Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041519\
Data File : BG040487.D
Acq On : 15 Apr 2019 19:40
Operator : JU/SJ
Sample : K2397-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Apr 15 23:22:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.04 | 152 | 40047 | 20.00 | ng | -0.03 |
| 21) Naphthalene-d8 | 10.86 | 136 | 156639 | 20.00 | ng | -0.03 |
| 39) Acenaphthene-d10 | 14.68 | 164 | 98475 | 20.00 | ng | -0.03 |
| 64) Phenanthrene-d10 | 17.43 | 188 | 273418 | 20.00 | ng | -0.02 |
| 76) Chrysene-d12 | 21.70 | 240 | 289460 | 20.00 | ng | -0.03 |
| 87) Perylene-d12 | 24.98 | 264 | 300371 | 20.00 | ng | -0.05 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.60 | 112 | 289820 | 120.31 | ng | -0.02 |
| 7) Phenol-d6 | 7.20 | 99 | 364681 | 109.54 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 9.22 | 82 | 277966 | 94.32 | ng | -0.03 |
| 42) 2,4,6-Tribromophenol | 16.17 | 330 | 139101 | 130.70 | ng | -0.02 |
| 45) 2-Fluorobiphenyl | 13.29 | 172 | 641388 | 96.51 | ng | -0.03 |
| 79) Terphenyl-d14 | 20.02 | 244 | 1250027 | 97.15 | ng | -0.03 |
| **Target Compounds** | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 9.22 | 70 | 35029 | 14.675 | ng | # 78 |
| 51) 2,6-Dinitrotoluene | 14.68 | 165 | 12024 | 6.948 | ng | # 25 |
| 57) 2,4-Dinitrotoluene | 14.68 | 165 | 12024 | 5.001 | ng | # 25 |
| 67) 4-Bromophenyl-phenylether | 16.16 | 248 | 10187 | 3.311 | ng | # 1 |

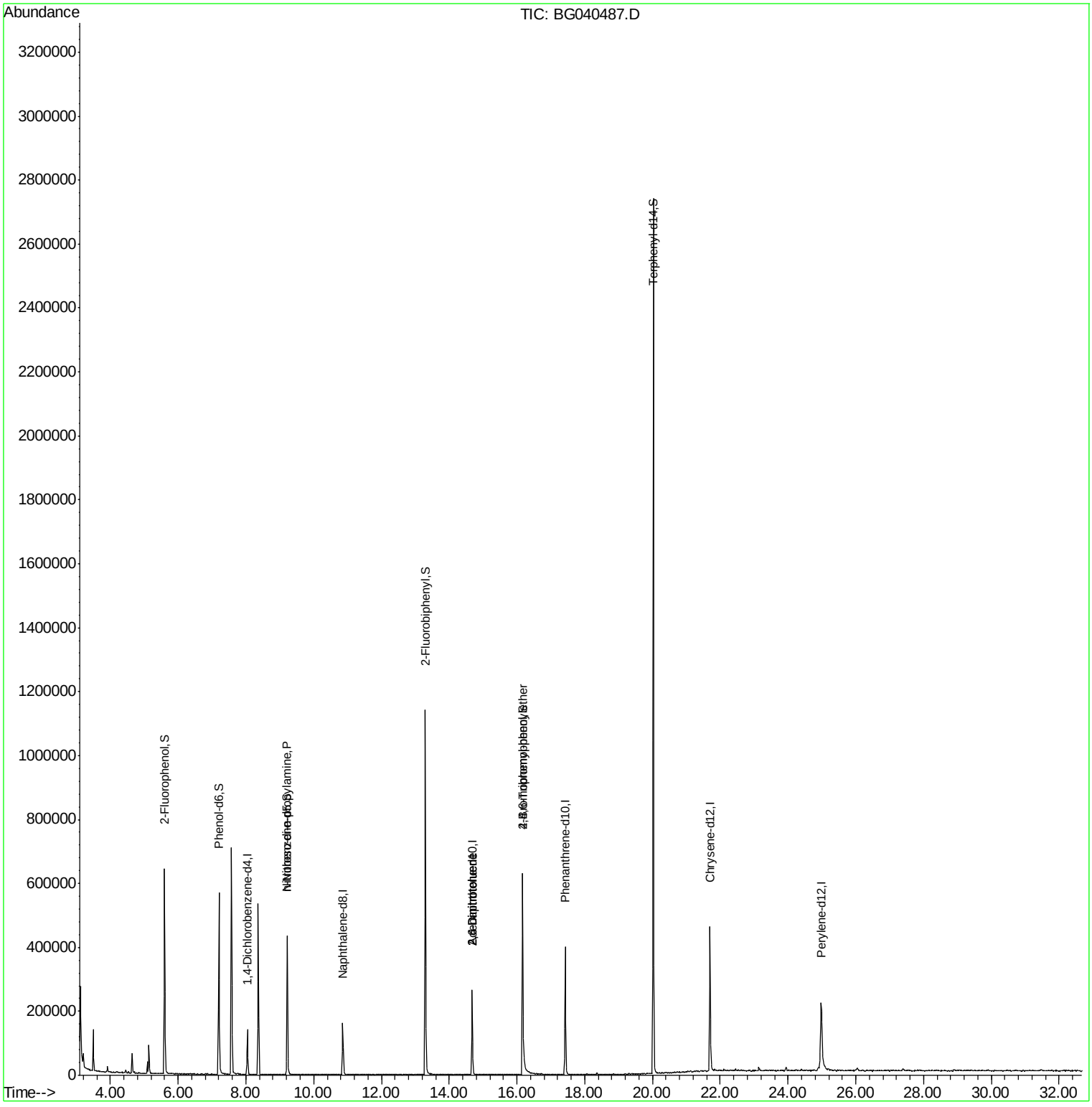
(#) = qualifier out of range (m) = manual integration (+) = signals summed

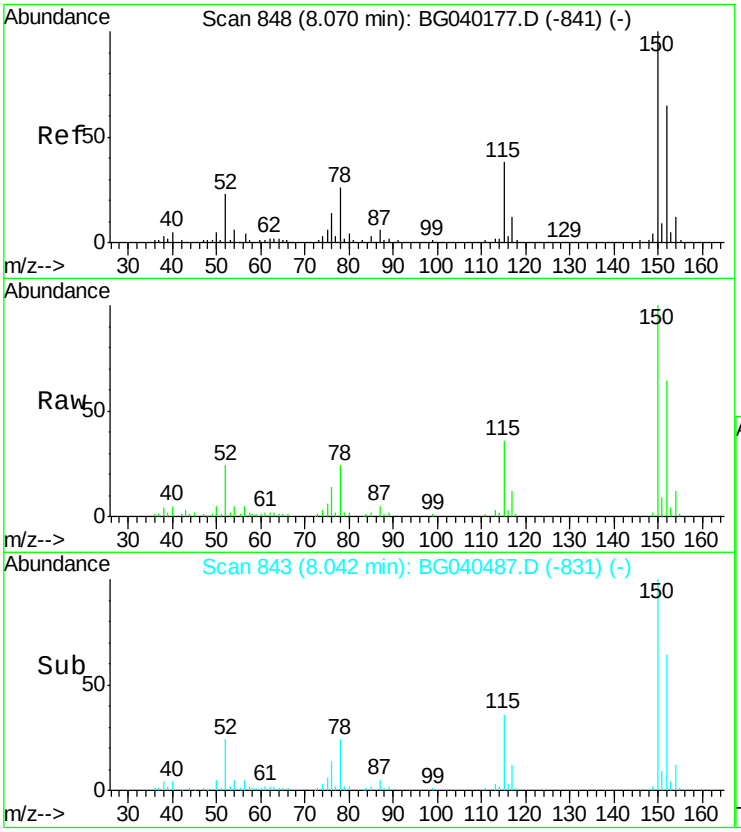
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041519\
Data File : BG040487.D
Acq On : 15 Apr 2019 19:40
Operator : JU/SJ
Sample : K2397-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Apr 15 23:22:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration



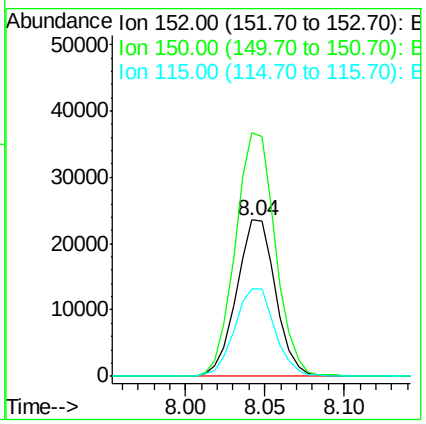


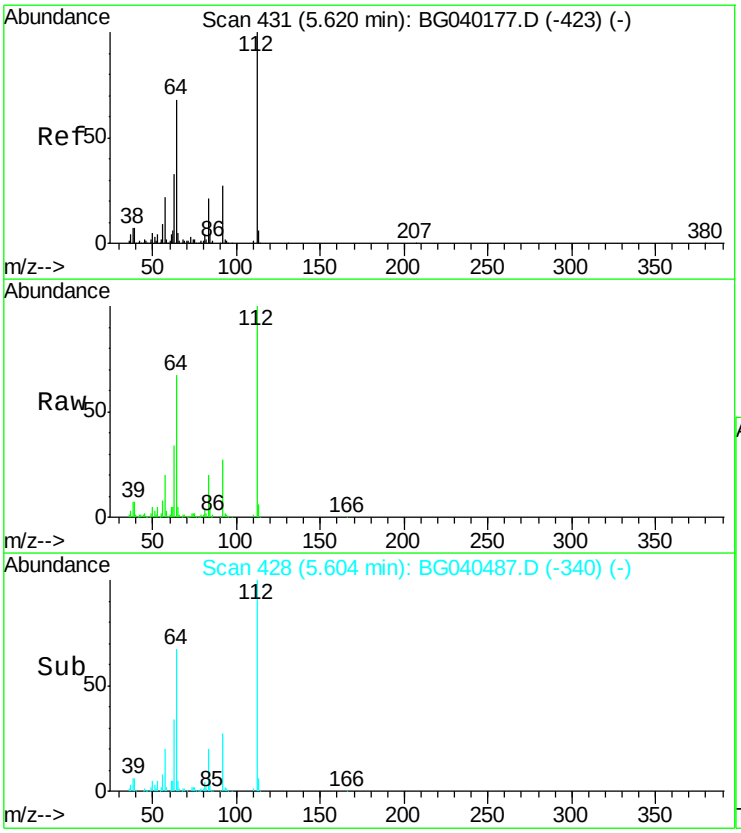

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040487.D
Acq: 15 Apr 2019 19:40

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

Tgt Ion:152 Resp: 40047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.6 | 123.7 | 185.5 |
| 115 | 55.8 | 46.9 | 70.3 |

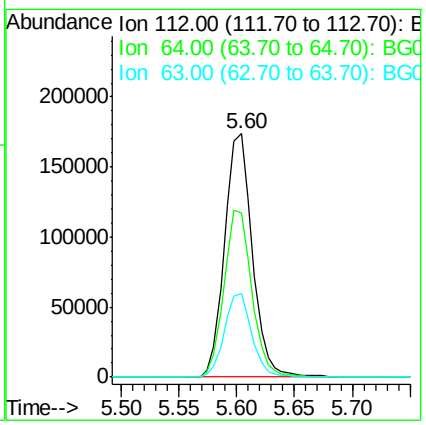


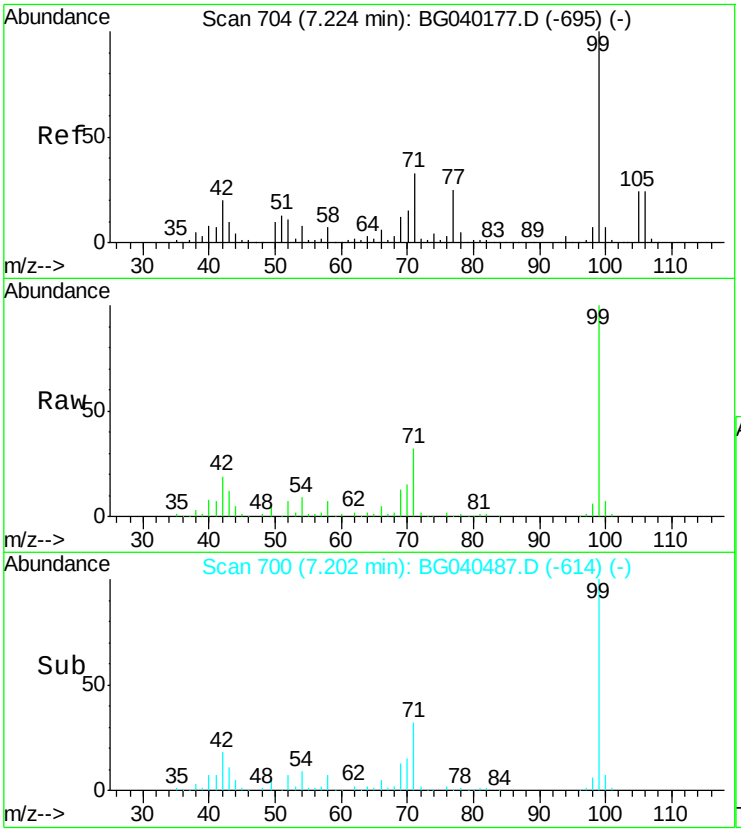




#5
2-Fluorophenol
Concen: 120.309 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040487.D
Acq: 15 Apr 2019 19:40

Tgt Ion:112 Resp: 289820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 67.5 | 54.2 | 81.2 |
| 63 | 34.1 | 26.4 | 39.6 |



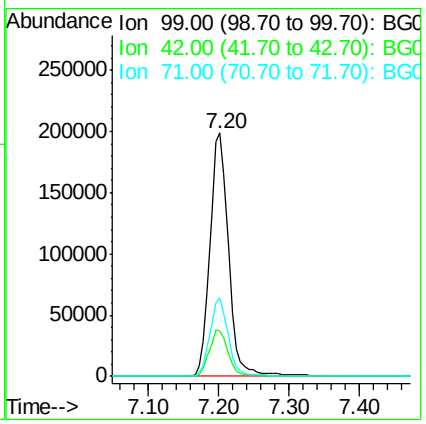


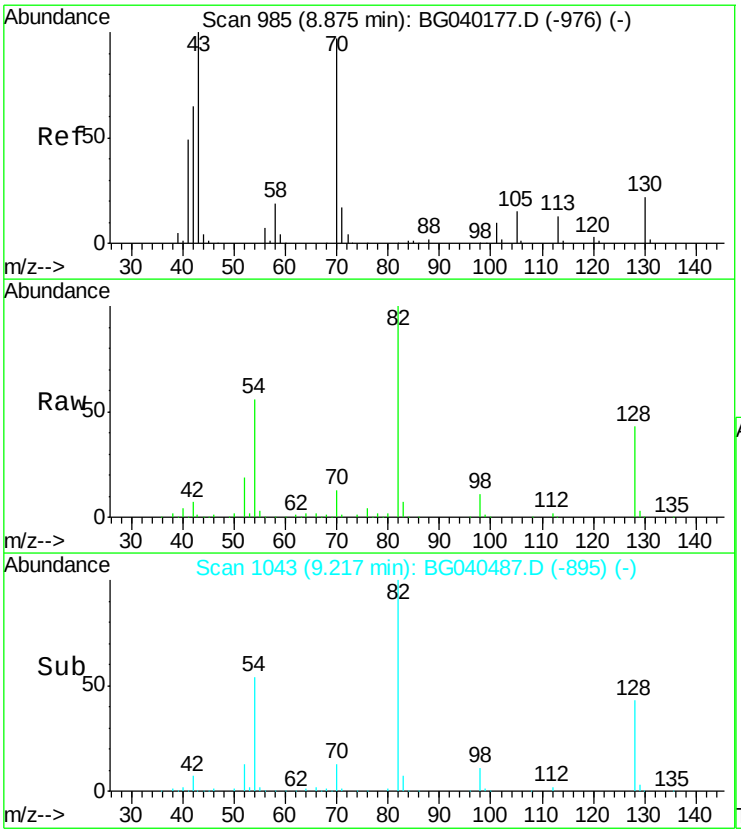

#7
Phenol-d6
Concen: 109.539 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.02 min
Lab File: BG040487.D
Acq: 15 Apr 2019 19:40

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

Tgt Ion: 99 Resp: 364681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.5 | 16.2 | 24.2 |
| 71 | 32.3 | 26.8 | 40.2 |

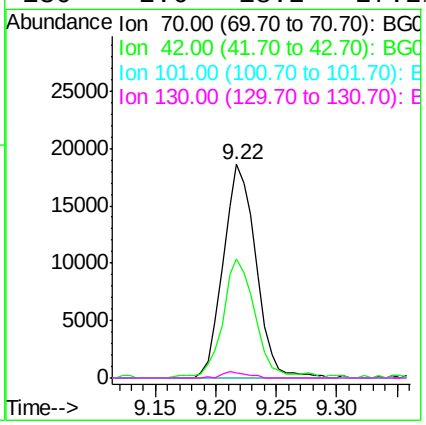


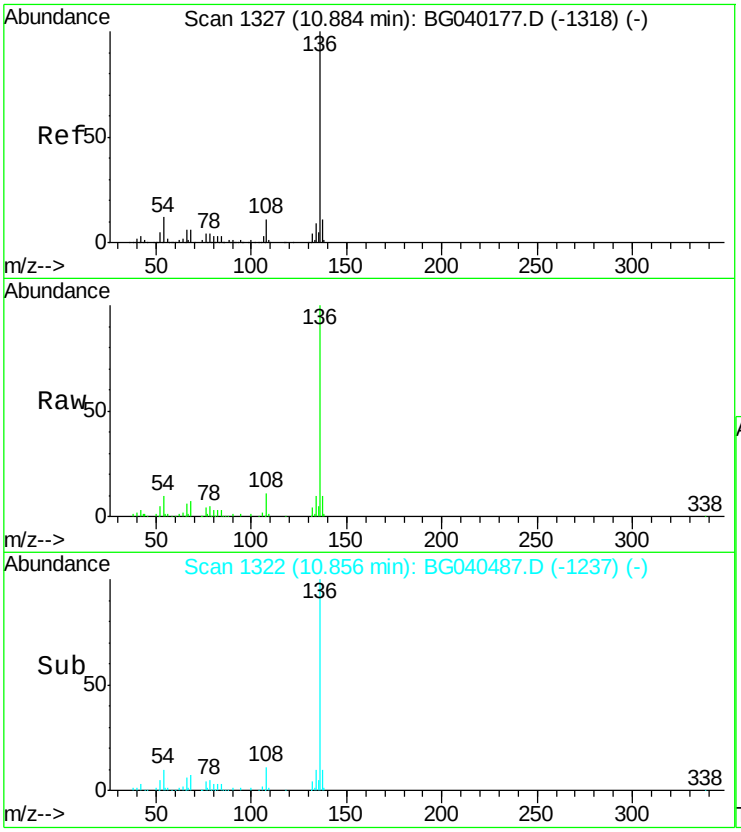




#19
n-Nitroso-di-n-propylamine
Concen: 14.675 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.34 min
Lab File: BG040487.D
Acq: 15 Apr 2019 19:40

Tgt Ion: 70 Resp: 35029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 55.8 | 54.0 | 81.0 |
| 101 | 0.0 | 8.6 | 13.0# |
| 130 | 2.6 | 18.2 | 27.2# |



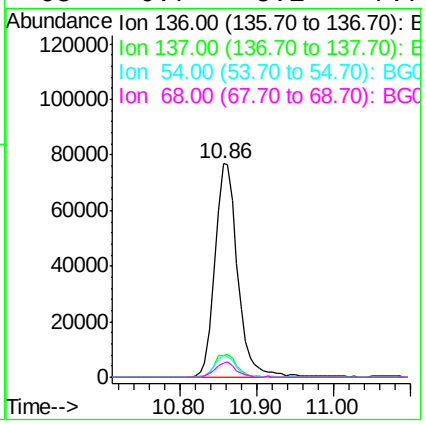


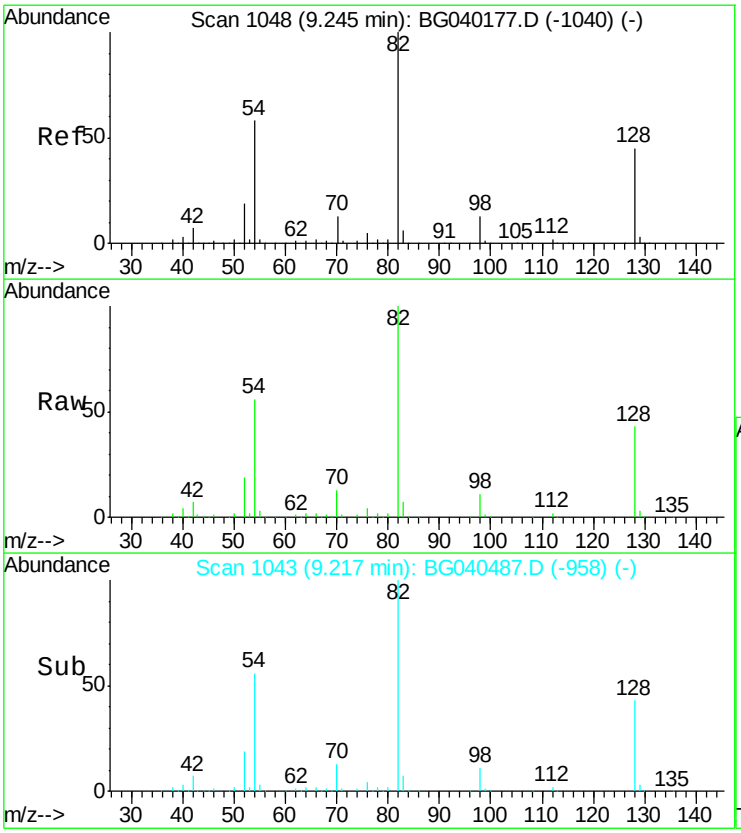

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040487.D
Acq: 15 Apr 2019 19:40

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

Tgt Ion:136 Resp: 156639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.3 | 8.9 | 13.3 |
| 54 | 9.9 | 9.6 | 14.4 |
| 68 | 6.7 | 5.1 | 7.7 |

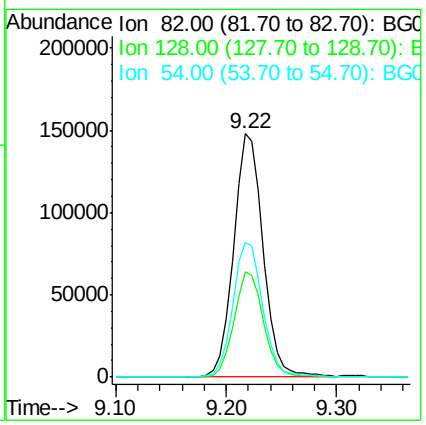


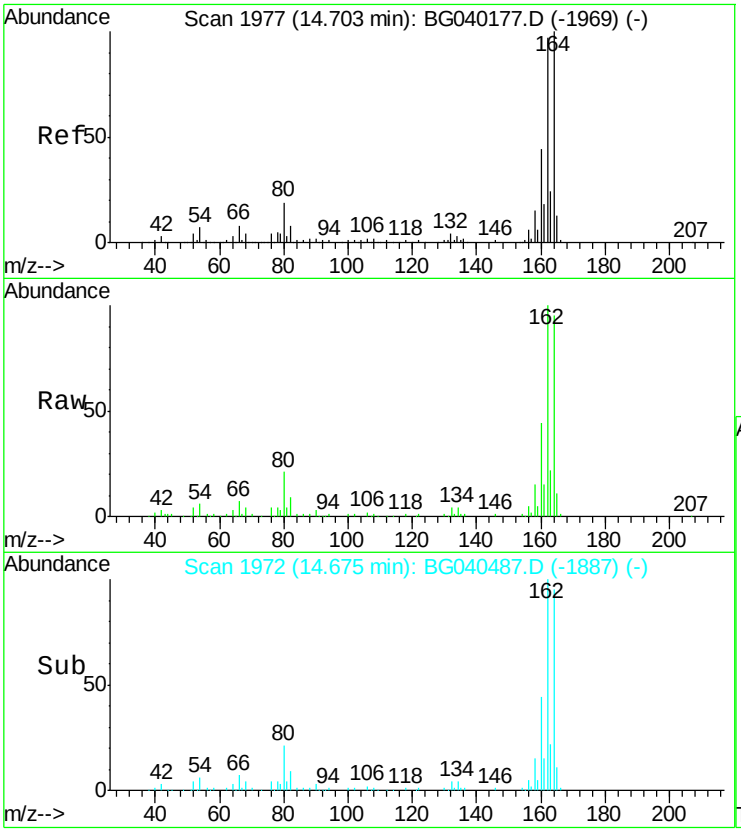




#23
Nitrobenzene-d5
Concen: 94.324 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040487.D
Acq: 15 Apr 2019 19:40

Tgt Ion: 82 Resp: 277966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.3 | 35.8 | 53.8 |
| 54 | 55.6 | 46.2 | 69.2 |



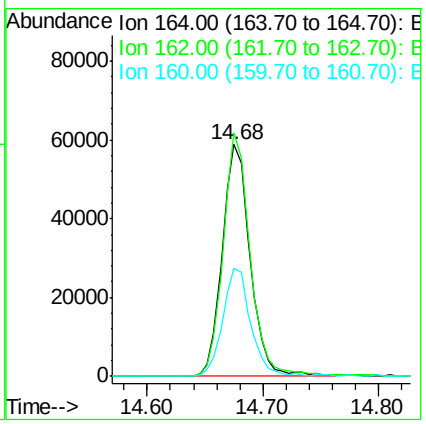


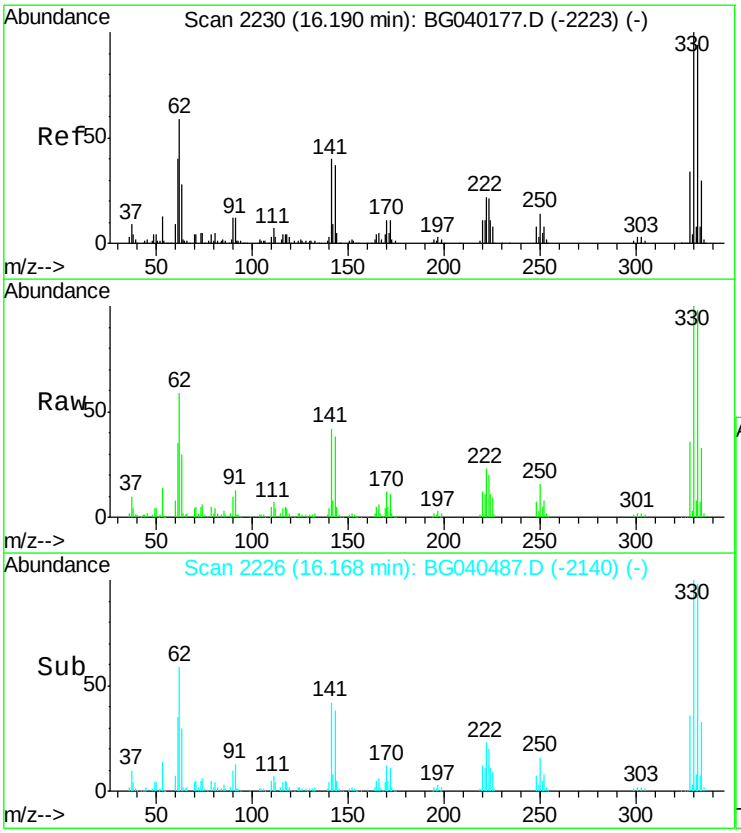

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040487.D
Acq: 15 Apr 2019 19:40

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

Tgt Ion:164 Resp: 98475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.0 | 77.4 | 116.2 |
| 160 | 46.5 | 35.3 | 52.9 |

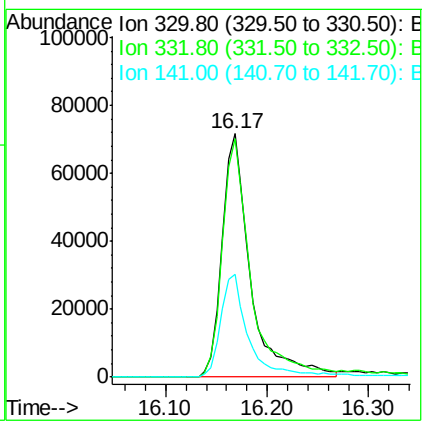


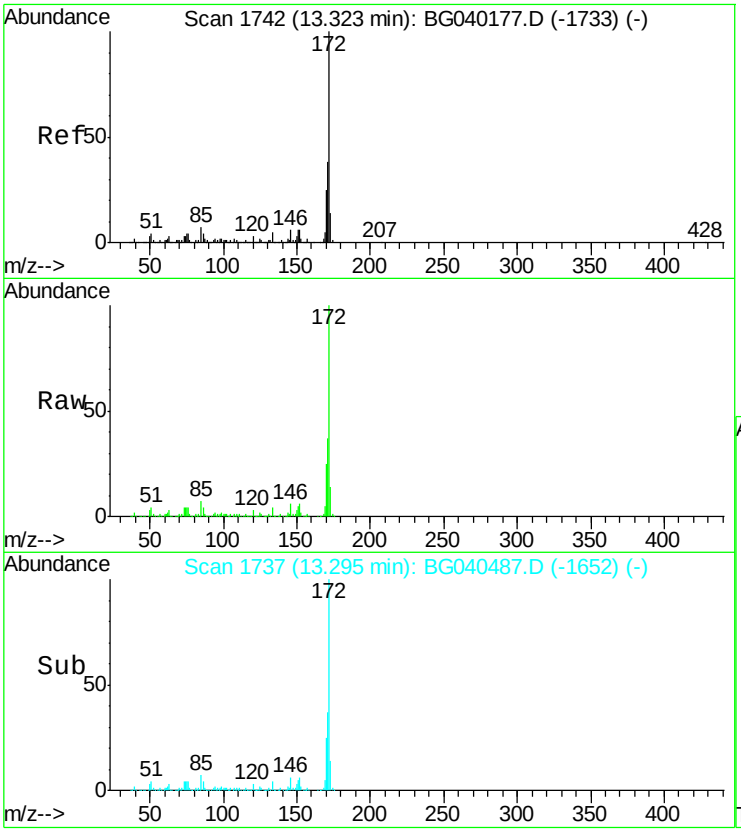




#42
2,4,6-Tribromophenol
Concen: 130.702 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040487.D
Acq: 15 Apr 2019 19:40

Tgt Ion:330 Resp: 139101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 99.5 | 76.6 | 115.0 |
| 141 | 40.9 | 32.6 | 48.8 |



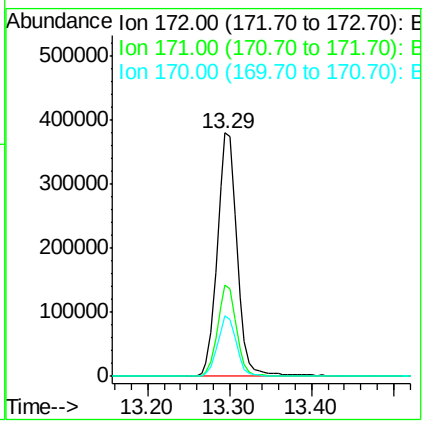


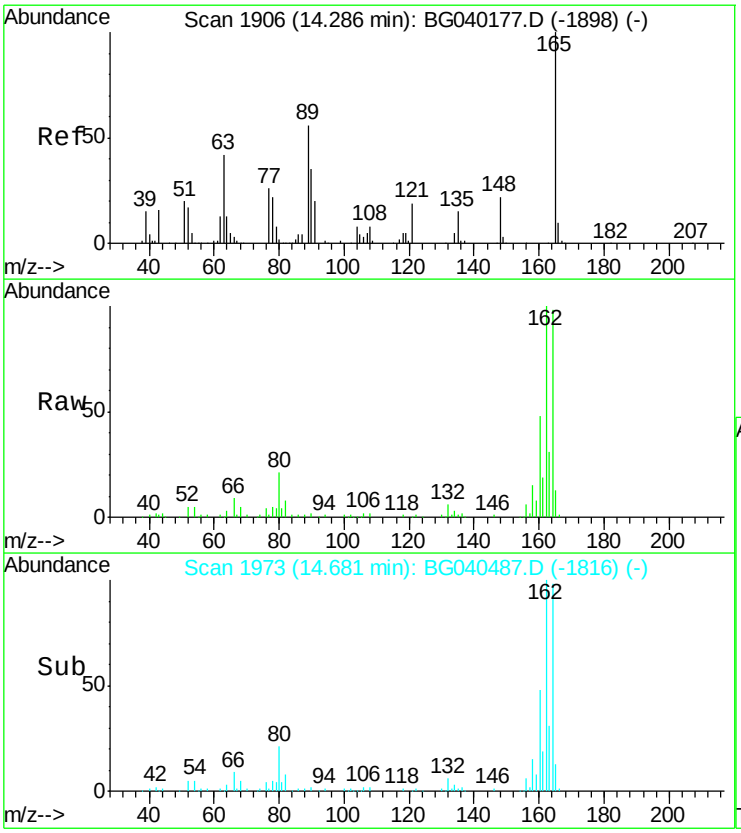

#45
2-Fluorobiphenyl
Concen: 96.510 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040487.D
Acq: 15 Apr 2019 19:40

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

Tgt Ion:172 Resp: 641388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.2 | 30.5 | 45.7 |
| 170 | 25.1 | 20.1 | 30.1 |

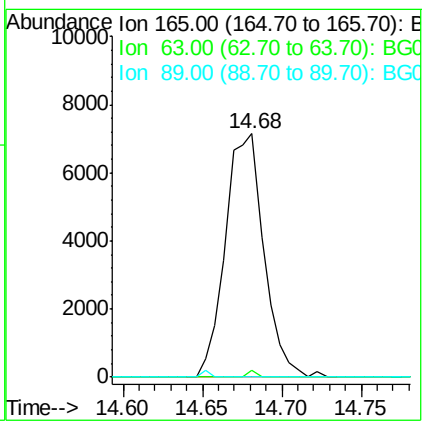


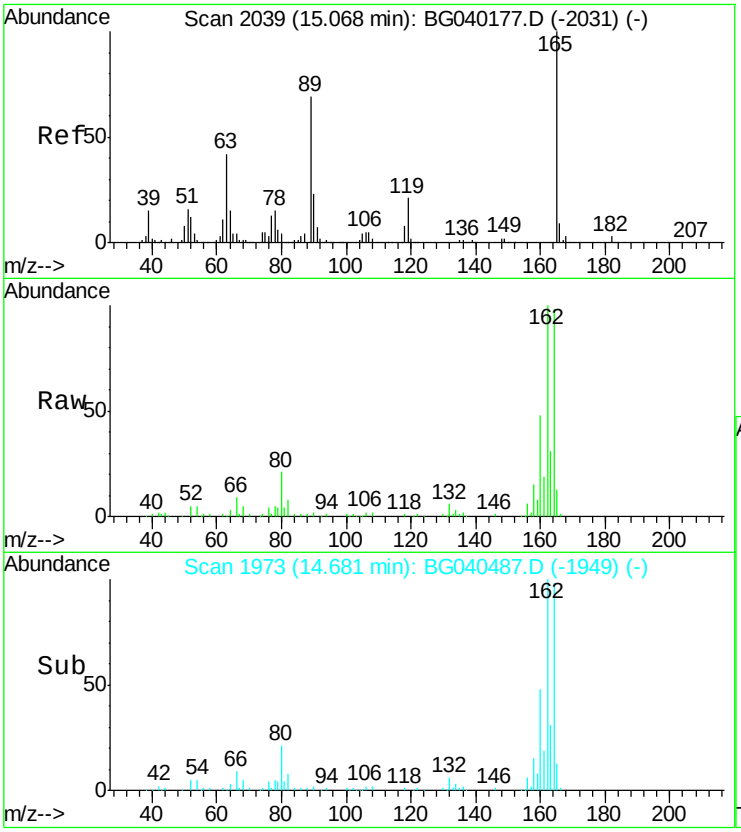




#51
2,6-Dinitrotoluene
Concen: 6.948 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.40 min
Lab File: BG040487.D
Acq: 15 Apr 2019 19:40

Tgt Ion:165 Resp: 12024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 2.5 | 44.1 | 66.1# |
| 89 | 0.0 | 44.9 | 67.3# |



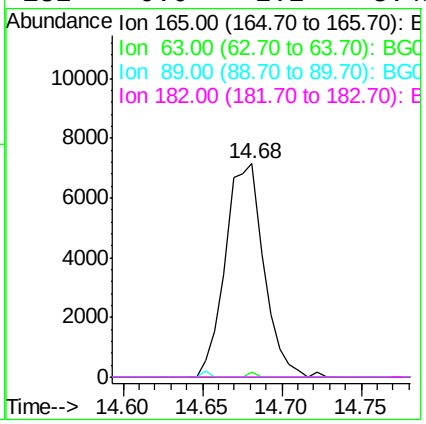


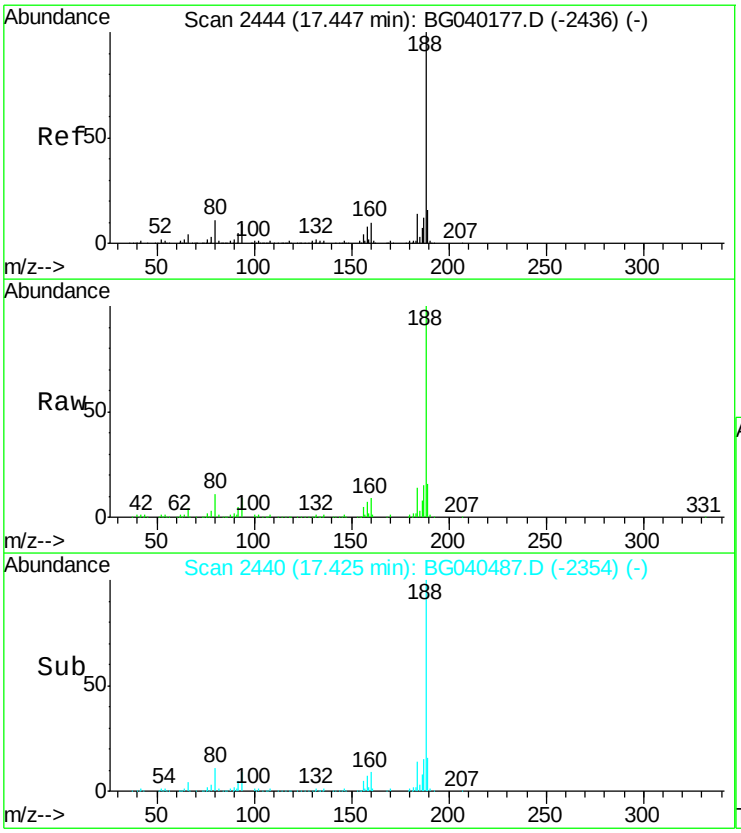

#57
2,4-Dinitrotoluene
Concen: 5.001 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.39 min
Lab File: BG040487.D
Acq: 15 Apr 2019 19:40

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

Tgt Ion:165 Resp: 12024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 2.5 | 33.8 | 50.6# |
| 89 | 0.0 | 55.4 | 83.2# |
| 182 | 0.0 | 2.2 | 3.4# |

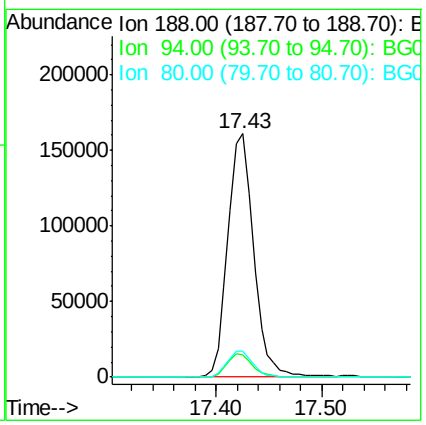


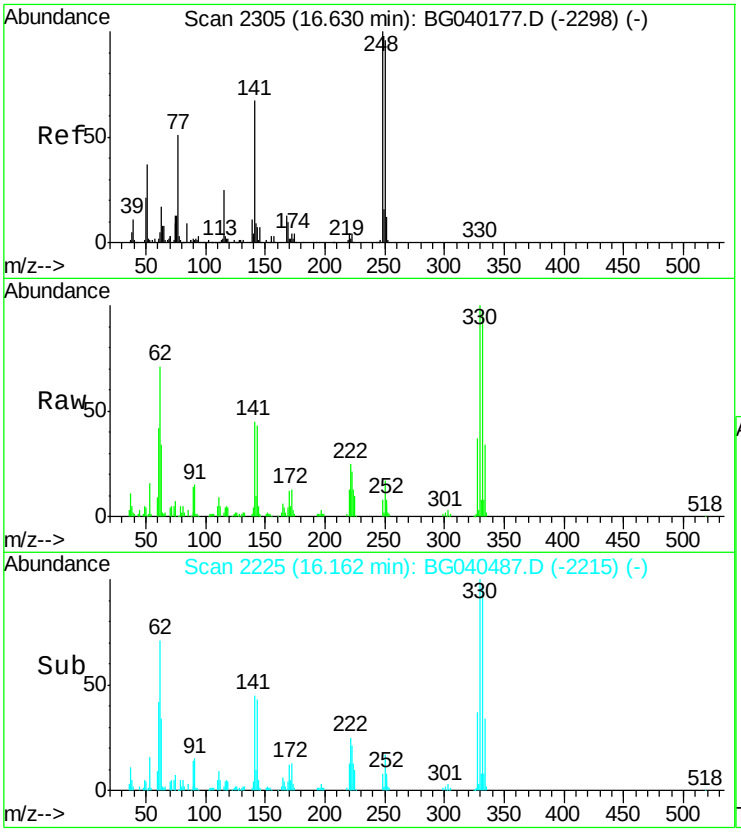




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040487.D
Acq: 15 Apr 2019 19:40

Tgt Ion:188 Resp: 273418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.3 | 7.0 | 10.4 |
| 80 | 10.5 | 8.6 | 13.0 |



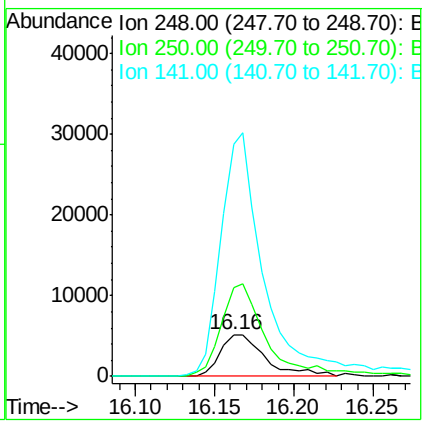


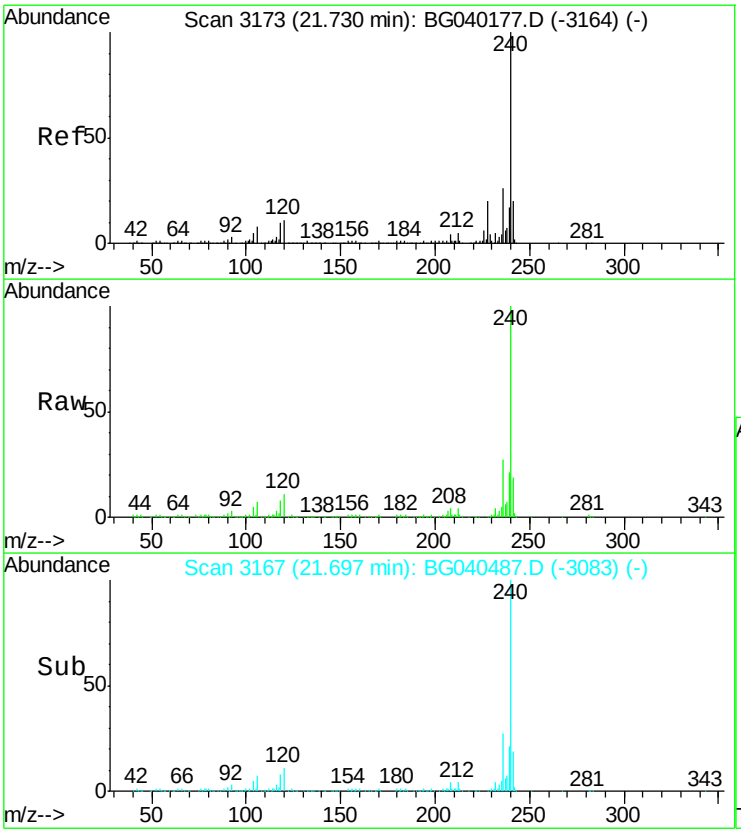

#67
4-Bromophenyl-phenylether
Concen: 3.311 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.47 min
Lab File: BG040487.D
Acq: 15 Apr 2019 19:40

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

Tgt Ion:248 Resp: 10187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 212.8 | 76.4 | 114.6# |
| 141 | 560.0 | 53.8 | 80.8# |

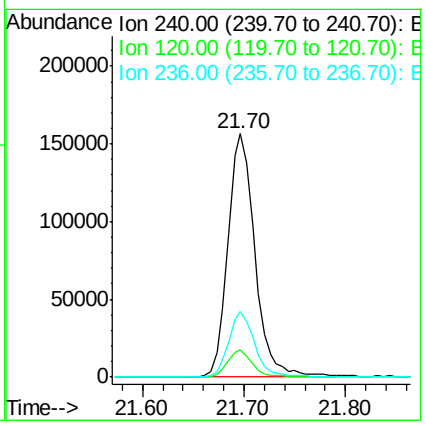


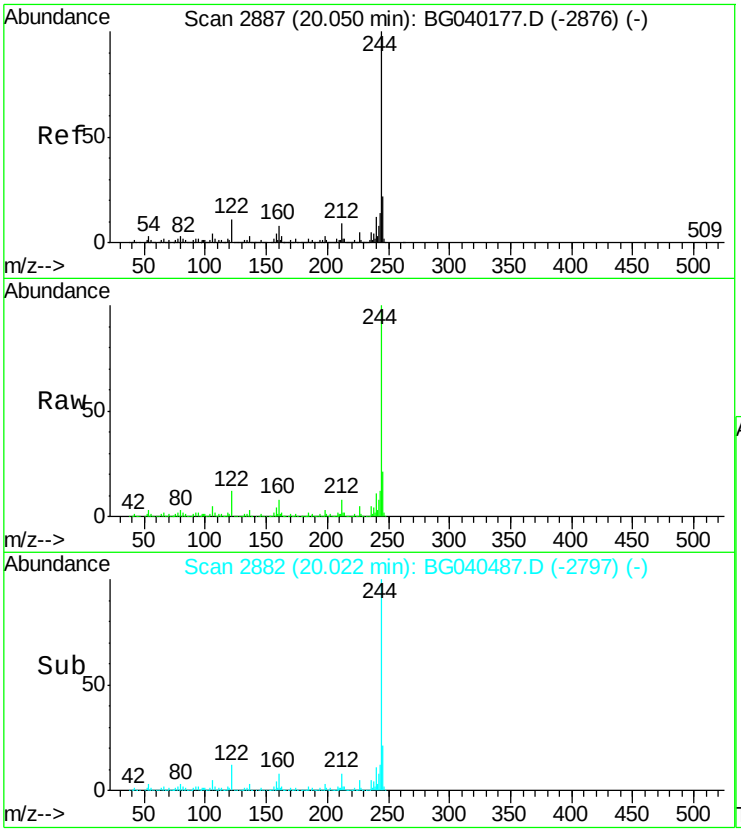




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.03 min
Lab File: BG040487.D
Acq: 15 Apr 2019 19:40

Tgt Ion:240 Resp: 289460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.2 | 8.4 | 12.6 |
| 236 | 26.7 | 20.8 | 31.2 |



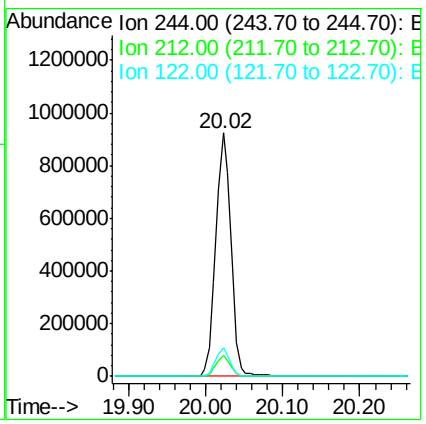


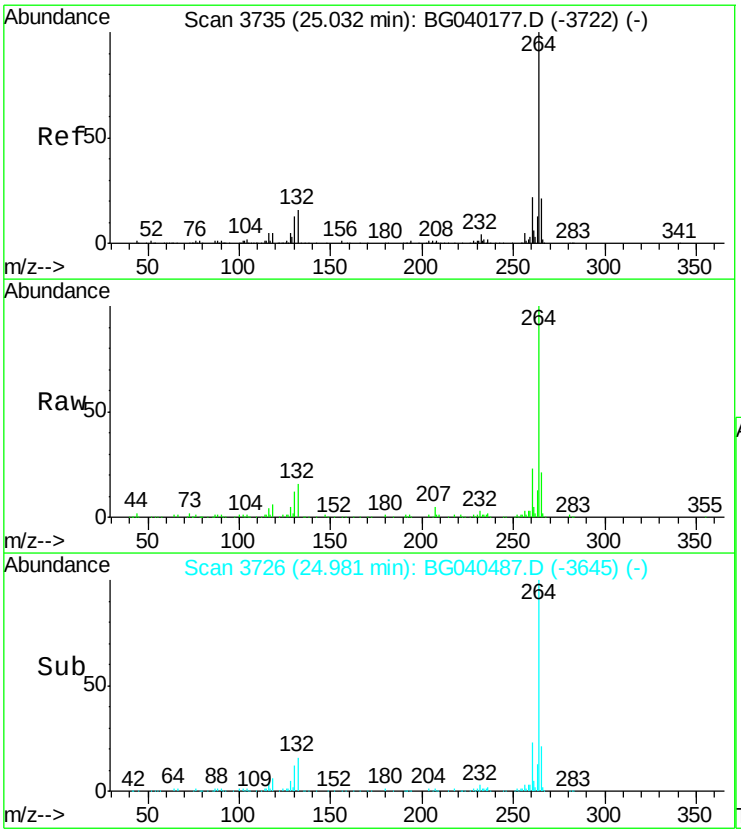

#79
Terphenyl-d14
Concen: 97.151 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.03 min
Lab File: BG040487.D
Acq: 15 Apr 2019 19:40

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

Tgt Ion:244 Resp: 1250027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.5 | 7.0 | 10.6 |
| 122 | 11.7 | 8.5 | 12.7 |




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. -0.05 min
Lab File: BG040487.D
Acq: 15 Apr 2019 19:40

Tgt Ion:264 Resp: 300371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.3 | 17.9 | 26.9 |
| 265 | 21.2 | 16.8 | 25.2 |