Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
Data File : BG040426.D
Acq On : 10 Apr 2019 22:22
Operator : JU/SJ
Sample : K2311-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** 0236-COMP-CS-1-ELTRT

Quant Time: Apr 11 06:09:51 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 | 8.05 | 152 | 64086 | 20.00 | ng | -0.02 |
| 21) Naphthalene-d8 | 10.86 | 136 | 252238 | 20.00 | ng | -0.02 |
| 39) Acenaphthene-d10 | 14.67 | 164 | 150959 | 20.00 | ng | -0.03 |
| 64) Phenanthrene-d10 | 17.42 | 188 | 373417 | 20.00 | ng | -0.02 |
| 76) Chrysene-d12 | 21.69 | 240 | 382272 | 20.00 | ng | -0.04 |
| 87) Perylene-d12 | 24.97 | 264 | 386850 | 20.00 | ng | -0.06 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.60 | 112 | 265228 | 68.80 | ng | -0.02 |
| 7) Phenol-d6 | 7.20 | 99 | 253972 | 47.67 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 9.22 | 82 | 401513 | 84.61 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 16.17 | 330 | 248668 | 152.42 | ng | -0.02 |
| 45) 2-Fluorobiphenyl | 13.30 | 172 | 815750 | 80.07 | ng | -0.02 |
| 79) Terphenyl-d14 | 20.02 | 244 | 1321236 | 77.75 | ng | -0.03 |
| **Target Compounds** | | | | | | Qvalue |
| 38) 1-Methylnaphthalene | 12.73 | 142 | 22537 | 2.431 | ng | 94 |
| 50) Dimethylphthalate | 14.12 | 163 | 44632 | 3.778 | ng | 100 |

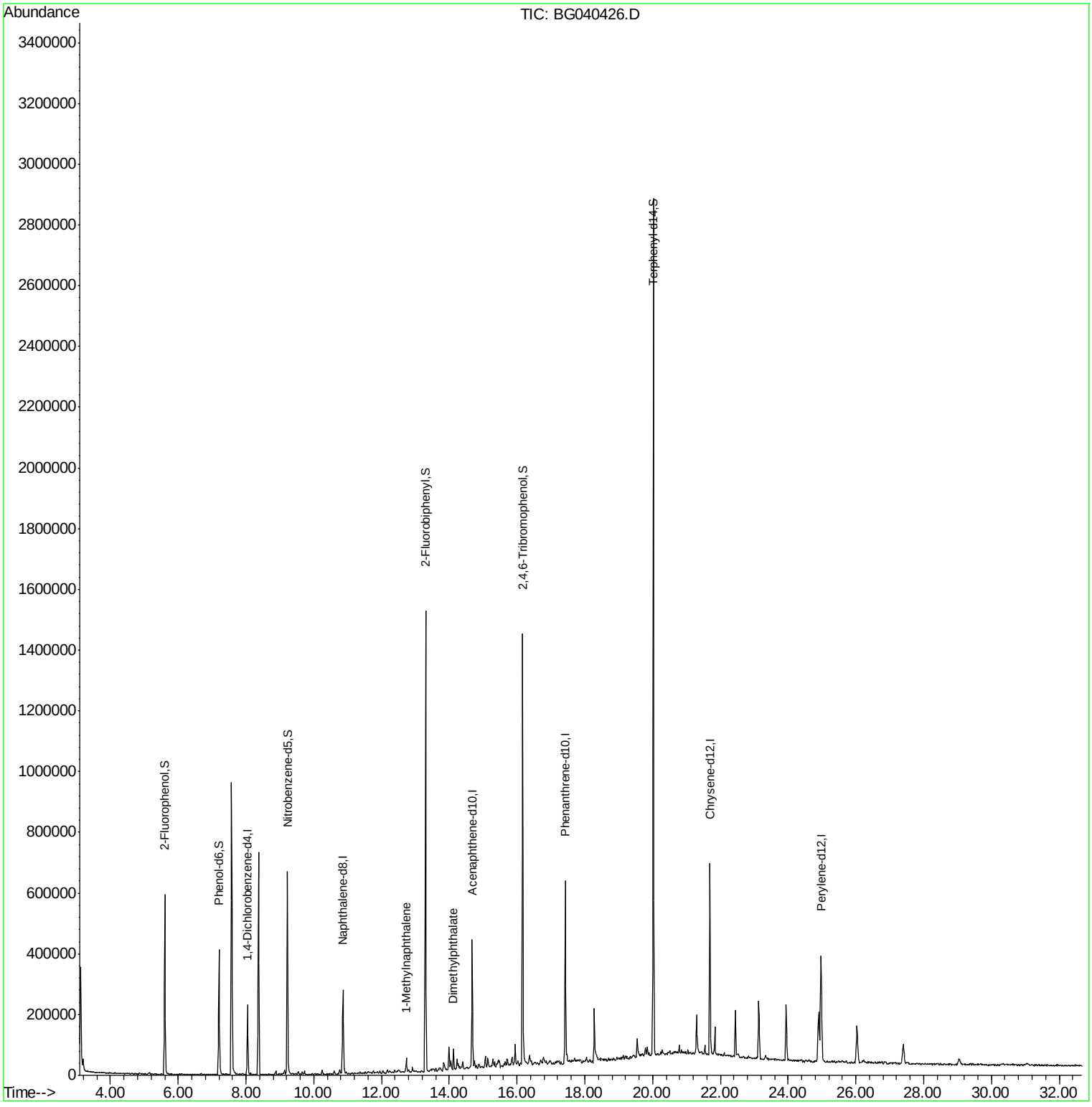
(#) = qualifier out of range (m) = manual integration (+) = signals summed

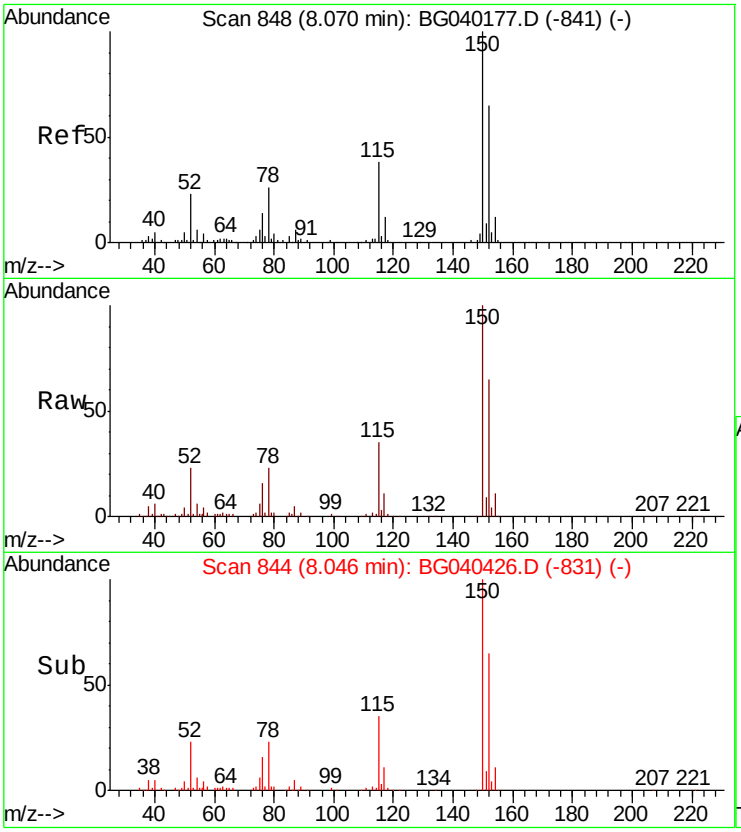
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
Data File : BG040426.D
Acq On : 10 Apr 2019 22:22
Operator : JU/SJ
Sample : K2311-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
0236-COMP-CS-1-ELTRT

Quant Time: Apr 11 06:09:51 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



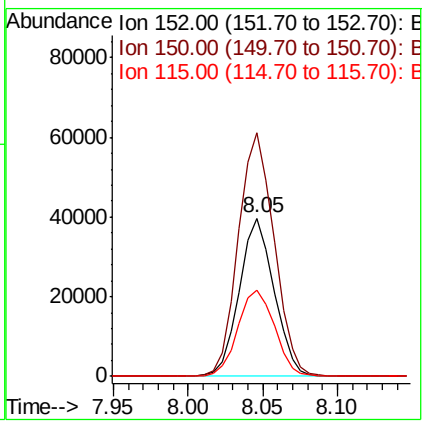


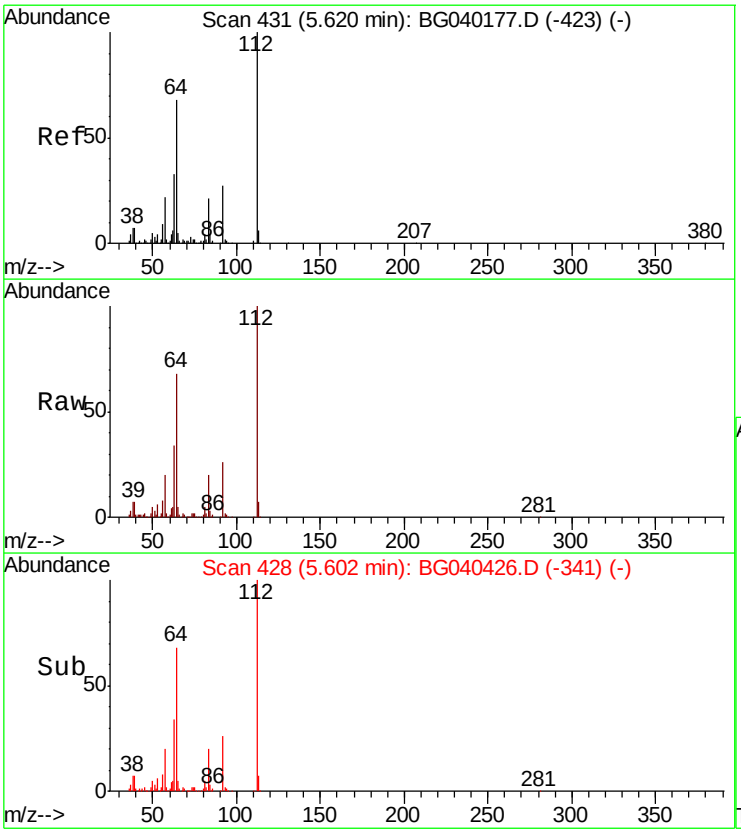

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040426.D
Acq: 10 Apr 2019 22:22

**Instrument :**
BNA_G
**ClientSampleId :**
0236-COMP-CS-1-ELTRT

Tgt Ion:152 Resp: 64086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.0 | 123.7 | 185.5 |
| 115 | 54.2 | 46.9 | 70.3 |

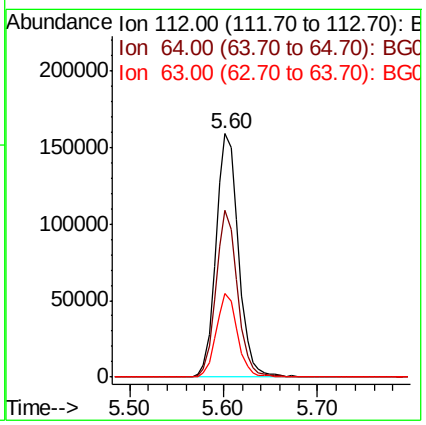


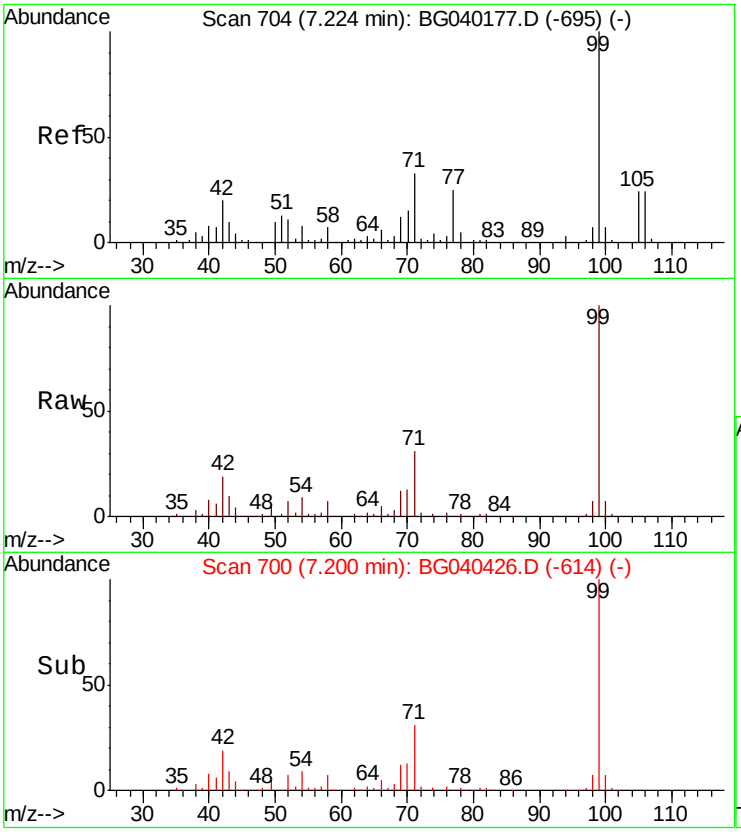




#5
2-Fluorophenol
Concen: 68.801 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040426.D
Acq: 10 Apr 2019 22:22

Tgt Ion:112 Resp: 265228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 68.4 | 54.2 | 81.2 |
| 63 | 34.1 | 26.4 | 39.6 |



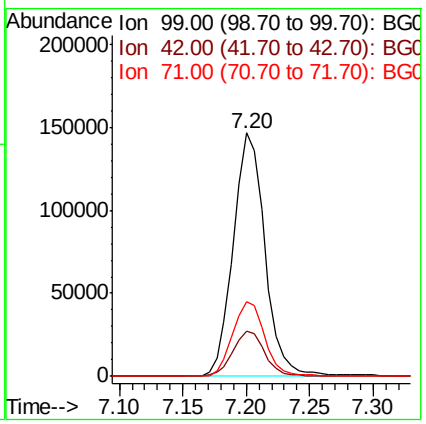


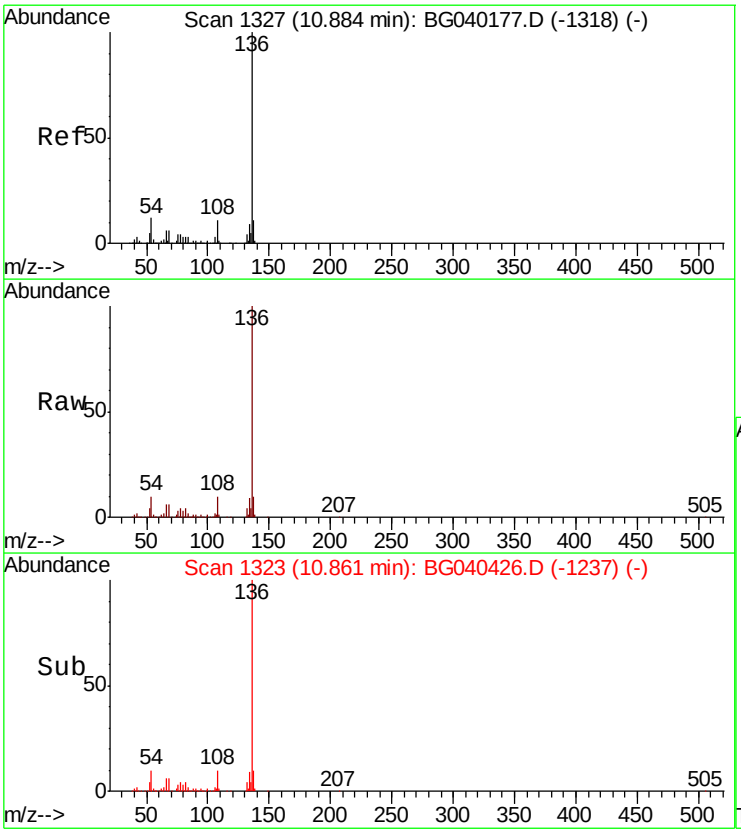

#7
Phenol-d6
Concen: 47.670 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.02 min
Lab File: BG040426.D
Acq: 10 Apr 2019 22:22

**Instrument :**
BNA_G
**ClientSampleId :**
0236-COMP-CS-1-ELTRT

Tgt Ion: 99 Resp: 253972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.5 | 16.2 | 24.2 |
| 71 | 30.7 | 26.8 | 40.2 |

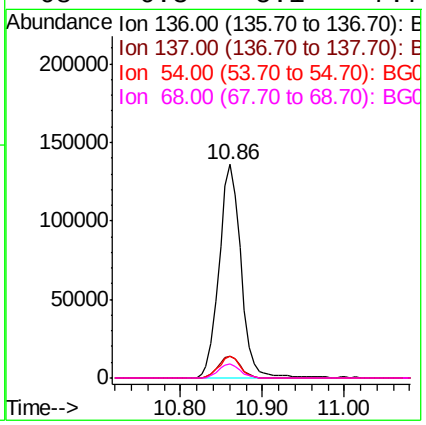


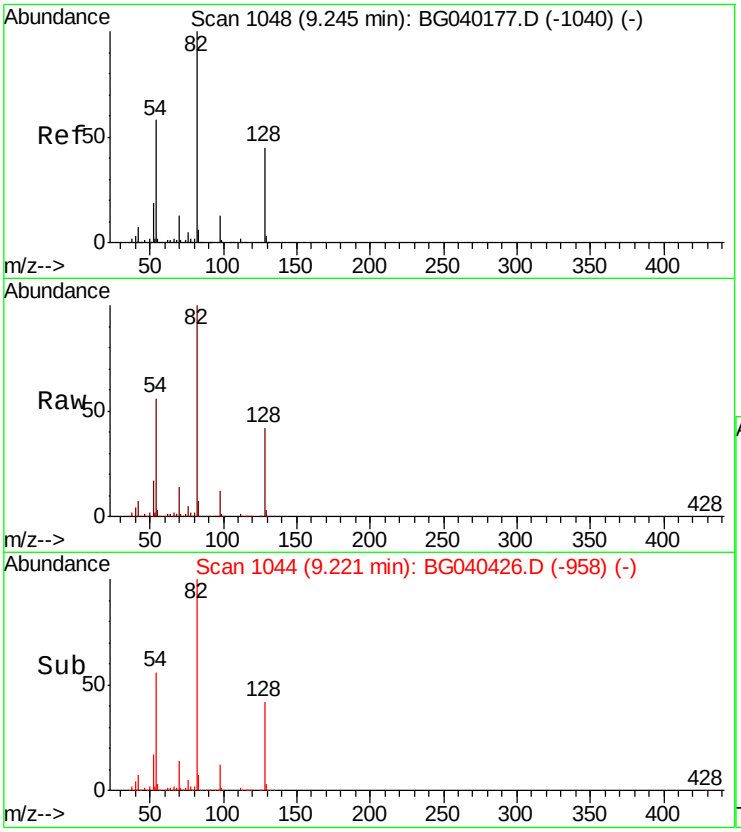




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040426.D
Acq: 10 Apr 2019 22:22

Tgt Ion:136 Resp: 252238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.2 | 8.9 | 13.3 |
| 54 | 10.1 | 9.6 | 14.4 |
| 68 | 6.3 | 5.1 | 7.7 |



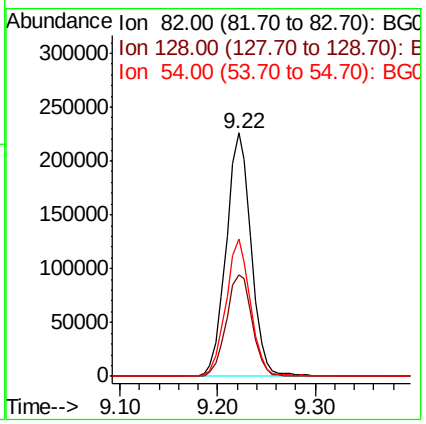


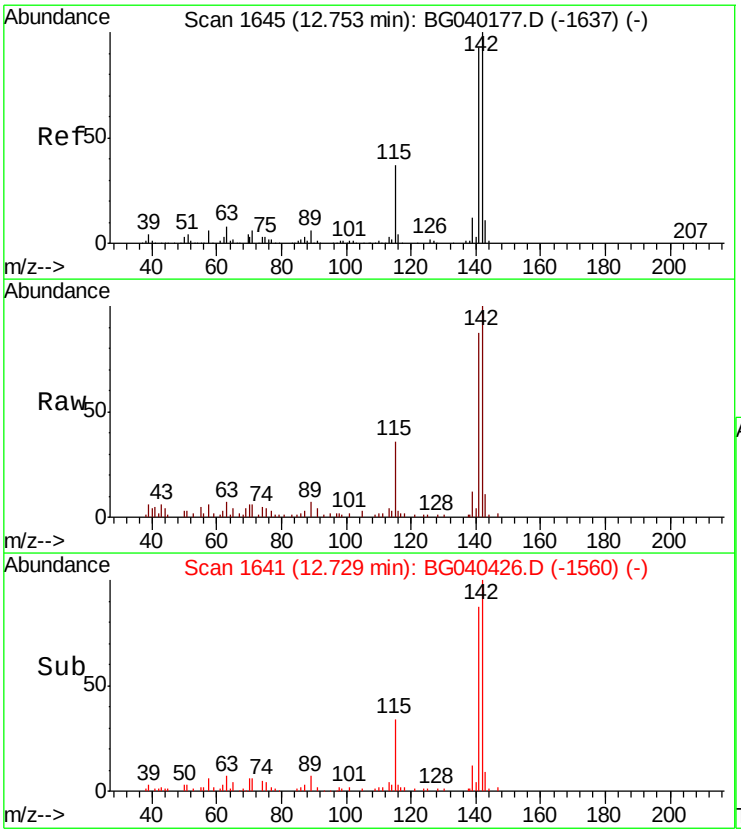

#23
Nitrobenzene-d5
Concen: 84.610 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040426.D
Acq: 10 Apr 2019 22:22

**Instrument :**
BNA_G
**ClientSampleId :**
0236-COMP-CS-1-ELTRT

Tgt Ion: 82 Resp: 401513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.7 | 35.8 | 53.8 |
| 54 | 56.4 | 46.2 | 69.2 |

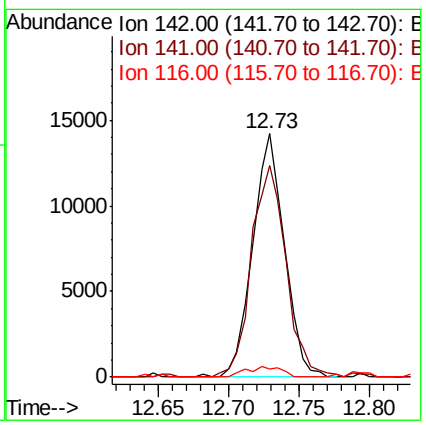


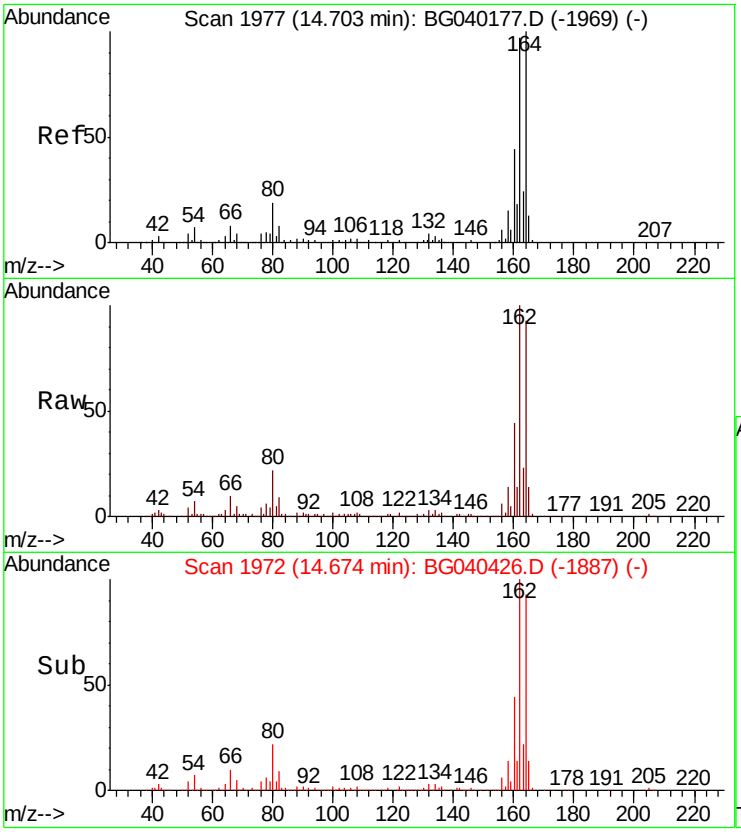




#38
1-Methylnaphthalene
Concen: 2.431 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.02 min
Lab File: BG040426.D
Acq: 10 Apr 2019 22:22

Tgt Ion:142 Resp: 22537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 86.9 | 74.2 | 111.4 |
| 116 | 3.3 | 3.0 | 4.4 |



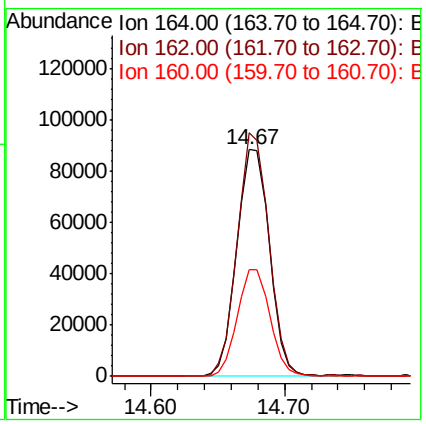


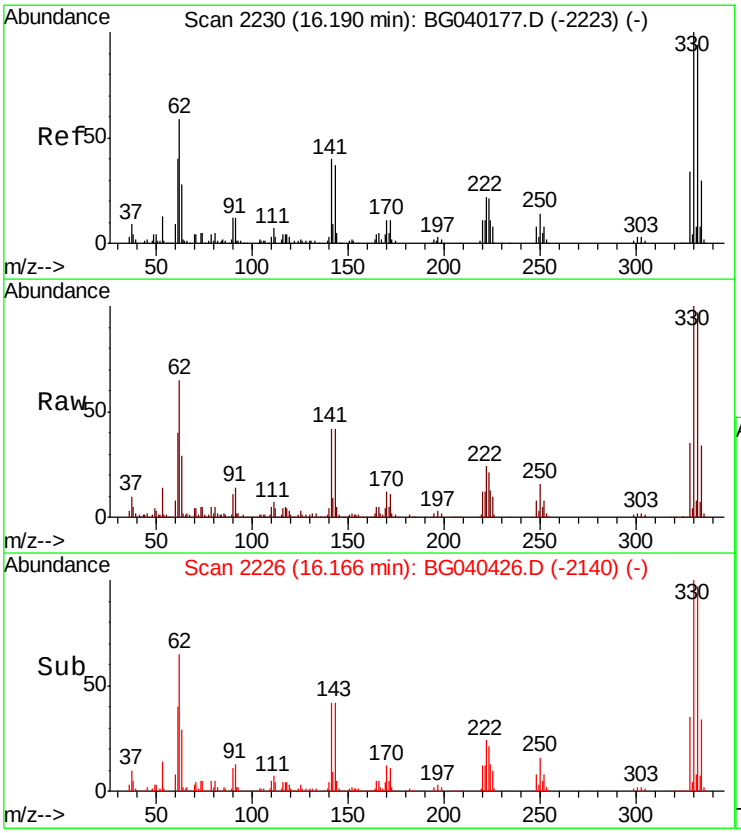

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040426.D
Acq: 10 Apr 2019 22:22

**Instrument :**
BNA_G
**ClientSampleId :**
0236-COMP-CS-1-ELTRT

Tgt Ion:164 Resp: 150959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 107.3 | 77.4 | 116.2 |
| 160 | 47.2 | 35.3 | 52.9 |

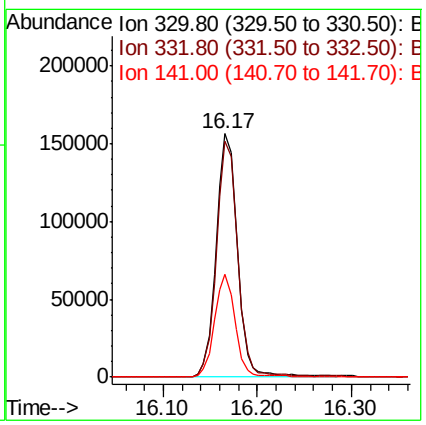


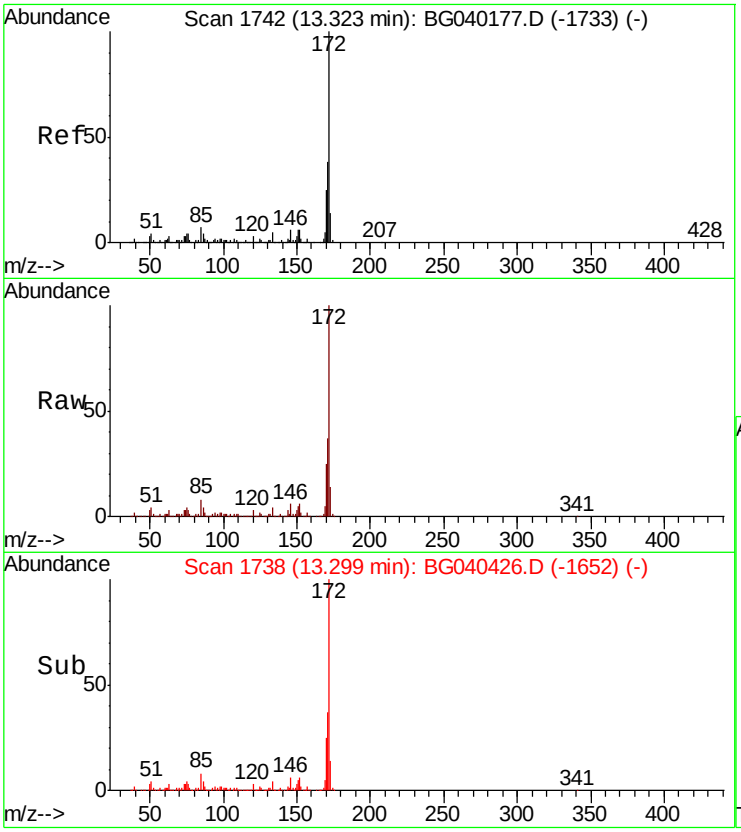




#42
2,4,6-Tribromophenol
Concen: 152.419 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040426.D
Acq: 10 Apr 2019 22:22

Tgt Ion:330 Resp: 248668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.5 | 76.6 | 115.0 |
| 141 | 40.8 | 32.6 | 48.8 |



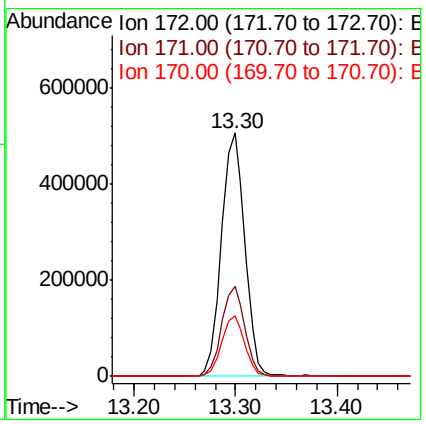


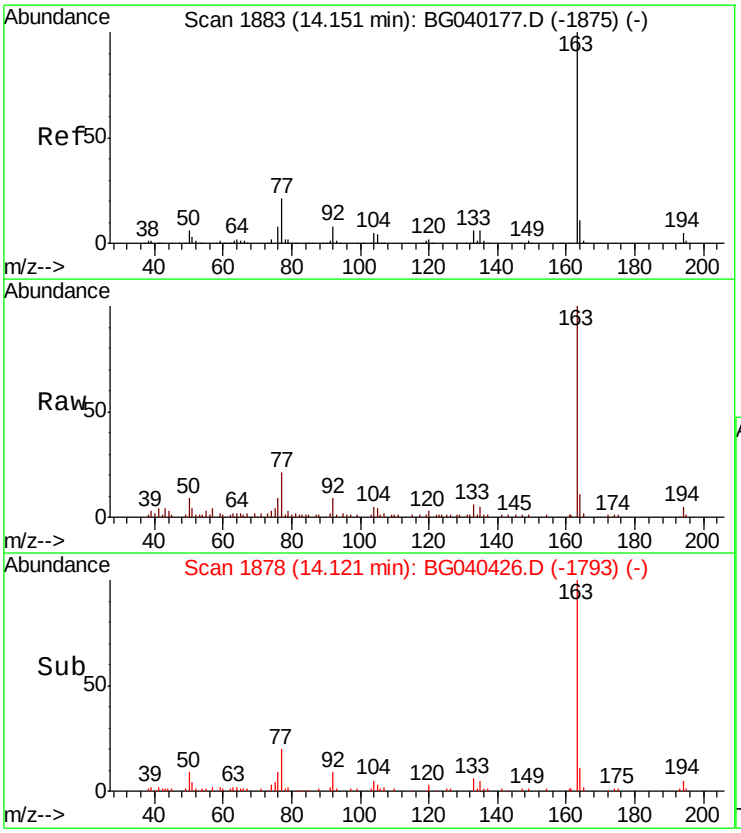

#45
2-Fluorobiphenyl
Concen: 80.071 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040426.D
Acq: 10 Apr 2019 22:22

**Instrument :**
BNA_G
**ClientSampleId :**
0236-COMP-CS-1-ELTRT

Tgt Ion:172 Resp: 815750

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

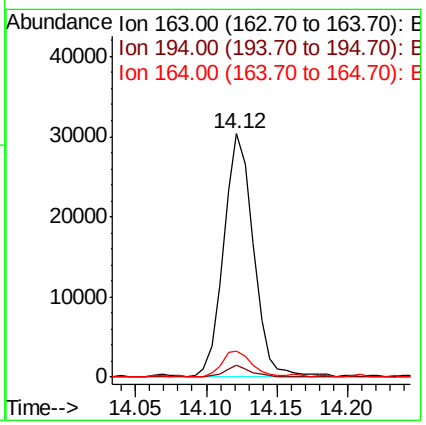


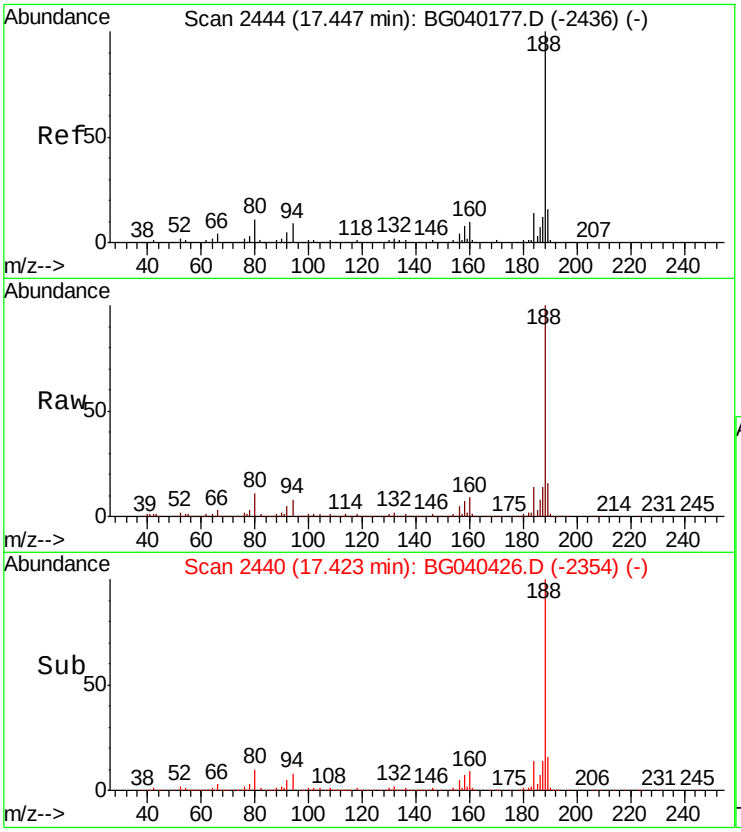




#50
Dimethylphthalate
Concen: 3.778 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.03 min
Lab File: BG040426.D
Acq: 10 Apr 2019 22:22

Tgt Ion:163 Resp: 44632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 5.0 | 4.1 | 6.1 |
| 164 | 10.9 | 8.6 | 13.0 |



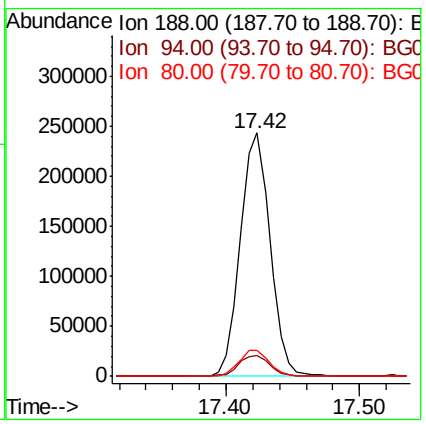


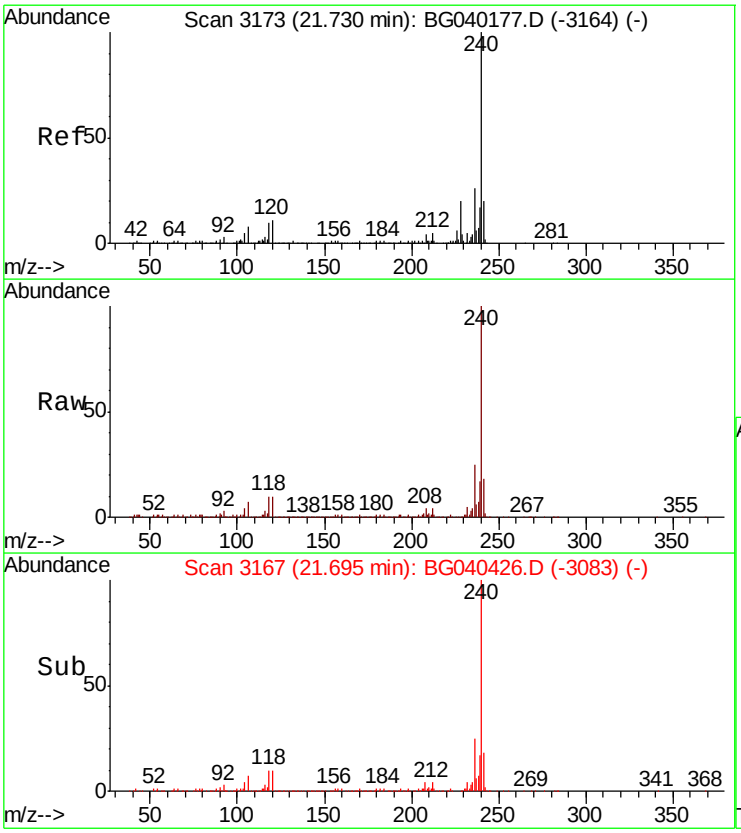

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040426.D
Acq: 10 Apr 2019 22:22

**Instrument :**
BNA_G
**ClientSampleId :**
0236-COMP-CS-1-ELTRT

Tgt Ion:188 Resp: 373417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.5 | 7.0 | 10.4 |
| 80 | 10.6 | 8.6 | 13.0 |

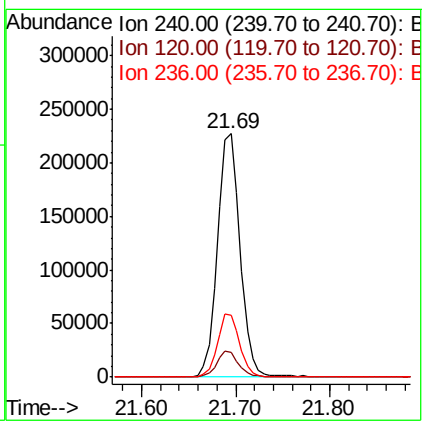


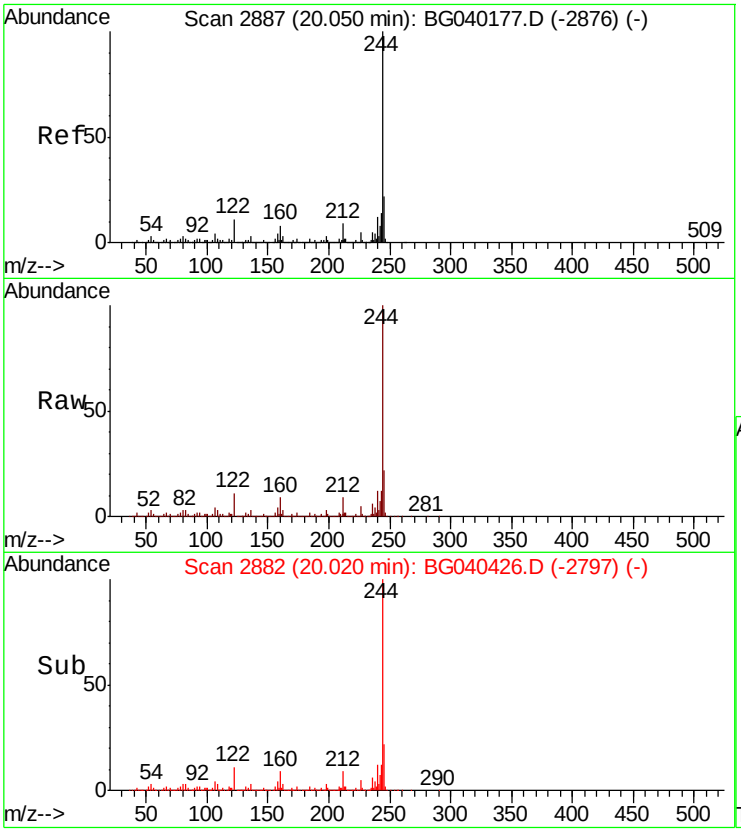




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.04 min
Lab File: BG040426.D
Acq: 10 Apr 2019 22:22

Tgt Ion:240 Resp: 382272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.9 | 8.4 | 12.6 |
| 236 | 25.4 | 20.8 | 31.2 |



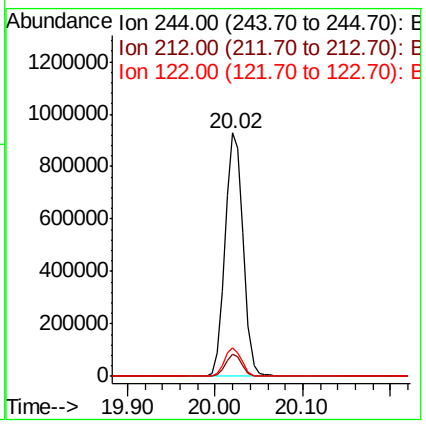


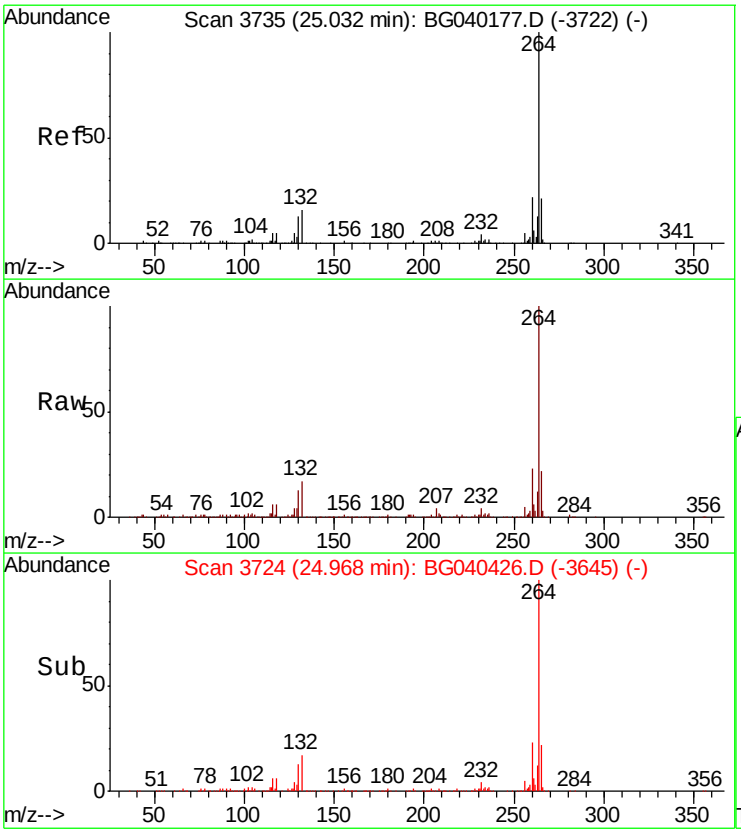

#79
Terphenyl-d14
Concen: 77.754 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.03 min
Lab File: BG040426.D
Acq: 10 Apr 2019 22:22

**Instrument :**
BNA_G
**ClientSampleId :**
0236-COMP-CS-1-ELTRT

Tgt Ion:244 Resp: 1321236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.9 | 7.0 | 10.6 |
| 122 | 11.5 | 8.5 | 12.7 |




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3724
Delta R.T. -0.06 min
Lab File: BG040426.D
Acq: 10 Apr 2019 22:22

Tgt Ion:264 Resp: 386850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.1 | 17.9 | 26.9 |
| 265 | 22.1 | 16.8 | 25.2 |