Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
Data File : BG038785.D
Acq On : 21 Dec 2018 14:11
Operator : JU/SJ
Sample : J6391-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :**

Quant Time: Dec 21 16:53:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.06 | 152 | 29354 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.88 | 136 | 127457 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.70 | 164 | 87904 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.44 | 188 | 196411 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.73 | 240 | 186633 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 25.03 | 264 | 196207 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.61 | 112 | 202599 | 122.42 | ng | | 0.00 |
| 7) Phenol-d6 | 7.22 | 99 | 286253 | 125.99 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 9.24 | 82 | 175882 | 70.50 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.18 | 330 | 139915 | 115.49 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.32 | 172 | 460336 | 71.84 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.04 | 244 | 641348 | 74.79 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 7.24 | 94 | 13985 | 5.794 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 9.23 | 70 | 23602 | 14.791 | ng | # | 68 |
| 50) Dimethylphthalate | 14.14 | 163 | 27908 | 3.888 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.70 | 165 | 11686 | 7.184 | ng | # | 19 |
| 57) 2,4-Dinitrotoluene | 14.70 | 165 | 11686 | 5.100 | ng | # | 21 |
| 67) 4-Bromophenyl-phenylether | 16.18 | 248 | 9534 | 3.975 | ng | # | 1 |
| 77) Benzidine | 20.04 | 184 | 11046 | 2.001 | ng | | 97 |

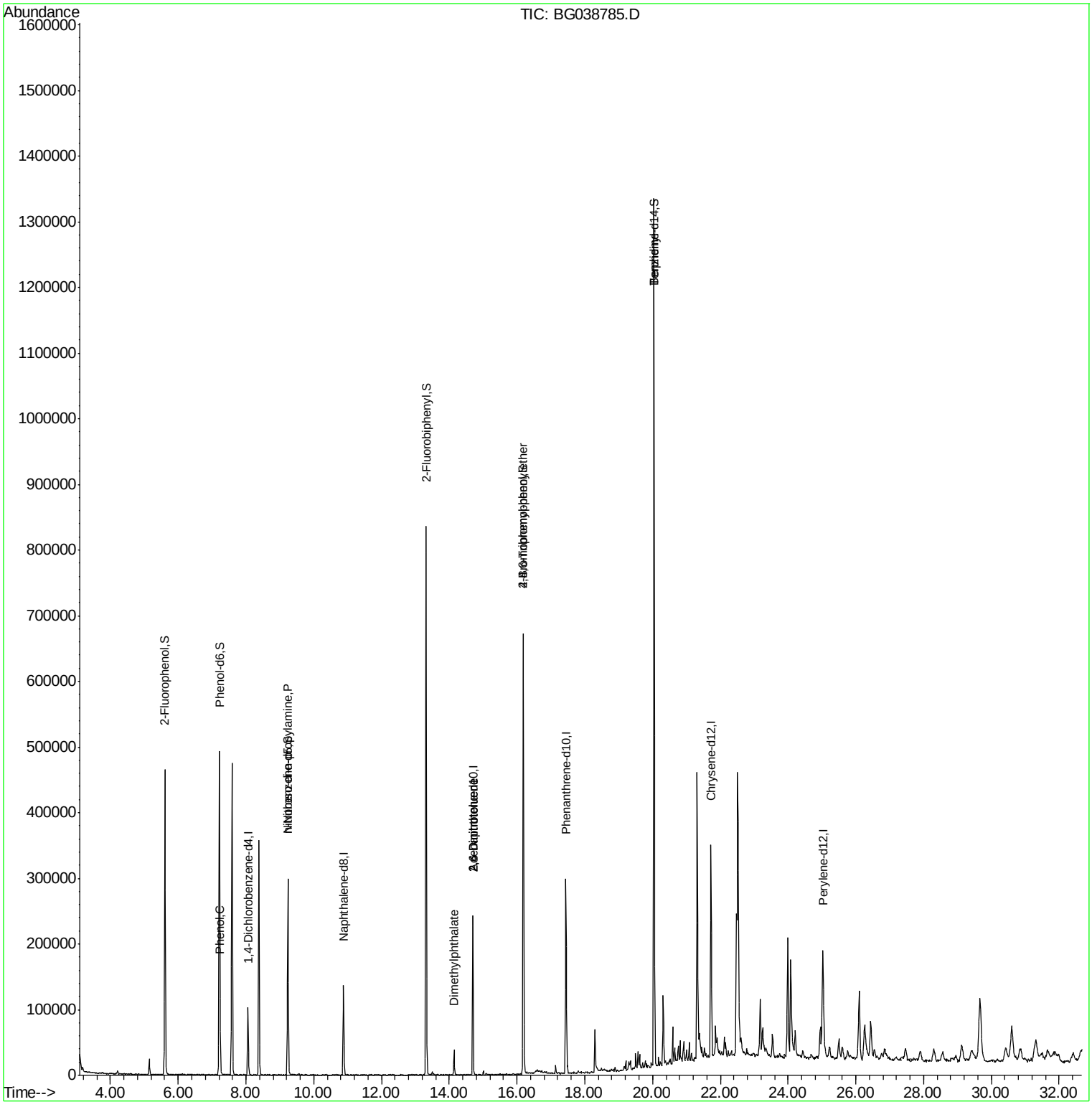
(#) = qualifier out of range (m) = manual integration (+) = signals summed

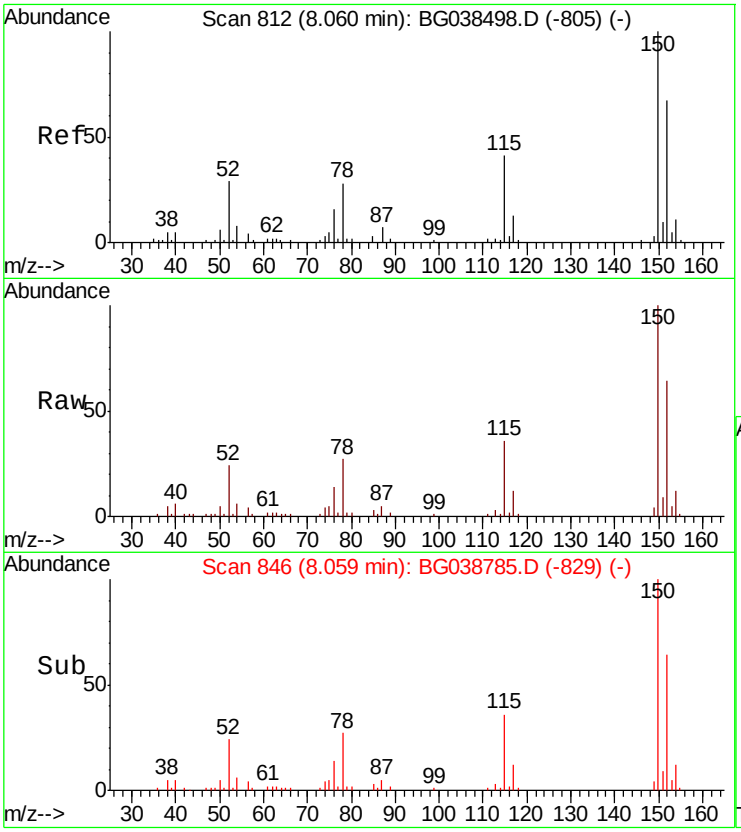
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
Data File : BG038785.D
Acq On : 21 Dec 2018 14:11
Operator : JU/SJ
Sample : J6391-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**

Quant Time: Dec 21 16:53:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration



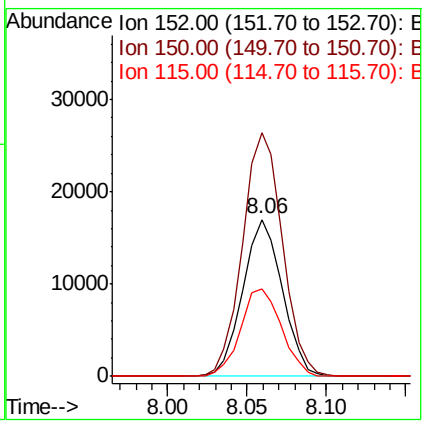


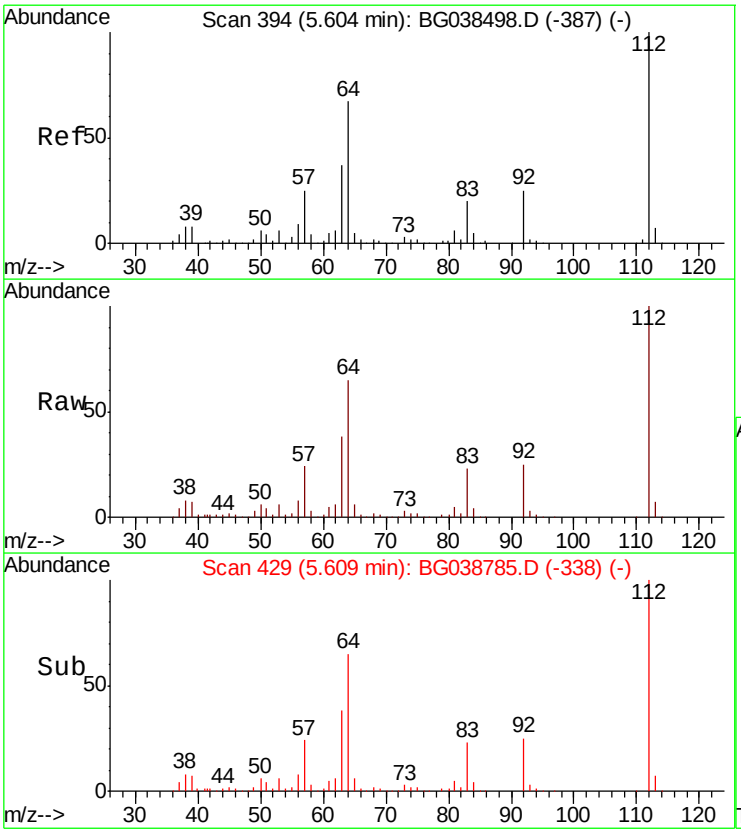

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038785.D
Acq: 21 Dec 2018 14:11

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:152 Resp: 29354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.1 | 119.5 | 179.3 |
| 115 | 56.0 | 49.6 | 74.4 |

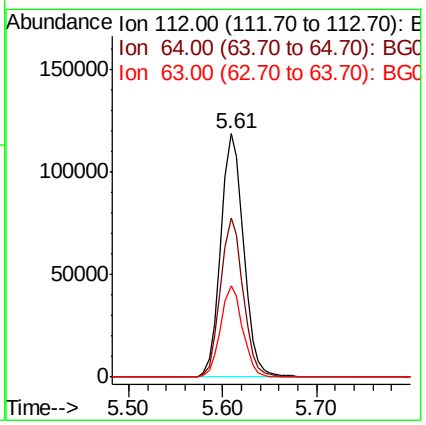


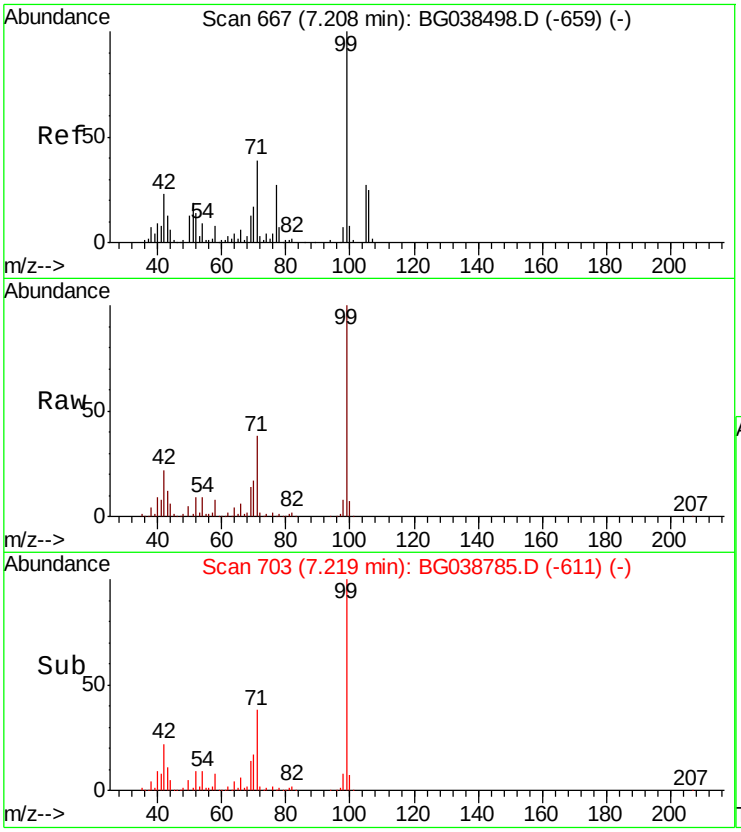




#5
2-Fluorophenol
Concen: 122.416 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038785.D
Acq: 21 Dec 2018 14:11

Tgt Ion:112 Resp: 202599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 65.3 | 53.4 | 80.2 |
| 63 | 37.6 | 29.3 | 43.9 |



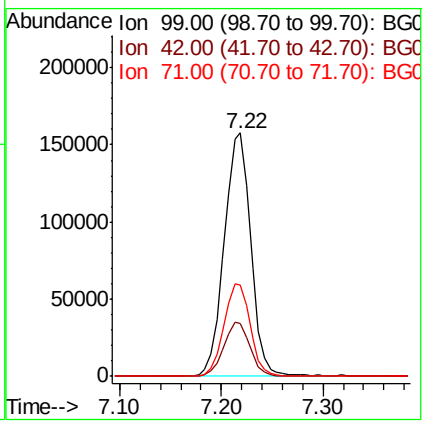


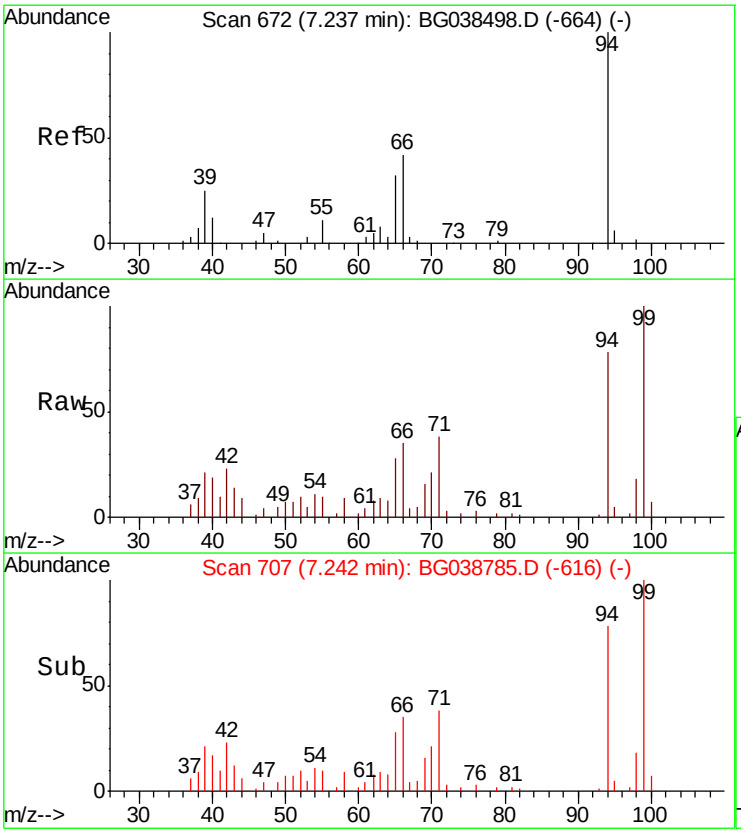

#7
Phenol-d6
Concen: 125.992 ng
RT: 7.22 min Scan# 703
Delta R.T. 0.01 min
Lab File: BG038785.D
Acq: 21 Dec 2018 14:11

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 99 Resp: 286253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.6 | 18.5 | 27.7 |
| 71 | 37.7 | 31.1 | 46.7 |

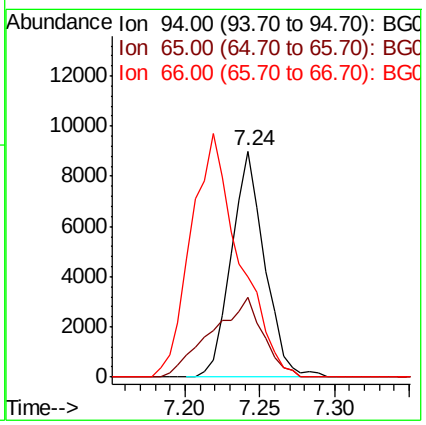


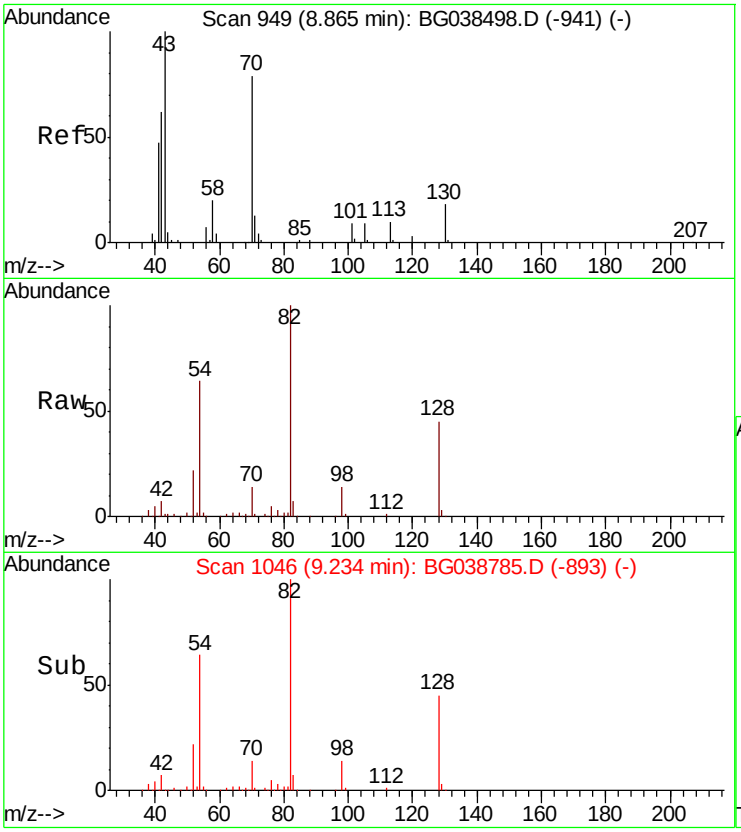




#10
Phenol
Concen: 5.794 ng
RT: 7.24 min Scan# 707
Delta R.T. 0.01 min
Lab File: BG038785.D
Acq: 21 Dec 2018 14:11

Tgt Ion: 94 Resp: 13985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 35.2 | 12.6 | 52.6 |
| 66 | 44.5 | 24.1 | 64.1 |



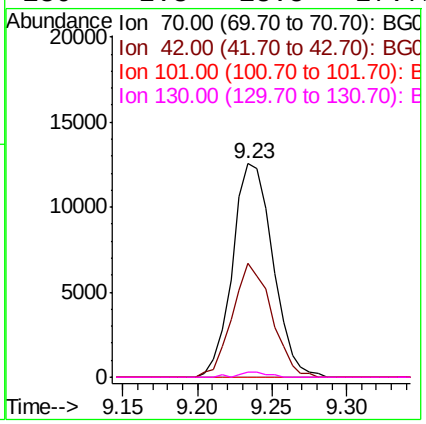


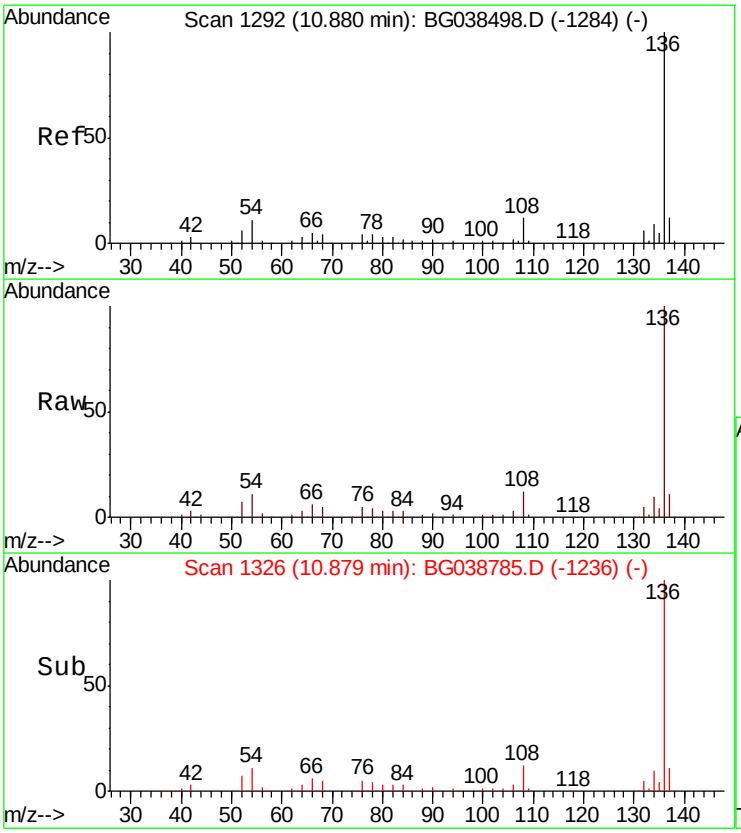

#19
n-Nitroso-di-n-propylamine
Concen: 14.791 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038785.D
Acq: 21 Dec 2018 14:11

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 70 Resp: 23602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 53.5 | 63.6 | 95.4# |
| 101 | 0.0 | 9.2 | 13.8# |
| 130 | 2.3 | 18.5 | 27.7# |

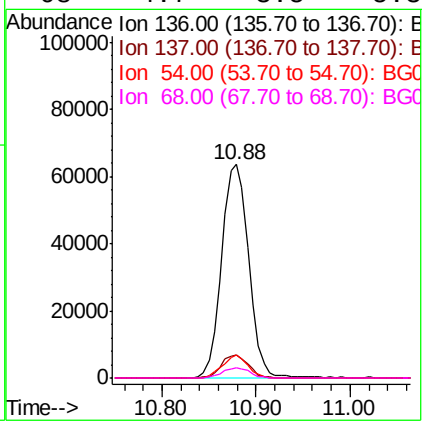


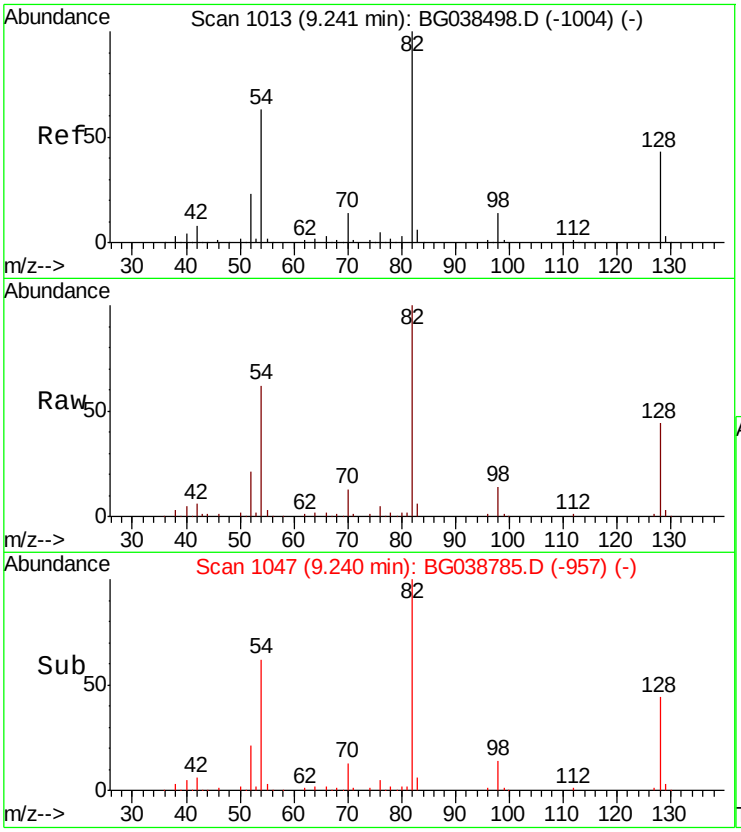




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038785.D
Acq: 21 Dec 2018 14:11

Tgt Ion:136 Resp: 127457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.5 | 9.3 | 13.9 |
| 54 | 10.9 | 8.5 | 12.7 |
| 68 | 4.7 | 3.5 | 5.3 |



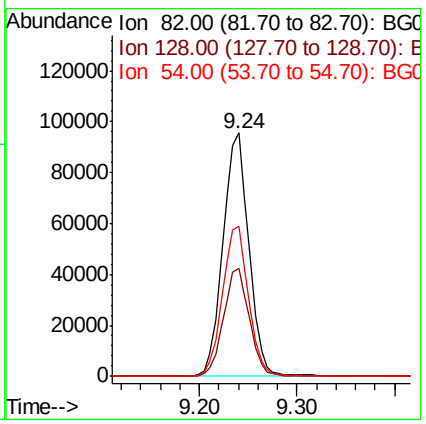


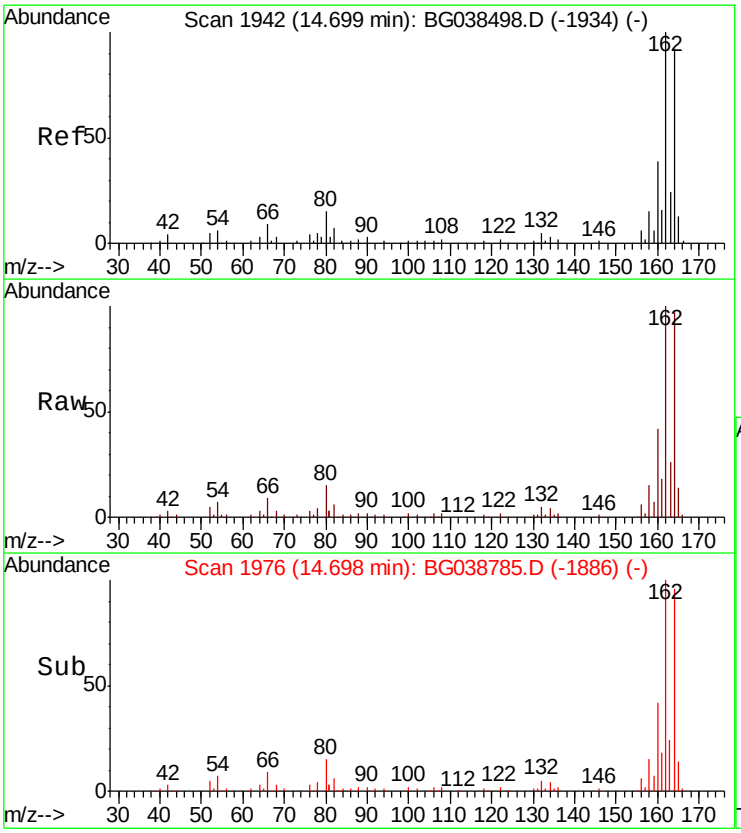

#23
Nitrobenzene-d5
Concen: 70.497 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038785.D
Acq: 21 Dec 2018 14:11

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 82 Resp: 175882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.3 | 34.6 | 52.0 |
| 54 | 61.6 | 50.6 | 76.0 |

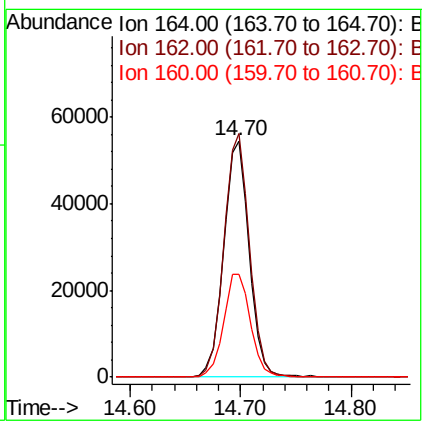


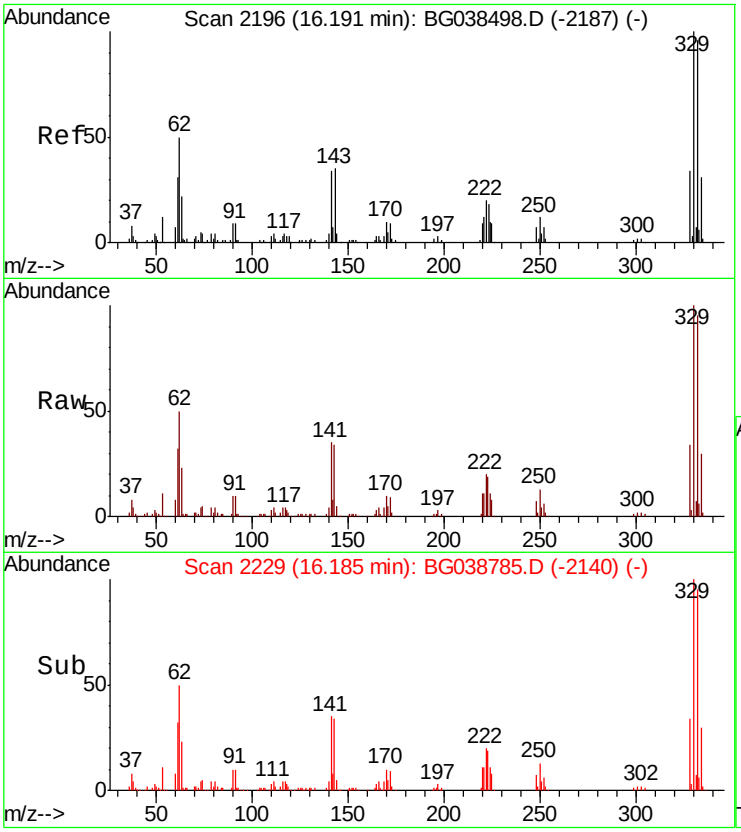




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038785.D
Acq: 21 Dec 2018 14:11

Tgt Ion:164 Resp: 87904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.2 | 86.6 | 130.0 |
| 160 | 43.4 | 34.2 | 51.2 |



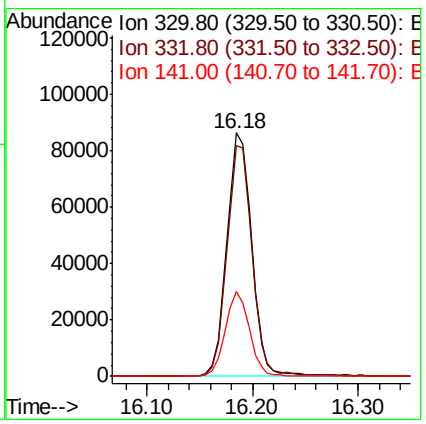


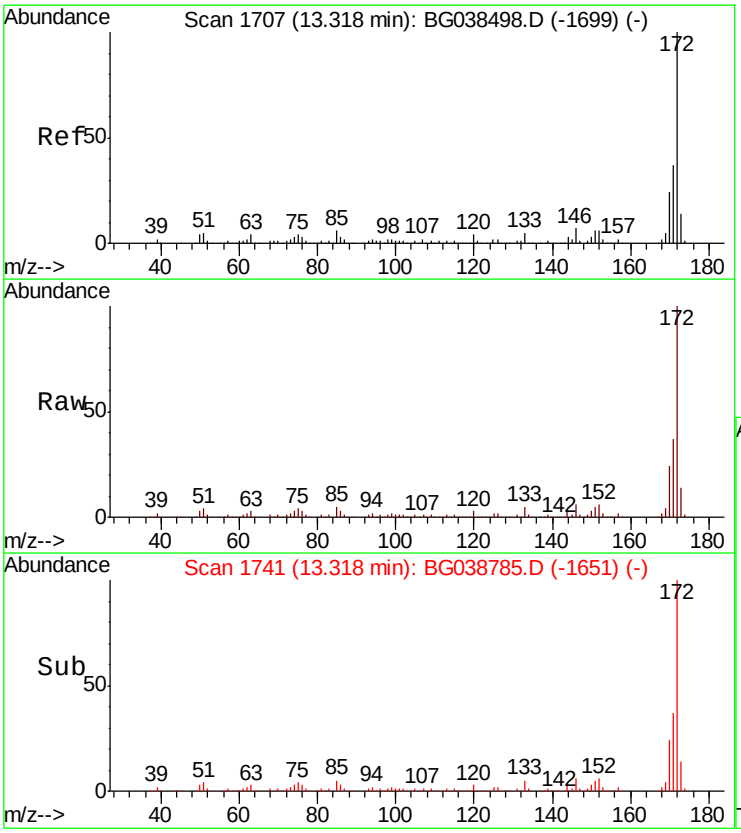

#42
2,4,6-Tribromophenol
Concen: 115.491 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG038785.D
Acq: 21 Dec 2018 14:11

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:330 Resp: 139915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.5 | 76.9 | 115.3 |
| 141 | 34.0 | 28.8 | 43.2 |

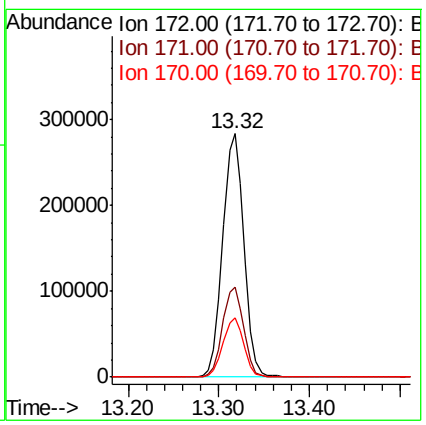


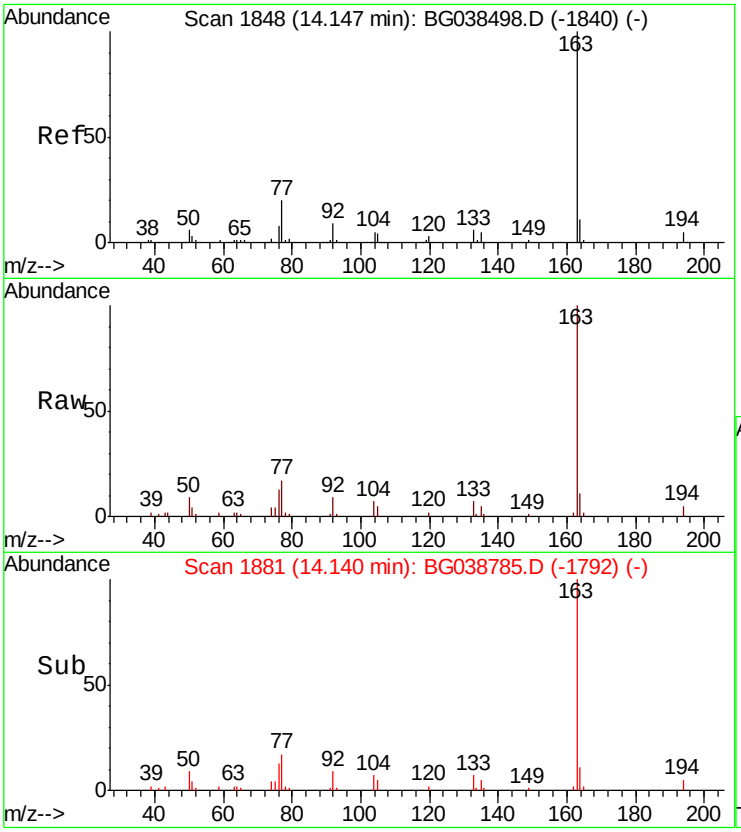




#45
2-Fluorobiphenyl
Concen: 71.841 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038785.D
Acq: 21 Dec 2018 14:11

Tgt Ion:172 Resp: 460336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.2 | 29.8 | 44.6 |
| 170 | 24.3 | 19.5 | 29.3 |



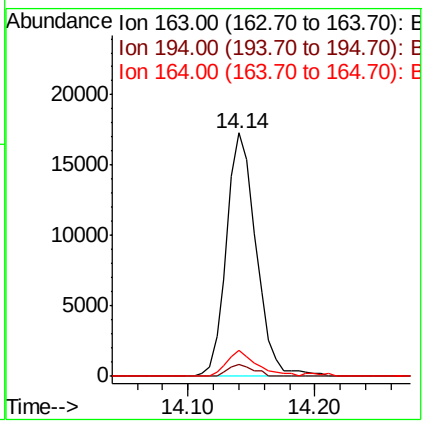


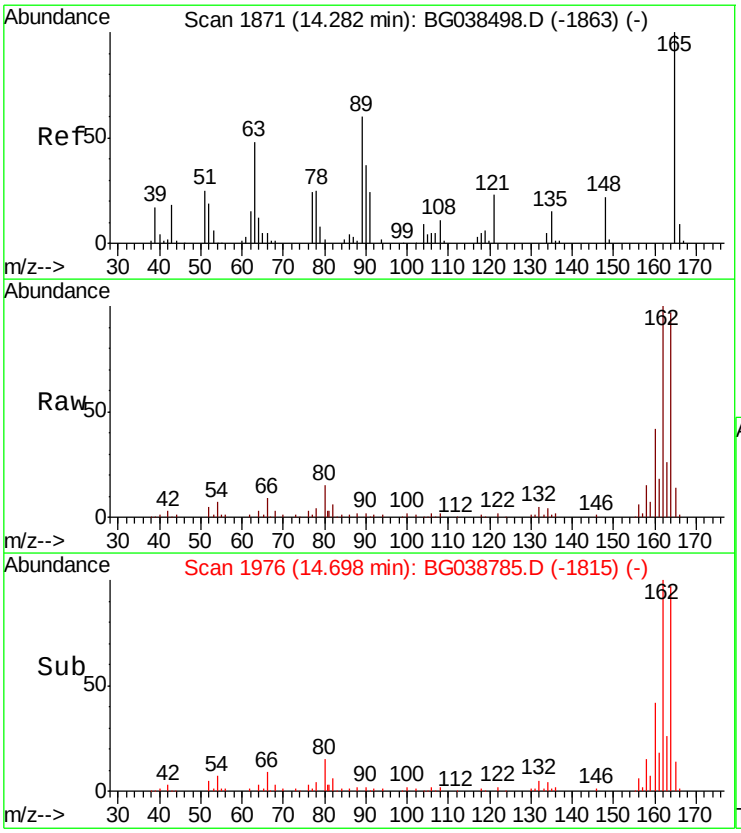

#50
Dimethylphthalate
Concen: 3.888 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038785.D
Acq: 21 Dec 2018 14:11

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:163 Resp: 27908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 5.0 | 3.7 | 5.5 |
| 164 | 10.8 | 8.6 | 12.8 |

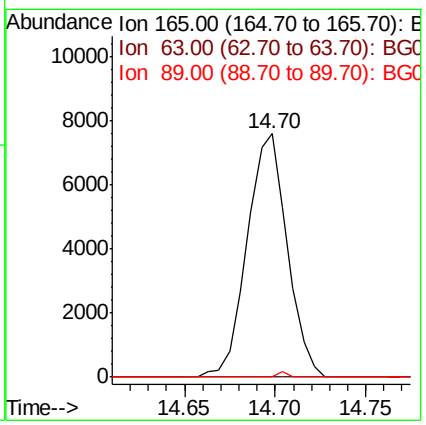


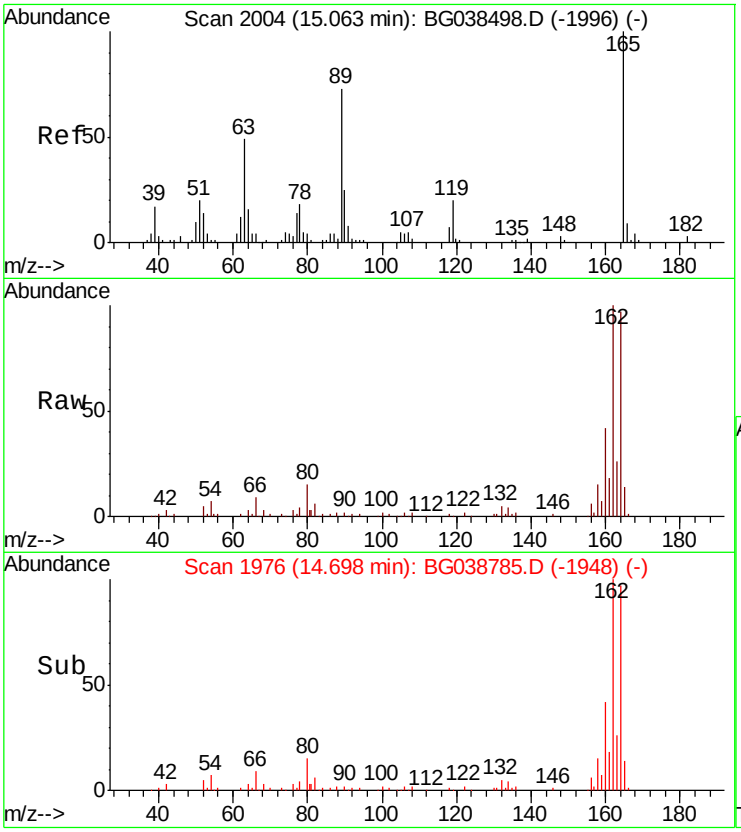




#51
2,6-Dinitrotoluene
Concen: 7.184 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.42 min
Lab File: BG038785.D
Acq: 21 Dec 2018 14:11

Tgt Ion:165 Resp: 11686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 51.8 | 77.6# |
| 89 | 0.0 | 47.9 | 71.9# |



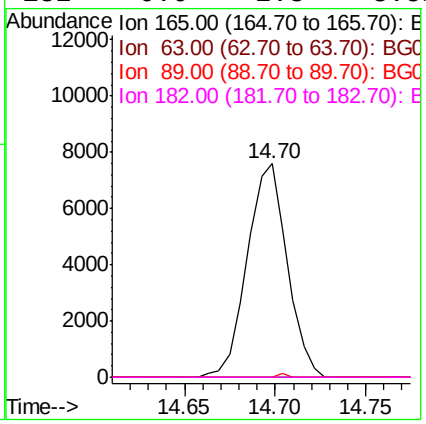


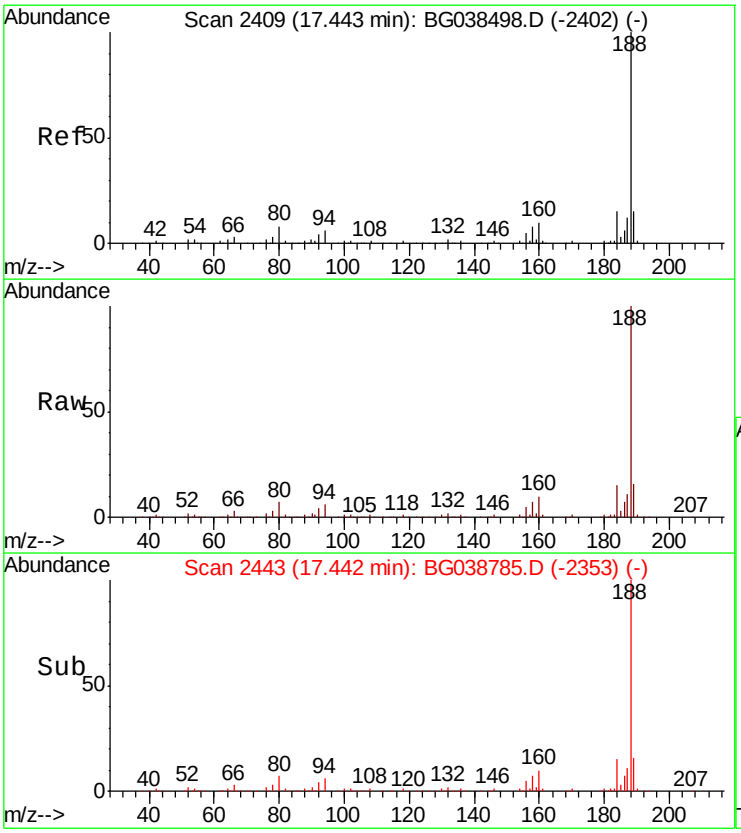

#57
2,4-Dinitrotoluene
Concen: 5.100 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.36 min
Lab File: BG038785.D
Acq: 21 Dec 2018 14:11

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:165 Resp: 11686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 39.0 | 58.4# |
| 89 | 0.0 | 58.0 | 87.0# |
| 182 | 0.0 | 2.3 | 3.5# |

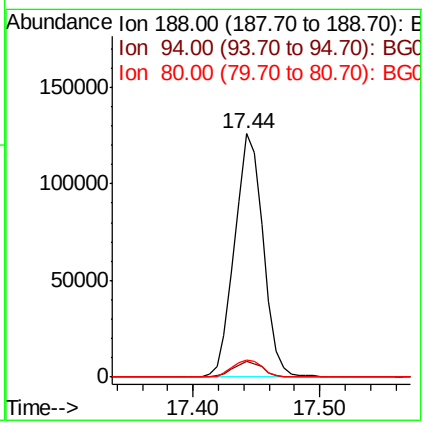


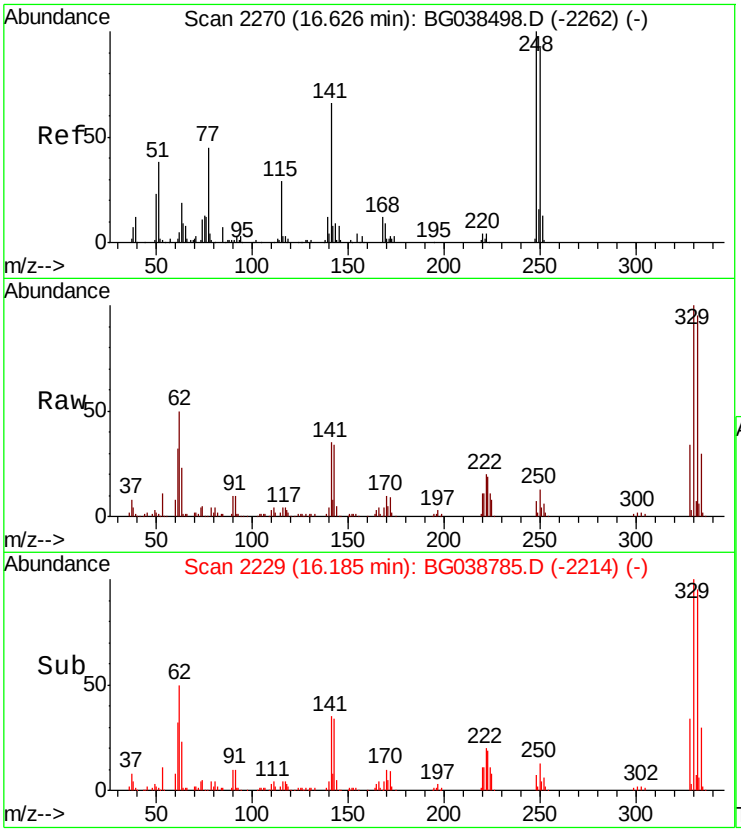




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038785.D
Acq: 21 Dec 2018 14:11

Tgt Ion:188 Resp: 196411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.3 | 5.1 | 7.7 |
| 80 | 7.0 | 6.1 | 9.1 |



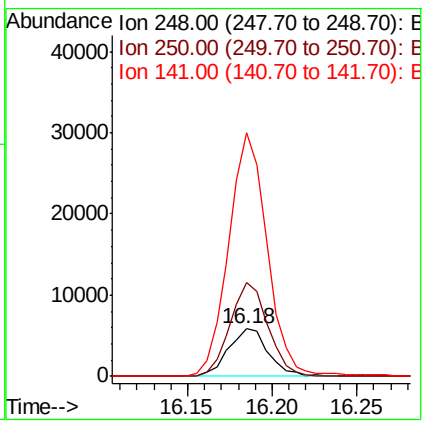


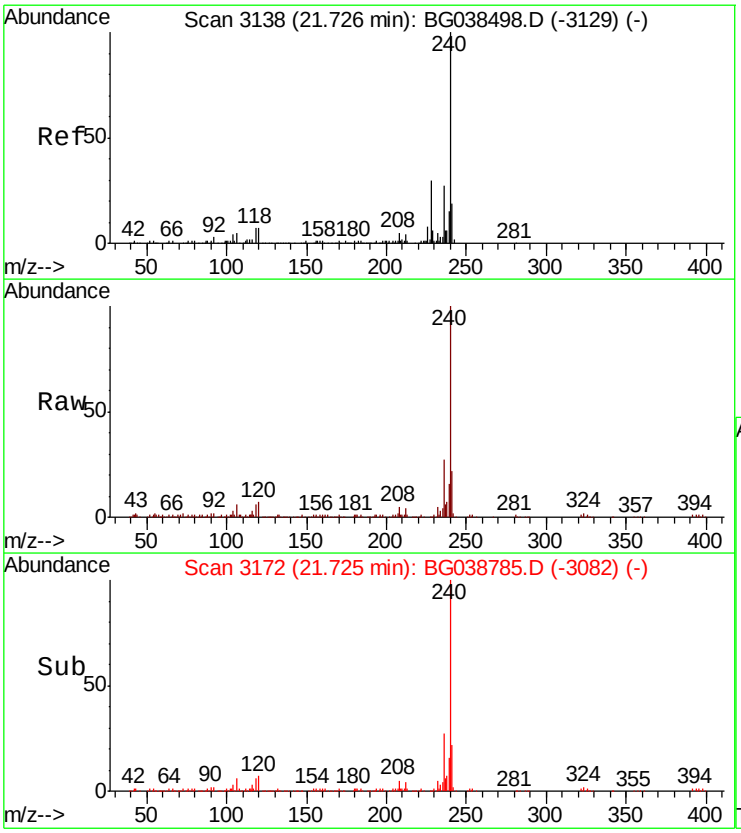

#67
4-Bromophenyl-phenylether
Concen: 3.975 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038785.D
Acq: 21 Dec 2018 14:11

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:248 Resp: 9534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 194.3 | 73.4 | 110.2# |
| 141 | 391.9 | 52.9 | 79.3# |

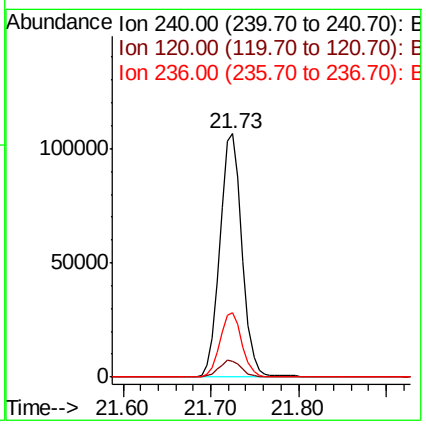


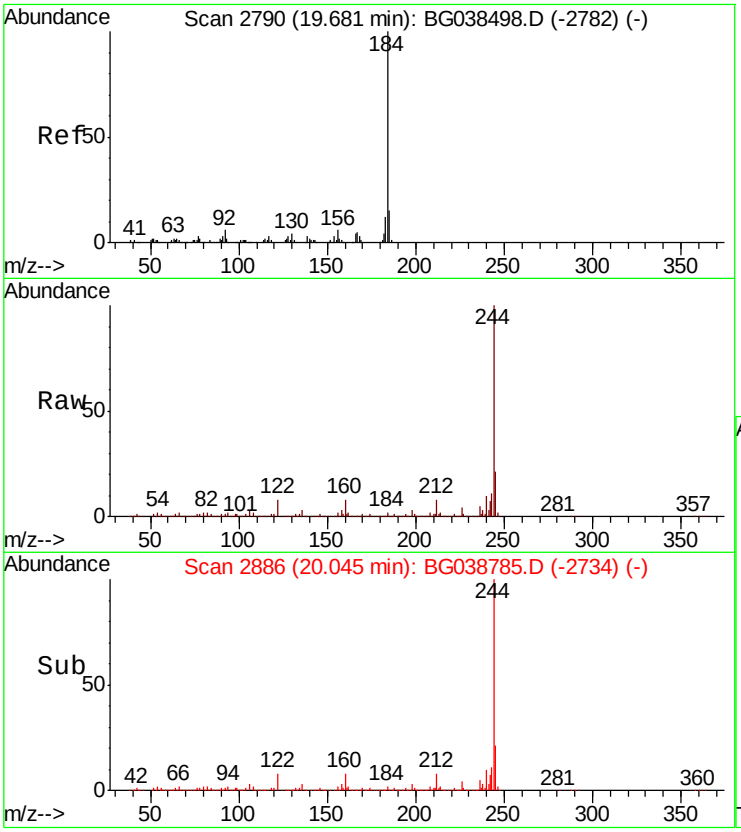




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG038785.D
Acq: 21 Dec 2018 14:11

Tgt Ion:240 Resp: 186633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.7 | 5.3 | 7.9 |
| 236 | 26.7 | 21.4 | 32.2 |



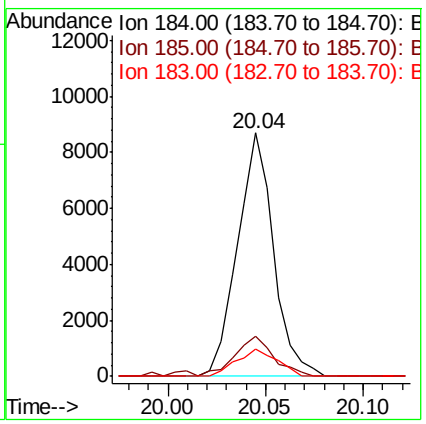


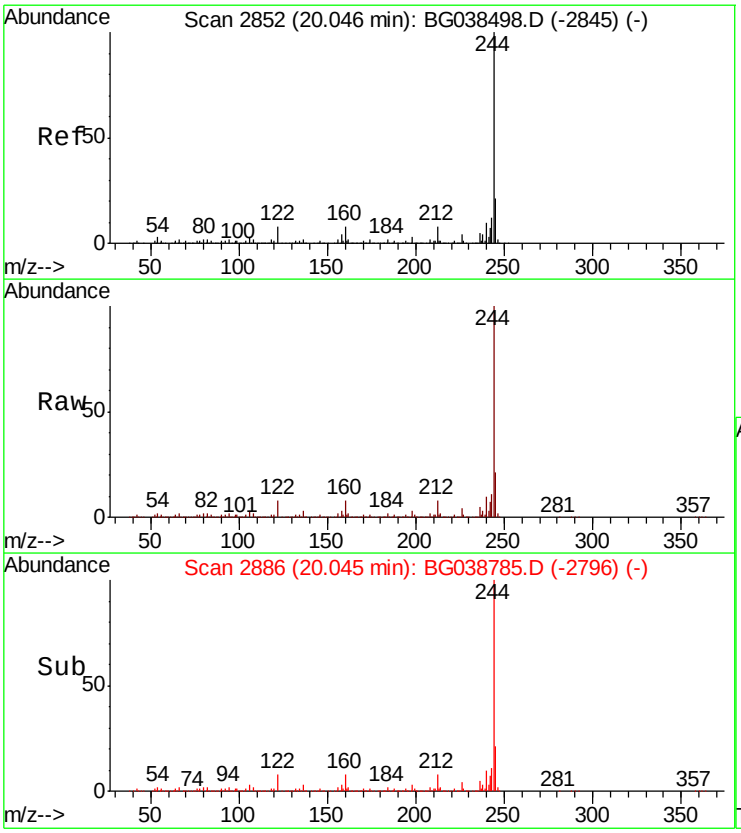

#77
Benzidine
Concen: 2.001 ng
RT: 20.04 min Scan# 2886
Delta R.T. 0.36 min
Lab File: BG038785.D
Acq: 21 Dec 2018 14:11

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:184 Resp: 11046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 16.7 | 12.2 | 18.2 |
| 183 | 11.0 | 9.6 | 14.4 |

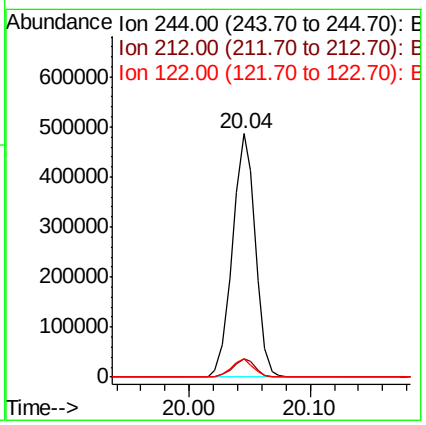


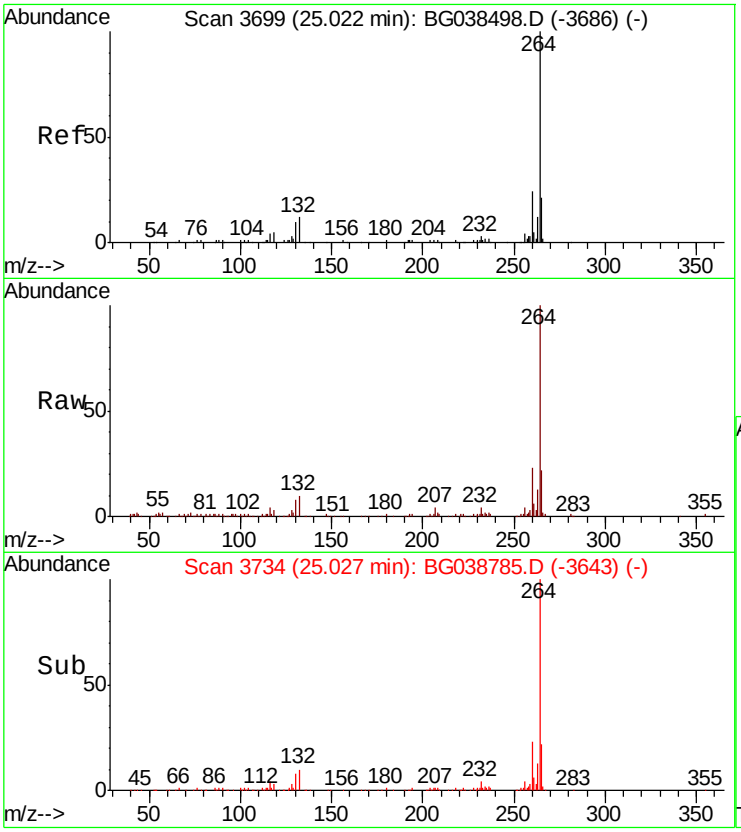




#79
Terphenyl-d14
Concen: 74.788 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG038785.D
Acq: 21 Dec 2018 14:11

Tgt Ion:244 Resp: 641348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.6 | 6.2 | 9.2 |
| 122 | 7.6 | 6.3 | 9.5 |






#87
Perylene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3734
Delta R.T. 0.01 min
Lab File: BG038785.D
Acq: 21 Dec 2018 14:11

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:264 Resp: 196207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.9 | 18.9 | 28.3 |
| 265 | 21.5 | 17.0 | 25.4 |