

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121225\  
 Data File : BN038361.D  
 Acq On : 12 Dec 2025 22:10  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Dec 13 02:10:46 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN121025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 10 13:56:50 2025  
 Response via : Initial Calibration

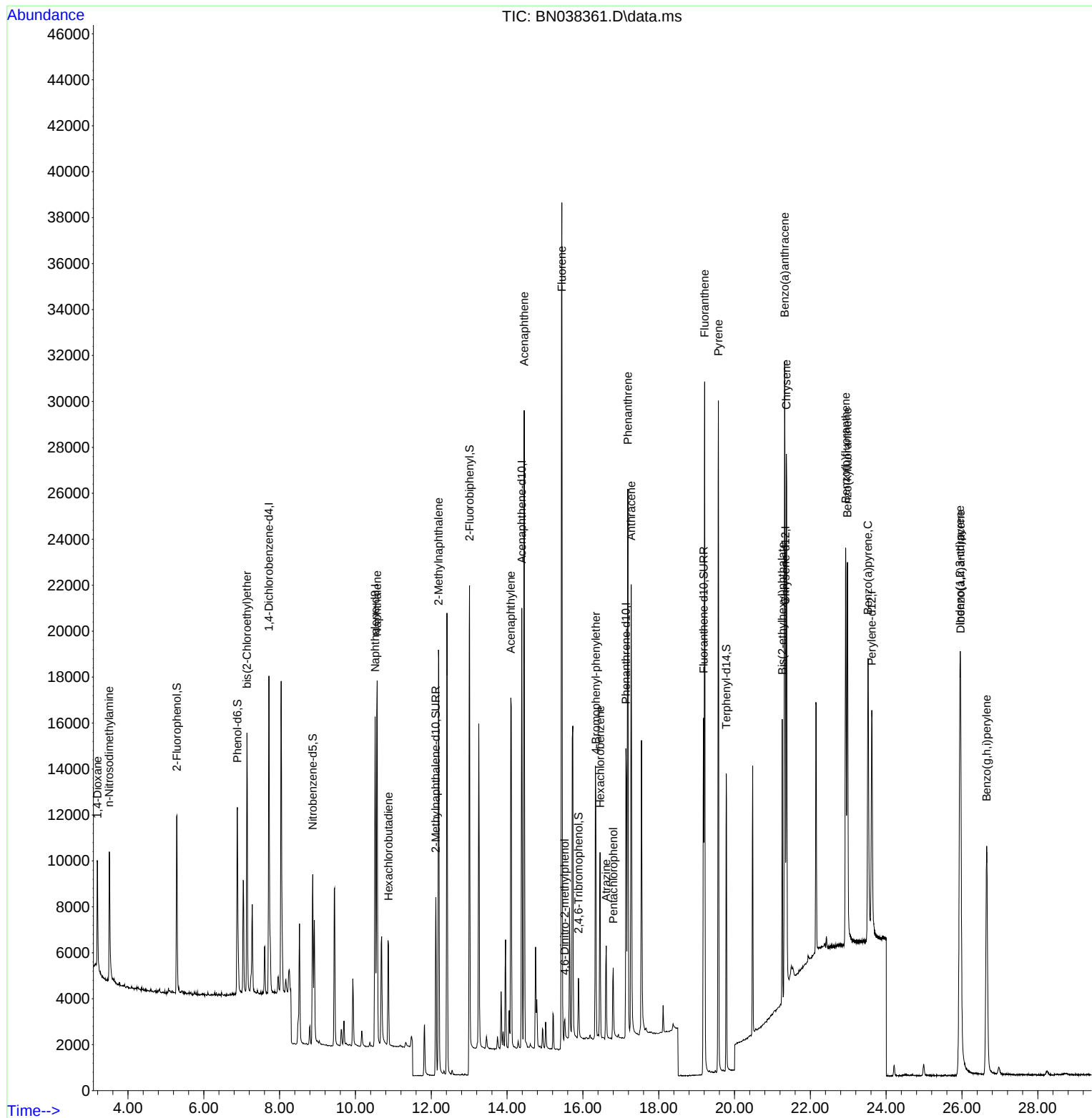
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.717  | 152  | 6876     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.519 | 136  | 18706    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.387 | 164  | 10171    | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.136 | 188  | 18646    | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.339 | 240  | 13125    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.621 | 264  | 13343    | 0.400 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.290  | 112  | 6827     | 0.399 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.886  | 99   | 8167     | 0.401 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.875  | 82   | 6144     | 0.389 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.121 | 152  | 10703    | 0.406 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.882 | 330  | 1589     | 0.352 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.008 | 172  | 21425    | 0.437 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.183 | 212  | 17618    | 0.382 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.782 | 244  | 12359    | 0.422 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.196  | 88   | 3174     | 0.403 | ng    | 99       |
| 3) n-Nitrosodimethylamine     | 3.506  | 42   | 3893     | 0.394 | ng    | 100      |
| 6) bis(2-Chloroethyl)ether    | 7.139  | 93   | 8304     | 0.417 | ng    | 98       |
| 9) Naphthalene                | 10.573 | 128  | 22015    | 0.398 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.872 | 225  | 3897     | 0.396 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.192 | 142  | 14287    | 0.407 | ng    | 100      |
| 16) Acenaphthylene            | 14.099 | 152  | 18945    | 0.379 | ng    | 99       |
| 17) Acenaphthene              | 14.452 | 154  | 13303    | 0.382 | ng    | 99       |
| 18) Fluorene                  | 15.446 | 166  | 17465    | 0.390 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.522 | 198  | 619      | 0.202 | ng    | # 79     |
| 21) 4-Bromophenyl-phenylether | 16.342 | 248  | 5353     | 0.387 | ng    | # 89     |
| 22) Hexachlorobenzene         | 16.453 | 284  | 6496     | 0.391 | ng    | 100      |
| 23) Atrazine                  | 16.615 | 200  | 3592     | 0.381 | ng    | 97       |
| 24) Pentachlorophenol         | 16.801 | 266  | 1791     | 0.276 | ng    | 98       |
| 25) Phenanthrene              | 17.186 | 178  | 25212    | 0.388 | ng    | 100      |
| 26) Anthracene                | 17.273 | 178  | 21552    | 0.385 | ng    | 99       |
| 28) Fluoranthene              | 19.211 | 202  | 26327    | 0.382 | ng    | 100      |
| 30) Pyrene                    | 19.573 | 202  | 26294    | 0.407 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.322 | 228  | 20031    | 0.395 | ng    | 98       |
| 33) Chrysene                  | 21.366 | 228  | 22033    | 0.395 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.259 | 149  | 10127    | 0.364 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.946 | 276  | 25831    | 0.365 | ng    | 97       |
| 37) Benzo(b)fluoranthene      | 22.932 | 252  | 22336    | 0.364 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 22.978 | 252  | 22462    | 0.368 | ng    | 98       |
| 39) Benzo(a)pyrene            | 23.519 | 252  | 18663    | 0.372 | ng    | 98       |
| 40) Dibenzo(a,h)anthracene    | 25.963 | 278  | 20094    | 0.368 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 26.650 | 276  | 21380    | 0.350 | ng    | 99       |

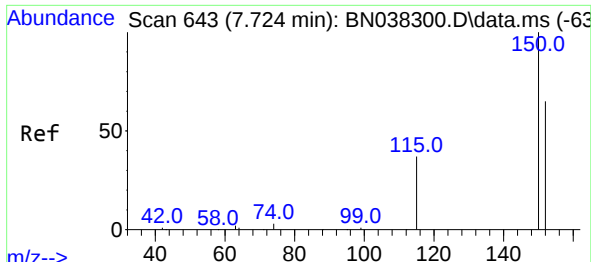
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121225\  
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QLast Update : Wed Dec 10 13:56:50 2025  
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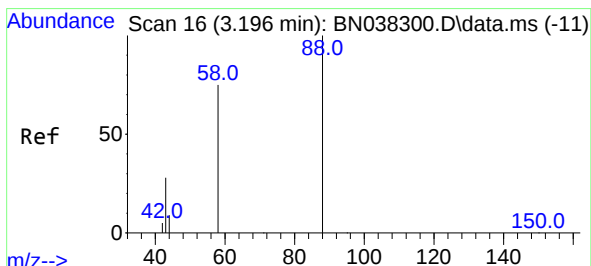
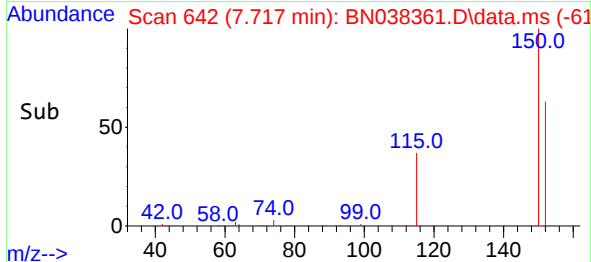
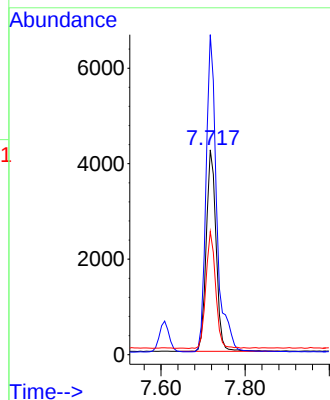
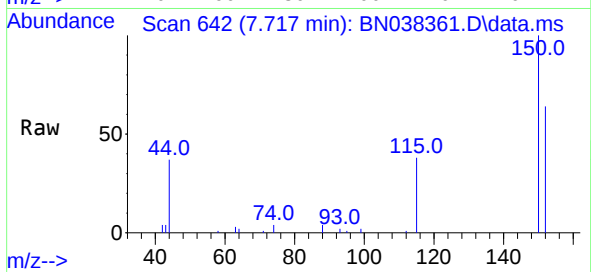




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.717 min Scan# 64  
Delta R.T. -0.007 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

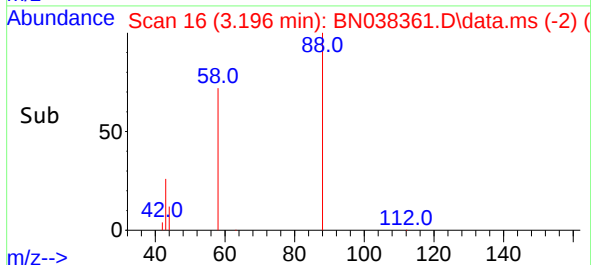
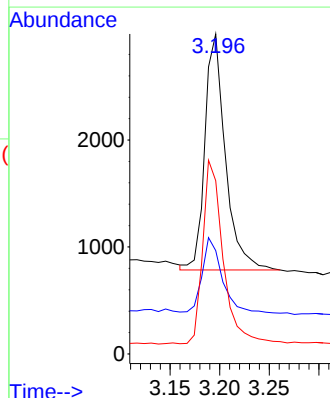
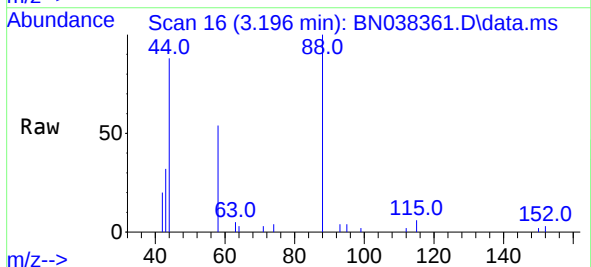
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

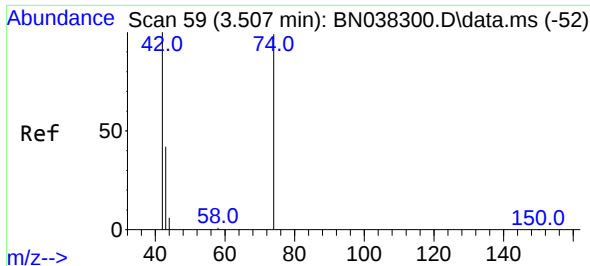
Tgt Ion:152 Resp: 6876  
Ion Ratio Lower Upper  
152 100  
150 156.3 122.4 183.6  
115 60.1 47.3 70.9



#2  
1,4-Dioxane  
Concen: 0.403 ng  
RT: 3.196 min Scan# 16  
Delta R.T. -0.000 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

Tgt Ion: 88 Resp: 3174  
Ion Ratio Lower Upper  
88 100  
43 31.2 24.9 37.3  
58 77.8 61.4 92.0



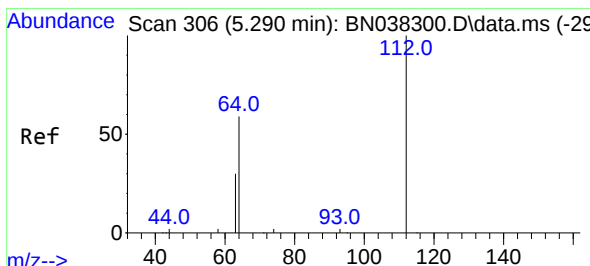
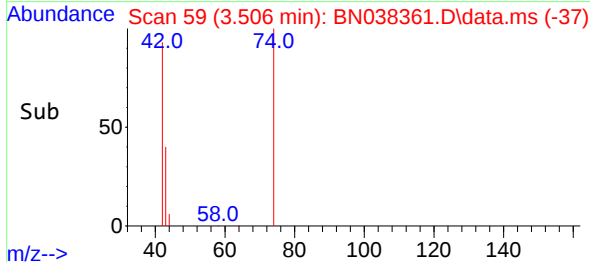
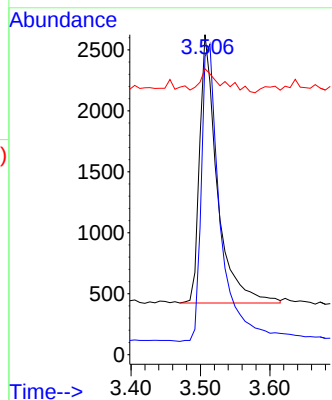
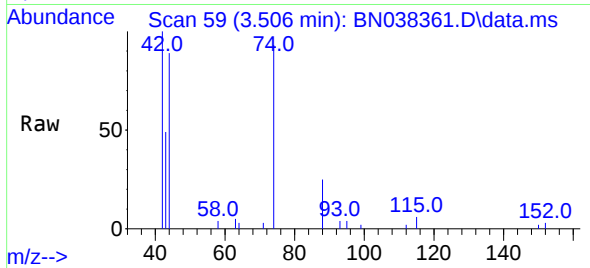


#3  
 n-Nitrosodimethylamine  
 Concen: 0.394 ng  
 RT: 3.506 min Scan# 59  
 Delta R.T. 0.007 min  
 Lab File: BN038361.D  
 Acq: 12 Dec 2025 22:10

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Tgt Ion: 42 Resp: 3893

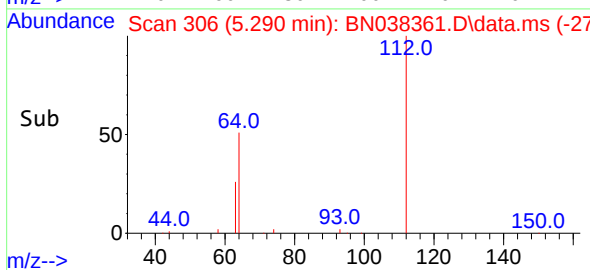
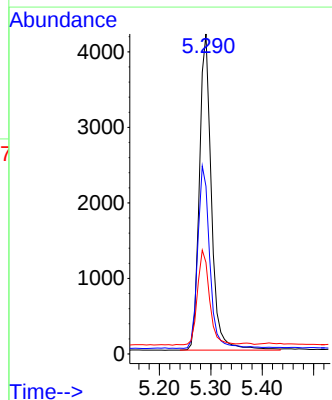
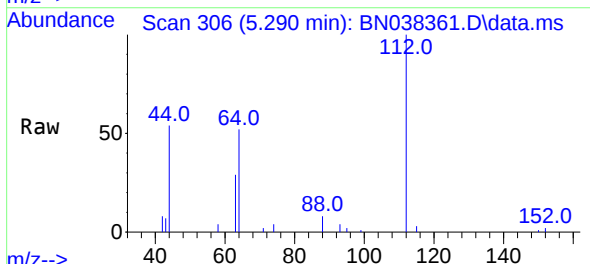
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 119.3 | 95.3  | 142.9 |
| 44  | 10.6  | 7.9   | 11.9  |

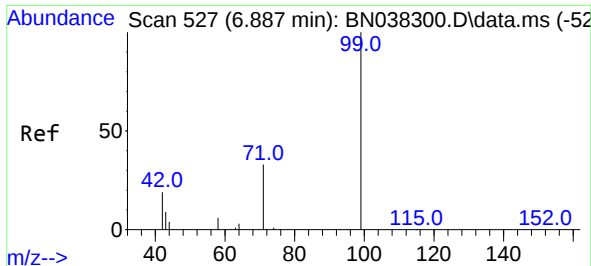


#4  
 2-Fluorophenol  
 Concen: 0.399 ng  
 RT: 5.290 min Scan# 306  
 Delta R.T. -0.000 min  
 Lab File: BN038361.D  
 Acq: 12 Dec 2025 22:10

Tgt Ion: 112 Resp: 6827

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 57.6  | 44.4  | 66.6  |
| 63  | 30.1  | 23.4  | 35.0  |



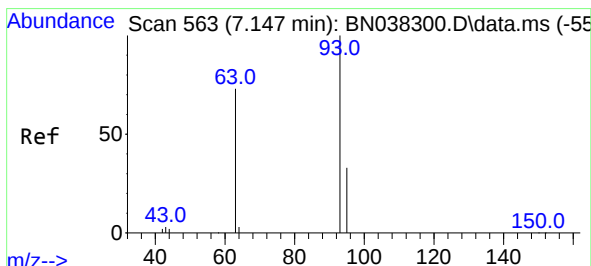
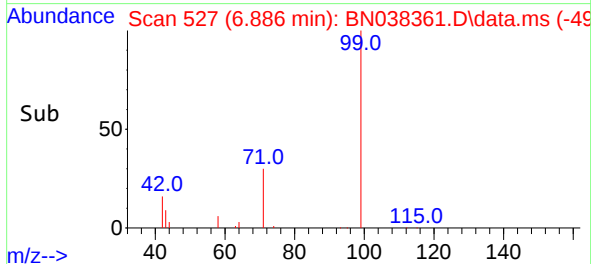
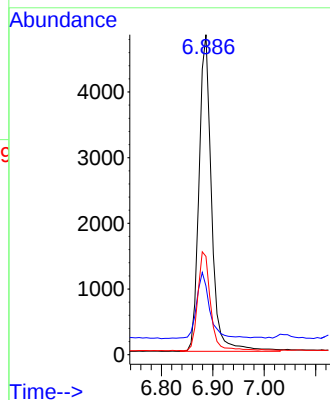
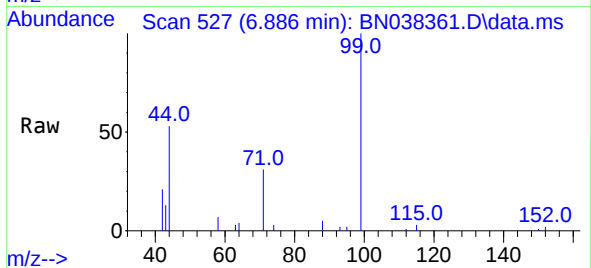


#5  
Phenol-d6  
Concen: 0.401 ng  
RT: 6.886 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion: 99 Resp: 8167

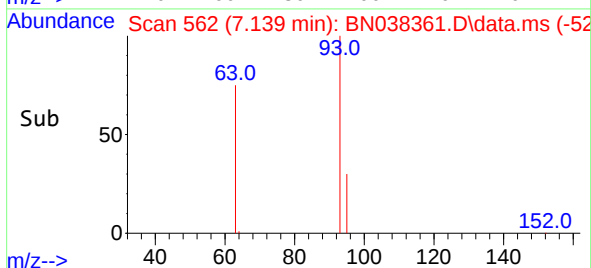
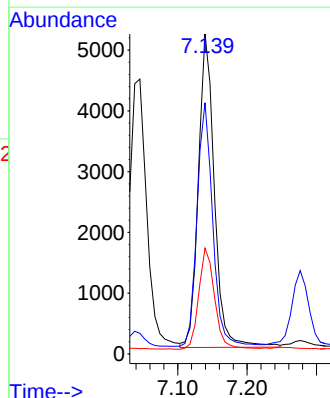
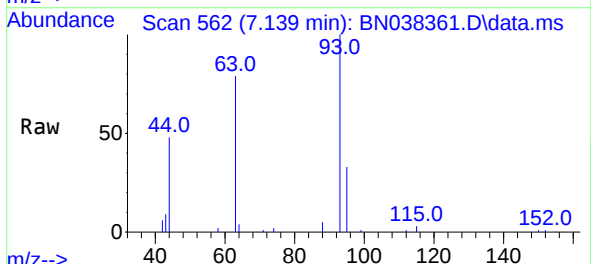
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 21.7  | 16.5  | 24.7  |
| 71  | 31.8  | 24.9  | 37.3  |

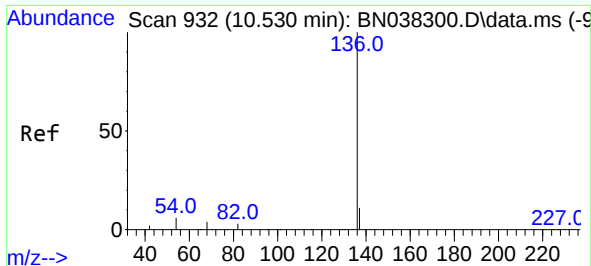


#6  
bis(2-Chloroethyl)ether  
Concen: 0.417 ng  
RT: 7.139 min Scan# 562  
Delta R.T. -0.007 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

Tgt Ion: 93 Resp: 8304

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 75.6  | 59.2  | 88.8  |
| 95  | 31.9  | 25.2  | 37.8  |

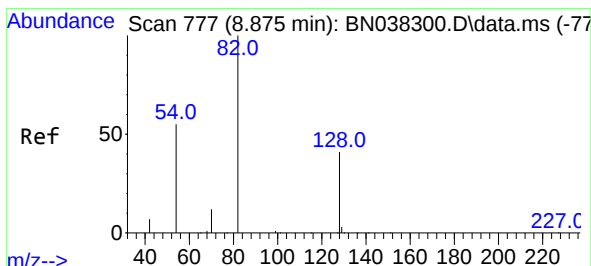
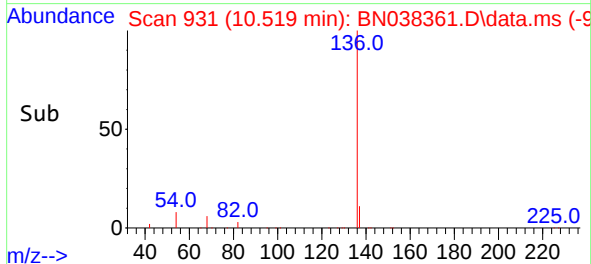
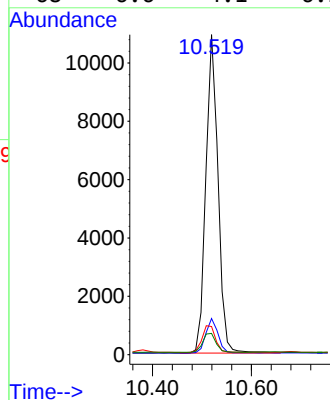
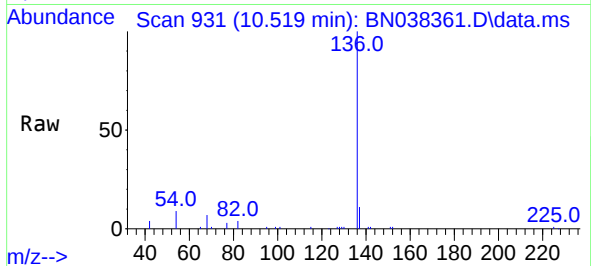




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.519 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

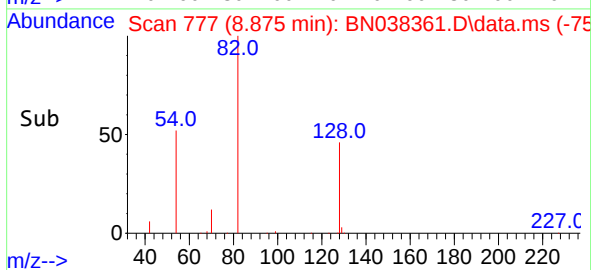
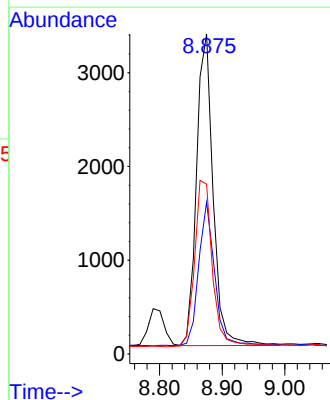
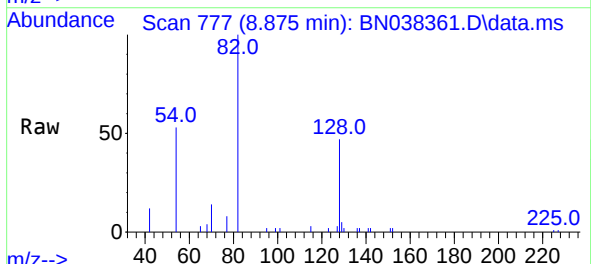
Instrument :  
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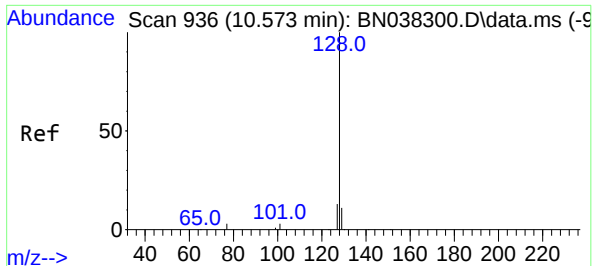
Tgt Ion:136 Resp: 18706  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.1 13.7  
54 8.8 5.2 7.8#  
68 6.6 4.1 6.1#



#8  
Nitrobenzene-d5  
Concen: 0.389 ng  
RT: 8.875 min Scan# 777  
Delta R.T. -0.000 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

Tgt Ion: 82 Resp: 6144  
Ion Ratio Lower Upper  
82 100  
128 47.5 34.0 51.0  
54 53.0 44.4 66.6

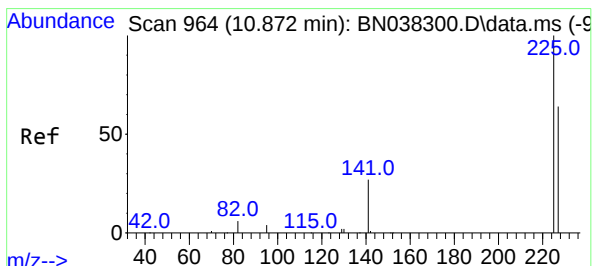
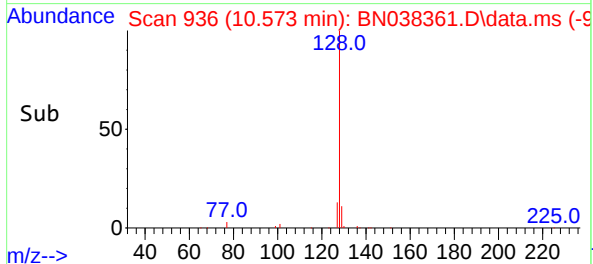
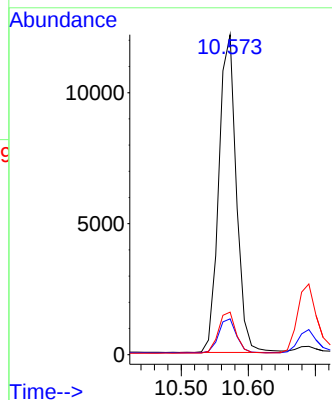
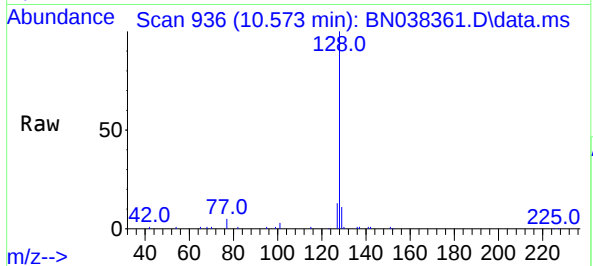




#9  
Naphthalene  
Concen: 0.398 ng  
RT: 10.573 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

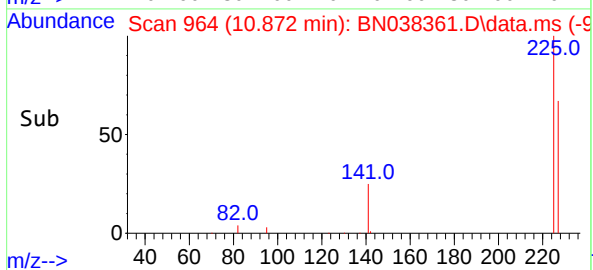
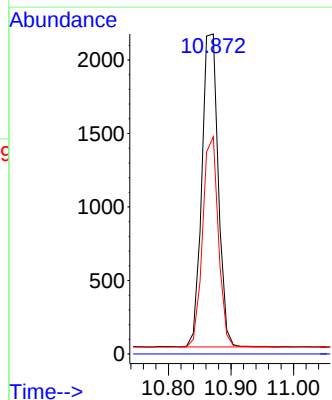
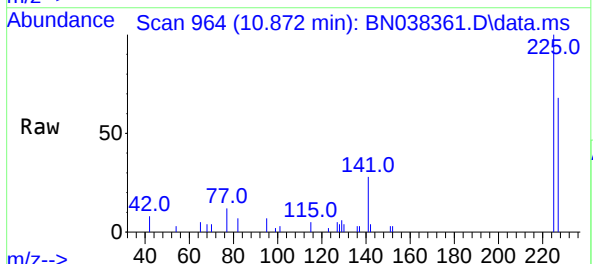
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

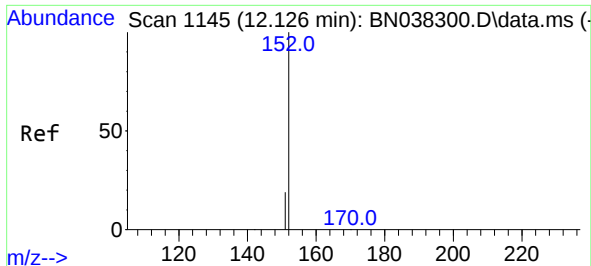
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|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 22015 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 11.2  | 9.1   | 13.7  |
| 127      | 13.3  | 10.9  | 16.3  |



#10  
Hexachlorobutadiene  
Concen: 0.396 ng  
RT: 10.872 min Scan# 964  
Delta R.T. -0.000 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 3897  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 64.6  | 51.2  | 76.8  |

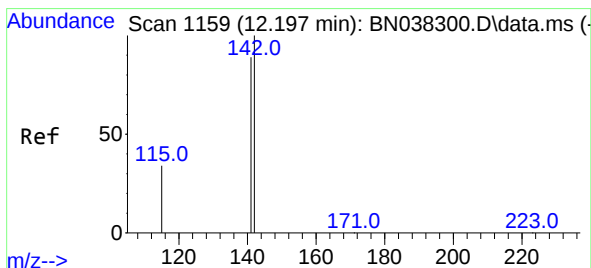
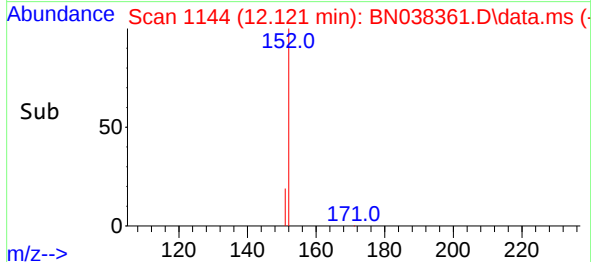
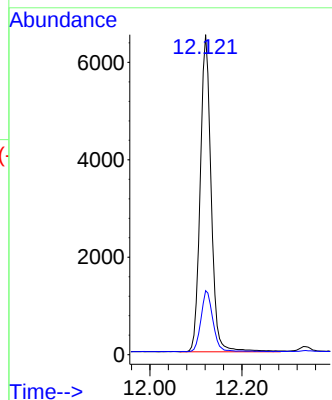
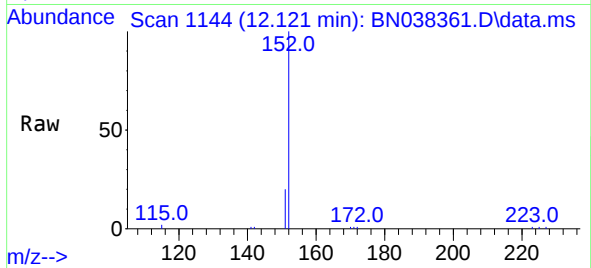




#11  
2-Methylnaphthalene-d10  
Concen: 0.406 ng  
RT: 12.121 min Scan# 1144  
Delta R.T. -0.005 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

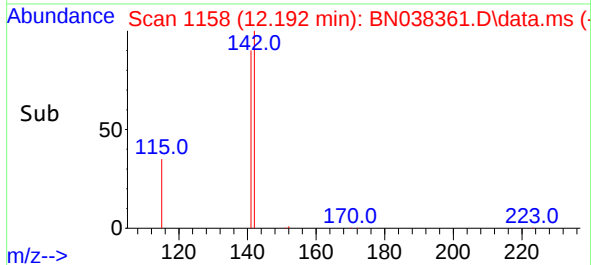
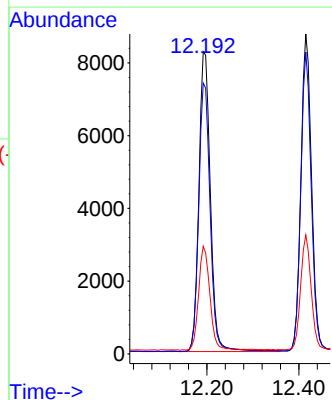
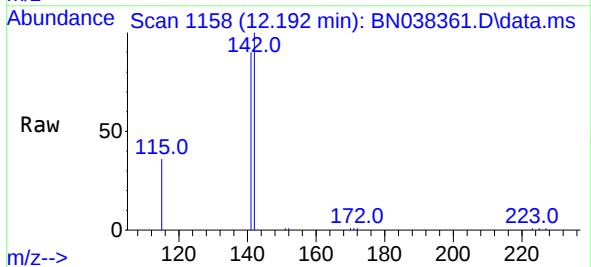
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BNA\_N  
ClientSampleId :  
SSTDCCC0.4

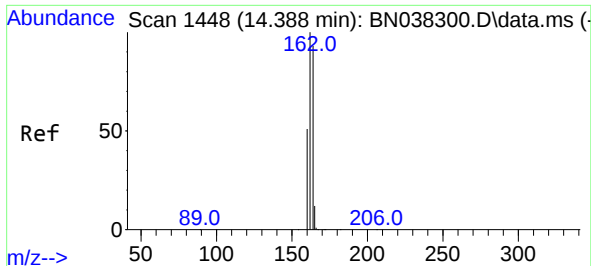
Tgt Ion:152 Resp: 10703  
Ion Ratio Lower Upper  
152 100  
151 20.7 17.0 25.6



#12  
2-Methylnaphthalene  
Concen: 0.407 ng  
RT: 12.192 min Scan# 1158  
Delta R.T. -0.010 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

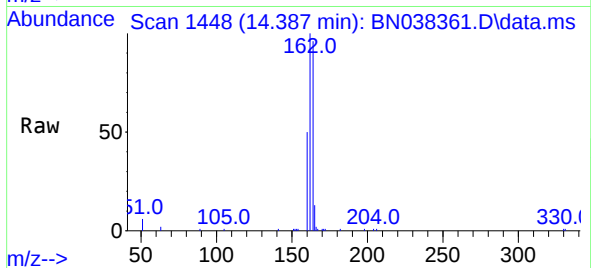
Tgt Ion:142 Resp: 14287  
Ion Ratio Lower Upper  
142 100  
141 89.6 71.4 107.2  
115 35.6 28.4 42.6



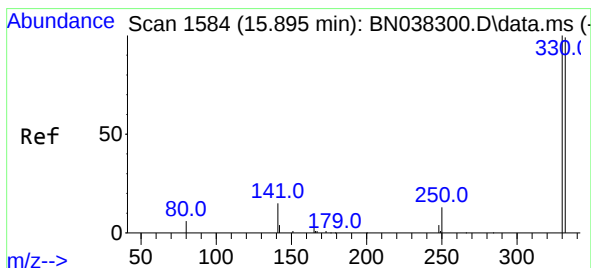
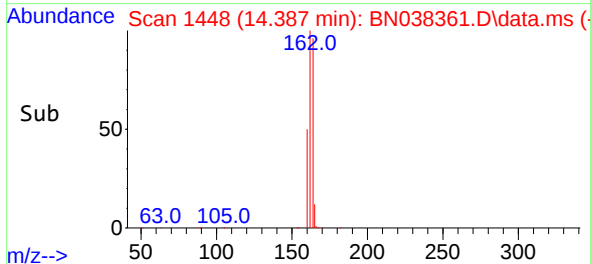
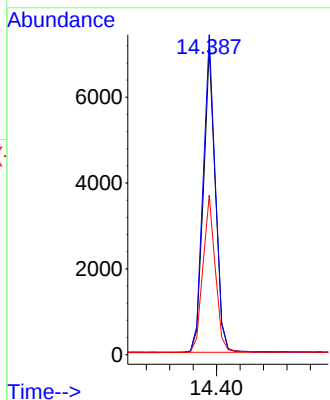


#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.387 min Scan# 1448  
Delta R.T. -0.011 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

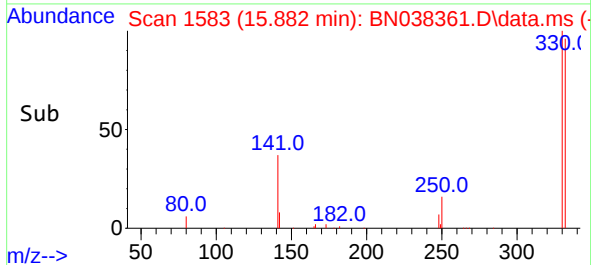
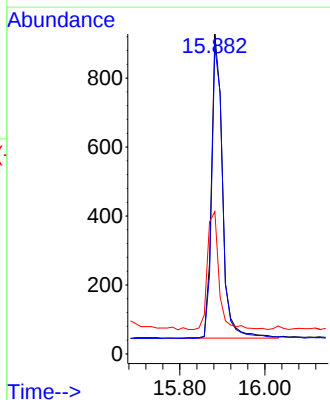
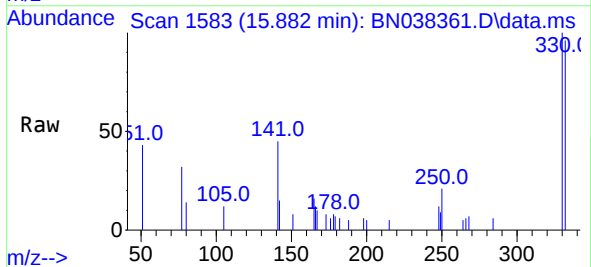


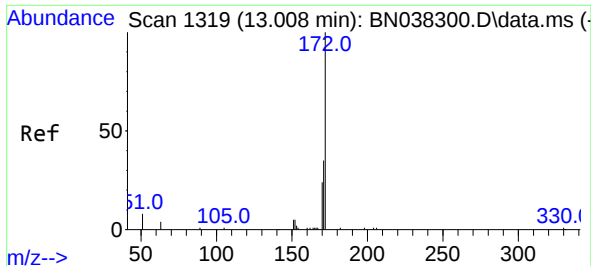
Tgt Ion:164 Resp: 10171  
Ion Ratio Lower Upper  
164 100  
162 104.5 86.2 129.4  
160 52.1 44.6 67.0



#14  
2,4,6-Tribromophenol  
Concen: 0.352 ng  
RT: 15.882 min Scan# 1583  
Delta R.T. -0.012 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

Tgt Ion:330 Resp: 1589  
Ion Ratio Lower Upper  
330 100  
332 96.2 75.8 113.6  
141 40.5 31.8 47.8

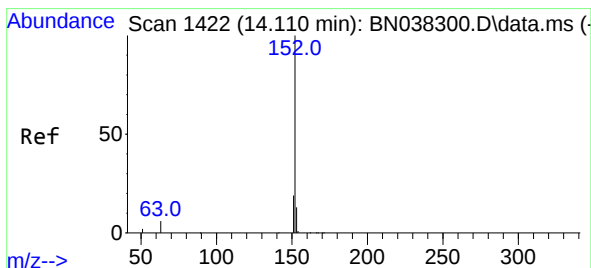
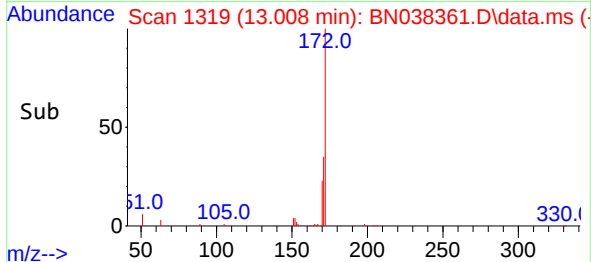
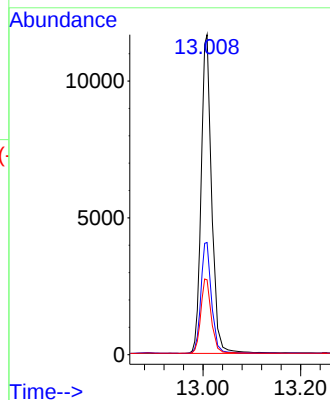
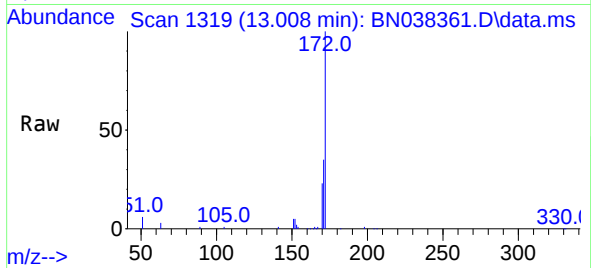




#15  
2-Fluorobiphenyl  
Concen: 0.437 ng  
RT: 13.008 min Scan# 1319  
Delta R.T. -0.000 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

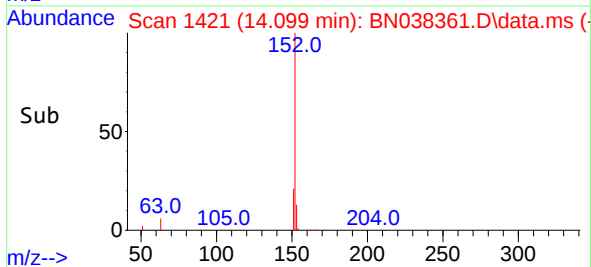
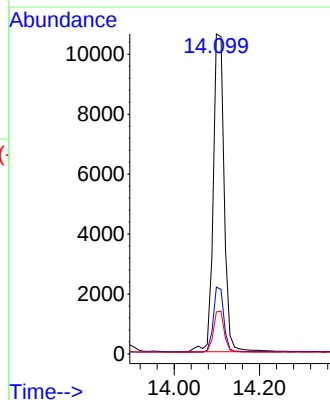
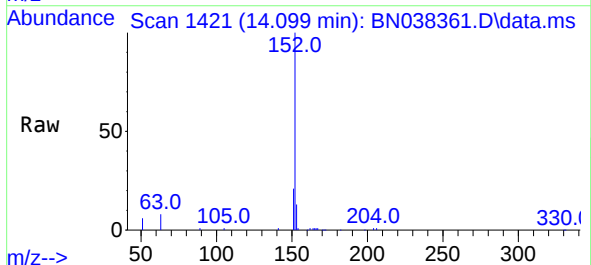
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

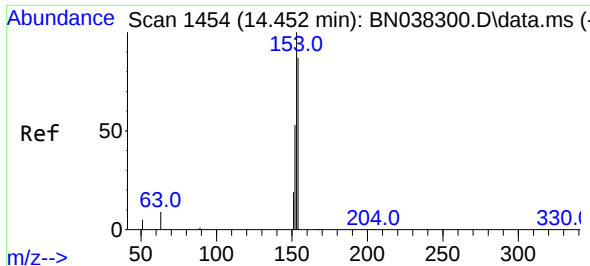
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 21425 |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 35.1  | 28.6  | 42.8  |
| 170      | 23.4  | 19.3  | 28.9  |



#16  
Acenaphthylene  
Concen: 0.379 ng  
RT: 14.099 min Scan# 1421  
Delta R.T. -0.011 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

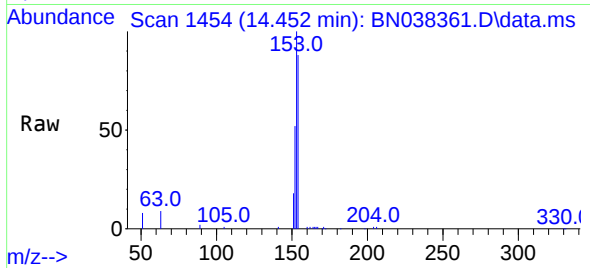
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 18945 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 20.0  | 15.4  | 23.2  |
| 153      | 12.9  | 10.2  | 15.4  |



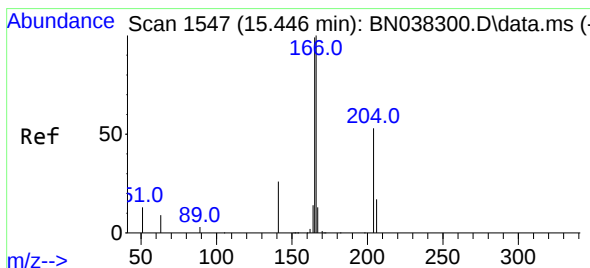
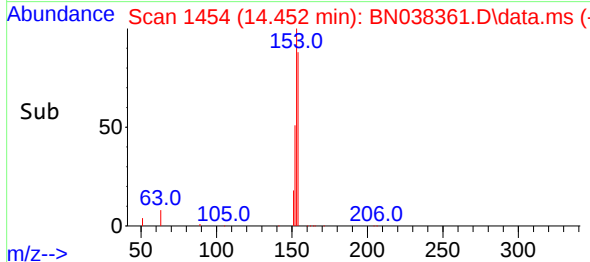
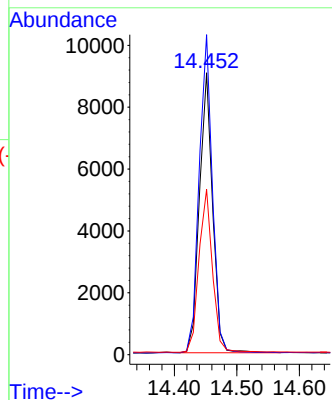


#17  
Acenaphthene  
Concen: 0.382 ng  
RT: 14.452 min Scan# 1454  
Delta R.T. -0.011 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

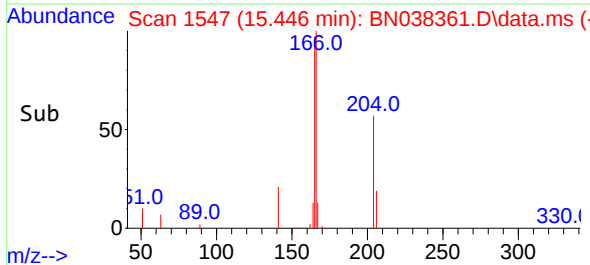
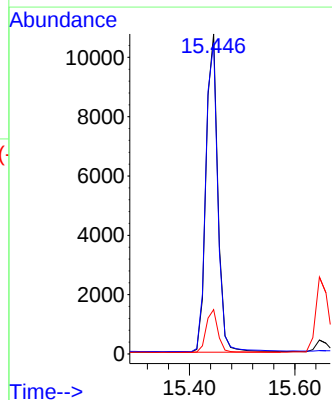
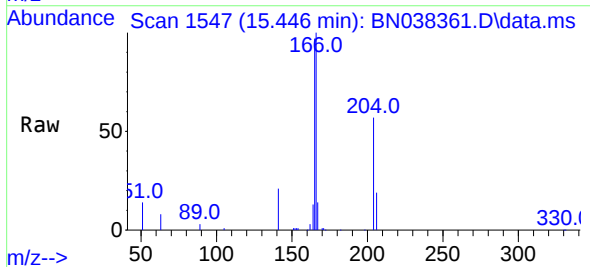


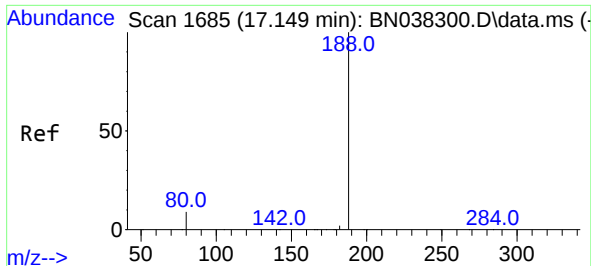
Tgt Ion:154 Resp: 13303  
Ion Ratio Lower Upper  
154 100  
153 114.2 89.8 134.8  
152 59.7 47.5 71.3



#18  
Fluorene  
Concen: 0.390 ng  
RT: 15.446 min Scan# 1547  
Delta R.T. -0.000 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

Tgt Ion:166 Resp: 17465  
Ion Ratio Lower Upper  
166 100  
165 99.1 80.2 120.4  
167 13.4 10.6 16.0

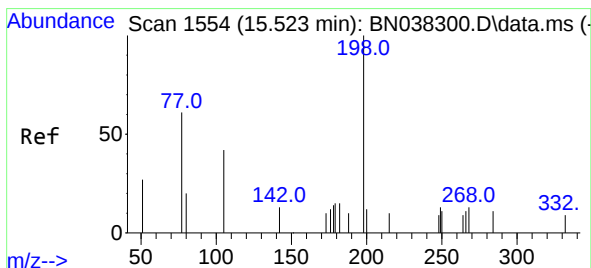
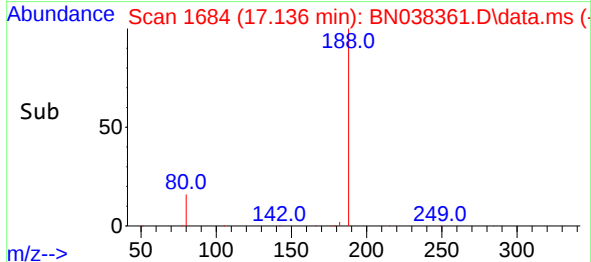
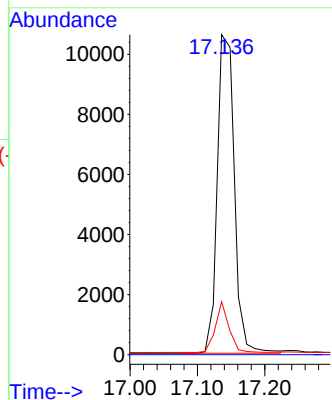
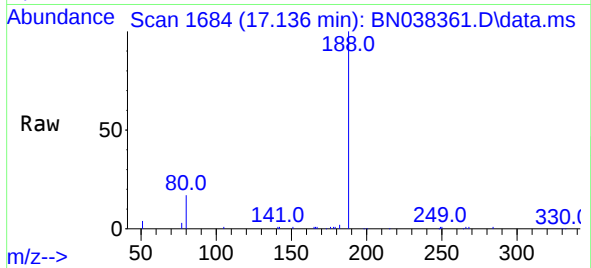




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.136 min Scan# 1684  
Delta R.T. -0.012 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

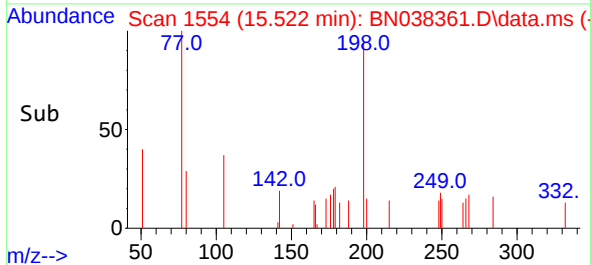
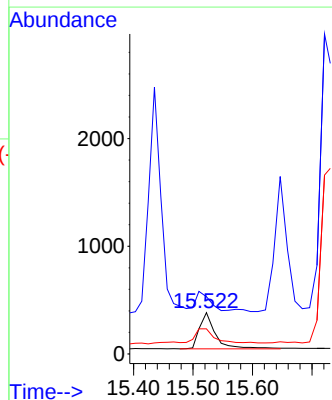
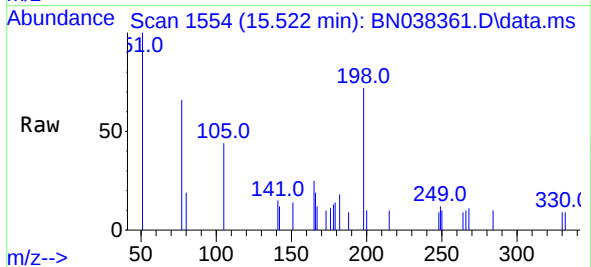
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

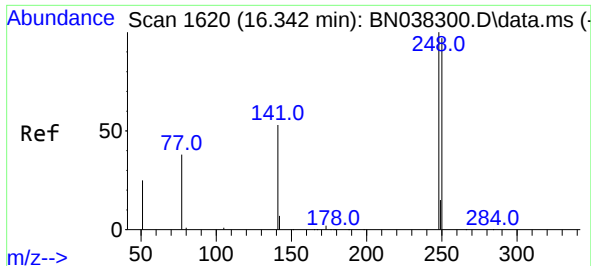
Tgt Ion:188 Resp: 18646  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 16.6 7.4 11.0#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.202 ng  
RT: 15.522 min Scan# 1554  
Delta R.T. 0.000 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

Tgt Ion:198 Resp: 619  
Ion Ratio Lower Upper  
198 100  
51 138.5 86.3 129.5#  
105 60.9 45.3 67.9

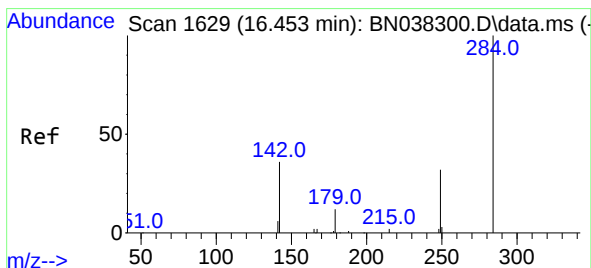
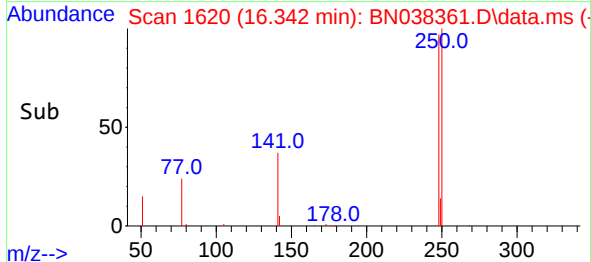
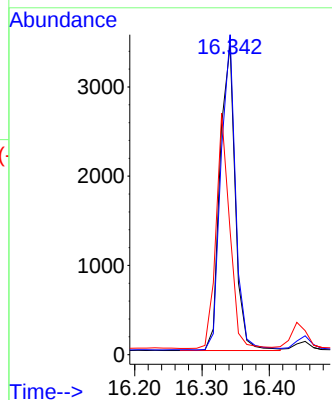
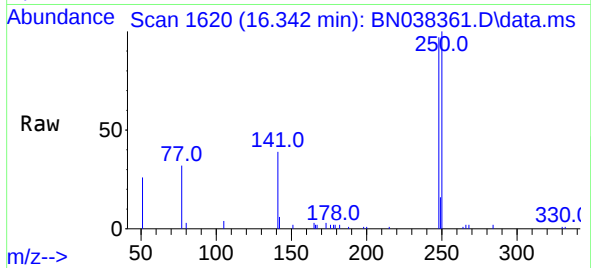




#21  
4-Bromophenyl-phenylether  
Concen: 0.387 ng  
RT: 16.342 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

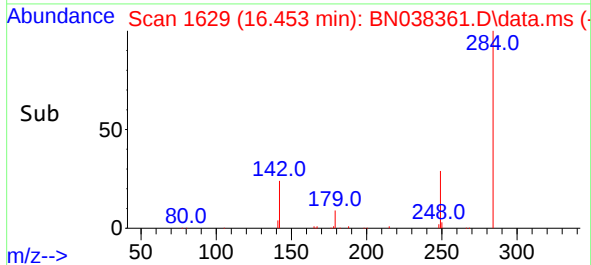
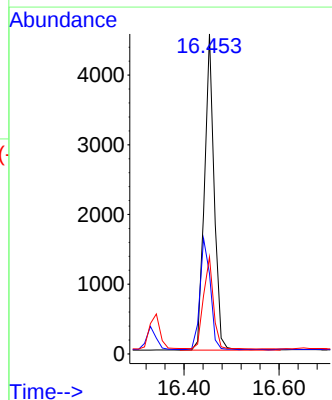
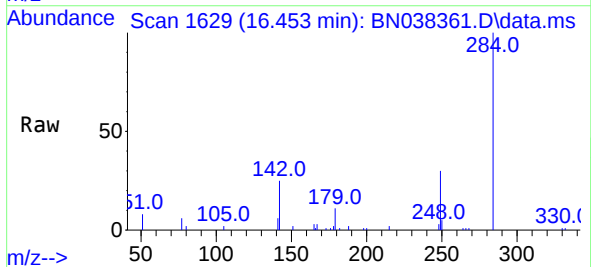
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

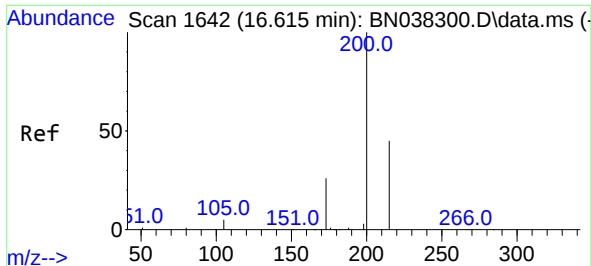
Tgt Ion:248 Resp: 5353  
Ion Ratio Lower Upper  
248 100  
250 103.5 78.2 117.2  
141 40.0 43.7 65.5#



#22  
Hexachlorobenzene  
Concen: 0.391 ng  
RT: 16.453 min Scan# 1629  
Delta R.T. -0.012 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

Tgt Ion:284 Resp: 6496  
Ion Ratio Lower Upper  
284 100  
142 37.0 29.5 44.3  
249 29.9 23.7 35.5

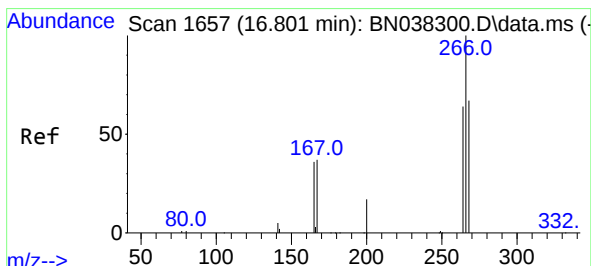
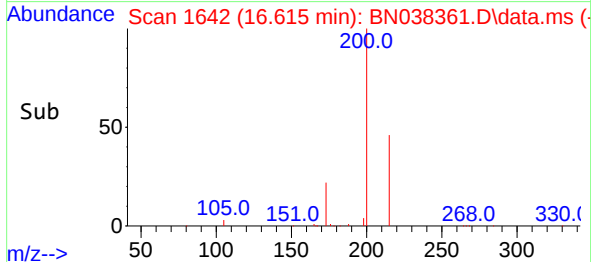
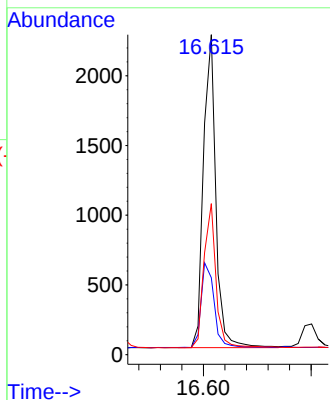
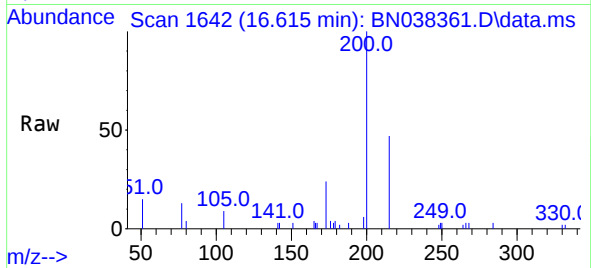




#23  
Atrazine  
Concen: 0.381 ng  
RT: 16.615 min Scan# 1642  
Delta R.T. -0.000 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

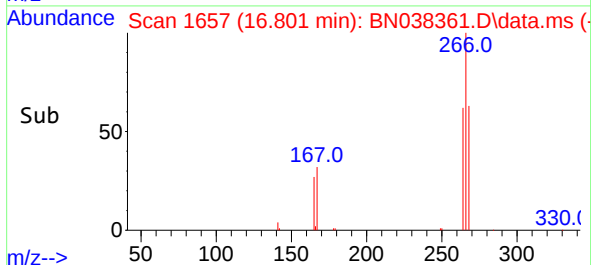
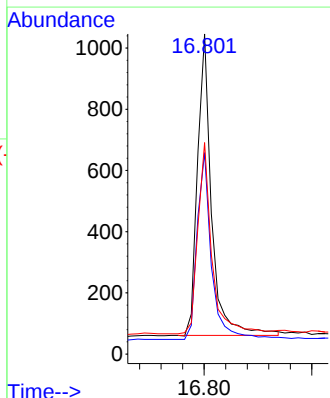
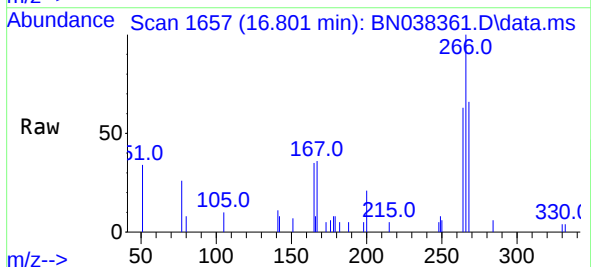
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

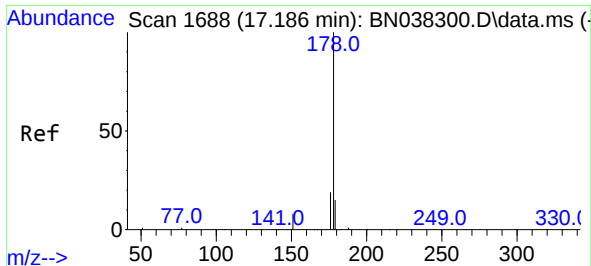
Tgt Ion:200 Resp: 3592  
Ion Ratio Lower Upper  
200 100  
173 24.1 22.1 33.1  
215 47.2 37.4 56.2



#24  
Pentachlorophenol  
Concen: 0.276 ng  
RT: 16.801 min Scan# 1657  
Delta R.T. -0.000 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

Tgt Ion:266 Resp: 1791  
Ion Ratio Lower Upper  
266 100  
264 63.3 50.2 75.2  
268 63.8 52.6 78.8



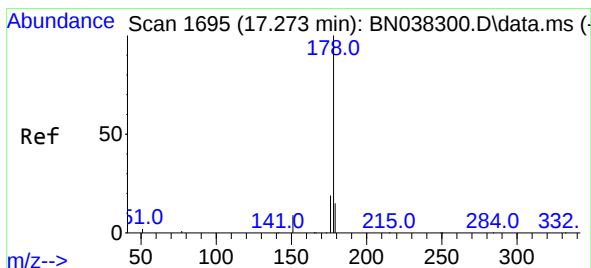
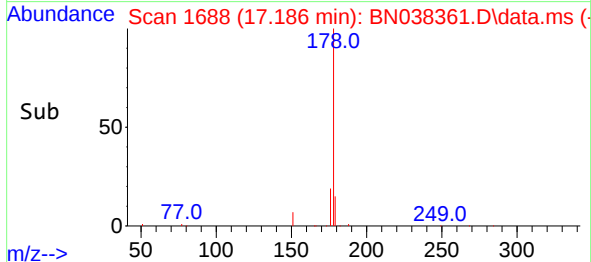
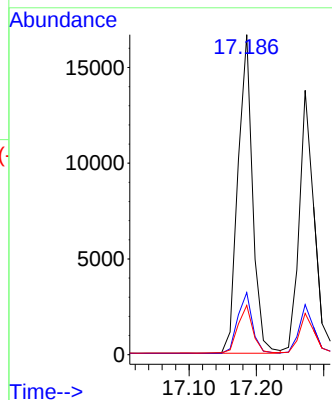
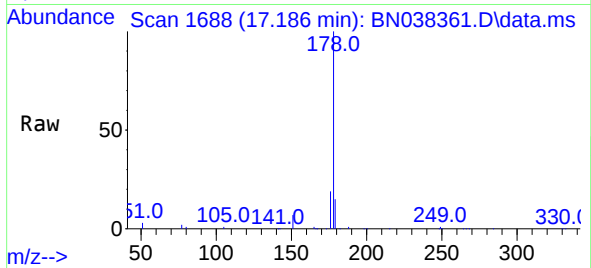


#25  
Phenanthrene  
Concen: 0.388 ng  
RT: 17.186 min Scan# 1688  
Delta R.T. -0.000 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:178 Resp: 25212

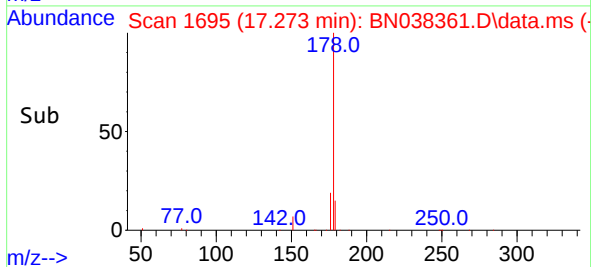
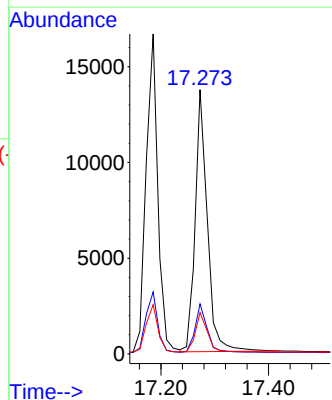
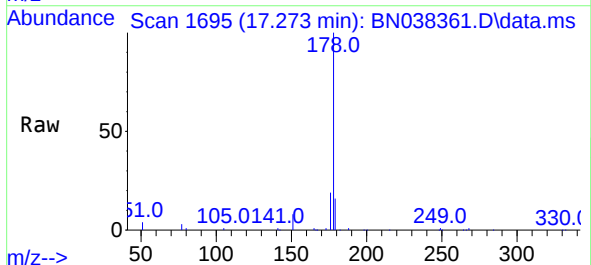
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.3  | 15.5  | 23.3  |
| 179 | 15.4  | 12.2  | 18.2  |

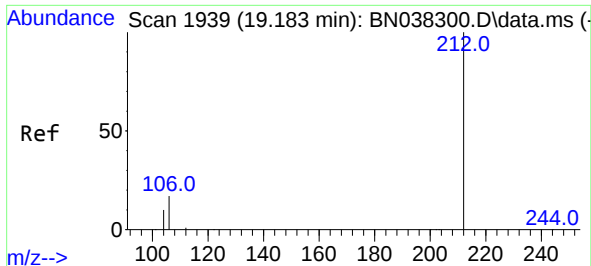


#26  
Anthracene  
Concen: 0.385 ng  
RT: 17.273 min Scan# 1695  
Delta R.T. -0.012 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

Tgt Ion:178 Resp: 21552

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 18.5  | 15.1  | 22.7  |
| 179 | 15.3  | 12.0  | 18.0  |

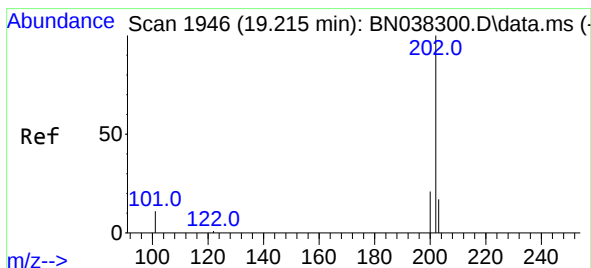
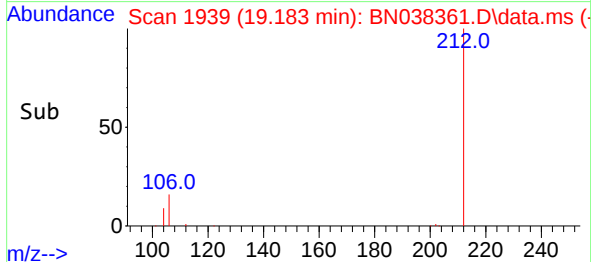
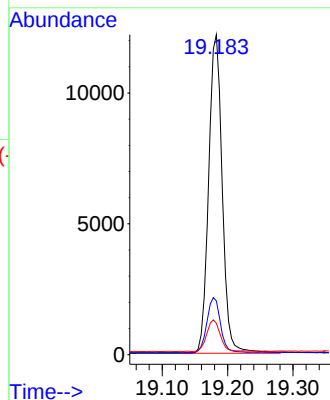
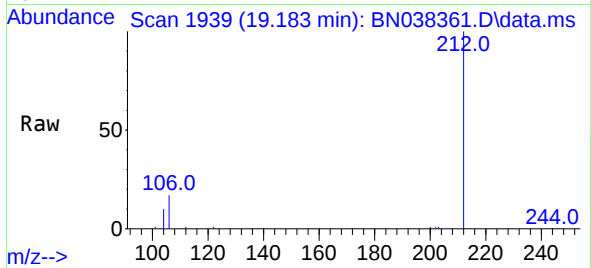




#27  
Fluoranthene-d10  
Concen: 0.382 ng  
RT: 19.183 min Scan# 1939  
Delta R.T. -0.005 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

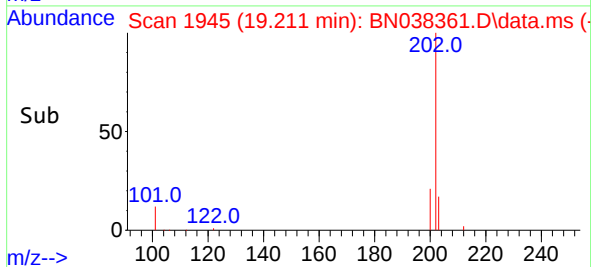
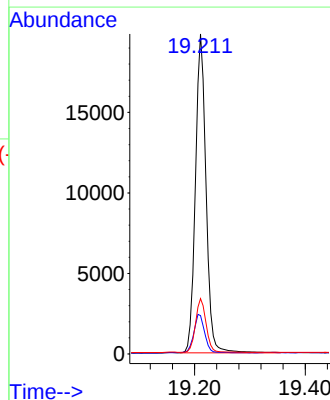
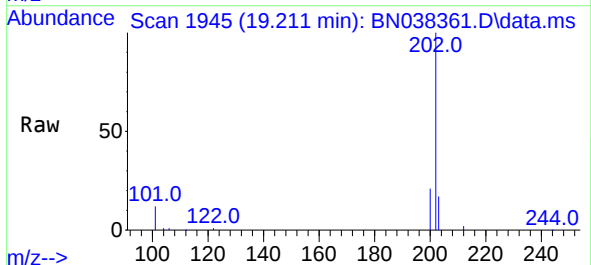
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

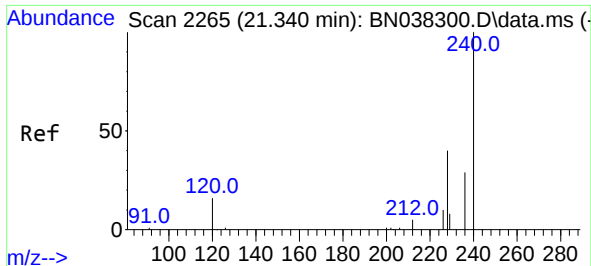
Tgt Ion:212 Resp: 17618  
Ion Ratio Lower Upper  
212 100  
106 17.2 13.7 20.5  
104 10.1 7.8 11.8



#28  
Fluoranthene  
Concen: 0.382 ng  
RT: 19.211 min Scan# 1945  
Delta R.T. -0.009 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

Tgt Ion:202 Resp: 26327  
Ion Ratio Lower Upper  
202 100  
101 12.2 9.6 14.4  
203 16.8 13.5 20.3

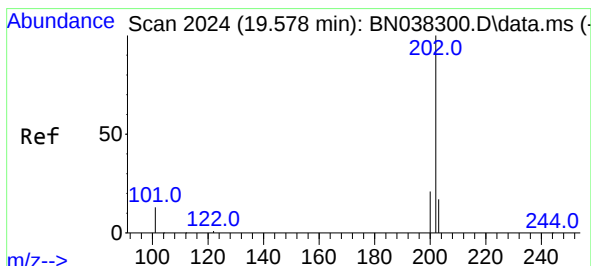
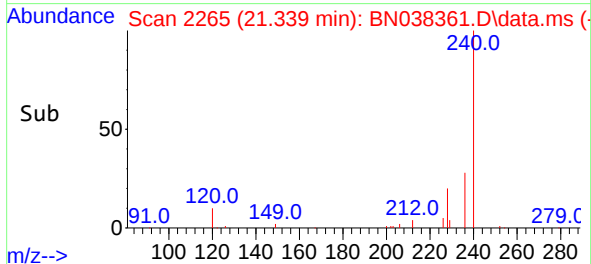
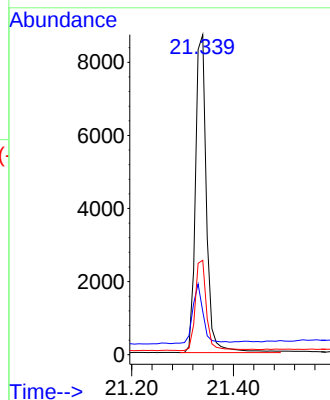
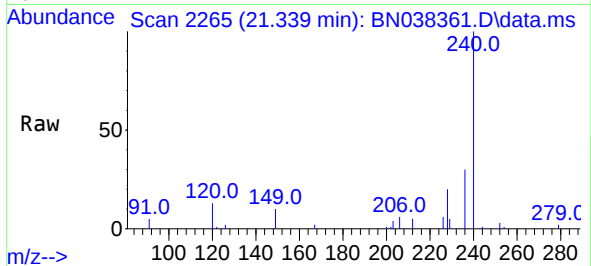




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.339 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

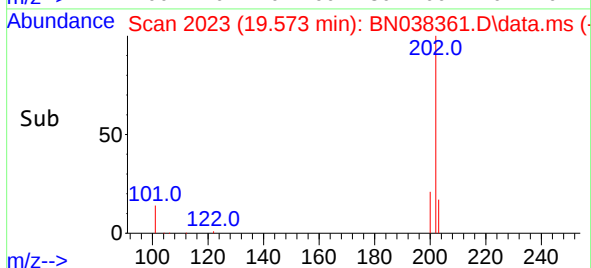
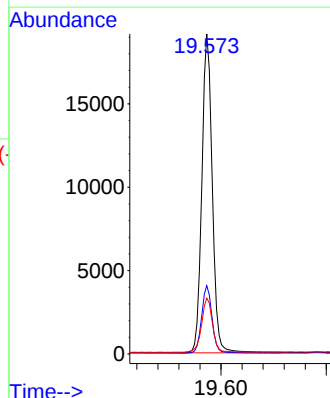
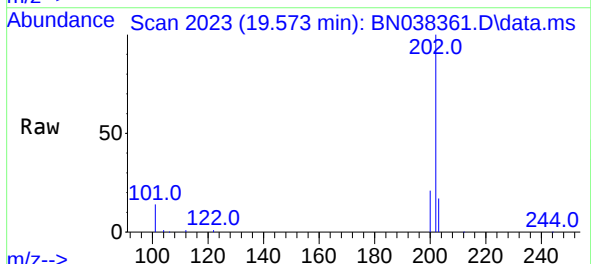
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

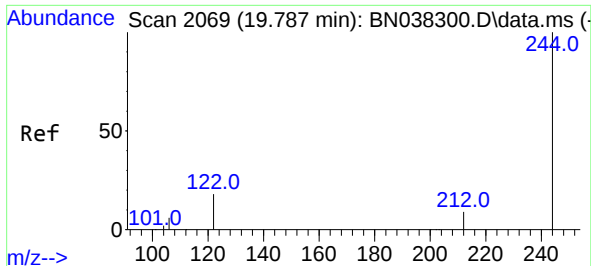
Tgt Ion:240 Resp: 13125  
Ion Ratio Lower Upper  
240 100  
120 13.5 15.4 23.2#  
236 29.5 23.9 35.9



#30  
Pyrene  
Concen: 0.407 ng  
RT: 19.573 min Scan# 2023  
Delta R.T. -0.009 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

Tgt Ion:202 Resp: 26294  
Ion Ratio Lower Upper  
202 100  
200 21.1 16.9 25.3  
203 18.0 14.2 21.2

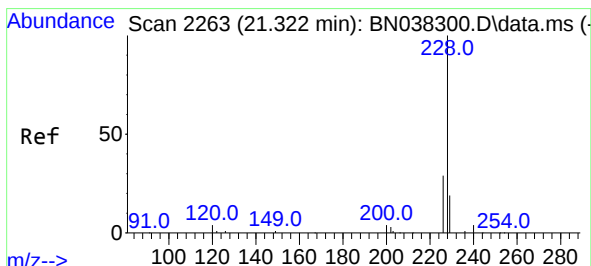
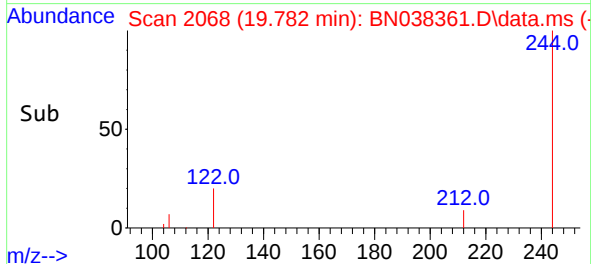
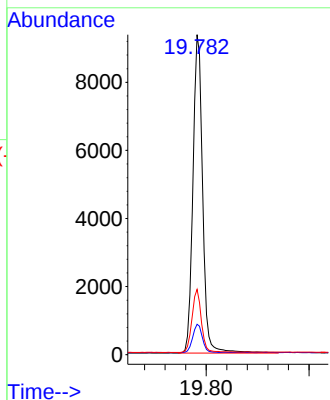
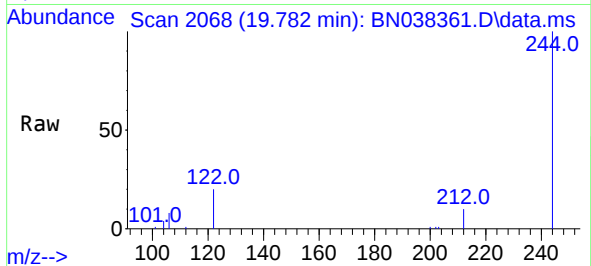




#31  
Terphenyl-d14  
Concen: 0.422 ng  
RT: 19.782 min Scan# 2068  
Delta R.T. -0.009 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

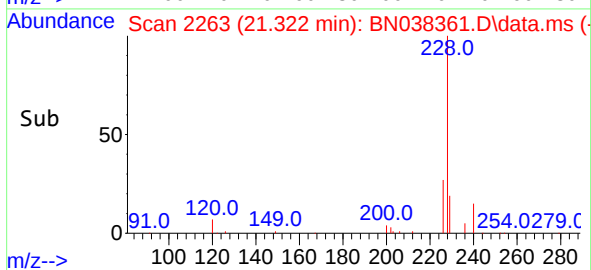
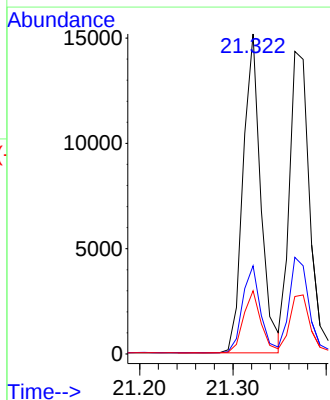
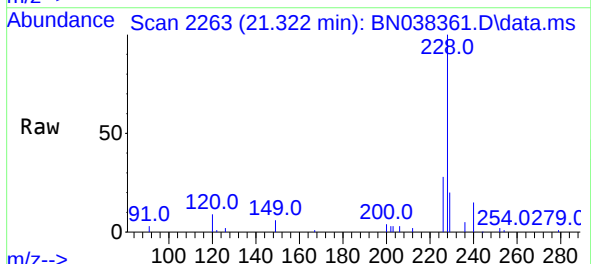
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

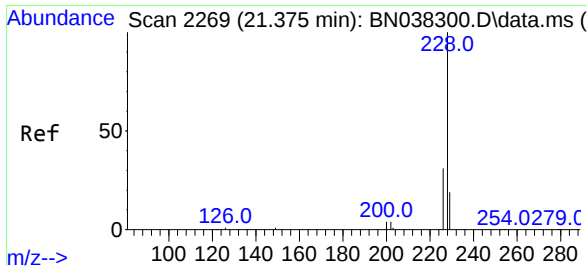
Tgt Ion:244 Resp: 12359  
Ion Ratio Lower Upper  
244 100  
212 9.5 7.9 11.9  
122 20.4 15.0 22.6



#32  
Benzo(a)anthracene  
Concen: 0.395 ng  
RT: 21.322 min Scan# 2263  
Delta R.T. -0.009 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

Tgt Ion:228 Resp: 20031  
Ion Ratio Lower Upper  
228 100  
226 27.5 23.3 34.9  
229 19.7 15.7 23.5

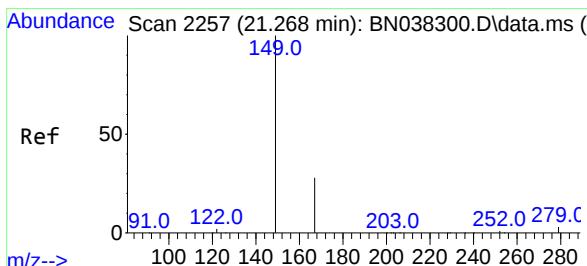
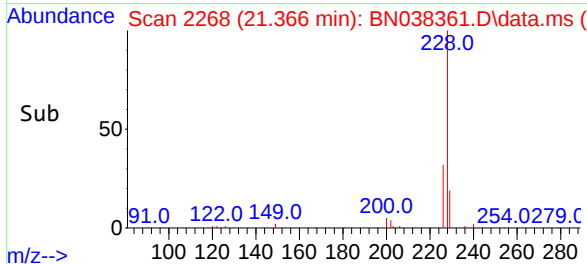
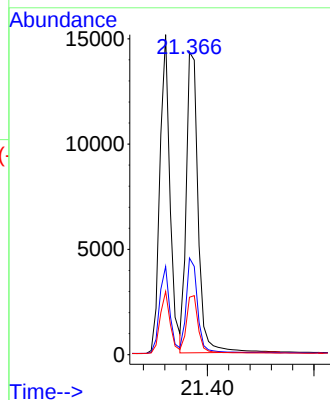
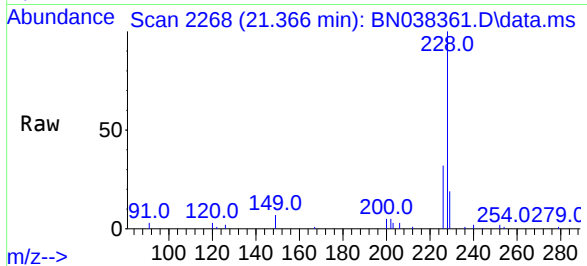




#33  
Chrysene  
Concen: 0.395 ng  
RT: 21.366 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

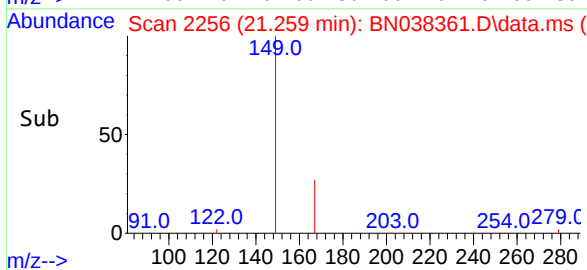
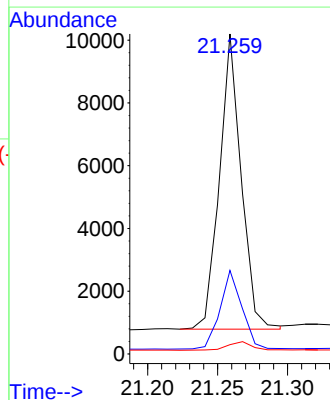
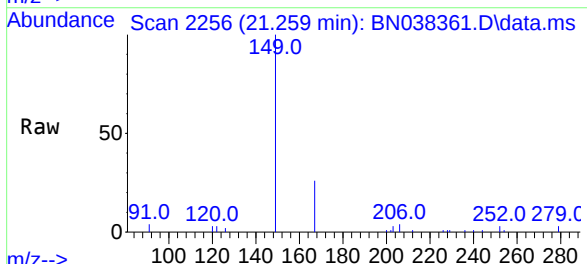
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

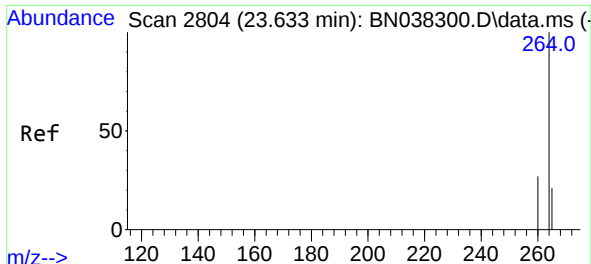
Tgt Ion:228 Resp: 22033  
Ion Ratio Lower Upper  
228 100  
226 32.0 25.0 37.4  
229 19.0 15.5 23.3



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.364 ng  
RT: 21.259 min Scan# 2256  
Delta R.T. -0.009 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

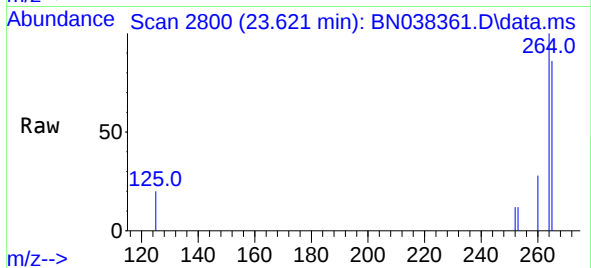
Tgt Ion:149 Resp: 10127  
Ion Ratio Lower Upper  
149 100  
167 27.0 21.4 32.0  
279 3.2 2.4 3.6



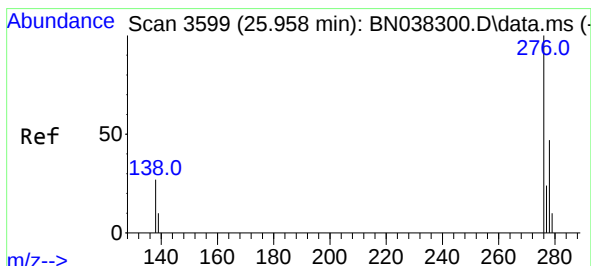
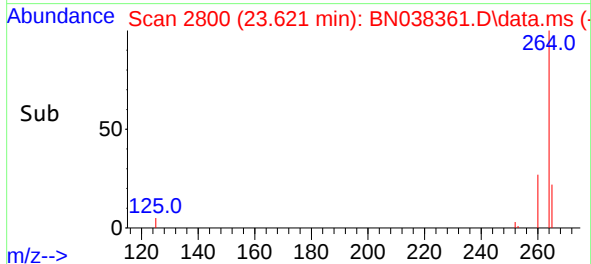
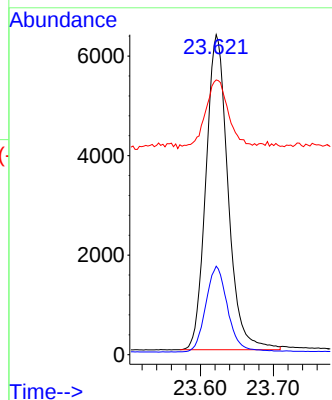


#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.621 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

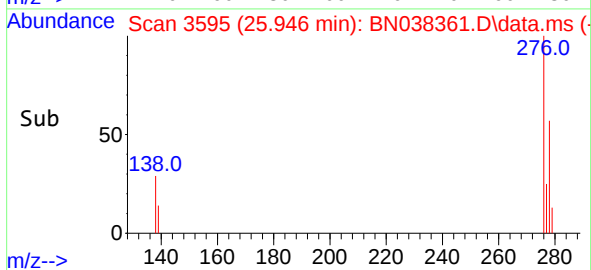
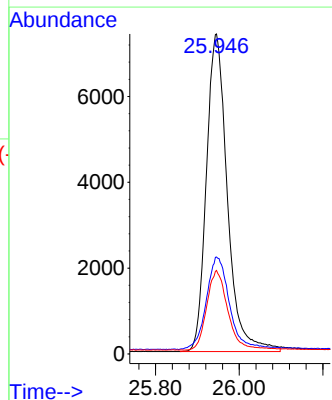
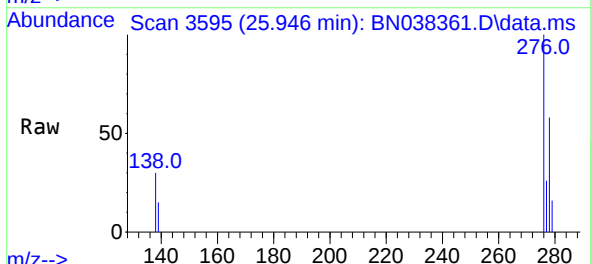


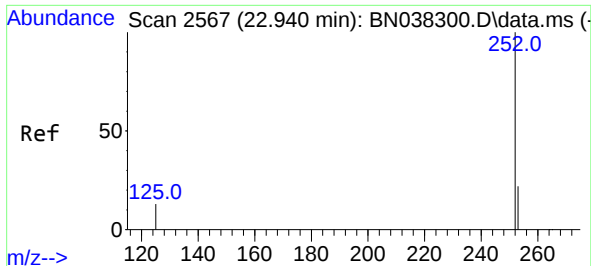
Tgt Ion:264 Resp: 13343  
Ion Ratio Lower Upper  
264 100  
260 27.7 22.2 33.2  
265 85.8 80.2 120.2



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.365 ng  
RT: 25.946 min Scan# 3595  
Delta R.T. -0.018 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

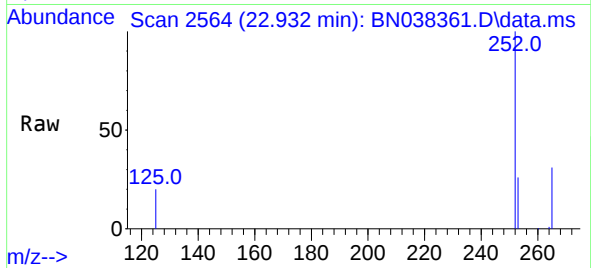
Tgt Ion:276 Resp: 25831  
Ion Ratio Lower Upper  
276 100  
138 32.0 23.6 35.4  
277 25.4 19.7 29.5



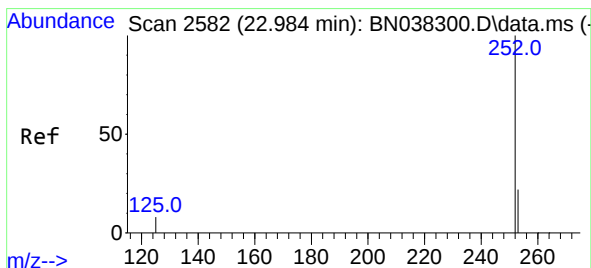
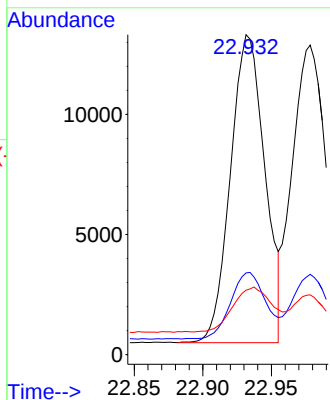


#37  
Benzo(b)fluoranthene  
Concen: 0.364 ng  
RT: 22.932 min Scan# 2567  
Delta R.T. -0.015 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

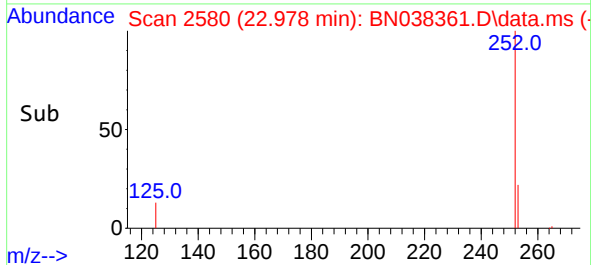
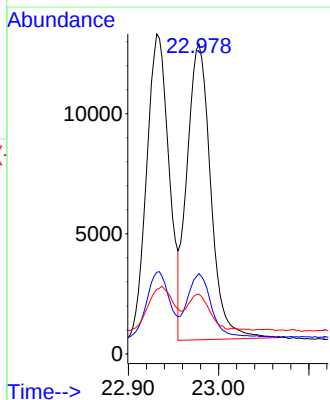
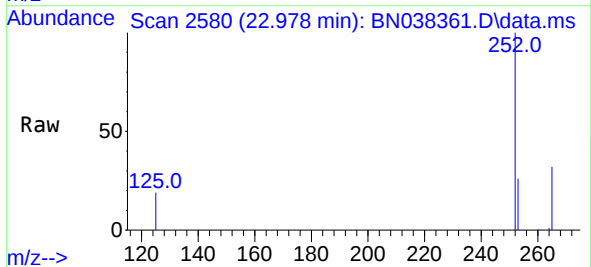


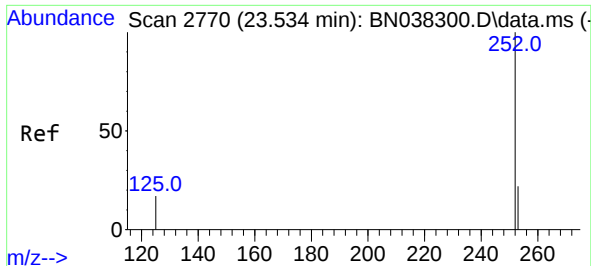
Tgt Ion:252 Resp: 22336  
Ion Ratio Lower Upper  
252 100  
253 25.5 21.1 31.7  
125 20.1 16.4 24.6



#38  
Benzo(k)fluoranthene  
Concen: 0.368 ng  
RT: 22.978 min Scan# 2580  
Delta R.T. -0.012 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

Tgt Ion:252 Resp: 22462  
Ion Ratio Lower Upper  
252 100  
253 25.9 21.4 32.0  
125 19.3 16.2 24.2

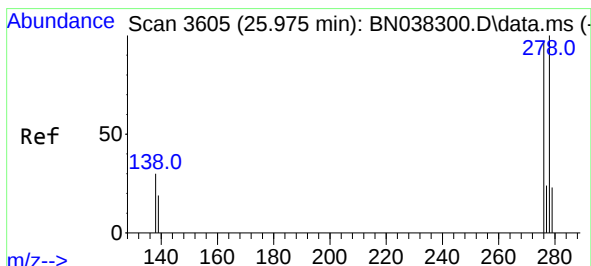
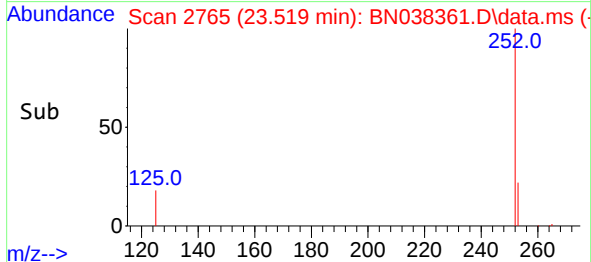
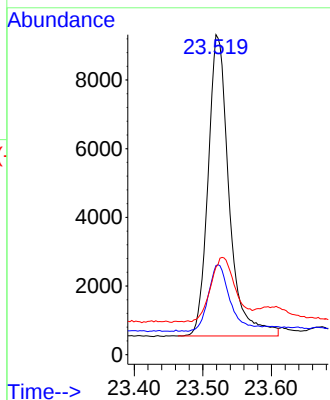
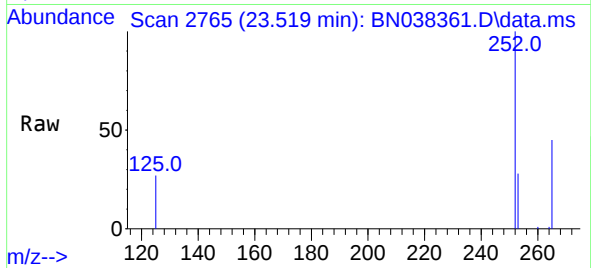




#39  
Benzo(a)pyrene  
Concen: 0.372 ng  
RT: 23.519 min Scan# 21  
Delta R.T. -0.015 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

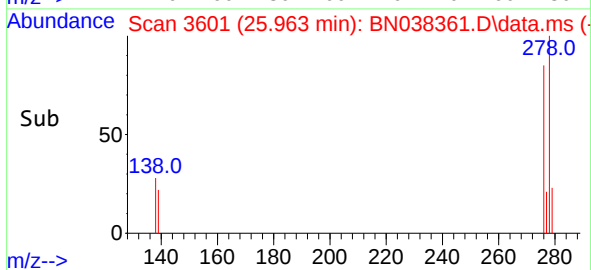
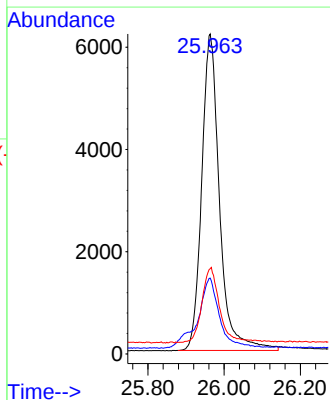
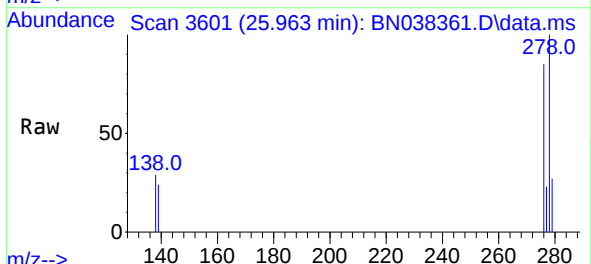
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

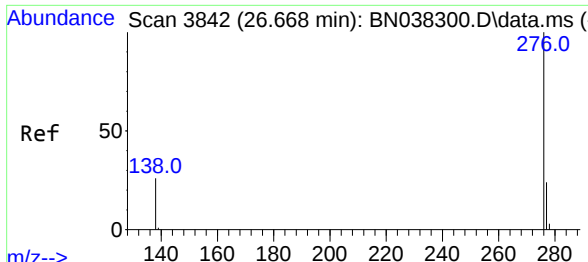
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 252   | Resp: | 18663 |
| Ion      | Ratio | Lower | Upper |
| 252      | 100   |       |       |
| 253      | 27.8  | 23.3  | 34.9  |
| 125      | 27.3  | 22.4  | 33.6  |



#40  
Dibenzo(a,h)anthracene  
Concen: 0.368 ng  
RT: 25.963 min Scan# 3601  
Delta R.T. -0.018 min  
Lab File: BN038361.D  
Acq: 12 Dec 2025 22:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 278   | Resp: | 20094 |
| Ion      | Ratio | Lower | Upper |
| 278      | 100   |       |       |
| 139      | 23.7  | 17.8  | 26.8  |
| 279      | 26.7  | 21.3  | 31.9  |





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.350 ng  
 RT: 26.650 min Scan# 3836  
 Delta R.T. -0.026 min  
 Lab File: BN038361.D  
 Acq: 12 Dec 2025 22:10

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 21380 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 24.5  | 20.0  | 30.0  |
| 138      | 27.2  | 21.8  | 32.6  |

