Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064419.D
Acq On : 22 Sep 2025 17:38
Operator : RC/JU
Sample : PB169783BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
PB169783BL

Quant Time: Sep 22 18:22:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.842 | 152 | 19046 | 20.000 | ng | -0.02 |
| 21) Naphthalene-d8 | 10.627 | 136 | 76167 | 20.000 | ng | #-0.02 |
| 39) Acenaphthene-d10 | 14.463 | 164 | 56503 | 20.000 | ng | -0.02 |
| 64) Phenanthrene-d10 | 17.207 | 188 | 147930 | 20.000 | ng | #-0.02 |
| 76) Chrysene-d12 | 21.437 | 240 | 169803 | 20.000 | ng | #-0.02 |
| 86) Perylene-d12 | 24.434 | 264 | 186504 | 20.000 | ng | -0.03 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.433 | 112 | 153456 | 144.552 | ng | -0.01 |
| 7) Phenol-d6 | 7.013 | 99 | 195036 | 133.728 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 8.993 | 82 | 122948 | 90.024 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 15.956 | 330 | 126556 | 169.100 | ng | -0.02 |
| 45) 2-Fluorobiphenyl | 13.088 | 172 | 329310 | 88.959 | ng | -0.02 |
| 79) Terphenyl-d14 | 19.828 | 244 | 781675 | 96.043 | ng | -0.02 |
| Target Compounds | | | | | | Qvalue |

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

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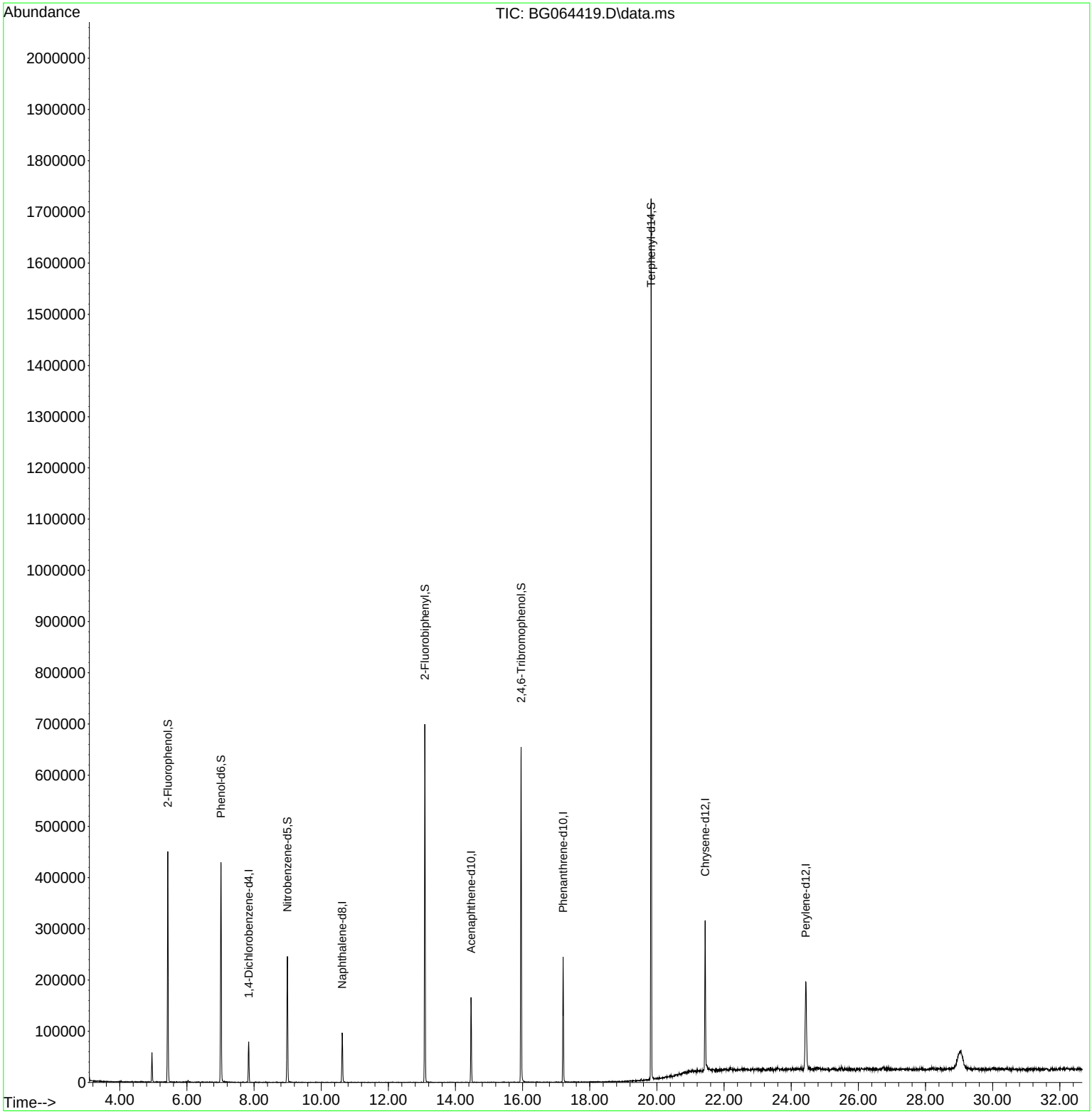
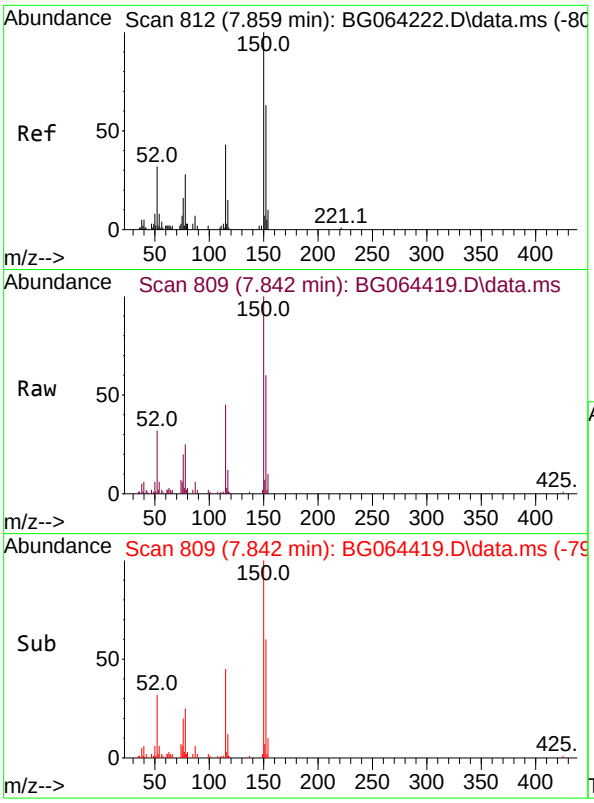


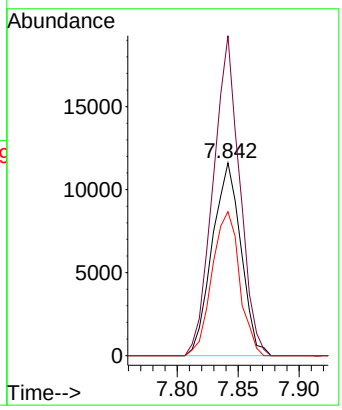


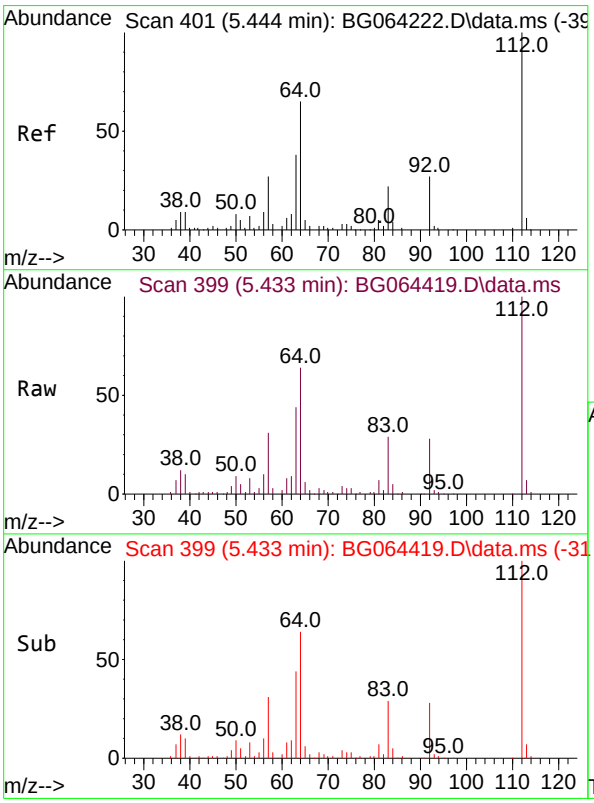

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.842 min Scan# 80
Delta R.T. -0.017 min
Lab File: BG064419.D
Acq: 22 Sep 2025 17:38

**Instrument :**
BNA_G
**ClientSampleId :**
PB169783BL

Tgt Ion:152 Resp: 19046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 166.0 | 128.0 | 192.0 |
| 115 | 74.7 | 55.7 | 83.5 |

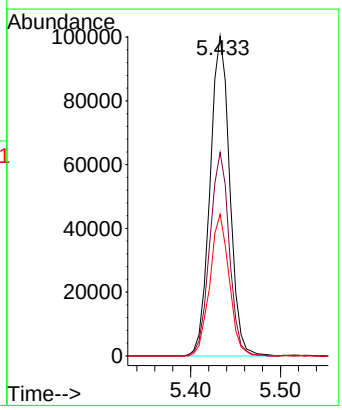


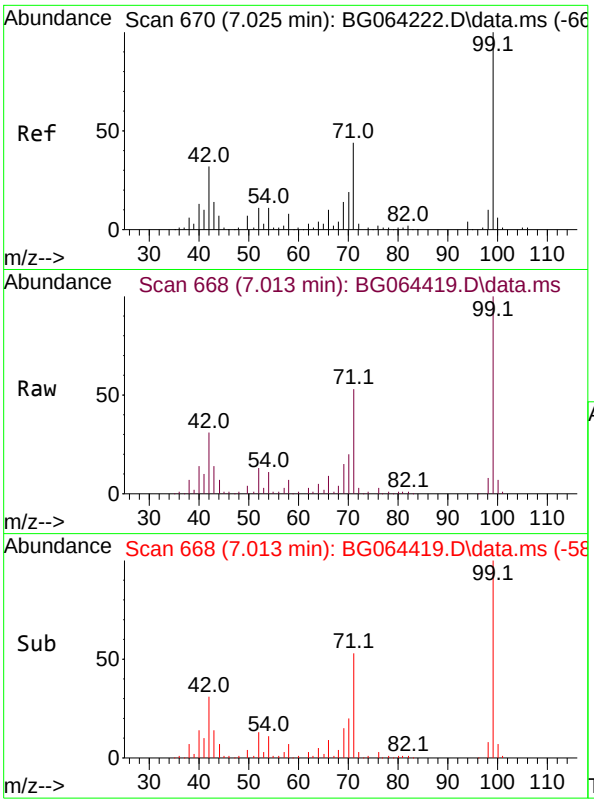




#5
2-Fluorophenol
Concen: 144.552 ng
RT: 5.433 min Scan# 399
Delta R.T. -0.012 min
Lab File: BG064419.D
Acq: 22 Sep 2025 17:38

Tgt Ion:112 Resp: 153456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 63.6 | 51.8 | 77.6 |
| 63 | 44.3 | 30.6 | 45.8 |



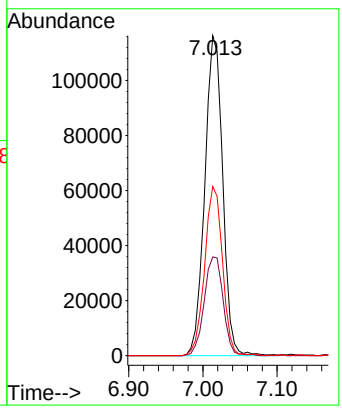


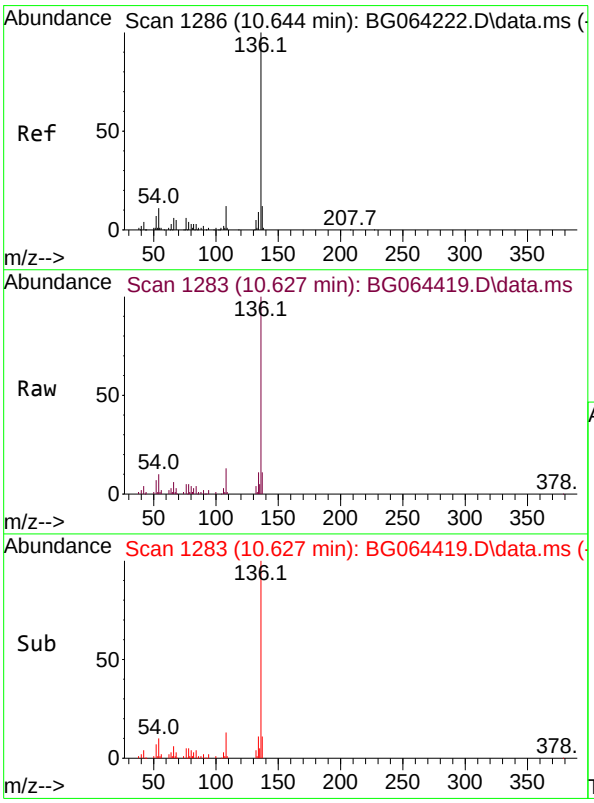

#7
Phenol-d6
Concen: 133.728 ng
RT: 7.013 min Scan# 6
Delta R.T. -0.018 min
Lab File: BG064419.D
Acq: 22 Sep 2025 17:38

**Instrument :**
BNA_G
**ClientSampleId :**
PB169783BL

Tgt Ion: 99 Resp: 195036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 30.8 | 25.8 | 38.8 |
| 71 | 52.8 | 35.2 | 52.8# |

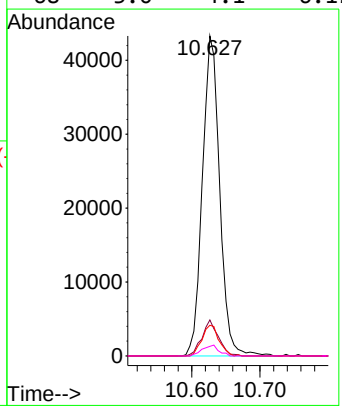


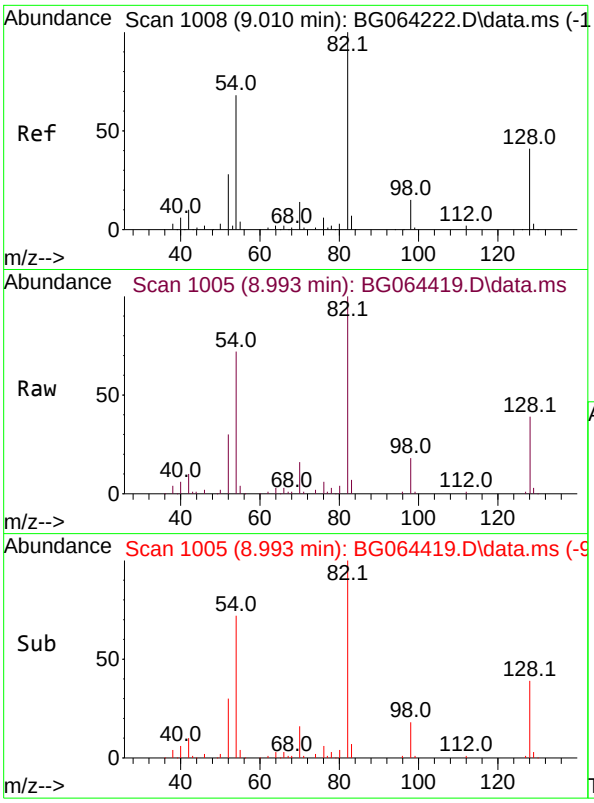




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.627 min Scan# 1283
Delta R.T. -0.023 min
Lab File: BG064419.D
Acq: 22 Sep 2025 17:38

Tgt Ion:136 Resp: 76167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 9.6 | 14.4 |
| 54 | 9.6 | 8.8 | 13.2 |
| 68 | 3.0 | 4.1 | 6.1# |



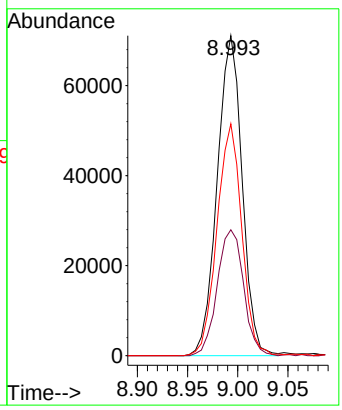


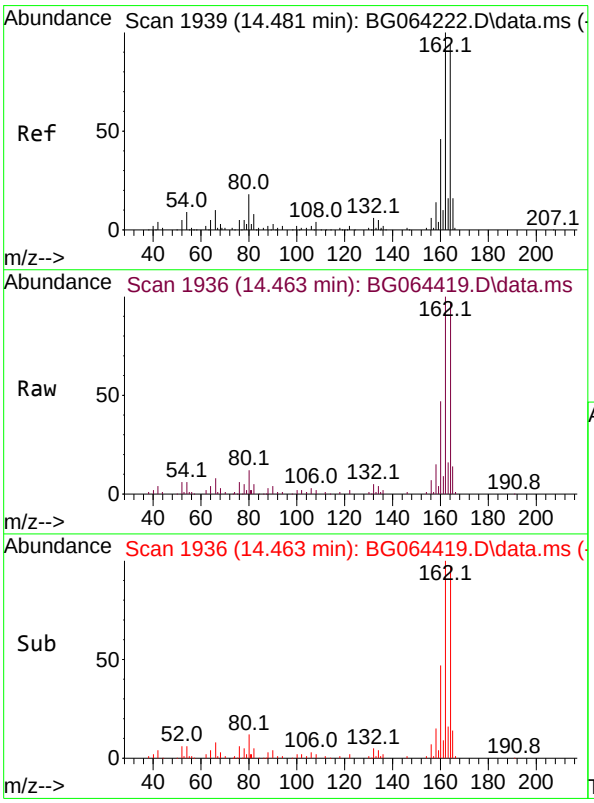

#23
Nitrobenzene-d5
Concen: 90.024 ng
RT: 8.993 min Scan# 1
Delta R.T. -0.023 min
Lab File: BG064419.D
Acq: 22 Sep 2025 17:38

**Instrument :**
BNA_G
**ClientSampleId :**
PB169783BL

Tgt Ion: 82 Resp: 122948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.3 | 32.6 | 48.8 |
| 54 | 72.4 | 54.7 | 82.1 |

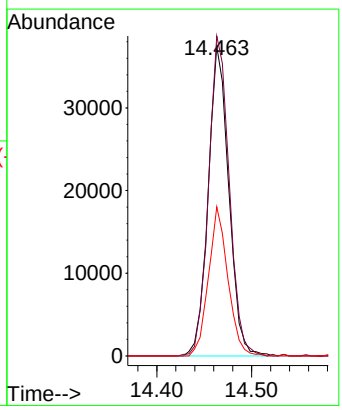


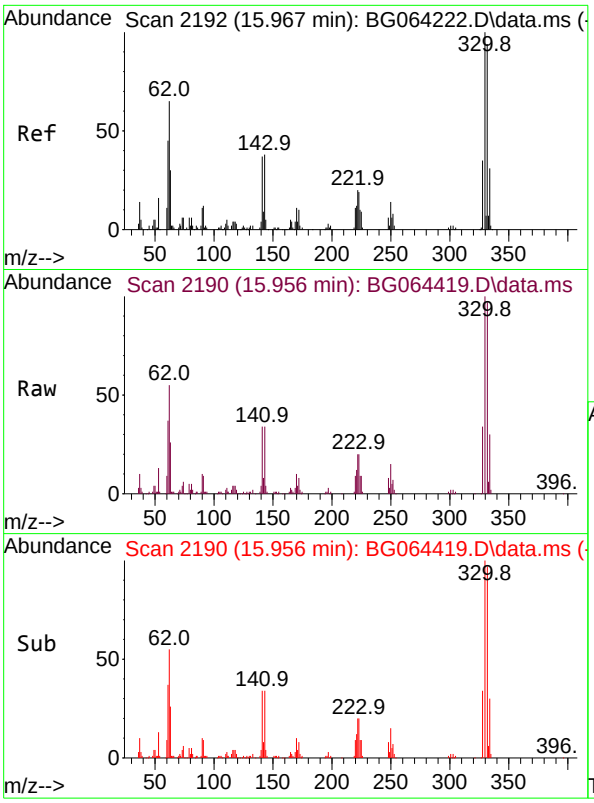




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1936
Delta R.T. -0.018 min
Lab File: BG064419.D
Acq: 22 Sep 2025 17:38

Tgt Ion:164 Resp: 56503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.4 | 85.4 | 128.0 |
| 160 | 48.2 | 39.2 | 58.8 |



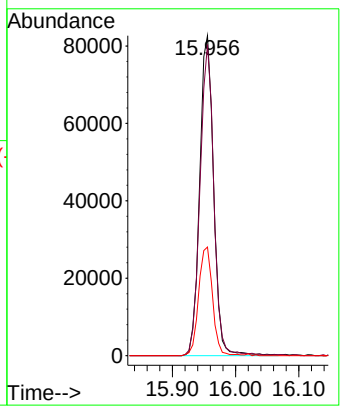


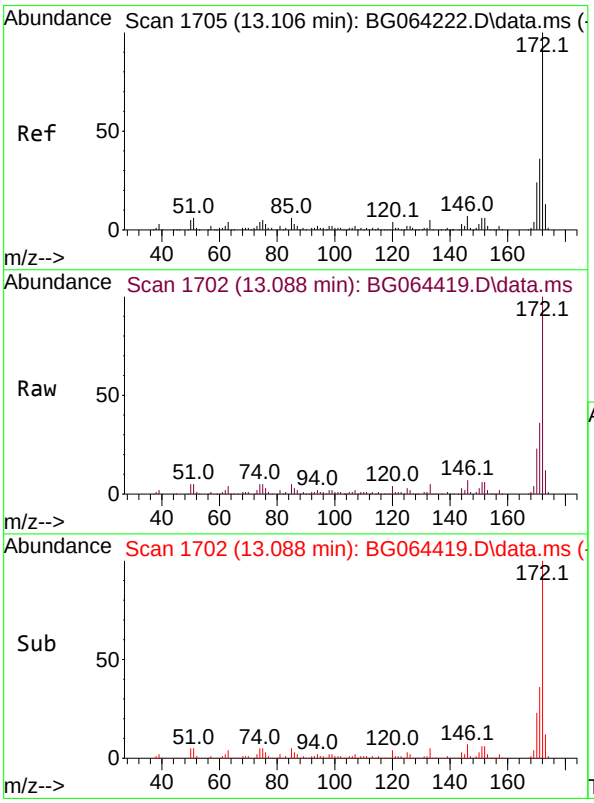

#42
2,4,6-Tribromophenol
Concen: 169.100 ng
RT: 15.956 min Scan# 21
Delta R.T. -0.018 min
Lab File: BG064419.D
Acq: 22 Sep 2025 17:38

**Instrument :**
BNA_G
**ClientSampleId :**
PB169783BL

Tgt Ion:330 Resp: 126556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.3 | 77.6 | 116.4 |
| 141 | 33.9 | 29.8 | 44.6 |

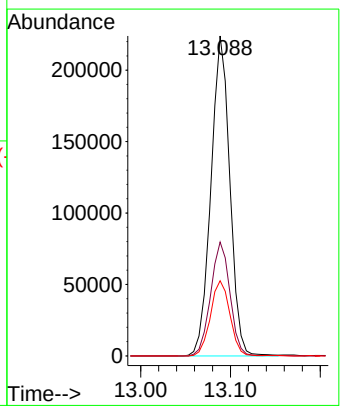


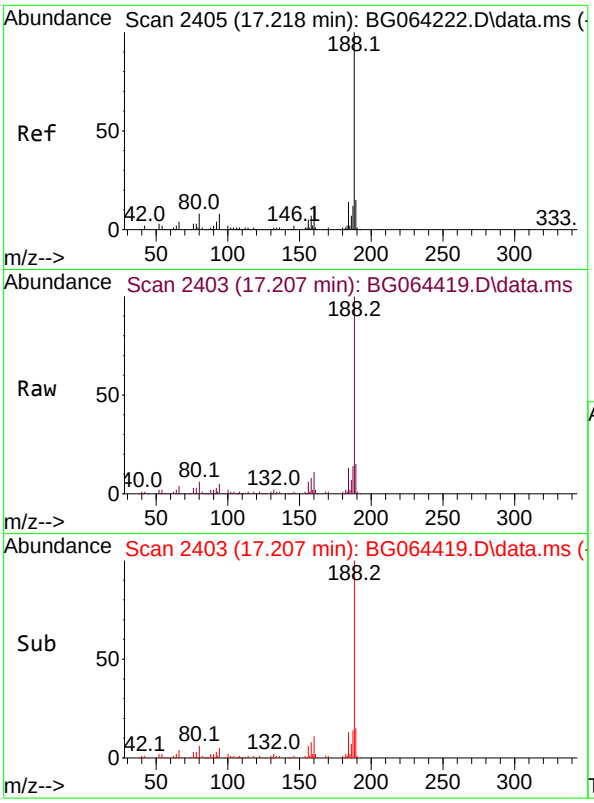




#45
2-Fluorobiphenyl
Concen: 88.959 ng
RT: 13.088 min Scan# 1702
Delta R.T. -0.023 min
Lab File: BG064419.D
Acq: 22 Sep 2025 17:38

Tgt Ion:172 Resp: 329310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.6 | 28.7 | 43.1 |
| 170 | 23.5 | 19.0 | 28.6 |



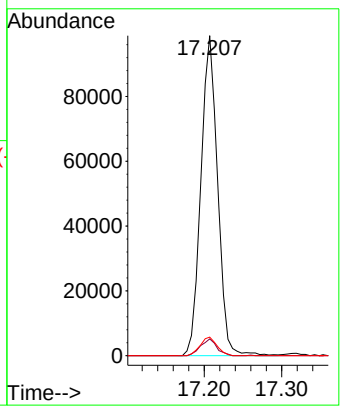


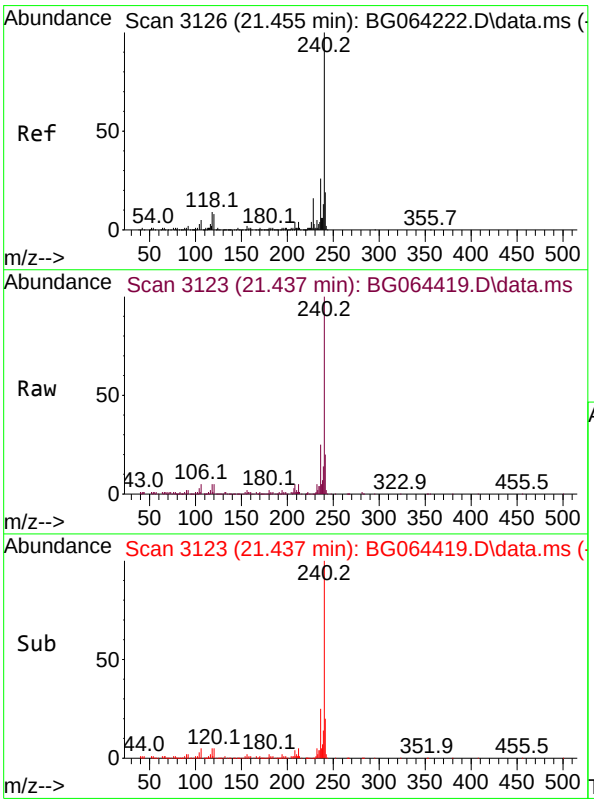

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 24
Delta R.T. -0.018 min
Lab File: BG064419.D
Acq: 22 Sep 2025 17:38

**Instrument :**
BNA_G
**ClientSampleId :**
PB169783BL

Tgt Ion:188 Resp: 147930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 5.2 | 6.2 | 9.4# |
| 80 | 5.8 | 6.8 | 10.2# |

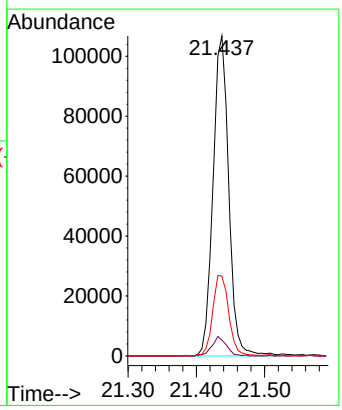


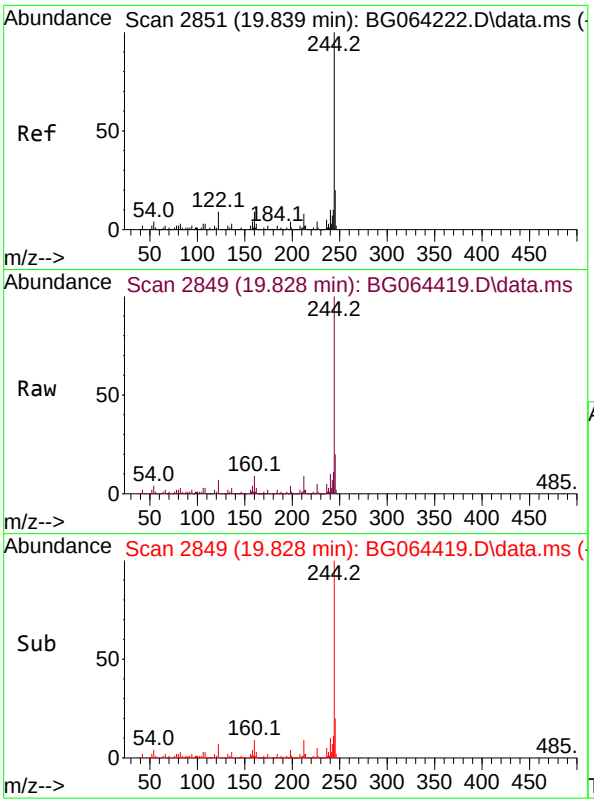




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.437 min Scan# 3123
Delta R.T. -0.018 min
Lab File: BG064419.D
Acq: 22 Sep 2025 17:38

Tgt Ion:240 Resp: 169803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.0 | 6.2 | 9.4# |
| 236 | 24.9 | 20.5 | 30.7 |



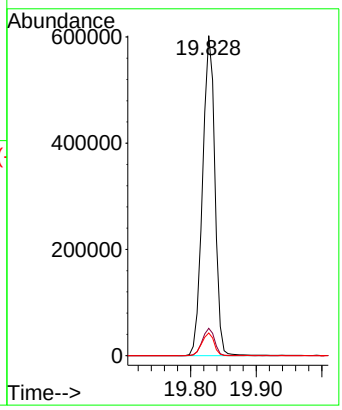


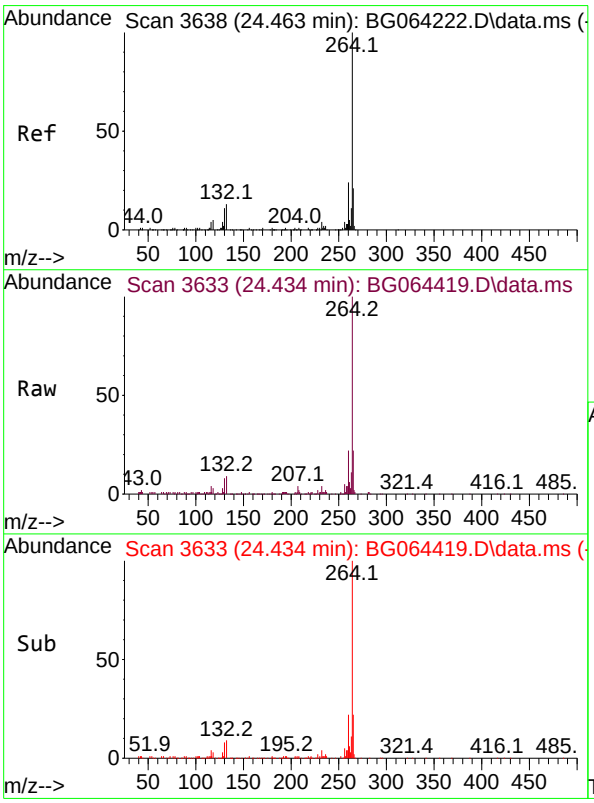

#79
Terphenyl-d14
Concen: 96.043 ng
RT: 19.828 min Scan# 28
Delta R.T. -0.018 min
Lab File: BG064419.D
Acq: 22 Sep 2025 17:38

**Instrument :**
BNA_G
**ClientSampleId :**
PB169783BL

Tgt Ion:244 Resp: 781675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.5 | 6.6 | 10.0 |
| 122 | 7.1 | 7.0 | 10.6 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.434 min Scan# 3633
Delta R.T. -0.029 min
Lab File: BG064419.D
Acq: 22 Sep 2025 17:38

Tgt Ion:264 Resp: 186504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 21.9 | 18.9 | 28.3 |
| 265 | 22.3 | 16.7 | 25.1 |