Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020718\
Data File : BG032603.D
Acq On : 7 Feb 2018 20:58
Operator : SJ/JU
Sample : J1465-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Feb 08 02:27:11 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.69 | 152 | 15046 | 20.00 | ng | -0.02 |
| 21) Naphthalene-d8 | 11.56 | 136 | 78523 | 20.00 | ng | -0.02 |
| 38) Acenaphthene-d10 | 15.32 | 164 | 43180 | 20.00 | ng | -0.02 |
| 63) Phenanthrene-d10 | 18.06 | 188 | 158697 | 20.00 | ng | -0.01 |
| 75) Chrysene-d12 | 22.40 | 240 | 188025 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 26.07 | 264 | 210267 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 6.13 | 112 | 125213 | 167.15 | ng | -0.01 |
| 7) Phenol-d6 | 7.81 | 99 | 133564 | 133.62 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 9.88 | 82 | 98927 | 78.69 | ng | -0.03 |
| 41) 2,4,6-Tribromophenol | 16.80 | 330 | 147982 | 180.04 | ng | -0.01 |
| 44) 2-Fluorobiphenyl | 13.95 | 172 | 481657 | 132.58 | ng | -0.02 |
| 78) Terphenyl-d14 | 20.61 | 244 | 968238 | 110.31 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.47 | 88 | 528 | 2.09 | ng | # 1 |
| 15) Benzyl Alcohol | 9.02 | 79 | 1766 | 2.14 | ng | # 52 |
| 19) n-Nitroso-di-n-propylamine | 9.88 | 70 | 14073 | 21.23 | ng | # 66 |
| 50) 2,6-Dinitrotoluene | 15.32 | 165 | 5634 | 6.74 | ng | # 18 |
| 56) 2,4-Dinitrotoluene | 15.32 | 165 | 5634 | 4.74 | ng | # 16 |
| 66) 4-Bromophenyl-phenylether | 16.80 | 248 | 10578 | 4.50 | ng | # 1 |
| 76) Benzidine | 20.61 | 184 | 13628 | 3.69 | ng | # 94 |

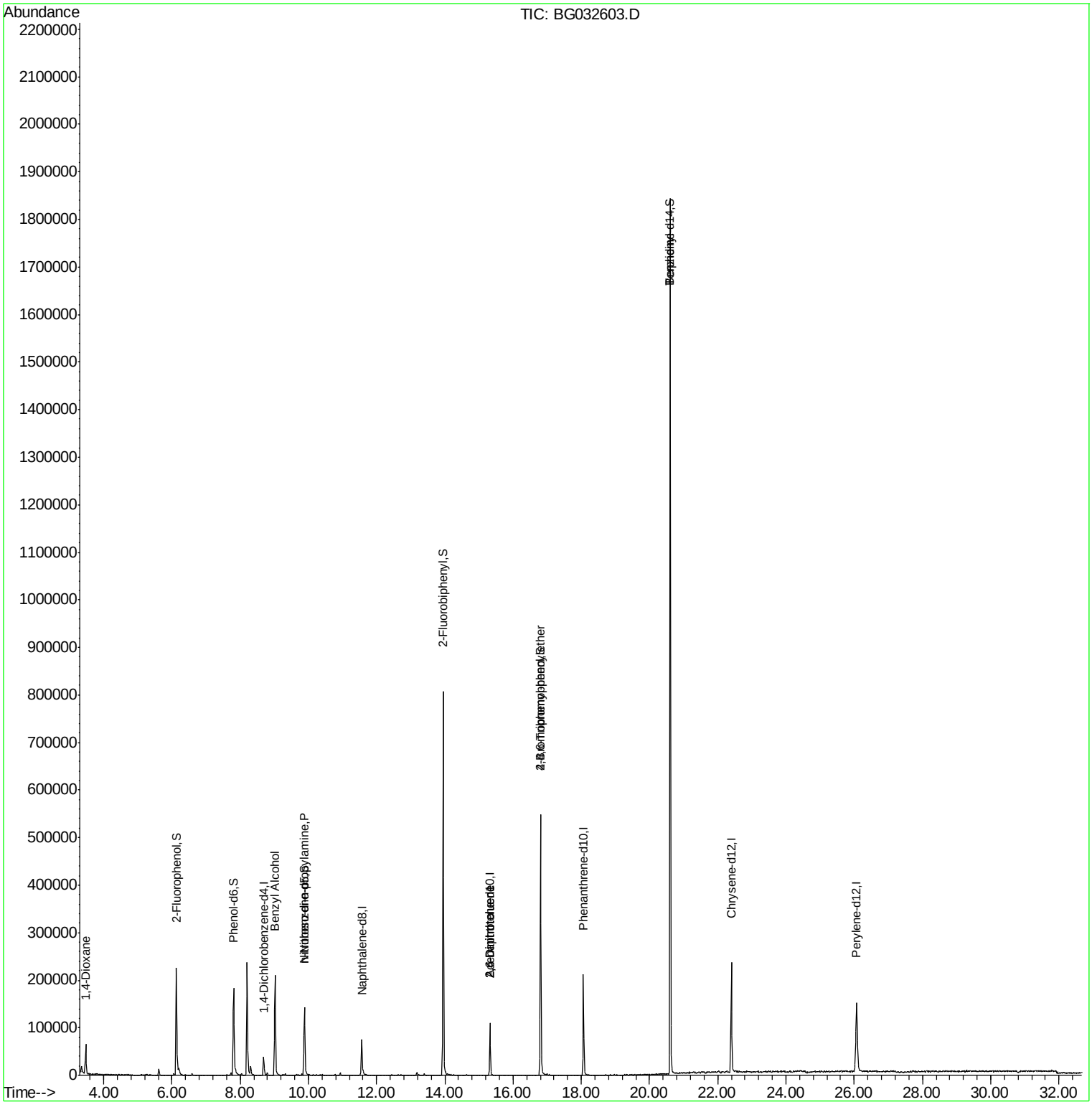
(#) = qualifier out of range (m) = manual integration (+) = signals summed

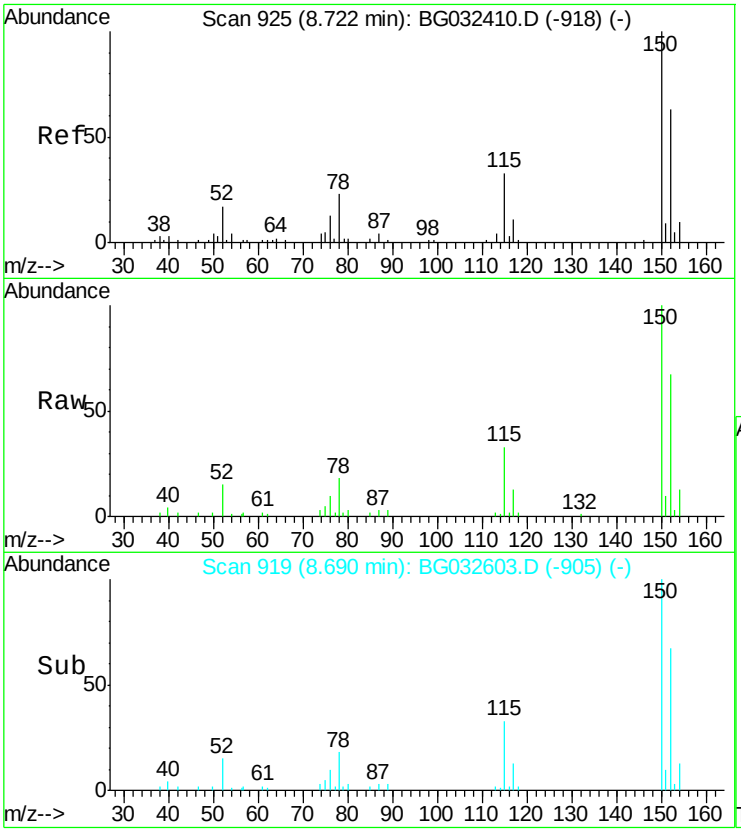
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020718\
Data File : BG032603.D
Acq On : 7 Feb 2018 20:58
Operator : SJ/JU
Sample : J1465-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Feb 08 02:27:11 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration



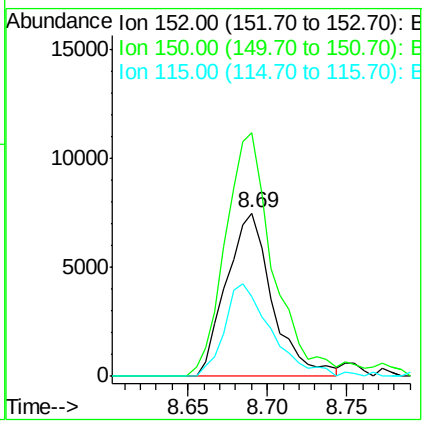


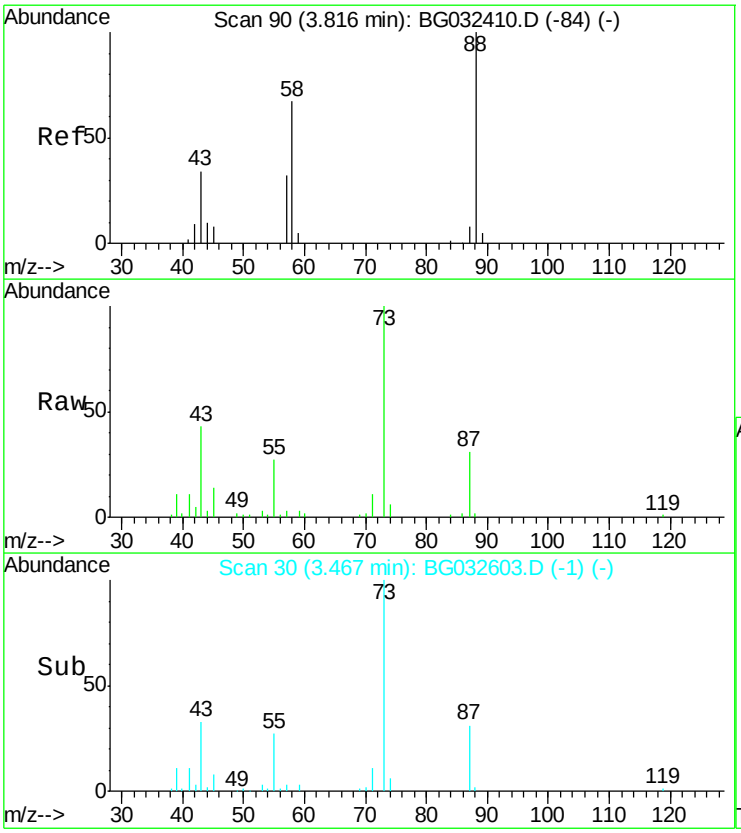

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.69 min Scan# 919
Delta R.T. -0.02 min
Lab File: BG032603.D
Acq: 7 Feb 2018 20:58

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

Tgt Ion:152 Resp: 15046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 148.8 | 126.6 | 189.8 |
| 115 | 49.1 | 53.0 | 79.4# |

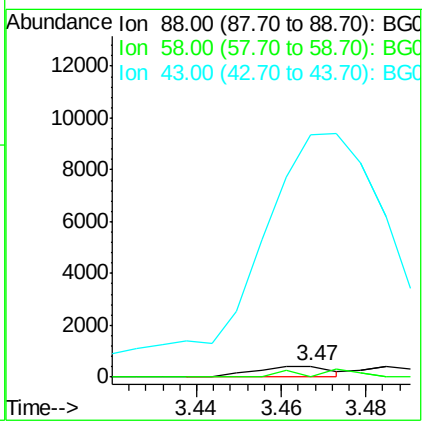


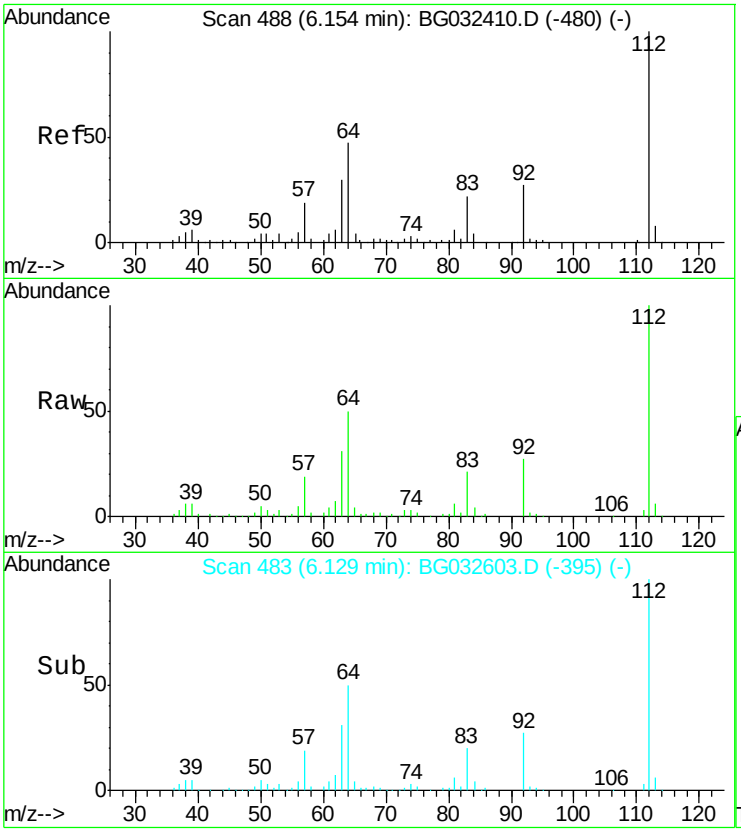




#2
1,4-Dioxane
Concen: 2.09 ng
RT: 3.47 min Scan# 30
Delta R.T. -0.34 min
Lab File: BG032603.D
Acq: 7 Feb 2018 20:58

Tgt Ion: 88 Resp: 528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 49.4 | 79.6 | 119.4# |
| 43 | 3461.4 | 27.4 | 41.0# |



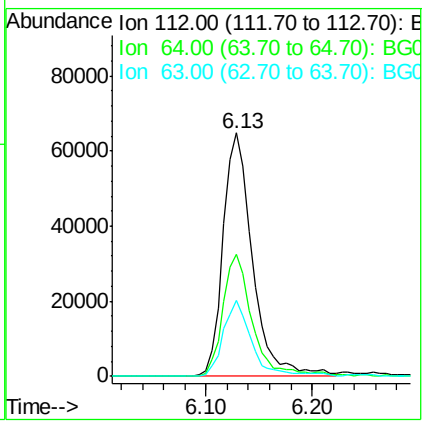


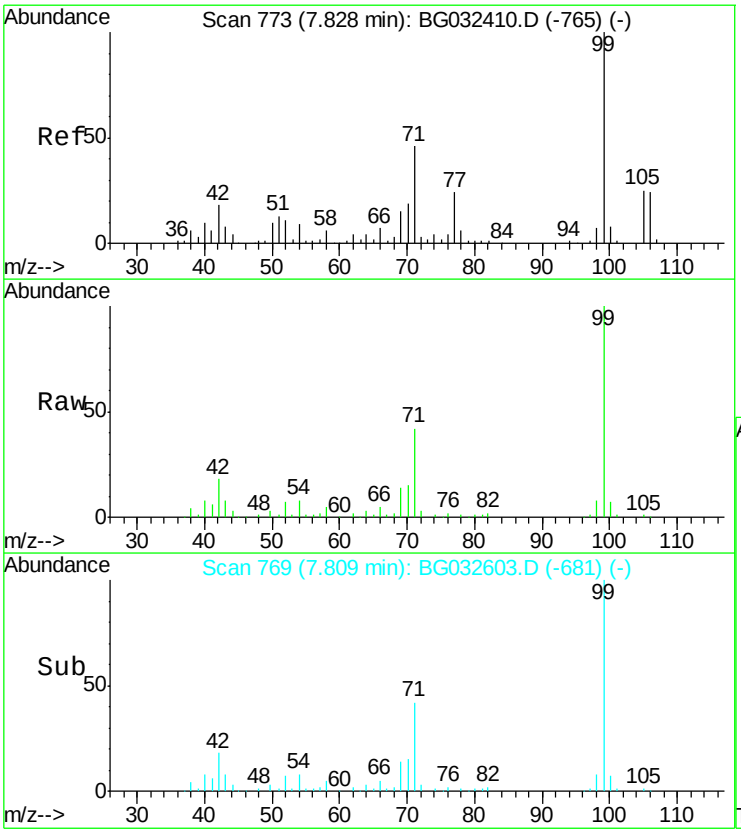

#5
2-Fluorophenol
Concen: 167.15 ng
RT: 6.13 min Scan# 483
Delta R.T. -0.01 min
Lab File: BG032603.D
Acq: 7 Feb 2018 20:58

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

Tgt Ion:112 Resp: 125213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.3 | 56.3 | 84.5# |
| 63 | 31.4 | 30.1 | 45.1 |

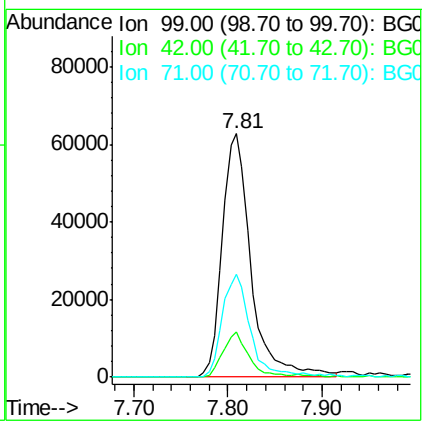


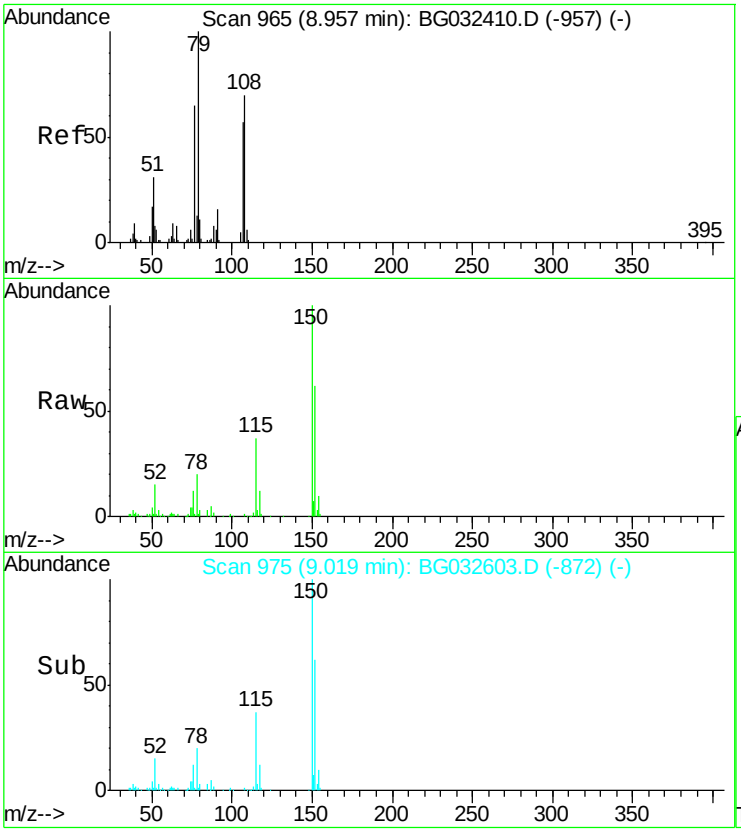




#7
Phenol-d6
Concen: 133.62 ng
RT: 7.81 min Scan# 769
Delta R.T. -0.01 min
Lab File: BG032603.D
Acq: 7 Feb 2018 20:58

Tgt Ion: 99 Resp: 133564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.3 | 14.1 | 21.1 |
| 71 | 42.3 | 26.1 | 39.1# |



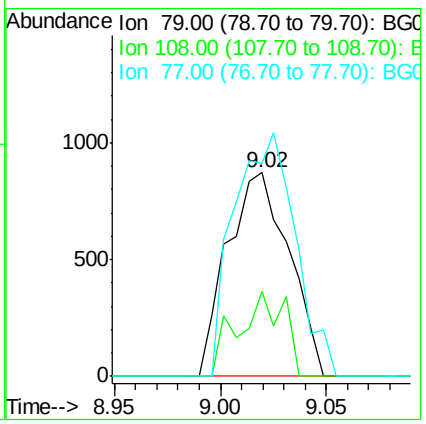


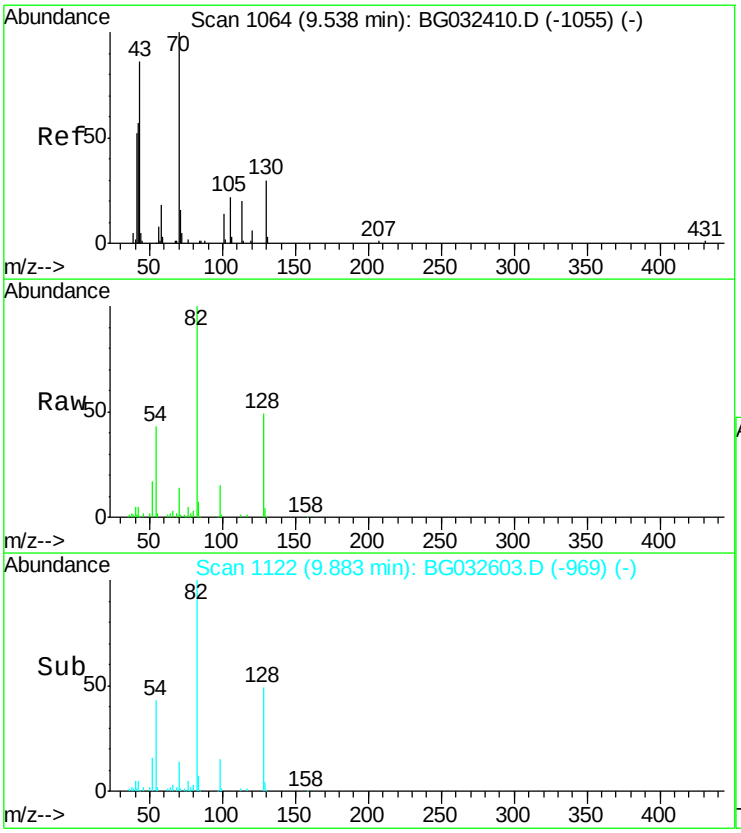

#15
Benzyl Alcohol
Concen: 2.14 ng
RT: 9.02 min Scan# 975
Delta R.T. 0.07 min
Lab File: BG032603.D
Acq: 7 Feb 2018 20:58

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

Tgt Ion: 79 Resp: 1766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 41.6 | 57.2 | 85.8# |
| 77 | 104.4 | 46.1 | 69.1# |

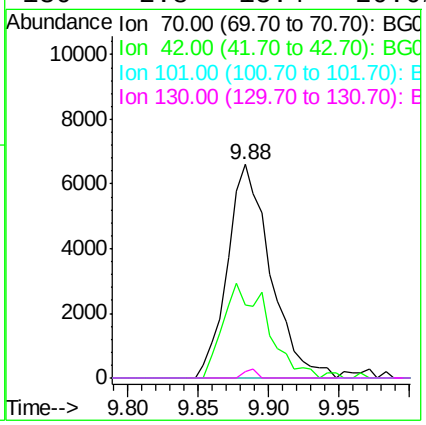


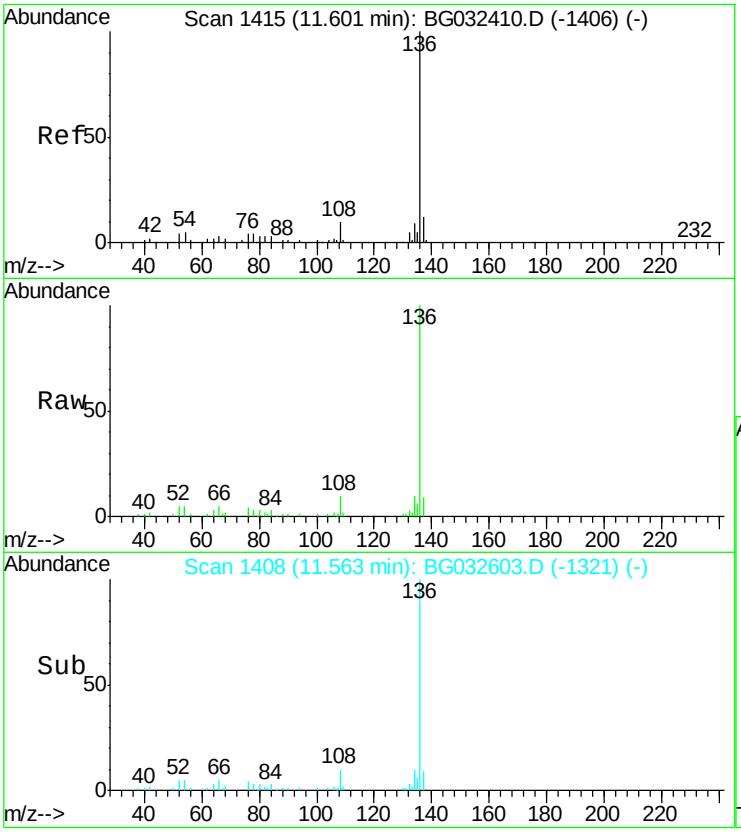




#19
n-Nitroso-di-n-propylamine
Concen: 21.23 ng
RT: 9.88 min Scan# 1122
Delta R.T. 0.37 min
Lab File: BG032603.D
Acq: 7 Feb 2018 20:58

Tgt Ion: 70 Resp: 14073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 34.0 | 49.1 | 73.7# |
| 101 | 0.0 | 8.5 | 12.7# |
| 130 | 2.8 | 13.4 | 20.0# |



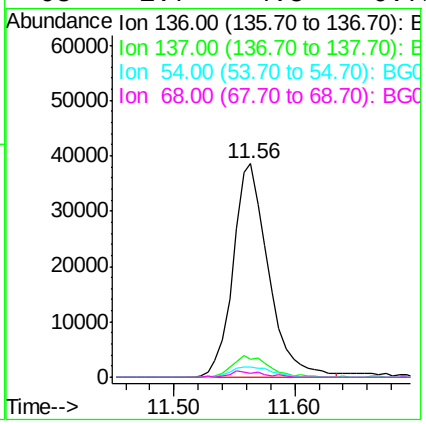


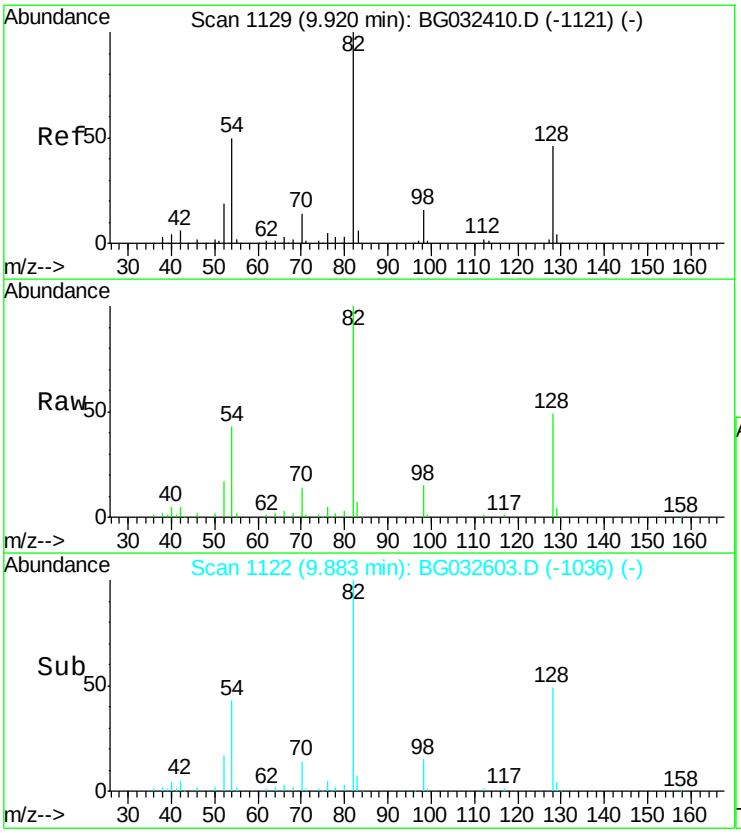

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.56 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BG032603.D
Acq: 7 Feb 2018 20:58

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

Tgt Ion:136 Resp: 78523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 8.7 | 9.2 | 13.8# |
| 54 | 5.1 | 10.3 | 15.5# |
| 68 | 1.7 | 4.5 | 6.7# |

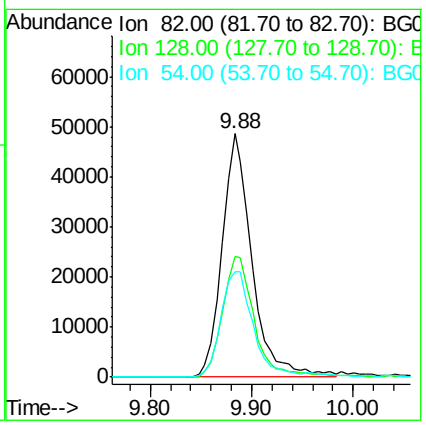


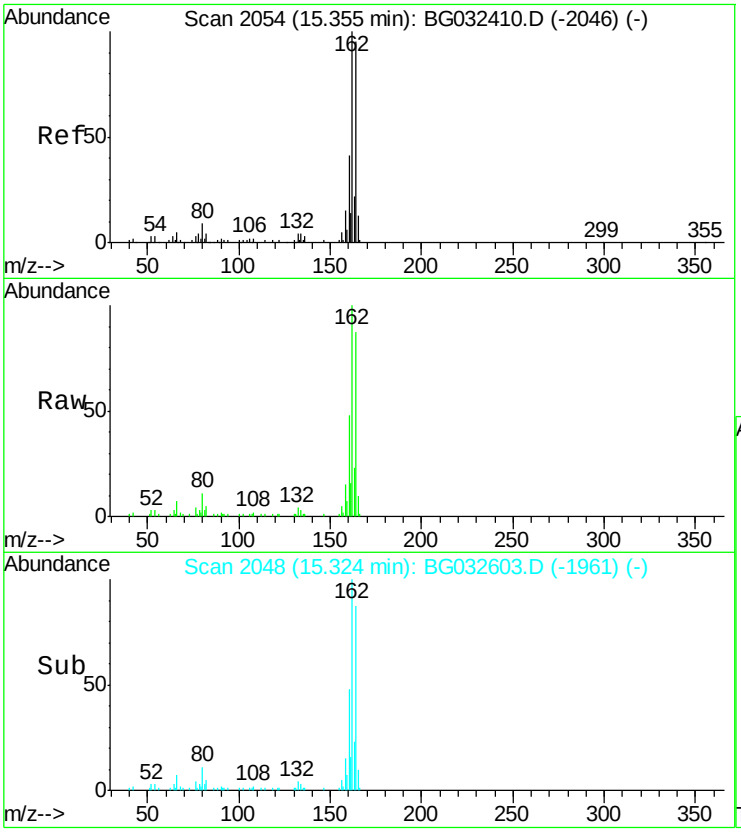




#23
Nitrobenzene-d5
Concen: 78.69 ng
RT: 9.88 min Scan# 1122
Delta R.T. -0.03 min
Lab File: BG032603.D
Acq: 7 Feb 2018 20:58

Tgt Ion: 82 Resp: 98927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.5 | 29.7 | 44.5# |
| 54 | 43.4 | 43.1 | 64.7 |



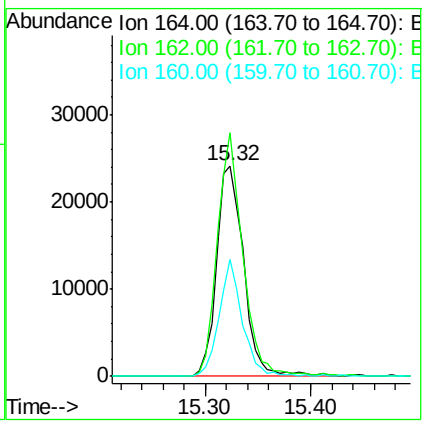


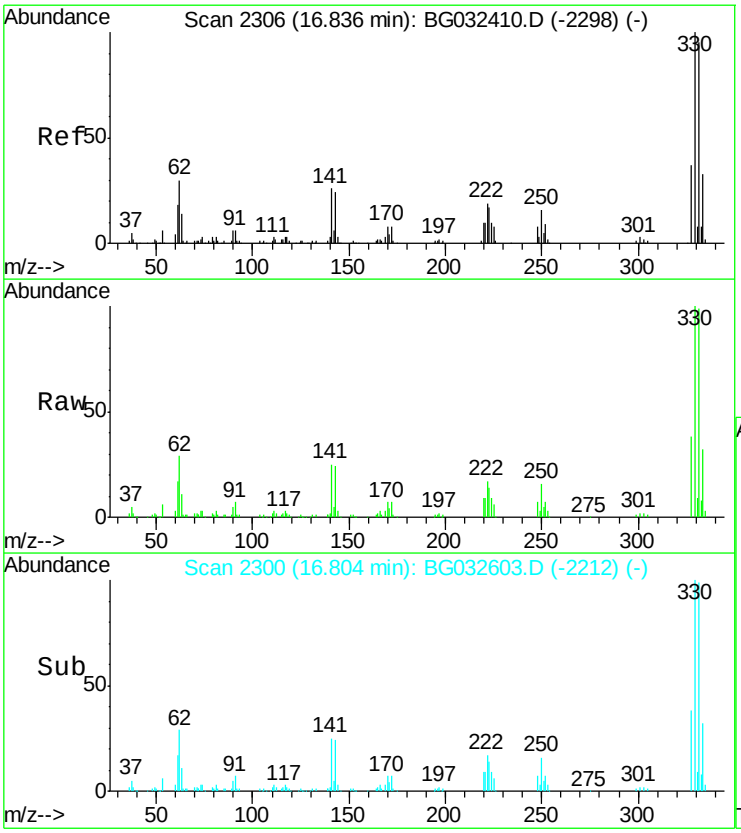

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.32 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG032603.D
Acq: 7 Feb 2018 20:58

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

Tgt Ion:164 Resp: 43180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 115.6 | 78.8 | 118.2 |
| 160 | 55.4 | 35.4 | 53.0# |

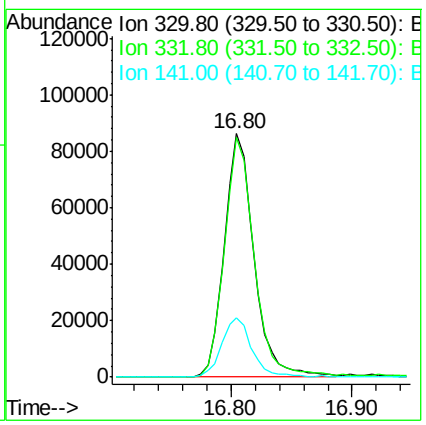


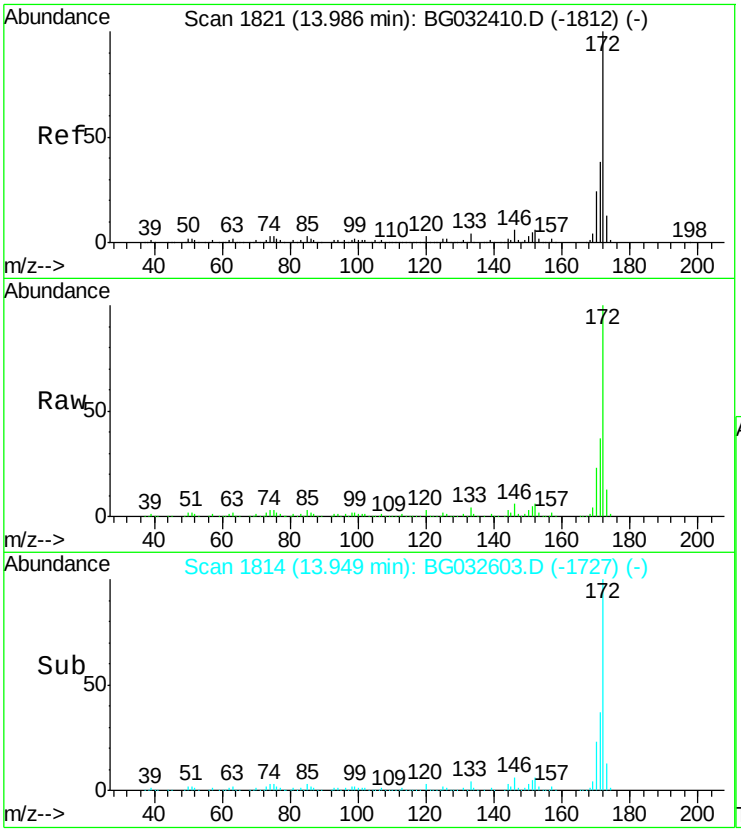




#41
2,4,6-Tribromophenol
Concen: 180.04 ng
RT: 16.80 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BG032603.D
Acq: 7 Feb 2018 20:58

Tgt Ion:330 Resp: 147982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 99.2 | 77.0 | 115.6 |
| 141 | 24.5 | 25.2 | 37.8# |



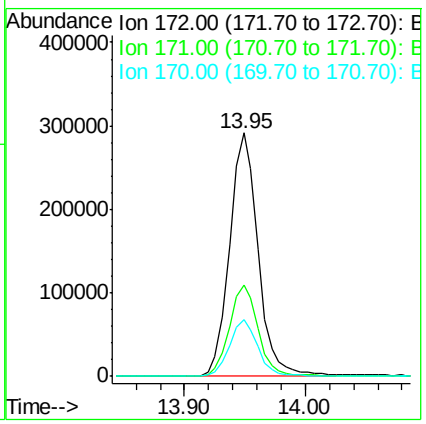


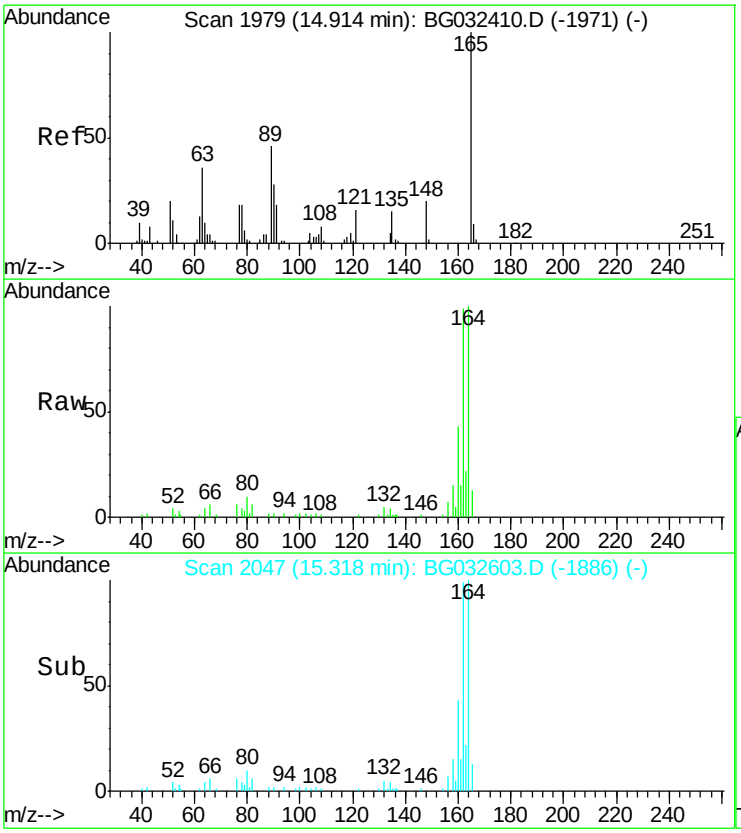

#44
2-Fluorobiphenyl
Concen: 132.58 ng
RT: 13.95 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BG032603.D
Acq: 7 Feb 2018 20:58

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

Tgt Ion:172 Resp: 481657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.3 | 30.0 | 45.0 |
| 170 | 23.2 | 19.5 | 29.3 |

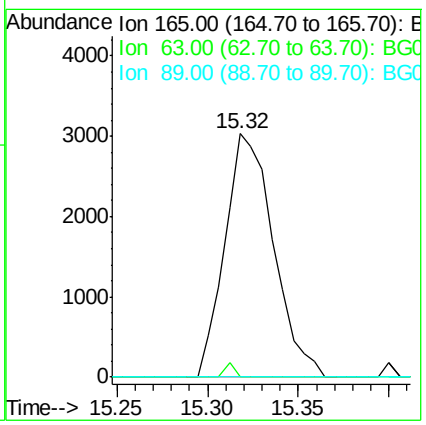


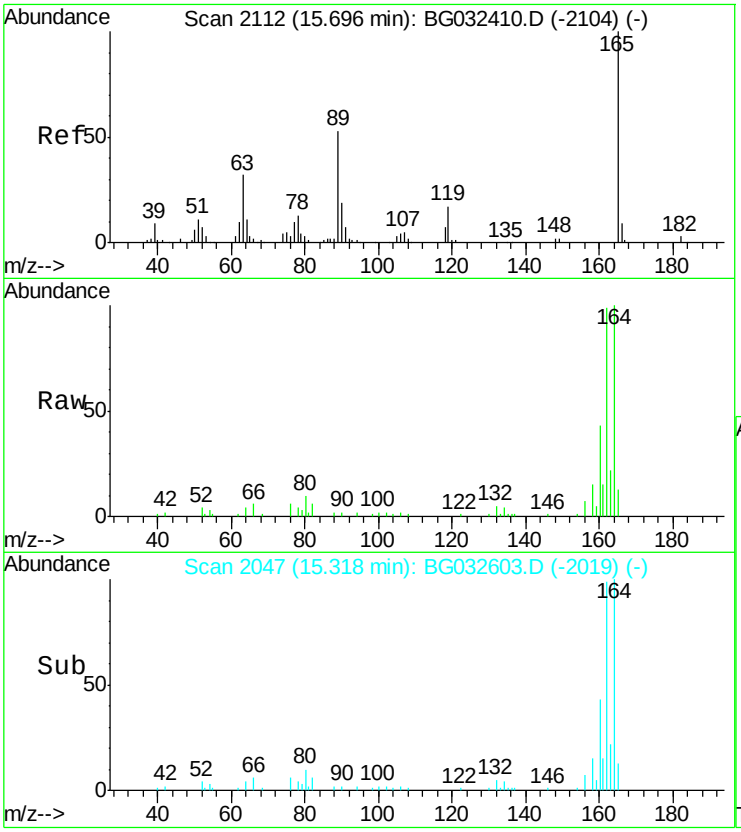




#50
2,6-Dinitrotoluene
Concen: 6.74 ng
RT: 15.32 min Scan# 2047
Delta R.T. 0.41 min
Lab File: BG032603.D
Acq: 7 Feb 2018 20:58

Tgt Ion:165 Resp: 5634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 52.7 | 79.1# |
| 89 | 0.0 | 49.2 | 73.8# |



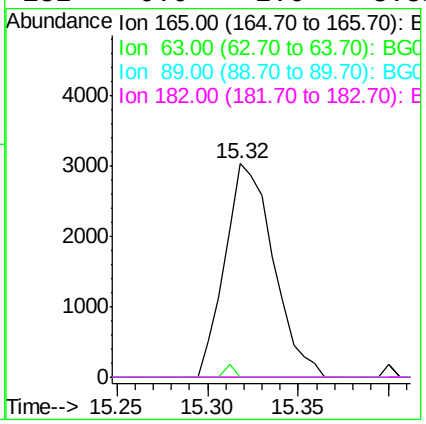


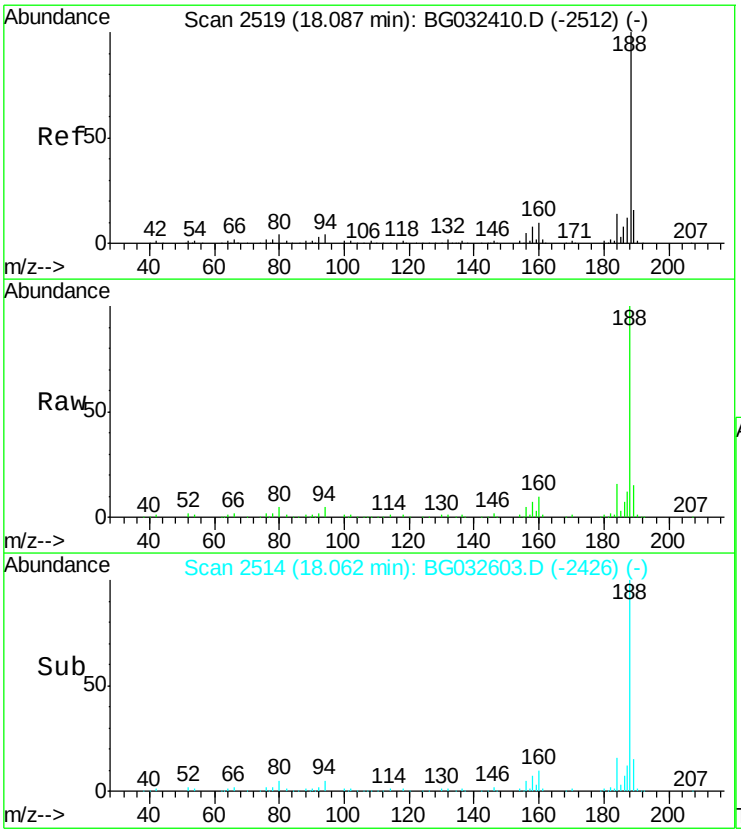

#56
2,4-Dinitrotoluene
Concen: 4.74 ng
RT: 15.32 min Scan# 2047
Delta R.T. -0.37 min
Lab File: BG032603.D
Acq: 7 Feb 2018 20:58

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

Tgt Ion:165 Resp: 5634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 42.0 | 63.0# |
| 89 | 0.0 | 66.9 | 100.3# |
| 182 | 0.0 | 2.6 | 3.8# |

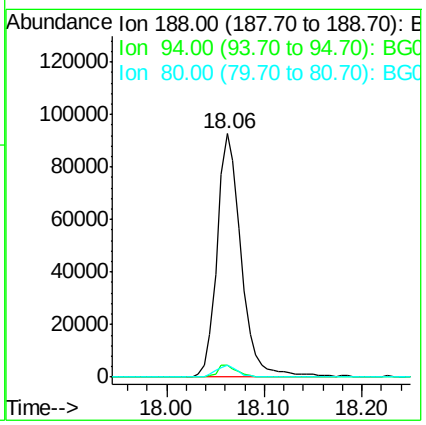


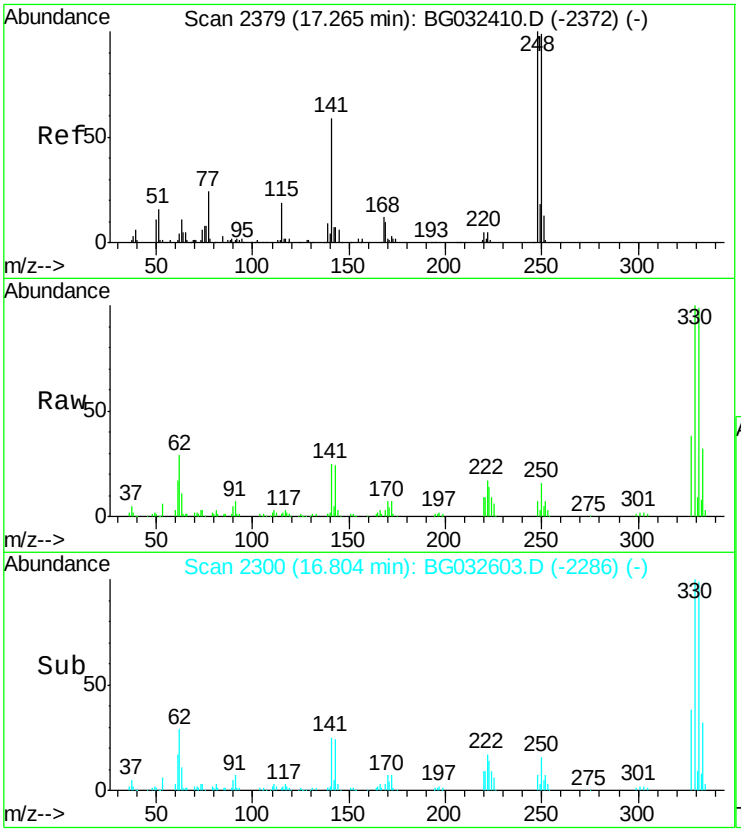




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.06 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BG032603.D
Acq: 7 Feb 2018 20:58

Tgt Ion:188 Resp: 158697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 5.0 | 6.9 | 10.3# |
| 80 | 4.9 | 7.7 | 11.5# |



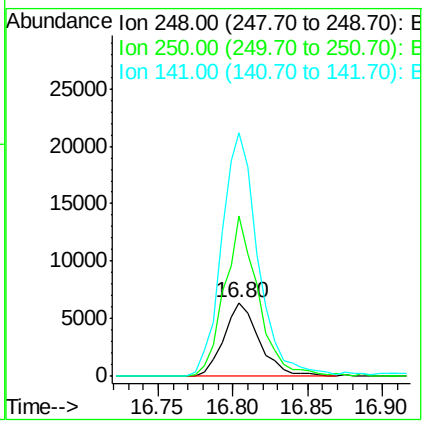


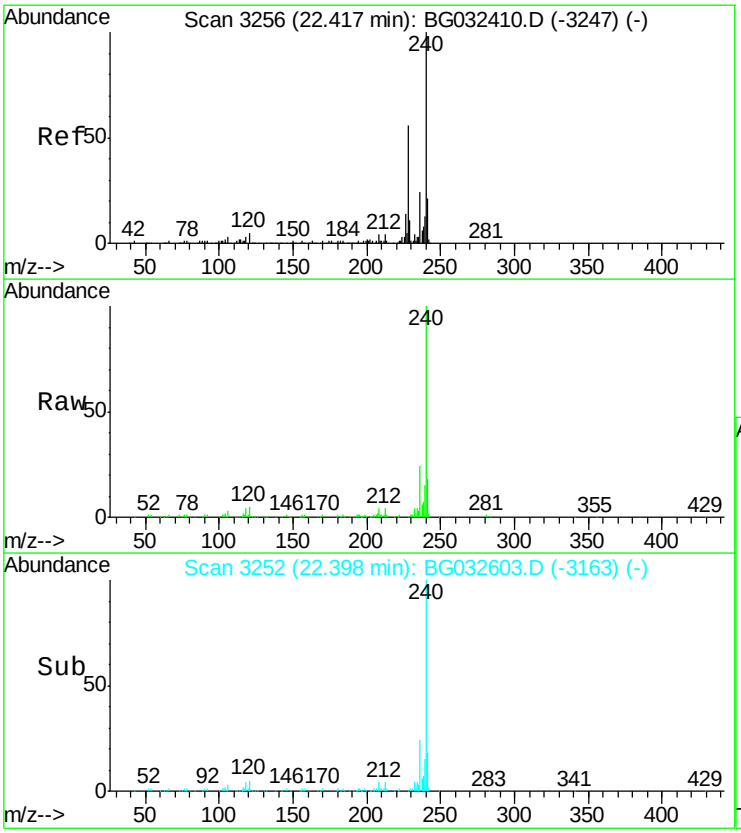

#66
4-Bromophenyl-phenylether
Concen: 4.50 ng
RT: 16.80 min Scan# 2300
Delta R.T. -0.45 min
Lab File: BG032603.D
Acq: 7 Feb 2018 20:58

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

Tgt Ion:248 Resp: 10578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 218.5 | 77.1 | 115.7# |
| 141 | 332.0 | 50.8 | 76.2# |

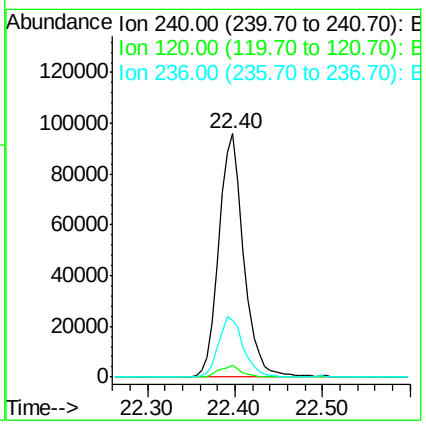


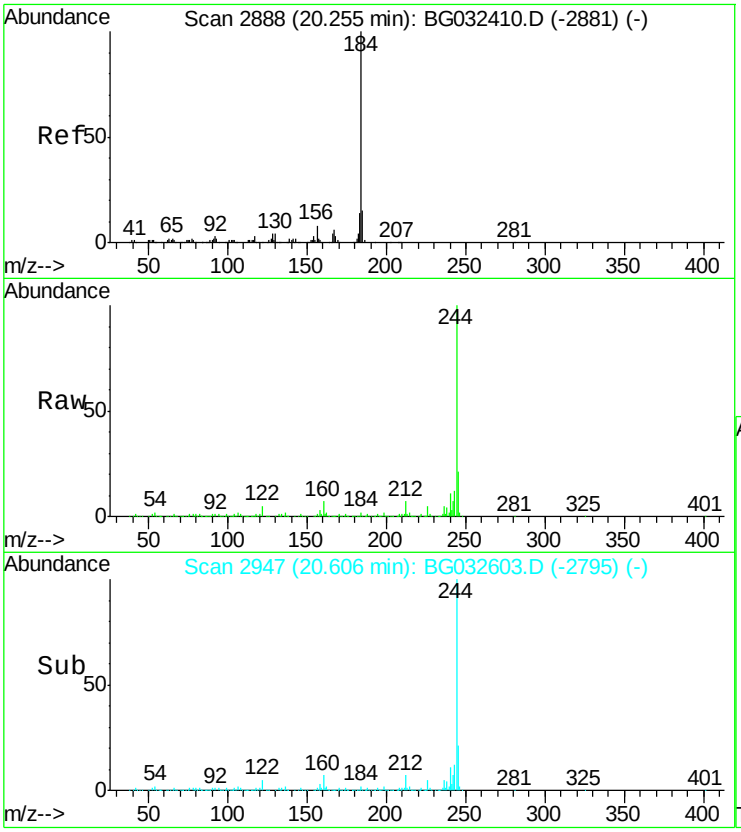




#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.40 min Scan# 3252
Delta R.T. -0.01 min
Lab File: BG032603.D
Acq: 7 Feb 2018 20:58

Tgt Ion:240 Resp: 188025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 4.7 | 6.8 | 10.2# |
| 236 | 23.5 | 20.9 | 31.3 |



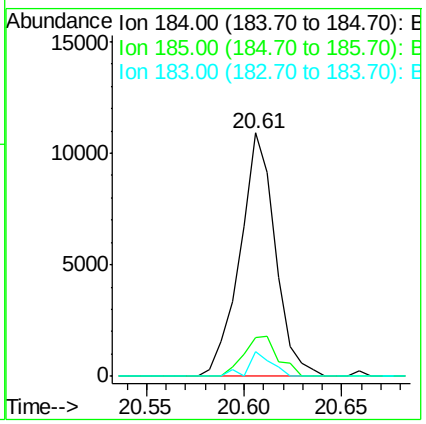


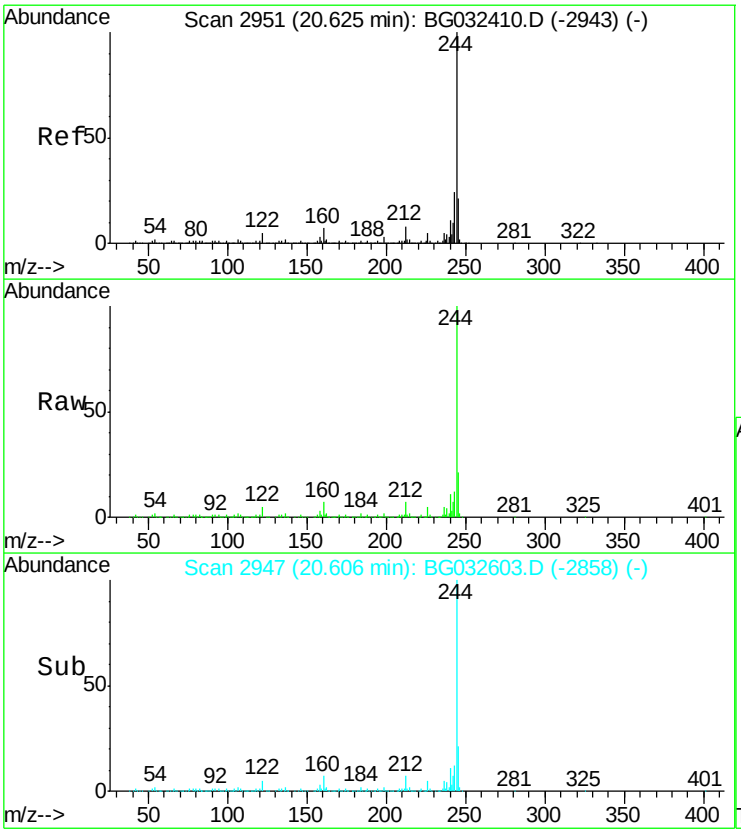

#76
Benzidine
Concen: 3.69 ng
RT: 20.61 min Scan# 2947
Delta R.T. 0.36 min
Lab File: BG032603.D
Acq: 7 Feb 2018 20:58

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

Tgt Ion:184 Resp: 13628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.9 | 11.1 | 16.7 |
| 183 | 10.1 | 10.6 | 16.0# |

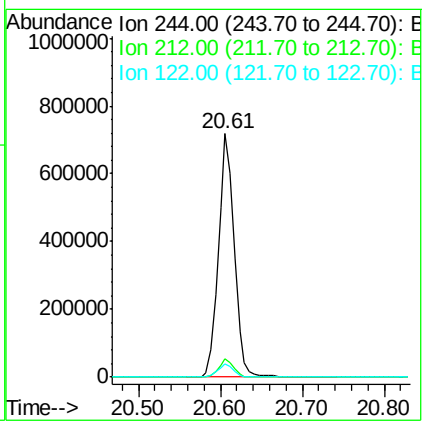


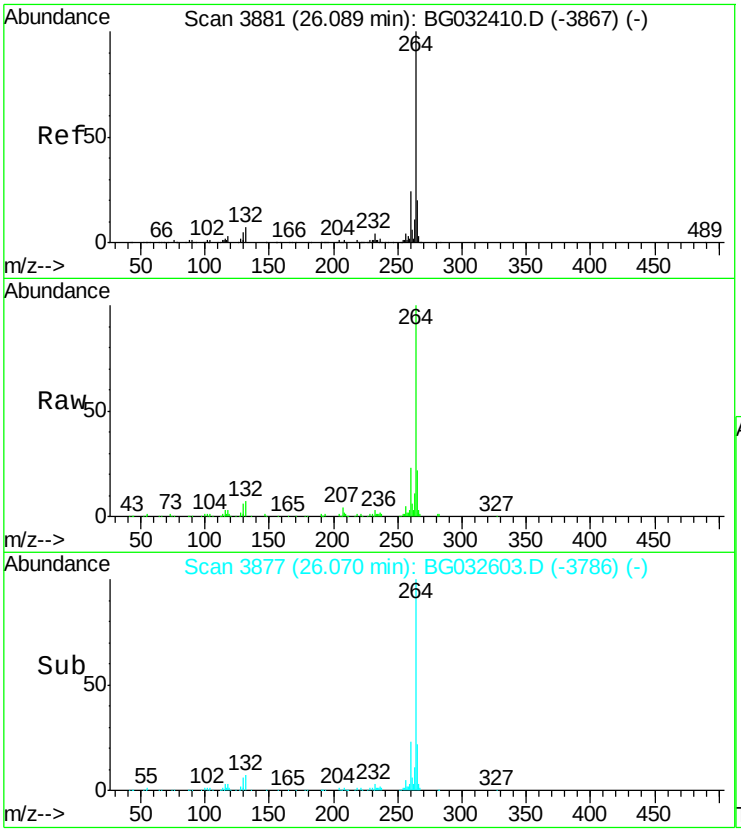




#78
Terphenyl-d14
Concen: 110.31 ng
RT: 20.61 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BG032603.D
Acq: 7 Feb 2018 20:58

Tgt Ion:244 Resp: 968238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.4 | 5.8 | 8.8 |
| 122 | 5.4 | 7.0 | 10.4# |






#86
Perylene-d12
Concen: 20.00 ng
RT: 26.07 min Scan# 3877
Delta R.T. 0.00 min
Lab File: BG032603.D
Acq: 7 Feb 2018 20:58

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

Tgt Ion:264 Resp: 210267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.1 | 17.4 | 26.0 |
| 265 | 21.9 | 17.7 | 26.5 |