

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022725\  
 Data File : BF141793.D  
 Acq On : 27 Feb 2025 15:17  
 Operator : RC/JU  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Quant Time: Feb 28 00:18:22 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022725.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 28 00:17:06 2025  
 Response via : Initial Calibration

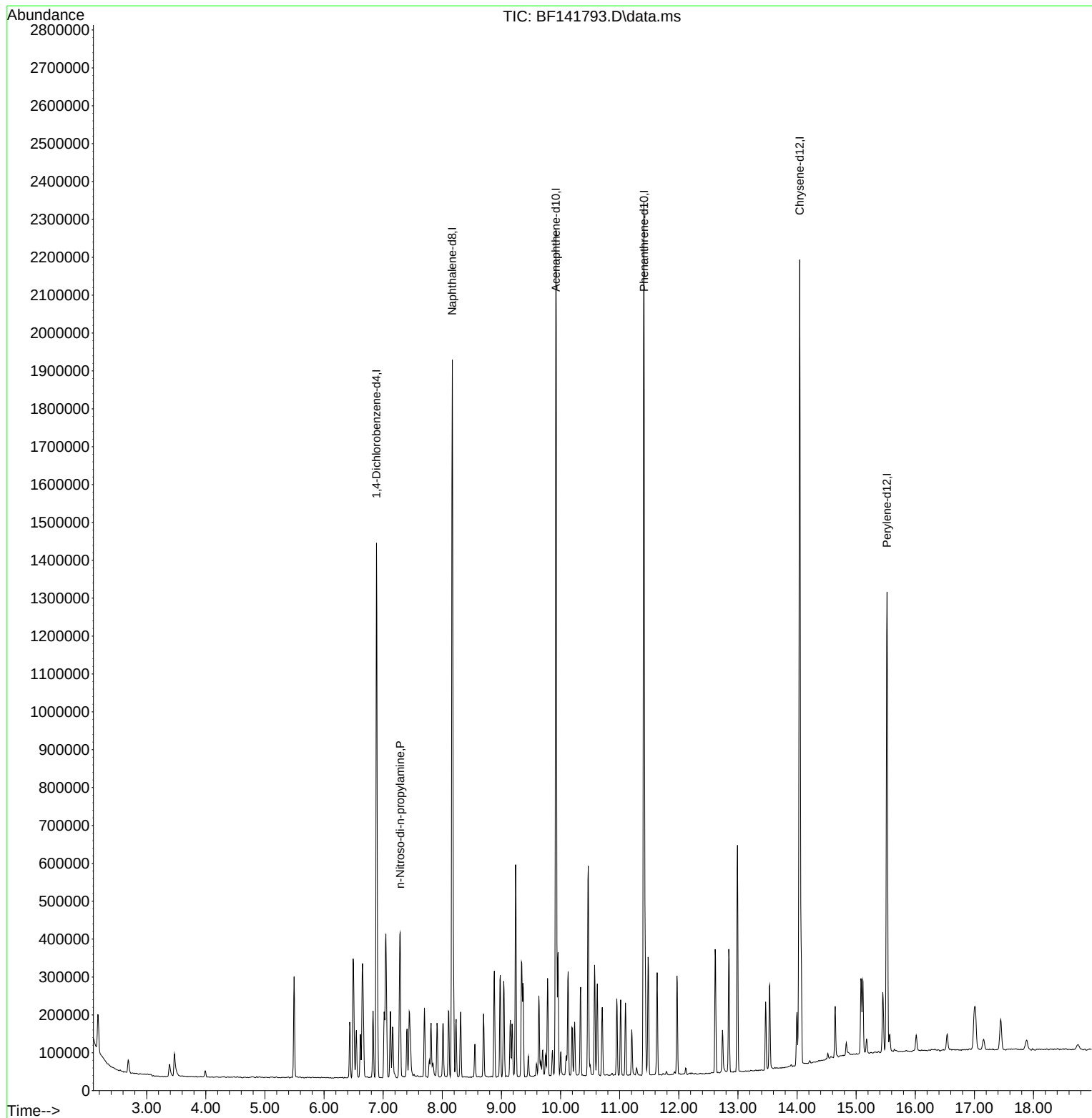
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.887  | 152  | 282413   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 1147711  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 650007   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 1119232  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.045 | 240  | 894958   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.521 | 264  | 684814   | 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   | 39992    | 2.936  | ng    | 100      |
| -----                         |        |      |          |        |       |          |

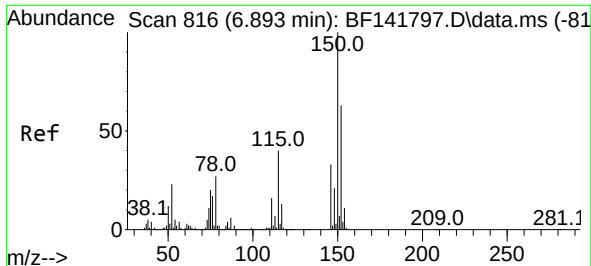
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : SSTDICC2.5  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

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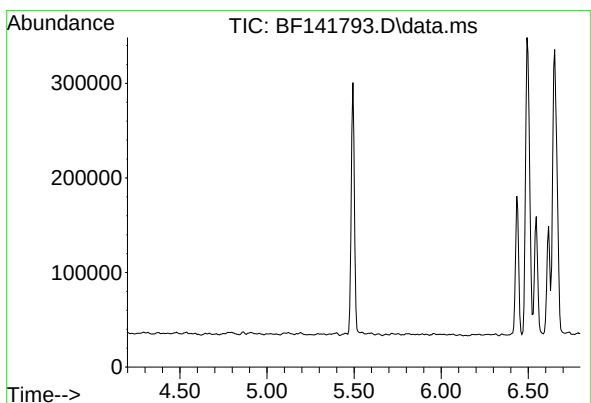
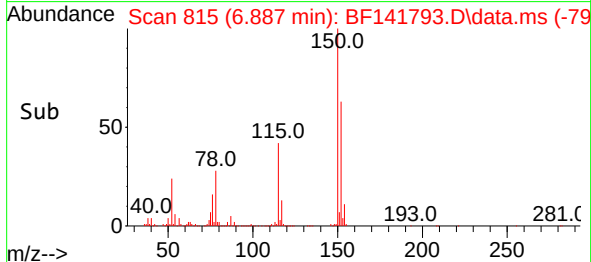
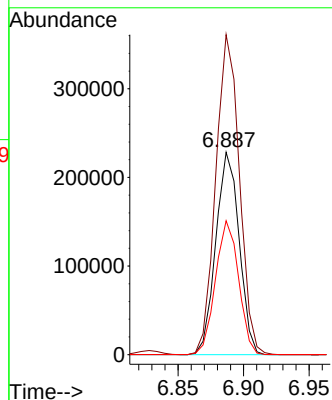
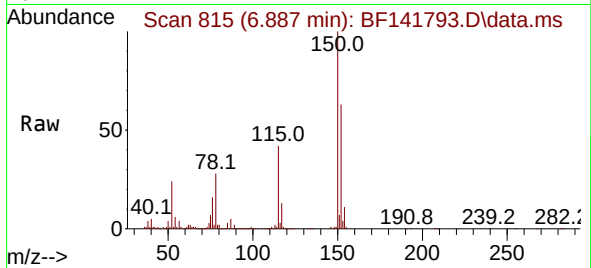


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.887 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BF141793.D  
 Acq: 27 Feb 2025 15:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Tgt Ion:152 Resp: 282413  

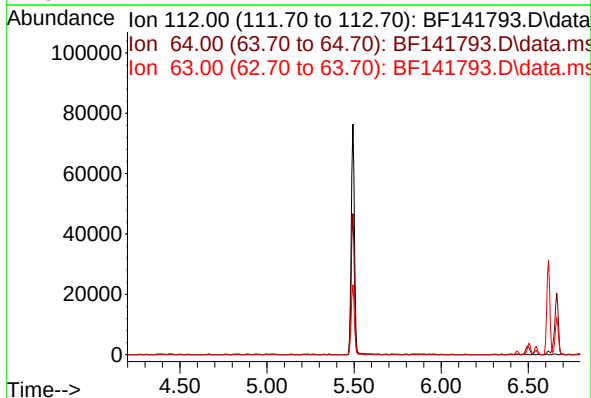
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 158.1 | 127.5 | 191.3 |
| 115 | 66.2  | 51.4  | 77.2  |

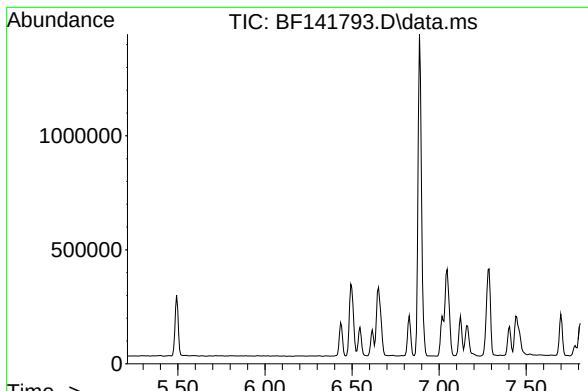


#5  
 2-Fluorophenol  
 Concen: 0.000 ng  
 Expected RT: 5.50 min  
 Lab File: BF141793.D  
 Acq: 27 Feb 2025 15:17

Tgt Ion: 112  

| Sig | Exp Ratio |
|-----|-----------|
| 112 | 100       |
| 64  | 64.1      |
| 63  | 32.8      |



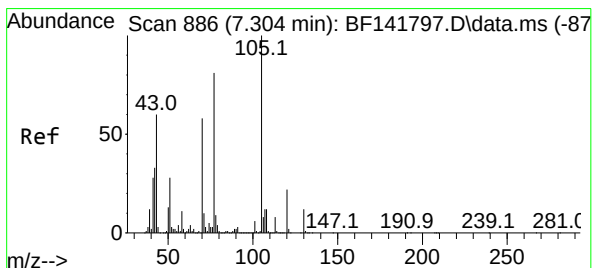
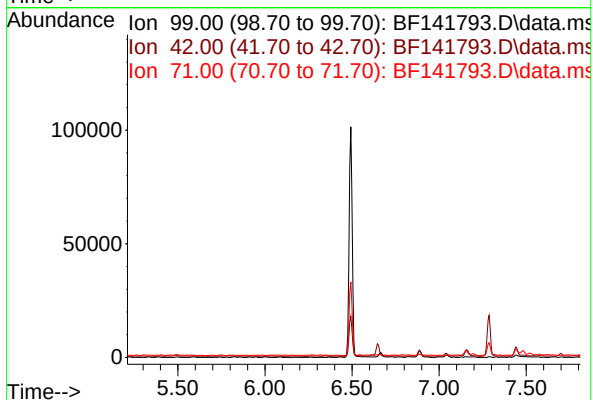


#7  
 Phenol-d6  
 Concen: 0.000 ng  
 Expected RT: 6.51 min  
 Lab File: BF141793.D  
 Acq: 27 Feb 2025 15:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Tgt Ion: 99  

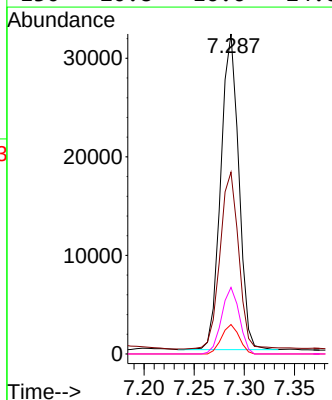
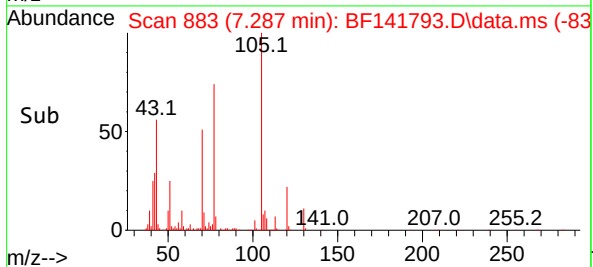
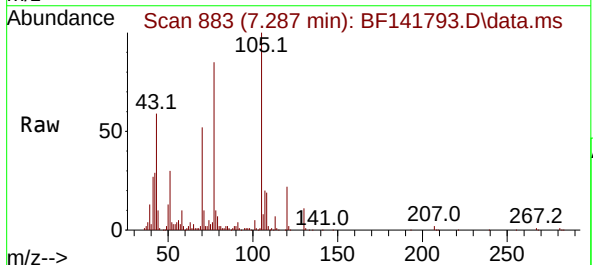
| Sig | Exp Ratio |
|-----|-----------|
| 99  | 100       |
| 42  | 19.0      |
| 71  | 35.2      |

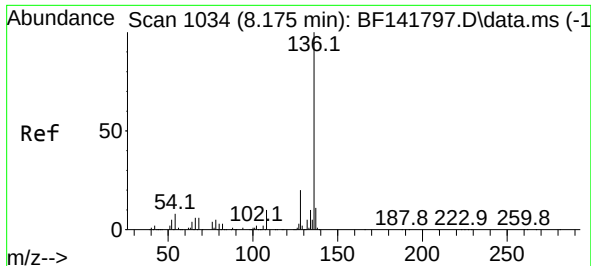


#19  
 n-Nitroso-di-n-propylamine  
 Concen: 2.936 ng  
 RT: 7.287 min Scan# 883  
 Delta R.T. -0.018 min  
 Lab File: BF141793.D  
 Acq: 27 Feb 2025 15:17

Tgt Ion: 70 Resp: 39992  

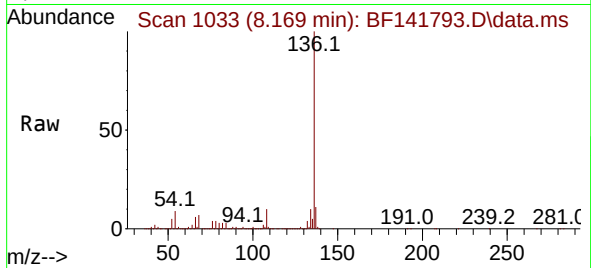
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 56.8  | 45.4  | 68.0  |
| 101 | 9.2   | 7.8   | 11.8  |
| 130 | 20.8  | 16.6  | 24.8  |





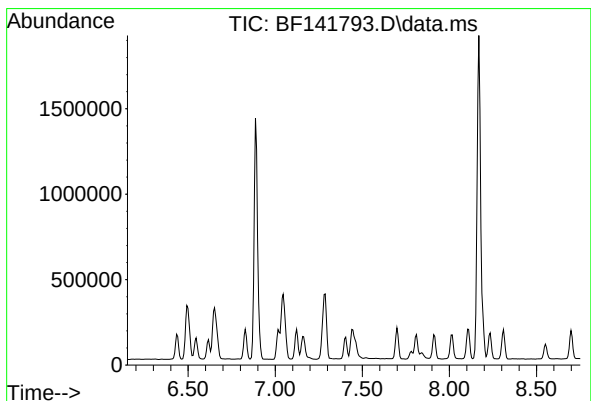
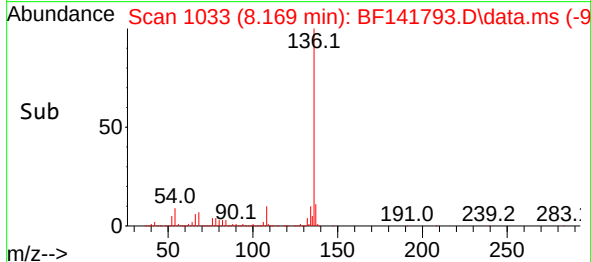
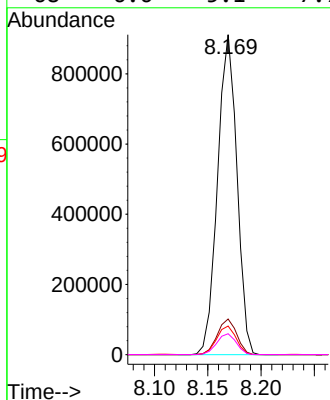
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: BF141793.D  
Acq: 27 Feb 2025 15:17

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5



Tgt Ion:136 Resp: 1147711

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.2  | 8.9   | 13.3  |
| 54  | 8.9   | 6.9   | 10.3  |
| 68  | 6.6   | 5.1   | 7.7   |

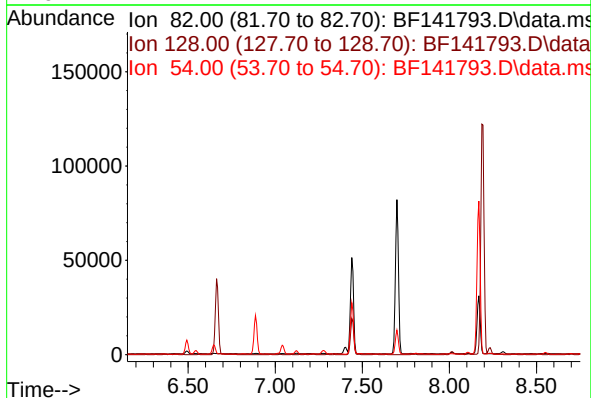


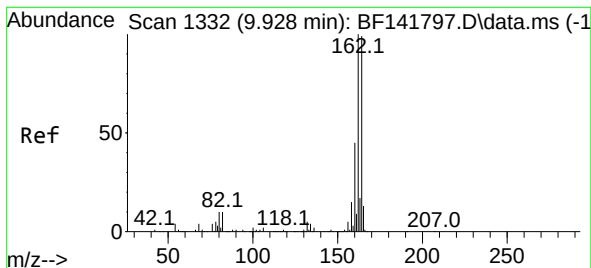
#23  
Nitrobenzene-d5  
Concen: 0.000 ng  
Expected RT: 7.45 min

Lab File: BF141793.D  
Acq: 27 Feb 2025 15:17

Tgt Ion: 82

| Sig | Exp Ratio |
|-----|-----------|
| 82  | 100       |
| 128 | 41.9      |
| 54  | 53.4      |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141793.D

Acq: 27 Feb 2025 15:17

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

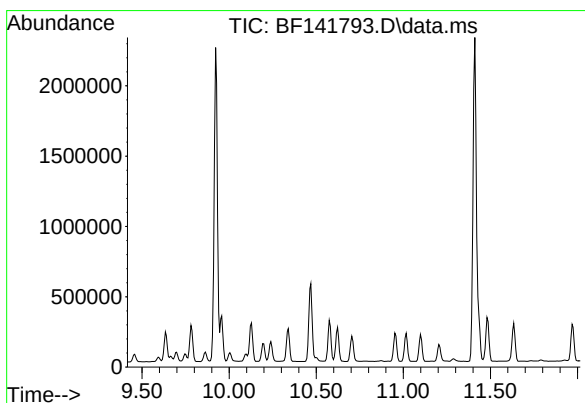
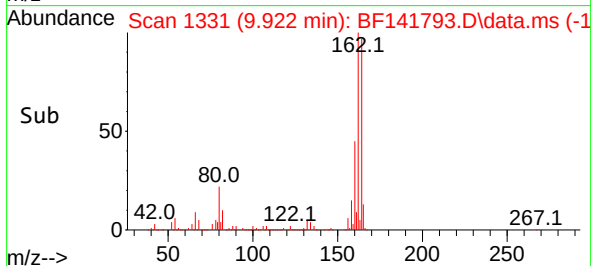
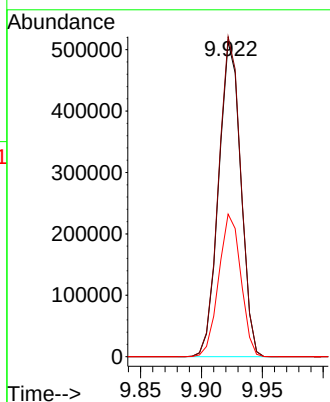
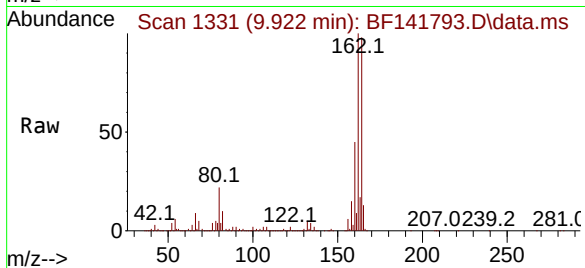
Tgt Ion:164 Resp: 650007

Ion Ratio Lower Upper

164 100

162 101.6 80.6 120.8

160 45.3 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.72 min

Lab File: BF141793.D

Acq: 27 Feb 2025 15:17

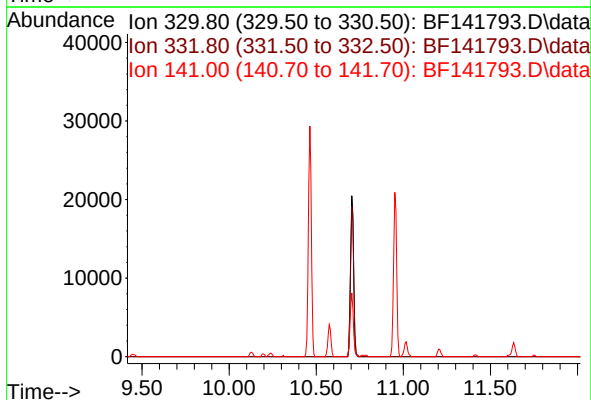
Tgt Ion: 330

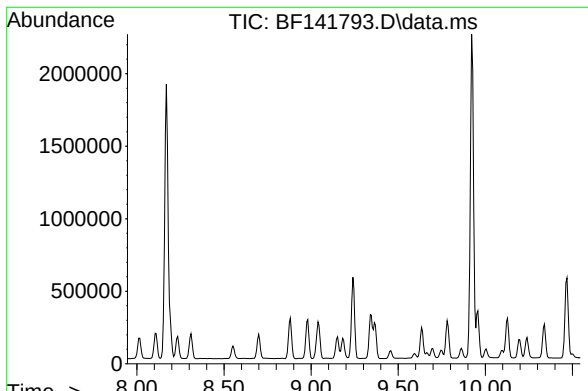
Sig Exp Ratio

330 100

332 95.8

141 36.2



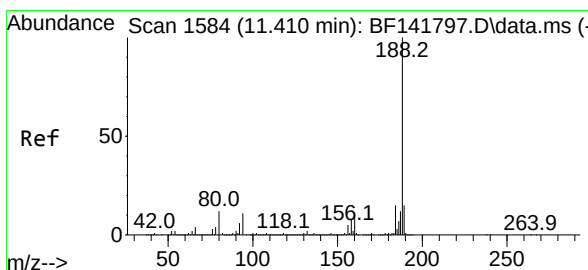
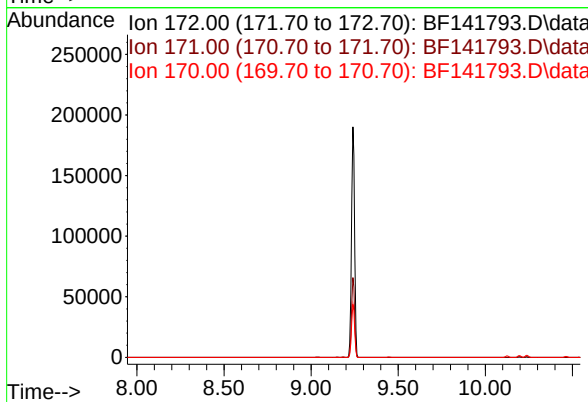


#45  
 2-Fluorobiphenyl  
 Concen: 0.000 ng  
 Expected RT: 9.25 min  
 Lab File: BF141793.D  
 Acq: 27 Feb 2025 15:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Tgt Ion: 172  

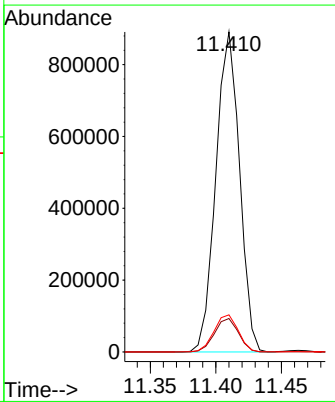
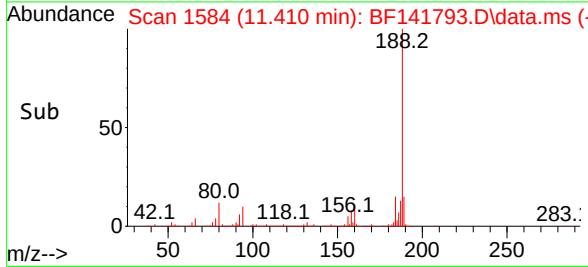
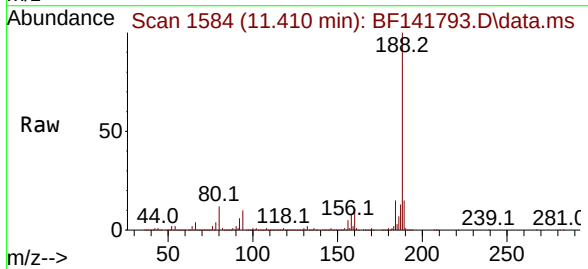
| Sig | Exp Ratio |
|-----|-----------|
| 172 | 100       |
| 171 | 36.5      |
| 170 | 24.6      |

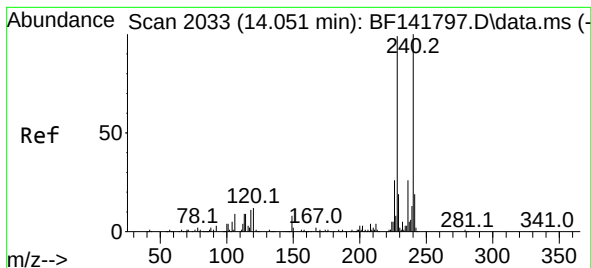


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.410 min Scan# 1584  
 Delta R.T. -0.000 min  
 Lab File: BF141793.D  
 Acq: 27 Feb 2025 15:17

Tgt Ion: 188 Resp: 1119232  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.5  | 8.9   | 13.3  |
| 80  | 11.6  | 9.7   | 14.5  |





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141793.D

Acq: 27 Feb 2025 15:17

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

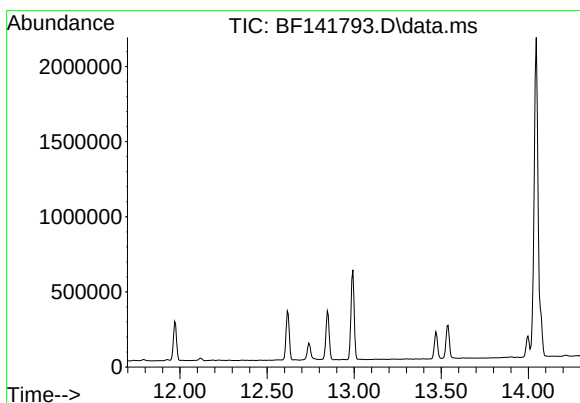
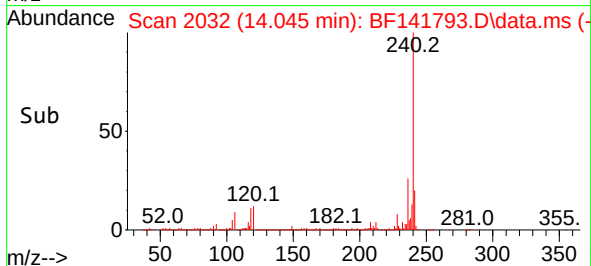
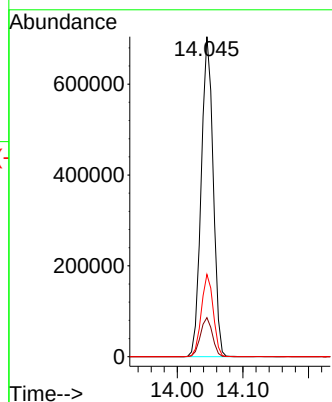
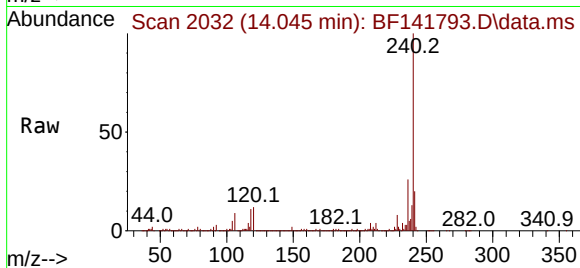
Tgt Ion:240 Resp: 894958

Ion Ratio Lower Upper

240 100

120 12.2 9.7 14.5

236 25.7 21.0 31.4



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 13.00 min

Lab File: BF141793.D

Acq: 27 Feb 2025 15:17

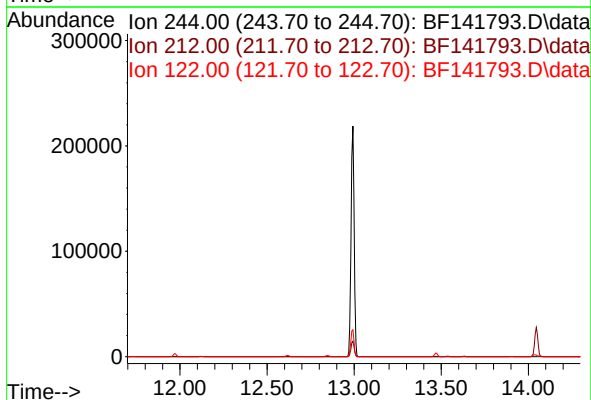
Tgt Ion: 244

Sig Exp Ratio

244 100

212 7.5

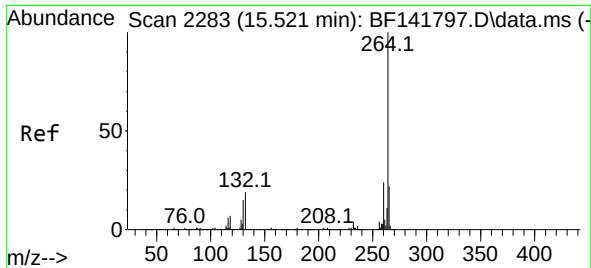
122 11.3



Ion 212.00 (211.70 to 212.70): BF141793.D\data

Ion 122.00 (121.70 to 122.70): BF141793.D\data





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.521 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF141793.D  
Acq: 27 Feb 2025 15:17

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

Tgt Ion:264 Resp: 684814  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.8  | 18.9  | 28.3  |
| 265 | 21.7  | 17.4  | 26.0  |

