

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121625\  
 Data File : BN038454.D  
 Acq On : 16 Dec 2025 22:59  
 Operator : RC/JU  
 Sample : Q3849-03  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-18B-57.5-121125

Quant Time: Dec 17 02:58:05 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

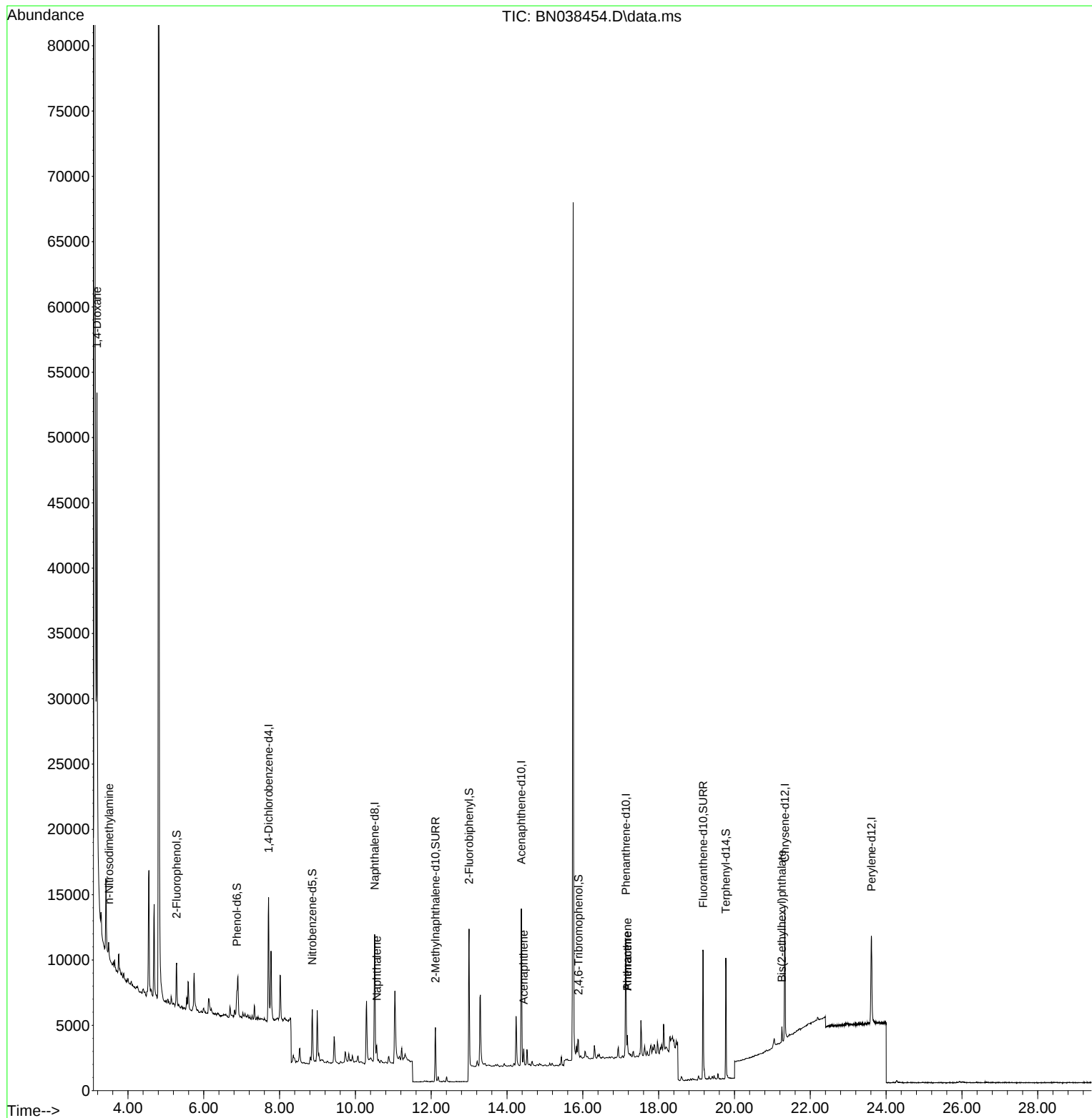
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.710  | 152  | 4598     | 0.400 | ng    | -0.01    |
| 7) Naphthalene-d8             | 10.509 | 136  | 12596    | 0.400 | ng    | #-0.02   |
| 13) Acenaphthene-d10          | 14.377 | 164  | 6542     | 0.400 | ng    | -0.02    |
| 19) Phenanthrene-d10          | 17.136 | 188  | 12522    | 0.400 | ng    | -0.01    |
| 29) Chrysene-d12              | 21.331 | 240  | 9591     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.610 | 264  | 9491     | 0.400 | ng    | -0.02    |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.283  | 112  | 2262     | 0.198 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.872  | 99   | 1741     | 0.128 | ng    | -0.01    |
| 8) Nitrobenzene-d5            | 8.864  | 82   | 3663     | 0.345 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.111 | 152  | 5639     | 0.317 | ng    | -0.02    |
| 14) 2,4,6-Tribromophenol      | 15.882 | 330  | 899      | 0.310 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.998 | 172  | 14255    | 0.452 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.173 | 212  | 10718    | 0.346 | ng    | -0.01    |
| 31) Terphenyl-d14             | 19.773 | 244  | 8359     | 0.391 | ng    | -0.02    |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.182  | 88   | 16551    | 3.139 | ng    | # 86     |
| 3) n-Nitrosodimethylamine     | 3.499  | 42   | 251      | 0.038 | ng    | # 1      |
| 9) Naphthalene                | 10.562 | 128  | 1537     | 0.041 | ng    | # 85     |
| 17) Acenaphthene              | 14.441 | 154  | 572      | 0.026 | ng    | 95       |
| 25) Phenanthrene              | 17.173 | 178  | 1640     | 0.038 | ng    | # 93     |
| 26) Anthracene                | 17.173 | 178  | 1640     | 0.044 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.250 | 149  | 1156     | 0.057 | ng    | # 98     |
| -----                         |        |      |          |       |       |          |

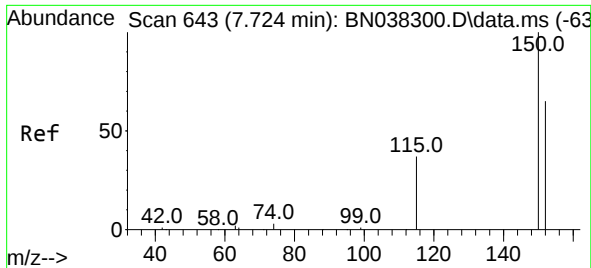
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121625\  
Data File : BN038454.D  
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Sample : Q3849-03  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
MW-18B-57.5-121125

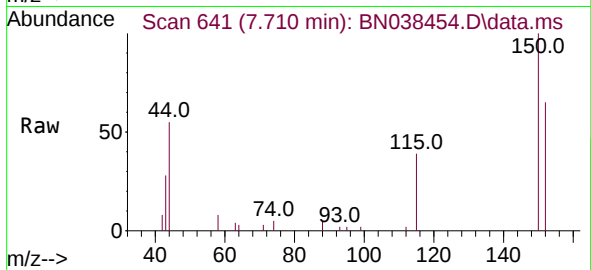
Quant Time: Dec 17 02:58:05 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN121025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 10 13:56:50 2025  
Response via : Initial Calibration



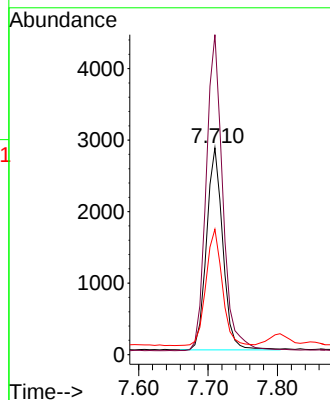
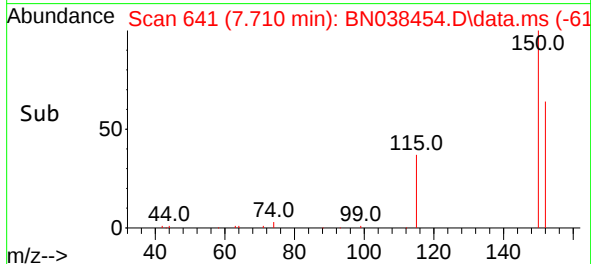


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.710 min Scan# 64  
 Delta R.T. -0.014 min  
 Lab File: BN038454.D  
 Acq: 16 Dec 2025 22:59

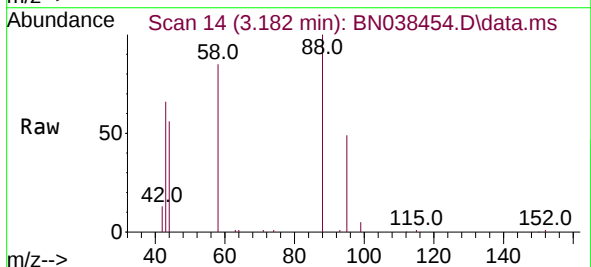
Instrument :  
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 ClientSampleId :  
 MW-18B-57.5-121125



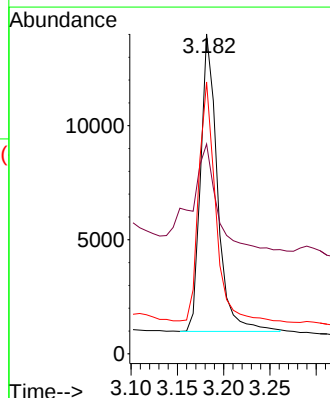
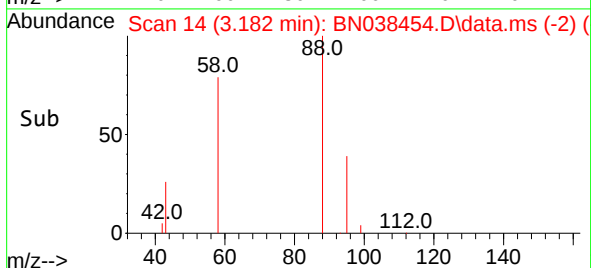
Tgt Ion: 152 Resp: 4598  
 Ion Ratio Lower Upper  
 152 100  
 150 154.7 122.4 183.6  
 115 60.6 47.3 70.9

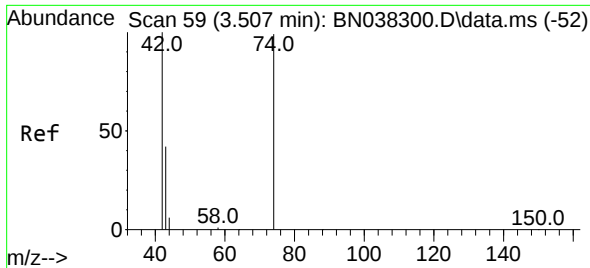


#2  
 1,4-Dioxane  
 Concen: 3.139 ng  
 RT: 3.182 min Scan# 14  
 Delta R.T. -0.014 min  
 Lab File: BN038454.D  
 Acq: 16 Dec 2025 22:59



Tgt Ion: 88 Resp: 16551  
 Ion Ratio Lower Upper  
 88 100  
 43 55.0 24.9 37.3#  
 58 78.9 61.4 92.0

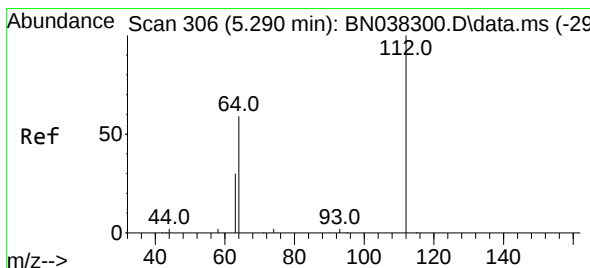
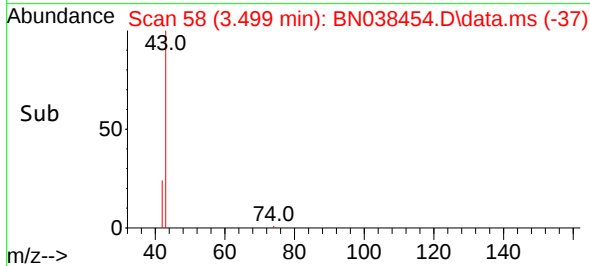
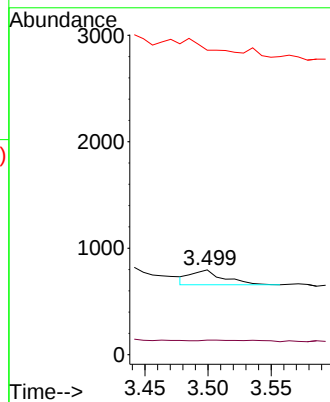
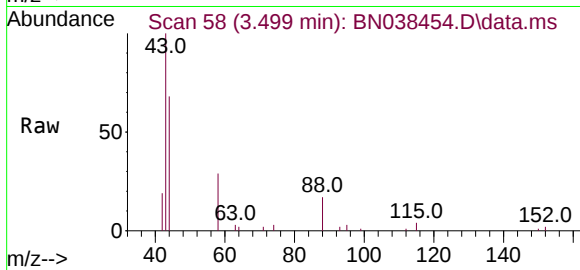




#3  
 n-Nitrosodimethylamine  
 Concen: 0.038 ng  
 RT: 3.499 min Scan# 58  
 Delta R.T. -0.000 min  
 Lab File: BN038454.D  
 Acq: 16 Dec 2025 22:59

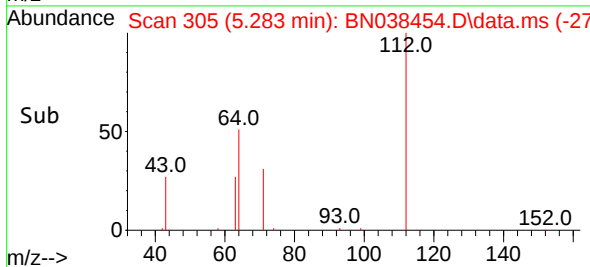
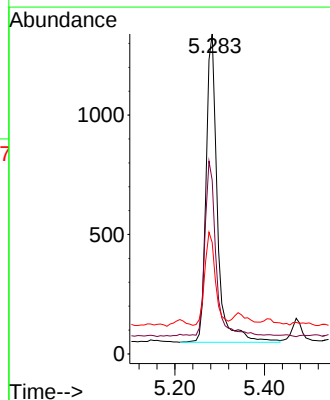
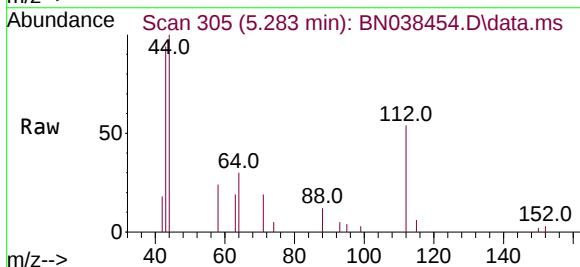
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-18B-57.5-121125

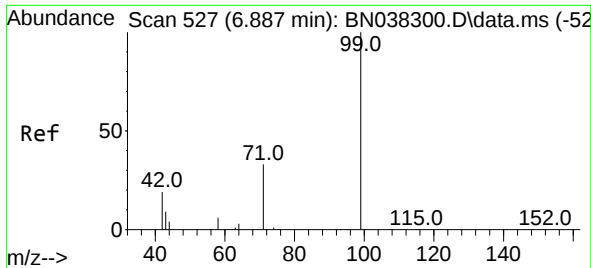
Tgt Ion: 42 Resp: 251  
 Ion Ratio Lower Upper  
 42 100  
 74 2.8 95.3 142.9#  
 44 0.0 7.9 11.9#



#4  
 2-Fluorophenol  
 Concen: 0.198 ng  
 RT: 5.283 min Scan# 305  
 Delta R.T. -0.007 min  
 Lab File: BN038454.D  
 Acq: 16 Dec 2025 22:59

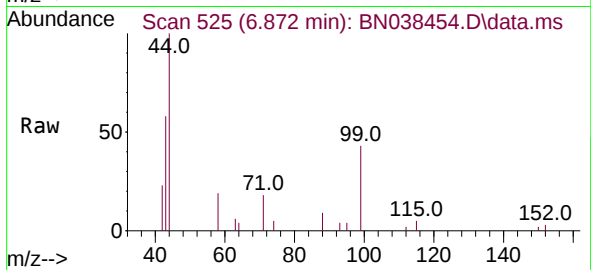
Tgt Ion: 112 Resp: 2262  
 Ion Ratio Lower Upper  
 112 100  
 64 54.2 44.4 66.6  
 63 28.4 23.4 35.0



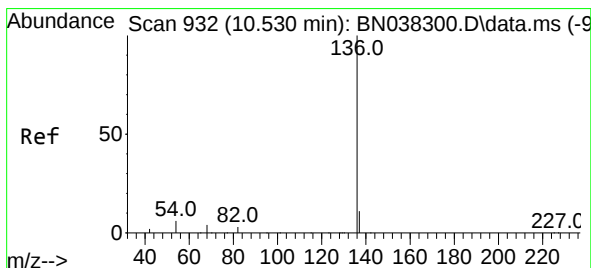
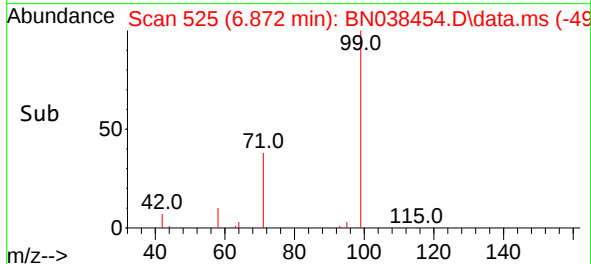
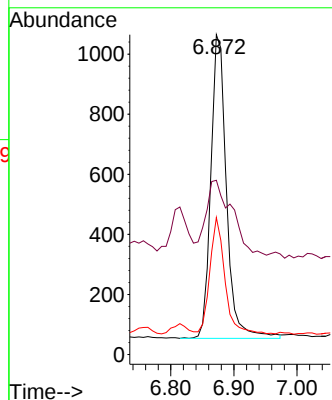


#5  
Phenol-d6  
Concen: 0.128 ng  
RT: 6.872 min Scan# 51  
Delta R.T. -0.014 min  
Lab File: BN038454.D  
Acq: 16 Dec 2025 22:59

Instrument :  
BNA\_N  
ClientSampleId :  
MW-18B-57.5-121125

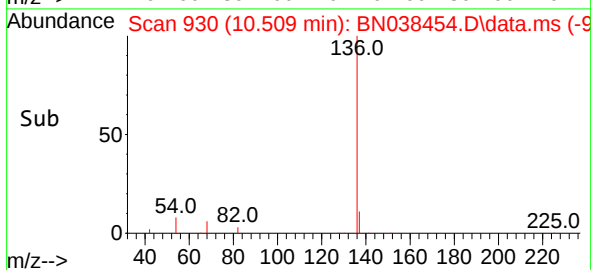
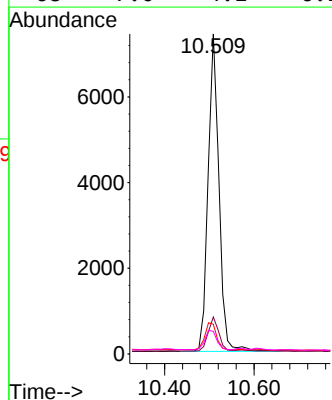
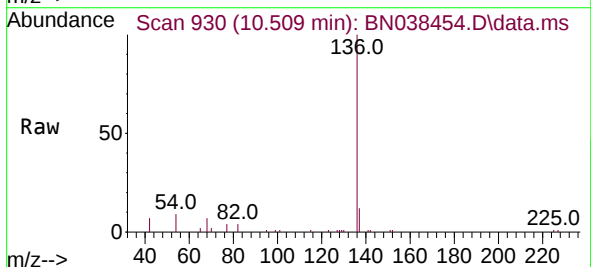


Tgt Ion: 99 Resp: 1741  
Ion Ratio Lower Upper  
99 100  
42 41.5 16.5 24.7#  
71 36.5 24.9 37.3



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.509 min Scan# 930  
Delta R.T. -0.021 min  
Lab File: BN038454.D  
Acq: 16 Dec 2025 22:59

Tgt Ion: 136 Resp: 12596  
Ion Ratio Lower Upper  
136 100  
137 11.5 9.1 13.7  
54 9.3 5.2 7.8#  
68 7.0 4.1 6.1#

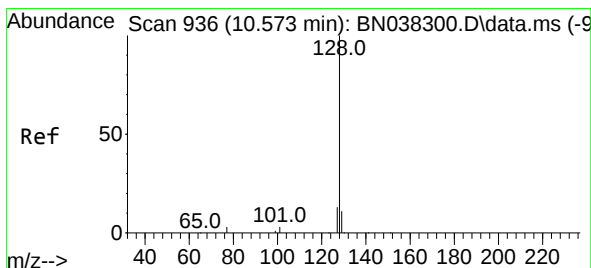
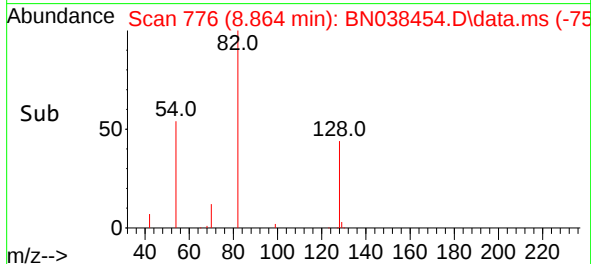
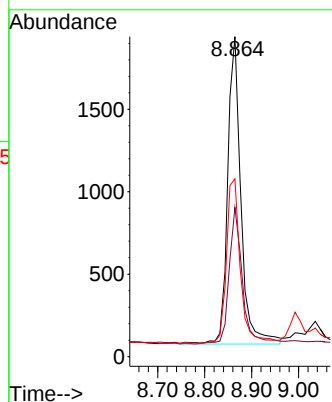
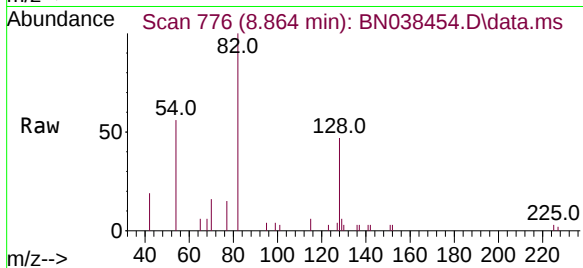




#8  
 Nitrobenzene-d5  
 Concen: 0.345 ng  
 RT: 8.864 min Scan# 71  
 Delta R.T. -0.011 min  
 Lab File: BN038454.D  
 Acq: 16 Dec 2025 22:59

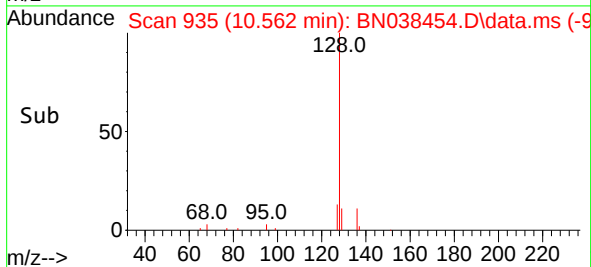
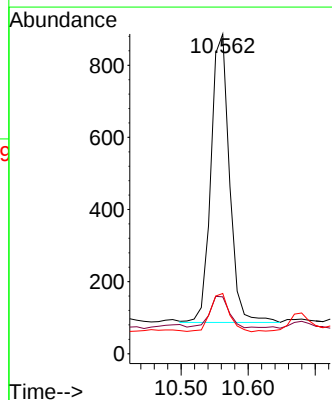
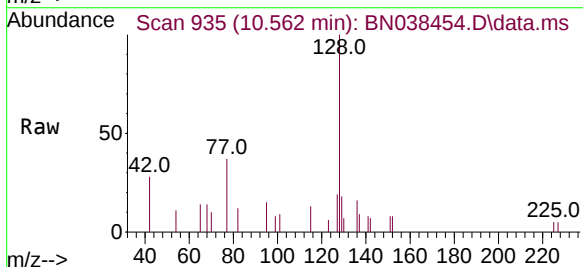
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-18B-57.5-121125

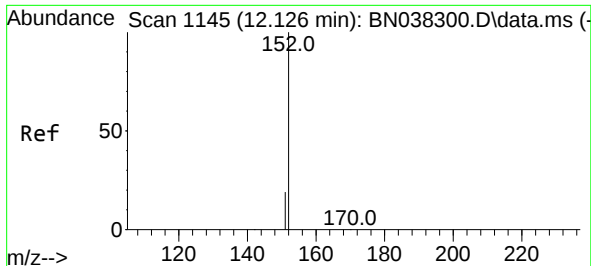
Tgt Ion: 82 Resp: 3663  
 Ion Ratio Lower Upper  
 82 100  
 128 46.6 34.0 51.0  
 54 55.6 44.4 66.6



#9  
 Naphthalene  
 Concen: 0.041 ng  
 RT: 10.562 min Scan# 935  
 Delta R.T. -0.011 min  
 Lab File: BN038454.D  
 Acq: 16 Dec 2025 22:59

Tgt Ion: 128 Resp: 1537  
 Ion Ratio Lower Upper  
 128 100  
 129 17.8 9.1 13.7#  
 127 18.8 10.9 16.3#

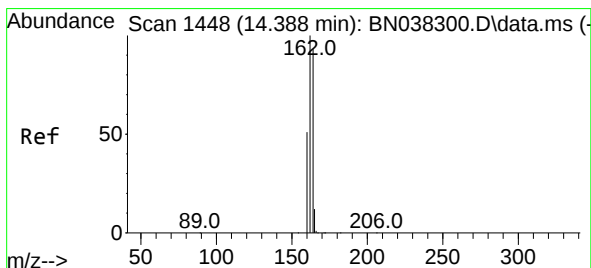
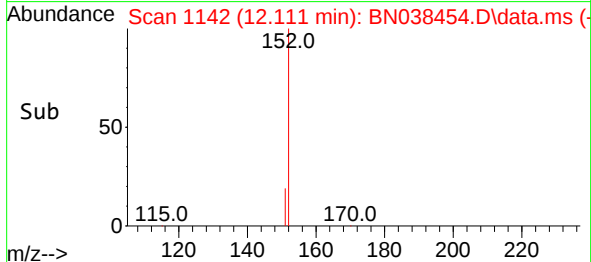
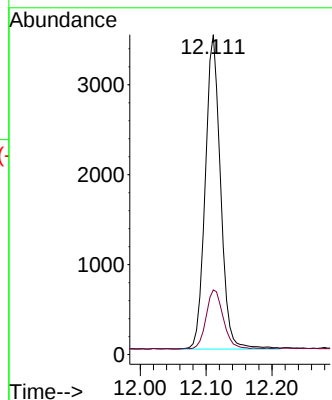
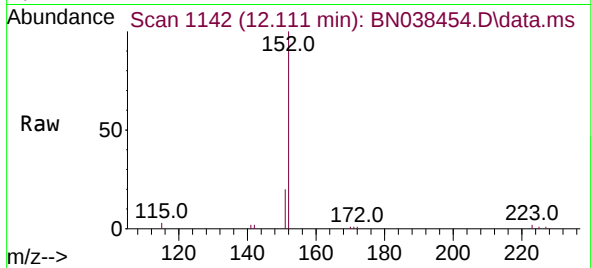




#11  
2-Methylnaphthalene-d10  
Concen: 0.317 ng  
RT: 12.111 min Scan# 1142  
Delta R.T. -0.015 min  
Lab File: BN038454.D  
Acq: 16 Dec 2025 22:59

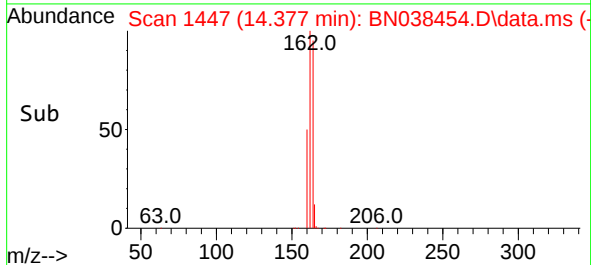
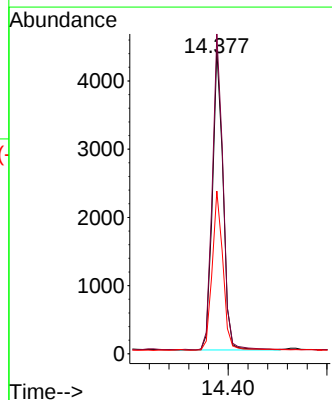
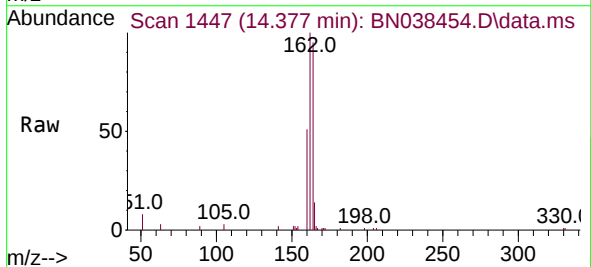
Instrument :  
BNA\_N  
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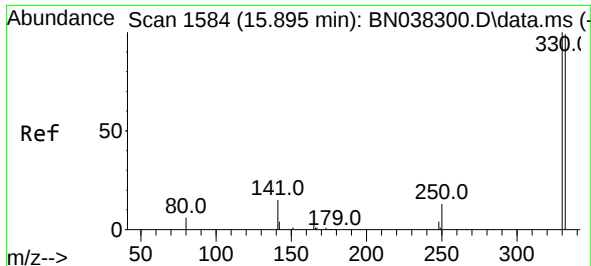
Tgt Ion:152 Resp: 5639  
Ion Ratio Lower Upper  
152 100  
151 21.2 17.0 25.6



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.377 min Scan# 1447  
Delta R.T. -0.021 min  
Lab File: BN038454.D  
Acq: 16 Dec 2025 22:59

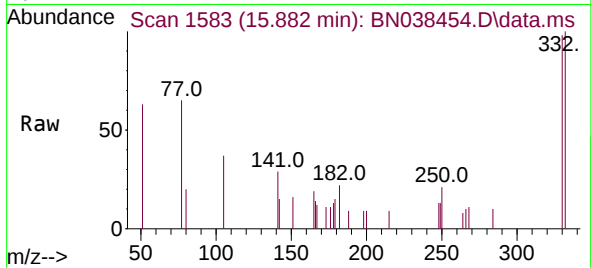
Tgt Ion:164 Resp: 6542  
Ion Ratio Lower Upper  
164 100  
162 105.2 86.2 129.4  
160 53.6 44.6 67.0



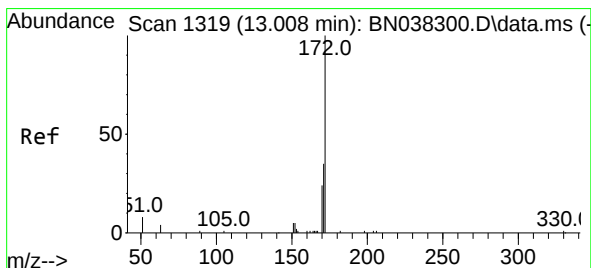
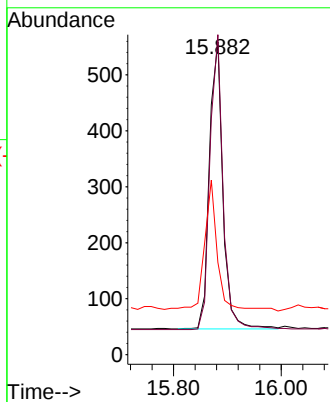
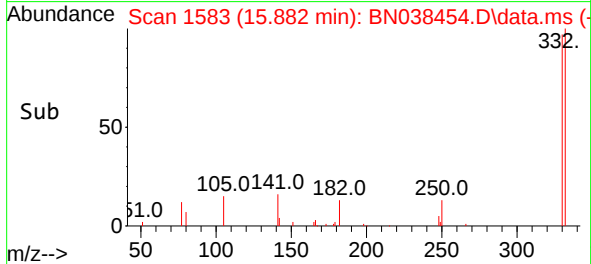


#14  
 2,4,6-Tribromophenol  
 Concen: 0.310 ng  
 RT: 15.882 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: BN038454.D  
 Acq: 16 Dec 2025 22:59

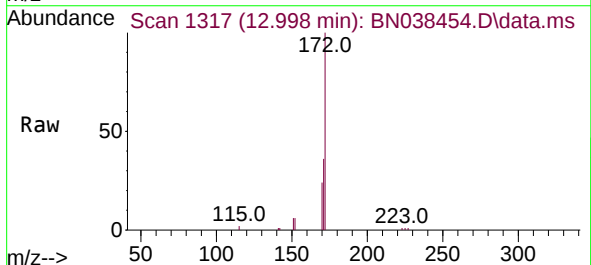
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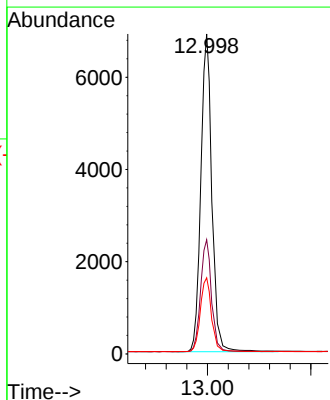
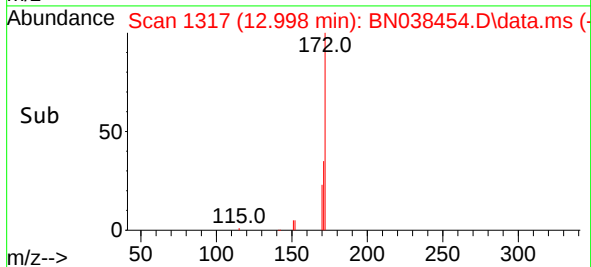
Tgt Ion:330 Resp: 899  
 Ion Ratio Lower Upper  
 330 100  
 332 99.2 75.8 113.6  
 141 44.7 31.8 47.8

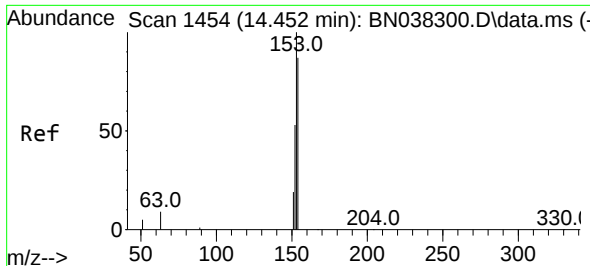


#15  
 2-Fluorobiphenyl  
 Concen: 0.452 ng  
 RT: 12.998 min Scan# 1317  
 Delta R.T. -0.010 min  
 Lab File: BN038454.D  
 Acq: 16 Dec 2025 22:59



Tgt Ion:172 Resp: 14255  
 Ion Ratio Lower Upper  
 172 100  
 171 35.7 28.6 42.8  
 170 23.8 19.3 28.9

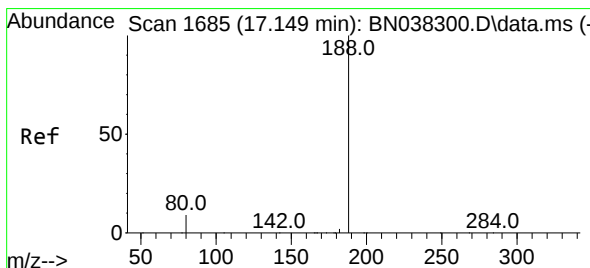
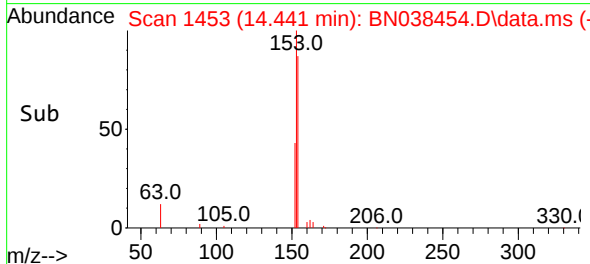
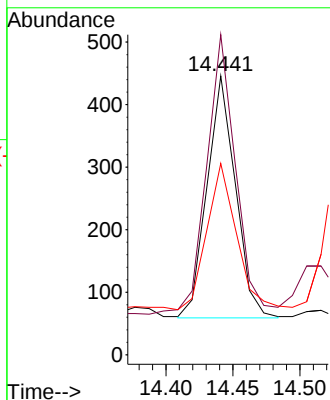
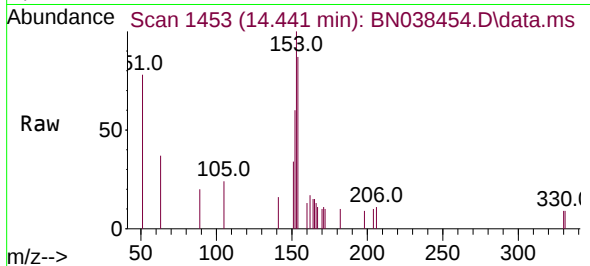




#17  
Acenaphthene  
Concen: 0.026 ng  
RT: 14.441 min Scan# 14  
Delta R.T. -0.021 min  
Lab File: BN038454.D  
Acq: 16 Dec 2025 22:59

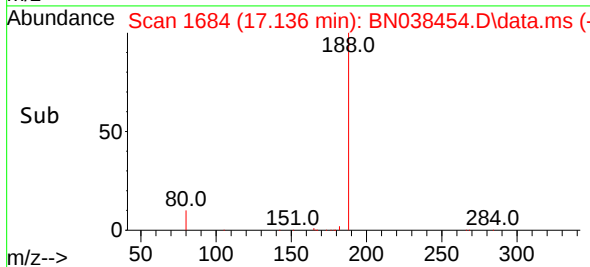
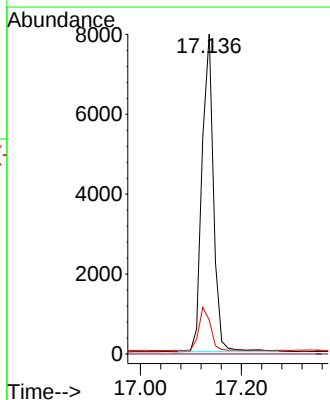
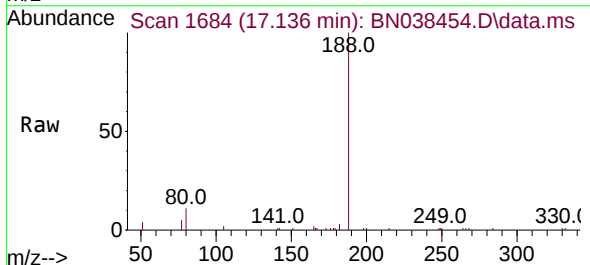
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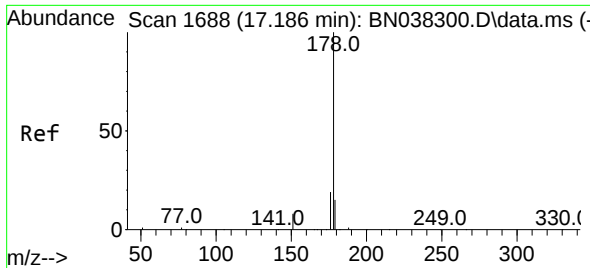
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:154 | Resp: | 572        |
| Ion Ratio   | Lower | Upper      |
| 154         | 100   |            |
| 153         | 117.8 | 89.8 134.8 |
| 152         | 61.9  | 47.5 71.3  |



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.136 min Scan# 1684  
Delta R.T. -0.012 min  
Lab File: BN038454.D  
Acq: 16 Dec 2025 22:59

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:188 | Resp: | 12522    |
| Ion Ratio   | Lower | Upper    |
| 188         | 100   |          |
| 94          | 0.0   | 0.0 0.0  |
| 80          | 10.6  | 7.4 11.0 |

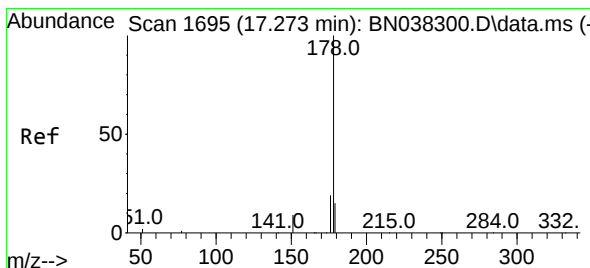
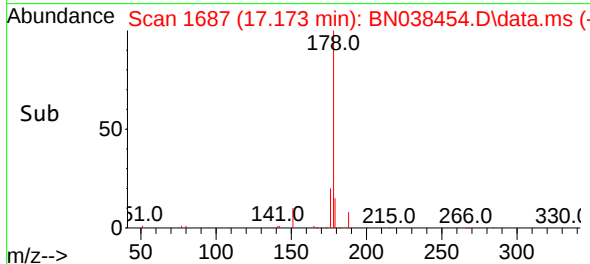
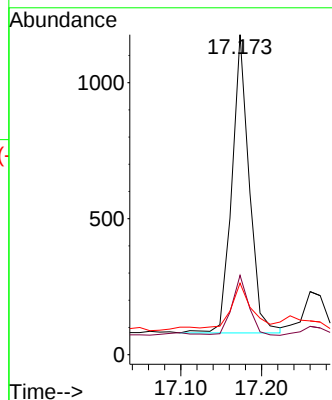
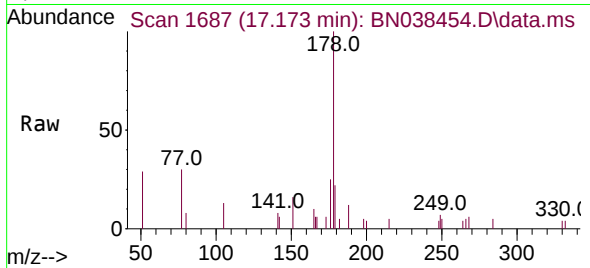




#25  
Phenanthrene  
Concen: 0.038 ng  
RT: 17.173 min Scan# 1687  
Delta R.T. -0.012 min  
Lab File: BN038454.D  
Acq: 16 Dec 2025 22:59

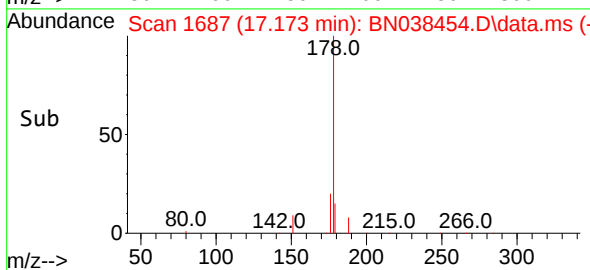
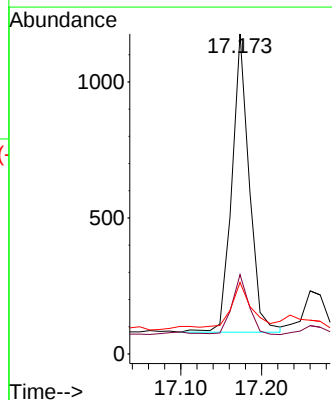
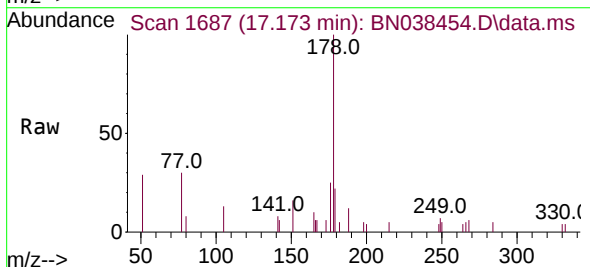
Instrument :  
BNA\_N  
ClientSampleId :  
MW-18B-57.5-121125

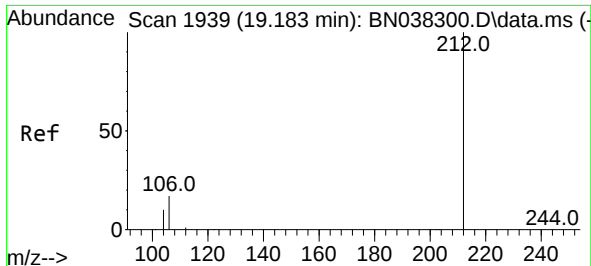
Tgt Ion:178 Resp: 1640  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.5 23.3  
179 21.7 12.2 18.2#



#26  
Anthracene  
Concen: 0.044 ng  
RT: 17.173 min Scan# 1687  
Delta R.T. -0.112 min  
Lab File: BN038454.D  
Acq: 16 Dec 2025 22:59

Tgt Ion:178 Resp: 1640  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.1 22.7  
179 15.4 12.0 18.0

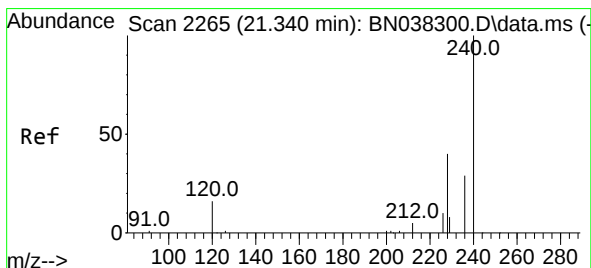
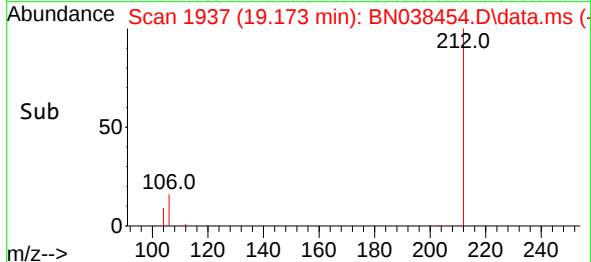
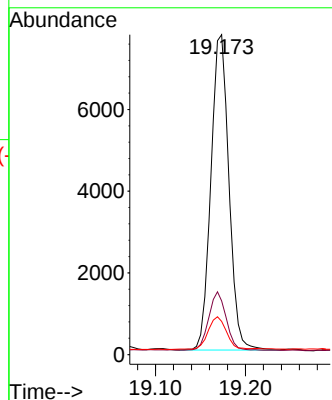
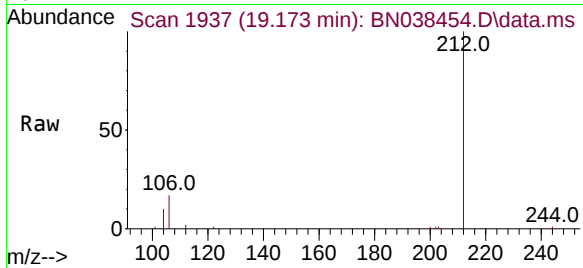




#27  
Fluoranthene-d10  
Concen: 0.346 ng  
RT: 19.173 min Scan# 1937  
Delta R.T. -0.014 min  
Lab File: BN038454.D  
Acq: 16 Dec 2025 22:59

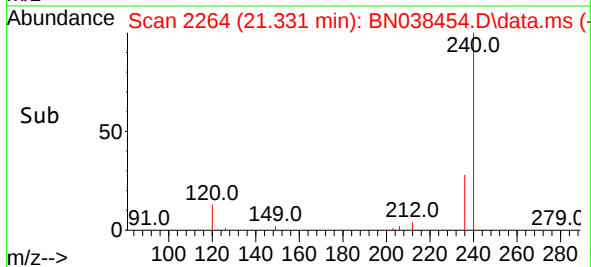
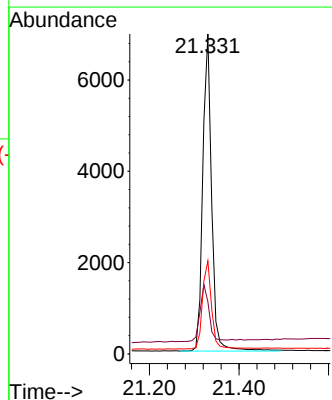
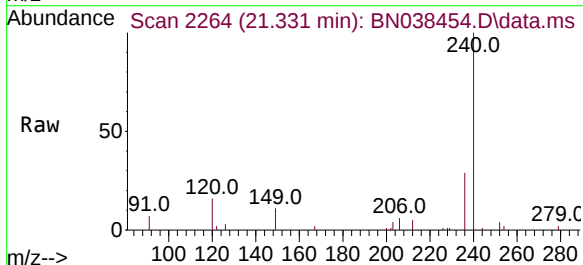
Instrument :  
BNA\_N  
ClientSampleId :  
MW-18B-57.5-121125

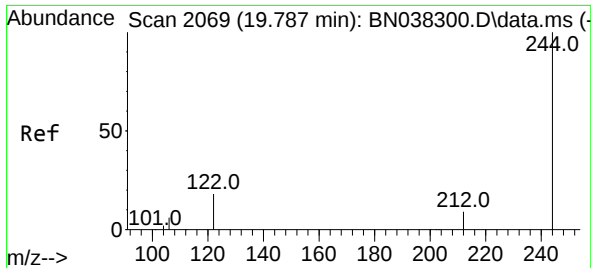
Tgt Ion:212 Resp: 10718  
Ion Ratio Lower Upper  
212 100  
106 18.1 13.7 20.5  
104 10.8 7.8 11.8



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.331 min Scan# 2264  
Delta R.T. -0.009 min  
Lab File: BN038454.D  
Acq: 16 Dec 2025 22:59

Tgt Ion:240 Resp: 9591  
Ion Ratio Lower Upper  
240 100  
120 16.3 15.4 23.2  
236 29.1 23.9 35.9

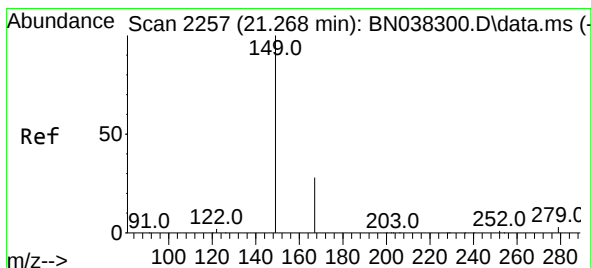
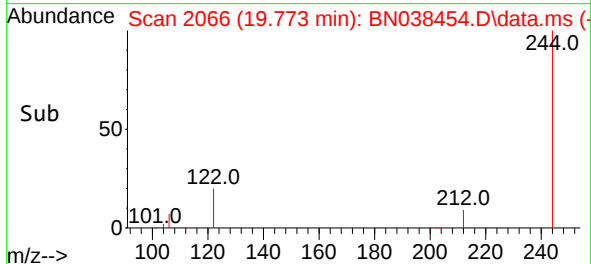
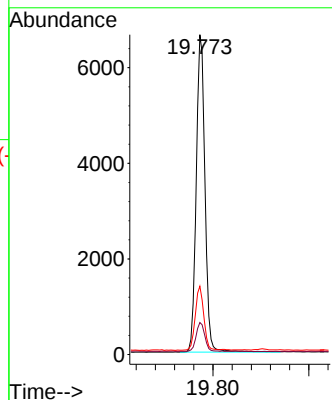
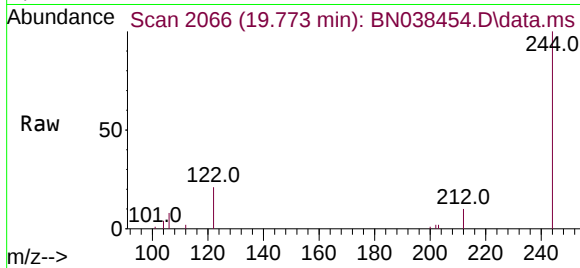




#31  
 Terphenyl-d14  
 Concen: 0.391 ng  
 RT: 19.773 min Scan# 2069  
 Delta R.T. -0.019 min  
 Lab File: BN038454.D  
 Acq: 16 Dec 2025 22:59

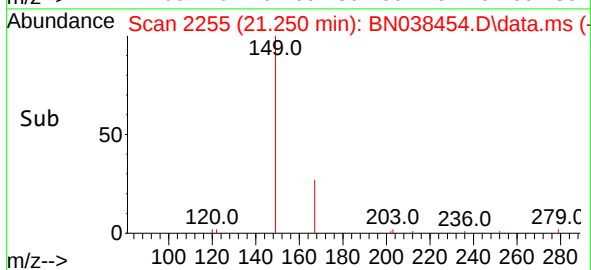
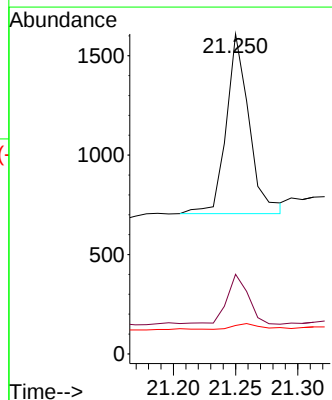
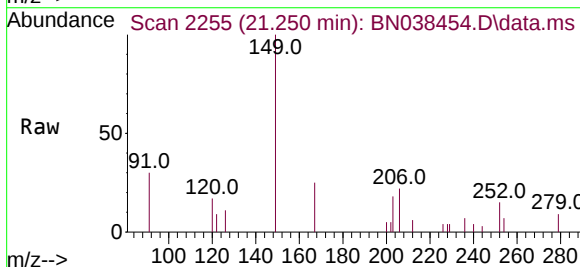
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-18B-57.5-121125

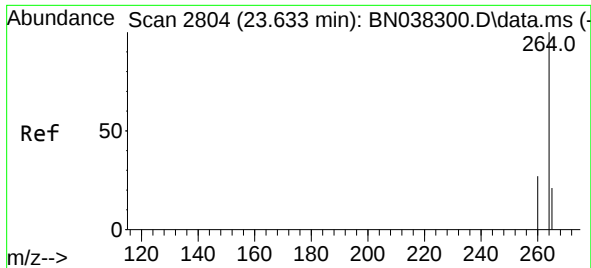
Tgt Ion:244 Resp: 8359  
 Ion Ratio Lower Upper  
 244 100  
 212 10.0 7.9 11.9  
 122 21.4 15.0 22.6



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.057 ng  
 RT: 21.250 min Scan# 2255  
 Delta R.T. -0.018 min  
 Lab File: BN038454.D  
 Acq: 16 Dec 2025 22:59

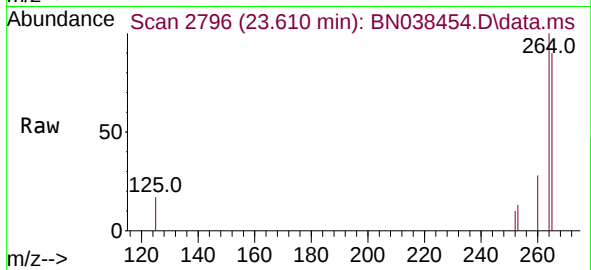
Tgt Ion:149 Resp: 1156  
 Ion Ratio Lower Upper  
 149 100  
 167 25.7 21.4 32.0  
 279 4.0 2.4 3.6





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.610 min Scan# 21  
 Delta R.T. -0.023 min  
 Lab File: BN038454.D  
 Acq: 16 Dec 2025 22:59

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-18B-57.5-121125



Tgt Ion:264 Resp: 9491  
 Ion Ratio Lower Upper  
 264 100  
 260 27.7 22.2 33.2  
 265 89.8 80.2 120.2

