

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081825\  
 Data File : BF143430.D  
 Acq On : 18 Aug 2025 09:35  
 Operator : RC/JU  
 Sample : PB169212TB  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB169212TB

Quant Time: Aug 18 12:14:52 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF081525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 18 04:40:19 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.928  | 152  | 132193   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.204  | 136  | 514539   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.963  | 164  | 291463   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.445 | 188  | 501580   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.086 | 240  | 313116   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.574 | 264  | 239207   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.569  | 112  | 942761   | 123.972 | ng    | 0.01     |
| 7) Phenol-d6                | 6.557  | 99   | 1186943  | 123.852 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.481  | 82   | 777125   | 89.621  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.751 | 330  | 350867   | 135.248 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.281  | 172  | 1462968  | 84.426  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.027 | 244  | 1645028  | 88.255  | ng    | 0.00     |

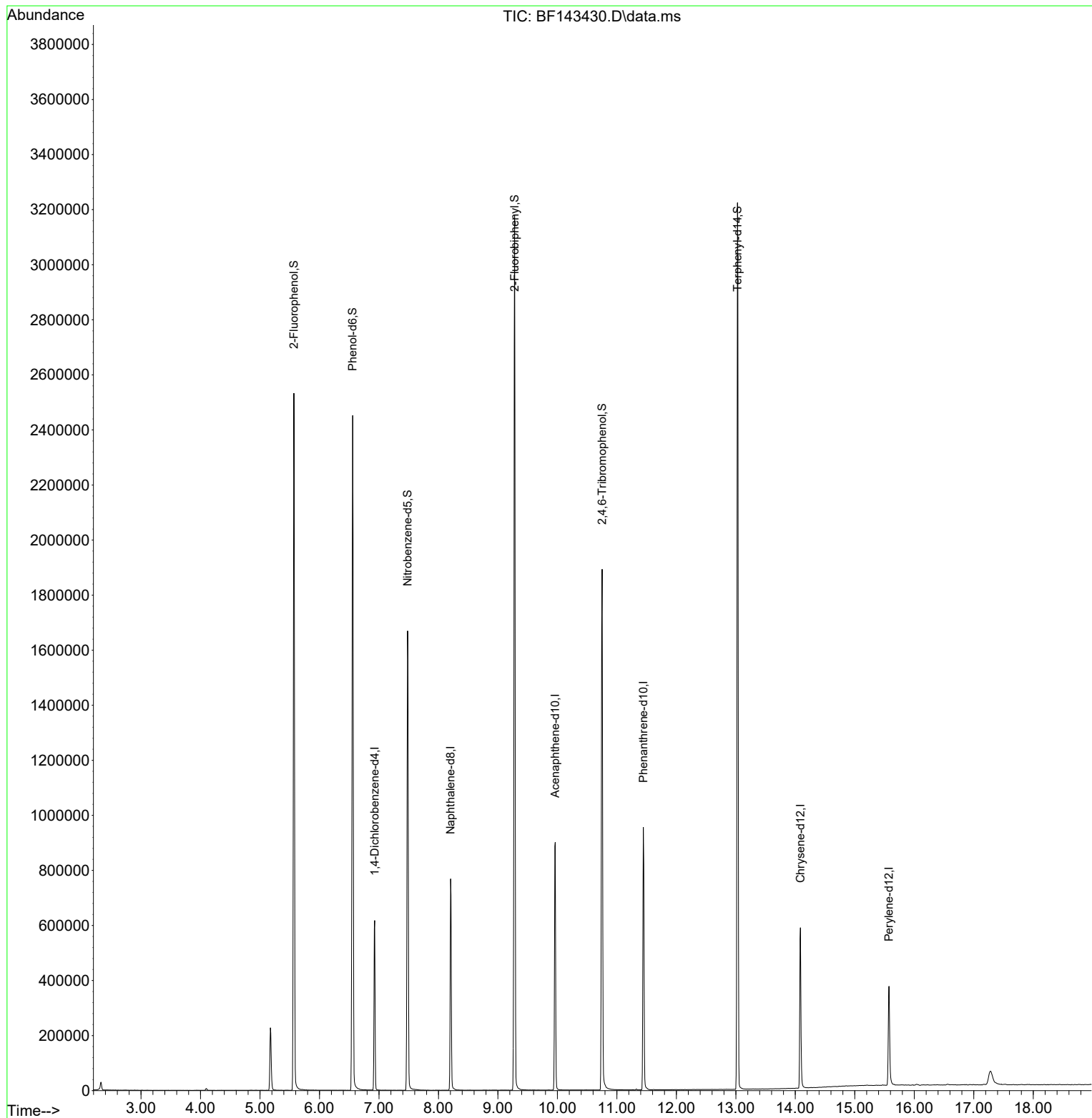
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

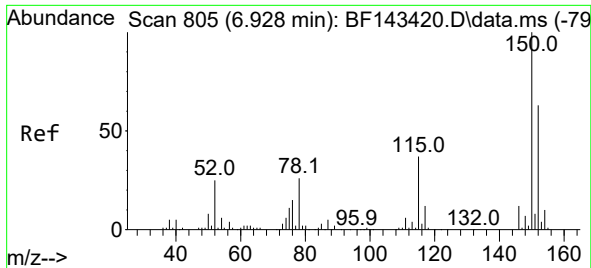
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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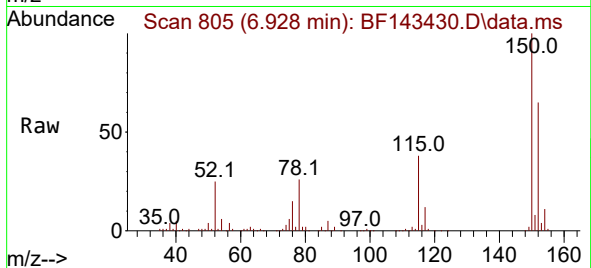
Quant Time: Aug 18 12:14:52 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF081525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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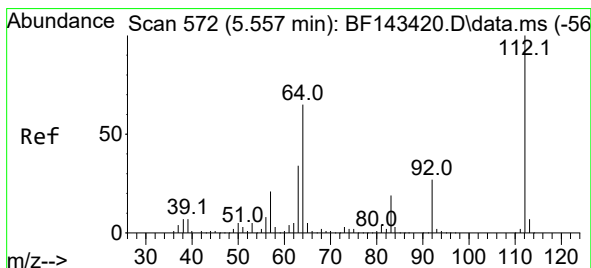
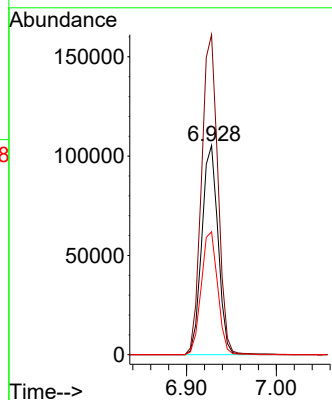
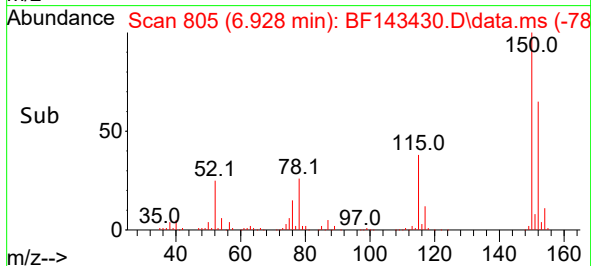


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.928 min Scan# 805  
Delta R.T. -0.000 min  
Lab File: BF143430.D  
Acq: 18 Aug 2025 09:35

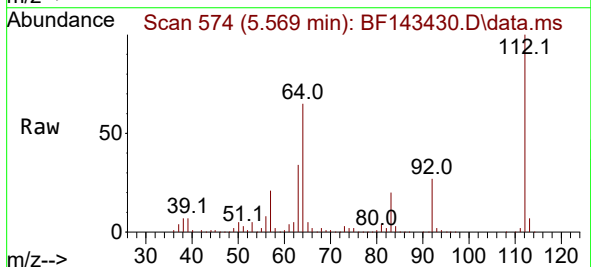
Instrument :  
BNA\_F  
ClientSampleId :  
PB169212TB



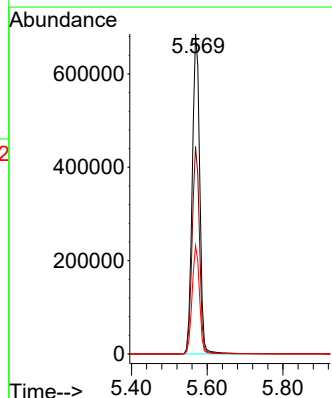
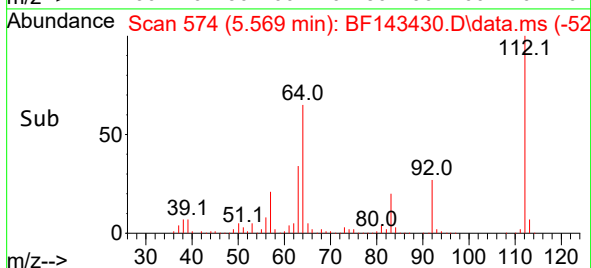
Tgt Ion:152 Resp: 132193  
Ion Ratio Lower Upper  
152 100  
150 152.9 127.4 191.2  
115 58.7 47.5 71.3

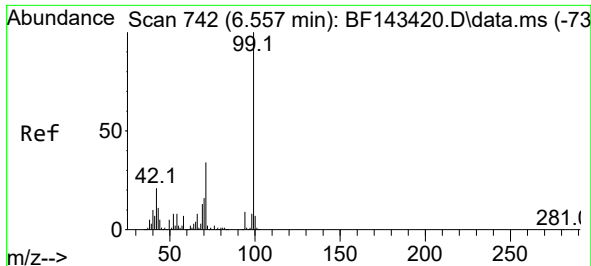


#5  
2-Fluorophenol  
Concen: 123.972 ng  
RT: 5.569 min Scan# 574  
Delta R.T. 0.012 min  
Lab File: BF143430.D  
Acq: 18 Aug 2025 09:35



Tgt Ion:112 Resp: 942761  
Ion Ratio Lower Upper  
112 100  
64 64.8 52.2 78.2  
63 33.8 27.0 40.6

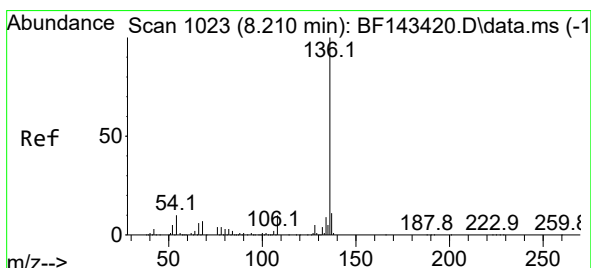
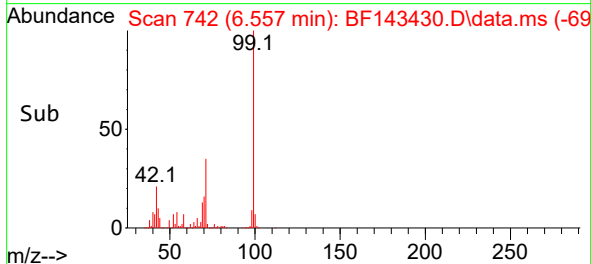
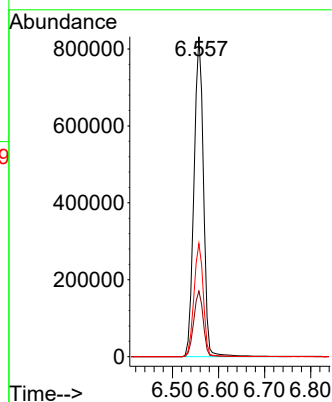
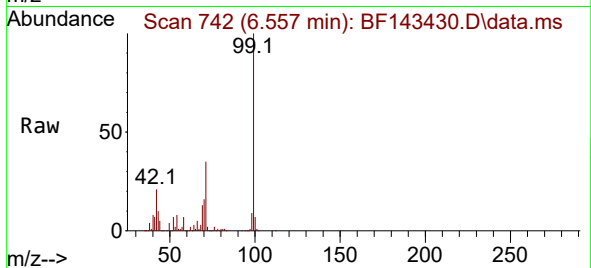




#7  
Phenol-d6  
Concen: 123.852 ng  
RT: 6.557 min Scan# 742  
Delta R.T. -0.000 min  
Lab File: BF143430.D  
Acq: 18 Aug 2025 09:35

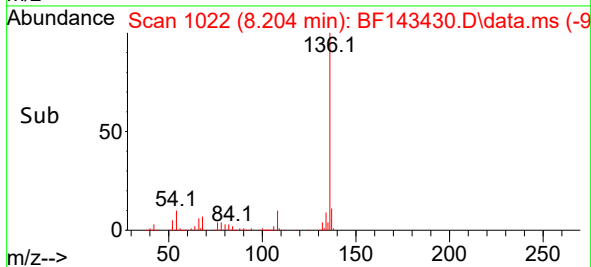
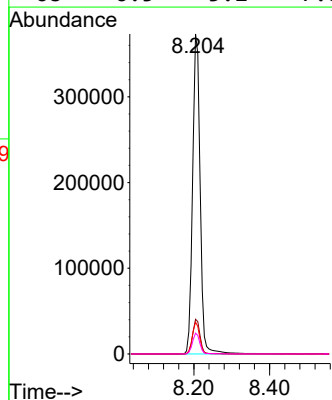
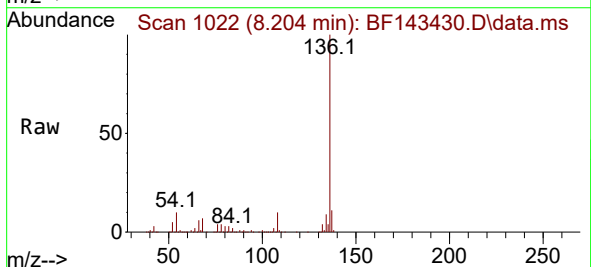
Instrument :  
BNA\_F  
ClientSampleId :  
PB169212TB

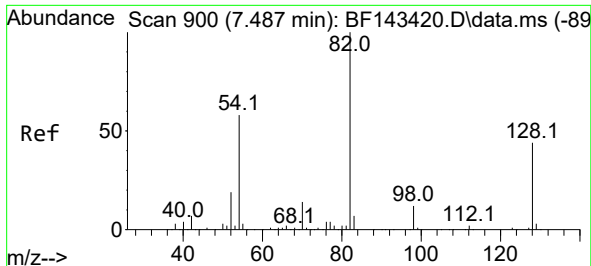
Tgt Ion: 99 Resp: 1186943  
Ion Ratio Lower Upper  
99 100  
42 20.5 17.0 25.6  
71 35.3 27.4 41.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.204 min Scan# 1022  
Delta R.T. -0.006 min  
Lab File: BF143430.D  
Acq: 18 Aug 2025 09:35

Tgt Ion: 136 Resp: 514539  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 10.0 7.8 11.8  
68 6.5 5.2 7.8

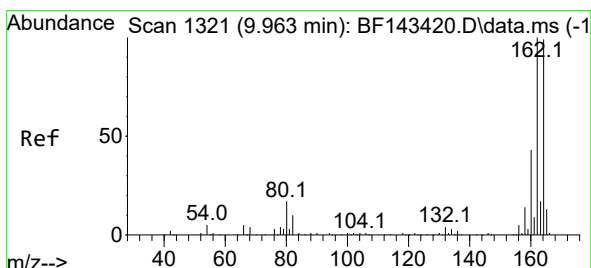
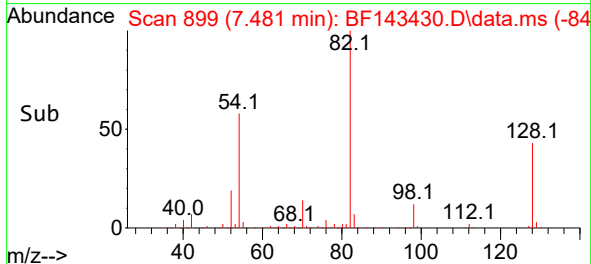
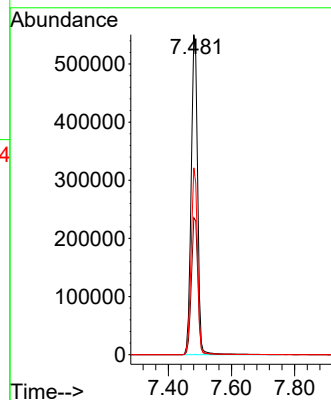
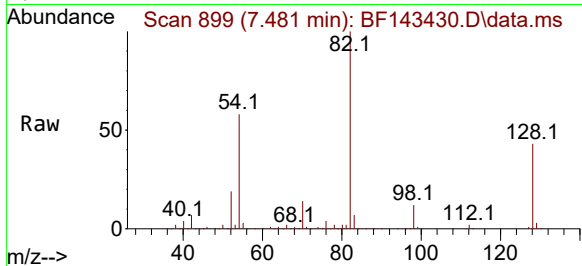




#23  
Nitrobenzene-d5  
Concen: 89.621 ng  
RT: 7.481 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: BF143430.D  
Acq: 18 Aug 2025 09:35

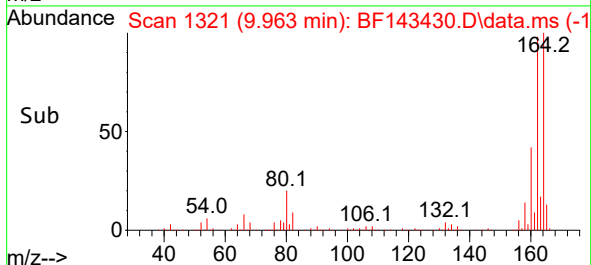
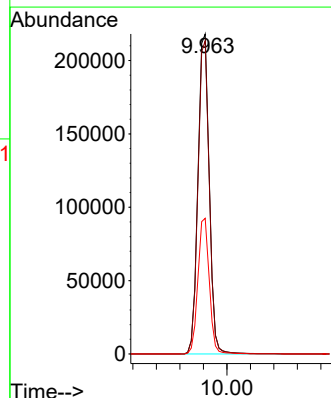
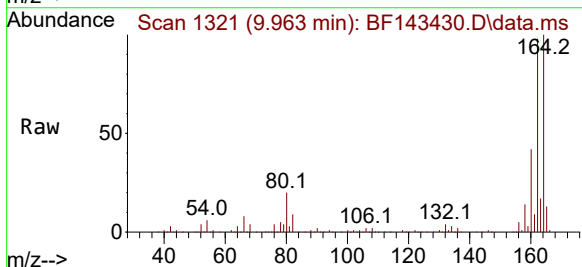
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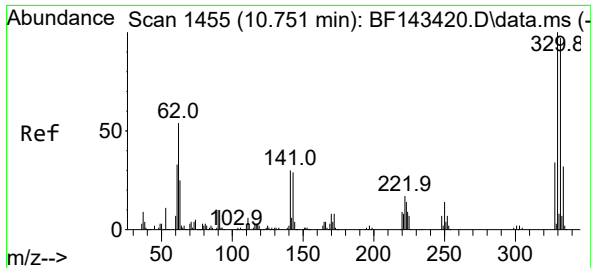
Tgt Ion: 82 Resp: 777125  
Ion Ratio Lower Upper  
82 100  
128 42.8 34.6 52.0  
54 58.4 46.0 69.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.963 min Scan# 1321  
Delta R.T. -0.000 min  
Lab File: BF143430.D  
Acq: 18 Aug 2025 09:35

Tgt Ion:164 Resp: 291463  
Ion Ratio Lower Upper  
164 100  
162 97.8 80.6 121.0  
160 42.4 34.6 51.8

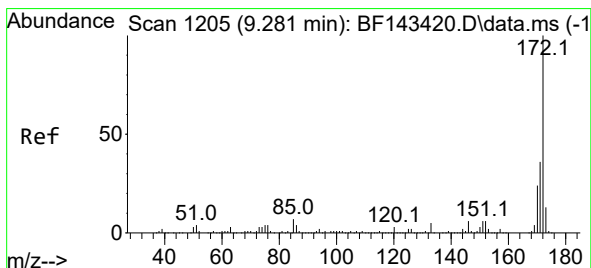
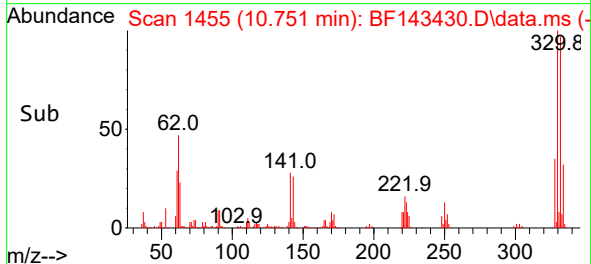
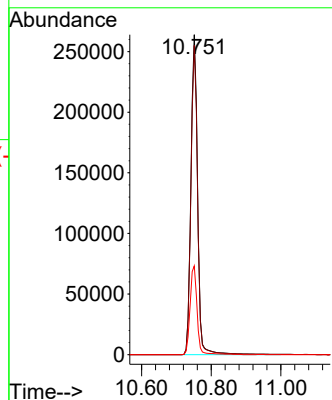
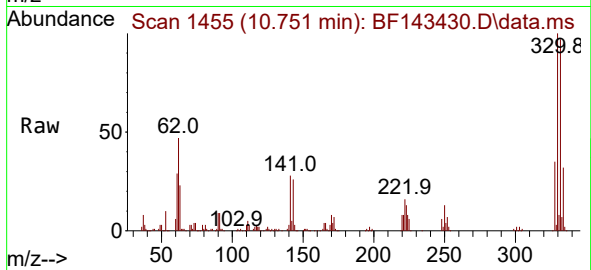




#42  
2,4,6-Tribromophenol  
Concen: 135.248 ng  
RT: 10.751 min Scan# 1455  
Delta R.T. -0.000 min  
Lab File: BF143430.D  
Acq: 18 Aug 2025 09:35

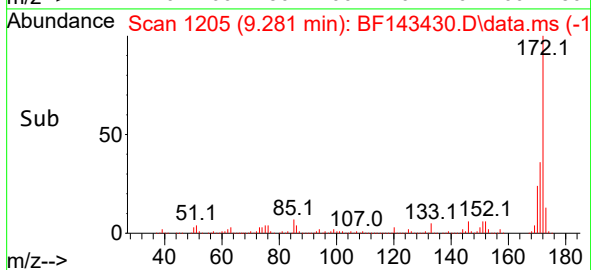
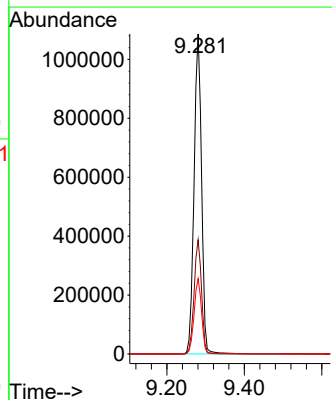
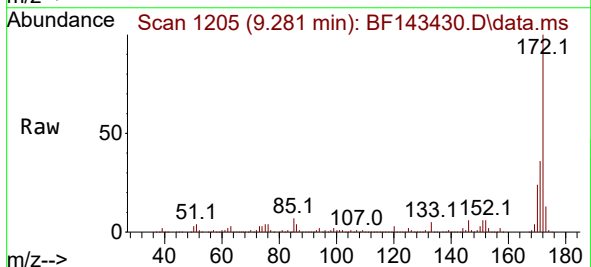
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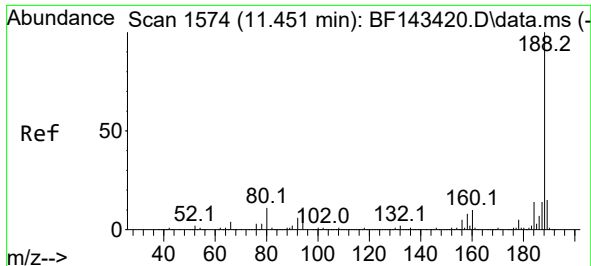
Tgt Ion:330 Resp: 350867  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.4 116.2  
141 29.0 24.1 36.1



#45  
2-Fluorobiphenyl  
Concen: 84.426 ng  
RT: 9.281 min Scan# 1205  
Delta R.T. -0.000 min  
Lab File: BF143430.D  
Acq: 18 Aug 2025 09:35

Tgt Ion:172 Resp: 1462968  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.7 43.1  
170 23.5 19.0 28.6

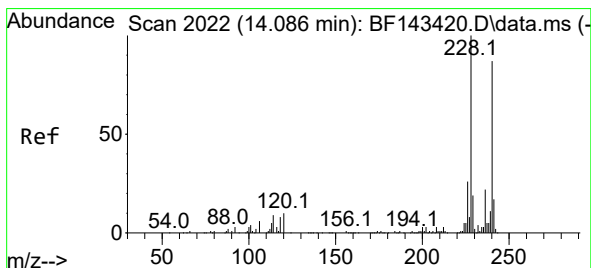
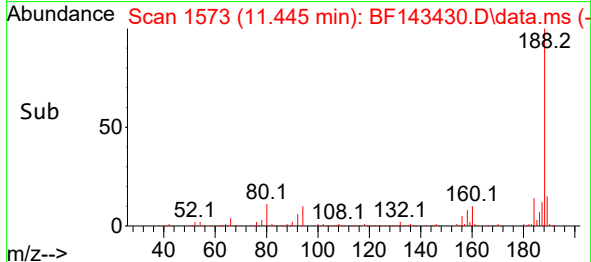
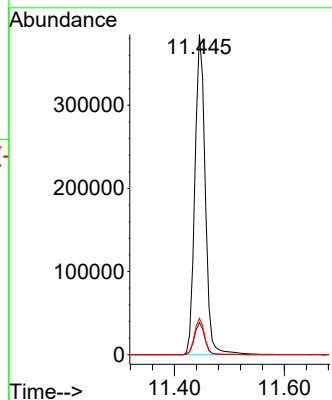
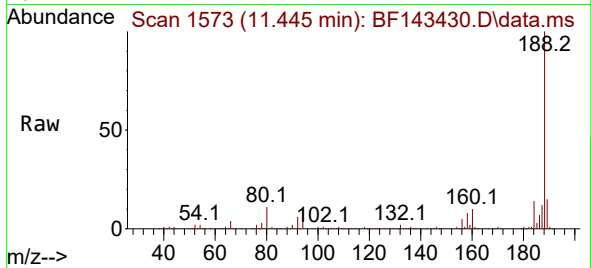




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.445 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF143430.D  
Acq: 18 Aug 2025 09:35

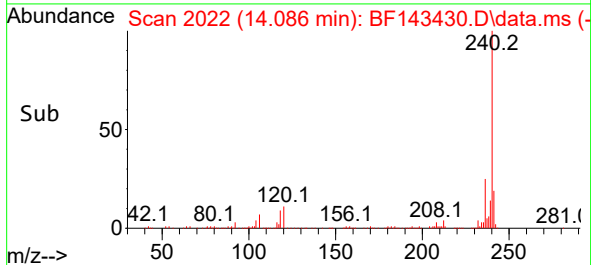
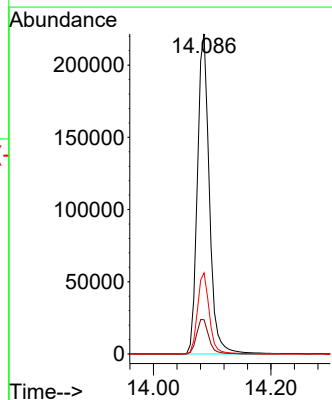
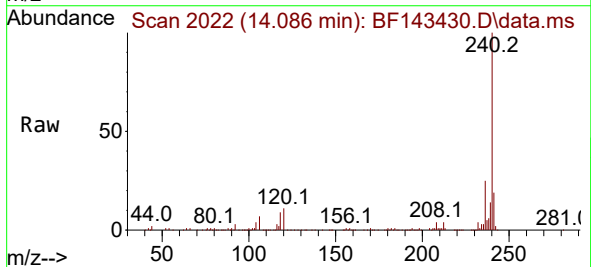
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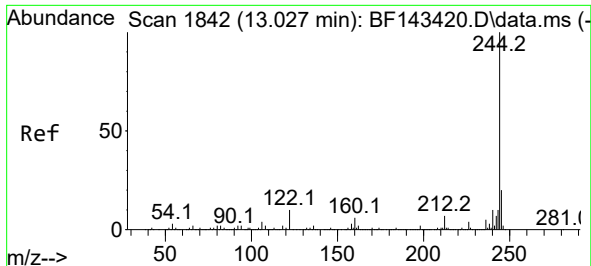
Tgt Ion:188 Resp: 501580  
Ion Ratio Lower Upper  
188 100  
94 10.0 8.0 12.0  
80 11.4 8.6 12.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.086 min Scan# 2022  
Delta R.T. -0.000 min  
Lab File: BF143430.D  
Acq: 18 Aug 2025 09:35

Tgt Ion:240 Resp: 313116  
Ion Ratio Lower Upper  
240 100  
120 10.7 9.0 13.4  
236 25.4 20.2 30.2

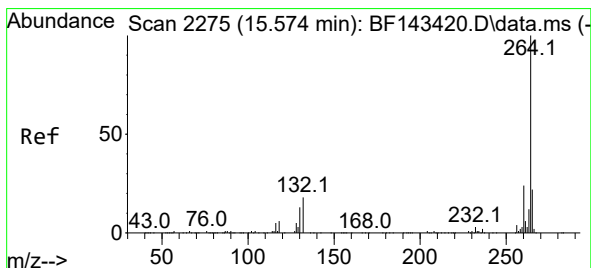
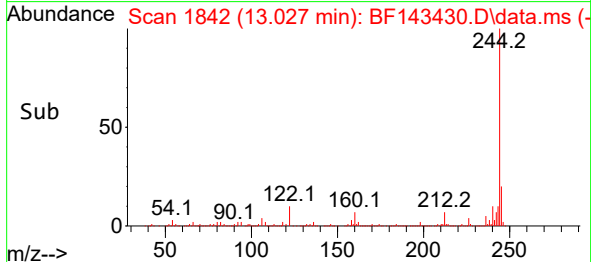
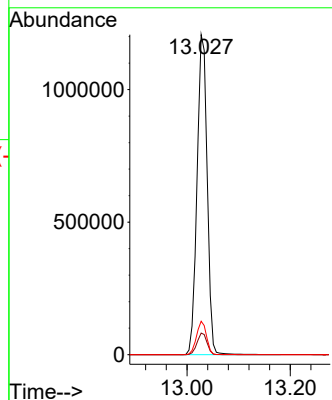
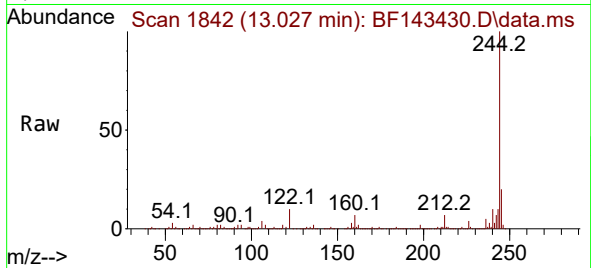




#79  
 Terphenyl-d14  
 Concen: 88.255 ng  
 RT: 13.027 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF143430.D  
 Acq: 18 Aug 2025 09:35

Instrument :  
 BNA\_F  
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Tgt Ion:244 Resp: 1645028  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.2 7.8  
 122 10.5 8.3 12.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.574 min Scan# 2275  
 Delta R.T. -0.000 min  
 Lab File: BF143430.D  
 Acq: 18 Aug 2025 09:35

Tgt Ion:264 Resp: 239207  
 Ion Ratio Lower Upper  
 264 100  
 260 22.7 18.8 28.2  
 265 20.9 17.4 26.0

