Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141454.D
Acq On : 05 Feb 2025 18:27
Operator : RC/JU
Sample : Q1207-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-20.2-012725

Quant Time: Feb 06 01:44:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.792 | 152 | 67649 | 20.000 | ng | -0.01 |
| 21) Naphthalene-d8 | 8.069 | 136 | 271784 | 20.000 | ng | #-0.02 |
| 39) Acenaphthene-d10 | 9.822 | 164 | 146327 | 20.000 | ng | -0.02 |
| 64) Phenanthrene-d10 | 11.310 | 188 | 252173 | 20.000 | ng | -0.02 |
| 76) Chrysene-d12 | 13.957 | 240 | 148665 | 20.000 | ng | #-0.02 |
| 86) Perylene-d12 | 15.421 | 264 | 147857 | 20.000 | ng | -0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.422 | 112 | 670544 | 152.171 | ng | 0.01 |
| 7) Phenol-d6 | 6.434 | 99 | 763998 | 136.290 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.351 | 82 | 596482 | 115.696 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.616 | 330 | 246838 | 184.004 | ng | -0.02 |
| 45) 2-Fluorobiphenyl | 9.145 | 172 | 1096891 | 115.380 | ng | -0.02 |
| 79) Terphenyl-d14 | 12.904 | 244 | 1202582 | 124.751 | ng | -0.01 |
| Target Compounds | | | | | | Qvalue |

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

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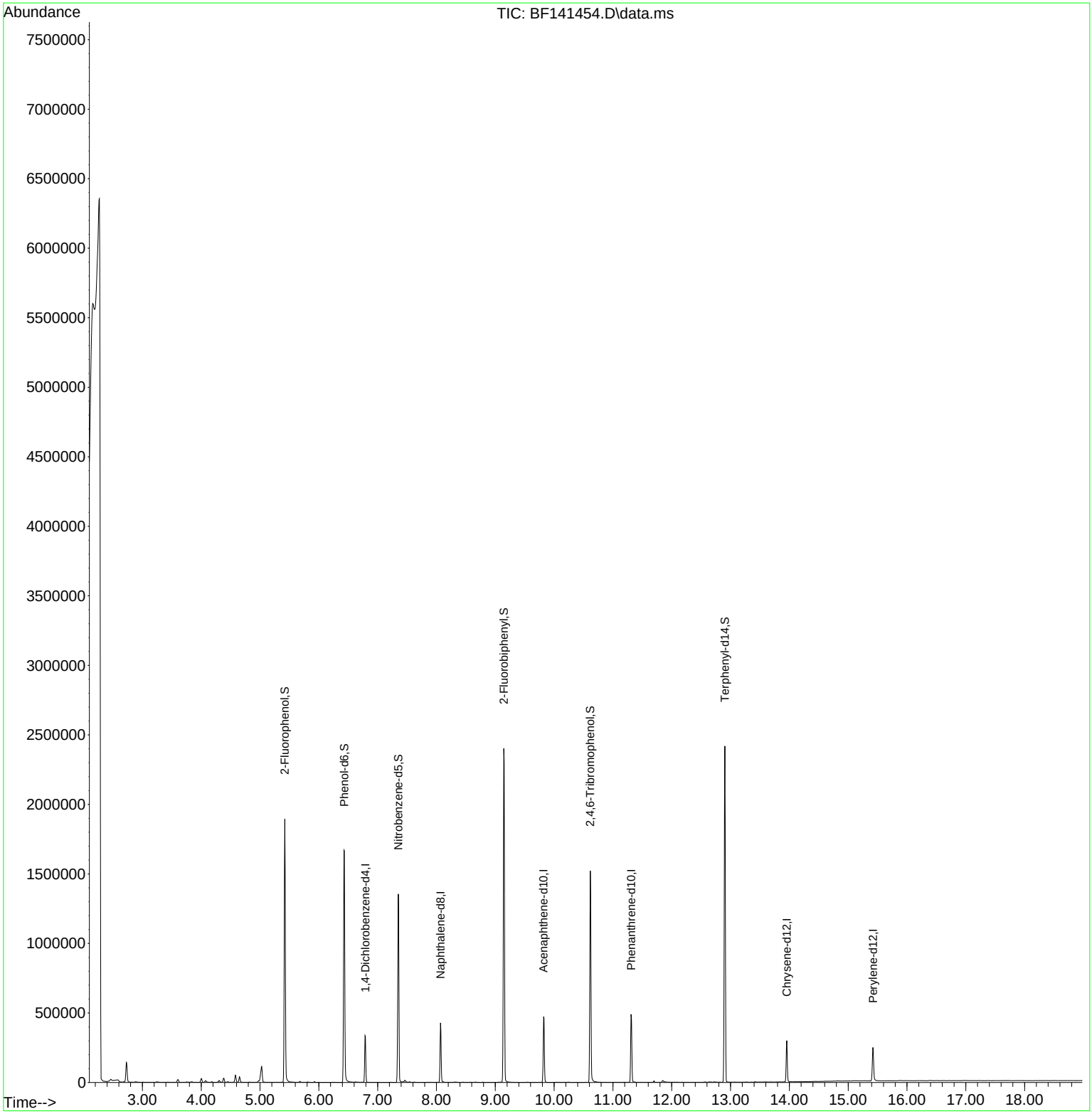
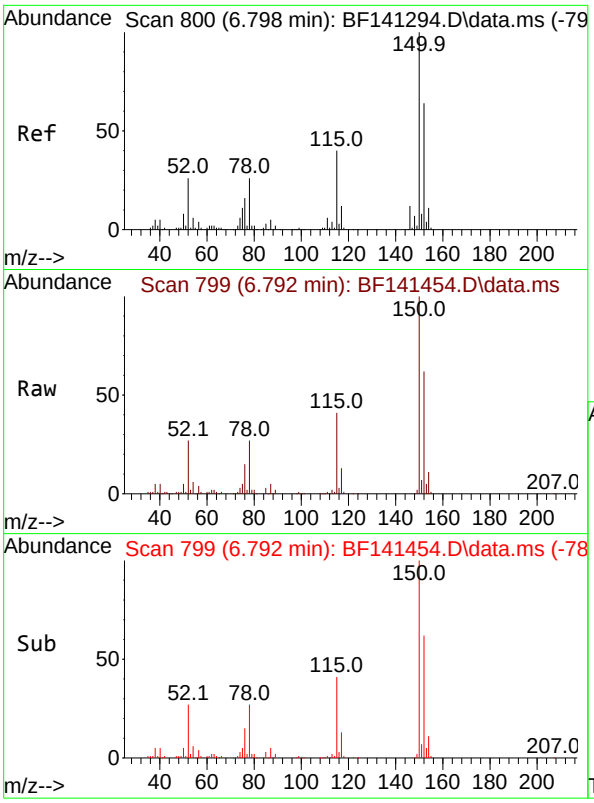


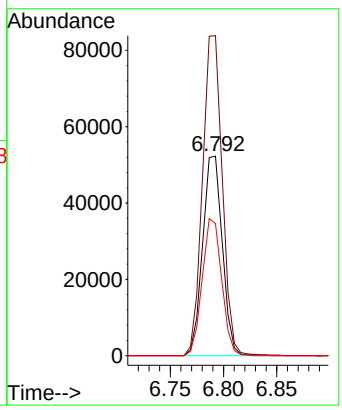


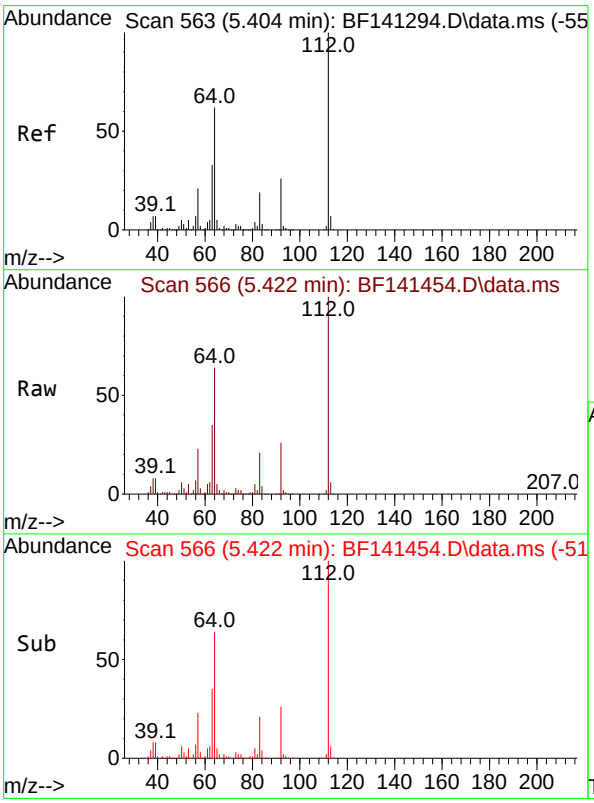

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141454.D
Acq: 05 Feb 2025 18:27

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-20.2-012725

Tgt Ion:152 Resp: 67649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 160.3 | 125.9 | 188.9 |
| 115 | 66.2 | 49.7 | 74.5 |

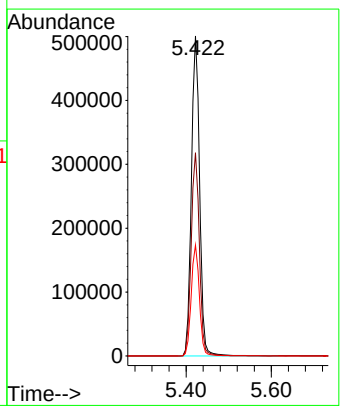


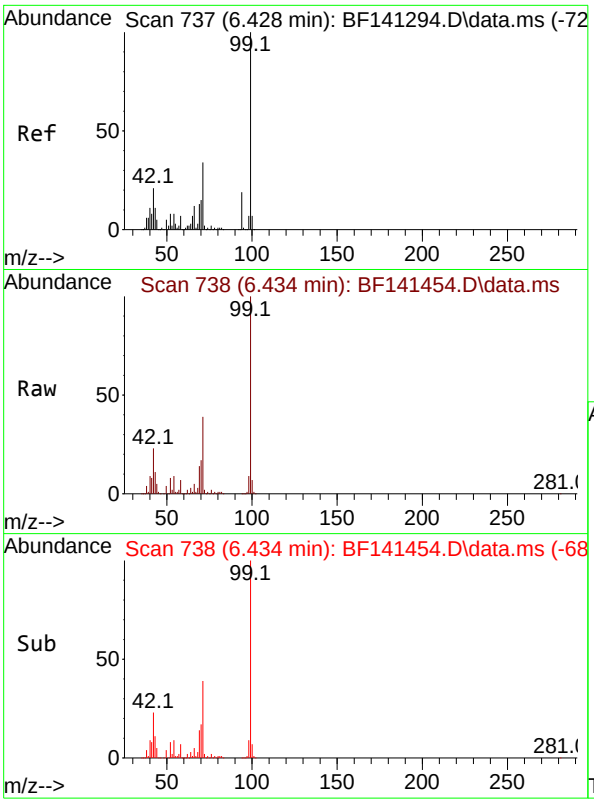




#5
2-Fluorophenol
Concen: 152.171 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141454.D
Acq: 05 Feb 2025 18:27

Tgt Ion:112 Resp: 670544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 63.5 | 49.8 | 74.8 |
| 63 | 34.7 | 26.1 | 39.1 |



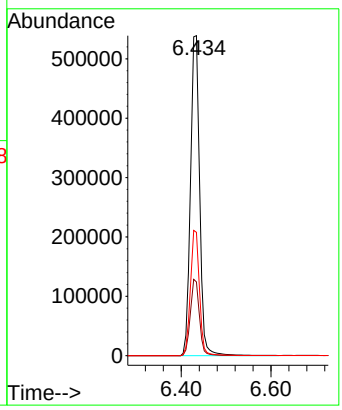


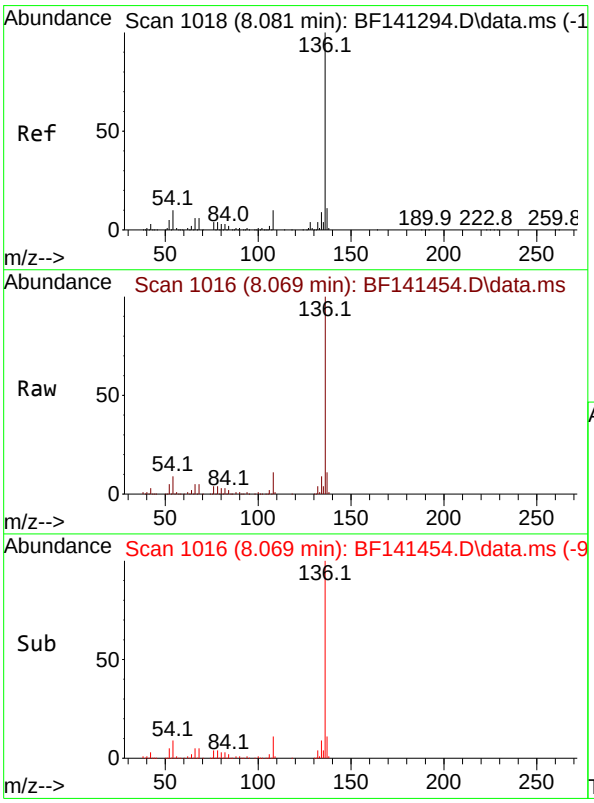

#7
Phenol-d6
Concen: 136.290 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141454.D
Acq: 05 Feb 2025 18:27

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-20.2-012725

Tgt Ion: 99 Resp: 763998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.1 | 17.1 | 25.7 |
| 71 | 38.6 | 26.9 | 40.3 |

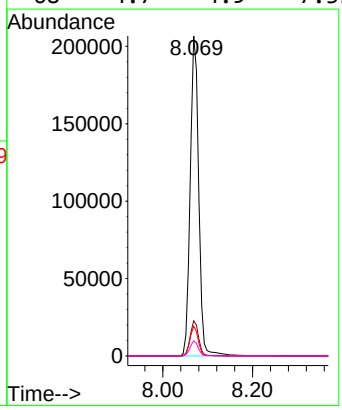


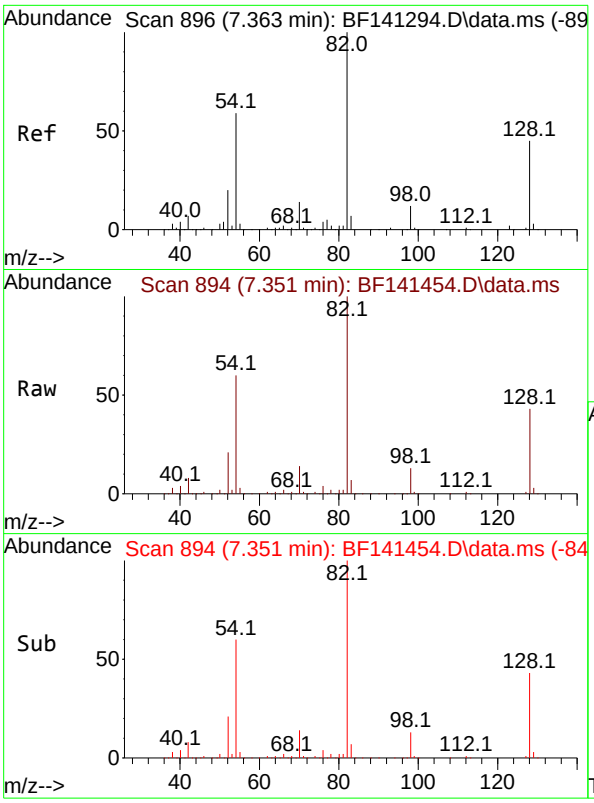




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141454.D
Acq: 05 Feb 2025 18:27

Tgt Ion:136 Resp: 271784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.6 | 13.0 |
| 54 | 9.3 | 7.8 | 11.8 |
| 68 | 4.7 | 4.9 | 7.3# |



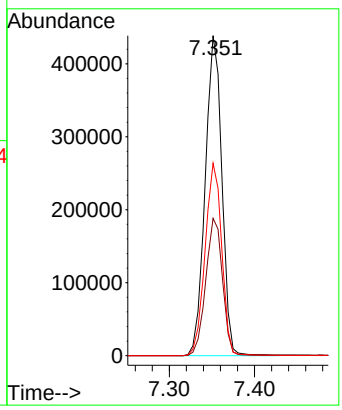


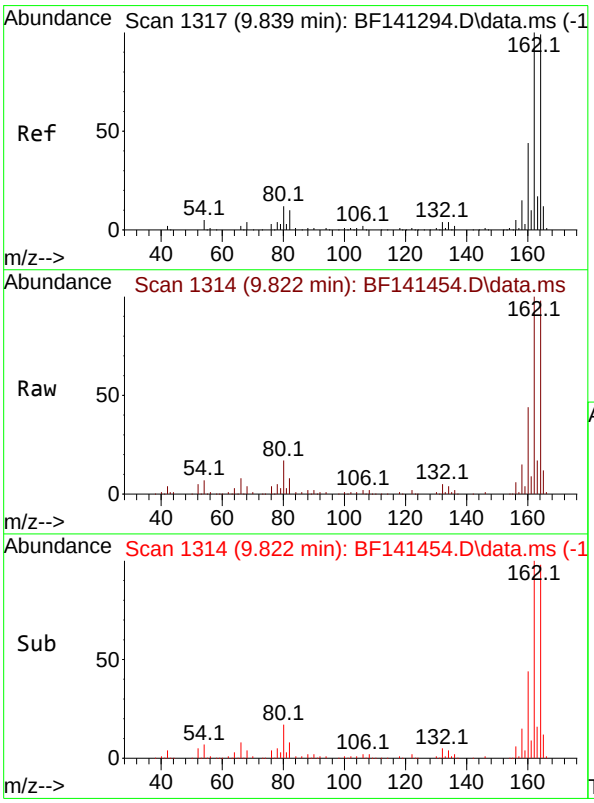

#23
Nitrobenzene-d5
Concen: 115.696 ng
RT: 7.351 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF141454.D
Acq: 05 Feb 2025 18:27

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-20.2-012725

Tgt Ion: 82 Resp: 596482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.9 | 35.7 | 53.5 |
| 54 | 60.1 | 47.1 | 70.7 |

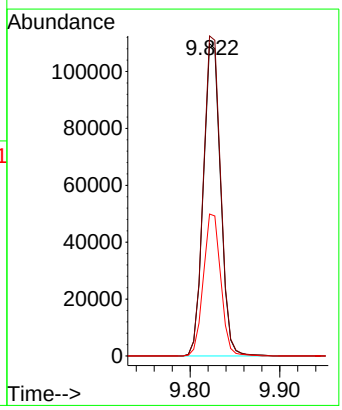


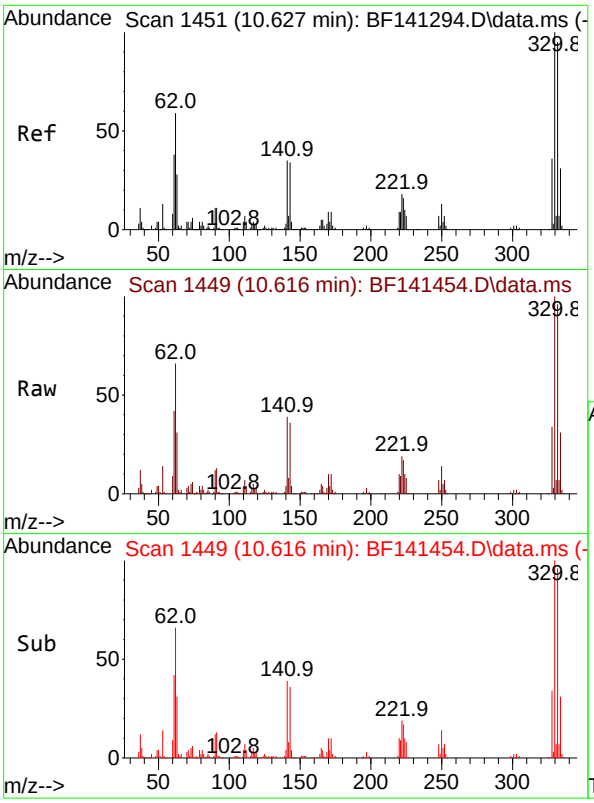




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF141454.D
Acq: 05 Feb 2025 18:27

Tgt Ion:164 Resp: 146327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.5 | 80.6 | 121.0 |
| 160 | 45.5 | 35.8 | 53.6 |



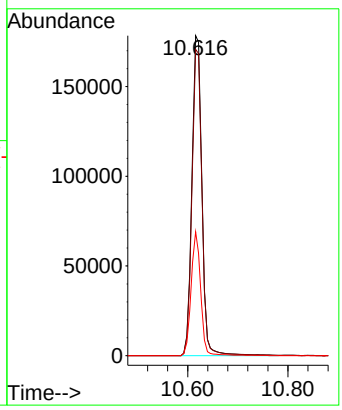


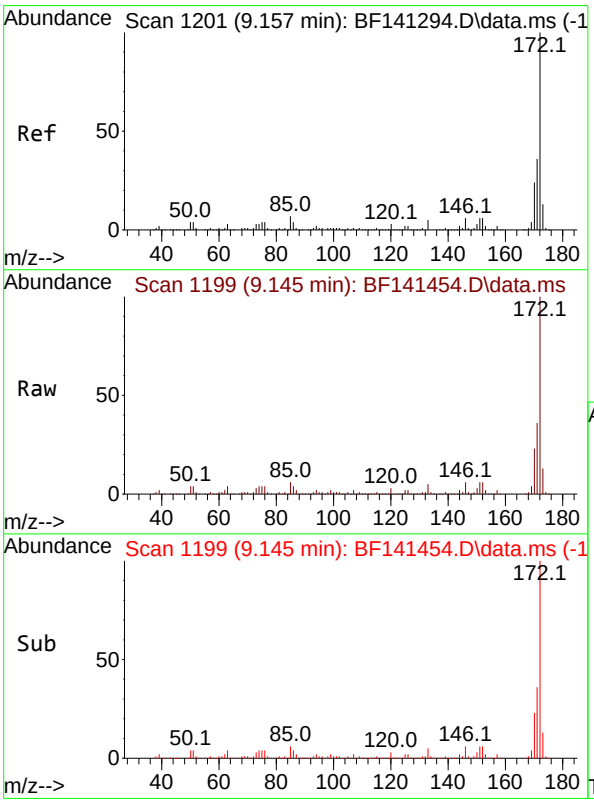

#42
2,4,6-Tribromophenol
Concen: 184.004 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF141454.D
Acq: 05 Feb 2025 18:27

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-20.2-012725

Tgt Ion:330 Resp: 246838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.0 | 76.1 | 114.1 |
| 141 | 37.0 | 28.8 | 43.2 |

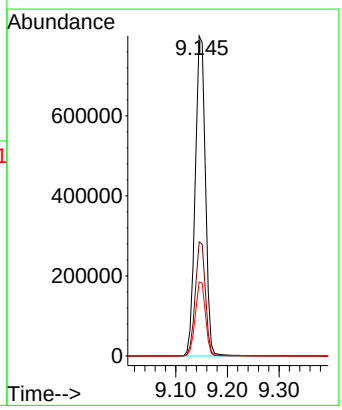


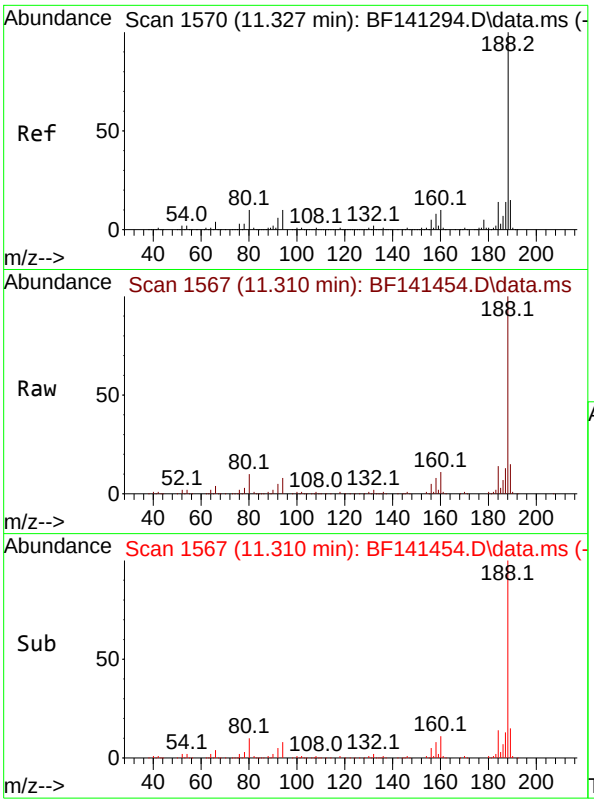




#45
2-Fluorobiphenyl
Concen: 115.380 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF141454.D
Acq: 05 Feb 2025 18:27

Tgt Ion:172 Resp: 1096891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.7 | 28.8 | 43.2 |
| 170 | 23.1 | 19.0 | 28.6 |



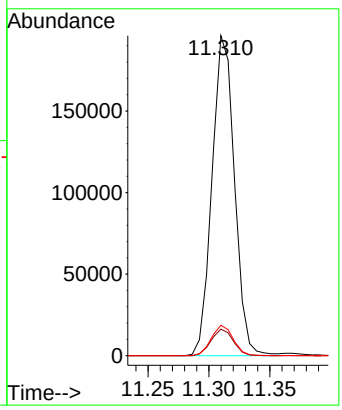


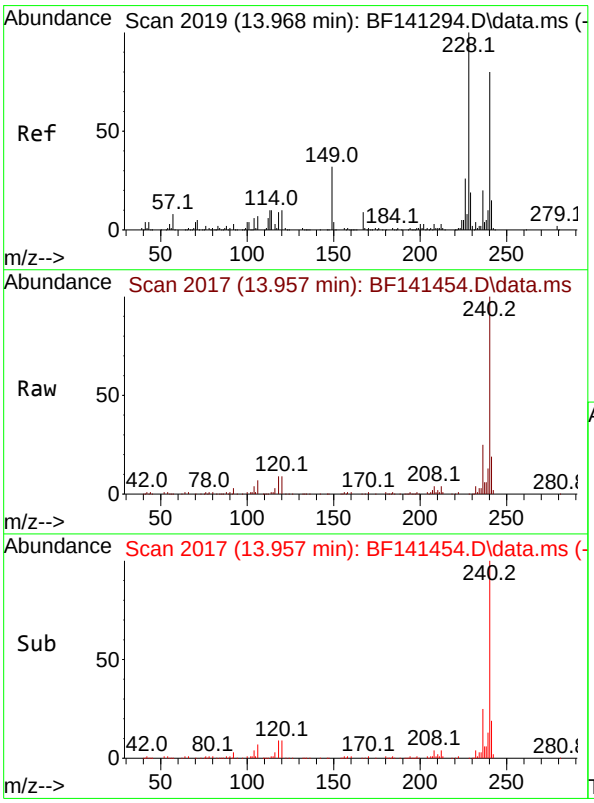

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141454.D
Acq: 05 Feb 2025 18:27

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-20.2-012725

Tgt Ion:188 Resp: 252173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.3 | 7.8 | 11.6 |
| 80 | 9.5 | 8.2 | 12.4 |

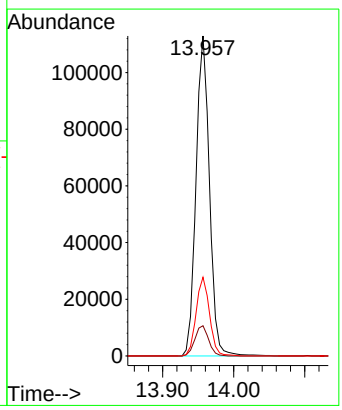


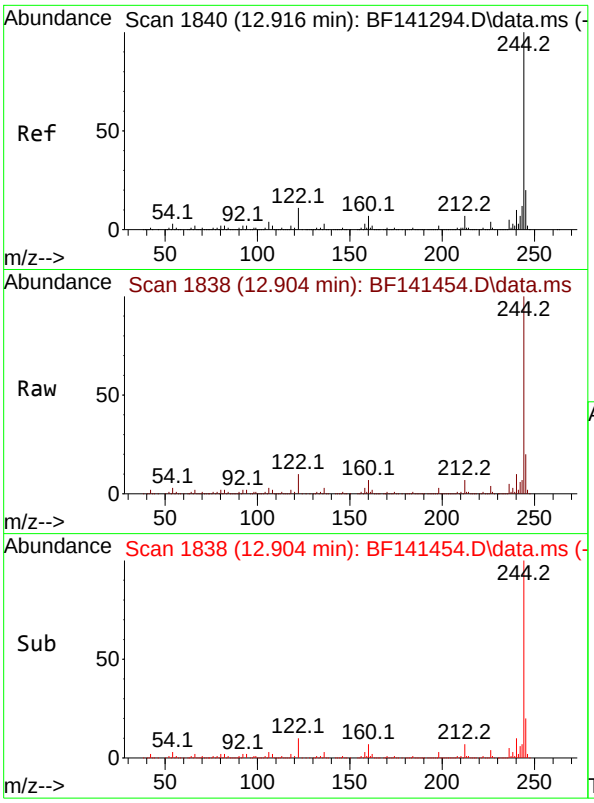




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141454.D
Acq: 05 Feb 2025 18:27

Tgt Ion:240 Resp: 148665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.4 | 10.0 | 15.0# |
| 236 | 24.6 | 19.7 | 29.5 |



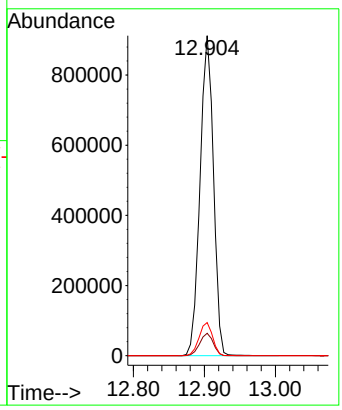


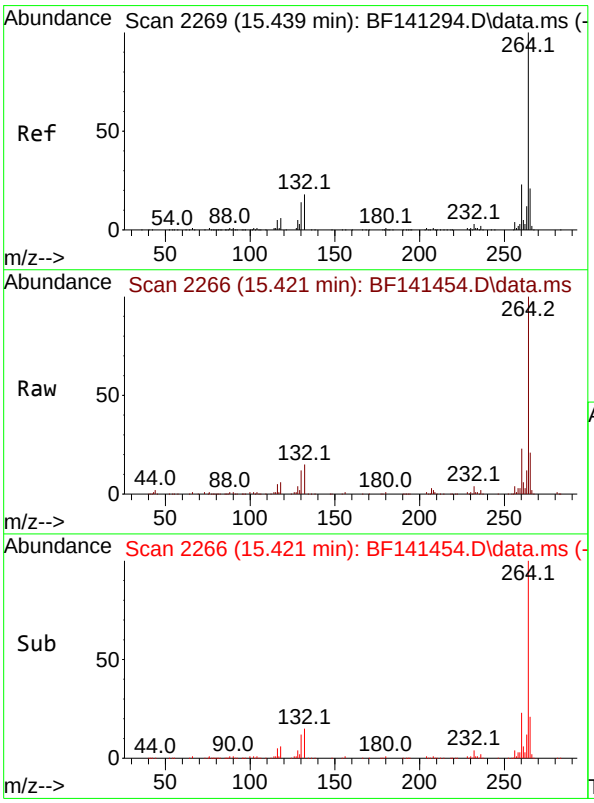

#79
Terphenyl-d14
Concen: 124.751 ng
RT: 12.904 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141454.D
Acq: 05 Feb 2025 18:27

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-20.2-012725

Tgt Ion:244 Resp: 1202582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 5.4 | 8.0 |
| 122 | 10.4 | 8.8 | 13.2 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF141454.D
Acq: 05 Feb 2025 18:27

Tgt Ion:264 Resp: 147857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.0 | 18.6 | 27.8 |
| 265 | 20.8 | 16.7 | 25.1 |