

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041323\  
 Data File : BM039418.D  
 Acq On : 13 Apr 2023 19:33  
 Operator : CG/JU  
 Sample : 02292-08  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 IDW-SO-G2-041123

Quant Time: Apr 14 05:16:40 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 11 16:05:42 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.857  | 152  | 171888   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.663 | 136  | 652956   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.510 | 164  | 386596   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.262 | 188  | 822567   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.450 | 240  | 837884   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 23.833 | 264  | 945171   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.434  | 112  | 1380633  | 121.013 | ng    | 0.01     |
| 7) Phenol-d6                | 7.057  | 99   | 1540965  | 104.425 | ng    | 0.02     |
| 23) Nitrobenzene-d5         | 9.028  | 82   | 1180381  | 87.861  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.010 | 330  | 662724   | 135.044 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.133 | 172  | 2453272  | 85.980  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.892 | 244  | 4349442  | 95.906  | ng    | 0.00     |

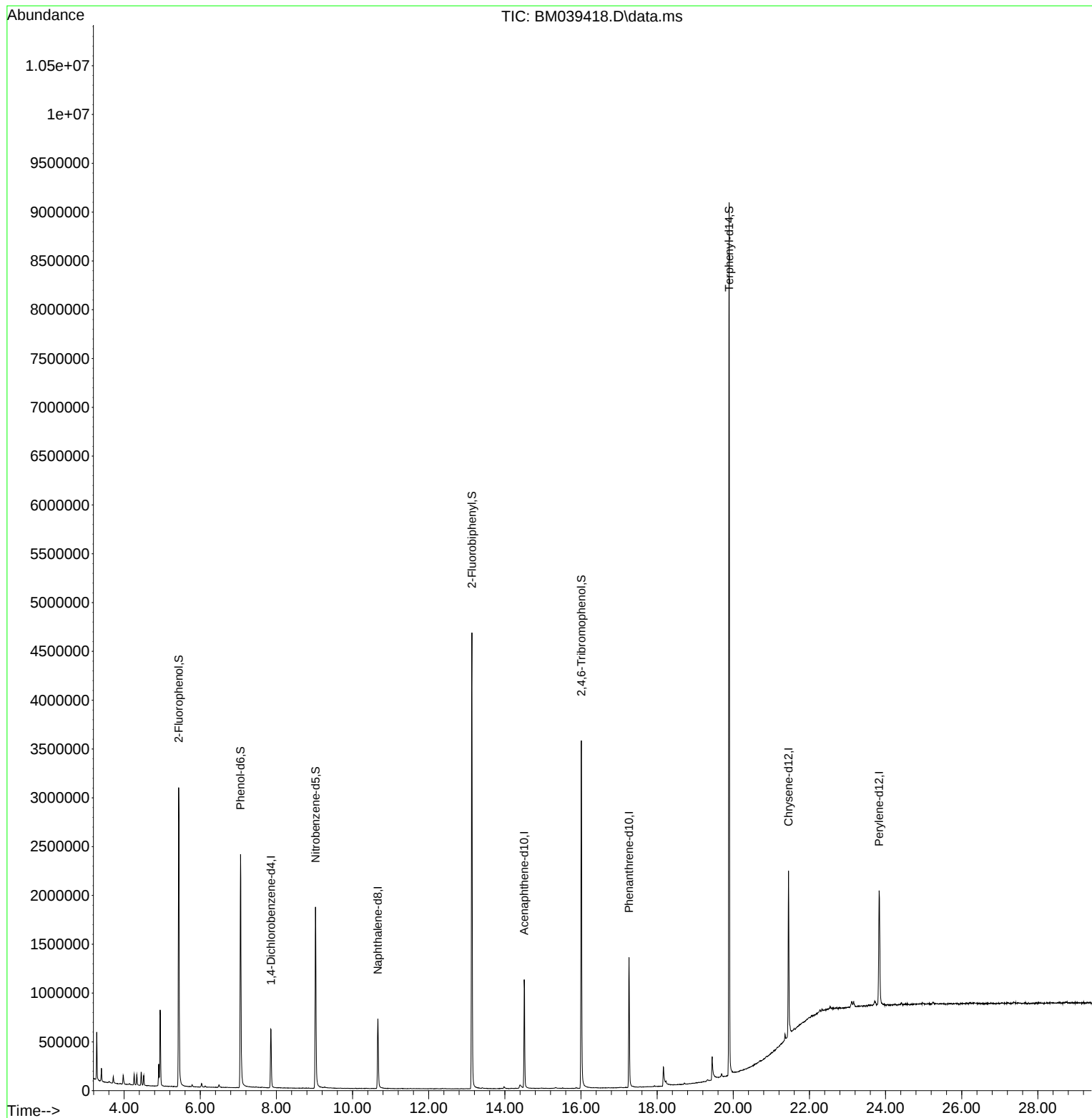
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

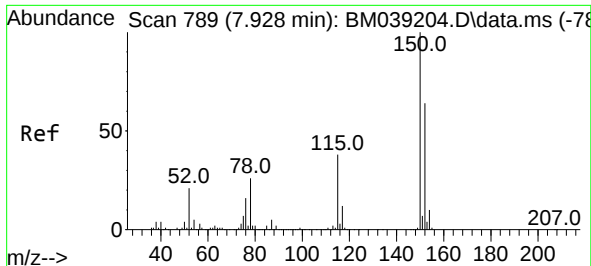
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041323\  
Data File : BM039418.D  
Acq On : 13 Apr 2023 19:33  
Operator : CG/JU  
Sample : 02292-08  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
IDW-SO-G2-041123

Quant Time: Apr 14 05:16:40 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Apr 11 16:05:42 2023  
Response via : Initial Calibration

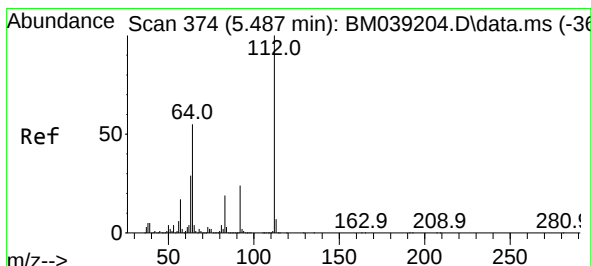
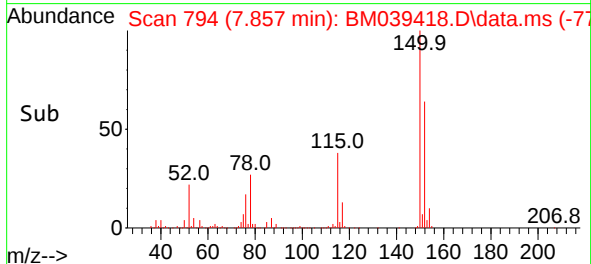
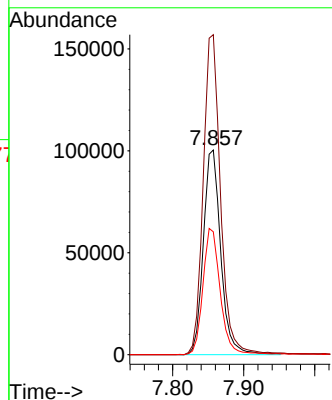
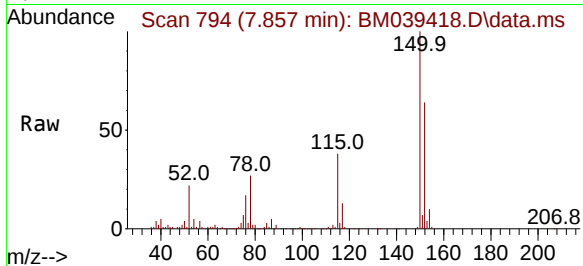




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.857 min Scan# 794  
Delta R.T. -0.006 min  
Lab File: BM039418.D  
Acq: 13 Apr 2023 19:33

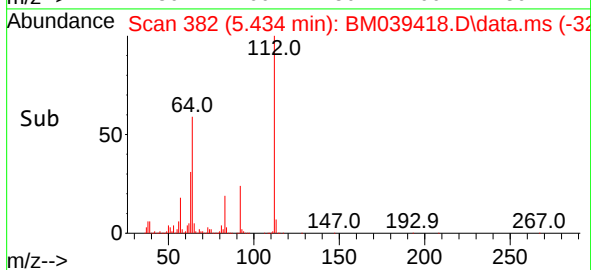
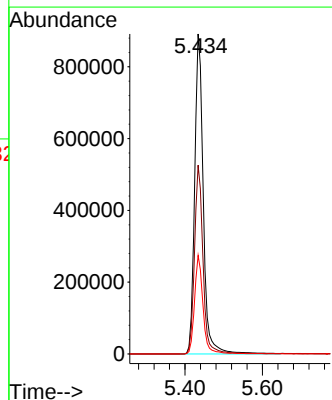
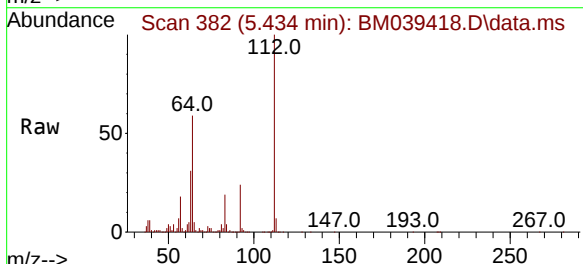
Instrument :  
BNA\_M  
ClientSampleId :  
IDW-SO-G2-041123

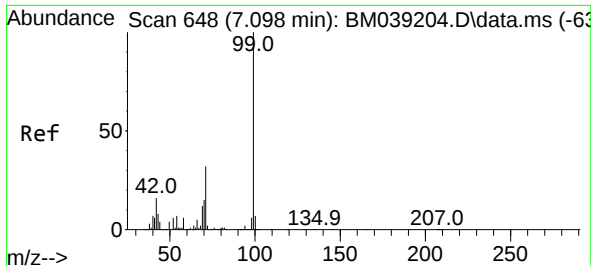
Tgt Ion:152 Resp: 171888  
Ion Ratio Lower Upper  
152 100  
150 156.4 125.5 188.3  
115 60.1 48.1 72.1



#5  
2-Fluorophenol  
Concen: 121.013 ng  
RT: 5.434 min Scan# 382  
Delta R.T. 0.012 min  
Lab File: BM039418.D  
Acq: 13 Apr 2023 19:33

Tgt Ion:112 Resp: 1380633  
Ion Ratio Lower Upper  
112 100  
64 59.0 44.3 66.5  
63 30.8 23.0 34.6

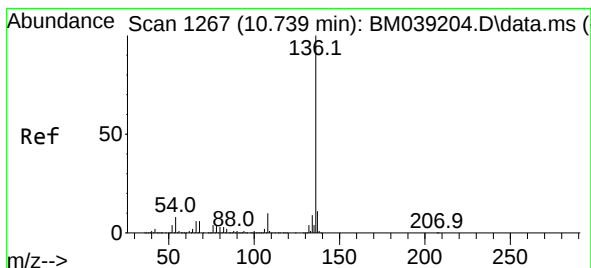
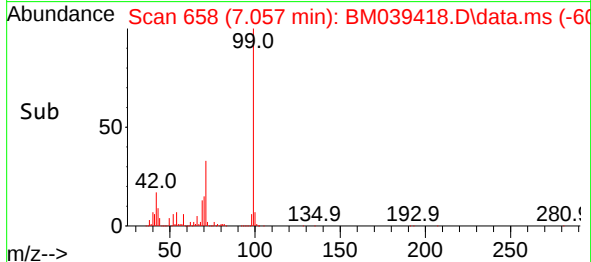
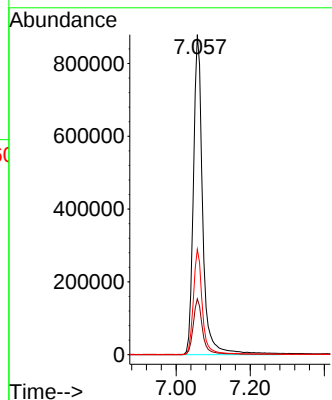
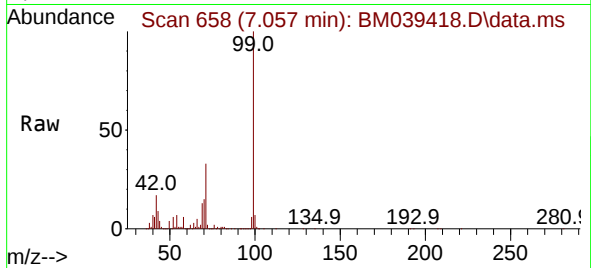




#7  
Phenol-d6  
Concen: 104.425 ng  
RT: 7.057 min Scan# 61  
Delta R.T. 0.024 min  
Lab File: BM039418.D  
Acq: 13 Apr 2023 19:33

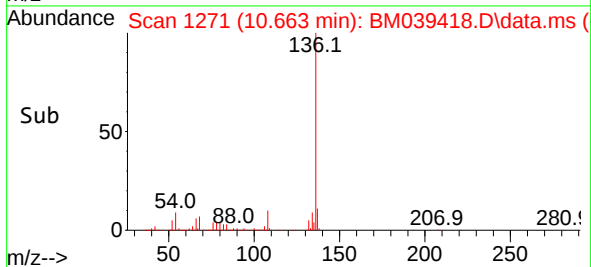
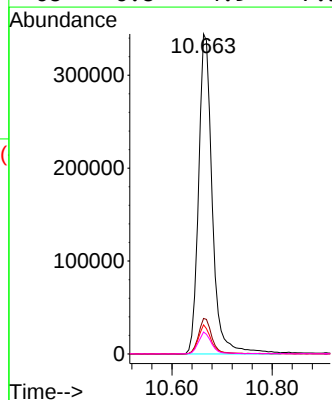
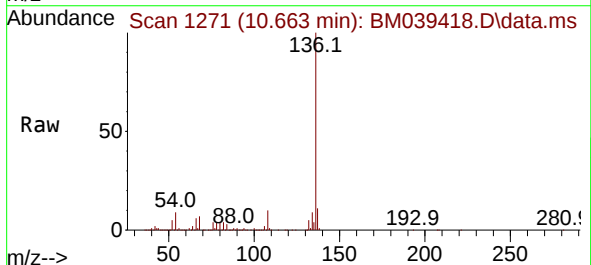
Instrument :  
BNA\_M  
ClientSampleId :  
IDW-SO-G2-041123

Tgt Ion: 99 Resp: 1540965  
Ion Ratio Lower Upper  
99 100  
42 17.5 13.0 19.6  
71 32.9 25.5 38.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.663 min Scan# 1271  
Delta R.T. -0.012 min  
Lab File: BM039418.D  
Acq: 13 Apr 2023 19:33

Tgt Ion: 136 Resp: 652956  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.9 13.3  
54 9.1 6.2 9.4  
68 6.8 4.9 7.3

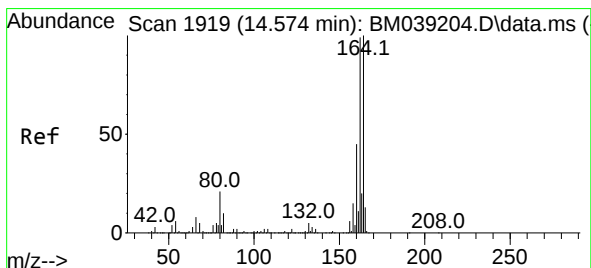
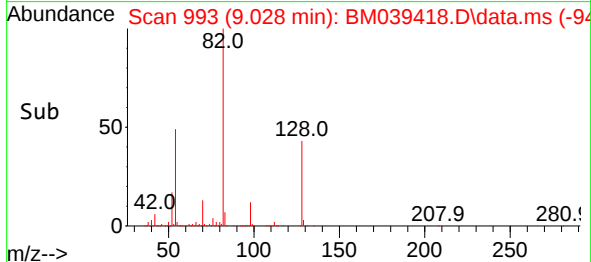
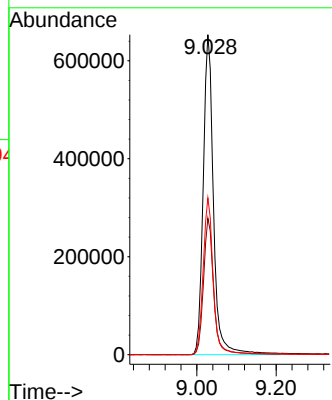
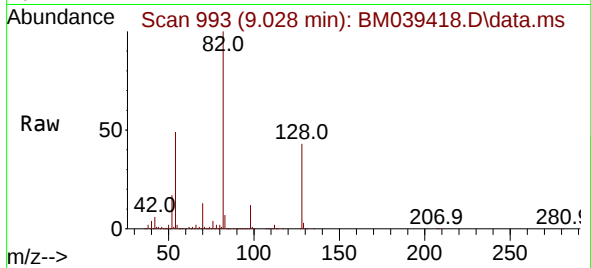




#23  
Nitrobenzene-d5  
Concen: 87.861 ng  
RT: 9.028 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BM039418.D  
Acq: 13 Apr 2023 19:33

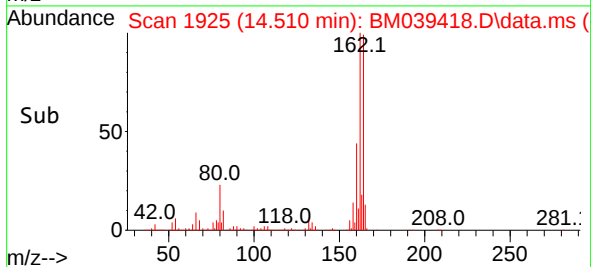
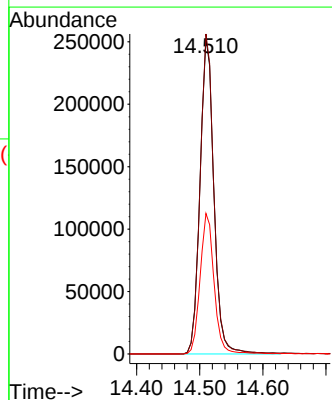
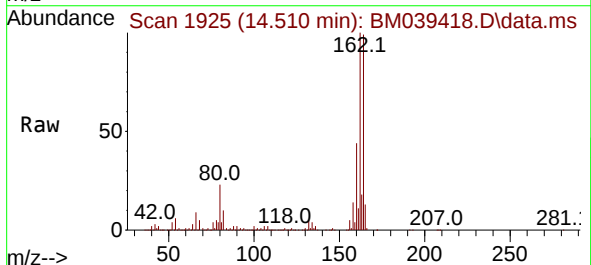
Instrument :  
BNA\_M  
ClientSampleId :  
IDW-SO-G2-041123

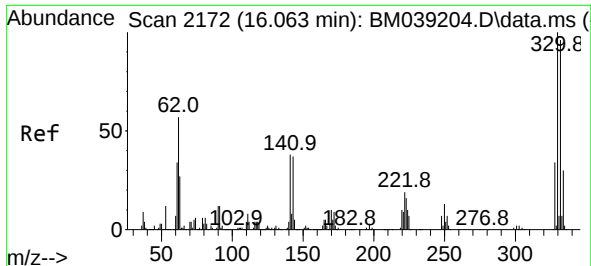
Tgt Ion: 82 Resp: 1180381  
Ion Ratio Lower Upper  
82 100  
128 42.7 35.1 52.7  
54 49.0 38.5 57.7



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.510 min Scan# 1925  
Delta R.T. -0.006 min  
Lab File: BM039418.D  
Acq: 13 Apr 2023 19:33

Tgt Ion:164 Resp: 386596  
Ion Ratio Lower Upper  
164 100  
162 101.4 79.1 118.7  
160 44.5 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 135.044 ng

RT: 16.010 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039418.D

Acq: 13 Apr 2023 19:33

Instrument :

BNA\_M

ClientSampleId :

IDW-SO-G2-041123

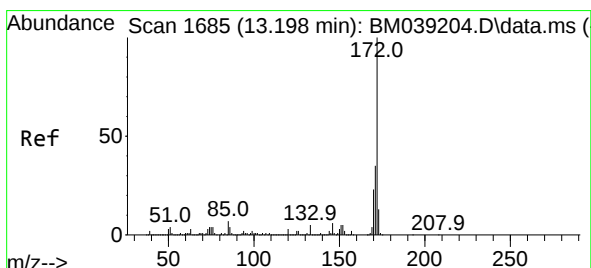
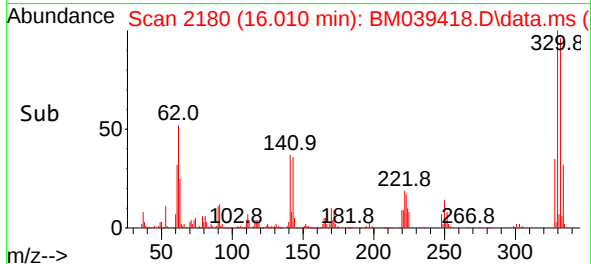
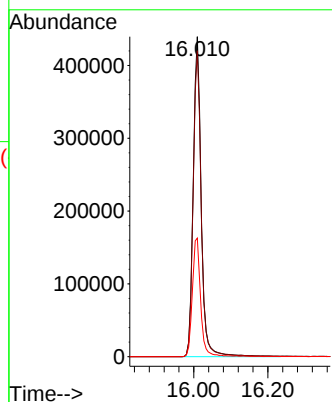
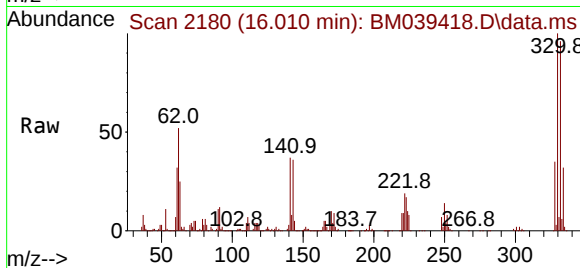
Tgt Ion:330 Resp: 662724

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.0

141 38.2 29.8 44.6



#45

2-Fluorobiphenyl

Concen: 85.980 ng

RT: 13.133 min Scan# 1691

Delta R.T. -0.006 min

Lab File: BM039418.D

Acq: 13 Apr 2023 19:33

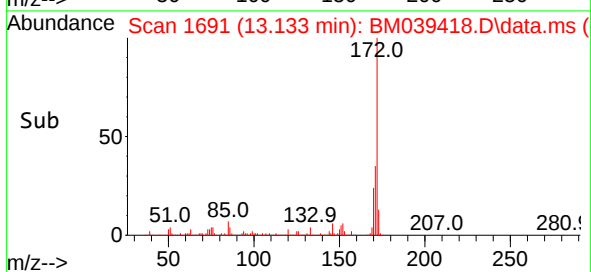
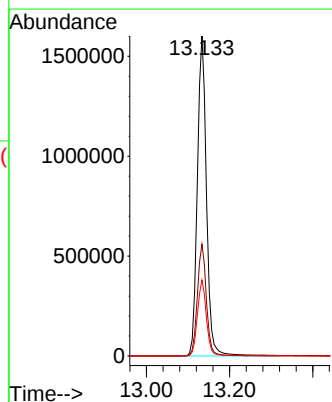
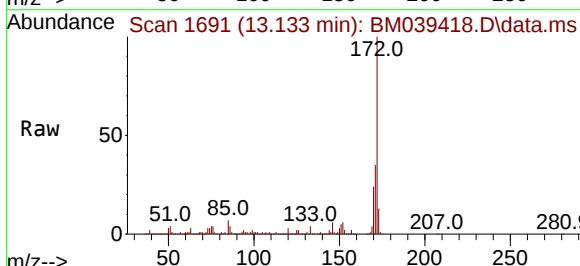
Tgt Ion:172 Resp: 2453272

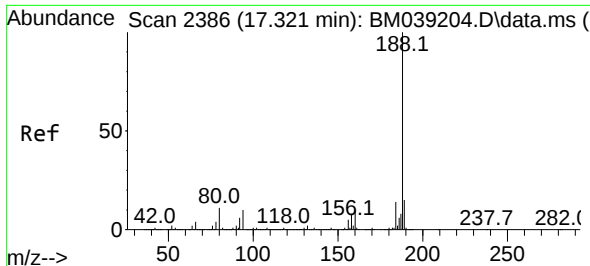
Ion Ratio Lower Upper

172 100

171 34.9 28.0 42.0

170 23.7 18.7 28.1

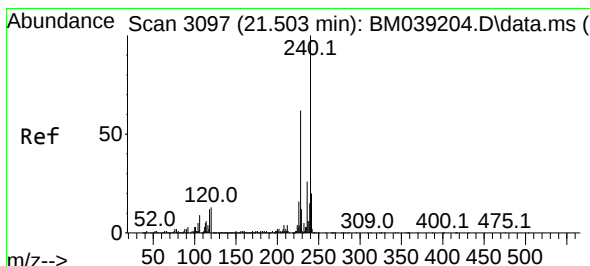
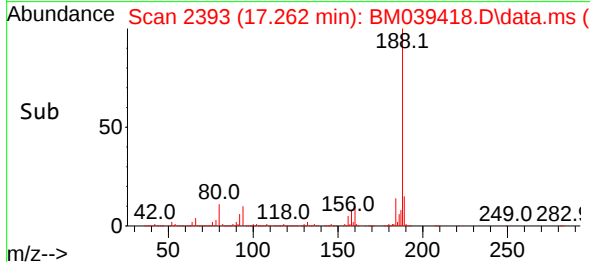
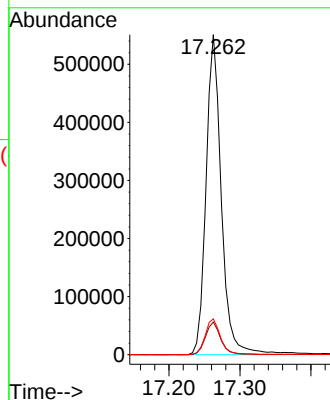
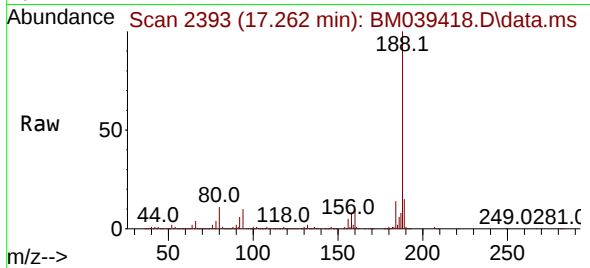




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.262 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM039418.D  
Acq: 13 Apr 2023 19:33

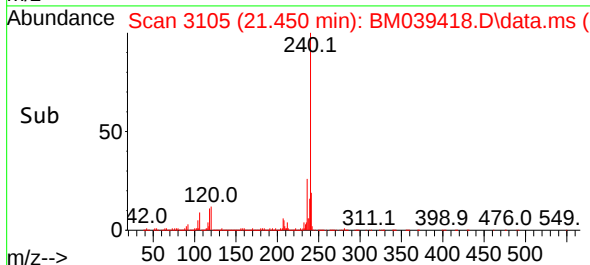
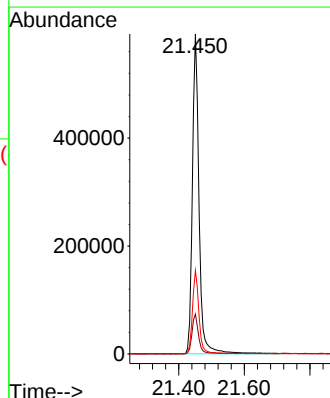
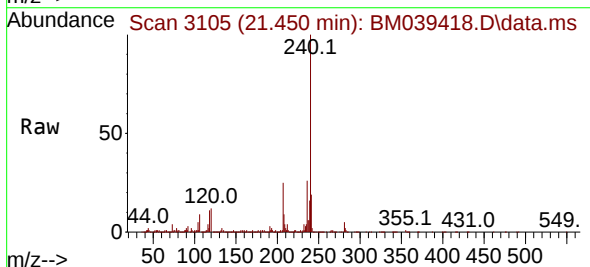
Instrument :  
BNA\_M  
ClientSampleId :  
IDW-SO-G2-041123

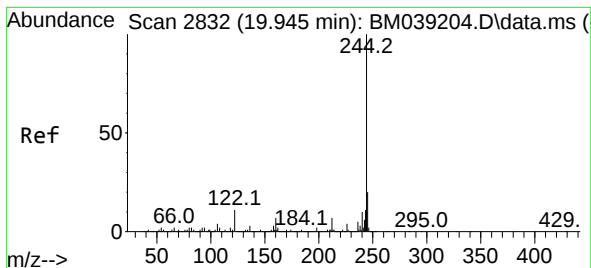
Tgt Ion:188 Resp: 822567  
Ion Ratio Lower Upper  
188 100  
94 10.2 8.2 12.4  
80 11.2 8.9 13.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.450 min Scan# 3105  
Delta R.T. -0.012 min  
Lab File: BM039418.D  
Acq: 13 Apr 2023 19:33

Tgt Ion:240 Resp: 837884  
Ion Ratio Lower Upper  
240 100  
120 12.5 10.2 15.2  
236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 95.906 ng

RT: 19.892 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039418.D

Acq: 13 Apr 2023 19:33

Instrument :

BNA\_M

ClientSampleId :

IDW-SO-G2-041123

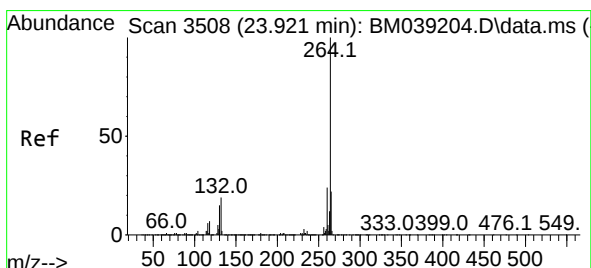
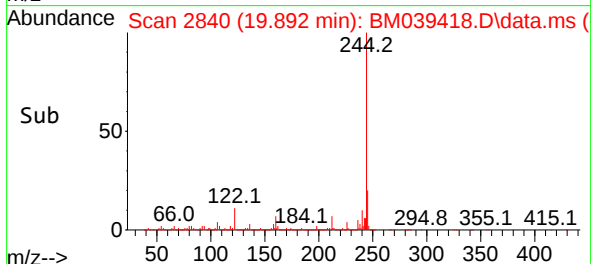
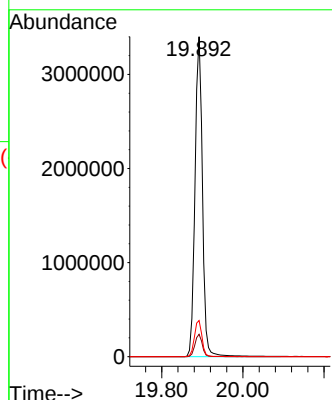
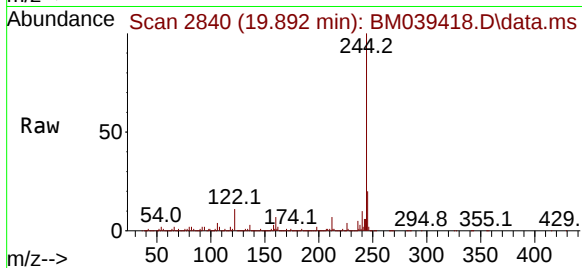
Tgt Ion:244 Resp: 4349442

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 11.3 9.1 13.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.833 min Scan# 3510

Delta R.T. -0.018 min

Lab File: BM039418.D

Acq: 13 Apr 2023 19:33

Tgt Ion:264 Resp: 945171

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 22.6 18.1 27.1

