

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082024\  
 Data File : BF139078.D  
 Acq On : 20 Aug 2024 17:10  
 Operator : RC/JU  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Quant Time: Aug 21 00:37:44 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 21 00:32:15 2024  
 Response via : Initial Calibration

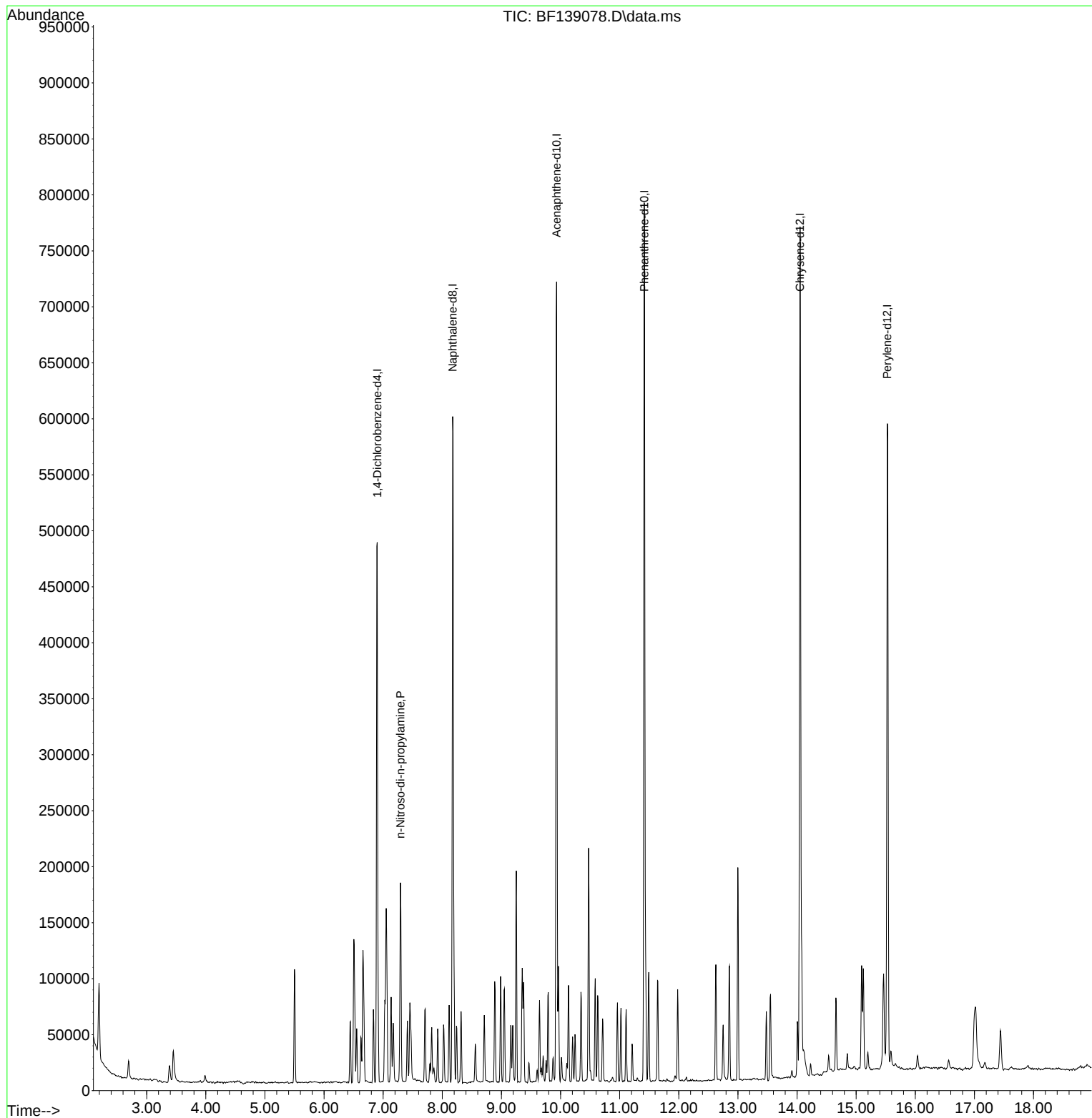
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.898  | 152  | 93394    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.175  | 136  | 338986   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.934  | 164  | 207701   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 394517   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.051 | 240  | 299691   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.527 | 264  | 334467   | 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              |        |      |          |        |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.292  | 70   | 15737    | 3.208  | ng    | 94       |
| -----                         |        |      |          |        |       |          |

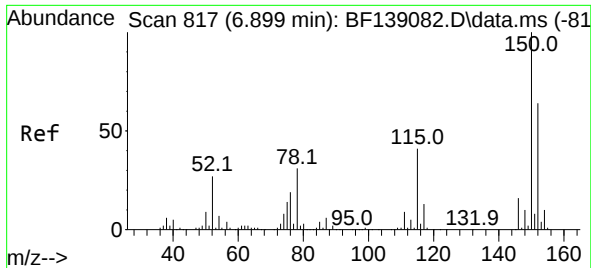
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 2 Sample Multiplier: 1

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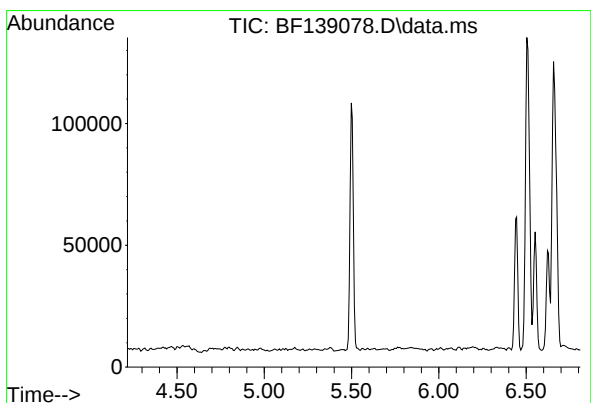
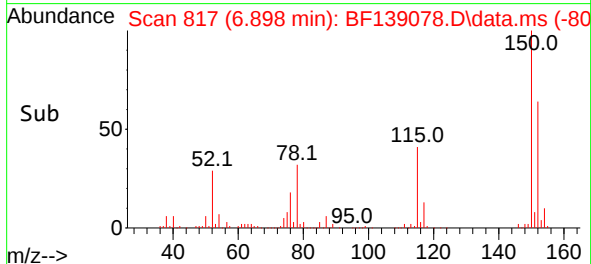
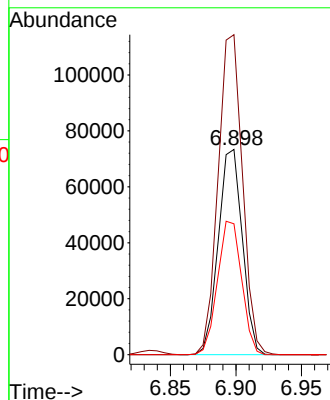
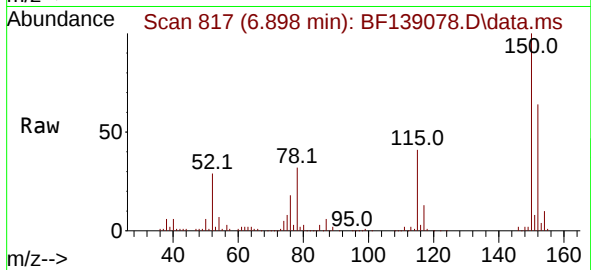




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.898 min Scan# 81  
 Delta R.T. -0.001 min  
 Lab File: BF139078.D  
 Acq: 20 Aug 2024 17:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

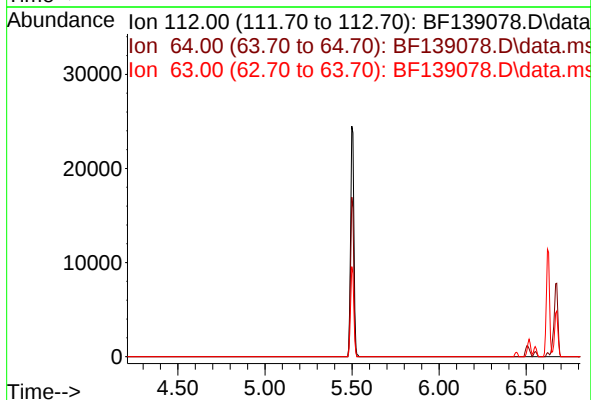
Tgt Ion:152 Resp: 93394  
 Ion Ratio Lower Upper  
 152 100  
 150 155.9 125.1 187.7  
 115 63.8 51.8 77.6



#5  
 2-Fluorophenol  
 Concen: 0.000 ng  
 Expected RT: 5.51 min

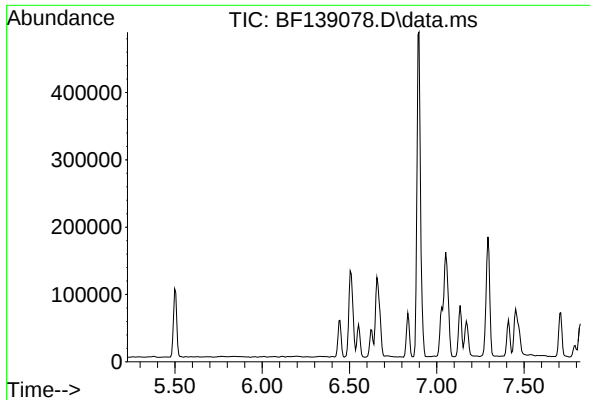
Lab File: BF139078.D  
 Acq: 20 Aug 2024 17:10

Tgt Ion: 112  
 Sig Exp Ratio  
 112 100  
 64 67.2  
 63 36.8



Ion 64.00 (63.70 to 64.70): BF139078.D\data.ms

Ion 63.00 (62.70 to 63.70): BF139078.D\data.ms

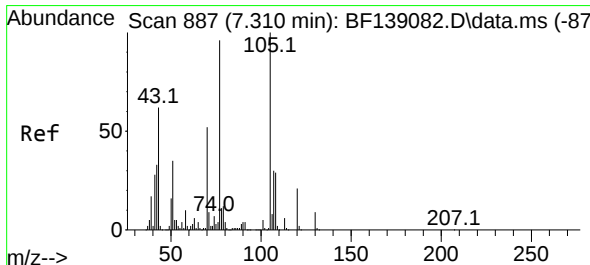
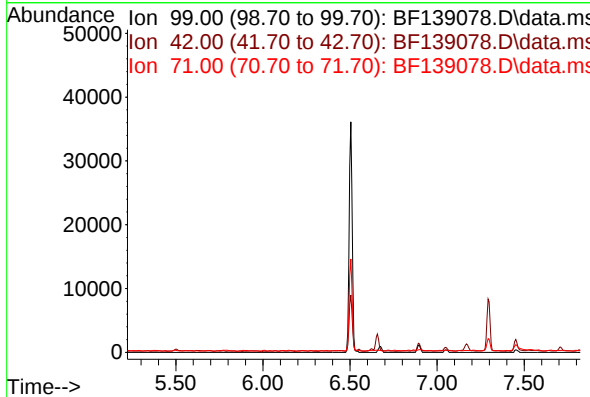


#7  
 Phenol-d6  
 Concen: 0.000 ng  
 Expected RT: 6.52 min  
 Lab File: BF139078.D  
 Acq: 20 Aug 2024 17:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Tgt Ion: 99  

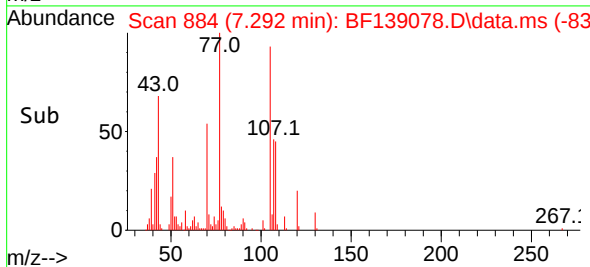
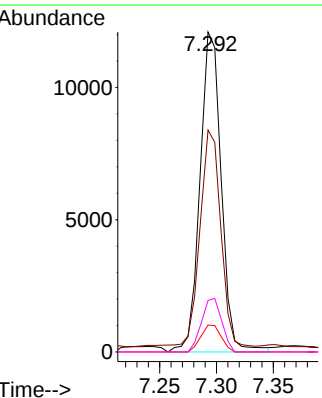
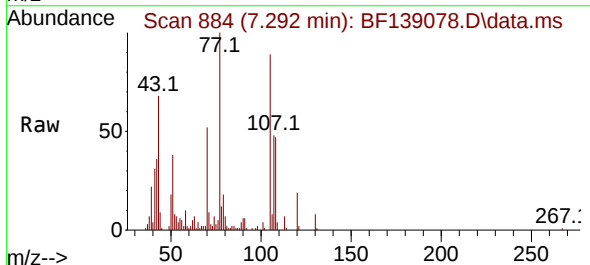
| Sig | Exp Ratio |
|-----|-----------|
| 99  | 100       |
| 42  | 21.8      |
| 71  | 39.0      |

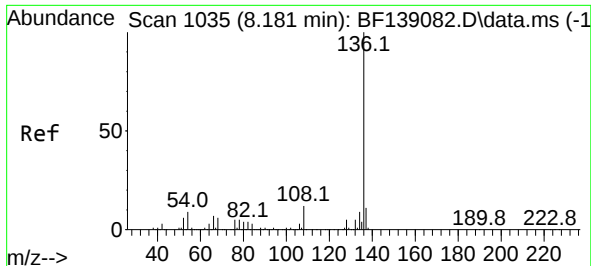


#19  
 n-Nitroso-di-n-propylamine  
 Concen: 3.208 ng  
 RT: 7.292 min Scan# 884  
 Delta R.T. -0.018 min  
 Lab File: BF139078.D  
 Acq: 20 Aug 2024 17:10

Tgt Ion: 70 Resp: 15737  

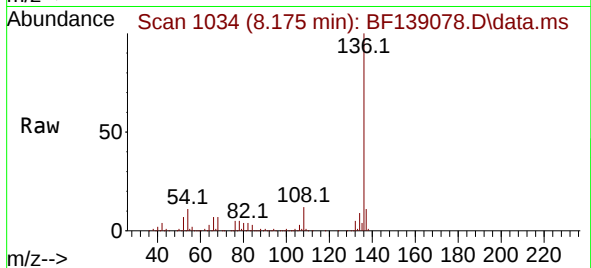
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 69.3  | 50.5  | 75.7  |
| 101 | 8.4   | 7.2   | 10.8  |
| 130 | 16.1  | 14.2  | 21.2  |



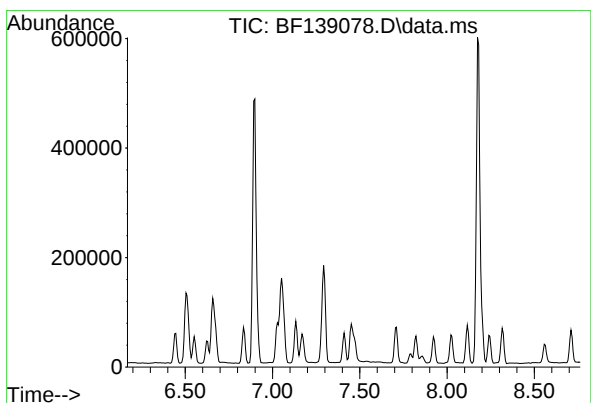
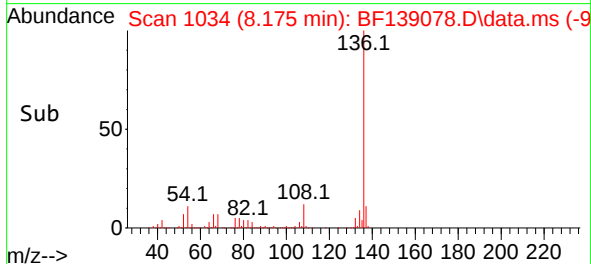
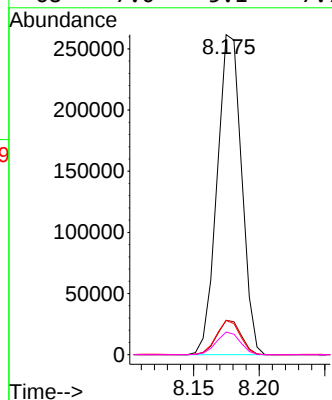


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.175 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF139078.D  
Acq: 20 Aug 2024 17:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5



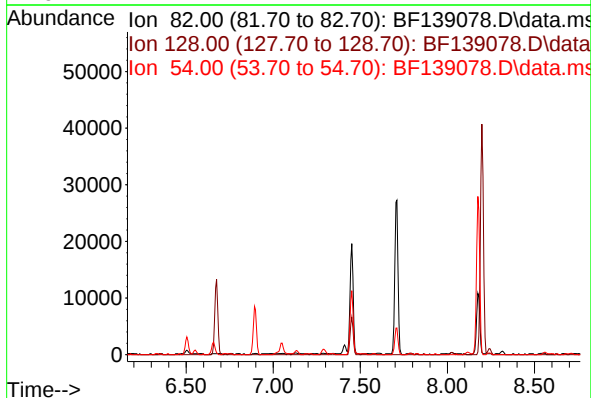
|             |       |        |       |
|-------------|-------|--------|-------|
| Tgt Ion:136 | Resp: | 338986 |       |
| Ion         | Ratio | Lower  | Upper |
| 136         | 100   |        |       |
| 137         | 10.8  | 8.7    | 13.1  |
| 54          | 10.7  | 7.6    | 11.4  |
| 68          | 7.0   | 5.1    | 7.7   |

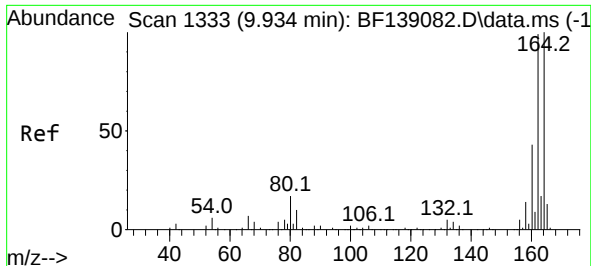


#23  
Nitrobenzene-d5  
Concen: 0.000 ng  
Expected RT: 7.46 min

Lab File: BF139078.D  
Acq: 20 Aug 2024 17:10

| Tgt Ion: 82 |           |
|-------------|-----------|
| Sig         | Exp Ratio |
| 82          | 100       |
| 128         | 36.2      |
| 54          | 54.3      |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139078.D

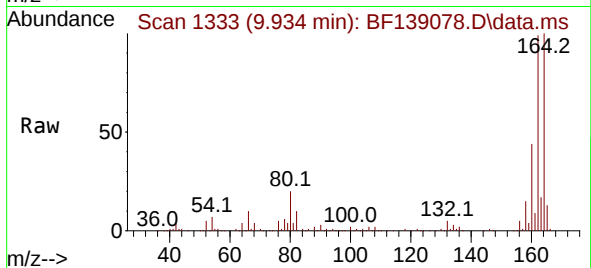
Acq: 20 Aug 2024 17:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5



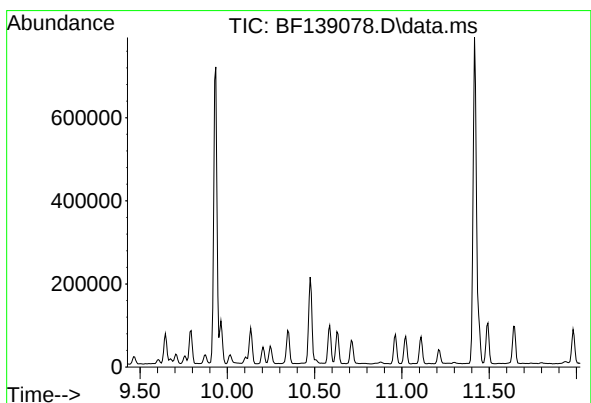
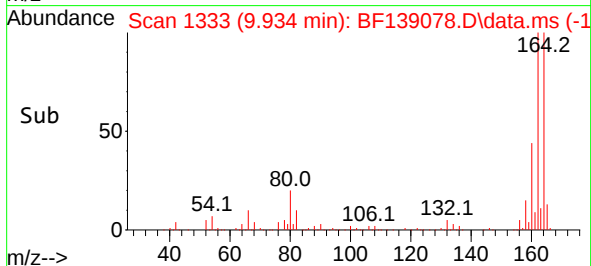
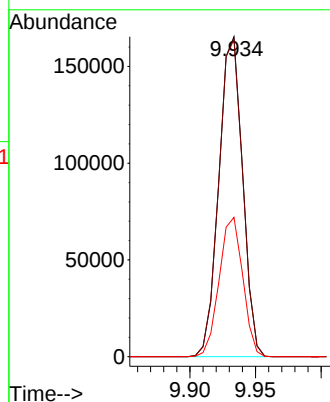
Tgt Ion:164 Resp: 207701

Ion Ratio Lower Upper

164 100

162 99.1 79.5 119.3

160 43.6 34.5 51.7



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.72 min

Lab File: BF139078.D

Acq: 20 Aug 2024 17:10

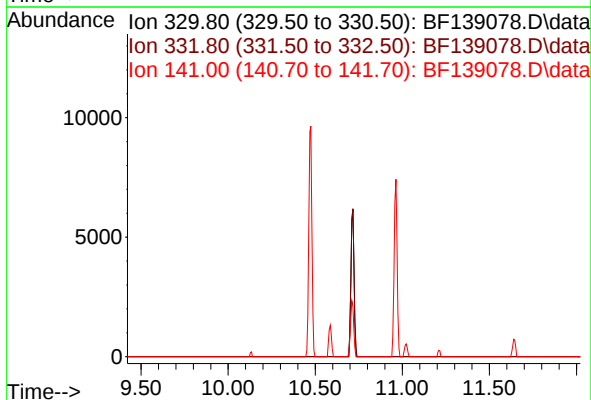
Tgt Ion: 330

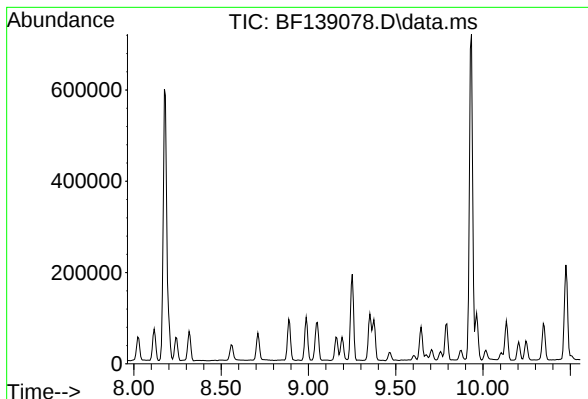
Sig Exp Ratio

330 100

332 96.3

141 34.4



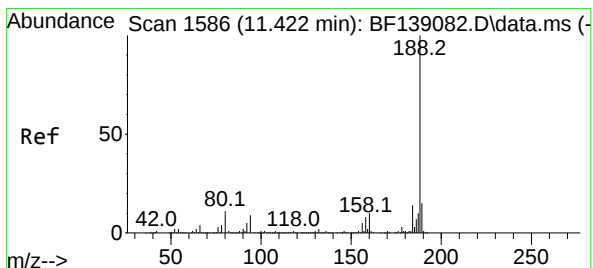
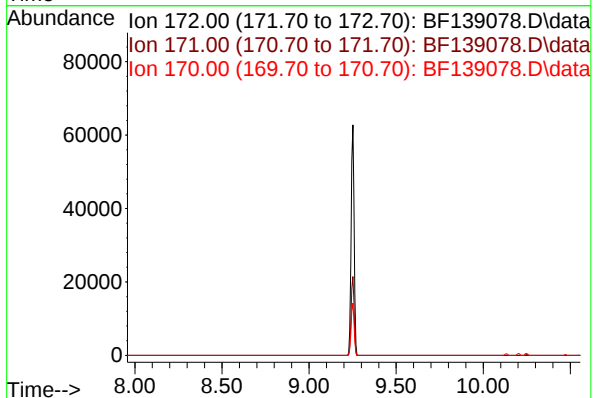


#45  
 2-Fluorobiphenyl  
 Concen: 0.000 ng  
 Expected RT: 9.26 min  
 Lab File: BF139078.D  
 Acq: 20 Aug 2024 17:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Tgt Ion: 172  

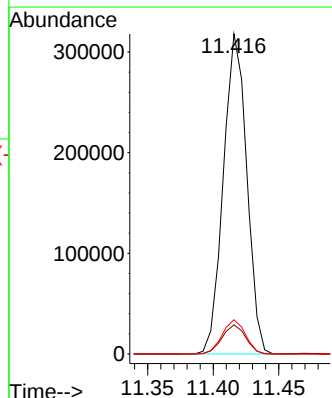
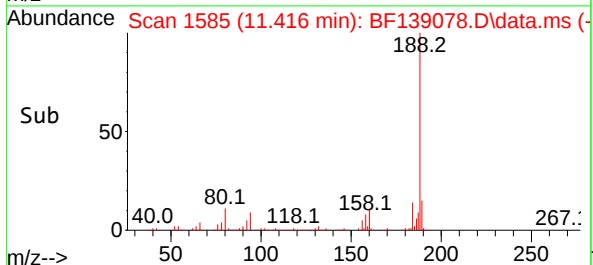
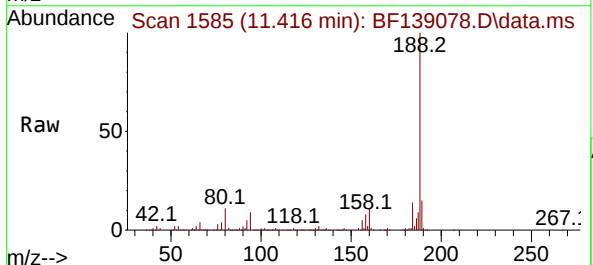
| Sig | Exp Ratio |
|-----|-----------|
| 172 | 100       |
| 171 | 35.5      |
| 170 | 23.5      |

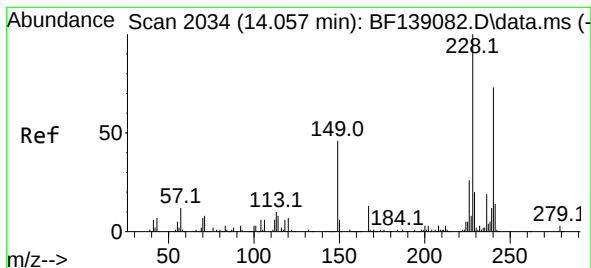


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.416 min Scan# 1585  
 Delta R.T. -0.006 min  
 Lab File: BF139078.D  
 Acq: 20 Aug 2024 17:10

Tgt Ion: 188 Resp: 394517  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.1   | 7.2   | 10.8  |
| 80  | 10.7  | 8.5   | 12.7  |





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF139078.D

Acq: 20 Aug 2024 17:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

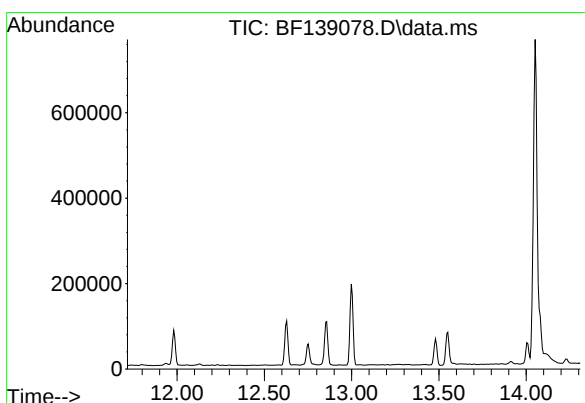
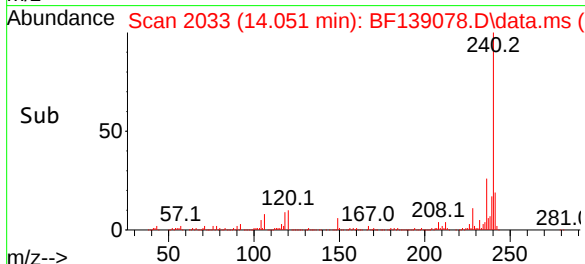
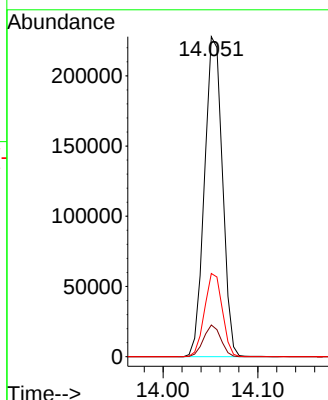
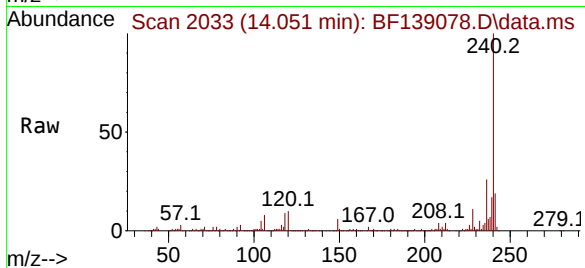
Tgt Ion:240 Resp: 299691

Ion Ratio Lower Upper

240 100

120 9.9 7.8 11.6

236 26.0 20.9 31.3



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 13.01 min

Lab File: BF139078.D

Acq: 20 Aug 2024 17:10

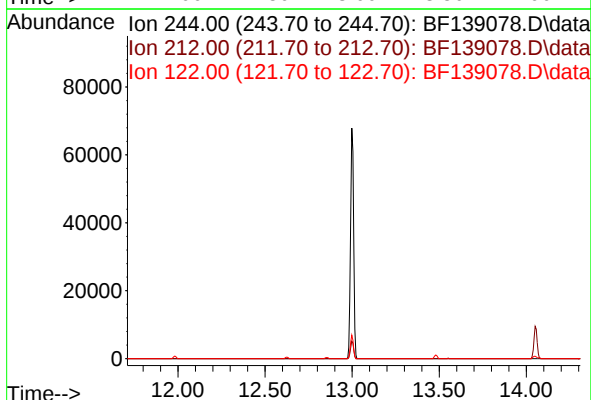
Tgt Ion: 244

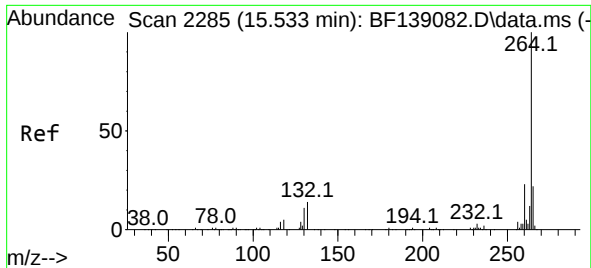
Sig Exp Ratio

244 100

212 7.2

122 9.5





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.527 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BF139078.D  
 Acq: 20 Aug 2024 17:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Tgt Ion:264 Resp: 334467  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 18.6 27.8  
 265 21.7 17.4 26.2

