Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110818\
Data File : BG037913.D
Acq On : 9 Nov 2018 10:09
Operator : JU/SJ
Sample : J5851-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Nov 09 14:45:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

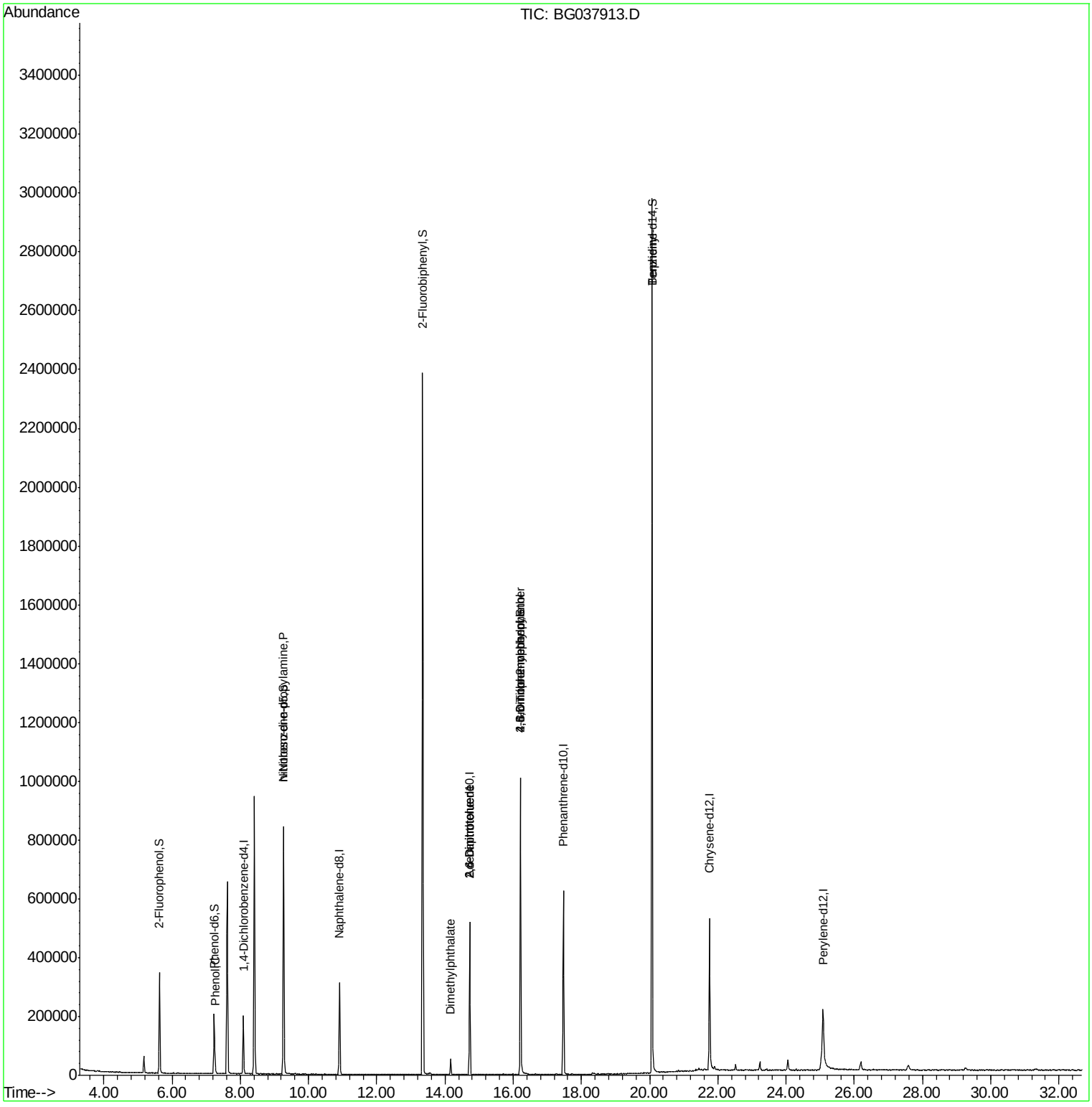
| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.09 | 152 | 61033 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 10.91 | 136 | 286576 | 20.00 | ng | | -0.02 |
| 39) Acenaphthene-d10 | 14.72 | 164 | 186167 | 20.00 | ng | | -0.02 |
| 64) Phenanthrene-d10 | 17.47 | 188 | 410142 | 20.00 | ng | | -0.01 |
| 76) Chrysene-d12 | 21.76 | 240 | 361158 | 20.00 | ng | | -0.02 |
| 87) Perylene-d12 | 25.08 | 264 | 307164 | 20.00 | ng | | -0.03 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.63 | 112 | 159163 | 43.60 | ng | | -0.01 |
| 7) Phenol-d6 | 7.23 | 99 | 137185 | 24.85 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 9.27 | 82 | 537881 | 105.14 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 16.21 | 330 | 194857 | 95.96 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 13.35 | 172 | 1296306 | 105.00 | ng | | -0.02 |
| 79) Terphenyl-d14 | 20.07 | 244 | 1499696 | 88.73 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 7.26 | 94 | 24425 | 4.194 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 9.27 | 70 | 67842 | 17.847 | ng | # | 71 |
| 50) Dimethylphthalate | 14.17 | 163 | 39638 | 2.752 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.73 | 165 | 24175 | 7.588 | ng | # | 26 |
| 57) 2,4-Dinitrotoluene | 14.73 | 165 | 24175 | 5.780 | ng | # | 25 |
| 65) 4,6-Dinitro-2-methylphenol | 16.21 | 198 | 644 | 8.754 | ng | | 84 |
| 67) 4-Bromophenyl-phenylether | 16.21 | 248 | 13880 | 3.082 | ng | # | 1 |
| 77) Benzidine | 20.07 | 184 | 25786 | 2.100 | ng | # | 93 |

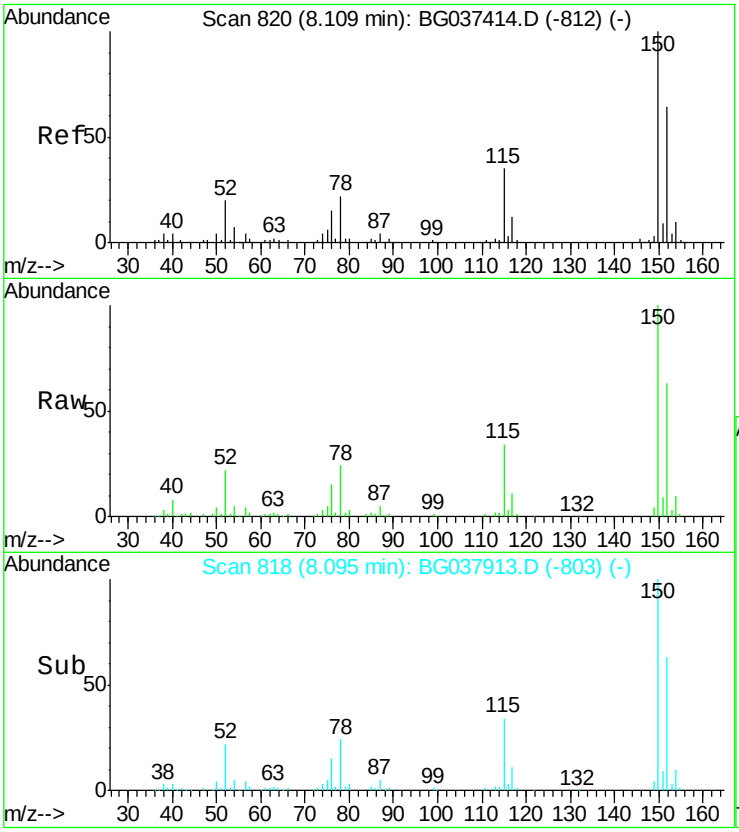
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110818\
Data File : BG037913.D
Acq On : 9 Nov 2018 10:09
Operator : JU/SJ
Sample : J5851-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Nov 09 14:45:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

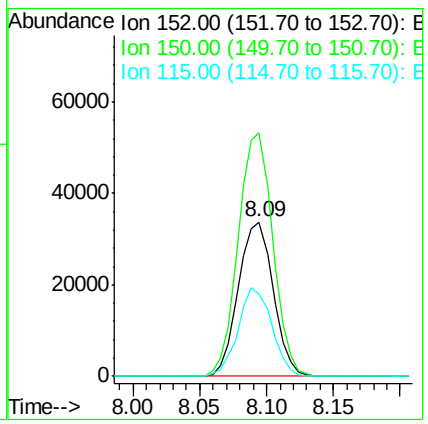


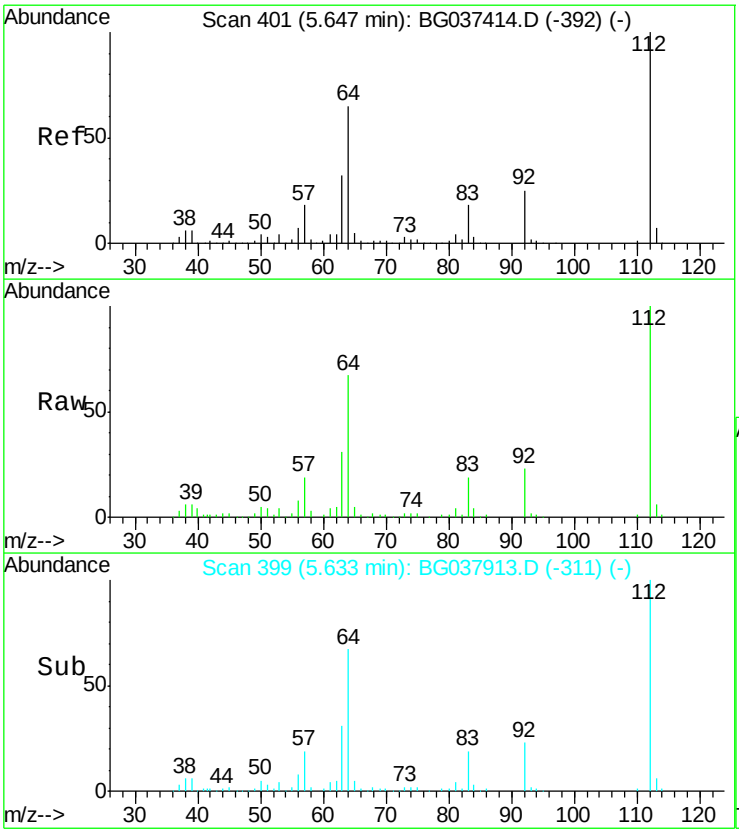



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

Tgt Ion:152 Resp: 61033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.6 | 126.0 | 189.0 |
| 115 | 53.1 | 45.5 | 68.3 |

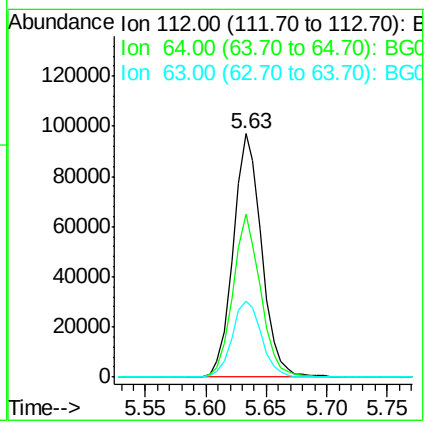


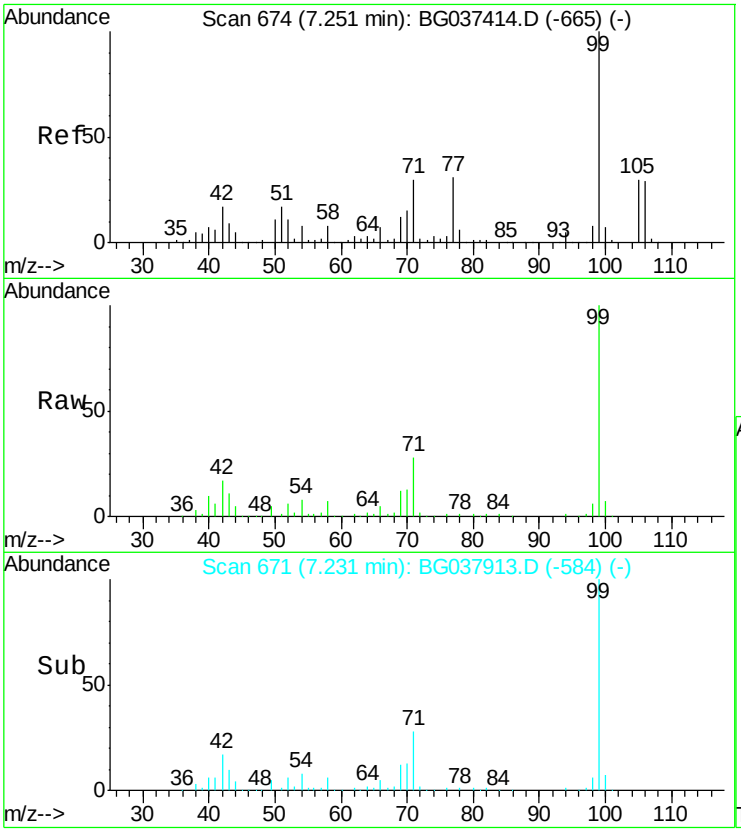




#5
2-Fluorophenol
Concen: 43.599 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

Tgt Ion:112 Resp: 159163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 67.1 | 53.1 | 79.7 |
| 63 | 31.3 | 27.3 | 40.9 |

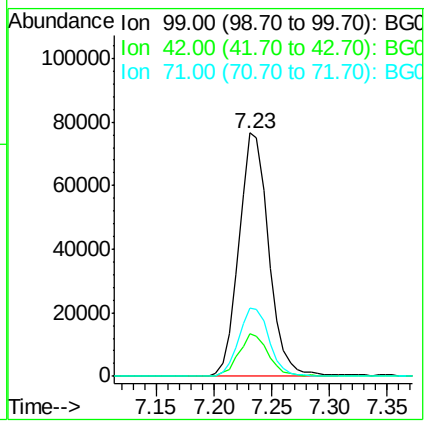


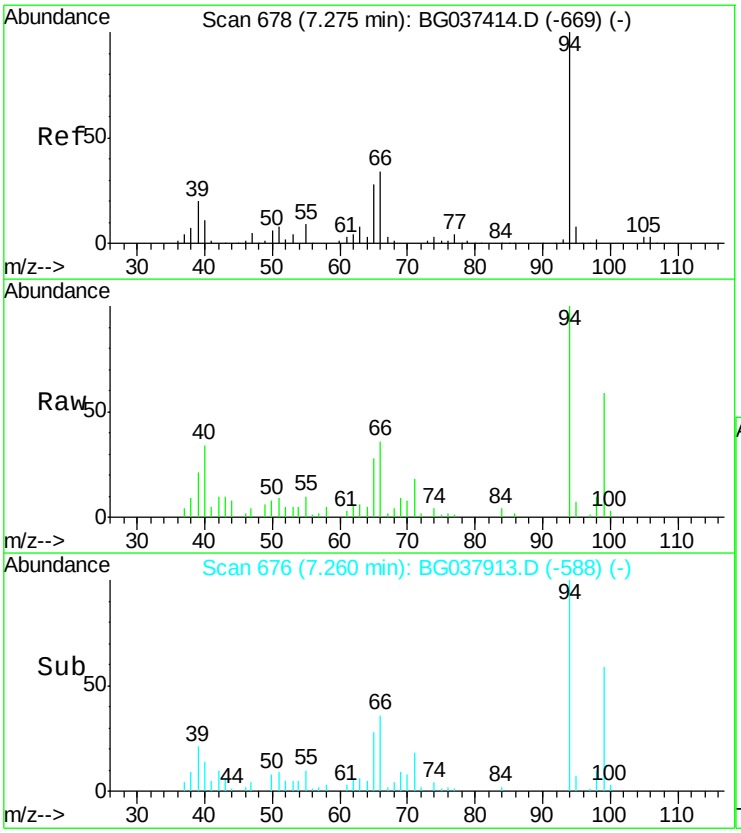



#7
Phenol-d6
Concen: 24.851 ng
RT: 7.23 min Scan# 671
Delta R.T. -0.02 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

Tgt Ion: 99 Resp: 137185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.3 | 15.0 | 22.4 |
| 71 | 28.0 | 25.5 | 38.3 |

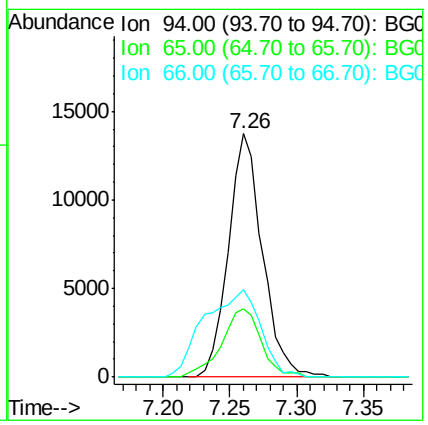


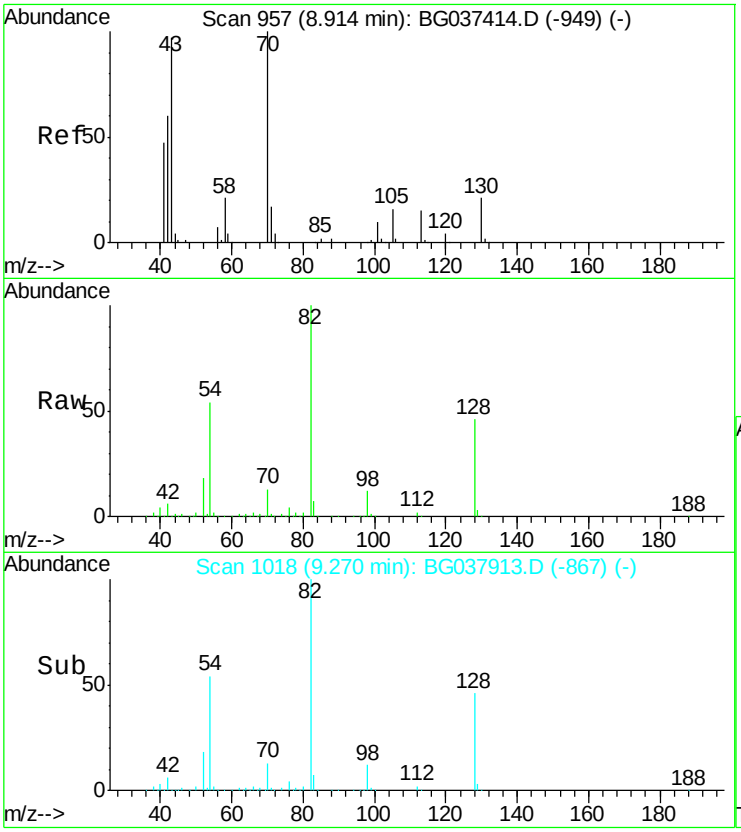




#10
Phenol
Concen: 4.194 ng
RT: 7.26 min Scan# 676
Delta R.T. -0.01 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

Tgt Ion: 94 Resp: 24425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 28.1 | 9.7 | 49.7 |
| 66 | 36.1 | 15.9 | 55.9 |

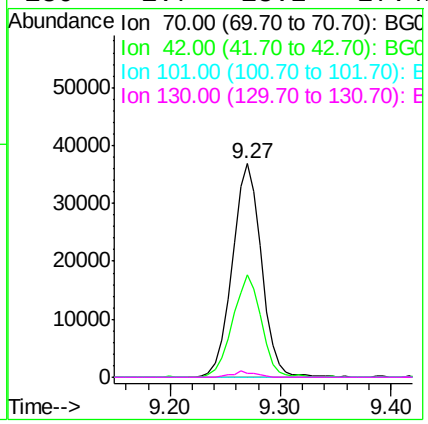


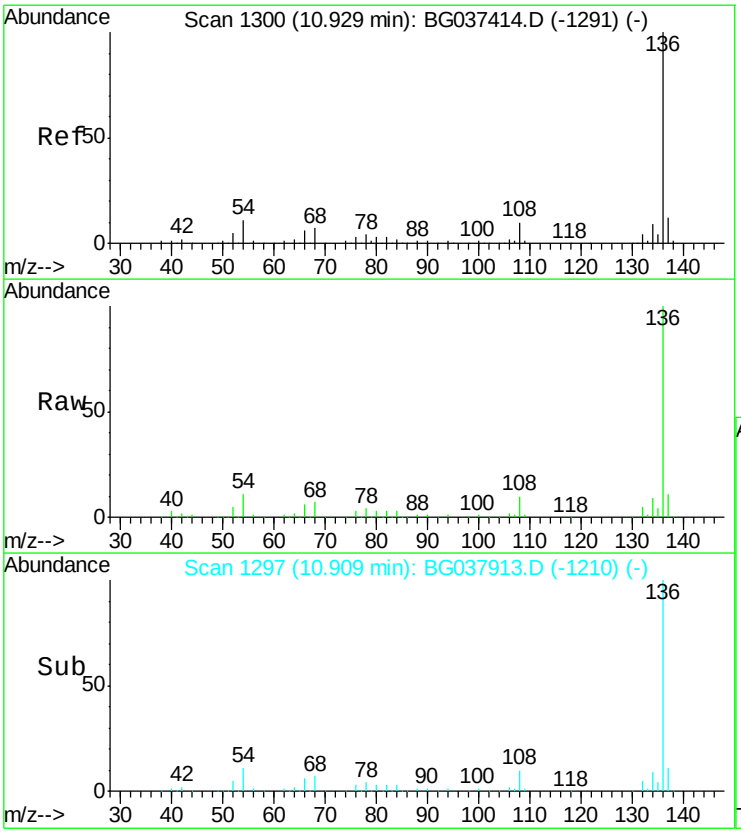



#19
n-Nitroso-di-n-propylamine
Concen: 17.847 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.36 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

Tgt Ion: 70 Resp: 67842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 48.1 | 53.9 | 80.9# |
| 101 | 0.0 | 8.2 | 12.2# |
| 130 | 1.7 | 18.2 | 27.4# |

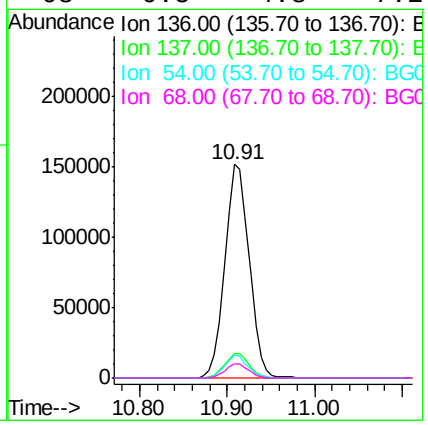


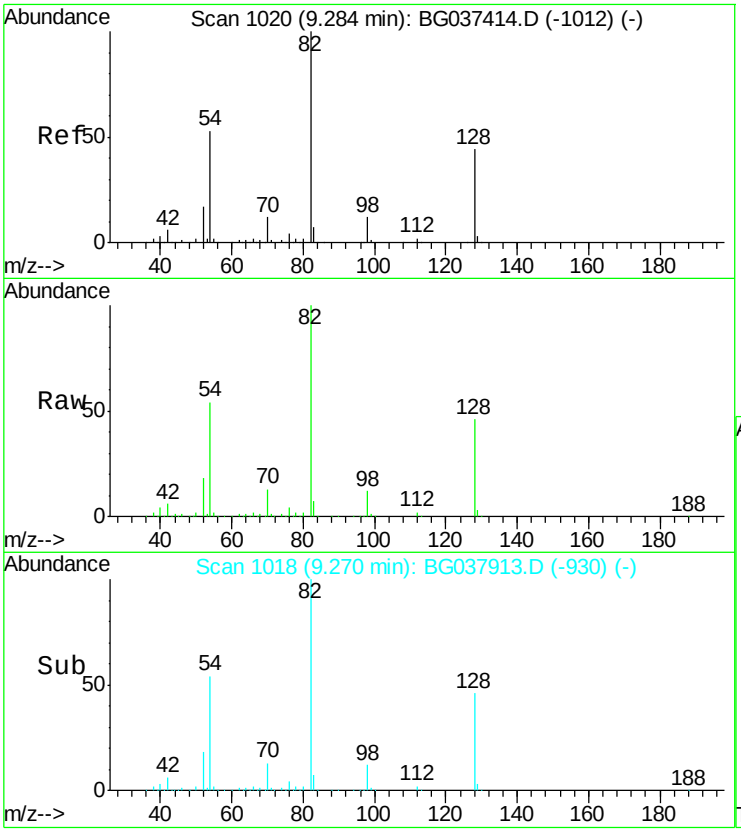




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

Tgt Ion:136 Resp: 286576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 9.6 | 14.4 |
| 54 | 10.7 | 7.9 | 11.9 |
| 68 | 6.5 | 4.8 | 7.2 |

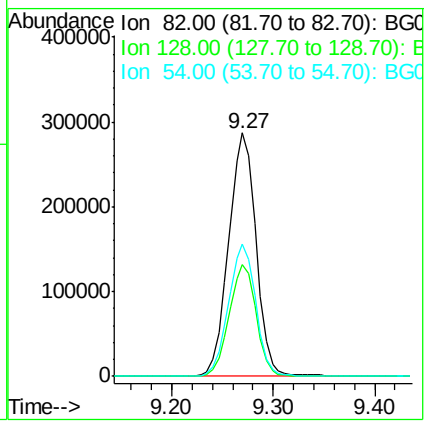


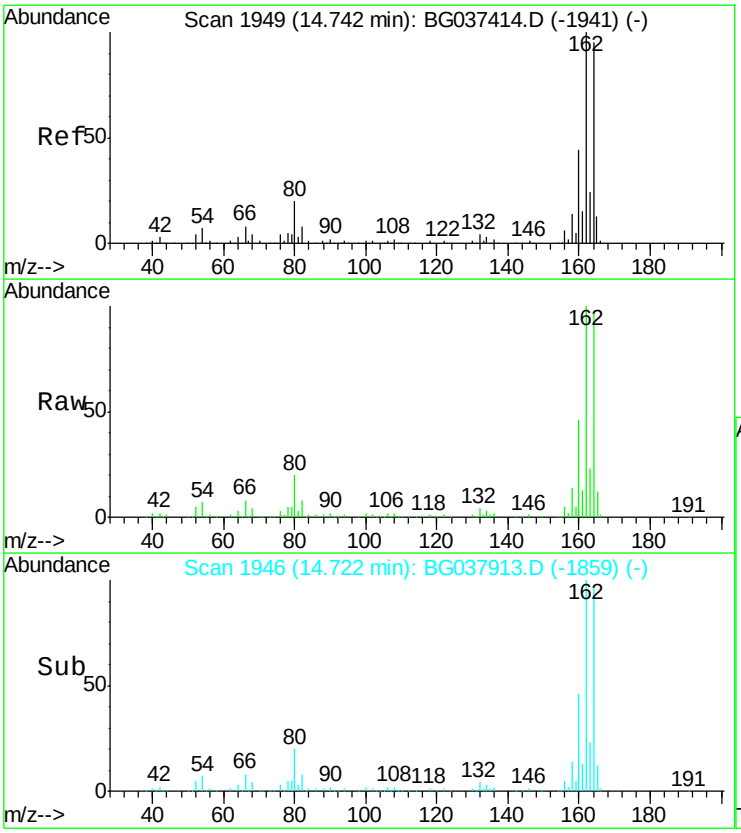



#23
Nitrobenzene-d5
Concen: 105.143 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

Tgt Ion: 82 Resp: 537881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.9 | 34.6 | 51.8 |
| 54 | 54.4 | 45.3 | 67.9 |

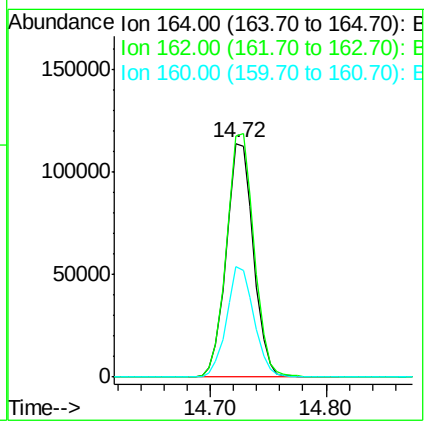


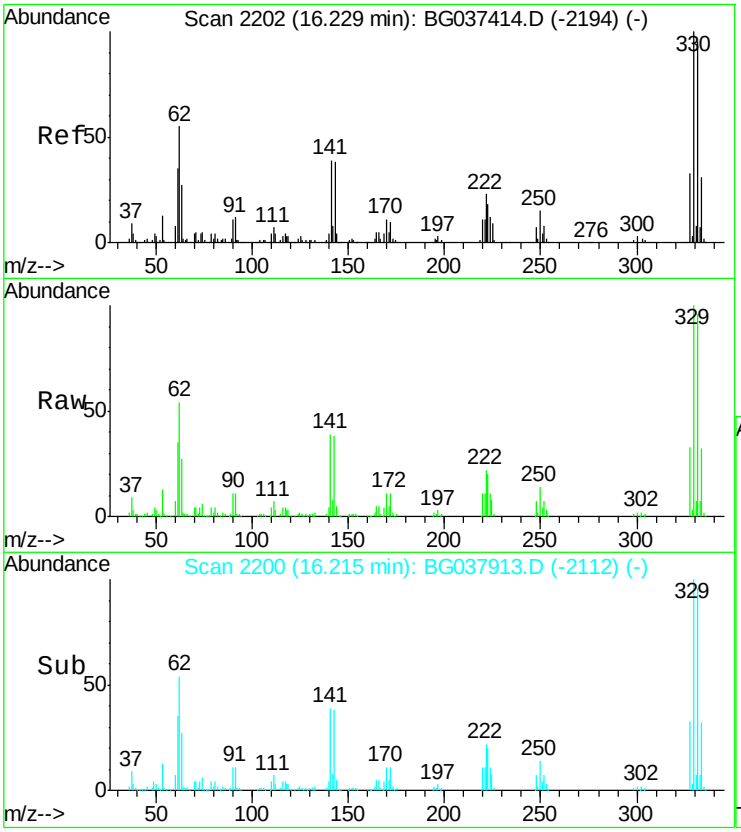




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

Tgt Ion:164 Resp: 186167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.9 | 81.3 | 121.9 |
| 160 | 47.4 | 36.3 | 54.5 |

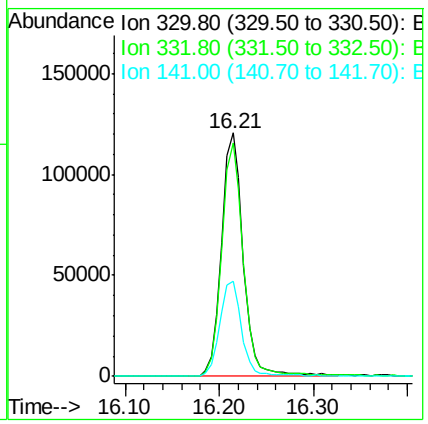


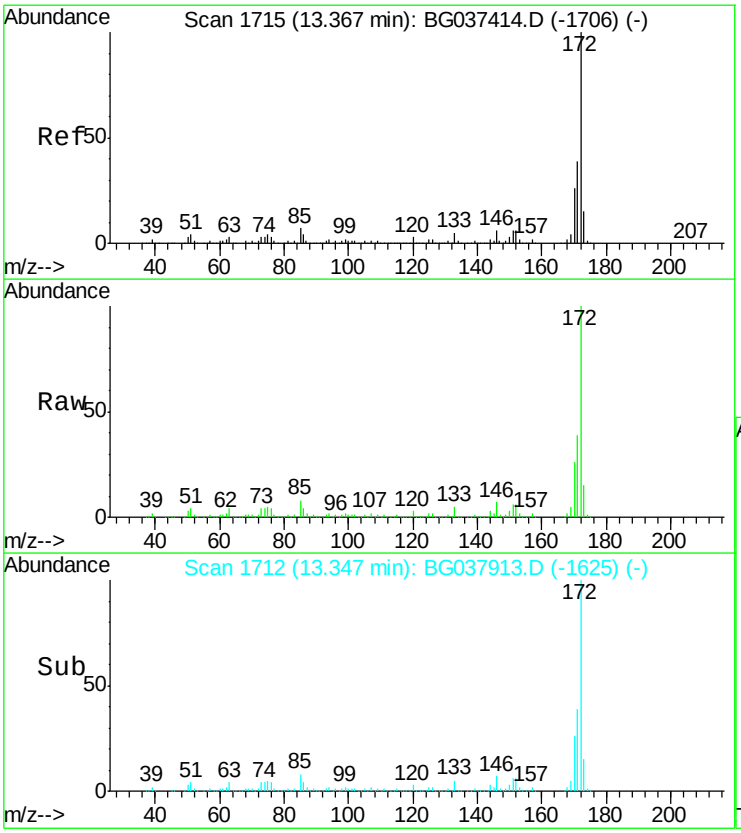



#42
2,4,6-Tribromophenol
Concen: 95.965 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

Tgt Ion:330 Resp: 194857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.0 | 78.4 | 117.6 |
| 141 | 39.2 | 32.2 | 48.2 |

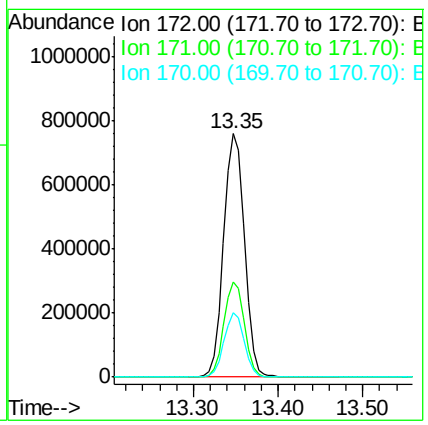


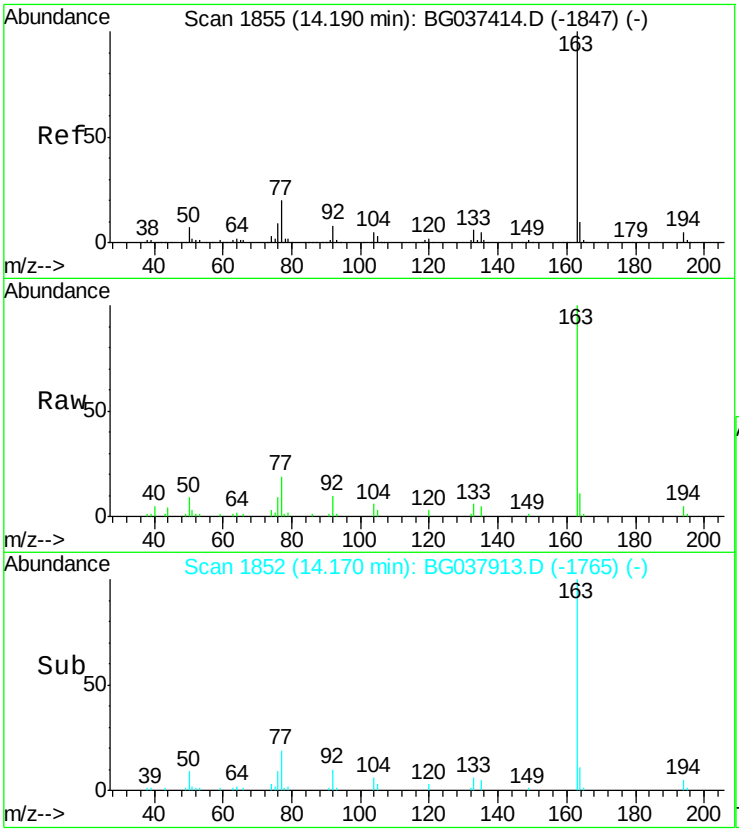




#45
2-Fluorobiphenyl
Concen: 105.000 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

Tgt Ion:172 Resp: 1296306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 39.1 | 31.0 | 46.4 |
| 170 | 26.5 | 20.2 | 30.2 |

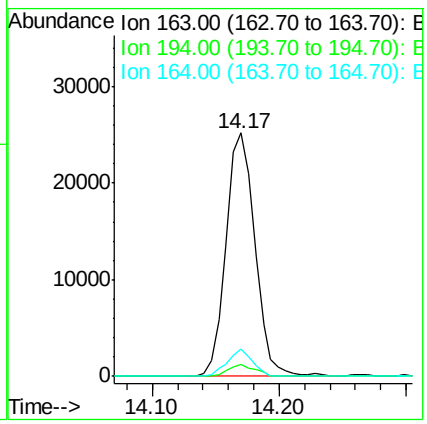


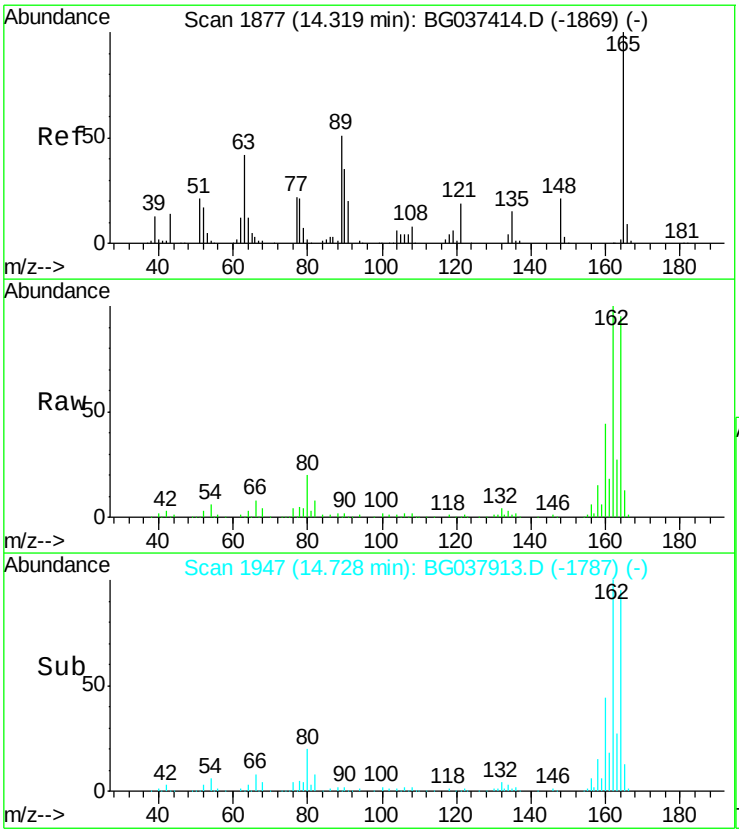



#50
Dimethylphthalate
Concen: 2.752 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

Tgt Ion:163 Resp: 39638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 5.0 | 3.5 | 5.3 |
| 164 | 11.1 | 8.5 | 12.7 |

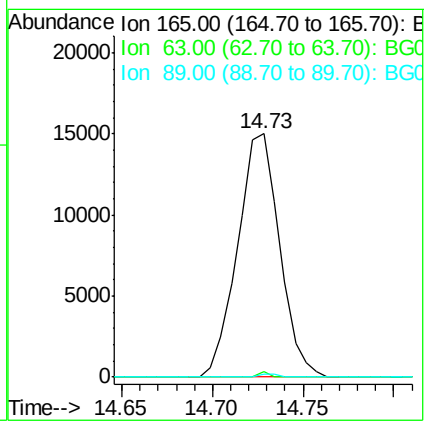


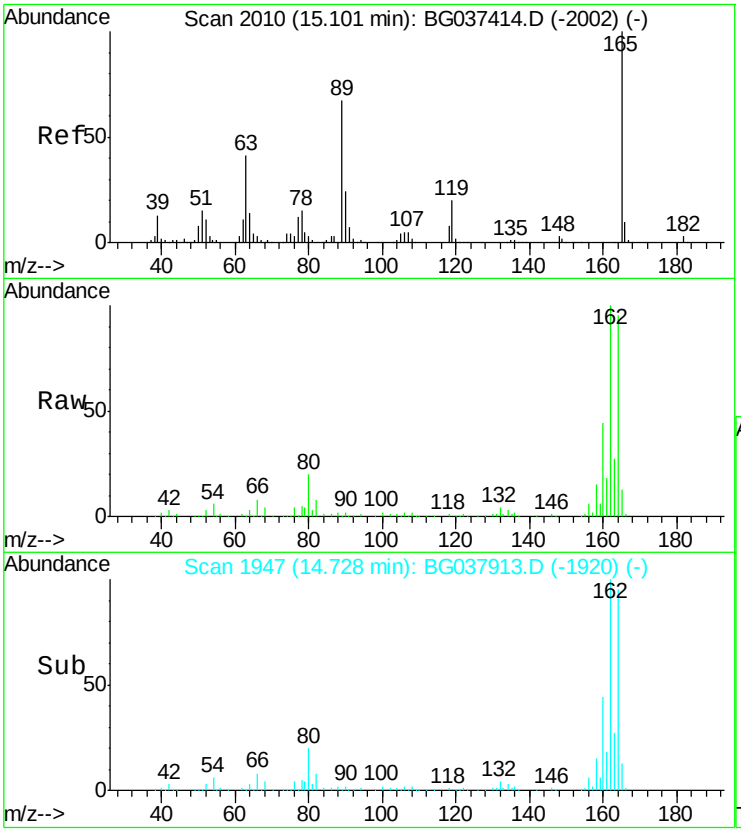




#51
2,6-Dinitrotoluene
Concen: 7.588 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

Tgt Ion:165 Resp: 24175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 2.3 | 43.4 | 65.2# |
| 89 | 1.3 | 45.8 | 68.6# |

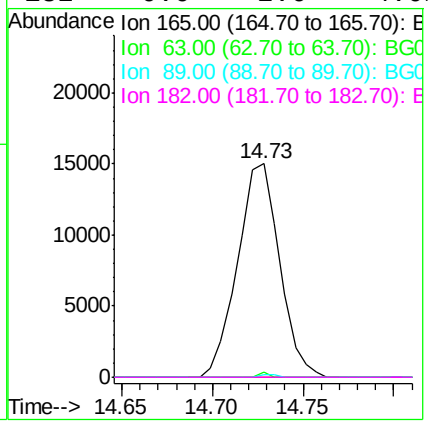


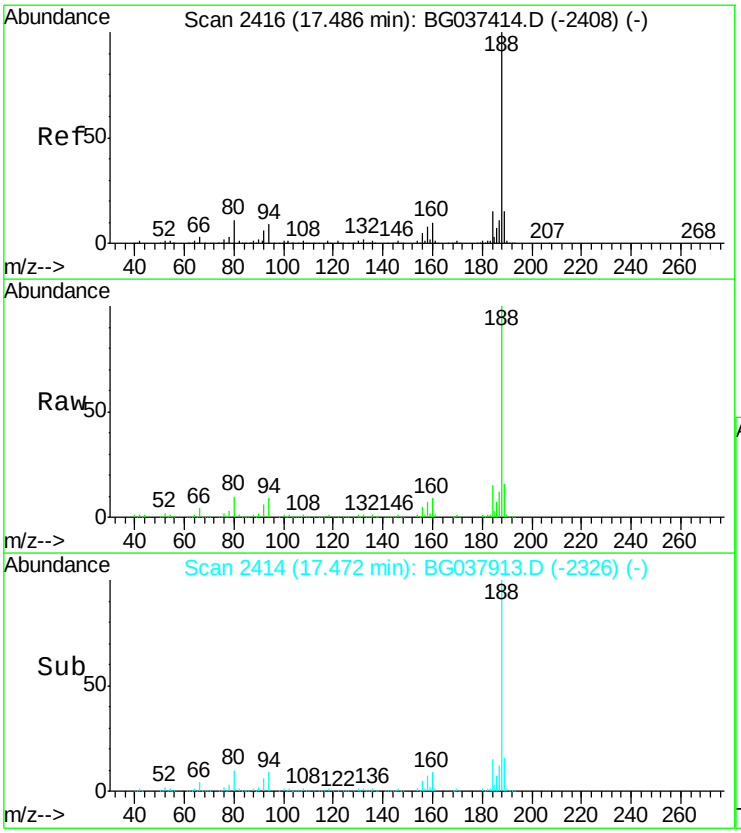



#57
2,4-Dinitrotoluene
Concen: 5.780 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.37 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

Tgt Ion:165 Resp: 24175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 2.3 | 33.4 | 50.0# |
| 89 | 1.3 | 57.2 | 85.8# |
| 182 | 0.0 | 2.6 | 4.0# |

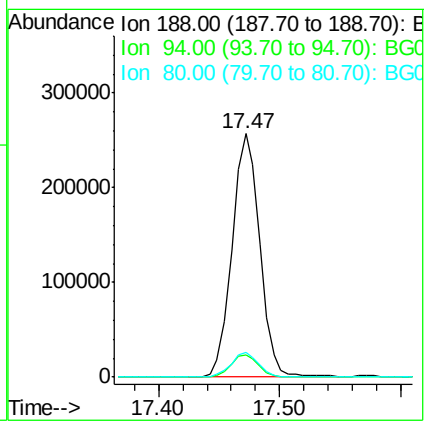


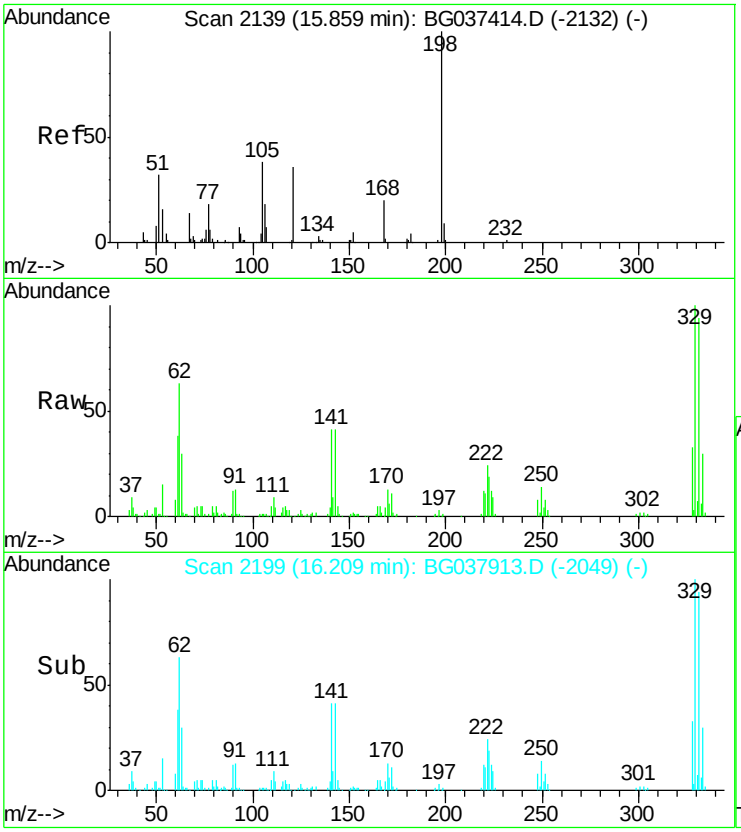




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

Tgt Ion:188 Resp: 410142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.2 | 7.2 | 10.8 |
| 80 | 10.2 | 7.7 | 11.5 |

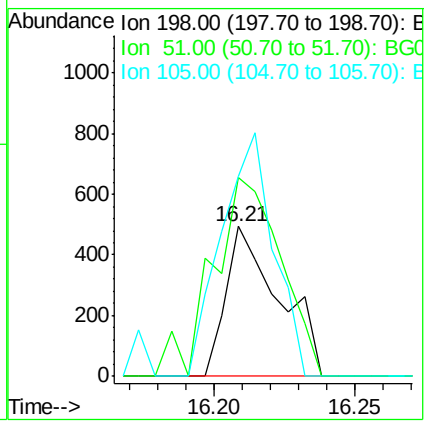


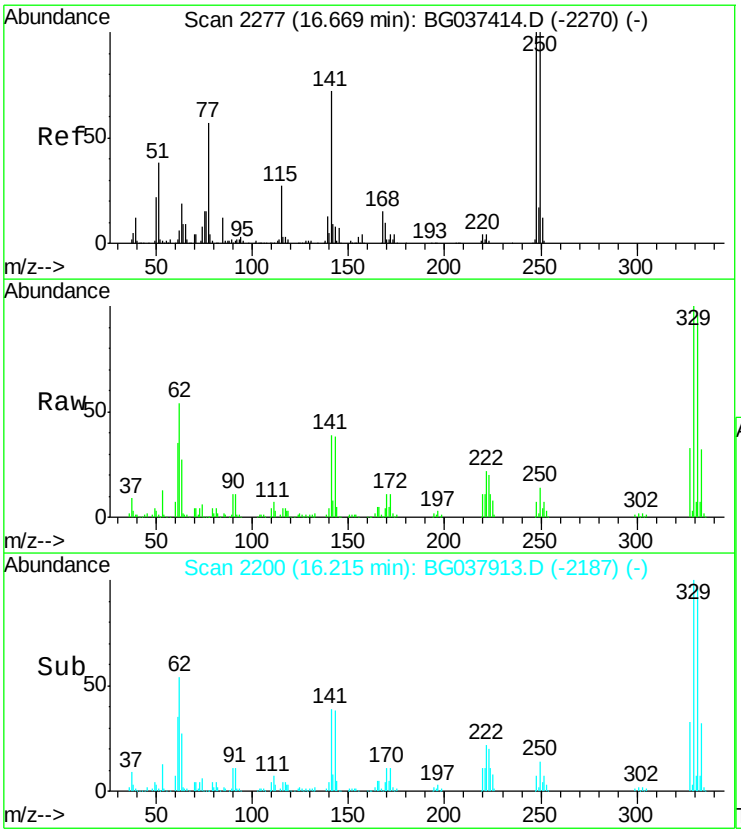



#65
4,6-Dinitro-2-methylphenol
Concen: 8.754 ng
RT: 16.21 min Scan# 2199
Delta R.T. 0.35 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

Tgt Ion:198 Resp: 644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 31.0 | 22.7 | 62.7 |
| 105 | 31.1 | 19.7 | 59.7 |

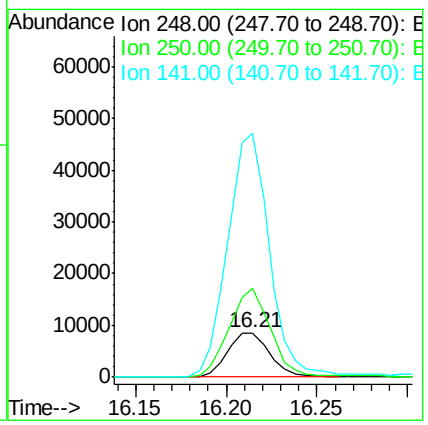


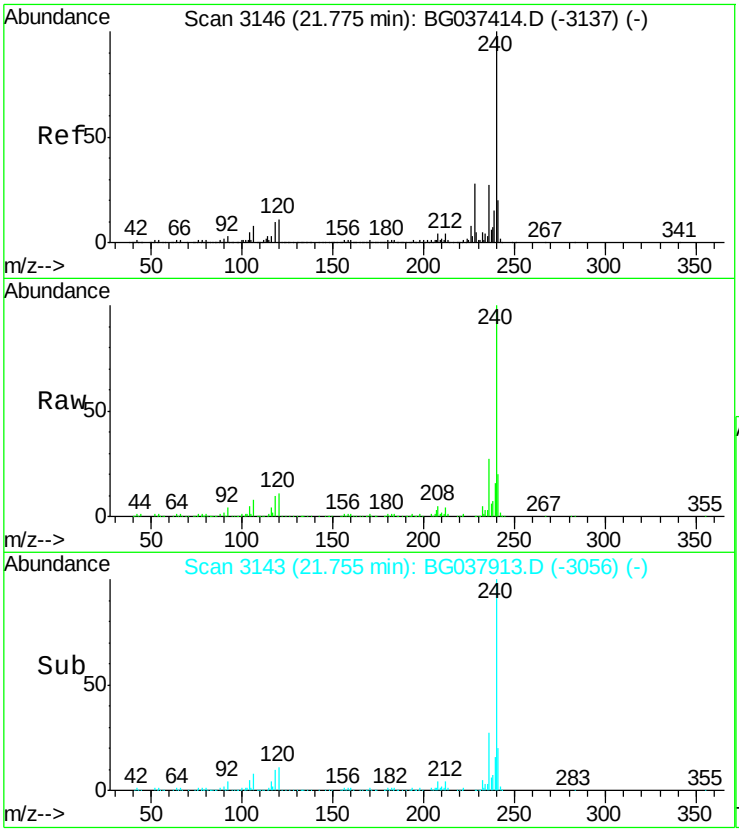




#67
4-Bromophenyl-phenylether
Concen: 3.082 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.45 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

Tgt Ion:248 Resp: 13880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 196.7 | 77.0 | 115.6# |
| 141 | 410.3 | 55.5 | 83.3# |

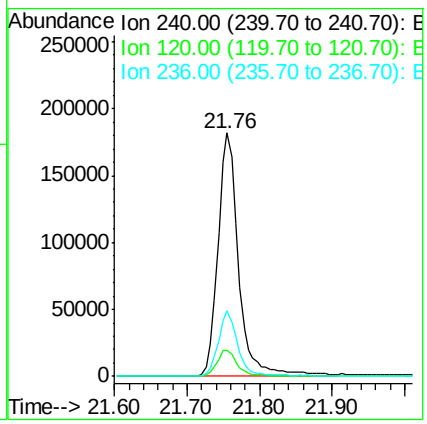


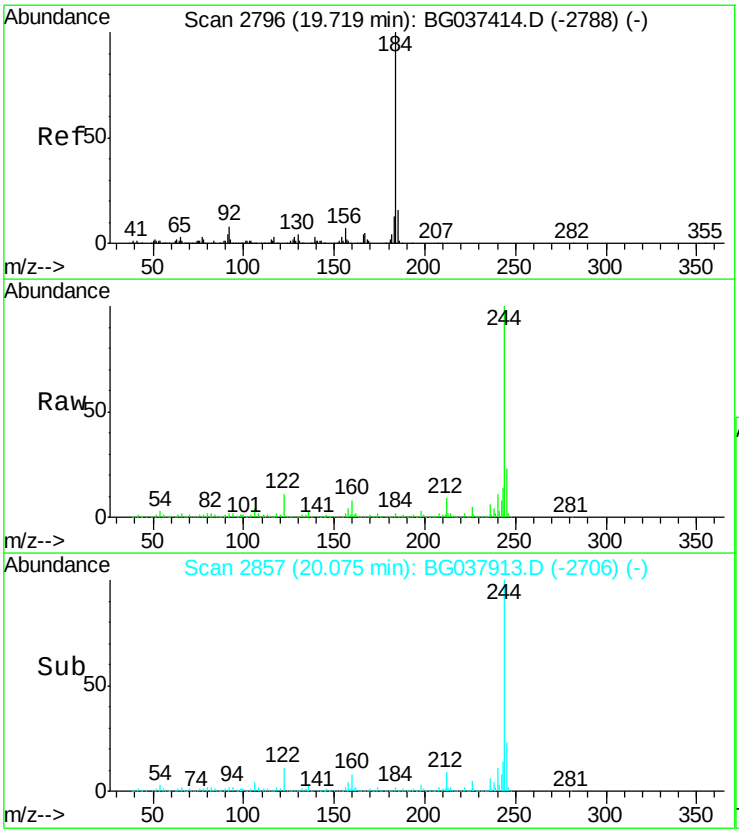



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

Tgt Ion:240 Resp: 361158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.9 | 8.1 | 12.1 |
| 236 | 26.8 | 21.4 | 32.0 |

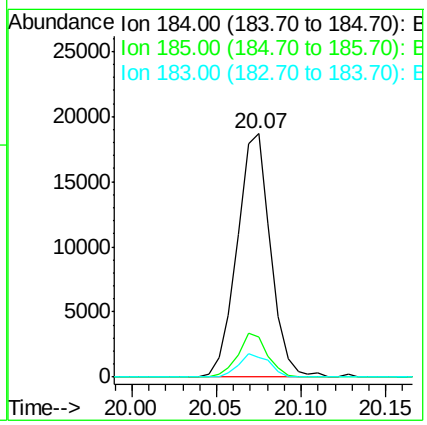


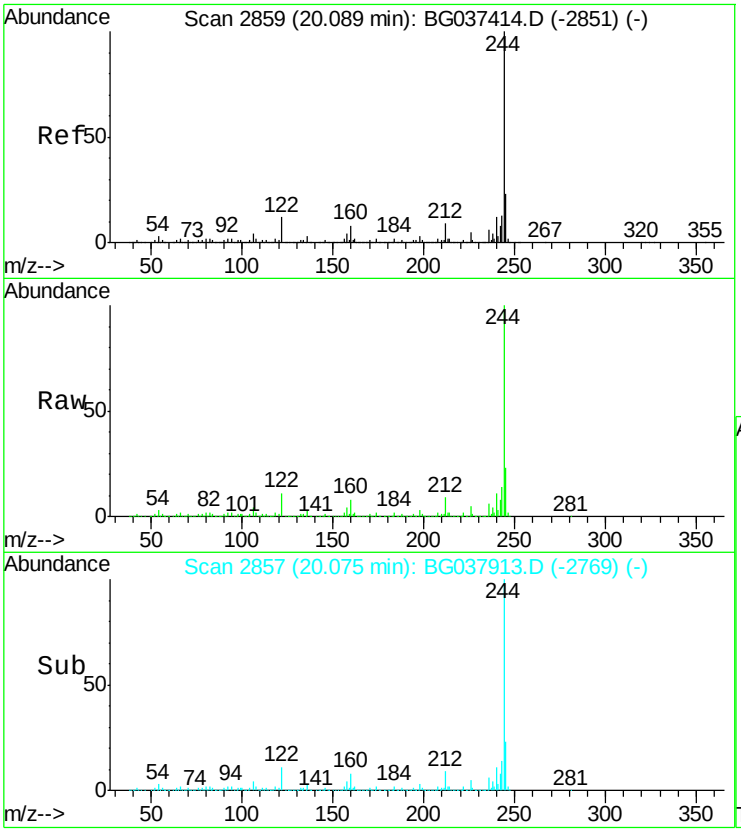




#77
Benzidine
Concen: 2.100 ng
RT: 20.07 min Scan# 2857
Delta R.T. 0.36 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

Tgt Ion:184 Resp: 25786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 16.7 | 12.6 | 18.8 |
| 183 | 8.0 | 10.2 | 15.2# |

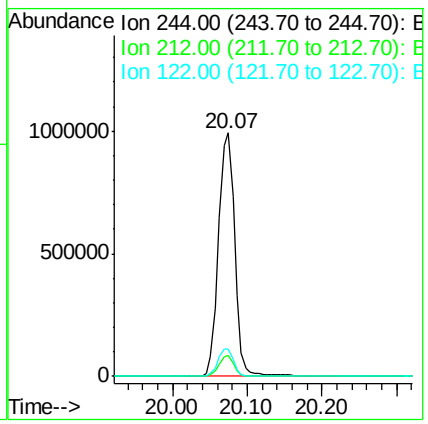


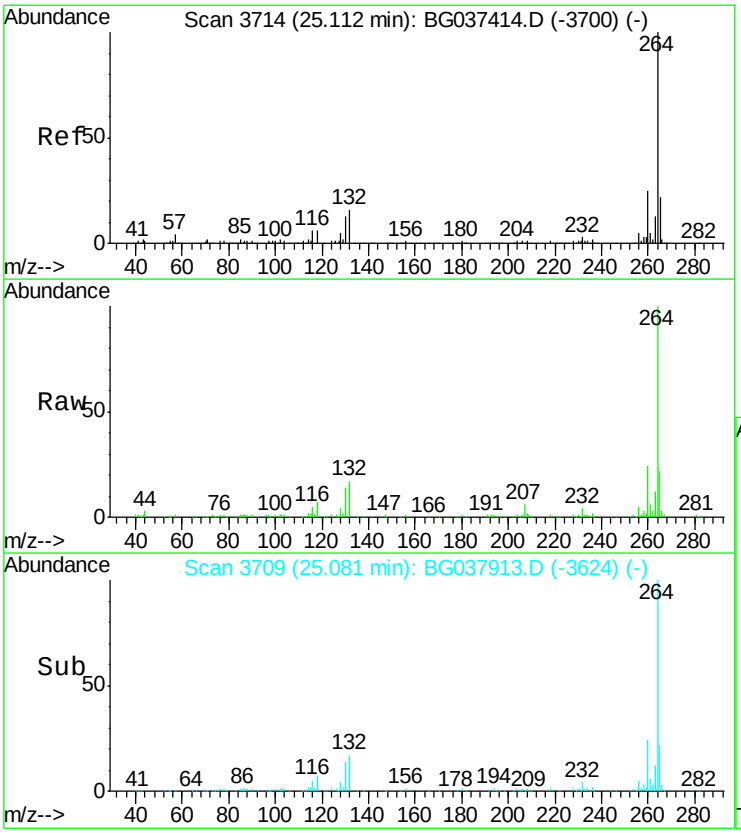



#79
Terphenyl-d14
Concen: 88.728 ng
RT: 20.07 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

Tgt Ion:244 Resp: 1499696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.7 | 6.5 | 9.7 |
| 122 | 11.2 | 9.0 | 13.4 |




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.03 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

Tgt Ion:264 Resp: 307164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.5 | 18.2 | 27.4 |
| 265 | 22.3 | 17.9 | 26.9 |