

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021424\  
 Data File : BM044076.D  
 Acq On : 14 Feb 2024 11:08  
 Operator : MA/JU  
 Sample : PB158983BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB158983BL

Quant Time: Feb 14 11:38:29 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 09 02:42:01 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.904  | 152  | 468686   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.704 | 136  | 1907769  | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.545 | 164  | 1081673  | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.298 | 188  | 2112630  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.498 | 240  | 1363189  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.897 | 264  | 1337647  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.481  | 112  | 4329306  | 134.348 | ng    | 0.00     |
| 7) Phenol-d6                | 7.075  | 99   | 5327092  | 129.926 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.075  | 82   | 3207737  | 89.222  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.039 | 330  | 1298906  | 110.908 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.175 | 172  | 6443245  | 84.069  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.945 | 244  | 7531446  | 96.853  | ng    | 0.00     |

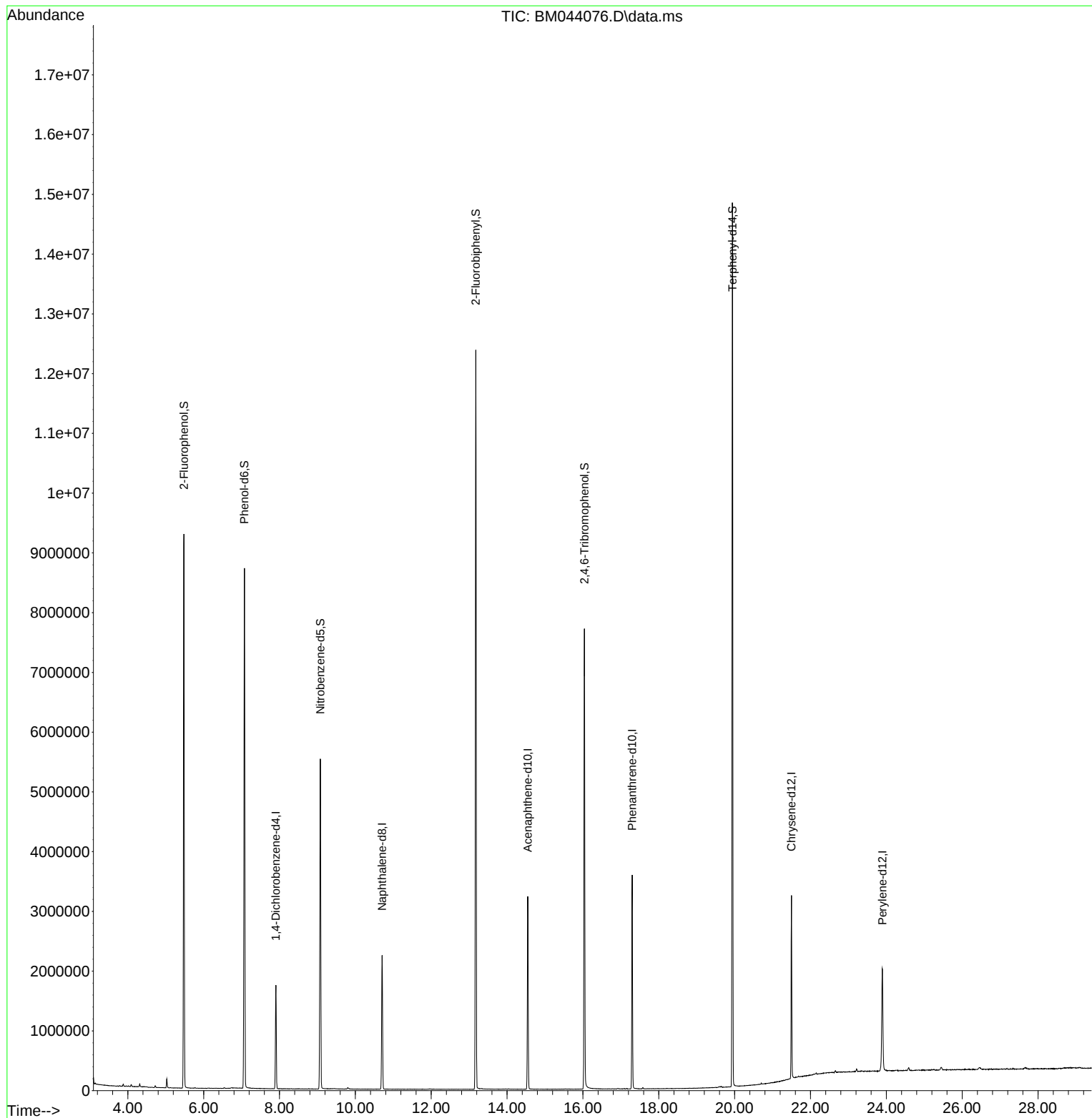
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

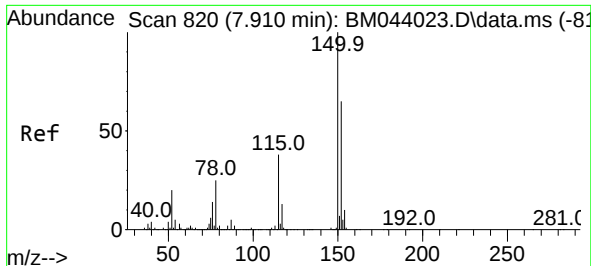
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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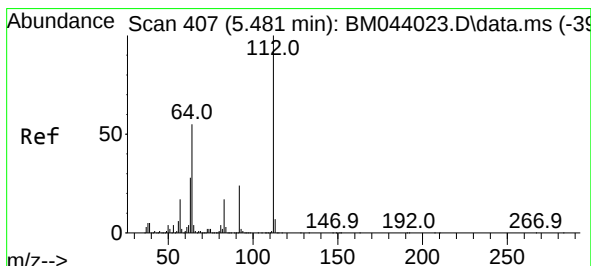
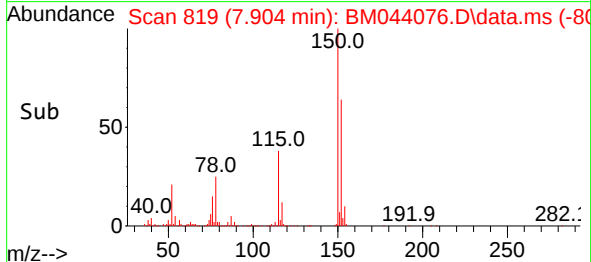
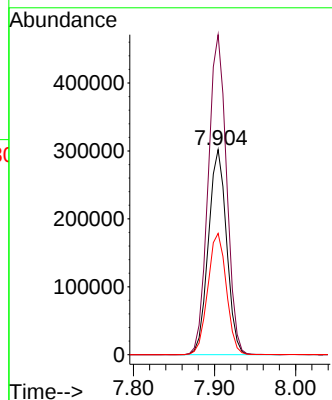
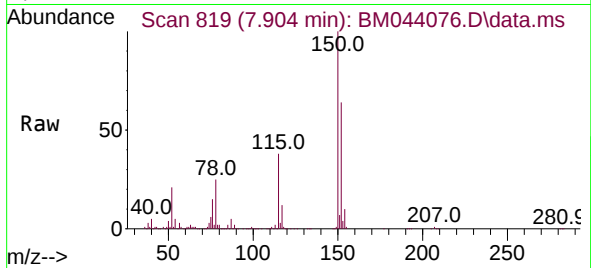




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.904 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BM044076.D  
Acq: 14 Feb 2024 11:08

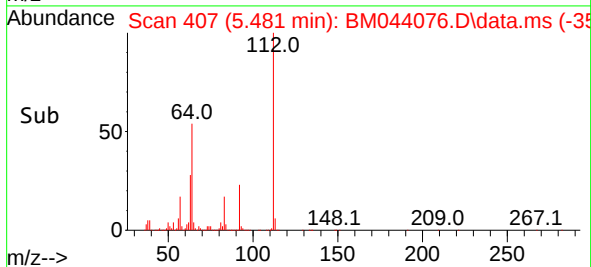
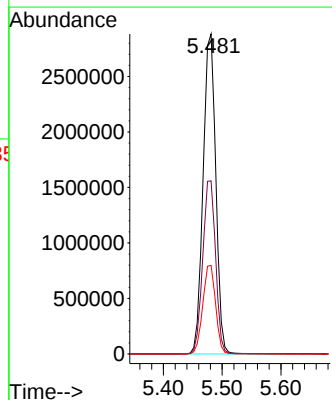
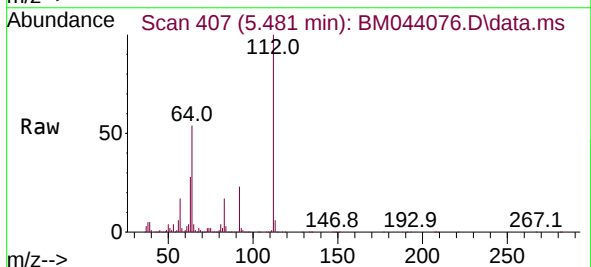
Instrument :  
BNA\_M  
ClientSampleId :  
PB158983BL

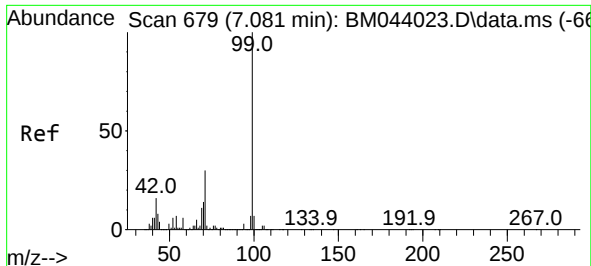
Tgt Ion:152 Resp: 468686  
Ion Ratio Lower Upper  
152 100  
150 156.0 122.7 184.1  
115 59.1 47.0 70.6



#5  
2-Fluorophenol  
Concen: 134.348 ng  
RT: 5.481 min Scan# 407  
Delta R.T. 0.000 min  
Lab File: BM044076.D  
Acq: 14 Feb 2024 11:08

Tgt Ion:112 Resp: 4329306  
Ion Ratio Lower Upper  
112 100  
64 54.1 44.2 66.4  
63 27.7 22.6 34.0

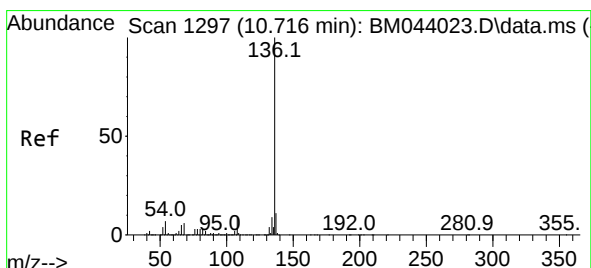
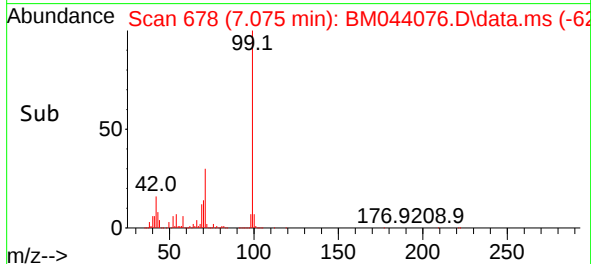
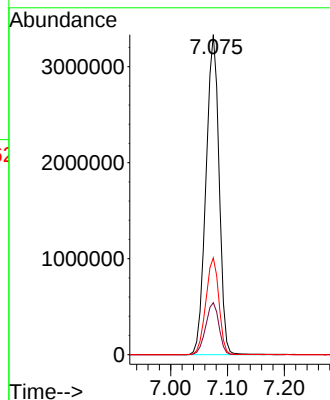
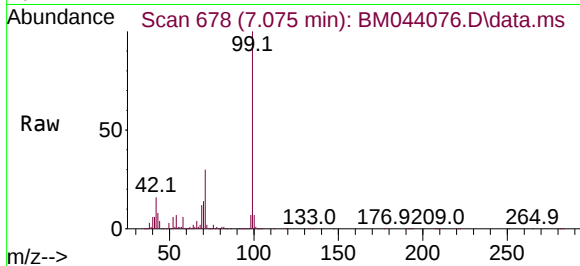




#7  
Phenol-d6  
Concen: 129.926 ng  
RT: 7.075 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM044076.D  
Acq: 14 Feb 2024 11:08

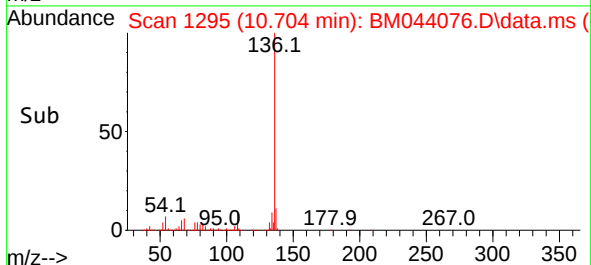
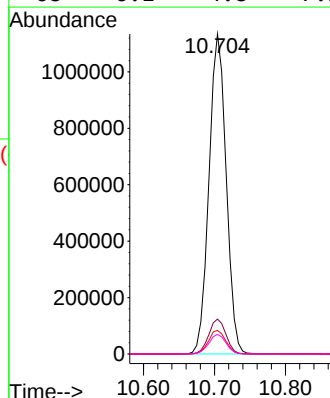
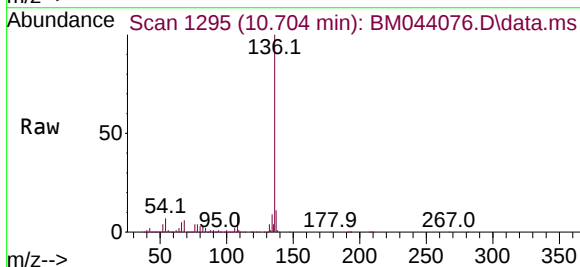
Instrument :  
BNA\_M  
ClientSampleId :  
PB158983BL

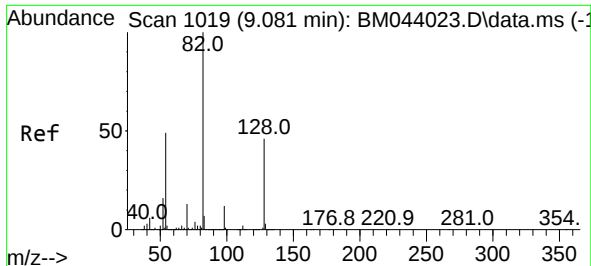
Tgt Ion: 99 Resp: 5327092  
Ion Ratio Lower Upper  
99 100  
42 16.2 12.9 19.3  
71 30.2 23.9 35.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.704 min Scan# 1295  
Delta R.T. -0.012 min  
Lab File: BM044076.D  
Acq: 14 Feb 2024 11:08

Tgt Ion:136 Resp: 1907769  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.9 13.3  
54 7.4 5.9 8.9  
68 6.1 4.8 7.2

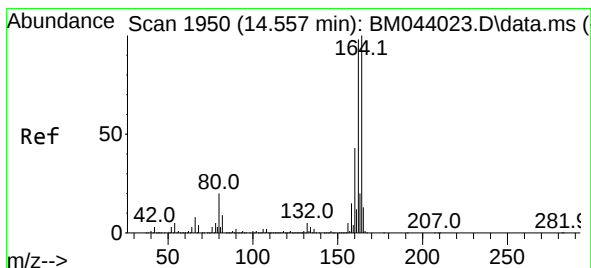
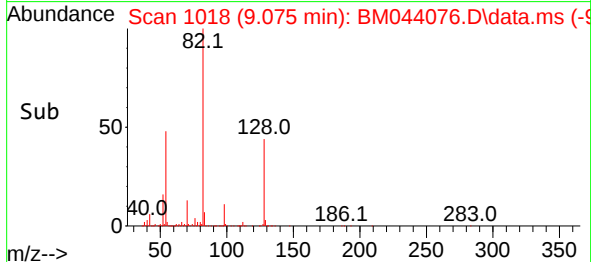
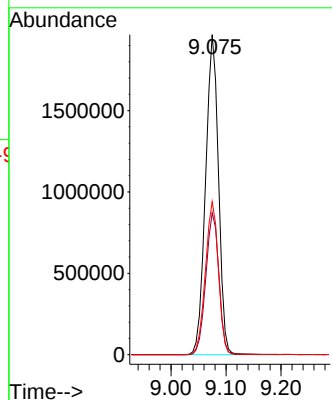
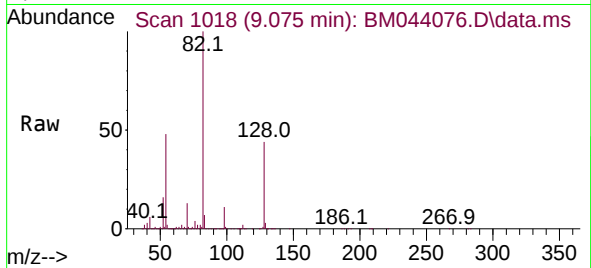




#23  
Nitrobenzene-d5  
Concen: 89.222 ng  
RT: 9.075 min Scan# 1018  
Delta R.T. -0.006 min  
Lab File: BM044076.D  
Acq: 14 Feb 2024 11:08

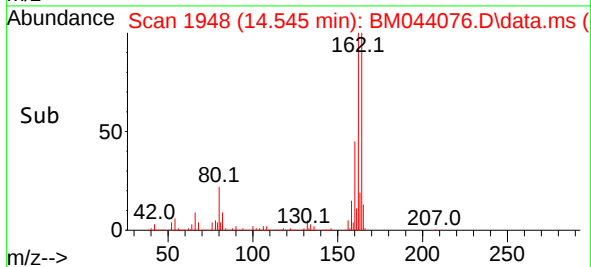
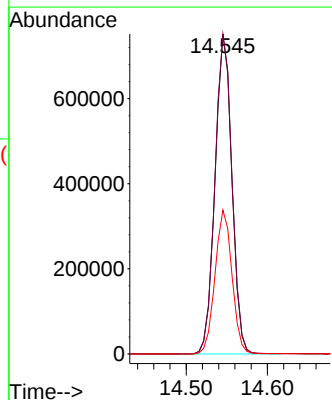
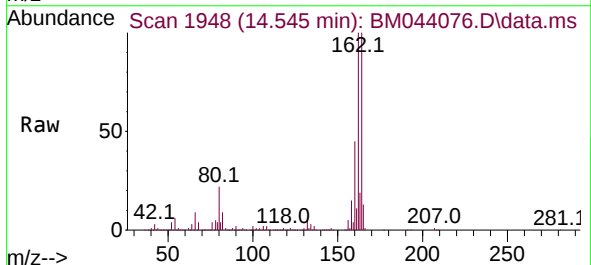
Instrument :  
BNA\_M  
ClientSampleId :  
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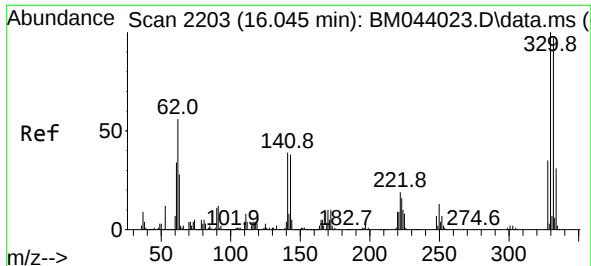
Tgt Ion: 82 Resp: 3207737  
Ion Ratio Lower Upper  
82 100  
128 44.3 37.1 55.7  
54 47.8 38.9 58.3



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.545 min Scan# 1948  
Delta R.T. -0.012 min  
Lab File: BM044076.D  
Acq: 14 Feb 2024 11:08

Tgt Ion:164 Resp: 1081673  
Ion Ratio Lower Upper  
164 100  
162 100.0 78.4 117.6  
160 45.0 34.6 51.8





#42

2,4,6-Tribromophenol

Concen: 110.908 ng

RT: 16.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044076.D

Acq: 14 Feb 2024 11:08

Instrument :

BNA\_M

ClientSampleId :

PB158983BL

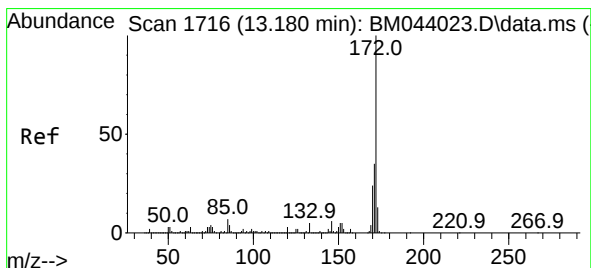
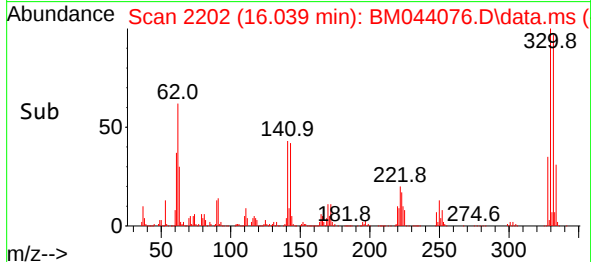
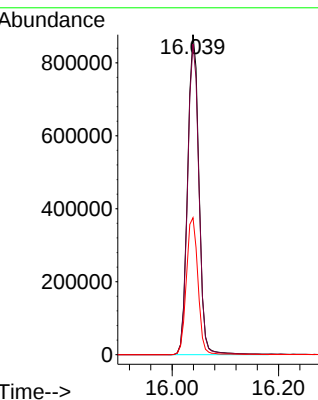
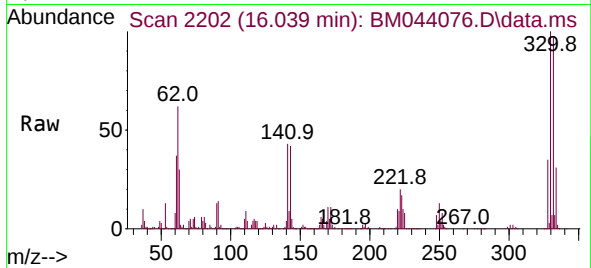
Tgt Ion:330 Resp: 1298906

Ion Ratio Lower Upper

330 100

332 97.0 77.7 116.5

141 43.7 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 84.069 ng

RT: 13.175 min Scan# 1715

Delta R.T. -0.006 min

Lab File: BM044076.D

Acq: 14 Feb 2024 11:08

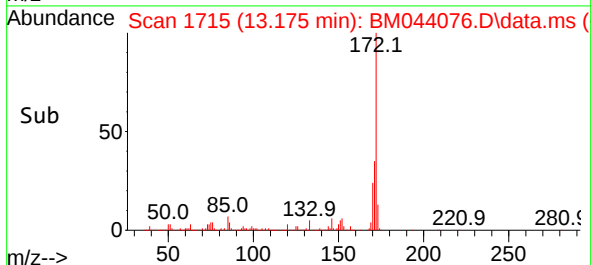
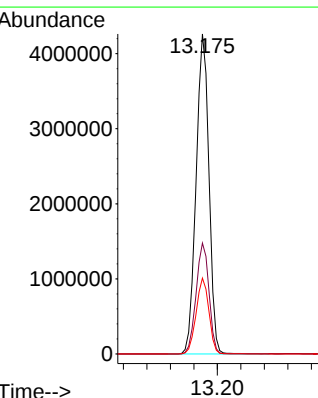
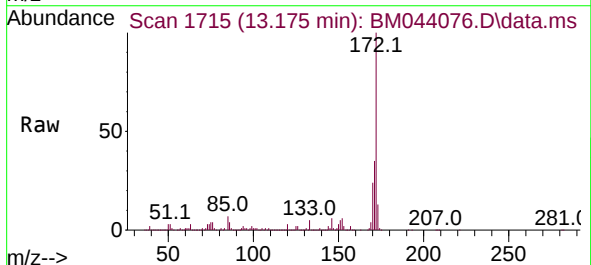
Tgt Ion:172 Resp: 6443245

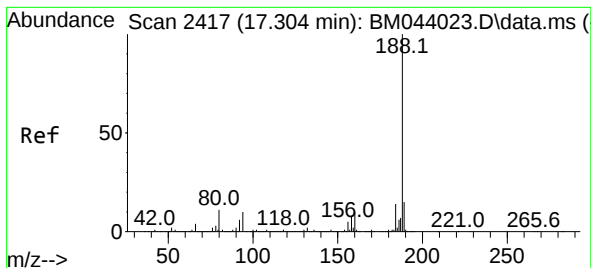
Ion Ratio Lower Upper

172 100

171 34.7 27.9 41.9

170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BM044076.D

Acq: 14 Feb 2024 11:08

Instrument :

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ClientSampleId :

PB158983BL

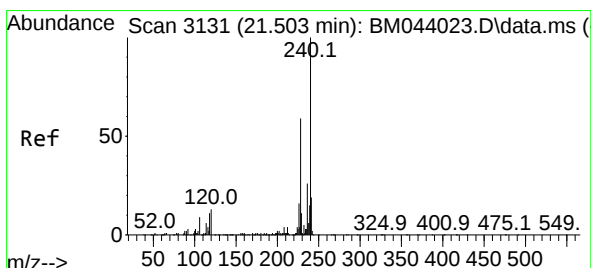
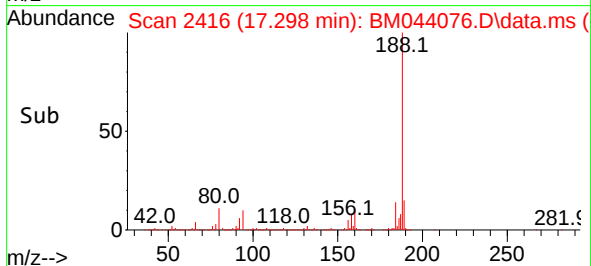
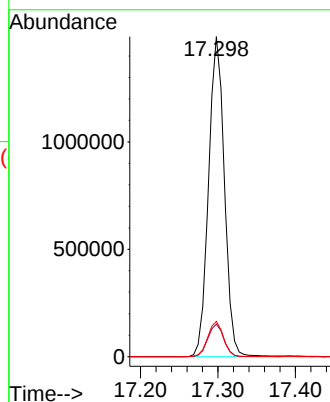
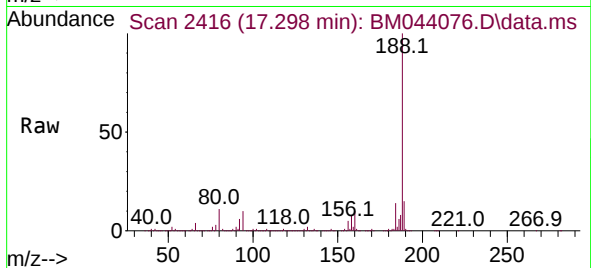
Tgt Ion:188 Resp: 2112630

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.2

80 11.0 8.8 13.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.498 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM044076.D

Acq: 14 Feb 2024 11:08

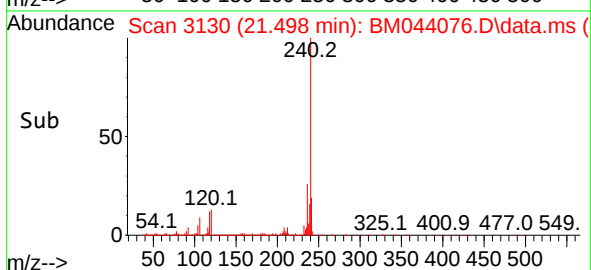
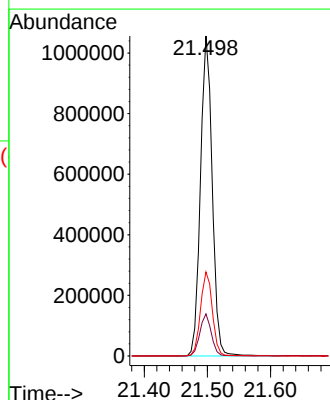
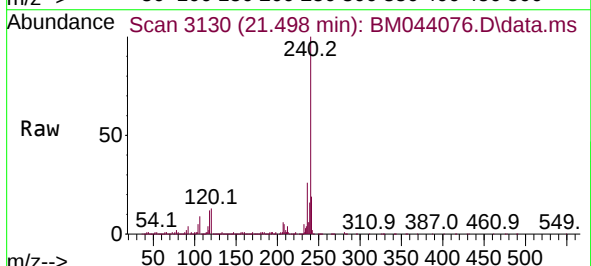
Tgt Ion:240 Resp: 1363189

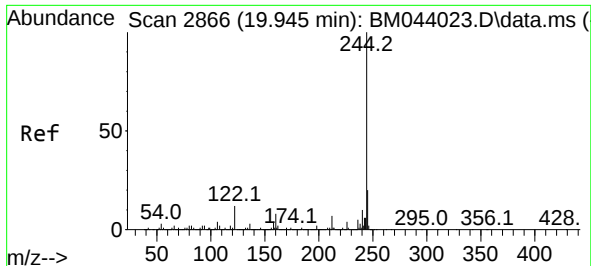
Ion Ratio Lower Upper

240 100

120 13.1 10.1 15.1

236 26.3 20.6 31.0

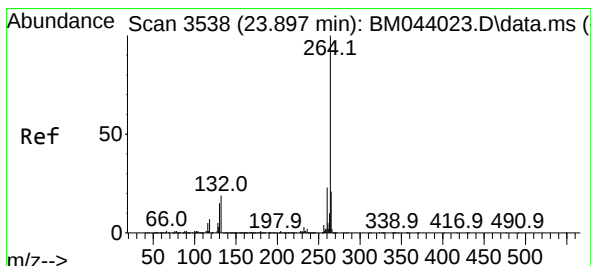
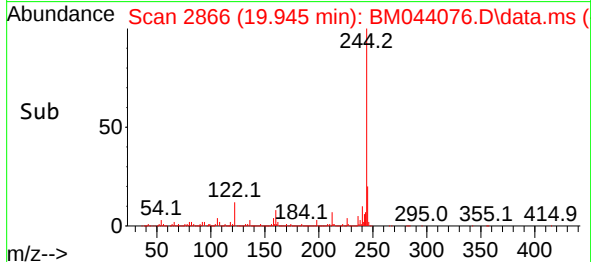
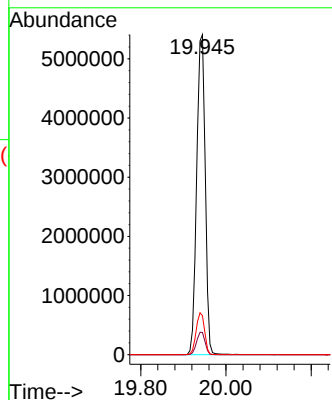
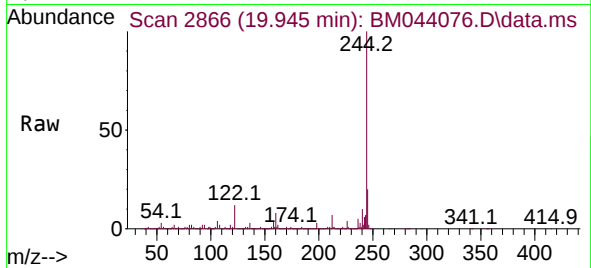




#79  
 Terphenyl-d14  
 Concen: 96.853 ng  
 RT: 19.945 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BM044076.D  
 Acq: 14 Feb 2024 11:08

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Tgt Ion:244 Resp: 7531446  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.4 8.2  
 122 12.2 9.5 14.3



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.897 min Scan# 3538  
 Delta R.T. 0.000 min  
 Lab File: BM044076.D  
 Acq: 14 Feb 2024 11:08

Tgt Ion:264 Resp: 1337647  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 18.8 28.2  
 265 21.8 17.3 25.9

