Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058825.D
Acq On : 23 Aug 2023 16:56
Operator : MA/JU
Sample : 04110-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
TP-04(1-2)

Quant Time: Aug 24 02:44:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 01:40:57 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.805 | 152 | 16606 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.608 | 136 | 73909 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.456 | 164 | 62398 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.200 | 188 | 159899 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.448 | 240 | 140526 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 24.515 | 264 | 173022 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.379 | 112 | 106120 | 102.839 | ng | 0.00 |
| 7) Phenol-d6 | 6.977 | 99 | 154091 | 106.433 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.969 | 82 | 96062 | 62.488 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.949 | 330 | 97966 | 100.130 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.076 | 172 | 247827 | 57.767 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.821 | 244 | 488014 | 62.357 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propyla... | 8.969 | 70 | 11738 | 12.543 | ng | # 73 |
| 51) 2,6-Dinitrotoluene | 14.456 | 165 | 8099 | 7.979 | ng | # 22 |
| 57) 2,4-Dinitrotoluene | 14.456 | 165 | 8099 | 5.721 | ng | # 19 |
| 67) 4-Bromophenyl-phenylether | 15.949 | 248 | 6497 | 3.703 | ng | # 1 |
| 77) Benzidine | 19.821 | 184 | 7214 | 2.864 | ng | # 91 |

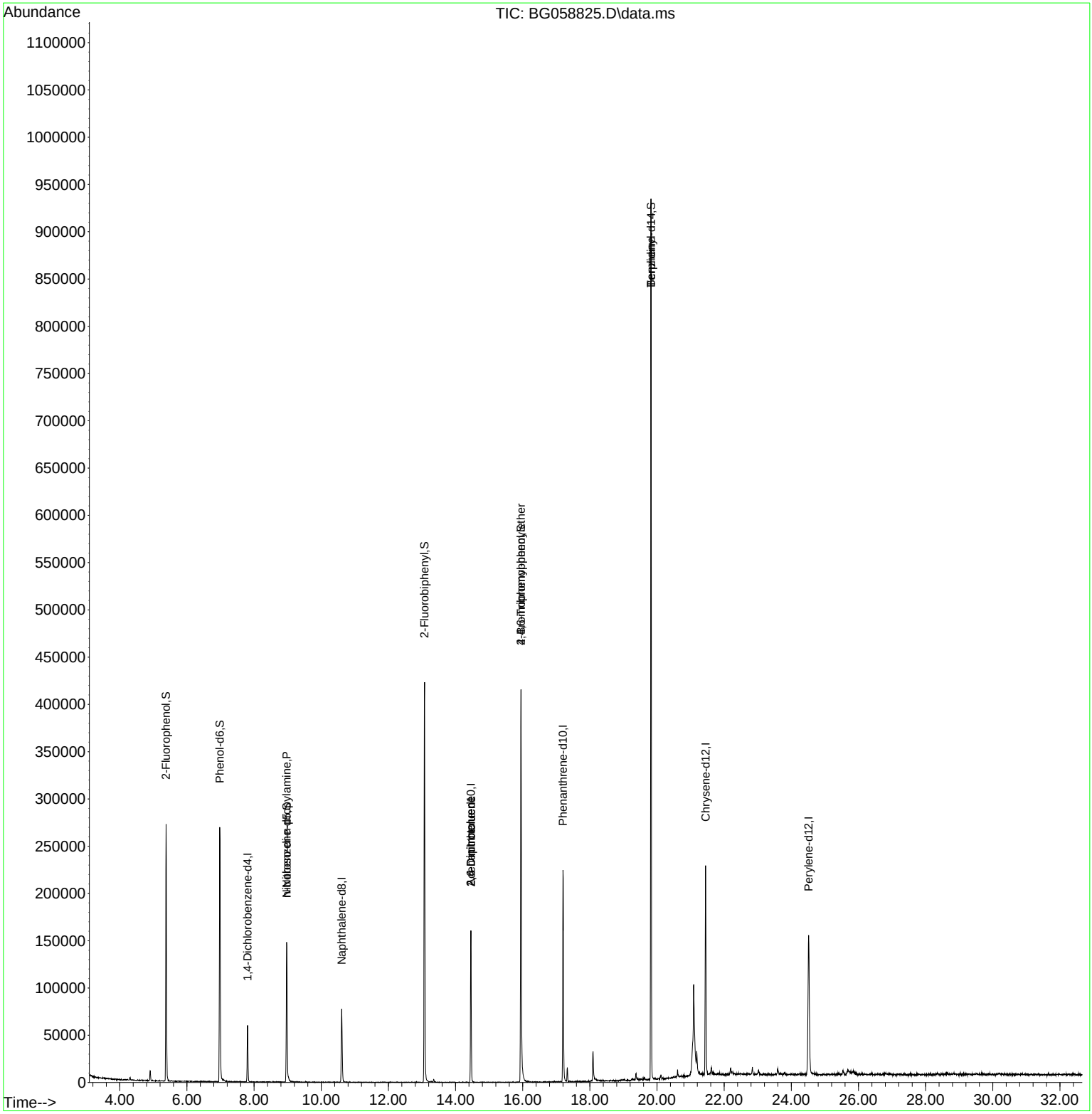
(#) = qualifier out of range (m) = manual integration (+) = signals summed

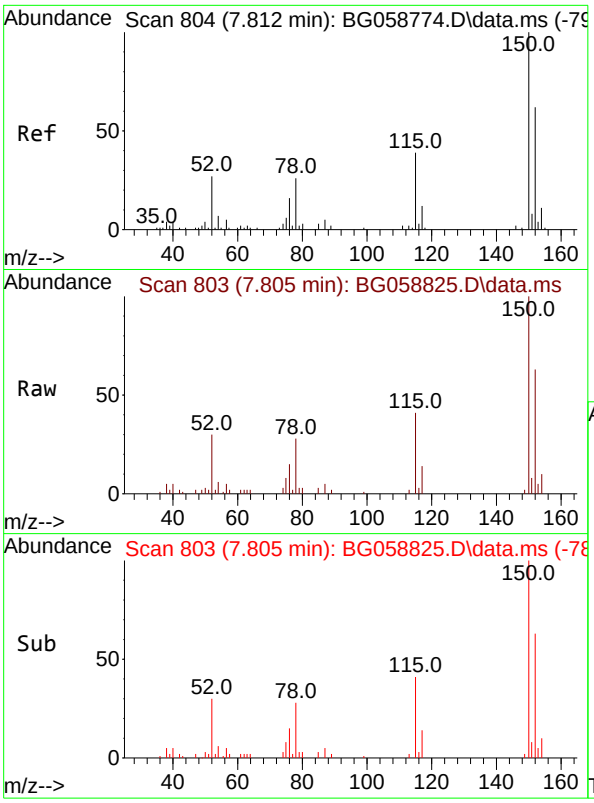
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058825.D
Acq On : 23 Aug 2023 16:56
Operator : MA/JU
Sample : 04110-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
TP-04(1-2)

Quant Time: Aug 24 02:44:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 01:40:57 2023
Response via : Initial Calibration



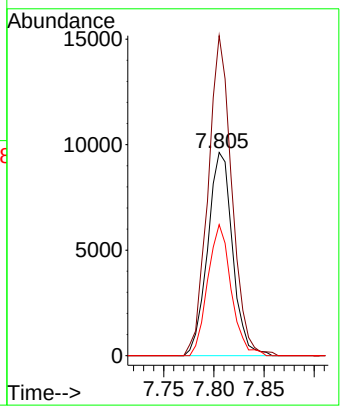


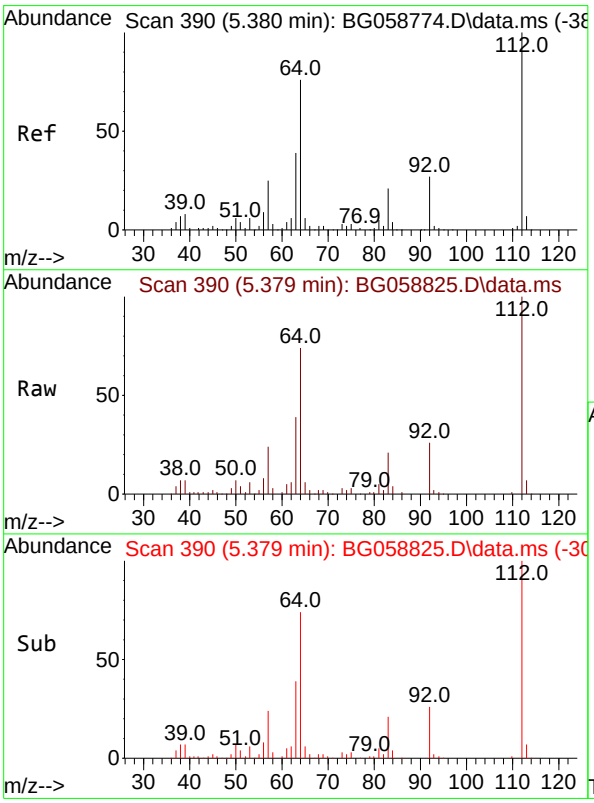

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 8
Delta R.T. -0.007 min
Lab File: BG058825.D
Acq: 23 Aug 2023 16:56

**Instrument :**
BNA_G
**ClientSampleId :**
TP-04(1-2)

Tgt Ion:152 Resp: 16606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.5 | 128.6 | 192.8 |
| 115 | 64.5 | 50.4 | 75.6 |

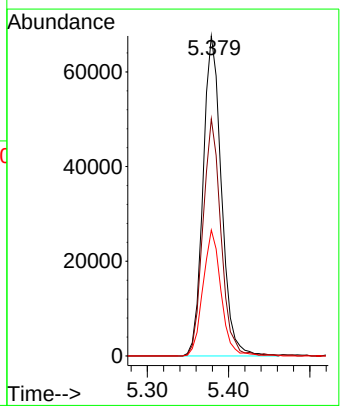


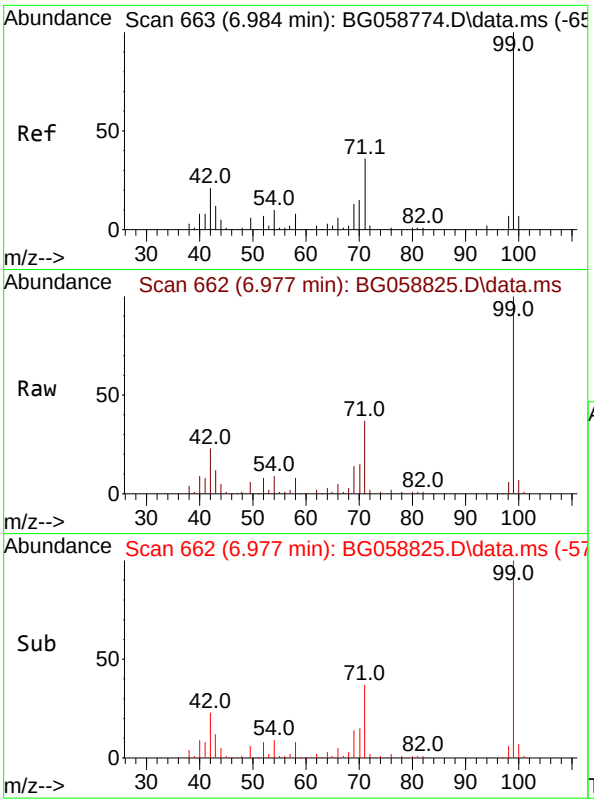




#5
2-Fluorophenol
Concen: 102.839 ng
RT: 5.379 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG058825.D
Acq: 23 Aug 2023 16:56

Tgt Ion:112 Resp: 106120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 74.1 | 60.6 | 90.8 |
| 63 | 39.4 | 31.0 | 46.4 |



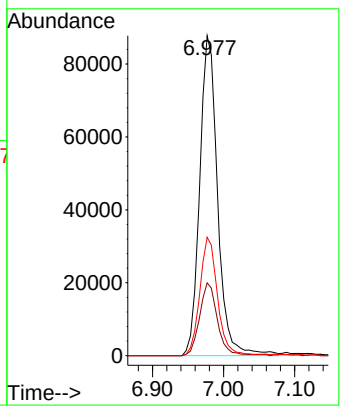


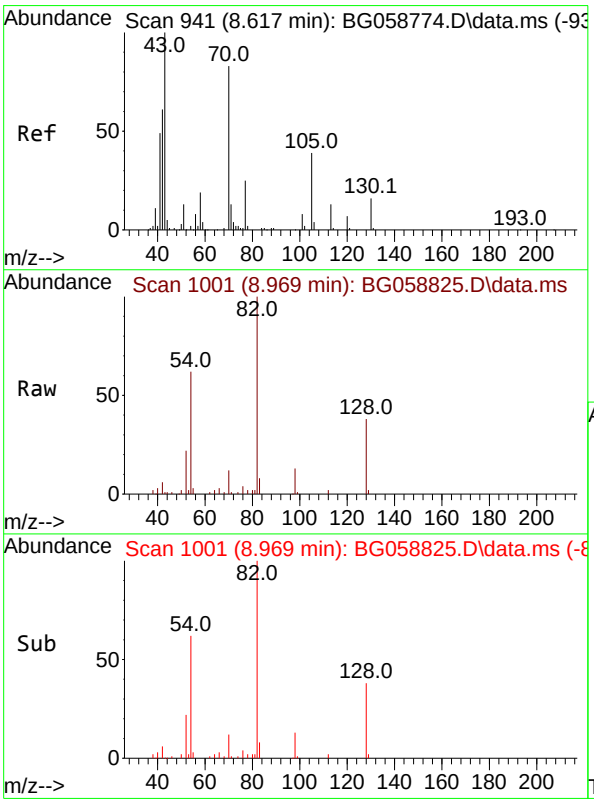

#7
Phenol-d6
Concen: 106.433 ng
RT: 6.977 min Scan# 6
Delta R.T. -0.007 min
Lab File: BG058825.D
Acq: 23 Aug 2023 16:56

**Instrument :**
BNA_G
**ClientSampleId :**
TP-04(1-2)

Tgt Ion: 99 Resp: 154091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.8 | 16.5 | 24.7 |
| 71 | 37.0 | 28.4 | 42.6 |

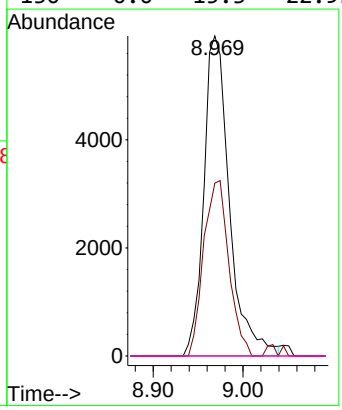


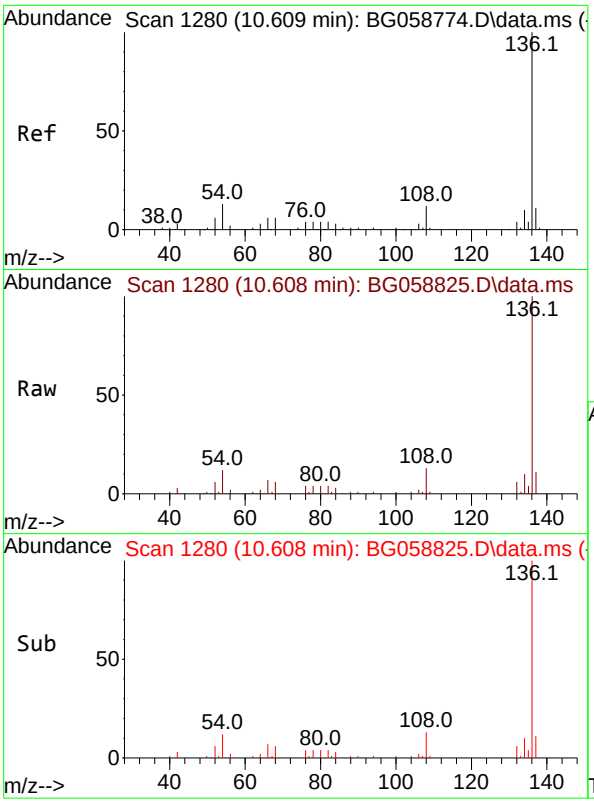




#19
n-Nitroso-di-n-propylamine
Concen: 12.543 ng
RT: 8.969 min Scan# 1001
Delta R.T. 0.351 min
Lab File: BG058825.D
Acq: 23 Aug 2023 16:56

Tgt Ion: 70 Resp: 11738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 54.0 | 59.2 | 88.8# |
| 101 | 0.0 | 8.2 | 12.2# |
| 130 | 0.0 | 15.3 | 22.9# |



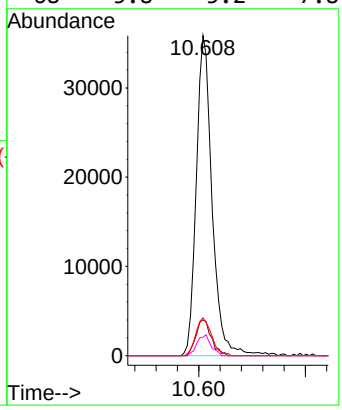


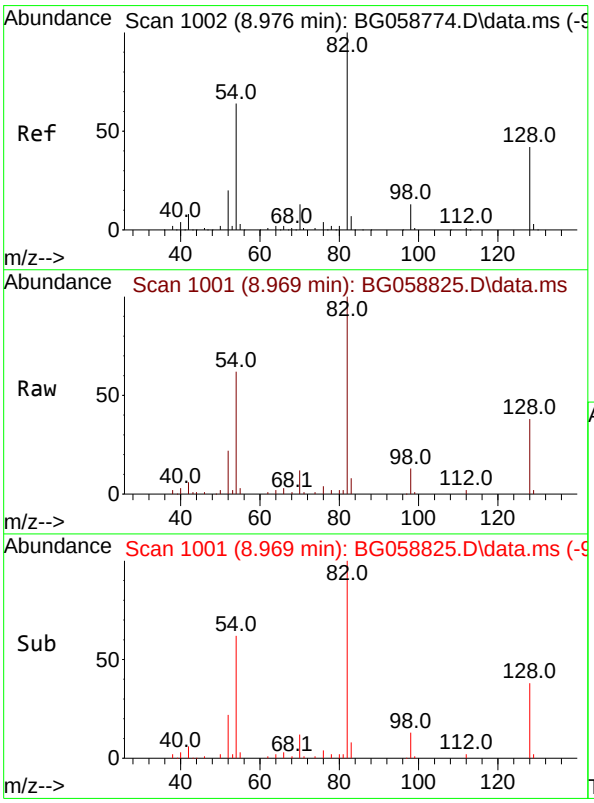

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG058825.D
Acq: 23 Aug 2023 16:56

**Instrument :**
BNA_G
**ClientSampleId :**
TP-04(1-2)

Tgt Ion:136 Resp: 73909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.7 | 13.1 |
| 54 | 11.8 | 10.1 | 15.1 |
| 68 | 5.8 | 5.2 | 7.8 |

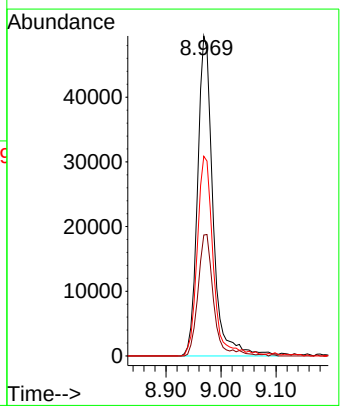


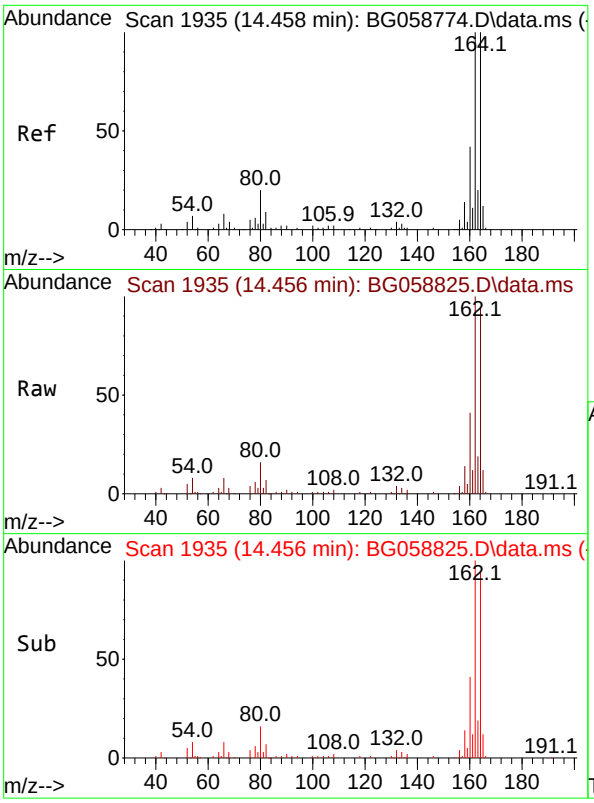




#23
Nitrobenzene-d5
Concen: 62.488 ng
RT: 8.969 min Scan# 1001
Delta R.T. -0.007 min
Lab File: BG058825.D
Acq: 23 Aug 2023 16:56

Tgt Ion: 82 Resp: 96062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 37.8 | 33.2 | 49.8 |
| 54 | 62.4 | 51.2 | 76.8 |



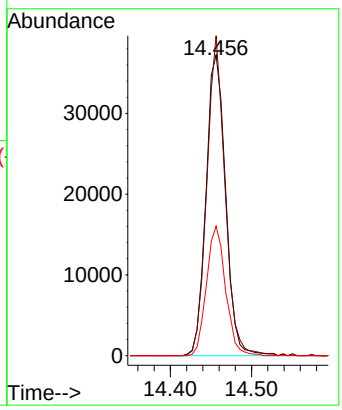


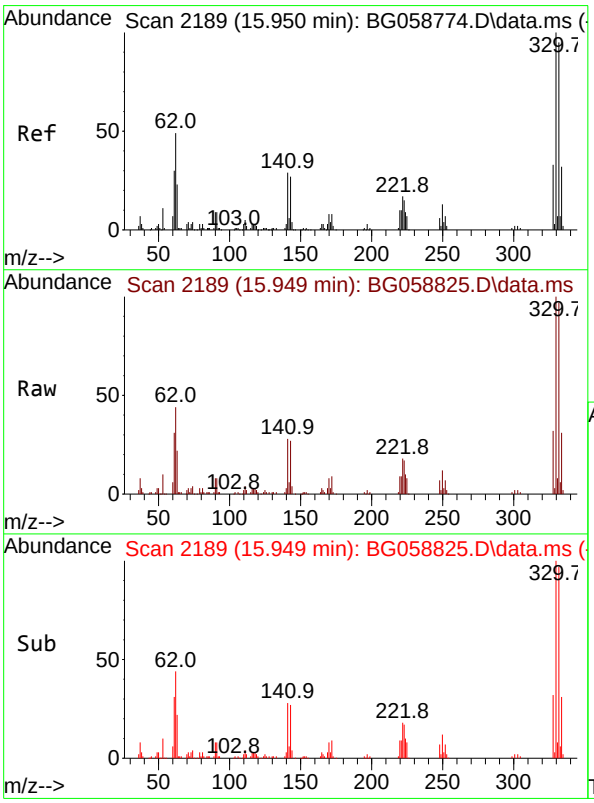

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.456 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG058825.D
Acq: 23 Aug 2023 16:56

**Instrument :**
BNA_G
**ClientSampleId :**
TP-04(1-2)

Tgt Ion:164 Resp: 62398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 106.4 | 79.6 | 119.4 |
| 160 | 43.1 | 34.0 | 51.0 |

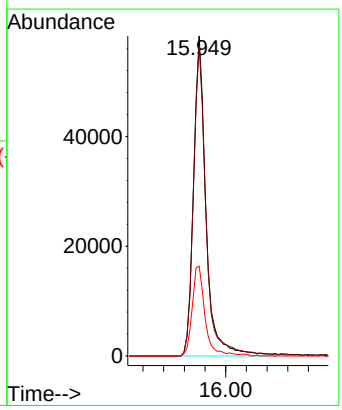


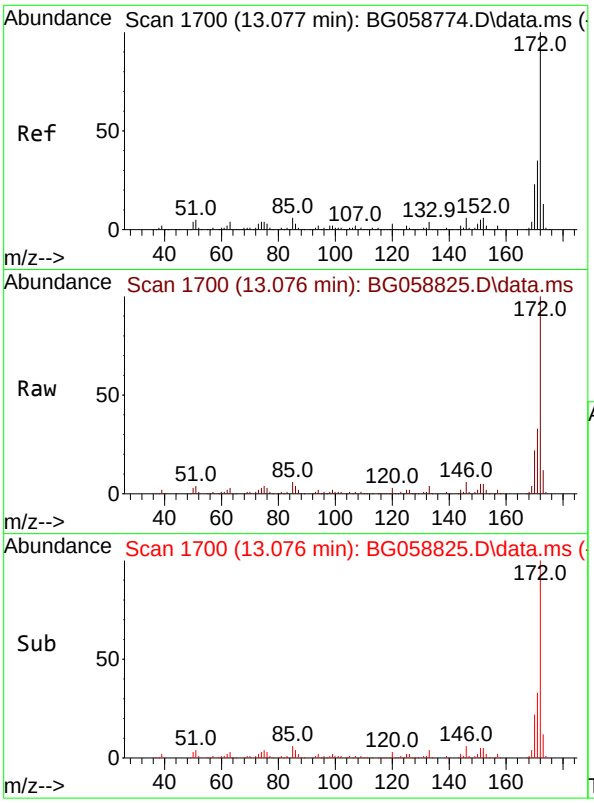




#42
2,4,6-Tribromophenol
Concen: 100.130 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.001 min
Lab File: BG058825.D
Acq: 23 Aug 2023 16:56

Tgt Ion:330 Resp: 97966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.0 | 78.5 | 117.7 |
| 141 | 28.6 | 23.0 | 34.6 |



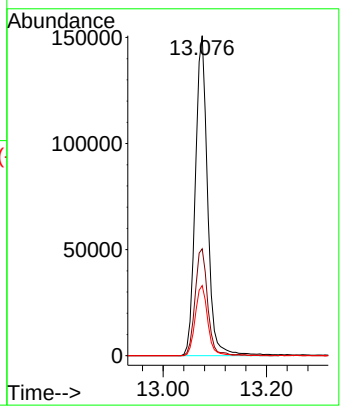


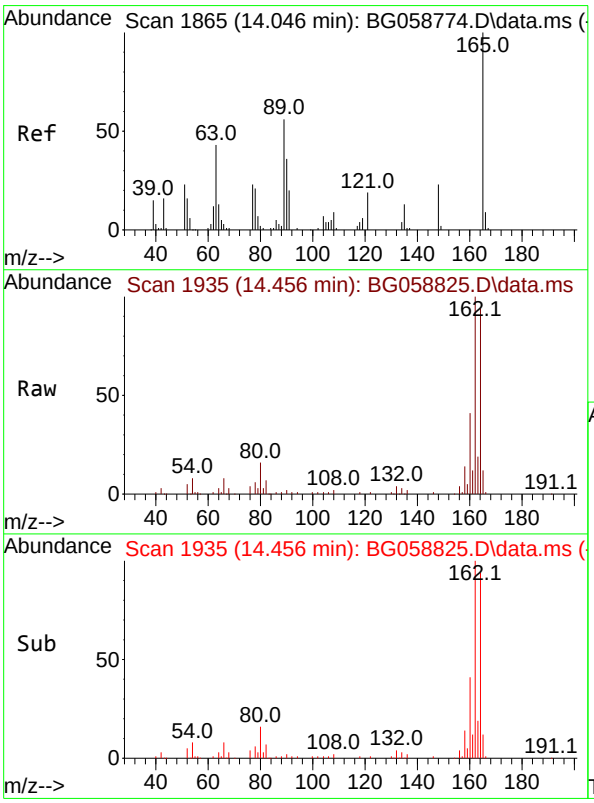

#45
2-Fluorobiphenyl
Concen: 57.767 ng
RT: 13.076 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG058825.D
Acq: 23 Aug 2023 16:56

**Instrument :**
BNA_G
**ClientSampleId :**
TP-04(1-2)

Tgt Ion:172 Resp: 247827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 33.4 | 28.1 | 42.1 |
| 170 | 21.9 | 18.6 | 27.8 |

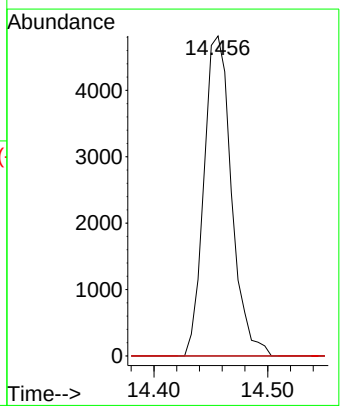


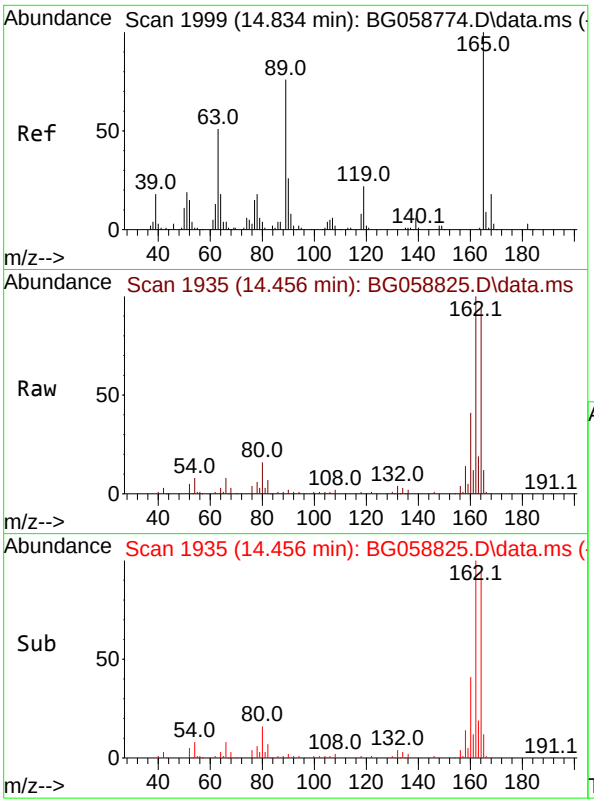




#51
2,6-Dinitrotoluene
Concen: 7.979 ng
RT: 14.456 min Scan# 1935
Delta R.T. 0.410 min
Lab File: BG058825.D
Acq: 23 Aug 2023 16:56

Tgt Ion:165 Resp: 8099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 47.2 | 70.8# |
| 89 | 0.0 | 45.0 | 67.4# |



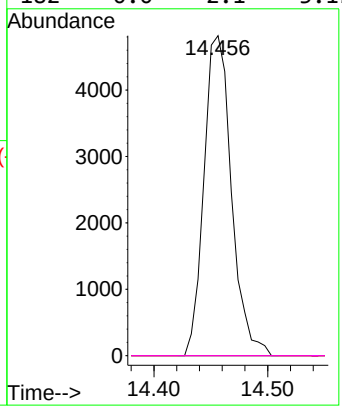


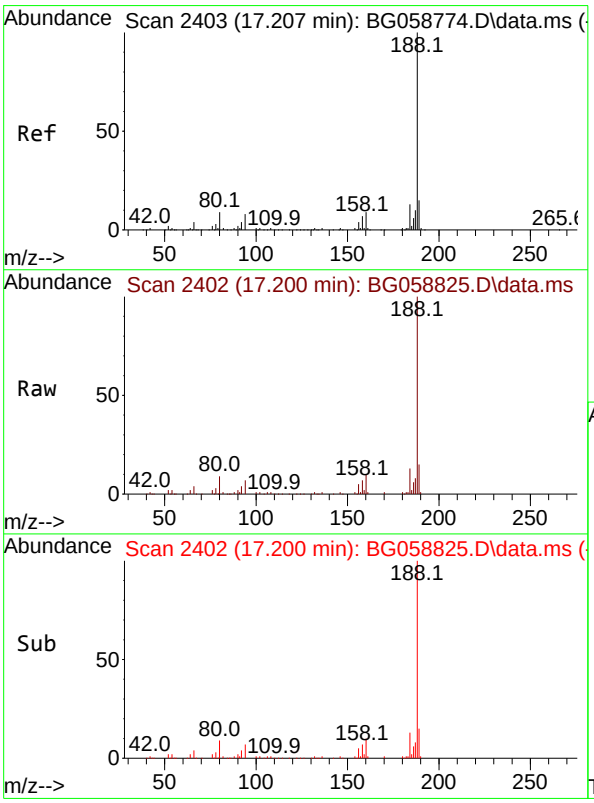

#57
2,4-Dinitrotoluene
Concen: 5.721 ng
RT: 14.456 min Scan# 1
Delta R.T. -0.377 min
Lab File: BG058825.D
Acq: 23 Aug 2023 16:56

**Instrument :**
BNA_G
**ClientSampleId :**
TP-04(1-2)

Tgt Ion:165 Resp: 8099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 41.8 | 62.6# |
| 89 | 0.0 | 60.7 | 91.1# |
| 182 | 0.0 | 2.1 | 3.1# |

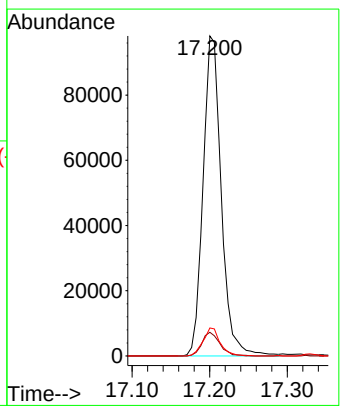


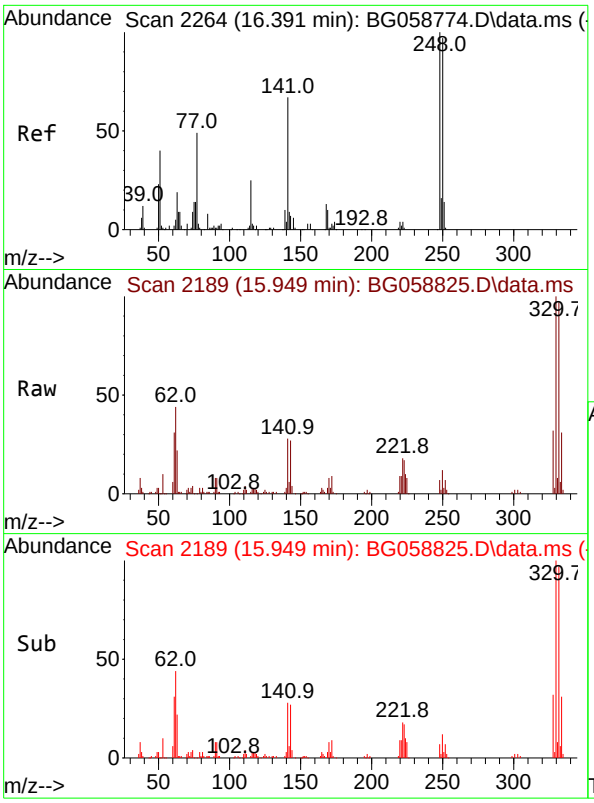




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.200 min Scan# 2402
Delta R.T. -0.007 min
Lab File: BG058825.D
Acq: 23 Aug 2023 16:56

Tgt Ion:188 Resp: 159899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.4 | 6.1 | 9.1 |
| 80 | 8.8 | 6.9 | 10.3 |



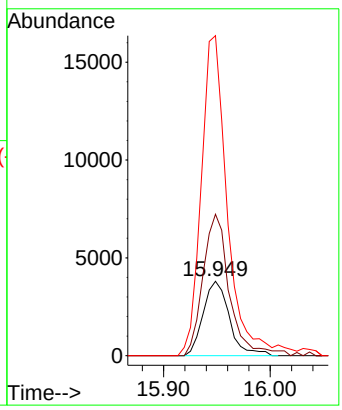


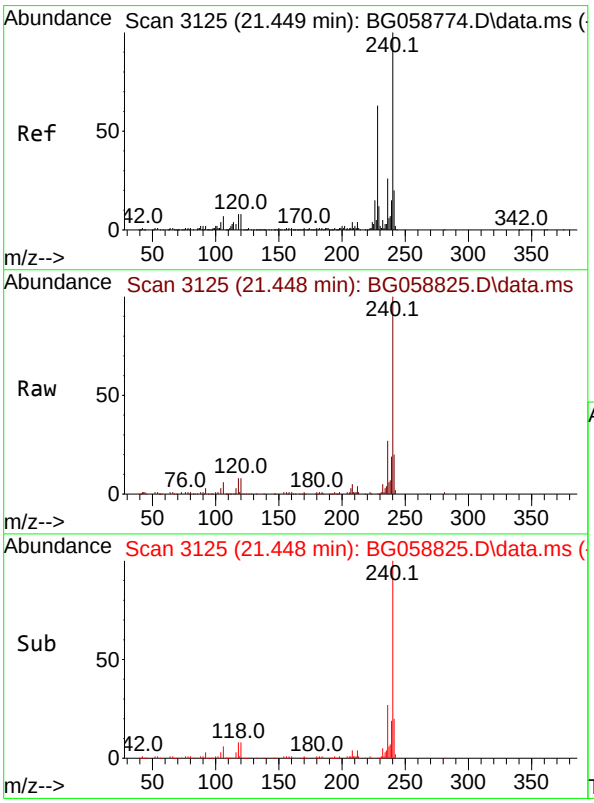

#67
4-Bromophenyl-phenylether
Concen: 3.703 ng
RT: 15.949 min Scan# 21
Delta R.T. -0.442 min
Lab File: BG058825.D
Acq: 23 Aug 2023 16:56

**Instrument :**
BNA_G
**ClientSampleId :**
TP-04(1-2)

Tgt Ion:248 Resp: 6497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 190.2 | 77.7 | 116.5# |
| 141 | 430.5 | 53.6 | 80.4# |

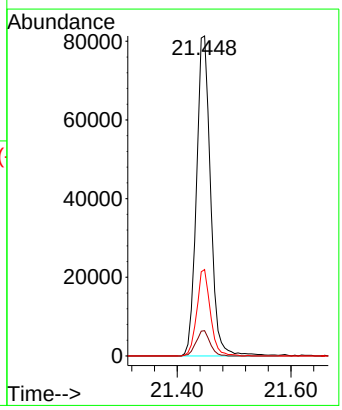


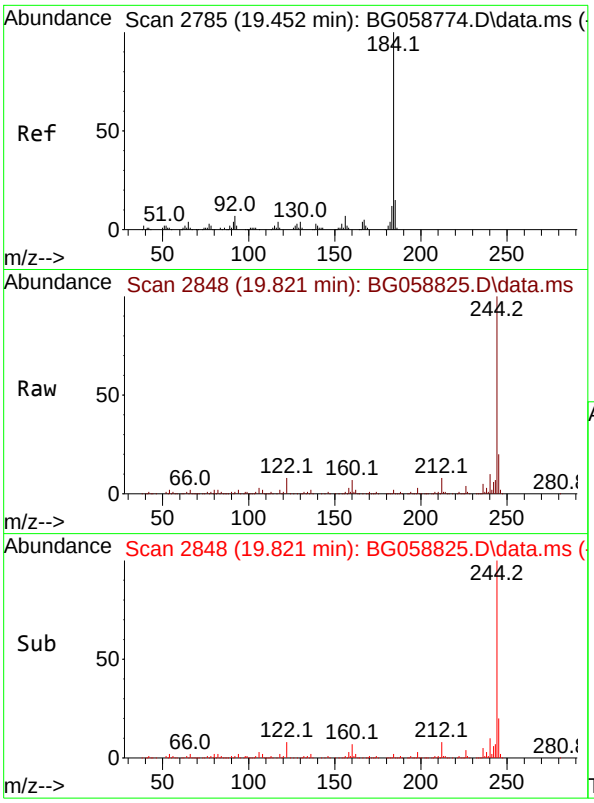




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.001 min
Lab File: BG058825.D
Acq: 23 Aug 2023 16:56

Tgt Ion:240 Resp: 140526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.9 | 6.2 | 9.2 |
| 236 | 27.0 | 20.5 | 30.7 |



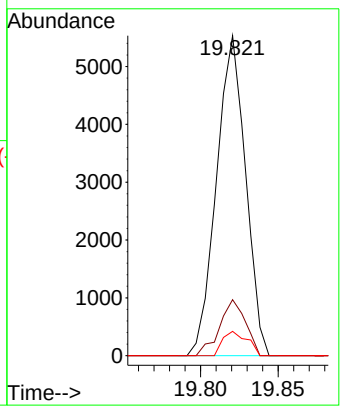


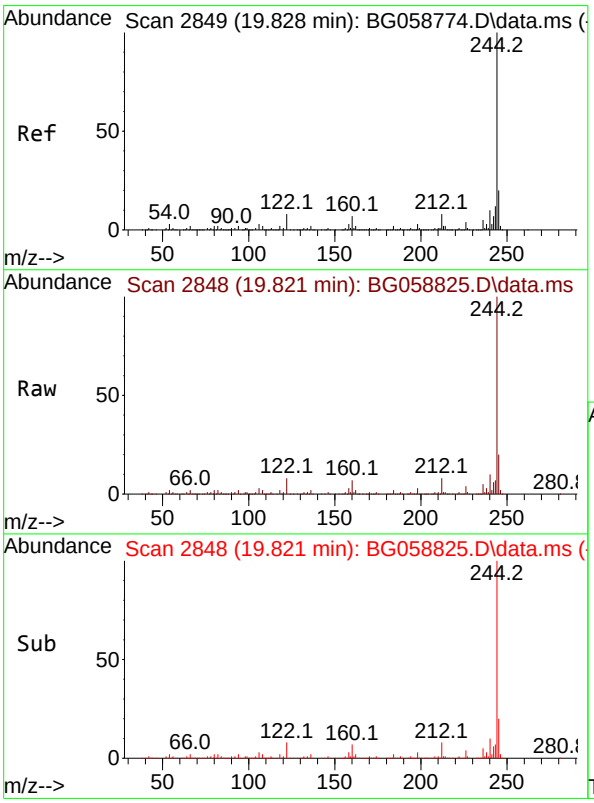

#77
Benzidine
Concen: 2.864 ng
RT: 19.821 min Scan# 2
Delta R.T. 0.369 min
Lab File: BG058825.D
Acq: 23 Aug 2023 16:56

**Instrument :**
BNA_G
**ClientSampleId :**
TP-04(1-2)

Tgt Ion:184 Resp: 7214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 17.5 | 11.9 | 17.9 |
| 183 | 7.6 | 10.0 | 15.0# |

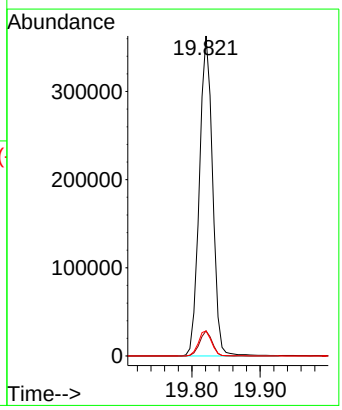


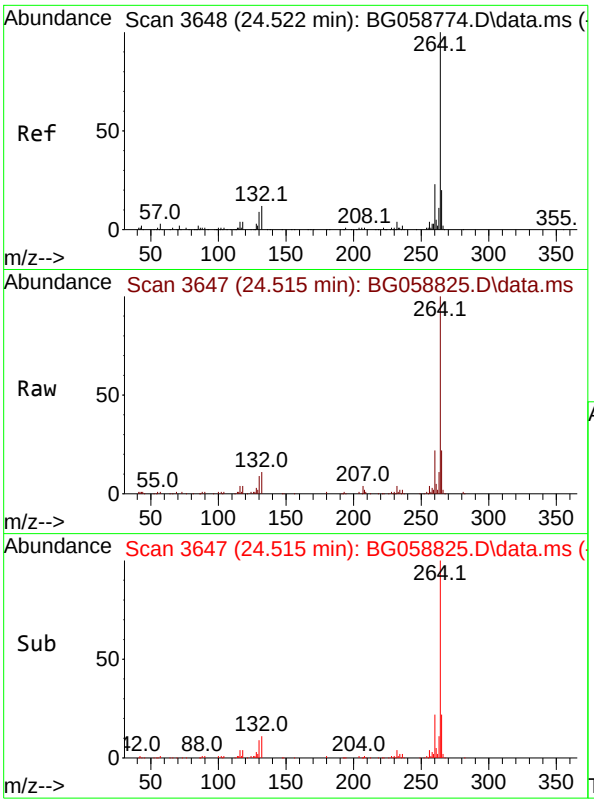




#79
Terphenyl-d14
Concen: 62.357 ng
RT: 19.821 min Scan# 2848
Delta R.T. -0.007 min
Lab File: BG058825.D
Acq: 23 Aug 2023 16:56

Tgt Ion:244 Resp: 488014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.9 | 6.2 | 9.2 |
| 122 | 7.8 | 6.3 | 9.5 |






#86
Perylene-d12
Concen: 20.000 ng
RT: 24.515 min Scan# 3
Delta R.T. -0.007 min
Lab File: BG058825.D
Acq: 23 Aug 2023 16:56

**Instrument :**
BNA_G
**ClientSampleId :**
TP-04(1-2)

Tgt Ion:264 Resp: 173022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.2 | 18.2 | 27.2 |
| 265 | 21.7 | 16.4 | 24.6 |