Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042117.D
Acq On : 10 Aug 2019 00:40
Operator : HP/JU
Sample : K4041-13
Misc :
ALS Vial : 47 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :**

Quant Time: Aug 10 02:32:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 16:22:05 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.03 | 152 | 80306 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.85 | 136 | 334377 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.69 | 164 | 235212 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.44 | 188 | 486867 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.72 | 240 | 477206 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 25.00 | 264 | 576433 | 20.00 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.41 | 96 | 3444 | 1.88 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.18 | 99 | 83396 | 13.23 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.35 | 67 | 42978 | 12.19 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.56 | 132 | 77454 | 14.38 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.74 | 113 | 68272 | 12.90 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.19 | 128 | 39185 | 15.57 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.92 | 143 | 49716 | 17.01 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.47 | 165 | 90506 | 15.34 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.98 | 131 | 79992 | 12.22 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.09 | 166 | 295962 | 16.22 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.38 | 160 | 338113 | 16.23 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.89 | 143 | 27992 | 9.14 | ng/ul | 0.01 |
| 57) Fluorene-d10 | 15.68 | 176 | 263524 | 16.24 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.80 | 200 | 40192 | 12.87 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.53 | 188 | 393933 | 16.86 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.83 | 212 | 446822 | 16.78 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 24.77 | 264 | 503600 | 16.72 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.21 | 94 | 13684 | 2.103 | ng/ul# | 93 |
| 44) Dimethylphthalate | 14.13 | 163 | 68517 | 3.783 | ng/ul | 99 |
| 54) 2,4-Dinitrotoluene | 14.69 | 165 | 31101 | 5.429 | ng/ul# | 44 |
| 69) Phenanthrene | 17.48 | 178 | 85715 | 3.216 | ng/ul | 99 |
| 76) Fluoranthene | 19.49 | 202 | 223570 | 7.260 | ng/ul | 96 |
| 79) Pyrene | 19.86 | 202 | 257467 | 8.021 | ng/ul# | 95 |
| 82) Benzo(a)anthracene | 21.70 | 228 | 162003 | 4.896 | ng/ul | 96 |
| 83) Bis(2-ethylhexyl)phthalate | 21.61 | 149 | 93049 | 5.398 | ng/ul | 99 |
| 84) Chrysene | 21.77 | 228 | 168247 | 5.448 | ng/ul | 97 |
| 87) Benzo(b)fluoranthene | 23.96 | 252 | 193195 | 5.341 | ng/ul | 98 |
| 88) Benzo(k)fluoranthene | 23.96 | 252 | 193195 | 5.555 | ng/ul | 98 |
| 90) Benzo(a)pyrene | 24.69 | 252 | 110717 | 3.212 | ng/ul | 99 |
| 91) Indeno(1,2,3-cd)pyrene | 28.71 | 276 | 42118 | 1.048 | ng/ul | 92 |
| 93) Benzo(g,h,i)perylene | 29.88 | 276 | 93301 | 2.779 | ng/ul | 97 |

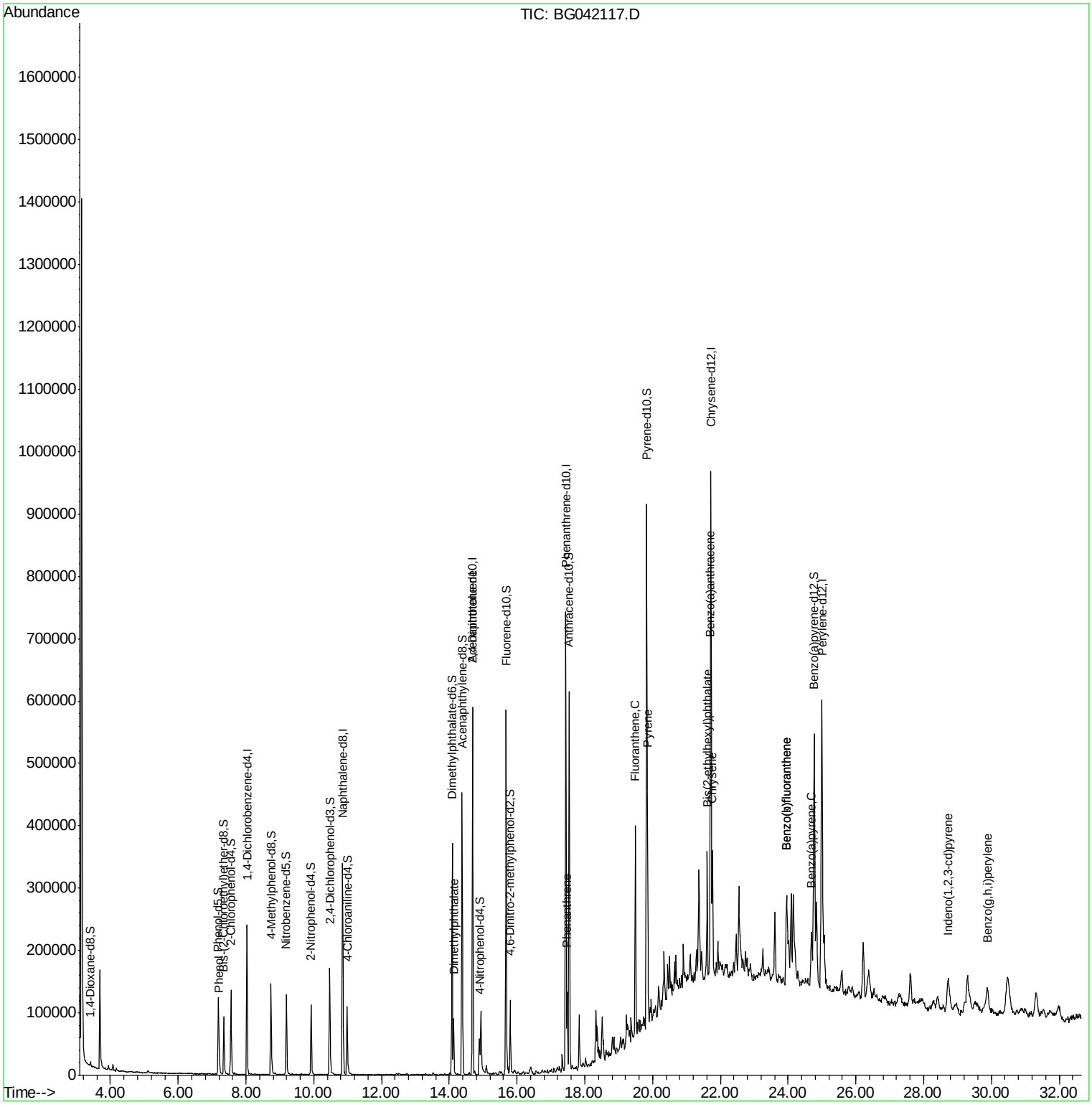
(#) = qualifier out of range (m) = manual integration (+) = signals summed

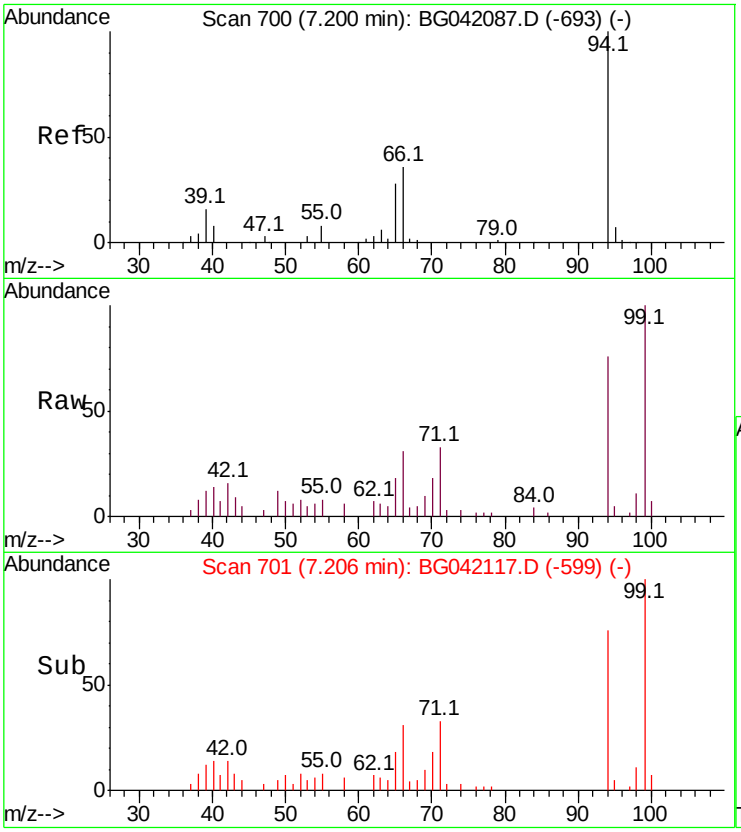
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042117.D
Acq On : 10 Aug 2019 00:40
Operator : HP/JU
Sample : K4041-13
Misc :
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**

Quant Time: Aug 10 02:32:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 16:22:05 2019
Response via : Initial Calibration



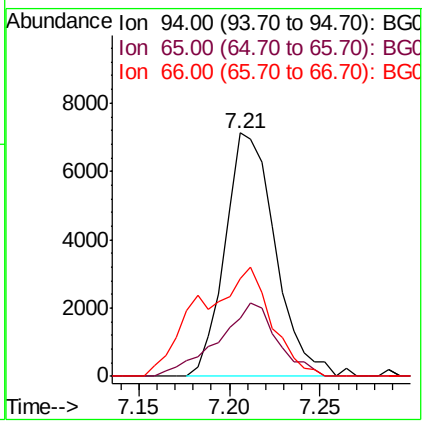


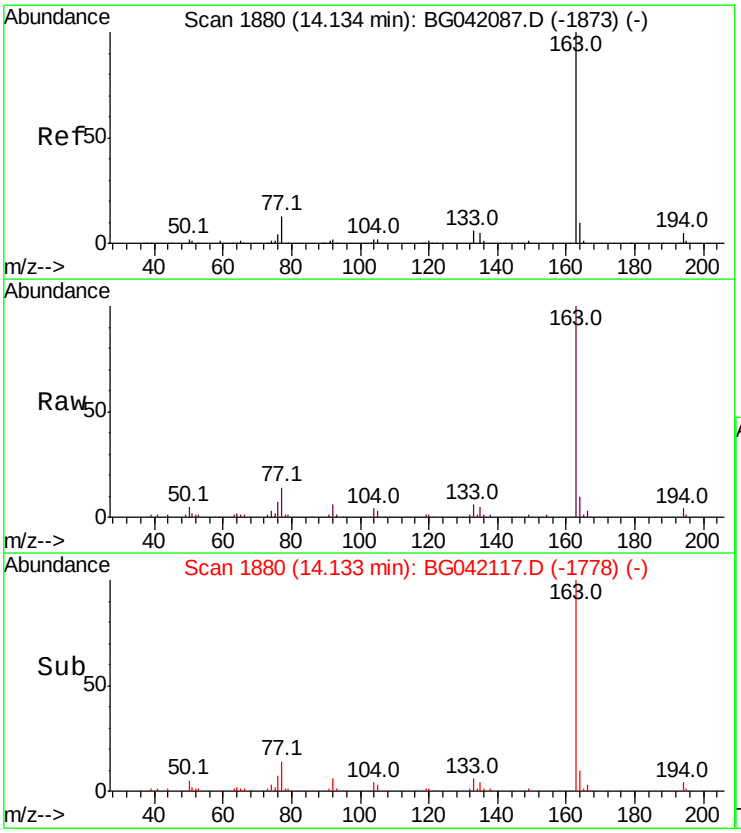

#6
Phenol
Concen: 2.103 ng/ul
RT: 7.21 min Scan# 701
Delta R.T. -0.00 min
Lab File: BG042117.D
Acq: 10 Aug 2019 00:40

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion: 94 Resp: 13684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 23.8 | 25.8 | 38.6# |
| 66 | 40.3 | 31.8 | 47.8 |

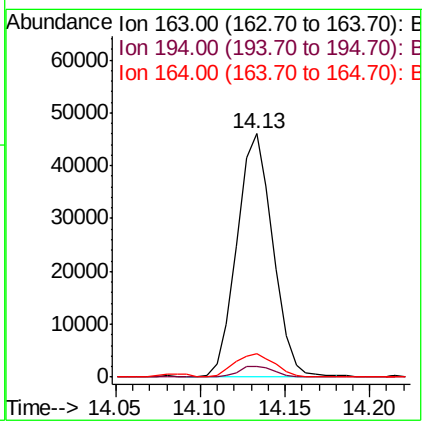


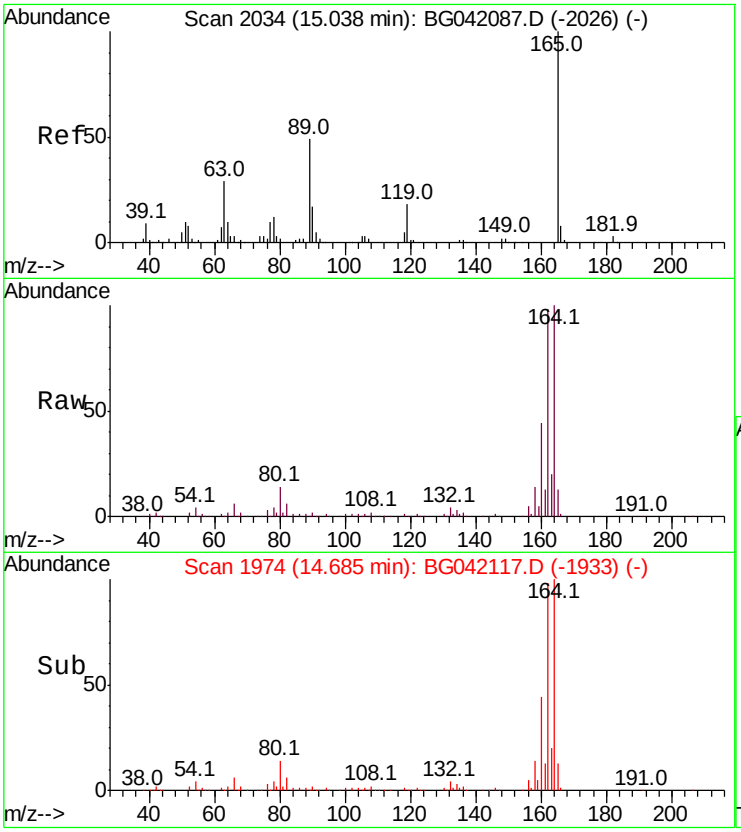




#44
Dimethylphthalate
Concen: 3.783 ng/ul
RT: 14.13 min Scan# 1880
Delta R.T. -0.00 min
Lab File: BG042117.D
Acq: 10 Aug 2019 00:40

Tgt Ion:163 Resp: 68517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.4 | 4.2 | 6.2 |
| 164 | 9.7 | 7.8 | 11.8 |



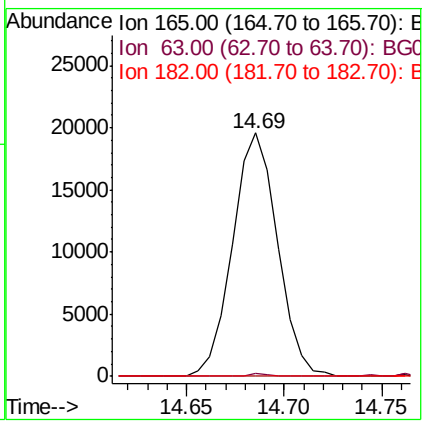


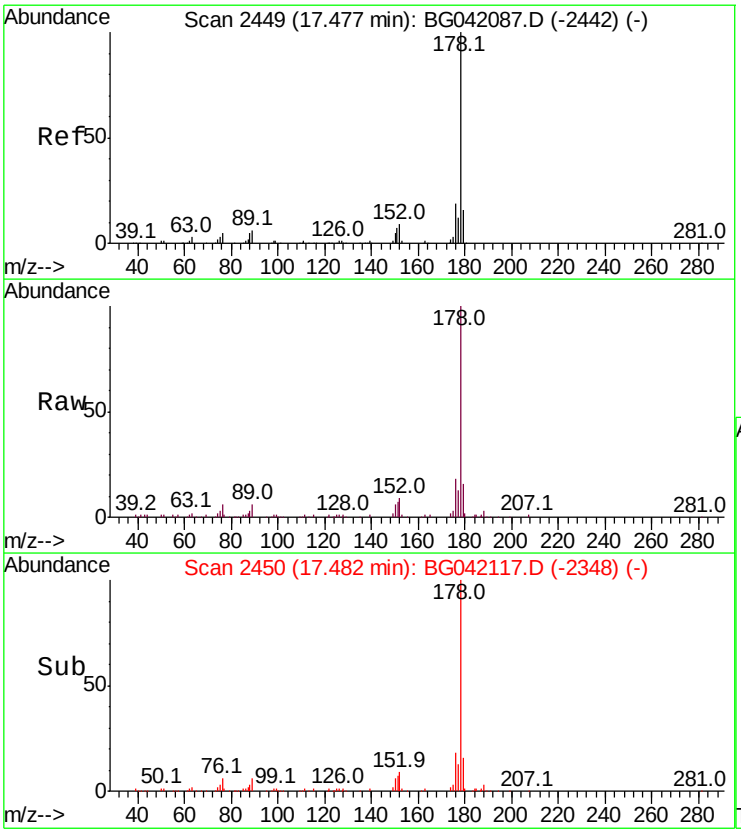

#54
2,4-Dinitrotoluene
Concen: 5.429 ng/ul
RT: 14.69 min Scan# 1974
Delta R.T. -0.36 min
Lab File: BG042117.D
Acq: 10 Aug 2019 00:40

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion:165 Resp: 31101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.4 | 29.4 | 44.2# |
| 182 | 0.0 | 2.6 | 4.0# |

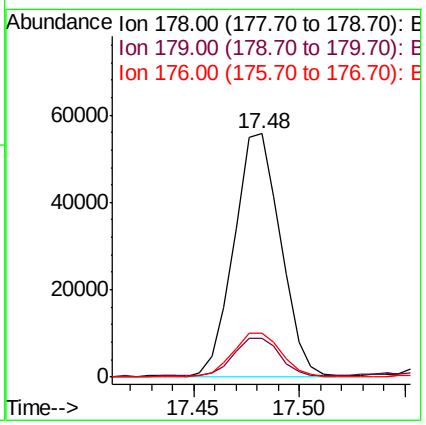


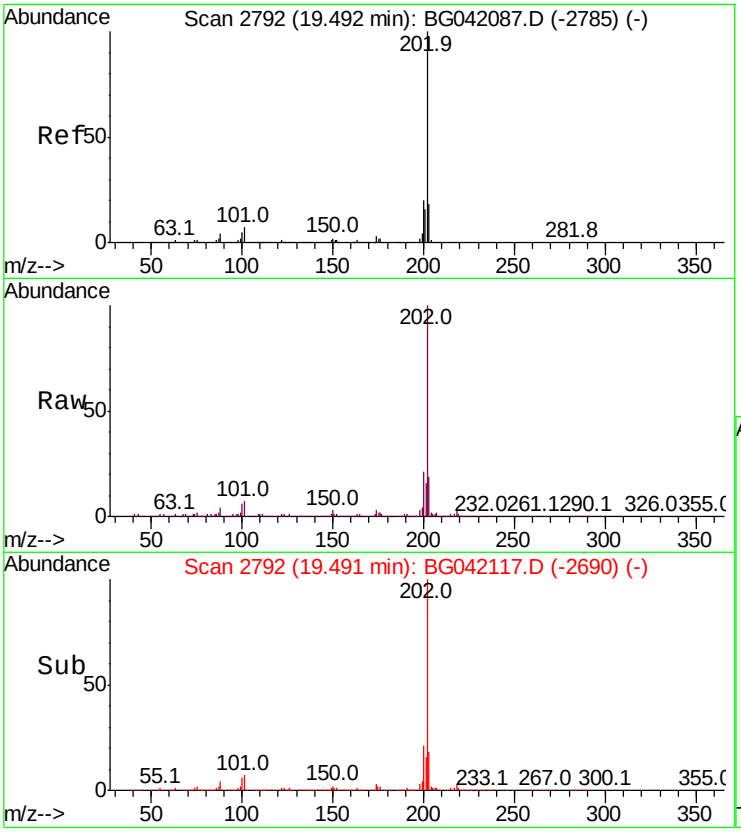




#69
Phenanthrene
Concen: 3.216 ng/ul
RT: 17.48 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG042117.D
Acq: 10 Aug 2019 00:40

Tgt Ion:178 Resp: 85715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 16.1 | 12.8 | 19.2 |
| 176 | 18.3 | 15.4 | 23.2 |



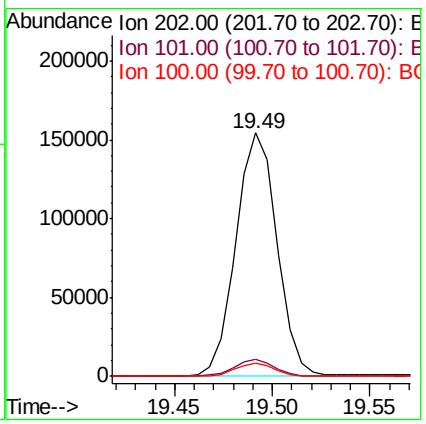


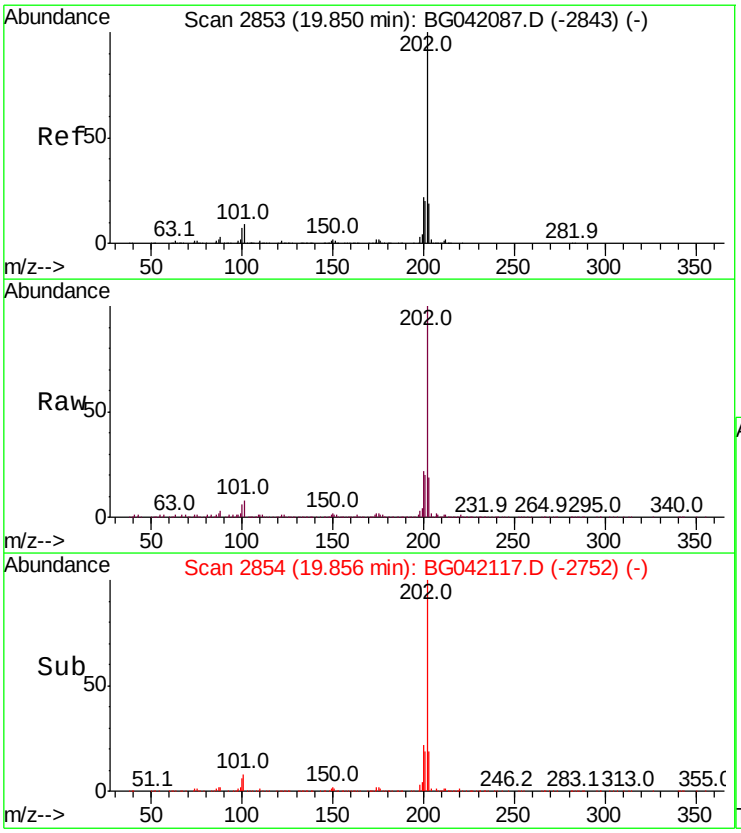

#76
Fluoranthene
Concen: 7.260 ng/ul
RT: 19.49 min Scan# 2792
Delta R.T. -0.00 min
Lab File: BG042117.D
Acq: 10 Aug 2019 00:40

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion:202 Resp: 223570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.9 | 6.7 | 10.1 |
| 100 | 5.6 | 5.3 | 7.9 |

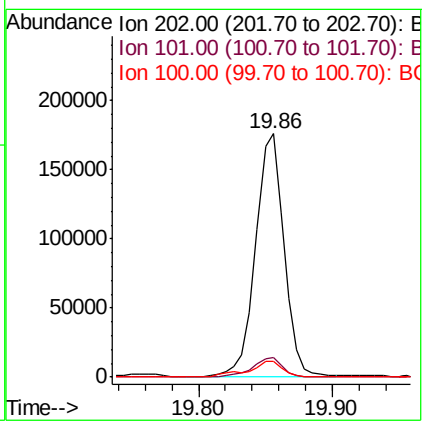


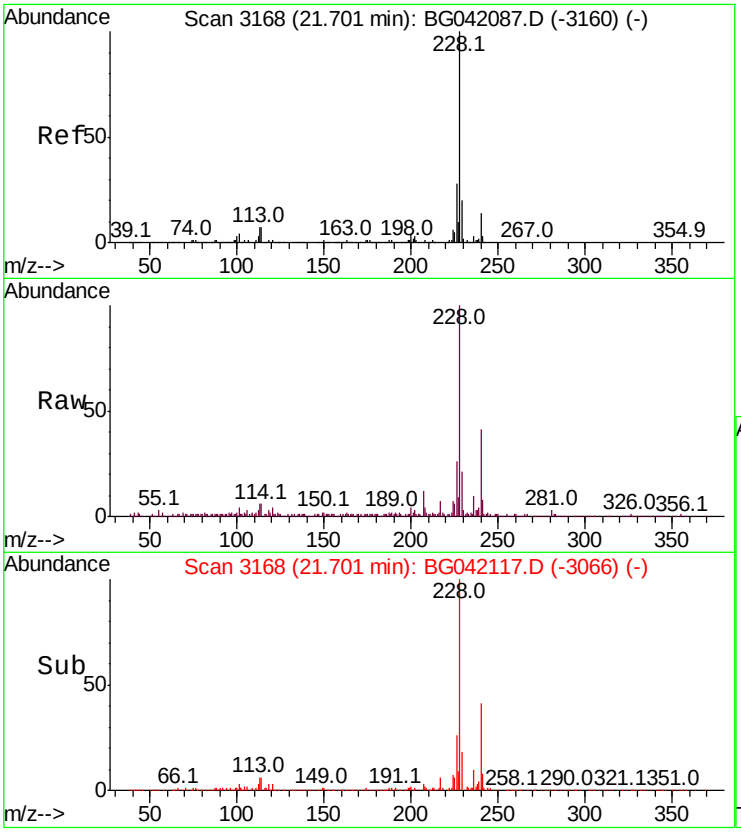




#79
Pyrene
Concen: 8.021 ng/ul
RT: 19.86 min Scan# 2854
Delta R.T. -0.00 min
Lab File: BG042117.D
Acq: 10 Aug 2019 00:40

Tgt Ion:202 Resp: 257467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 7.9 | 7.6 | 11.4 |
| 100 | 6.3 | 6.5 | 9.7# |



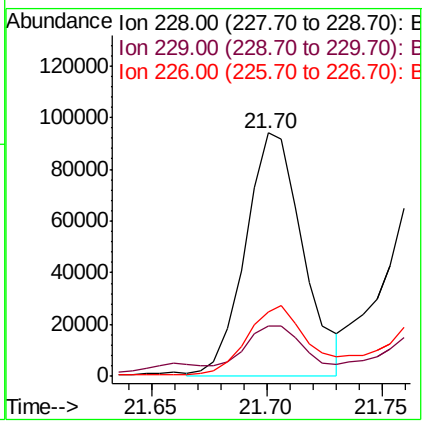


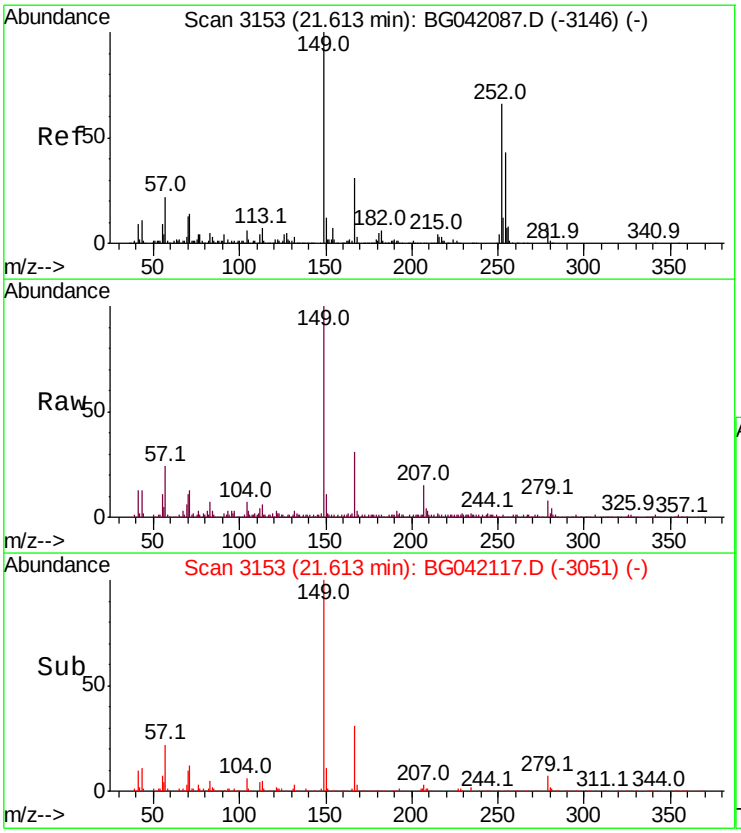

#82
Benzo(a)anthracene
Concen: 4.896 ng/ul
RT: 21.70 min Scan# 3168
Delta R.T. -0.00 min
Lab File: BG042117.D
Acq: 10 Aug 2019 00:40

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion:228 Resp: 162003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 20.7 | 17.0 | 25.6 |
| 226 | 26.3 | 23.3 | 34.9 |

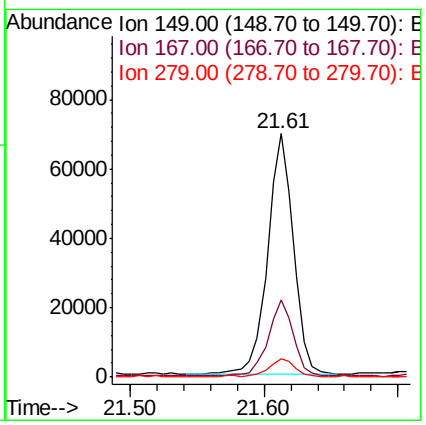


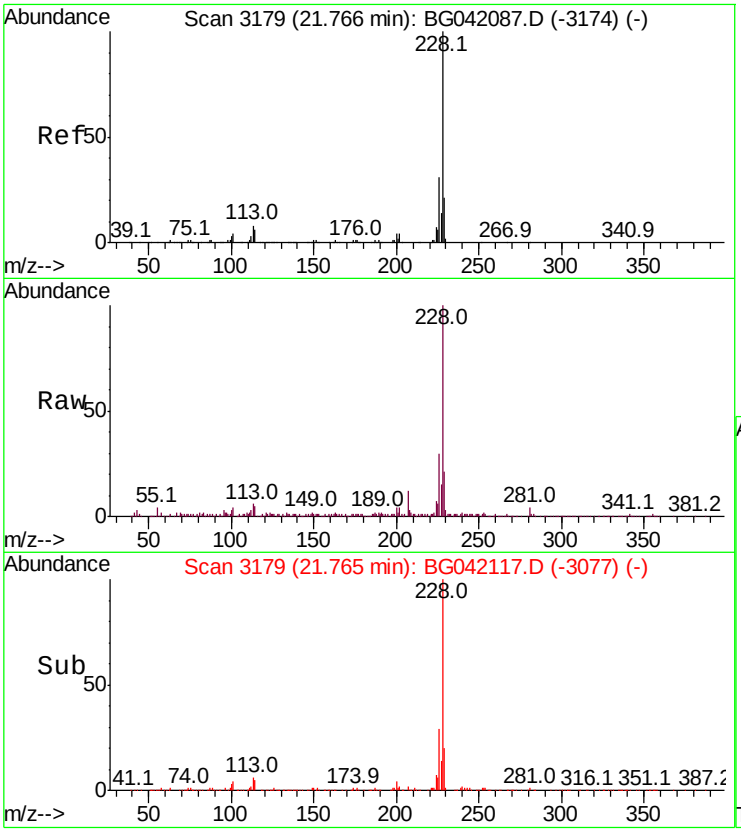




#83
Bis(2-ethylhexyl)phthalate
Concen: 5.398 ng/ul
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG042117.D
Acq: 10 Aug 2019 00:40

Tgt Ion:149 Resp: 93049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 31.5 | 25.0 | 37.4 |
| 279 | 7.6 | 5.2 | 7.8 |



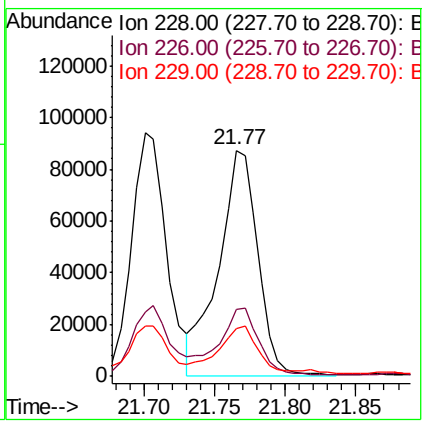


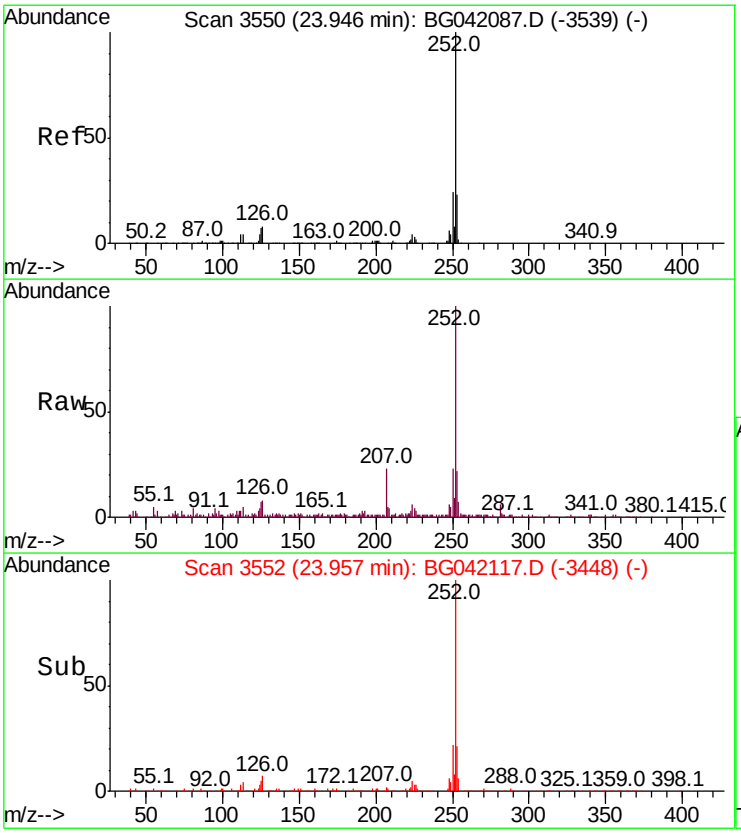

#84
Chrysene
Concen: 5.448 ng/ul
RT: 21.77 min Scan# 3179
Delta R.T. -0.00 min
Lab File: BG042117.D
Acq: 10 Aug 2019 00:40

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion:228 Resp: 168247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.9 | 25.7 | 38.5 |
| 229 | 21.1 | 16.6 | 24.8 |

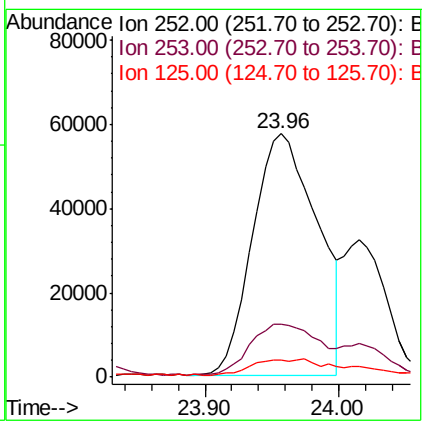


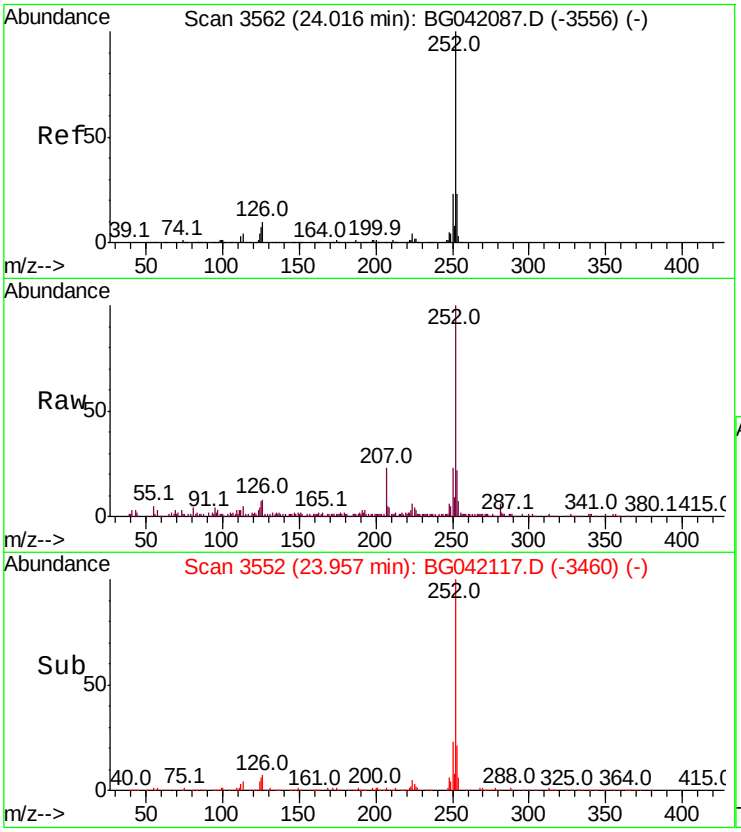




#87
Benzo(b)fluoranthene
Concen: 5.341 ng/ul
RT: 23.96 min Scan# 3552
Delta R.T. 0.01 min
Lab File: BG042117.D
Acq: 10 Aug 2019 00:40

Tgt Ion:252 Resp: 193195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 18.4 | 27.6 |
| 125 | 6.9 | 5.8 | 8.8 |



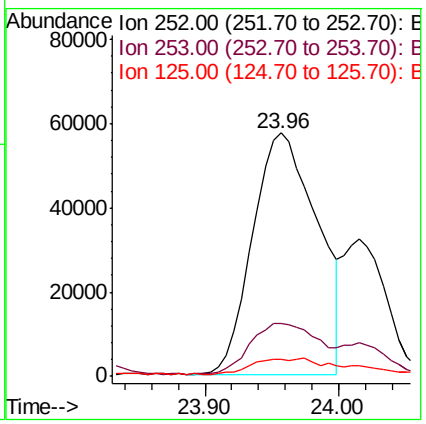


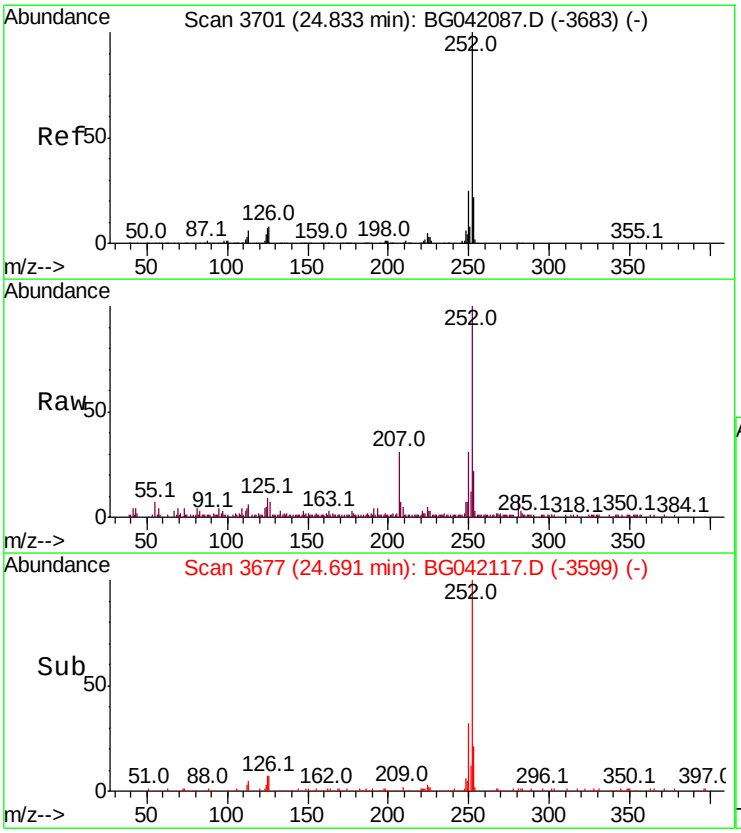

#88
Benzo(k)fluoranthene
Concen: 5.555 ng/ul
RT: 23.96 min Scan# 3552
Delta R.T. -0.06 min
Lab File: BG042117.D
Acq: 10 Aug 2019 00:40

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion:252 Resp: 193195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 18.3 | 27.5 |
| 125 | 6.9 | 5.5 | 8.3 |

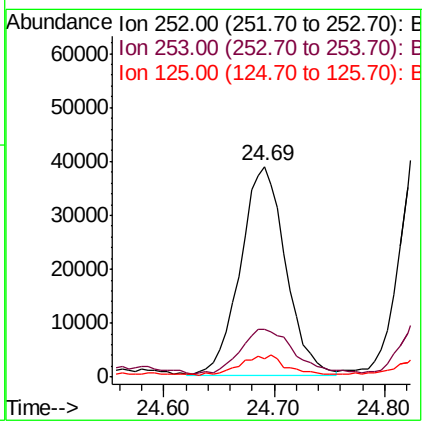


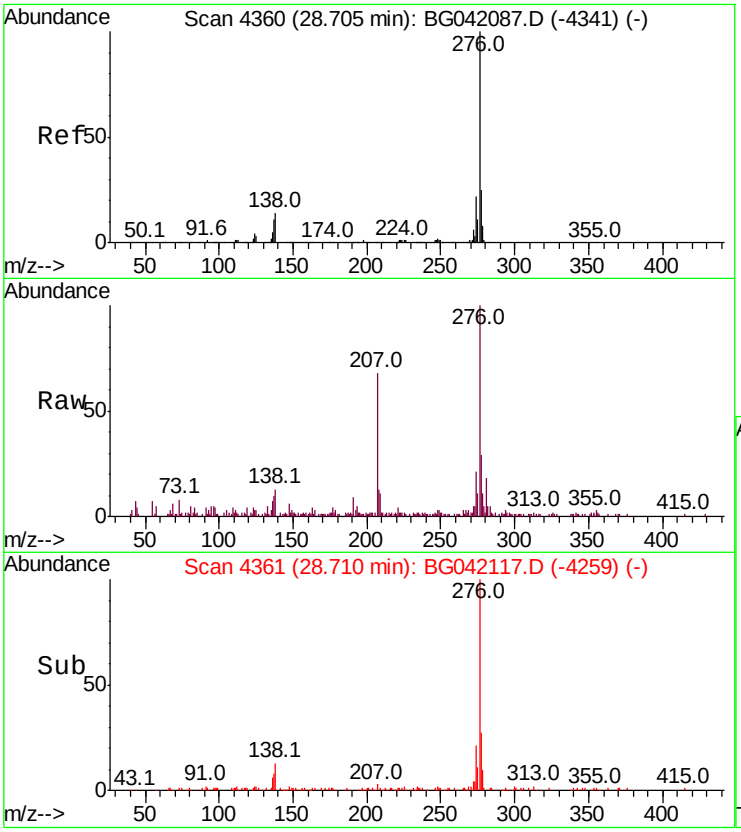




#90
Benzo(a)pyrene
Concen: 3.212 ng/ul
RT: 24.69 min Scan# 3677
Delta R.T. -0.14 min
Lab File: BG042117.D
Acq: 10 Aug 2019 00:40

Tgt Ion:252 Resp: 110717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 18.3 | 27.5 |
| 125 | 8.8 | 6.5 | 9.7 |



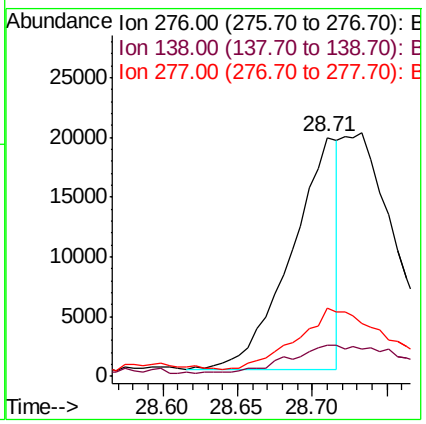


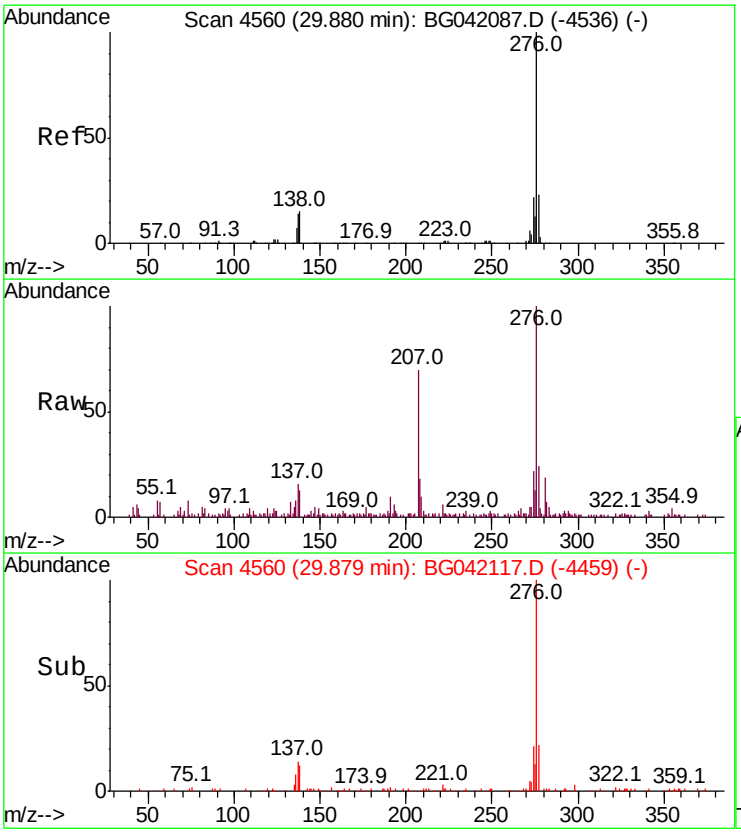

#91
Indeno(1,2,3-cd)pyrene
Concen: 1.048 ng/ul
RT: 28.71 min Scan# 4361
Delta R.T. -0.00 min
Lab File: BG042117.D
Acq: 10 Aug 2019 00:40

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion:276 Resp: 42118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 12.8 | 12.0 | 18.0 |
| 277 | 28.6 | 19.2 | 28.8 |




#93
Benzo(g,h,i)perylene
Concen: 2.779 ng/ul
RT: 29.88 min Scan# 4560
Delta R.T. -0.01 min
Lab File: BG042117.D
Acq: 10 Aug 2019 00:40

Tgt Ion:276 Resp: 93301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 13.1 | 12.6 | 18.8 |
| 277 | 23.8 | 19.2 | 28.8 |