

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF110325\  
 Data File : BF144164.D  
 Acq On : 03 Nov 2025 16:50  
 Operator : RC/JU  
 Sample : PB170372BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170372BL

Quant Time: Nov 04 10:11:23 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

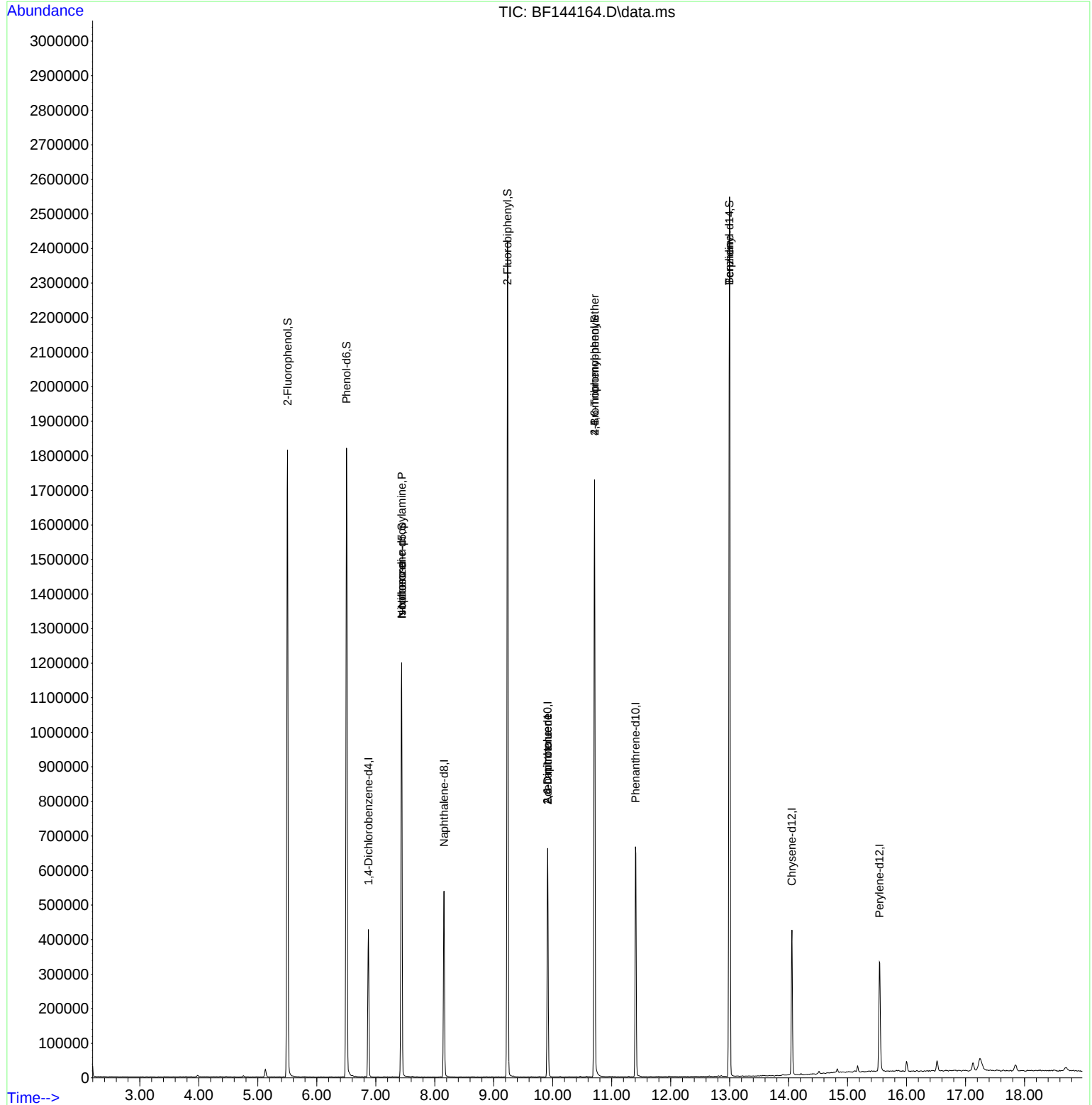
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.875  | 152  | 89363    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 350754   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.916  | 164  | 208659   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.404 | 188  | 386192   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.057 | 240  | 219855   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.539 | 264  | 212846   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 718816   | 127.261 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.504  | 99   | 834229   | 133.733 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.440  | 82   | 544599   | 85.065  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 369783   | 139.125 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.234  | 172  | 1173040  | 79.111  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.998 | 244  | 1415307  | 112.541 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.440  | 70   | 80653    | 19.994  | ng    | Qvalue   |
| 25) Isophorone                | 7.440  | 82   | 541423   | 48.372  | ng    | # 71     |
| 51) 2,6-Dinitrotoluene        | 9.916  | 165  | 26169    | 9.678   | ng    | # 66     |
| 57) 2,4-Dinitrotoluene        | 9.916  | 165  | 26169    | 7.171   | ng    | # 23     |
| 67) 4-Bromophenyl-phenylether | 10.710 | 248  | 20836    | 4.309   | ng    | # 25     |
| 77) Benzidine                 | 12.998 | 184  | 15774    | 2.305   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

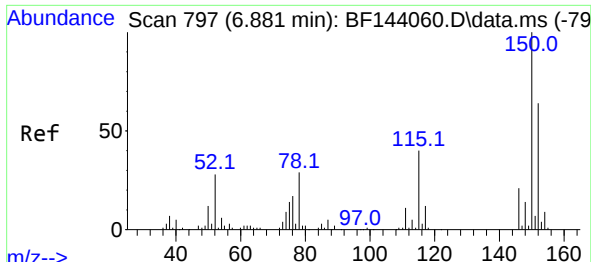
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF110325\  
Data File : BF144164.D  
Acq On : 03 Nov 2025 16:50  
Operator : RC/JU  
Sample : PB170372BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB170372BL

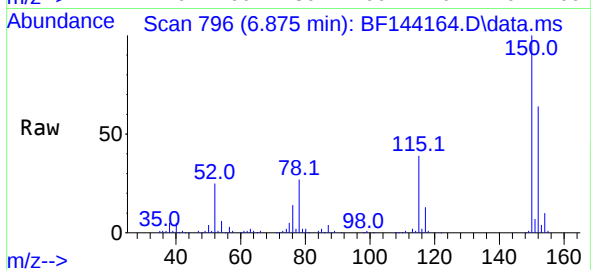
Quant Time: Nov 04 10:11:23 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 24 17:30:25 2025  
Response via : Initial Calibration



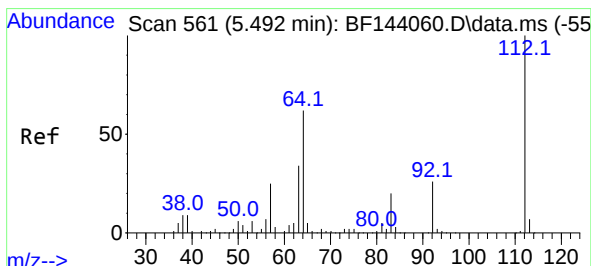
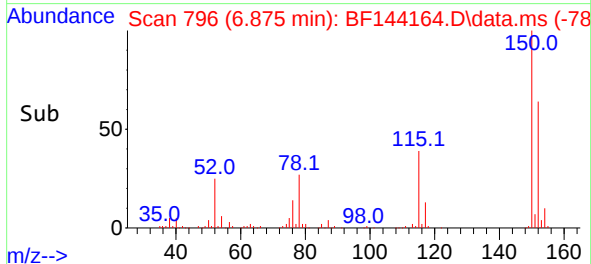
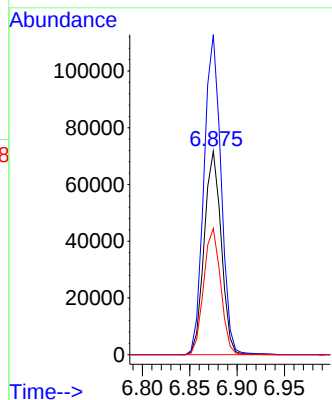


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 79  
Delta R.T. -0.006 min  
Lab File: BF144164.D  
Acq: 03 Nov 2025 16:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB170372BL

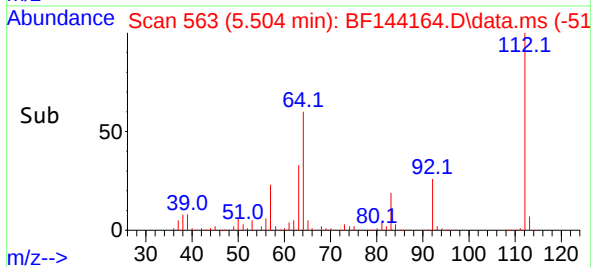
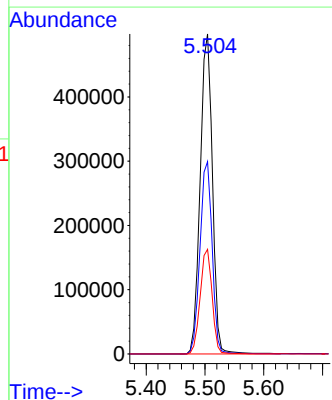
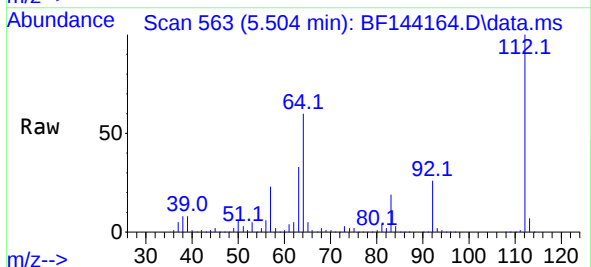


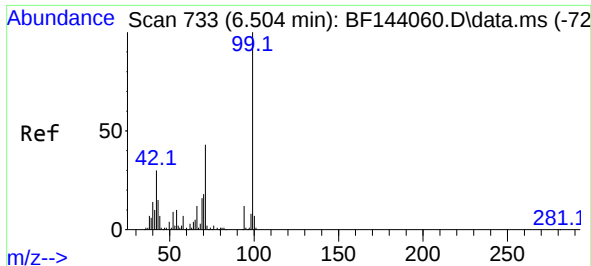
Tgt Ion:152 Resp: 89363  
Ion Ratio Lower Upper  
152 100  
150 157.2 124.4 186.6  
115 62.0 49.4 74.0



#5  
2-Fluorophenol  
Concen: 127.261 ng  
RT: 5.504 min Scan# 563  
Delta R.T. 0.012 min  
Lab File: BF144164.D  
Acq: 03 Nov 2025 16:50

Tgt Ion:112 Resp: 718816  
Ion Ratio Lower Upper  
112 100  
64 60.1 49.8 74.8  
63 32.7 27.4 41.2

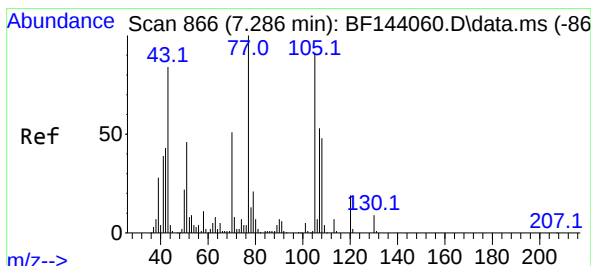
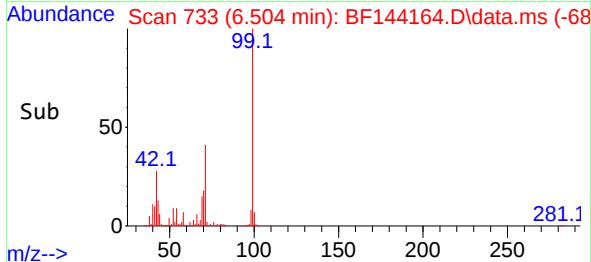
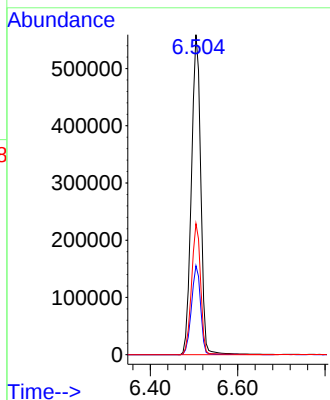
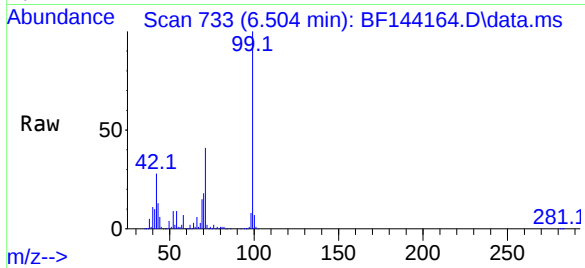




#7  
Phenol-d6  
Concen: 133.733 ng  
RT: 6.504 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF144164.D  
Acq: 03 Nov 2025 16:50

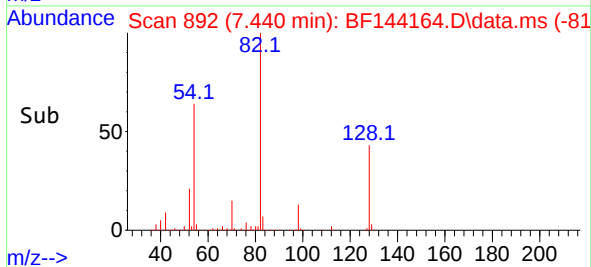
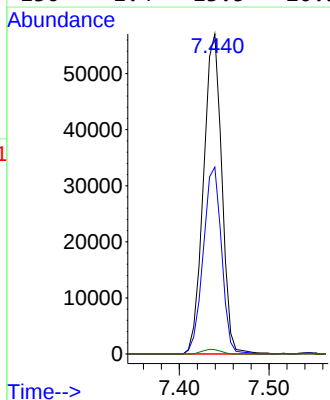
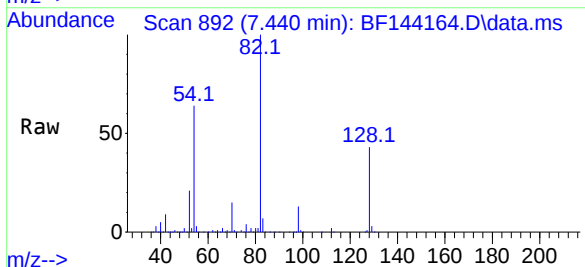
Instrument :  
BNA\_F  
ClientSampleId :  
PB170372BL

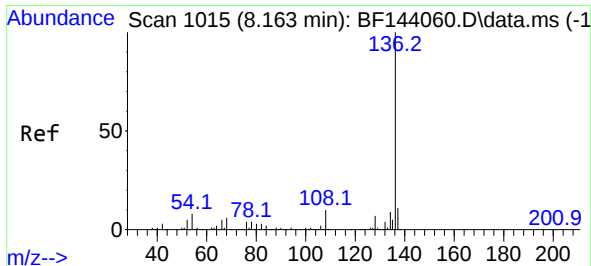
Tgt Ion: 99 Resp: 834229  
Ion Ratio Lower Upper  
99 100  
42 27.8 23.9 35.9  
71 41.0 34.4 51.6



#19  
n-Nitroso-di-n-propylamine  
Concen: 19.994 ng  
RT: 7.440 min Scan# 892  
Delta R.T. 0.153 min  
Lab File: BF144164.D  
Acq: 03 Nov 2025 16:50

Tgt Ion: 70 Resp: 80653  
Ion Ratio Lower Upper  
70 100  
42 58.4 67.4 101.0#  
101 0.0 7.1 10.7#  
130 1.4 13.5 20.3#



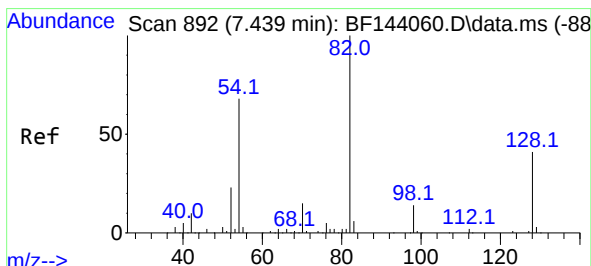
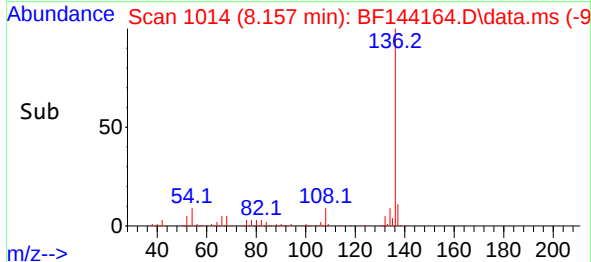
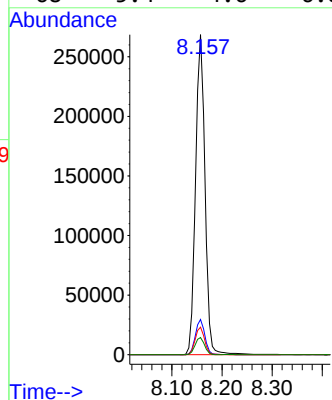
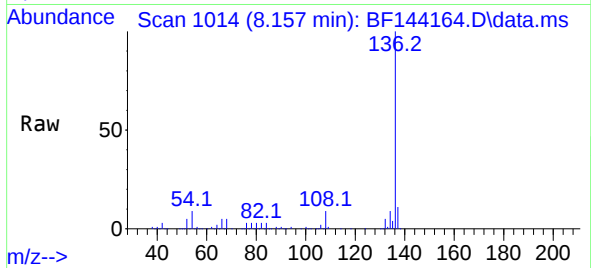


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1014  
Delta R.T. -0.006 min  
Lab File: BF144164.D  
Acq: 03 Nov 2025 16:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB170372BL

Tgt Ion:136 Resp: 350754

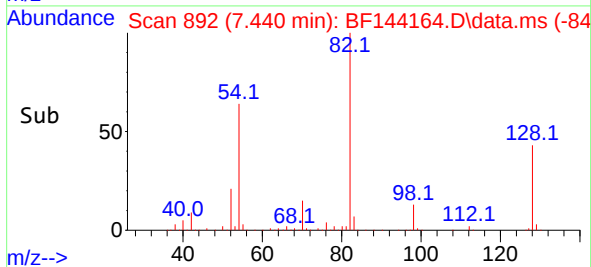
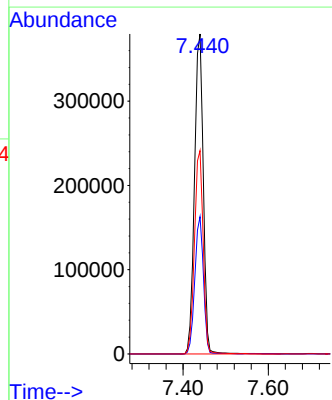
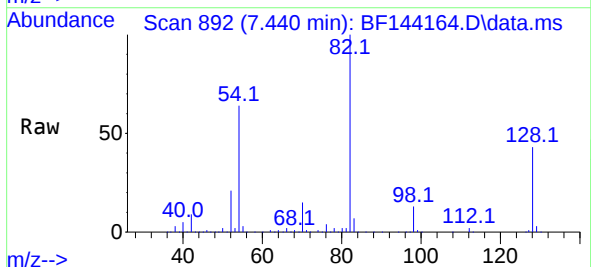
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.6   | 13.0  |
| 54  | 8.6   | 6.6   | 9.8   |
| 68  | 5.4   | 4.6   | 6.8   |

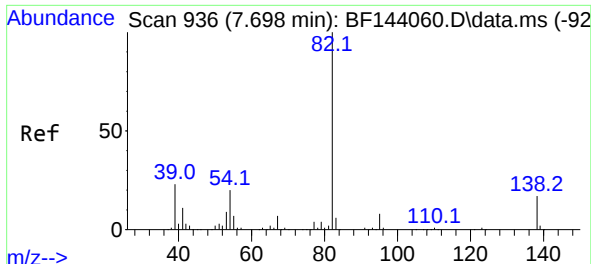


#23  
Nitrobenzene-d5  
Concen: 85.065 ng  
RT: 7.440 min Scan# 892  
Delta R.T. 0.000 min  
Lab File: BF144164.D  
Acq: 03 Nov 2025 16:50

Tgt Ion: 82 Resp: 544599

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 42.9  | 32.4  | 48.6  |
| 54  | 63.6  | 54.0  | 81.0  |

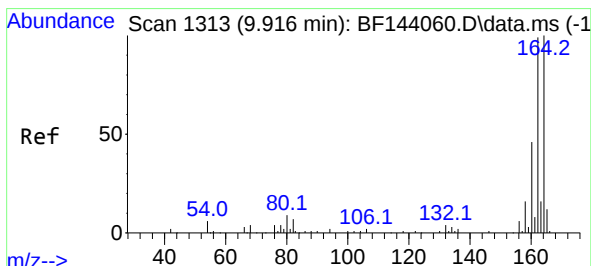
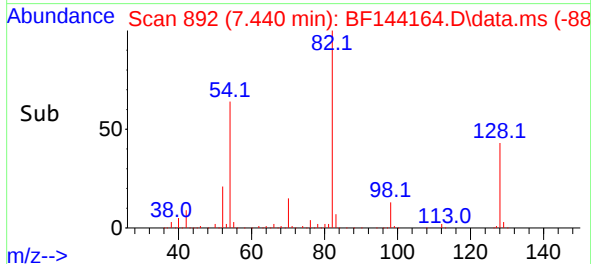
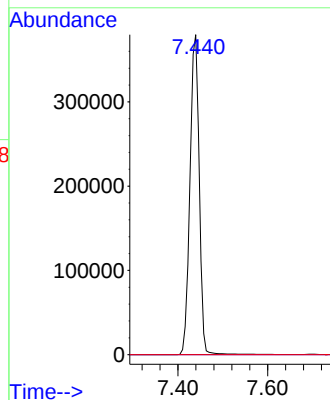
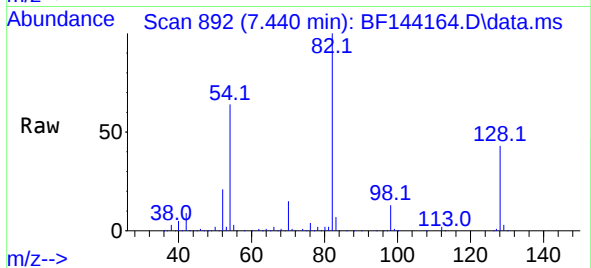




#25  
Isophorone  
Concen: 48.372 ng  
RT: 7.440 min Scan# 892  
Delta R.T. -0.259 min  
Lab File: BF144164.D  
Acq: 03 Nov 2025 16:50

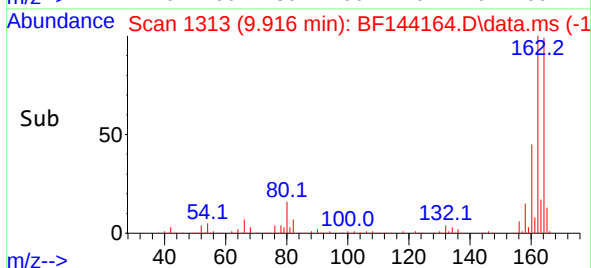
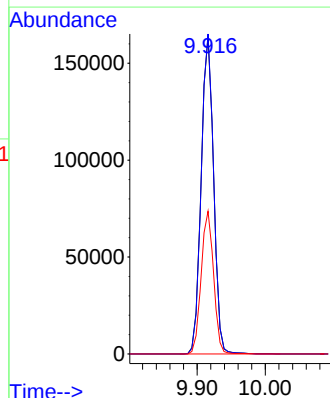
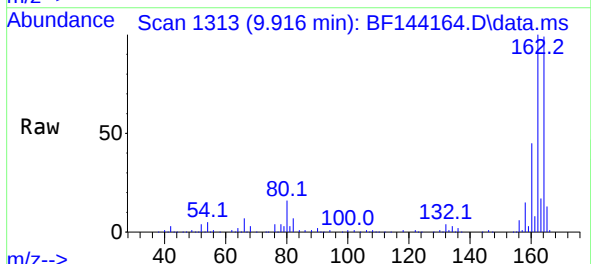
Instrument :  
BNA\_F  
ClientSampleId :  
PB170372BL

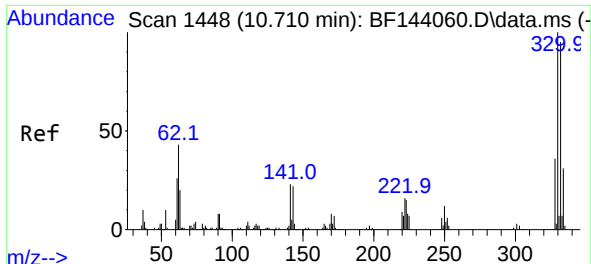
Tgt Ion: 82 Resp: 541423  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.6 9.8#  
138 0.0 13.8 20.8#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.916 min Scan# 1313  
Delta R.T. 0.000 min  
Lab File: BF144164.D  
Acq: 03 Nov 2025 16:50

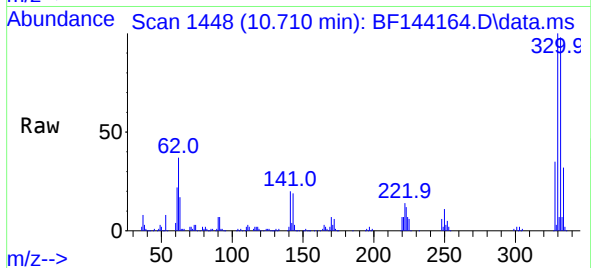
Tgt Ion:164 Resp: 208659  
Ion Ratio Lower Upper  
164 100  
162 100.7 79.4 119.2  
160 44.9 36.7 55.1



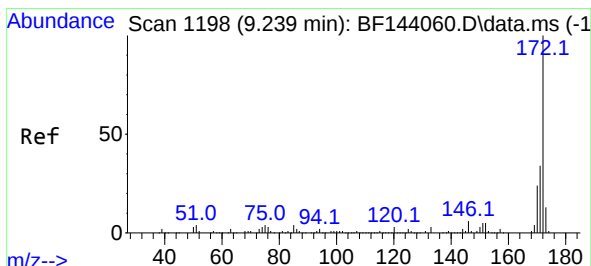
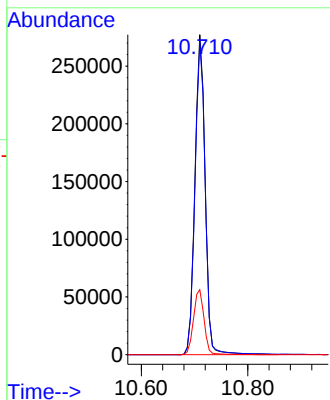
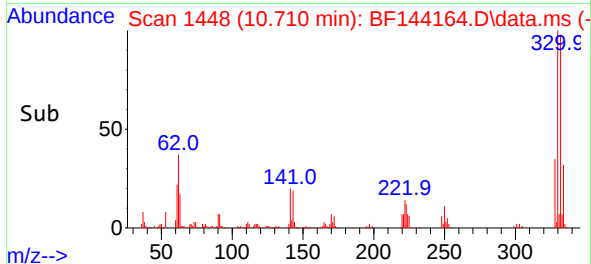


#42  
2,4,6-Tribromophenol  
Concen: 139.125 ng  
RT: 10.710 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: BF144164.D  
Acq: 03 Nov 2025 16:50

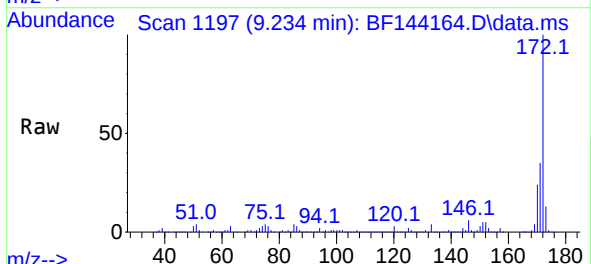
Instrument :  
BNA\_F  
ClientSampleId :  
PB170372BL



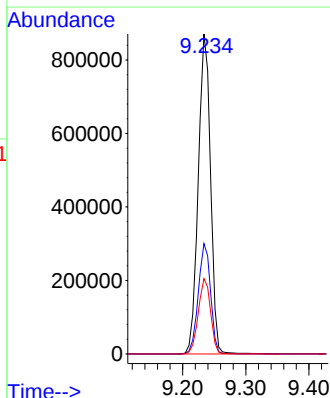
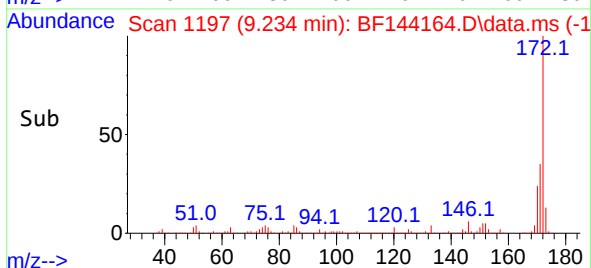
Tgt Ion:330 Resp: 369783  
Ion Ratio Lower Upper  
330 100  
332 97.6 77.0 115.6  
141 21.0 19.4 29.0

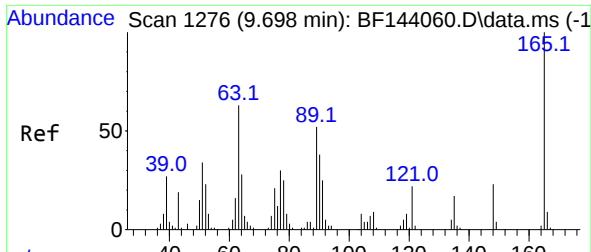


#45  
2-Fluorobiphenyl  
Concen: 79.111 ng  
RT: 9.234 min Scan# 1197  
Delta R.T. -0.006 min  
Lab File: BF144164.D  
Acq: 03 Nov 2025 16:50



Tgt Ion:172 Resp: 1173040  
Ion Ratio Lower Upper  
172 100  
171 34.5 27.5 41.3  
170 23.5 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 9.678 ng

RT: 9.916 min Scan# 11

Delta R.T. 0.218 min

Lab File: BF144164.D

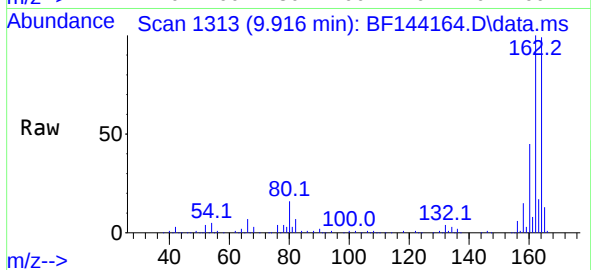
Acq: 03 Nov 2025 16:50

Instrument :

BNA\_F

ClientSampleId :

PB170372BL



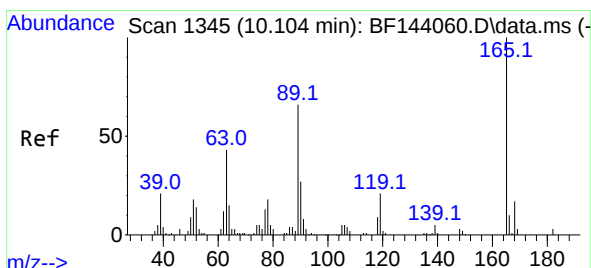
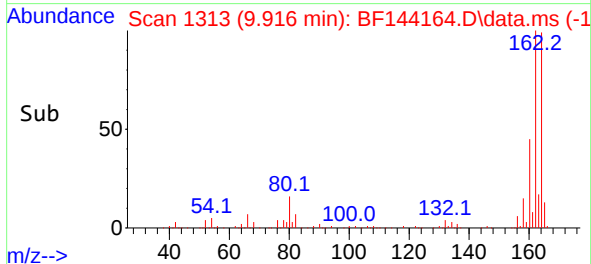
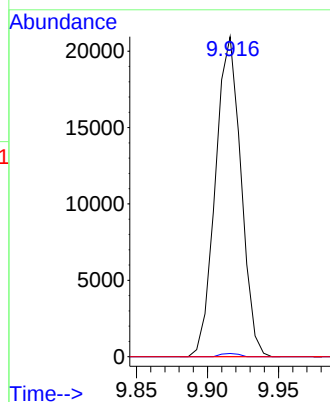
Tgt Ion:165 Resp: 26169

Ion Ratio Lower Upper

165 100

63 1.0 50.4 75.6#

89 0.0 41.4 62.2#



#57

2,4-Dinitrotoluene

Concen: 7.171 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.188 min

Lab File: BF144164.D

Acq: 03 Nov 2025 16:50

Tgt Ion:165 Resp: 26169

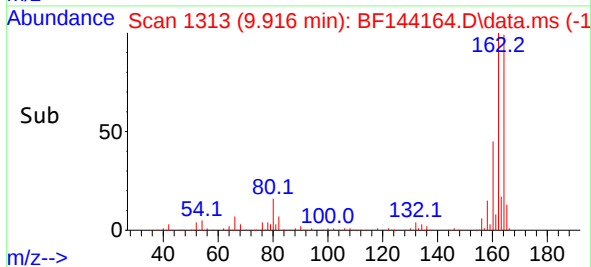
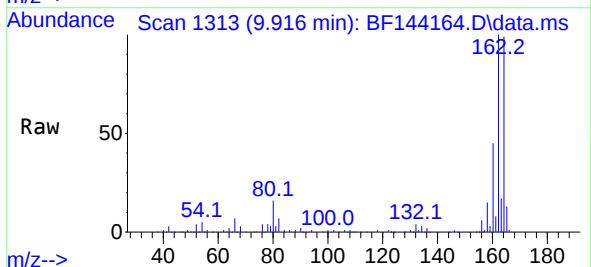
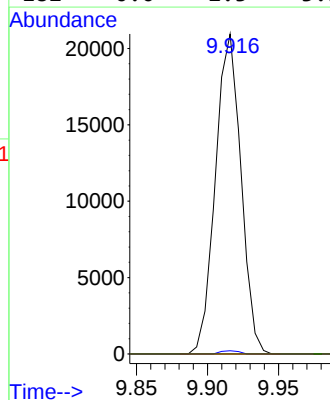
Ion Ratio Lower Upper

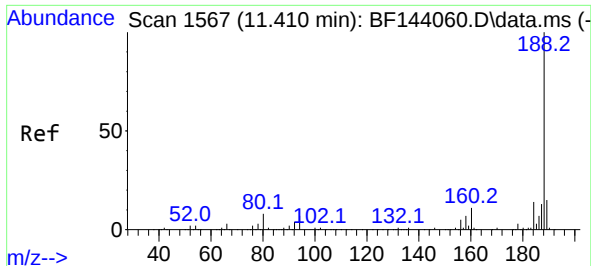
165 100

63 1.0 35.4 53.2#

89 0.0 52.7 79.1#

182 0.0 2.3 3.5#

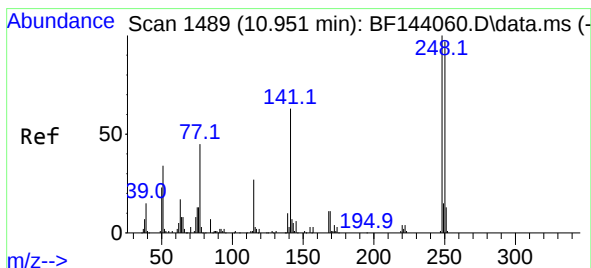
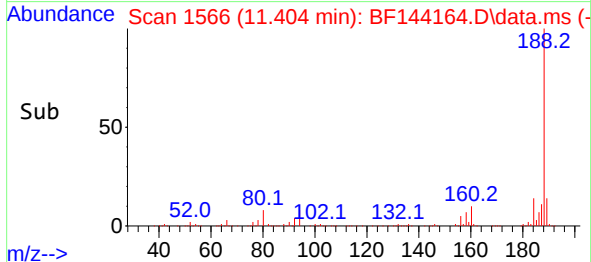
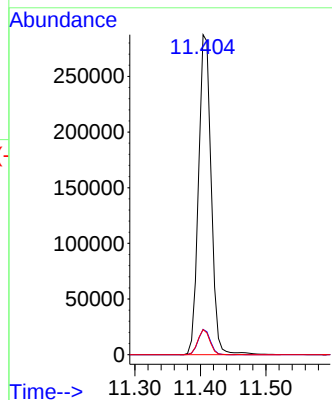
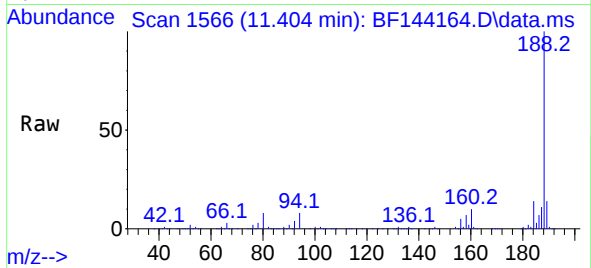




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.404 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF144164.D  
Acq: 03 Nov 2025 16:50

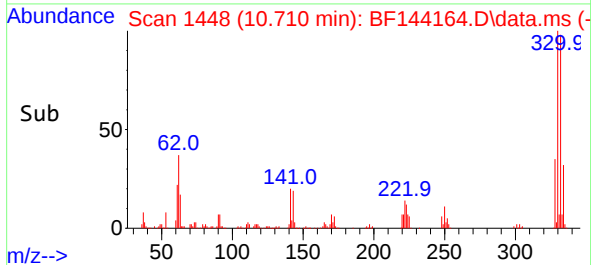
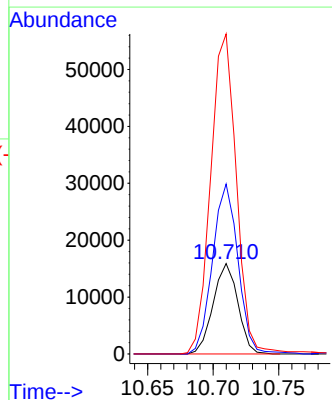
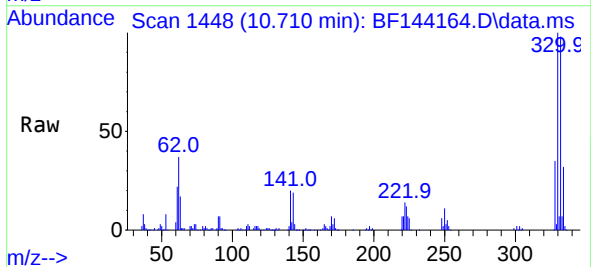
Instrument :  
BNA\_F  
ClientSampleId :  
PB170372BL

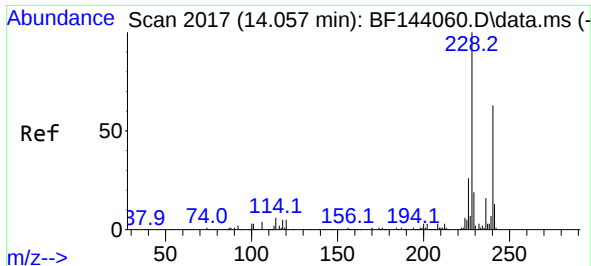
Tgt Ion:188 Resp: 386192  
Ion Ratio Lower Upper  
188 100  
94 7.9 5.4 8.0  
80 7.8 6.0 9.0



#67  
4-Bromophenyl-phenylether  
Concen: 4.309 ng  
RT: 10.710 min Scan# 1448  
Delta R.T. -0.241 min  
Lab File: BF144164.D  
Acq: 03 Nov 2025 16:50

Tgt Ion:248 Resp: 20836  
Ion Ratio Lower Upper  
248 100  
250 188.0 77.8 116.6#  
141 354.2 50.5 75.7#

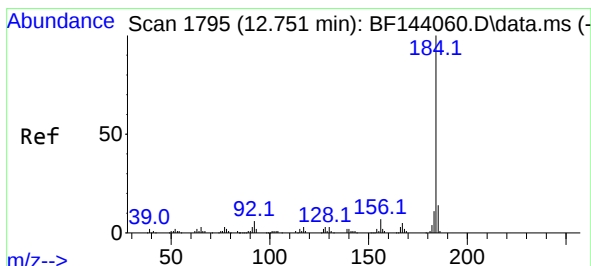
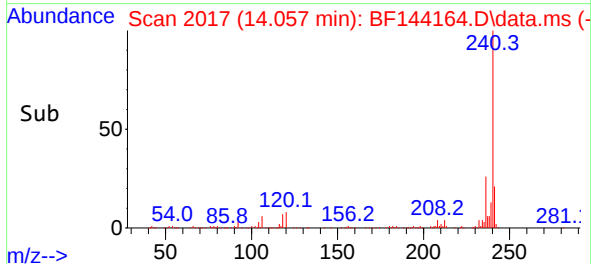
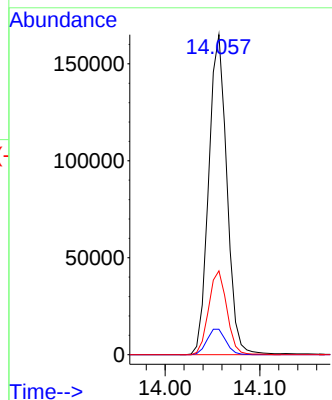
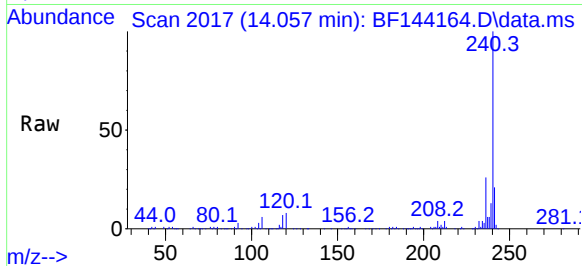




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2017  
Delta R.T. 0.000 min  
Lab File: BF144164.D  
Acq: 03 Nov 2025 16:50

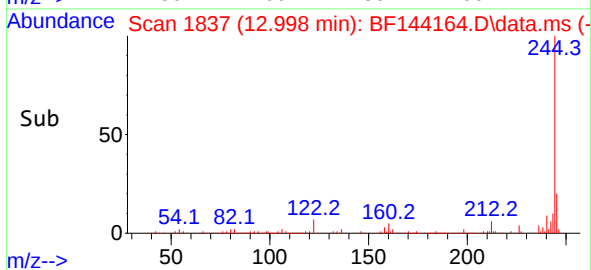
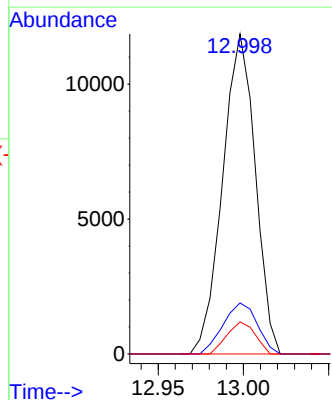
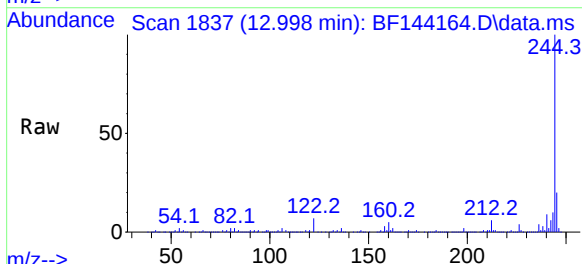
Instrument :  
BNA\_F  
ClientSampleId :  
PB170372BL

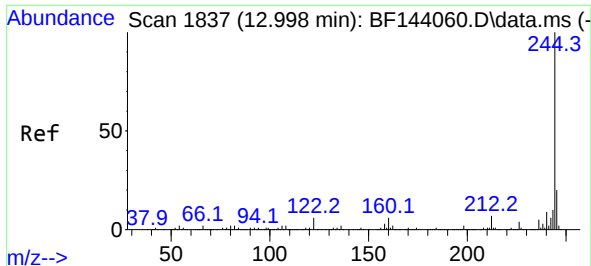
Tgt Ion:240 Resp: 219855  
Ion Ratio Lower Upper  
240 100  
120 8.0 6.5 9.7  
236 26.2 20.1 30.1



#77  
Benzidine  
Concen: 2.305 ng  
RT: 12.998 min Scan# 1837  
Delta R.T. 0.247 min  
Lab File: BF144164.D  
Acq: 03 Nov 2025 16:50

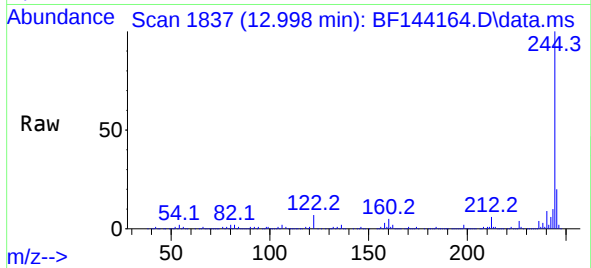
Tgt Ion:184 Resp: 15774  
Ion Ratio Lower Upper  
184 100  
185 15.9 11.6 17.4  
183 10.0 8.5 12.7



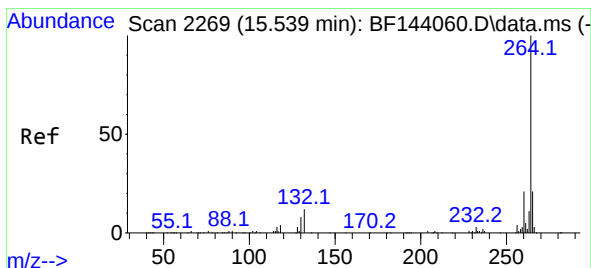
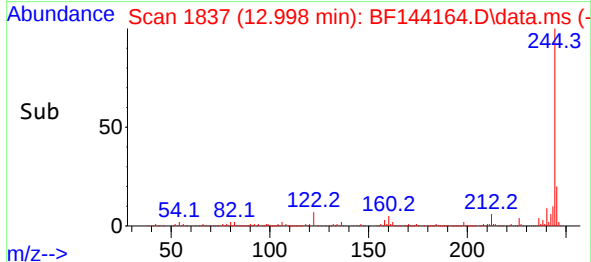
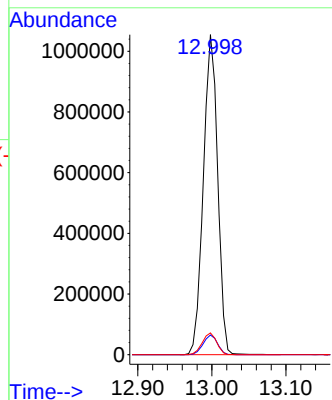


#79  
Terphenyl-d14  
Concen: 112.541 ng  
RT: 12.998 min Scan# 1837  
Delta R.T. 0.000 min  
Lab File: BF144164.D  
Acq: 03 Nov 2025 16:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB170372BL



Tgt Ion:244 Resp: 1415307  
Ion Ratio Lower Upper  
244 100  
212 6.2 5.8 8.6  
122 6.8 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: BF144164.D  
Acq: 03 Nov 2025 16:50

Tgt Ion:264 Resp: 212846  
Ion Ratio Lower Upper  
264 100  
260 22.4 17.0 25.4  
265 21.7 16.6 24.8

