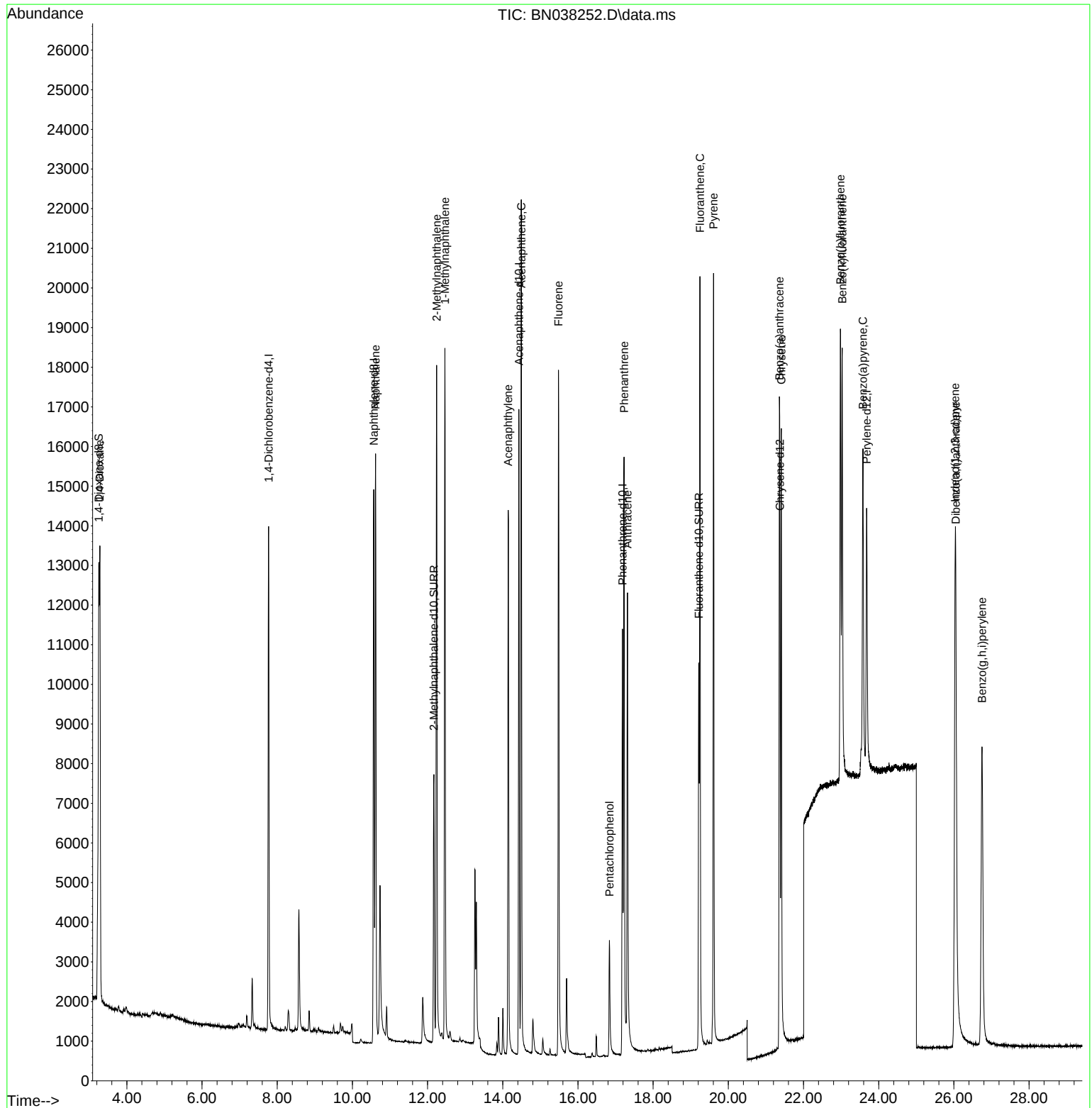
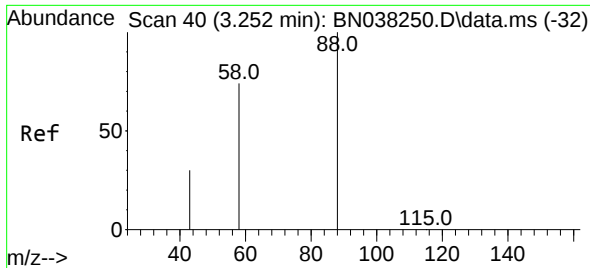


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Data File : BN038252.D  
Acq On : 02 Dec 2025 13:24  
Operator : RC/JU  
Sample : PB170718BS  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SLCS718

Quant Time: Dec 03 00:27:20 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN112625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Dec 01 16:36:13 2025  
Response via : Initial Calibration

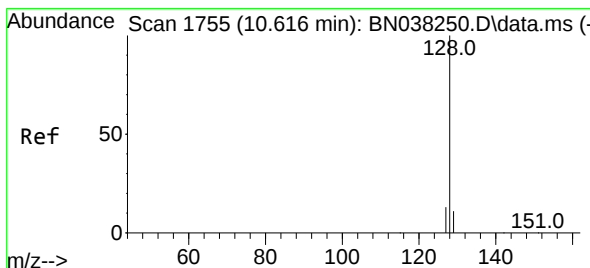
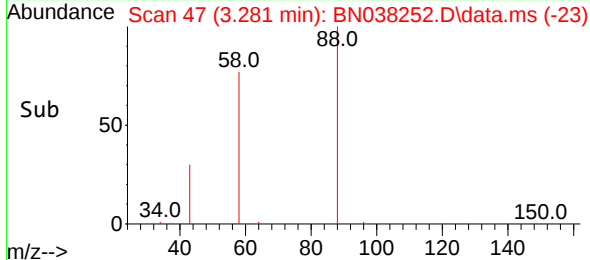
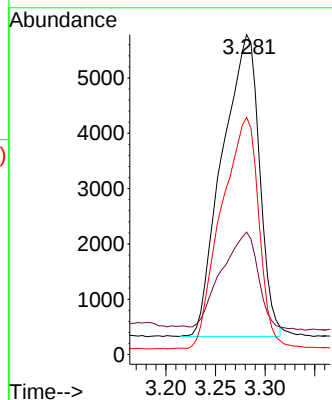
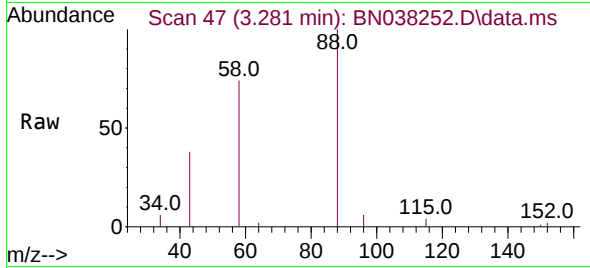




#2  
1,4-Dioxane  
Concen: 1.828 ng/ul  
RT: 3.281 min Scan# 47  
Delta R.T. 0.030 min  
Lab File: BN038252.D  
Acq: 02 Dec 2025 13:24

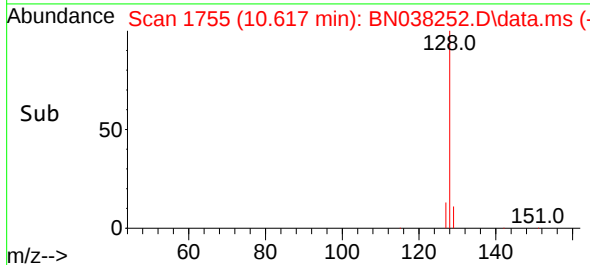
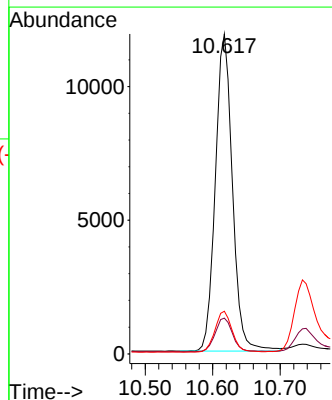
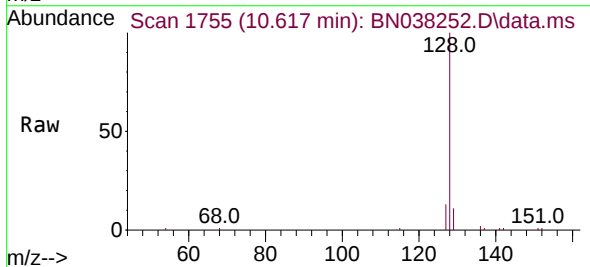
Instrument :  
BNA\_N  
ClientSampleId :  
SLCS718

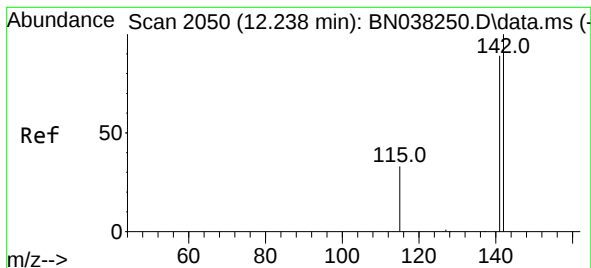
|             |                |
|-------------|----------------|
| Tgt Ion: 88 | Resp: 14161    |
| Ion Ratio   | Lower Upper    |
| 88          | 100            |
| 43          | 38.3 27.5 41.3 |
| 58          | 74.1 50.5 75.7 |



#5  
Naphthalene  
Concen: 0.393 ng/ul  
RT: 10.617 min Scan# 1755  
Delta R.T. -0.005 min  
Lab File: BN038252.D  
Acq: 02 Dec 2025 13:24

|              |                |
|--------------|----------------|
| Tgt Ion: 128 | Resp: 20844    |
| Ion Ratio    | Lower Upper    |
| 128          | 100            |
| 129          | 11.2 9.0 13.6  |
| 127          | 13.3 10.6 16.0 |

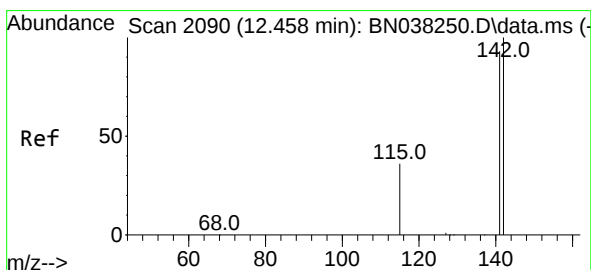
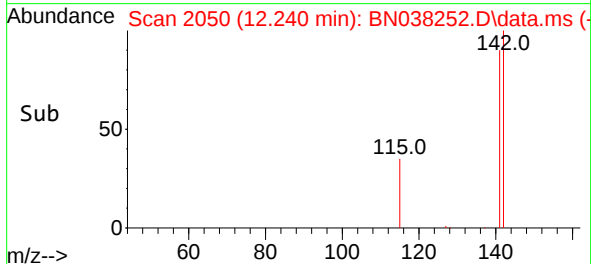
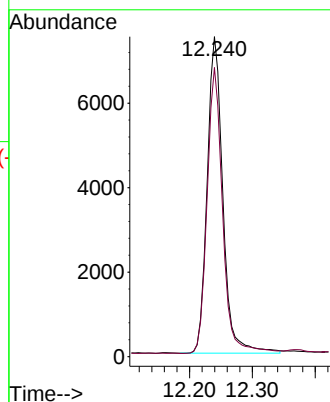
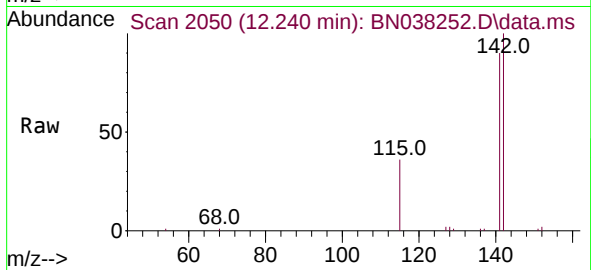




#7  
2-Methylnaphthalene  
Concen: 0.367 ng/ul  
RT: 12.240 min Scan# 2050  
Delta R.T. -0.005 min  
Lab File: BN038252.D  
Acq: 02 Dec 2025 13:24

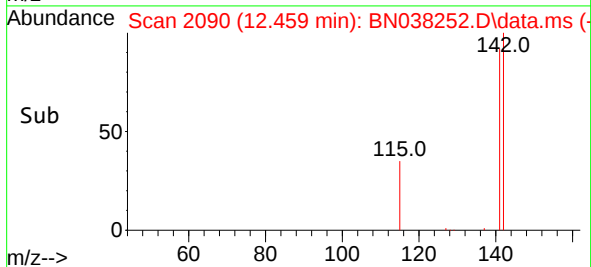
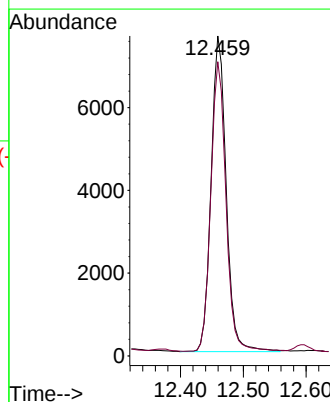
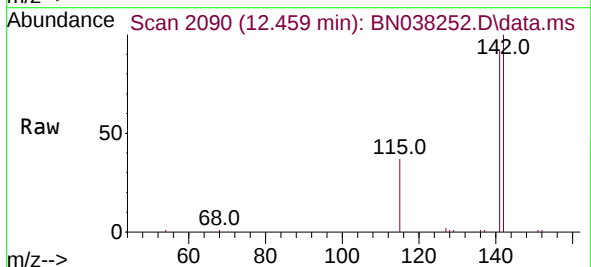
Instrument :  
BNA\_N  
ClientSampled :  
SLCS718

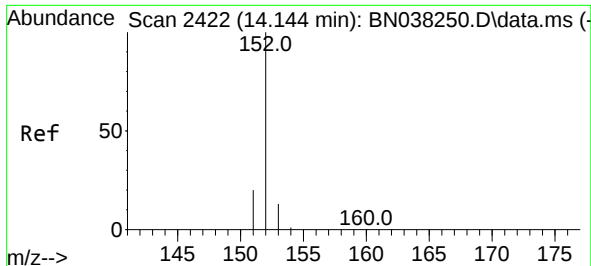
Tgt Ion:142 Resp: 13008  
Ion Ratio Lower Upper  
142 100  
141 89.4 71.7 107.5



#8  
1-Methylnaphthalene  
Concen: 0.338 ng/ul  
RT: 12.459 min Scan# 2090  
Delta R.T. -0.005 min  
Lab File: BN038252.D  
Acq: 02 Dec 2025 13:24

Tgt Ion:142 Resp: 12711  
Ion Ratio Lower Upper  
142 100  
141 92.2 74.1 111.1

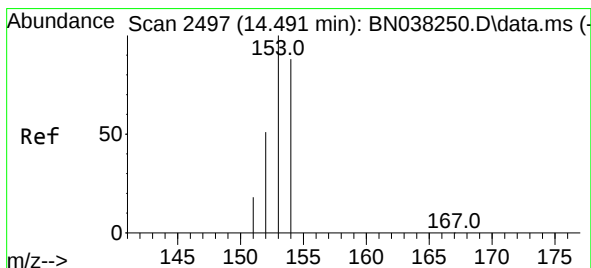
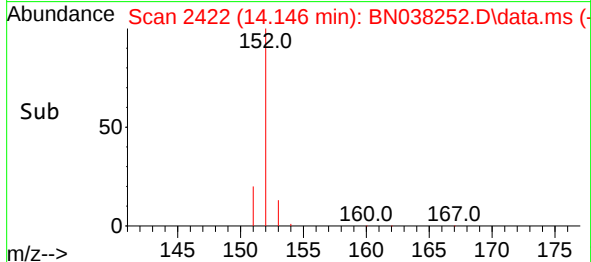
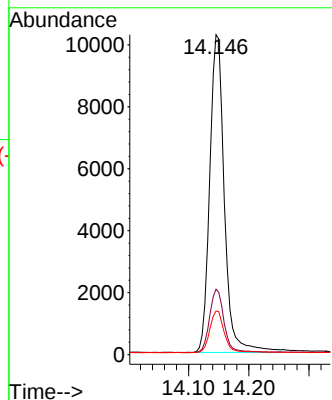
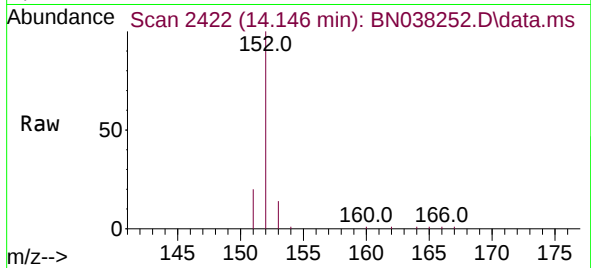




#10  
Acenaphthylene  
Concen: 0.397 ng/ul  
RT: 14.146 min Scan# 2422  
Delta R.T. -0.005 min  
Lab File: BN038252.D  
Acq: 02 Dec 2025 13:24

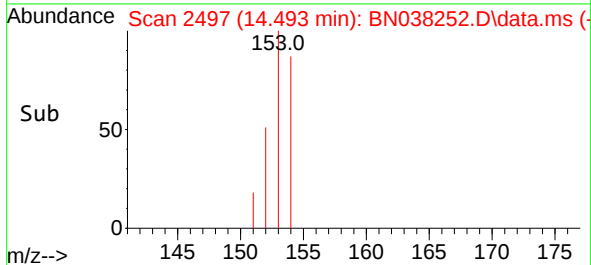
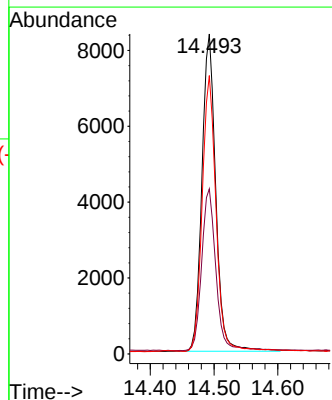
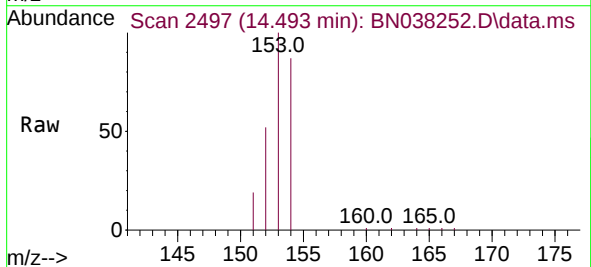
Instrument :  
BNA\_N  
ClientSampleId :  
SLCS718

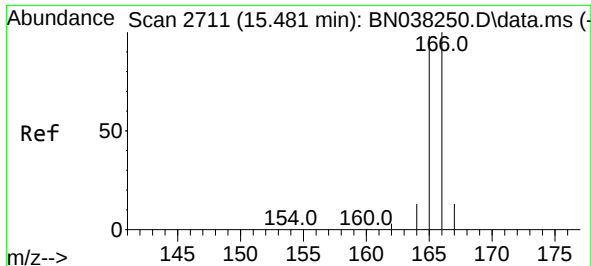
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 17361     |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 151         | 20.4  | 16.0 24.0 |
| 153         | 13.6  | 10.7 16.1 |



#11  
Acenaphthene  
Concen: 0.389 ng/ul  
RT: 14.493 min Scan# 2497  
Delta R.T. -0.005 min  
Lab File: BN038252.D  
Acq: 02 Dec 2025 13:24

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:153 | Resp: | 12621      |
| Ion Ratio   | Lower | Upper      |
| 153         | 100   |            |
| 152         | 51.6  | 41.4 62.0  |
| 154         | 87.0  | 69.7 104.5 |

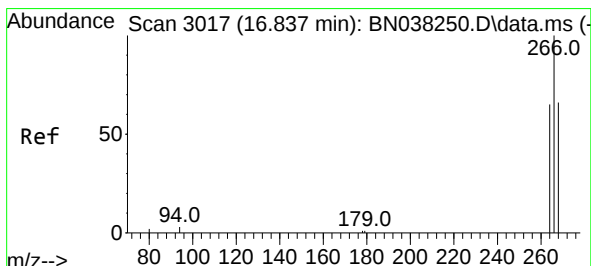
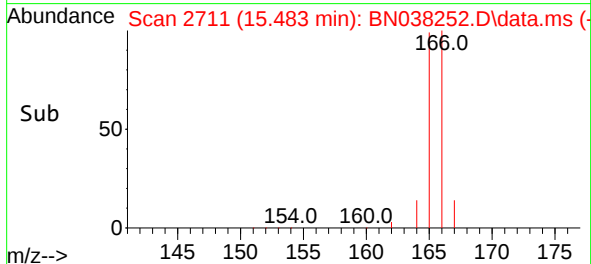
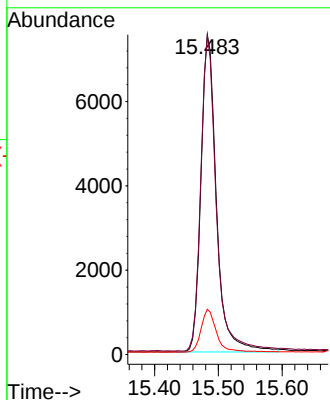
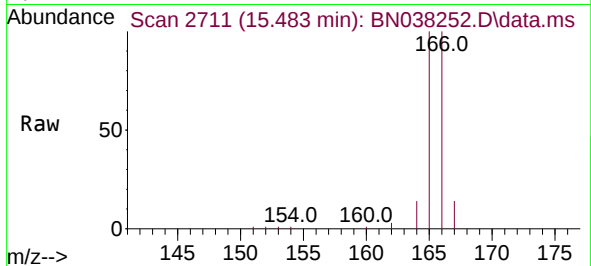




#12  
Fluorene  
Concen: 0.366 ng/ul  
RT: 15.483 min Scan# 2711  
Delta R.T. -0.005 min  
Lab File: BN038252.D  
Acq: 02 Dec 2025 13:24

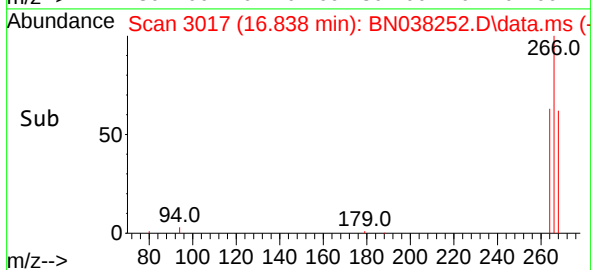
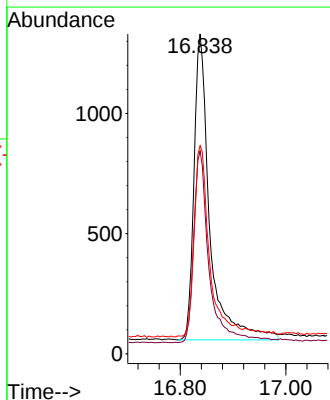
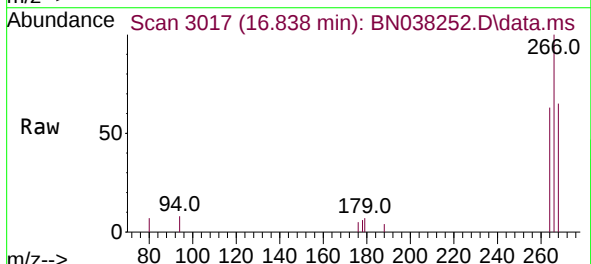
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ClientSampleId :  
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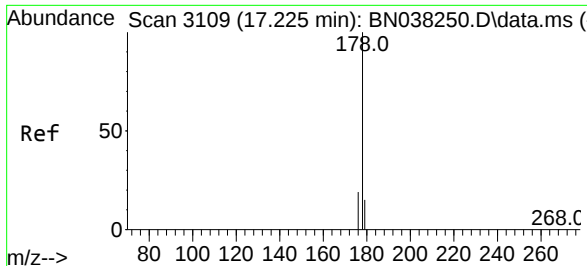
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 166   | Resp: | 12759 |
| Ion Ratio | Lower | Upper |       |
| 166       | 100   |       |       |
| 165       | 99.7  | 78.1  | 117.1 |
| 167       | 14.2  | 11.0  | 16.4  |



#14  
Pentachlorophenol  
Concen: 1.158 ng/ul  
RT: 16.838 min Scan# 3017  
Delta R.T. -0.009 min  
Lab File: BN038252.D  
Acq: 02 Dec 2025 13:24

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 2641 |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 61.6  | 49.3  | 73.9 |
| 268       | 64.0  | 53.7  | 80.5 |

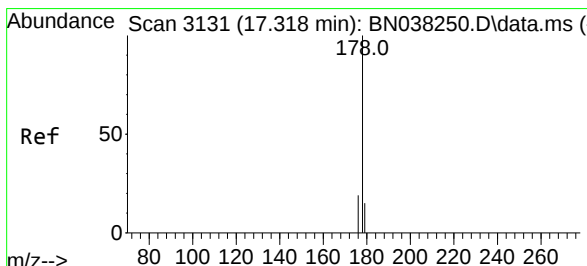
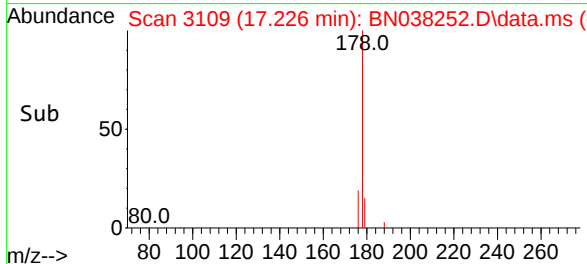
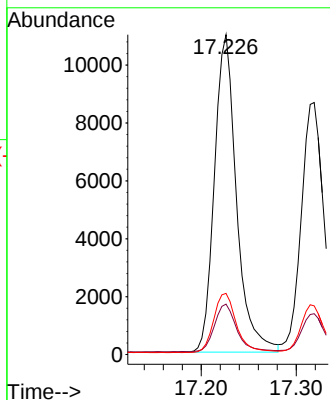
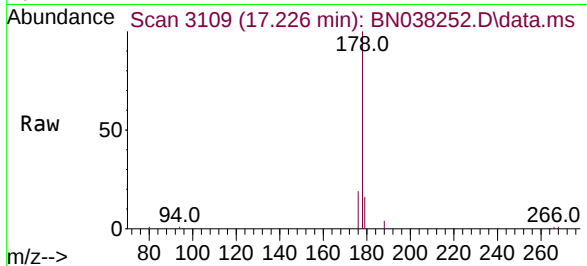




#15  
Phenanthrene  
Concen: 0.397 ng/ul  
RT: 17.226 min Scan# 3109  
Delta R.T. -0.005 min  
Lab File: BN038252.D  
Acq: 02 Dec 2025 13:24

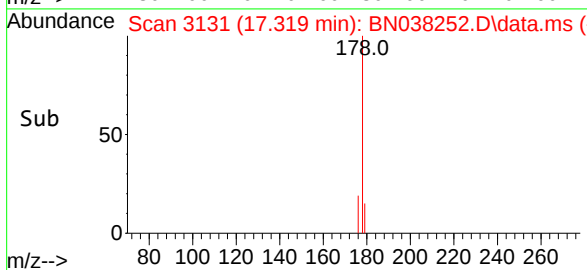
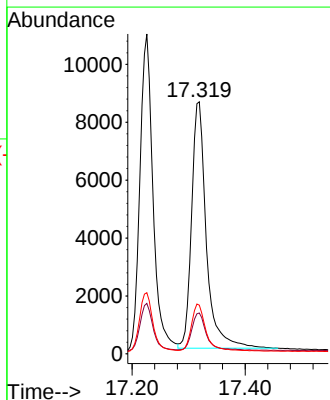
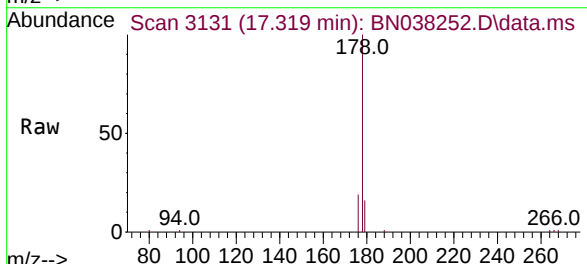
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ClientSampleId :  
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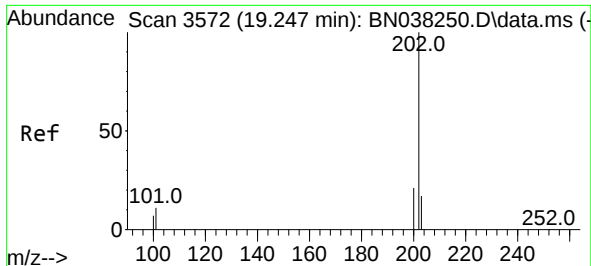
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:178 | Resp: | 17669     |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 179         | 15.8  | 12.4 18.6 |
| 176         | 19.1  | 15.8 23.6 |



#16  
Anthracene  
Concen: 0.407 ng/ul  
RT: 17.319 min Scan# 3131  
Delta R.T. -0.005 min  
Lab File: BN038252.D  
Acq: 02 Dec 2025 13:24

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:178 | Resp: | 15392     |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 179         | 16.2  | 12.8 19.2 |
| 176         | 19.3  | 15.4 23.2 |

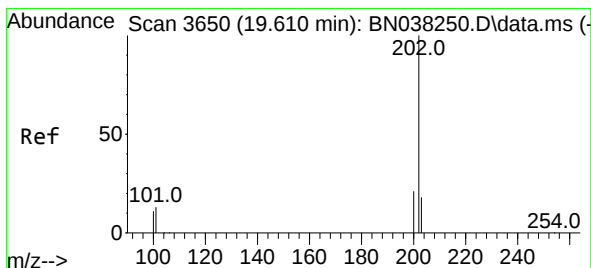
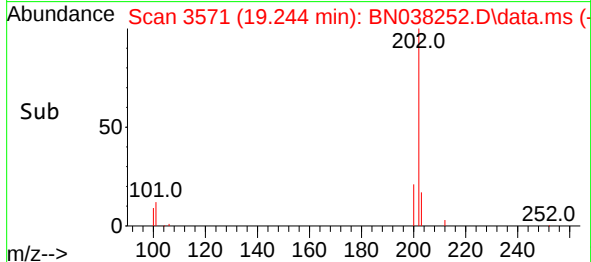
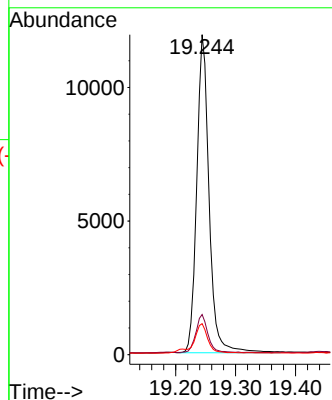
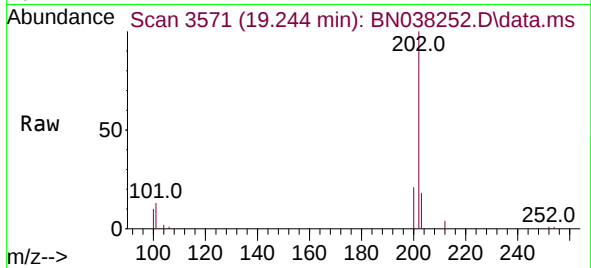




#19  
Fluoranthene  
Concen: 0.340 ng/ul  
RT: 19.244 min Scan# 3571  
Delta R.T. -0.005 min  
Lab File: BN038252.D  
Acq: 02 Dec 2025 13:24

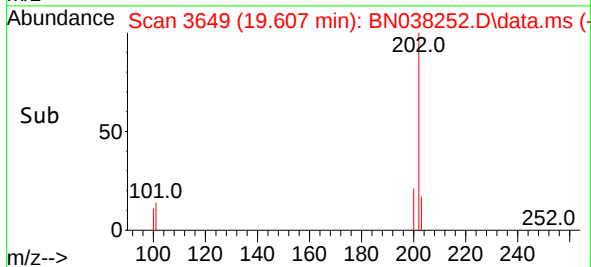
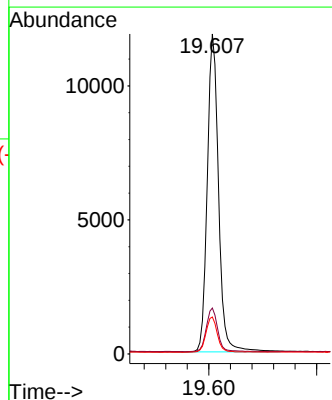
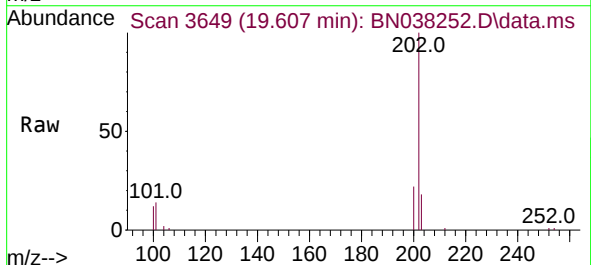
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BNA\_N  
ClientSampleId :  
SLCS718

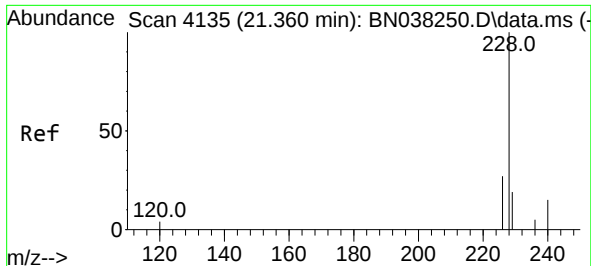
Tgt Ion:202 Resp: 17041  
Ion Ratio Lower Upper  
202 100  
101 12.5 9.3 13.9  
100 9.7 7.2 10.8



#20  
Pyrene  
Concen: 0.347 ng/ul  
RT: 19.607 min Scan# 3649  
Delta R.T. -0.005 min  
Lab File: BN038252.D  
Acq: 02 Dec 2025 13:24

Tgt Ion:202 Resp: 17213  
Ion Ratio Lower Upper  
202 100  
101 14.4 10.6 16.0  
100 11.5 8.5 12.7

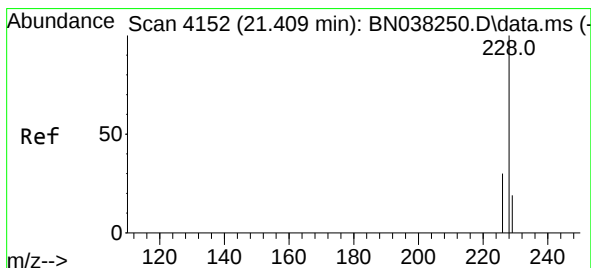
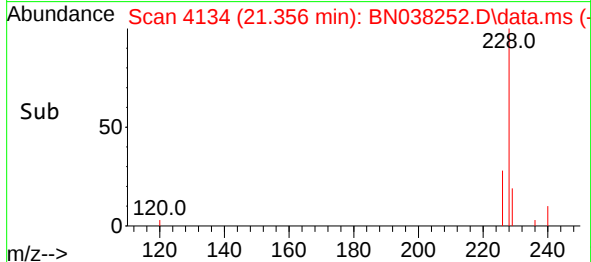
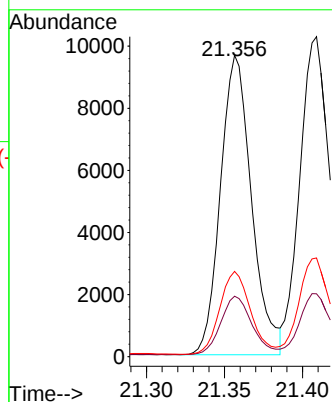
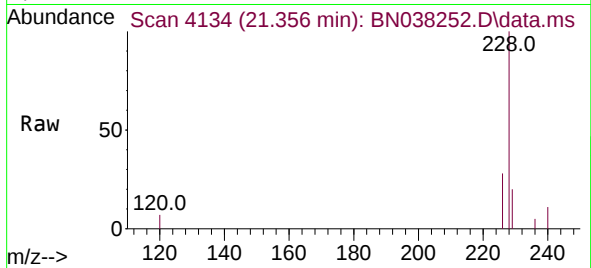




#21  
Benzo(a)anthracene  
Concen: 0.428 ng/ul  
RT: 21.356 min Scan# 4134  
Delta R.T. -0.001 min  
Lab File: BN038252.D  
Acq: 02 Dec 2025 13:24

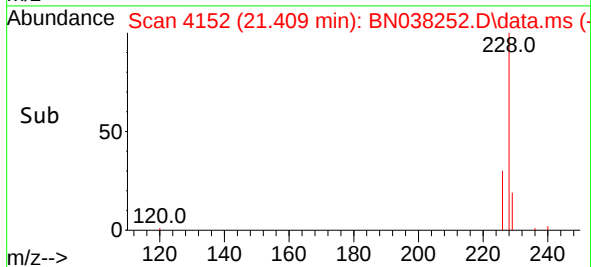
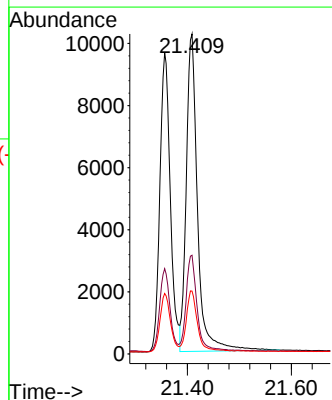
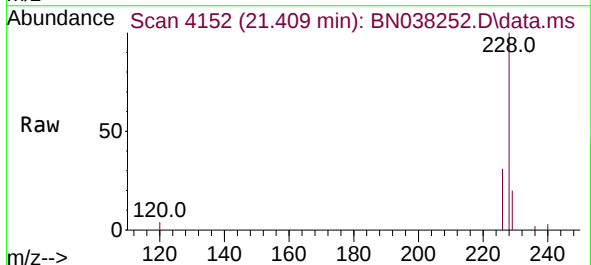
Instrument :  
BNA\_N  
ClientSampleId :  
SLCS718

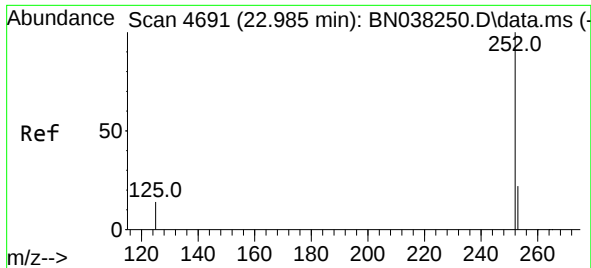
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:228 | Resp: | 13391     |
| Ion Ratio   | Lower | Upper     |
| 228         | 100   |           |
| 229         | 20.0  | 15.6 23.4 |
| 226         | 28.3  | 22.4 33.6 |



#22  
Chrysene  
Concen: 0.394 ng/ul  
RT: 21.409 min Scan# 4152  
Delta R.T. -0.001 min  
Lab File: BN038252.D  
Acq: 02 Dec 2025 13:24

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:228 | Resp: | 15314     |
| Ion Ratio   | Lower | Upper     |
| 228         | 100   |           |
| 226         | 30.8  | 25.0 37.4 |
| 229         | 19.6  | 15.4 23.0 |

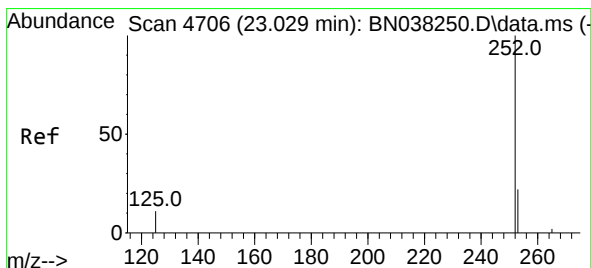
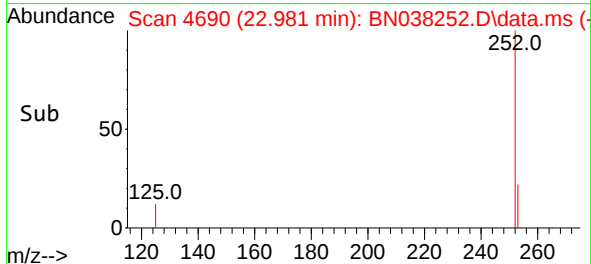
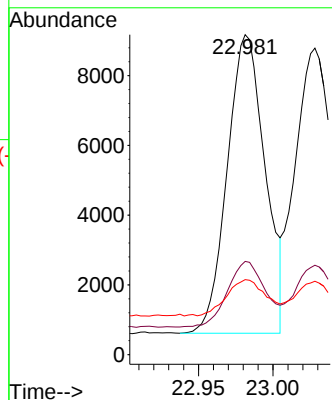
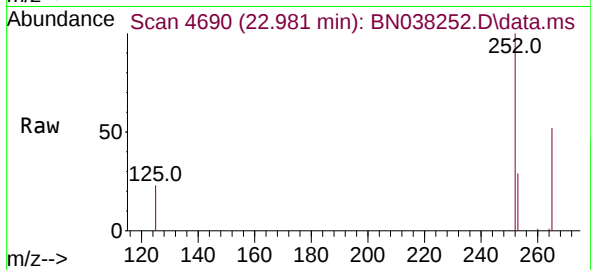




#24  
Benzo(b)fluoranthene  
Concen: 0.389 ng/ul  
RT: 22.981 min Scan# 4690  
Delta R.T. -0.001 min  
Lab File: BN038252.D  
Acq: 02 Dec 2025 13:24

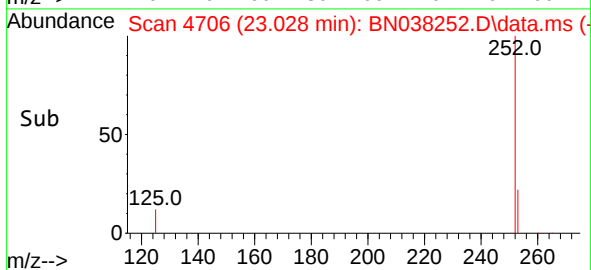
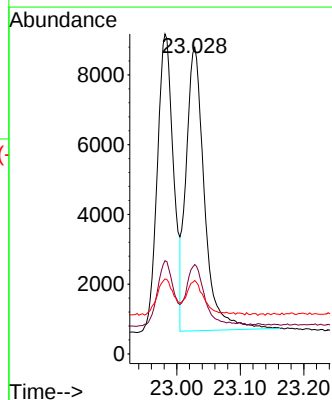
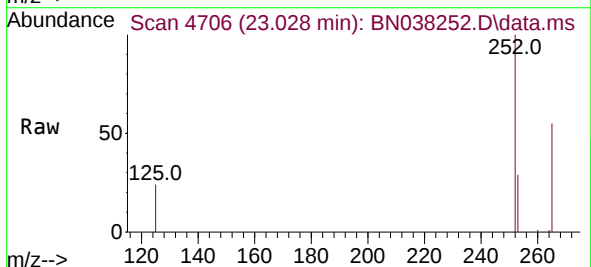
Instrument :  
BNA\_N  
ClientSampleId :  
SLCS718

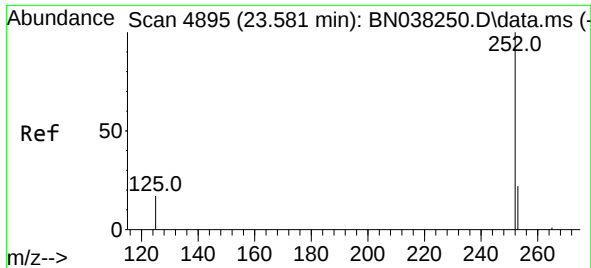
Tgt Ion:252 Resp: 15110  
Ion Ratio Lower Upper  
252 100  
253 29.1 0.0 55.8  
125 23.4 0.0 45.6



#25  
Benzo(k)fluoranthene  
Concen: 0.400 ng/ul  
RT: 23.028 min Scan# 4706  
Delta R.T. -0.001 min  
Lab File: BN038252.D  
Acq: 02 Dec 2025 13:24

Tgt Ion:252 Resp: 16347  
Ion Ratio Lower Upper  
252 100  
253 29.1 22.9 34.3  
125 23.9 17.7 26.5

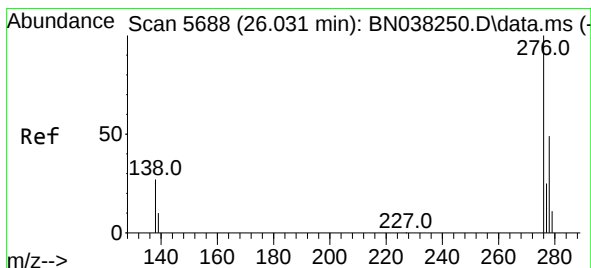
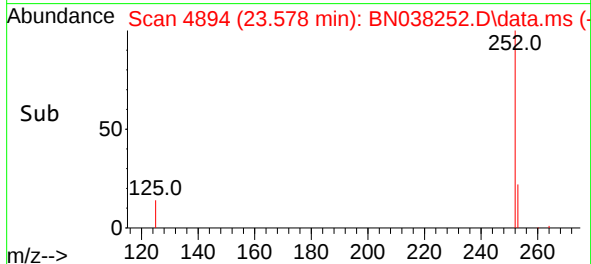
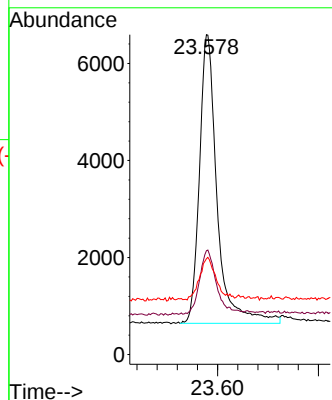
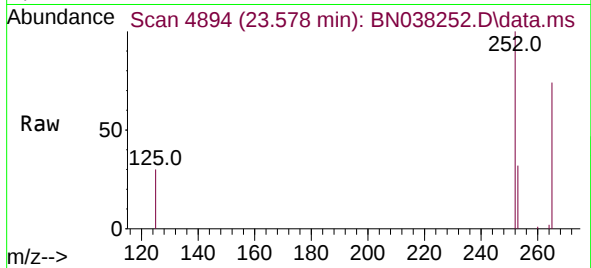




#26  
Benzo(a)pyrene  
Concen: 0.412 ng/ul  
RT: 23.578 min Scan# 4894  
Delta R.T. -0.004 min  
Lab File: BN038252.D  
Acq: 02 Dec 2025 13:24

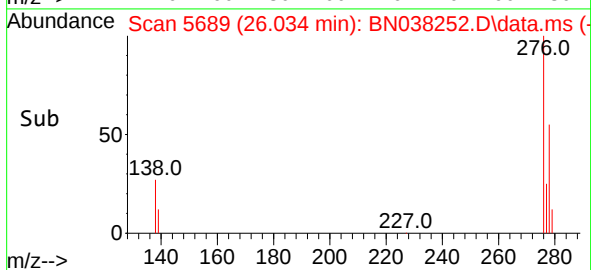
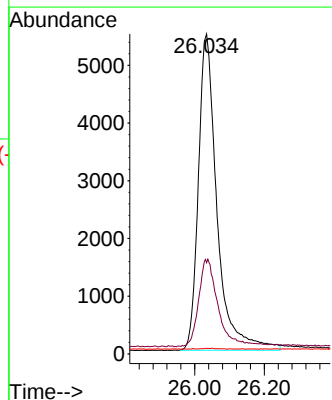
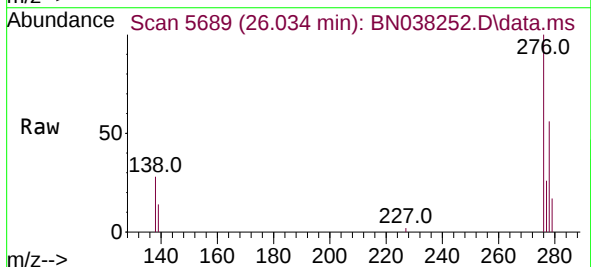
Instrument :  
BNA\_N  
ClientSampleId :  
SLCS718

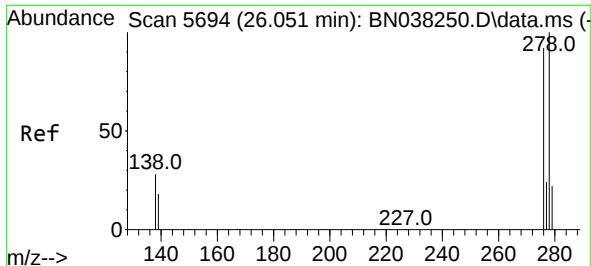
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 14461 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 32.5  | 25.9  | 38.9  |
| 125       | 30.0  | 24.6  | 37.0  |



#27  
Indeno(1,2,3-cd)pyrene  
Concen: 0.489 ng/ul  
RT: 26.034 min Scan# 5689  
Delta R.T. -0.004 min  
Lab File: BN038252.D  
Acq: 02 Dec 2025 13:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 20410 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 29.3  | 22.9  | 34.3  |
| 227       | 0.1   | 0.0   | 0.0#  |

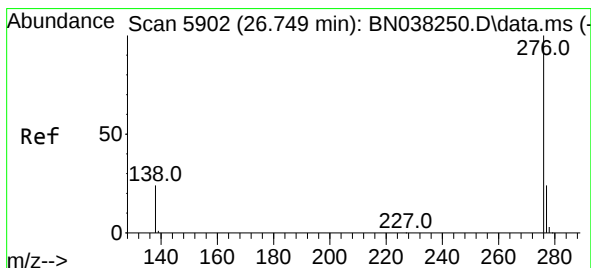
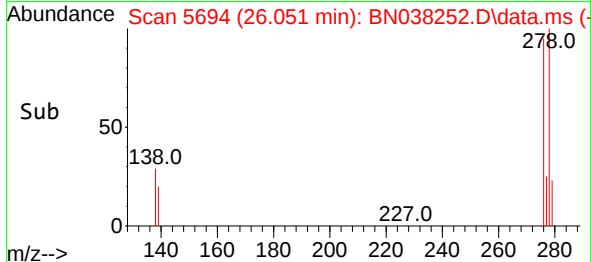
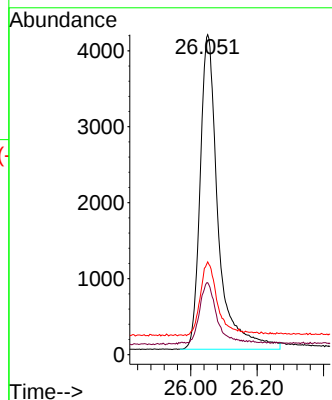
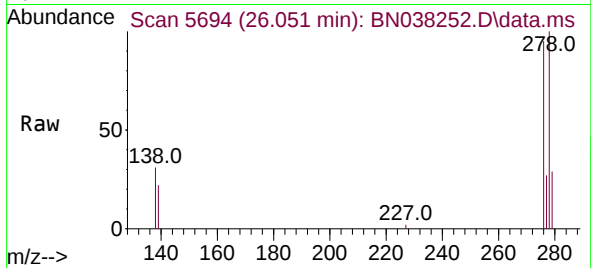




#28  
Dibenzo(a,h)anthracene  
Concen: 0.532 ng/ul  
RT: 26.051 min Scan# 5694  
Delta R.T. -0.004 min  
Lab File: BN038252.D  
Acq: 02 Dec 2025 13:24

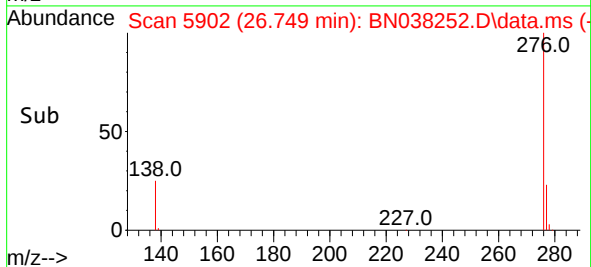
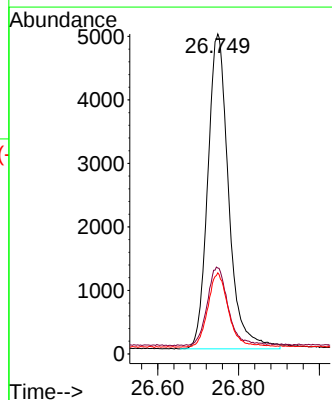
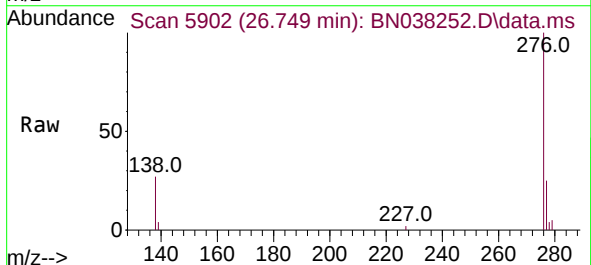
Instrument :  
BNA\_N  
ClientSampleId :  
SLCS718

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 15583 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 22.5  | 18.1  | 27.1  |
| 279       | 29.0  | 25.0  | 37.4  |



#29  
Benzo(g,h,i)perylene  
Concen: 0.453 ng/ul  
RT: 26.749 min Scan# 5902  
Delta R.T. -0.004 min  
Lab File: BN038252.D  
Acq: 02 Dec 2025 13:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 17802 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 26.8  | 21.6  | 32.4  |
| 277       | 25.3  | 19.8  | 29.6  |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120225\  
 Data File : BN038252.D  
 Acq On : 02 Dec 2025 13:24  
 Operator : RC/JU  
 Sample : PB170718BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS718

Quant Time: Dec 03 00:27:20 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN112625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 01 16:36:13 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.771  | 152  | 6852     | 0.400 | ng/u1  | 0.00     |
| 4) Naphthalene-d8           | 10.568 | 136  | 19542    | 0.400 | ng/u1  | 0.00     |
| 9) Acenaphthene-d10         | 14.428 | 164  | 9302     | 0.400 | ng/u1  | 0.00     |
| 13) Phenanthrene-d10        | 17.184 | 188  | 14225    | 0.400 | ng/u1  | 0.00     |
| 17) Chrysene-d12            | 21.374 | 240  | 9367     | 0.400 | ng/u1  | 0.00     |
| 23) Perylene-d12            | 23.680 | 264  | 9919     | 0.400 | ng/u1  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.252  | 96   | 5577     | 0.776 | ng/u1  | 0.03     |
| 6) 2-Methylnaphthalene-d10  | 12.168 | 152  | 9779     | 0.351 | ng/u1  | 0.00     |
| 18) Fluoranthene-d10        | 19.216 | 212  | 11769    | 0.323 | ng/u1  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.281  | 88   | 14161    | 1.828 | ng/u1  | 88       |
| 5) Naphthalene              | 10.617 | 128  | 20844    | 0.393 | ng/u1  | 100      |
| 7) 2-Methylnaphthalene      | 12.240 | 142  | 13008    | 0.367 | ng/u1  | 100      |
| 8) 1-Methylnaphthalene      | 12.459 | 142  | 12711    | 0.338 | ng/u1  | 100      |
| 10) Acenaphthylene          | 14.146 | 152  | 17361    | 0.397 | ng/u1  | 99       |
| 11) Acenaphthene            | 14.493 | 153  | 12621    | 0.389 | ng/u1  | 100      |
| 12) Fluorene                | 15.483 | 166  | 12759    | 0.366 | ng/u1  | 98       |
| 14) Pentachlorophenol       | 16.838 | 266  | 2641     | 1.158 | ng/u1  | 98       |
| 15) Phenanthrene            | 17.226 | 178  | 17669    | 0.397 | ng/u1  | 99       |
| 16) Anthracene              | 17.319 | 178  | 15392    | 0.407 | ng/u1  | 100      |
| 19) Fluoranthene            | 19.244 | 202  | 17041    | 0.340 | ng/u1  | 98       |
| 20) Pyrene                  | 19.607 | 202  | 17213    | 0.347 | ng/u1  | 97       |
| 21) Benzo(a)anthracene      | 21.356 | 228  | 13391    | 0.428 | ng/u1  | 99       |
| 22) Chrysene                | 21.409 | 228  | 15314    | 0.394 | ng/u1  | 99       |
| 24) Benzo(b)fluoranthene    | 22.981 | 252  | 15110    | 0.389 | ng/u1  | 98       |
| 25) Benzo(k)fluoranthene    | 23.028 | 252  | 16347    | 0.400 | ng/u1  | 98       |
| 26) Benzo(a)pyrene          | 23.578 | 252  | 14461    | 0.412 | ng/u1  | 99       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.034 | 276  | 20410    | 0.489 | ng/u1# | 99       |
| 28) Dibenzo(a,h)anthracene  | 26.051 | 278  | 15583    | 0.532 | ng/u1  | 98       |
| 29) Benzo(g,h,i)perylene    | 26.749 | 276  | 17802    | 0.453 | ng/u1  | 99       |
| -----                       |        |      |          |       |        |          |

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