Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
Data File : BG054183.D
Acq On : 1 Jul 2022 00:04
Operator : CG/JU
Sample : N3549-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
ML-1

Quant Time: Jul 01 04:06:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 00:27:54 2022
Response via : Initial Calibration

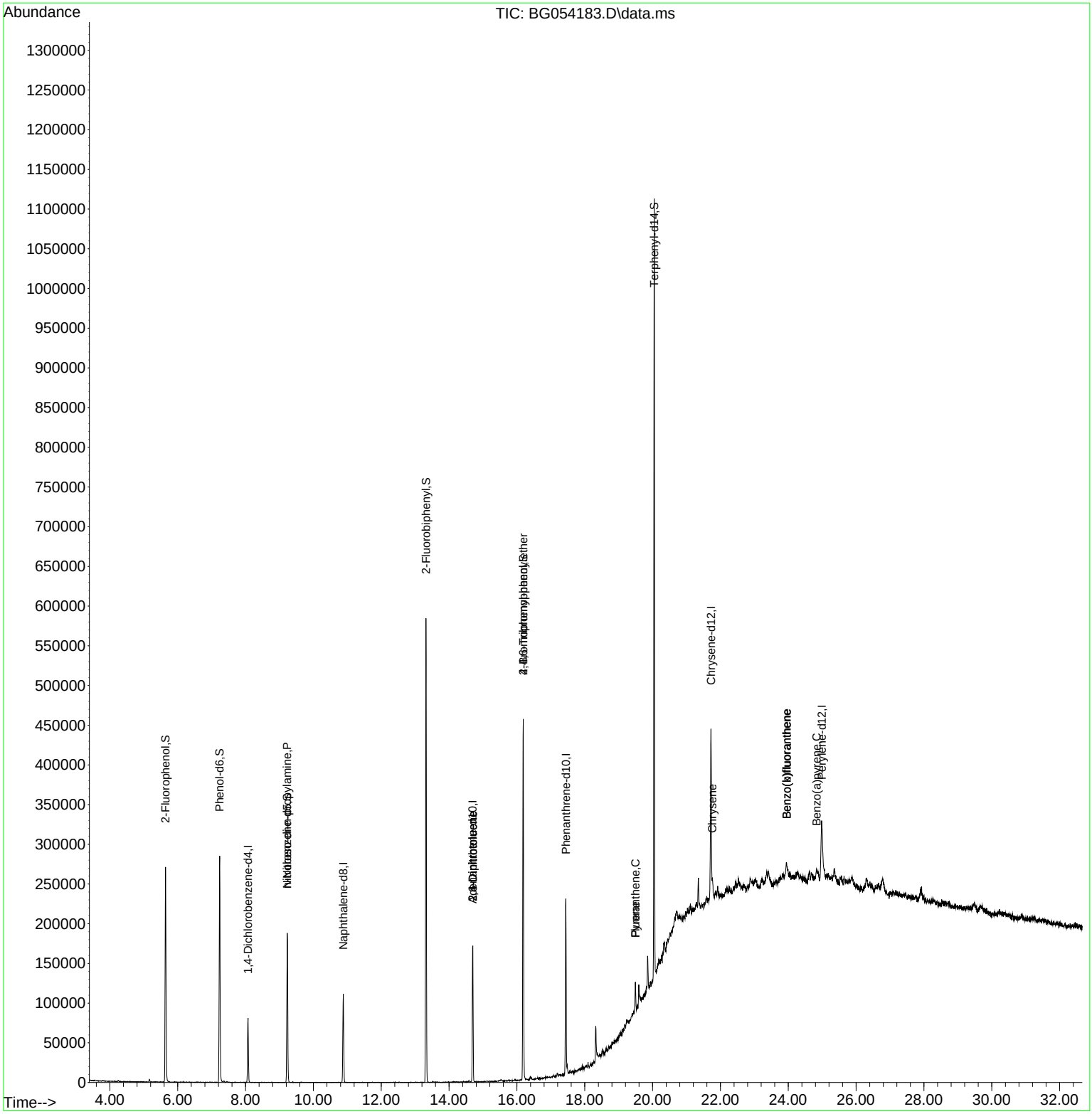
| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.072 | 152 | 25326 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.880 | 136 | 100983 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 14.694 | 164 | 69839 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.443 | 188 | 156535 | 20.000 | ng | # | 0.00 |
| 76) Chrysene-d12 | 21.721 | 240 | 162163 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.987 | 264 | 124510 | 20.000 | ng | | 0.03 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.640 | 112 | 132673 | 100.158 | ng | | 0.00 |
| 7) Phenol-d6 | 7.238 | 99 | 177082 | 98.544 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.229 | 82 | 120758 | 67.201 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.186 | 330 | 117321 | 104.556 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.319 | 172 | 336524 | 70.068 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.046 | 244 | 558338 | 69.346 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propyla... | 9.229 | 70 | 16752 | 13.876 | ng | # | 89 |
| 51) 2,6-Dinitrotoluene | 14.700 | 165 | 10017 | 9.321 | ng | # | 16 |
| 57) 2,4-Dinitrotoluene | 14.700 | 165 | 10017 | 6.600 | ng | # | 21 |
| 67) 4-Bromophenyl-phenylether | 16.186 | 248 | 7297 | 3.732 | ng | # | 1 |
| 75) Fluoranthene | 19.494 | 202 | 26283 | 2.490 | ng | | 93 |
| 78) Pyrene | 19.494 | 202 | 26283 | 2.684 | ng | | 93 |
| 83) Chrysene | 21.762 | 228 | 21436 | 2.142 | ng | # | 84 |
| 88) Benzo(b)fluoranthene | 23.953 | 252 | 22433 | 2.963 | ng | # | 55 |
| 89) Benzo(k)fluoranthene | 23.953 | 252 | 22433 | 2.993 | ng | # | 57 |
| 90) Benzo(a)pyrene | 24.841 | 252 | 13334 | 2.088 | ng | # | 57 |

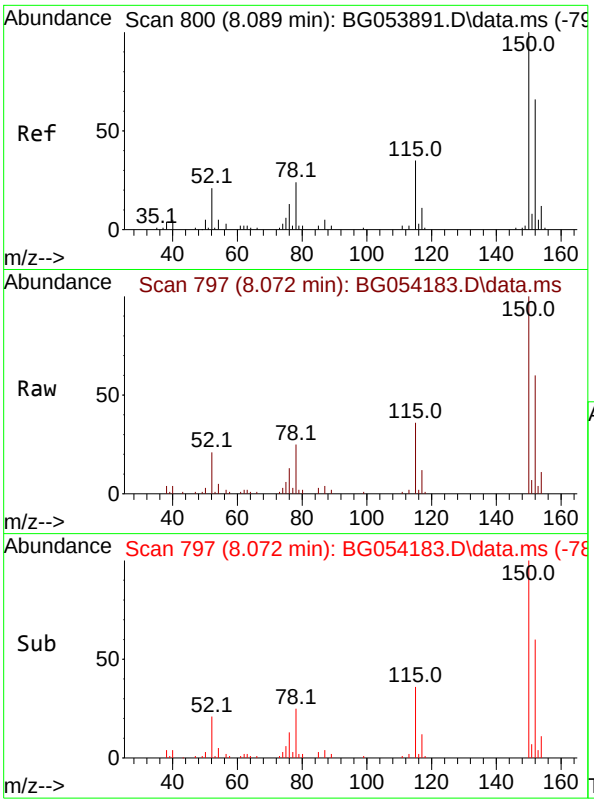
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
Data File : BG054183.D
Acq On : 1 Jul 2022 00:04
Operator : CG/JU
Sample : N3549-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
ML-1

Quant Time: Jul 01 04:06:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 00:27:54 2022
Response via : Initial Calibration



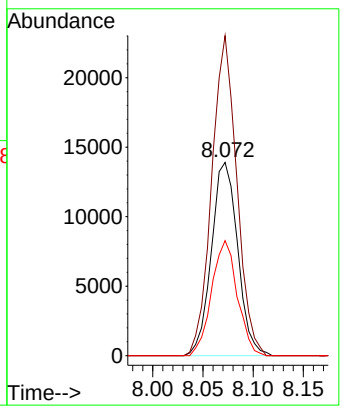


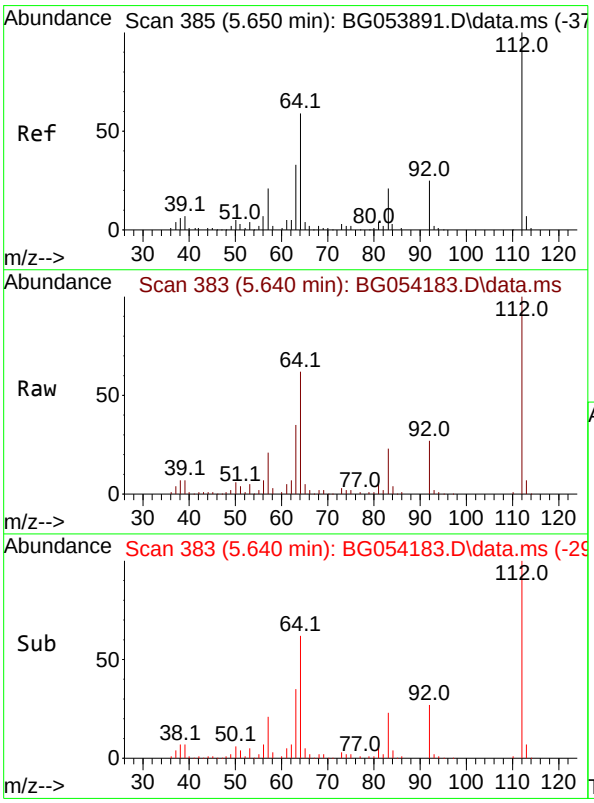

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.072 min Scan# 7
Delta R.T. 0.002 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04

**Instrument :**
BNA_G
**ClientSampleId :**
ML-1

Tgt Ion:152 Resp: 25326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 165.5 | 131.6 | 197.4 |
| 115 | 59.5 | 50.9 | 76.3 |

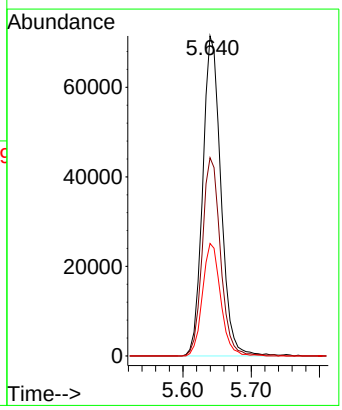


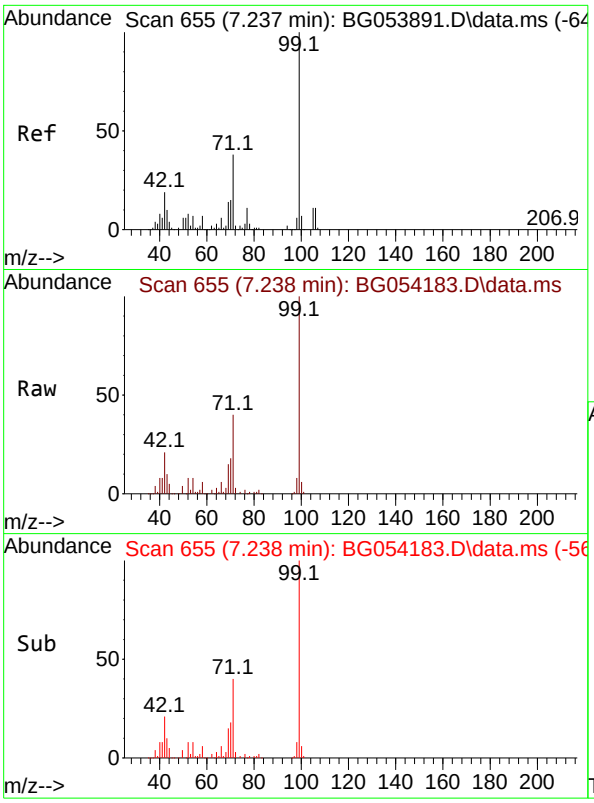




#5
2-Fluorophenol
Concen: 100.158 ng
RT: 5.640 min Scan# 383
Delta R.T. 0.002 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04

Tgt Ion:112 Resp: 132673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 61.9 | 55.1 | 82.7 |
| 63 | 35.2 | 30.4 | 45.6 |



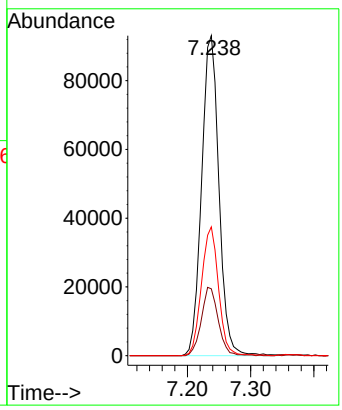


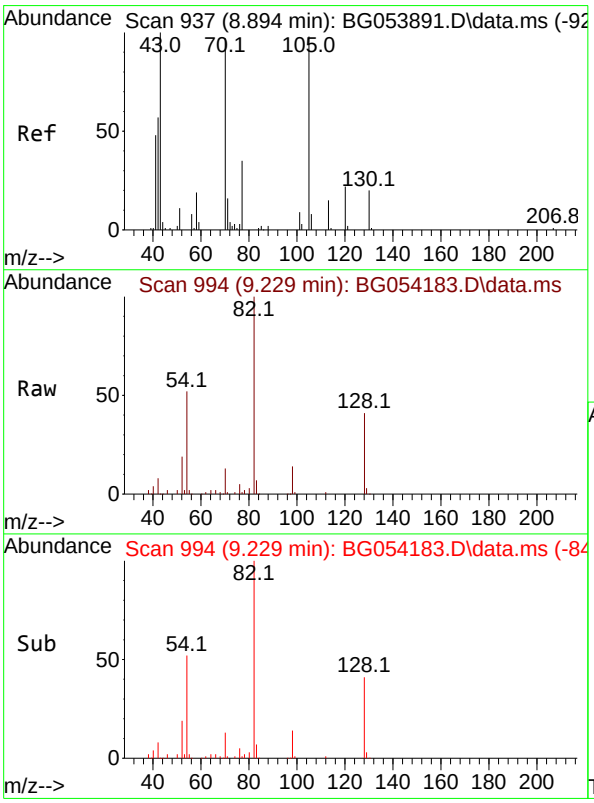

#7
Phenol-d6
Concen: 98.544 ng
RT: 7.238 min Scan# 6
Delta R.T. 0.008 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04

**Instrument :**
BNA_G
**ClientSampleId :**
ML-1

Tgt Ion: 99 Resp: 177082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.9 | 17.0 | 25.6 |
| 71 | 40.3 | 33.8 | 50.8 |

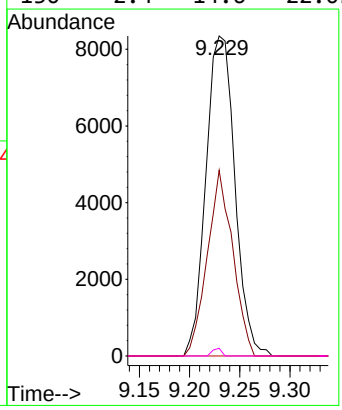


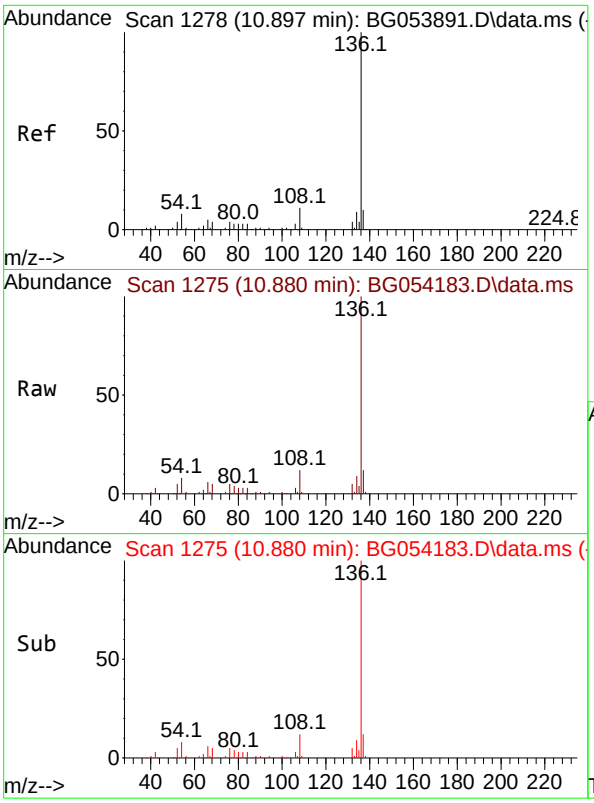




#19
n-Nitroso-di-n-propylamine
Concen: 13.876 ng
RT: 9.229 min Scan# 994
Delta R.T. 0.354 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04

Tgt Ion: 70 Resp: 16752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 58.0 | 47.3 | 70.9 |
| 101 | 0.0 | 7.0 | 10.4# |
| 130 | 2.4 | 14.6 | 22.0# |



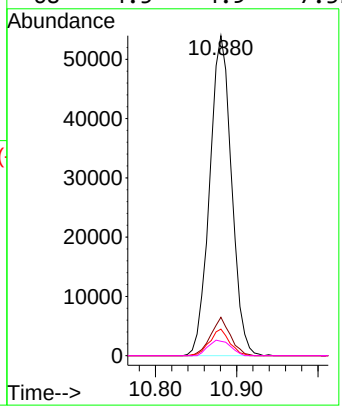


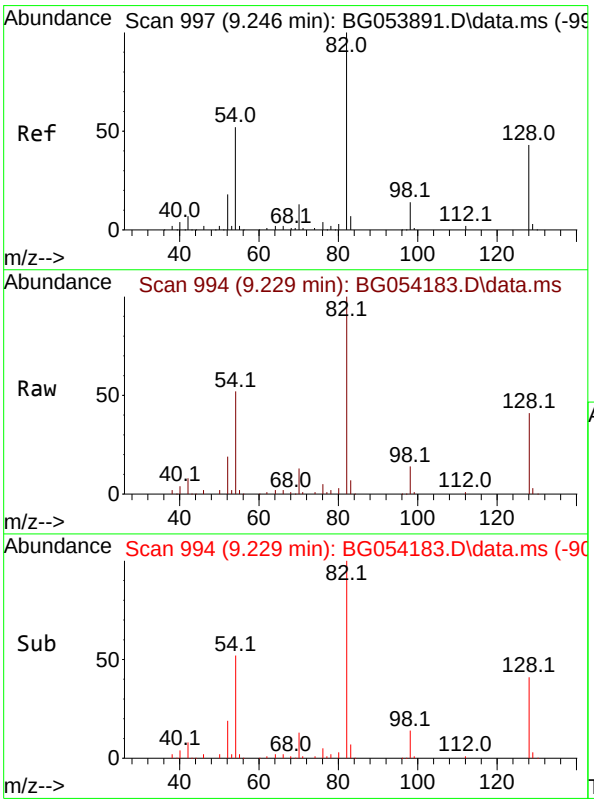

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.880 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04

**Instrument :**
BNA_G
**ClientSampleId :**
ML-1

Tgt Ion:136 Resp: 100983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.0 | 8.5 | 12.7 |
| 54 | 8.3 | 7.4 | 11.2 |
| 68 | 4.5 | 4.9 | 7.3# |

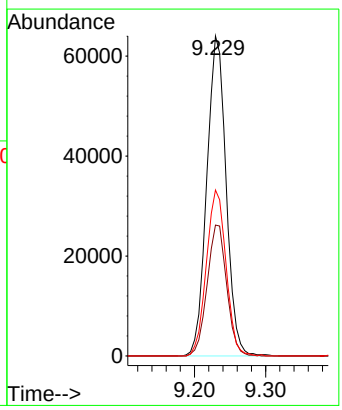


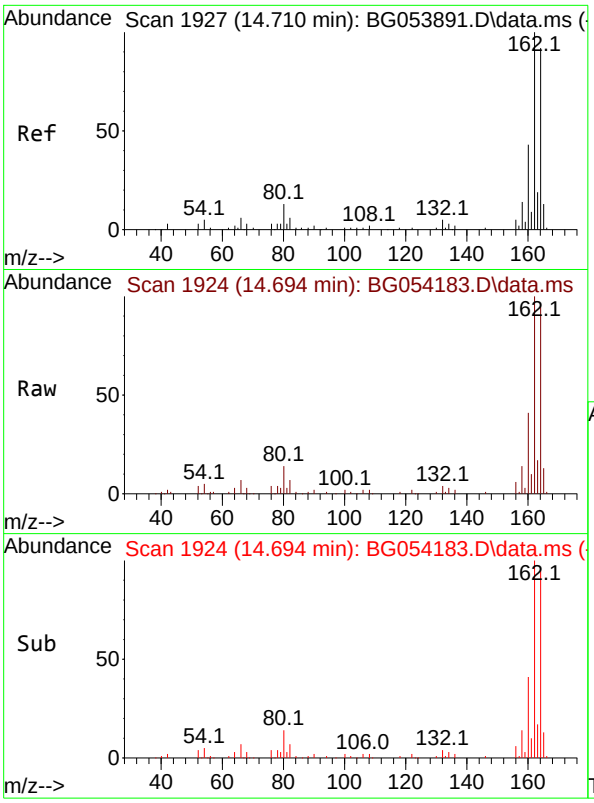




#23
Nitrobenzene-d5
Concen: 67.201 ng
RT: 9.229 min Scan# 994
Delta R.T. -0.004 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04

Tgt Ion: 82 Resp: 120758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 40.9 | 27.9 | 41.9 |
| 54 | 51.9 | 41.2 | 61.8 |



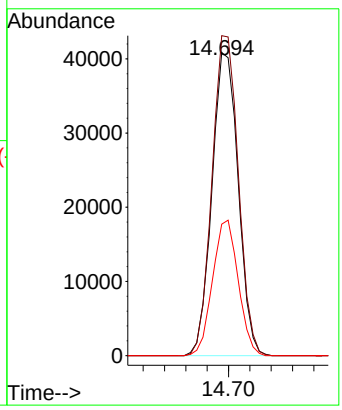


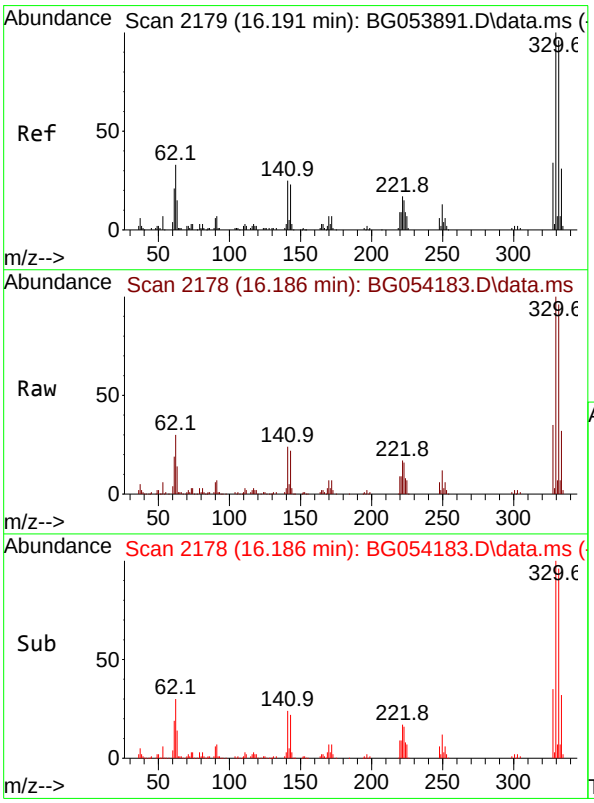

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.694 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04

**Instrument :**
BNA_G
**ClientSampleId :**
ML-1

Tgt Ion:164 Resp: 69839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.6 | 82.3 | 123.5 |
| 160 | 43.4 | 34.2 | 51.2 |

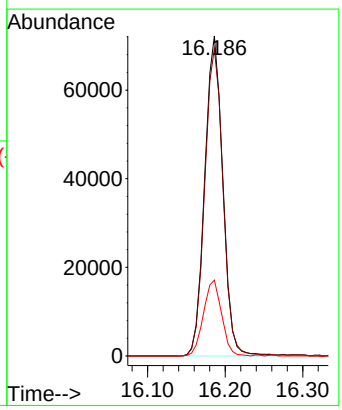


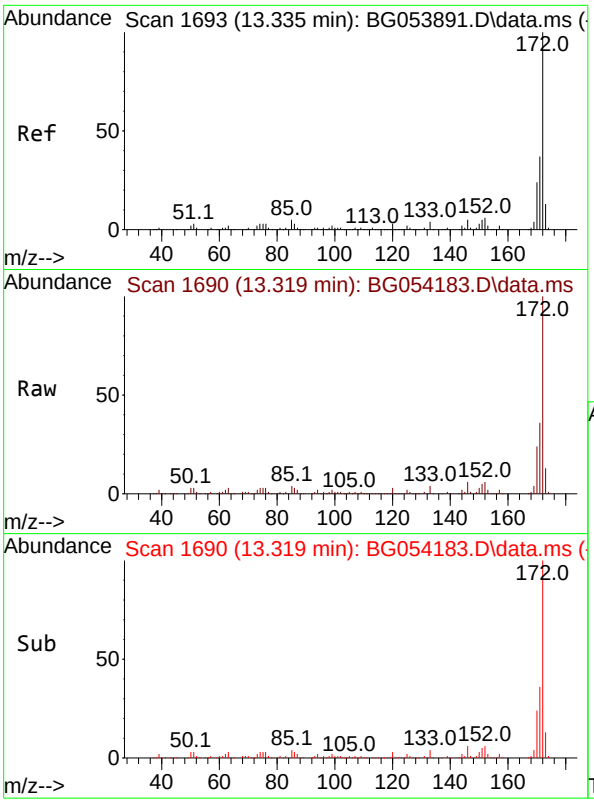




#42
2,4,6-Tribromophenol
Concen: 104.556 ng
RT: 16.186 min Scan# 2178
Delta R.T. 0.002 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04

Tgt Ion:330 Resp: 117321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.1 | 76.0 | 114.0 |
| 141 | 23.7 | 27.1 | 40.7# |



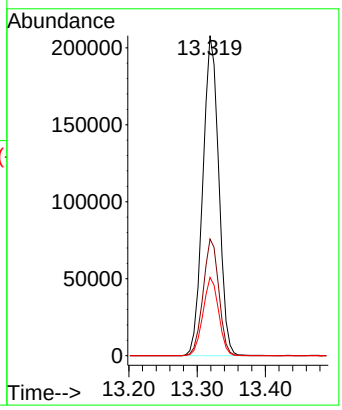


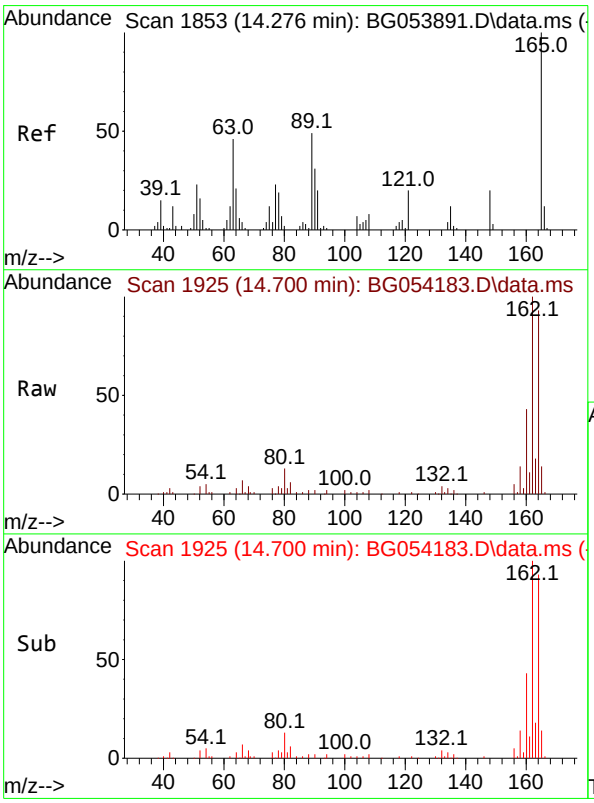

#45
2-Fluorobiphenyl
Concen: 70.068 ng
RT: 13.319 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04

**Instrument :**
BNA_G
**ClientSampleId :**
ML-1

Tgt Ion:172 Resp: 336524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.5 | 28.5 | 42.7 |
| 170 | 24.5 | 18.9 | 28.3 |

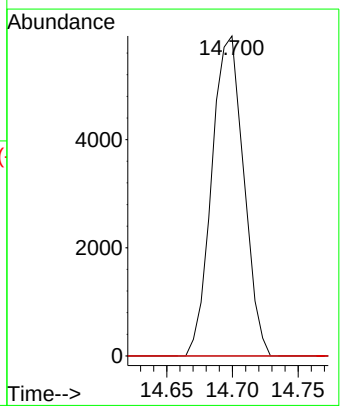


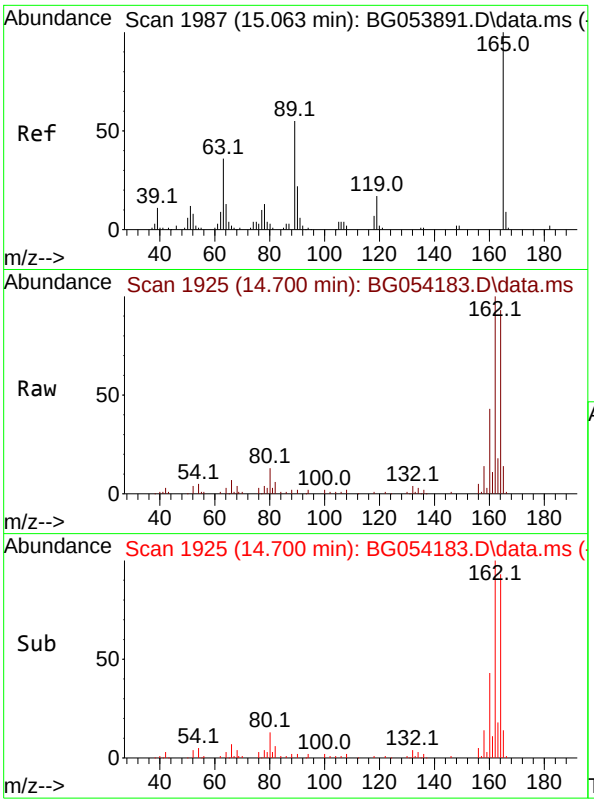




#51
2,6-Dinitrotoluene
Concen: 9.321 ng
RT: 14.700 min Scan# 1925
Delta R.T. 0.436 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04

Tgt Ion:165 Resp: 10017

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



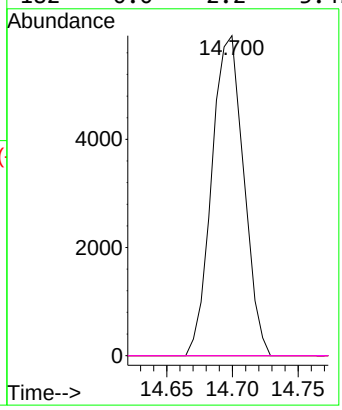


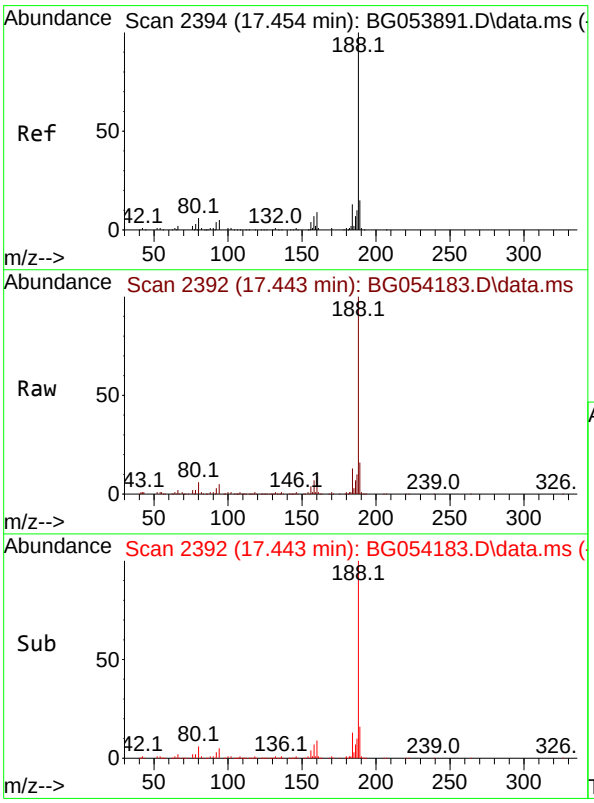

#57
2,4-Dinitrotoluene
Concen: 6.600 ng
RT: 14.700 min Scan# 1
Delta R.T. -0.351 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04

**Instrument :**
BNA_G
**ClientSampleId :**
ML-1

Tgt Ion:165 Resp: 10017

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

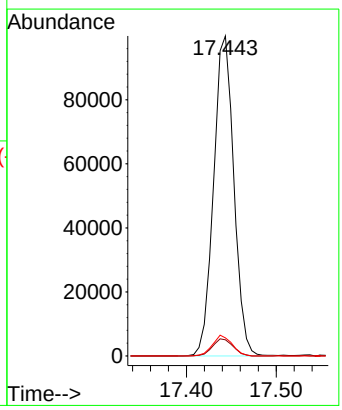


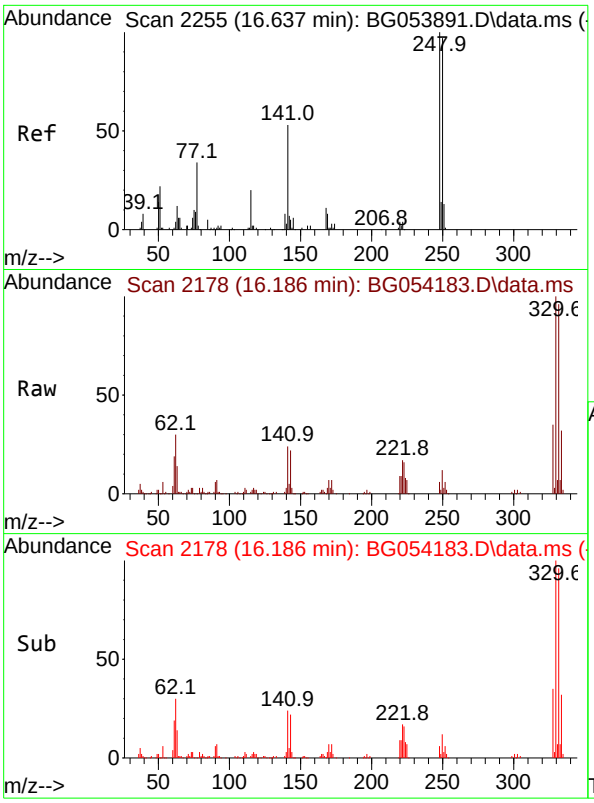




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.443 min Scan# 2392
Delta R.T. 0.002 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04

Tgt Ion:188 Resp: 156535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 5.1 | 5.4 | 8.0# |
| 80 | 5.7 | 6.8 | 10.2# |



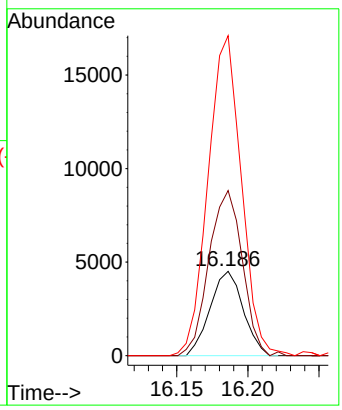


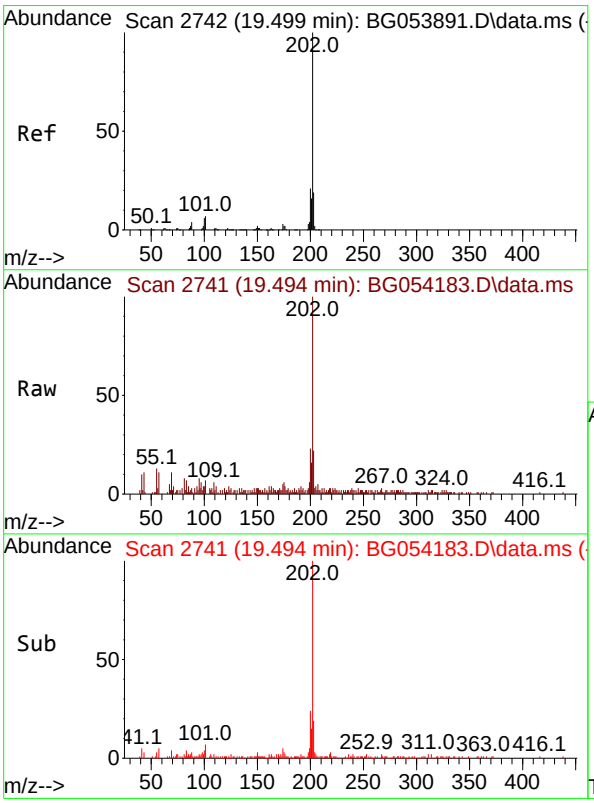

#67
4-Bromophenyl-phenylether
Concen: 3.732 ng
RT: 16.186 min Scan# 21
Delta R.T. -0.439 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04

**Instrument :**
BNA_G
**ClientSampleId :**
ML-1

Tgt Ion:248 Resp: 7297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 147.3 | 75.2 | 112.8# |
| 141 | 285.4 | 50.0 | 75.0# |

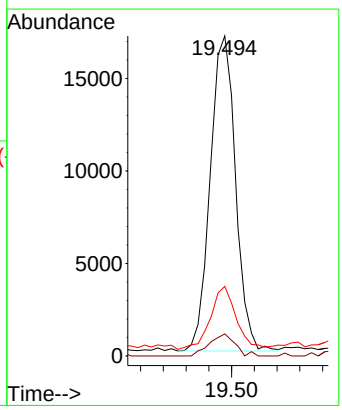


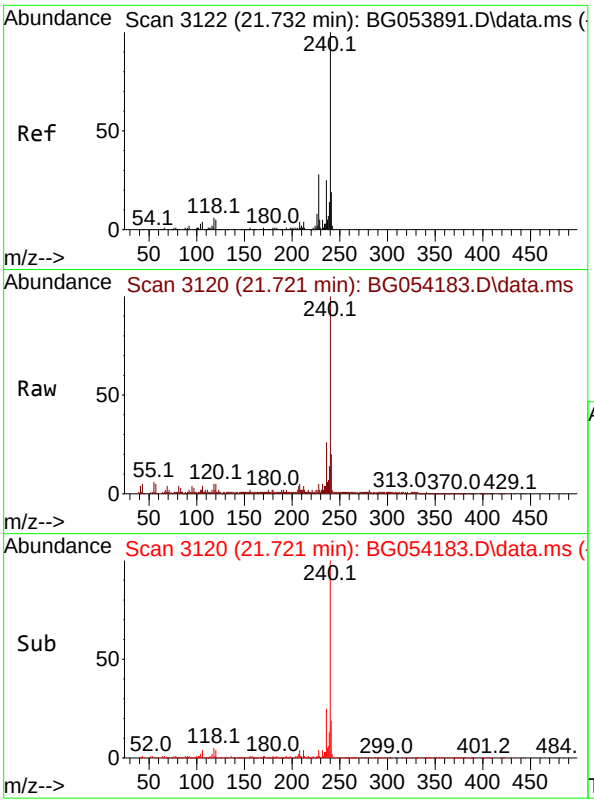




#75
Fluoranthene
Concen: 2.490 ng
RT: 19.494 min Scan# 2741
Delta R.T. 0.002 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04

Tgt Ion:202 Resp: 26283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.9 | 0.0 | 26.9 |
| 203 | 21.7 | 0.0 | 37.2 |



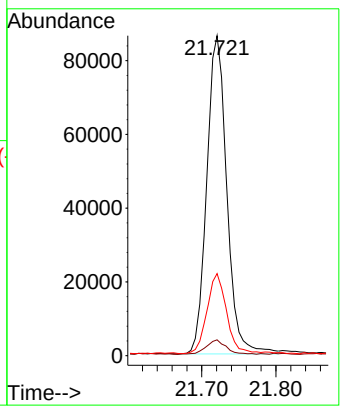


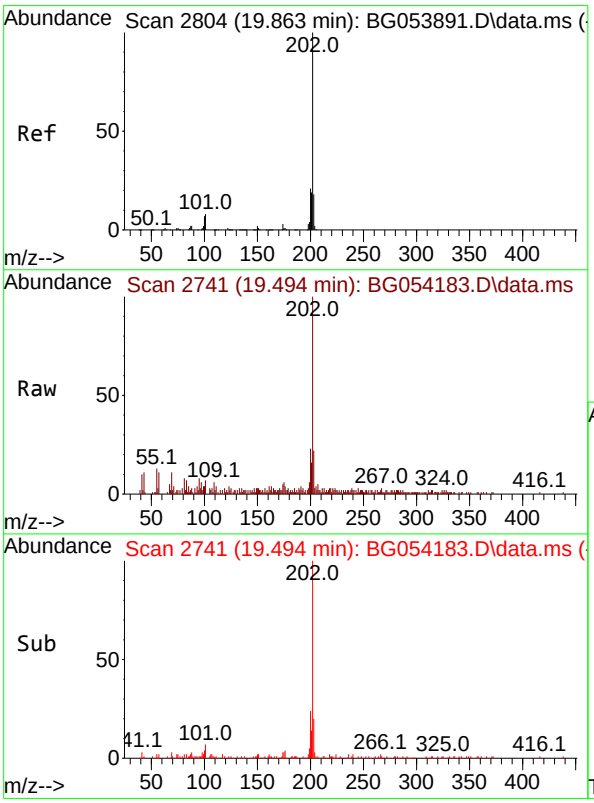

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.721 min Scan# 3
Delta R.T. 0.002 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04

**Instrument :**
BNA_G
**ClientSampleId :**
ML-1

Tgt Ion:240 Resp: 162163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 4.9 | 4.6 | 7.0 |
| 236 | 25.7 | 20.2 | 30.4 |

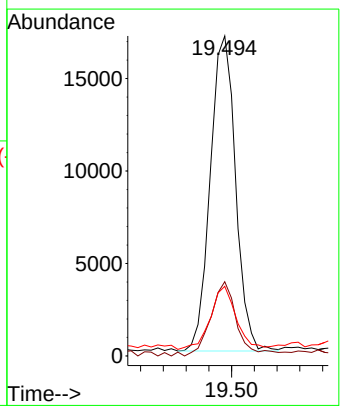


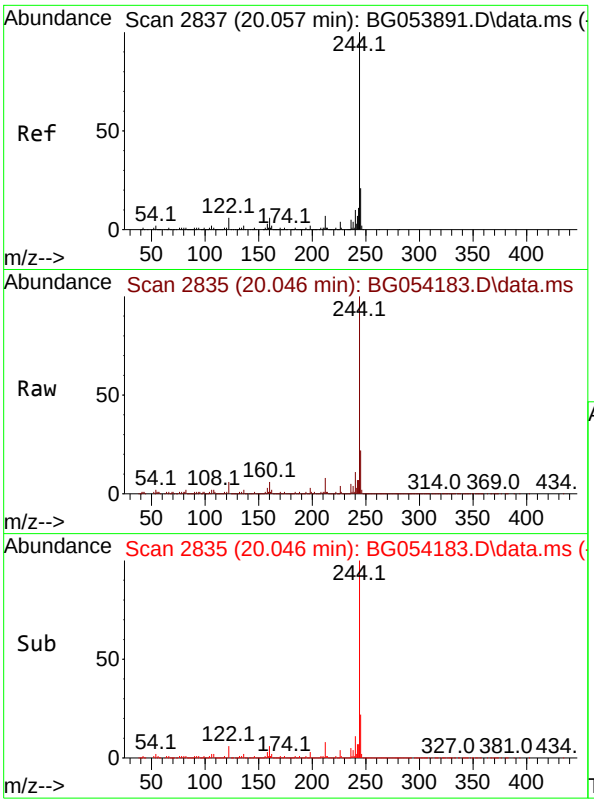




#78
Pyrene
Concen: 2.684 ng
RT: 19.494 min Scan# 2741
Delta R.T. -0.357 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04

Tgt Ion:202 Resp: 26283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 23.2 | 16.6 | 24.8 |
| 203 | 21.7 | 14.6 | 21.8 |



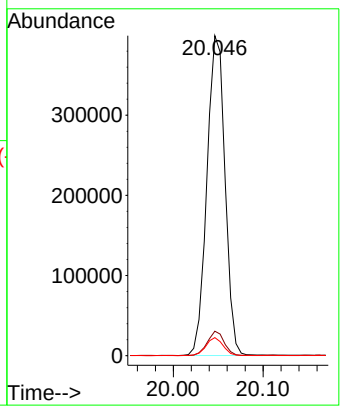


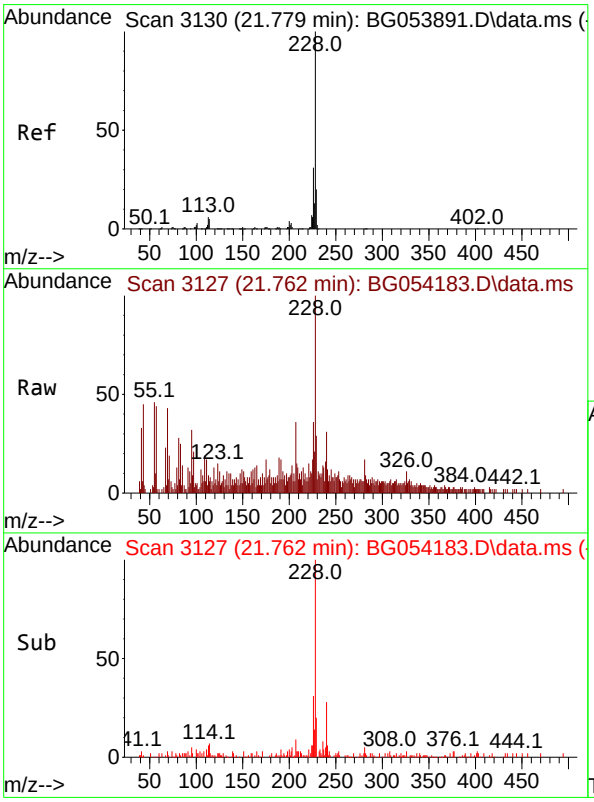

#79
Terphenyl-d14
Concen: 69.346 ng
RT: 20.046 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04

**Instrument :**
BNA_G
**ClientSampleId :**
ML-1

Tgt Ion:244 Resp: 558338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.7 | 6.5 | 9.7 |
| 122 | 5.6 | 5.0 | 7.4 |

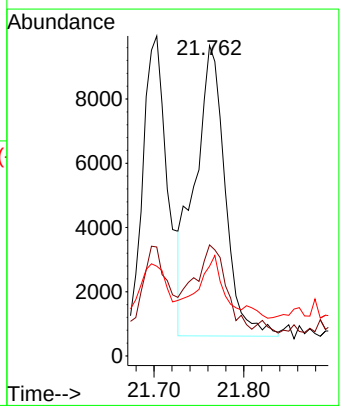


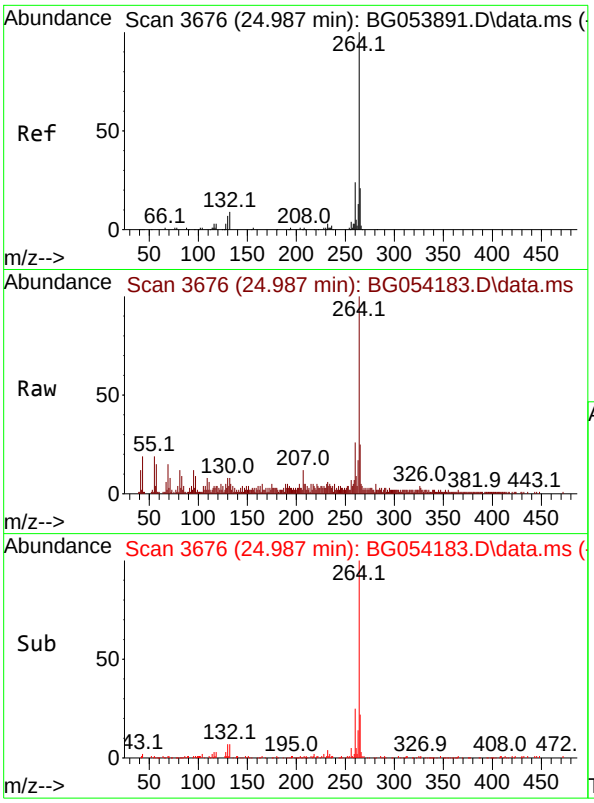




#83
Chrysene
Concen: 2.142 ng
RT: 21.762 min Scan# 3127
Delta R.T. 0.002 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04

Tgt Ion:228 Resp: 21436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 35.8 | 23.4 | 35.2# |
| 229 | 28.9 | 15.5 | 23.3# |



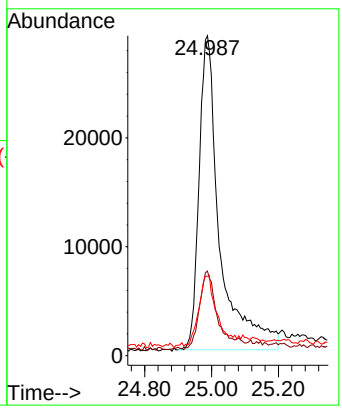


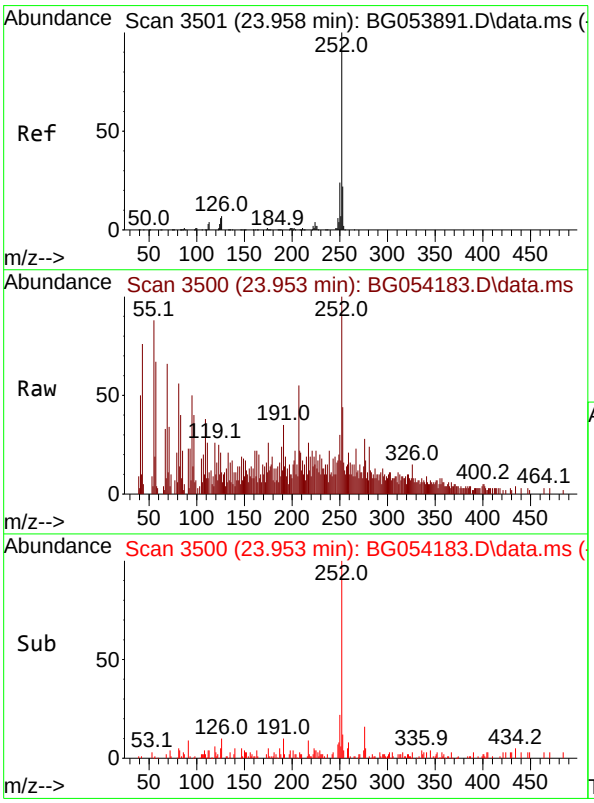

#86
Perylene-d12
Concen: 20.000 ng
RT: 24.987 min Scan# 3
Delta R.T. 0.025 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04

**Instrument :**
BNA_G
**ClientSampleId :**
ML-1

Tgt Ion:264 Resp: 124510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 26.5 | 19.0 | 28.6 |
| 265 | 24.8 | 17.4 | 26.2 |

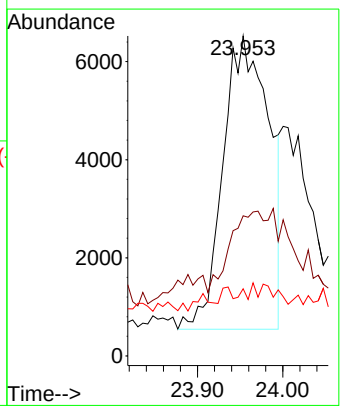


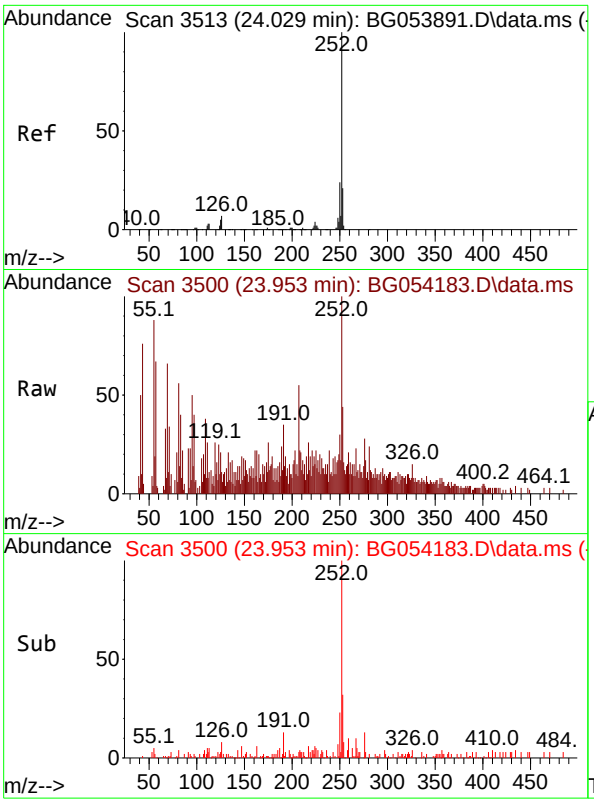




#88
Benzo(b)fluoranthene
Concen: 2.963 ng
RT: 23.953 min Scan# 3500
Delta R.T. 0.019 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04

Tgt Ion:252 Resp: 22433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 43.8 | 18.0 | 27.0# |
| 125 | 21.0 | 4.6 | 6.8# |



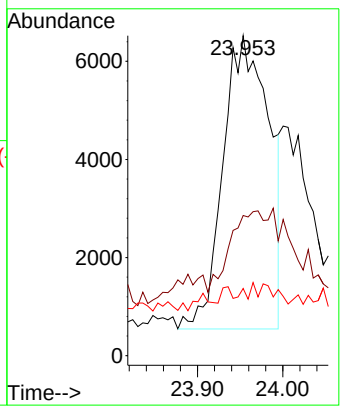


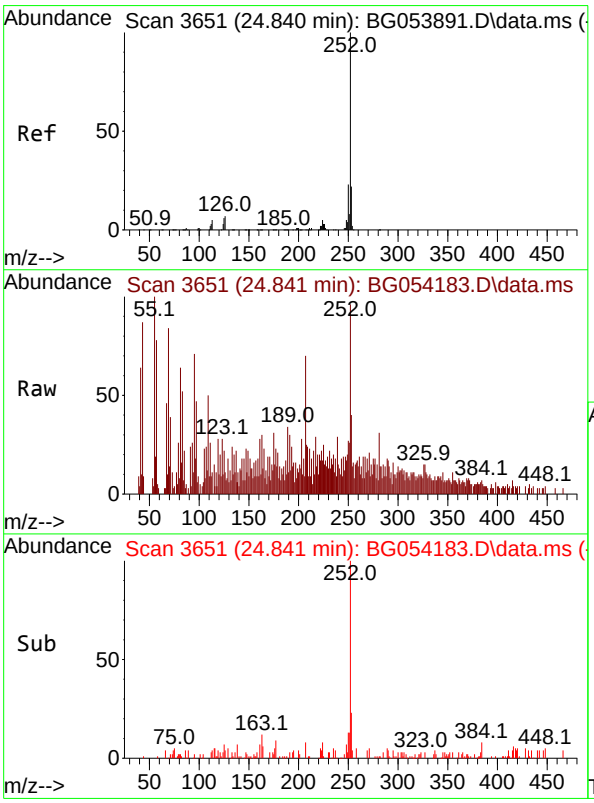

#89
Benzo(k)fluoranthene
Concen: 2.993 ng
RT: 23.953 min Scan# 3
Delta R.T. -0.051 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04

**Instrument :**
BNA_G
**ClientSampleId :**
ML-1

Tgt Ion:252 Resp: 22433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 43.8 | 18.4 | 27.6# |
| 125 | 21.0 | 4.8 | 7.2# |




#90
Benzo(a)pyrene
Concen: 2.088 ng
RT: 24.841 min Scan# 3651
Delta R.T. 0.025 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04

Tgt Ion:252 Resp: 13334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 41.7 | 17.8 | 26.8# |
| 125 | 23.3 | 4.3 | 6.5# |