

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080922\  
 Data File : BM036173.D  
 Acq On : 09 Aug 2022 13:45  
 Operator : CG/JU  
 Sample : N3962-11  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 RVE-197

Quant Time: Aug 10 03:32:56 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM080122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 08 23:36:56 2022  
 Response via : Initial Calibration

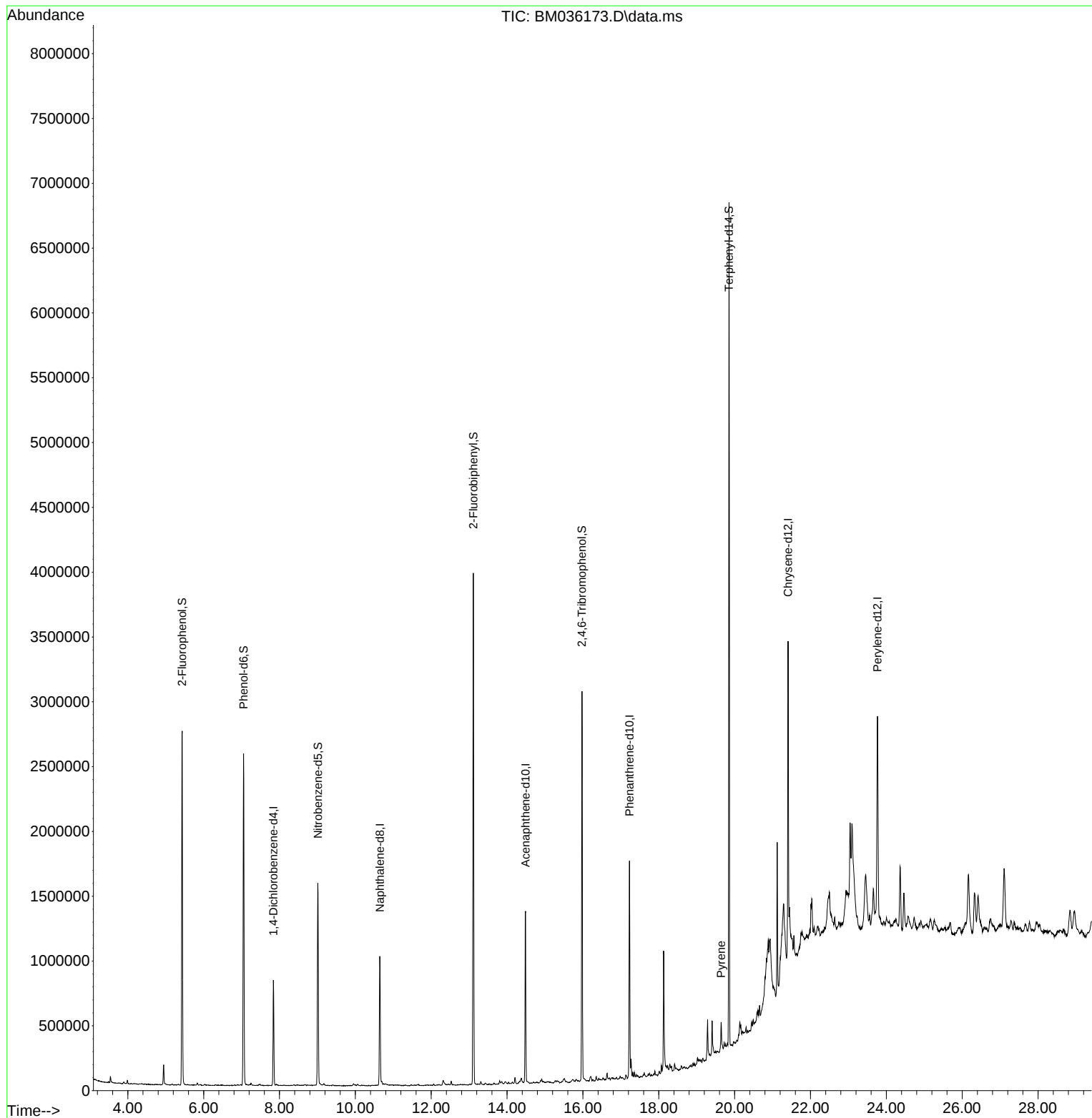
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|--------|-------|-----------|
| -----                       |        |      |          |        |       |           |
| Internal Standards          |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 7.839  | 152  | 218041   | 20.000 | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.645 | 136  | 829090   | 20.000 | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.486 | 164  | 463039   | 20.000 | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.227 | 188  | 948703   | 20.000 | ng    | 0.00      |
| 76) Chrysene-d12            | 21.409 | 240  | 1009852  | 20.000 | ng    | -0.01     |
| 86) Perylene-d12            | 23.768 | 264  | 1111363  | 20.000 | ng    | 0.00      |
| System Monitoring Compounds |        |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.434  | 112  | 1226320  | 91.184 | ng    | 0.00      |
| 7) Phenol-d6                | 7.051  | 99   | 1470433  | 85.926 | ng    | -0.01     |
| 23) Nitrobenzene-d5         | 9.010  | 82   | 895876   | 60.486 | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 15.974 | 330  | 531134   | 97.778 | ng    | -0.01     |
| 45) 2-Fluorobiphenyl        | 13.110 | 172  | 1898062  | 60.523 | ng    | -0.01     |
| 79) Terphenyl-d14           | 19.850 | 244  | 3045453  | 59.484 | ng    | -0.01     |
| Target Compounds            |        |      |          |        |       |           |
| 78) Pyrene                  | 19.645 | 202  | 133968   | 2.139  | ng    | Qvalue 99 |
| -----                       |        |      |          |        |       |           |

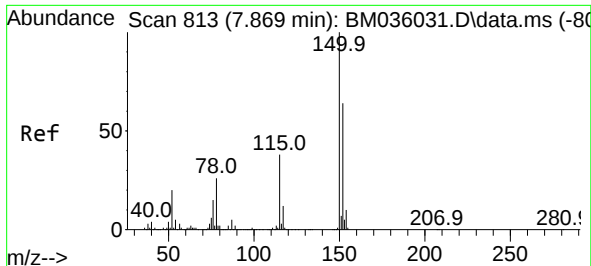
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080922\  
Data File : BM036173.D  
Acq On : 09 Aug 2022 13:45  
Operator : CG/JU  
Sample : N3962-11  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
RVE-197

Quant Time: Aug 10 03:32:56 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM080122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Aug 08 23:36:56 2022  
Response via : Initial Calibration

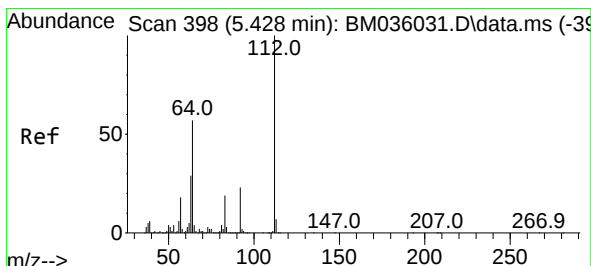
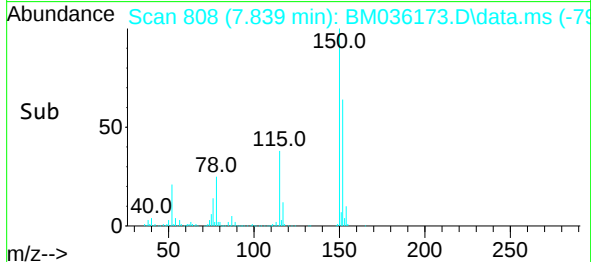
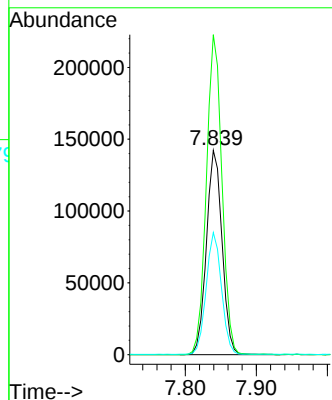
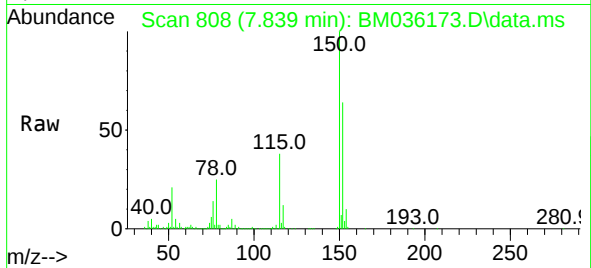




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.839 min Scan# 808  
Delta R.T. -0.006 min  
Lab File: BM036173.D  
Acq: 09 Aug 2022 13:45

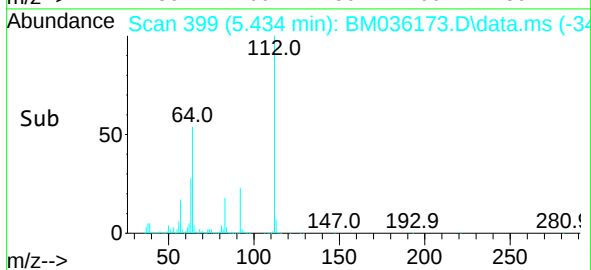
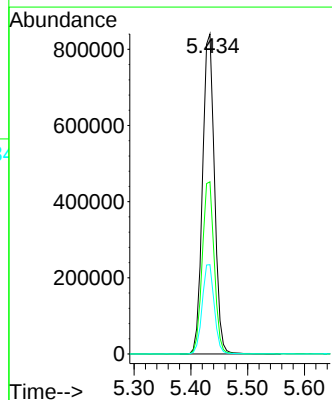
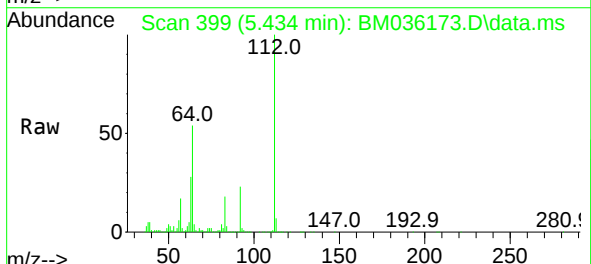
Instrument :  
BNA\_M  
ClientSampleId :  
RVE-197

Tgt Ion:152 Resp: 218041  
Ion Ratio Lower Upper  
152 100  
150 156.6 124.9 187.3  
115 59.7 47.9 71.9



#5  
2-Fluorophenol  
Concen: 91.184 ng  
RT: 5.434 min Scan# 399  
Delta R.T. 0.000 min  
Lab File: BM036173.D  
Acq: 09 Aug 2022 13:45

Tgt Ion:112 Resp: 1226320  
Ion Ratio Lower Upper  
112 100  
64 53.8 47.8 71.6  
63 27.9 26.6 40.0

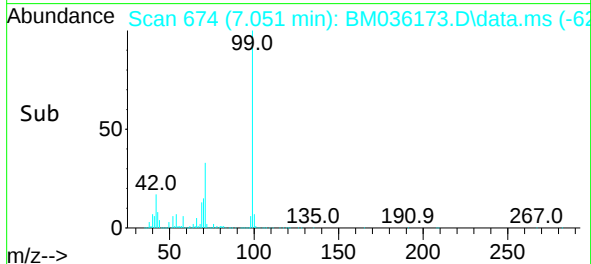
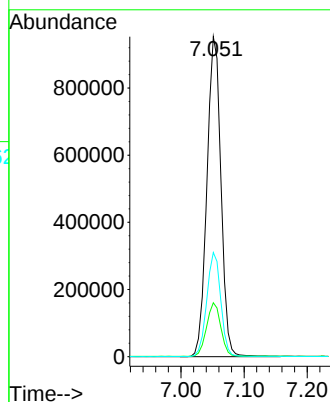
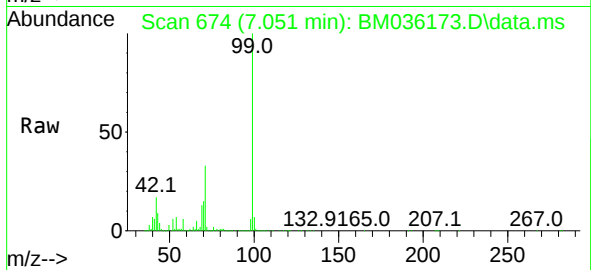




#7  
Phenol-d6  
Concen: 85.926 ng  
RT: 7.051 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BM036173.D  
Acq: 09 Aug 2022 13:45

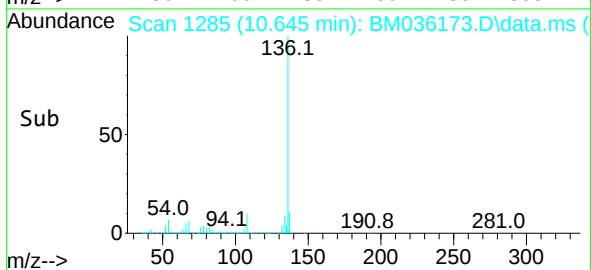
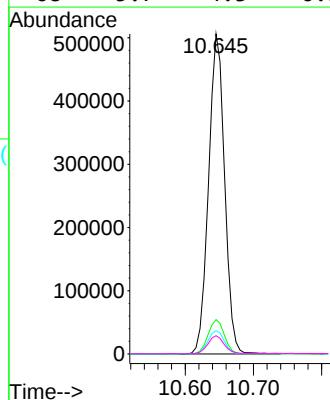
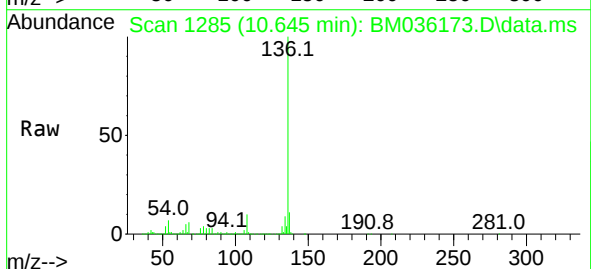
Instrument :  
BNA\_M  
ClientSampleId :  
RVE-197

Tgt Ion: 99 Resp: 1470433  
Ion Ratio Lower Upper  
99 100  
42 16.9 18.8 28.2#  
71 32.5 30.2 45.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.645 min Scan# 1285  
Delta R.T. -0.006 min  
Lab File: BM036173.D  
Acq: 09 Aug 2022 13:45

Tgt Ion: 136 Resp: 829090  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.9 13.3  
54 7.3 7.0 10.4  
68 5.7 4.3 6.5

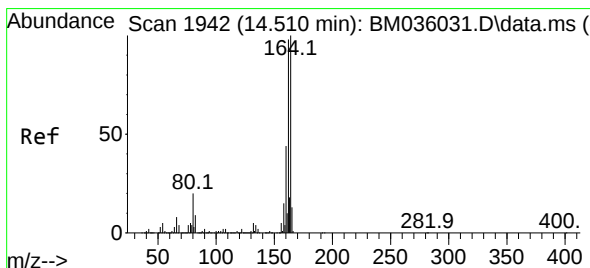
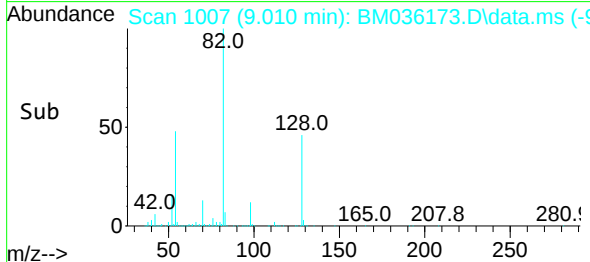
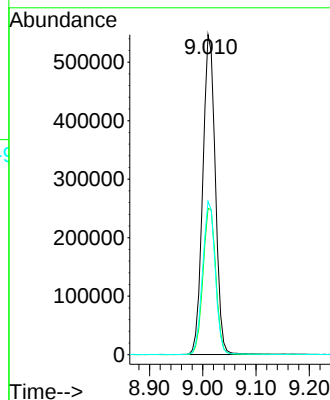
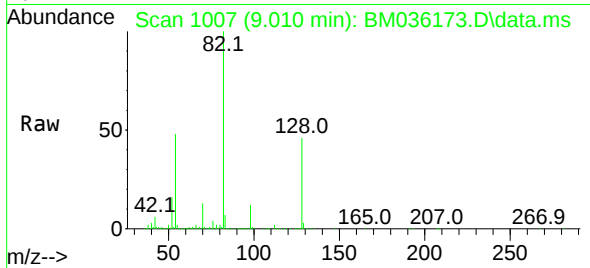




#23  
Nitrobenzene-d5  
Concen: 60.486 ng  
RT: 9.010 min Scan# 1012  
Delta R.T. -0.012 min  
Lab File: BM036173.D  
Acq: 09 Aug 2022 13:45

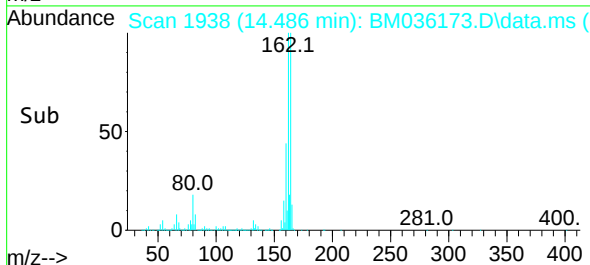
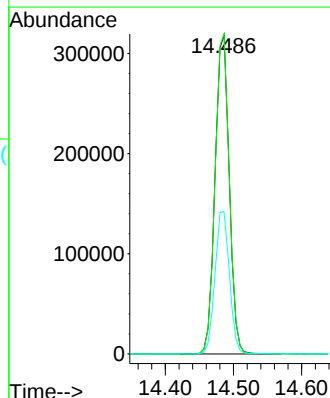
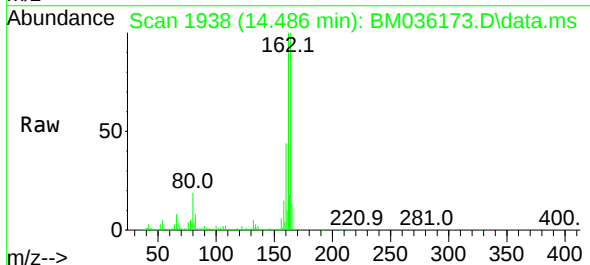
Instrument :  
BNA\_M  
ClientSampleId :  
RVE-197

Tgt Ion: 82 Resp: 895876  
Ion Ratio Lower Upper  
82 100  
128 45.8 33.7 50.5  
54 47.9 43.2 64.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.486 min Scan# 1938  
Delta R.T. -0.006 min  
Lab File: BM036173.D  
Acq: 09 Aug 2022 13:45

Tgt Ion: 164 Resp: 463039  
Ion Ratio Lower Upper  
164 100  
162 100.3 83.0 124.6  
160 44.5 37.0 55.4

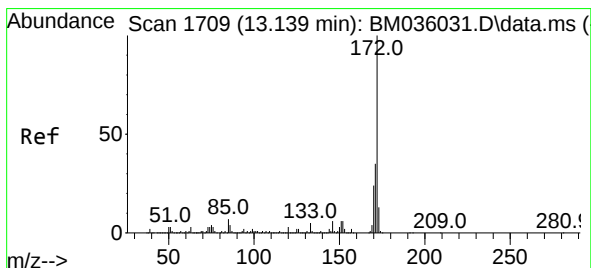
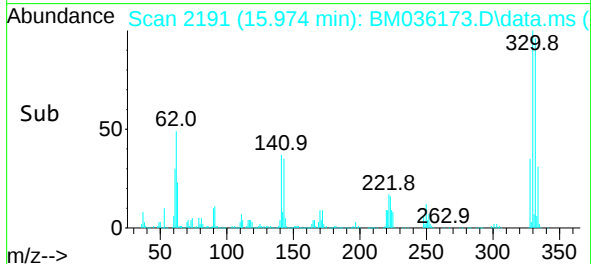
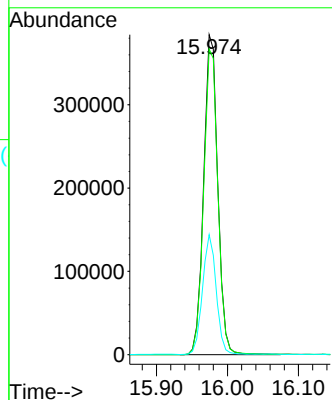
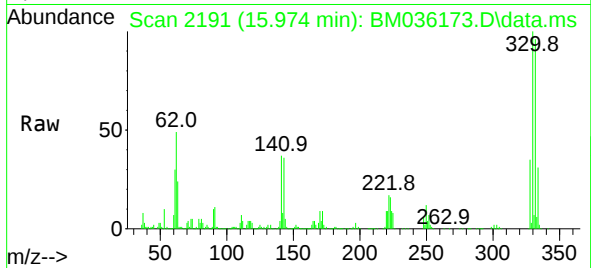




#42  
2,4,6-Tribromophenol  
Concen: 97.778 ng  
RT: 15.974 min Scan# 2191  
Delta R.T. -0.012 min  
Lab File: BM036173.D  
Acq: 09 Aug 2022 13:45

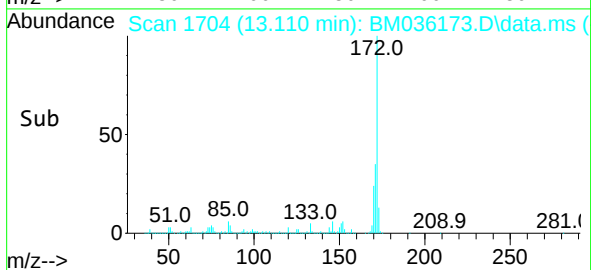
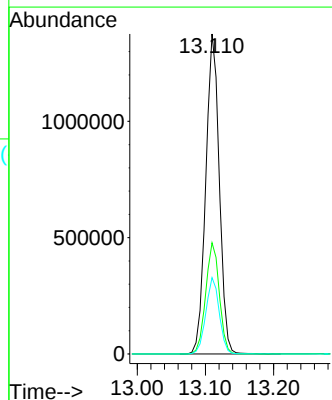
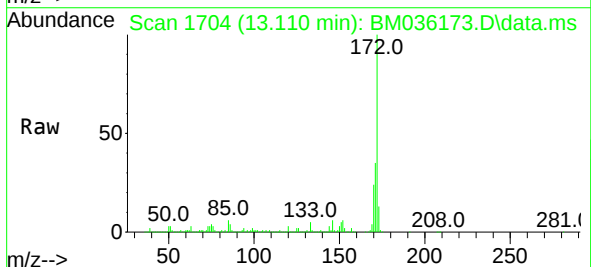
Instrument :  
BNA\_M  
ClientSampleId :  
RVE-197

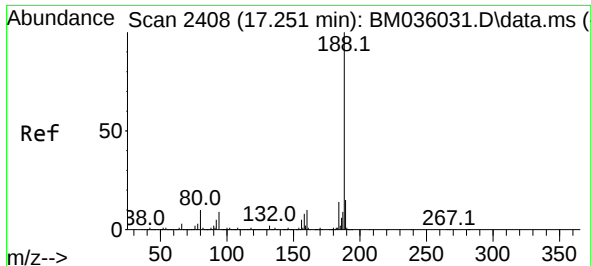
Tgt Ion:330 Resp: 531134  
Ion Ratio Lower Upper  
330 100  
332 96.1 77.0 115.4  
141 36.5 35.3 52.9



#45  
2-Fluorobiphenyl  
Concen: 60.523 ng  
RT: 13.110 min Scan# 1704  
Delta R.T. -0.012 min  
Lab File: BM036173.D  
Acq: 09 Aug 2022 13:45

Tgt Ion:172 Resp: 1898062  
Ion Ratio Lower Upper  
172 100  
171 34.7 28.5 42.7  
170 23.8 18.7 28.1

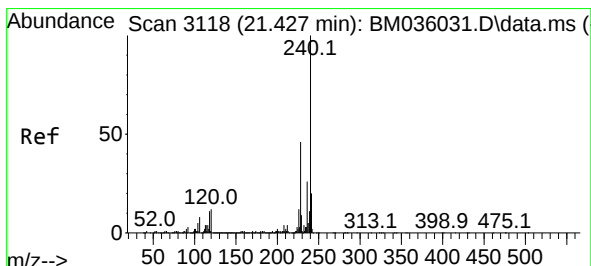
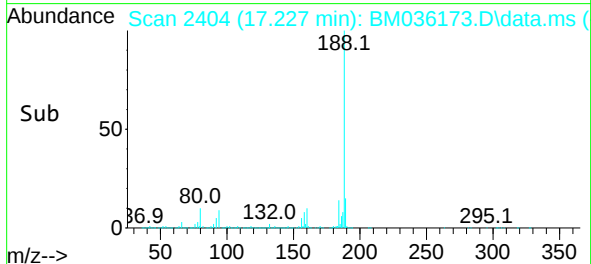
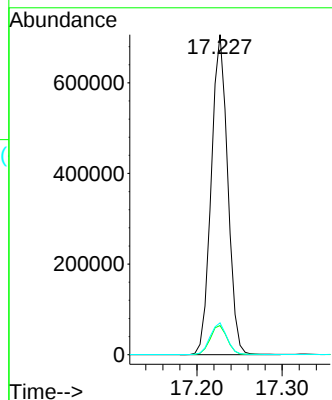
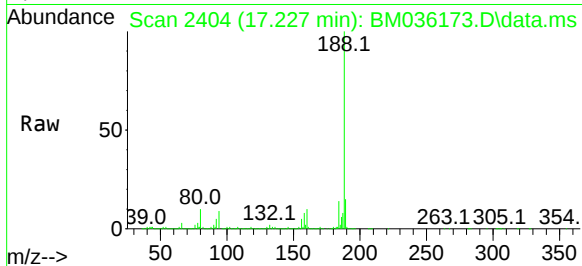




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.227 min Scan# 2404  
Delta R.T. -0.006 min  
Lab File: BM036173.D  
Acq: 09 Aug 2022 13:45

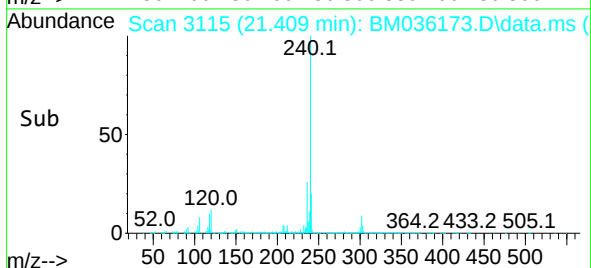
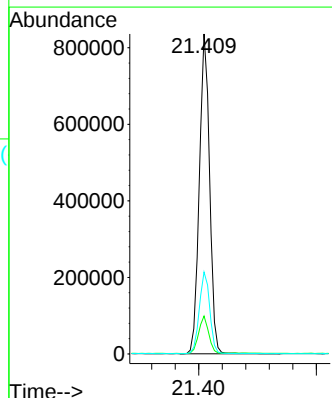
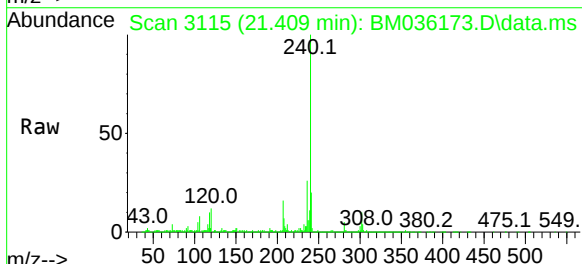
Instrument :  
BNA\_M  
ClientSampleId :  
RVE-197

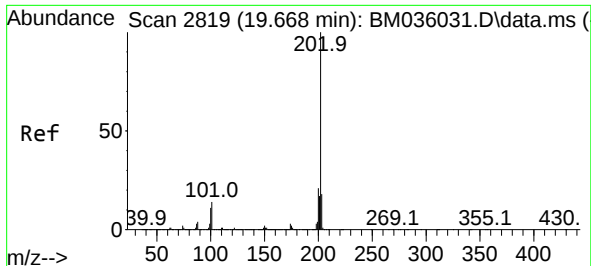
Tgt Ion:188 Resp: 948703  
Ion Ratio Lower Upper  
188 100  
94 9.1 7.0 10.4  
80 10.0 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.409 min Scan# 3115  
Delta R.T. -0.012 min  
Lab File: BM036173.D  
Acq: 09 Aug 2022 13:45

Tgt Ion:240 Resp: 1009852  
Ion Ratio Lower Upper  
240 100  
120 11.8 9.4 14.0  
236 25.6 20.6 30.8

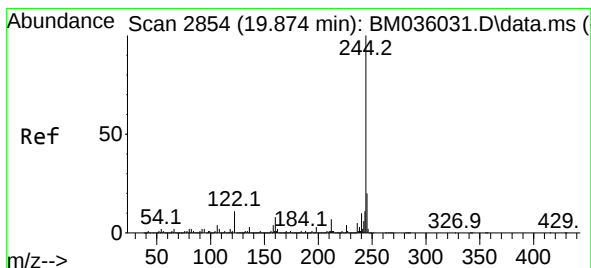
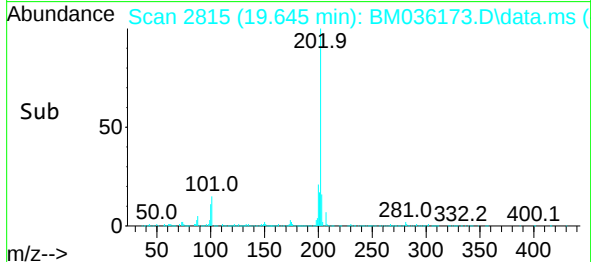
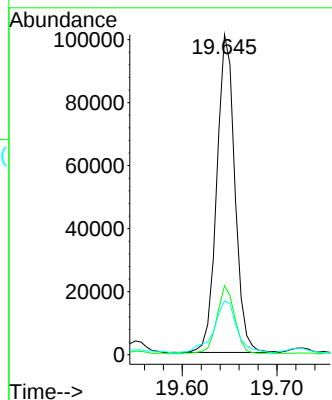
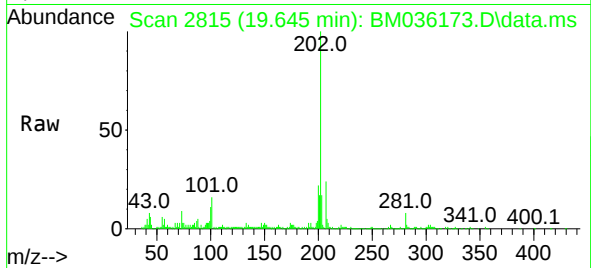




#78  
 Pyrene  
 Concen: 2.139 ng  
 RT: 19.645 min Scan# 2  
 Delta R.T. -0.012 min  
 Lab File: BM036173.D  
 Acq: 09 Aug 2022 13:45

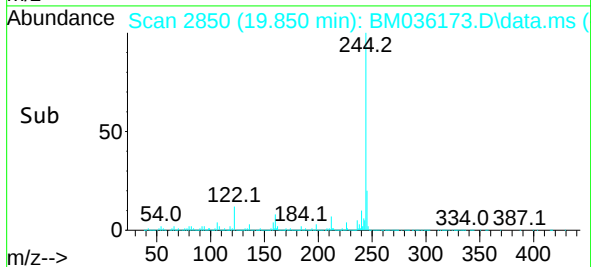
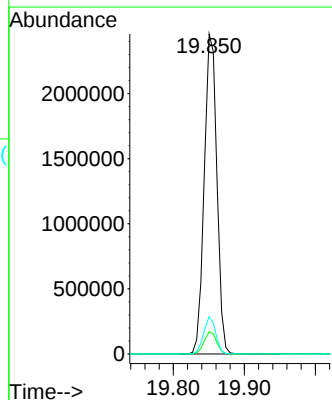
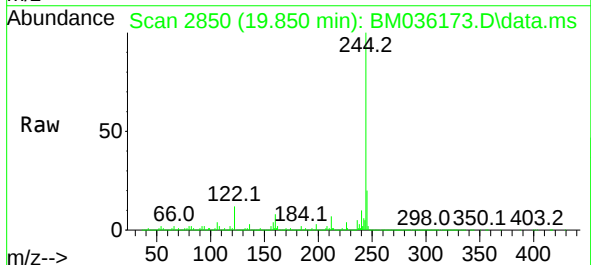
Instrument :  
 BNA\_M  
 ClientSampleId :  
 RVE-197

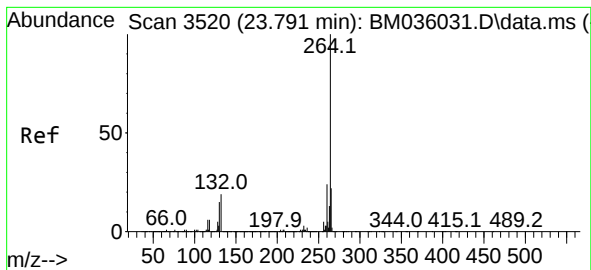
Tgt Ion:202 Resp: 133968  
 Ion Ratio Lower Upper  
 202 100  
 200 21.6 16.7 25.1  
 203 16.8 13.9 20.9



#79  
 Terphenyl-d14  
 Concen: 59.484 ng  
 RT: 19.850 min Scan# 2850  
 Delta R.T. -0.012 min  
 Lab File: BM036173.D  
 Acq: 09 Aug 2022 13:45

Tgt Ion:244 Resp: 3045453  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 6.2 9.4  
 122 11.7 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.768 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM036173.D

Acq: 09 Aug 2022 13:45

Instrument :

BNA\_M

ClientSampleId :

RVE-197

Tgt Ion:264 Resp: 1111363

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 22.8 17.5 26.3

