

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100825\  
 Data File : BF143890.D  
 Acq On : 08 Oct 2025 12:20  
 Operator : RC/JU  
 Sample : PB169953BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB169953BL

Quant Time: Oct 08 12:40:54 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

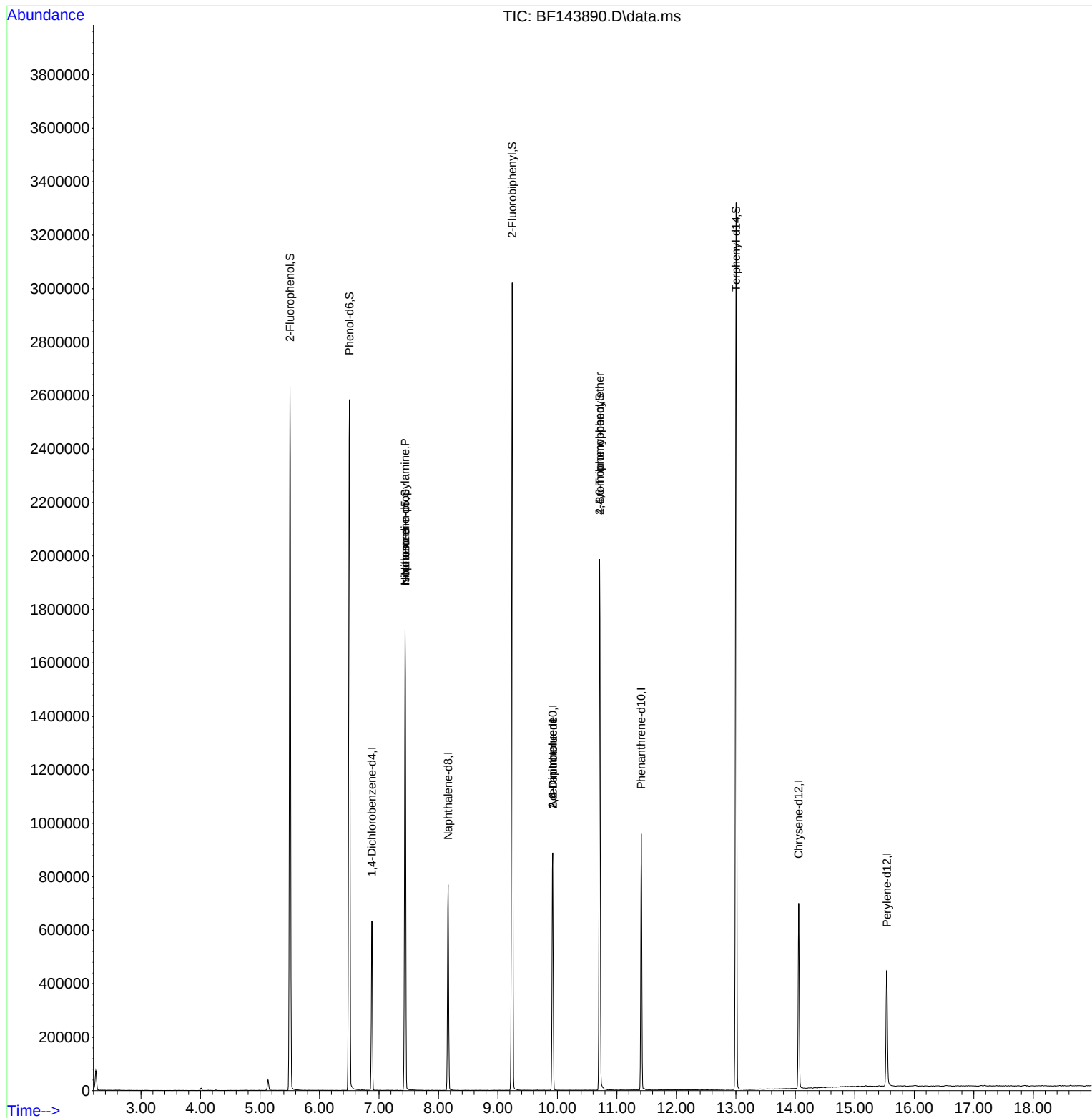
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 127094   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 497763   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 273707   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 502324   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.057 | 240  | 342677   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 15.539 | 264  | 291422   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 1031464  | 128.877 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 1259794  | 132.057 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.440  | 82   | 777635   | 94.915  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 391672   | 143.671 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 1502043  | 87.077  | ng    | -0.01    |
| 79) Terphenyl-d14             | 13.004 | 244  | 1806141  | 90.080  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.440  | 70   | 114597   | 17.549  | ng    | # 77     |
| 25) Isophorone                | 7.440  | 82   | 641288   | 37.122  | ng    | # 68     |
| 51) 2,6-Dinitrotoluene        | 9.922  | 165  | 34918    | 10.834  | ng    | # 26     |
| 57) 2,4-Dinitrotoluene        | 9.922  | 165  | 34918    | 7.962   | ng    | # 27     |
| 67) 4-Bromophenyl-phenylether | 10.710 | 248  | 23105    | 4.162   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

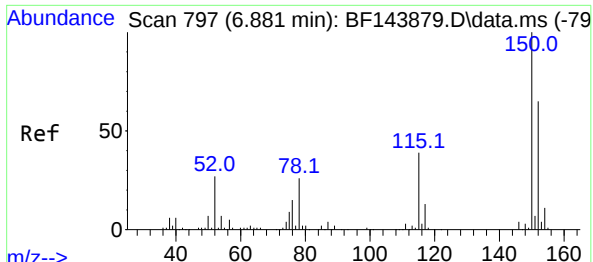
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100825\  
Data File : BF143890.D  
Acq On : 08 Oct 2025 12:20  
Operator : RC/JU  
Sample : PB169953BL  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BL

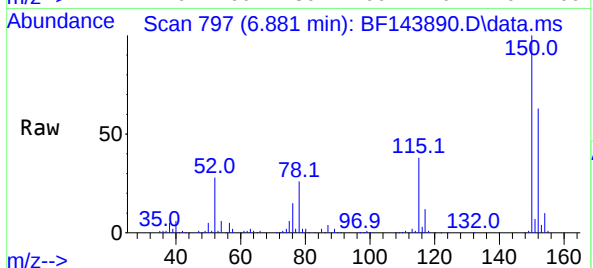
Quant Time: Oct 08 12:40:54 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration



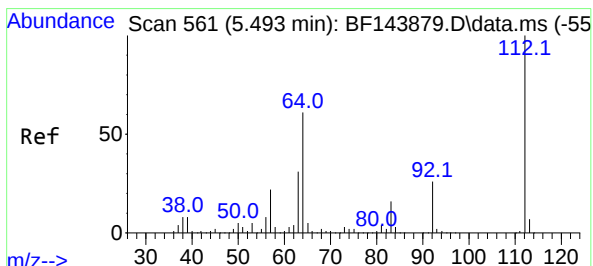
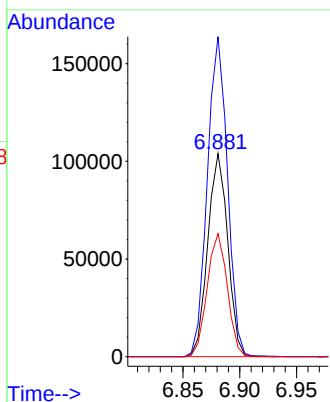
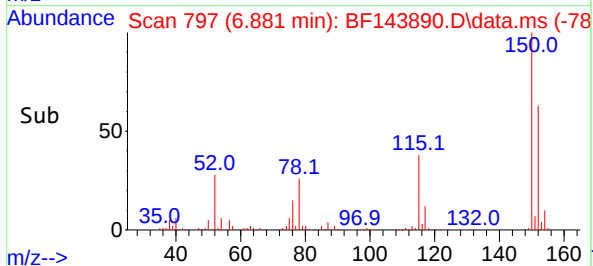


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BF143890.D  
Acq: 08 Oct 2025 12:20

Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BL

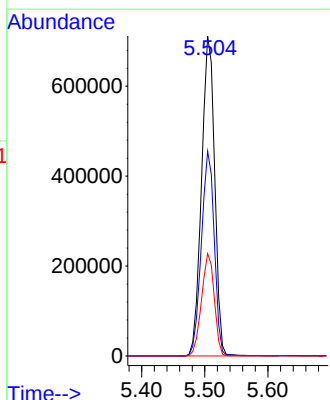
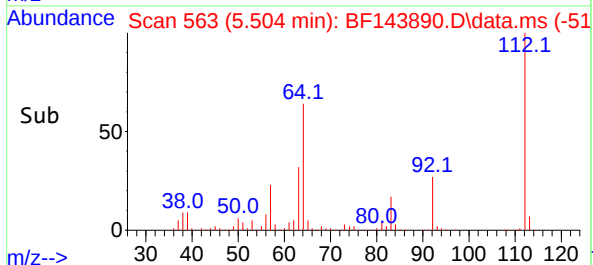
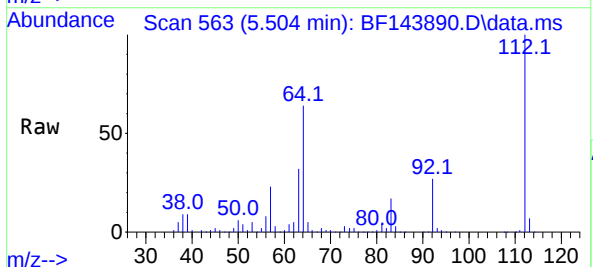


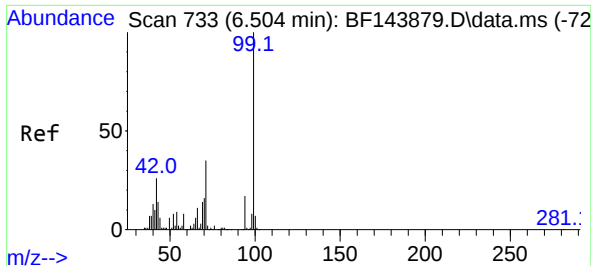
Tgt Ion:152 Resp: 127094  
Ion Ratio Lower Upper  
152 100  
150 157.6 124.4 186.6  
115 60.6 48.1 72.1



#5  
2-Fluorophenol  
Concen: 128.877 ng  
RT: 5.504 min Scan# 563  
Delta R.T. 0.006 min  
Lab File: BF143890.D  
Acq: 08 Oct 2025 12:20

Tgt Ion:112 Resp: 1031464  
Ion Ratio Lower Upper  
112 100  
64 64.0 49.1 73.7  
63 32.0 24.5 36.7

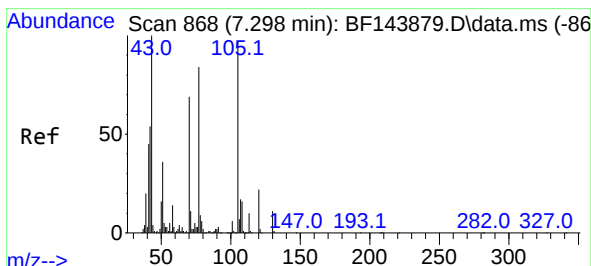
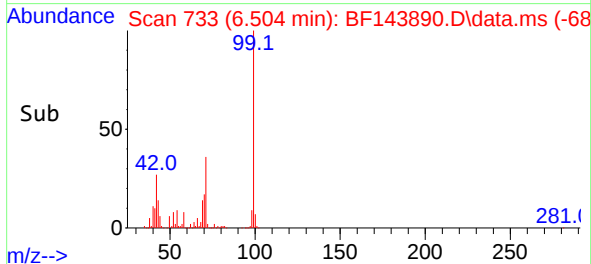
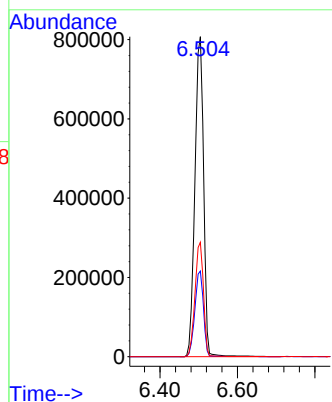
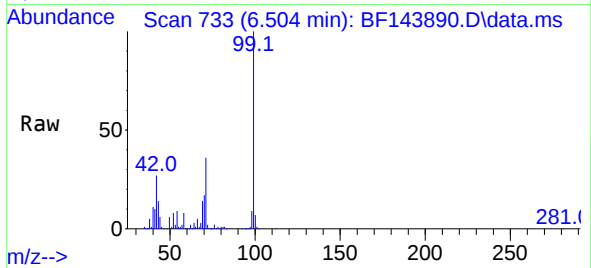




#7  
Phenol-d6  
Concen: 132.057 ng  
RT: 6.504 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF143890.D  
Acq: 08 Oct 2025 12:20

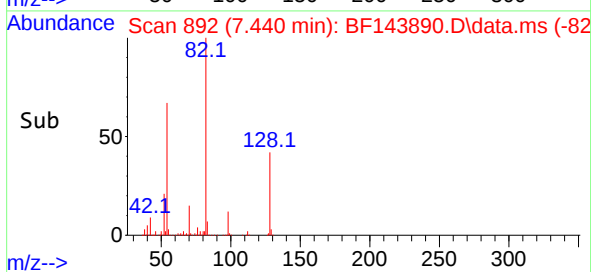
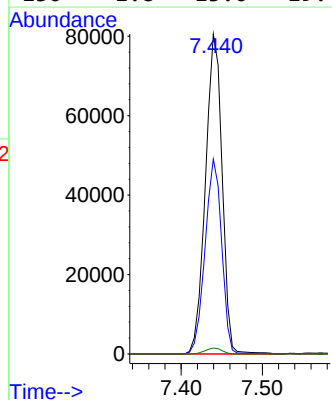
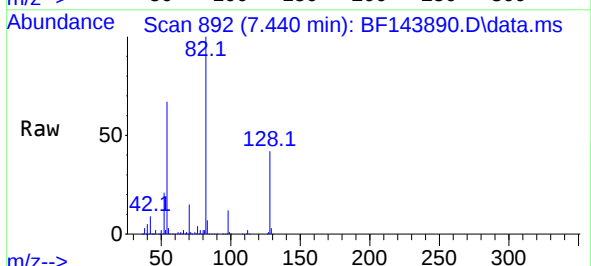
Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BL

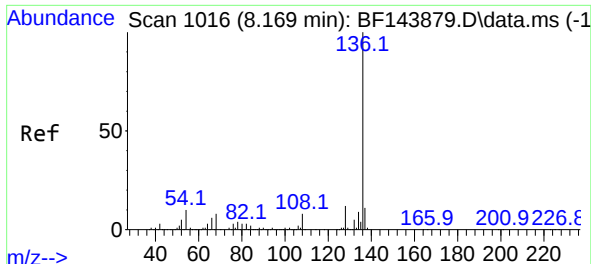
Tgt Ion: 99 Resp: 1259794  
Ion Ratio Lower Upper  
99 100  
42 26.7 21.0 31.4  
71 35.7 27.8 41.8



#19  
n-Nitroso-di-n-propylamine  
Concen: 17.549 ng  
RT: 7.440 min Scan# 892  
Delta R.T. 0.124 min  
Lab File: BF143890.D  
Acq: 08 Oct 2025 12:20

Tgt Ion: 70 Resp: 114597  
Ion Ratio Lower Upper  
70 100  
42 60.9 62.8 94.2#  
101 0.0 6.7 10.1#  
130 1.8 13.0 19.4#

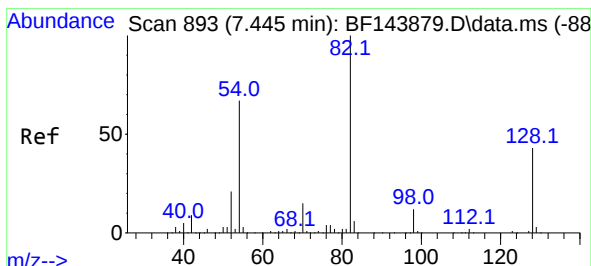
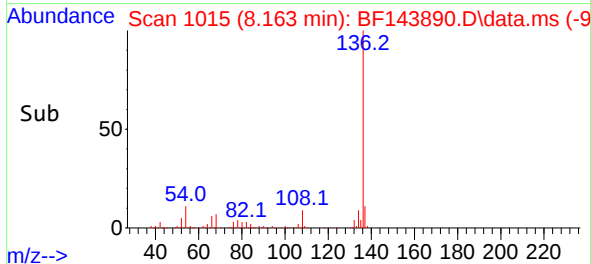
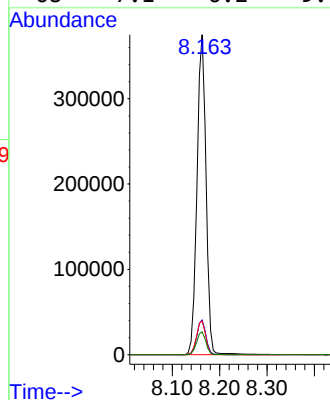
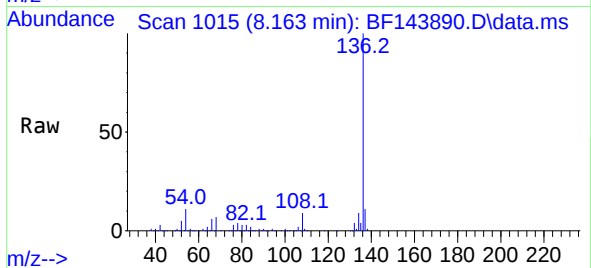




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF143890.D  
Acq: 08 Oct 2025 12:20

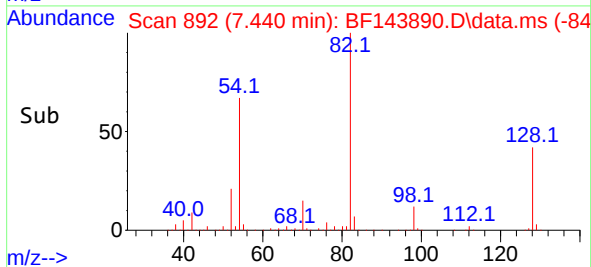
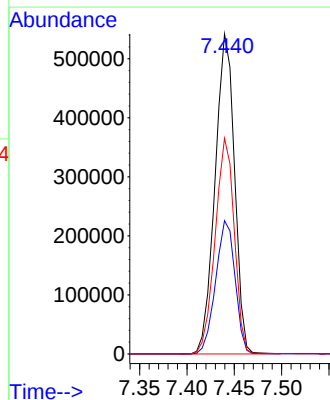
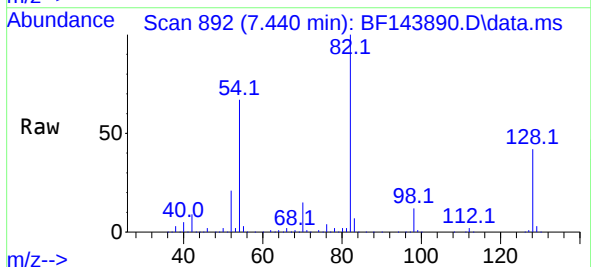
Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BL

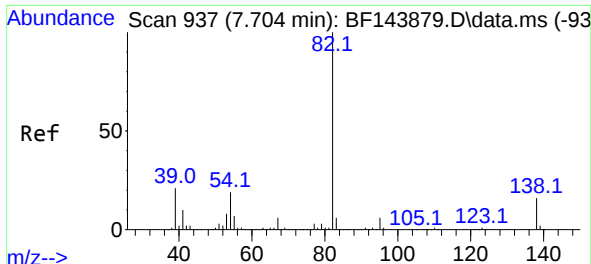
Tgt Ion:136 Resp: 497763  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.5 12.7  
54 10.6 8.2 12.4  
68 7.1 6.2 9.4



#23  
Nitrobenzene-d5  
Concen: 94.915 ng  
RT: 7.440 min Scan# 892  
Delta R.T. -0.017 min  
Lab File: BF143890.D  
Acq: 08 Oct 2025 12:20

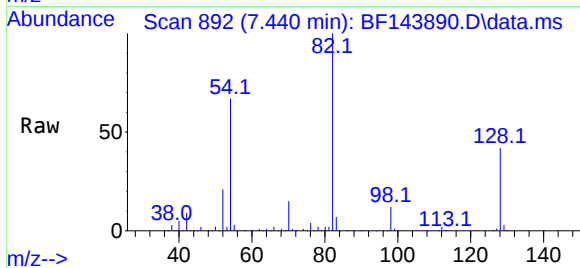
Tgt Ion: 82 Resp: 777635  
Ion Ratio Lower Upper  
82 100  
128 41.6 34.0 51.0  
54 67.4 53.2 79.8



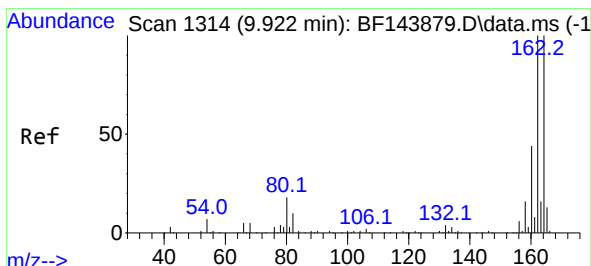
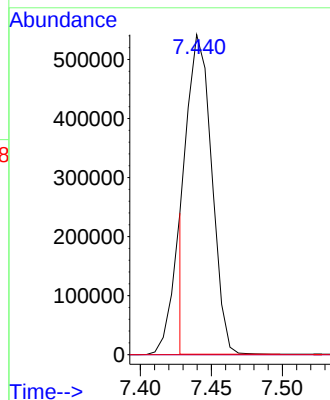
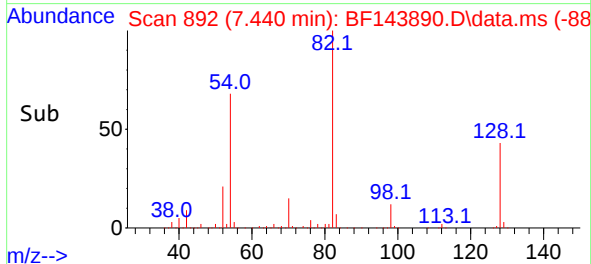


#25  
Isophorone  
Concen: 37.122 ng  
RT: 7.440 min Scan# 89  
Delta R.T. -0.282 min  
Lab File: BF143890.D  
Acq: 08 Oct 2025 12:20

Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BL

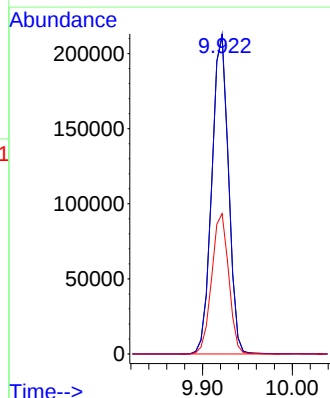
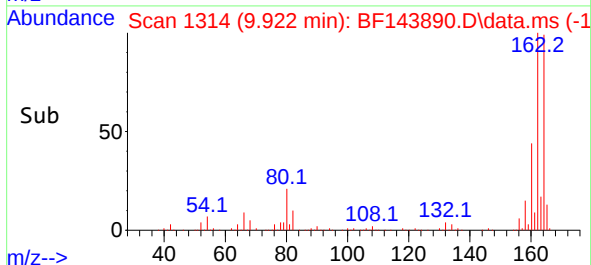
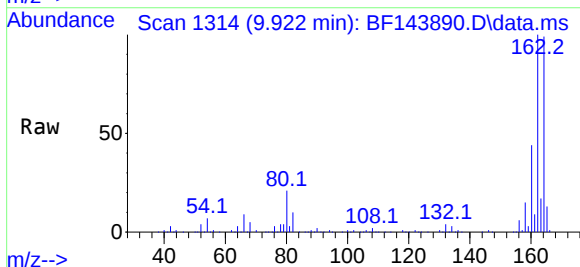


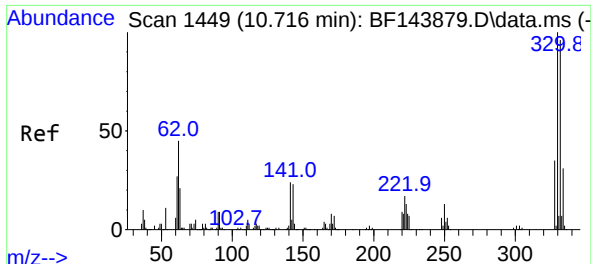
Tgt Ion: 82 Resp: 641288  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.1 7.7#  
138 0.0 12.9 19.3#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.922 min Scan# 1314  
Delta R.T. -0.005 min  
Lab File: BF143890.D  
Acq: 08 Oct 2025 12:20

Tgt Ion:164 Resp: 273707  
Ion Ratio Lower Upper  
164 100  
162 100.9 80.2 120.2  
160 44.3 35.4 53.0

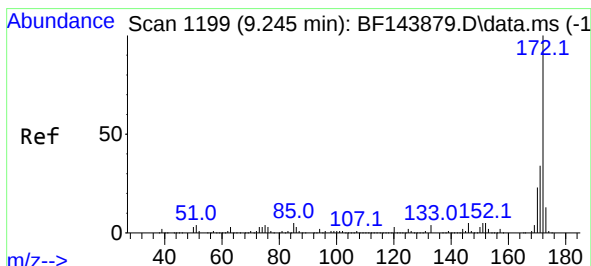
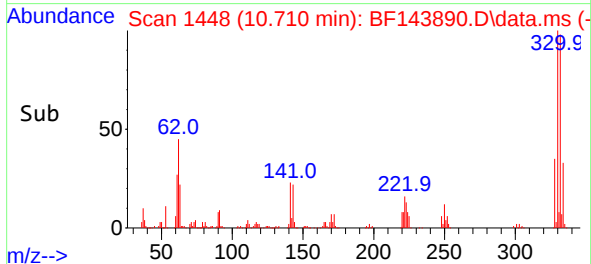
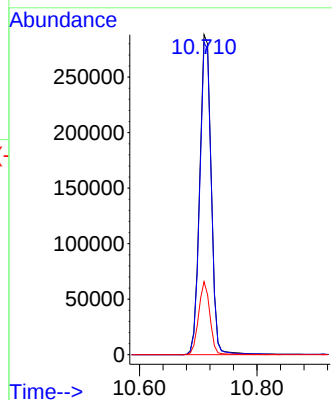
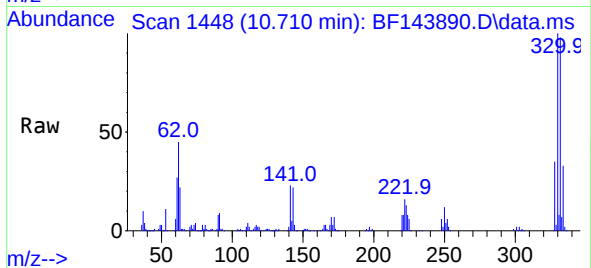




#42  
2,4,6-Tribromophenol  
Concen: 143.671 ng  
RT: 10.710 min Scan# 1449  
Delta R.T. -0.012 min  
Lab File: BF143890.D  
Acq: 08 Oct 2025 12:20

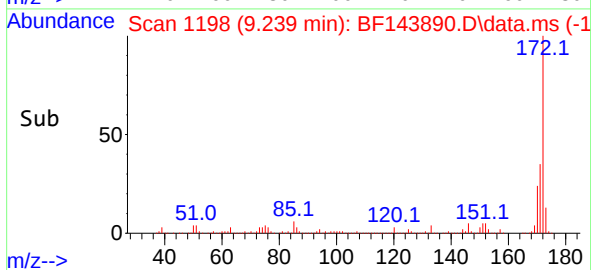
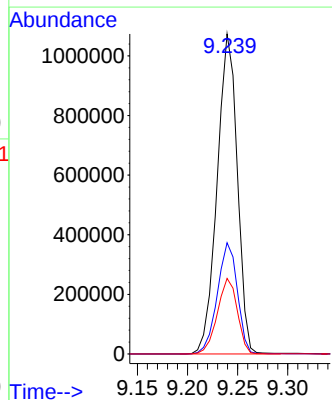
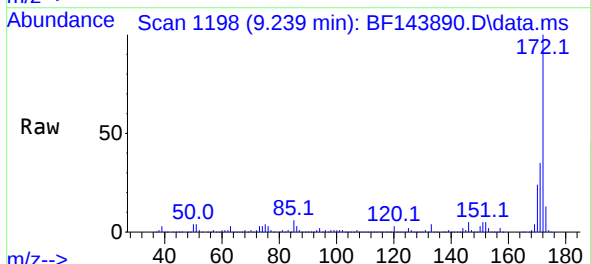
Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BL

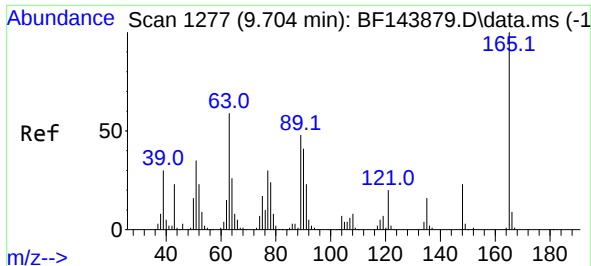
Tgt Ion:330 Resp: 391672  
Ion Ratio Lower Upper  
330 100  
332 97.0 76.9 115.3  
141 22.4 20.2 30.4



#45  
2-Fluorobiphenyl  
Concen: 87.077 ng  
RT: 9.239 min Scan# 1198  
Delta R.T. -0.012 min  
Lab File: BF143890.D  
Acq: 08 Oct 2025 12:20

Tgt Ion:172 Resp: 1502043  
Ion Ratio Lower Upper  
172 100  
171 34.8 27.4 41.0  
170 23.6 18.6 28.0

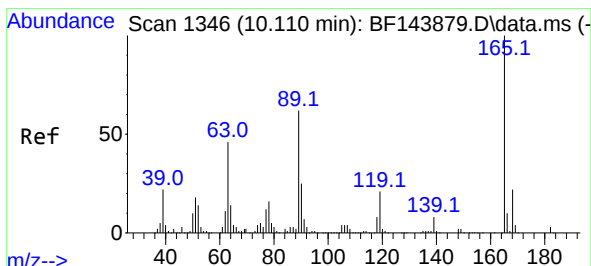
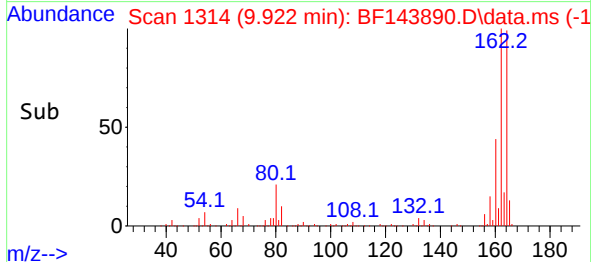
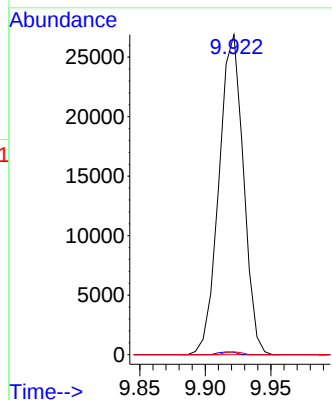
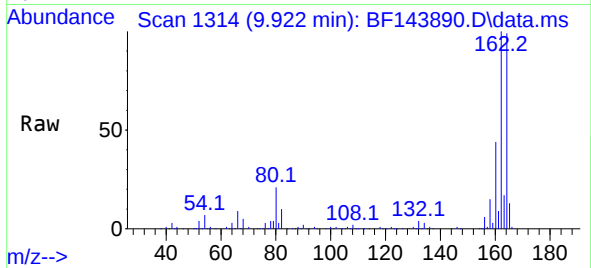




#51  
2,6-Dinitrotoluene  
Concen: 10.834 ng  
RT: 9.922 min Scan# 11  
Delta R.T. 0.206 min  
Lab File: BF143890.D  
Acq: 08 Oct 2025 12:20

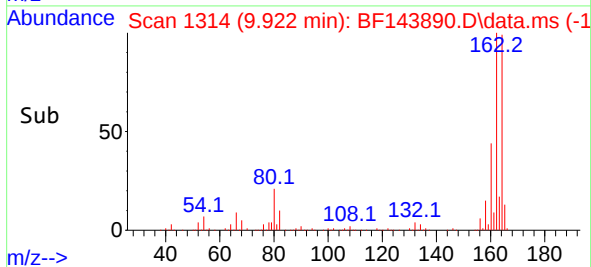
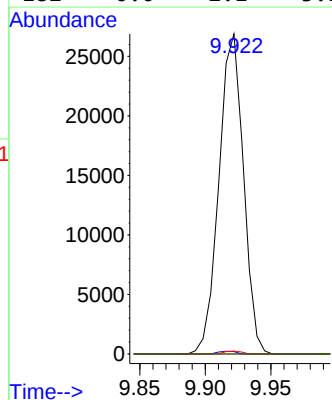
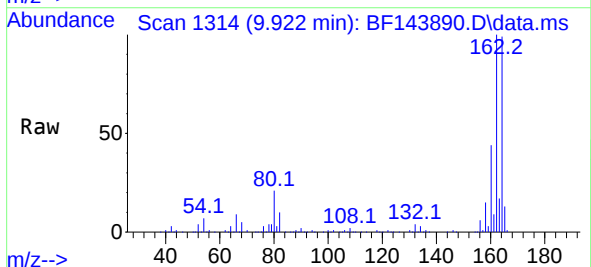
Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BL

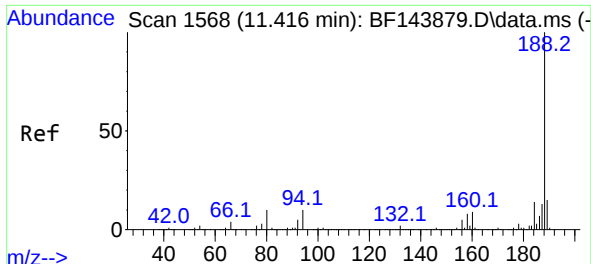
Tgt Ion:165 Resp: 34918  
Ion Ratio Lower Upper  
165 100  
63 0.8 47.3 70.9#  
89 0.9 38.2 57.4#



#57  
2,4-Dinitrotoluene  
Concen: 7.962 ng  
RT: 9.922 min Scan# 1314  
Delta R.T. -0.194 min  
Lab File: BF143890.D  
Acq: 08 Oct 2025 12:20

Tgt Ion:165 Resp: 34918  
Ion Ratio Lower Upper  
165 100  
63 0.8 37.2 55.8#  
89 0.9 49.4 74.2#  
182 0.0 2.1 3.1#

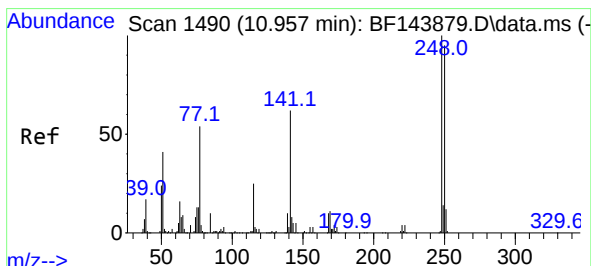
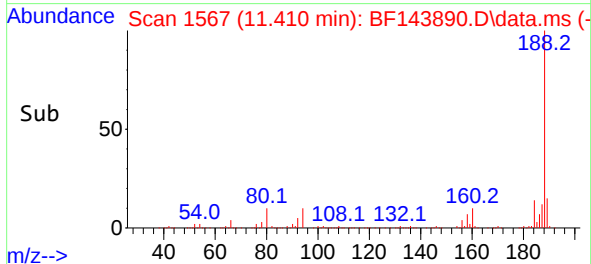
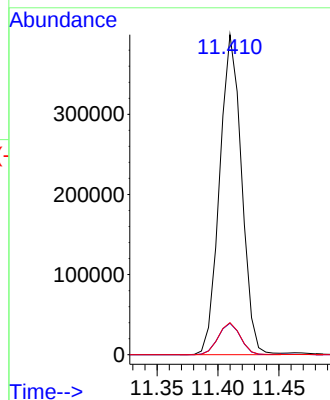
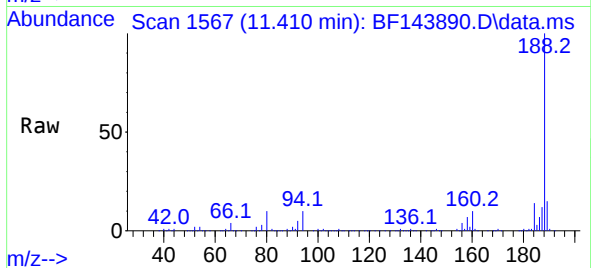




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF143890.D  
Acq: 08 Oct 2025 12:20

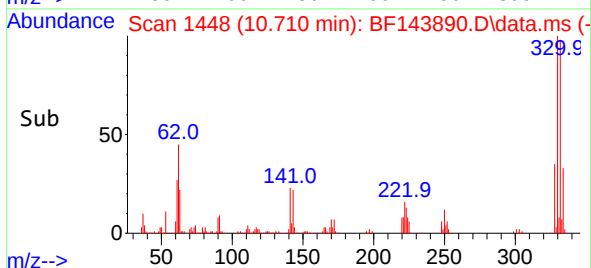
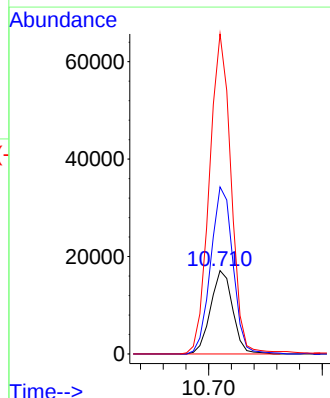
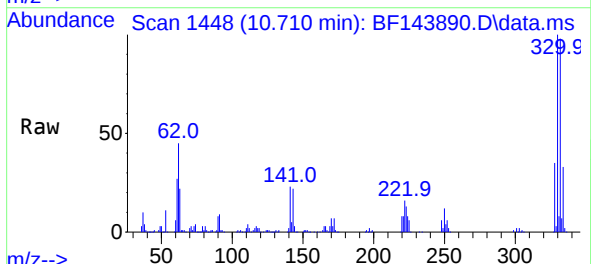
Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BL

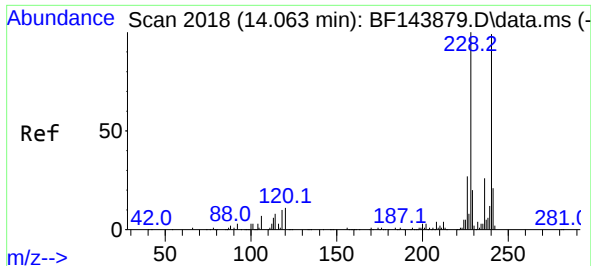
Tgt Ion:188 Resp: 502324  
Ion Ratio Lower Upper  
188 100  
94 9.9 7.8 11.6  
80 10.0 7.9 11.9



#67  
4-Bromophenyl-phenylether  
Concen: 4.162 ng  
RT: 10.710 min Scan# 1448  
Delta R.T. -0.253 min  
Lab File: BF143890.D  
Acq: 08 Oct 2025 12:20

Tgt Ion:248 Resp: 23105  
Ion Ratio Lower Upper  
248 100  
250 200.5 76.3 114.5#  
141 384.1 49.7 74.5#

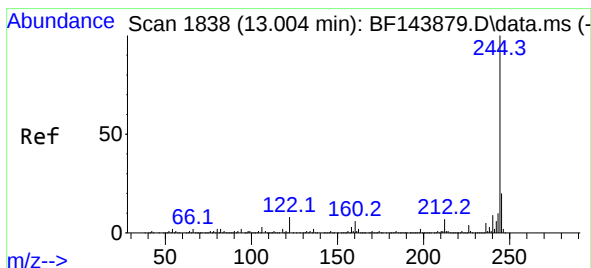
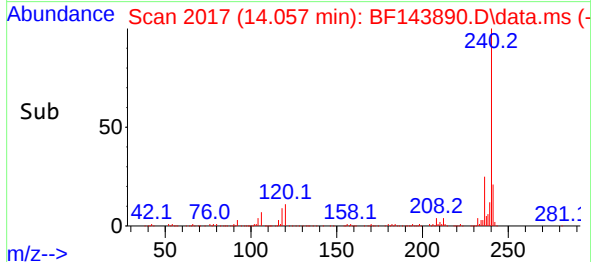
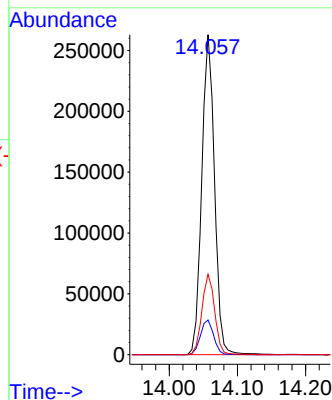
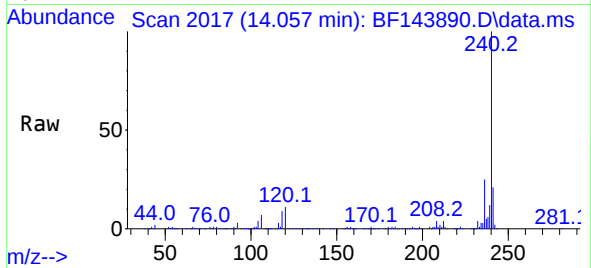




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 20  
Delta R.T. -0.011 min  
Lab File: BF143890.D  
Acq: 08 Oct 2025 12:20

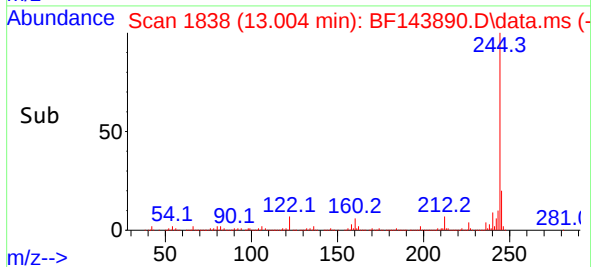
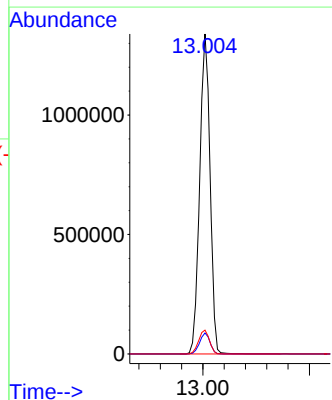
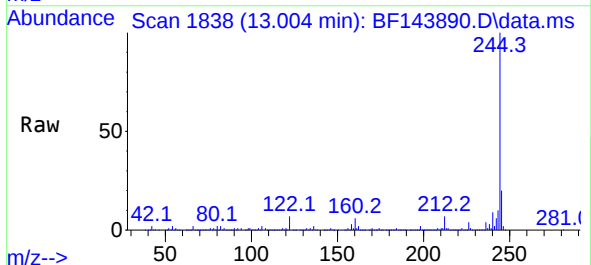
Instrument :  
BNA\_F  
ClientSampleId :  
PB169953BL

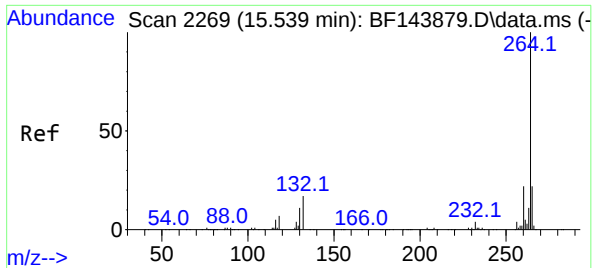
Tgt Ion:240 Resp: 342677  
Ion Ratio Lower Upper  
240 100  
120 10.9 8.6 13.0  
236 25.1 21.1 31.7



#79  
Terphenyl-d14  
Concen: 90.080 ng  
RT: 13.004 min Scan# 1838  
Delta R.T. -0.006 min  
Lab File: BF143890.D  
Acq: 08 Oct 2025 12:20

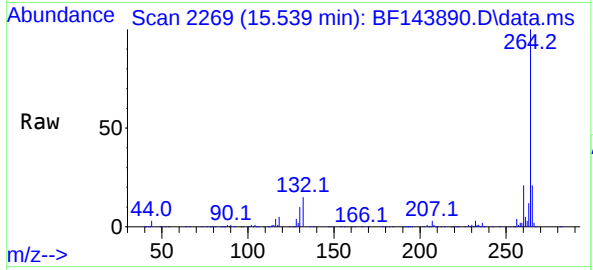
Tgt Ion:244 Resp: 1806141  
Ion Ratio Lower Upper  
244 100  
212 6.6 5.4 8.0  
122 7.5 6.4 9.6





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.539 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BF143890.D  
 Acq: 08 Oct 2025 12:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB169953BL



Tgt Ion:264 Resp: 291422  
 Ion Ratio Lower Upper  
 264 100  
 260 20.8 17.8 26.8  
 265 20.9 17.5 26.3

