

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080222\  
 Data File : BM036058.D  
 Acq On : 02 Aug 2022 19:02  
 Operator : CG/JU  
 Sample : N3996-04  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MH-CD

Quant Time: Aug 03 00:53:40 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM080122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 01 17:50:14 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.869  | 152  | 364429   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.675 | 136  | 1508814  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.510 | 164  | 909172   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.245 | 188  | 1901419  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.427 | 240  | 1857617  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.791 | 264  | 1742747  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.434  | 112  | 3215236  | 143.038 | ng    | 0.00     |
| 7) Phenol-d6                | 7.045  | 99   | 4078396  | 142.592 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.039  | 82   | 2402543  | 89.134  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.998 | 330  | 1592836  | 149.341 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.139 | 172  | 5317245  | 86.351  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.874 | 244  | 8435675  | 89.571  | ng    | 0.00     |

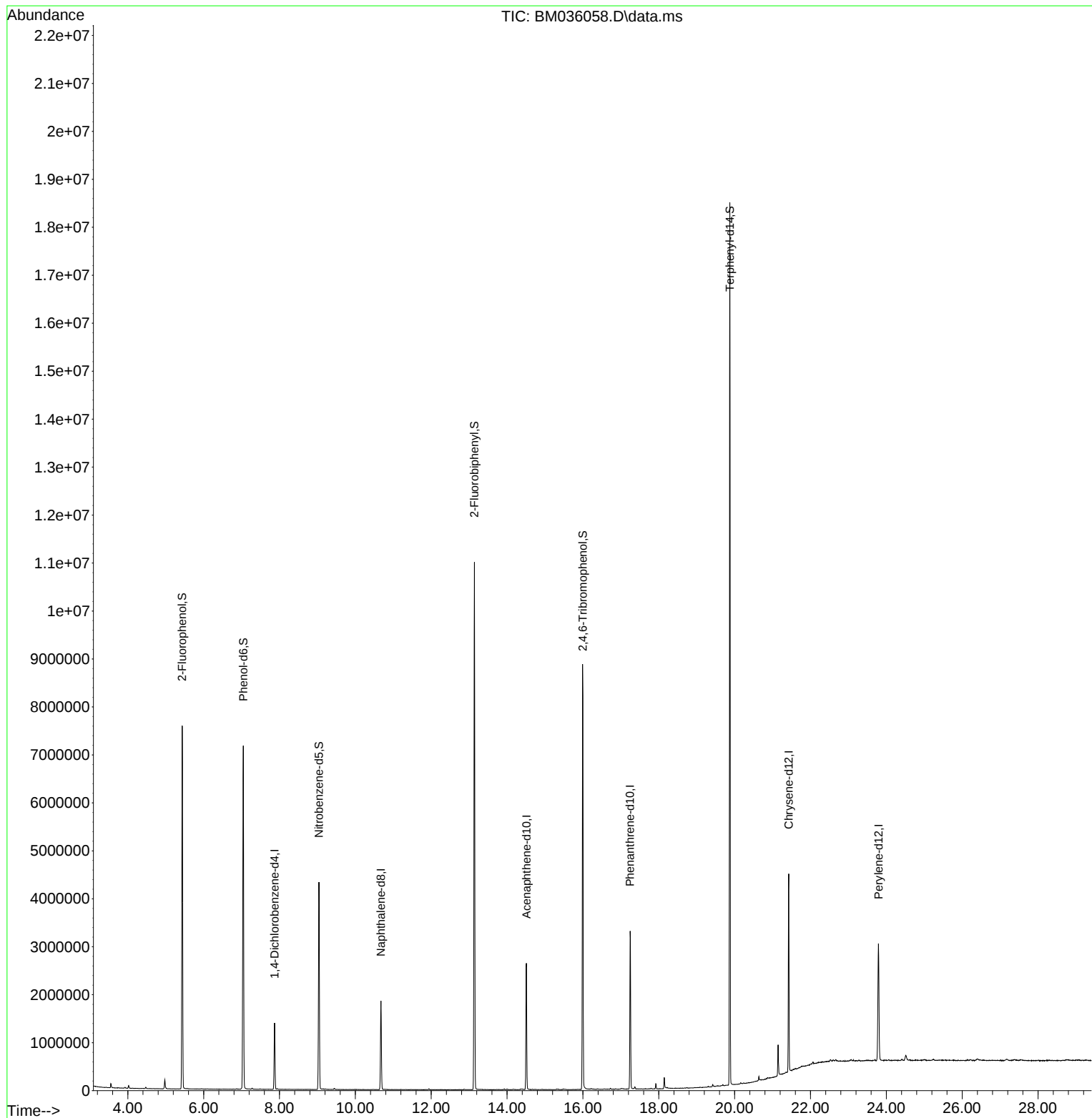
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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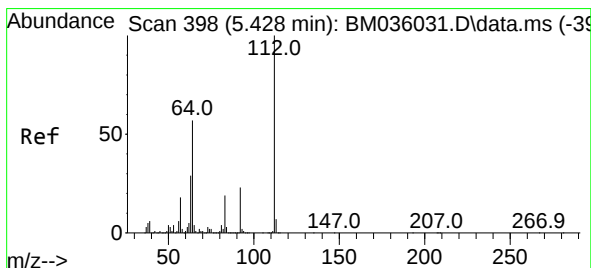
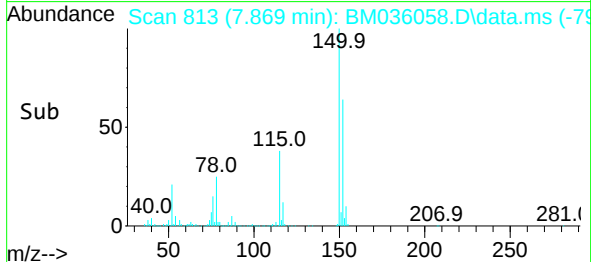
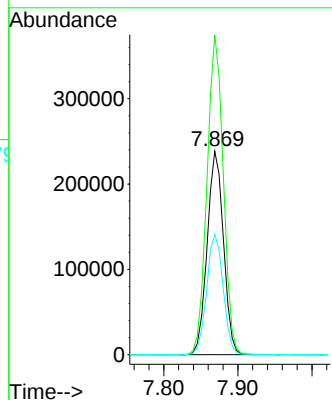
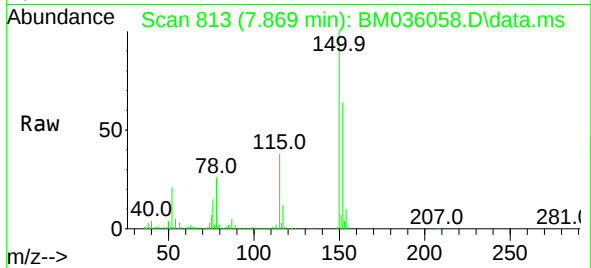




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.869 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: BM036058.D  
Acq: 02 Aug 2022 19:02

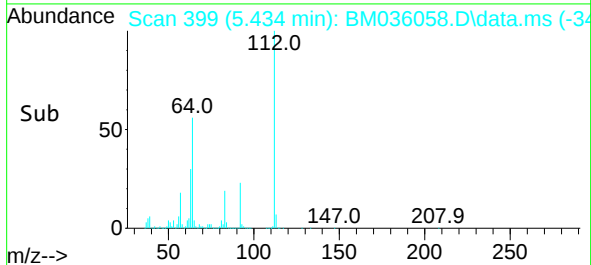
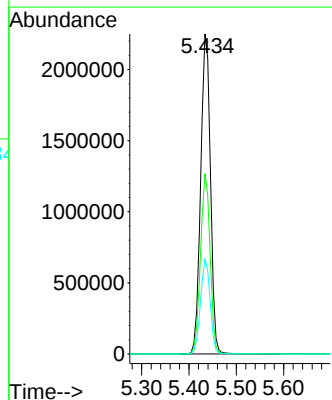
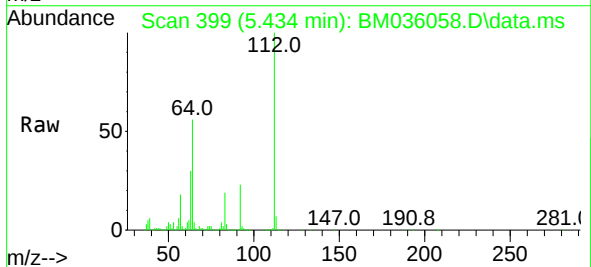
Instrument :  
BNA\_M  
ClientSampleId :  
MH-CD

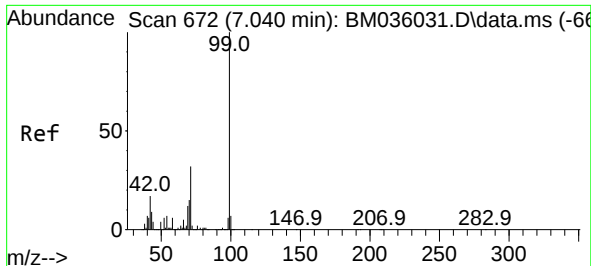
Tgt Ion:152 Resp: 364429  
Ion Ratio Lower Upper  
152 100  
150 157.2 124.9 187.3  
115 59.1 47.9 71.9



#5  
2-Fluorophenol  
Concen: 143.038 ng  
RT: 5.434 min Scan# 399  
Delta R.T. 0.006 min  
Lab File: BM036058.D  
Acq: 02 Aug 2022 19:02

Tgt Ion:112 Resp: 3215236  
Ion Ratio Lower Upper  
112 100  
64 56.4 47.8 71.6  
63 29.6 26.6 40.0

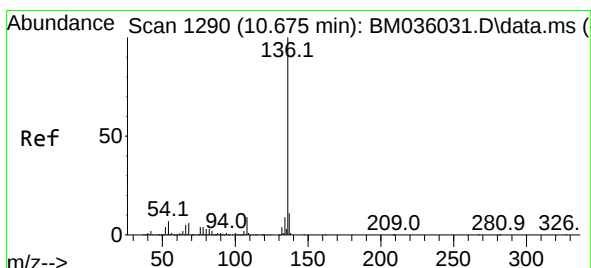
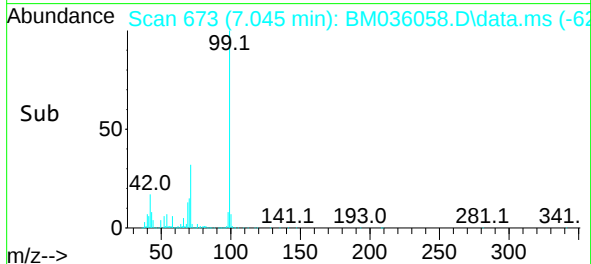
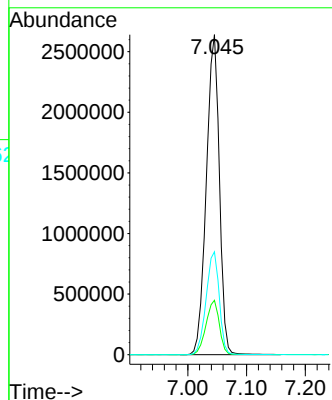
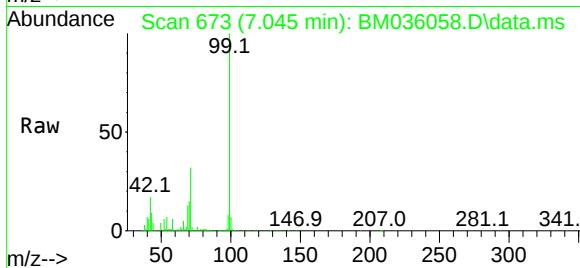




#7  
Phenol-d6  
Concen: 142.592 ng  
RT: 7.045 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BM036058.D  
Acq: 02 Aug 2022 19:02

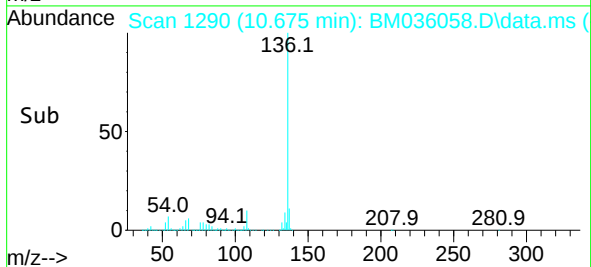
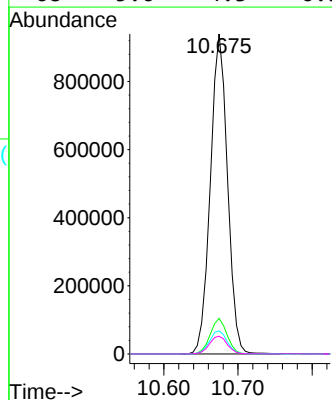
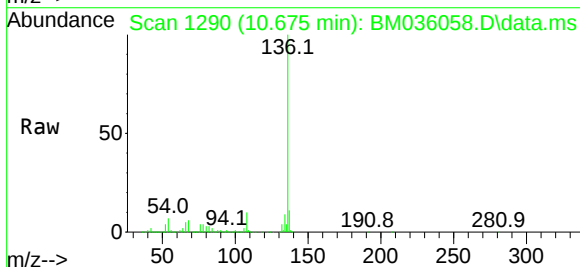
Instrument :  
BNA\_M  
ClientSampleId :  
MH-CD

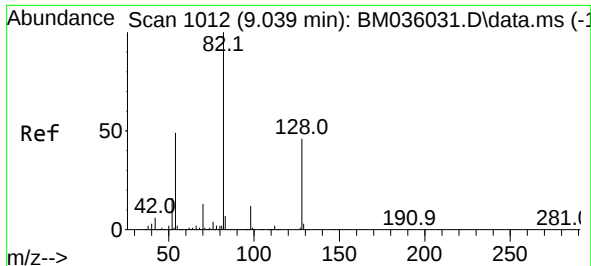
Tgt Ion: 99 Resp: 4078396  
Ion Ratio Lower Upper  
99 100  
42 17.0 18.8 28.2#  
71 32.1 30.2 45.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.675 min Scan# 1290  
Delta R.T. -0.000 min  
Lab File: BM036058.D  
Acq: 02 Aug 2022 19:02

Tgt Ion: 136 Resp: 1508814  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.9 13.3  
54 7.2 7.0 10.4  
68 5.6 4.3 6.5

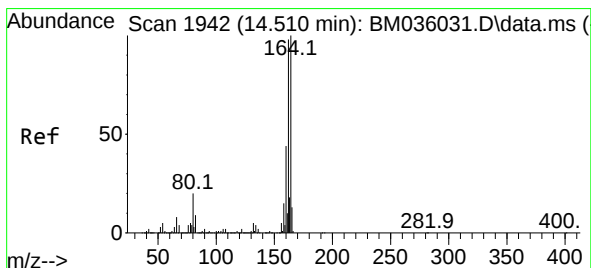
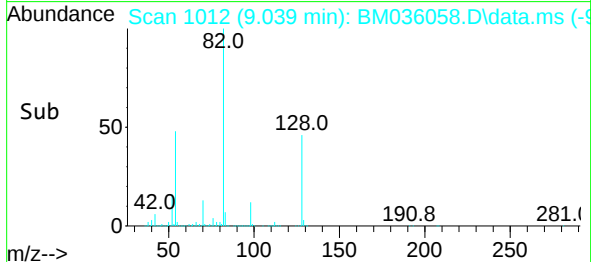
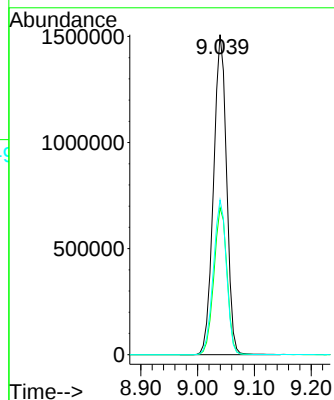
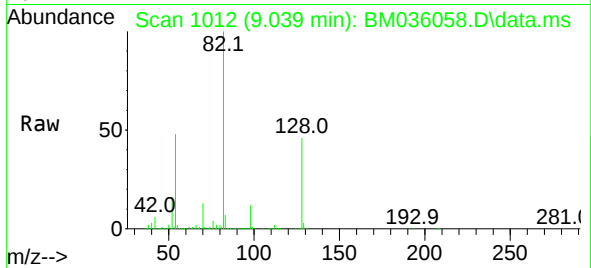




#23  
Nitrobenzene-d5  
Concen: 89.134 ng  
RT: 9.039 min Scan# 1012  
Delta R.T. -0.000 min  
Lab File: BM036058.D  
Acq: 02 Aug 2022 19:02

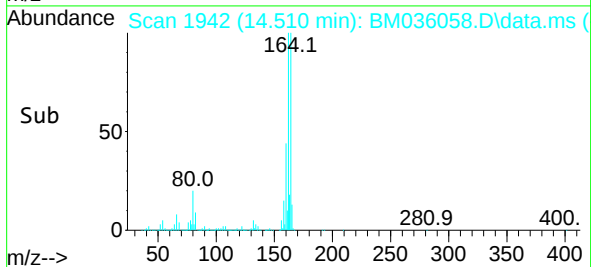
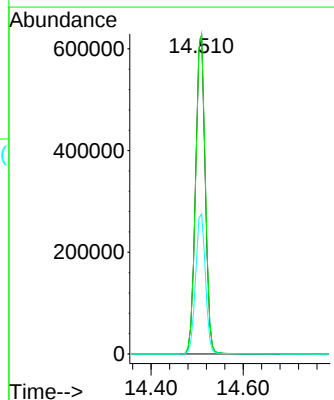
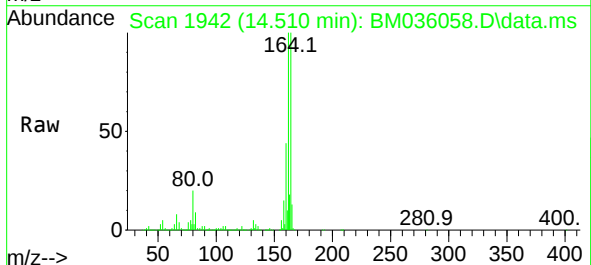
Instrument :  
BNA\_M  
ClientSampleId :  
MH-CD

Tgt Ion: 82 Resp: 2402543  
Ion Ratio Lower Upper  
82 100  
128 45.9 33.7 50.5  
54 48.4 43.2 64.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.510 min Scan# 1942  
Delta R.T. -0.000 min  
Lab File: BM036058.D  
Acq: 02 Aug 2022 19:02

Tgt Ion:164 Resp: 909172  
Ion Ratio Lower Upper  
164 100  
162 100.0 83.0 124.6  
160 43.8 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 149.341 ng

RT: 15.998 min Scan# 2195

Delta R.T. -0.000 min

Lab File: BM036058.D

Acq: 02 Aug 2022 19:02

Instrument :

BNA\_M

ClientSampleId :

MH-CD

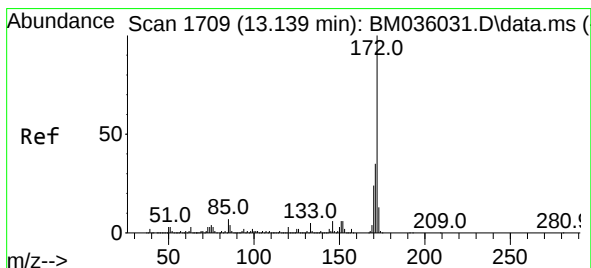
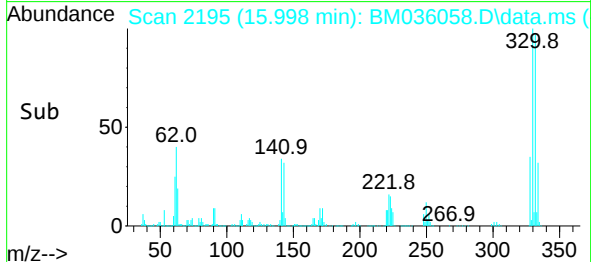
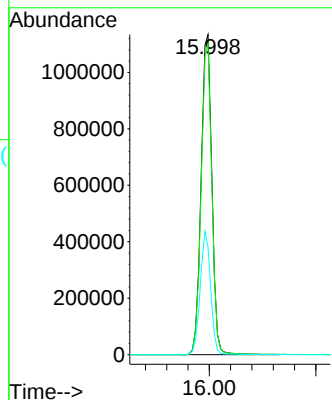
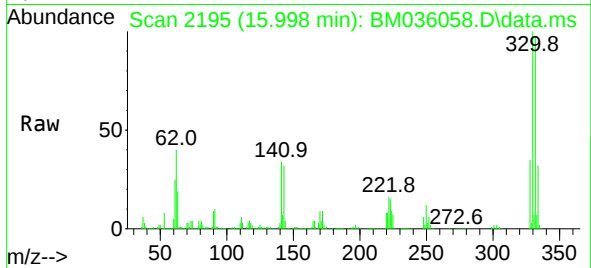
Tgt Ion:330 Resp: 1592836

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.4

141 37.3 35.3 52.9



#45

2-Fluorobiphenyl

Concen: 86.351 ng

RT: 13.139 min Scan# 1709

Delta R.T. -0.000 min

Lab File: BM036058.D

Acq: 02 Aug 2022 19:02

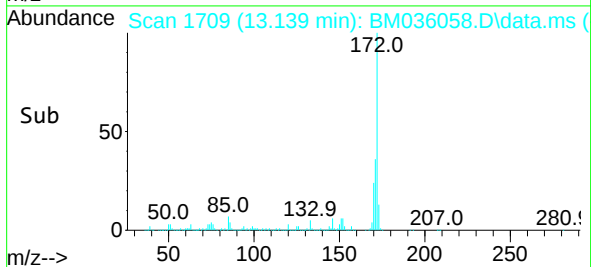
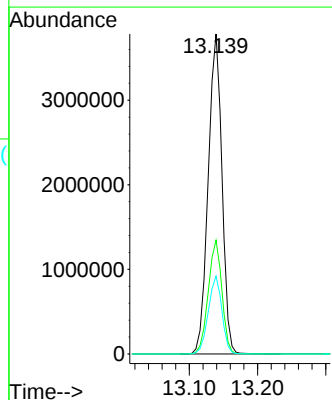
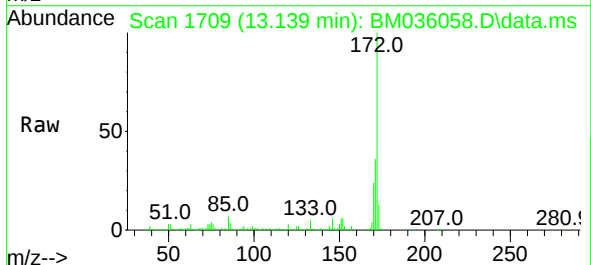
Tgt Ion:172 Resp: 5317245

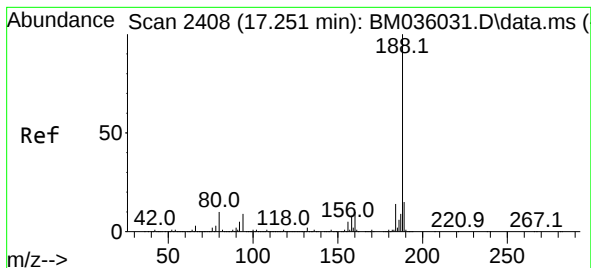
Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 24.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.245 min Scan# 2408

Delta R.T. -0.006 min

Lab File: BM036058.D

Acq: 02 Aug 2022 19:02

Instrument :

BNA\_M

ClientSampleId :

MH-CD

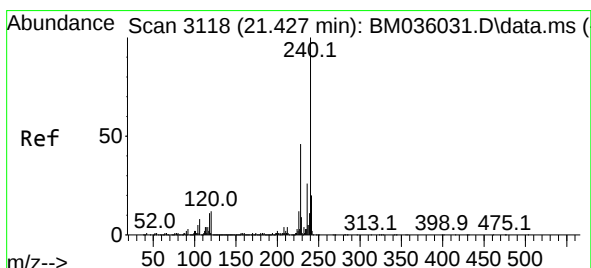
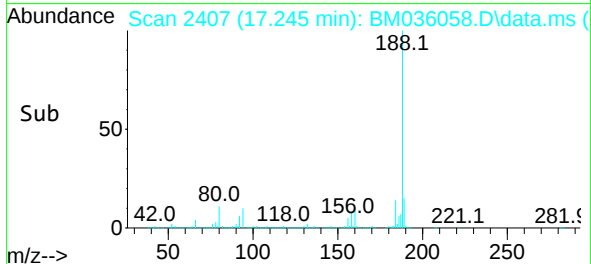
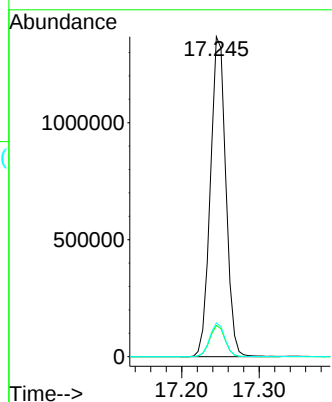
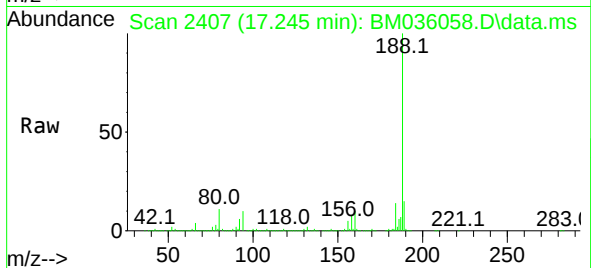
Tgt Ion:188 Resp: 1901419

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.4

80 10.5 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 3118

Delta R.T. -0.000 min

Lab File: BM036058.D

Acq: 02 Aug 2022 19:02

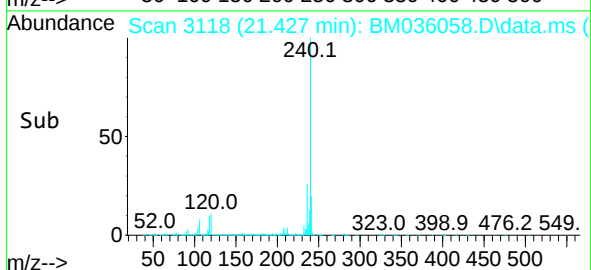
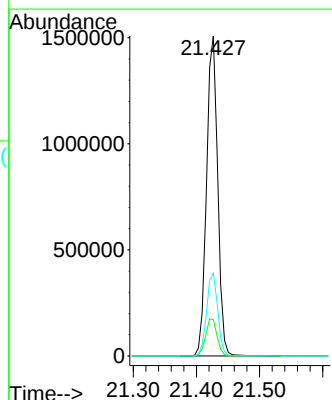
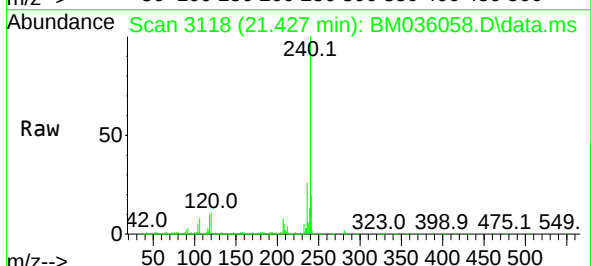
Tgt Ion:240 Resp: 1857617

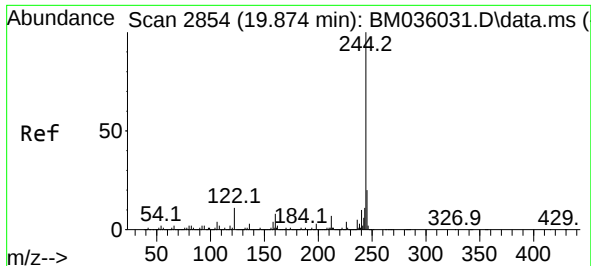
Ion Ratio Lower Upper

240 100

120 11.3 9.4 14.0

236 25.9 20.6 30.8

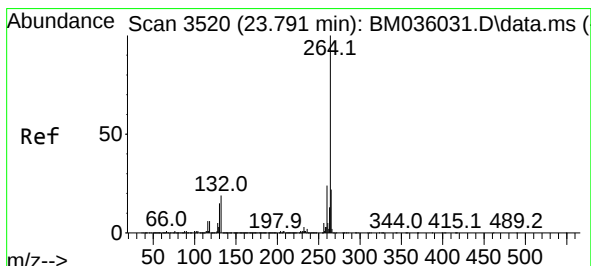
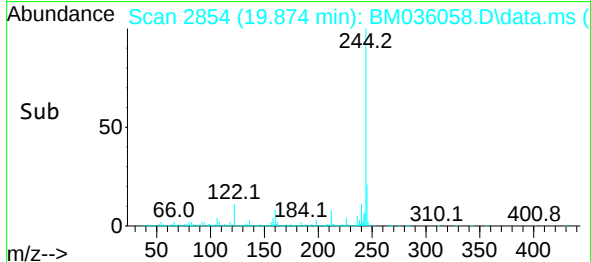
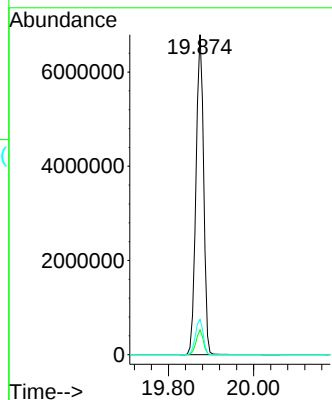
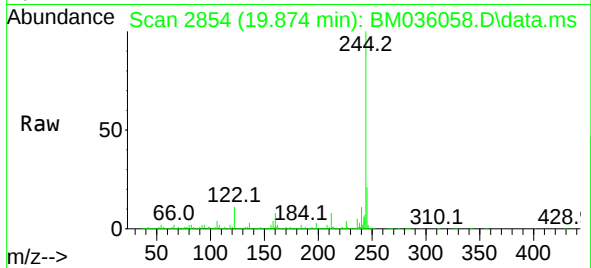




#79  
 Terphenyl-d14  
 Concen: 89.571 ng  
 RT: 19.874 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BM036058.D  
 Acq: 02 Aug 2022 19:02

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MH-CD

Tgt Ion:244 Resp: 8435675  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.2 9.4  
 122 11.1 8.3 12.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.791 min Scan# 3520  
 Delta R.T. -0.000 min  
 Lab File: BM036058.D  
 Acq: 02 Aug 2022 19:02

Tgt Ion:264 Resp: 1742747  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 18.9 28.3  
 265 21.9 17.5 26.3

