Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
Data File : BF141765.D
Acq On : 25 Feb 2025 15:35
Operator : RC/JU
Sample : Q1421-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
P001-CLAY-CF02-01

Quant Time: Feb 25 15:56:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.781 | 152 | 69940 | 20.000 | ng | -0.01 |
| 21) Naphthalene-d8 | 8.063 | 136 | 276004 | 20.000 | ng | -0.01 |
| 39) Acenaphthene-d10 | 9.816 | 164 | 146596 | 20.000 | ng | -0.02 |
| 64) Phenanthrene-d10 | 11.298 | 188 | 233192 | 20.000 | ng | -0.02 |
| 76) Chrysene-d12 | 13.939 | 240 | 154690 | 20.000 | ng | -0.02 |
| 86) Perylene-d12 | 15.386 | 264 | 165233 | 20.000 | ng | -0.03 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.404 | 112 | 481259 | 107.877 | ng | 0.00 |
| 7) Phenol-d6 | 6.422 | 99 | 588829 | 104.429 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 7.345 | 82 | 381617 | 72.117 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.604 | 330 | 124680 | 84.665 | ng | -0.02 |
| 45) 2-Fluorobiphenyl | 9.134 | 172 | 732651 | 76.998 | ng | -0.02 |
| 79) Terphenyl-d14 | 12.880 | 244 | 661408 | 72.181 | ng | -0.02 |
| Target Compounds | | | | | | Qvalue |

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

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Misc :
ALS Vial : 12 Sample Multiplier: 1

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**ClientSampleId :**
P001-CLAY-CF02-01

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
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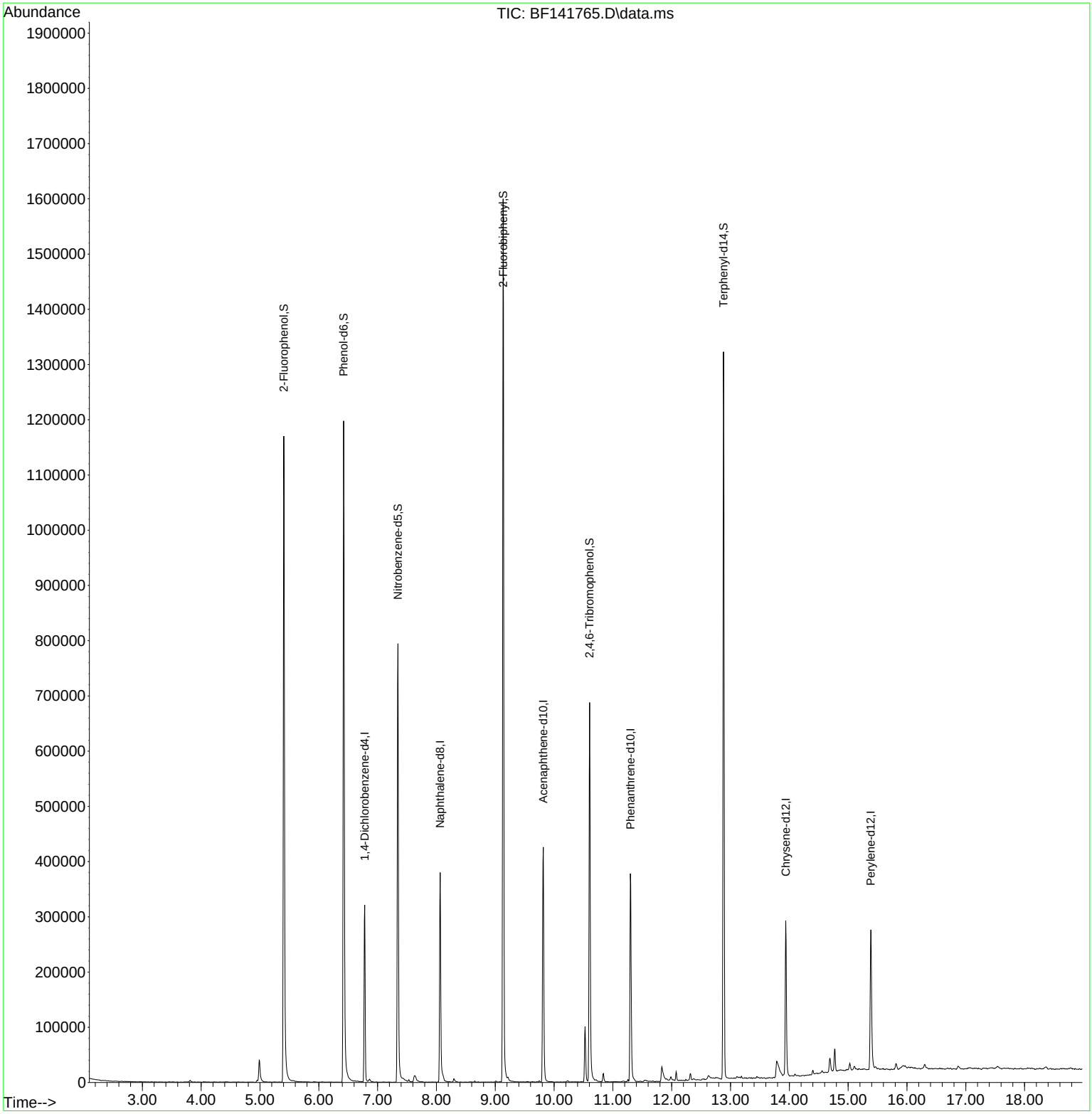
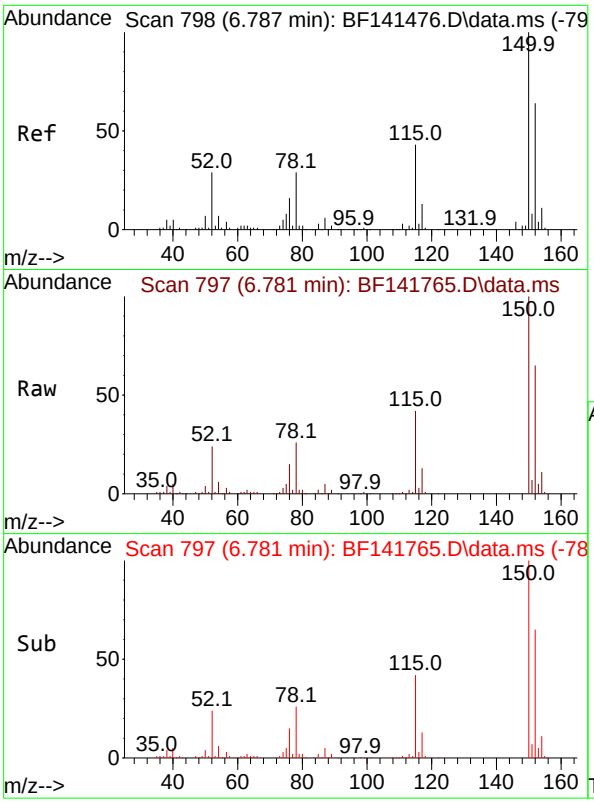


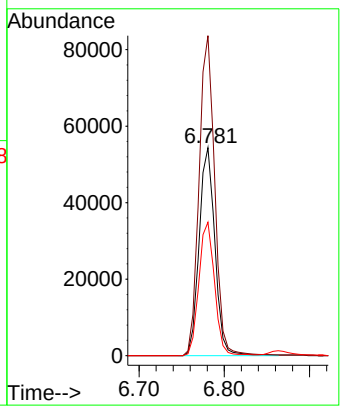


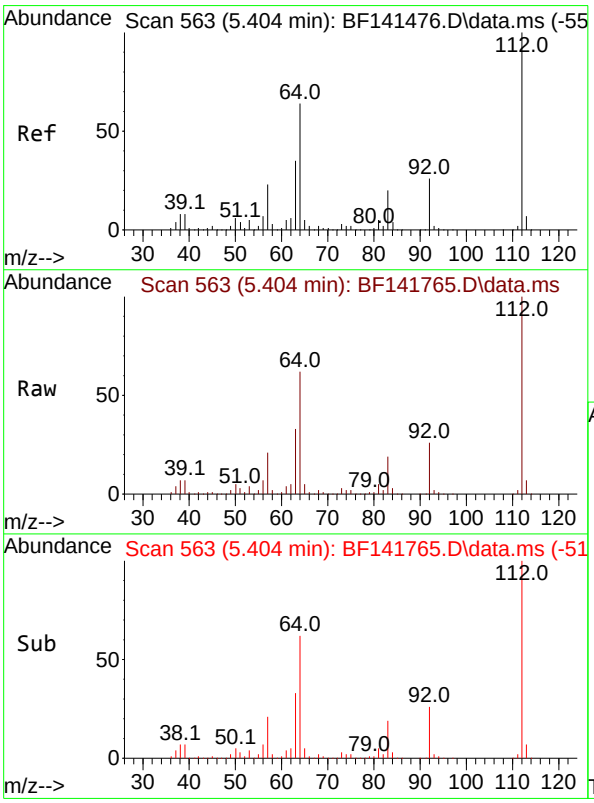

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 7
Delta R.T. -0.011 min
Lab File: BF141765.D
Acq: 25 Feb 2025 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
P001-CLAY-CF02-01

Tgt Ion:152 Resp: 69940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.8 | 125.0 | 187.4 |
| 115 | 64.2 | 53.6 | 80.4 |

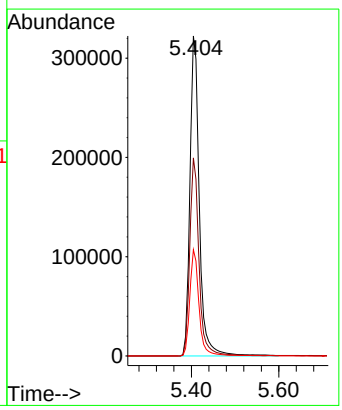


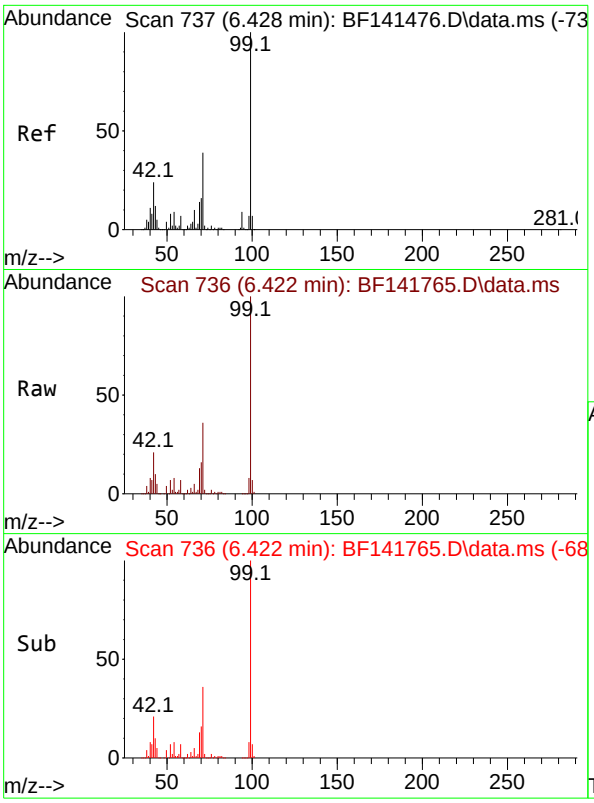




#5
2-Fluorophenol
Concen: 107.877 ng
RT: 5.404 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF141765.D
Acq: 25 Feb 2025 15:35

Tgt Ion:112 Resp: 481259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 61.9 | 51.1 | 76.7 |
| 63 | 33.2 | 28.4 | 42.6 |



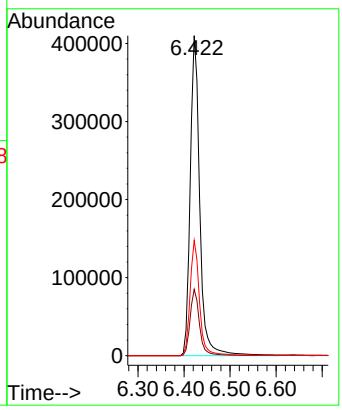


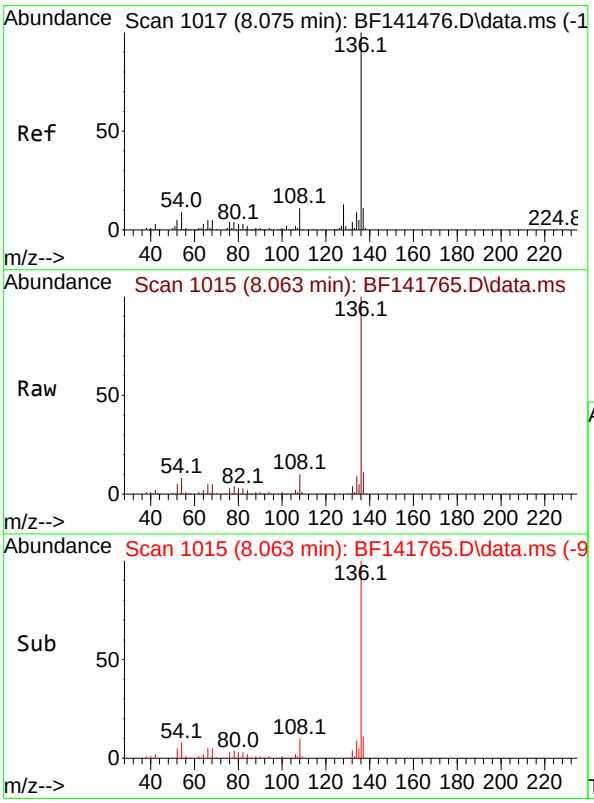

#7
Phenol-d6
Concen: 104.429 ng
RT: 6.422 min Scan# 7
Delta R.T. -0.017 min
Lab File: BF141765.D
Acq: 25 Feb 2025 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
P001-CLAY-CF02-01

Tgt Ion: 99 Resp: 588829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.8 | 19.1 | 28.7 |
| 71 | 36.0 | 31.1 | 46.7 |

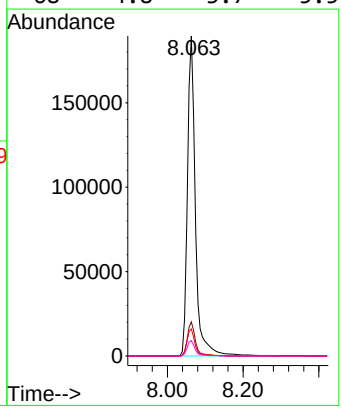


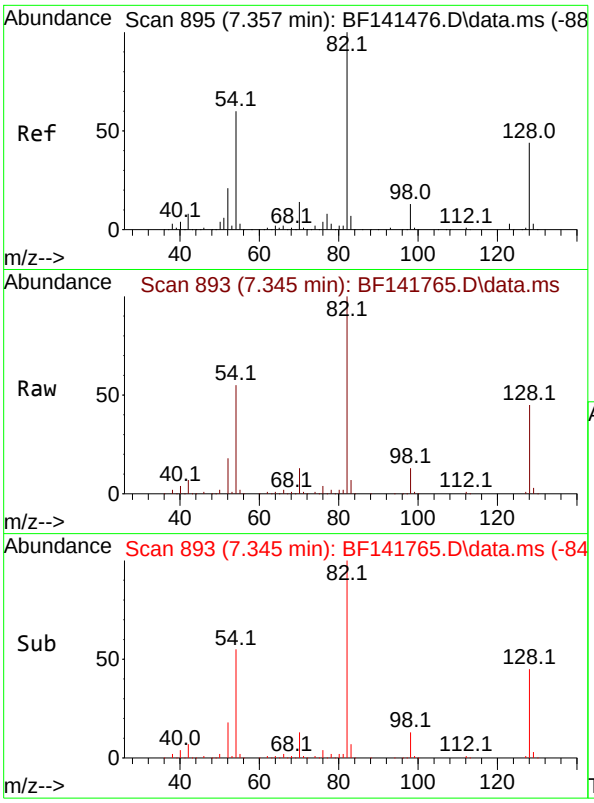




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141765.D
Acq: 25 Feb 2025 15:35

Tgt Ion:136 Resp: 276004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.6 | 8.6 | 13.0 |
| 54 | 8.4 | 7.2 | 10.8 |
| 68 | 4.8 | 3.7 | 5.5 |



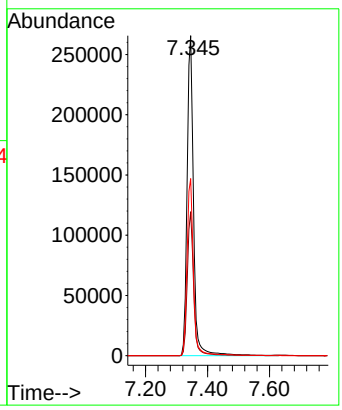


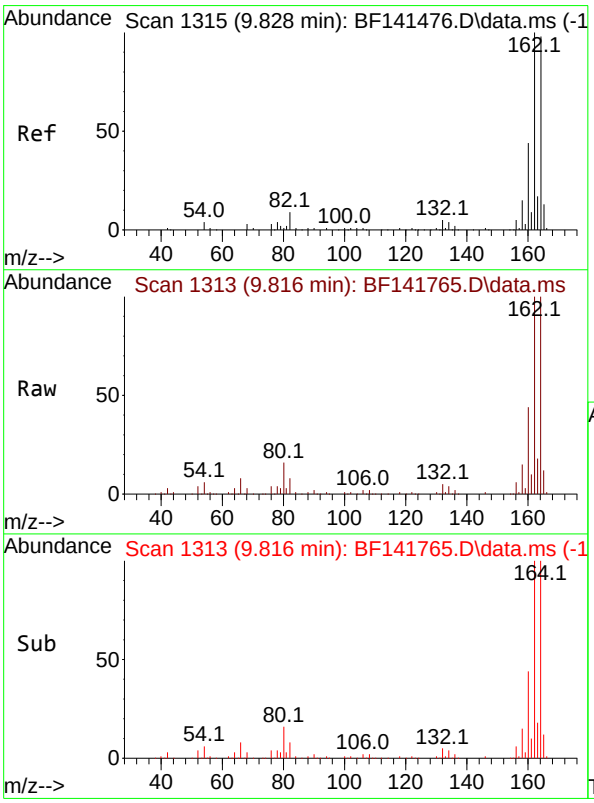

#23
Nitrobenzene-d5
Concen: 72.117 ng
RT: 7.345 min Scan# 8
Delta R.T. -0.017 min
Lab File: BF141765.D
Acq: 25 Feb 2025 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
P001-CLAY-CF02-01

Tgt Ion: 82 Resp: 381617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.0 | 34.8 | 52.2 |
| 54 | 55.4 | 48.2 | 72.4 |

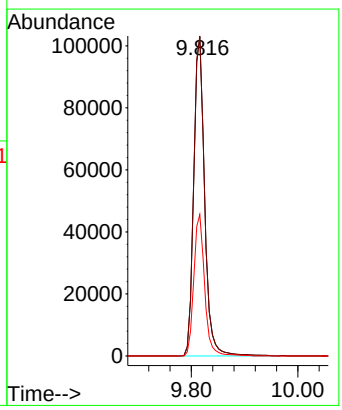


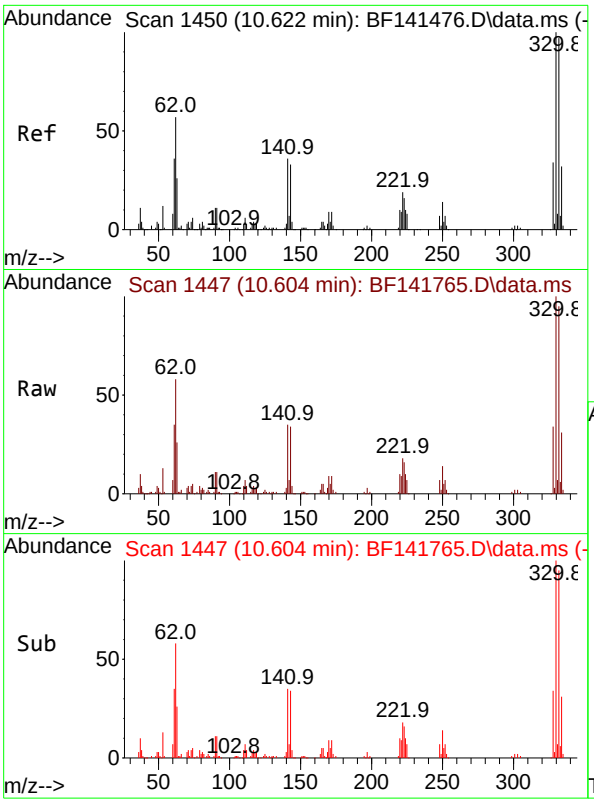




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1313
Delta R.T. -0.017 min
Lab File: BF141765.D
Acq: 25 Feb 2025 15:35

Tgt Ion:164 Resp: 146596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.3 | 81.3 | 121.9 |
| 160 | 44.3 | 35.9 | 53.9 |



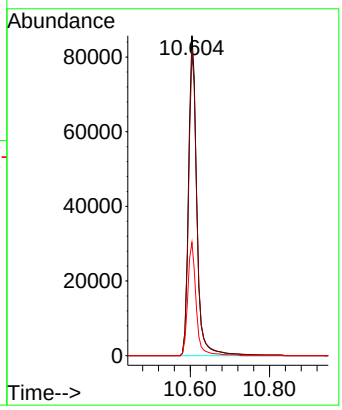


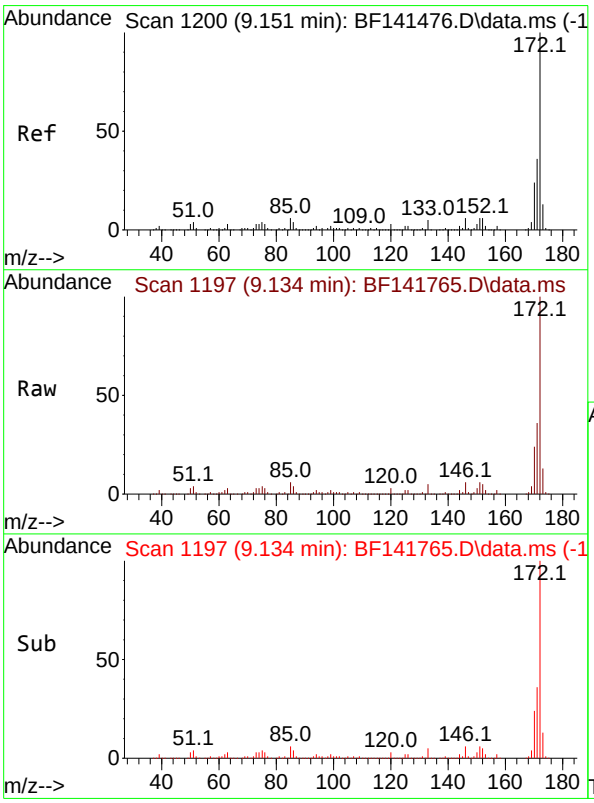

#42
2,4,6-Tribromophenol
Concen: 84.665 ng
RT: 10.604 min Scan# 14
Delta R.T. -0.023 min
Lab File: BF141765.D
Acq: 25 Feb 2025 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
P001-CLAY-CF02-01

Tgt Ion:330 Resp: 124680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 78.5 | 117.7 |
| 141 | 35.4 | 31.0 | 46.4 |

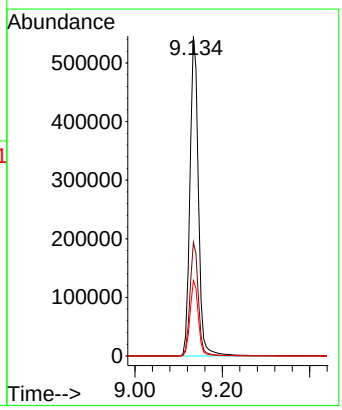


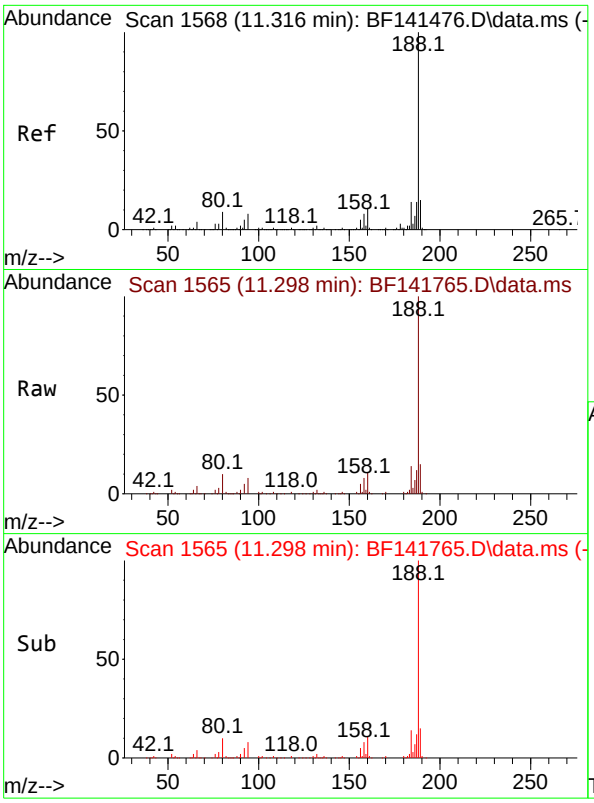




#45
2-Fluorobiphenyl
Concen: 76.998 ng
RT: 9.134 min Scan# 1197
Delta R.T. -0.017 min
Lab File: BF141765.D
Acq: 25 Feb 2025 15:35

Tgt Ion:172 Resp: 732651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.5 | 28.7 | 43.1 |
| 170 | 23.6 | 18.9 | 28.3 |



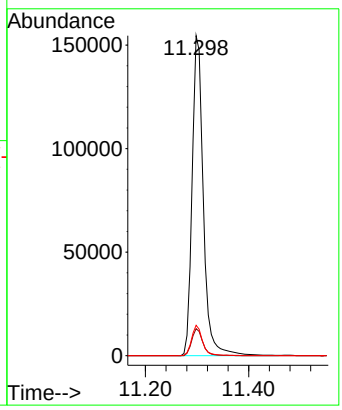


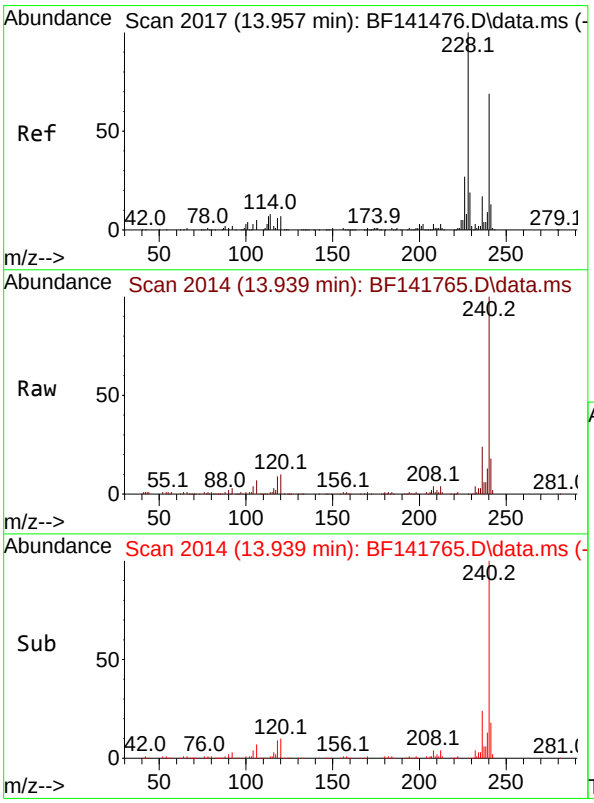

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF141765.D
Acq: 25 Feb 2025 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
P001-CLAY-CF02-01

Tgt Ion:188 Resp: 233192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.5 | 6.6 | 10.0 |
| 80 | 9.5 | 7.3 | 10.9 |

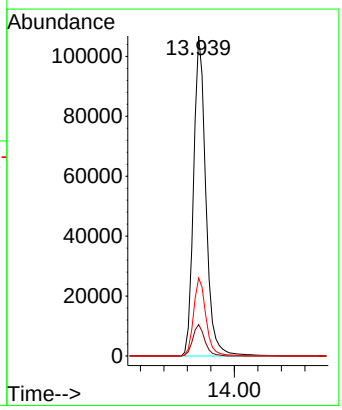


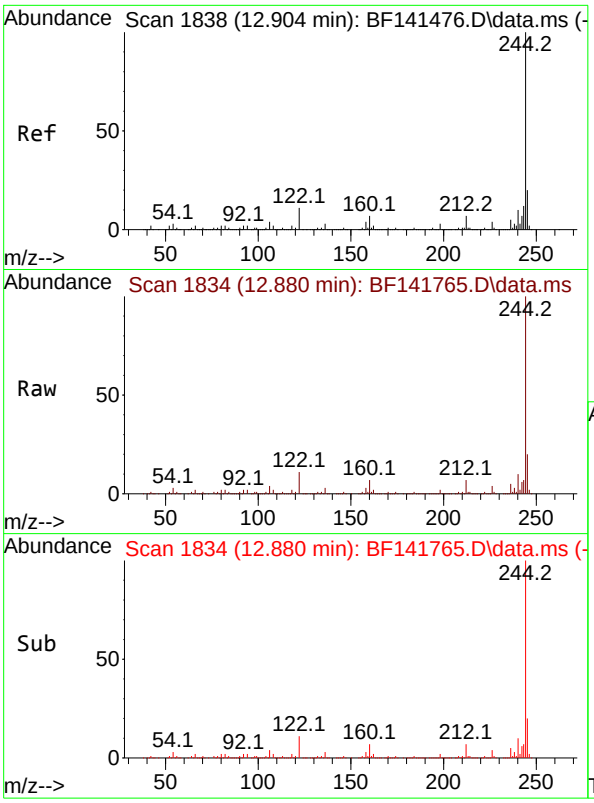




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141765.D
Acq: 25 Feb 2025 15:35

Tgt Ion:240 Resp: 154690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.8 | 8.0 | 12.0 |
| 236 | 24.3 | 19.8 | 29.8 |



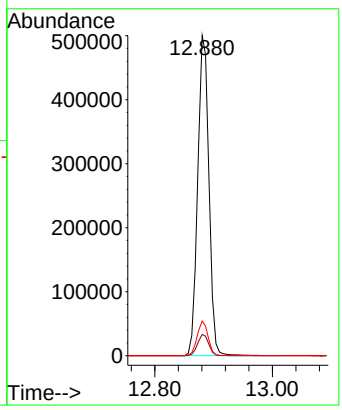


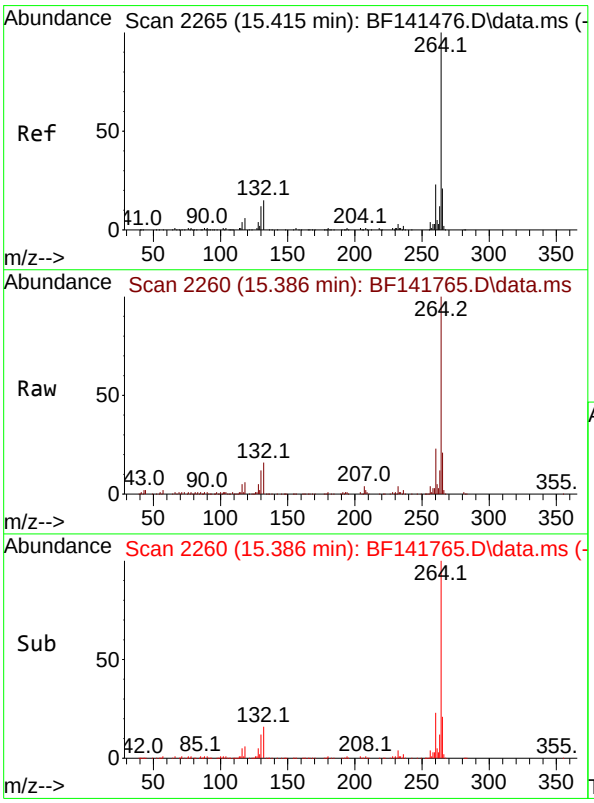

#79
Terphenyl-d14
Concen: 72.181 ng
RT: 12.880 min Scan# 1
Delta R.T. -0.023 min
Lab File: BF141765.D
Acq: 25 Feb 2025 15:35

**Instrument :**
BNA_F
**ClientSampleId :**
P001-CLAY-CF02-01

Tgt Ion:244 Resp: 661408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.7 | 5.6 | 8.4 |
| 122 | 10.8 | 8.4 | 12.6 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.386 min Scan# 2260
Delta R.T. -0.029 min
Lab File: BF141765.D
Acq: 25 Feb 2025 15:35

Tgt Ion:264 Resp: 165233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.2 | 18.6 | 28.0 |
| 265 | 21.2 | 17.0 | 25.4 |