

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050621\  
 Data File : BF123861.D  
 Acq On : 6 May 2021 18:36  
 Operator : JU/CG  
 Sample : M2304-01  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OWL-C1-GW

Quant Time: May 07 01:02:48 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 05 13:09:28 2021  
 Response via : Initial Calibration

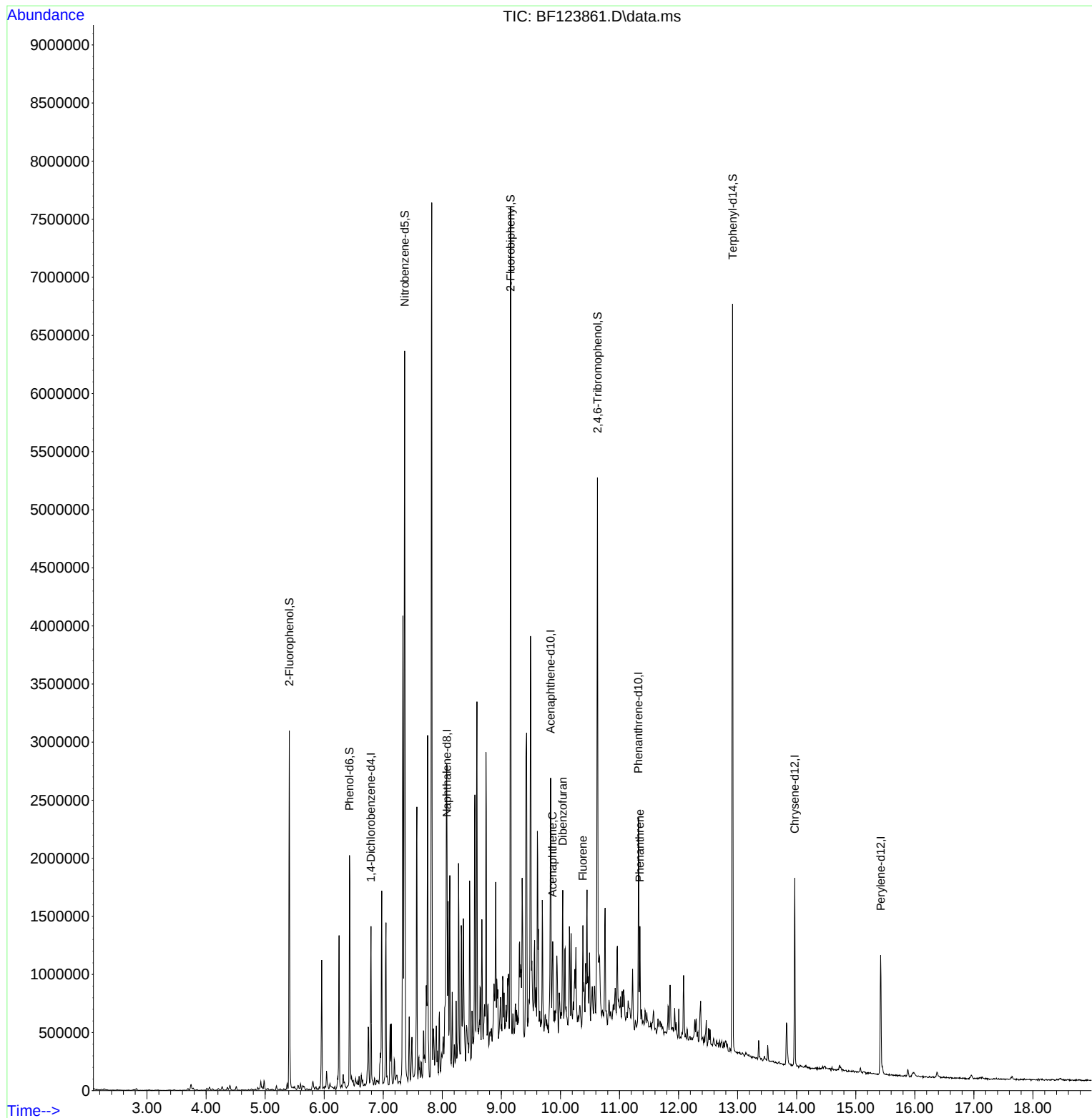
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|--------|-------|-----------|
| -----                       |        |      |          |        |       |           |
| Internal Standards          |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 6.792  | 152  | 169787   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.081  | 136  | 630377   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.833  | 164  | 330443   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.322 | 188  | 622666   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 13.968 | 240  | 541454   | 20.00  | ng    | 0.00      |
| 86) Perylene-d12            | 15.421 | 264  | 459040   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |        |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.410  | 112  | 668778   | 62.40  | ng    | 0.00      |
| 7) Phenol-d6                | 6.428  | 99   | 570915   | 38.67  | ng    | -0.01     |
| 23) Nitrobenzene-d5         | 7.363  | 82   | 1219214  | 87.31  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.627 | 330  | 536347   | 130.38 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.157  | 172  | 1902253  | 83.83  | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.916 | 244  | 2053023  | 73.01  | ng    | 0.00      |
| Target Compounds            |        |      |          |        |       |           |
| 52) Acenaphthene            | 9.869  | 154  | 110089   | 5.48   | ng    | Qvalue 90 |
| 55) Dibenzofuran            | 10.039 | 168  | 99946    | 3.29   | ng    | # 79      |
| 58) Fluorene                | 10.380 | 166  | 197257   | 8.45   | ng    | # 98      |
| 71) Phenanthrene            | 11.345 | 178  | 269109   | 8.24   | ng    | 99        |
| -----                       |        |      |          |        |       |           |

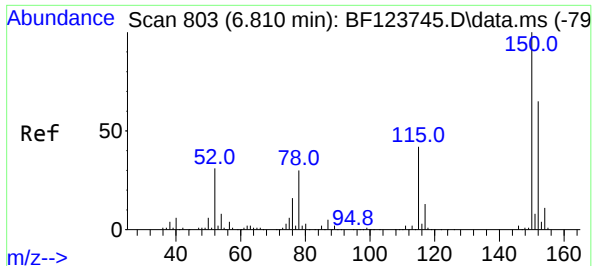
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050621\  
Data File : BF123861.D  
Acq On : 6 May 2021 18:36  
Operator : JU/CG  
Sample : M2304-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OWL-C1-GW

Quant Time: May 07 01:02:48 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 05 13:09:28 2021  
Response via : Initial Calibration

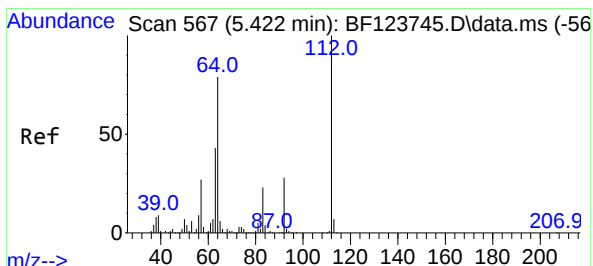
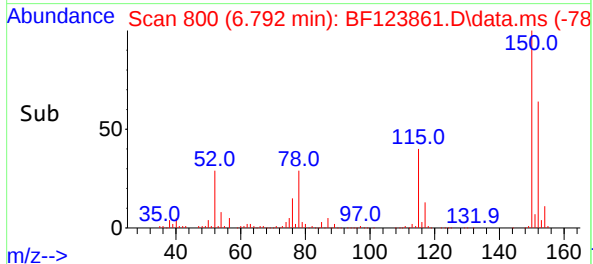
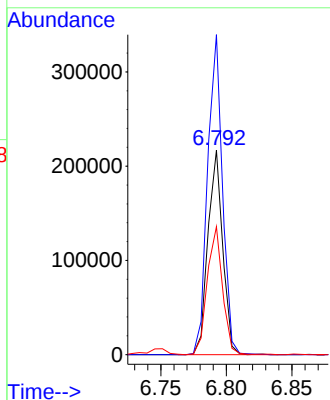
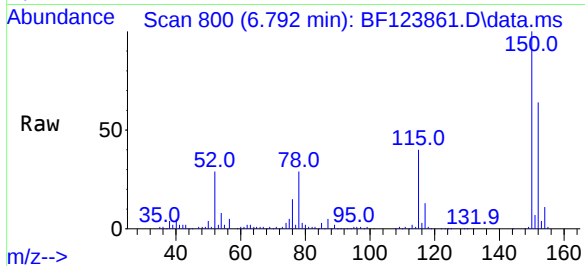




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.792 min Scan# 800  
Delta R.T. -0.006 min  
Lab File: BF123861.D  
Acq: 6 May 2021 18:36

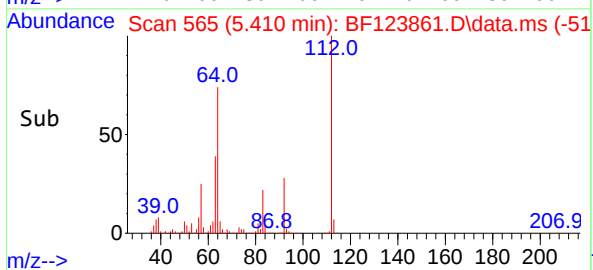
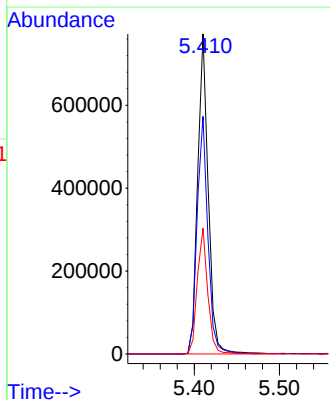
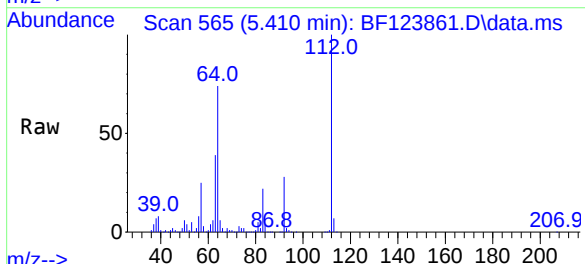
Instrument :  
BNA\_F  
ClientSampleId :  
OWL-C1-GW

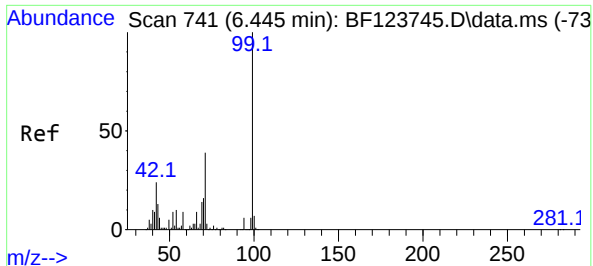
Tgt Ion:152 Resp: 169787  
Ion Ratio Lower Upper  
152 100  
150 156.5 127.0 190.6  
115 62.6 54.3 81.5



#5  
2-Fluorophenol  
Concen: 62.40 ng  
RT: 5.410 min Scan# 565  
Delta R.T. -0.000 min  
Lab File: BF123861.D  
Acq: 6 May 2021 18:36

Tgt Ion:112 Resp: 668778  
Ion Ratio Lower Upper  
112 100  
64 74.2 61.4 92.0  
63 39.3 33.0 49.4

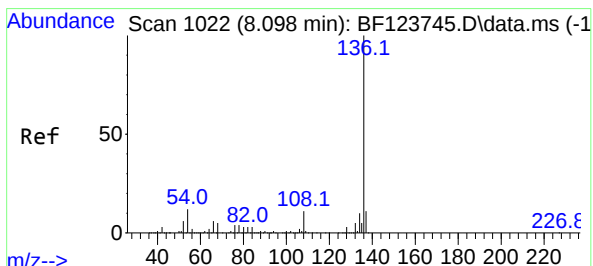
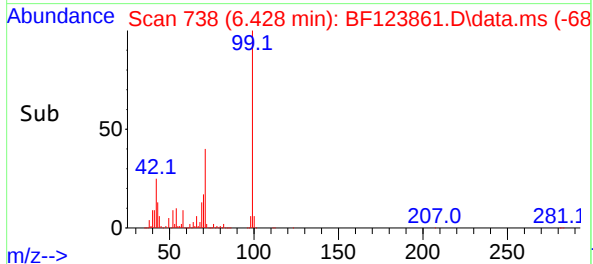
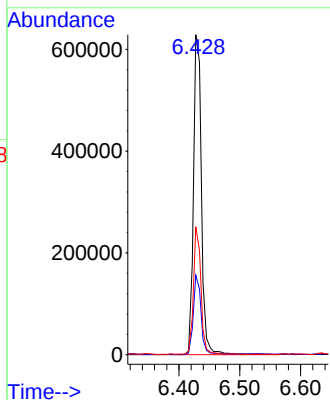
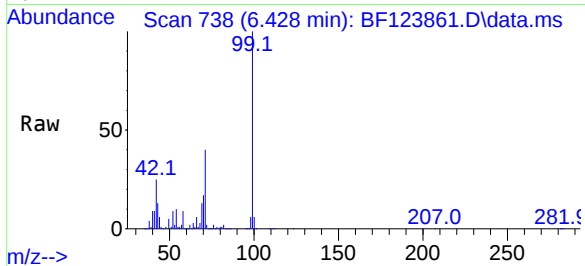




#7  
Phenol-d6  
Concen: 38.67 ng  
RT: 6.428 min Scan# 738  
Delta R.T. -0.012 min  
Lab File: BF123861.D  
Acq: 6 May 2021 18:36

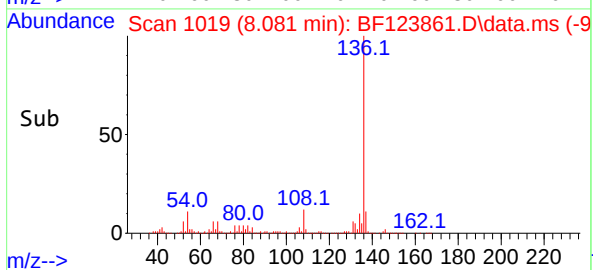
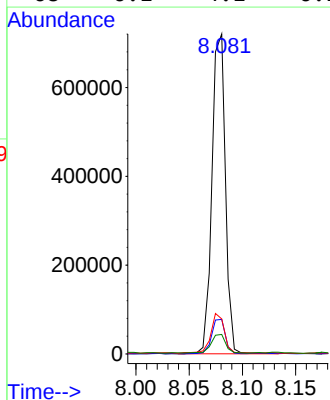
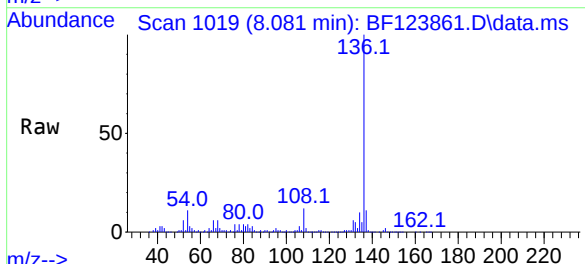
Instrument :  
BNA\_F  
ClientSampleId :  
OWL-C1-GW

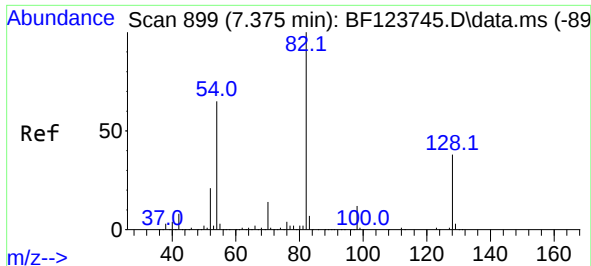
Tgt Ion: 99 Resp: 570915  
Ion Ratio Lower Upper  
99 100  
42 24.8 19.8 29.8  
71 40.0 31.1 46.7



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.081 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: BF123861.D  
Acq: 6 May 2021 18:36

Tgt Ion: 136 Resp: 630377  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.7 13.1  
54 10.9 9.8 14.6  
68 6.1 4.1 6.1

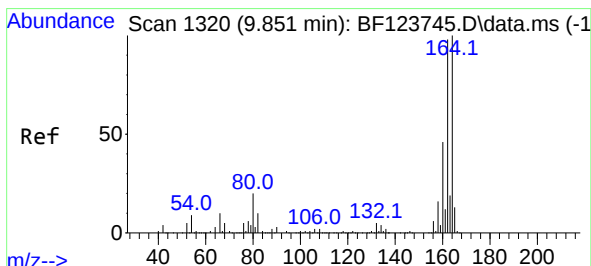
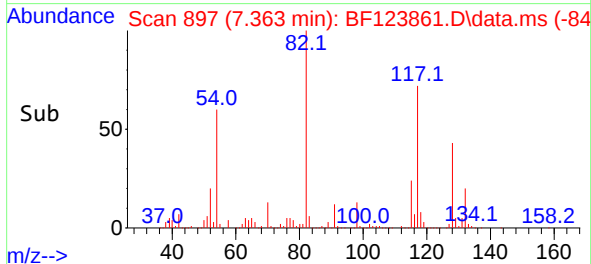
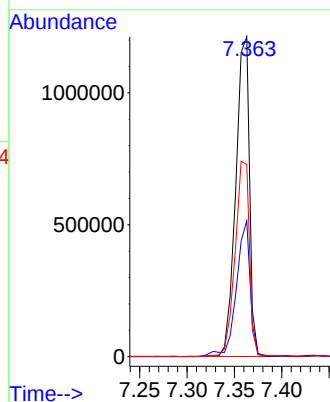
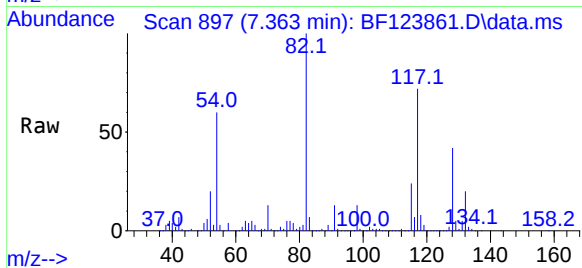




#23  
Nitrobenzene-d5  
Concen: 87.31 ng  
RT: 7.363 min Scan# 897  
Delta R.T. -0.000 min  
Lab File: BF123861.D  
Acq: 6 May 2021 18:36

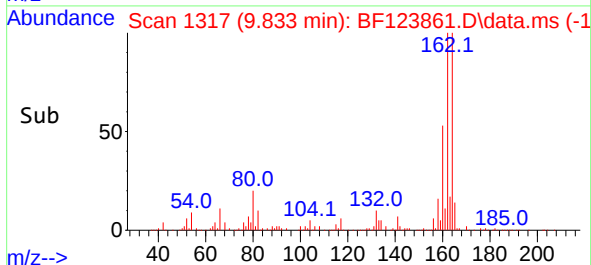
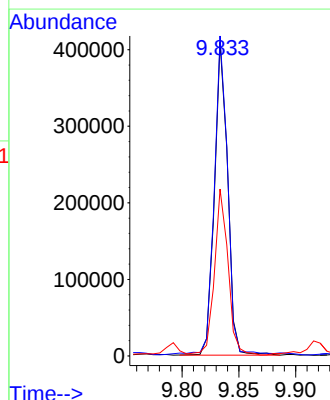
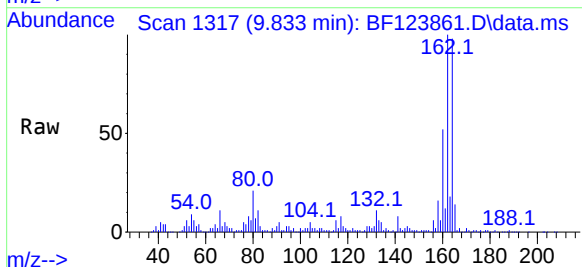
Instrument :  
BNA\_F  
ClientSampleId :  
OWL-C1-GW

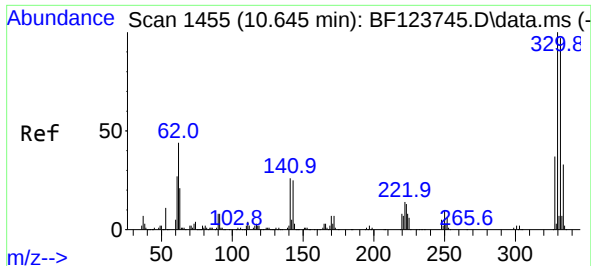
Tgt Ion: 82 Resp: 1219214  
Ion Ratio Lower Upper  
82 100  
128 42.5 29.4 44.2  
54 60.1 54.1 81.1



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.833 min Scan# 1317  
Delta R.T. -0.006 min  
Lab File: BF123861.D  
Acq: 6 May 2021 18:36

Tgt Ion:164 Resp: 330443  
Ion Ratio Lower Upper  
164 100  
162 102.0 80.7 121.1  
160 53.2 37.3 55.9

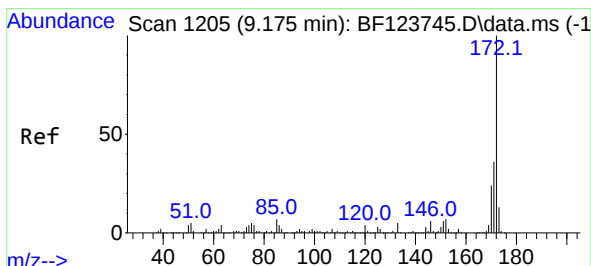
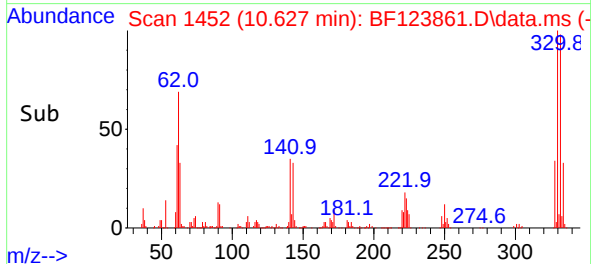
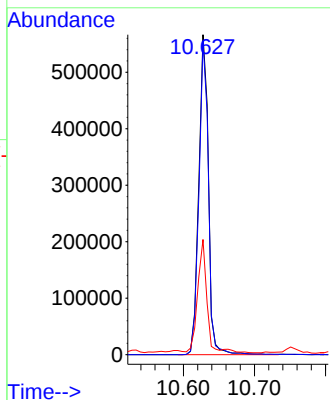
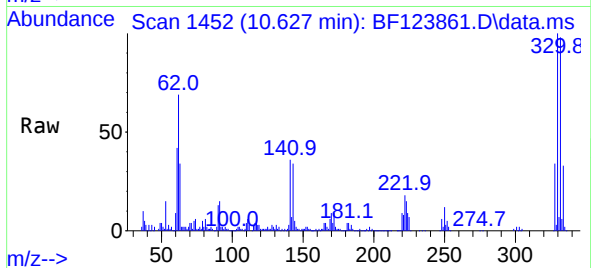




#42  
2,4,6-Tribromophenol  
Concen: 130.38 ng  
RT: 10.627 min Scan# 1452  
Delta R.T. -0.006 min  
Lab File: BF123861.D  
Acq: 6 May 2021 18:36

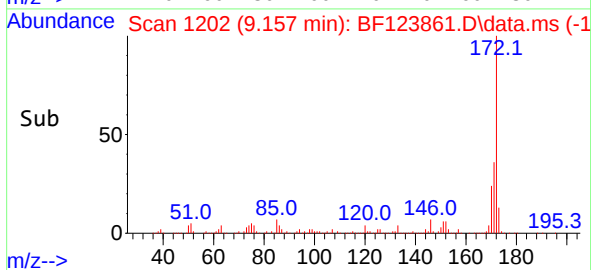
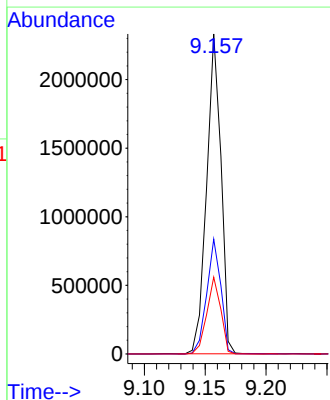
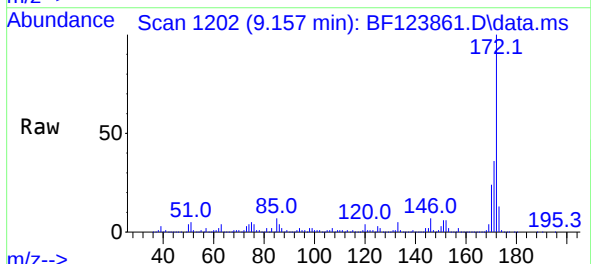
Instrument :  
BNA\_F  
ClientSampleId :  
OWL-C1-GW

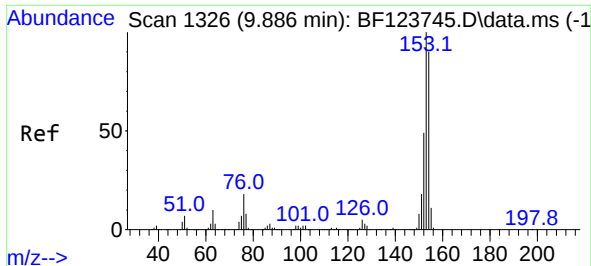
Tgt Ion:330 Resp: 536347  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.1 115.7  
141 31.7 27.9 41.9



#45  
2-Fluorobiphenyl  
Concen: 83.83 ng  
RT: 9.157 min Scan# 1202  
Delta R.T. -0.006 min  
Lab File: BF123861.D  
Acq: 6 May 2021 18:36

Tgt Ion:172 Resp: 1902253  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.1 42.1  
170 24.0 19.2 28.8

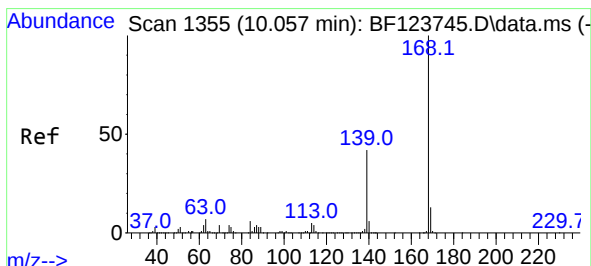
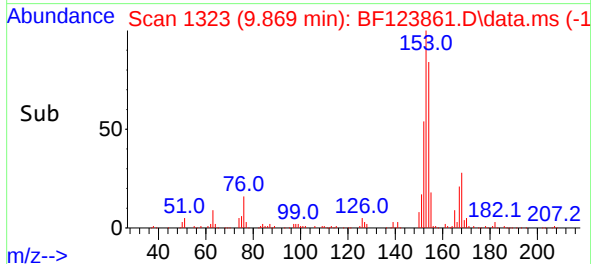
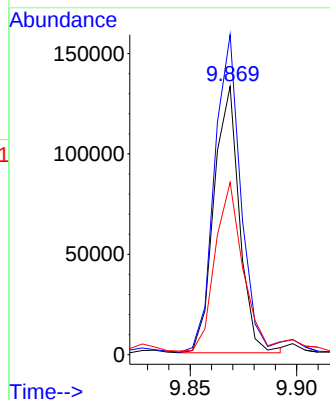
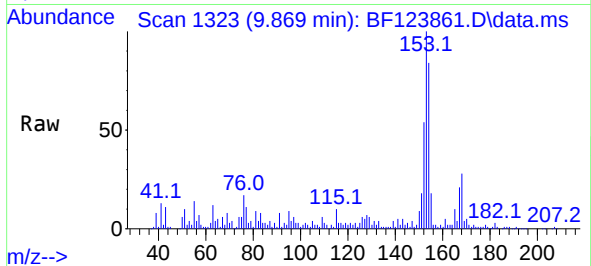




#52  
Acenaphthene  
Concen: 5.48 ng  
RT: 9.869 min Scan# 1323  
Delta R.T. -0.006 min  
Lab File: BF123861.D  
Acq: 6 May 2021 18:36

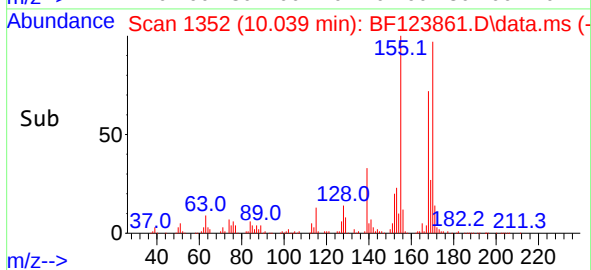
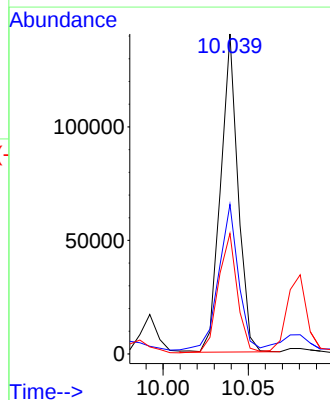
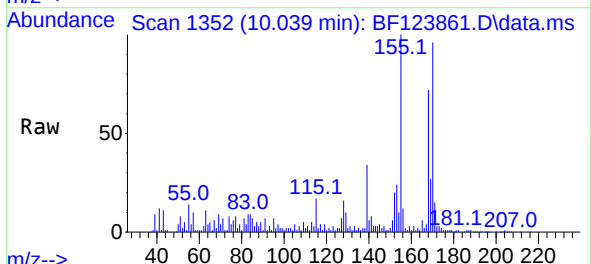
Instrument :  
BNA\_F  
ClientSampleId :  
OWL-C1-GW

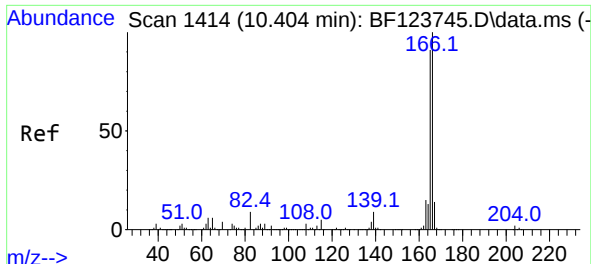
Tgt Ion:154 Resp: 110089  
Ion Ratio Lower Upper  
154 100  
153 119.3 88.1 132.1  
152 64.2 43.4 65.0



#55  
Dibenzofuran  
Concen: 3.29 ng  
RT: 10.039 min Scan# 1352  
Delta R.T. -0.006 min  
Lab File: BF123861.D  
Acq: 6 May 2021 18:36

Tgt Ion:168 Resp: 99946  
Ion Ratio Lower Upper  
168 100  
139 46.7 33.2 49.8  
169 37.6 10.8 16.2#

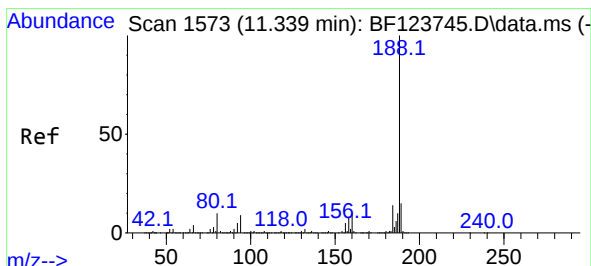
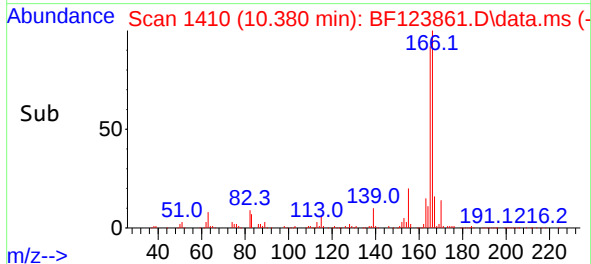
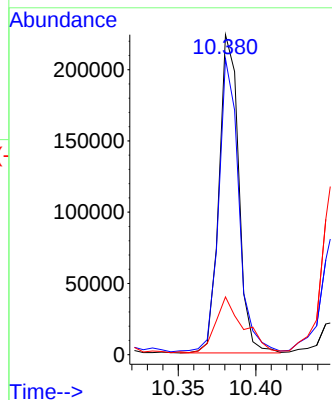
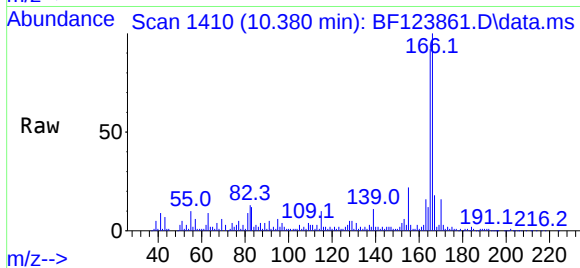




#58  
Fluorene  
Concen: 8.45 ng  
RT: 10.380 min Scan# 1410  
Delta R.T. -0.012 min  
Lab File: BF123861.D  
Acq: 6 May 2021 18:36

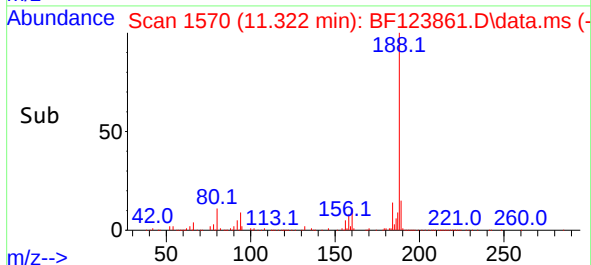
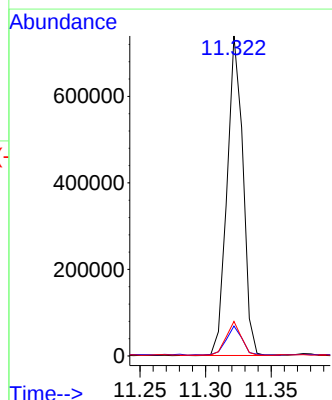
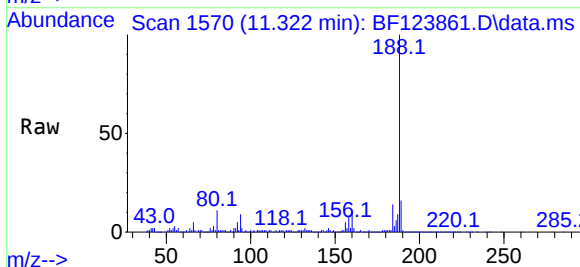
Instrument :  
BNA\_F  
ClientSampleId :  
OWL-C1-GW

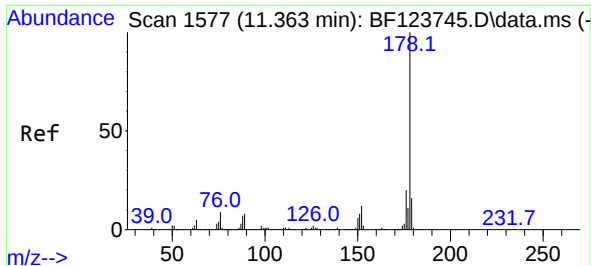
Tgt Ion:166 Resp: 197257  
Ion Ratio Lower Upper  
166 100  
165 92.4 73.5 110.3  
167 18.0 10.7 16.1#



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.322 min Scan# 1570  
Delta R.T. -0.006 min  
Lab File: BF123861.D  
Acq: 6 May 2021 18:36

Tgt Ion:188 Resp: 622666  
Ion Ratio Lower Upper  
188 100  
94 9.4 6.9 10.3  
80 10.8 8.2 12.2

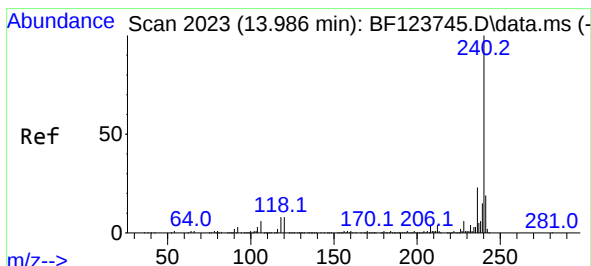
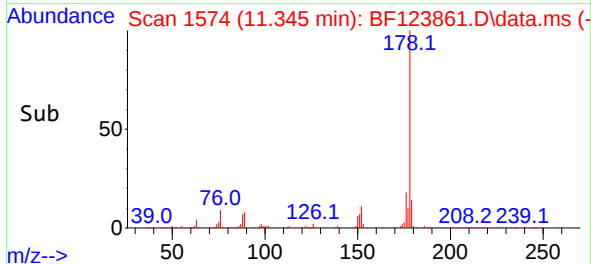
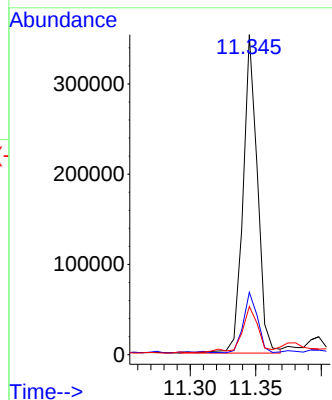
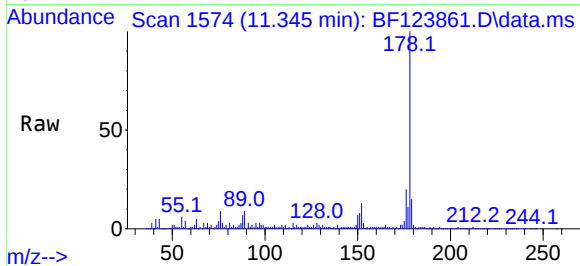




#71  
Phenanthrene  
Concen: 8.24 ng  
RT: 11.345 min Scan# 1574  
Delta R.T. -0.006 min  
Lab File: BF123861.D  
Acq: 6 May 2021 18:36

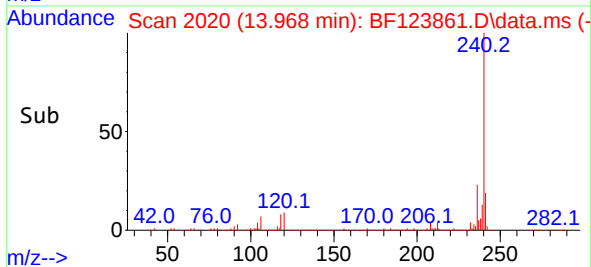
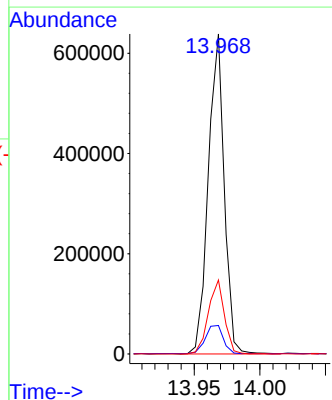
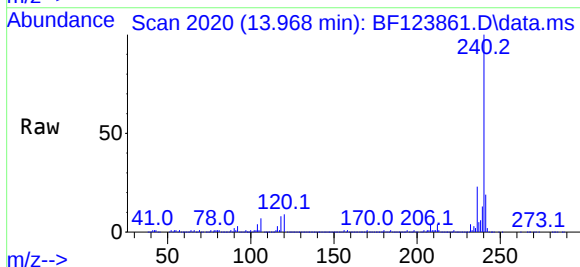
Instrument :  
BNA\_F  
ClientSampleId :  
OWL-C1-GW

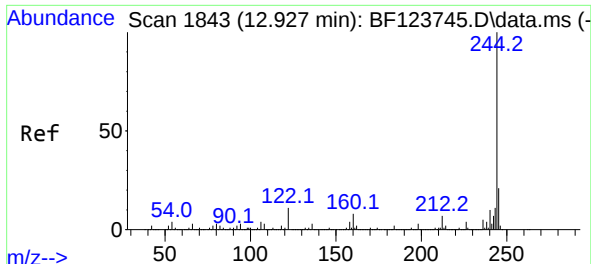
Tgt Ion:178 Resp: 269109  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.6 23.4  
179 15.0 12.5 18.7



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.968 min Scan# 2020  
Delta R.T. -0.006 min  
Lab File: BF123861.D  
Acq: 6 May 2021 18:36

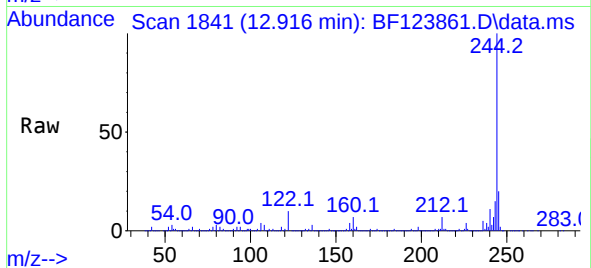
Tgt Ion:240 Resp: 541454  
Ion Ratio Lower Upper  
240 100  
120 8.9 7.2 10.8  
236 23.1 19.0 28.4



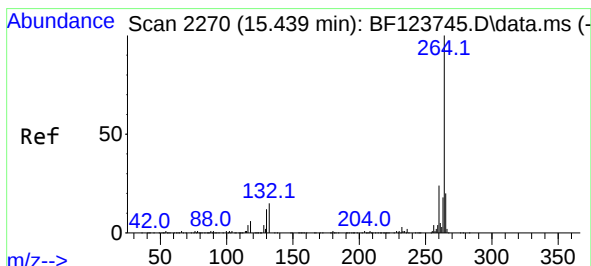
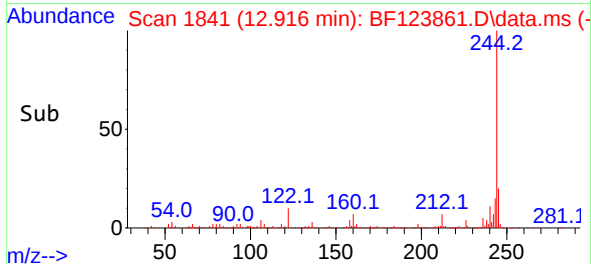
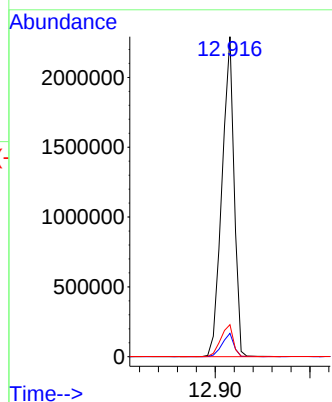


#79  
Terphenyl-d14  
Concen: 73.01 ng  
RT: 12.916 min Scan# 1841  
Delta R.T. -0.000 min  
Lab File: BF123861.D  
Acq: 6 May 2021 18:36

Instrument :  
BNA\_F  
ClientSampleId :  
OWL-C1-GW



Tgt Ion:244 Resp: 2053023  
Ion Ratio Lower Upper  
244 100  
212 7.3 5.7 8.5  
122 10.0 9.7 14.5



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.421 min Scan# 2267  
Delta R.T. -0.006 min  
Lab File: BF123861.D  
Acq: 6 May 2021 18:36

Tgt Ion:264 Resp: 459040  
Ion Ratio Lower Upper  
264 100  
260 22.5 18.7 28.1  
265 21.0 17.8 26.8

