

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100522\  
 Data File : BM036836.D  
 Acq On : 05 Oct 2022 15:33  
 Operator : CG/JU  
 Sample : N4860-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MW-05

Quant Time: Oct 06 02:34:18 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM100322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 04 03:17:03 2022  
 Response via : Initial Calibration

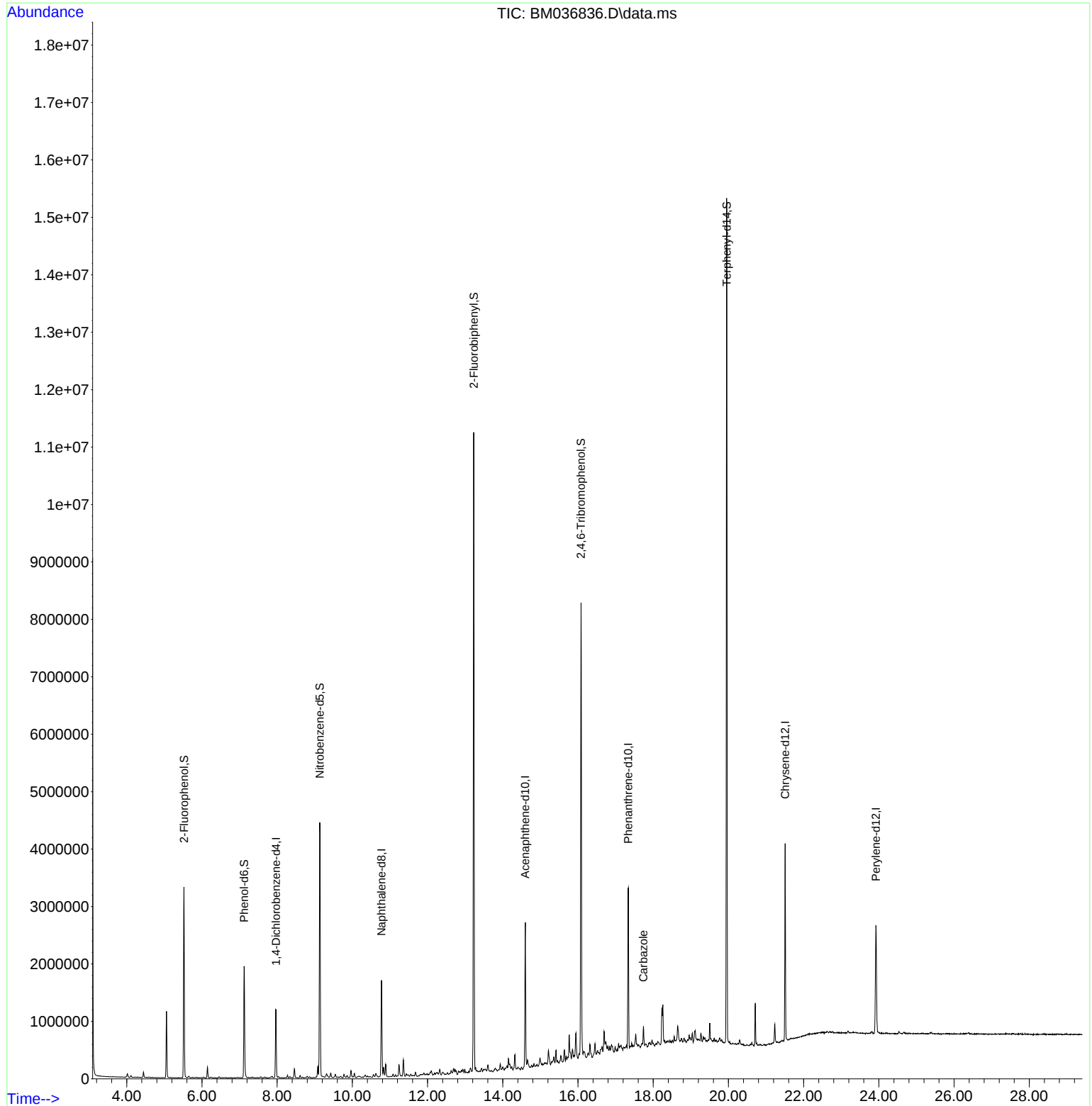
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|---------|-------|-----------|
| -----                       |        |      |          |         |       |           |
| Internal Standards          |        |      |          |         |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 7.969  | 152  | 309765   | 20.000  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.775 | 136  | 1324918  | 20.000  | ng    | -0.01     |
| 39) Acenaphthene-d10        | 14.598 | 164  | 789215   | 20.000  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.339 | 188  | 1602092  | 20.000  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.509 | 240  | 1478792  | 20.000  | ng    | 0.00      |
| 86) Perylene-d12            | 23.921 | 264  | 1292725  | 20.000  | ng    | 0.00      |
| System Monitoring Compounds |        |      |          |         |       |           |
| 5) 2-Fluorophenol           | 5.522  | 112  | 1349959  | 77.342  | ng    | 0.00      |
| 7) Phenol-d6                | 7.122  | 99   | 1093927  | 44.618  | ng    | -0.02     |
| 23) Nitrobenzene-d5         | 9.133  | 82   | 2458826  | 99.264  | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 16.080 | 330  | 1170433  | 189.091 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.227 | 172  | 5181538  | 101.234 | ng    | 0.00      |
| 79) Terphenyl-d14           | 19.956 | 244  | 6900493  | 92.972  | ng    | 0.00      |
| Target Compounds            |        |      |          |         |       |           |
| 73) Carbazole               | 17.739 | 167  | 176517   | 2.211   | ng    | Qvalue 95 |
| -----                       |        |      |          |         |       |           |

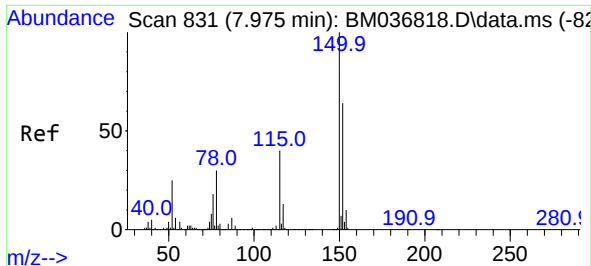
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100522\  
Data File : BM036836.D  
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Sample : N4860-05  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
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Quant Time: Oct 06 02:34:18 2022  
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QLast Update : Tue Oct 04 03:17:03 2022  
Response via : Initial Calibration

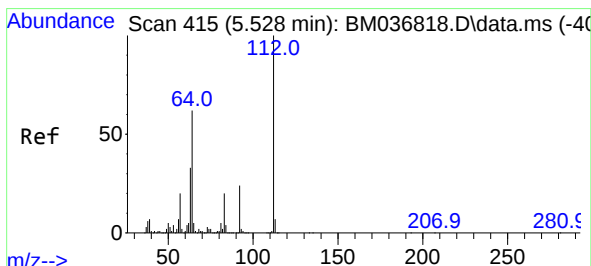
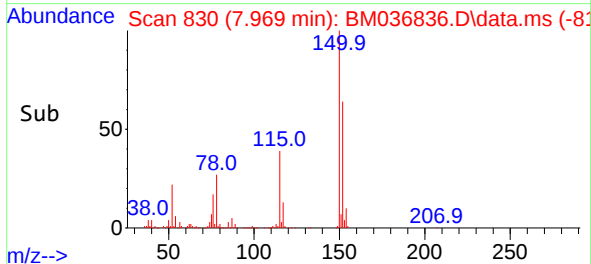
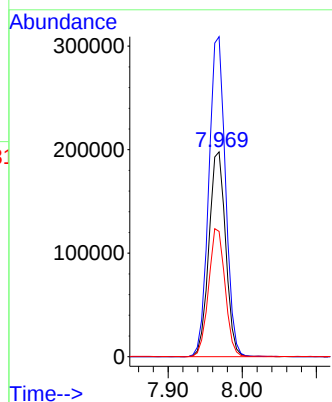
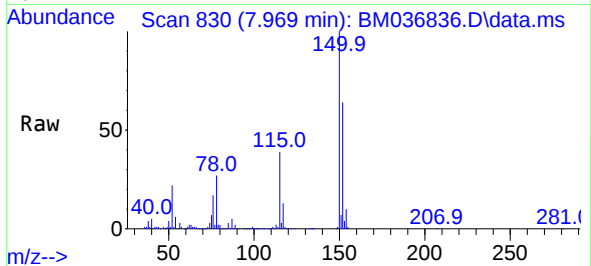




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.969 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BM036836.D  
Acq: 05 Oct 2022 15:33

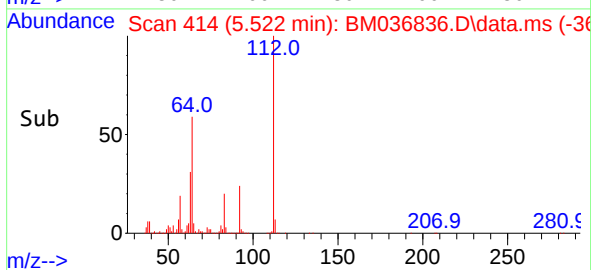
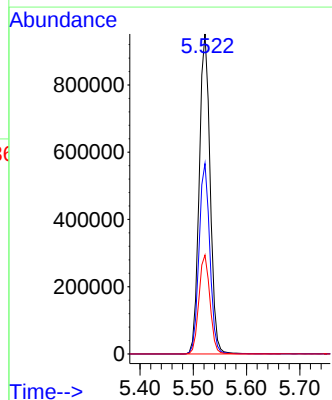
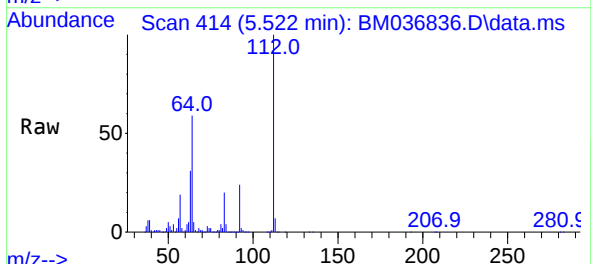
Instrument :  
BNA\_M  
ClientSampleId :  
MW-05

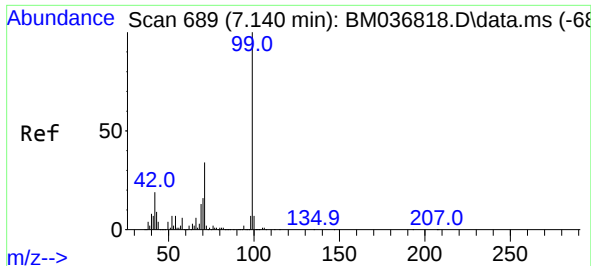
Tgt Ion:152 Resp: 309765  
Ion Ratio Lower Upper  
152 100  
150 156.2 125.9 188.9  
115 61.1 50.1 75.1



#5  
2-Fluorophenol  
Concen: 77.342 ng  
RT: 5.522 min Scan# 414  
Delta R.T. -0.006 min  
Lab File: BM036836.D  
Acq: 05 Oct 2022 15:33

Tgt Ion:112 Resp: 1349959  
Ion Ratio Lower Upper  
112 100  
64 59.5 49.6 74.4  
63 30.9 26.2 39.4



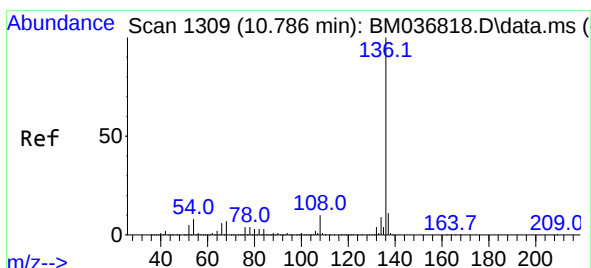
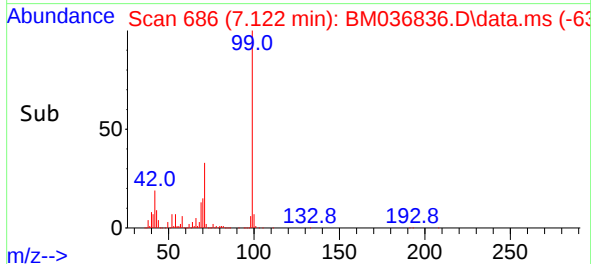
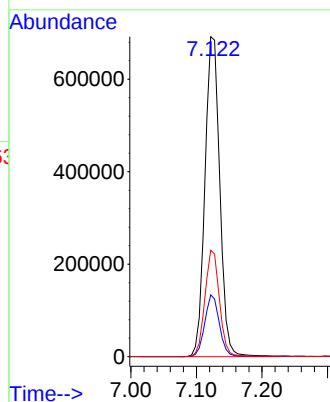
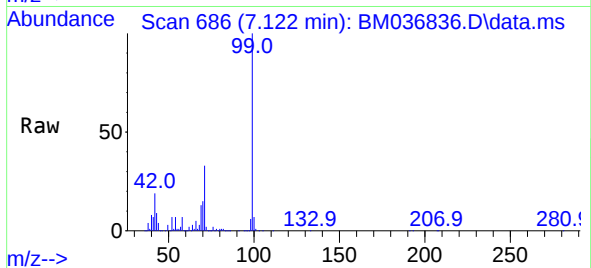


#7  
Phenol-d6  
Concen: 44.618 ng  
RT: 7.122 min Scan# 61  
Delta R.T. -0.018 min  
Lab File: BM036836.D  
Acq: 05 Oct 2022 15:33

Instrument :  
BNA\_M  
ClientSampleId :  
MW-05

Tgt Ion: 99 Resp: 1093927

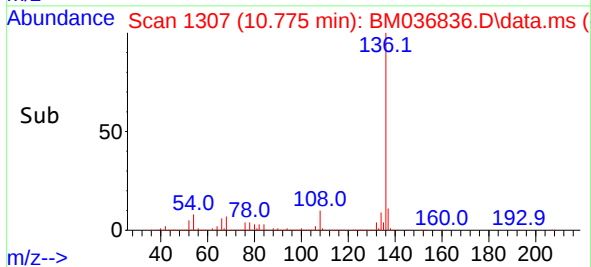
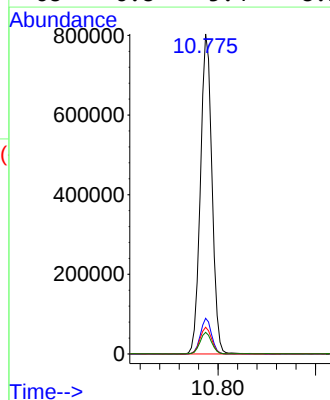
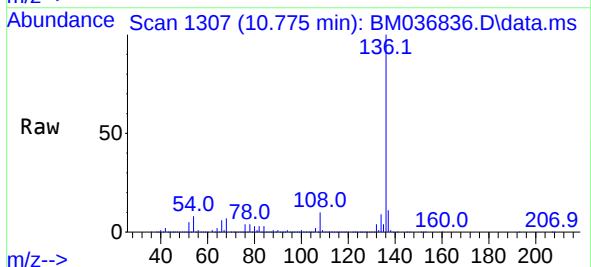
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.3  | 15.4  | 23.0  |
| 71  | 33.2  | 26.9  | 40.3  |

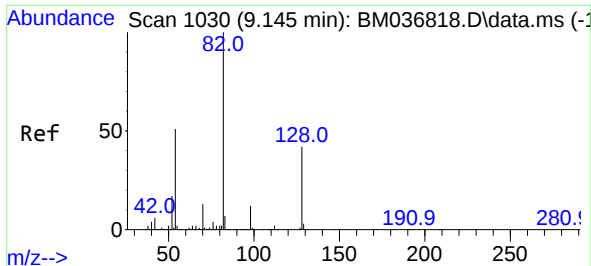


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.775 min Scan# 1307  
Delta R.T. -0.011 min  
Lab File: BM036836.D  
Acq: 05 Oct 2022 15:33

Tgt Ion: 136 Resp: 1324918

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.2  | 8.8   | 13.2  |
| 54  | 8.3   | 6.7   | 10.1  |
| 68  | 6.8   | 5.4   | 8.2   |





#23

Nitrobenzene-d5

Concen: 99.264 ng

RT: 9.133 min Scan# 1028

Delta R.T. -0.012 min

Lab File: BM036836.D

Acq: 05 Oct 2022 15:33

Instrument :

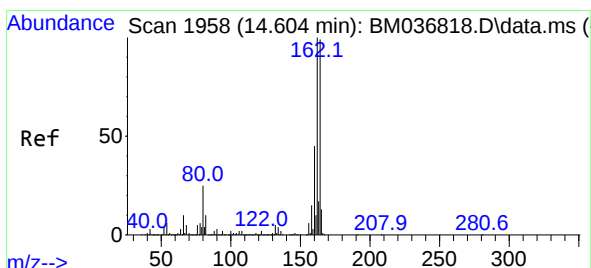
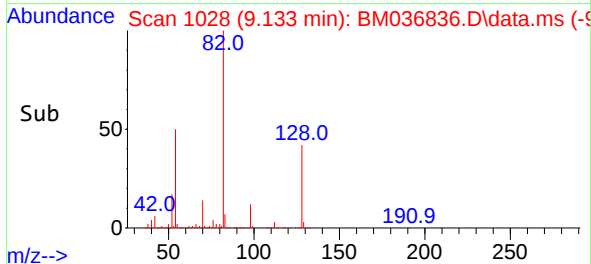
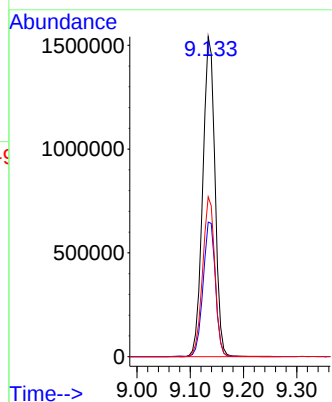
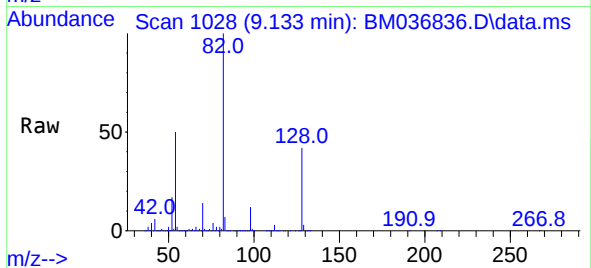
BNA\_M

ClientSampleId :

MW-05

Tgt Ion: 82 Resp: 2458826

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 42.1  | 33.2  | 49.8  |
| 54  | 49.9  | 40.6  | 60.8  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.598 min Scan# 1957

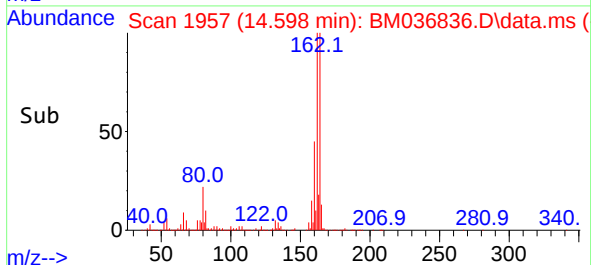
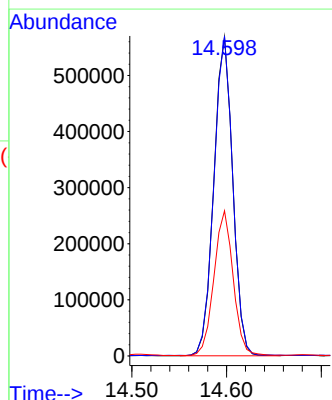
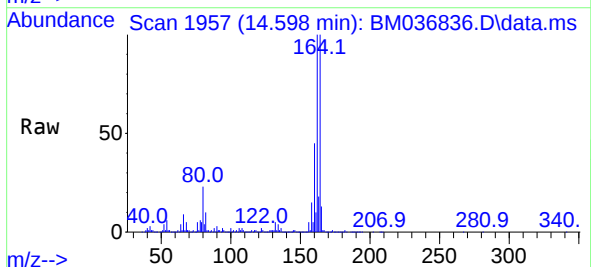
Delta R.T. -0.006 min

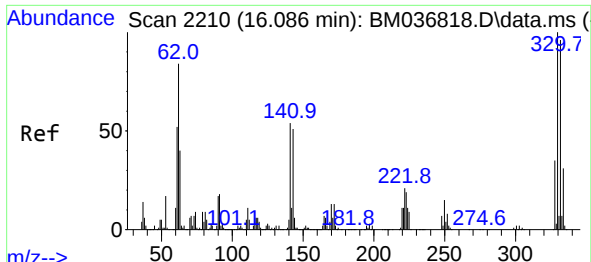
Lab File: BM036836.D

Acq: 05 Oct 2022 15:33

Tgt Ion: 164 Resp: 789215

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 100.3 | 80.5  | 120.7 |
| 160 | 45.5  | 36.1  | 54.1  |

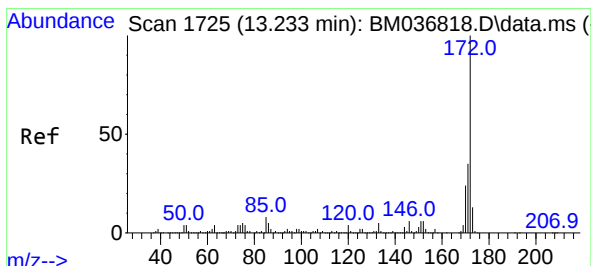
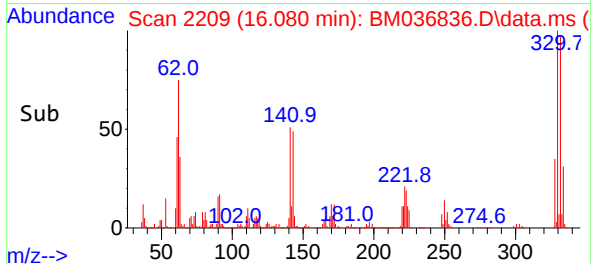
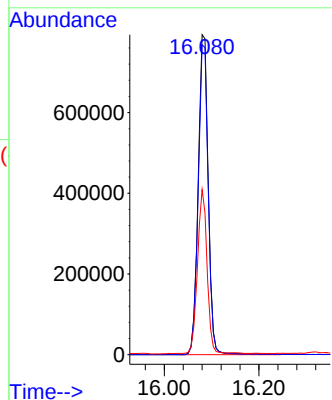
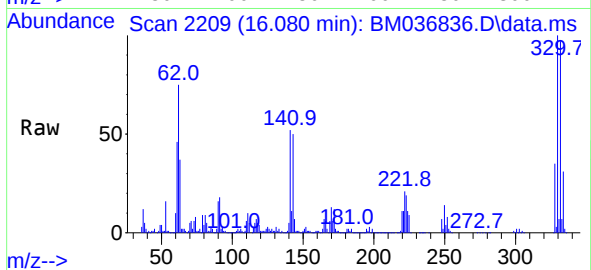




#42  
2,4,6-Tribromophenol  
Concen: 189.091 ng  
RT: 16.080 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM036836.D  
Acq: 05 Oct 2022 15:33

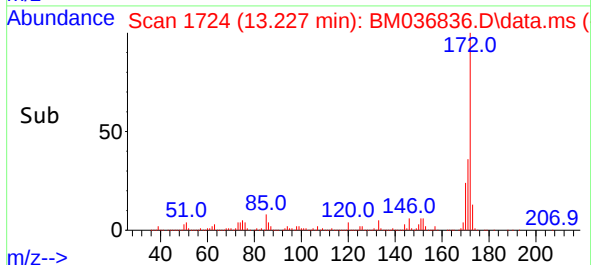
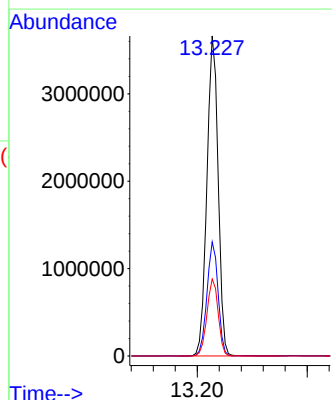
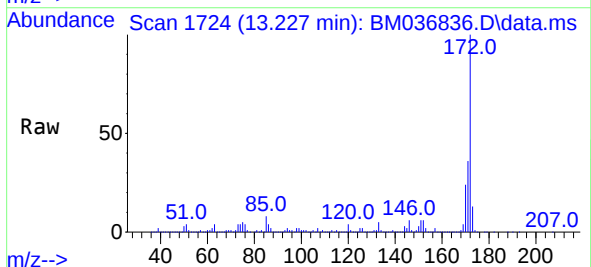
Instrument :  
BNA\_M  
ClientSampleId :  
MW-05

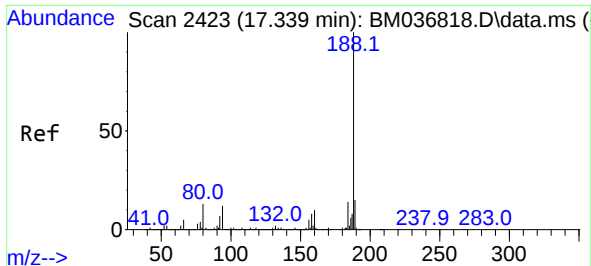
Tgt Ion:330 Resp: 1170433  
Ion Ratio Lower Upper  
330 100  
332 96.1 76.8 115.2  
141 49.2 41.5 62.3



#45  
2-Fluorobiphenyl  
Concen: 101.234 ng  
RT: 13.227 min Scan# 1724  
Delta R.T. -0.006 min  
Lab File: BM036836.D  
Acq: 05 Oct 2022 15:33

Tgt Ion:172 Resp: 5181538  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.4 42.6  
170 24.1 19.0 28.6

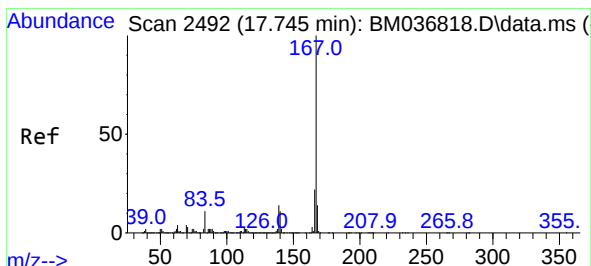
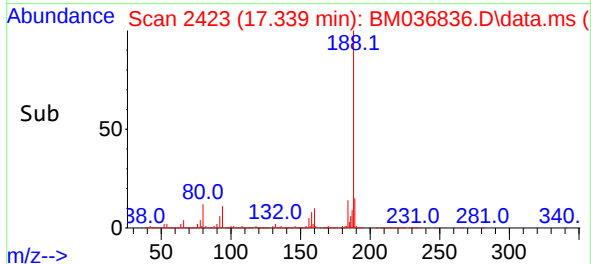
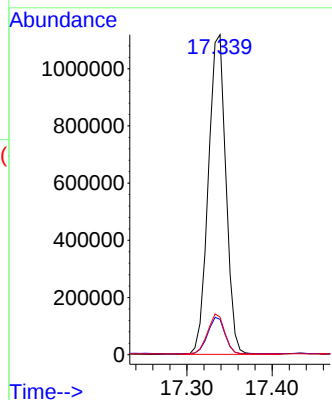
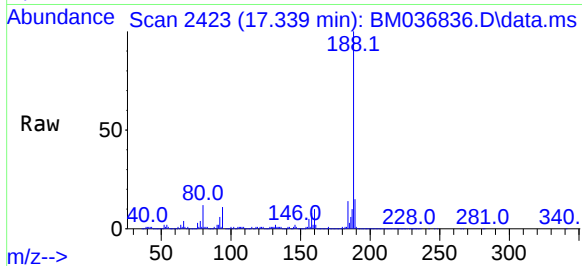




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.339 min Scan# 2423  
Delta R.T. -0.000 min  
Lab File: BM036836.D  
Acq: 05 Oct 2022 15:33

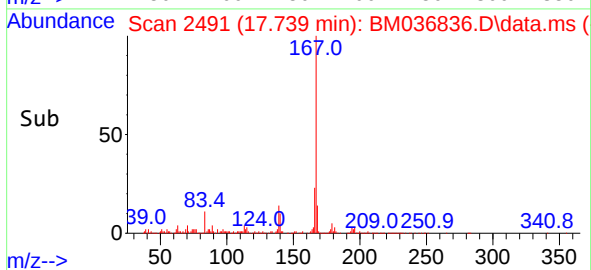
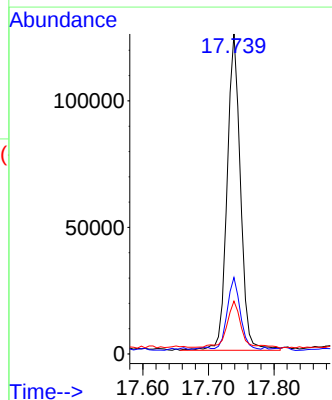
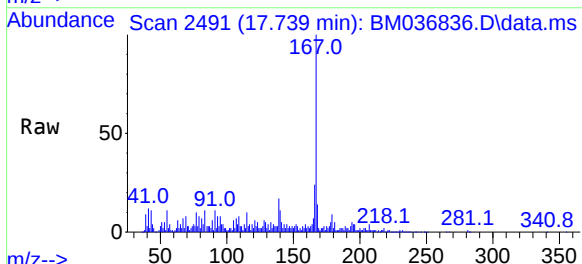
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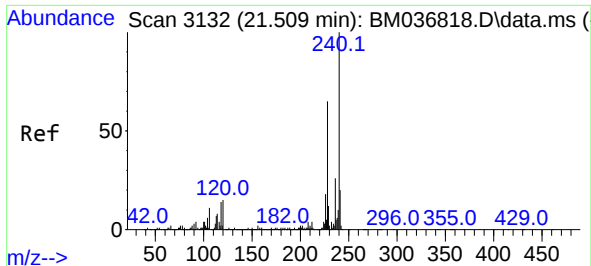
Tgt Ion:188 Resp: 1602092  
Ion Ratio Lower Upper  
188 100  
94 11.0 9.4 14.0  
80 11.7 10.2 15.4



#73  
Carbazole  
Concen: 2.211 ng  
RT: 17.739 min Scan# 2491  
Delta R.T. -0.006 min  
Lab File: BM036836.D  
Acq: 05 Oct 2022 15:33

Tgt Ion:167 Resp: 176517  
Ion Ratio Lower Upper  
167 100  
166 23.9 17.3 25.9  
139 16.5 11.4 17.2

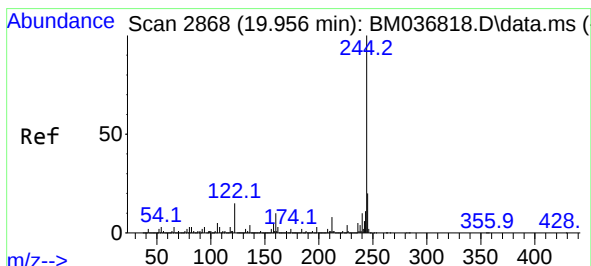
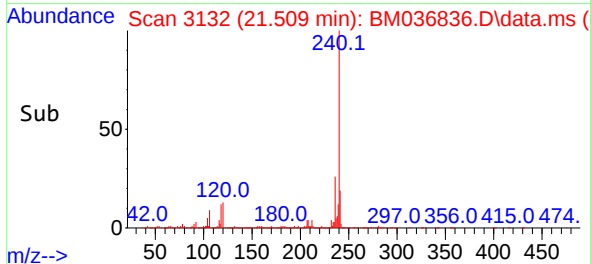
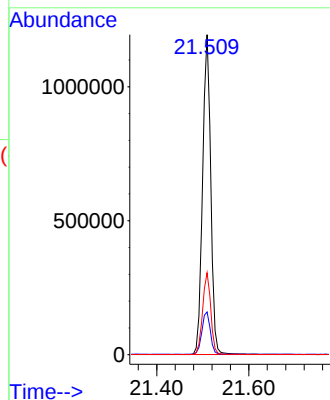
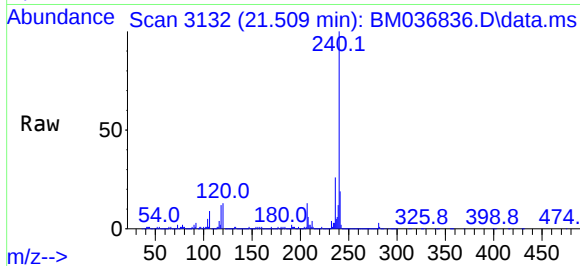




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.509 min Scan# 3132  
Delta R.T. -0.000 min  
Lab File: BM036836.D  
Acq: 05 Oct 2022 15:33

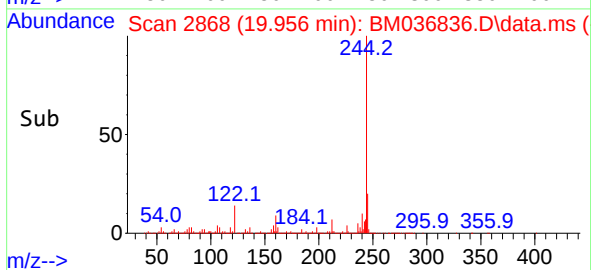
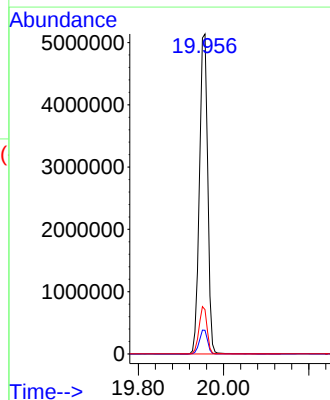
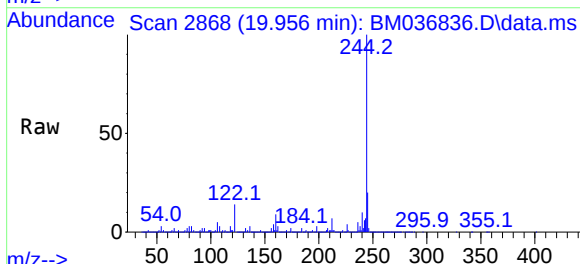
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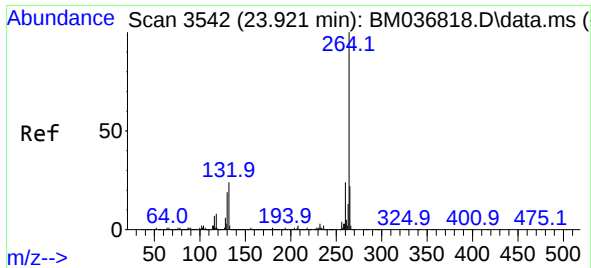
Tgt Ion:240 Resp: 1478792  
Ion Ratio Lower Upper  
240 100  
120 13.4 12.1 18.1  
236 25.6 20.8 31.2



#79  
Terphenyl-d14  
Concen: 92.972 ng  
RT: 19.956 min Scan# 2868  
Delta R.T. -0.000 min  
Lab File: BM036836.D  
Acq: 05 Oct 2022 15:33

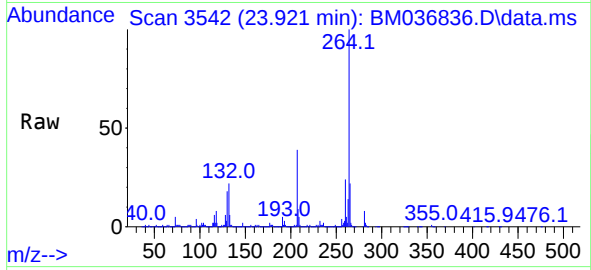
Tgt Ion:244 Resp: 6900493  
Ion Ratio Lower Upper  
244 100  
212 7.4 6.3 9.5  
122 13.9 12.0 18.0





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.921 min Scan# 31  
 Delta R.T. -0.000 min  
 Lab File: BM036836.D  
 Acq: 05 Oct 2022 15:33

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MW-05



Tgt Ion:264 Resp: 1292725

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.9  | 19.3  | 28.9  |
| 265 | 22.1  | 17.9  | 26.9  |

