Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
Data File : BG043617.D
Acq On : 13 Nov 2019 18:02
Operator : JU
Sample : PB124718BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Nov 14 01:42:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

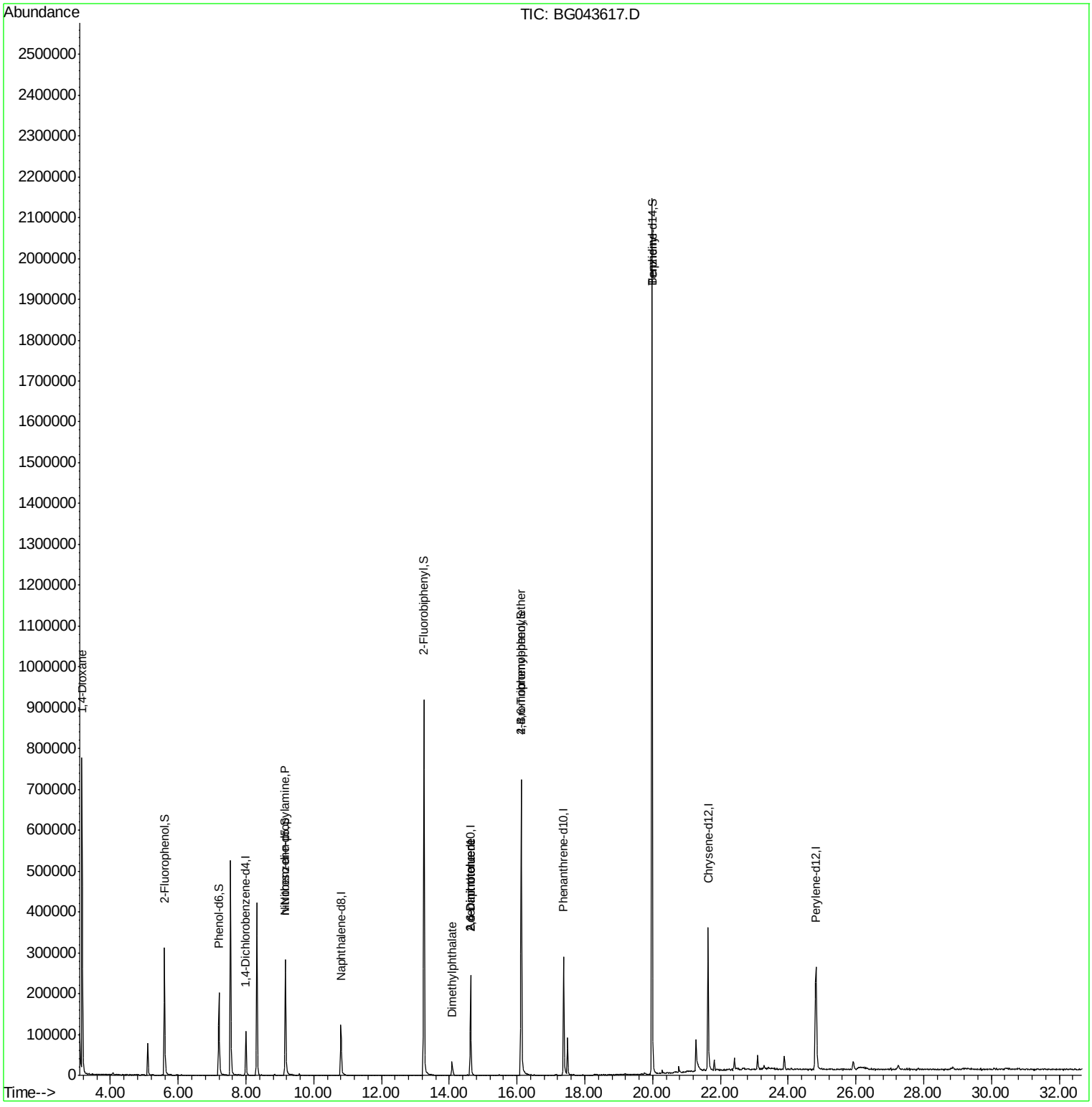
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.99 | 152 | 32940 | 20.00 | ng | -0.01 |
| 21) Naphthalene-d8 | 10.80 | 136 | 119633 | 20.00 | ng | -0.01 |
| 39) Acenaphthene-d10 | 14.63 | 164 | 93457 | 20.00 | ng | -0.01 |
| 64) Phenanthrene-d10 | 17.38 | 188 | 233340 | 20.00 | ng | -0.01 |
| 76) Chrysene-d12 | 21.64 | 240 | 245375 | 20.00 | ng | -0.02 |
| 87) Perylene-d12 | 24.82 | 264 | 296984 | 20.00 | ng | -0.03 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.60 | 112 | 144512 | 80.39 | ng | 0.00 |
| 7) Phenol-d6 | 7.20 | 99 | 134904 | 52.16 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.16 | 82 | 192016 | 82.75 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 16.12 | 330 | 185923 | 104.54 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.25 | 172 | 546457 | 80.80 | ng | -0.01 |
| 79) Terphenyl-d14 | 19.99 | 244 | 1150370 | 87.95 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.16 | 88 | 7552 | 10.781 | ng | # 1 |
| 19) n-Nitroso-di-n-propylamine | 9.16 | 70 | 26886 | 16.088 | ng | # 80 |
| 50) Dimethylphthalate | 14.09 | 163 | 32563 | 4.498 | ng | # 97 |
| 51) 2,6-Dinitrotoluene | 14.63 | 165 | 12107 | 7.699 | ng | # 25 |
| 57) 2,4-Dinitrotoluene | 14.63 | 165 | 12107 | 5.387 | ng | # 29 |
| 67) 4-Bromophenyl-phenylether | 16.12 | 248 | 12314 | 3.921 | ng | # 1 |
| 77) Benzidine | 19.99 | 184 | 17044 | 3.451 | ng | # 91 |

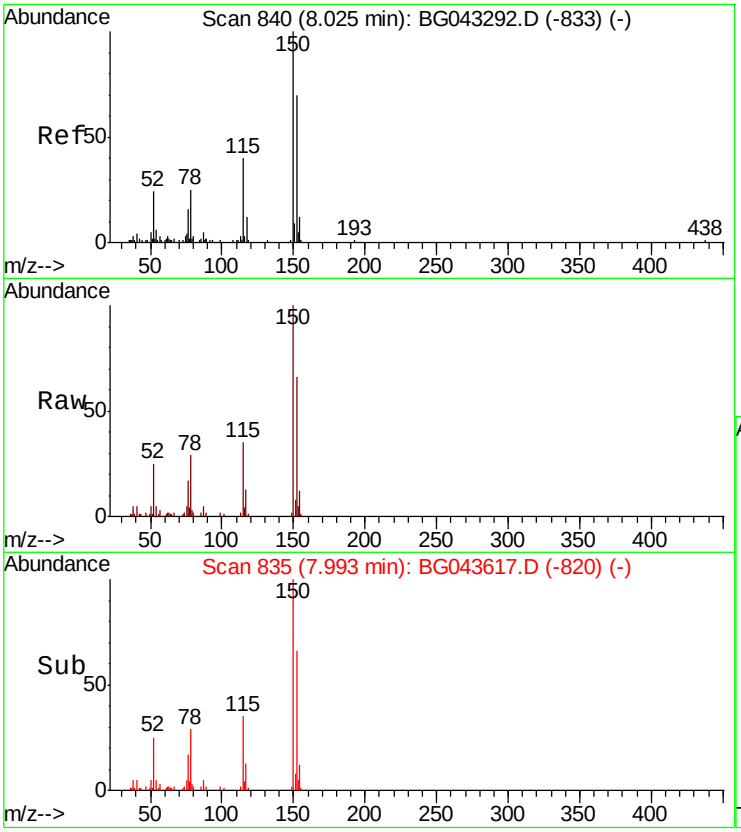
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
Data File : BG043617.D
Acq On : 13 Nov 2019 18:02
Operator : JU
Sample : PB124718BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Nov 14 01:42:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration



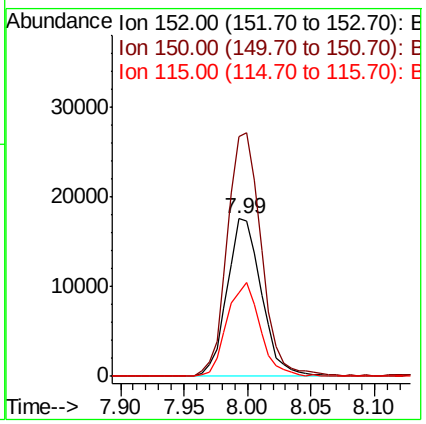


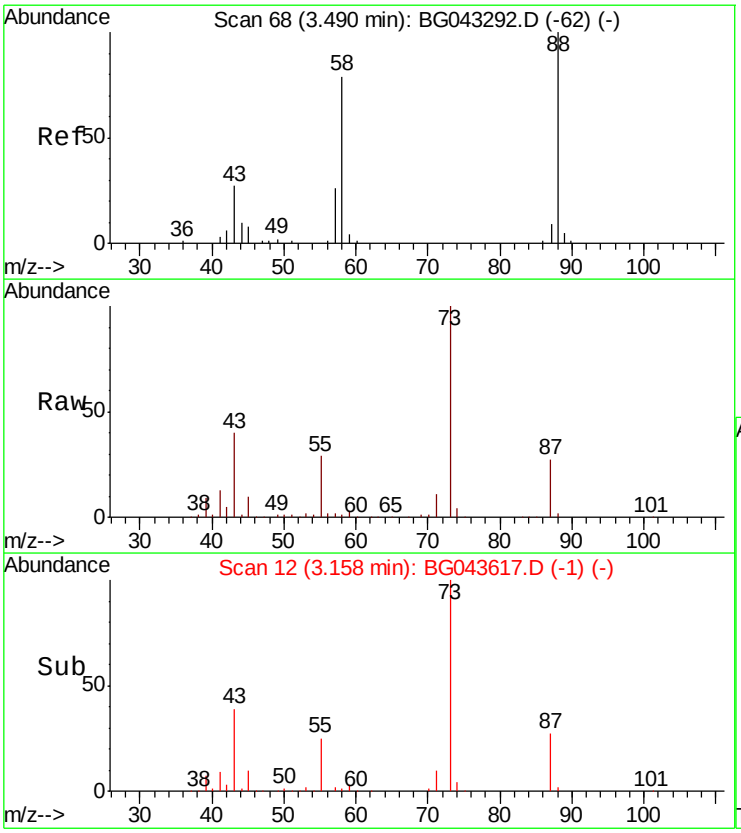

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043617.D
Acq: 13 Nov 2019 18:02

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

Tgt Ion:152 Resp: 32940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 151.7 | 129.4 | 194.0 |
| 115 | 52.8 | 48.8 | 73.2 |

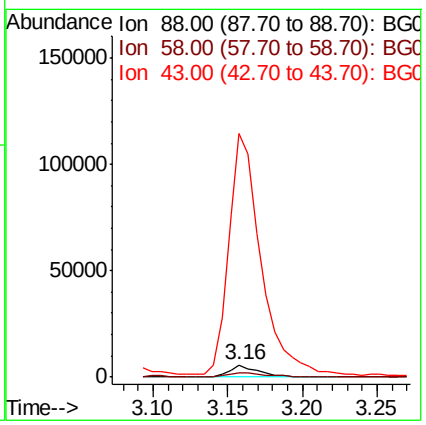


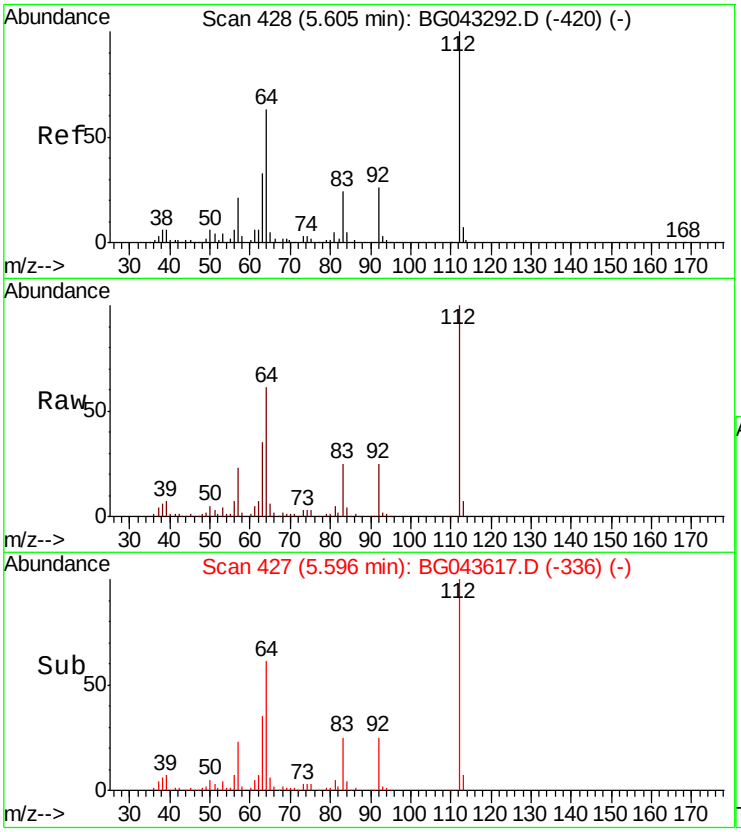




#2
1,4-Dioxane
Concen: 10.781 ng
RT: 3.16 min Scan# 12
Delta R.T. -0.31 min
Lab File: BG043617.D
Acq: 13 Nov 2019 18:02

Tgt Ion: 88 Resp: 7552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 45.1 | 62.7 | 94.1# |
| 43 | 2255.4 | 23.7 | 35.5# |



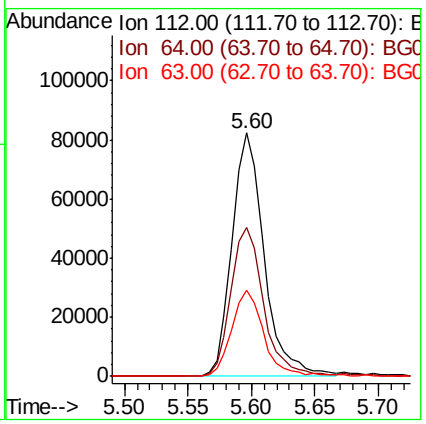


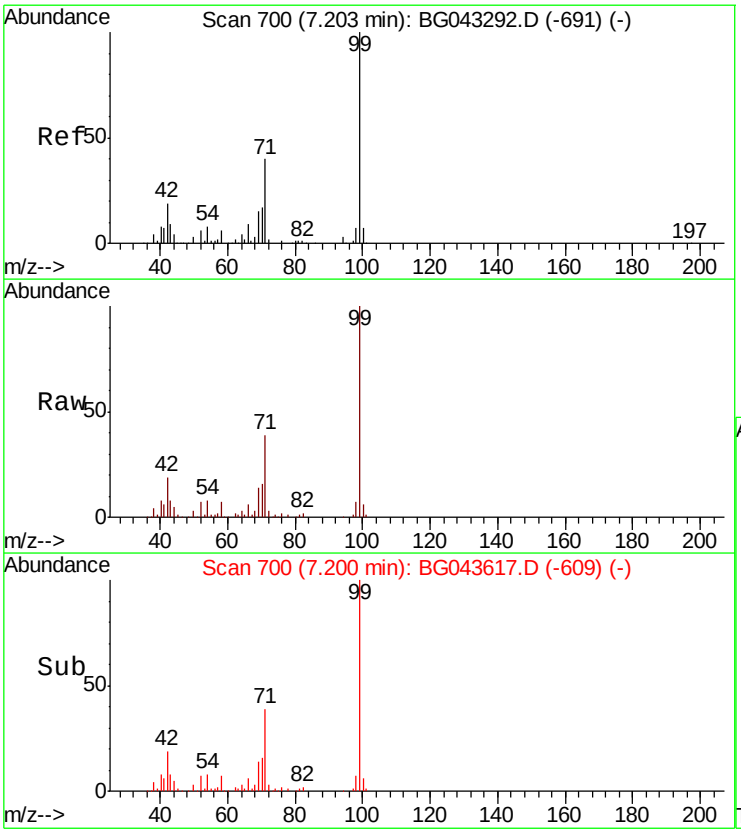

#5
2-Fluorophenol
Concen: 80.392 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG043617.D
Acq: 13 Nov 2019 18:02

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

Tgt Ion:112 Resp: 144512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 60.9 | 50.0 | 75.0 |
| 63 | 35.5 | 26.6 | 40.0 |

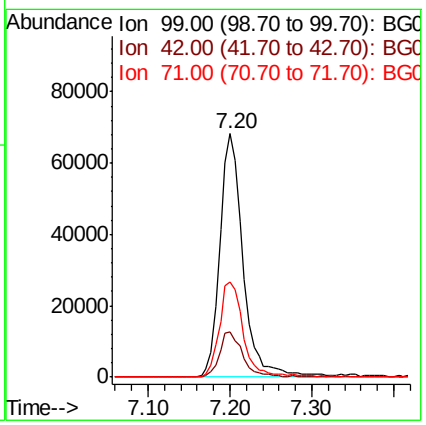


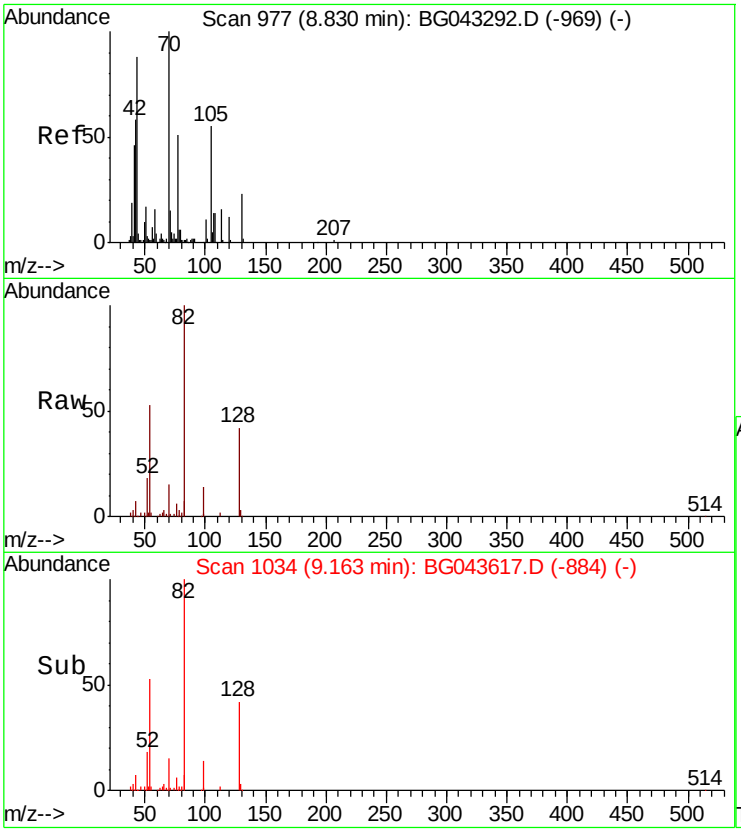




#7
Phenol-d6
Concen: 52.161 ng
RT: 7.20 min Scan# 700
Delta R.T. 0.00 min
Lab File: BG043617.D
Acq: 13 Nov 2019 18:02

Tgt Ion: 99 Resp: 134904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.6 | 14.6 | 21.8 |
| 71 | 39.2 | 32.5 | 48.7 |



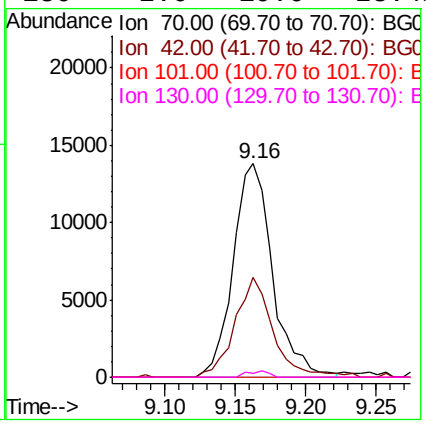


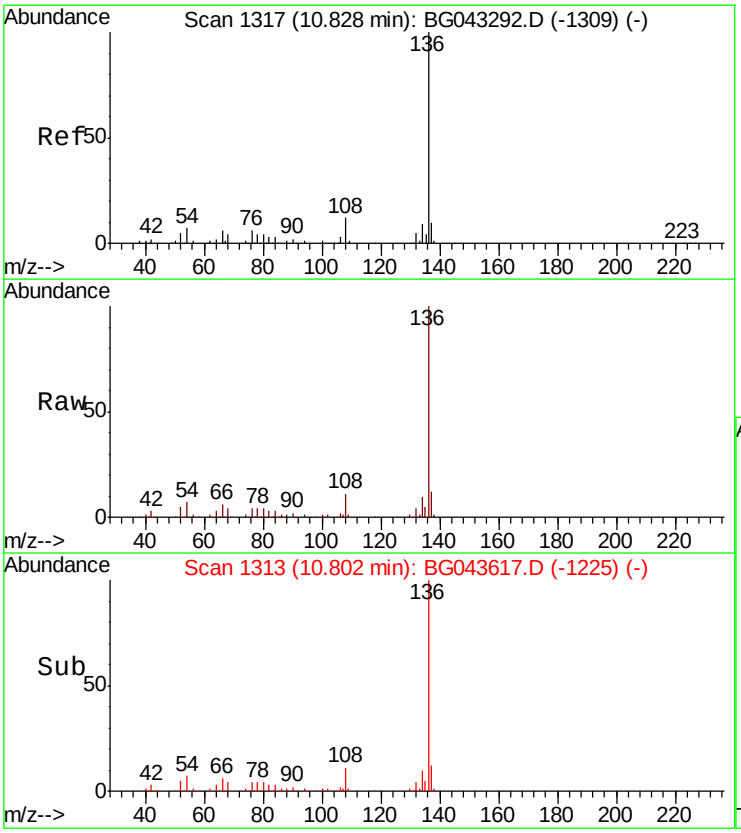

#19
n-Nitroso-di-n-propylamine
Concen: 16.088 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG043617.D
Acq: 13 Nov 2019 18:02

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

Tgt Ion: 70 Resp: 26886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 46.7 | 41.4 | 62.2 |
| 101 | 0.0 | 7.9 | 11.9# |
| 130 | 2.0 | 19.0 | 28.4# |

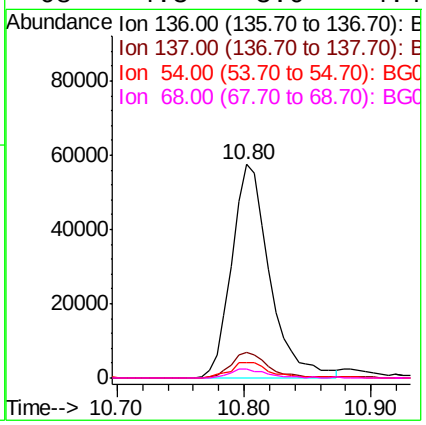


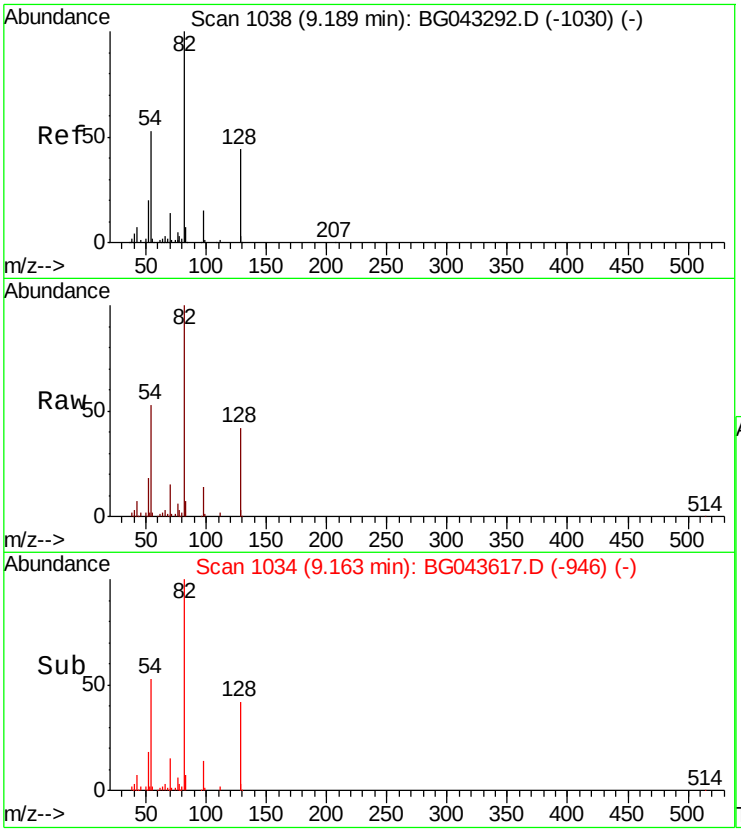




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG043617.D
Acq: 13 Nov 2019 18:02

Tgt Ion:136 Resp: 119633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.2 | 8.7 | 13.1 |
| 54 | 7.1 | 5.4 | 8.2 |
| 68 | 4.3 | 3.0 | 4.4 |



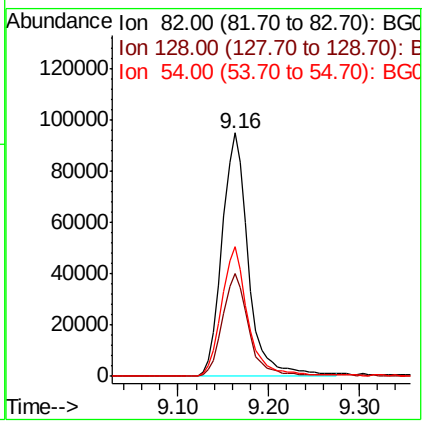


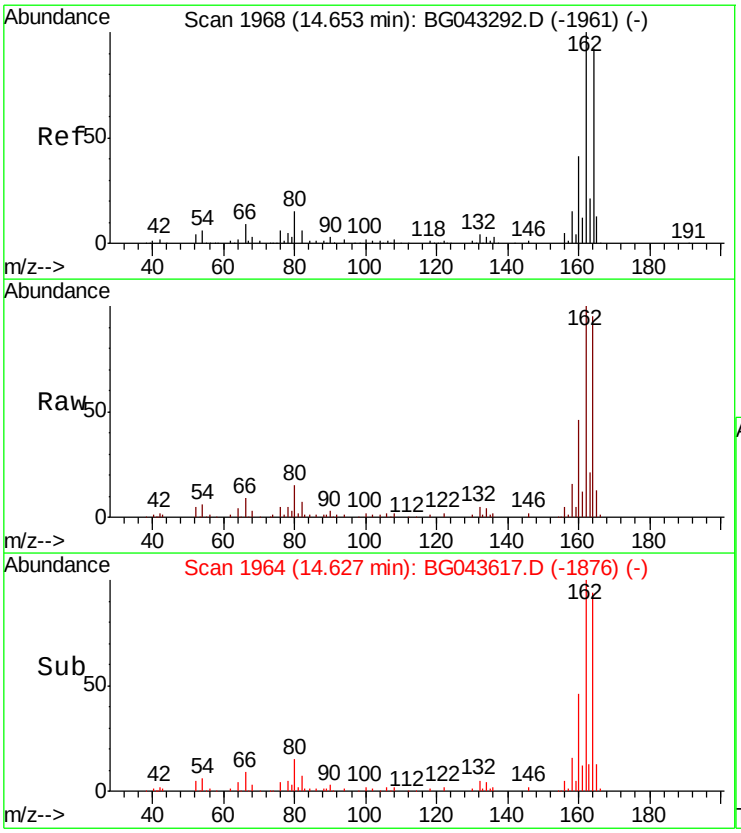

#23
Nitrobenzene-d5
Concen: 82.747 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043617.D
Acq: 13 Nov 2019 18:02

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

Tgt Ion: 82 Resp: 192016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.3 | 35.0 | 52.6 |
| 54 | 53.4 | 40.2 | 60.2 |

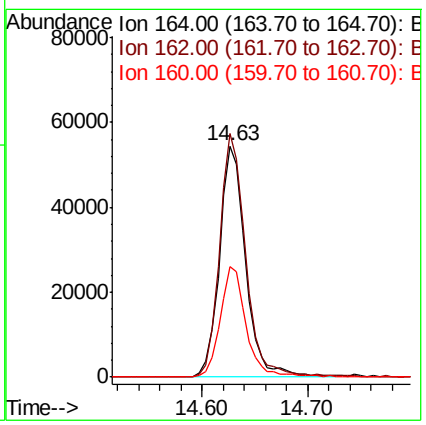


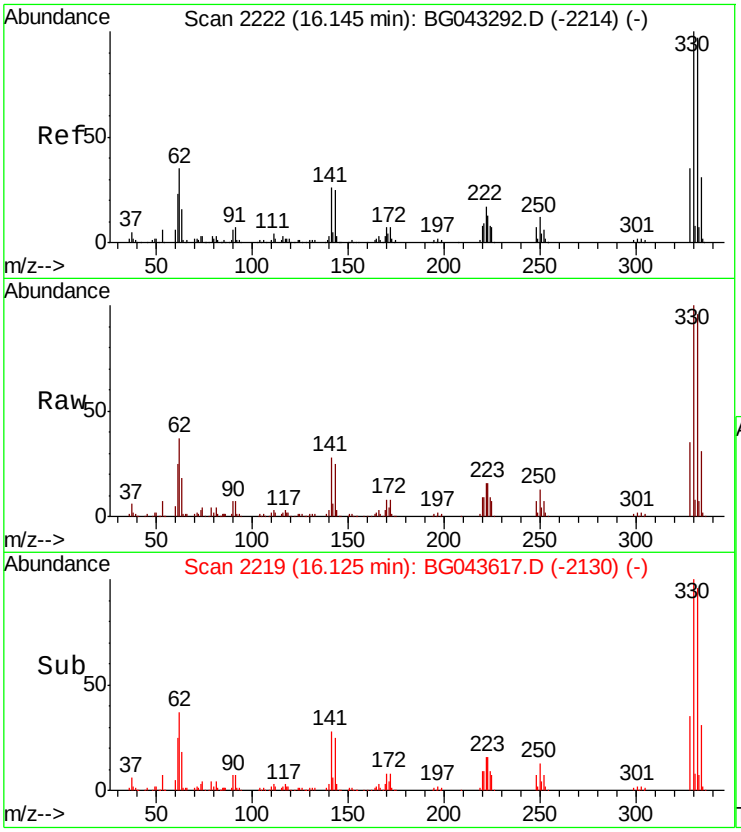




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG043617.D
Acq: 13 Nov 2019 18:02

Tgt Ion:164 Resp: 93457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.2 | 83.5 | 125.3 |
| 160 | 47.9 | 36.5 | 54.7 |



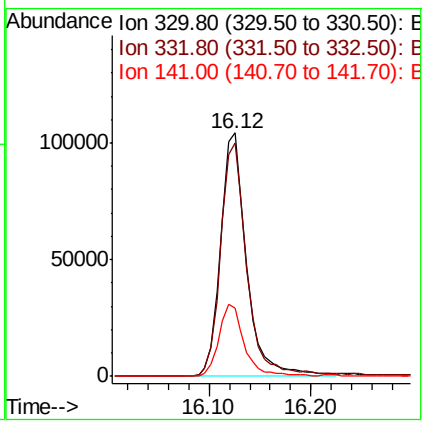


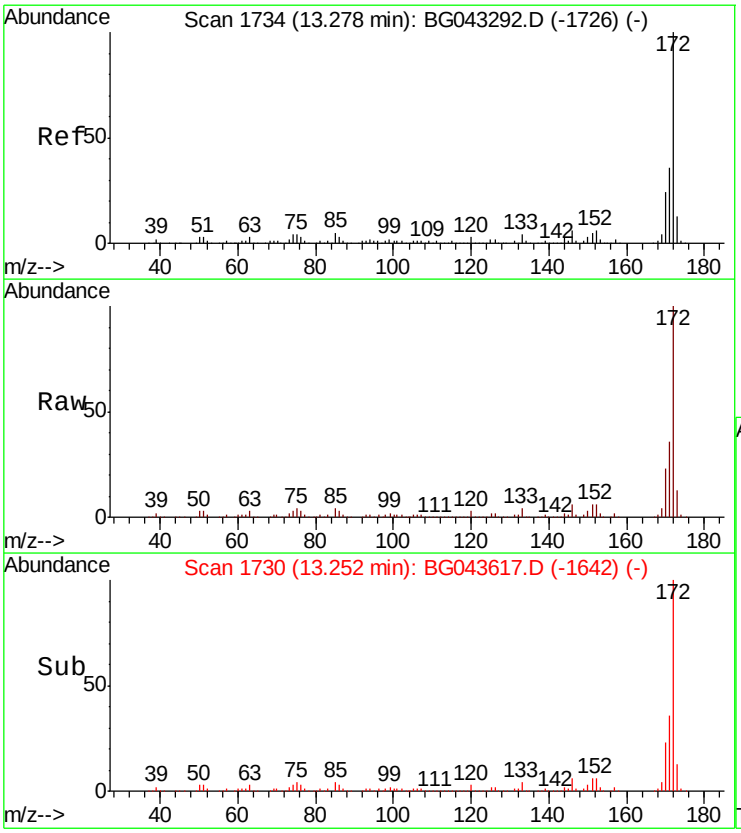

#42
2,4,6-Tribromophenol
Concen: 104.540 ng
RT: 16.12 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BG043617.D
Acq: 13 Nov 2019 18:02

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

Tgt Ion:330 Resp: 185923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.9 | 77.4 | 116.0 |
| 141 | 28.9 | 22.8 | 34.2 |

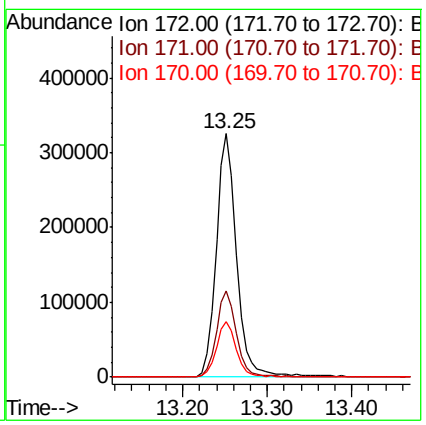


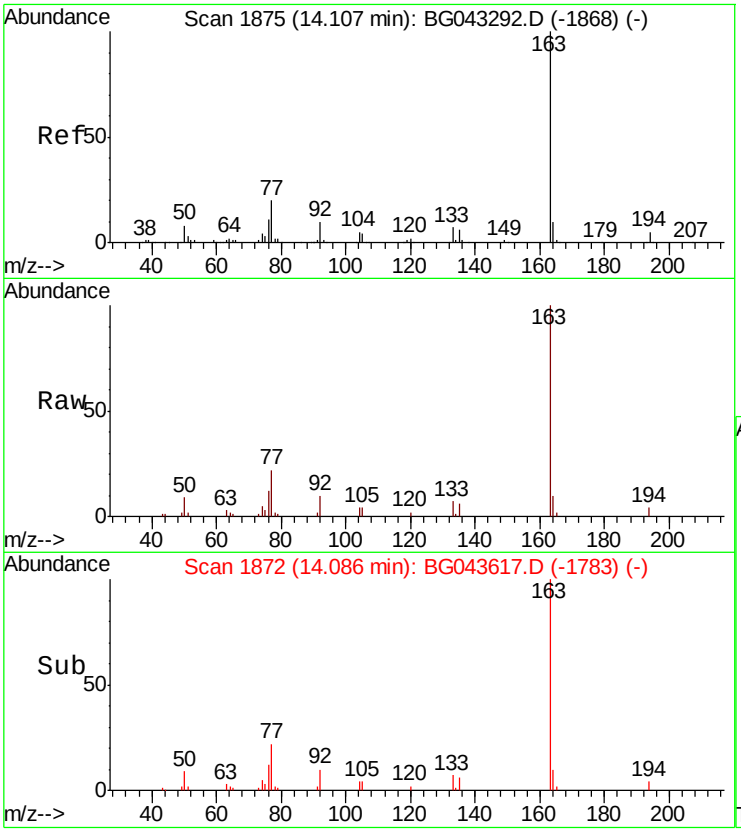




#45
2-Fluorobiphenyl
Concen: 80.796 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG043617.D
Acq: 13 Nov 2019 18:02

Tgt Ion:172 Resp: 546457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.5 | 28.9 | 43.3 |
| 170 | 22.7 | 18.5 | 27.7 |



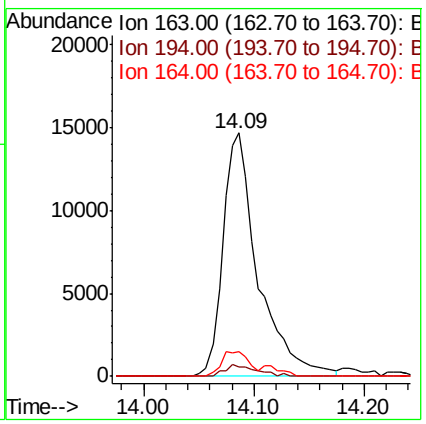


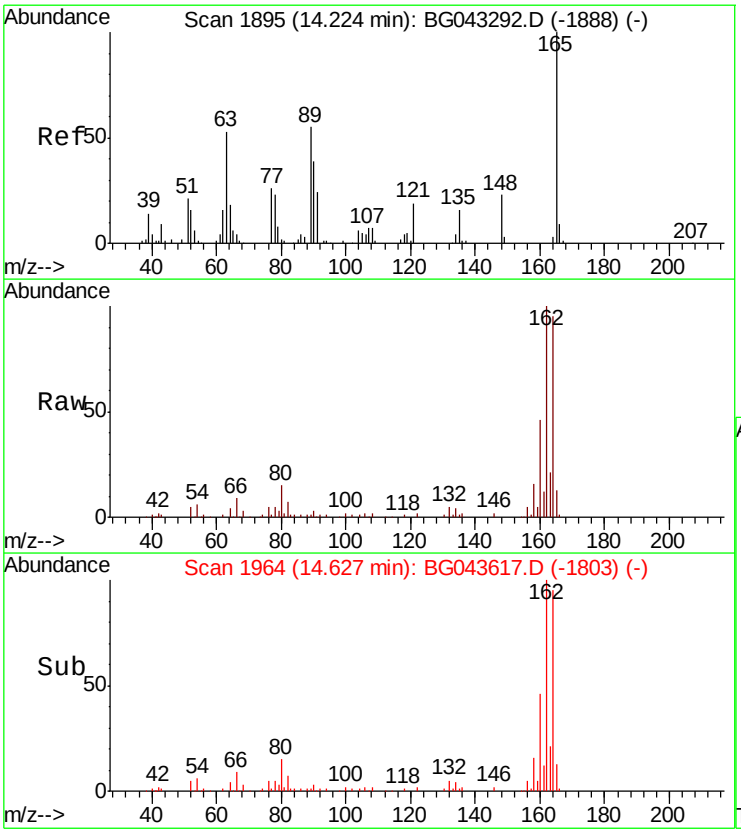

#50
Dimethylphthalate
Concen: 4.498 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043617.D
Acq: 13 Nov 2019 18:02

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

Tgt Ion:163 Resp: 32563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.7 | 3.8 | 5.6# |
| 164 | 10.2 | 8.9 | 13.3 |

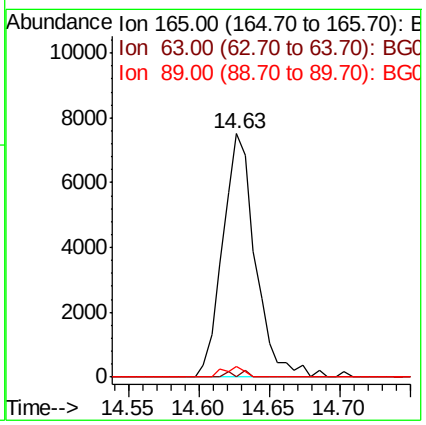


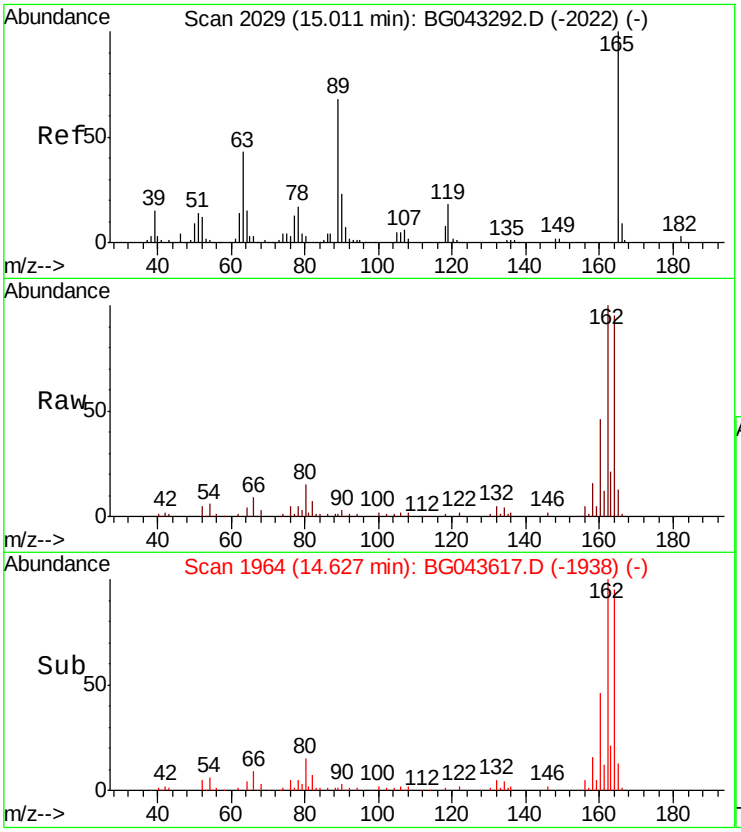




#51
2,6-Dinitrotoluene
Concen: 7.699 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.41 min
Lab File: BG043617.D
Acq: 13 Nov 2019 18:02

Tgt Ion:165 Resp: 12107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 46.6 | 69.8# |
| 89 | 4.3 | 45.1 | 67.7# |



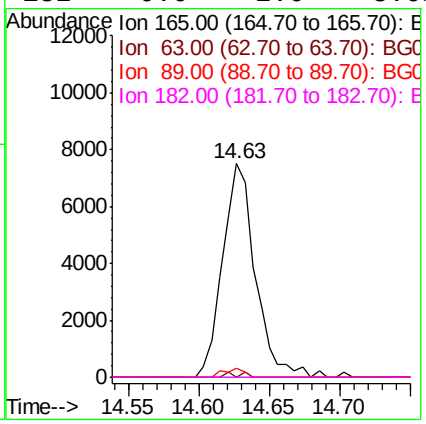


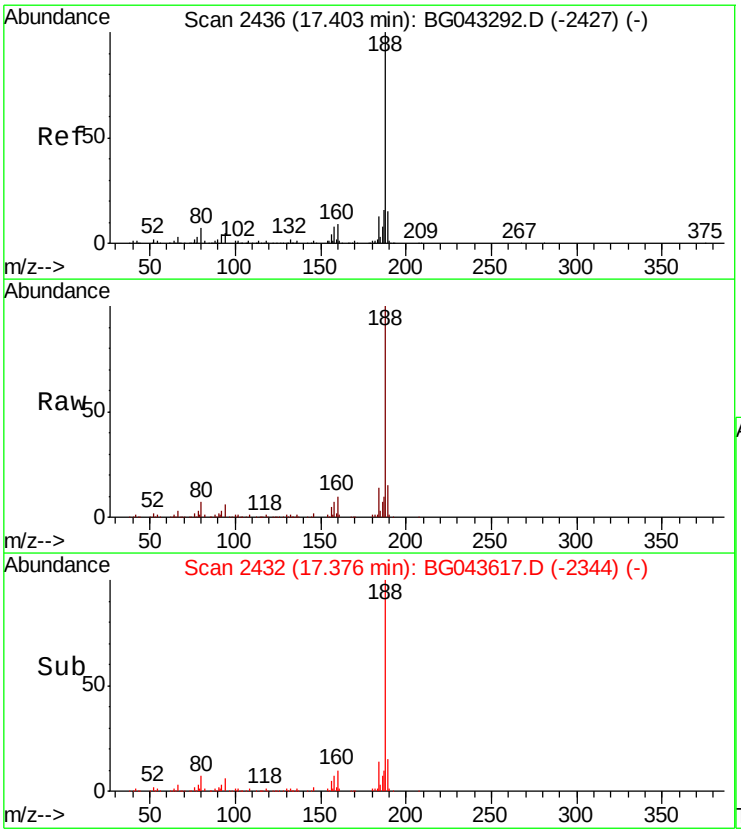

#57
2,4-Dinitrotoluene
Concen: 5.387 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.38 min
Lab File: BG043617.D
Acq: 13 Nov 2019 18:02

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

Tgt Ion:165 Resp: 12107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 33.2 | 49.8# |
| 89 | 4.3 | 52.2 | 78.4# |
| 182 | 0.0 | 2.0 | 3.0# |

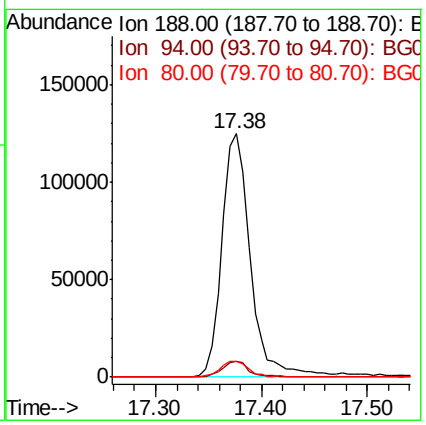


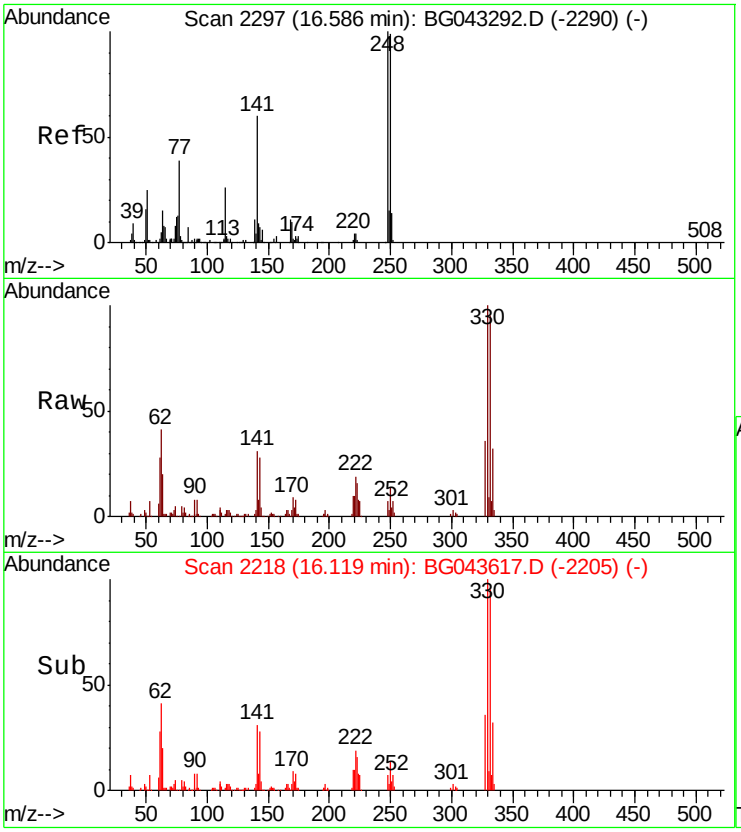




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043617.D
Acq: 13 Nov 2019 18:02

Tgt Ion:188 Resp: 233340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.3 | 4.2 | 6.4 |
| 80 | 6.7 | 4.5 | 6.7# |



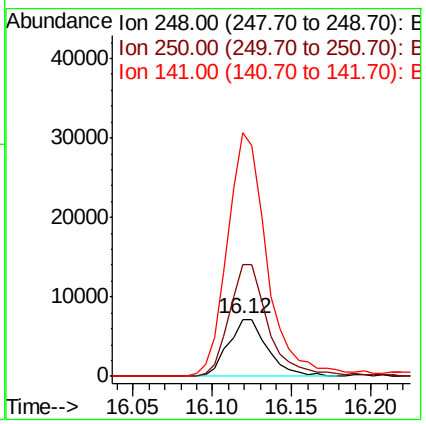


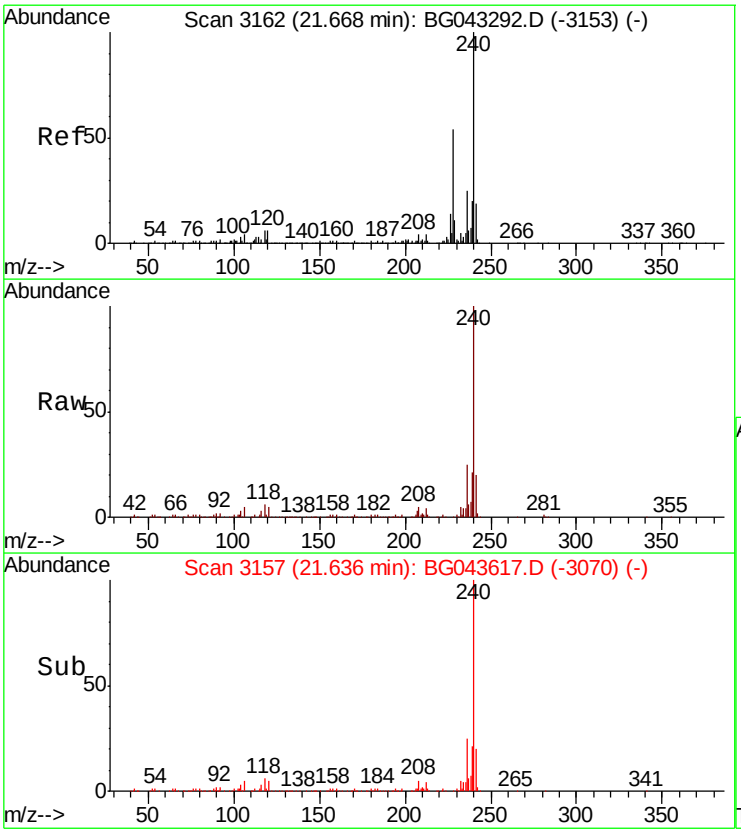

#67
4-Bromophenyl-phenylether
Concen: 3.921 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.45 min
Lab File: BG043617.D
Acq: 13 Nov 2019 18:02

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

Tgt Ion:248 Resp: 12314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 197.6 | 77.0 | 115.4# |
| 141 | 428.4 | 47.5 | 71.3# |

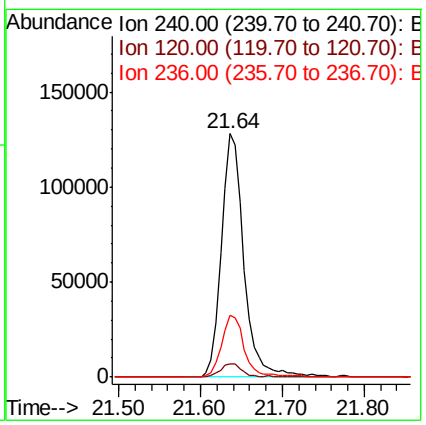


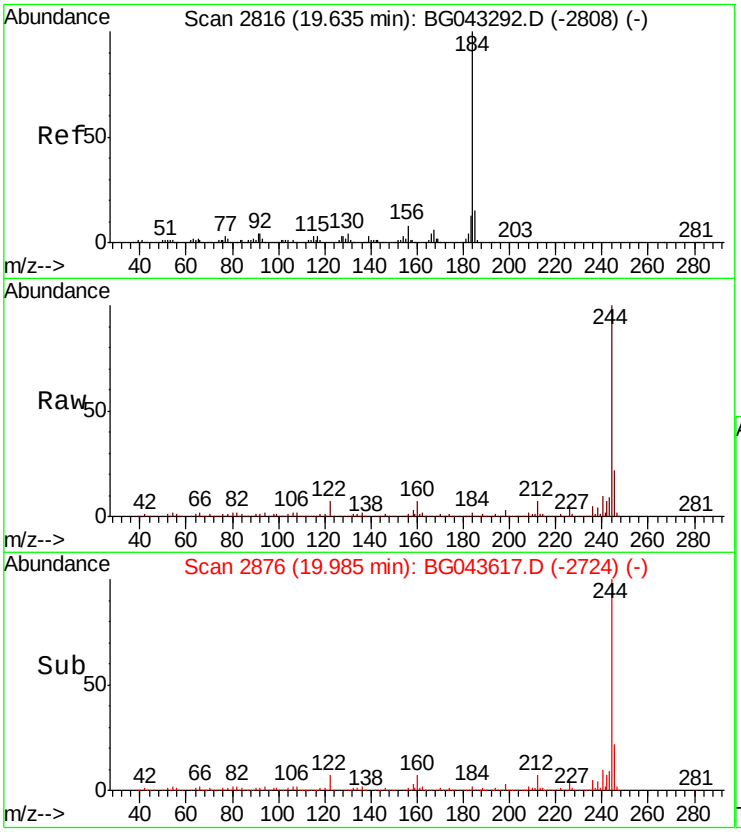




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.02 min
Lab File: BG043617.D
Acq: 13 Nov 2019 18:02

Tgt Ion:240 Resp: 245375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.4 | 4.6 | 6.8 |
| 236 | 25.3 | 19.8 | 29.8 |



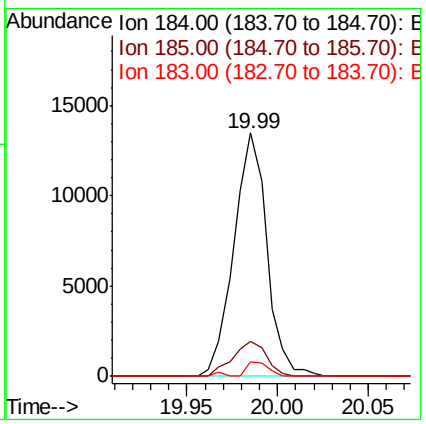


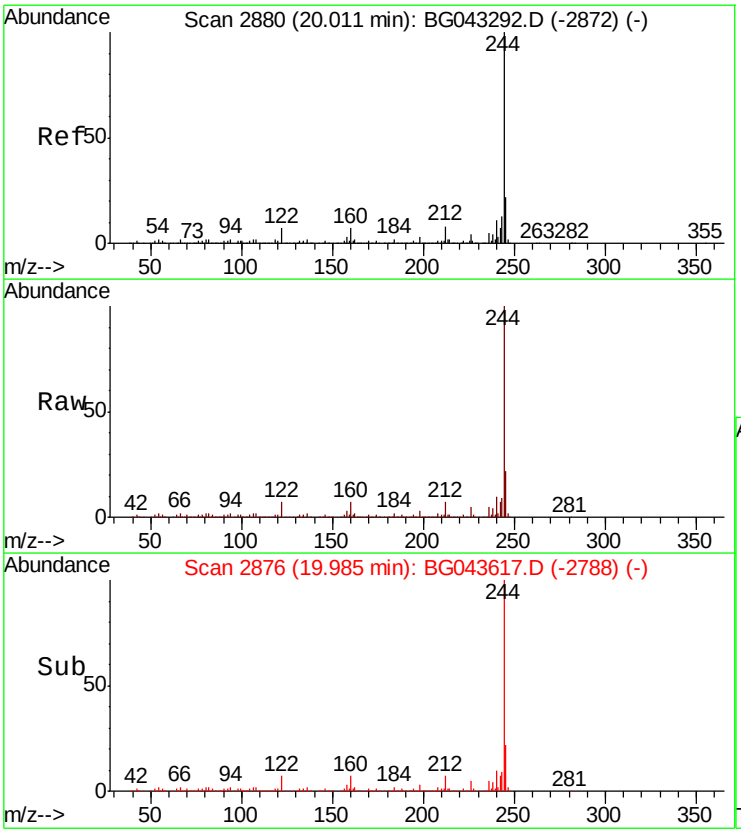

#77
Benzidine
Concen: 3.451 ng
RT: 19.99 min Scan# 2876
Delta R.T. 0.36 min
Lab File: BG043617.D
Acq: 13 Nov 2019 18:02

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

Tgt Ion:184 Resp: 17044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.4 | 11.0 | 16.4 |
| 183 | 5.9 | 10.0 | 15.0# |

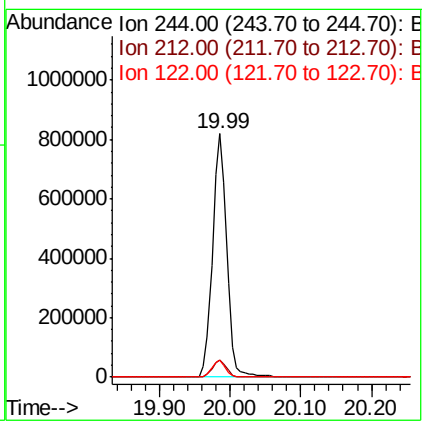


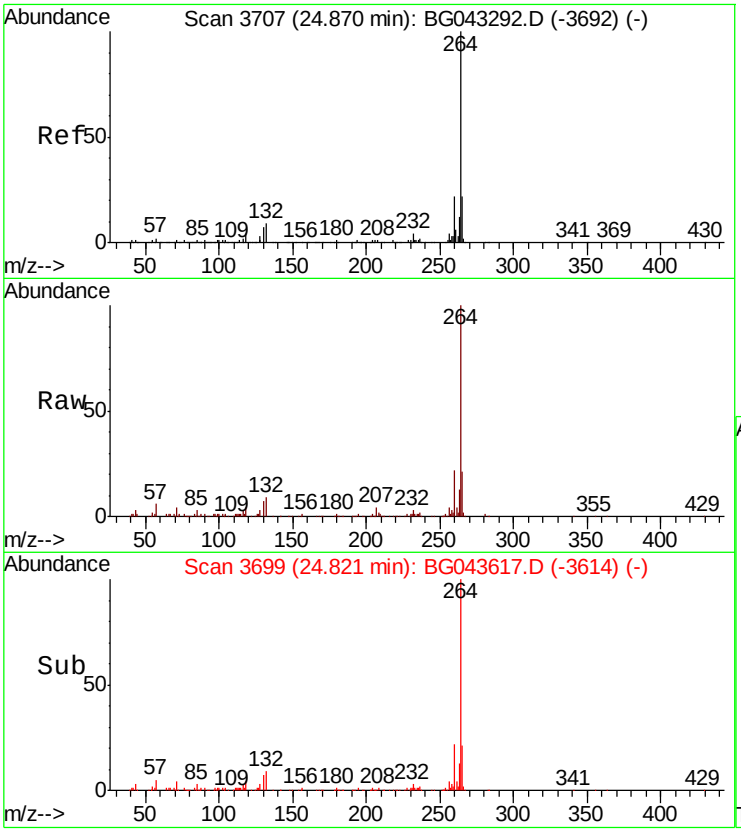




#79
Terphenyl-d14
Concen: 87.954 ng
RT: 19.99 min Scan# 2876
Delta R.T. -0.01 min
Lab File: BG043617.D
Acq: 13 Nov 2019 18:02

Tgt Ion:244 Resp: 1150370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.1 | 5.8 | 8.6 |
| 122 | 6.8 | 5.4 | 8.2 |






#87
Perylene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.03 min
Lab File: BG043617.D
Acq: 13 Nov 2019 18:02

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

Tgt Ion:264 Resp: 296984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 21.7 | 17.5 | 26.3 |
| 265 | 20.8 | 17.4 | 26.0 |