Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038849.D
Acq On : 27 Dec 2018 18:40
Operator : JU/SJ
Sample : J6533-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** COMP-3

Quant Time: Dec 28 00:29:17 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 | 8.05 | 152 | 22757 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.87 | 136 | 95632 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.69 | 164 | 68396 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.44 | 188 | 167637 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.72 | 240 | 174308 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 25.02 | 264 | 188470 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.61 | 112 | 109245 | 85.14 | ng | | 0.00 |
| 7) Phenol-d6 | 7.24 | 99 | 101998 | 57.91 | ng | | 0.03 |
| 23) Nitrobenzene-d5 | 9.24 | 82 | 180693 | 96.53 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.18 | 330 | 167479 | 177.67 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.31 | 172 | 497001 | 99.69 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.04 | 244 | 812245 | 101.41 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.49 | 88 | 3047 | 5.103 | ng | # | 78 |
| 10) Phenol | 7.26 | 94 | 12292 | 6.569 | ng | | 84 |
| 15) Benzyl Alcohol | 8.31 | 79 | 85693 | 62.330 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.43 | 45 | 97262 | 28.499 | ng | | 78 |
| 17) 2-Methylphenol | 8.53 | 107 | 3641 | 2.904 | ng | # | 90 |
| 19) n-Nitroso-di-n-propylamine | 9.24 | 70 | 25116 | 20.302 | ng | # | 65 |
| 20) 3+4-Methylphenols | 8.85 | 107 | 18710 | 10.806 | ng | | 86 |
| 27) 2,4-Dimethylphenol | 10.05 | 122 | 3169 | 2.281 | ng | | 93 |
| 32) Benzoic acid | 10.27 | 122 | 74015 | 76.288 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 12.20 | 107 | 18179 | 10.309 | ng | # | 22 |
| 57) 2,4-Dinitrotoluene | 14.69 | 165 | 9800 | 5.497 | ng | # | 30 |
| 67) 4-Bromophenyl-phenylether | 16.18 | 248 | 10845 | 5.297 | ng | # | 1 |

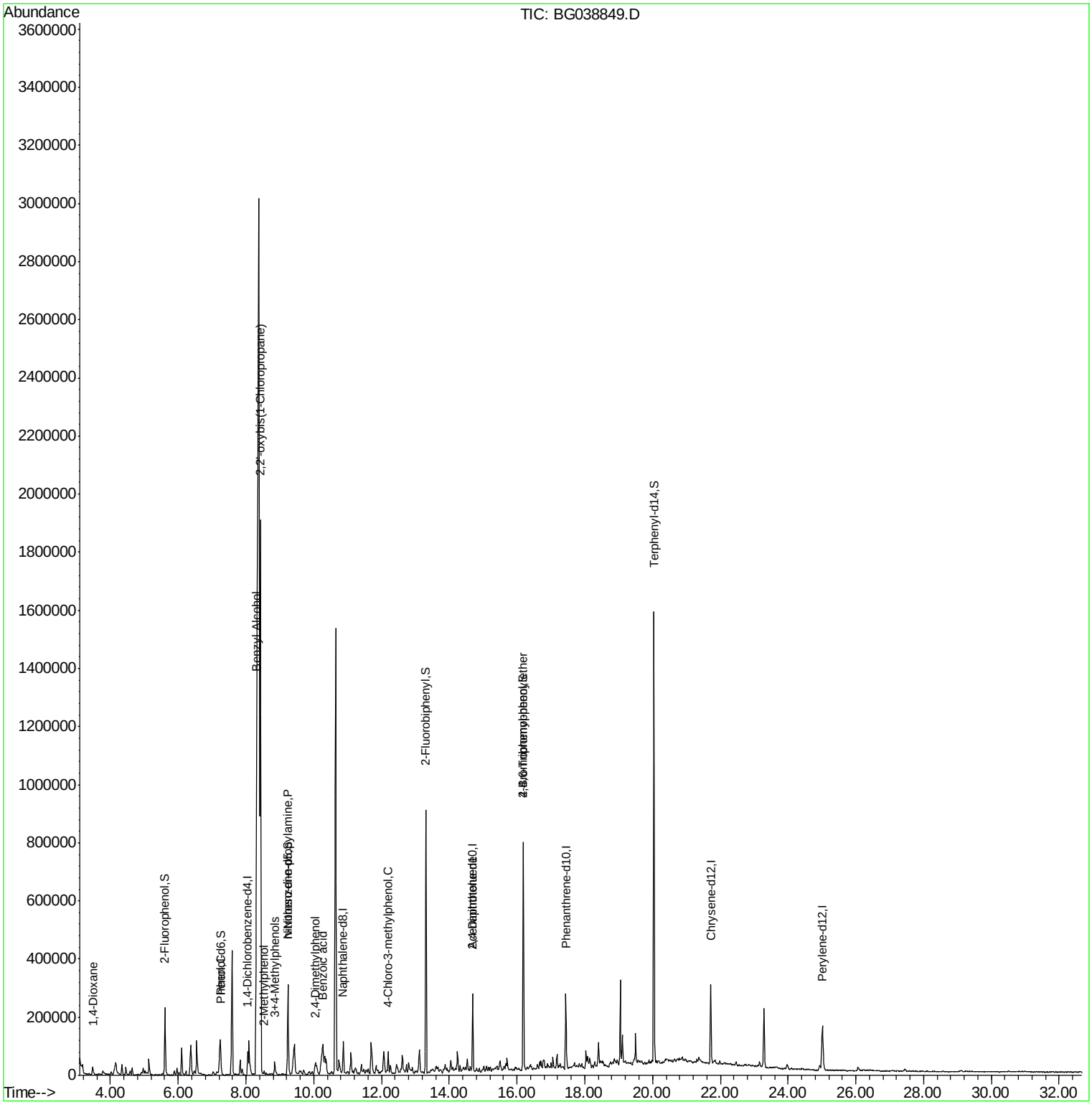
(#) = qualifier out of range (m) = manual integration (+) = signals summed

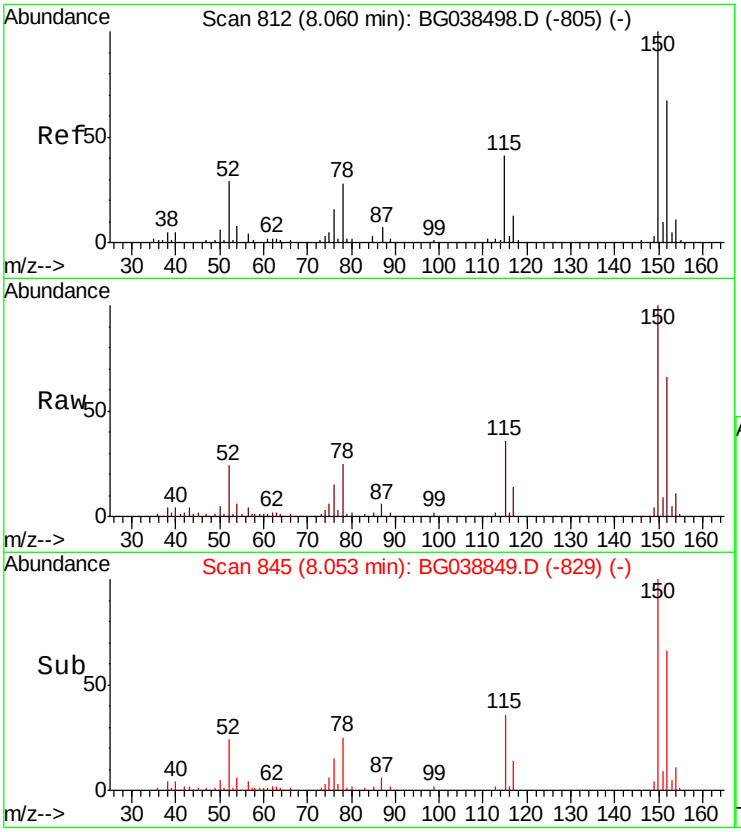
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038849.D
Acq On : 27 Dec 2018 18:40
Operator : JU/SJ
Sample : J6533-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
COMP-3

Quant Time: Dec 28 00:29:17 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



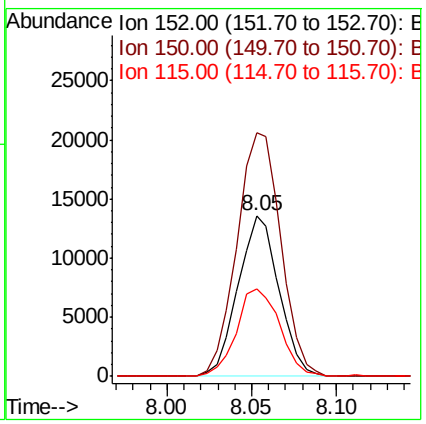


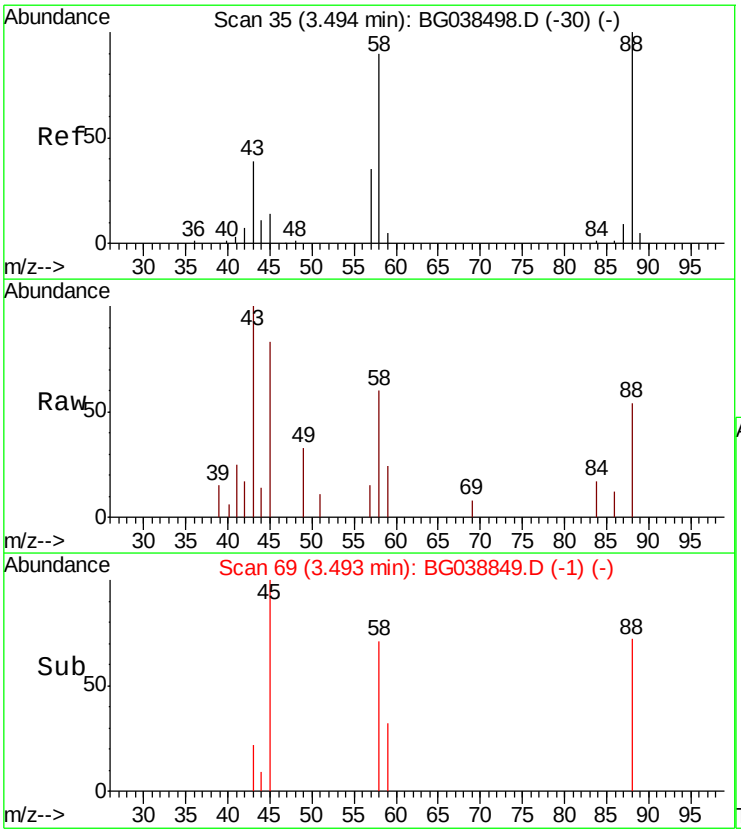

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
COMP-3

Tgt Ion:152 Resp: 22757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 151.3 | 119.5 | 179.3 |
| 115 | 54.6 | 49.6 | 74.4 |

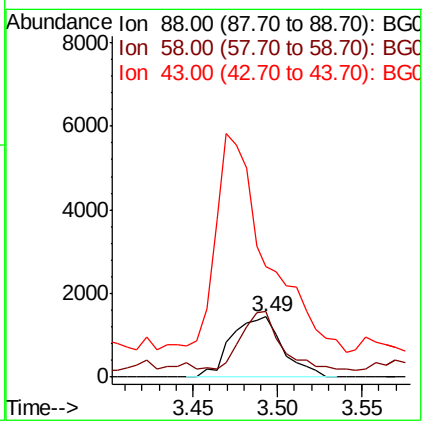


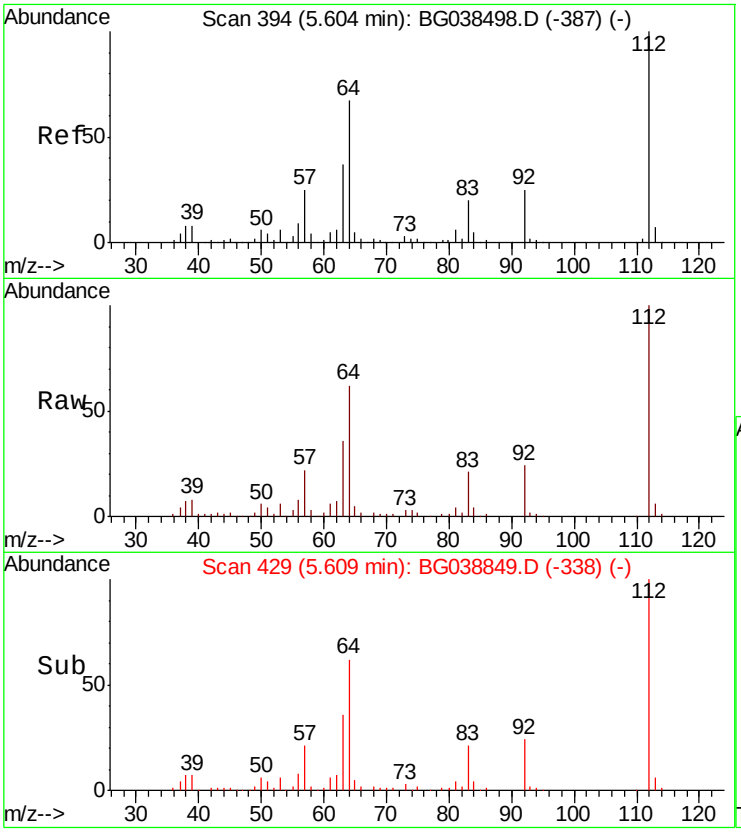




#2
1,4-Dioxane
Concen: 5.103 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.00 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Tgt Ion: 88 Resp: 3047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 89.9 | 75.7 | 113.5 |
| 43 | 0.0 | 31.6 | 47.4# |



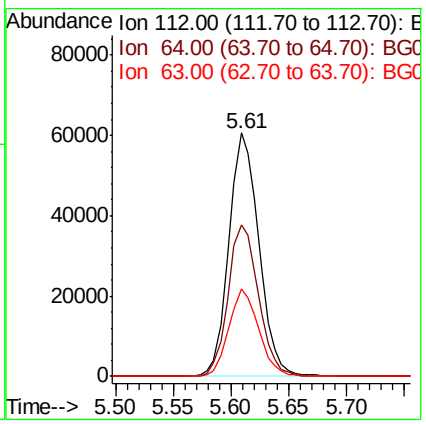


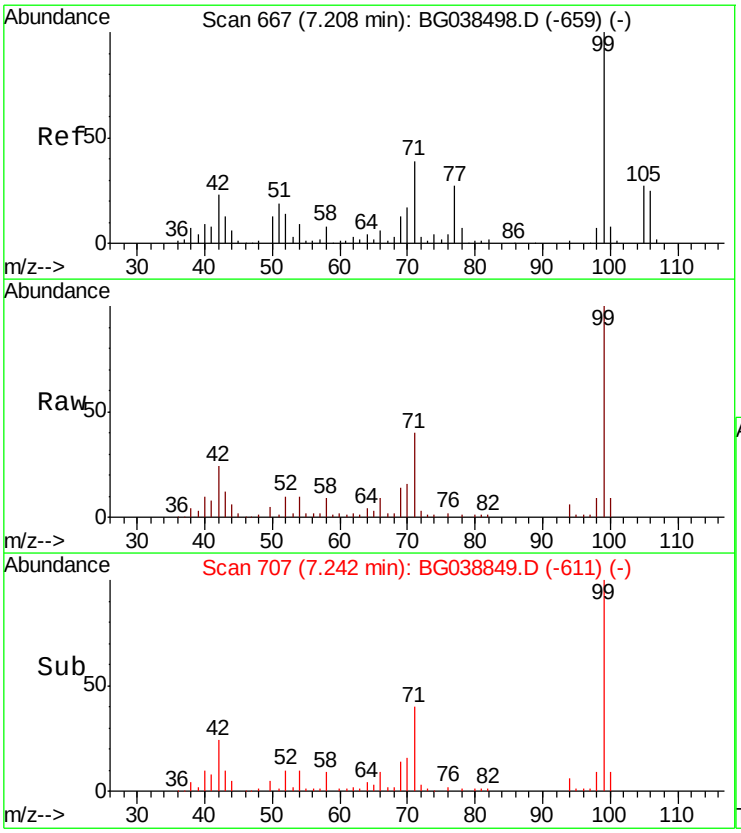

#5
2-Fluorophenol
Concen: 85.144 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
COMP-3

Tgt Ion:112 Resp: 109245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 62.3 | 53.4 | 80.2 |
| 63 | 36.2 | 29.3 | 43.9 |

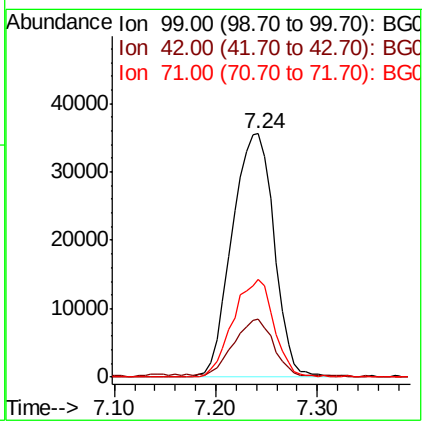


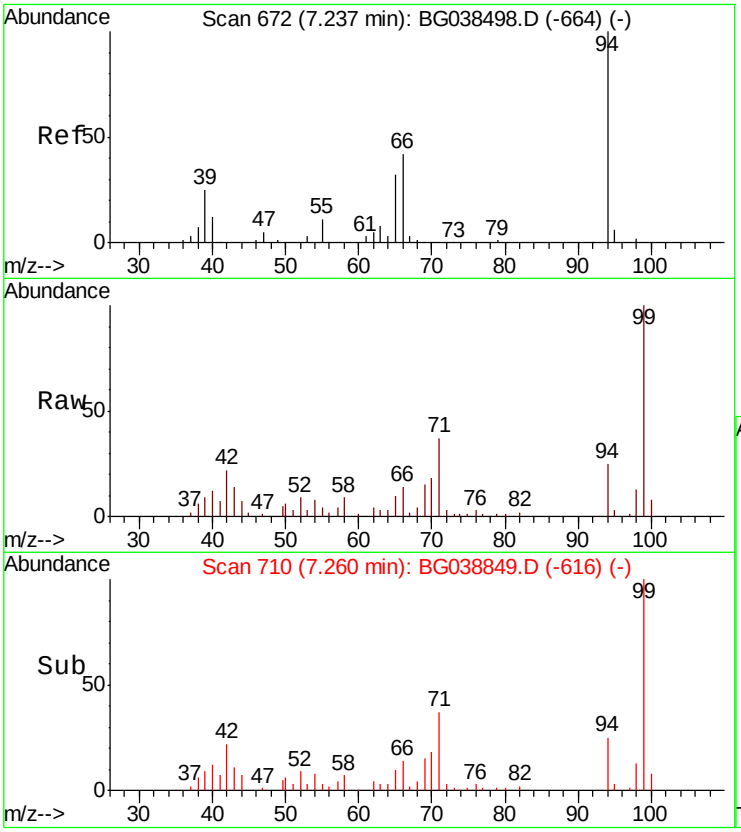




#7
Phenol-d6
Concen: 57.908 ng
RT: 7.24 min Scan# 707
Delta R.T. 0.03 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Tgt Ion: 99 Resp: 101998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.9 | 18.5 | 27.7 |
| 71 | 40.2 | 31.1 | 46.7 |



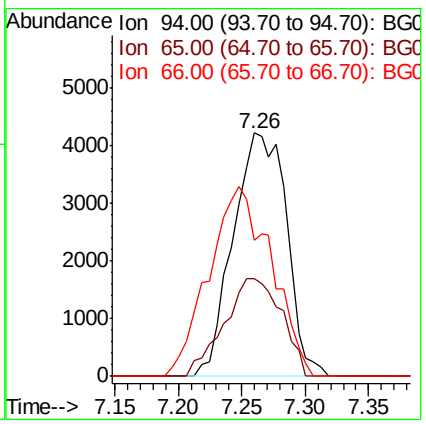


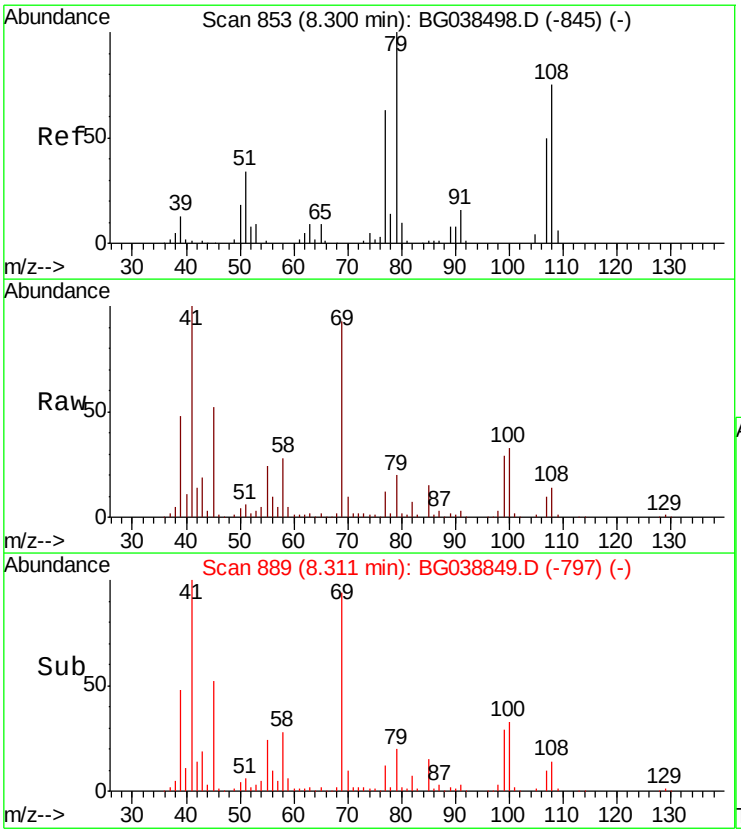

#10
Phenol
Concen: 6.569 ng
RT: 7.26 min Scan# 710
Delta R.T. 0.02 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
COMP-3

Tgt Ion: 94 Resp: 12292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 39.9 | 12.6 | 52.6 |
| 66 | 56.0 | 24.1 | 64.1 |

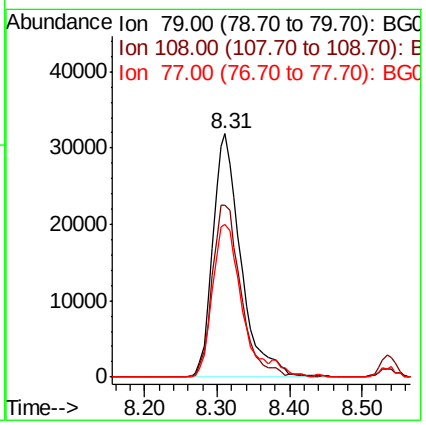


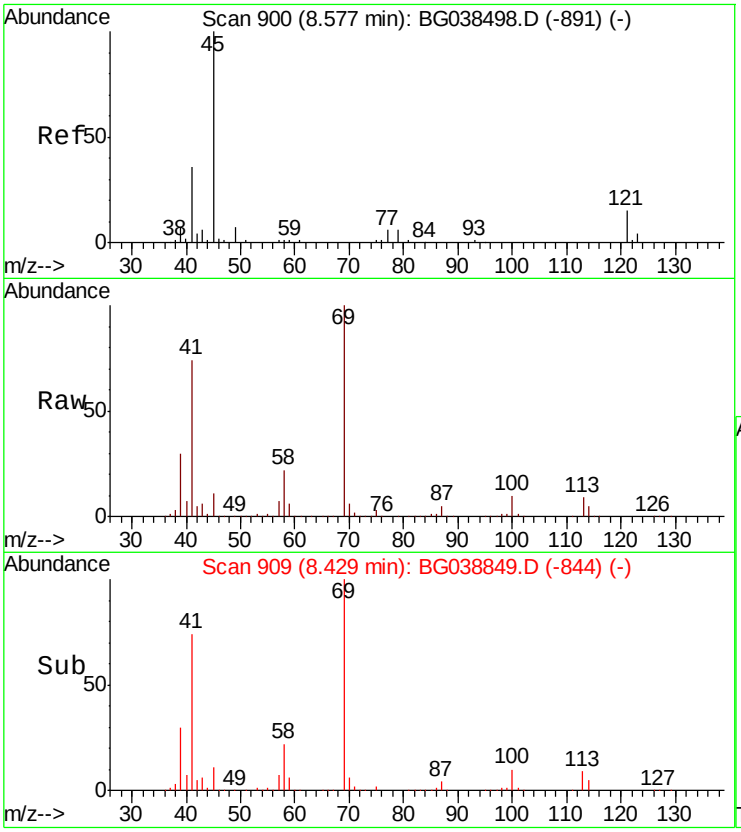




#15
Benzyl Alcohol
Concen: 62.330 ng
RT: 8.31 min Scan# 889
Delta R.T. 0.01 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Tgt Ion: 79 Resp: 85693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 70.5 | 60.2 | 90.4 |
| 77 | 62.6 | 50.7 | 76.1 |



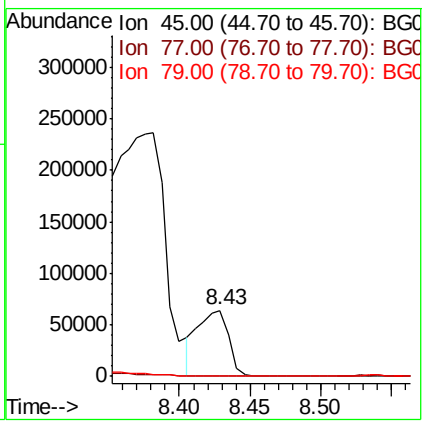


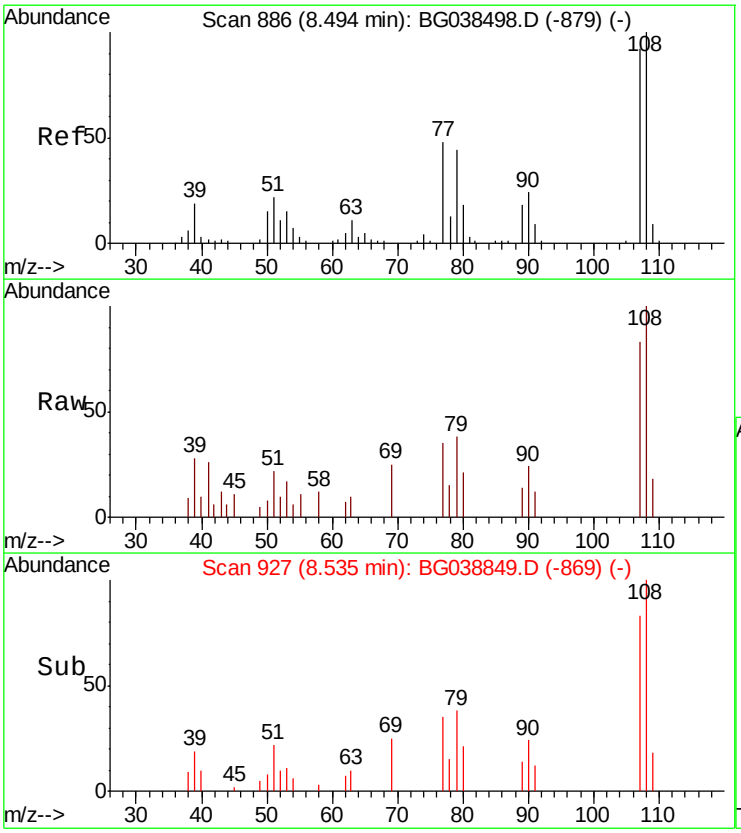

#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.499 ng
RT: 8.43 min Scan# 909
Delta R.T. -0.15 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
COMP-3

Tgt Ion: 45 Resp: 97262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 0.0 | 0.0 | 28.2 |
| 79 | 0.3 | 0.0 | 27.2 |

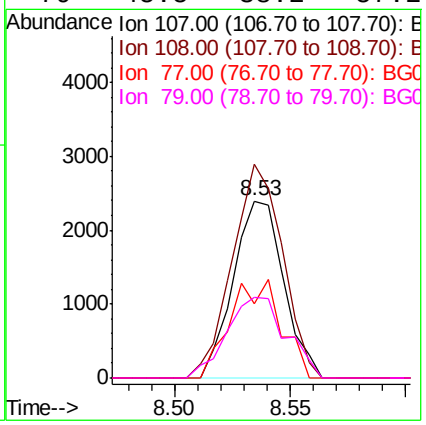


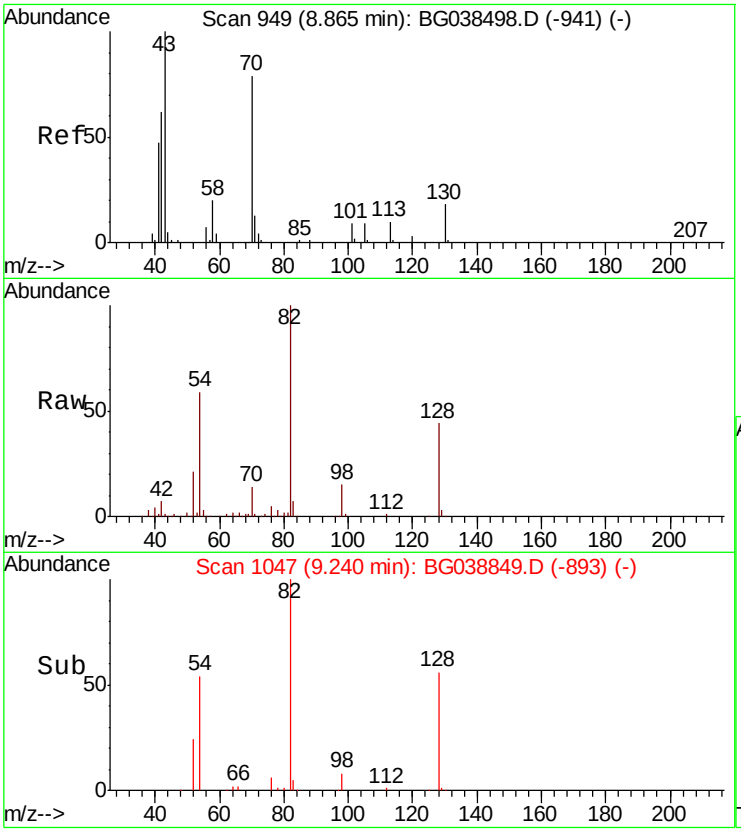




#17
2-Methylphenol
Concen: 2.904 ng
RT: 8.53 min Scan# 927
Delta R.T. 0.04 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Tgt Ion:107 Resp: 3641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 120.5 | 87.1 | 130.7 |
| 77 | 41.9 | 42.0 | 63.0# |
| 79 | 45.5 | 38.2 | 57.2 |



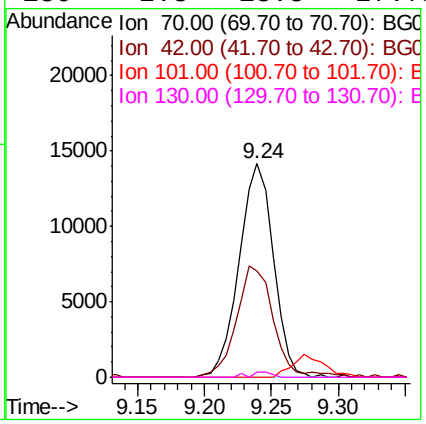


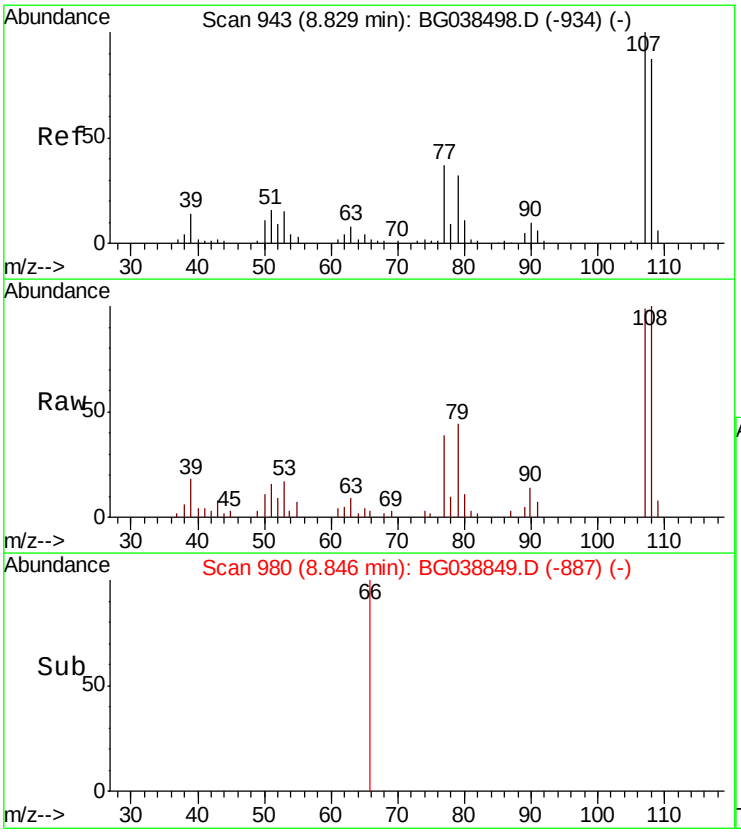

#19
n-Nitroso-di-n-propylamine
Concen: 20.302 ng
RT: 9.24 min Scan# 1047
Delta R.T. 0.38 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
COMP-3

Tgt Ion: 70 Resp: 25116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 49.8 | 63.6 | 95.4# |
| 101 | 0.0 | 9.2 | 13.8# |
| 130 | 2.3 | 18.5 | 27.7# |

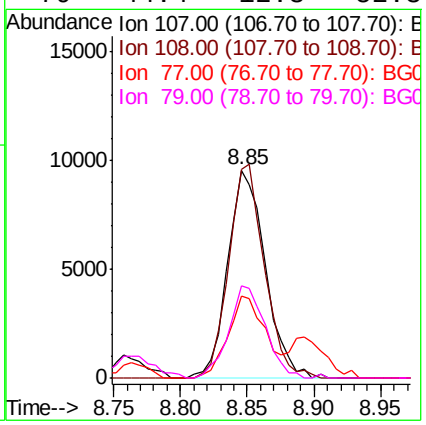


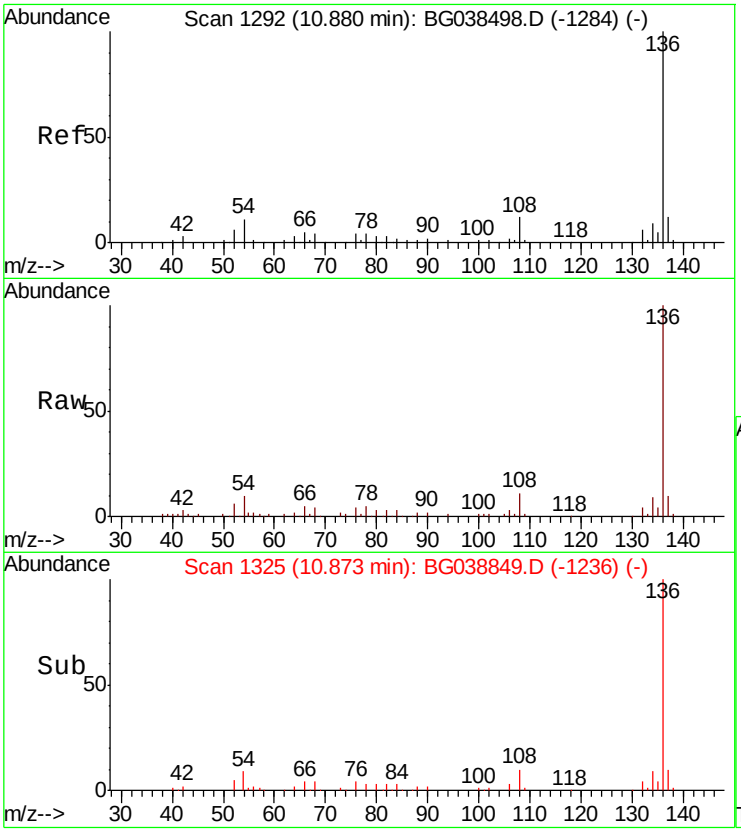




#20
3+4-Methylphenols
Concen: 10.806 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.02 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Tgt Ion:107 Resp: 18710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 100.6 | 66.7 | 106.7 |
| 77 | 39.2 | 17.3 | 57.3 |
| 79 | 44.4 | 12.3 | 52.3 |



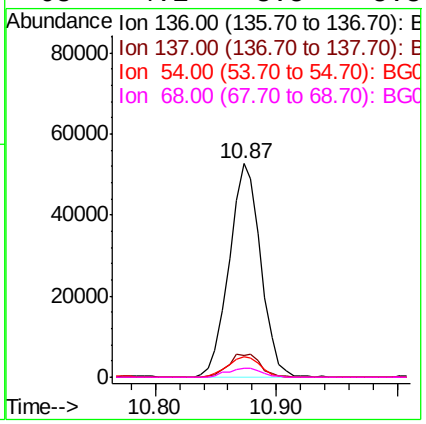


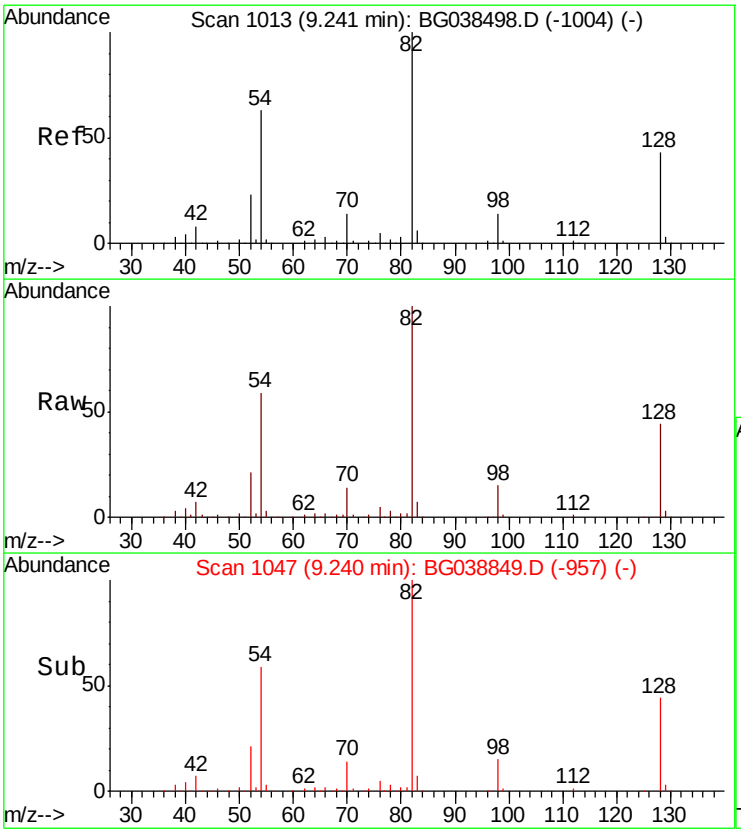

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
COMP-3

Tgt Ion:136 Resp: 95632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.3 | 9.3 | 13.9 |
| 54 | 9.7 | 8.5 | 12.7 |
| 68 | 4.1 | 3.5 | 5.3 |

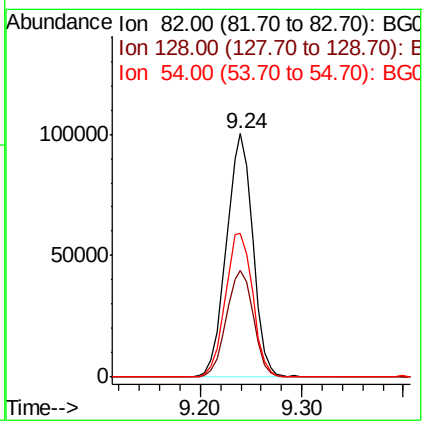


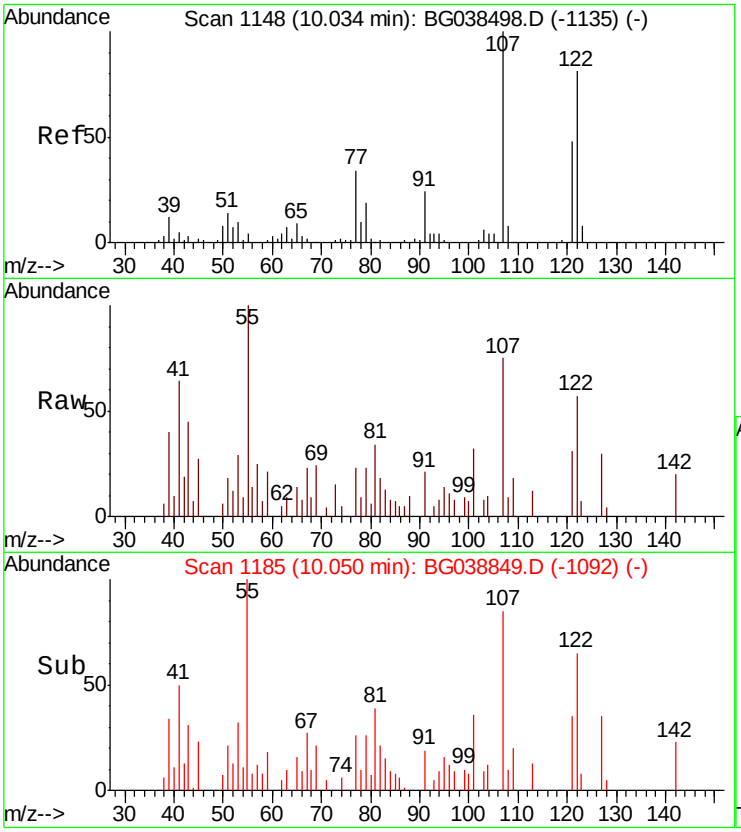




#23
Nitrobenzene-d5
Concen: 96.527 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Tgt Ion: 82 Resp: 180693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.9 | 34.6 | 52.0 |
| 54 | 59.0 | 50.6 | 76.0 |



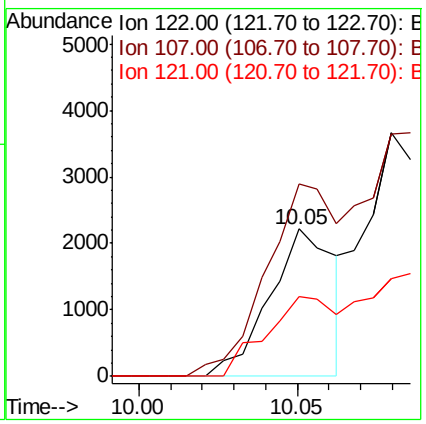


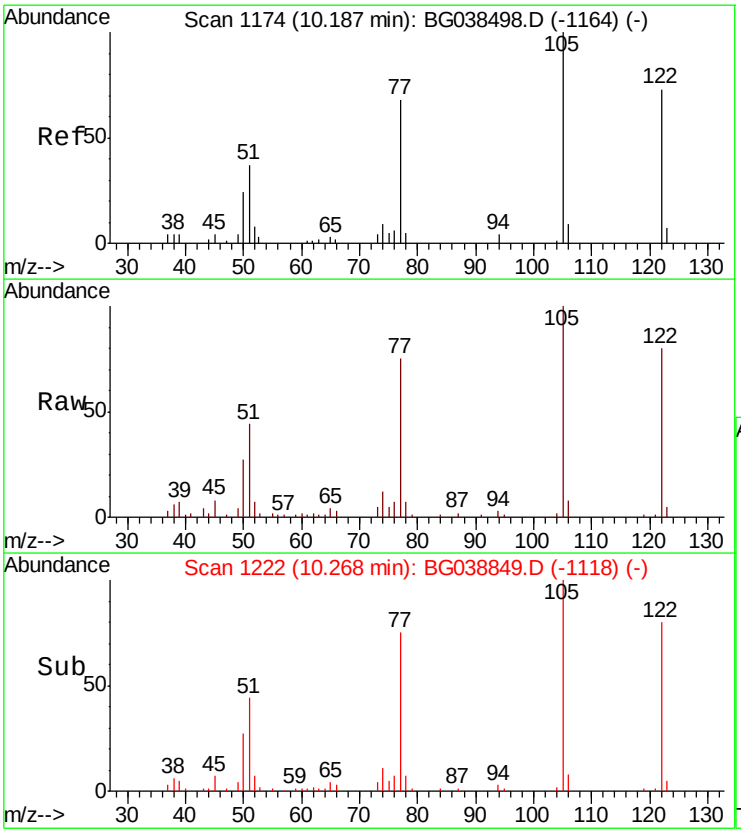

#27
2,4-Dimethylphenol
Concen: 2.281 ng
RT: 10.05 min Scan# 1185
Delta R.T. 0.02 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
COMP-3

Tgt Ion:122 Resp: 3169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 130.6 | 98.4 | 147.6 |
| 121 | 53.9 | 47.2 | 70.8 |

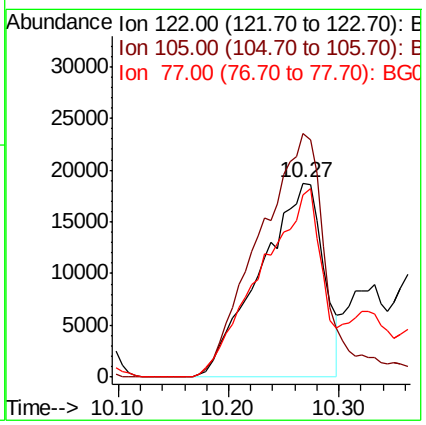


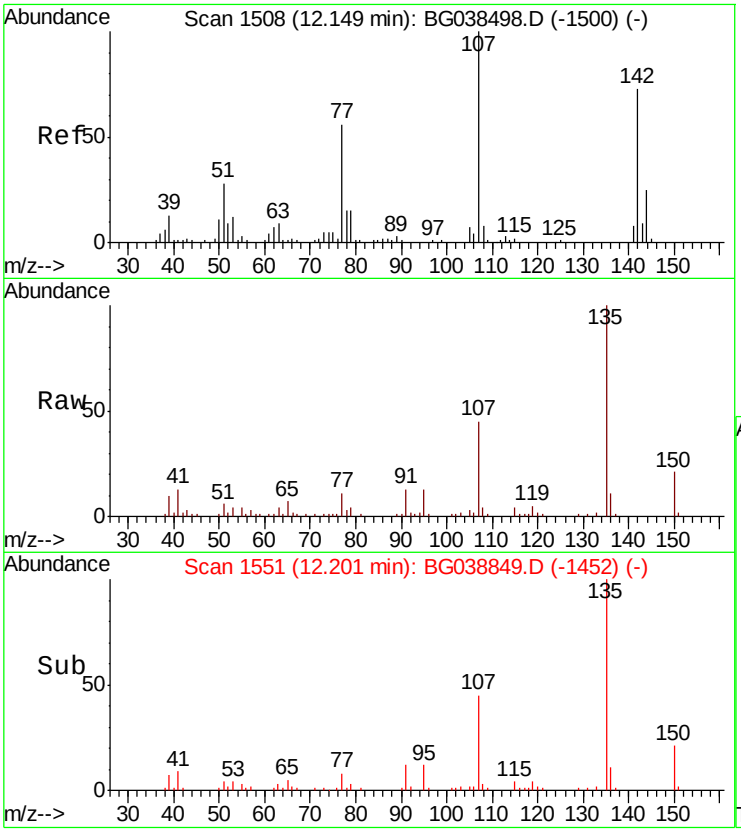




#32
Benzoic acid
Concen: 76.288 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.08 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Tgt Ion:122 Resp: 74015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 125.4 | 116.7 | 156.7 |
| 77 | 93.8 | 72.5 | 112.5 |



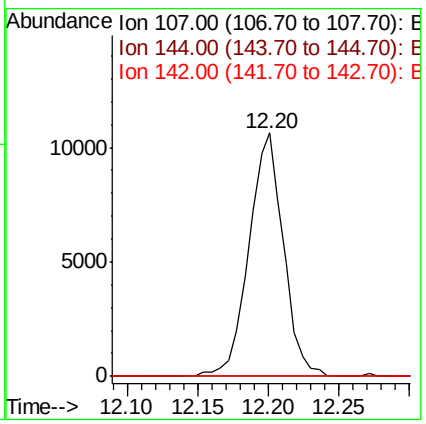


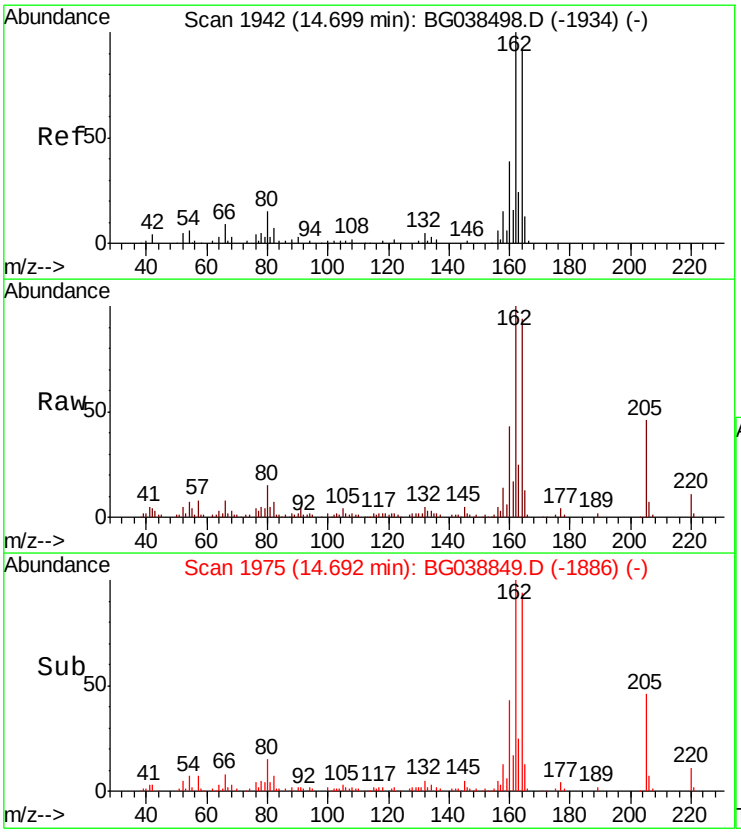

#36
4-Chloro-3-methylphenol
Concen: 10.309 ng
RT: 12.20 min Scan# 1551
Delta R.T. 0.05 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
COMP-3

Tgt Ion:107 Resp: 18179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 0.0 | 20.1 | 30.1# |
| 142 | 0.0 | 58.7 | 88.1# |

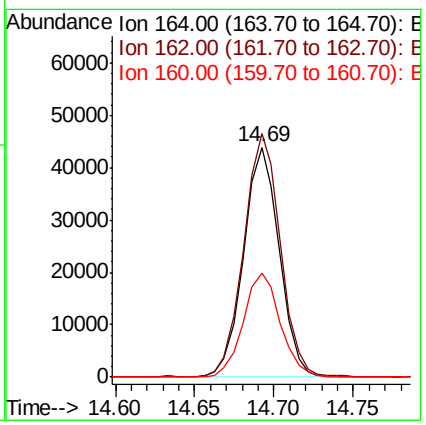


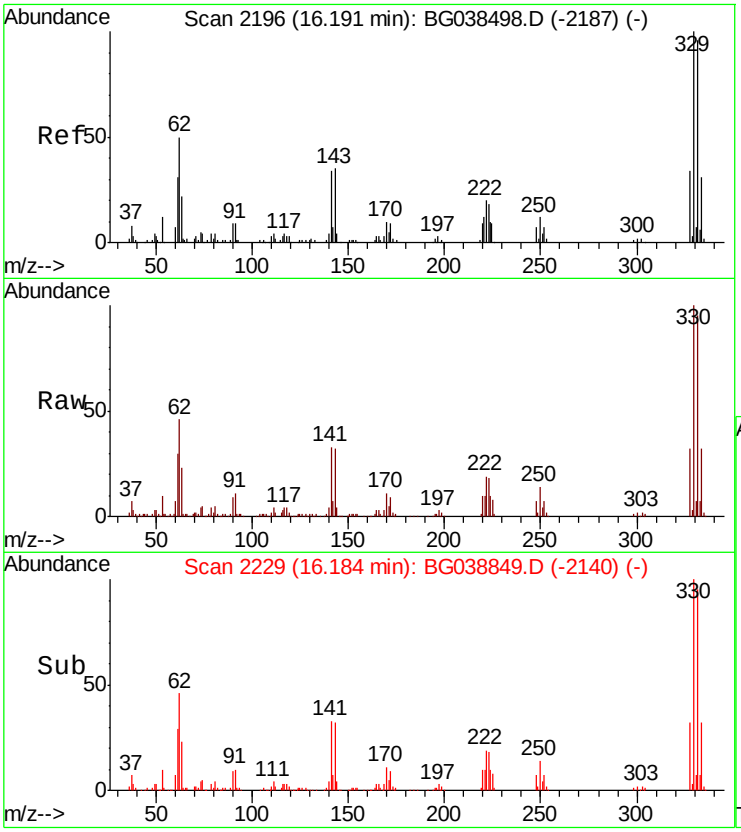




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Tgt Ion:164 Resp: 68396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.9 | 86.6 | 130.0 |
| 160 | 45.2 | 34.2 | 51.2 |



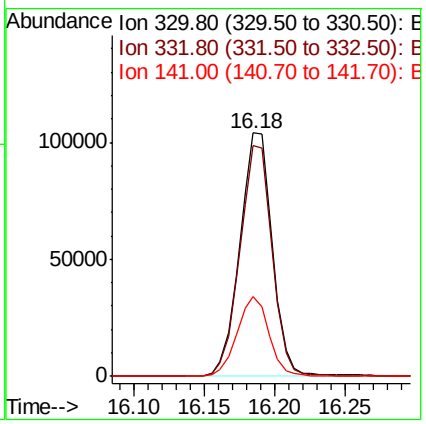


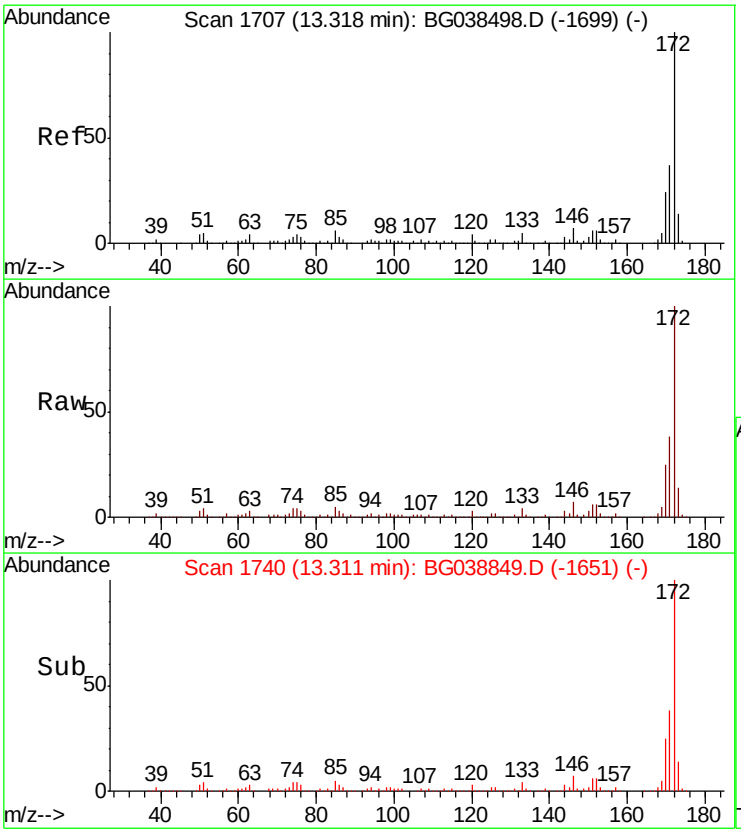

#42
2,4,6-Tribromophenol
Concen: 177.674 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
COMP-3

Tgt Ion:330 Resp: 167479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.8 | 76.9 | 115.3 |
| 141 | 32.4 | 28.8 | 43.2 |

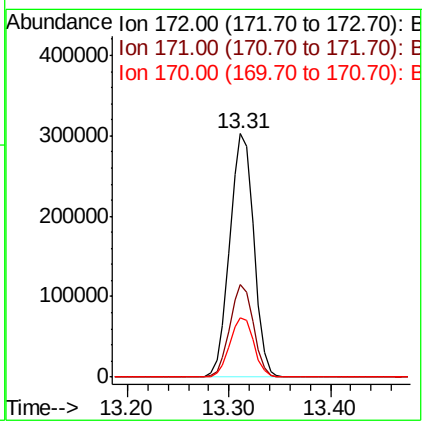


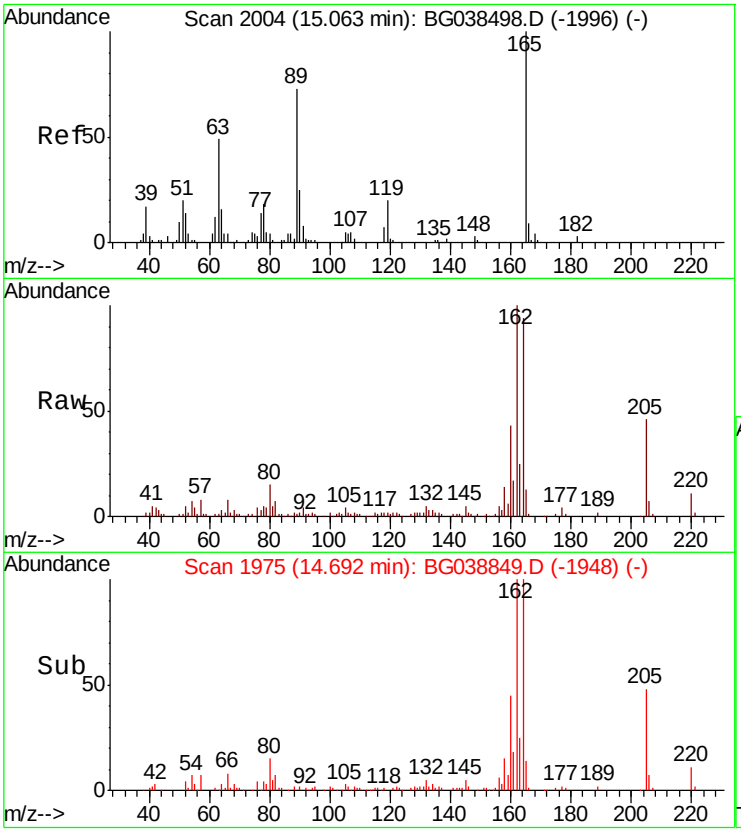




#45
2-Fluorobiphenyl
Concen: 99.686 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Tgt Ion:172 Resp: 497001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 38.2 | 29.8 | 44.6 |
| 170 | 24.5 | 19.5 | 29.3 |



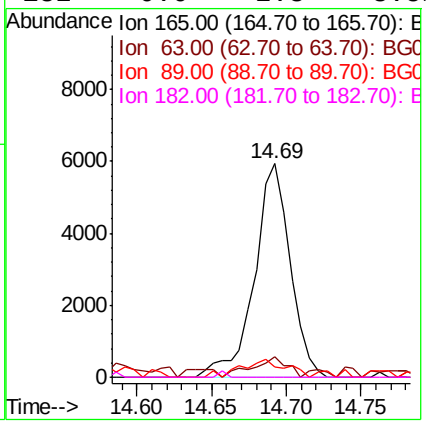


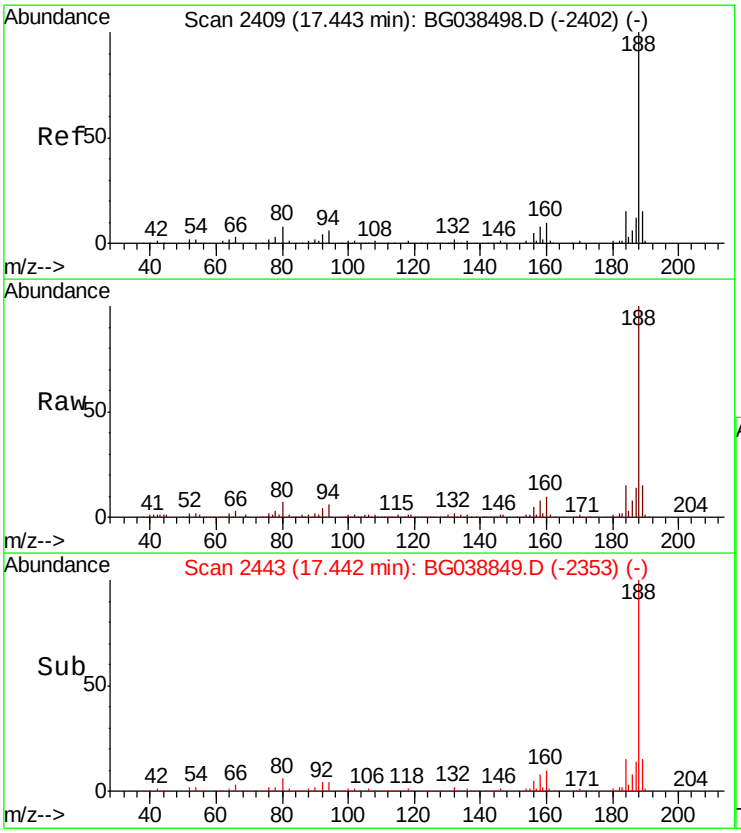

#57
2,4-Dinitrotoluene
Concen: 5.497 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.37 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
COMP-3

Tgt Ion:165 Resp: 9800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 9.7 | 39.0 | 58.4# |
| 89 | 4.8 | 58.0 | 87.0# |
| 182 | 0.0 | 2.3 | 3.5# |

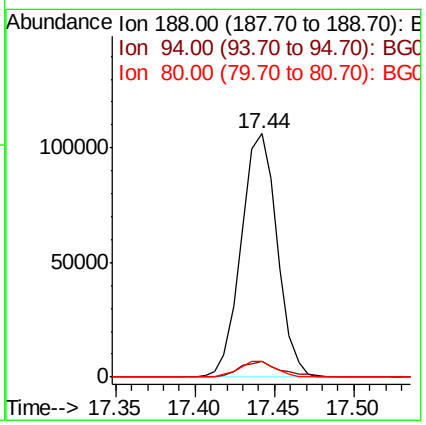


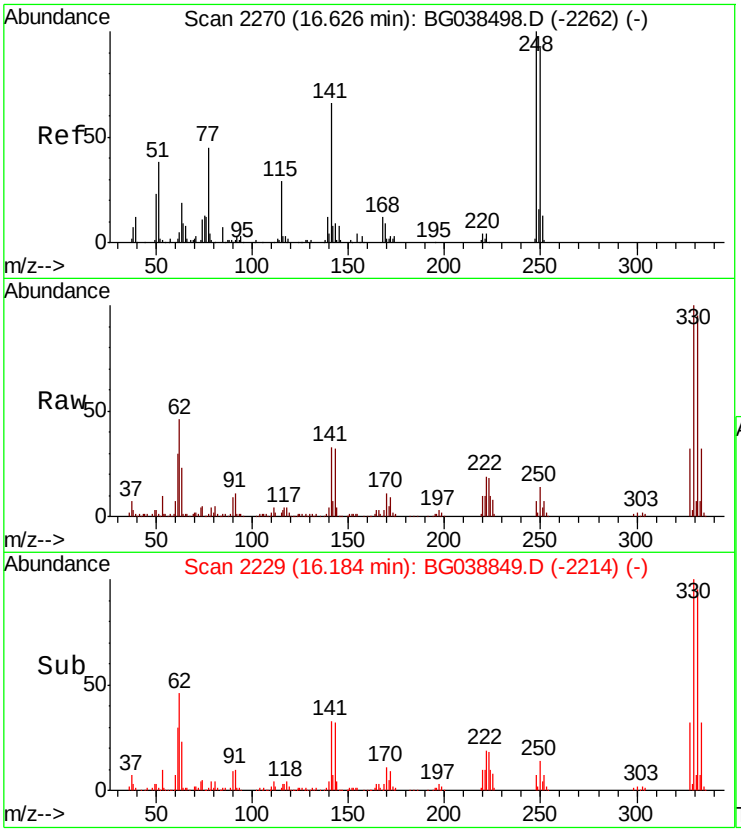




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Tgt Ion:188 Resp: 167637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.4 | 5.1 | 7.7 |
| 80 | 6.7 | 6.1 | 9.1 |



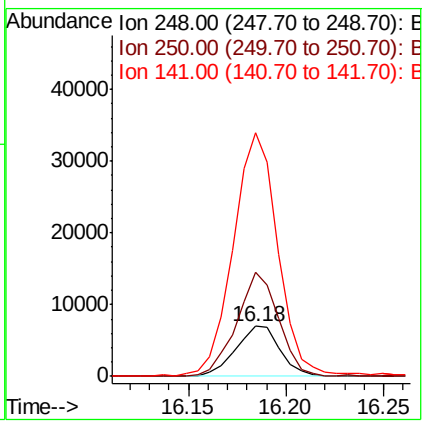


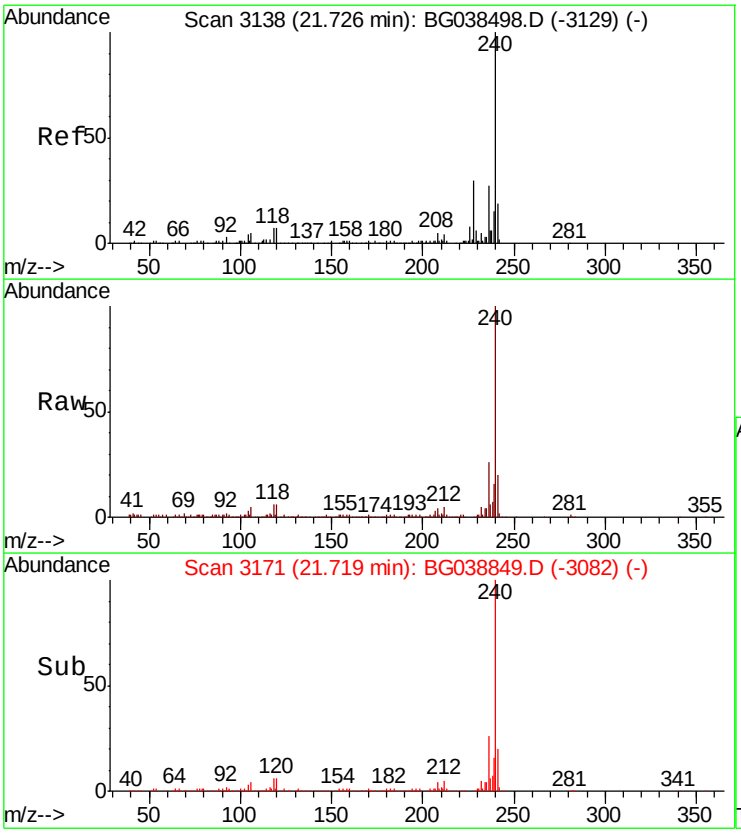

#67
4-Bromophenyl-phenylether
Concen: 5.297 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
COMP-3

Tgt Ion:248 Resp: 10845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 203.8 | 73.4 | 110.2# |
| 141 | 373.3 | 52.9 | 79.3# |

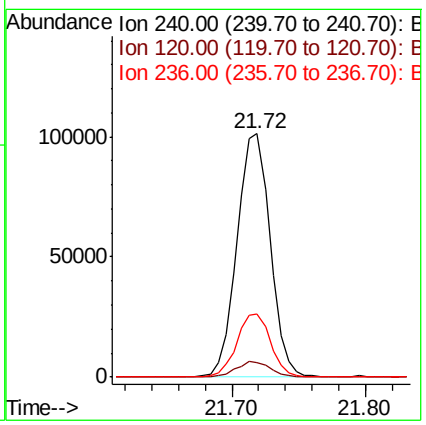


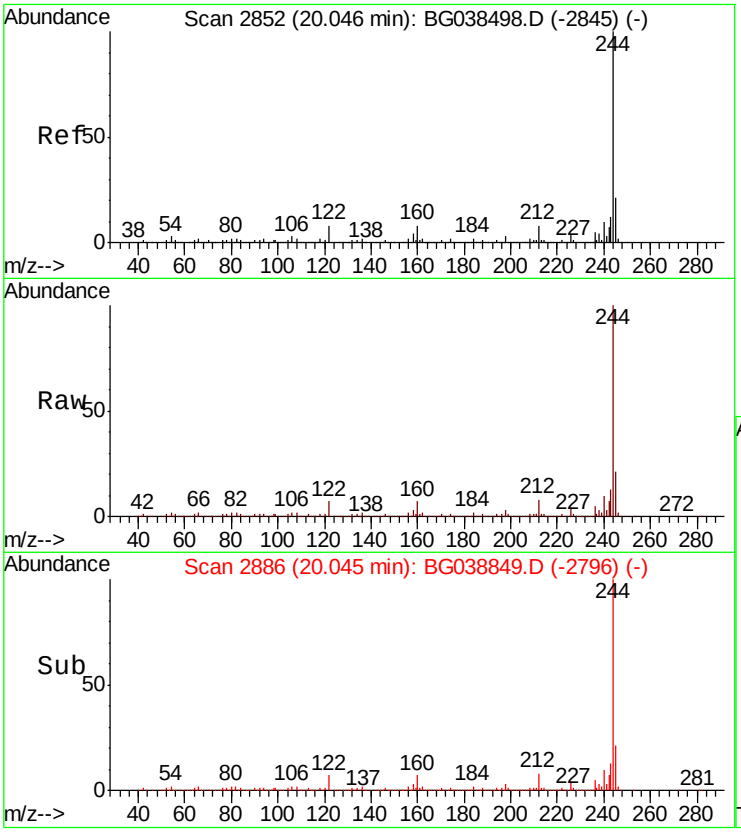




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Tgt Ion:240 Resp: 174308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.8 | 5.3 | 7.9 |
| 236 | 26.1 | 21.4 | 32.2 |



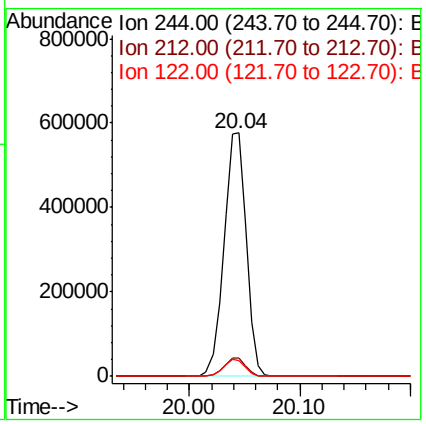


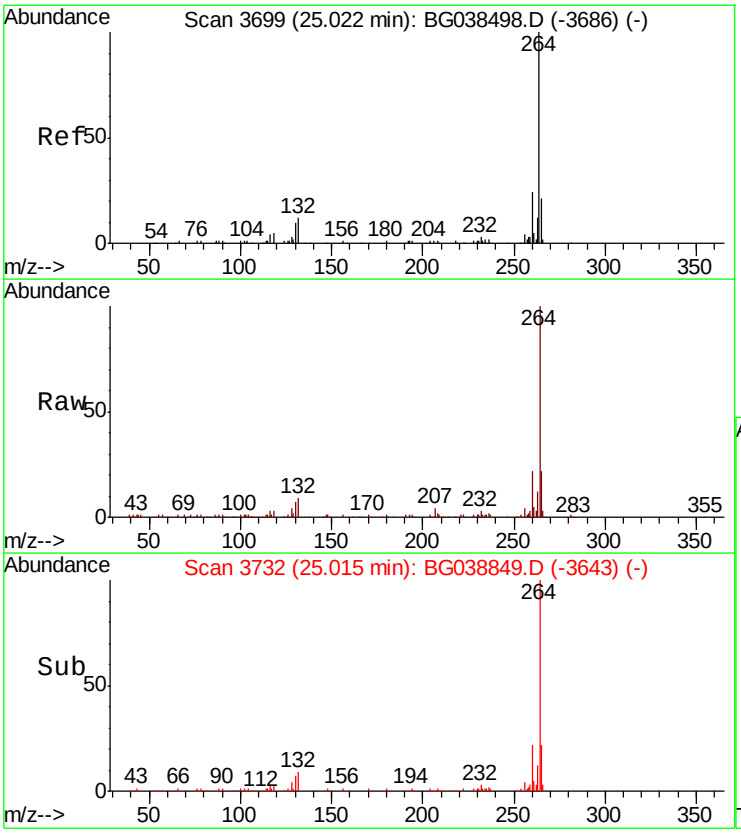

#79
Terphenyl-d14
Concen: 101.413 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
COMP-3

Tgt Ion:244 Resp: 812245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.5 | 6.2 | 9.2 |
| 122 | 6.5 | 6.3 | 9.5 |




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Tgt Ion:264 Resp: 188470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.3 | 18.9 | 28.3 |
| 265 | 21.6 | 17.0 | 25.4 |