

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061323\  
 Data File : BM040217.D  
 Acq On : 13 Jun 2023 09:57  
 Operator : MA/JU  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC2.5

Quant Time: Jun 13 18:57:45 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM061323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 13 18:52:59 2023  
 Response via : Initial Calibration

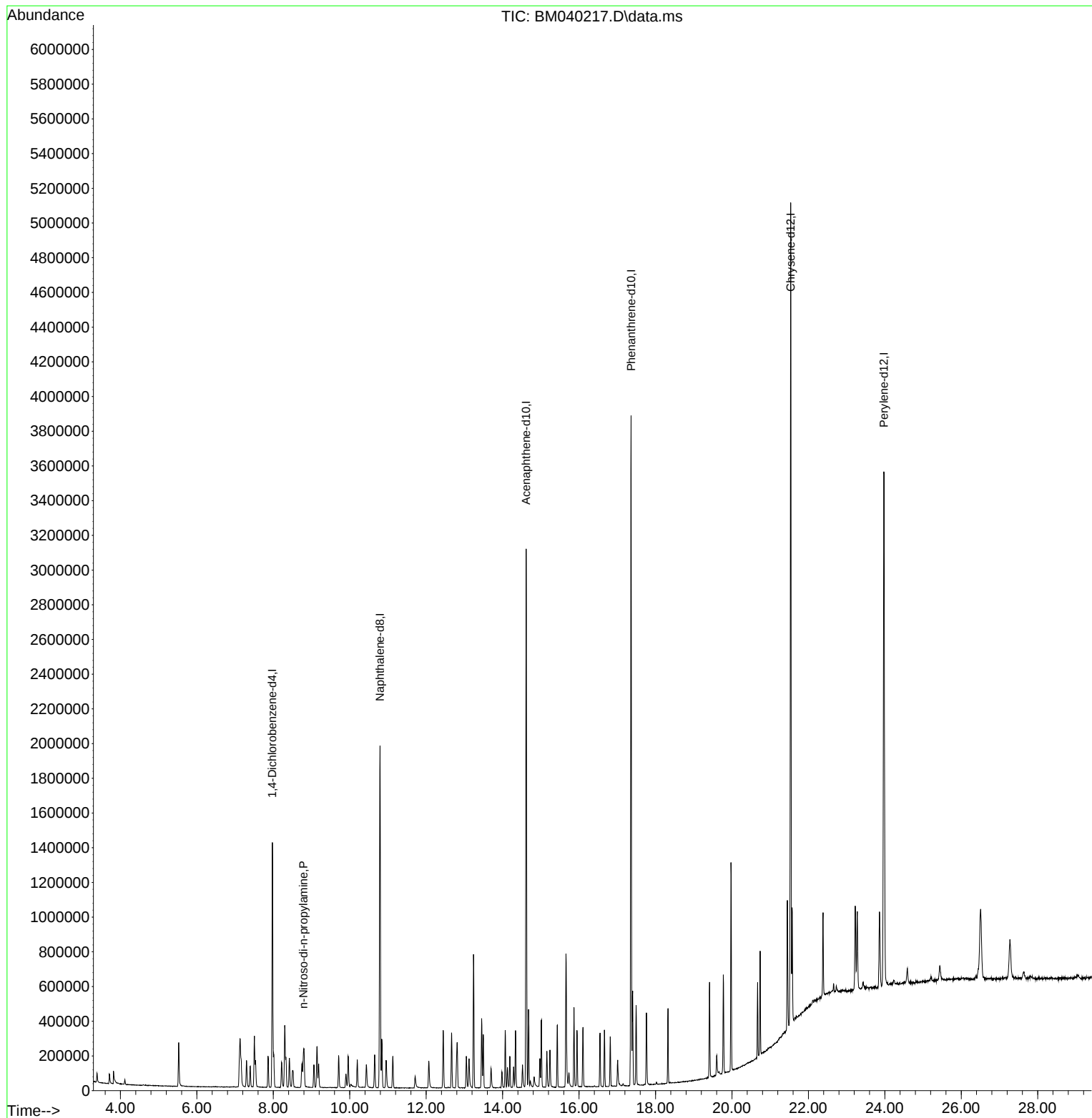
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|--------|-------|-----------|
| -----                         |        |      |          |        |       |           |
| Internal Standards            |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 7.975  | 152  | 358107   | 20.000 | ng    | 0.00      |
| 21) Naphthalene-d8            | 10.792 | 136  | 1558048  | 20.000 | ng    | 0.00      |
| 39) Acenaphthene-d10          | 14.615 | 164  | 975598   | 20.000 | ng    | 0.00      |
| 64) Phenanthrene-d10          | 17.362 | 188  | 2152414  | 20.000 | ng    | 0.00      |
| 76) Chrysene-d12              | 21.538 | 240  | 1948291  | 20.000 | ng    | 0.00      |
| 86) Perylene-d12              | 23.974 | 264  | 2147093  | 20.000 | ng    | 0.00      |
| System Monitoring Compounds   |        |      |          |        |       |           |
| 5) 2-Fluorophenol             | 0.000  | 112  | 0d       | 0.000  | ng    |           |
| 7) Phenol-d6                  | 0.000  | 99   | 0d       | 0.000  | ng    |           |
| 23) Nitrobenzene-d5           | 0.000  | 82   | 0d       | 0.000  | ng    |           |
| 42) 2,4,6-Tribromophenol      | 0.000  | 330  | 0d       | 0.000  | ng    |           |
| 45) 2-Fluorobiphenyl          | 0.000  | 172  | 0d       | 0.000  | ng    |           |
| 79) Terphenyl-d14             | 0.000  | 244  | 0d       | 0.000  | ng    |           |
| Target Compounds              |        |      |          |        |       |           |
| 19) n-Nitroso-di-n-propyla... | 8.786  | 70   | 48856    | 2.310  | ng    | Qvalue 98 |
| -----                         |        |      |          |        |       |           |

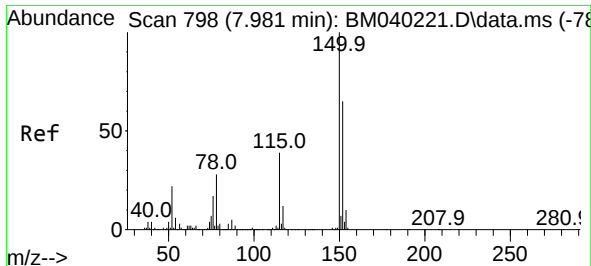
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 2 Sample Multiplier: 1

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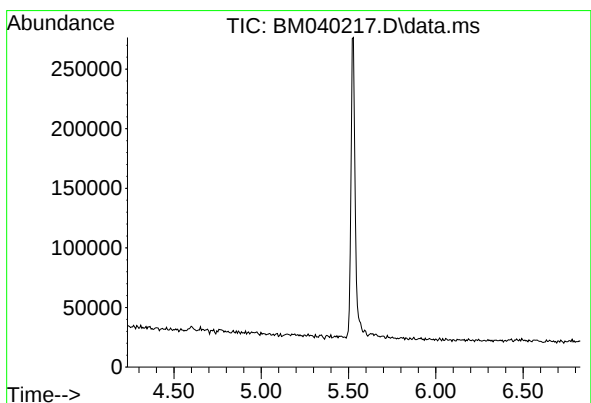
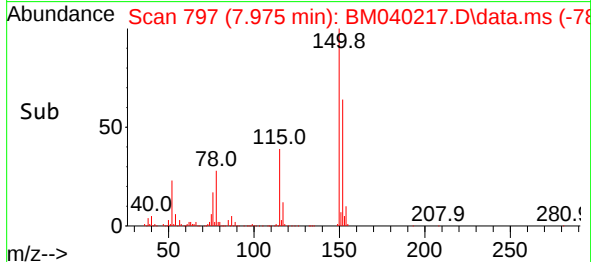
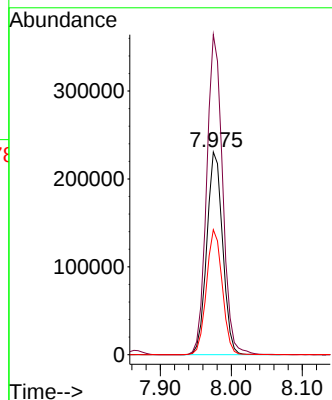
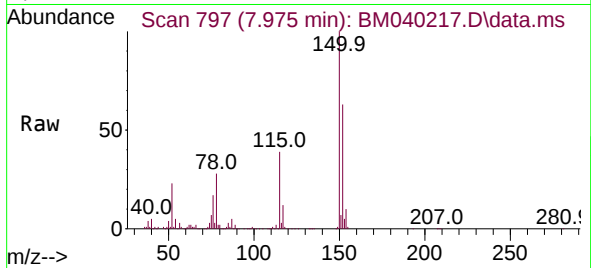




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.975 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: BM040217.D  
Acq: 13 Jun 2023 09:57

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC2.5

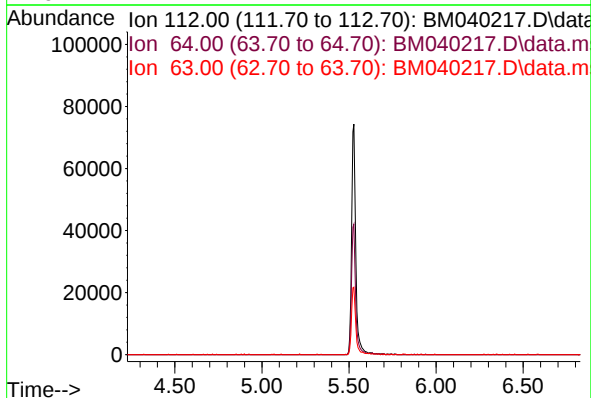
Tgt Ion:152 Resp: 358107  
Ion Ratio Lower Upper  
152 100  
150 157.8 122.5 183.7  
115 61.7 47.9 71.9

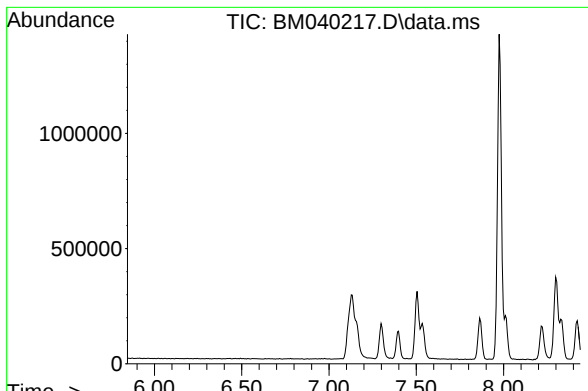


#5  
2-Fluorophenol  
Concen: 0.000 ng  
Expected RT: 5.53 min

Lab File: BM040217.D  
Acq: 13 Jun 2023 09:57

Tgt Ion: 112  
Sig Exp Ratio  
112 100  
64 56.5  
63 30.3



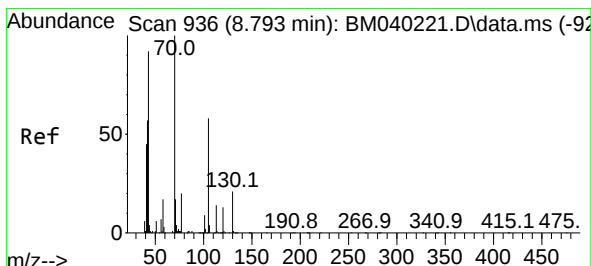
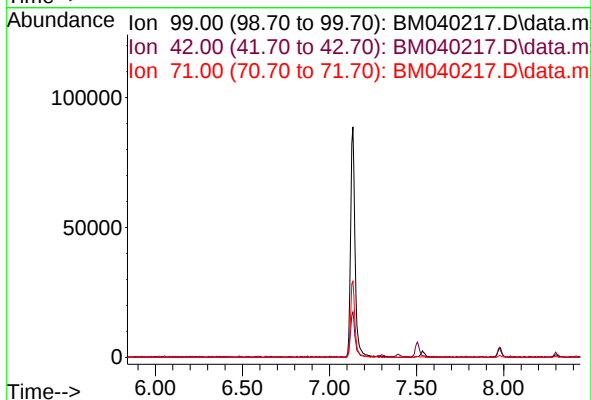


#7  
 Phenol-d6  
 Concen: 0.000 ng  
 Expected RT: 7.14 min  
 Lab File: BM040217.D  
 Acq: 13 Jun 2023 09:57

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC2.5

Tgt Ion: 99  

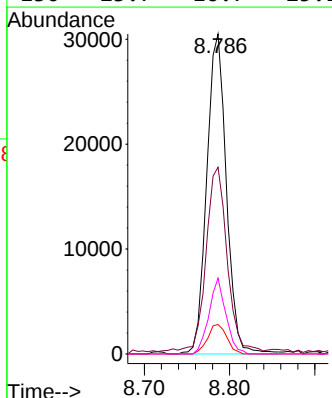
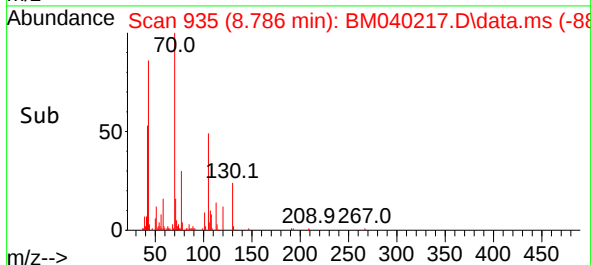
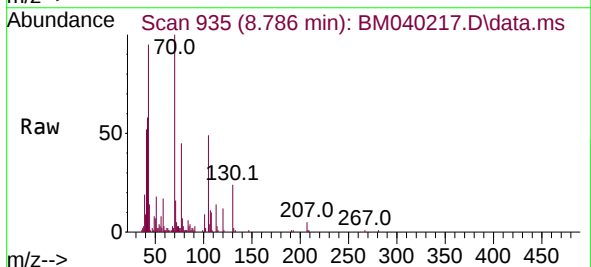
| Sig | Exp Ratio |
|-----|-----------|
| 99  | 100       |
| 42  | 18.1      |
| 71  | 33.6      |

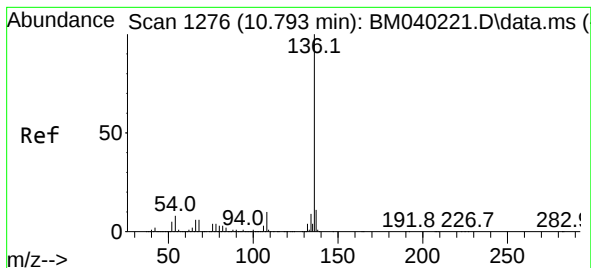


#19  
 n-Nitroso-di-n-propylamine  
 Concen: 2.310 ng  
 RT: 8.786 min Scan# 935  
 Delta R.T. -0.006 min  
 Lab File: BM040217.D  
 Acq: 13 Jun 2023 09:57

Tgt Ion: 70 Resp: 48856  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 58.3  | 46.2  | 69.4  |
| 101 | 9.2   | 7.4   | 11.0  |
| 130 | 23.7  | 16.7  | 25.1  |



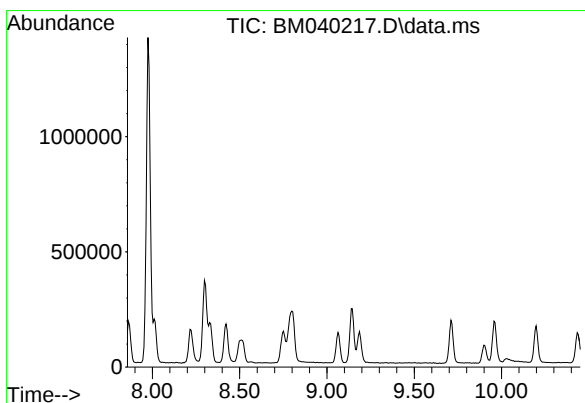
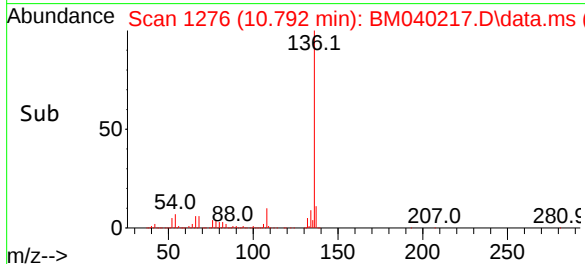
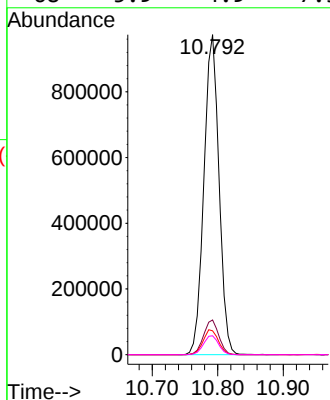
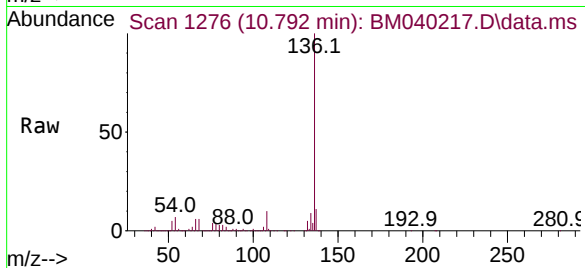


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.792 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BM040217.D  
Acq: 13 Jun 2023 09:57

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC2.5

Tgt Ion:136 Resp: 1558048

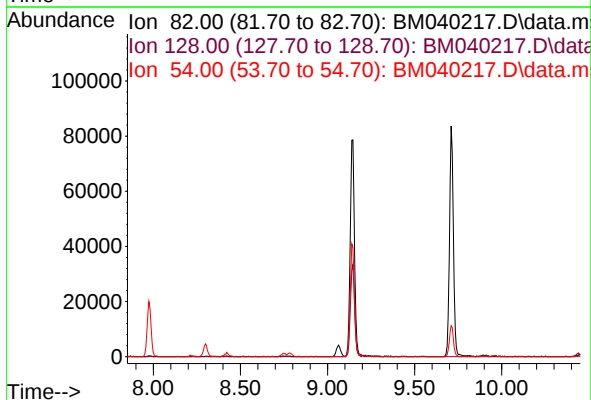
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 9.0   | 13.4  |
| 54  | 7.4   | 6.2   | 9.4   |
| 68  | 5.9   | 4.9   | 7.3   |

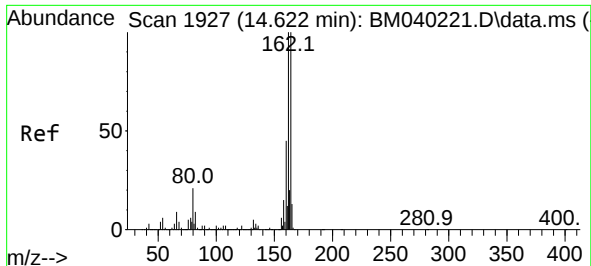


#23  
Nitrobenzene-d5  
Concen: 0.000 ng  
Expected RT: 9.15 min

Lab File: BM040217.D  
Acq: 13 Jun 2023 09:57

|          |           |
|----------|-----------|
| Tgt Ion: | 82        |
| Sig      | Exp Ratio |
| 82       | 100       |
| 128      | 44.1      |
| 54       | 49.4      |

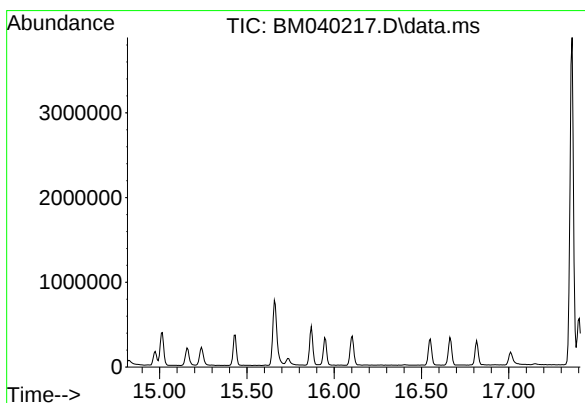
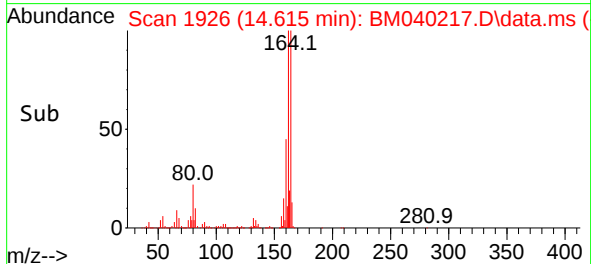
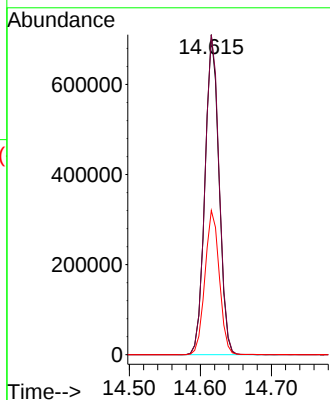
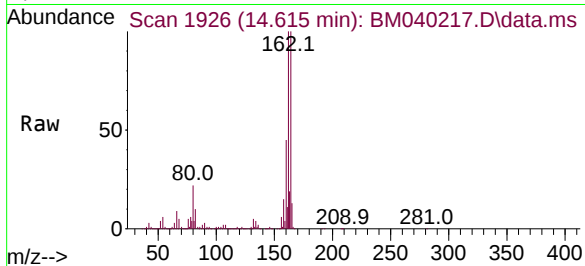




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.615 min Scan# 14  
Delta R.T. -0.006 min  
Lab File: BM040217.D  
Acq: 13 Jun 2023 09:57

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC2.5

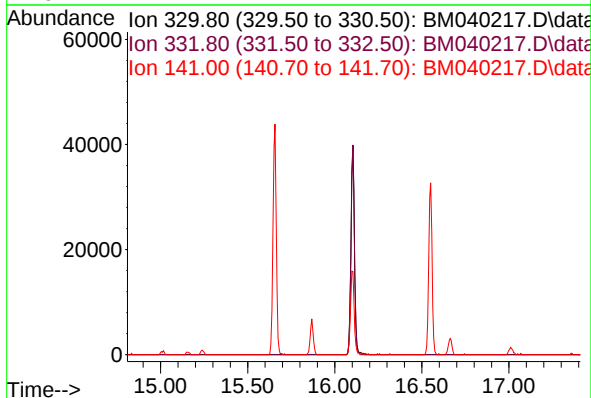
Tgt Ion:164 Resp: 975598  
Ion Ratio Lower Upper  
164 100  
162 100.0 79.9 119.9  
160 45.0 36.2 54.2

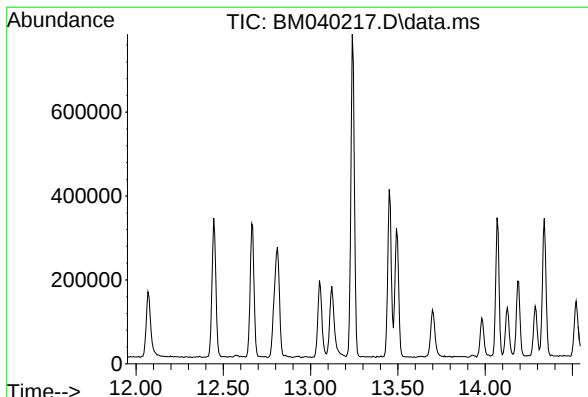


#42  
2,4,6-Tribromophenol  
Concen: 0.000 ng  
Expected RT: 16.11 min

Lab File: BM040217.D  
Acq: 13 Jun 2023 09:57

Tgt Ion: 330  
Sig Exp Ratio  
330 100  
332 96.9  
141 37.5

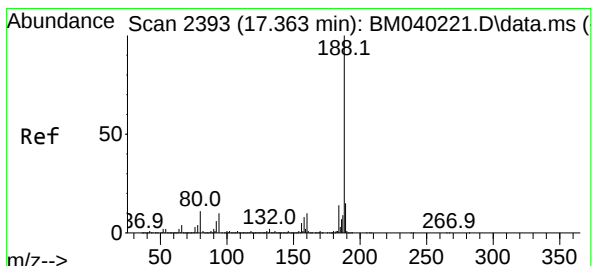
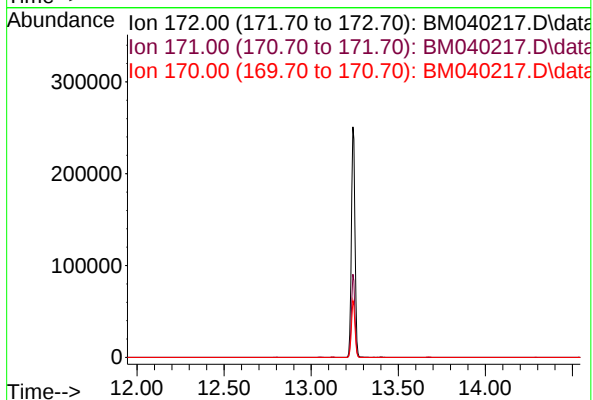




#45  
 2-Fluorobiphenyl  
 Concen: 0.000 ng  
 Expected RT: 13.25 min  
 Lab File: BM040217.D  
 Acq: 13 Jun 2023 09:57

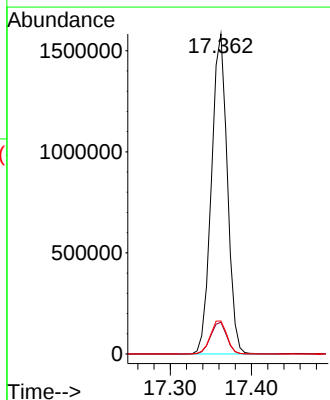
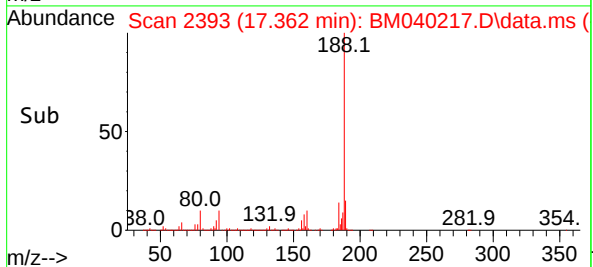
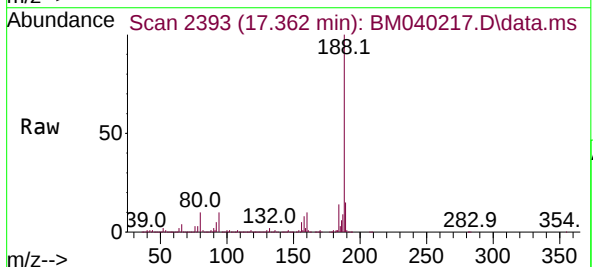
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC2.5

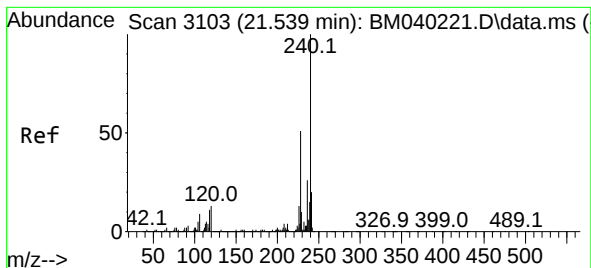
Tgt Ion: 172  
 Sig Exp Ratio  
 172 100  
 171 35.6  
 170 24.4



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.362 min Scan# 2393  
 Delta R.T. -0.000 min  
 Lab File: BM040217.D  
 Acq: 13 Jun 2023 09:57

Tgt Ion: 188 Resp: 2152414  
 Ion Ratio Lower Upper  
 188 100  
 94 9.9 7.8 11.6  
 80 10.3 8.6 12.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.538 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM040217.D

Acq: 13 Jun 2023 09:57

Instrument :

BNA\_M

ClientSampleId :

SSTDICC2.5

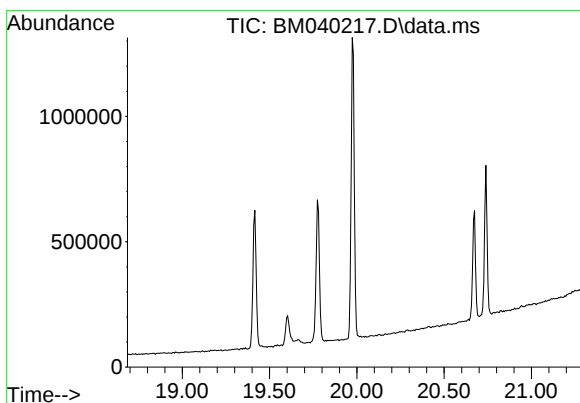
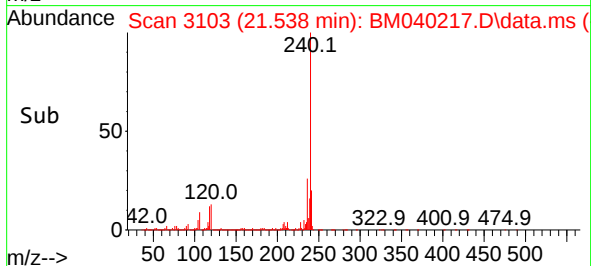
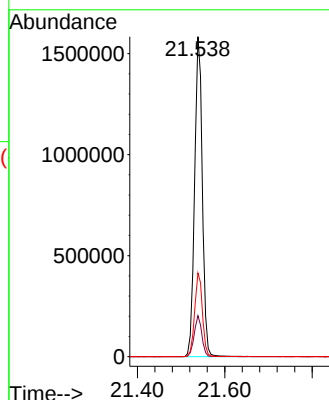
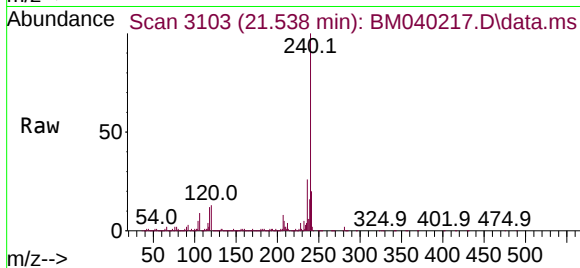
Tgt Ion:240 Resp: 1948291

Ion Ratio Lower Upper

240 100

120 12.8 10.1 15.1

236 26.2 21.0 31.4



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 19.98 min

Lab File: BM040217.D

Acq: 13 Jun 2023 09:57

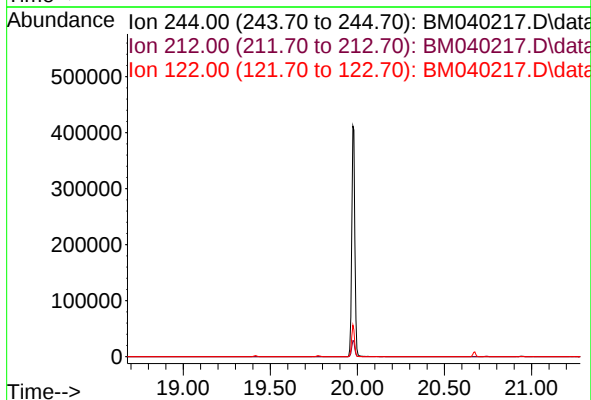
Tgt Ion: 244

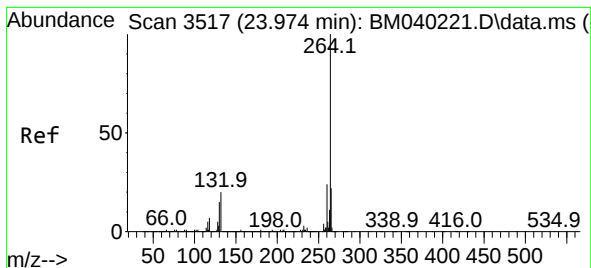
Sig Exp Ratio

244 100

212 7.5

122 11.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.974 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM040217.D

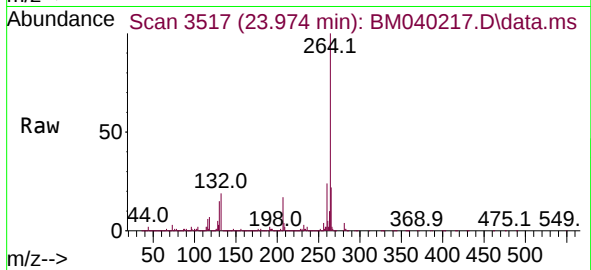
Acq: 13 Jun 2023 09:57

Instrument :

BNA\_M

ClientSampleId :

SSTDICC2.5



Tgt Ion:264 Resp: 2147093

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 22.2 17.5 26.3

