

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070825\  
 Data File : BF143031.D  
 Acq On : 08 Jul 2025 14:02  
 Operator : RC/JU  
 Sample : Q2514-08  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-78

Quant Time: Jul 08 14:25:55 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061925.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 24 05:28:21 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.875  | 152  | 50576    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.157  | 136  | 192739   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.916  | 164  | 95941    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.404 | 188  | 147510   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.057 | 240  | 94443    | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.551 | 264  | 118368   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.493  | 112  | 282467   | 92.986 | ng    | 0.00     |
| 7) Phenol-d6                | 6.504  | 99   | 343341   | 95.800 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.434  | 82   | 214248   | 60.972 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.710 | 330  | 66616    | 67.473 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.233  | 172  | 439650   | 60.199 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.992 | 244  | 318932   | 46.660 | ng    | 0.00     |

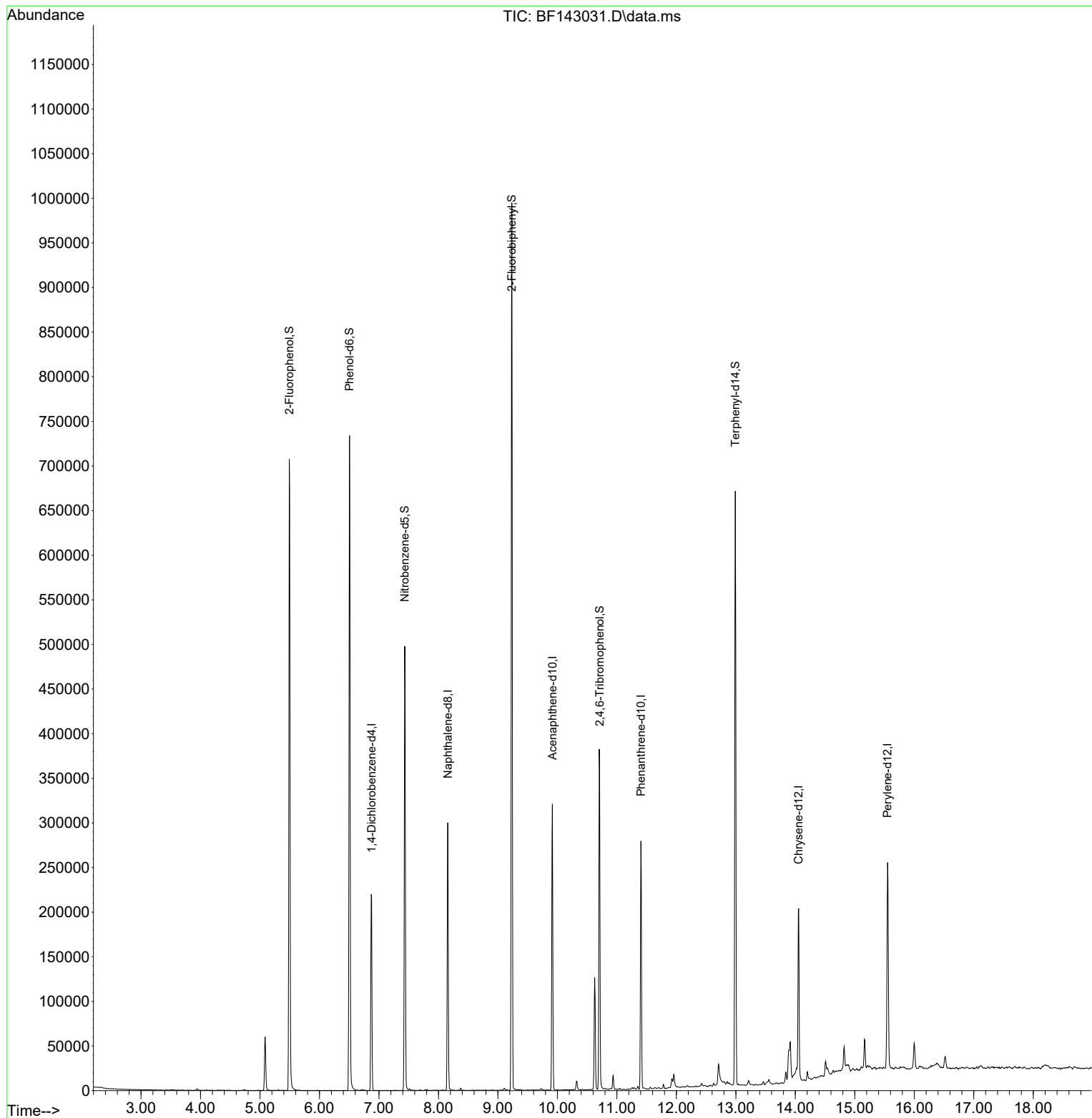
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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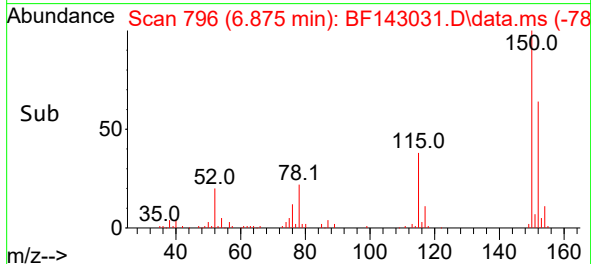
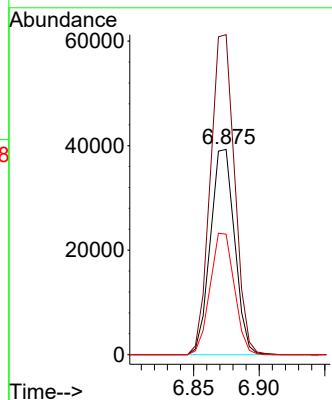
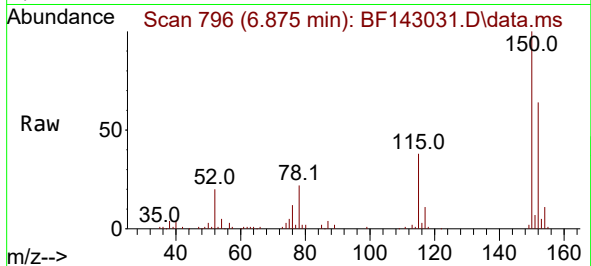




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 797  
Delta R.T. -0.006 min  
Lab File: BF143031.D  
Acq: 08 Jul 2025 14:02

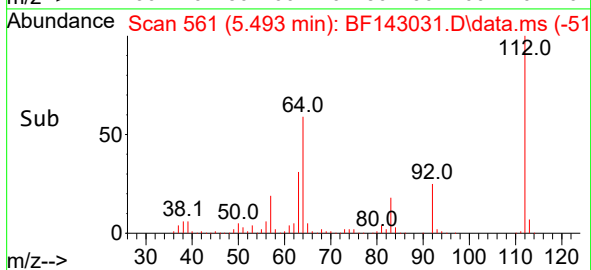
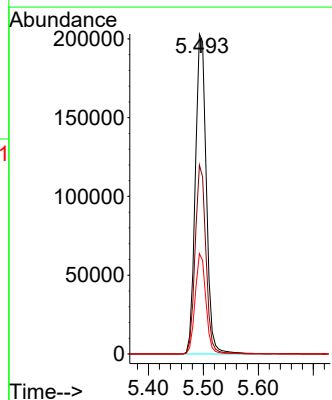
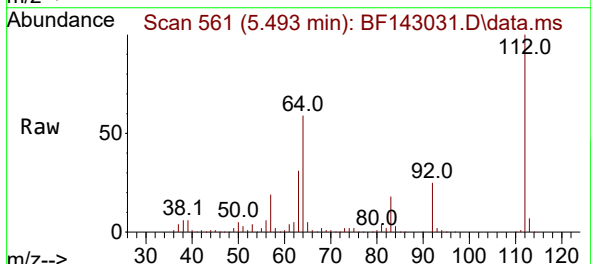
Instrument :  
BNA\_F  
ClientSampleId :  
TP-78

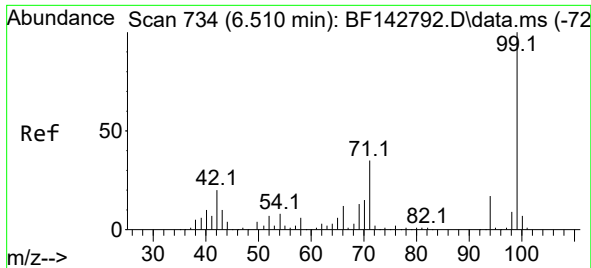
Tgt Ion:152 Resp: 50576  
Ion Ratio Lower Upper  
152 100  
150 155.8 127.2 190.8  
115 58.7 46.6 69.8



#5  
2-Fluorophenol  
Concen: 92.986 ng  
RT: 5.493 min Scan# 561  
Delta R.T. 0.001 min  
Lab File: BF143031.D  
Acq: 08 Jul 2025 14:02

Tgt Ion:112 Resp: 282467  
Ion Ratio Lower Upper  
112 100  
64 59.1 48.2 72.2  
63 31.3 25.7 38.5

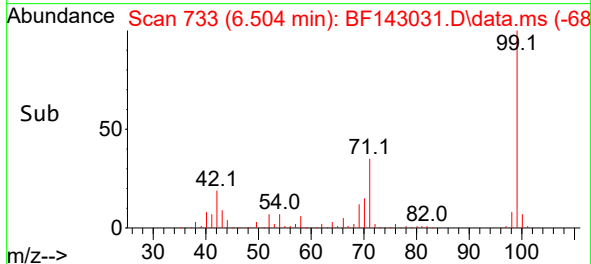
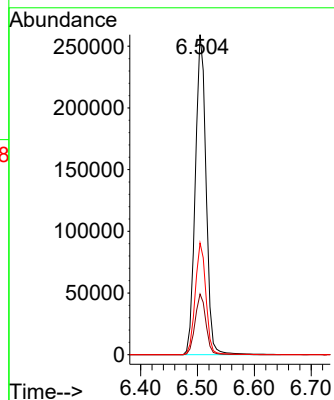
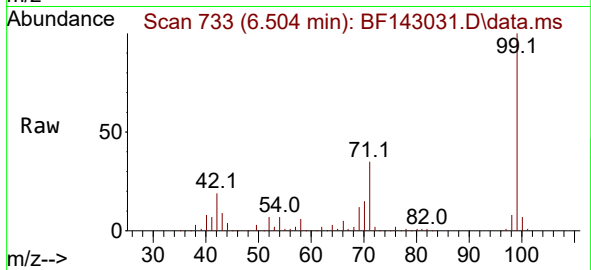




#7  
Phenol-d6  
Concen: 95.800 ng  
RT: 6.504 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF143031.D  
Acq: 08 Jul 2025 14:02

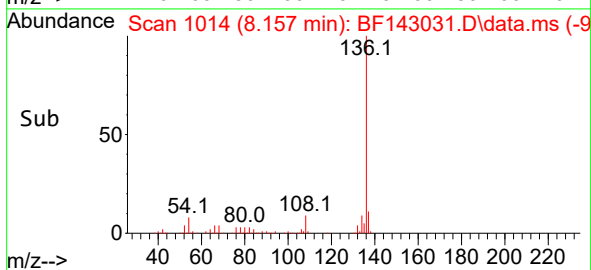
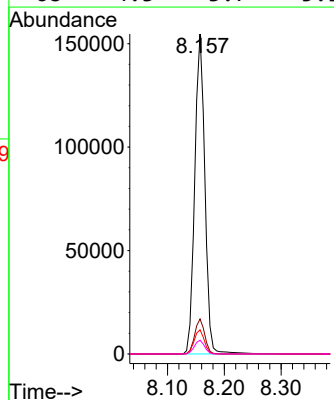
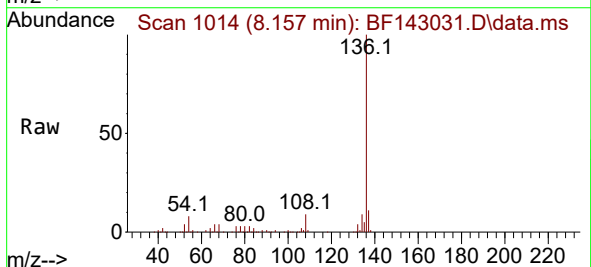
Instrument :  
BNA\_F  
ClientSampleId :  
TP-78

Tgt Ion: 99 Resp: 343341  
Ion Ratio Lower Upper  
99 100  
42 19.0 15.9 23.9  
71 34.9 27.8 41.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1014  
Delta R.T. -0.012 min  
Lab File: BF143031.D  
Acq: 08 Jul 2025 14:02

Tgt Ion: 136 Resp: 192739  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.4 12.6  
54 7.5 6.3 9.5  
68 4.3 3.7 5.5

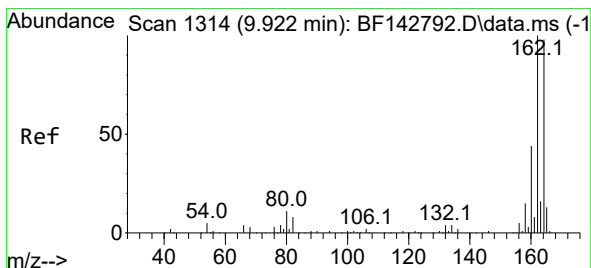
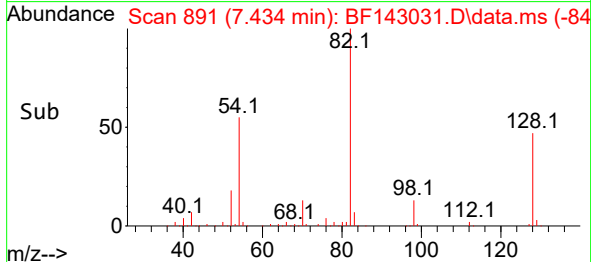
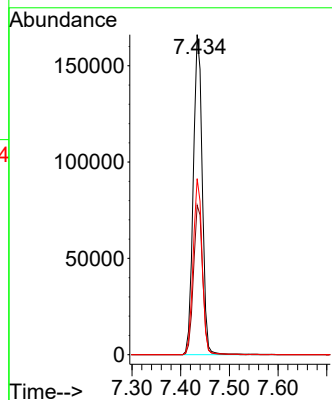
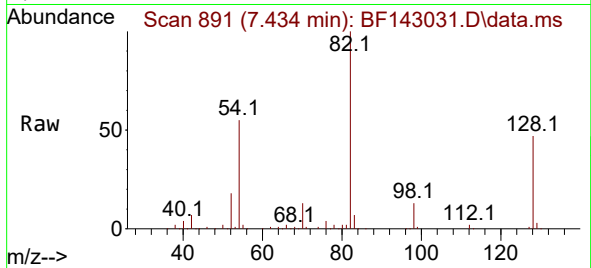




#23  
 Nitrobenzene-d5  
 Concen: 60.972 ng  
 RT: 7.434 min Scan# 89  
 Delta R.T. -0.011 min  
 Lab File: BF143031.D  
 Acq: 08 Jul 2025 14:02

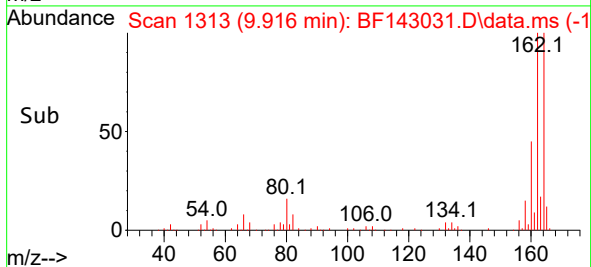
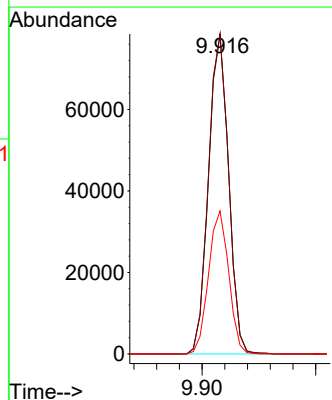
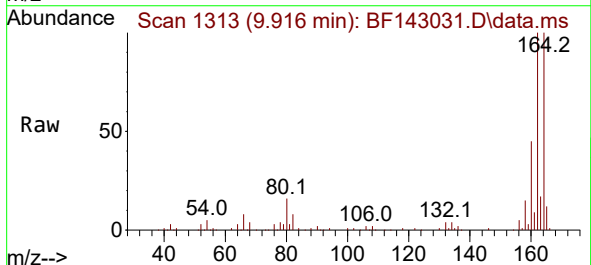
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-78

Tgt Ion: 82 Resp: 214248  
 Ion Ratio Lower Upper  
 82 100  
 128 46.7 37.7 56.5  
 54 55.0 45.7 68.5



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.916 min Scan# 1313  
 Delta R.T. -0.006 min  
 Lab File: BF143031.D  
 Acq: 08 Jul 2025 14:02

Tgt Ion:164 Resp: 95941  
 Ion Ratio Lower Upper  
 164 100  
 162 100.4 81.8 122.8  
 160 44.9 36.0 54.0

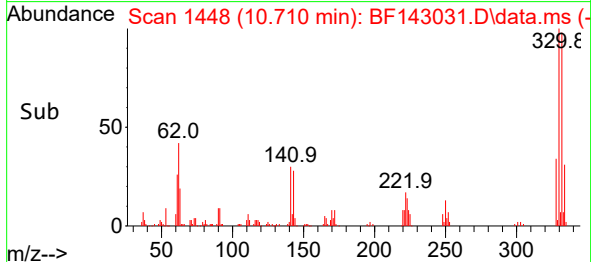
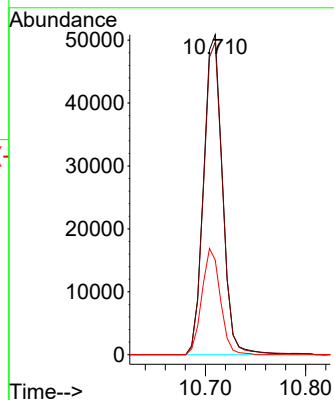
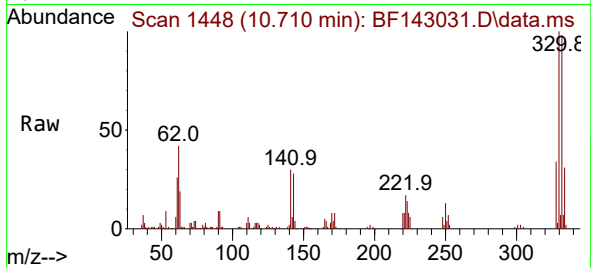




#42  
2,4,6-Tribromophenol  
Concen: 67.473 ng  
RT: 10.710 min Scan# 1449  
Delta R.T. -0.006 min  
Lab File: BF143031.D  
Acq: 08 Jul 2025 14:02

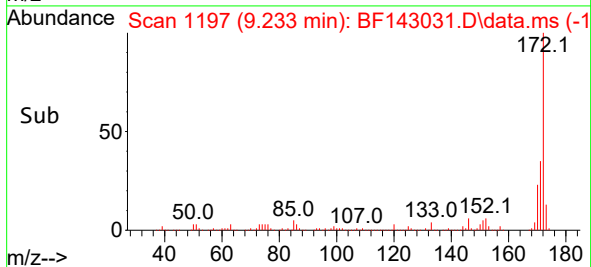
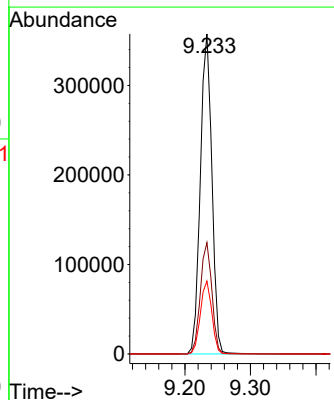
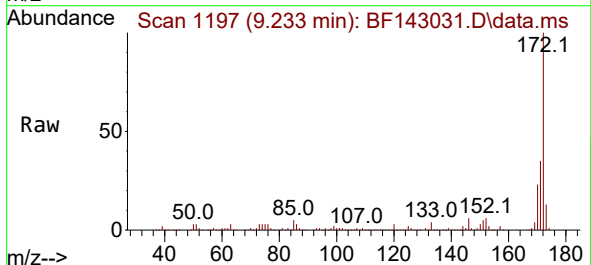
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ClientSampleId :  
TP-78

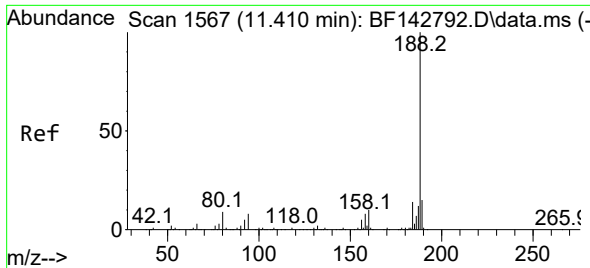
Tgt Ion: 330 Resp: 66616  
Ion Ratio Lower Upper  
330 100  
332 98.3 75.0 112.6  
141 32.3 25.3 37.9



#45  
2-Fluorobiphenyl  
Concen: 60.199 ng  
RT: 9.233 min Scan# 1197  
Delta R.T. -0.012 min  
Lab File: BF143031.D  
Acq: 08 Jul 2025 14:02

Tgt Ion: 172 Resp: 439650  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.2 42.4  
170 22.7 18.5 27.7

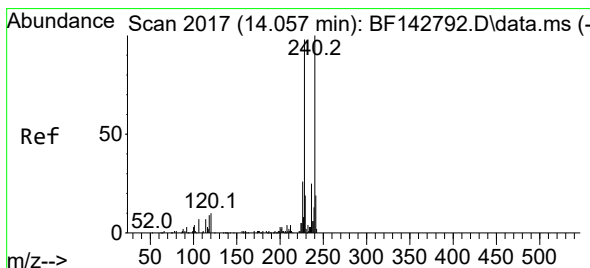
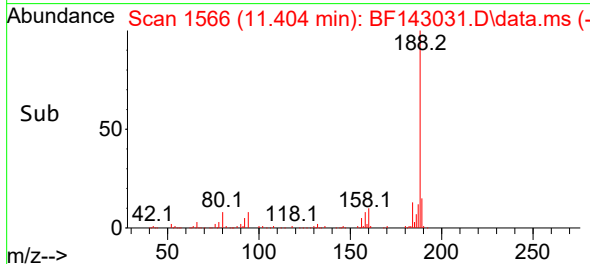
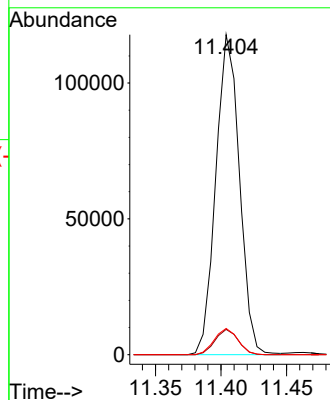
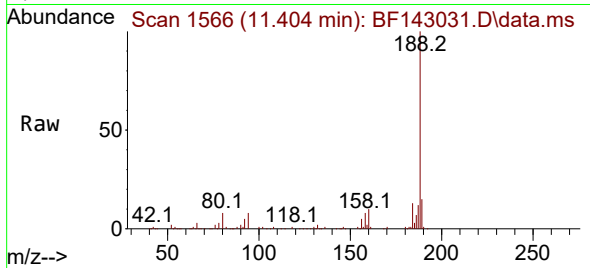




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.404 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF143031.D  
Acq: 08 Jul 2025 14:02

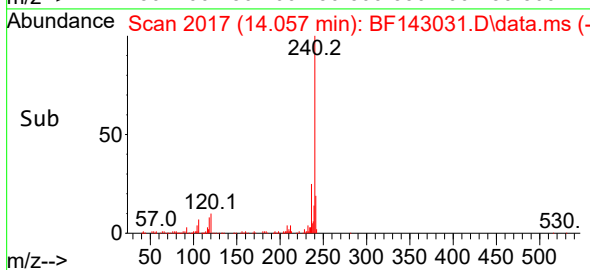
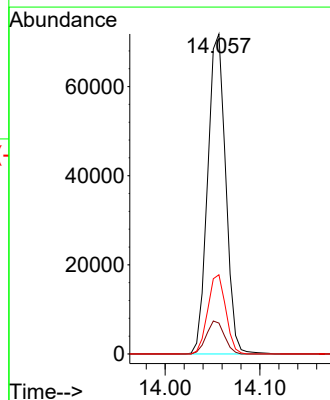
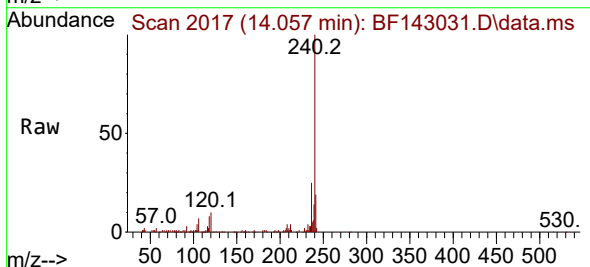
Instrument :  
BNA\_F  
ClientSampleId :  
TP-78

Tgt Ion:188 Resp: 147510  
Ion Ratio Lower Upper  
188 100  
94 7.9 6.7 10.1  
80 8.2 6.9 10.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2017  
Delta R.T. 0.000 min  
Lab File: BF143031.D  
Acq: 08 Jul 2025 14:02

Tgt Ion:240 Resp: 94443  
Ion Ratio Lower Upper  
240 100  
120 9.7 8.2 12.2  
236 24.8 19.8 29.8

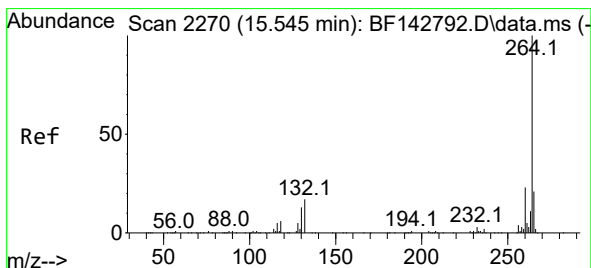
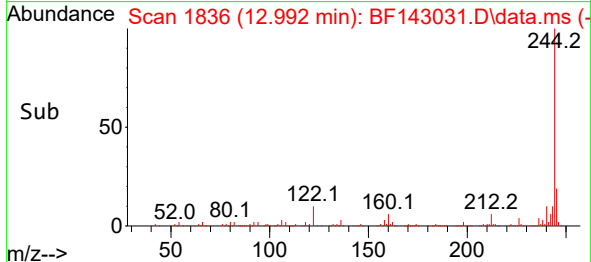
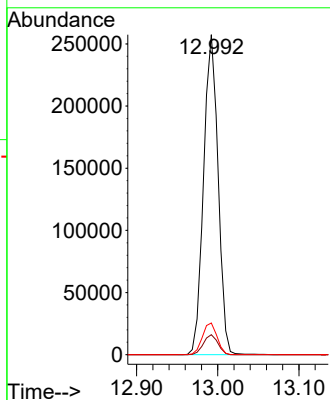
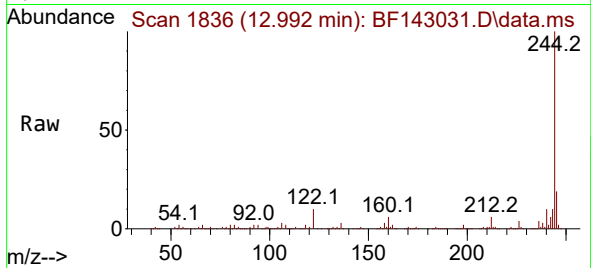




#79  
 Terphenyl-d14  
 Concen: 46.660 ng  
 RT: 12.992 min Scan# 1836  
 Delta R.T. -0.006 min  
 Lab File: BF143031.D  
 Acq: 08 Jul 2025 14:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-78

Tgt Ion:244 Resp: 318932  
 Ion Ratio Lower Upper  
 244 100  
 212 6.3 5.4 8.0  
 122 9.9 8.2 12.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.551 min Scan# 2271  
 Delta R.T. 0.006 min  
 Lab File: BF143031.D  
 Acq: 08 Jul 2025 14:02

Tgt Ion:264 Resp: 118368  
 Ion Ratio Lower Upper  
 264 100  
 260 22.6 18.1 27.1  
 265 20.9 16.6 25.0

