

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060923\  
 Data File : BM040210.D  
 Acq On : 10 Jun 2023 04:17  
 Operator : MA/JU  
 Sample : 03092-04  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-2

Quant Time: Jun 10 05:40:36 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

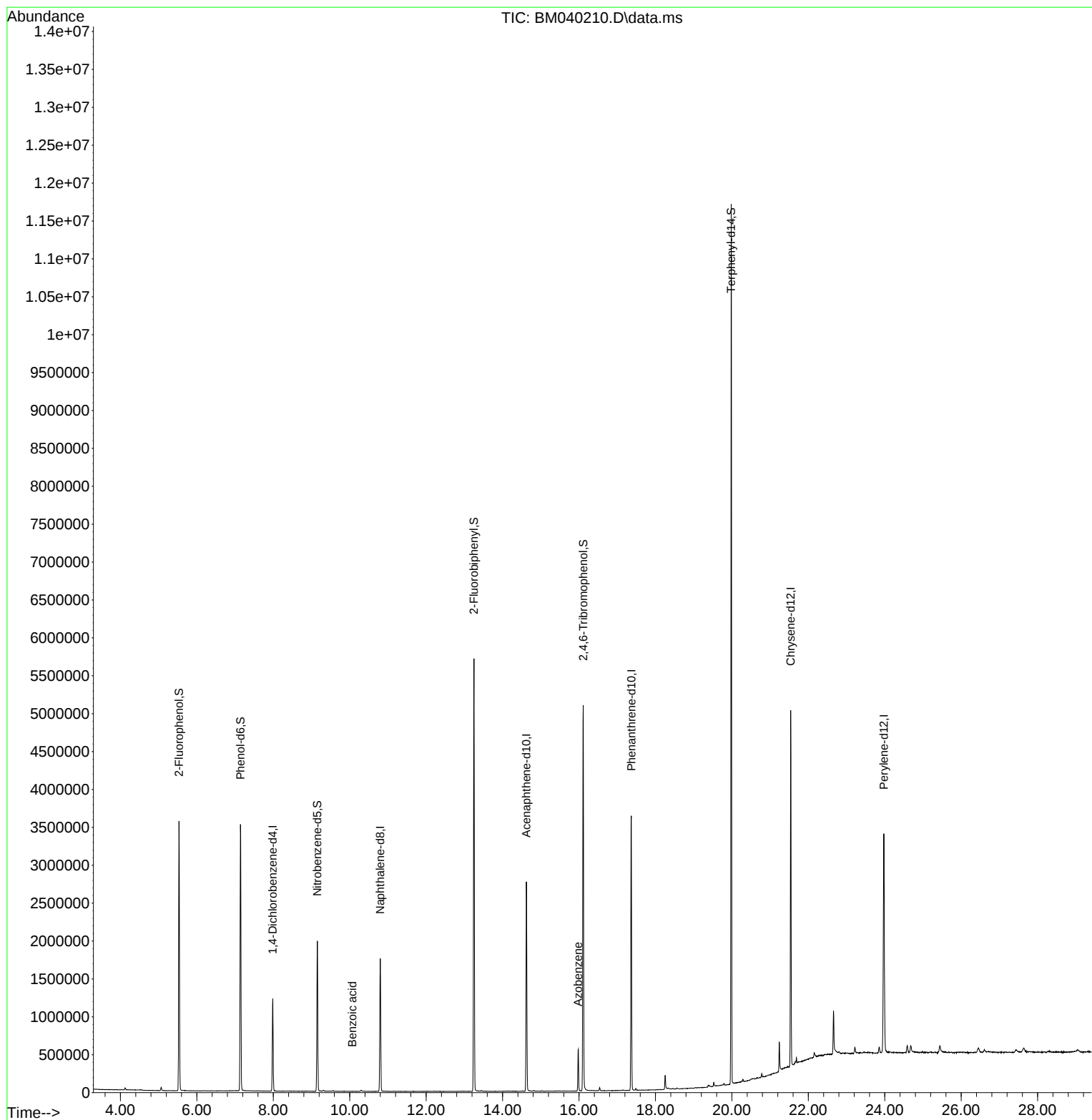
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.987  | 152  | 338424   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.798 | 136  | 1481676  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.621 | 164  | 937351   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.368 | 188  | 2134943  | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.539 | 240  | 1930849  | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 23.974 | 264  | 2011439  | 20.000 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.534  | 112  | 1627722  | 71.816 | ng    | 0.00     |
| 7) Phenol-d6                | 7.140  | 99   | 2099976  | 67.901 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.151  | 82   | 1110860  | 40.580 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.110 | 330  | 1003623  | 71.164 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.251 | 172  | 2843539  | 40.095 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.980 | 244  | 5095210  | 48.645 | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
| 32) Benzoic acid            | 10.069 | 122  | 208      | 7.533  | ng    | # 17     |
| 63) Azobenzene              | 15.974 | 77   | 152625   | 2.116  | ng    | # 1      |
| -----                       |        |      |          |        |       |          |

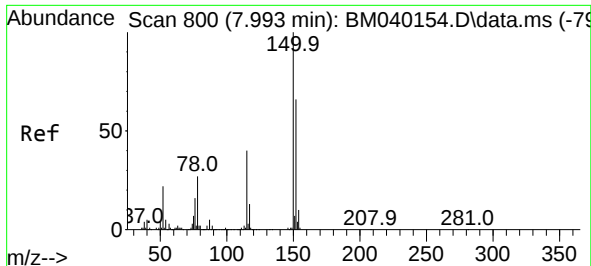
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060923\  
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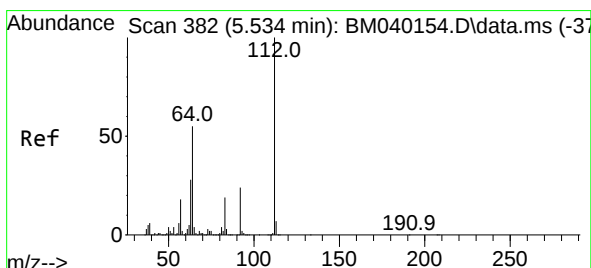
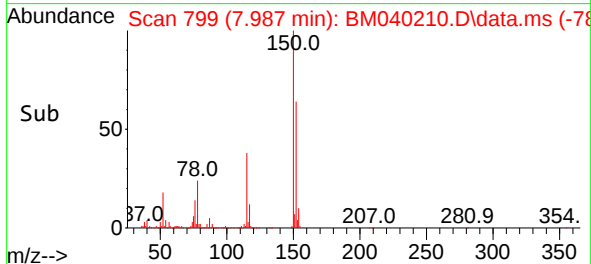
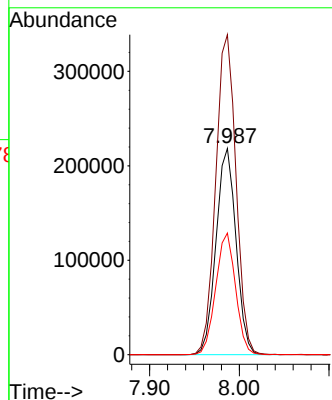
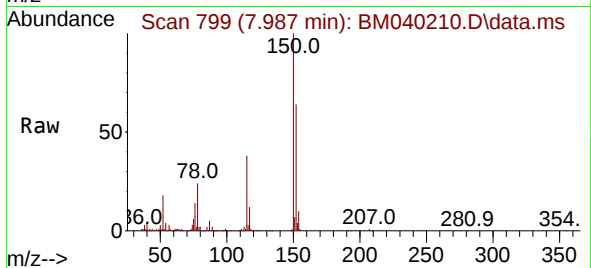




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.987 min Scan# 799  
 Delta R.T. -0.006 min  
 Lab File: BM040210.D  
 Acq: 10 Jun 2023 04:17

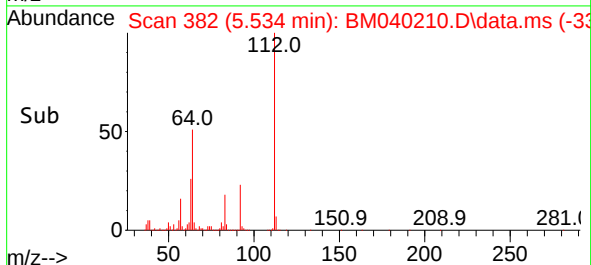
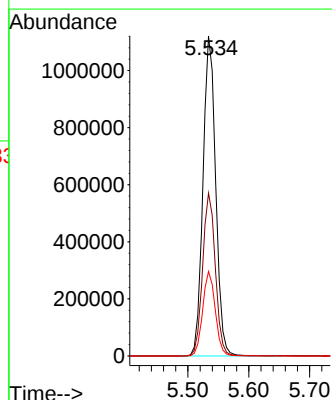
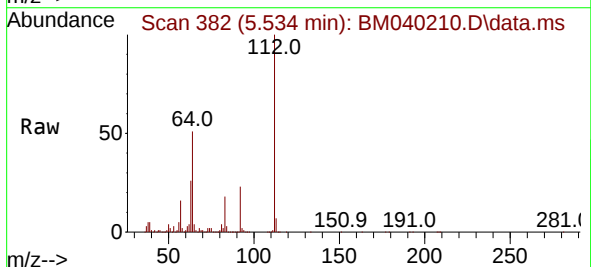
Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-2

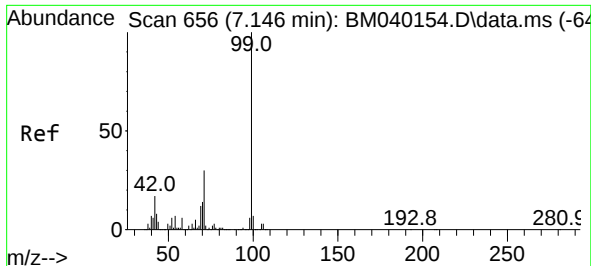
Tgt Ion:152 Resp: 338424  
 Ion Ratio Lower Upper  
 152 100  
 150 155.1 121.4 182.0  
 115 58.9 48.2 72.4



#5  
 2-Fluorophenol  
 Concen: 71.816 ng  
 RT: 5.534 min Scan# 382  
 Delta R.T. 0.000 min  
 Lab File: BM040210.D  
 Acq: 10 Jun 2023 04:17

Tgt Ion:112 Resp: 1627722  
 Ion Ratio Lower Upper  
 112 100  
 64 50.9 43.8 65.6  
 63 26.4 22.8 34.2



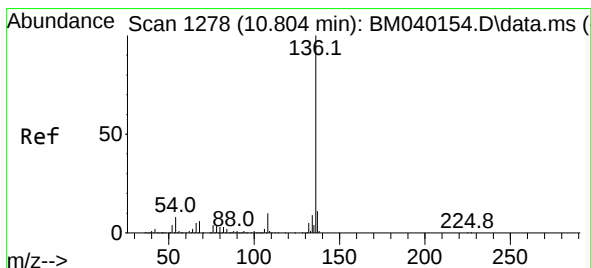
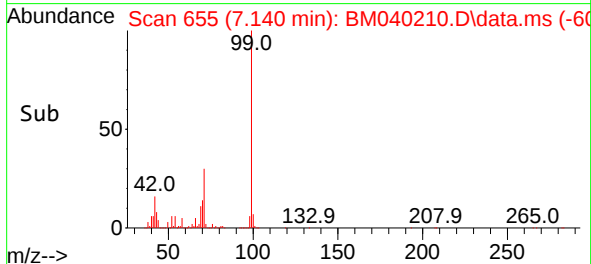
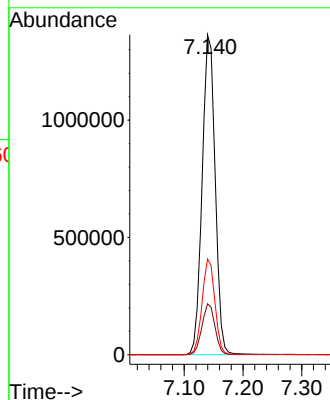
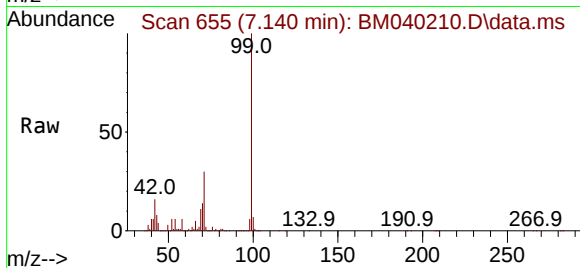


#7  
Phenol-d6  
Concen: 67.901 ng  
RT: 7.140 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM040210.D  
Acq: 10 Jun 2023 04:17

Instrument :  
BNA\_M  
ClientSampleId :  
TP-2

Tgt Ion: 99 Resp: 2099976

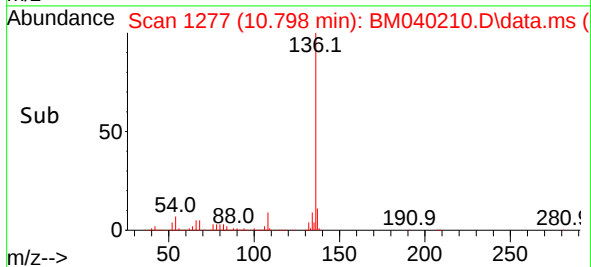
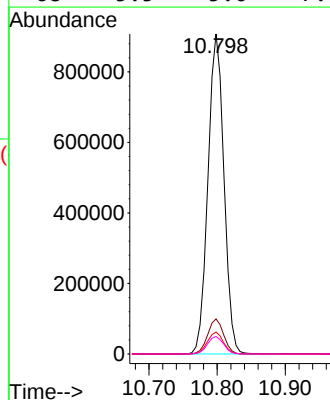
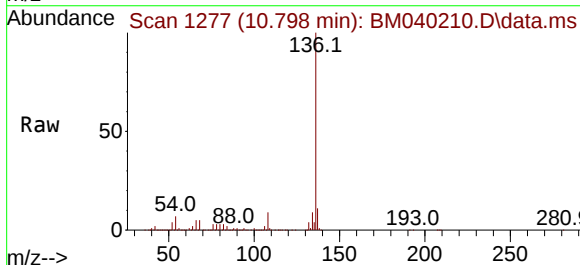
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.9  | 13.4  | 20.2  |
| 71  | 29.9  | 24.3  | 36.5  |

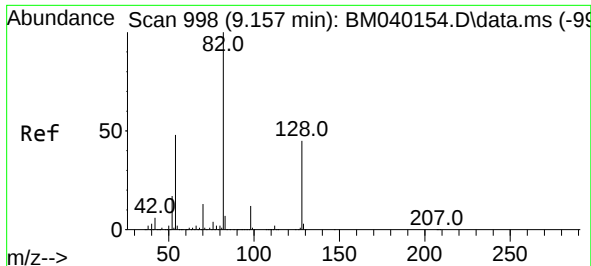


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.798 min Scan# 1277  
Delta R.T. -0.006 min  
Lab File: BM040210.D  
Acq: 10 Jun 2023 04:17

Tgt Ion: 136 Resp: 1481676

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.8   | 13.2  |
| 54  | 6.8   | 6.2   | 9.4   |
| 68  | 5.5   | 5.0   | 7.4   |

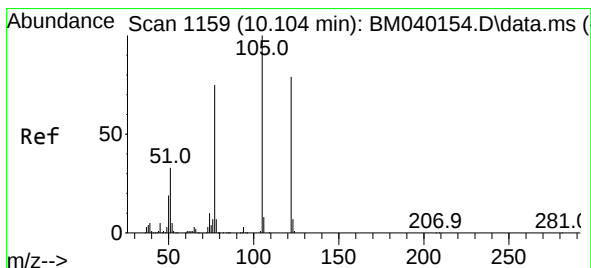
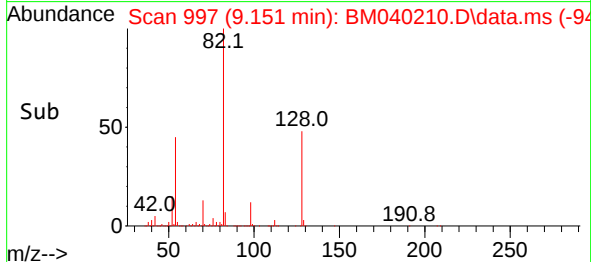
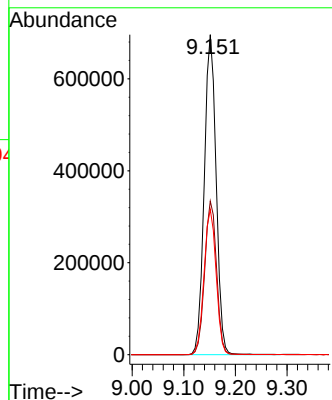
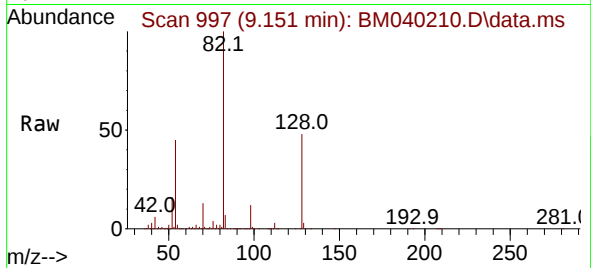




#23  
Nitrobenzene-d5  
Concen: 40.580 ng  
RT: 9.151 min Scan# 998  
Delta R.T. -0.006 min  
Lab File: BM040210.D  
Acq: 10 Jun 2023 04:17

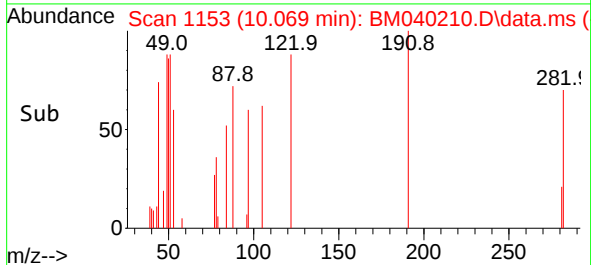
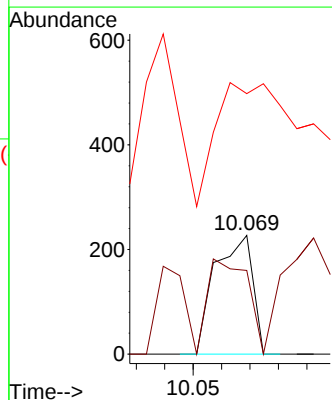
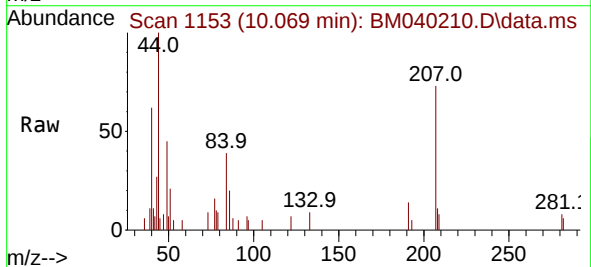
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BNA\_M  
ClientSampleId :  
TP-2

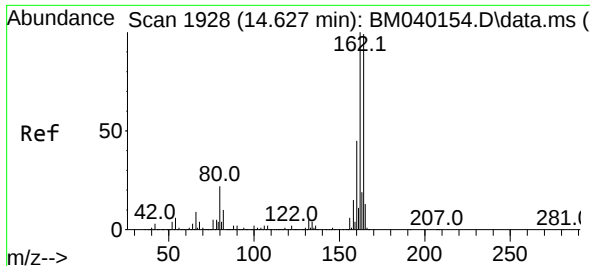
Tgt Ion: 82 Resp: 1110860  
Ion Ratio Lower Upper  
82 100  
128 48.0 36.0 54.0  
54 45.3 38.5 57.7



#32  
Benzoic acid  
Concen: 7.533 ng  
RT: 10.069 min Scan# 1153  
Delta R.T. -0.035 min  
Lab File: BM040210.D  
Acq: 10 Jun 2023 04:17

Tgt Ion: 122 Resp: 208  
Ion Ratio Lower Upper  
122 100  
105 70.5 102.7 142.7#  
77 219.4 73.9 113.9#

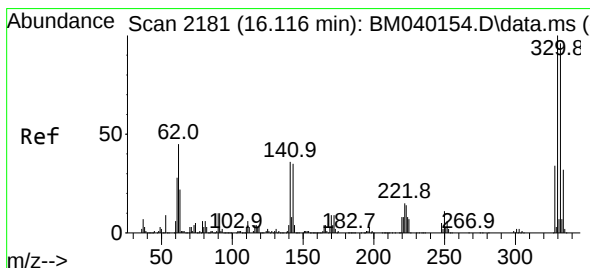
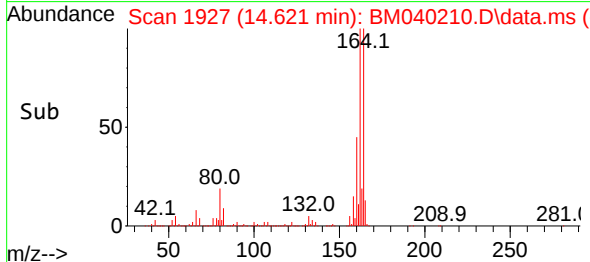
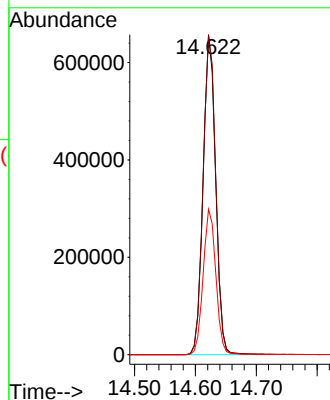
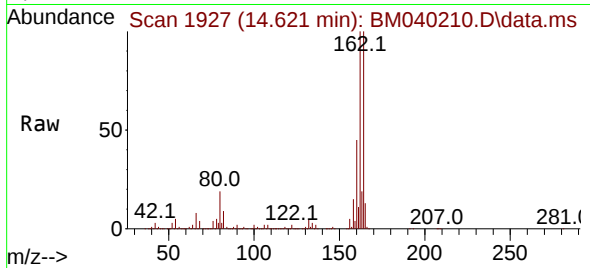




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.621 min Scan# 1927  
Delta R.T. -0.006 min  
Lab File: BM040210.D  
Acq: 10 Jun 2023 04:17

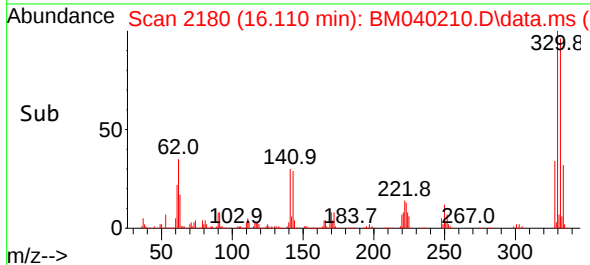
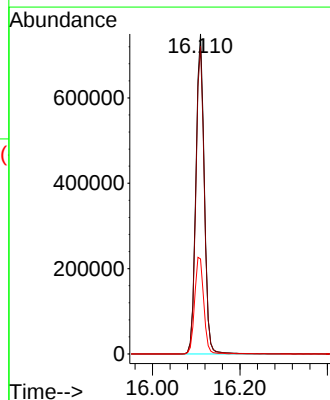
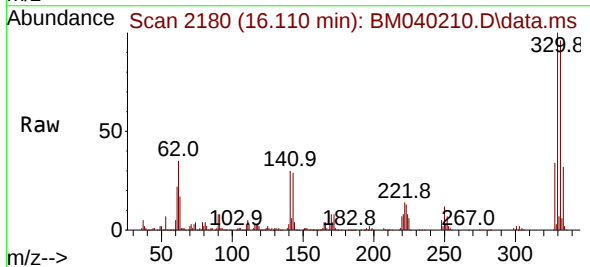
Instrument :  
BNA\_M  
ClientSampleId :  
TP-2

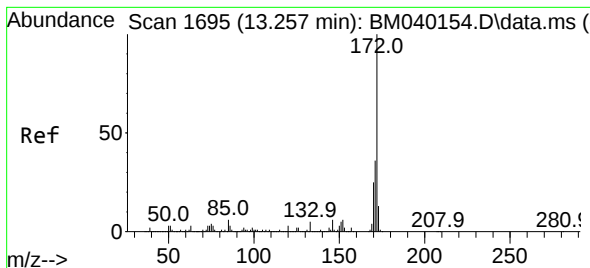
Tgt Ion:164 Resp: 937351  
Ion Ratio Lower Upper  
164 100  
162 100.1 80.4 120.6  
160 45.5 35.9 53.9



#42  
2,4,6-Tribromophenol  
Concen: 71.164 ng  
RT: 16.110 min Scan# 2180  
Delta R.T. -0.006 min  
Lab File: BM040210.D  
Acq: 10 Jun 2023 04:17

Tgt Ion:330 Resp: 1003623  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.1 115.7  
141 32.8 31.6 47.4

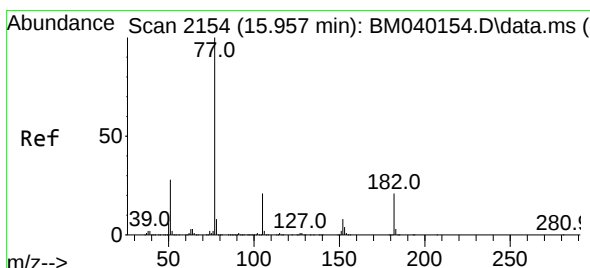
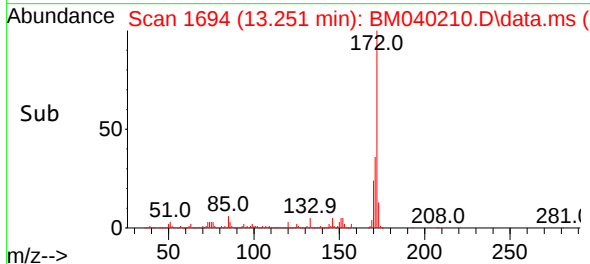
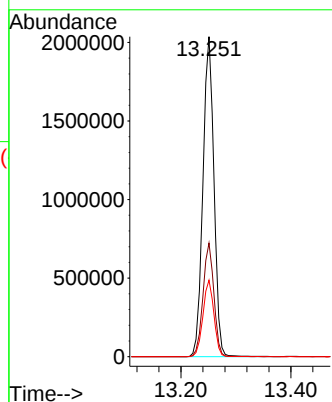
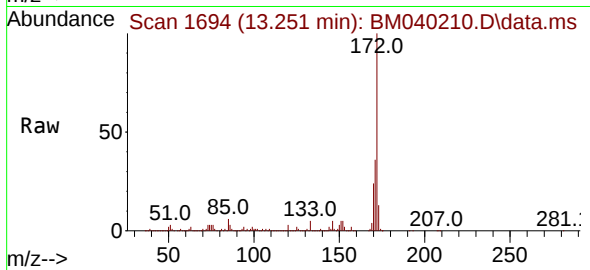




#45  
2-Fluorobiphenyl  
Concen: 40.095 ng  
RT: 13.251 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM040210.D  
Acq: 10 Jun 2023 04:17

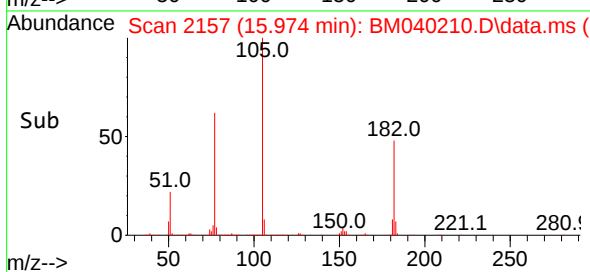
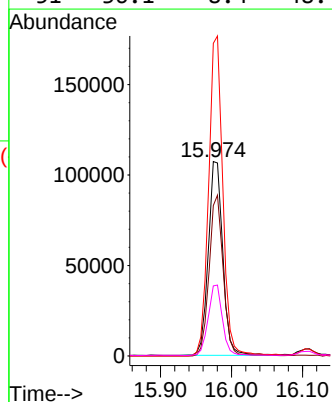
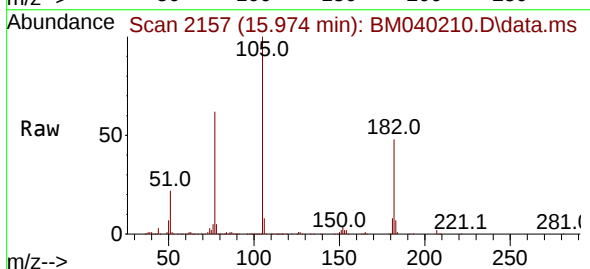
Instrument :  
BNA\_M  
ClientSampleId :  
TP-2

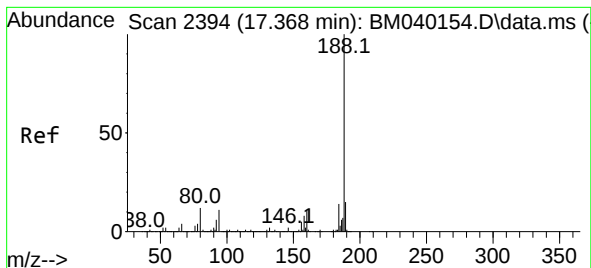
Tgt Ion:172 Resp: 2843539  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.8 43.2  
170 23.9 19.8 29.6



#63  
Azobenzene  
Concen: 2.116 ng  
RT: 15.974 min Scan# 2157  
Delta R.T. 0.018 min  
Lab File: BM040210.D  
Acq: 10 Jun 2023 04:17

Tgt Ion: 77 Resp: 152625  
Ion Ratio Lower Upper  
77 100  
182 77.4 1.1 41.1#  
105 160.9 1.1 41.1#  
51 36.1 8.4 48.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.368 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040210.D

Acq: 10 Jun 2023 04:17

Instrument :

BNA\_M

ClientSampleId :

TP-2

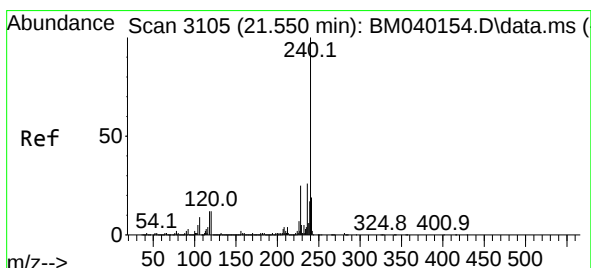
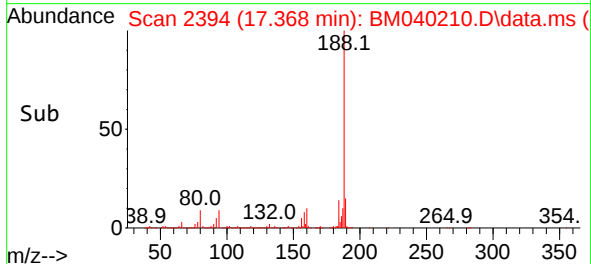
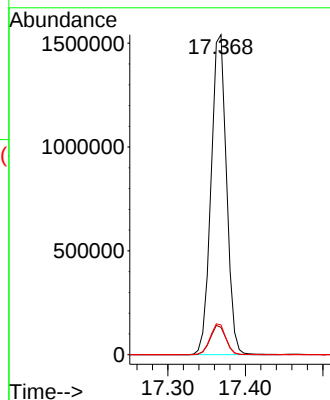
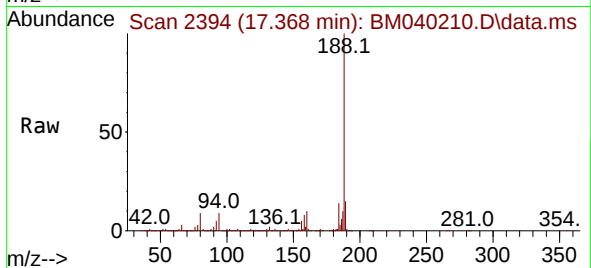
Tgt Ion:188 Resp: 2134943

Ion Ratio Lower Upper

188 100

94 8.6 8.9 13.3#

80 9.3 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: BM040210.D

Acq: 10 Jun 2023 04:17

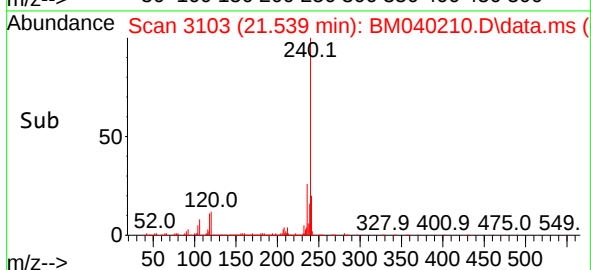
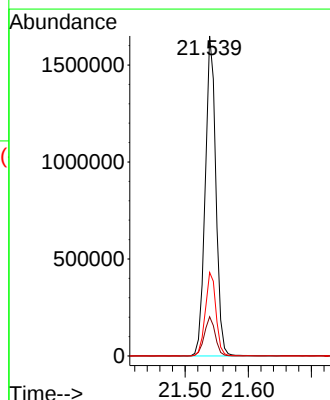
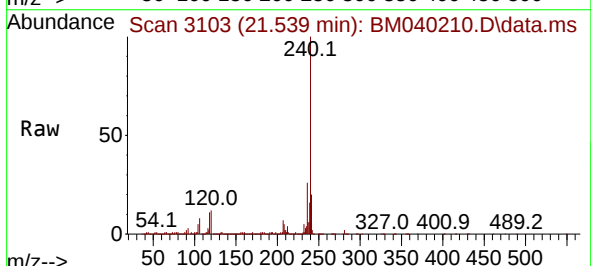
Tgt Ion:240 Resp: 1930849

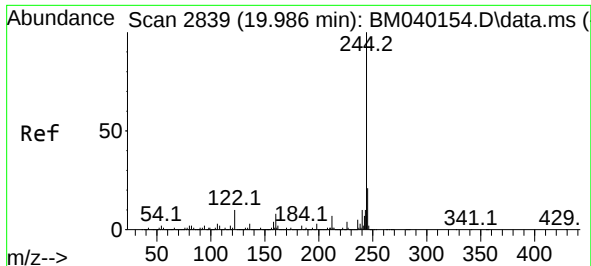
Ion Ratio Lower Upper

240 100

120 12.3 9.9 14.9

236 26.1 21.1 31.7

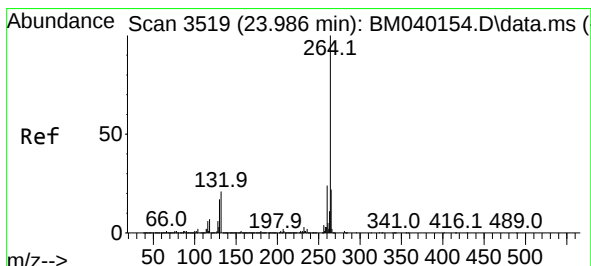
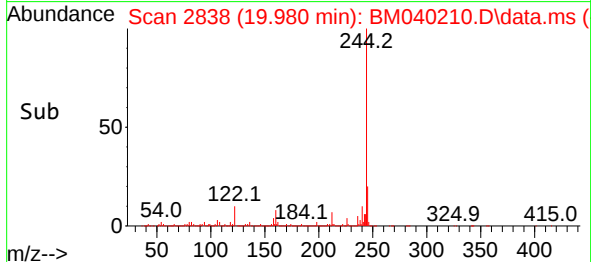
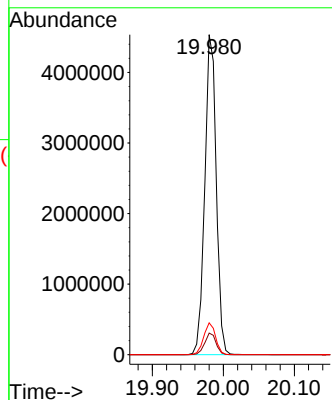
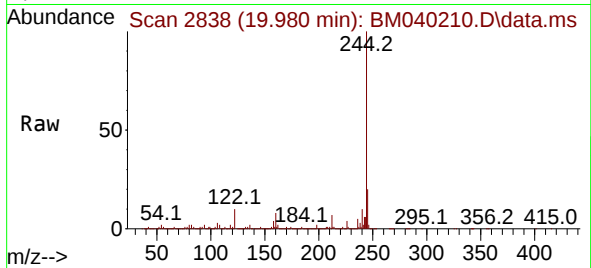




#79  
 Terphenyl-d14  
 Concen: 48.645 ng  
 RT: 19.980 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM040210.D  
 Acq: 10 Jun 2023 04:17

Instrument :  
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Tgt Ion:244 Resp: 5095210  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.7 8.5  
 122 10.0 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: BM040210.D  
 Acq: 10 Jun 2023 04:17

Tgt Ion:264 Resp: 2011439  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 19.1 28.7  
 265 21.6 17.7 26.5

