Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
Data File : BN038400.D
Acq On : 15 Dec 2025 12:19
Operator : RC/JU
Sample : Q3839-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
C0AM5

Quant Time: Dec 15 12:50:45 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 | 8247 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.530 | 136 | 22049 | 0.400 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.388 | 164 | 11043 | 0.400 | ng | -0.01 |
| 19) Phenanthrene-d10 | 17.149 | 188 | 18585 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.340 | 240 | 15604 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 23.625 | 264 | 17669 | 0.400 | ng | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.298 | 112 | 7630 | 0.371 | ng | 0.00 |
| 5) Phenol-d6 | 6.894 | 99 | 9115 | 0.373 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.875 | 82 | 7525 | 0.405 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.126 | 152 | 10346 | 0.333 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.882 | 330 | 1686 | 0.344 | ng | -0.01 |
| 15) 2-Fluorobiphenyl | 13.008 | 172 | 19821 | 0.373 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.178 | 212 | 12180 | 0.265 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.782 | 244 | 9197 | 0.264 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 3) n-Nitrosodimethylamine | 3.449 | 42 | 1010 | 0.085 | ng | # 1 |
| 9) Naphthalene | 10.573 | 128 | 7228 | 0.111 | ng | 97 |
| 12) 2-Methylnaphthalene | 12.202 | 142 | 6045 | 0.146 | ng | 99 |
| 25) Phenanthrene | 17.186 | 178 | 18910 | 0.292 | ng | 99 |
| 26) Anthracene | 17.186 | 178 | 18827 | 0.338 | ng | 98 |
| 28) Fluoranthene | 19.211 | 202 | 27554 | 0.401 | ng | 99 |
| 30) Pyrene | 19.573 | 202 | 17573 | 0.229 | ng | 99 |
| 32) Benzo(a)anthracene | 21.375 | 228 | 23235 | 0.385 | ng | 96 |
| 33) Chrysene | 21.375 | 228 | 23229 | 0.350 | ng | 96 |
| 34) Bis(2-ethylhexyl)phtha... | 21.259 | 149 | 6505 | 0.197 | ng | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 25.946 | 276 | 5204 | 0.056 | ng | 97 |
| 37) Benzo(b)fluoranthene | 22.935 | 252 | 26084 | 0.321 | ng | 99 |
| 38) Benzo(k)fluoranthene | 22.935 | 252 | 26090 | 0.322 | ng | 99 |
| 39) Benzo(a)pyrene | 23.426 | 252 | 14639 | 0.220 | ng | 99 |
| 40) Dibenzo(a,h)anthracene | 25.952 | 278 | 2260 | 0.031 | ng | # 53 |
| 41) Benzo(g,h,i)perylene | 26.656 | 276 | 5585 | 0.069 | ng | 93 |

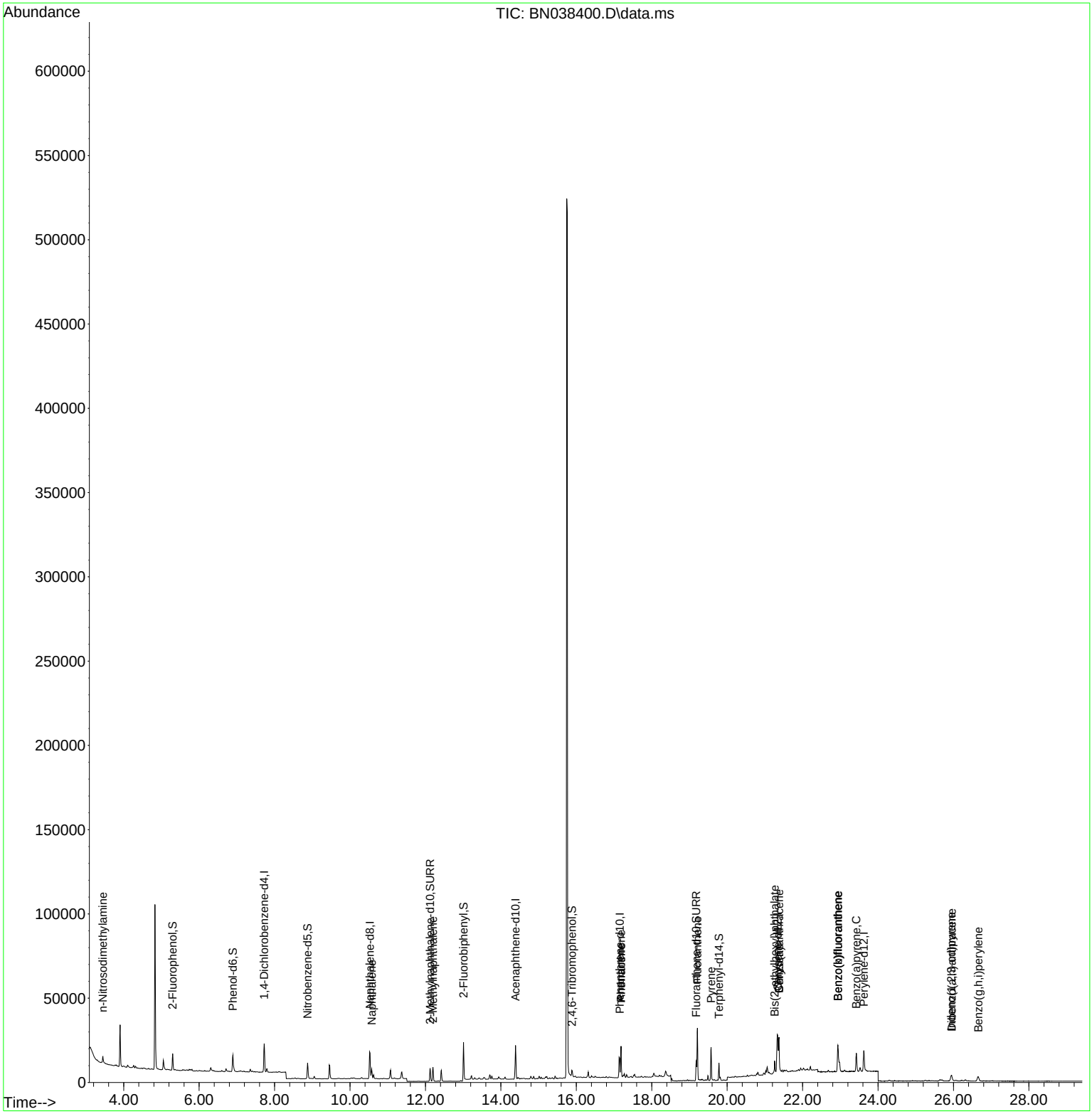
(#) = qualifier out of range (m) = manual integration (+) = signals summed

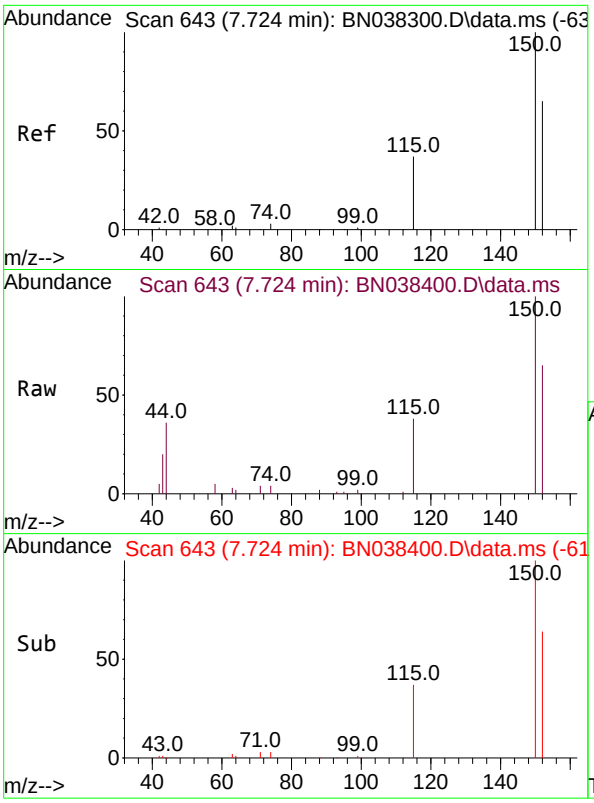
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
Data File : BN038400.D
Acq On : 15 Dec 2025 12:19
Operator : RC/JU
Sample : Q3839-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
C0AM5

Quant Time: Dec 15 12:50:45 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



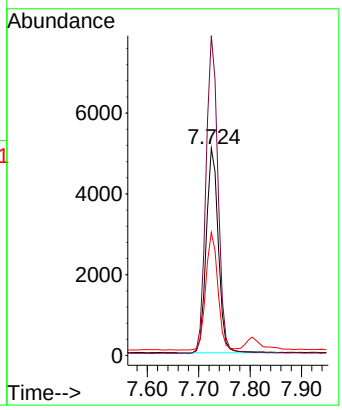


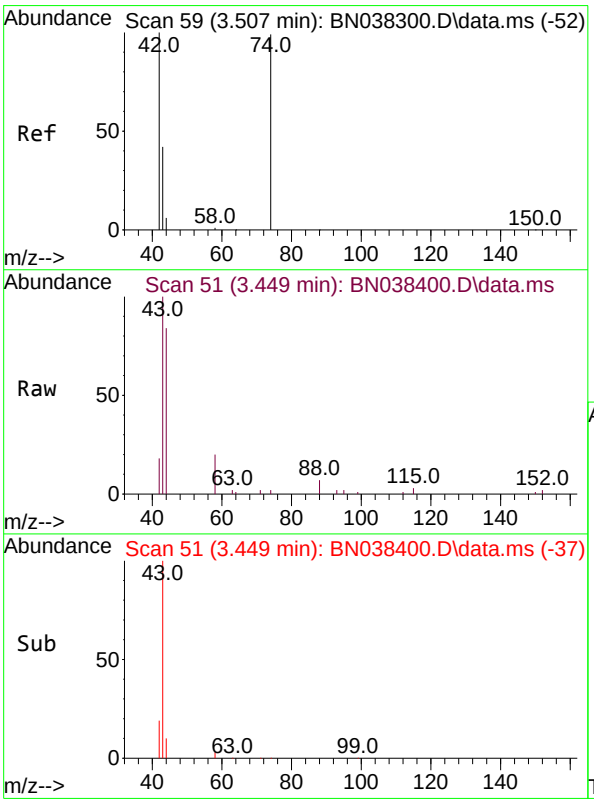

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN038400.D
Acq: 15 Dec 2025 12:19

**Instrument :**
BNA_N
**ClientSampleId :**
C0AM5

Tgt Ion:152 Resp: 8247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.4 | 122.4 | 183.6 |
| 115 | 59.4 | 47.3 | 70.9 |

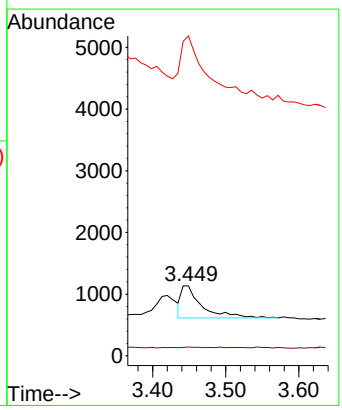


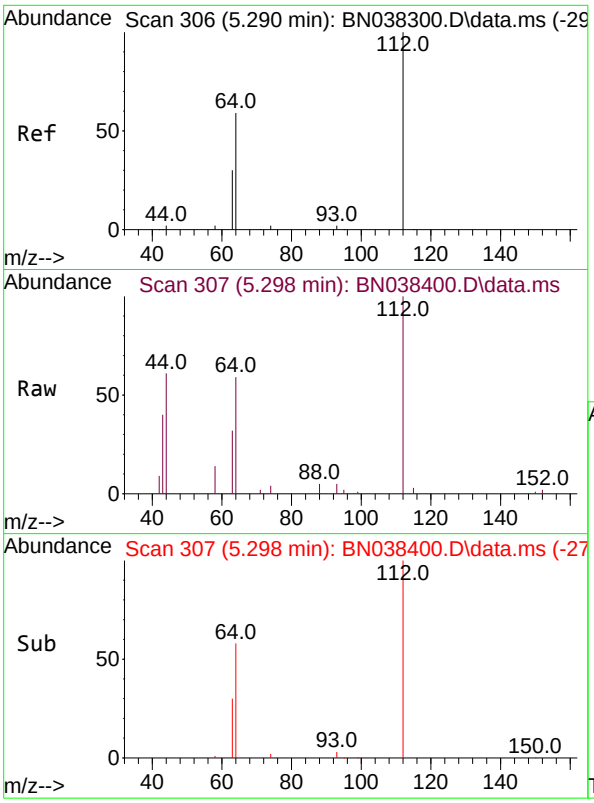




#3
n-Nitrosodimethylamine
Concen: 0.085 ng
RT: 3.449 min Scan# 51
Delta R.T. -0.050 min
Lab File: BN038400.D
Acq: 15 Dec 2025 12:19

Tgt Ion: 42 Resp: 1010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 1.8 | 95.3 | 142.9# |
| 44 | 362.8 | 7.9 | 11.9# |



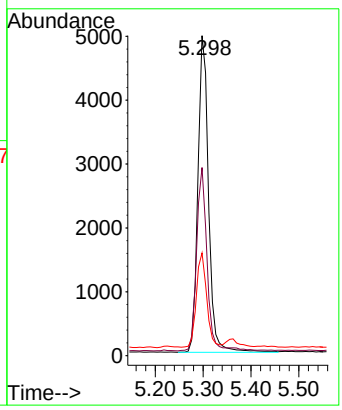


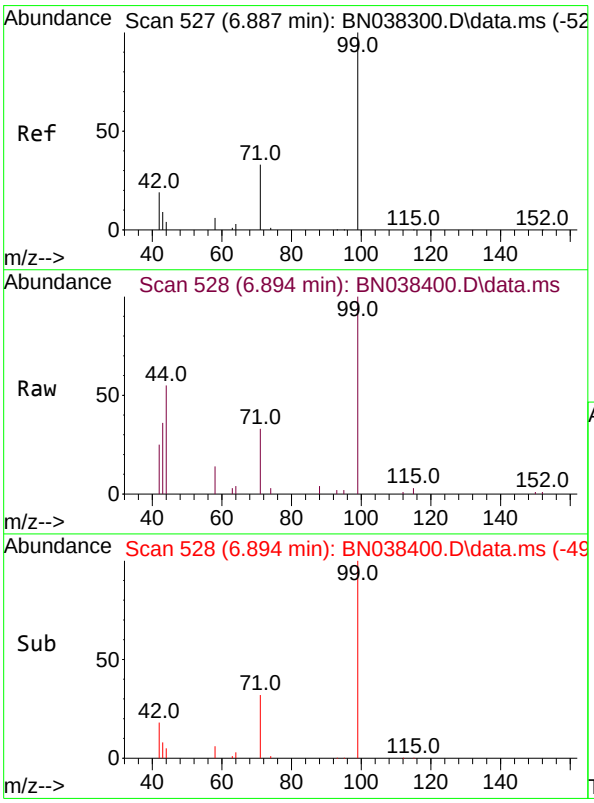

#4
2-Fluorophenol
Concen: 0.371 ng
RT: 5.298 min Scan# 30
Delta R.T. 0.007 min
Lab File: BN038400.D
Acq: 15 Dec 2025 12:19

**Instrument :**
BNA_N
**ClientSampleId :**
C0AM5

Tgt Ion:112 Resp: 7630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.5 | 44.4 | 66.6 |
| 63 | 28.9 | 23.4 | 35.0 |

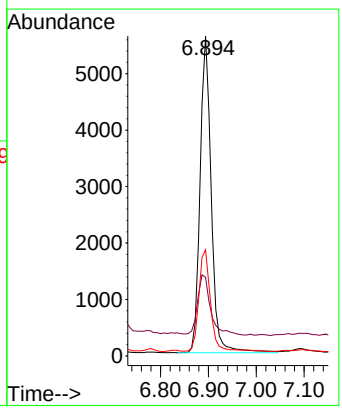


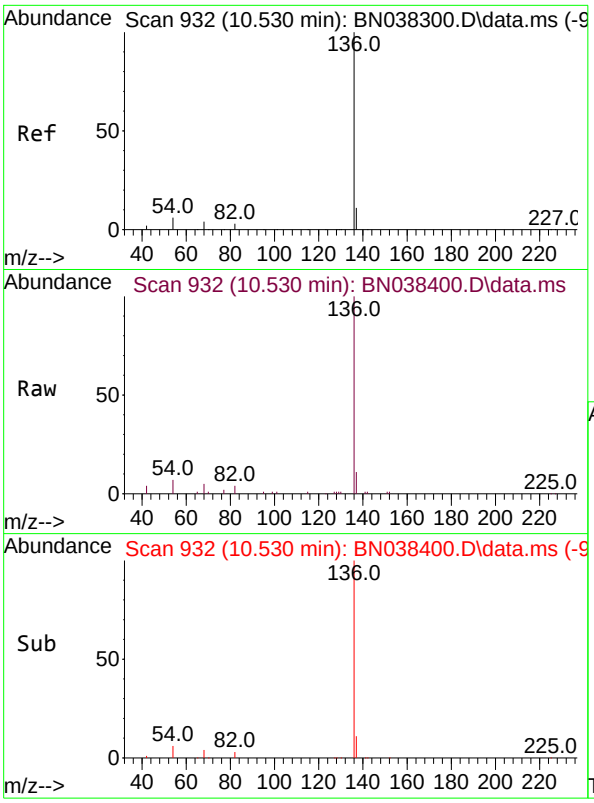




#5
Phenol-d6
Concen: 0.373 ng
RT: 6.894 min Scan# 528
Delta R.T. 0.007 min
Lab File: BN038400.D
Acq: 15 Dec 2025 12:19

Tgt Ion: 99 Resp: 9115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.9 | 16.5 | 24.7 |
| 71 | 33.6 | 24.9 | 37.3 |



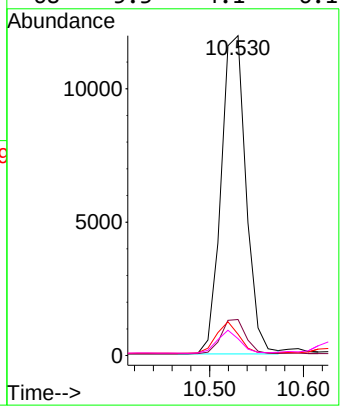


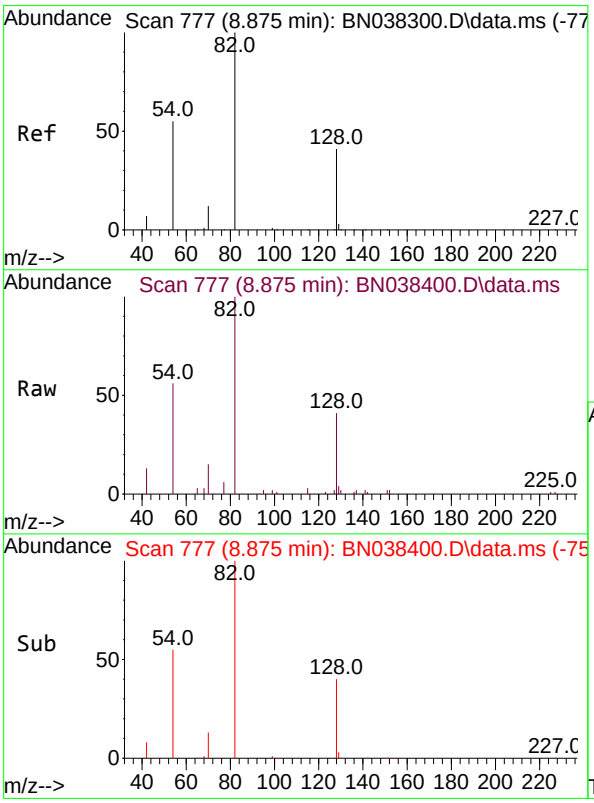

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN038400.D
Acq: 15 Dec 2025 12:19

**Instrument :**
BNA_N
**ClientSampleId :**
C0AM5

Tgt Ion:136 Resp: 22049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 9.1 | 13.7 |
| 54 | 6.7 | 5.2 | 7.8 |
| 68 | 5.3 | 4.1 | 6.1 |

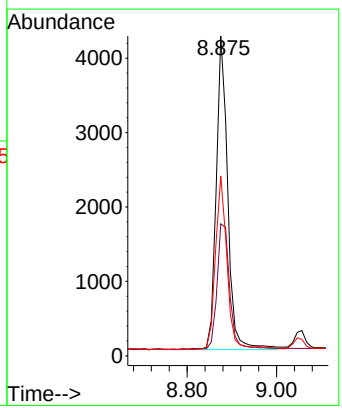


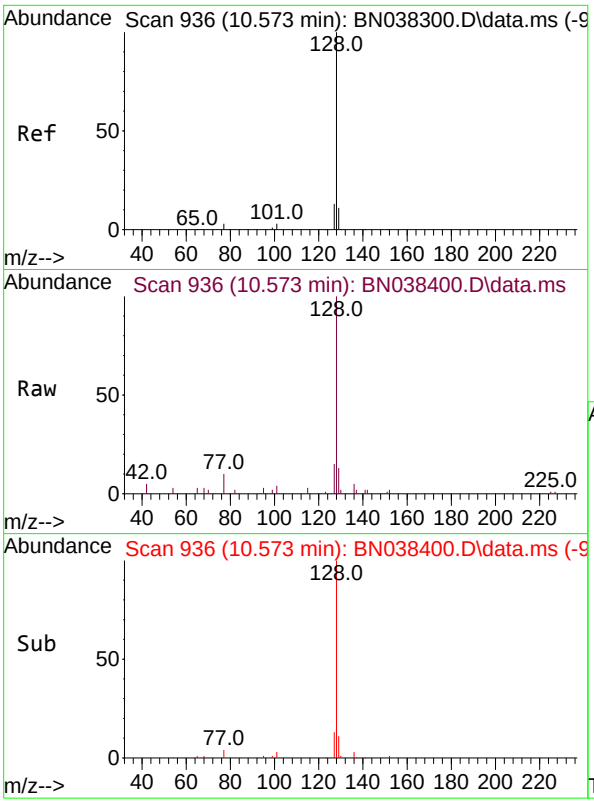




#8
Nitrobenzene-d5
Concen: 0.405 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN038400.D
Acq: 15 Dec 2025 12:19

Tgt Ion: 82 Resp: 7525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.3 | 34.0 | 51.0 |
| 54 | 56.2 | 44.4 | 66.6 |



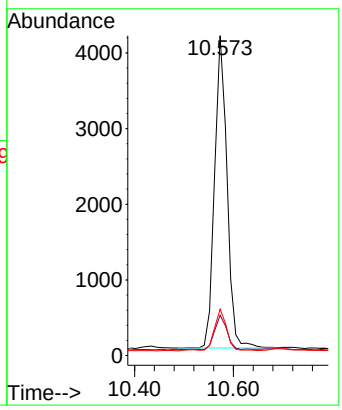


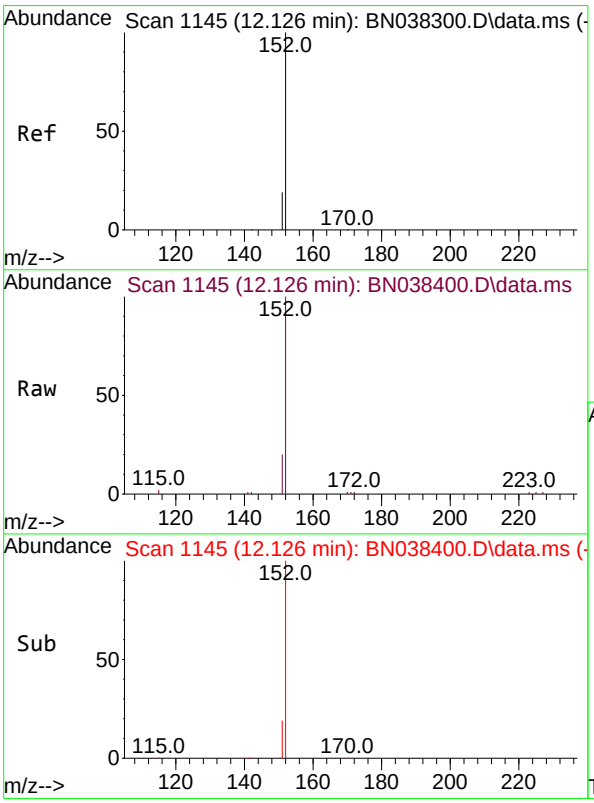

#9
Naphthalene
Concen: 0.111 ng
RT: 10.573 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN038400.D
Acq: 15 Dec 2025 12:19

**Instrument :**
BNA_N
**ClientSampleId :**
C0AM5

Tgt Ion:128 Resp: 7228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 12.6 | 9.1 | 13.7 |
| 127 | 14.5 | 10.9 | 16.3 |

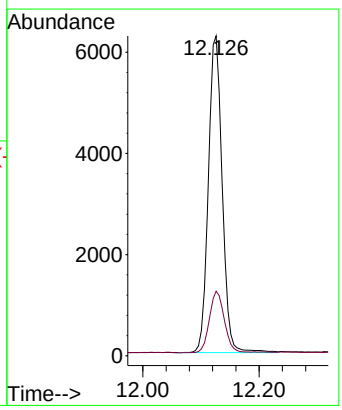


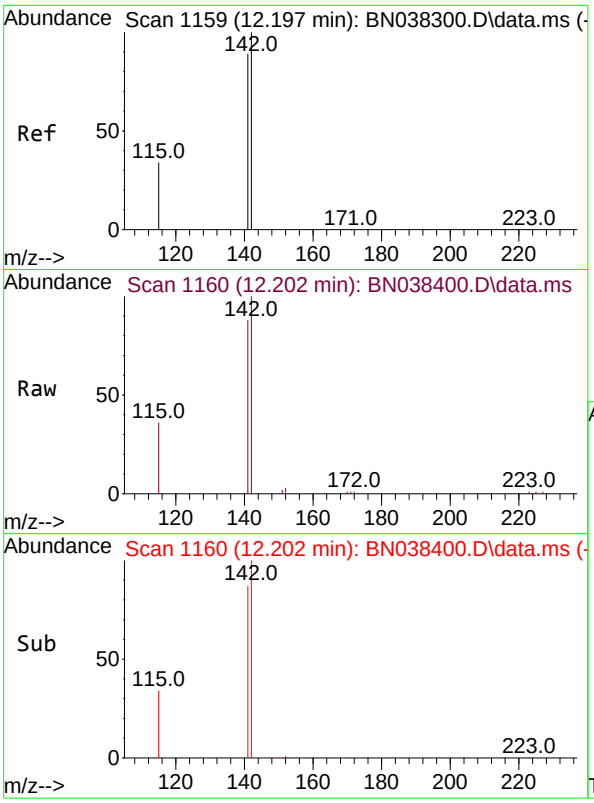




#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 12.126 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BN038400.D
Acq: 15 Dec 2025 12:19

Tgt Ion:152 Resp: 10346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.9 | 17.0 | 25.6 |



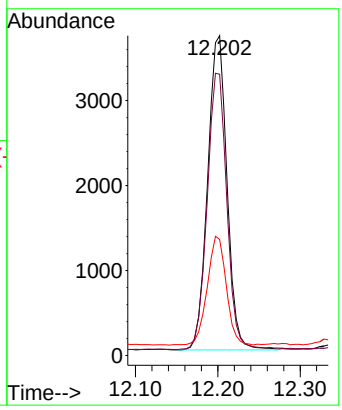


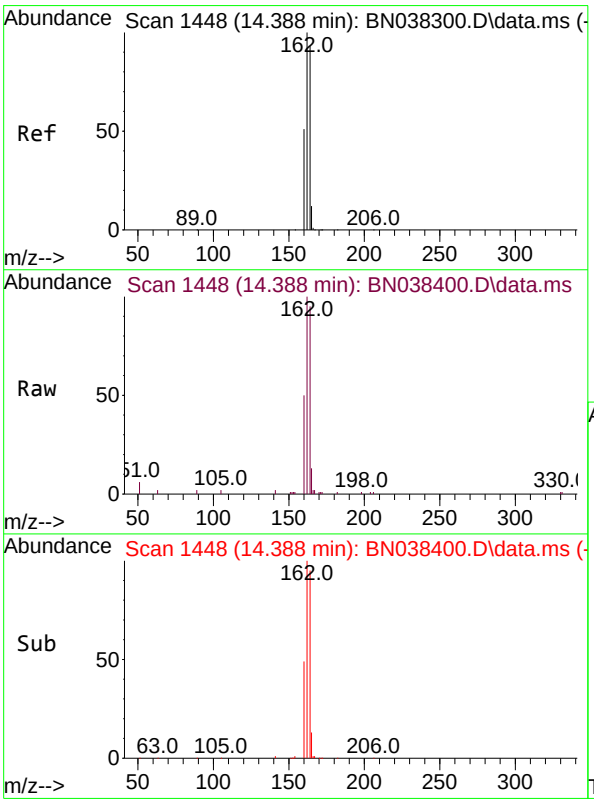

#12
2-Methylnaphthalene
Concen: 0.146 ng
RT: 12.202 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038400.D
Acq: 15 Dec 2025 12:19

**Instrument :**
BNA_N
**ClientSampleId :**
C0AM5

Tgt Ion:142 Resp: 6045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.9 | 71.4 | 107.2 |
| 115 | 36.3 | 28.4 | 42.6 |

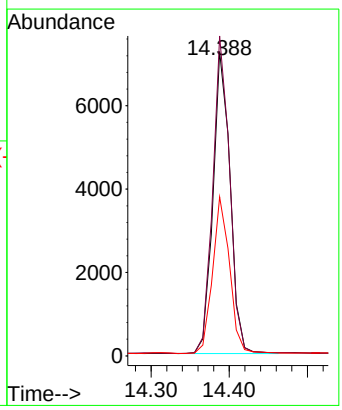


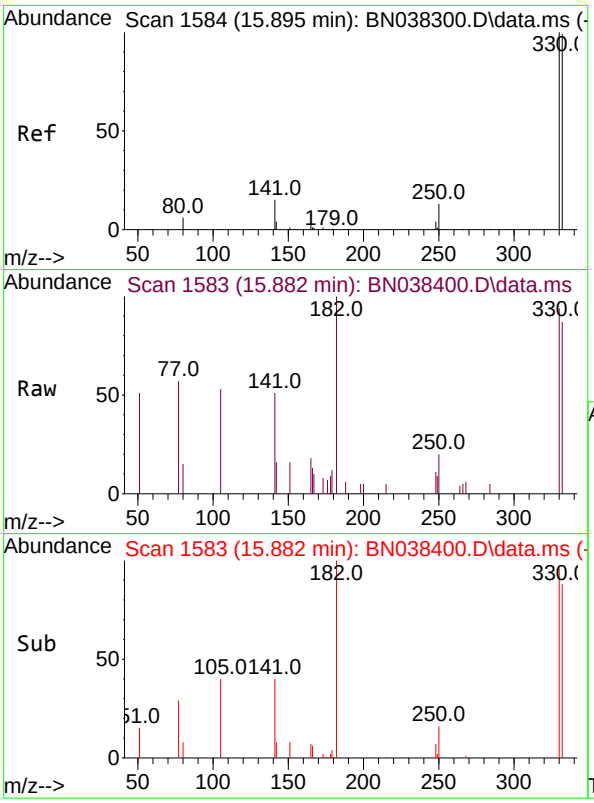




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038400.D
Acq: 15 Dec 2025 12:19

Tgt Ion:164 Resp: 11043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.2 | 86.2 | 129.4 |
| 160 | 52.2 | 44.6 | 67.0 |



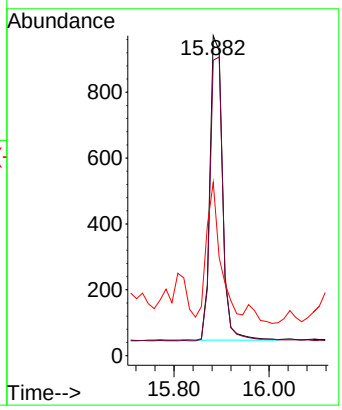


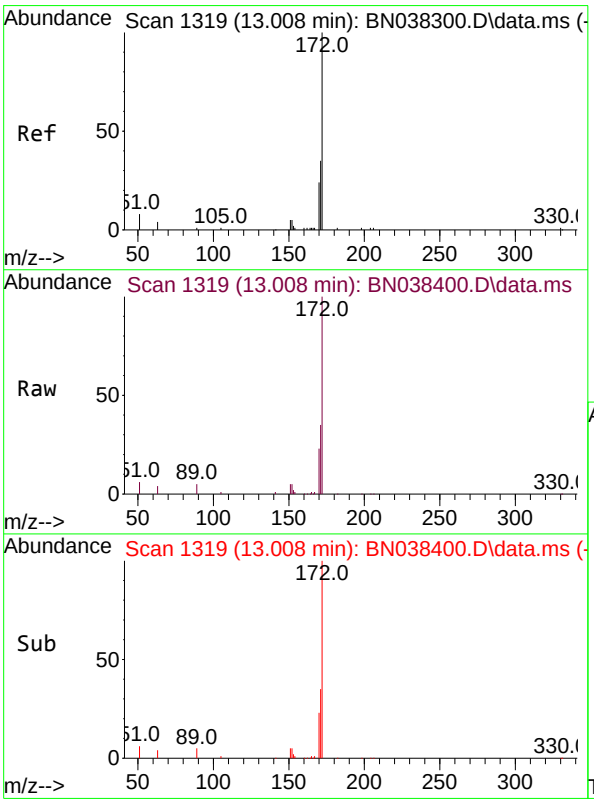

#14
2,4,6-Tribromophenol
Concen: 0.344 ng
RT: 15.882 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038400.D
Acq: 15 Dec 2025 12:19

**Instrument :**
BNA_N
**ClientSampleId :**
C0AM5

Tgt Ion:330 Resp: 1686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 75.8 | 113.6 |
| 141 | 50.9 | 31.8 | 47.8# |

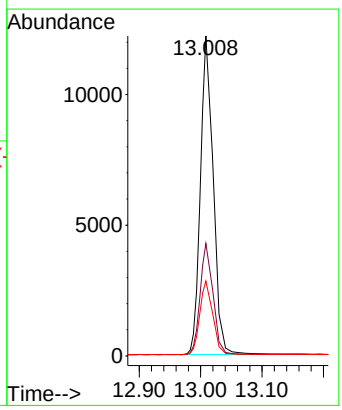


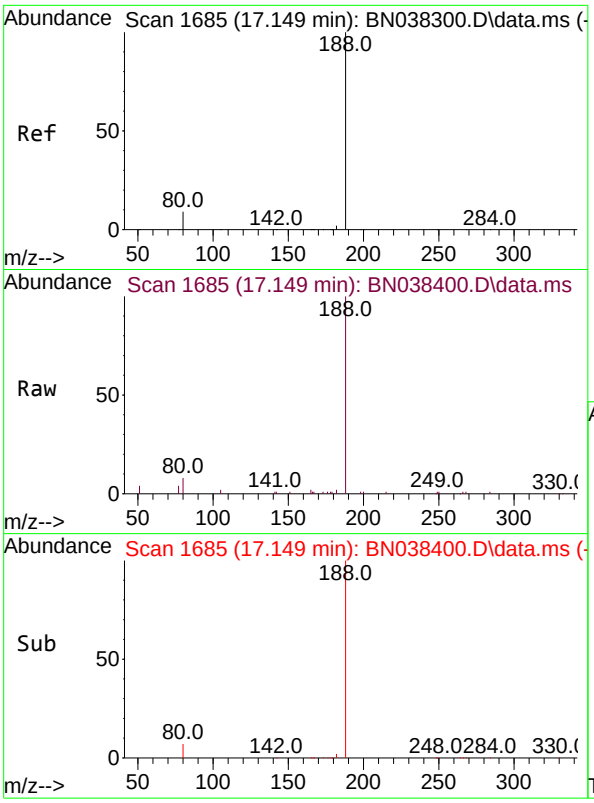




#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.008 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN038400.D
Acq: 15 Dec 2025 12:19

Tgt Ion:172 Resp: 19821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.1 | 28.6 | 42.8 |
| 170 | 23.4 | 19.3 | 28.9 |



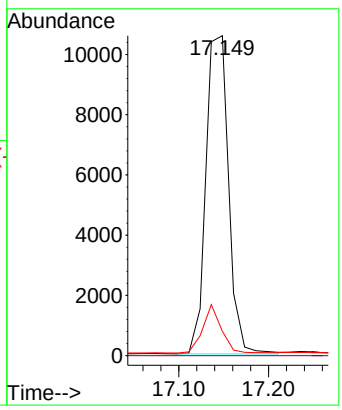


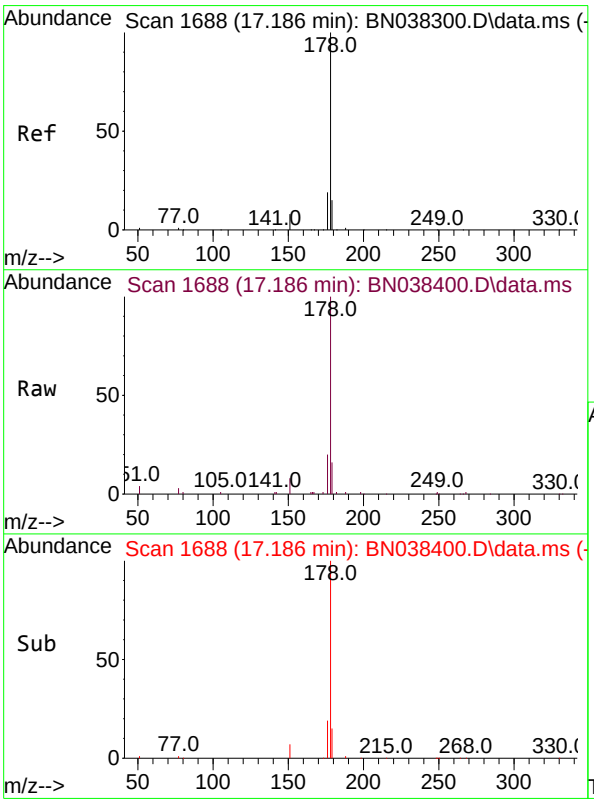

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.149 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN038400.D
Acq: 15 Dec 2025 12:19

**Instrument :**
BNA_N
**ClientSampleId :**
C0AM5

Tgt Ion:188 Resp: 18585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 7.6 | 7.4 | 11.0 |

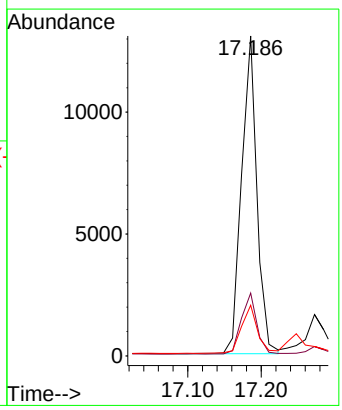


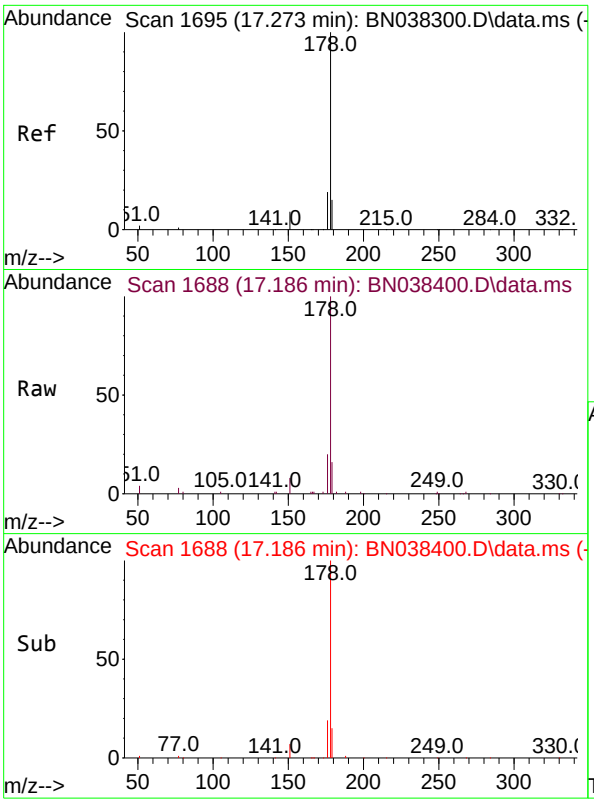




#25
Phenanthrene
Concen: 0.292 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038400.D
Acq: 15 Dec 2025 12:19

Tgt Ion:178 Resp: 18910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 15.5 | 23.3 |
| 179 | 16.1 | 12.2 | 18.2 |



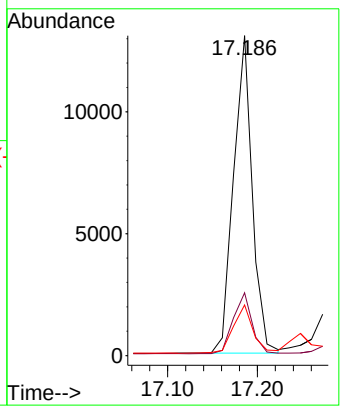


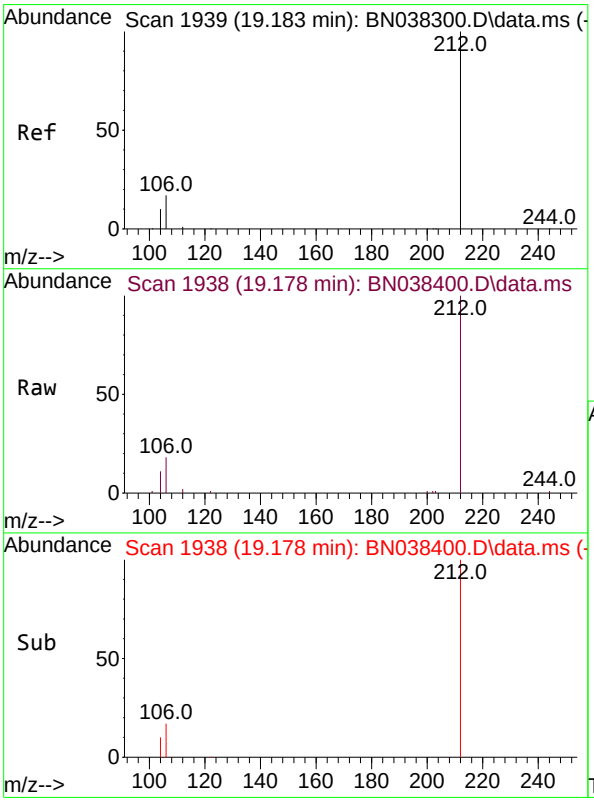

#26
Anthracene
Concen: 0.338 ng
RT: 17.186 min Scan# 1
Delta R.T. -0.099 min
Lab File: BN038400.D
Acq: 15 Dec 2025 12:19

**Instrument :**
BNA_N
**ClientSampleId :**
C0AM5

Tgt Ion:178 Resp: 18827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.5 | 15.1 | 22.7 |
| 179 | 16.1 | 12.0 | 18.0 |

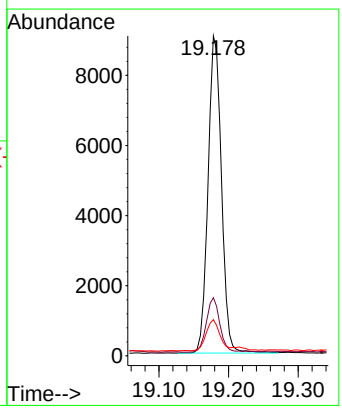


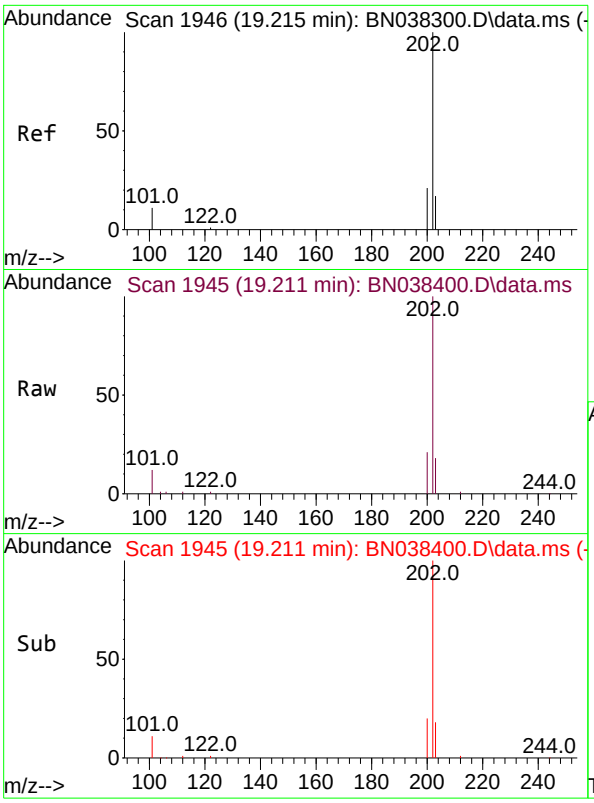




#27
Fluoranthene-d10
Concen: 0.265 ng
RT: 19.178 min Scan# 1938
Delta R.T. -0.009 min
Lab File: BN038400.D
Acq: 15 Dec 2025 12:19

Tgt Ion:212 Resp: 12180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 17.2 | 13.7 | 20.5 |
| 104 | 10.3 | 7.8 | 11.8 |



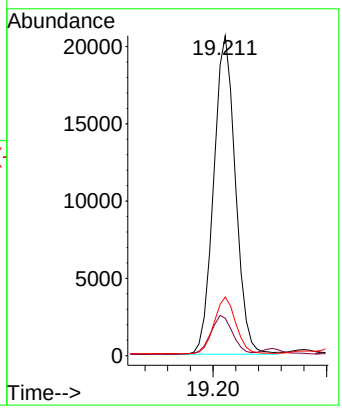


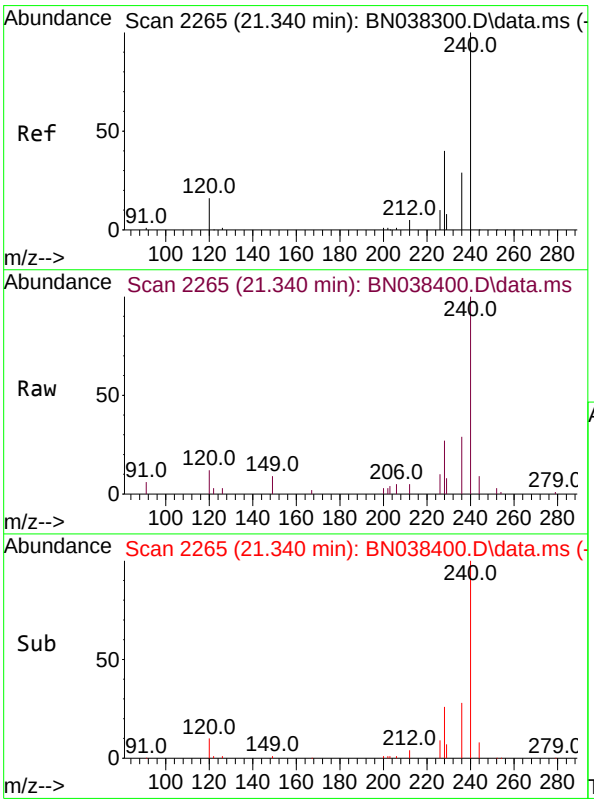

#28
Fluoranthene
Concen: 0.401 ng
RT: 19.211 min Scan# 19
Delta R.T. -0.009 min
Lab File: BN038400.D
Acq: 15 Dec 2025 12:19

**Instrument :**
BNA_N
**ClientSampleId :**
C0AM5

Tgt Ion:202 Resp: 27554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.3 | 9.6 | 14.4 |
| 203 | 17.7 | 13.5 | 20.3 |

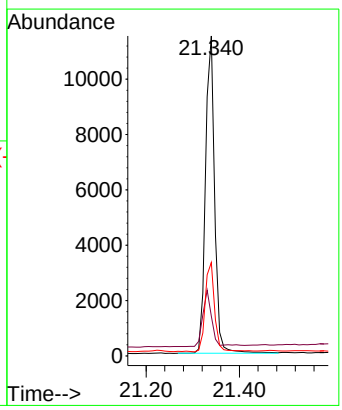


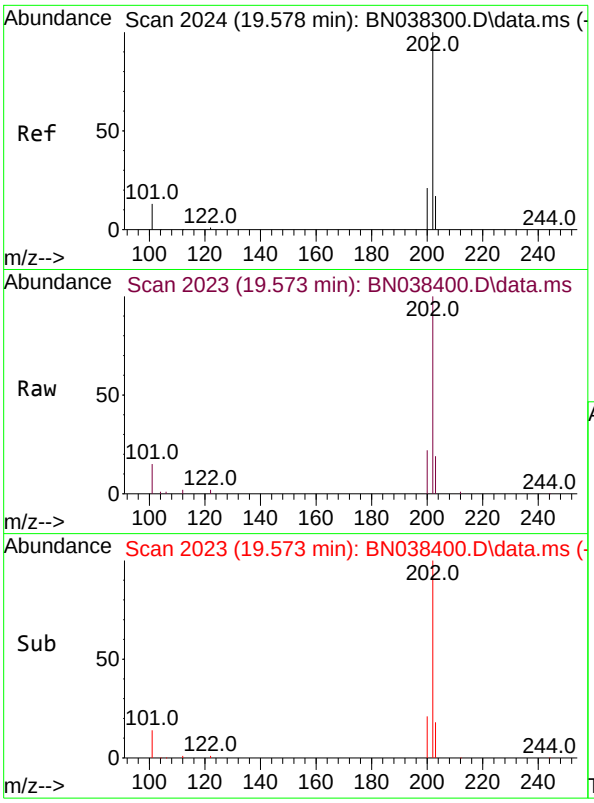




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BN038400.D
Acq: 15 Dec 2025 12:19

Tgt Ion:240 Resp: 15604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.4 | 15.4 | 23.2# |
| 236 | 29.2 | 23.9 | 35.9 |



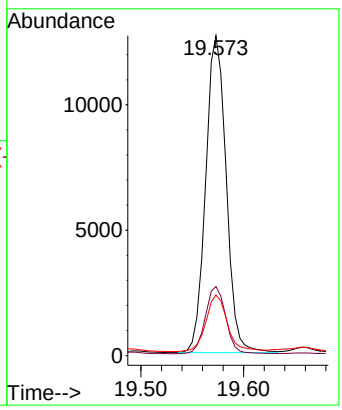


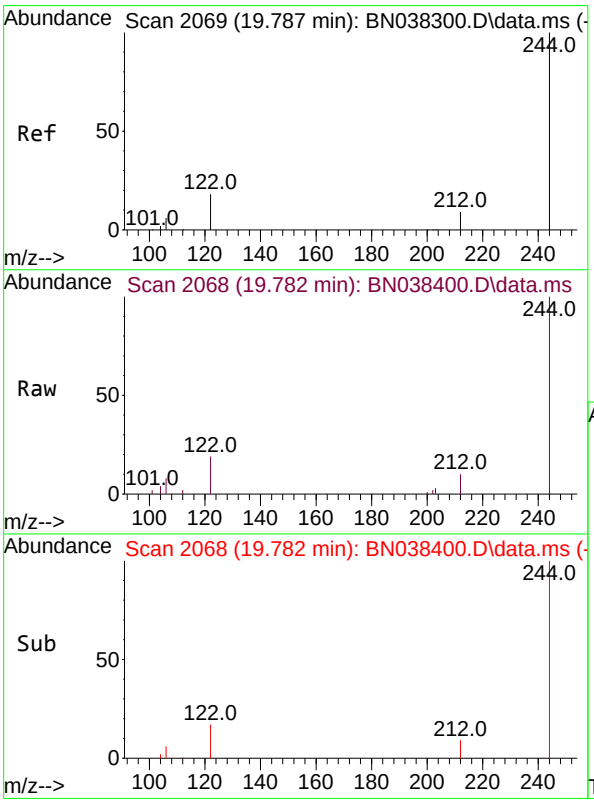

#30
Pyrene
Concen: 0.229 ng
RT: 19.573 min Scan# 20
Delta R.T. -0.009 min
Lab File: BN038400.D
Acq: 15 Dec 2025 12:19

**Instrument :**
BNA_N
**ClientSampleId :**
C0AM5

Tgt Ion:202 Resp: 17573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.1 | 16.9 | 25.3 |
| 203 | 18.6 | 14.2 | 21.2 |

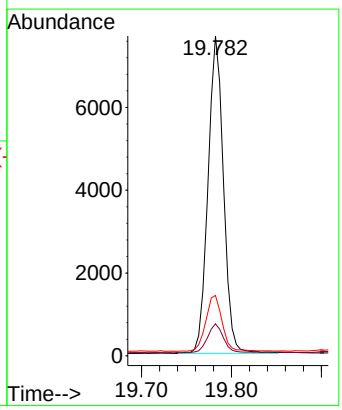


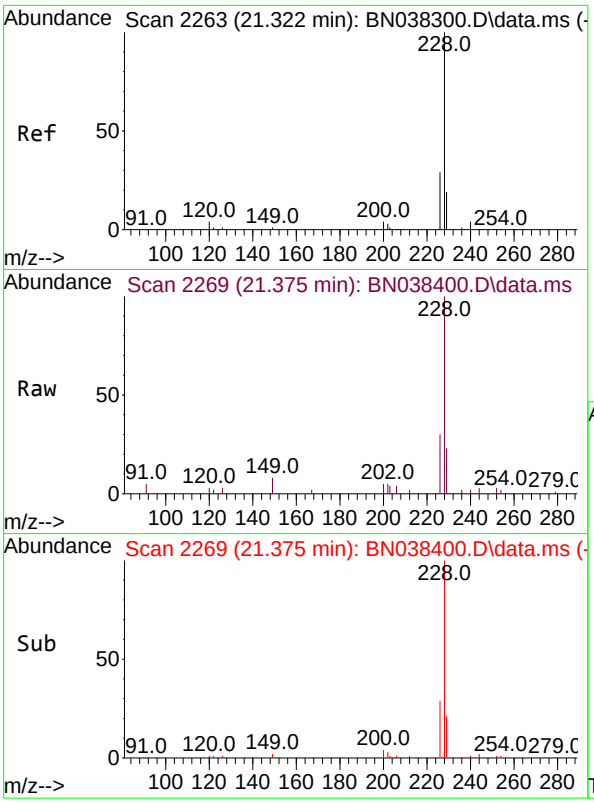




#31
Terphenyl-d14
Concen: 0.264 ng
RT: 19.782 min Scan# 2068
Delta R.T. -0.009 min
Lab File: BN038400.D
Acq: 15 Dec 2025 12:19

Tgt Ion:244 Resp: 9197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 10.0 | 7.9 | 11.9 |
| 122 | 18.9 | 15.0 | 22.6 |



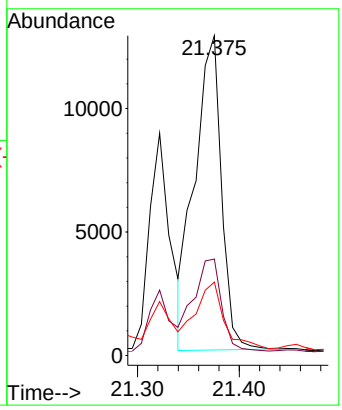


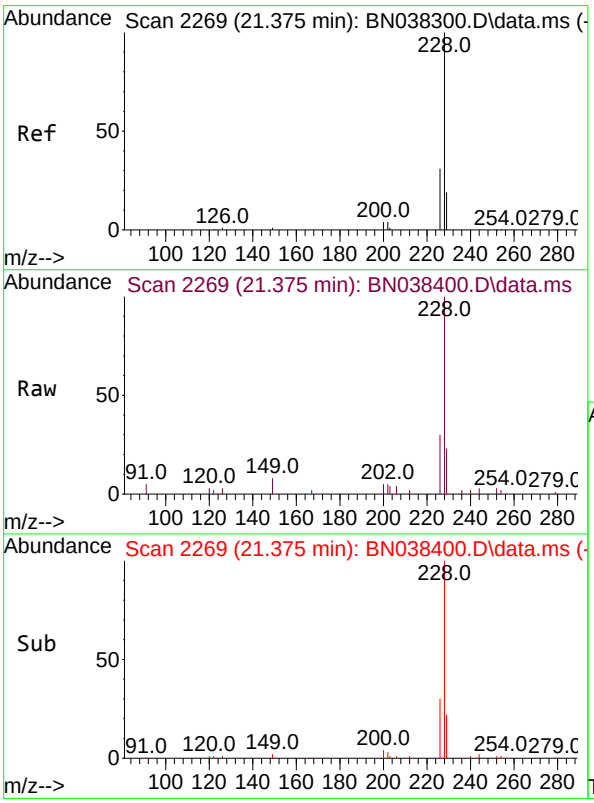

#32
Benzo(a)anthracene
Concen: 0.385 ng
RT: 21.375 min Scan# 2
Delta R.T. 0.045 min
Lab File: BN038400.D
Acq: 15 Dec 2025 12:19

**Instrument :**
BNA_N
**ClientSampleId :**
C0AM5

Tgt Ion:228 Resp: 23235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.2 | 23.3 | 34.9 |
| 229 | 23.0 | 15.7 | 23.5 |

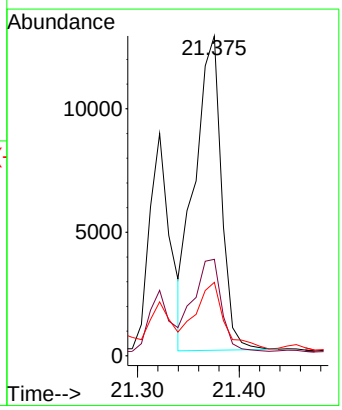


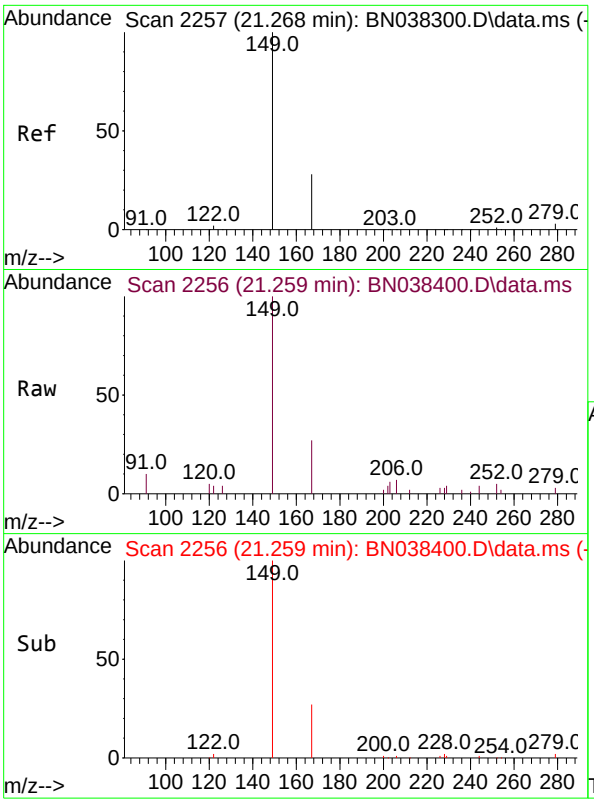




#33
Chrysene
Concen: 0.350 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038400.D
Acq: 15 Dec 2025 12:19

Tgt Ion:228 Resp: 23229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.2 | 25.0 | 37.4 |
| 229 | 23.0 | 15.5 | 23.3 |



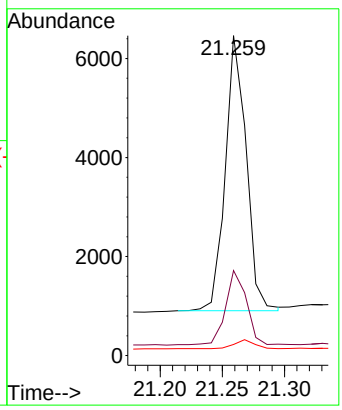


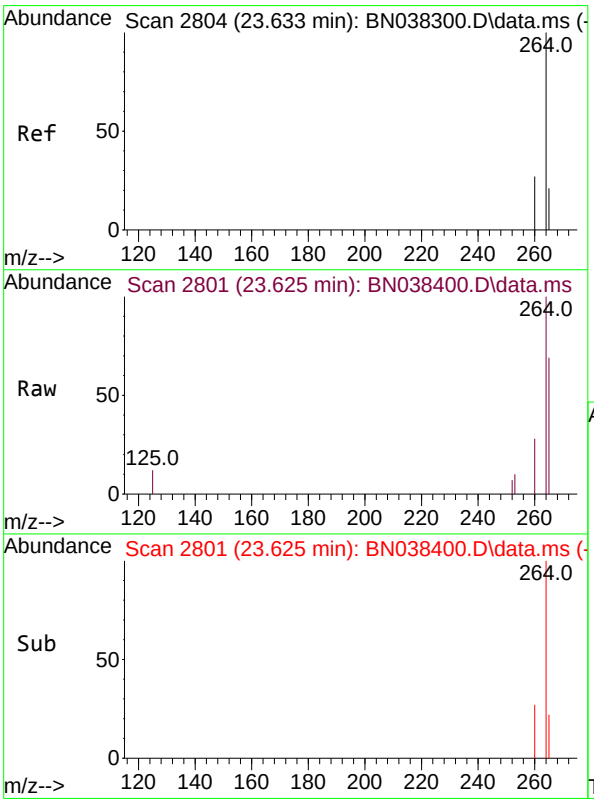

#34
Bis(2-ethylhexyl)phthalate
Concen: 0.197 ng
RT: 21.259 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038400.D
Acq: 15 Dec 2025 12:19

**Instrument :**
BNA_N
**ClientSampleId :**
C0AM5

Tgt Ion:149 Resp: 6505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.6 | 21.4 | 32.0 |
| 279 | 3.2 | 2.4 | 3.6 |

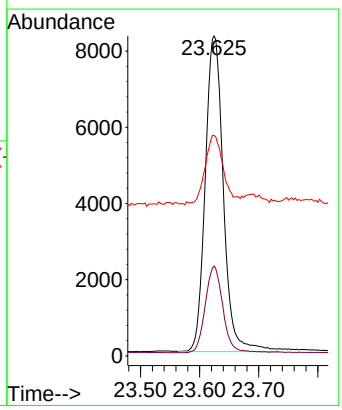


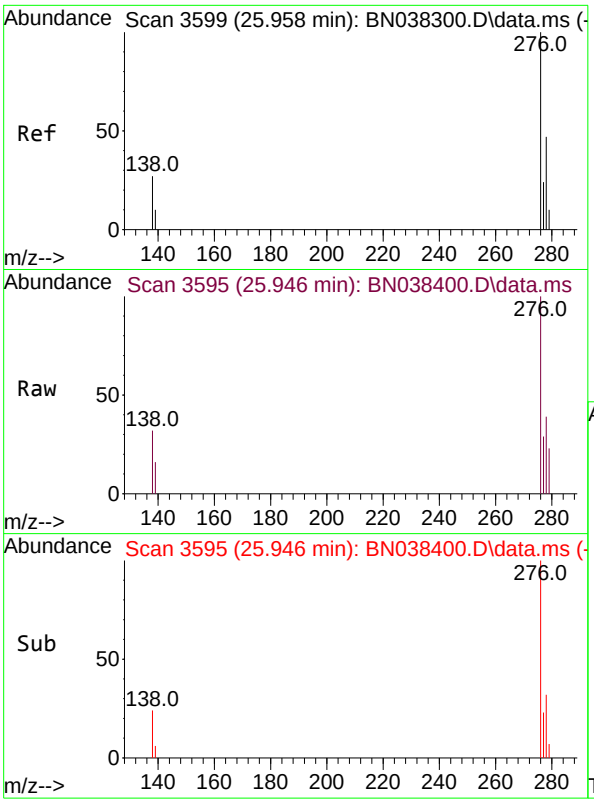




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.625 min Scan# 2801
Delta R.T. -0.009 min
Lab File: BN038400.D
Acq: 15 Dec 2025 12:19

Tgt Ion:264 Resp: 17669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 28.1 | 22.2 | 33.2 |
| 265 | 68.9 | 80.2 | 120.2# |



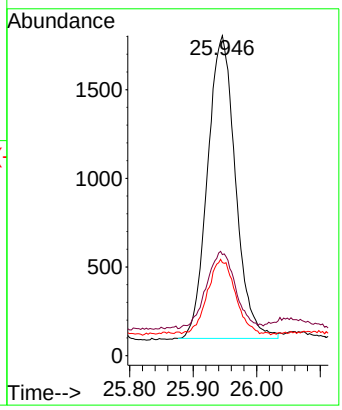


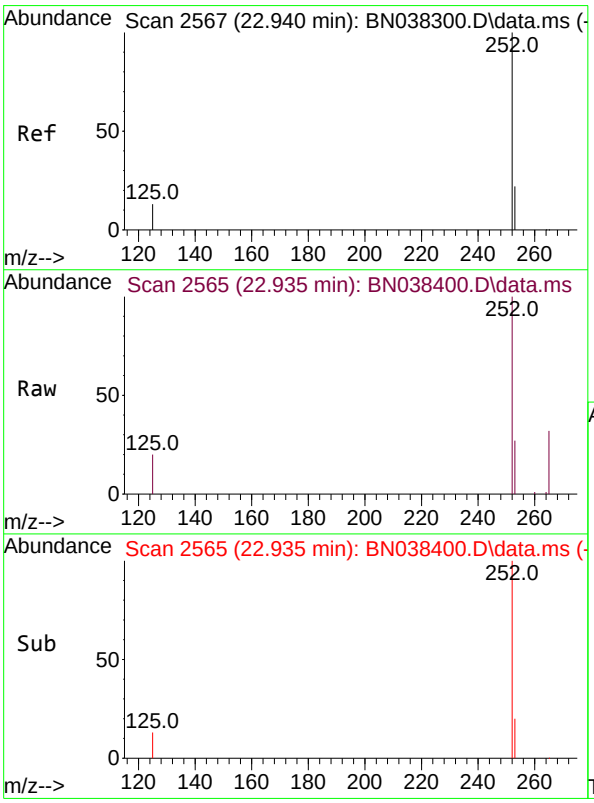

#36
Indeno(1,2,3-cd)pyrene
Concen: 0.056 ng
RT: 25.946 min Scan# 3
Delta R.T. -0.018 min
Lab File: BN038400.D
Acq: 15 Dec 2025 12:19

**Instrument :**
BNA_N
**ClientSampleId :**
C0AM5

Tgt Ion:276 Resp: 5204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.7 | 23.6 | 35.4 |
| 277 | 24.2 | 19.7 | 29.5 |

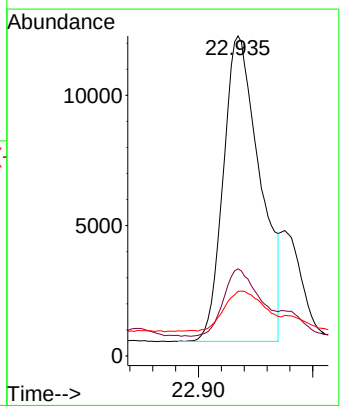


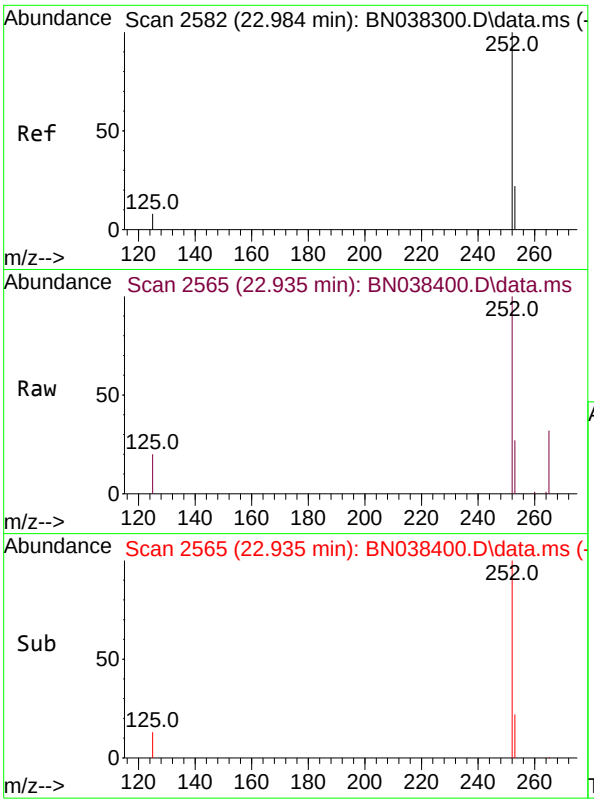




#37
Benzo(b)fluoranthene
Concen: 0.321 ng
RT: 22.935 min Scan# 2565
Delta R.T. -0.012 min
Lab File: BN038400.D
Acq: 15 Dec 2025 12:19

Tgt Ion:252 Resp: 26084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 27.2 | 21.1 | 31.7 |
| 125 | 20.2 | 16.4 | 24.6 |



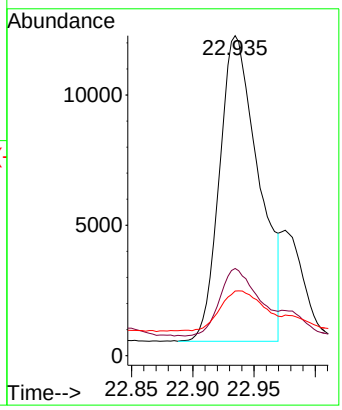


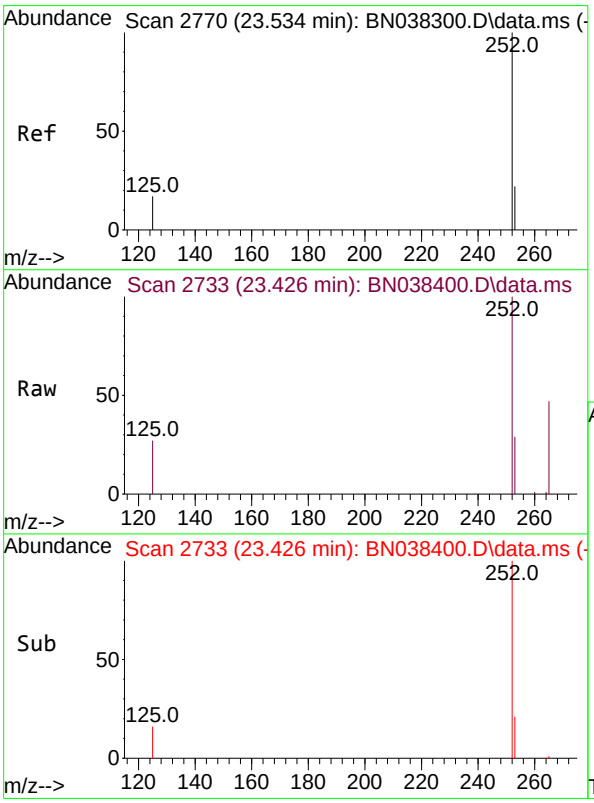

#38
Benzo(k)fluoranthene
Concen: 0.322 ng
RT: 22.935 min Scan# 2
Delta R.T. -0.055 min
Lab File: BN038400.D
Acq: 15 Dec 2025 12:19

**Instrument :**
BNA_N
**ClientSampleId :**
C0AM5

Tgt Ion:252 Resp: 26090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 27.2 | 21.4 | 32.0 |
| 125 | 20.2 | 16.2 | 24.2 |

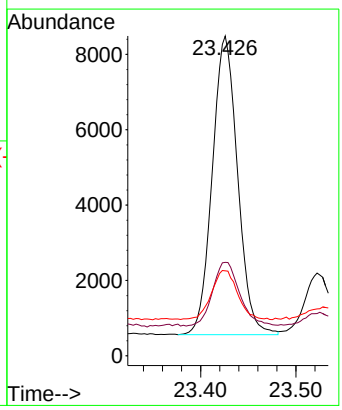


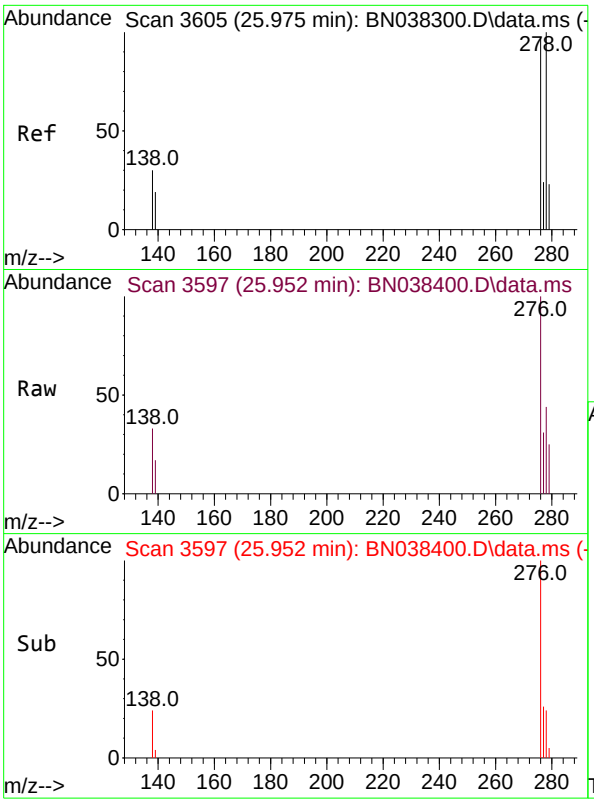




#39
Benzo(a)pyrene
Concen: 0.220 ng
RT: 23.426 min Scan# 2733
Delta R.T. -0.108 min
Lab File: BN038400.D
Acq: 15 Dec 2025 12:19

Tgt Ion:252 Resp: 14639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 29.2 | 23.3 | 34.9 |
| 125 | 26.6 | 22.4 | 33.6 |



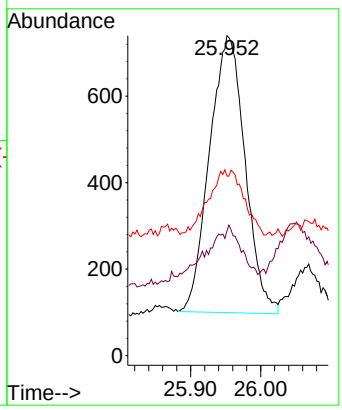


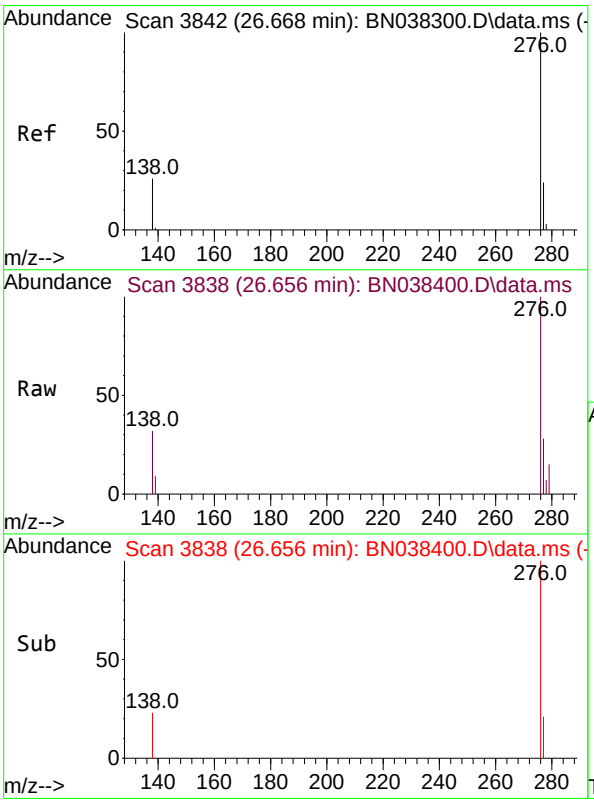

#40
Dibenzo(a,h)anthracene
Concen: 0.031 ng
RT: 25.952 min Scan# 3
Delta R.T. -0.029 min
Lab File: BN038400.D
Acq: 15 Dec 2025 12:19

**Instrument :**
BNA_N
**ClientSampleId :**
C0AM5

Tgt Ion:278 Resp: 2260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 39.1 | 17.8 | 26.8# |
| 279 | 56.1 | 21.3 | 31.9# |




#41
Benzo(g,h,i)perylene
Concen: 0.069 ng
RT: 26.656 min Scan# 3838
Delta R.T. -0.020 min
Lab File: BN038400.D
Acq: 15 Dec 2025 12:19

Tgt Ion:276 Resp: 5585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 28.3 | 20.0 | 30.0 |
| 138 | 31.6 | 21.8 | 32.6 |