

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP090922\  
 Data File : BP011673.D  
 Acq On : 09 Sep 2022 20:50  
 Operator : CG/JU  
 Sample : N4549-16  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MW-60

Quant Time: Sep 10 00:57:15 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP090222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 10 00:48:09 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.958  | 152  | 368624   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.775 | 136  | 1528947  | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.598 | 164  | 893846   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.351 | 188  | 1869041  | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.433 | 240  | 1739784  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.898 | 264  | 1739793  | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.517  | 112  | 1482368  | 71.122  | ng    | 0.00     |
| 7) Phenol-d6                | 7.111  | 99   | 1180731  | 42.812  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.128  | 82   | 2561915  | 102.855 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.087 | 330  | 1409125  | 139.530 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.228 | 172  | 6014649  | 96.224  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.904 | 244  | 7106035  | 85.548  | ng    | 0.00     |

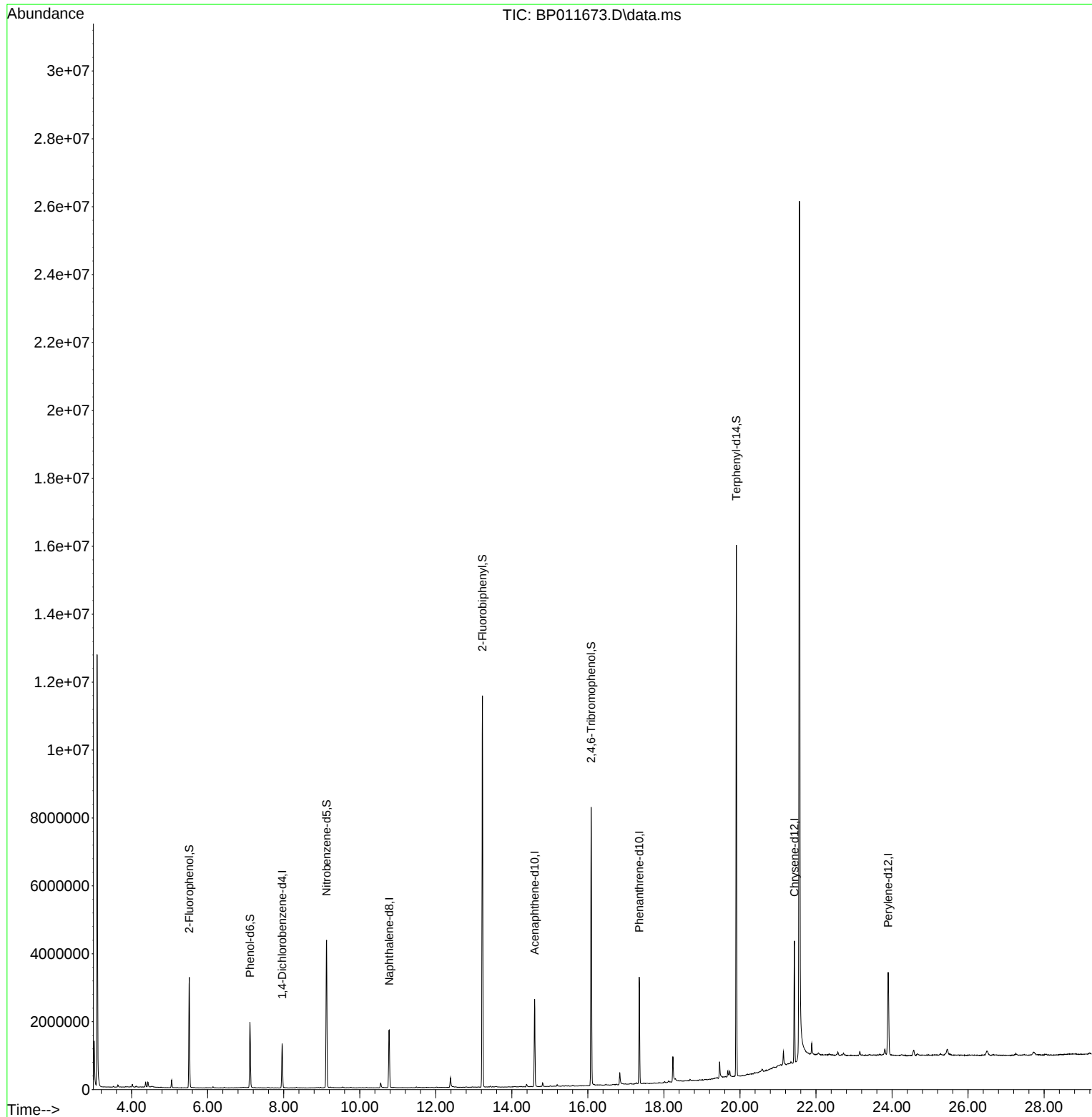
Target Compounds Qvalue

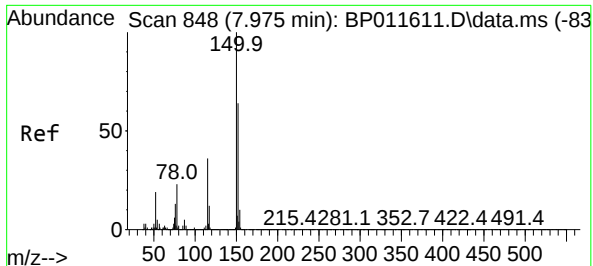
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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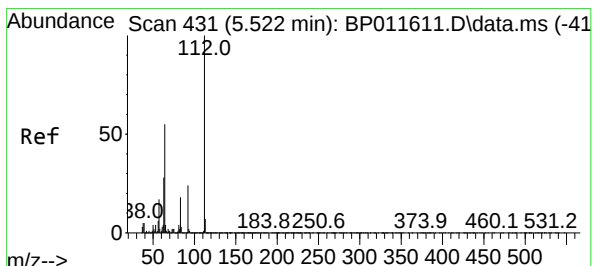
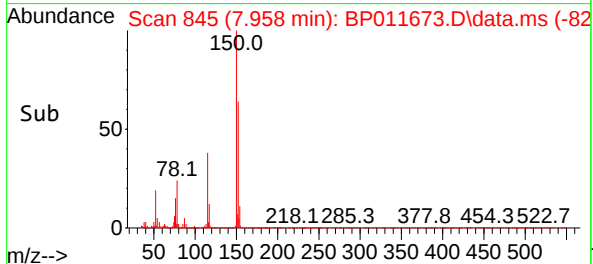
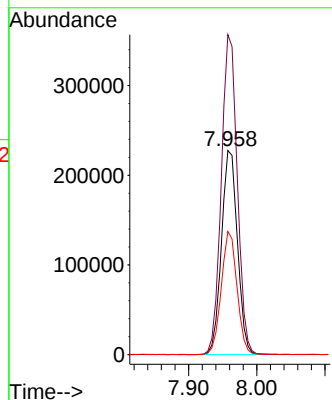
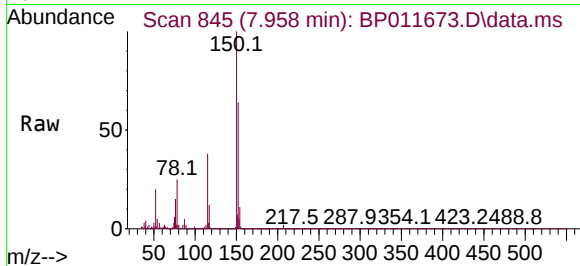




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.958 min Scan# 84  
Delta R.T. -0.006 min  
Lab File: BP011673.D  
Acq: 09 Sep 2022 20:50

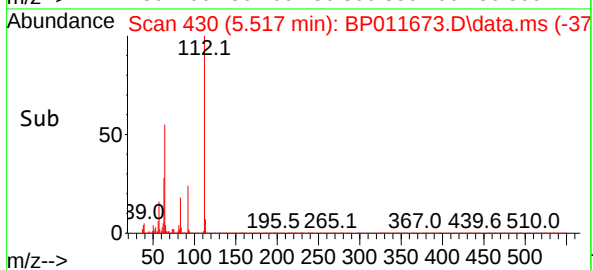
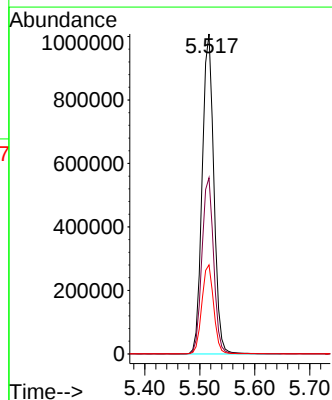
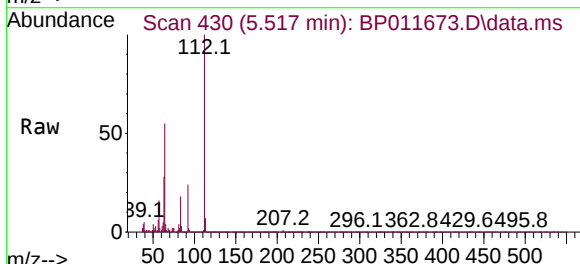
Instrument :  
BNA\_P  
ClientSampleId :  
MW-60

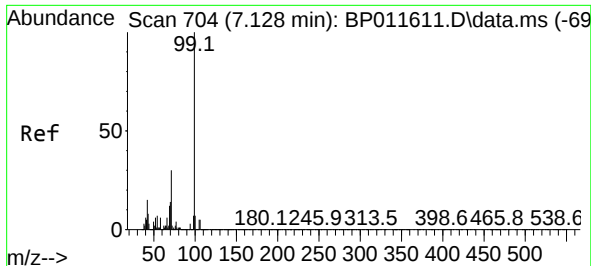
Tgt Ion:152 Resp: 368624  
Ion Ratio Lower Upper  
152 100  
150 156.8 123.4 185.2  
115 60.4 51.3 76.9



#5  
2-Fluorophenol  
Concen: 71.122 ng  
RT: 5.517 min Scan# 430  
Delta R.T. 0.000 min  
Lab File: BP011673.D  
Acq: 09 Sep 2022 20:50

Tgt Ion:112 Resp: 1482368  
Ion Ratio Lower Upper  
112 100  
64 55.0 56.9 85.3#  
63 27.8 31.2 46.8#

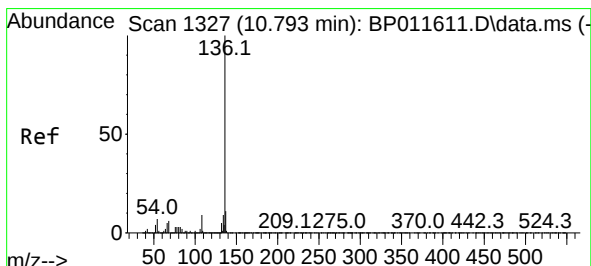
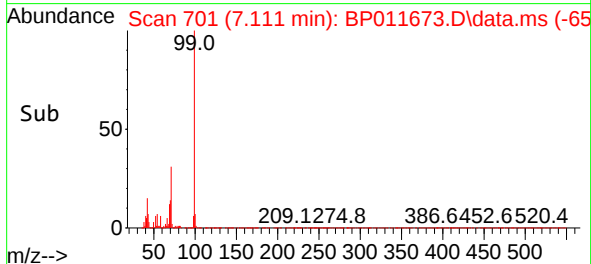
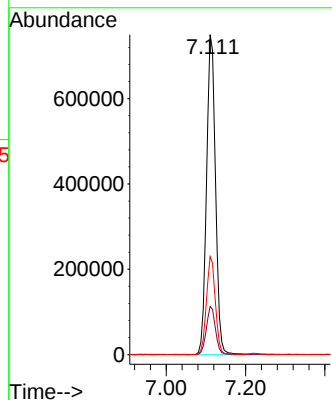
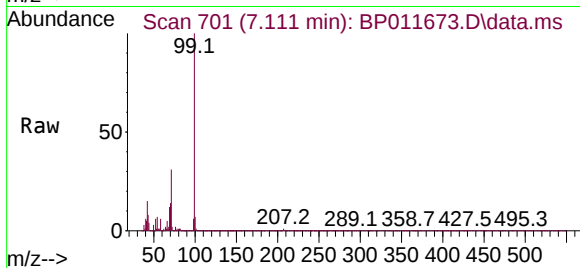




#7  
Phenol-d6  
Concen: 42.812 ng  
RT: 7.111 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: BP011673.D  
Acq: 09 Sep 2022 20:50

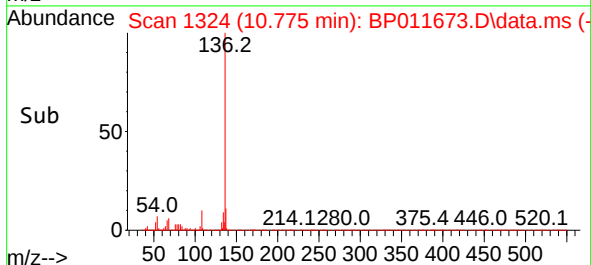
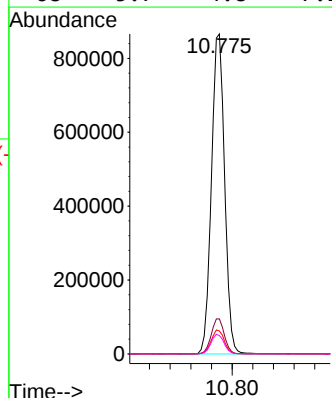
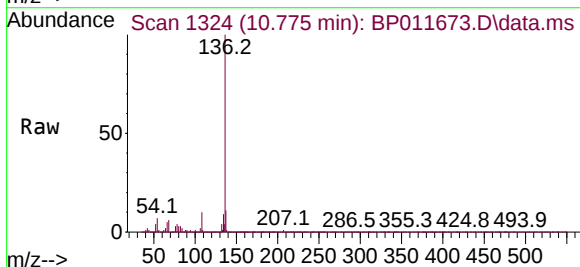
Instrument :  
BNA\_P  
ClientSampleId :  
MW-60

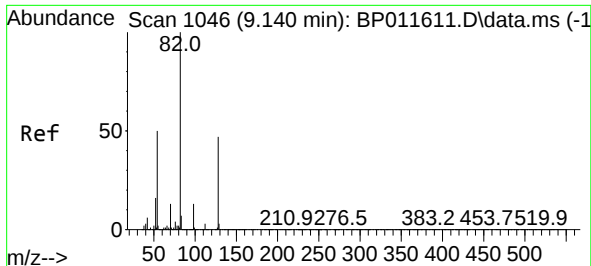
Tgt Ion: 99 Resp: 1180731  
Ion Ratio Lower Upper  
99 100  
42 15.1 20.3 30.5#  
71 30.6 33.9 50.9#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.775 min Scan# 1324  
Delta R.T. 0.000 min  
Lab File: BP011673.D  
Acq: 09 Sep 2022 20:50

Tgt Ion:136 Resp: 1528947  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.0 13.4  
54 7.2 8.7 13.1#  
68 5.7 4.8 7.2

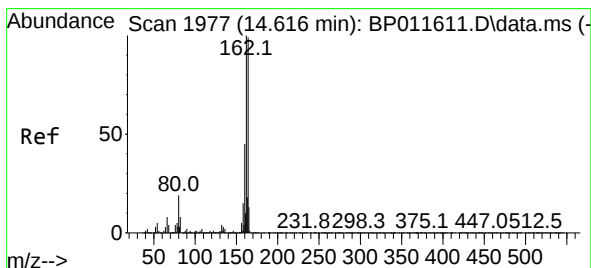
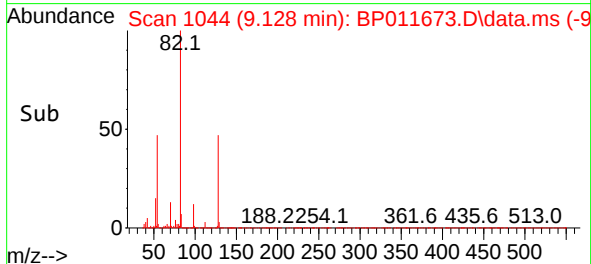
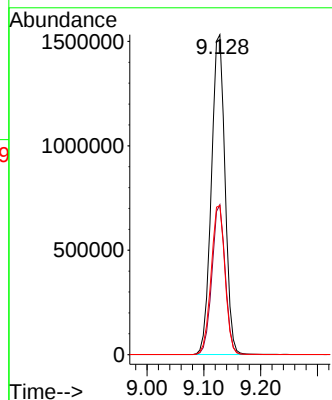
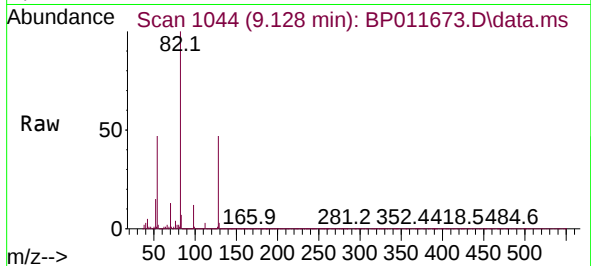




#23  
Nitrobenzene-d5  
Concen: 102.855 ng  
RT: 9.128 min Scan# 1046  
Delta R.T. 0.000 min  
Lab File: BP011673.D  
Acq: 09 Sep 2022 20:50

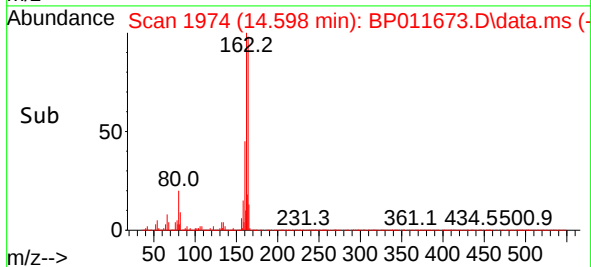
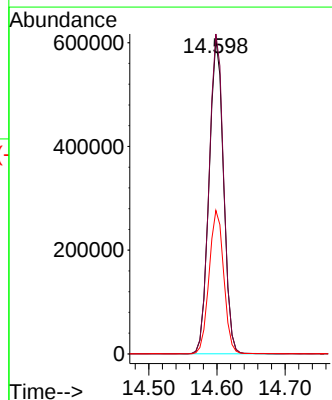
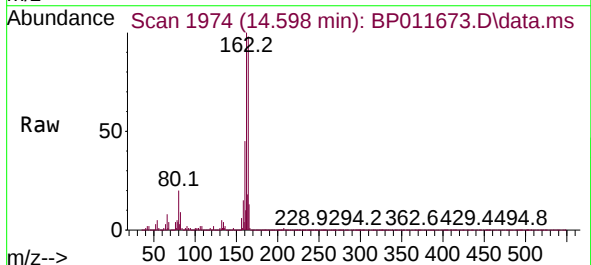
Instrument :  
BNA\_P  
ClientSampleId :  
MW-60

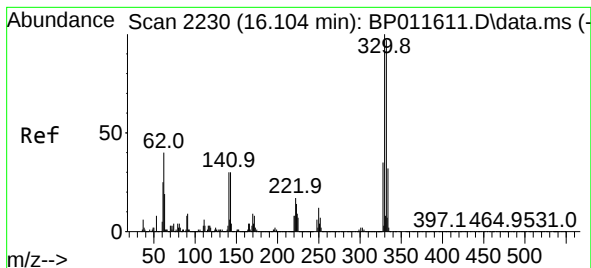
Tgt Ion: 82 Resp: 2561915  
Ion Ratio Lower Upper  
82 100  
128 46.8 31.3 46.9  
54 46.6 49.8 74.8#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.598 min Scan# 1974  
Delta R.T. -0.006 min  
Lab File: BP011673.D  
Acq: 09 Sep 2022 20:50

Tgt Ion:164 Resp: 893846  
Ion Ratio Lower Upper  
164 100  
162 101.6 81.9 122.9  
160 45.6 34.6 51.8

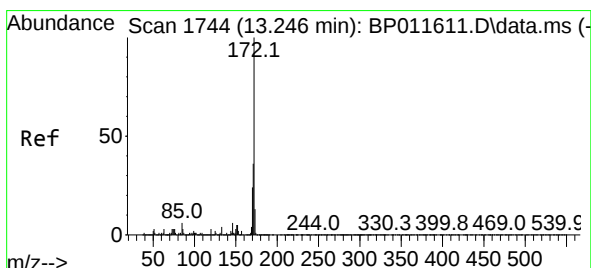
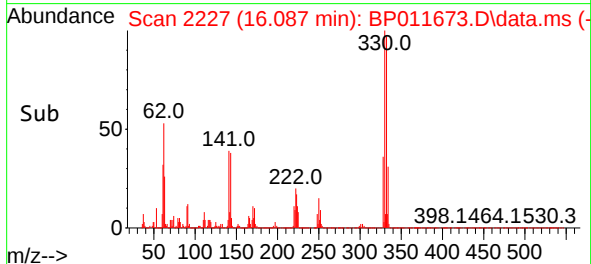
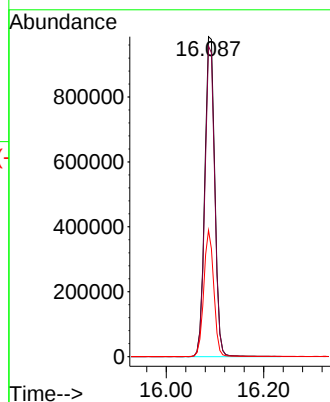
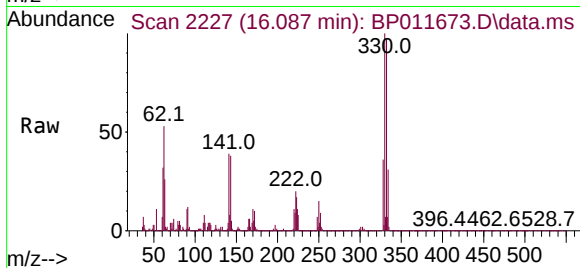




#42  
2,4,6-Tribromophenol  
Concen: 139.530 ng  
RT: 16.087 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP011673.D  
Acq: 09 Sep 2022 20:50

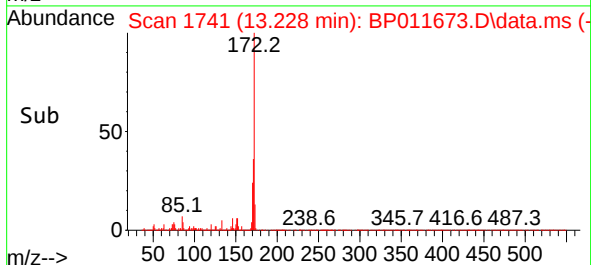
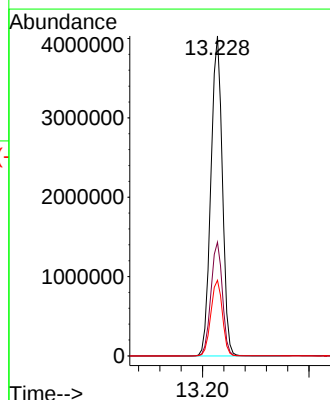
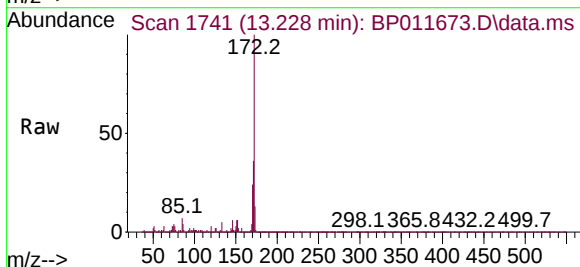
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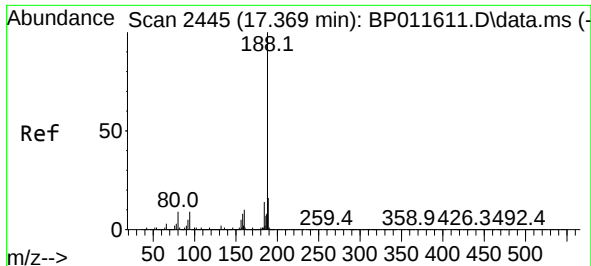
Tgt Ion:330 Resp: 1409125  
Ion Ratio Lower Upper  
330 100  
332 95.8 78.1 117.1  
141 39.0 31.4 47.2



#45  
2-Fluorobiphenyl  
Concen: 96.224 ng  
RT: 13.228 min Scan# 1741  
Delta R.T. 0.000 min  
Lab File: BP011673.D  
Acq: 09 Sep 2022 20:50

Tgt Ion:172 Resp: 6014649  
Ion Ratio Lower Upper  
172 100  
171 35.5 27.9 41.9  
170 23.6 18.2 27.2

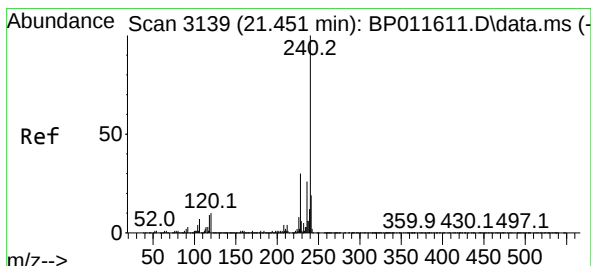
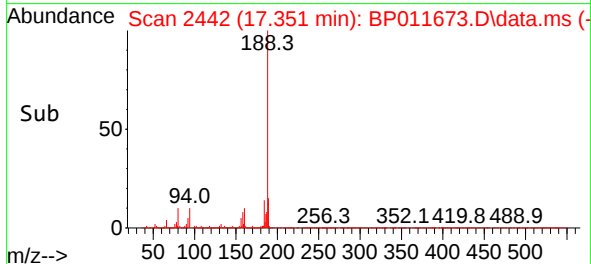
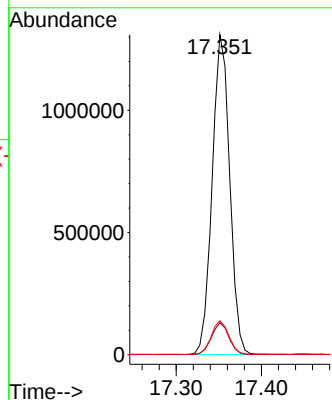
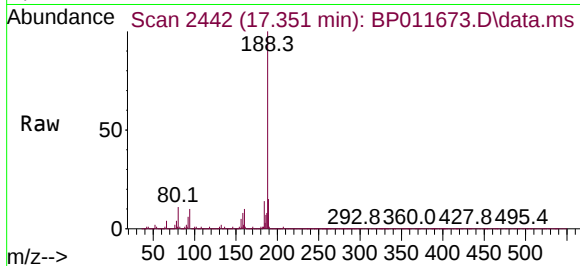




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.351 min Scan# 2442  
Delta R.T. -0.006 min  
Lab File: BP011673.D  
Acq: 09 Sep 2022 20:50

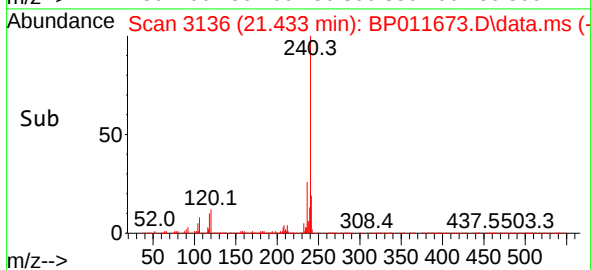
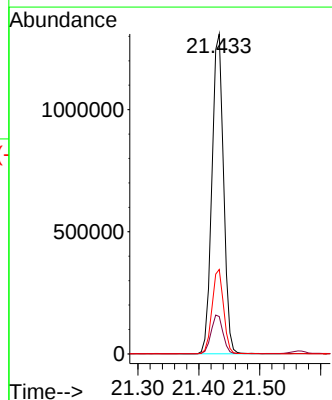
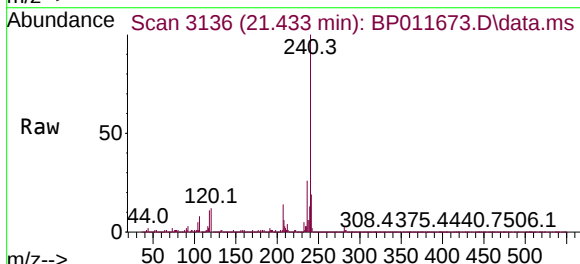
Instrument :  
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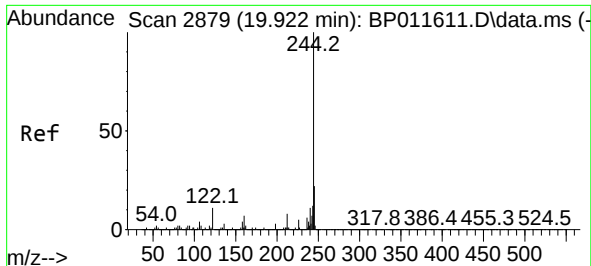
Tgt Ion:188 Resp: 1869041  
Ion Ratio Lower Upper  
188 100  
94 10.0 6.6 10.0#  
80 10.6 8.0 12.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.433 min Scan# 3136  
Delta R.T. -0.006 min  
Lab File: BP011673.D  
Acq: 09 Sep 2022 20:50

Tgt Ion:240 Resp: 1739784  
Ion Ratio Lower Upper  
240 100  
120 11.7 8.6 12.8  
236 26.4 19.8 29.6

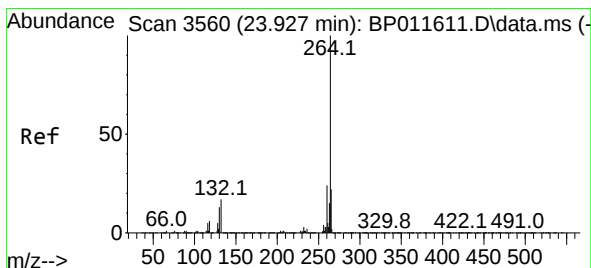
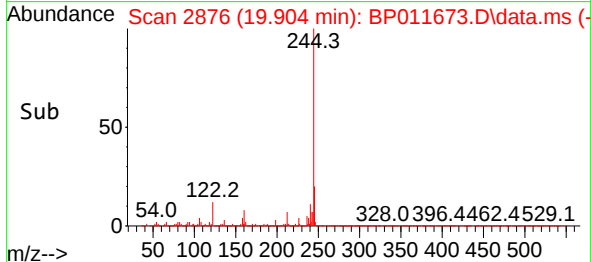
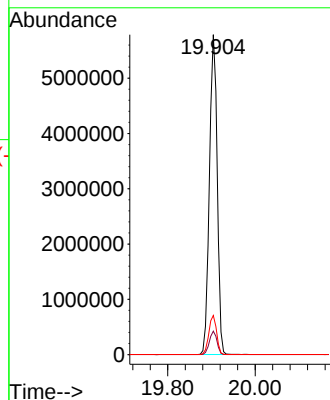
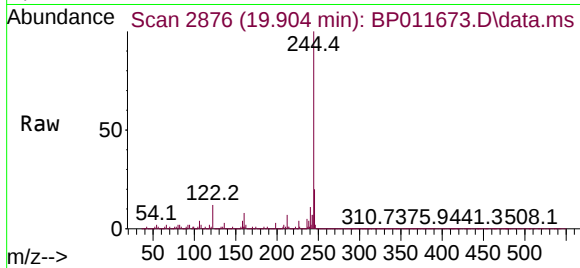




#79  
 Terphenyl-d14  
 Concen: 85.548 ng  
 RT: 19.904 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BP011673.D  
 Acq: 09 Sep 2022 20:50

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MW-60

Tgt Ion:244 Resp: 7106035  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.8 8.8  
 122 12.2 7.6 11.4#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.898 min Scan# 3555  
 Delta R.T. -0.012 min  
 Lab File: BP011673.D  
 Acq: 09 Sep 2022 20:50

Tgt Ion:264 Resp: 1739793  
 Ion Ratio Lower Upper  
 264 100  
 260 24.7 19.3 28.9  
 265 22.3 18.0 27.0

