Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
Data File : BG037751.D
Acq On : 2 Nov 2018 12:07
Operator : JU/SJ
Sample : J5741-34
Misc :
ALS Vial : 33 Sample Multiplier: 1

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

Quant Time: Nov 02 14:25:53 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 | 8.10 | 152 | 72452 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.92 | 136 | 324894 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.73 | 164 | 213000 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.48 | 188 | 463191 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.77 | 240 | 409001 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 25.10 | 264 | 311278 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.64 | 112 | 494994 | 114.22 | ng | | 0.00 |
| 7) Phenol-d6 | 7.24 | 99 | 663474 | 101.25 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.27 | 82 | 479596 | 82.69 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.22 | 330 | 273140 | 117.57 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.36 | 172 | 1147705 | 81.25 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.08 | 244 | 1655343 | 86.48 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 9.27 | 70 | 61476 | 13.624 | ng | # | 71 |
| 31) Naphthalene | 10.97 | 128 | 51731 | 3.242 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.73 | 165 | 27040 | 7.418 | ng | # | 25 |
| 57) 2,4-Dinitrotoluene | 14.73 | 165 | 27040 | 5.651 | ng | # | 25 |
| 65) 4,6-Dinitro-2-methylphenol | 16.22 | 198 | 706 | 8.746 | ng | | 82 |
| 67) 4-Bromophenyl-phenylether | 16.23 | 248 | 19205 | 3.776 | ng | # | 1 |

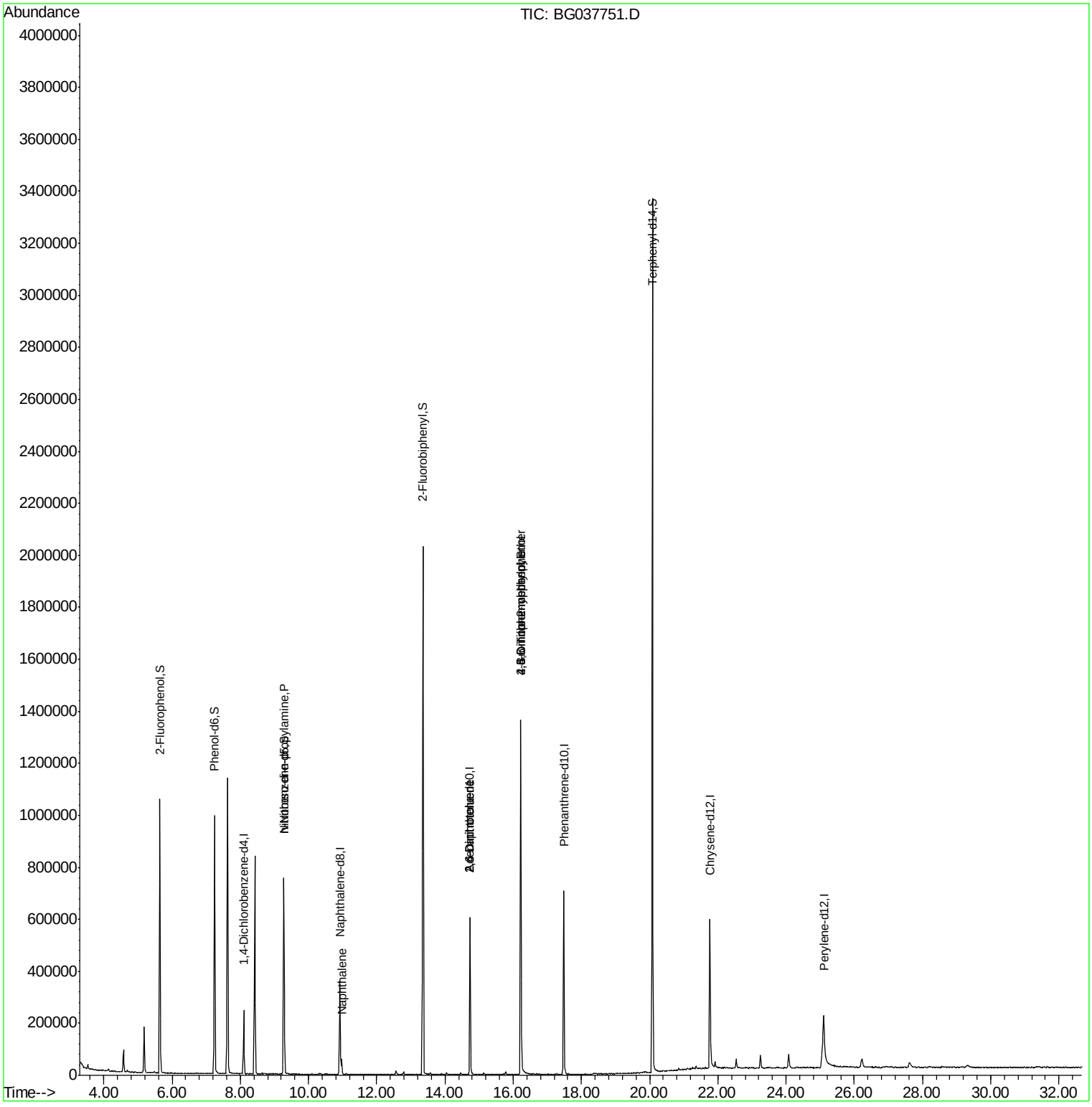
(#) = qualifier out of range (m) = manual integration (+) = signals summed

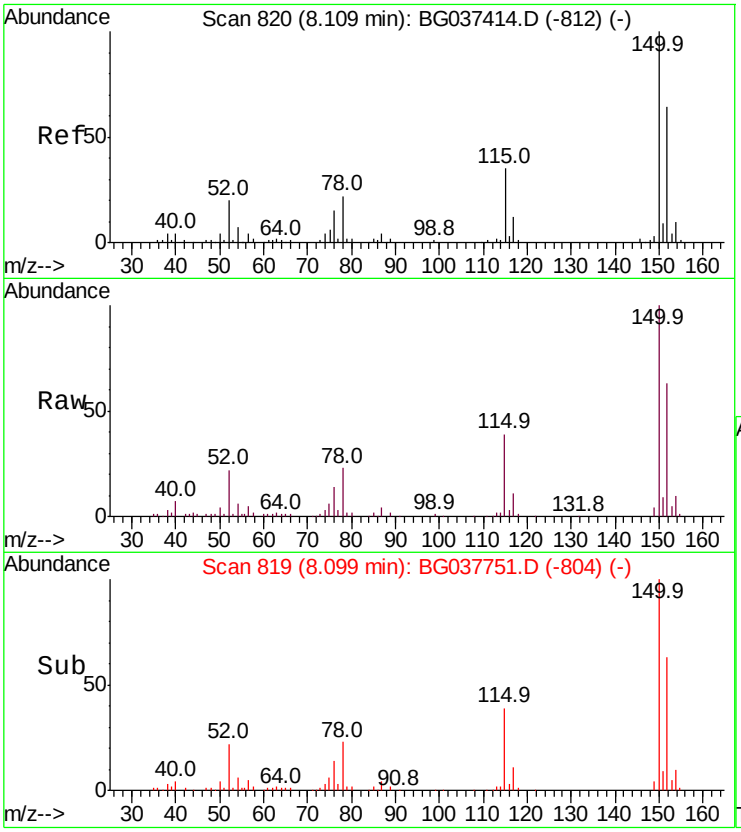
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
Data File : BG037751.D
Acq On : 2 Nov 2018 12:07
Operator : JU/SJ
Sample : J5741-34
Misc :
ALS Vial : 33 Sample Multiplier: 1

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

Quant Time: Nov 02 14:25:53 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



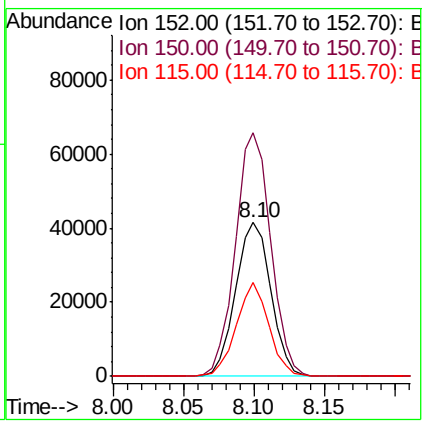


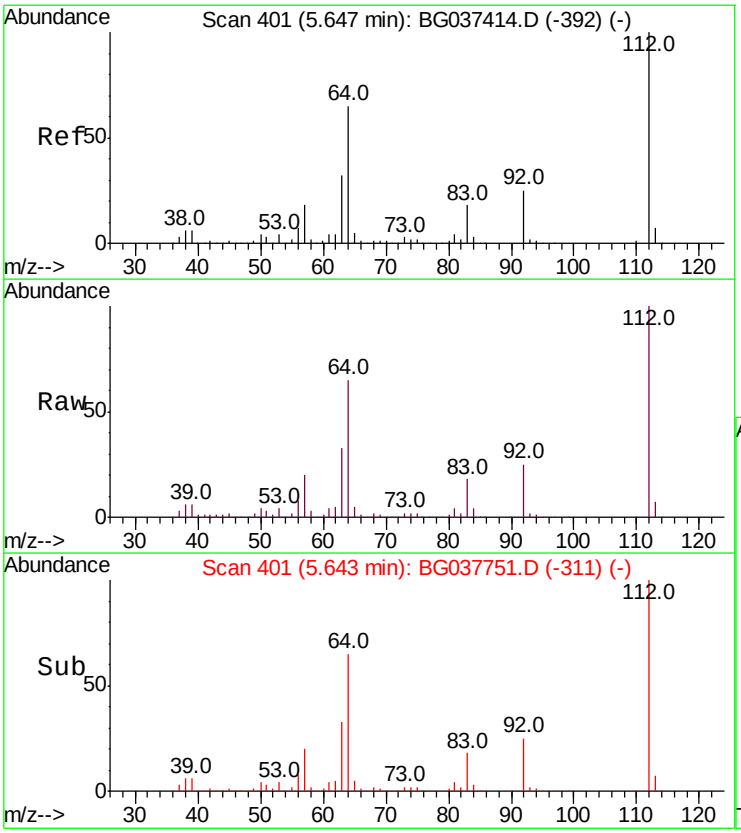

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037751.D
Acq: 2 Nov 2018 12:07

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

Tgt Ion:152 Resp: 72452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.5 | 126.0 | 189.0 |
| 115 | 61.3 | 45.5 | 68.3 |

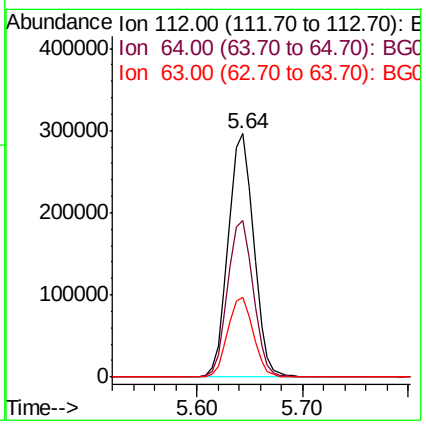


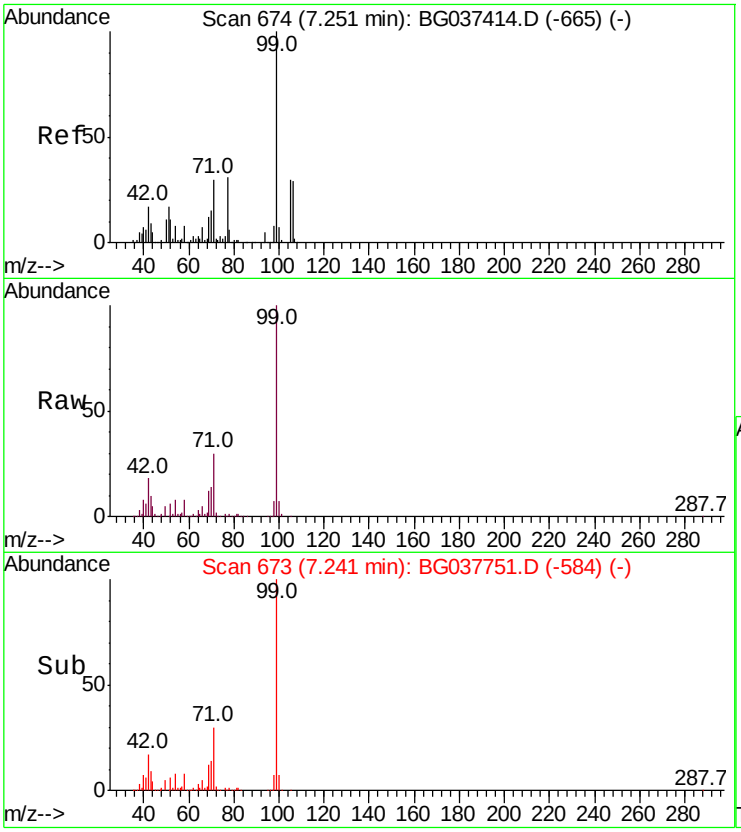




#5
2-Fluorophenol
Concen: 114.221 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037751.D
Acq: 2 Nov 2018 12:07

Tgt Ion:112 Resp: 494994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 64.5 | 53.1 | 79.7 |
| 63 | 32.7 | 27.3 | 40.9 |



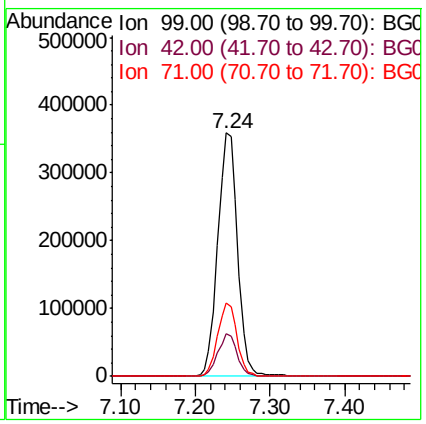


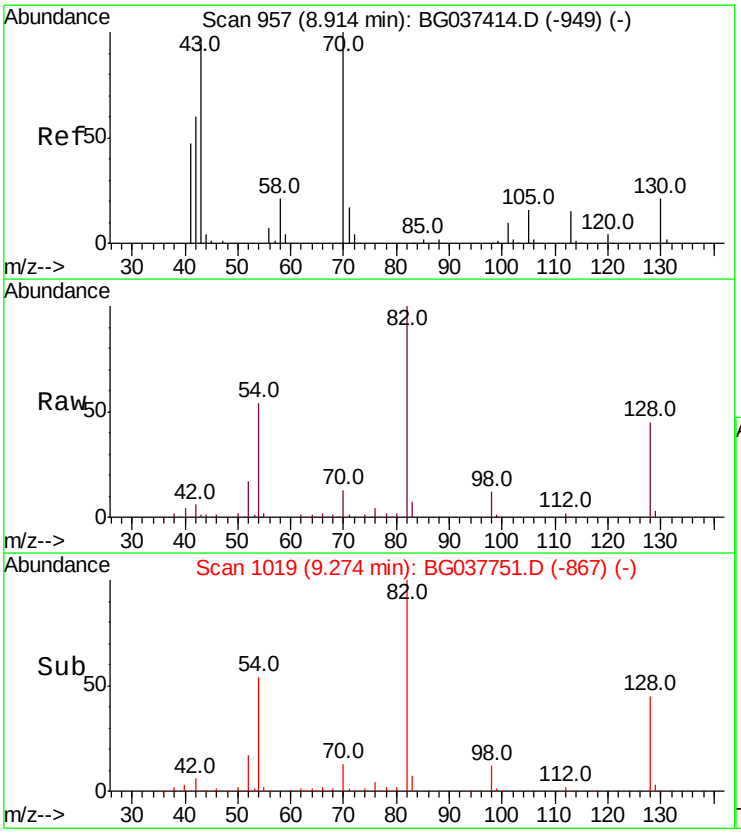

#7
Phenol-d6
Concen: 101.247 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037751.D
Acq: 2 Nov 2018 12:07

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

Tgt Ion: 99 Resp: 663474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.6 | 15.0 | 22.4 |
| 71 | 30.2 | 25.5 | 38.3 |

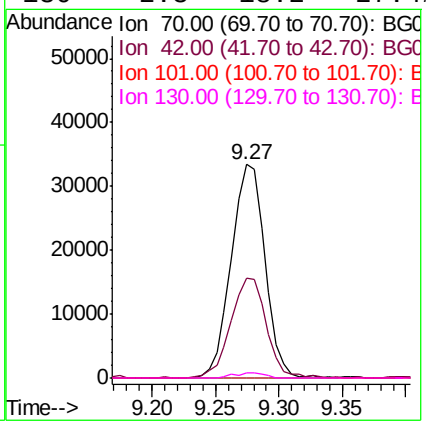


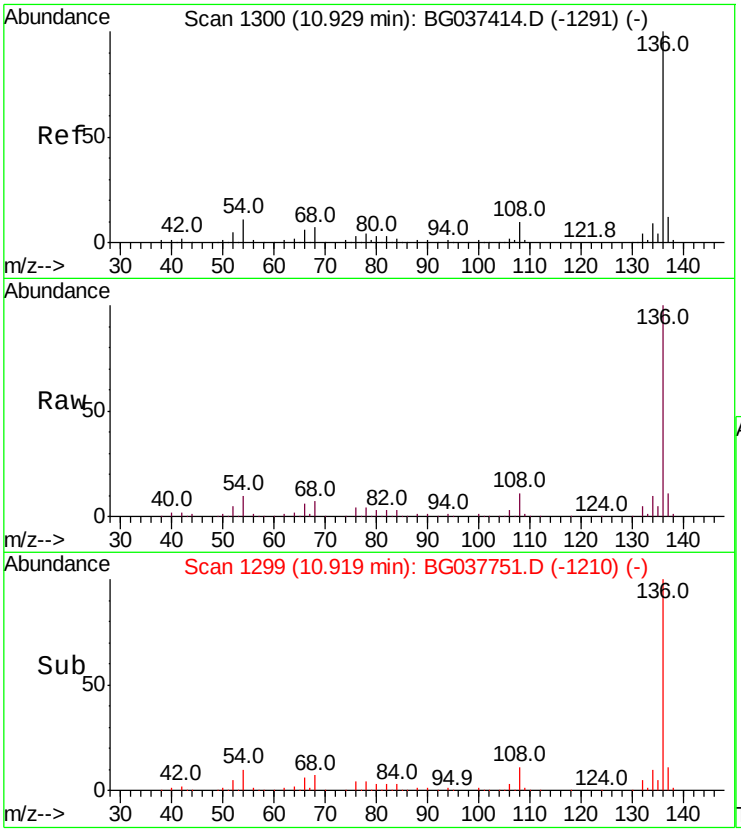




#19
n-Nitroso-di-n-propylamine
Concen: 13.624 ng
RT: 9.27 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037751.D
Acq: 2 Nov 2018 12:07

Tgt Ion: 70 Resp: 61476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 47.0 | 53.9 | 80.9# |
| 101 | 0.0 | 8.2 | 12.2# |
| 130 | 2.3 | 18.2 | 27.4# |



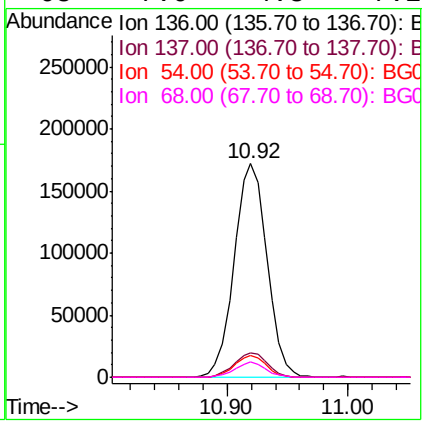


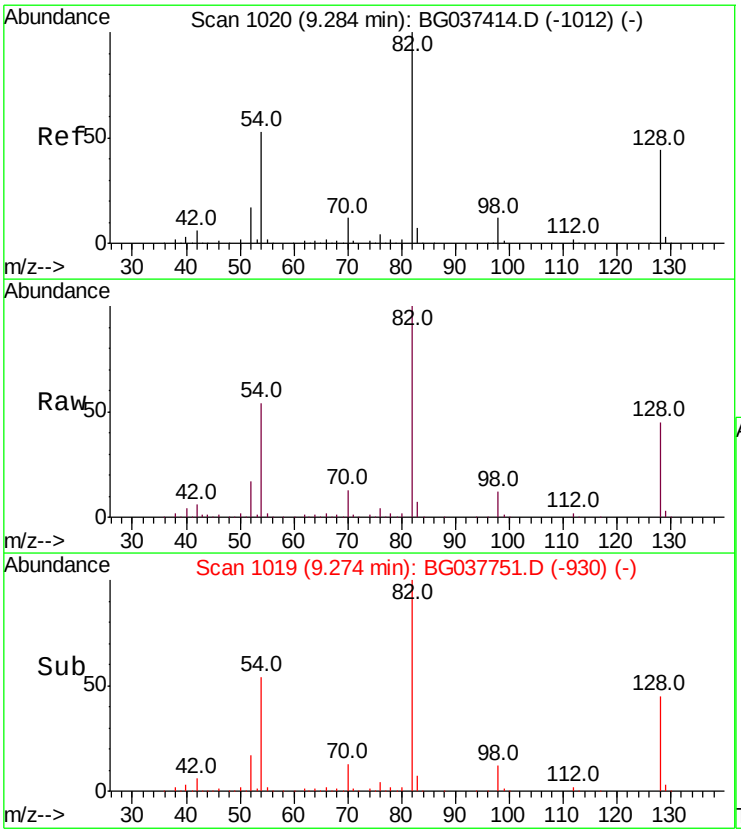

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037751.D
Acq: 2 Nov 2018 12:07

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

Tgt Ion:136 Resp: 324894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 9.6 | 14.4 |
| 54 | 10.1 | 7.9 | 11.9 |
| 68 | 7.0 | 4.8 | 7.2 |

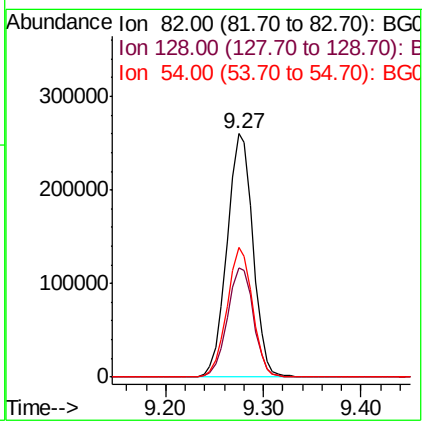


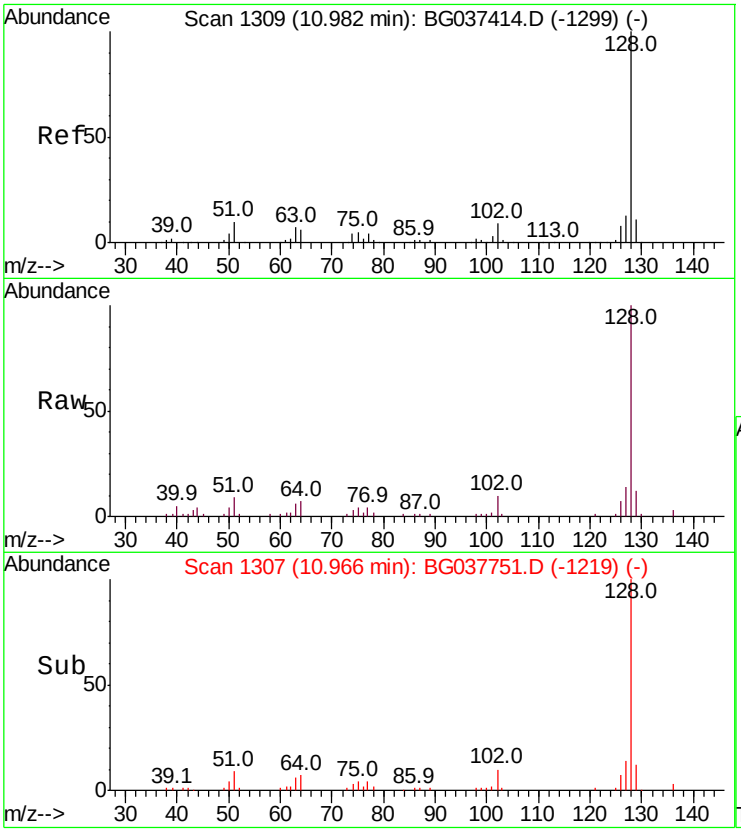




#23
Nitrobenzene-d5
Concen: 82.693 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037751.D
Acq: 2 Nov 2018 12:07

Tgt Ion: 82 Resp: 479596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.7 | 34.6 | 51.8 |
| 54 | 53.5 | 45.3 | 67.9 |



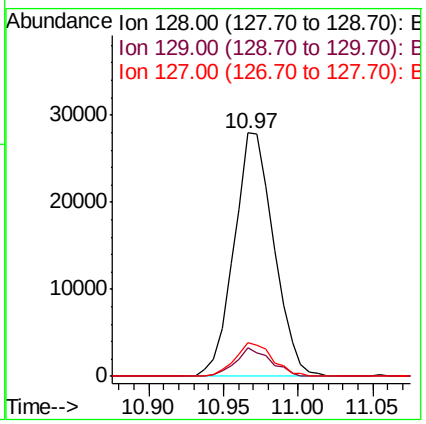


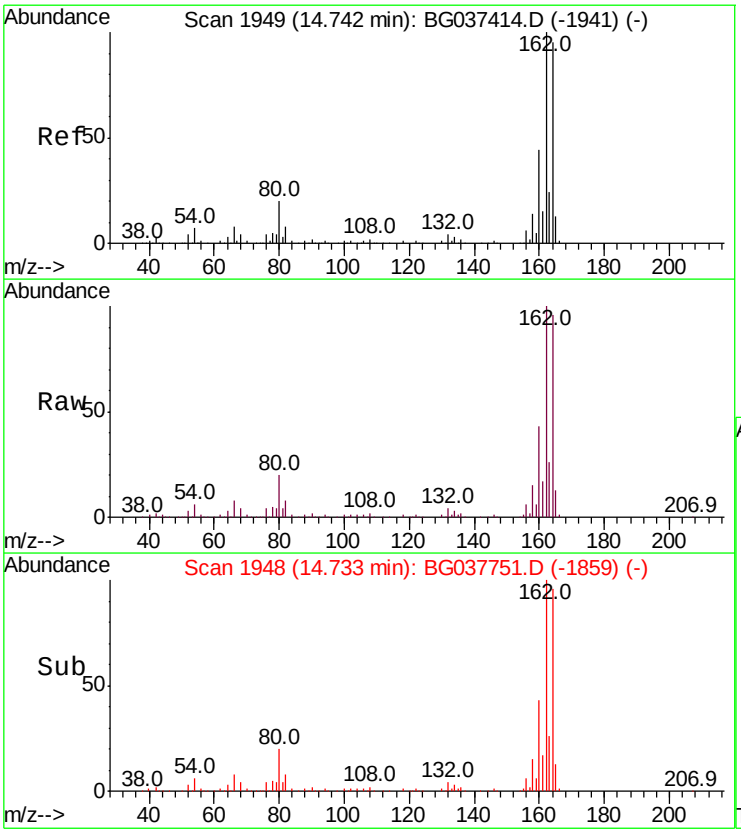

#31
Naphthalene
Concen: 3.242 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BG037751.D
Acq: 2 Nov 2018 12:07

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

Tgt Ion:128 Resp: 51731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.7 | 9.0 | 13.6 |
| 127 | 13.8 | 11.1 | 16.7 |

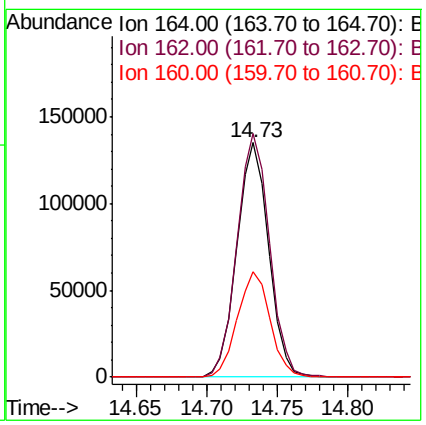


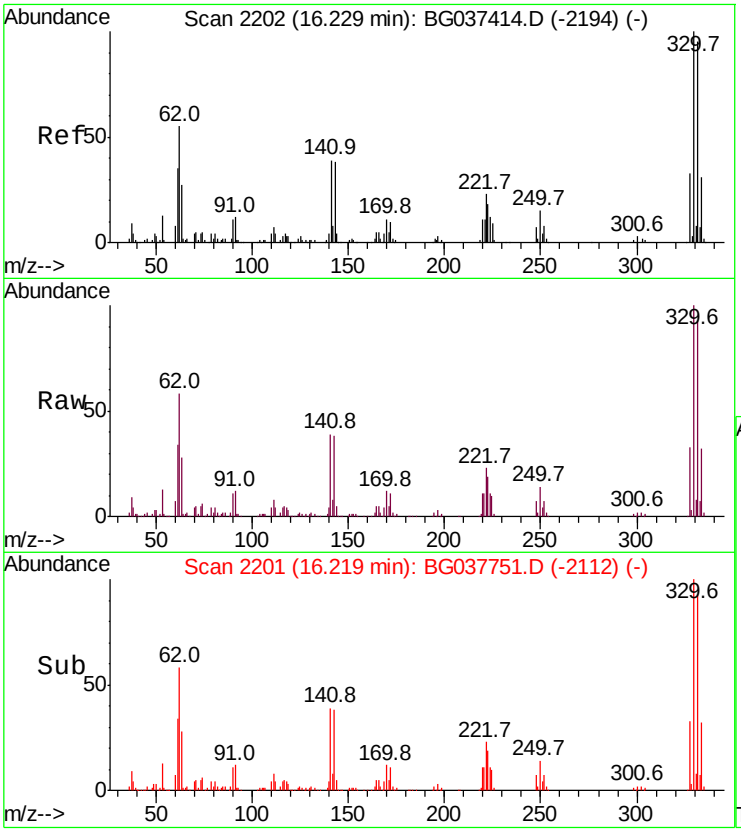




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037751.D
Acq: 2 Nov 2018 12:07

Tgt Ion:164 Resp: 213000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.9 | 81.3 | 121.9 |
| 160 | 44.7 | 36.3 | 54.5 |



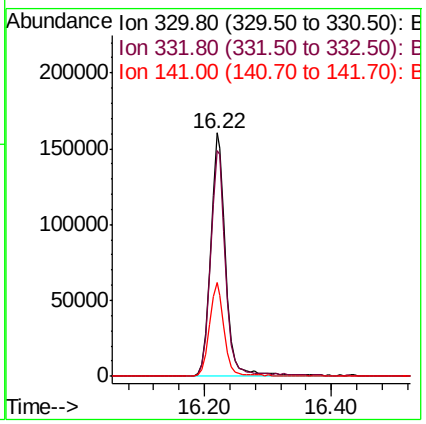


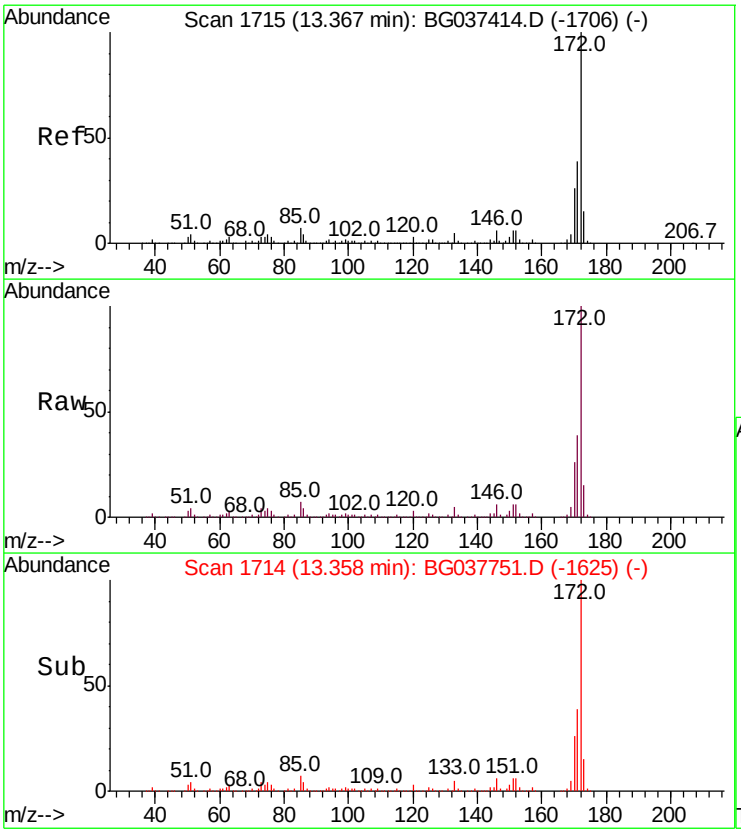

#42
2,4,6-Tribromophenol
Concen: 117.572 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037751.D
Acq: 2 Nov 2018 12:07

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

Tgt Ion:330 Resp: 273140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 92.0 | 78.4 | 117.6 |
| 141 | 37.7 | 32.2 | 48.2 |

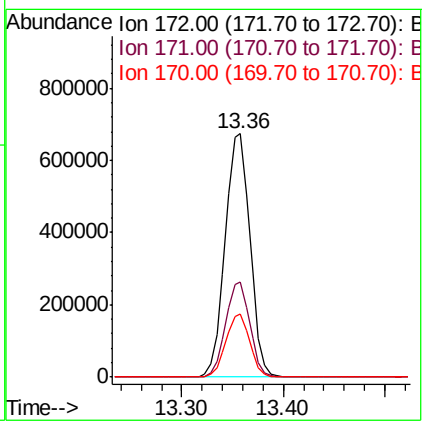


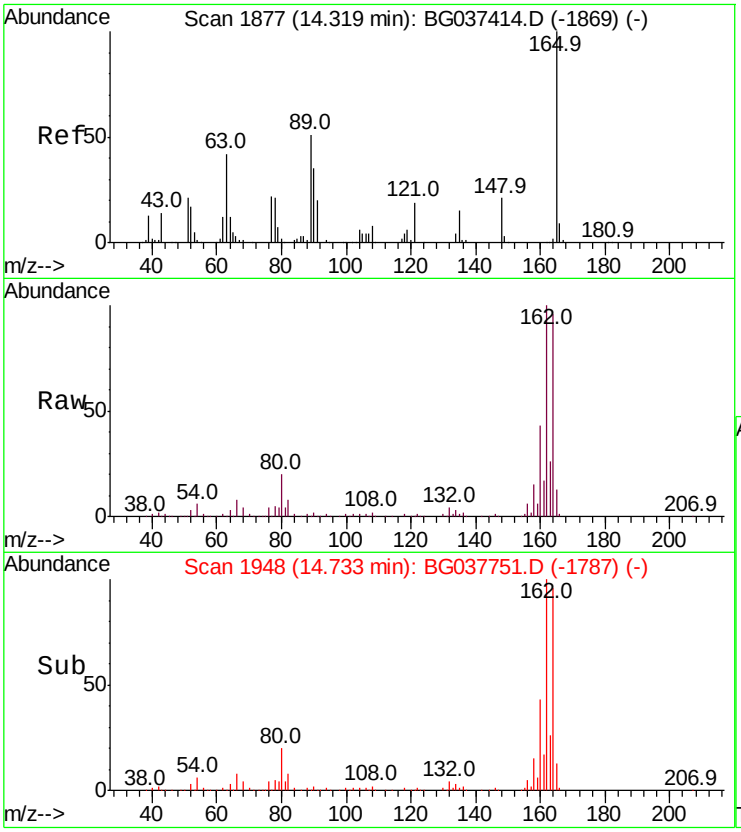




#45
2-Fluorobiphenyl
Concen: 81.252 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037751.D
Acq: 2 Nov 2018 12:07

Tgt Ion:172 Resp: 1147705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 39.0 | 31.0 | 46.4 |
| 170 | 25.8 | 20.2 | 30.2 |



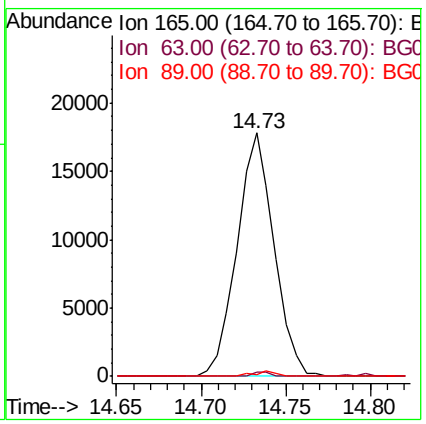


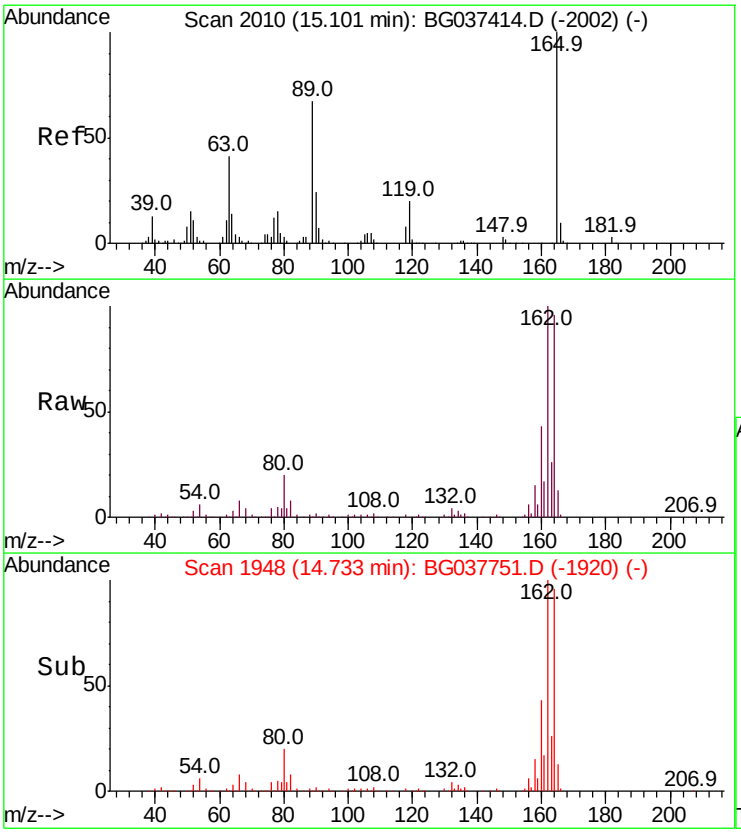

#51
2,6-Dinitrotoluene
Concen: 7.418 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.41 min
Lab File: BG037751.D
Acq: 2 Nov 2018 12:07

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

Tgt Ion:165 Resp: 27040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.7 | 43.4 | 65.2# |
| 89 | 0.9 | 45.8 | 68.6# |

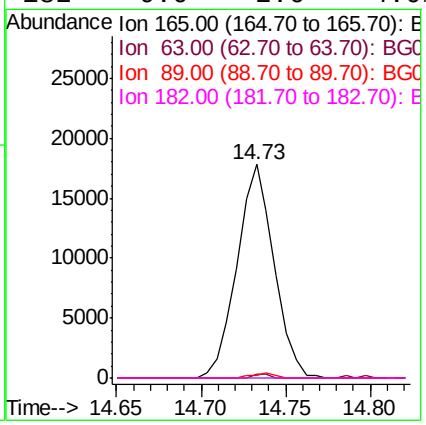


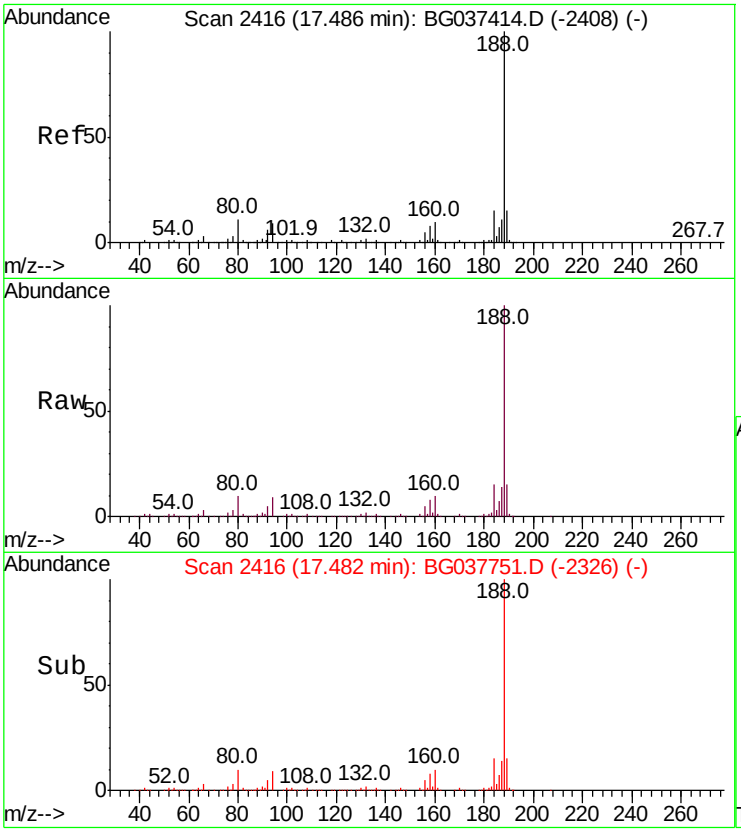




#57
2,4-Dinitrotoluene
Concen: 5.651 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.37 min
Lab File: BG037751.D
Acq: 2 Nov 2018 12:07

Tgt Ion:165 Resp: 27040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.7 | 33.4 | 50.0# |
| 89 | 0.9 | 57.2 | 85.8# |
| 182 | 0.0 | 2.6 | 4.0# |



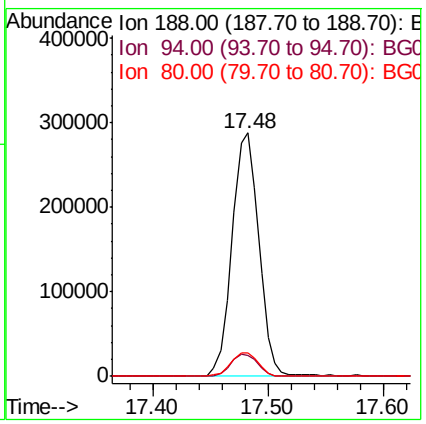


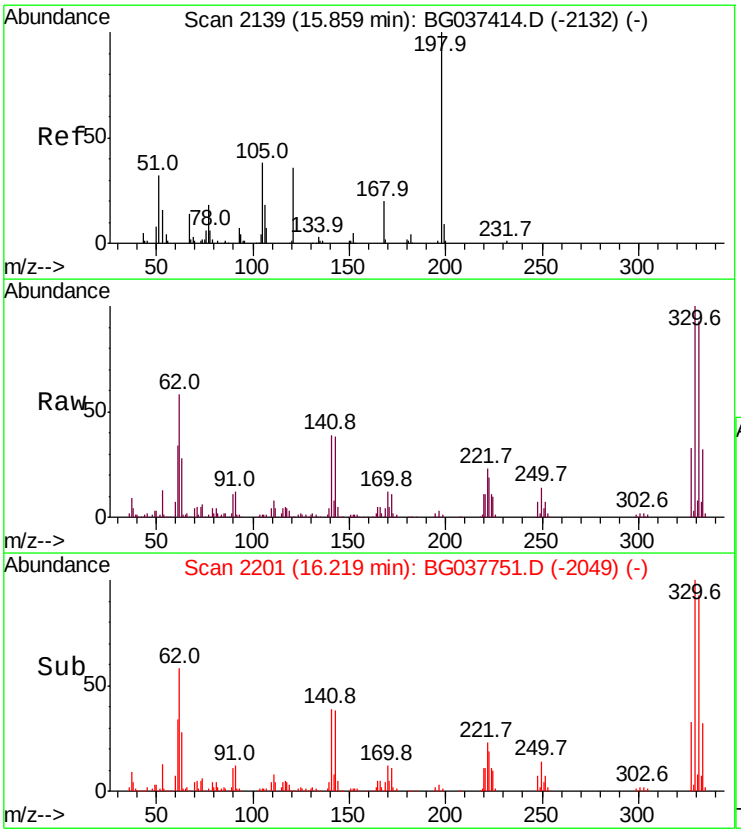

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037751.D
Acq: 2 Nov 2018 12:07

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

Tgt Ion:188 Resp: 463191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.7 | 7.2 | 10.8 |
| 80 | 9.8 | 7.7 | 11.5 |

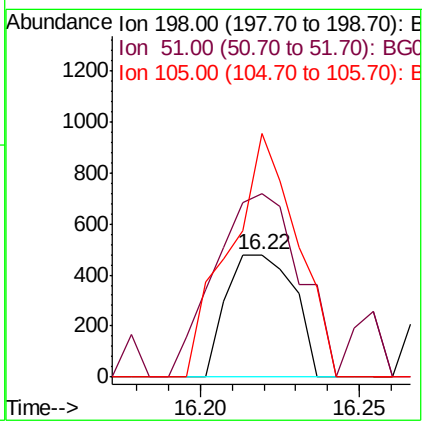


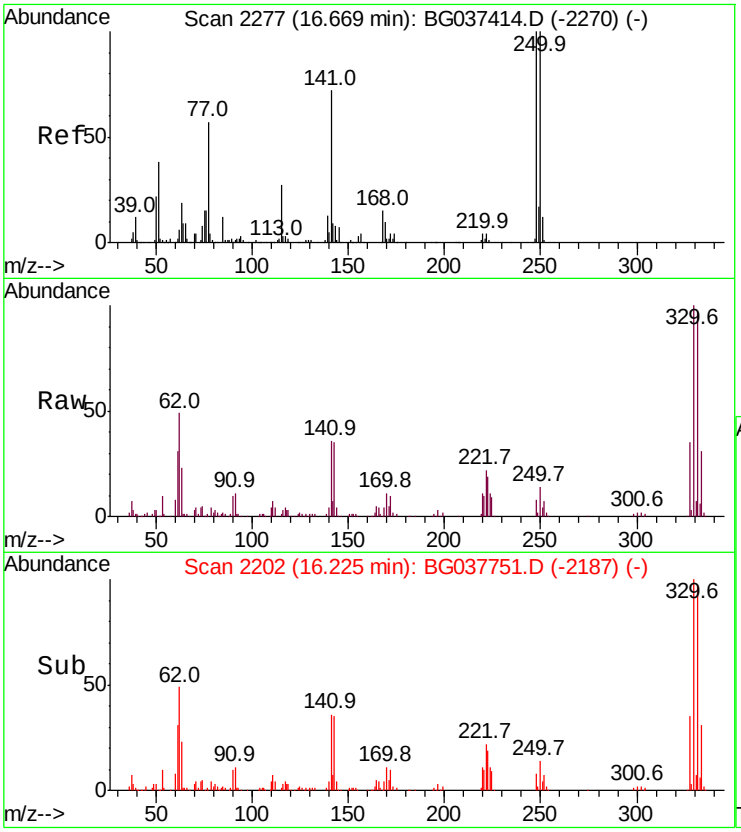




#65
4,6-Dinitro-2-methylphenol
Concen: 8.746 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.36 min
Lab File: BG037751.D
Acq: 2 Nov 2018 12:07

Tgt Ion:198 Resp: 706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 25.6 | 22.7 | 62.7 |
| 105 | 33.9 | 19.7 | 59.7 |



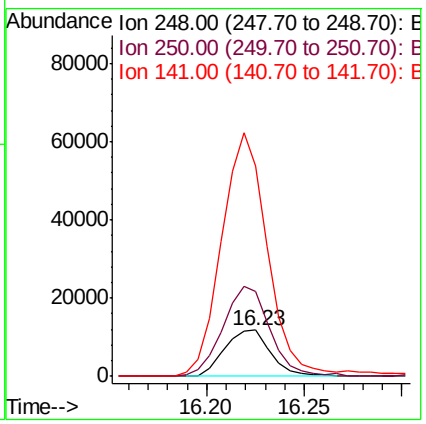


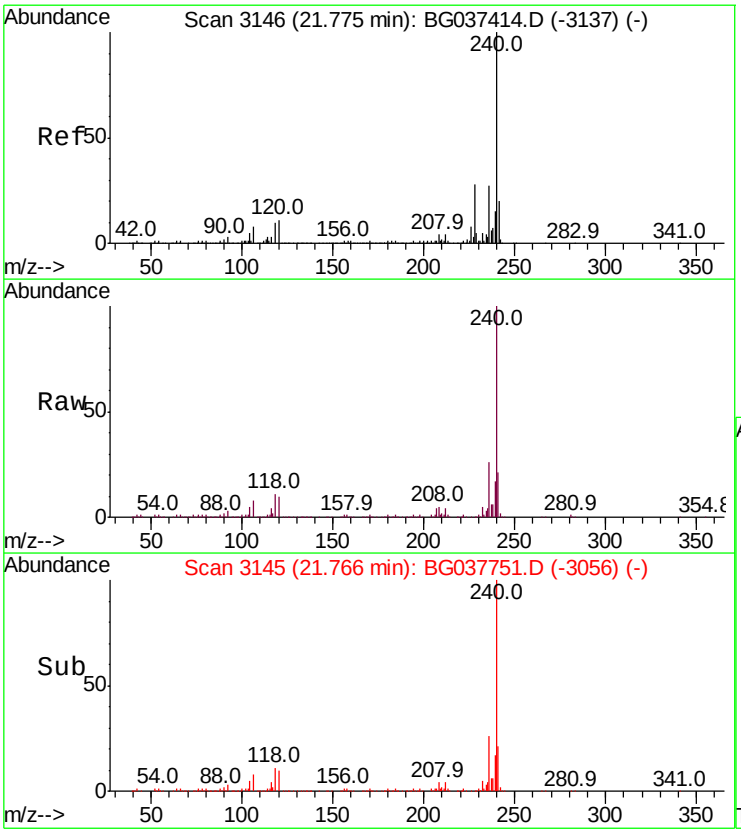

#67
4-Bromophenyl-phenylether
Concen: 3.776 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.44 min
Lab File: BG037751.D
Acq: 2 Nov 2018 12:07

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

Tgt Ion:248 Resp: 19205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 182.0 | 77.0 | 115.6# |
| 141 | 344.7 | 55.5 | 83.3# |

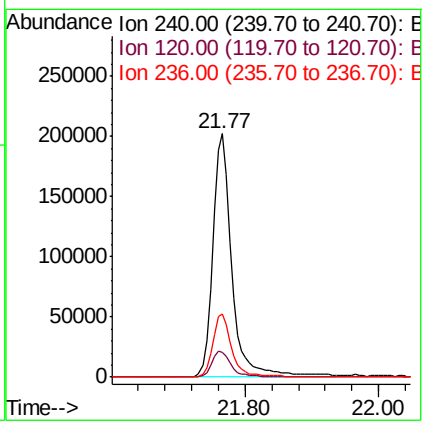


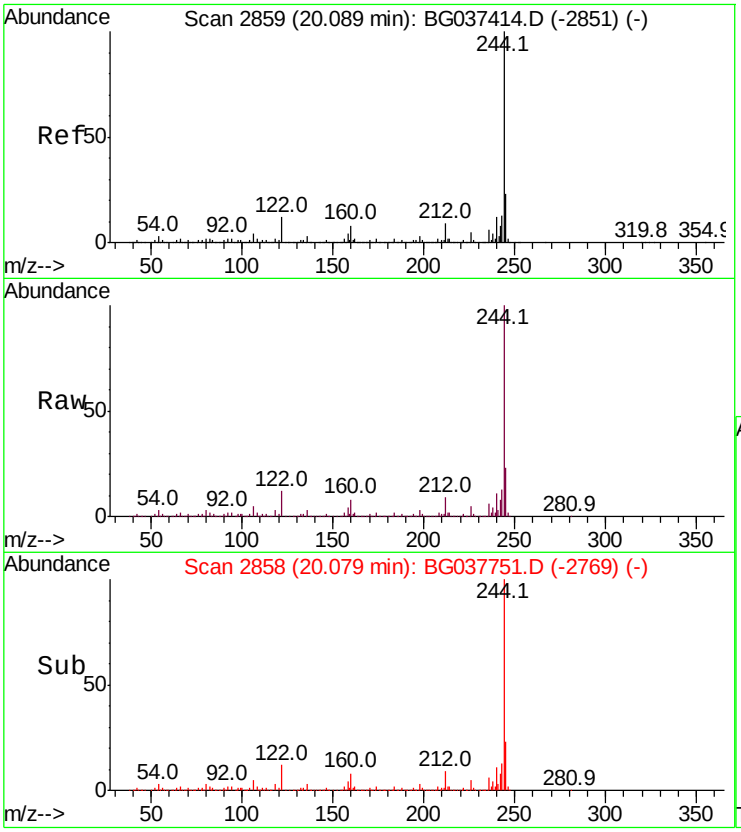




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037751.D
Acq: 2 Nov 2018 12:07

Tgt Ion:240 Resp: 409001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.4 | 8.1 | 12.1 |
| 236 | 25.8 | 21.4 | 32.0 |



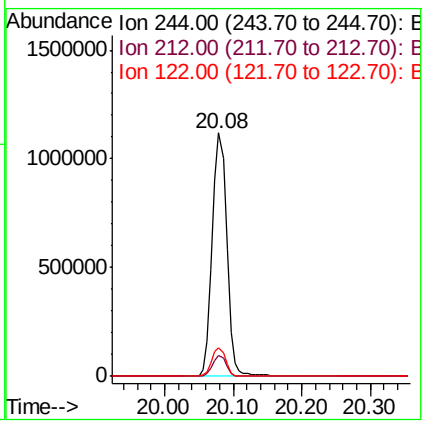


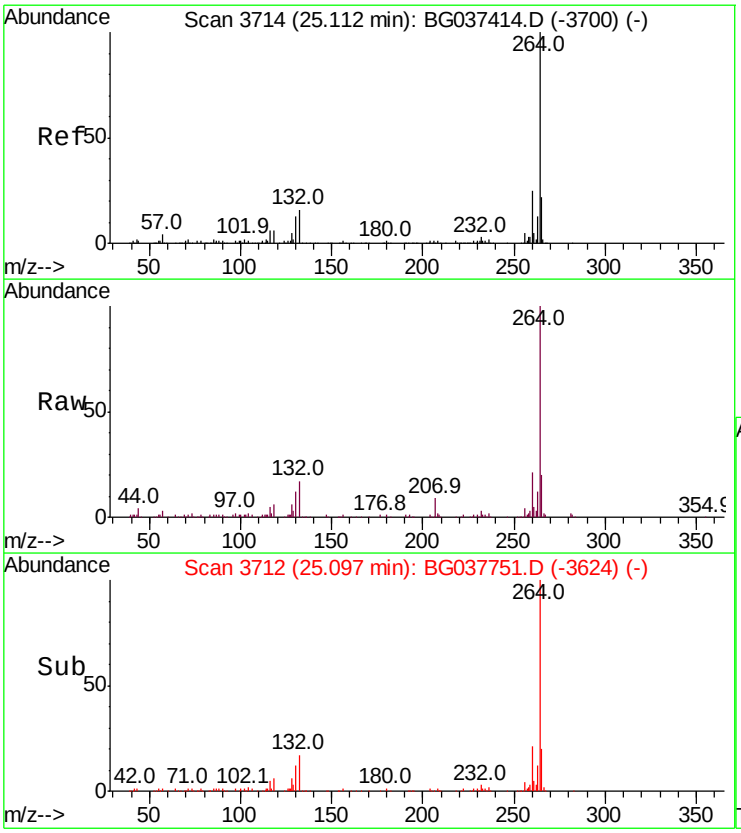

#79
Terphenyl-d14
Concen: 86.481 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037751.D
Acq: 2 Nov 2018 12:07

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

Tgt Ion:244 Resp: 1655343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.8 | 6.5 | 9.7 |
| 122 | 12.0 | 9.0 | 13.4 |




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG037751.D
Acq: 2 Nov 2018 12:07

Tgt Ion:264 Resp: 311278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 21.3 | 18.2 | 27.4 |
| 265 | 20.4 | 17.9 | 26.9 |