Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043635.D
Acq On : 14 Nov 2019 15:56
Operator : JU
Sample : K5826-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** TP-14B-S

Quant Time: Nov 15 00:58:31 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 | 8.00 | 152 | 33258 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 10.80 | 136 | 125024 | 20.00 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 14.63 | 164 | 99538 | 20.00 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 17.37 | 188 | 239749 | 20.00 | ng | | -0.02 |
| 76) Chrysene-d12 | 21.63 | 240 | 255301 | 20.00 | ng | | -0.02 |
| 87) Perylene-d12 | 24.82 | 264 | 299031 | 20.00 | ng | | -0.03 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.59 | 112 | 236098 | 130.09 | ng | | 0.00 |
| 7) Phenol-d6 | 7.20 | 99 | 336153 | 128.73 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.16 | 82 | 201521 | 83.10 | ng | | -0.02 |
| 42) 2,4,6-Tribromophenol | 16.12 | 330 | 203888 | 107.64 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 13.25 | 172 | 565460 | 78.50 | ng | | -0.02 |
| 79) Terphenyl-d14 | 19.98 | 244 | 1086431 | 79.84 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 7.23 | 94 | 20227 | 8.477 | ng | | 93 |
| 19) n-Nitroso-di-n-propylamine | 9.16 | 70 | 28079 | 16.641 | ng | # | 79 |
| 32) Benzoic acid | 10.52 | 122 | 55 | 9.085 | ng | # | 1 |
| 50) Dimethylphthalate | 14.08 | 163 | 73015 | 9.470 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 14.62 | 165 | 13479 | 5.631 | ng | # | 27 |
| 67) 4-Bromophenyl-phenylether | 16.12 | 248 | 13542 | 4.197 | ng | # | 1 |
| 77) Benzidine | 19.98 | 184 | 15884 | 3.091 | ng | # | 90 |

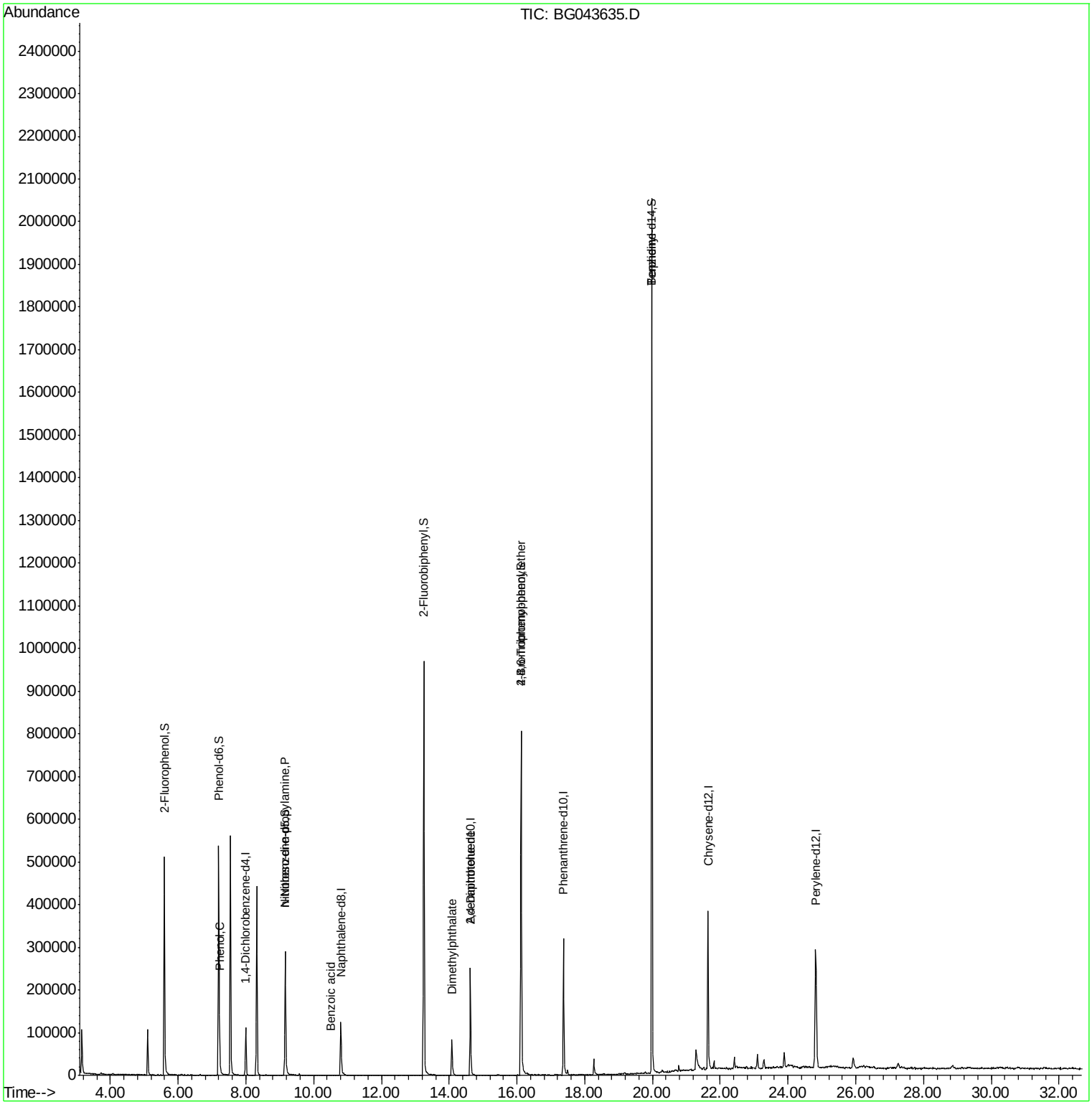
(#) = qualifier out of range (m) = manual integration (+) = signals summed

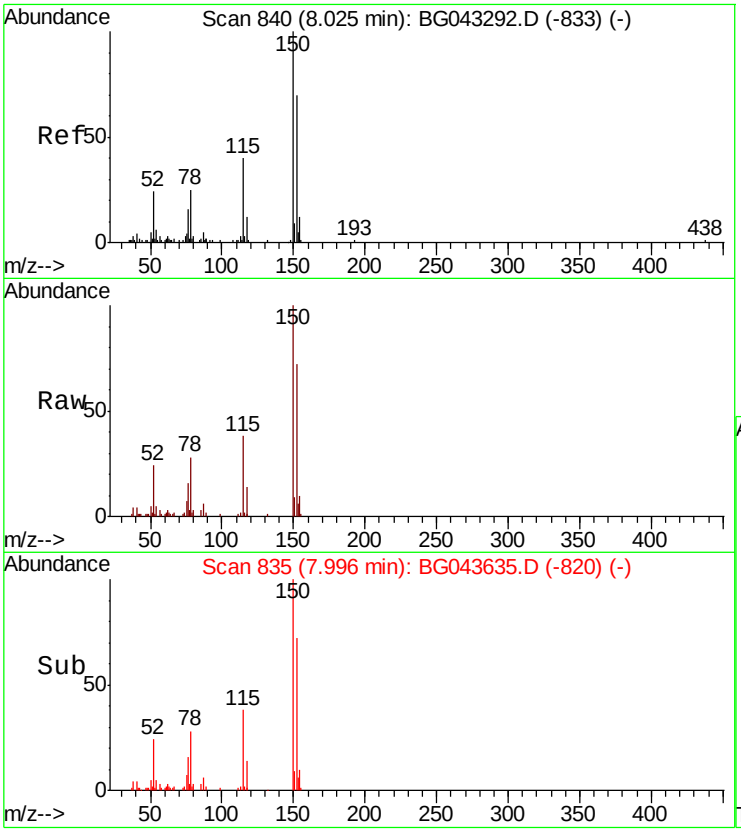
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043635.D
Acq On : 14 Nov 2019 15:56
Operator : JU
Sample : K5826-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** TP-14B-S

Quant Time: Nov 15 00:58:31 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



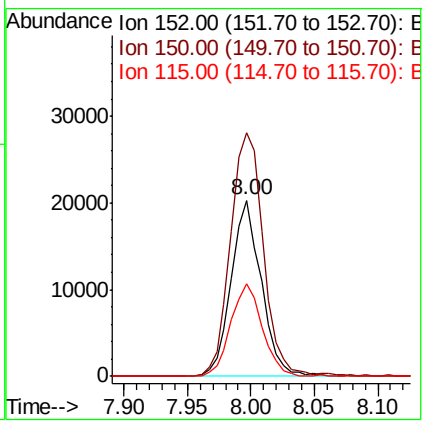


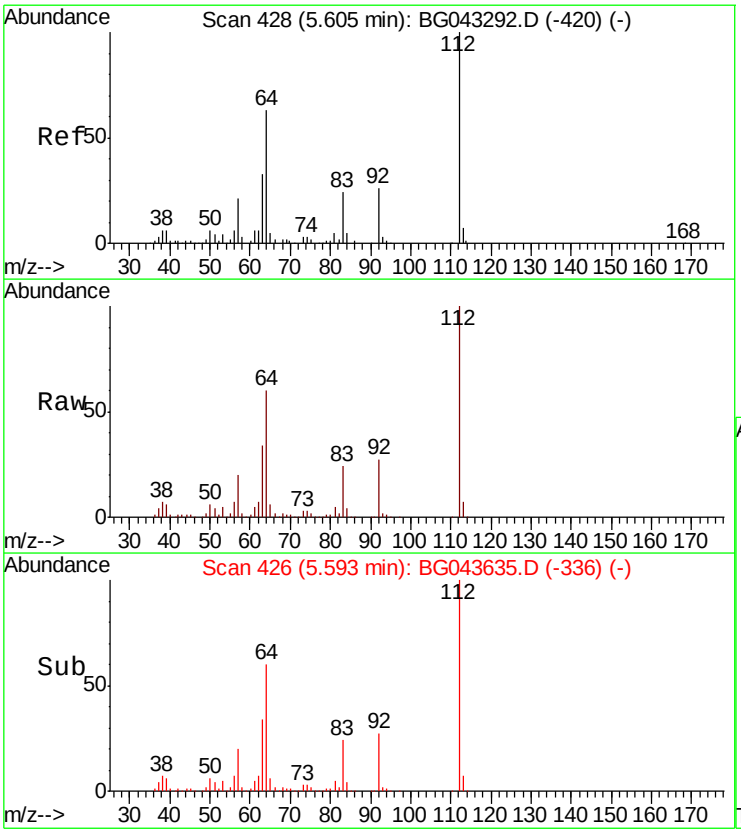

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043635.D
Acq: 14 Nov 2019 15:56

**Instrument :**
BNA_G
**ClientSampleId :**
TP-14B-S

Tgt Ion:152 Resp: 33258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 138.1 | 129.4 | 194.0 |
| 115 | 52.4 | 48.8 | 73.2 |

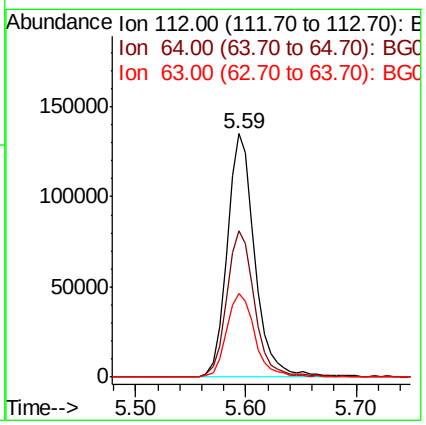


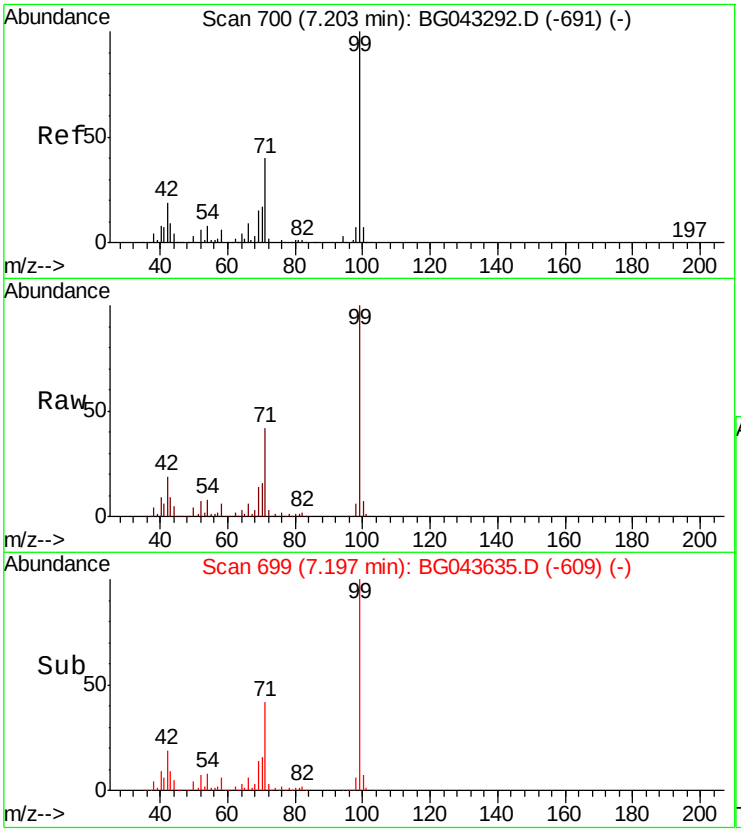




#5
2-Fluorophenol
Concen: 130.085 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG043635.D
Acq: 14 Nov 2019 15:56

Tgt Ion:112 Resp: 236098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 60.0 | 50.0 | 75.0 |
| 63 | 34.4 | 26.6 | 40.0 |



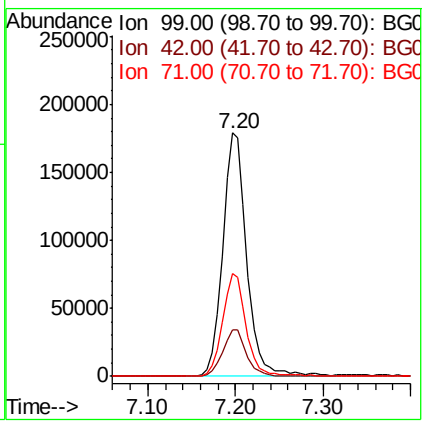


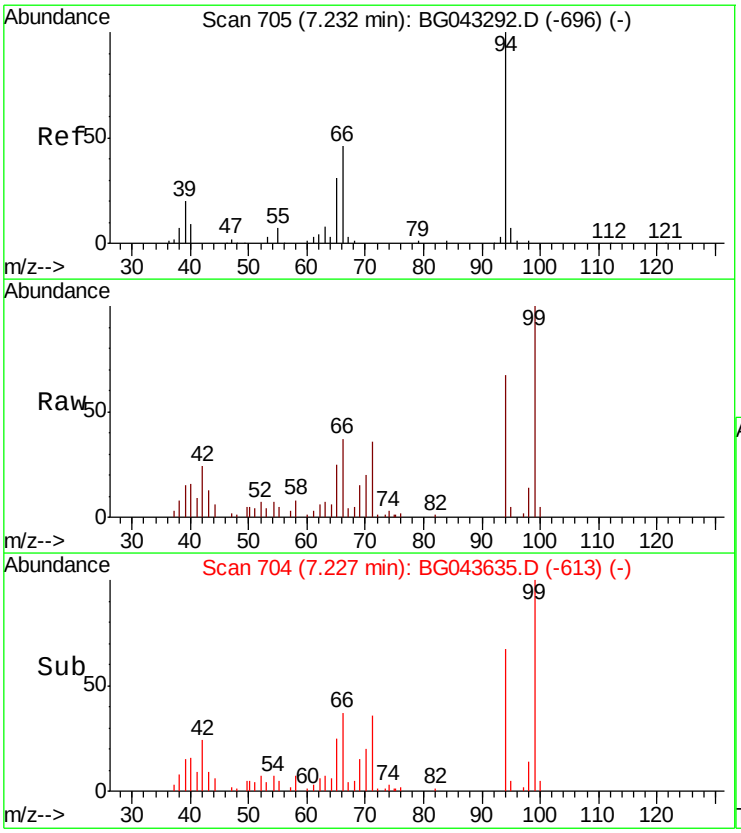

#7
Phenol-d6
Concen: 128.731 ng
RT: 7.20 min Scan# 699
Delta R.T. 0.00 min
Lab File: BG043635.D
Acq: 14 Nov 2019 15:56

**Instrument :**
BNA_G
**ClientSampleId :**
TP-14B-S

Tgt Ion: 99 Resp: 336153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.2 | 14.6 | 21.8 |
| 71 | 42.3 | 32.5 | 48.7 |

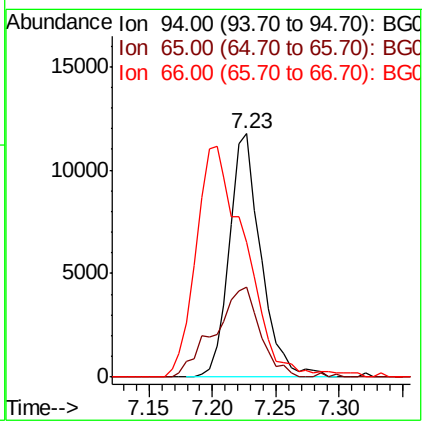


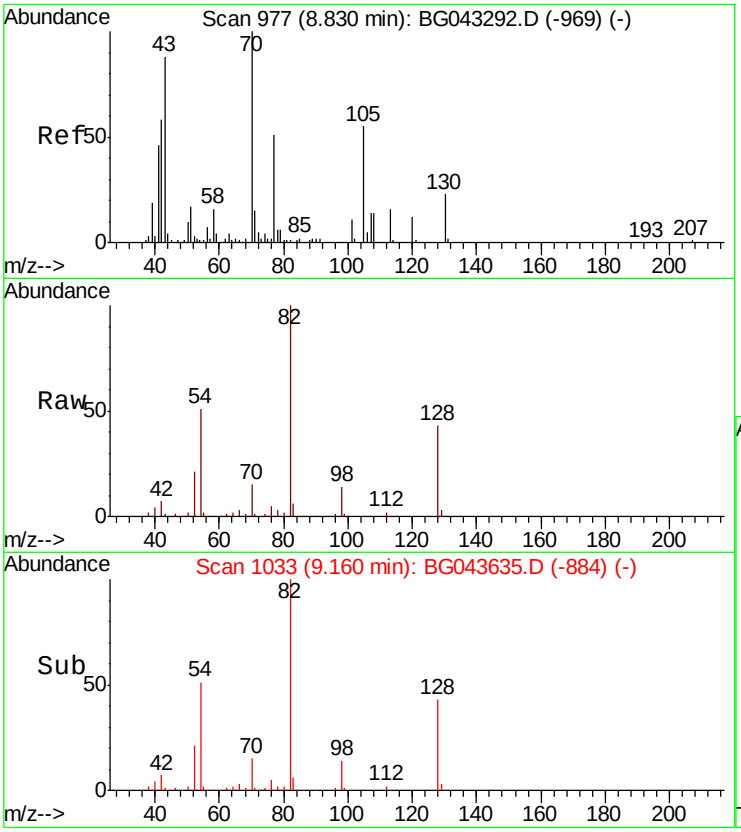




#10
Phenol
Concen: 8.477 ng
RT: 7.23 min Scan# 704
Delta R.T. 0.01 min
Lab File: BG043635.D
Acq: 14 Nov 2019 15:56

Tgt Ion: 94 Resp: 20227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 37.2 | 12.6 | 52.6 |
| 66 | 55.6 | 30.7 | 70.7 |



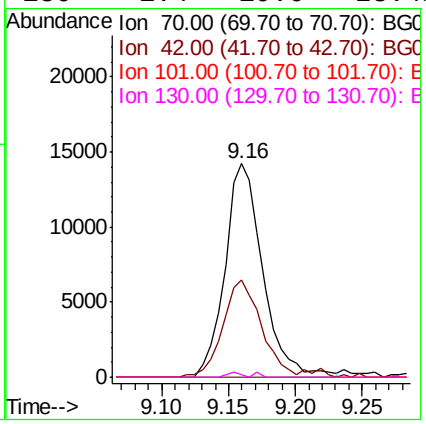


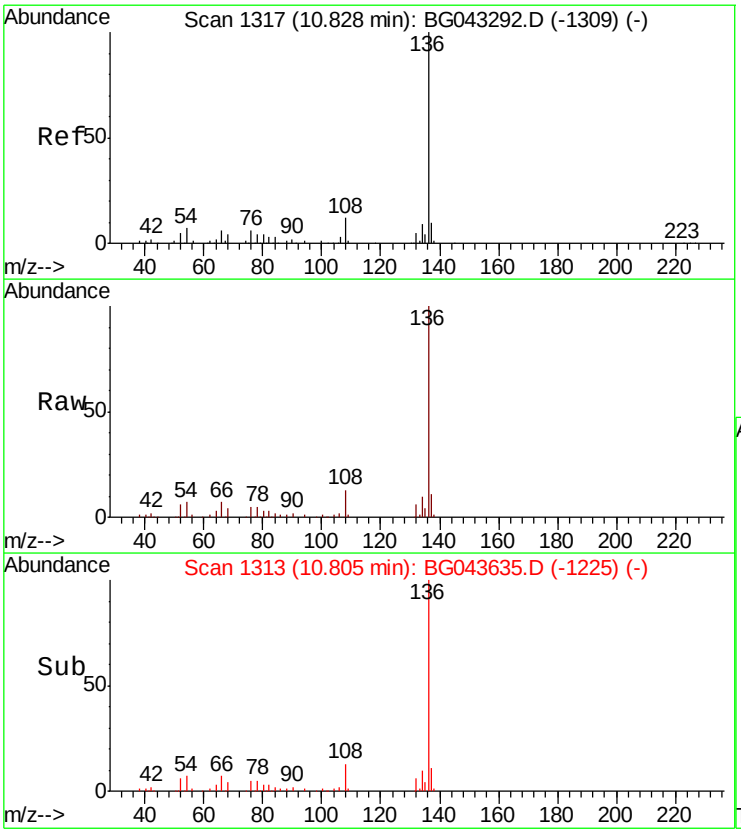

#19
n-Nitroso-di-n-propylamine
Concen: 16.641 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.35 min
Lab File: BG043635.D
Acq: 14 Nov 2019 15:56

**Instrument :**
BNA_G
**ClientSampleId :**
TP-14B-S

Tgt Ion: 70 Resp: 28079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 45.7 | 41.4 | 62.2 |
| 101 | 0.0 | 7.9 | 11.9# |
| 130 | 1.4 | 19.0 | 28.4# |

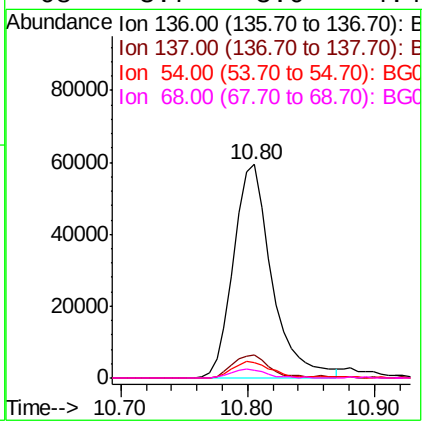


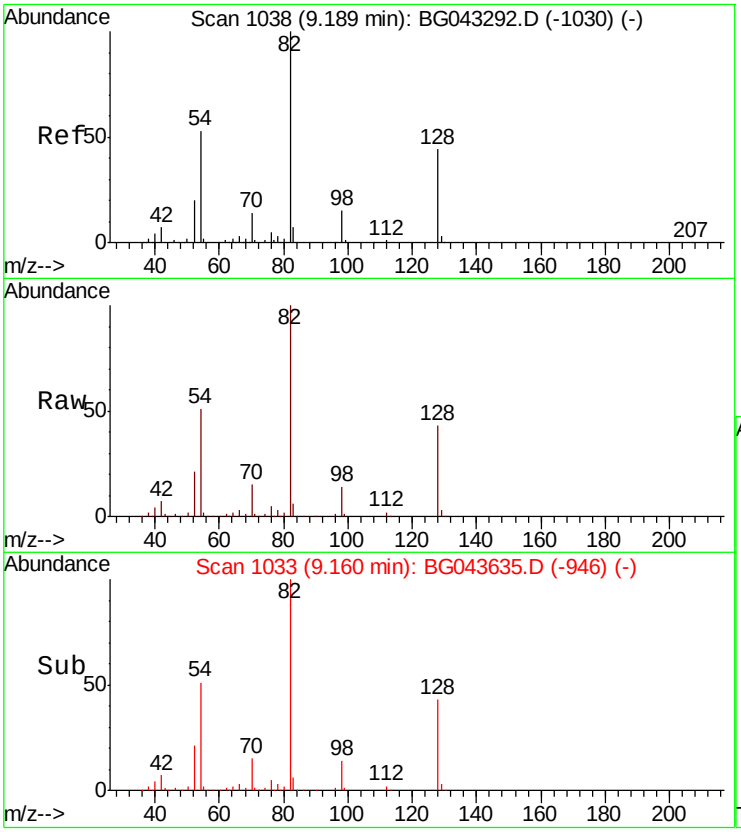




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG043635.D
Acq: 14 Nov 2019 15:56

Tgt Ion:136 Resp: 125024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.7 | 13.1 |
| 54 | 7.2 | 5.4 | 8.2 |
| 68 | 3.7 | 3.0 | 4.4 |



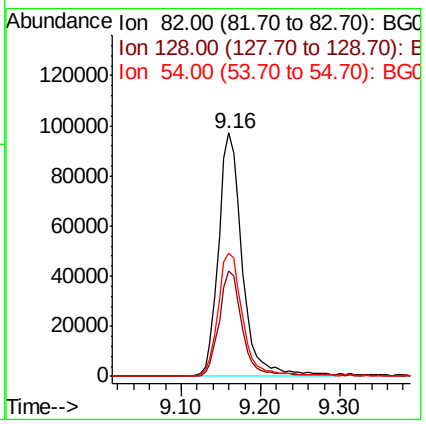


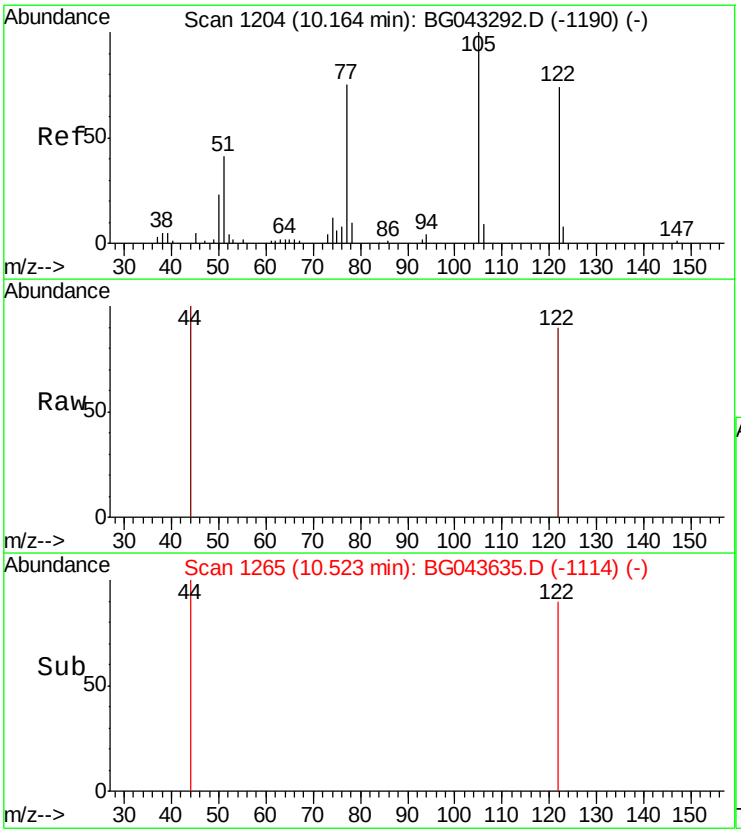

#23
Nitrobenzene-d5
Concen: 83.099 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043635.D
Acq: 14 Nov 2019 15:56

**Instrument :**
BNA_G
**ClientSampleId :**
TP-14B-S

Tgt Ion: 82 Resp: 201521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.1 | 35.0 | 52.6 |
| 54 | 50.9 | 40.2 | 60.2 |

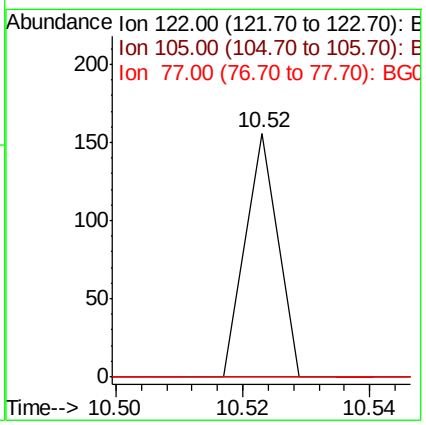


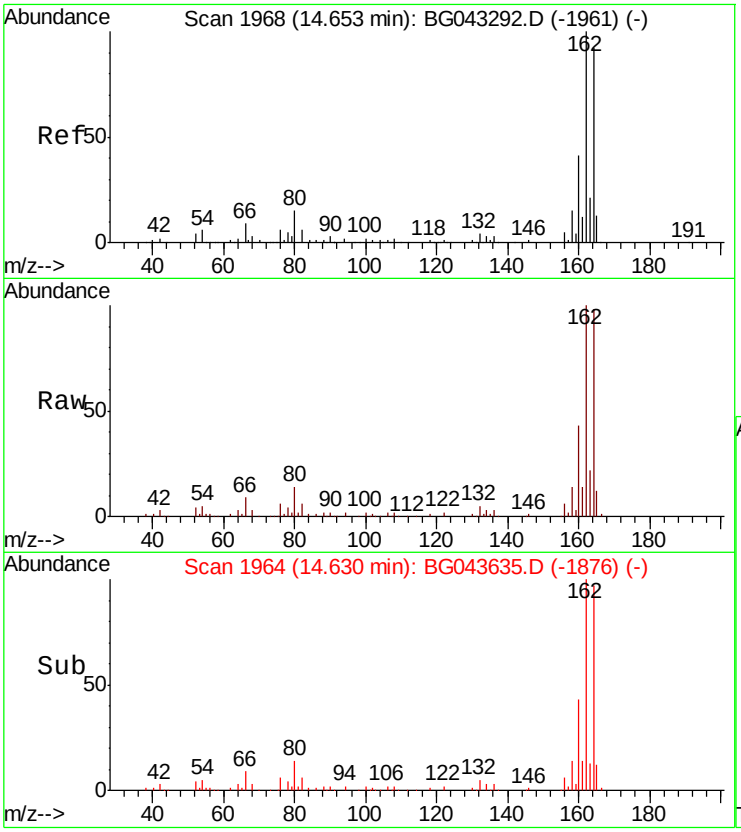




#32
Benzoic acid
Concen: 9.085 ng
RT: 10.52 min Scan# 1265
Delta R.T. 0.36 min
Lab File: BG043635.D
Acq: 14 Nov 2019 15:56

Tgt Ion:122 Resp: 55

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 0.0 | 103.3 | 143.3# |
| 77 | 0.0 | 84.9 | 124.9# |



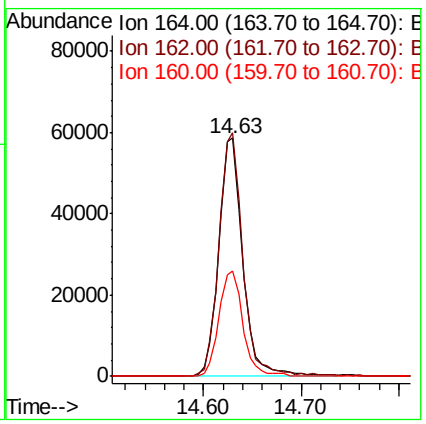


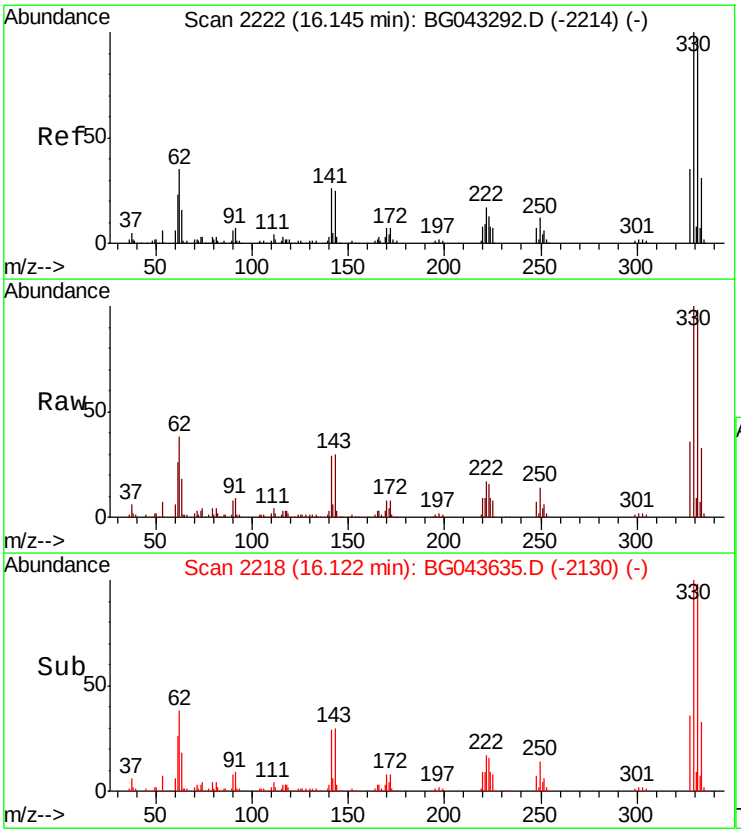

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG043635.D
Acq: 14 Nov 2019 15:56

**Instrument :**
BNA_G
**ClientSampleId :**
TP-14B-S

Tgt Ion:164 Resp: 99538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.2 | 83.5 | 125.3 |
| 160 | 44.1 | 36.5 | 54.7 |

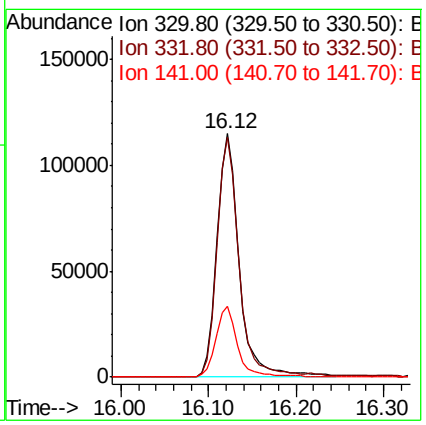


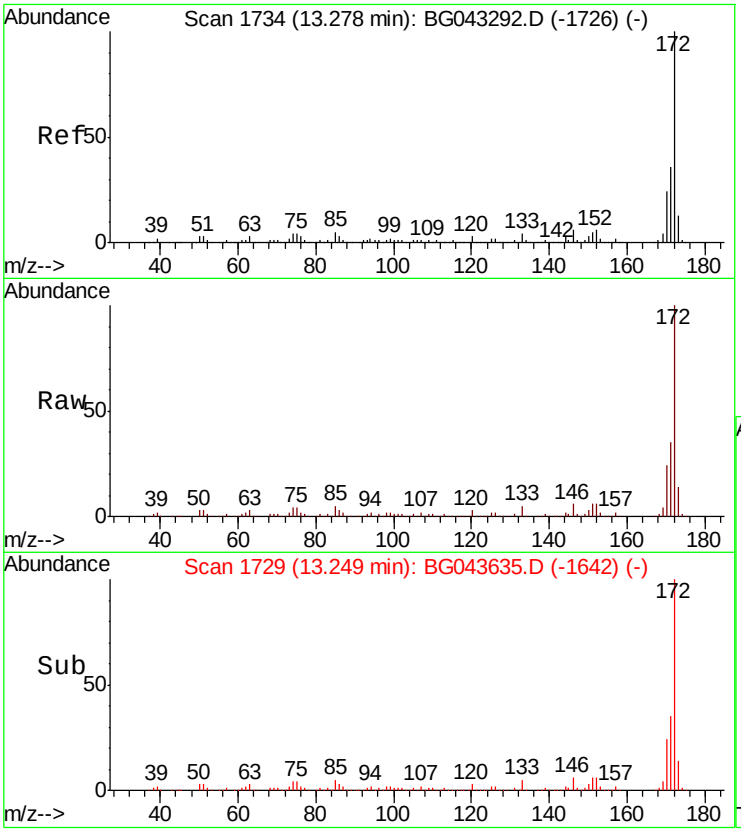




#42
2,4,6-Tribromophenol
Concen: 107.637 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BG043635.D
Acq: 14 Nov 2019 15:56

Tgt Ion:330 Resp: 203888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.8 | 77.4 | 116.0 |
| 141 | 28.2 | 22.8 | 34.2 |



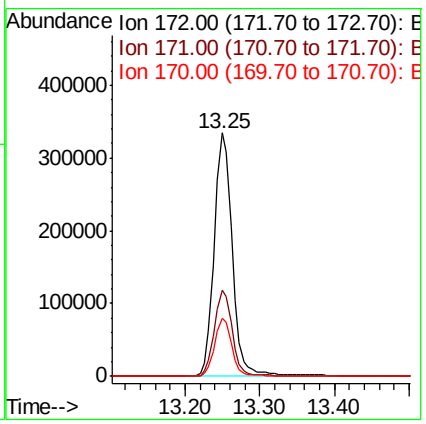


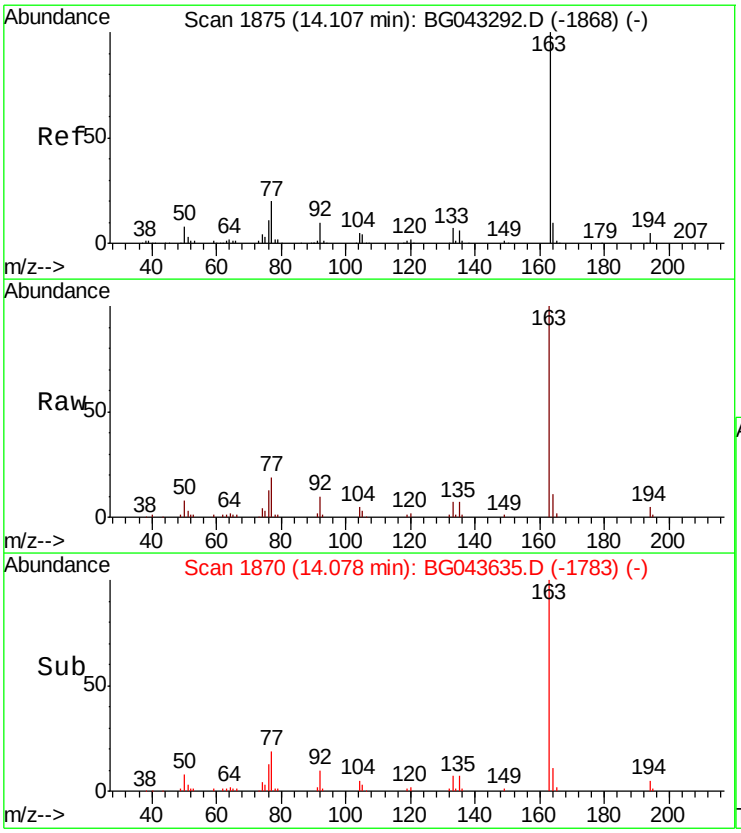

#45
2-Fluorobiphenyl
Concen: 78.498 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG043635.D
Acq: 14 Nov 2019 15:56

**Instrument :**
BNA_G
**ClientSampleId :**
TP-14B-S

Tgt Ion:172 Resp: 565460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.4 | 28.9 | 43.3 |
| 170 | 24.0 | 18.5 | 27.7 |

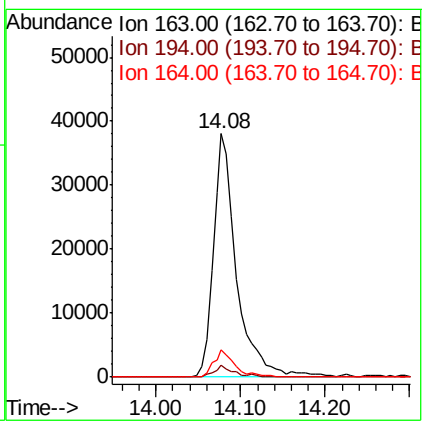


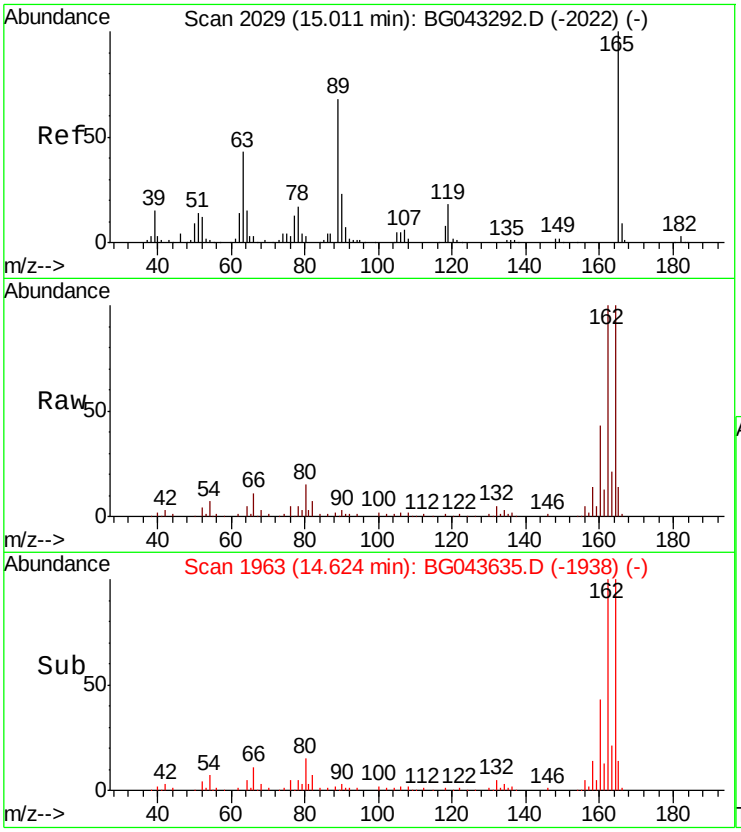




#50
Dimethylphthalate
Concen: 9.470 ng
RT: 14.08 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BG043635.D
Acq: 14 Nov 2019 15:56

Tgt Ion:163 Resp: 73015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 5.1 | 3.8 | 5.6 |
| 164 | 11.3 | 8.9 | 13.3 |



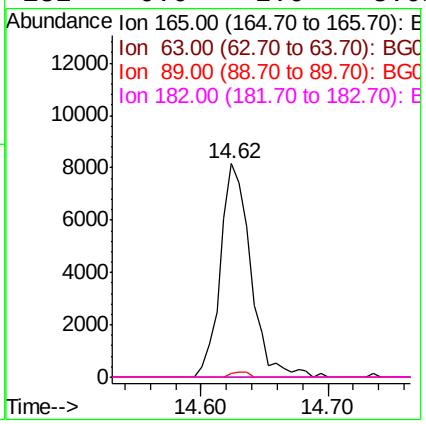


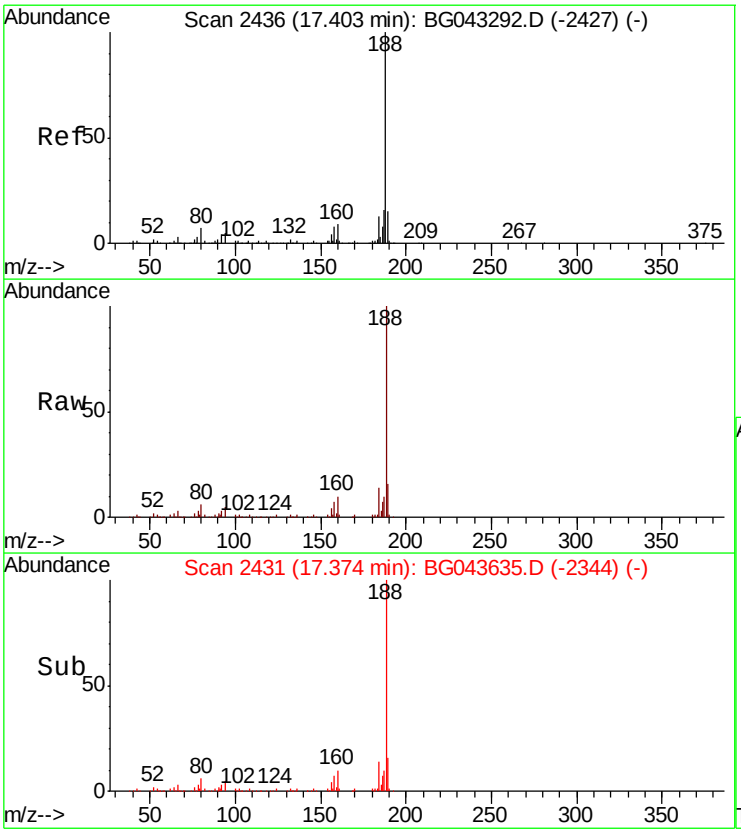

#57
2,4-Dinitrotoluene
Concen: 5.631 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.38 min
Lab File: BG043635.D
Acq: 14 Nov 2019 15:56

**Instrument :**
BNA_G
**ClientSampleId :**
TP-14B-S

Tgt Ion:165 Resp: 13479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 33.2 | 49.8# |
| 89 | 2.1 | 52.2 | 78.4# |
| 182 | 0.0 | 2.0 | 3.0# |

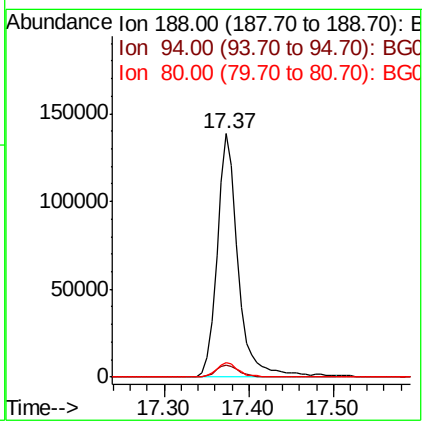


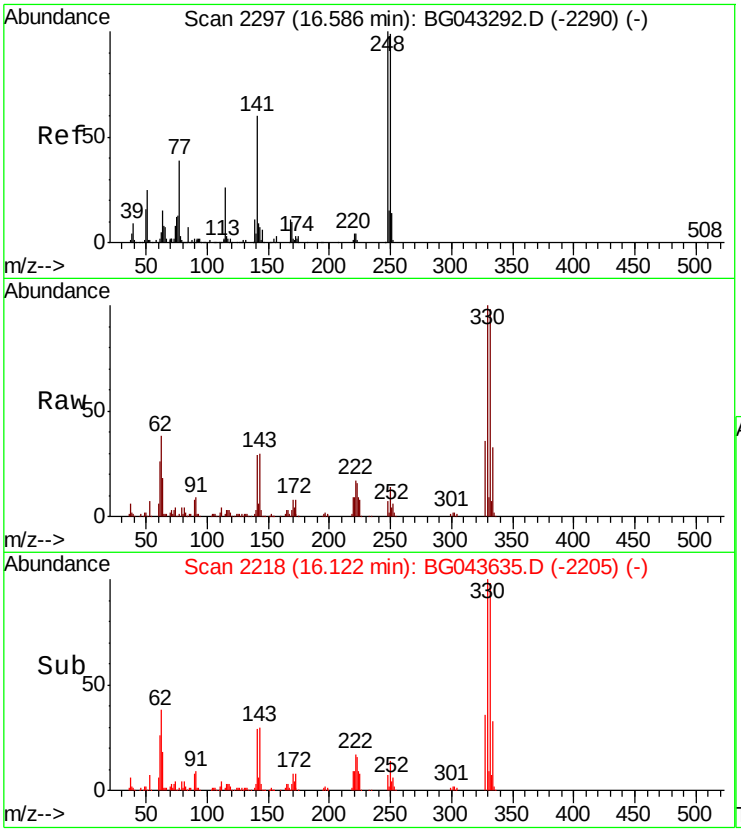




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG043635.D
Acq: 14 Nov 2019 15:56

Tgt Ion:188 Resp: 239749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 5.0 | 4.2 | 6.4 |
| 80 | 5.9 | 4.5 | 6.7 |



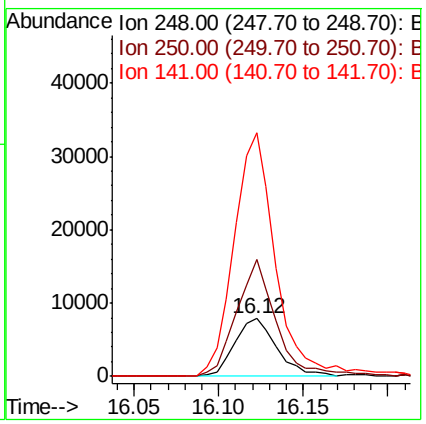


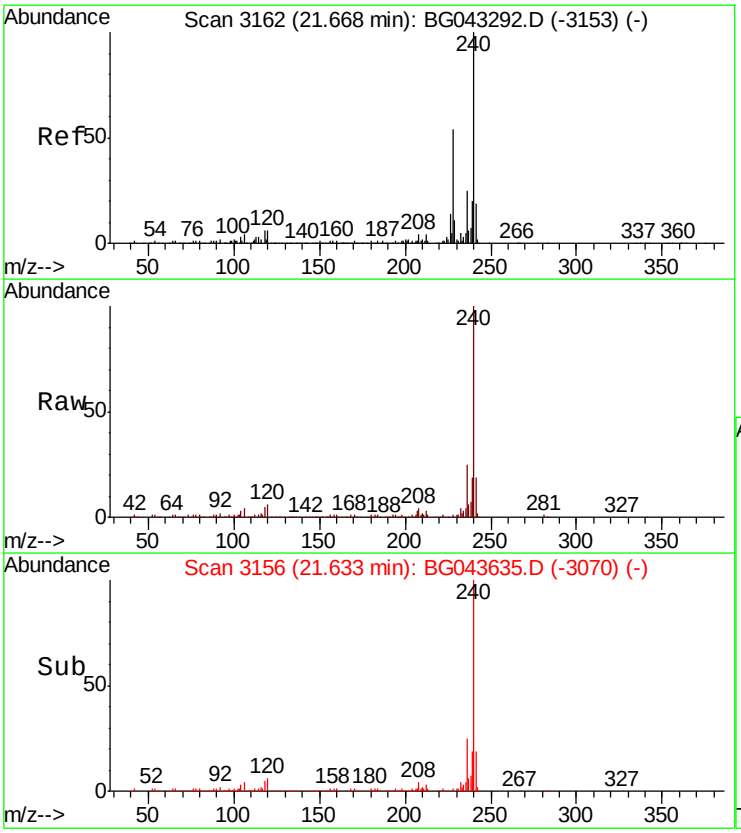

#67
4-Bromophenyl-phenylether
Concen: 4.197 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.45 min
Lab File: BG043635.D
Acq: 14 Nov 2019 15:56

**Instrument :**
BNA_G
**ClientSampleId :**
TP-14B-S

Tgt Ion:248 Resp: 13542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 203.4 | 77.0 | 115.4# |
| 141 | 422.0 | 47.5 | 71.3# |

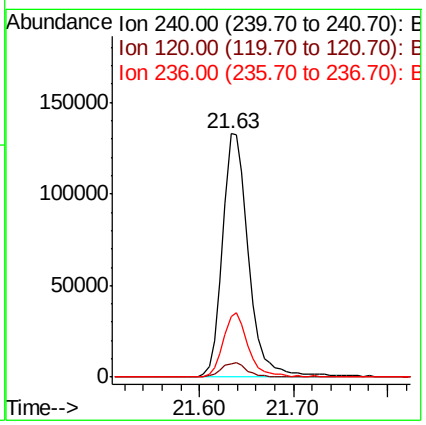


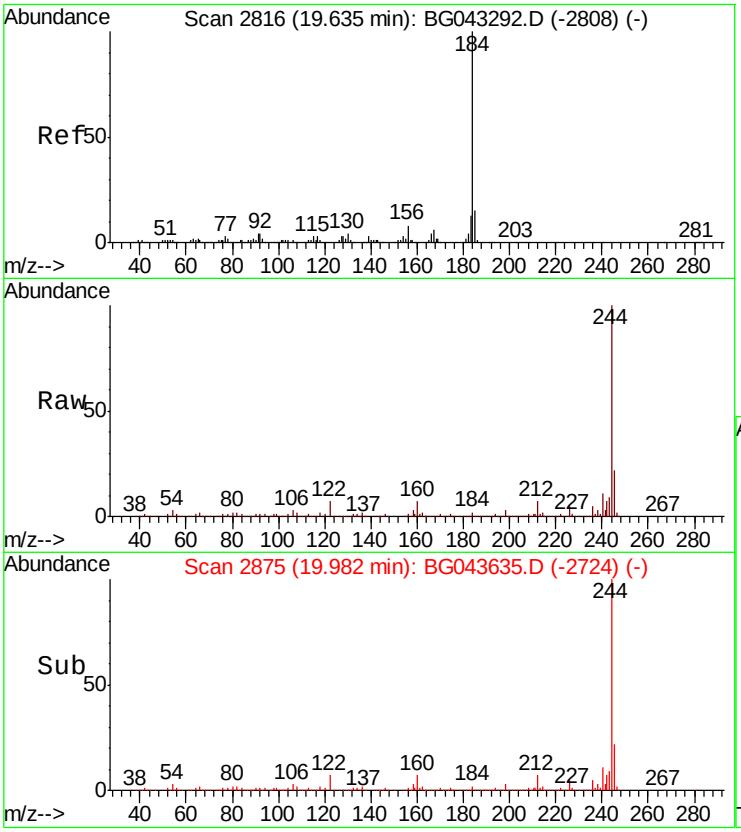




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.02 min
Lab File: BG043635.D
Acq: 14 Nov 2019 15:56

Tgt Ion:240 Resp: 255301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.6 | 4.6 | 6.8 |
| 236 | 25.0 | 19.8 | 29.8 |



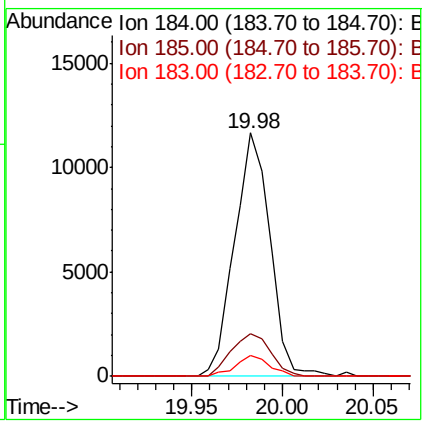


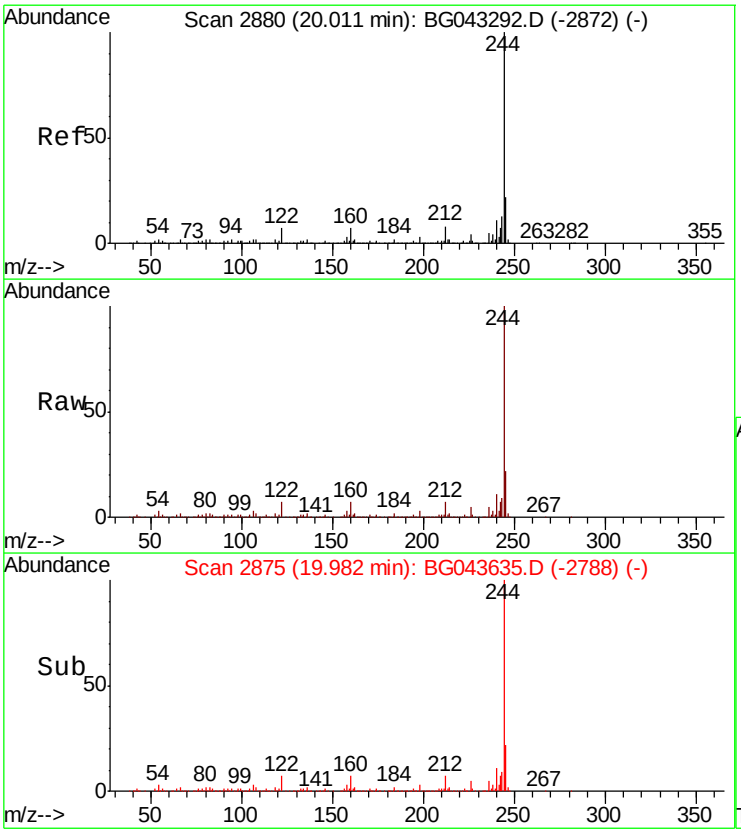

#77
Benzidine
Concen: 3.091 ng
RT: 19.98 min Scan# 2875
Delta R.T. 0.36 min
Lab File: BG043635.D
Acq: 14 Nov 2019 15:56

**Instrument :**
BNA_G
**ClientSampleId :**
TP-14B-S

Tgt Ion:184 Resp: 15884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 17.6 | 11.0 | 16.4# |
| 183 | 8.5 | 10.0 | 15.0# |

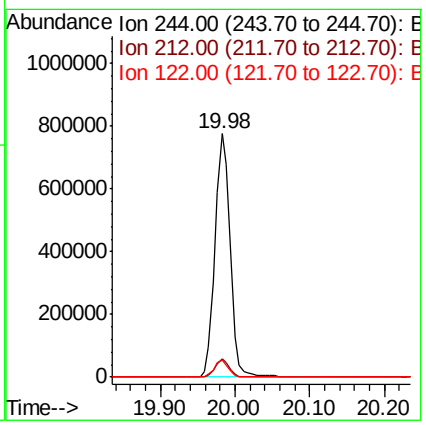


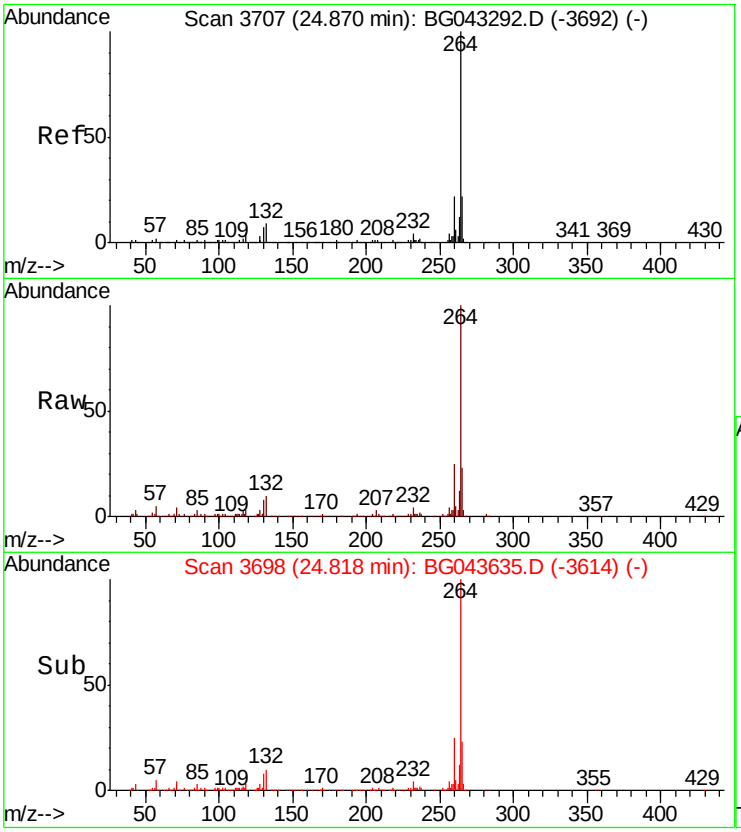




#79
Terphenyl-d14
Concen: 79.835 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.02 min
Lab File: BG043635.D
Acq: 14 Nov 2019 15:56

Tgt Ion:244 Resp: 1086431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.5 | 5.8 | 8.6 |
| 122 | 6.8 | 5.4 | 8.2 |






#87
Perylene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.03 min
Lab File: BG043635.D
Acq: 14 Nov 2019 15:56

**Instrument :**
BNA_G
**ClientSampleId :**
TP-14B-S

Tgt Ion:264 Resp: 299031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.7 | 17.5 | 26.3 |
| 265 | 22.5 | 17.4 | 26.0 |