

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070925\  
 Data File : BN037451.D  
 Acq On : 09 Jul 2025 23:41  
 Operator : RC/JU  
 Sample : PB168032BL  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB168032BL

Quant Time: Jul 10 00:50:01 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  | 2401     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.519 | 136  | 5870     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10        | 14.366 | 164  | 2715     | 0.400 | ng    | # 0.00   |
| 19) Phenanthrene-d10        | 17.099 | 188  | 4603     | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12            | 21.286 | 240  | 3270     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12            | 23.525 | 264  | 3142     | 0.400 | ng    | #-0.02   |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.327  | 112  | 2140     | 0.331 | ng    | 0.00     |
| 5) Phenol-d6                | 6.894  | 99   | 2591     | 0.326 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.875  | 82   | 1482     | 0.375 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.106 | 152  | 2764     | 0.337 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol    | 15.845 | 330  | 143      | 0.129 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl        | 12.993 | 172  | 6003     | 0.401 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 19.132 | 212  | 4131     | 0.349 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.740 | 244  | 2803     | 0.407 | ng    | 0.00     |

Target Compounds Qvalue

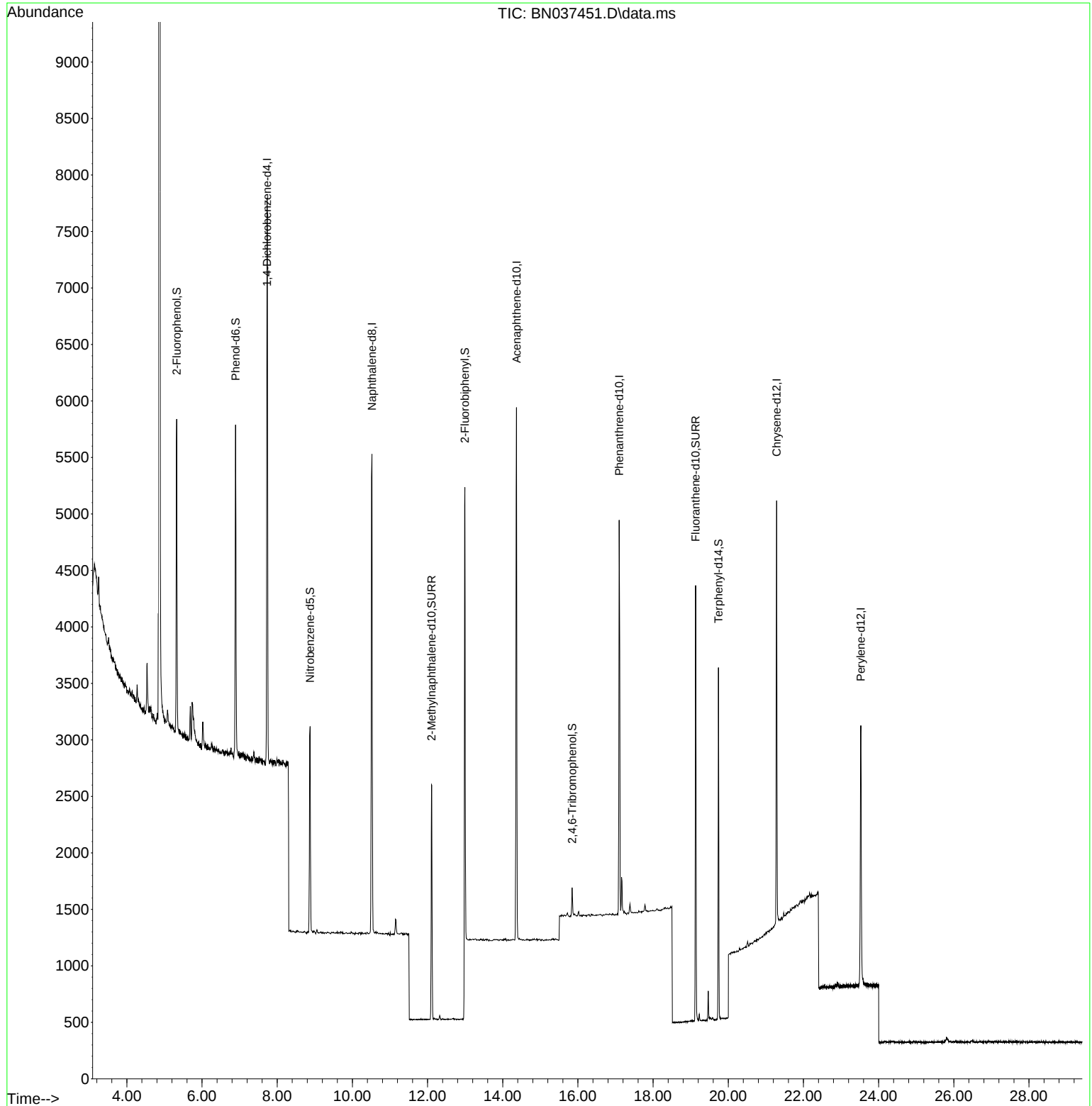
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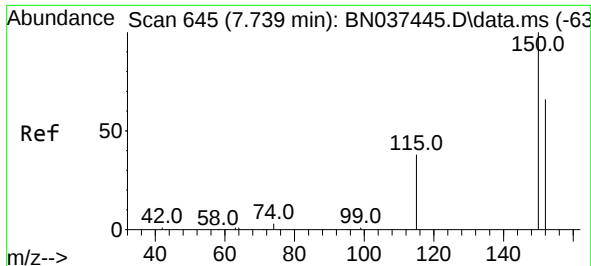
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070925\  
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Quant Time: Jul 10 00:50:01 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

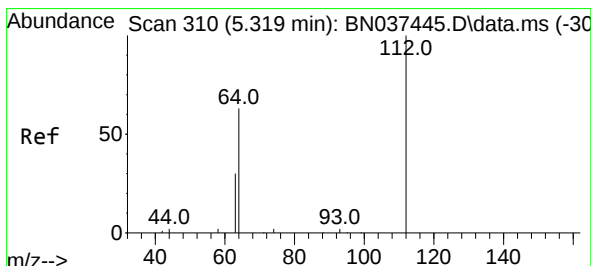
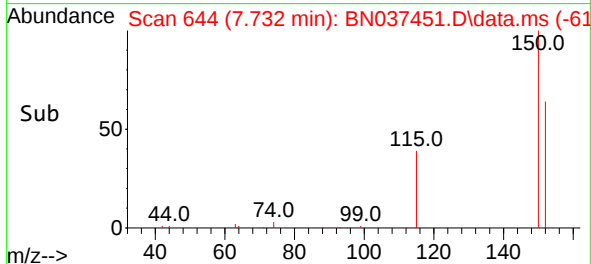
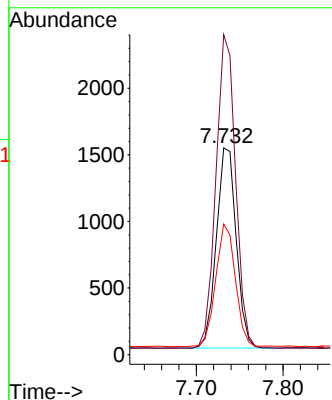
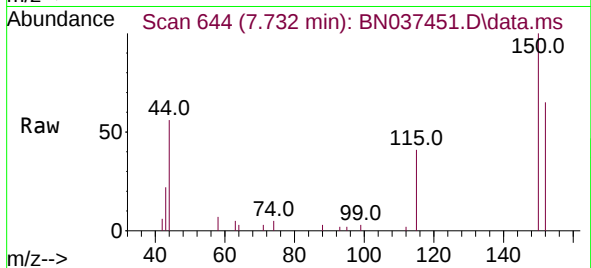




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.732 min Scan# 64  
Delta R.T. -0.007 min  
Lab File: BN037451.D  
Acq: 09 Jul 2025 23:41

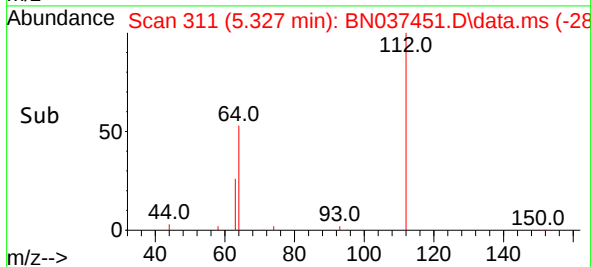
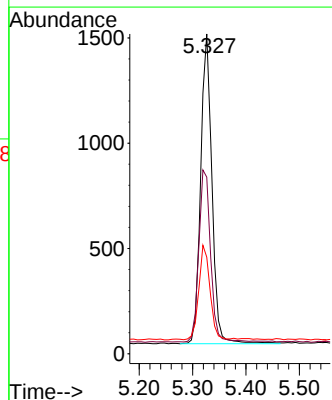
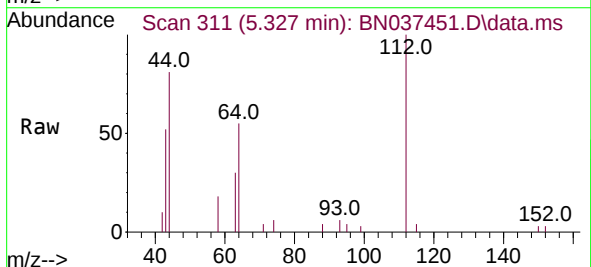
Instrument :  
BNA\_N  
ClientSampleId :  
PB168032BL

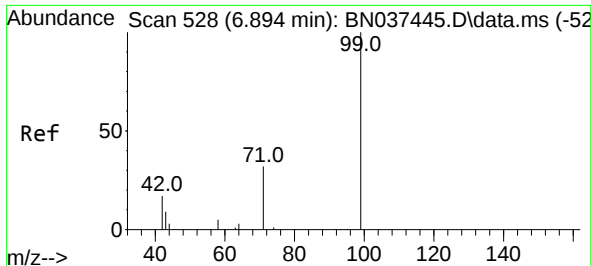
Tgt Ion:152 Resp: 2401  
Ion Ratio Lower Upper  
152 100  
150 154.8 124.6 186.8  
115 63.1 50.4 75.6



#4  
2-Fluorophenol  
Concen: 0.331 ng  
RT: 5.327 min Scan# 311  
Delta R.T. 0.001 min  
Lab File: BN037451.D  
Acq: 09 Jul 2025 23:41

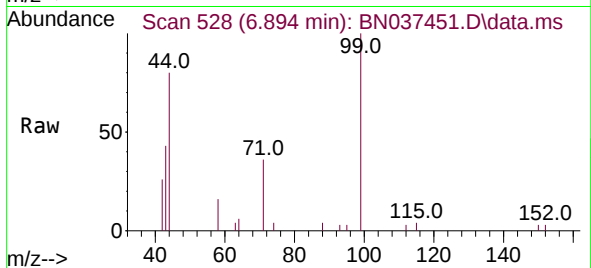
Tgt Ion:112 Resp: 2140  
Ion Ratio Lower Upper  
112 100  
64 57.7 49.4 74.2  
63 30.3 27.2 40.8



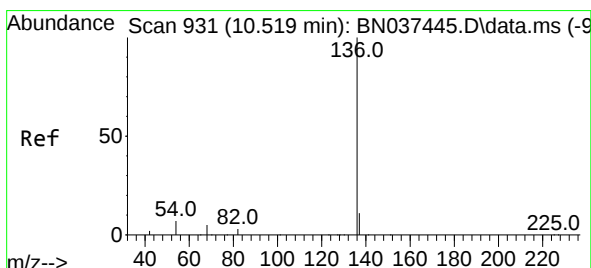
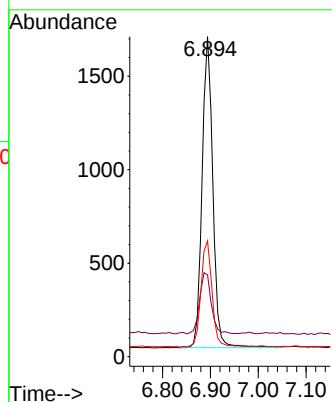
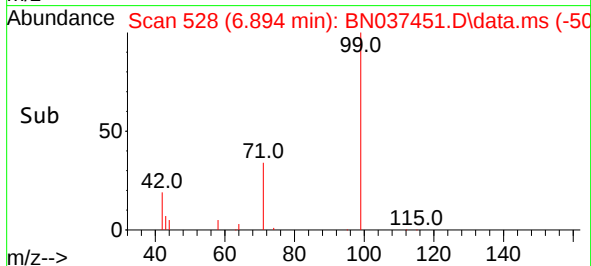


#5  
Phenol-d6  
Concen: 0.326 ng  
RT: 6.894 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BN037451.D  
Acq: 09 Jul 2025 23:41

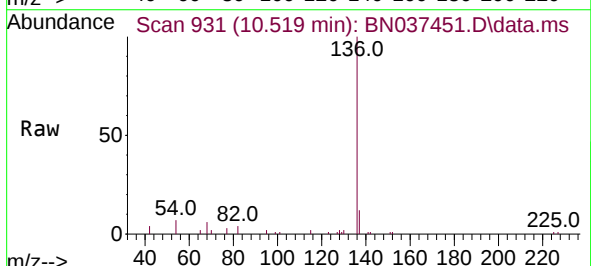
Instrument :  
BNA\_N  
ClientSampleId :  
PB168032BL



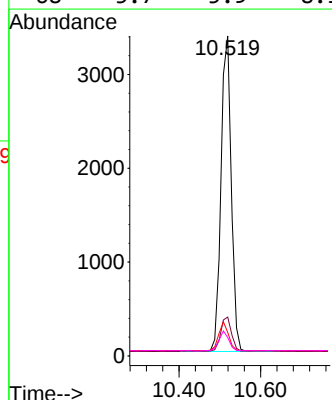
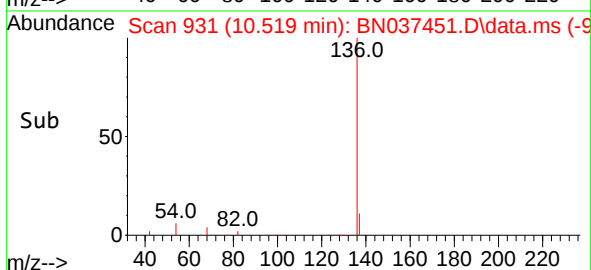
Tgt Ion: 99 Resp: 2591  
Ion Ratio Lower Upper  
99 100  
42 21.4 22.5 33.7#  
71 35.2 27.8 41.6

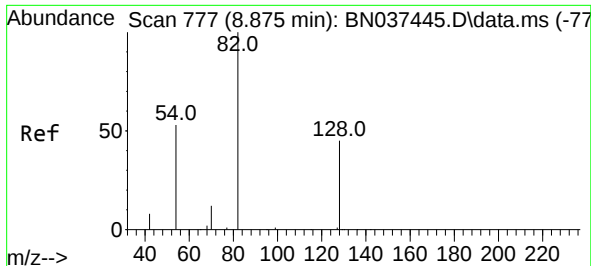


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.519 min Scan# 931  
Delta R.T. 0.000 min  
Lab File: BN037451.D  
Acq: 09 Jul 2025 23:41



Tgt Ion: 136 Resp: 5870  
Ion Ratio Lower Upper  
136 100  
137 12.1 9.5 14.3  
54 7.4 8.8 13.2#  
68 5.7 5.9 8.9#

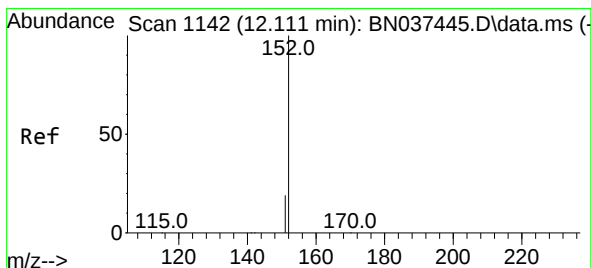
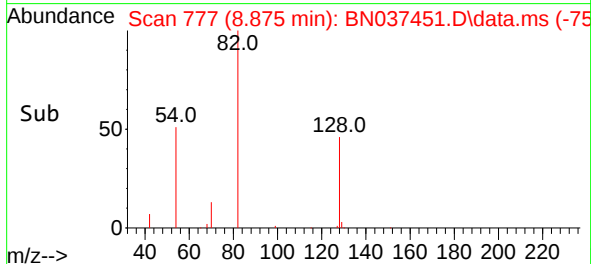
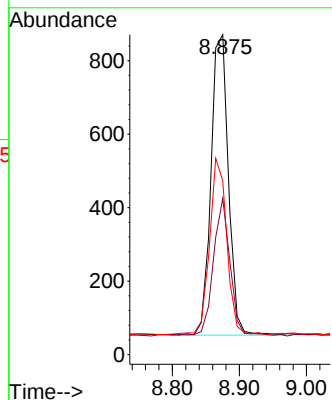
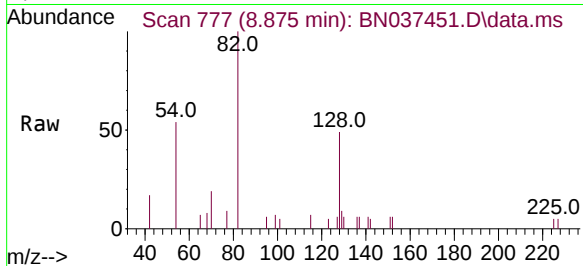




#8  
Nitrobenzene-d5  
Concen: 0.375 ng  
RT: 8.875 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BN037451.D  
Acq: 09 Jul 2025 23:41

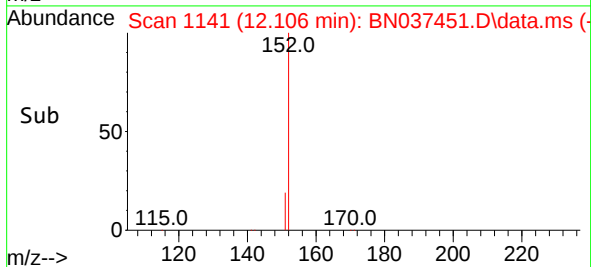
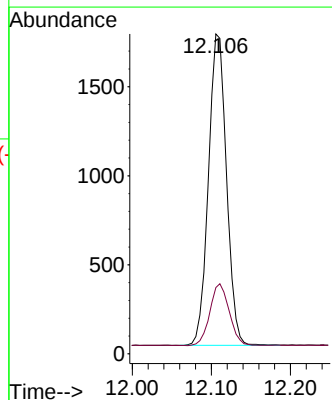
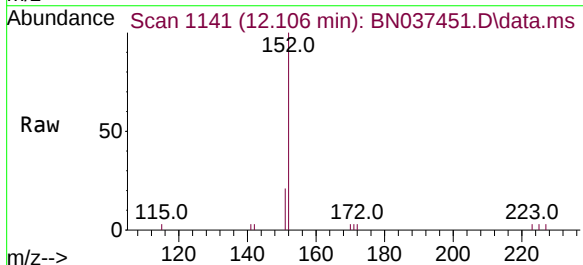
Instrument :  
BNA\_N  
ClientSampleId :  
PB168032BL

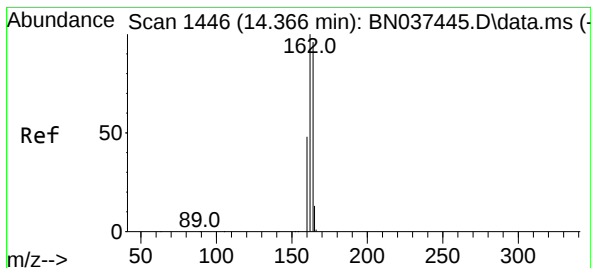
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 48.8  | 31.4  | 47.0# |
| 54      | 54.3  | 51.3  | 76.9  |



#11  
2-Methylnaphthalene-d10  
Concen: 0.337 ng  
RT: 12.106 min Scan# 1141  
Delta R.T. -0.010 min  
Lab File: BN037451.D  
Acq: 09 Jul 2025 23:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.4  | 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: BN037451.D

Acq: 09 Jul 2025 23:41

Instrument :

BNA\_N

ClientSampleId :

PB168032BL

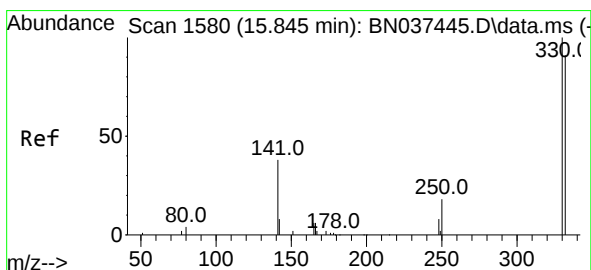
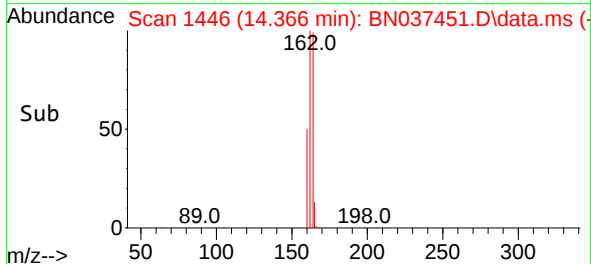
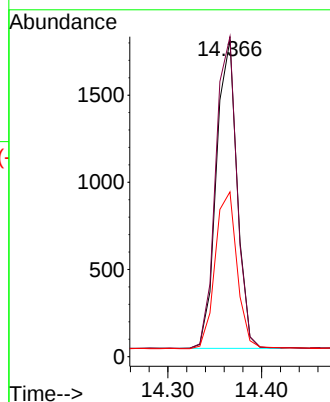
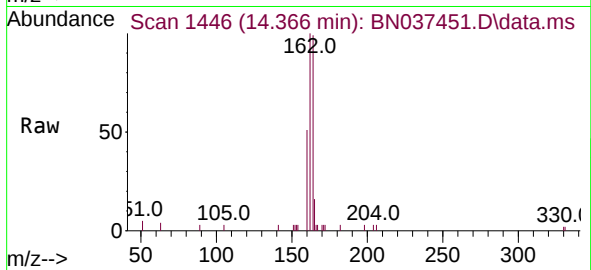
Tgt Ion:164 Resp: 2715

Ion Ratio Lower Upper

164 100

162 101.0 82.7 124.1

160 52.0 55.0 82.4#



#14

2,4,6-Tribromophenol

Concen: 0.129 ng

RT: 15.845 min Scan# 1580

Delta R.T. -0.012 min

Lab File: BN037451.D

Acq: 09 Jul 2025 23:41

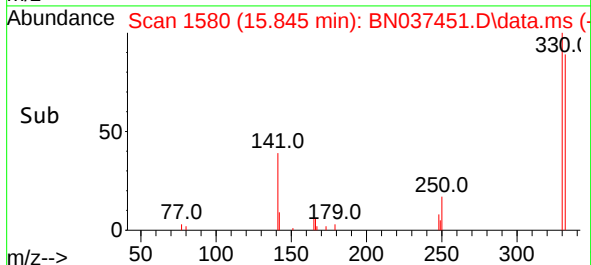
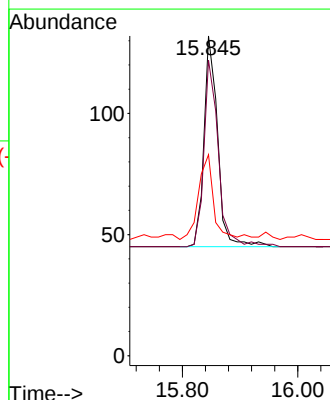
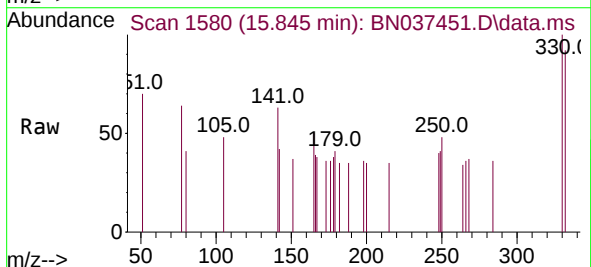
Tgt Ion:330 Resp: 143

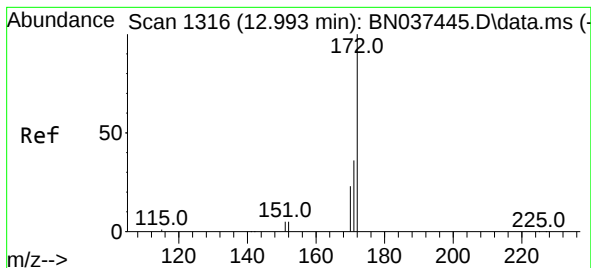
Ion Ratio Lower Upper

330 100

332 93.7 75.3 112.9

141 45.5 38.7 58.1

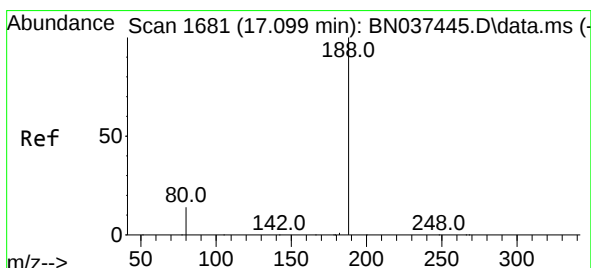
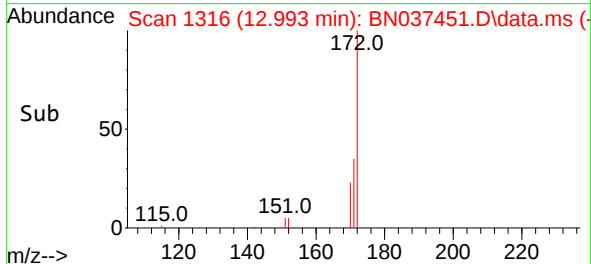
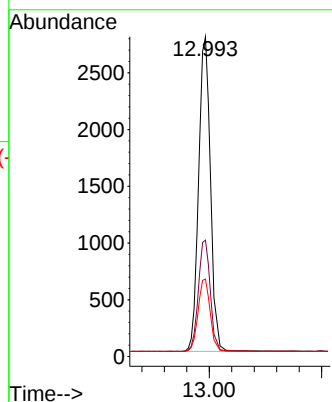
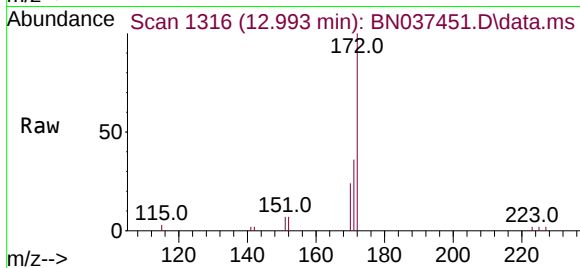




#15  
2-Fluorobiphenyl  
Concen: 0.401 ng  
RT: 12.993 min Scan# 1316  
Delta R.T. -0.005 min  
Lab File: BN037451.D  
Acq: 09 Jul 2025 23:41

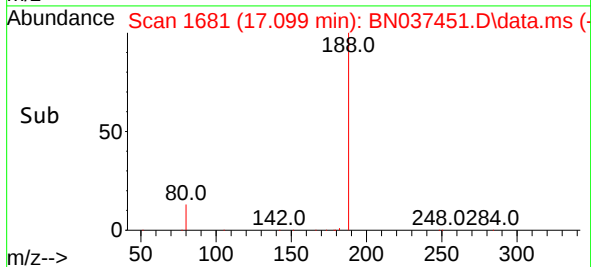
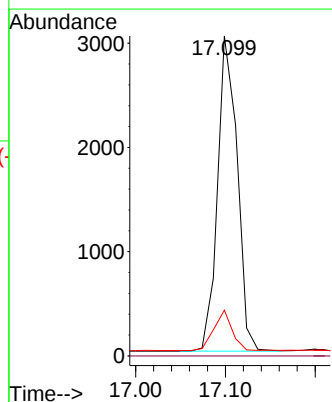
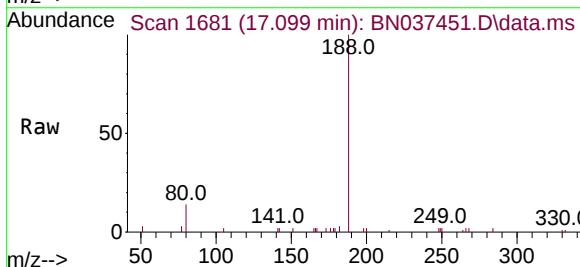
Instrument :  
BNA\_N  
ClientSampleId :  
PB168032BL

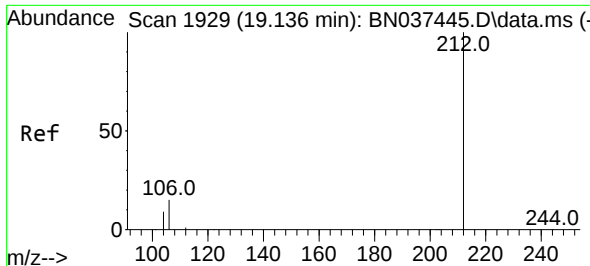
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Ion Ratio Lower Upper  
172 100  
171 36.4 28.4 42.6  
170 24.2 18.7 28.1



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.099 min Scan# 1681  
Delta R.T. -0.012 min  
Lab File: BN037451.D  
Acq: 09 Jul 2025 23:41

Tgt Ion:188 Resp: 4603  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 14.3 7.8 11.6#

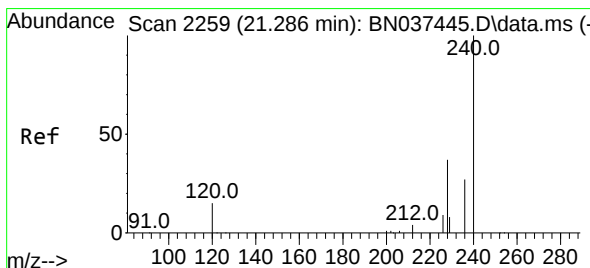
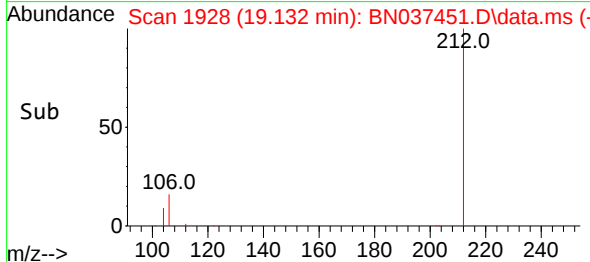
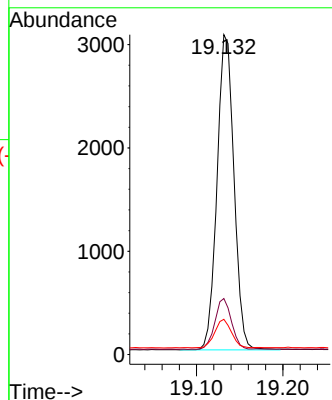
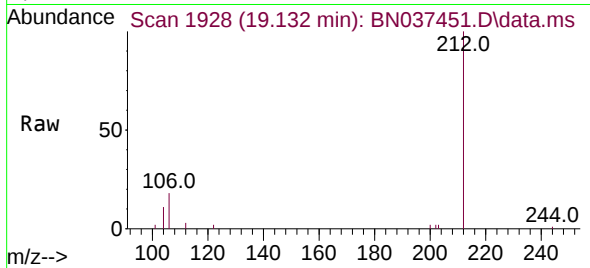




#27  
Fluoranthene-d10  
Concen: 0.349 ng  
RT: 19.132 min Scan# 1928  
Delta R.T. -0.009 min  
Lab File: BN037451.D  
Acq: 09 Jul 2025 23:41

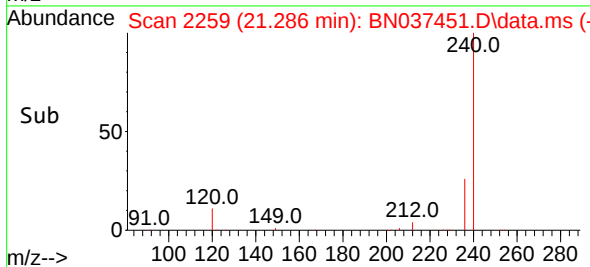
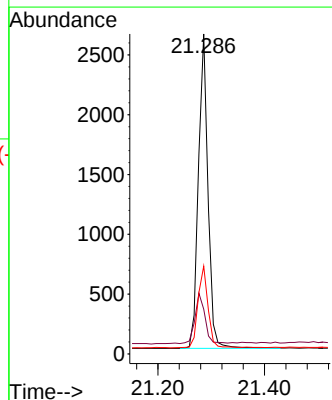
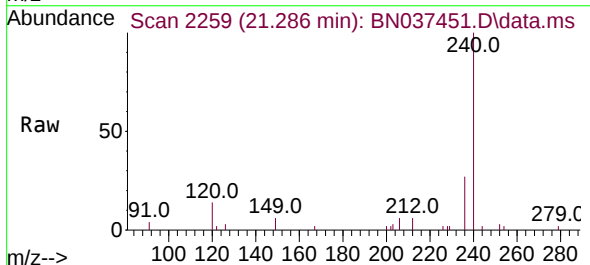
Instrument :  
BNA\_N  
ClientSampleId :  
PB168032BL

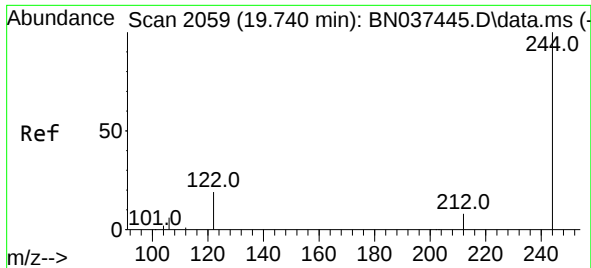
Tgt Ion:212 Resp: 4131  
Ion Ratio Lower Upper  
212 100  
106 15.8 13.4 20.0  
104 8.8 7.8 11.6



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.286 min Scan# 2259  
Delta R.T. -0.009 min  
Lab File: BN037451.D  
Acq: 09 Jul 2025 23:41

Tgt Ion:240 Resp: 3270  
Ion Ratio Lower Upper  
240 100  
120 14.0 16.4 24.6#  
236 27.4 23.3 34.9

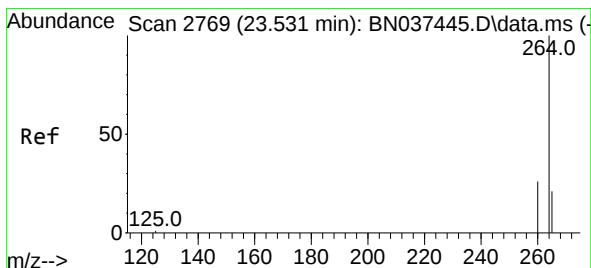
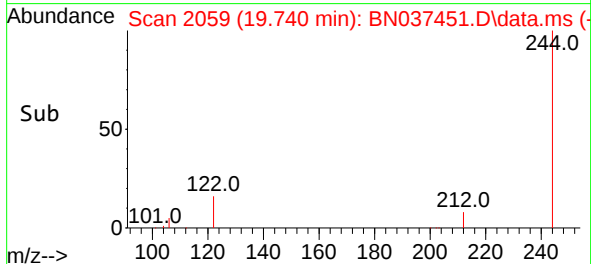
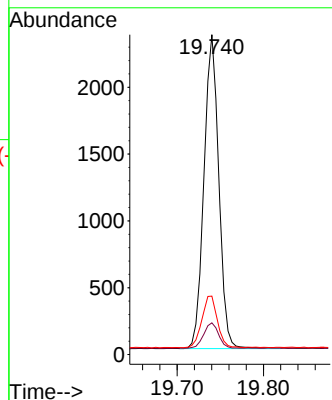
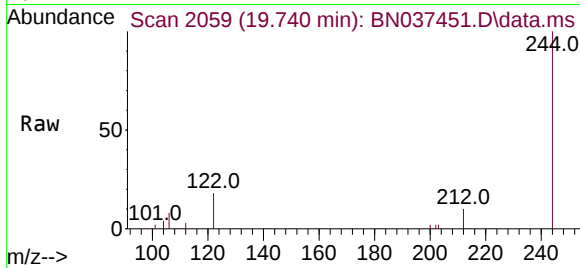




#31  
 Terphenyl-d14  
 Concen: 0.407 ng  
 RT: 19.740 min Scan# 2059  
 Delta R.T. -0.009 min  
 Lab File: BN037451.D  
 Acq: 09 Jul 2025 23:41

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB168032BL

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:244 | Resp: | 2803      |
| Ion Ratio   | Lower | Upper     |
| 244         | 100   |           |
| 212         | 9.9   | 9.0 13.4  |
| 122         | 18.3  | 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: BN037451.D  
 Acq: 09 Jul 2025 23:41

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:264 | Resp: | 3142      |
| Ion Ratio   | Lower | Upper     |
| 264         | 100   |           |
| 260         | 27.5  | 22.1 33.1 |
| 265         | 46.6  | 30.1 45.1 |

