Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046912.D
Acq On : 15 Oct 2020 3:54
Operator : CG/JU
Sample : L4259-08DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C5CF7DL

Quant Time: Oct 15 04:41:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 15 00:34:52 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.10 | 152 | 64420 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.91 | 136 | 255789 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.72 | 164 | 193179 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.47 | 188 | 473271 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.74 | 240 | 527025 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 25.00 | 264 | 528063 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.52 | 96 | 199 | 0.15 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.25 | 99 | 4087 | 0.74 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.42 | 67 | 9993 | 2.97 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.62 | 132 | 10861 | 2.70 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.79 | 113 | 7221 | 1.67 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.26 | 128 | 6253 | 3.27 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.98 | 143 | 7029 | 3.61 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.52 | 165 | 14341 | 3.13 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.02 | 131 | 3597 | 0.66 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.12 | 166 | 58364 | 3.95 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.41 | 160 | 65952 | 3.76 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.91 | 143 | 2027 | 0.81 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.71 | 176 | 50910 | 3.74 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.83 | 200 | 58214 | 24.62 | ng/ul | 0.01 |
| 71) Anthracene-d10 | 17.56 | 188 | 87976 | 4.05 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.84 | 212 | 103641 | 3.79 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.77 | 264 | 103143 | 3.62 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 14) Acetophenone | 8.90 | 105 | 8698 | 1.244 | ng/ul# | 38 |
| 17) Hexachloroethane | 9.21 | 117 | 5528 | 2.900 | ng/ul# | 1 |
| 35) 1-Methylnaphthalene | 12.78 | 142 | 106635 | 10.628 | ng/uL | 99 |
| 40) 2,4,5-Trichlorophenol | 13.22 | 196 | 28901 | 6.507 | ng/ul | 95 |
| 56) 2,3,4,6-Tetrachlorophenol | 15.34 | 232 | 81806 | 19.768 | ng/ul# | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 15.83 | 198 | 153856 | 59.255 | ng/ul# | 64 |
| 69) Pentachlorophenol | 17.13 | 266 | 1716236 | 460.815 | ng/ul | 90 |
| 70) Phenanthrene | 17.51 | 178 | 31020 | 1.199 | ng/ul# | 92 |

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

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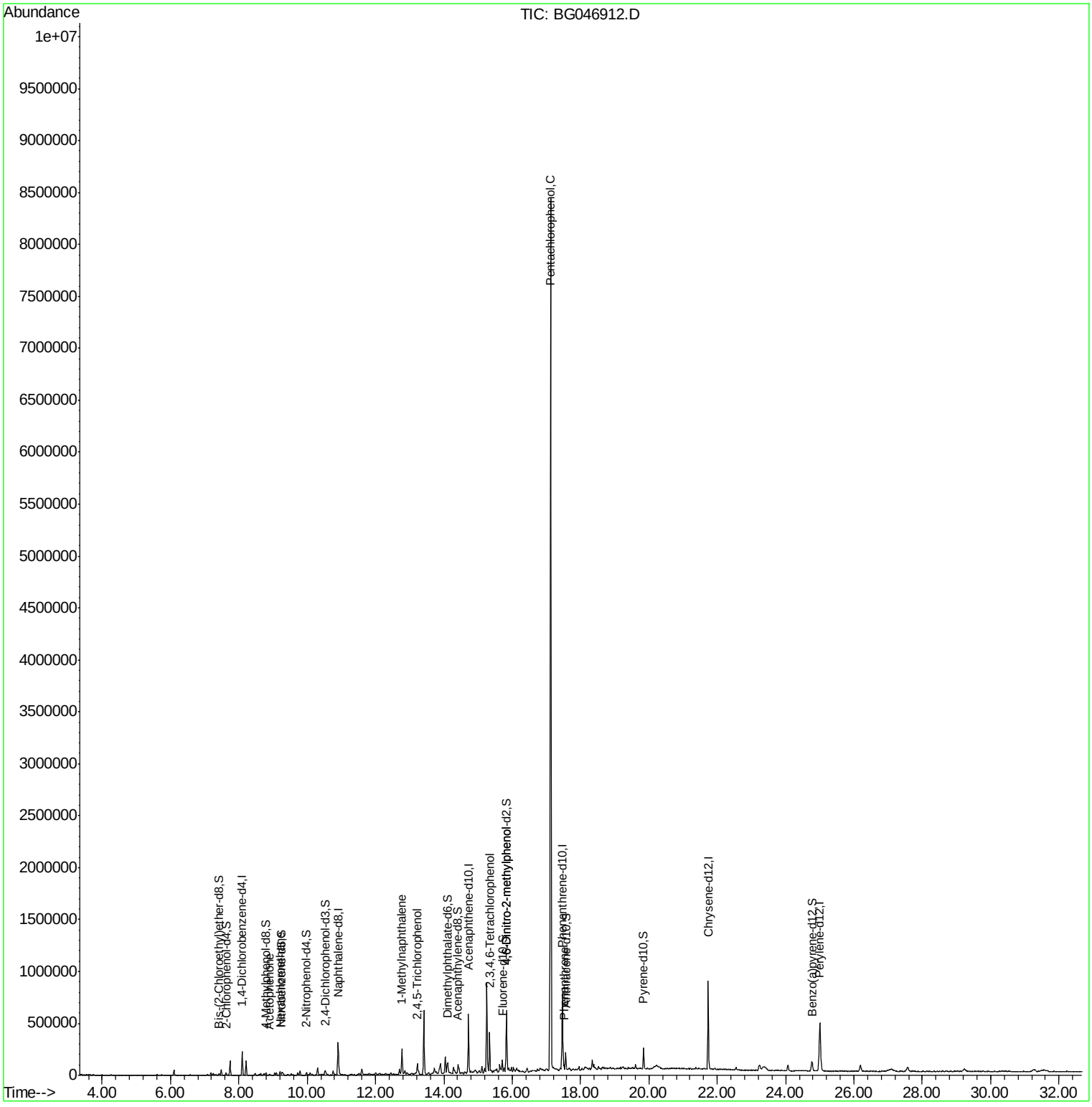
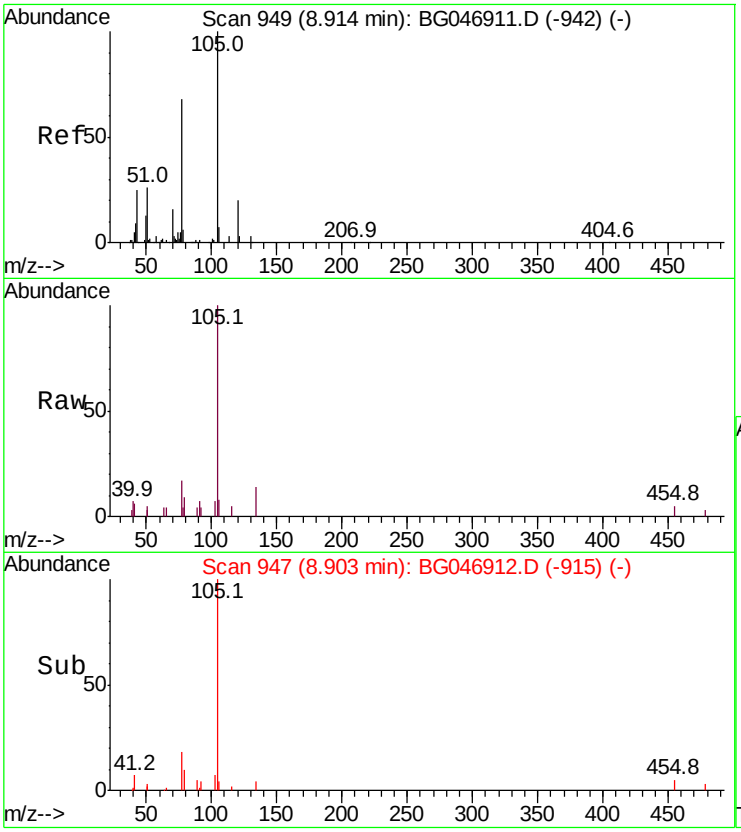
Operator : CG/JU
Sample : L4259-08DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C5CF7DL

Quant Time: Oct 15 04:41:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 15 00:34:52 2020
Response via : Initial Calibration



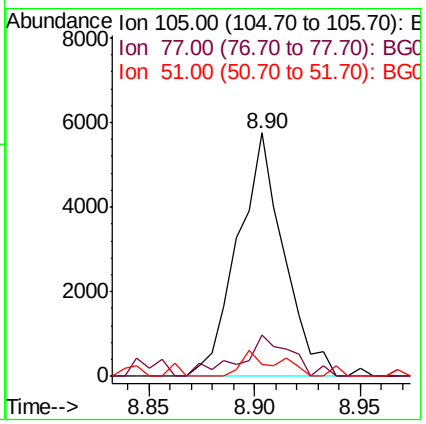


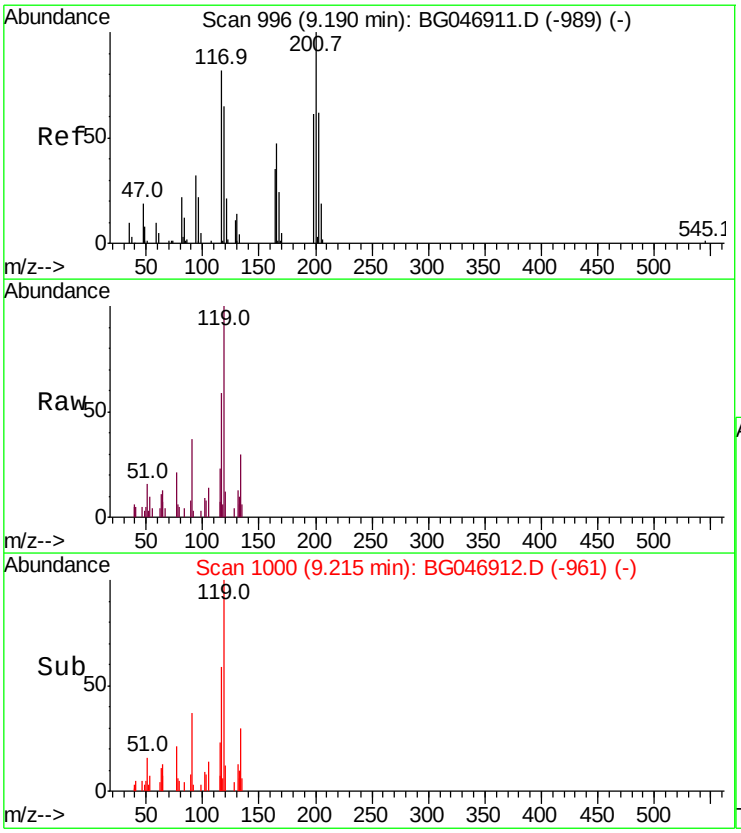

#14
Acetophenone
Concen: 1.244 ng/ul
RT: 8.90 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG046912.D
Acq: 15 Oct 2020 3:54

**Instrument :**
BNA_G
**ClientSampleId :**
C5CF7DL

Tgt Ion:105 Resp: 8698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 77 | 17.1 | 60.4 | 90.6# |
| 51 | 5.1 | 24.1 | 36.1# |

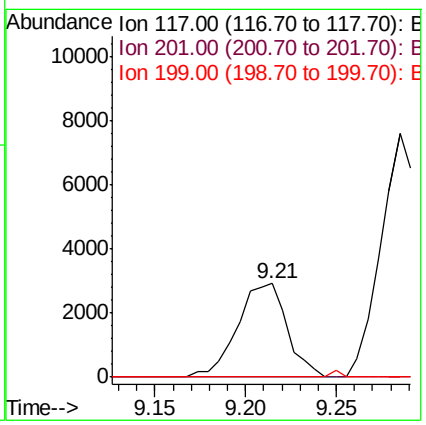


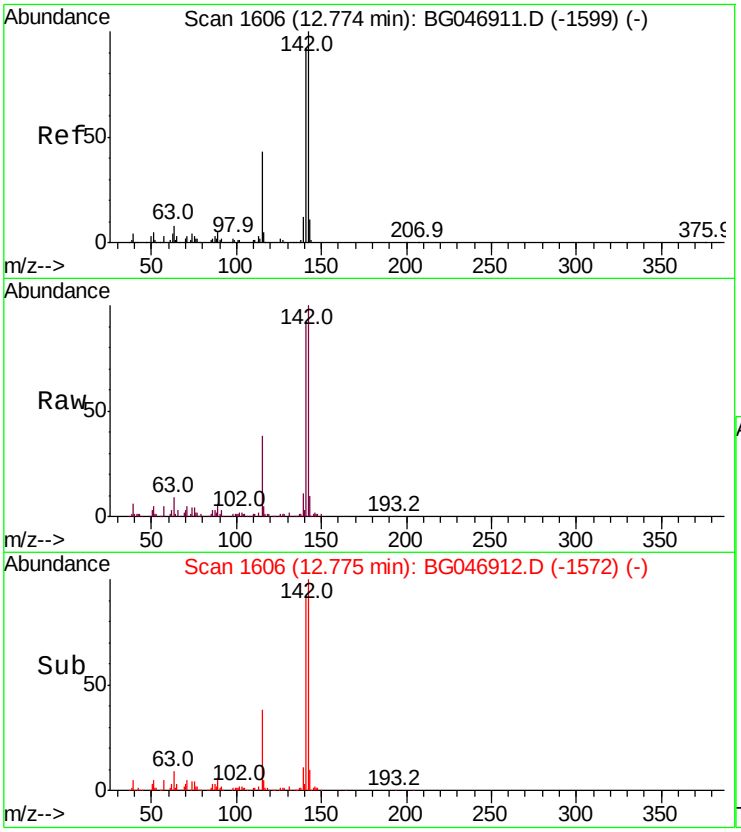




#17
Hexachloroethane
Concen: 2.900 ng/ul
RT: 9.21 min Scan# 1000
Delta R.T. 0.03 min
Lab File: BG046912.D
Acq: 15 Oct 2020 3:54

Tgt Ion:117 Resp: 5528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 0.0 | 97.0 | 145.4# |
| 199 | 0.0 | 56.9 | 85.3# |



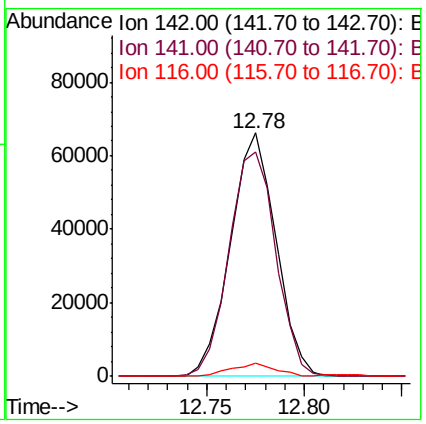


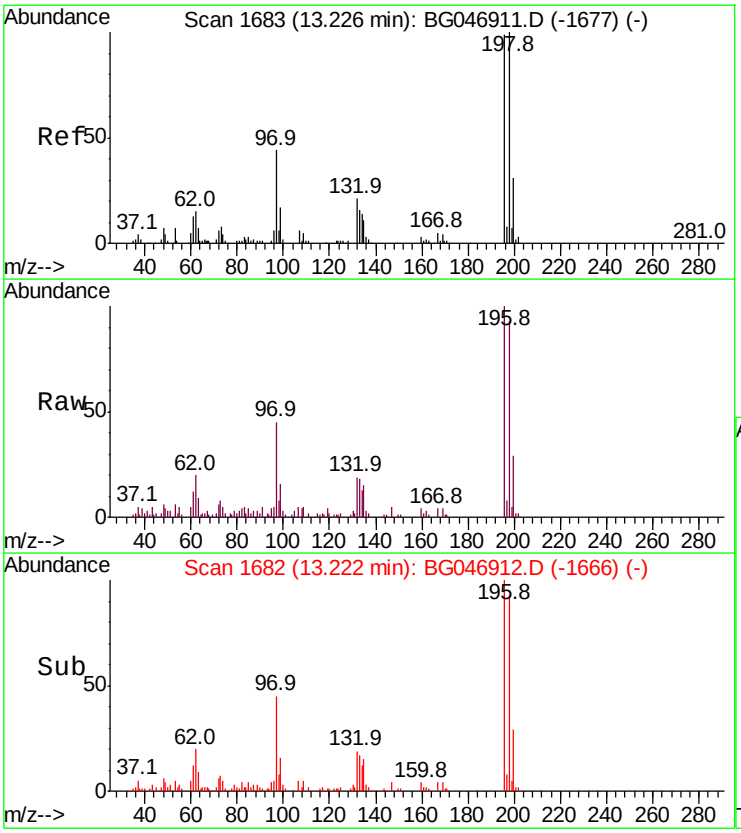

#35
1-Methylnaphthalene
Concen: 10.628 ng/uL
RT: 12.78 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BG046912.D
Acq: 15 Oct 2020 3:54

**Instrument :**
BNA_G
**ClientSampleId :**
C5CF7DL

Tgt Ion:142 Resp: 106635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 95.3 | 77.3 | 115.9 |
| 116 | 5.2 | 3.9 | 5.9 |

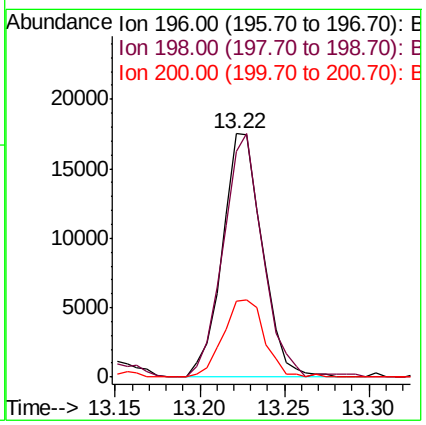


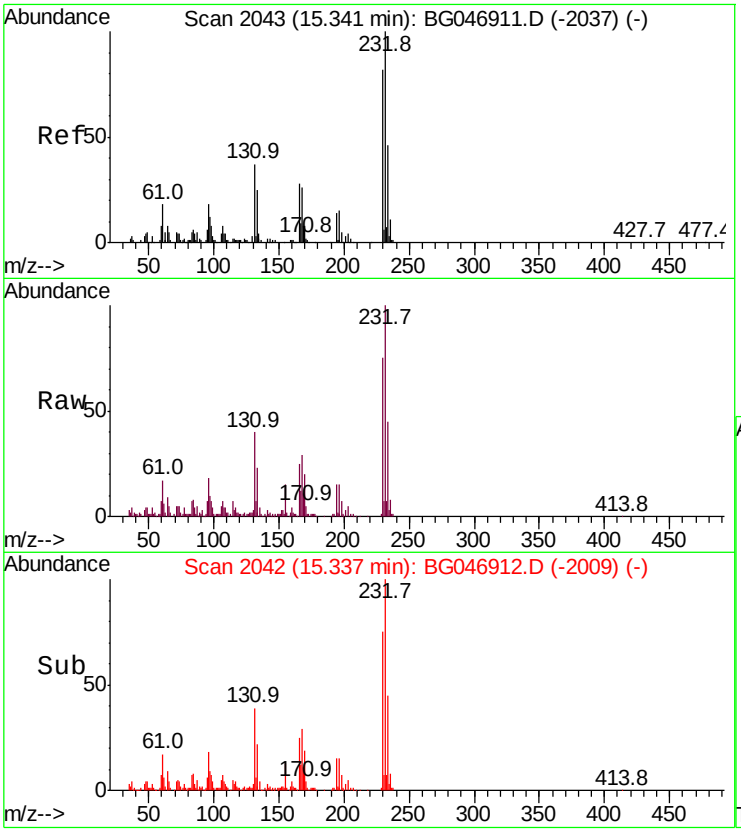




#40
2,4,5-Trichlorophenol
Concen: 6.507 ng/ul
RT: 13.22 min Scan# 1682
Delta R.T. -0.00 min
Lab File: BG046912.D
Acq: 15 Oct 2020 3:54

Tgt Ion:196 Resp: 28901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 92.8 | 77.8 | 116.8 |
| 200 | 31.3 | 28.2 | 42.4 |



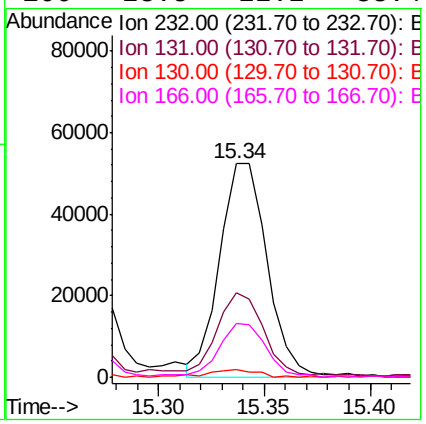


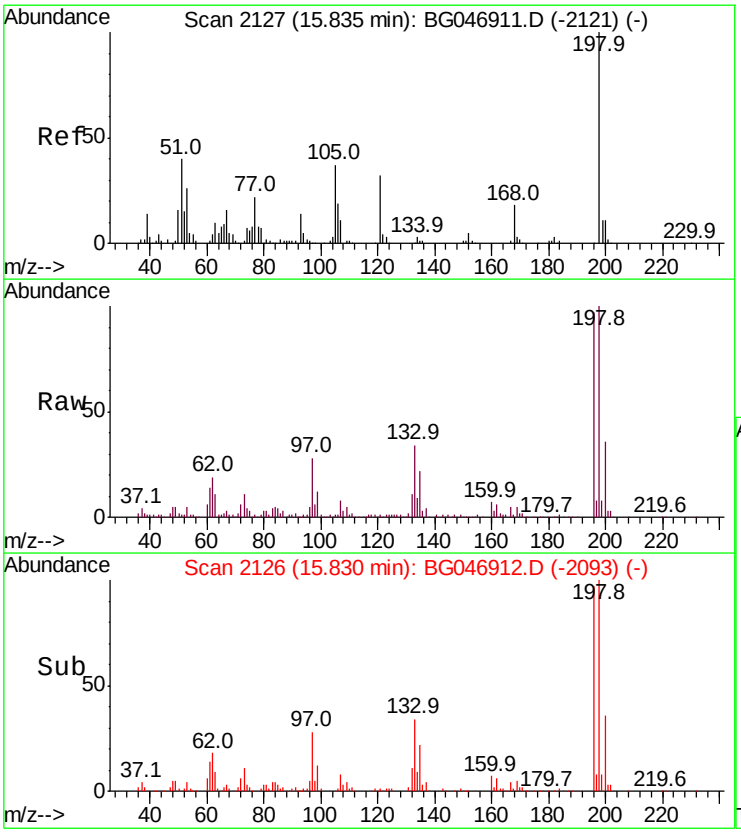

#56
2,3,4,6-Tetrachlorophenol
Concen: 19.768 ng/ul
RT: 15.34 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BG046912.D
Acq: 15 Oct 2020 3:54

**Instrument :**
BNA_G
**ClientSampleId :**
C5CF7DL

Tgt Ion:232 Resp: 81806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 37.4 | 30.2 | 45.2 |
| 130 | 3.3 | 1.4 | 2.2# |
| 166 | 23.5 | 22.2 | 33.4 |

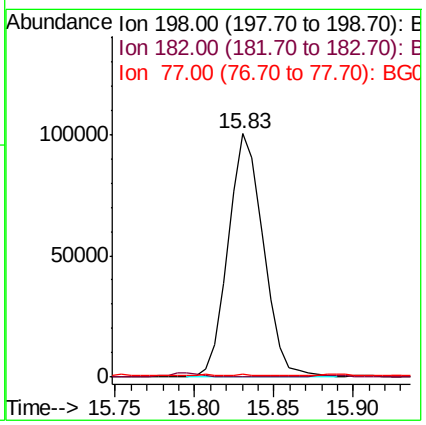


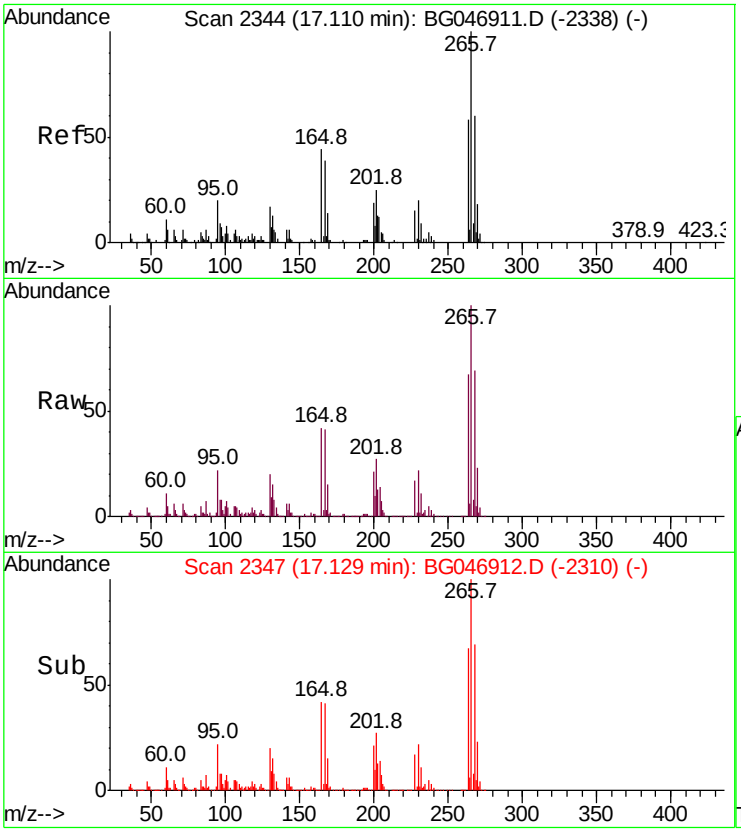




#64
4,6-Dinitro-2-methylphenol
Concen: 59.255 ng/ul
RT: 15.83 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BG046912.D
Acq: 15 Oct 2020 3:54

Tgt Ion:198 Resp: 153856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 182 | 0.2 | 3.4 | 5.2# |
| 77 | 1.2 | 16.3 | 24.5# |



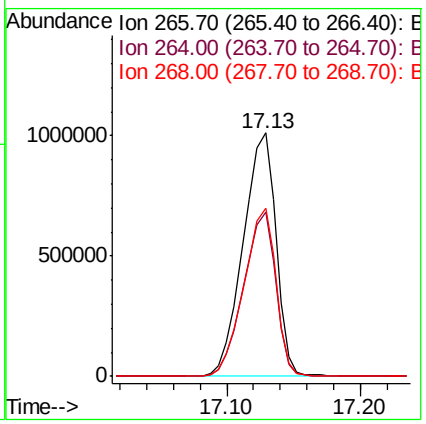


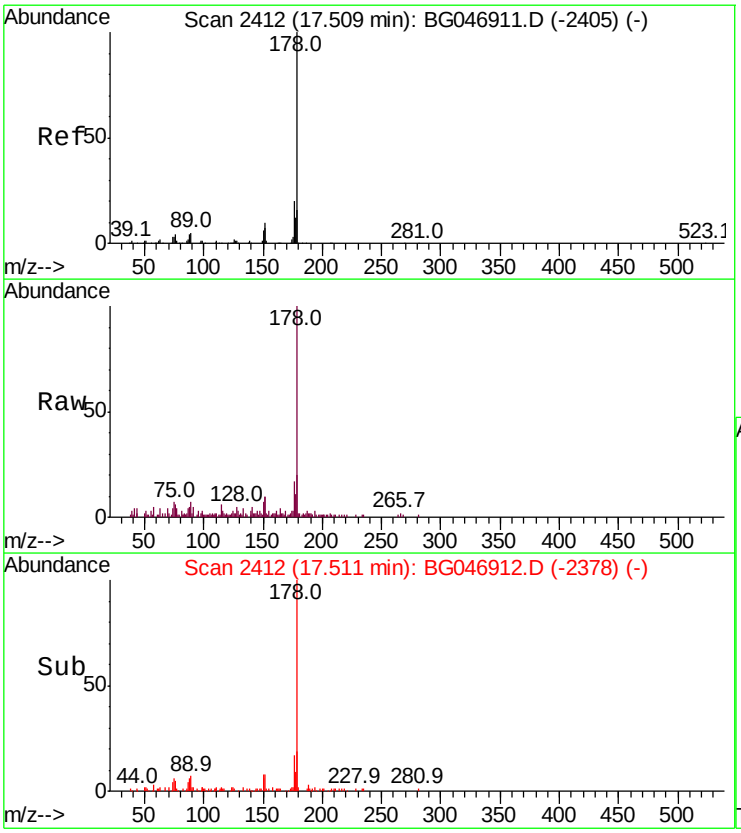

#69
Pentachlorophenol
Concen: 460.815 ng/ul
RT: 17.13 min Scan# 2347
Delta R.T. 0.02 min
Lab File: BG046912.D
Acq: 15 Oct 2020 3:54

**Instrument :**
BNA_G
**ClientSampleId :**
C5CF7DL

Tgt Ion:266 Resp: 1716236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 73.4 | 51.3 | 76.9 |
| 268 | 74.1 | 54.3 | 81.5 |




#70
Phenanthrene
Concen: 1.199 ng/ul
RT: 17.51 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG046912.D
Acq: 15 Oct 2020 3:54

Tgt Ion:178 Resp: 31020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 20.4 | 12.6 | 18.8# |
| 176 | 16.6 | 15.4 | 23.2 |