Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040844.D
Acq On : 10 May 2019 10:17
Operator : HP/JU
Sample : K2764-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: May 10 15:15:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.14 | 152 | 58996 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 10.97 | 136 | 242326 | 20.00 | ng | | -0.02 |
| 39) Acenaphthene-d10 | 14.77 | 164 | 181582 | 20.00 | ng | | -0.02 |
| 64) Phenanthrene-d10 | 17.51 | 188 | 420041 | 20.00 | ng | | -0.02 |
| 76) Chrysene-d12 | 21.80 | 240 | 407003 | 20.00 | ng | | -0.03 |
| 87) Perylene-d12 | 25.15 | 264 | 418442 | 20.00 | ng | | -0.05 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.67 | 112 | 334426 | 99.92 | ng | | -0.01 |
| 7) Phenol-d6 | 7.28 | 99 | 514188 | 99.78 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 9.32 | 82 | 365170 | 69.63 | ng | | -0.02 |
| 42) 2,4,6-Tribromophenol | 16.26 | 330 | 242784 | 97.27 | ng | | -0.02 |
| 45) 2-Fluorobiphenyl | 13.39 | 172 | 765648 | 60.90 | ng | | -0.02 |
| 79) Terphenyl-d14 | 20.11 | 244 | 1173571 | 63.88 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Benzaldehyde | 7.28 | 77 | 1159 | Below Cal | | # | 6 |
| 19) n-Nitroso-di-n-propylamine | 9.32 | 70 | 55026 | 11.862 | ng | # | 69 |
| 50) Dimethylphthalate | 14.21 | 163 | 121362 | 7.988 | ng | | 96 |
| 57) 2,4-Dinitrotoluene | 14.77 | 165 | 22729 | 5.641 | ng | # | 16 |
| 65) 4,6-Dinitro-2-methylphenol | 16.25 | 198 | 618 | 7.356 | ng | # | 64 |
| 67) 4-Bromophenyl-phenylether | 16.26 | 248 | 18070 | 3.453 | ng | # | 1 |

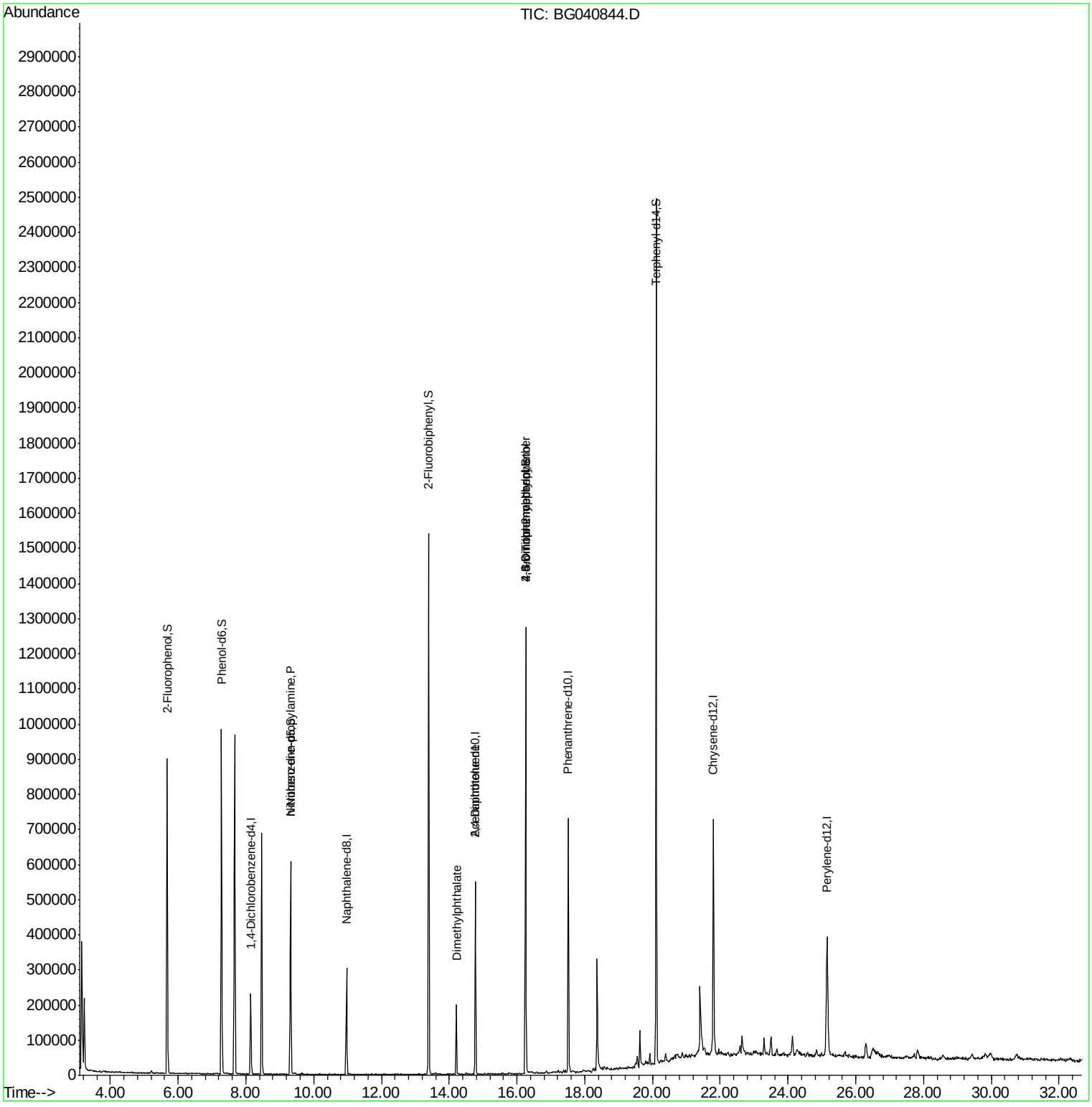
(#) = qualifier out of range (m) = manual integration (+) = signals summed

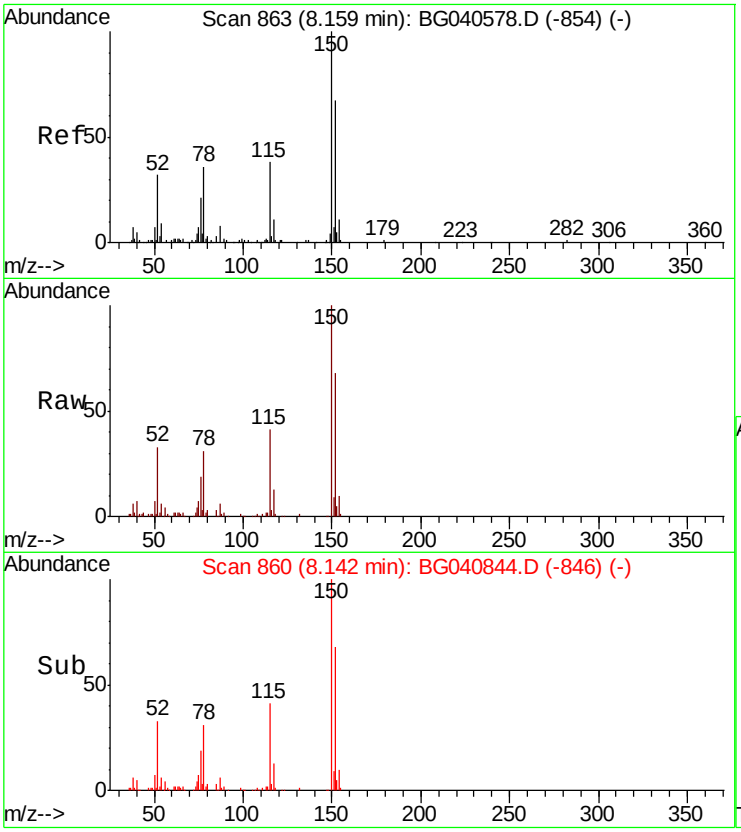
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040844.D
Acq On : 10 May 2019 10:17
Operator : HP/JU
Sample : K2764-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: May 10 15:15:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration



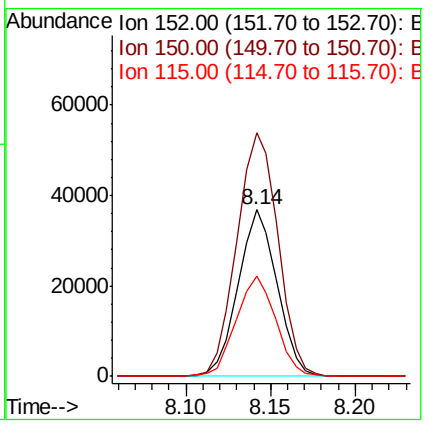


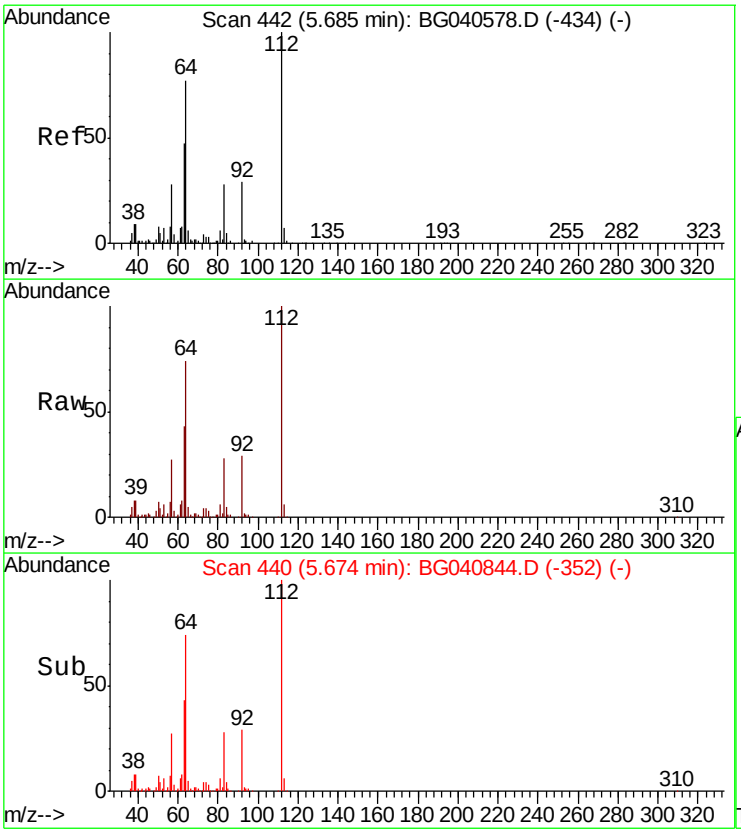

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040844.D
Acq: 10 May 2019 10:17

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

Tgt Ion:152 Resp: 58996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 146.4 | 120.2 | 180.2 |
| 115 | 60.7 | 46.2 | 69.2 |

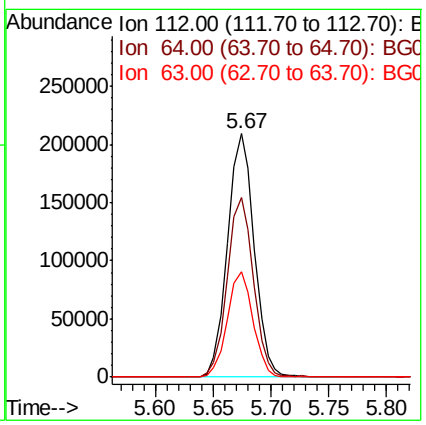


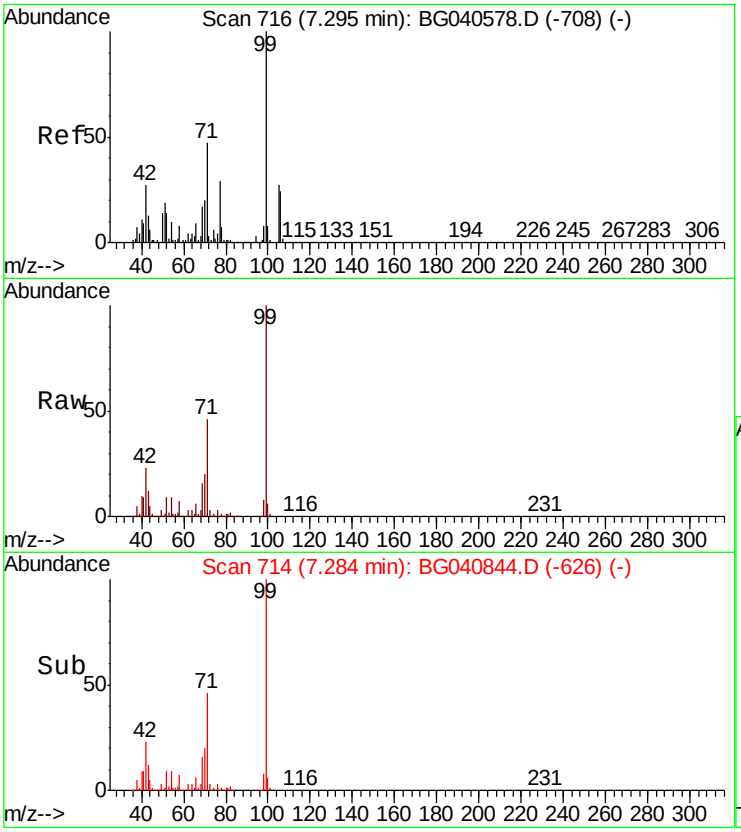




#5
2-Fluorophenol
Concen: 99.924 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040844.D
Acq: 10 May 2019 10:17

Tgt Ion:112 Resp: 334426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 74.0 | 61.4 | 92.0 |
| 63 | 43.1 | 37.8 | 56.6 |



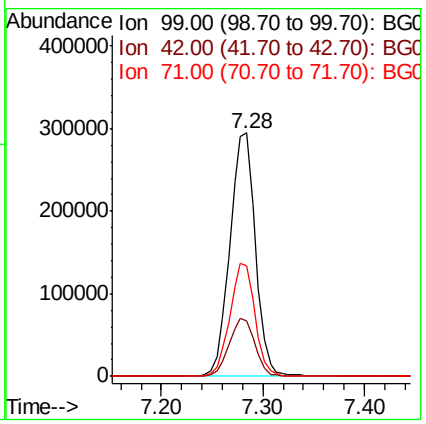


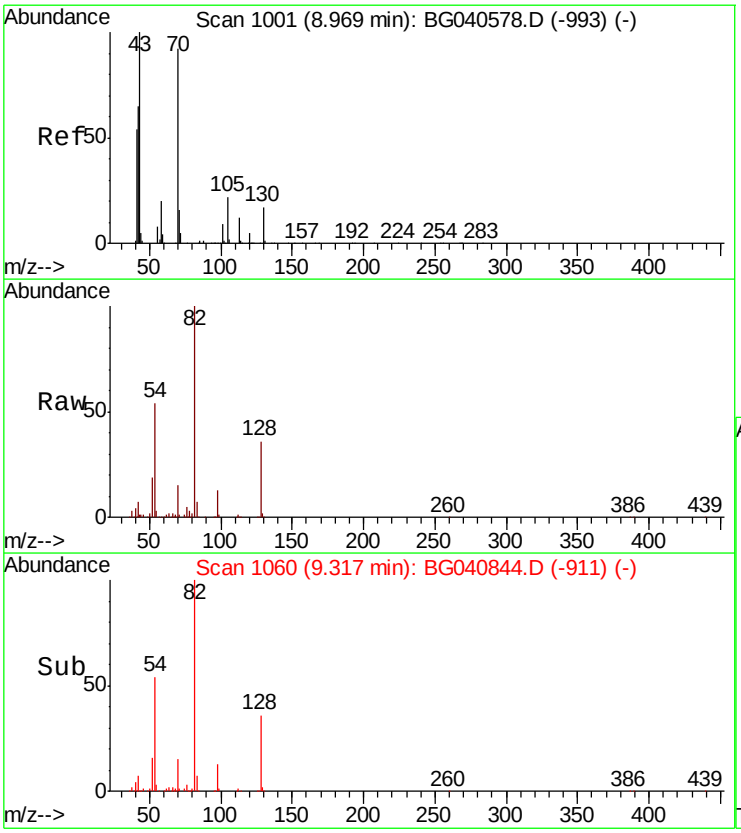

#7
Phenol-d6
Concen: 99.782 ng
RT: 7.28 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG040844.D
Acq: 10 May 2019 10:17

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

Tgt Ion: 99 Resp: 514188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.7 | 21.8 | 32.8 |
| 71 | 45.6 | 38.6 | 57.8 |

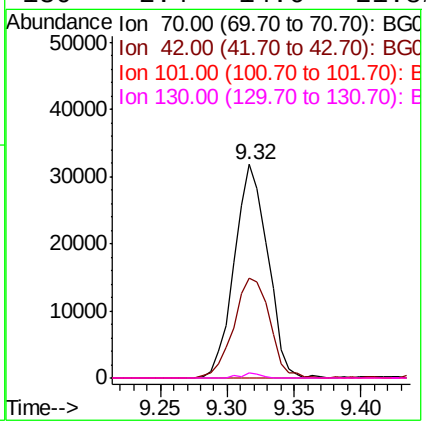


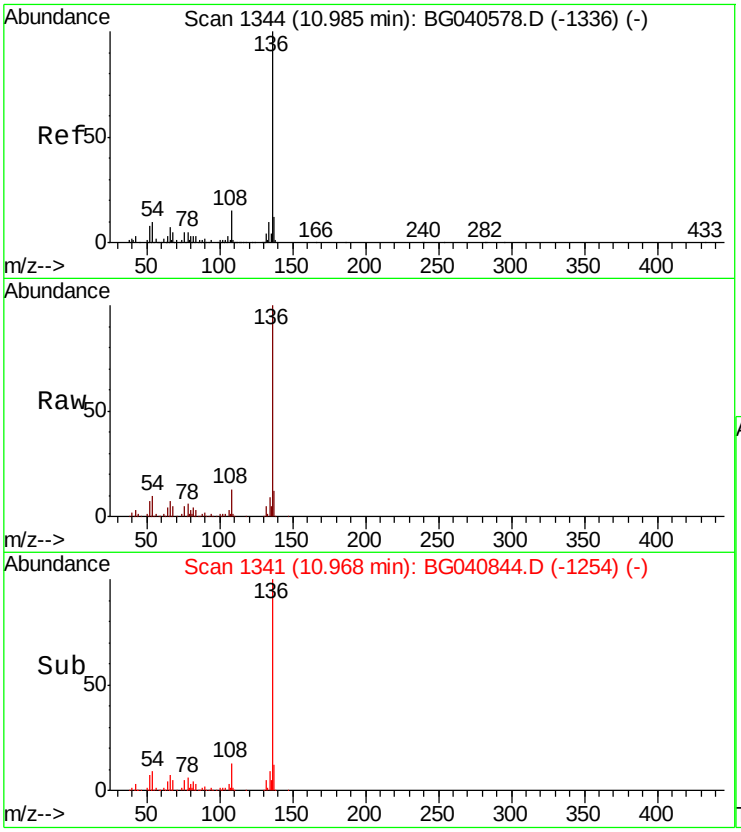




#19
n-Nitroso-di-n-propylamine
Concen: 11.862 ng
RT: 9.32 min Scan# 1060
Delta R.T. 0.35 min
Lab File: BG040844.D
Acq: 10 May 2019 10:17

Tgt Ion: 70 Resp: 55026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 46.7 | 57.1 | 85.7# |
| 101 | 0.0 | 7.8 | 11.8# |
| 130 | 2.4 | 14.6 | 21.8# |



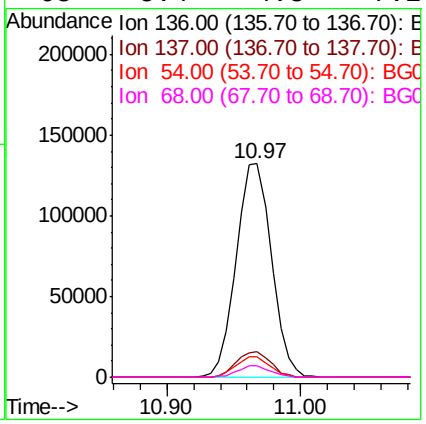


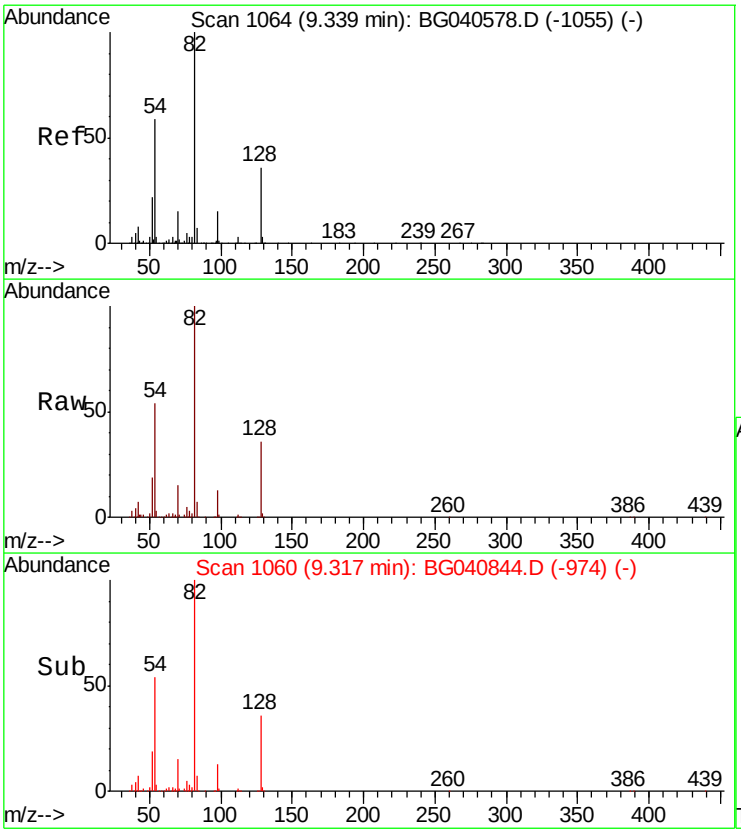

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040844.D
Acq: 10 May 2019 10:17

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

Tgt Ion:136 Resp: 242326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.2 | 9.7 | 14.5 |
| 54 | 9.5 | 8.6 | 12.8 |
| 68 | 5.4 | 4.8 | 7.2 |

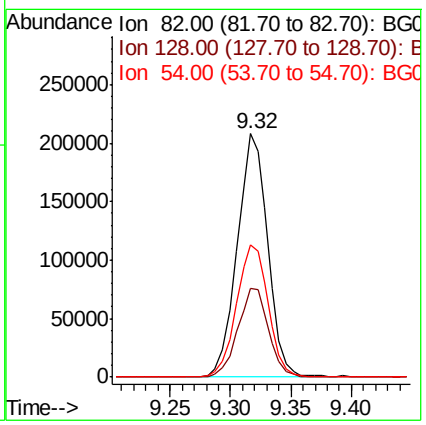


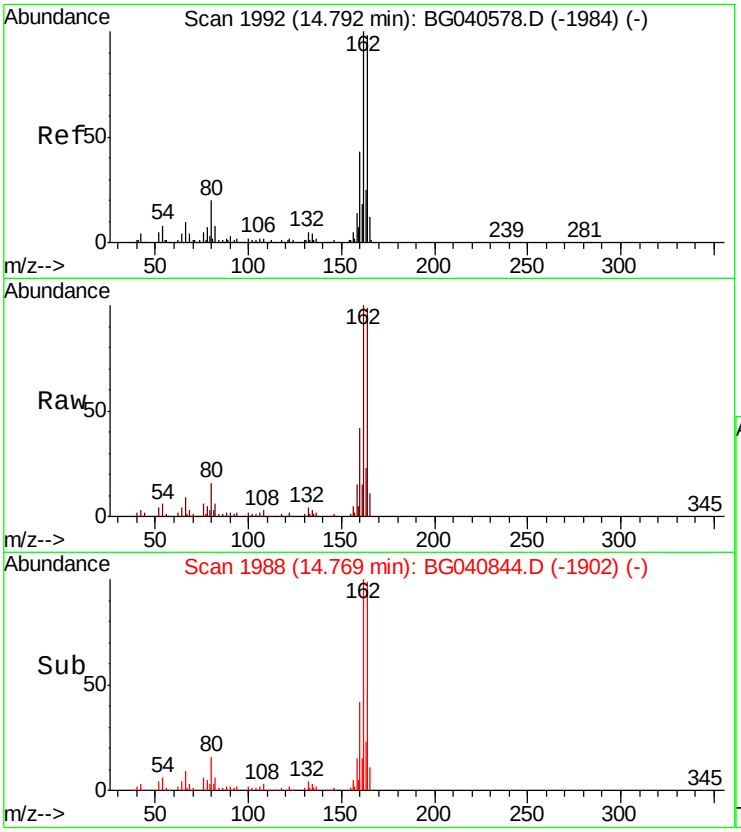




#23
Nitrobenzene-d5
Concen: 69.630 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BG040844.D
Acq: 10 May 2019 10:17

Tgt Ion: 82 Resp: 365170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 36.3 | 28.9 | 43.3 |
| 54 | 54.1 | 47.2 | 70.8 |



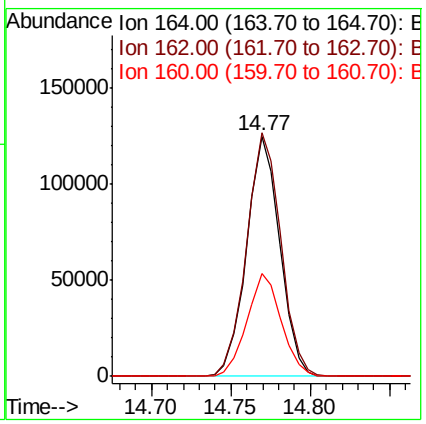


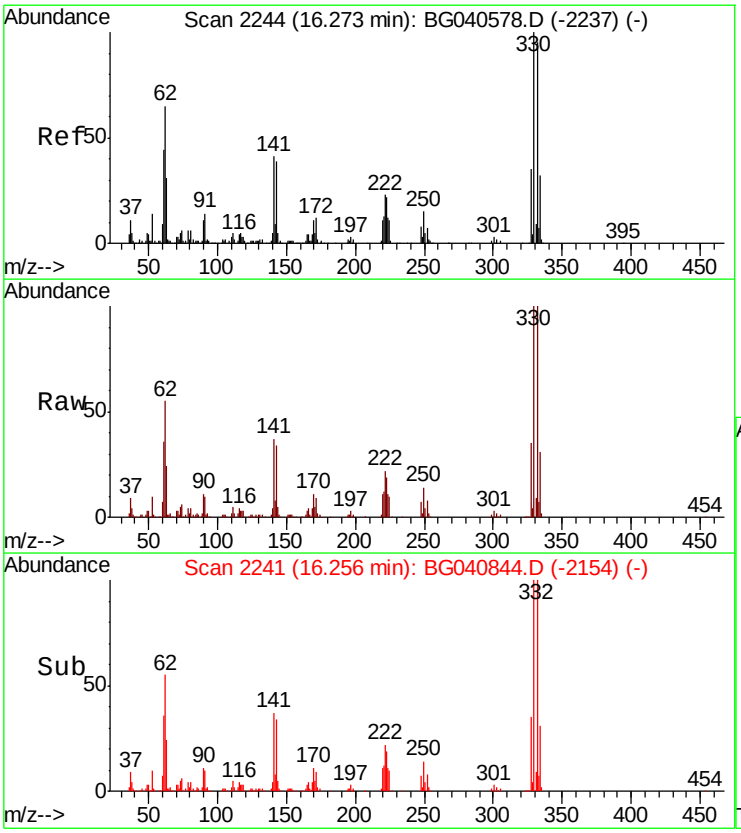

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040844.D
Acq: 10 May 2019 10:17

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

Tgt Ion:164 Resp: 181582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.3 | 81.9 | 122.9 |
| 160 | 42.6 | 35.4 | 53.2 |

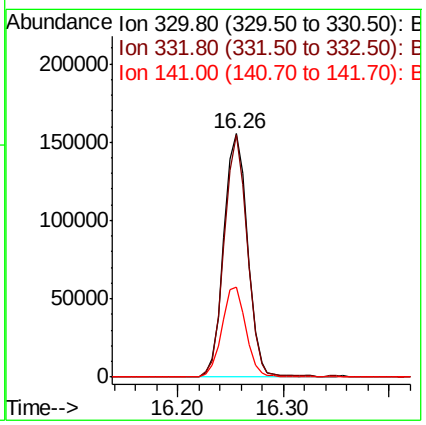


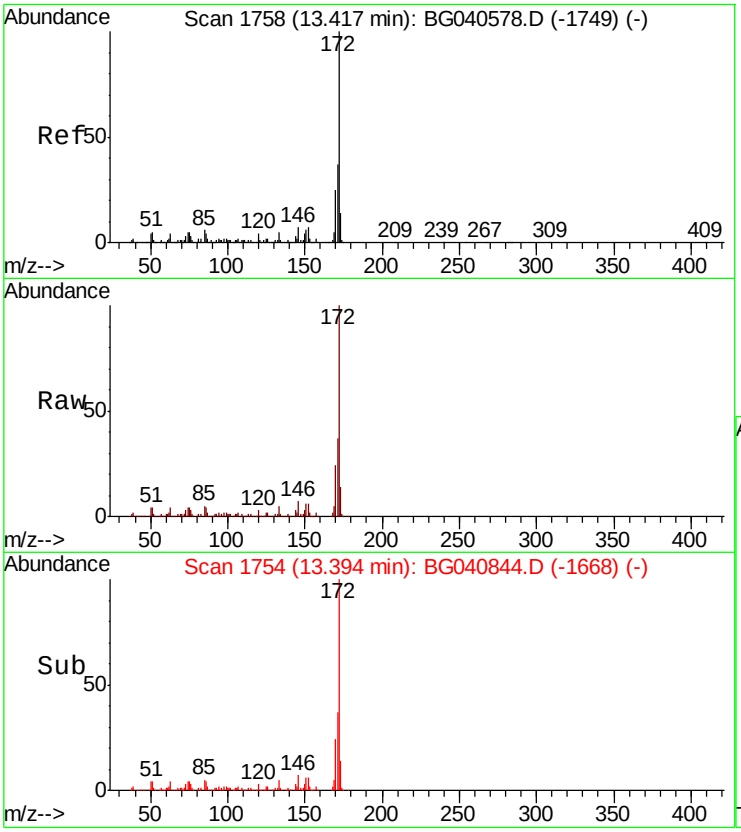




#42
2,4,6-Tribromophenol
Concen: 97.274 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040844.D
Acq: 10 May 2019 10:17

Tgt Ion:330 Resp: 242784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.9 | 75.9 | 113.9 |
| 141 | 37.0 | 32.4 | 48.6 |



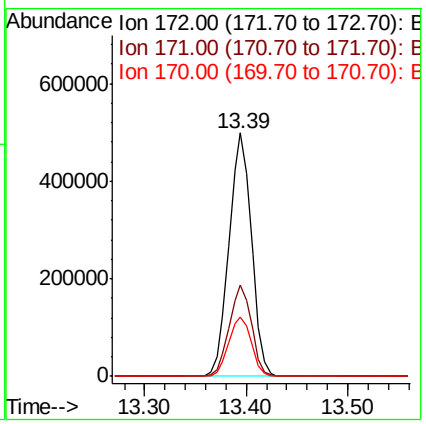


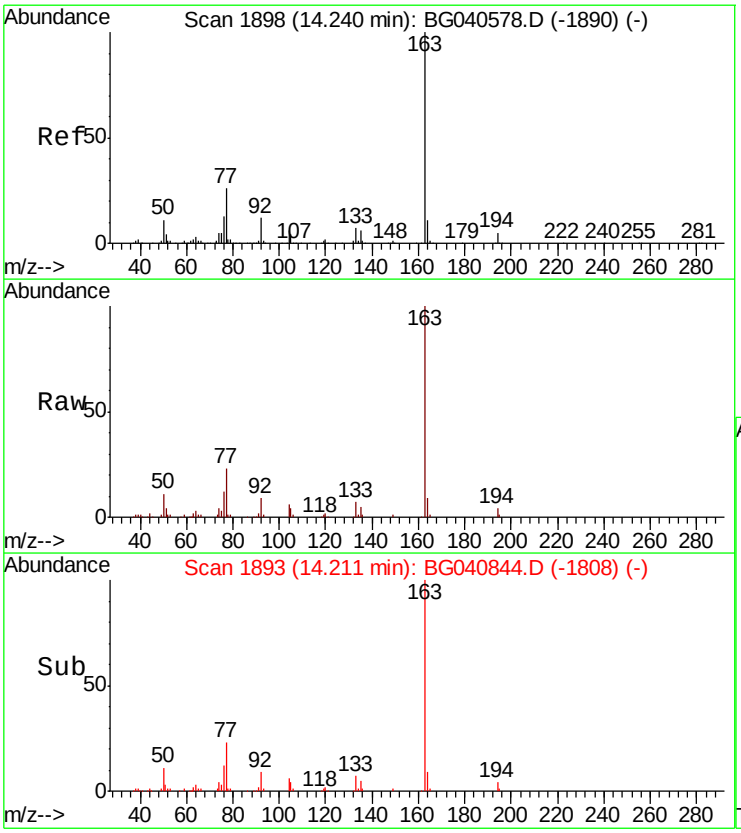

#45
2-Fluorobiphenyl
Concen: 60.895 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040844.D
Acq: 10 May 2019 10:17

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

Tgt Ion:172 Resp: 765648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.3 | 29.4 | 44.2 |
| 170 | 24.1 | 19.9 | 29.9 |

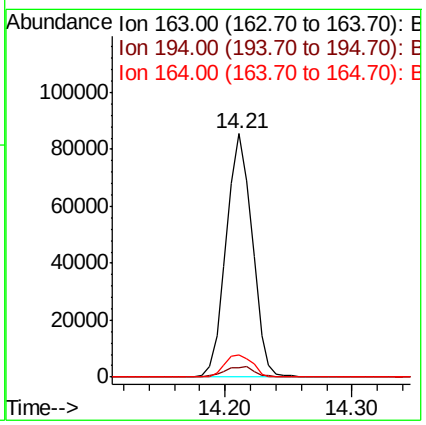


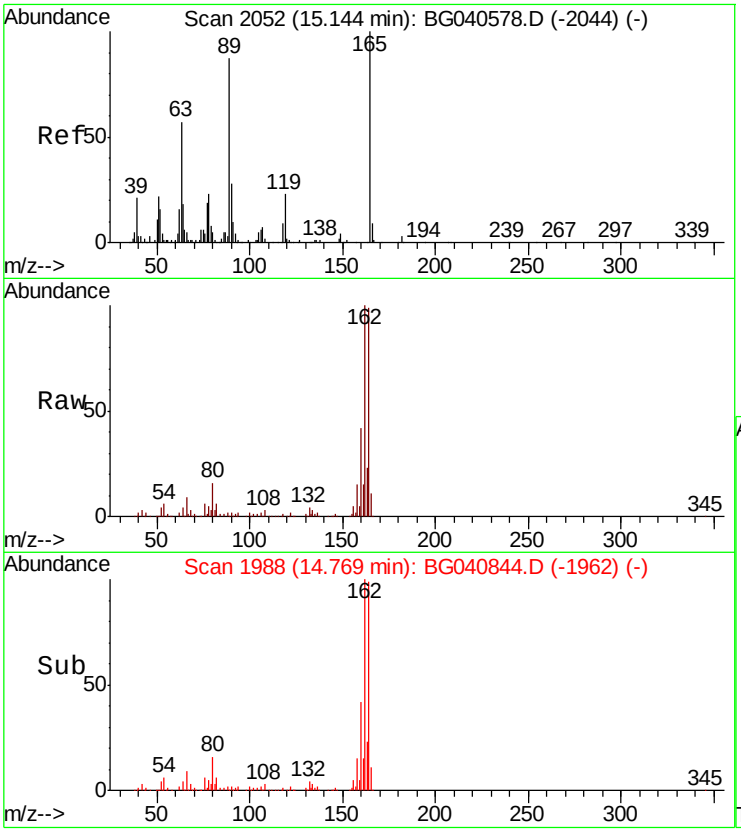




#50
Dimethylphthalate
Concen: 7.988 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.03 min
Lab File: BG040844.D
Acq: 10 May 2019 10:17

Tgt Ion:163 Resp: 121362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.9 | 3.8 | 5.8 |
| 164 | 9.1 | 8.8 | 13.2 |



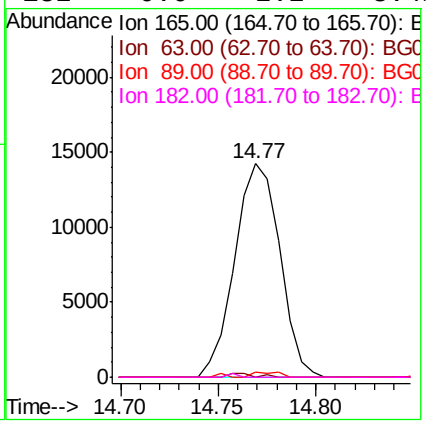


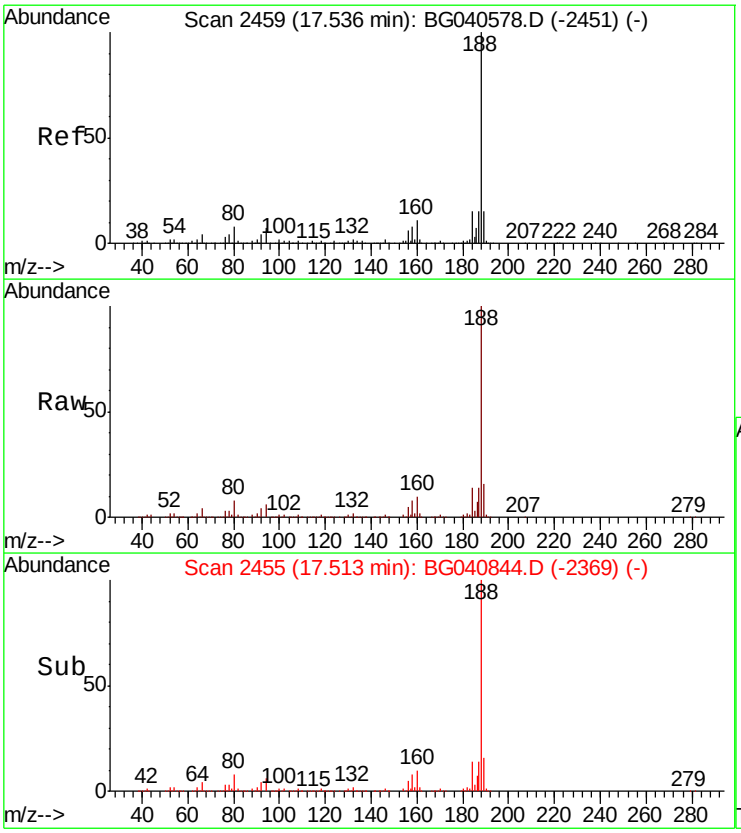

#57
2,4-Dinitrotoluene
Concen: 5.641 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.38 min
Lab File: BG040844.D
Acq: 10 May 2019 10:17

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

Tgt Ion:165 Resp: 22729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 45.8 | 68.8# |
| 89 | 2.5 | 69.4 | 104.2# |
| 182 | 0.0 | 2.2 | 3.4# |

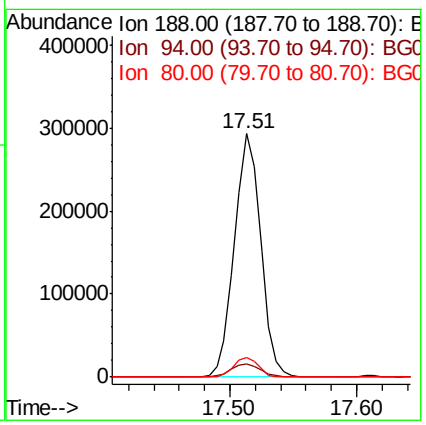


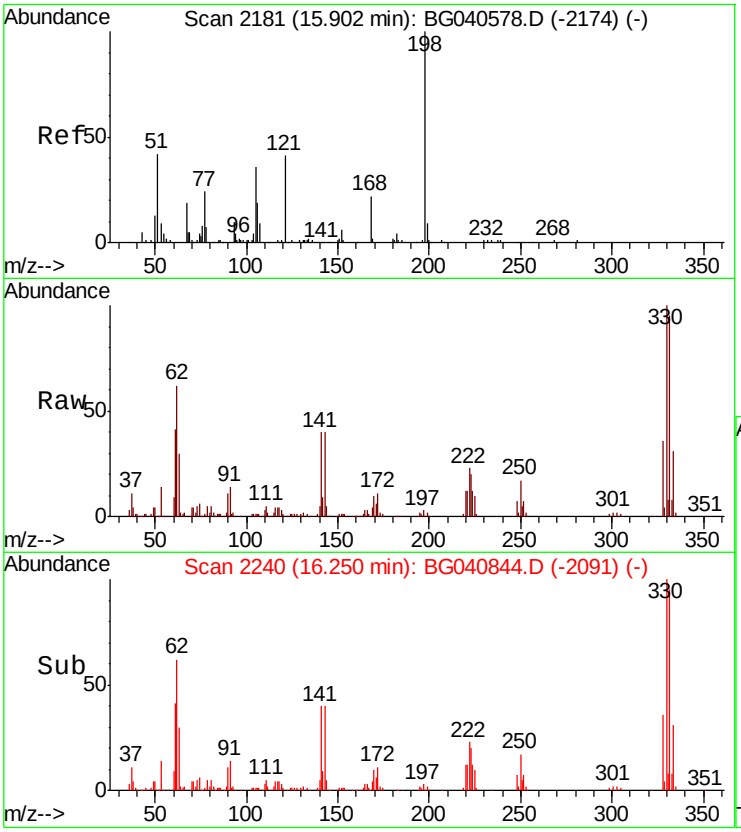




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040844.D
Acq: 10 May 2019 10:17

Tgt Ion:188 Resp: 420041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 5.5 | 5.6 | 8.4# |
| 80 | 7.9 | 6.4 | 9.6 |



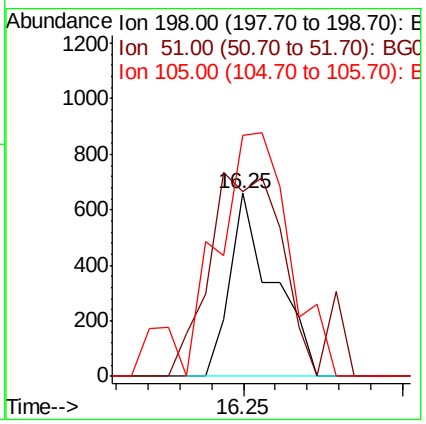


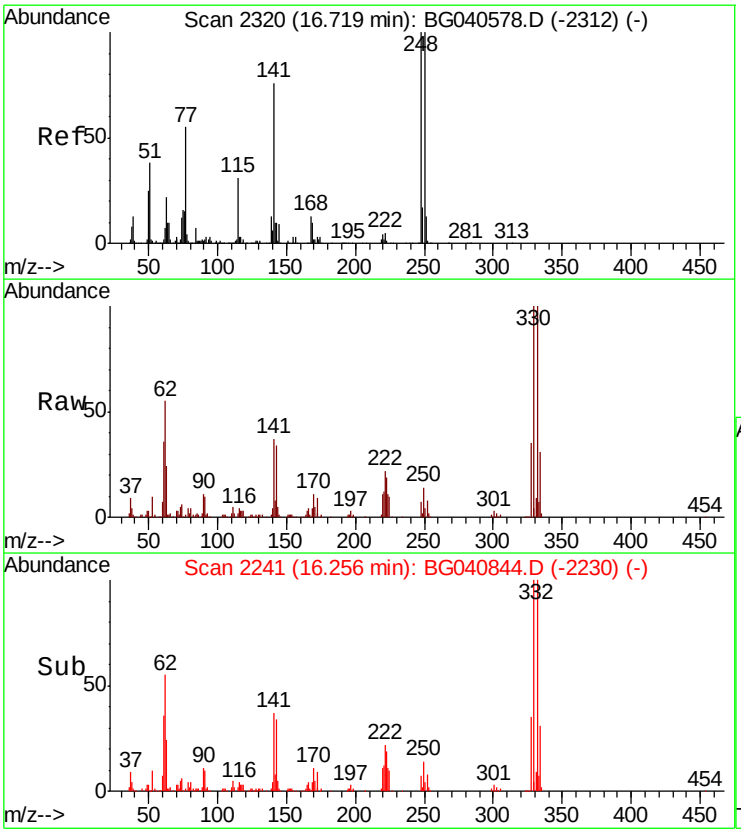

#65
4,6-Dinitro-2-methylphenol
Concen: 7.356 ng
RT: 16.25 min Scan# 2240
Delta R.T. 0.35 min
Lab File: BG040844.D
Acq: 10 May 2019 10:17

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

Tgt Ion:198 Resp: 618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 21.7 | 35.9 | 75.9# |
| 105 | 28.4 | 21.2 | 61.2 |

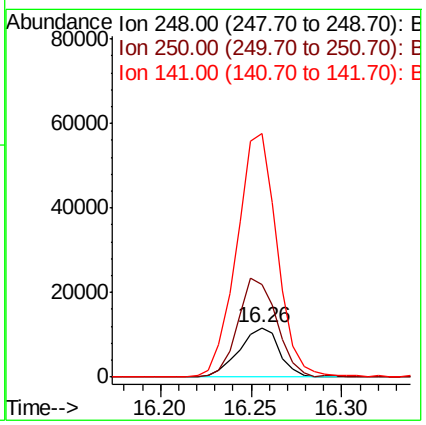


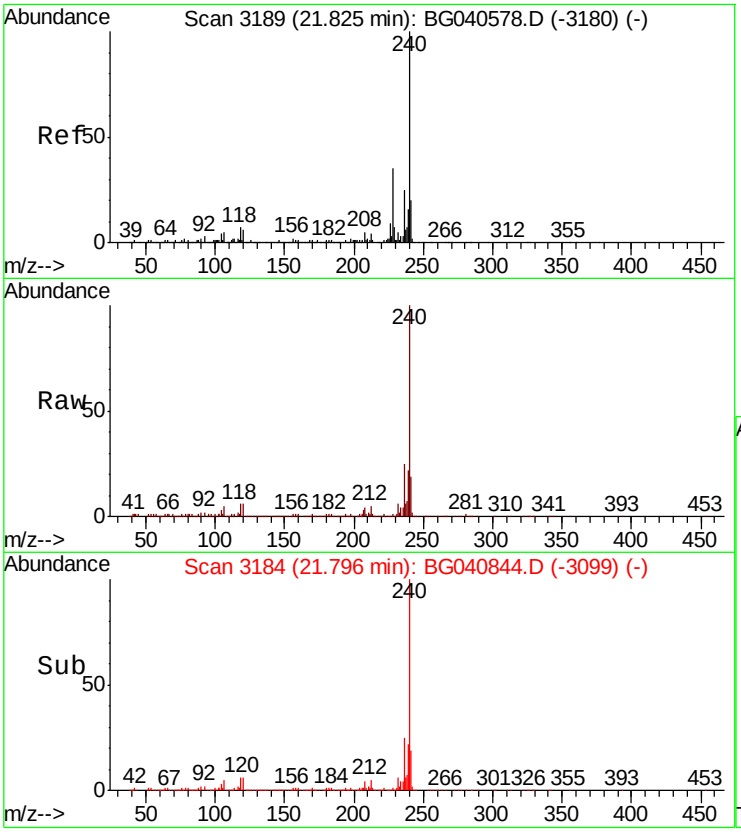




#67
4-Bromophenyl-phenylether
Concen: 3.453 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.46 min
Lab File: BG040844.D
Acq: 10 May 2019 10:17

Tgt Ion:248 Resp: 18070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 188.6 | 79.8 | 119.6# |
| 141 | 495.9 | 60.8 | 91.2# |



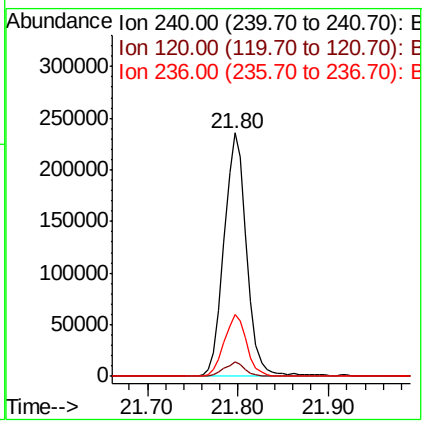


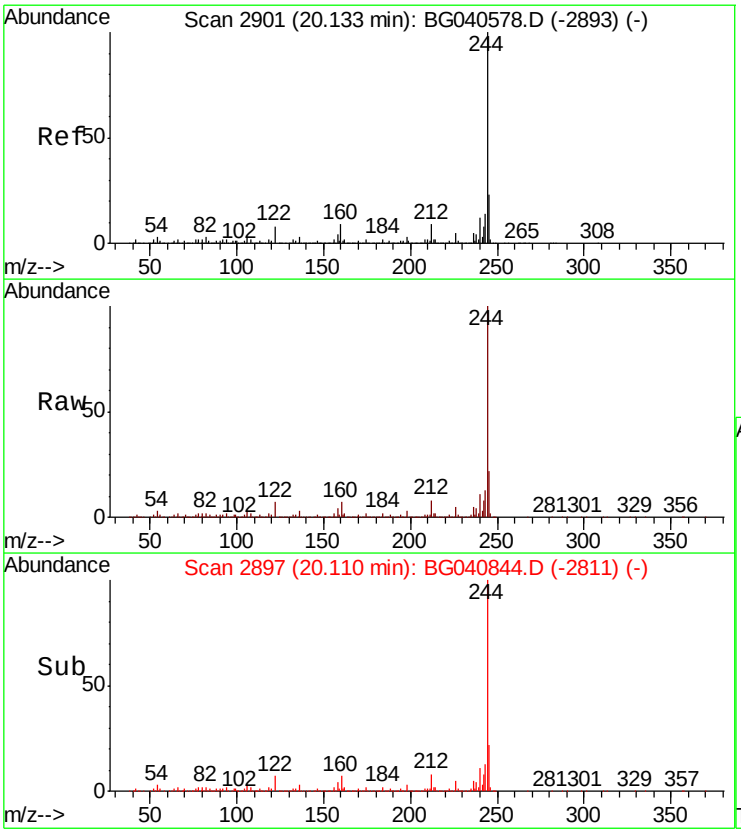

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040844.D
Acq: 10 May 2019 10:17

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

Tgt Ion:240 Resp: 407003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.1 | 5.0 | 7.6 |
| 236 | 25.3 | 20.3 | 30.5 |

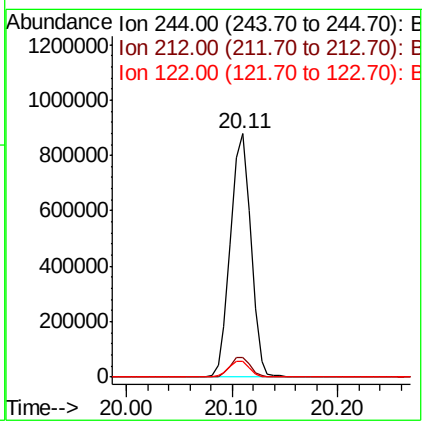


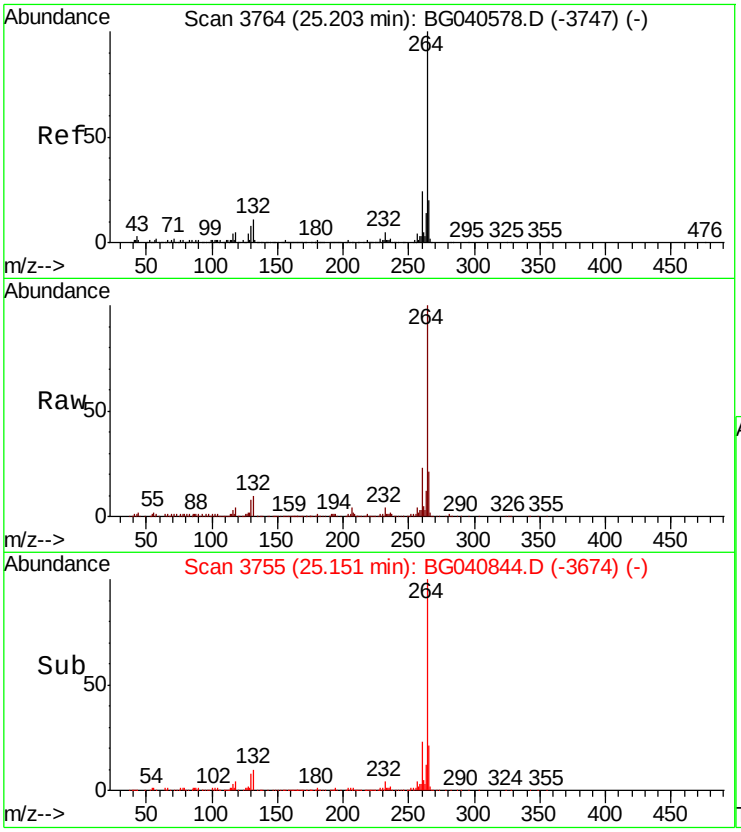




#79
Terphenyl-d14
Concen: 63.880 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040844.D
Acq: 10 May 2019 10:17

Tgt Ion:244 Resp: 1173571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.1 | 7.2 | 10.8 |
| 122 | 6.6 | 6.6 | 10.0# |






#87
Perylene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3755
Delta R.T. -0.05 min
Lab File: BG040844.D
Acq: 10 May 2019 10:17

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

Tgt Ion:264 Resp: 418442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.6 | 19.2 | 28.8 |
| 265 | 21.1 | 16.6 | 25.0 |