

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM052323\  
 Data File : BM039965.D  
 Acq On : 23 May 2023 10:01  
 Operator : CG/JU  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC2.5

Quant Time: May 23 23:44:15 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM052323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 23 23:38:54 2023  
 Response via : Initial Calibration

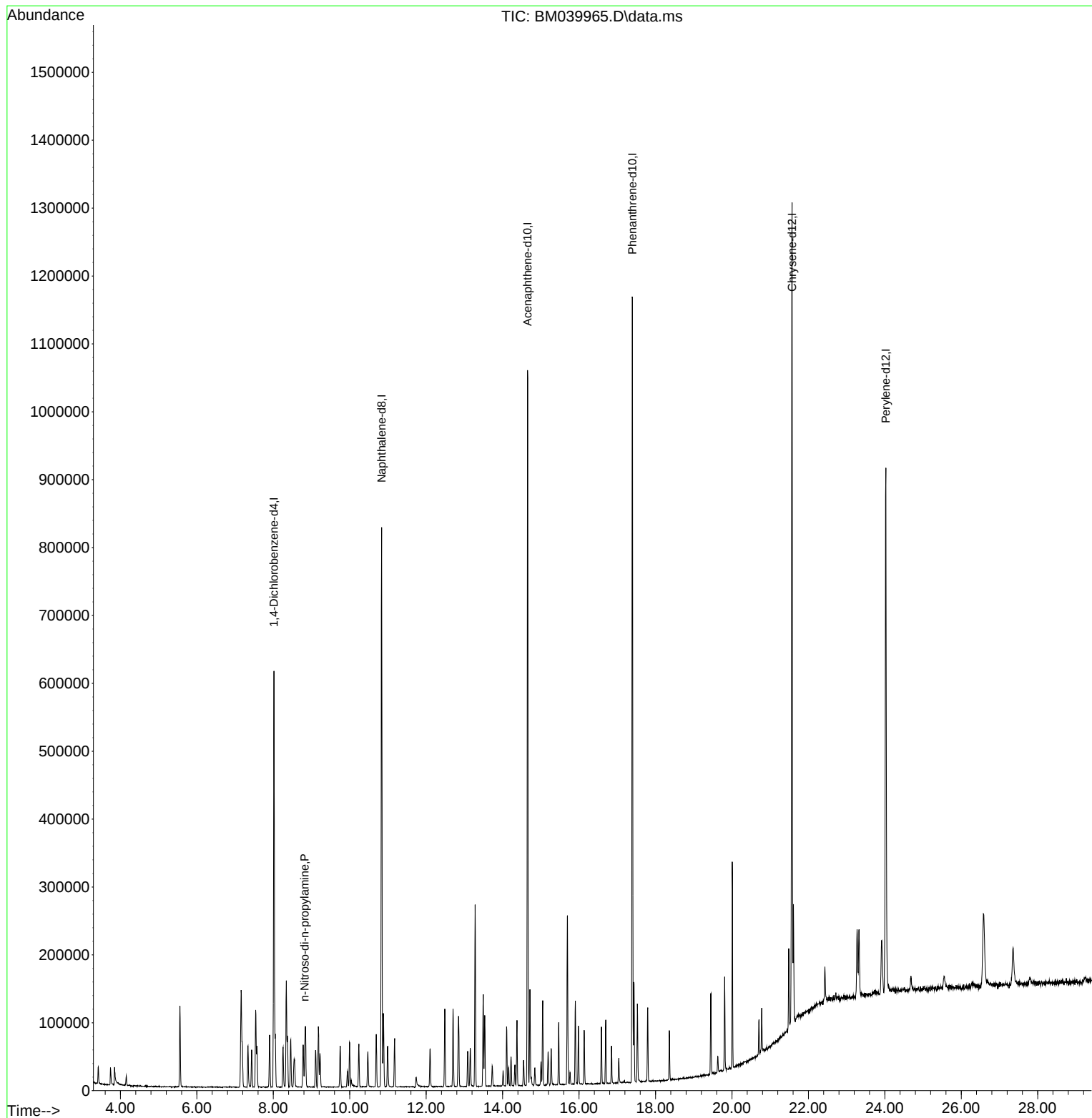
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min)    |
|-------------------------------|--------|------|----------|--------|-------|-------------|
| -----                         |        |      |          |        |       |             |
| Internal Standards            |        |      |          |        |       |             |
| 1) 1,4-Dichlorobenzene-d4     | 8.016  | 152  | 154662   | 20.000 | ng    | 0.00        |
| 21) Naphthalene-d8            | 10.833 | 136  | 632102   | 20.000 | ng    | 0.00        |
| 39) Acenaphthene-d10          | 14.651 | 164  | 327321   | 20.000 | ng    | 0.00        |
| 64) Phenanthrene-d10          | 17.398 | 188  | 628233   | 20.000 | ng    | 0.00        |
| 76) Chrysene-d12              | 21.574 | 240  | 485717   | 20.000 | ng    | 0.00        |
| 86) Perylene-d12              | 24.027 | 264  | 511829   | 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... | 8.822  | 70   | 16364    | 2.148  | ng    | Qvalue # 97 |
| -----                         |        |      |          |        |       |             |

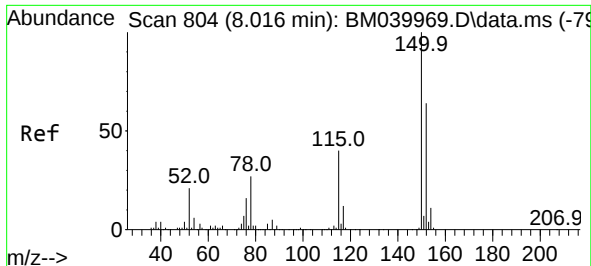
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM052323\  
Data File : BM039965.D  
Acq On : 23 May 2023 10:01  
Operator : CG/JU  
Sample : SSTDICC2.5  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC2.5

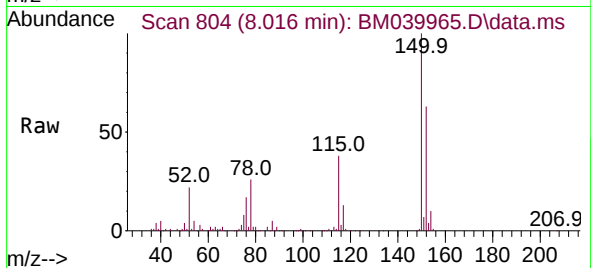
Quant Time: May 23 23:44:15 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM052323.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 23 23:38:54 2023  
Response via : Initial Calibration



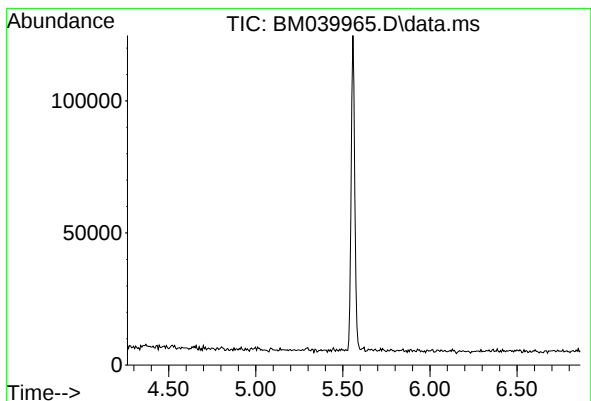
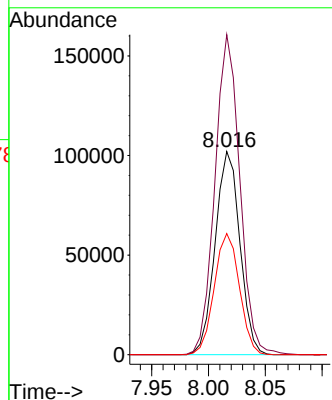
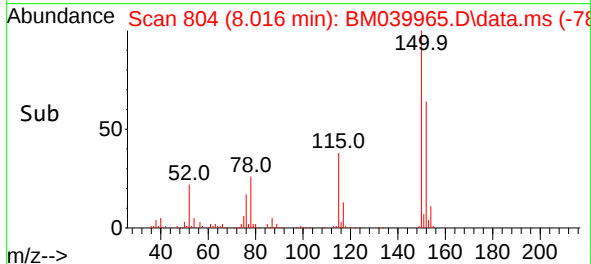


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.016 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: BM039965.D  
Acq: 23 May 2023 10:01

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC2.5



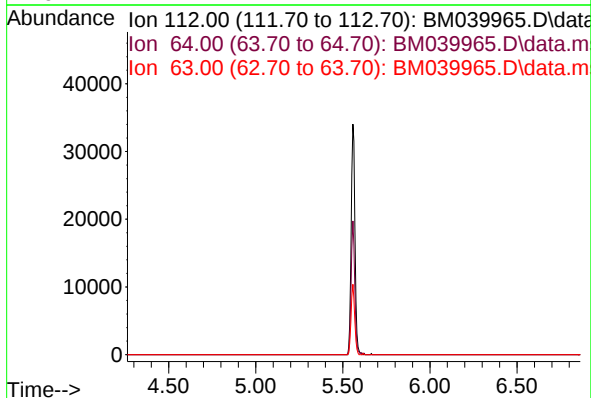
Tgt Ion:152 Resp: 154662  
Ion Ratio Lower Upper  
152 100  
150 157.5 125.5 188.3  
115 59.6 50.2 75.2

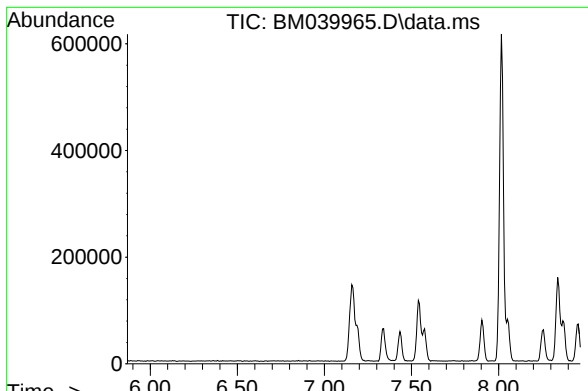


#5  
2-Fluorophenol  
Concen: 0.000 ng  
Expected RT: 5.56 min

Lab File: BM039965.D  
Acq: 23 May 2023 10:01

Tgt Ion: 112  
Sig Exp Ratio  
112 100  
64 53.7  
63 28.6



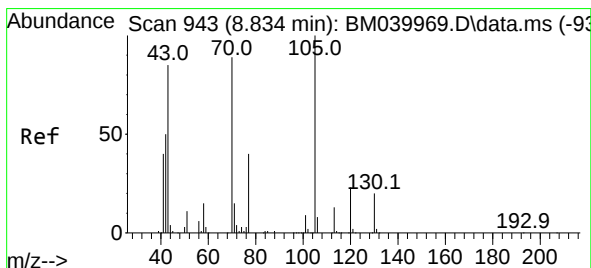
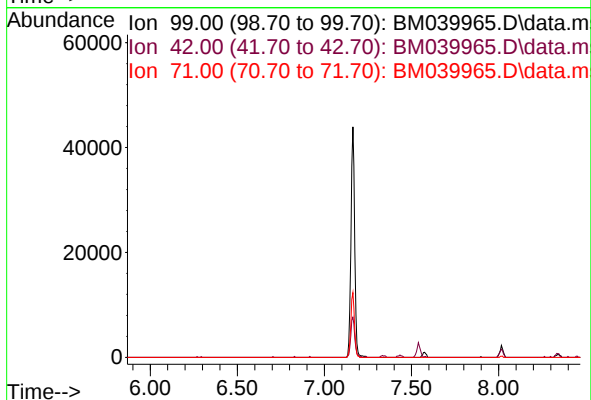


#7  
 Phenol-d6  
 Concen: 0.000 ng  
 Expected RT: 7.17 min  
 Lab File: BM039965.D  
 Acq: 23 May 2023 10:01

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC2.5

Tgt Ion: 99  

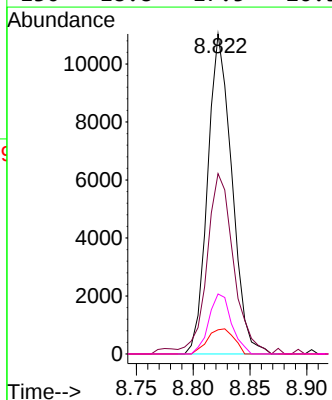
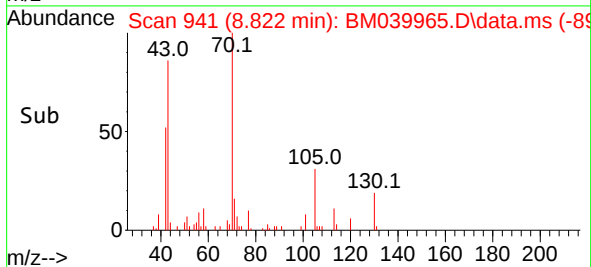
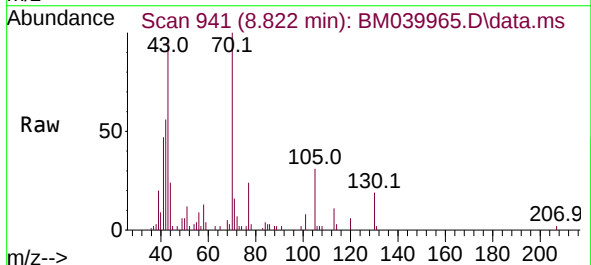
| Sig | Exp Ratio |
|-----|-----------|
| 99  | 100       |
| 42  | 17.2      |
| 71  | 30.5      |

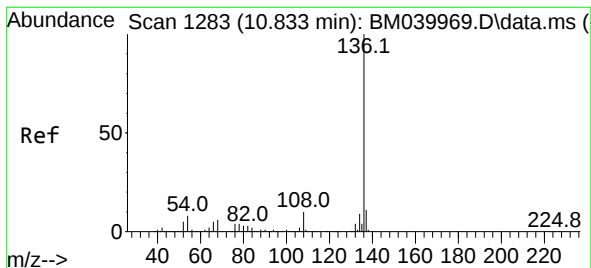


#19  
 n-Nitroso-di-n-propylamine  
 Concen: 2.148 ng  
 RT: 8.822 min Scan# 941  
 Delta R.T. -0.012 min  
 Lab File: BM039965.D  
 Acq: 23 May 2023 10:01

Tgt Ion: 70 Resp: 16364  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 56.4  | 45.6  | 68.4  |
| 101 | 7.5   | 7.7   | 11.5  |
| 130 | 18.8  | 17.5  | 26.3  |

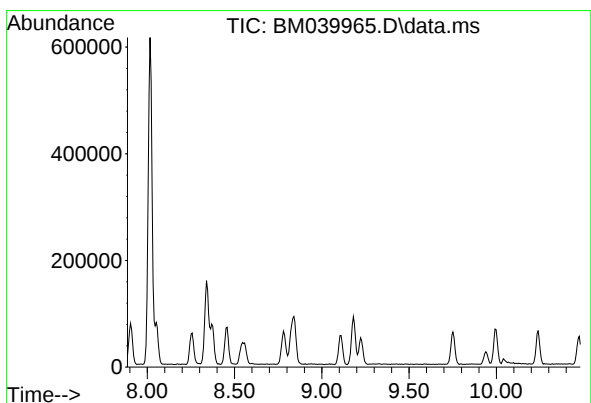
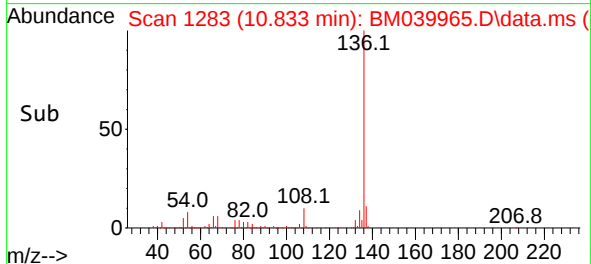
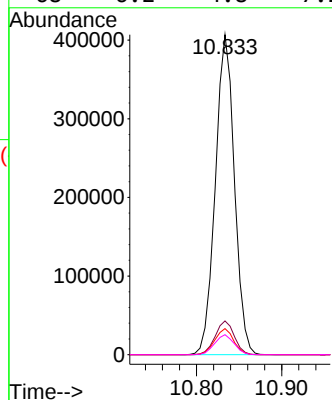
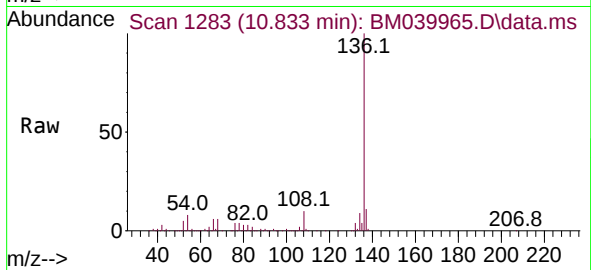




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.833 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BM039965.D  
Acq: 23 May 2023 10:01

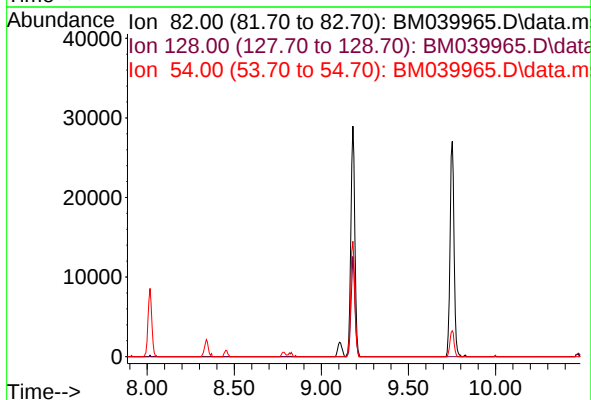
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC2.5

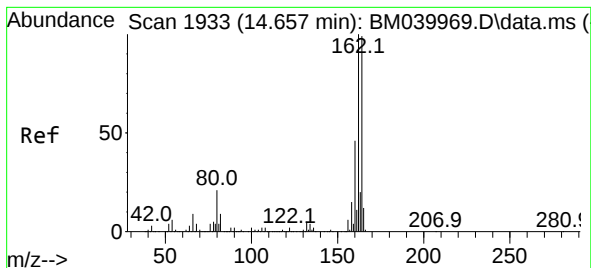
Tgt Ion:136 Resp: 632102  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.7 13.1  
54 8.1 6.1 9.1  
68 6.2 4.8 7.2



#23  
Nitrobenzene-d5  
Concen: 0.000 ng  
Expected RT: 9.19 min  
  
Lab File: BM039965.D  
Acq: 23 May 2023 10:01

Tgt Ion: 82  
Sig Exp Ratio  
82 100  
128 45.6  
54 47.9

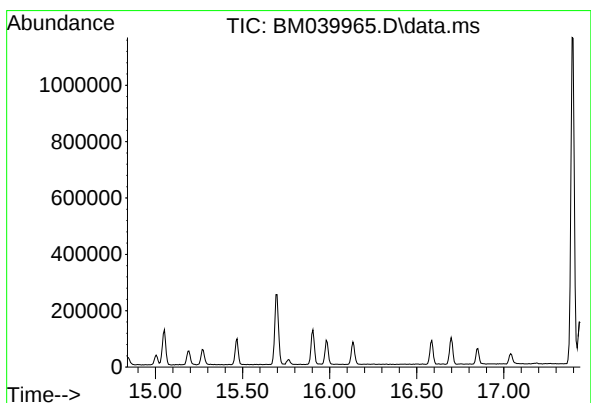
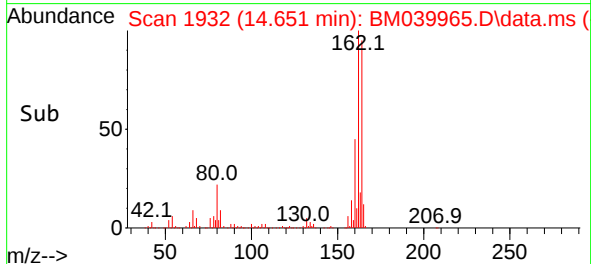
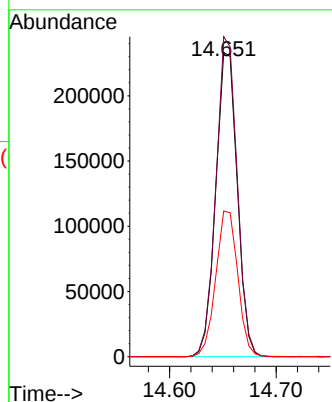
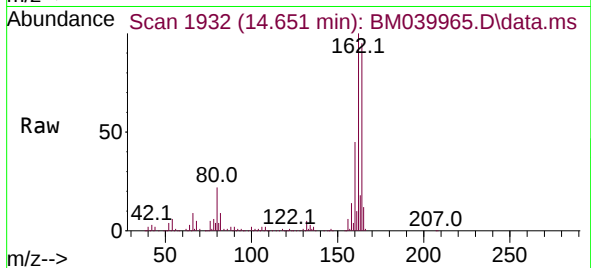




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.651 min Scan# 14  
Delta R.T. -0.006 min  
Lab File: BM039965.D  
Acq: 23 May 2023 10:01

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC2.5

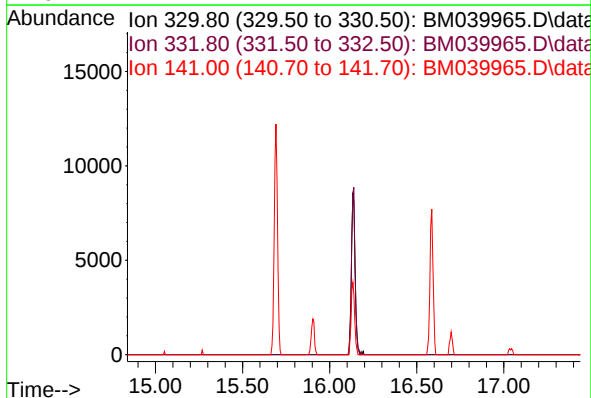
Tgt Ion:164 Resp: 327321  
Ion Ratio Lower Upper  
164 100  
162 105.1 80.6 120.8  
160 47.8 36.7 55.1

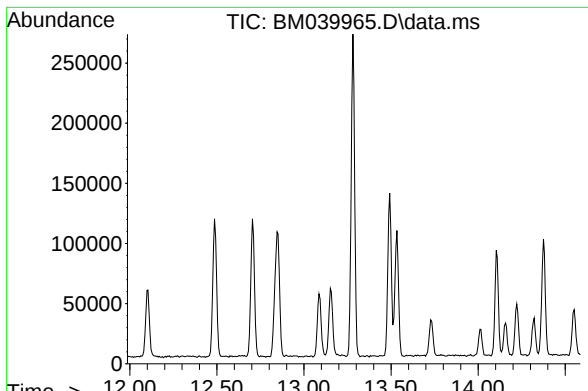


#42  
2,4,6-Tribromophenol  
Concen: 0.000 ng  
Expected RT: 16.14 min

Lab File: BM039965.D  
Acq: 23 May 2023 10:01

Tgt Ion: 330  
Sig Exp Ratio  
330 100  
332 96.8  
141 39.5

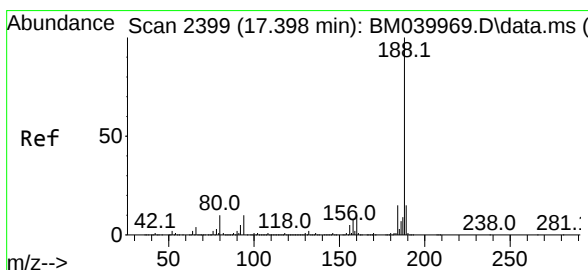
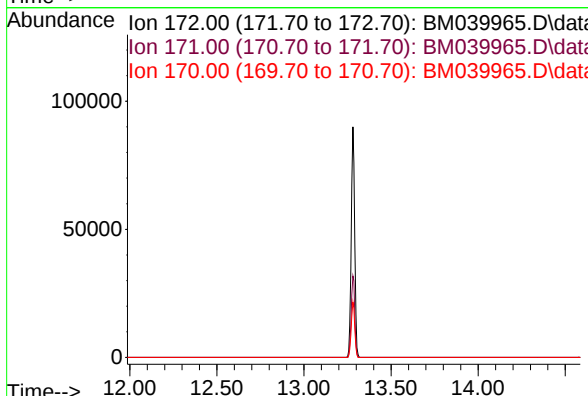




#45  
 2-Fluorobiphenyl  
 Concen: 0.000 ng  
 Expected RT: 13.29 min  
 Lab File: BM039965.D  
 Acq: 23 May 2023 10:01

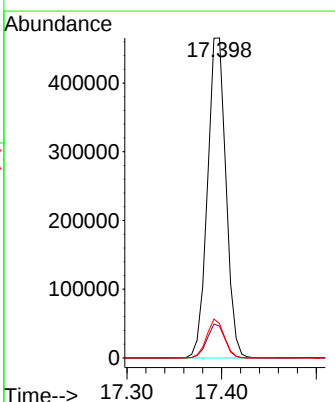
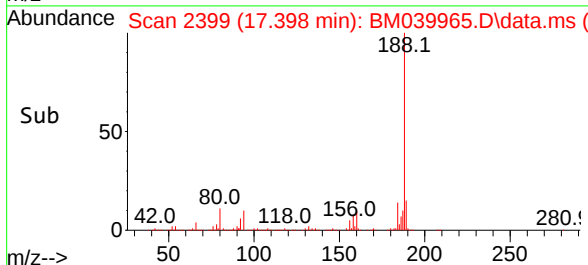
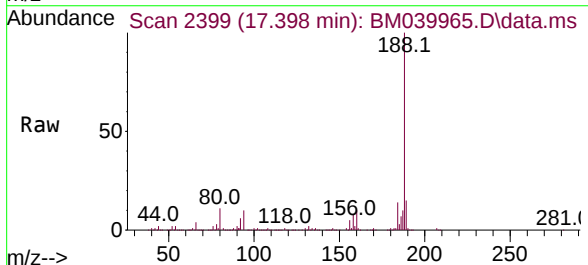
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC2.5

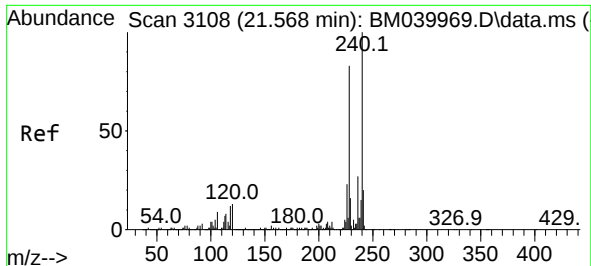
Tgt Ion: 172  
 Sig Exp Ratio  
 172 100  
 171 36.0  
 170 24.5



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.398 min Scan# 2399  
 Delta R.T. 0.000 min  
 Lab File: BM039965.D  
 Acq: 23 May 2023 10:01

Tgt Ion: 188 Resp: 628233  
 Ion Ratio Lower Upper  
 188 100  
 94 9.9 7.8 11.8  
 80 10.7 8.2 12.4

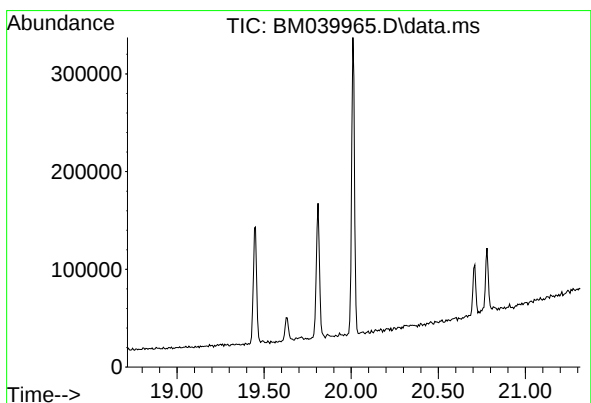
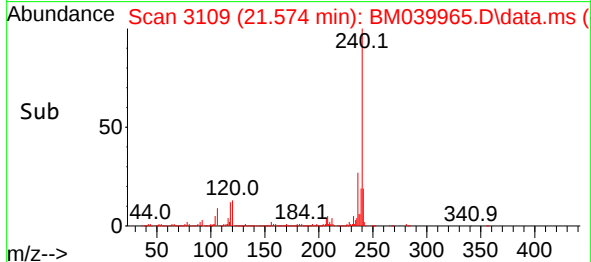
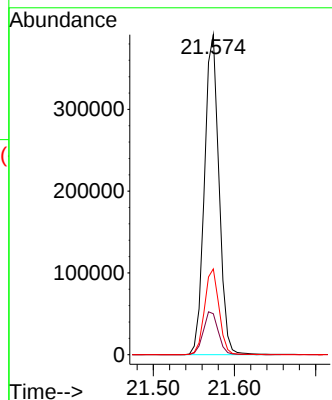
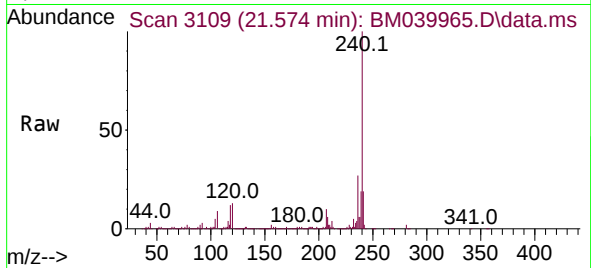




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.574 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: BM039965.D  
Acq: 23 May 2023 10:01

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC2.5

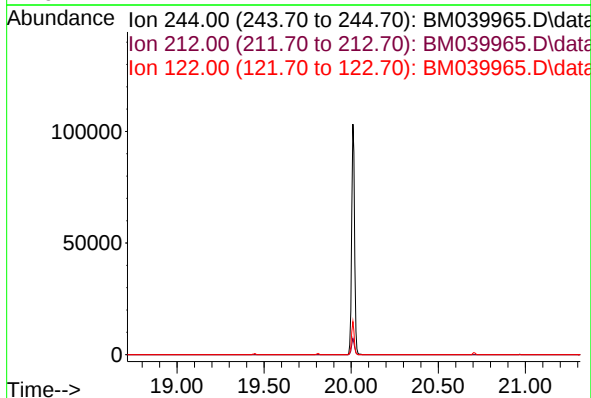
Tgt Ion:240 Resp: 485717  
Ion Ratio Lower Upper  
240 100  
120 12.8 10.1 15.1  
236 26.8 21.3 31.9

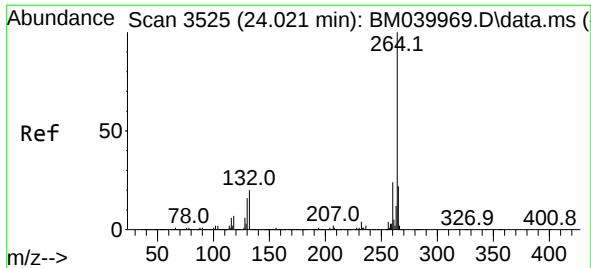


#79  
Terphenyl-d14  
Concen: 0.000 ng  
Expected RT: 20.02 min

Lab File: BM039965.D  
Acq: 23 May 2023 10:01

Tgt Ion: 244  
Sig Exp Ratio  
244 100  
212 6.7  
122 8.9





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.027 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: BM039965.D  
Acq: 23 May 2023 10:01

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC2.5

Tgt Ion:264 Resp: 511829  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.8  | 19.5  | 29.3  |
| 265 | 21.0  | 17.7  | 26.5  |

