

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082125\  
 Data File : BF143555.D  
 Acq On : 22 Aug 2025 04:16  
 Operator : RC/JU  
 Sample : Q2903-12  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-16B-081925

Quant Time: Aug 22 05:13:52 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   | 6.928  | 152  | 94920    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.204  | 136  | 362667   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.963  | 164  | 182556   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.451 | 188  | 252510   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.092 | 240  | 205975   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.592 | 264  | 211160   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.563  | 112  | 397529   | 73.130  | ng    | 0.00     |
| 7) Phenol-d6                | 6.557  | 99   | 368021   | 54.844  | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.486  | 82   | 596815   | 96.030  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.751 | 330  | 208786   | 122.864 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.280  | 172  | 1024393  | 92.738  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.033 | 244  | 746144   | 63.214  | ng    | 0.00     |

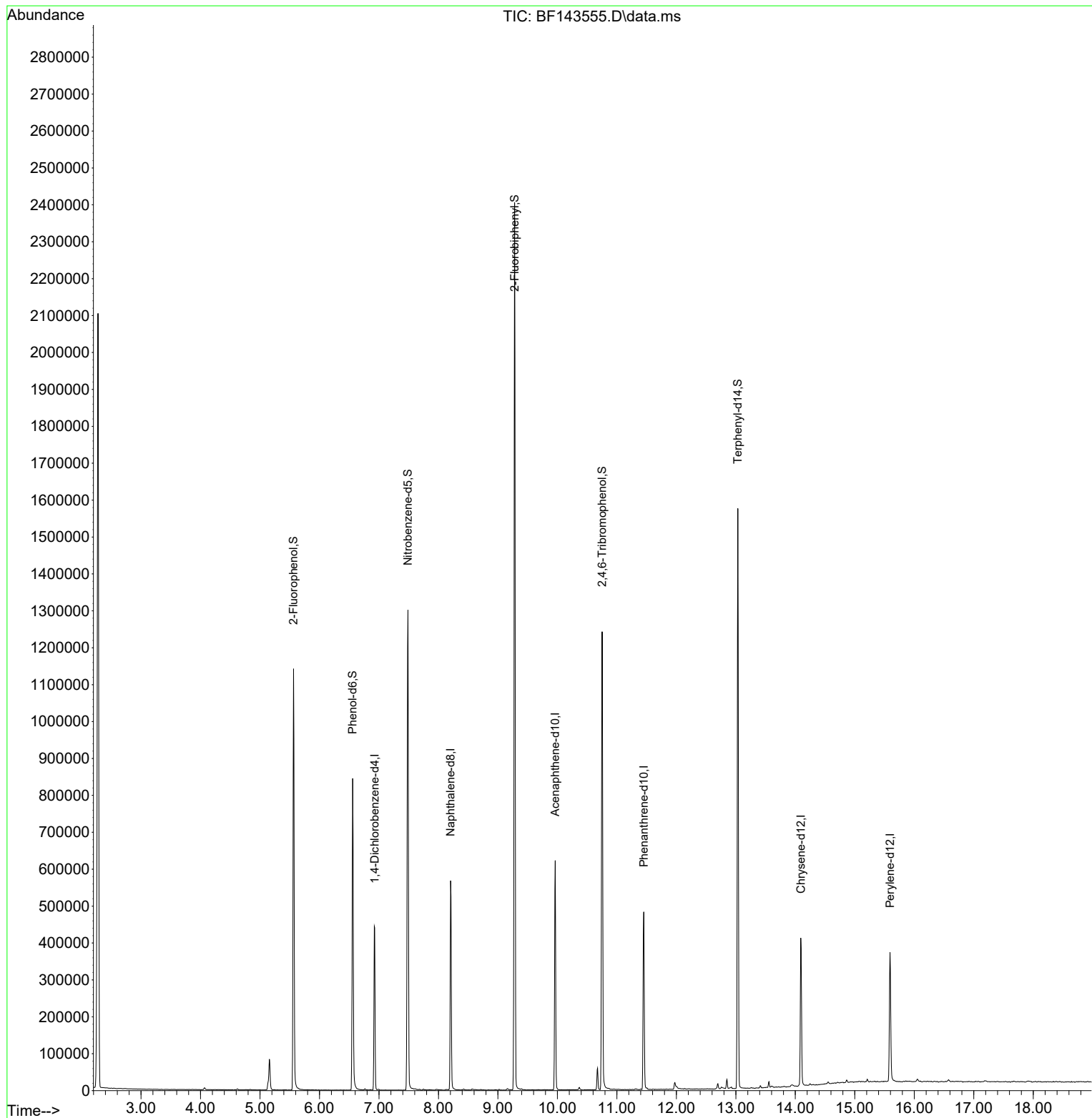
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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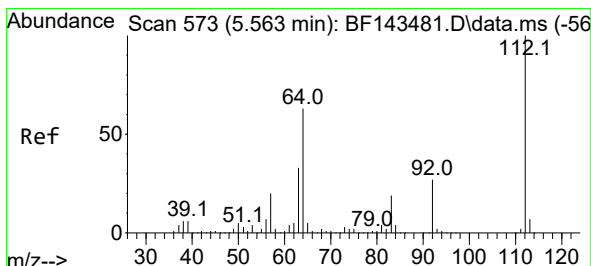
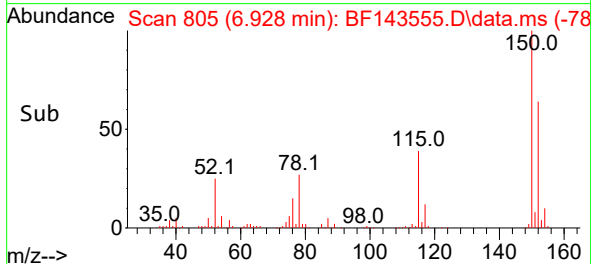
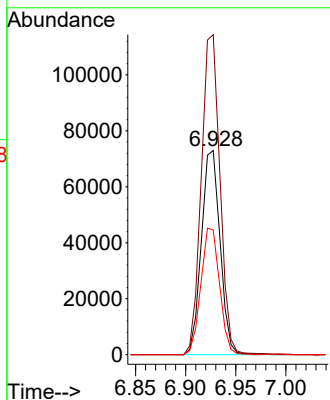
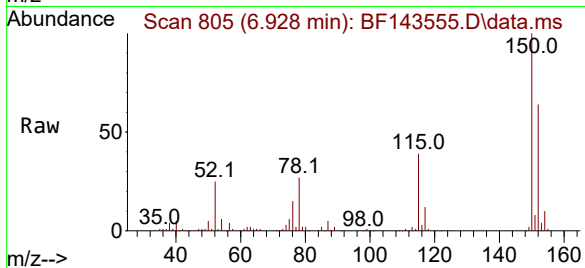




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.928 min Scan# 805  
Delta R.T. -0.000 min  
Lab File: BF143555.D  
Acq: 22 Aug 2025 04:16

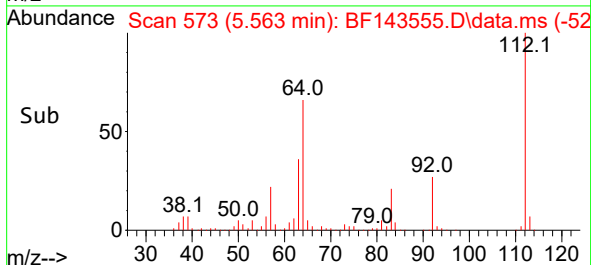
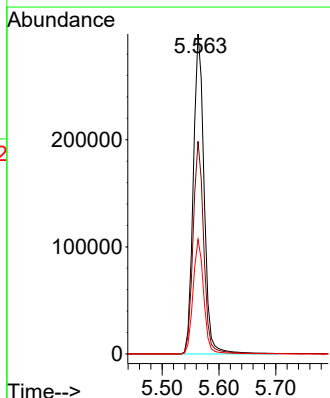
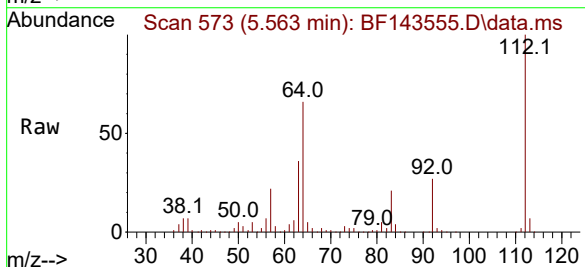
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BNA\_F  
ClientSampleId :  
MW-16B-081925

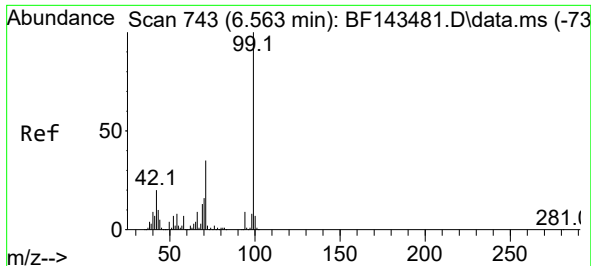
Tgt Ion:152 Resp: 94920  
Ion Ratio Lower Upper  
152 100  
150 156.7 128.9 193.3  
115 61.1 49.2 73.8



#5  
2-Fluorophenol  
Concen: 73.130 ng  
RT: 5.563 min Scan# 573  
Delta R.T. -0.000 min  
Lab File: BF143555.D  
Acq: 22 Aug 2025 04:16

Tgt Ion:112 Resp: 397529  
Ion Ratio Lower Upper  
112 100  
64 66.4 50.4 75.6  
63 35.8 26.4 39.6

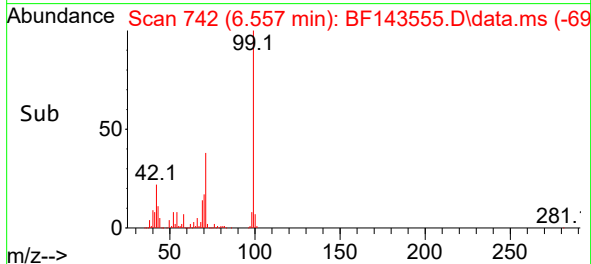
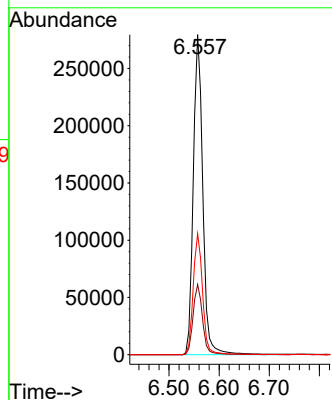
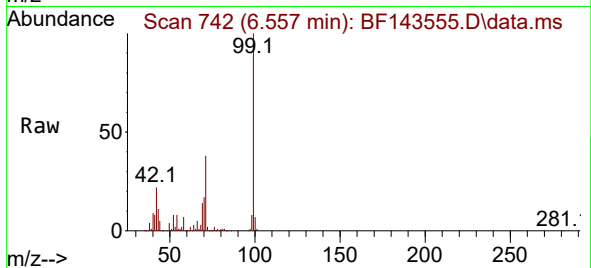




#7  
Phenol-d6  
Concen: 54.844 ng  
RT: 6.557 min Scan# 74  
Delta R.T. -0.018 min  
Lab File: BF143555.D  
Acq: 22 Aug 2025 04:16

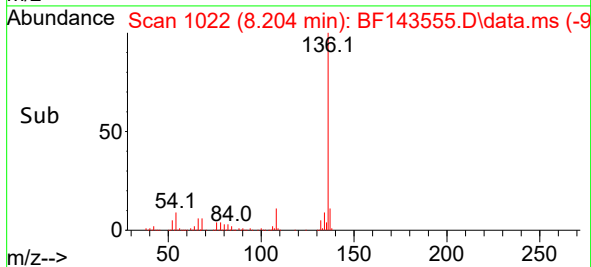
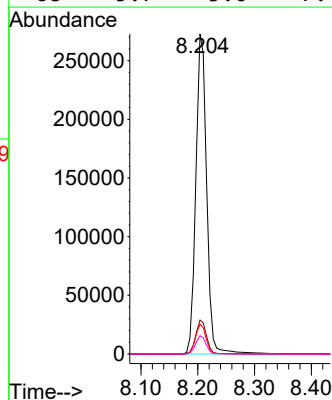
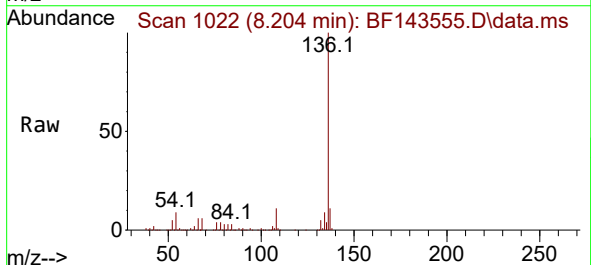
Instrument :  
BNA\_F  
ClientSampleId :  
MW-16B-081925

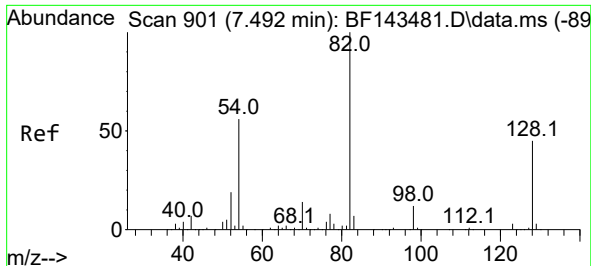
Tgt Ion: 99 Resp: 368021  
Ion Ratio Lower Upper  
99 100  
42 22.0 16.3 24.5  
71 37.8 28.2 42.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.204 min Scan# 1022  
Delta R.T. -0.006 min  
Lab File: BF143555.D  
Acq: 22 Aug 2025 04:16

Tgt Ion: 136 Resp: 362667  
Ion Ratio Lower Upper  
136 100  
137 10.6 9.0 13.4  
54 9.4 7.4 11.2  
68 5.7 5.0 7.4

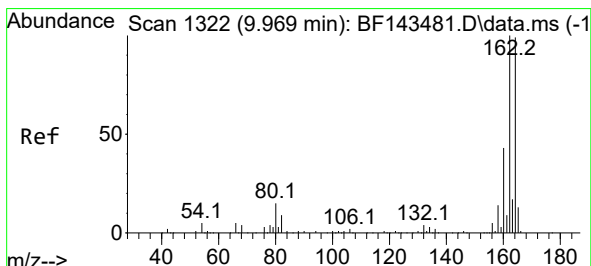
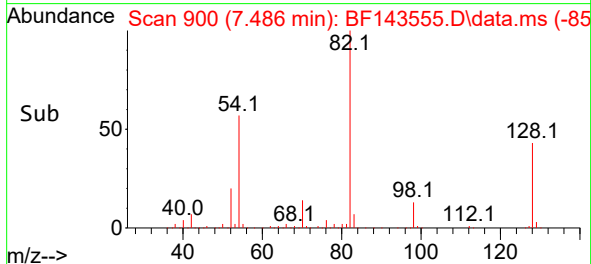
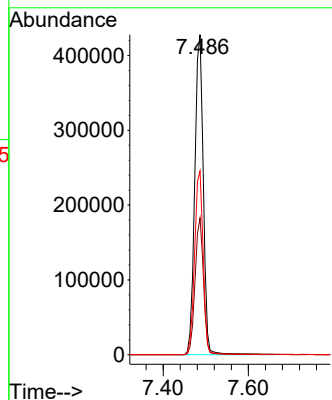
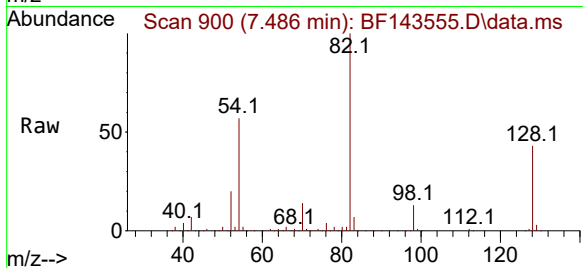




#23  
Nitrobenzene-d5  
Concen: 96.030 ng  
RT: 7.486 min Scan# 901  
Delta R.T. -0.012 min  
Lab File: BF143555.D  
Acq: 22 Aug 2025 04:16

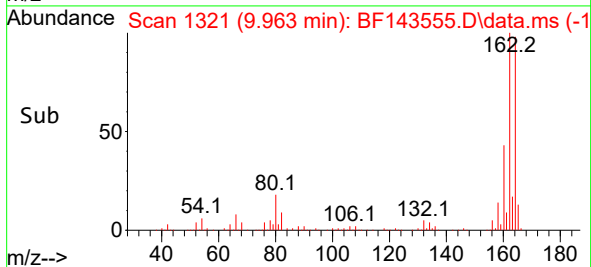
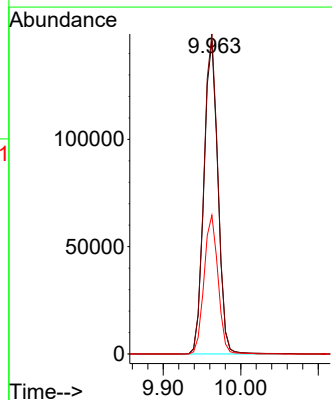
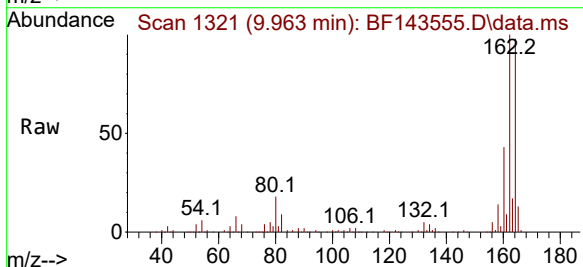
Instrument :  
BNA\_F  
ClientSampleId :  
MW-16B-081925

Tgt Ion: 82 Resp: 596815  
Ion Ratio Lower Upper  
82 100  
128 42.6 35.5 53.3  
54 57.3 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: BF143555.D  
Acq: 22 Aug 2025 04:16

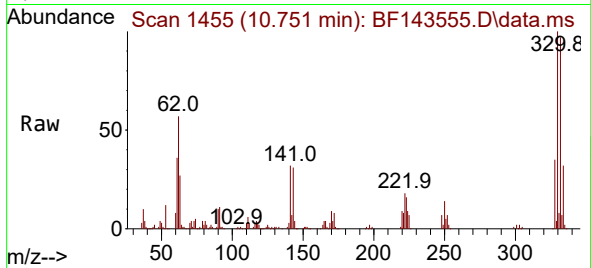
Tgt Ion:164 Resp: 182556  
Ion Ratio Lower Upper  
164 100  
162 102.1 80.5 120.7  
160 44.3 34.3 51.5



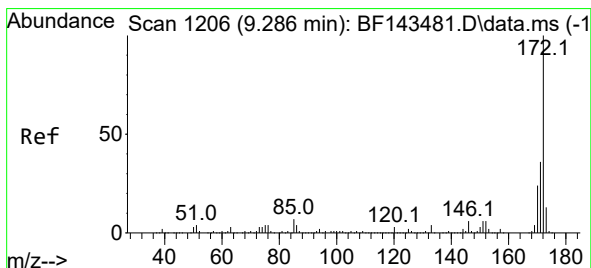
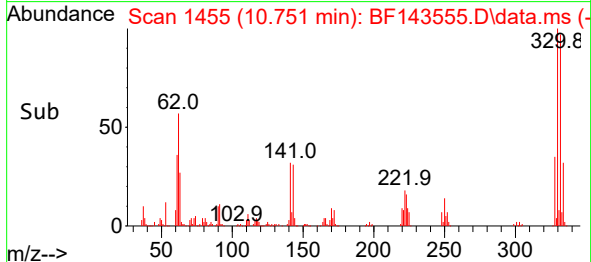
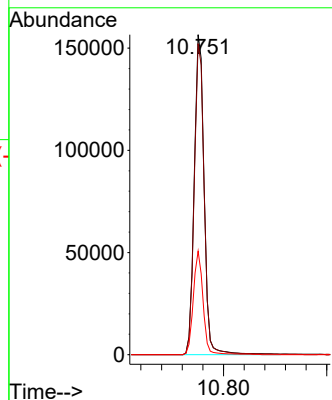


#42  
2,4,6-Tribromophenol  
Concen: 122.864 ng  
RT: 10.751 min Scan# 1456  
Delta R.T. -0.012 min  
Lab File: BF143555.D  
Acq: 22 Aug 2025 04:16

Instrument :  
BNA\_F  
ClientSampleId :  
MW-16B-081925

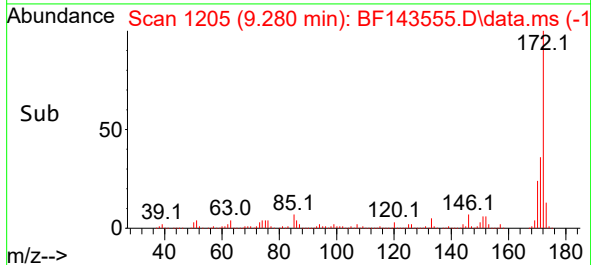
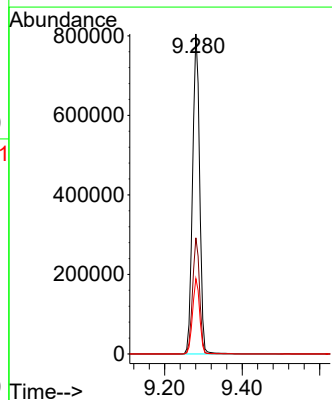
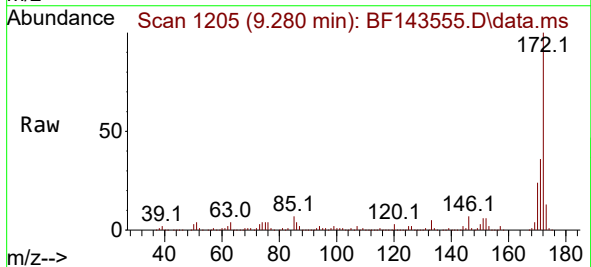


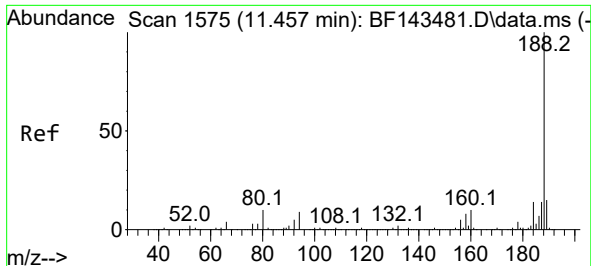
Tgt Ion:330 Resp: 208786  
Ion Ratio Lower Upper  
330 100  
332 97.6 78.0 117.0  
141 31.8 23.7 35.5



#45  
2-Fluorobiphenyl  
Concen: 92.738 ng  
RT: 9.280 min Scan# 1205  
Delta R.T. -0.006 min  
Lab File: BF143555.D  
Acq: 22 Aug 2025 04:16

Tgt Ion:172 Resp: 1024393  
Ion Ratio Lower Upper  
172 100  
171 36.3 28.8 43.2  
170 23.5 18.8 28.2

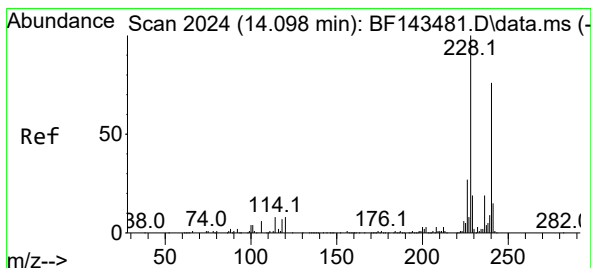
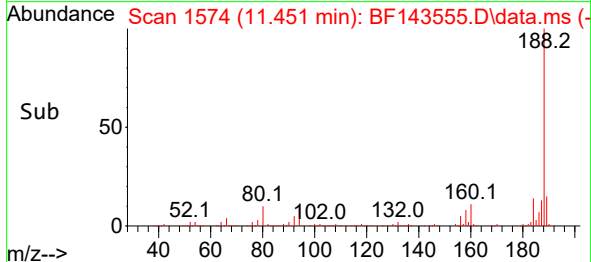
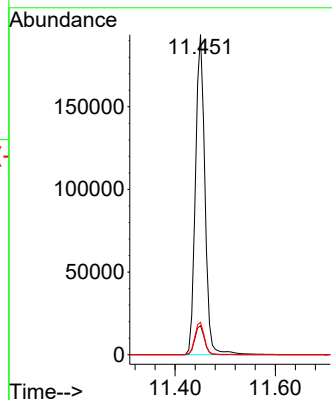
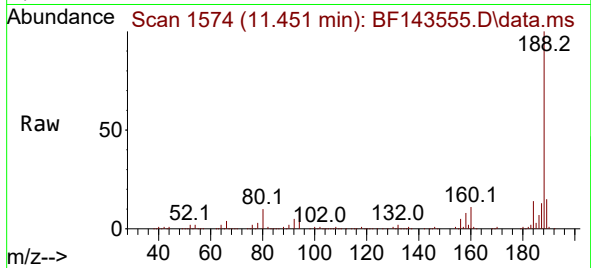




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.451 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF143555.D  
Acq: 22 Aug 2025 04:16

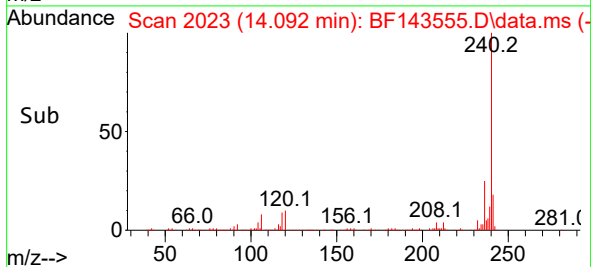
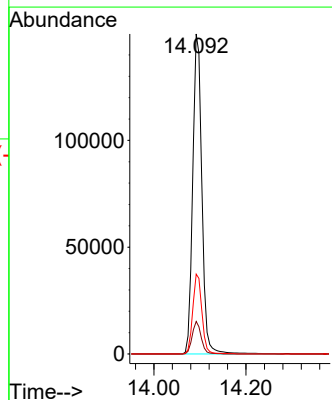
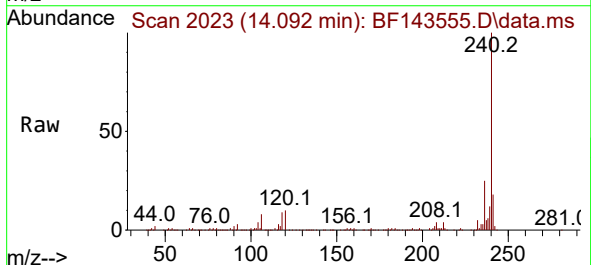
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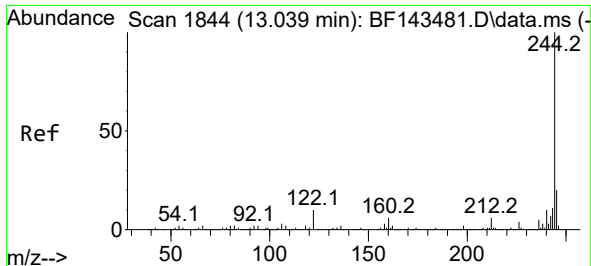
Tgt Ion:188 Resp: 252510  
Ion Ratio Lower Upper  
188 100  
94 9.1 7.4 11.2  
80 10.1 8.2 12.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.092 min Scan# 2023  
Delta R.T. -0.012 min  
Lab File: BF143555.D  
Acq: 22 Aug 2025 04:16

Tgt Ion:240 Resp: 205975  
Ion Ratio Lower Upper  
240 100  
120 10.1 8.6 12.8  
236 25.0 20.4 30.6

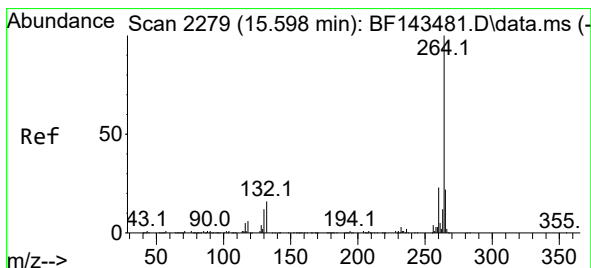
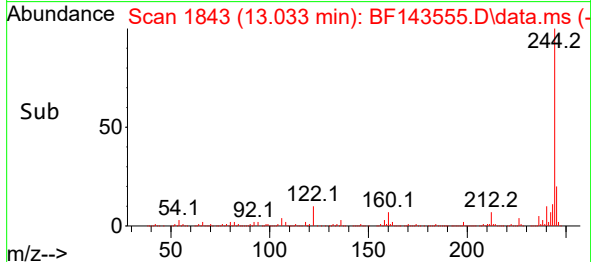
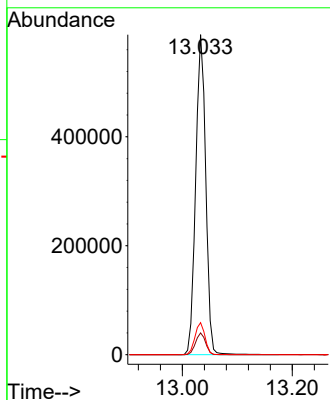
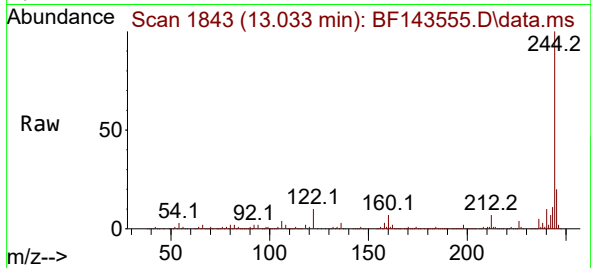




#79  
 Terphenyl-d14  
 Concen: 63.214 ng  
 RT: 13.033 min Scan# 1844  
 Delta R.T. -0.006 min  
 Lab File: BF143555.D  
 Acq: 22 Aug 2025 04:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-16B-081925

Tgt Ion:244 Resp: 746144  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.2 7.8  
 122 10.0 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: BF143555.D  
 Acq: 22 Aug 2025 04:16

Tgt Ion:264 Resp: 211160  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 18.7 28.1  
 265 20.8 17.6 26.4

