Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025462.D
Acq On : 18 Aug 2025 15:31
Operator : CG/JU
Sample : Q2853-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TR-05-081325

Quant Time: Aug 18 15:48:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.784 | 152 | 168064 | 20.000 | ng | -0.01 |
| 21) Naphthalene-d8 | 10.554 | 136 | 660528 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.395 | 164 | 389521 | 20.000 | ng | -0.01 |
| 64) Phenanthrene-d10 | 17.195 | 188 | 756070 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.630 | 240 | 861887 | 20.000 | ng | -0.02 |
| 86) Perylene-d12 | 25.000 | 264 | 1046150 | 20.000 | ng | -0.03 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.401 | 112 | 179708 | 17.758 | ng | 0.00 |
| 7) Phenol-d6 | 6.960 | 99 | 226980 | 17.494 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.925 | 82 | 141768 | 10.857 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.913 | 330 | 85504 | 16.308 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.007 | 172 | 336550 | 11.808 | ng | -0.01 |
| 79) Terphenyl-d14 | 19.918 | 244 | 526117 | 11.168 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 71) Phenanthrene | 17.242 | 178 | 102361 | 2.465 | ng | # 96 |
| 75) Fluoranthene | 19.324 | 202 | 182997 | 3.694 | ng | 97 |
| 78) Pyrene | 19.701 | 202 | 213824 | 3.817 | ng | 98 |
| 83) Chrysene | 21.683 | 228 | 115365 | 2.167 | ng | 95 |
| 88) Benzo(b)fluoranthene | 23.942 | 252 | 139116 | 2.255 | ng | # 84 |
| 89) Benzo(k)fluoranthene | 23.942 | 252 | 139116 | 2.254 | ng | # 83 |

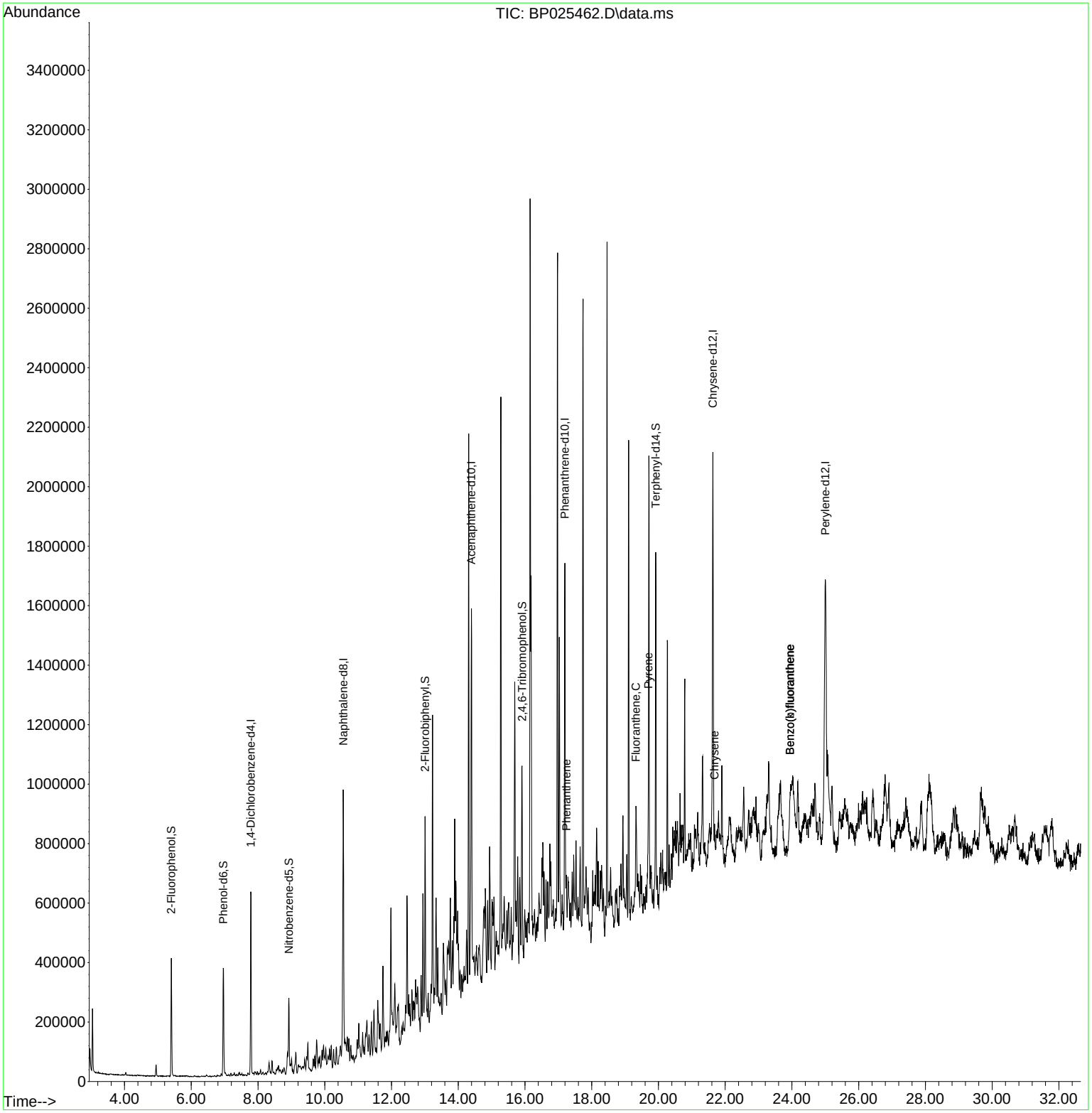
(#) = qualifier out of range (m) = manual integration (+) = signals summed

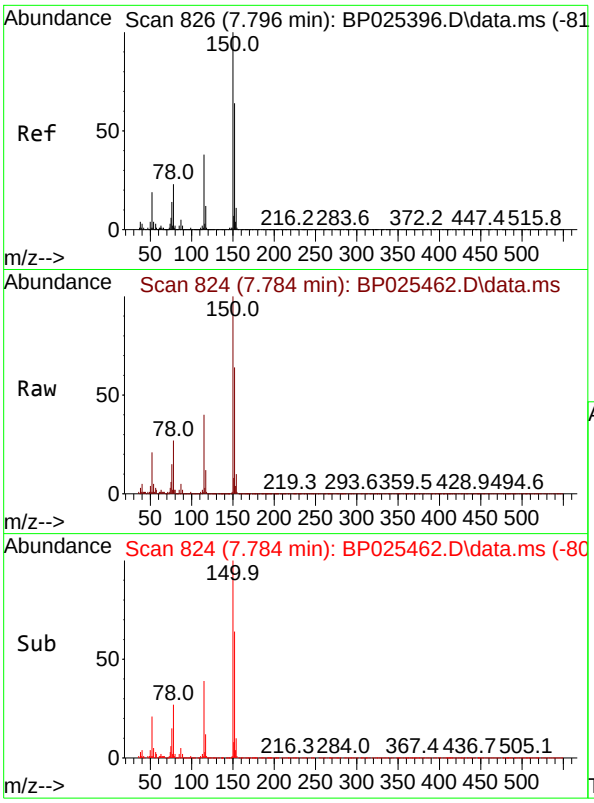
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025462.D
Acq On : 18 Aug 2025 15:31
Operator : CG/JU
Sample : Q2853-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TR-05-081325

Quant Time: Aug 18 15:48:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



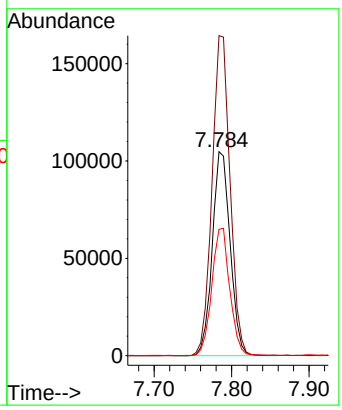


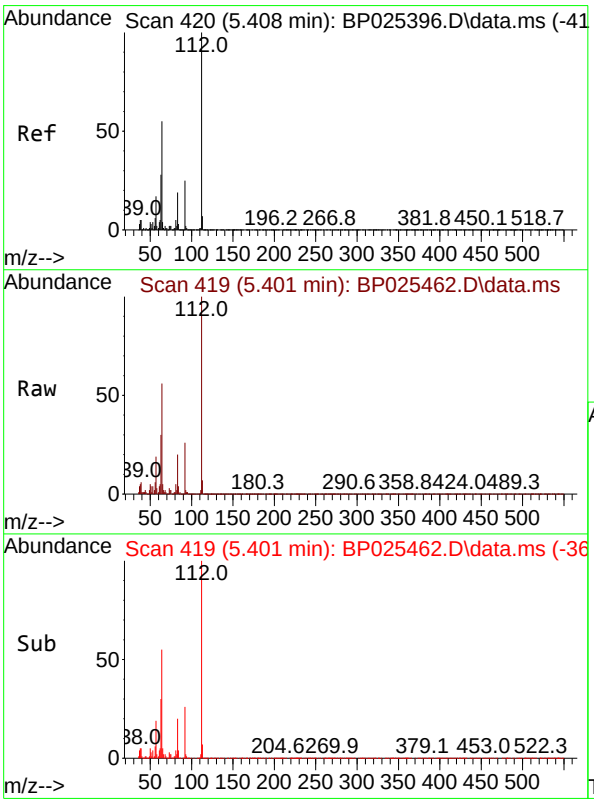

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP025462.D
Acq: 18 Aug 2025 15:31

**Instrument :**
BNA_P
**ClientSampleId :**
TR-05-081325

Tgt Ion:152 Resp: 168064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.9 | 125.9 | 188.9 |
| 115 | 62.0 | 48.5 | 72.7 |

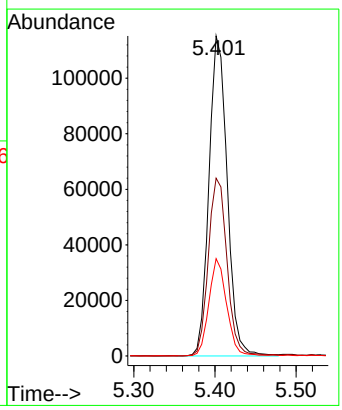


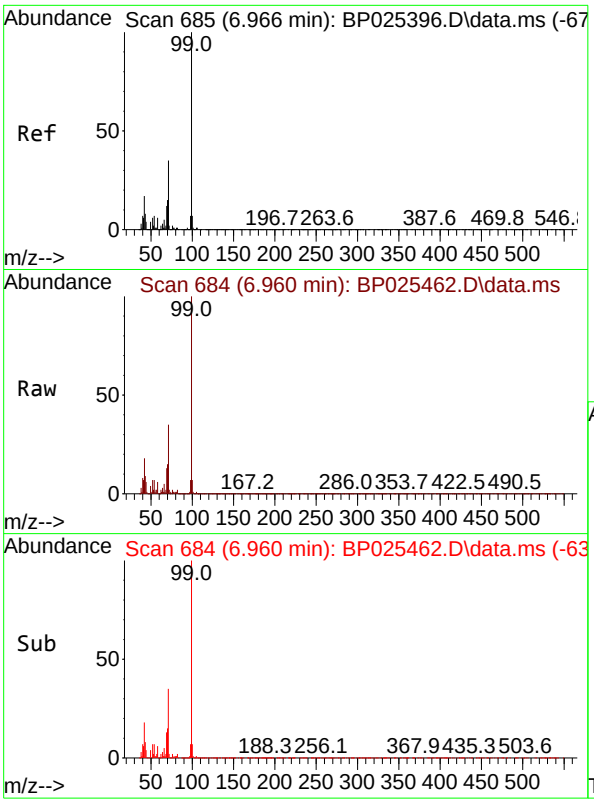




#5
2-Fluorophenol
Concen: 17.758 ng
RT: 5.401 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025462.D
Acq: 18 Aug 2025 15:31

Tgt Ion:112 Resp: 179708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.5 | 43.8 | 65.8 |
| 63 | 30.4 | 22.7 | 34.1 |



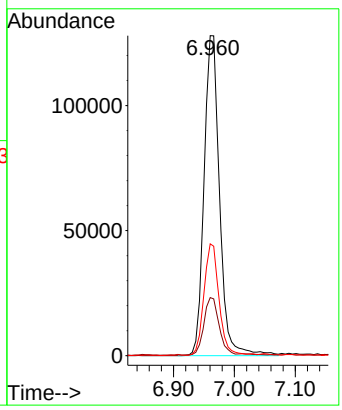


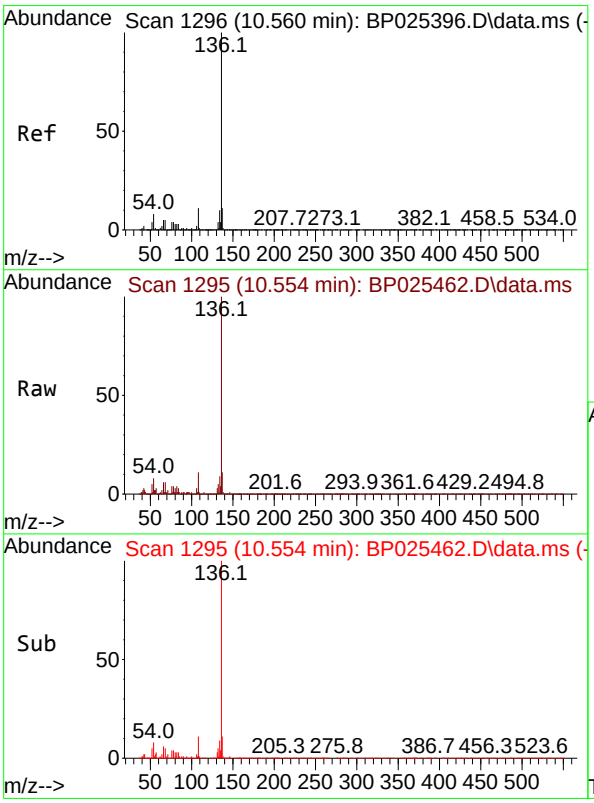

#7
Phenol-d6
Concen: 17.494 ng
RT: 6.960 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025462.D
Acq: 18 Aug 2025 15:31

**Instrument :**
BNA_P
**ClientSampleId :**
TR-05-081325

Tgt Ion: 99 Resp: 226980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.2 | 13.7 | 20.5 |
| 71 | 34.9 | 28.2 | 42.4 |

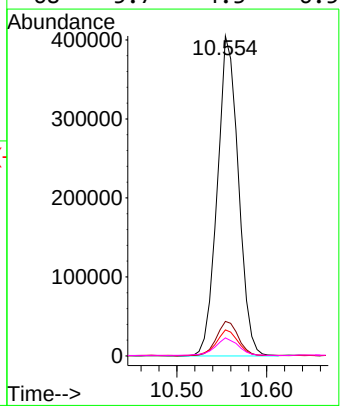


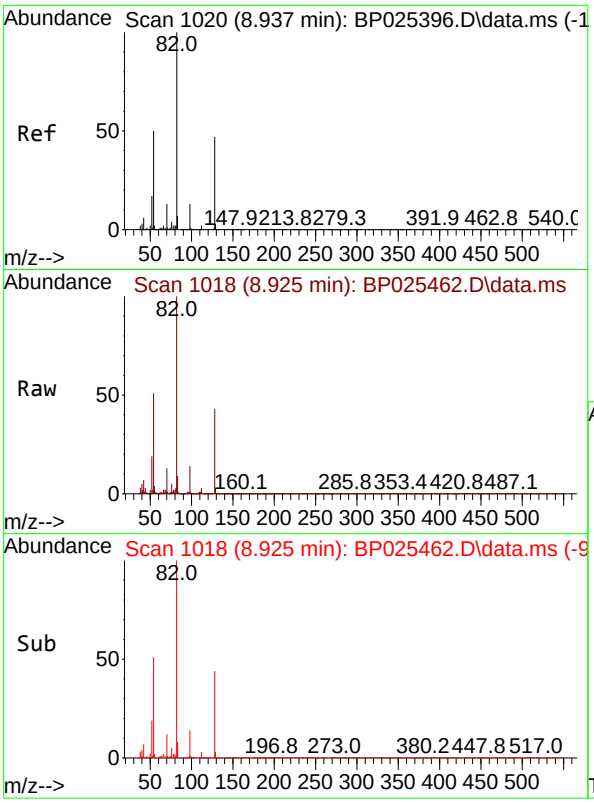




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025462.D
Acq: 18 Aug 2025 15:31

Tgt Ion:136 Resp: 660528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 9.2 | 13.8 |
| 54 | 8.2 | 6.0 | 9.0 |
| 68 | 5.7 | 4.3 | 6.5 |



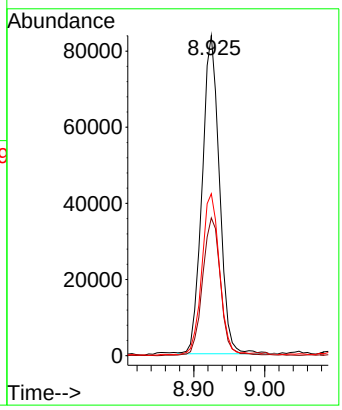


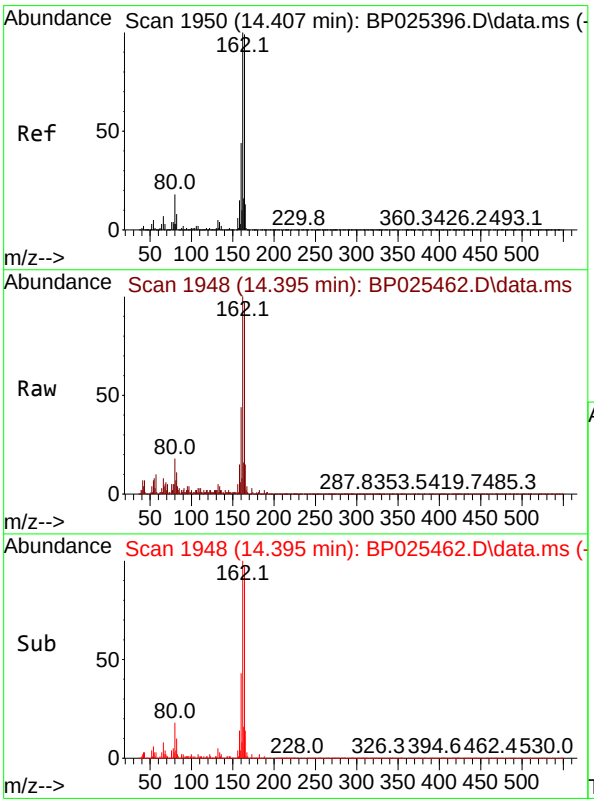

#23
Nitrobenzene-d5
Concen: 10.857 ng
RT: 8.925 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025462.D
Acq: 18 Aug 2025 15:31

**Instrument :**
BNA_P
**ClientSampleId :**
TR-05-081325

Tgt Ion: 82 Resp: 141768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.1 | 37.7 | 56.5 |
| 54 | 50.6 | 39.8 | 59.6 |

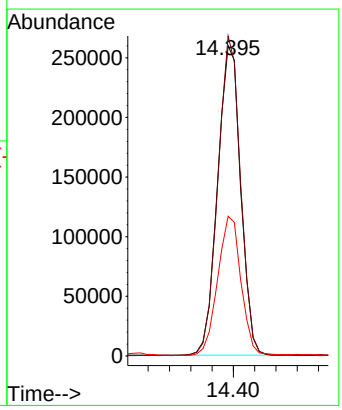


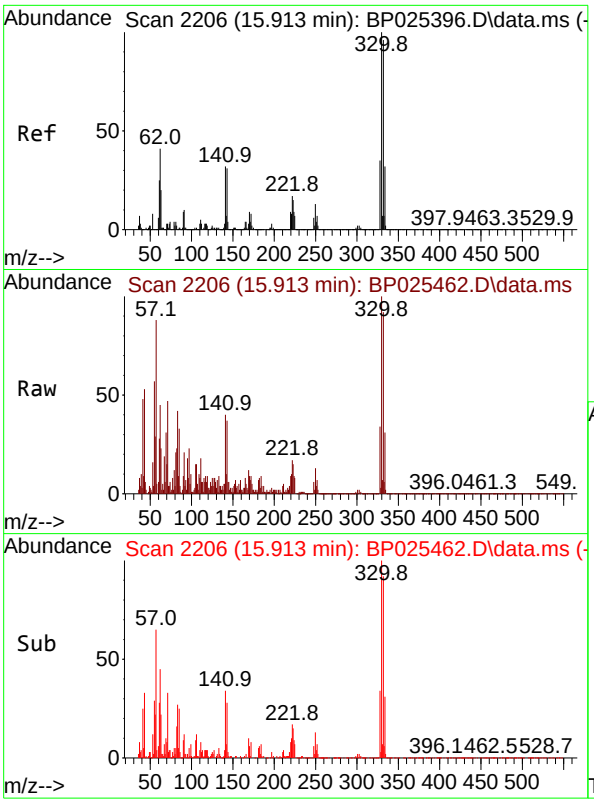




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025462.D
Acq: 18 Aug 2025 15:31

Tgt Ion:164 Resp: 389521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.1 | 81.0 | 121.6 |
| 160 | 45.0 | 35.4 | 53.2 |



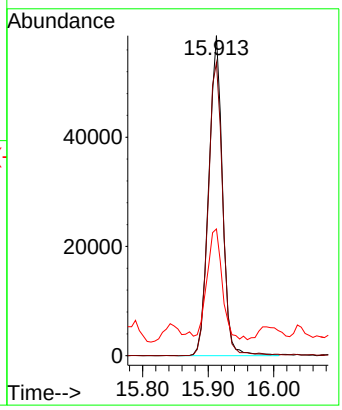


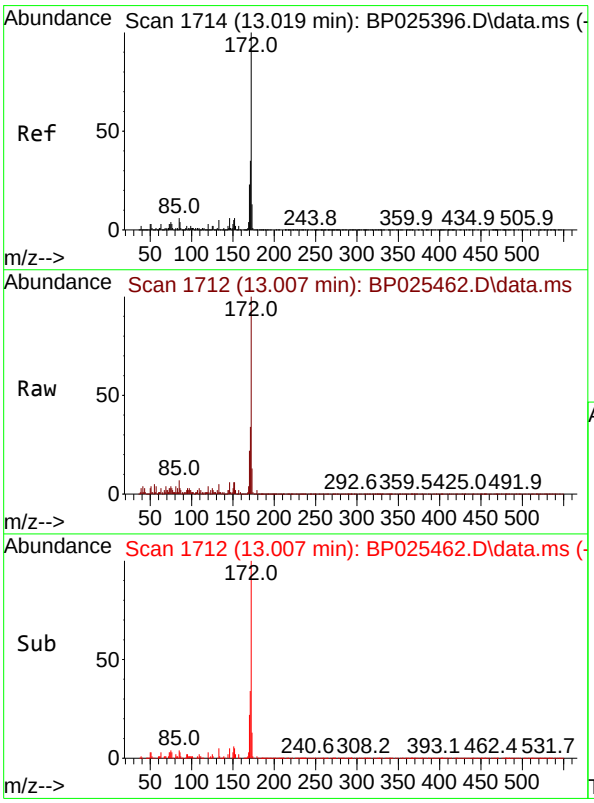

#42
2,4,6-Tribromophenol
Concen: 16.308 ng
RT: 15.913 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025462.D
Acq: 18 Aug 2025 15:31

**Instrument :**
BNA_P
**ClientSampleId :**
TR-05-081325

Tgt Ion:330 Resp: 85504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.1 | 77.3 | 115.9 |
| 141 | 38.2 | 26.6 | 39.8 |

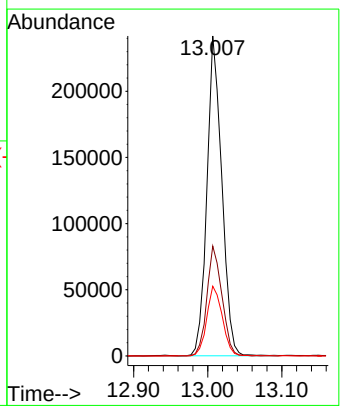


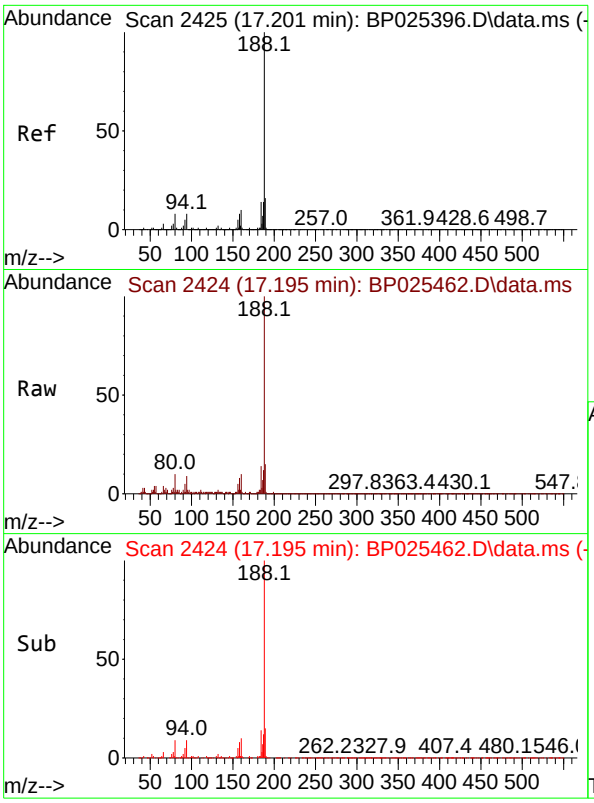




#45
2-Fluorobiphenyl
Concen: 11.808 ng
RT: 13.007 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP025462.D
Acq: 18 Aug 2025 15:31

Tgt Ion:172 Resp: 336550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.3 | 28.1 | 42.1 |
| 170 | 21.8 | 18.6 | 28.0 |



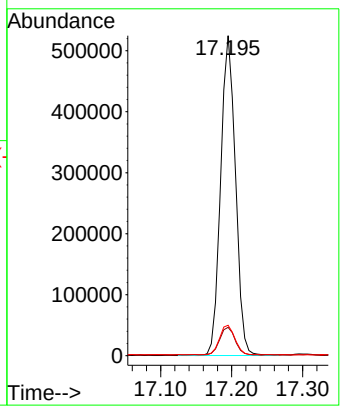


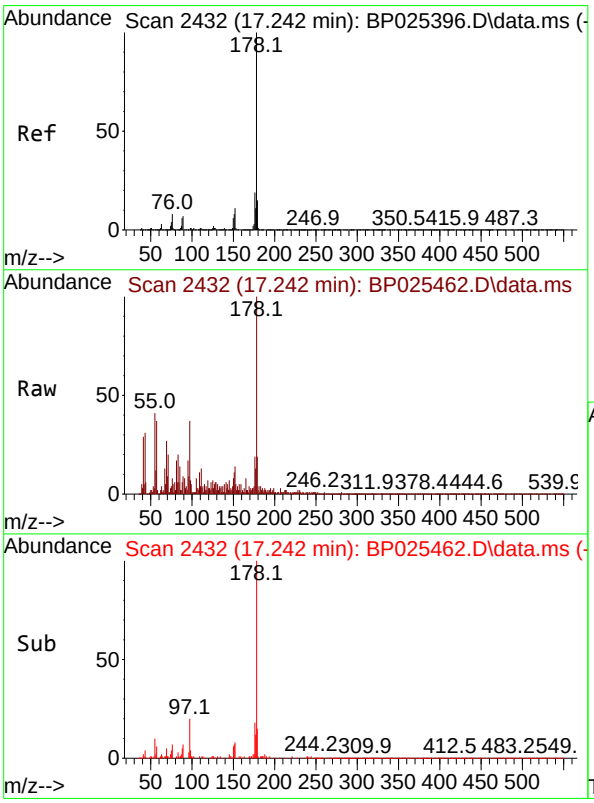

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025462.D
Acq: 18 Aug 2025 15:31

**Instrument :**
BNA_P
**ClientSampleId :**
TR-05-081325

Tgt Ion:188 Resp: 756070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.8 | 6.6 | 10.0 |
| 80 | 9.5 | 6.7 | 10.1 |

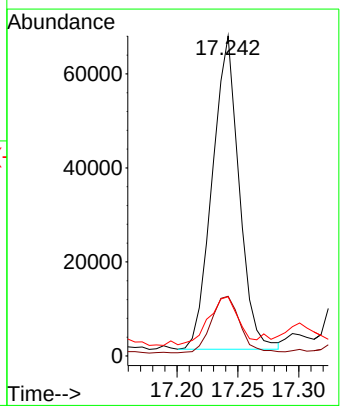


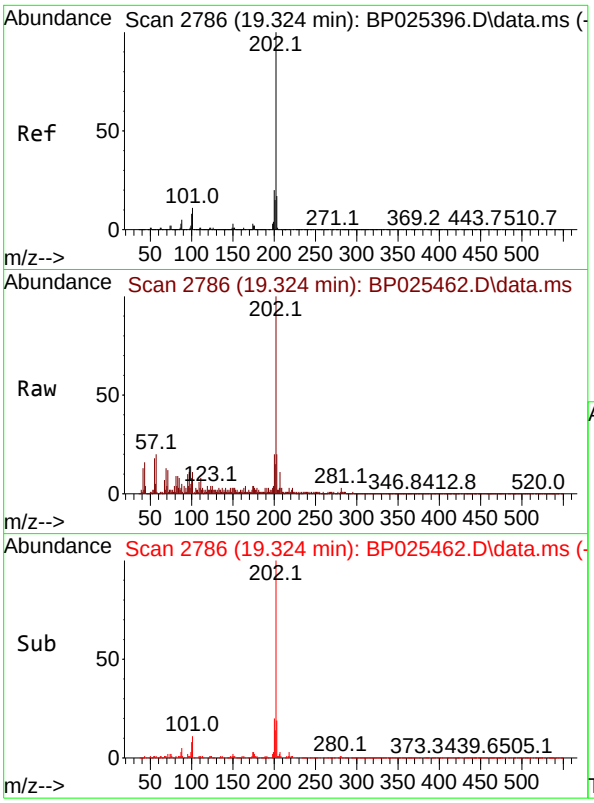




#71
Phenanthrene
Concen: 2.465 ng
RT: 17.242 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BP025462.D
Acq: 18 Aug 2025 15:31

Tgt Ion:178 Resp: 102361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 15.5 | 23.3 |
| 179 | 18.5 | 12.2 | 18.4# |



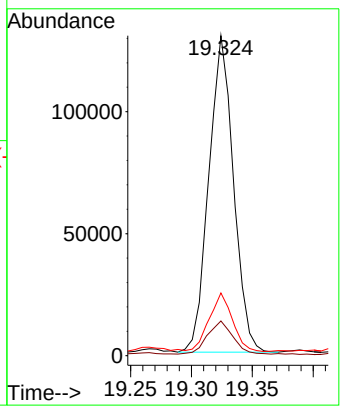


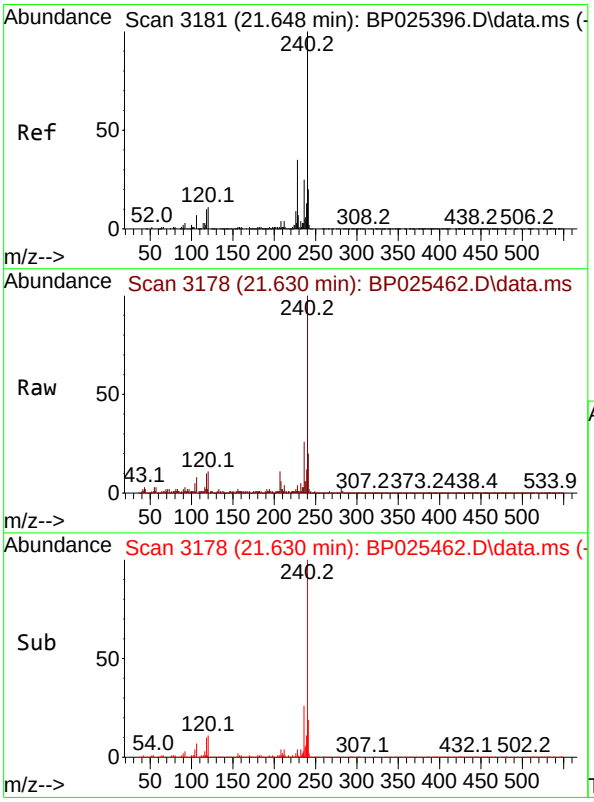

#75
Fluoranthene
Concen: 3.694 ng
RT: 19.324 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025462.D
Acq: 18 Aug 2025 15:31

**Instrument :**
BNA_P
**ClientSampleId :**
TR-05-081325

Tgt Ion:202 Resp: 182997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.9 | 0.0 | 31.1 |
| 203 | 19.6 | 0.0 | 37.3 |

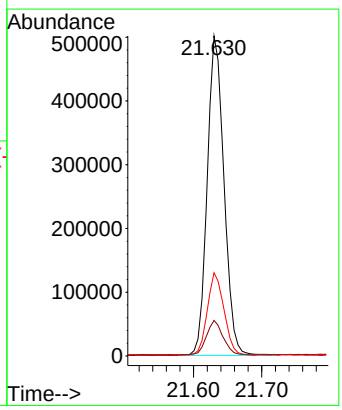


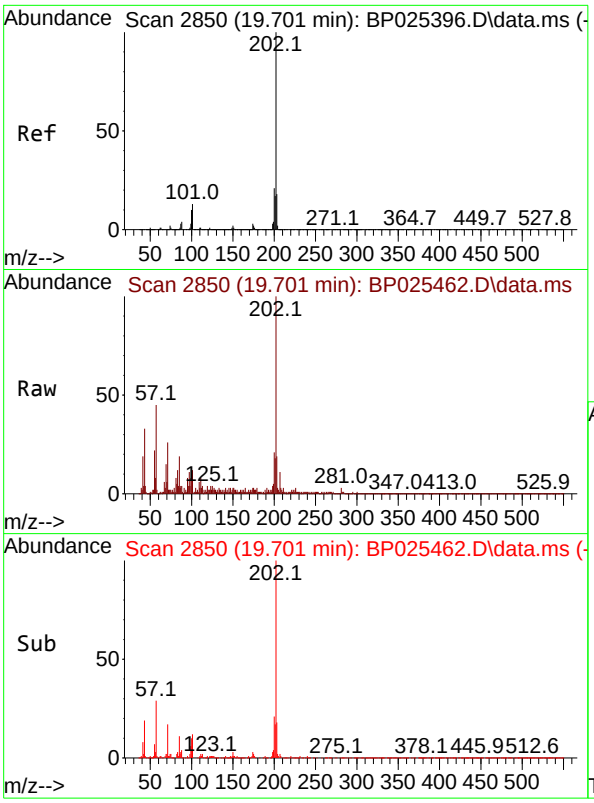




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.018 min
Lab File: BP025462.D
Acq: 18 Aug 2025 15:31

Tgt Ion:240 Resp: 861887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.1 | 8.9 | 13.3 |
| 236 | 26.0 | 19.8 | 29.8 |



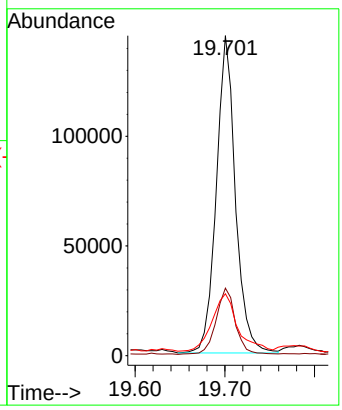


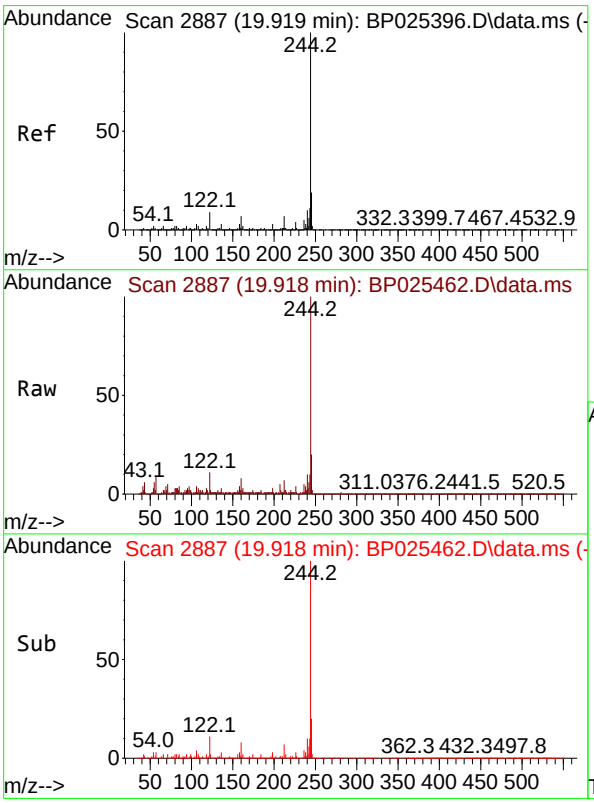

#78
Pyrene
Concen: 3.817 ng
RT: 19.701 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025462.D
Acq: 18 Aug 2025 15:31

**Instrument :**
BNA_P
**ClientSampleId :**
TR-05-081325

Tgt Ion:202 Resp: 213824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.1 | 16.9 | 25.3 |
| 203 | 19.4 | 14.2 | 21.2 |

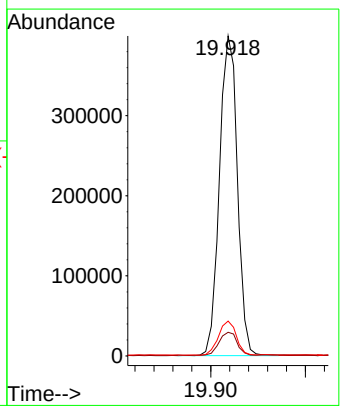


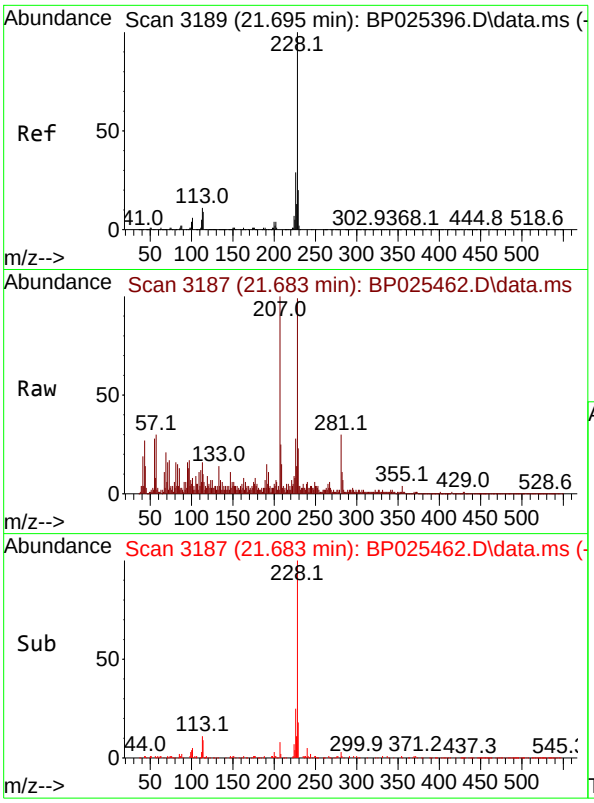




#79
Terphenyl-d14
Concen: 11.168 ng
RT: 19.918 min Scan# 2887
Delta R.T. -0.000 min
Lab File: BP025462.D
Acq: 18 Aug 2025 15:31

Tgt Ion:244 Resp: 526117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.4 | 5.8 | 8.6 |
| 122 | 10.9 | 7.4 | 11.2 |



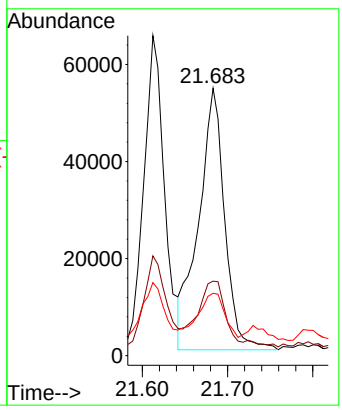


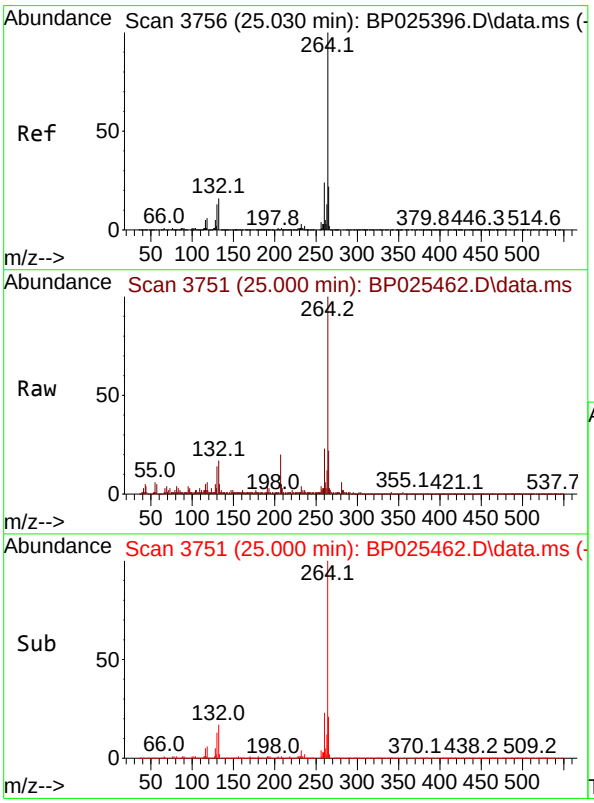

#83
Chrysene
Concen: 2.167 ng
RT: 21.683 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025462.D
Acq: 18 Aug 2025 15:31

**Instrument :**
BNA_P
**ClientSampleId :**
TR-05-081325

Tgt Ion:228 Resp: 115365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.9 | 23.2 | 34.8 |
| 229 | 23.4 | 15.6 | 23.4 |

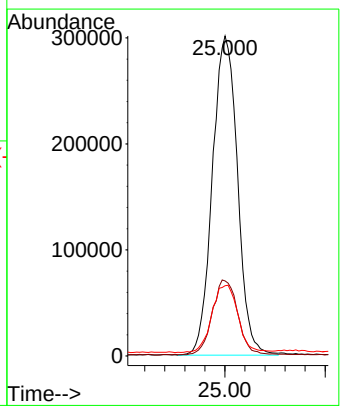


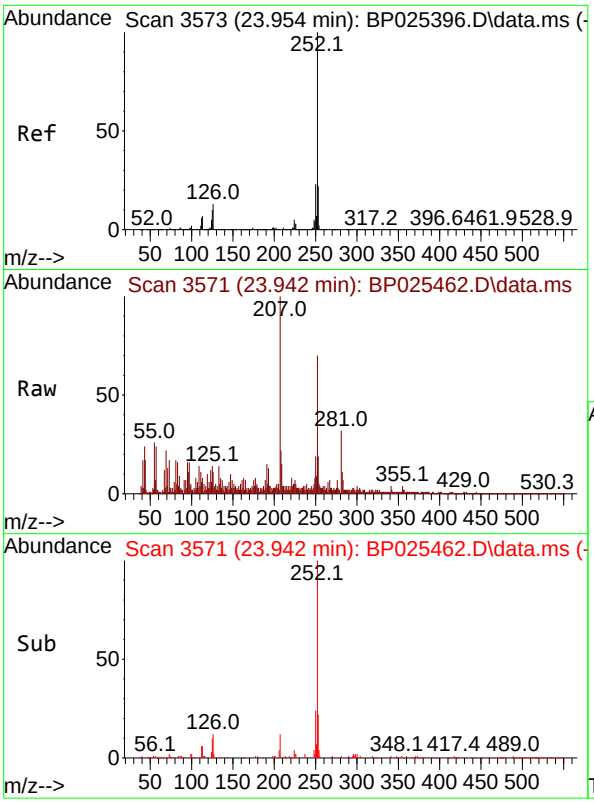




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.000 min Scan# 3751
Delta R.T. -0.030 min
Lab File: BP025462.D
Acq: 18 Aug 2025 15:31

Tgt Ion:264 Resp: 1046150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.4 | 19.3 | 28.9 |
| 265 | 22.0 | 17.4 | 26.0 |



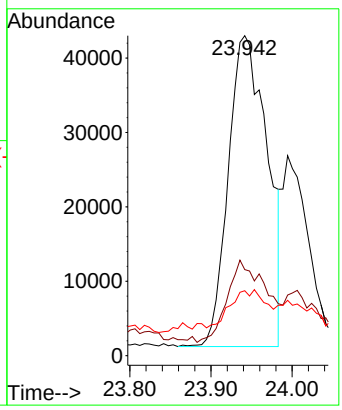


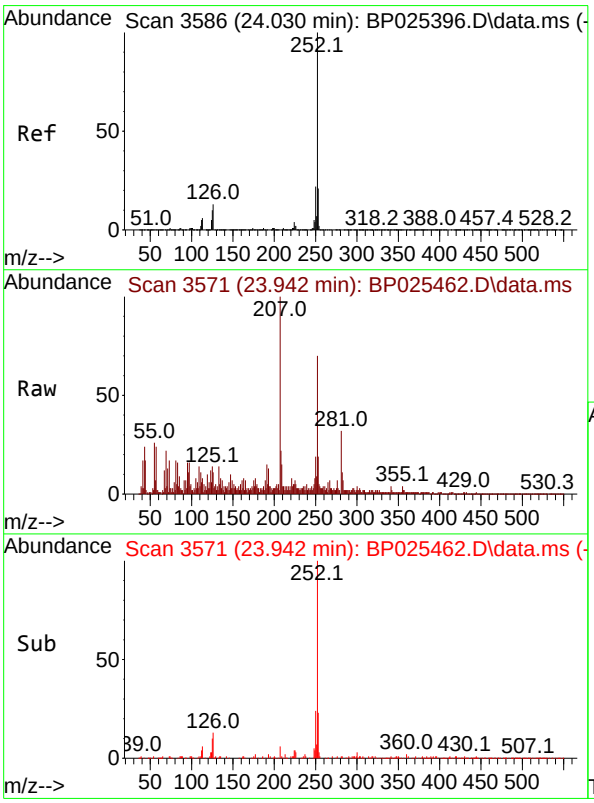

#88
Benzo(b)fluoranthene
Concen: 2.255 ng
RT: 23.942 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025462.D
Acq: 18 Aug 2025 15:31

**Instrument :**
BNA_P
**ClientSampleId :**
TR-05-081325

Tgt Ion:252 Resp: 139116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 26.9 | 17.7 | 26.5# |
| 125 | 20.3 | 7.9 | 11.9# |




#89
Benzo(k)fluoranthene
Concen: 2.254 ng
RT: 23.942 min Scan# 3571
Delta R.T. -0.089 min
Lab File: BP025462.D
Acq: 18 Aug 2025 15:31

Tgt Ion:252 Resp: 139116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 26.9 | 17.1 | 25.7# |
| 125 | 20.3 | 7.8 | 11.6# |