Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
Data File : BP024495.D
Acq On : 01 May 2025 16:53
Operator : RC/JU
Sample : Q1912-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MH-E

Quant Time: May 01 17:13:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.710 | 152 | 219283 | 20.000 | ng | -0.01 |
| 21) Naphthalene-d8 | 10.481 | 136 | 843667 | 20.000 | ng | #-0.02 |
| 39) Acenaphthene-d10 | 14.340 | 164 | 513937 | 20.000 | ng | -0.01 |
| 64) Phenanthrene-d10 | 17.145 | 188 | 955036 | 20.000 | ng | # 0.00 |
| 76) Chrysene-d12 | 21.592 | 240 | 970217 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 24.951 | 264 | 1085171 | 20.000 | ng | 0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.340 | 112 | 1548342 | 116.749 | ng | 0.00 |
| 7) Phenol-d6 | 6.905 | 99 | 1806941 | 99.504 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.863 | 82 | 1224660 | 82.771 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.857 | 330 | 1100316 | 154.743 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.957 | 172 | 2808829 | 83.680 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.875 | 244 | 4330400 | 89.965 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |

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

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**Instrument :**
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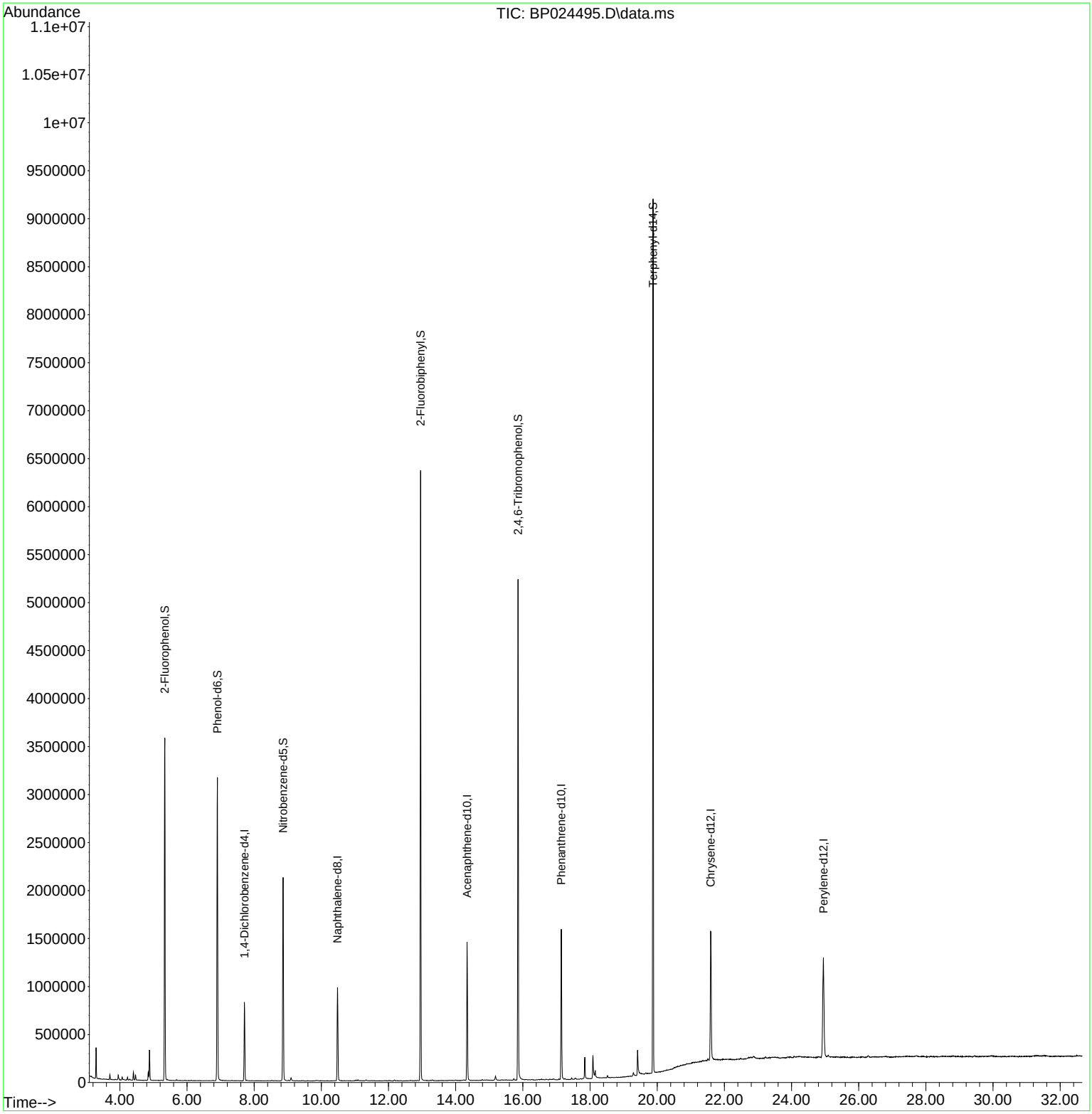
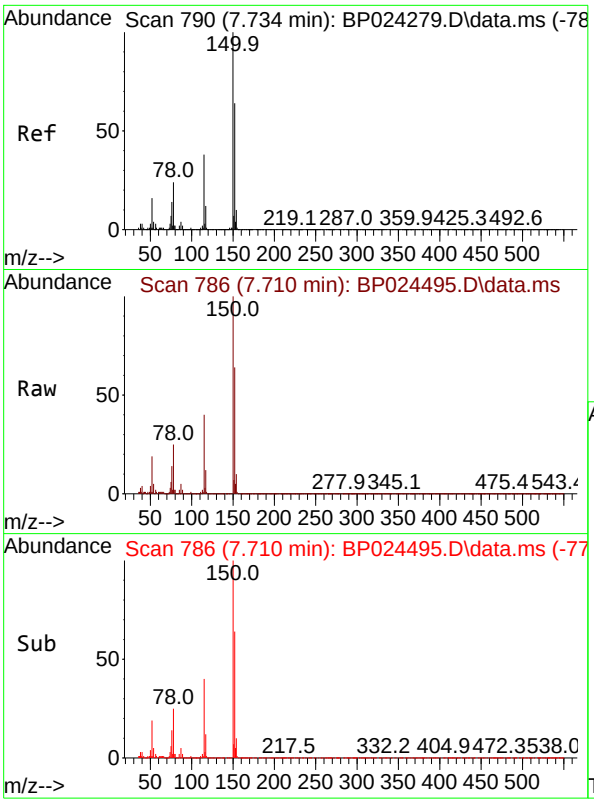


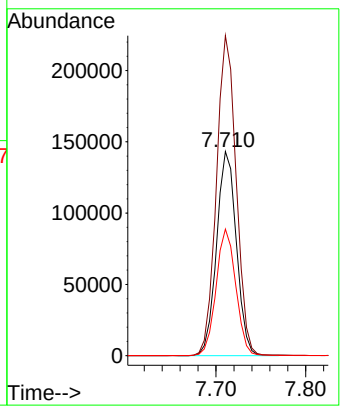


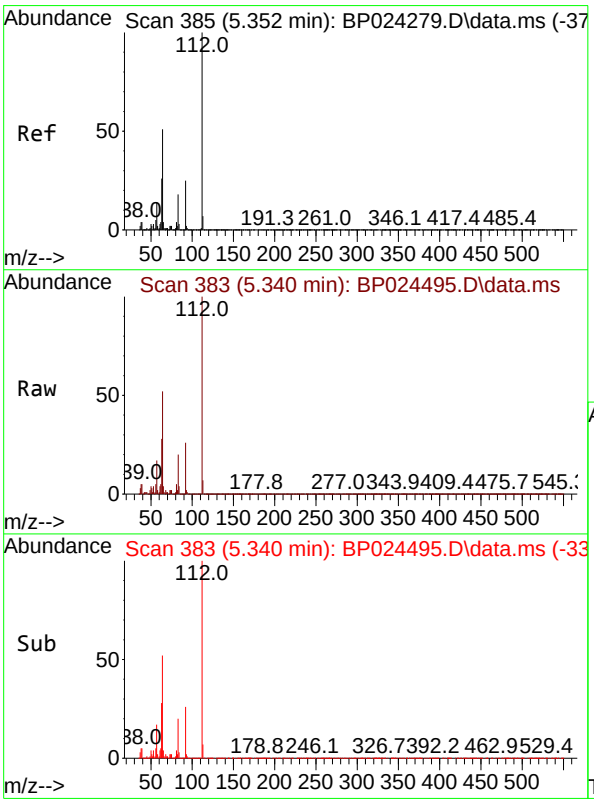

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 7
Delta R.T. -0.012 min
Lab File: BP024495.D
Acq: 01 May 2025 16:53

**Instrument :**
BNA_P
**ClientSampleId :**
MH-E

Tgt Ion:152 Resp: 219283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.7 | 124.9 | 187.3 |
| 115 | 62.0 | 47.7 | 71.5 |

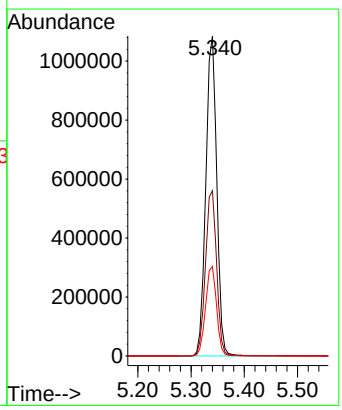


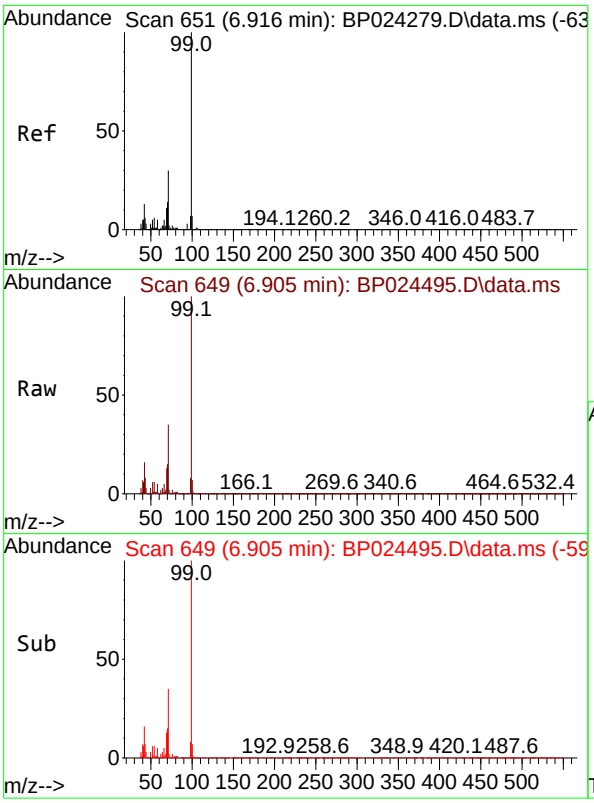




#5
2-Fluorophenol
Concen: 116.749 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024495.D
Acq: 01 May 2025 16:53

Tgt Ion:112 Resp: 1548342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 51.7 | 41.1 | 61.7 |
| 63 | 28.0 | 20.6 | 30.8 |



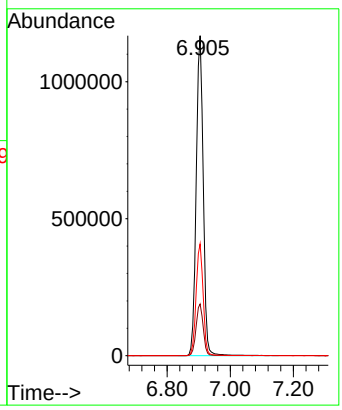


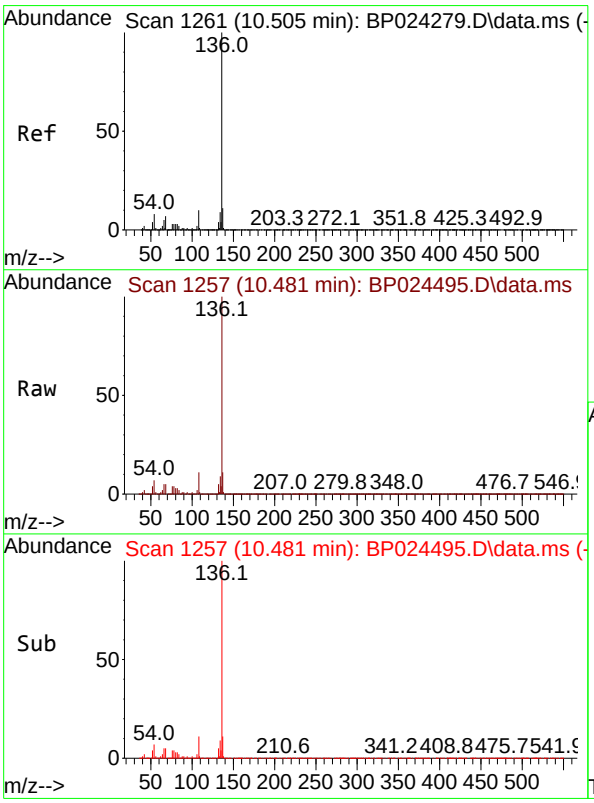

#7
Phenol-d6
Concen: 99.504 ng
RT: 6.905 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP024495.D
Acq: 01 May 2025 16:53

**Instrument :**
BNA_P
**ClientSampleId :**
MH-E

Tgt Ion: 99 Resp: 1806941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.1 | 10.6 | 16.0# |
| 71 | 34.9 | 23.7 | 35.5 |

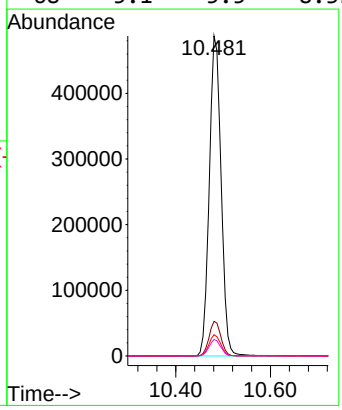


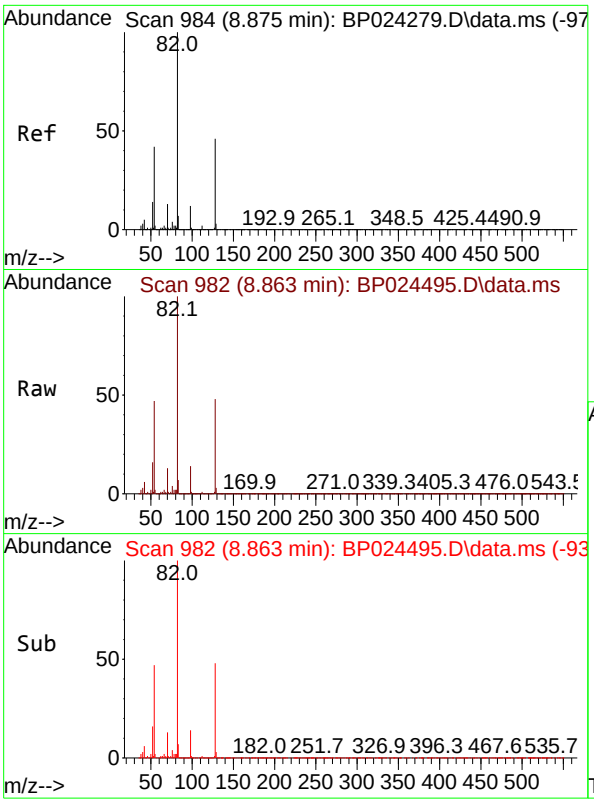




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024495.D
Acq: 01 May 2025 16:53

Tgt Ion:136 Resp: 843667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 9.2 | 13.8 |
| 54 | 6.6 | 6.0 | 9.0 |
| 68 | 5.1 | 5.5 | 8.3# |



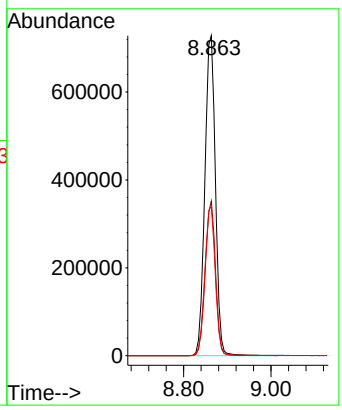


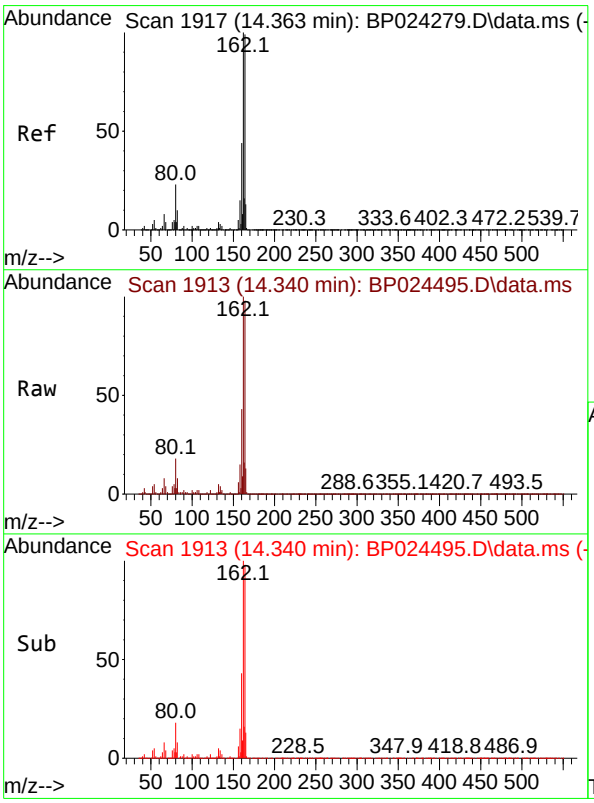

#23
Nitrobenzene-d5
Concen: 82.771 ng
RT: 8.863 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024495.D
Acq: 01 May 2025 16:53

**Instrument :**
BNA_P
**ClientSampleId :**
MH-E

Tgt Ion: 82 Resp: 1224660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 48.3 | 36.5 | 54.7 |
| 54 | 46.8 | 33.4 | 50.2 |

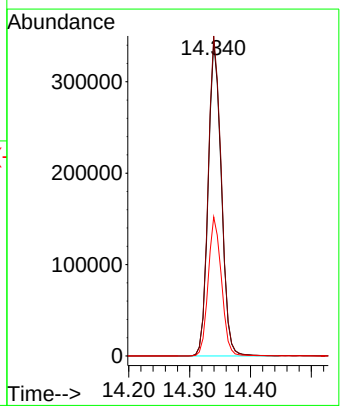


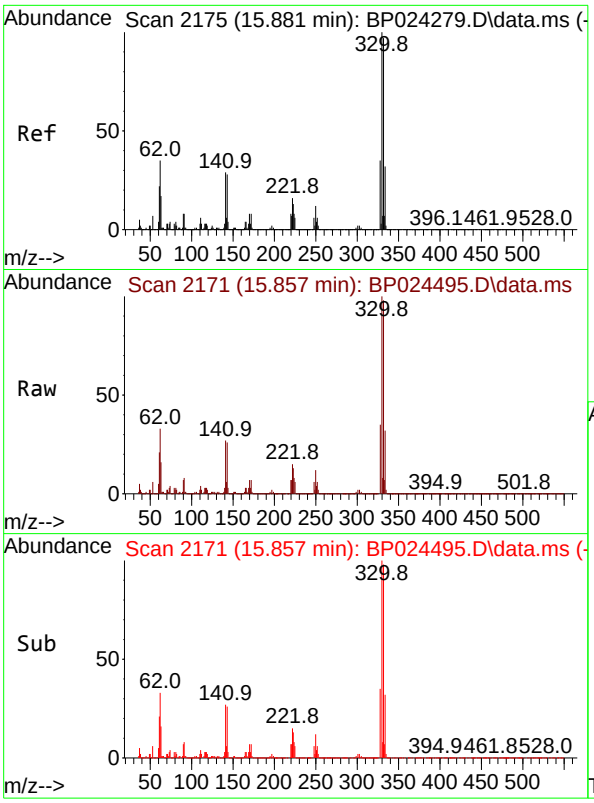




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024495.D
Acq: 01 May 2025 16:53

Tgt Ion:164 Resp: 513937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.9 | 80.6 | 120.8 |
| 160 | 44.3 | 35.3 | 52.9 |



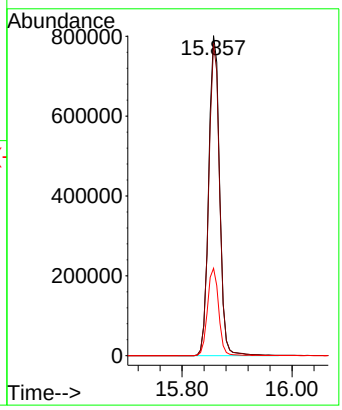


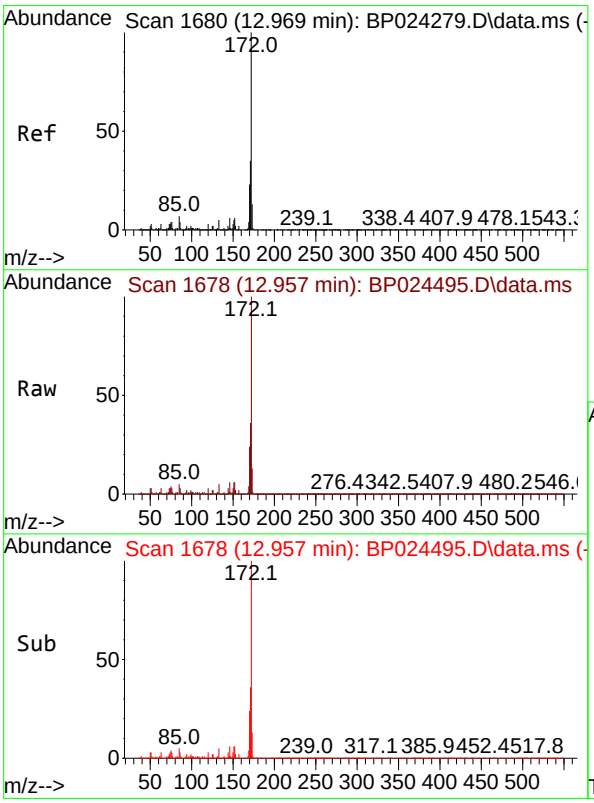

#42
2,4,6-Tribromophenol
Concen: 154.743 ng
RT: 15.857 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024495.D
Acq: 01 May 2025 16:53

**Instrument :**
BNA_P
**ClientSampleId :**
MH-E

Tgt Ion:330 Resp: 1100316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.2 | 77.1 | 115.7 |
| 141 | 28.0 | 24.7 | 37.1 |

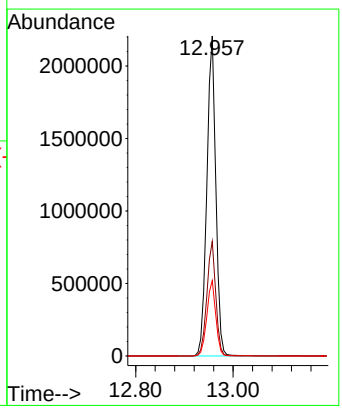


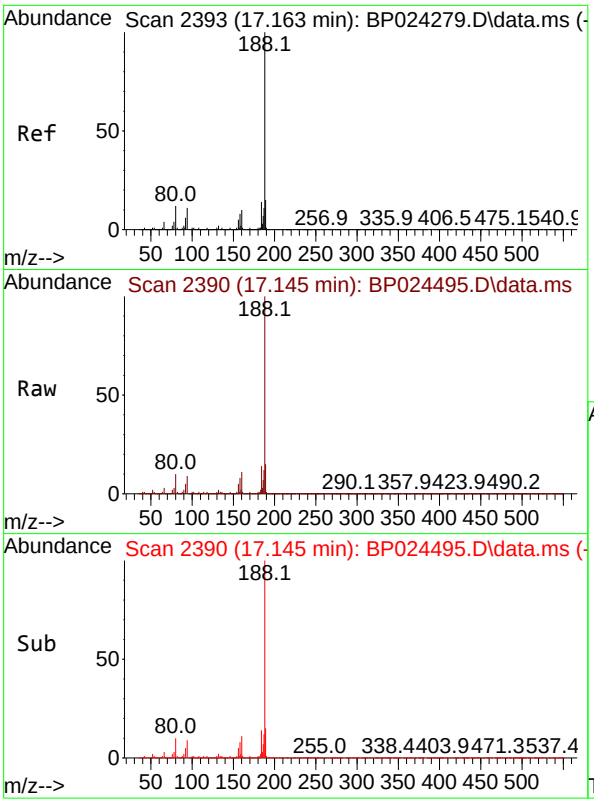




#45
2-Fluorobiphenyl
Concen: 83.680 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP024495.D
Acq: 01 May 2025 16:53

Tgt Ion:172 Resp: 2808829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 28.2 | 42.2 |
| 170 | 23.5 | 18.6 | 27.8 |



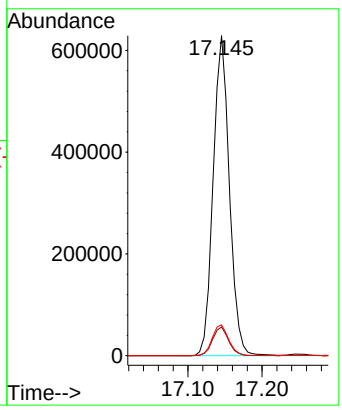


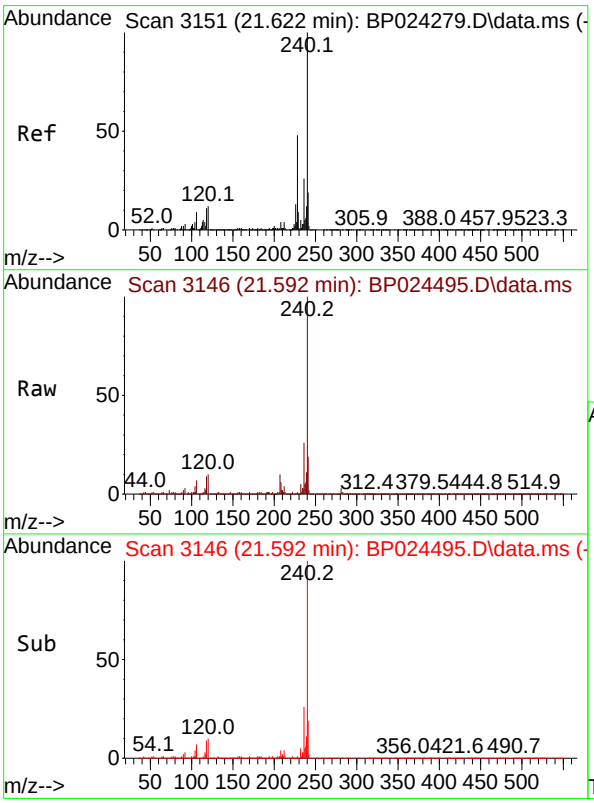

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024495.D
Acq: 01 May 2025 16:53

**Instrument :**
BNA_P
**ClientSampleId :**
MH-E

Tgt Ion:188 Resp: 955036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.0 | 8.6 | 13.0 |
| 80 | 9.7 | 9.8 | 14.6# |

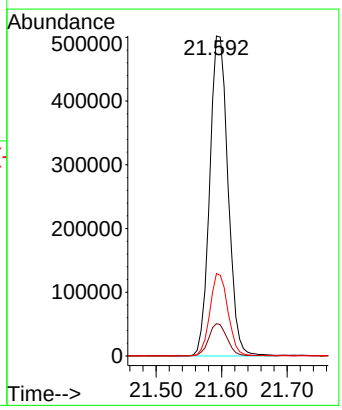


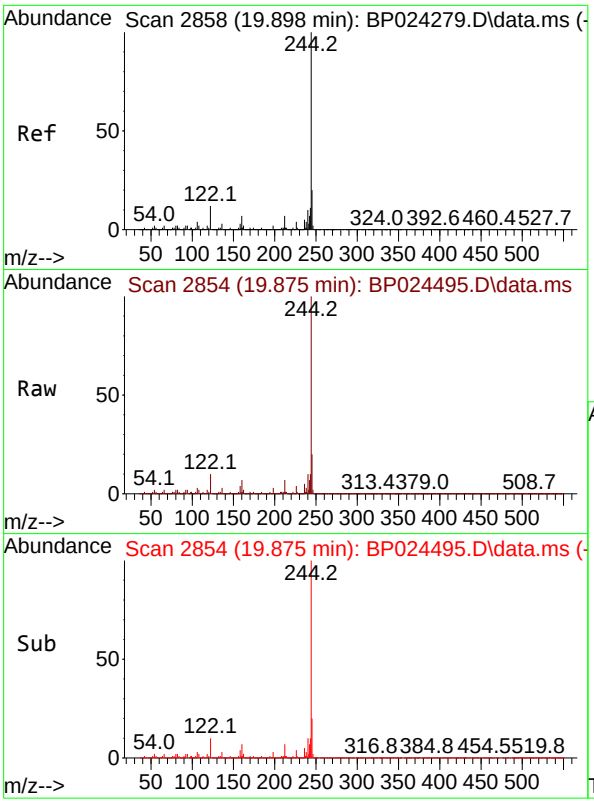




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BP024495.D
Acq: 01 May 2025 16:53

Tgt Ion:240 Resp: 970217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.1 | 9.8 | 14.8 |
| 236 | 25.8 | 20.9 | 31.3 |



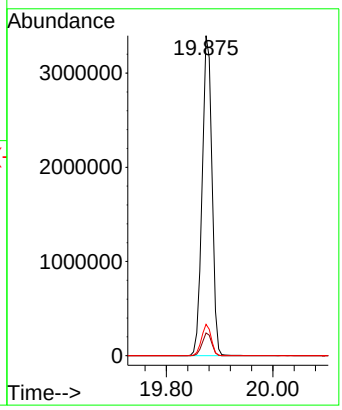


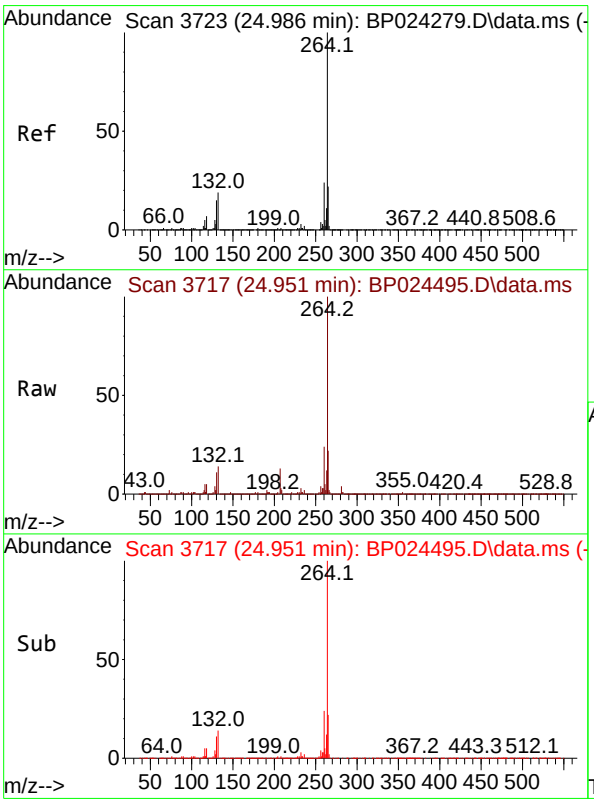

#79
Terphenyl-d14
Concen: 89.965 ng
RT: 19.875 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024495.D
Acq: 01 May 2025 16:53

**Instrument :**
BNA_P
**ClientSampleId :**
MH-E

Tgt Ion:244 Resp: 4330400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.1 | 5.6 | 8.4 |
| 122 | 9.8 | 9.4 | 14.0 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.951 min Scan# 3717
Delta R.T. 0.018 min
Lab File: BP024495.D
Acq: 01 May 2025 16:53

Tgt Ion:264 Resp: 1085171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.6 | 18.9 | 28.3 |
| 265 | 22.1 | 17.8 | 26.6 |