

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121125\  
 Data File : BN038330.D  
 Acq On : 11 Dec 2025 23:59  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Dec 12 00:29:21 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

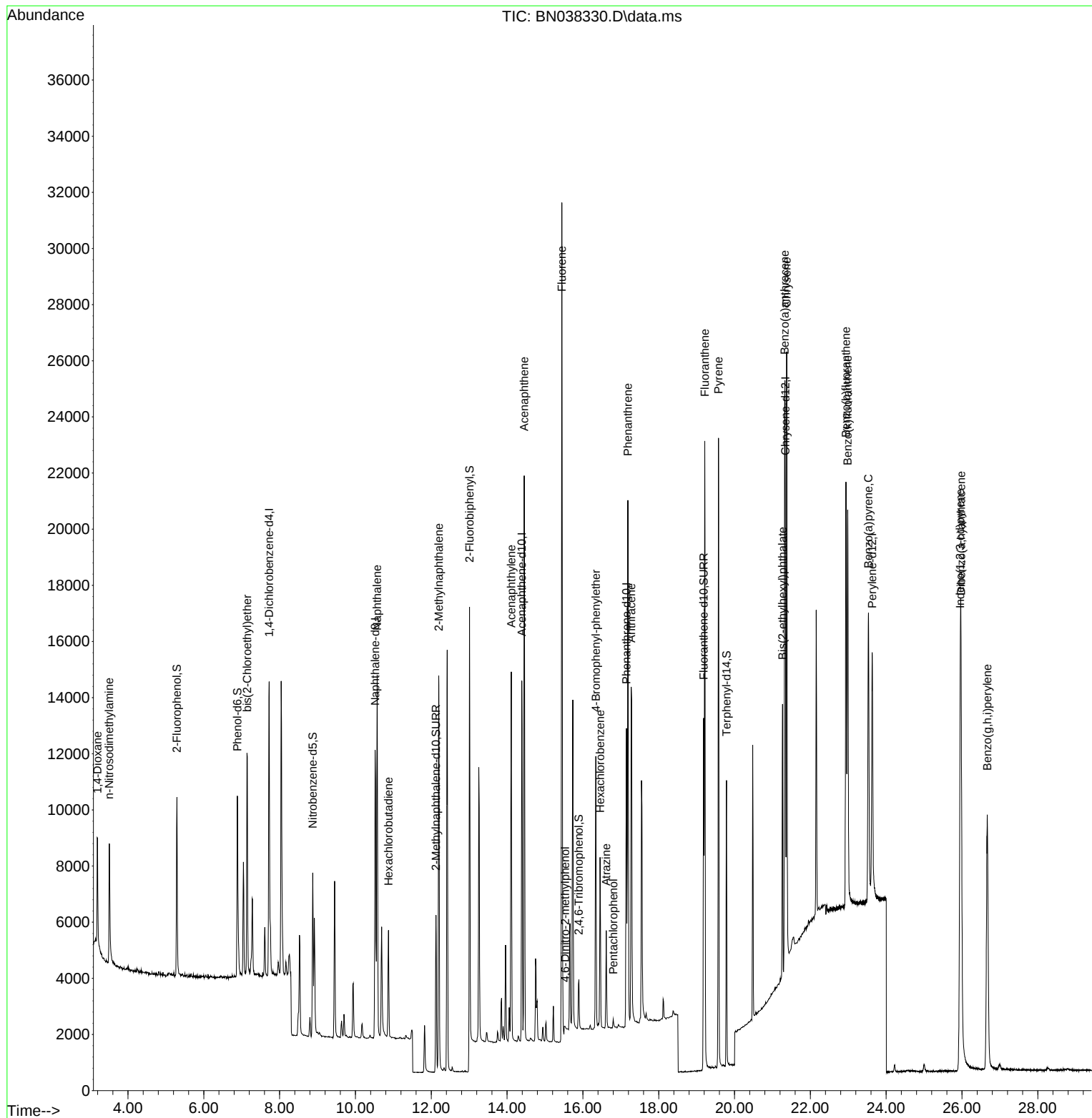
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.724  | 152  | 5325     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.519 | 136  | 14404    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.387 | 164  | 7509     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.148 | 188  | 13836    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.339 | 240  | 10979    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.630 | 264  | 11587    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.290  | 112  | 5242     | 0.395 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.886  | 99   | 6267     | 0.398 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.875  | 82   | 4702     | 0.387 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.126 | 152  | 8023     | 0.395 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.895 | 330  | 1194     | 0.358 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.008 | 172  | 14408    | 0.398 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.187 | 212  | 13666    | 0.399 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.787 | 244  | 9312     | 0.380 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.196  | 88   | 2553     | 0.418 | ng    | 97       |
| 3) n-Nitrosodimethylamine     | 3.506  | 42   | 2945     | 0.385 | ng    | 99       |
| 6) bis(2-Chloroethyl)ether    | 7.146  | 93   | 6188     | 0.401 | ng    | 99       |
| 9) Naphthalene                | 10.573 | 128  | 16835    | 0.395 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.872 | 225  | 2984     | 0.394 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.197 | 142  | 10700    | 0.396 | ng    | 99       |
| 16) Acenaphthylene            | 14.109 | 152  | 14216    | 0.386 | ng    | 99       |
| 17) Acenaphthene              | 14.452 | 154  | 9650     | 0.376 | ng    | 97       |
| 18) Fluorene                  | 15.446 | 166  | 12774    | 0.386 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.535 | 198  | 132      | 0.058 | ng    | # 1      |
| 21) 4-Bromophenyl-phenylether | 16.342 | 248  | 3914     | 0.381 | ng    | 98       |
| 22) Hexachlorobenzene         | 16.453 | 284  | 4794     | 0.388 | ng    | 99       |
| 23) Atrazine                  | 16.615 | 200  | 2660     | 0.380 | ng    | 98       |
| 24) Pentachlorophenol         | 16.801 | 266  | 196      | 0.041 | ng    | 96       |
| 25) Phenanthrene              | 17.186 | 178  | 18585    | 0.386 | ng    | 100      |
| 26) Anthracene                | 17.273 | 178  | 15922    | 0.383 | ng    | 100      |
| 28) Fluoranthene              | 19.215 | 202  | 20173    | 0.394 | ng    | 100      |
| 30) Pyrene                    | 19.578 | 202  | 20437    | 0.378 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.322 | 228  | 16446    | 0.388 | ng    | 99       |
| 33) Chrysene                  | 21.375 | 228  | 18567    | 0.398 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.268 | 149  | 8928     | 0.384 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.955 | 276  | 22867    | 0.372 | ng    | 98       |
| 37) Benzo(b)fluoranthene      | 22.940 | 252  | 19430    | 0.365 | ng    | 100      |
| 38) Benzo(k)fluoranthene      | 22.984 | 252  | 18984    | 0.358 | ng    | 100      |
| 39) Benzo(a)pyrene            | 23.534 | 252  | 15994    | 0.367 | ng    | 99       |
| 40) Dibenzo(a,h)anthracene    | 25.975 | 278  | 17925    | 0.378 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 26.668 | 276  | 19418    | 0.366 | ng    | 100      |
| -----                         |        |      |          |       |       |          |

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

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Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
SSTDCCC0.4

Quant Time: Dec 12 00:29:21 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  
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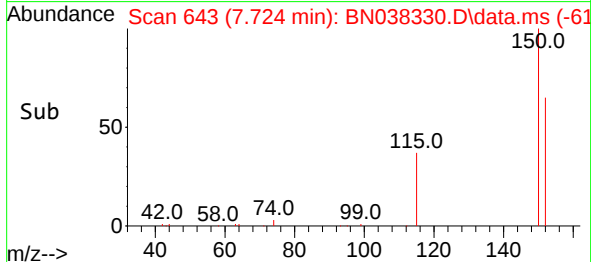
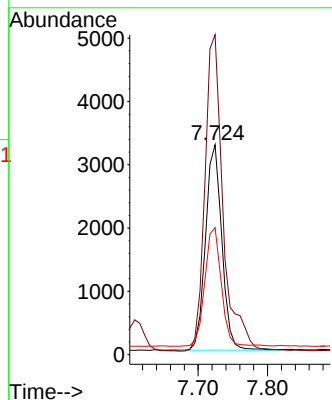
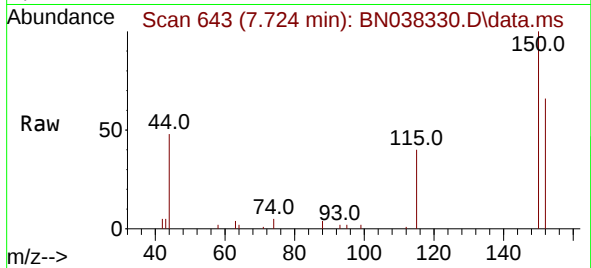




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.724 min Scan# 64  
 Delta R.T. 0.000 min  
 Lab File: BN038330.D  
 Acq: 11 Dec 2025 23:59

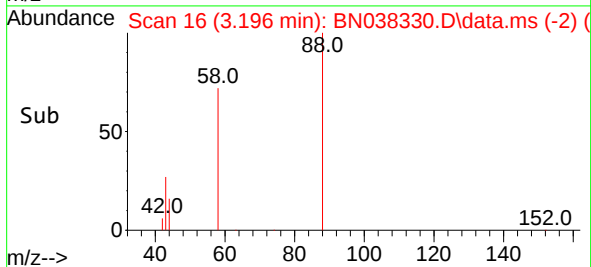
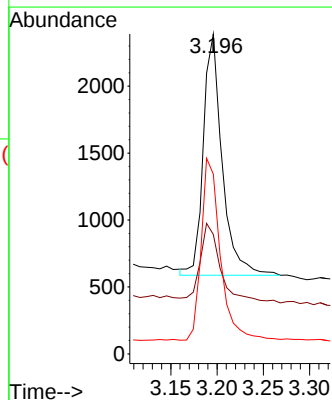
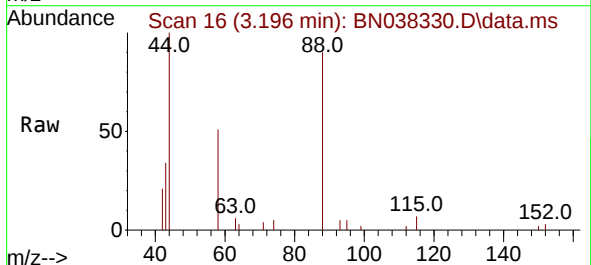
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 SSTDC0.4

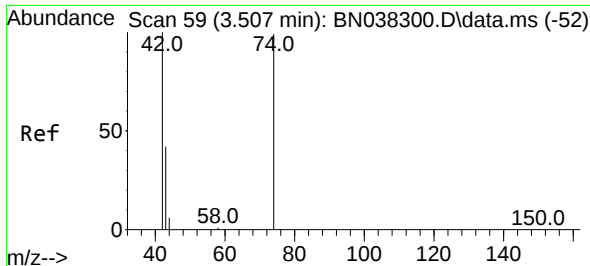
Tgt Ion:152 Resp: 5325  
 Ion Ratio Lower Upper  
 152 100  
 150 152.4 122.4 183.6  
 115 60.5 47.3 70.9



#2  
 1,4-Dioxane  
 Concen: 0.418 ng  
 RT: 3.196 min Scan# 16  
 Delta R.T. -0.000 min  
 Lab File: BN038330.D  
 Acq: 11 Dec 2025 23:59

Tgt Ion: 88 Resp: 2553  
 Ion Ratio Lower Upper  
 88 100  
 43 36.5 24.9 37.3  
 58 76.5 61.4 92.0

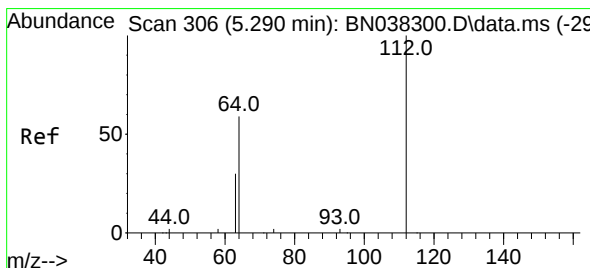
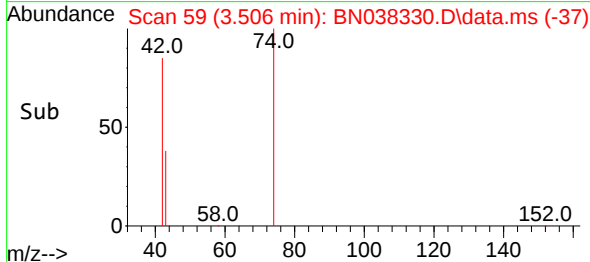
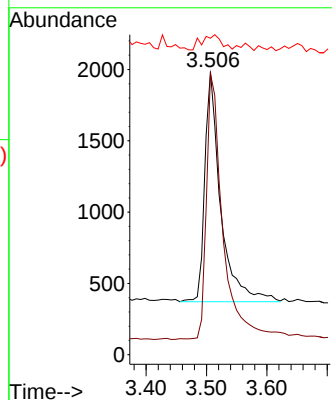
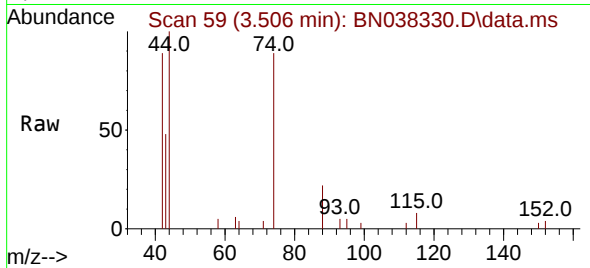




#3  
 n-Nitrosodimethylamine  
 Concen: 0.385 ng  
 RT: 3.506 min Scan# 59  
 Delta R.T. 0.007 min  
 Lab File: BN038330.D  
 Acq: 11 Dec 2025 23:59

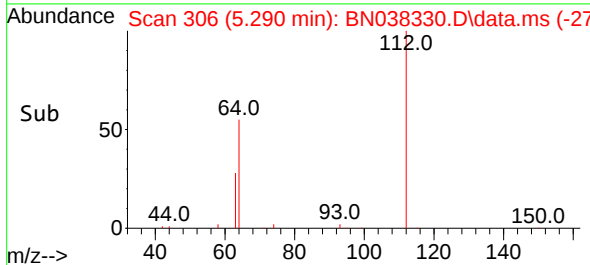
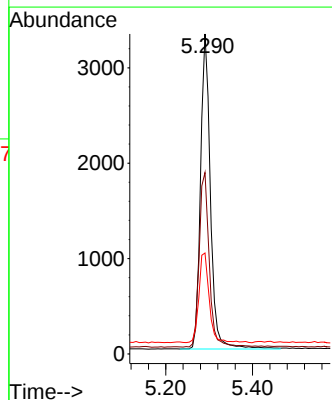
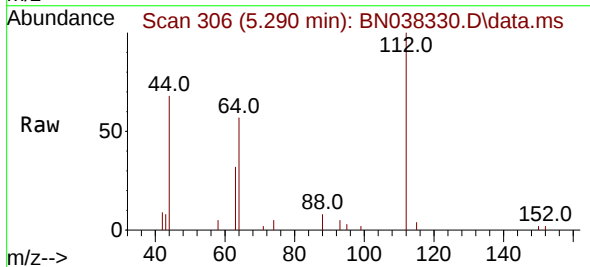
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 SSTDCCC0.4

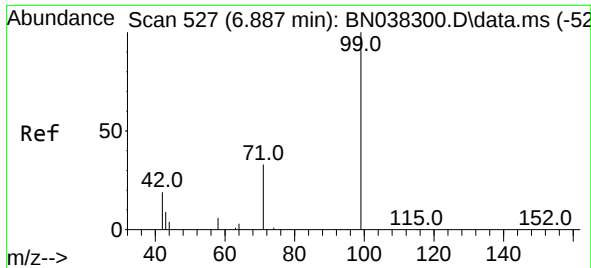
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 2945  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 120.0 | 95.3  | 142.9 |
| 44       | 8.0   | 7.9   | 11.9  |



#4  
 2-Fluorophenol  
 Concen: 0.395 ng  
 RT: 5.290 min Scan# 306  
 Delta R.T. -0.000 min  
 Lab File: BN038330.D  
 Acq: 11 Dec 2025 23:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 5242  |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 56.4  | 44.4  | 66.6  |
| 63       | 30.0  | 23.4  | 35.0  |

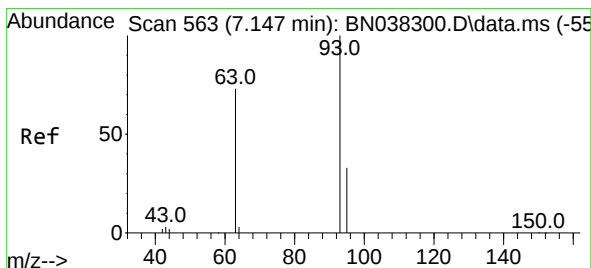
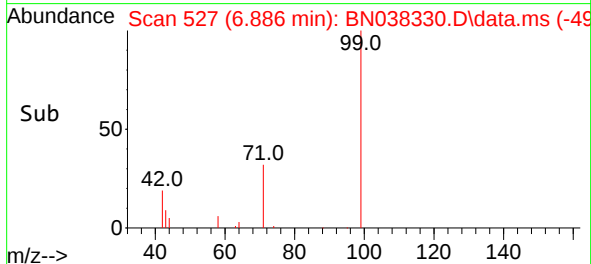
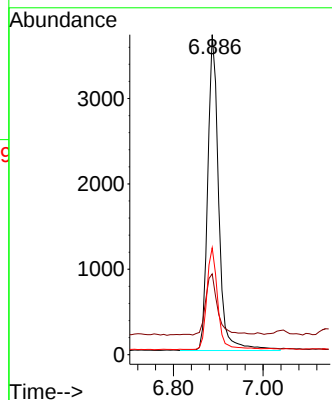
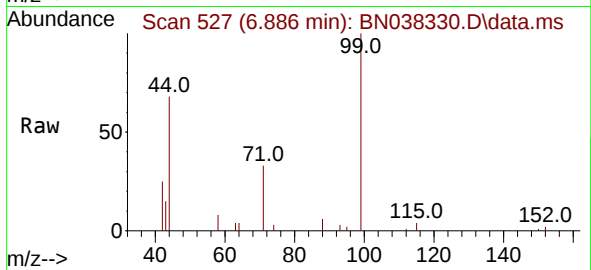




#5  
Phenol-d6  
Concen: 0.398 ng  
RT: 6.886 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BN038330.D  
Acq: 11 Dec 2025 23:59

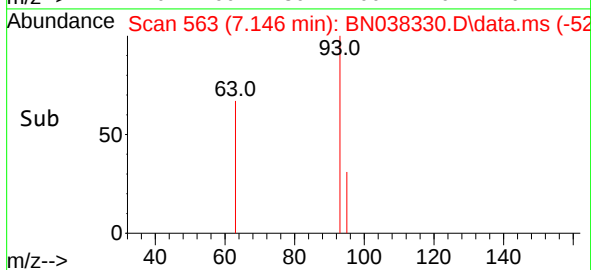
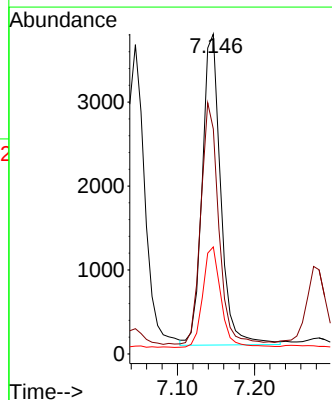
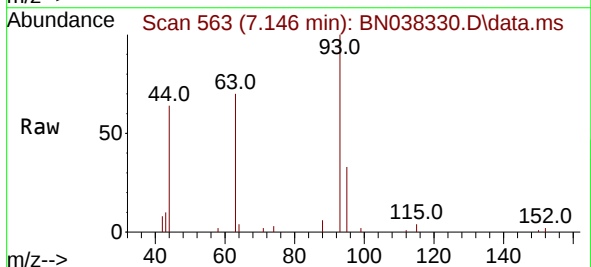
Instrument :  
MSVOA\_V  
ClientSampleId :  
SSTDCCC0.4

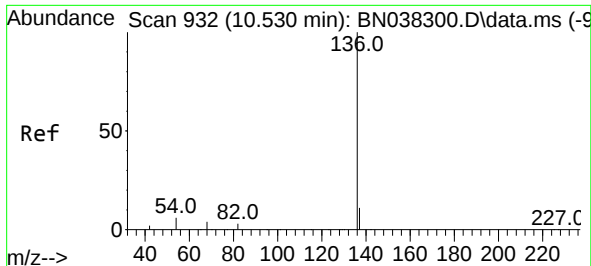
Tgt Ion: 99 Resp: 6267  
Ion Ratio Lower Upper  
99 100  
42 21.3 16.5 24.7  
71 31.9 24.9 37.3



#6  
bis(2-Chloroethyl)ether  
Concen: 0.401 ng  
RT: 7.146 min Scan# 563  
Delta R.T. -0.000 min  
Lab File: BN038330.D  
Acq: 11 Dec 2025 23:59

Tgt Ion: 93 Resp: 6188  
Ion Ratio Lower Upper  
93 100  
63 74.4 59.2 88.8  
95 31.9 25.2 37.8

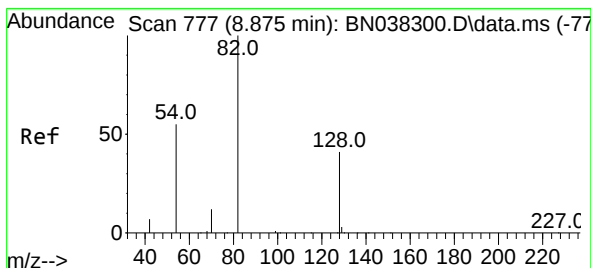
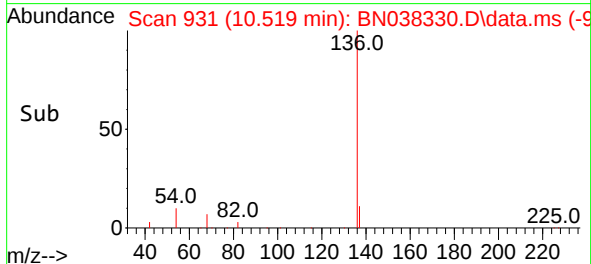
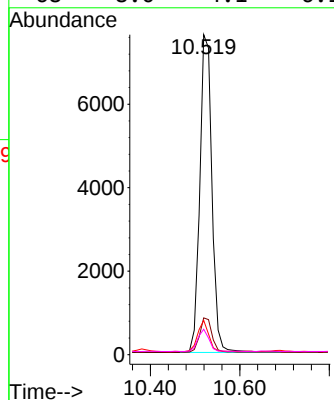
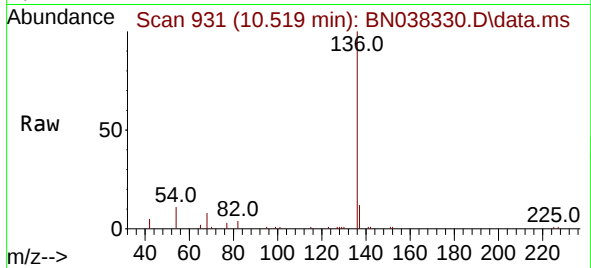




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.519 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN038330.D  
Acq: 11 Dec 2025 23:59

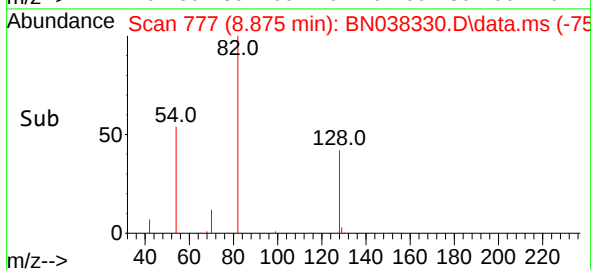
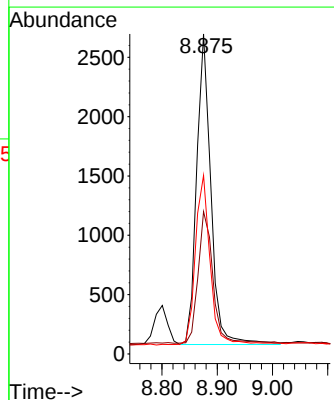
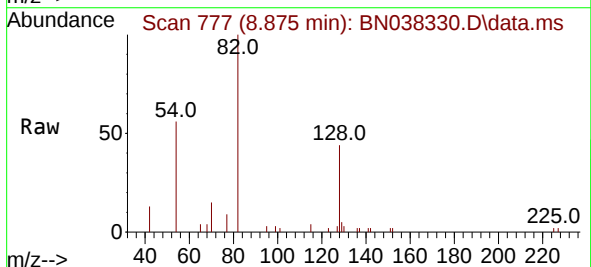
Instrument :  
MSVOA\_V  
ClientSampleId :  
SSTDCCC0.4

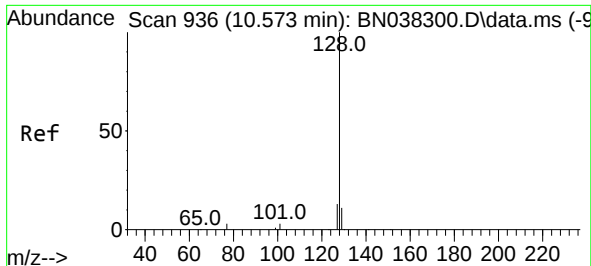
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 14404 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.5  | 9.1   | 13.7  |
| 54        | 10.7  | 5.2   | 7.8#  |
| 68        | 8.0   | 4.1   | 6.1#  |



#8  
Nitrobenzene-d5  
Concen: 0.387 ng  
RT: 8.875 min Scan# 777  
Delta R.T. -0.000 min  
Lab File: BN038330.D  
Acq: 11 Dec 2025 23:59

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 4702 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 44.5  | 34.0  | 51.0 |
| 54        | 55.8  | 44.4  | 66.6 |





#9  
Naphthalene

Concen: 0.395 ng

RT: 10.573 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN038330.D

Acq: 11 Dec 2025 23:59

Instrument :

MSVOA\_V

ClientSampleId :

SSTDCCC0.4

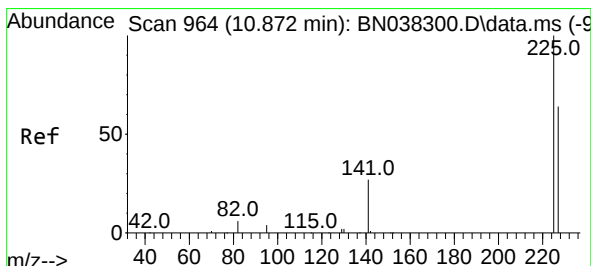
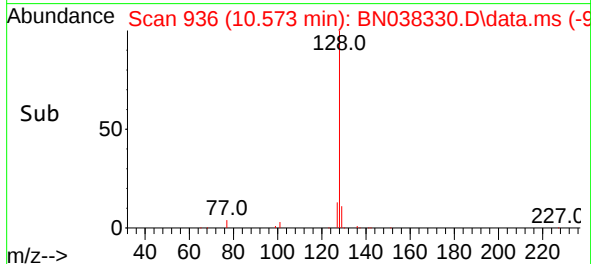
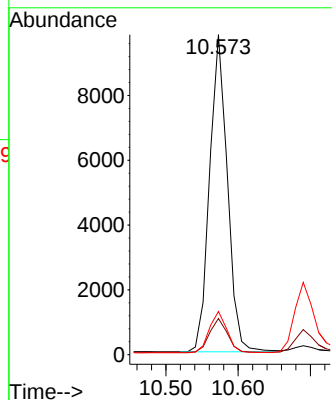
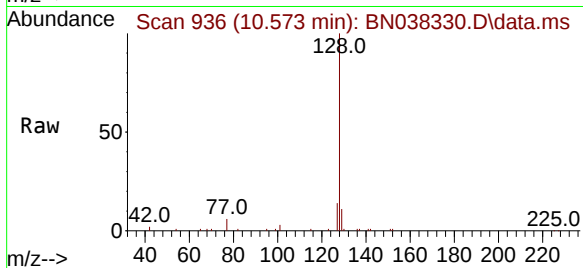
Tgt Ion:128 Resp: 16835

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

127 13.5 10.9 16.3



#10

Hexachlorobutadiene

Concen: 0.394 ng

RT: 10.872 min Scan# 964

Delta R.T. -0.000 min

Lab File: BN038330.D

Acq: 11 Dec 2025 23:59

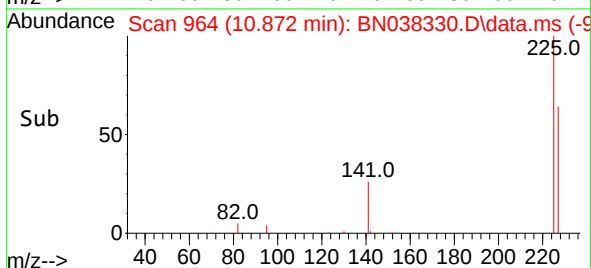
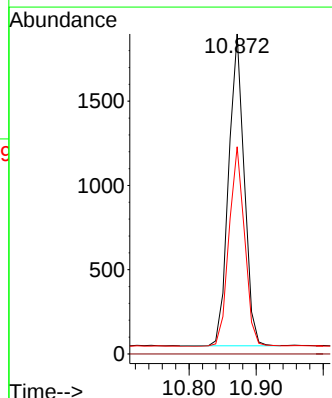
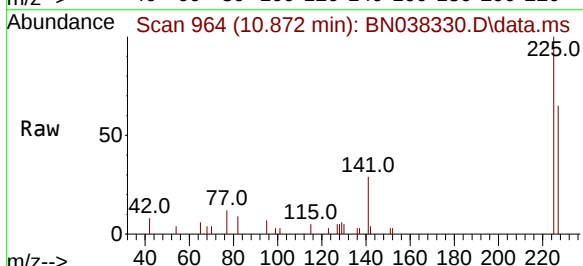
Tgt Ion:225 Resp: 2984

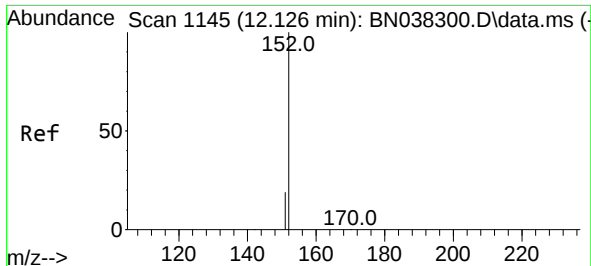
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.8 51.2 76.8

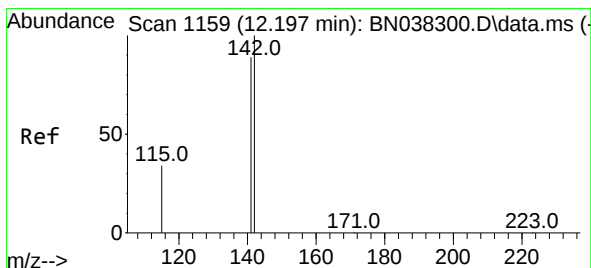
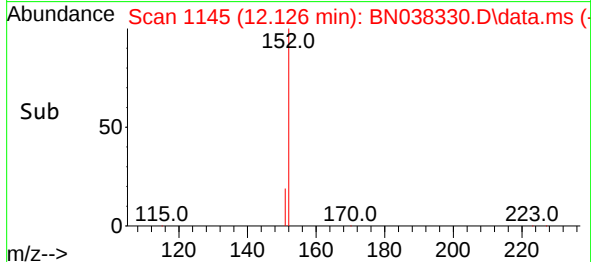
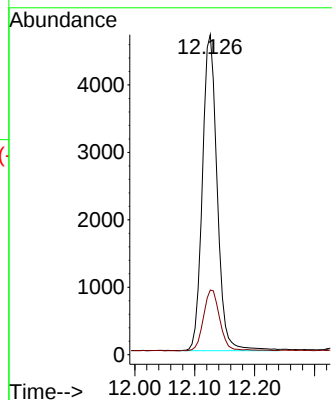
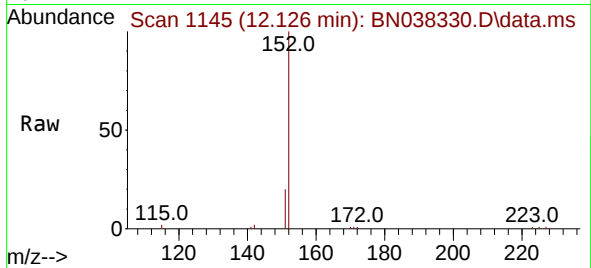




#11  
2-Methylnaphthalene-d10  
Concen: 0.395 ng  
RT: 12.126 min Scan# 1145  
Delta R.T. -0.000 min  
Lab File: BN038330.D  
Acq: 11 Dec 2025 23:59

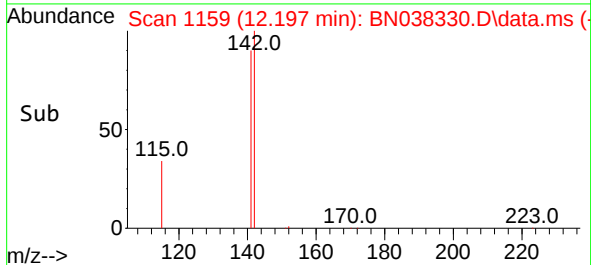
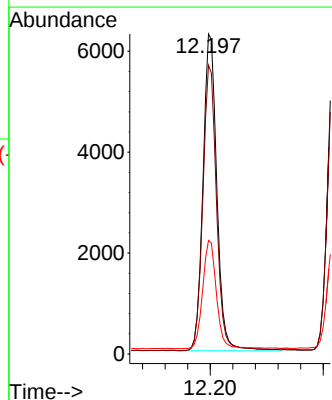
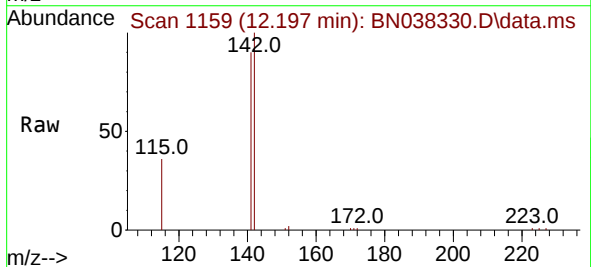
Instrument :  
MSVOA\_V  
ClientSampleId :  
SSTDCCC0.4

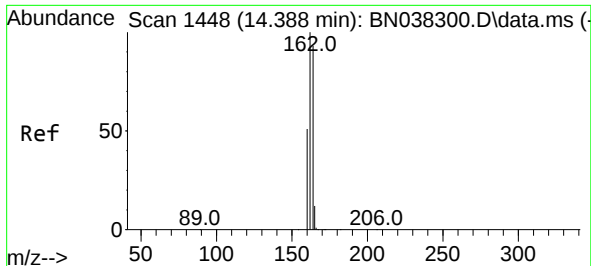
Tgt Ion:152 Resp: 8023  
Ion Ratio Lower Upper  
152 100  
151 21.2 17.0 25.6



#12  
2-Methylnaphthalene  
Concen: 0.396 ng  
RT: 12.197 min Scan# 1159  
Delta R.T. -0.005 min  
Lab File: BN038330.D  
Acq: 11 Dec 2025 23:59

Tgt Ion:142 Resp: 10700  
Ion Ratio Lower Upper  
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141 90.2 71.4 107.2  
115 35.5 28.4 42.6

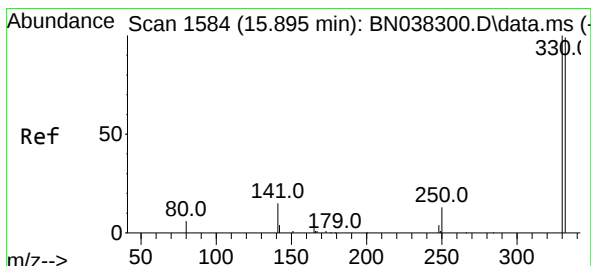
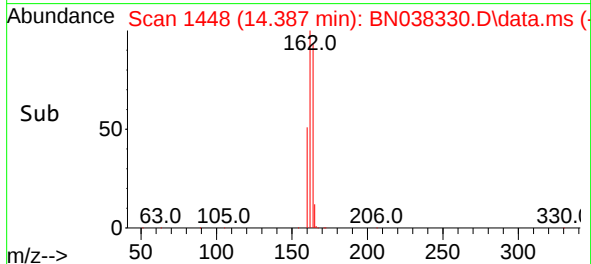
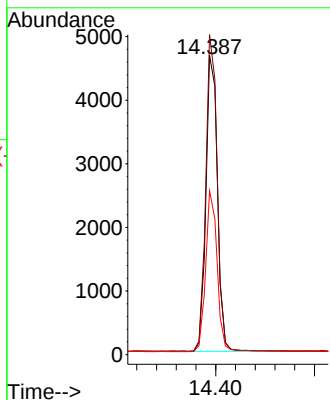
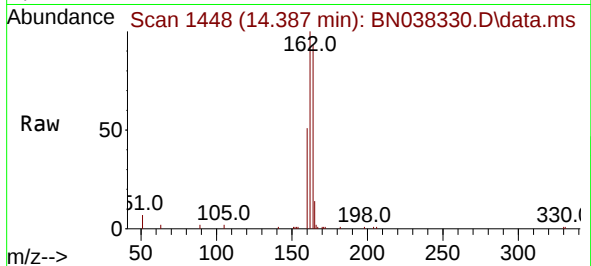




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.387 min Scan# 1448  
Delta R.T. -0.011 min  
Lab File: BN038330.D  
Acq: 11 Dec 2025 23:59

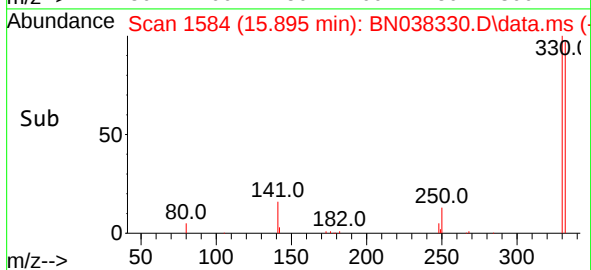
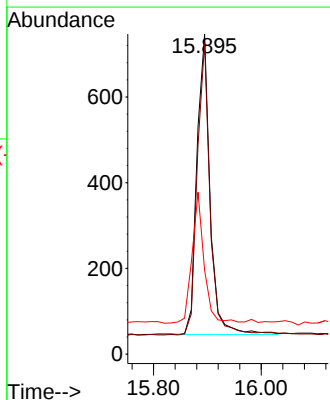
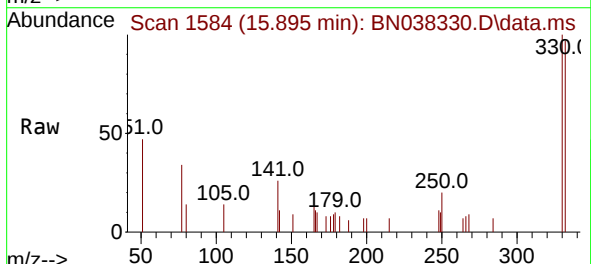
Instrument :  
MSVOA\_V  
ClientSampleId :  
SSTDCCC0.4

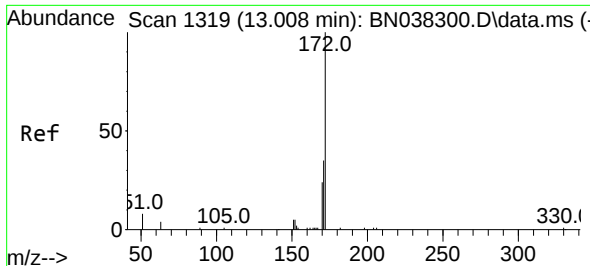
Tgt Ion:164 Resp: 7509  
Ion Ratio Lower Upper  
164 100  
162 107.0 86.2 129.4  
160 54.8 44.6 67.0



#14  
2,4,6-Tribromophenol  
Concen: 0.358 ng  
RT: 15.895 min Scan# 1584  
Delta R.T. -0.000 min  
Lab File: BN038330.D  
Acq: 11 Dec 2025 23:59

Tgt Ion:330 Resp: 1194  
Ion Ratio Lower Upper  
330 100  
332 94.2 75.8 113.6  
141 40.2 31.8 47.8

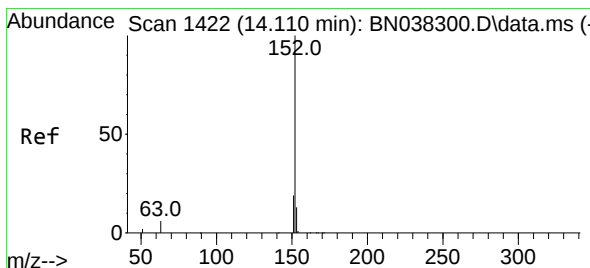
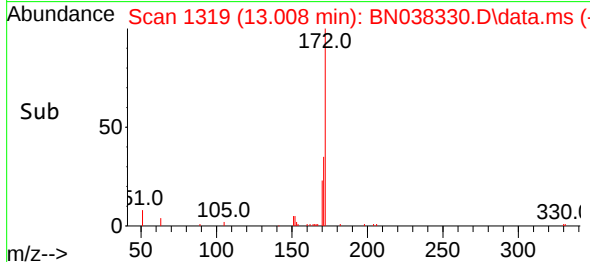
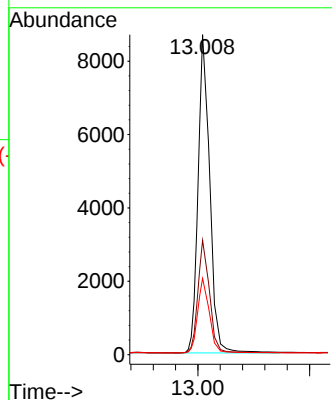
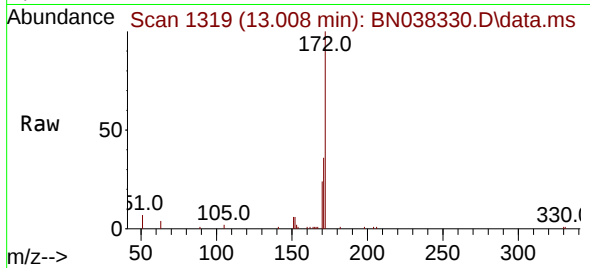




#15  
2-Fluorobiphenyl  
Concen: 0.398 ng  
RT: 13.008 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN038330.D  
Acq: 11 Dec 2025 23:59

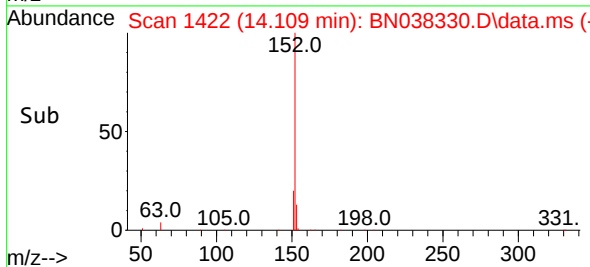
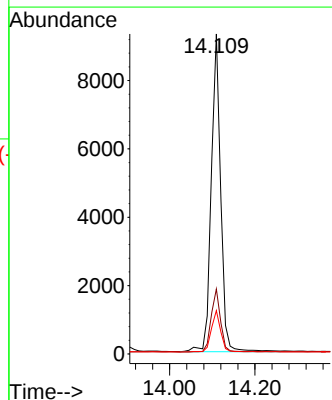
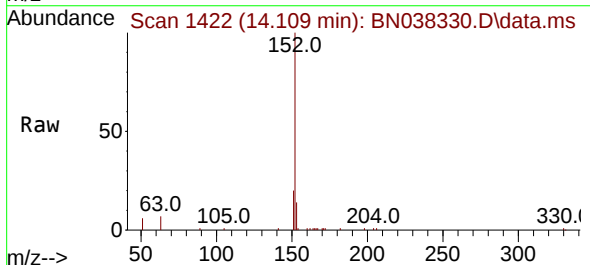
Instrument :  
MSVOA\_V  
ClientSampleId :  
SSTDCCC0.4

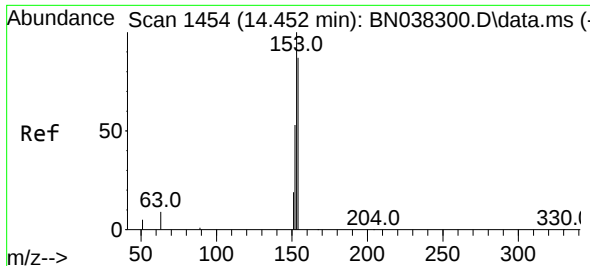
Tgt Ion:172 Resp: 14408  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.6 42.8  
170 23.8 19.3 28.9



#16  
Acenaphthylene  
Concen: 0.386 ng  
RT: 14.109 min Scan# 1422  
Delta R.T. -0.000 min  
Lab File: BN038330.D  
Acq: 11 Dec 2025 23:59

Tgt Ion:152 Resp: 14216  
Ion Ratio Lower Upper  
152 100  
151 19.6 15.4 23.2  
153 13.0 10.2 15.4

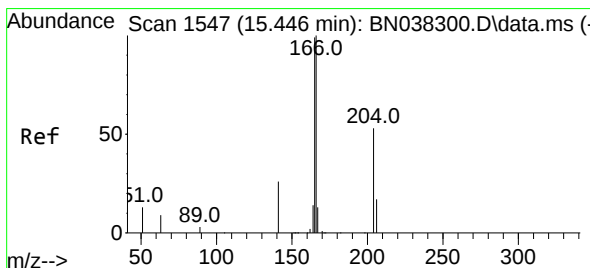
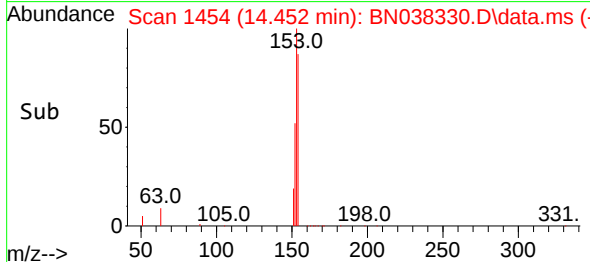
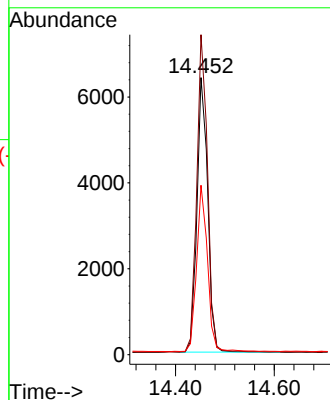
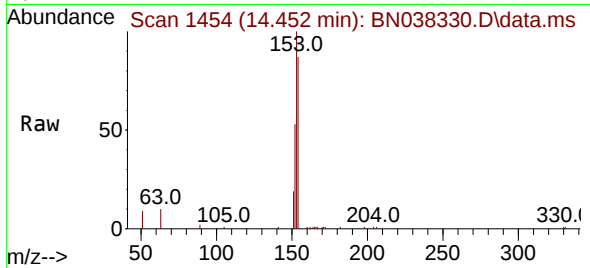




#17  
Acenaphthene  
Concen: 0.376 ng  
RT: 14.452 min Scan# 1454  
Delta R.T. -0.011 min  
Lab File: BN038330.D  
Acq: 11 Dec 2025 23:59

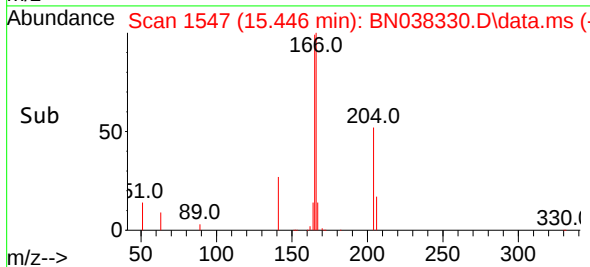
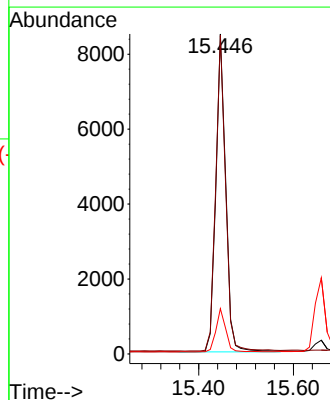
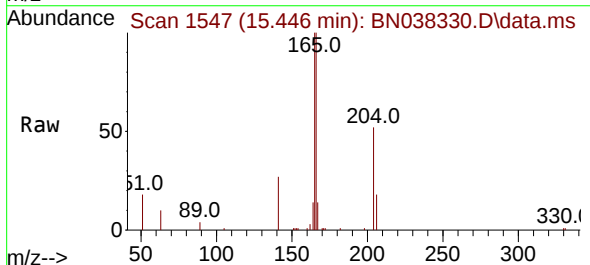
Instrument :  
MSVOA\_V  
ClientSampleId :  
SSTDCCC0.4

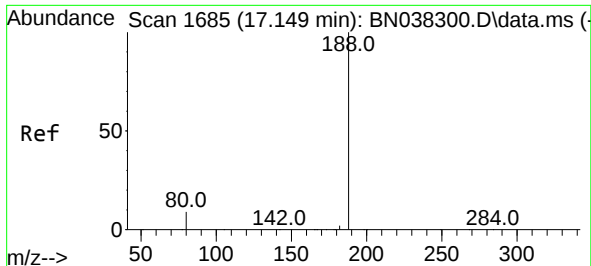
Tgt Ion:154 Resp: 9650  
Ion Ratio Lower Upper  
154 100  
153 116.1 89.8 134.8  
152 61.7 47.5 71.3



#18  
Fluorene  
Concen: 0.386 ng  
RT: 15.446 min Scan# 1547  
Delta R.T. -0.000 min  
Lab File: BN038330.D  
Acq: 11 Dec 2025 23:59

Tgt Ion:166 Resp: 12774  
Ion Ratio Lower Upper  
166 100  
165 99.3 80.2 120.4  
167 13.1 10.6 16.0

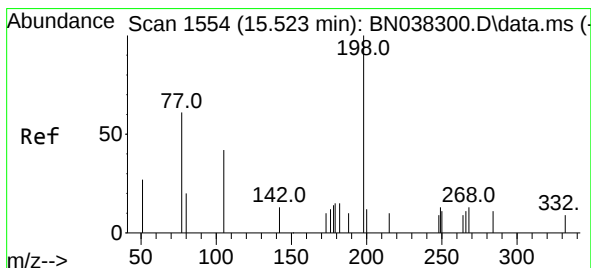
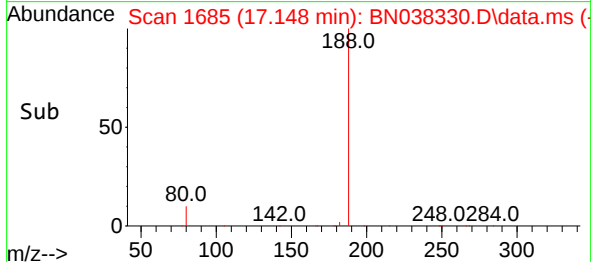
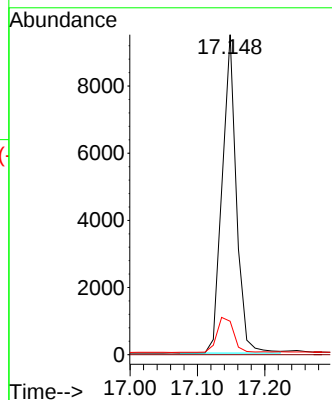
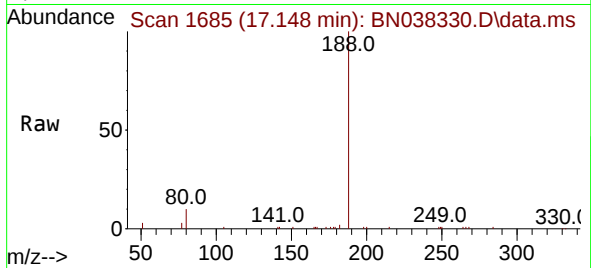




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.148 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: BN038330.D  
Acq: 11 Dec 2025 23:59

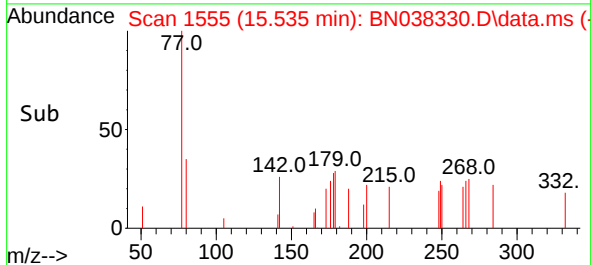
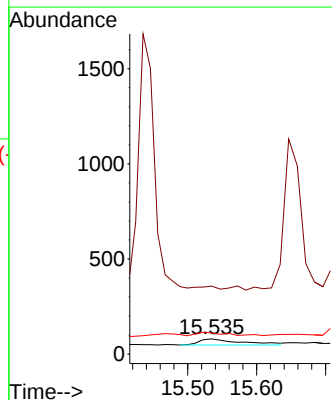
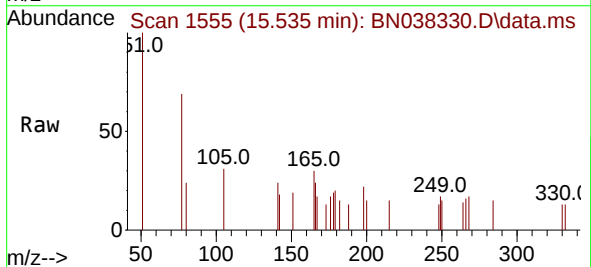
Instrument :  
MSVOA\_V  
ClientSampleId :  
SSTDCCC0.4

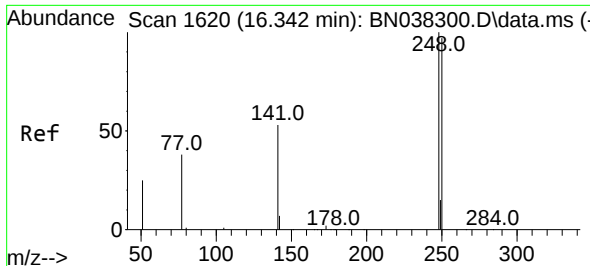
Tgt Ion:188 Resp: 13836  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.5 7.4 11.0



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.058 ng  
RT: 15.535 min Scan# 1555  
Delta R.T. 0.013 min  
Lab File: BN038330.D  
Acq: 11 Dec 2025 23:59

Tgt Ion:198 Resp: 132  
Ion Ratio Lower Upper  
198 100  
51 446.2 86.3 129.5#  
105 138.7 45.3 67.9#





#21

4-Bromophenyl-phenylether

Concen: 0.381 ng

RT: 16.342 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN038330.D

Acq: 11 Dec 2025 23:59

Instrument :

MSVOA\_V

ClientSampleId :

SSTDCCC0.4

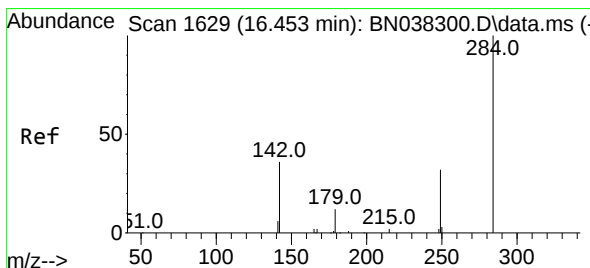
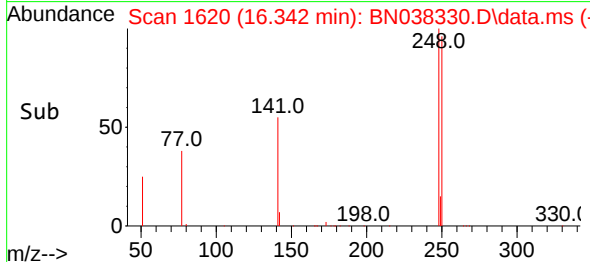
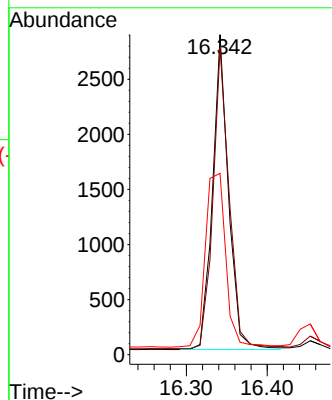
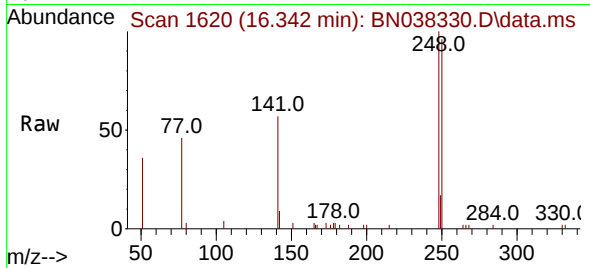
Tgt Ion:248 Resp: 3914

Ion Ratio Lower Upper

248 100

250 96.0 78.2 117.2

141 56.7 43.7 65.5



#22

Hexachlorobenzene

Concen: 0.388 ng

RT: 16.453 min Scan# 1629

Delta R.T. -0.012 min

Lab File: BN038330.D

Acq: 11 Dec 2025 23:59

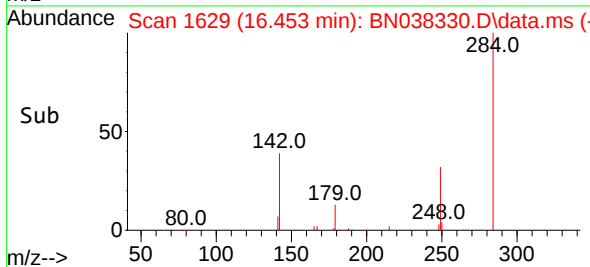
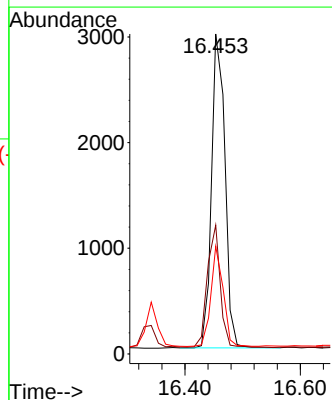
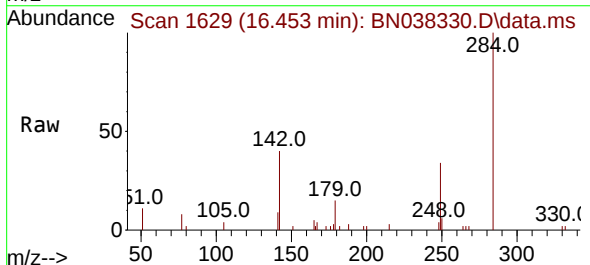
Tgt Ion:284 Resp: 4794

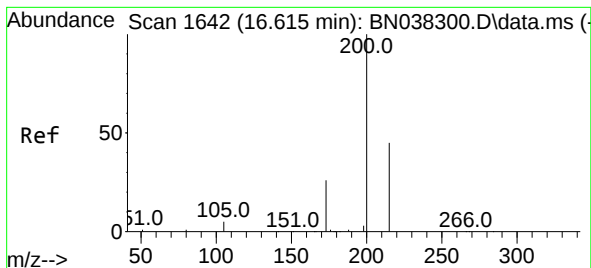
Ion Ratio Lower Upper

284 100

142 37.6 29.5 44.3

249 29.2 23.7 35.5





#23

Atrazine

Concen: 0.380 ng

RT: 16.615 min Scan# 1642

Delta R.T. -0.000 min

Lab File: BN038330.D

Acq: 11 Dec 2025 23:59

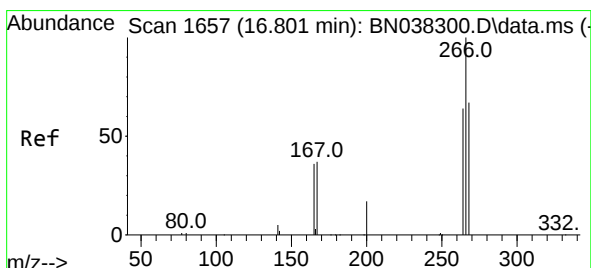
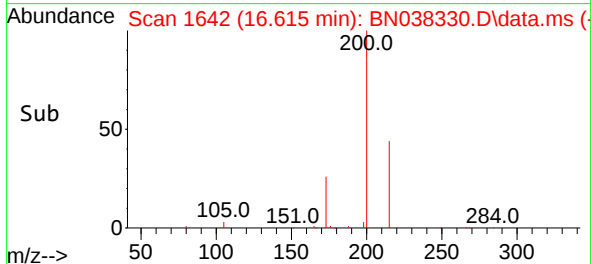
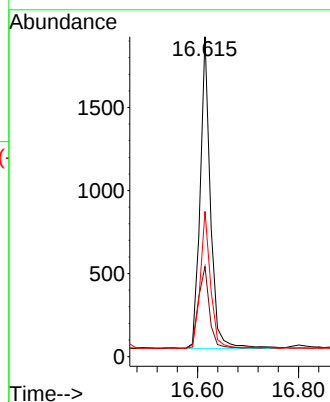
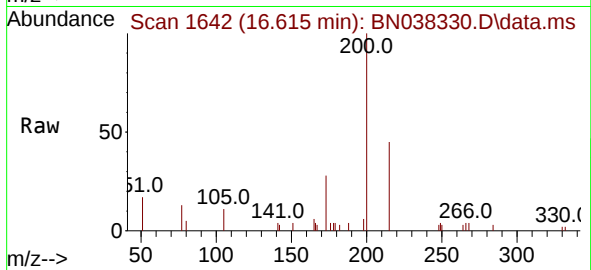
Instrument :

MSVOA\_V

ClientSampleId :

SSTDCCC0.4

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 2660 |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 28.1  | 22.1  | 33.1 |
| 215       | 45.4  | 37.4  | 56.2 |



#24

Pentachlorophenol

Concen: 0.041 ng

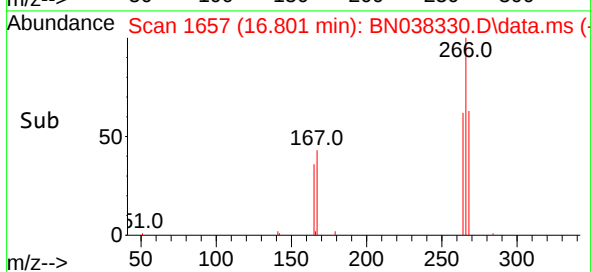
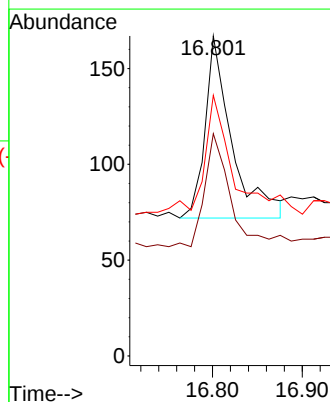
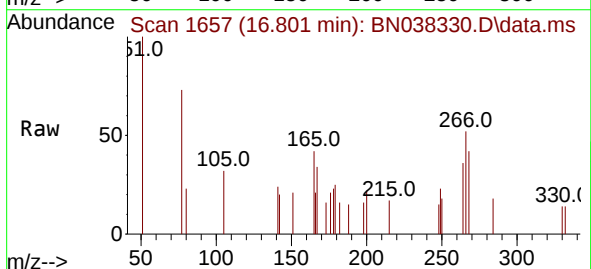
RT: 16.801 min Scan# 1657

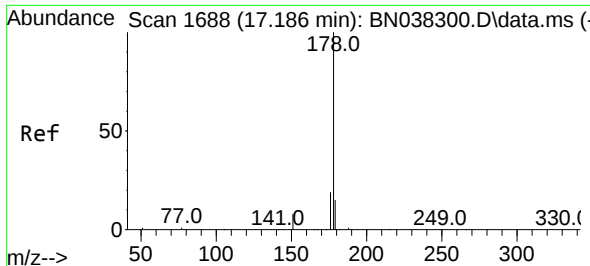
Delta R.T. -0.000 min

Lab File: BN038330.D

Acq: 11 Dec 2025 23:59

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 196  |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 63.3  | 50.2  | 75.2 |
| 268       | 70.9  | 52.6  | 78.8 |

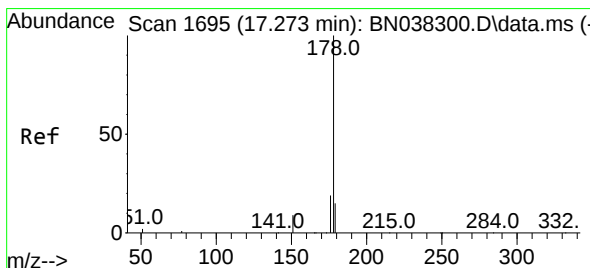
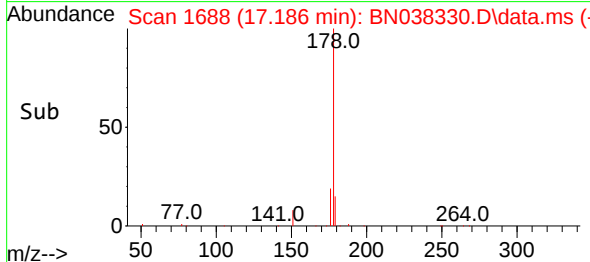
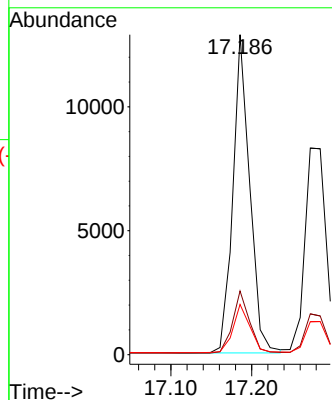
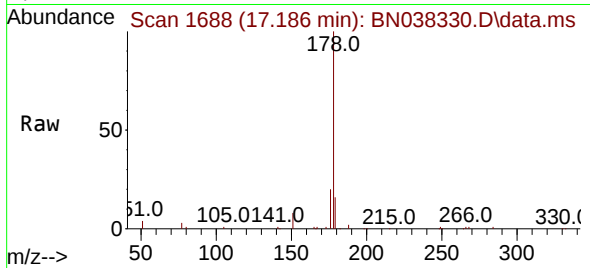




#25  
Phenanthrene  
Concen: 0.386 ng  
RT: 17.186 min Scan# 1688  
Delta R.T. -0.000 min  
Lab File: BN038330.D  
Acq: 11 Dec 2025 23:59

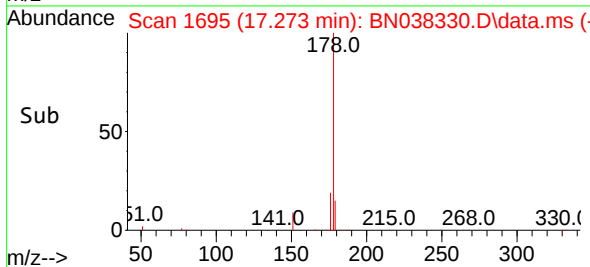
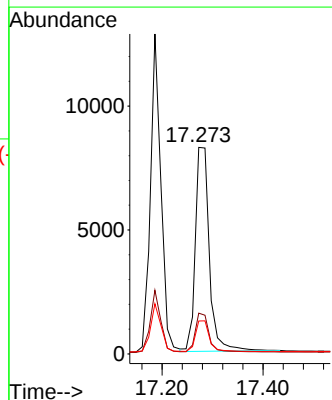
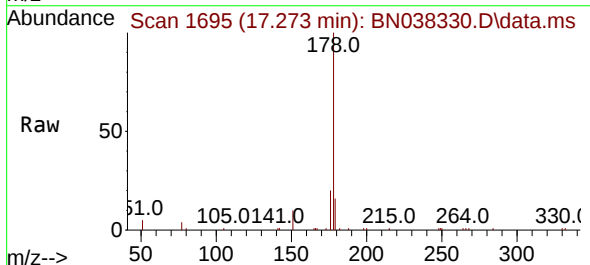
Instrument :  
MSVOA\_V  
ClientSampleId :  
SSTDCCC0.4

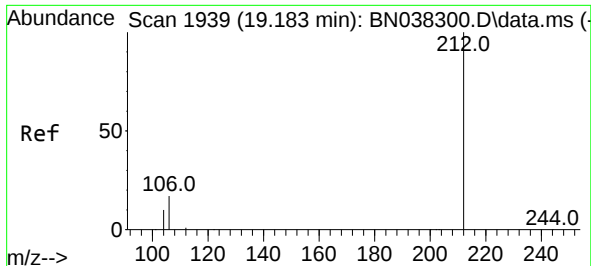
Tgt Ion:178 Resp: 18585  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.5 23.3  
179 15.5 12.2 18.2



#26  
Anthracene  
Concen: 0.383 ng  
RT: 17.273 min Scan# 1695  
Delta R.T. -0.012 min  
Lab File: BN038330.D  
Acq: 11 Dec 2025 23:59

Tgt Ion:178 Resp: 15922  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.1 22.7  
179 15.0 12.0 18.0

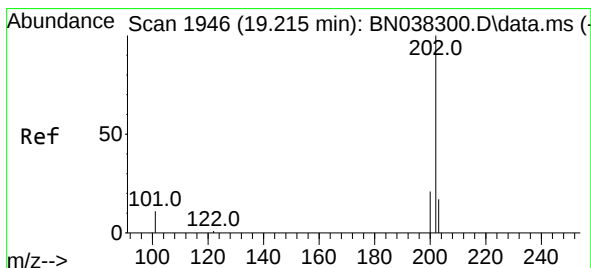
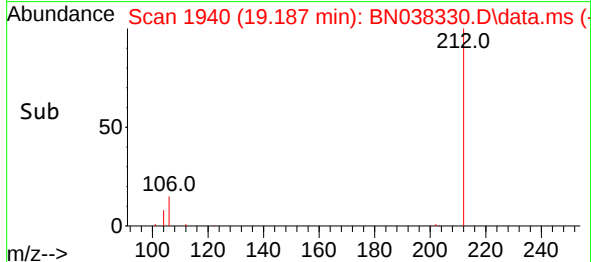
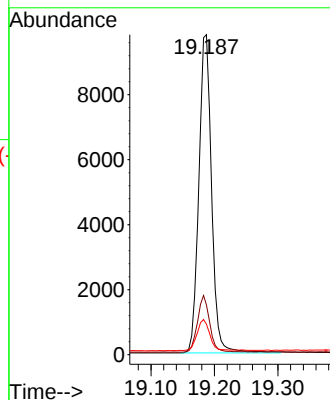
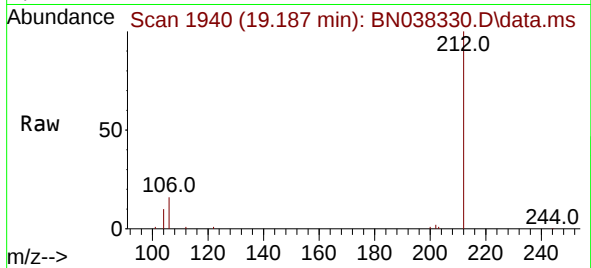




#27  
Fluoranthene-d10  
Concen: 0.399 ng  
RT: 19.187 min Scan# 1940  
Delta R.T. -0.000 min  
Lab File: BN038330.D  
Acq: 11 Dec 2025 23:59

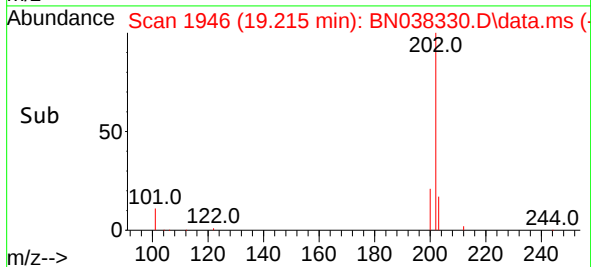
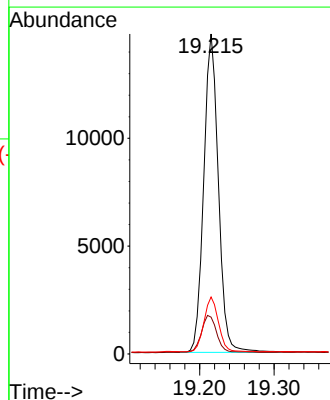
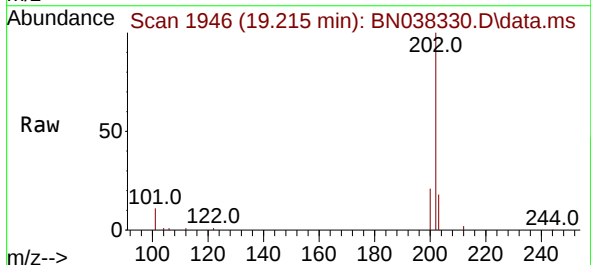
Instrument :  
MSVOA\_V  
ClientSampleId :  
SSTDCCC0.4

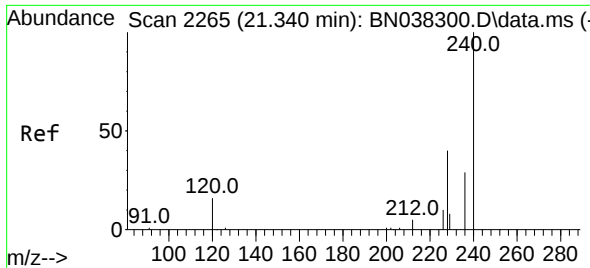
Tgt Ion:212 Resp: 13666  
Ion Ratio Lower Upper  
212 100  
106 17.0 13.7 20.5  
104 10.0 7.8 11.8



#28  
Fluoranthene  
Concen: 0.394 ng  
RT: 19.215 min Scan# 1946  
Delta R.T. -0.005 min  
Lab File: BN038330.D  
Acq: 11 Dec 2025 23:59

Tgt Ion:202 Resp: 20173  
Ion Ratio Lower Upper  
202 100  
101 12.1 9.6 14.4  
203 17.1 13.5 20.3

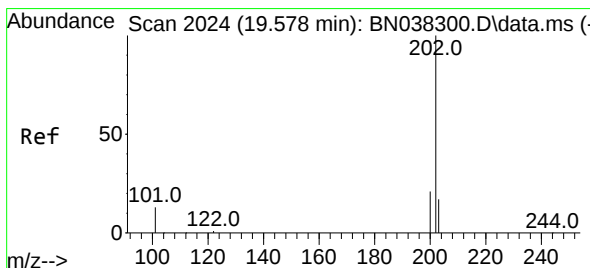
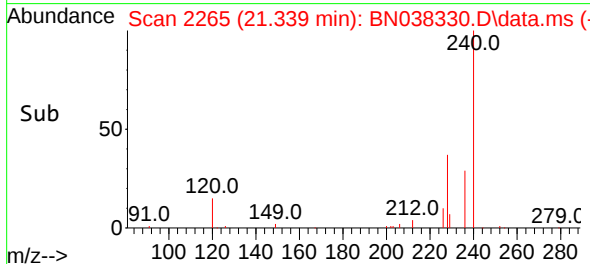
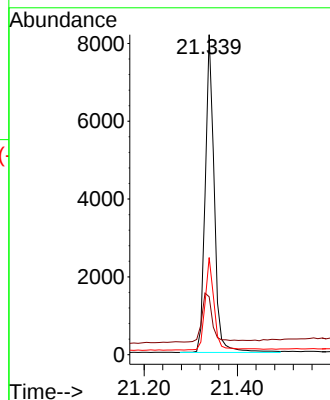
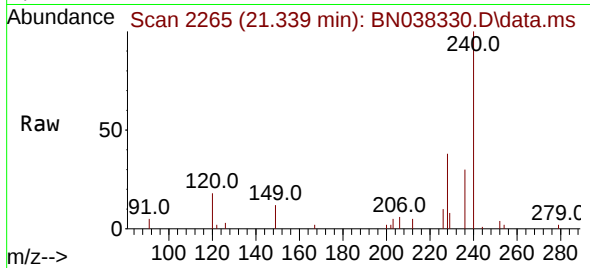




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.339 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN038330.D  
Acq: 11 Dec 2025 23:59

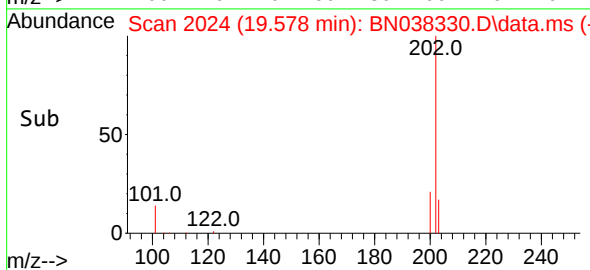
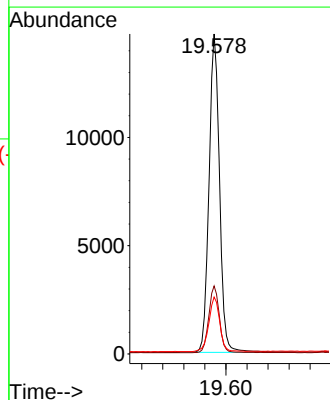
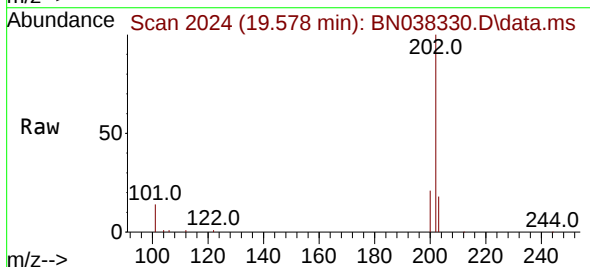
Instrument :  
MSVOA\_V  
ClientSampleId :  
SSTDCCC0.4

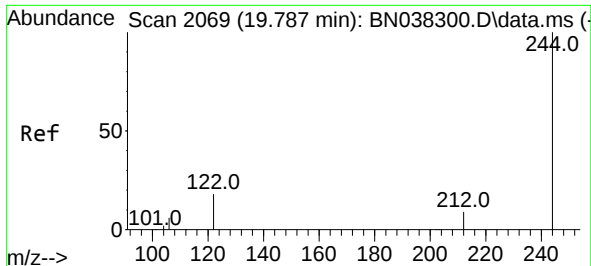
Tgt Ion:240 Resp: 10979  
Ion Ratio Lower Upper  
240 100  
120 18.1 15.4 23.2  
236 30.3 23.9 35.9



#30  
Pyrene  
Concen: 0.378 ng  
RT: 19.578 min Scan# 2024  
Delta R.T. -0.005 min  
Lab File: BN038330.D  
Acq: 11 Dec 2025 23:59

Tgt Ion:202 Resp: 20437  
Ion Ratio Lower Upper  
202 100  
200 21.1 16.9 25.3  
203 17.7 14.2 21.2

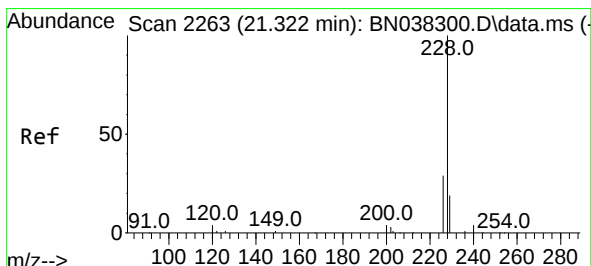
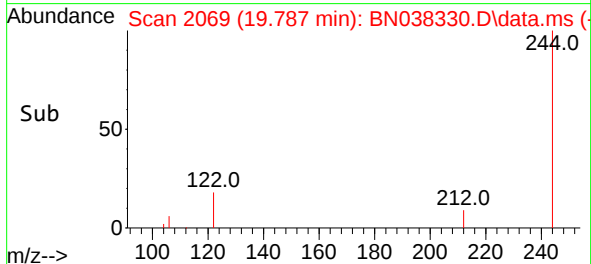
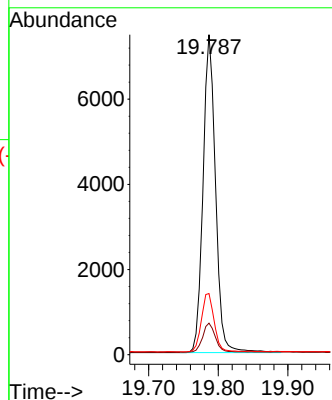
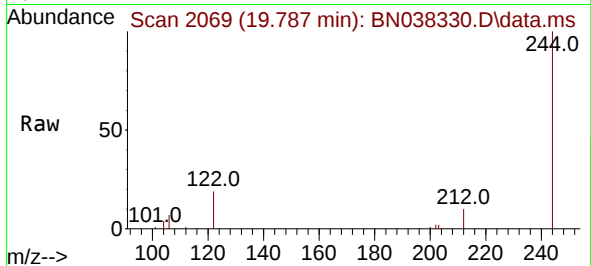




#31  
 Terphenyl-d14  
 Concen: 0.380 ng  
 RT: 19.787 min Scan# 2069  
 Delta R.T. -0.005 min  
 Lab File: BN038330.D  
 Acq: 11 Dec 2025 23:59

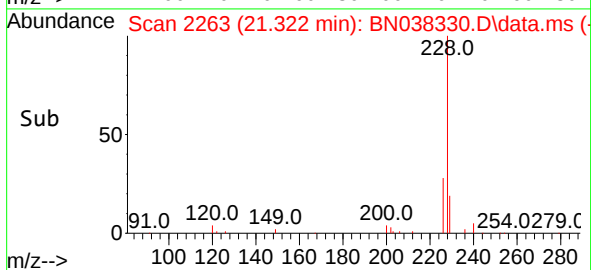
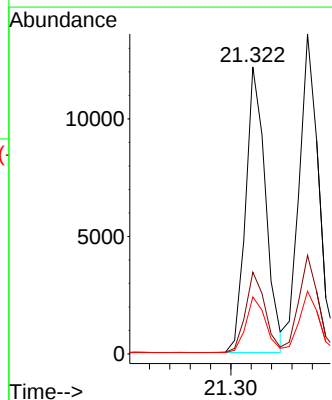
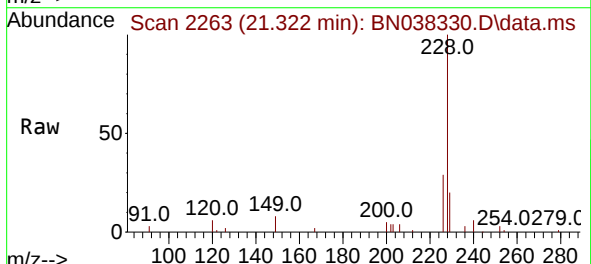
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 SSTDCCC0.4

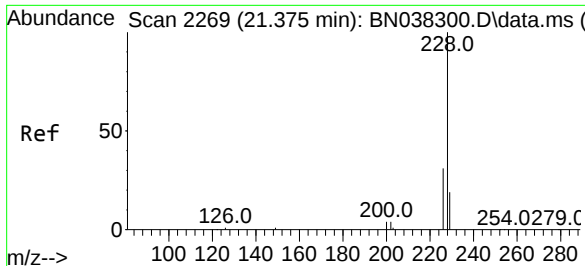
Tgt Ion:244 Resp: 9312  
 Ion Ratio Lower Upper  
 244 100  
 212 9.9 7.9 11.9  
 122 19.1 15.0 22.6



#32  
 Benzo(a)anthracene  
 Concen: 0.388 ng  
 RT: 21.322 min Scan# 2263  
 Delta R.T. -0.009 min  
 Lab File: BN038330.D  
 Acq: 11 Dec 2025 23:59

Tgt Ion:228 Resp: 16446  
 Ion Ratio Lower Upper  
 228 100  
 226 28.5 23.3 34.9  
 229 19.8 15.7 23.5

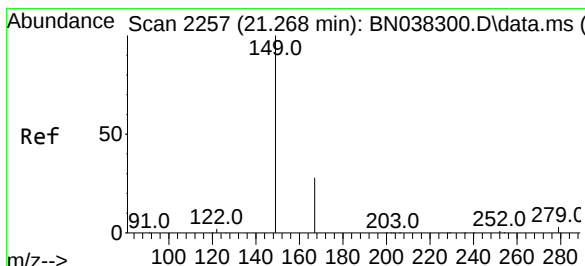
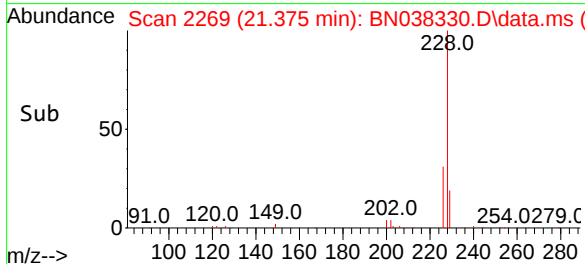
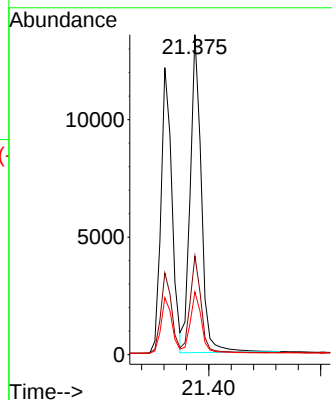
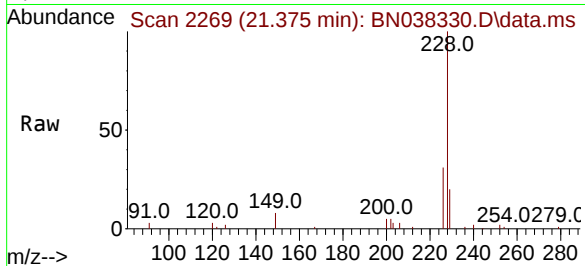




#33  
Chrysene  
Concen: 0.398 ng  
RT: 21.375 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN038330.D  
Acq: 11 Dec 2025 23:59

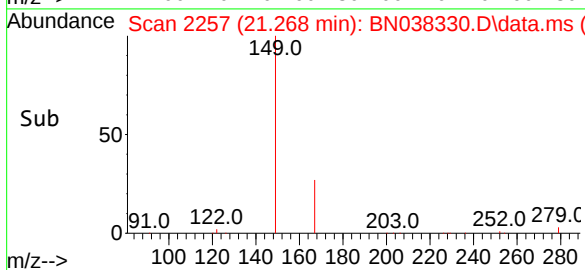
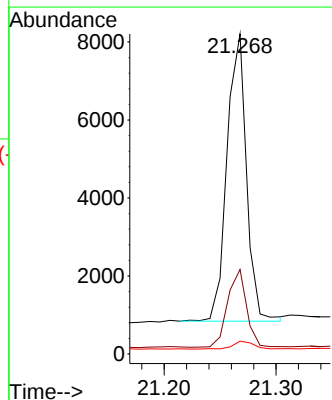
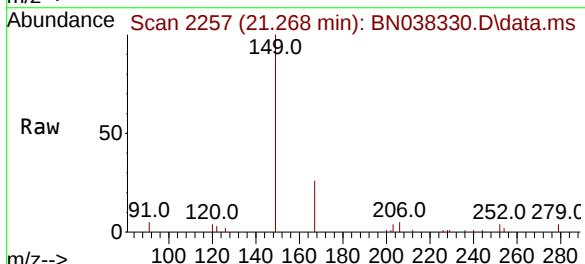
Instrument :  
MSVOA\_V  
ClientSampleId :  
SSTDCCC0.4

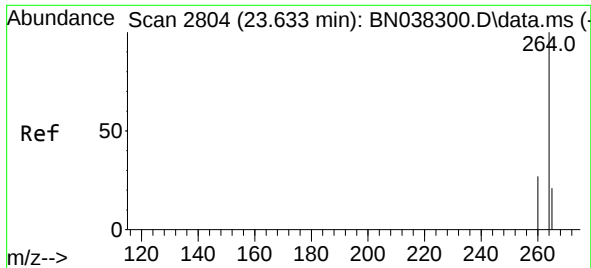
Tgt Ion:228 Resp: 18567  
Ion Ratio Lower Upper  
228 100  
226 30.8 25.0 37.4  
229 19.6 15.5 23.3



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.384 ng  
RT: 21.268 min Scan# 2257  
Delta R.T. -0.000 min  
Lab File: BN038330.D  
Acq: 11 Dec 2025 23:59

Tgt Ion:149 Resp: 8928  
Ion Ratio Lower Upper  
149 100  
167 26.4 21.4 32.0  
279 2.9 2.4 3.6



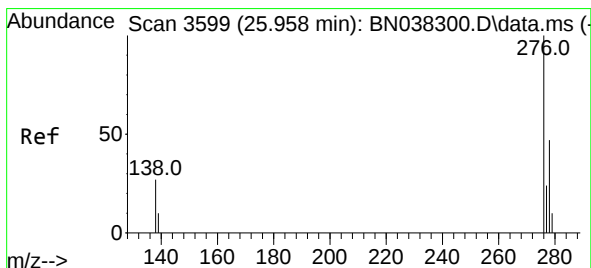
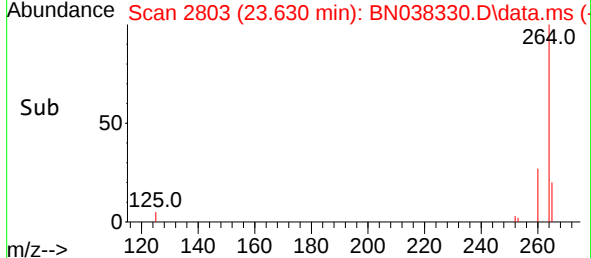
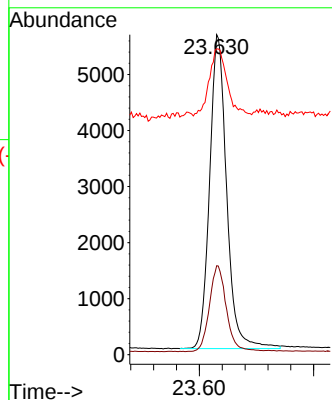
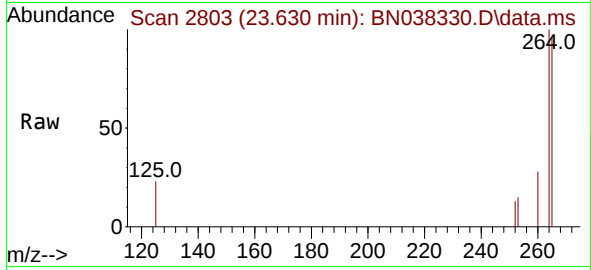


#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.630 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BN038330.D  
Acq: 11 Dec 2025 23:59

Instrument :  
MSVOA\_V  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:264 Resp: 11587

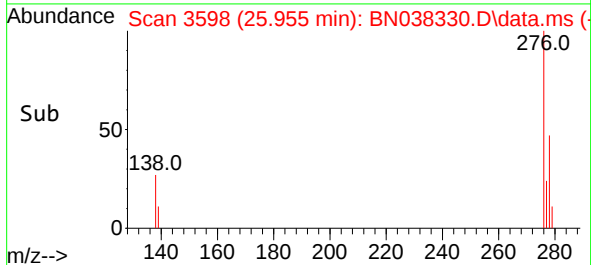
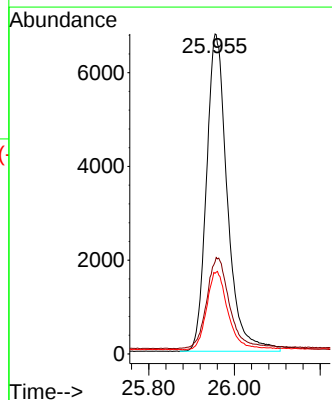
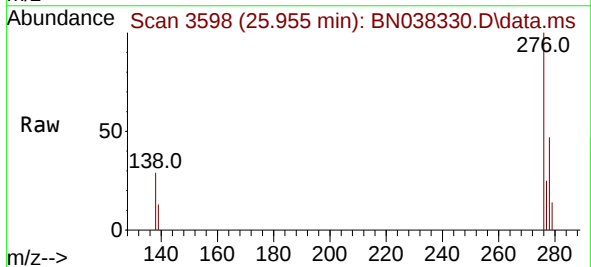
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.8  | 22.2  | 33.2  |
| 265 | 95.6  | 80.2  | 120.2 |

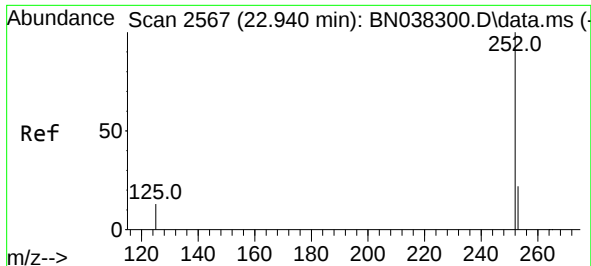


#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.372 ng  
RT: 25.955 min Scan# 3598  
Delta R.T. -0.009 min  
Lab File: BN038330.D  
Acq: 11 Dec 2025 23:59

Tgt Ion:276 Resp: 22867

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 31.4  | 23.6  | 35.4  |
| 277 | 25.1  | 19.7  | 29.5  |

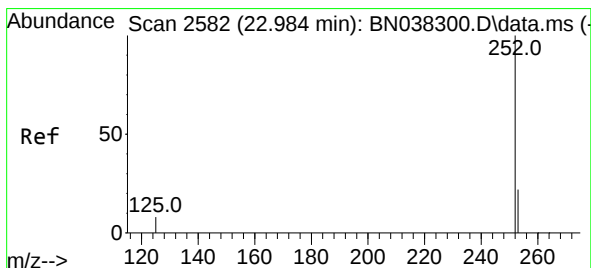
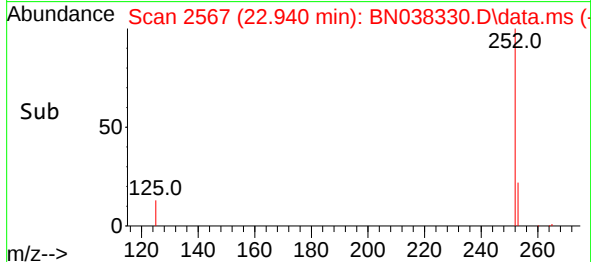
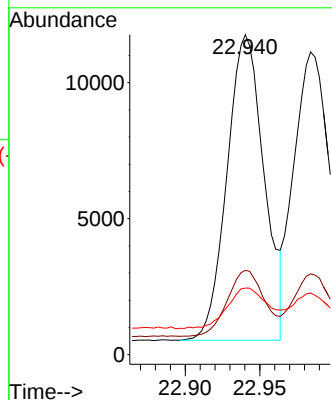
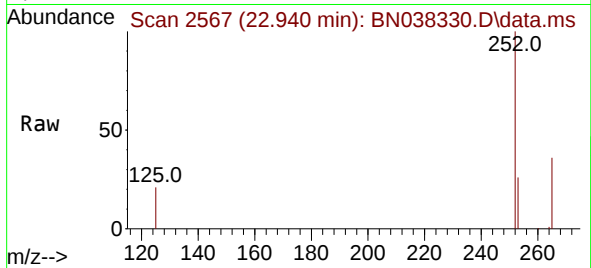




#37  
Benzo(b)fluoranthene  
Concen: 0.365 ng  
RT: 22.940 min Scan# 2567  
Delta R.T. -0.006 min  
Lab File: BN038330.D  
Acq: 11 Dec 2025 23:59

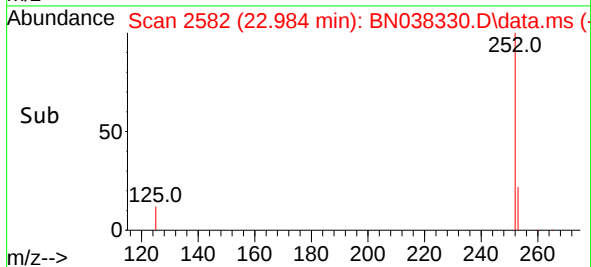
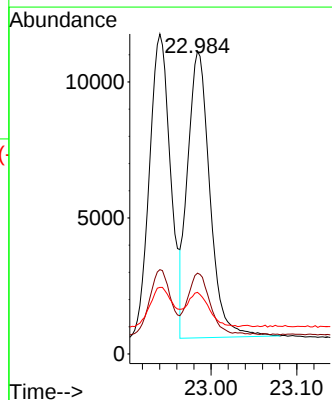
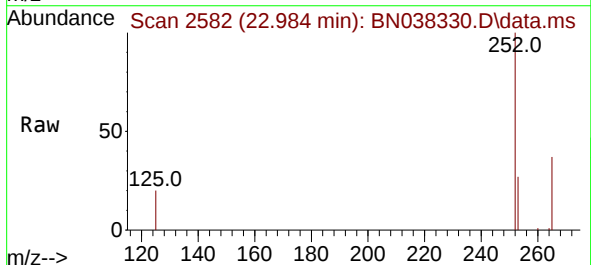
Instrument :  
MSVOA\_V  
ClientSampleId :  
SSTDCCC0.4

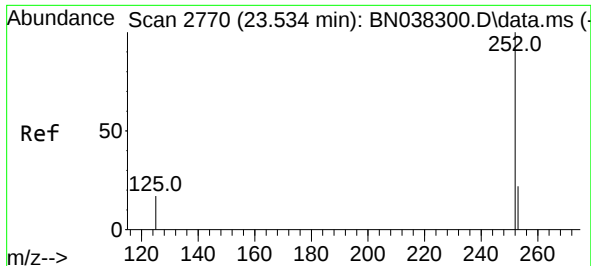
Tgt Ion:252 Resp: 19430  
Ion Ratio Lower Upper  
252 100  
253 26.4 21.1 31.7  
125 20.8 16.4 24.6



#38  
Benzo(k)fluoranthene  
Concen: 0.358 ng  
RT: 22.984 min Scan# 2582  
Delta R.T. -0.006 min  
Lab File: BN038330.D  
Acq: 11 Dec 2025 23:59

Tgt Ion:252 Resp: 18984  
Ion Ratio Lower Upper  
252 100  
253 26.7 21.4 32.0  
125 20.3 16.2 24.2





#39

Benzo(a)pyrene

Concen: 0.367 ng

RT: 23.534 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN038330.D

Acq: 11 Dec 2025 23:59

Instrument :

MSVOA\_V

ClientSampleId :

SSTDCCC0.4

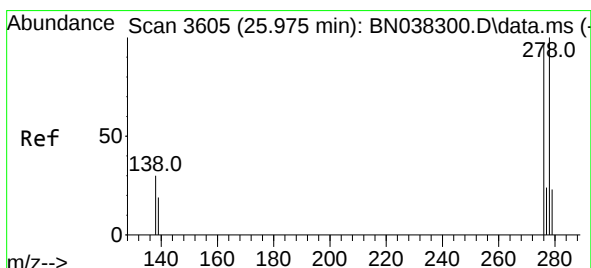
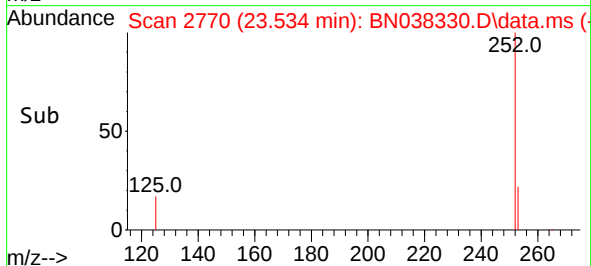
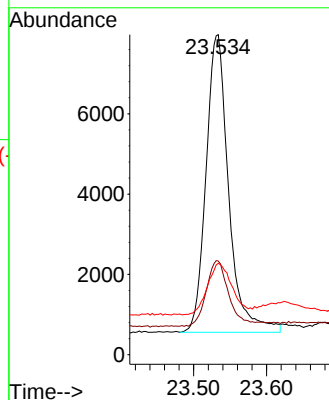
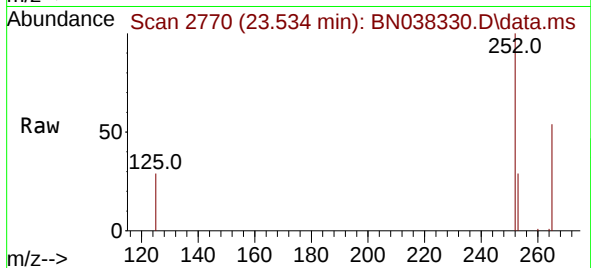
Tgt Ion:252 Resp: 15994

Ion Ratio Lower Upper

252 100

253 29.2 23.3 34.9

125 28.6 22.4 33.6



#40

Dibenzo(a,h)anthracene

Concen: 0.378 ng

RT: 25.975 min Scan# 3605

Delta R.T. -0.006 min

Lab File: BN038330.D

Acq: 11 Dec 2025 23:59

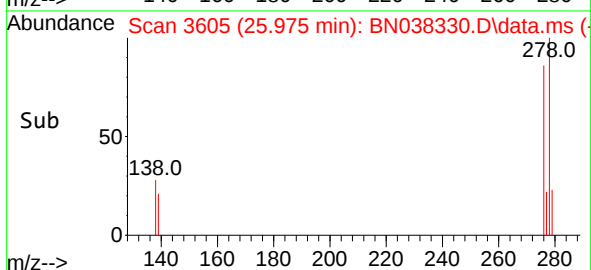
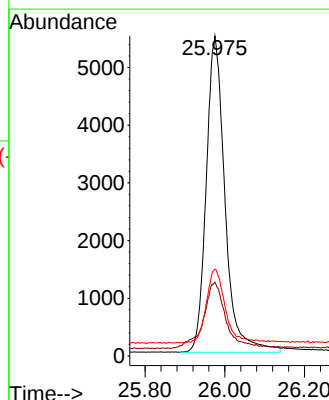
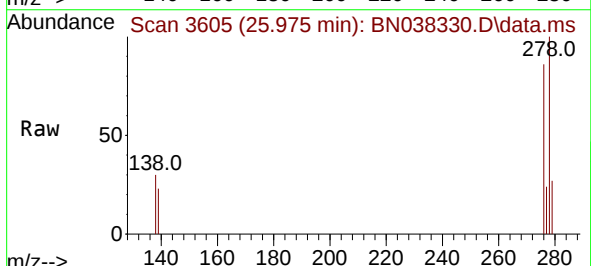
Tgt Ion:278 Resp: 17925

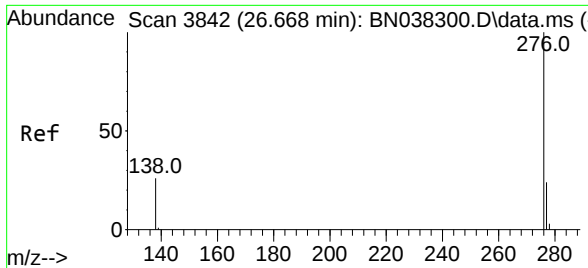
Ion Ratio Lower Upper

278 100

139 23.1 17.8 26.8

279 27.2 21.3 31.9





#41  
Benzo(g,h,i)perylene  
Concen: 0.366 ng  
RT: 26.668 min Scan# 3842  
Delta R.T. -0.009 min  
Lab File: BN038330.D  
Acq: 11 Dec 2025 23:59

Instrument :  
MSVOA\_V  
ClientSampleId :  
SSTDCCC0.4

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 19418 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 24.9  | 20.0  | 30.0  |
| 138       | 27.4  | 21.8  | 32.6  |

