

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051525\  
 Data File : BF142396.D  
 Acq On : 15 May 2025 17:12  
 Operator : RC/JU  
 Sample : Q2022-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 336

Quant Time: May 15 17:45:42 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  | 161564   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.181  | 136  | 620272   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.933  | 164  | 335352   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.422 | 188  | 579228   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 14.063 | 240  | 364052   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.551 | 264  | 353829   | 20.000 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.516  | 112  | 631198   | 66.692 | ng    | 0.00     |
| 7) Phenol-d6                | 6.516  | 99   | 863543   | 74.185 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.457  | 82   | 529867   | 52.098 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.722 | 330  | 246428   | 76.111 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.257  | 172  | 1171813  | 49.824 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.010 | 244  | 1260625  | 51.253 | ng    | 0.00     |

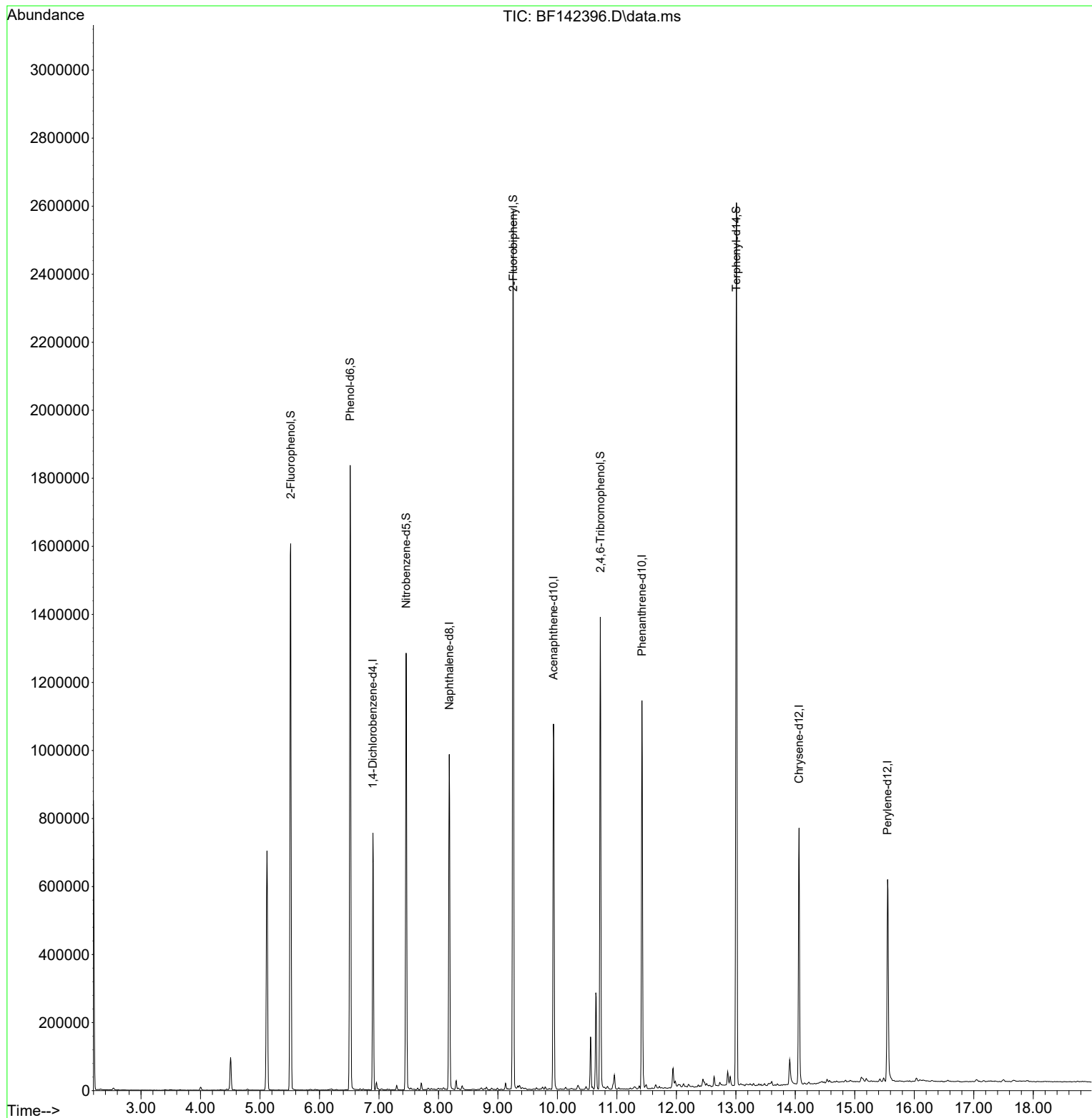
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

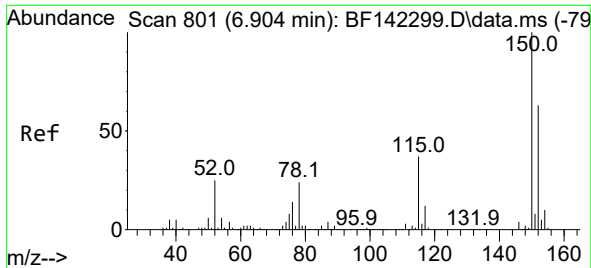
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 5 Sample Multiplier: 1

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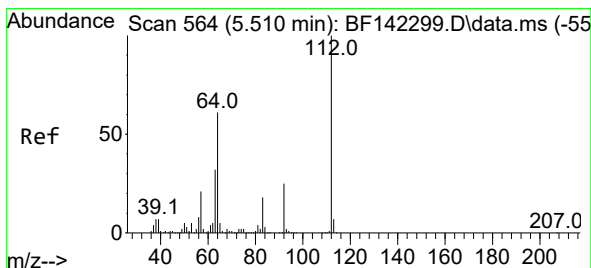
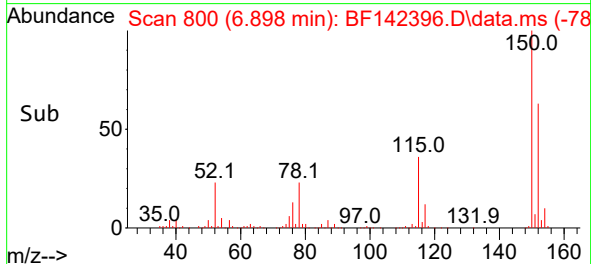
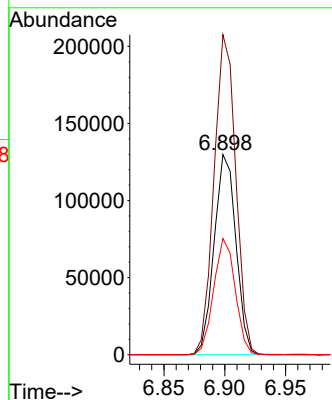
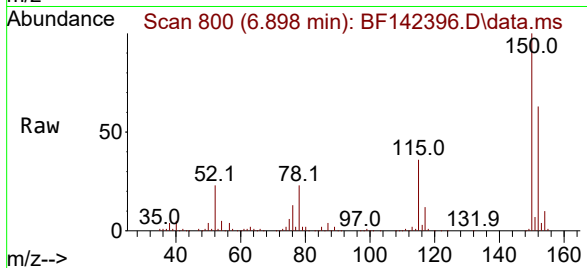




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.898 min Scan# 801  
Delta R.T. -0.006 min  
Lab File: BF142396.D  
Acq: 15 May 2025 17:12

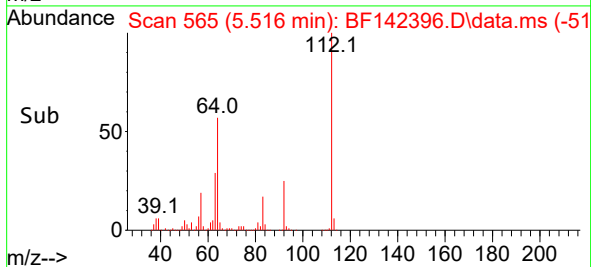
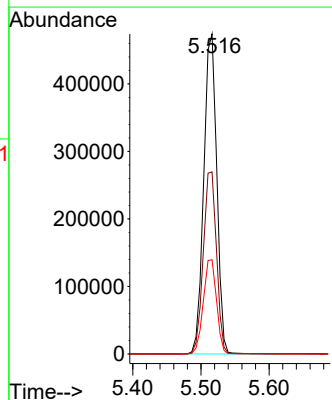
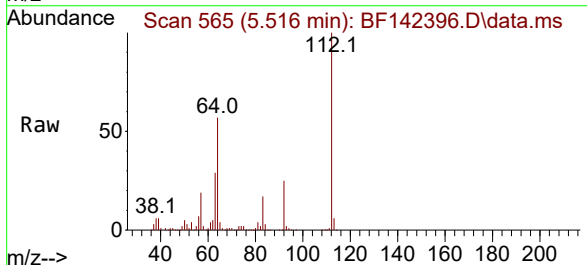
Instrument :  
BNA\_F  
ClientSampleId :  
336

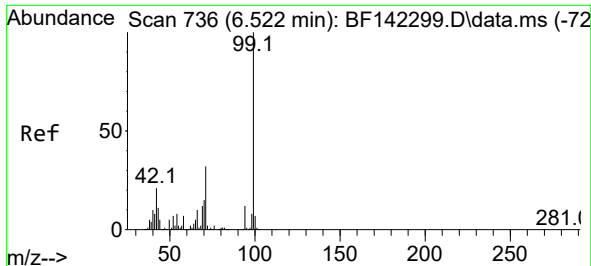
Tgt Ion:152 Resp: 161564  
Ion Ratio Lower Upper  
152 100  
150 159.8 126.6 190.0  
115 58.0 47.3 70.9



#5  
2-Fluorophenol  
Concen: 66.692 ng  
RT: 5.516 min Scan# 565  
Delta R.T. 0.006 min  
Lab File: BF142396.D  
Acq: 15 May 2025 17:12

Tgt Ion:112 Resp: 631198  
Ion Ratio Lower Upper  
112 100  
64 56.9 48.9 73.3  
63 29.5 25.6 38.4

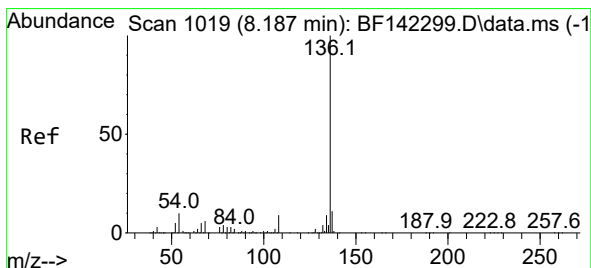
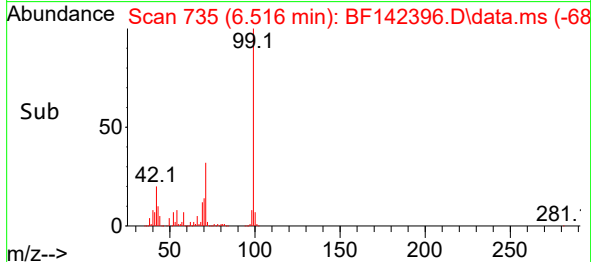
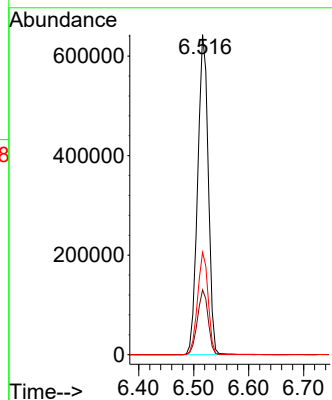
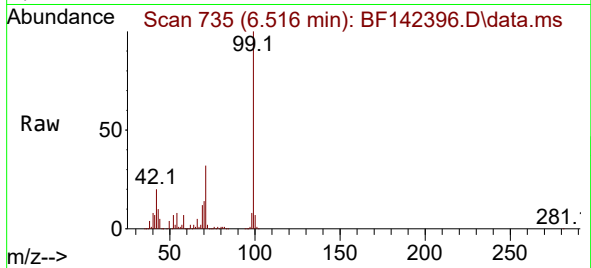




#7  
Phenol-d6  
Concen: 74.185 ng  
RT: 6.516 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF142396.D  
Acq: 15 May 2025 17:12

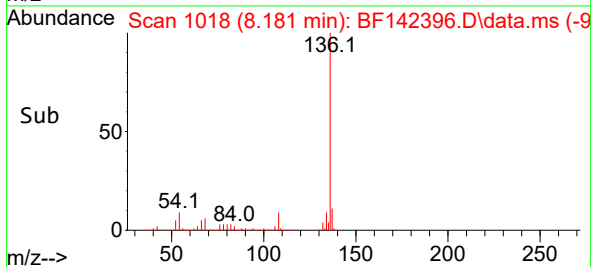
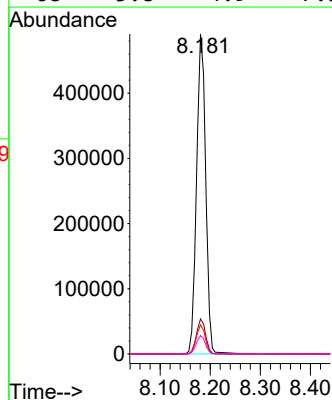
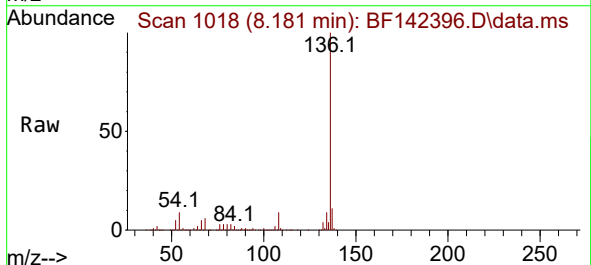
Instrument :  
BNA\_F  
ClientSampleId :  
336

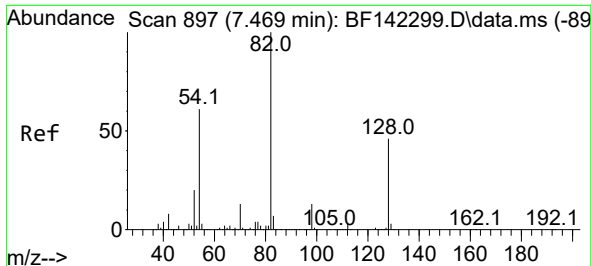
Tgt Ion: 99 Resp: 863543  
Ion Ratio Lower Upper  
99 100  
42 20.3 17.0 25.4  
71 32.0 25.8 38.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.181 min Scan# 1018  
Delta R.T. -0.006 min  
Lab File: BF142396.D  
Acq: 15 May 2025 17:12

Tgt Ion: 136 Resp: 620272  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.9 13.3  
54 9.1 7.7 11.5  
68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 52.098 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142396.D

Acq: 15 May 2025 17:12

Instrument :

BNA\_F

ClientSampleId :

336

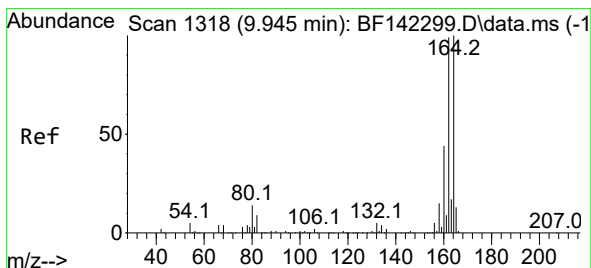
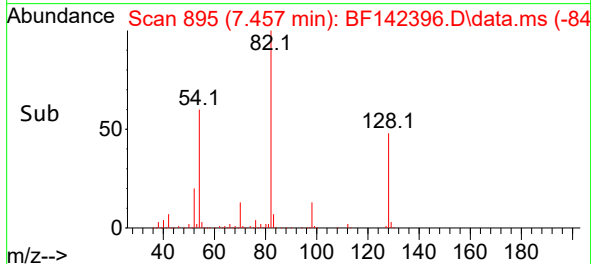
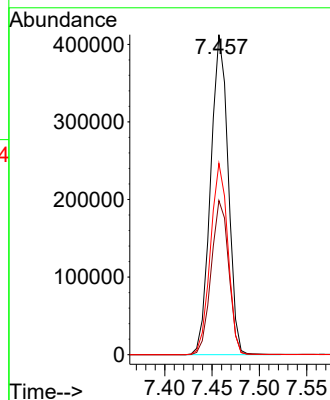
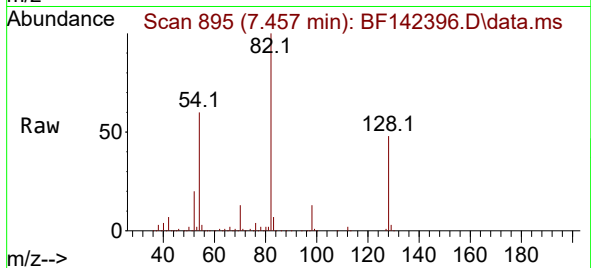
Tgt Ion: 82 Resp: 529867

Ion Ratio Lower Upper

82 100

128 48.1 37.0 55.6

54 59.8 48.6 73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF142396.D

Acq: 15 May 2025 17:12

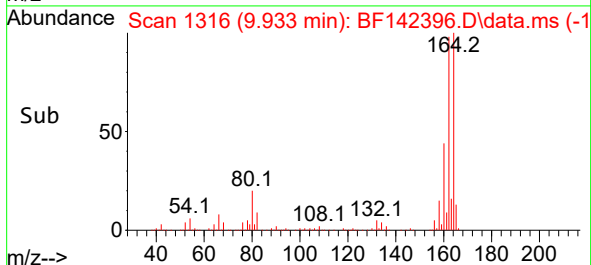
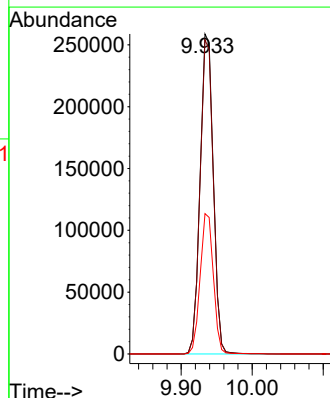
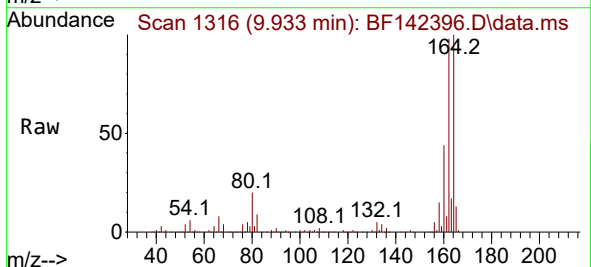
Tgt Ion:164 Resp: 335352

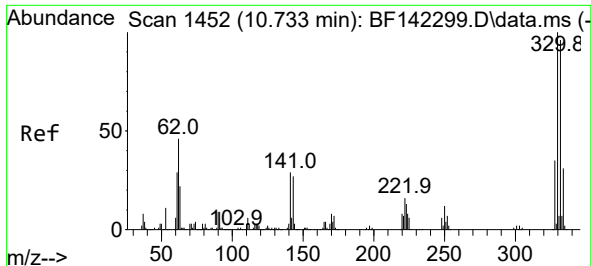
Ion Ratio Lower Upper

164 100

162 98.2 79.2 118.8

160 43.9 35.3 52.9

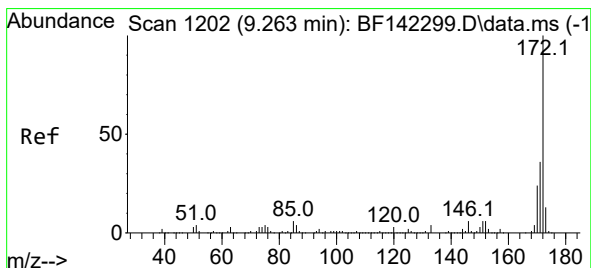
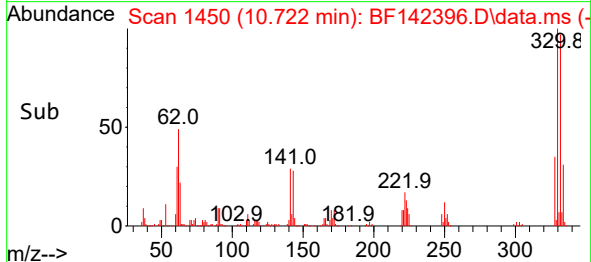
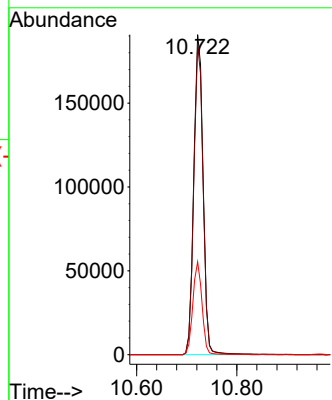
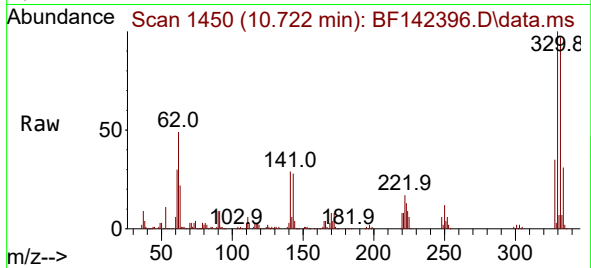




#42  
2,4,6-Tribromophenol  
Concen: 76.111 ng  
RT: 10.722 min Scan# 1450  
Delta R.T. -0.012 min  
Lab File: BF142396.D  
Acq: 15 May 2025 17:12

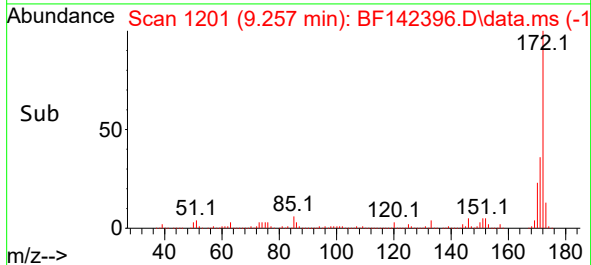
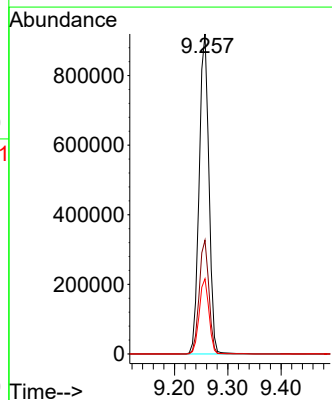
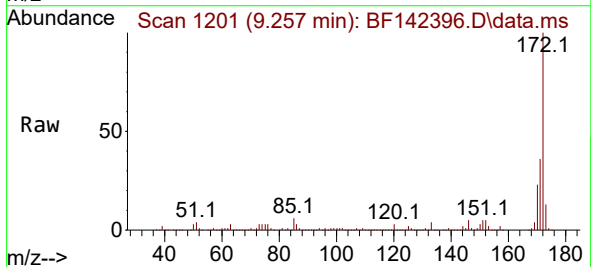
Instrument :  
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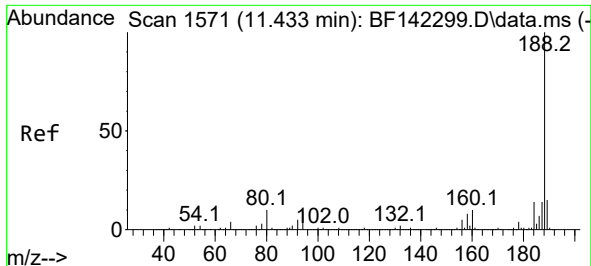
Tgt Ion:330 Resp: 246428  
Ion Ratio Lower Upper  
330 100  
332 96.4 76.8 115.2  
141 28.6 24.9 37.3



#45  
2-Fluorobiphenyl  
Concen: 49.824 ng  
RT: 9.257 min Scan# 1201  
Delta R.T. -0.006 min  
Lab File: BF142396.D  
Acq: 15 May 2025 17:12

Tgt Ion:172 Resp: 1171813  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.6 42.8  
170 23.5 19.0 28.4

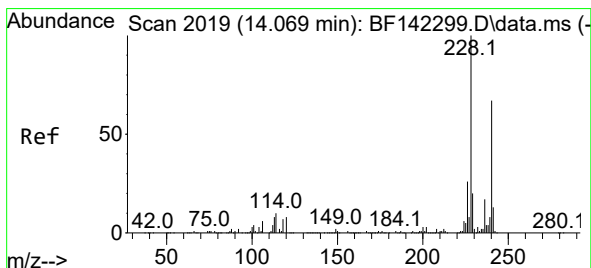
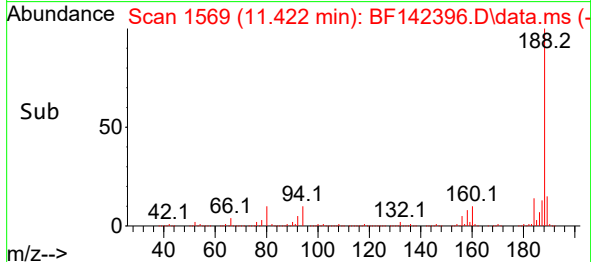
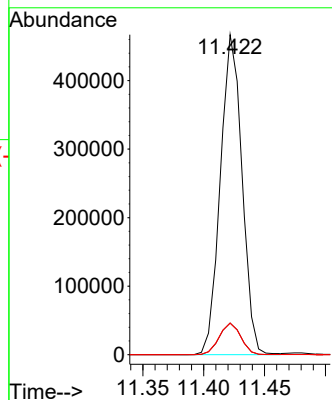
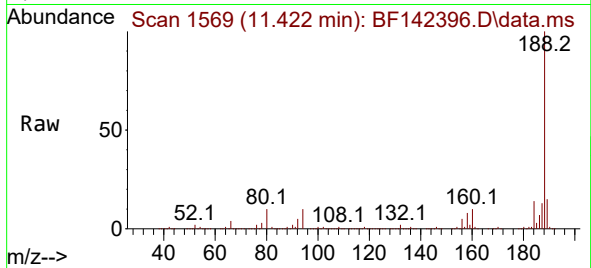




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.422 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF142396.D  
Acq: 15 May 2025 17:12

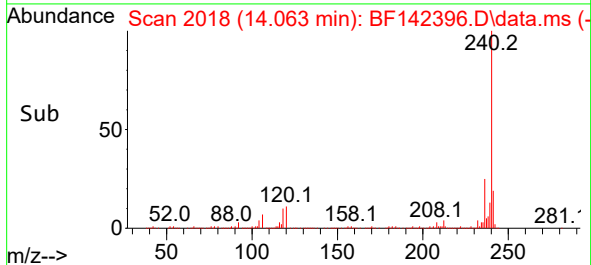
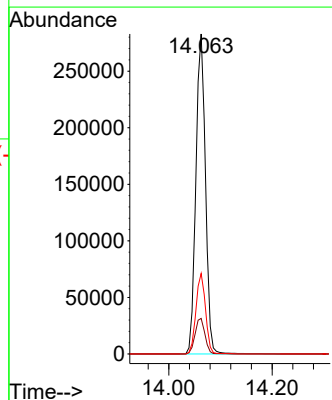
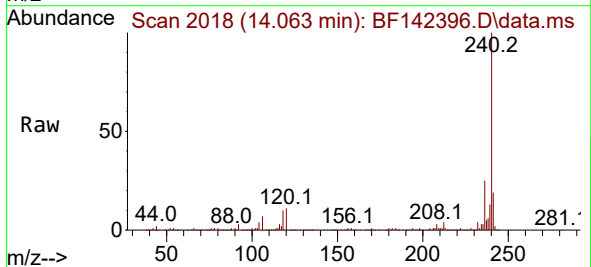
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BNA\_F  
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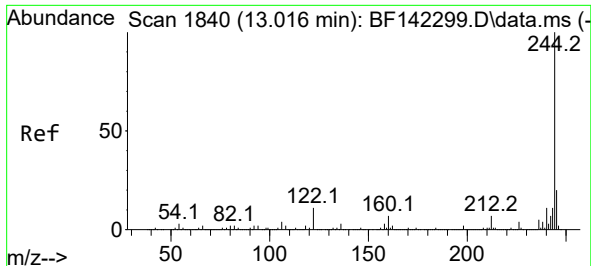
Tgt Ion:188 Resp: 579228  
Ion Ratio Lower Upper  
188 100  
94 9.9 7.5 11.3  
80 9.9 7.9 11.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 2018  
Delta R.T. -0.006 min  
Lab File: BF142396.D  
Acq: 15 May 2025 17:12

Tgt Ion:240 Resp: 364052  
Ion Ratio Lower Upper  
240 100  
120 11.1 9.7 14.5  
236 25.2 20.0 30.0

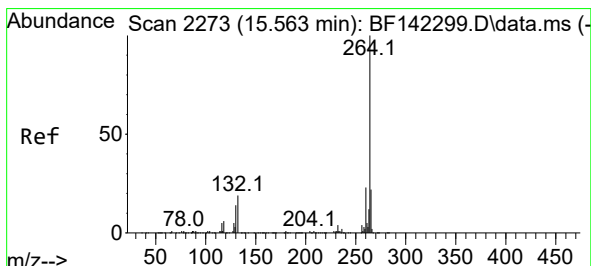
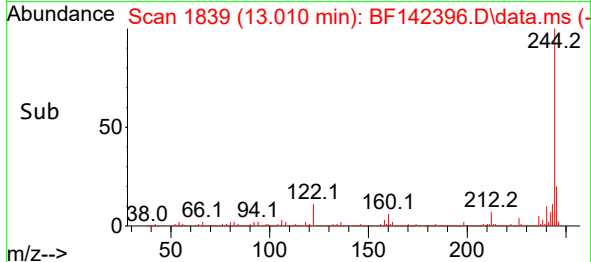
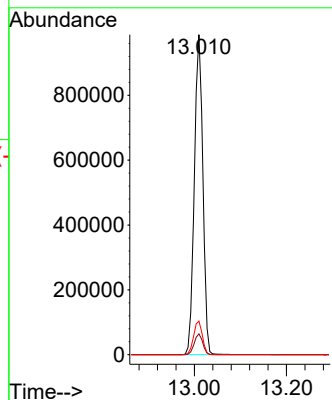
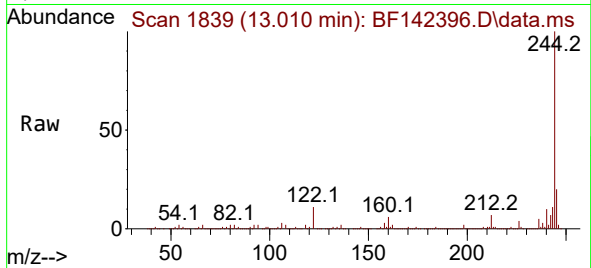




#79  
 Terphenyl-d14  
 Concen: 51.253 ng  
 RT: 13.010 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF142396.D  
 Acq: 15 May 2025 17:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
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Tgt Ion:244 Resp: 1260625  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.4 8.2  
 122 10.5 9.0 13.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.551 min Scan# 2271  
 Delta R.T. -0.012 min  
 Lab File: BF142396.D  
 Acq: 15 May 2025 17:12

Tgt Ion:264 Resp: 353829  
 Ion Ratio Lower Upper  
 264 100  
 260 23.1 18.6 27.8  
 265 22.0 17.5 26.3

