Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110424\
Data File : BE101457.D
Acq On : 4 Nov 2024 16:18
Operator : RC/JU
Sample : P4680-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
BP-F25

Quant Time: Nov 04 16:40:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 29 01:26:30 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.569 | 152 | 76632 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.337 | 136 | 312924 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.179 | 164 | 202325 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.917 | 188 | 466049 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.077 | 240 | 582784 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 23.369 | 264 | 806913 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.325 | 112 | 444344 | 101.627 | ng | 0.00 |
| 7) Phenol-d6 | 6.952 | 99 | 568550 | 93.779 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.780 | 82 | 313998 | 63.025 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.689 | 330 | 381745 | 107.652 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.799 | 172 | 773834 | 64.773 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.508 | 244 | 1739931 | 68.714 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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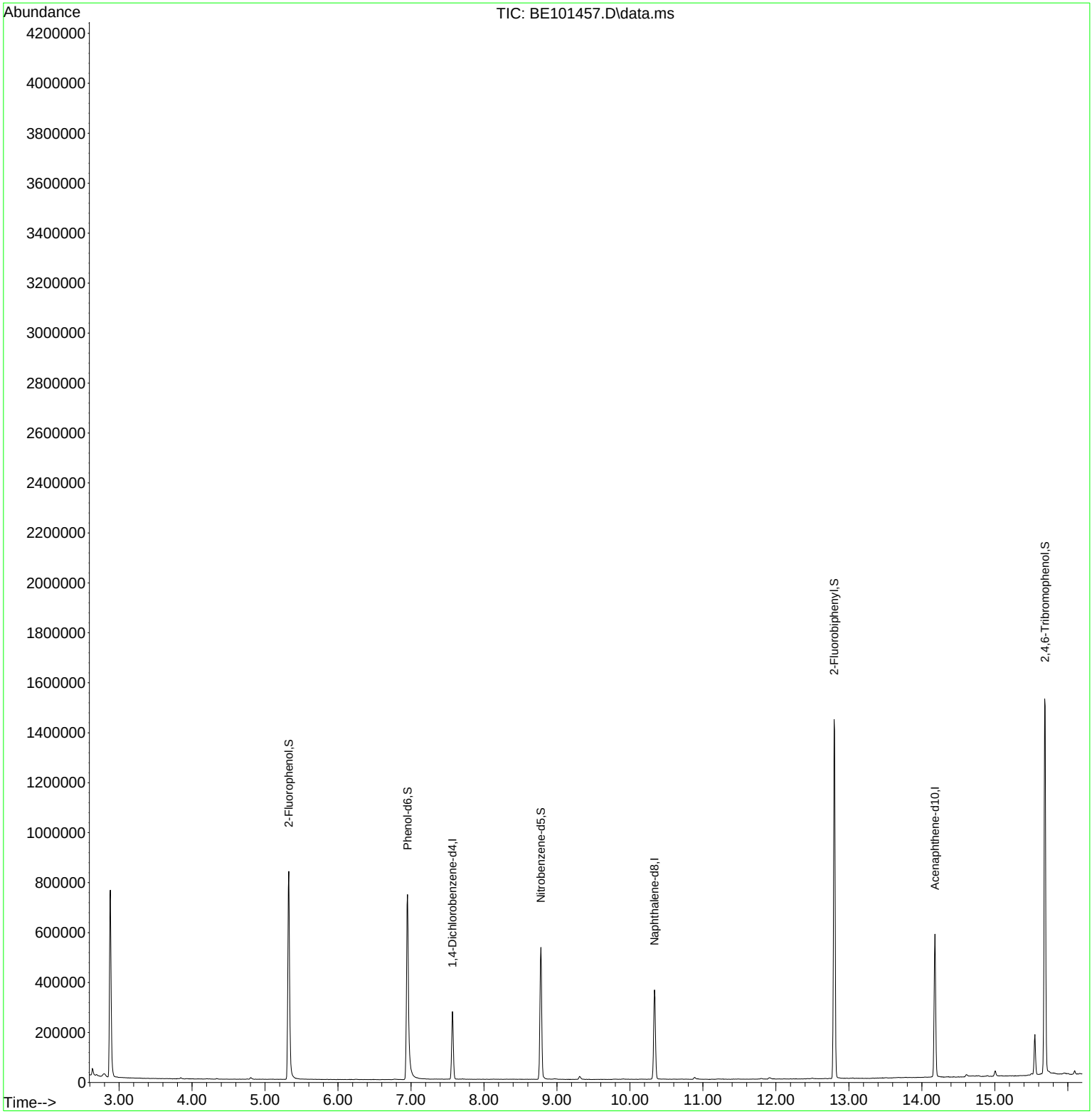

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Acq On : 4 Nov 2024 16:18
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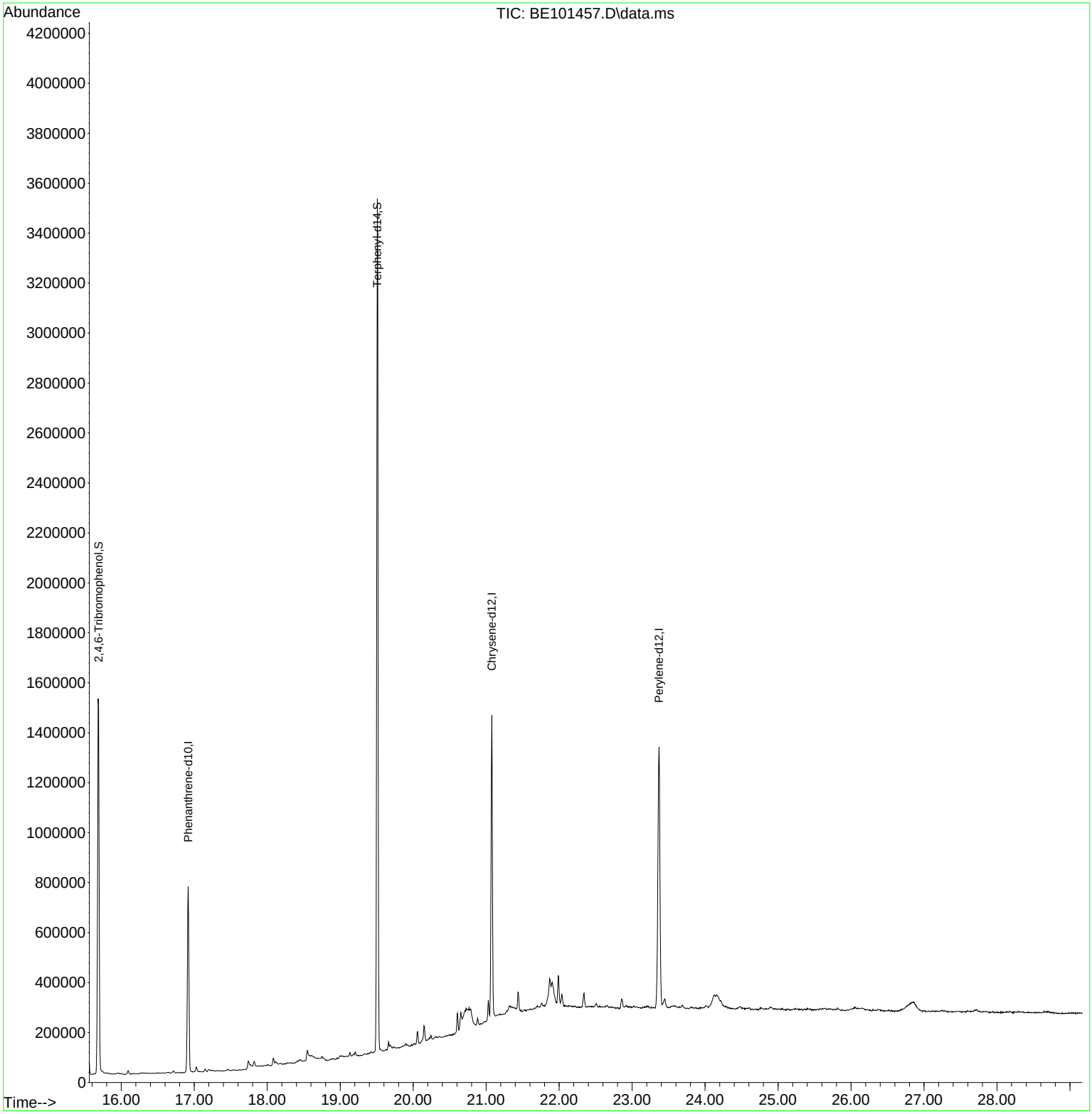
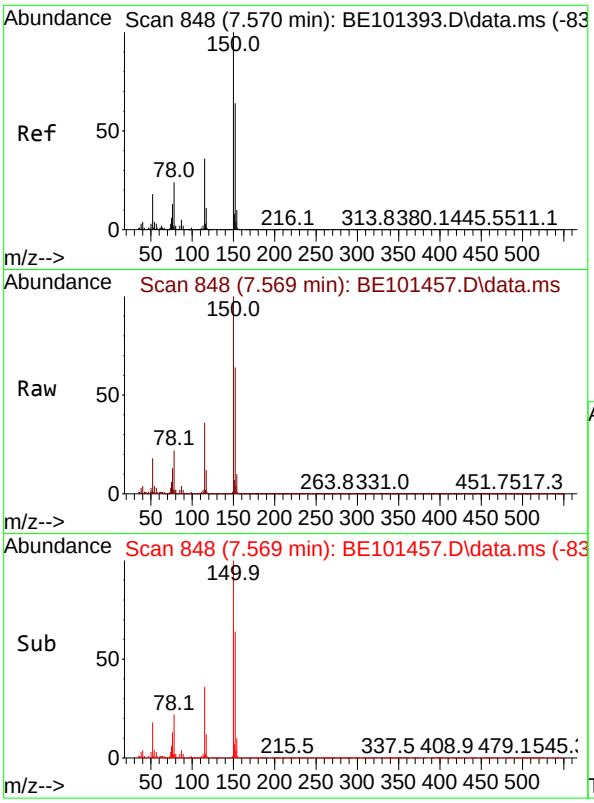


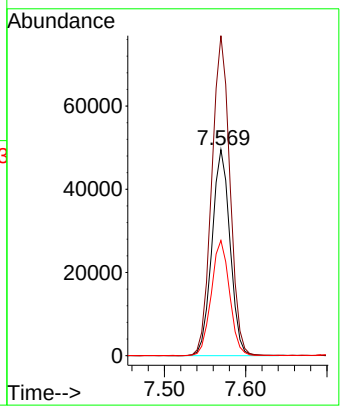


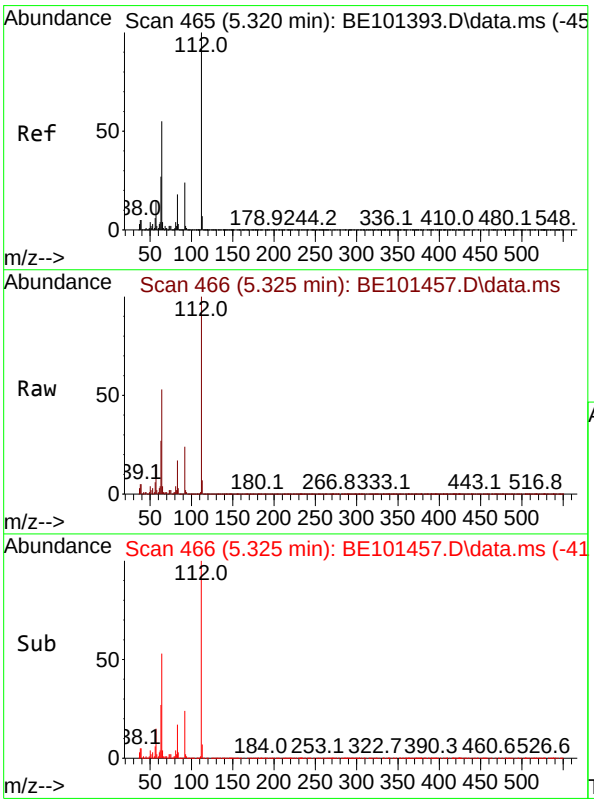

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.001 min
Lab File: BE101457.D
Acq: 4 Nov 2024 16:18

**Instrument :**
BNA_E
**ClientSampleId :**
BP-F25

Tgt Ion:152 Resp: 76632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.3 | 124.2 | 186.4 |
| 115 | 55.9 | 45.3 | 67.9 |

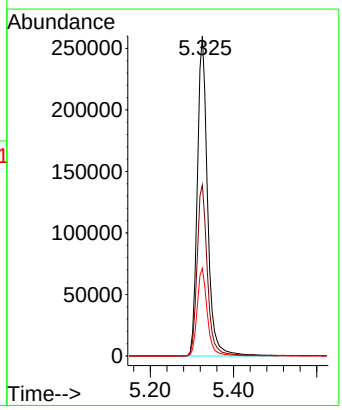


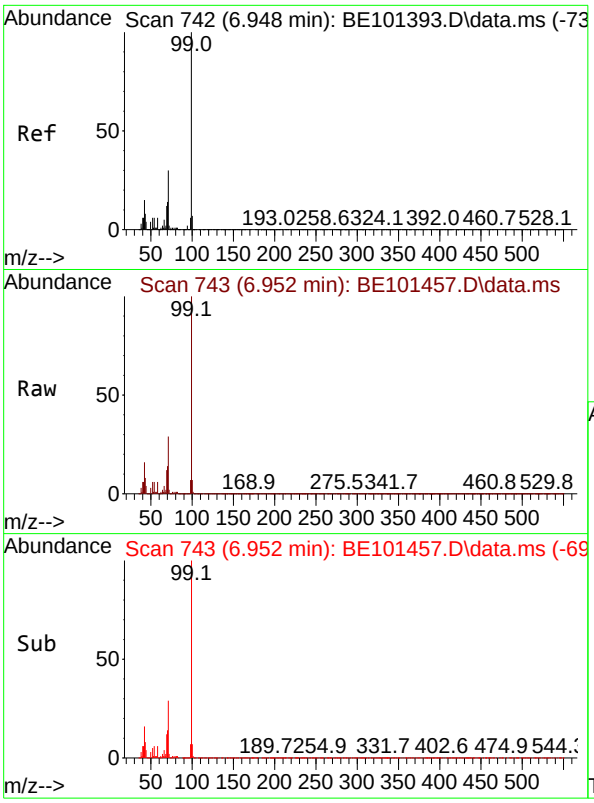




#5
2-Fluorophenol
Concen: 101.627 ng
RT: 5.325 min Scan# 466
Delta R.T. 0.005 min
Lab File: BE101457.D
Acq: 4 Nov 2024 16:18

Tgt Ion:112 Resp: 444344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 53.5 | 43.7 | 65.5 |
| 63 | 27.4 | 21.4 | 32.2 |



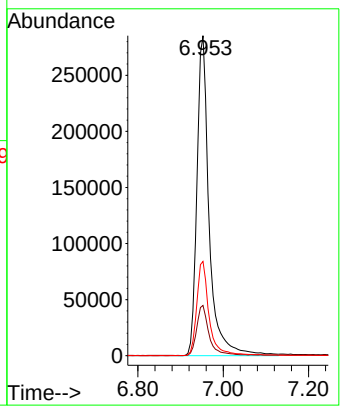


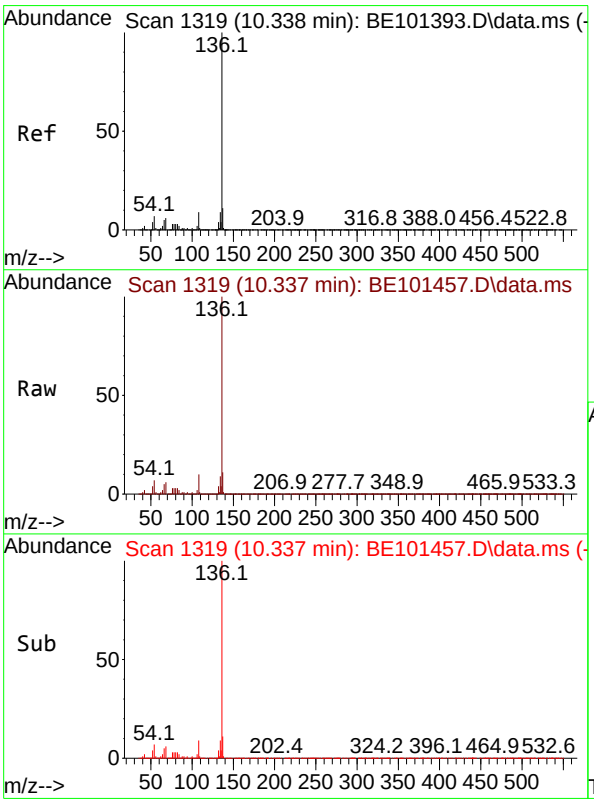

#7
Phenol-d6
Concen: 93.779 ng
RT: 6.952 min Scan# 7
Delta R.T. 0.005 min
Lab File: BE101457.D
Acq: 4 Nov 2024 16:18

**Instrument :**
BNA_E
**ClientSampleId :**
BP-F25

Tgt Ion: 99 Resp: 568550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.7 | 12.3 | 18.5 |
| 71 | 29.5 | 23.8 | 35.8 |

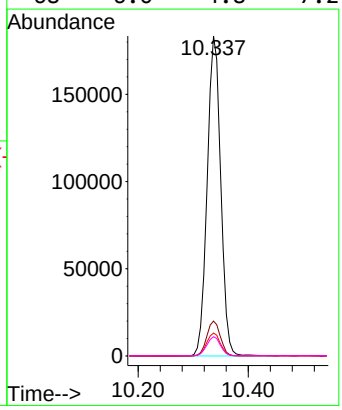


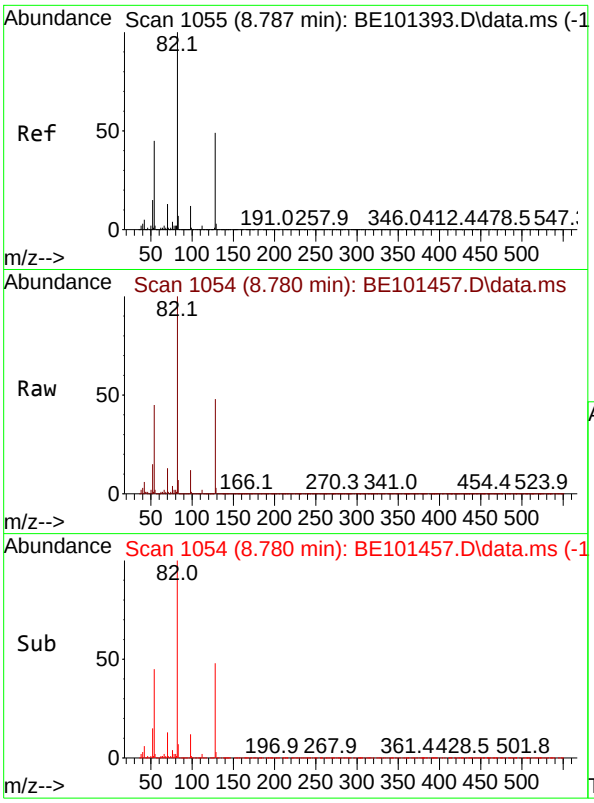




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.337 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BE101457.D
Acq: 4 Nov 2024 16:18

Tgt Ion:136 Resp: 312924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 9.0 | 13.6 |
| 54 | 7.2 | 5.9 | 8.9 |
| 68 | 6.0 | 4.8 | 7.2 |



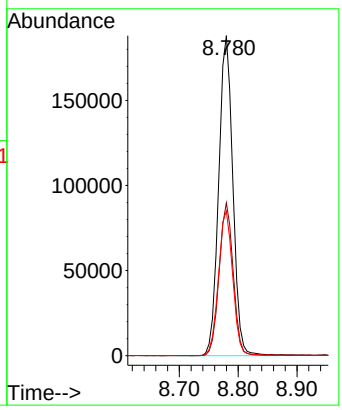


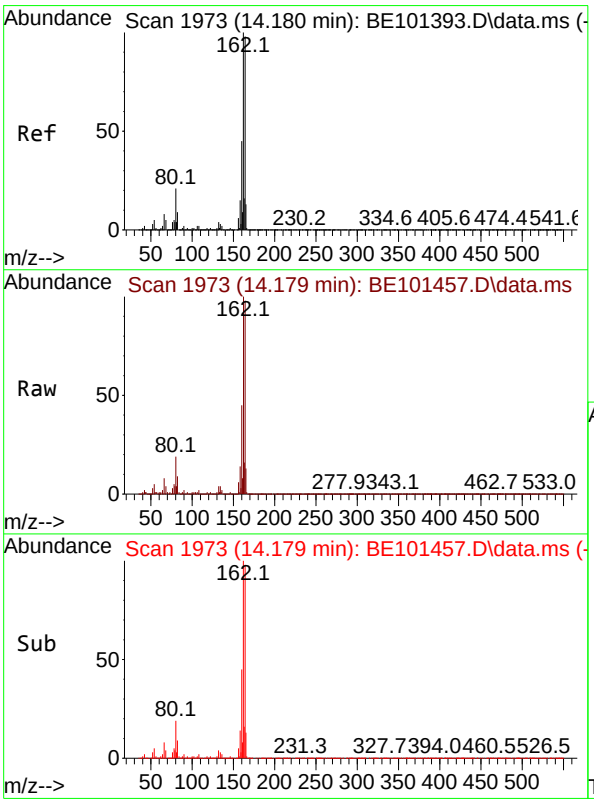

#23
Nitrobenzene-d5
Concen: 63.025 ng
RT: 8.780 min Scan# 1
Delta R.T. -0.007 min
Lab File: BE101457.D
Acq: 4 Nov 2024 16:18

**Instrument :**
BNA_E
**ClientSampleId :**
BP-F25

Tgt Ion: 82 Resp: 313998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 47.8 | 38.9 | 58.3 |
| 54 | 45.2 | 36.2 | 54.4 |

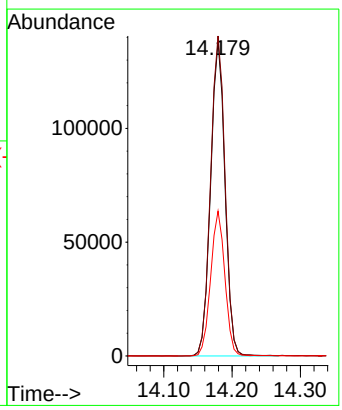


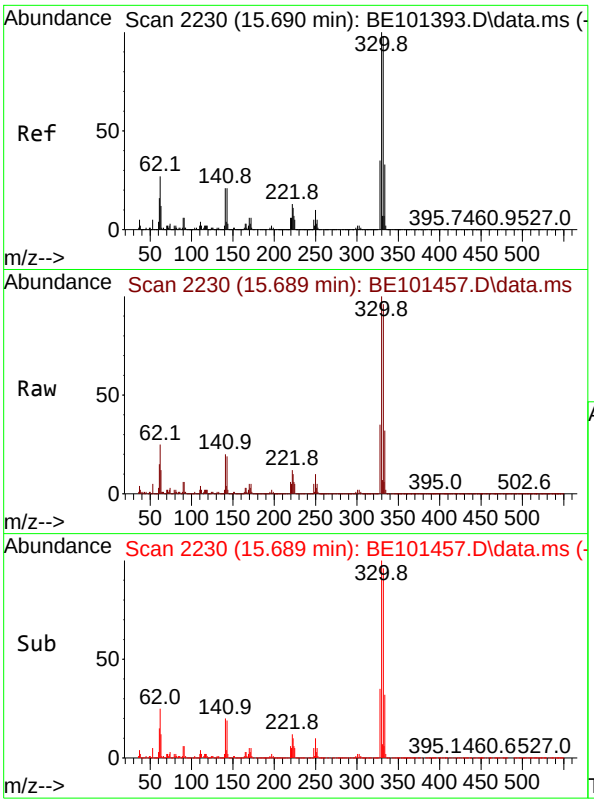




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.179 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BE101457.D
Acq: 4 Nov 2024 16:18

Tgt Ion:164 Resp: 202325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.8 | 81.3 | 121.9 |
| 160 | 46.1 | 36.4 | 54.6 |



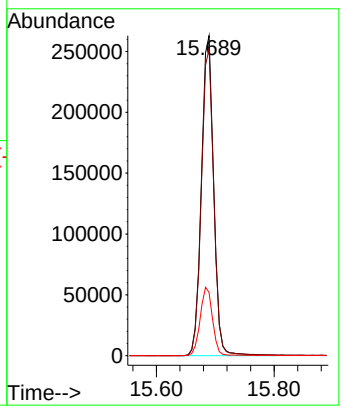


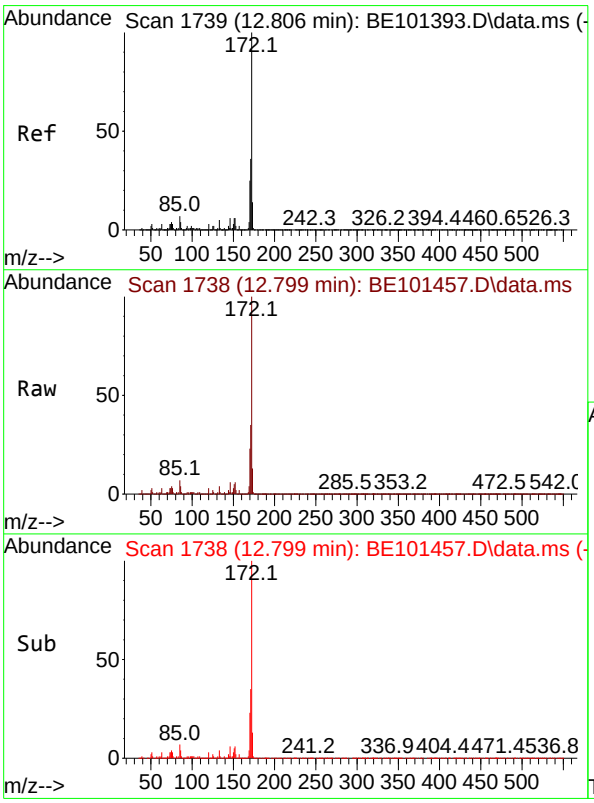

#42
2,4,6-Tribromophenol
Concen: 107.652 ng
RT: 15.689 min Scan# 2
Delta R.T. -0.001 min
Lab File: BE101457.D
Acq: 4 Nov 2024 16:18

**Instrument :**
BNA_E
**ClientSampleId :**
BP-F25

Tgt Ion:330 Resp: 381745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.7 | 78.2 | 117.2 |
| 141 | 21.5 | 18.3 | 27.5 |

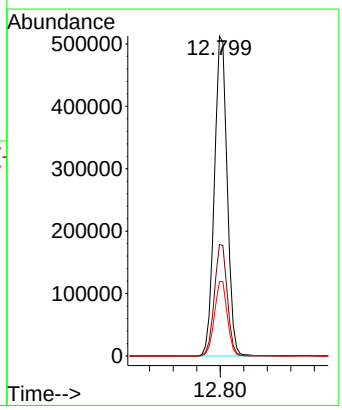


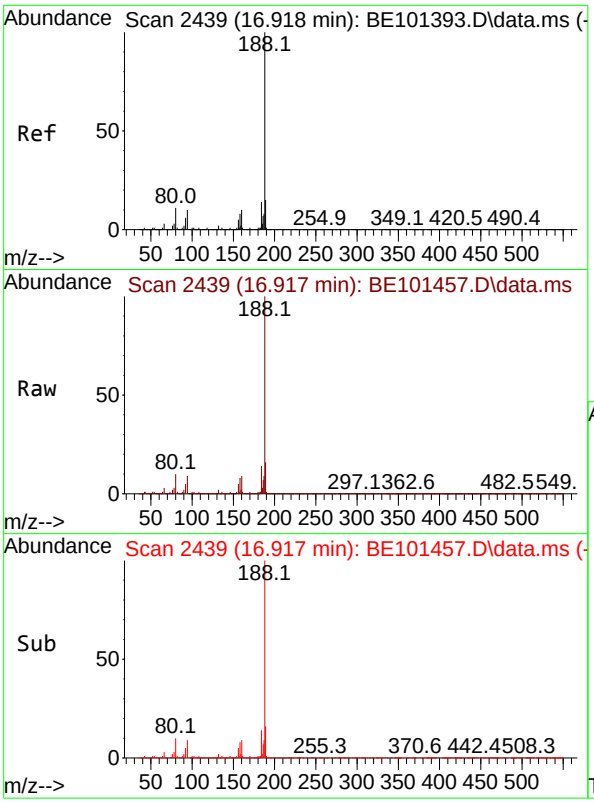




#45
2-Fluorobiphenyl
Concen: 64.773 ng
RT: 12.799 min Scan# 1738
Delta R.T. -0.007 min
Lab File: BE101457.D
Acq: 4 Nov 2024 16:18

Tgt Ion:172 Resp: 773834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.9 | 29.2 | 43.8 |
| 170 | 23.3 | 19.8 | 29.6 |



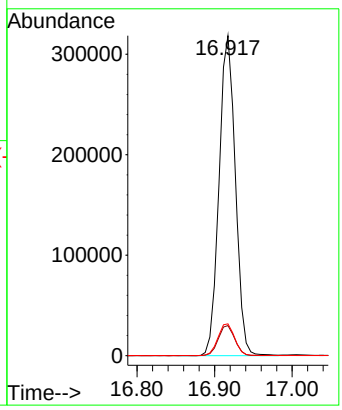


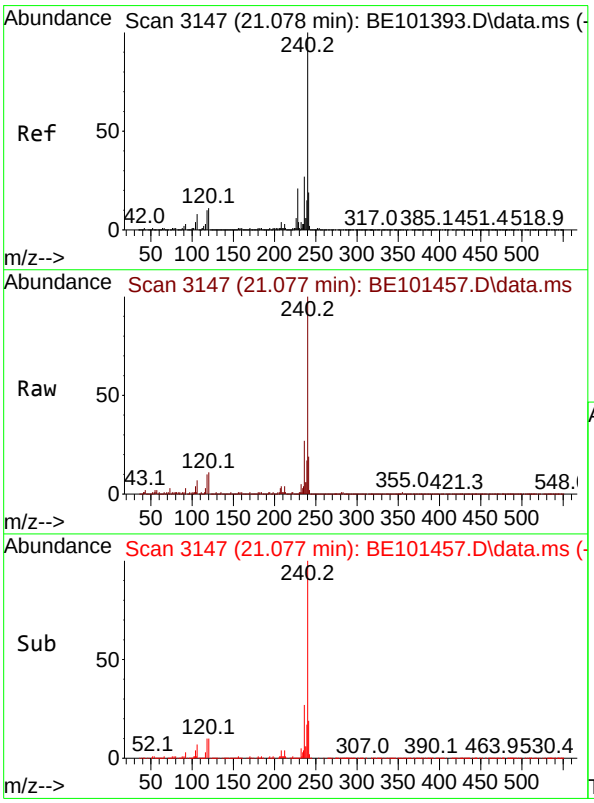

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.917 min Scan# 24
Delta R.T. -0.001 min
Lab File: BE101457.D
Acq: 4 Nov 2024 16:18

**Instrument :**
BNA_E
**ClientSampleId :**
BP-F25

Tgt Ion:188 Resp: 466049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.4 | 7.8 | 11.8 |
| 80 | 9.9 | 8.6 | 12.8 |

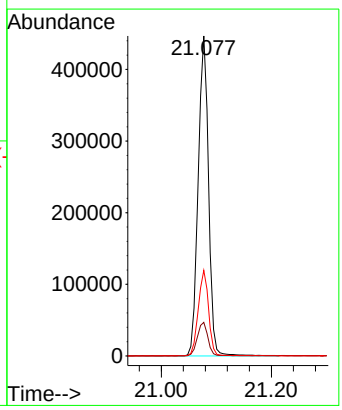


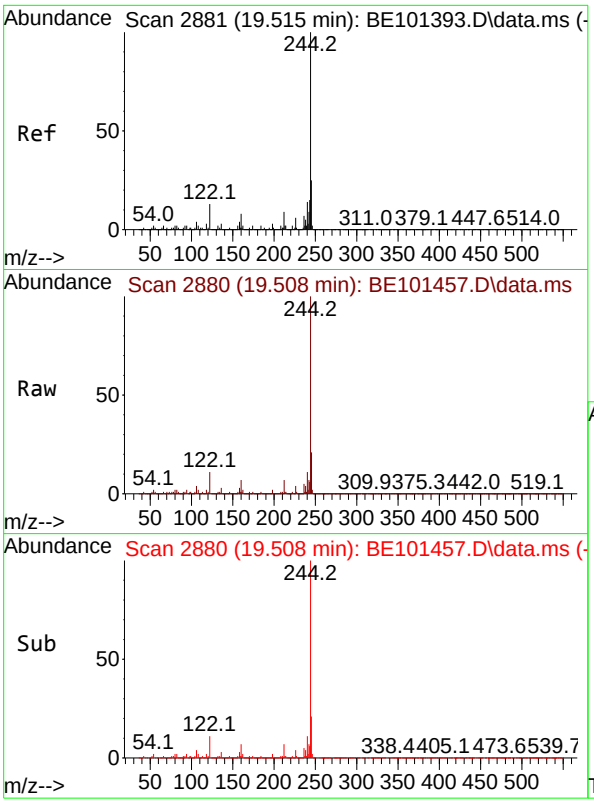




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.077 min Scan# 3147
Delta R.T. -0.001 min
Lab File: BE101457.D
Acq: 4 Nov 2024 16:18

Tgt Ion:240 Resp: 582784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.5 | 9.0 | 13.4 |
| 236 | 26.8 | 21.4 | 32.0 |



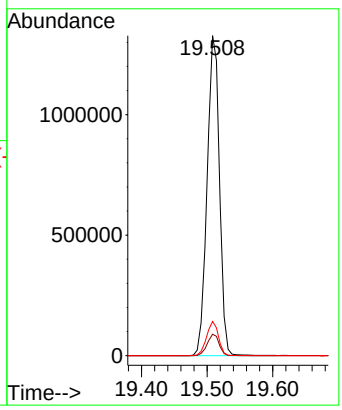


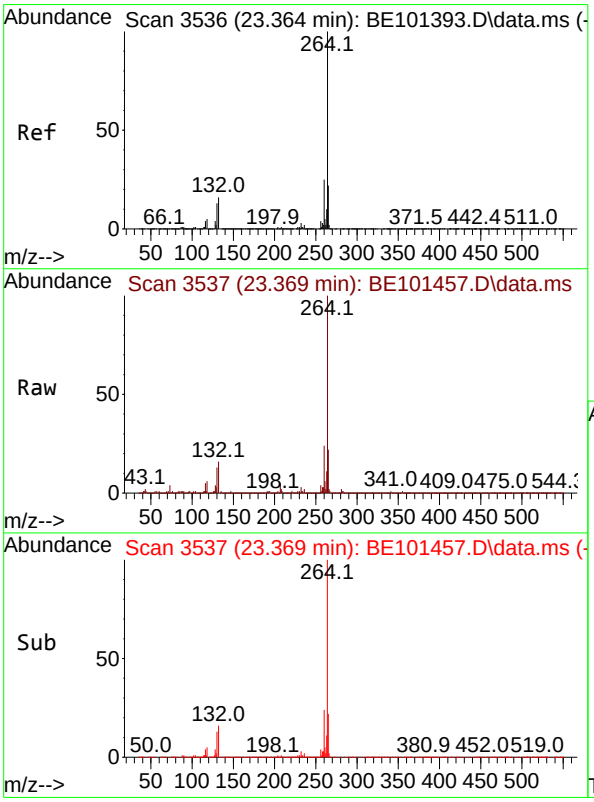

#79
Terphenyl-d14
Concen: 68.714 ng
RT: 19.508 min Scan# 2
Delta R.T. -0.007 min
Lab File: BE101457.D
Acq: 4 Nov 2024 16:18

**Instrument :**
BNA_E
**ClientSampleId :**
BP-F25

Tgt Ion:244 Resp: 1739931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.7 | 7.2 | 10.8# |
| 122 | 10.7 | 10.4 | 15.6 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.369 min Scan# 3537
Delta R.T. 0.005 min
Lab File: BE101457.D
Acq: 4 Nov 2024 16:18

Tgt Ion:264 Resp: 806913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.4 | 19.8 | 29.8 |
| 265 | 22.1 | 17.6 | 26.4 |