

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051525\  
 Data File : BF142403.D  
 Acq On : 15 May 2025 20:36  
 Operator : RC/JU  
 Sample : Q2014-05 50X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MOO-25-0148

Quant Time: May 16 01:09:30 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 05 18:41:44 2025  
 Response via : Initial Calibration

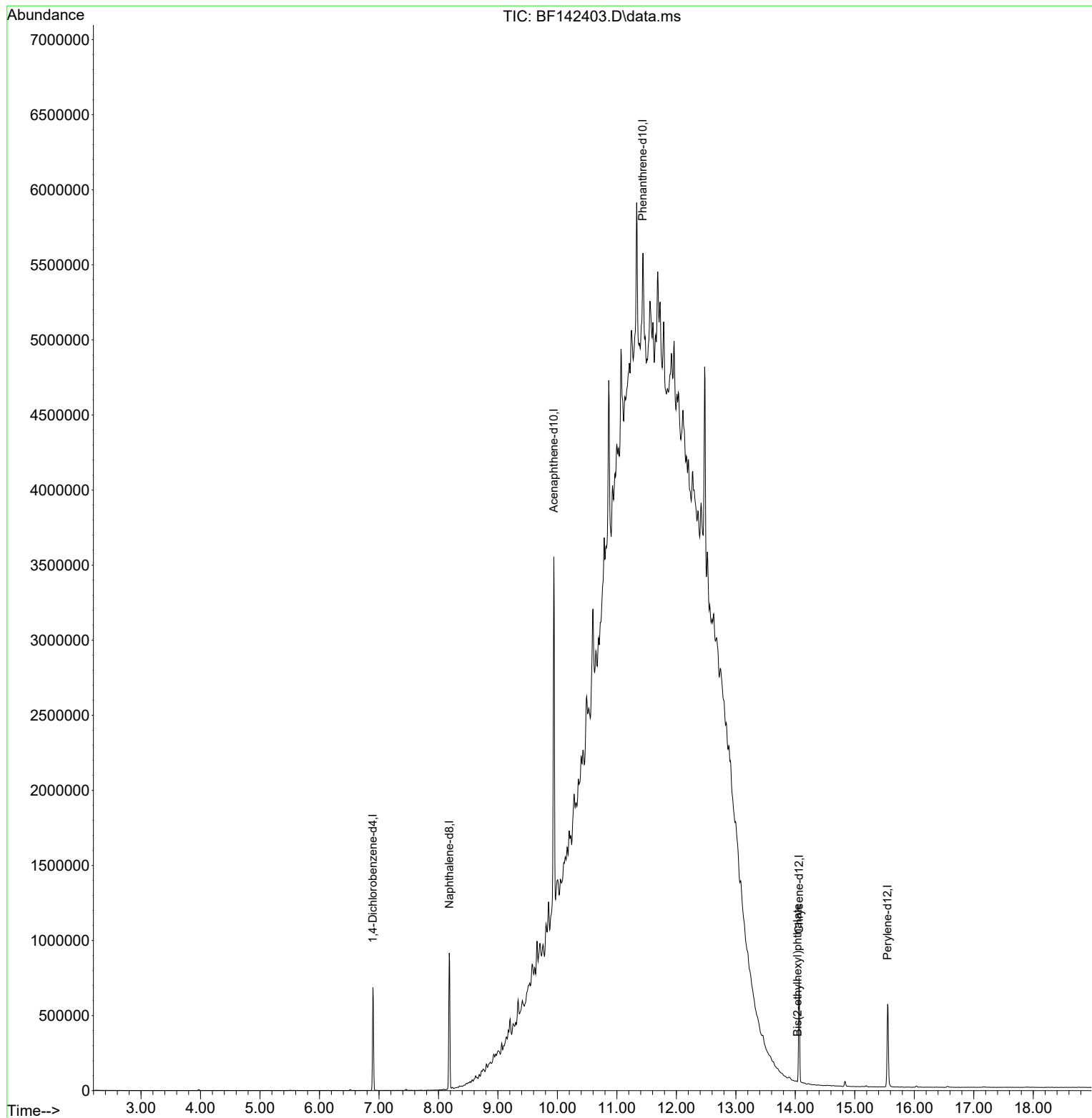
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.898  | 152  | 150230   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.181  | 136  | 574156   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.939  | 164  | 263483   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.433 | 188  | 382105   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.063 | 240  | 339147   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.551 | 264  | 331757   | 20.000 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 1035     | 0.118  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.516  | 99   | 3491     | 0.323  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.457  | 82   | 3378     | 0.359  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.727 | 330  | 1554     | 0.611  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.257  | 172  | 13218    | 0.715  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.016 | 244  | 11924    | 0.520  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 1509     | 4.357  | ng    | # 97     |
| -----                         |        |      |          |        |       |          |

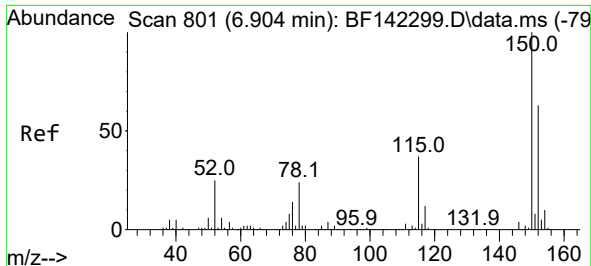
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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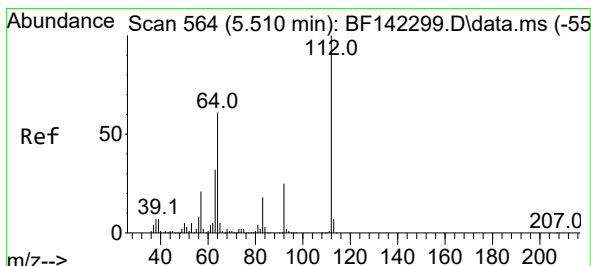
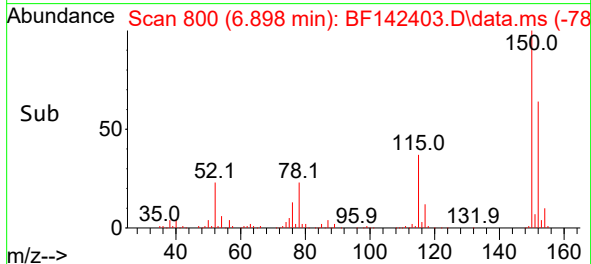
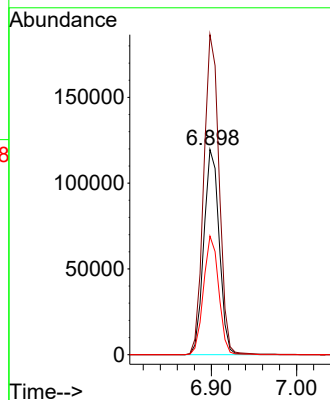
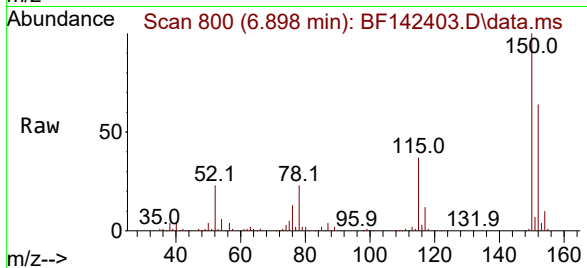




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.898 min Scan# 801  
Delta R.T. -0.006 min  
Lab File: BF142403.D  
Acq: 15 May 2025 20:36

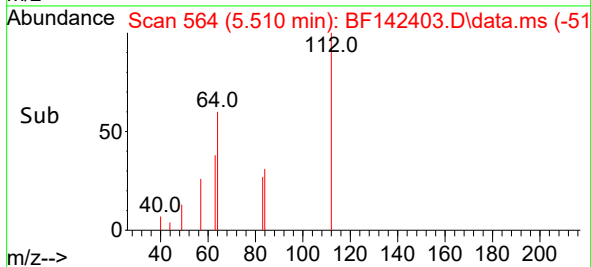
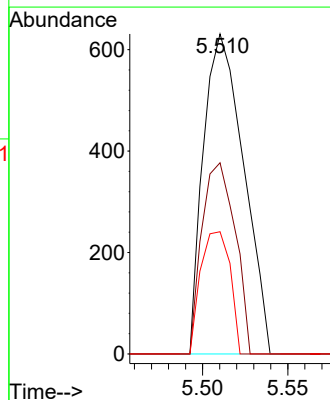
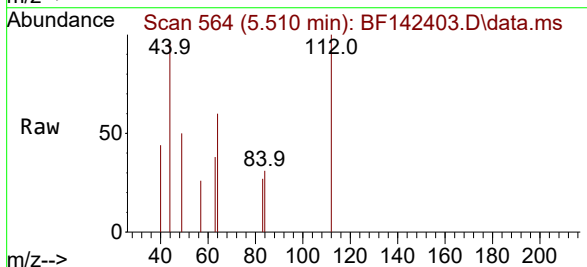
Instrument :  
BNA\_F  
ClientSampleId :  
MOO-25-0148

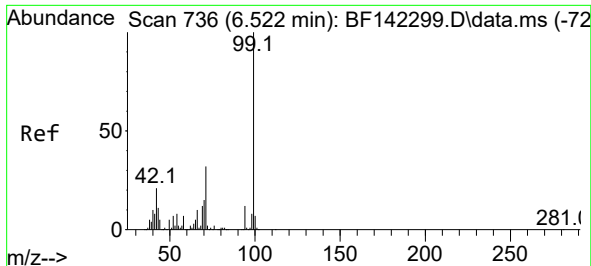
Tgt Ion:152 Resp: 150230  
Ion Ratio Lower Upper  
152 100  
150 156.0 126.6 190.0  
115 57.8 47.3 70.9



#5  
2-Fluorophenol  
Concen: 0.118 ng  
RT: 5.510 min Scan# 564  
Delta R.T. -0.000 min  
Lab File: BF142403.D  
Acq: 15 May 2025 20:36

Tgt Ion:112 Resp: 1035  
Ion Ratio Lower Upper  
112 100  
64 59.7 48.9 73.3  
63 38.2 25.6 38.4

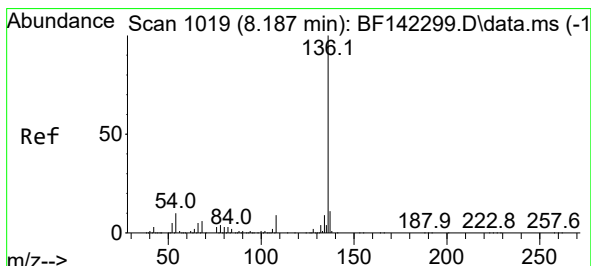
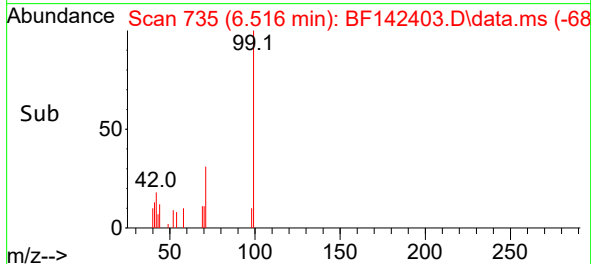
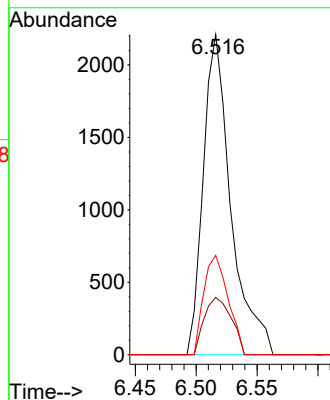
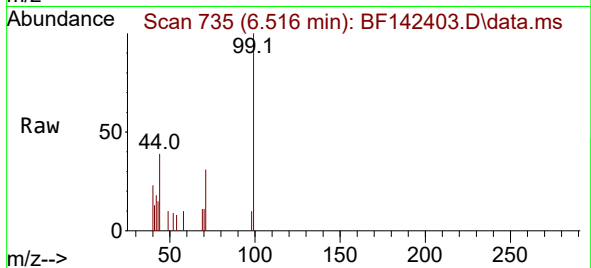




#7  
Phenol-d6  
Concen: 0.323 ng  
RT: 6.516 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF142403.D  
Acq: 15 May 2025 20:36

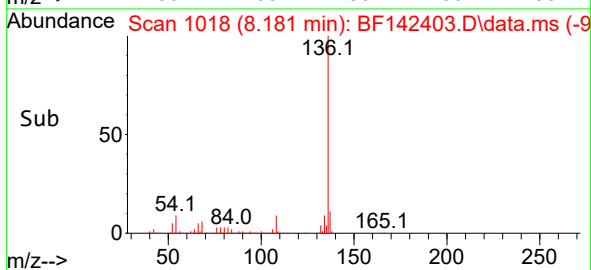
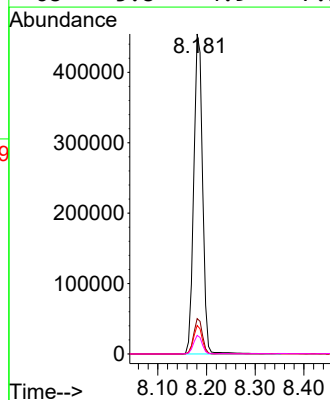
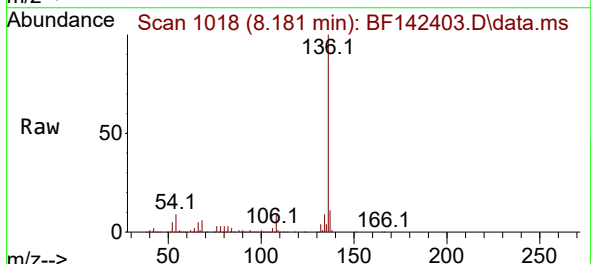
Instrument :  
BNA\_F  
ClientSampleId :  
MOO-25-0148

Tgt Ion: 99 Resp: 3491  
Ion Ratio Lower Upper  
99 100  
42 17.9 17.0 25.4  
71 31.1 25.8 38.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.181 min Scan# 1018  
Delta R.T. -0.006 min  
Lab File: BF142403.D  
Acq: 15 May 2025 20:36

Tgt Ion: 136 Resp: 574156  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.9 13.3  
54 8.9 7.7 11.5  
68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 0.359 ng

RT: 7.457 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF142403.D

Acq: 15 May 2025 20:36

Instrument :

BNA\_F

ClientSampleId :

MOO-25-0148

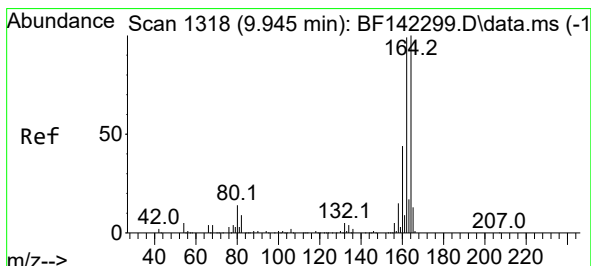
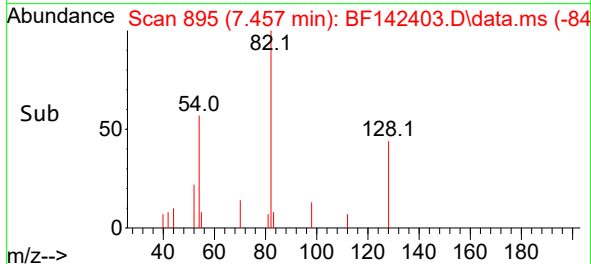
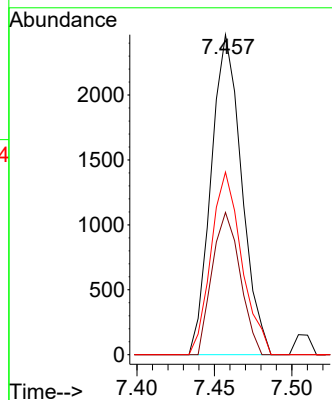
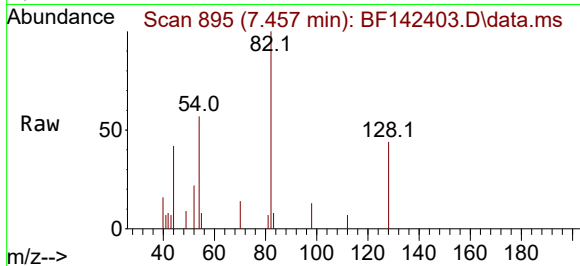
Tgt Ion: 82 Resp: 3378

Ion Ratio Lower Upper

82 100

128 44.5 37.0 55.6

54 57.0 48.6 73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF142403.D

Acq: 15 May 2025 20:36

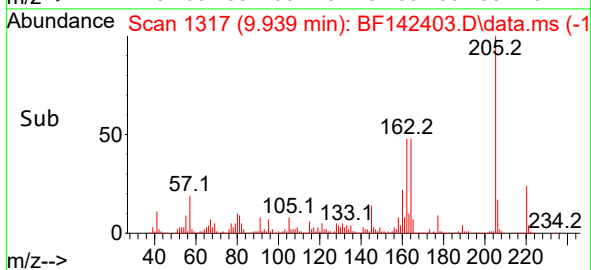
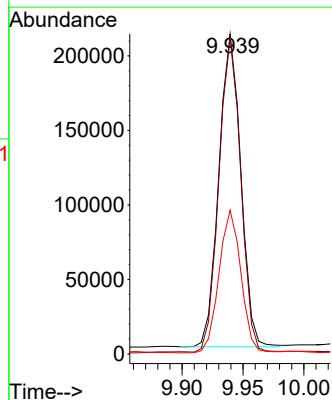
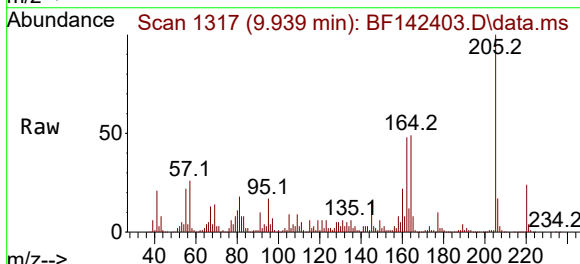
Tgt Ion: 164 Resp: 263483

Ion Ratio Lower Upper

164 100

162 98.7 79.2 118.8

160 44.9 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 0.611 ng

RT: 10.727 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF142403.D

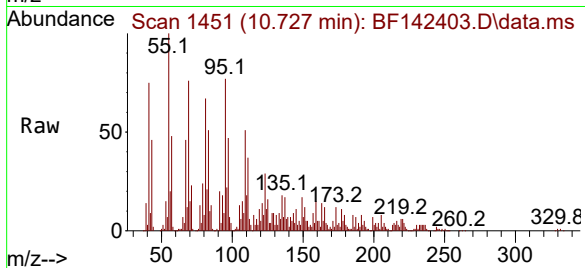
Acq: 15 May 2025 20:36

Instrument :

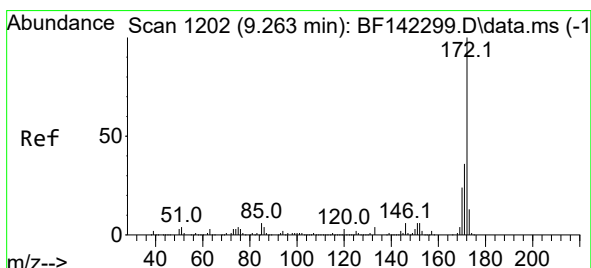
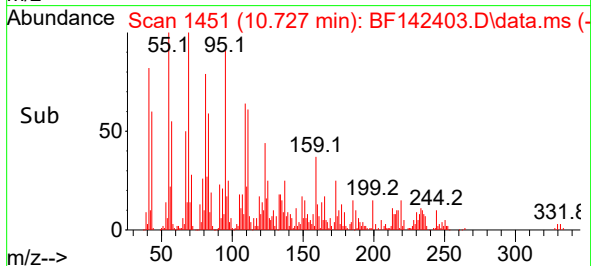
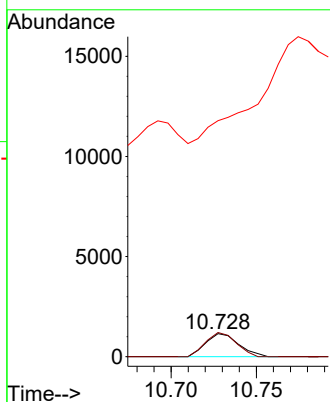
BNA\_F

ClientSampleId :

MOO-25-0148



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 330   | Resp: | 1554  |
| Ion Ratio | Lower | Upper |       |
| 330       | 100   |       |       |
| 332       | 97.0  | 76.8  | 115.2 |
| 141       | 0.0   | 24.9  | 37.3# |



#45

2-Fluorobiphenyl

Concen: 0.715 ng

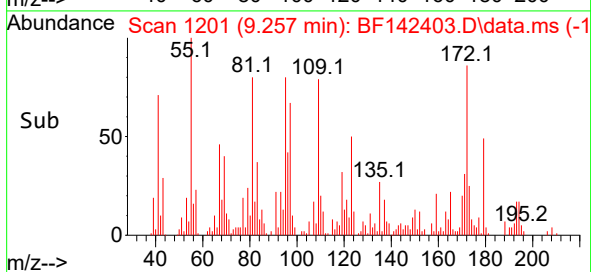
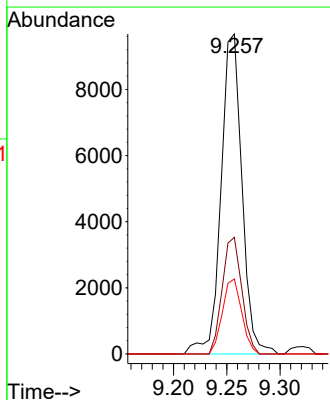
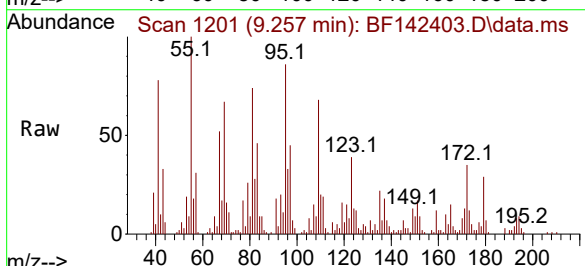
RT: 9.257 min Scan# 1201

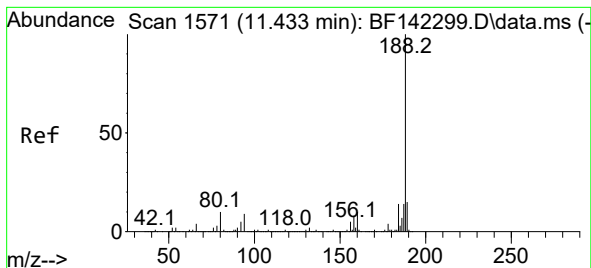
Delta R.T. -0.006 min

Lab File: BF142403.D

Acq: 15 May 2025 20:36

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 13218 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 36.4  | 28.6  | 42.8  |
| 170       | 23.4  | 19.0  | 28.4  |





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142403.D

Acq: 15 May 2025 20:36

Instrument :

BNA\_F

ClientSampleId :

MOO-25-0148

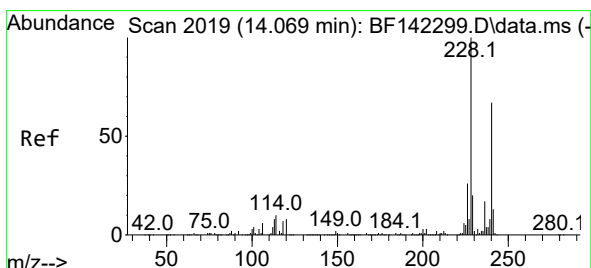
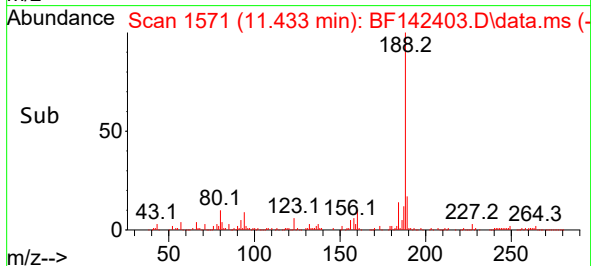
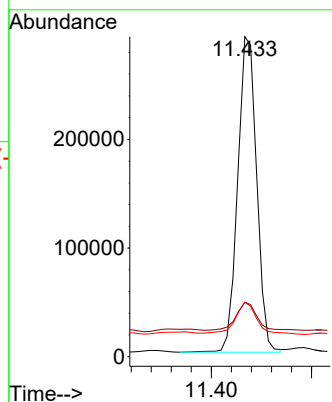
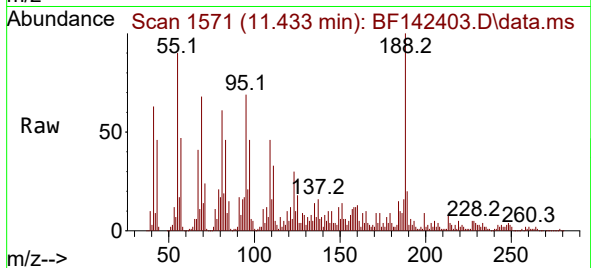
Tgt Ion:188 Resp: 382105

Ion Ratio Lower Upper

188 100

94 17.0 7.5 11.3#

80 16.9 7.9 11.9#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF142403.D

Acq: 15 May 2025 20:36

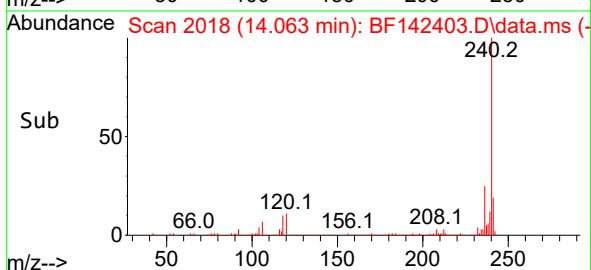
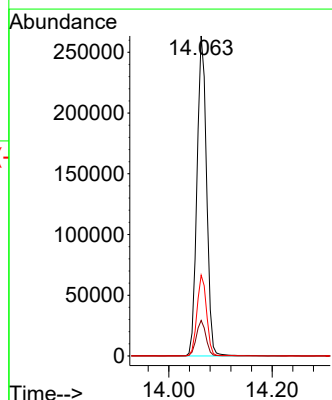
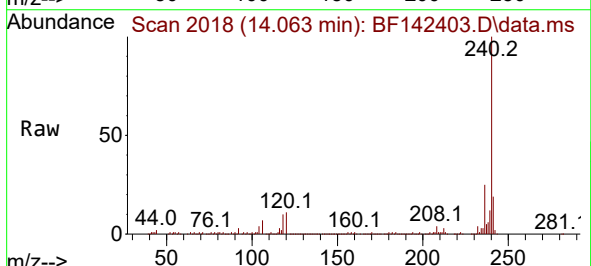
Tgt Ion:240 Resp: 339147

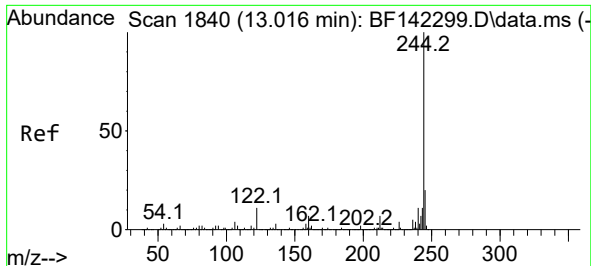
Ion Ratio Lower Upper

240 100

120 11.1 9.7 14.5

236 25.2 20.0 30.0

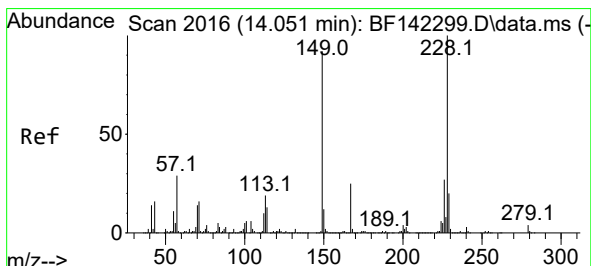
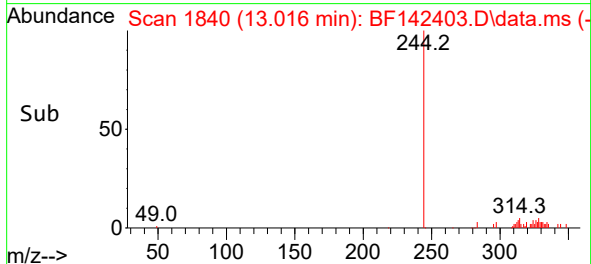
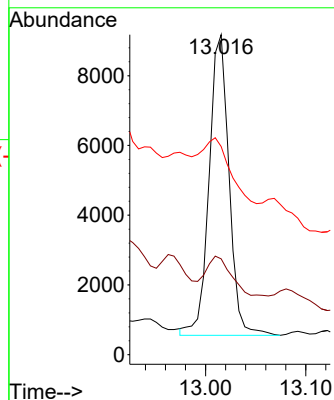
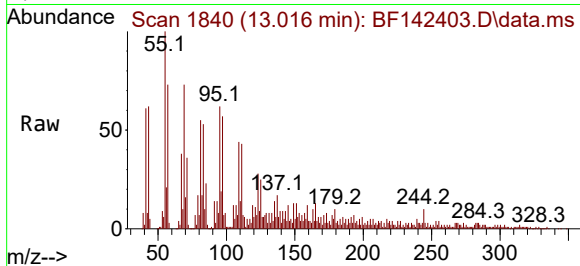




#79  
 Terphenyl-d14  
 Concen: 0.520 ng  
 RT: 13.016 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF142403.D  
 Acq: 15 May 2025 20:36

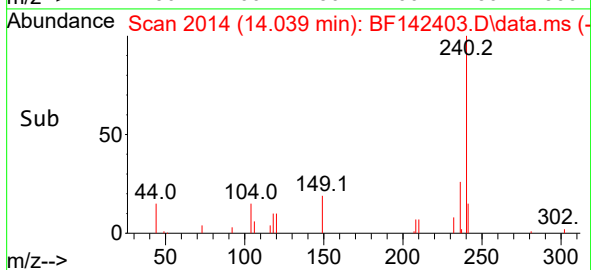
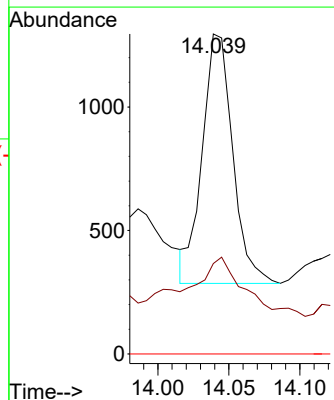
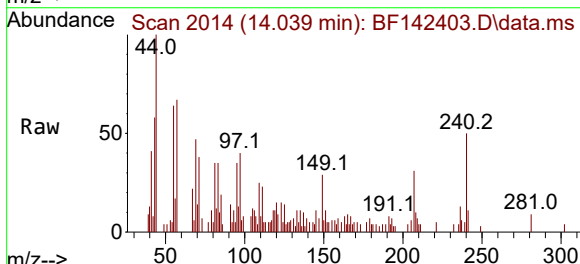
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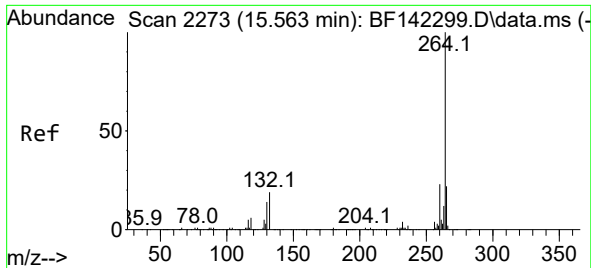
Tgt Ion:244 Resp: 11924  
 Ion Ratio Lower Upper  
 244 100  
 212 29.9 5.4 8.2#  
 122 65.0 9.0 13.4#



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 4.357 ng  
 RT: 14.039 min Scan# 2014  
 Delta R.T. -0.012 min  
 Lab File: BF142403.D  
 Acq: 15 May 2025 20:36

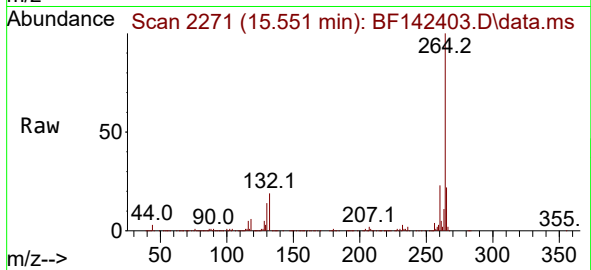
Tgt Ion:149 Resp: 1509  
 Ion Ratio Lower Upper  
 149 100  
 167 28.2 22.0 33.0  
 279 0.0 3.0 4.6#





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.551 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF142403.D  
Acq: 15 May 2025 20:36

Instrument :  
BNA\_F  
ClientSampleId :  
MOO-25-0148



Tgt Ion:264 Resp: 331757  
Ion Ratio Lower Upper  
264 100  
260 23.1 18.6 27.8  
265 21.6 17.5 26.3

