Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG012418\
Data File : BG032259.D
Acq On : 24 Jan 2018 14:01
Operator : SJ/JU
Sample : J1266-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** MH-198

Quant Time: Jan 24 16:13:22 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.72 | 152 | 37026 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 11.61 | 136 | 146095 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 15.36 | 164 | 101527 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 18.09 | 188 | 291608 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 22.42 | 240 | 392930 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 26.11 | 264 | 408137 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 6.16 | 112 | 281460 | 139.03 | ng | 0.00 |
| 7) Phenol-d6 | 7.84 | 99 | 346523 | 135.91 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.92 | 82 | 213582 | 98.91 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.83 | 330 | 265078 | 157.78 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 13.99 | 172 | 631471 | 77.12 | ng | 0.00 |
| 78) Terphenyl-d14 | 20.63 | 244 | 1397642 | 78.54 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 10) Phenol | 7.86 | 94 | 9037 | 3.598 | ng | # 79 |
| 15) Benzyl Alcohol | 9.06 | 79 | 4141 | 2.236 | ng | # 46 |
| 19) n-Nitroso-di-n-propylamine | 9.93 | 70 | 29034 | 18.353 | ng | # 76 |
| 49) Dimethylphthalate | 14.78 | 163 | 107872 | 12.142 | ng | 98 |
| 56) 2,4-Dinitrotoluene | 15.36 | 165 | 12885 | 5.190 | ng | # 16 |
| 64) 4,6-Dinitro-2-methylphenol | 16.46 | 198 | 56 | 4.911 | ng | # 29 |
| 66) 4-Bromophenyl-phenylether | 16.83 | 248 | 21944 | 5.289 | ng | # 1 |

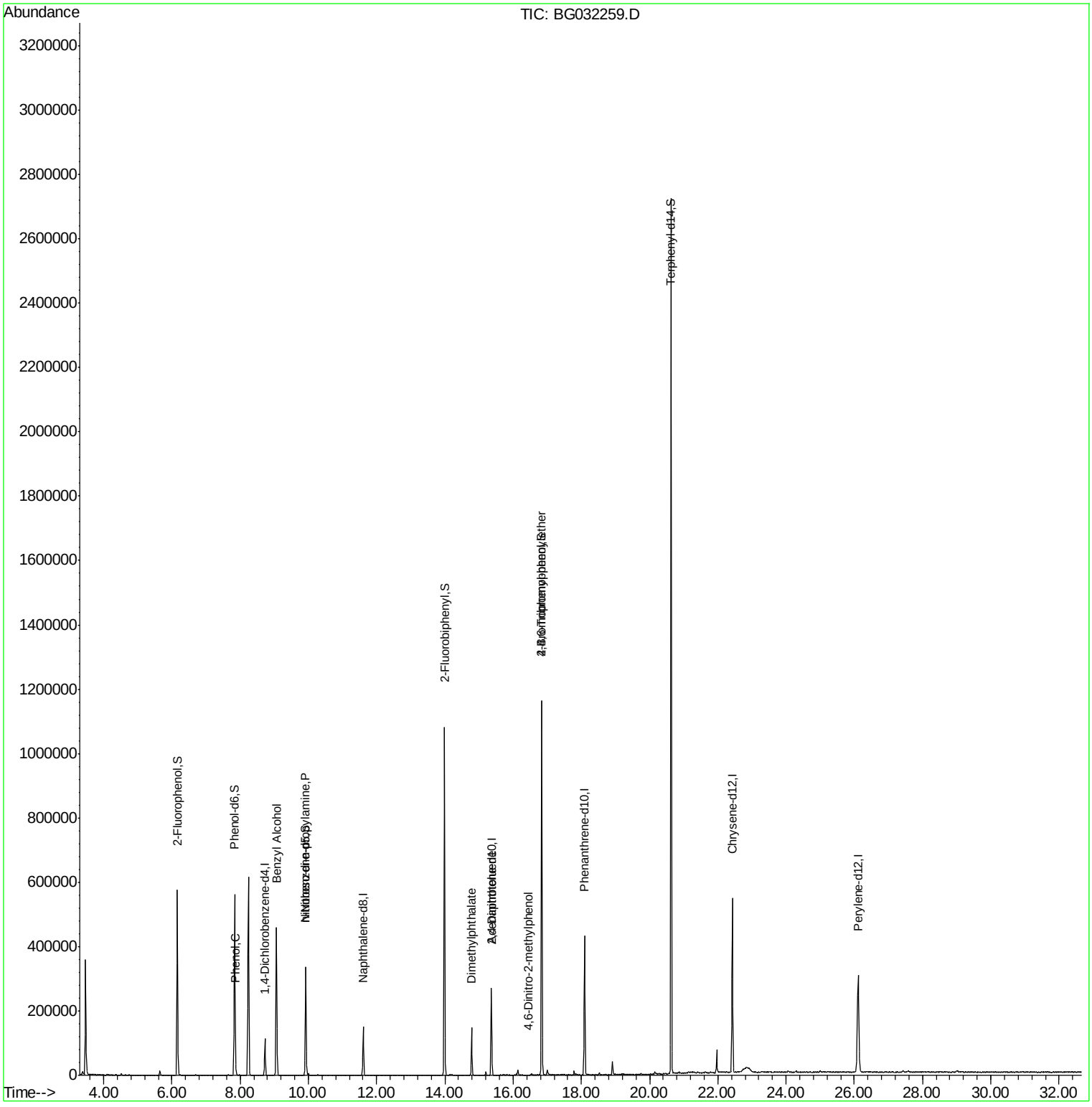
(#) = qualifier out of range (m) = manual integration (+) = signals summed

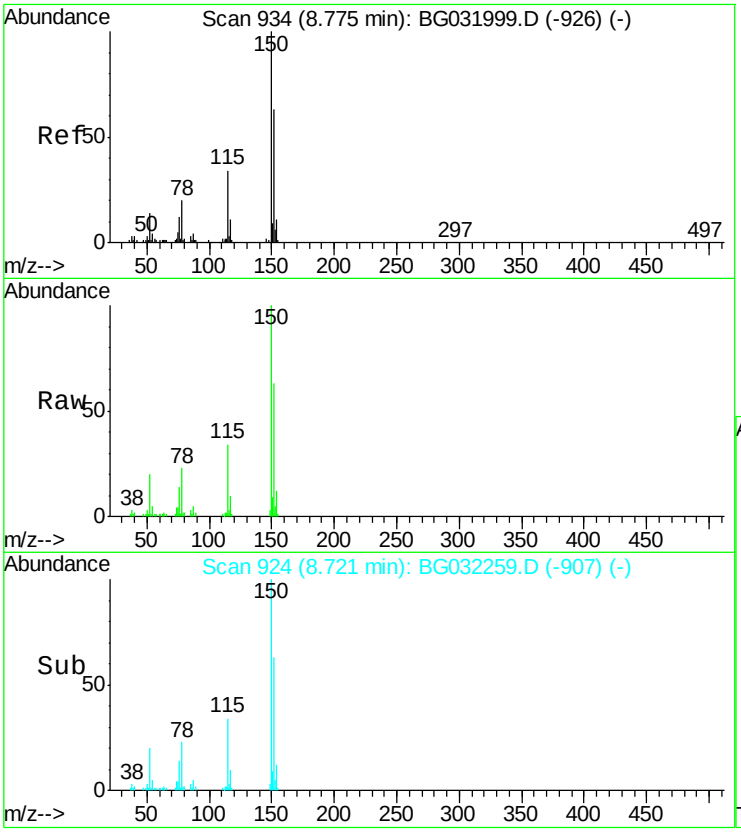
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG012418\
Data File : BG032259.D
Acq On : 24 Jan 2018 14:01
Operator : SJ/JU
Sample : J1266-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
MH-198

Quant Time: Jan 24 16:13:22 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration



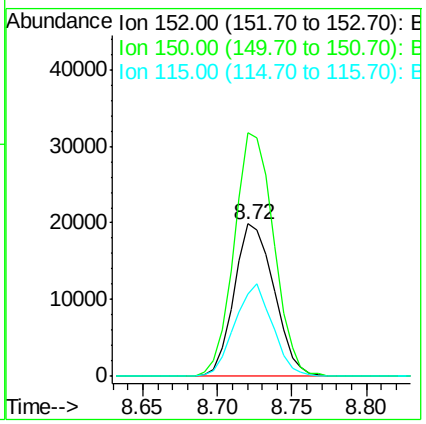


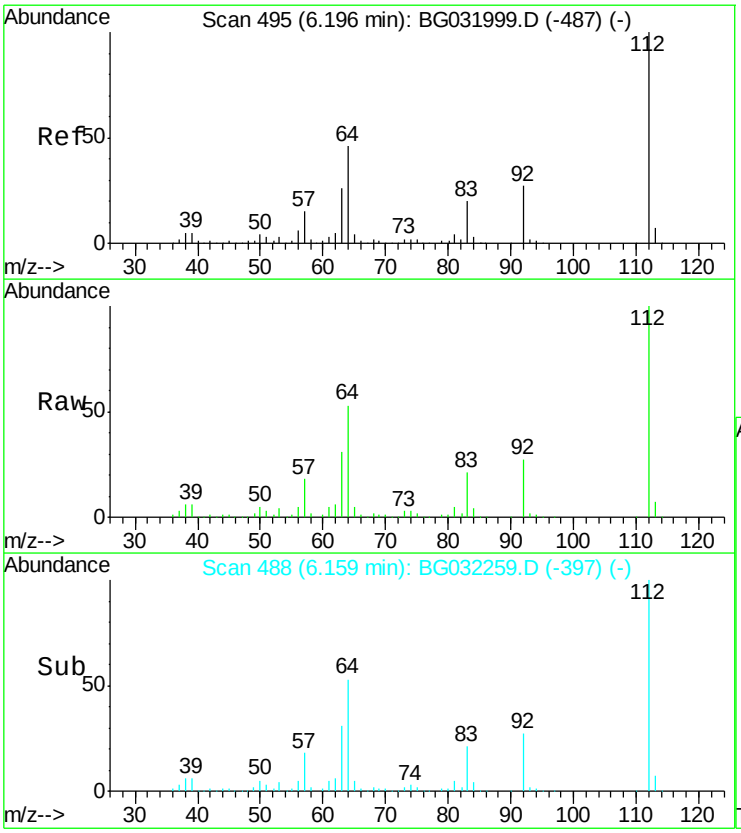

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG032259.D
Acq: 24 Jan 2018 14:01

**Instrument :**
BNA_G
**ClientSampleId :**
MH-198

Tgt Ion:152 Resp: 37026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.7 | 126.6 | 189.8 |
| 115 | 54.4 | 53.0 | 79.4 |

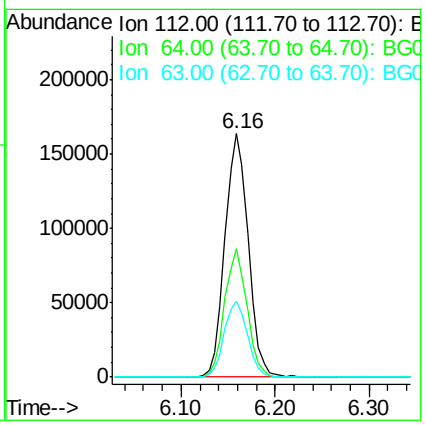


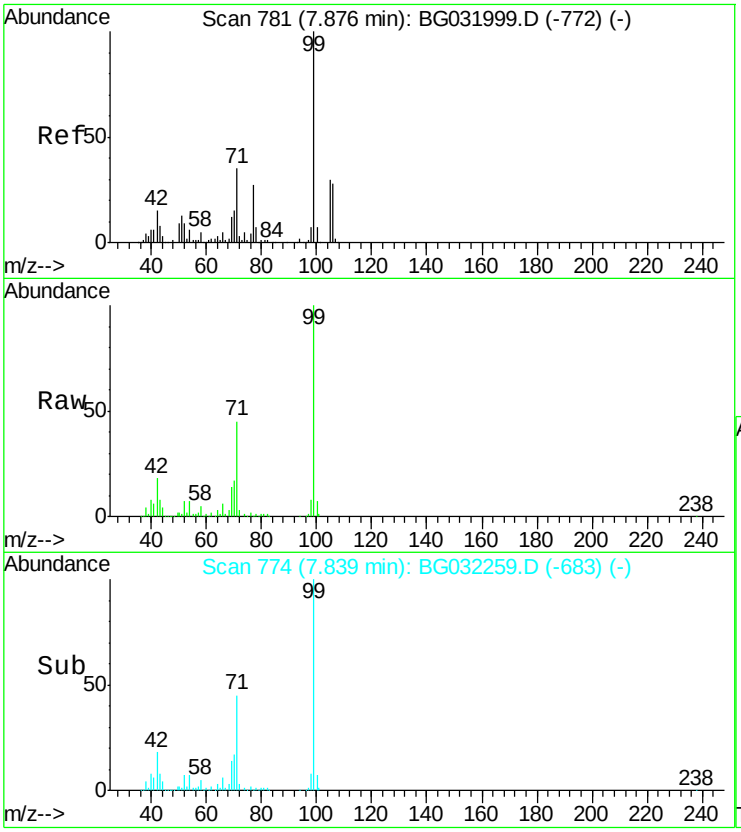




#5
2-Fluorophenol
Concen: 139.030 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032259.D
Acq: 24 Jan 2018 14:01

Tgt Ion:112 Resp: 281460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 52.9 | 56.3 | 84.5# |
| 63 | 31.0 | 30.1 | 45.1 |



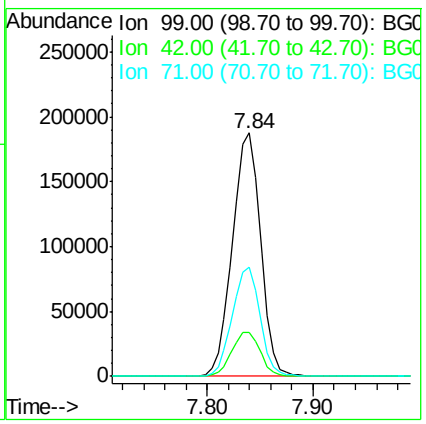


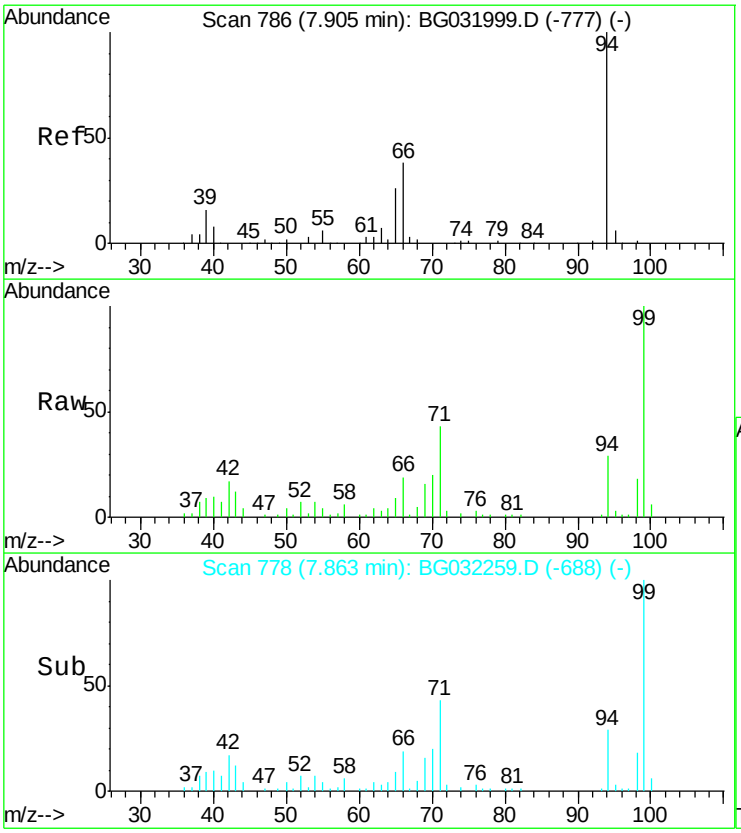

#7
Phenol-d6
Concen: 135.908 ng
RT: 7.84 min Scan# 774
Delta R.T. 0.00 min
Lab File: BG032259.D
Acq: 24 Jan 2018 14:01

**Instrument :**
BNA_G
**ClientSampleId :**
MH-198

Tgt Ion: 99 Resp: 346523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.2 | 14.1 | 21.1 |
| 71 | 44.7 | 26.1 | 39.1# |

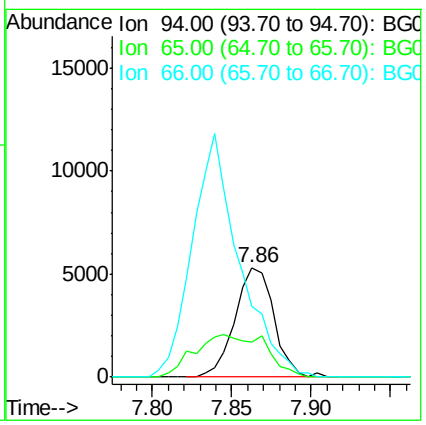


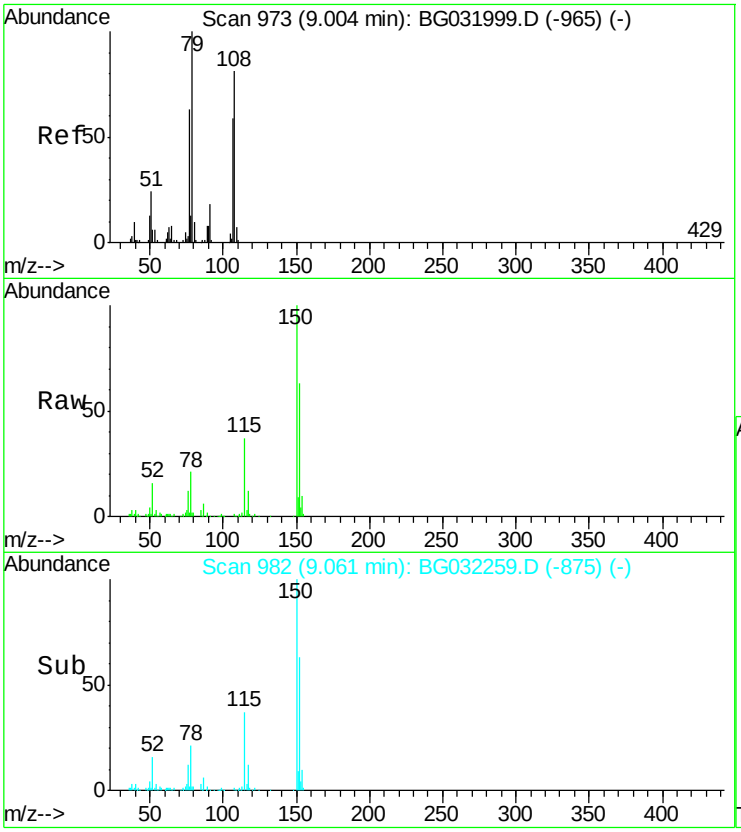




#10
Phenol
Concen: 3.598 ng
RT: 7.86 min Scan# 778
Delta R.T. -0.00 min
Lab File: BG032259.D
Acq: 24 Jan 2018 14:01

Tgt Ion: 94 Resp: 9037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 32.3 | 11.9 | 51.9 |
| 66 | 65.2 | 22.2 | 62.2# |



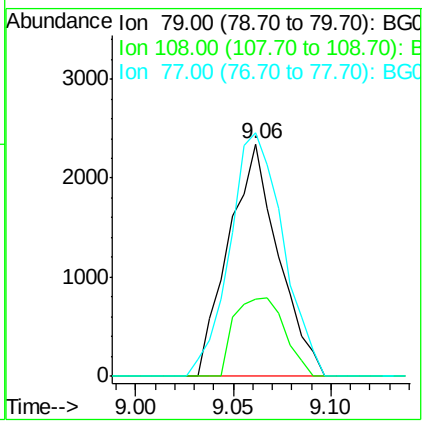


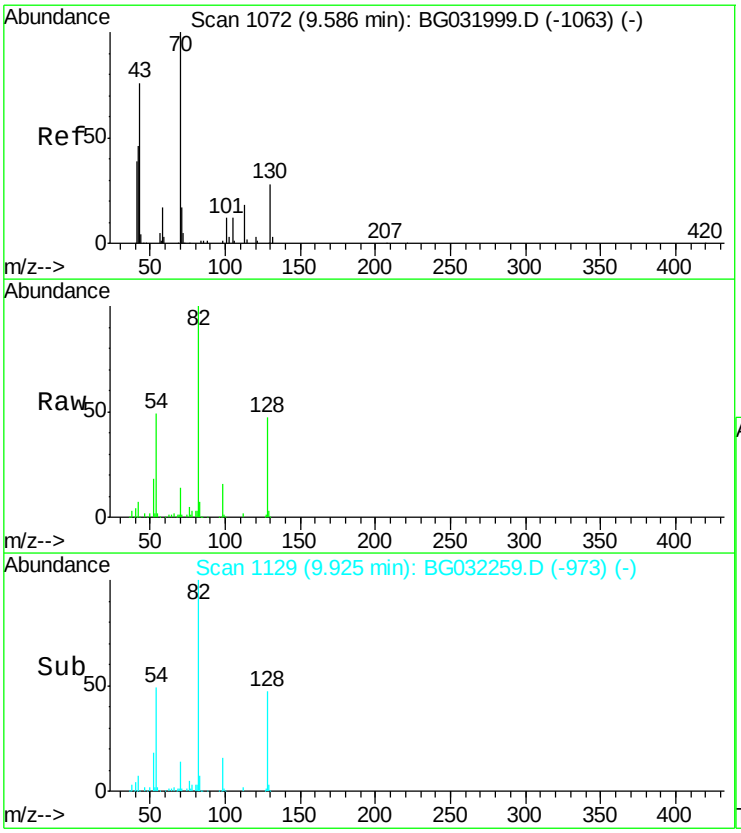

#15
Benzyl Alcohol
Concen: 2.236 ng
RT: 9.06 min Scan# 982
Delta R.T. 0.10 min
Lab File: BG032259.D
Acq: 24 Jan 2018 14:01

**Instrument :**
BNA_G
**ClientSampleId :**
MH-198

Tgt Ion: 79 Resp: 4141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 33.2 | 57.2 | 85.8# |
| 77 | 104.6 | 46.1 | 69.1# |

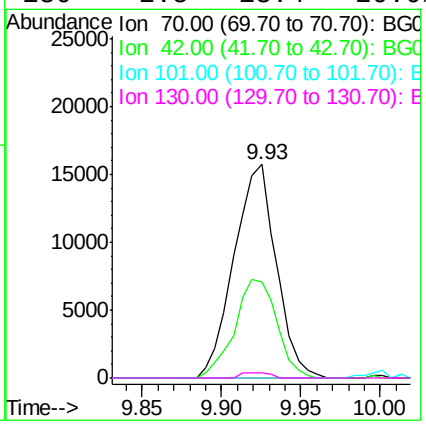


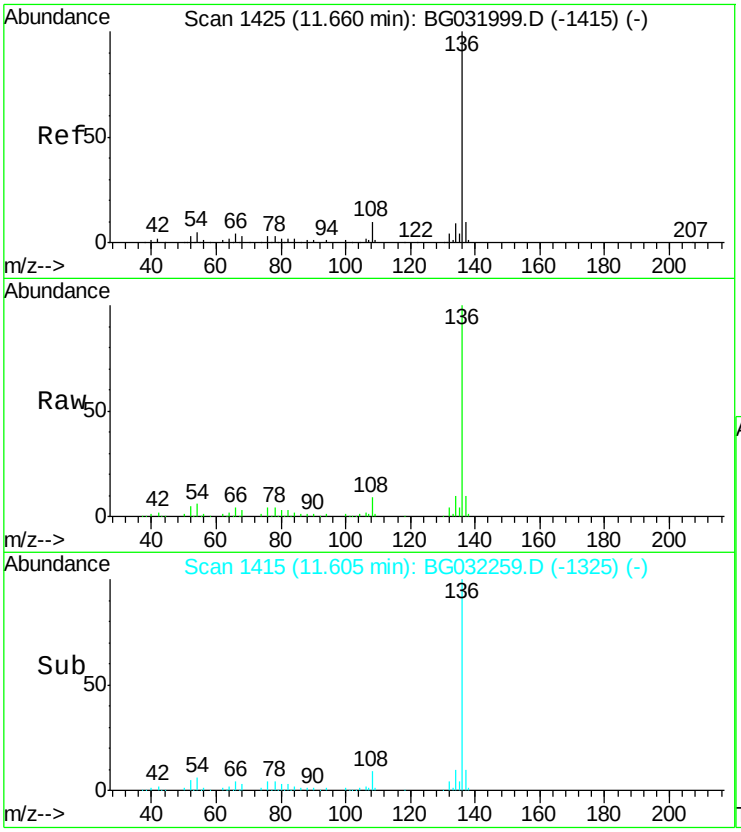




#19
n-Nitroso-di-n-propylamine
Concen: 18.353 ng
RT: 9.93 min Scan# 1129
Delta R.T. 0.39 min
Lab File: BG032259.D
Acq: 24 Jan 2018 14:01

Tgt Ion: 70 Resp: 29034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 45.1 | 49.1 | 73.7# |
| 101 | 0.0 | 8.5 | 12.7# |
| 130 | 2.5 | 13.4 | 20.0# |



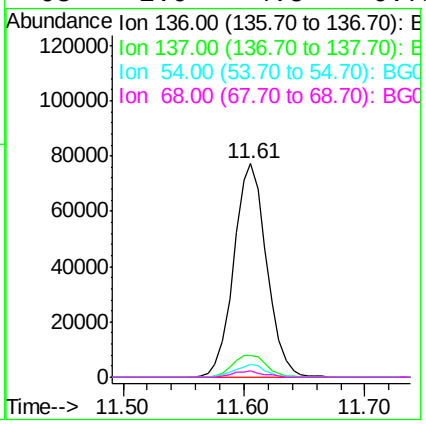


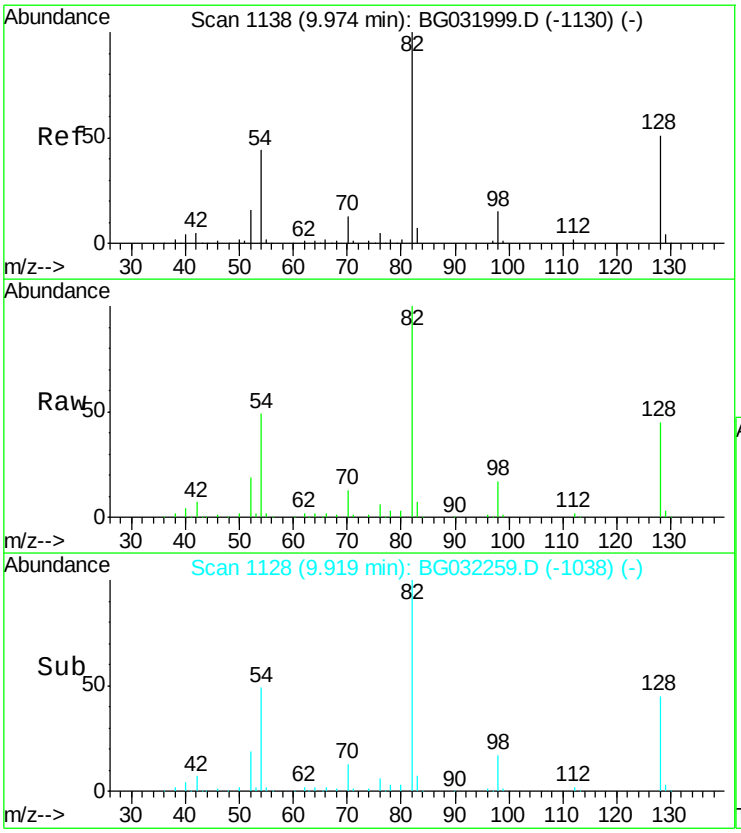

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.61 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BG032259.D
Acq: 24 Jan 2018 14:01

**Instrument :**
BNA_G
**ClientSampleId :**
MH-198

Tgt Ion:136 Resp: 146095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.1 | 9.2 | 13.8 |
| 54 | 5.8 | 10.3 | 15.5# |
| 68 | 2.9 | 4.5 | 6.7# |

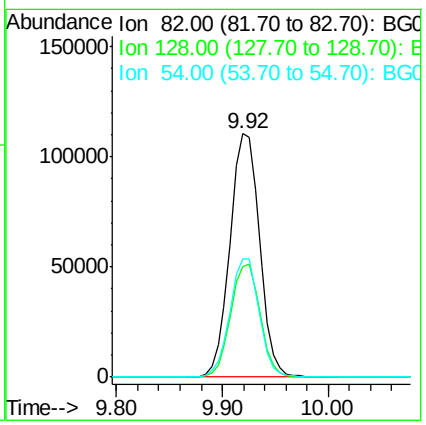


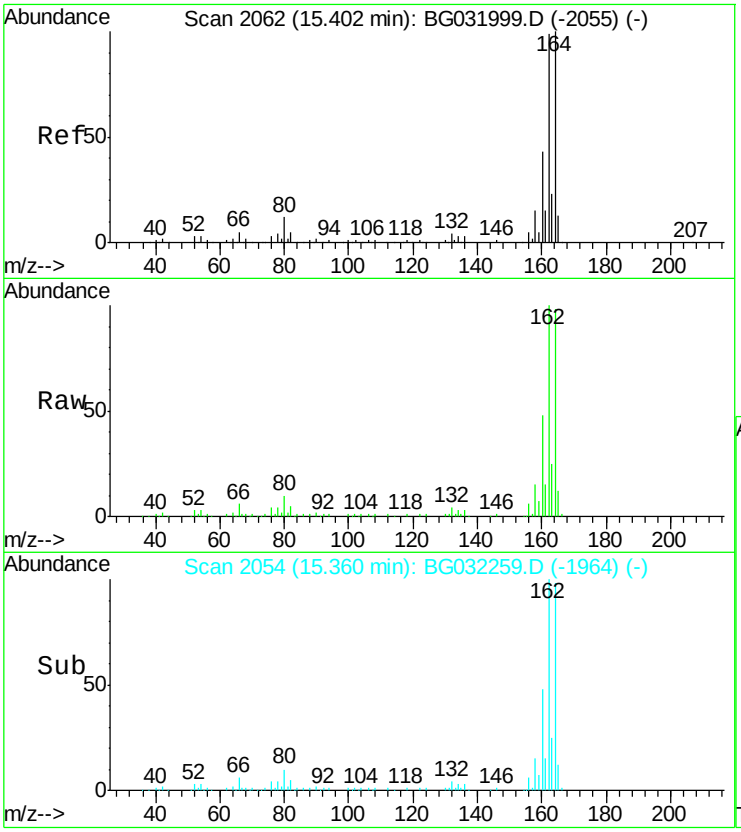




#23
Nitrobenzene-d5
Concen: 98.906 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BG032259.D
Acq: 24 Jan 2018 14:01

Tgt Ion: 82 Resp: 213582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.3 | 29.7 | 44.5# |
| 54 | 48.7 | 43.1 | 64.7 |



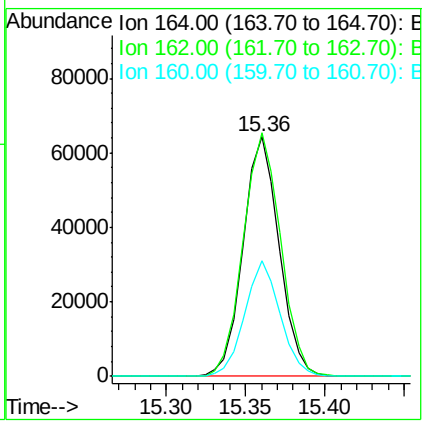


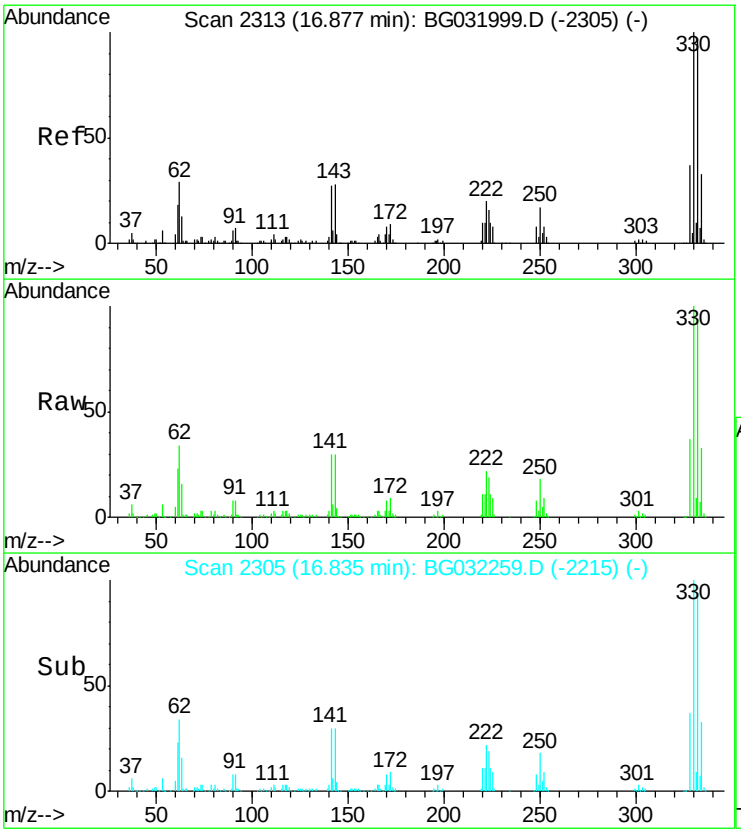

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG032259.D
Acq: 24 Jan 2018 14:01

**Instrument :**
BNA_G
**ClientSampleId :**
MH-198

Tgt Ion:164 Resp: 101527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.6 | 78.8 | 118.2 |
| 160 | 48.3 | 35.4 | 53.0 |

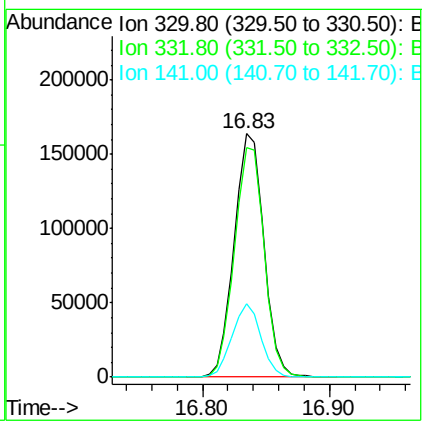


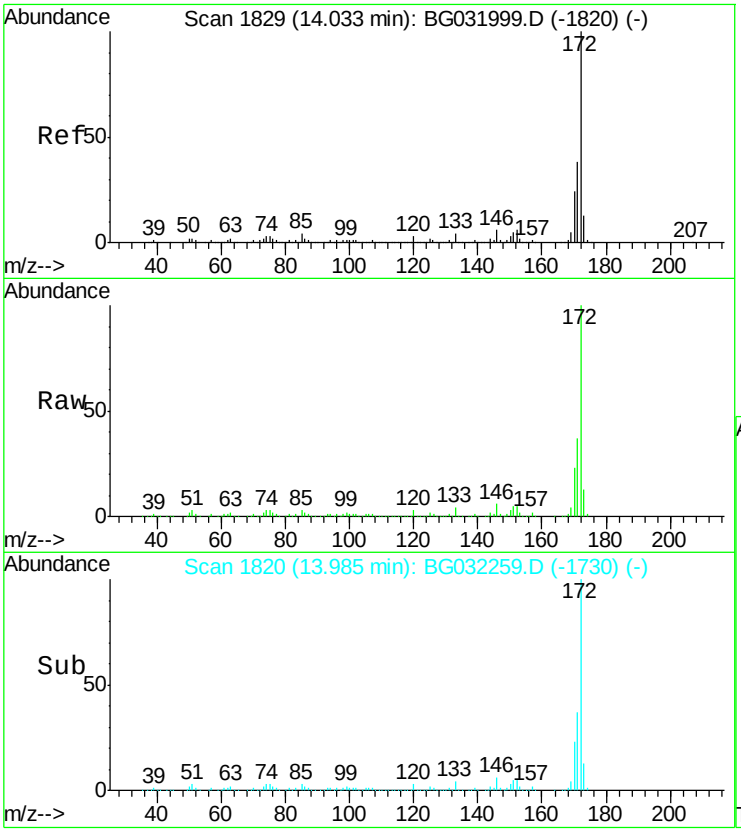




#41
2,4,6-Tribromophenol
Concen: 157.781 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BG032259.D
Acq: 24 Jan 2018 14:01

Tgt Ion:330 Resp: 265078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.8 | 77.0 | 115.6 |
| 141 | 29.2 | 25.2 | 37.8 |



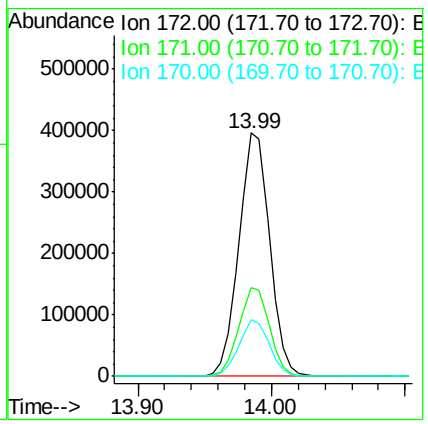


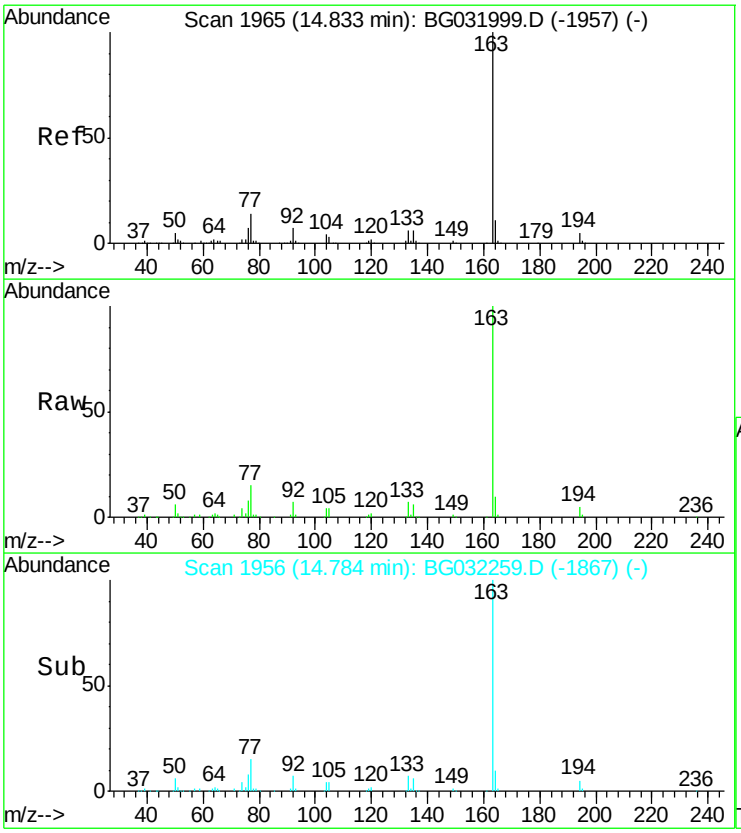

#44
2-Fluorobiphenyl
Concen: 77.122 ng
RT: 13.99 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BG032259.D
Acq: 24 Jan 2018 14:01

**Instrument :**
BNA_G
**ClientSampleId :**
MH-198

Tgt Ion:172 Resp: 631471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.7 | 30.0 | 45.0 |
| 170 | 23.3 | 19.5 | 29.3 |

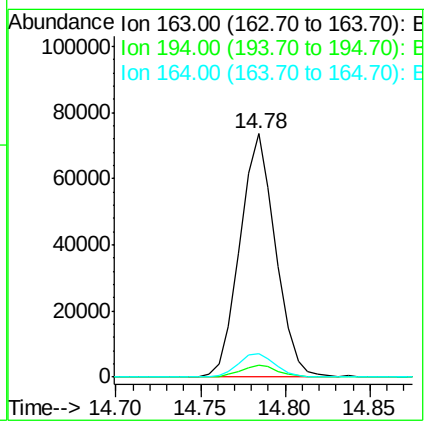


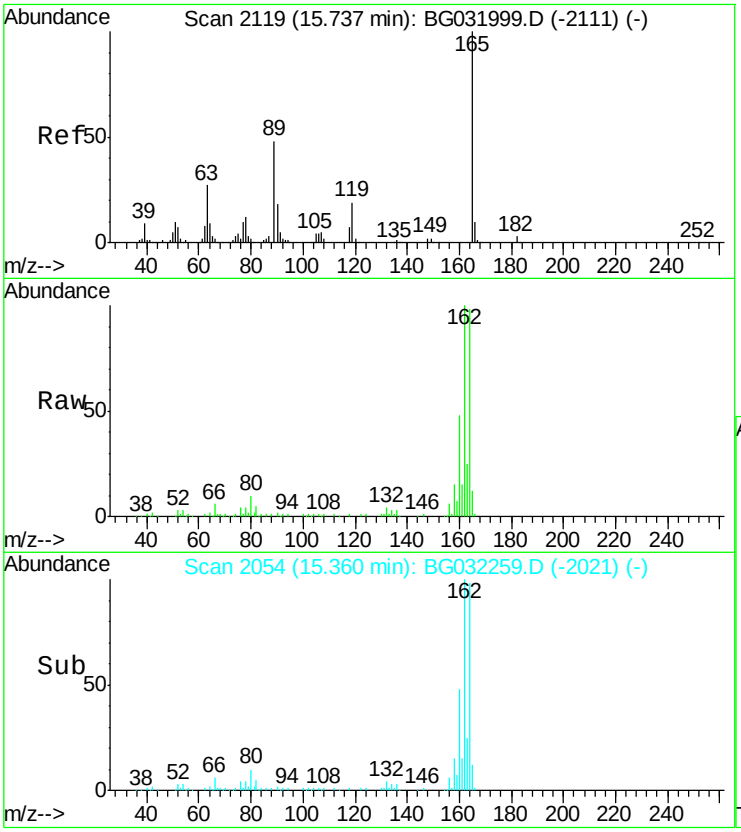




#49
Dimethylphthalate
Concen: 12.142 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG032259.D
Acq: 24 Jan 2018 14:01

Tgt Ion:163 Resp: 107872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.9 | 3.4 | 5.2 |
| 164 | 9.8 | 8.2 | 12.4 |



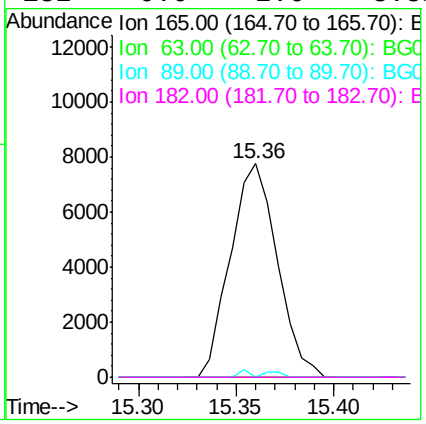


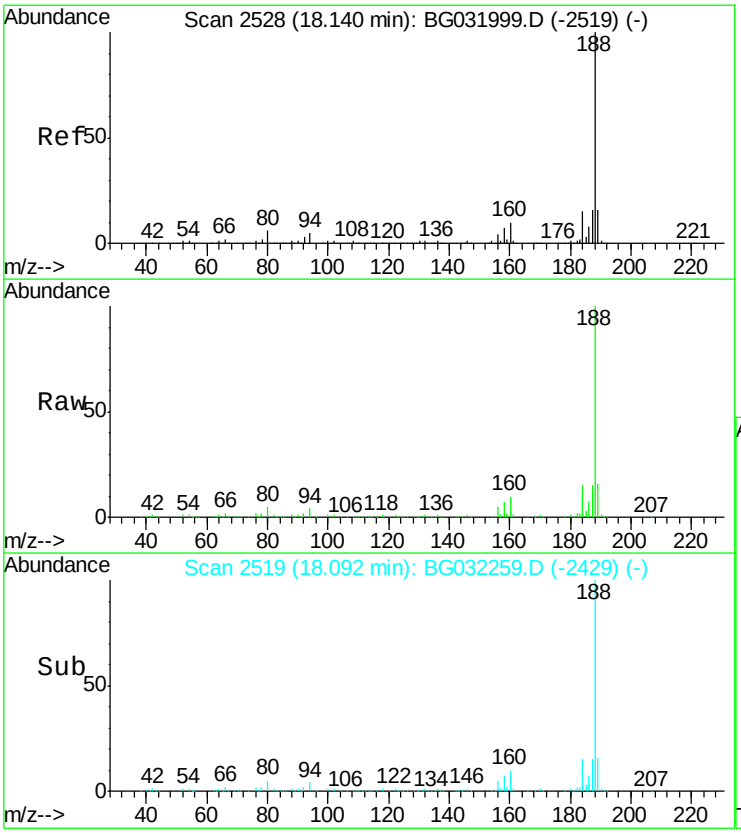

#56
2,4-Dinitrotoluene
Concen: 5.190 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.34 min
Lab File: BG032259.D
Acq: 24 Jan 2018 14:01

**Instrument :**
BNA_G
**ClientSampleId :**
MH-198

Tgt Ion:165 Resp: 12885

| 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# |

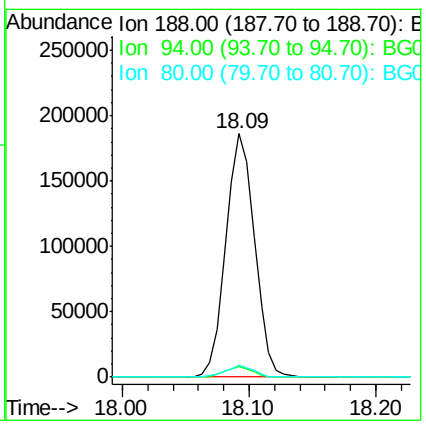


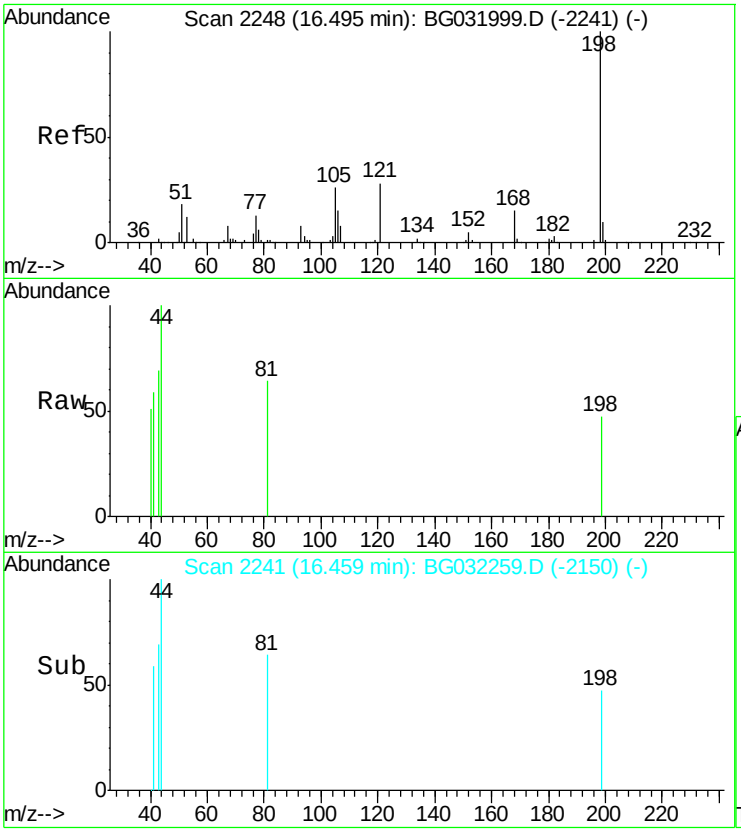




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.00 min
Lab File: BG032259.D
Acq: 24 Jan 2018 14:01

Tgt Ion:188 Resp: 291608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 4.3 | 6.9 | 10.3# |
| 80 | 4.8 | 7.7 | 11.5# |



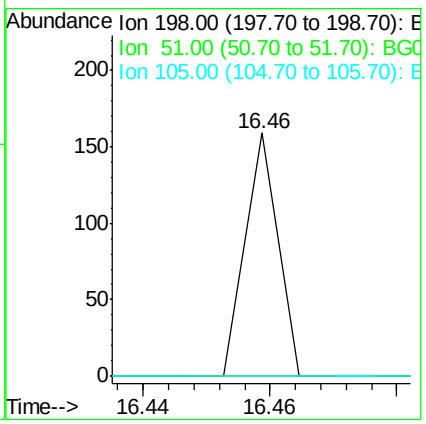


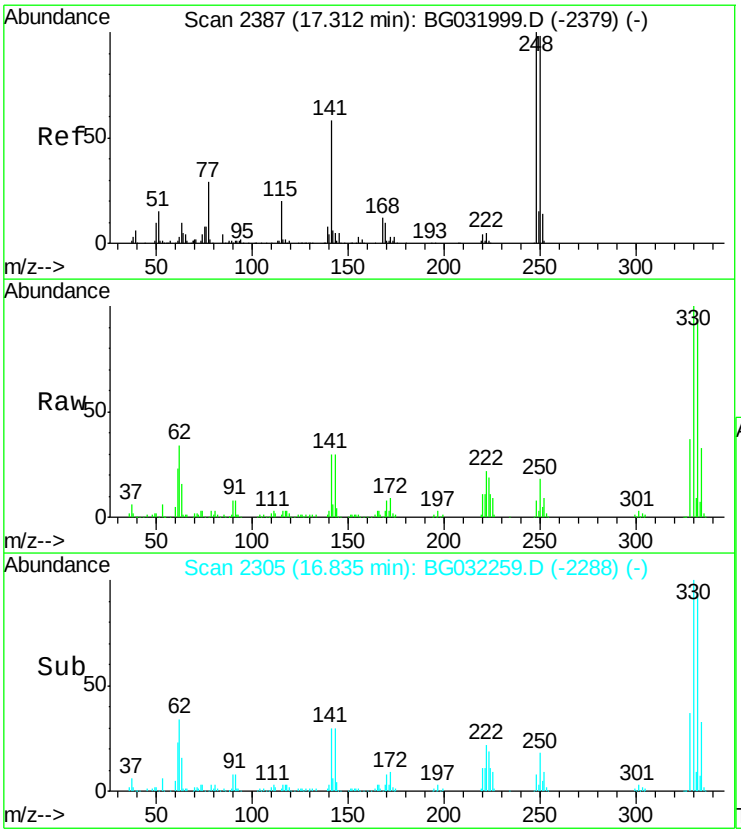

#64
4,6-Dinitro-2-methylphenol
Concen: 4.911 ng
RT: 16.46 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BG032259.D
Acq: 24 Jan 2018 14:01

**Instrument :**
BNA_G
**ClientSampleId :**
MH-198

Tgt Ion:198 Resp: 56

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 0.0 | 30.6 | 70.6# |
| 105 | 0.0 | 23.8 | 63.8# |

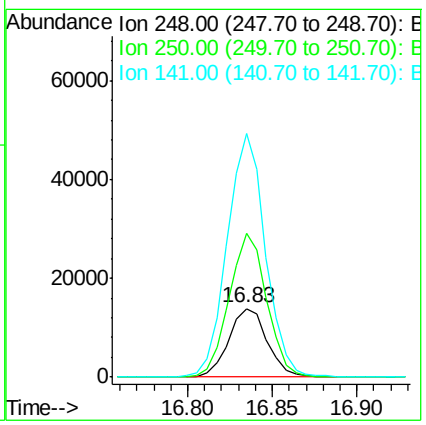


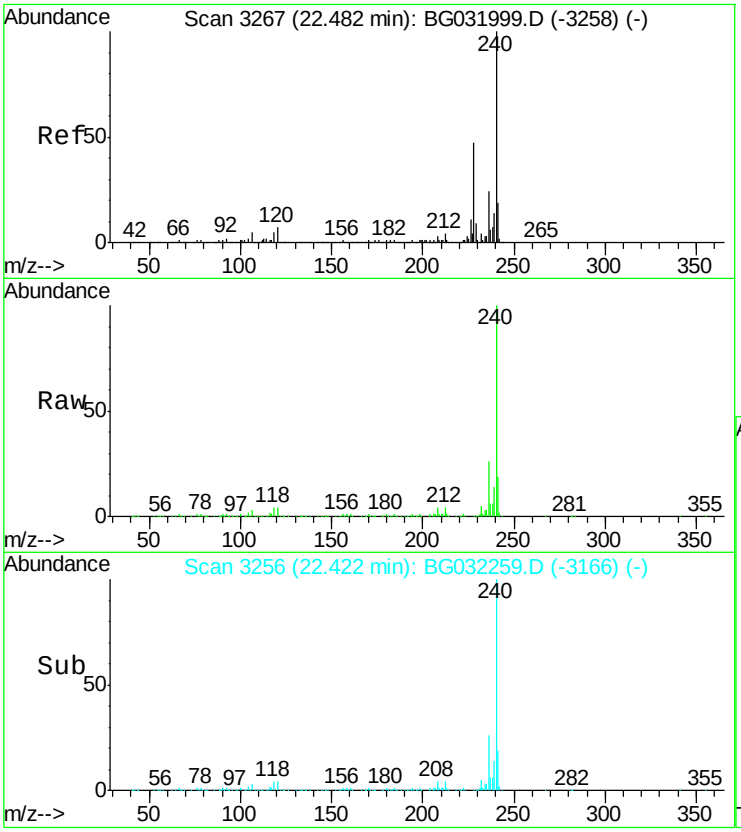




#66
4-Bromophenyl-phenylether
Concen: 5.289 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.43 min
Lab File: BG032259.D
Acq: 24 Jan 2018 14:01

Tgt Ion:248 Resp: 21944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 209.1 | 77.1 | 115.7# |
| 141 | 354.1 | 50.8 | 76.2# |



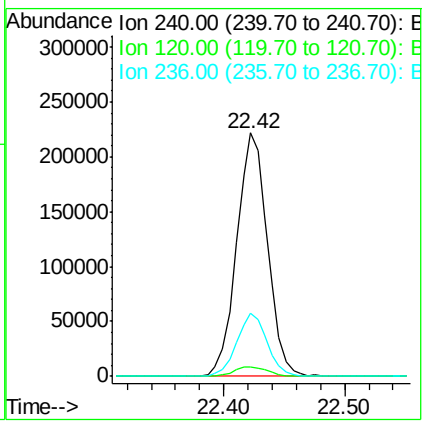


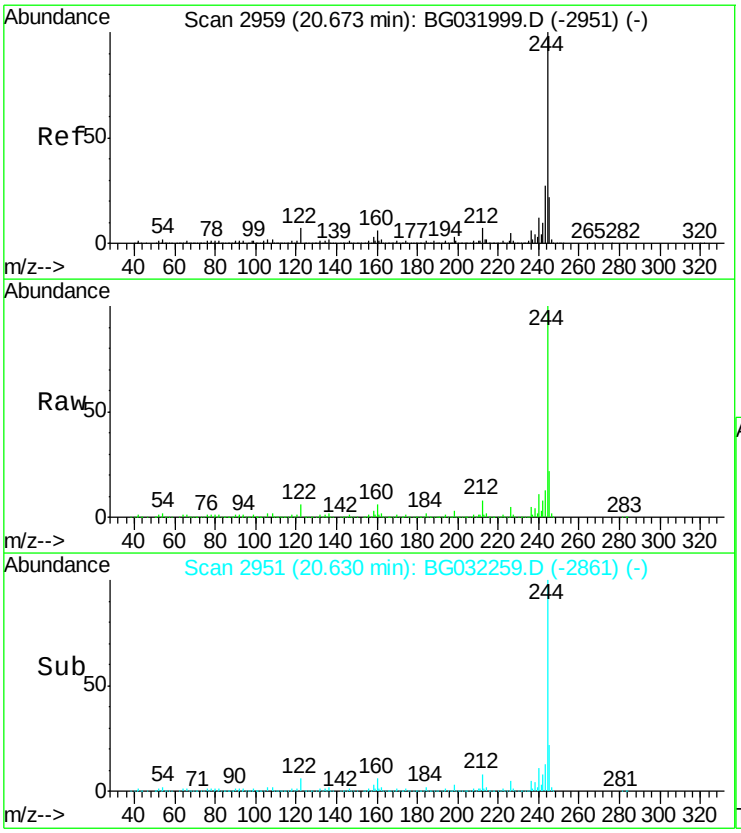

#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.00 min
Lab File: BG032259.D
Acq: 24 Jan 2018 14:01

**Instrument :**
BNA_G
**ClientSampleId :**
MH-198

Tgt Ion:240 Resp: 392930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 4.1 | 6.8 | 10.2# |
| 236 | 25.7 | 20.9 | 31.3 |

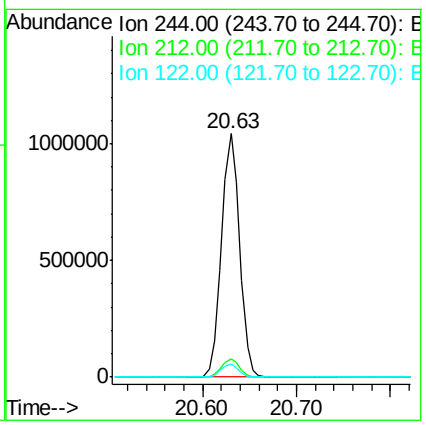


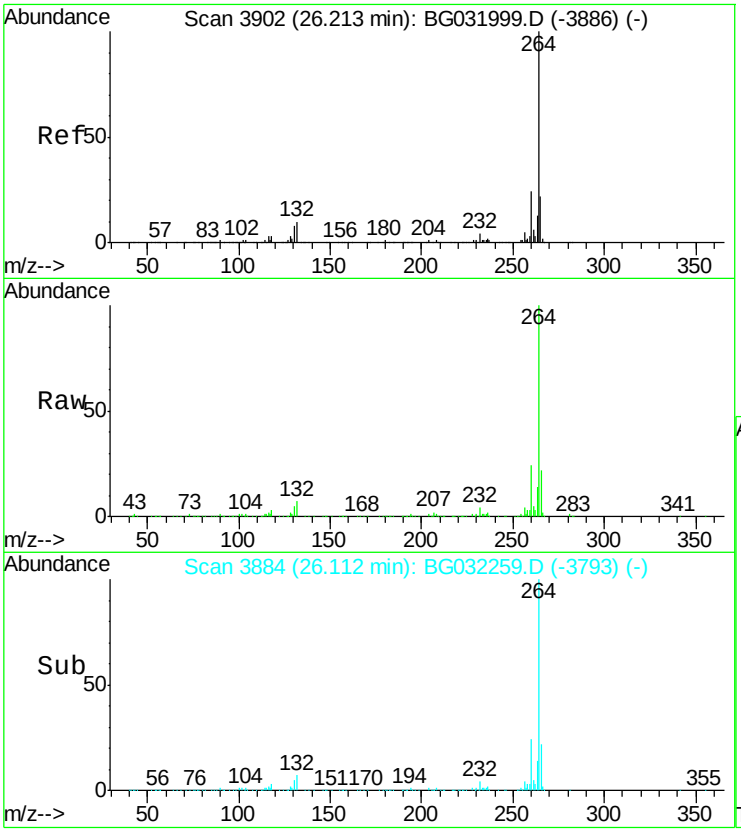




#78
Terphenyl-d14
Concen: 78.540 ng
RT: 20.63 min Scan# 2951
Delta R.T. -0.00 min
Lab File: BG032259.D
Acq: 24 Jan 2018 14:01

Tgt Ion:244 Resp: 1397642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.6 | 5.8 | 8.8 |
| 122 | 5.5 | 7.0 | 10.4# |






#86
Perylene-d12
Concen: 20.000 ng
RT: 26.11 min Scan# 3884
Delta R.T. 0.00 min
Lab File: BG032259.D
Acq: 24 Jan 2018 14:01

**Instrument :**
BNA_G
**ClientSampleId :**
MH-198

Tgt Ion:264 Resp: 408137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.6 | 17.4 | 26.0 |
| 265 | 22.2 | 17.7 | 26.5 |