

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092425\  
 Data File : BN037879.D  
 Acq On : 24 Sep 2025 17:39  
 Operator : RC/JU  
 Sample : PB169712BS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB169712BS

Quant Time: Sep 24 18:17:36 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 24 11:00:01 2025  
 Response via : Initial Calibration

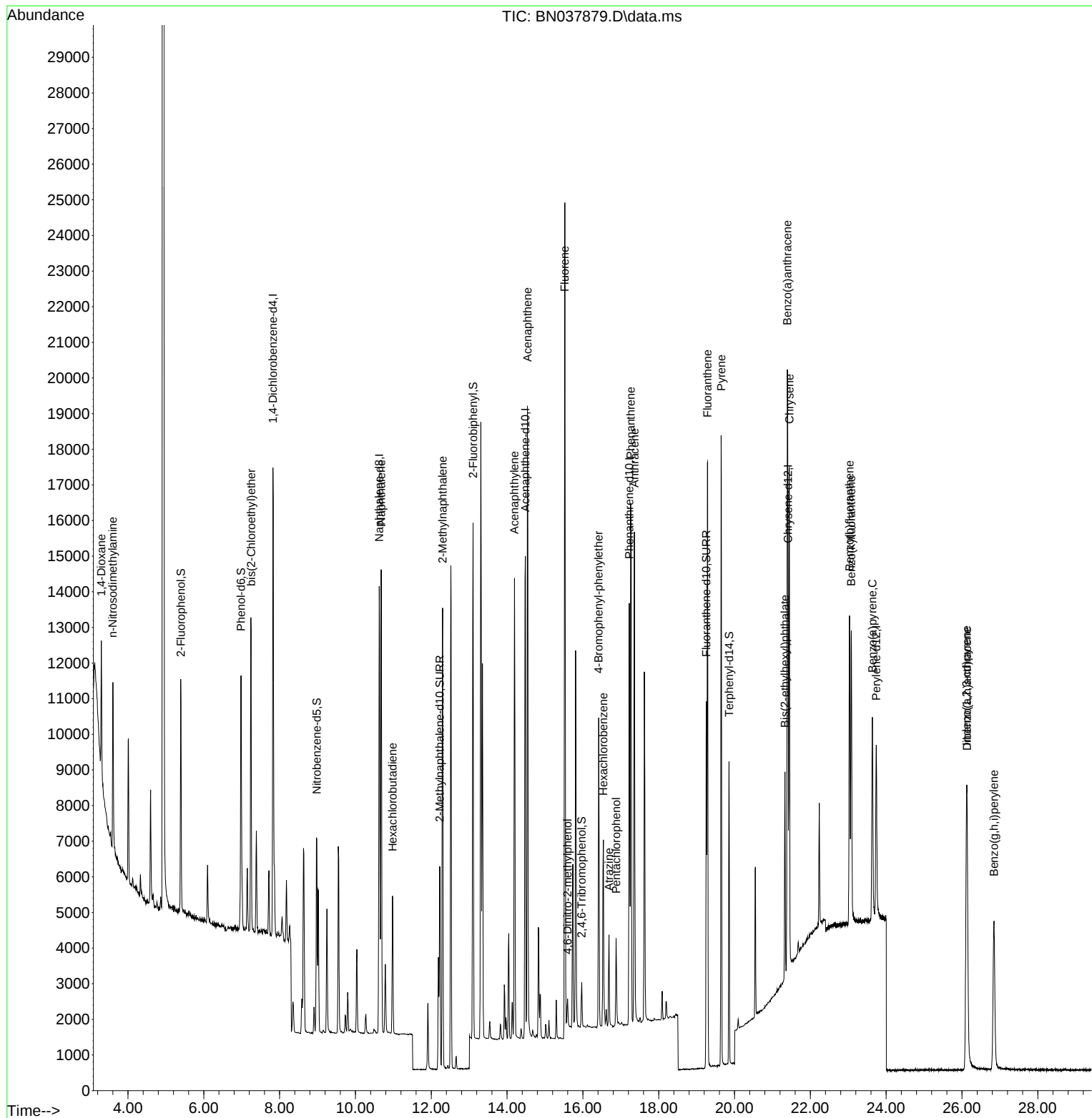
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.825  | 152  | 6389     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.626 | 136  | 17022    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.484 | 164  | 8044     | 0.400 | ng    | 0.01     |
| 19) Phenanthrene-d10          | 17.223 | 188  | 15051    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.411 | 240  | 9285     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.738 | 264  | 6873     | 0.400 | ng    | # 0.01   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.399  | 112  | 5104     | 0.350 | ng    | 0.01     |
| 5) Phenol-d6                  | 6.980  | 99   | 6317     | 0.330 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.982  | 82   | 4564     | 0.352 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.222 | 152  | 7934     | 0.336 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.969 | 330  | 702      | 0.230 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.105 | 172  | 12488    | 0.379 | ng    | 0.01     |
| 27) Fluoranthene-d10          | 19.257 | 212  | 10866    | 0.287 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.856 | 244  | 7873     | 0.426 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.297  | 88   | 2034     | 0.314 | ng    | # 67     |
| 3) n-Nitrosodimethylamine     | 3.600  | 42   | 2810     | 0.326 | ng    | # 91     |
| 6) bis(2-Chloroethyl)ether    | 7.248  | 93   | 6245     | 0.351 | ng    | 99       |
| 9) Naphthalene                | 10.679 | 128  | 16507    | 0.352 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.978 | 225  | 3009     | 0.376 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.298 | 142  | 9242     | 0.302 | ng    | 98       |
| 16) Acenaphthylene            | 14.195 | 152  | 14148    | 0.387 | ng    | 99       |
| 17) Acenaphthene              | 14.537 | 154  | 8794     | 0.338 | ng    | 100      |
| 18) Fluorene                  | 15.522 | 166  | 10857    | 0.345 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.597 | 198  | 547      | 0.352 | ng    | # 80     |
| 21) 4-Bromophenyl-phenylether | 16.416 | 248  | 3337     | 0.340 | ng    | # 86     |
| 22) Hexachlorobenzene         | 16.540 | 284  | 4448     | 0.374 | ng    | 98       |
| 23) Atrazine                  | 16.689 | 200  | 2053     | 0.275 | ng    | 95       |
| 24) Pentachlorophenol         | 16.875 | 266  | 1293     | 0.317 | ng    | 94       |
| 25) Phenanthrene              | 17.260 | 178  | 17069    | 0.345 | ng    | 99       |
| 26) Anthracene                | 17.359 | 178  | 14843    | 0.345 | ng    | 100      |
| 28) Fluoranthene              | 19.290 | 202  | 15606    | 0.286 | ng    | 100      |
| 30) Pyrene                    | 19.647 | 202  | 15632    | 0.426 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.393 | 228  | 11859    | 0.365 | ng    | 99       |
| 33) Chrysene                  | 21.447 | 228  | 13029    | 0.371 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.330 | 149  | 3217     | 0.251 | ng    | # 97     |
| 36) Indeno(1,2,3-cd)pyrene    | 26.121 | 276  | 11026    | 0.351 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 23.034 | 252  | 11383    | 0.384 | ng    | # 93     |
| 38) Benzo(k)fluoranthene      | 23.081 | 252  | 10834    | 0.363 | ng    | # 92     |
| 39) Benzo(a)pyrene            | 23.636 | 252  | 8929     | 0.381 | ng    | # 90     |
| 40) Dibenzo(a,h)anthracene    | 26.133 | 278  | 8564     | 0.349 | ng    | 94       |
| 41) Benzo(g,h,i)perylene      | 26.843 | 276  | 9560     | 0.371 | ng    | 97       |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092425\  
Data File : BN037879.D  
Acq On : 24 Sep 2025 17:39  
Operator : RC/JU  
Sample : PB169712BS  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB169712BS

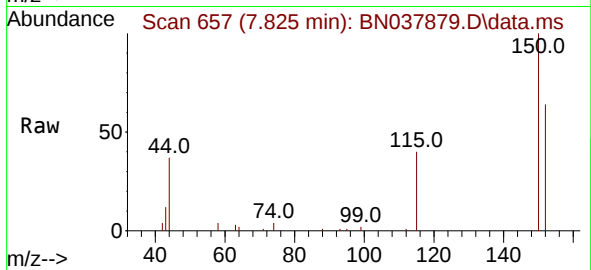
Quant Time: Sep 24 18:17:36 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 24 11:00:01 2025  
Response via : Initial Calibration





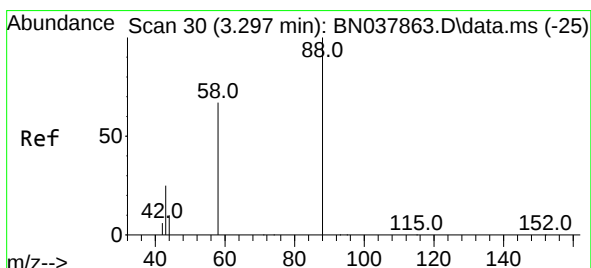
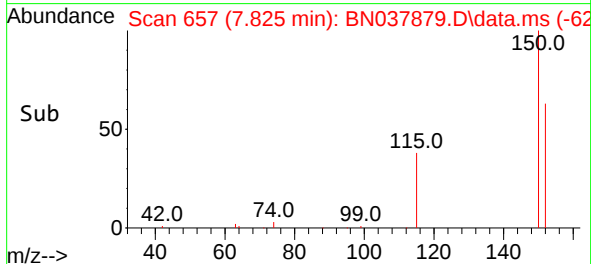
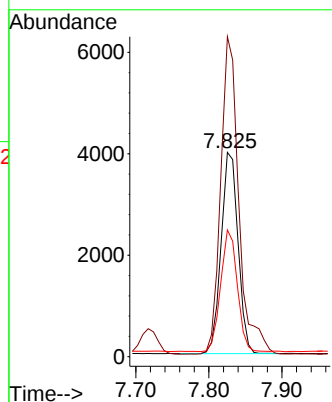
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.825 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: BN037879.D  
 Acq: 24 Sep 2025 17:39

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB169712BS



Tgt Ion:152 Resp: 6389

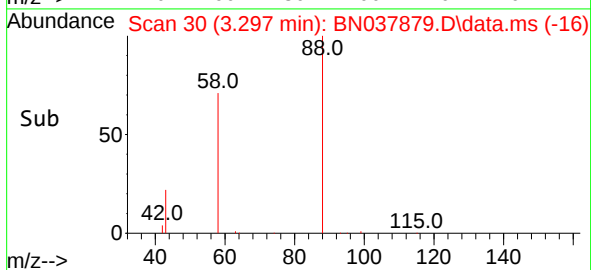
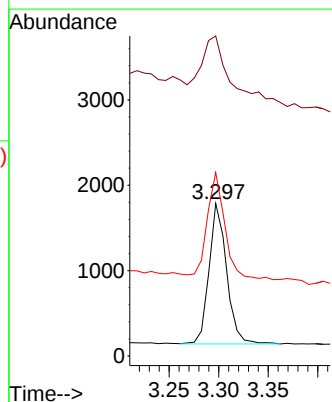
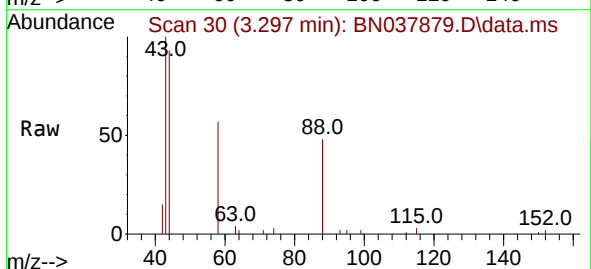
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 156.6 | 121.0 | 181.4 |
| 115 | 62.0  | 47.4  | 71.0  |

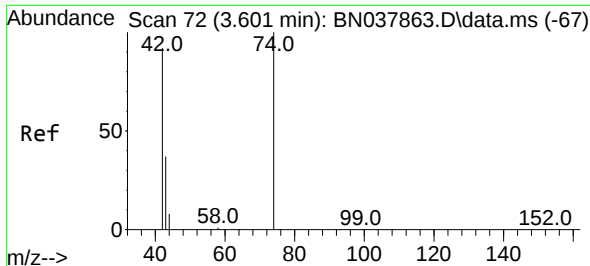


#2  
 1,4-Dioxane  
 Concen: 0.314 ng  
 RT: 3.297 min Scan# 30  
 Delta R.T. -0.000 min  
 Lab File: BN037879.D  
 Acq: 24 Sep 2025 17:39

Tgt Ion: 88 Resp: 2034

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 88.0  | 26.6  | 39.8  |
| 58  | 77.0  | 58.9  | 88.3  |

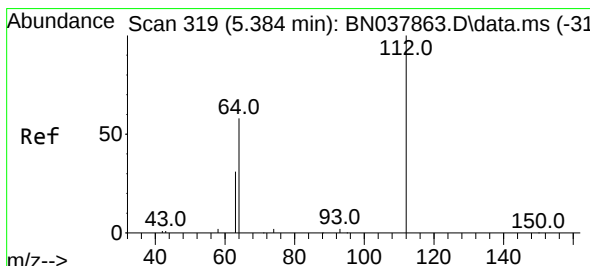
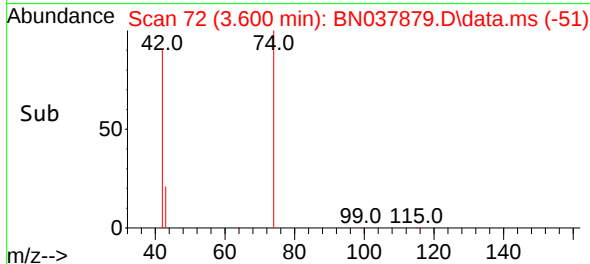
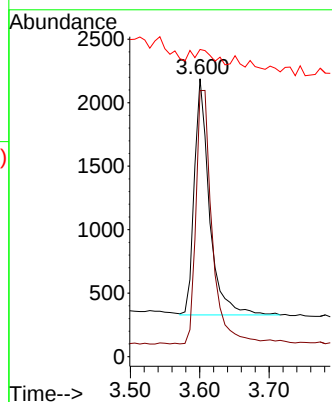
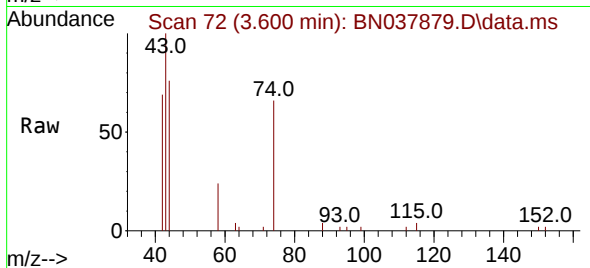




#3  
 n-Nitrosodimethylamine  
 Concen: 0.326 ng  
 RT: 3.600 min Scan# 71  
 Delta R.T. -0.000 min  
 Lab File: BN037879.D  
 Acq: 24 Sep 2025 17:39

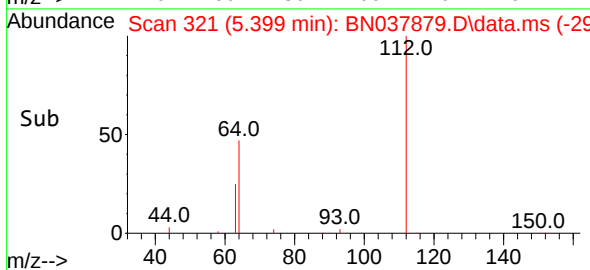
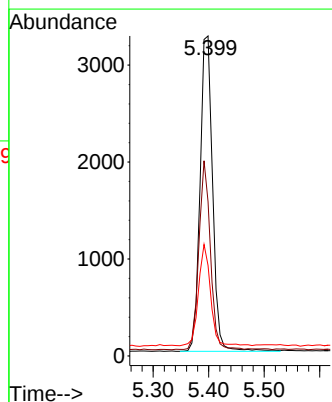
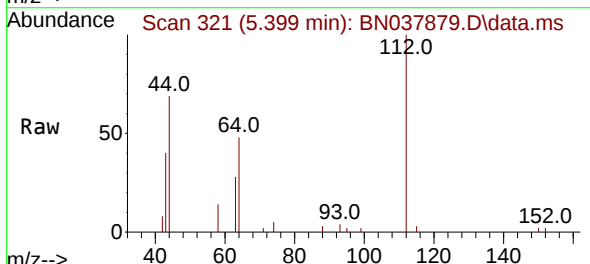
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB169712BS

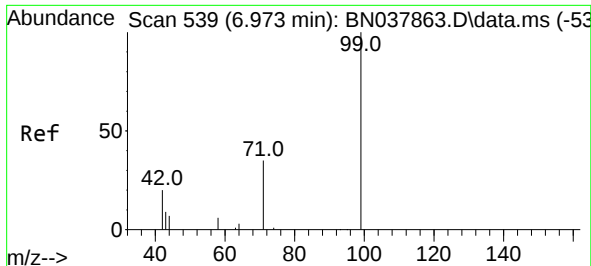
Tgt Ion: 42 Resp: 2810  
 Ion Ratio Lower Upper  
 42 100  
 74 114.3 93.4 140.0  
 44 8.8 22.2 33.4#



#4  
 2-Fluorophenol  
 Concen: 0.350 ng  
 RT: 5.399 min Scan# 321  
 Delta R.T. 0.014 min  
 Lab File: BN037879.D  
 Acq: 24 Sep 2025 17:39

Tgt Ion: 112 Resp: 5104  
 Ion Ratio Lower Upper  
 112 100  
 64 55.3 44.6 66.8  
 63 31.1 24.9 37.3

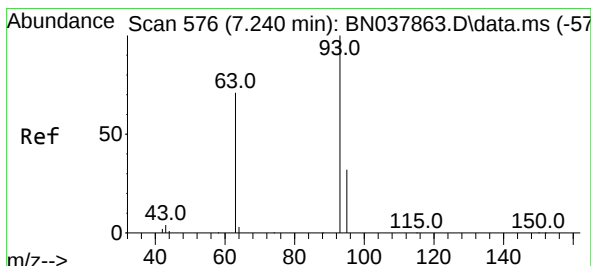
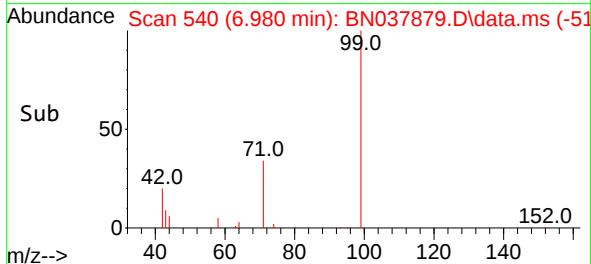
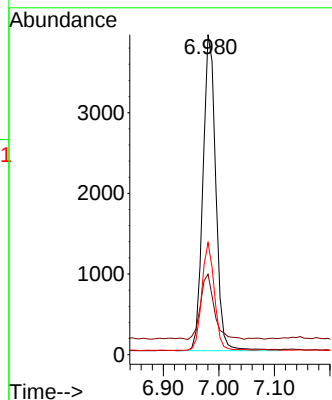
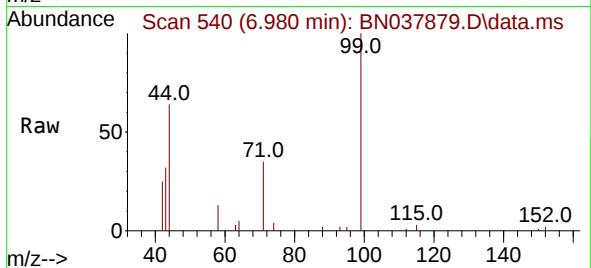




#5  
Phenol-d6  
Concen: 0.330 ng  
RT: 6.980 min Scan# 541  
Delta R.T. 0.007 min  
Lab File: BN037879.D  
Acq: 24 Sep 2025 17:39

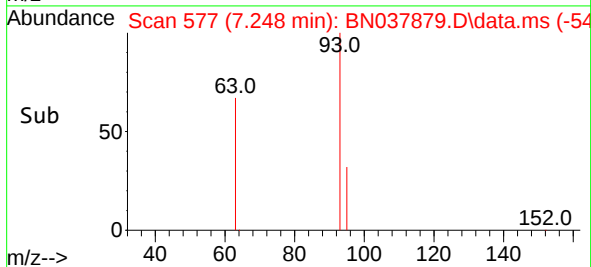
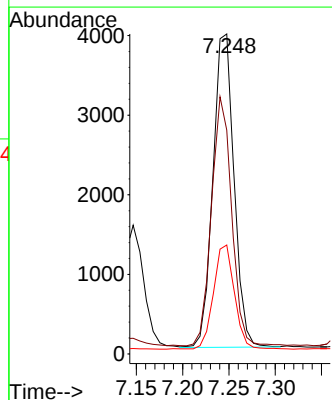
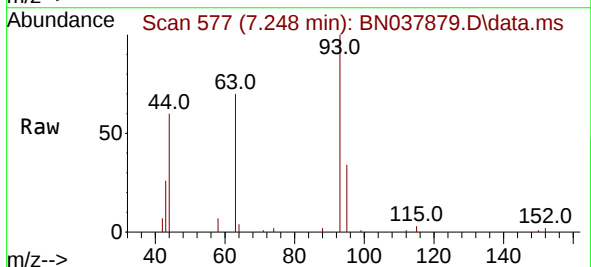
Instrument :  
BNA\_N  
ClientSampleId :  
PB169712BS

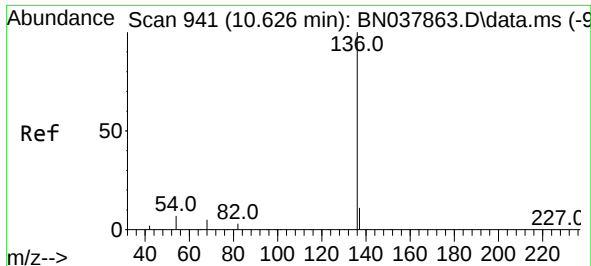
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 6317  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 21.9  | 17.2  | 25.8  |
| 71       | 33.6  | 27.3  | 40.9  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.351 ng  
RT: 7.248 min Scan# 577  
Delta R.T. 0.007 min  
Lab File: BN037879.D  
Acq: 24 Sep 2025 17:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 6245  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 75.9  | 60.1  | 90.1  |
| 95       | 33.2  | 25.4  | 38.2  |

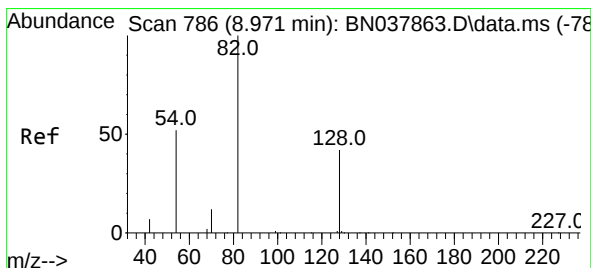
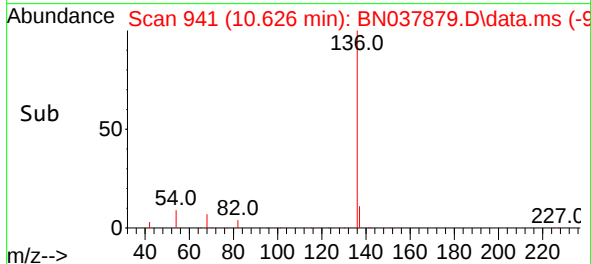
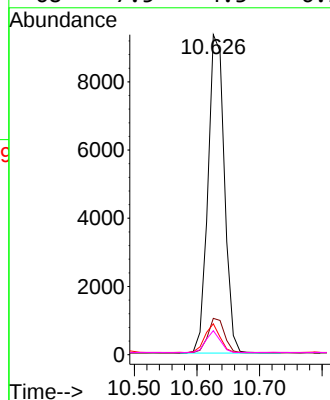
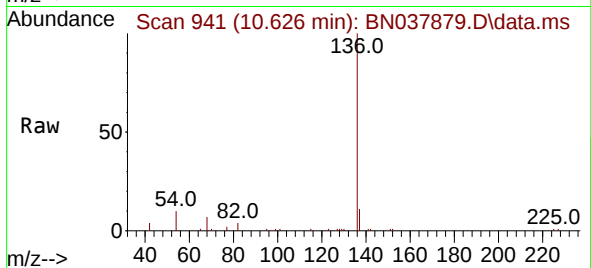




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.626 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: BN037879.D  
Acq: 24 Sep 2025 17:39

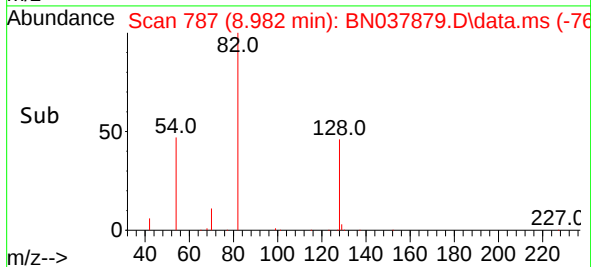
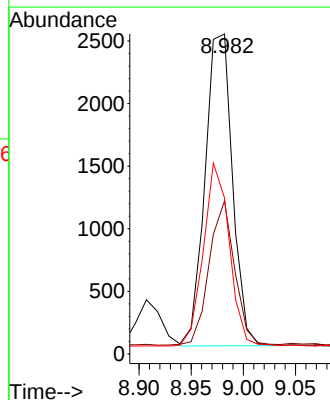
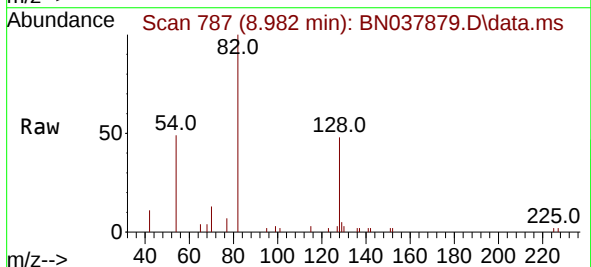
Instrument :  
BNA\_N  
ClientSampleId :  
PB169712BS

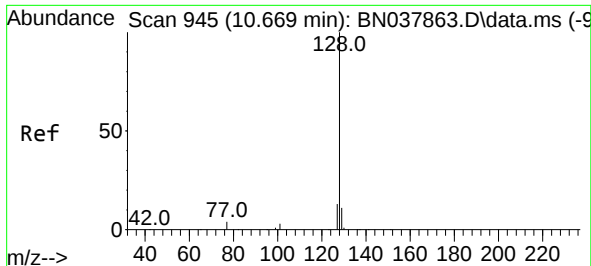
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 17022 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.3  | 9.0   | 13.4  |
| 54       | 9.7   | 5.8   | 8.8#  |
| 68       | 7.5   | 4.3   | 6.5#  |



#8  
Nitrobenzene-d5  
Concen: 0.352 ng  
RT: 8.982 min Scan# 787  
Delta R.T. 0.011 min  
Lab File: BN037879.D  
Acq: 24 Sep 2025 17:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 4564  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 47.8  | 34.8  | 52.2  |
| 54       | 48.7  | 42.2  | 63.2  |

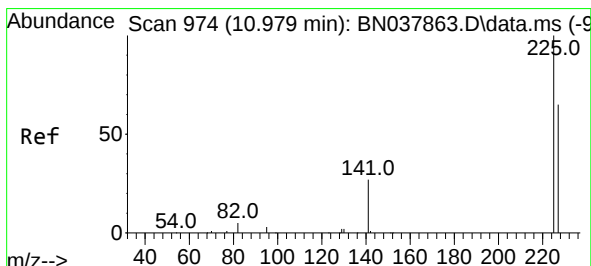
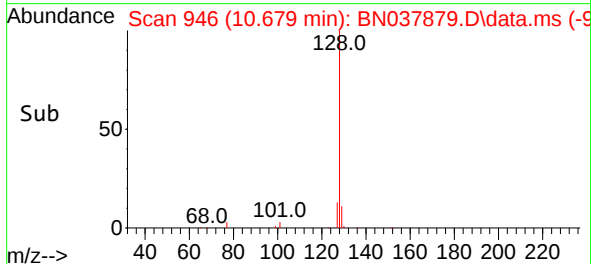
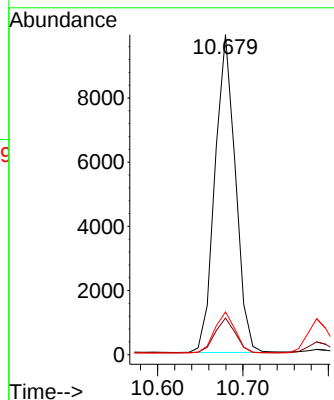
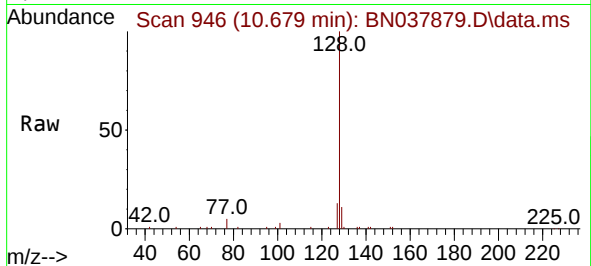




#9  
Naphthalene  
Concen: 0.352 ng  
RT: 10.679 min Scan# 945  
Delta R.T. 0.011 min  
Lab File: BN037879.D  
Acq: 24 Sep 2025 17:39

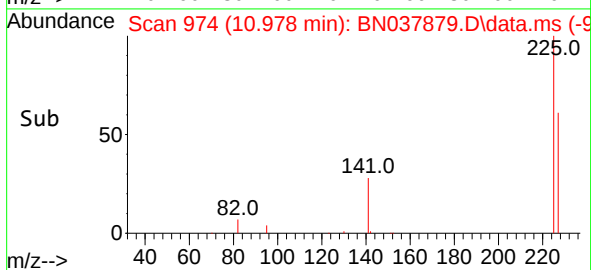
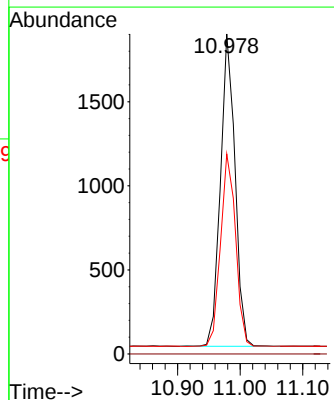
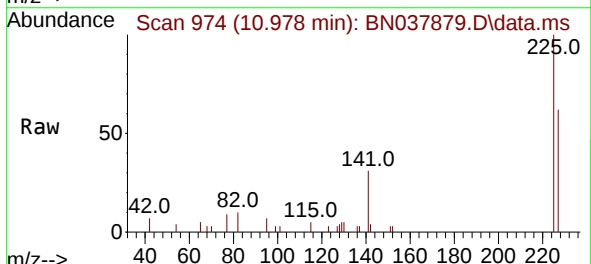
Instrument :  
BNA\_N  
ClientSampleId :  
PB169712BS

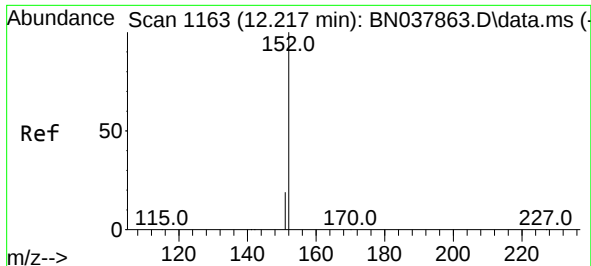
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 16507 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 129       | 11.5  | 9.2   | 13.8  |
| 127       | 13.3  | 11.0  | 16.6  |



#10  
Hexachlorobutadiene  
Concen: 0.376 ng  
RT: 10.978 min Scan# 974  
Delta R.T. -0.000 min  
Lab File: BN037879.D  
Acq: 24 Sep 2025 17:39

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 3009 |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 0.0   | 0.0   | 0.0  |
| 227       | 63.6  | 51.4  | 77.2 |

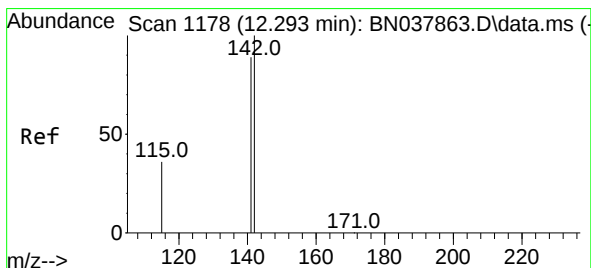
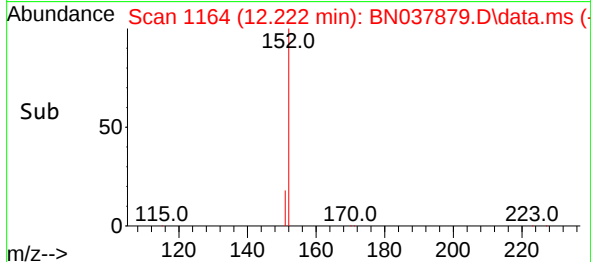
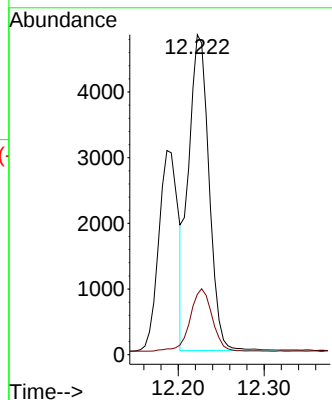
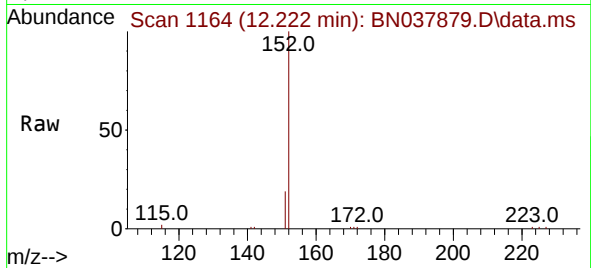




#11  
2-Methylnaphthalene-d10  
Concen: 0.336 ng  
RT: 12.222 min Scan# 1164  
Delta R.T. 0.005 min  
Lab File: BN037879.D  
Acq: 24 Sep 2025 17:39

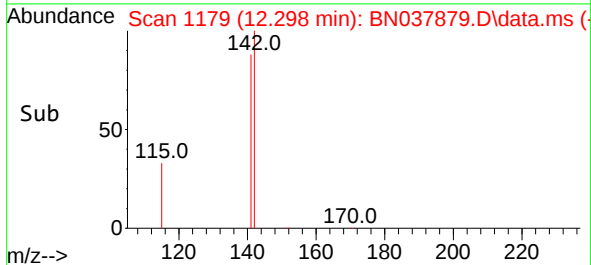
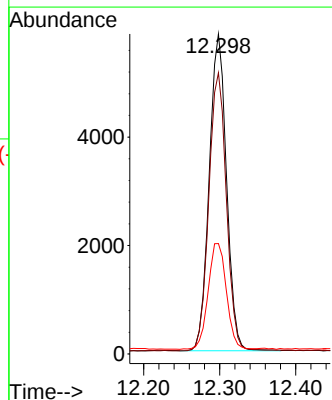
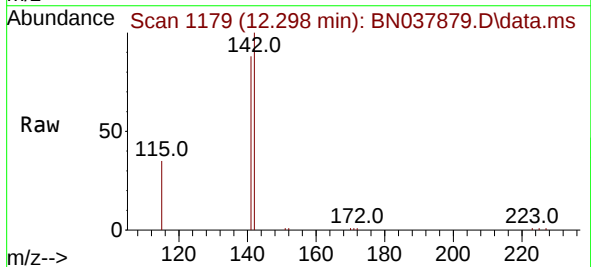
Instrument :  
BNA\_N  
ClientSampleId :  
PB169712BS

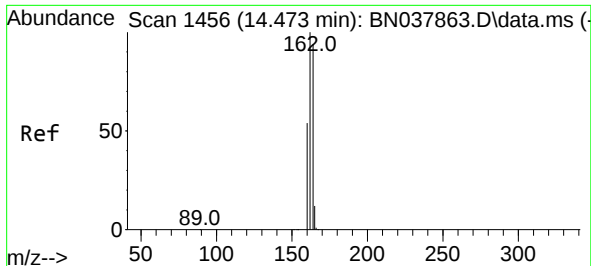
Tgt Ion:152 Resp: 7934  
Ion Ratio Lower Upper  
152 100  
151 21.5 17.4 26.2



#12  
2-Methylnaphthalene  
Concen: 0.302 ng  
RT: 12.298 min Scan# 1179  
Delta R.T. 0.005 min  
Lab File: BN037879.D  
Acq: 24 Sep 2025 17:39

Tgt Ion:142 Resp: 9242  
Ion Ratio Lower Upper  
142 100  
141 87.9 71.2 106.8  
115 34.5 29.7 44.5

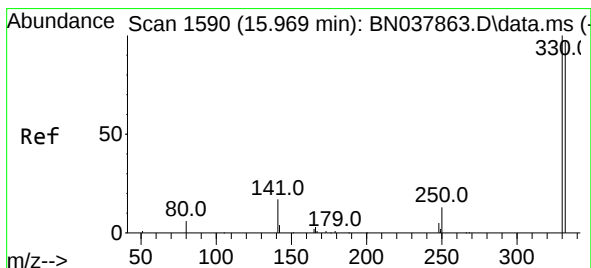
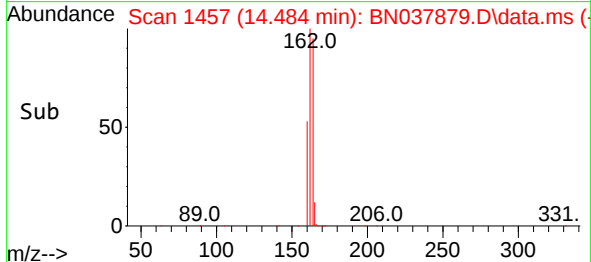
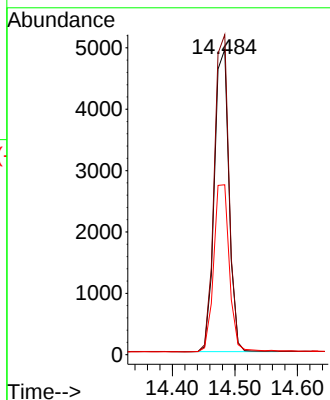
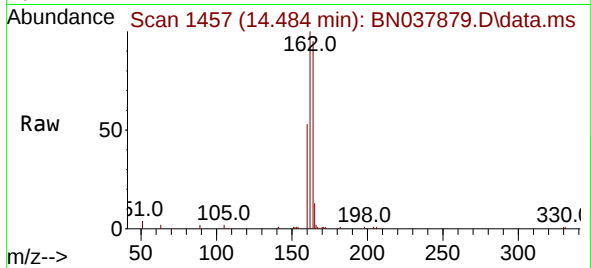




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.484 min Scan# 1457  
Delta R.T. 0.011 min  
Lab File: BN037879.D  
Acq: 24 Sep 2025 17:39

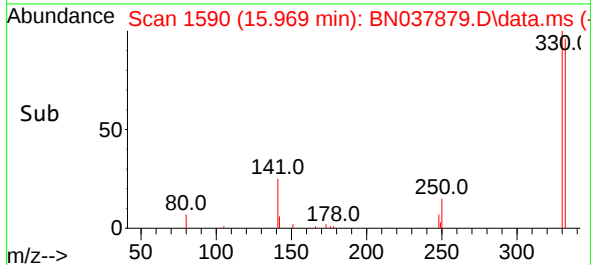
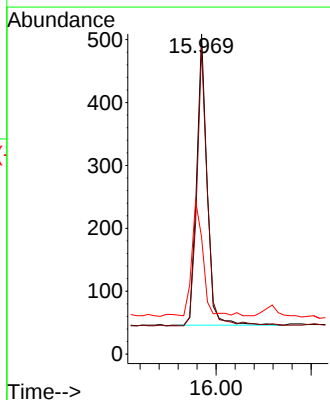
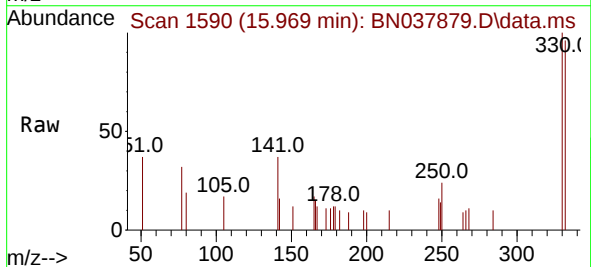
Instrument :  
BNA\_N  
ClientSampleId :  
PB169712BS

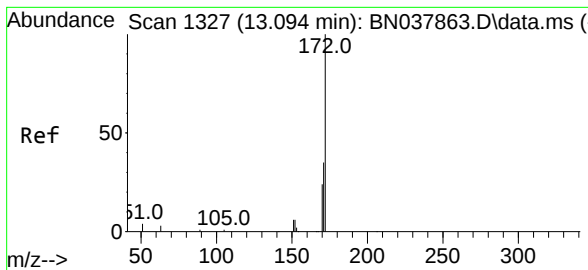
Tgt Ion:164 Resp: 8044  
Ion Ratio Lower Upper  
164 100  
162 104.8 84.8 127.2  
160 55.7 46.1 69.1



#14  
2,4,6-Tribromophenol  
Concen: 0.230 ng  
RT: 15.969 min Scan# 1590  
Delta R.T. 0.000 min  
Lab File: BN037879.D  
Acq: 24 Sep 2025 17:39

Tgt Ion:330 Resp: 702  
Ion Ratio Lower Upper  
330 100  
332 95.0 77.2 115.8  
141 44.2 37.2 55.8

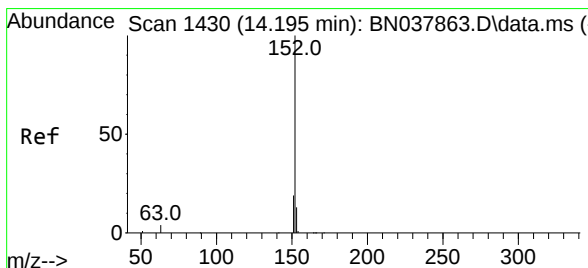
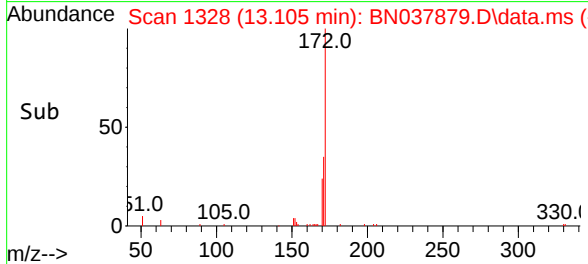
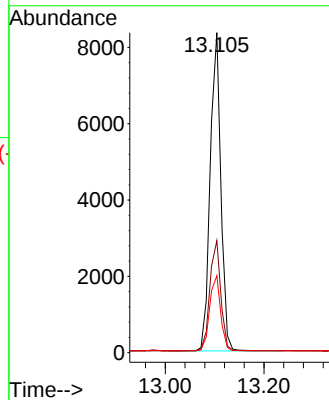
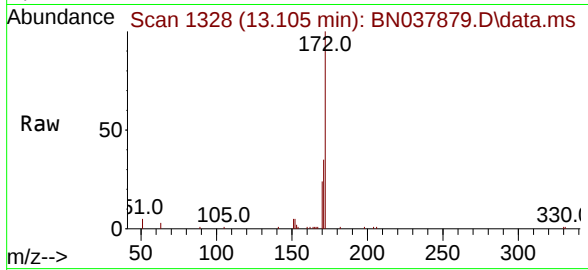




#15  
2-Fluorobiphenyl  
Concen: 0.379 ng  
RT: 13.105 min Scan# 1328  
Delta R.T. 0.011 min  
Lab File: BN037879.D  
Acq: 24 Sep 2025 17:39

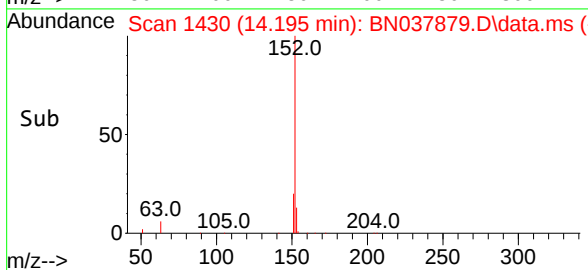
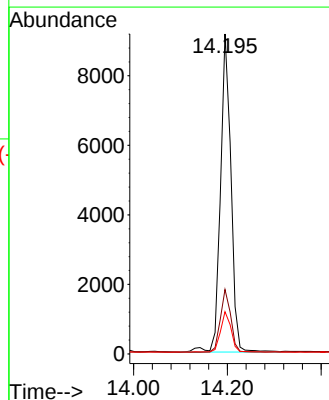
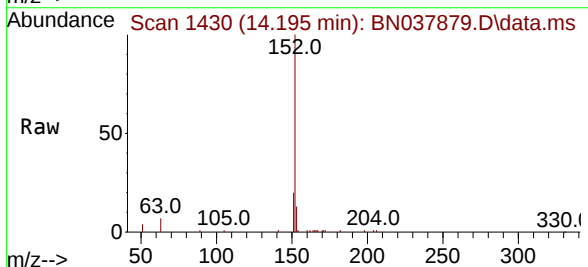
Instrument :  
BNA\_N  
ClientSampleId :  
PB169712BS

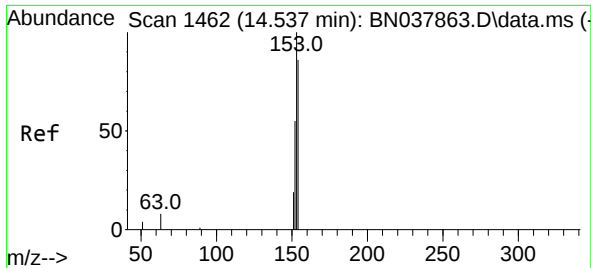
Tgt Ion:172 Resp: 12488  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.6 43.0  
170 24.1 19.7 29.5



#16  
Acenaphthylene  
Concen: 0.387 ng  
RT: 14.195 min Scan# 1430  
Delta R.T. -0.000 min  
Lab File: BN037879.D  
Acq: 24 Sep 2025 17:39

Tgt Ion:152 Resp: 14148  
Ion Ratio Lower Upper  
152 100  
151 19.6 15.8 23.8  
153 12.5 10.5 15.7

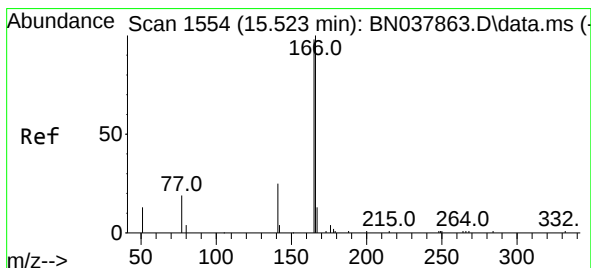
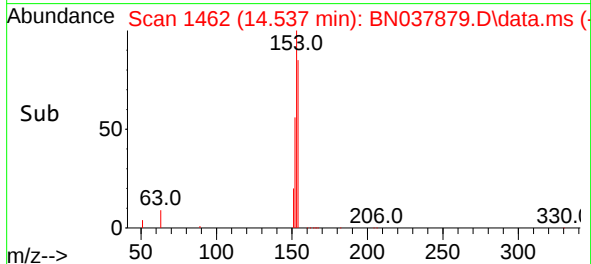
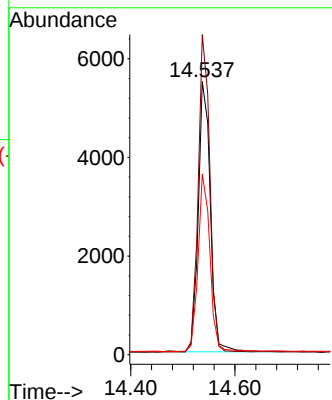
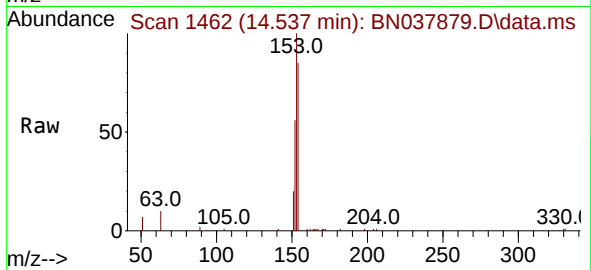




#17  
Acenaphthene  
Concen: 0.338 ng  
RT: 14.537 min Scan# 1462  
Delta R.T. -0.000 min  
Lab File: BN037879.D  
Acq: 24 Sep 2025 17:39

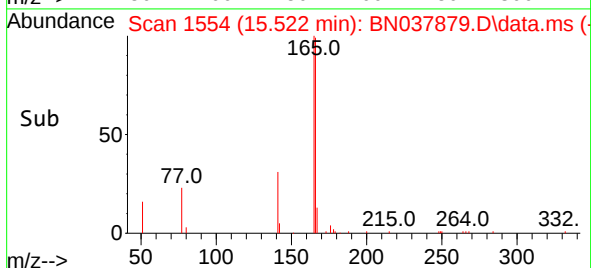
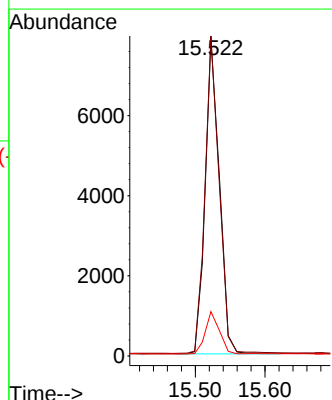
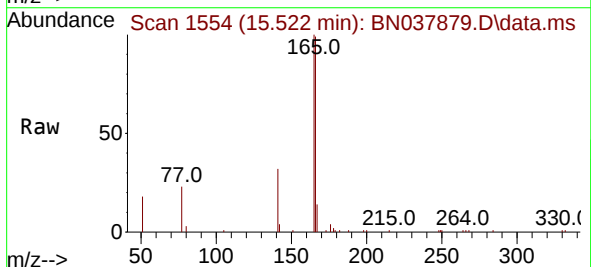
Instrument :  
BNA\_N  
ClientSampleId :  
PB169712BS

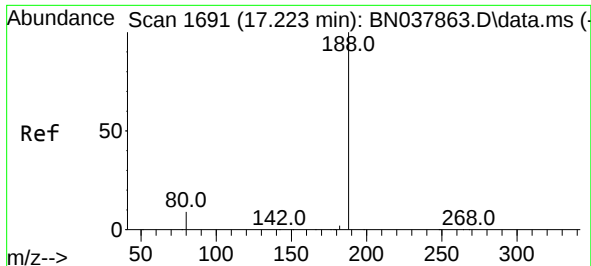
Tgt Ion:154 Resp: 8794  
Ion Ratio Lower Upper  
154 100  
153 113.6 90.5 135.7  
152 65.1 51.8 77.8



#18  
Fluorene  
Concen: 0.345 ng  
RT: 15.522 min Scan# 1554  
Delta R.T. -0.000 min  
Lab File: BN037879.D  
Acq: 24 Sep 2025 17:39

Tgt Ion:166 Resp: 10857  
Ion Ratio Lower Upper  
166 100  
165 100.1 79.0 118.4  
167 13.0 10.6 16.0

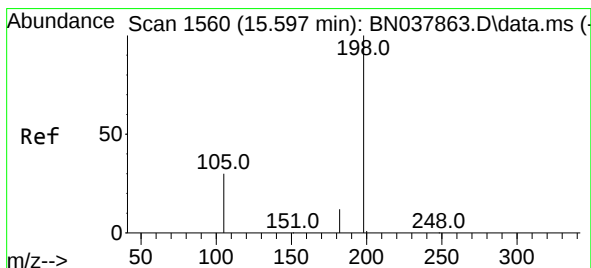
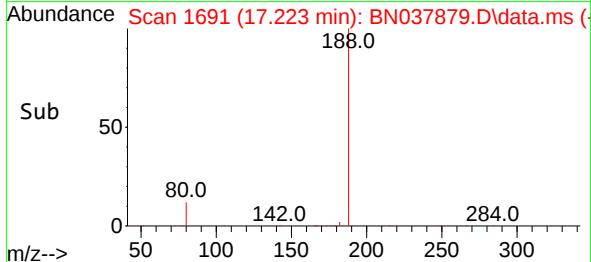
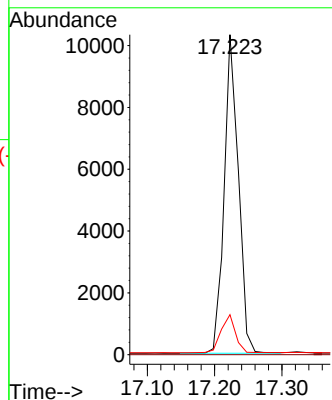
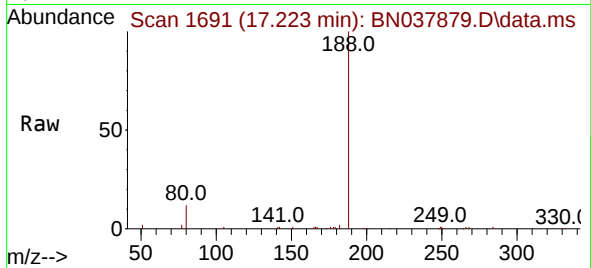




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.223 min Scan# 1691  
Delta R.T. -0.000 min  
Lab File: BN037879.D  
Acq: 24 Sep 2025 17:39

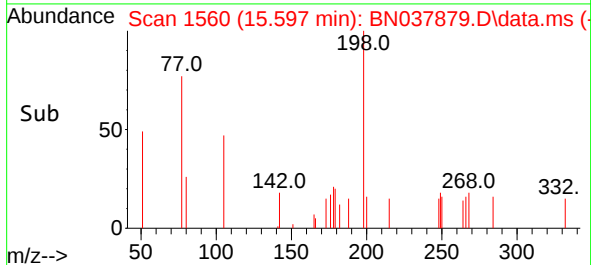
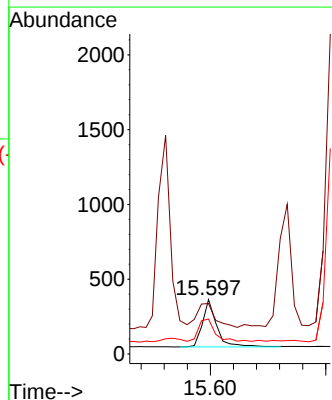
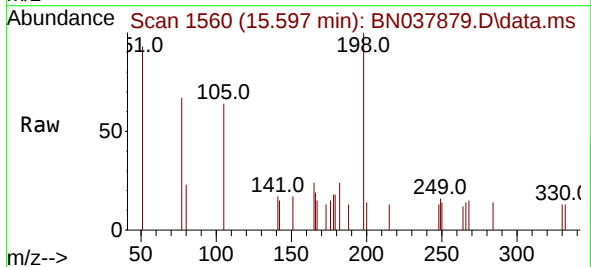
Instrument :  
BNA\_N  
ClientSampleId :  
PB169712BS

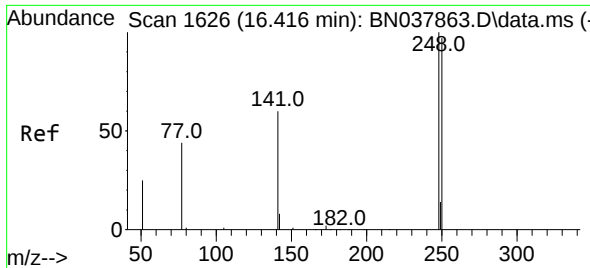
Tgt Ion:188 Resp: 15051  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.5 7.6 11.4#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.352 ng  
RT: 15.597 min Scan# 1560  
Delta R.T. -0.000 min  
Lab File: BN037879.D  
Acq: 24 Sep 2025 17:39

Tgt Ion:198 Resp: 547  
Ion Ratio Lower Upper  
198 100  
51 92.6 59.1 88.7#  
105 64.0 41.3 61.9#

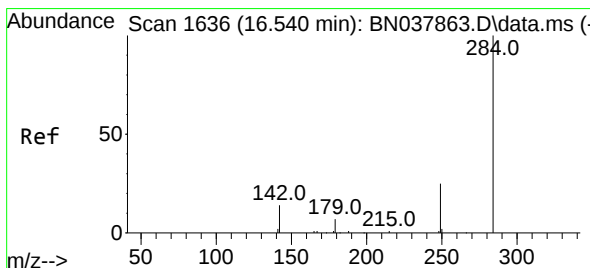
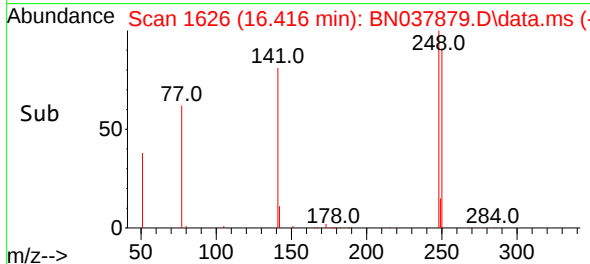
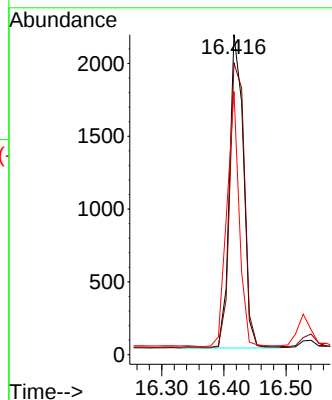
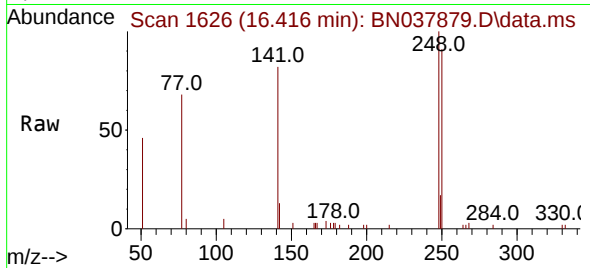




#21  
4-Bromophenyl-phenylether  
Concen: 0.340 ng  
RT: 16.416 min Scan# 1626  
Delta R.T. -0.000 min  
Lab File: BN037879.D  
Acq: 24 Sep 2025 17:39

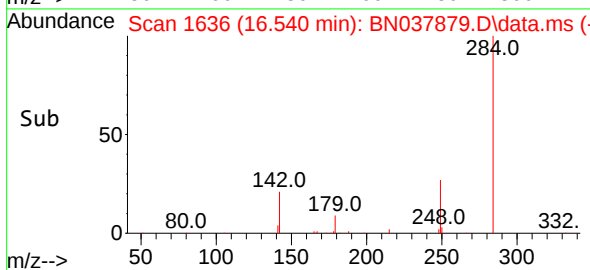
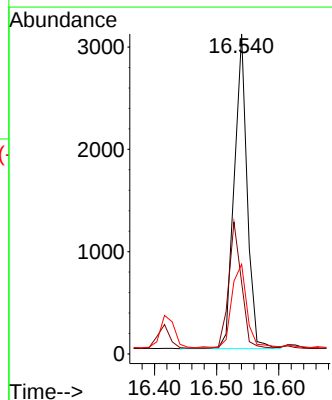
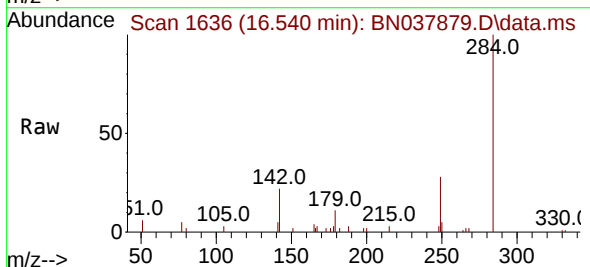
Instrument :  
BNA\_N  
ClientSampleId :  
PB169712BS

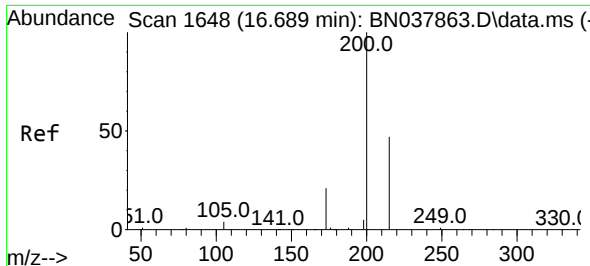
Tgt Ion:248 Resp: 3337  
Ion Ratio Lower Upper  
248 100  
250 91.1 77.6 116.4  
141 82.3 48.8 73.2#



#22  
Hexachlorobenzene  
Concen: 0.374 ng  
RT: 16.540 min Scan# 1636  
Delta R.T. -0.000 min  
Lab File: BN037879.D  
Acq: 24 Sep 2025 17:39

Tgt Ion:284 Resp: 4448  
Ion Ratio Lower Upper  
284 100  
142 39.6 30.9 46.3  
249 31.2 23.9 35.9

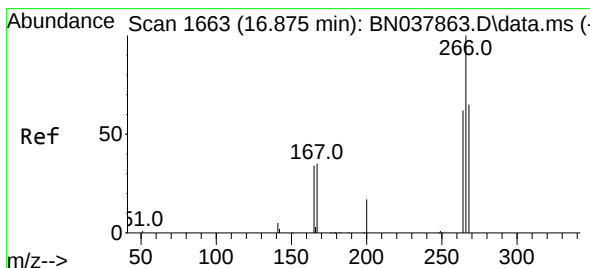
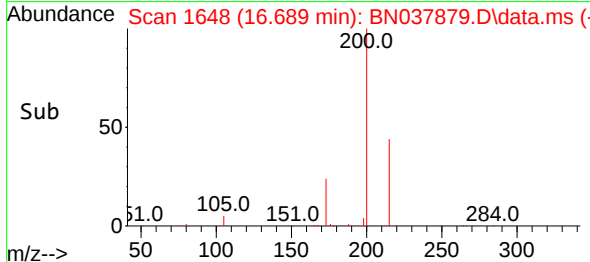
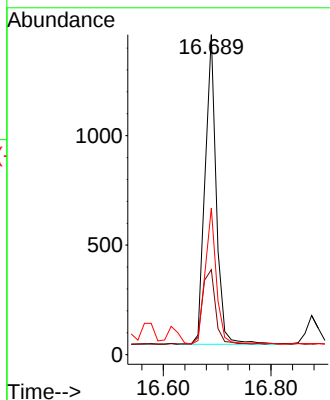
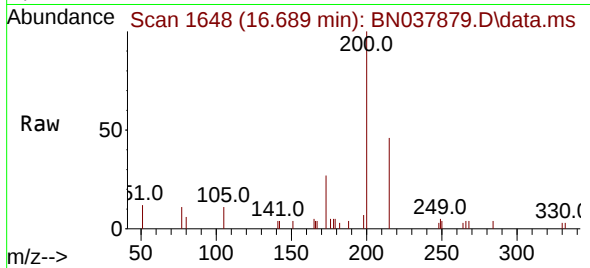




#23  
Atrazine  
Concen: 0.275 ng  
RT: 16.689 min Scan# 1648  
Delta R.T. -0.000 min  
Lab File: BN037879.D  
Acq: 24 Sep 2025 17:39

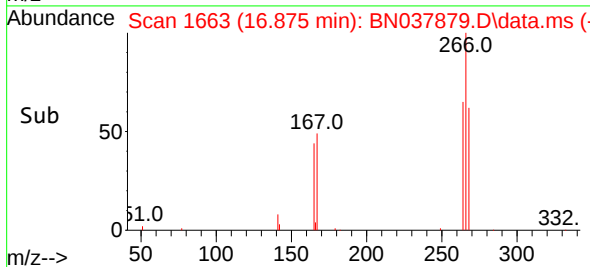
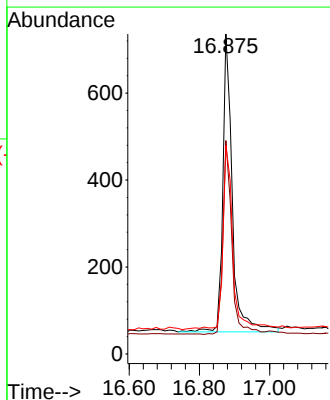
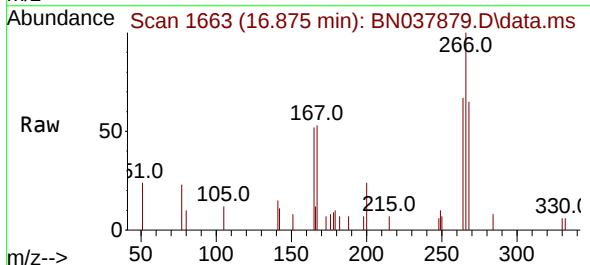
Instrument :  
BNA\_N  
ClientSampleId :  
PB169712BS

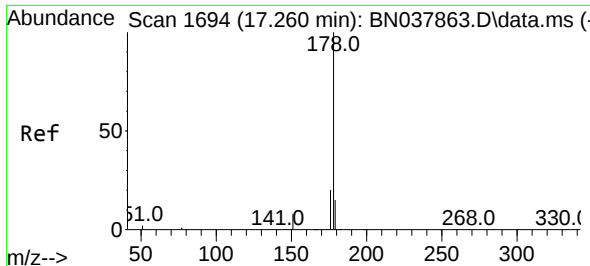
Tgt Ion:200 Resp: 2053  
Ion Ratio Lower Upper  
200 100  
173 26.6 18.3 27.5  
215 45.8 38.6 58.0



#24  
Pentachlorophenol  
Concen: 0.317 ng  
RT: 16.875 min Scan# 1663  
Delta R.T. 0.000 min  
Lab File: BN037879.D  
Acq: 24 Sep 2025 17:39

Tgt Ion:266 Resp: 1293  
Ion Ratio Lower Upper  
266 100  
264 61.1 50.9 76.3  
268 61.0 54.3 81.5

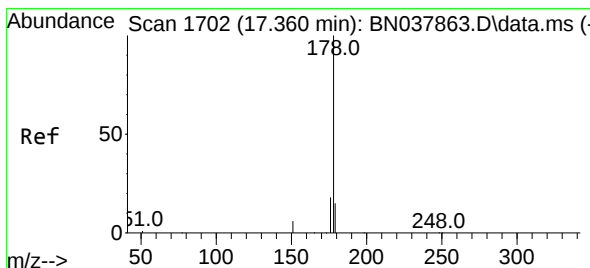
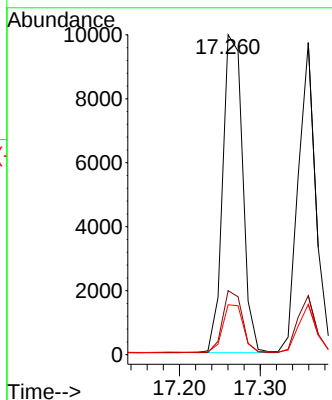
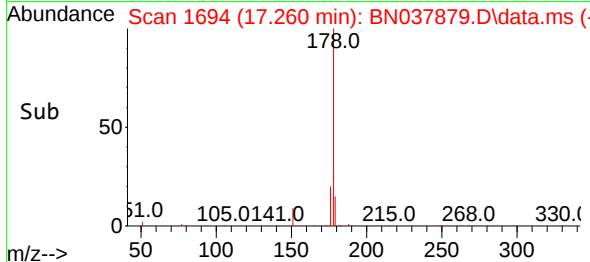
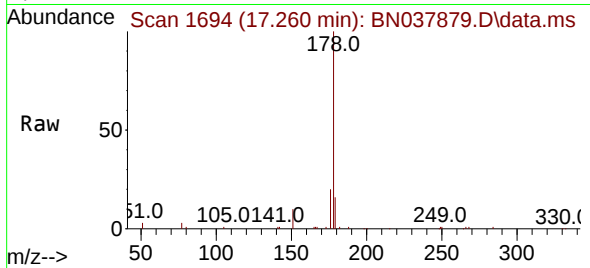




#25  
Phenanthrene  
Concen: 0.345 ng  
RT: 17.260 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: BN037879.D  
Acq: 24 Sep 2025 17:39

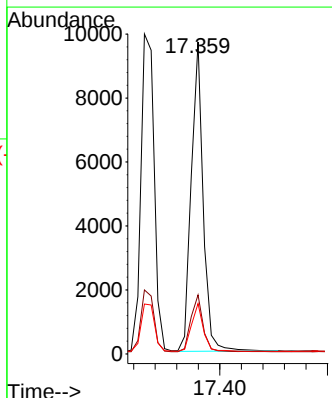
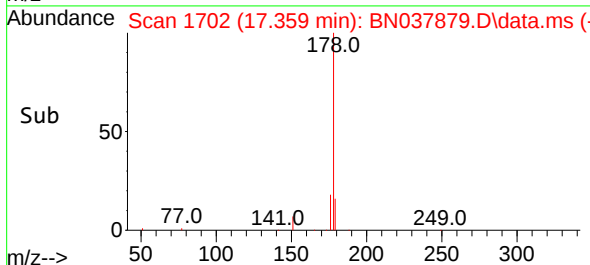
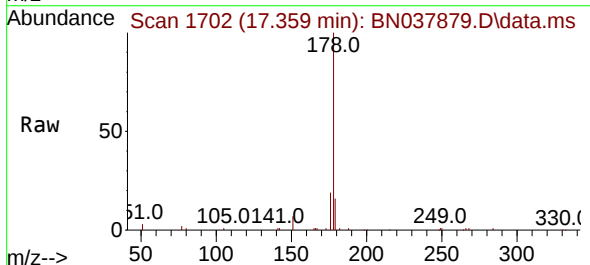
Instrument :  
BNA\_N  
ClientSampleId :  
PB169712BS

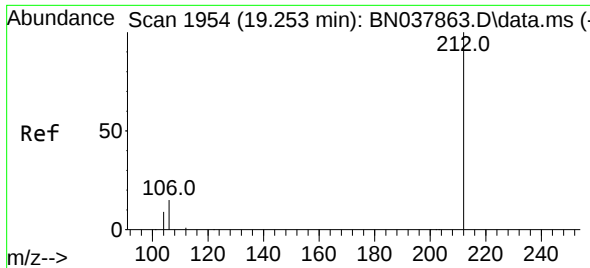
Tgt Ion:178 Resp: 17069  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.7 23.5  
179 15.6 12.3 18.5



#26  
Anthracene  
Concen: 0.345 ng  
RT: 17.359 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: BN037879.D  
Acq: 24 Sep 2025 17:39

Tgt Ion:178 Resp: 14843  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.0 22.4  
179 15.3 12.3 18.5

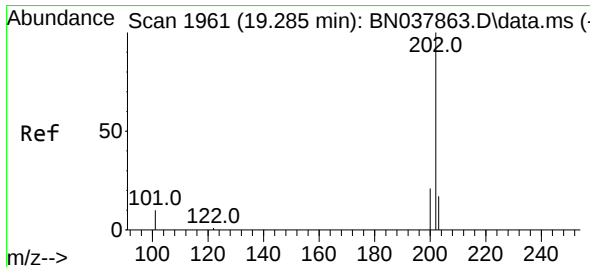
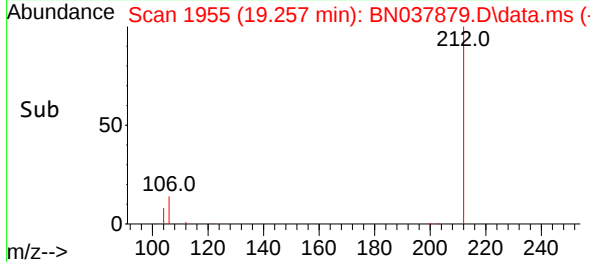
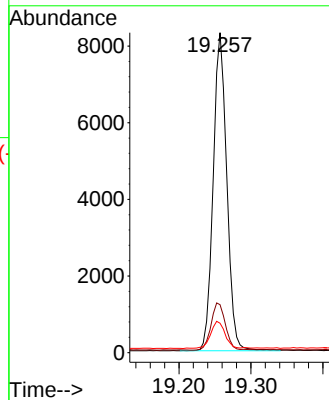
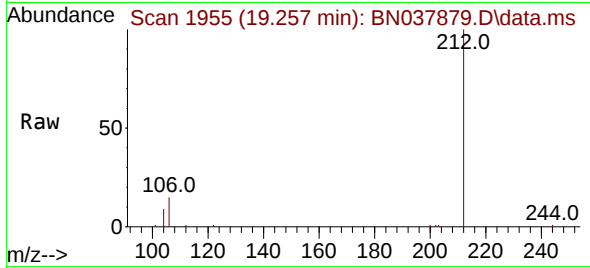




#27  
Fluoranthene-d10  
Concen: 0.287 ng  
RT: 19.257 min Scan# 1955  
Delta R.T. 0.004 min  
Lab File: BN037879.D  
Acq: 24 Sep 2025 17:39

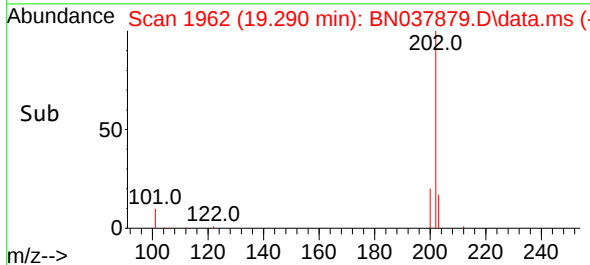
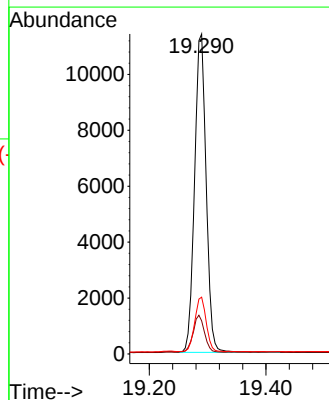
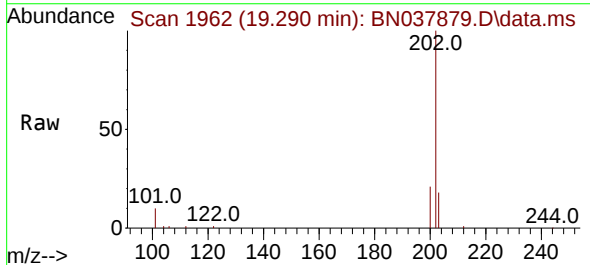
Instrument :  
BNA\_N  
ClientSampleId :  
PB169712BS

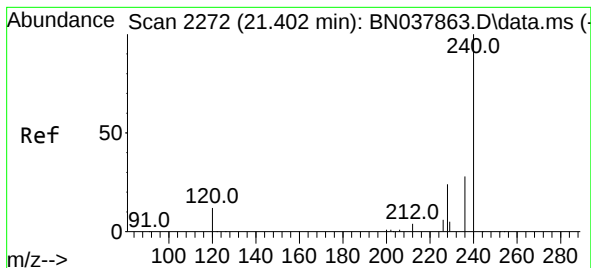
Tgt Ion:212 Resp: 10866  
Ion Ratio Lower Upper  
212 100  
106 15.6 12.6 19.0  
104 9.3 7.4 11.0



#28  
Fluoranthene  
Concen: 0.286 ng  
RT: 19.290 min Scan# 1962  
Delta R.T. 0.004 min  
Lab File: BN037879.D  
Acq: 24 Sep 2025 17:39

Tgt Ion:202 Resp: 15606  
Ion Ratio Lower Upper  
202 100  
101 11.7 9.3 13.9  
203 16.9 13.6 20.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.411 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN037879.D

Acq: 24 Sep 2025 17:39

Instrument :

BNA\_N

ClientSampleId :

PB169712BS

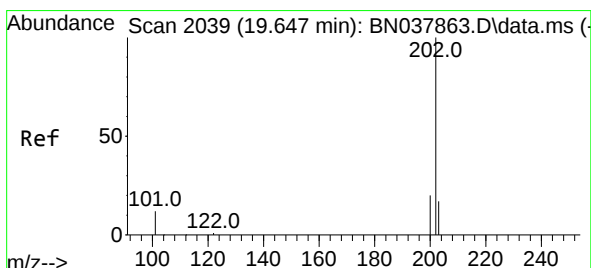
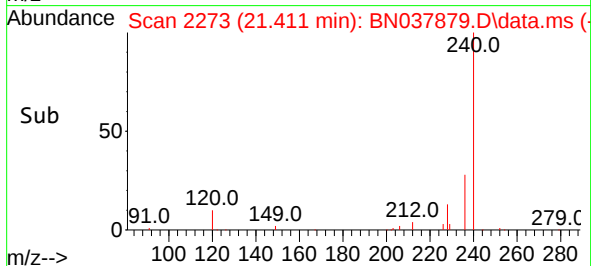
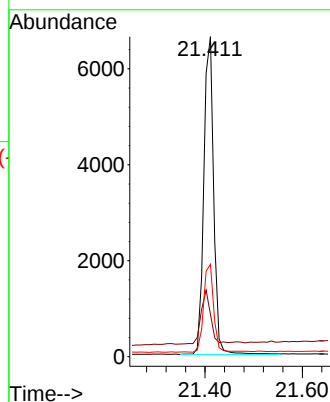
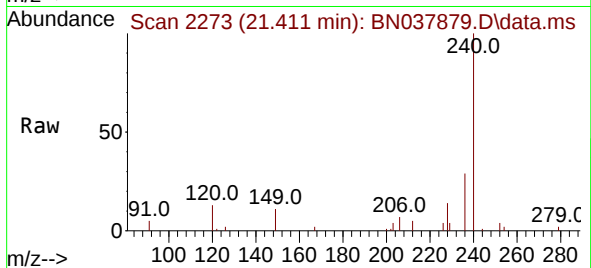
Tgt Ion:240 Resp: 9285

Ion Ratio Lower Upper

240 100

120 13.2 11.4 17.2

236 28.9 23.0 34.6



#30

Pyrene

Concen: 0.426 ng

RT: 19.647 min Scan# 2039

Delta R.T. -0.000 min

Lab File: BN037879.D

Acq: 24 Sep 2025 17:39

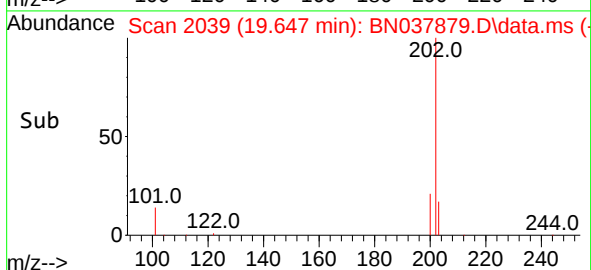
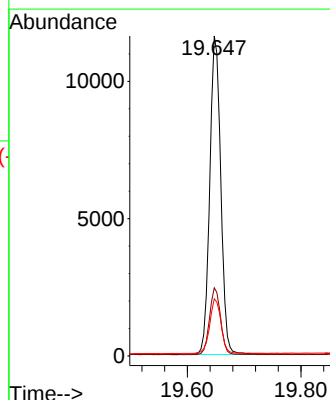
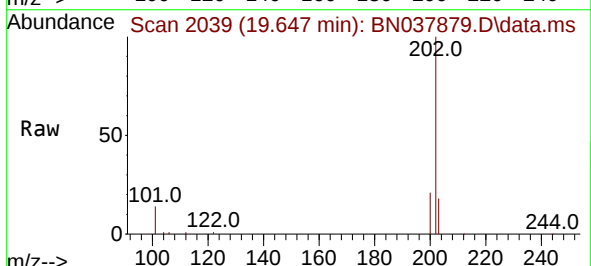
Tgt Ion:202 Resp: 15632

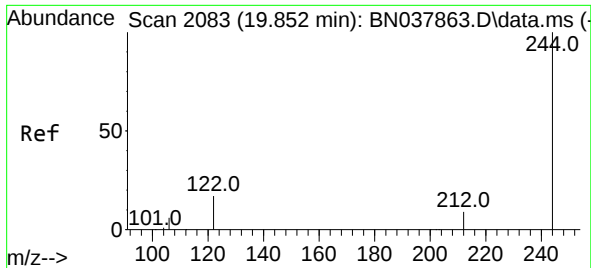
Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

203 17.8 14.2 21.4

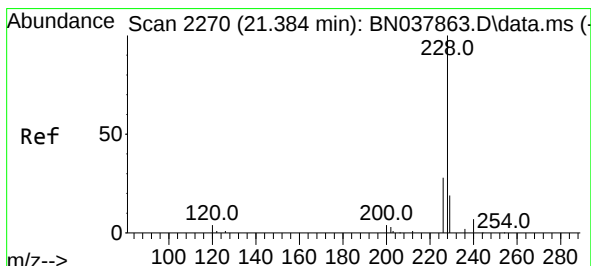
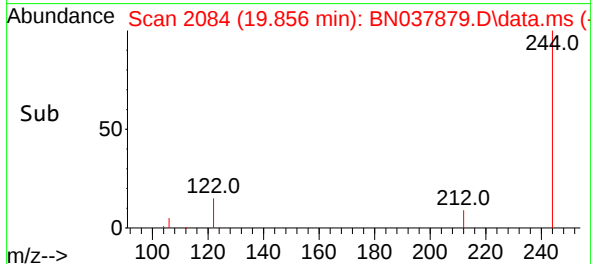
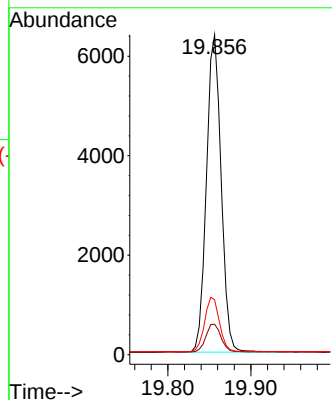
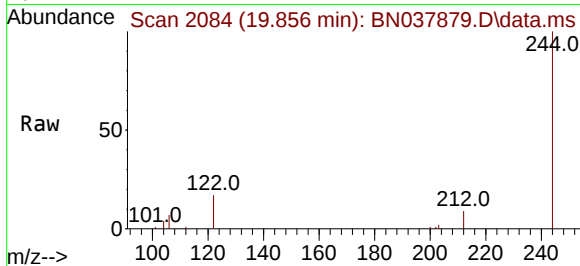




#31  
 Terphenyl-d14  
 Concen: 0.426 ng  
 RT: 19.856 min Scan# 2084  
 Delta R.T. 0.004 min  
 Lab File: BN037879.D  
 Acq: 24 Sep 2025 17:39

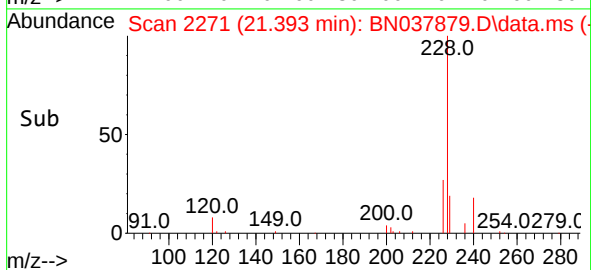
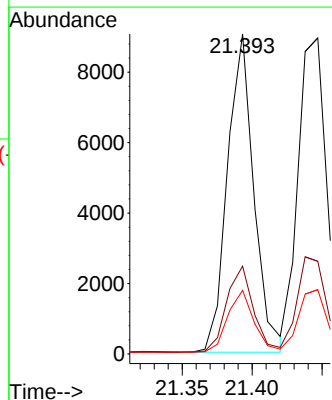
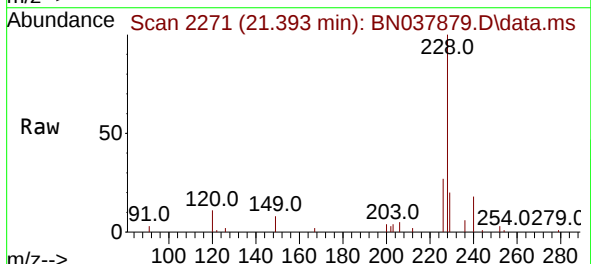
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB169712BS

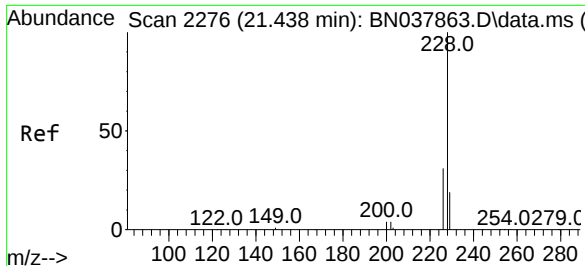
Tgt Ion:244 Resp: 7873  
 Ion Ratio Lower Upper  
 244 100  
 212 9.5 7.6 11.4  
 122 17.2 13.9 20.9



#32  
 Benzo(a)anthracene  
 Concen: 0.365 ng  
 RT: 21.393 min Scan# 2271  
 Delta R.T. 0.009 min  
 Lab File: BN037879.D  
 Acq: 24 Sep 2025 17:39

Tgt Ion:228 Resp: 11859  
 Ion Ratio Lower Upper  
 228 100  
 226 27.4 22.6 33.8  
 229 19.9 15.6 23.4





#33

Chrysene

Concen: 0.371 ng

RT: 21.447 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN037879.D

Acq: 24 Sep 2025 17:39

Instrument :

BNA\_N

ClientSampleId :

PB169712BS

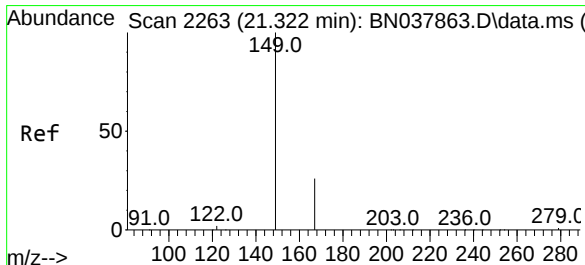
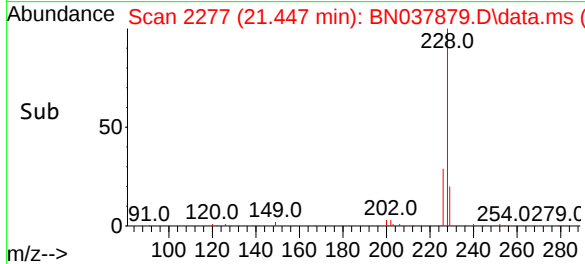
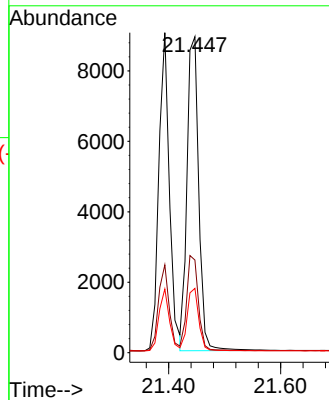
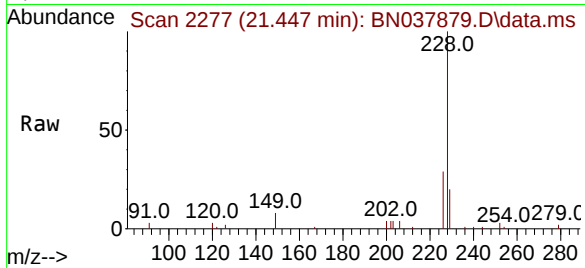
Tgt Ion:228 Resp: 13029

Ion Ratio Lower Upper

228 100

226 29.3 24.6 37.0

229 20.3 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.251 ng

RT: 21.330 min Scan# 2264

Delta R.T. 0.009 min

Lab File: BN037879.D

Acq: 24 Sep 2025 17:39

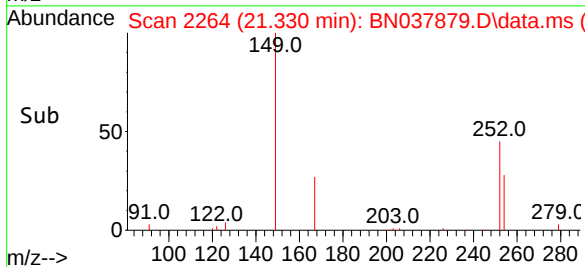
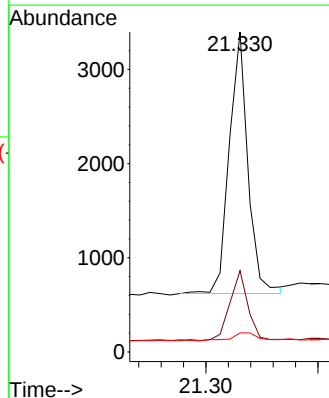
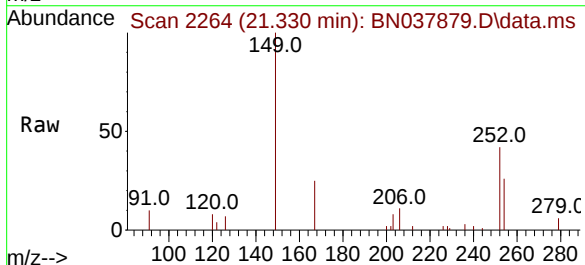
Tgt Ion:149 Resp: 3217

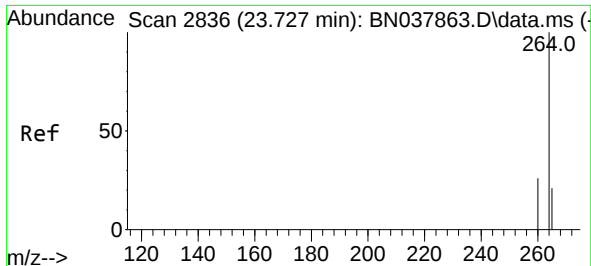
Ion Ratio Lower Upper

149 100

167 27.2 20.4 30.6

279 4.4 2.4 3.6#

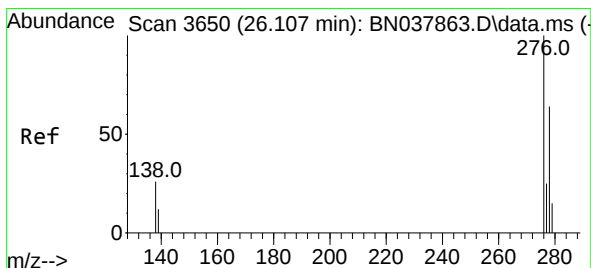
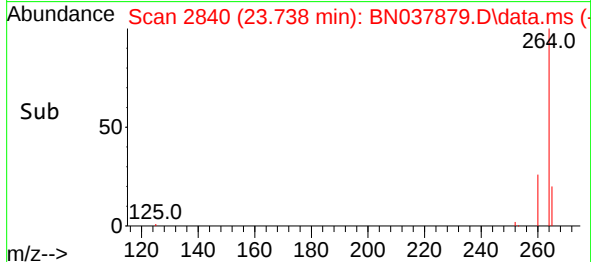
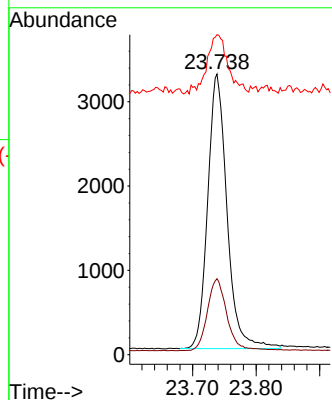
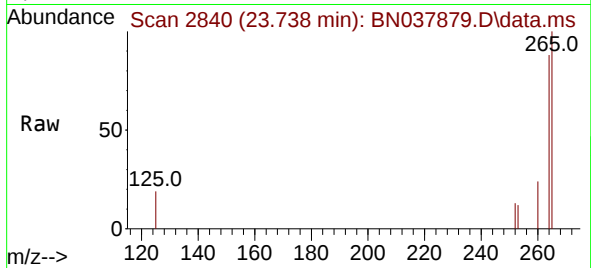




#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.738 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BN037879.D  
Acq: 24 Sep 2025 17:39

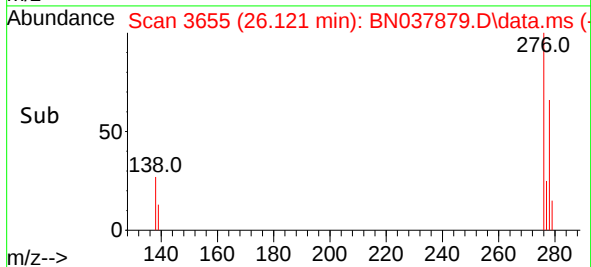
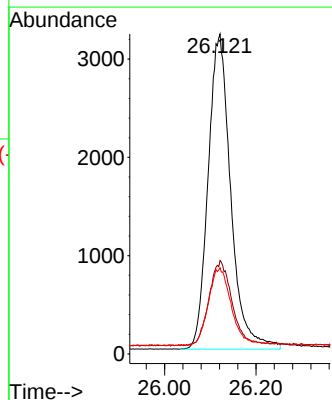
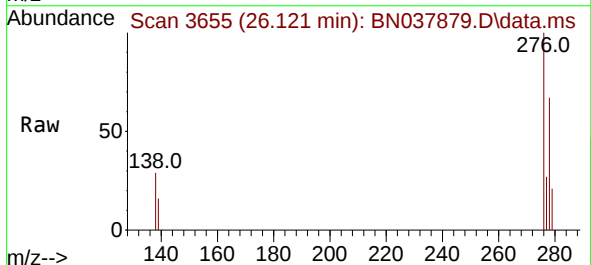
Instrument :  
BNA\_N  
ClientSampleId :  
PB169712BS

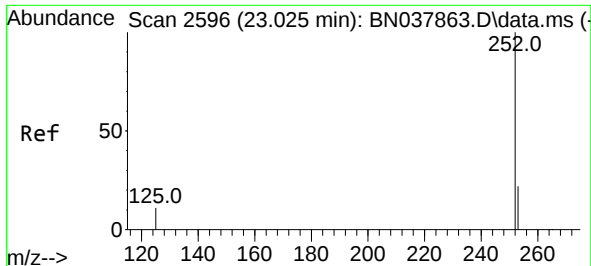
Tgt Ion:264 Resp: 6873  
Ion Ratio Lower Upper  
264 100  
260 27.1 21.5 32.3  
265 114.0 53.8 80.6#



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.351 ng  
RT: 26.121 min Scan# 3655  
Delta R.T. 0.014 min  
Lab File: BN037879.D  
Acq: 24 Sep 2025 17:39

Tgt Ion:276 Resp: 11026  
Ion Ratio Lower Upper  
276 100  
138 27.0 21.4 32.0  
277 24.5 20.3 30.5





#37

Benzo(b)fluoranthene

Concen: 0.384 ng

RT: 23.034 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN037879.D

Acq: 24 Sep 2025 17:39

Instrument :

BNA\_N

ClientSampleId :

PB169712BS

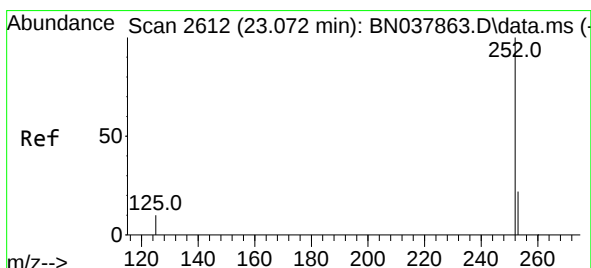
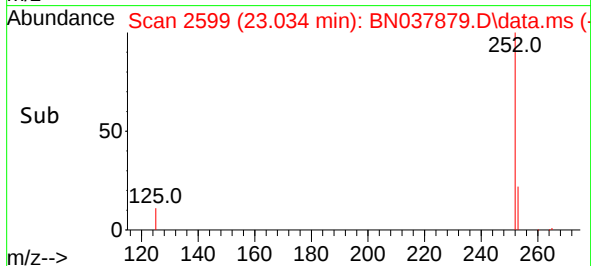
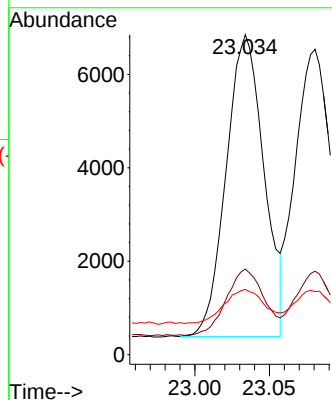
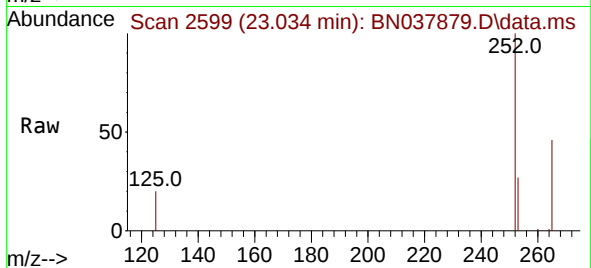
Tgt Ion:252 Resp: 11383

Ion Ratio Lower Upper

252 100

253 26.7 19.4 29.0

125 20.4 13.0 19.4#



#38

Benzo(k)fluoranthene

Concen: 0.363 ng

RT: 23.081 min Scan# 2615

Delta R.T. 0.009 min

Lab File: BN037879.D

Acq: 24 Sep 2025 17:39

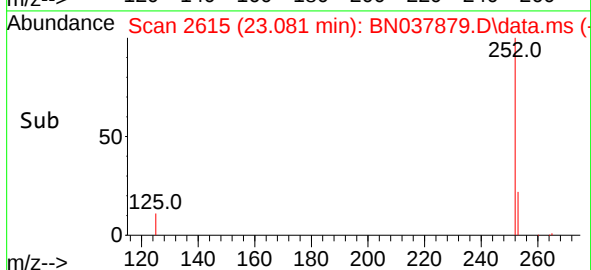
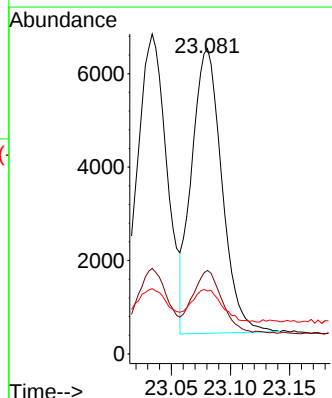
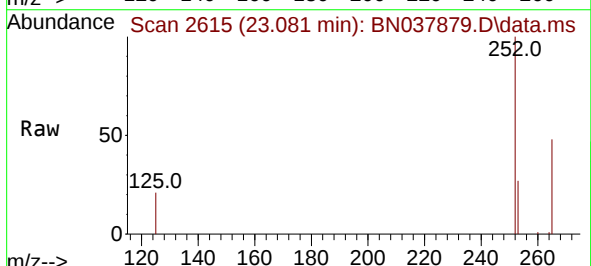
Tgt Ion:252 Resp: 10834

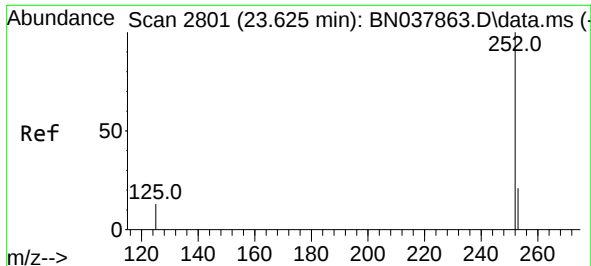
Ion Ratio Lower Upper

252 100

253 27.3 19.5 29.3

125 20.6 13.0 19.4#

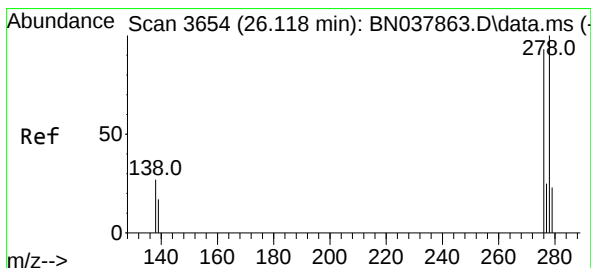
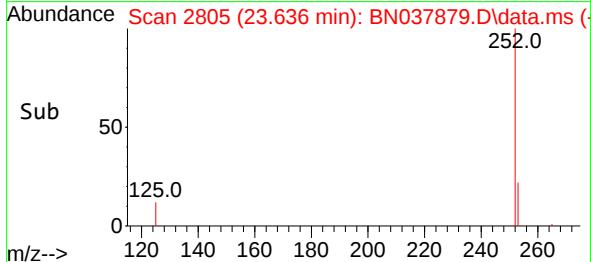
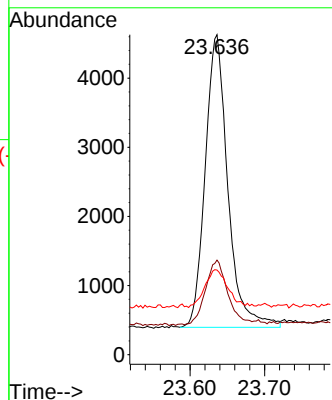
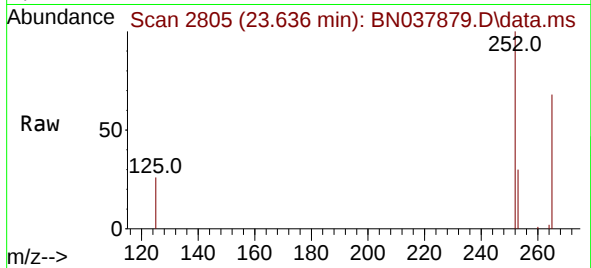




#39  
Benzo(a)pyrene  
Concen: 0.381 ng  
RT: 23.636 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BN037879.D  
Acq: 24 Sep 2025 17:39

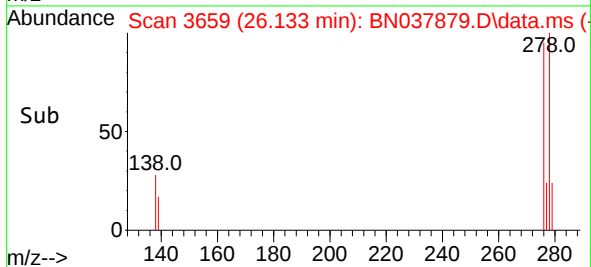
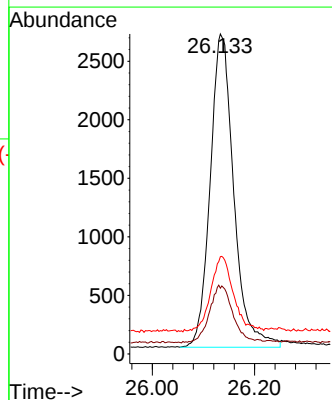
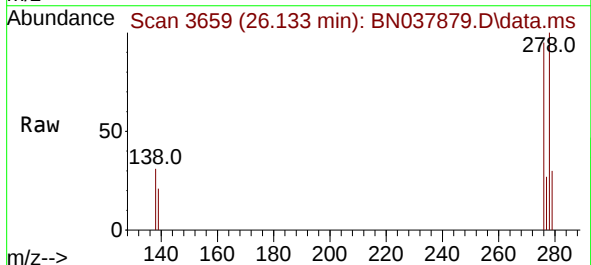
Instrument :  
BNA\_N  
ClientSampleId :  
PB169712BS

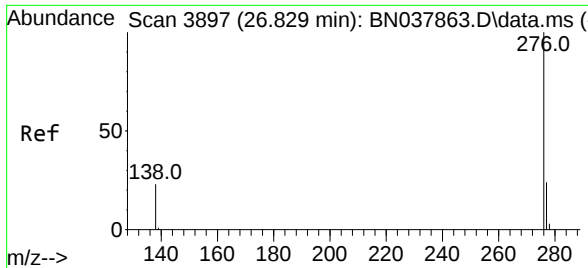
Tgt Ion:252 Resp: 8929  
Ion Ratio Lower Upper  
252 100  
253 29.5 20.6 30.8  
125 26.5 16.7 25.1#



#40  
Dibenzo(a,h)anthracene  
Concen: 0.349 ng  
RT: 26.133 min Scan# 3659  
Delta R.T. 0.014 min  
Lab File: BN037879.D  
Acq: 24 Sep 2025 17:39

Tgt Ion:278 Resp: 8564  
Ion Ratio Lower Upper  
278 100  
139 20.5 15.4 23.2  
279 30.4 20.8 31.2





#41  
Benzo(g,h,i)perylene  
Concen: 0.371 ng  
RT: 26.843 min Scan# 3902  
Delta R.T. 0.014 min  
Lab File: BN037879.D  
Acq: 24 Sep 2025 17:39

Instrument :  
BNA\_N  
ClientSampleId :  
PB169712BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 9560  |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 26.2  | 20.2  | 30.4  |
| 138      | 26.7  | 19.8  | 29.8  |

