

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082225\  
 Data File : BF143569.D  
 Acq On : 22 Aug 2025 13:29  
 Operator : RC/JU  
 Sample : Q2903-04  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-1B-081925

Quant Time: Aug 22 13:56:14 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 21 06:12:21 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.922  | 152  | 111726   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.204  | 136  | 450143   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.963  | 164  | 273559   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.451 | 188  | 493633   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.092 | 240  | 289120   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.592 | 264  | 236894   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.563  | 112  | 458711   | 71.692  | ng    | 0.00     |
| 7) Phenol-d6                | 6.557  | 99   | 386104   | 48.884  | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.487  | 82   | 752210   | 97.514  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.757 | 330  | 416335   | 163.497 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.281  | 172  | 1387603  | 83.830  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.039 | 244  | 1634621  | 98.661  | ng    | 0.00     |

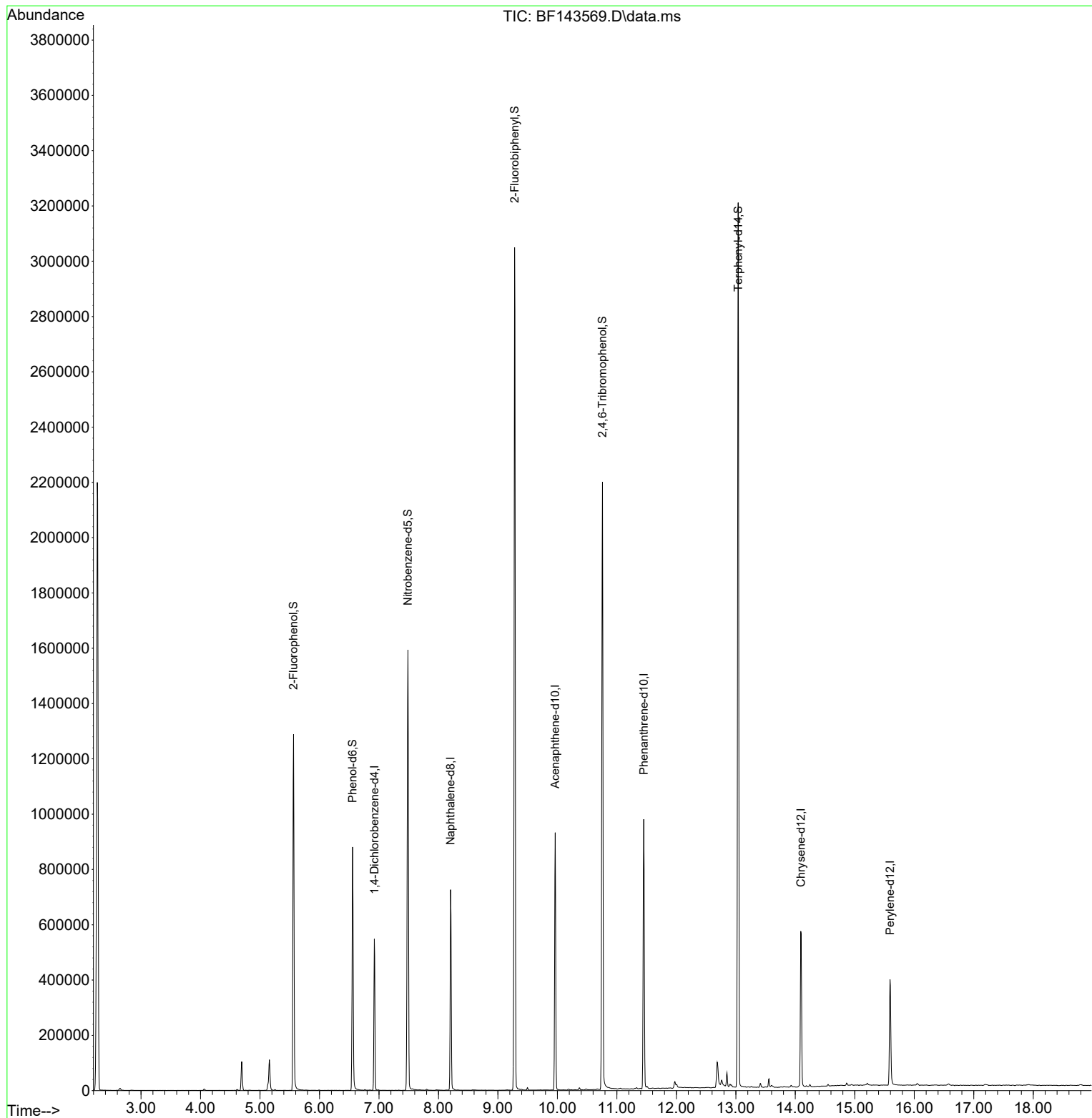
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

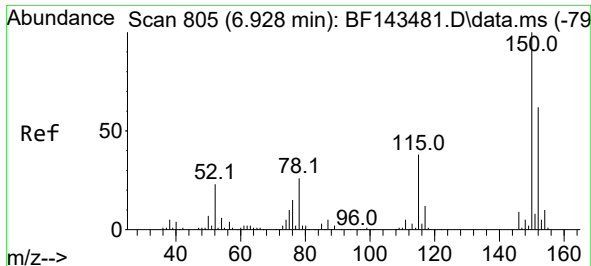
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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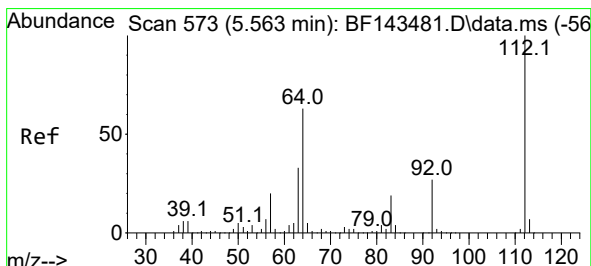
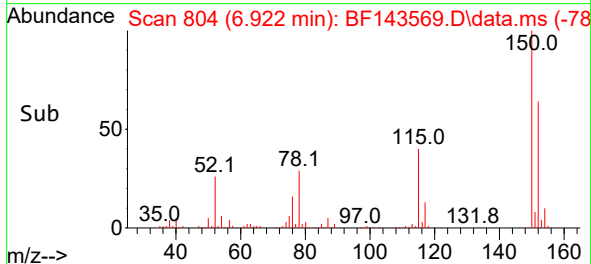
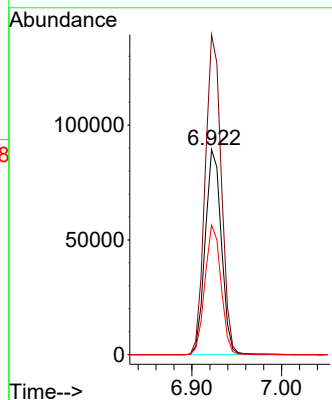
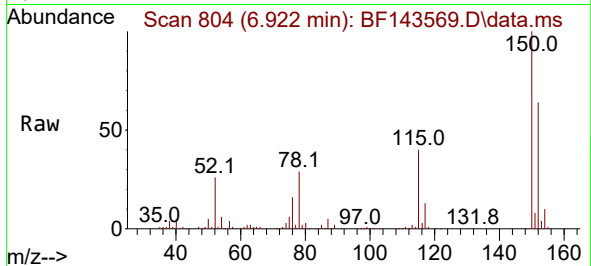




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.922 min Scan# 805  
Delta R.T. -0.006 min  
Lab File: BF143569.D  
Acq: 22 Aug 2025 13:29

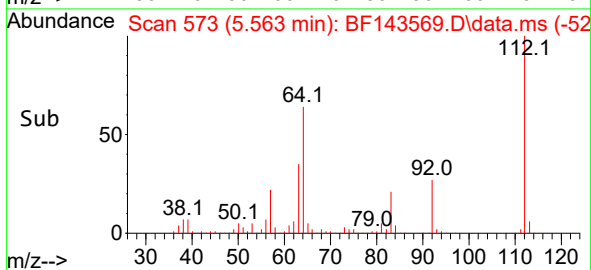
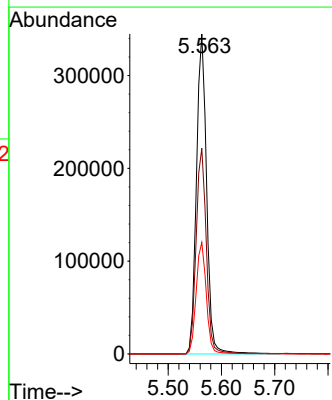
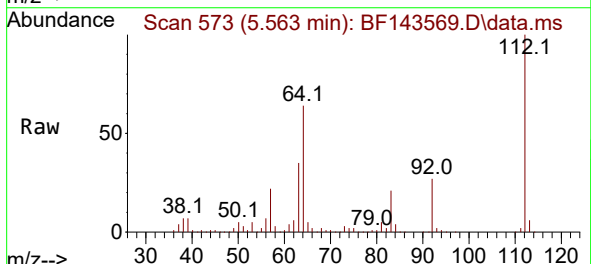
Instrument :  
BNA\_F  
ClientSampleId :  
MW-1B-081925

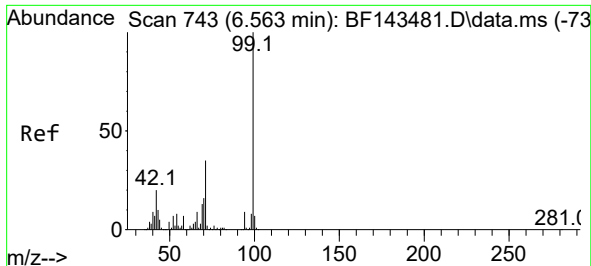
Tgt Ion:152 Resp: 111726  
Ion Ratio Lower Upper  
152 100  
150 156.0 128.9 193.3  
115 63.2 49.2 73.8



#5  
2-Fluorophenol  
Concen: 71.692 ng  
RT: 5.563 min Scan# 573  
Delta R.T. -0.000 min  
Lab File: BF143569.D  
Acq: 22 Aug 2025 13:29

Tgt Ion:112 Resp: 458711  
Ion Ratio Lower Upper  
112 100  
64 64.3 50.4 75.6  
63 34.8 26.4 39.6

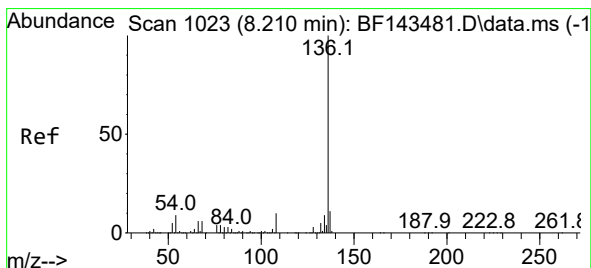
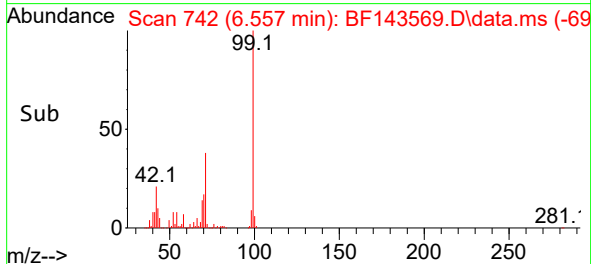
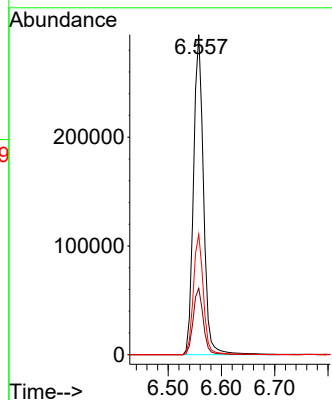
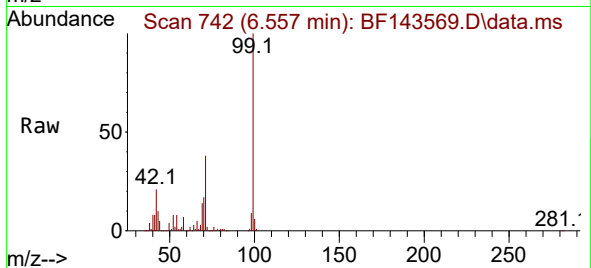




#7  
Phenol-d6  
Concen: 48.884 ng  
RT: 6.557 min Scan# 743  
Delta R.T. -0.018 min  
Lab File: BF143569.D  
Acq: 22 Aug 2025 13:29

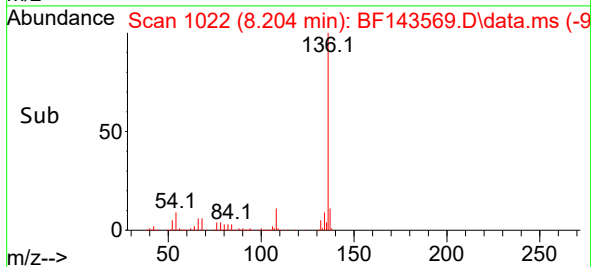
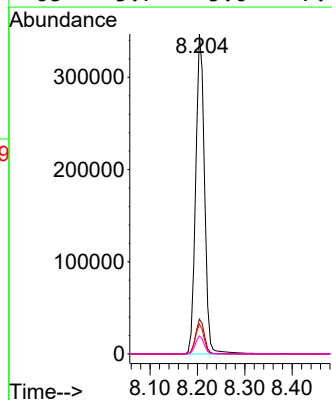
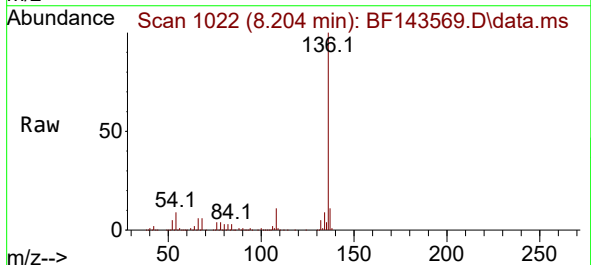
Instrument :  
BNA\_F  
ClientSampleId :  
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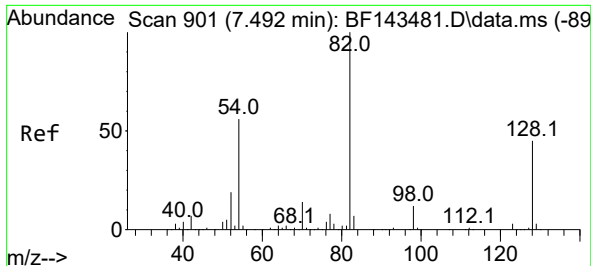
Tgt Ion: 99 Resp: 386104  
Ion Ratio Lower Upper  
99 100  
42 20.8 16.3 24.5  
71 37.6 28.2 42.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.204 min Scan# 1022  
Delta R.T. -0.006 min  
Lab File: BF143569.D  
Acq: 22 Aug 2025 13:29

Tgt Ion: 136 Resp: 450143  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.0 13.4  
54 9.4 7.4 11.2  
68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 97.514 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF143569.D

Acq: 22 Aug 2025 13:29

Instrument :

BNA\_F

ClientSampleId :

MW-1B-081925

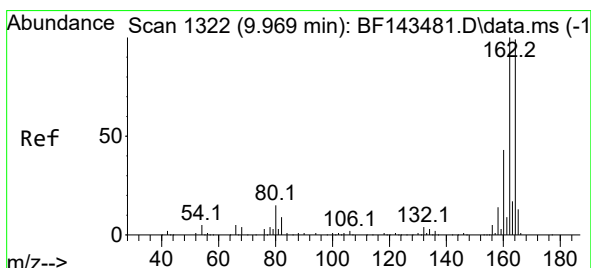
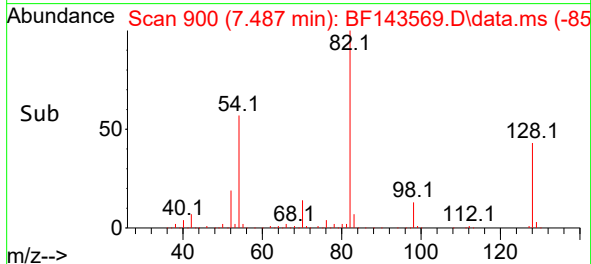
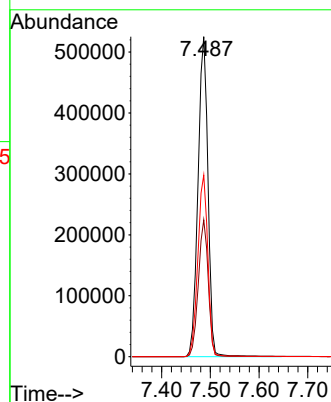
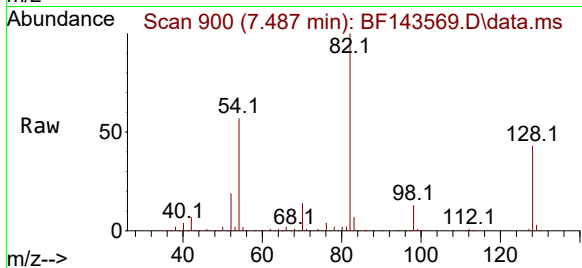
Tgt Ion: 82 Resp: 752210

Ion Ratio Lower Upper

82 100

128 42.8 35.5 53.3

54 56.8 44.3 66.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF143569.D

Acq: 22 Aug 2025 13:29

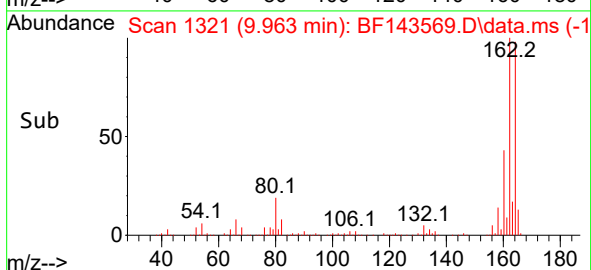
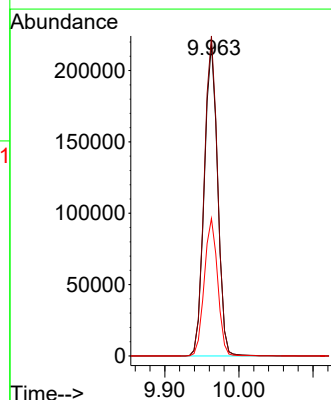
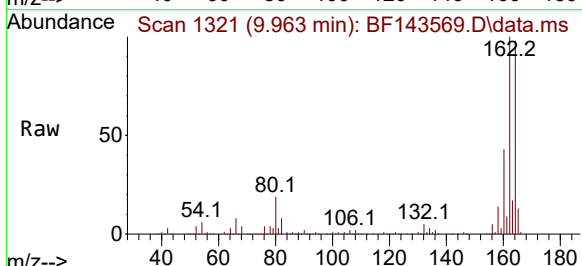
Tgt Ion: 164 Resp: 273559

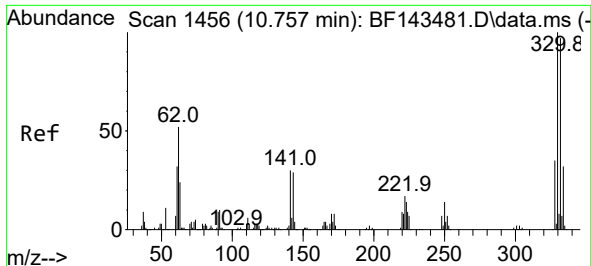
Ion Ratio Lower Upper

164 100

162 102.5 80.5 120.7

160 44.0 34.3 51.5





#42

2,4,6-Tribromophenol

Concen: 163.497 ng

RT: 10.757 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF143569.D

Acq: 22 Aug 2025 13:29

Instrument :

BNA\_F

ClientSampleId :

MW-1B-081925

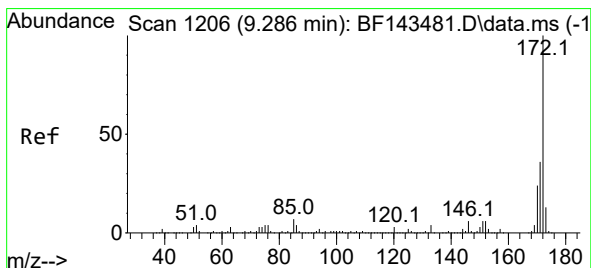
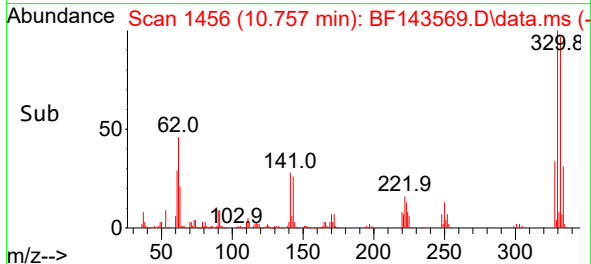
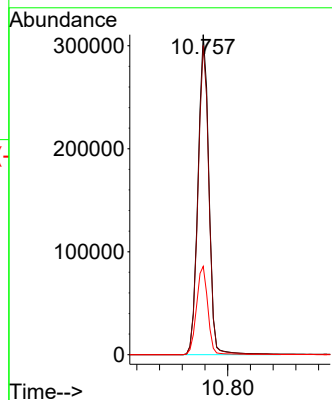
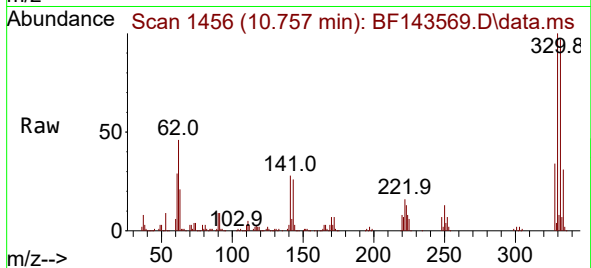
Tgt Ion:330 Resp: 416335

Ion Ratio Lower Upper

330 100

332 96.7 78.0 117.0

141 28.8 23.7 35.5



#45

2-Fluorobiphenyl

Concen: 83.830 ng

RT: 9.281 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF143569.D

Acq: 22 Aug 2025 13:29

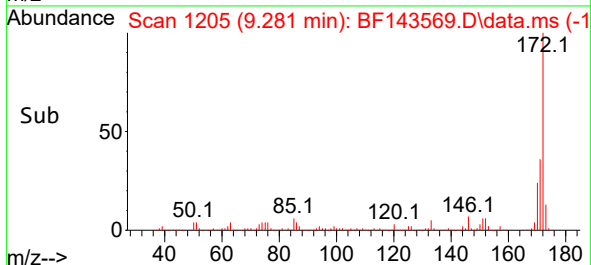
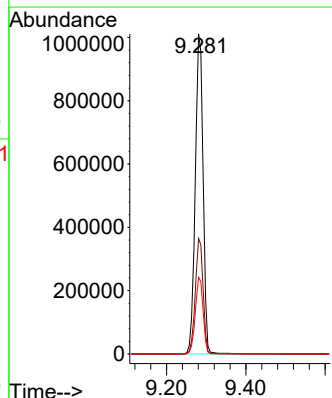
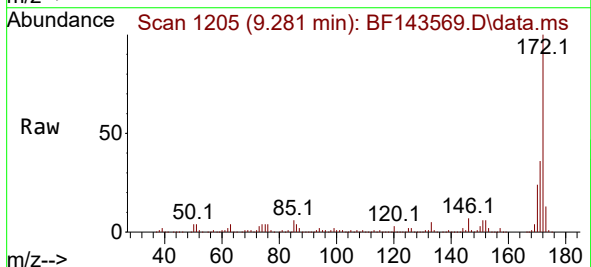
Tgt Ion:172 Resp: 1387603

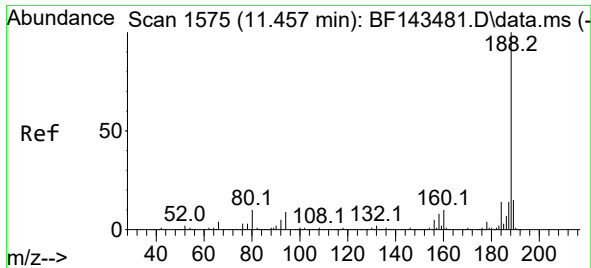
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.9 18.8 28.2

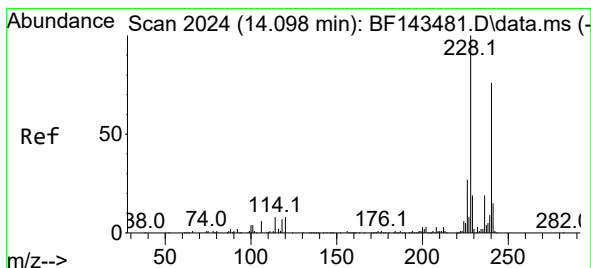
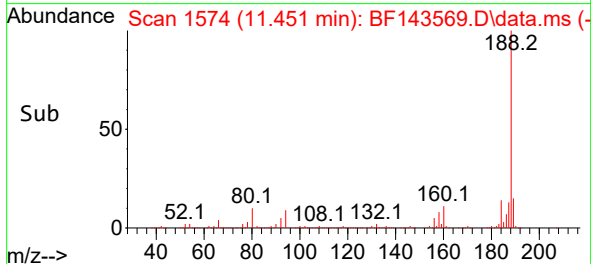
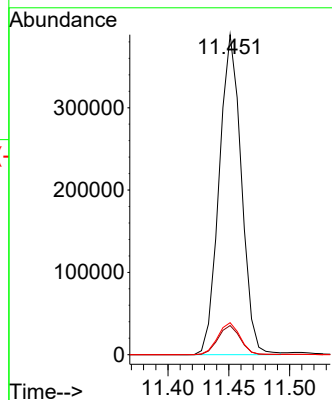
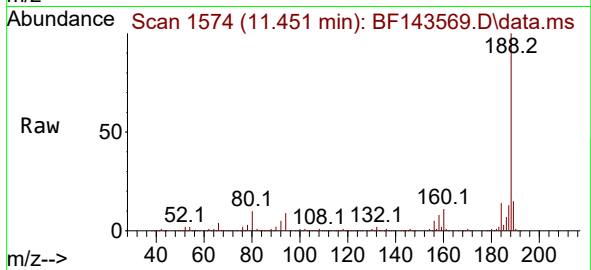




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.451 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF143569.D  
Acq: 22 Aug 2025 13:29

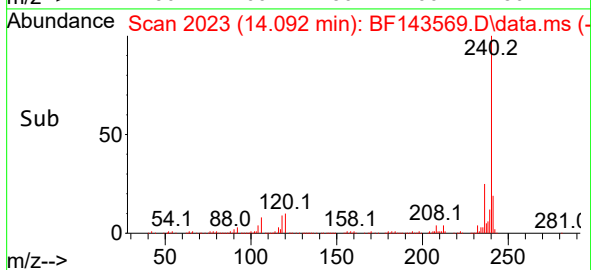
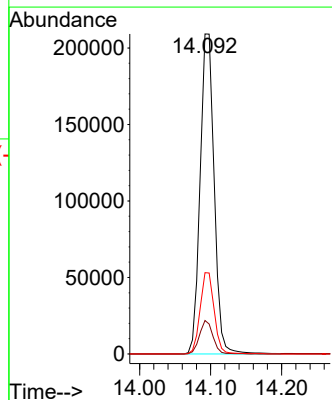
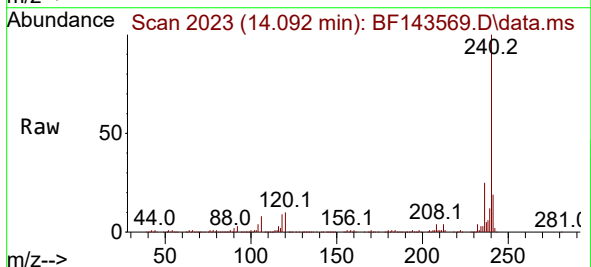
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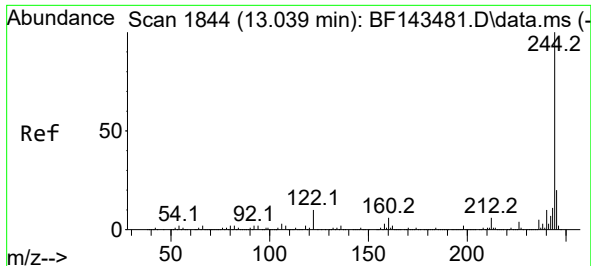
Tgt Ion:188 Resp: 493633  
Ion Ratio Lower Upper  
188 100  
94 9.1 7.4 11.2  
80 10.0 8.2 12.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.092 min Scan# 2023  
Delta R.T. -0.012 min  
Lab File: BF143569.D  
Acq: 22 Aug 2025 13:29

Tgt Ion:240 Resp: 289120  
Ion Ratio Lower Upper  
240 100  
120 10.4 8.6 12.8  
236 25.4 20.4 30.6

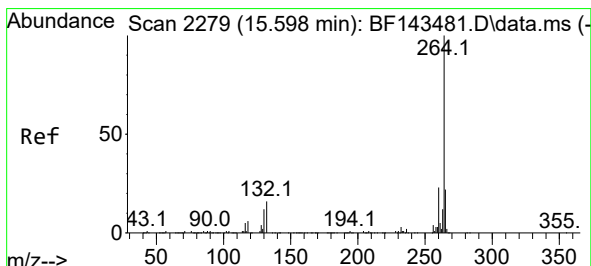
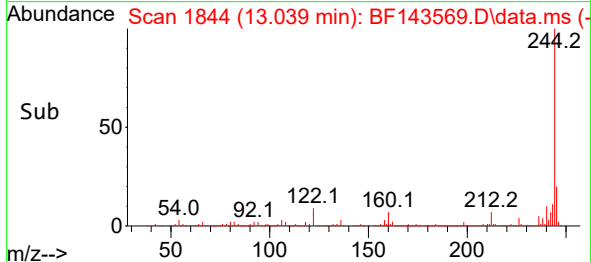
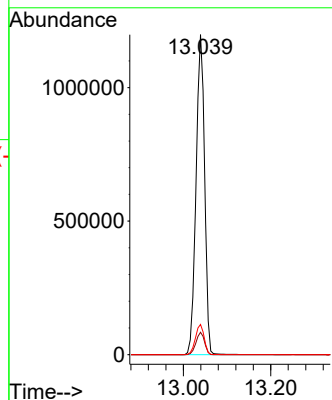
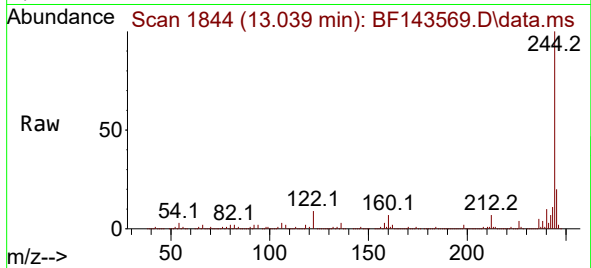




#79  
 Terphenyl-d14  
 Concen: 98.661 ng  
 RT: 13.039 min Scan# 1844  
 Delta R.T. -0.000 min  
 Lab File: BF143569.D  
 Acq: 22 Aug 2025 13:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
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Tgt Ion:244 Resp: 1634621  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.2 7.8  
 122 9.5 7.9 11.9



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.592 min Scan# 2278  
 Delta R.T. -0.006 min  
 Lab File: BF143569.D  
 Acq: 22 Aug 2025 13:29

Tgt Ion:264 Resp: 236894  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 18.7 28.1  
 265 21.6 17.6 26.4

