Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091415\
Data File : BG018674.D
Acq On : 14 Sep 2015 22:47
Operator : UM/IZ
Sample : G3575-01RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Sep 15 01:32:43 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 01:23:14 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.00 | 152 | 92903 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.82 | 136 | 409342 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.64 | 164 | 257056 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.37 | 188 | 549226 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.63 | 240 | 581637 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 24.83 | 264 | 583952 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.61 | 112 | 206175 | 38.34 | ng | | 0.04 |
| 7) Phenol-d6 | 7.28 | 99 | 5507 | 0.71 | ng | | 0.12 |
| 23) Nitrobenzene-d5 | 9.19 | 82 | 657084 | 89.82 | ng | | 0.02 |
| 41) 2,4,6-Tribromophenol | 16.13 | 330 | 257492 | 74.39 | ng | | 0.01 |
| 44) 2-Fluorobiphenyl | 13.26 | 172 | 1633339 | 88.20 | ng | | 0.00 |
| 78) Terphenyl-d14 | 19.99 | 244 | 1844594 | 83.28 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.46 | 88 | 4642 | 2.07 | ng | # | 100 |
| 9) Benzaldehyde | 7.14 | 77 | 32774 | 7.89 | ng | | 94 |
| 15) Benzyl Alcohol | 8.42 | 79 | 358902 | 64.57 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.56 | 45 | 346221 | 48.30 | ng | | 65 |
| 17) 2-Methylphenol | 8.42 | 107 | 223696 | 39.52 | ng | # | 17 |
| 19) n-Nitroso-di-n-propylamine | 8.80 | 70 | 35408 | 6.52 | ng | # | 70 |
| 32) Benzoic acid | 10.13 | 122 | 1279 | 8.13 | ng | # | 86 |
| 49) Dimethylphthalate | 14.08 | 163 | 68486 | 3.22 | ng | # | 98 |
| 53) 2,4-Dinitrophenol | 14.74 | 184 | 198 | 7.72 | ng | # | 46 |
| 64) 4,6-Dinitro-2-methylphenol | 15.78 | 198 | 54 | 5.42 | ng | # | 1 |

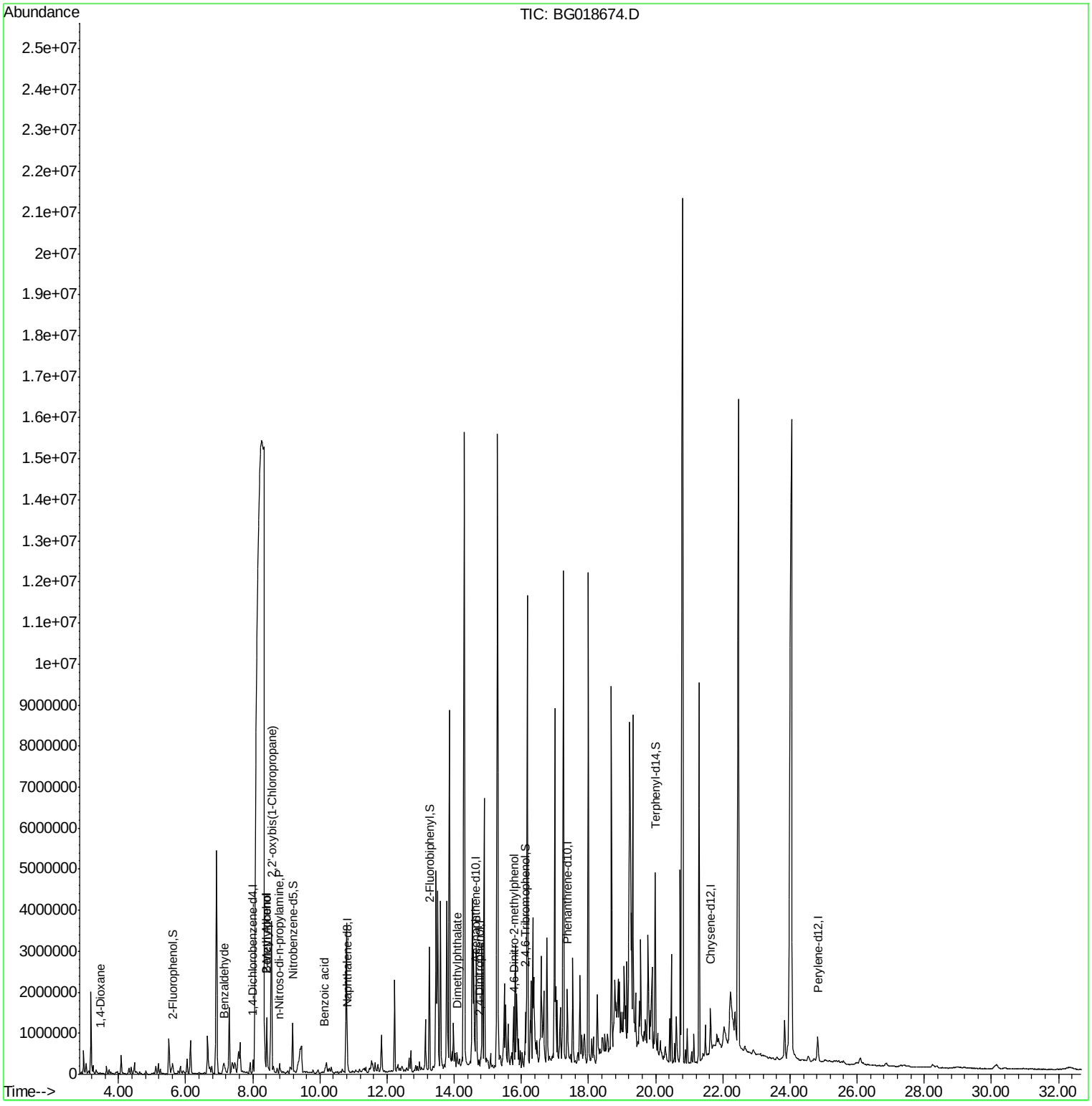
(#) = qualifier out of range (m) = manual integration (+) = signals summed

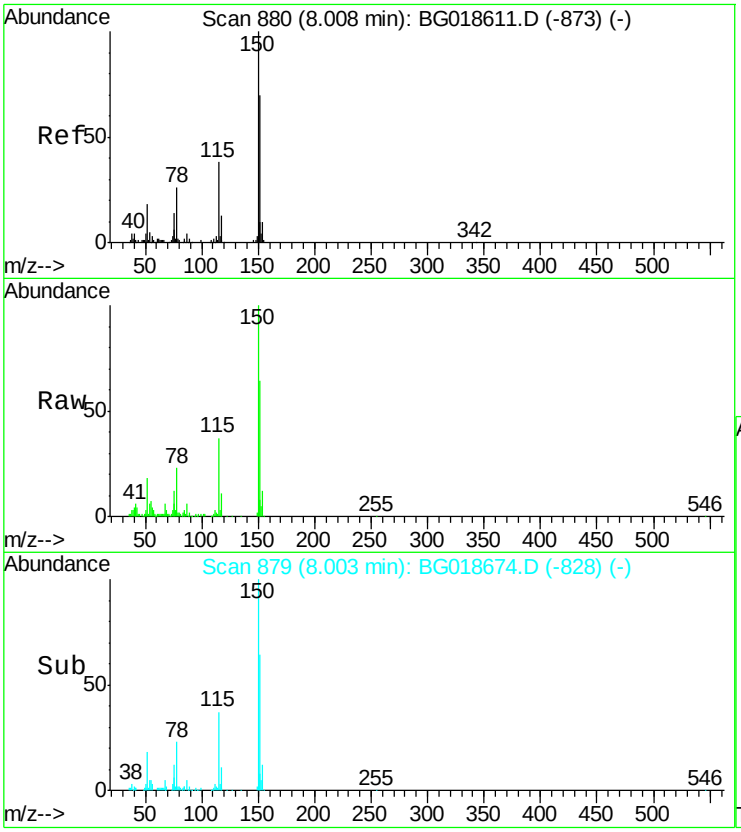
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091415\
Data File : BG018674.D
Acq On : 14 Sep 2015 22:47
Operator : UM/IZ
Sample : G3575-01RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Sep 15 01:32:43 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 01:23:14 2015
Response via : Initial Calibration



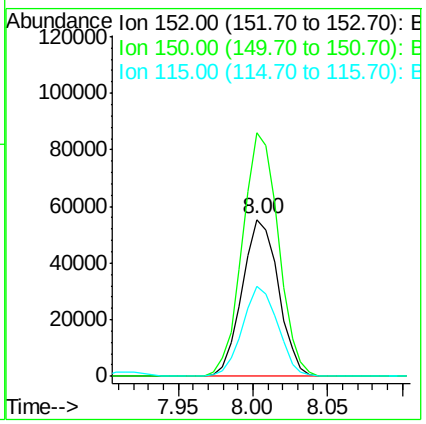


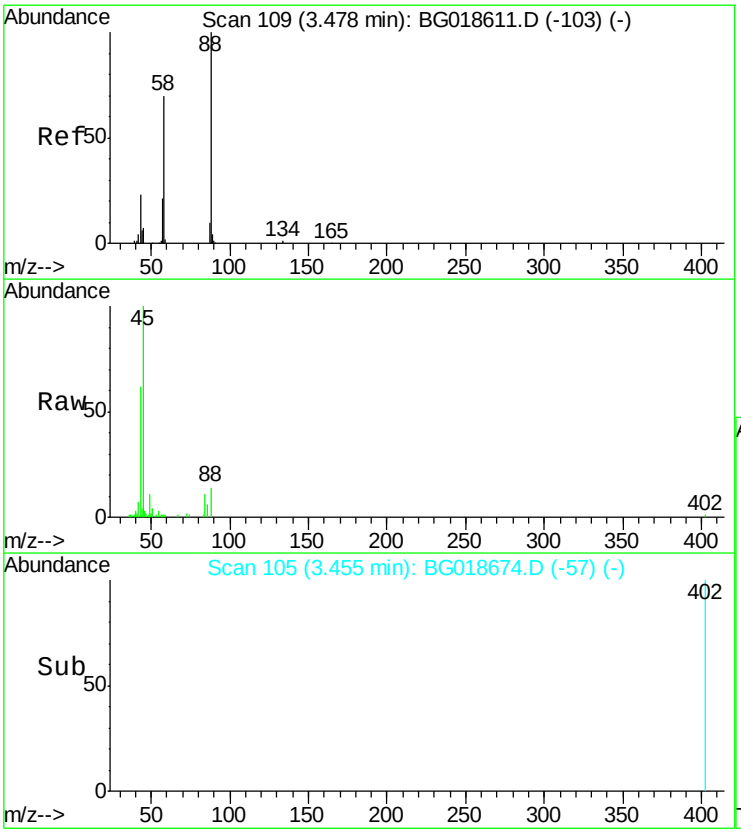

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.00 min Scan# 879
Delta R.T. 0.00 min
Lab File: BG018674.D
Acq: 14 Sep 2015 22:47

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

Tgt Ion:152 Resp: 92903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.2 | 115.0 | 172.4 |
| 115 | 57.7 | 43.9 | 65.9 |

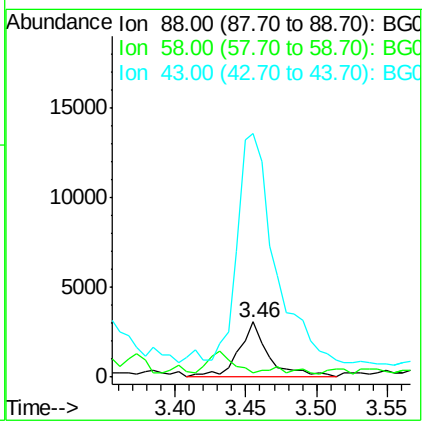


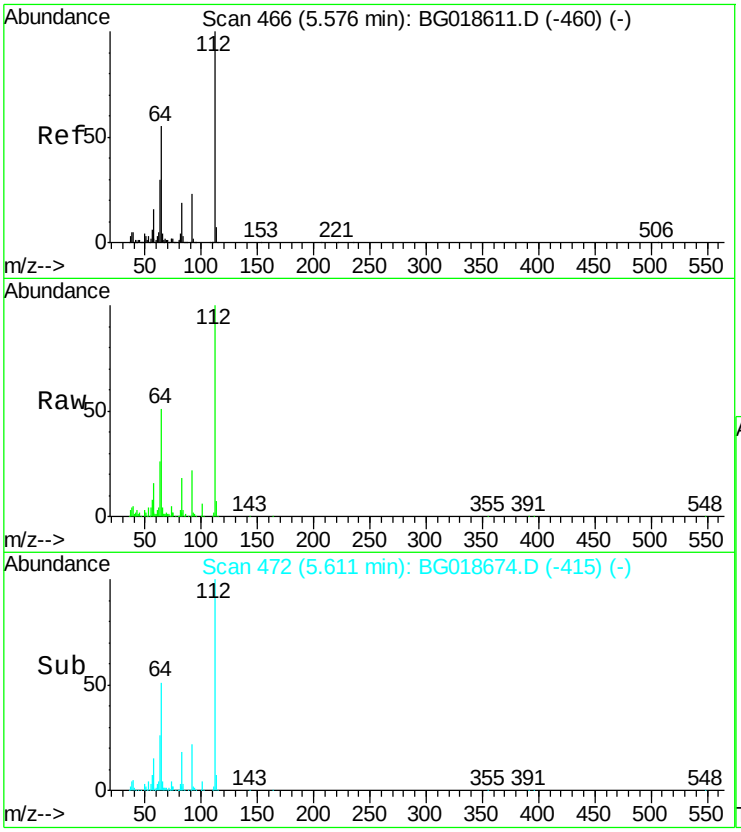




#2
1,4-Dioxane
Concen: 2.07 ng
RT: 3.46 min Scan# 105
Delta R.T. -0.02 min
Lab File: BG018674.D
Acq: 14 Sep 2015 22:47

Tgt Ion: 88 Resp: 4642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 10.7 | 0.0 | 0.0# |
| 43 | 512.0 | 0.0 | 0.0# |



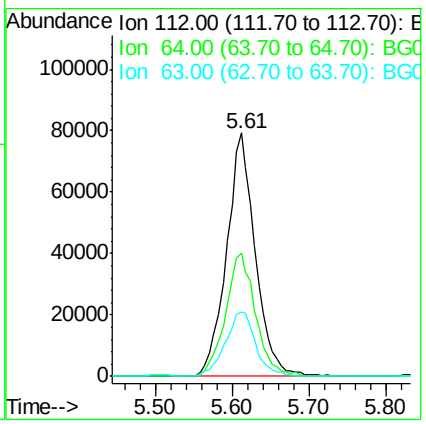


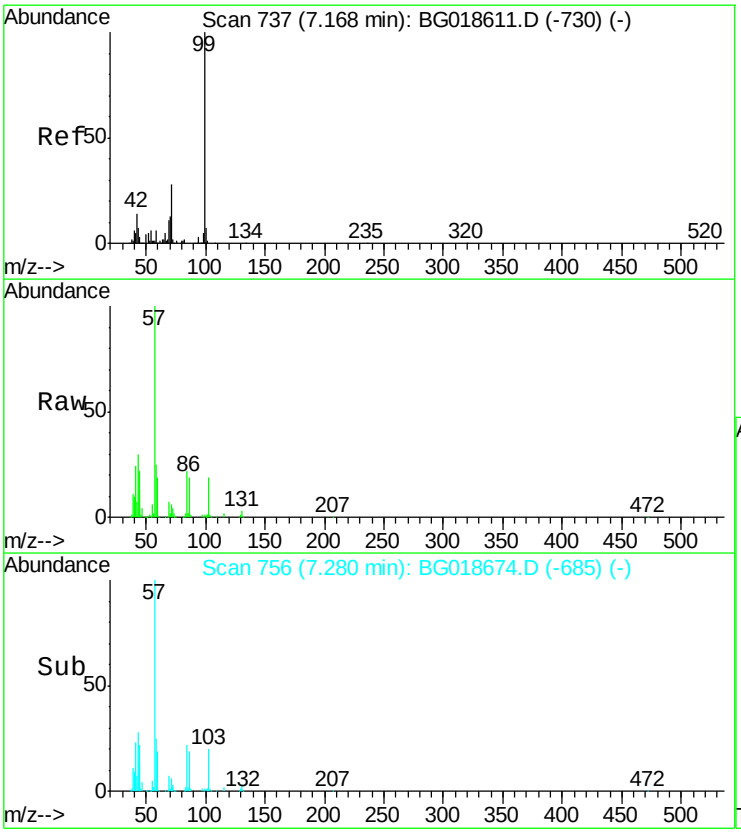

#5
2-Fluorophenol
Concen: 38.34 ng
RT: 5.61 min Scan# 472
Delta R.T. 0.04 min
Lab File: BG018674.D
Acq: 14 Sep 2015 22:47

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

Tgt Ion:112 Resp: 206175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.5 | 43.7 | 65.5 |
| 63 | 26.2 | 24.0 | 36.0 |

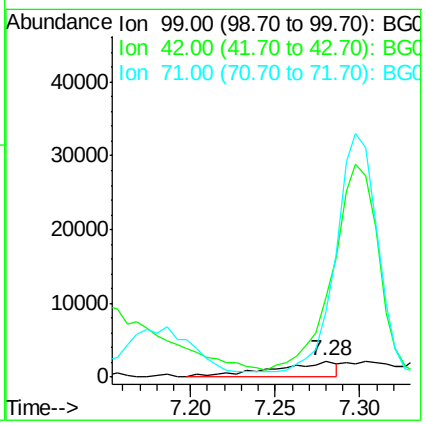


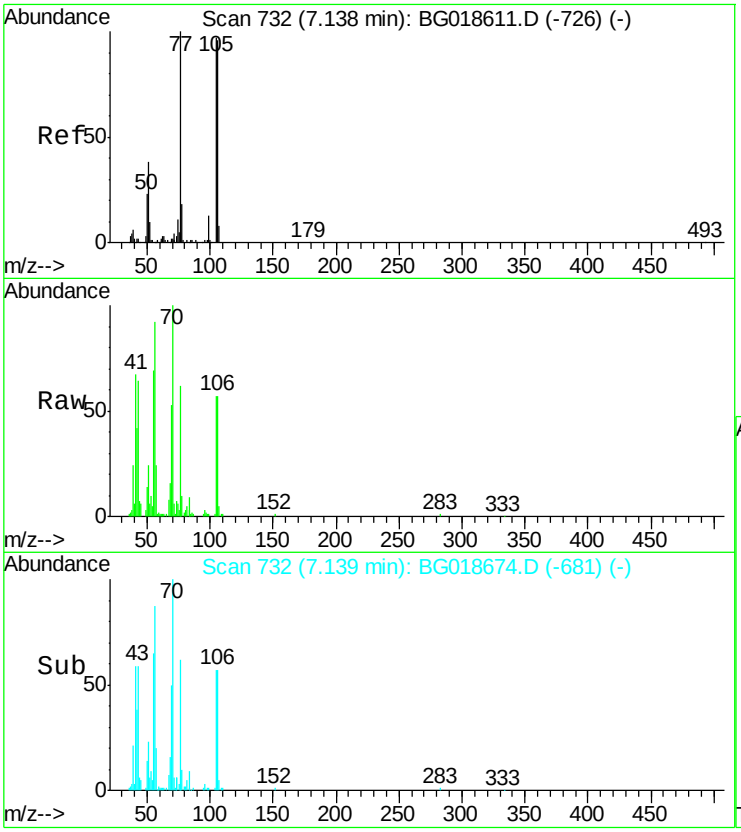




#7
Phenol-d6
Concen: 0.71 ng
RT: 7.28 min Scan# 756
Delta R.T. 0.12 min
Lab File: BG018674.D
Acq: 14 Sep 2015 22:47

Tgt Ion: 99 Resp: 5507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 504.8 | 11.5 | 17.3# |
| 71 | 416.0 | 22.6 | 34.0# |



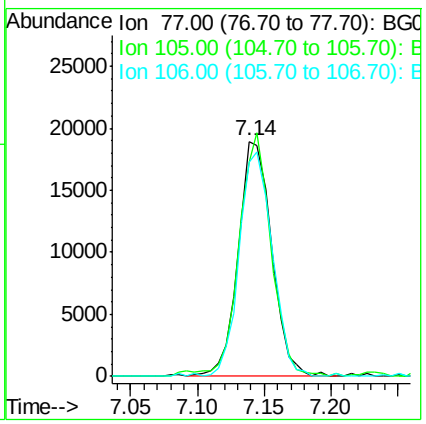


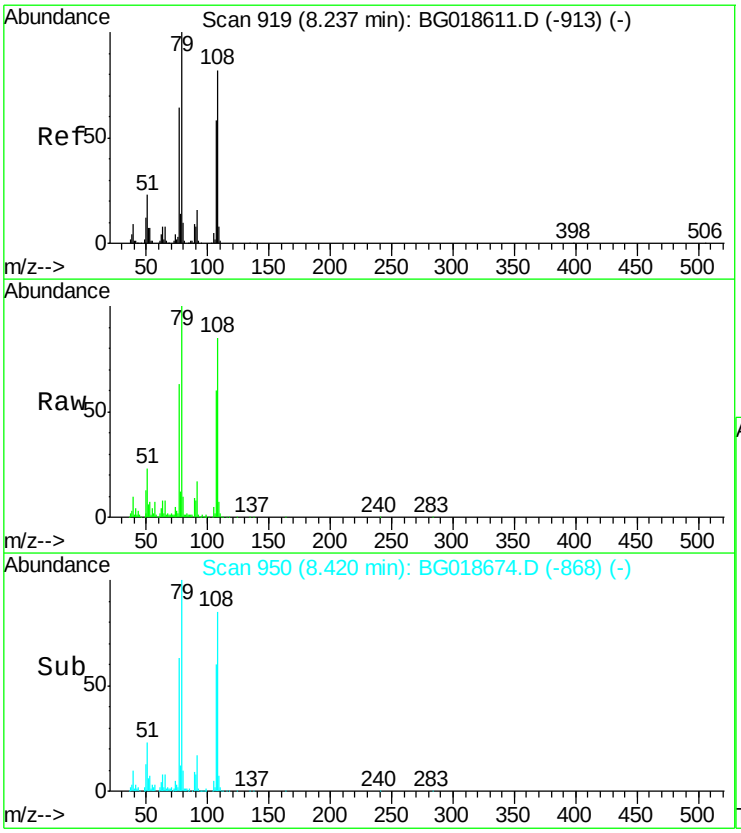

#9
Benzaldehyde
Concen: 7.89 ng
RT: 7.14 min Scan# 732
Delta R.T. 0.00 min
Lab File: BG018674.D
Acq: 14 Sep 2015 22:47

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

Tgt Ion: 77 Resp: 32774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 91.1 | 77.7 | 117.7 |
| 106 | 91.4 | 75.8 | 115.8 |

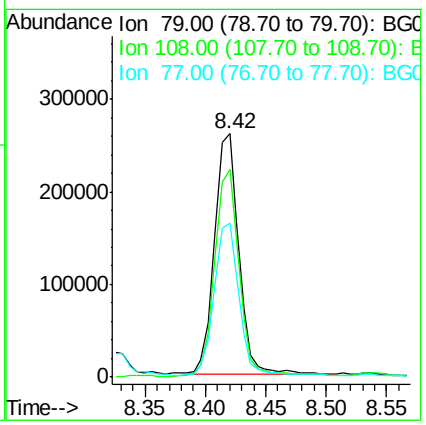


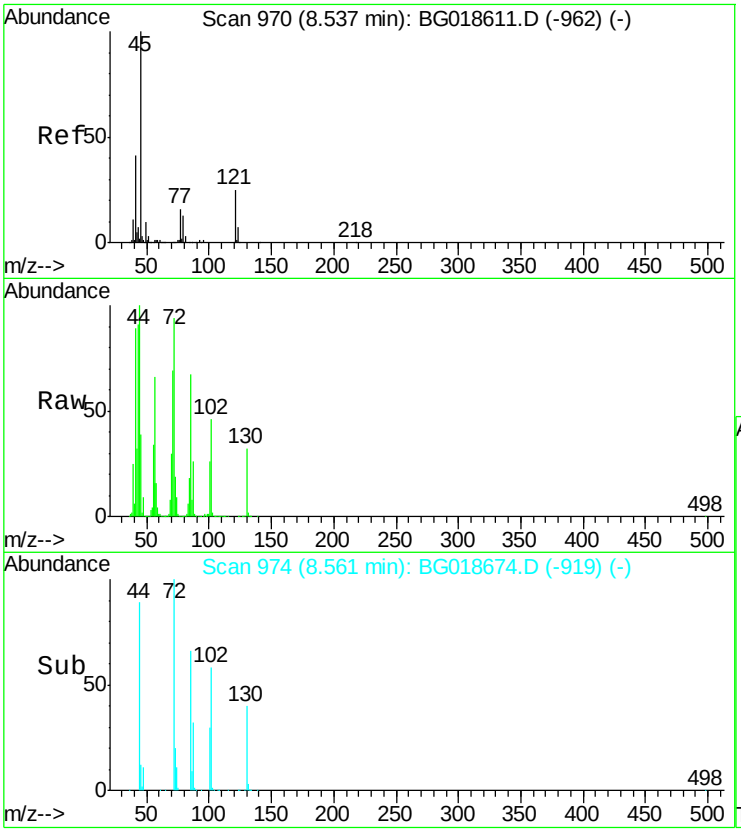




#15
Benzyl Alcohol
Concen: 64.57 ng
RT: 8.42 min Scan# 950
Delta R.T. 0.18 min
Lab File: BG018674.D
Acq: 14 Sep 2015 22:47

Tgt Ion: 79 Resp: 358902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 85.3 | 65.5 | 98.3 |
| 77 | 63.4 | 51.3 | 76.9 |



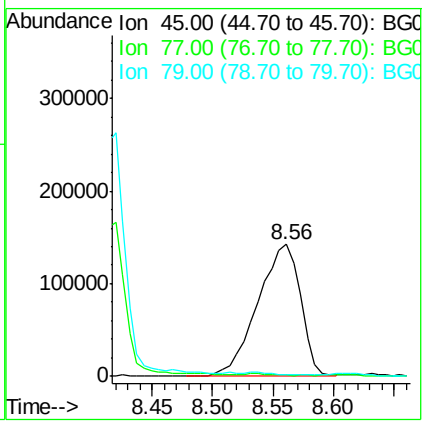


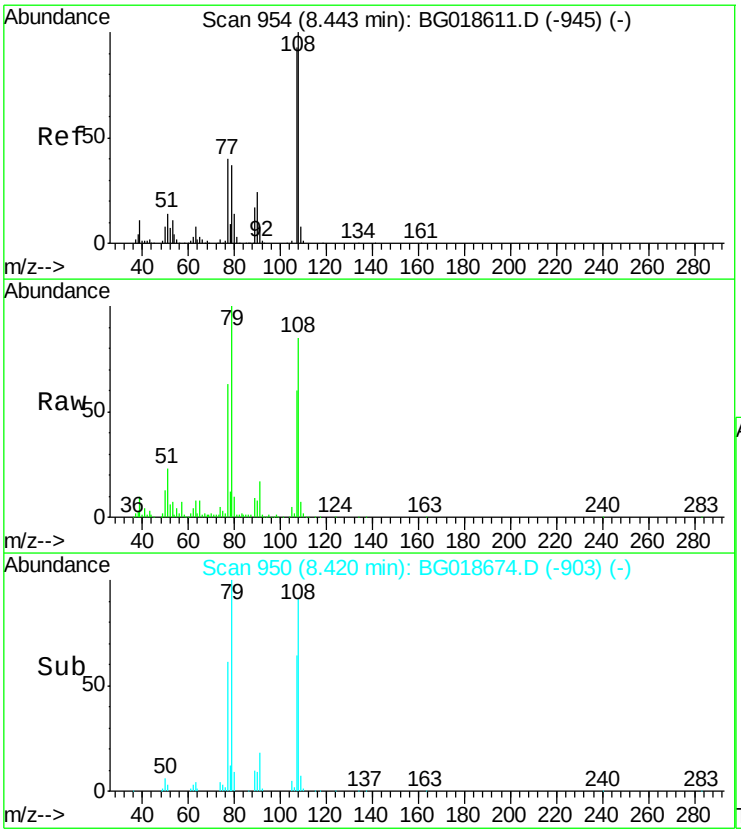

#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.30 ng
RT: 8.56 min Scan# 974
Delta R.T. 0.02 min
Lab File: BG018674.D
Acq: 14 Sep 2015 22:47

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

Tgt Ion: 45 Resp: 346221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 0.8 | 0.0 | 37.0 |
| 79 | 1.2 | 0.0 | 33.8 |

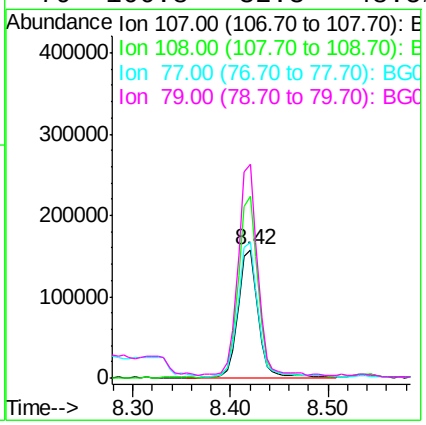


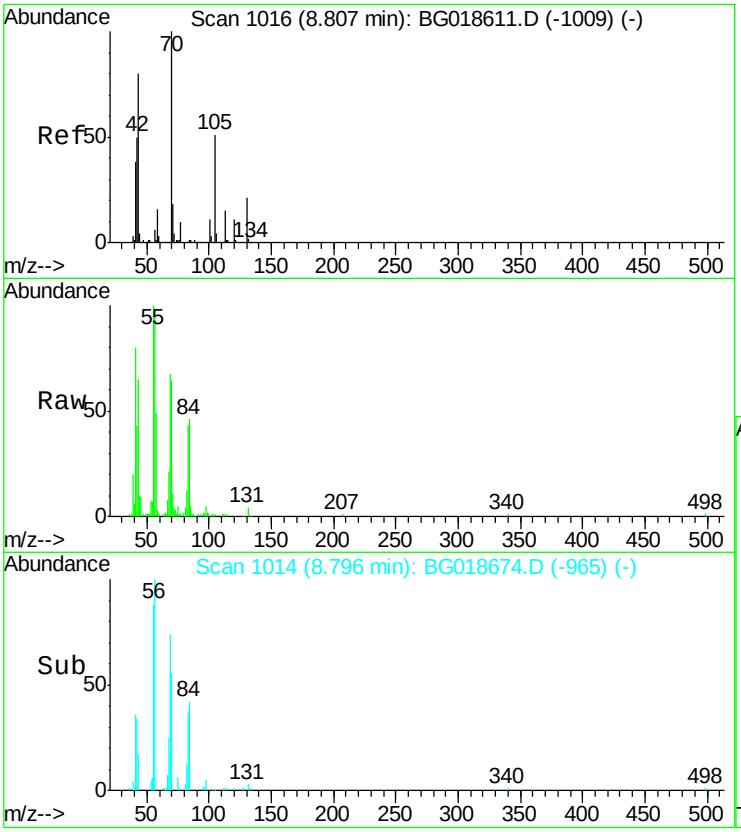




#17
2-Methylphenol
Concen: 39.52 ng
RT: 8.42 min Scan# 950
Delta R.T. -0.02 min
Lab File: BG018674.D
Acq: 14 Sep 2015 22:47

Tgt Ion:107 Resp: 223696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 142.3 | 86.5 | 129.7# |
| 77 | 105.7 | 34.6 | 51.8# |
| 79 | 166.8 | 32.3 | 48.5# |



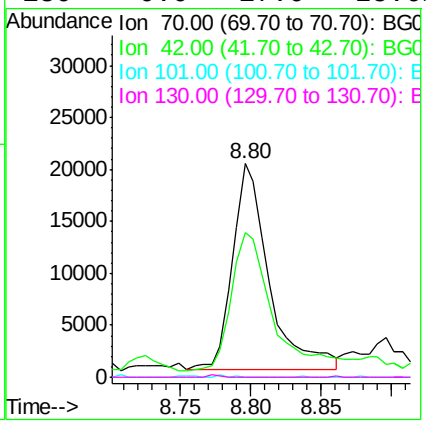


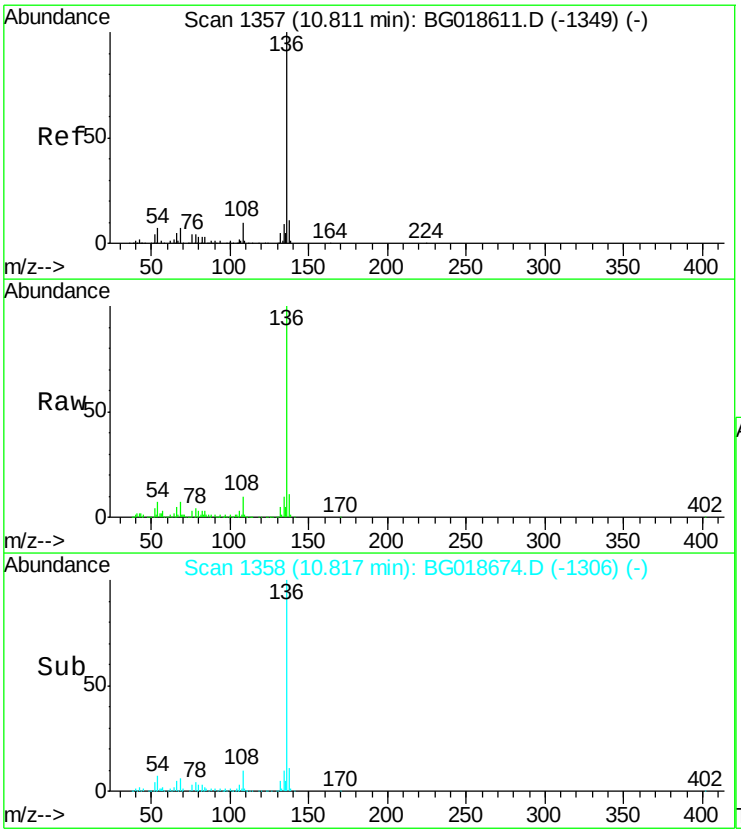

#19
n-Nitroso-di-n-propylamine
Concen: 6.52 ng
RT: 8.80 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG018674.D
Acq: 14 Sep 2015 22:47

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

Tgt Ion: 70 Resp: 35408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 67.7 | 40.6 | 60.8# |
| 101 | 0.0 | 8.6 | 13.0# |
| 130 | 0.0 | 17.0 | 25.6# |

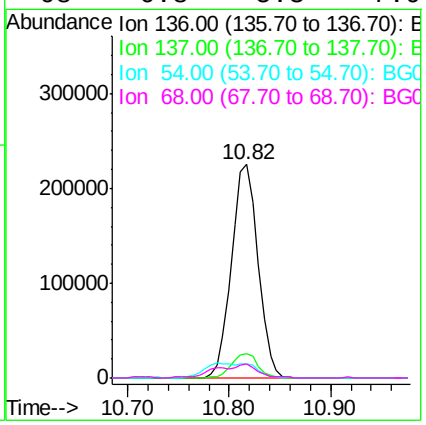


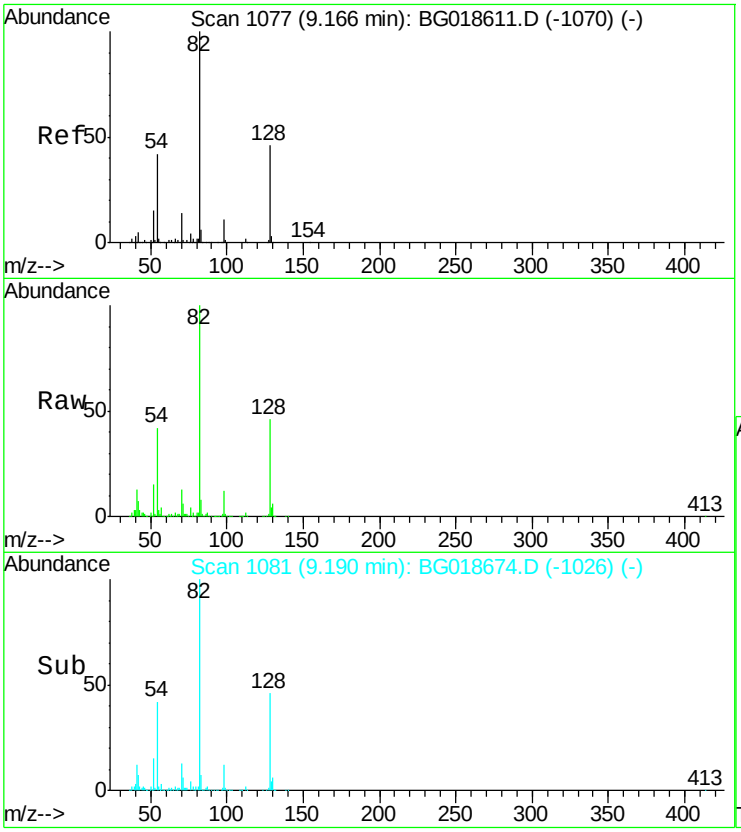




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.82 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BG018674.D
Acq: 14 Sep 2015 22:47

Tgt Ion:136 Resp: 409342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.4 | 8.6 | 12.8 |
| 54 | 6.8 | 5.4 | 8.2 |
| 68 | 6.8 | 5.3 | 7.9 |



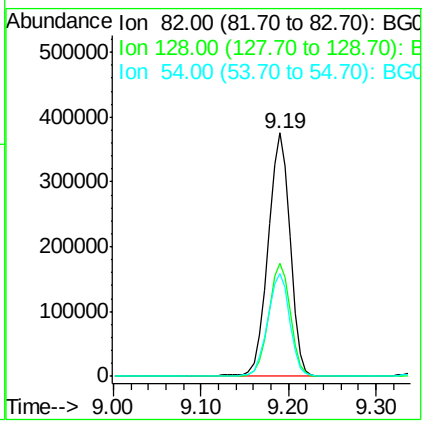


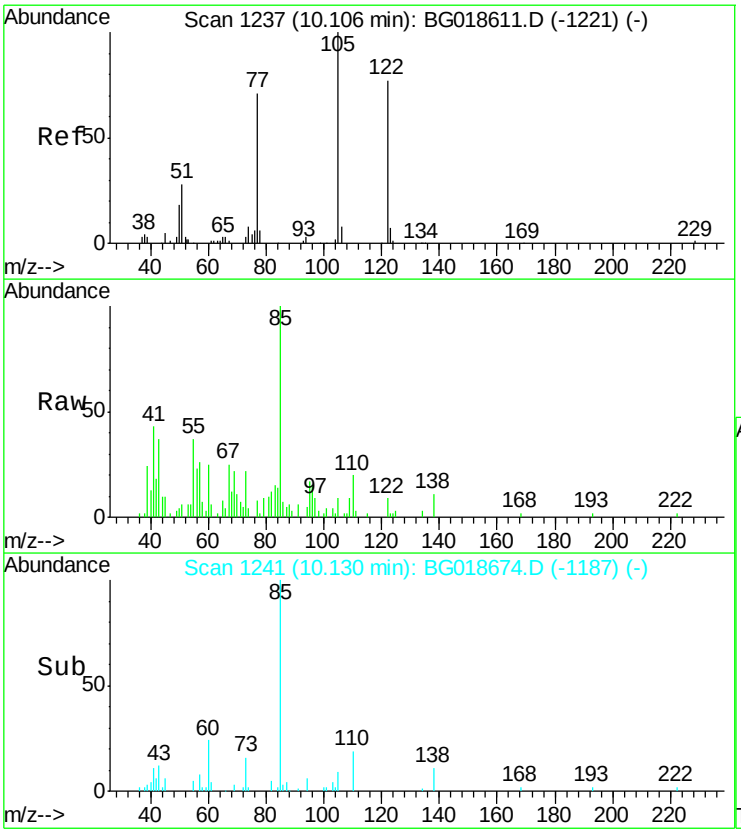

#23
Nitrobenzene-d5
Concen: 89.82 ng
RT: 9.19 min Scan# 1081
Delta R.T. 0.02 min
Lab File: BG018674.D
Acq: 14 Sep 2015 22:47

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

Tgt Ion: 82 Resp: 657084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.2 | 36.7 | 55.1 |
| 54 | 42.3 | 33.8 | 50.8 |

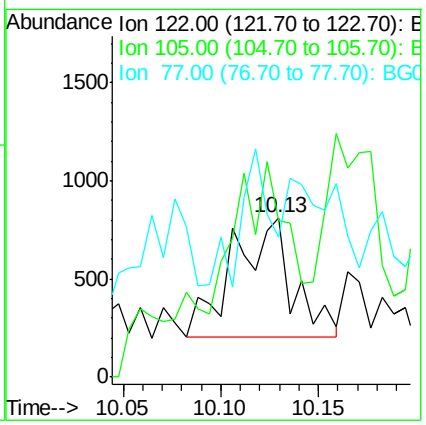


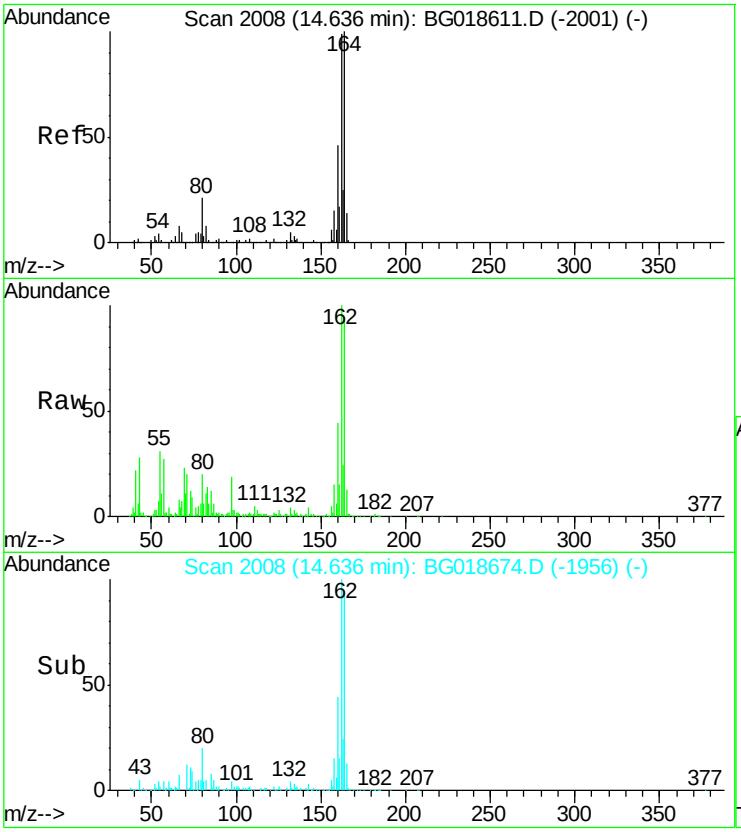




#32
Benzoic acid
Concen: 8.13 ng
RT: 10.13 min Scan# 1241
Delta R.T. 0.02 min
Lab File: BG018674.D
Acq: 14 Sep 2015 22:47

Tgt Ion:122 Resp: 1279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 98.0 | 103.8 | 143.8# |
| 77 | 87.5 | 68.8 | 108.8 |



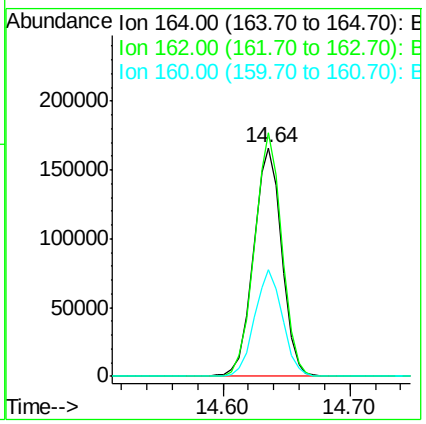


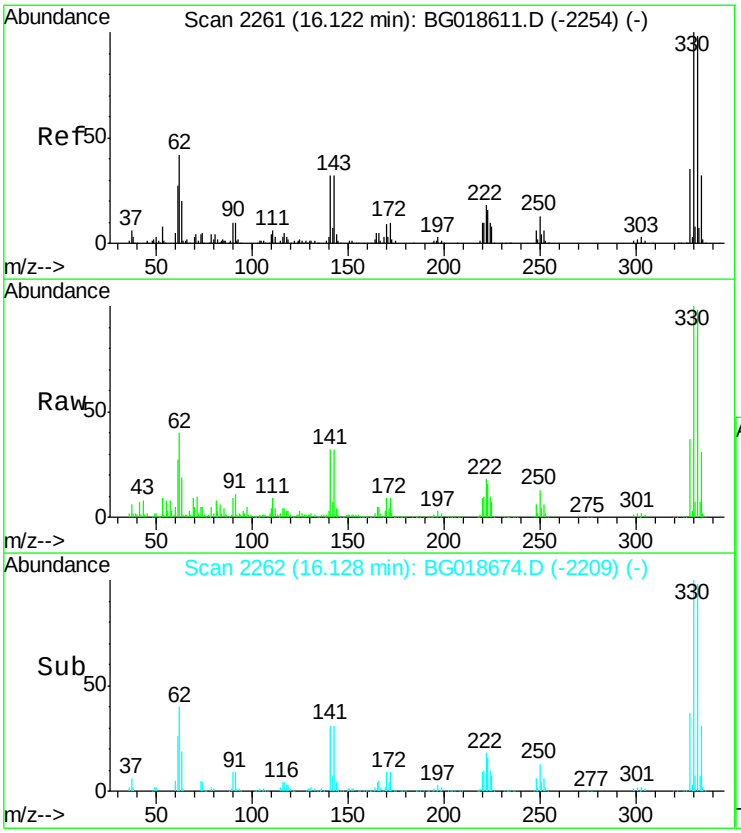

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG018674.D
Acq: 14 Sep 2015 22:47

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

Tgt Ion:164 Resp: 257056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 106.6 | 78.8 | 118.2 |
| 160 | 46.6 | 36.4 | 54.6 |

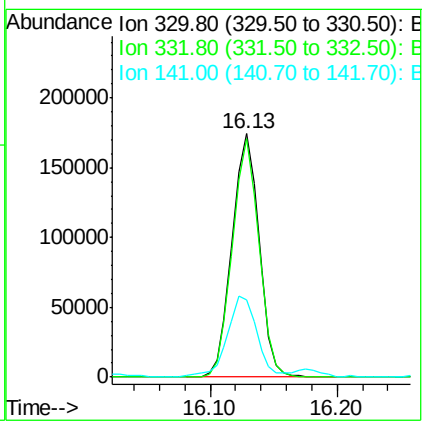


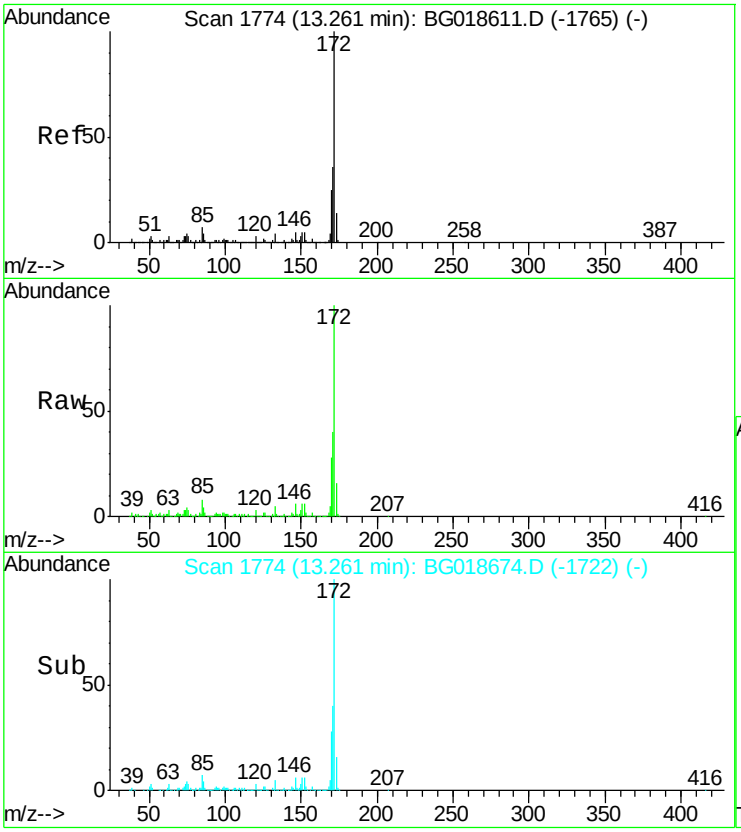




#41
2,4,6-Tribromophenol
Concen: 74.39 ng
RT: 16.13 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BG018674.D
Acq: 14 Sep 2015 22:47

Tgt Ion:330 Resp: 257492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.7 | 78.1 | 117.1 |
| 141 | 36.0 | 28.2 | 42.2 |



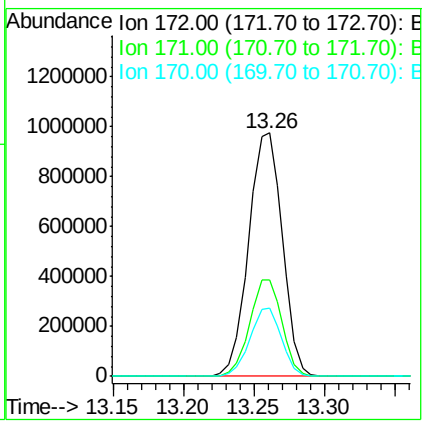


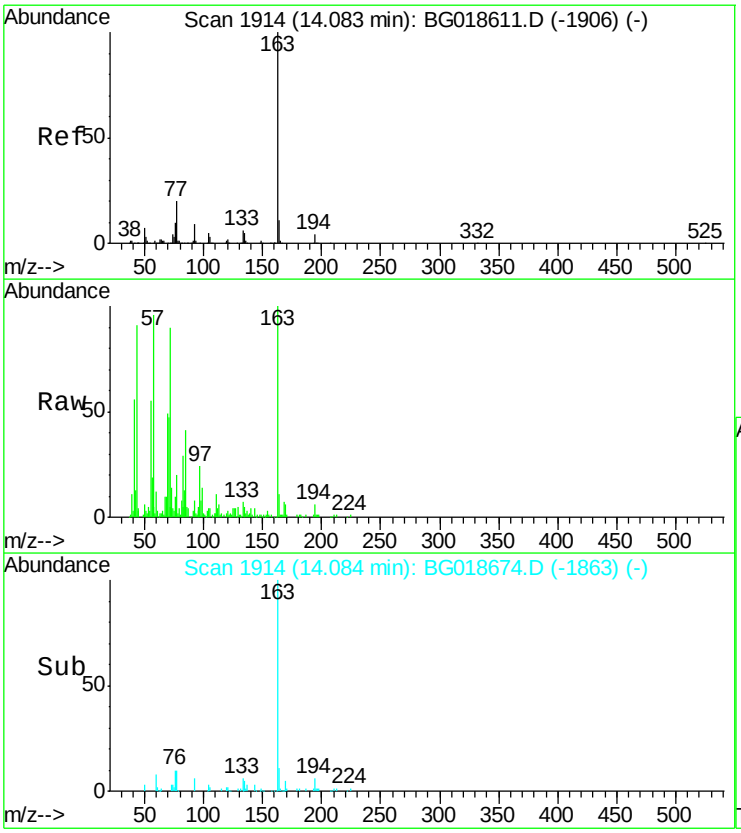

#44
2-Fluorobiphenyl
Concen: 88.20 ng
RT: 13.26 min Scan# 1774
Delta R.T. 0.01 min
Lab File: BG018674.D
Acq: 14 Sep 2015 22:47

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

Tgt Ion:172 Resp: 1633339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 39.7 | 29.0 | 43.6 |
| 170 | 27.9 | 19.9 | 29.9 |

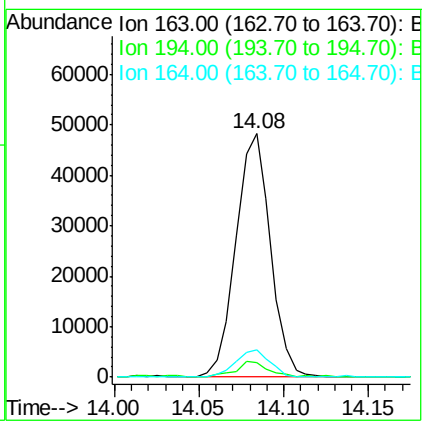


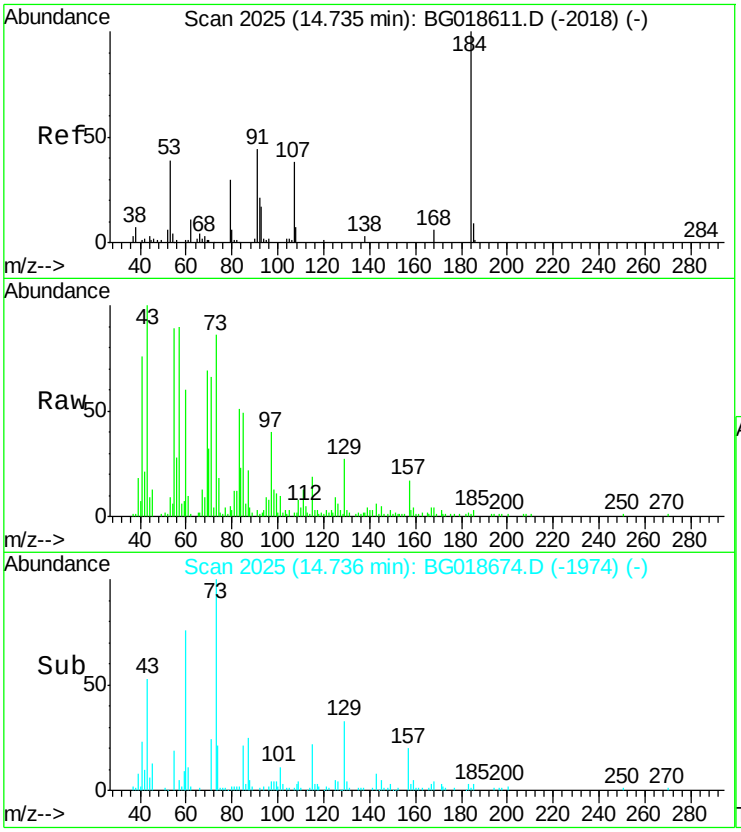




#49
Dimethylphthalate
Concen: 3.22 ng
RT: 14.08 min Scan# 1914
Delta R.T. 0.00 min
Lab File: BG018674.D
Acq: 14 Sep 2015 22:47

Tgt Ion:163 Resp: 68486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 6.1 | 3.1 | 4.7# |
| 164 | 11.3 | 8.8 | 13.2 |



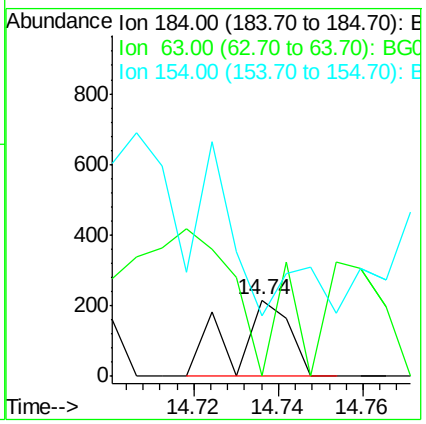


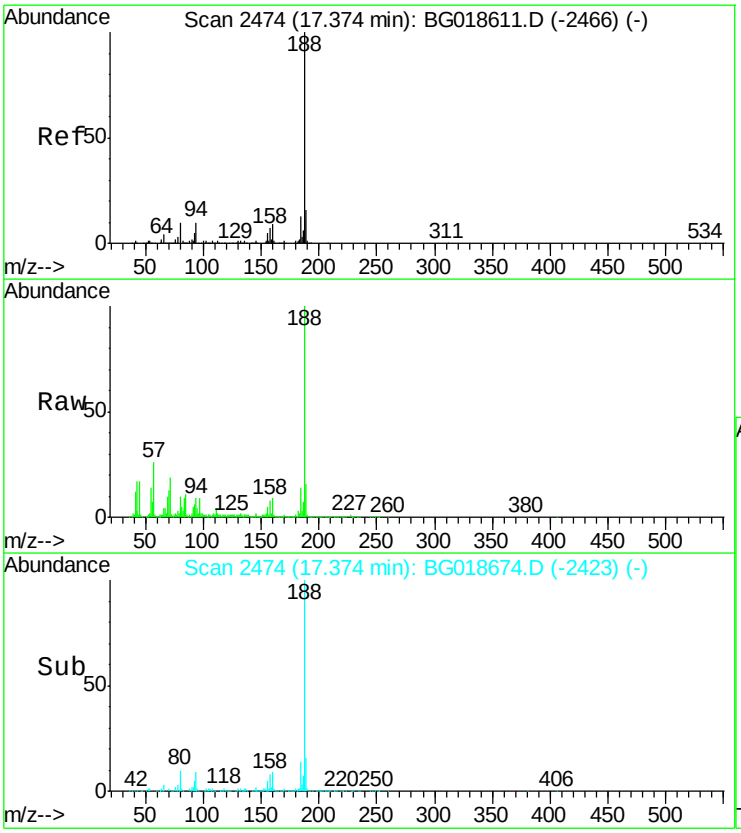

#53
2,4-Dinitrophenol
Concen: 7.72 ng
RT: 14.74 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BG018674.D
Acq: 14 Sep 2015 22:47

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

Tgt Ion:184 Resp: 198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 0.0 | 42.7 | 64.1# |
| 154 | 80.5 | 44.3 | 66.5# |

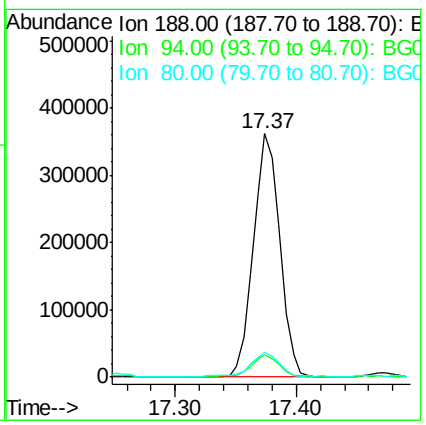


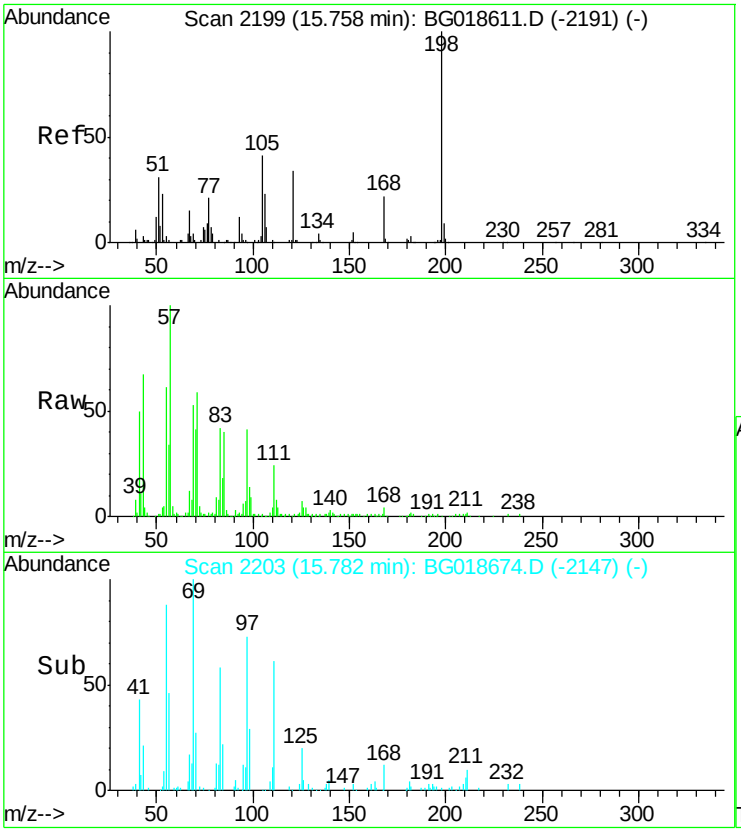




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2474
Delta R.T. 0.00 min
Lab File: BG018674.D
Acq: 14 Sep 2015 22:47

Tgt Ion:188 Resp: 549226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.3 | 7.7 | 11.5 |
| 80 | 10.4 | 7.8 | 11.8 |



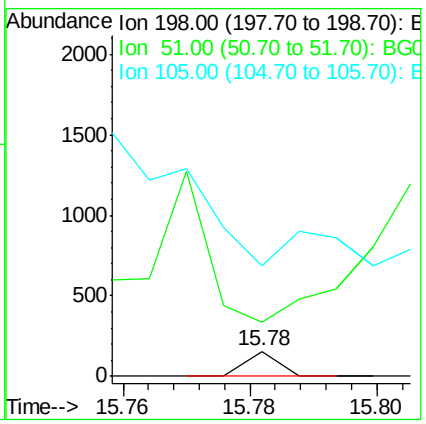


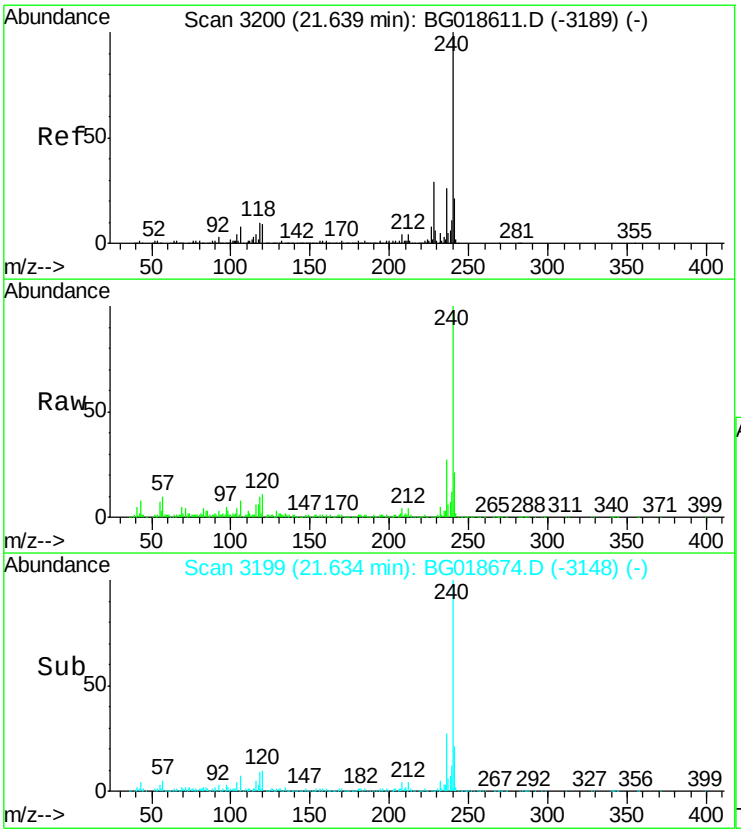

#64
4,6-Dinitro-2-methylphenol
Concen: 5.42 ng
RT: 15.78 min Scan# 2203
Delta R.T. 0.03 min
Lab File: BG018674.D
Acq: 14 Sep 2015 22:47

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

Tgt Ion:198 Resp: 54

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 218.8 | 14.2 | 54.2# |
| 105 | 447.4 | 21.1 | 61.1# |

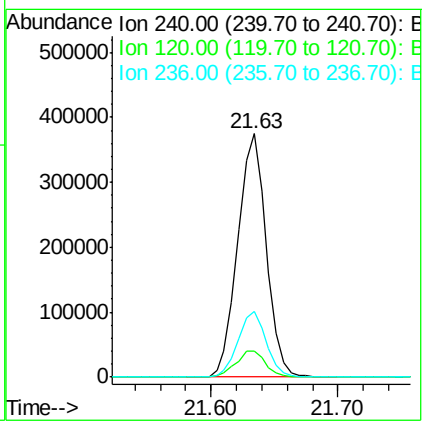


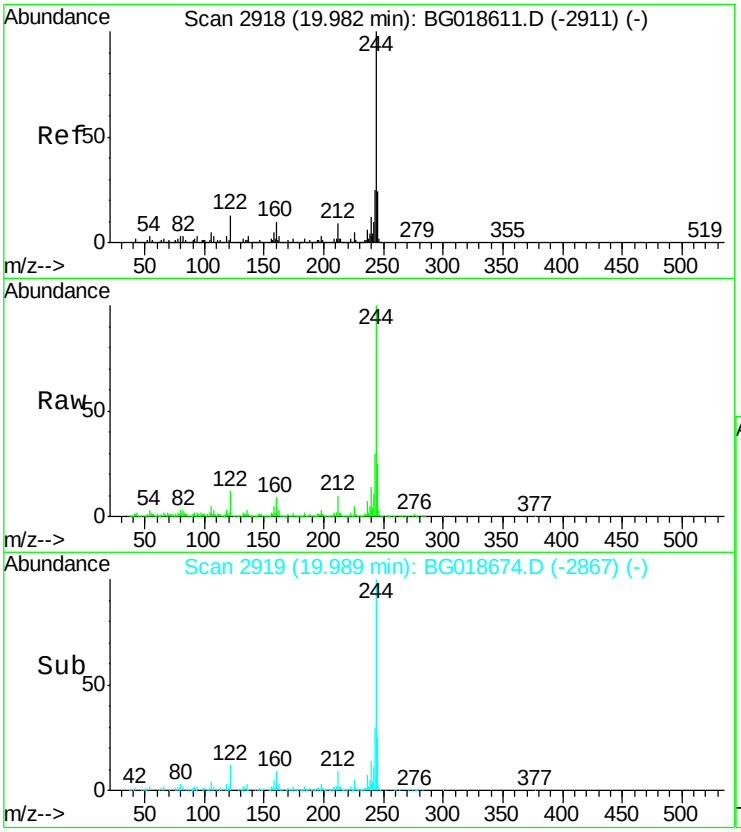




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3199
Delta R.T. 0.00 min
Lab File: BG018674.D
Acq: 14 Sep 2015 22:47

Tgt Ion:240 Resp: 581637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.5 | 7.4 | 11.0 |
| 236 | 26.9 | 20.7 | 31.1 |



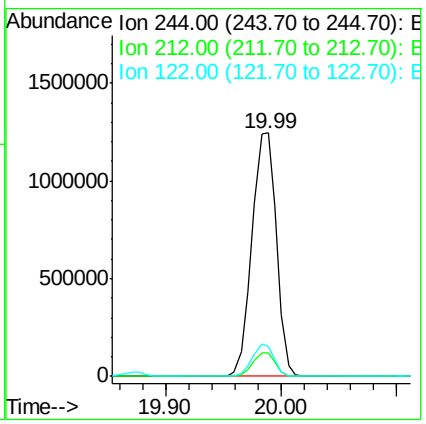


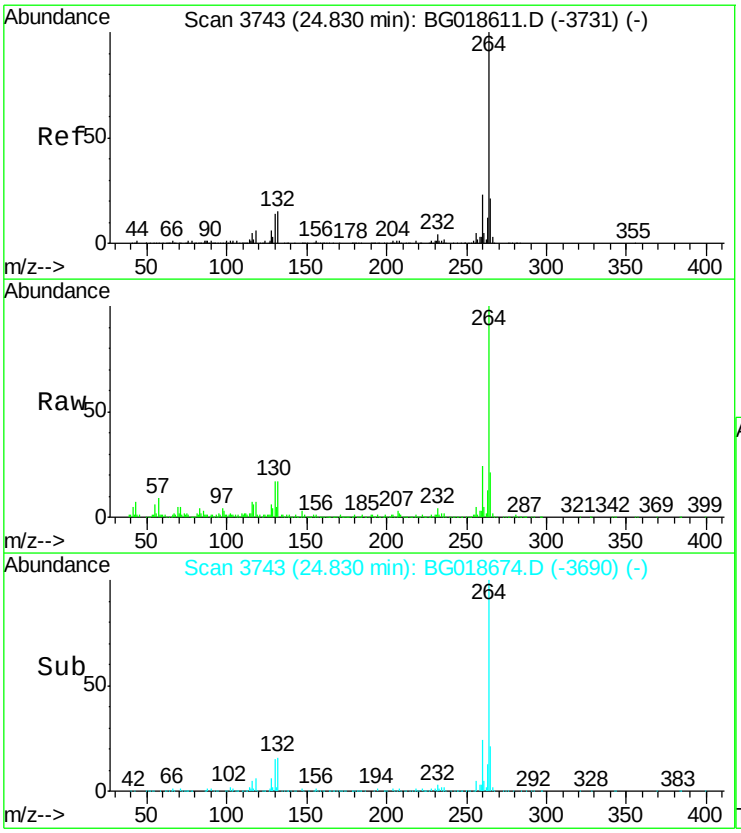

#78
Terphenyl-d14
Concen: 83.28 ng
RT: 19.99 min Scan# 2919
Delta R.T. 0.01 min
Lab File: BG018674.D
Acq: 14 Sep 2015 22:47

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

Tgt Ion:244 Resp: 1844594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.5 | 6.9 | 10.3 |
| 122 | 12.1 | 10.2 | 15.2 |




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.83 min Scan# 3743
Delta R.T. 0.01 min
Lab File: BG018674.D
Acq: 14 Sep 2015 22:47

Tgt Ion:264 Resp: 583952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 18.5 | 27.7 |
| 265 | 20.8 | 17.2 | 25.8 |