

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101824\  
 Data File : BF139844.D  
 Acq On : 18 Oct 2024 10:27  
 Operator : RC/JU  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Quant Time: Oct 18 14:15:43 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 18 14:11:20 2024  
 Response via : Initial Calibration

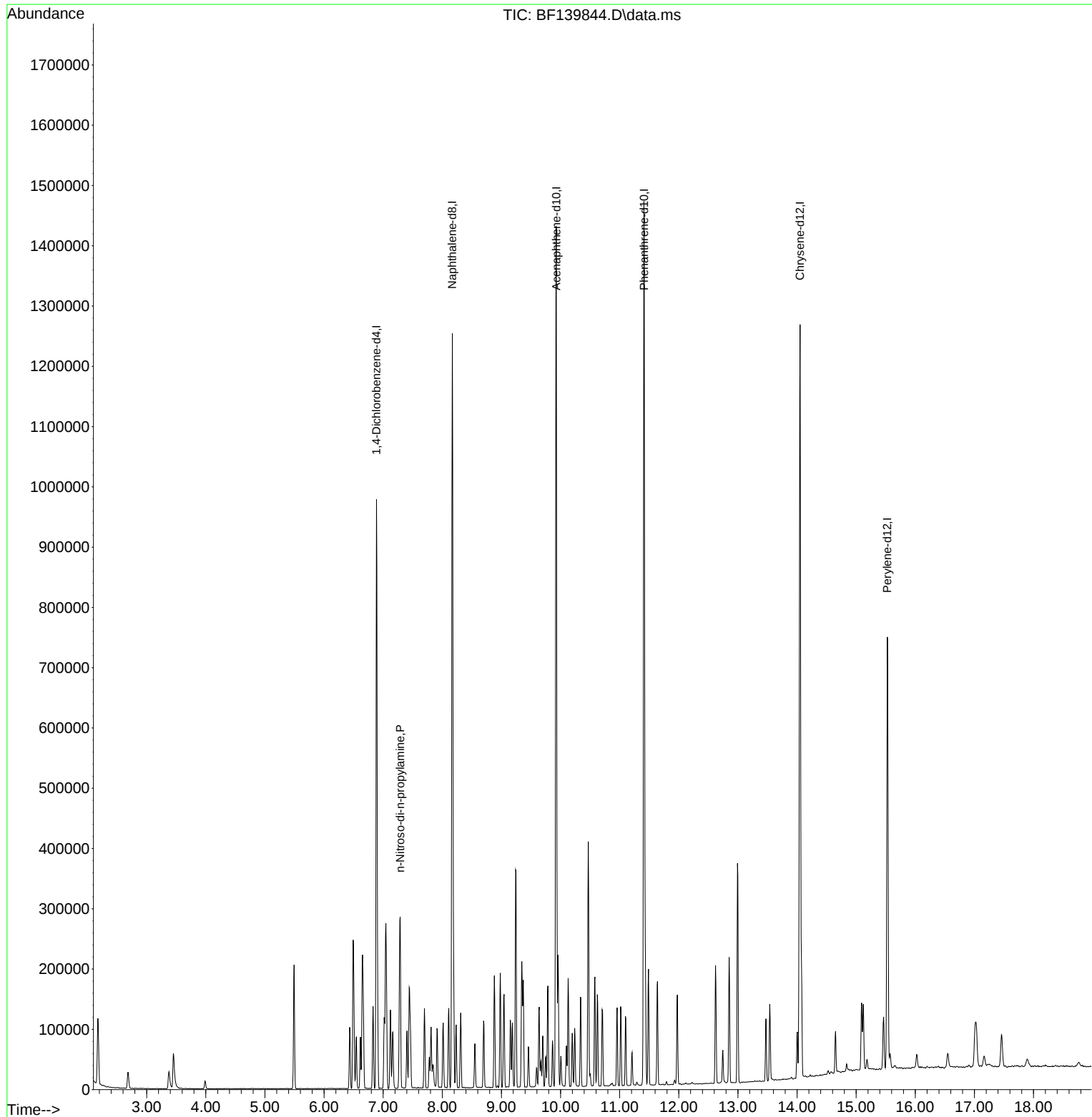
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.887  | 152  | 190003   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 748539   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.928  | 164  | 423999   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 760140   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.051 | 240  | 519381   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.527 | 264  | 410408   | 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... | 7.287  | 70   | 26252    | 2.754  | ng    | 94       |
| -----                         |        |      |          |        |       |          |

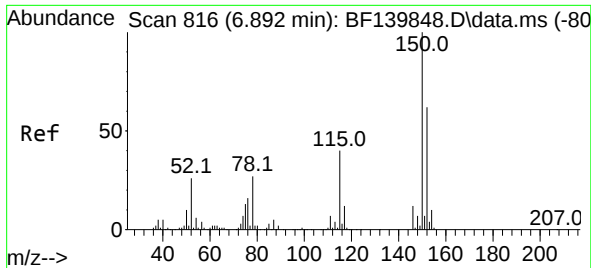
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101824\  
Data File : BF139844.D  
Acq On : 18 Oct 2024 10:27  
Operator : RC/JU  
Sample : SSTDICC2.5  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

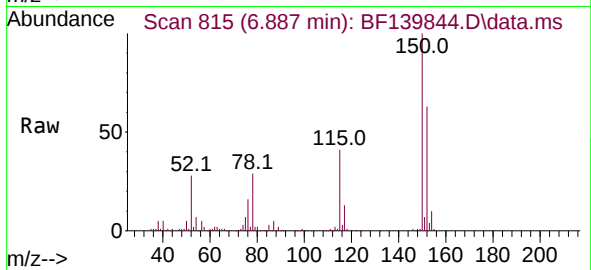
Quant Time: Oct 18 14:15:43 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 18 14:11:20 2024  
Response via : Initial Calibration



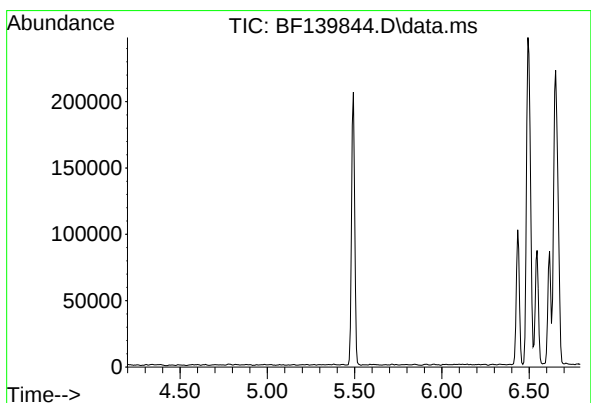
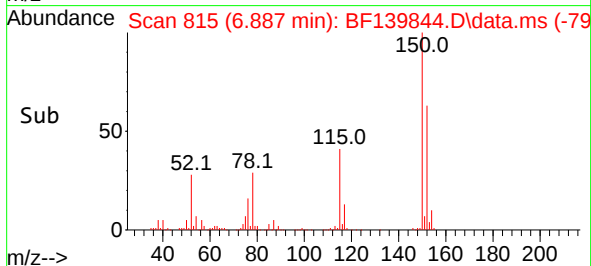
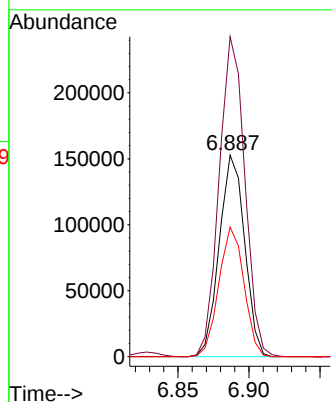


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.887 min Scan# 81  
Delta R.T. -0.005 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5



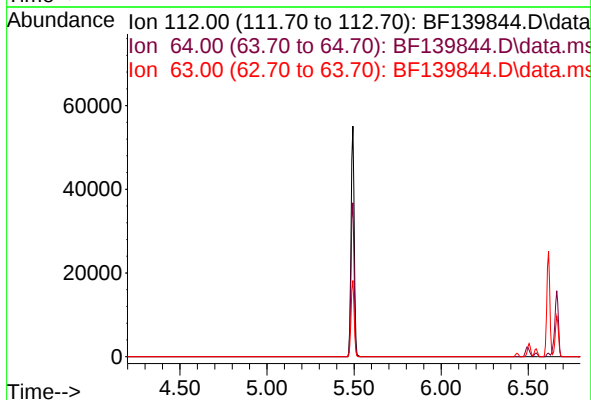
Tgt Ion:152 Resp: 190003  
Ion Ratio Lower Upper  
152 100  
150 158.9 130.2 195.2  
115 64.4 51.4 77.2

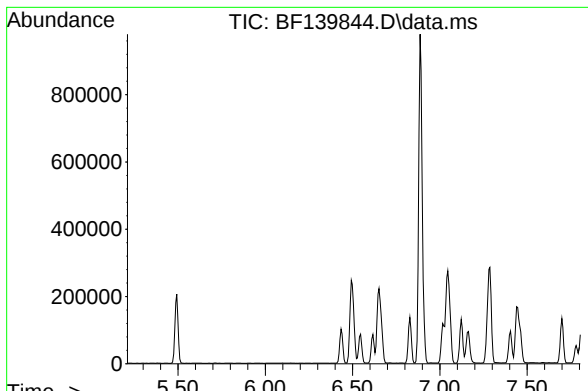


#5  
2-Fluorophenol  
Concen: 0.000 ng  
Expected RT: 5.50 min

Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

Tgt Ion: 112  
Sig Exp Ratio  
112 100  
64 66.3  
63 33.7



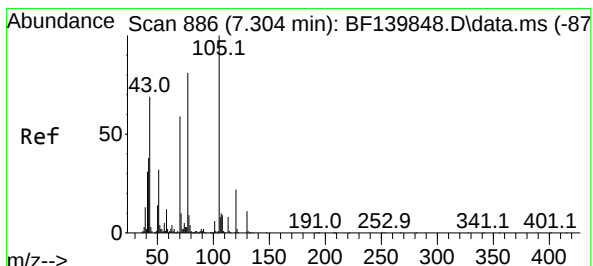
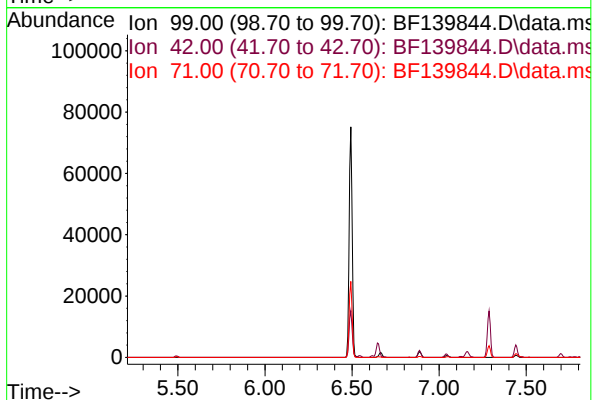


#7  
 Phenol-d6  
 Concen: 0.000 ng  
 Expected RT: 6.51 min  
 Lab File: BF139844.D  
 Acq: 18 Oct 2024 10:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Tgt Ion: 99  

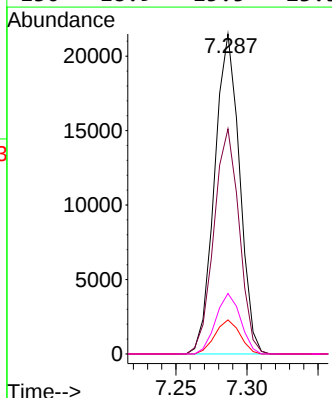
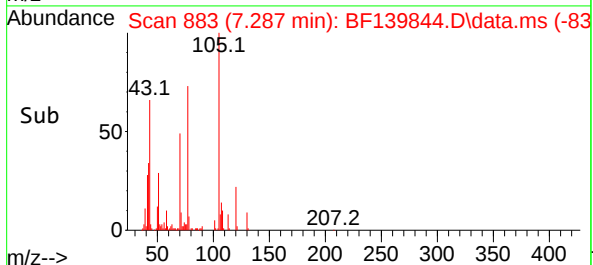
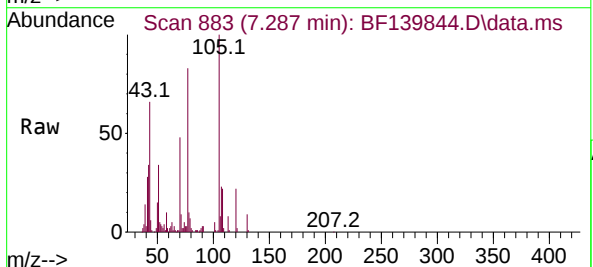
| Sig | Exp Ratio |
|-----|-----------|
| 99  | 100       |
| 42  | 20.9      |
| 71  | 34.6      |

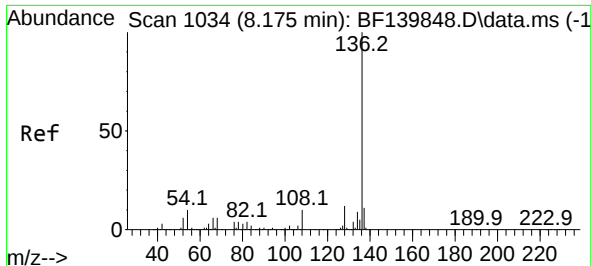


#19  
 n-Nitroso-di-n-propylamine  
 Concen: 2.754 ng  
 RT: 7.287 min Scan# 883  
 Delta R.T. -0.017 min  
 Lab File: BF139844.D  
 Acq: 18 Oct 2024 10:27

Tgt Ion: 70 Resp: 26252  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 70.4  | 51.5  | 77.3  |
| 101 | 10.6  | 7.5   | 11.3  |
| 130 | 18.9  | 15.5  | 23.3  |

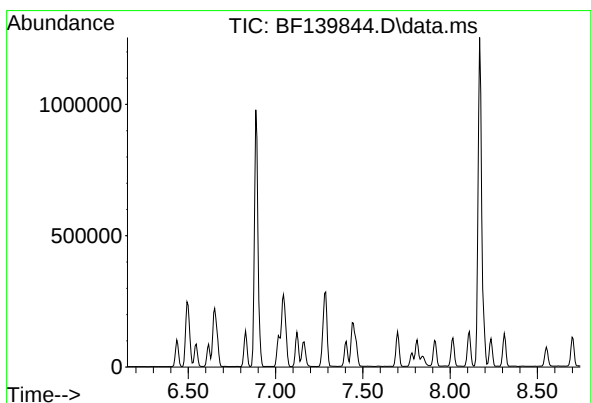
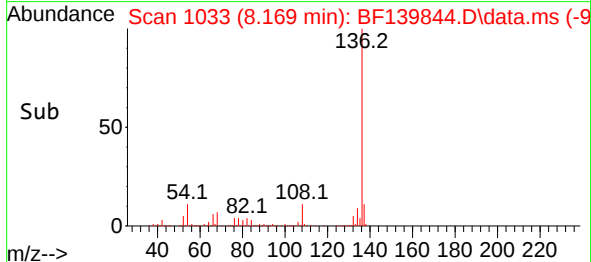
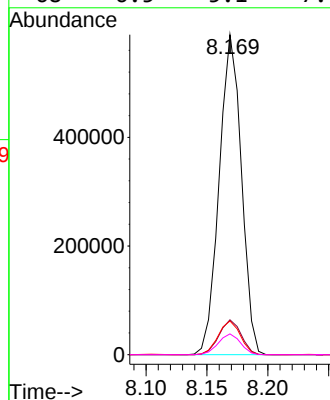
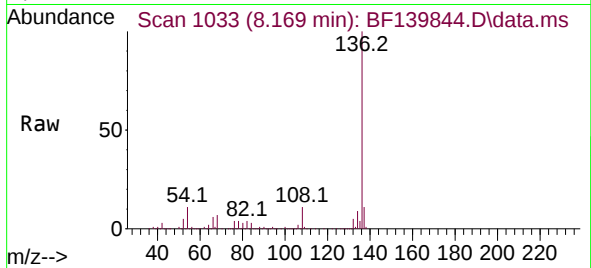




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

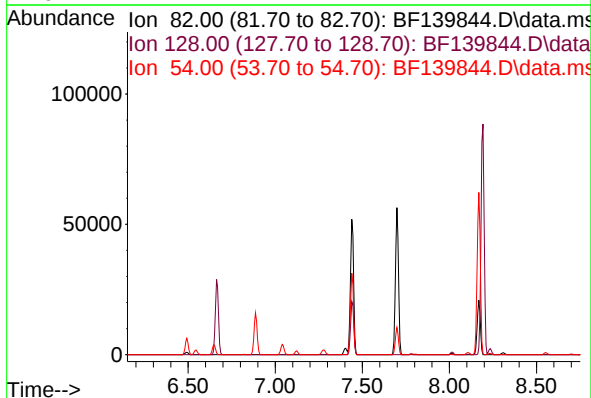
Tgt Ion:136 Resp: 748539  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 12.8  
54 10.6 8.4 12.6  
68 6.5 5.1 7.7

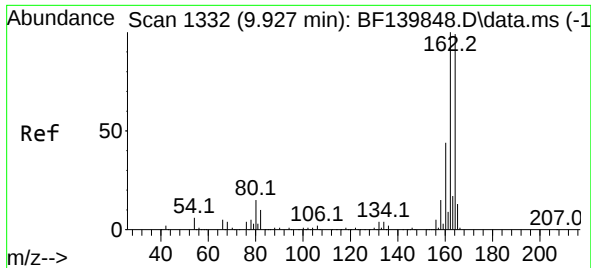


#23  
Nitrobenzene-d5  
Concen: 0.000 ng  
Expected RT: 7.45 min

Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

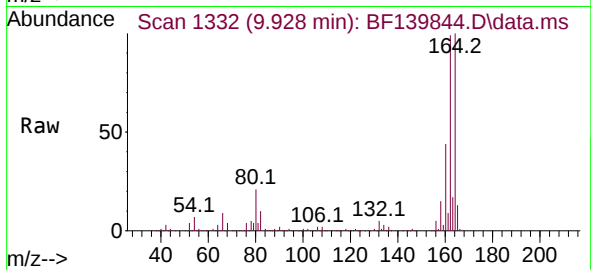
Tgt Ion: 82  
Sig Exp Ratio  
82 100  
128 41.7  
54 59.8



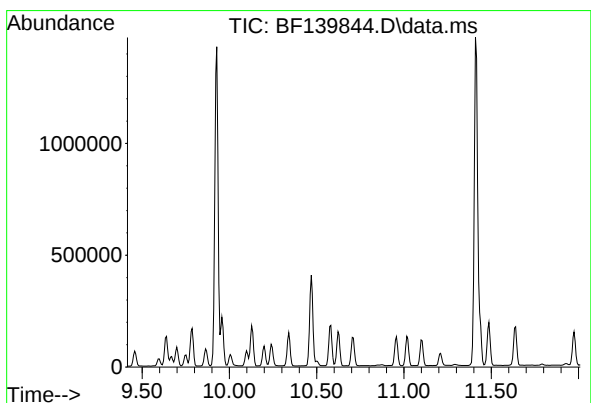
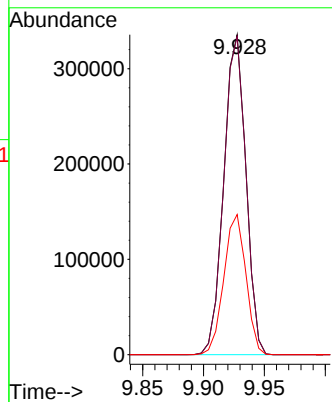
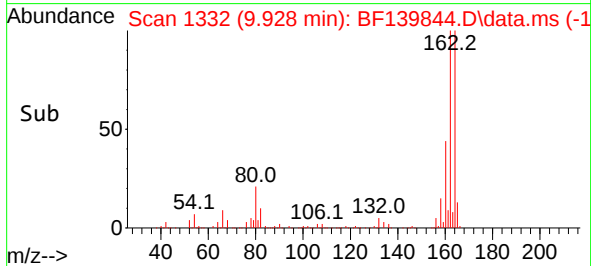


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.928 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5



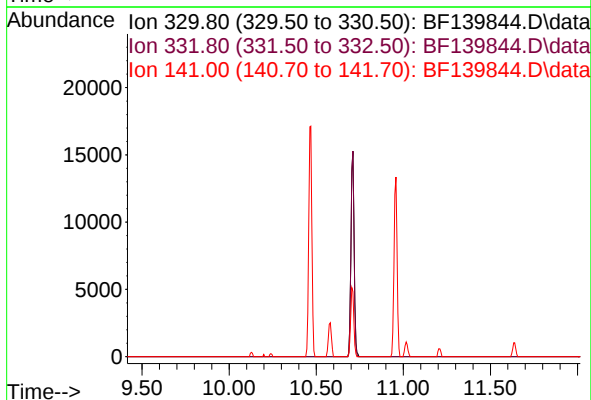
Tgt Ion:164 Resp: 423999  
Ion Ratio Lower Upper  
164 100  
162 99.5 81.0 121.4  
160 43.8 35.4 53.0

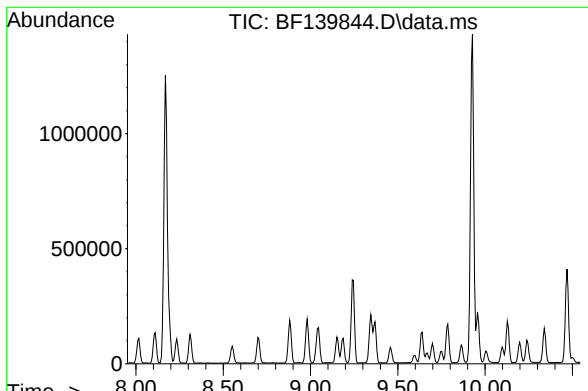


#42  
2,4,6-Tribromophenol  
Concen: 0.000 ng  
Expected RT: 10.72 min

Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

Tgt Ion: 330  
Sig Exp Ratio  
330 100  
332 97.6  
141 33.2



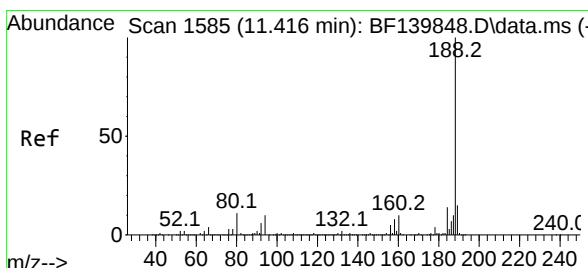
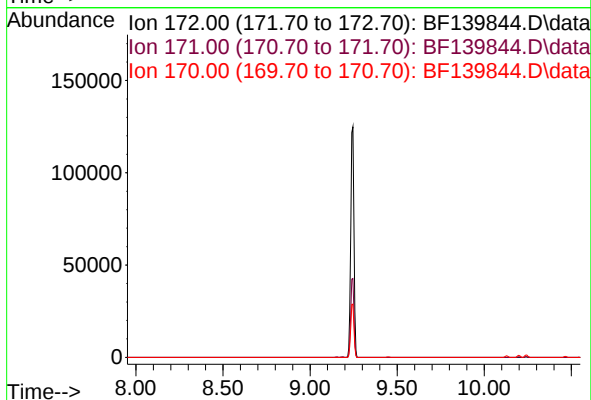


#45  
 2-Fluorobiphenyl  
 Concen: 0.000 ng  
 Expected RT: 9.25 min  
 Lab File: BF139844.D  
 Acq: 18 Oct 2024 10:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Tgt Ion: 172  

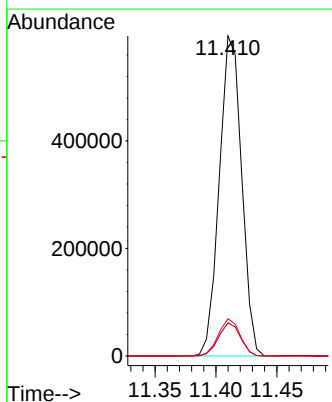
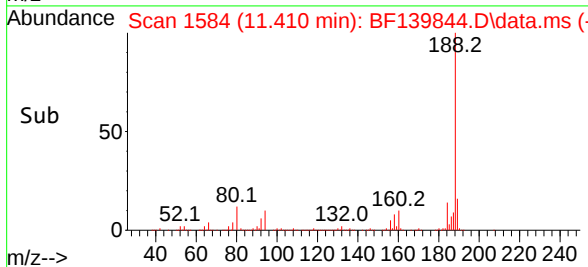
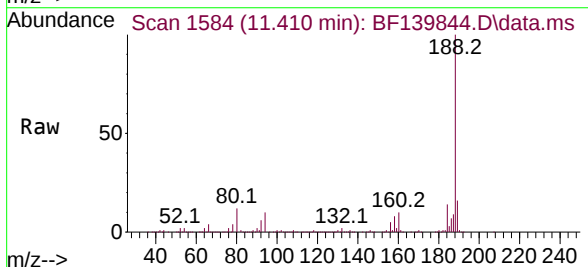
| Sig | Exp Ratio |
|-----|-----------|
| 172 | 100       |
| 171 | 35.8      |
| 170 | 23.9      |

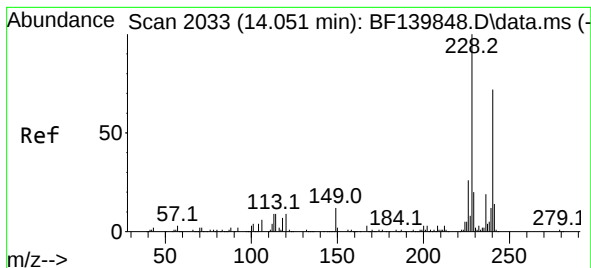


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.410 min Scan# 1584  
 Delta R.T. -0.006 min  
 Lab File: BF139844.D  
 Acq: 18 Oct 2024 10:27

Tgt Ion: 188 Resp: 760140  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.4  | 7.9   | 11.9  |
| 80  | 11.6  | 9.0   | 13.4  |





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

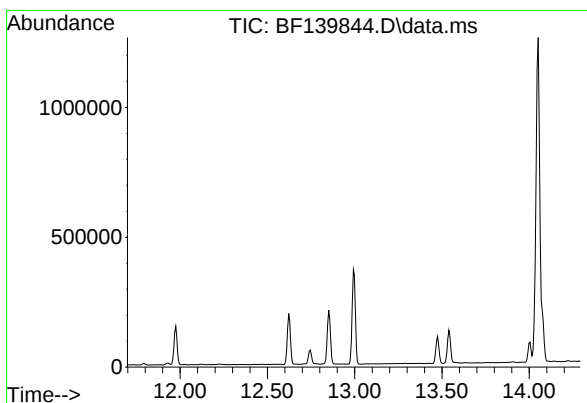
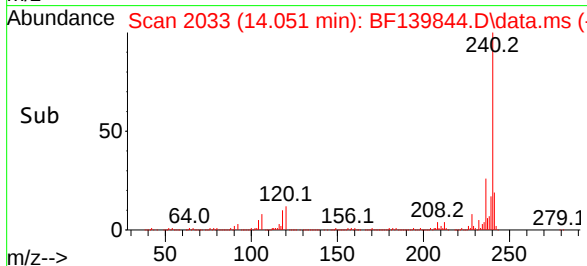
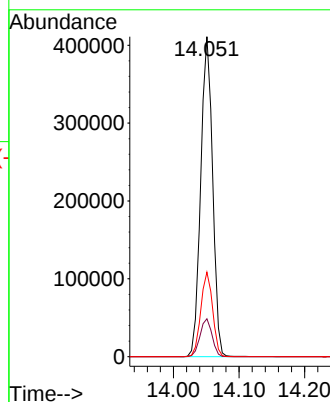
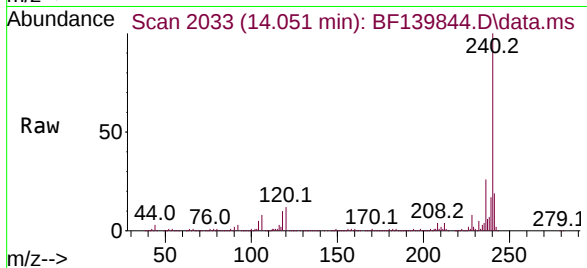
Tgt Ion:240 Resp: 519381

Ion Ratio Lower Upper

240 100

120 11.9 9.4 14.2

236 26.4 20.9 31.3



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 13.00 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

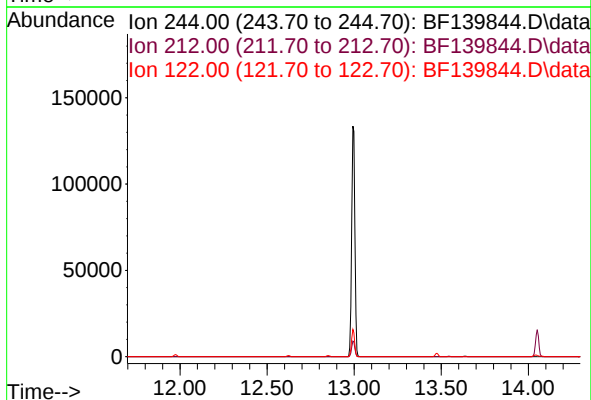
Tgt Ion: 244

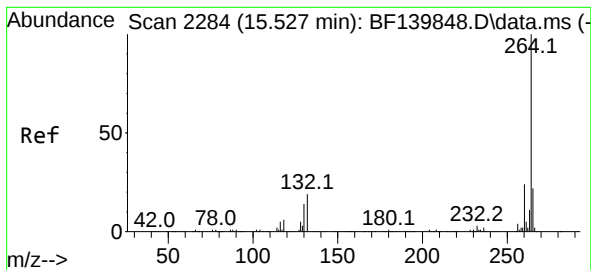
Sig Exp Ratio

244 100

212 7.1

122 10.8





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.527 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BF139844.D  
 Acq: 18 Oct 2024 10:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Tgt Ion:264 Resp: 410408  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 19.4 29.2  
 265 21.5 17.4 26.0

