

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060923\  
 Data File : BM040212.D  
 Acq On : 10 Jun 2023 05:29  
 Operator : MA/JU  
 Sample : 03096-01  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-24-0A

Quant Time: Jun 10 06:36:35 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM060823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 08 23:25:50 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.986  | 152  | 347484   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.798 | 136  | 1521680  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.621 | 164  | 971357   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.362 | 188  | 2223359  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.539 | 240  | 2006323  | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 23.974 | 264  | 2118044  | 20.000 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.534  | 112  | 1967737  | 84.555 | ng    | 0.00     |
| 7) Phenol-d6                | 7.145  | 99   | 2551892  | 80.362 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.151  | 82   | 1355371  | 48.210 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.109 | 330  | 1241716  | 84.964 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.251 | 172  | 3615398  | 49.194 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.980 | 244  | 6742783  | 61.952 | ng    | 0.00     |

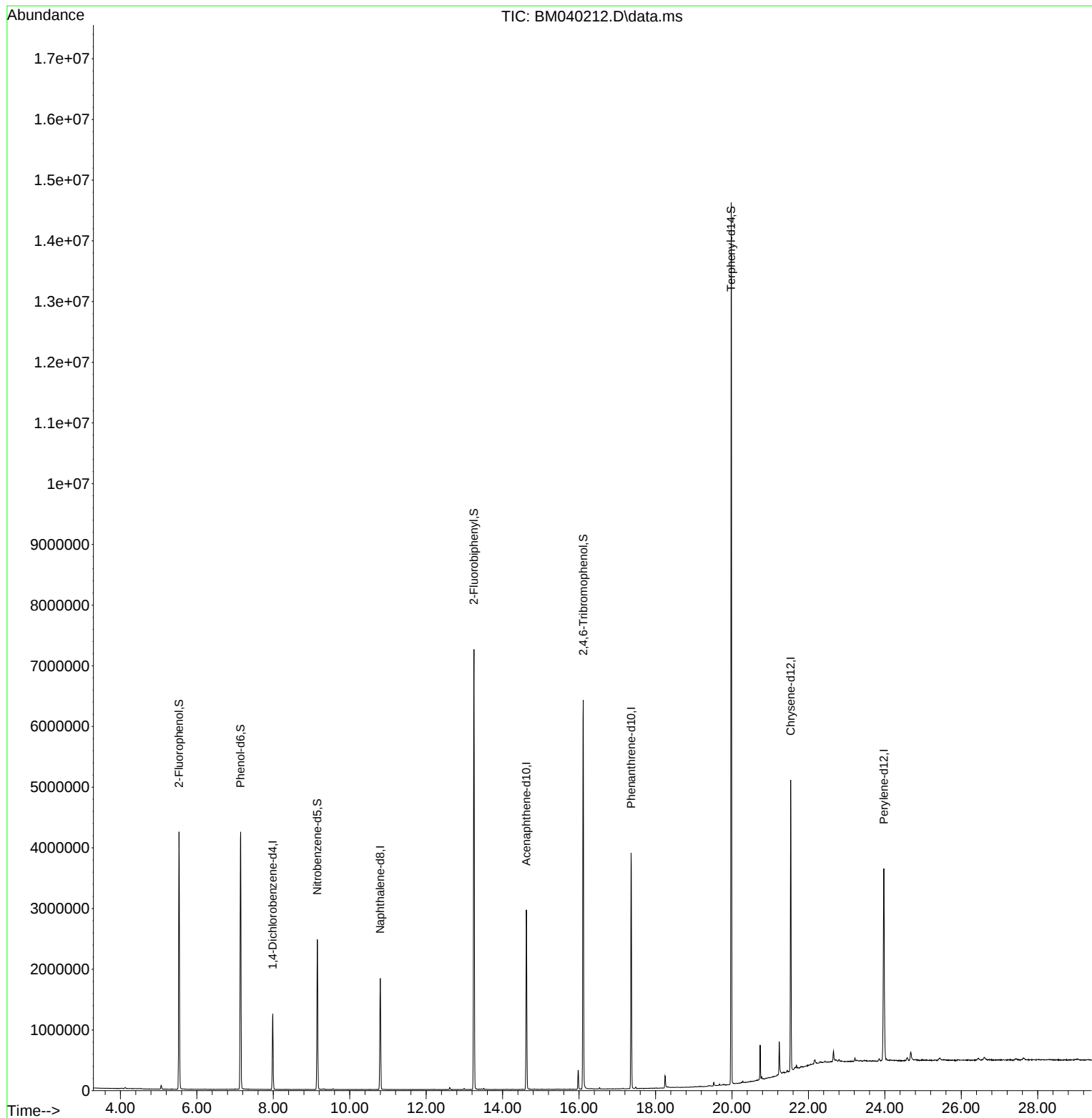
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

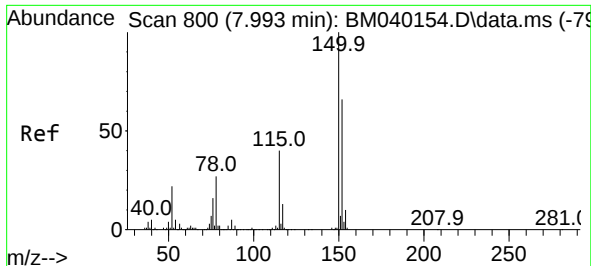
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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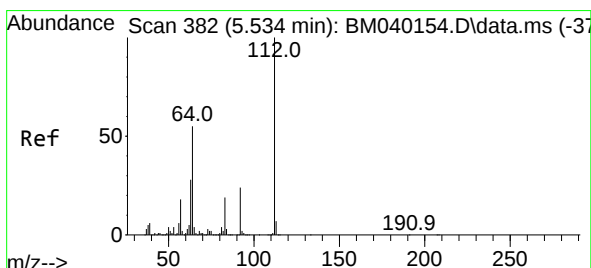
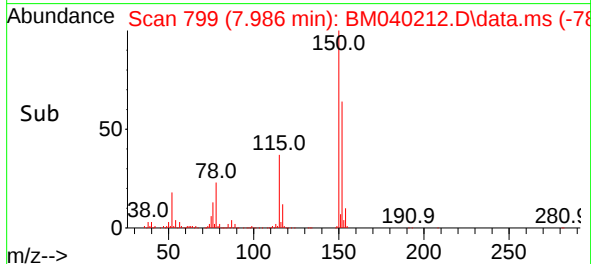
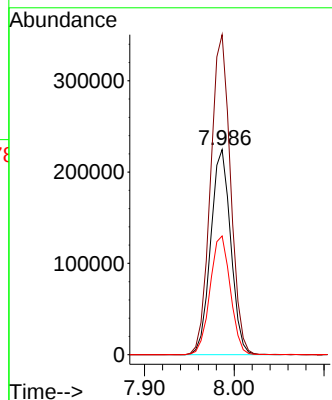
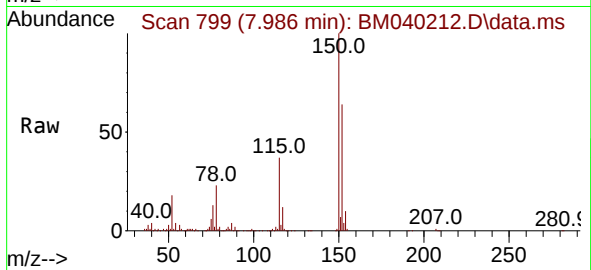




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.986 min Scan# 799  
Delta R.T. -0.007 min  
Lab File: BM040212.D  
Acq: 10 Jun 2023 05:29

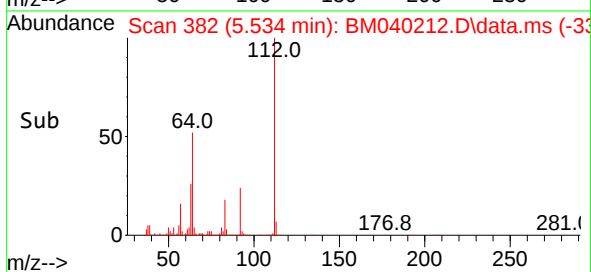
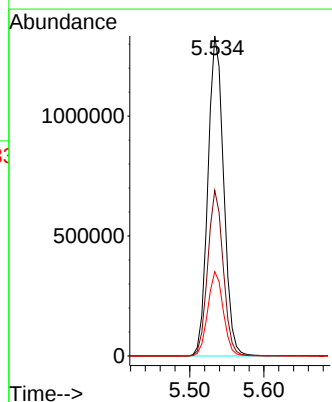
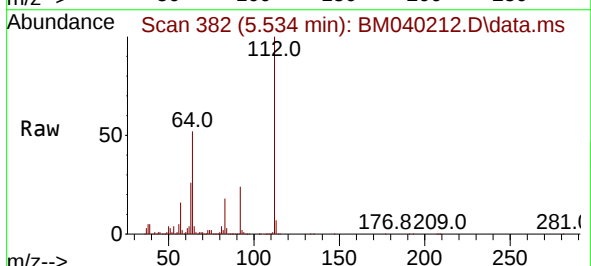
Instrument :  
BNA\_M  
ClientSampleId :  
TP-24-0A

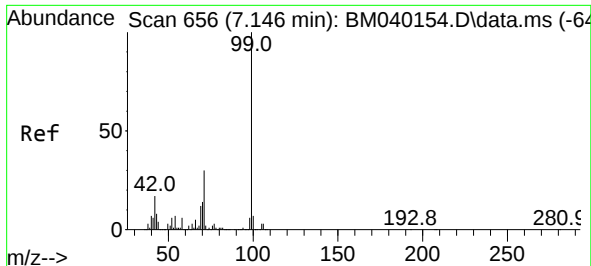
Tgt Ion:152 Resp: 347484  
Ion Ratio Lower Upper  
152 100  
150 156.0 121.4 182.0  
115 57.9 48.2 72.4



#5  
2-Fluorophenol  
Concen: 84.555 ng  
RT: 5.534 min Scan# 382  
Delta R.T. -0.000 min  
Lab File: BM040212.D  
Acq: 10 Jun 2023 05:29

Tgt Ion:112 Resp: 1967737  
Ion Ratio Lower Upper  
112 100  
64 51.7 43.8 65.6  
63 26.3 22.8 34.2



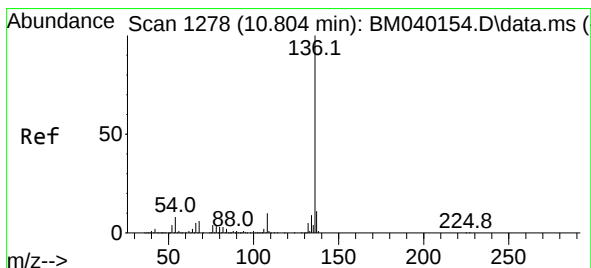
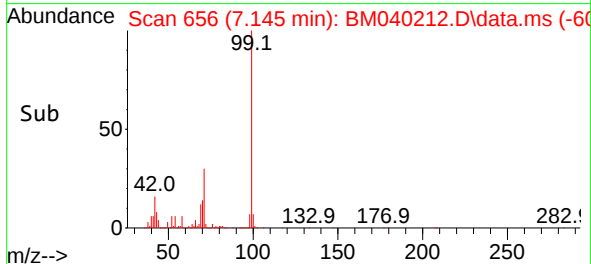
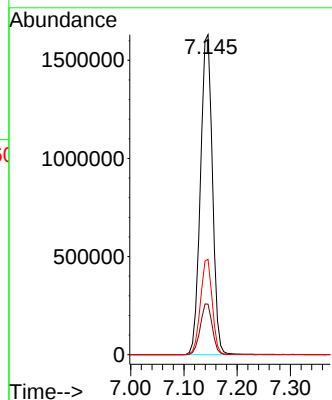
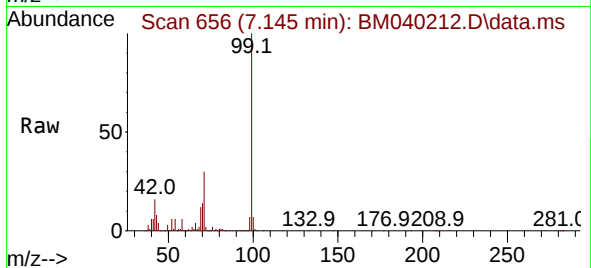


#7  
Phenol-d6  
Concen: 80.362 ng  
RT: 7.145 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM040212.D  
Acq: 10 Jun 2023 05:29

Instrument :  
BNA\_M  
ClientSampleId :  
TP-24-0A

Tgt Ion: 99 Resp: 2551892

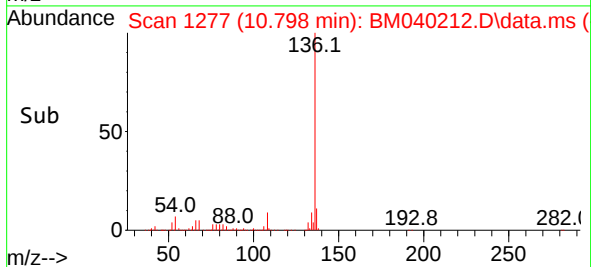
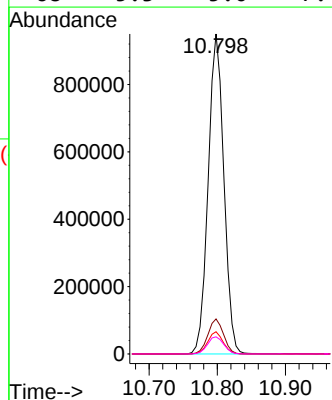
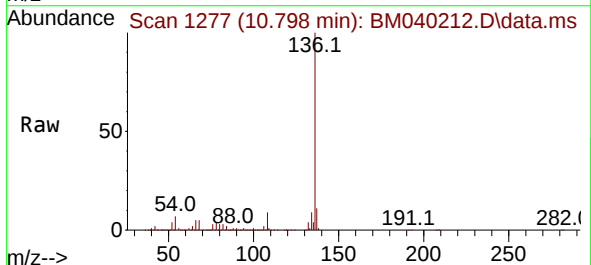
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.8  | 13.4  | 20.2  |
| 71  | 29.8  | 24.3  | 36.5  |

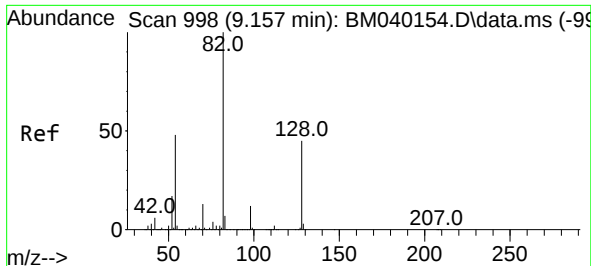


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.798 min Scan# 1277  
Delta R.T. -0.006 min  
Lab File: BM040212.D  
Acq: 10 Jun 2023 05:29

Tgt Ion: 136 Resp: 1521680

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.8   | 13.2  |
| 54  | 7.0   | 6.2   | 9.4   |
| 68  | 5.3   | 5.0   | 7.4   |

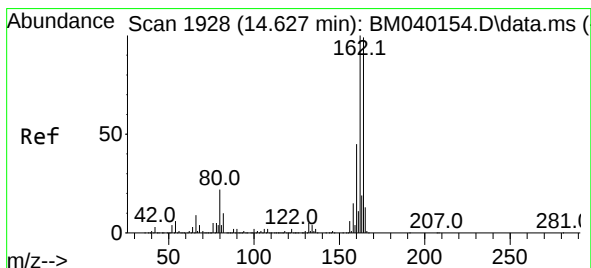
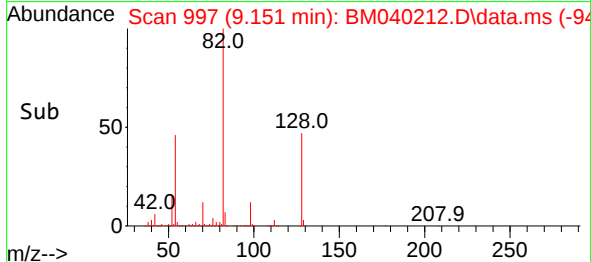
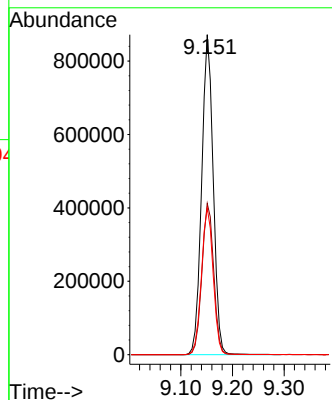
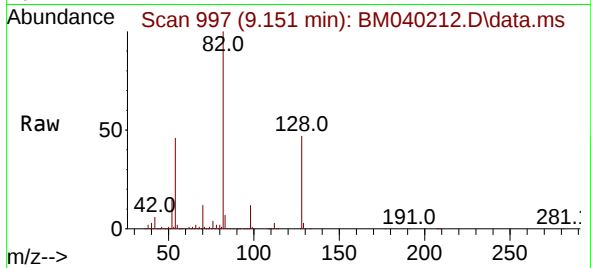




#23  
 Nitrobenzene-d5  
 Concen: 48.210 ng  
 RT: 9.151 min Scan# 998  
 Delta R.T. -0.006 min  
 Lab File: BM040212.D  
 Acq: 10 Jun 2023 05:29

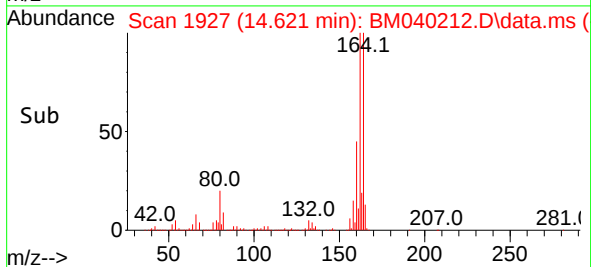
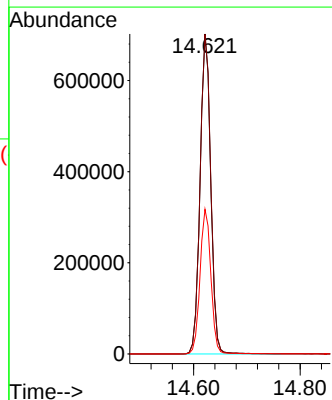
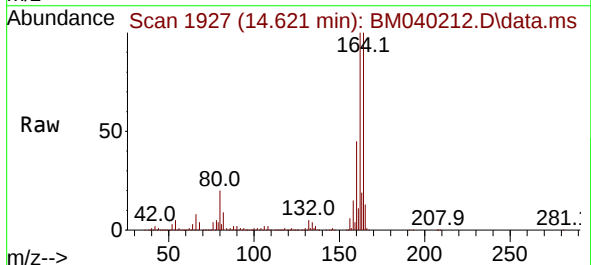
Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-24-0A

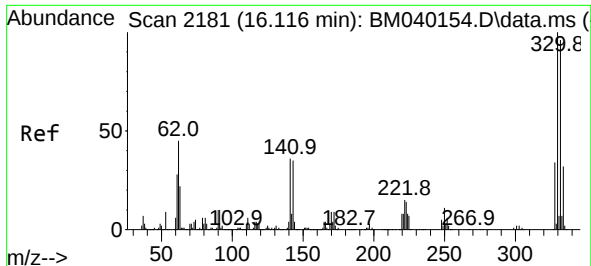
Tgt Ion: 82 Resp: 1355371  
 Ion Ratio Lower Upper  
 82 100  
 128 47.2 36.0 54.0  
 54 45.9 38.5 57.7



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.621 min Scan# 1927  
 Delta R.T. -0.006 min  
 Lab File: BM040212.D  
 Acq: 10 Jun 2023 05:29

Tgt Ion: 164 Resp: 971357  
 Ion Ratio Lower Upper  
 164 100  
 162 99.9 80.4 120.6  
 160 45.2 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 84.964 ng

RT: 16.109 min Scan# 21

Delta R.T. -0.007 min

Lab File: BM040212.D

Acq: 10 Jun 2023 05:29

Instrument :

BNA\_M

ClientSampleId :

TP-24-0A

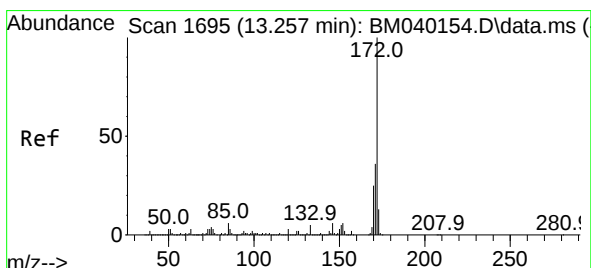
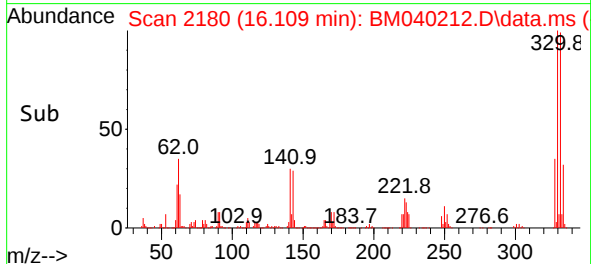
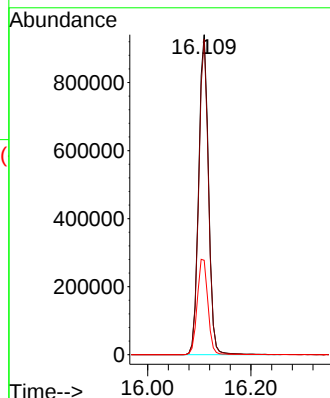
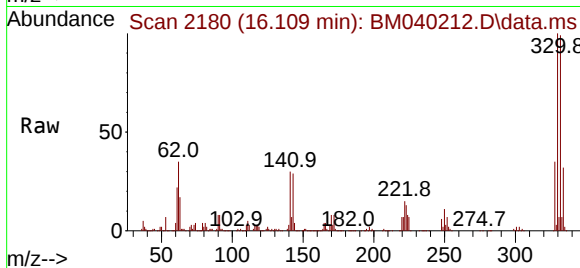
Tgt Ion:330 Resp: 1241716

Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

141 32.3 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 49.194 ng

RT: 13.251 min Scan# 1694

Delta R.T. -0.006 min

Lab File: BM040212.D

Acq: 10 Jun 2023 05:29

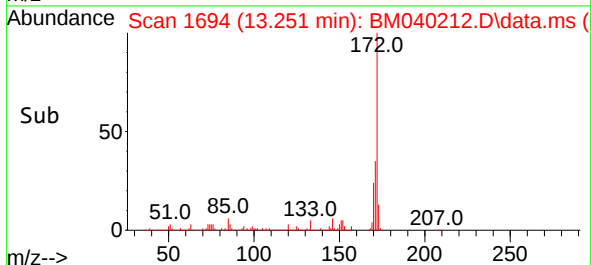
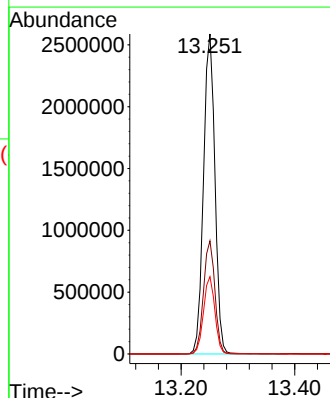
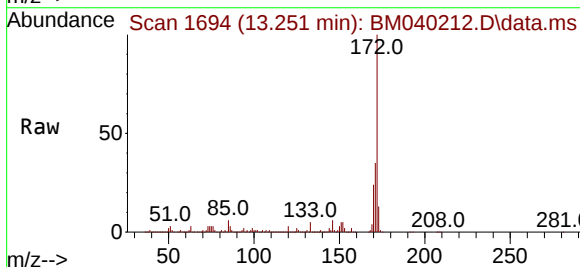
Tgt Ion:172 Resp: 3615398

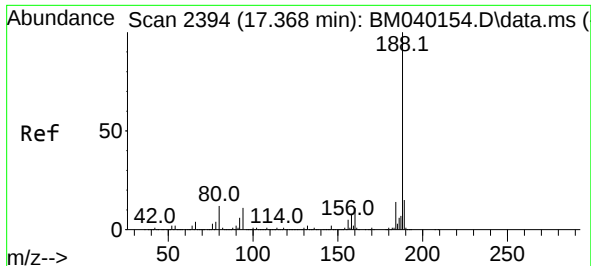
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 24.1 19.8 29.6

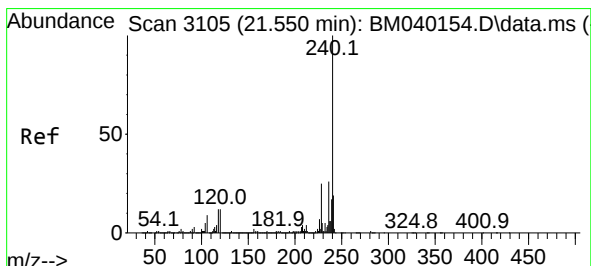
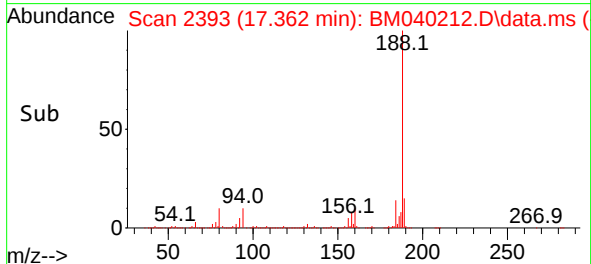
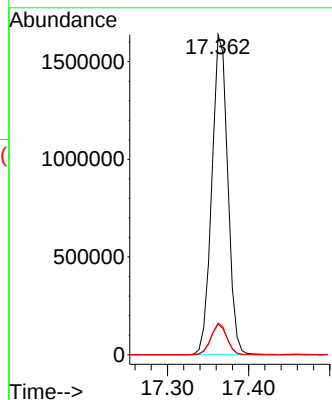
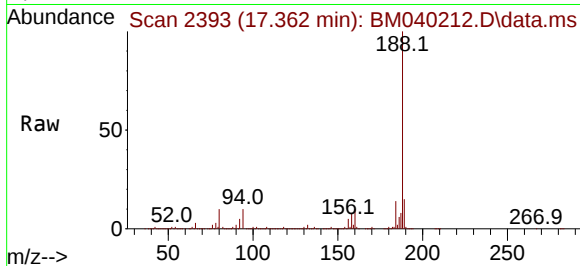




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.362 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM040212.D  
Acq: 10 Jun 2023 05:29

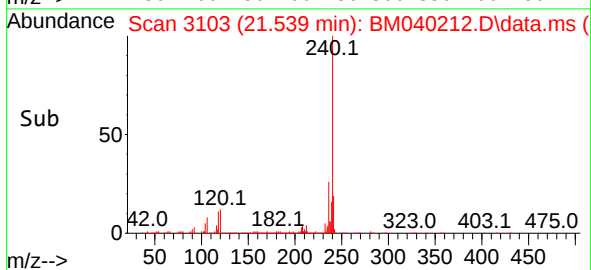
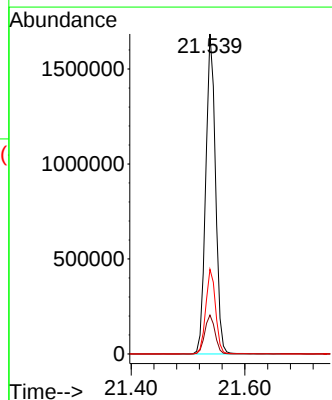
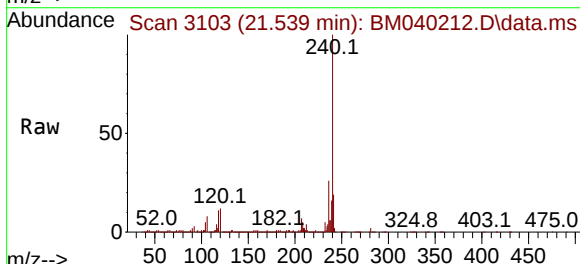
Instrument :  
BNA\_M  
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TP-24-0A

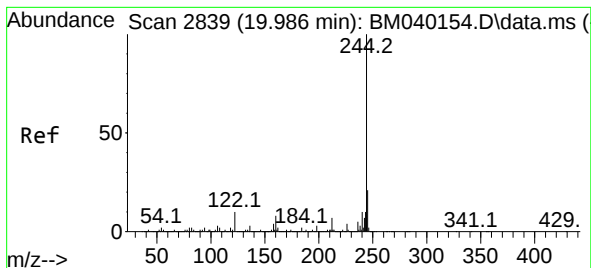
Tgt Ion:188 Resp: 2223359  
Ion Ratio Lower Upper  
188 100  
94 9.6 8.9 13.3  
80 9.9 9.6 14.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.539 min Scan# 3103  
Delta R.T. -0.012 min  
Lab File: BM040212.D  
Acq: 10 Jun 2023 05:29

Tgt Ion:240 Resp: 2006323  
Ion Ratio Lower Upper  
240 100  
120 12.2 9.9 14.9  
236 26.4 21.1 31.7





#79

Terphenyl-d14

Concen: 61.952 ng

RT: 19.980 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM040212.D

Acq: 10 Jun 2023 05:29

Instrument :

BNA\_M

ClientSampleId :

TP-24-0A

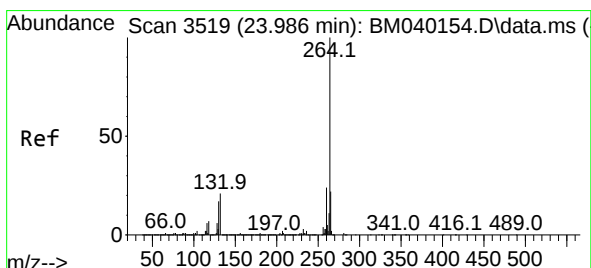
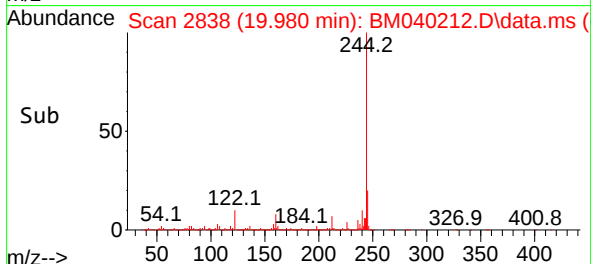
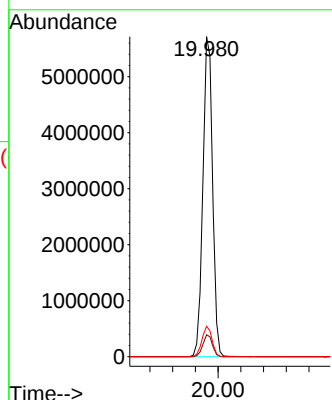
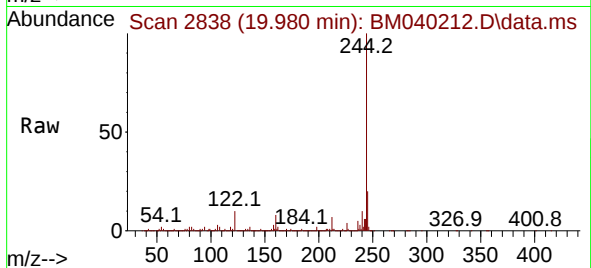
Tgt Ion:244 Resp: 6742783

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 9.5 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.974 min Scan# 3517

Delta R.T. -0.012 min

Lab File: BM040212.D

Acq: 10 Jun 2023 05:29

Tgt Ion:264 Resp: 2118044

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.6 17.7 26.5

