

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121525\  
 Data File : BN038431.D  
 Acq On : 16 Dec 2025 08:20  
 Operator : RC/JU  
 Sample : PB170917BS  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB170917BS

Quant Time: Dec 16 09:44:02 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

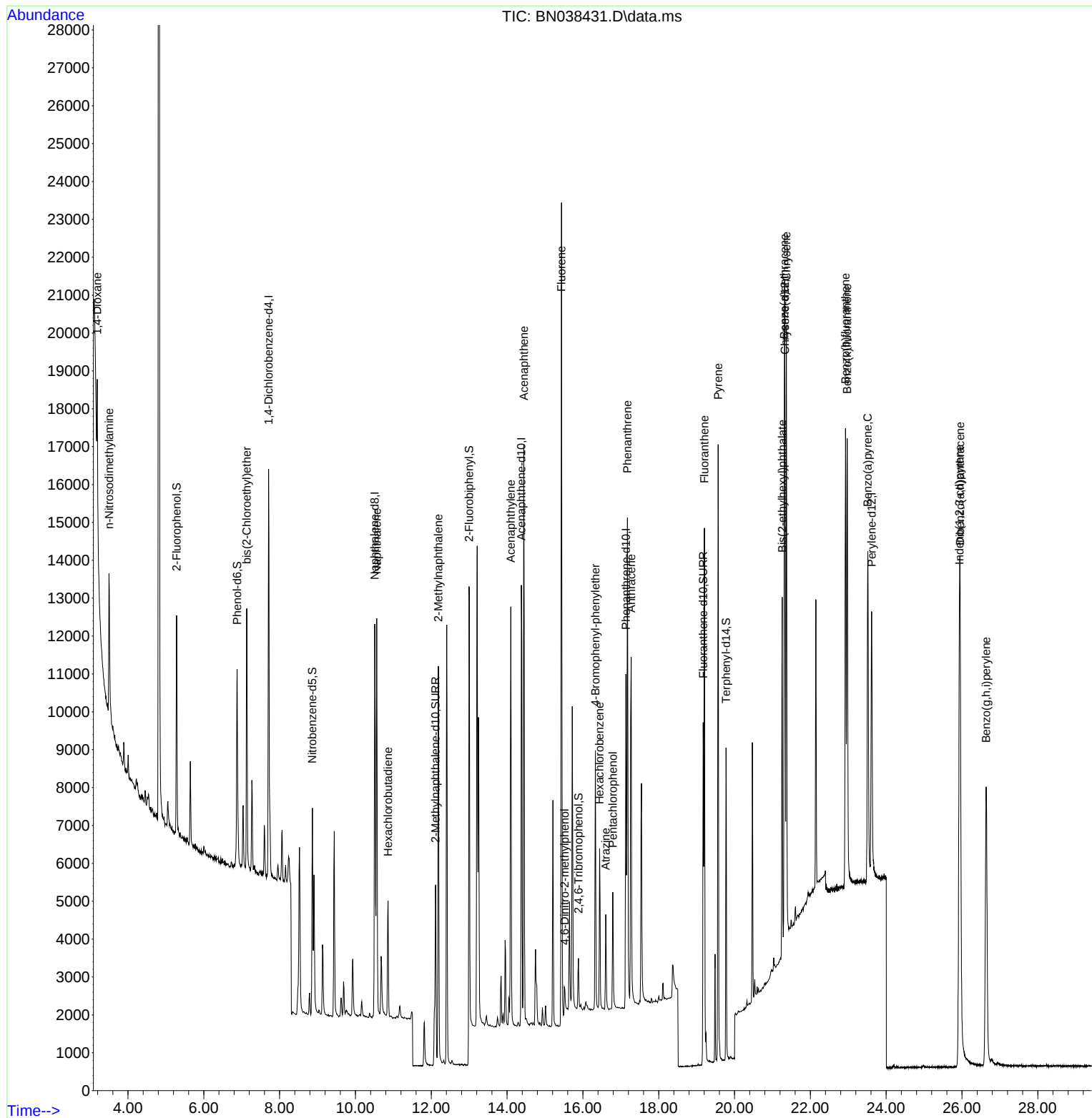
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.710  | 152  | 5327     | 0.400 | ng    | -0.01    |
| 7) Naphthalene-d8             | 10.509 | 136  | 14053    | 0.400 | ng    | #-0.02   |
| 13) Acenaphthene-d10          | 14.377 | 164  | 7121     | 0.400 | ng    | -0.02    |
| 19) Phenanthrene-d10          | 17.136 | 188  | 11308    | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.331 | 240  | 9311     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.616 | 264  | 9963     | 0.400 | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.283  | 112  | 4718     | 0.356 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.879  | 99   | 5330     | 0.338 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.865  | 82   | 4472     | 0.377 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.111 | 152  | 9409     | 0.475 | ng    | -0.02    |
| 14) 2,4,6-Tribromophenol      | 15.882 | 330  | 865      | 0.274 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.998 | 172  | 15925    | 0.464 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.173 | 212  | 9542     | 0.341 | ng    | -0.01    |
| 31) Terphenyl-d14             | 19.777 | 244  | 7636     | 0.367 | ng    | -0.01    |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.189  | 88   | 1710     | 0.280 | ng    | # 42     |
| 3) n-Nitrosodimethylamine     | 3.499  | 42   | 2687     | 0.351 | ng    | # 95     |
| 6) bis(2-Chloroethyl)ether    | 7.132  | 93   | 5272     | 0.342 | ng    | 98       |
| 9) Naphthalene                | 10.562 | 128  | 13936    | 0.335 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.861 | 225  | 2589     | 0.351 | ng    | # 98     |
| 12) 2-Methylnaphthalene       | 12.187 | 142  | 7891     | 0.299 | ng    | 100      |
| 16) Acenaphthylene            | 14.099 | 152  | 12205    | 0.349 | ng    | 99       |
| 17) Acenaphthene              | 14.441 | 154  | 7303     | 0.300 | ng    | 97       |
| 18) Fluorene                  | 15.435 | 166  | 9500     | 0.303 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.522 | 198  | 459      | 0.247 | ng    | 82       |
| 21) 4-Bromophenyl-phenylether | 16.329 | 248  | 2783     | 0.332 | ng    | # 92     |
| 22) Hexachlorobenzene         | 16.441 | 284  | 3445     | 0.342 | ng    | 99       |
| 23) Atrazine                  | 16.602 | 200  | 1939     | 0.339 | ng    | 97       |
| 24) Pentachlorophenol         | 16.788 | 266  | 1604     | 0.408 | ng    | 97       |
| 25) Phenanthrene              | 17.173 | 178  | 13226    | 0.336 | ng    | 98       |
| 26) Anthracene                | 17.273 | 178  | 11567    | 0.341 | ng    | 99       |
| 28) Fluoranthene              | 19.206 | 202  | 13407    | 0.320 | ng    | 100      |
| 30) Pyrene                    | 19.568 | 202  | 14521    | 0.317 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.313 | 228  | 12558    | 0.349 | ng    | 100      |
| 33) Chrysene                  | 21.366 | 228  | 14131    | 0.357 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 21.259 | 149  | 5803     | 0.294 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.931 | 276  | 18917    | 0.358 | ng    | 100      |
| 37) Benzo(b)fluoranthene      | 22.929 | 252  | 15138    | 0.331 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 22.972 | 252  | 16126    | 0.353 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.516 | 252  | 13863    | 0.370 | ng    | 98       |
| 40) Dibenzo(a,h)anthracene    | 25.952 | 278  | 14392    | 0.353 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 26.636 | 276  | 15941    | 0.350 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

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QLast Update : Wed Dec 10 13:56:50 2025  
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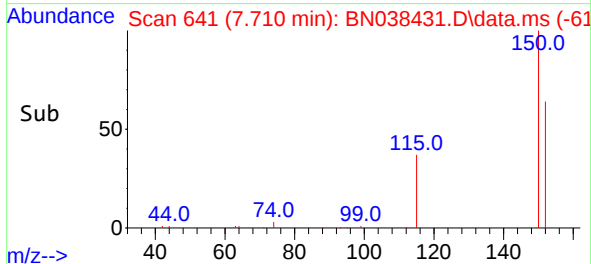
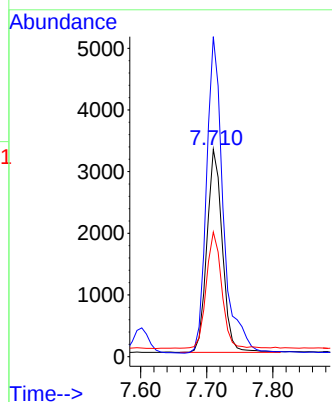
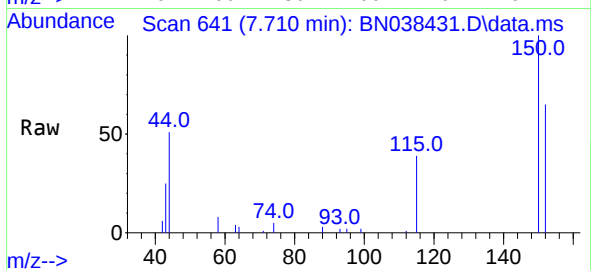




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.710 min Scan# 64  
Delta R.T. -0.014 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

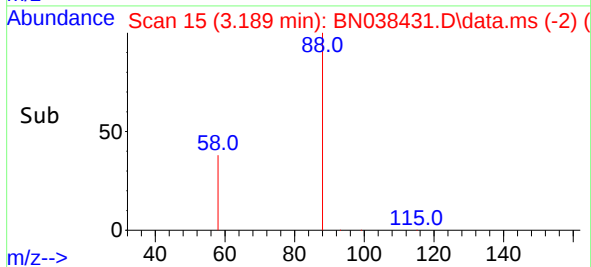
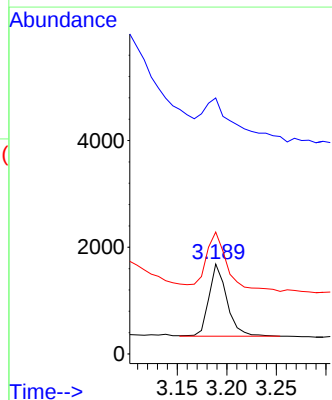
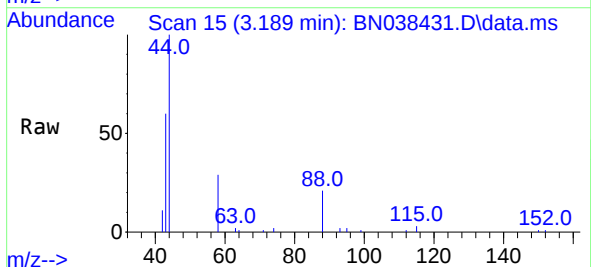
Instrument :  
BNA\_N  
ClientSampleId :  
PB170917BS

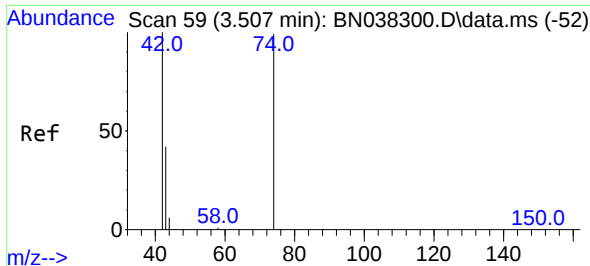
Tgt Ion:152 Resp: 5327  
Ion Ratio Lower Upper  
152 100  
150 154.4 122.4 183.6  
115 60.1 47.3 70.9



#2  
1,4-Dioxane  
Concen: 0.280 ng  
RT: 3.189 min Scan# 15  
Delta R.T. -0.007 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

Tgt Ion: 88 Resp: 1710  
Ion Ratio Lower Upper  
88 100  
43 108.0 24.9 37.3#  
58 98.5 61.4 92.0#

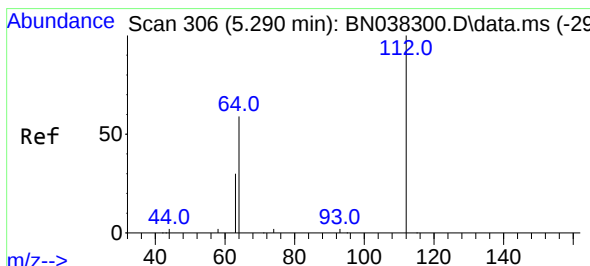
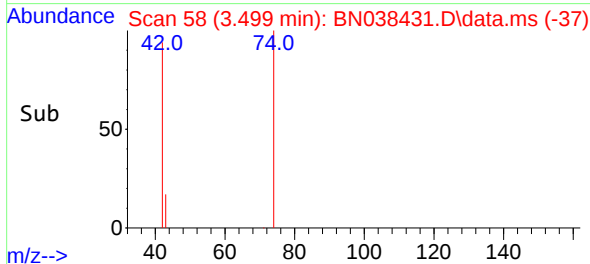
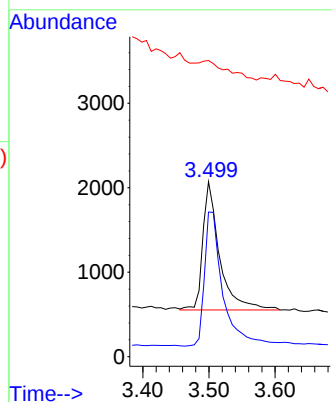
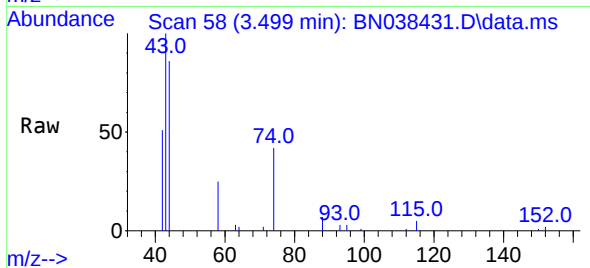




#3  
n-Nitrosodimethylamine  
Concen: 0.351 ng  
RT: 3.499 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

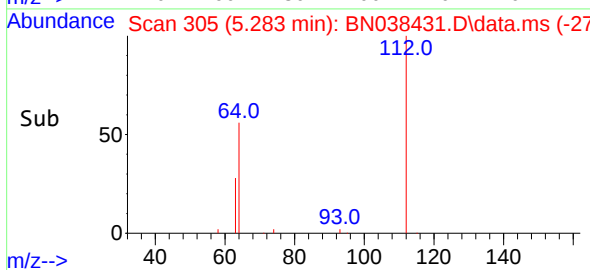
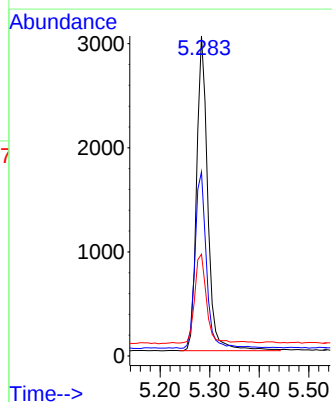
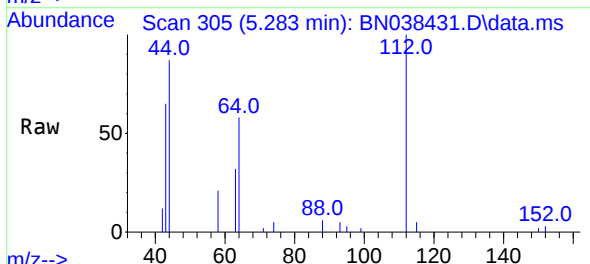
Instrument :  
BNA\_N  
ClientSampleId :  
PB170917BS

Tgt Ion: 42 Resp: 2687  
Ion Ratio Lower Upper  
42 100  
74 115.1 95.3 142.9  
44 0.0 7.9 11.9#



#4  
2-Fluorophenol  
Concen: 0.356 ng  
RT: 5.283 min Scan# 305  
Delta R.T. -0.007 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

Tgt Ion: 112 Resp: 4718  
Ion Ratio Lower Upper  
112 100  
64 57.4 44.4 66.6  
63 29.0 23.4 35.0

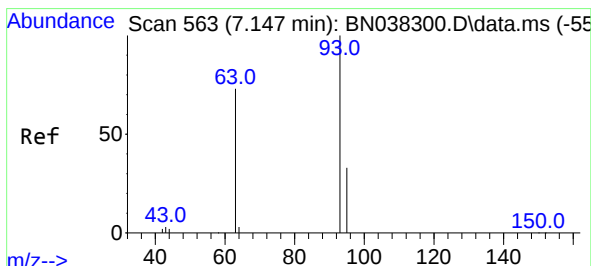
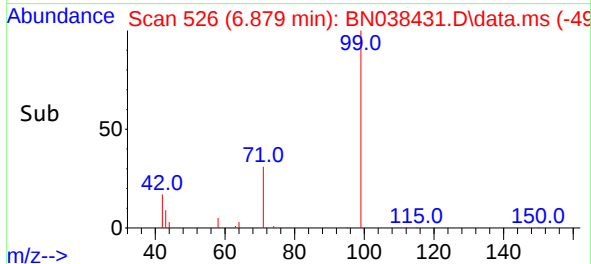
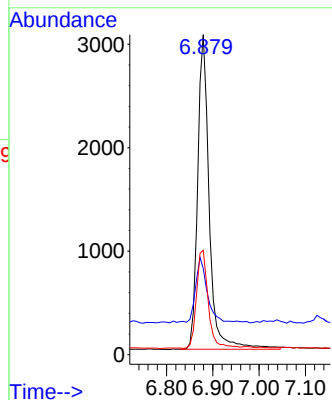
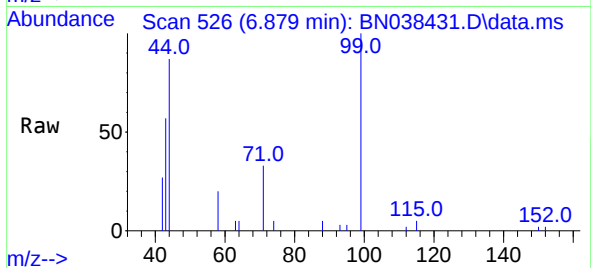




#5  
Phenol-d6  
Concen: 0.338 ng  
RT: 6.879 min Scan# 51  
Delta R.T. -0.007 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

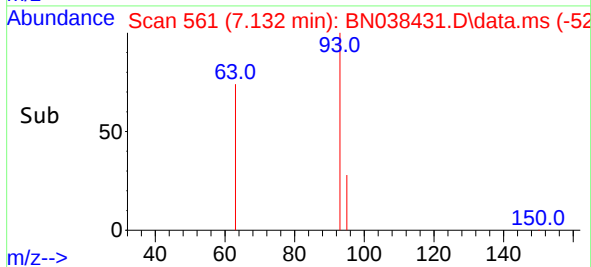
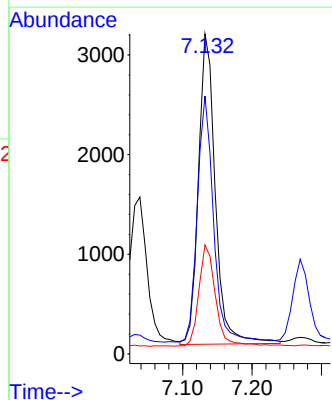
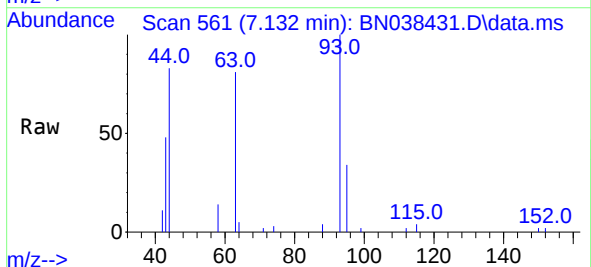
Instrument :  
BNA\_N  
ClientSampleId :  
PB170917BS

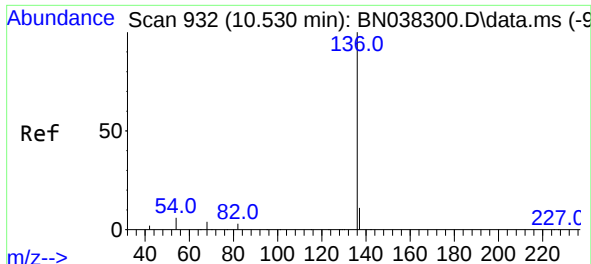
Tgt Ion: 99 Resp: 5330  
Ion Ratio Lower Upper  
99 100  
42 21.3 16.5 24.7  
71 31.6 24.9 37.3



#6  
bis(2-Chloroethyl)ether  
Concen: 0.342 ng  
RT: 7.132 min Scan# 561  
Delta R.T. -0.014 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

Tgt Ion: 93 Resp: 5272  
Ion Ratio Lower Upper  
93 100  
63 76.3 59.2 88.8  
95 32.4 25.2 37.8

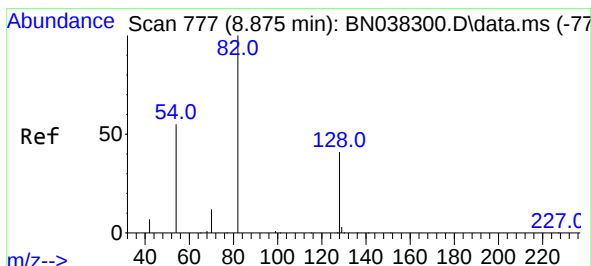
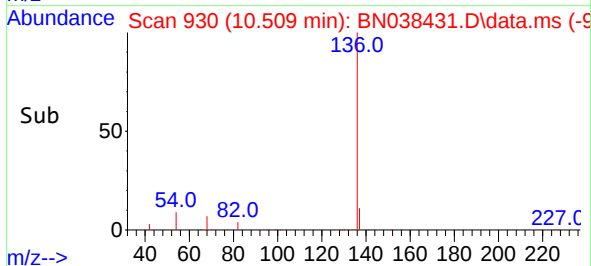
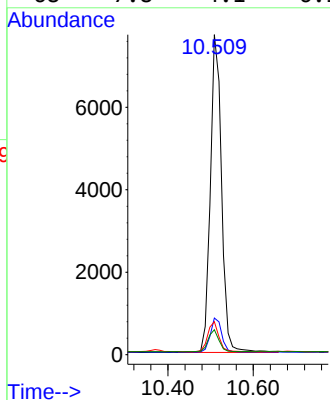
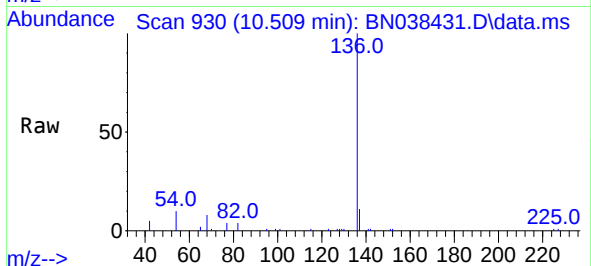




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.509 min Scan# 91  
Delta R.T. -0.021 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

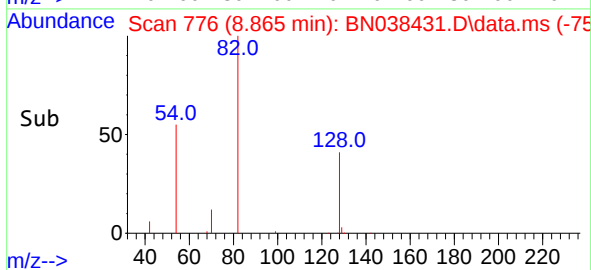
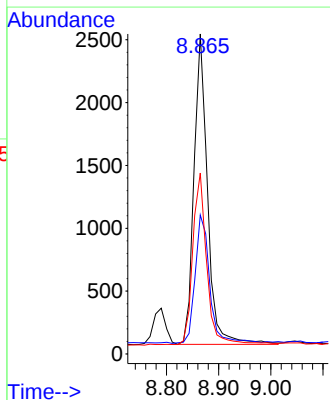
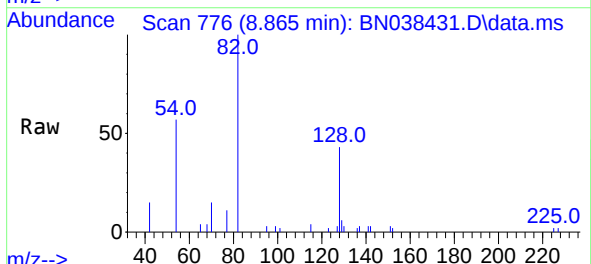
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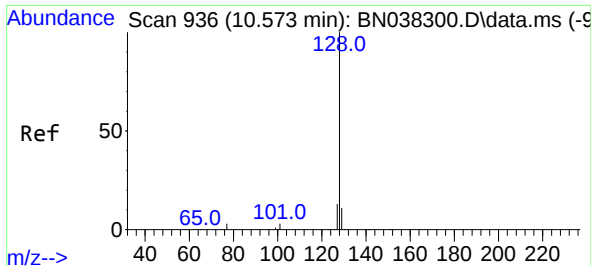
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 14053 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.4  | 9.1   | 13.7  |
| 54       | 10.3  | 5.2   | 7.8#  |
| 68       | 7.8   | 4.1   | 6.1#  |



#8  
Nitrobenzene-d5  
Concen: 0.377 ng  
RT: 8.865 min Scan# 776  
Delta R.T. -0.011 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 4472  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 43.4  | 34.0  | 51.0  |
| 54       | 56.6  | 44.4  | 66.6  |

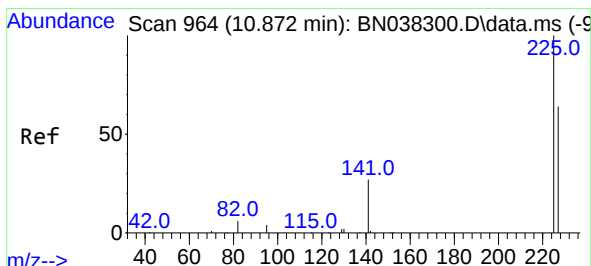
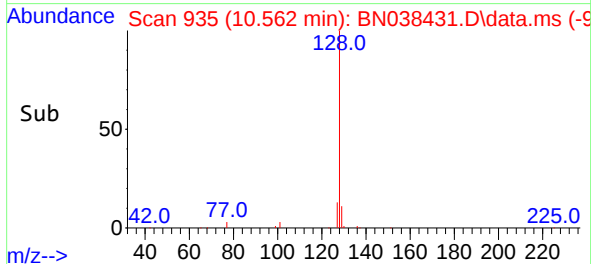
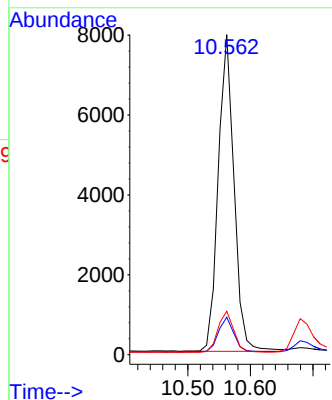
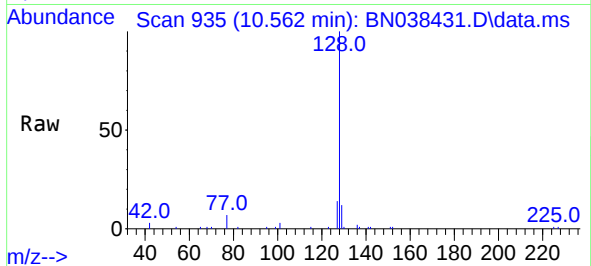




#9  
Naphthalene  
Concen: 0.335 ng  
RT: 10.562 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

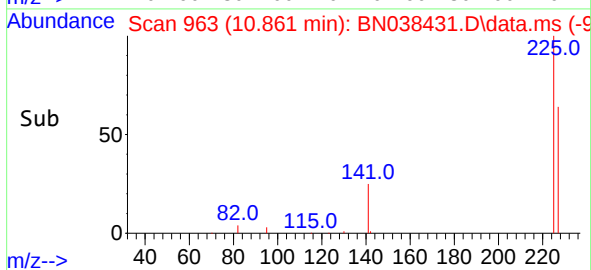
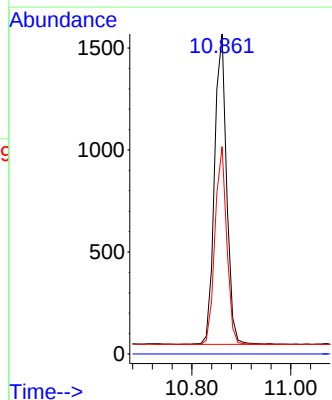
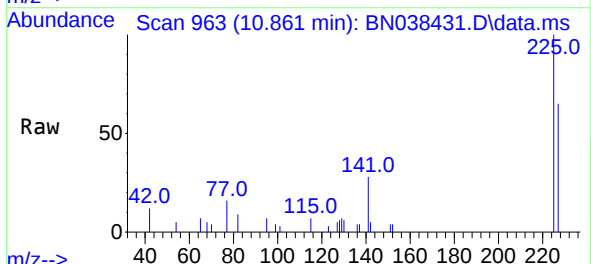
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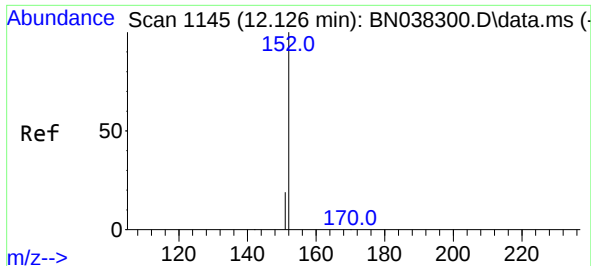
Tgt Ion:128 Resp: 13936  
Ion Ratio Lower Upper  
128 100  
129 11.7 9.1 13.7  
127 13.6 10.9 16.3



#10  
Hexachlorobutadiene  
Concen: 0.351 ng  
RT: 10.861 min Scan# 963  
Delta R.T. -0.011 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

Tgt Ion:225 Resp: 2589  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 62.1 51.2 76.8





#11

2-Methylnaphthalene-d10

Concen: 0.475 ng

RT: 12.111 min Scan# 1142

Delta R.T. -0.015 min

Lab File: BN038431.D

Acq: 16 Dec 2025 08:20

Instrument :

BNA\_N

ClientSampleId :

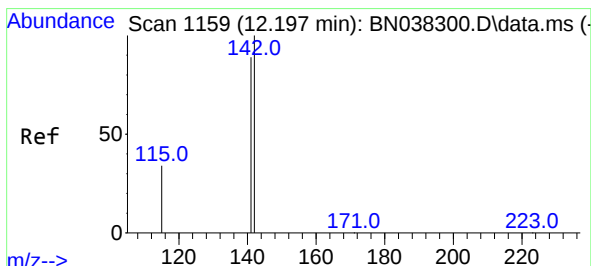
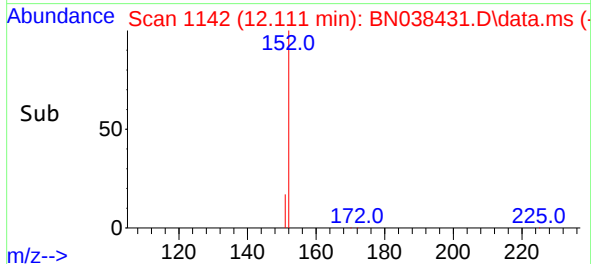
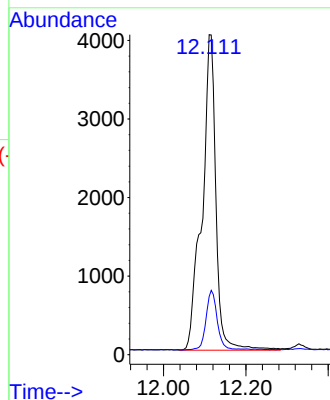
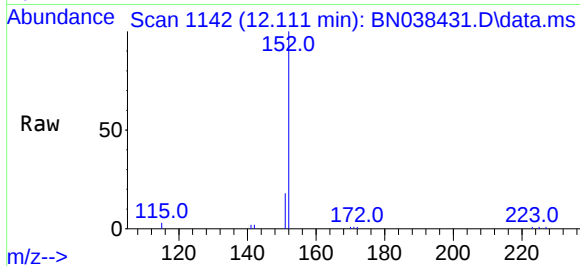
PB170917BS

Tgt Ion:152 Resp: 9409

Ion Ratio Lower Upper

152 100

151 15.3 17.0 25.6#



#12

2-Methylnaphthalene

Concen: 0.299 ng

RT: 12.187 min Scan# 1157

Delta R.T. -0.015 min

Lab File: BN038431.D

Acq: 16 Dec 2025 08:20

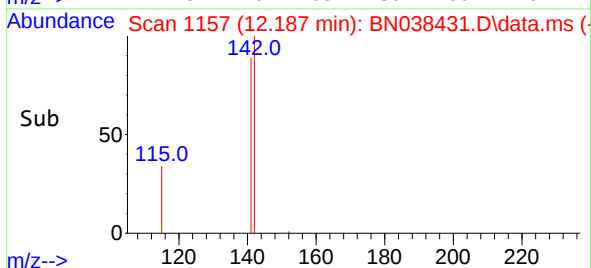
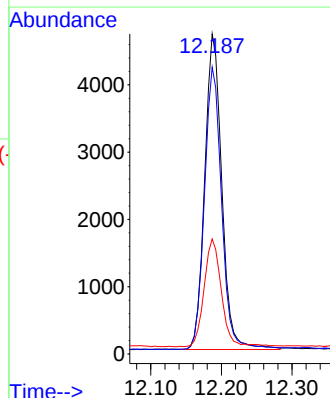
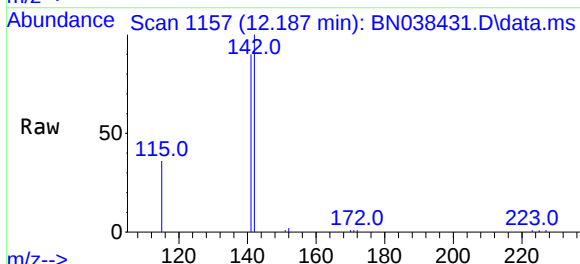
Tgt Ion:142 Resp: 7891

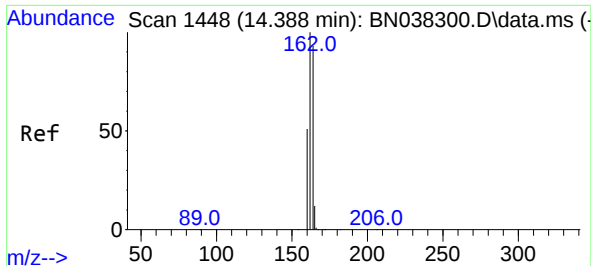
Ion Ratio Lower Upper

142 100

141 89.6 71.4 107.2

115 35.9 28.4 42.6

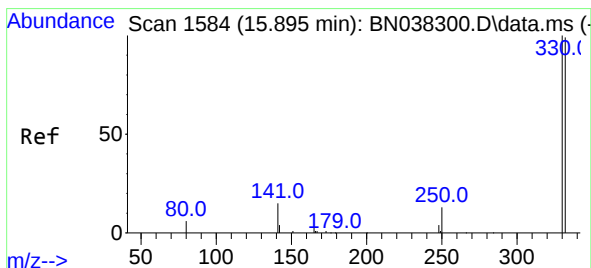
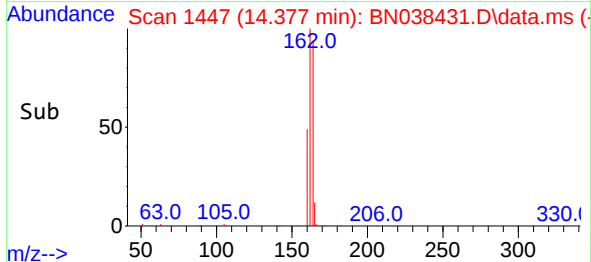
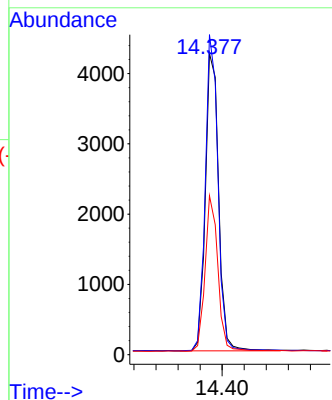
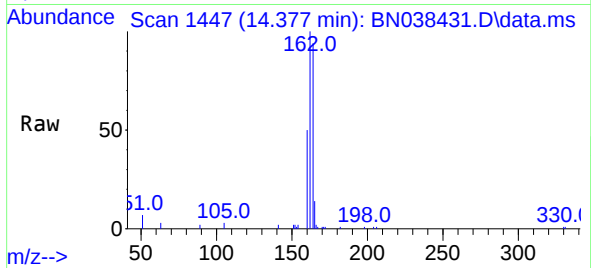




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.377 min Scan# 1447  
Delta R.T. -0.021 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

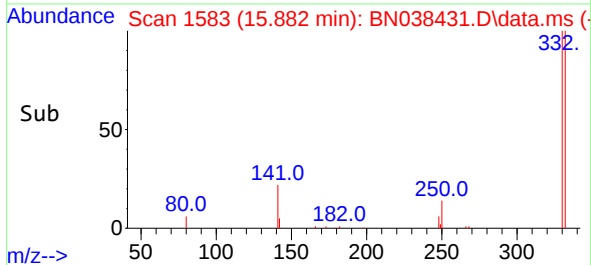
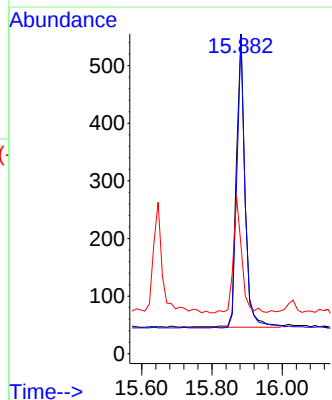
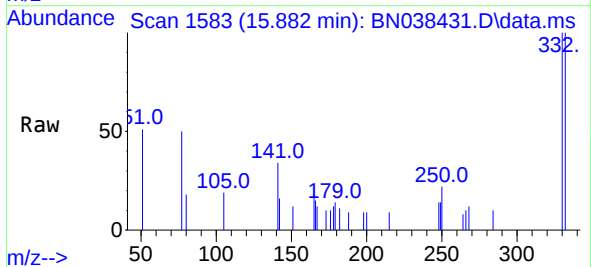
Instrument :  
BNA\_N  
ClientSampleId :  
PB170917BS

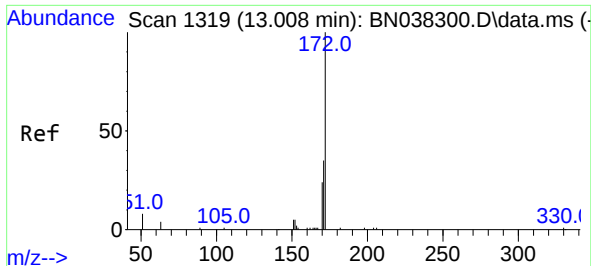
Tgt Ion:164 Resp: 7121  
Ion Ratio Lower Upper  
164 100  
162 106.3 86.2 129.4  
160 52.8 44.6 67.0



#14  
2,4,6-Tribromophenol  
Concen: 0.274 ng  
RT: 15.882 min Scan# 1583  
Delta R.T. -0.012 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

Tgt Ion:330 Resp: 865  
Ion Ratio Lower Upper  
330 100  
332 94.8 75.8 113.6  
141 39.0 31.8 47.8

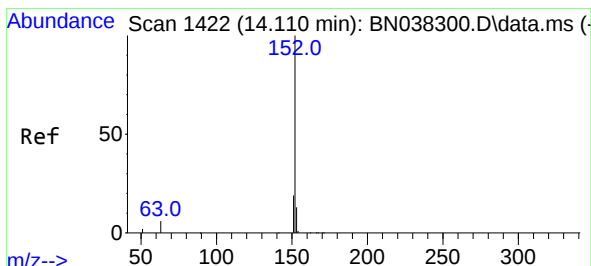
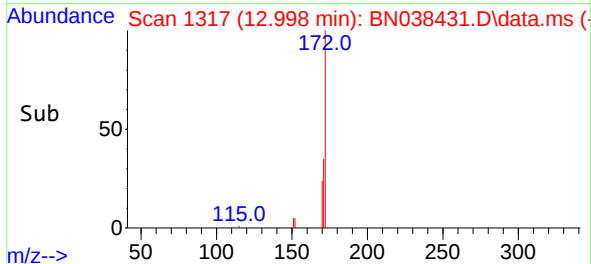
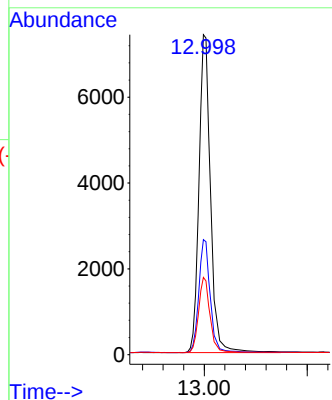
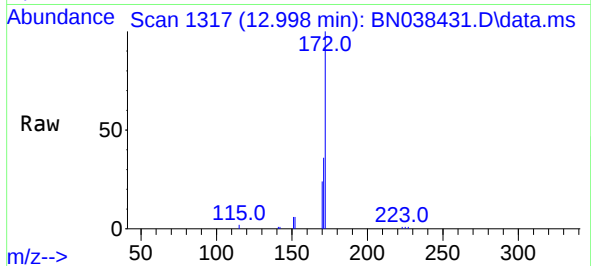




#15  
2-Fluorobiphenyl  
Concen: 0.464 ng  
RT: 12.998 min Scan# 1319  
Delta R.T. -0.010 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

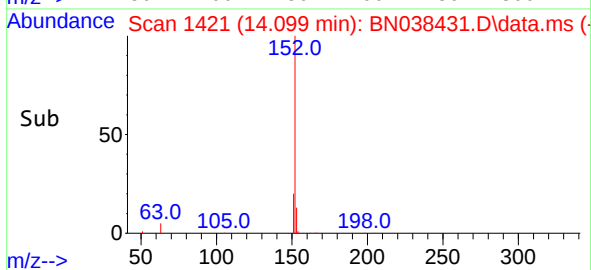
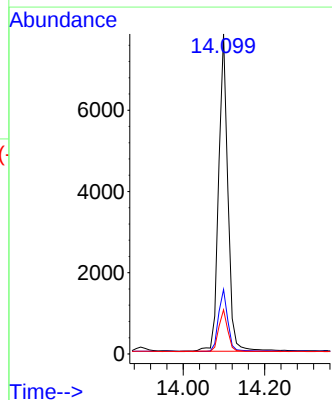
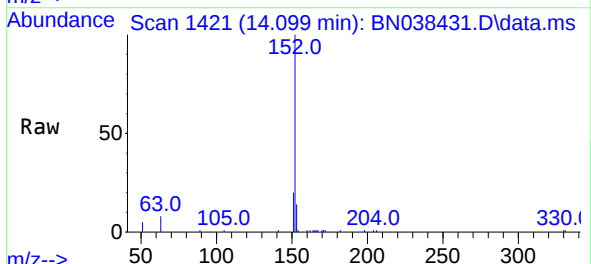
Instrument :  
BNA\_N  
ClientSampleId :  
PB170917BS

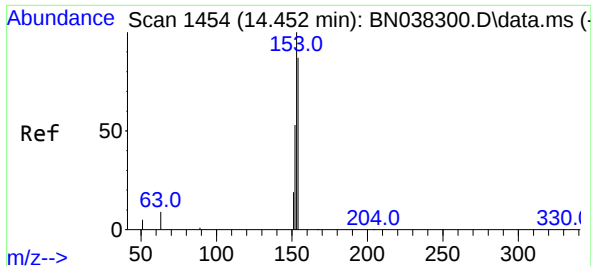
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 15925 |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 35.9  | 28.6  | 42.8  |
| 170      | 24.2  | 19.3  | 28.9  |



#16  
Acenaphthylene  
Concen: 0.349 ng  
RT: 14.099 min Scan# 1421  
Delta R.T. -0.011 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 12205 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 19.7  | 15.4  | 23.2  |
| 153      | 13.3  | 10.2  | 15.4  |

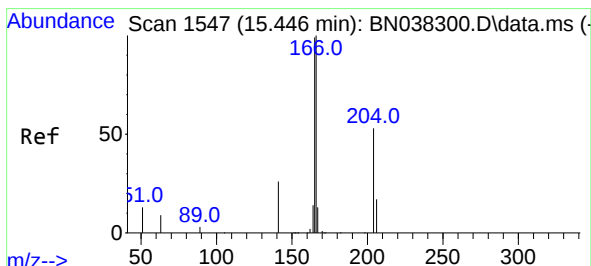
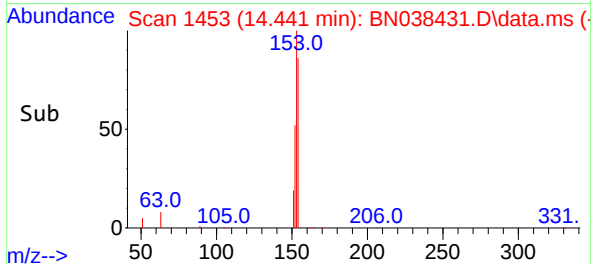
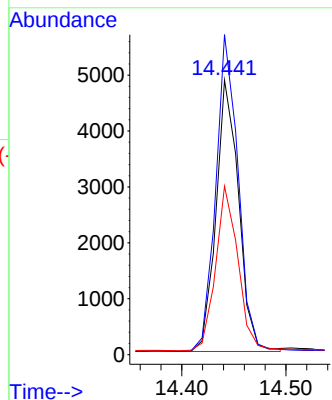
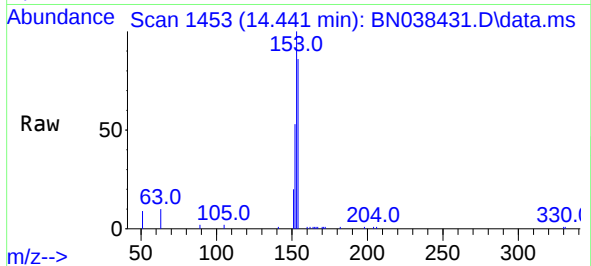




#17  
Acenaphthene  
Concen: 0.300 ng  
RT: 14.441 min Scan# 1453  
Delta R.T. -0.021 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

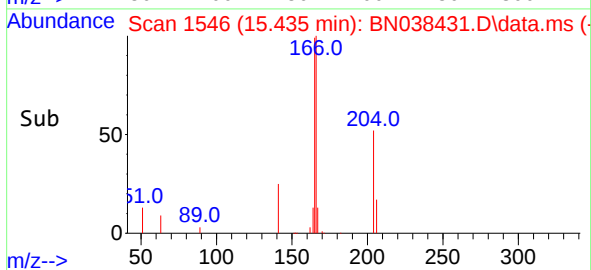
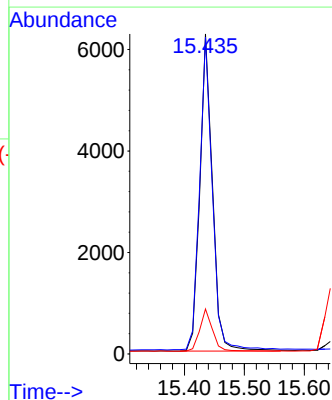
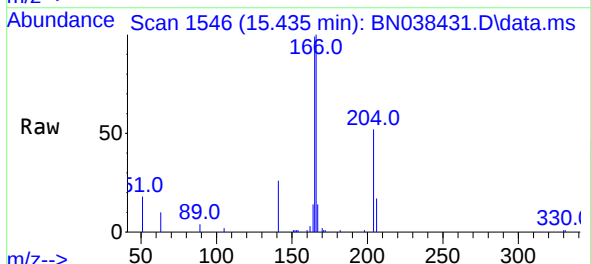
Instrument :  
BNA\_N  
ClientSampleId :  
PB170917BS

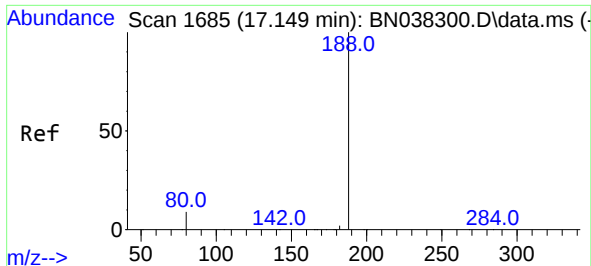
Tgt Ion:154 Resp: 7303  
Ion Ratio Lower Upper  
154 100  
153 116.1 89.8 134.8  
152 61.0 47.5 71.3



#18  
Fluorene  
Concen: 0.303 ng  
RT: 15.435 min Scan# 1546  
Delta R.T. -0.011 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

Tgt Ion:166 Resp: 9500  
Ion Ratio Lower Upper  
166 100  
165 98.8 80.2 120.4  
167 13.8 10.6 16.0

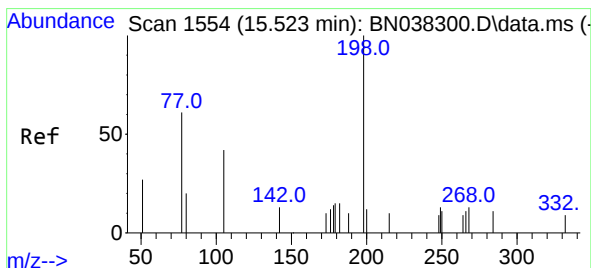
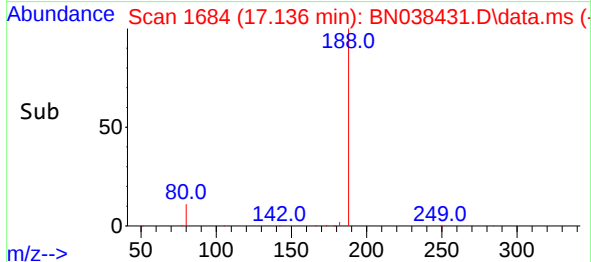
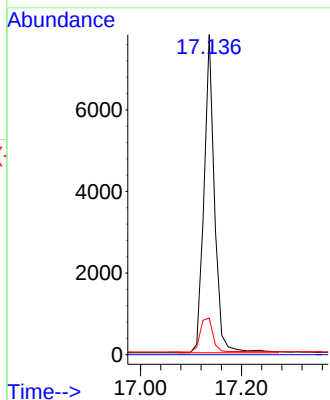
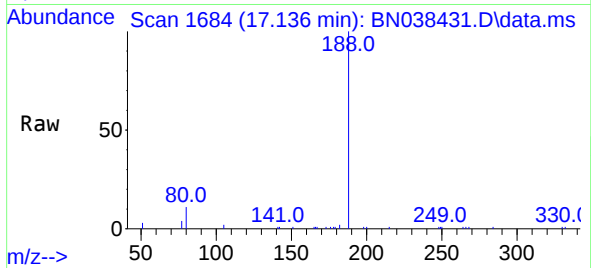




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.136 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

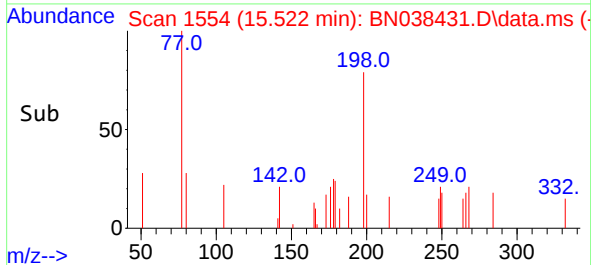
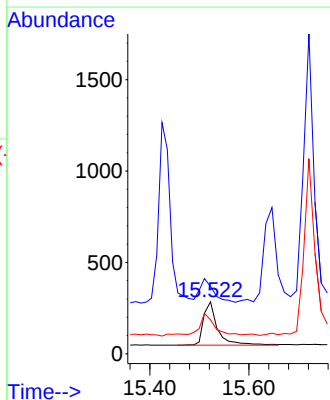
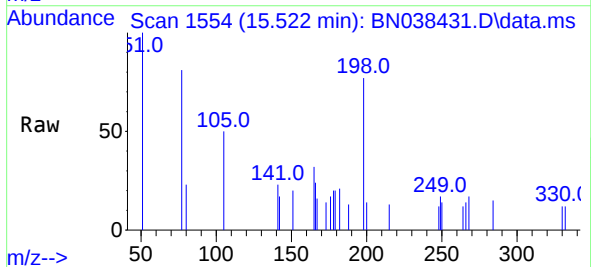
Instrument :  
BNA\_N  
ClientSampleId :  
PB170917BS

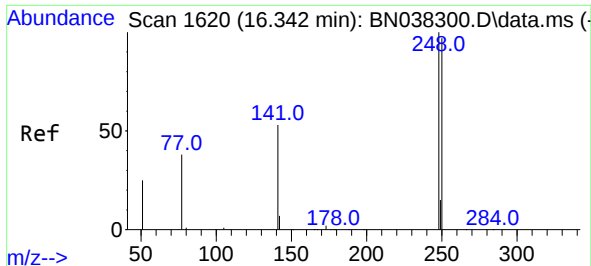
Tgt Ion:188 Resp: 11308  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.5 7.4 11.0#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.247 ng  
RT: 15.522 min Scan# 1554  
Delta R.T. 0.000 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

Tgt Ion:198 Resp: 459  
Ion Ratio Lower Upper  
198 100  
51 129.5 86.3 129.5  
105 65.3 45.3 67.9





#21

4-Bromophenyl-phenylether

Concen: 0.332 ng

RT: 16.329 min Scan# 1619

Delta R.T. -0.013 min

Lab File: BN038431.D

Acq: 16 Dec 2025 08:20

Instrument :

BNA\_N

ClientSampleId :

PB170917BS

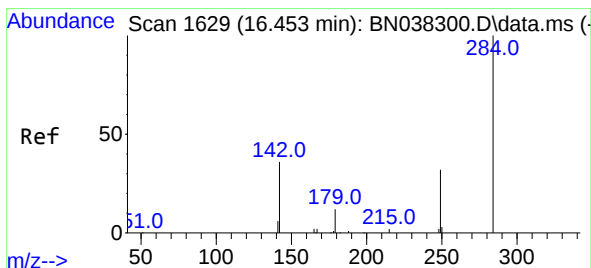
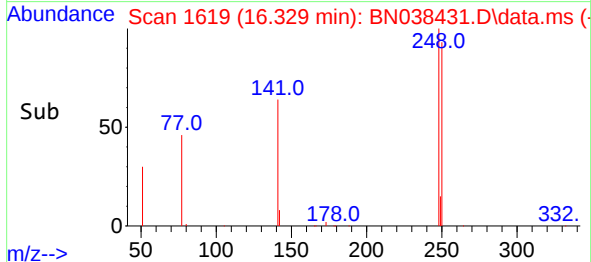
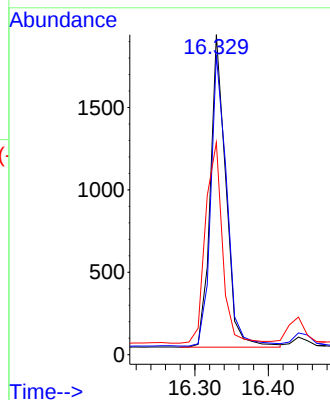
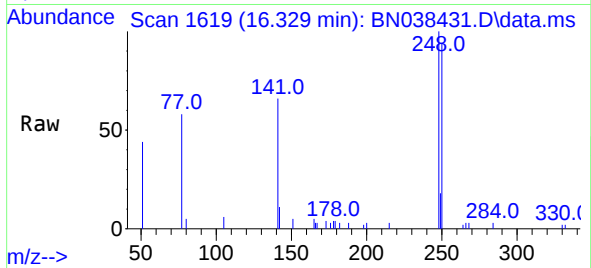
Tgt Ion:248 Resp: 2783

Ion Ratio Lower Upper

248 100

250 93.8 78.2 117.2

141 66.3 43.7 65.5#



#22

Hexachlorobenzene

Concen: 0.342 ng

RT: 16.441 min Scan# 1628

Delta R.T. -0.025 min

Lab File: BN038431.D

Acq: 16 Dec 2025 08:20

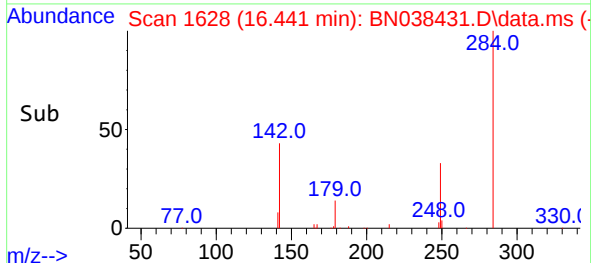
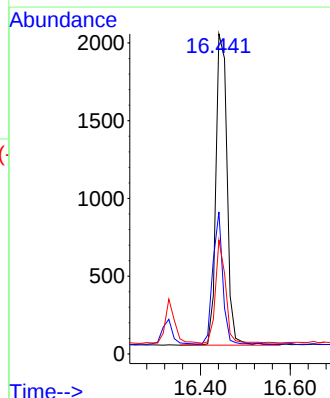
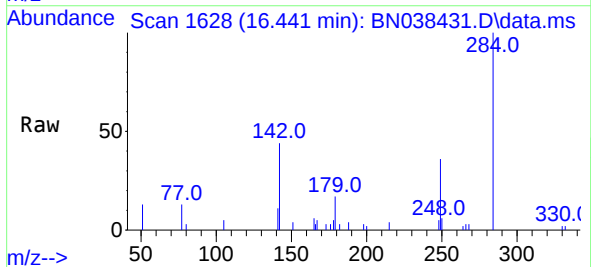
Tgt Ion:284 Resp: 3445

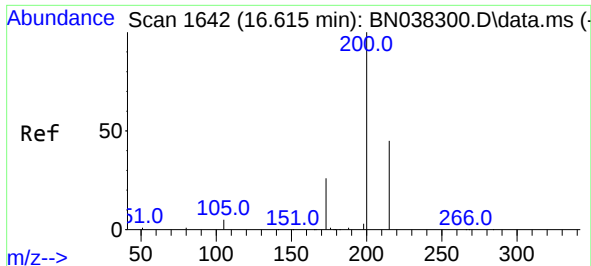
Ion Ratio Lower Upper

284 100

142 37.4 29.5 44.3

249 30.1 23.7 35.5

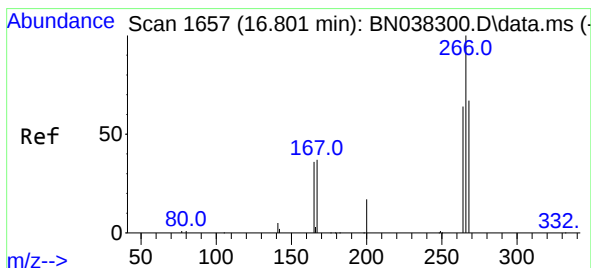
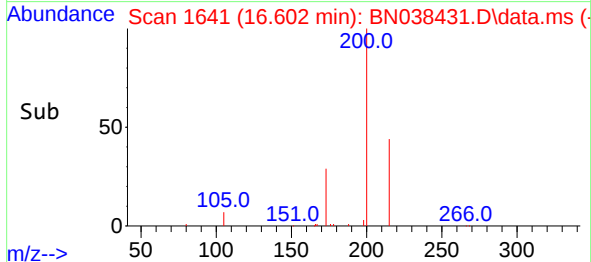
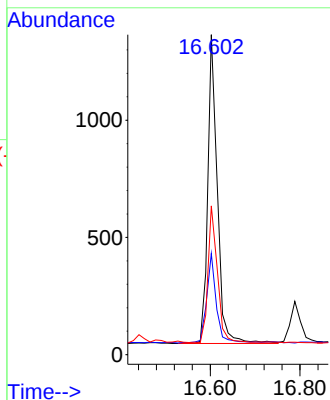
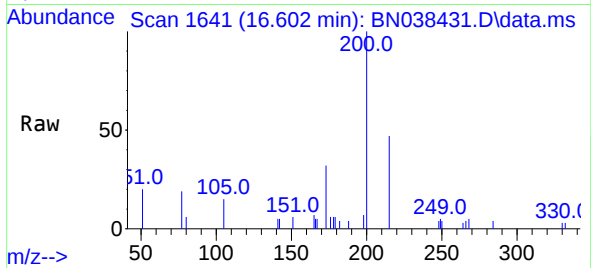




#23  
Atrazine  
Concen: 0.339 ng  
RT: 16.602 min Scan# 1641  
Delta R.T. -0.012 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

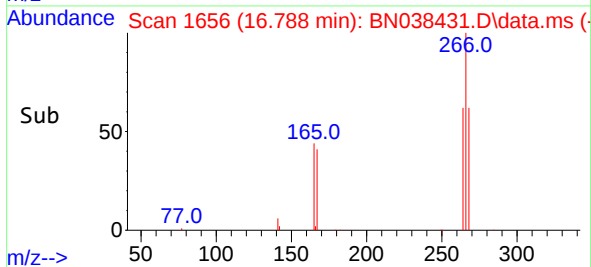
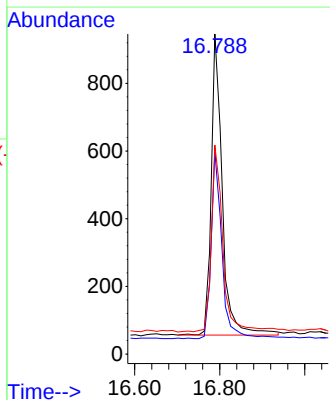
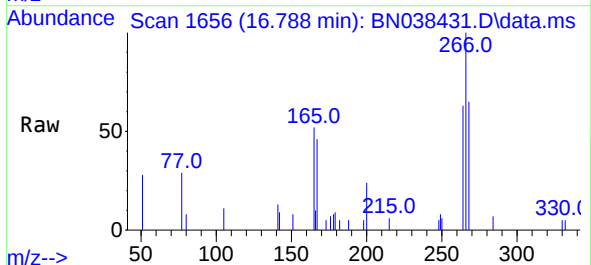
Instrument :  
BNA\_N  
ClientSampleId :  
PB170917BS

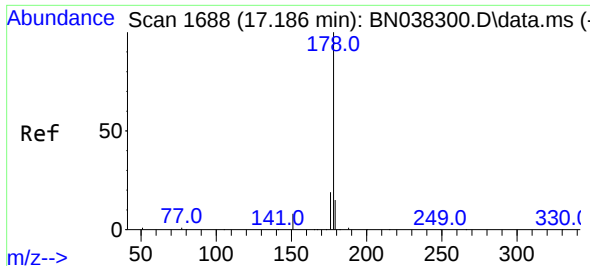
Tgt Ion:200 Resp: 1939  
Ion Ratio Lower Upper  
200 100  
173 31.6 22.1 33.1  
215 46.5 37.4 56.2



#24  
Pentachlorophenol  
Concen: 0.408 ng  
RT: 16.788 min Scan# 1656  
Delta R.T. -0.012 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

Tgt Ion:266 Resp: 1604  
Ion Ratio Lower Upper  
266 100  
264 60.3 50.2 75.2  
268 63.6 52.6 78.8

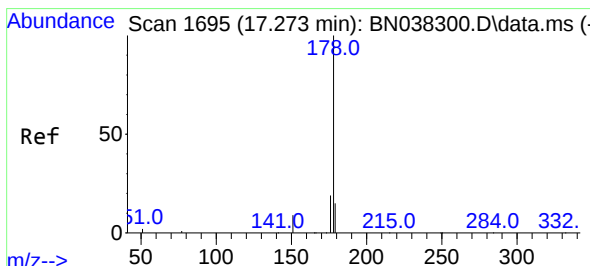
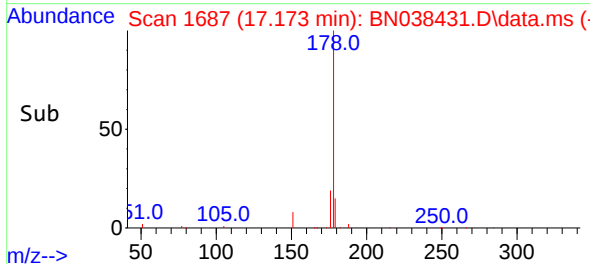
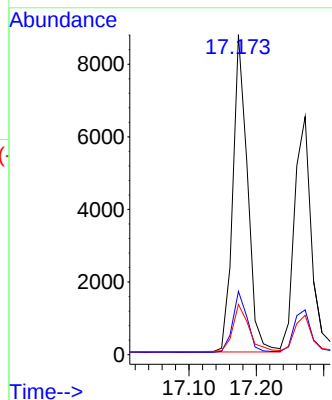
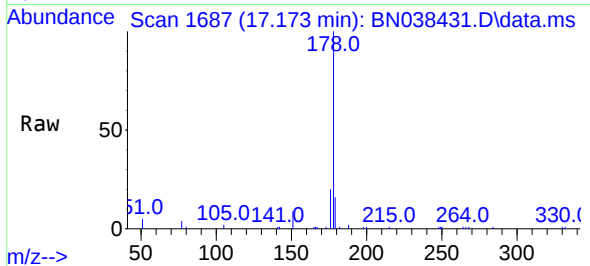




#25  
Phenanthrene  
Concen: 0.336 ng  
RT: 17.173 min Scan# 1687  
Delta R.T. -0.012 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

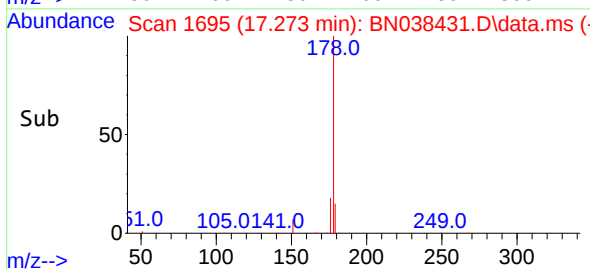
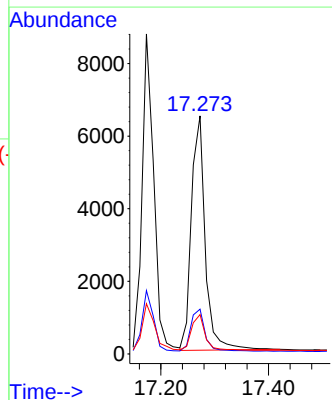
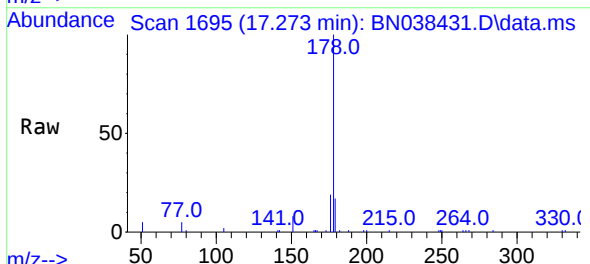
Instrument : BNA\_N  
ClientSampleId : PB170917BS

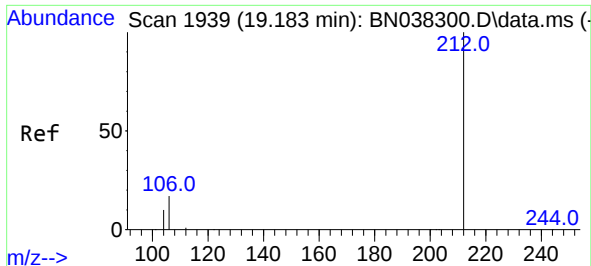
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 178   | Resp: | 13226 |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 176      | 19.2  | 15.5  | 23.3  |
| 179      | 16.7  | 12.2  | 18.2  |



#26  
Anthracene  
Concen: 0.341 ng  
RT: 17.273 min Scan# 1695  
Delta R.T. -0.012 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 178   | Resp: | 11567 |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 176      | 18.5  | 15.1  | 22.7  |
| 179      | 15.3  | 12.0  | 18.0  |

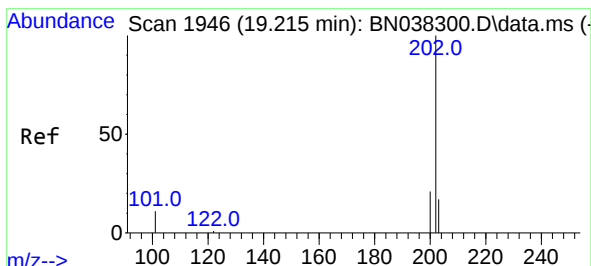
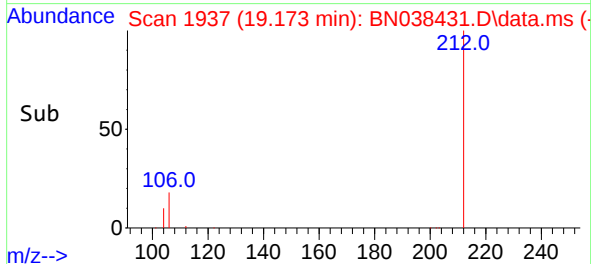
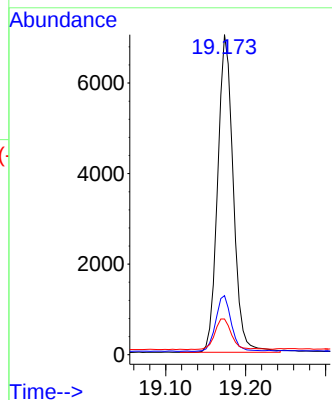
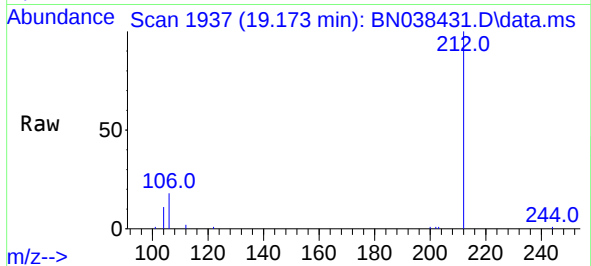




#27  
Fluoranthene-d10  
Concen: 0.341 ng  
RT: 19.173 min Scan# 1937  
Delta R.T. -0.014 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

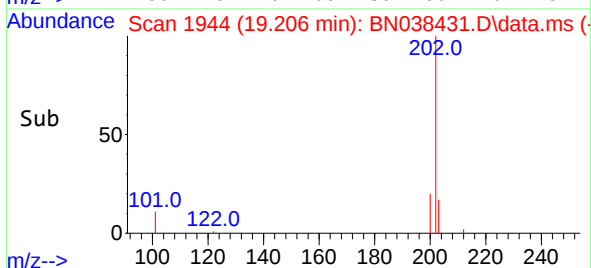
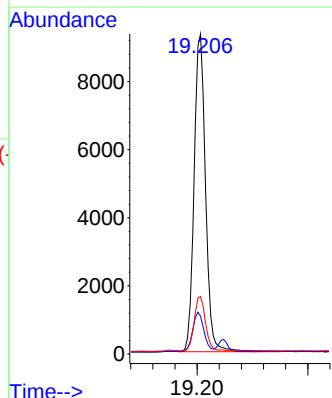
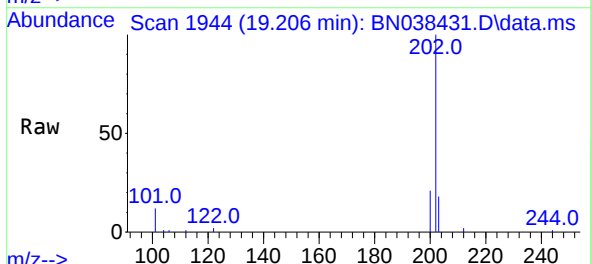
Instrument :  
BNA\_N  
ClientSampleId :  
PB170917BS

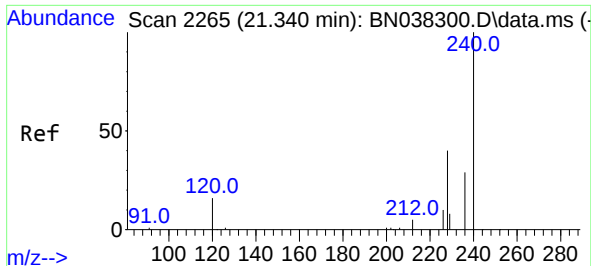
Tgt Ion:212 Resp: 9542  
Ion Ratio Lower Upper  
212 100  
106 17.5 13.7 20.5  
104 10.3 7.8 11.8



#28  
Fluoranthene  
Concen: 0.320 ng  
RT: 19.206 min Scan# 1944  
Delta R.T. -0.014 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

Tgt Ion:202 Resp: 13407  
Ion Ratio Lower Upper  
202 100  
101 12.0 9.6 14.4  
203 17.0 13.5 20.3

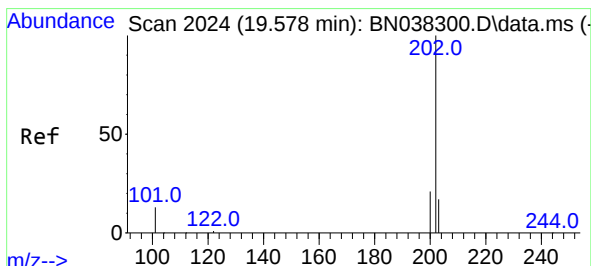
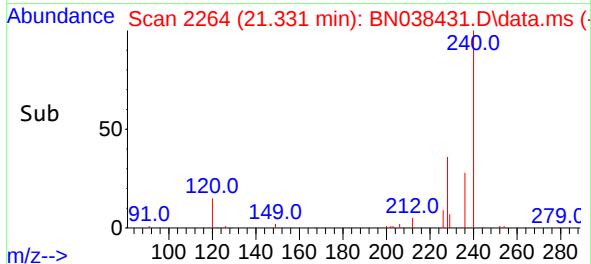
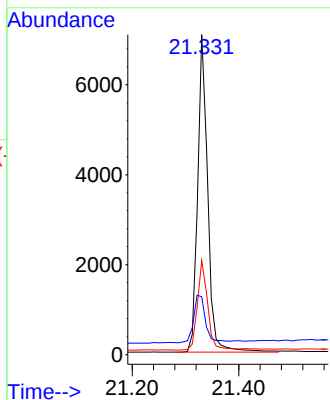
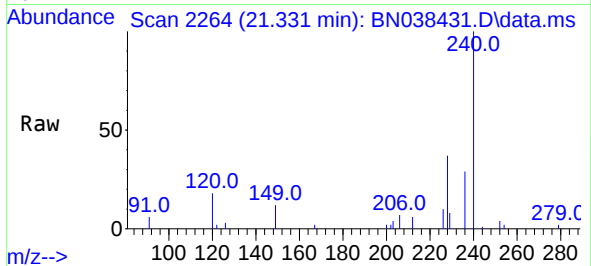




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.331 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

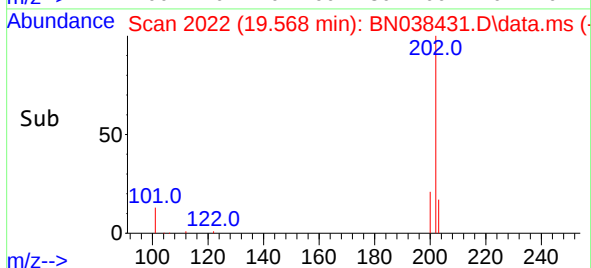
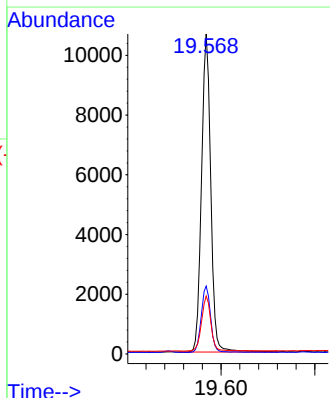
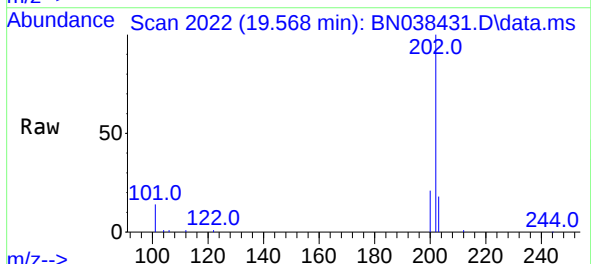
Instrument :  
BNA\_N  
ClientSampleId :  
PB170917BS

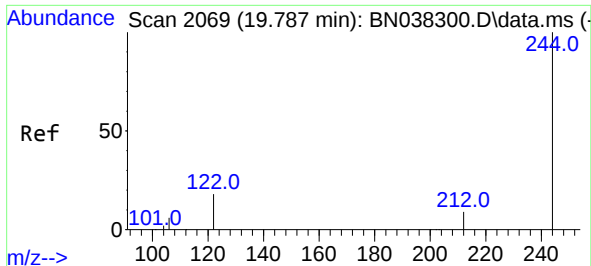
Tgt Ion:240 Resp: 9311  
Ion Ratio Lower Upper  
240 100  
120 18.1 15.4 23.2  
236 29.4 23.9 35.9



#30  
Pyrene  
Concen: 0.317 ng  
RT: 19.568 min Scan# 2022  
Delta R.T. -0.014 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

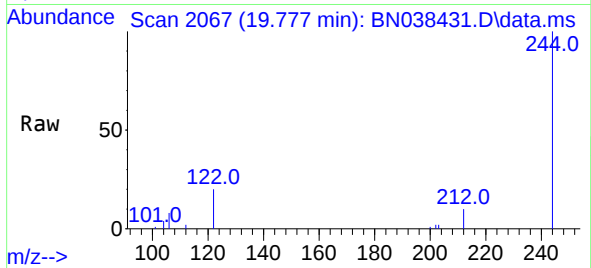
Tgt Ion:202 Resp: 14521  
Ion Ratio Lower Upper  
202 100  
200 20.9 16.9 25.3  
203 17.3 14.2 21.2





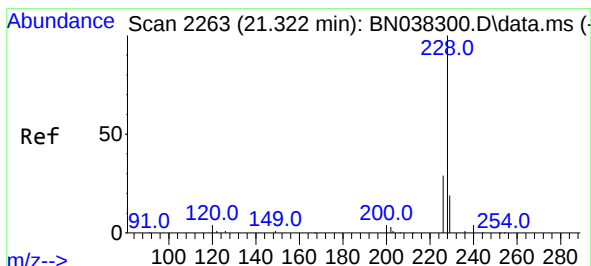
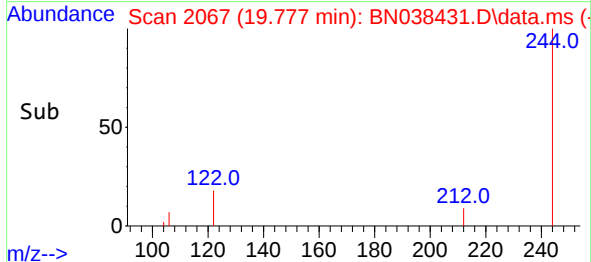
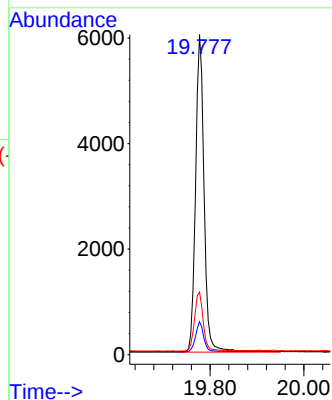
#31  
 Terphenyl-d14  
 Concen: 0.367 ng  
 RT: 19.777 min Scan# 2067  
 Delta R.T. -0.014 min  
 Lab File: BN038431.D  
 Acq: 16 Dec 2025 08:20

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB170917BS



Tgt Ion:244 Resp: 7636

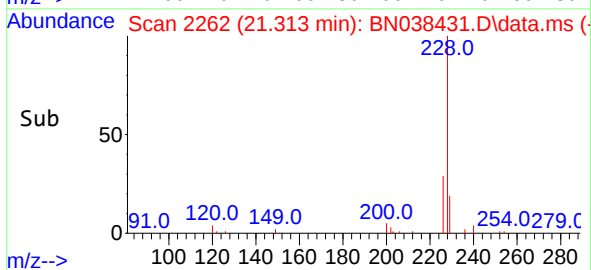
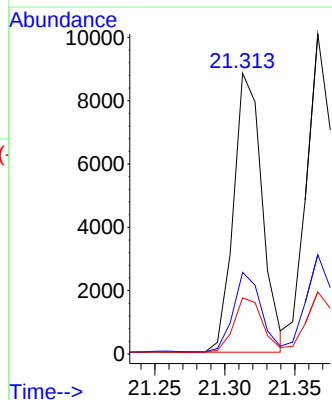
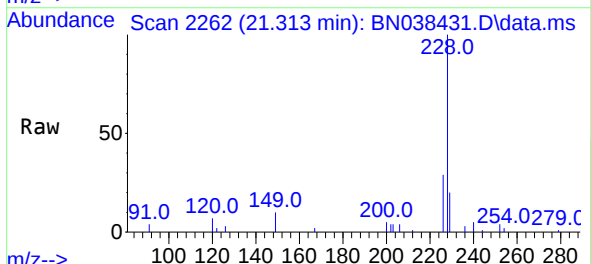
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 10.3  | 7.9   | 11.9  |
| 122 | 19.5  | 15.0  | 22.6  |

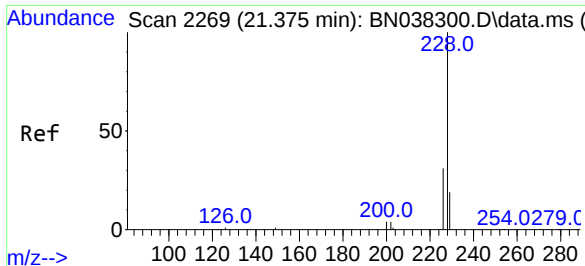


#32  
 Benzo(a)anthracene  
 Concen: 0.349 ng  
 RT: 21.313 min Scan# 2262  
 Delta R.T. -0.018 min  
 Lab File: BN038431.D  
 Acq: 16 Dec 2025 08:20

Tgt Ion:228 Resp: 12558

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.1  | 23.3  | 34.9  |
| 229 | 20.0  | 15.7  | 23.5  |

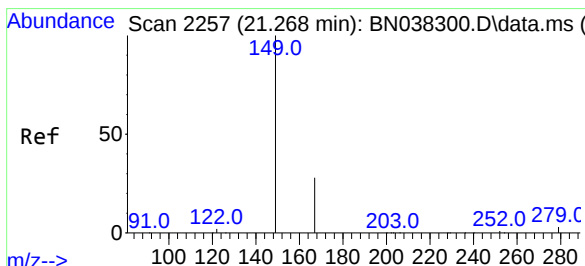
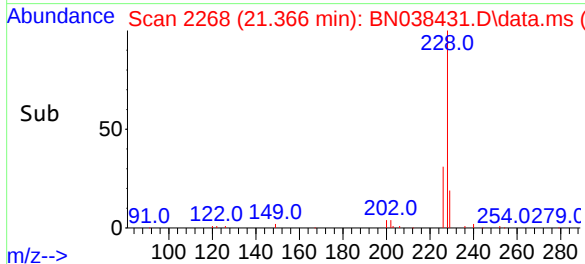
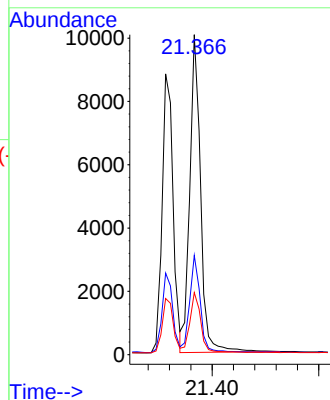
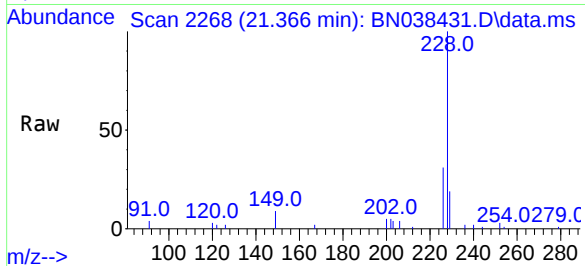




#33  
Chrysene  
Concen: 0.357 ng  
RT: 21.366 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

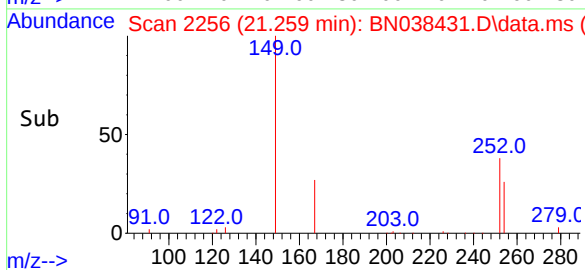
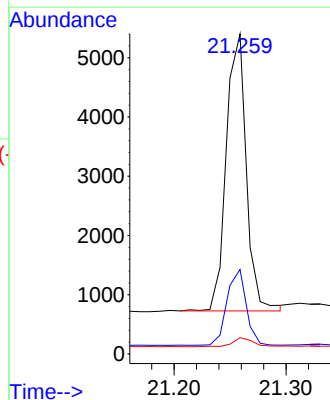
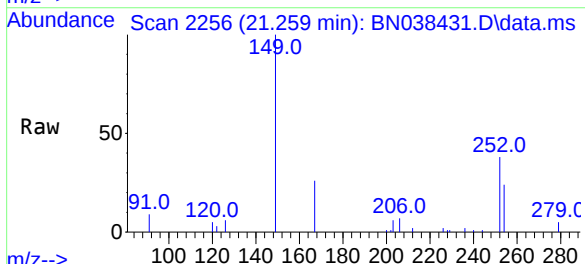
Instrument :  
BNA\_N  
ClientSampleId :  
PB170917BS

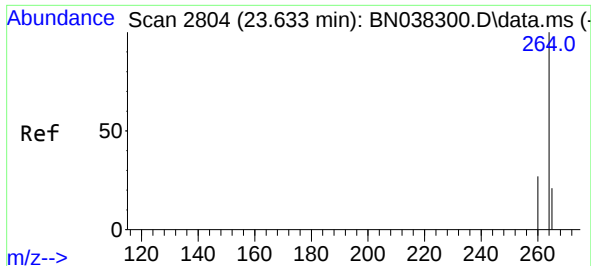
Tgt Ion:228 Resp: 14131  
Ion Ratio Lower Upper  
228 100  
226 31.0 25.0 37.4  
229 19.4 15.5 23.3



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.294 ng  
RT: 21.259 min Scan# 2256  
Delta R.T. -0.009 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

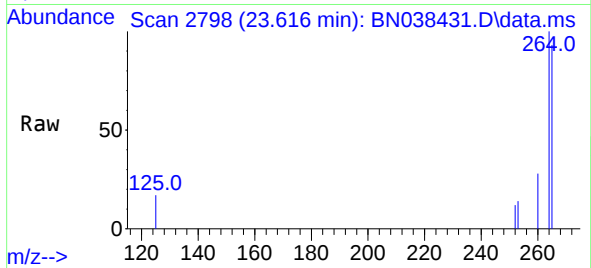
Tgt Ion:149 Resp: 5803  
Ion Ratio Lower Upper  
149 100  
167 26.2 21.4 32.0  
279 3.5 2.4 3.6



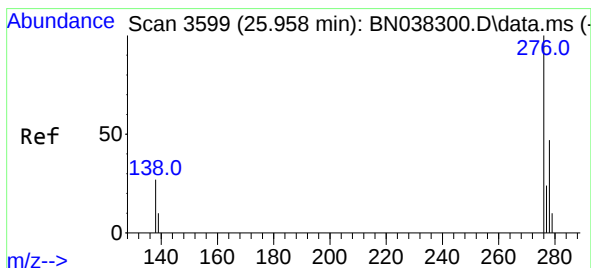
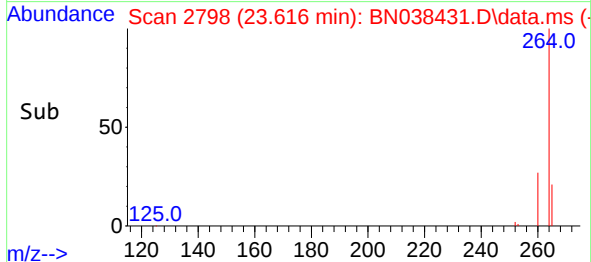
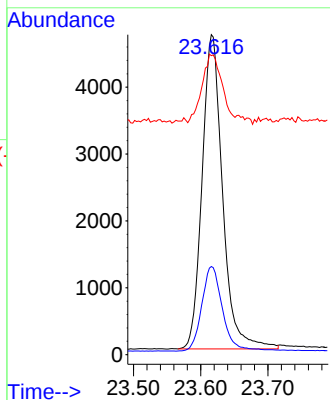


#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.616 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

Instrument :  
BNA\_N  
ClientSampleId :  
PB170917BS

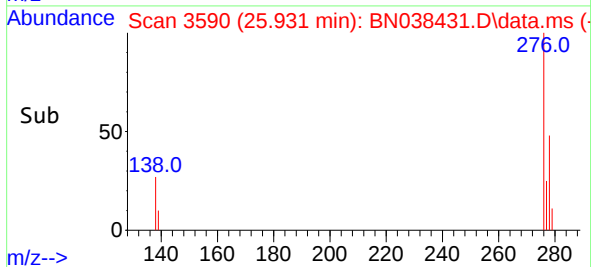
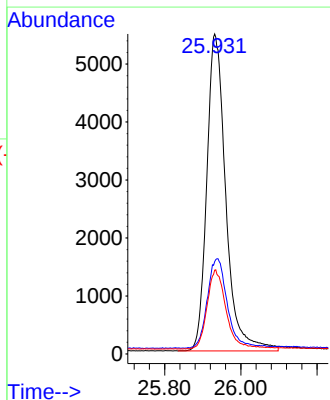
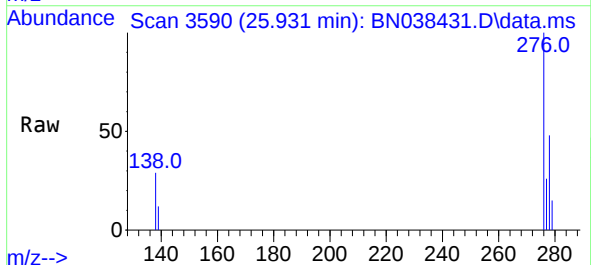


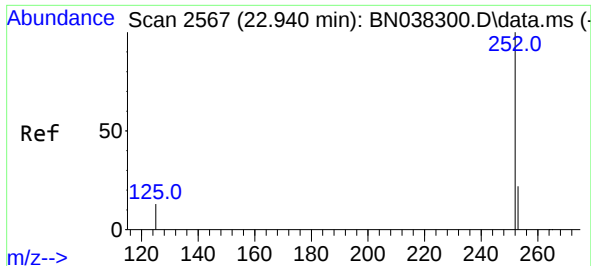
Tgt Ion:264 Resp: 9963  
Ion Ratio Lower Upper  
264 100  
260 27.5 22.2 33.2  
265 93.4 80.2 120.2



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.358 ng  
RT: 25.931 min Scan# 3590  
Delta R.T. -0.032 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

Tgt Ion:276 Resp: 18917  
Ion Ratio Lower Upper  
276 100  
138 29.5 23.6 35.4  
277 24.9 19.7 29.5

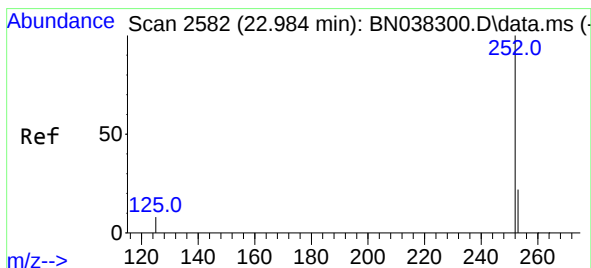
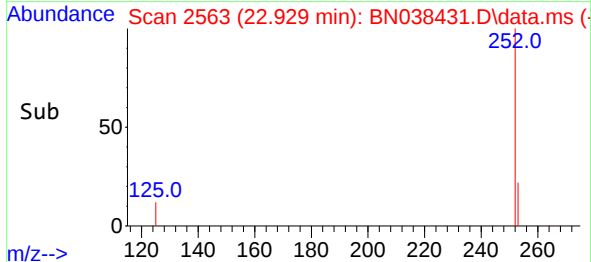
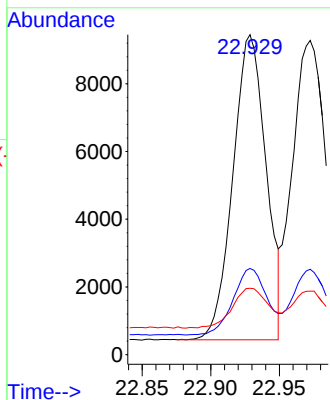
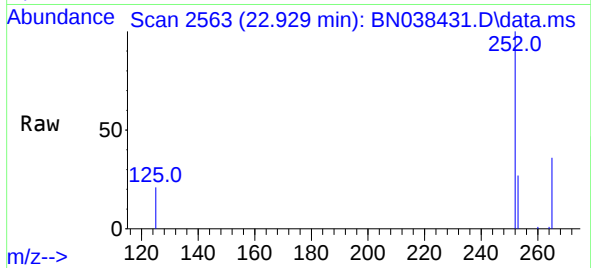




#37  
Benzo(b)fluoranthene  
Concen: 0.331 ng  
RT: 22.929 min Scan# 2563  
Delta R.T. -0.018 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

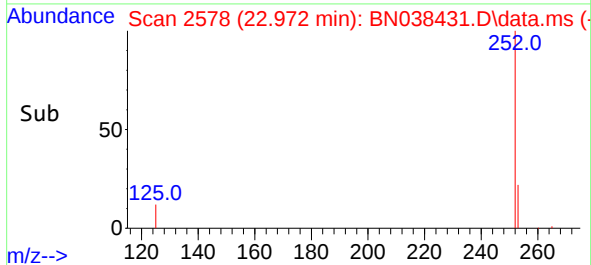
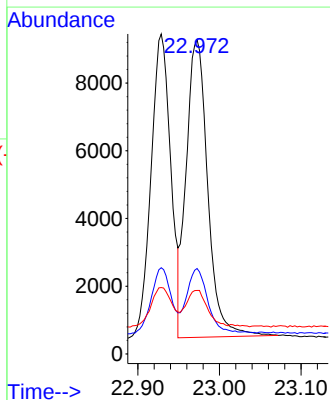
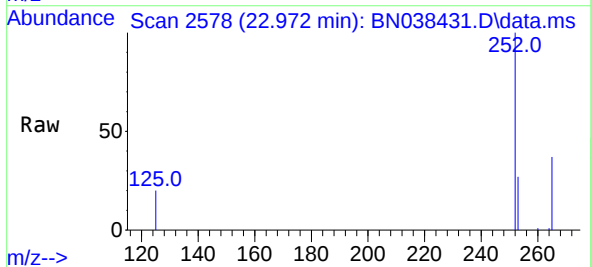
Instrument :  
BNA\_N  
ClientSampleId :  
PB170917BS

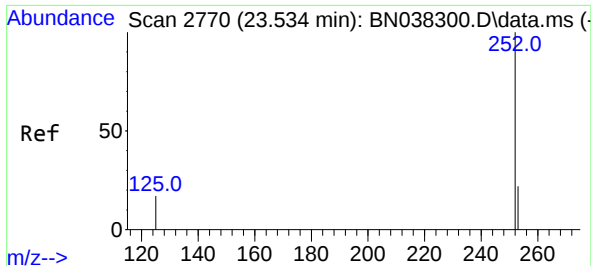
Tgt Ion:252 Resp: 15138  
Ion Ratio Lower Upper  
252 100  
253 27.0 21.1 31.7  
125 20.7 16.4 24.6



#38  
Benzo(k)fluoranthene  
Concen: 0.353 ng  
RT: 22.972 min Scan# 2578  
Delta R.T. -0.018 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

Tgt Ion:252 Resp: 16126  
Ion Ratio Lower Upper  
252 100  
253 27.2 21.4 32.0  
125 20.2 16.2 24.2

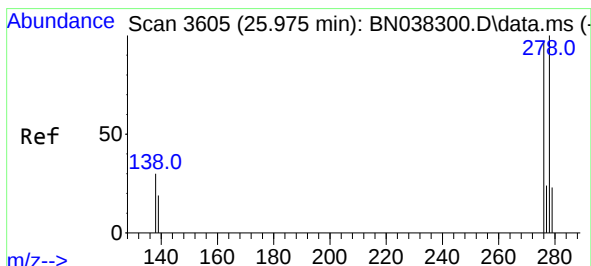
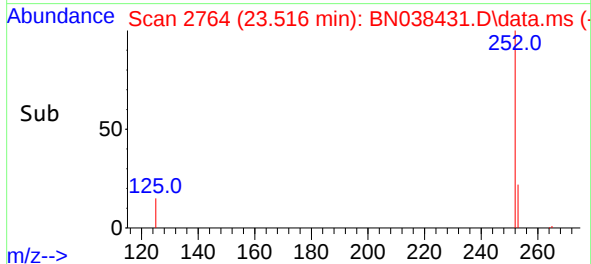
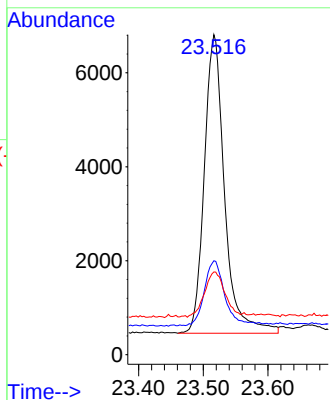
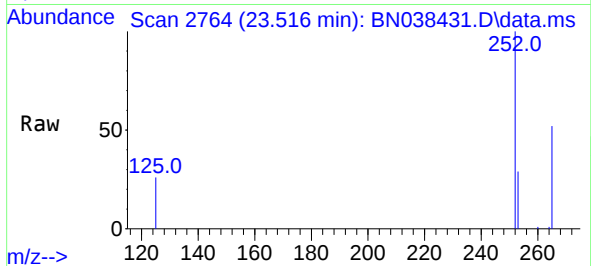




#39  
Benzo(a)pyrene  
Concen: 0.370 ng  
RT: 23.516 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

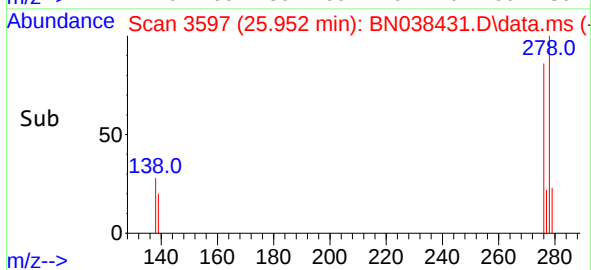
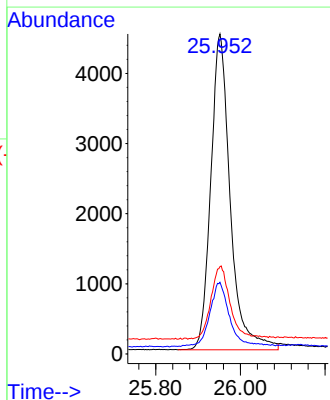
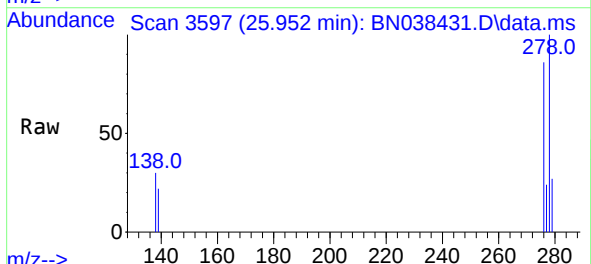
Instrument :  
BNA\_N  
ClientSampleId :  
PB170917BS

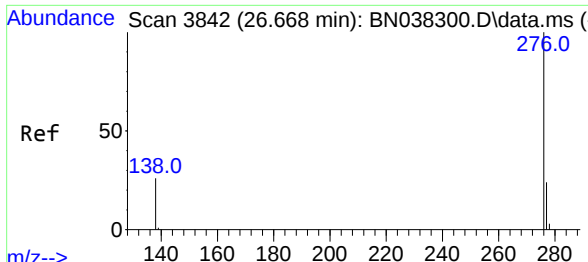
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 252   | Resp: | 13863 |
| Ion      | Ratio | Lower | Upper |
| 252      | 100   |       |       |
| 253      | 29.4  | 23.3  | 34.9  |
| 125      | 25.9  | 22.4  | 33.6  |



#40  
Dibenzo(a,h)anthracene  
Concen: 0.353 ng  
RT: 25.952 min Scan# 3597  
Delta R.T. -0.029 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

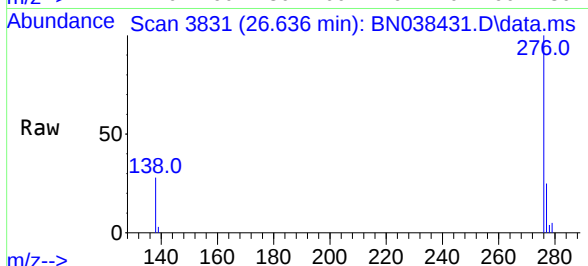
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 278   | Resp: | 14392 |
| Ion      | Ratio | Lower | Upper |
| 278      | 100   |       |       |
| 139      | 22.4  | 17.8  | 26.8  |
| 279      | 27.3  | 21.3  | 31.9  |





#41  
Benzo(g,h,i)perylene  
Concen: 0.350 ng  
RT: 26.636 min Scan# 3841  
Delta R.T. -0.041 min  
Lab File: BN038431.D  
Acq: 16 Dec 2025 08:20

Instrument :  
BNA\_N  
ClientSampleId :  
PB170917BS



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 15941 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 25.1  | 20.0  | 30.0  |
| 138      | 27.6  | 21.8  | 32.6  |

