Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
Data File : BG044223.D
Acq On : 27 Jan 2020 20:07
Operator : CG/JU
Sample : L1255-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** 0074-COMPOSITE

Quant Time: Jan 28 00:40:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.93 | 152 | 91051 | 20.00 | ng | | -0.03 |
| 21) Naphthalene-d8 | 10.73 | 136 | 408208 | 20.00 | ng | | -0.03 |
| 39) Acenaphthene-d10 | 14.57 | 164 | 275297 | 20.00 | ng | | -0.03 |
| 64) Phenanthrene-d10 | 17.31 | 188 | 542907 | 20.00 | ng | | -0.02 |
| 76) Chrysene-d12 | 21.56 | 240 | 480596 | 20.00 | ng | | -0.03 |
| 87) Perylene-d12 | 24.66 | 264 | 537118 | 20.00 | ng | | -0.06 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.51 | 112 | 609411 | 122.89 | ng | | -0.03 |
| 7) Phenol-d6 | 7.10 | 99 | 834111 | 120.33 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 9.09 | 82 | 486526 | 63.76 | ng | | -0.03 |
| 42) 2,4,6-Tribromophenol | 16.06 | 330 | 292934 | 101.68 | ng | | -0.03 |
| 45) 2-Fluorobiphenyl | 13.19 | 172 | 1044378 | 68.73 | ng | | -0.03 |
| 79) Terphenyl-d14 | 19.92 | 244 | 1331695 | 61.70 | ng | | -0.03 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 7.12 | 94 | 26855 | 3.760 | ng | | 87 |
| 19) n-Nitroso-di-n-propylamine | 9.09 | 70 | 62967 | 12.198 | ng | # | 78 |
| 50) Dimethylphthalate | 14.02 | 163 | 149810 | 7.664 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 14.57 | 165 | 35390 | 5.887 | ng | # | 26 |
| 65) 4,6-Dinitro-2-methylphenol | 16.05 | 198 | 798 | 4.649 | ng | # | 1 |
| 67) 4-Bromophenyl-phenylether | 16.06 | 248 | 20200 | 3.308 | ng | # | 1 |
| 75) Fluoranthene | 19.36 | 202 | 70101 | 2.354 | ng | | 91 |

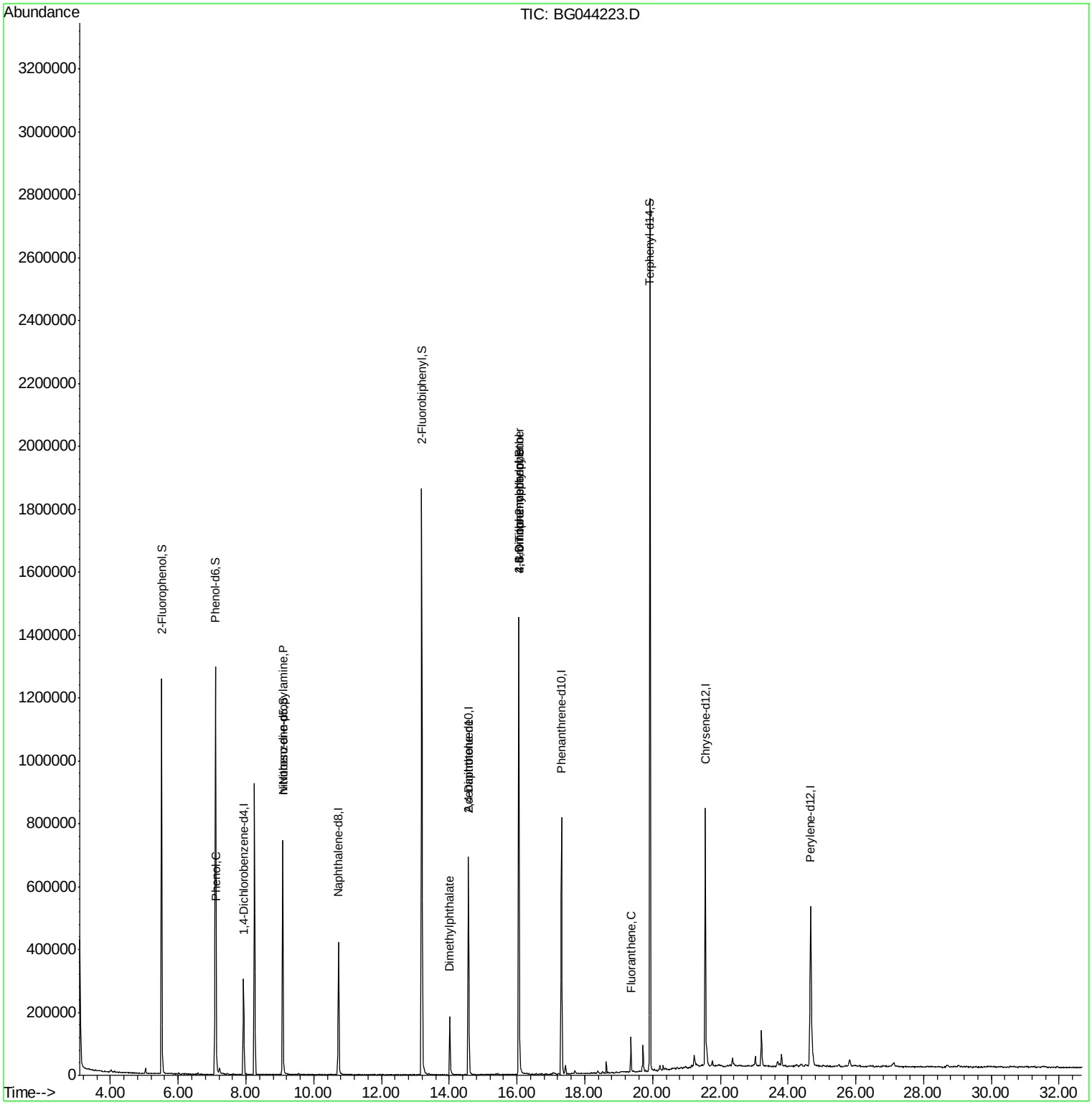
(#) = qualifier out of range (m) = manual integration (+) = signals summed

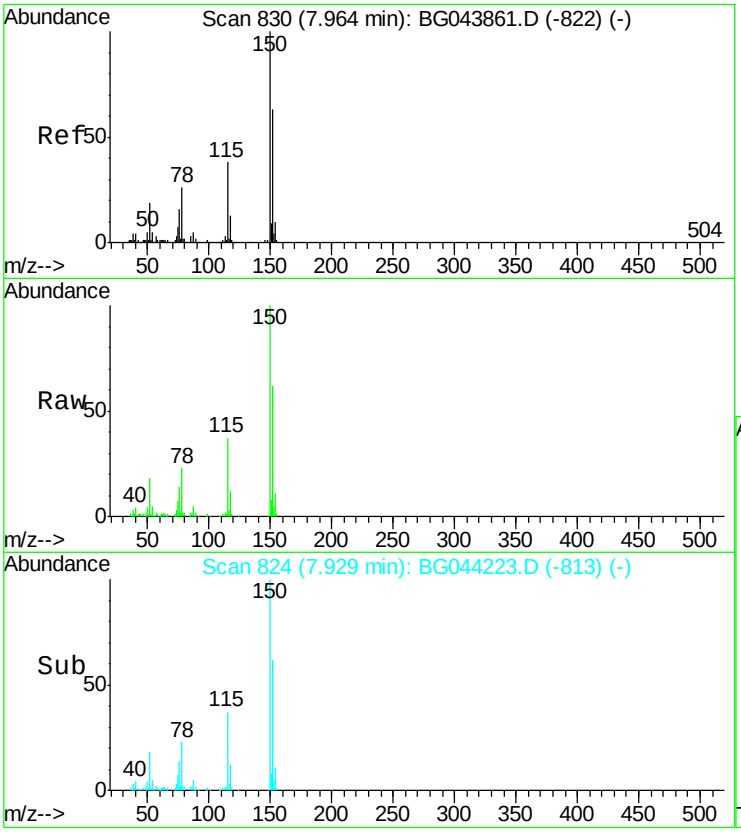
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
Data File : BG044223.D
Acq On : 27 Jan 2020 20:07
Operator : CG/JU
Sample : L1255-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
0074-COMPOSITE

Quant Time: Jan 28 00:40:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration



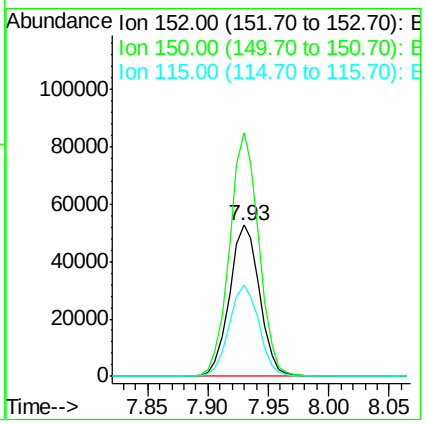


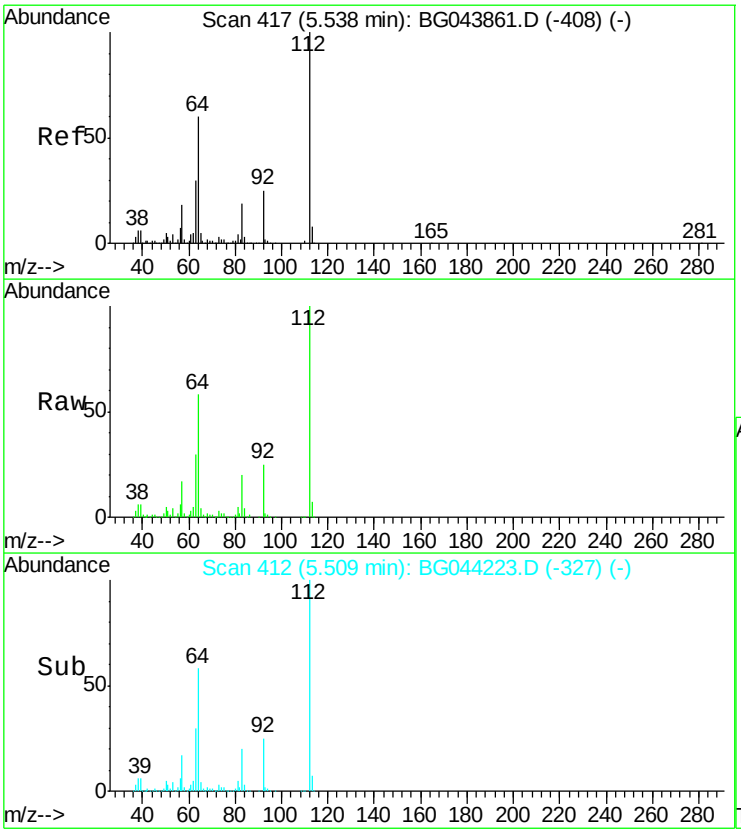

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044223.D
Acq: 27 Jan 2020 20:07

**Instrument :**
BNA_G
**ClientSampleId :**
0074-COMPOSITE

Tgt Ion:152 Resp: 91051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 161.2 | 127.0 | 190.4 |
| 115 | 60.1 | 47.8 | 71.8 |

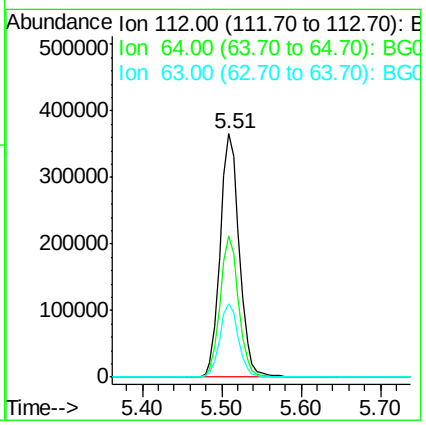


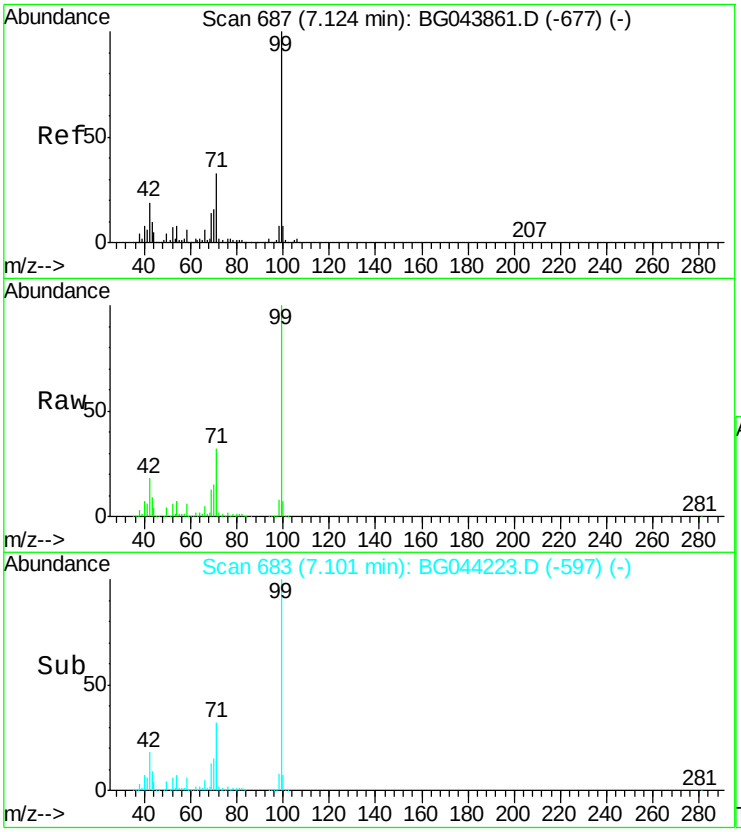




#5
2-Fluorophenol
Concen: 122.893 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044223.D
Acq: 27 Jan 2020 20:07

Tgt Ion:112 Resp: 609411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.2 | 47.8 | 71.6 |
| 63 | 30.3 | 24.3 | 36.5 |



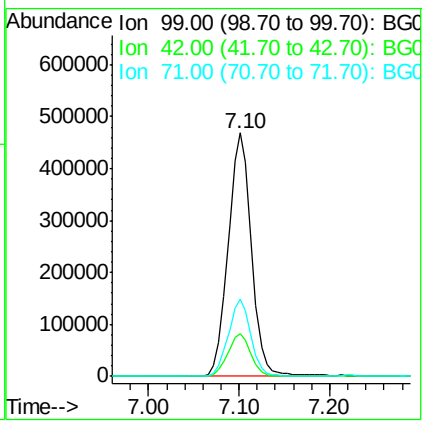


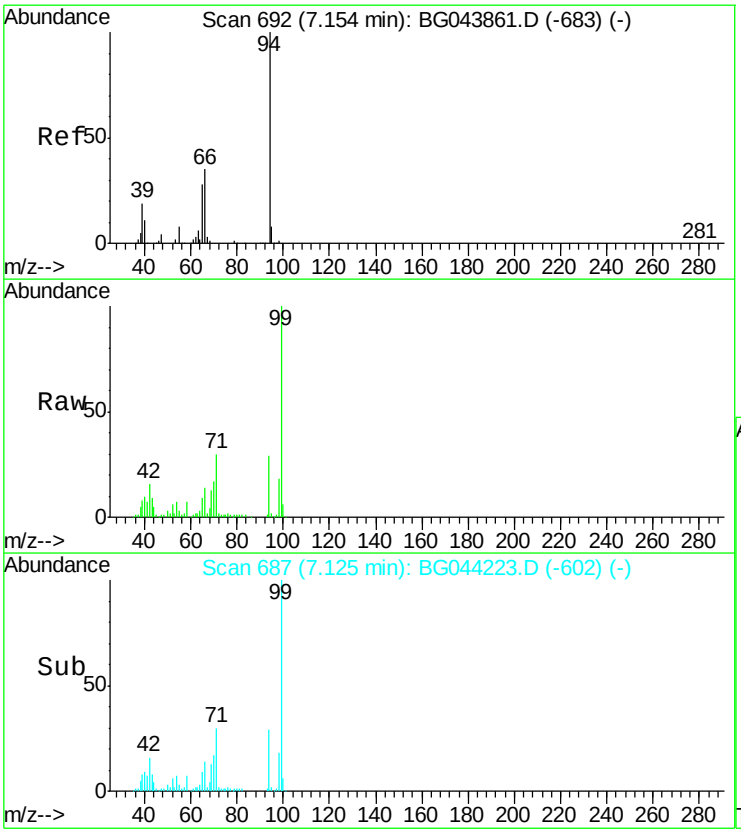

#7
Phenol-d6
Concen: 120.334 ng
RT: 7.10 min Scan# 683
Delta R.T. -0.02 min
Lab File: BG044223.D
Acq: 27 Jan 2020 20:07

**Instrument :**
BNA_G
**ClientSampleId :**
0074-COMPOSITE

Tgt Ion: 99 Resp: 834111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.5 | 14.9 | 22.3 |
| 71 | 32.0 | 26.4 | 39.6 |

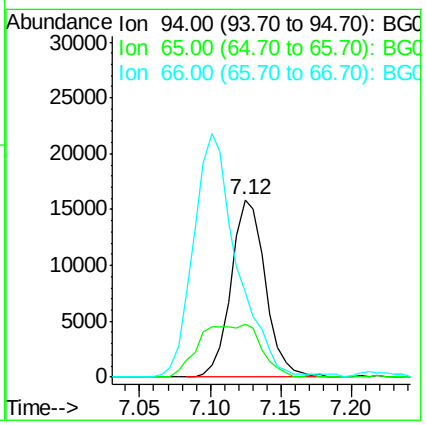


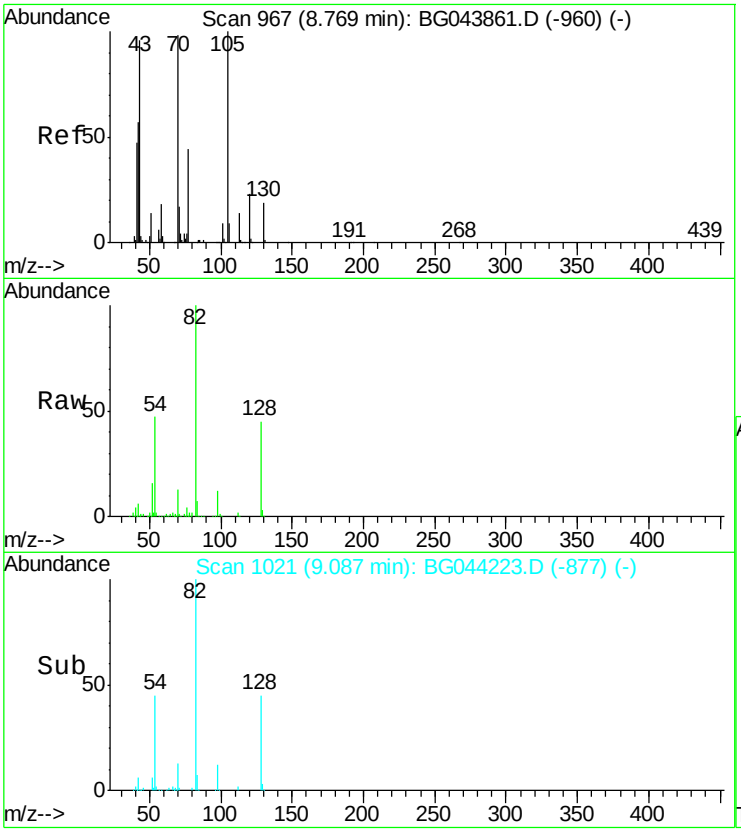




#10
Phenol
Concen: 3.760 ng
RT: 7.12 min Scan# 687
Delta R.T. -0.03 min
Lab File: BG044223.D
Acq: 27 Jan 2020 20:07

Tgt Ion: 94 Resp: 26855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.6 | 8.1 | 48.1 |
| 66 | 48.1 | 15.6 | 55.6 |



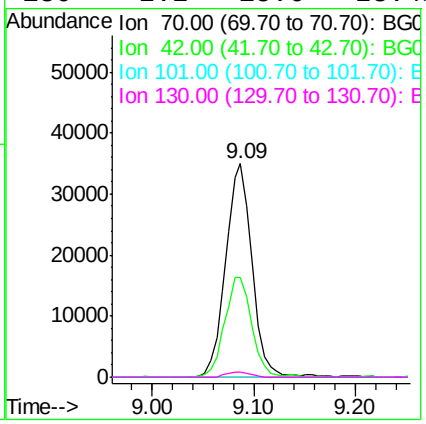


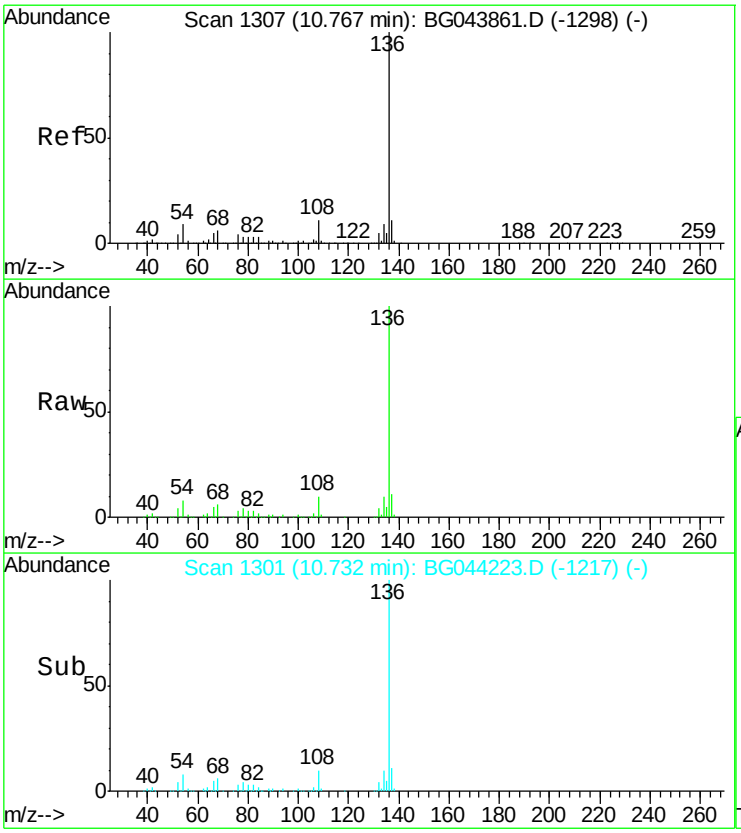

#19
n-Nitroso-di-n-propylamine
Concen: 12.198 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.32 min
Lab File: BG044223.D
Acq: 27 Jan 2020 20:07

**Instrument :**
BNA_G
**ClientSampleId :**
0074-COMPOSITE

Tgt Ion: 70 Resp: 62967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 46.7 | 47.0 | 70.4# |
| 101 | 0.0 | 7.2 | 10.8# |
| 130 | 2.2 | 15.6 | 23.4# |

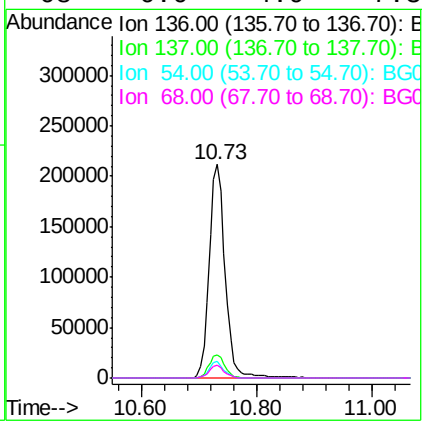


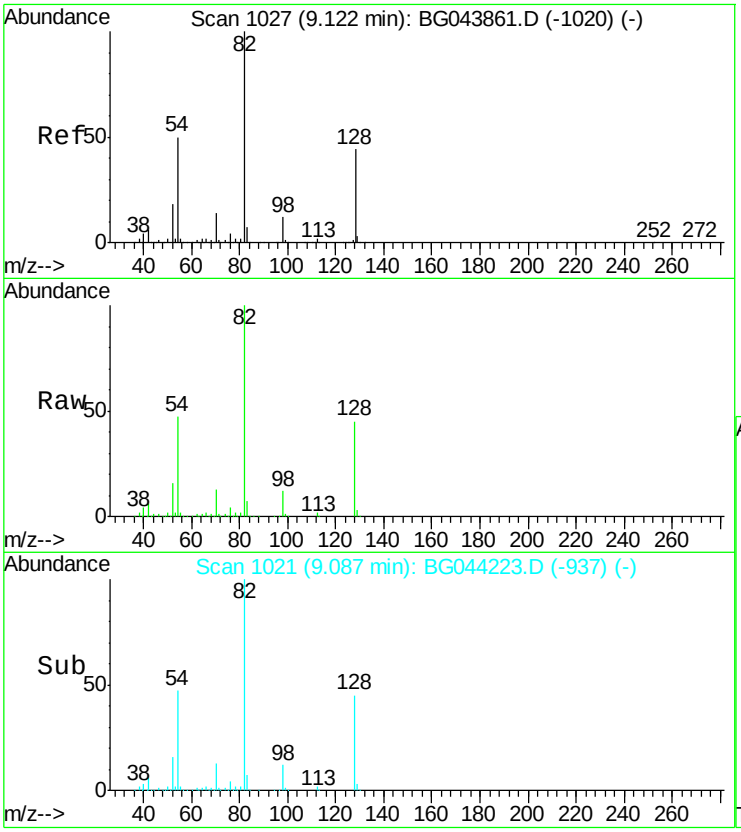




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044223.D
Acq: 27 Jan 2020 20:07

Tgt Ion:136 Resp: 408208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.6 | 8.8 | 13.2 |
| 54 | 7.5 | 7.0 | 10.4 |
| 68 | 6.0 | 4.9 | 7.3 |



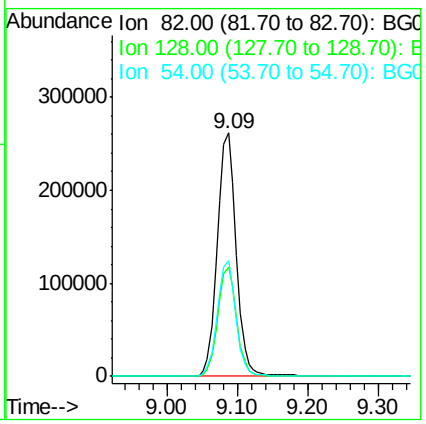


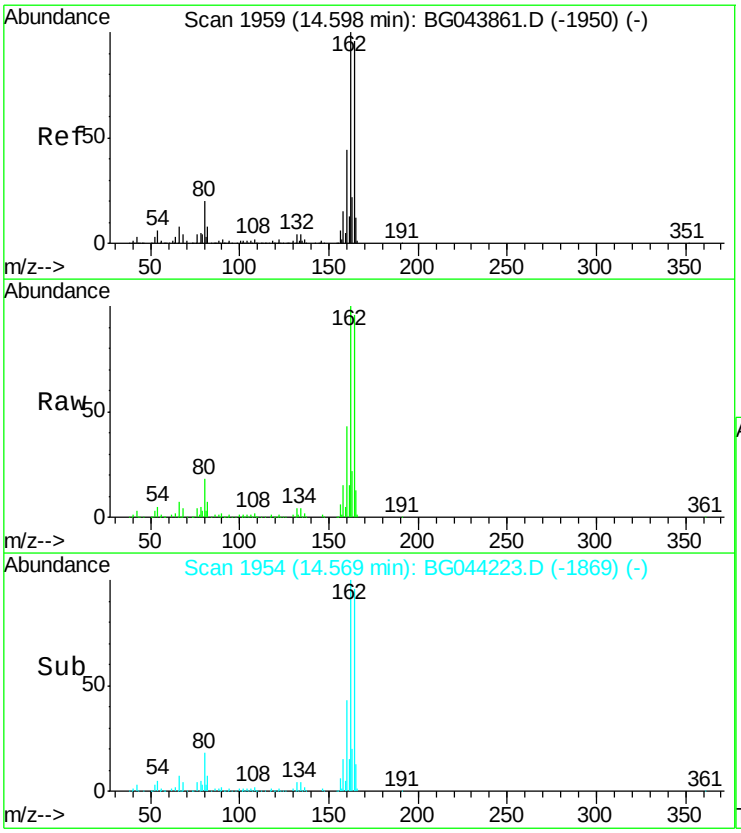

#23
Nitrobenzene-d5
Concen: 63.759 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BG044223.D
Acq: 27 Jan 2020 20:07

**Instrument :**
BNA_G
**ClientSampleId :**
0074-COMPOSITE

Tgt Ion: 82 Resp: 486526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.1 | 35.1 | 52.7 |
| 54 | 47.3 | 40.1 | 60.1 |

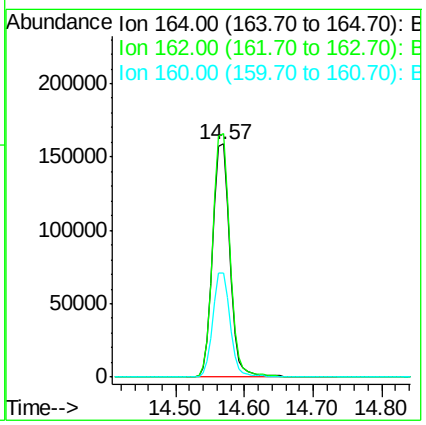


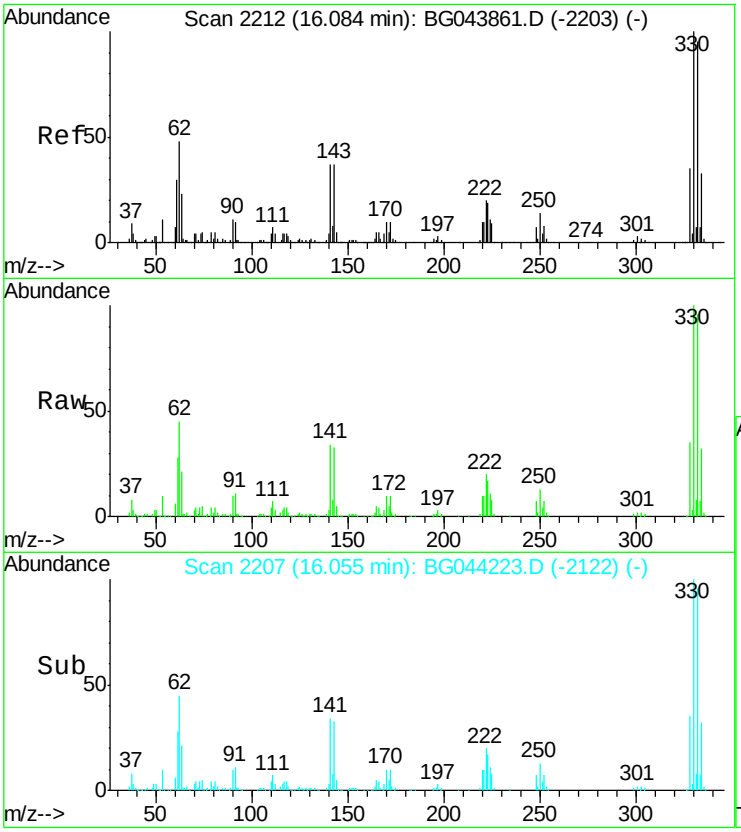




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG044223.D
Acq: 27 Jan 2020 20:07

Tgt Ion:164 Resp: 275297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.3 | 83.0 | 124.4 |
| 160 | 44.6 | 36.1 | 54.1 |



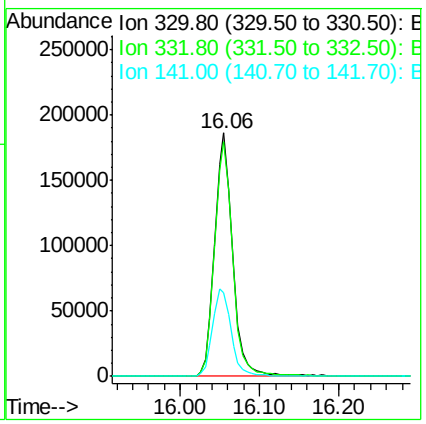


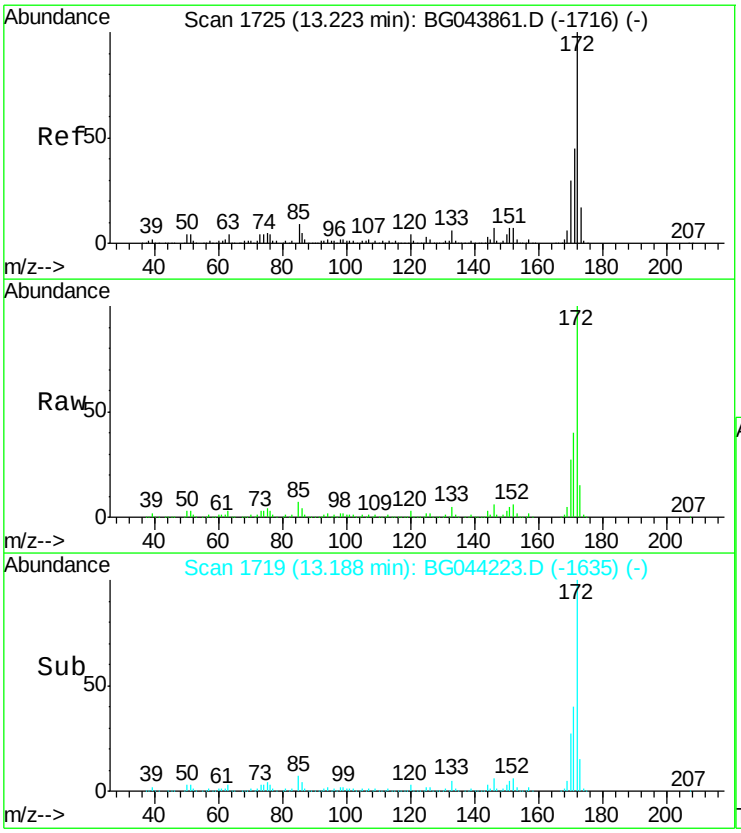

#42
2,4,6-Tribromophenol
Concen: 101.680 ng
RT: 16.06 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BG044223.D
Acq: 27 Jan 2020 20:07

**Instrument :**
BNA_G
**ClientSampleId :**
0074-COMPOSITE

Tgt Ion:330 Resp: 292934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.4 | 77.2 | 115.8 |
| 141 | 37.2 | 33.1 | 49.7 |

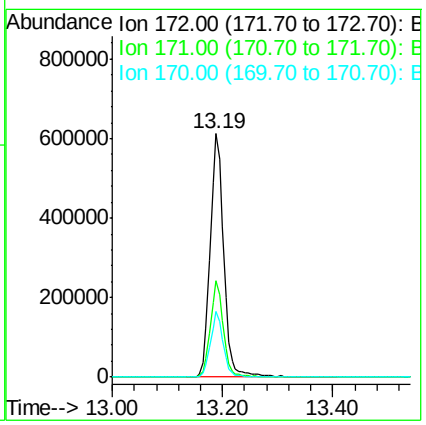


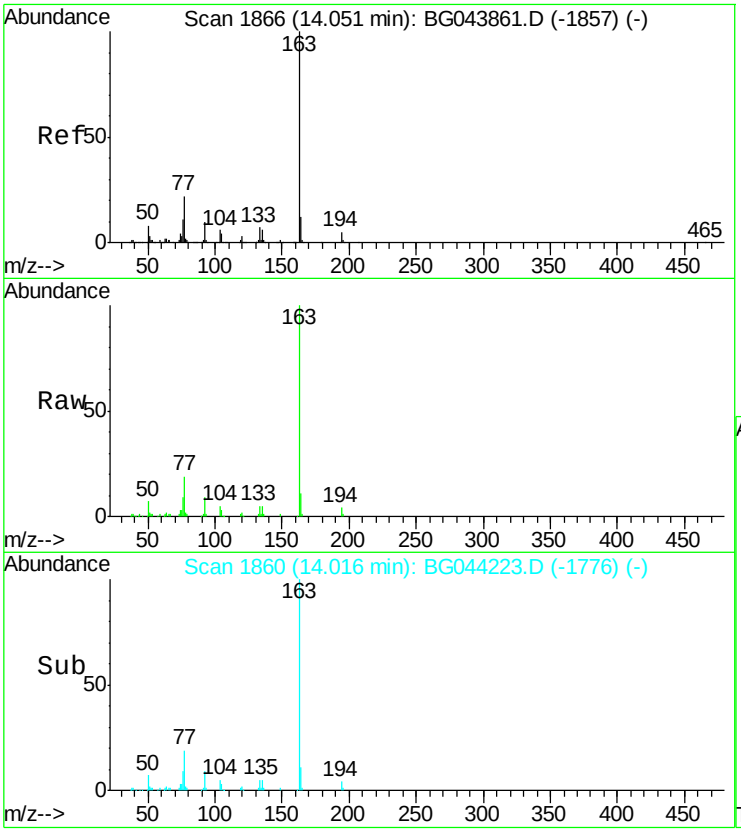




#45
2-Fluorobiphenyl
Concen: 68.732 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044223.D
Acq: 27 Jan 2020 20:07

Tgt Ion:172 Resp: 1044378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 39.6 | 35.8 | 53.8 |
| 170 | 26.9 | 24.2 | 36.4 |



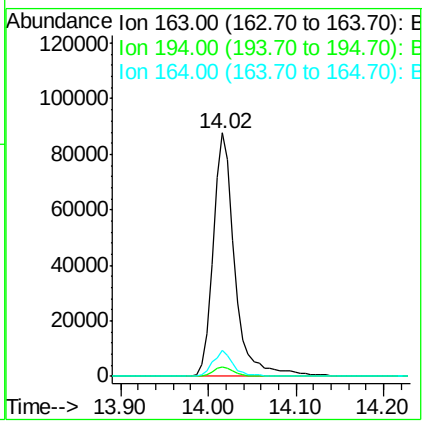


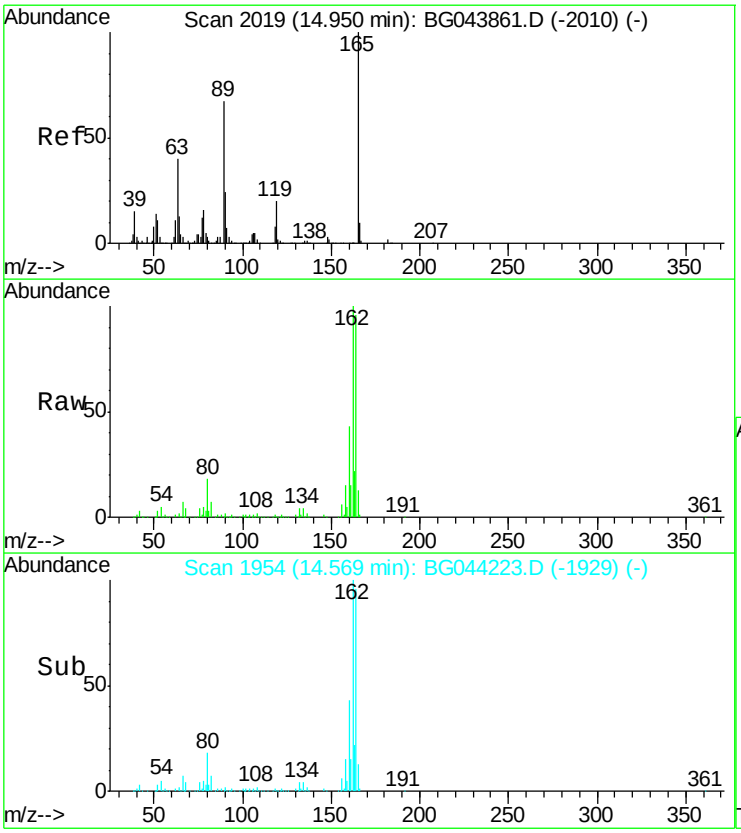

#50
Dimethylphthalate
Concen: 7.664 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.03 min
Lab File: BG044223.D
Acq: 27 Jan 2020 20:07

**Instrument :**
BNA_G
**ClientSampleId :**
0074-COMPOSITE

Tgt Ion:163 Resp: 149810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.1 | 3.7 | 5.5 |
| 164 | 10.7 | 9.3 | 13.9 |

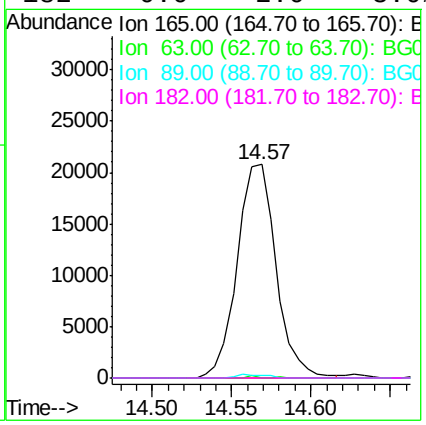


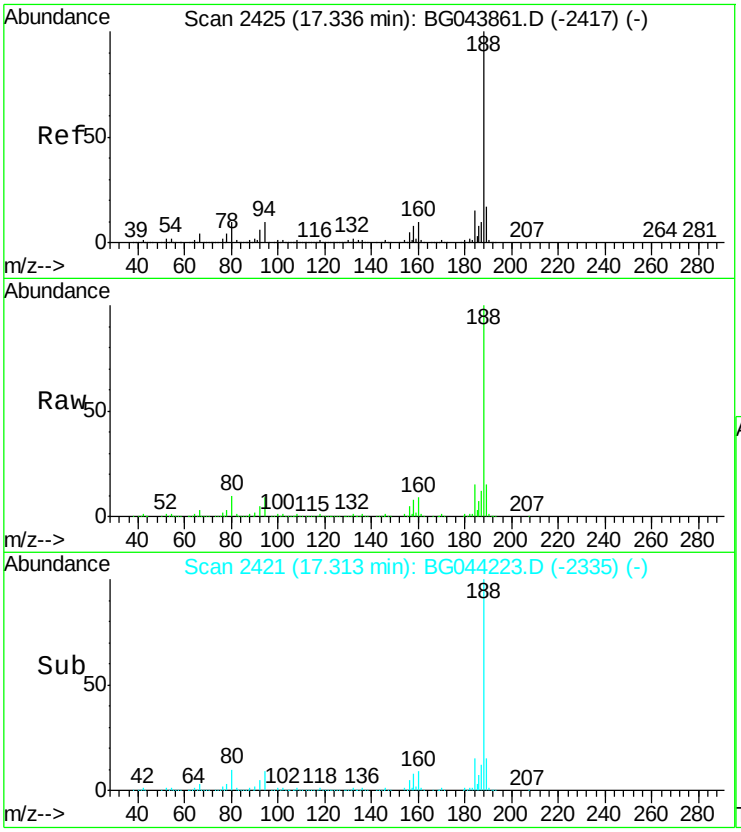




#57
2,4-Dinitrotoluene
Concen: 5.887 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.38 min
Lab File: BG044223.D
Acq: 27 Jan 2020 20:07

Tgt Ion:165 Resp: 35390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 31.9 | 47.9# |
| 89 | 1.3 | 53.8 | 80.6# |
| 182 | 0.0 | 2.0 | 3.0# |



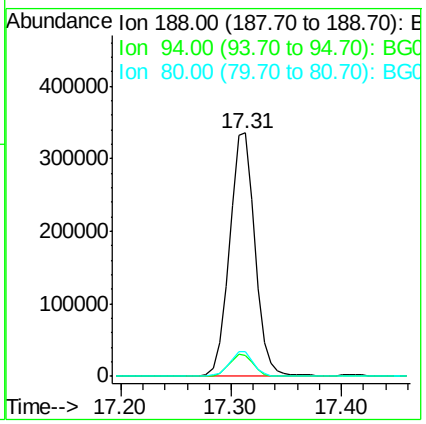


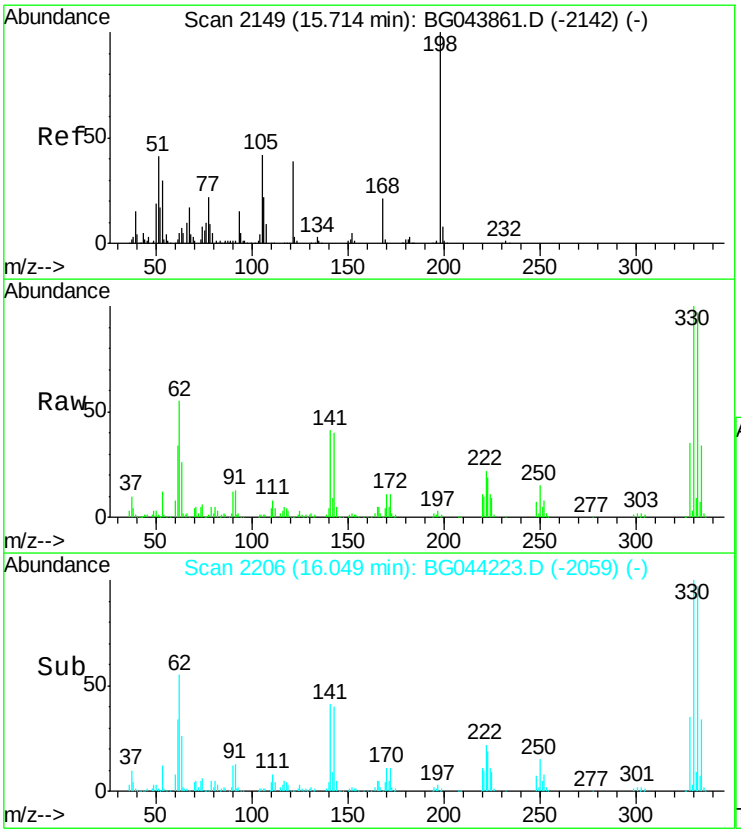

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044223.D
Acq: 27 Jan 2020 20:07

**Instrument :**
BNA_G
**ClientSampleId :**
0074-COMPOSITE

Tgt Ion:188 Resp: 542907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.5 | 7.9 | 11.9 |
| 80 | 10.0 | 8.2 | 12.4 |

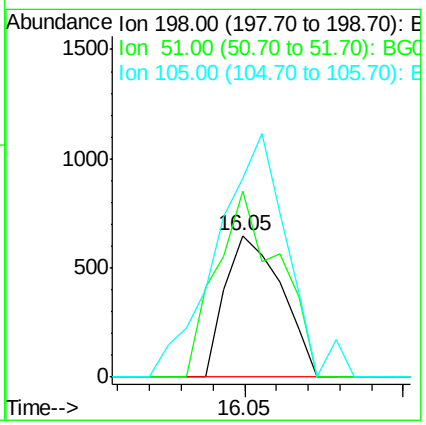


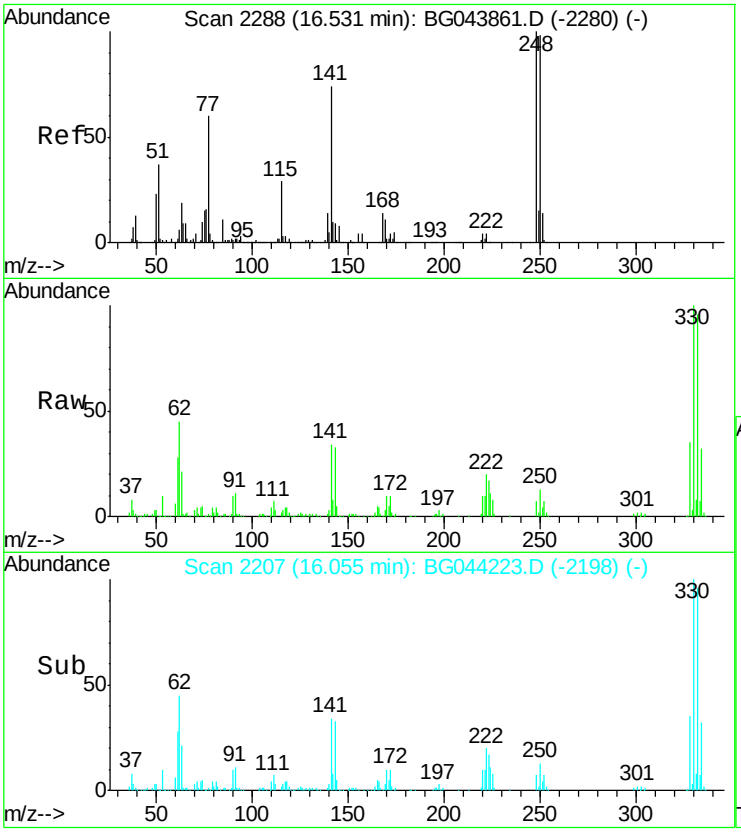




#65
4,6-Dinitro-2-methylphenol
Concen: 4.649 ng
RT: 16.05 min Scan# 2206
Delta R.T. 0.34 min
Lab File: BG044223.D
Acq: 27 Jan 2020 20:07

Tgt Ion:198 Resp: 798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 132.1 | 22.5 | 62.5# |
| 105 | 140.6 | 22.3 | 62.3# |



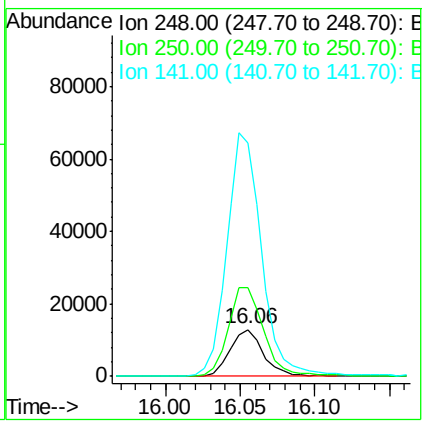


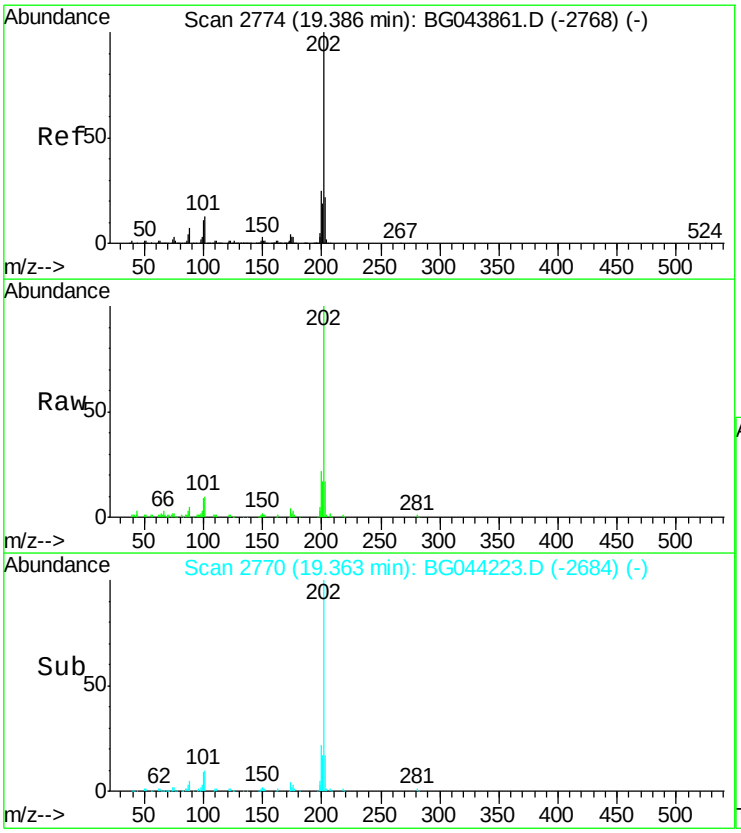

#67
4-Bromophenyl-phenylether
Concen: 3.308 ng
RT: 16.06 min Scan# 2207
Delta R.T. -0.48 min
Lab File: BG044223.D
Acq: 27 Jan 2020 20:07

**Instrument :**
BNA_G
**ClientSampleId :**
0074-COMPOSITE

Tgt Ion:248 Resp: 20200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 189.2 | 78.2 | 117.2# |
| 141 | 499.7 | 59.3 | 88.9# |

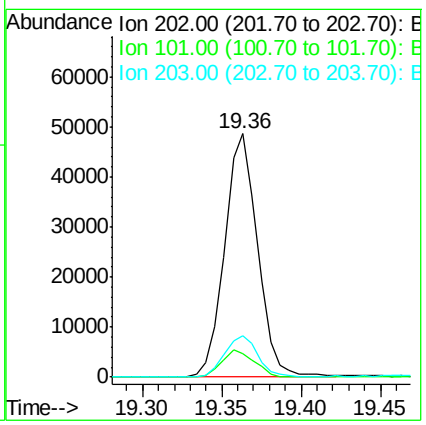


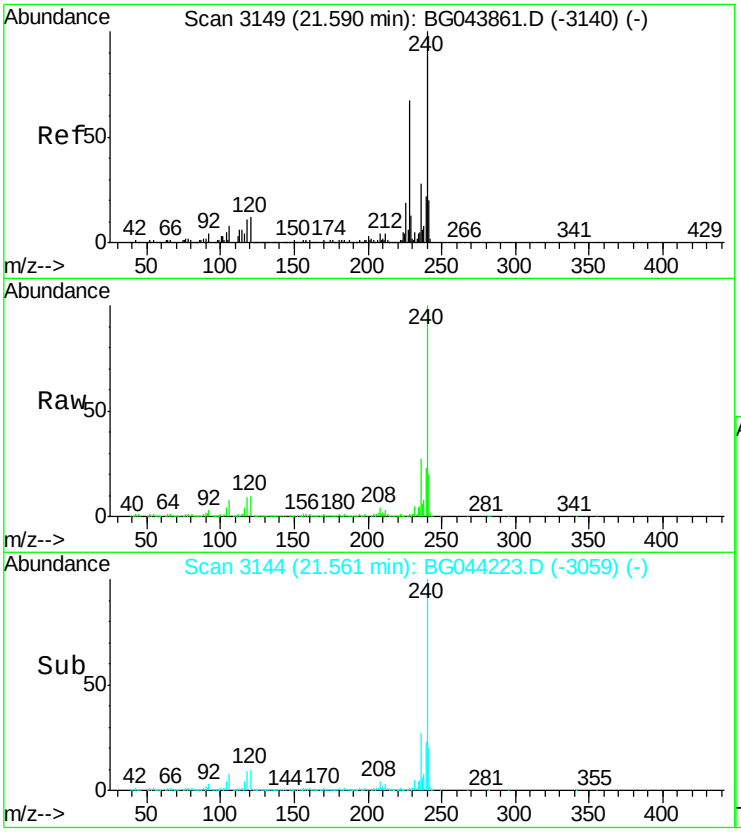




#75
Fluoranthene
Concen: 2.354 ng
RT: 19.36 min Scan# 2770
Delta R.T. -0.02 min
Lab File: BG044223.D
Acq: 27 Jan 2020 20:07

Tgt Ion:202 Resp: 70101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.6 | 0.0 | 33.3 |
| 203 | 17.1 | 1.6 | 41.6 |



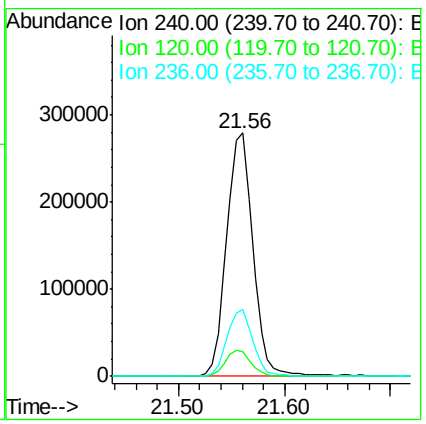


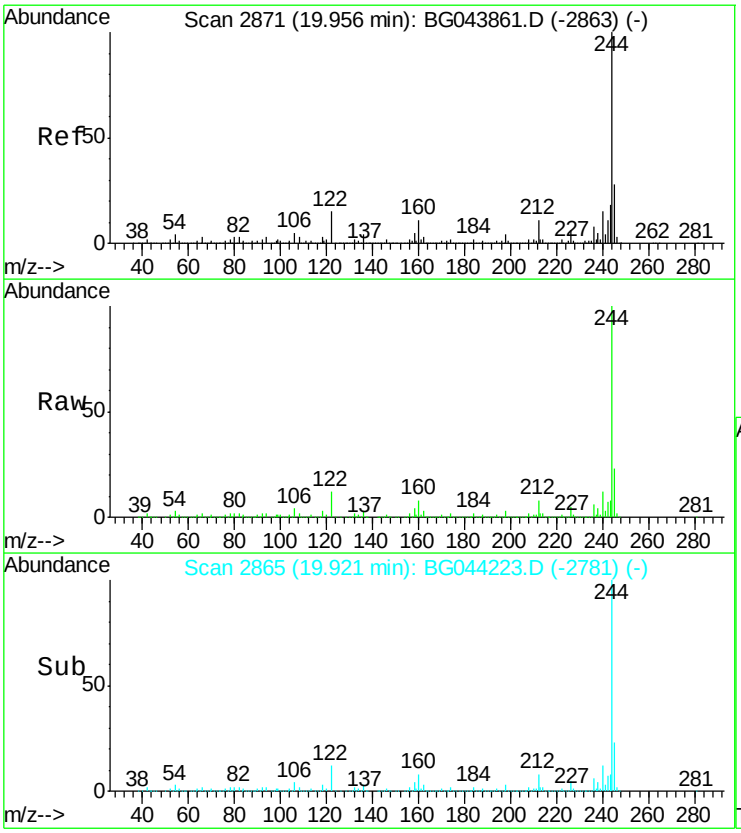

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.03 min
Lab File: BG044223.D
Acq: 27 Jan 2020 20:07

**Instrument :**
BNA_G
**ClientSampleId :**
0074-COMPOSITE

Tgt Ion:240 Resp: 480596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.2 | 9.6 | 14.4 |
| 236 | 27.3 | 22.2 | 33.2 |

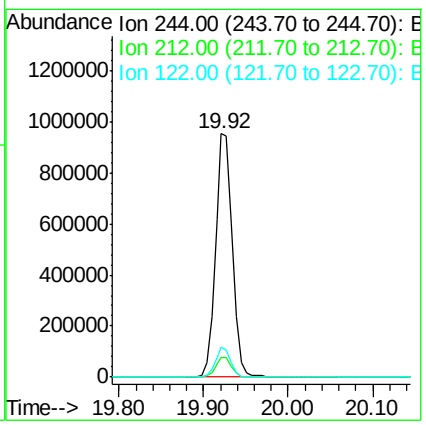


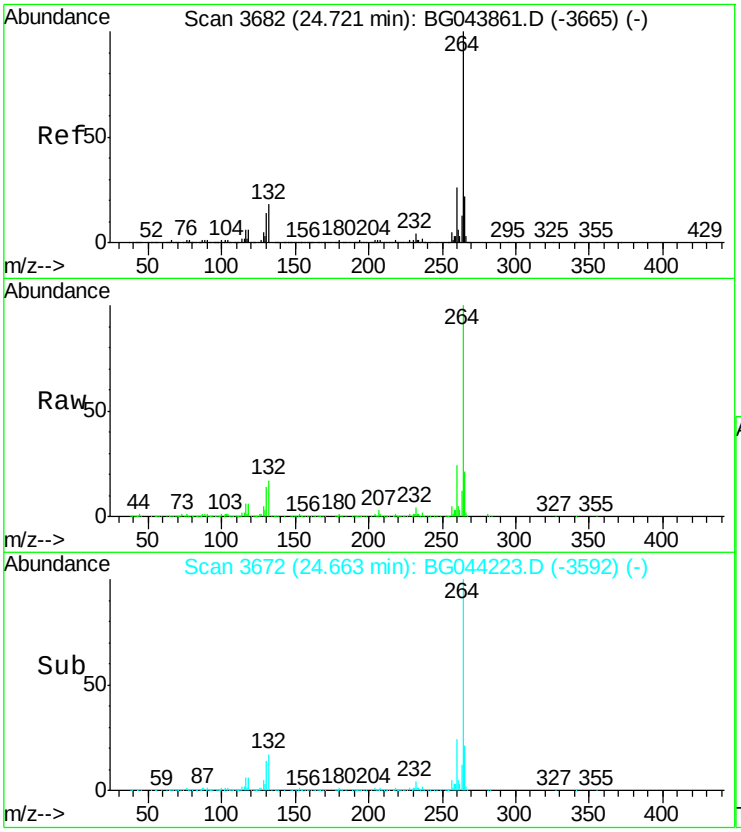




#79
Terphenyl-d14
Concen: 61.698 ng
RT: 19.92 min Scan# 2865
Delta R.T. -0.03 min
Lab File: BG044223.D
Acq: 27 Jan 2020 20:07

Tgt Ion:244 Resp: 1331695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.3 | 8.6 | 13.0# |
| 122 | 12.0 | 11.9 | 17.9 |






#87
Perylene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.06 min
Lab File: BG044223.D
Acq: 27 Jan 2020 20:07

**Instrument :**
BNA_G
**ClientSampleId :**
0074-COMPOSITE

Tgt Ion:264 Resp: 537118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.8 | 20.4 | 30.6 |
| 265 | 21.2 | 17.4 | 26.2 |