Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
Data File : BG053664.D
Acq On : 23 May 2022 14:51
Operator : CG/JU
Sample : N2968-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
MW-45

Quant Time: May 24 05:09:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 05:05:32 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.058 | 152 | 31081 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.872 | 136 | 127722 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.685 | 164 | 95520 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.434 | 188 | 215847 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.711 | 240 | 206367 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 24.977 | 264 | 211290 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.626 | 112 | 102984 | 56.233 | ng | 0.00 |
| 7) Phenol-d6 | 7.230 | 99 | 89338 | 32.143 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.222 | 82 | 276685 | 92.216 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.177 | 330 | 195159 | 138.528 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.310 | 172 | 646285 | 98.870 | ng | 0.00 |
| 79) Terphenyl-d14 | 20.042 | 244 | 993188 | 89.636 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propyla... | 9.222 | 70 | 38770 | 19.441 | ng | # 75 |
| 41) Hexachlorocyclopentadiene | 12.870 | 237 | 55 | 8.876 | ng | # 26 |
| 51) 2,6-Dinitrotoluene | 14.685 | 165 | 12659 | 8.560 | ng | # 17 |
| 57) 2,4-Dinitrotoluene | 14.685 | 165 | 12659 | 5.906 | ng | # 23 |
| 67) 4-Bromophenyl-phenylether | 16.183 | 248 | 12960 | 5.141 | ng | # 1 |
| 77) Benzidine | 20.042 | 184 | 17569 | 3.950 | ng | # 92 |

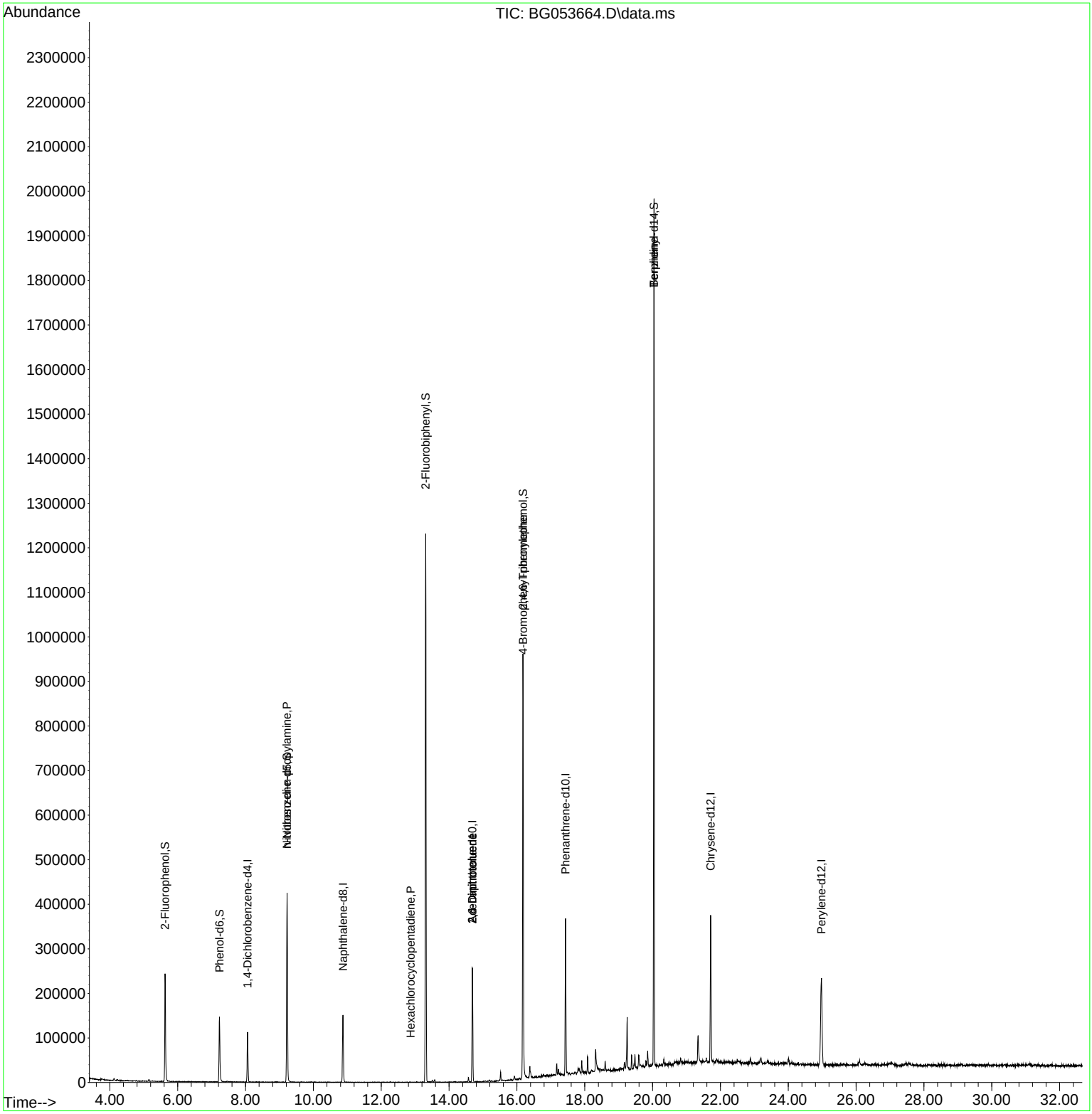
(#) = qualifier out of range (m) = manual integration (+) = signals summed

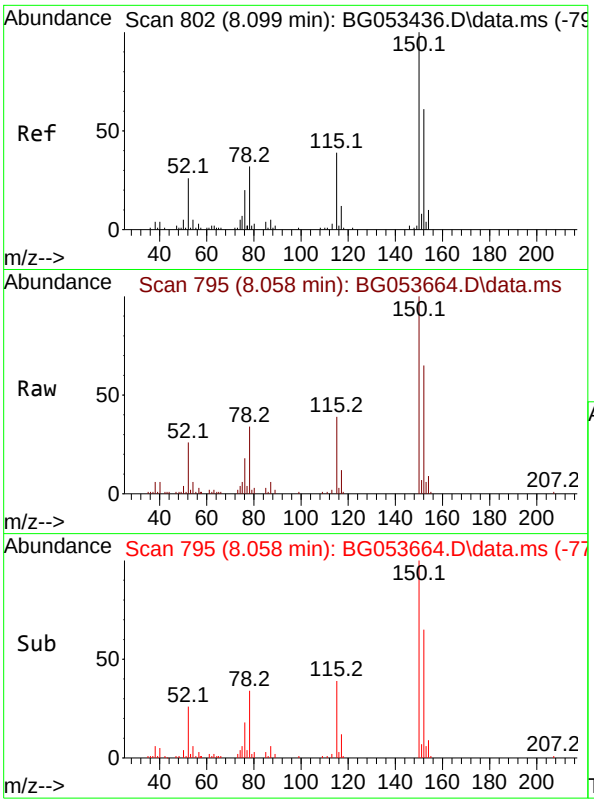
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
Data File : BG053664.D
Acq On : 23 May 2022 14:51
Operator : CG/JU
Sample : N2968-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
MW-45

Quant Time: May 24 05:09:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 05:05:32 2022
Response via : Initial Calibration



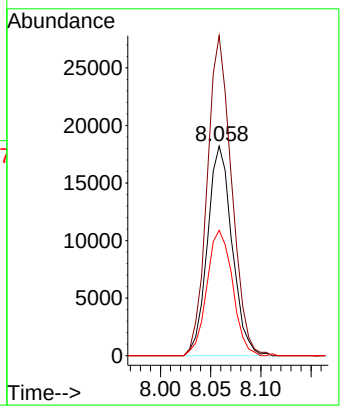


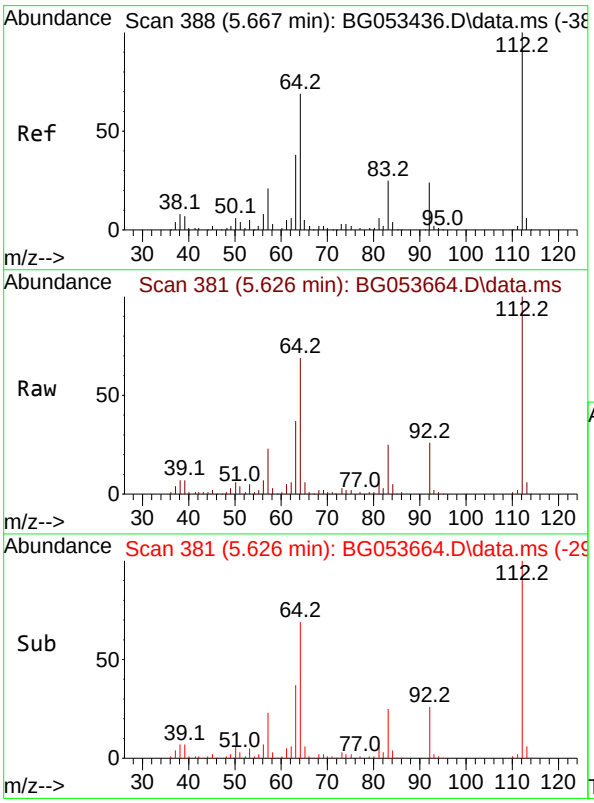

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.058 min Scan# 7
Delta R.T. 0.000 min
Lab File: BG053664.D
Acq: 23 May 2022 14:51

**Instrument :**
BNA_G
**ClientSampleId :**
MW-45

Tgt Ion:152 Resp: 31081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.7 | 131.6 | 197.4 |
| 115 | 59.8 | 50.9 | 76.3 |

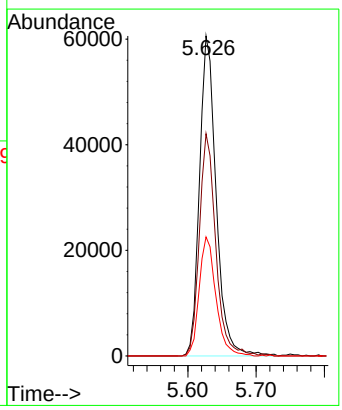


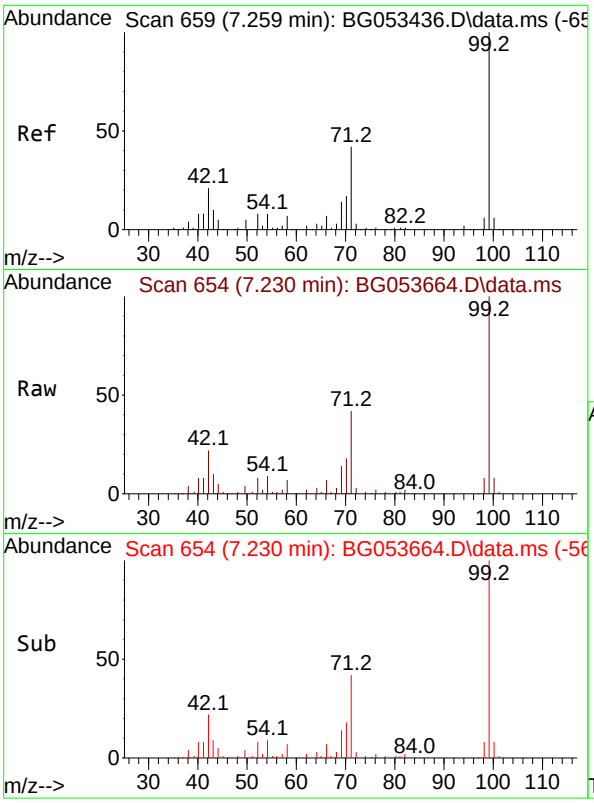




#5
2-Fluorophenol
Concen: 56.233 ng
RT: 5.626 min Scan# 381
Delta R.T. 0.001 min
Lab File: BG053664.D
Acq: 23 May 2022 14:51

Tgt Ion:112 Resp: 102984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 69.5 | 55.1 | 82.7 |
| 63 | 37.2 | 30.4 | 45.6 |



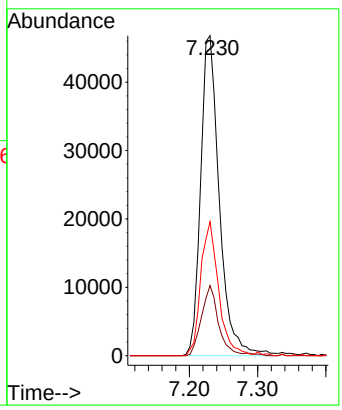


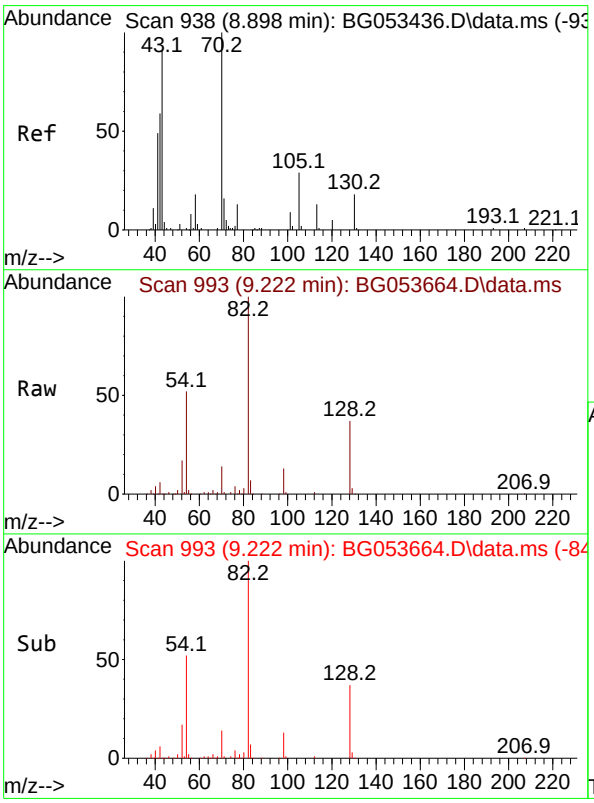

#7
Phenol-d6
Concen: 32.143 ng
RT: 7.230 min Scan# 6
Delta R.T. 0.001 min
Lab File: BG053664.D
Acq: 23 May 2022 14:51

**Instrument :**
BNA_G
**ClientSampleId :**
MW-45

Tgt Ion: 99 Resp: 89338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.9 | 17.0 | 25.6 |
| 71 | 41.8 | 33.8 | 50.8 |

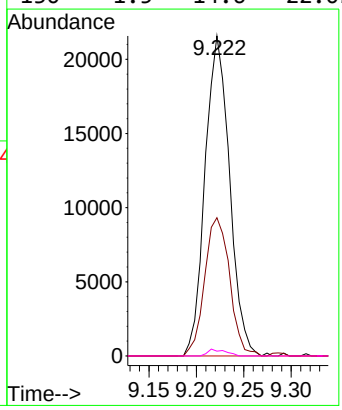


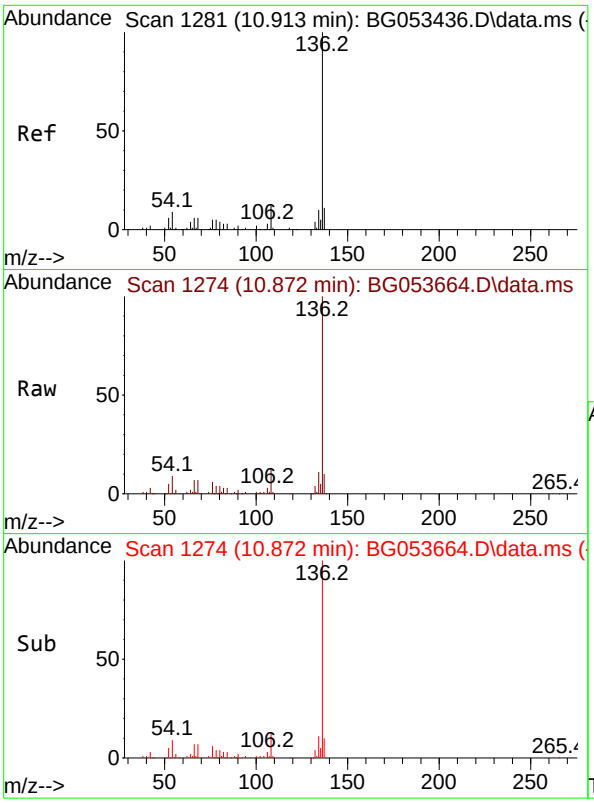




#19
n-Nitroso-di-n-propylamine
Concen: 19.441 ng
RT: 9.222 min Scan# 993
Delta R.T. 0.359 min
Lab File: BG053664.D
Acq: 23 May 2022 14:51

Tgt Ion: 70 Resp: 38770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 43.2 | 47.3 | 70.9# |
| 101 | 0.0 | 7.0 | 10.4# |
| 130 | 1.5 | 14.6 | 22.0# |



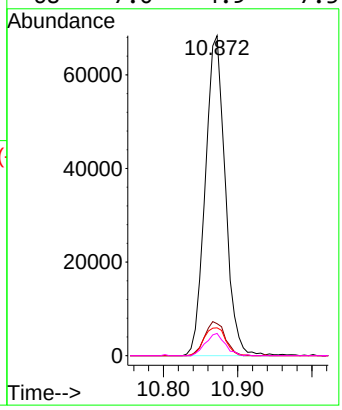


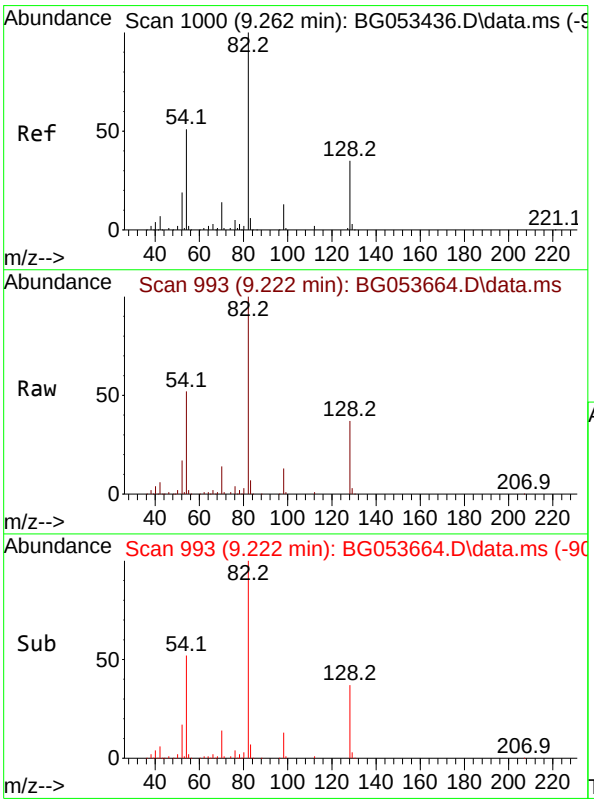

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.872 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG053664.D
Acq: 23 May 2022 14:51

**Instrument :**
BNA_G
**ClientSampleId :**
MW-45

Tgt Ion:136 Resp: 127722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.0 | 8.5 | 12.7 |
| 54 | 8.7 | 7.4 | 11.2 |
| 68 | 7.0 | 4.9 | 7.3 |

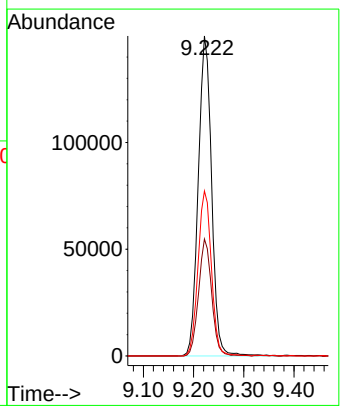


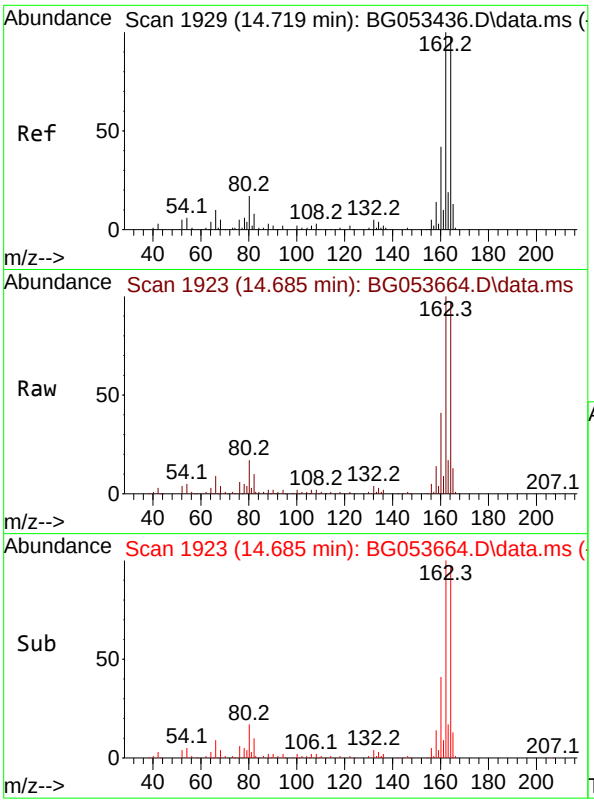




#23
Nitrobenzene-d5
Concen: 92.216 ng
RT: 9.222 min Scan# 993
Delta R.T. -0.005 min
Lab File: BG053664.D
Acq: 23 May 2022 14:51

Tgt Ion: 82 Resp: 276685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 36.5 | 27.9 | 41.9 |
| 54 | 51.6 | 41.2 | 61.8 |



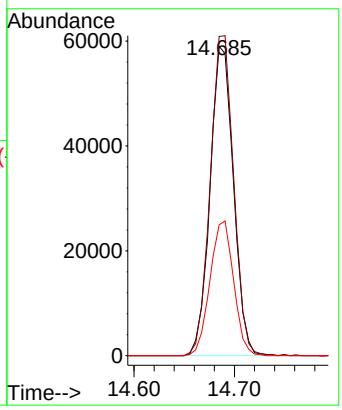


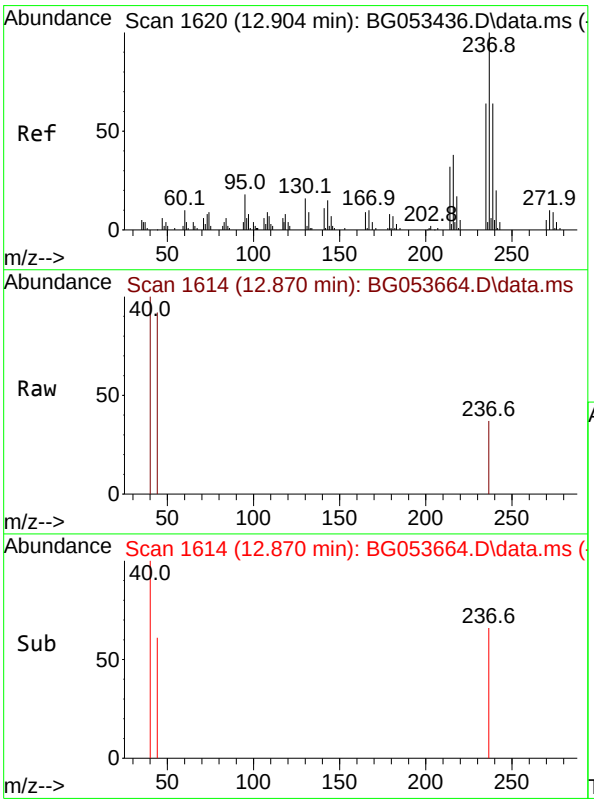

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.685 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053664.D
Acq: 23 May 2022 14:51

**Instrument :**
BNA_G
**ClientSampleId :**
MW-45

Tgt Ion:164 Resp: 95520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.1 | 82.3 | 123.5 |
| 160 | 42.3 | 34.2 | 51.2 |

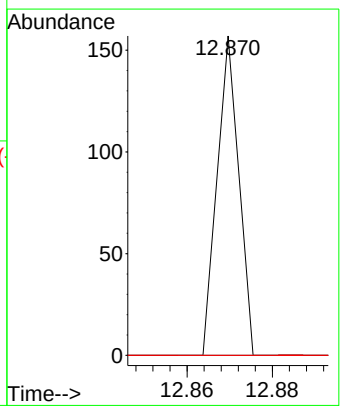


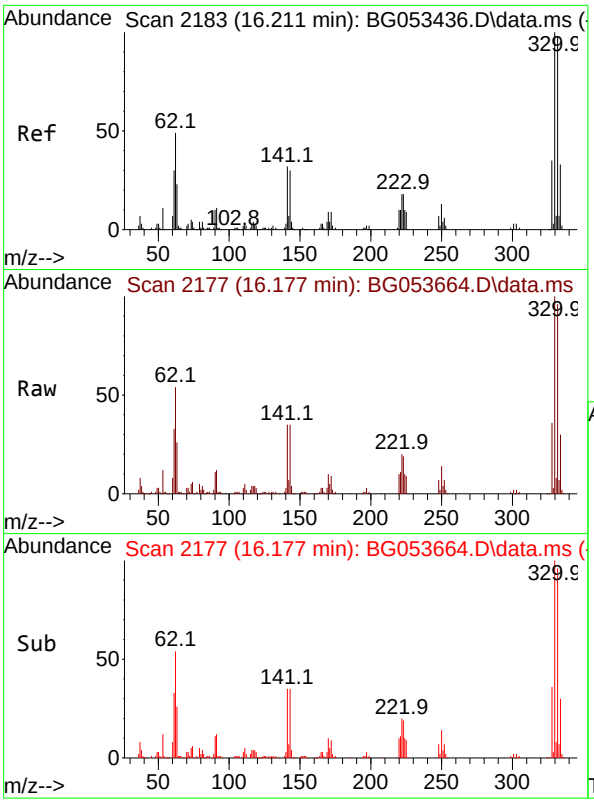




#41
Hexachlorocyclopentadiene
Concen: 8.876 ng
RT: 12.870 min Scan# 1614
Delta R.T. 0.001 min
Lab File: BG053664.D
Acq: 23 May 2022 14:51

Tgt Ion:237 Resp: 55

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 0.0 | 43.5 | 83.5# |
| 272 | 0.0 | 0.0 | 30.1 |



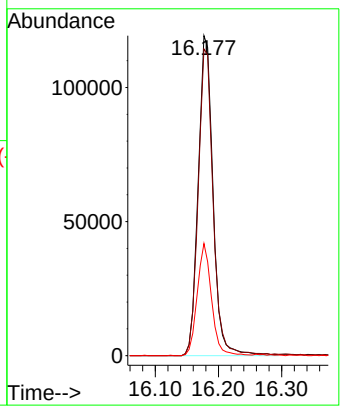


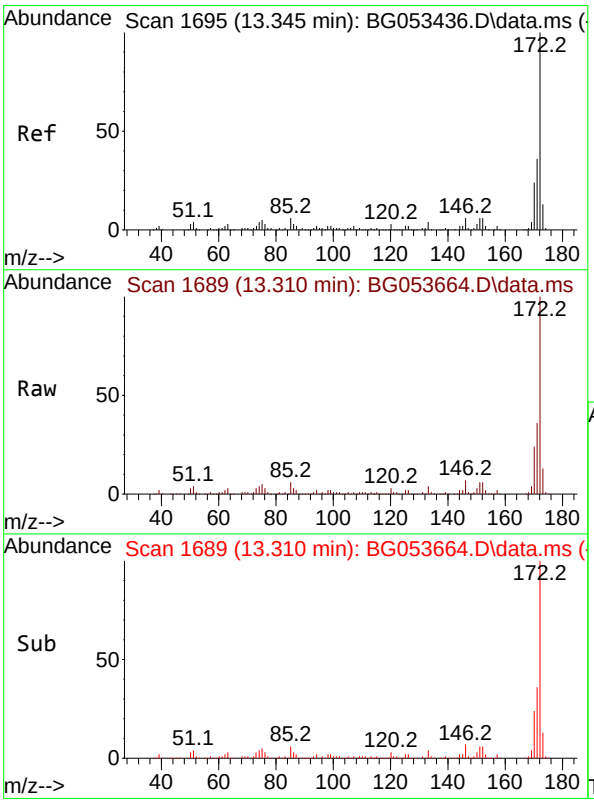

#42
2,4,6-Tribromophenol
Concen: 138.528 ng
RT: 16.177 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG053664.D
Acq: 23 May 2022 14:51

**Instrument :**
BNA_G
**ClientSampleId :**
MW-45

Tgt Ion:330 Resp: 195159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.9 | 76.0 | 114.0 |
| 141 | 33.7 | 27.1 | 40.7 |

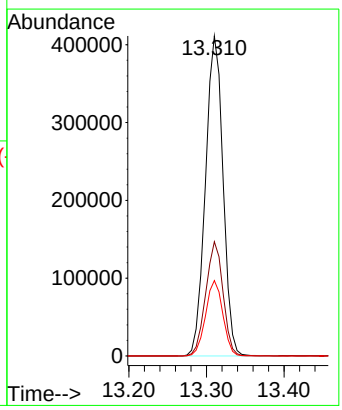


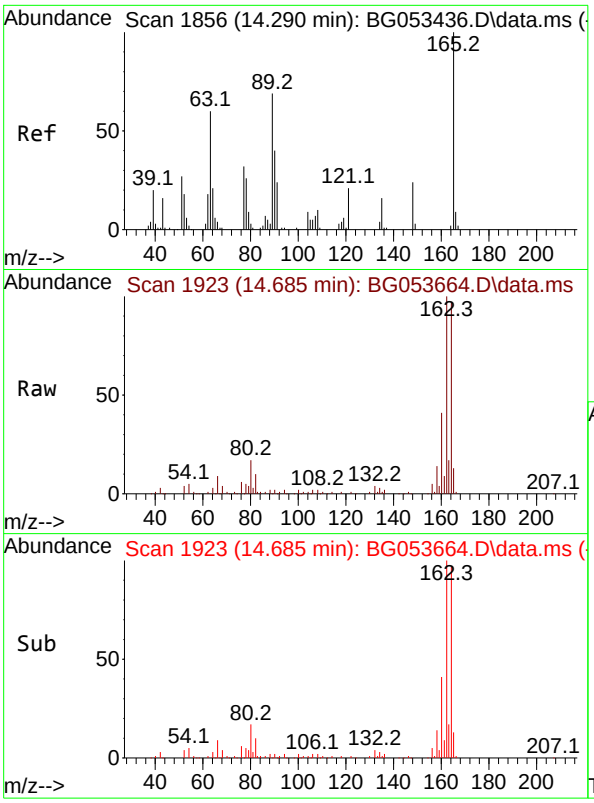




#45
2-Fluorobiphenyl
Concen: 98.870 ng
RT: 13.310 min Scan# 1689
Delta R.T. -0.005 min
Lab File: BG053664.D
Acq: 23 May 2022 14:51

Tgt Ion:172 Resp: 646285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.7 | 28.5 | 42.7 |
| 170 | 23.5 | 18.9 | 28.3 |



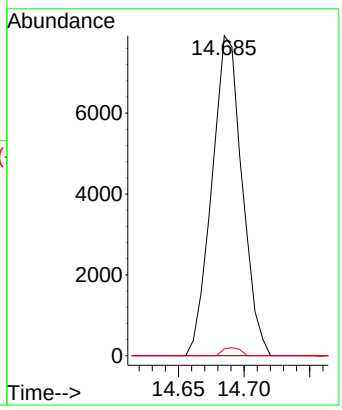


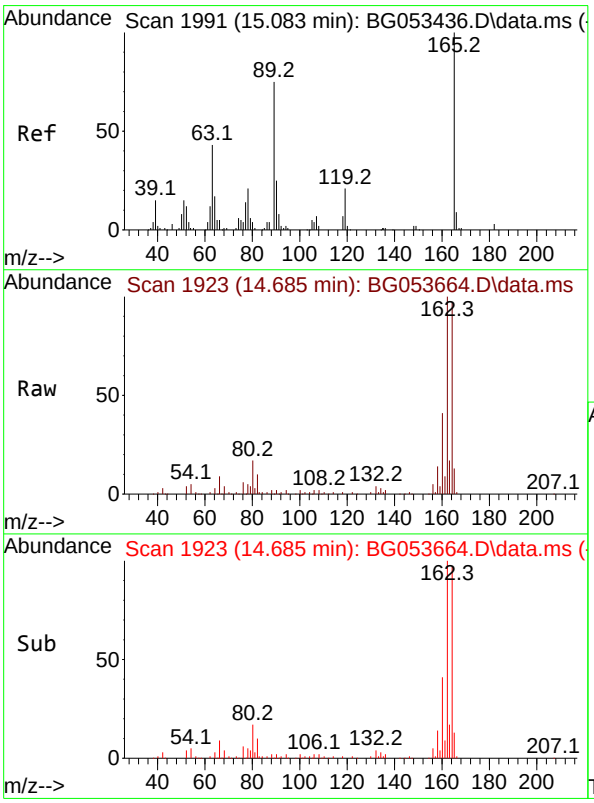

#51
2,6-Dinitrotoluene
Concen: 8.560 ng
RT: 14.685 min Scan# 1
Delta R.T. 0.424 min
Lab File: BG053664.D
Acq: 23 May 2022 14:51

**Instrument :**
BNA_G
**ClientSampleId :**
MW-45

Tgt Ion:165 Resp: 12659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 54.1 | 81.1# |
| 89 | 2.1 | 54.8 | 82.2# |

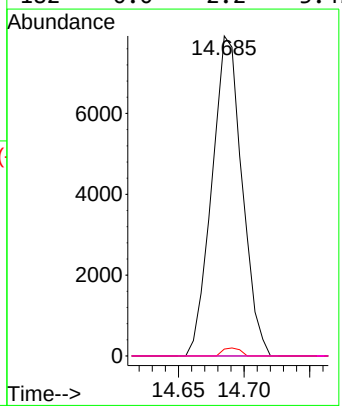


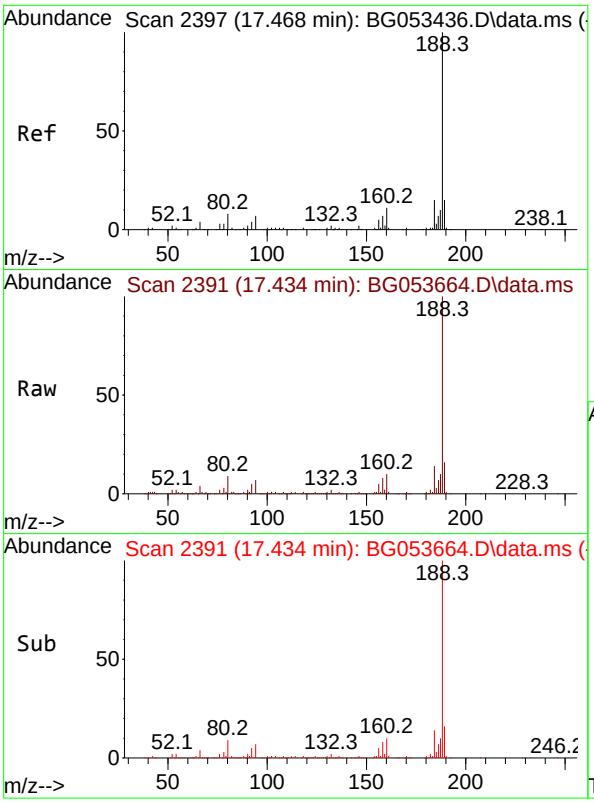




#57
2,4-Dinitrotoluene
Concen: 5.906 ng
RT: 14.685 min Scan# 1923
Delta R.T. -0.369 min
Lab File: BG053664.D
Acq: 23 May 2022 14:51

Tgt Ion:165 Resp: 12659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 34.6 | 52.0# |
| 89 | 2.1 | 60.3 | 90.5# |
| 182 | 0.0 | 2.2 | 3.4# |



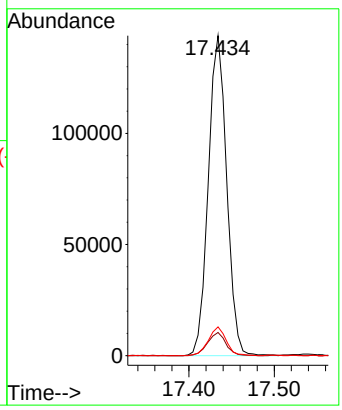


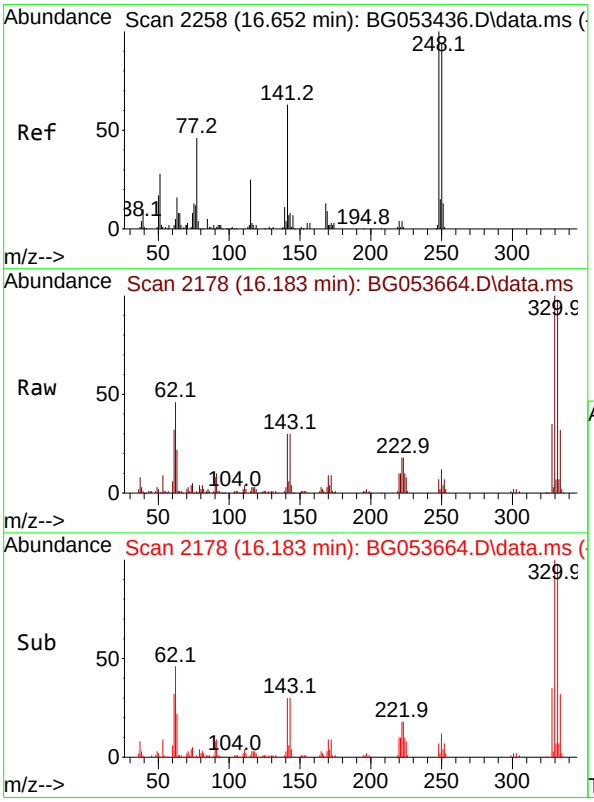

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.434 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG053664.D
Acq: 23 May 2022 14:51

**Instrument :**
BNA_G
**ClientSampleId :**
MW-45

Tgt Ion:188 Resp: 215847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.2 | 5.4 | 8.0 |
| 80 | 9.0 | 6.8 | 10.2 |

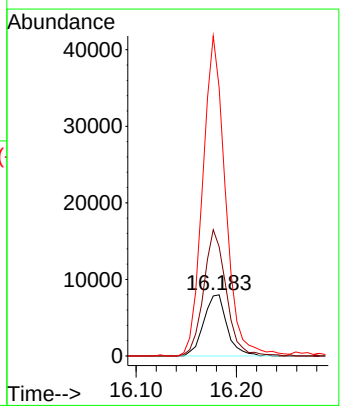


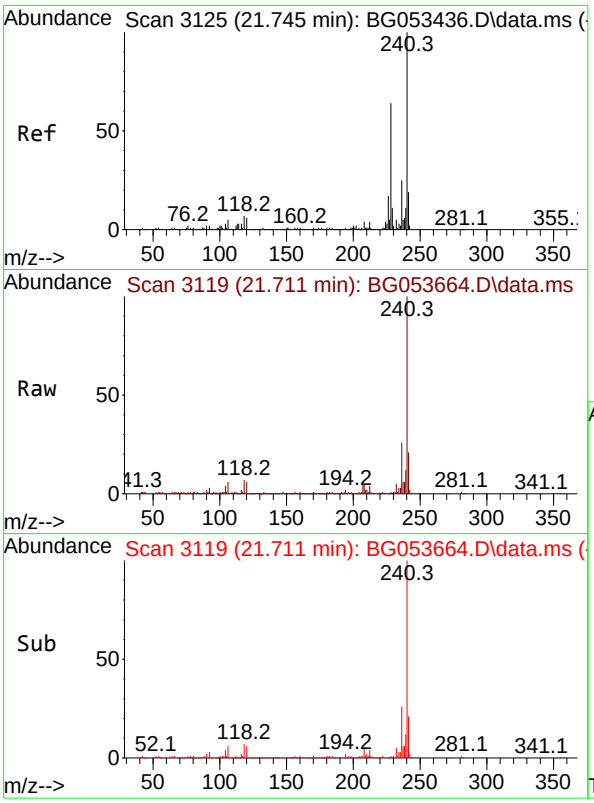




#67
4-Bromophenyl-phenylether
Concen: 5.141 ng
RT: 16.183 min Scan# 2178
Delta R.T. -0.434 min
Lab File: BG053664.D
Acq: 23 May 2022 14:51

Tgt Ion:248 Resp: 12960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 178.6 | 75.2 | 112.8# |
| 141 | 438.8 | 50.0 | 75.0# |



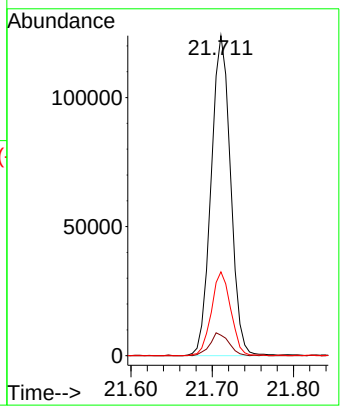


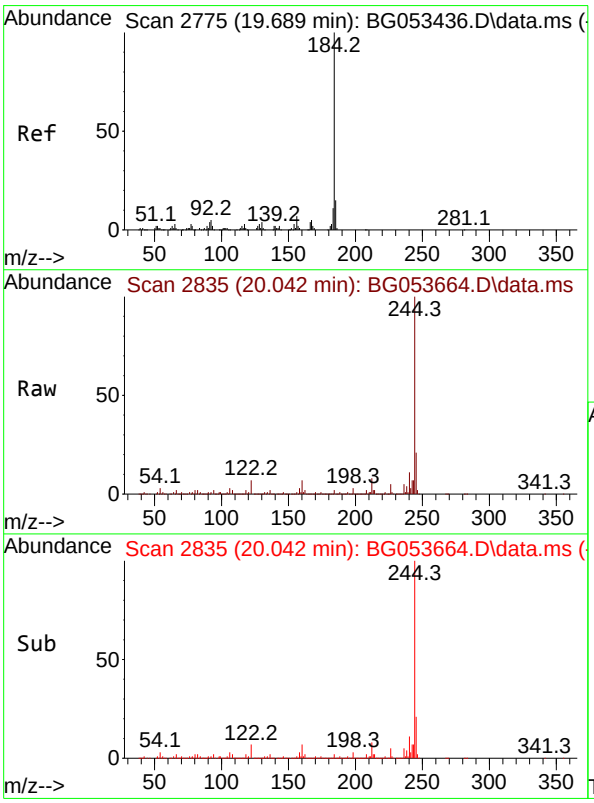

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.711 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG053664.D
Acq: 23 May 2022 14:51

**Instrument :**
BNA_G
**ClientSampleId :**
MW-45

Tgt Ion:240 Resp: 206367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.4 | 4.6 | 7.0 |
| 236 | 26.2 | 20.2 | 30.4 |

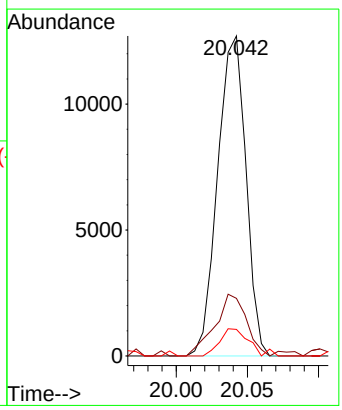


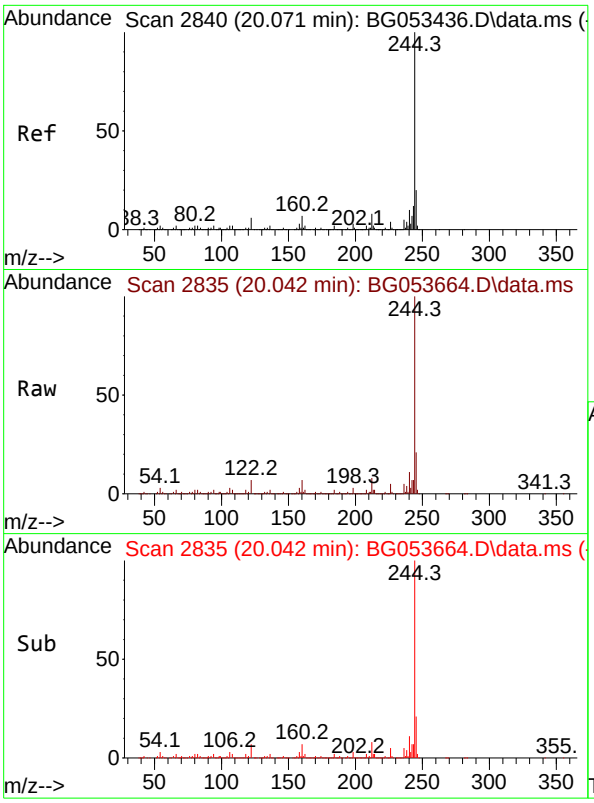




#77
Benzidine
Concen: 3.950 ng
RT: 20.042 min Scan# 2835
Delta R.T. 0.383 min
Lab File: BG053664.D
Acq: 23 May 2022 14:51

Tgt Ion:184 Resp: 17569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 18.0 | 11.8 | 17.6# |
| 183 | 8.3 | 8.9 | 13.3# |



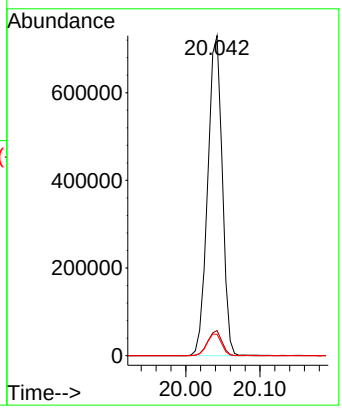


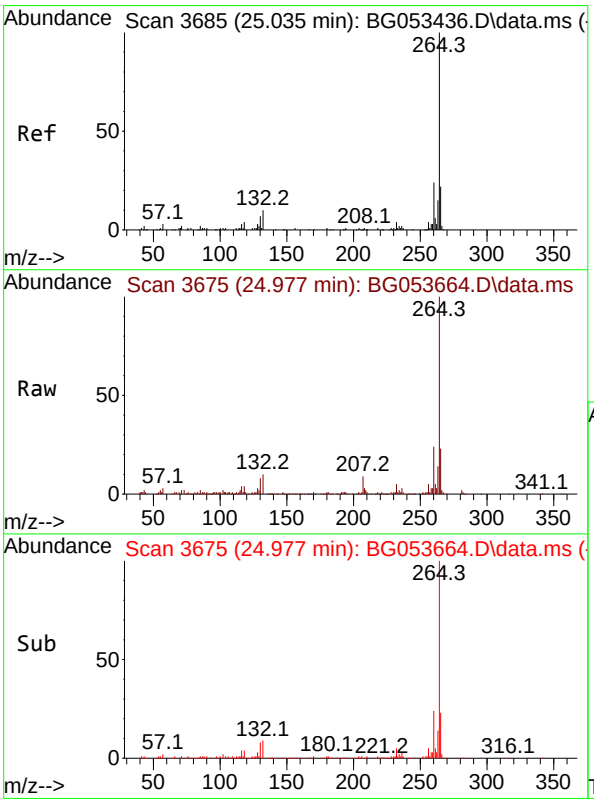

#79
Terphenyl-d14
Concen: 89.636 ng
RT: 20.042 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG053664.D
Acq: 23 May 2022 14:51

**Instrument :**
BNA_G
**ClientSampleId :**
MW-45

Tgt Ion:244 Resp: 993188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.9 | 6.5 | 9.7 |
| 122 | 6.7 | 5.0 | 7.4 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.977 min Scan# 3675
Delta R.T. -0.005 min
Lab File: BG053664.D
Acq: 23 May 2022 14:51

Tgt Ion:264 Resp: 211290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.2 | 19.0 | 28.6 |
| 265 | 23.0 | 17.4 | 26.2 |