Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100725\
Data File : BP025950.D
Acq On : 07 Oct 2025 20:02
Operator : RC/JU
Sample : Q3295-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EO-01-10062025

Quant Time: Oct 08 01:22:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 19:16:54 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.737 | 152 | 212597 | 20.000 | ng | | -0.02 |
| 21) Naphthalene-d8 | 10.502 | 136 | 757874 | 20.000 | ng | | -0.02 |
| 39) Acenaphthene-d10 | 14.354 | 164 | 418686 | 20.000 | ng | | -0.02 |
| 64) Phenanthrene-d10 | 17.148 | 188 | 713670 | 20.000 | ng | | -0.04 |
| 76) Chrysene-d12 | 21.601 | 240 | 872108 | 20.000 | ng | | -0.04 |
| 86) Perylene-d12 | 24.966 | 264 | 1031660 | 20.000 | ng | | -0.04 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.384 | 112 | 212690 | 16.143 | ng | | 0.00 |
| 7) Phenol-d6 | 6.955 | 99 | 243864 | 13.925 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.890 | 82 | 160887 | 9.364 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.878 | 330 | 76293 | 14.609 | ng | | -0.03 |
| 45) 2-Fluorobiphenyl | 12.960 | 172 | 352861 | 11.222 | ng | | -0.03 |
| 79) Terphenyl-d14 | 19.878 | 244 | 519449 | 10.715 | ng | | -0.04 |
| Target Compounds | | | | | | | Qvalue |
| 71) Phenanthrene | 17.195 | 178 | 146905 | 3.629 | ng | | 99 |
| 75) Fluoranthene | 19.289 | 202 | 217024 | 4.470 | ng | | 96 |
| 78) Pyrene | 19.666 | 202 | 213574 | 3.670 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.583 | 228 | 137788 | 2.308 | ng | | 96 |
| 83) Chrysene | 21.654 | 228 | 131914 | 2.318 | ng | | 96 |
| 88) Benzo(b)fluoranthene | 23.895 | 252 | 148949 | 2.361 | ng | # | 88 |

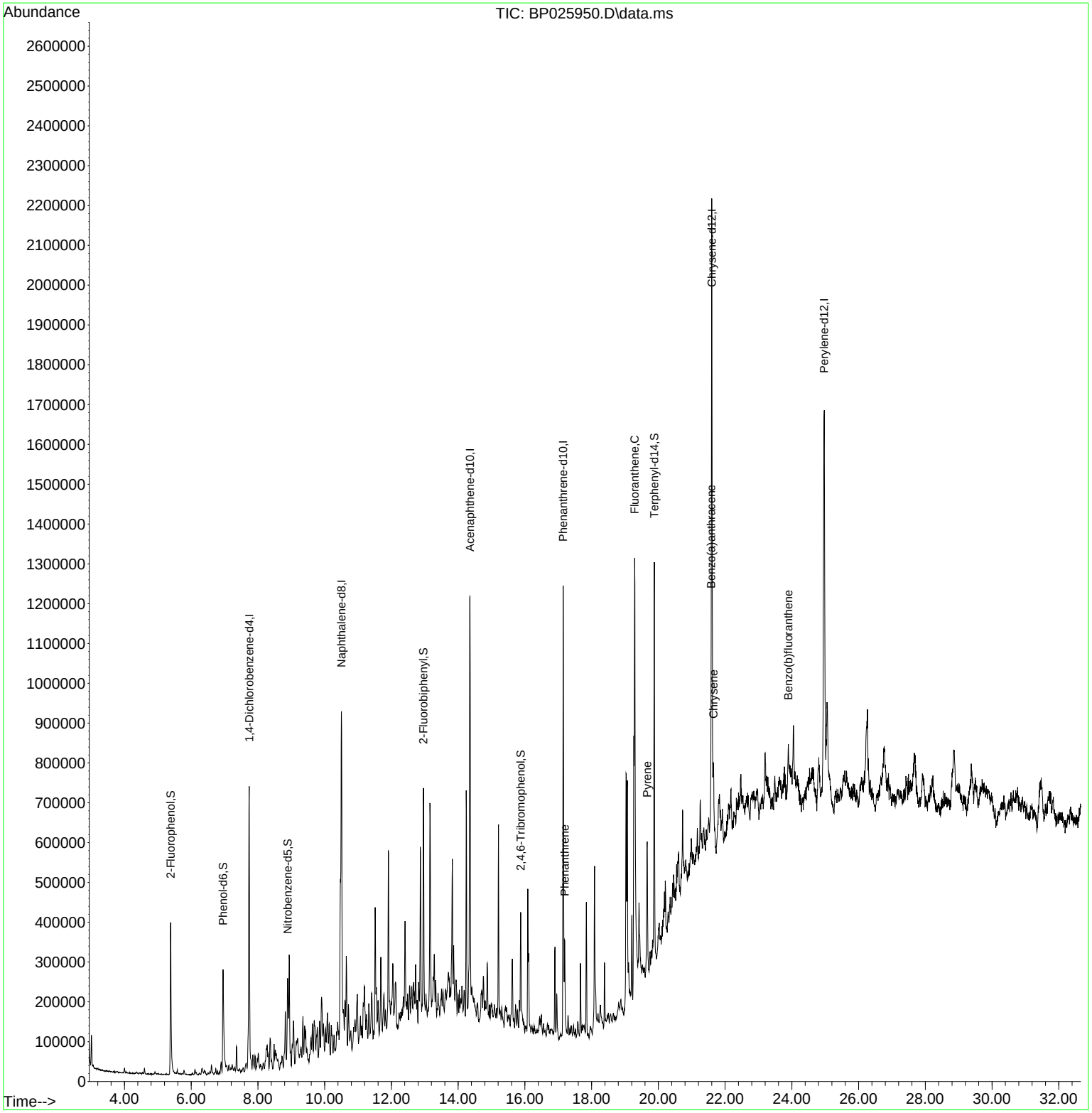
(#) = qualifier out of range (m) = manual integration (+) = signals summed

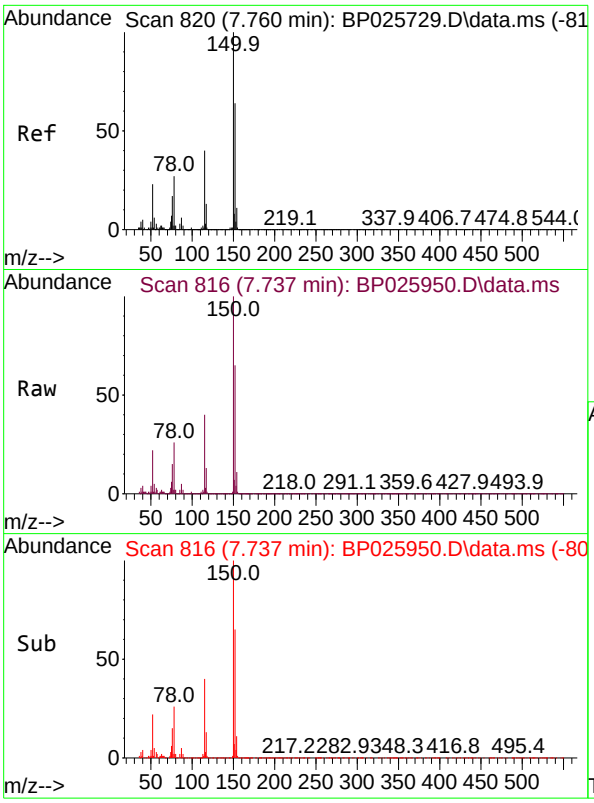
Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100725\
Data File : BP025950.D
Acq On : 07 Oct 2025 20:02
Operator : RC/JU
Sample : Q3295-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EO-01-10062025

Quant Time: Oct 08 01:22:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 19:16:54 2025
Response via : Initial Calibration



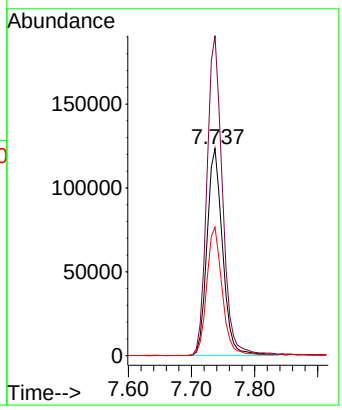


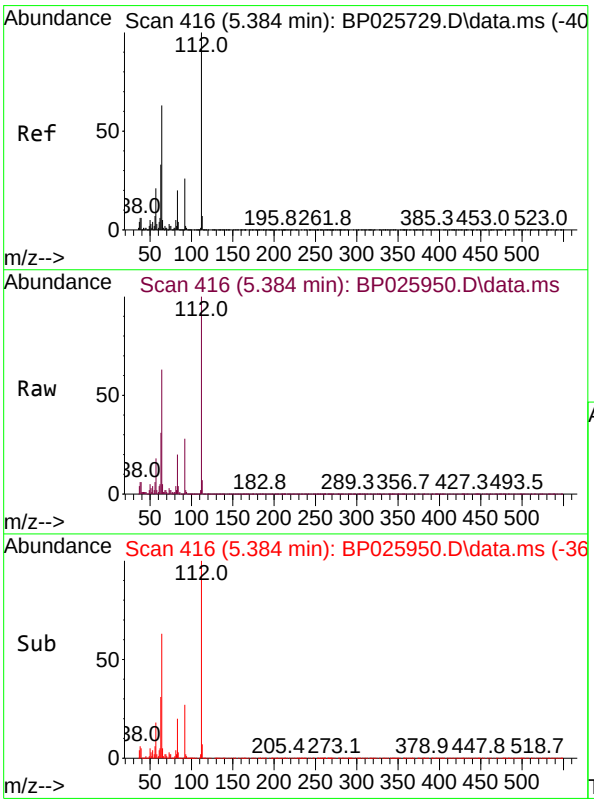

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.737 min Scan# 81
Delta R.T. -0.023 min
Lab File: BP025950.D
Acq: 07 Oct 2025 20:02

**Instrument :**
BNA_P
**ClientSampleId :**
EO-01-10062025

Tgt Ion:152 Resp: 212597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.5 | 124.3 | 186.5 |
| 115 | 62.0 | 50.3 | 75.5 |

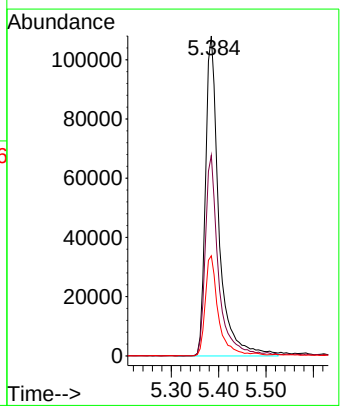


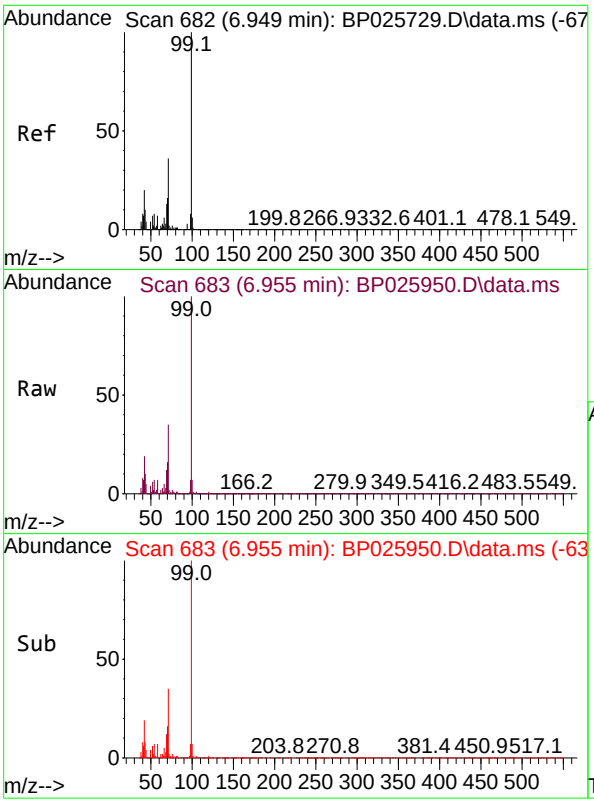




#5
2-Fluorophenol
Concen: 16.143 ng
RT: 5.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP025950.D
Acq: 07 Oct 2025 20:02

Tgt Ion:112 Resp: 212690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 62.7 | 50.2 | 75.4 |
| 63 | 31.3 | 26.7 | 40.1 |



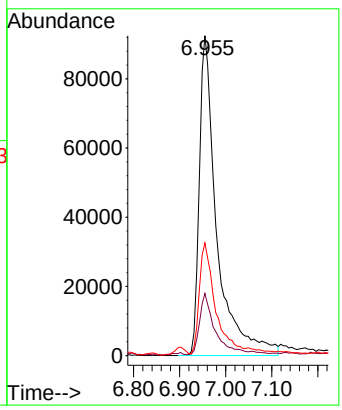


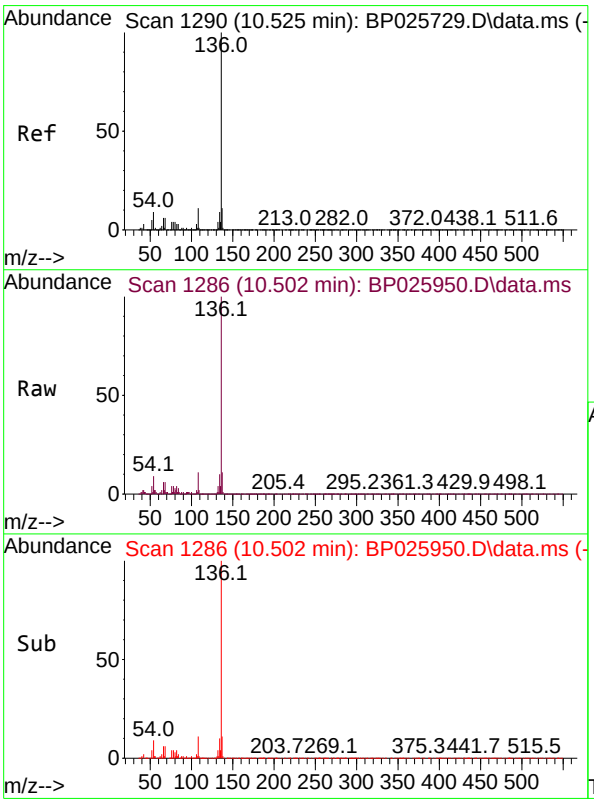

#7
Phenol-d6
Concen: 13.925 ng
RT: 6.955 min Scan# 68
Delta R.T. 0.006 min
Lab File: BP025950.D
Acq: 07 Oct 2025 20:02

**Instrument :**
BNA_P
**ClientSampleId :**
EO-01-10062025

Tgt Ion: 99 Resp: 243864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.4 | 15.6 | 23.4 |
| 71 | 35.2 | 28.6 | 43.0 |

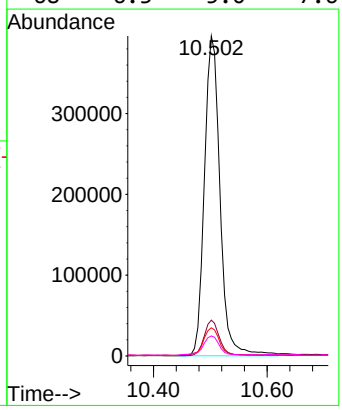


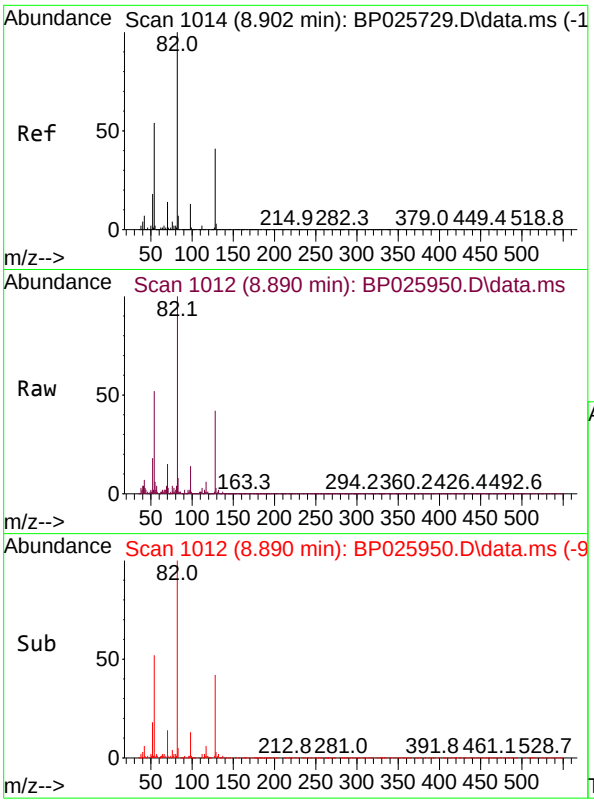




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.502 min Scan# 1286
Delta R.T. -0.023 min
Lab File: BP025950.D
Acq: 07 Oct 2025 20:02

Tgt Ion:136 Resp: 757874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.7 | 13.1 |
| 54 | 8.8 | 7.5 | 11.3 |
| 68 | 6.3 | 5.0 | 7.6 |



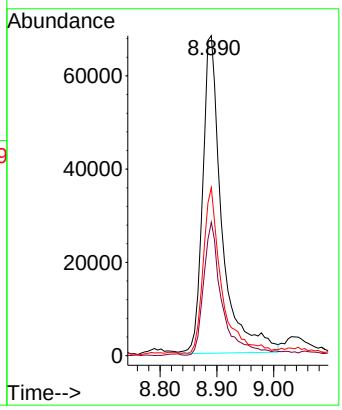


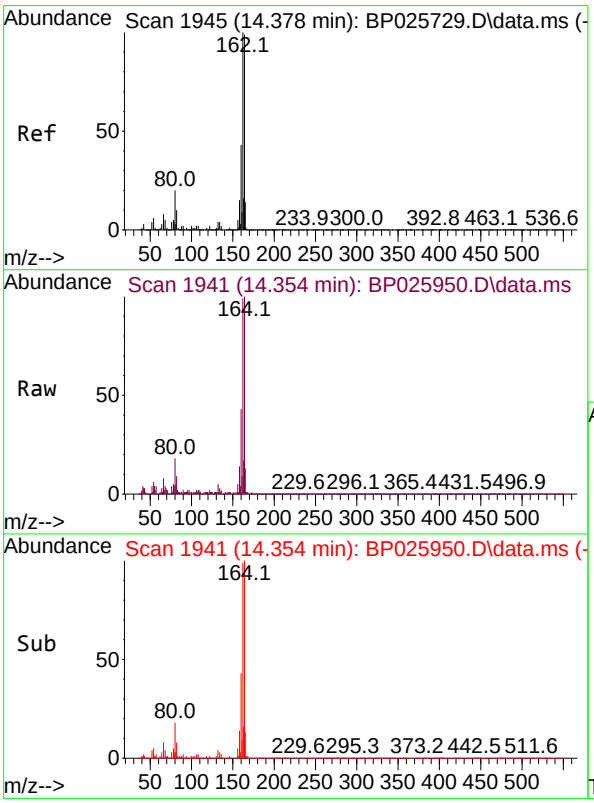

#23
Nitrobenzene-d5
Concen: 9.364 ng
RT: 8.890 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025950.D
Acq: 07 Oct 2025 20:02

**Instrument :**
BNA_P
**ClientSampleId :**
EO-01-10062025

Tgt Ion: 82 Resp: 160887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.7 | 32.9 | 49.3 |
| 54 | 52.5 | 43.4 | 65.2 |

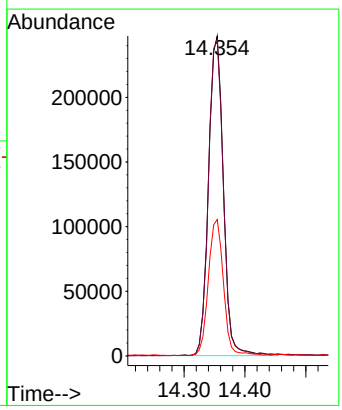


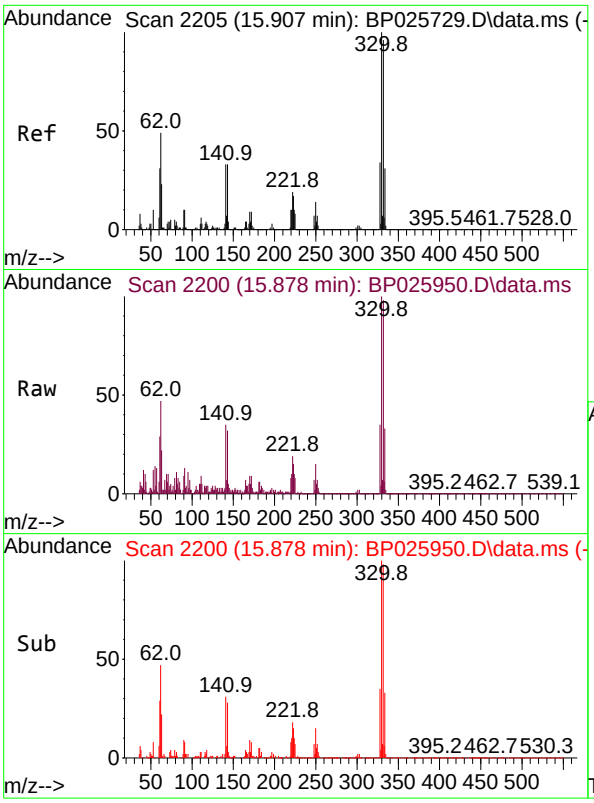




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.354 min Scan# 1941
Delta R.T. -0.023 min
Lab File: BP025950.D
Acq: 07 Oct 2025 20:02

Tgt Ion:164 Resp: 418686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.6 | 80.6 | 120.8 |
| 160 | 42.6 | 35.0 | 52.6 |



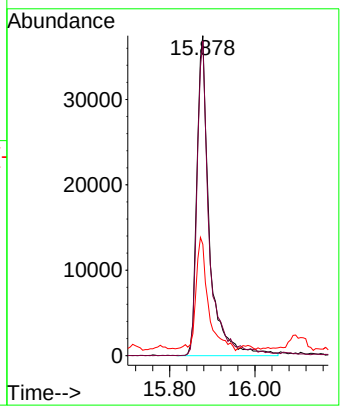


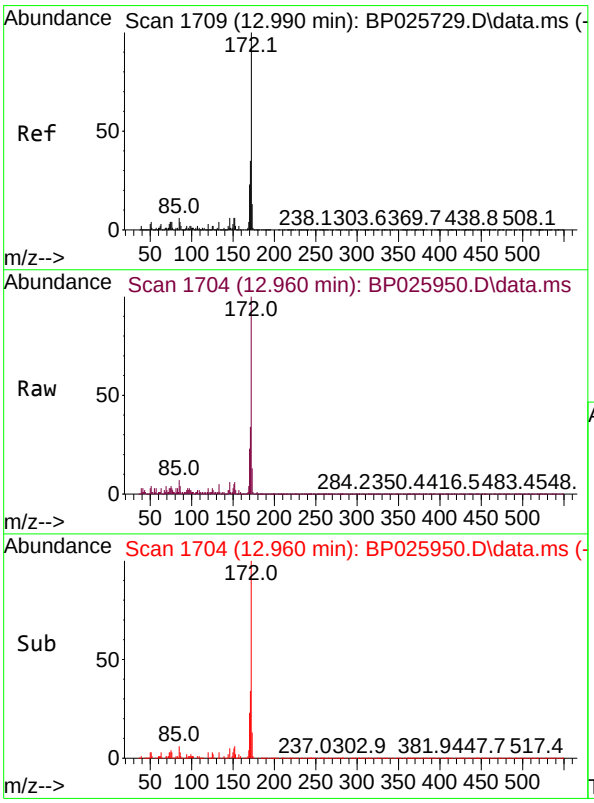

#42
2,4,6-Tribromophenol
Concen: 14.609 ng
RT: 15.878 min Scan# 2
Delta R.T. -0.029 min
Lab File: BP025950.D
Acq: 07 Oct 2025 20:02

**Instrument :**
BNA_P
**ClientSampleId :**
EO-01-10062025

Tgt Ion:330 Resp: 76293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.8 | 76.9 | 115.3 |
| 141 | 35.3 | 31.0 | 46.4 |

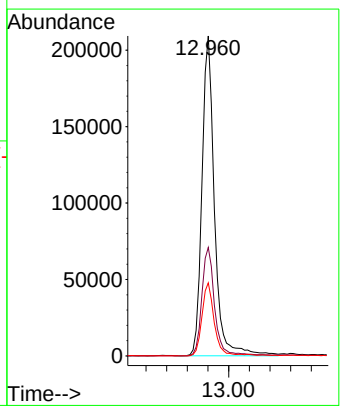


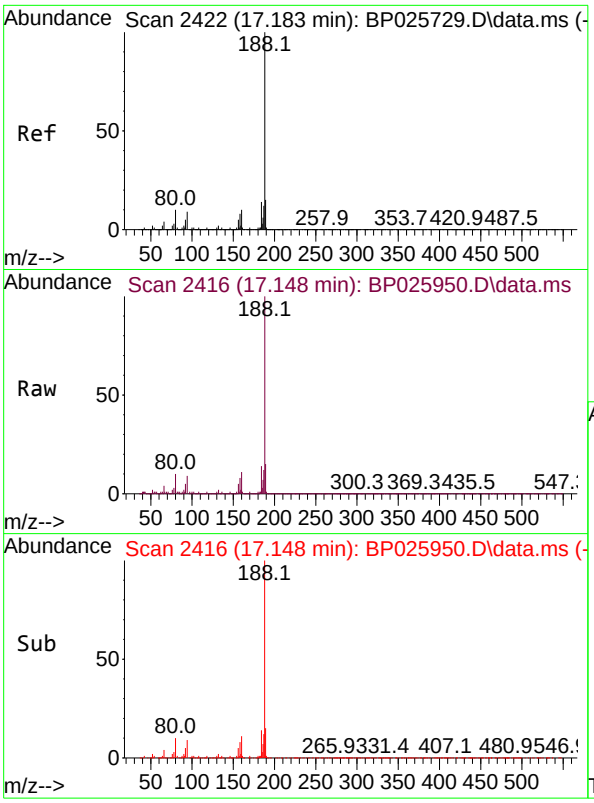




#45
2-Fluorobiphenyl
Concen: 11.222 ng
RT: 12.960 min Scan# 1704
Delta R.T. -0.029 min
Lab File: BP025950.D
Acq: 07 Oct 2025 20:02

Tgt Ion:172 Resp: 352861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 33.9 | 27.8 | 41.6 |
| 170 | 22.8 | 18.6 | 27.8 |



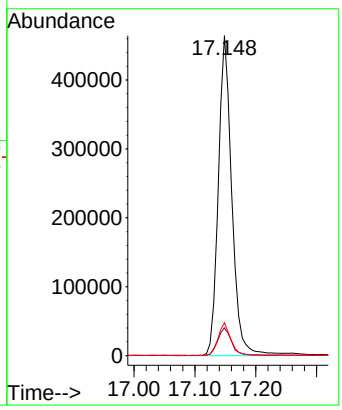


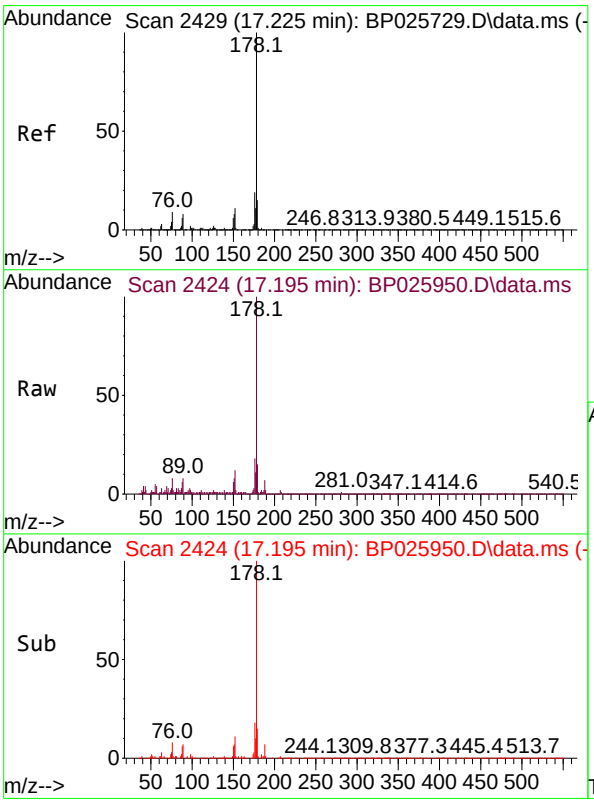

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.148 min Scan# 24
Delta R.T. -0.035 min
Lab File: BP025950.D
Acq: 07 Oct 2025 20:02

**Instrument :**
BNA_P
**ClientSampleId :**
EO-01-10062025

Tgt Ion:188 Resp: 713670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.7 | 7.4 | 11.0 |
| 80 | 10.3 | 7.7 | 11.5 |

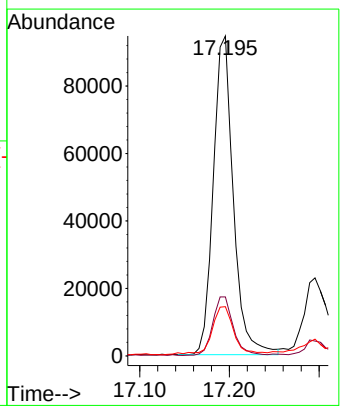


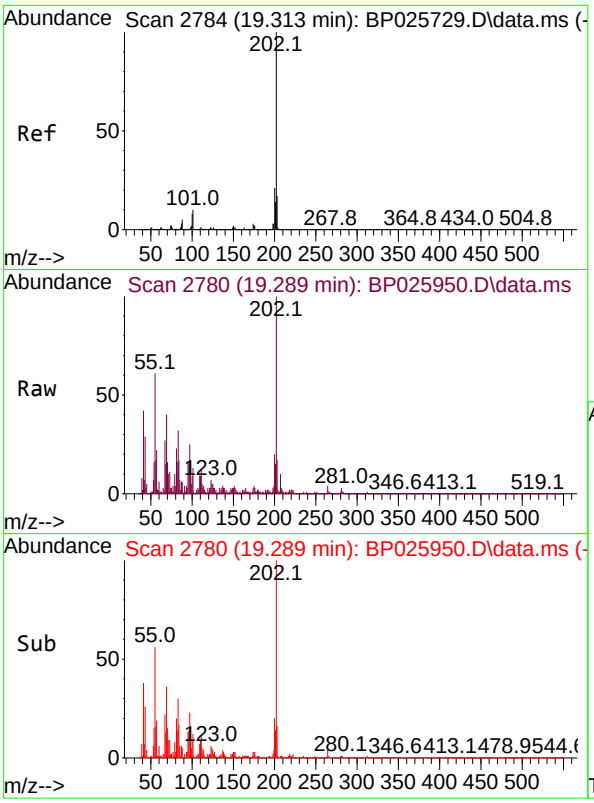




#71
Phenanthrene
Concen: 3.629 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.029 min
Lab File: BP025950.D
Acq: 07 Oct 2025 20:02

Tgt Ion:178 Resp: 146905

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



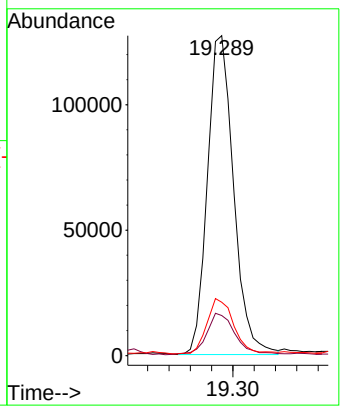


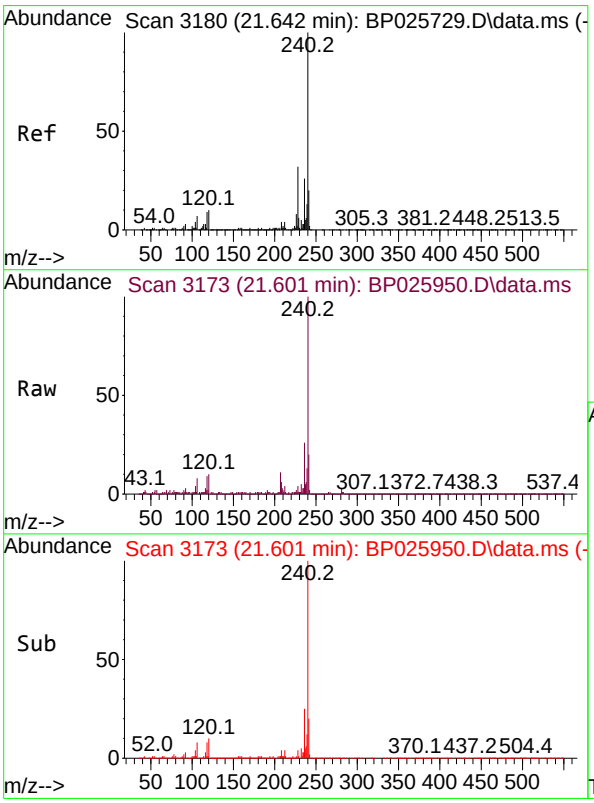

#75
Fluoranthene
Concen: 4.470 ng
RT: 19.289 min Scan# 2
Delta R.T. -0.023 min
Lab File: BP025950.D
Acq: 07 Oct 2025 20:02

**Instrument :**
BNA_P
**ClientSampleId :**
EO-01-10062025

Tgt Ion:202 Resp: 217024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.8 | 0.0 | 30.4 |
| 203 | 16.7 | 0.0 | 37.4 |

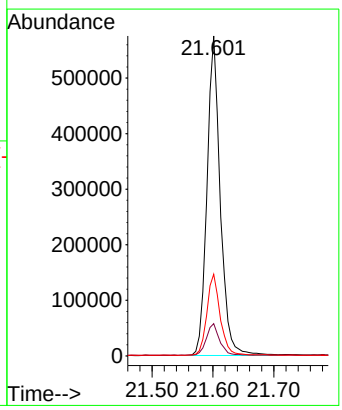


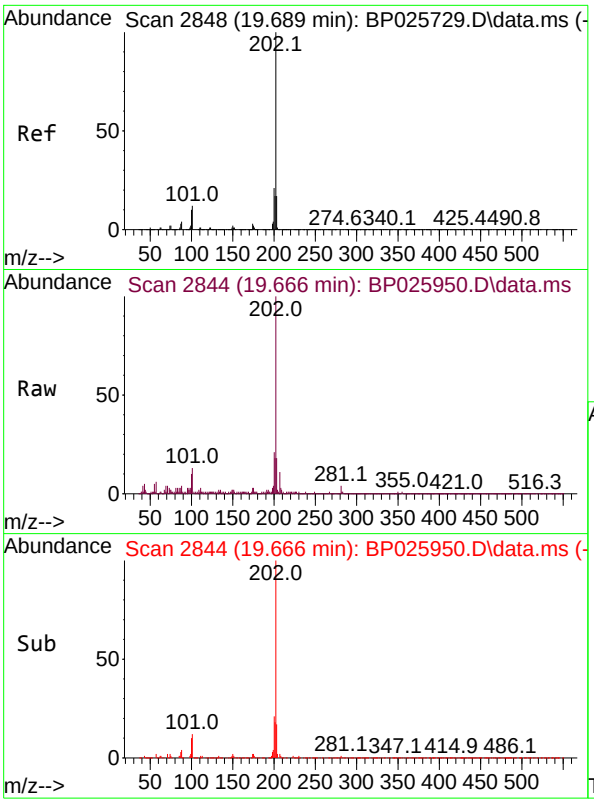




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.601 min Scan# 3173
Delta R.T. -0.041 min
Lab File: BP025950.D
Acq: 07 Oct 2025 20:02

Tgt Ion:240 Resp: 872108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.1 | 8.0 | 12.0 |
| 236 | 25.5 | 20.7 | 31.1 |



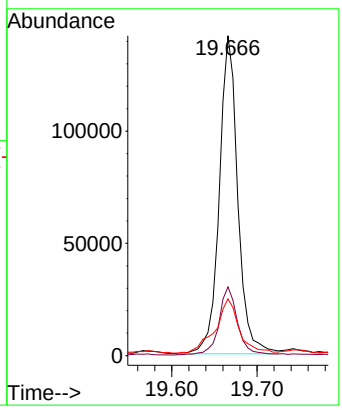


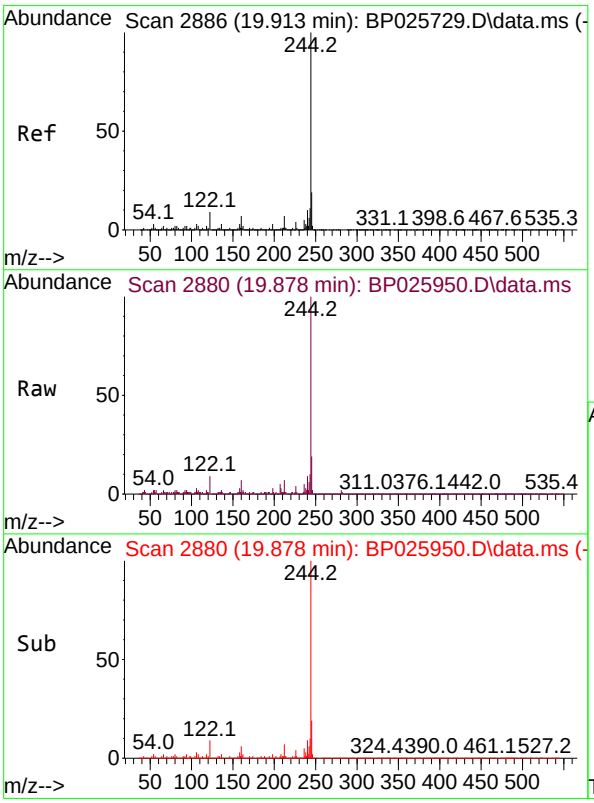

#78
Pyrene
Concen: 3.670 ng
RT: 19.666 min Scan# 2
Delta R.T. -0.023 min
Lab File: BP025950.D
Acq: 07 Oct 2025 20:02

**Instrument :**
BNA_P
**ClientSampleId :**
EO-01-10062025

Tgt Ion:202 Resp: 213574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.5 | 17.0 | 25.6 |
| 203 | 17.7 | 13.9 | 20.9 |

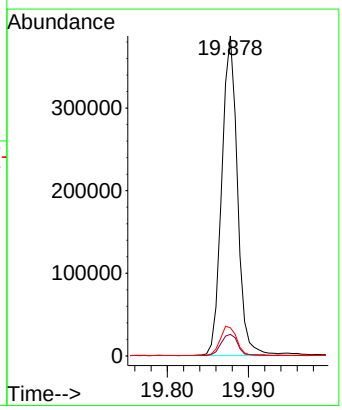


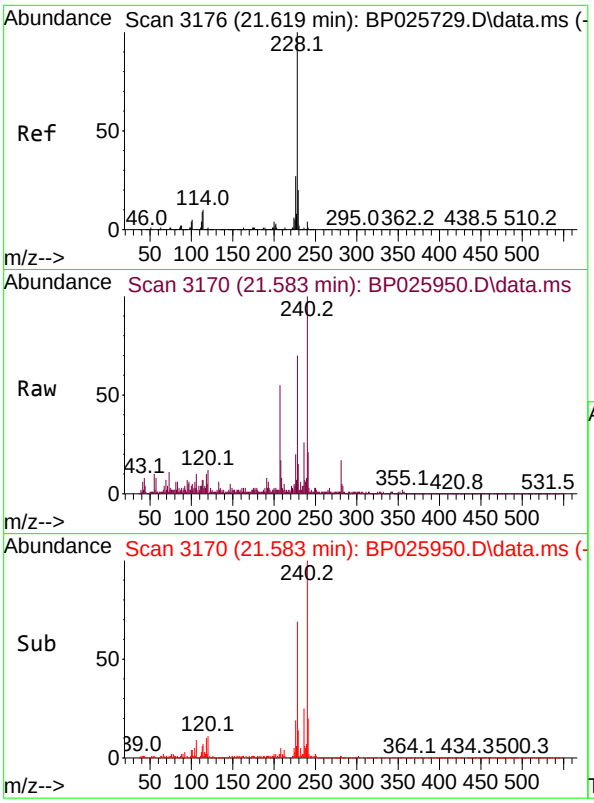




#79
Terphenyl-d14
Concen: 10.715 ng
RT: 19.878 min Scan# 2880
Delta R.T. -0.035 min
Lab File: BP025950.D
Acq: 07 Oct 2025 20:02

Tgt Ion:244 Resp: 519449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.7 | 5.9 | 8.9 |
| 122 | 8.8 | 7.1 | 10.7 |



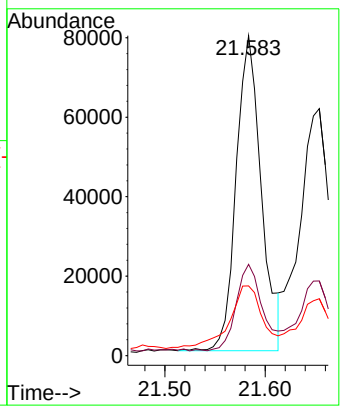


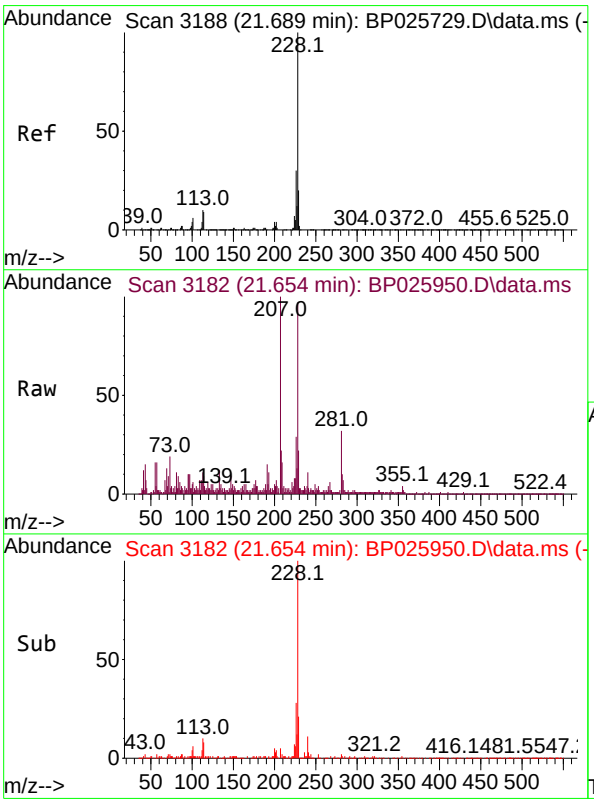

#81
Benzo(a)anthracene
Concen: 2.308 ng
RT: 21.583 min Scan# 31
Delta R.T. -0.035 min
Lab File: BP025950.D
Acq: 07 Oct 2025 20:02

**Instrument :**
BNA_P
**ClientSampleId :**
EO-01-10062025

Tgt Ion:228 Resp: 137788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.5 | 21.6 | 32.4 |
| 229 | 21.8 | 15.7 | 23.5 |

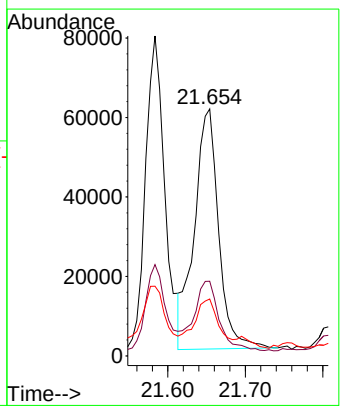


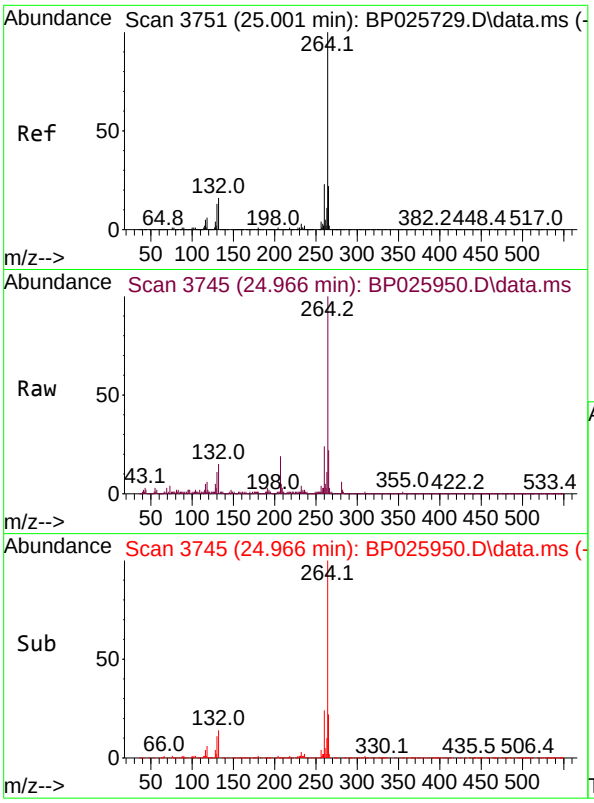




#83
Chrysene
Concen: 2.318 ng
RT: 21.654 min Scan# 3182
Delta R.T. -0.035 min
Lab File: BP025950.D
Acq: 07 Oct 2025 20:02

Tgt Ion:228 Resp: 131914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.3 | 23.8 | 35.6 |
| 229 | 23.0 | 15.6 | 23.4 |



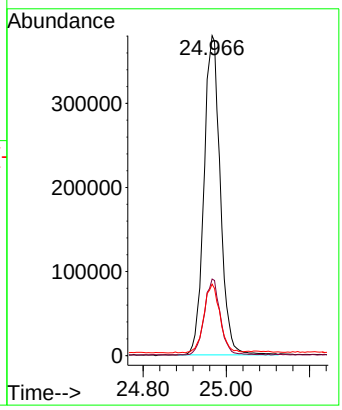


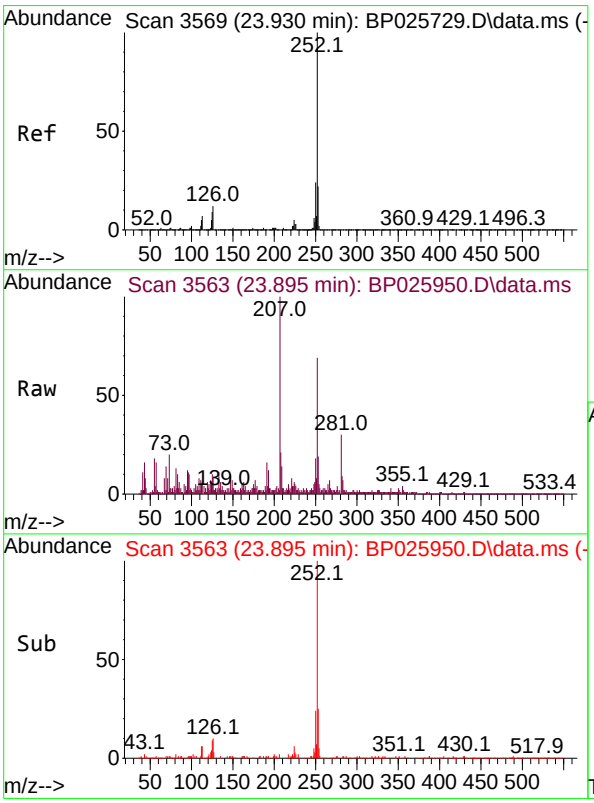

#86
Perylene-d12
Concen: 20.000 ng
RT: 24.966 min Scan# 3
Delta R.T. -0.035 min
Lab File: BP025950.D
Acq: 07 Oct 2025 20:02

**Instrument :**
BNA_P
**ClientSampleId :**
EO-01-10062025

Tgt Ion:264 Resp: 1031660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.0 | 18.3 | 27.5 |
| 265 | 22.3 | 17.3 | 25.9 |




#88
Benzo(b)fluoranthene
Concen: 2.361 ng
RT: 23.895 min Scan# 3563
Delta R.T. -0.035 min
Lab File: BP025950.D
Acq: 07 Oct 2025 20:02

Tgt Ion:252 Resp: 148949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 27.6 | 17.9 | 26.9# |
| 125 | 14.6 | 7.3 | 10.9# |