

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060923\  
 Data File : BM040202.D  
 Acq On : 09 Jun 2023 23:25  
 Operator : MA/JU  
 Sample : PB153261BL  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB153261BL

Quant Time: Jun 10 04:44:53 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   | 7.987  | 152  | 306805   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.798 | 136  | 1326701  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.621 | 164  | 838706   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.368 | 188  | 1949875  | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.545 | 240  | 1758879  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.980 | 264  | 1765410  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.540  | 112  | 2763688  | 134.503 | ng    | 0.00     |
| 7) Phenol-d6                | 7.145  | 99   | 3480787  | 124.147 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.157  | 82   | 1836953  | 74.943  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.110 | 330  | 1740242  | 137.908 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.251 | 172  | 5037572  | 79.387  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.986 | 244  | 9994007  | 104.743 | ng    | 0.00     |

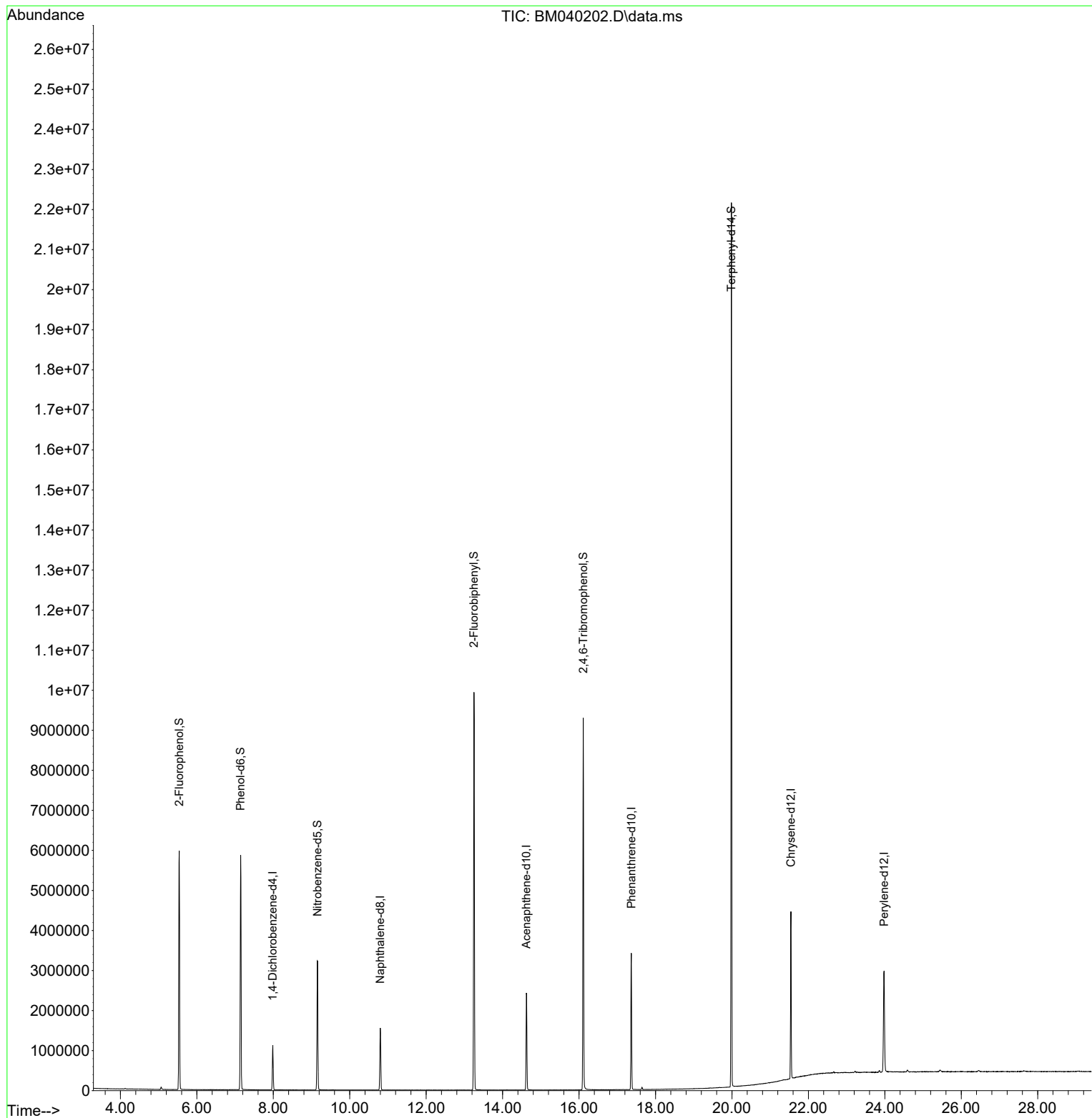
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

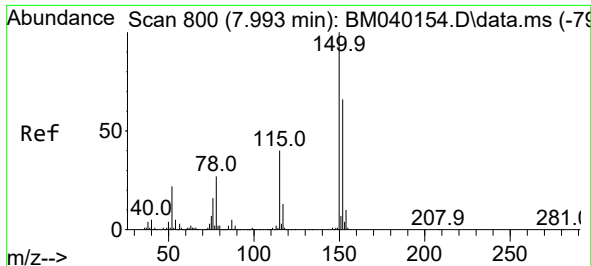
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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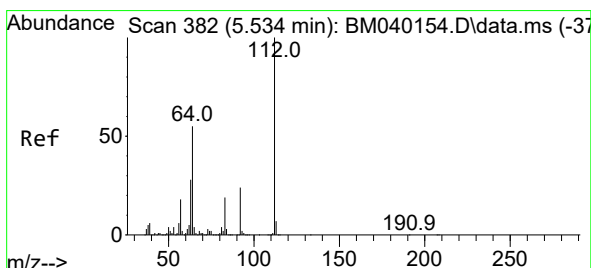
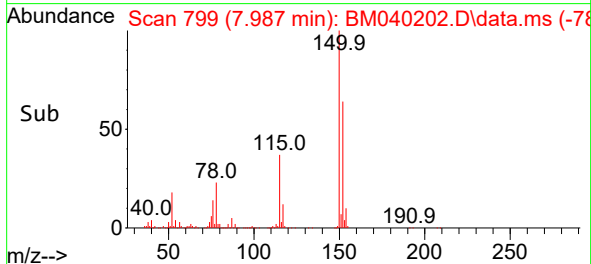
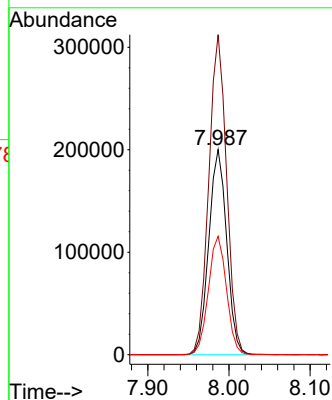
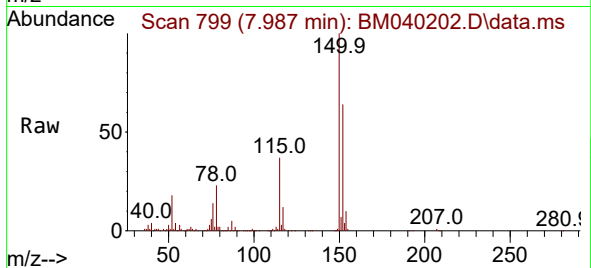




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.987 min Scan# 79  
Delta R.T. -0.006 min  
Lab File: BM040202.D  
Acq: 09 Jun 2023 23:25

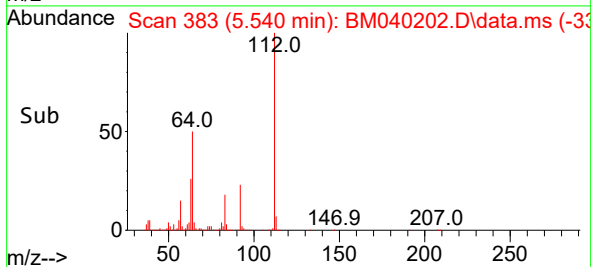
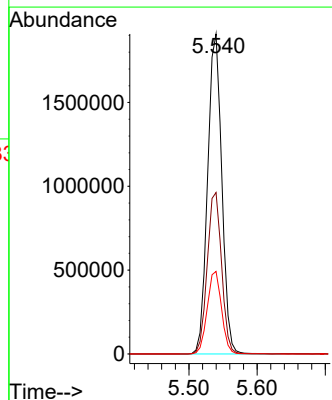
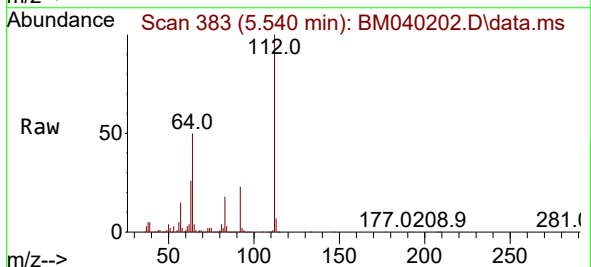
Instrument :  
BNA\_M  
ClientSampleId :  
PB153261BL

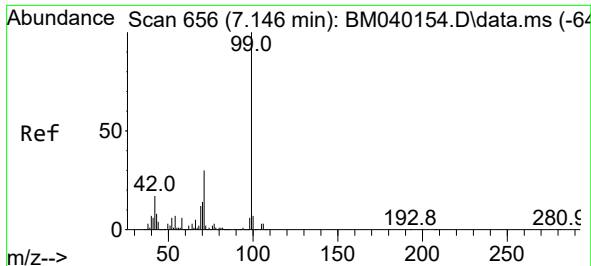
Tgt Ion:152 Resp: 306805  
Ion Ratio Lower Upper  
152 100  
150 156.0 121.4 182.0  
115 57.8 48.2 72.4



#5  
2-Fluorophenol  
Concen: 134.503 ng  
RT: 5.540 min Scan# 383  
Delta R.T. 0.006 min  
Lab File: BM040202.D  
Acq: 09 Jun 2023 23:25

Tgt Ion:112 Resp: 2763688  
Ion Ratio Lower Upper  
112 100  
64 50.5 43.8 65.6  
63 25.8 22.8 34.2



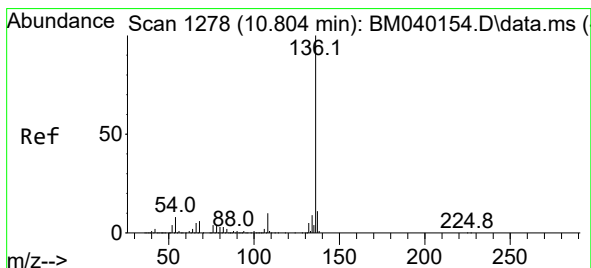
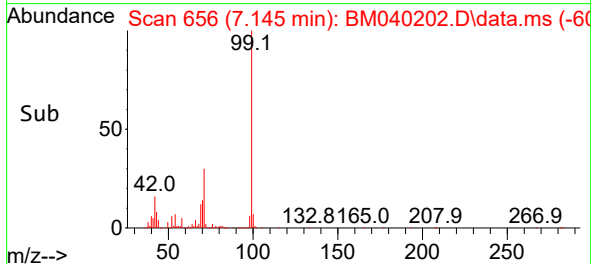
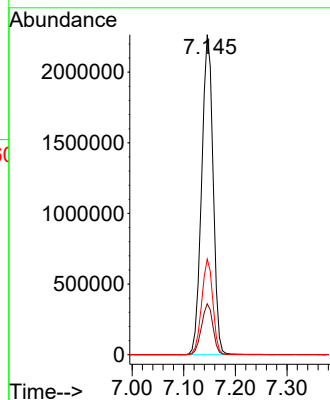
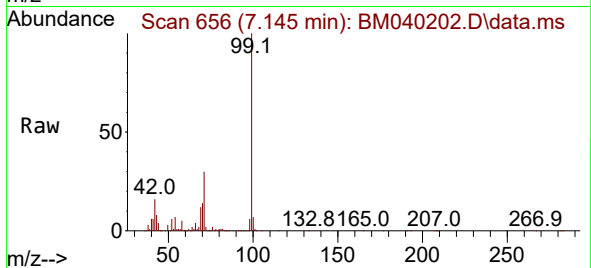


#7  
Phenol-d6  
Concen: 124.147 ng  
RT: 7.145 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM040202.D  
Acq: 09 Jun 2023 23:25

Instrument :  
BNA\_M  
ClientSampleId :  
PB153261BL

Tgt Ion: 99 Resp: 3480787

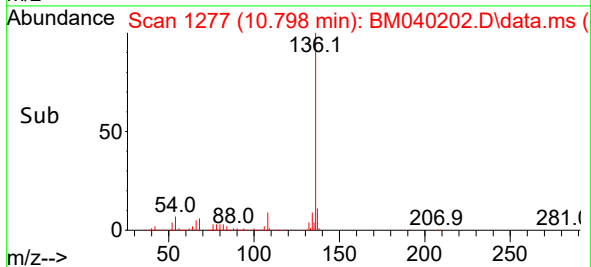
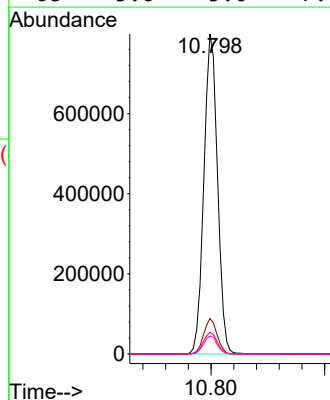
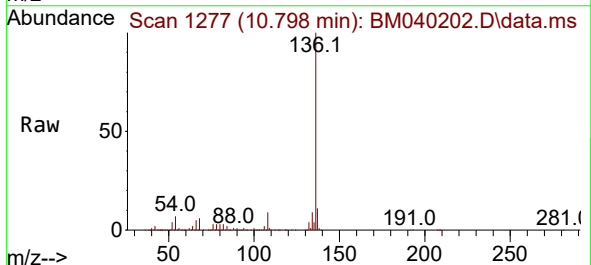
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.9  | 13.4  | 20.2  |
| 71  | 29.9  | 24.3  | 36.5  |

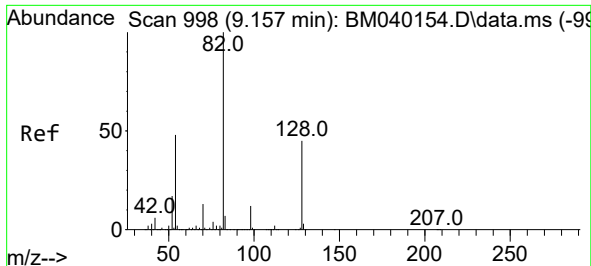


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.798 min Scan# 1277  
Delta R.T. -0.006 min  
Lab File: BM040202.D  
Acq: 09 Jun 2023 23:25

Tgt Ion: 136 Resp: 1326701

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 8.8   | 13.2  |
| 54  | 6.7   | 6.2   | 9.4   |
| 68  | 5.6   | 5.0   | 7.4   |





#23

Nitrobenzene-d5

Concen: 74.943 ng

RT: 9.157 min Scan# 998

Delta R.T. -0.000 min

Lab File: BM040202.D

Acq: 09 Jun 2023 23:25

Instrument :

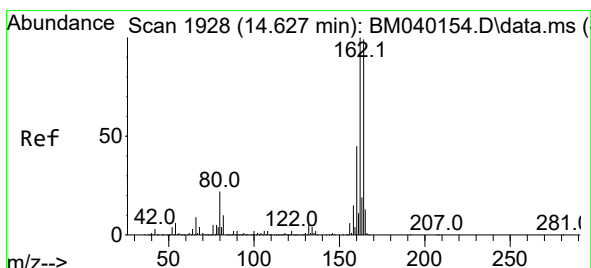
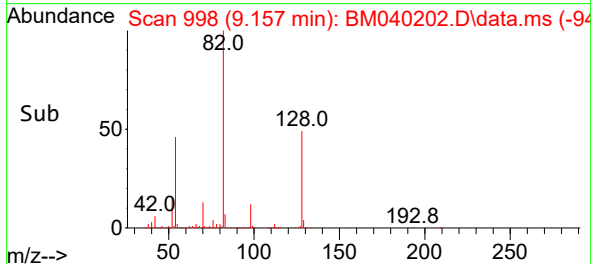
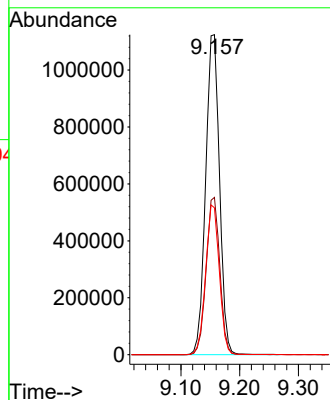
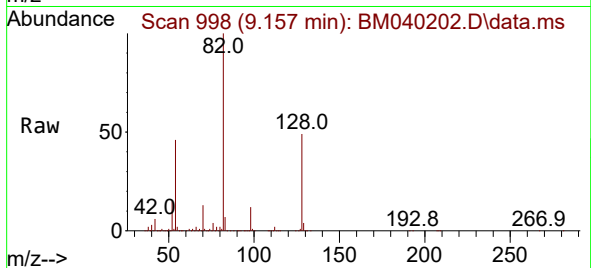
BNA\_M

ClientSampleId :

PB153261BL

Tgt Ion: 82 Resp: 1836953

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 49.2  | 36.0  | 54.0  |
| 54  | 45.9  | 38.5  | 57.7  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.621 min Scan# 1927

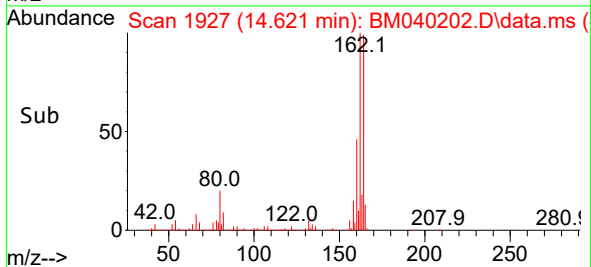
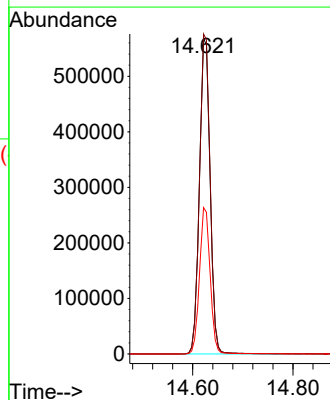
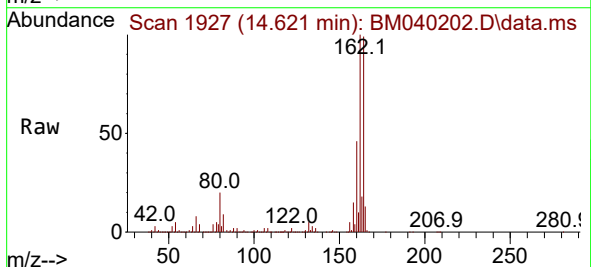
Delta R.T. -0.006 min

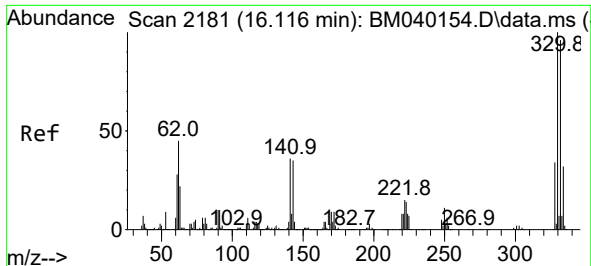
Lab File: BM040202.D

Acq: 09 Jun 2023 23:25

Tgt Ion: 164 Resp: 838706

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 101.5 | 80.4  | 120.6 |
| 160 | 46.4  | 35.9  | 53.9  |

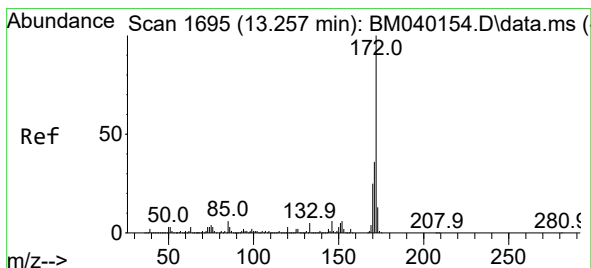
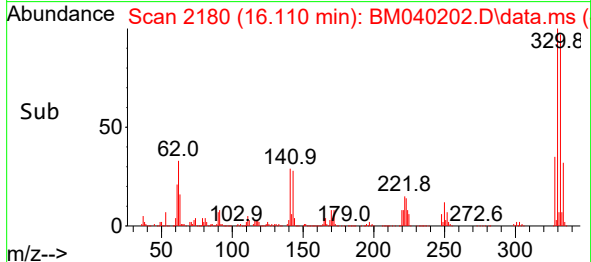
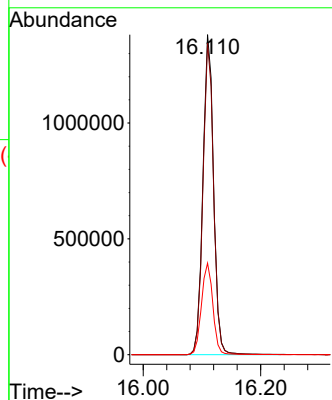
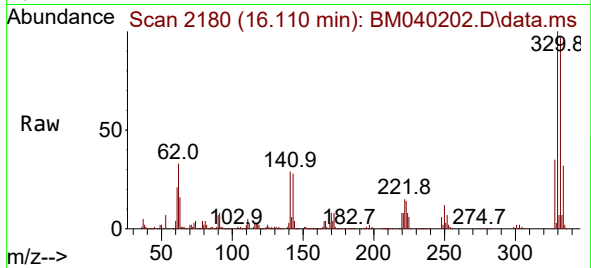




#42  
2,4,6-Tribromophenol  
Concen: 137.908 ng  
RT: 16.110 min Scan# 2181  
Delta R.T. -0.006 min  
Lab File: BM040202.D  
Acq: 09 Jun 2023 23:25

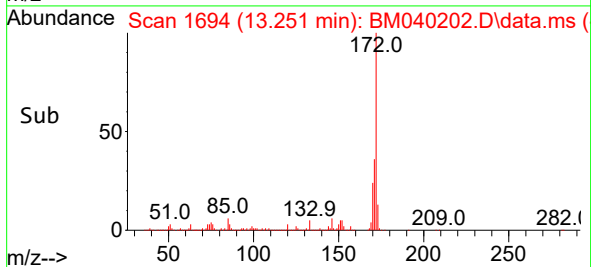
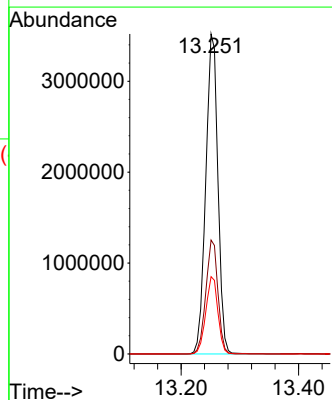
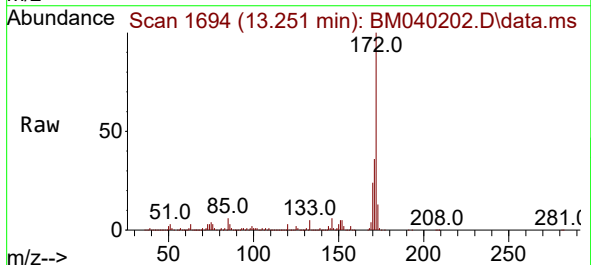
Instrument :  
BNA\_M  
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PB153261BL

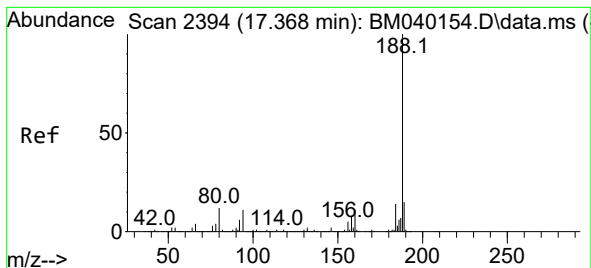
Tgt Ion:330 Resp: 1740242  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.1 115.7  
141 30.6 31.6 47.4#



#45  
2-Fluorobiphenyl  
Concen: 79.387 ng  
RT: 13.251 min Scan# 1694  
Delta R.T. -0.006 min  
Lab File: BM040202.D  
Acq: 09 Jun 2023 23:25

Tgt Ion:172 Resp: 5037572  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.8 43.2  
170 24.1 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.368 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040202.D

Acq: 09 Jun 2023 23:25

Instrument :

BNA\_M

ClientSampleId :

PB153261BL

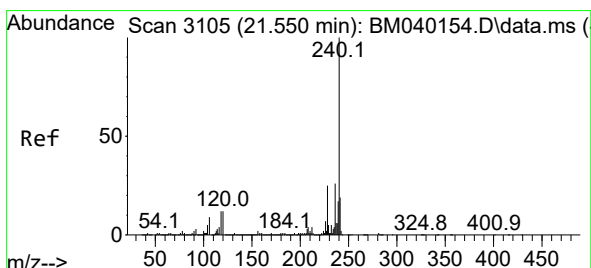
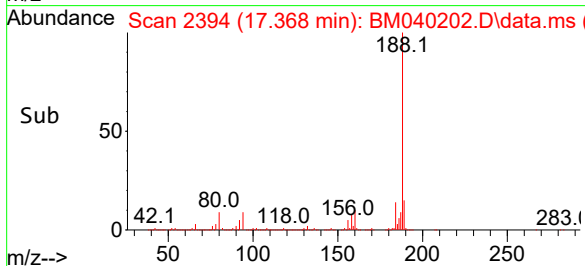
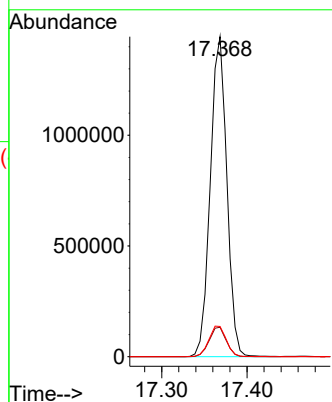
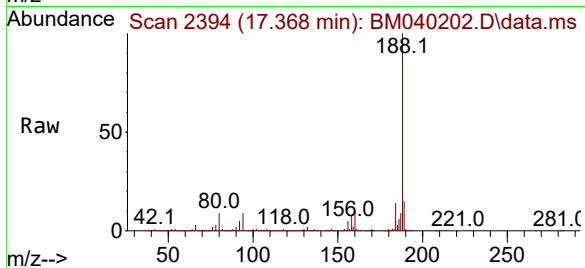
Tgt Ion:188 Resp: 1949875

Ion Ratio Lower Upper

188 100

94 9.2 8.9 13.3

80 9.5 9.6 14.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.545 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BM040202.D

Acq: 09 Jun 2023 23:25

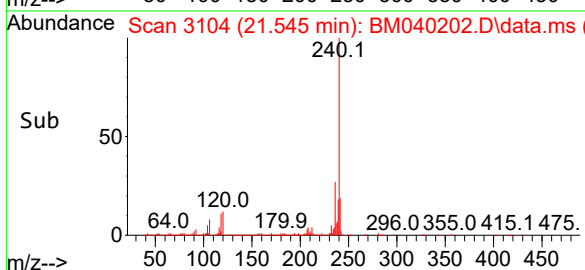
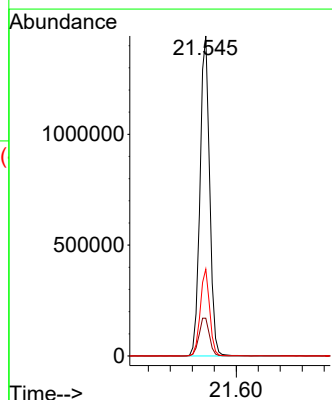
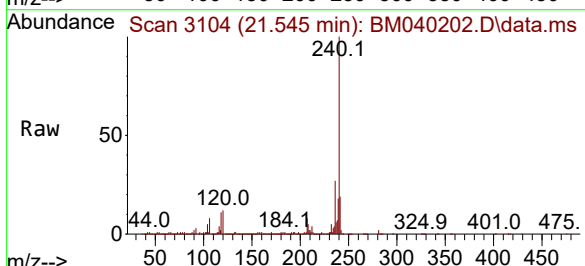
Tgt Ion:240 Resp: 1758879

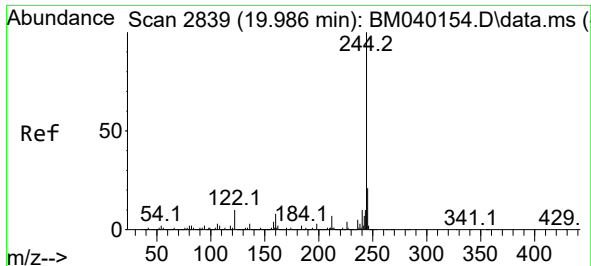
Ion Ratio Lower Upper

240 100

120 11.8 9.9 14.9

236 27.2 21.1 31.7

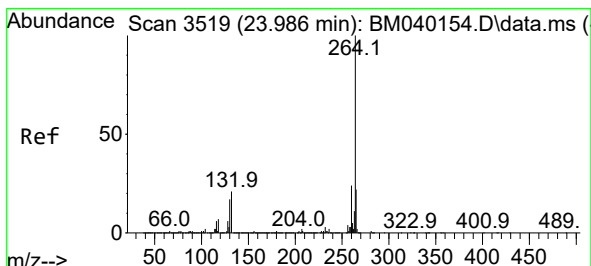
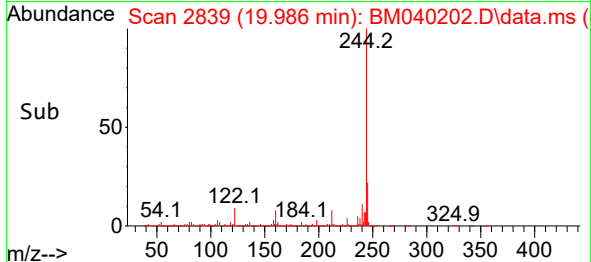
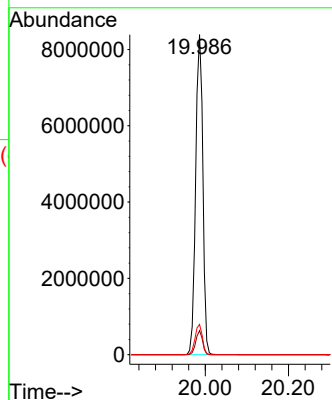
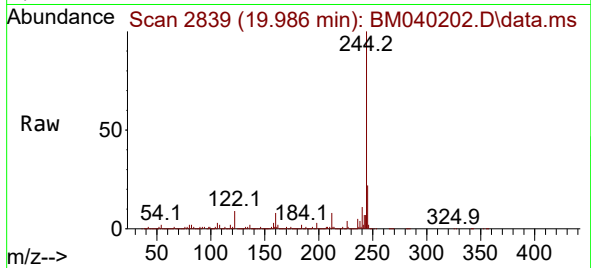




#79  
 Terphenyl-d14  
 Concen: 104.743 ng  
 RT: 19.986 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BM040202.D  
 Acq: 09 Jun 2023 23:25

Instrument :  
 BNA\_M  
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 PB153261BL

Tgt Ion:244 Resp: 9994007  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 5.7 8.5  
 122 9.5 7.9 11.9



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.980 min Scan# 3518  
 Delta R.T. -0.006 min  
 Lab File: BM040202.D  
 Acq: 09 Jun 2023 23:25

Tgt Ion:264 Resp: 1765410  
 Ion Ratio Lower Upper  
 264 100  
 260 24.6 19.1 28.7  
 265 21.9 17.7 26.5

