

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071125\  
 Data File : BN037475.D  
 Acq On : 11 Jul 2025 16:02  
 Operator : RC/JU  
 Sample : PB168720BL  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB168720BL

Quant Time: Jul 11 16:29:30 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN071125.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 11 15:38:34 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.731  | 152  | 1870     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.509 | 136  | 4442     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10        | 14.366 | 164  | 1998     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.099 | 188  | 3362     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12            | 21.286 | 240  | 2365     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12            | 23.534 | 264  | 2144     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.326  | 112  | 1518     | 0.349 | ng    | 0.00     |
| 5) Phenol-d6                | 6.894  | 99   | 1838     | 0.336 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.864  | 82   | 1184     | 0.367 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.106 | 152  | 2090     | 0.346 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.845 | 330  | 130      | 0.192 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 12.988 | 172  | 4649     | 0.408 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 19.132 | 212  | 2860     | 0.337 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.740 | 244  | 1960     | 0.397 | ng    | 0.00     |

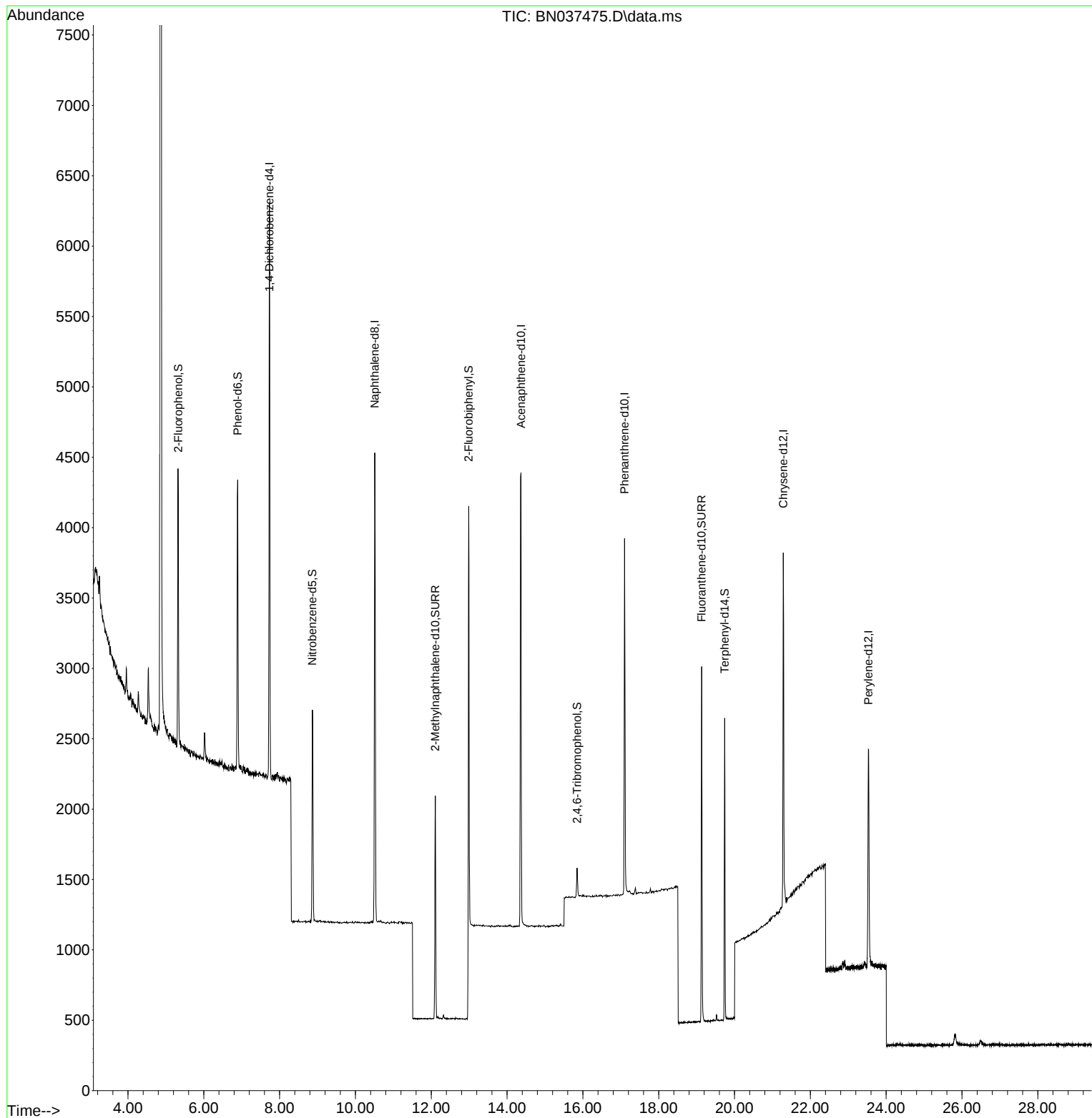
Target Compounds Qvalue

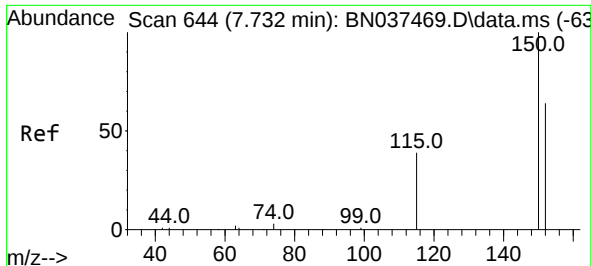
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071125\  
Data File : BN037475.D  
Acq On : 11 Jul 2025 16:02  
Operator : RC/JU  
Sample : PB168720BL  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB168720BL

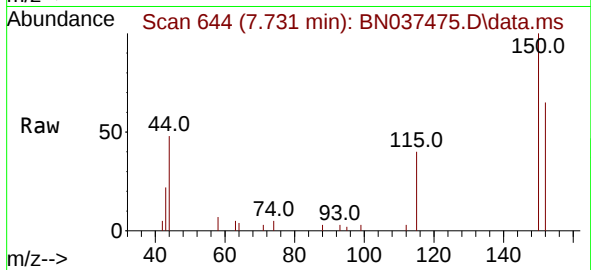
Quant Time: Jul 11 16:29:30 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN071125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jul 11 15:38:34 2025  
Response via : Initial Calibration





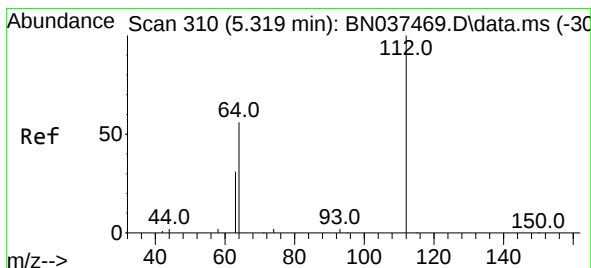
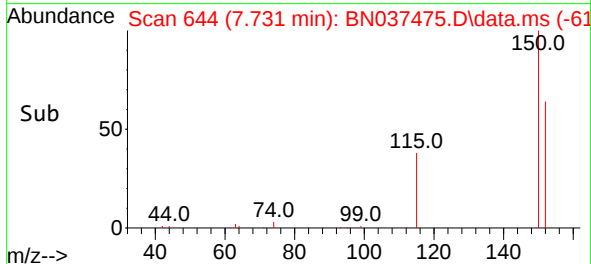
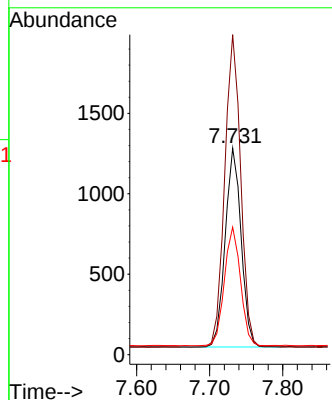
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.731 min Scan# 644  
 Delta R.T. -0.001 min  
 Lab File: BN037475.D  
 Acq: 11 Jul 2025 16:02

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB168720BL



Tgt Ion:152 Resp: 1870  

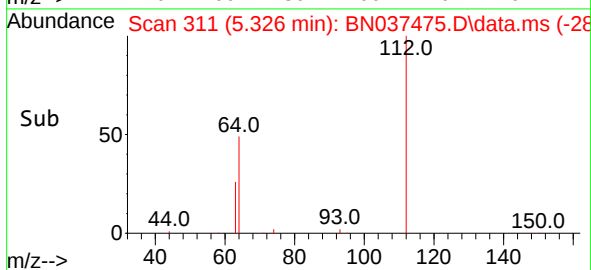
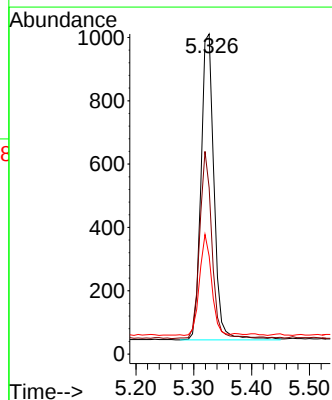
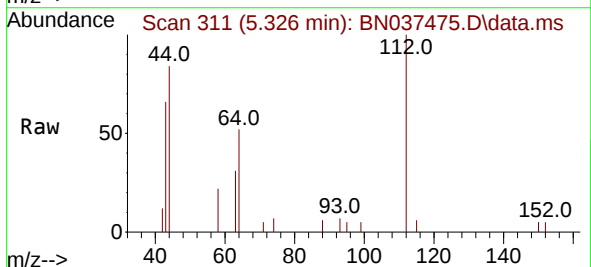
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 154.9 | 122.5 | 183.7 |
| 115 | 61.7  | 49.9  | 74.9  |

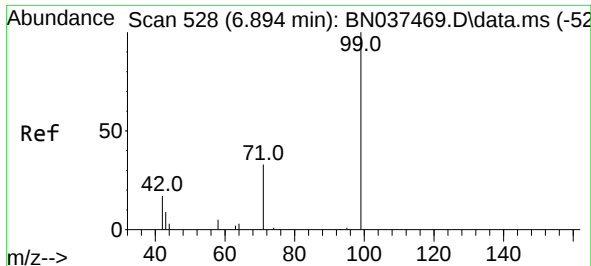


#4  
 2-Fluorophenol  
 Concen: 0.349 ng  
 RT: 5.326 min Scan# 311  
 Delta R.T. 0.007 min  
 Lab File: BN037475.D  
 Acq: 11 Jul 2025 16:02

Tgt Ion:112 Resp: 1518  

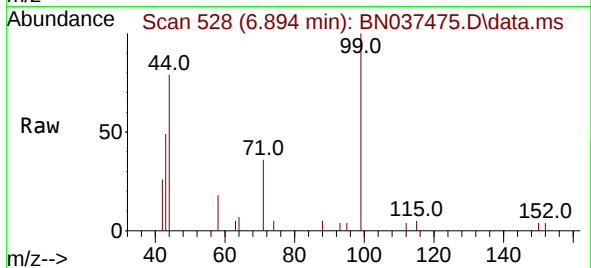
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 57.4  | 45.4  | 68.0  |
| 63  | 30.0  | 24.7  | 37.1  |



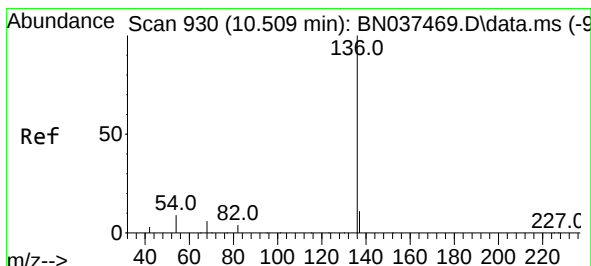
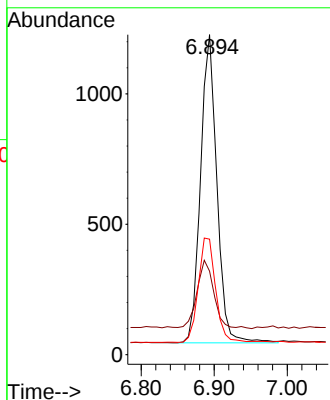
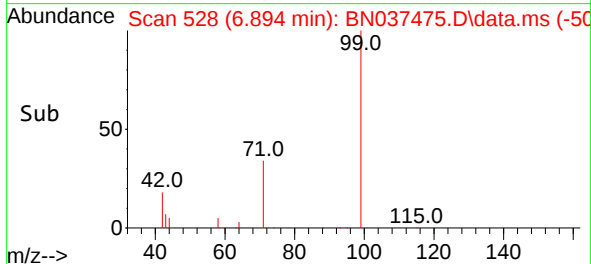


#5  
Phenol-d6  
Concen: 0.336 ng  
RT: 6.894 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BN037475.D  
Acq: 11 Jul 2025 16:02

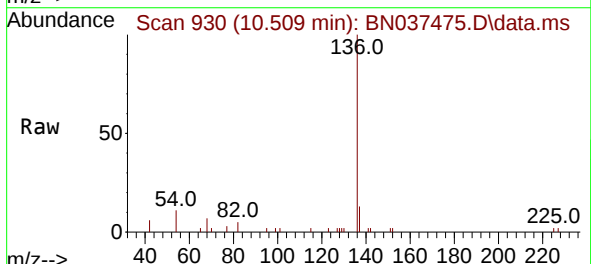
Instrument :  
BNA\_N  
ClientSampleId :  
PB168720BL



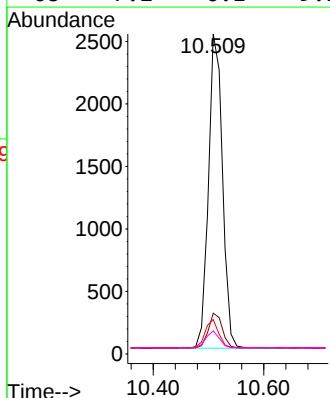
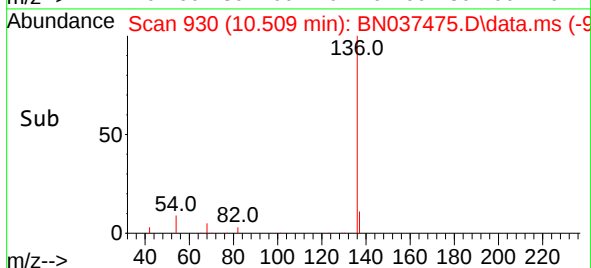
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 1838  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 23.0  | 19.5  | 29.3  |
| 71       | 35.8  | 29.4  | 44.2  |

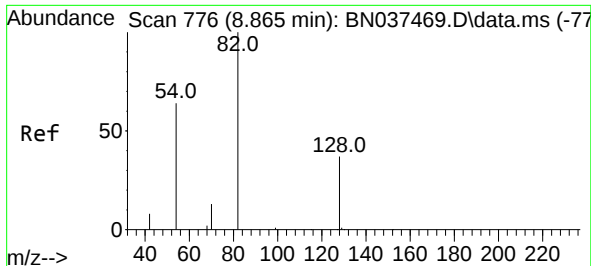


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.509 min Scan# 930  
Delta R.T. -0.000 min  
Lab File: BN037475.D  
Acq: 11 Jul 2025 16:02



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 4442  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.7  | 10.0  | 15.0  |
| 54       | 10.7  | 9.0   | 13.6  |
| 68       | 7.2   | 6.1   | 9.1   |

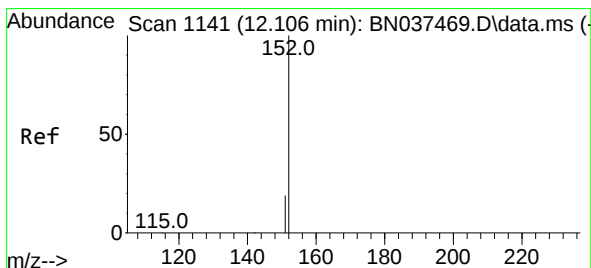
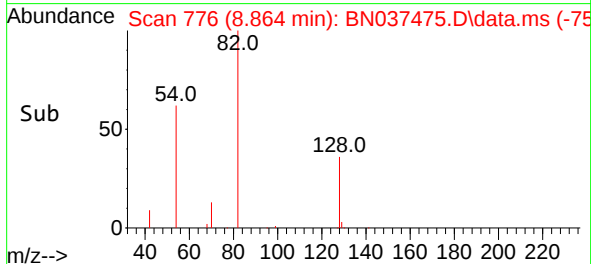
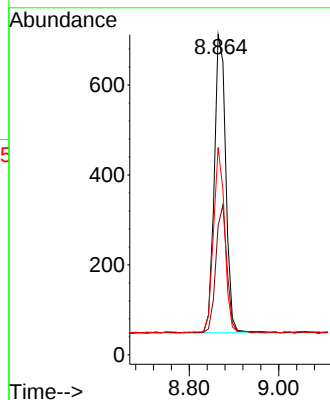
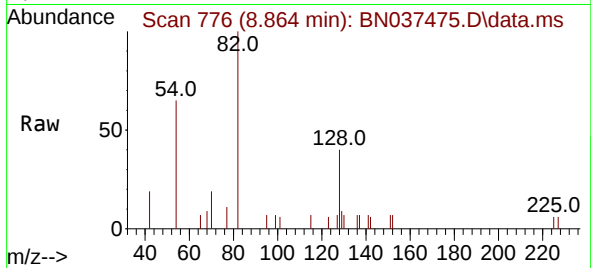




#8  
 Nitrobenzene-d5  
 Concen: 0.367 ng  
 RT: 8.864 min Scan# 776  
 Delta R.T. -0.000 min  
 Lab File: BN037475.D  
 Acq: 11 Jul 2025 16:02

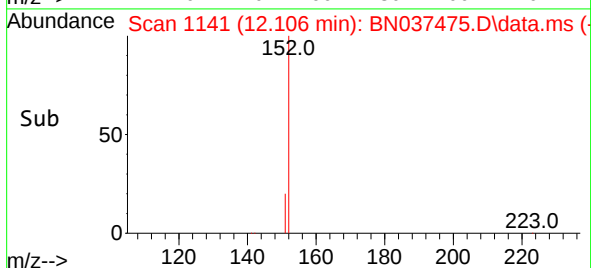
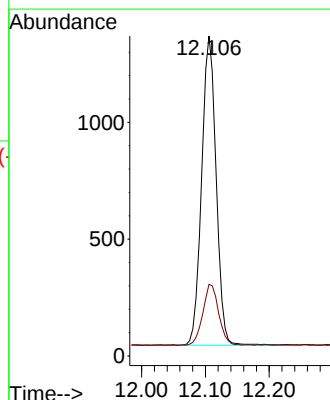
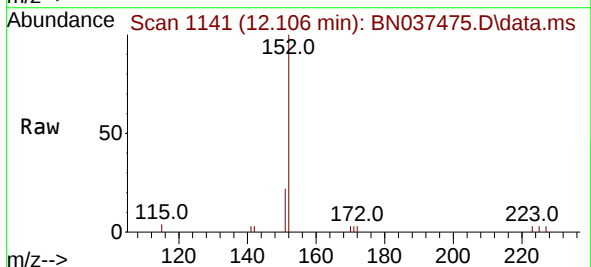
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB168720BL

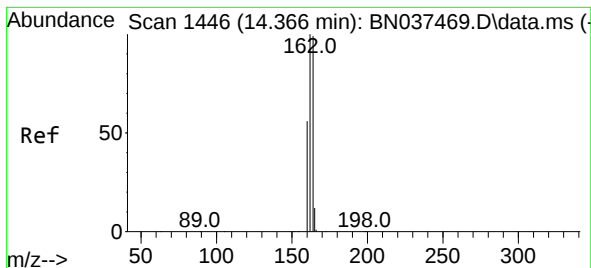
Tgt Ion: 82 Resp: 1184  
 Ion Ratio Lower Upper  
 82 100  
 128 40.3 33.1 49.7  
 54 64.7 53.0 79.4



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.346 ng  
 RT: 12.106 min Scan# 1141  
 Delta R.T. -0.000 min  
 Lab File: BN037475.D  
 Acq: 11 Jul 2025 16:02

Tgt Ion: 152 Resp: 2090  
 Ion Ratio Lower Upper  
 152 100  
 151 21.6 17.0 25.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.366 min Scan# 1446

Delta R.T. -0.000 min

Lab File: BN037475.D

Acq: 11 Jul 2025 16:02

Instrument :

BNA\_N

ClientSampleId :

PB168720BL

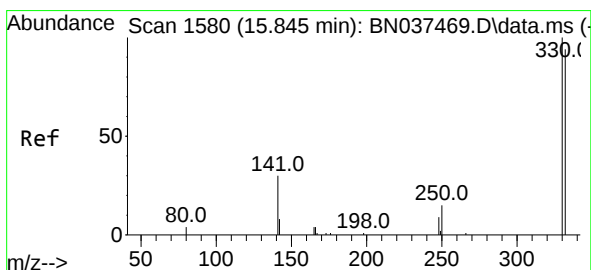
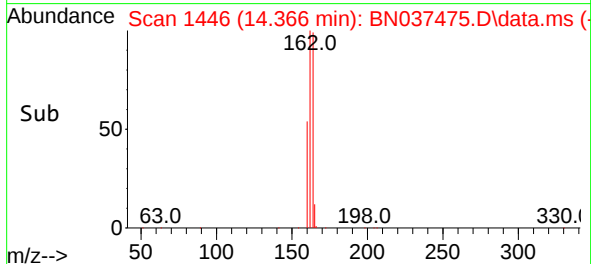
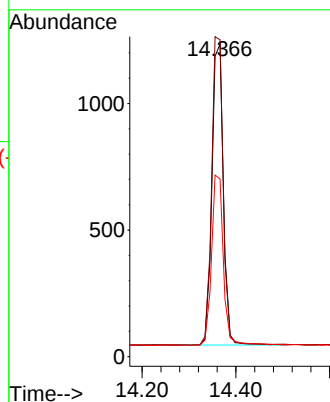
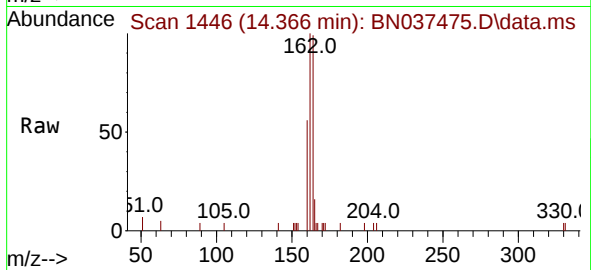
Tgt Ion:164 Resp: 1998

Ion Ratio Lower Upper

164 100

162 101.4 81.1 121.7

160 56.8 46.5 69.7



#14

2,4,6-Tribromophenol

Concen: 0.192 ng

RT: 15.845 min Scan# 1580

Delta R.T. -0.000 min

Lab File: BN037475.D

Acq: 11 Jul 2025 16:02

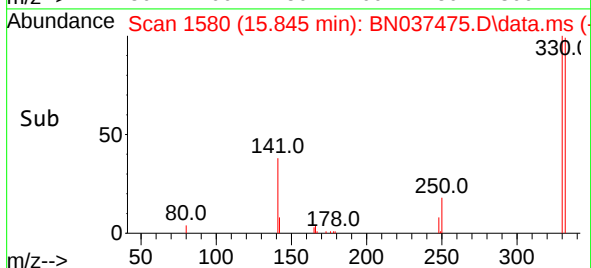
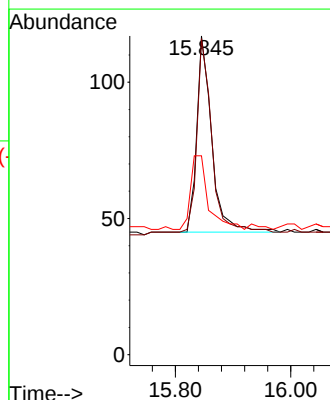
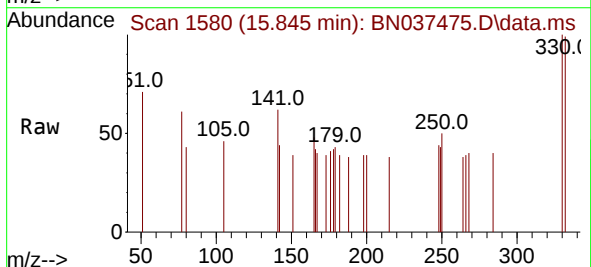
Tgt Ion:330 Resp: 130

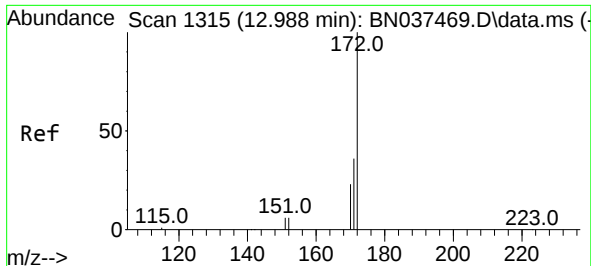
Ion Ratio Lower Upper

330 100

332 96.9 82.0 123.0

141 44.6 36.2 54.2

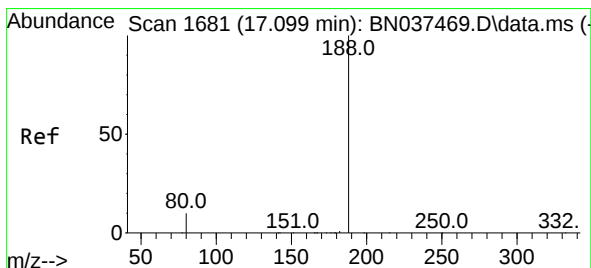
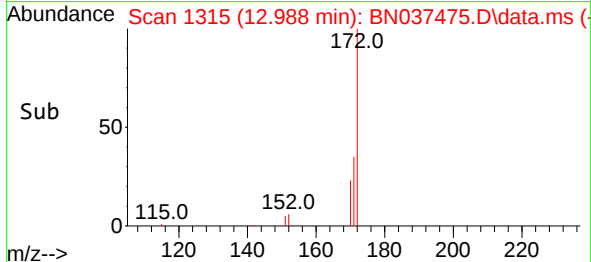
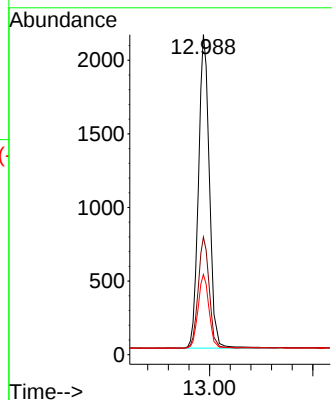
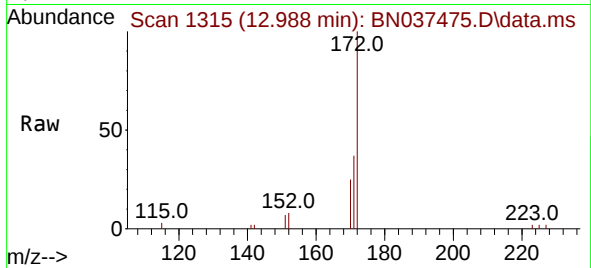




#15  
2-Fluorobiphenyl  
Concen: 0.408 ng  
RT: 12.988 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN037475.D  
Acq: 11 Jul 2025 16:02

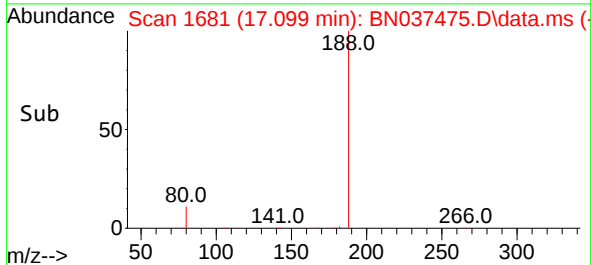
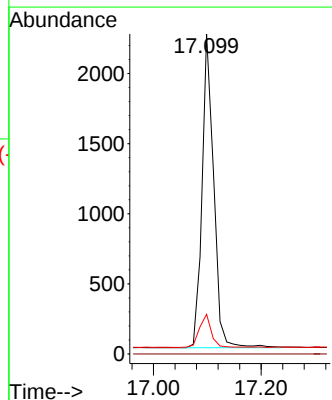
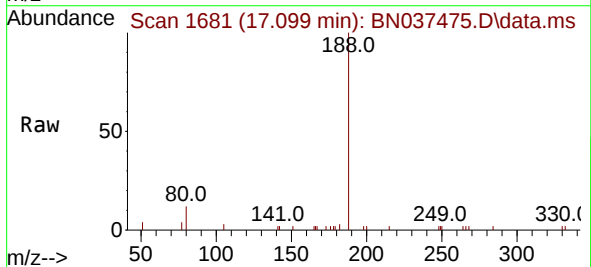
Instrument :  
BNA\_N  
ClientSampleId :  
PB168720BL

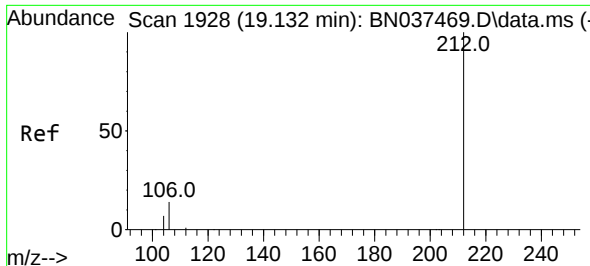
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|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 4649  |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 36.8  | 29.8  | 44.8  |
| 170      | 25.1  | 20.0  | 30.0  |



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.099 min Scan# 1681  
Delta R.T. -0.000 min  
Lab File: BN037475.D  
Acq: 11 Jul 2025 16:02

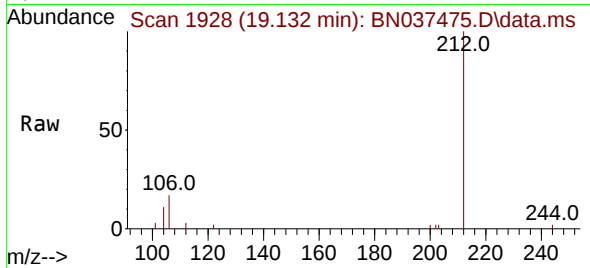
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 188   | Resp: | 3362  |
| Ion      | Ratio | Lower | Upper |
| 188      | 100   |       |       |
| 94       | 0.0   | 0.0   | 0.0   |
| 80       | 12.4  | 9.3   | 13.9  |





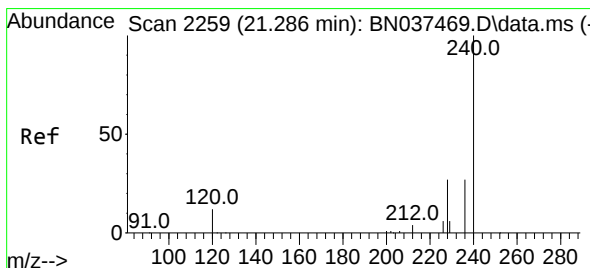
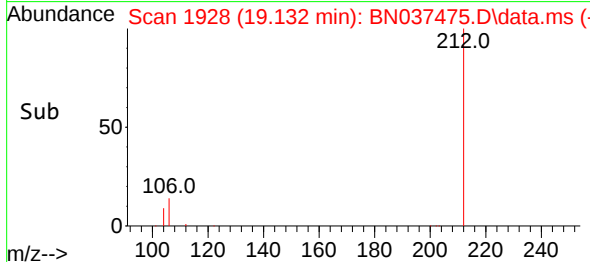
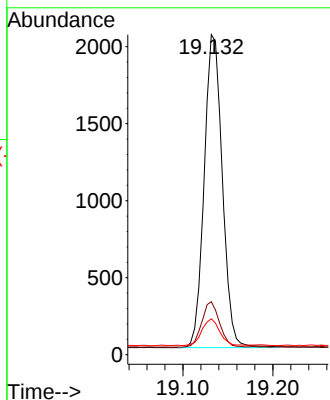
#27  
Fluoranthene-d10  
Concen: 0.337 ng  
RT: 19.132 min Scan# 1928  
Delta R.T. -0.000 min  
Lab File: BN037475.D  
Acq: 11 Jul 2025 16:02

Instrument :  
BNA\_N  
ClientSampleId :  
PB168720BL



Tgt Ion:212 Resp: 2860

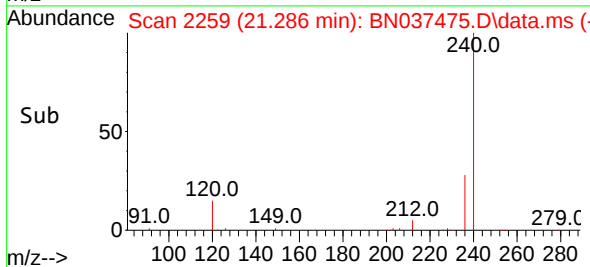
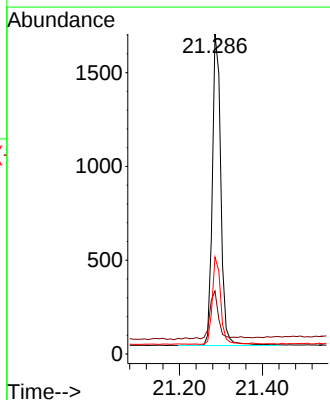
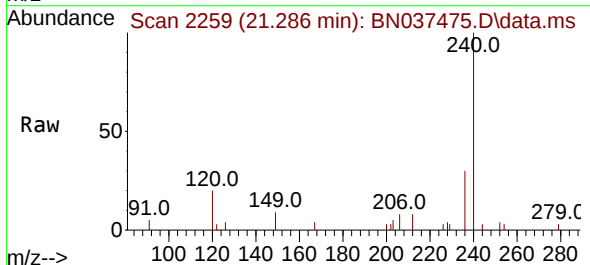
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 212 | 100   |       |       |
| 106 | 14.2  | 11.7  | 17.5  |
| 104 | 8.3   | 6.6   | 10.0  |

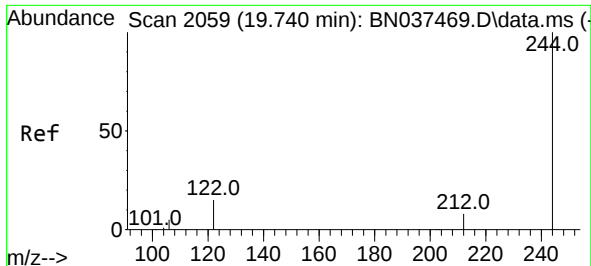


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.286 min Scan# 2259  
Delta R.T. -0.000 min  
Lab File: BN037475.D  
Acq: 11 Jul 2025 16:02

Tgt Ion:240 Resp: 2365

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 19.6  | 12.4  | 18.6  |
| 236 | 30.3  | 22.9  | 34.3  |

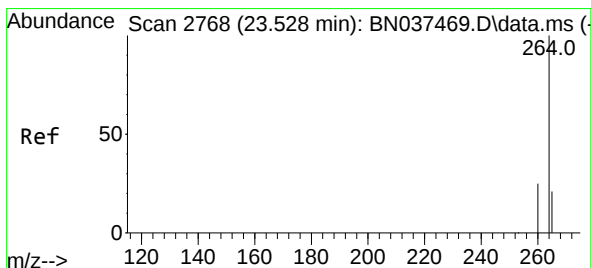
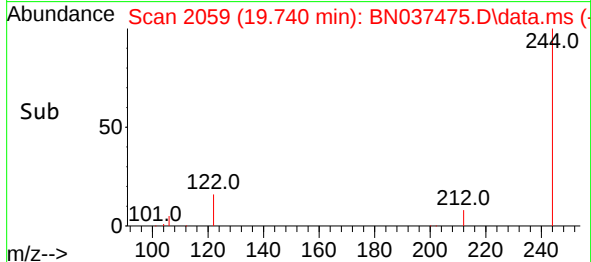
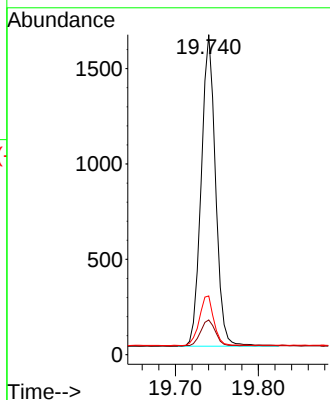
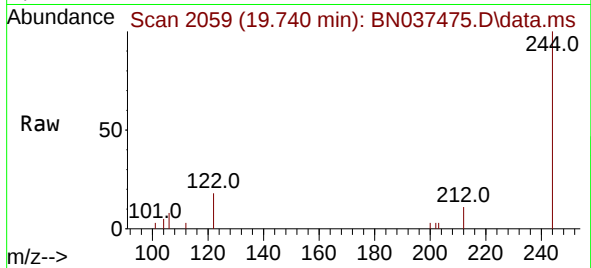




#31  
 Terphenyl-d14  
 Concen: 0.397 ng  
 RT: 19.740 min Scan# 2059  
 Delta R.T. -0.000 min  
 Lab File: BN037475.D  
 Acq: 11 Jul 2025 16:02

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB168720BL

Tgt Ion:244 Resp: 1960  
 Ion Ratio Lower Upper  
 244 100  
 212 10.8 8.7 13.1  
 122 18.4 14.1 21.1



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.534 min Scan# 2770  
 Delta R.T. 0.006 min  
 Lab File: BN037475.D  
 Acq: 11 Jul 2025 16:02

Tgt Ion:264 Resp: 2144  
 Ion Ratio Lower Upper  
 264 100  
 260 27.7 21.7 32.5  
 265 61.1 41.6 62.4

