Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
Data File : BG060656.D
Acq On : 15 Mar 2024 3:22
Operator : MA/JU
Sample : P1746-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SB-01-4.0-6.0-DUP

Quant Time: Mar 15 04:56:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 00:45:22 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.325 | 152 | 94740 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 11.169 | 136 | 429327 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.947 | 164 | 299450 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.697 | 188 | 623143 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 22.009 | 240 | 545357 | 20.000 | ng | -0.02 |
| 86) Perylene-d12 | 25.564 | 264 | 618403 | 20.000 | ng | -0.01 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.811 | 112 | 711762 | 118.100 | ng | 0.00 |
| 7) Phenol-d6 | 7.438 | 99 | 1023173 | 117.035 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.524 | 82 | 585299 | 70.951 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.433 | 330 | 435994 | 125.646 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.572 | 172 | 1481958 | 66.912 | ng | 0.00 |
| 79) Terphenyl-d14 | 20.276 | 244 | 2067701 | 68.532 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
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Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SB-01-4.0-6.0-DUP

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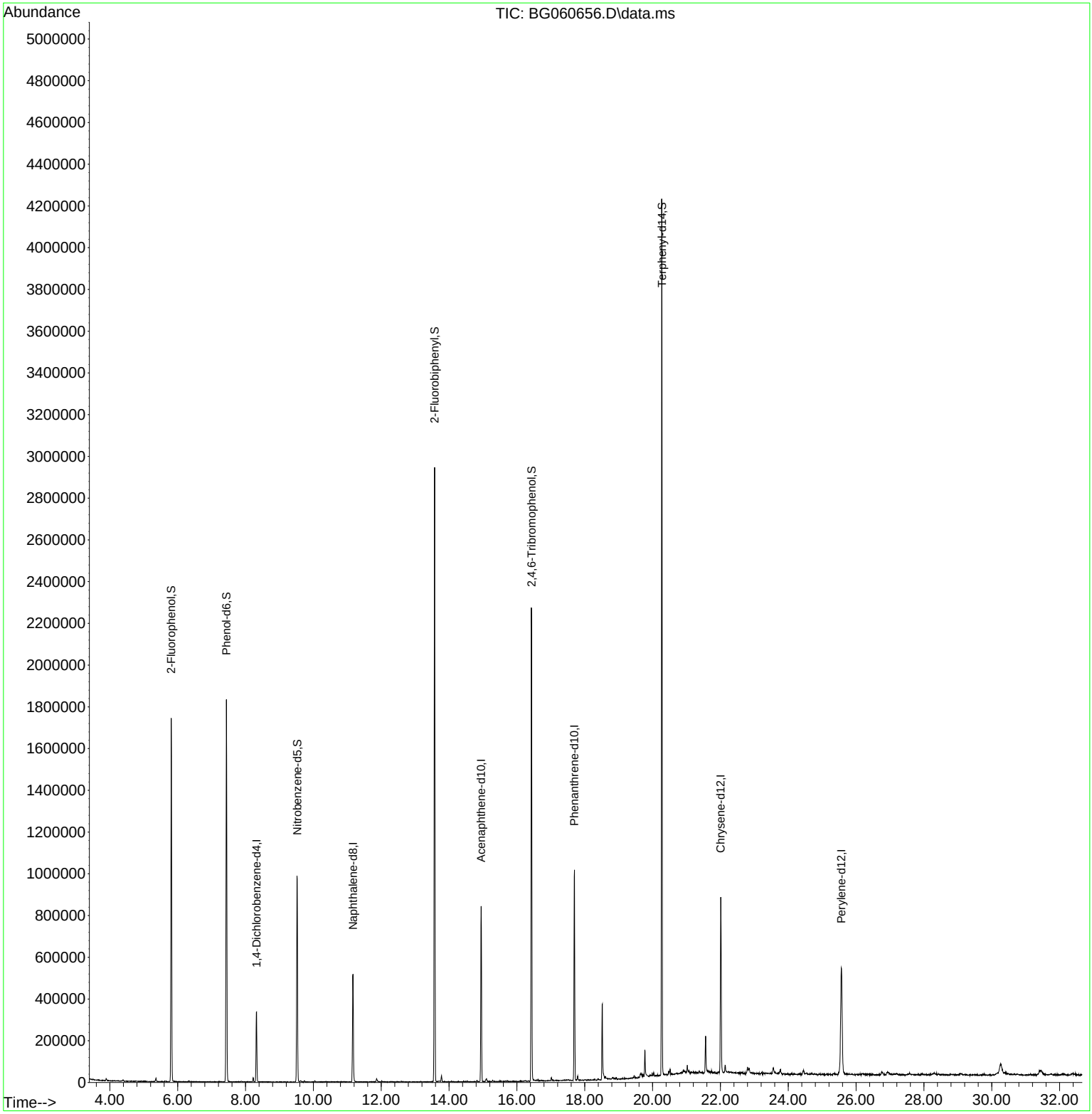
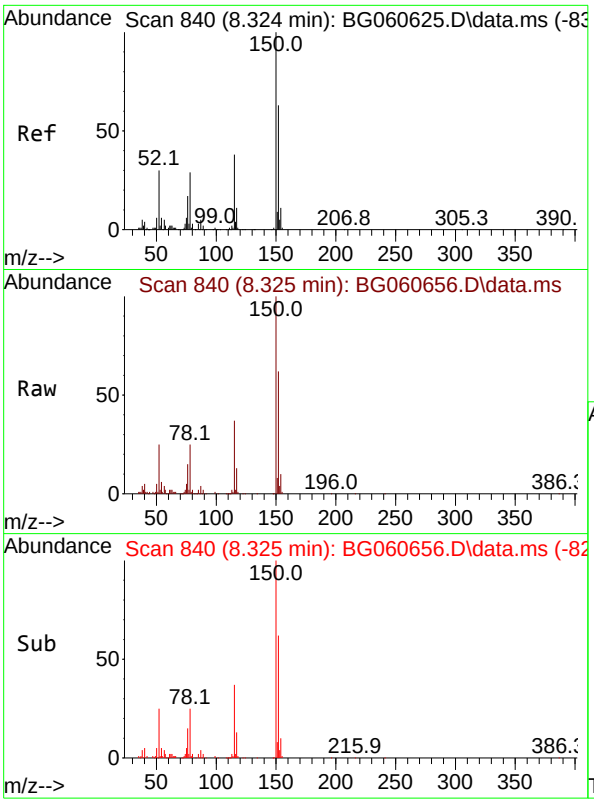


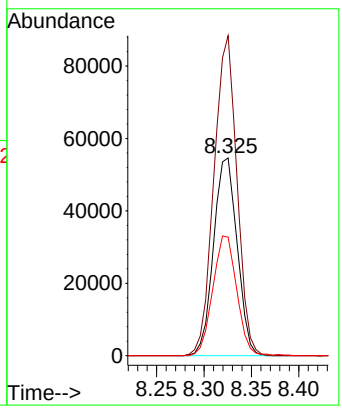


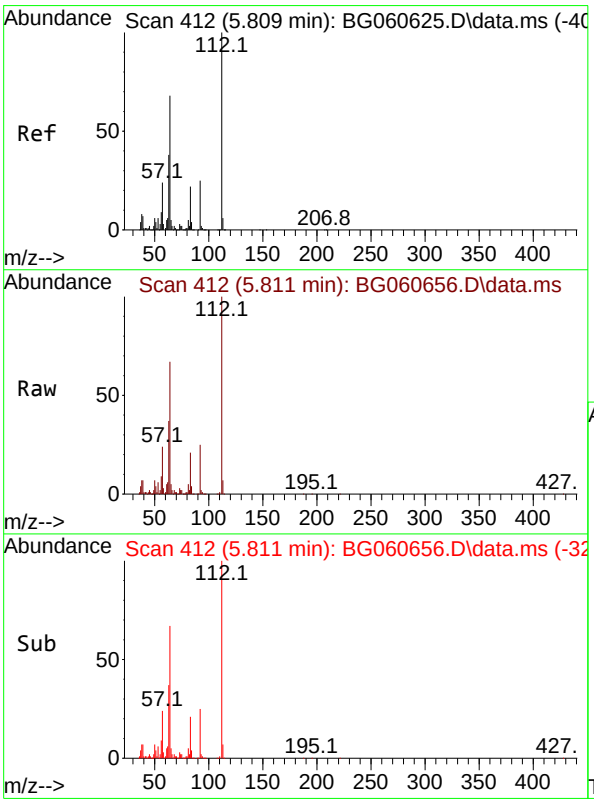

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.325 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG060656.D
Acq: 15 Mar 2024 3:22

**Instrument :**
BNA_G
**ClientSampleId :**
SB-01-4.0-6.0-DUP

Tgt Ion:152 Resp: 94740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 161.9 | 126.6 | 190.0 |
| 115 | 60.0 | 47.8 | 71.8 |

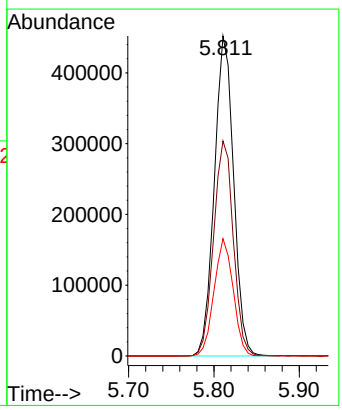


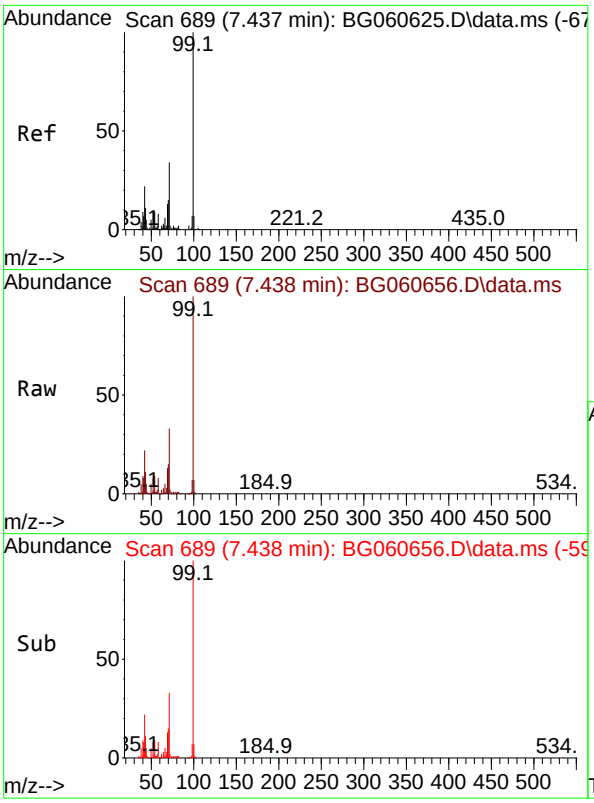




#5
2-Fluorophenol
Concen: 118.100 ng
RT: 5.811 min Scan# 412
Delta R.T. 0.001 min
Lab File: BG060656.D
Acq: 15 Mar 2024 3:22

Tgt Ion:112 Resp: 711762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 67.2 | 54.1 | 81.1 |
| 63 | 36.6 | 30.3 | 45.5 |



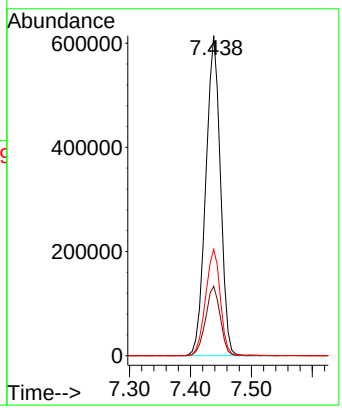


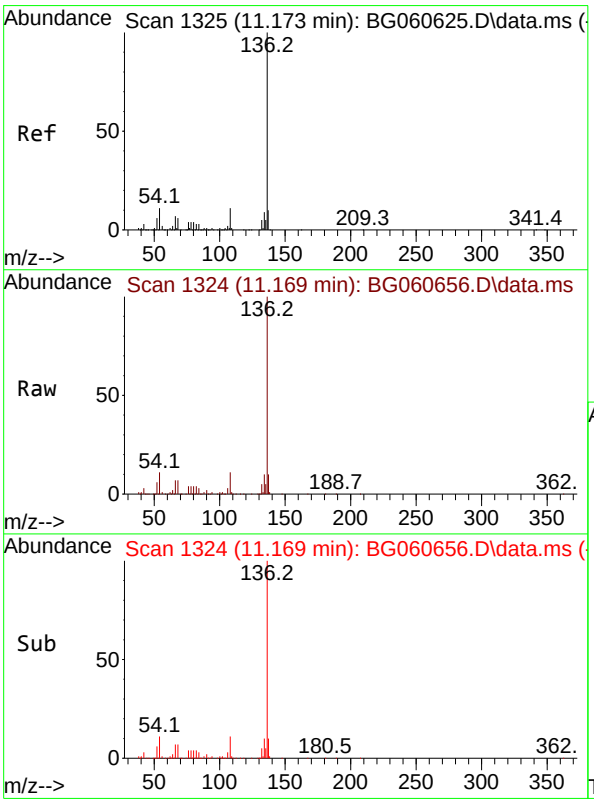

#7
Phenol-d6
Concen: 117.035 ng
RT: 7.438 min Scan# 6
Delta R.T. 0.001 min
Lab File: BG060656.D
Acq: 15 Mar 2024 3:22

**Instrument :**
BNA_G
**ClientSampleId :**
SB-01-4.0-6.0-DUP

Tgt Ion: 99 Resp: 1023173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.7 | 17.5 | 26.3 |
| 71 | 33.2 | 27.4 | 41.0 |

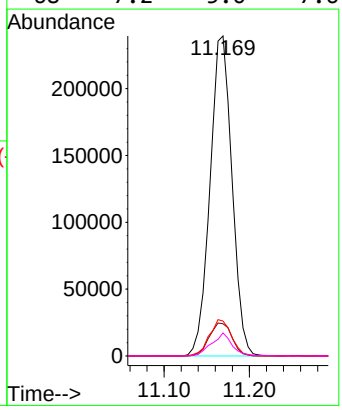


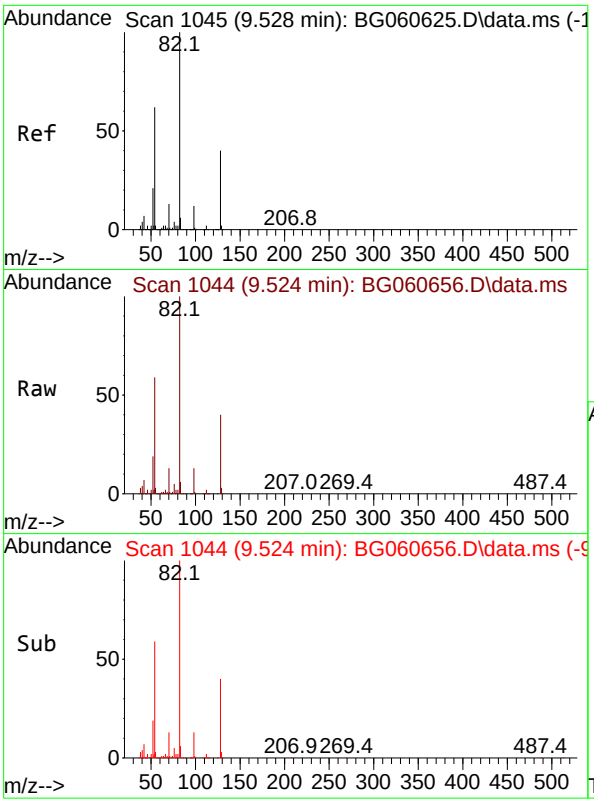




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.169 min Scan# 1324
Delta R.T. -0.004 min
Lab File: BG060656.D
Acq: 15 Mar 2024 3:22

Tgt Ion:136 Resp: 429327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.0 | 8.4 | 12.6 |
| 54 | 10.9 | 8.5 | 12.7 |
| 68 | 7.2 | 5.0 | 7.6 |



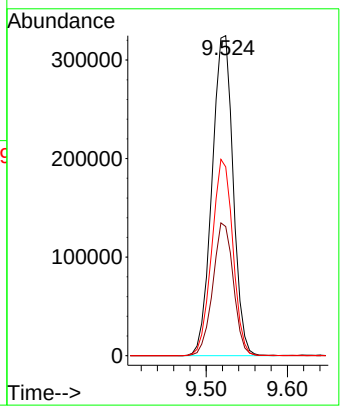


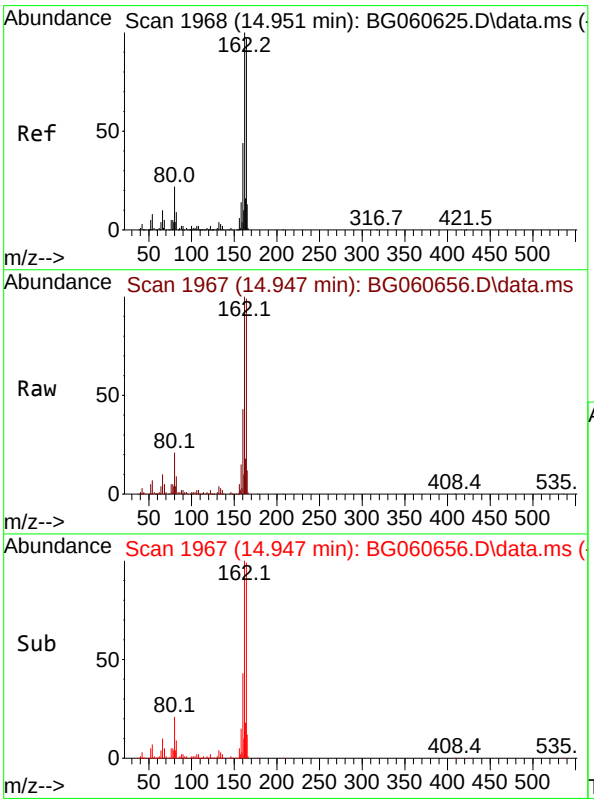

#23
Nitrobenzene-d5
Concen: 70.951 ng
RT: 9.524 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG060656.D
Acq: 15 Mar 2024 3:22

**Instrument :**
BNA_G
**ClientSampleId :**
SB-01-4.0-6.0-DUP

Tgt Ion: 82 Resp: 585299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 40.4 | 31.6 | 47.4 |
| 54 | 59.0 | 49.3 | 73.9 |

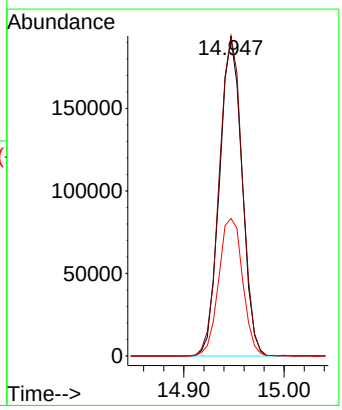


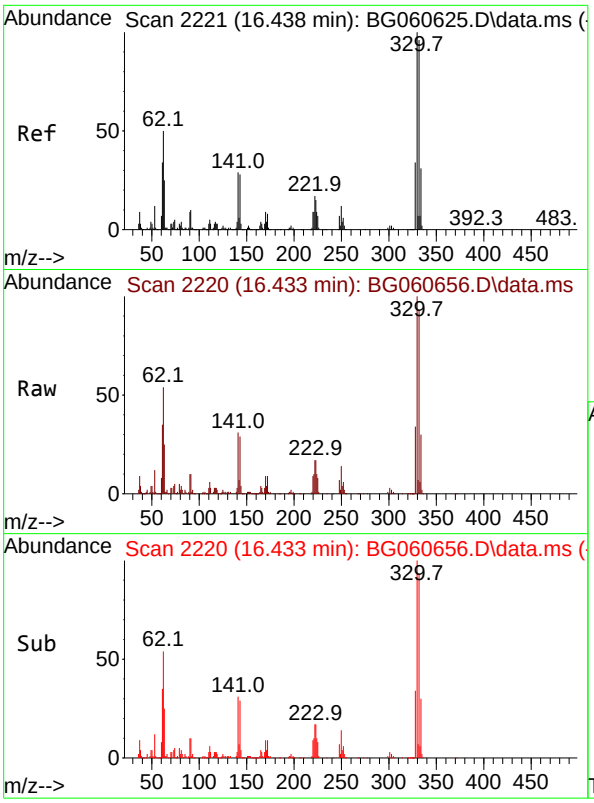




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.947 min Scan# 1967
Delta R.T. -0.004 min
Lab File: BG060656.D
Acq: 15 Mar 2024 3:22

Tgt Ion:164 Resp: 299450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.8 | 82.5 | 123.7 |
| 160 | 43.3 | 36.4 | 54.6 |



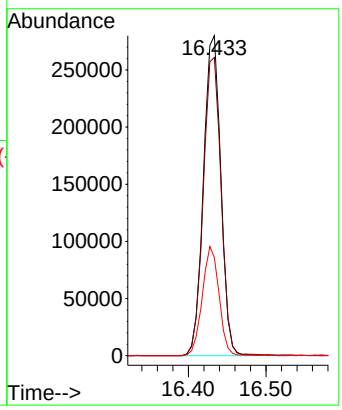


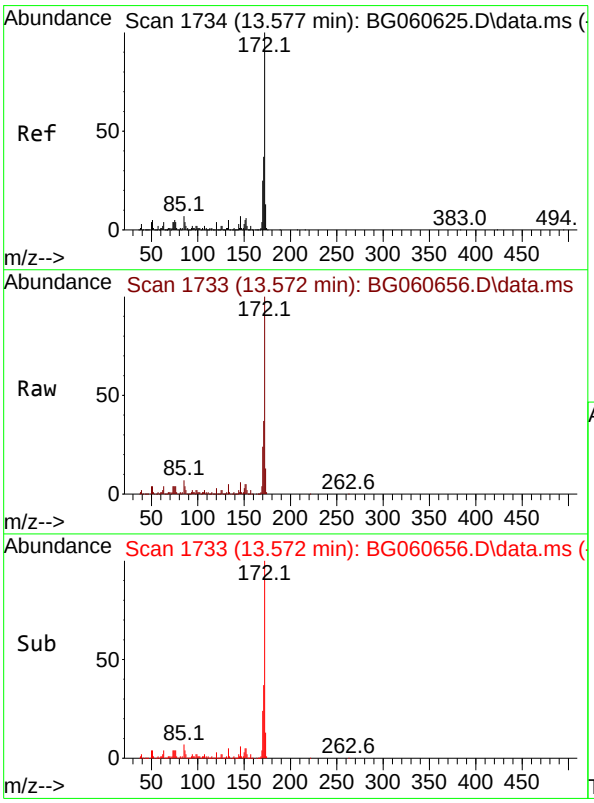

#42
2,4,6-Tribromophenol
Concen: 125.646 ng
RT: 16.433 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG060656.D
Acq: 15 Mar 2024 3:22

**Instrument :**
BNA_G
**ClientSampleId :**
SB-01-4.0-6.0-DUP

Tgt Ion:330 Resp: 435994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.4 | 77.8 | 116.8 |
| 141 | 32.9 | 25.4 | 38.2 |

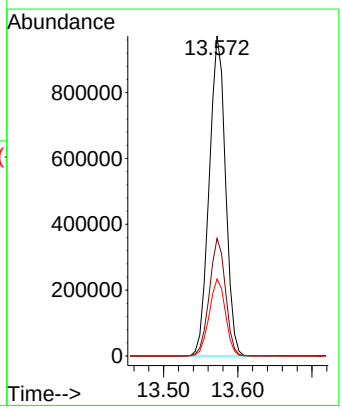


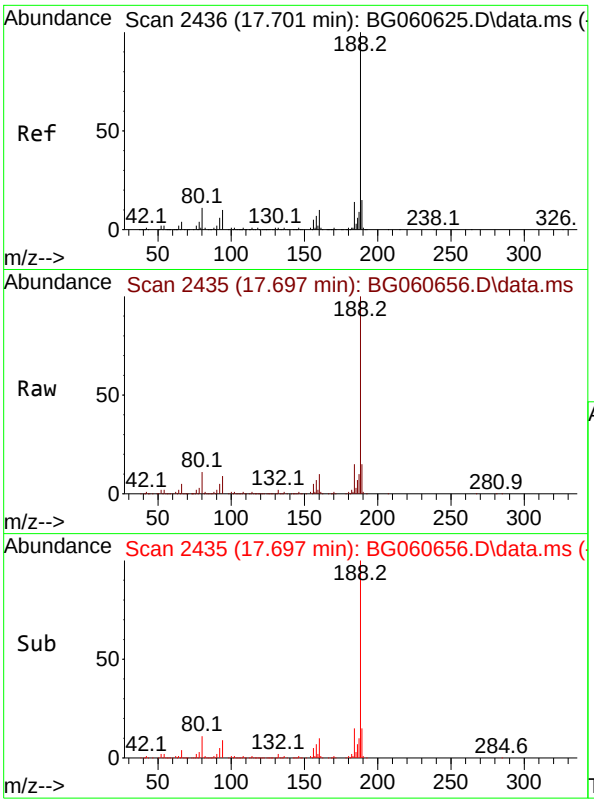




#45
2-Fluorobiphenyl
Concen: 66.912 ng
RT: 13.572 min Scan# 1733
Delta R.T. -0.004 min
Lab File: BG060656.D
Acq: 15 Mar 2024 3:22

Tgt Ion:172 Resp: 1481958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.8 | 29.9 | 44.9 |
| 170 | 24.0 | 19.8 | 29.6 |



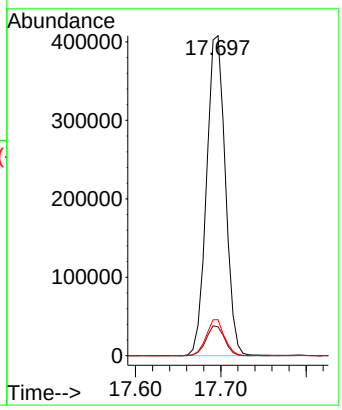


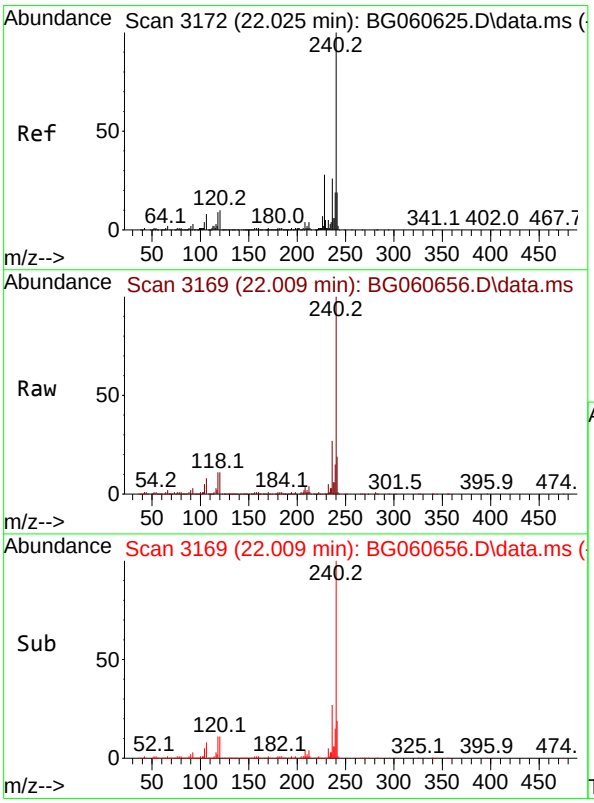

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.697 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG060656.D
Acq: 15 Mar 2024 3:22

**Instrument :**
BNA_G
**ClientSampleId :**
SB-01-4.0-6.0-DUP

Tgt Ion:188 Resp: 623143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.0 | 7.9 | 11.9 |
| 80 | 11.2 | 8.6 | 13.0 |

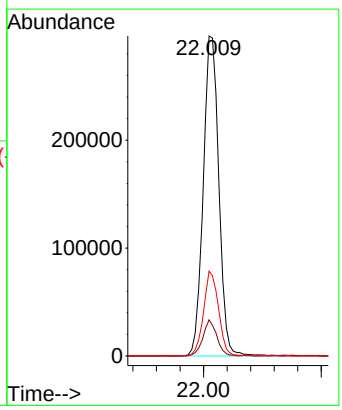


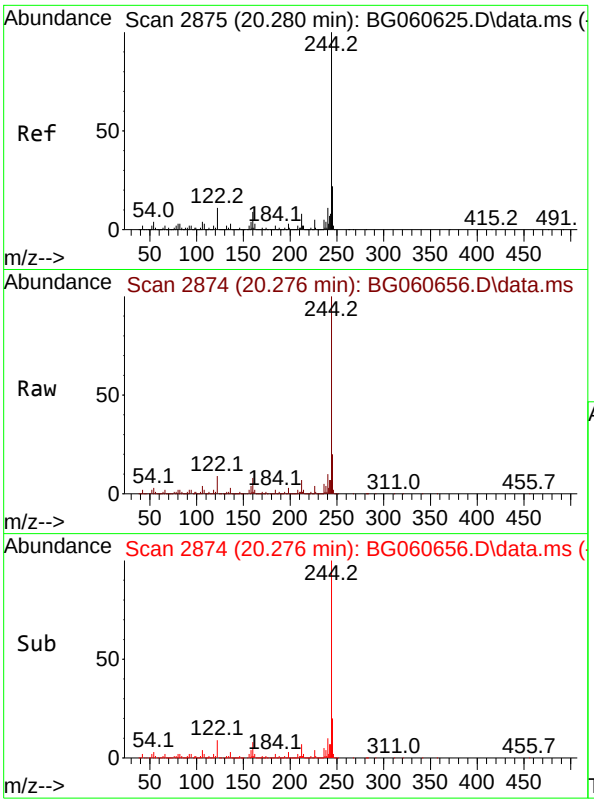




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.009 min Scan# 3169
Delta R.T. -0.016 min
Lab File: BG060656.D
Acq: 15 Mar 2024 3:22

Tgt Ion:240 Resp: 545357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.3 | 7.8 | 11.8 |
| 236 | 26.5 | 20.6 | 31.0 |



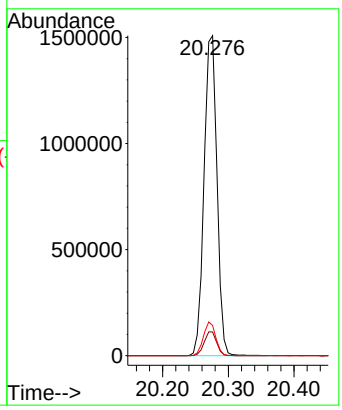


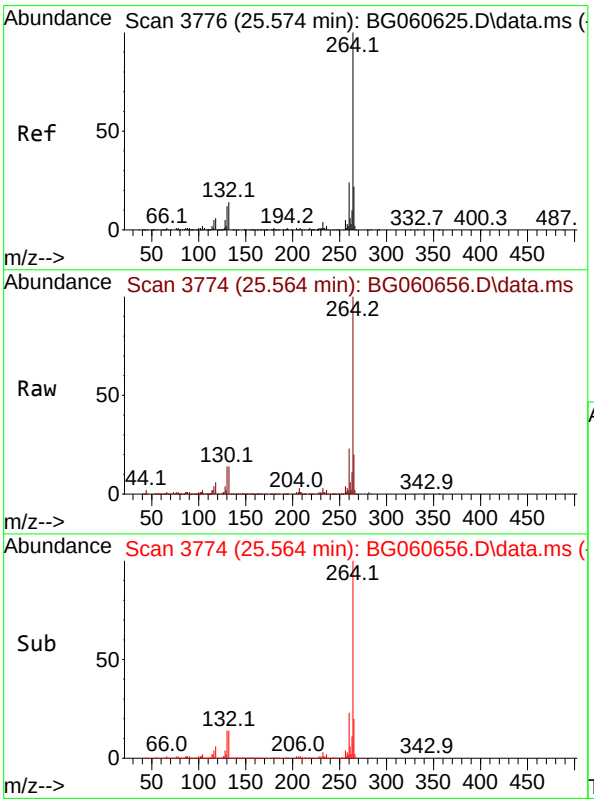

#79
Terphenyl-d14
Concen: 68.532 ng
RT: 20.276 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG060656.D
Acq: 15 Mar 2024 3:22

**Instrument :**
BNA_G
**ClientSampleId :**
SB-01-4.0-6.0-DUP

Tgt Ion:244 Resp: 2067701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.4 | 6.6 | 9.8 |
| 122 | 9.4 | 8.5 | 12.7 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.564 min Scan# 3774
Delta R.T. -0.010 min
Lab File: BG060656.D
Acq: 15 Mar 2024 3:22

Tgt Ion:264 Resp: 618403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.2 | 19.4 | 29.2 |
| 265 | 20.5 | 18.1 | 27.1 |