

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102825\  
 Data File : BF144118.D  
 Acq On : 28 Oct 2025 23:39  
 Operator : RC/JU  
 Sample : Q3451-08  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-12

Quant Time: Oct 29 05:48:48 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 17:30:25 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.881  | 152  | 66471    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.157  | 136  | 265195   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.916  | 164  | 149548   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.410 | 188  | 233932   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.051 | 240  | 156891   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.539 | 264  | 198990   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.510  | 112  | 496718   | 118.226 | ng    | 0.02     |
| 7) Phenol-d6                | 6.510  | 99   | 541588   | 116.721 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.439  | 82   | 407272   | 84.139  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.710 | 330  | 239006   | 125.466 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.239  | 172  | 857017   | 80.644  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.998 | 244  | 749614   | 83.529  | ng    | 0.00     |

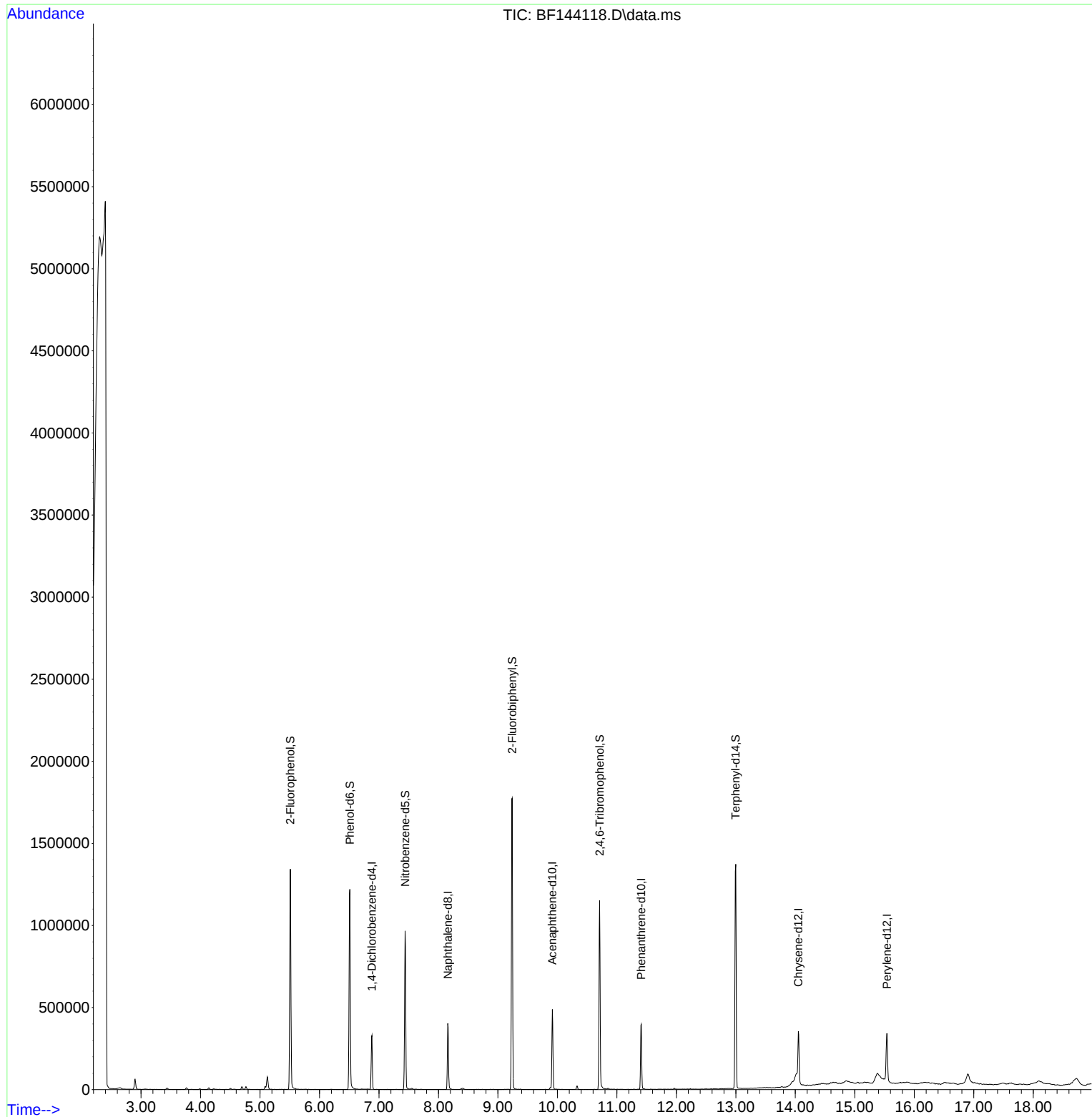
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

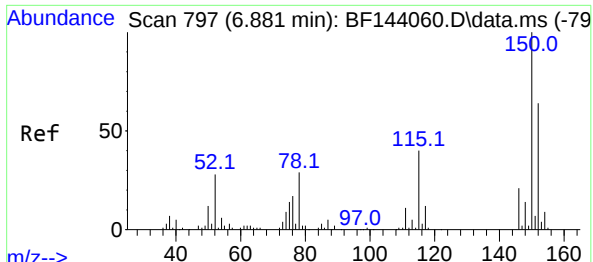
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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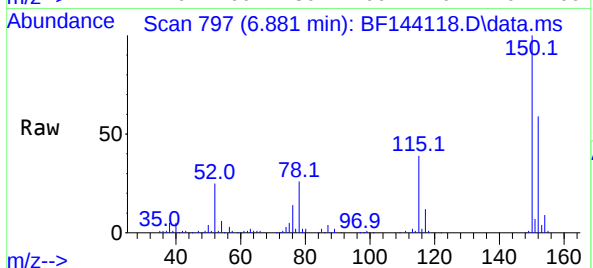
Quant Time: Oct 29 05:48:48 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
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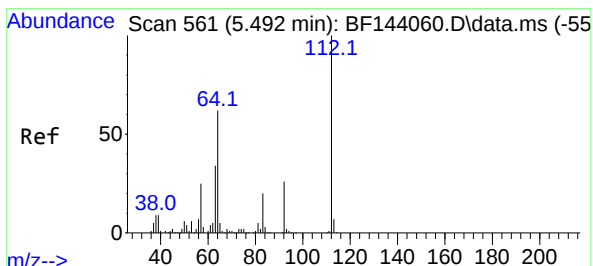
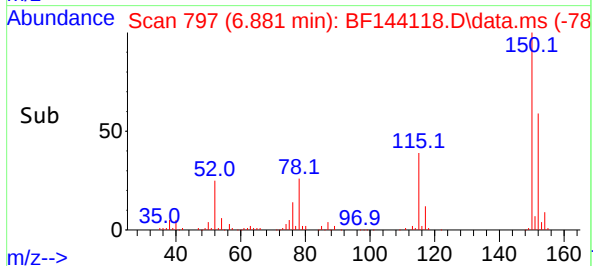
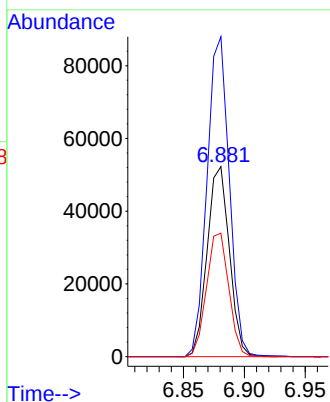


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.000 min  
Lab File: BF144118.D  
Acq: 28 Oct 2025 23:39

Instrument :  
BNA\_F  
ClientSampleId :  
TP-12

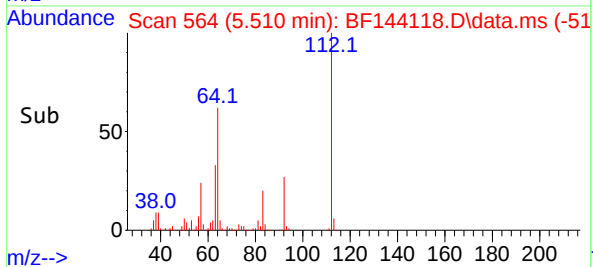
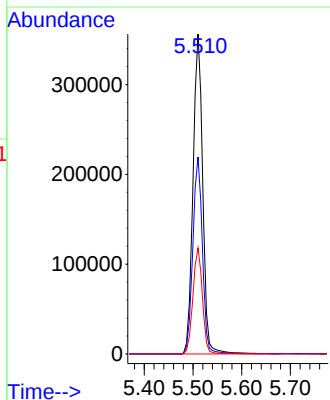
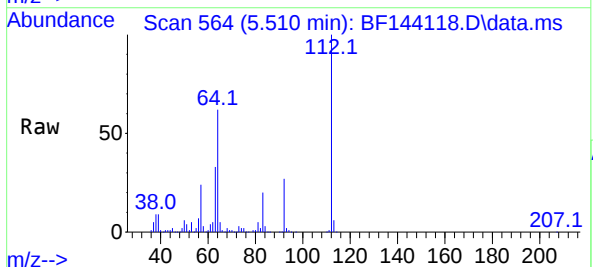


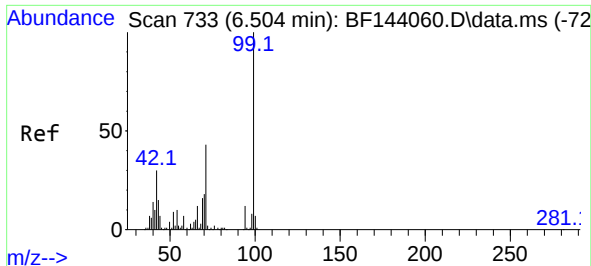
Tgt Ion:152 Resp: 66471  
Ion Ratio Lower Upper  
152 100  
150 168.3 124.4 186.6  
115 65.0 49.4 74.0



#5  
2-Fluorophenol  
Concen: 118.226 ng  
RT: 5.510 min Scan# 564  
Delta R.T. 0.018 min  
Lab File: BF144118.D  
Acq: 28 Oct 2025 23:39

Tgt Ion:112 Resp: 496718  
Ion Ratio Lower Upper  
112 100  
64 61.6 49.8 74.8  
63 33.2 27.4 41.2

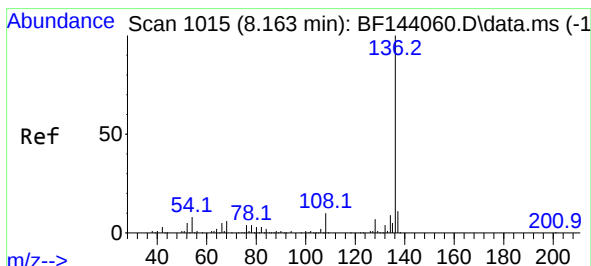
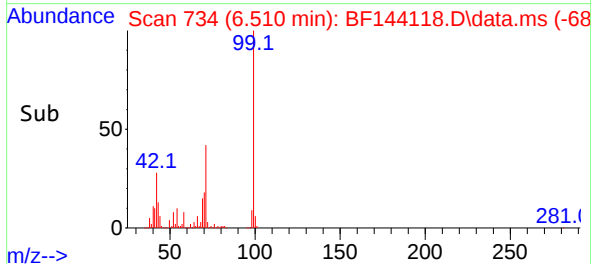
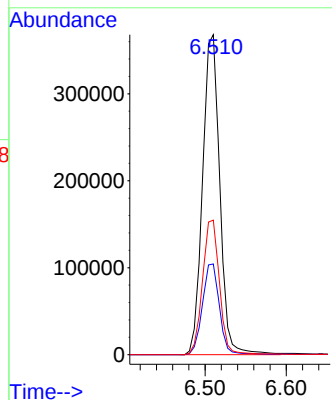
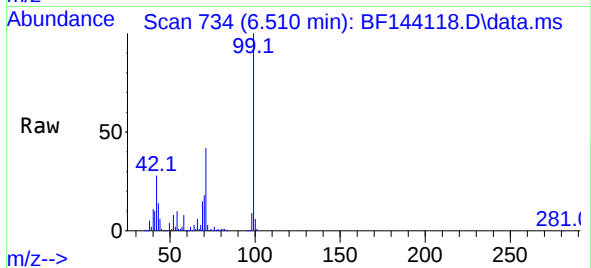




#7  
Phenol-d6  
Concen: 116.721 ng  
RT: 6.510 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF144118.D  
Acq: 28 Oct 2025 23:39

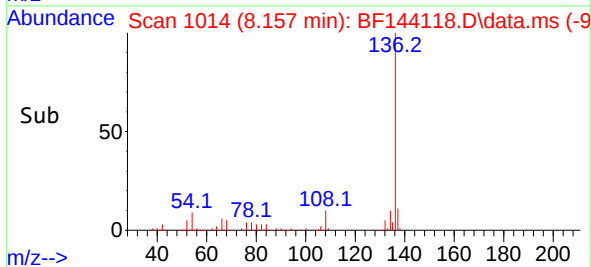
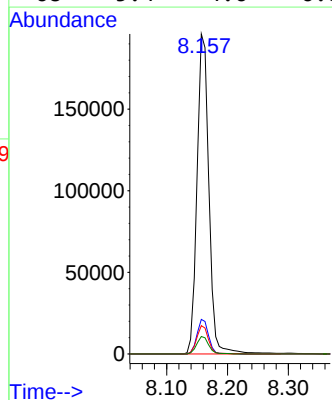
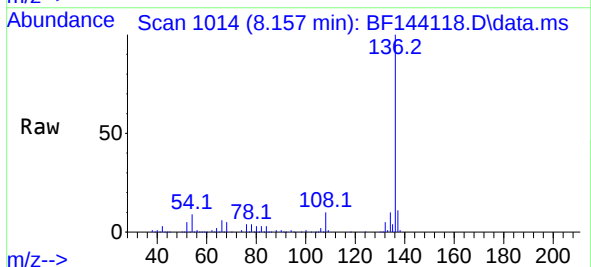
Instrument :  
BNA\_F  
ClientSampleId :  
TP-12

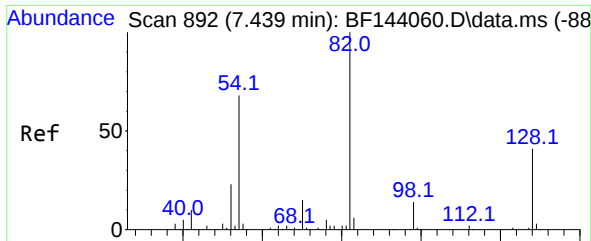
Tgt Ion: 99 Resp: 541588  
Ion Ratio Lower Upper  
99 100  
42 28.4 23.9 35.9  
71 42.1 34.4 51.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1014  
Delta R.T. -0.006 min  
Lab File: BF144118.D  
Acq: 28 Oct 2025 23:39

Tgt Ion: 136 Resp: 265195  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 8.8 6.6 9.8  
68 5.4 4.6 6.8

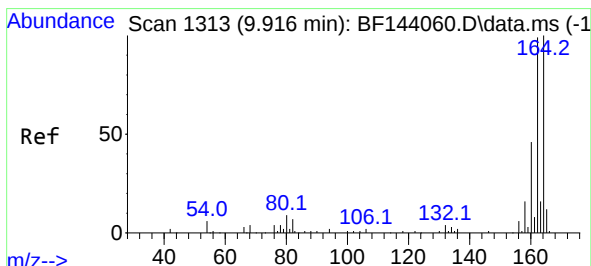
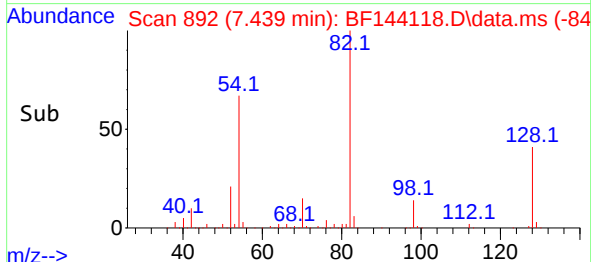
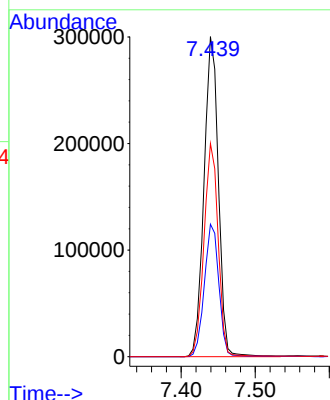
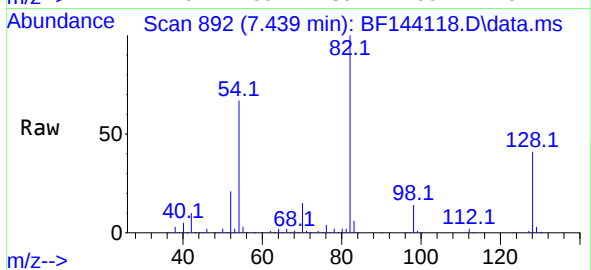




#23  
Nitrobenzene-d5  
Concen: 84.139 ng  
RT: 7.439 min Scan# 892  
Delta R.T. 0.000 min  
Lab File: BF144118.D  
Acq: 28 Oct 2025 23:39

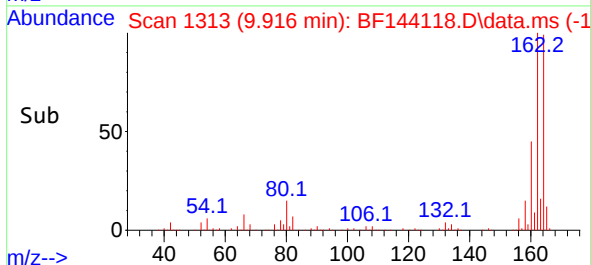
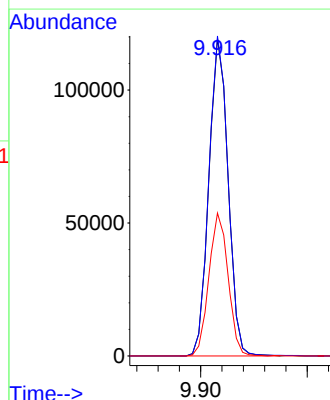
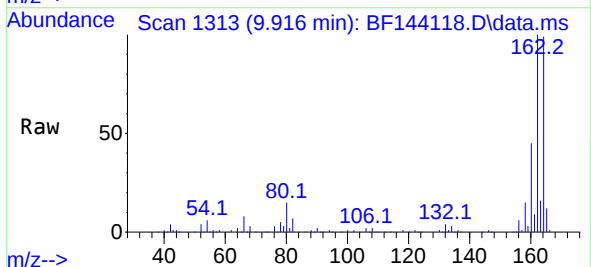
Instrument :  
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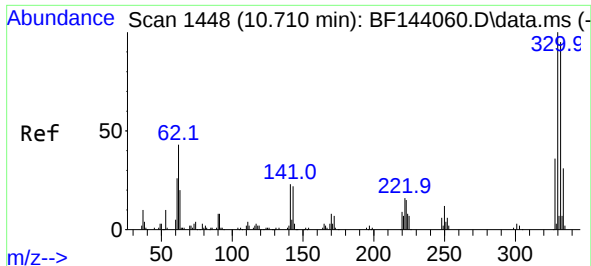
Tgt Ion: 82 Resp: 407272  
Ion Ratio Lower Upper  
82 100  
128 41.4 32.4 48.6  
54 66.6 54.0 81.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.916 min Scan# 1313  
Delta R.T. 0.000 min  
Lab File: BF144118.D  
Acq: 28 Oct 2025 23:39

Tgt Ion:164 Resp: 149548  
Ion Ratio Lower Upper  
164 100  
162 100.8 79.4 119.2  
160 45.0 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 125.466 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF144118.D

Acq: 28 Oct 2025 23:39

Instrument :

BNA\_F

ClientSampleId :

TP-12

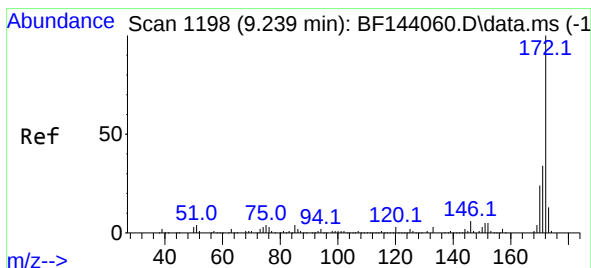
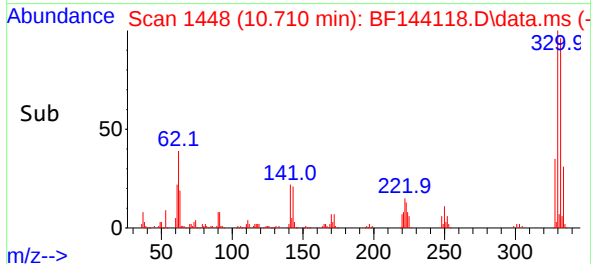
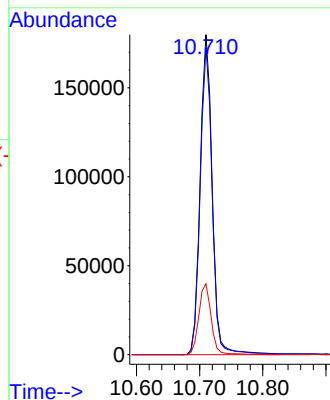
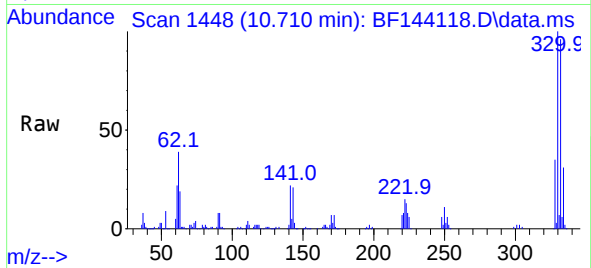
Tgt Ion:330 Resp: 239006

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

141 22.7 19.4 29.0



#45

2-Fluorobiphenyl

Concen: 80.644 ng

RT: 9.239 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF144118.D

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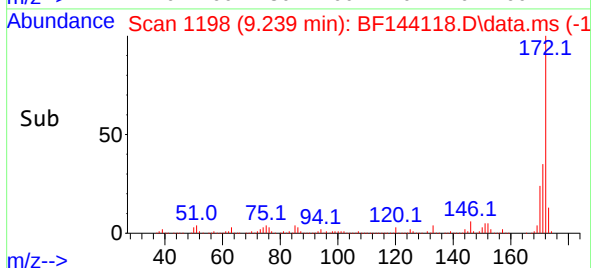
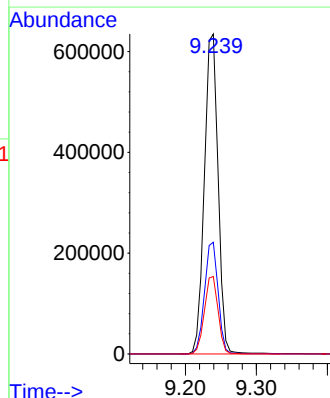
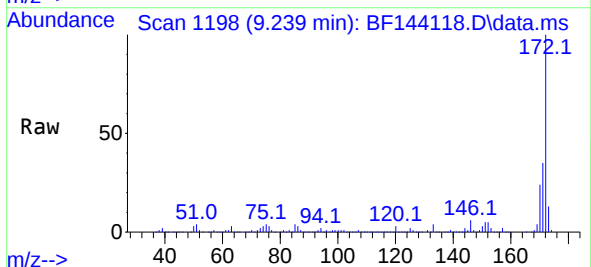
Tgt Ion:172 Resp: 857017

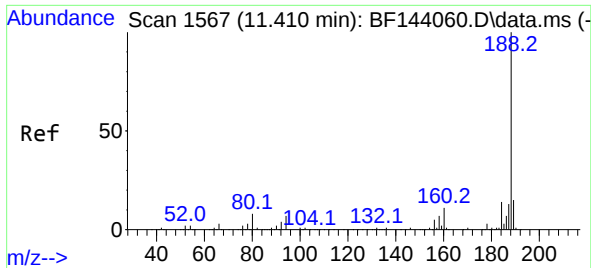
Ion Ratio Lower Upper

172 100

171 34.9 27.5 41.3

170 24.2 19.0 28.6

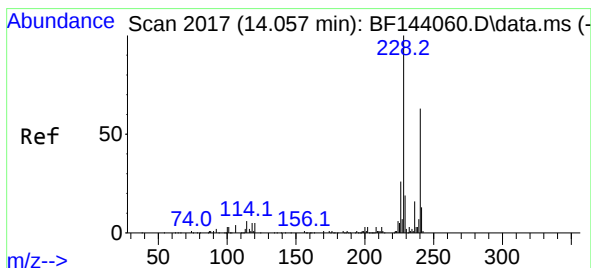
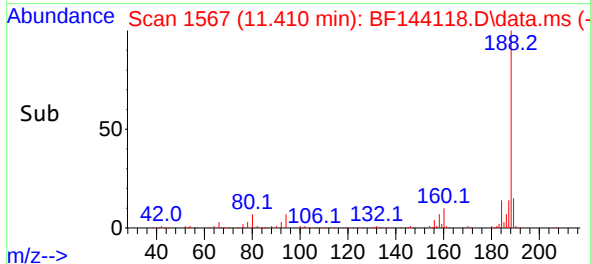
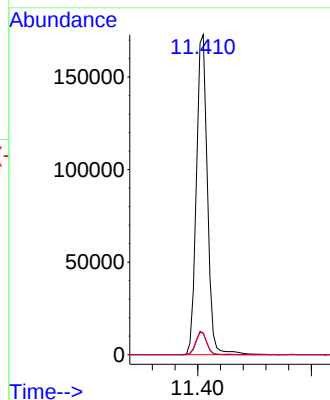
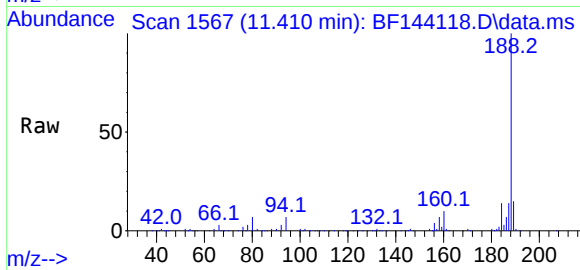




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF144118.D  
Acq: 28 Oct 2025 23:39

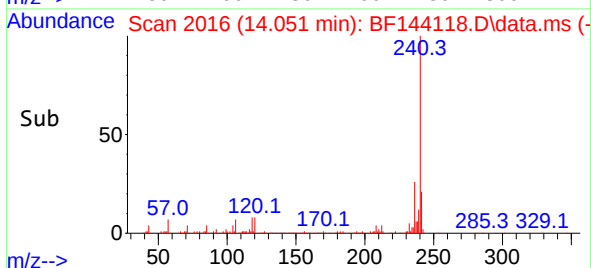
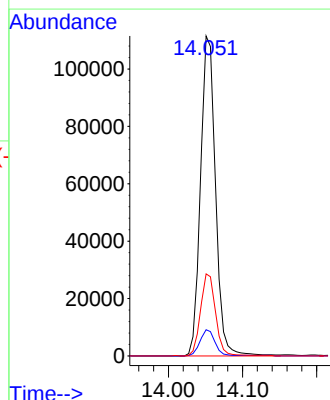
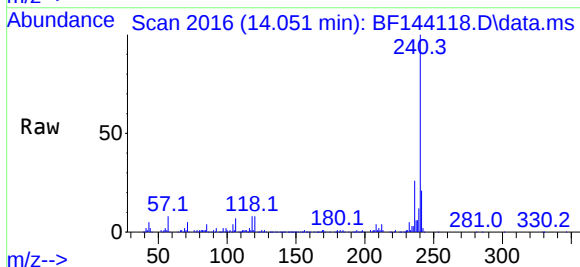
Instrument :  
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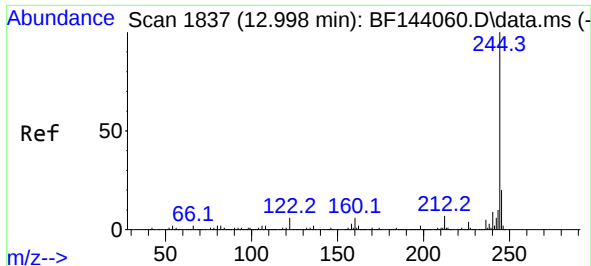
Tgt Ion:188 Resp: 233932  
Ion Ratio Lower Upper  
188 100  
94 6.7 5.4 8.0  
80 6.8 6.0 9.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.051 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: BF144118.D  
Acq: 28 Oct 2025 23:39

Tgt Ion:240 Resp: 156891  
Ion Ratio Lower Upper  
240 100  
120 8.2 6.5 9.7  
236 25.7 20.1 30.1

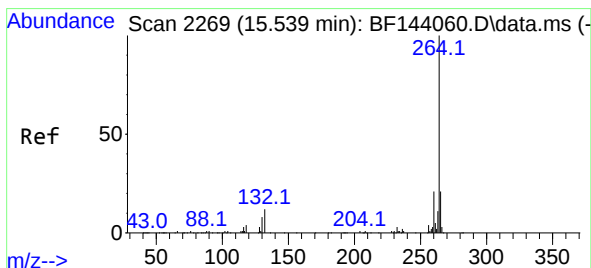
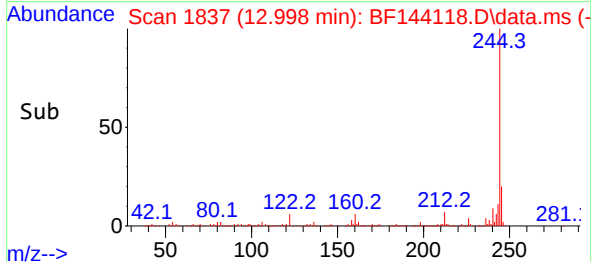
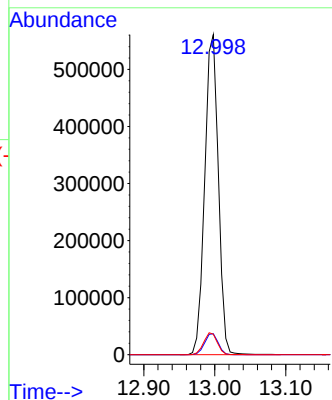
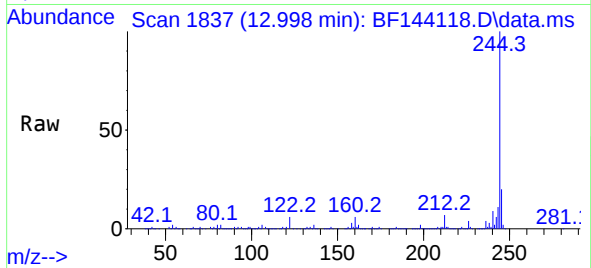




#79  
 Terphenyl-d14  
 Concen: 83.529 ng  
 RT: 12.998 min Scan# 1837  
 Delta R.T. 0.000 min  
 Lab File: BF144118.D  
 Acq: 28 Oct 2025 23:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
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Tgt Ion:244 Resp: 749614  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.8 8.6  
 122 6.4 4.9 7.3



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.539 min Scan# 2269  
 Delta R.T. 0.000 min  
 Lab File: BF144118.D  
 Acq: 28 Oct 2025 23:39

Tgt Ion:264 Resp: 198990  
 Ion Ratio Lower Upper  
 264 100  
 260 21.7 17.0 25.4  
 265 20.3 16.6 24.8

