Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082922\
Data File : BG054778.D
Acq On : 29 Aug 2022 18:52
Operator : CG/JU
Sample : N4376-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
MW-18R

Quant Time: Aug 30 02:50:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration

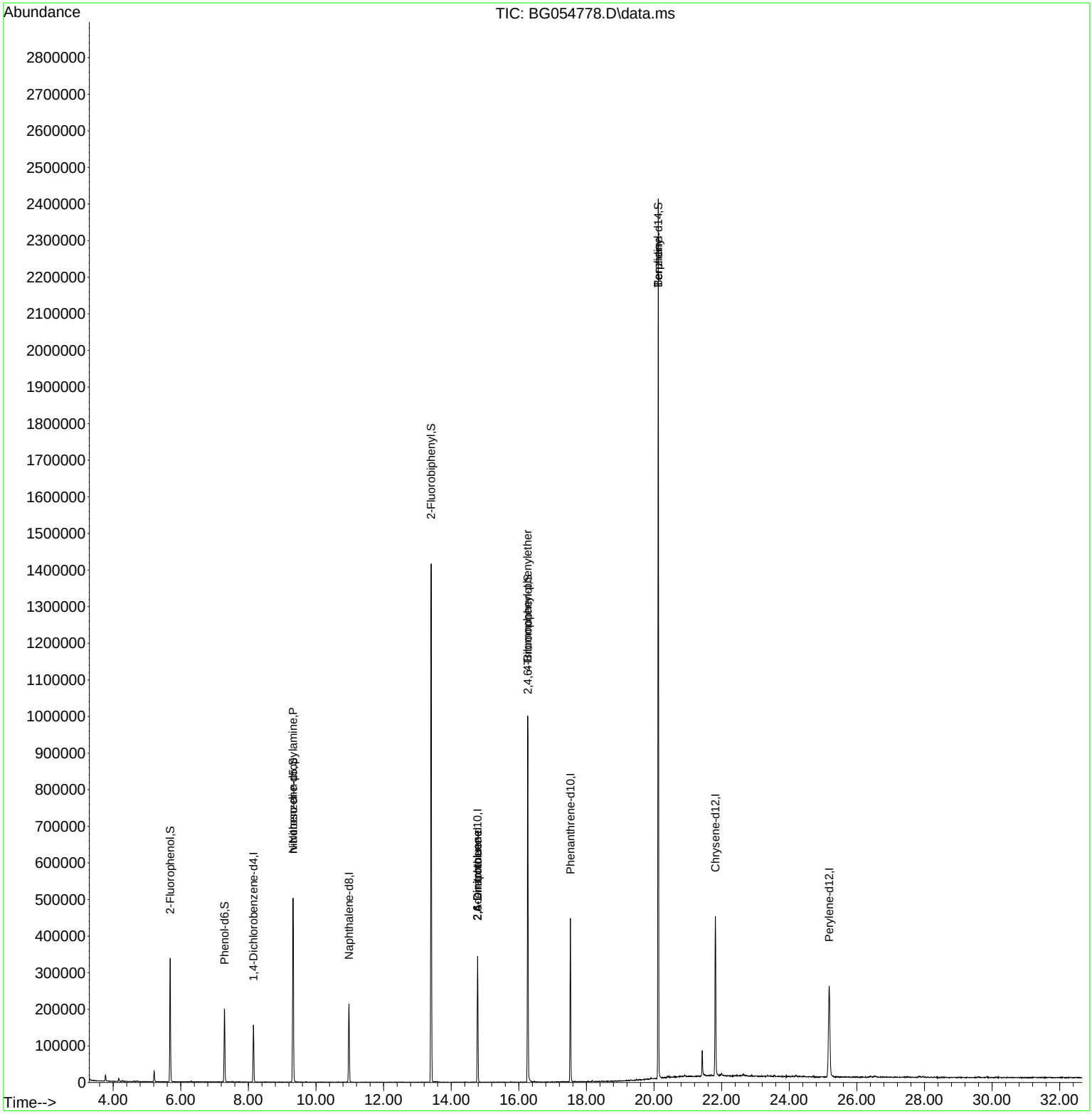
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.149 | 152 | 46340 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.975 | 136 | 191538 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.783 | 164 | 127293 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.527 | 188 | 288420 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.816 | 240 | 278850 | 20.000 | ng | -0.01 |
| 86) Perylene-d12 | 25.182 | 264 | 288890 | 20.000 | ng | -0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.687 | 112 | 155117 | 58.290 | ng | 0.00 |
| 7) Phenol-d6 | 7.291 | 99 | 125623 | 34.518 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.324 | 82 | 323381 | 88.632 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.269 | 330 | 204921 | 128.832 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.408 | 172 | 763217 | 90.117 | ng | 0.00 |
| 79) Terphenyl-d14 | 20.124 | 244 | 1188655 | 84.461 | ng | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propyla... | 9.324 | 70 | 40825 | 16.313 | ng | # 80 |
| 51) 2,6-Dinitrotoluene | 14.777 | 165 | 16808 | 8.379 | ng | # 20 |
| 57) 2,4-Dinitrotoluene | 14.777 | 165 | 16808 | 6.058 | ng | # 18 |
| 67) 4-Bromophenyl-phenylether | 16.263 | 248 | 13343 | 4.214 | ng | # 1 |
| 77) Benzidine | 20.124 | 184 | 18584 | 2.691 | ng | # 92 |

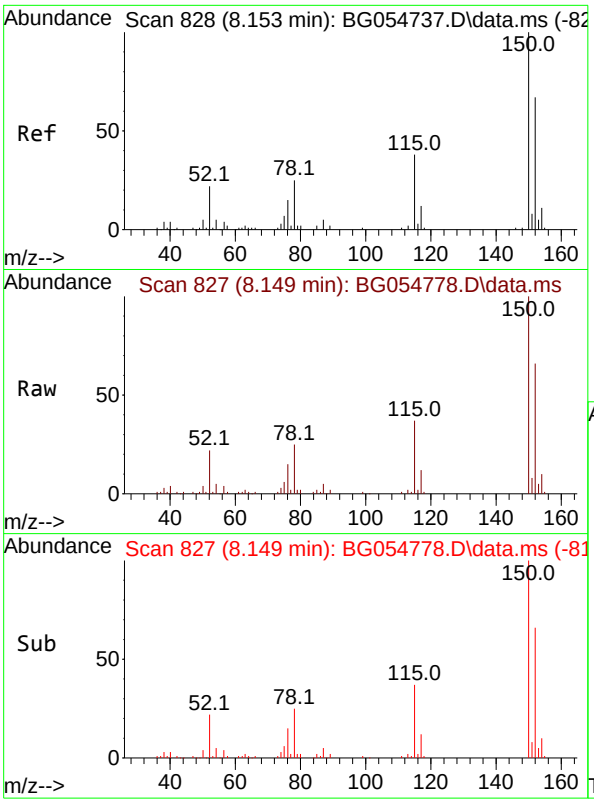
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082922\
Data File : BG054778.D
Acq On : 29 Aug 2022 18:52
Operator : CG/JU
Sample : N4376-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
MW-18R

Quant Time: Aug 30 02:50:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration



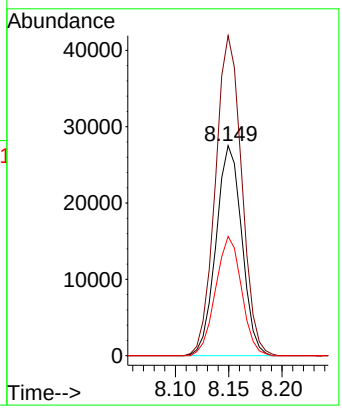


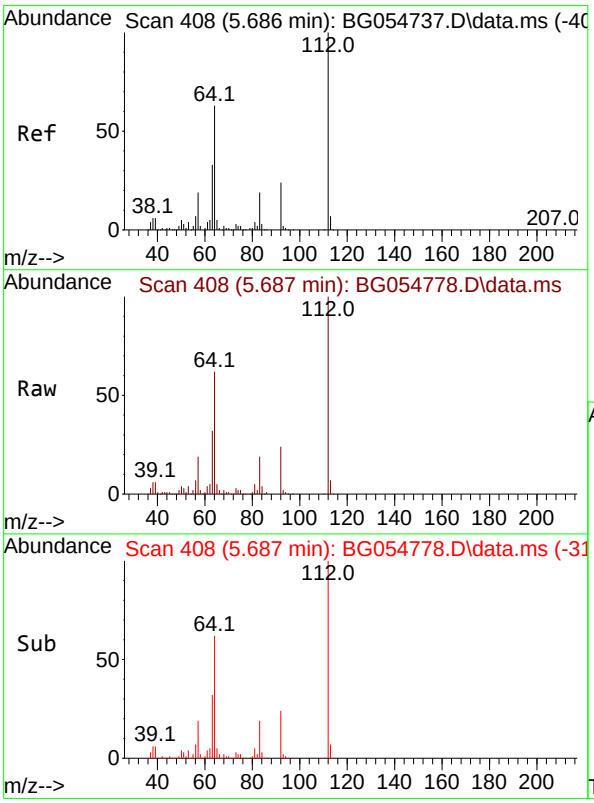

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.149 min Scan# 8
Delta R.T. -0.004 min
Lab File: BG054778.D
Acq: 29 Aug 2022 18:52

**Instrument :**
BNA_G
**ClientSampleId :**
MW-18R

Tgt Ion:152 Resp: 46340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.3 | 125.2 | 187.8 |
| 115 | 56.7 | 47.9 | 71.9 |

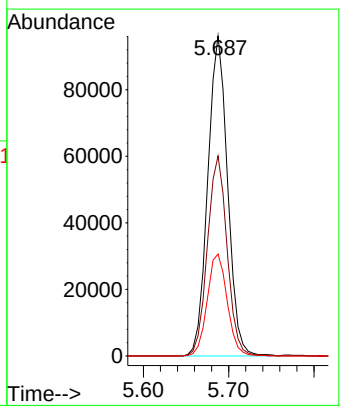


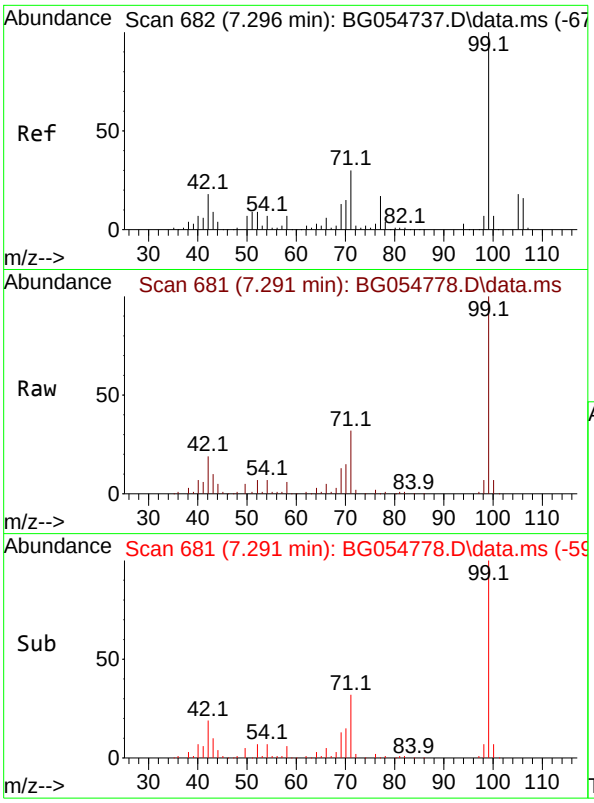




#5
2-Fluorophenol
Concen: 58.290 ng
RT: 5.687 min Scan# 408
Delta R.T. 0.002 min
Lab File: BG054778.D
Acq: 29 Aug 2022 18:52

Tgt Ion:112 Resp: 155117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 62.5 | 49.3 | 73.9 |
| 63 | 31.9 | 26.3 | 39.5 |



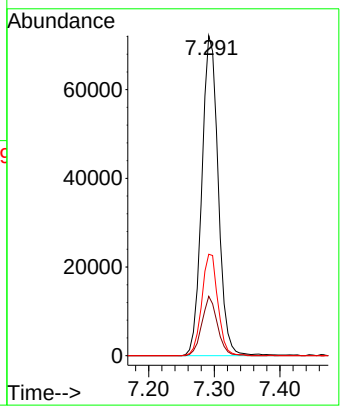


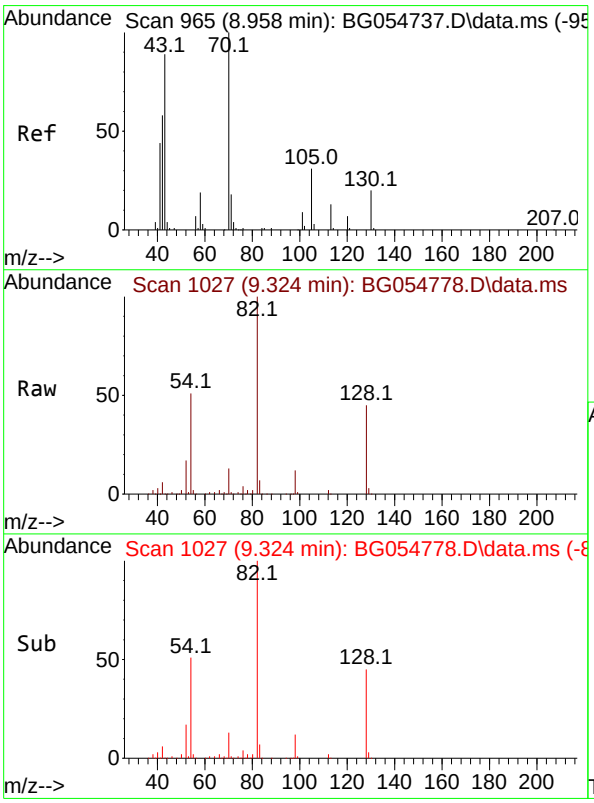

#7
Phenol-d6
Concen: 34.518 ng
RT: 7.291 min Scan# 6
Delta R.T. -0.004 min
Lab File: BG054778.D
Acq: 29 Aug 2022 18:52

**Instrument :**
BNA_G
**ClientSampleId :**
MW-18R

Tgt Ion: 99 Resp: 125623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.6 | 14.6 | 22.0 |
| 71 | 31.7 | 24.6 | 37.0 |

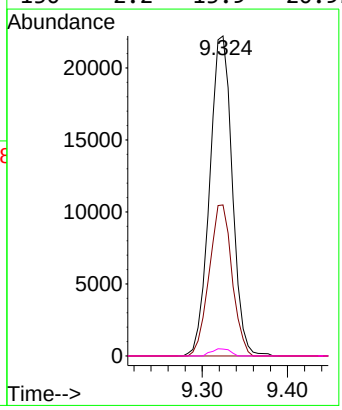


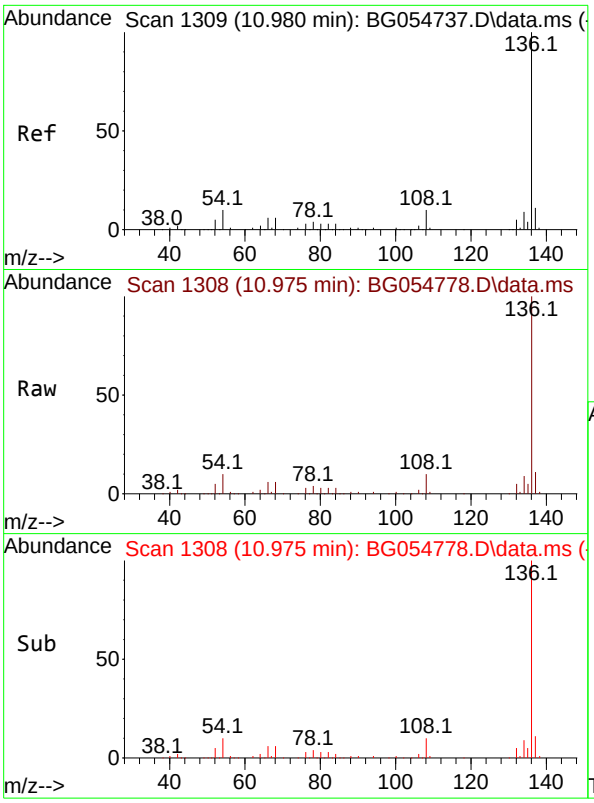




#19
n-Nitroso-di-n-propylamine
Concen: 16.313 ng
RT: 9.324 min Scan# 1027
Delta R.T. 0.366 min
Lab File: BG054778.D
Acq: 29 Aug 2022 18:52

Tgt Ion: 70 Resp: 40825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 47.2 | 46.6 | 69.8 |
| 101 | 0.0 | 7.7 | 11.5# |
| 130 | 2.2 | 13.9 | 20.9# |



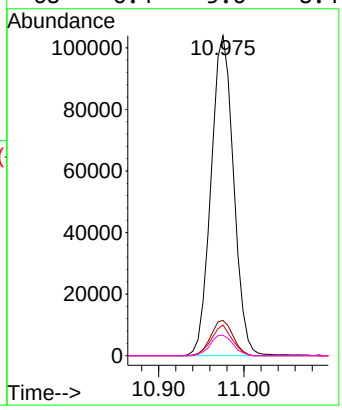


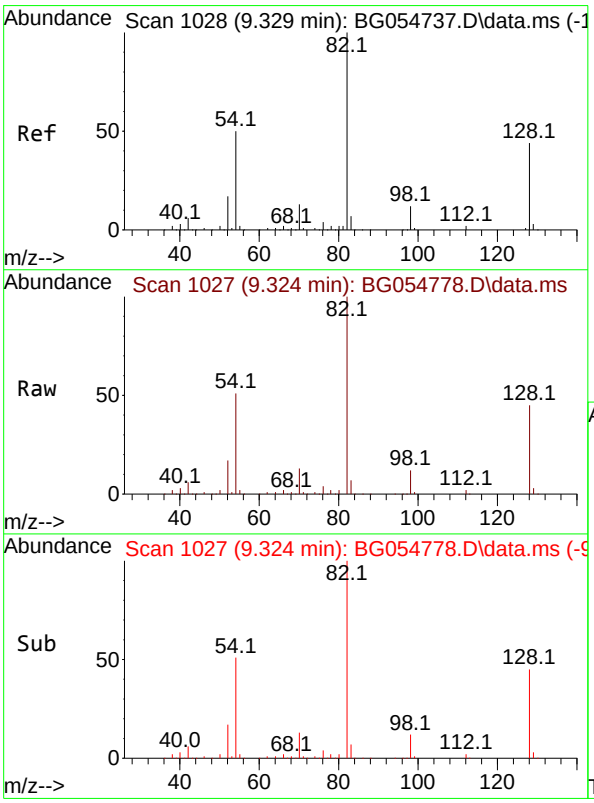

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.975 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054778.D
Acq: 29 Aug 2022 18:52

**Instrument :**
BNA_G
**ClientSampleId :**
MW-18R

Tgt Ion:136 Resp: 191538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 9.2 | 13.8 |
| 54 | 9.6 | 7.7 | 11.5 |
| 68 | 6.4 | 5.6 | 8.4 |

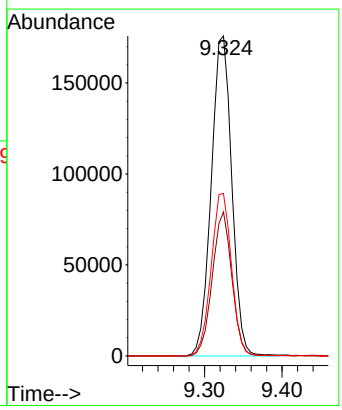


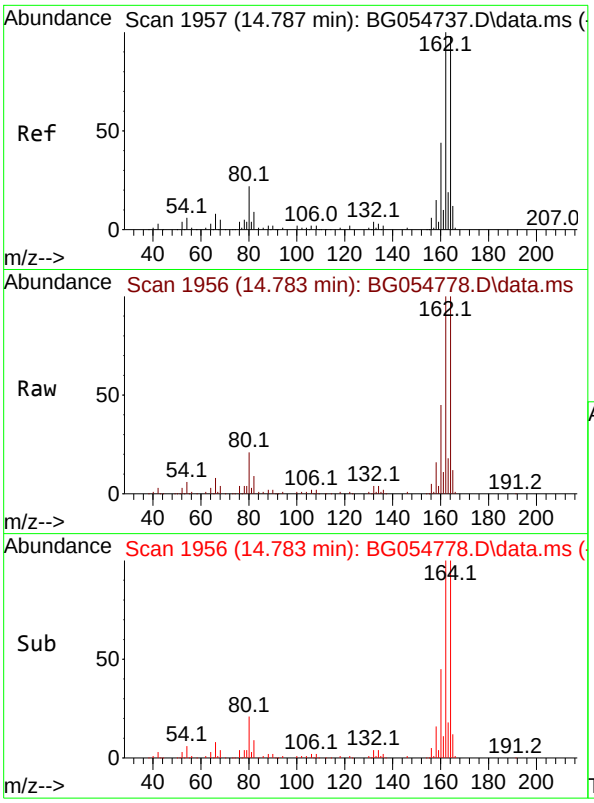




#23
Nitrobenzene-d5
Concen: 88.632 ng
RT: 9.324 min Scan# 1027
Delta R.T. -0.004 min
Lab File: BG054778.D
Acq: 29 Aug 2022 18:52

Tgt Ion: 82 Resp: 323381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.0 | 32.2 | 48.2 |
| 54 | 50.7 | 41.4 | 62.0 |



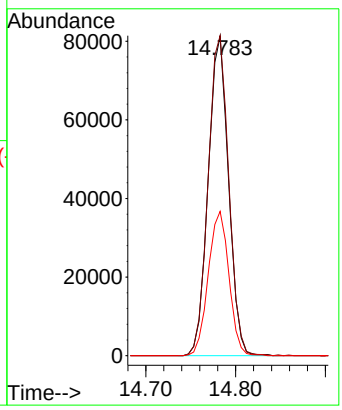


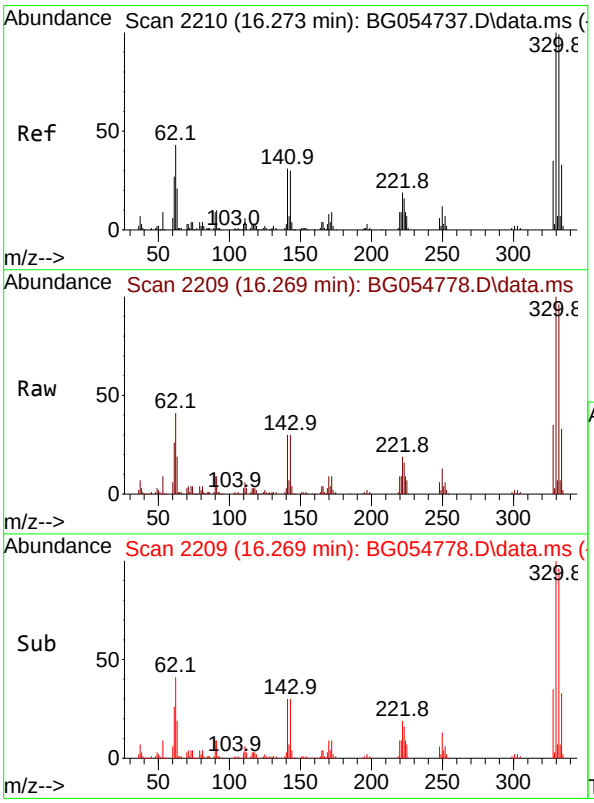

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.783 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG054778.D
Acq: 29 Aug 2022 18:52

**Instrument :**
BNA_G
**ClientSampleId :**
MW-18R

Tgt Ion:164 Resp: 127293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.2 | 83.0 | 124.4 |
| 160 | 45.2 | 38.0 | 57.0 |

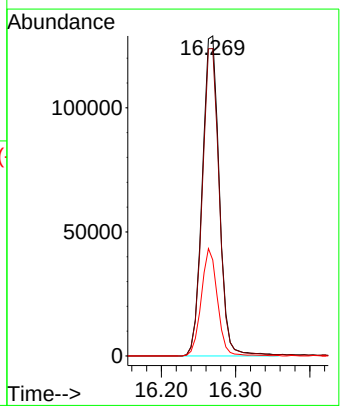


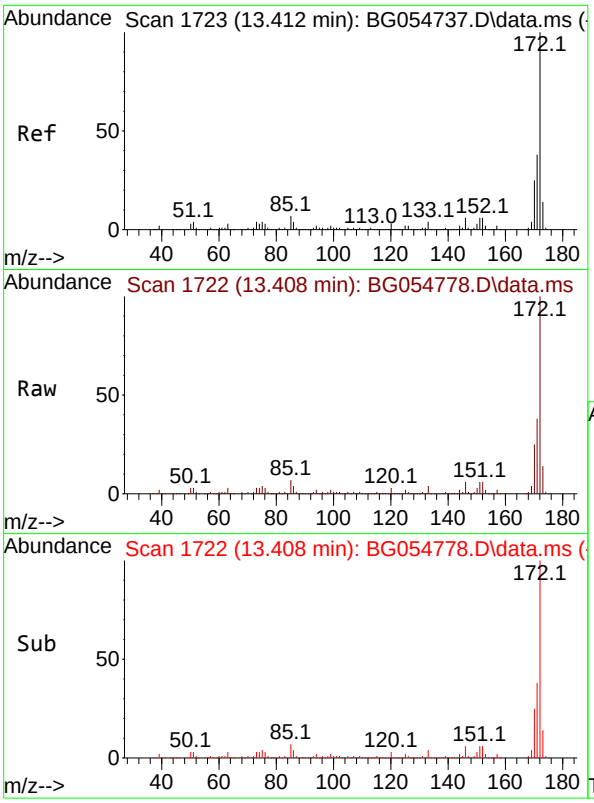




#42
2,4,6-Tribromophenol
Concen: 128.832 ng
RT: 16.269 min Scan# 2209
Delta R.T. -0.004 min
Lab File: BG054778.D
Acq: 29 Aug 2022 18:52

Tgt Ion:330 Resp: 204921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 79.8 | 119.6 |
| 141 | 32.0 | 26.8 | 40.2 |



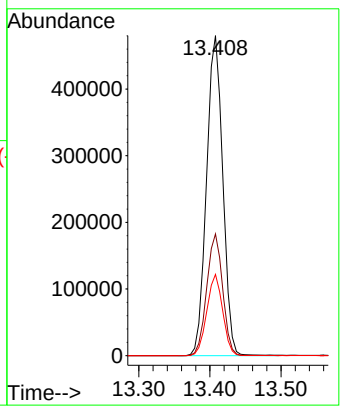


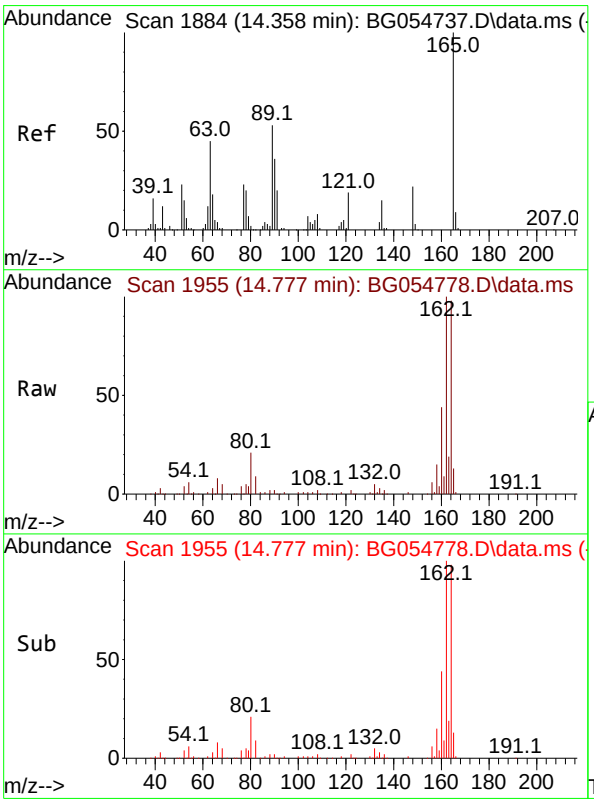

#45
2-Fluorobiphenyl
Concen: 90.117 ng
RT: 13.408 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG054778.D
Acq: 29 Aug 2022 18:52

**Instrument :**
BNA_G
**ClientSampleId :**
MW-18R

Tgt Ion:172 Resp: 763217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 38.0 | 31.2 | 46.8 |
| 170 | 25.4 | 20.6 | 30.8 |

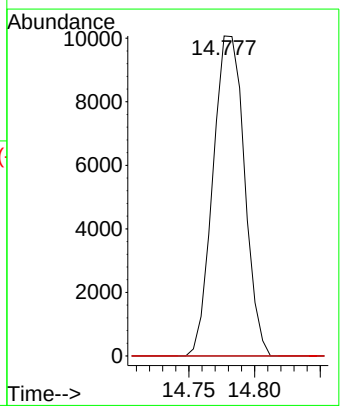


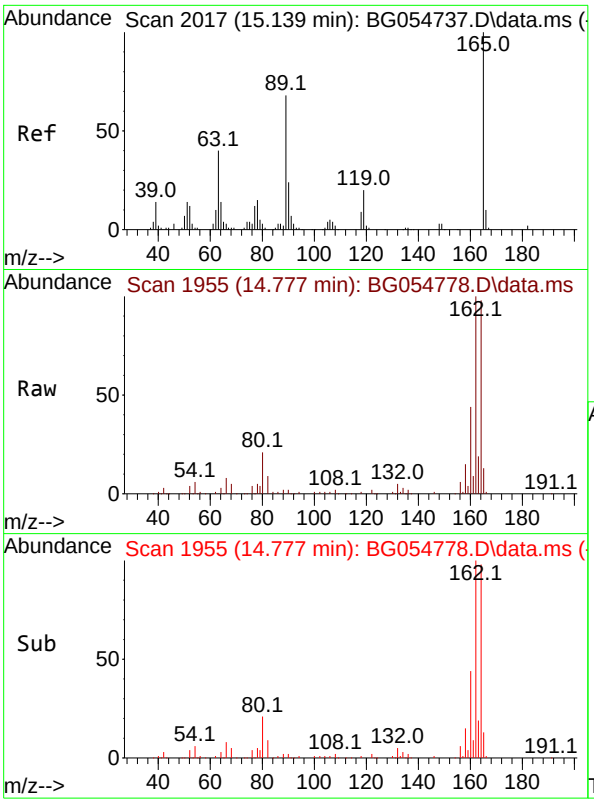




#51
2,6-Dinitrotoluene
Concen: 8.379 ng
RT: 14.777 min Scan# 1955
Delta R.T. 0.419 min
Lab File: BG054778.D
Acq: 29 Aug 2022 18:52

Tgt Ion:165 Resp: 16808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 46.0 | 69.0# |
| 89 | 0.0 | 50.3 | 75.5# |



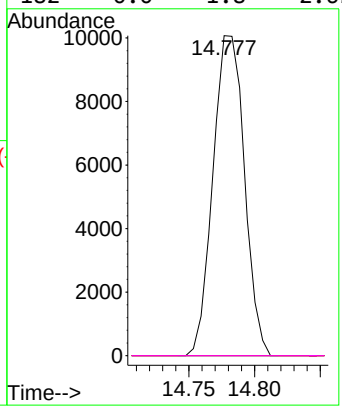


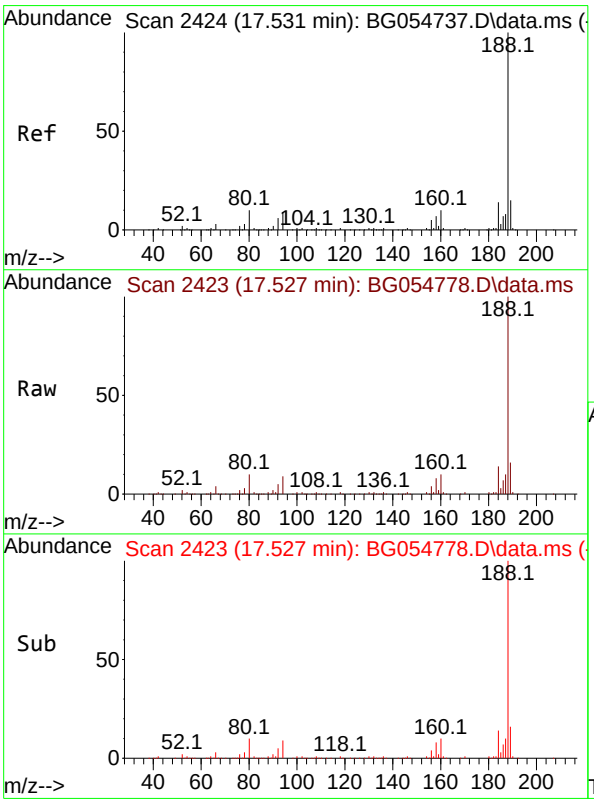

#57
2,4-Dinitrotoluene
Concen: 6.058 ng
RT: 14.777 min Scan# 1
Delta R.T. -0.363 min
Lab File: BG054778.D
Acq: 29 Aug 2022 18:52

**Instrument :**
BNA_G
**ClientSampleId :**
MW-18R

Tgt Ion:165 Resp: 16808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 36.8 | 55.2# |
| 89 | 0.0 | 64.3 | 96.5# |
| 182 | 0.0 | 1.8 | 2.6# |

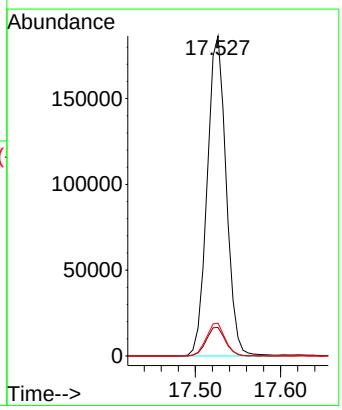


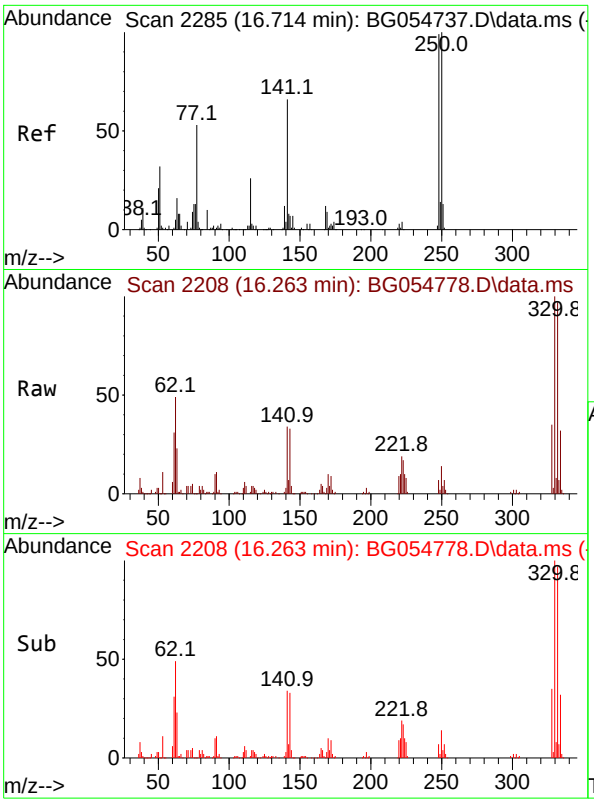




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.527 min Scan# 2423
Delta R.T. -0.004 min
Lab File: BG054778.D
Acq: 29 Aug 2022 18:52

Tgt Ion:188 Resp: 288420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.9 | 7.0 | 10.4 |
| 80 | 10.2 | 7.9 | 11.9 |



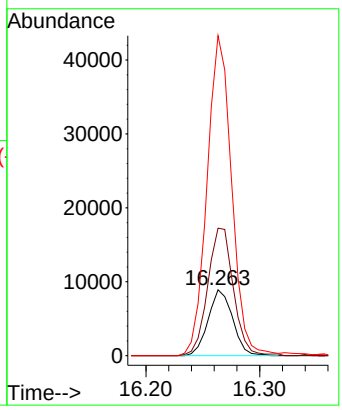


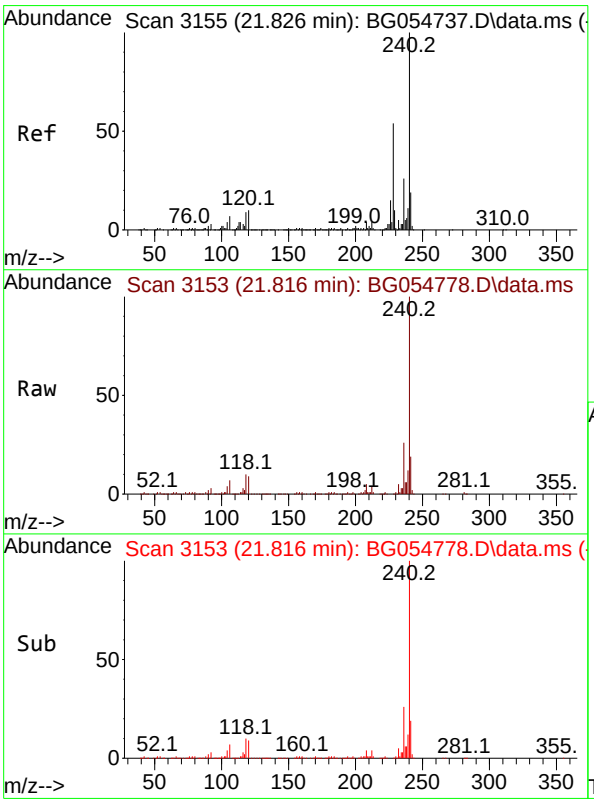

#67
4-Bromophenyl-phenylether
Concen: 4.214 ng
RT: 16.263 min Scan# 2
Delta R.T. -0.451 min
Lab File: BG054778.D
Acq: 29 Aug 2022 18:52

**Instrument :**
BNA_G
**ClientSampleId :**
MW-18R

Tgt Ion:248 Resp: 13343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 193.3 | 78.8 | 118.2# |
| 141 | 484.9 | 51.9 | 77.9# |

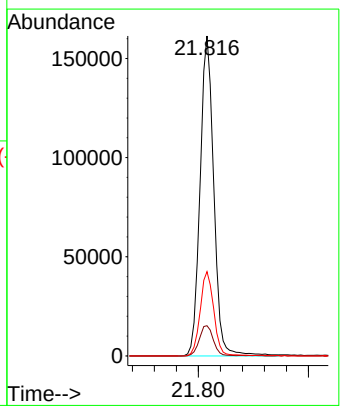


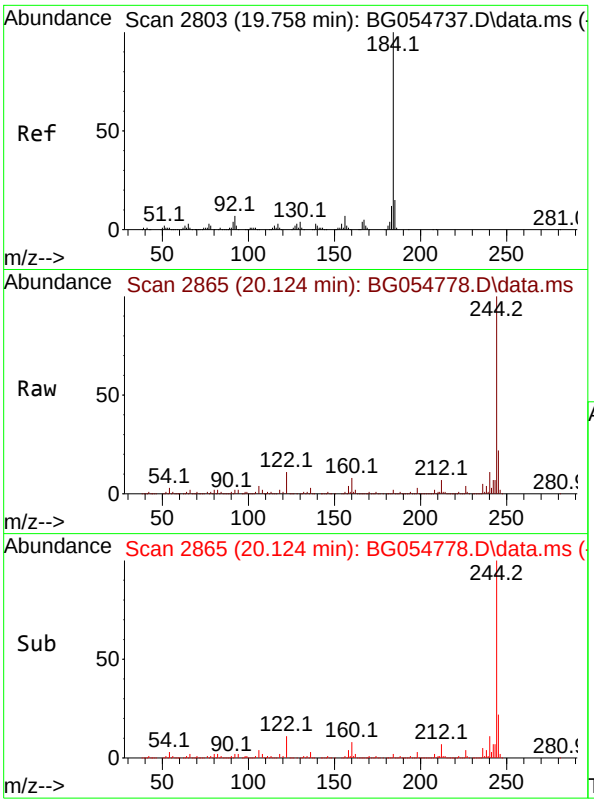




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.816 min Scan# 3153
Delta R.T. -0.010 min
Lab File: BG054778.D
Acq: 29 Aug 2022 18:52

Tgt Ion:240 Resp: 278850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.5 | 8.2 | 12.4 |
| 236 | 26.3 | 21.2 | 31.8 |



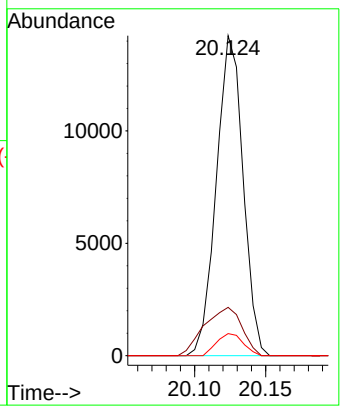


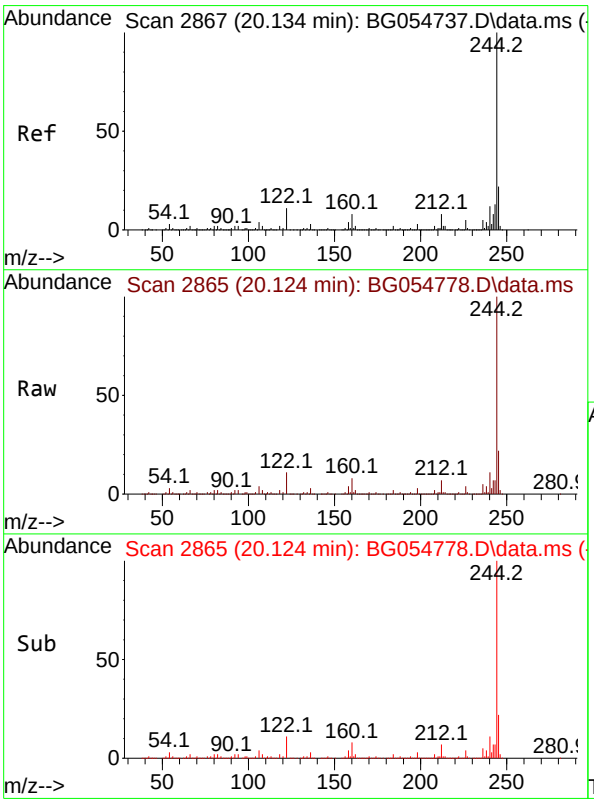

#77
Benzidine
Concen: 2.691 ng
RT: 20.124 min Scan# 2
Delta R.T. 0.366 min
Lab File: BG054778.D
Acq: 29 Aug 2022 18:52

**Instrument :**
BNA_G
**ClientSampleId :**
MW-18R

Tgt Ion:184 Resp: 18584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.1 | 11.4 | 17.0 |
| 183 | 6.9 | 9.8 | 14.8# |

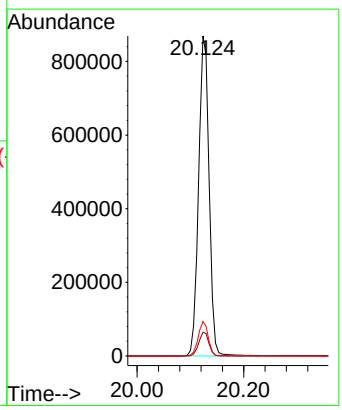


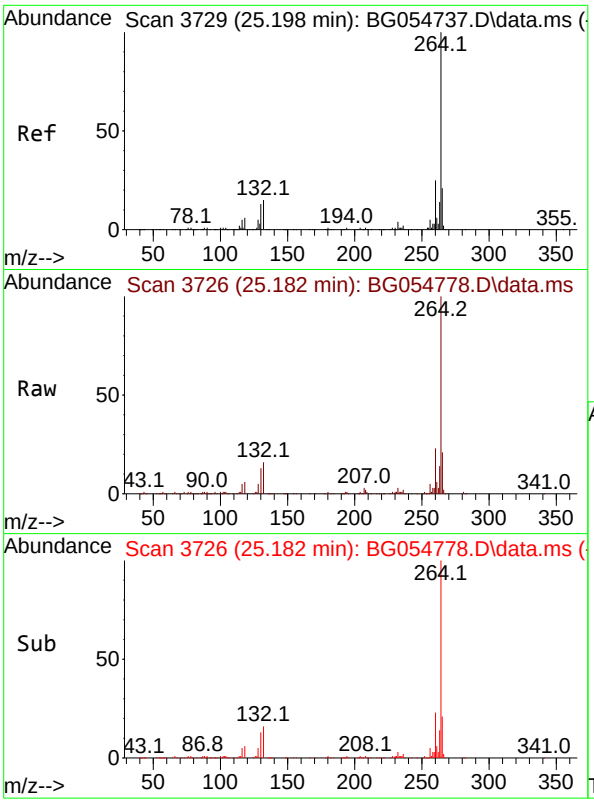




#79
Terphenyl-d14
Concen: 84.461 ng
RT: 20.124 min Scan# 2865
Delta R.T. -0.010 min
Lab File: BG054778.D
Acq: 29 Aug 2022 18:52

Tgt Ion:244 Resp: 1188655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.4 | 6.2 | 9.2 |
| 122 | 10.7 | 9.0 | 13.6 |






#86
Perylene-d12
Concen: 20.000 ng
RT: 25.182 min Scan# 3
Delta R.T. -0.016 min
Lab File: BG054778.D
Acq: 29 Aug 2022 18:52

**Instrument :**
BNA_G
**ClientSampleId :**
MW-18R

Tgt Ion:264 Resp: 288890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.8 | 19.9 | 29.9 |
| 265 | 20.7 | 16.9 | 25.3 |