

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060623\  
 Data File : BM040116.D  
 Acq On : 06 Jun 2023 22:38  
 Operator : MA/JU  
 Sample : 03018-08  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 343

Quant Time: Jun 07 02:14:29 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM052323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 06 16:45:42 2023  
 Response via : Initial Calibration

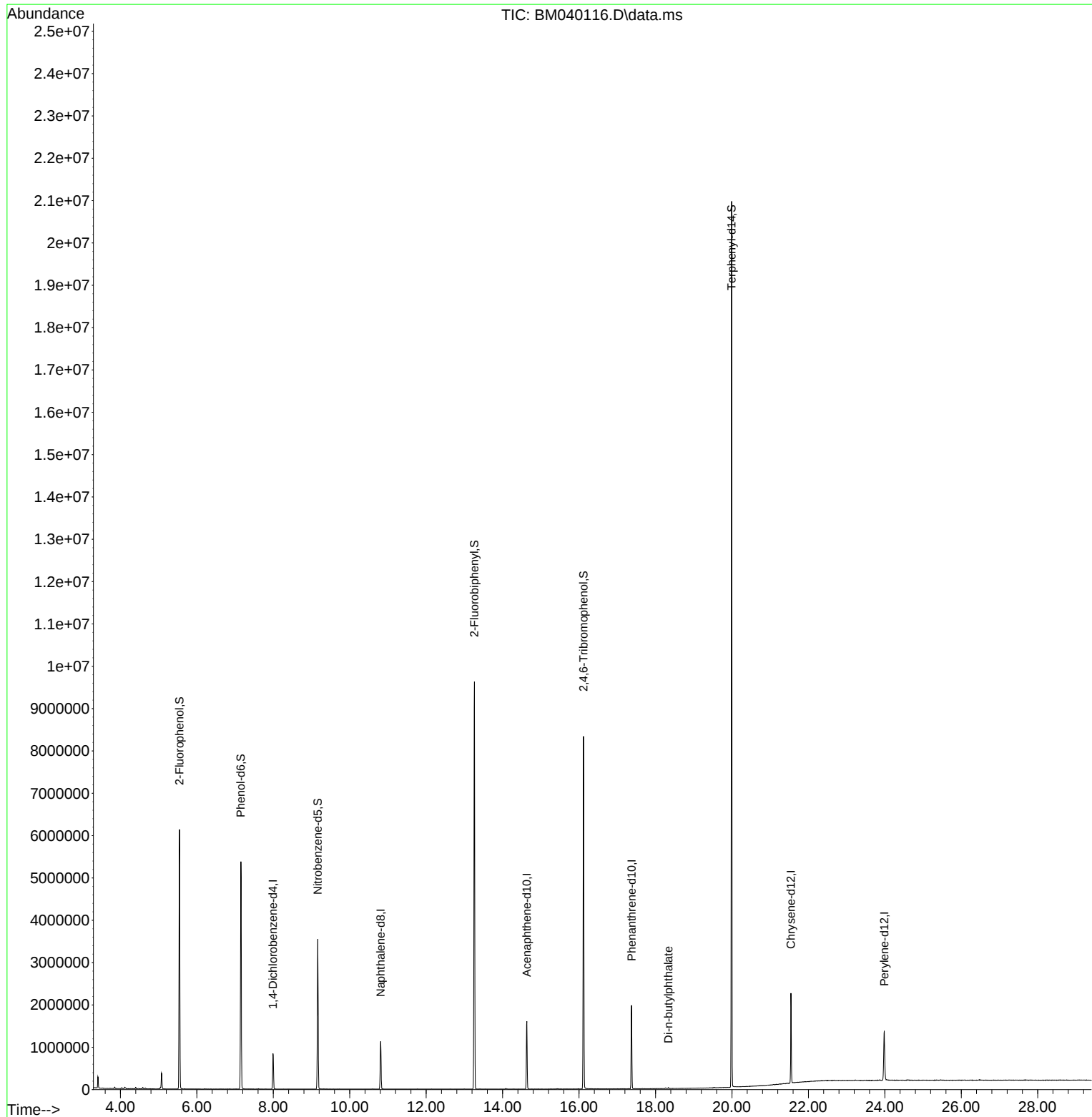
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)     |
|-----------------------------|--------|------|----------|---------|-------|--------------|
| -----                       |        |      |          |         |       |              |
| Internal Standards          |        |      |          |         |       |              |
| 1) 1,4-Dichlorobenzene-d4   | 7.992  | 152  | 220270   | 20.000  | ng    | 0.00         |
| 21) Naphthalene-d8          | 10.810 | 136  | 916950   | 20.000  | ng    | 0.00         |
| 39) Acenaphthene-d10        | 14.633 | 164  | 493981   | 20.000  | ng    | 0.00         |
| 64) Phenanthrene-d10        | 17.374 | 188  | 1026936  | 20.000  | ng    | 0.00         |
| 76) Chrysene-d12            | 21.544 | 240  | 780498   | 20.000  | ng    | -0.01        |
| 86) Perylene-d12            | 23.986 | 264  | 727243   | 20.000  | ng    | 0.00         |
| System Monitoring Compounds |        |      |          |         |       |              |
| 5) 2-Fluorophenol           | 5.546  | 112  | 2595446  | 180.744 | ng    | 0.00         |
| 7) Phenol-d6                | 7.151  | 99   | 3061714  | 163.448 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 9.163  | 82   | 1894167  | 111.467 | ng    | 0.00         |
| 42) 2,4,6-Tribromophenol    | 16.115 | 330  | 1351516  | 210.796 | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 13.263 | 172  | 4442102  | 106.065 | ng    | 0.00         |
| 79) Terphenyl-d14           | 19.992 | 244  | 8507431  | 169.244 | ng    | 0.00         |
| Target Compounds            |        |      |          |         |       |              |
| 74) Di-n-butylphthalate     | 18.339 | 149  | 14591    | 3.854   | ng    | Qvalue<br>98 |
| -----                       |        |      |          |         |       |              |

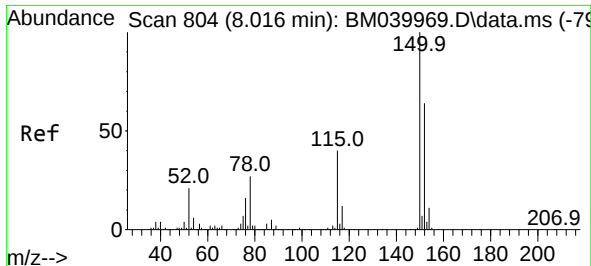
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060623\  
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Sample : 03018-08  
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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
343

Quant Time: Jun 07 02:14:29 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM052323.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jun 06 16:45:42 2023  
Response via : Initial Calibration

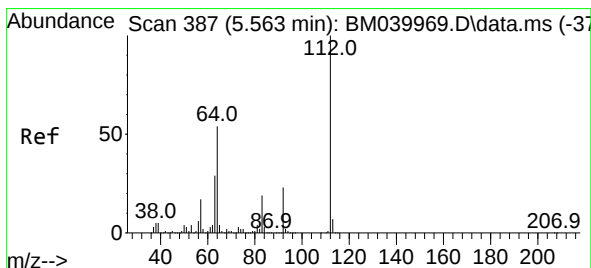
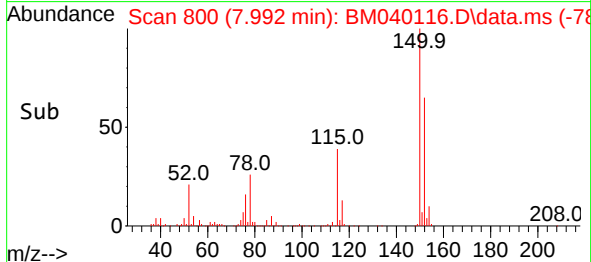
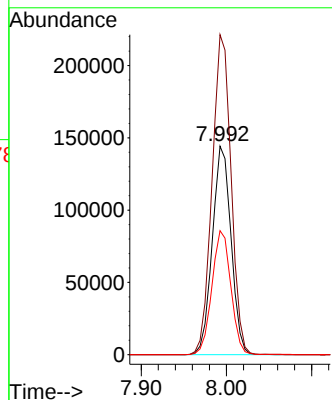
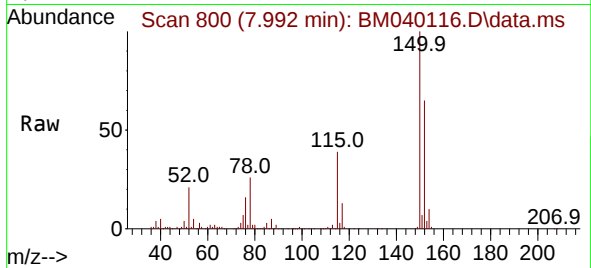




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.992 min Scan# 804  
Delta R.T. -0.007 min  
Lab File: BM040116.D  
Acq: 06 Jun 2023 22:38

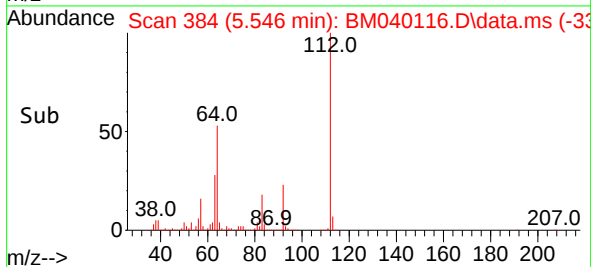
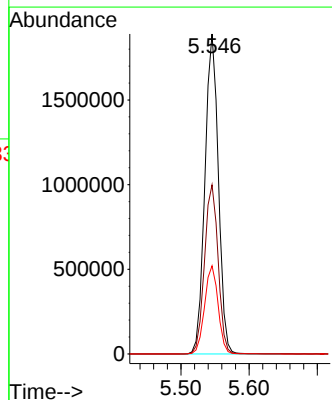
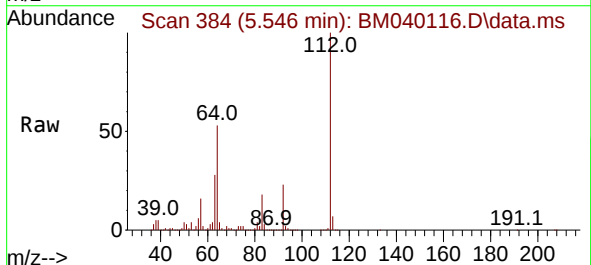
Instrument :  
BNA\_M  
ClientSampleId :  
343

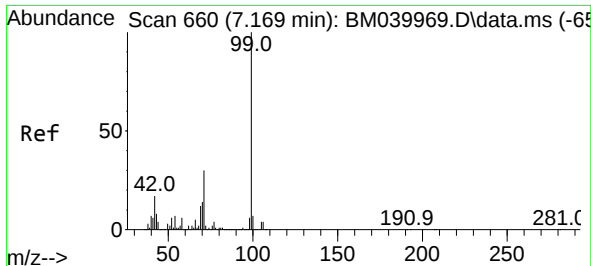
Tgt Ion:152 Resp: 220270  
Ion Ratio Lower Upper  
152 100  
150 153.5 125.5 188.3  
115 59.5 50.2 75.2



#5  
2-Fluorophenol  
Concen: 180.744 ng  
RT: 5.546 min Scan# 384  
Delta R.T. 0.006 min  
Lab File: BM040116.D  
Acq: 06 Jun 2023 22:38

Tgt Ion:112 Resp: 2595446  
Ion Ratio Lower Upper  
112 100  
64 52.9 43.0 64.4  
63 27.5 22.9 34.3

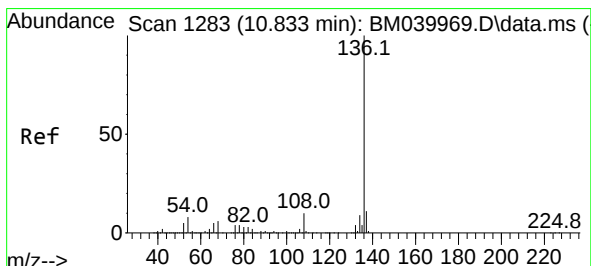
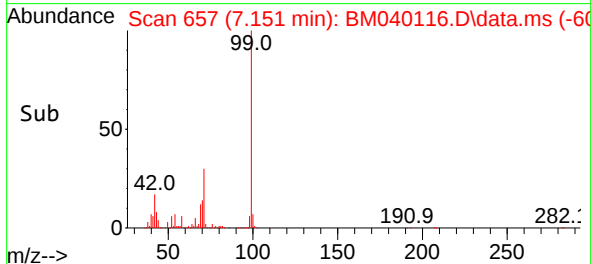
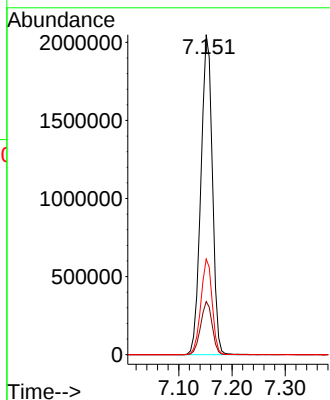
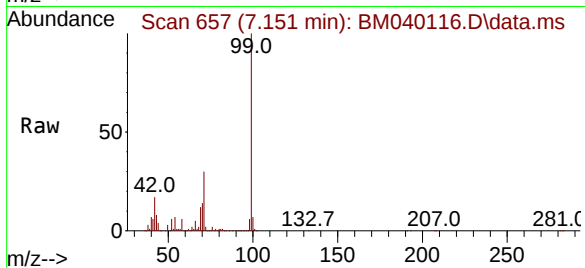




#7  
Phenol-d6  
Concen: 163.448 ng  
RT: 7.151 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM040116.D  
Acq: 06 Jun 2023 22:38

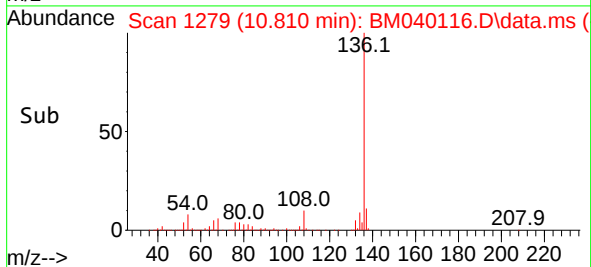
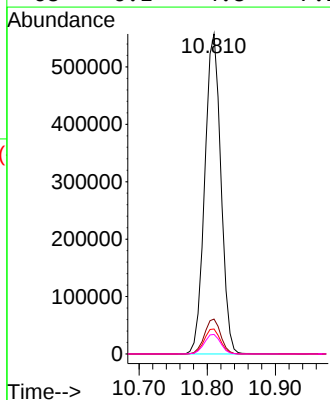
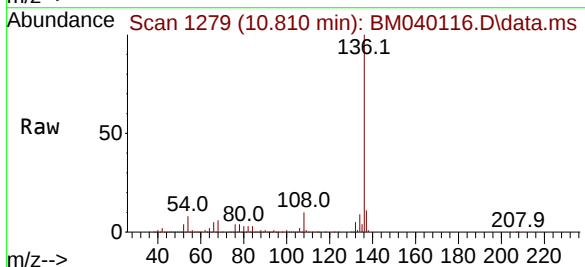
Instrument :  
BNA\_M  
ClientSampleId :  
343

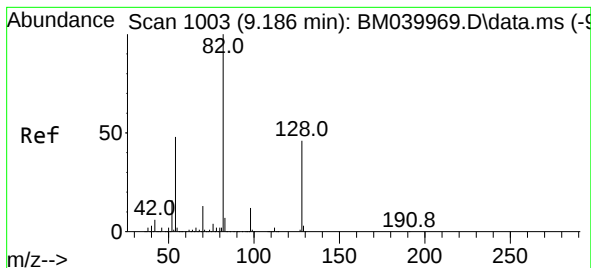
Tgt Ion: 99 Resp: 3061714  
Ion Ratio Lower Upper  
99 100  
42 16.6 13.8 20.6  
71 29.9 24.4 36.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.810 min Scan# 1279  
Delta R.T. -0.000 min  
Lab File: BM040116.D  
Acq: 06 Jun 2023 22:38

Tgt Ion:136 Resp: 916950  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.7 13.1  
54 7.8 6.1 9.1  
68 6.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 111.467 ng

RT: 9.163 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM040116.D

Acq: 06 Jun 2023 22:38

Instrument :

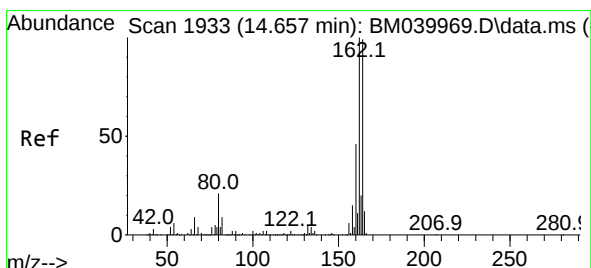
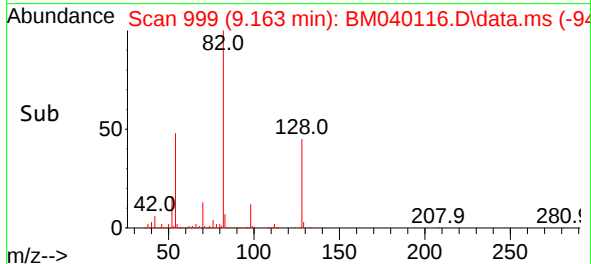
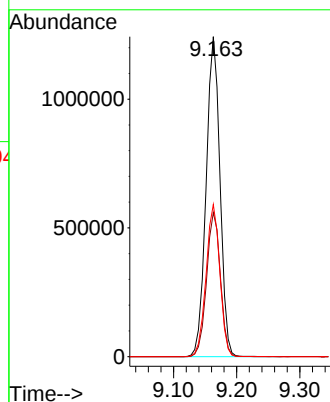
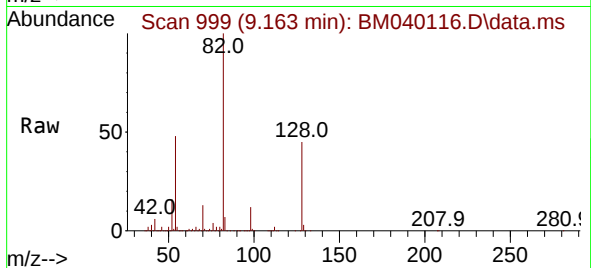
BNA\_M

ClientSampleId :

343

Tgt Ion: 82 Resp: 1894167

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 45.0  | 36.5  | 54.7  |
| 54  | 47.6  | 38.3  | 57.5  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.633 min Scan# 1929

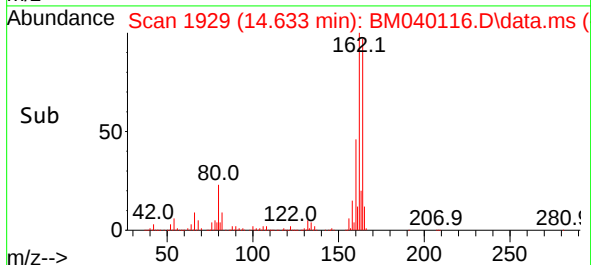
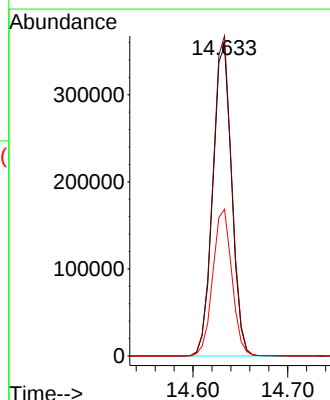
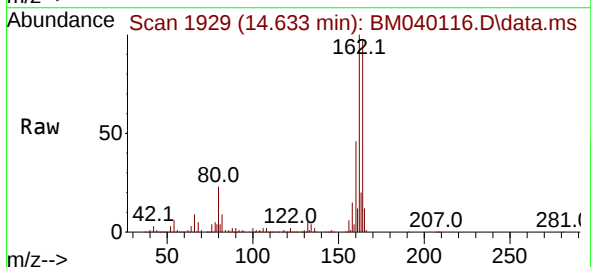
Delta R.T. -0.000 min

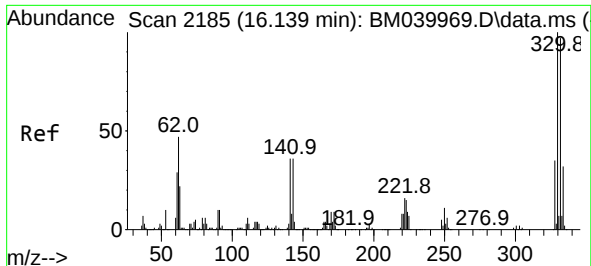
Lab File: BM040116.D

Acq: 06 Jun 2023 22:38

Tgt Ion:164 Resp: 493981

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 103.0 | 80.6  | 120.8 |
| 160 | 47.2  | 36.7  | 55.1  |





#42

2,4,6-Tribromophenol

Concen: 210.796 ng

RT: 16.115 min Scan# 2185

Delta R.T. -0.006 min

Lab File: BM040116.D

Acq: 06 Jun 2023 22:38

Instrument :

BNA\_M

ClientSampleId :

343

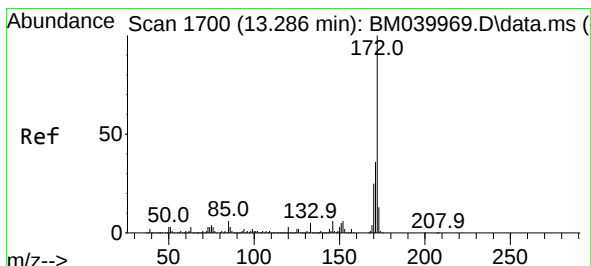
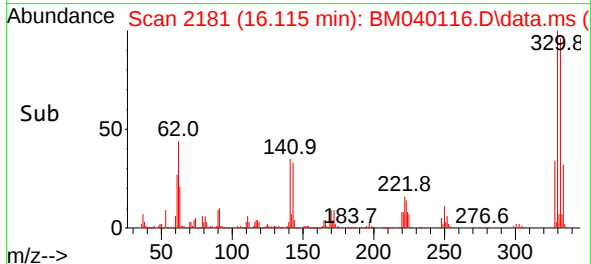
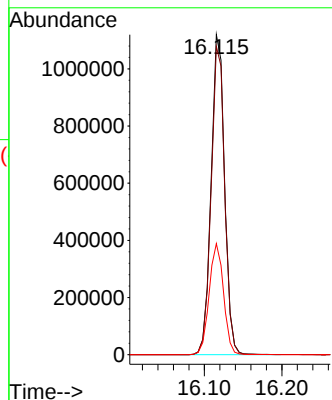
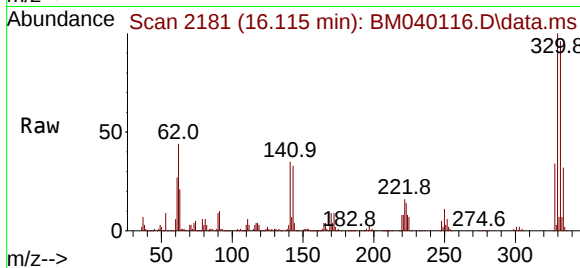
Tgt Ion:330 Resp: 1351516

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

141 37.0 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 106.065 ng

RT: 13.263 min Scan# 1696

Delta R.T. -0.000 min

Lab File: BM040116.D

Acq: 06 Jun 2023 22:38

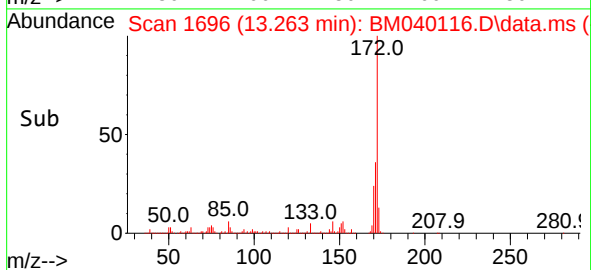
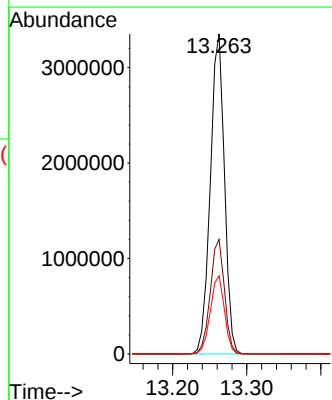
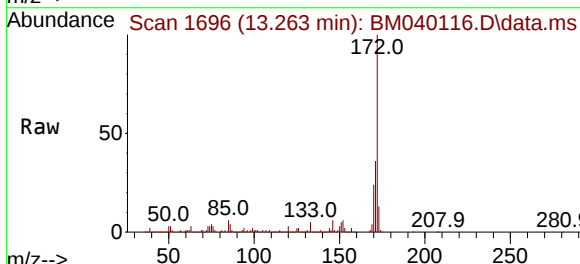
Tgt Ion:172 Resp: 4442102

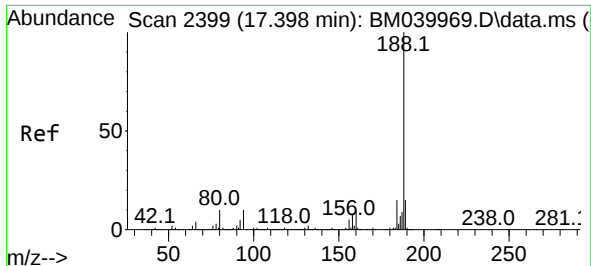
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.4 19.6 29.4

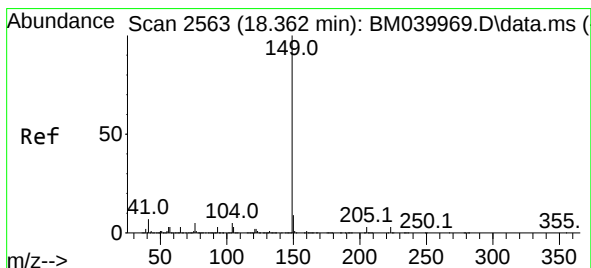
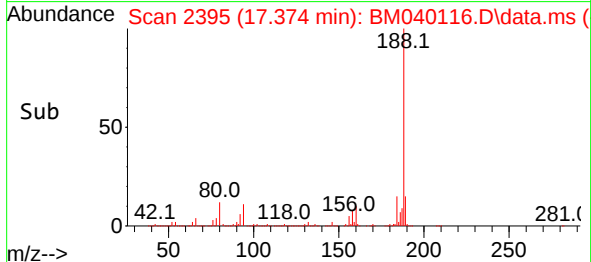
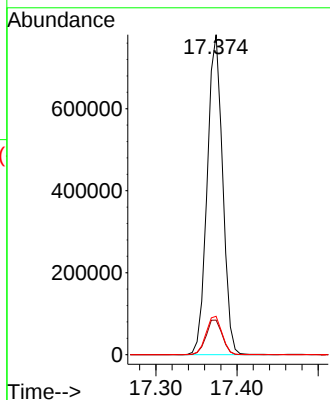
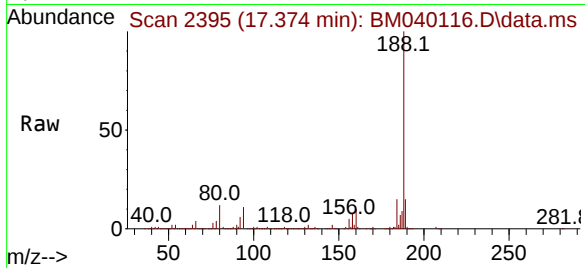




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.374 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM040116.D  
Acq: 06 Jun 2023 22:38

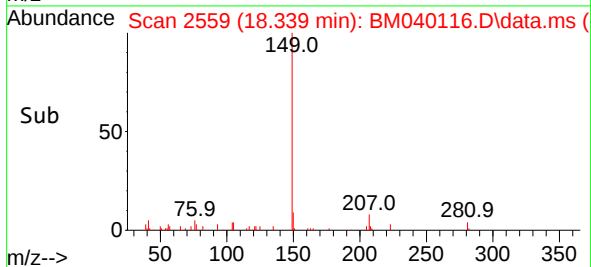
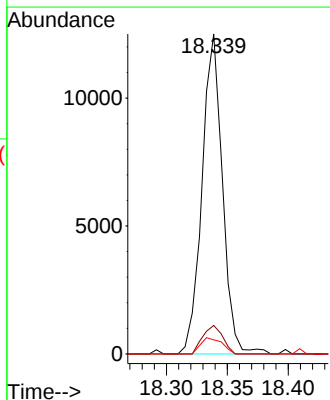
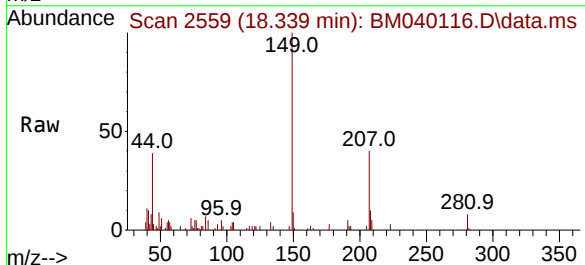
Instrument :  
BNA\_M  
ClientSampleId :  
343

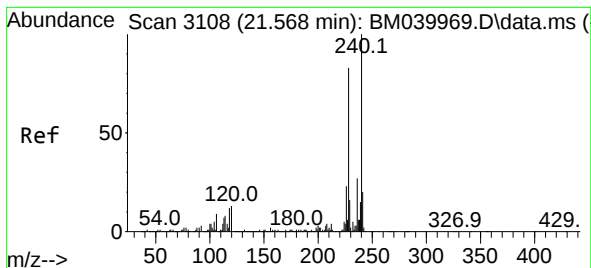
Tgt Ion:188 Resp: 1026936  
Ion Ratio Lower Upper  
188 100  
94 10.8 7.8 11.8  
80 12.0 8.2 12.4



#74  
Di-n-butylphthalate  
Concen: 3.854 ng  
RT: 18.339 min Scan# 2559  
Delta R.T. -0.006 min  
Lab File: BM040116.D  
Acq: 06 Jun 2023 22:38

Tgt Ion:149 Resp: 14591  
Ion Ratio Lower Upper  
149 100  
150 8.9 7.4 11.2  
104 4.4 4.2 6.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.544 min Scan# 3108

Delta R.T. -0.012 min

Lab File: BM040116.D

Acq: 06 Jun 2023 22:38

Instrument :

BNA\_M

ClientSampleId :

343

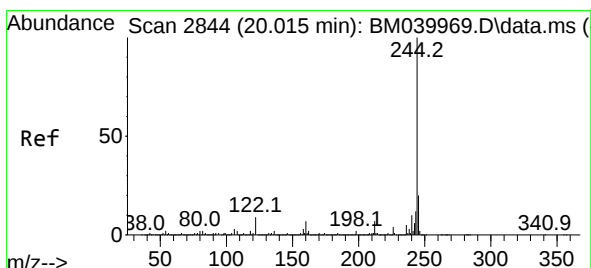
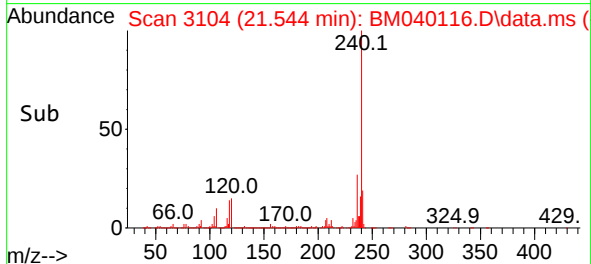
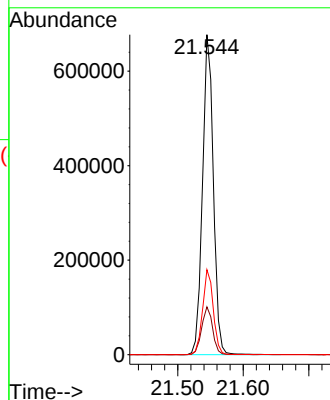
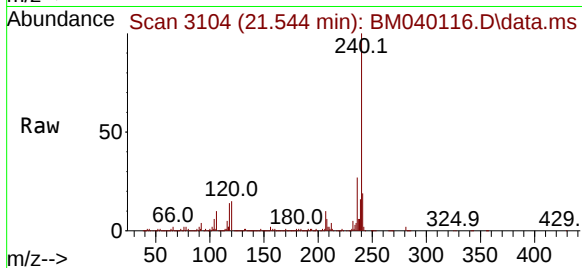
Tgt Ion:240 Resp: 780498

Ion Ratio Lower Upper

240 100

120 14.9 10.1 15.1

236 26.6 21.3 31.9



#79

Terphenyl-d14

Concen: 169.244 ng

RT: 19.992 min Scan# 2840

Delta R.T. -0.000 min

Lab File: BM040116.D

Acq: 06 Jun 2023 22:38

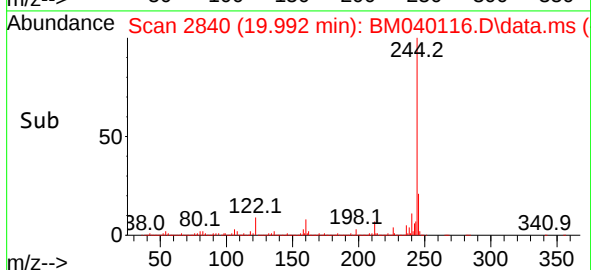
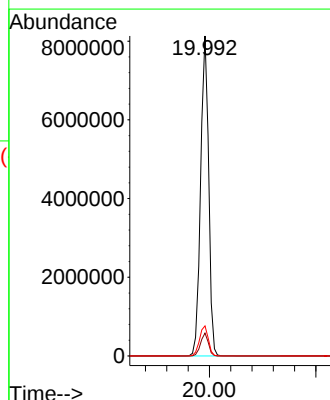
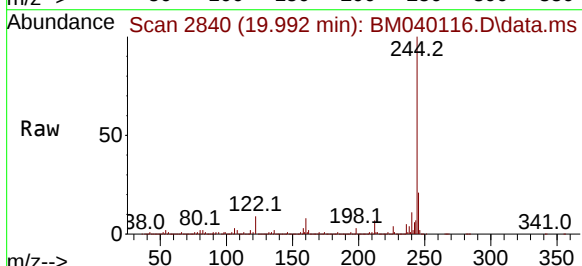
Tgt Ion:244 Resp: 8507431

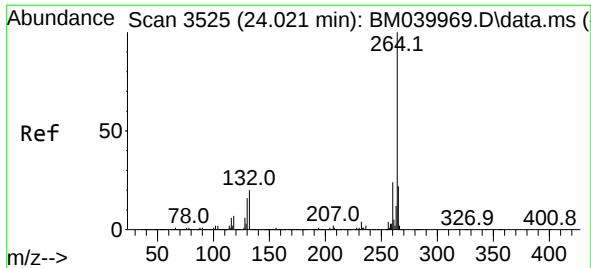
Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

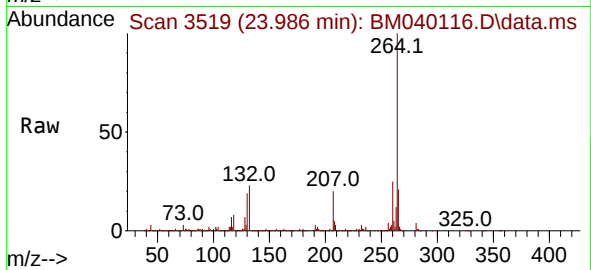
122 9.4 7.1 10.7





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.986 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BM040116.D  
Acq: 06 Jun 2023 22:38

Instrument :  
BNA\_M  
ClientSampleId :  
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Tgt Ion:264 Resp: 727243  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.6  | 19.5  | 29.3  |
| 265 | 21.2  | 17.7  | 26.5  |

