

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM110123\  
 Data File : BM042548.D  
 Acq On : 01 Nov 2023 20:13  
 Operator : MA/JU  
 Sample : 05162-01 2X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 HD-01-10302023

Quant Time: Nov 01 23:44:57 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM103023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 31 02:55:18 2023  
 Response via : Initial Calibration

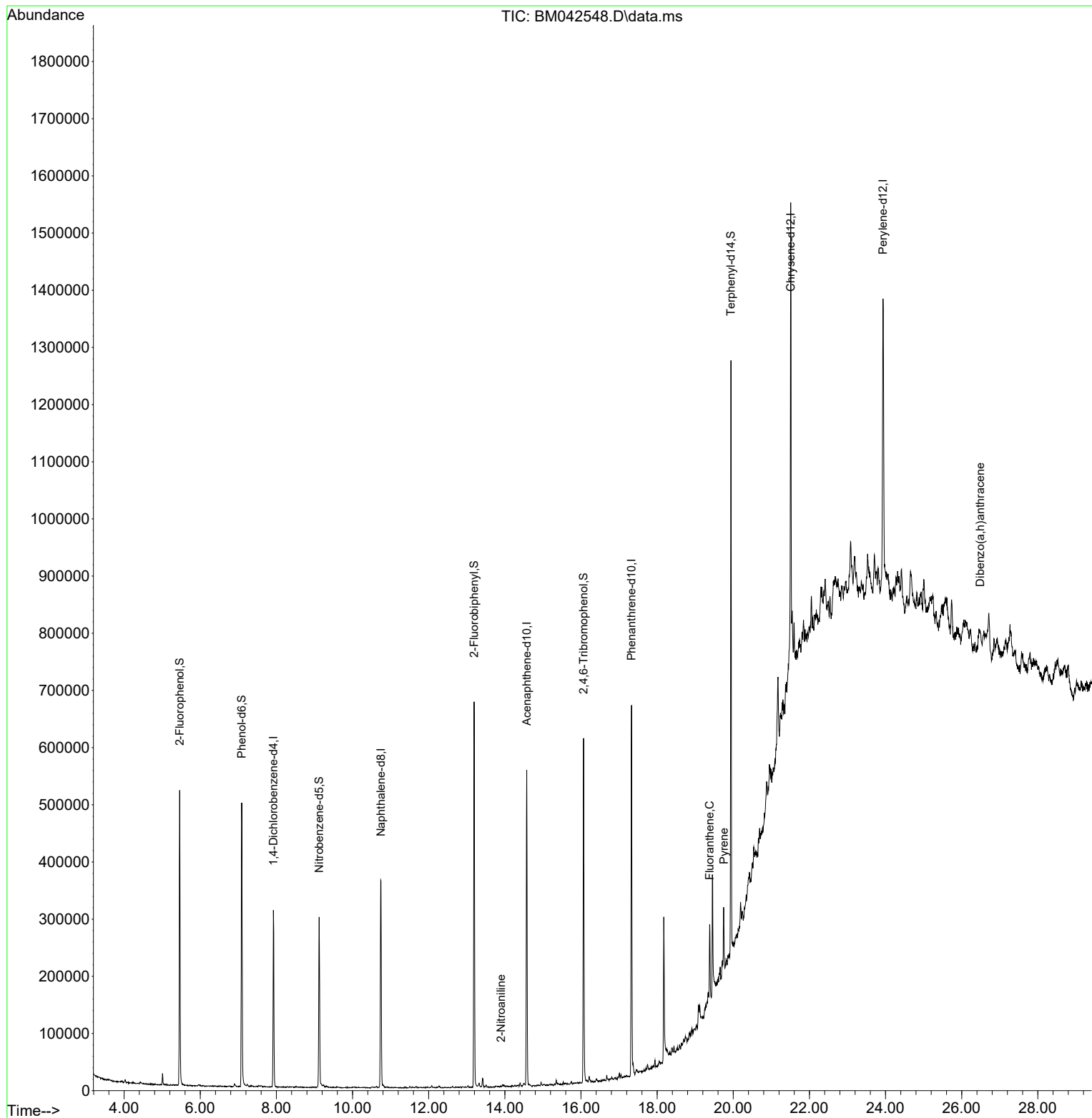
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.922  | 152  | 73702    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.745 | 136  | 273197   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.574 | 164  | 167676   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.327 | 188  | 362126   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.509 | 240  | 343217   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 23.933 | 264  | 381273   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.457  | 112  | 191331   | 41.896 | ng    | 0.00     |
| 7) Phenol-d6                | 7.087  | 99   | 246484   | 39.355 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.122  | 82   | 166331   | 28.382 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.068 | 330  | 95321    | 43.542 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.192 | 172  | 313440   | 25.154 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.939 | 244  | 446642   | 22.066 | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 48) 2-Nitroaniline          | 13.904 | 65   | 54       | 4.364  | ng    | # 13     |
| 75) Fluoranthene            | 19.380 | 202  | 77433    | 3.483  | ng    | 97       |
| 78) Pyrene                  | 19.750 | 202  | 68073    | 2.888  | ng    | 95       |
| 91) Dibenzo(a,h)anthracene  | 26.485 | 278  | 9156     | 4.537  | ng    | # 7      |
| -----                       |        |      |          |        |       |          |

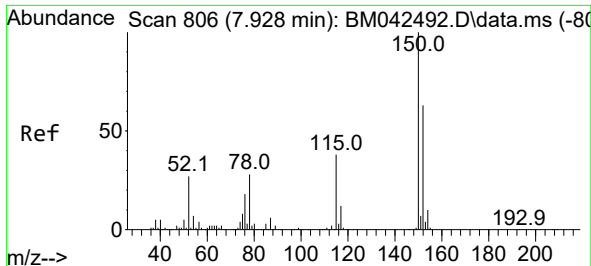
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM110123\  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM103023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Oct 31 02:55:18 2023  
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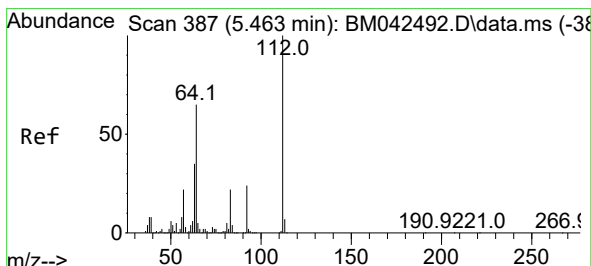
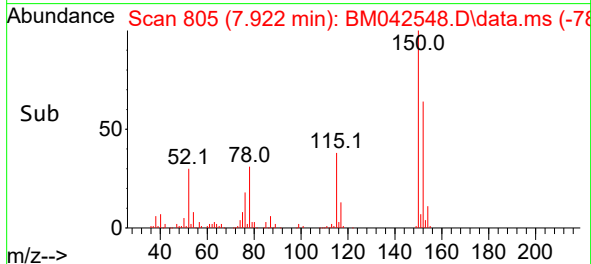
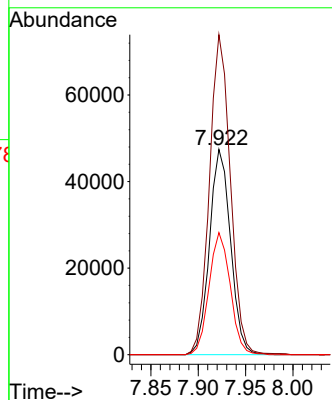
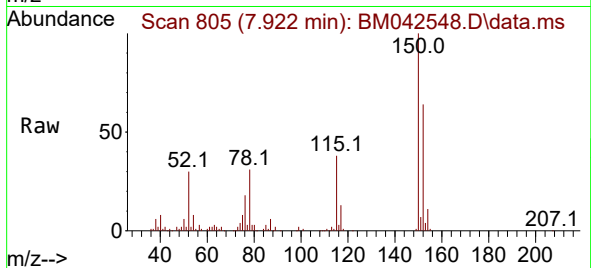




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.922 min Scan# 806  
Delta R.T. -0.006 min  
Lab File: BM042548.D  
Acq: 01 Nov 2023 20:13

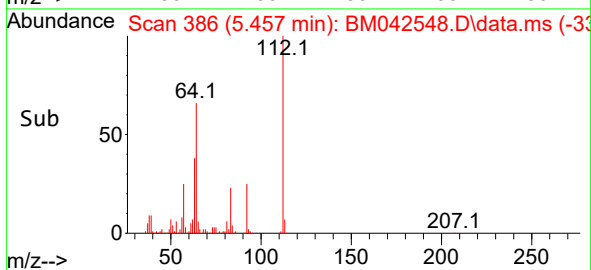
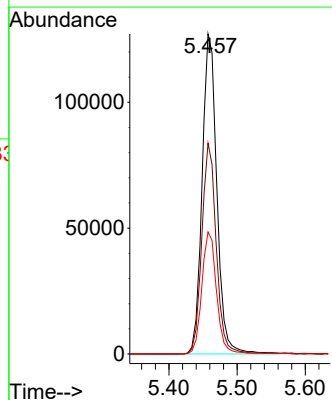
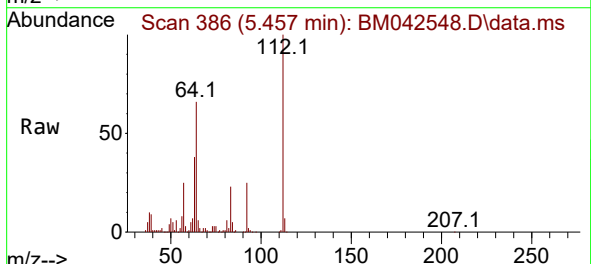
Instrument :  
BNA\_M  
ClientSampleId :  
HD-01-10302023

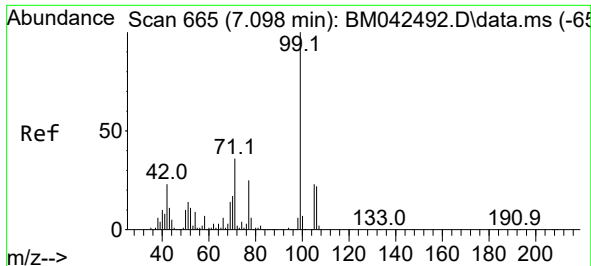
Tgt Ion:152 Resp: 73702  
Ion Ratio Lower Upper  
152 100  
150 155.9 127.4 191.0  
115 59.5 47.9 71.9



#5  
2-Fluorophenol  
Concen: 41.896 ng  
RT: 5.457 min Scan# 386  
Delta R.T. -0.006 min  
Lab File: BM042548.D  
Acq: 01 Nov 2023 20:13

Tgt Ion:112 Resp: 191331  
Ion Ratio Lower Upper  
112 100  
64 65.8 52.1 78.1  
63 38.2 28.3 42.5

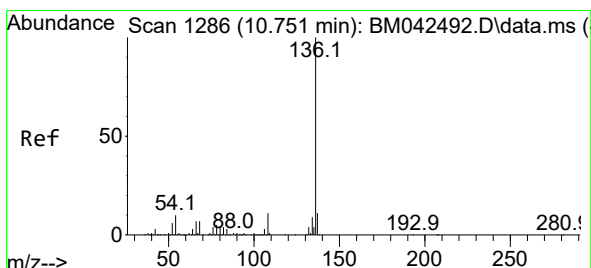
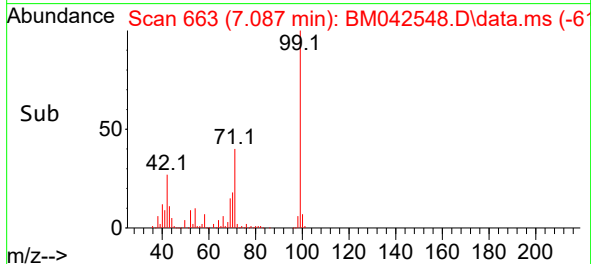
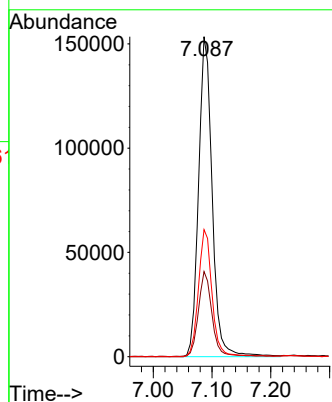
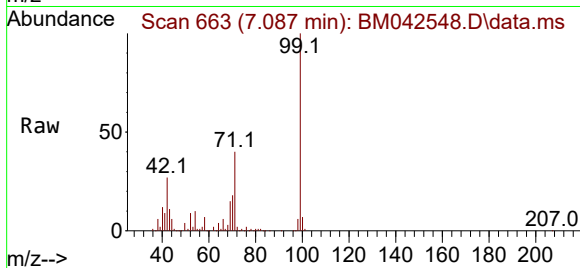




#7  
Phenol-d6  
Concen: 39.355 ng  
RT: 7.087 min Scan# 60  
Delta R.T. -0.012 min  
Lab File: BM042548.D  
Acq: 01 Nov 2023 20:13

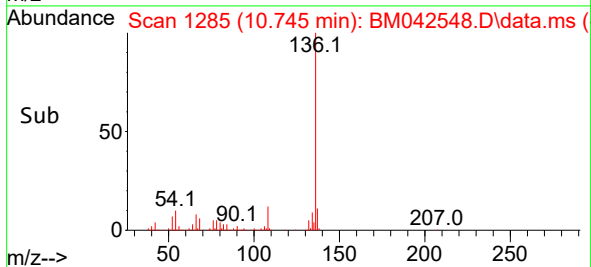
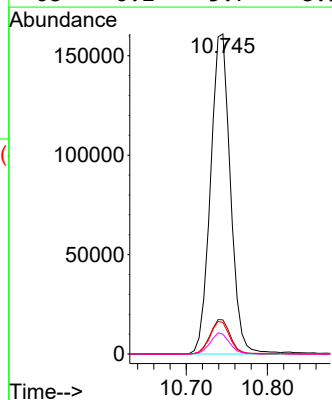
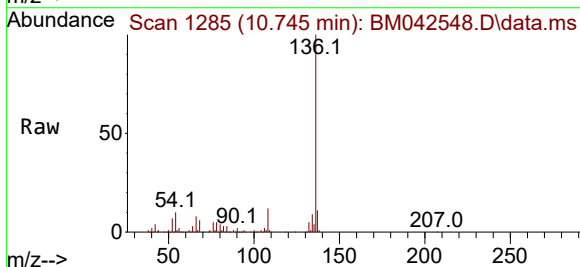
Instrument :  
BNA\_M  
ClientSampleId :  
HD-01-10302023

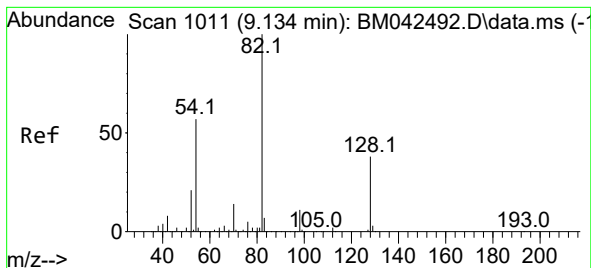
Tgt Ion: 99 Resp: 246484  
Ion Ratio Lower Upper  
99 100  
42 26.6 18.7 28.1  
71 39.7 29.1 43.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.745 min Scan# 1285  
Delta R.T. -0.006 min  
Lab File: BM042548.D  
Acq: 01 Nov 2023 20:13

Tgt Ion: 136 Resp: 273197  
Ion Ratio Lower Upper  
136 100  
137 10.6 9.0 13.6  
54 9.9 8.0 12.0  
68 6.2 5.7 8.5





#23

Nitrobenzene-d5

Concen: 28.382 ng

RT: 9.122 min Scan# 1009

Delta R.T. -0.012 min

Lab File: BM042548.D

Acq: 01 Nov 2023 20:13

Instrument :

BNA\_M

ClientSampleId :

HD-01-10302023

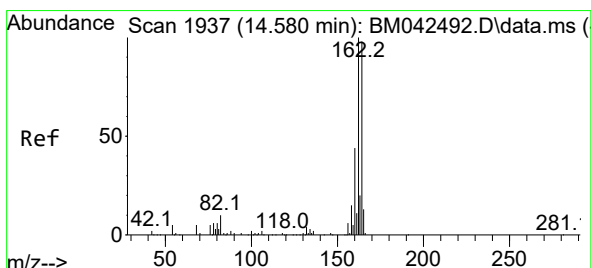
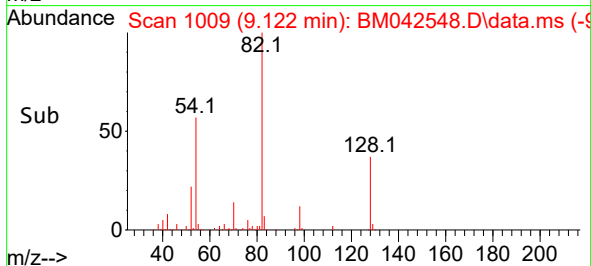
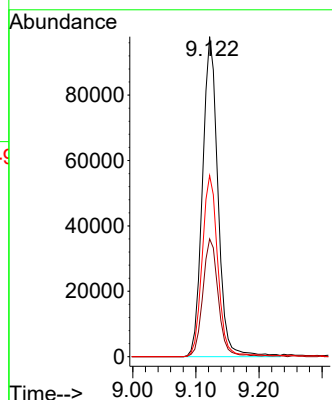
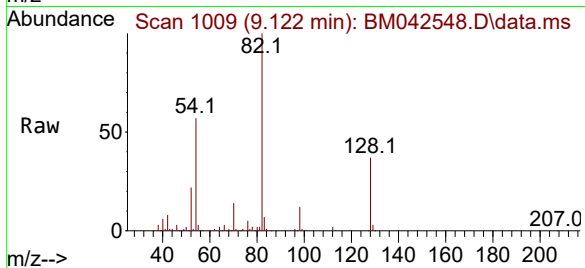
Tgt Ion: 82 Resp: 166331

Ion Ratio Lower Upper

82 100

128 36.8 30.7 46.1

54 56.6 45.3 67.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.574 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BM042548.D

Acq: 01 Nov 2023 20:13

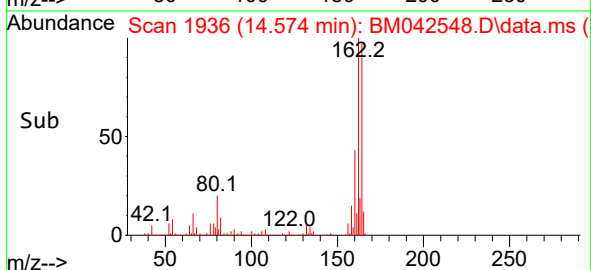
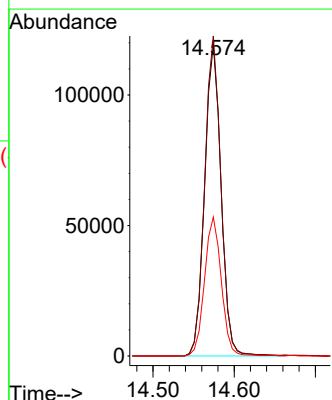
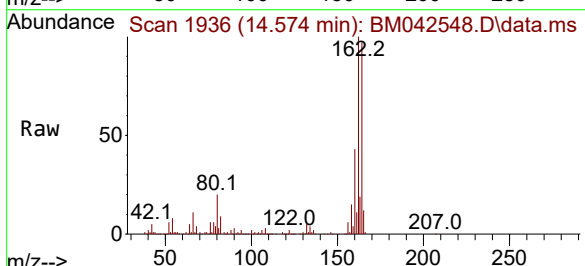
Tgt Ion: 164 Resp: 167676

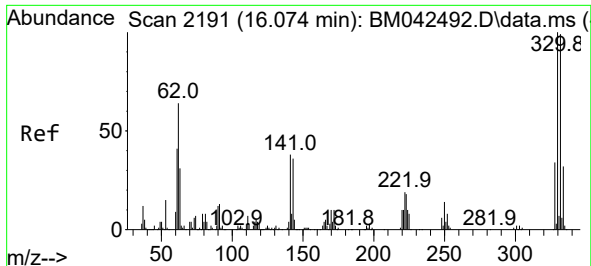
Ion Ratio Lower Upper

164 100

162 102.7 81.6 122.4

160 44.6 36.2 54.4

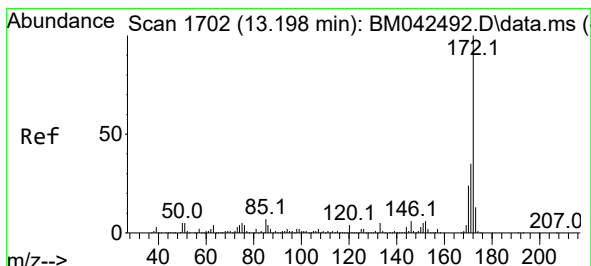
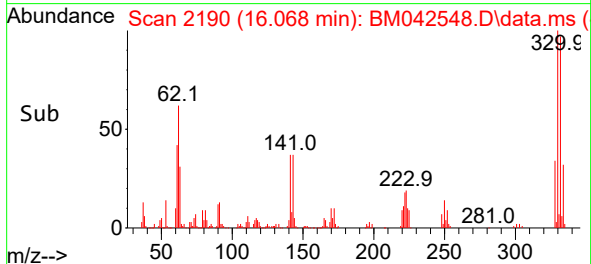
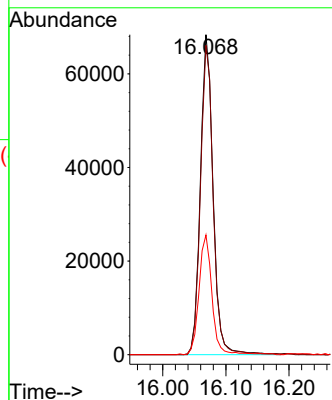
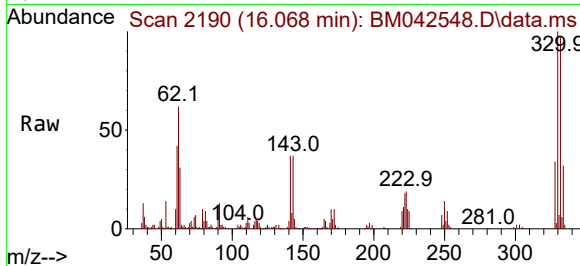




#42  
2,4,6-Tribromophenol  
Concen: 43.542 ng  
RT: 16.068 min Scan# 2191  
Delta R.T. -0.006 min  
Lab File: BM042548.D  
Acq: 01 Nov 2023 20:13

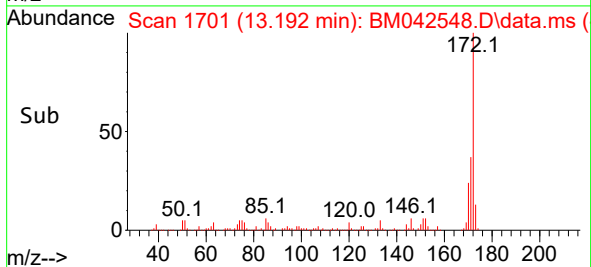
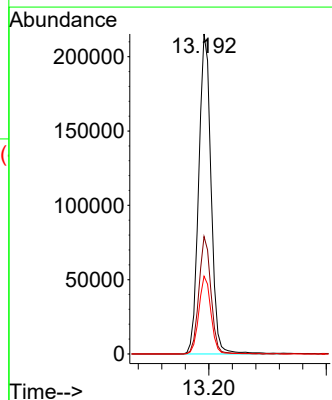
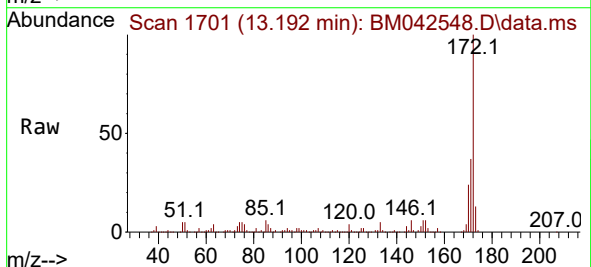
Instrument :  
BNA\_M  
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HD-01-10302023

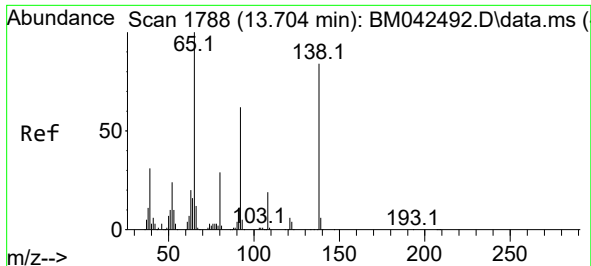
Tgt Ion:330 Resp: 95321  
Ion Ratio Lower Upper  
330 100  
332 96.7 78.8 118.2  
141 38.4 31.1 46.7



#45  
2-Fluorobiphenyl  
Concen: 25.154 ng  
RT: 13.192 min Scan# 1701  
Delta R.T. -0.006 min  
Lab File: BM042548.D  
Acq: 01 Nov 2023 20:13

Tgt Ion:172 Resp: 313440  
Ion Ratio Lower Upper  
172 100  
171 36.7 28.2 42.2  
170 24.3 19.0 28.4

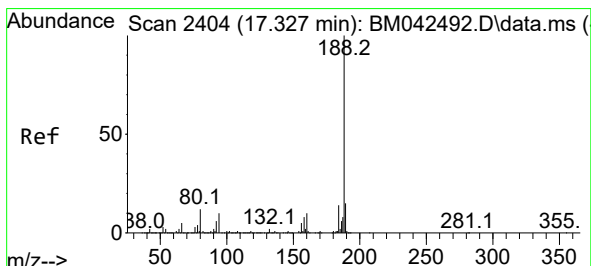
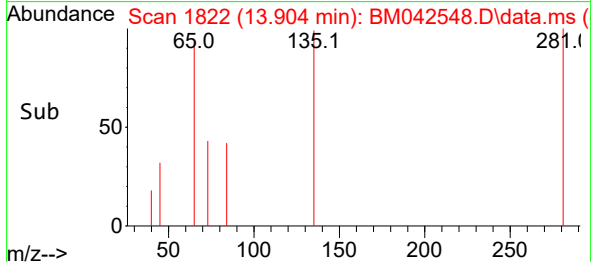
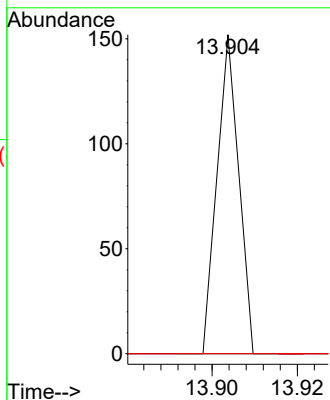
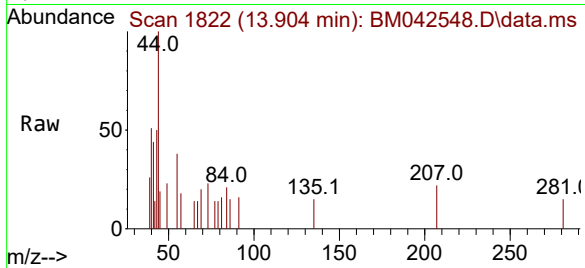




#48  
2-Nitroaniline  
Concen: 4.364 ng  
RT: 13.904 min Scan# 11  
Delta R.T. 0.200 min  
Lab File: BM042548.D  
Acq: 01 Nov 2023 20:13

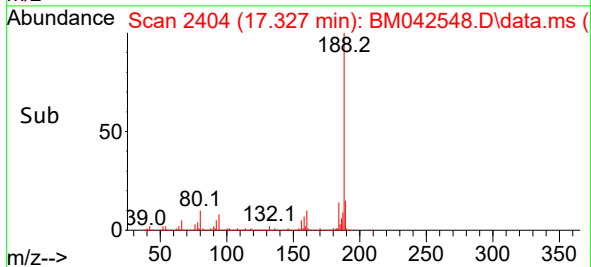
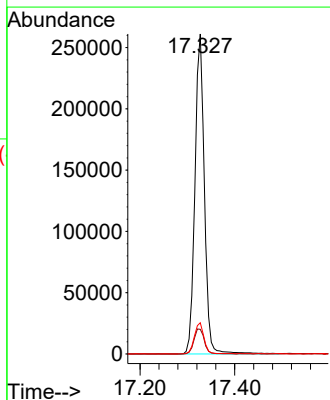
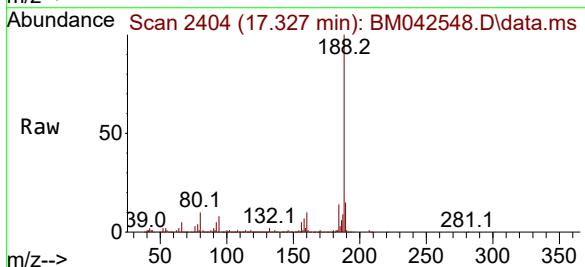
Instrument :  
BNA\_M  
ClientSampleId :  
HD-01-10302023

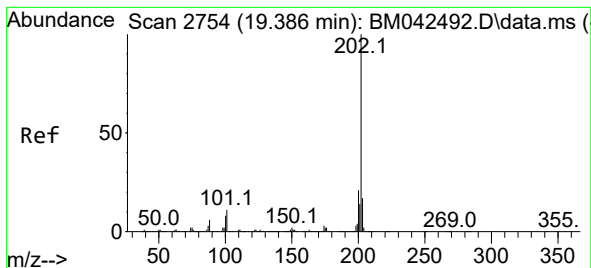
Tgt Ion: 65 Resp: 54  
Ion Ratio Lower Upper  
65 100  
92 0.0 49.4 74.2#  
138 0.0 66.9 100.3#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.327 min Scan# 2404  
Delta R.T. 0.000 min  
Lab File: BM042548.D  
Acq: 01 Nov 2023 20:13

Tgt Ion:188 Resp: 362126  
Ion Ratio Lower Upper  
188 100  
94 7.7 8.2 12.4#  
80 9.8 9.4 14.2





#75

Fluoranthene

Concen: 3.483 ng

RT: 19.380 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042548.D

Acq: 01 Nov 2023 20:13

Instrument :

BNA\_M

ClientSampleId :

HD-01-10302023

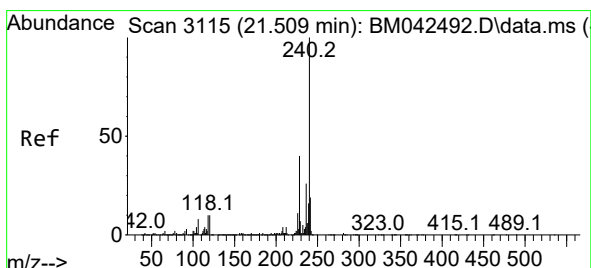
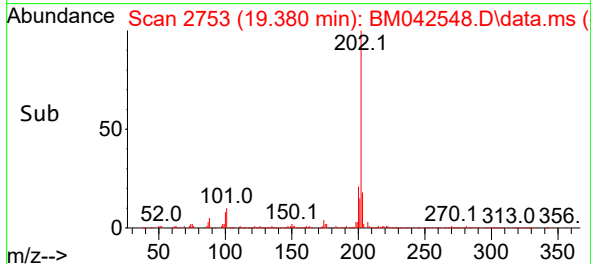
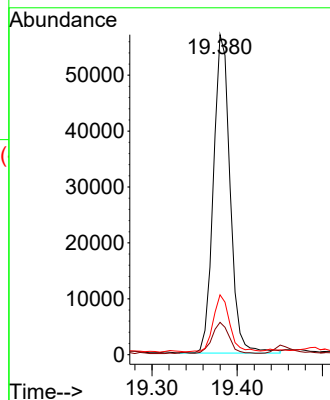
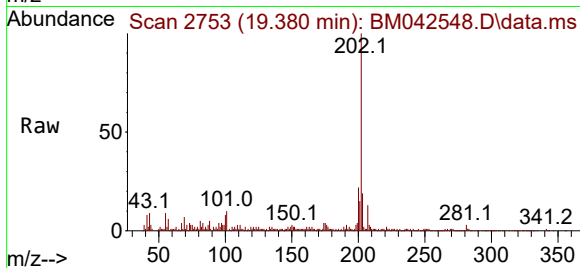
Tgt Ion:202 Resp: 77433

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.5

203 18.7 0.0 37.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.509 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BM042548.D

Acq: 01 Nov 2023 20:13

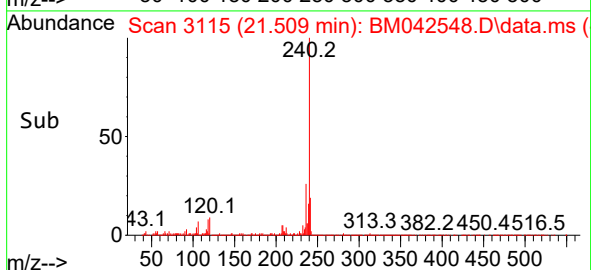
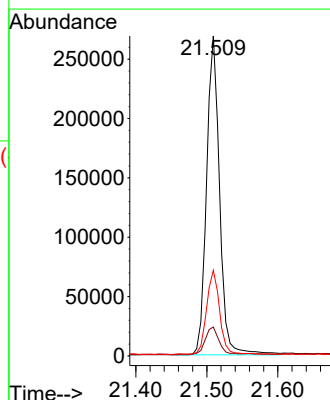
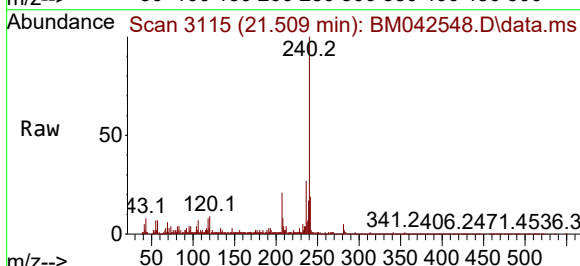
Tgt Ion:240 Resp: 343217

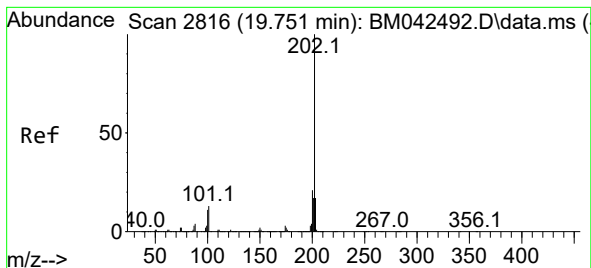
Ion Ratio Lower Upper

240 100

120 9.1 8.3 12.5

236 26.8 20.8 31.2





#78

Pyrene

Concen: 2.888 ng

RT: 19.750 min Scan# 2816

Delta R.T. -0.000 min

Lab File: BM042548.D

Acq: 01 Nov 2023 20:13

Instrument :

BNA\_M

ClientSampleId :

HD-01-10302023

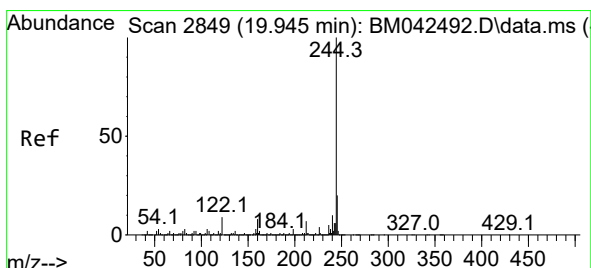
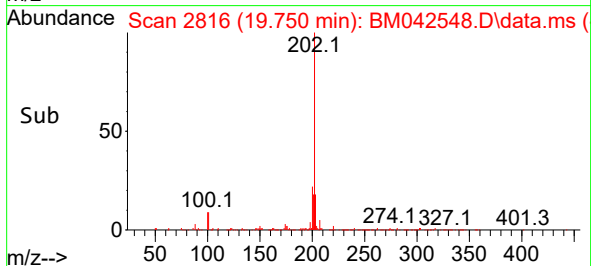
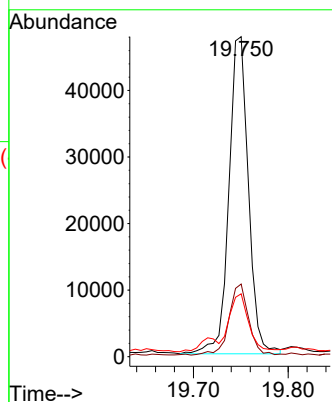
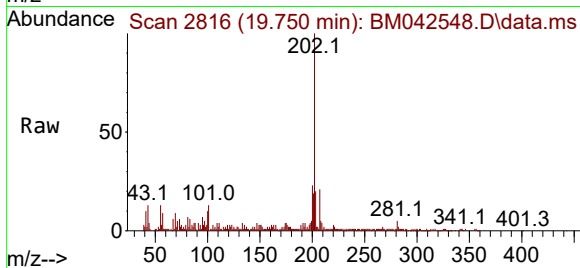
Tgt Ion:202 Resp: 68073

Ion Ratio Lower Upper

202 100

200 22.7 16.9 25.3

203 19.7 13.7 20.5



#79

Terphenyl-d14

Concen: 22.066 ng

RT: 19.939 min Scan# 2848

Delta R.T. -0.006 min

Lab File: BM042548.D

Acq: 01 Nov 2023 20:13

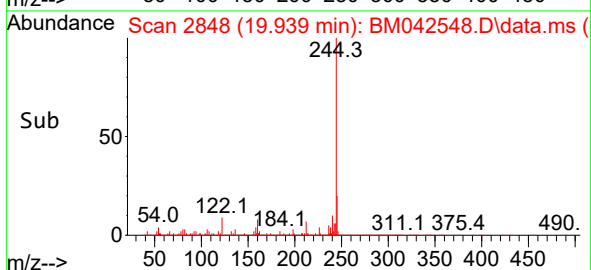
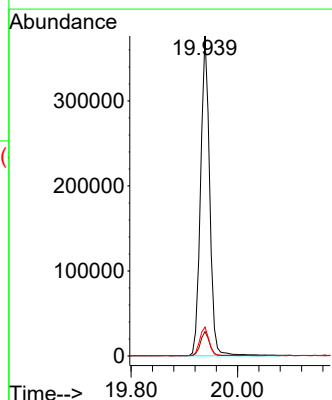
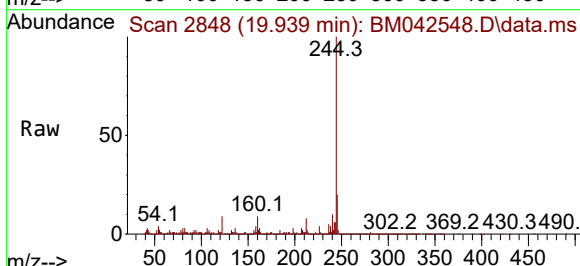
Tgt Ion:244 Resp: 446642

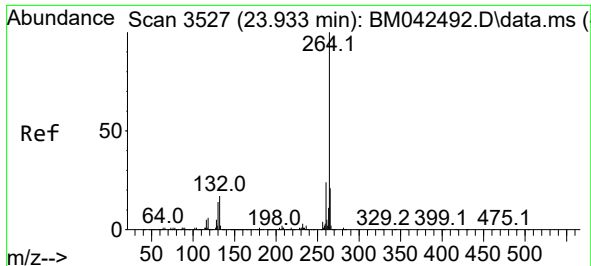
Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.2

122 9.0 7.2 10.8

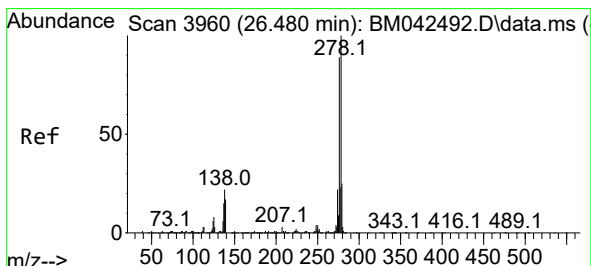
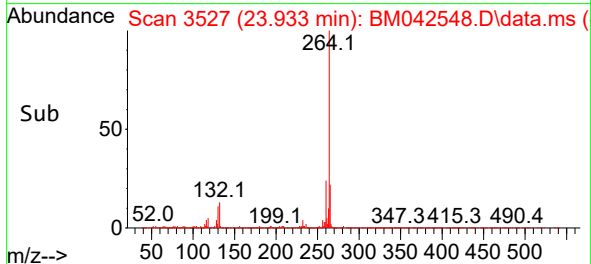
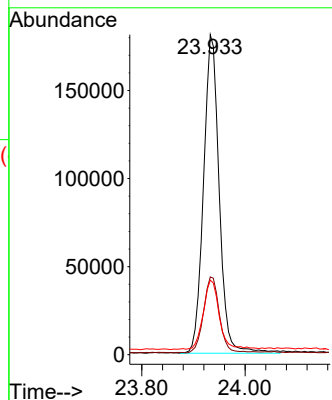
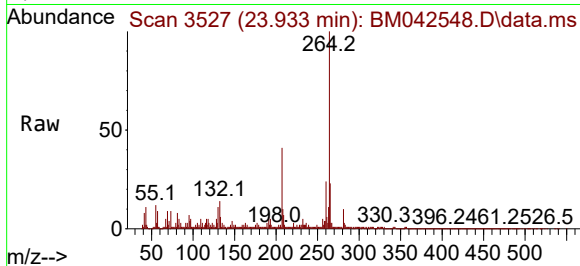




#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.933 min Scan# 31  
 Delta R.T. -0.000 min  
 Lab File: BM042548.D  
 Acq: 01 Nov 2023 20:13

Instrument :  
 BNA\_M  
 ClientSampleId :  
 HD-01-10302023

Tgt Ion:264 Resp: 381273  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 19.0 28.4  
 265 23.3 18.7 28.1



#91  
 Dibenzo(a,h)anthracene  
 Concen: 4.537 ng  
 RT: 26.485 min Scan# 3961  
 Delta R.T. 0.005 min  
 Lab File: BM042548.D  
 Acq: 01 Nov 2023 20:13

Tgt Ion:278 Resp: 9156  
 Ion Ratio Lower Upper  
 278 100  
 139 65.2 13.4 20.2#  
 279 64.2 19.7 29.5#

