Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
Data File : BG056180.D
Acq On : 30 Dec 2022 21:21
Operator : CG/JU
Sample : N6241-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SU-2-122922

Quant Time: Dec 31 00:21:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 05:20:14 2022
Response via : Initial Calibration

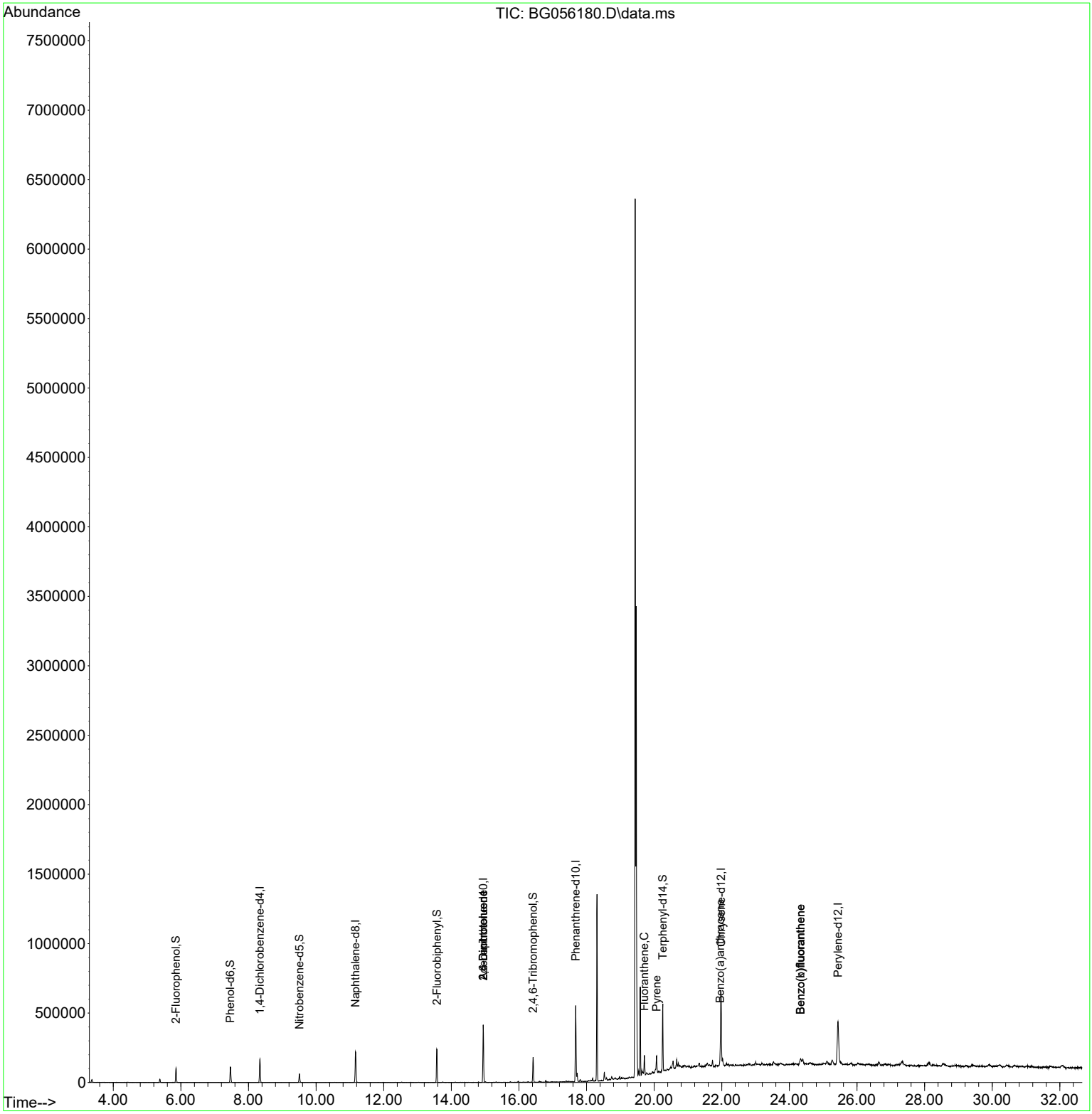
| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.340 | 152 | 56396 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.167 | 136 | 208507 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.944 | 164 | 158469 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.682 | 188 | 396358 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.977 | 240 | 367214 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 25.438 | 264 | 394369 | 20.000 | ng | | 0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.855 | 112 | 60910 | 19.284 | ng | | 0.00 |
| 7) Phenol-d6 | 7.465 | 99 | 88280 | 18.200 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.510 | 82 | 45652 | 11.199 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.419 | 330 | 37059 | 18.465 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.575 | 172 | 145109 | 12.645 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.256 | 244 | 262116 | 12.784 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 51) 2,6-Dinitrotoluene | 14.944 | 165 | 20879 | 7.660 | ng | # | 33 |
| 57) 2,4-Dinitrotoluene | 14.944 | 165 | 20879 | 5.477 | ng | # | 29 |
| 75) Fluoranthene | 19.709 | 202 | 97340 | 3.633 | ng | | 99 |
| 78) Pyrene | 20.074 | 202 | 89486 | 3.457 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.954 | 228 | 51611 | 2.001 | ng | | 96 |
| 88) Benzo(b)fluoranthene | 24.333 | 252 | 69508 | 2.774 | ng | # | 95 |
| 89) Benzo(k)fluoranthene | 24.333 | 252 | 69508 | 2.786 | ng | | 95 |

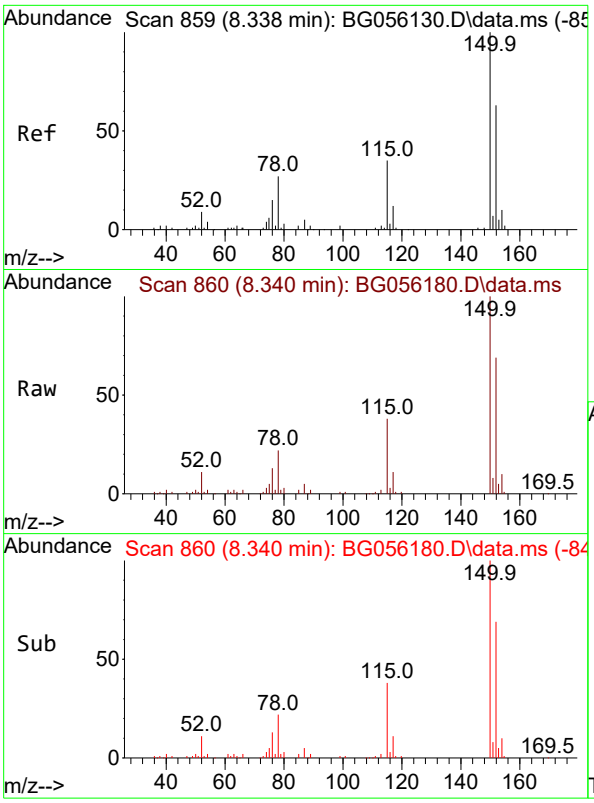
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
Data File : BG056180.D
Acq On : 30 Dec 2022 21:21
Operator : CG/JU
Sample : N6241-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SU-2-122922

Quant Time: Dec 31 00:21:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 05:20:14 2022
Response via : Initial Calibration



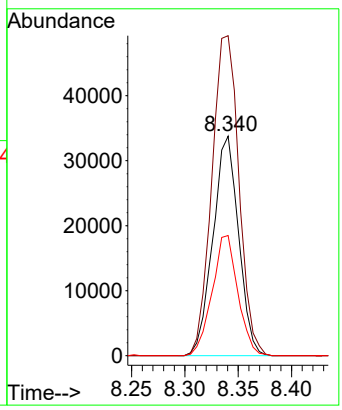


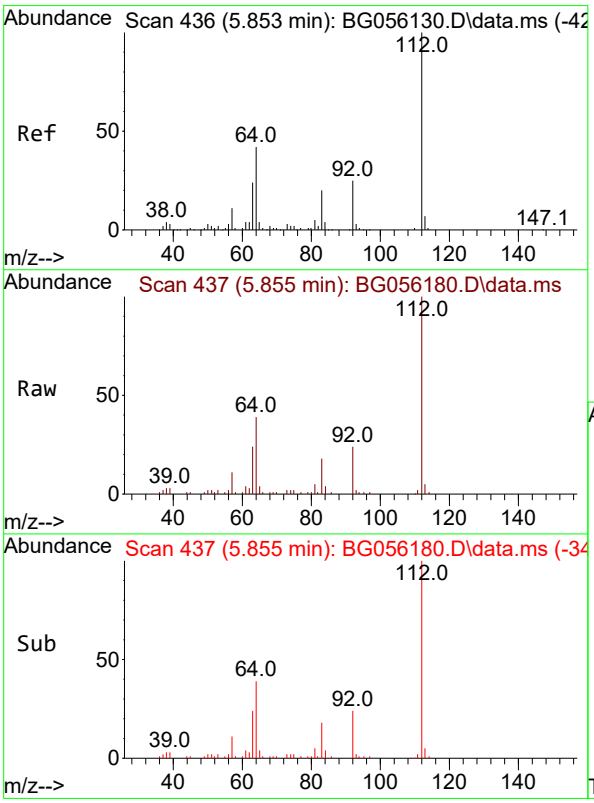

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.340 min Scan# 8
Delta R.T. 0.002 min
Lab File: BG056180.D
Acq: 30 Dec 2022 21:21

**Instrument :**
BNA_G
**ClientSampleId :**
SU-2-122922

Tgt Ion:152 Resp: 56396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 145.8 | 127.9 | 191.9 |
| 115 | 54.8 | 44.2 | 66.2 |

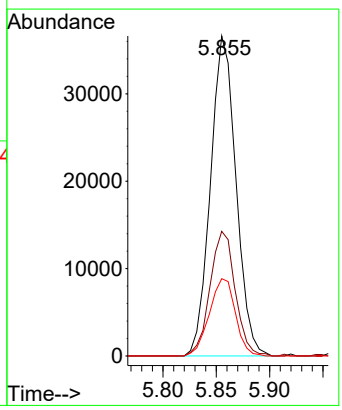


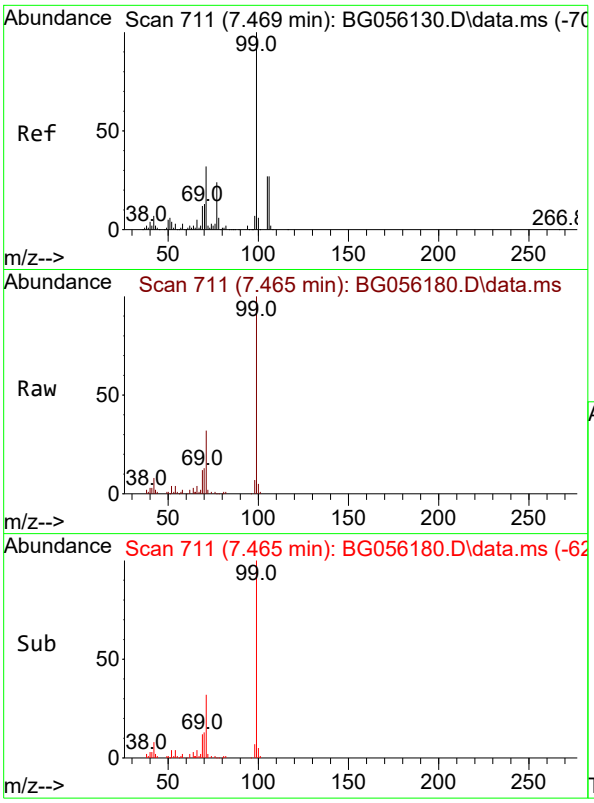




#5
2-Fluorophenol
Concen: 19.284 ng
RT: 5.855 min Scan# 437
Delta R.T. 0.002 min
Lab File: BG056180.D
Acq: 30 Dec 2022 21:21

Tgt Ion:112 Resp: 60910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 39.0 | 33.3 | 49.9 |
| 63 | 24.2 | 19.0 | 28.4 |



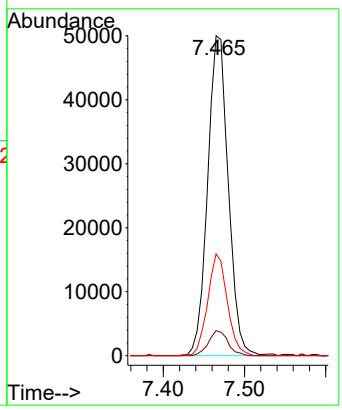


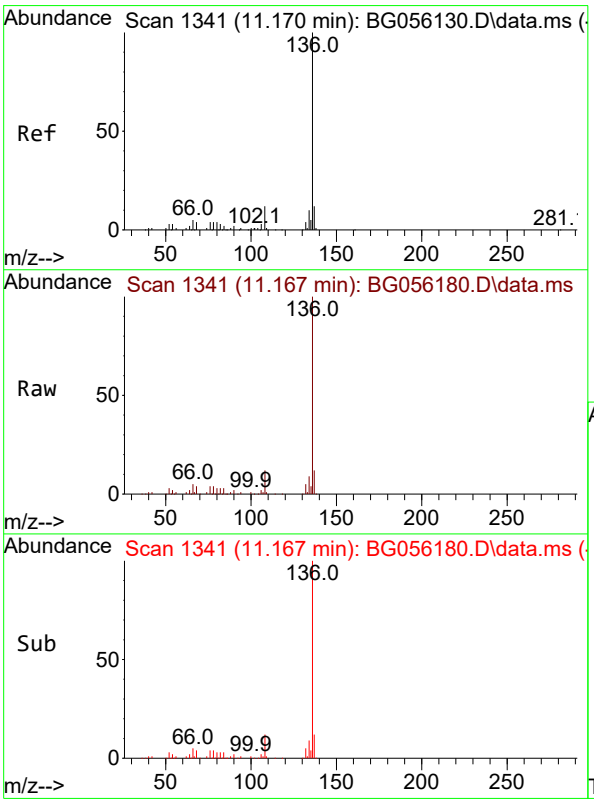

#7
Phenol-d6
Concen: 18.200 ng
RT: 7.465 min Scan# 7
Delta R.T. -0.004 min
Lab File: BG056180.D
Acq: 30 Dec 2022 21:21

**Instrument :**
BNA_G
**ClientSampleId :**
SU-2-122922

Tgt Ion: 99 Resp: 88280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 7.8 | 5.9 | 8.9 |
| 71 | 31.8 | 25.4 | 38.2 |

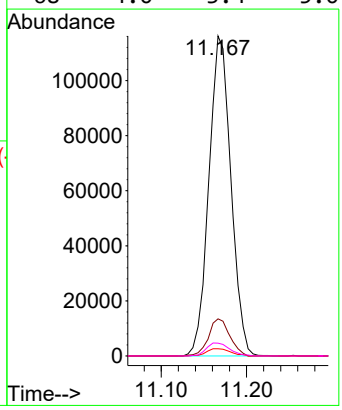


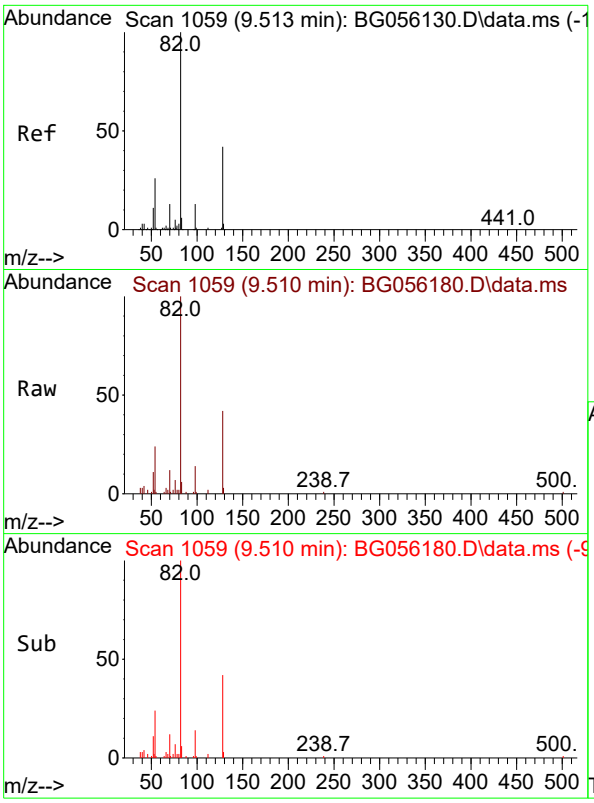




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 1341
Delta R.T. -0.004 min
Lab File: BG056180.D
Acq: 30 Dec 2022 21:21

Tgt Ion:136 Resp: 208507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.6 | 9.4 | 14.0 |
| 54 | 2.3 | 2.2 | 3.2 |
| 68 | 4.0 | 3.4 | 5.0 |



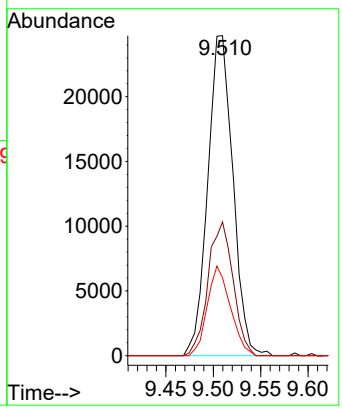


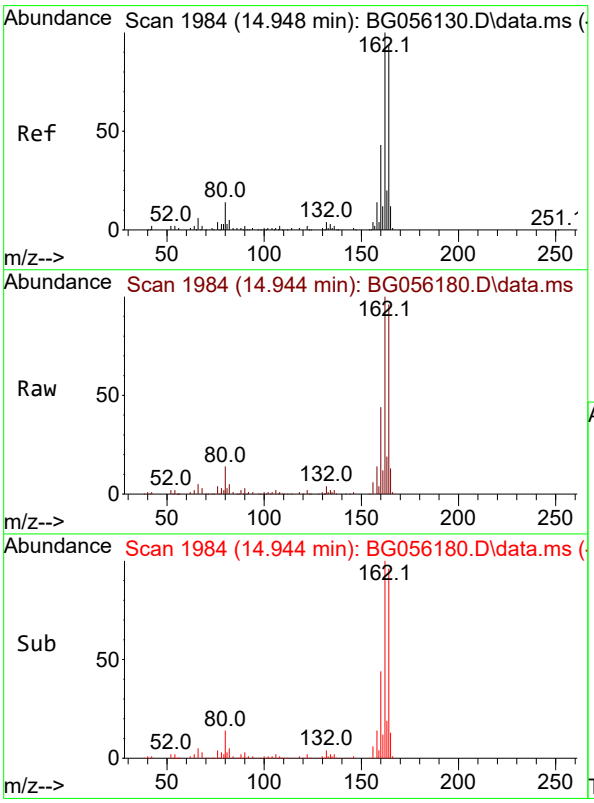

#23
Nitrobenzene-d5
Concen: 11.199 ng
RT: 9.510 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG056180.D
Acq: 30 Dec 2022 21:21

**Instrument :**
BNA_G
**ClientSampleId :**
SU-2-122922

Tgt Ion: 82 Resp: 45652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.8 | 33.4 | 50.2 |
| 54 | 24.3 | 20.3 | 30.5 |

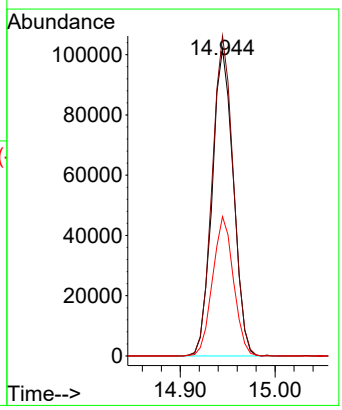


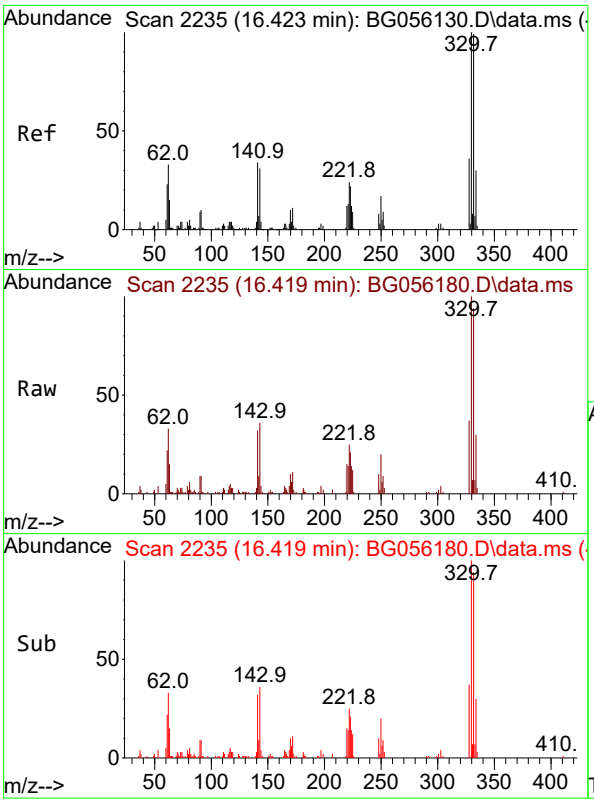




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.944 min Scan# 1984
Delta R.T. -0.004 min
Lab File: BG056180.D
Acq: 30 Dec 2022 21:21

Tgt Ion:164 Resp: 158469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.3 | 84.7 | 127.1 |
| 160 | 45.4 | 36.3 | 54.5 |



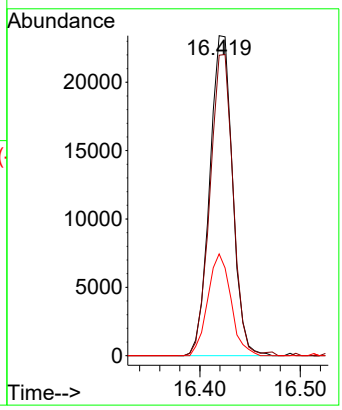


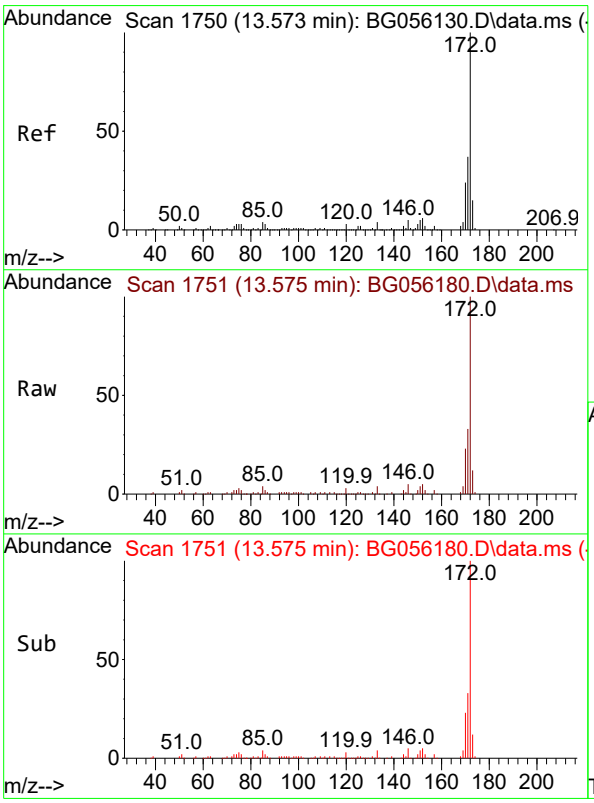

#42
2,4,6-Tribromophenol
Concen: 18.465 ng
RT: 16.419 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG056180.D
Acq: 30 Dec 2022 21:21

**Instrument :**
BNA_G
**ClientSampleId :**
SU-2-122922

Tgt Ion:330 Resp: 37059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.2 | 77.3 | 115.9 |
| 141 | 32.2 | 27.9 | 41.9 |

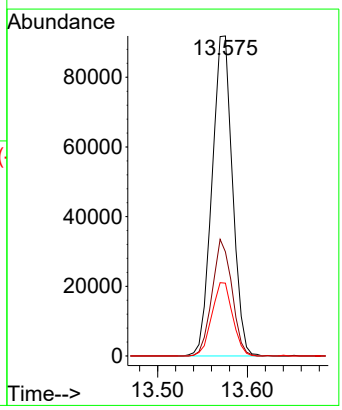


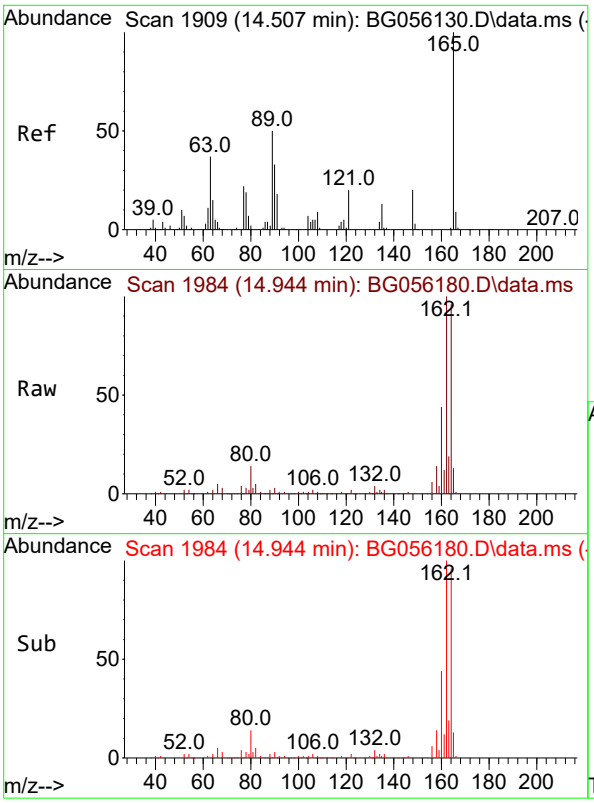




#45
2-Fluorobiphenyl
Concen: 12.645 ng
RT: 13.575 min Scan# 1751
Delta R.T. 0.002 min
Lab File: BG056180.D
Acq: 30 Dec 2022 21:21

Tgt Ion:172 Resp: 145109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 32.6 | 29.6 | 44.4 |
| 170 | 22.7 | 19.4 | 29.2 |



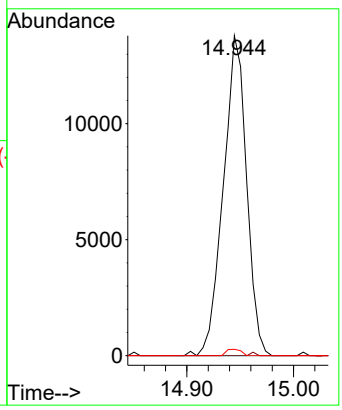


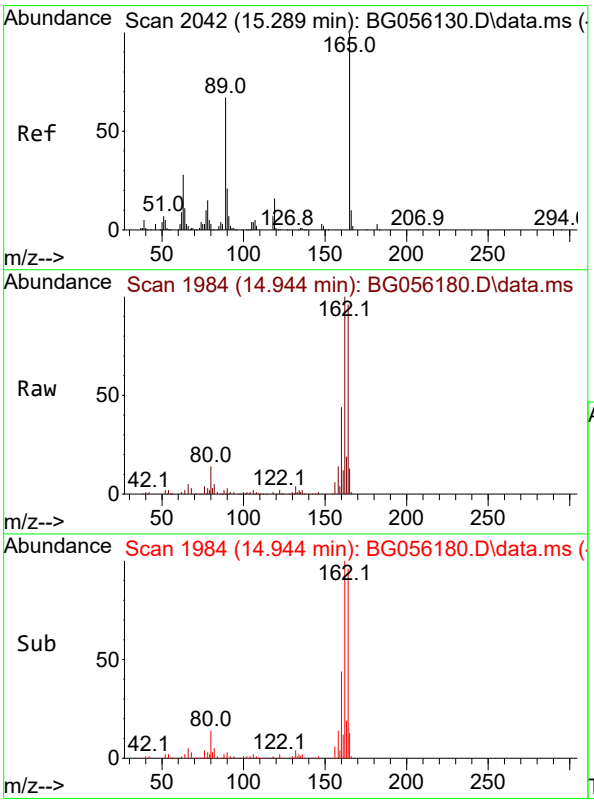

#51
2,6-Dinitrotoluene
Concen: 7.660 ng
RT: 14.944 min Scan# 1
Delta R.T. 0.437 min
Lab File: BG056180.D
Acq: 30 Dec 2022 21:21

**Instrument :**
BNA_G
**ClientSampleId :**
SU-2-122922

Tgt Ion:165 Resp: 20879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 32.2 | 48.2# |
| 89 | 2.0 | 39.8 | 59.8# |

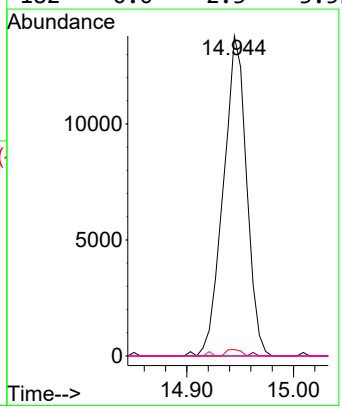


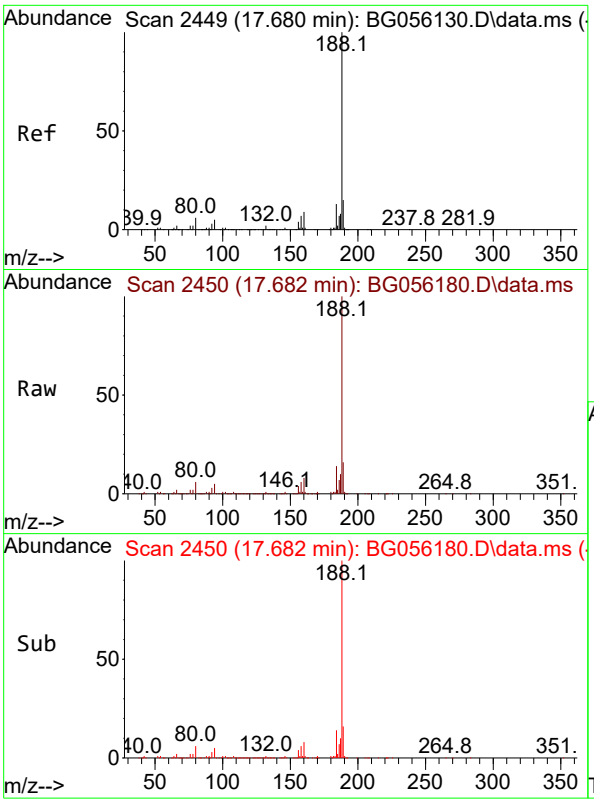




#57
2,4-Dinitrotoluene
Concen: 5.477 ng
RT: 14.944 min Scan# 1984
Delta R.T. -0.344 min
Lab File: BG056180.D
Acq: 30 Dec 2022 21:21

Tgt Ion:165 Resp: 20879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 22.6 | 34.0# |
| 89 | 2.0 | 53.2 | 79.8# |
| 182 | 0.0 | 2.3 | 3.5# |



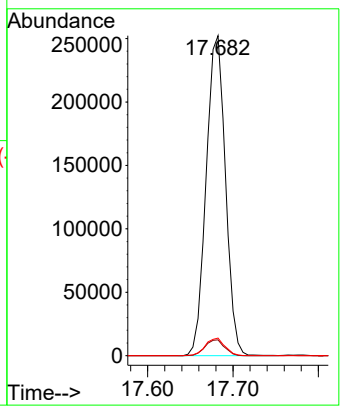


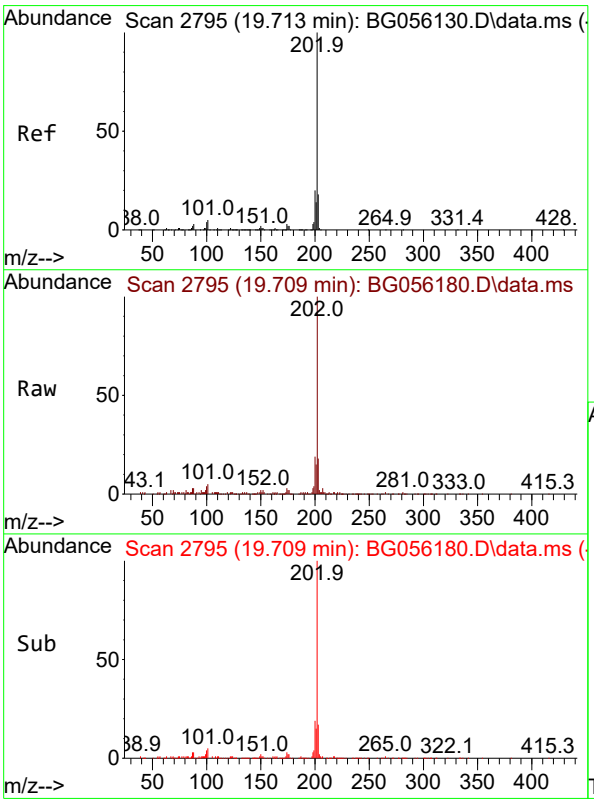

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.682 min Scan# 24
Delta R.T. 0.002 min
Lab File: BG056180.D
Acq: 30 Dec 2022 21:21

**Instrument :**
BNA_G
**ClientSampleId :**
SU-2-122922

Tgt Ion:188 Resp: 396358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 4.9 | 4.2 | 6.2 |
| 80 | 5.5 | 5.0 | 7.4 |

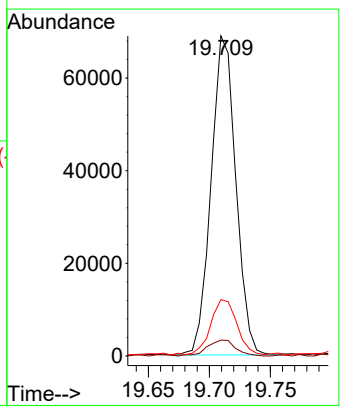


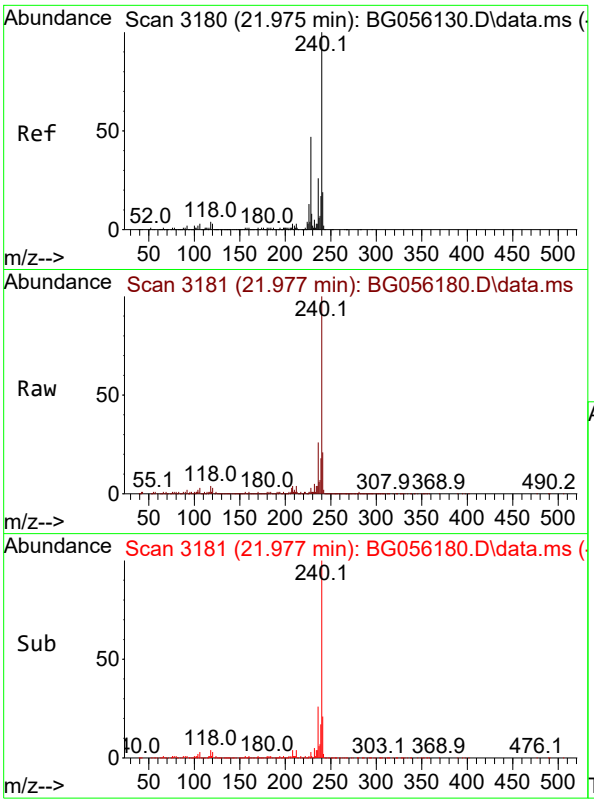




#75
Fluoranthene
Concen: 3.633 ng
RT: 19.709 min Scan# 2795
Delta R.T. -0.004 min
Lab File: BG056180.D
Acq: 30 Dec 2022 21:21

Tgt Ion:202 Resp: 97340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 4.9 | 0.0 | 25.0 |
| 203 | 17.6 | 0.0 | 38.0 |



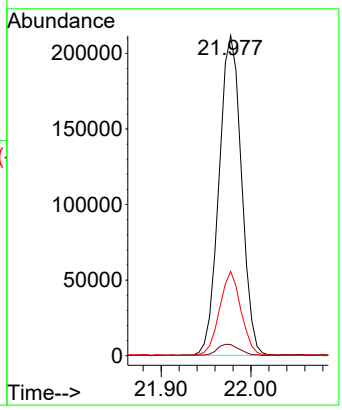


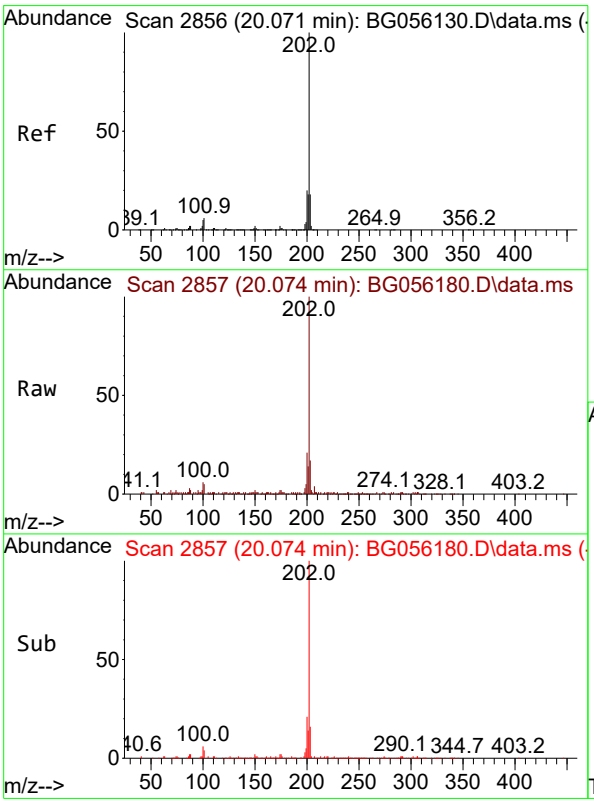

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.977 min Scan# 3
Delta R.T. 0.002 min
Lab File: BG056180.D
Acq: 30 Dec 2022 21:21

**Instrument :**
BNA_G
**ClientSampleId :**
SU-2-122922

Tgt Ion:240 Resp: 367214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 3.5 | 2.6 | 4.0 |
| 236 | 26.4 | 20.8 | 31.2 |

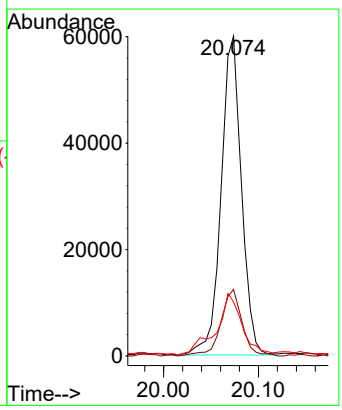


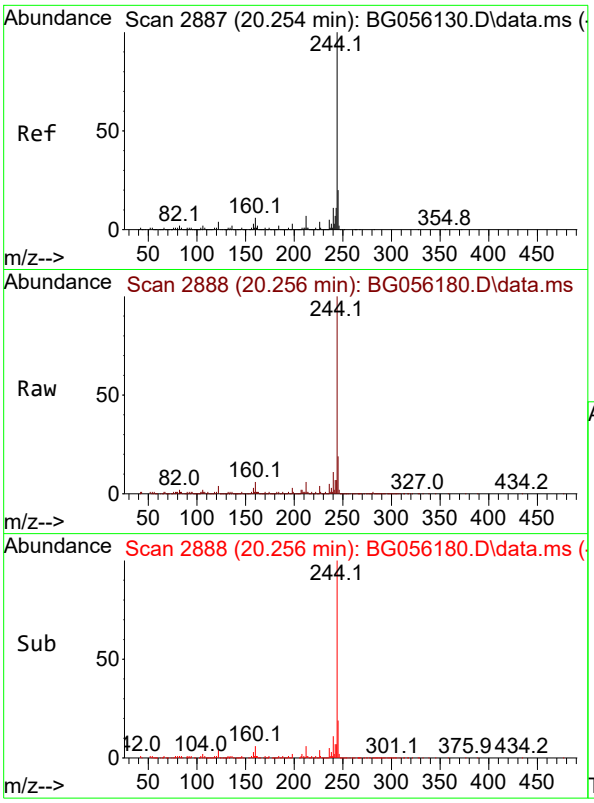




#78
Pyrene
Concen: 3.457 ng
RT: 20.074 min Scan# 2857
Delta R.T. 0.002 min
Lab File: BG056180.D
Acq: 30 Dec 2022 21:21

Tgt Ion:202 Resp: 89486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.8 | 16.4 | 24.6 |
| 203 | 16.9 | 14.3 | 21.5 |



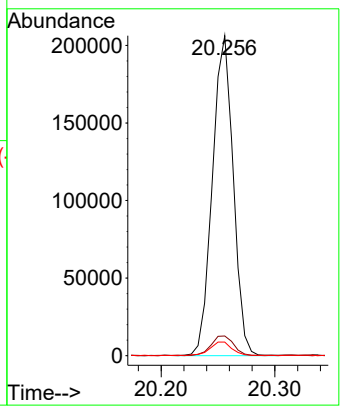


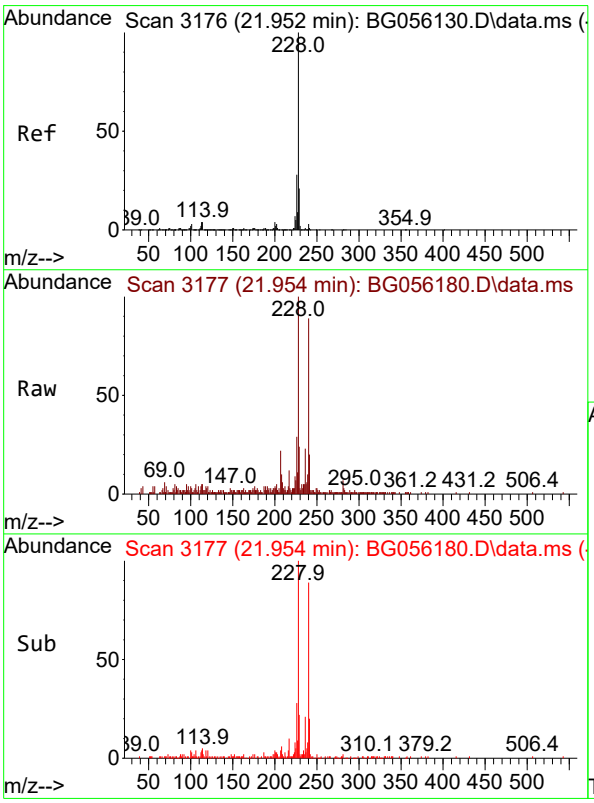

#79
Terphenyl-d14
Concen: 12.784 ng
RT: 20.256 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG056180.D
Acq: 30 Dec 2022 21:21

**Instrument :**
BNA_G
**ClientSampleId :**
SU-2-122922

Tgt Ion:244 Resp: 262116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.1 | 5.7 | 8.5 |
| 122 | 4.2 | 3.5 | 5.3 |

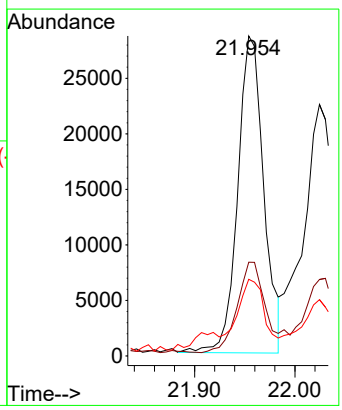


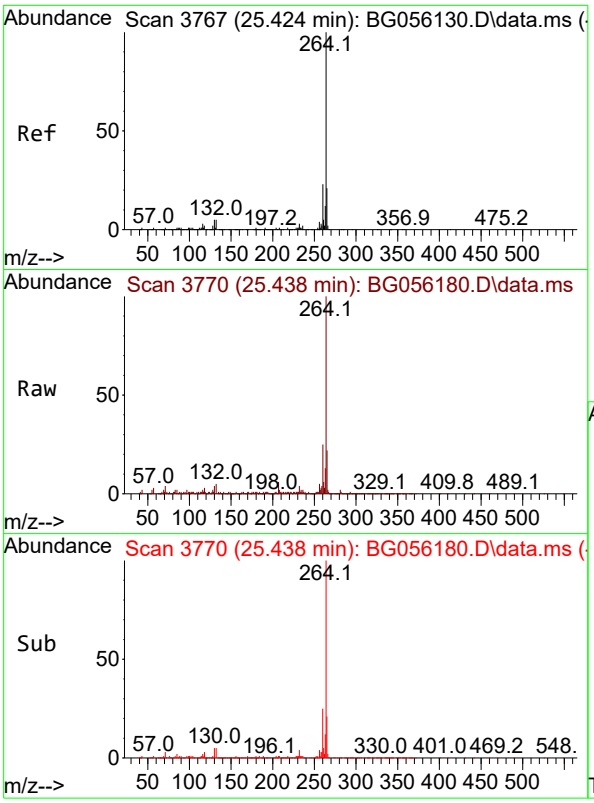




#81
Benzo(a)anthracene
Concen: 2.001 ng
RT: 21.954 min Scan# 3177
Delta R.T. 0.002 min
Lab File: BG056180.D
Acq: 30 Dec 2022 21:21

Tgt Ion:228 Resp: 51611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.3 | 22.6 | 34.0 |
| 229 | 24.0 | 16.9 | 25.3 |



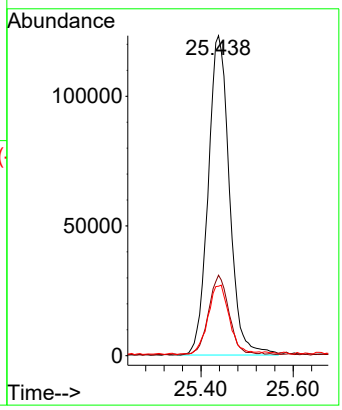


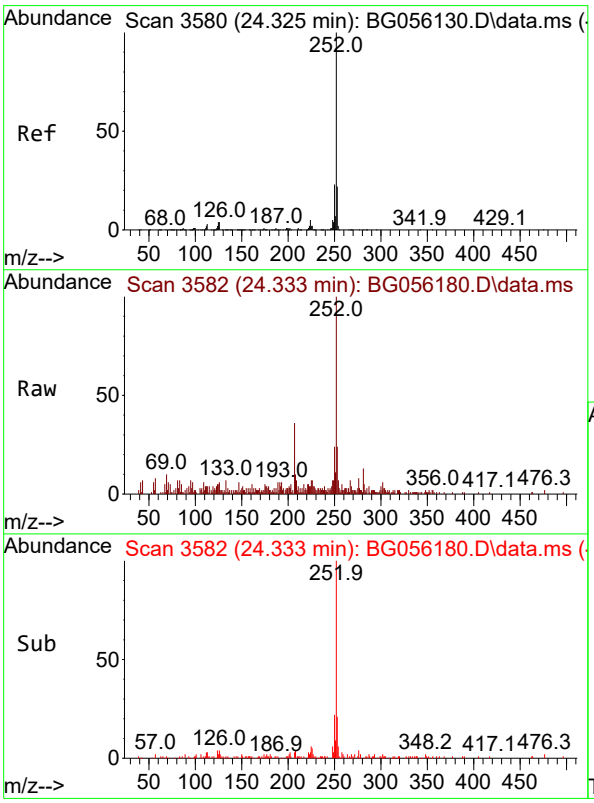

#86
Perylene-d12
Concen: 20.000 ng
RT: 25.438 min Scan# 3
Delta R.T. 0.014 min
Lab File: BG056180.D
Acq: 30 Dec 2022 21:21

**Instrument :**
BNA_G
**ClientSampleId :**
SU-2-122922

Tgt Ion:264 Resp: 394369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.2 | 18.6 | 28.0 |
| 265 | 21.7 | 16.7 | 25.1 |

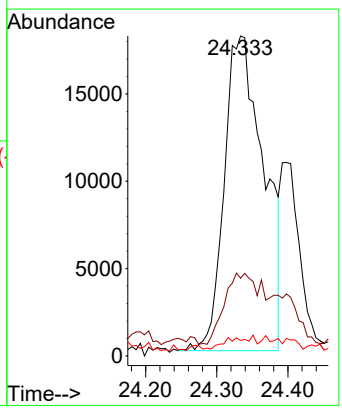


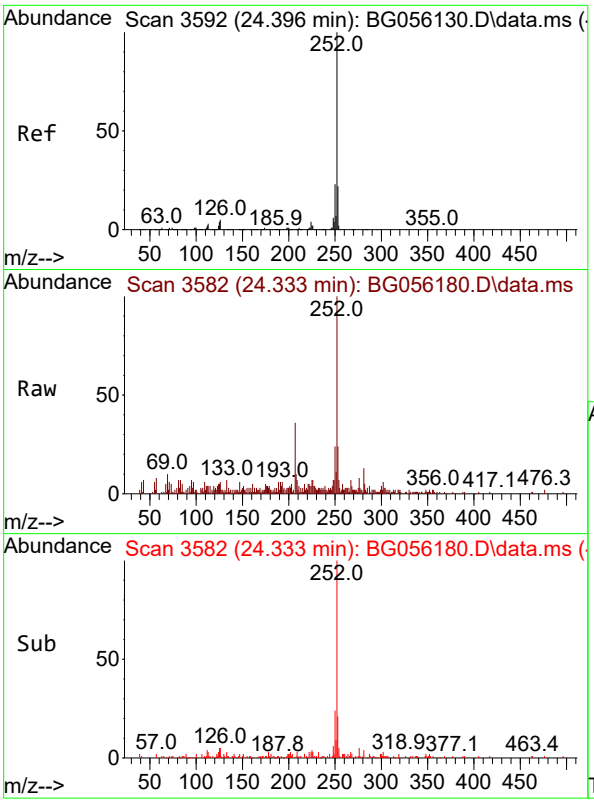




#88
Benzo(b)fluoranthene
Concen: 2.774 ng
RT: 24.333 min Scan# 3582
Delta R.T. 0.008 min
Lab File: BG056180.D
Acq: 30 Dec 2022 21:21

Tgt Ion:252 Resp: 69508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.3 | 17.4 | 26.2 |
| 125 | 4.9 | 3.0 | 4.4# |






#89
Benzo(k)fluoranthene
Concen: 2.786 ng
RT: 24.333 min Scan# 3
Delta R.T. -0.062 min
Lab File: BG056180.D
Acq: 30 Dec 2022 21:21

**Instrument :**
BNA_G
**ClientSampleId :**
SU-2-122922

Tgt Ion:252 Resp: 69508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.3 | 17.5 | 26.3 |
| 125 | 4.9 | 3.4 | 5.0 |