Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
Data File : BG043727.D
Acq On : 20 Nov 2019 14:37
Operator : JU
Sample : K5904-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Nov 21 00:34:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 15:23:15 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.99 | 152 | 27395 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.80 | 136 | 98332 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.62 | 164 | 71881 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.37 | 188 | 184401 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.63 | 240 | 200629 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 24.80 | 264 | 228543 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.58 | 112 | 123055 | 82.31 | ng | 0.00 |
| 7) Phenol-d6 | 7.18 | 99 | 172812 | 80.34 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.15 | 82 | 101400 | 53.16 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.11 | 330 | 94276 | 68.92 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.24 | 172 | 274733 | 52.81 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.97 | 244 | 627194 | 58.65 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 10) Phenol | 7.20 | 94 | 5990 | 3.048 | ng | # 53 |
| 19) n-Nitroso-di-n-propylamine | 9.15 | 70 | 13782 | 9.916 | ng | # 76 |
| 50) Dimethylphthalate | 14.09 | 163 | 19081 | 3.427 | ng | 96 |
| 51) 2,6-Dinitrotoluene | 14.62 | 165 | 10008 | 8.274 | ng | # 25 |
| 57) 2,4-Dinitrotoluene | 14.62 | 165 | 10008 | 5.790 | ng | # 25 |
| 67) 4-Bromophenyl-phenylether | 16.11 | 248 | 6049 | 2.438 | ng | # 1 |
| 77) Benzidine | 19.97 | 184 | 9760 | 2.417 | ng | # 1 |

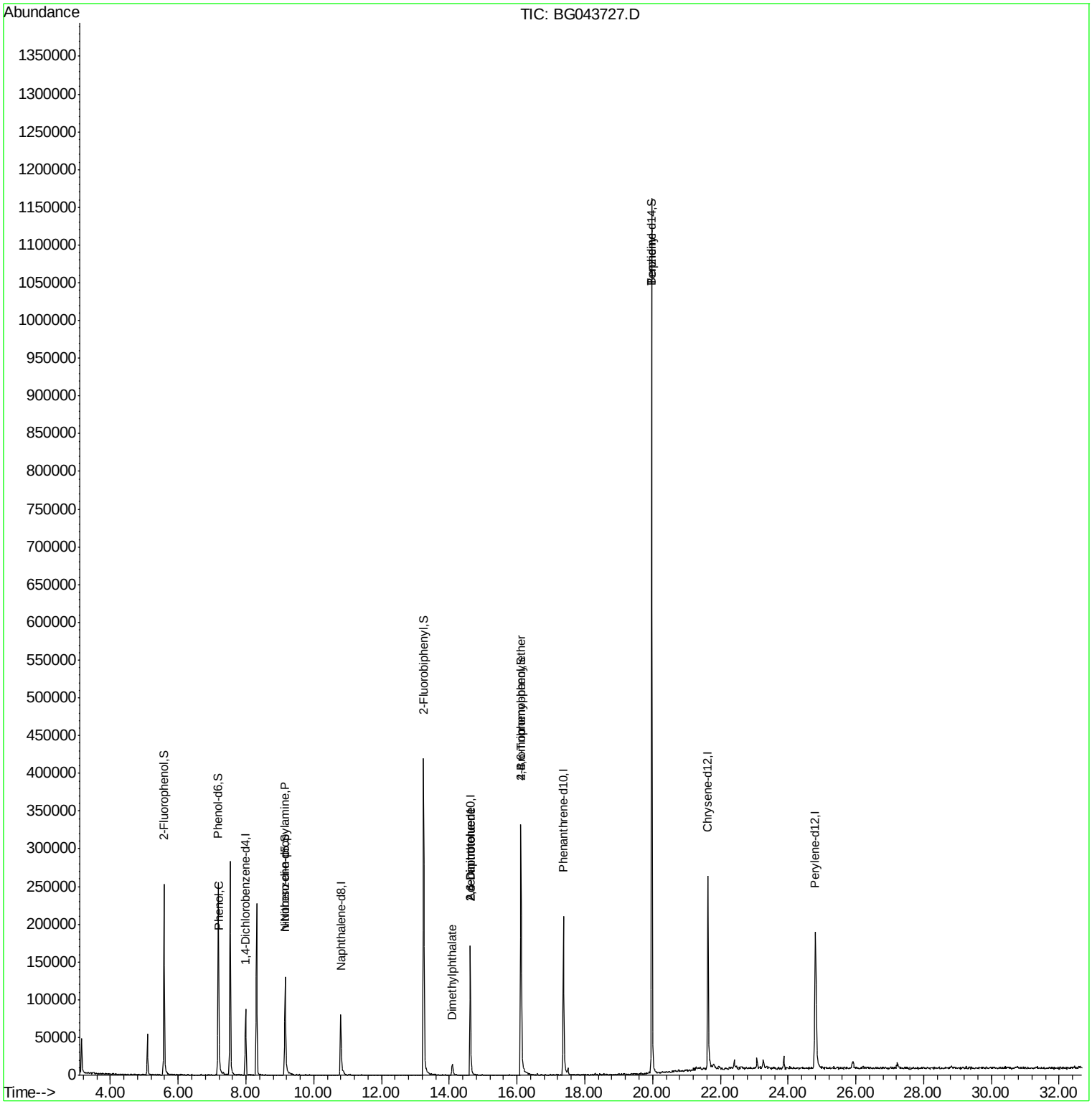
(#) = qualifier out of range (m) = manual integration (+) = signals summed

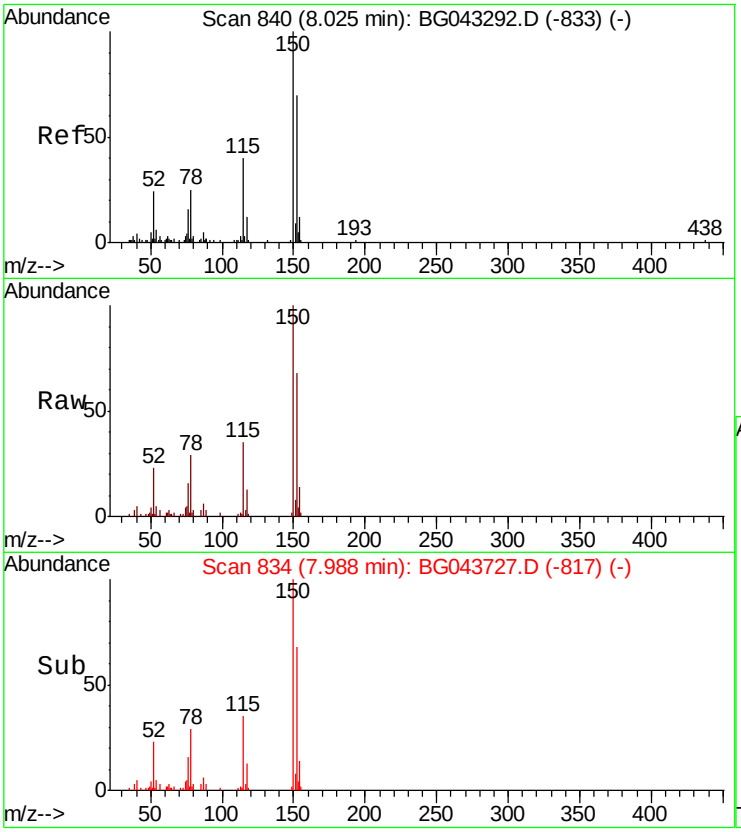
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
Data File : BG043727.D
Acq On : 20 Nov 2019 14:37
Operator : JU
Sample : K5904-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Nov 21 00:34:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 15:23:15 2019
Response via : Initial Calibration



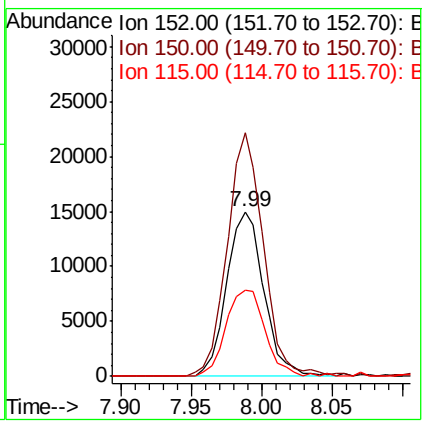


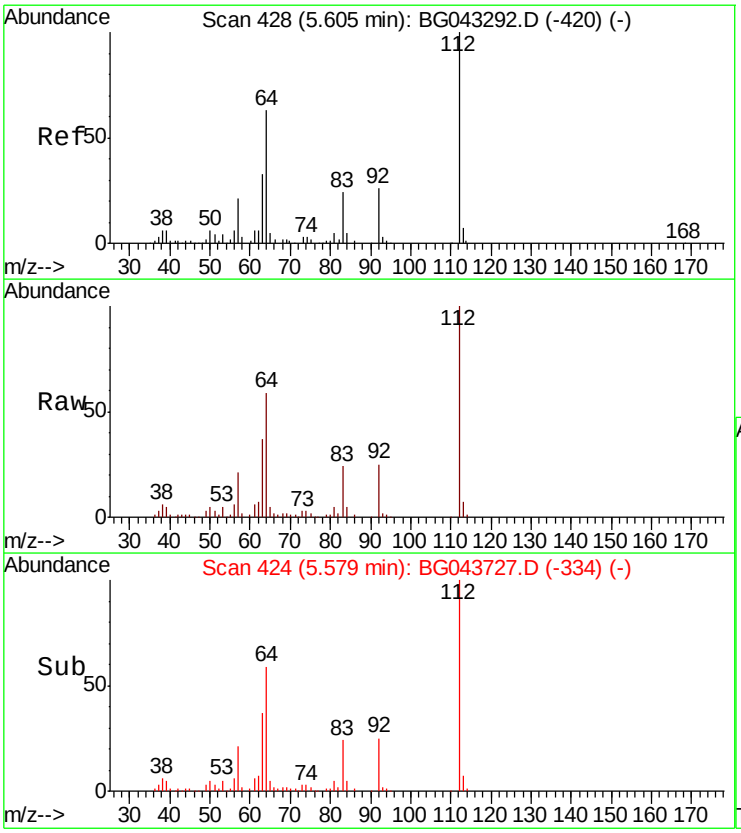

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043727.D
Acq: 20 Nov 2019 14:37

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

Tgt Ion:152 Resp: 27395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 147.7 | 116.6 | 175.0 |
| 115 | 52.1 | 40.5 | 60.7 |

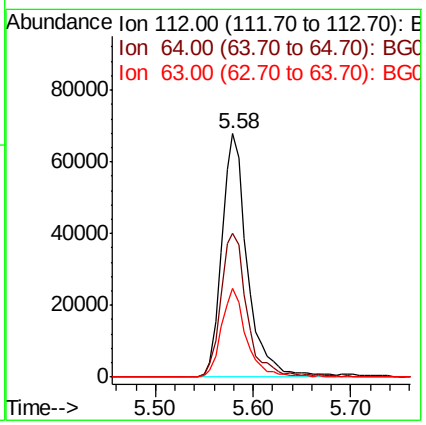


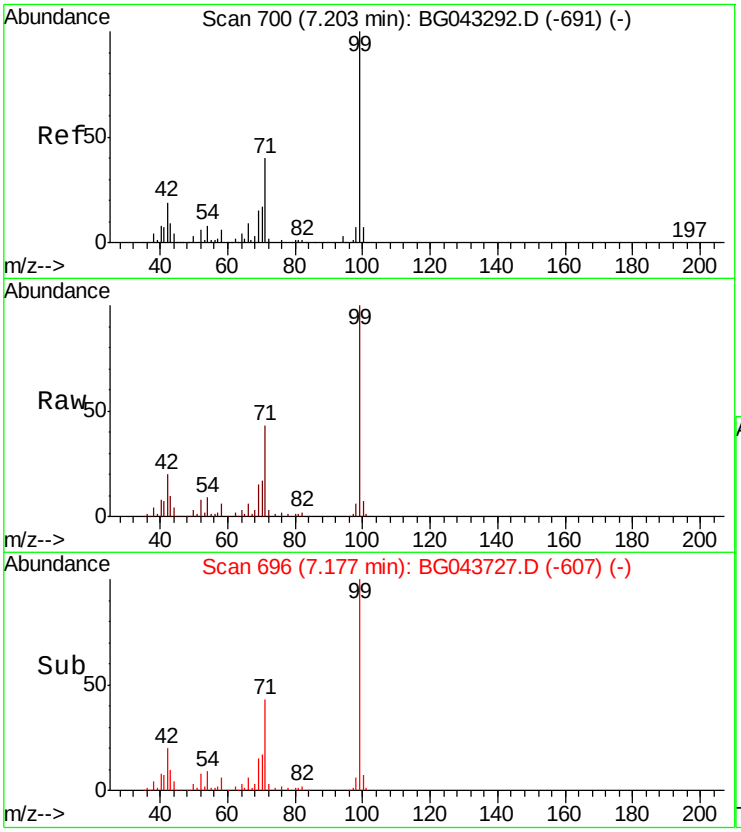




#5
2-Fluorophenol
Concen: 82.311 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG043727.D
Acq: 20 Nov 2019 14:37

Tgt Ion:112 Resp: 123055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.2 | 50.6 | 75.8 |
| 63 | 36.7 | 30.5 | 45.7 |



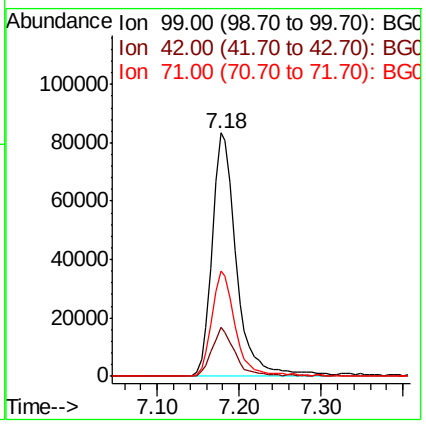


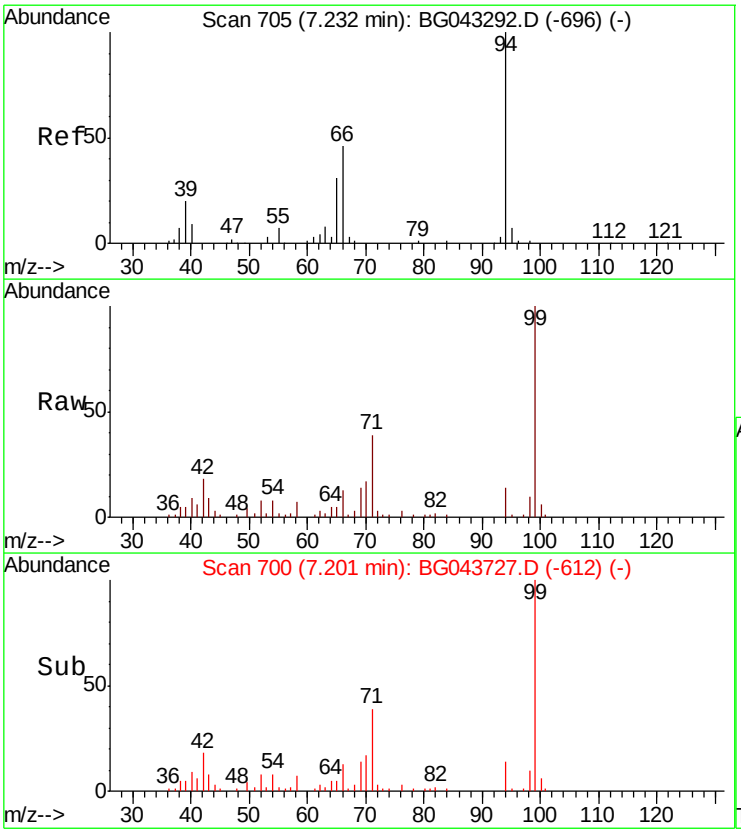

#7
Phenol-d6
Concen: 80.342 ng
RT: 7.18 min Scan# 696
Delta R.T. -0.01 min
Lab File: BG043727.D
Acq: 20 Nov 2019 14:37

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

Tgt Ion: 99 Resp: 172812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.9 | 15.8 | 23.8 |
| 71 | 43.1 | 34.4 | 51.6 |

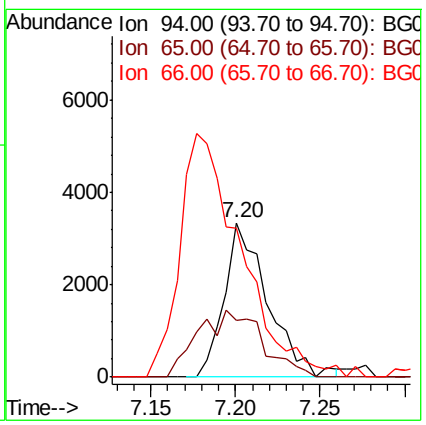


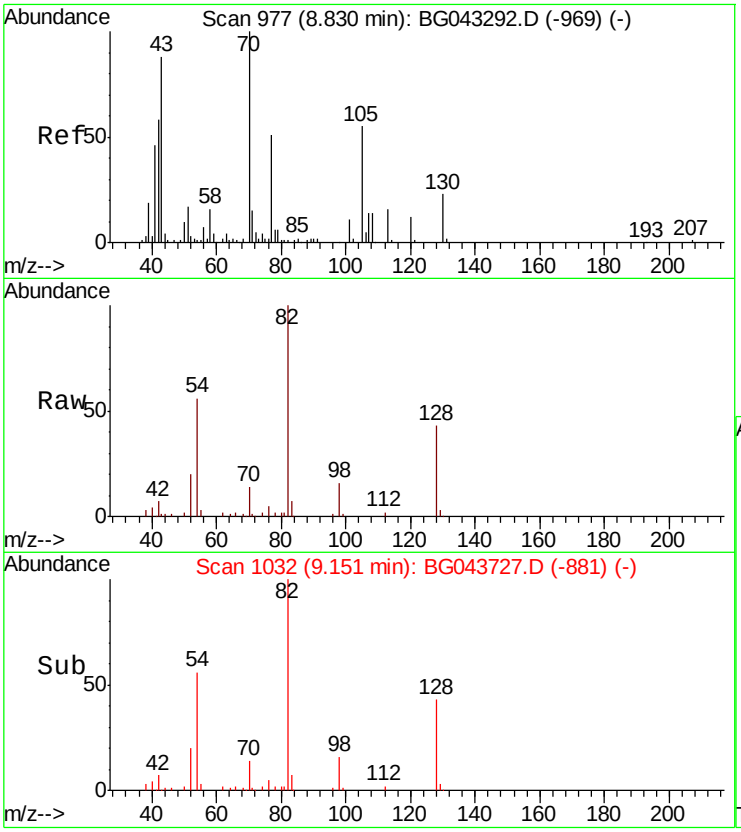




#10
Phenol
Concen: 3.048 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.01 min
Lab File: BG043727.D
Acq: 20 Nov 2019 14:37

Tgt Ion: 94 Resp: 5990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 36.5 | 11.4 | 51.4 |
| 66 | 96.3 | 28.4 | 68.4# |



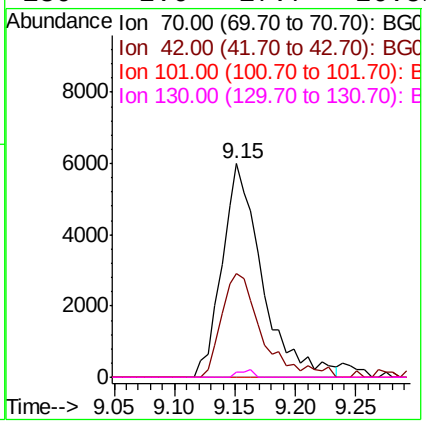


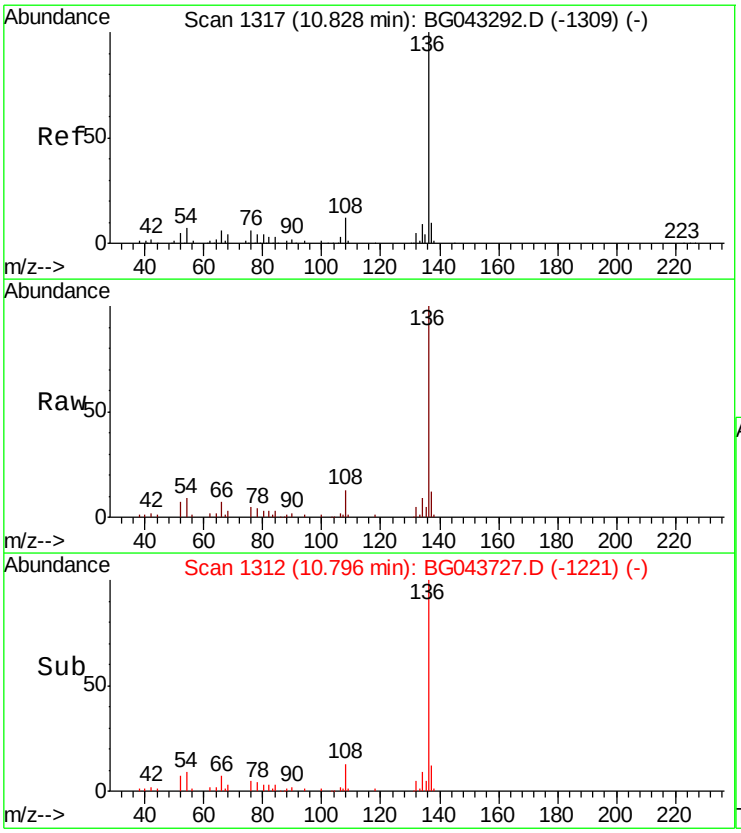

#19
n-Nitroso-di-n-propylamine
Concen: 9.916 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.36 min
Lab File: BG043727.D
Acq: 20 Nov 2019 14:37

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

Tgt Ion: 70 Resp: 13782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 48.8 | 49.7 | 74.5# |
| 101 | 0.0 | 9.7 | 14.5# |
| 130 | 2.6 | 17.7 | 26.5# |

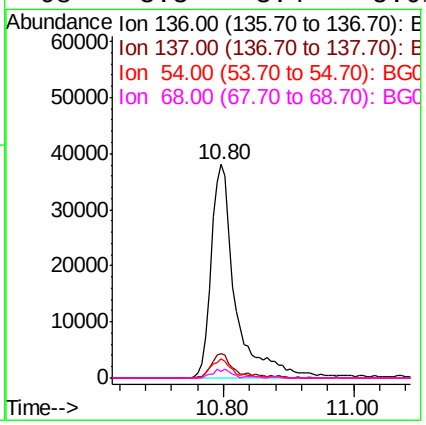


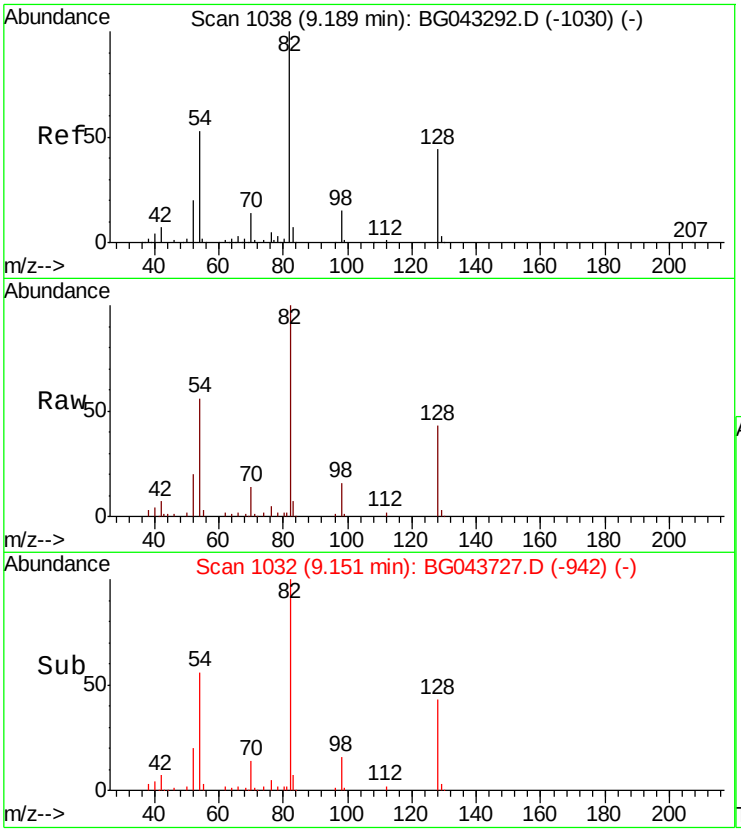




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG043727.D
Acq: 20 Nov 2019 14:37

Tgt Ion:136 Resp: 98332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.6 | 8.8 | 13.2 |
| 54 | 9.0 | 6.2 | 9.2 |
| 68 | 3.3 | 3.4 | 5.0# |



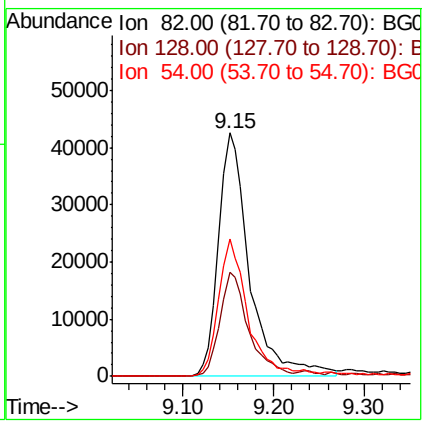


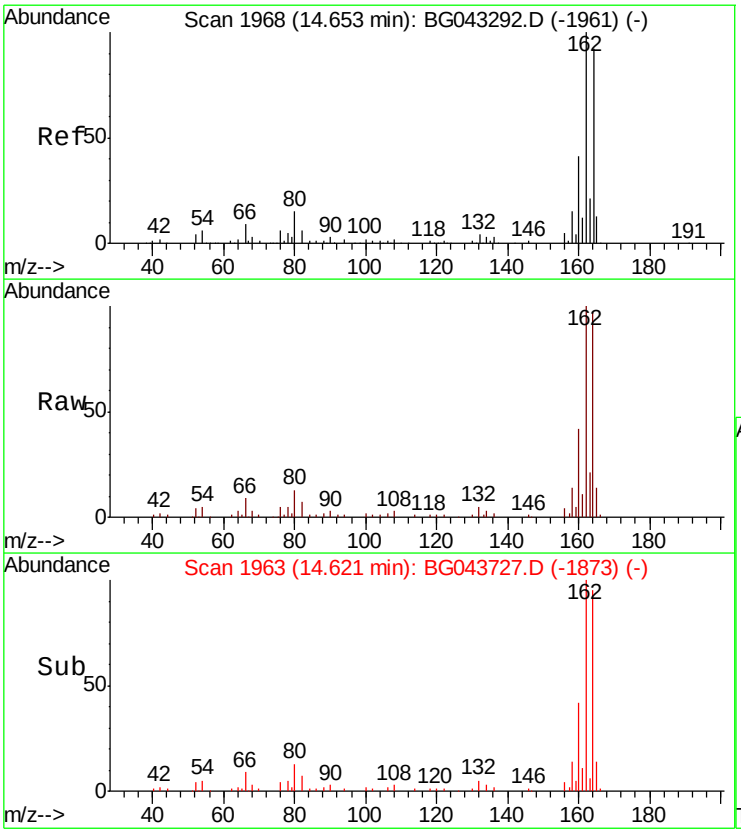

#23
Nitrobenzene-d5
Concen: 53.163 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043727.D
Acq: 20 Nov 2019 14:37

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

Tgt Ion: 82 Resp: 101400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.9 | 34.2 | 51.4 |
| 54 | 56.4 | 44.7 | 67.1 |

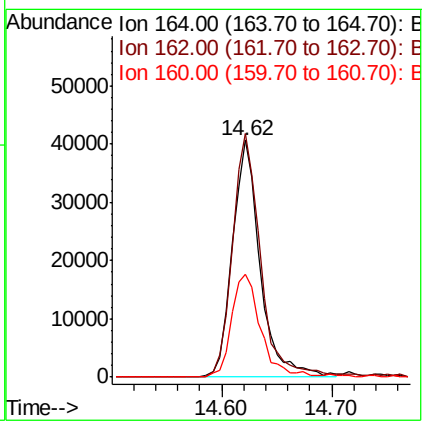


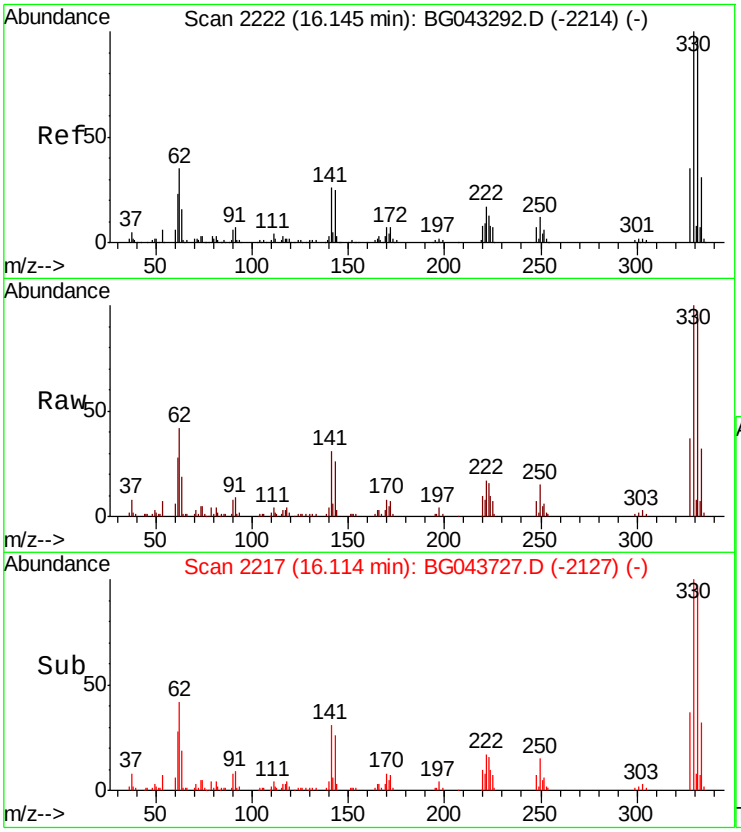




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG043727.D
Acq: 20 Nov 2019 14:37

Tgt Ion:164 Resp: 71881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.8 | 79.4 | 119.2 |
| 160 | 43.5 | 36.3 | 54.5 |



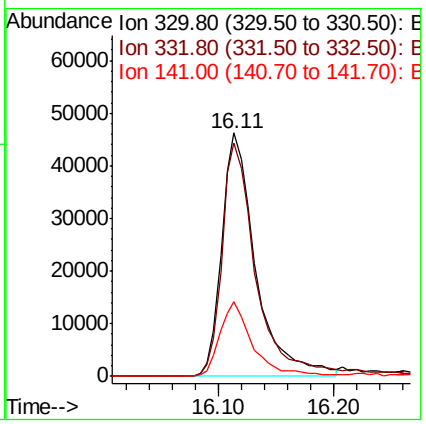


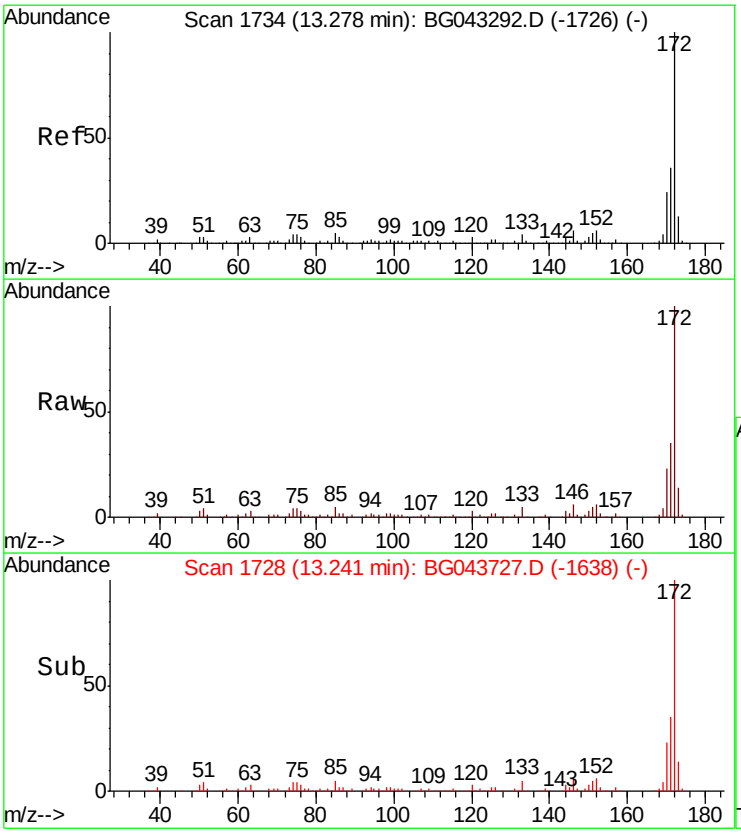

#42
2,4,6-Tribromophenol
Concen: 68.920 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG043727.D
Acq: 20 Nov 2019 14:37

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

Tgt Ion:330 Resp: 94276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.3 | 76.6 | 115.0 |
| 141 | 29.2 | 23.4 | 35.2 |

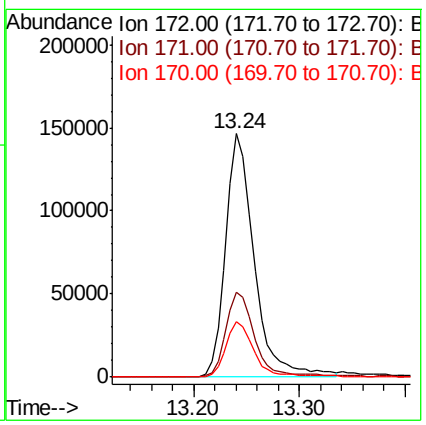


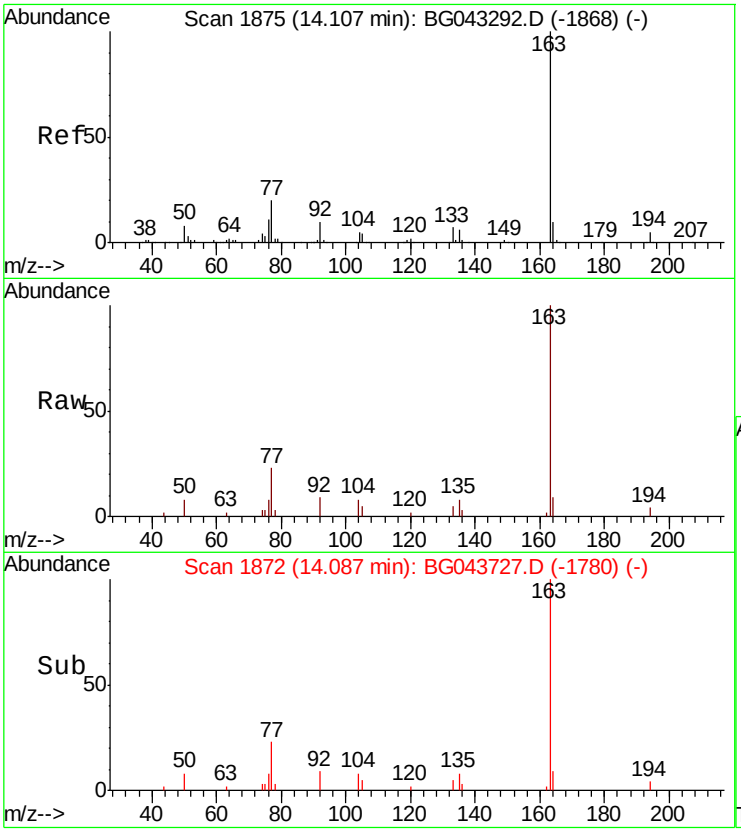




#45
2-Fluorobiphenyl
Concen: 52.813 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG043727.D
Acq: 20 Nov 2019 14:37

Tgt Ion:172 Resp: 274733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.1 | 28.1 | 42.1 |
| 170 | 22.7 | 18.8 | 28.2 |



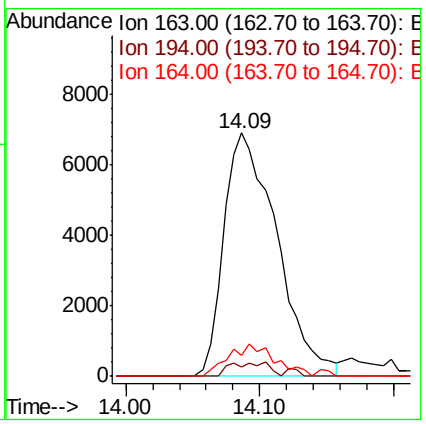


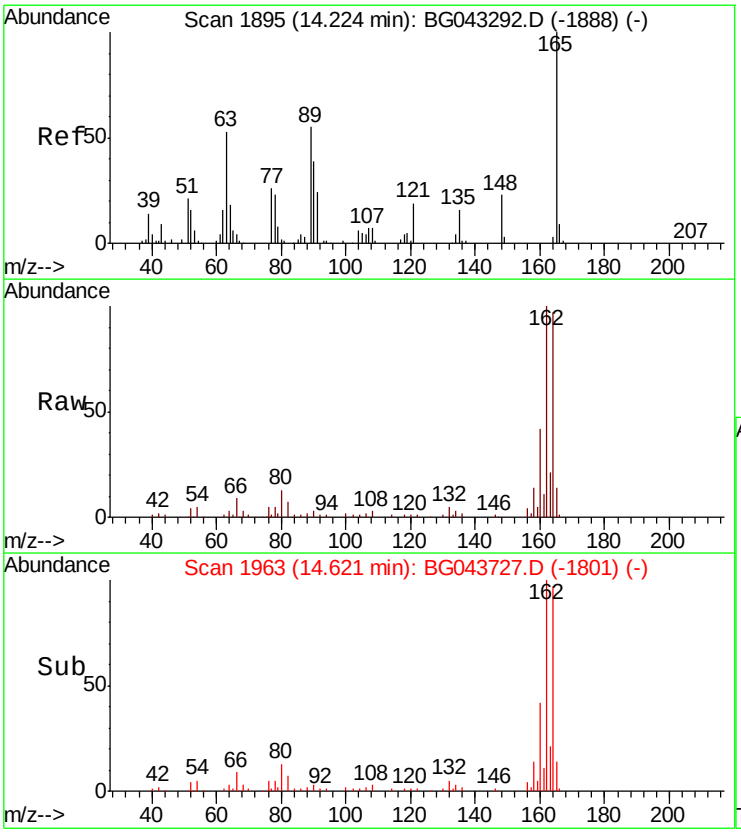

#50
Dimethylphthalate
Concen: 3.427 ng
RT: 14.09 min Scan# 1872
Delta R.T. 0.01 min
Lab File: BG043727.D
Acq: 20 Nov 2019 14:37

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

Tgt Ion:163 Resp: 19081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 3.8 | 5.8 |
| 164 | 8.7 | 8.5 | 12.7 |

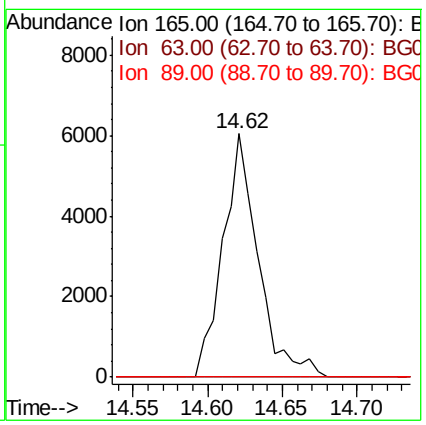


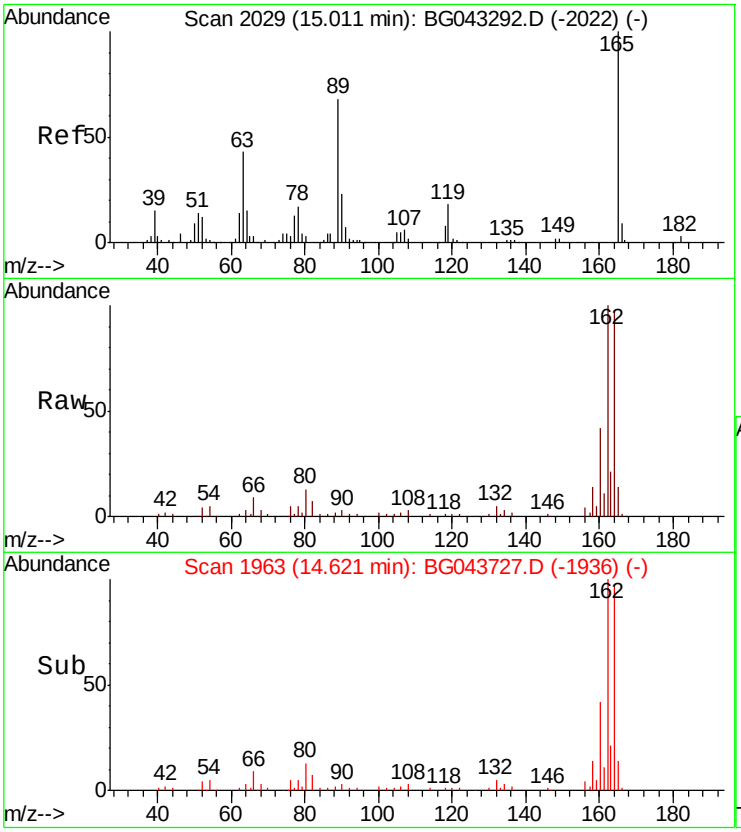




#51
2,6-Dinitrotoluene
Concen: 8.274 ng
RT: 14.62 min Scan# 1963
Delta R.T. 0.42 min
Lab File: BG043727.D
Acq: 20 Nov 2019 14:37

Tgt Ion:165 Resp: 10008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 45.0 | 67.6# |
| 89 | 0.0 | 39.8 | 59.8# |



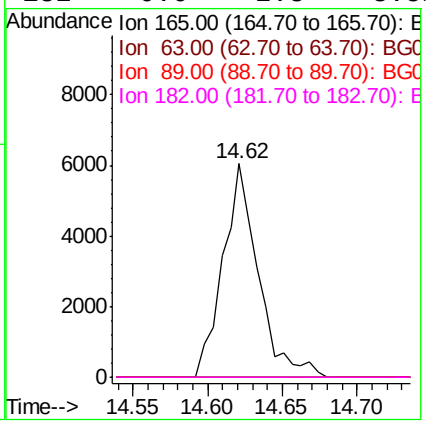


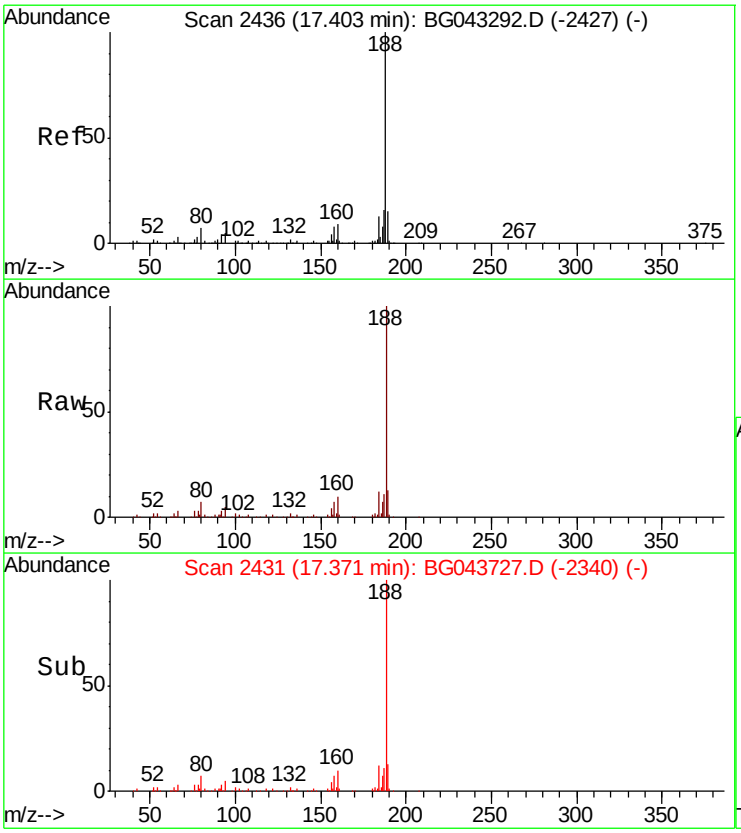

#57
2,4-Dinitrotoluene
Concen: 5.790 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.37 min
Lab File: BG043727.D
Acq: 20 Nov 2019 14:37

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

Tgt Ion:165 Resp: 10008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 37.4 | 56.0# |
| 89 | 0.0 | 50.9 | 76.3# |
| 182 | 0.0 | 2.3 | 3.5# |

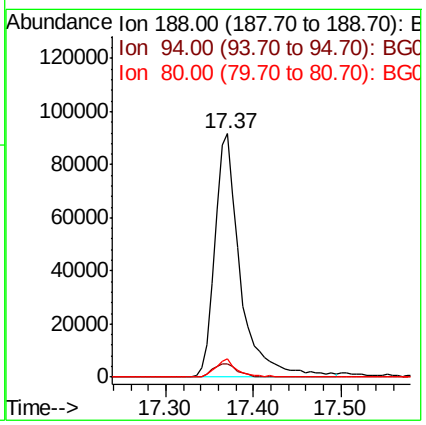


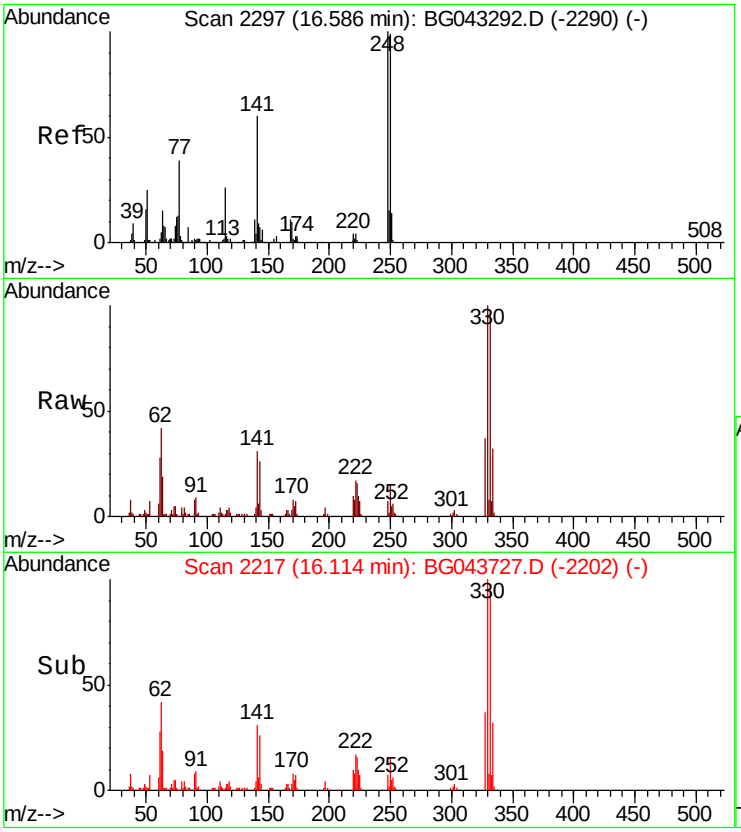




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG043727.D
Acq: 20 Nov 2019 14:37

Tgt Ion:188 Resp: 184401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 5.3 | 4.6 | 7.0 |
| 80 | 7.3 | 5.2 | 7.8 |



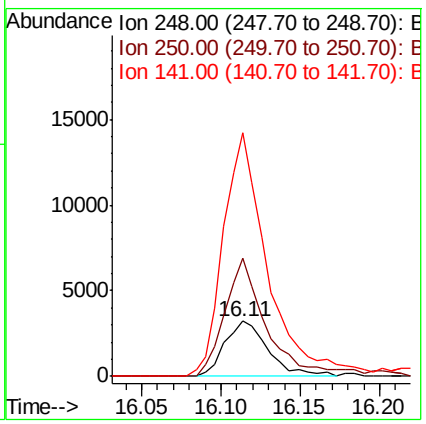


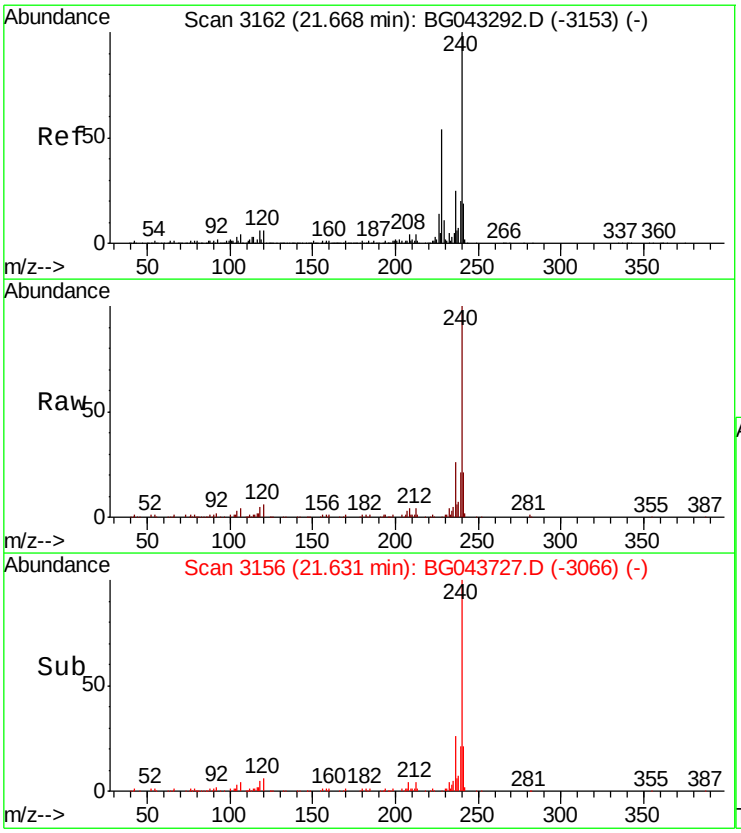

#67
4-Bromophenyl-phenylether
Concen: 2.438 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.44 min
Lab File: BG043727.D
Acq: 20 Nov 2019 14:37

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

Tgt Ion:248 Resp: 6049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 215.7 | 76.3 | 114.5# |
| 141 | 443.5 | 49.5 | 74.3# |

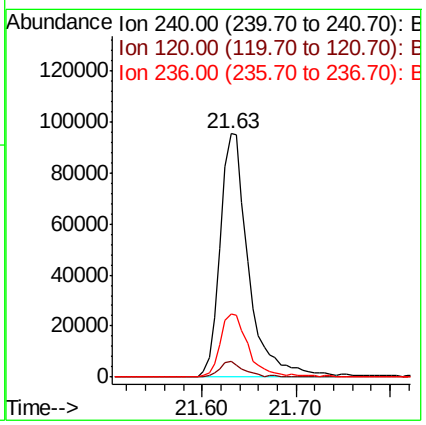


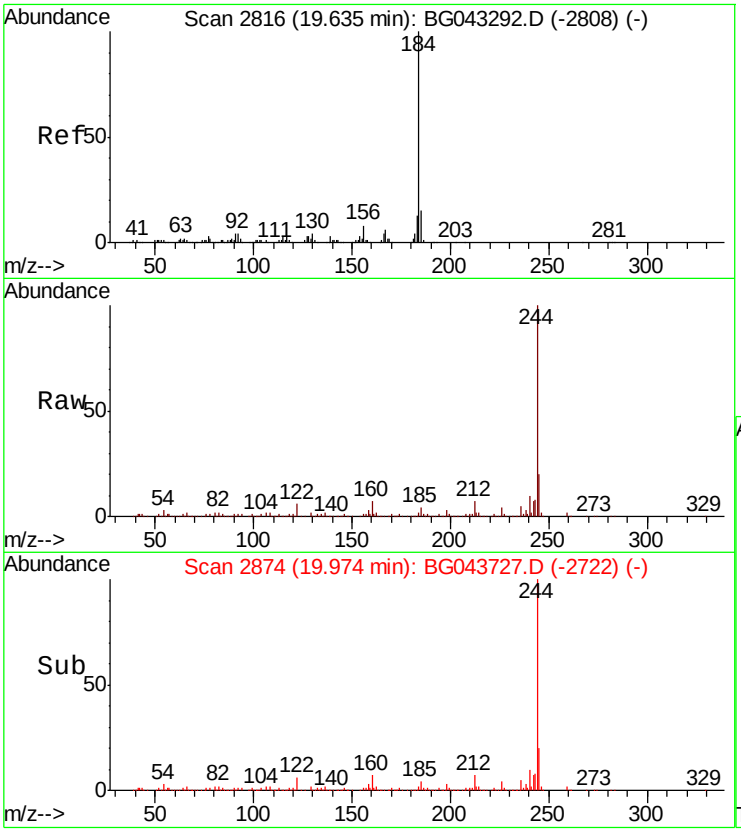




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG043727.D
Acq: 20 Nov 2019 14:37

Tgt Ion:240 Resp: 200629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.2 | 4.9 | 7.3 |
| 236 | 25.9 | 21.4 | 32.0 |



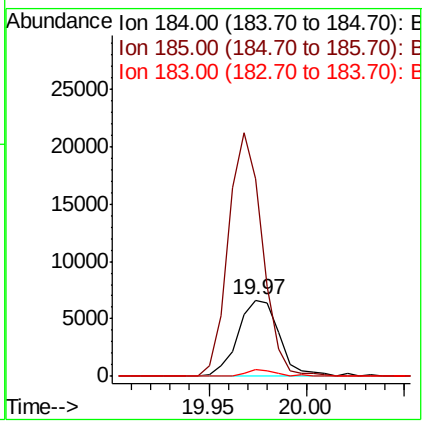


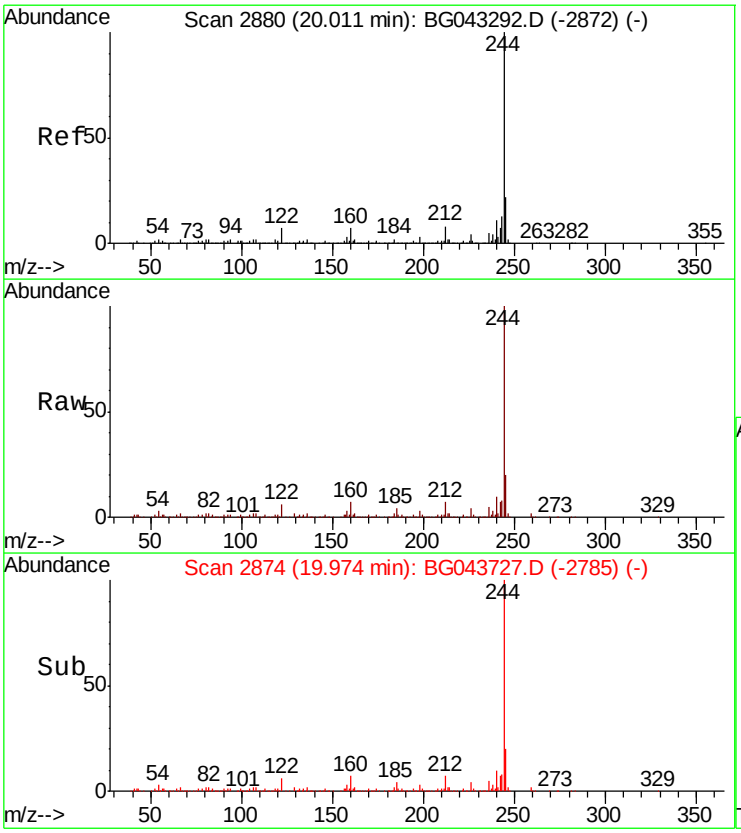

#77
Benzidine
Concen: 2.417 ng
RT: 19.97 min Scan# 2874
Delta R.T. 0.36 min
Lab File: BG043727.D
Acq: 20 Nov 2019 14:37

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

Tgt Ion:184 Resp: 9760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 257.5 | 12.7 | 19.1# |
| 183 | 8.5 | 8.8 | 13.2# |

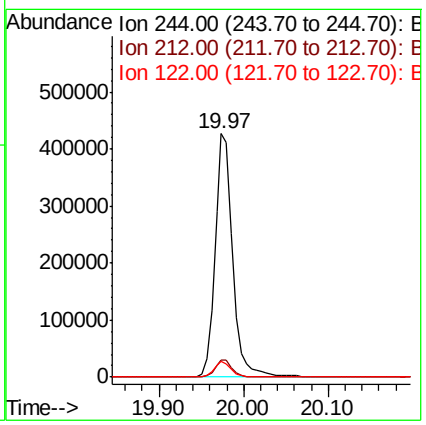


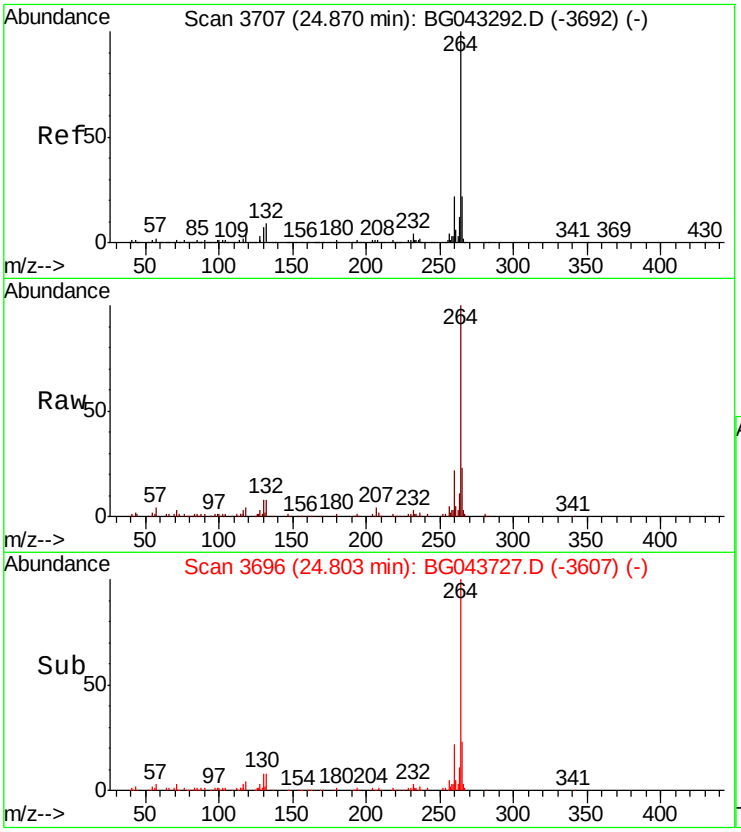




#79
Terphenyl-d14
Concen: 58.648 ng
RT: 19.97 min Scan# 2874
Delta R.T. -0.01 min
Lab File: BG043727.D
Acq: 20 Nov 2019 14:37

Tgt Ion:244 Resp: 627194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.9 | 5.6 | 8.4 |
| 122 | 6.3 | 5.2 | 7.8 |






#87
Perylene-d12
Concen: 20.000 ng
RT: 24.80 min Scan# 3696
Delta R.T. -0.01 min
Lab File: BG043727.D
Acq: 20 Nov 2019 14:37

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

Tgt Ion:264 Resp: 228543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 21.9 | 18.4 | 27.6 |
| 265 | 22.6 | 15.8 | 23.8 |