Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE102824\
Data File : BE101398.D
Acq On : 28 Oct 2024 17:16
Operator : RC/JU
Sample : PB164444BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
PB164444BL

Quant Time: Oct 29 02:13:34 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 | 7.570 | 152 | 118322 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.337 | 136 | 491362 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.180 | 164 | 310603 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.918 | 188 | 737589 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.072 | 240 | 1022924 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 23.363 | 264 | 1406359 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.319 | 112 | 1030313 | 152.617 | ng | 0.00 |
| 7) Phenol-d6 | 6.947 | 99 | 1284721 | 137.243 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.780 | 82 | 736289 | 94.117 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.684 | 330 | 764075 | 140.355 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.805 | 172 | 1824352 | 99.471 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.509 | 244 | 3815334 | 85.844 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |

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

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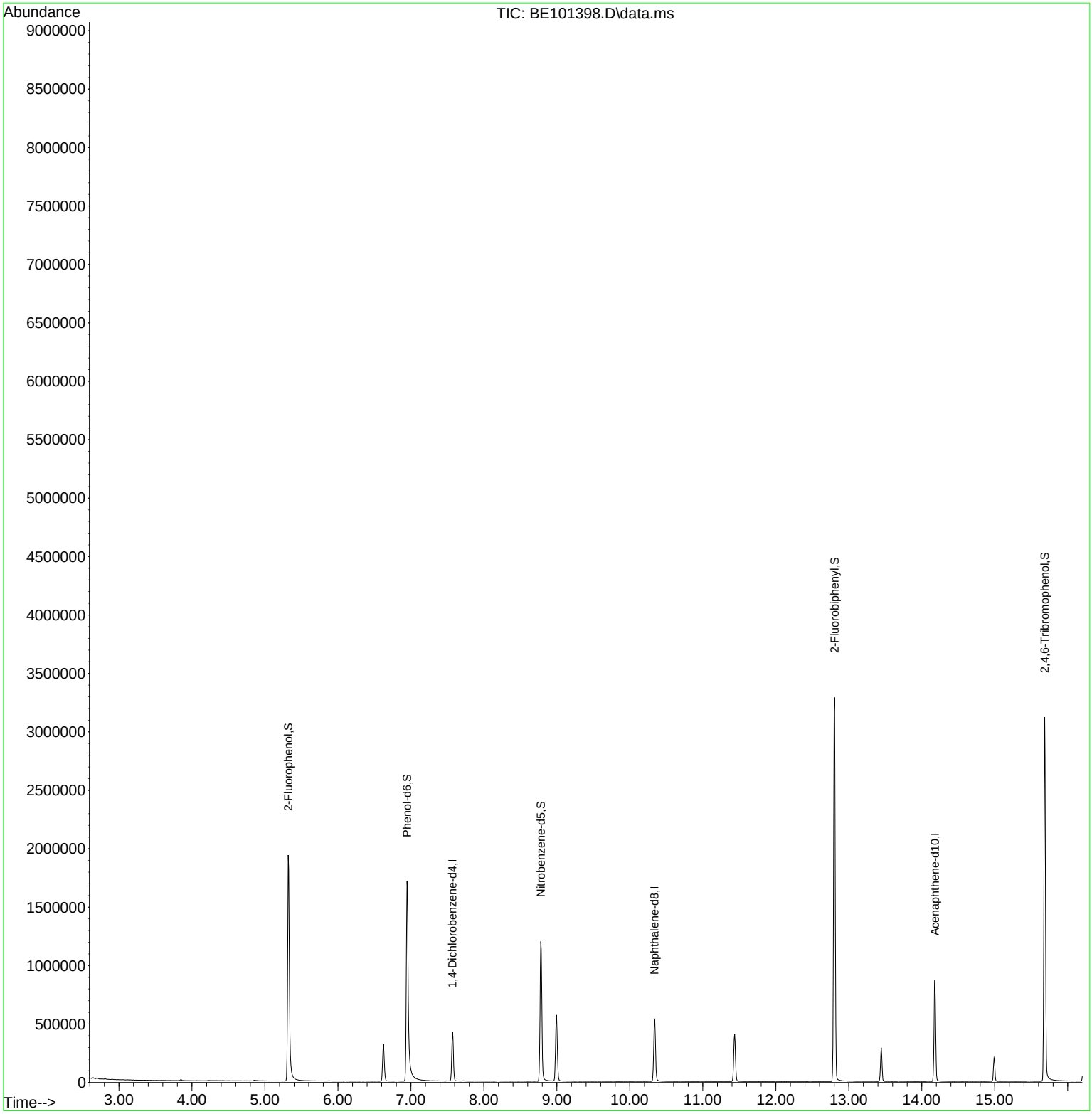
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 29 01:26:30 2024
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE102824\
Data File : BE101398.D
Acq On : 28 Oct 2024 17:16
Operator : RC/JU
Sample : PB164444BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_E
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Quant Time: Oct 29 02:13:34 2024
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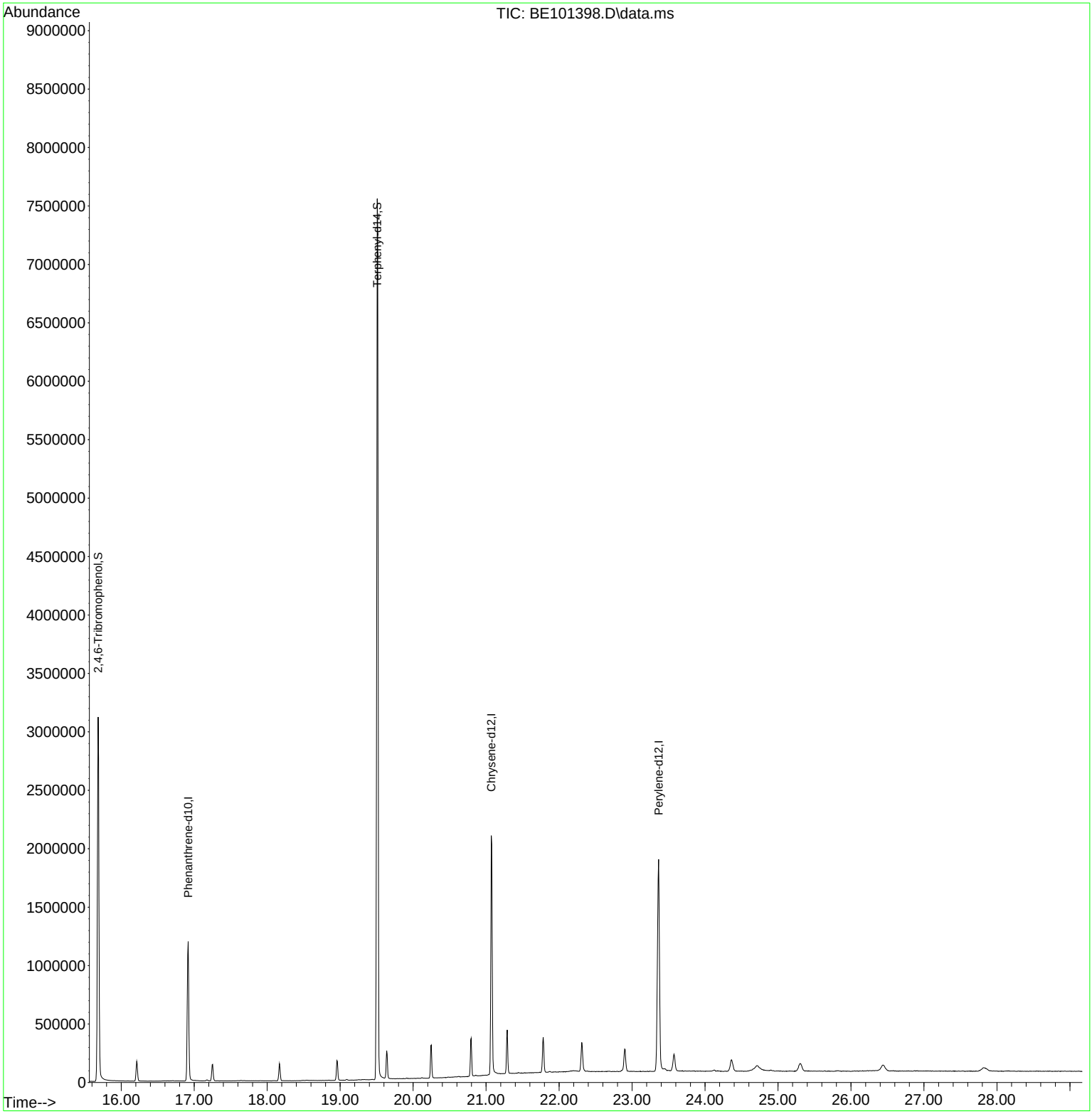
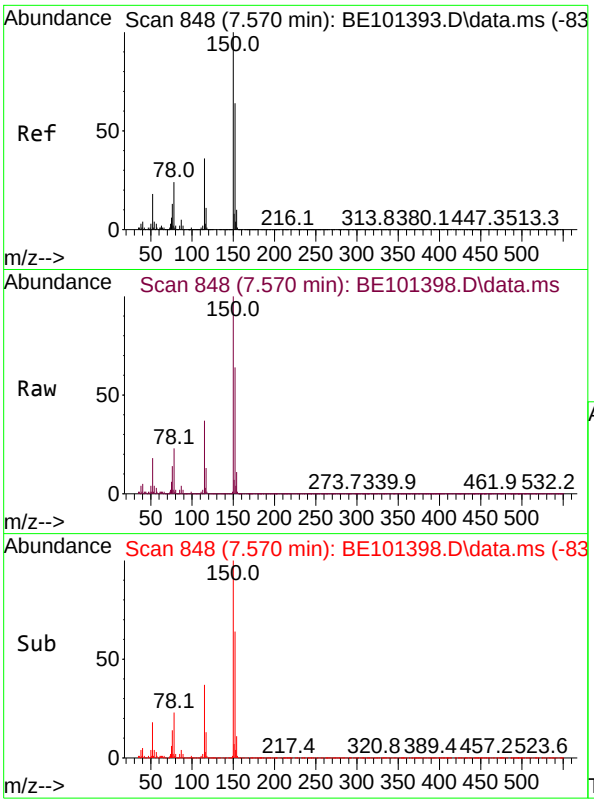


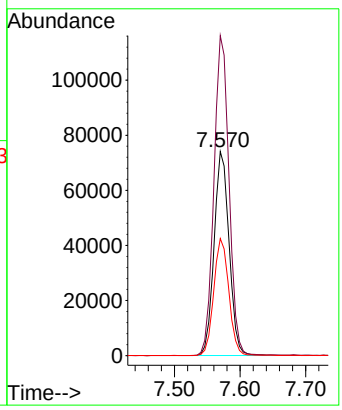


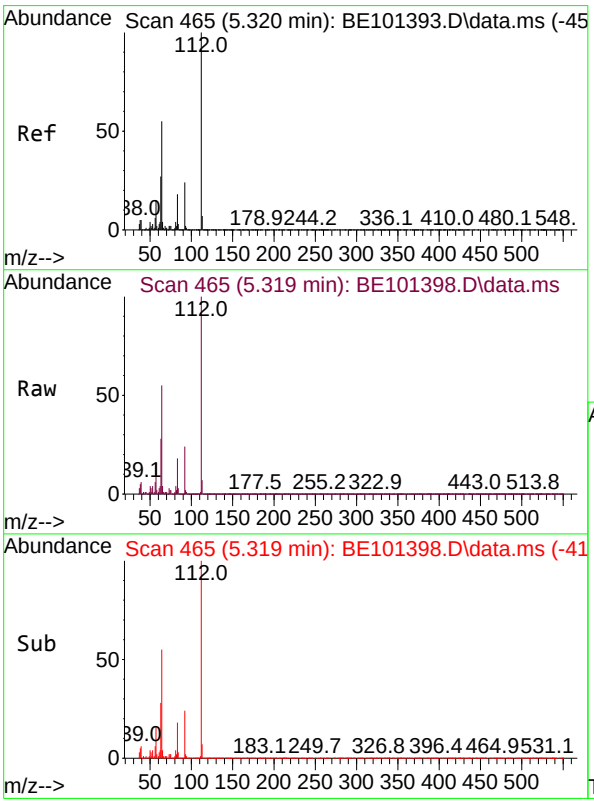

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.570 min Scan# 84
Delta R.T. -0.000 min
Lab File: BE101398.D
Acq: 28 Oct 2024 17:16

**Instrument :**
BNA_E
**ClientSampleId :**
PB164444BL

Tgt Ion:152 Resp: 118322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.8 | 124.2 | 186.4 |
| 115 | 57.3 | 45.3 | 67.9 |

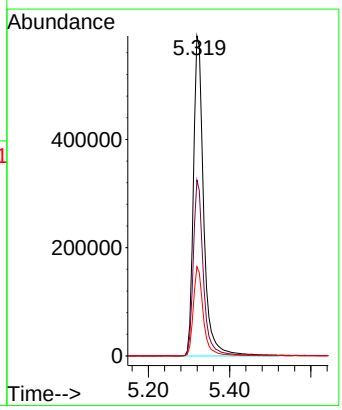


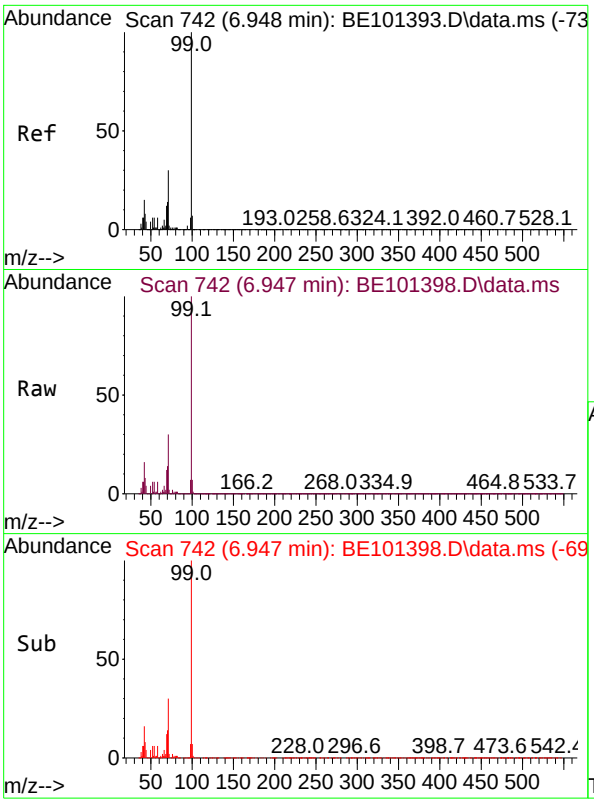




#5
2-Fluorophenol
Concen: 152.617 ng
RT: 5.319 min Scan# 465
Delta R.T. -0.001 min
Lab File: BE101398.D
Acq: 28 Oct 2024 17:16

Tgt Ion:112 Resp: 1030313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.0 | 43.7 | 65.5 |
| 63 | 27.9 | 21.4 | 32.2 |



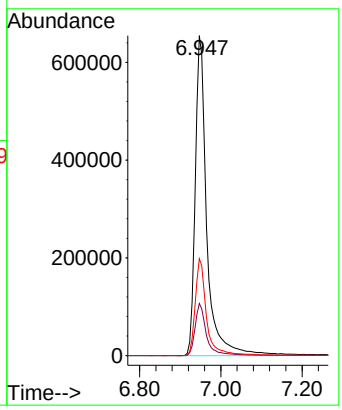


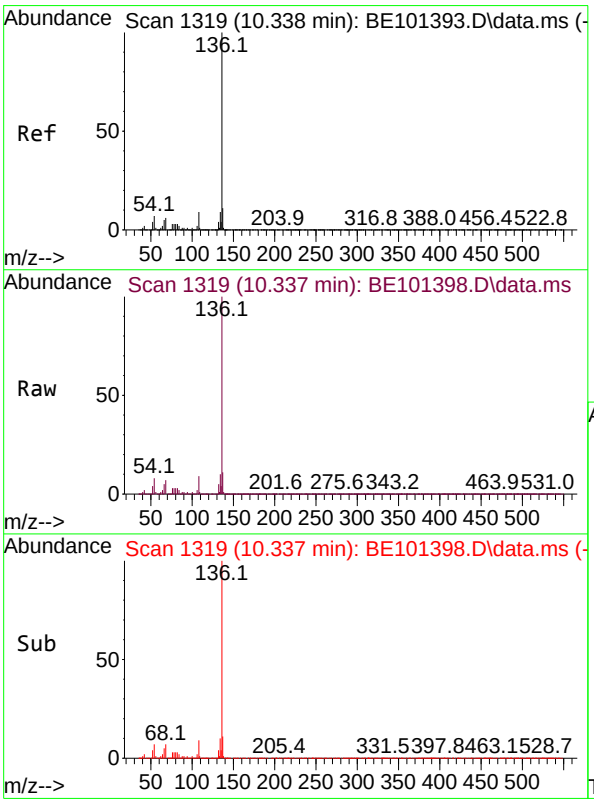

#7
Phenol-d6
Concen: 137.243 ng
RT: 6.947 min Scan# 74
Delta R.T. -0.001 min
Lab File: BE101398.D
Acq: 28 Oct 2024 17:16

**Instrument :**
BNA_E
**ClientSampleId :**
PB164444BL

Tgt Ion: 99 Resp: 1284721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.3 | 12.3 | 18.5 |
| 71 | 30.3 | 23.8 | 35.8 |

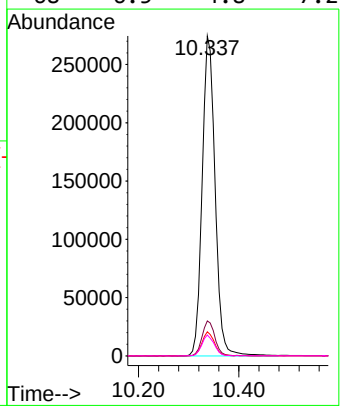


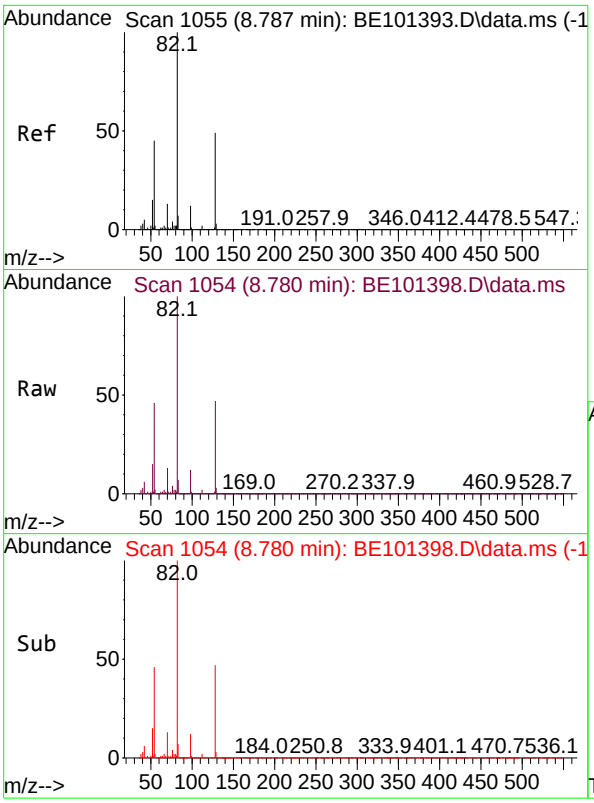




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.337 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BE101398.D
Acq: 28 Oct 2024 17:16

Tgt Ion:136 Resp: 491362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 9.0 | 13.6 |
| 54 | 7.5 | 5.9 | 8.9 |
| 68 | 6.5 | 4.8 | 7.2 |



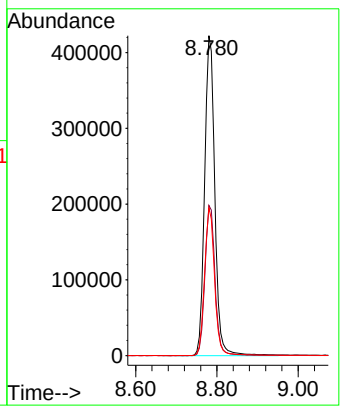


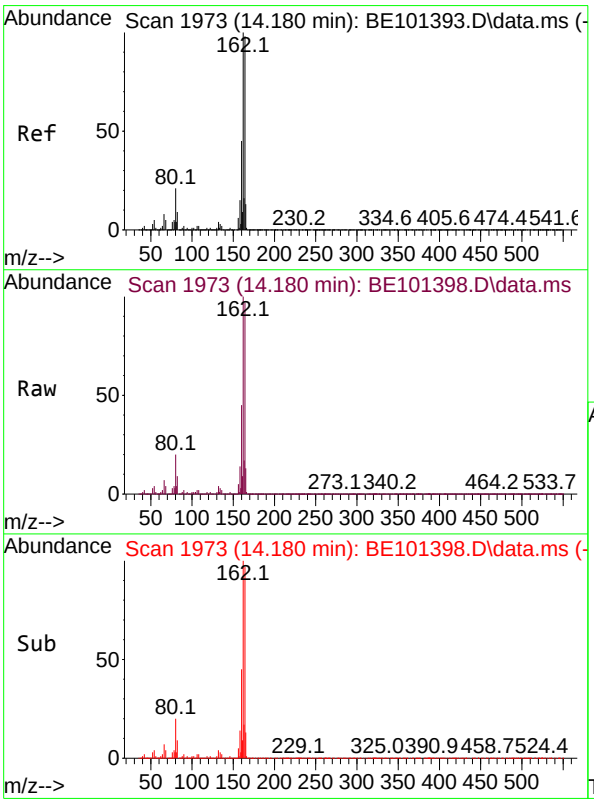

#23
Nitrobenzene-d5
Concen: 94.117 ng
RT: 8.780 min Scan# 1
Delta R.T. -0.007 min
Lab File: BE101398.D
Acq: 28 Oct 2024 17:16

**Instrument :**
BNA_E
**ClientSampleId :**
PB164444BL

Tgt Ion: 82 Resp: 736289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.9 | 38.9 | 58.3 |
| 54 | 46.2 | 36.2 | 54.4 |

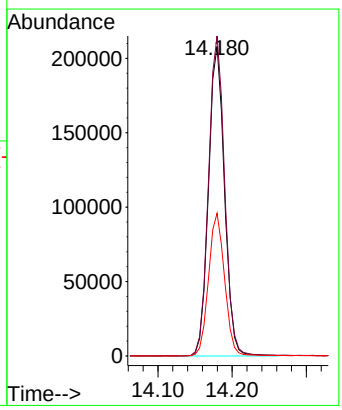


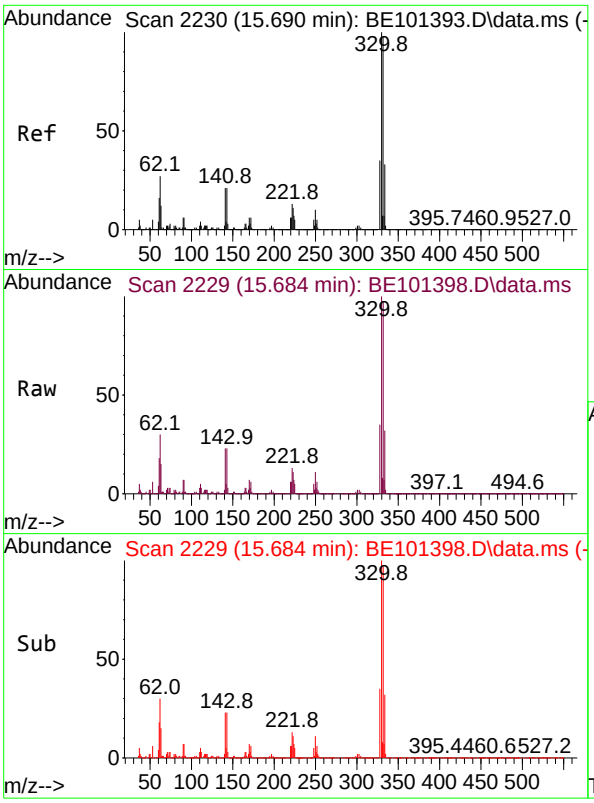




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.180 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BE101398.D
Acq: 28 Oct 2024 17:16

Tgt Ion:164 Resp: 310603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.4 | 81.3 | 121.9 |
| 160 | 46.1 | 36.4 | 54.6 |



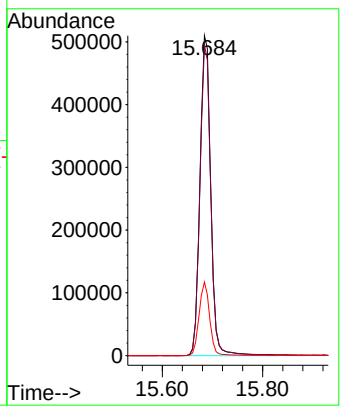


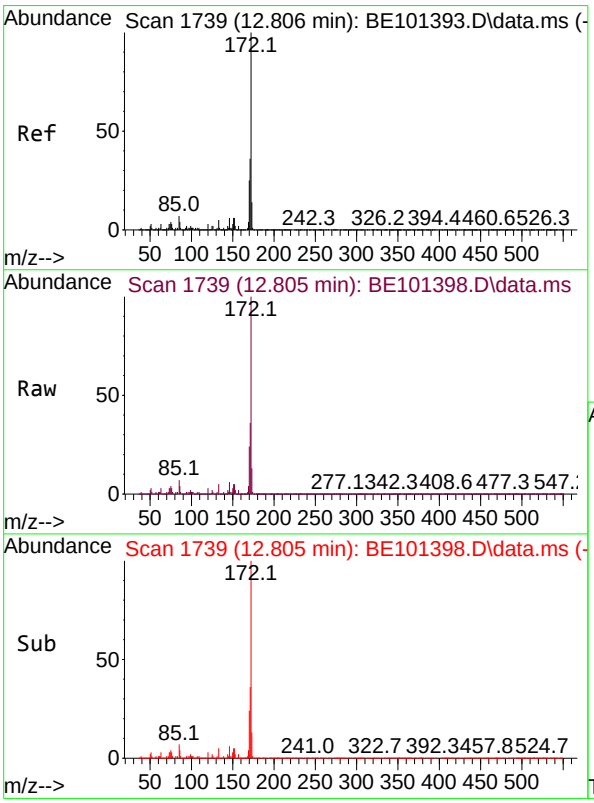

#42
2,4,6-Tribromophenol
Concen: 140.355 ng
RT: 15.684 min Scan# 2
Delta R.T. -0.007 min
Lab File: BE101398.D
Acq: 28 Oct 2024 17:16

**Instrument :**
BNA_E
**ClientSampleId :**
PB164444BL

Tgt Ion:330 Resp: 764075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.1 | 78.2 | 117.2 |
| 141 | 22.5 | 18.3 | 27.5 |

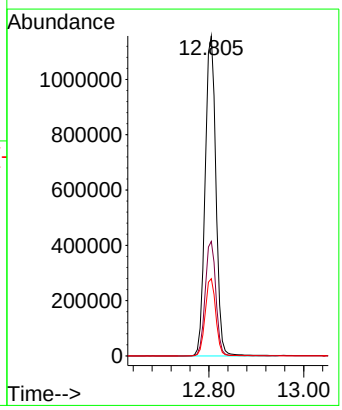


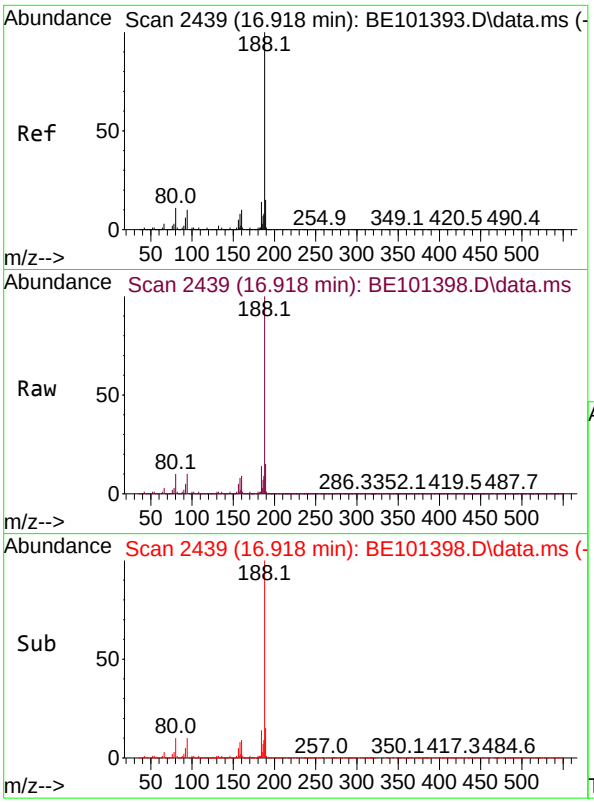




#45
2-Fluorobiphenyl
Concen: 99.471 ng
RT: 12.805 min Scan# 1739
Delta R.T. -0.001 min
Lab File: BE101398.D
Acq: 28 Oct 2024 17:16

Tgt Ion:172 Resp: 1824352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 29.2 | 43.8 |
| 170 | 24.1 | 19.8 | 29.6 |



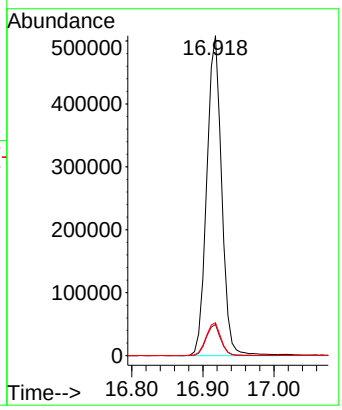


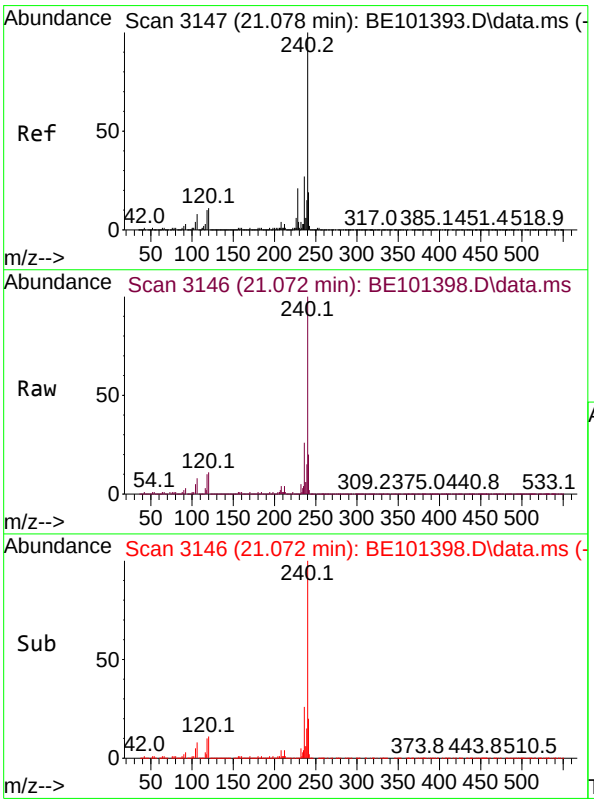

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.918 min Scan# 24
Delta R.T. -0.001 min
Lab File: BE101398.D
Acq: 28 Oct 2024 17:16

**Instrument :**
BNA_E
**ClientSampleId :**
PB164444BL

Tgt Ion:188 Resp: 737589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.7 | 7.8 | 11.8 |
| 80 | 10.3 | 8.6 | 12.8 |

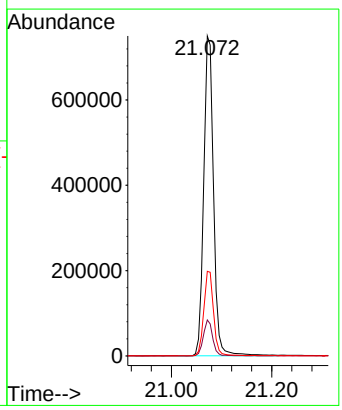


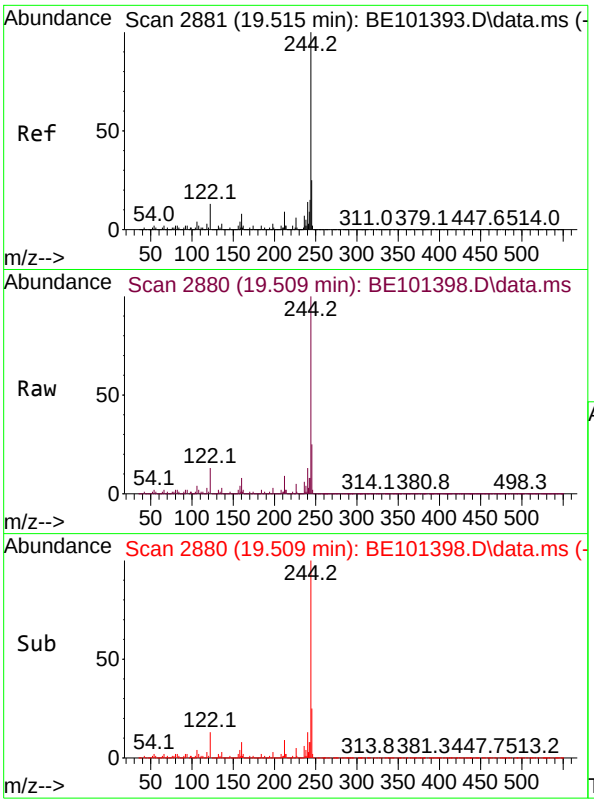




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.072 min Scan# 3146
Delta R.T. -0.007 min
Lab File: BE101398.D
Acq: 28 Oct 2024 17:16

Tgt Ion:240 Resp: 1022924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.3 | 9.0 | 13.4 |
| 236 | 26.4 | 21.4 | 32.0 |



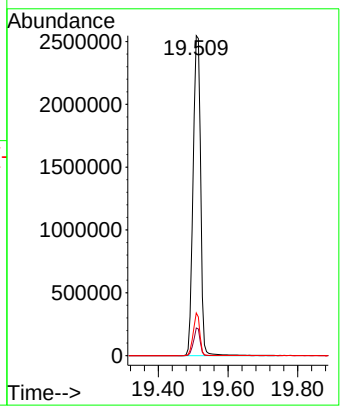


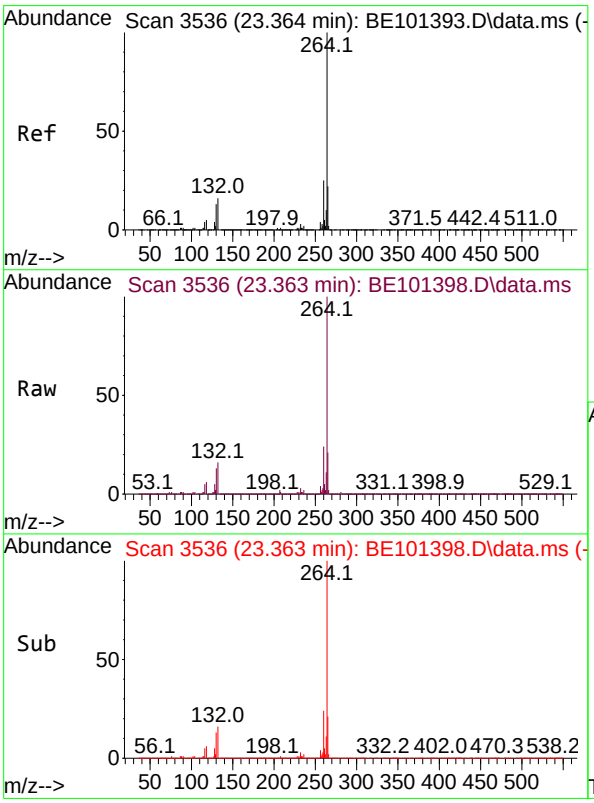

#79
Terphenyl-d14
Concen: 85.844 ng
RT: 19.509 min Scan# 28
Delta R.T. -0.006 min
Lab File: BE101398.D
Acq: 28 Oct 2024 17:16

**Instrument :**
BNA_E
**ClientSampleId :**
PB164444BL

Tgt Ion:244 Resp: 3815334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.6 | 7.2 | 10.8 |
| 122 | 13.3 | 10.4 | 15.6 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.363 min Scan# 3536
Delta R.T. -0.001 min
Lab File: BE101398.D
Acq: 28 Oct 2024 17:16

Tgt Ion:264 Resp: 1406359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.1 | 19.8 | 29.8 |
| 265 | 21.4 | 17.6 | 26.4 |