Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
Data File : BG037315.D
Acq On : 13 Oct 2018 7:24
Operator : JU/SJ
Sample : J5383-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Oct 15 02:14:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration

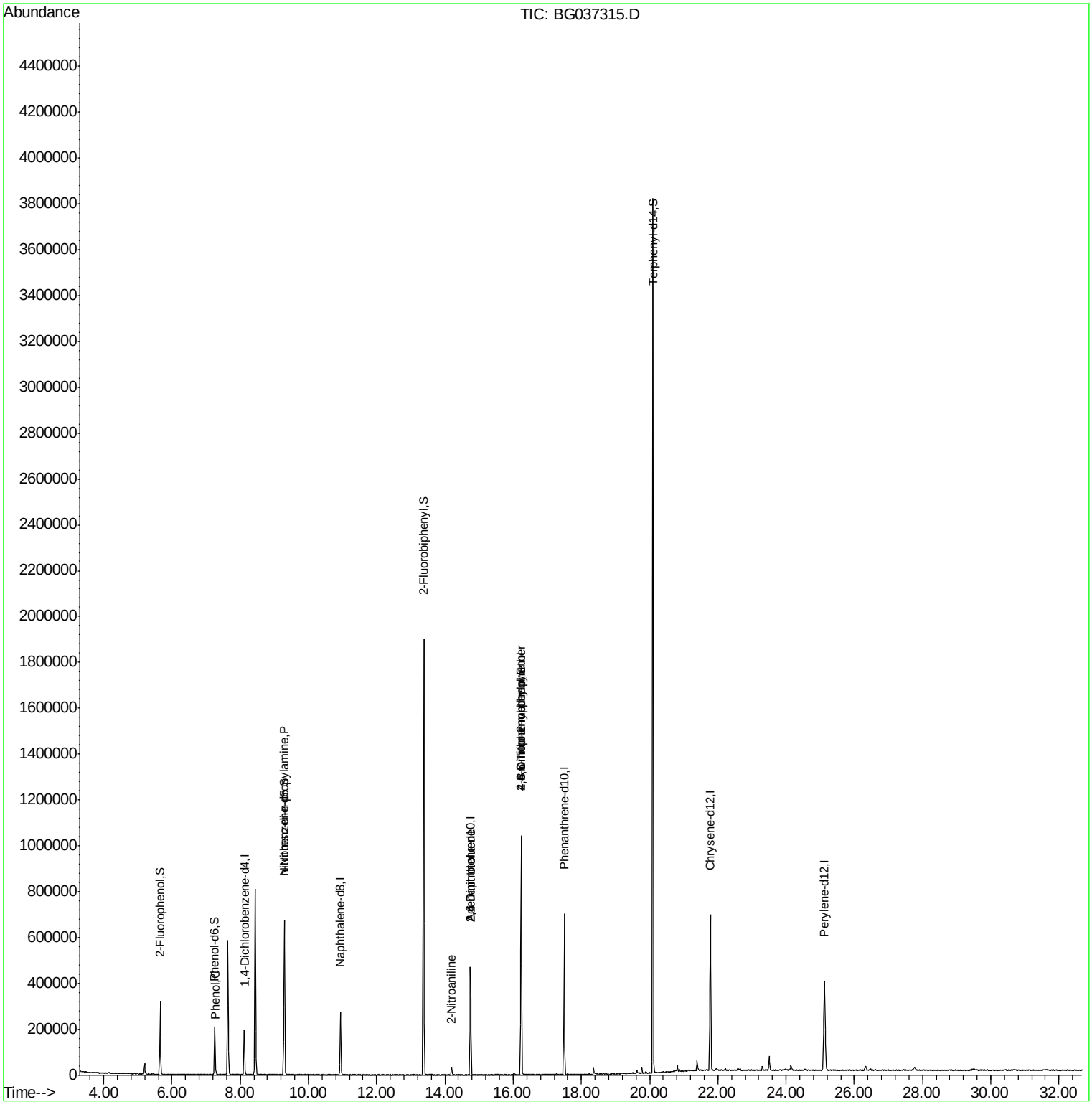
| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.12 | 152 | 58454 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.94 | 136 | 247959 | 20.00 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 14.75 | 164 | 166744 | 20.00 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 17.50 | 188 | 440921 | 20.00 | ng | | -0.01 |
| 76) Chrysene-d12 | 21.78 | 240 | 424660 | 20.00 | ng | | -0.02 |
| 87) Perylene-d12 | 25.13 | 264 | 422463 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.65 | 112 | 146500 | 44.11 | ng | | 0.00 |
| 7) Phenol-d6 | 7.25 | 99 | 130173 | 25.82 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.29 | 82 | 424088 | 112.44 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.23 | 330 | 180012 | 110.08 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 13.38 | 172 | 1050265 | 94.59 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.10 | 244 | 1743941 | 86.23 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 7.28 | 94 | 11456 | 2.158 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 9.29 | 70 | 53605 | 14.044 | ng | # | 69 |
| 48) 2-Nitroaniline | 14.18 | 65 | 119 | 5.792 | ng | # | 1 |
| 51) 2,6-Dinitrotoluene | 14.75 | 165 | 21210 | 12.308 | ng | # | 26 |
| 57) 2,4-Dinitrotoluene | 14.75 | 165 | 21210 | 11.185 | ng | # | 25 |
| 65) 4,6-Dinitro-2-methylphenol | 16.23 | 198 | 460 | 6.238 | ng | | 85 |
| 67) 4-Bromophenyl-phenylether | 16.23 | 248 | 12746 | 2.678 | ng | # | 1 |

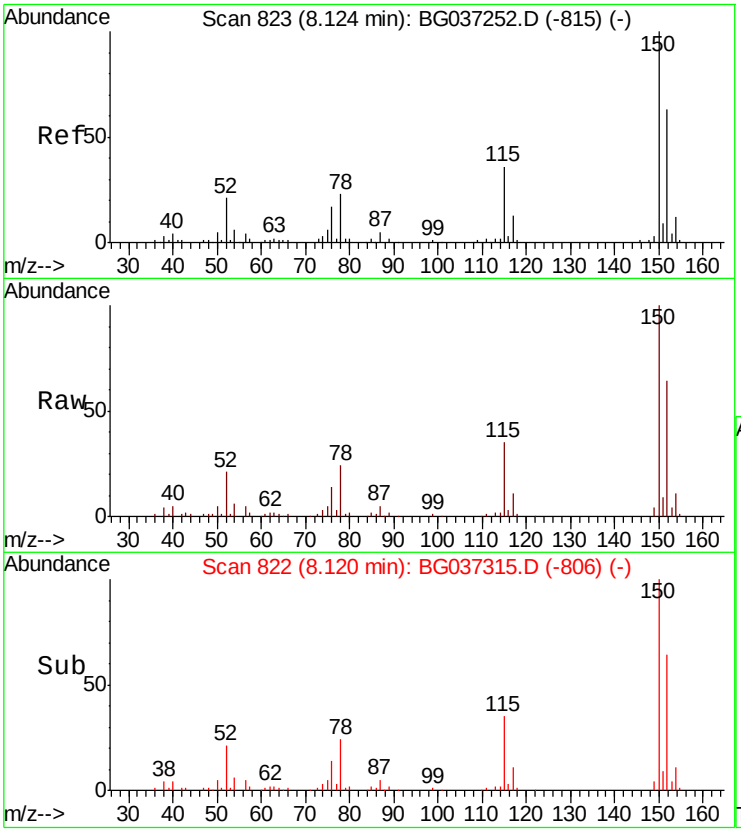
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
Data File : BG037315.D
Acq On : 13 Oct 2018 7:24
Operator : JU/SJ
Sample : J5383-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Oct 15 02:14:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration



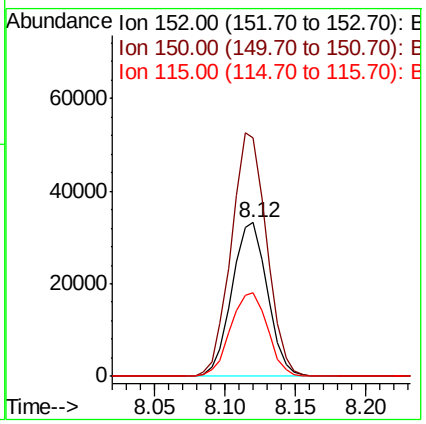


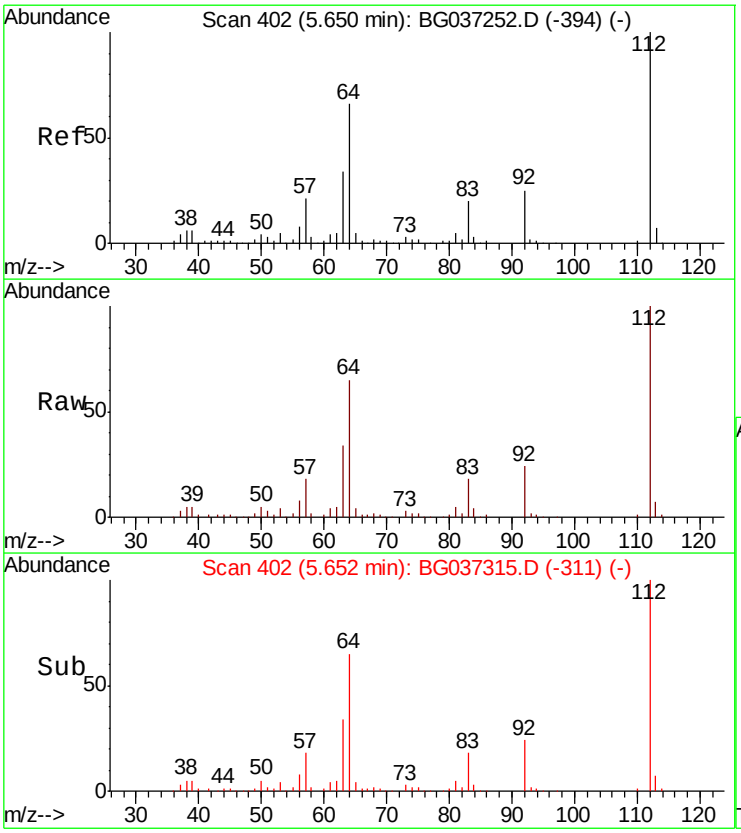

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG037315.D
Acq: 13 Oct 2018 7:24

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

Tgt Ion:152 Resp: 58454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.1 | 126.0 | 189.0 |
| 115 | 54.5 | 45.5 | 68.3 |

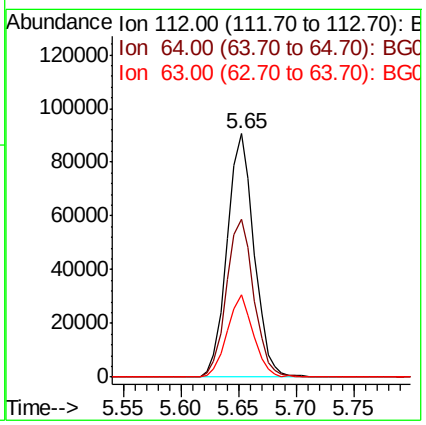


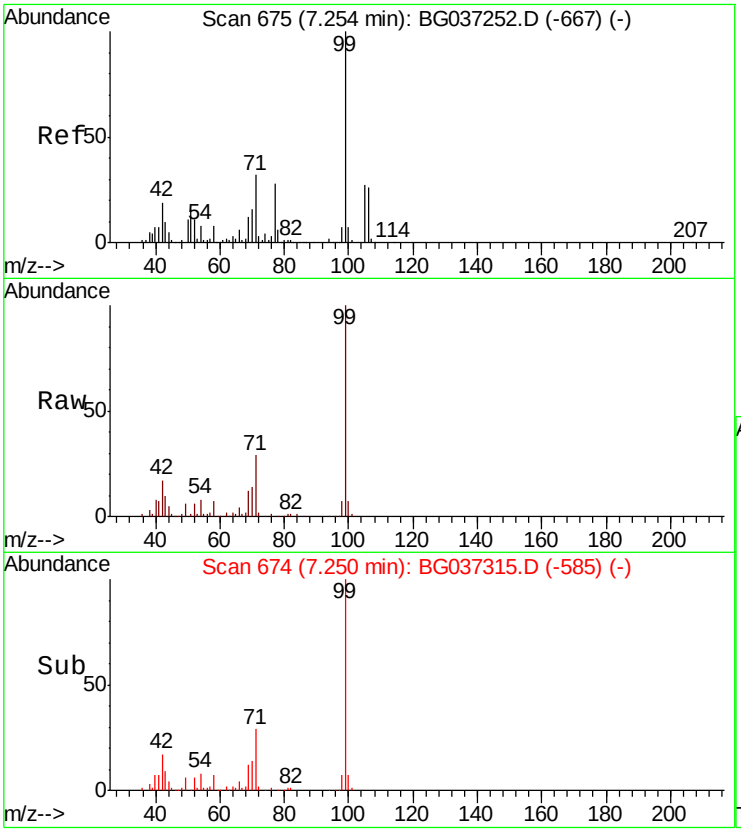




#5
2-Fluorophenol
Concen: 44.108 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037315.D
Acq: 13 Oct 2018 7:24

Tgt Ion:112 Resp: 146500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 64.8 | 53.1 | 79.7 |
| 63 | 33.7 | 27.3 | 40.9 |



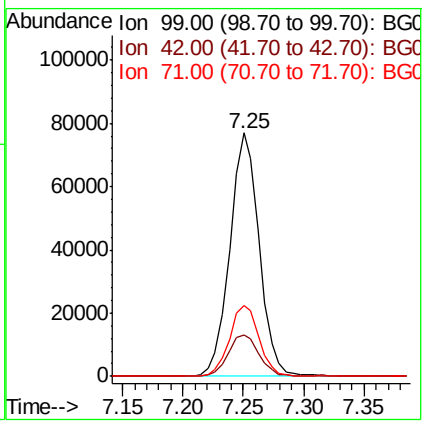


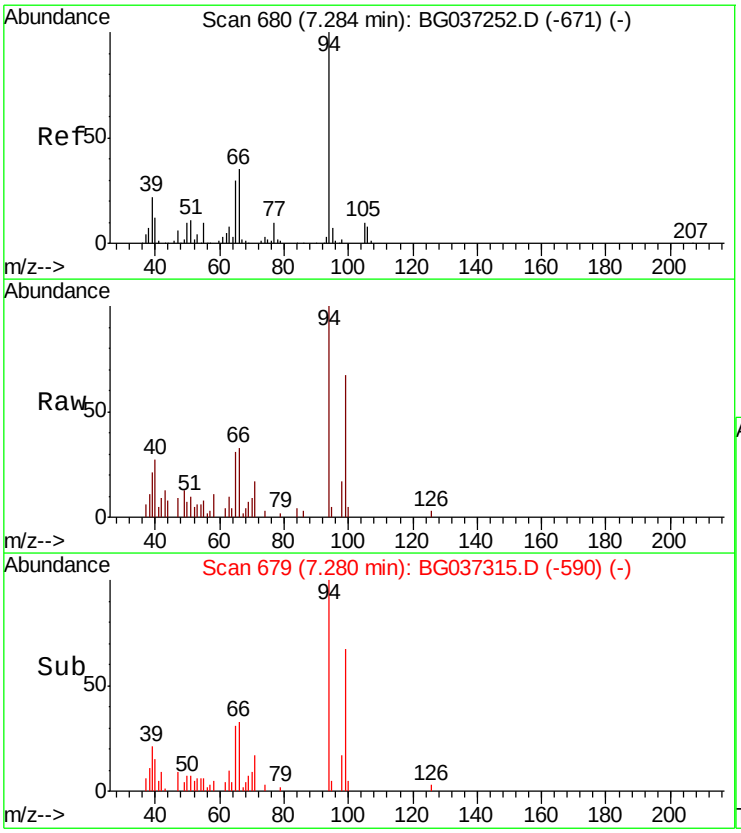

#7
Phenol-d6
Concen: 25.821 ng
RT: 7.25 min Scan# 674
Delta R.T. -0.00 min
Lab File: BG037315.D
Acq: 13 Oct 2018 7:24

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

Tgt Ion: 99 Resp: 130173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.8 | 15.0 | 22.4 |
| 71 | 29.2 | 25.5 | 38.3 |

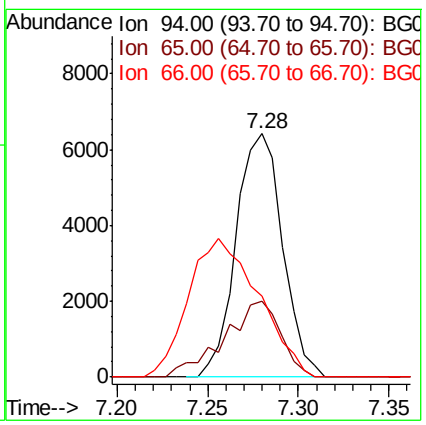


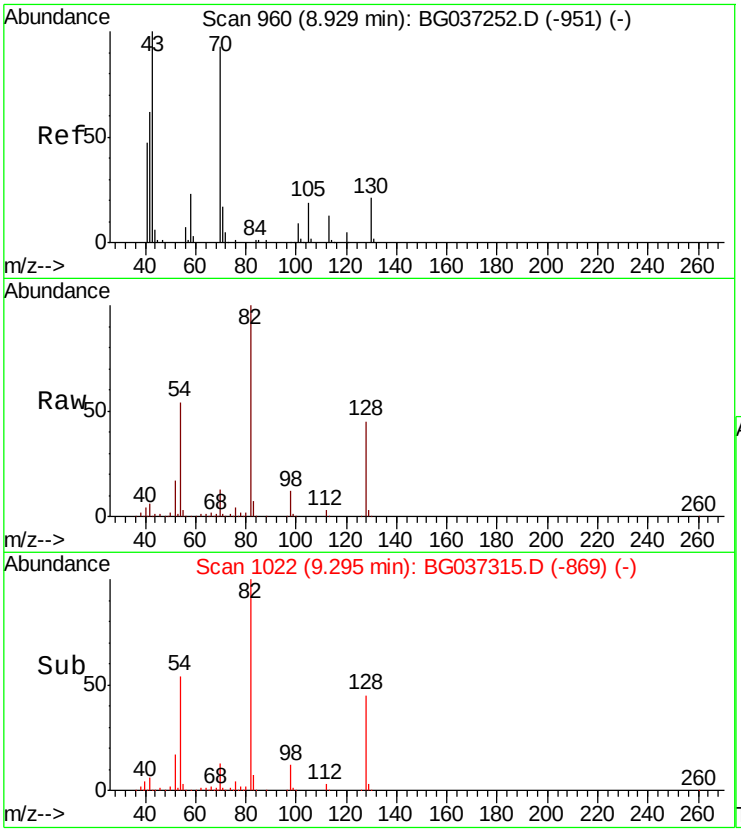




#10
Phenol
Concen: 2.158 ng
RT: 7.28 min Scan# 679
Delta R.T. -0.00 min
Lab File: BG037315.D
Acq: 13 Oct 2018 7:24

Tgt Ion: 94 Resp: 11456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 31.1 | 9.7 | 49.7 |
| 66 | 33.5 | 15.9 | 55.9 |



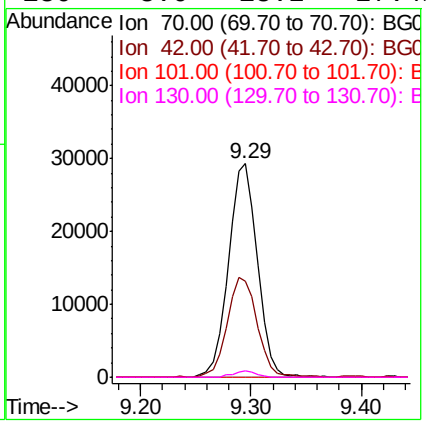


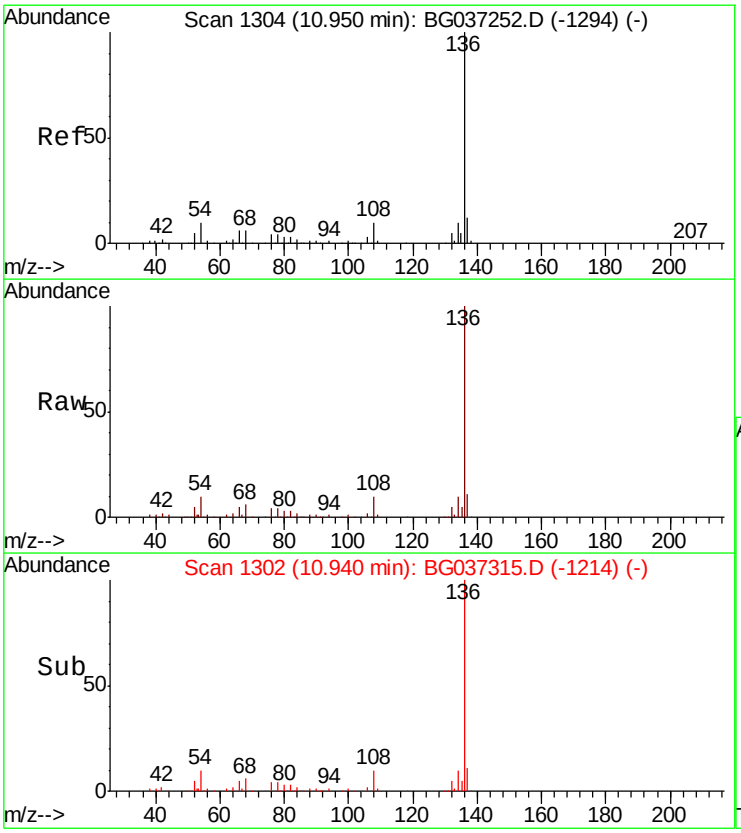

#19
n-Nitroso-di-n-propylamine
Concen: 14.044 ng
RT: 9.29 min Scan# 1022
Delta R.T. 0.37 min
Lab File: BG037315.D
Acq: 13 Oct 2018 7:24

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

Tgt Ion: 70 Resp: 53605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 44.7 | 53.9 | 80.9# |
| 101 | 0.0 | 8.2 | 12.2# |
| 130 | 3.0 | 18.2 | 27.4# |

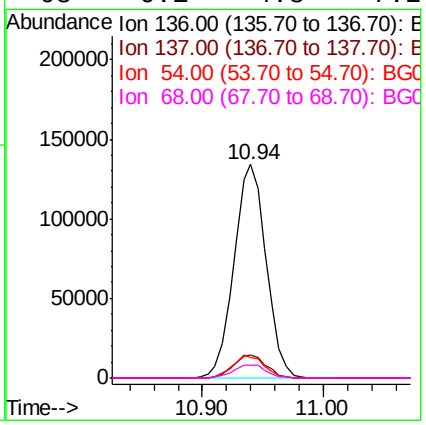


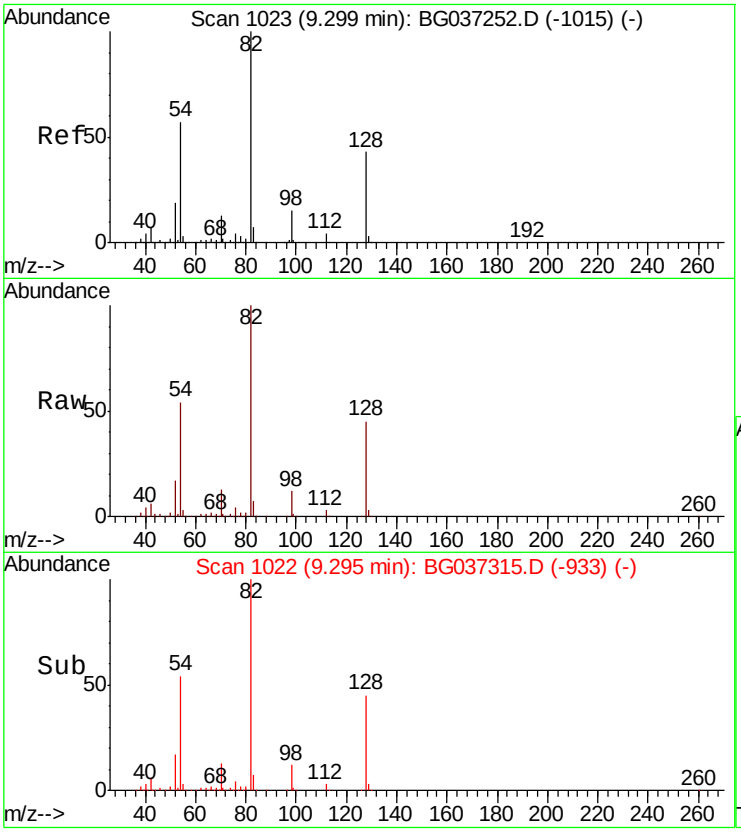




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037315.D
Acq: 13 Oct 2018 7:24

Tgt Ion:136 Resp: 247959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 9.6 | 14.4 |
| 54 | 9.9 | 7.9 | 11.9 |
| 68 | 6.1 | 4.8 | 7.2 |



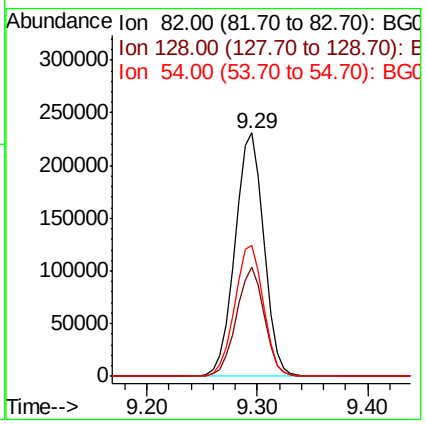


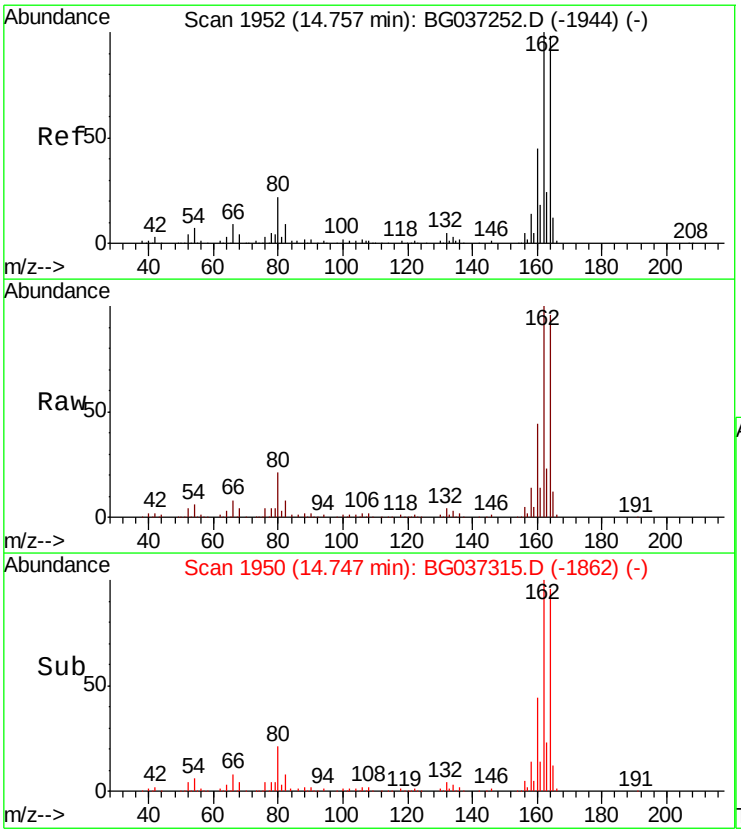

#23
Nitrobenzene-d5
Concen: 112.444 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG037315.D
Acq: 13 Oct 2018 7:24

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

Tgt Ion: 82 Resp: 424088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.8 | 34.6 | 51.8 |
| 54 | 54.0 | 45.3 | 67.9 |

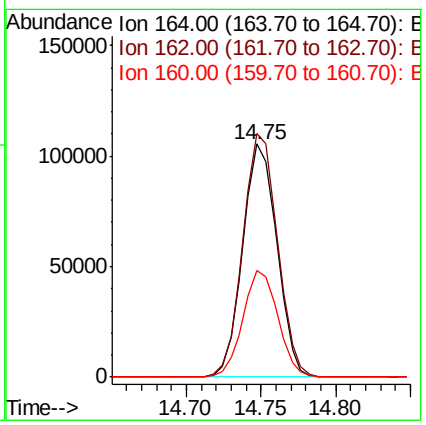


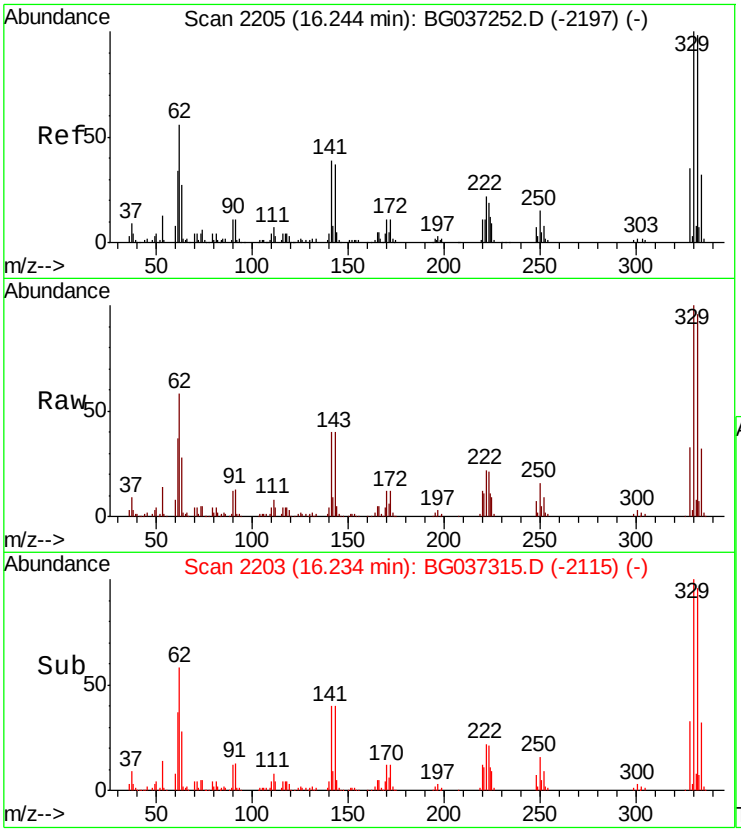




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037315.D
Acq: 13 Oct 2018 7:24

Tgt Ion:164 Resp: 166744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.6 | 81.3 | 121.9 |
| 160 | 45.9 | 36.3 | 54.5 |



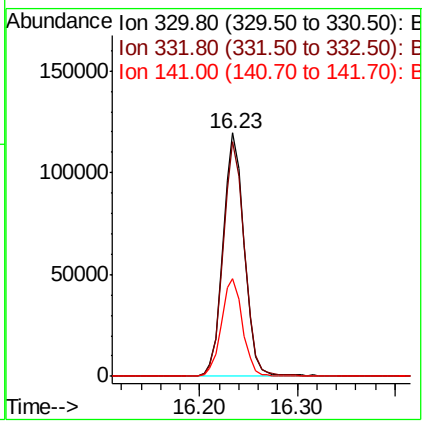


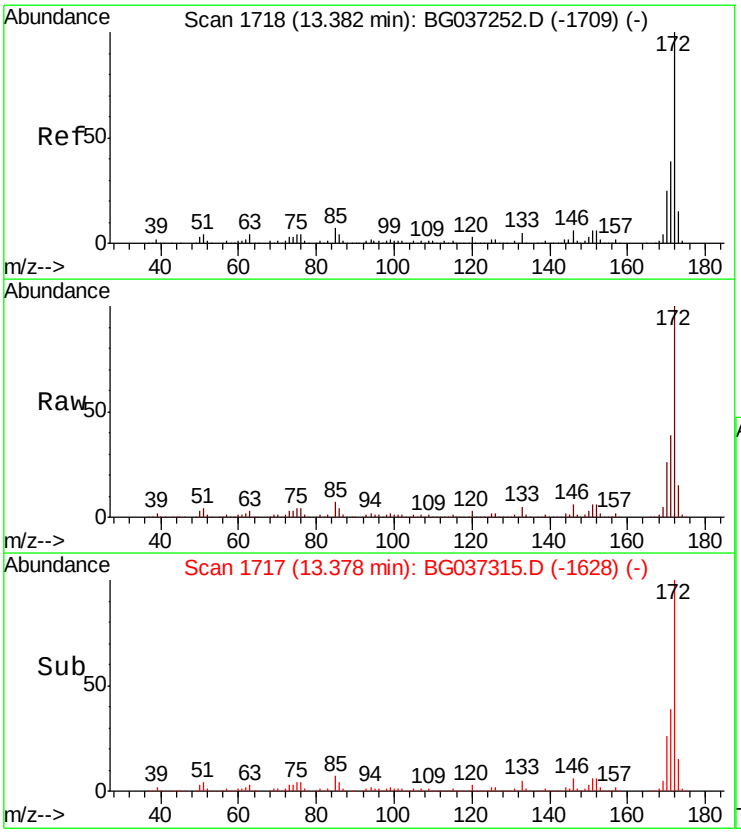

#42
2,4,6-Tribromophenol
Concen: 110.079 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG037315.D
Acq: 13 Oct 2018 7:24

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

Tgt Ion:330 Resp: 180012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.2 | 78.4 | 117.6 |
| 141 | 40.3 | 32.2 | 48.2 |

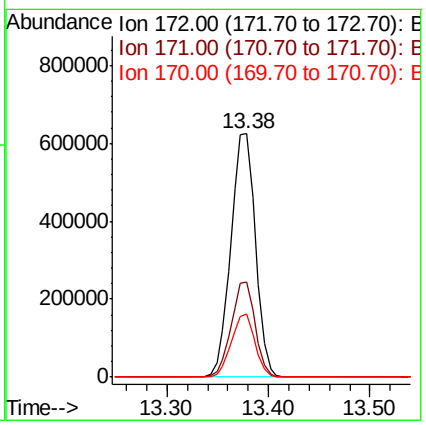


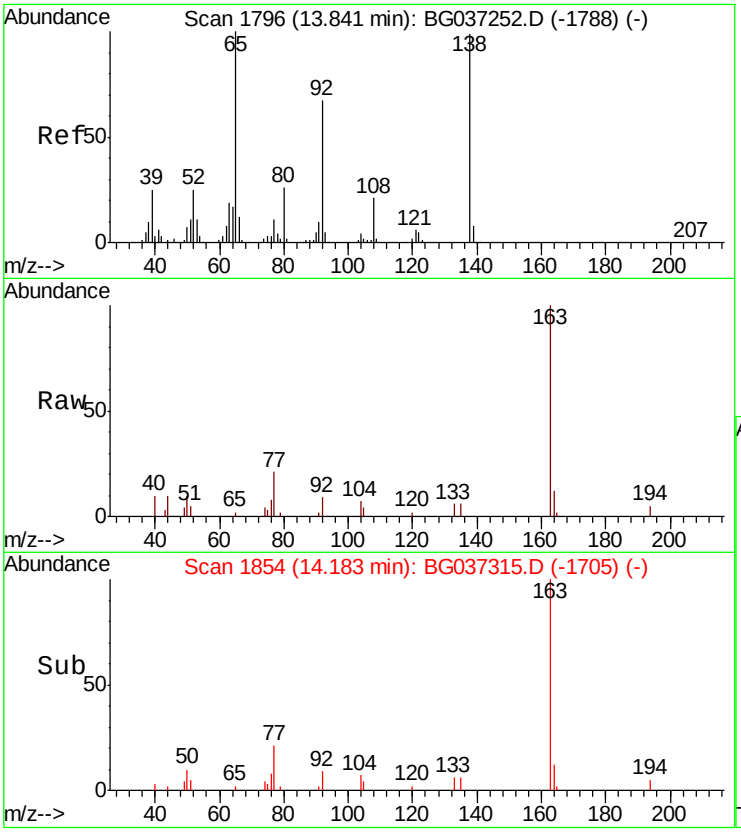




#45
2-Fluorobiphenyl
Concen: 94.591 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG037315.D
Acq: 13 Oct 2018 7:24

Tgt Ion:172 Resp: 1050265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 39.0 | 31.0 | 46.4 |
| 170 | 25.7 | 20.2 | 30.2 |



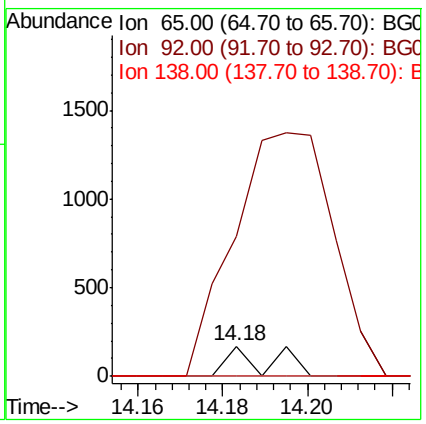


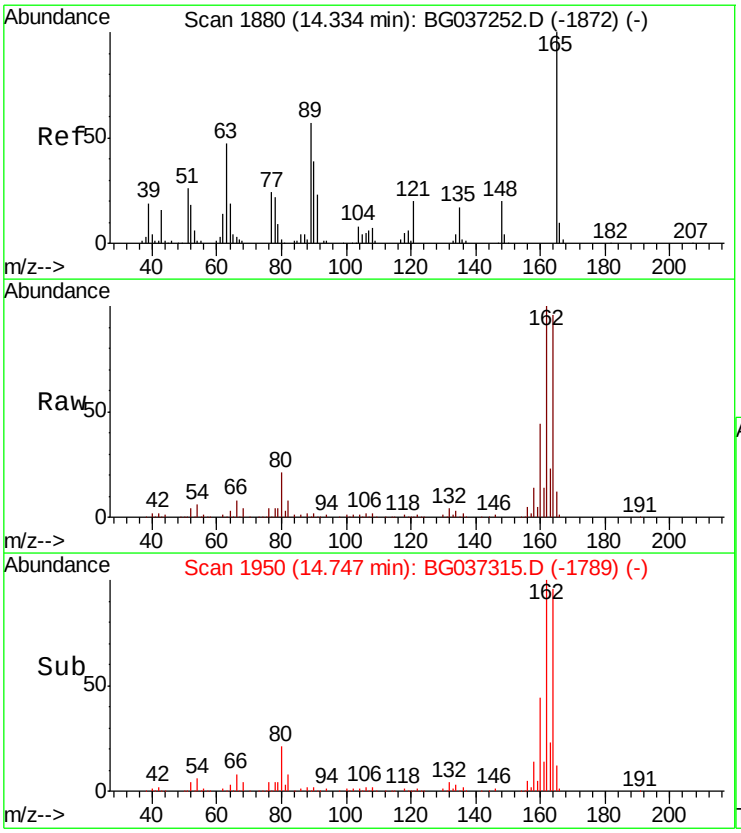

#48
2-Nitroaniline
Concen: 5.792 ng
RT: 14.18 min Scan# 1854
Delta R.T. 0.34 min
Lab File: BG037315.D
Acq: 13 Oct 2018 7:24

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

Tgt Ion: 65 Resp: 119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 462.0 | 53.2 | 79.8# |
| 138 | 0.0 | 79.3 | 118.9# |

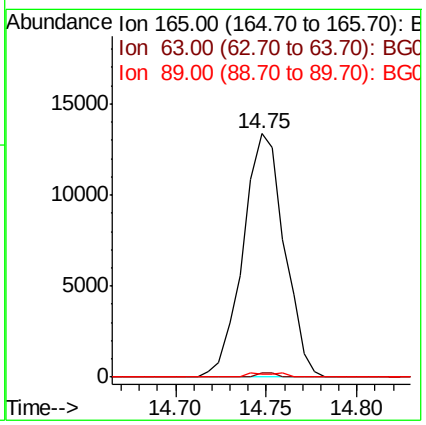


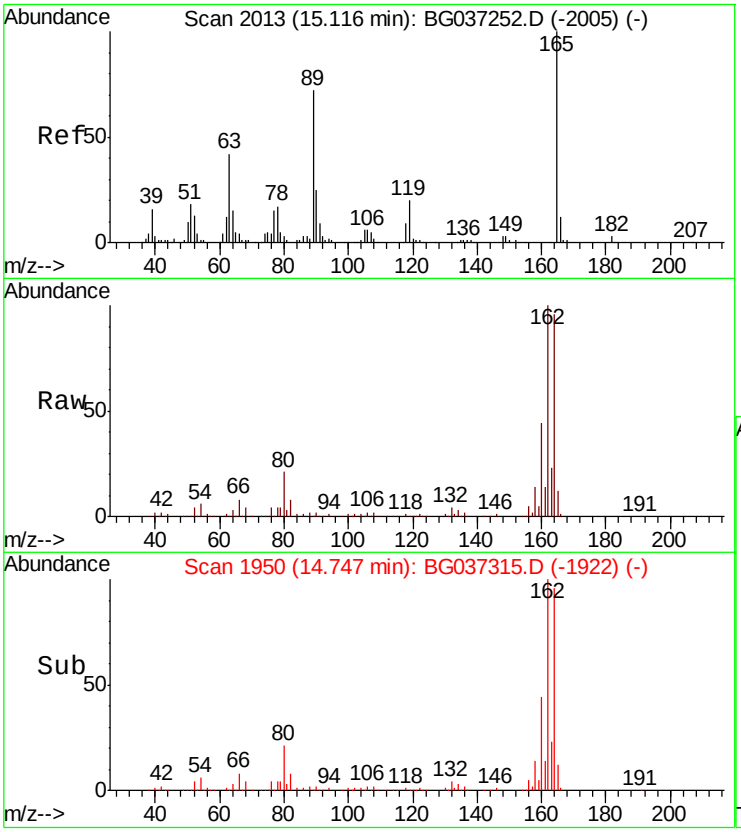




#51
2,6-Dinitrotoluene
Concen: 12.308 ng
RT: 14.75 min Scan# 1950
Delta R.T. 0.41 min
Lab File: BG037315.D
Acq: 13 Oct 2018 7:24

Tgt Ion:165 Resp: 21210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.8 | 43.4 | 65.2# |
| 89 | 1.3 | 45.8 | 68.6# |



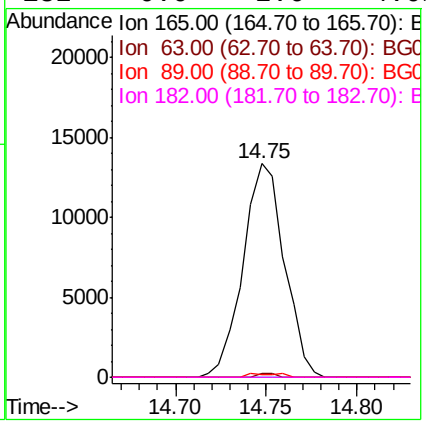


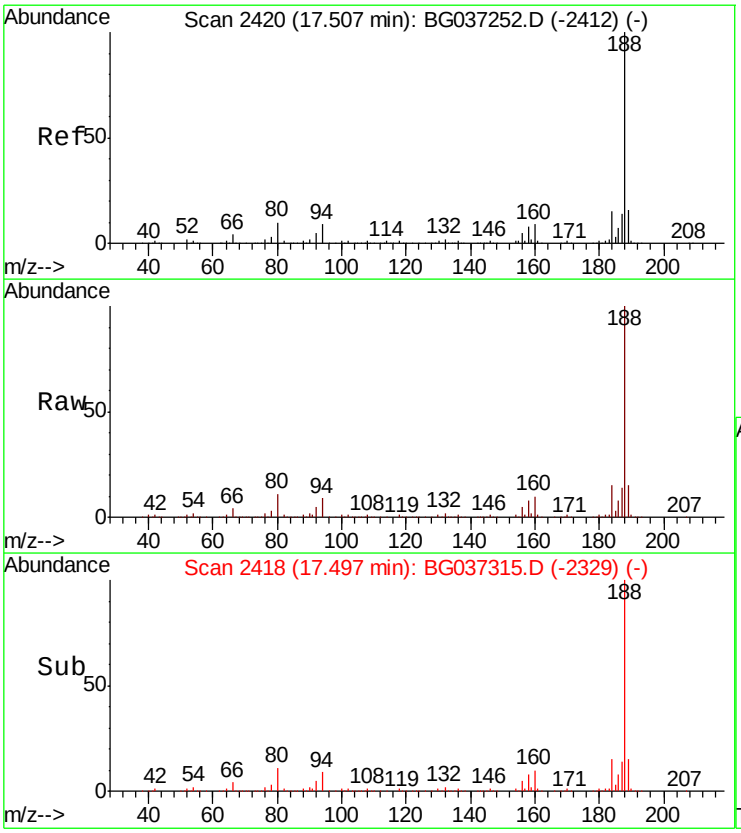

#57
2,4-Dinitrotoluene
Concen: 11.185 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.37 min
Lab File: BG037315.D
Acq: 13 Oct 2018 7:24

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

Tgt Ion:165 Resp: 21210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.8 | 33.4 | 50.0# |
| 89 | 1.3 | 57.2 | 85.8# |
| 182 | 0.0 | 2.6 | 4.0# |

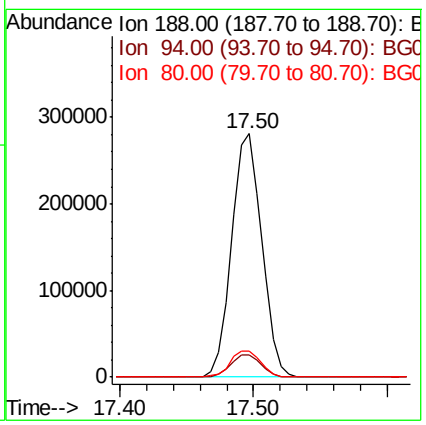


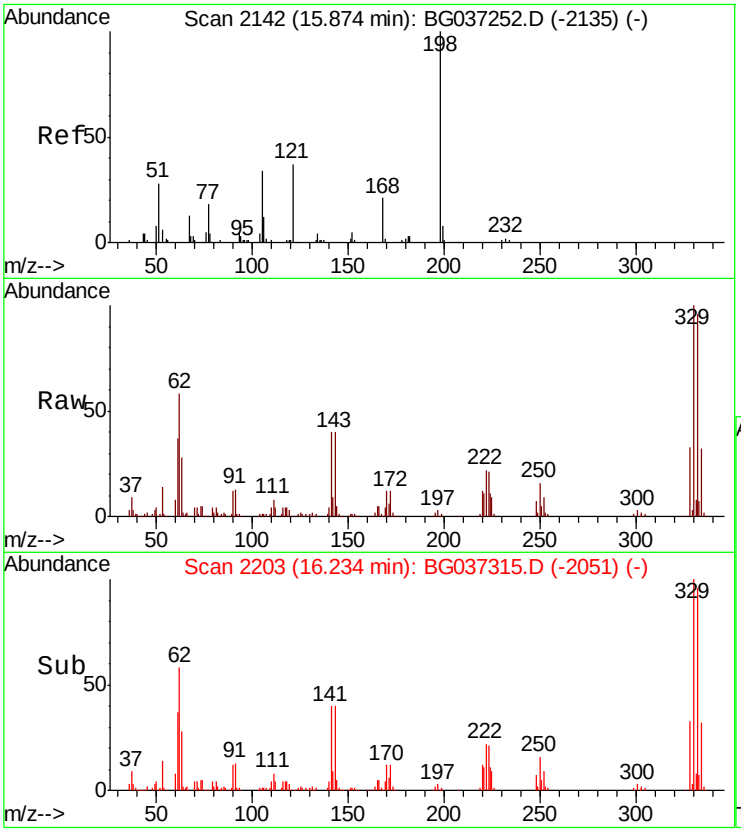




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG037315.D
Acq: 13 Oct 2018 7:24

Tgt Ion:188 Resp: 440921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.2 | 7.2 | 10.8 |
| 80 | 10.7 | 7.7 | 11.5 |



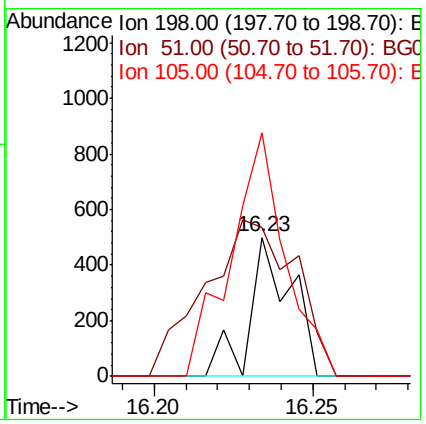


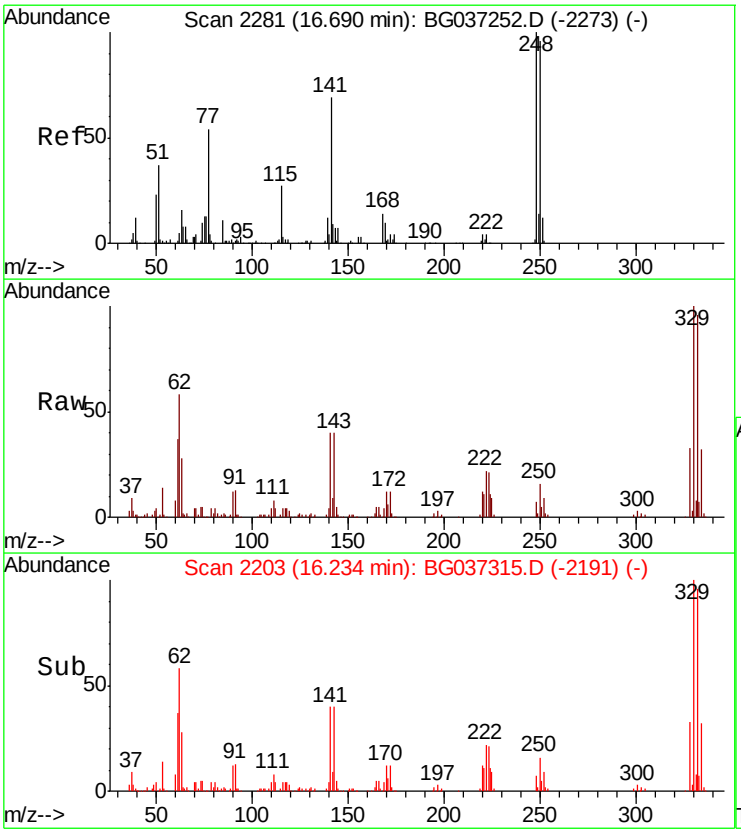

#65
4,6-Dinitro-2-methylphenol
Concen: 6.238 ng
RT: 16.23 min Scan# 2203
Delta R.T. 0.36 min
Lab File: BG037315.D
Acq: 13 Oct 2018 7:24

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

Tgt Ion:198 Resp: 460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 24.1 | 22.7 | 62.7 |
| 105 | 39.5 | 19.7 | 59.7 |

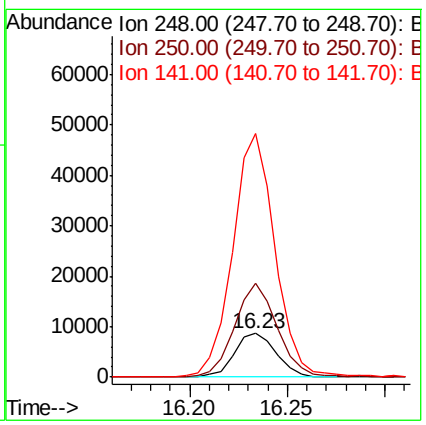


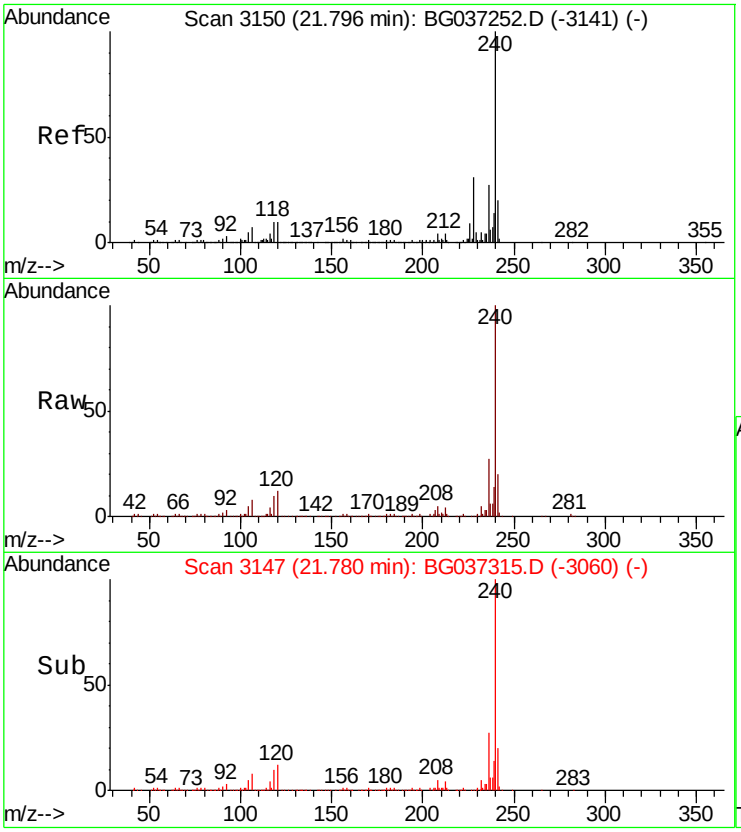




#67
4-Bromophenyl-phenylether
Concen: 2.678 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.46 min
Lab File: BG037315.D
Acq: 13 Oct 2018 7:24

Tgt Ion:248 Resp: 12746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 215.1 | 77.0 | 115.6# |
| 141 | 428.9 | 55.5 | 83.3# |



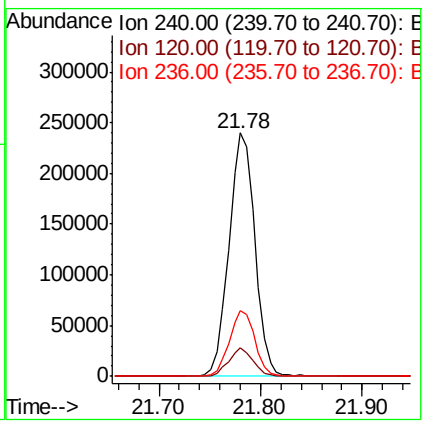


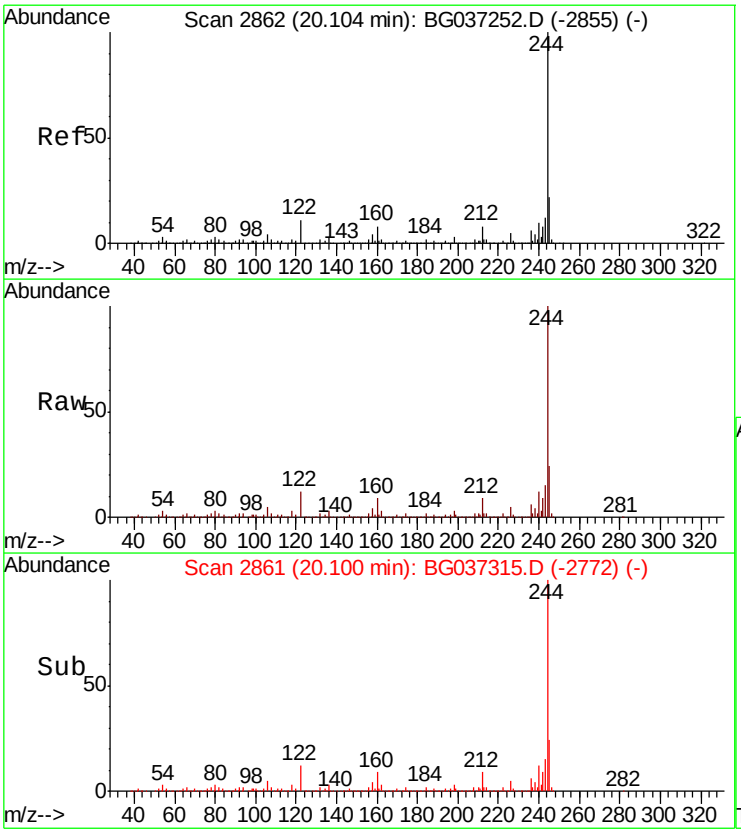

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.02 min
Lab File: BG037315.D
Acq: 13 Oct 2018 7:24

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

Tgt Ion:240 Resp: 424660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.5 | 8.1 | 12.1 |
| 236 | 27.1 | 21.4 | 32.0 |

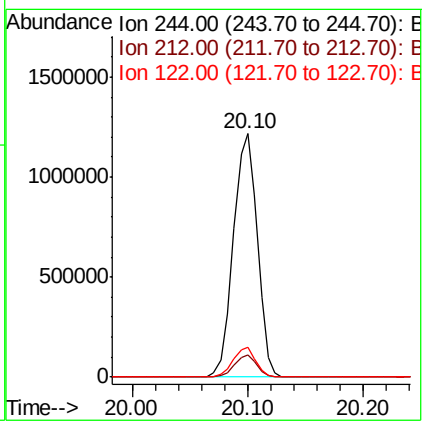


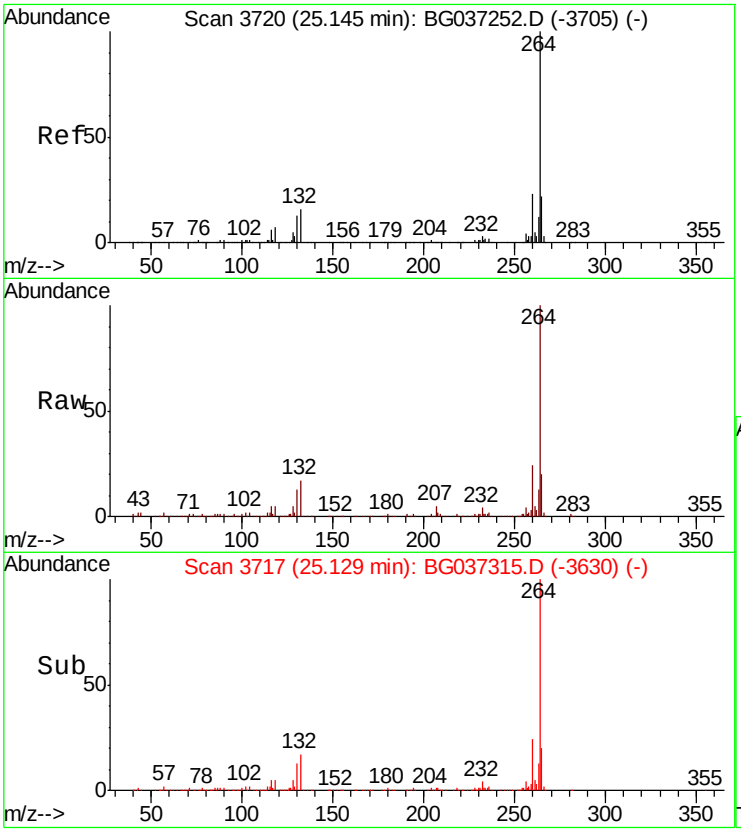




#79
Terphenyl-d14
Concen: 86.230 ng
RT: 20.10 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BG037315.D
Acq: 13 Oct 2018 7:24

Tgt Ion:244 Resp: 1743941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.1 | 6.5 | 9.7 |
| 122 | 12.1 | 9.0 | 13.4 |






#87
Perylene-d12
Concen: 20.000 ng
RT: 25.13 min Scan# 3717
Delta R.T. -0.02 min
Lab File: BG037315.D
Acq: 13 Oct 2018 7:24

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

Tgt Ion:264 Resp: 422463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.3 | 18.2 | 27.4 |
| 265 | 20.4 | 17.9 | 26.9 |