Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
Data File : BG064230.D
Acq On : 29 Aug 2025 15:11
Operator : RC/JU
Sample : PB169464BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
PB169464BL

Quant Time: Aug 29 15:48:09 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 | 7.859 | 152 | 25132 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.644 | 136 | 113939 | 20.000 | ng | # 0.00 |
| 39) Acenaphthene-d10 | 14.475 | 164 | 84898 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.219 | 188 | 220191 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.449 | 240 | 233189 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 24.452 | 264 | 249045 | 20.000 | ng | -0.01 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.445 | 112 | 235912 | 168.410 | ng | 0.00 |
| 7) Phenol-d6 | 7.025 | 99 | 312080 | 162.163 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.005 | 82 | 204930 | 100.308 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.968 | 330 | 170414 | 151.545 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.106 | 172 | 528610 | 95.037 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.840 | 244 | 1131988 | 101.279 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |

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

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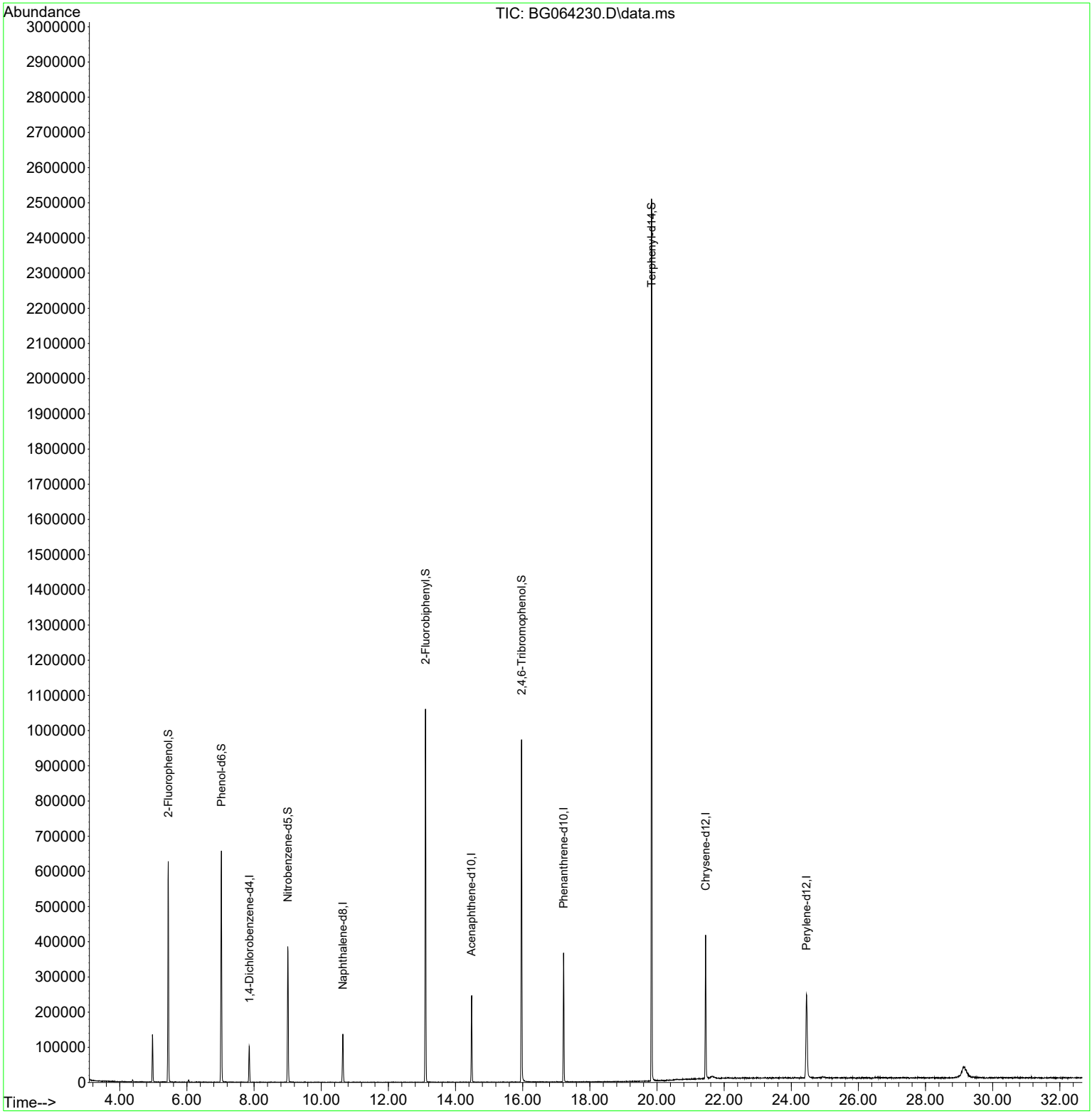
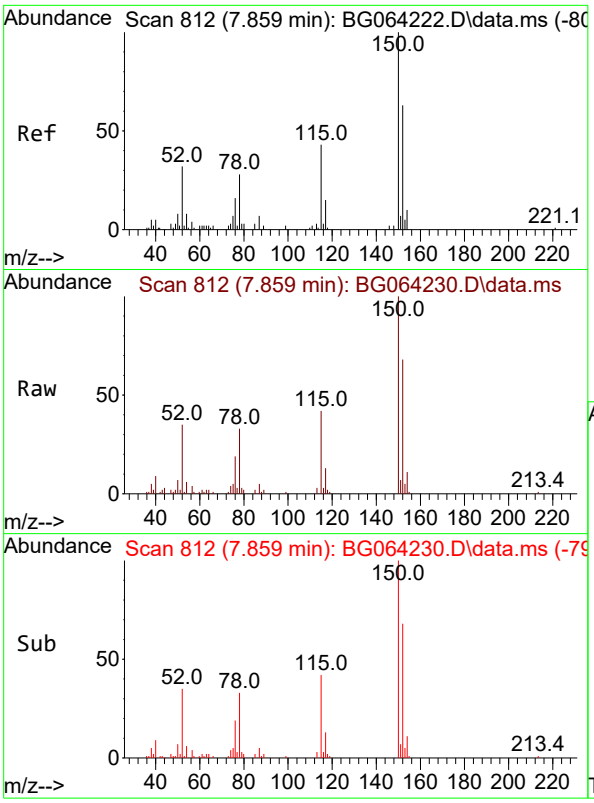


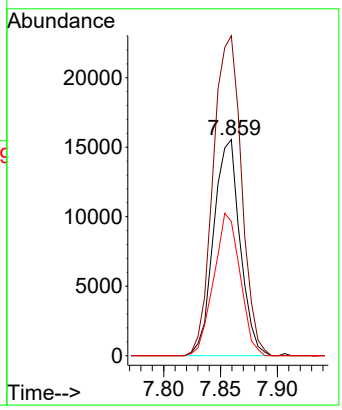


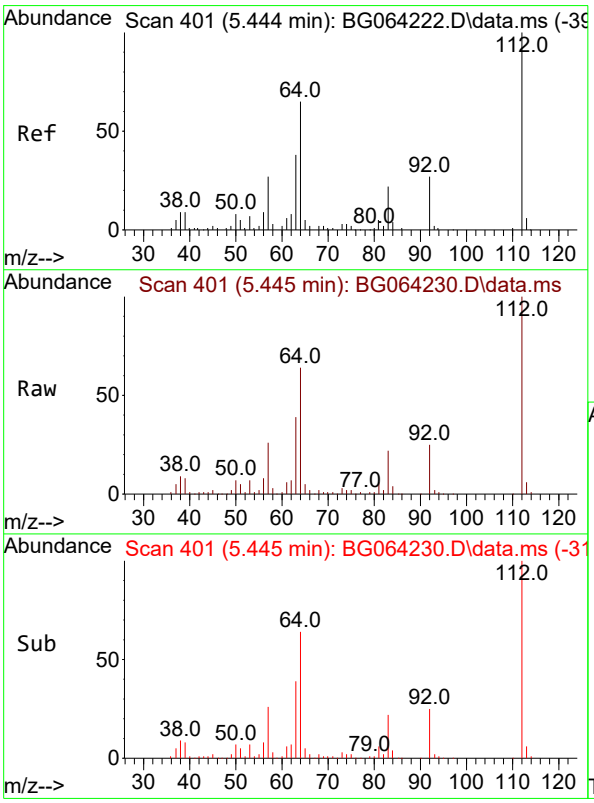

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG064230.D
Acq: 29 Aug 2025 15:11

**Instrument :**
BNA_G
**ClientSampleId :**
PB169464BL

Tgt Ion:152 Resp: 25132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 148.1 | 128.0 | 192.0 |
| 115 | 62.1 | 55.7 | 83.5 |

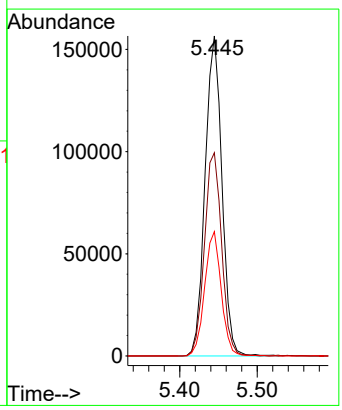


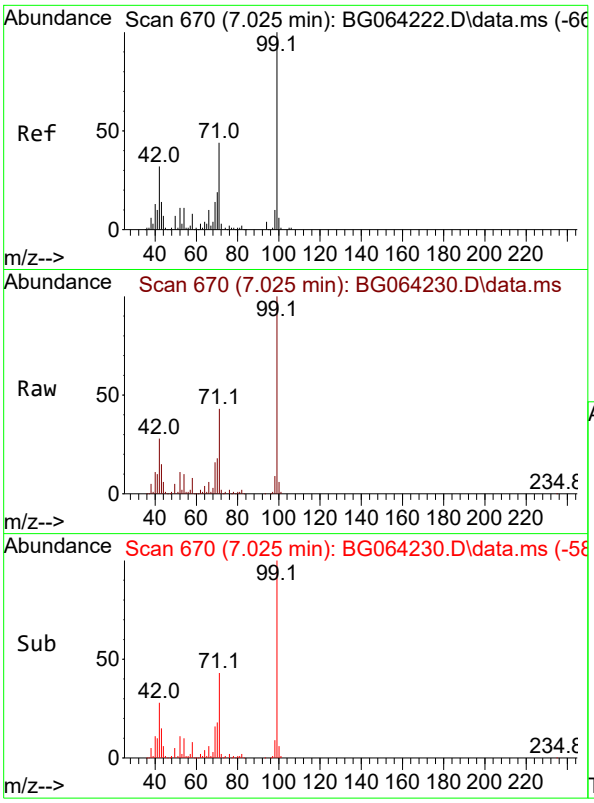




#5
2-Fluorophenol
Concen: 168.410 ng
RT: 5.445 min Scan# 401
Delta R.T. 0.000 min
Lab File: BG064230.D
Acq: 29 Aug 2025 15:11

Tgt Ion:112 Resp: 235912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 63.5 | 51.8 | 77.6 |
| 63 | 38.9 | 30.6 | 45.8 |



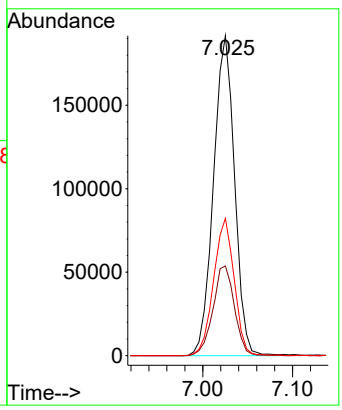


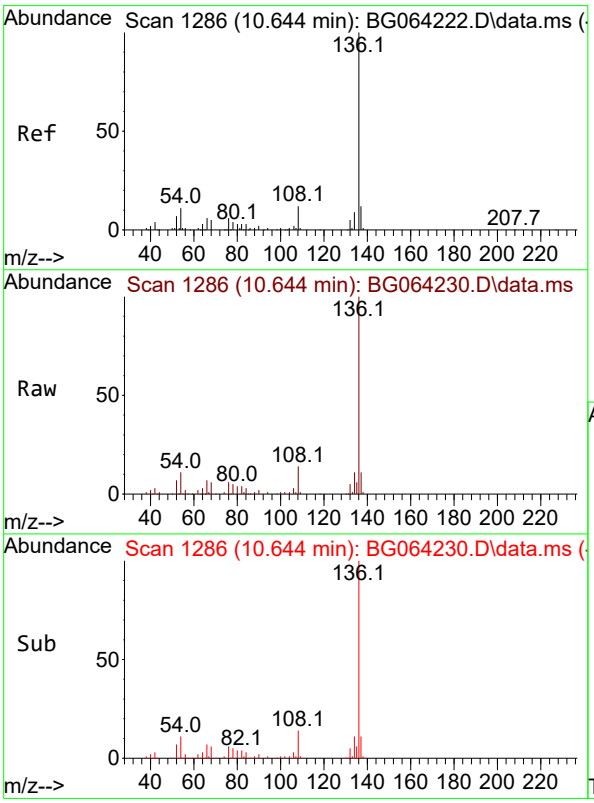

#7
Phenol-d6
Concen: 162.163 ng
RT: 7.025 min Scan# 6
Delta R.T. -0.006 min
Lab File: BG064230.D
Acq: 29 Aug 2025 15:11

**Instrument :**
BNA_G
**ClientSampleId :**
PB169464BL

Tgt Ion: 99 Resp: 312080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 28.1 | 25.8 | 38.8 |
| 71 | 42.9 | 35.2 | 52.8 |

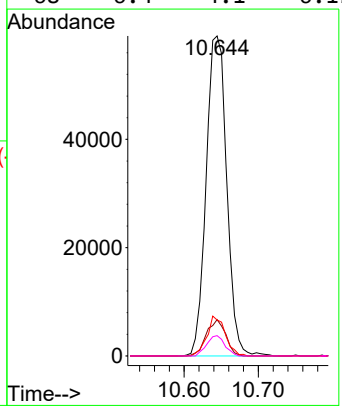


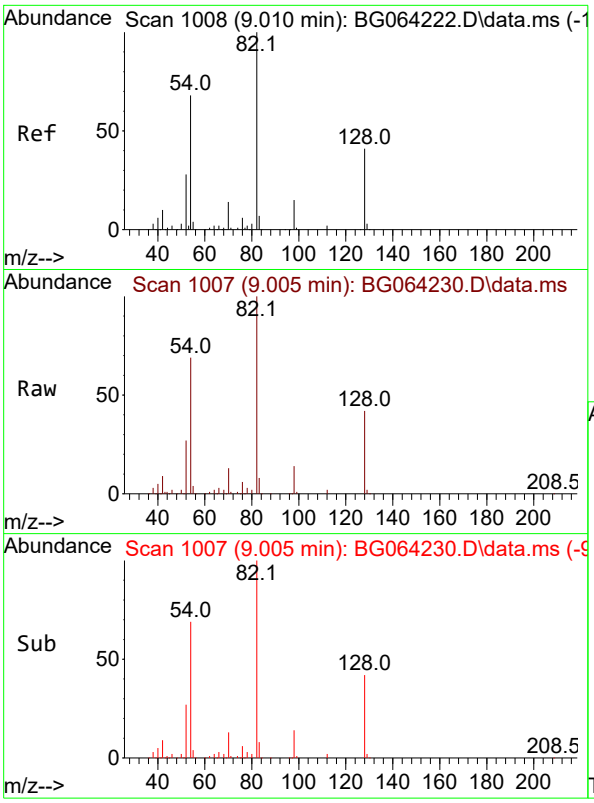




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BG064230.D
Acq: 29 Aug 2025 15:11

Tgt Ion:136 Resp: 113939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 9.6 | 14.4 |
| 54 | 11.3 | 8.8 | 13.2 |
| 68 | 6.4 | 4.1 | 6.1# |



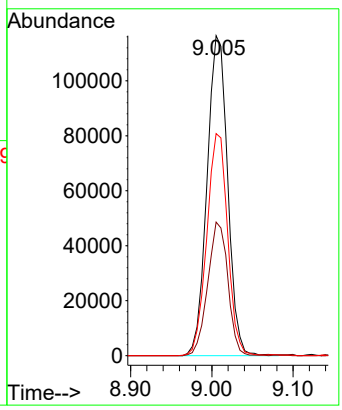


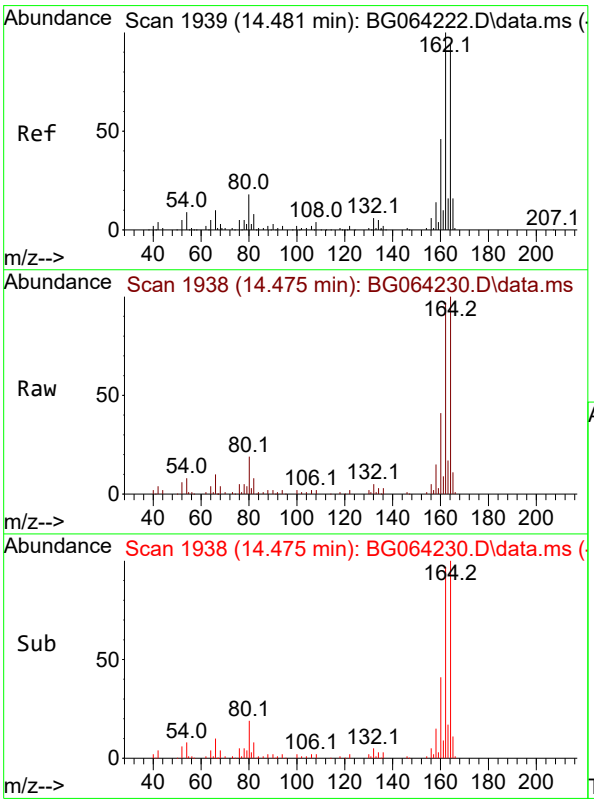

#23
Nitrobenzene-d5
Concen: 100.308 ng
RT: 9.005 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064230.D
Acq: 29 Aug 2025 15:11

**Instrument :**
BNA_G
**ClientSampleId :**
PB169464BL

Tgt Ion: 82 Resp: 204930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.8 | 32.6 | 48.8 |
| 54 | 69.4 | 54.7 | 82.1 |

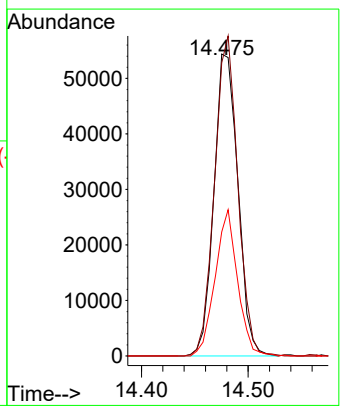


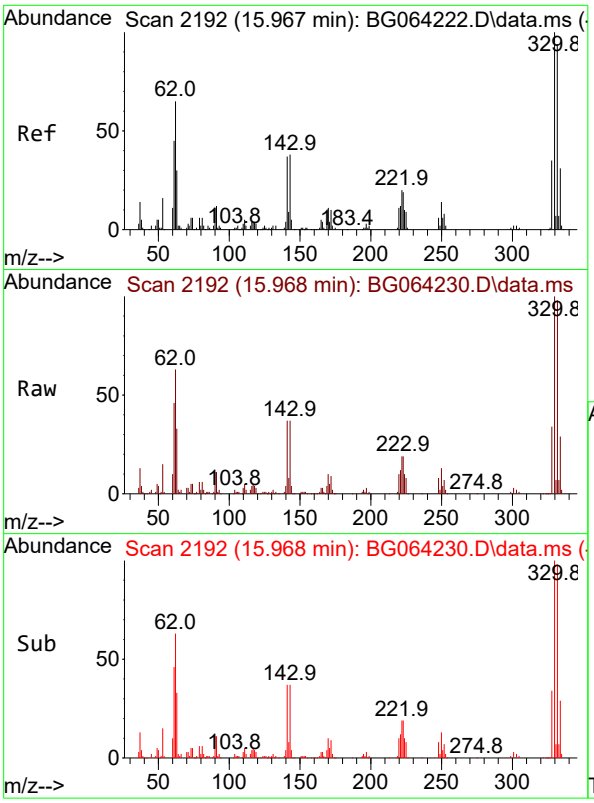




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BG064230.D
Acq: 29 Aug 2025 15:11

Tgt Ion:164 Resp: 84898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 97.1 | 85.4 | 128.0 |
| 160 | 41.1 | 39.2 | 58.8 |



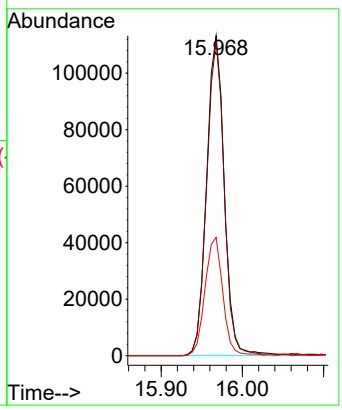


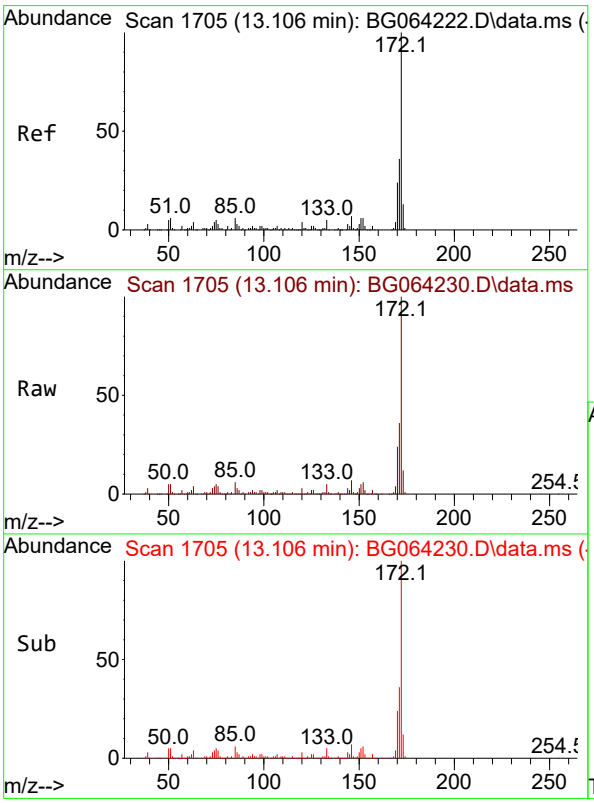

#42
2,4,6-Tribromophenol
Concen: 151.545 ng
RT: 15.968 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064230.D
Acq: 29 Aug 2025 15:11

**Instrument :**
BNA_G
**ClientSampleId :**
PB169464BL

Tgt Ion:330 Resp: 170414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.1 | 77.6 | 116.4 |
| 141 | 37.6 | 29.8 | 44.6 |

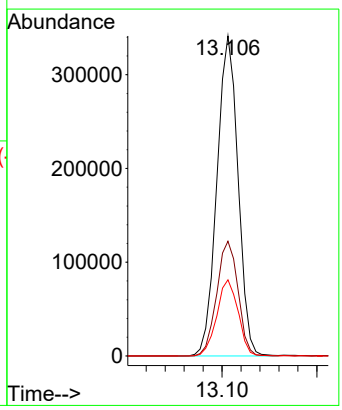


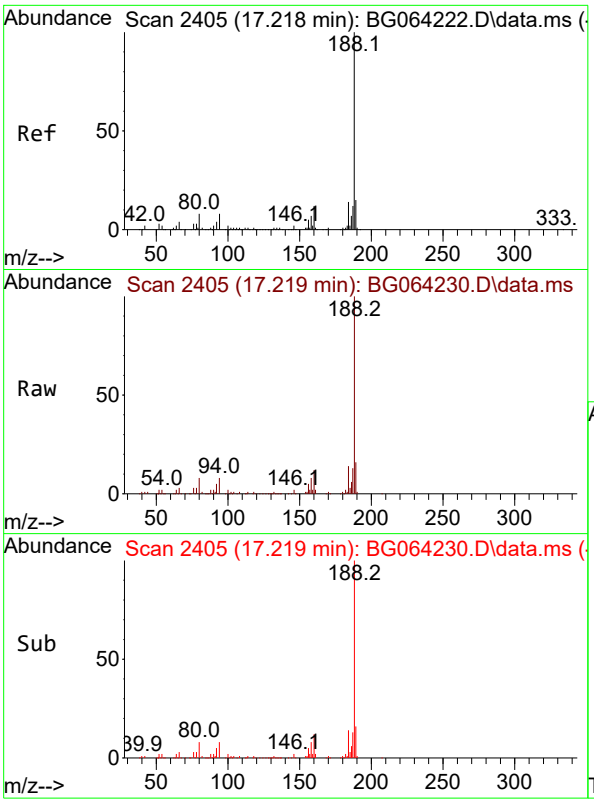




#45
2-Fluorobiphenyl
Concen: 95.037 ng
RT: 13.106 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BG064230.D
Acq: 29 Aug 2025 15:11

Tgt Ion:172 Resp: 528610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 28.7 | 43.1 |
| 170 | 23.8 | 19.0 | 28.6 |



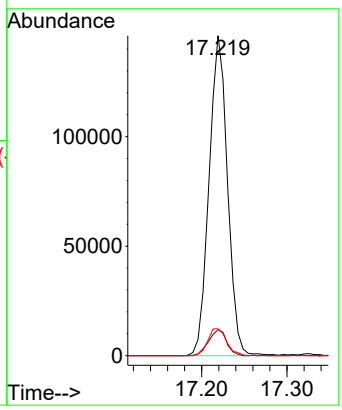


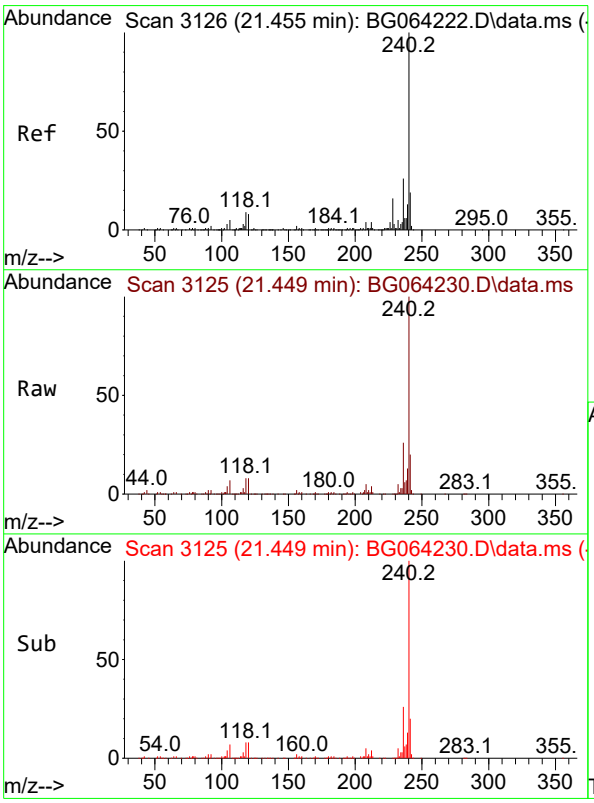

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG064230.D
Acq: 29 Aug 2025 15:11

**Instrument :**
BNA_G
**ClientSampleId :**
PB169464BL

Tgt Ion:188 Resp: 220191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.1 | 6.2 | 9.4 |
| 80 | 8.4 | 6.8 | 10.2 |

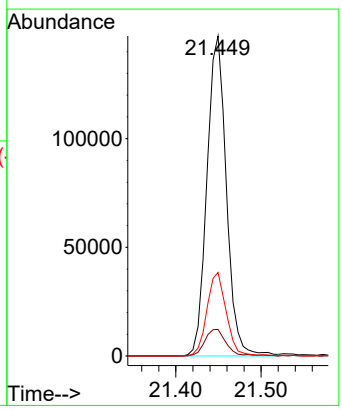


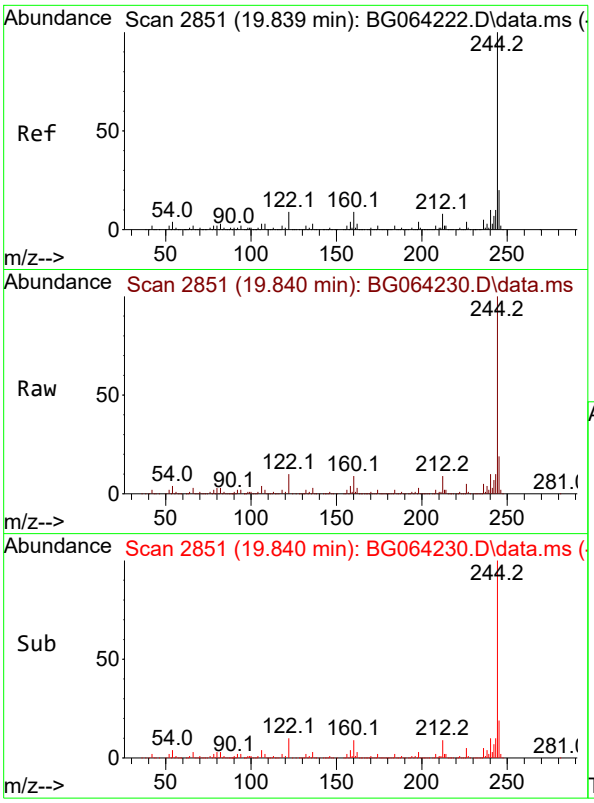




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BG064230.D
Acq: 29 Aug 2025 15:11

Tgt Ion:240 Resp: 233189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.3 | 6.2 | 9.4 |
| 236 | 26.1 | 20.5 | 30.7 |



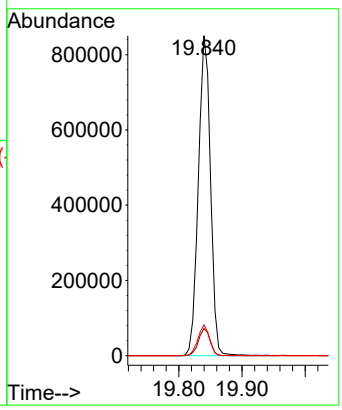


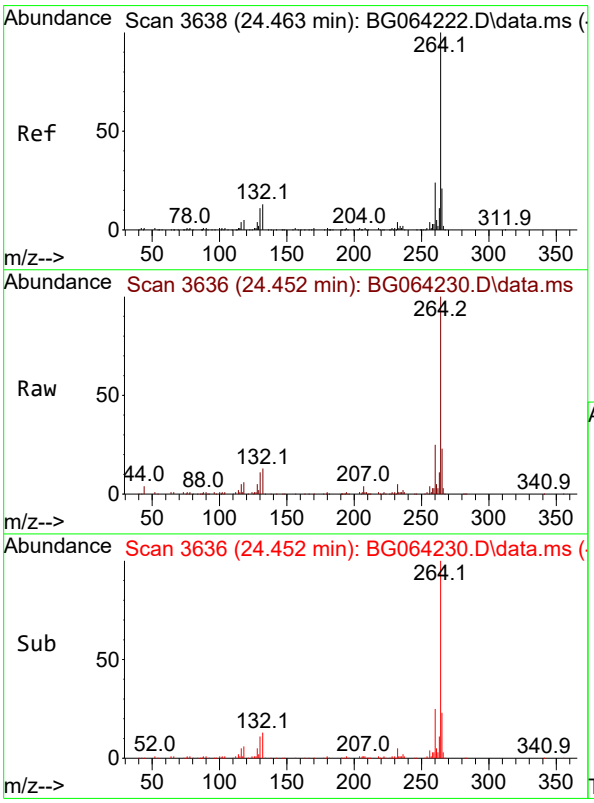

#79
Terphenyl-d14
Concen: 101.279 ng
RT: 19.840 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064230.D
Acq: 29 Aug 2025 15:11

**Instrument :**
BNA_G
**ClientSampleId :**
PB169464BL

Tgt Ion:244 Resp: 1131988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.5 | 6.6 | 10.0 |
| 122 | 9.6 | 7.0 | 10.6 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.452 min Scan# 3636
Delta R.T. -0.011 min
Lab File: BG064230.D
Acq: 29 Aug 2025 15:11

Tgt Ion:264 Resp: 249045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.6 | 18.9 | 28.3 |
| 265 | 23.1 | 16.7 | 25.1 |