Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091625\
Data File : BP025766.D
Acq On : 16 Sep 2025 20:37
Operator : CG/JU
Sample : Q3106-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
NB-07-09152025

Quant Time: Sep 17 05:12:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.755 | 152 | 223324 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.525 | 136 | 869277 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.378 | 164 | 525109 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.178 | 188 | 937916 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.630 | 240 | 1005229 | 20.000 | ng | -0.01 |
| 86) Perylene-d12 | 24.983 | 264 | 1104246 | 20.000 | ng | -0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.384 | 112 | 150725 | 10.890 | ng | 0.00 |
| 7) Phenol-d6 | 6.949 | 99 | 183795 | 9.991 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.902 | 82 | 119173 | 6.047 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.901 | 330 | 57362 | 8.758 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.984 | 172 | 280284 | 7.107 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.901 | 244 | 430379 | 7.702 | ng | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 54) 2,4-Dinitrophenol | 14.501 | 184 | 42 | 4.832 | ng | # 1 |
| 56) 4-Nitrophenol | 14.584 | 139 | 1651 | 4.685 | ng | # 5 |
| 71) Phenanthrene | 17.225 | 178 | 117609 | 2.211 | ng | 99 |
| 72) Anthracene | 17.225 | 178 | 117609 | 2.179 | ng | 100 |
| 75) Fluoranthene | 19.313 | 202 | 469931 | 7.365 | ng | 100 |
| 78) Pyrene | 19.689 | 202 | 460715 | 6.869 | ng | 99 |
| 81) Benzo(a)anthracene | 21.607 | 228 | 295160 | 4.289 | ng | 98 |
| 83) Chrysene | 21.677 | 228 | 292144 | 4.453 | ng | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 28.807 | 276 | 237928 | 2.963 | ng | # 82 |
| 88) Benzo(b)fluoranthene | 23.919 | 252 | 430695 | 6.378 | ng | # 98 |
| 89) Benzo(k)fluoranthene | 23.919 | 252 | 430695 | 6.250 | ng | # 97 |
| 90) Benzo(a)pyrene | 24.824 | 252 | 305323 | 4.617 | ng | 97 |
| 92) Benzo(g,h,i)perylene | 29.989 | 276 | 251326 | 3.889 | ng | 99 |

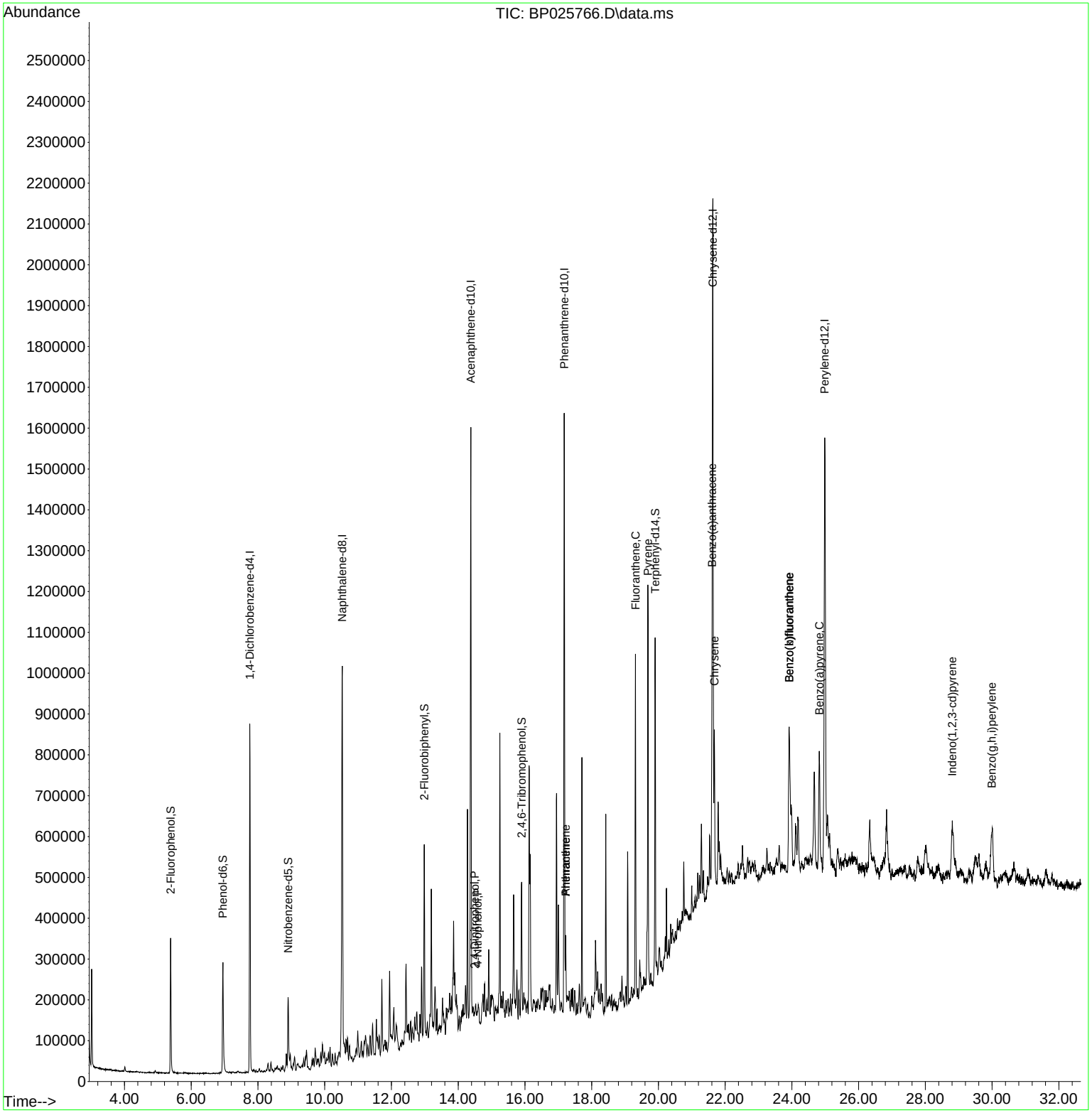
(#) = qualifier out of range (m) = manual integration (+) = signals summed

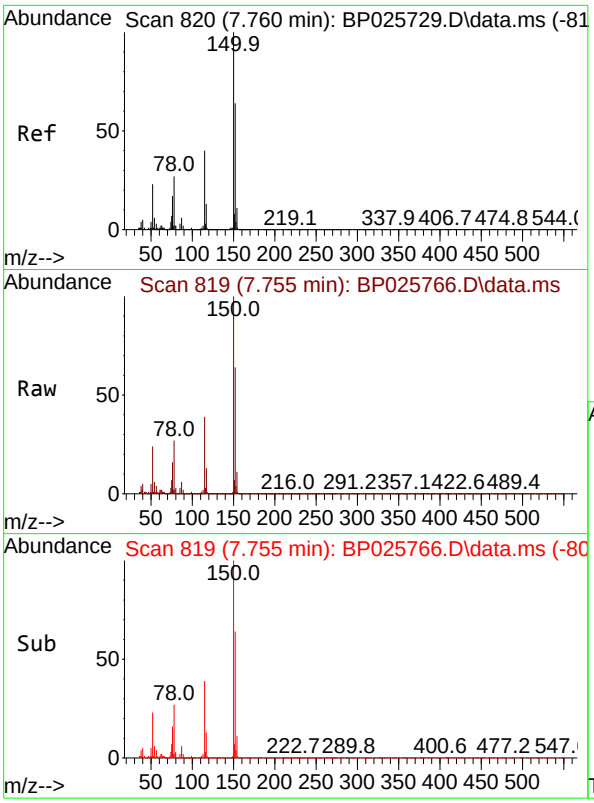
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091625\
Data File : BP025766.D
Acq On : 16 Sep 2025 20:37
Operator : CG/JU
Sample : Q3106-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
NB-07-09152025

Quant Time: Sep 17 05:12:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration



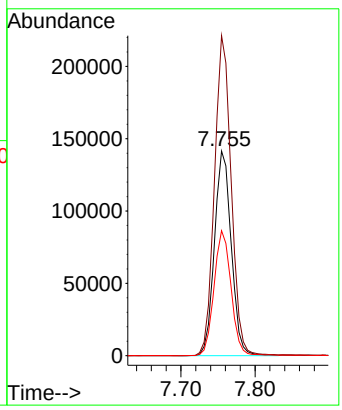


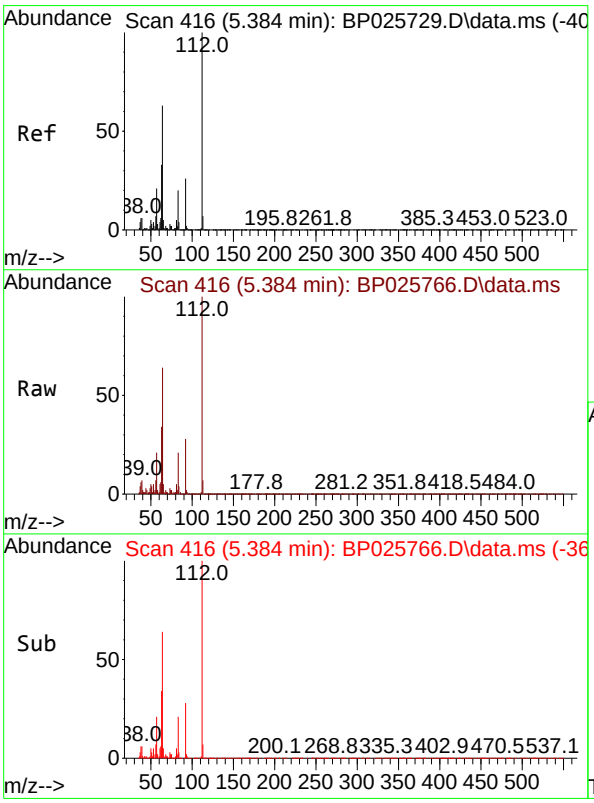

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.755 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP025766.D
Acq: 16 Sep 2025 20:37

**Instrument :**
BNA_P
**ClientSampleId :**
NB-07-09152025

Tgt Ion:152 Resp: 223324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.4 | 124.3 | 186.5 |
| 115 | 61.1 | 50.3 | 75.5 |

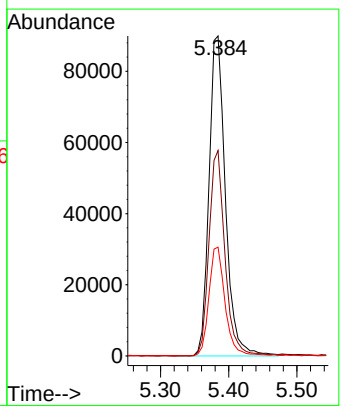


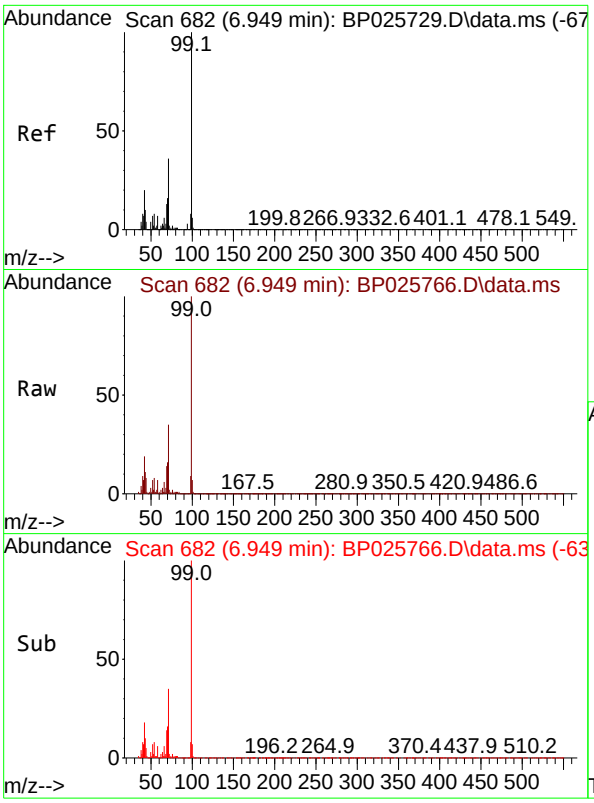




#5
2-Fluorophenol
Concen: 10.890 ng
RT: 5.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP025766.D
Acq: 16 Sep 2025 20:37

Tgt Ion:112 Resp: 150725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 64.2 | 50.2 | 75.4 |
| 63 | 34.0 | 26.7 | 40.1 |



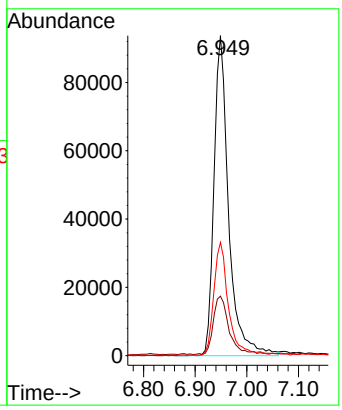


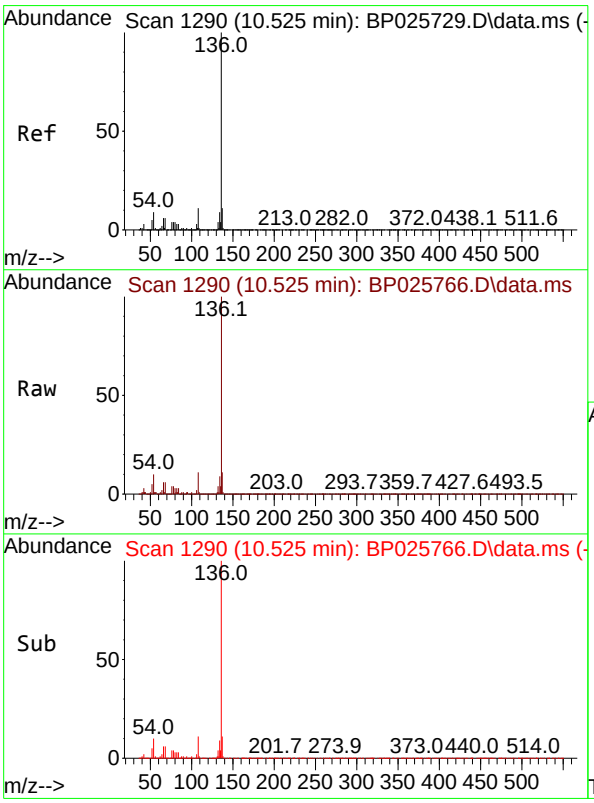

#7
Phenol-d6
Concen: 9.991 ng
RT: 6.949 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025766.D
Acq: 16 Sep 2025 20:37

**Instrument :**
BNA_P
**ClientSampleId :**
NB-07-09152025

Tgt Ion: 99 Resp: 183795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.6 | 15.6 | 23.4 |
| 71 | 35.4 | 28.6 | 43.0 |

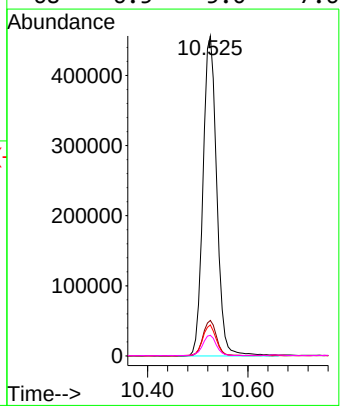


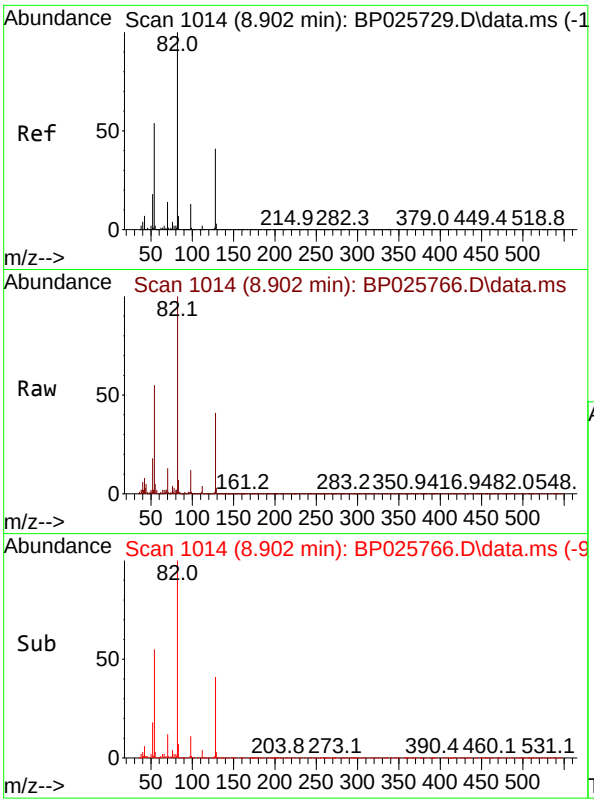




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.525 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BP025766.D
Acq: 16 Sep 2025 20:37

Tgt Ion:136 Resp: 869277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.7 | 13.1 |
| 54 | 9.7 | 7.5 | 11.3 |
| 68 | 6.5 | 5.0 | 7.6 |



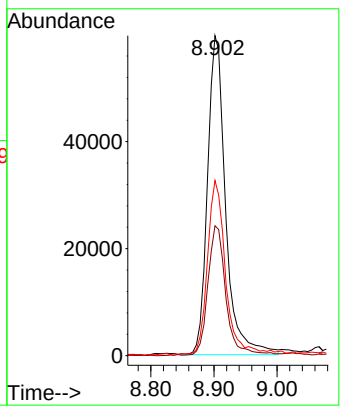


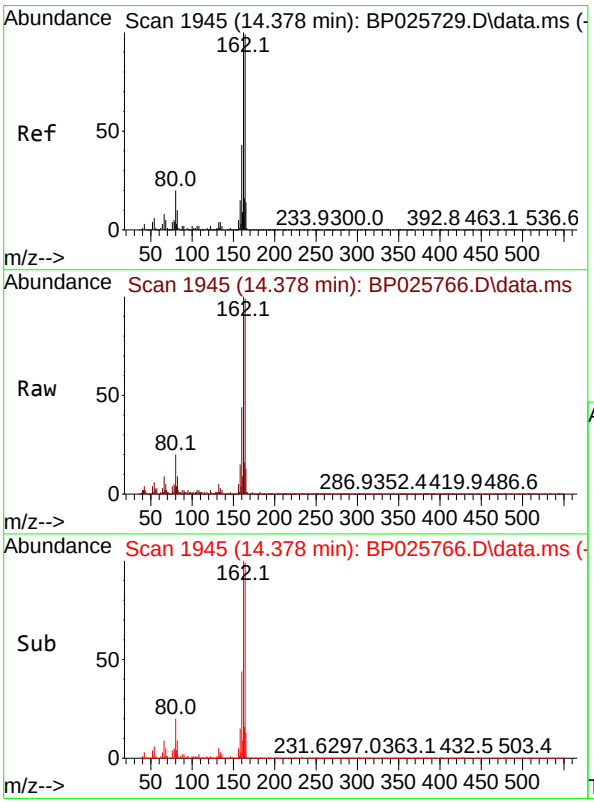

#23
Nitrobenzene-d5
Concen: 6.047 ng
RT: 8.902 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025766.D
Acq: 16 Sep 2025 20:37

**Instrument :**
BNA_P
**ClientSampleId :**
NB-07-09152025

Tgt Ion: 82 Resp: 119173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 40.6 | 32.9 | 49.3 |
| 54 | 54.7 | 43.4 | 65.2 |

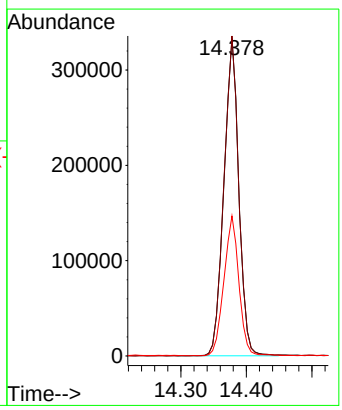


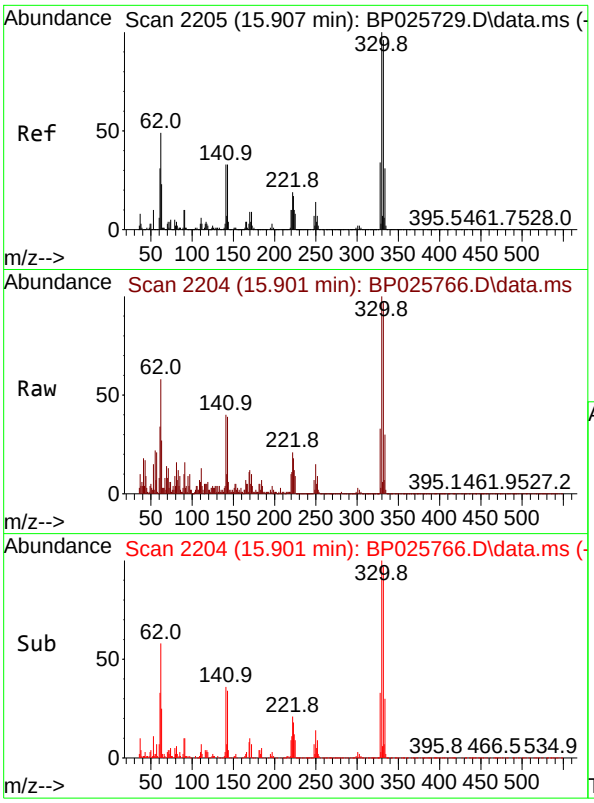




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.378 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BP025766.D
Acq: 16 Sep 2025 20:37

Tgt Ion:164 Resp: 525109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.8 | 80.6 | 120.8 |
| 160 | 44.1 | 35.0 | 52.6 |



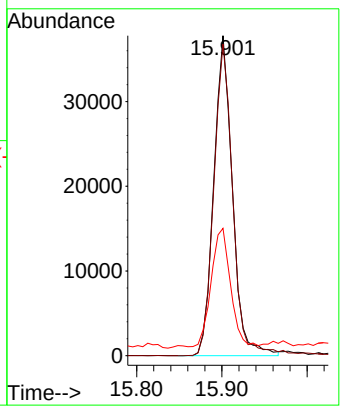


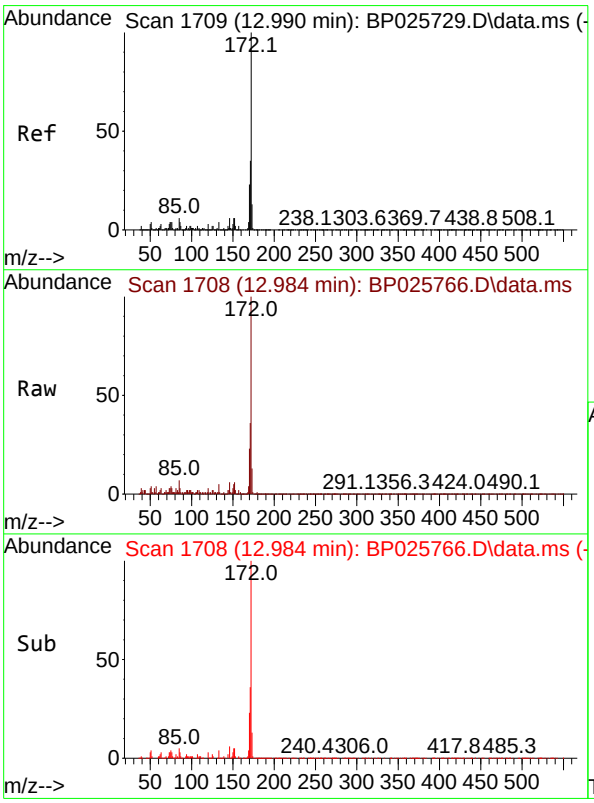

#42
2,4,6-Tribromophenol
Concen: 8.758 ng
RT: 15.901 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025766.D
Acq: 16 Sep 2025 20:37

**Instrument :**
BNA_P
**ClientSampleId :**
NB-07-09152025

Tgt Ion:330 Resp: 57362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 99.6 | 76.9 | 115.3 |
| 141 | 38.2 | 31.0 | 46.4 |

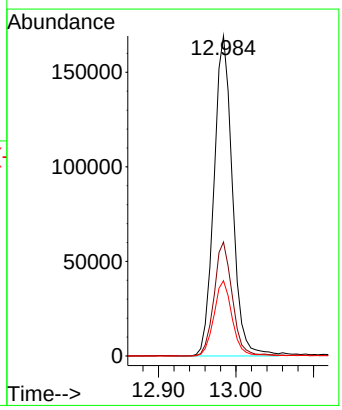


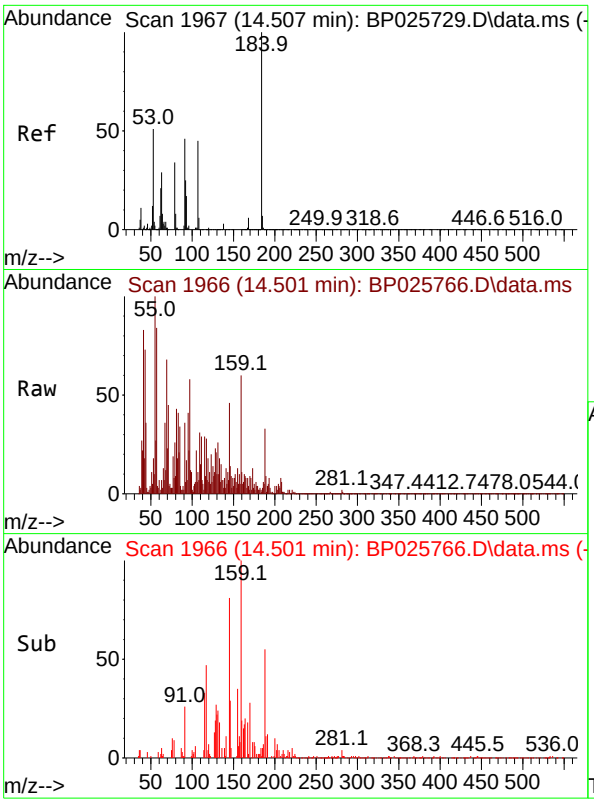




#45
2-Fluorobiphenyl
Concen: 7.107 ng
RT: 12.984 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP025766.D
Acq: 16 Sep 2025 20:37

Tgt Ion:172 Resp: 280284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.6 | 27.8 | 41.6 |
| 170 | 23.5 | 18.6 | 27.8 |



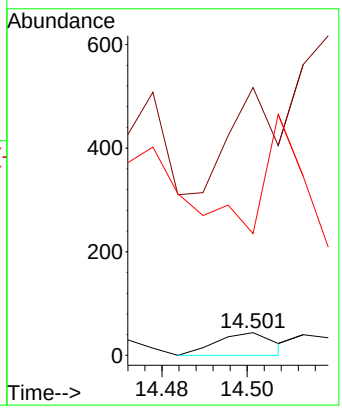


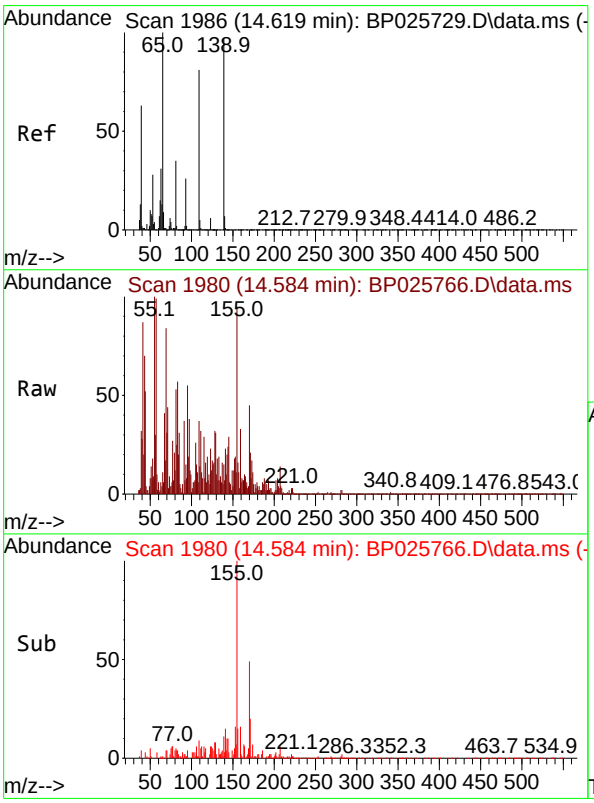

#54
2,4-Dinitrophenol
Concen: 4.832 ng
RT: 14.501 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025766.D
Acq: 16 Sep 2025 20:37

**Instrument :**
BNA_P
**ClientSampleId :**
NB-07-09152025

Tgt Ion:184 Resp: 42

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 1175.0 | 52.5 | 78.7# |
| 154 | 534.1 | 51.5 | 77.3# |

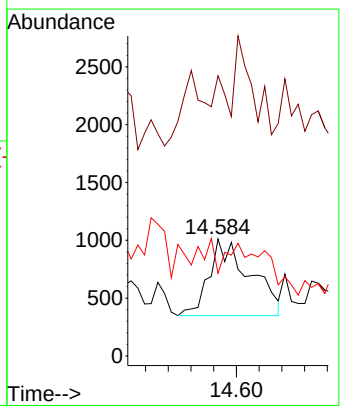


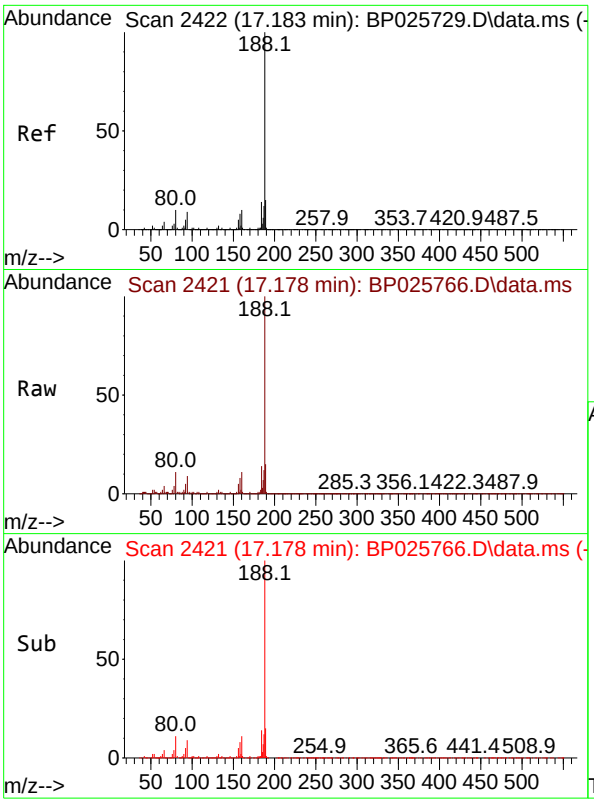




#56
4-Nitrophenol
Concen: 4.685 ng
RT: 14.584 min Scan# 1980
Delta R.T. -0.035 min
Lab File: BP025766.D
Acq: 16 Sep 2025 20:37

Tgt Ion:139 Resp: 1651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 239.9 | 62.9 | 102.9# |
| 65 | 70.8 | 83.4 | 123.4# |



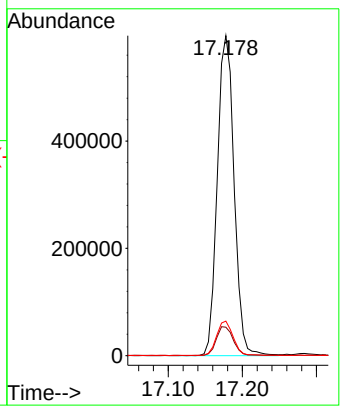


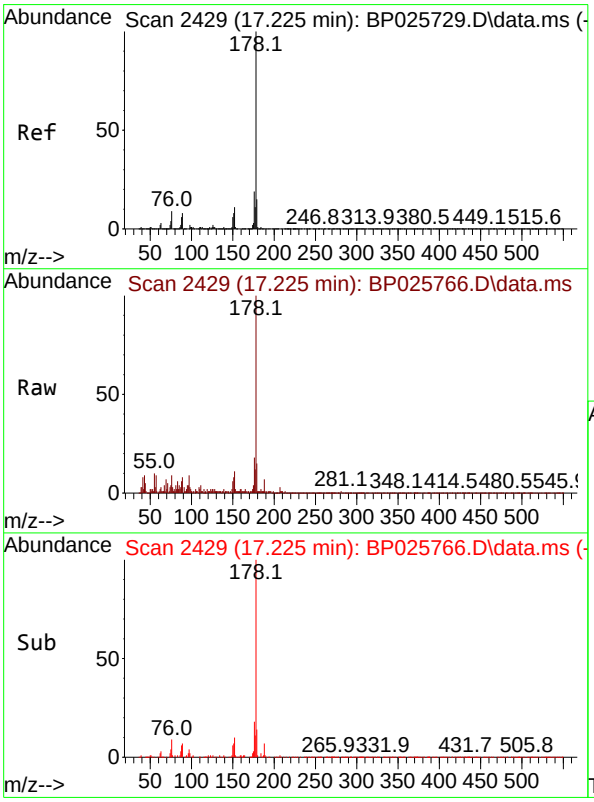

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.178 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025766.D
Acq: 16 Sep 2025 20:37

**Instrument :**
BNA_P
**ClientSampleId :**
NB-07-09152025

Tgt Ion:188 Resp: 937916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.9 | 7.4 | 11.0 |
| 80 | 10.8 | 7.7 | 11.5 |

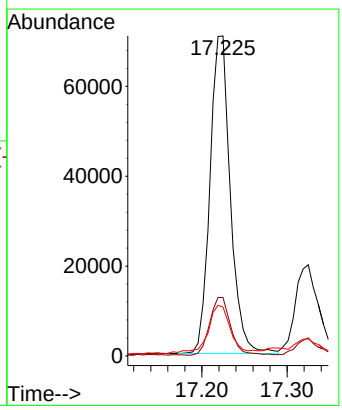


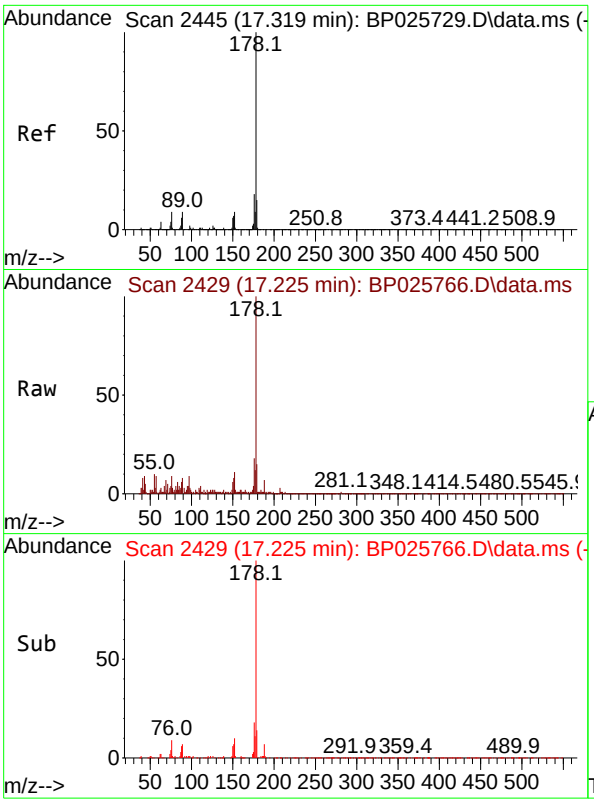




#71
Phenanthrene
Concen: 2.211 ng
RT: 17.225 min Scan# 2429
Delta R.T. 0.000 min
Lab File: BP025766.D
Acq: 16 Sep 2025 20:37

Tgt Ion:178 Resp: 117609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.2 | 15.4 | 23.2 |
| 179 | 15.2 | 12.2 | 18.4 |



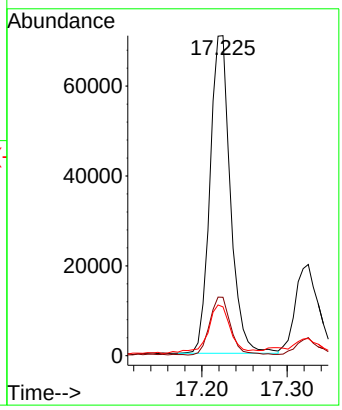


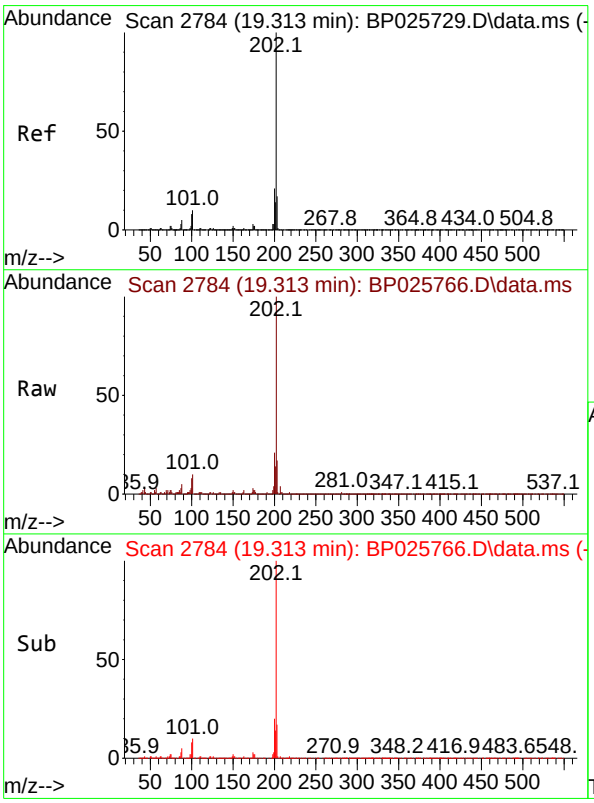

#72
Anthracene
Concen: 2.179 ng
RT: 17.225 min Scan# 24
Delta R.T. -0.094 min
Lab File: BP025766.D
Acq: 16 Sep 2025 20:37

**Instrument :**
BNA_P
**ClientSampleId :**
NB-07-09152025

Tgt Ion:178 Resp: 117609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.2 | 14.8 | 22.2 |
| 179 | 15.2 | 12.2 | 18.4 |

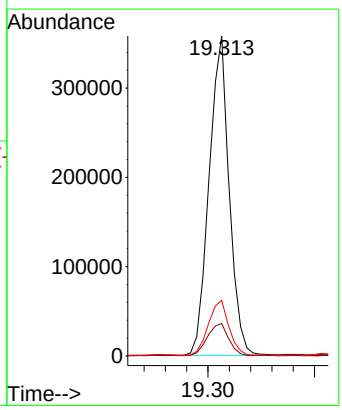


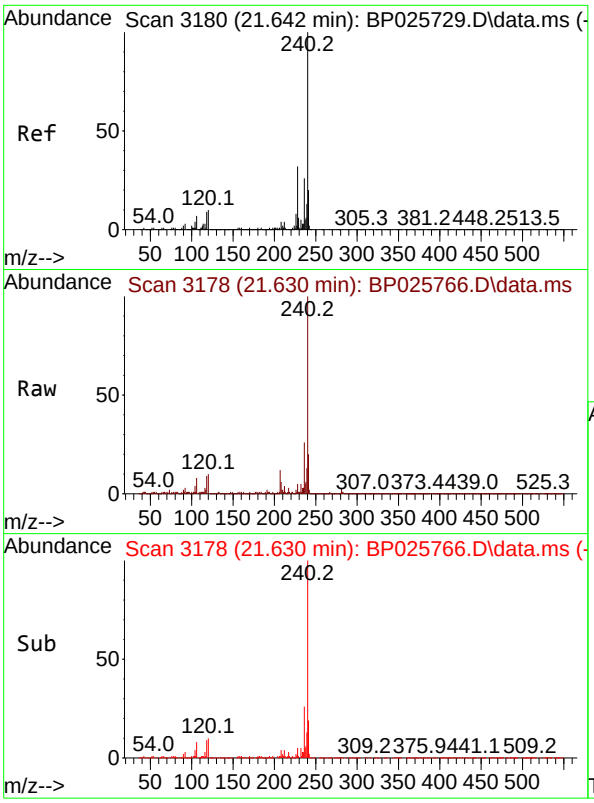




#75
Fluoranthene
Concen: 7.365 ng
RT: 19.313 min Scan# 2784
Delta R.T. 0.000 min
Lab File: BP025766.D
Acq: 16 Sep 2025 20:37

Tgt Ion:202 Resp: 469931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.1 | 0.0 | 30.4 |
| 203 | 17.4 | 0.0 | 37.4 |



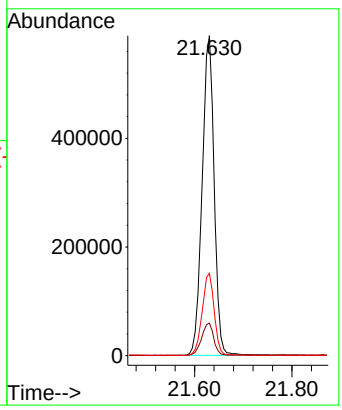


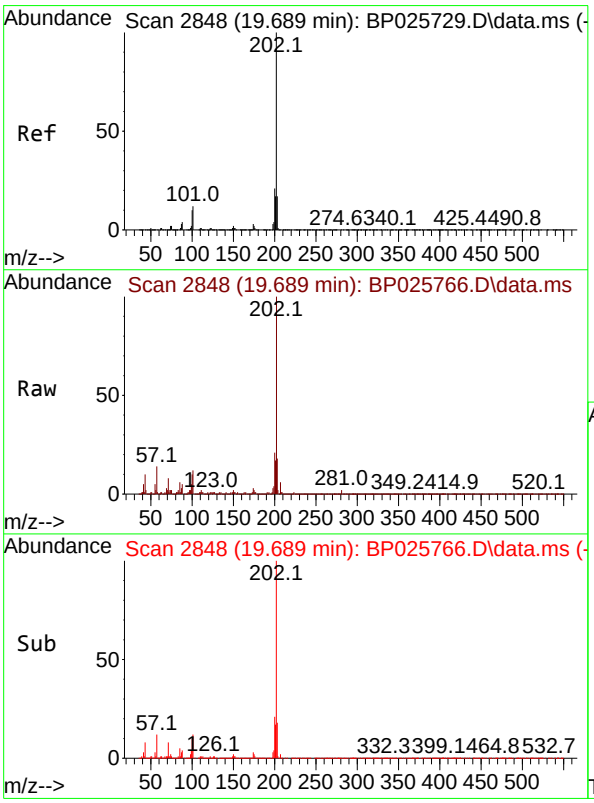

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025766.D
Acq: 16 Sep 2025 20:37

**Instrument :**
BNA_P
**ClientSampleId :**
NB-07-09152025

Tgt Ion:240 Resp: 1005229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.2 | 8.0 | 12.0 |
| 236 | 25.8 | 20.7 | 31.1 |

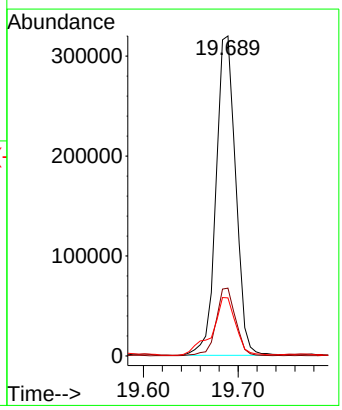


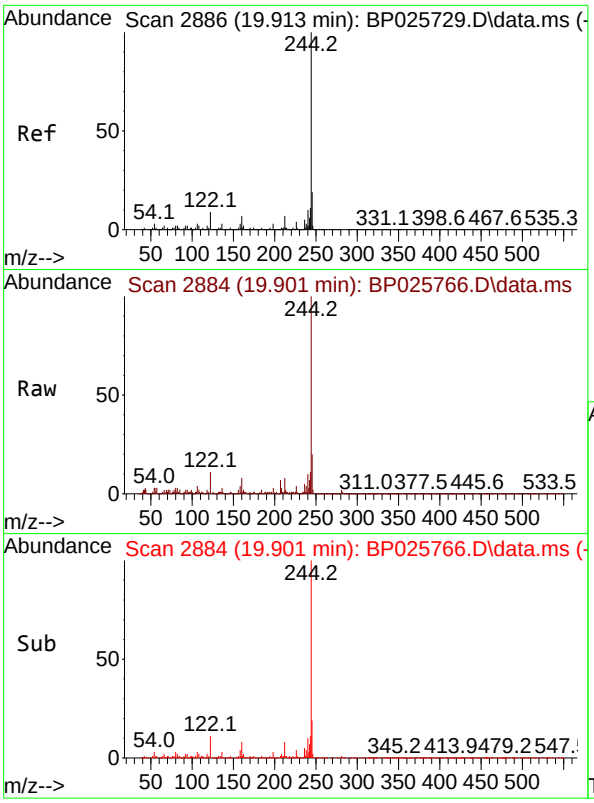




#78
Pyrene
Concen: 6.869 ng
RT: 19.689 min Scan# 2848
Delta R.T. 0.000 min
Lab File: BP025766.D
Acq: 16 Sep 2025 20:37

Tgt Ion:202 Resp: 460715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.2 | 17.0 | 25.6 |
| 203 | 18.1 | 13.9 | 20.9 |



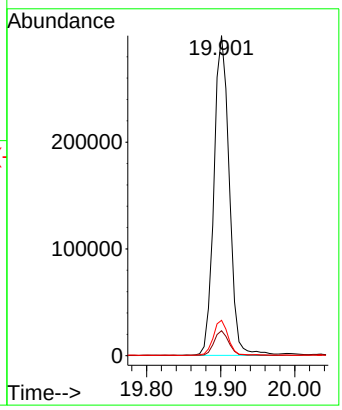


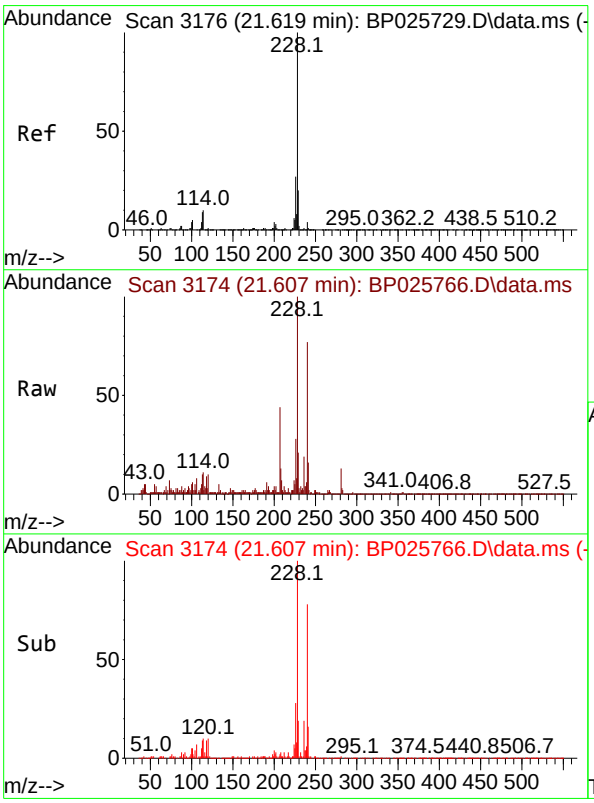

#79
Terphenyl-d14
Concen: 7.702 ng
RT: 19.901 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025766.D
Acq: 16 Sep 2025 20:37

**Instrument :**
BNA_P
**ClientSampleId :**
NB-07-09152025

Tgt Ion:244 Resp: 430379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.8 | 5.9 | 8.9 |
| 122 | 11.0 | 7.1 | 10.7# |

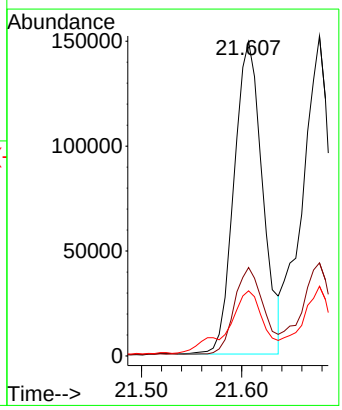


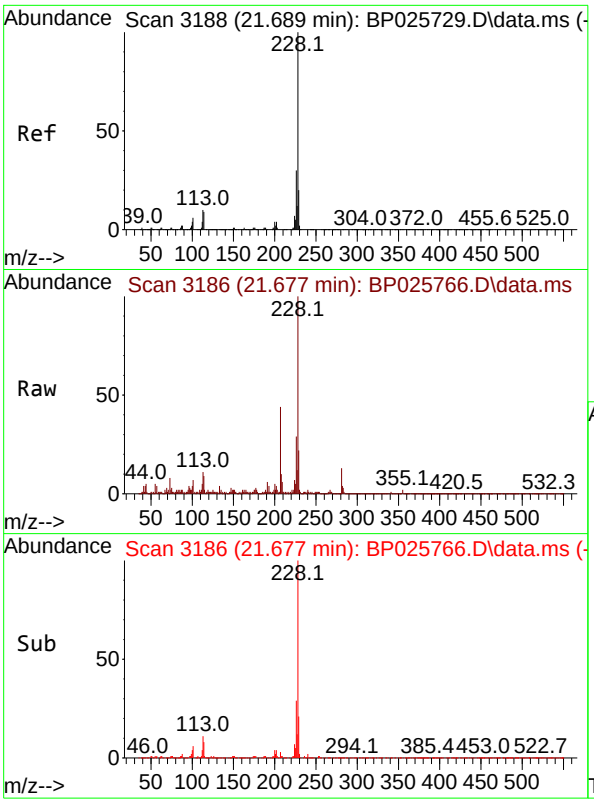




#81
Benzo(a)anthracene
Concen: 4.289 ng
RT: 21.607 min Scan# 3174
Delta R.T. -0.012 min
Lab File: BP025766.D
Acq: 16 Sep 2025 20:37

Tgt Ion:228 Resp: 295160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.2 | 21.6 | 32.4 |
| 229 | 20.7 | 15.7 | 23.5 |



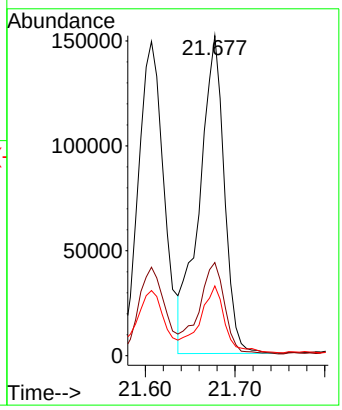


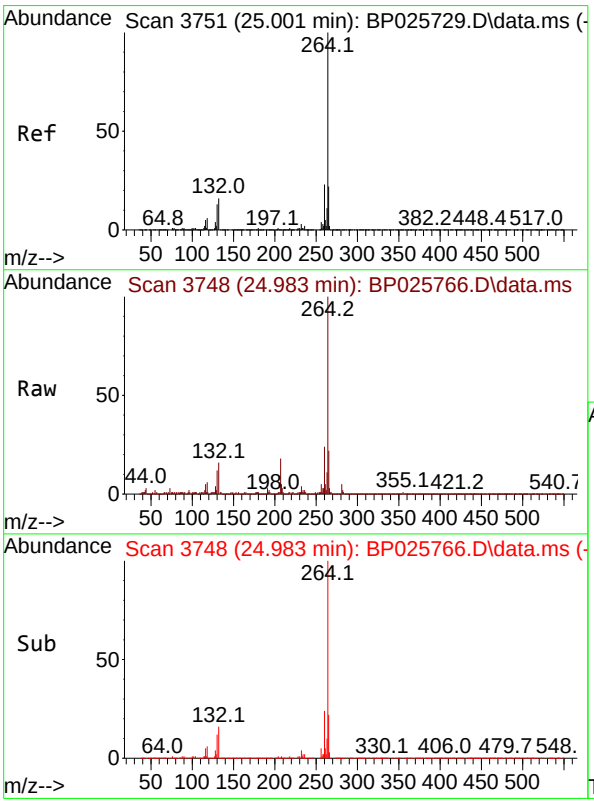

#83
Chrysene
Concen: 4.453 ng
RT: 21.677 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025766.D
Acq: 16 Sep 2025 20:37

**Instrument :**
BNA_P
**ClientSampleId :**
NB-07-09152025

Tgt Ion:228 Resp: 292144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.1 | 23.8 | 35.6 |
| 229 | 21.8 | 15.6 | 23.4 |

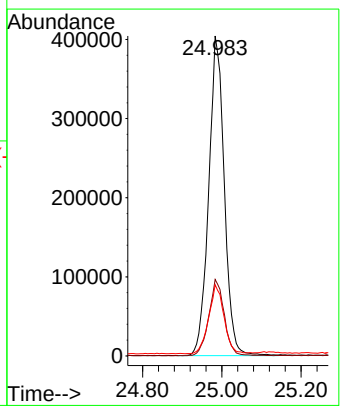


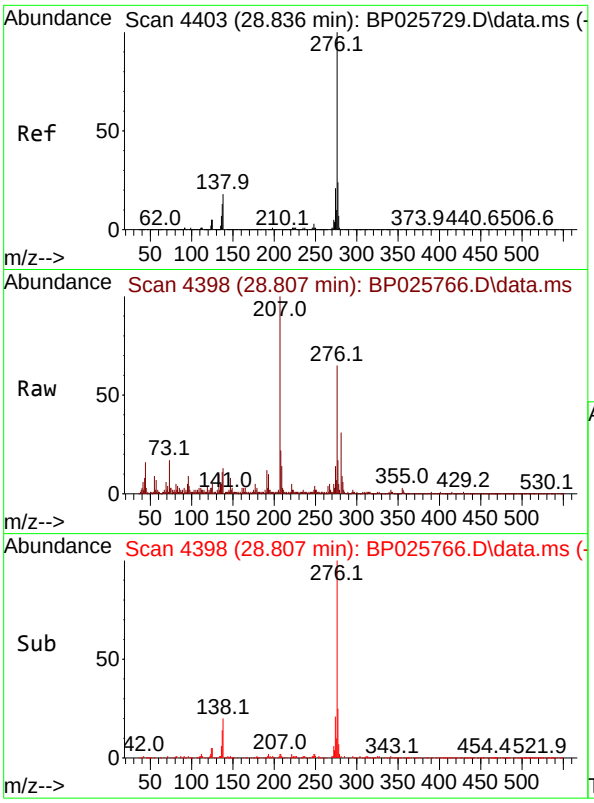




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.983 min Scan# 3748
Delta R.T. -0.018 min
Lab File: BP025766.D
Acq: 16 Sep 2025 20:37

Tgt Ion:264 Resp: 1104246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.9 | 18.3 | 27.5 |
| 265 | 22.3 | 17.3 | 25.9 |



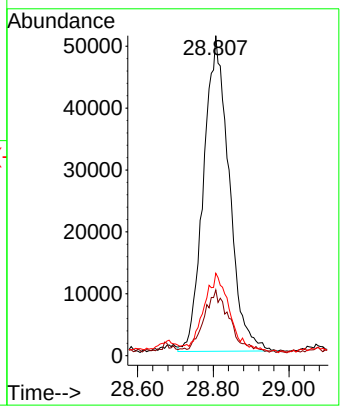


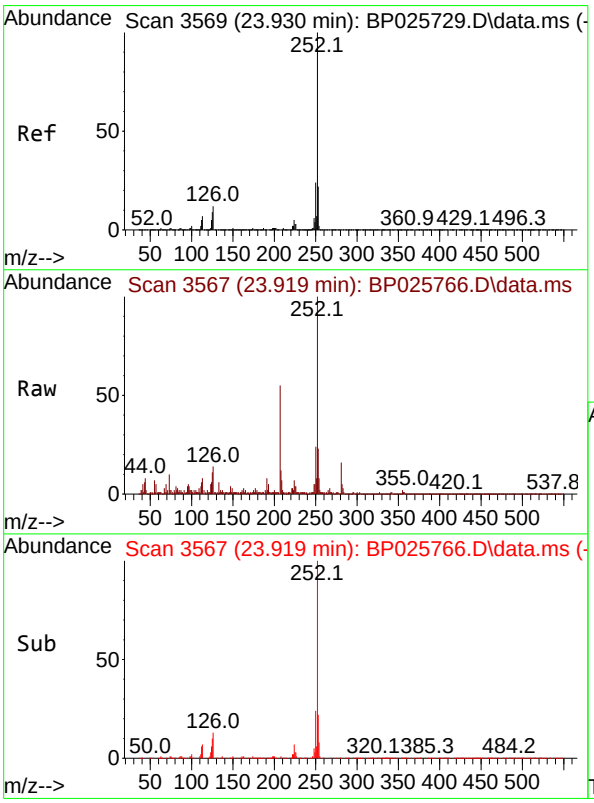

#87
Indeno(1,2,3-cd)pyrene
Concen: 2.963 ng
RT: 28.807 min Scan# 4
Delta R.T. -0.029 min
Lab File: BP025766.D
Acq: 16 Sep 2025 20:37

**Instrument :**
BNA_P
**ClientSampleId :**
NB-07-09152025

Tgt Ion:276 Resp: 237928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 19.8 | 13.4 | 20.2 |
| 277 | 24.3 | 9.1 | 13.7# |

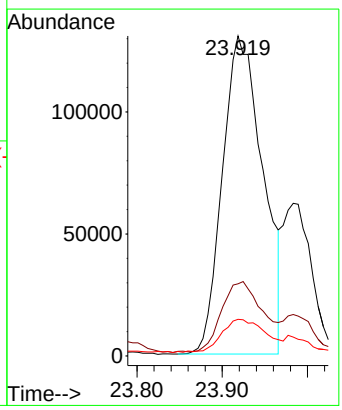


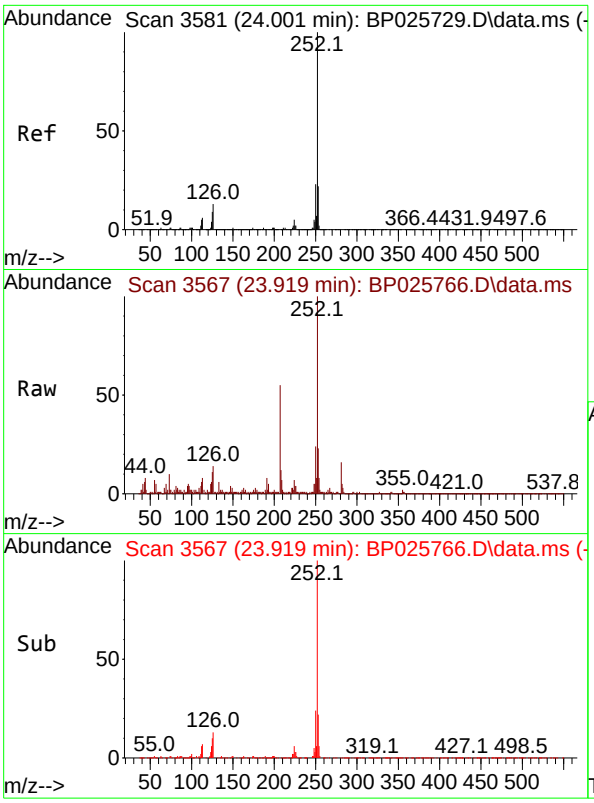




#88
Benzo(b)fluoranthene
Concen: 6.378 ng
RT: 23.919 min Scan# 3567
Delta R.T. -0.012 min
Lab File: BP025766.D
Acq: 16 Sep 2025 20:37

Tgt Ion:252 Resp: 430695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.6 | 17.9 | 26.9 |
| 125 | 11.5 | 7.3 | 10.9# |



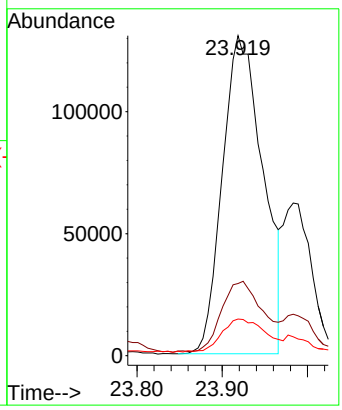


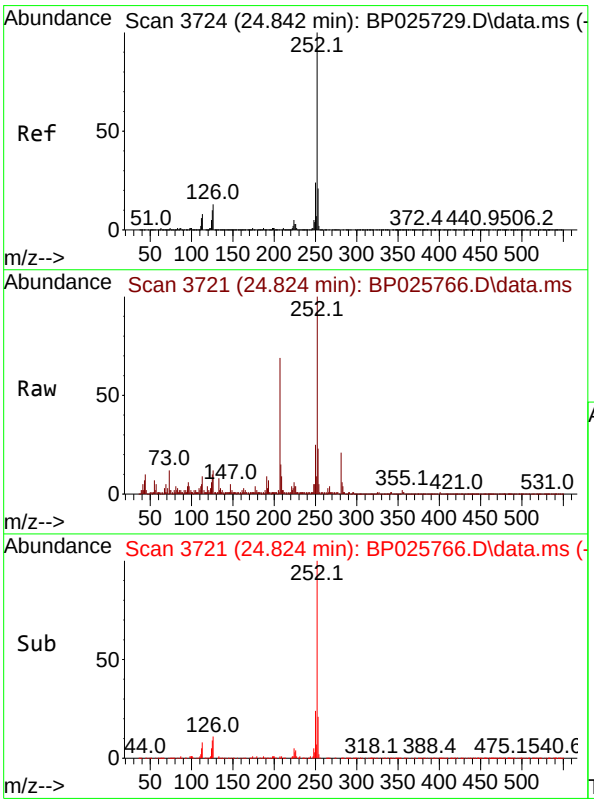

#89
Benzo(k)fluoranthene
Concen: 6.250 ng
RT: 23.919 min Scan# 3
Delta R.T. -0.082 min
Lab File: BP025766.D
Acq: 16 Sep 2025 20:37

**Instrument :**
BNA_P
**ClientSampleId :**
NB-07-09152025

Tgt Ion:252 Resp: 430695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.6 | 17.5 | 26.3 |
| 125 | 11.5 | 7.5 | 11.3# |

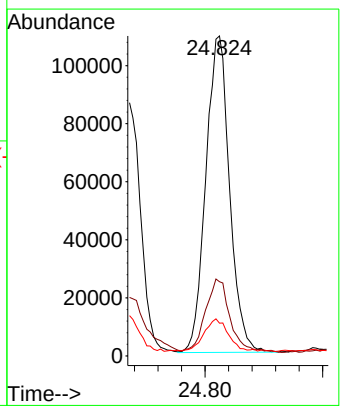


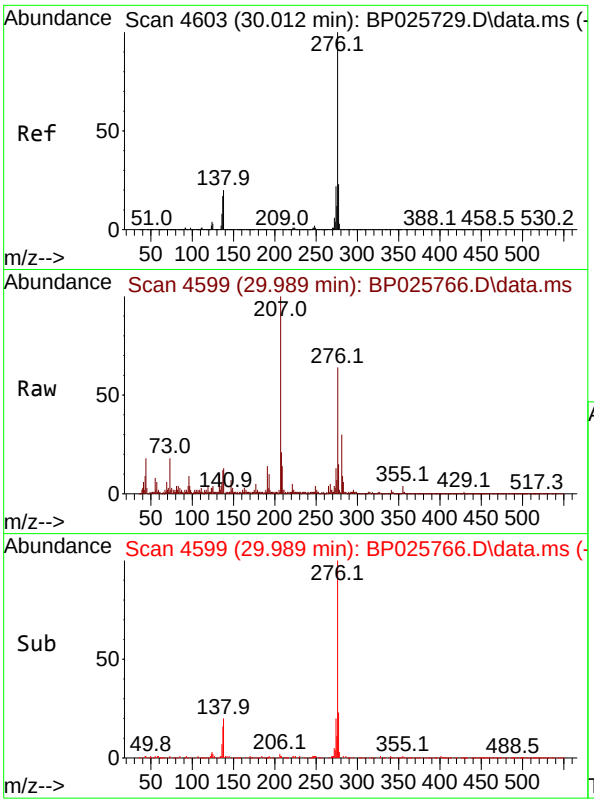




#90
Benzo(a)pyrene
Concen: 4.617 ng
RT: 24.824 min Scan# 3721
Delta R.T. -0.018 min
Lab File: BP025766.D
Acq: 16 Sep 2025 20:37

Tgt Ion:252 Resp: 305323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.2 | 17.2 | 25.8 |
| 125 | 10.3 | 8.3 | 12.5 |






#92
Benzo(g,h,i)perylene
Concen: 3.889 ng
RT: 29.989 min Scan# 4
Delta R.T. -0.023 min
Lab File: BP025766.D
Acq: 16 Sep 2025 20:37

**Instrument :**
BNA_P
**ClientSampleId :**
NB-07-09152025

Tgt Ion:276 Resp: 251326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.8 | 18.7 | 28.1 |
| 138 | 20.2 | 16.0 | 24.0 |