

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121625\  
 Data File : BN038459.D  
 Acq On : 17 Dec 2025 01:59  
 Operator : RC/JU  
 Sample : Q3863-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-17B-55-121225

Quant Time: Dec 17 03:01:02 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

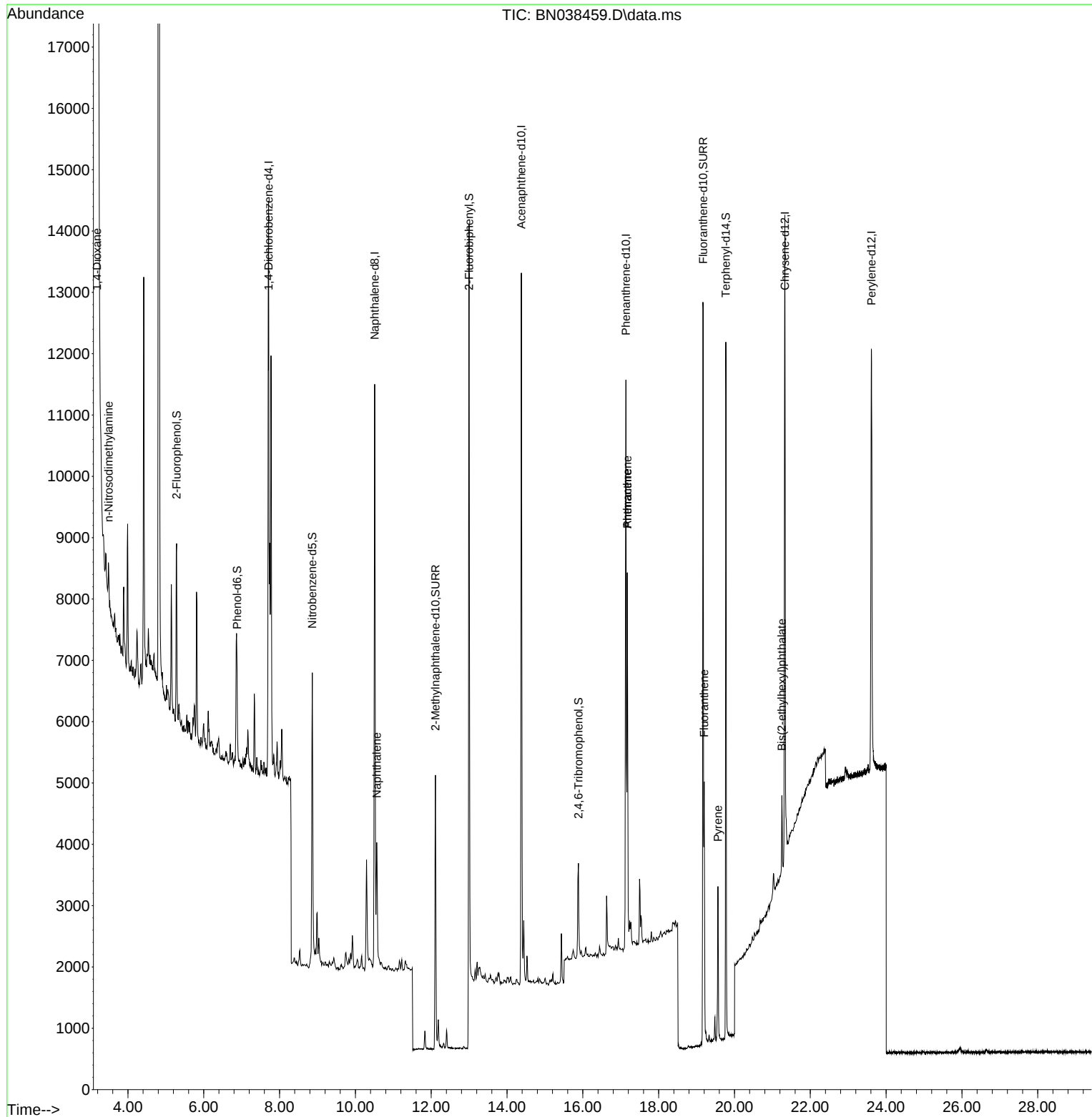
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.710  | 152  | 4638     | 0.400 | ng    | -0.01    |
| 7) Naphthalene-d8             | 10.509 | 136  | 12310    | 0.400 | ng    | #-0.02   |
| 13) Acenaphthene-d10          | 14.377 | 164  | 6700     | 0.400 | ng    | -0.02    |
| 19) Phenanthrene-d10          | 17.136 | 188  | 13034    | 0.400 | ng    | -0.01    |
| 29) Chrysene-d12              | 21.331 | 240  | 9904     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.613 | 264  | 9884     | 0.400 | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.283  | 112  | 2076     | 0.180 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.879  | 99   | 1454     | 0.106 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.865  | 82   | 4391     | 0.423 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.111 | 152  | 6404     | 0.369 | ng    | -0.02    |
| 14) 2,4,6-Tribromophenol      | 15.883 | 330  | 1058     | 0.356 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.998 | 172  | 16493    | 0.511 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.174 | 212  | 12974    | 0.402 | ng    | -0.01    |
| 31) Terphenyl-d14             | 19.773 | 244  | 10353    | 0.468 | ng    | -0.02    |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.182  | 88   | 17026    | 3.202 | ng    | # 70     |
| 3) n-Nitrosodimethylamine     | 3.492  | 42   | 211      | 0.032 | ng    | # 1      |
| 9) Naphthalene                | 10.562 | 128  | 1607     | 0.044 | ng    | # 86     |
| 25) Phenanthrene              | 17.173 | 178  | 6168     | 0.136 | ng    | 99       |
| 26) Anthracene                | 17.173 | 178  | 6168     | 0.158 | ng    | 99       |
| 28) Fluoranthene              | 19.201 | 202  | 3653     | 0.076 | ng    | 97       |
| 30) Pyrene                    | 19.564 | 202  | 2359     | 0.048 | ng    | # 93     |
| 34) Bis(2-ethylhexyl)phtha... | 21.250 | 149  | 1279     | 0.061 | ng    | # 95     |
| -----                         |        |      |          |       |       |          |

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

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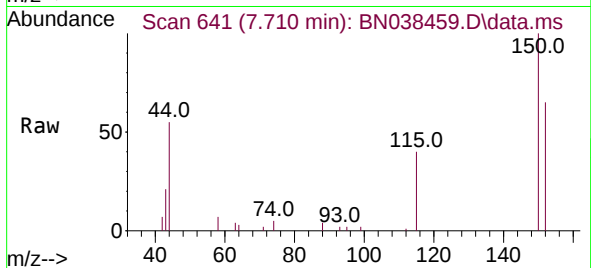
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN121025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 10 13:56:50 2025  
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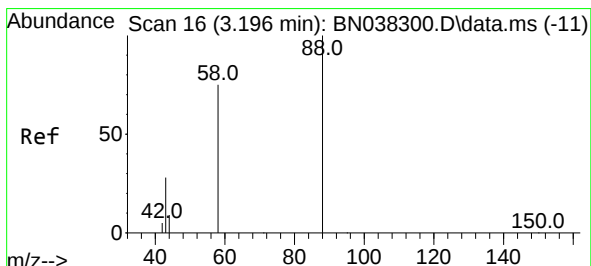
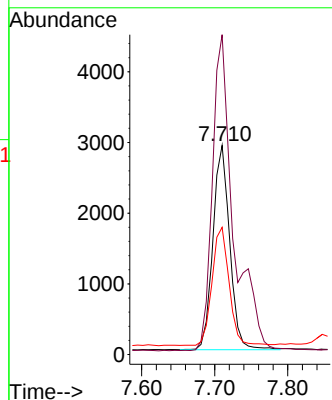
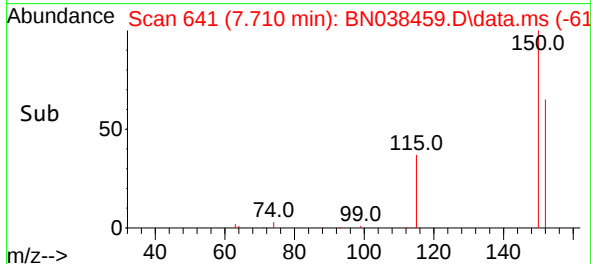


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.710 min Scan# 64  
 Delta R.T. -0.014 min  
 Lab File: BN038459.D  
 Acq: 17 Dec 2025 01:59

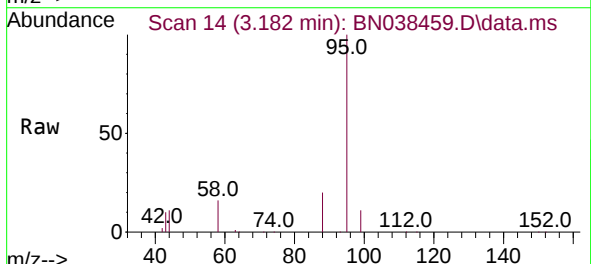
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-17B-55-121225



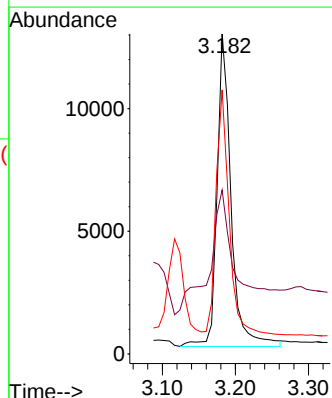
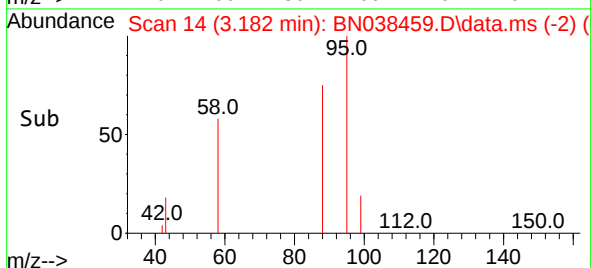
Tgt Ion:152 Resp: 4638  
 Ion Ratio Lower Upper  
 152 100  
 150 153.0 122.4 183.6  
 115 60.9 47.3 70.9



#2  
 1,4-Dioxane  
 Concen: 3.202 ng  
 RT: 3.182 min Scan# 14  
 Delta R.T. -0.014 min  
 Lab File: BN038459.D  
 Acq: 17 Dec 2025 01:59



Tgt Ion: 88 Resp: 17026  
 Ion Ratio Lower Upper  
 88 100  
 43 81.6 24.9 37.3#  
 58 72.6 61.4 92.0

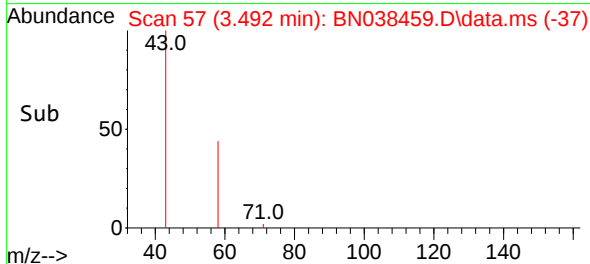
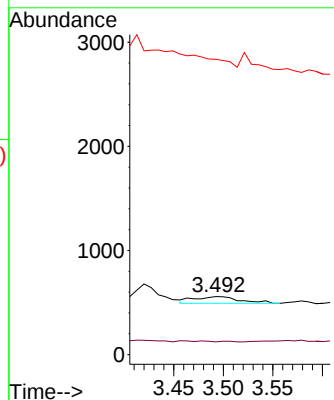
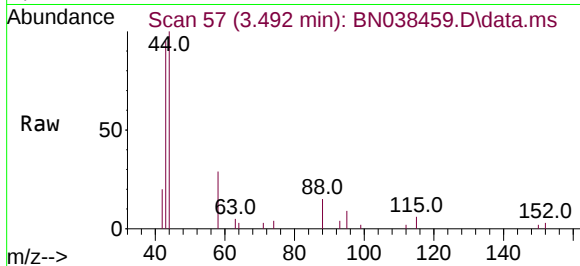




#3  
 n-Nitrosodimethylamine  
 Concen: 0.032 ng  
 RT: 3.492 min Scan# 51  
 Delta R.T. -0.007 min  
 Lab File: BN038459.D  
 Acq: 17 Dec 2025 01:59

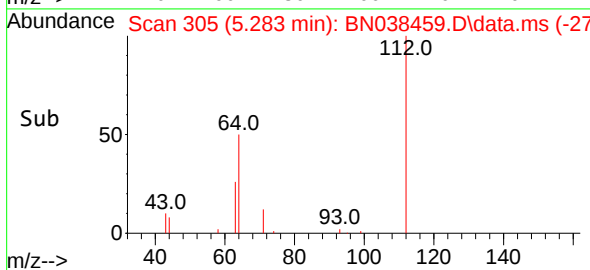
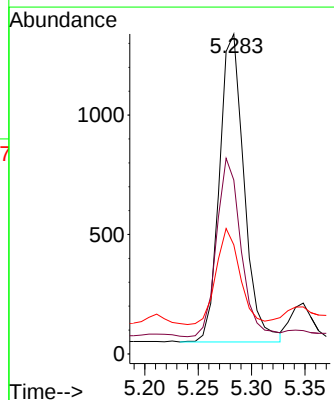
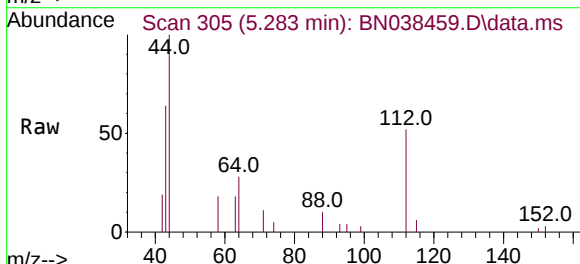
Instrument :  
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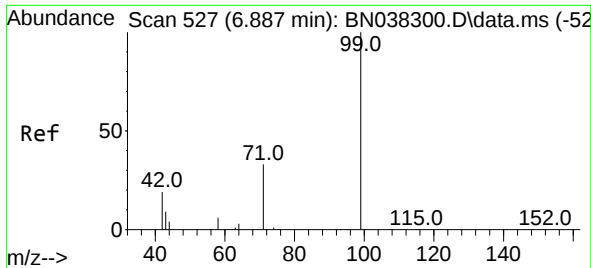
Tgt Ion: 42 Resp: 211  
 Ion Ratio Lower Upper  
 42 100  
 74 2.8 95.3 142.9#  
 44 0.0 7.9 11.9#



#4  
 2-Fluorophenol  
 Concen: 0.180 ng  
 RT: 5.283 min Scan# 305  
 Delta R.T. -0.007 min  
 Lab File: BN038459.D  
 Acq: 17 Dec 2025 01:59

Tgt Ion: 112 Resp: 2076  
 Ion Ratio Lower Upper  
 112 100  
 64 57.2 44.4 66.6  
 63 30.0 23.4 35.0

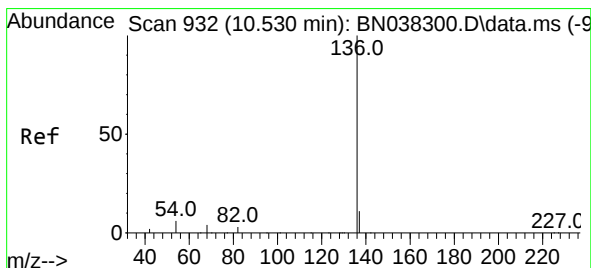
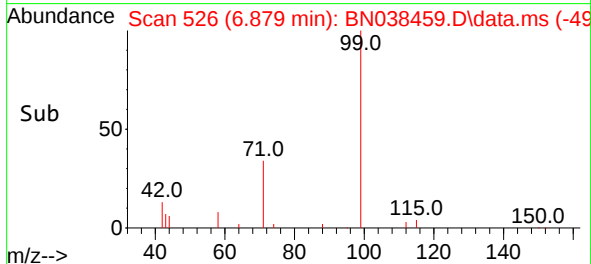
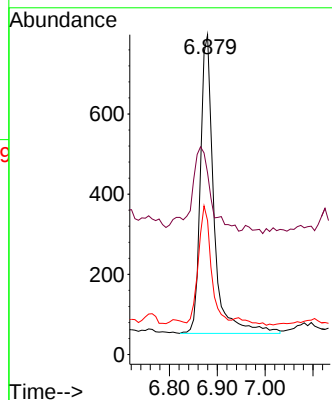
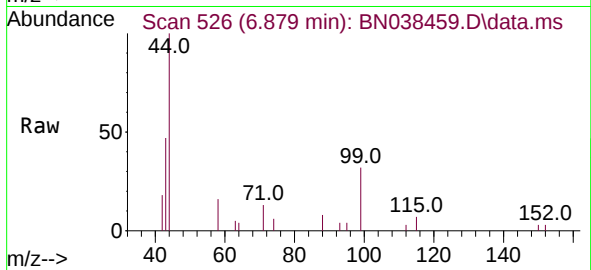




#5  
Phenol-d6  
Concen: 0.106 ng  
RT: 6.879 min Scan# 51  
Delta R.T. -0.007 min  
Lab File: BN038459.D  
Acq: 17 Dec 2025 01:59

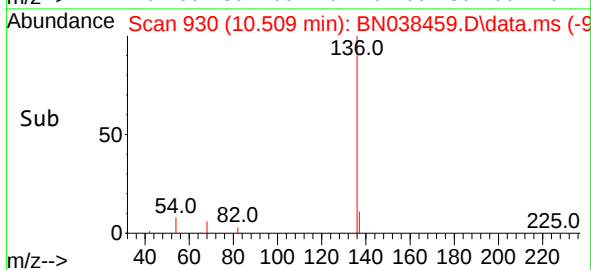
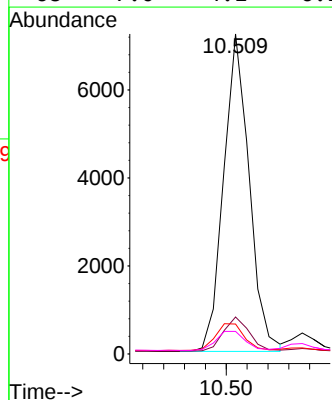
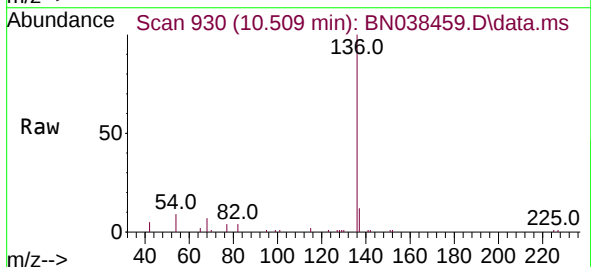
Instrument :  
BNA\_N  
ClientSampleId :  
MW-17B-55-121225

Tgt Ion: 99 Resp: 1454  
Ion Ratio Lower Upper  
99 100  
42 40.0 16.5 24.7#  
71 37.8 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: BN038459.D  
Acq: 17 Dec 2025 01:59

Tgt Ion: 136 Resp: 12310  
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#

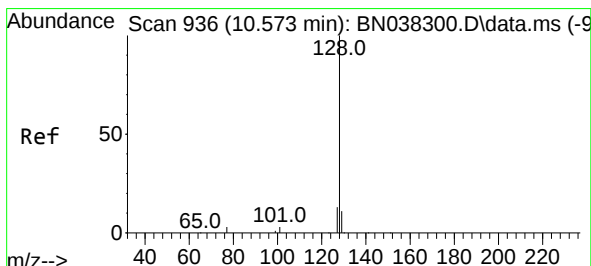
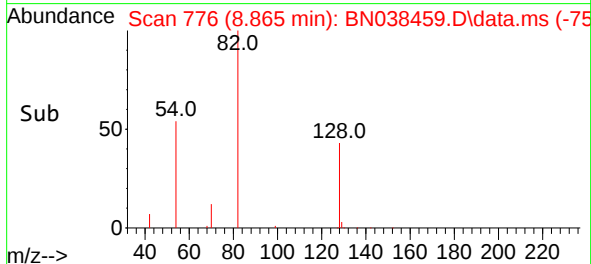
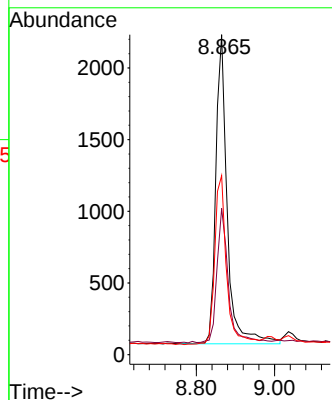
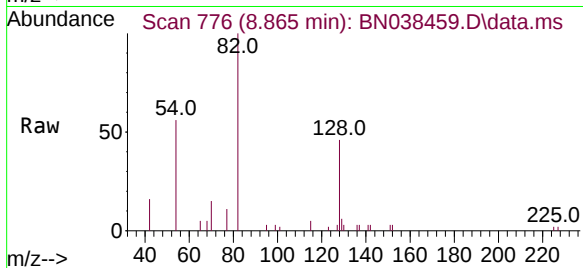




#8  
Nitrobenzene-d5  
Concen: 0.423 ng  
RT: 8.865 min Scan# 71  
Delta R.T. -0.011 min  
Lab File: BN038459.D  
Acq: 17 Dec 2025 01:59

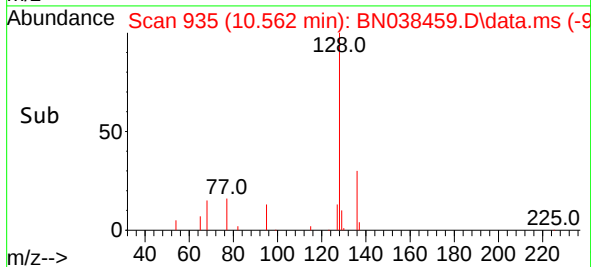
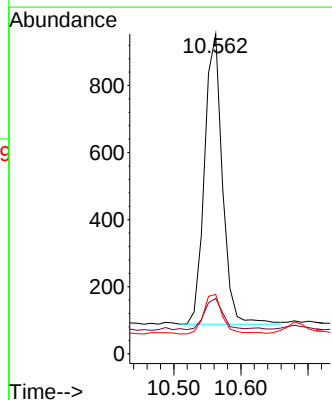
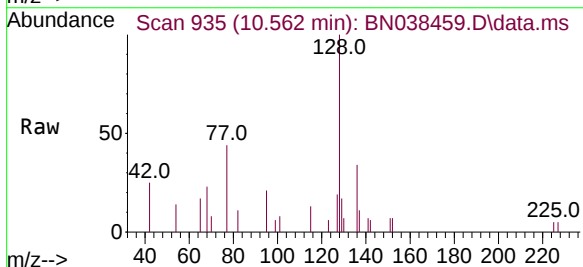
Instrument :  
BNA\_N  
ClientSampleId :  
MW-17B-55-121225

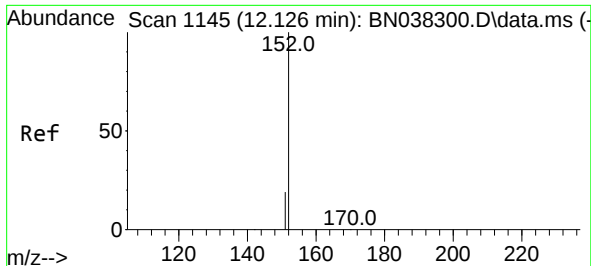
Tgt Ion: 82 Resp: 4391  
Ion Ratio Lower Upper  
82 100  
128 45.7 34.0 51.0  
54 55.9 44.4 66.6



#9  
Naphthalene  
Concen: 0.044 ng  
RT: 10.562 min Scan# 935  
Delta R.T. -0.011 min  
Lab File: BN038459.D  
Acq: 17 Dec 2025 01:59

Tgt Ion: 128 Resp: 1607  
Ion Ratio Lower Upper  
128 100  
129 17.3 9.1 13.7#  
127 18.6 10.9 16.3#

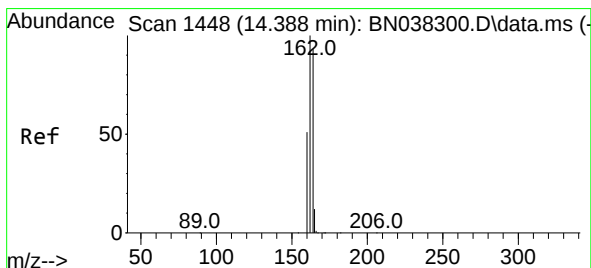
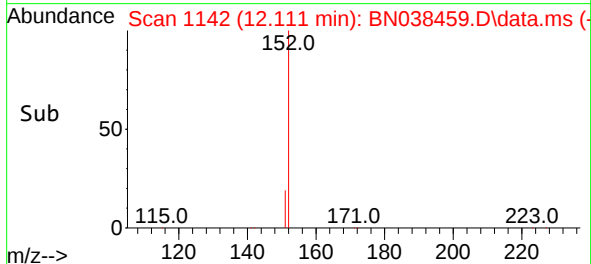
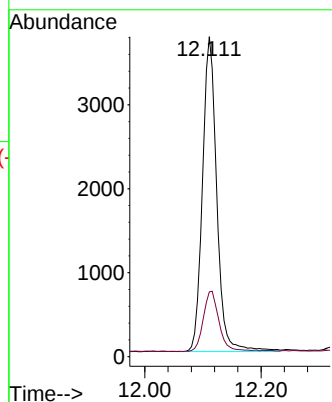
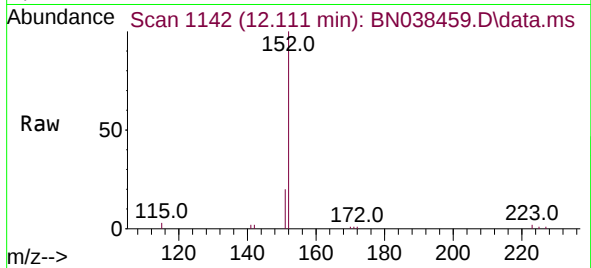




#11  
2-Methylnaphthalene-d10  
Concen: 0.369 ng  
RT: 12.111 min Scan# 1142  
Delta R.T. -0.015 min  
Lab File: BN038459.D  
Acq: 17 Dec 2025 01:59

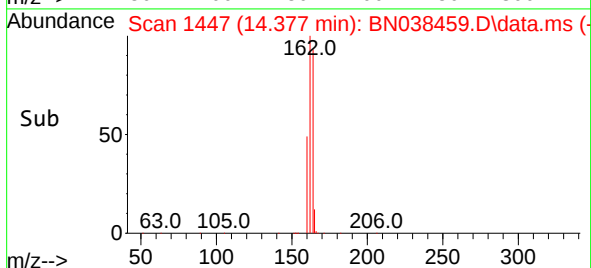
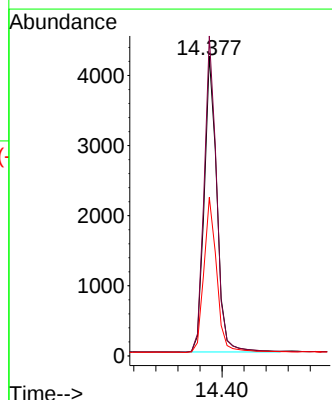
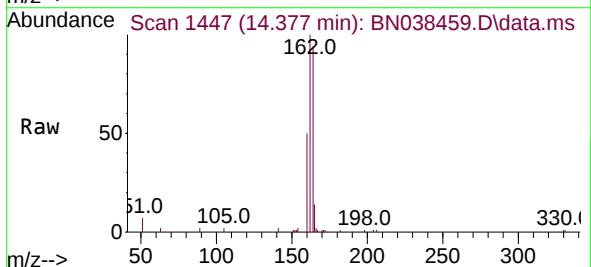
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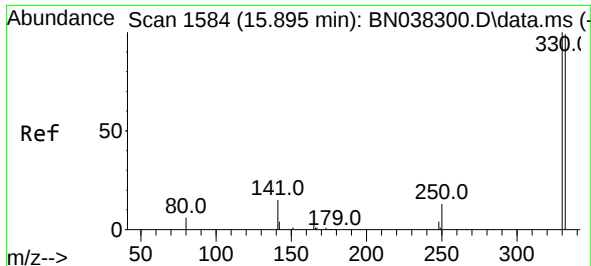
Tgt Ion:152 Resp: 6404  
Ion Ratio Lower Upper  
152 100  
151 21.2 17.0 25.6



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.377 min Scan# 1447  
Delta R.T. -0.021 min  
Lab File: BN038459.D  
Acq: 17 Dec 2025 01:59

Tgt Ion:164 Resp: 6700  
Ion Ratio Lower Upper  
164 100  
162 106.8 86.2 129.4  
160 52.9 44.6 67.0

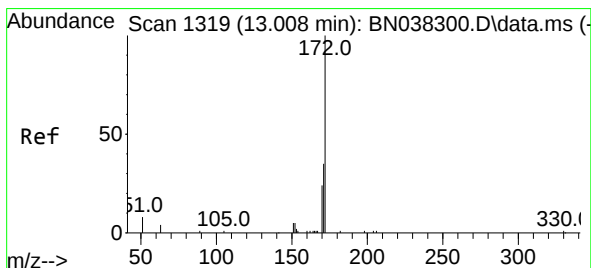
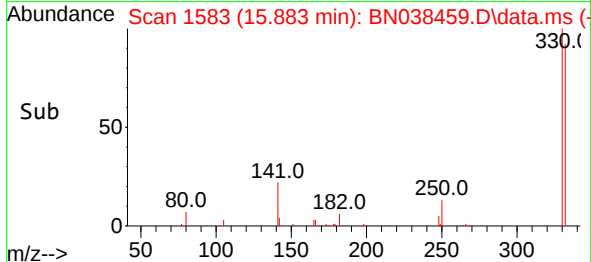
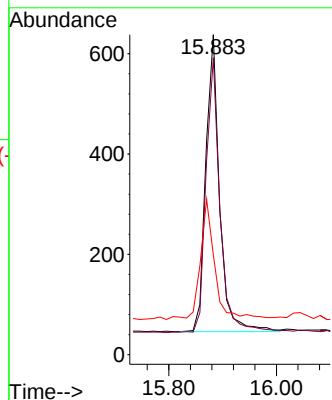
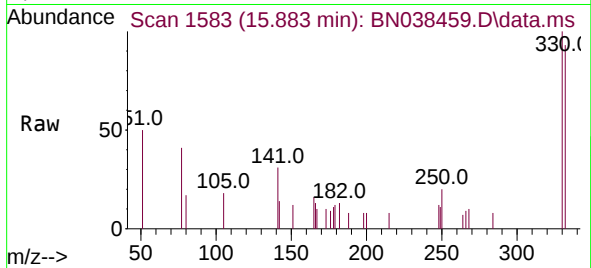




#14  
2,4,6-Tribromophenol  
Concen: 0.356 ng  
RT: 15.883 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BN038459.D  
Acq: 17 Dec 2025 01:59

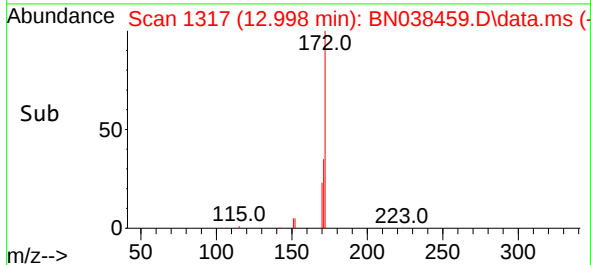
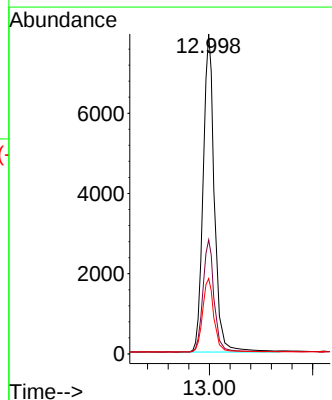
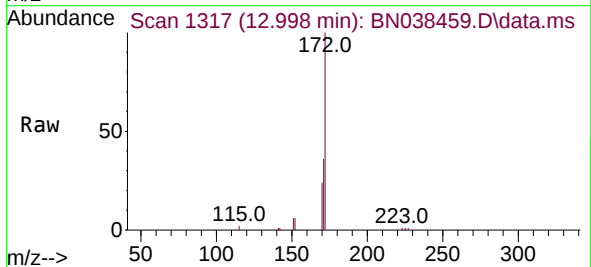
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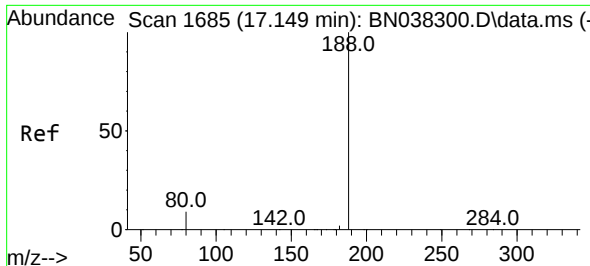
Tgt Ion:330 Resp: 1058  
Ion Ratio Lower Upper  
330 100  
332 94.3 75.8 113.6  
141 42.6 31.8 47.8



#15  
2-Fluorobiphenyl  
Concen: 0.511 ng  
RT: 12.998 min Scan# 1317  
Delta R.T. -0.010 min  
Lab File: BN038459.D  
Acq: 17 Dec 2025 01:59

Tgt Ion:172 Resp: 16493  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.6 42.8  
170 23.5 19.3 28.9

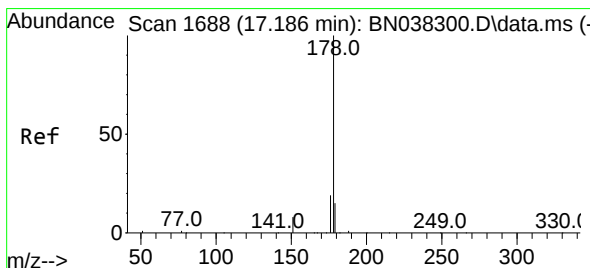
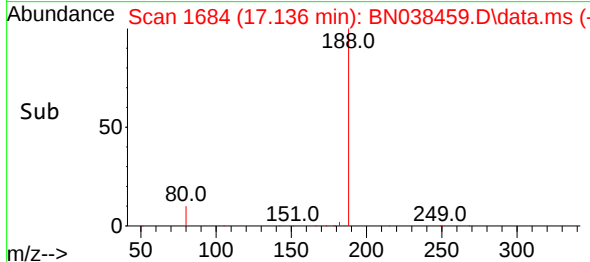
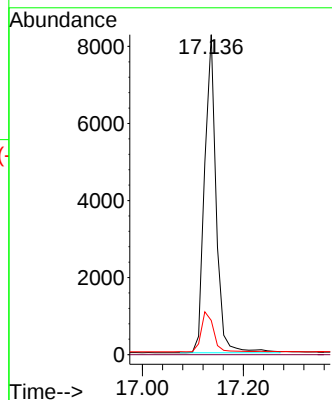
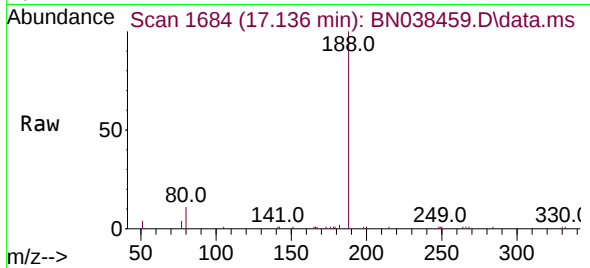




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.136 min Scan# 1684  
Delta R.T. -0.012 min  
Lab File: BN038459.D  
Acq: 17 Dec 2025 01:59

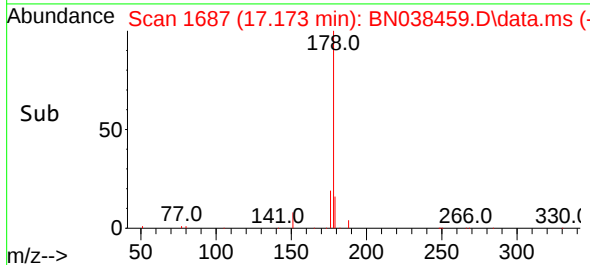
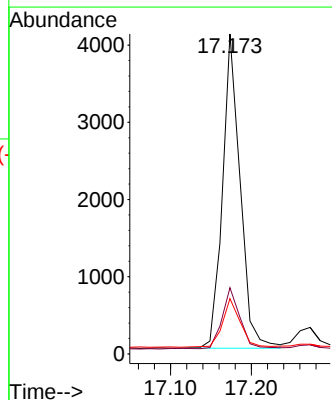
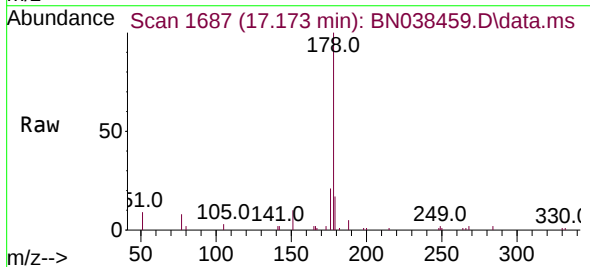
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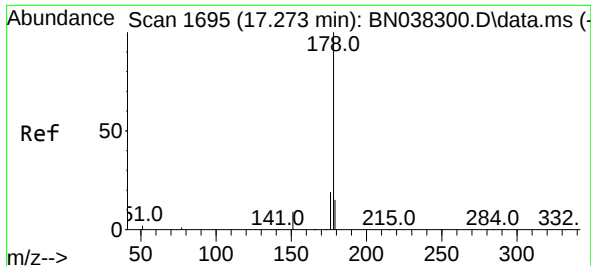
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Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.7 7.4 11.0



#25  
Phenanthrene  
Concen: 0.136 ng  
RT: 17.173 min Scan# 1687  
Delta R.T. -0.012 min  
Lab File: BN038459.D  
Acq: 17 Dec 2025 01:59

Tgt Ion:178 Resp: 6168  
Ion Ratio Lower Upper  
178 100  
176 20.2 15.5 23.3  
179 15.4 12.2 18.2

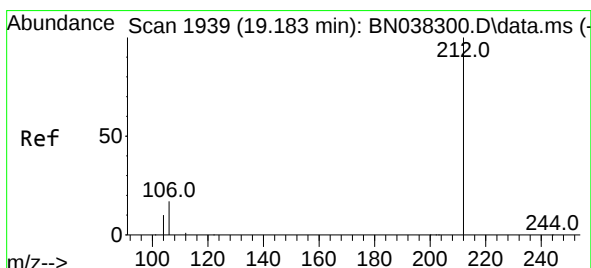
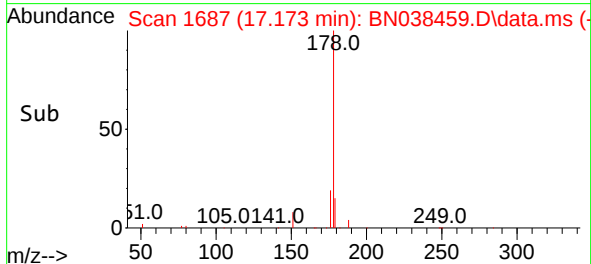
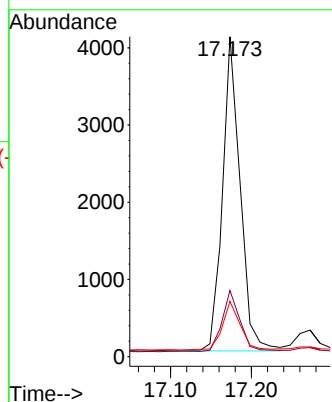
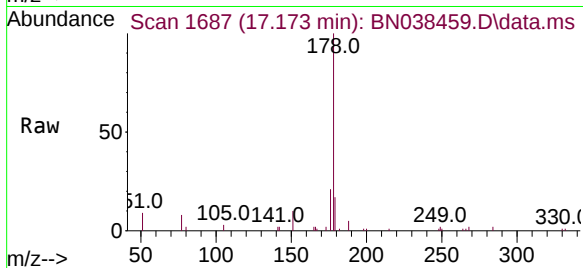




#26  
 Anthracene  
 Concen: 0.158 ng  
 RT: 17.173 min Scan# 1695  
 Delta R.T. -0.112 min  
 Lab File: BN038459.D  
 Acq: 17 Dec 2025 01:59

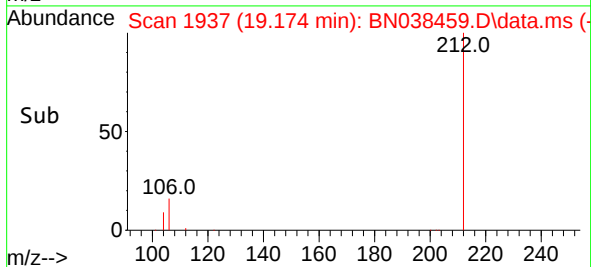
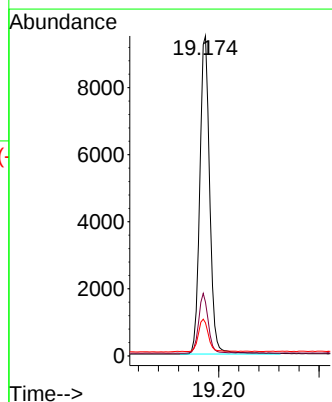
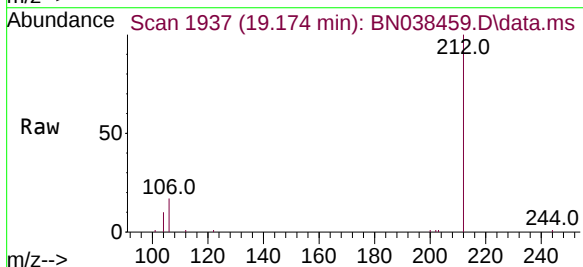
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-17B-55-121225

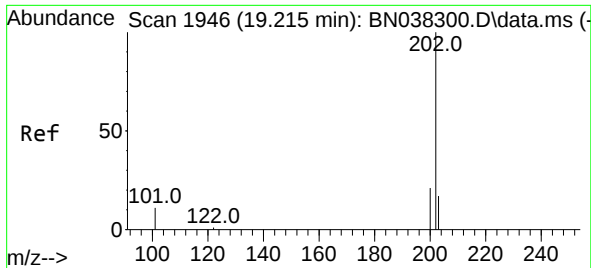
Tgt Ion:178 Resp: 6168  
 Ion Ratio Lower Upper  
 178 100  
 176 19.2 15.1 22.7  
 179 15.6 12.0 18.0



#27  
 Fluoranthene-d10  
 Concen: 0.402 ng  
 RT: 19.174 min Scan# 1937  
 Delta R.T. -0.014 min  
 Lab File: BN038459.D  
 Acq: 17 Dec 2025 01:59

Tgt Ion:212 Resp: 12974  
 Ion Ratio Lower Upper  
 212 100  
 106 18.2 13.7 20.5  
 104 10.1 7.8 11.8

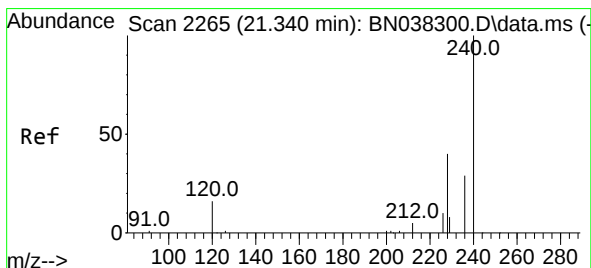
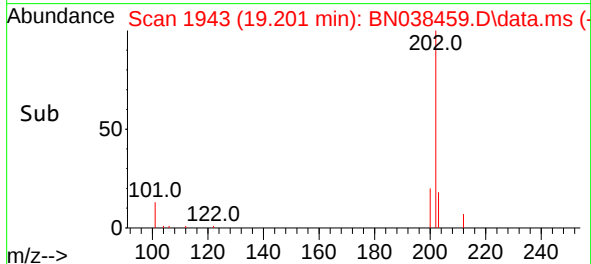
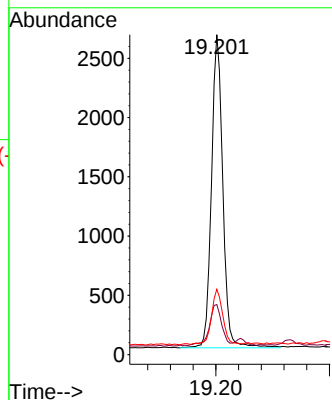
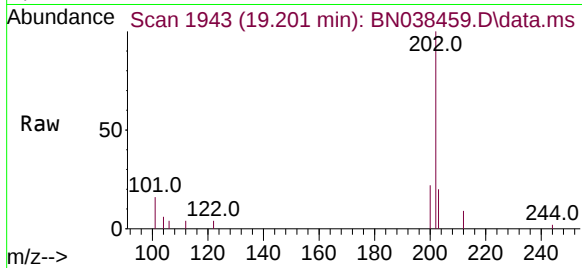




#28  
Fluoranthene  
Concen: 0.076 ng  
RT: 19.201 min Scan# 1943  
Delta R.T. -0.018 min  
Lab File: BN038459.D  
Acq: 17 Dec 2025 01:59

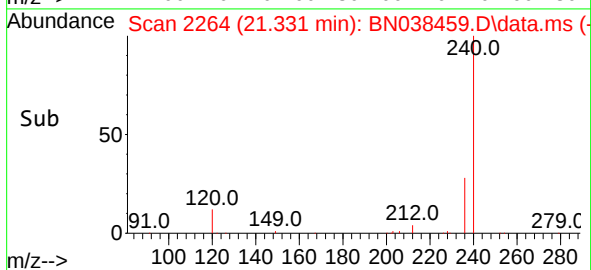
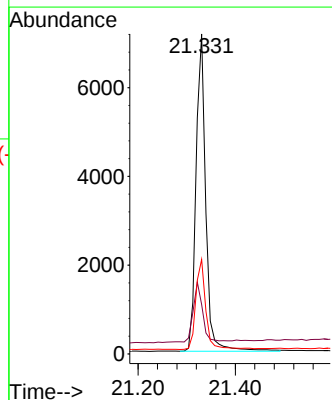
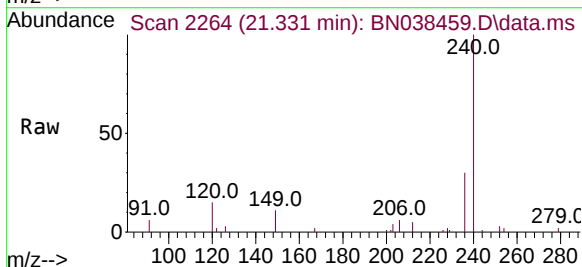
Instrument :  
BNA\_N  
ClientSampleId :  
MW-17B-55-121225

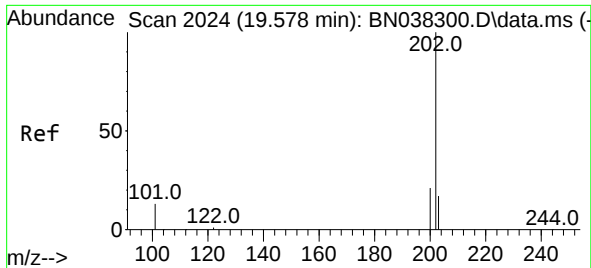
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 202   | Resp: | 3653 |
| Ion Ratio | Lower | Upper |      |
| 202       | 100   |       |      |
| 101       | 14.1  | 9.6   | 14.4 |
| 203       | 17.4  | 13.5  | 20.3 |



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.331 min Scan# 2264  
Delta R.T. -0.009 min  
Lab File: BN038459.D  
Acq: 17 Dec 2025 01:59

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 240   | Resp: | 9904 |
| Ion Ratio | Lower | Upper |      |
| 240       | 100   |       |      |
| 120       | 15.4  | 15.4  | 23.2 |
| 236       | 29.5  | 23.9  | 35.9 |

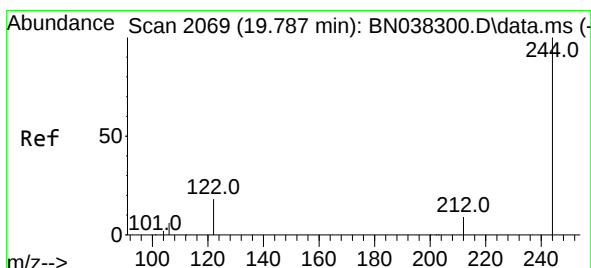
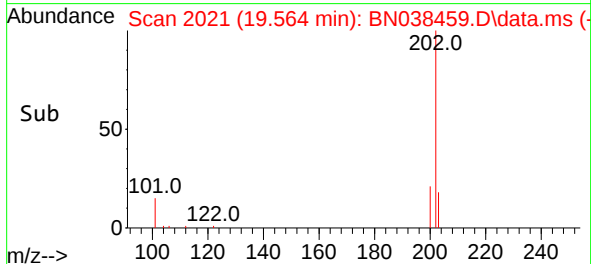
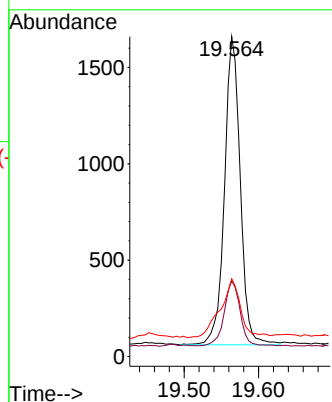
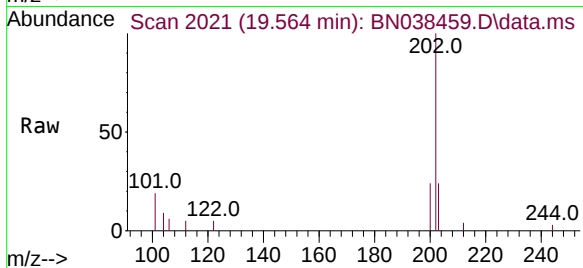




#30  
Pyrene  
Concen: 0.048 ng  
RT: 19.564 min Scan# 2021  
Delta R.T. -0.018 min  
Lab File: BN038459.D  
Acq: 17 Dec 2025 01:59

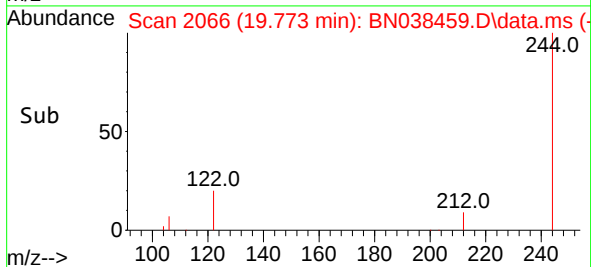
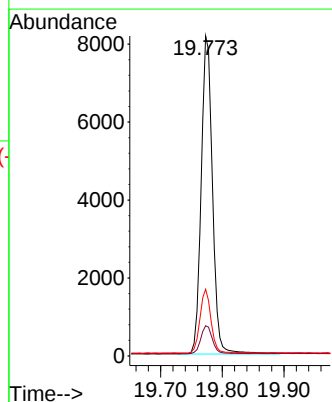
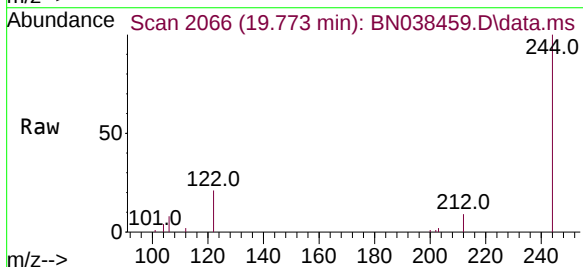
Instrument :  
BNA\_N  
ClientSampleId :  
MW-17B-55-121225

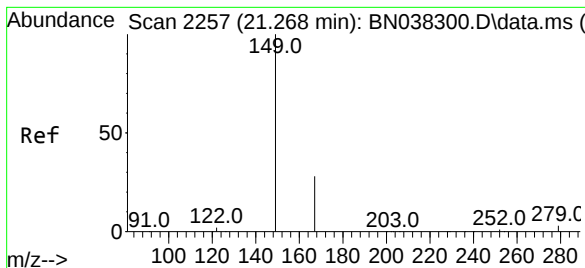
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 2359  |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 200       | 21.4  | 16.9  | 25.3  |
| 203       | 24.4  | 14.2  | 21.2# |



#31  
Terphenyl-d14  
Concen: 0.468 ng  
RT: 19.773 min Scan# 2066  
Delta R.T. -0.018 min  
Lab File: BN038459.D  
Acq: 17 Dec 2025 01:59

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 244   | Resp: | 10353 |
| Ion Ratio | Lower | Upper |       |
| 244       | 100   |       |       |
| 212       | 9.4   | 7.9   | 11.9  |
| 122       | 20.8  | 15.0  | 22.6  |

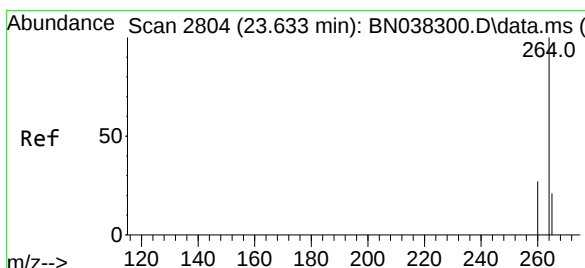
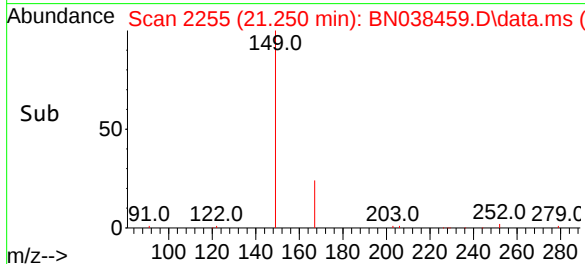
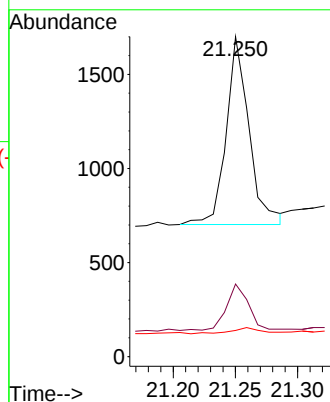
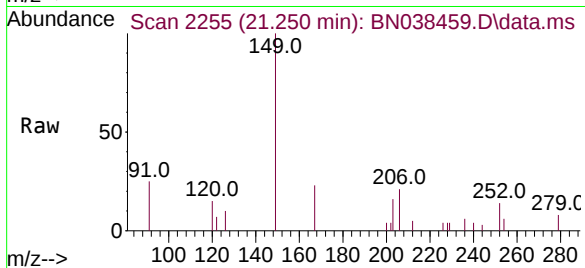




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.061 ng  
RT: 21.250 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BN038459.D  
Acq: 17 Dec 2025 01:59

Instrument :  
BNA\_N  
ClientSampleId :  
MW-17B-55-121225

Tgt Ion:149 Resp: 1279  
Ion Ratio Lower Upper  
149 100  
167 24.0 21.4 32.0  
279 4.5 2.4 3.6#



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.613 min Scan# 2797  
Delta R.T. -0.020 min  
Lab File: BN038459.D  
Acq: 17 Dec 2025 01:59

Tgt Ion:264 Resp: 9884  
Ion Ratio Lower Upper  
264 100  
260 28.0 22.2 33.2  
265 89.5 80.2 120.2

