

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032825\  
 Data File : BN036795.D  
 Acq On : 29 Mar 2025 05:08  
 Operator : RC/JU  
 Sample : Q1620-02  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Mar 29 06:26:04 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 10 16:06:28 2025  
 Response via : Initial Calibration

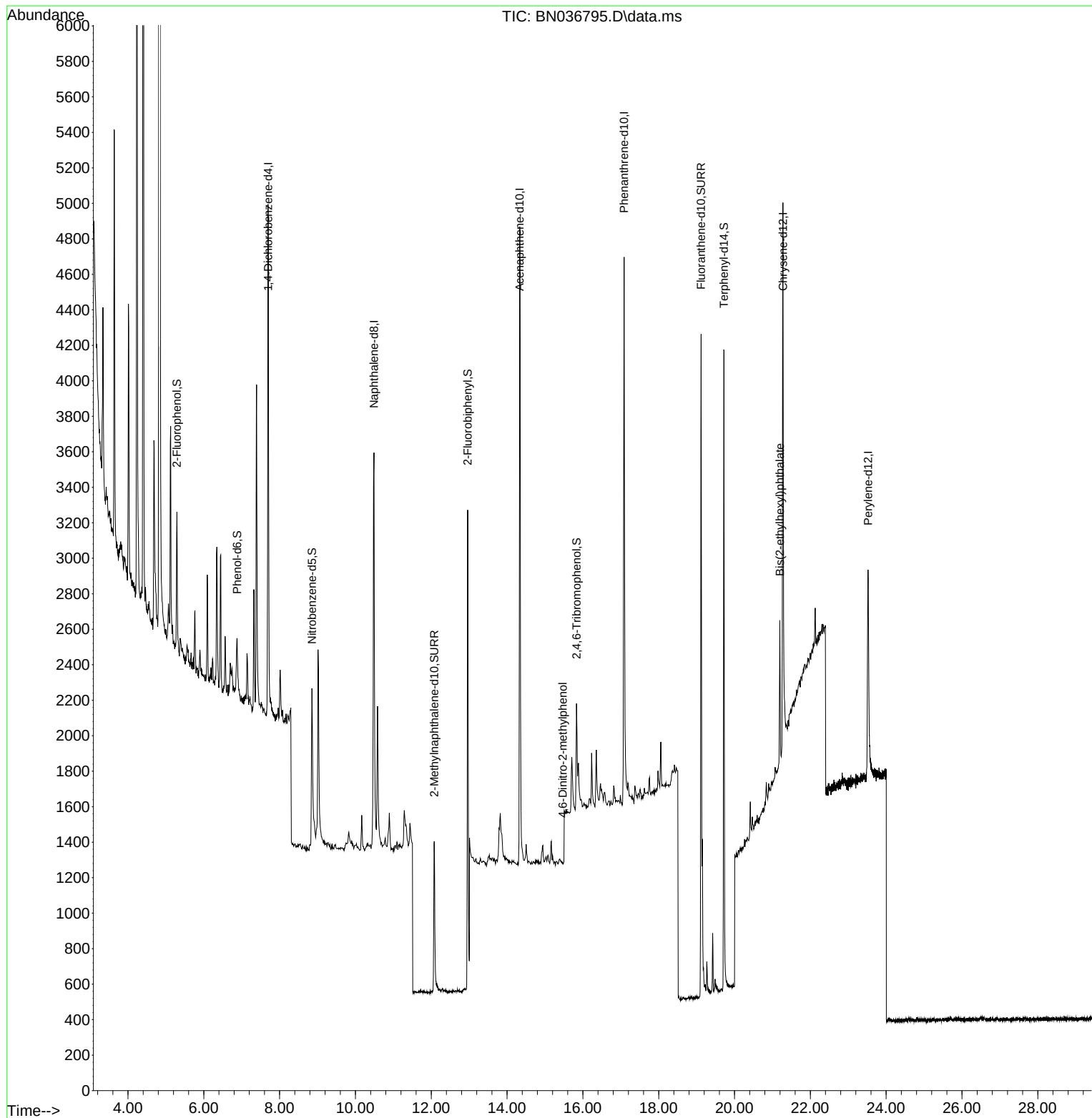
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.695  | 152  | 1483     | 0.400 | ng    | -0.03    |
| 7) Naphthalene-d8             | 10.487 | 136  | 3589     | 0.400 | ng    | -0.02    |
| 13) Acenaphthene-d10          | 14.334 | 164  | 2207     | 0.400 | ng    | -0.03    |
| 19) Phenanthrene-d10          | 17.086 | 188  | 4786     | 0.400 | ng    | -0.02    |
| 29) Chrysene-d12              | 21.277 | 240  | 3552     | 0.400 | ng    | -0.02    |
| 35) Perylene-d12              | 23.522 | 264  | 2034     | 0.400 | ng    | #-0.03   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.290  | 112  | 562      | 0.163 | ng    | -0.02    |
| 5) Phenol-d6                  | 6.879  | 99   | 363      | 0.085 | ng    | -0.02    |
| 8) Nitrobenzene-d5            | 8.854  | 82   | 1016     | 0.260 | ng    | -0.02    |
| 11) 2-Methylnaphthalene-d10   | 12.080 | 152  | 1479     | 0.277 | ng    | -0.03    |
| 14) 2,4,6-Tribromophenol      | 15.833 | 330  | 401      | 0.400 | ng    | -0.02    |
| 15) 2-Fluorobiphenyl          | 12.963 | 172  | 3845     | 0.299 | ng    | -0.03    |
| 27) Fluoranthene-d10          | 19.118 | 212  | 4462     | 0.364 | ng    | -0.02    |
| 31) Terphenyl-d14             | 19.722 | 244  | 3771     | 0.443 | ng    | -0.02    |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 20) 4,6-Dinitro-2-methylph... | 15.467 | 198  | 1        | 0.147 | ng    | # 3      |
| 34) Bis(2-ethylhexyl)phtha... | 21.196 | 149  | 844      | 0.096 | ng    | # 94     |
| -----                         |        |      |          |       |       |          |

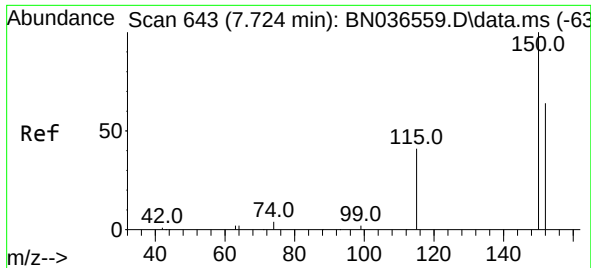
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032825\  
Data File : BN036795.D  
Acq On : 29 Mar 2025 05:08  
Operator : RC/JU  
Sample : Q1620-02  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :

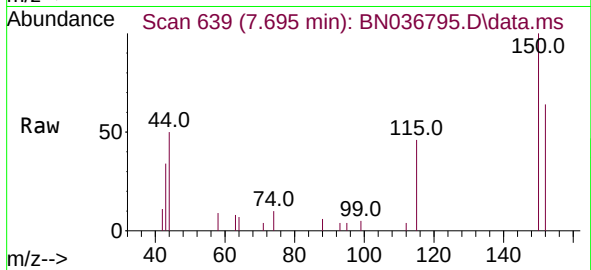
Quant Time: Mar 29 06:26:04 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 10 16:06:28 2025  
Response via : Initial Calibration



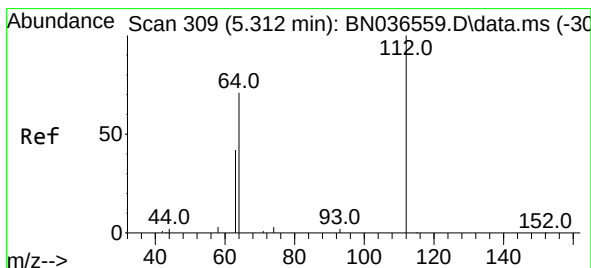
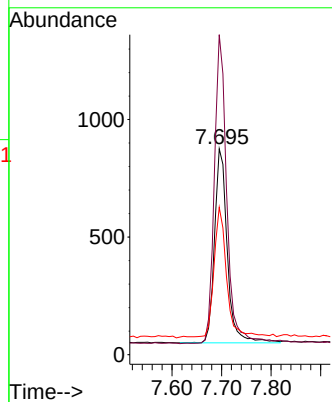
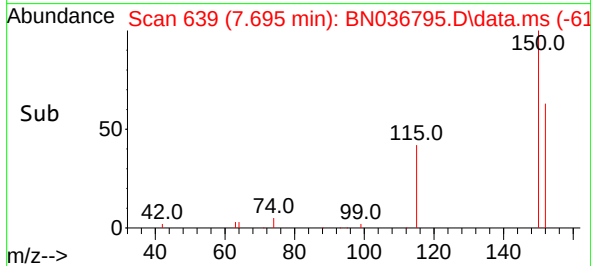


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.695 min Scan# 61  
 Delta R.T. -0.029 min  
 Lab File: BN036795.D  
 Acq: 29 Mar 2025 05:08

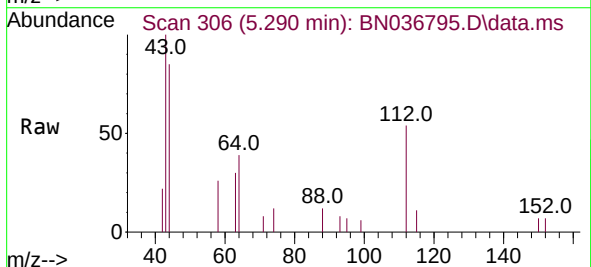
Instrument :  
 BNA\_N  
 ClientSampleId :



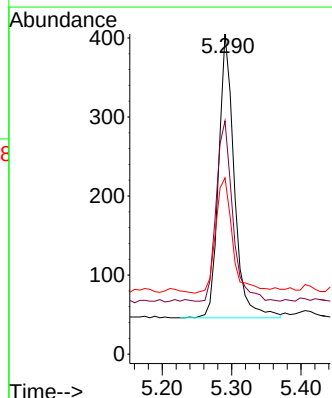
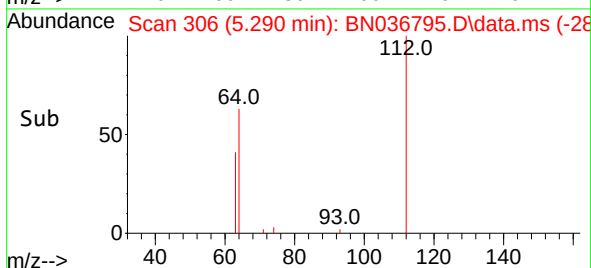
Tgt Ion:152 Resp: 1483  
 Ion Ratio Lower Upper  
 152 100  
 150 155.4 123.7 185.5  
 115 71.6 54.3 81.5

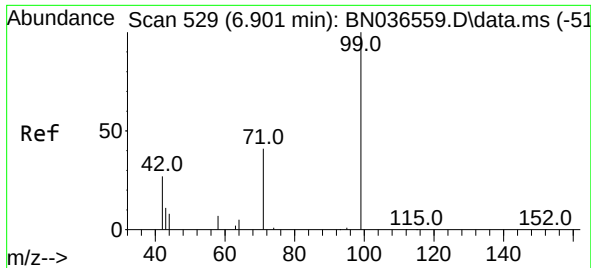


#4  
 2-Fluorophenol  
 Concen: 0.163 ng  
 RT: 5.290 min Scan# 306  
 Delta R.T. -0.022 min  
 Lab File: BN036795.D  
 Acq: 29 Mar 2025 05:08



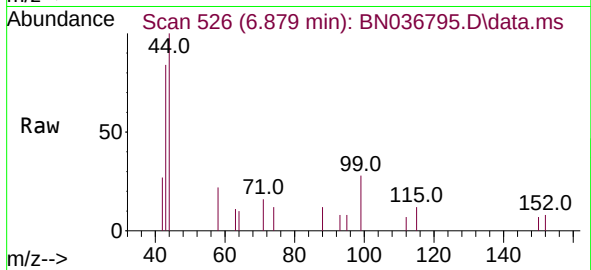
Tgt Ion:112 Resp: 562  
 Ion Ratio Lower Upper  
 112 100  
 64 66.5 53.1 79.7  
 63 44.5 31.8 47.8



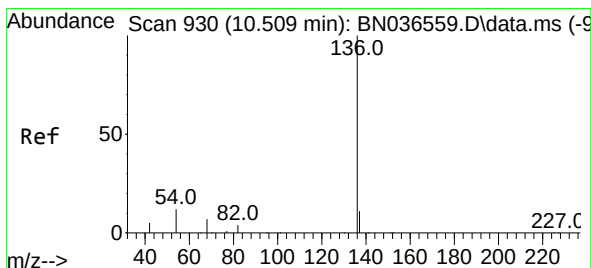
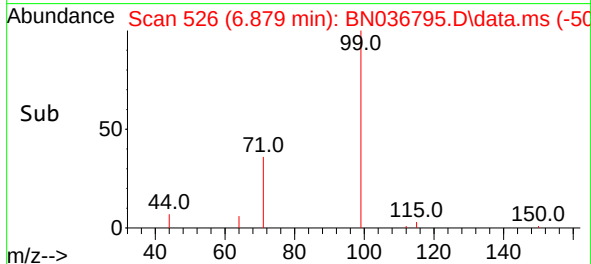
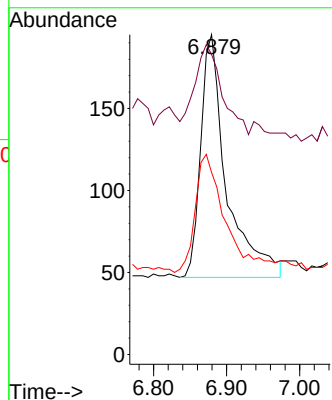


#5  
Phenol-d6  
Concen: 0.085 ng  
RT: 6.879 min Scan# 51  
Delta R.T. -0.022 min  
Lab File: BN036795.D  
Acq: 29 Mar 2025 05:08

Instrument :  
BNA\_N  
ClientSampleId :

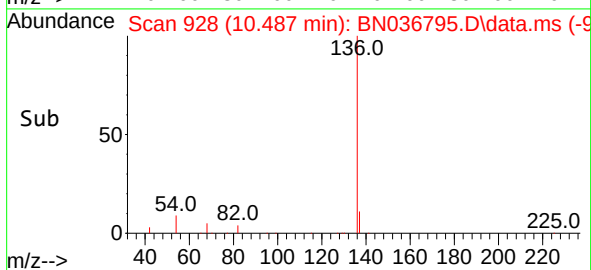
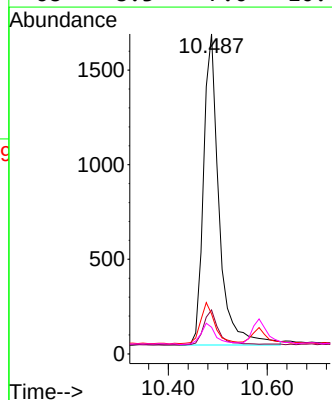
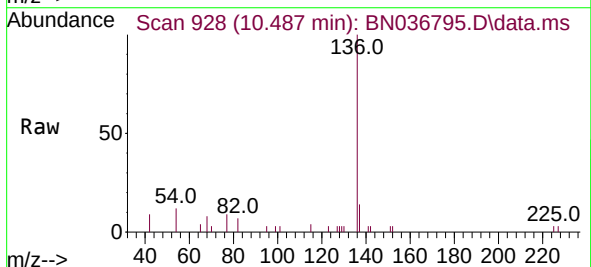


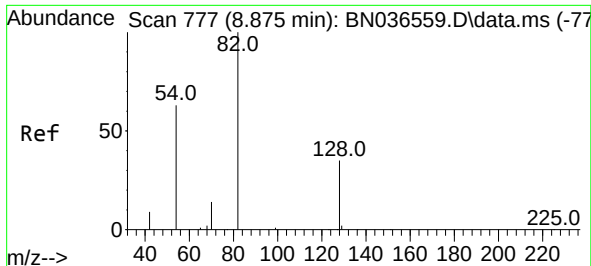
Tgt Ion: 99 Resp: 363  
Ion Ratio Lower Upper  
99 100  
42 39.4 26.5 39.7  
71 56.7 34.1 51.1#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.487 min Scan# 928  
Delta R.T. -0.021 min  
Lab File: BN036795.D  
Acq: 29 Mar 2025 05:08

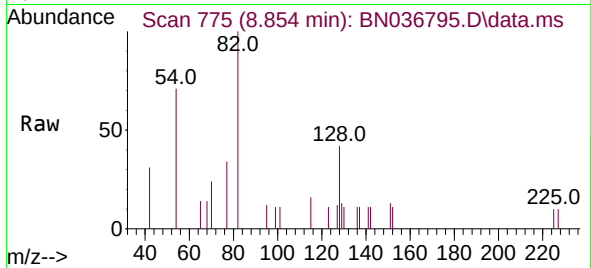
Tgt Ion: 136 Resp: 3589  
Ion Ratio Lower Upper  
136 100  
137 13.7 10.3 15.5  
54 12.5 11.5 17.3  
68 8.3 7.0 10.4



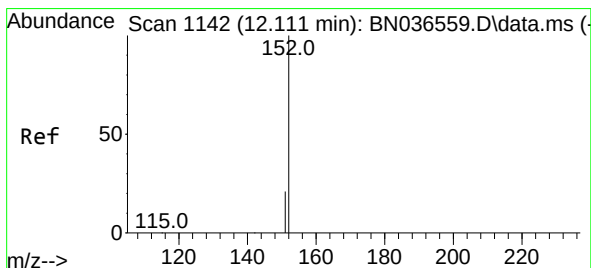
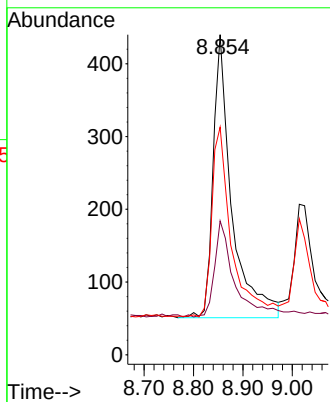
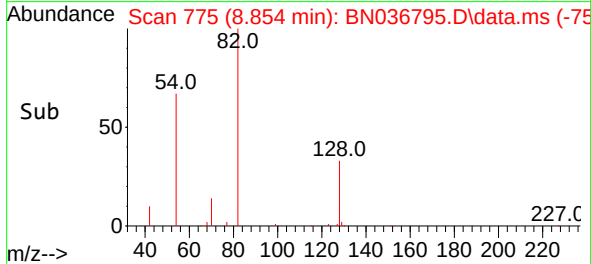


#8  
 Nitrobenzene-d5  
 Concen: 0.260 ng  
 RT: 8.854 min Scan# 71  
 Delta R.T. -0.021 min  
 Lab File: BN036795.D  
 Acq: 29 Mar 2025 05:08

Instrument :  
 BNA\_N  
 ClientSampleId :

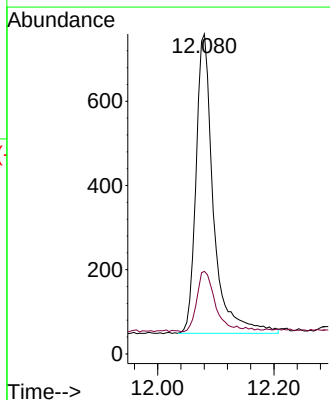
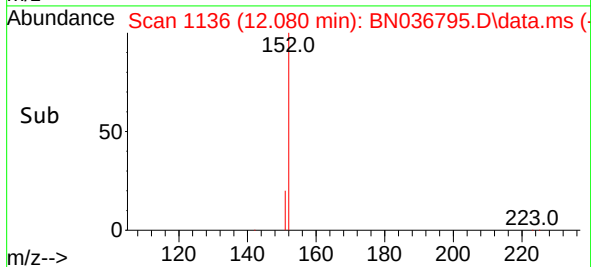
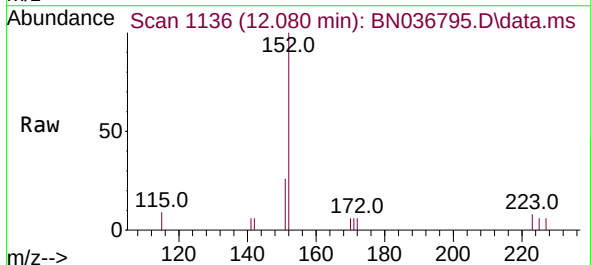


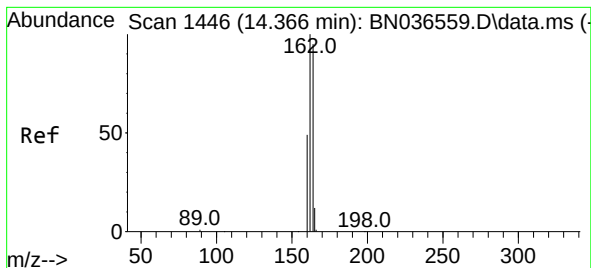
Tgt Ion: 82 Resp: 1016  
 Ion Ratio Lower Upper  
 82 100  
 128 41.8 30.6 45.8  
 54 71.1 52.2 78.4



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.277 ng  
 RT: 12.080 min Scan# 1136  
 Delta R.T. -0.030 min  
 Lab File: BN036795.D  
 Acq: 29 Mar 2025 05:08

Tgt Ion: 152 Resp: 1479  
 Ion Ratio Lower Upper  
 152 100  
 151 21.2 17.0 25.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.334 min Scan# 1443

Delta R.T. -0.032 min

Lab File: BN036795.D

Acq: 29 Mar 2025 05:08

Instrument :

BNA\_N

ClientSampleId :

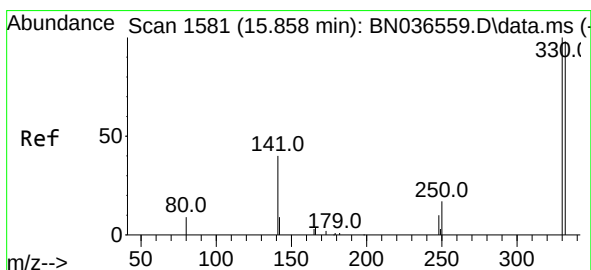
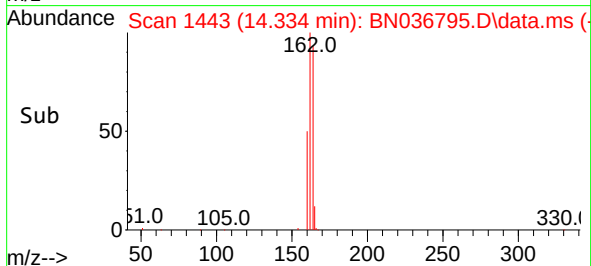
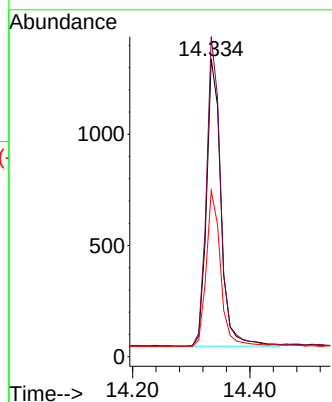
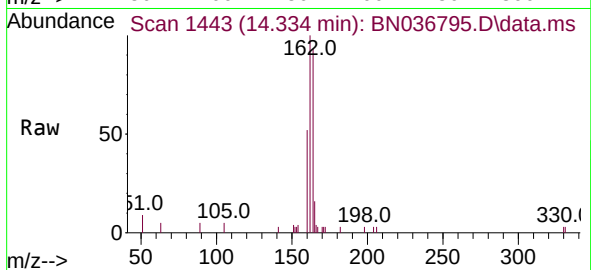
Tgt Ion:164 Resp: 2207

Ion Ratio Lower Upper

164 100

162 107.5 84.2 126.2

160 55.7 42.2 63.2



#14

2,4,6-Tribromophenol

Concen: 0.400 ng

RT: 15.833 min Scan# 1579

Delta R.T. -0.025 min

Lab File: BN036795.D

Acq: 29 Mar 2025 05:08

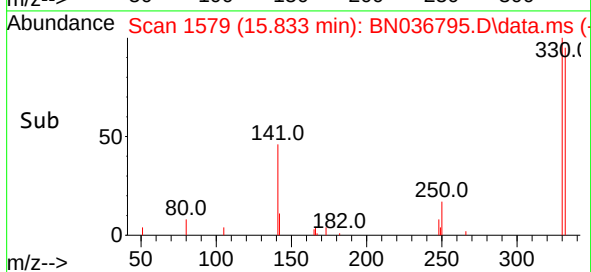
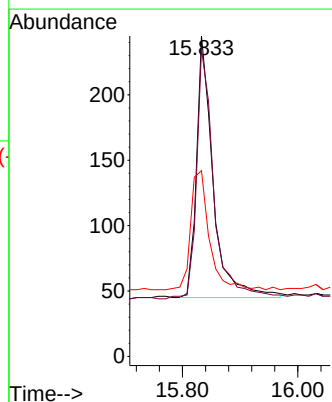
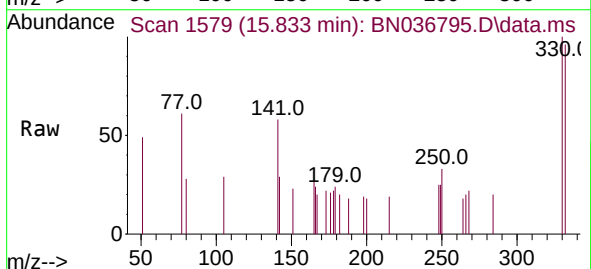
Tgt Ion:330 Resp: 401

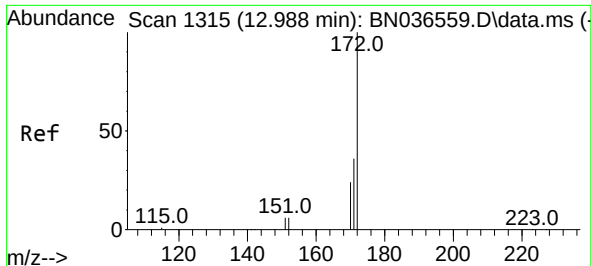
Ion Ratio Lower Upper

330 100

332 99.3 75.2 112.8

141 52.1 43.4 65.2

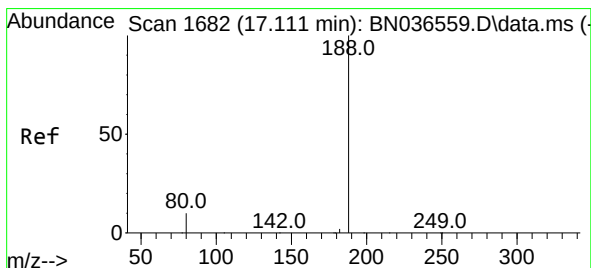
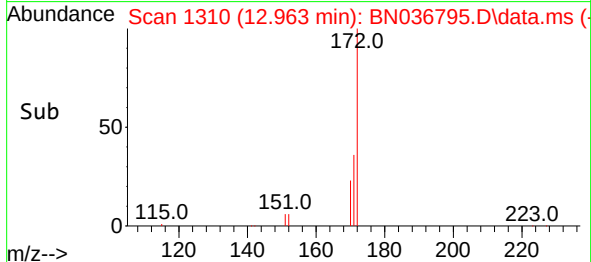
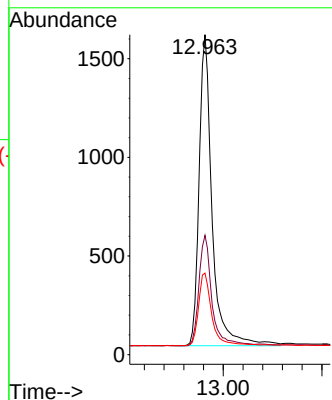
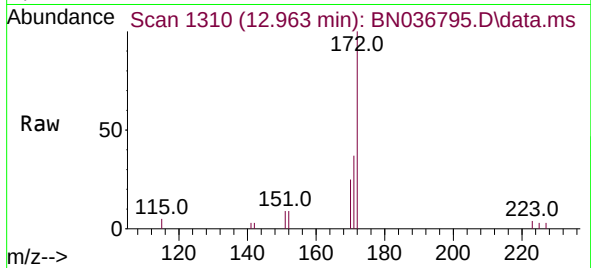




#15  
2-Fluorobiphenyl  
Concen: 0.299 ng  
RT: 12.963 min Scan# 11  
Delta R.T. -0.025 min  
Lab File: BN036795.D  
Acq: 29 Mar 2025 05:08

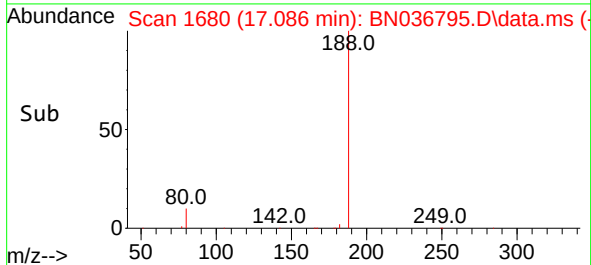
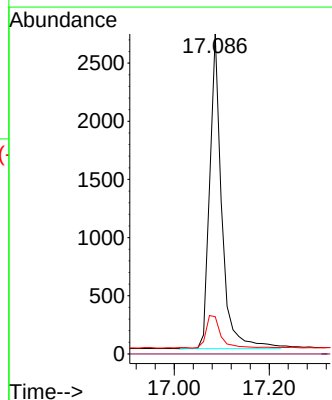
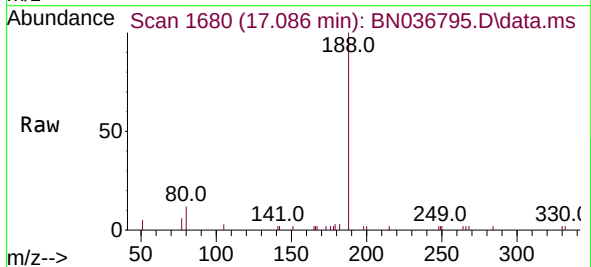
Instrument :  
BNA\_N  
ClientSampleId :

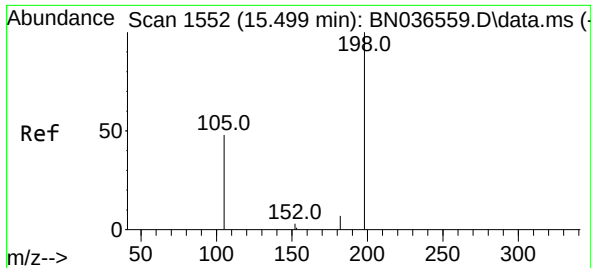
Tgt Ion:172 Resp: 3845  
Ion Ratio Lower Upper  
172 100  
171 37.3 29.5 44.3  
170 25.5 20.2 30.4



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.086 min Scan# 1680  
Delta R.T. -0.025 min  
Lab File: BN036795.D  
Acq: 29 Mar 2025 05:08

Tgt Ion:188 Resp: 4786  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.6 8.8 13.2

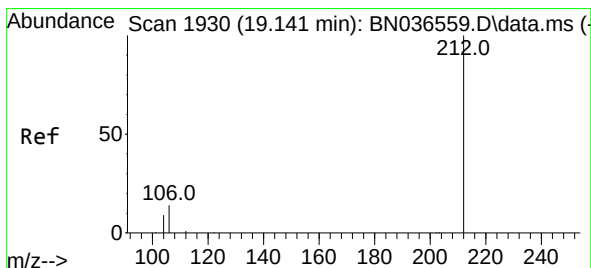
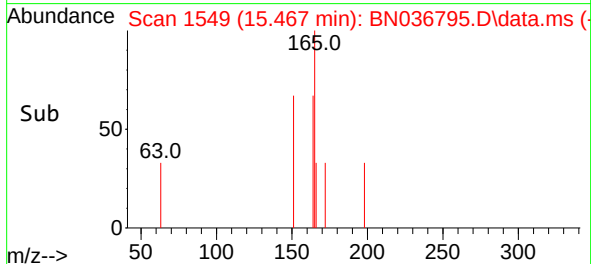
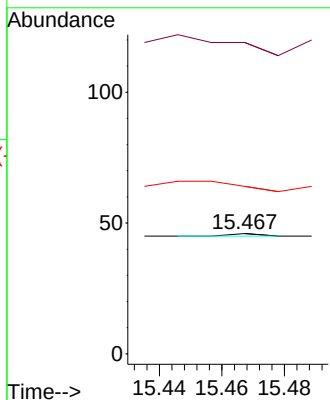
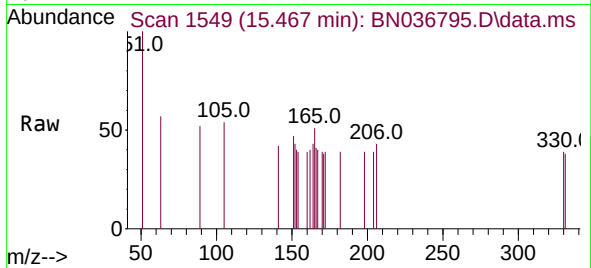




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.147 ng  
RT: 15.467 min Scan# 11  
Delta R.T. -0.032 min  
Lab File: BN036795.D  
Acq: 29 Mar 2025 05:08

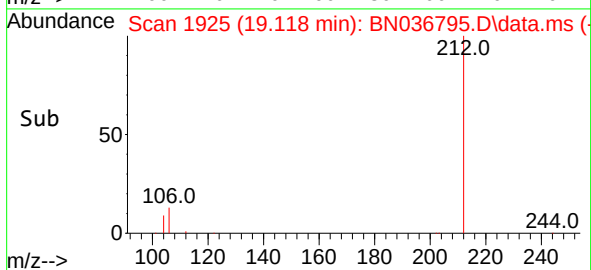
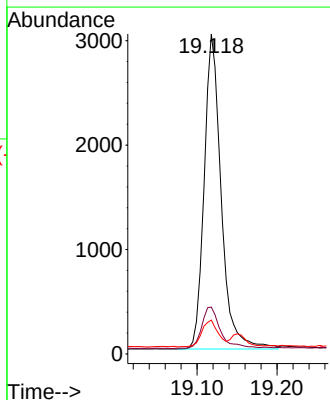
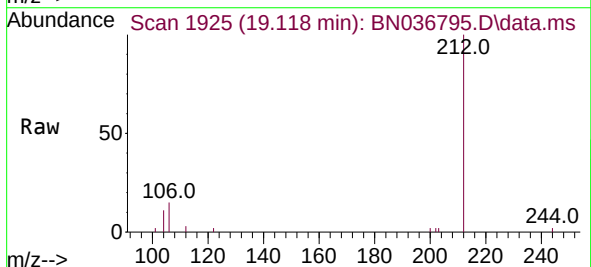
Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:198 Resp: 1  
Ion Ratio Lower Upper  
198 100  
51 258.7 107.9 161.9#  
105 139.1 56.2 84.2#

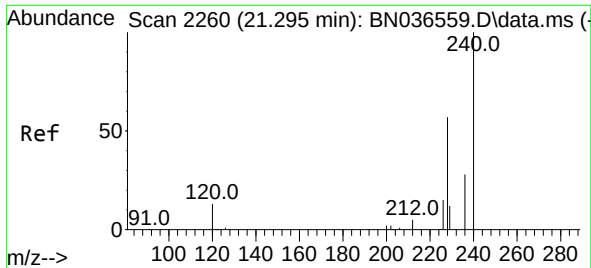


#27  
Fluoranthene-d10  
Concen: 0.364 ng  
RT: 19.118 min Scan# 1925  
Delta R.T. -0.023 min  
Lab File: BN036795.D  
Acq: 29 Mar 2025 05:08

Tgt Ion:212 Resp: 4462  
Ion Ratio Lower Upper  
212 100  
106 14.5 11.8 17.6  
104 8.2 7.3 10.9

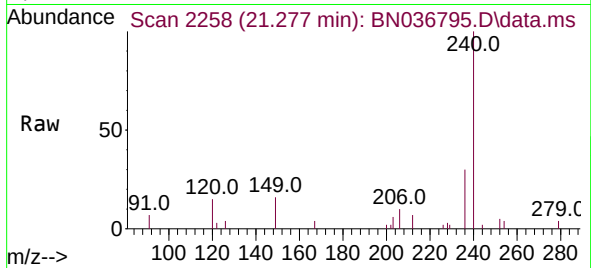




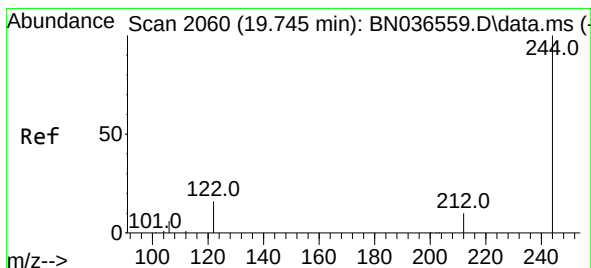
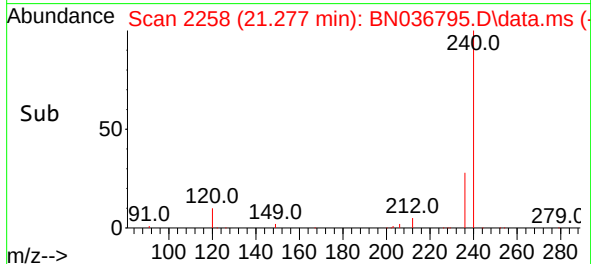
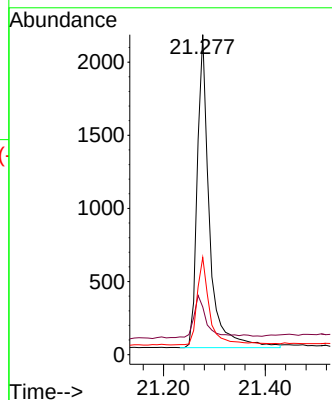


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.277 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BN036795.D  
Acq: 29 Mar 2025 05:08

Instrument :  
BNA\_N  
ClientSampleId :

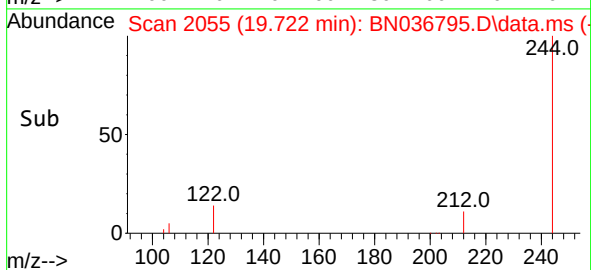
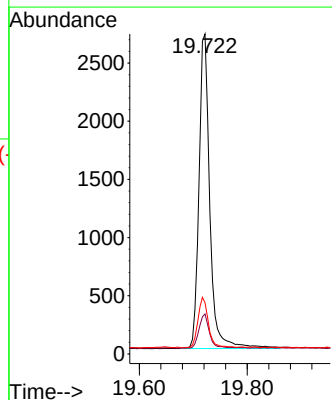
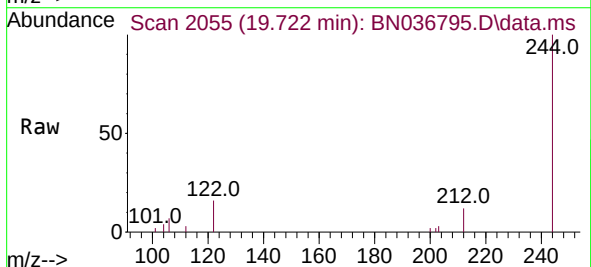


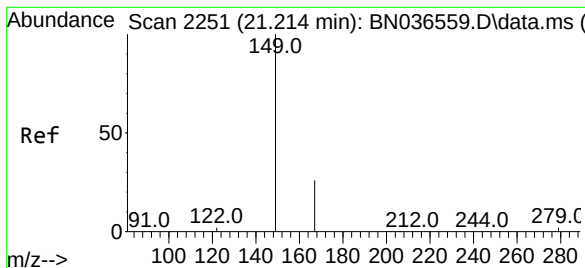
Tgt Ion:240 Resp: 3552  
Ion Ratio Lower Upper  
240 100  
120 14.9 14.6 22.0  
236 30.4 24.1 36.1



#31  
Terphenyl-d14  
Concen: 0.443 ng  
RT: 19.722 min Scan# 2055  
Delta R.T. -0.023 min  
Lab File: BN036795.D  
Acq: 29 Mar 2025 05:08

Tgt Ion:244 Resp: 3771  
Ion Ratio Lower Upper  
244 100  
212 12.5 9.6 14.4  
122 16.0 13.9 20.9

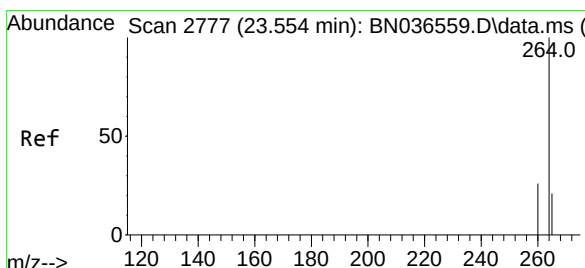
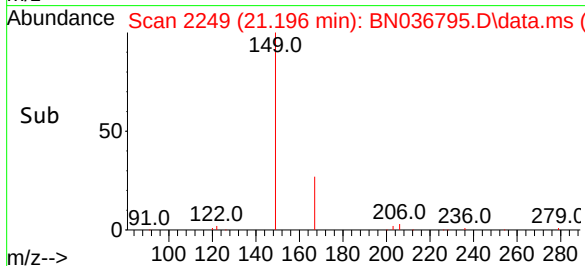
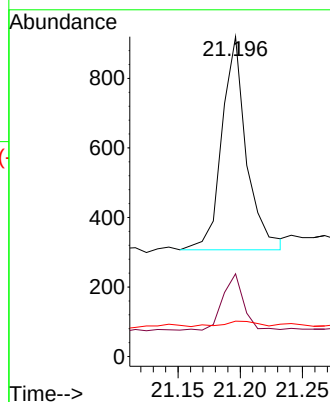
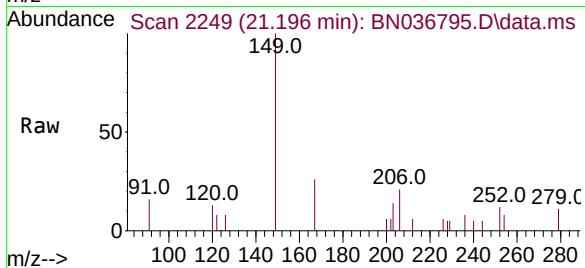




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.096 ng  
 RT: 21.196 min Scan# 211  
 Delta R.T. -0.018 min  
 Lab File: BN036795.D  
 Acq: 29 Mar 2025 05:08

Instrument :  
 BNA\_N  
 ClientSampleId :

Tgt Ion:149 Resp: 844  
 Ion Ratio Lower Upper  
 149 100  
 167 22.3 20.7 31.1  
 279 3.6 3.6 5.4#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.522 min Scan# 2766  
 Delta R.T. -0.032 min  
 Lab File: BN036795.D  
 Acq: 29 Mar 2025 05:08

Tgt Ion:264 Resp: 2034  
 Ion Ratio Lower Upper  
 264 100  
 260 29.1 22.6 33.8  
 265 135.1 88.1 132.1#

