0.021 min

Lab File: BN030393.D

Acq: 14 Mar 2024 12:20

Instrument :

BNA\_N

ClientSampleId :

PB159518BL

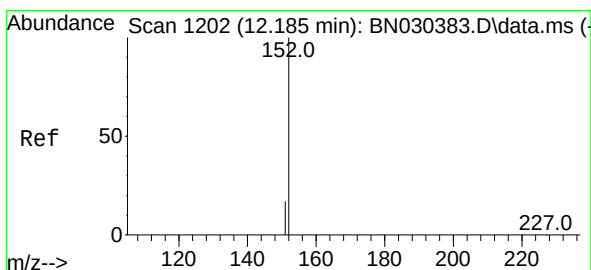
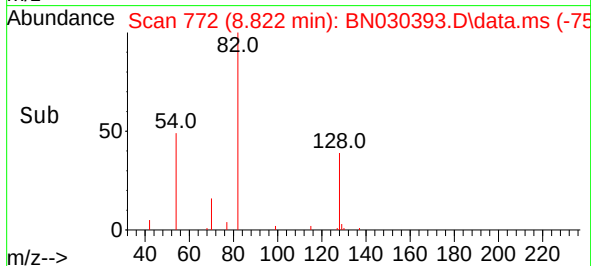
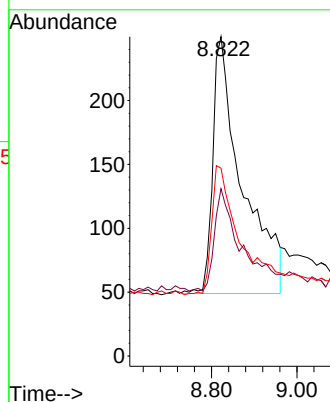
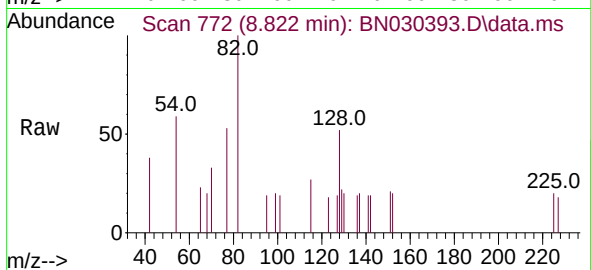
Tgt Ion: 82 Resp: 961

Ion Ratio Lower Upper

82 100

128 52.4 35.2 52.8

54 58.8 41.5 62.3



#11

2-Methylnaphthalene-d10

Concen: 0.314 ng

RT: 12.038 min Scan# 1163

Delta R.T. 0.015 min

Lab File: BN030393.D

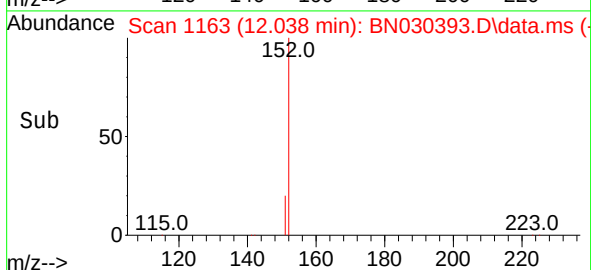
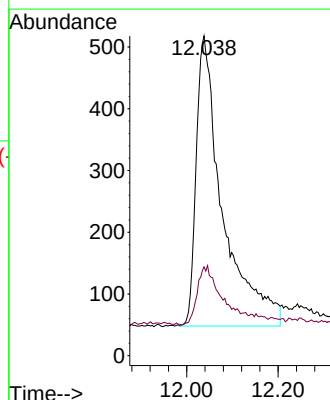
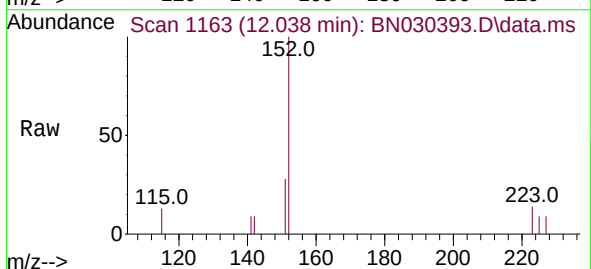
Acq: 14 Mar 2024 12:20

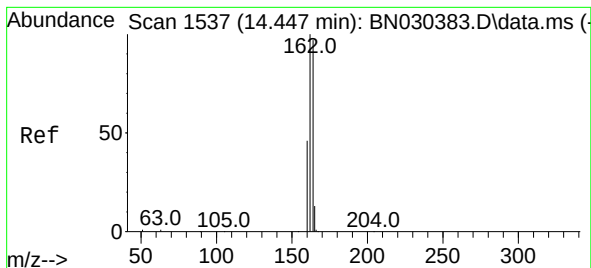
Tgt Ion:152 Resp: 1888

Ion Ratio Lower Upper

152 100

151 18.1 15.8 23.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.297 min Scan# 1

Delta R.T. 0.011 min

Lab File: BN030393.D

Acq: 14 Mar 2024 12:20

Instrument :

BNA\_N

ClientSampleId :

PB159518BL

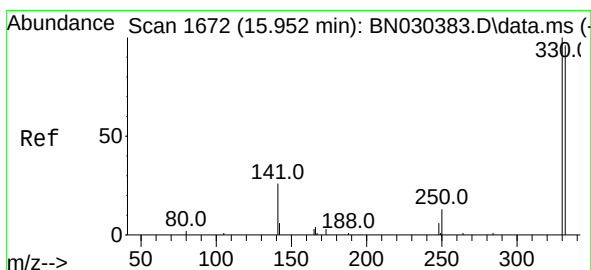
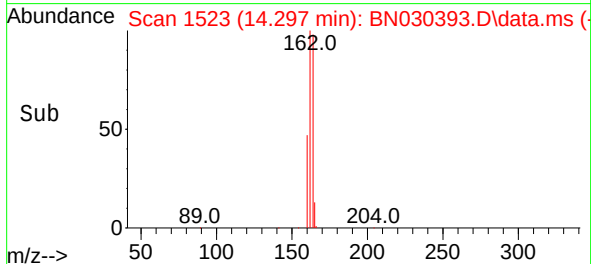
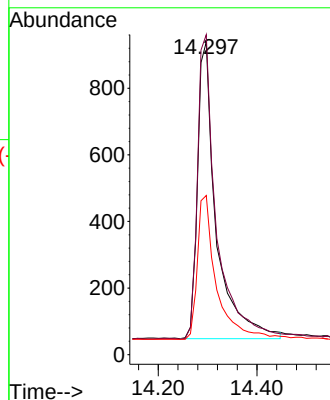
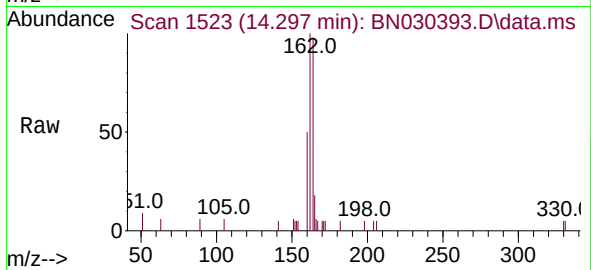
Tgt Ion:164 Resp: 2349

Ion Ratio Lower Upper

164 100

162 102.3 82.6 124.0

160 50.9 39.5 59.3



#14

2,4,6-Tribromophenol

Concen: 0.212 ng

RT: 15.816 min Scan# 1661

Delta R.T. 0.025 min

Lab File: BN030393.D

Acq: 14 Mar 2024 12:20

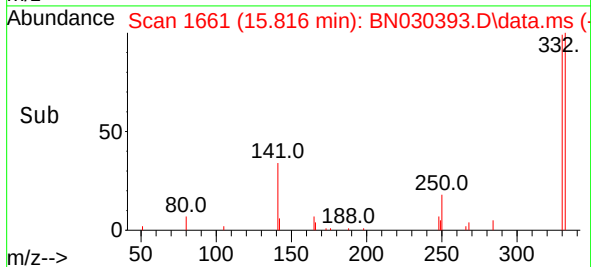
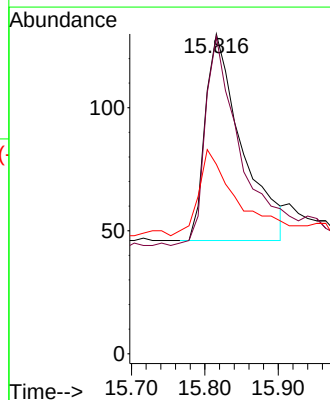
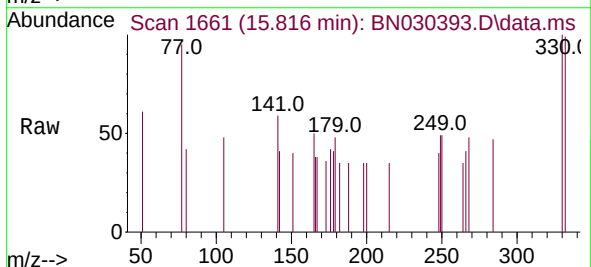
Tgt Ion:330 Resp: 290

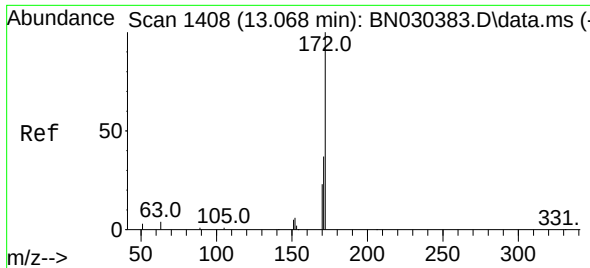
Ion Ratio Lower Upper

330 100

332 97.9 77.2 115.8

141 42.4 31.4 47.2

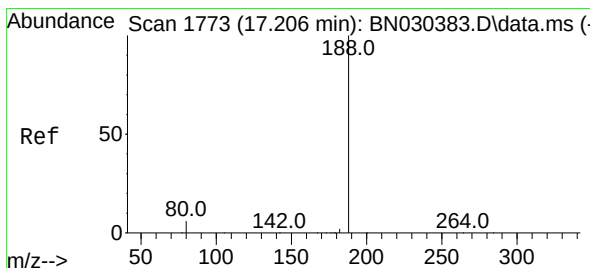
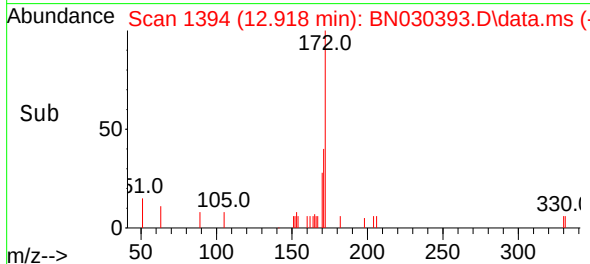
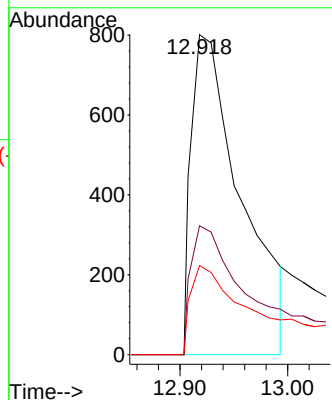
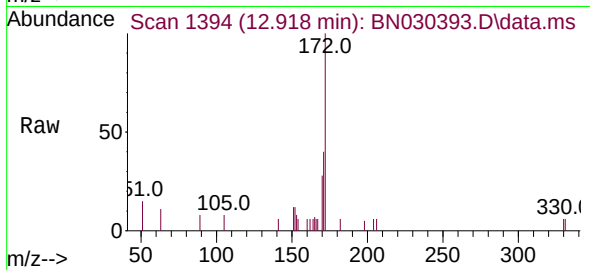




#15  
2-Fluorobiphenyl  
Concen: 0.247 ng  
RT: 12.918 min Scan# 1408  
Delta R.T. 0.011 min  
Lab File: BN030393.D  
Acq: 14 Mar 2024 12:20

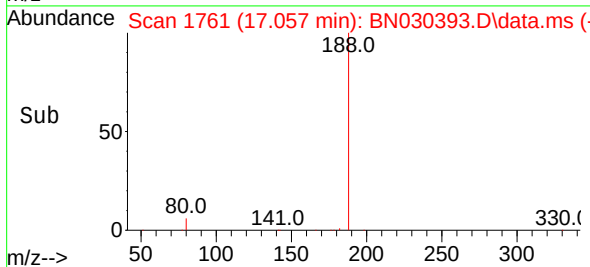
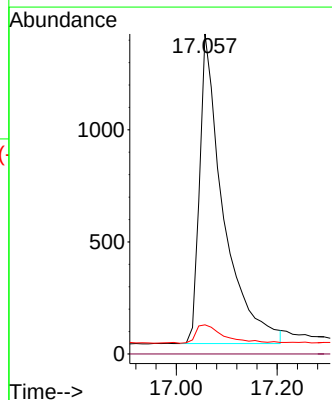
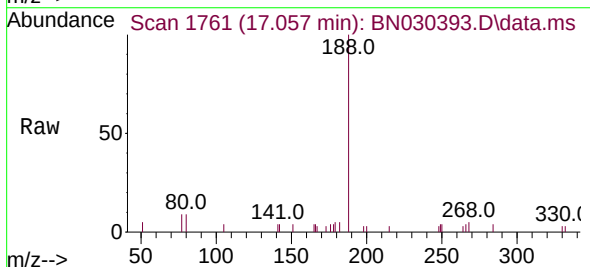
Instrument :  
BNA\_N  
ClientSampleId :  
PB159518BL

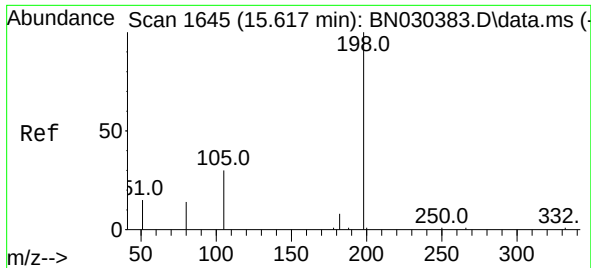
Tgt Ion:172 Resp: 2337  
Ion Ratio Lower Upper  
172 100  
171 40.3 31.0 46.6  
170 27.8 20.6 31.0



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.057 min Scan# 1761  
Delta R.T. 0.012 min  
Lab File: BN030393.D  
Acq: 14 Mar 2024 12:20

Tgt Ion:188 Resp: 4511  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.1 6.4 9.6

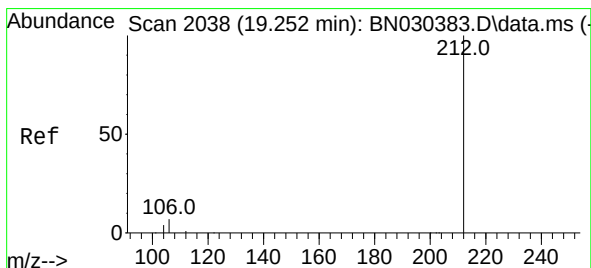
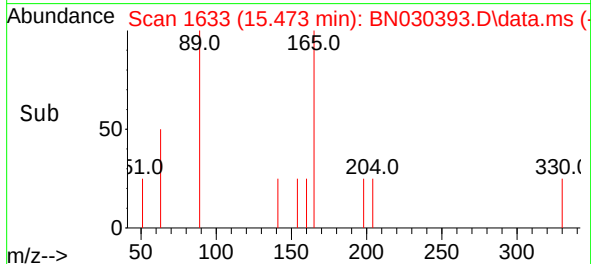
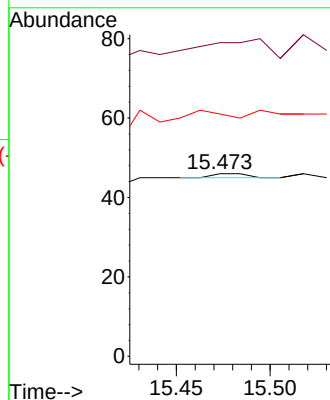
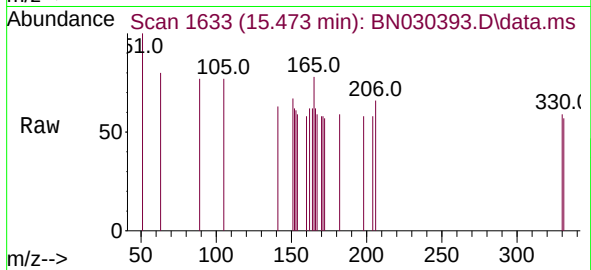




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.180 ng  
RT: 15.473 min Scan# 1  
Delta R.T. 0.021 min  
Lab File: BN030393.D  
Acq: 14 Mar 2024 12:20

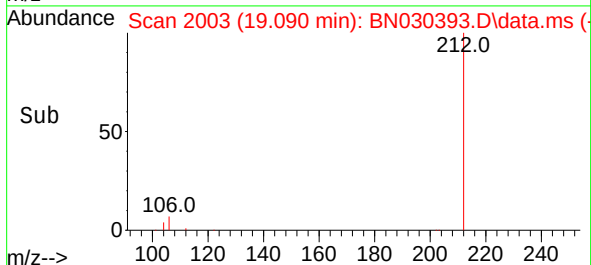
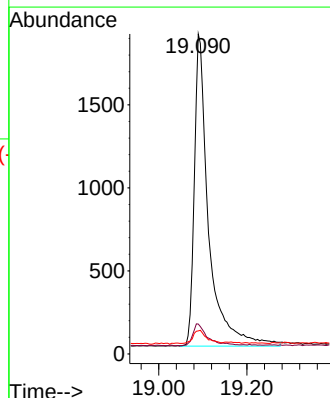
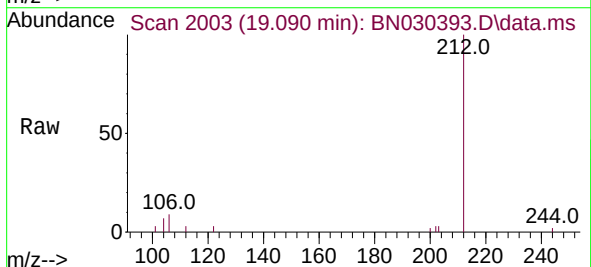
Instrument :  
BNA\_N  
ClientSampleId :  
PB159518BL

Tgt Ion:198 Resp: 1  
Ion Ratio Lower Upper  
198 100  
51 171.7 110.8 166.2#  
105 132.6 51.7 77.5#

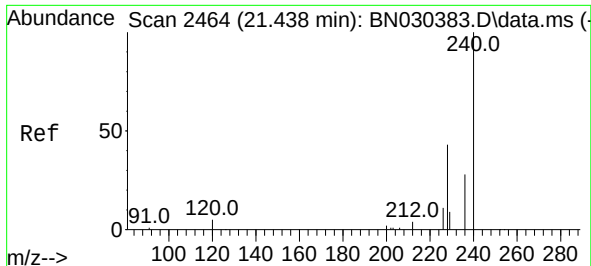


#27  
Fluoranthene-d10  
Concen: 0.324 ng  
RT: 19.090 min Scan# 2003  
Delta R.T. 0.005 min  
Lab File: BN030393.D  
Acq: 14 Mar 2024 12:20

Tgt Ion:212 Resp: 4245  
Ion Ratio Lower Upper  
212 100  
106 6.7 6.0 9.0  
104 4.1 3.4 5.0







#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.259 min Scan# 2464

Delta R.T. 0.009 min

Lab File: BN030393.D

Acq: 14 Mar 2024 12:20

Instrument :

BNA\_N

ClientSampleId :

PB159518BL

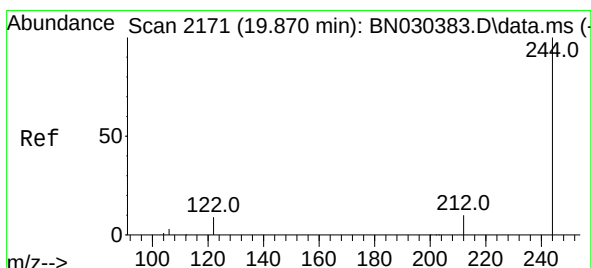
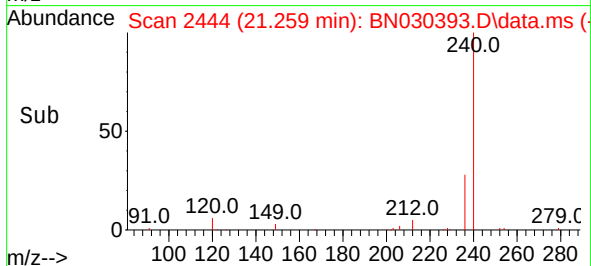
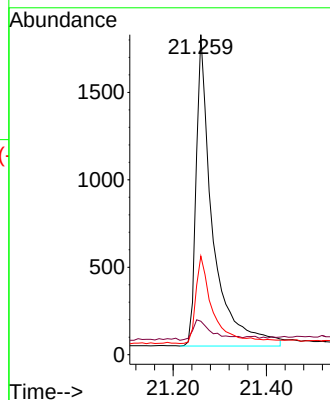
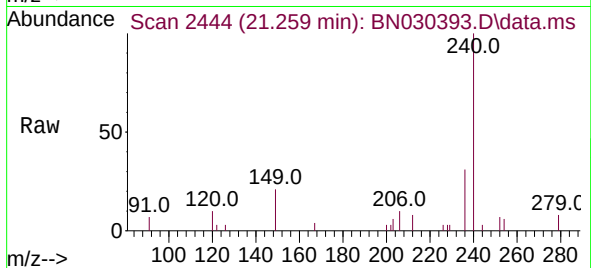
Tgt Ion:240 Resp: 4381

Ion Ratio Lower Upper

240 100

120 10.4 6.7 10.1#

236 30.8 23.8 35.8



#31

Terphenyl-d14

Concen: 0.337 ng

RT: 19.698 min Scan# 2134

Delta R.T. -0.000 min

Lab File: BN030393.D

Acq: 14 Mar 2024 12:20

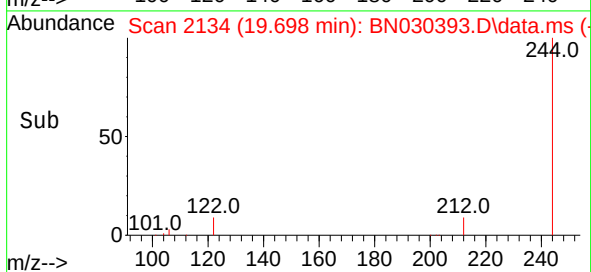
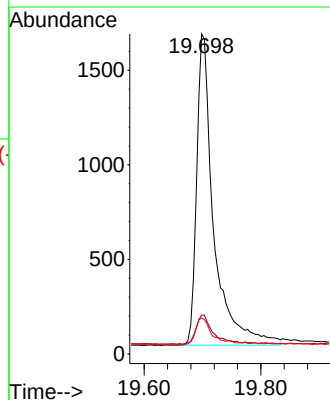
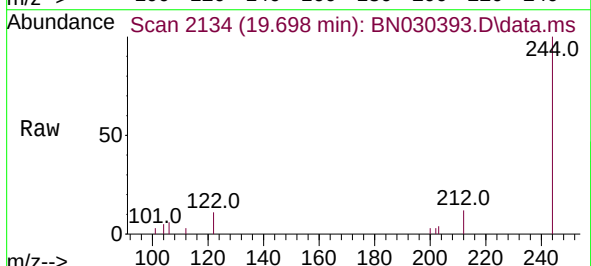
Tgt Ion:244 Resp: 3351

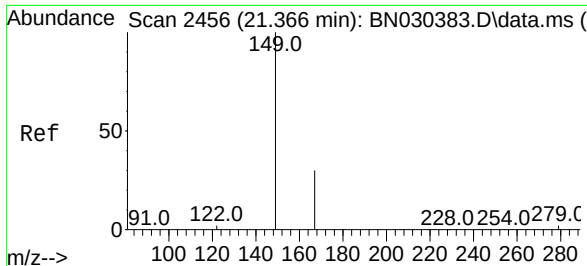
Ion Ratio Lower Upper

244 100

212 12.1 9.8 14.6

122 11.3 8.6 12.8

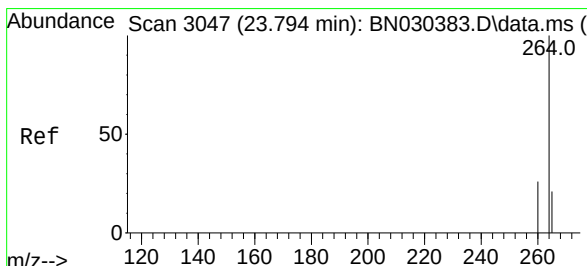
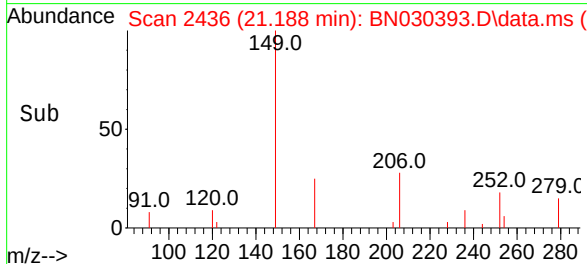
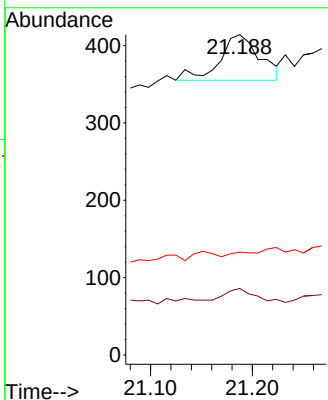
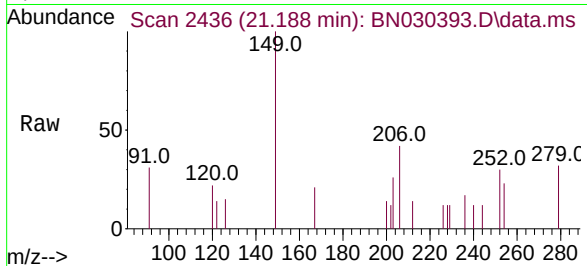




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.021 ng  
RT: 21.188 min Scan# 2436  
Delta R.T. -0.000 min  
Lab File: BN030393.D  
Acq: 14 Mar 2024 12:20

Instrument :  
BNA\_N  
ClientSampleId :  
PB159518BL

Tgt Ion:149 Resp: 161  
Ion Ratio Lower Upper  
149 100  
167 21.7 23.8 35.6#  
279 0.0 5.1 7.7#



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.490 min Scan# 2943  
Delta R.T. -0.000 min  
Lab File: BN030393.D  
Acq: 14 Mar 2024 12:20

Tgt Ion:264 Resp: 5281  
Ion Ratio Lower Upper  
264 100  
260 27.4 21.8 32.8  
265 74.7 50.6 75.8

