Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082925\
Data File : BP025635.D
Acq On : 29 Aug 2025 21:34
Operator : CG/JU
Sample : Q2973-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OK-01-082825

Quant Time: Aug 29 22:40:22 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 | 7.772 | 152 | 167720 | 20.000 | ng | | -0.02 |
| 21) Naphthalene-d8 | 10.549 | 136 | 670098 | 20.000 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 14.390 | 164 | 419454 | 20.000 | ng | | -0.02 |
| 64) Phenanthrene-d10 | 17.195 | 188 | 844235 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.630 | 240 | 905599 | 20.000 | ng | | -0.02 |
| 86) Perylene-d12 | 25.007 | 264 | 1061177 | 20.000 | ng | | -0.02 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.396 | 112 | 202998 | 20.100 | ng | | -0.01 |
| 7) Phenol-d6 | 6.967 | 99 | 241302 | 18.636 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.913 | 82 | 160341 | 12.104 | ng | | -0.02 |
| 42) 2,4,6-Tribromophenol | 15.907 | 330 | 113897 | 20.173 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.996 | 172 | 393445 | 12.819 | ng | | -0.02 |
| 79) Terphenyl-d14 | 19.913 | 244 | 677382 | 13.685 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 71) Phenanthrene | 17.237 | 178 | 170930 | 3.686 | ng | | 99 |
| 75) Fluoranthene | 19.319 | 202 | 387021 | 6.996 | ng | | 99 |
| 78) Pyrene | 19.695 | 202 | 467523 | 7.943 | ng | | 100 |
| 81) Benzo(a)anthracene | 21.607 | 228 | 259448 | 4.344 | ng | | 95 |
| 83) Chrysene | 21.607 | 228 | 259448 | 4.639 | ng | | 96 |
| 87) Indeno(1,2,3-cd)pyrene | 28.854 | 276 | 181546 | 2.333 | ng | # | 92 |
| 88) Benzo(b)fluoranthene | 23.942 | 252 | 320572 | 5.123 | ng | # | 86 |
| 89) Benzo(k)fluoranthene | 23.942 | 252 | 320572 | 5.120 | ng | # | 84 |
| 90) Benzo(a)pyrene | 24.848 | 252 | 272922 | 4.481 | ng | # | 90 |
| 92) Benzo(g,h,i)perylene | 30.024 | 276 | 195853 | 3.133 | ng | | 92 |

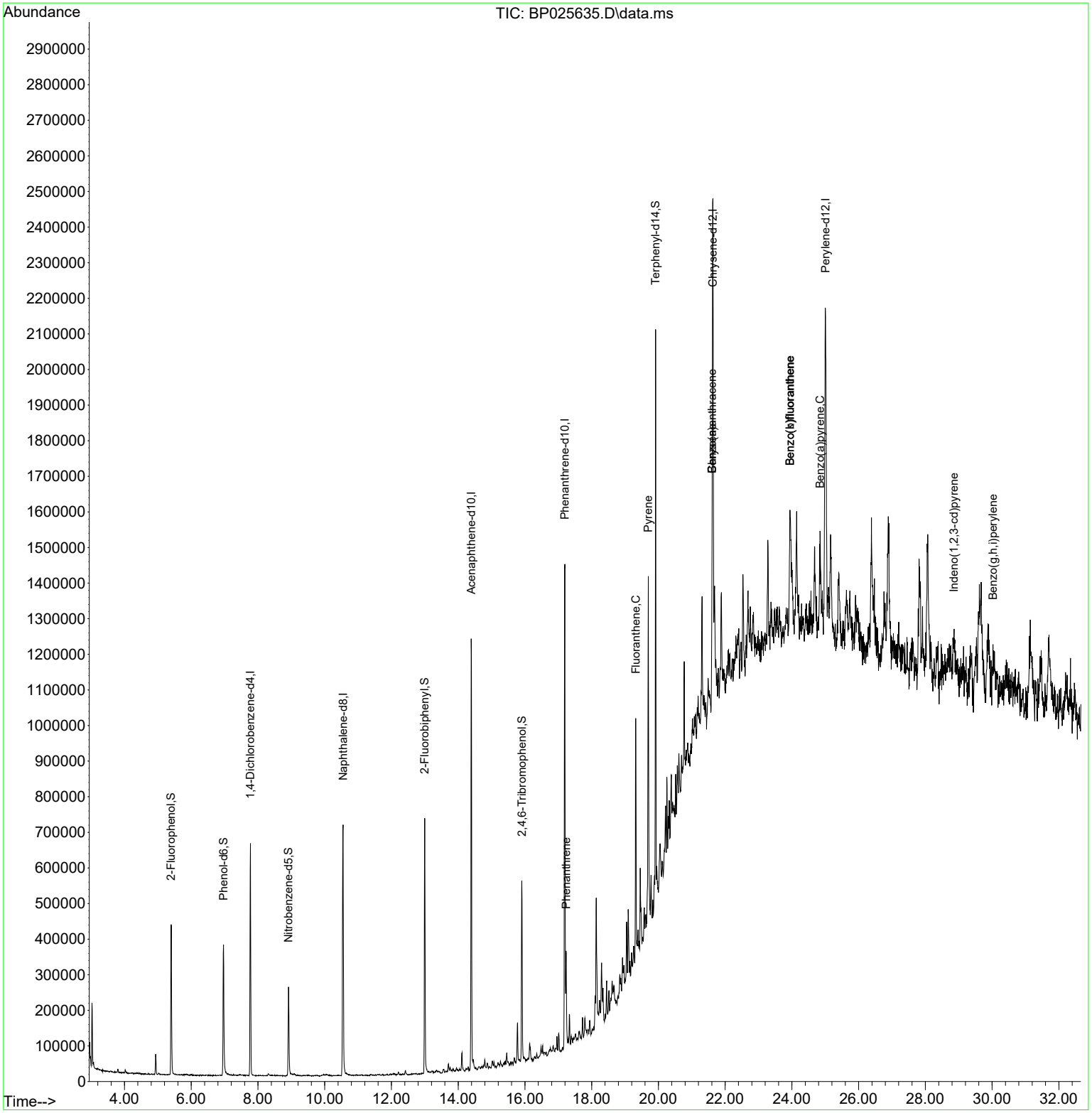
(#) = qualifier out of range (m) = manual integration (+) = signals summed

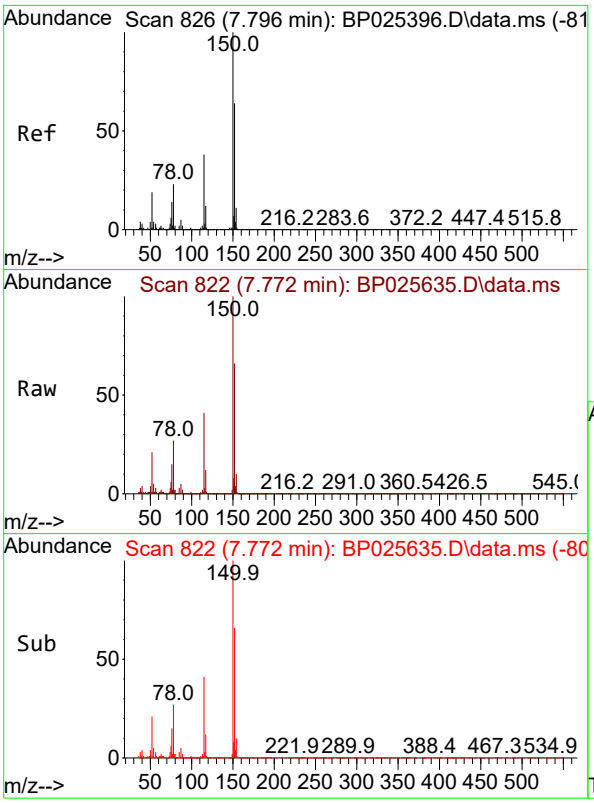
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082925\
Data File : BP025635.D
Acq On : 29 Aug 2025 21:34
Operator : CG/JU
Sample : Q2973-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
OK-01-082825

Quant Time: Aug 29 22:40:22 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



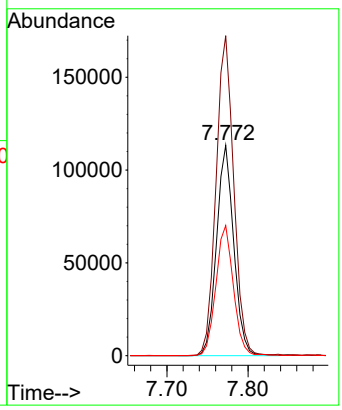


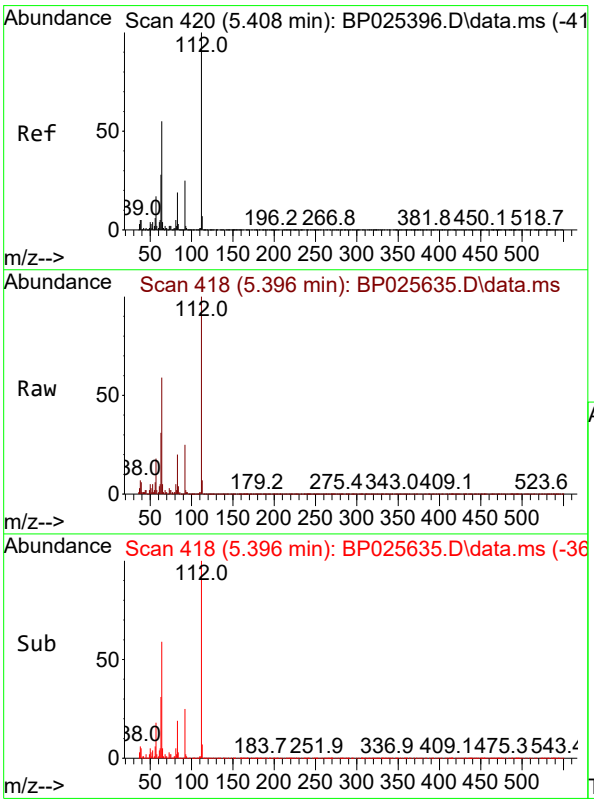

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 8
Delta R.T. -0.024 min
Lab File: BP025635.D
Acq: 29 Aug 2025 21:34

**Instrument :**
BNA_P
**ClientSampleId :**
OK-01-082825

Tgt Ion:152 Resp: 167720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.0 | 125.9 | 188.9 |
| 115 | 61.8 | 48.5 | 72.7 |

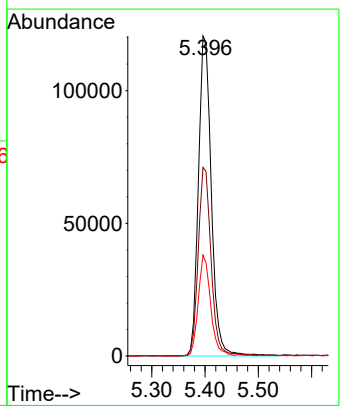


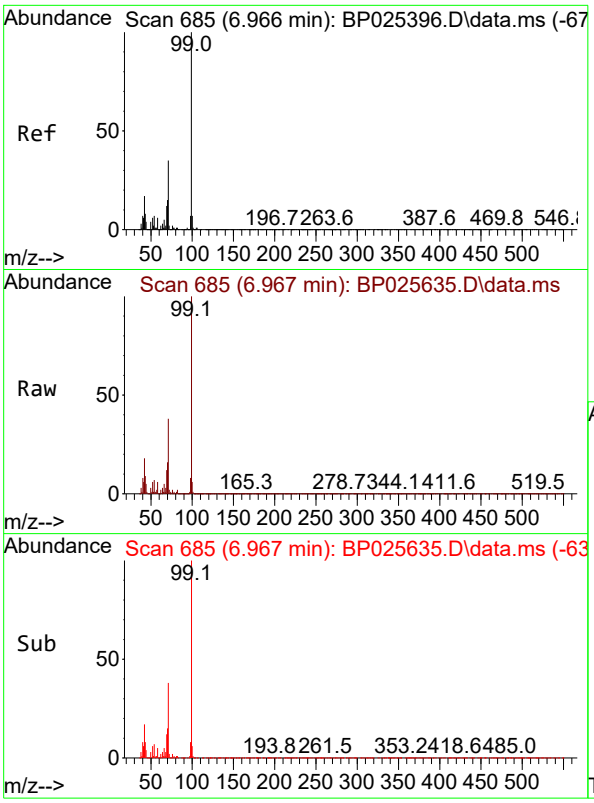




#5
2-Fluorophenol
Concen: 20.100 ng
RT: 5.396 min Scan# 418
Delta R.T. -0.012 min
Lab File: BP025635.D
Acq: 29 Aug 2025 21:34

Tgt Ion:112 Resp: 202998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.9 | 43.8 | 65.8 |
| 63 | 31.5 | 22.7 | 34.1 |



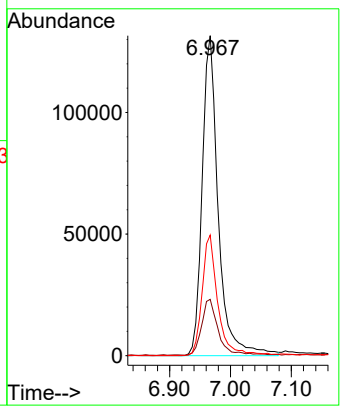


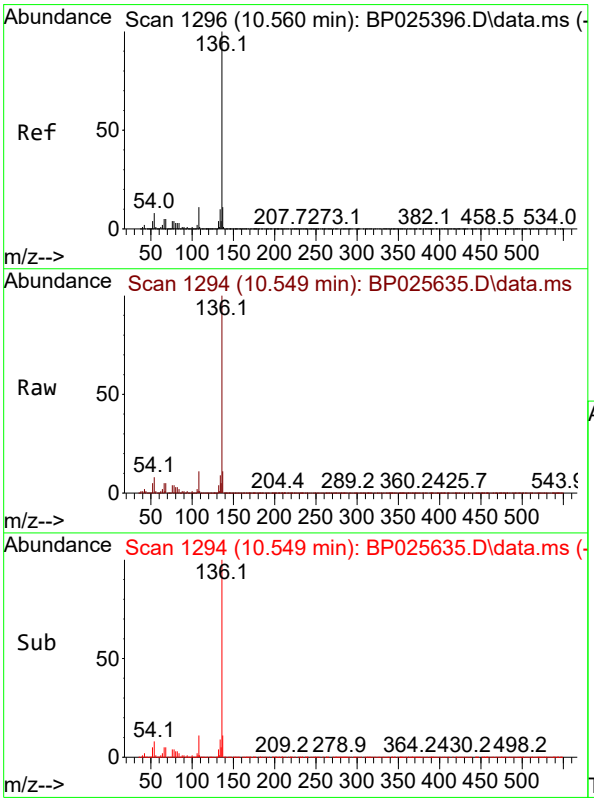

#7
Phenol-d6
Concen: 18.636 ng
RT: 6.967 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025635.D
Acq: 29 Aug 2025 21:34

**Instrument :**
BNA_P
**ClientSampleId :**
OK-01-082825

Tgt Ion: 99 Resp: 241302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.6 | 13.7 | 20.5 |
| 71 | 37.7 | 28.2 | 42.4 |

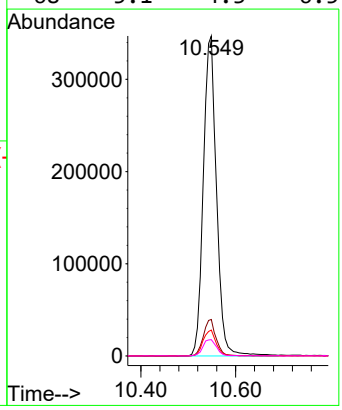


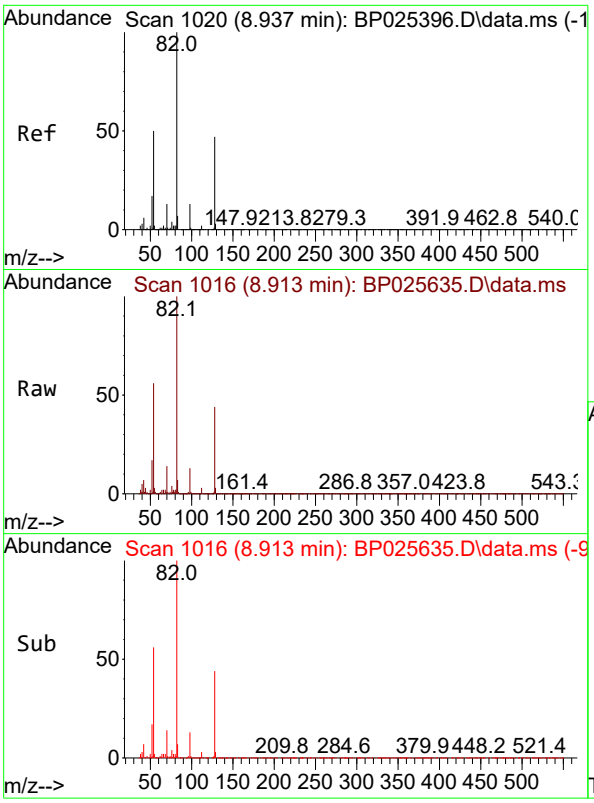




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.549 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BP025635.D
Acq: 29 Aug 2025 21:34

Tgt Ion:136 Resp: 670098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.4 | 9.2 | 13.8 |
| 54 | 8.1 | 6.0 | 9.0 |
| 68 | 5.1 | 4.3 | 6.5 |



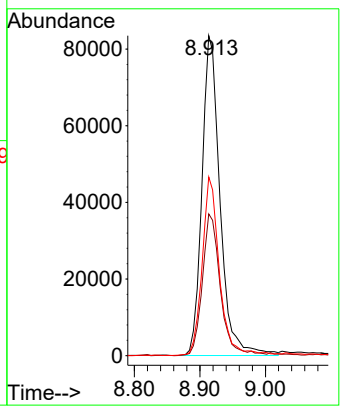


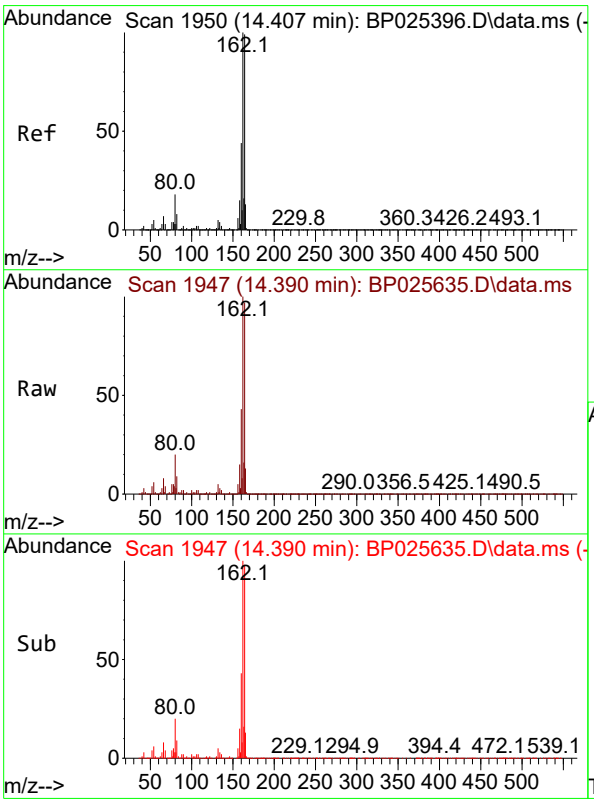

#23
Nitrobenzene-d5
Concen: 12.104 ng
RT: 8.913 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025635.D
Acq: 29 Aug 2025 21:34

**Instrument :**
BNA_P
**ClientSampleId :**
OK-01-082825

Tgt Ion: 82 Resp: 160341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.3 | 37.7 | 56.5 |
| 54 | 55.9 | 39.8 | 59.6 |

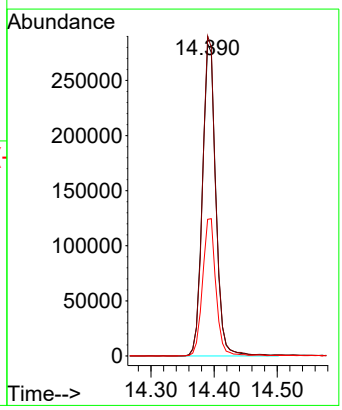


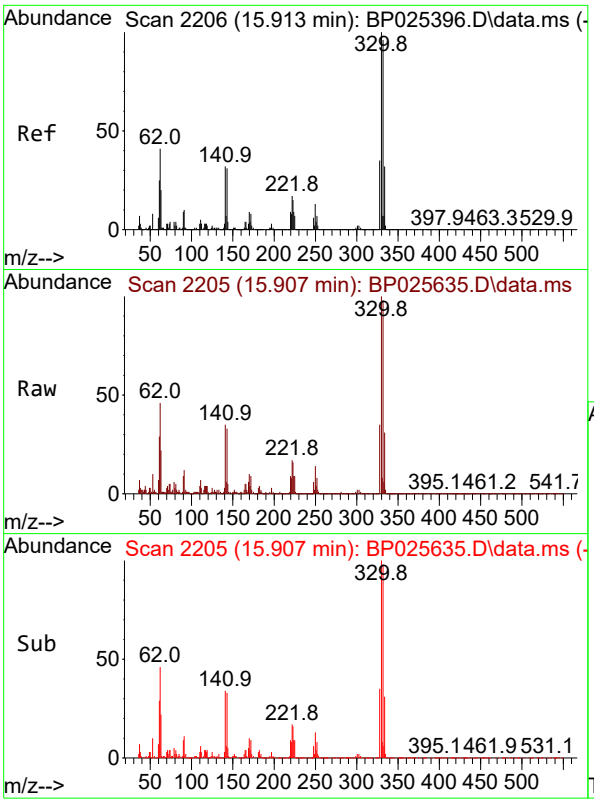




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.390 min Scan# 1947
Delta R.T. -0.017 min
Lab File: BP025635.D
Acq: 29 Aug 2025 21:34

Tgt Ion:164 Resp: 419454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.6 | 81.0 | 121.6 |
| 160 | 43.8 | 35.4 | 53.2 |



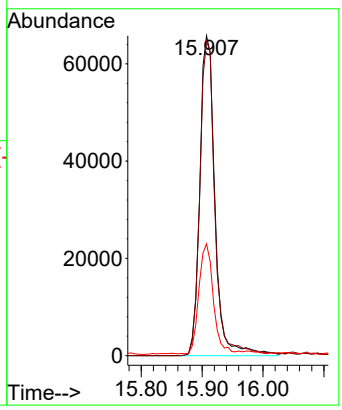


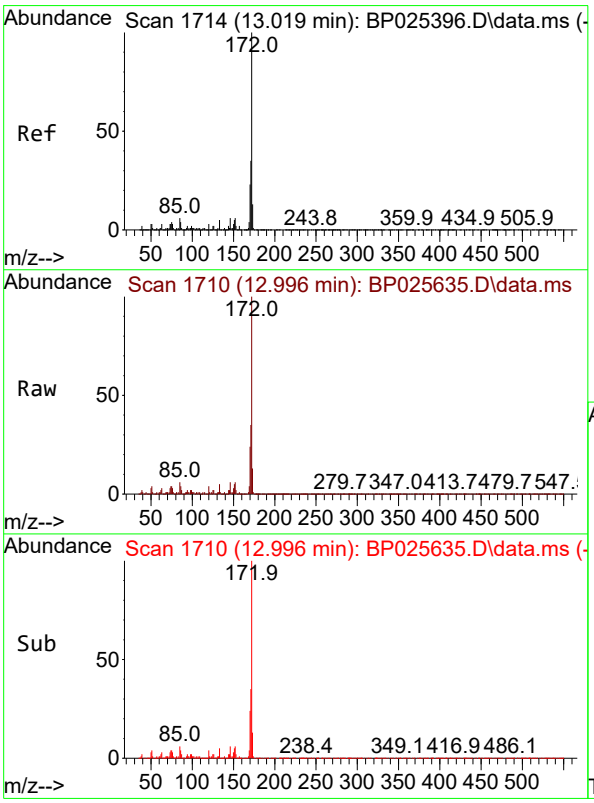

#42
2,4,6-Tribromophenol
Concen: 20.173 ng
RT: 15.907 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025635.D
Acq: 29 Aug 2025 21:34

**Instrument :**
BNA_P
**ClientSampleId :**
OK-01-082825

Tgt Ion:330 Resp: 113897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.0 | 77.3 | 115.9 |
| 141 | 32.6 | 26.6 | 39.8 |

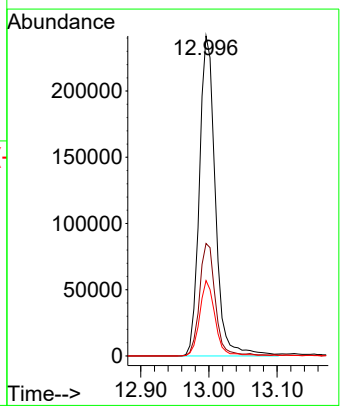


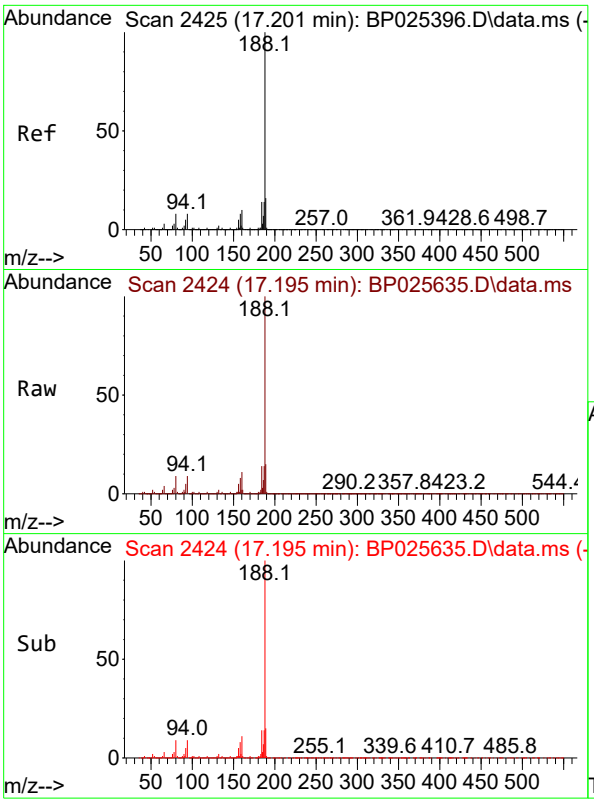




#45
2-Fluorobiphenyl
Concen: 12.819 ng
RT: 12.996 min Scan# 1710
Delta R.T. -0.023 min
Lab File: BP025635.D
Acq: 29 Aug 2025 21:34

Tgt Ion:172 Resp: 393445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.2 | 28.1 | 42.1 |
| 170 | 23.6 | 18.6 | 28.0 |



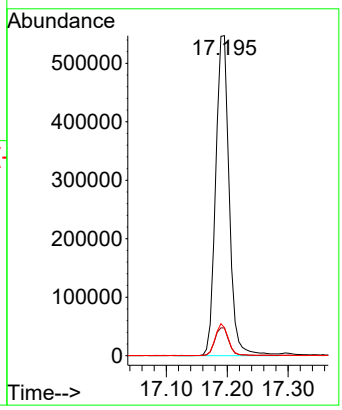


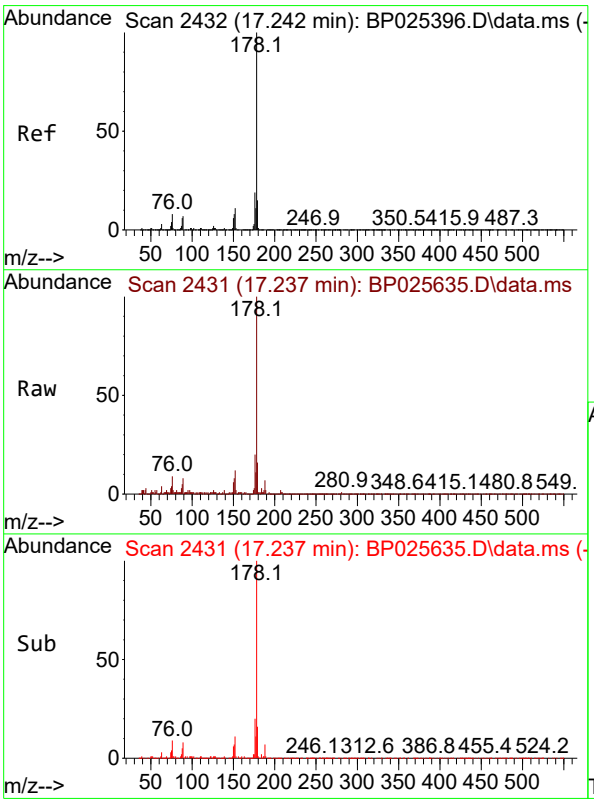

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025635.D
Acq: 29 Aug 2025 21:34

**Instrument :**
BNA_P
**ClientSampleId :**
OK-01-082825

Tgt Ion:188 Resp: 844235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.7 | 6.6 | 10.0 |
| 80 | 8.8 | 6.7 | 10.1 |

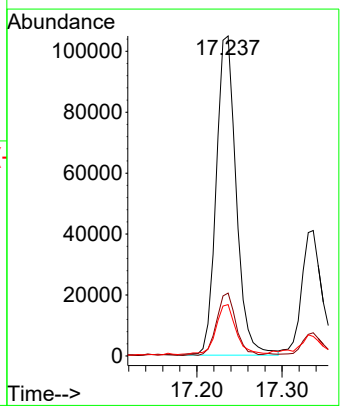


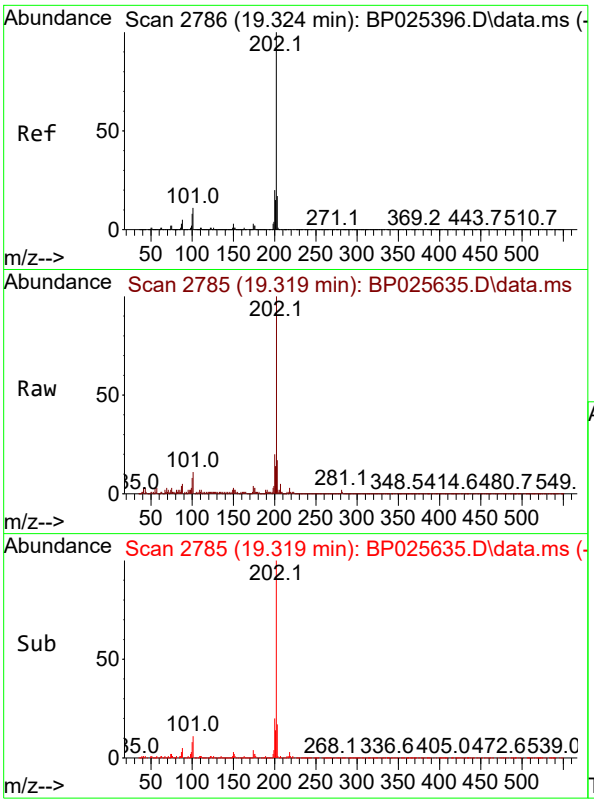




#71
Phenanthrene
Concen: 3.686 ng
RT: 17.237 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BP025635.D
Acq: 29 Aug 2025 21:34

Tgt Ion:178 Resp: 170930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.7 | 15.5 | 23.3 |
| 179 | 16.0 | 12.2 | 18.4 |



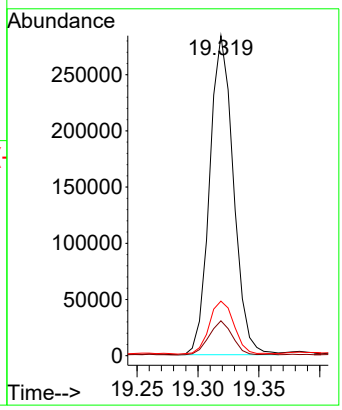


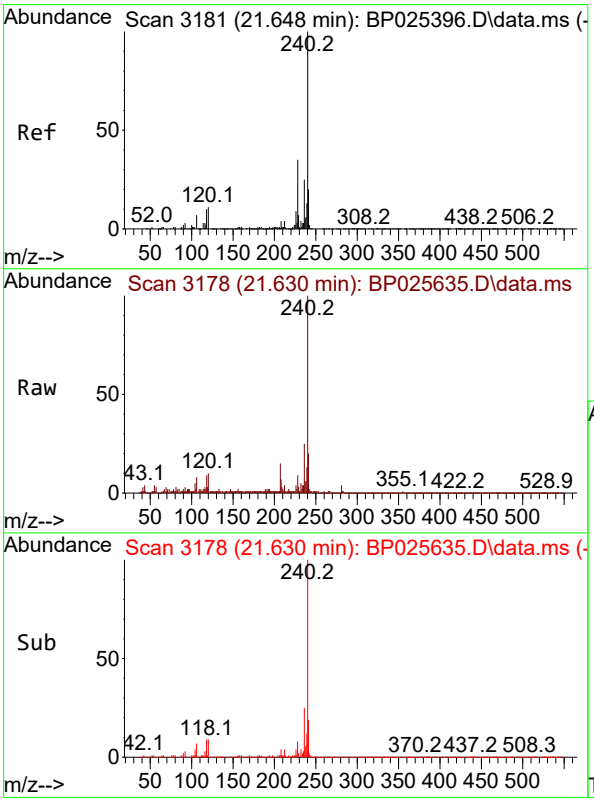

#75
Fluoranthene
Concen: 6.996 ng
RT: 19.319 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025635.D
Acq: 29 Aug 2025 21:34

**Instrument :**
BNA_P
**ClientSampleId :**
OK-01-082825

Tgt Ion:202 Resp: 387021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.9 | 0.0 | 31.1 |
| 203 | 17.0 | 0.0 | 37.3 |

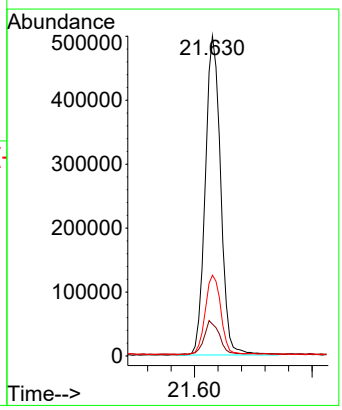


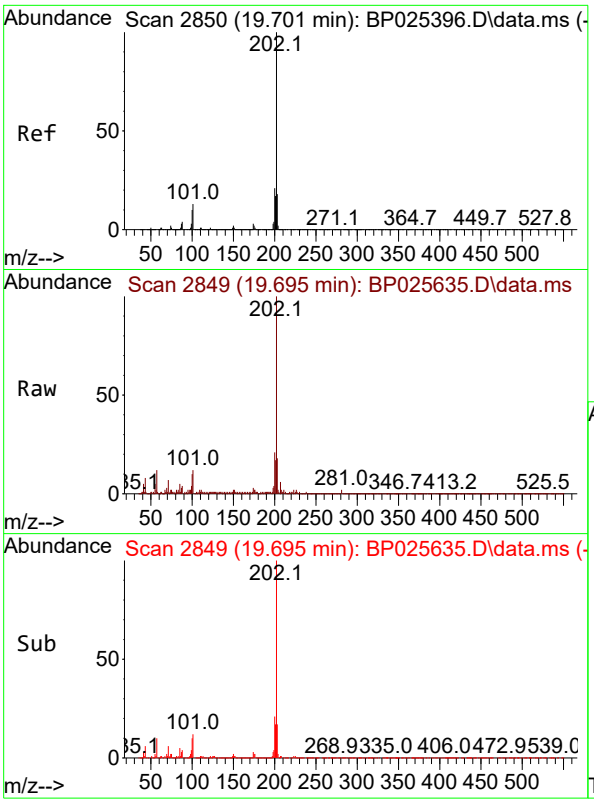




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.017 min
Lab File: BP025635.D
Acq: 29 Aug 2025 21:34

Tgt Ion:240 Resp: 905599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.9 | 8.9 | 13.3 |
| 236 | 25.3 | 19.8 | 29.8 |



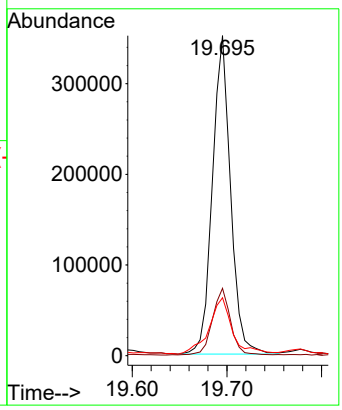


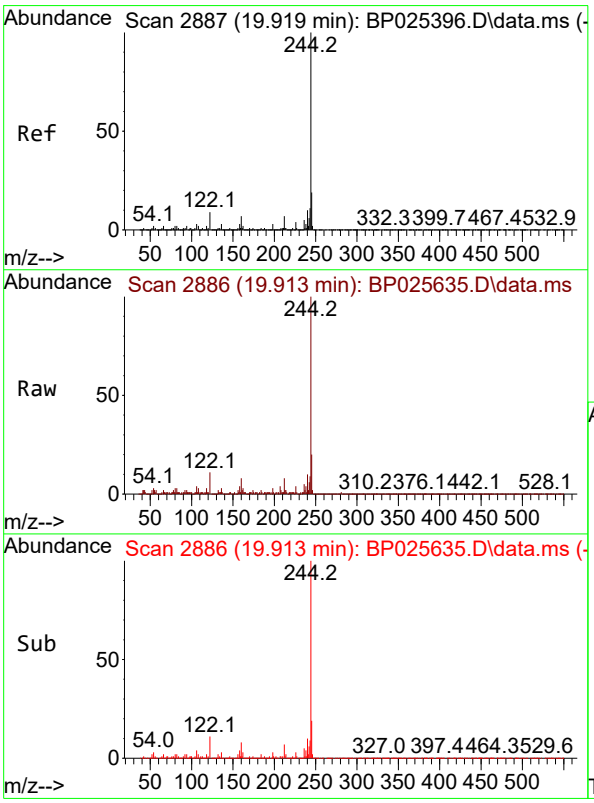

#78
Pyrene
Concen: 7.943 ng
RT: 19.695 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025635.D
Acq: 29 Aug 2025 21:34

**Instrument :**
BNA_P
**ClientSampleId :**
OK-01-082825

Tgt Ion:202 Resp: 467523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.1 | 16.9 | 25.3 |
| 203 | 18.1 | 14.2 | 21.2 |

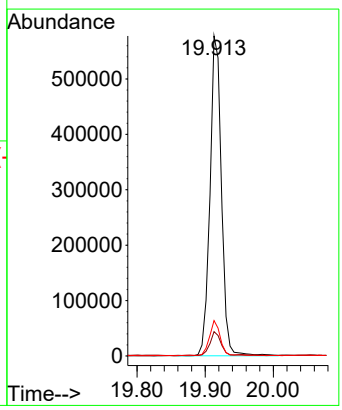


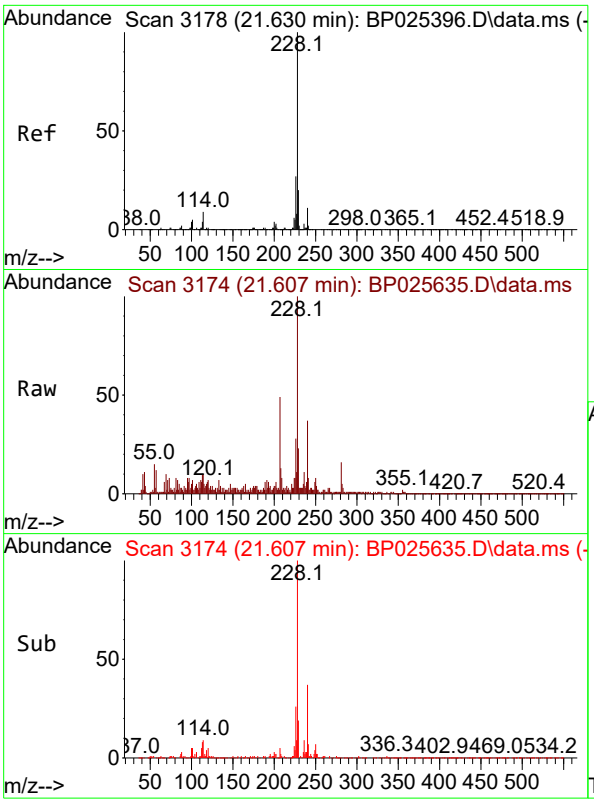




#79
Terphenyl-d14
Concen: 13.685 ng
RT: 19.913 min Scan# 2886
Delta R.T. -0.006 min
Lab File: BP025635.D
Acq: 29 Aug 2025 21:34

Tgt Ion:244 Resp: 677382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.6 | 5.8 | 8.6 |
| 122 | 11.1 | 7.4 | 11.2 |



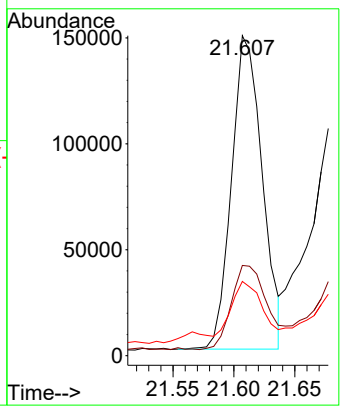


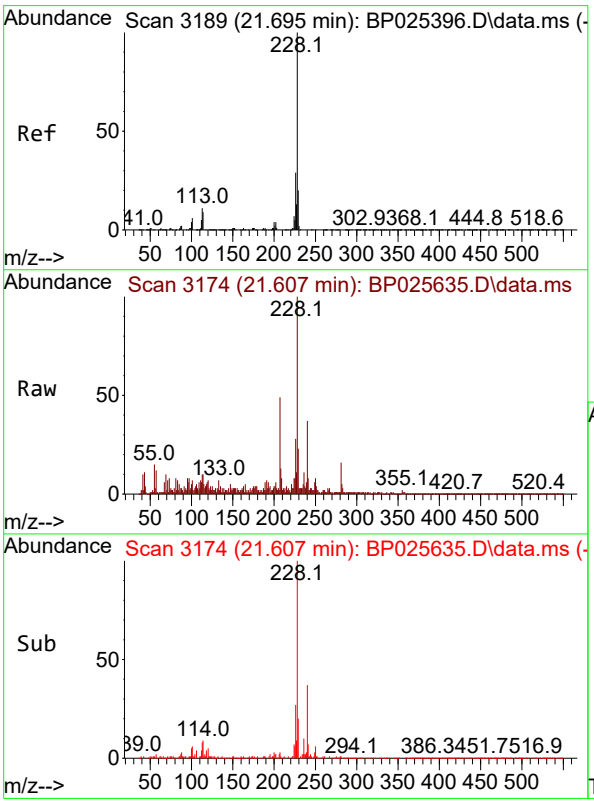

#81
Benzo(a)anthracene
Concen: 4.344 ng
RT: 21.607 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP025635.D
Acq: 29 Aug 2025 21:34

**Instrument :**
BNA_P
**ClientSampleId :**
OK-01-082825

Tgt Ion:228 Resp: 259448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.2 | 21.7 | 32.5 |
| 229 | 23.2 | 15.6 | 23.4 |

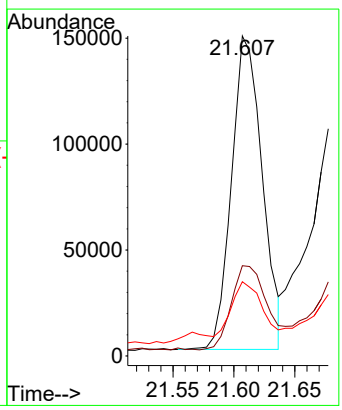


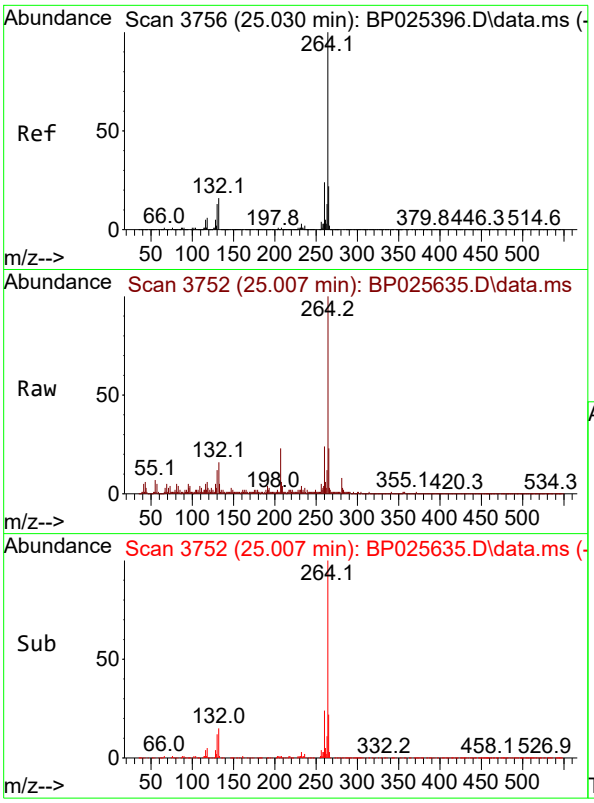




#83
Chrysene
Concen: 4.639 ng
RT: 21.607 min Scan# 3174
Delta R.T. -0.088 min
Lab File: BP025635.D
Acq: 29 Aug 2025 21:34

Tgt Ion:228 Resp: 259448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.2 | 23.2 | 34.8 |
| 229 | 23.2 | 15.6 | 23.4 |



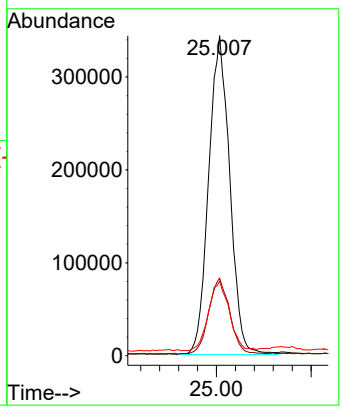


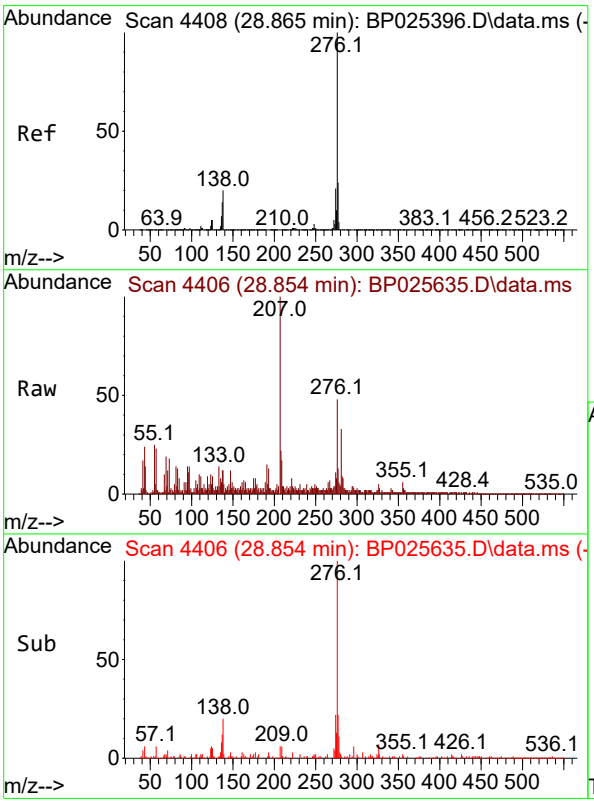

#86
Perylene-d12
Concen: 20.000 ng
RT: 25.007 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP025635.D
Acq: 29 Aug 2025 21:34

**Instrument :**
BNA_P
**ClientSampleId :**
OK-01-082825

Tgt Ion:264 Resp: 1061177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.2 | 19.3 | 28.9 |
| 265 | 23.3 | 17.4 | 26.0 |

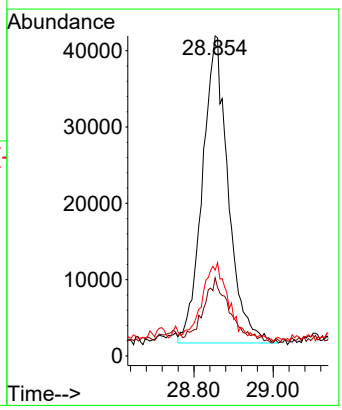


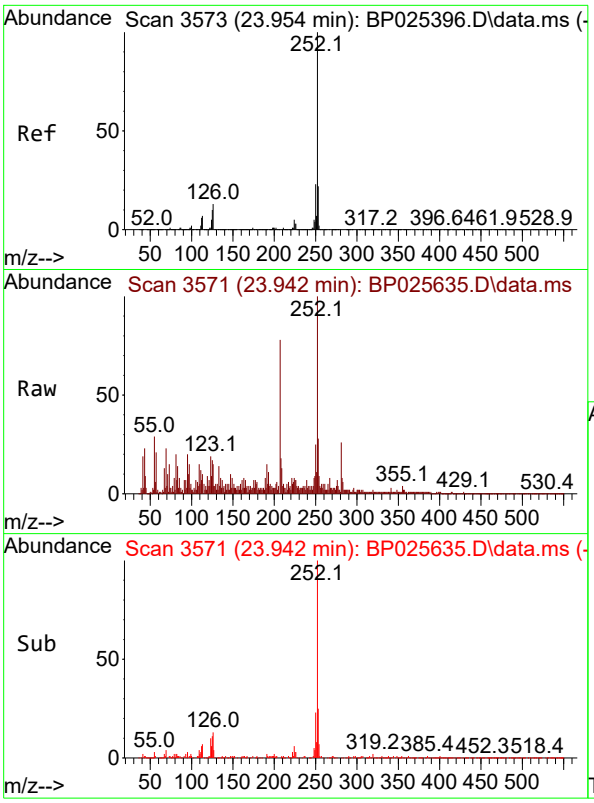




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.333 ng
RT: 28.854 min Scan# 4406
Delta R.T. -0.012 min
Lab File: BP025635.D
Acq: 29 Aug 2025 21:34

Tgt Ion:276 Resp: 181546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 22.2 | 12.9 | 19.3# |
| 277 | 22.7 | 17.0 | 25.6 |



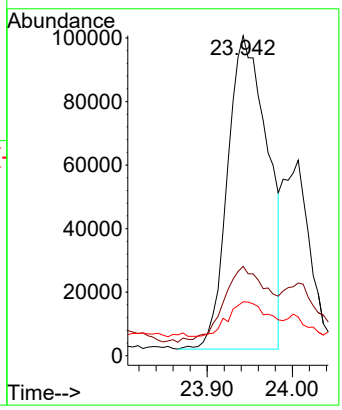


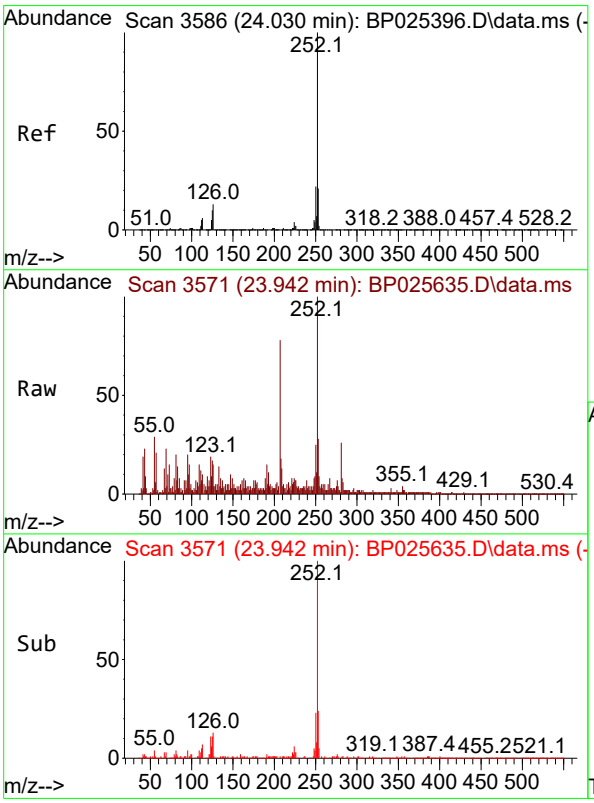

#88
Benzo(b)fluoranthene
Concen: 5.123 ng
RT: 23.942 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025635.D
Acq: 29 Aug 2025 21:34

**Instrument :**
BNA_P
**ClientSampleId :**
OK-01-082825

Tgt Ion:252 Resp: 320572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 27.9 | 17.7 | 26.5# |
| 125 | 16.9 | 7.9 | 11.9# |

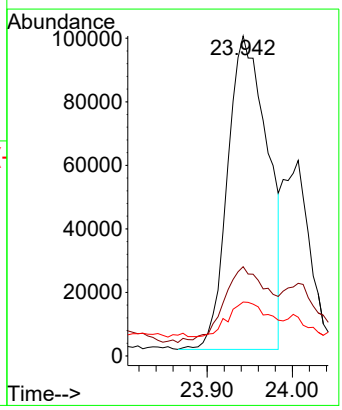


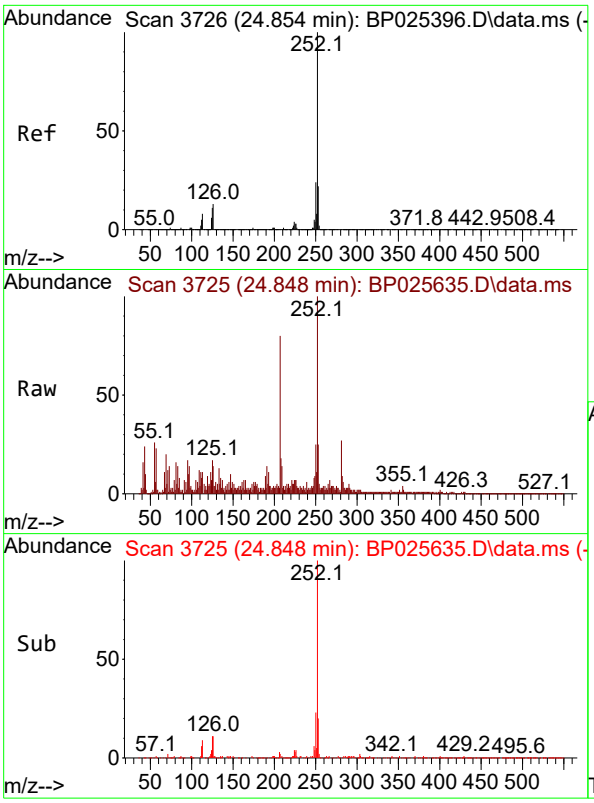




#89
Benzo(k)fluoranthene
Concen: 5.120 ng
RT: 23.942 min Scan# 3571
Delta R.T. -0.088 min
Lab File: BP025635.D
Acq: 29 Aug 2025 21:34

Tgt Ion:252 Resp: 320572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 27.9 | 17.1 | 25.7# |
| 125 | 16.9 | 7.8 | 11.6# |



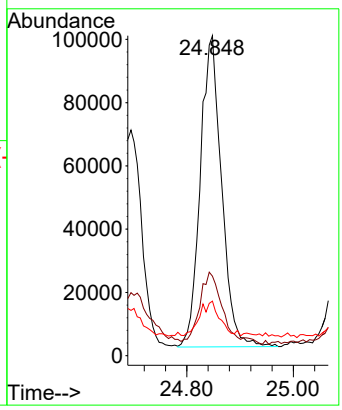


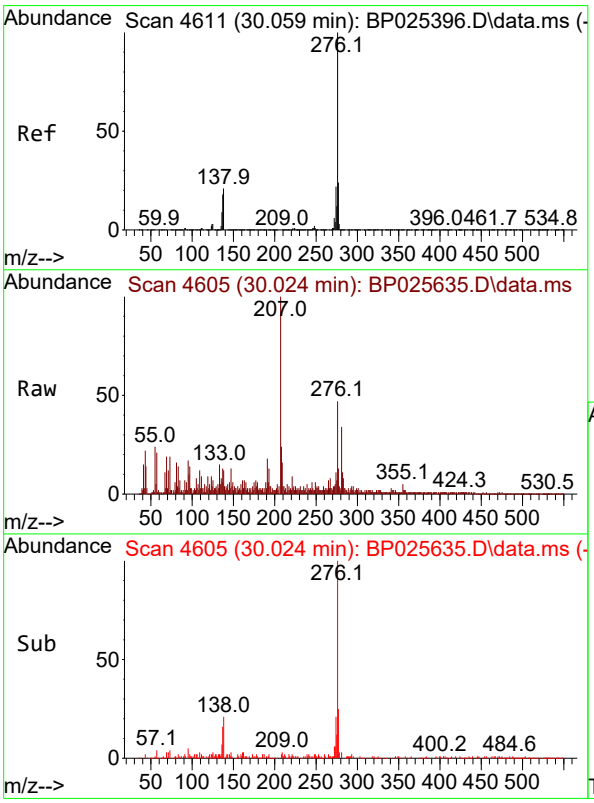

#90
Benzo(a)pyrene
Concen: 4.481 ng
RT: 24.848 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025635.D
Acq: 29 Aug 2025 21:34

**Instrument :**
BNA_P
**ClientSampleId :**
OK-01-082825

Tgt Ion:252 Resp: 272922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.8 | 17.5 | 26.3 |
| 125 | 17.0 | 8.7 | 13.1# |




#92
Benzo(g,h,i)perylene
Concen: 3.133 ng
RT: 30.024 min Scan# 4605
Delta R.T. -0.035 min
Lab File: BP025635.D
Acq: 29 Aug 2025 21:34

Tgt Ion:276 Resp: 195853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 28.4 | 19.4 | 29.0 |
| 138 | 24.4 | 16.7 | 25.1 |