

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071025\  
 Data File : BN037463.D  
 Acq On : 10 Jul 2025 18:08  
 Operator : RC/JU  
 Sample : PB168696BL  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB168696BL

Quant Time: Jul 10 19:06:55 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN070925.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 10 00:48:38 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.732  | 152  | 1900     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.509 | 136  | 4472     | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10        | 14.366 | 164  | 2062     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.099 | 188  | 3580     | 0.400 | ng    | -0.01    |
| 29) Chrysene-d12            | 21.286 | 240  | 2529     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12            | 23.525 | 264  | 2394     | 0.400 | ng    | #-0.02   |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.327  | 112  | 1614     | 0.316 | ng    | 0.00     |
| 5) Phenol-d6                | 6.894  | 99   | 1938     | 0.308 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.864  | 82   | 1220     | 0.405 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10 | 12.106 | 152  | 2185     | 0.350 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol    | 15.845 | 330  | 135      | 0.160 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl        | 12.988 | 172  | 4465     | 0.393 | ng    | -0.01    |
| 27) Fluoranthene-d10        | 19.132 | 212  | 3172     | 0.345 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.740 | 244  | 2159     | 0.405 | ng    | 0.00     |

Target Compounds Qvalue

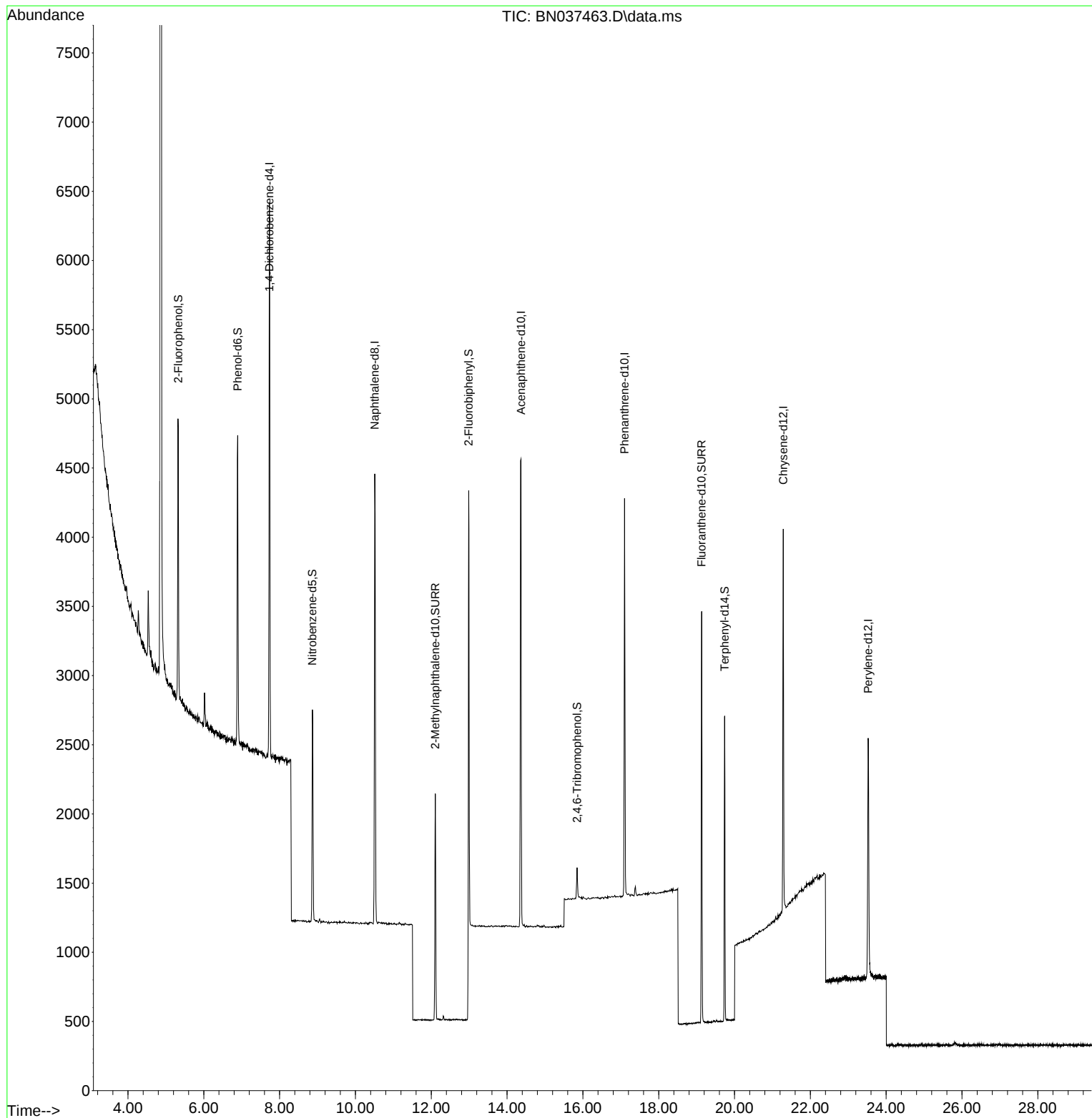
-----

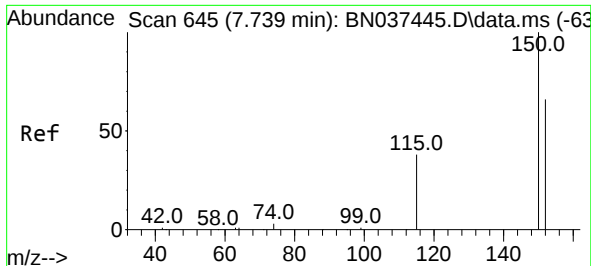
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071025\  
Data File : BN037463.D  
Acq On : 10 Jul 2025 18:08  
Operator : RC/JU  
Sample : PB168696BL  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB168696BL

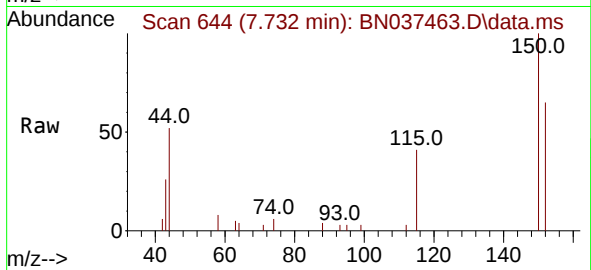
Quant Time: Jul 10 19:06:55 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN070925.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 10 00:48:38 2025  
Response via : Initial Calibration



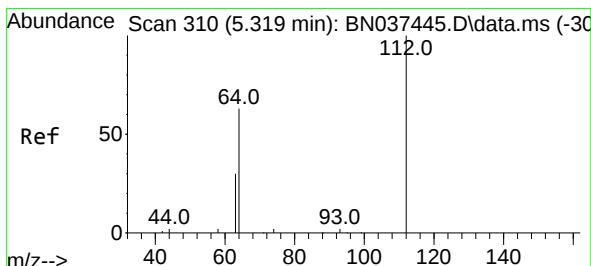
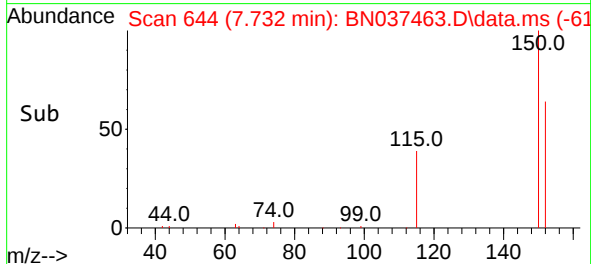
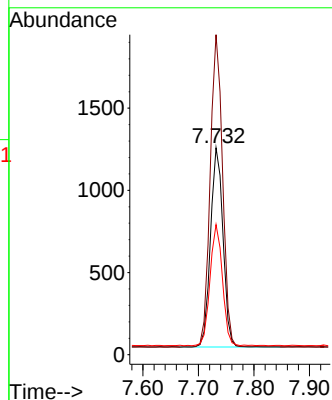


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.732 min Scan# 64  
 Delta R.T. -0.007 min  
 Lab File: BN037463.D  
 Acq: 10 Jul 2025 18:08

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB168696BL

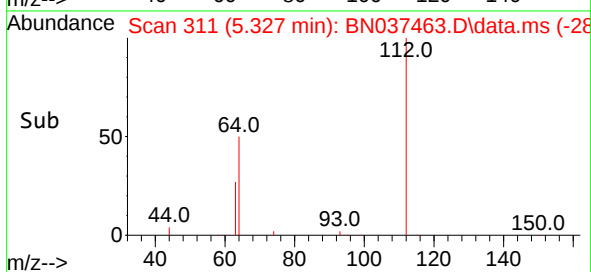
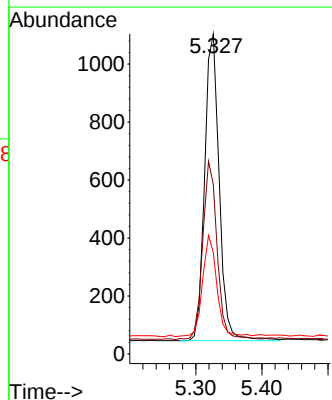
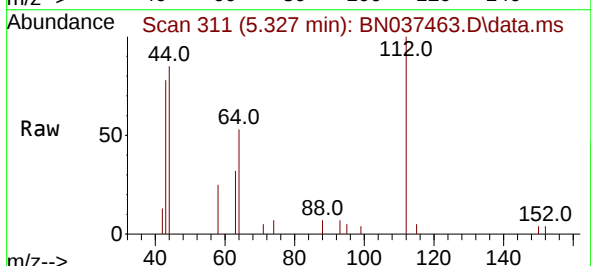


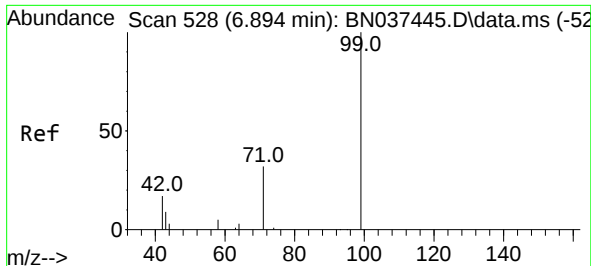
Tgt Ion:152 Resp: 1900  
 Ion Ratio Lower Upper  
 152 100  
 150 154.6 124.6 186.8  
 115 62.9 50.4 75.6



#4  
 2-Fluorophenol  
 Concen: 0.316 ng  
 RT: 5.327 min Scan# 311  
 Delta R.T. 0.001 min  
 Lab File: BN037463.D  
 Acq: 10 Jul 2025 18:08

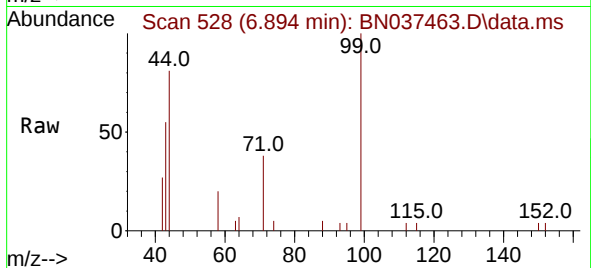
Tgt Ion:112 Resp: 1614  
 Ion Ratio Lower Upper  
 112 100  
 64 57.4 49.4 74.2  
 63 32.3 27.2 40.8



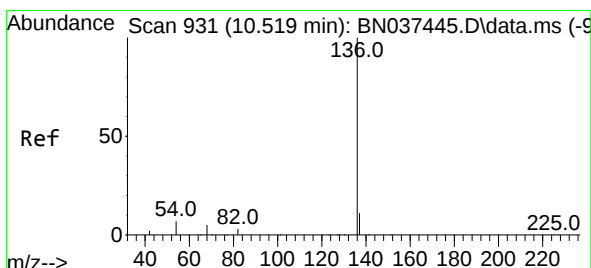
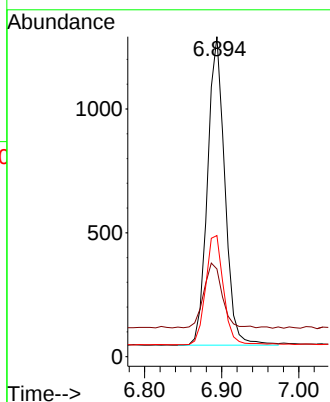
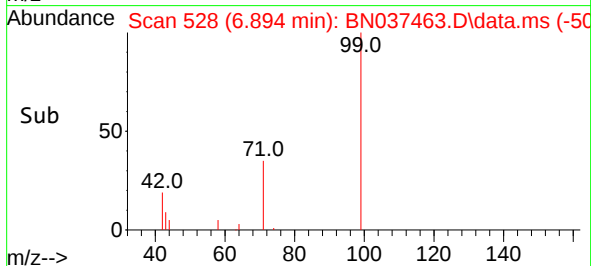


#5  
Phenol-d6  
Concen: 0.308 ng  
RT: 6.894 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BN037463.D  
Acq: 10 Jul 2025 18:08

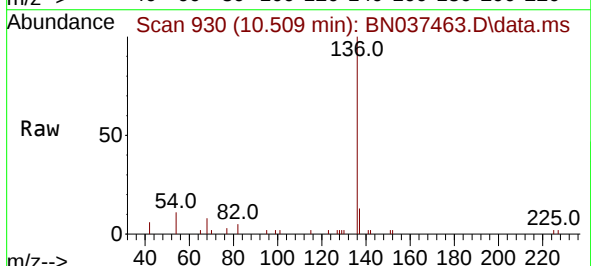
Instrument :  
BNA\_N  
ClientSampleId :  
PB168696BL



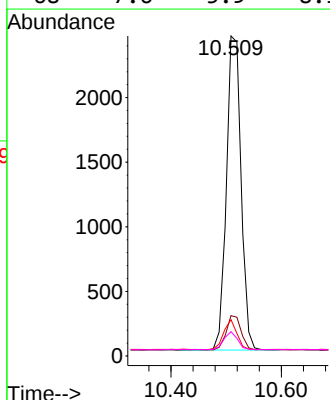
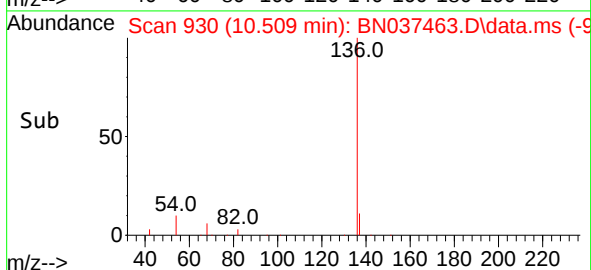
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 1938  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 22.8  | 22.5  | 33.7  |
| 71       | 36.6  | 27.8  | 41.6  |

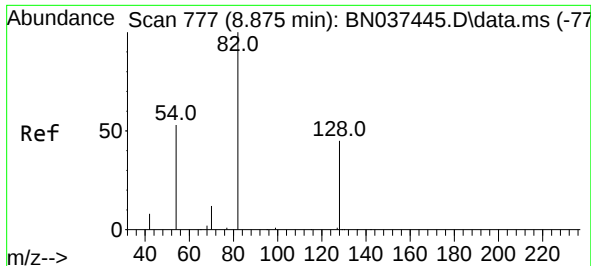


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.509 min Scan# 930  
Delta R.T. -0.011 min  
Lab File: BN037463.D  
Acq: 10 Jul 2025 18:08



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 4472  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.6  | 9.5   | 14.3  |
| 54       | 11.4  | 8.8   | 13.2  |
| 68       | 7.6   | 5.9   | 8.9   |

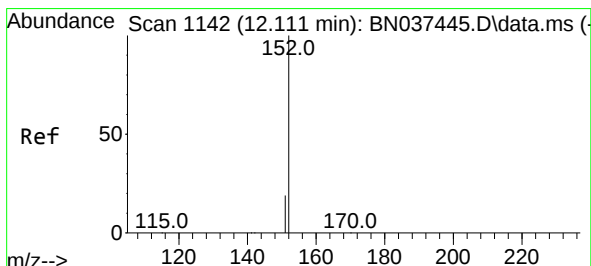
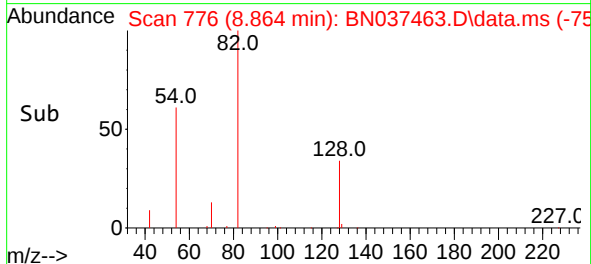
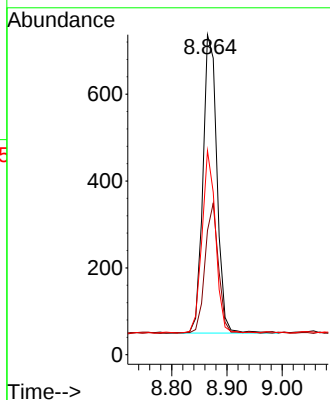
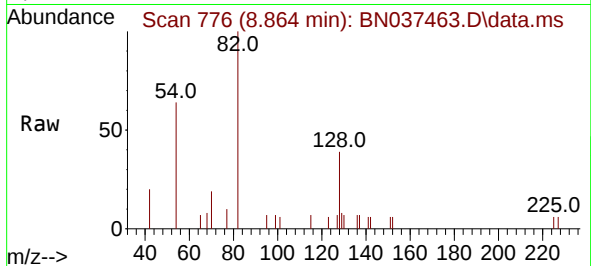




#8  
 Nitrobenzene-d5  
 Concen: 0.405 ng  
 RT: 8.864 min Scan# 777  
 Delta R.T. -0.011 min  
 Lab File: BN037463.D  
 Acq: 10 Jul 2025 18:08

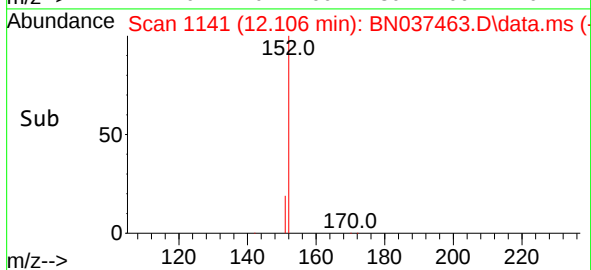
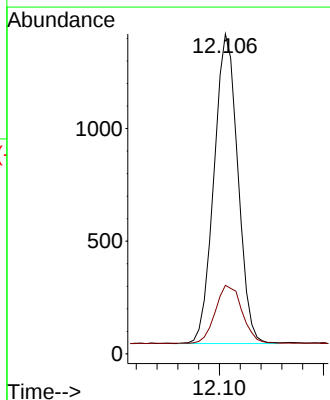
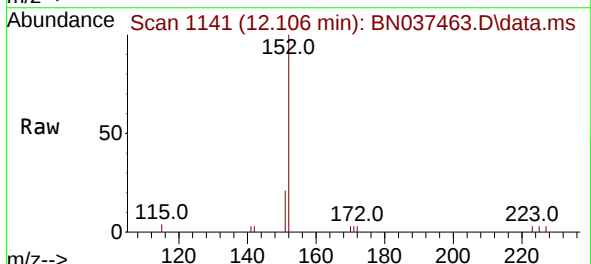
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB168696BL

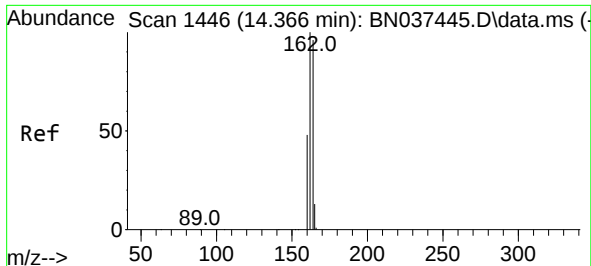
Tgt Ion: 82 Resp: 1220  
 Ion Ratio Lower Upper  
 82 100  
 128 38.8 31.4 47.0  
 54 63.8 51.3 76.9



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.350 ng  
 RT: 12.106 min Scan# 1141  
 Delta R.T. -0.010 min  
 Lab File: BN037463.D  
 Acq: 10 Jul 2025 18:08

Tgt Ion: 152 Resp: 2185  
 Ion Ratio Lower Upper  
 152 100  
 151 21.2 16.7 25.1

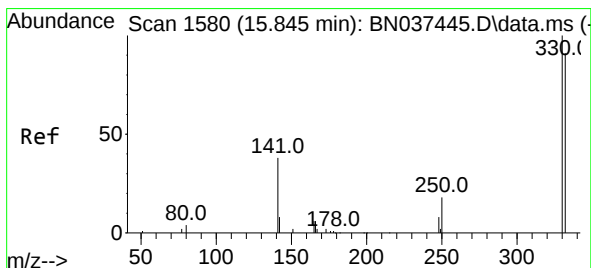
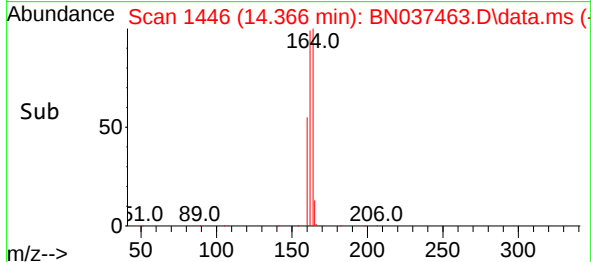
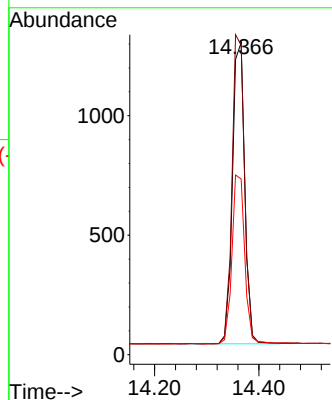
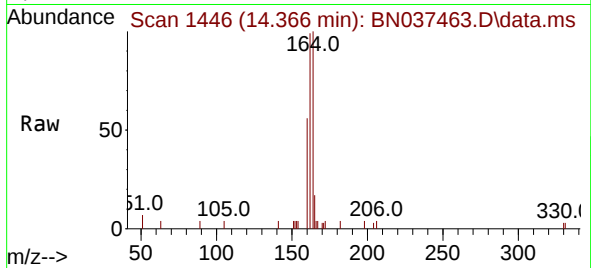




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.366 min Scan# 1446  
Delta R.T. 0.000 min  
Lab File: BN037463.D  
Acq: 10 Jul 2025 18:08

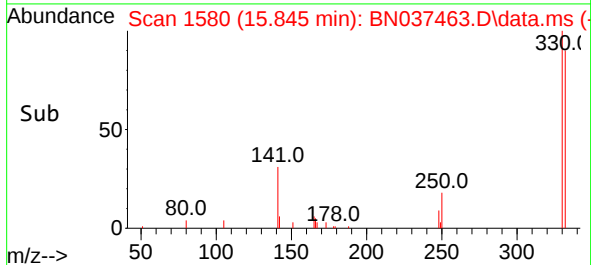
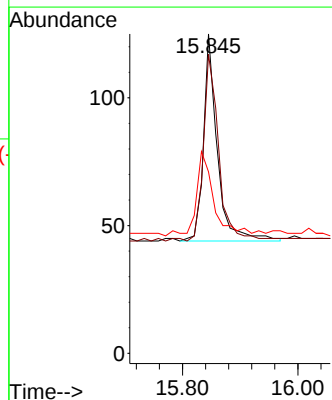
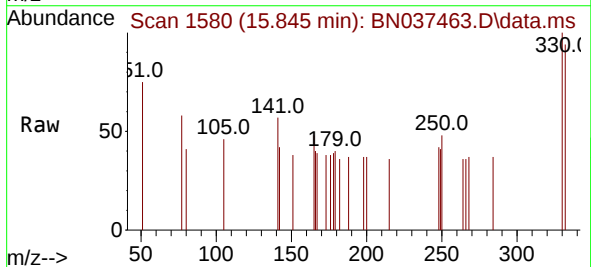
Instrument :  
BNA\_N  
ClientSampleId :  
PB168696BL

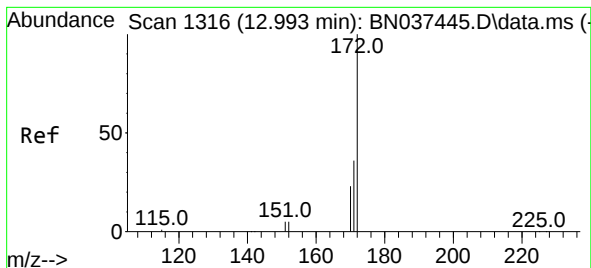
Tgt Ion:164 Resp: 2062  
Ion Ratio Lower Upper  
164 100  
162 99.2 82.7 124.1  
160 56.3 55.0 82.4



#14  
2,4,6-Tribromophenol  
Concen: 0.160 ng  
RT: 15.845 min Scan# 1580  
Delta R.T. -0.012 min  
Lab File: BN037463.D  
Acq: 10 Jul 2025 18:08

Tgt Ion:330 Resp: 135  
Ion Ratio Lower Upper  
330 100  
332 100.7 75.3 112.9  
141 52.6 38.7 58.1

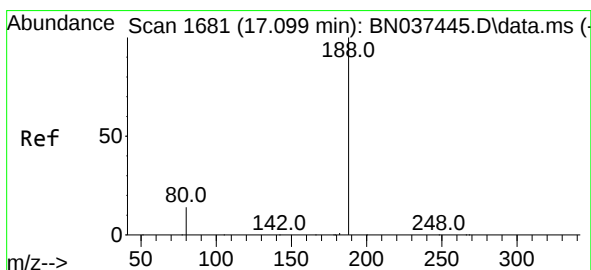
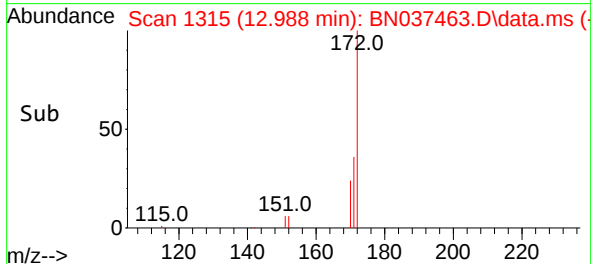
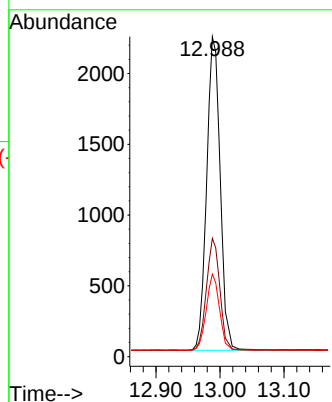
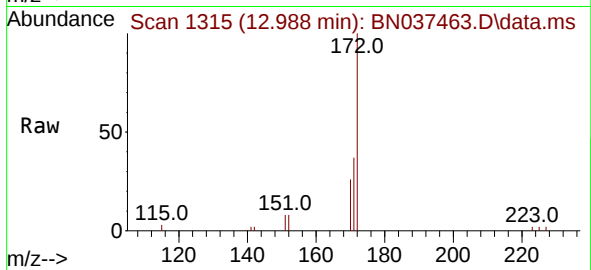




#15  
2-Fluorobiphenyl  
Concen: 0.393 ng  
RT: 12.988 min Scan# 11  
Delta R.T. -0.010 min  
Lab File: BN037463.D  
Acq: 10 Jul 2025 18:08

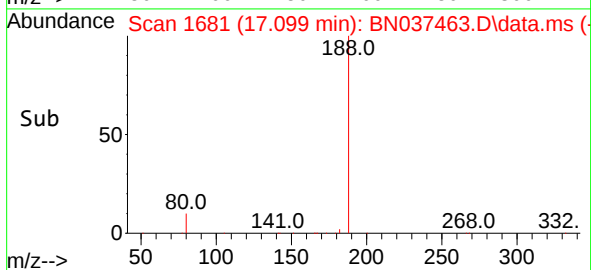
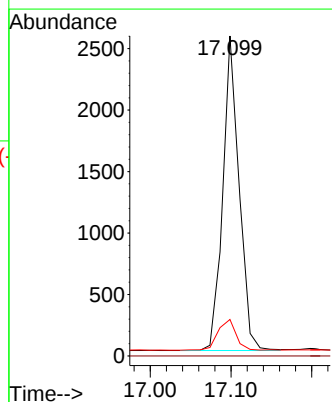
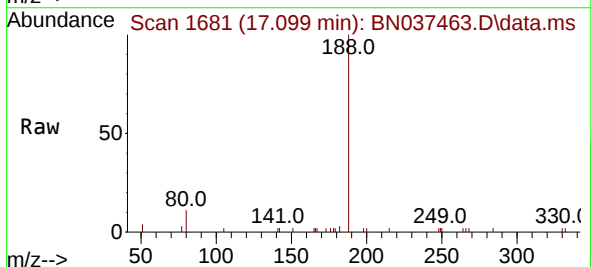
Instrument :  
BNA\_N  
ClientSampleId :  
PB168696BL

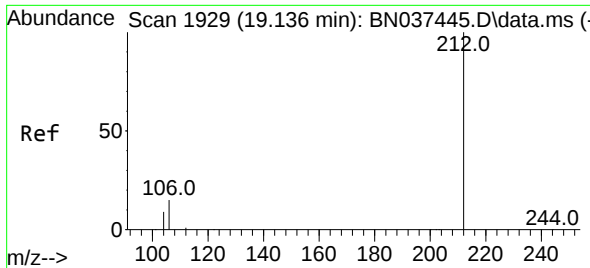
Tgt Ion:172 Resp: 4465  
Ion Ratio Lower Upper  
172 100  
171 37.0 28.4 42.6  
170 25.8 18.7 28.1



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.099 min Scan# 1681  
Delta R.T. -0.012 min  
Lab File: BN037463.D  
Acq: 10 Jul 2025 18:08

Tgt Ion:188 Resp: 3580  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.4 7.8 11.6

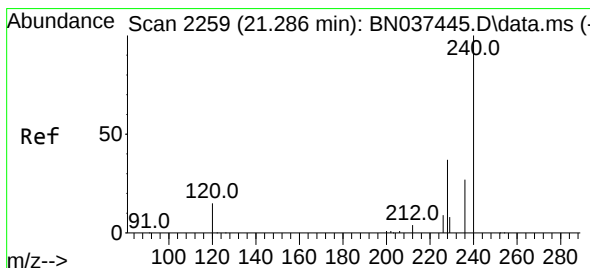
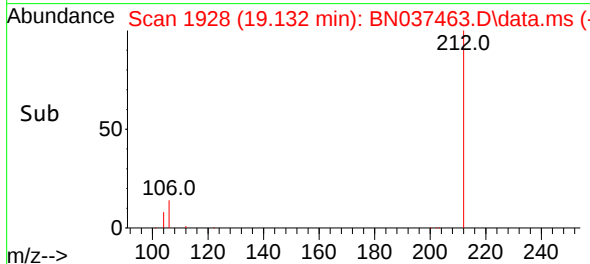
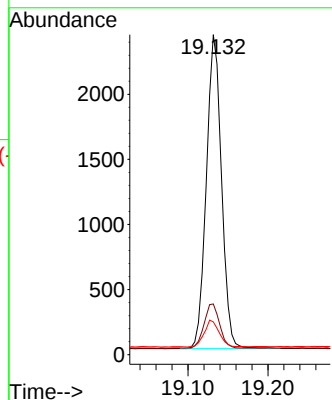
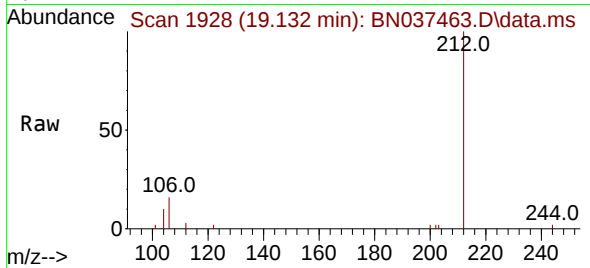




#27  
Fluoranthene-d10  
Concen: 0.345 ng  
RT: 19.132 min Scan# 1928  
Delta R.T. -0.009 min  
Lab File: BN037463.D  
Acq: 10 Jul 2025 18:08

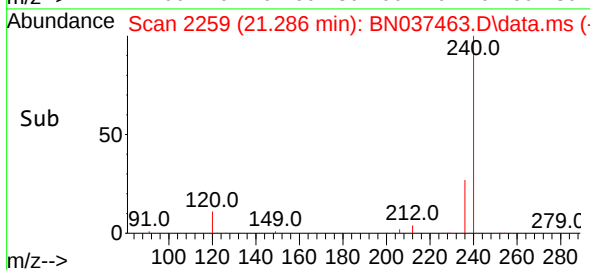
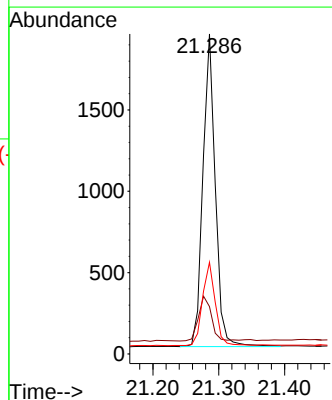
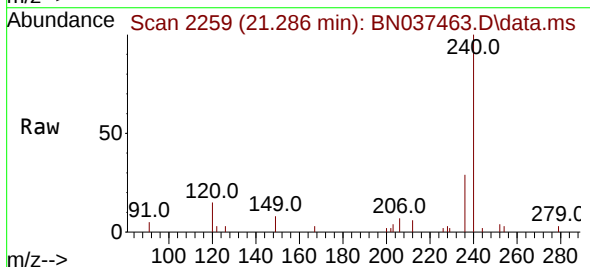
Instrument :  
BNA\_N  
ClientSampleId :  
PB168696BL

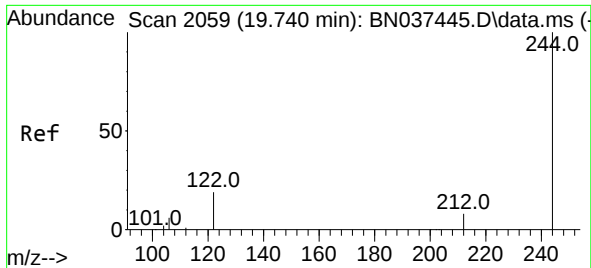
Tgt Ion:212 Resp: 3172  
Ion Ratio Lower Upper  
212 100  
106 14.4 13.4 20.0  
104 8.4 7.8 11.6



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.286 min Scan# 2259  
Delta R.T. -0.009 min  
Lab File: BN037463.D  
Acq: 10 Jul 2025 18:08

Tgt Ion:240 Resp: 2529  
Ion Ratio Lower Upper  
240 100  
120 14.8 16.4 24.6#  
236 28.7 23.3 34.9

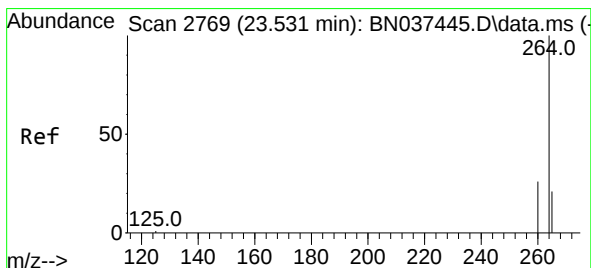
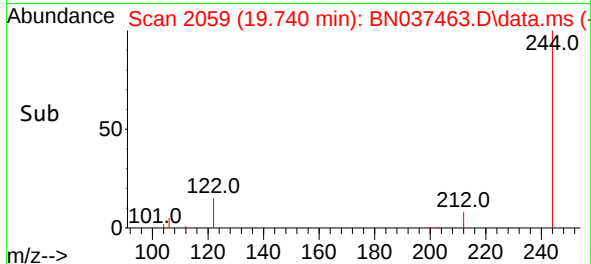
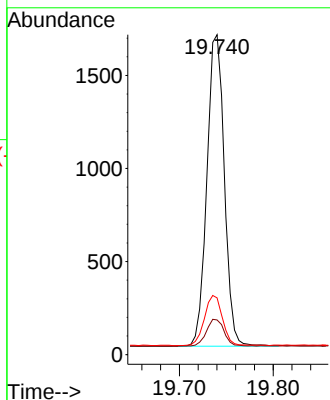
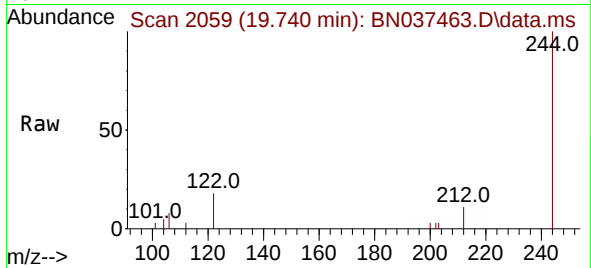




#31  
 Terphenyl-d14  
 Concen: 0.405 ng  
 RT: 19.740 min Scan# 2059  
 Delta R.T. -0.009 min  
 Lab File: BN037463.D  
 Acq: 10 Jul 2025 18:08

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB168696BL

Tgt Ion:244 Resp: 2159  
 Ion Ratio Lower Upper  
 244 100  
 212 10.8 9.0 13.4  
 122 17.7 15.0 22.4



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.525 min Scan# 2767  
 Delta R.T. -0.020 min  
 Lab File: BN037463.D  
 Acq: 10 Jul 2025 18:08

Tgt Ion:264 Resp: 2394  
 Ion Ratio Lower Upper  
 264 100  
 260 27.9 22.1 33.1  
 265 53.1 30.1 45.1#

