Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
Data File : BG029395.D
Acq On : 21 Oct 2017 17:22
Operator : SJ/JU
Sample : I5993-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Oct 21 22:39:14 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.16 | 152 | 53670 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.98 | 136 | 250671 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 14.78 | 164 | 172255 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 17.52 | 188 | 428069 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 21.79 | 240 | 485413 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 25.09 | 264 | 507190 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.71 | 112 | 224659 | 69.93 | ng | | 0.00 |
| 7) Phenol-d6 | 7.31 | 99 | 192408 | 42.67 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 9.33 | 82 | 392861 | 99.59 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 16.26 | 330 | 383424 | 172.40 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 13.41 | 172 | 1105922 | 94.16 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.11 | 244 | 1753599 | 82.18 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 15) Benzyl Alcohol | 8.48 | 79 | 6661 | 2.096 | ng | # | 41 |
| 49) Dimethylphthalate | 14.22 | 163 | 65757 | 4.893 | ng | | 98 |
| 50) 2,6-Dinitrotoluene | 14.30 | 165 | 10822 | 3.841 | ng | # | 22 |
| 70) Phenanthrene | 17.56 | 178 | 85447 | 3.864 | ng | | 98 |

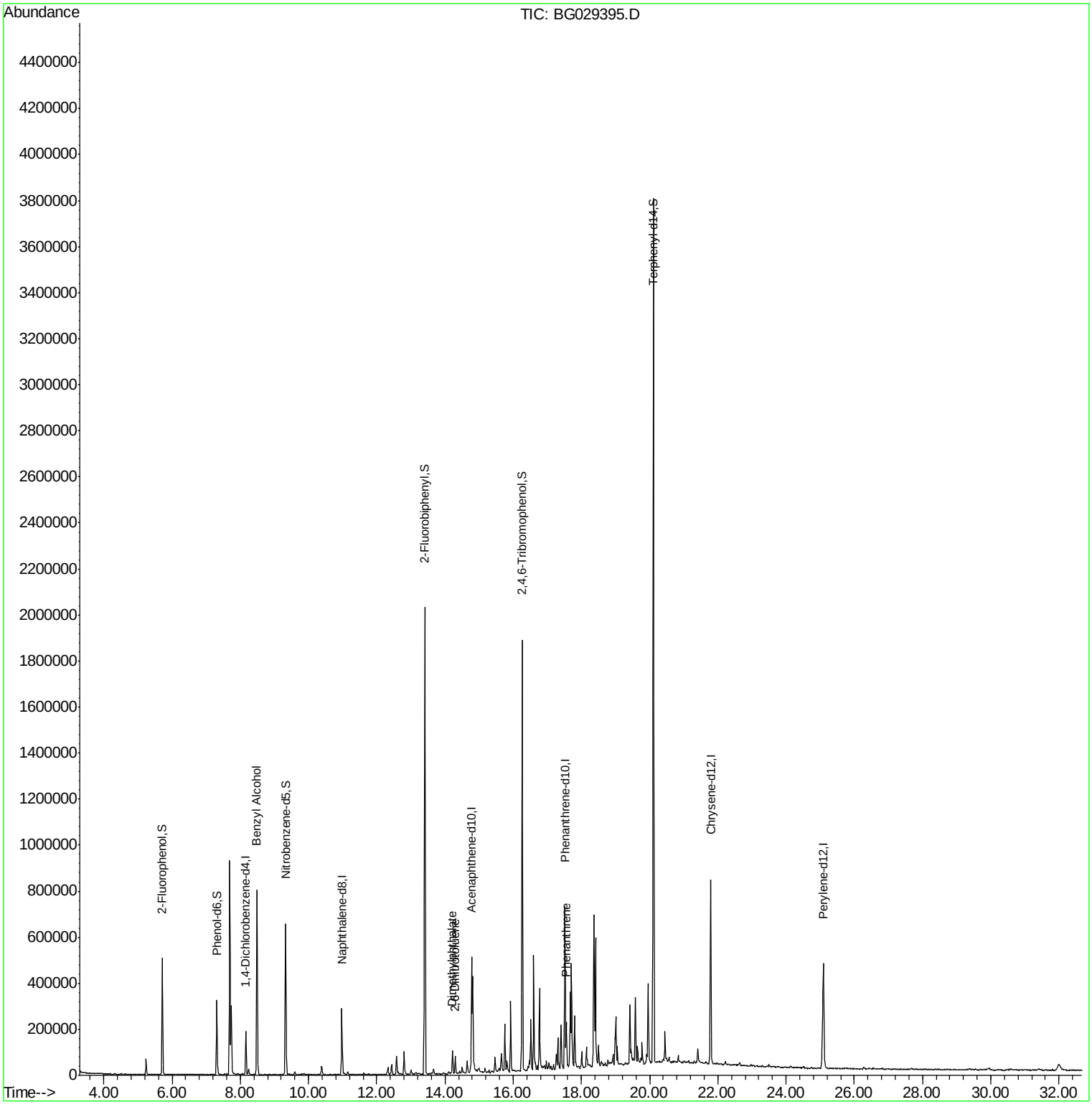
(#) = qualifier out of range (m) = manual integration (+) = signals summed

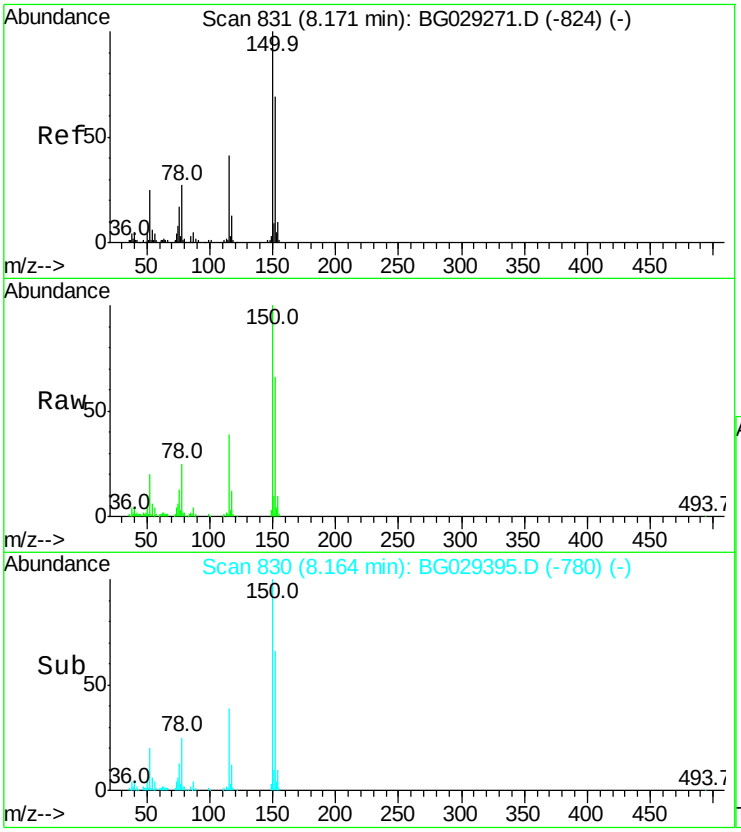
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
Data File : BG029395.D
Acq On : 21 Oct 2017 17:22
Operator : SJ/JU
Sample : I5993-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Oct 21 22:39:14 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration



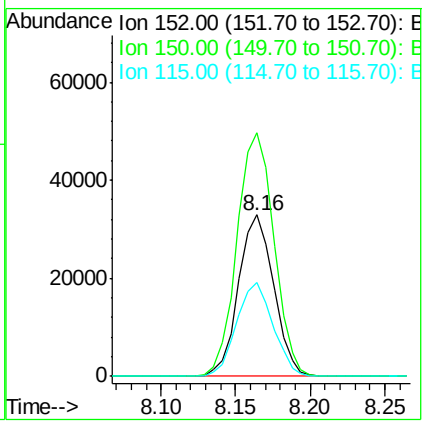


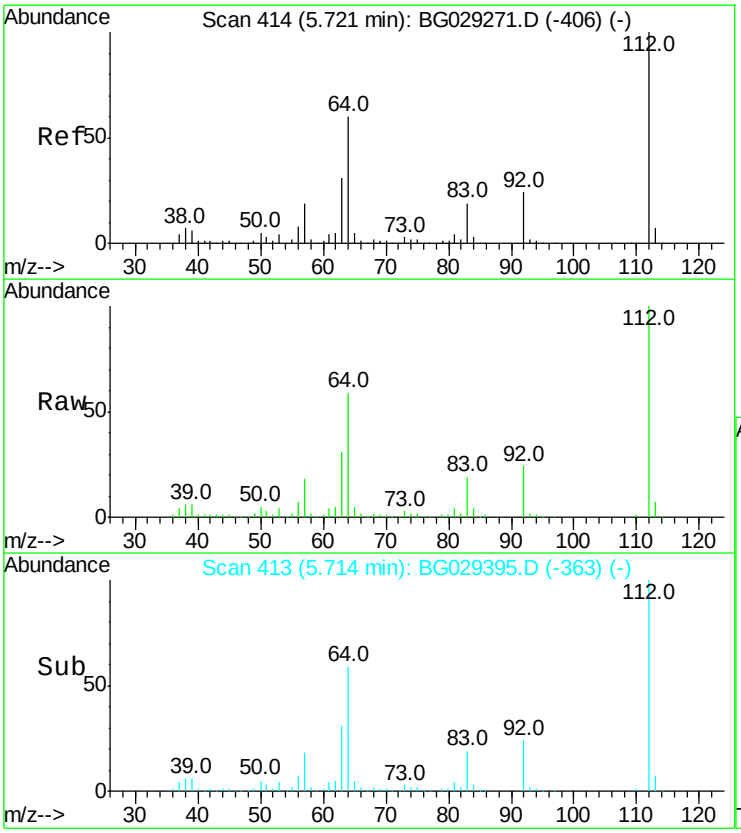

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG029395.D
Acq: 21 Oct 2017 17:22

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

Tgt Ion:152 Resp: 53670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 151.0 | 126.6 | 189.8 |
| 115 | 58.3 | 53.0 | 79.4 |

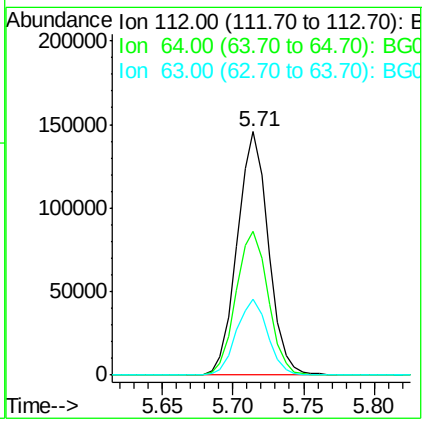


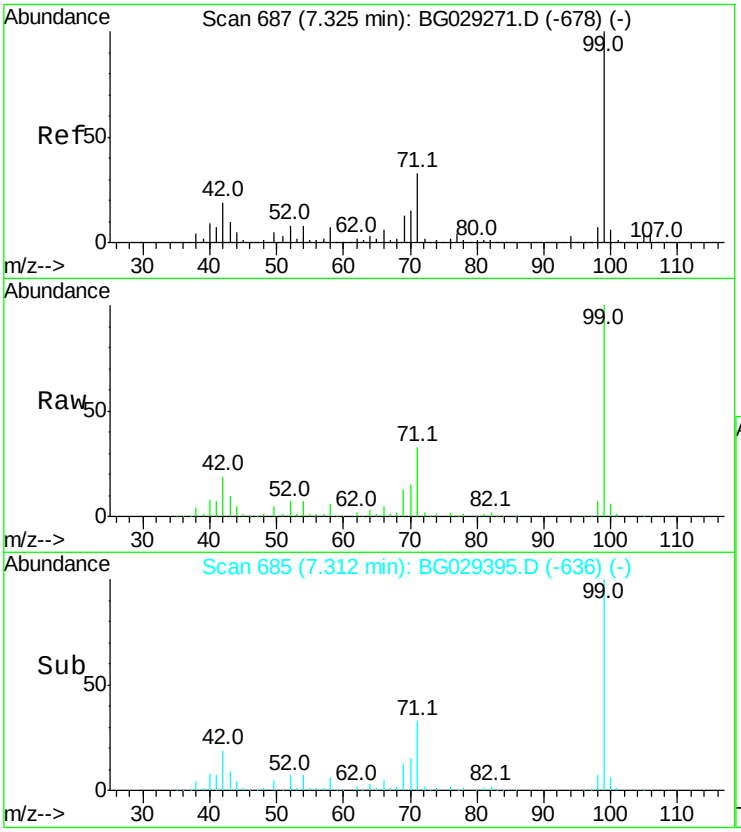




#5
2-Fluorophenol
Concen: 69.928 ng
RT: 5.71 min Scan# 413
Delta R.T. -0.01 min
Lab File: BG029395.D
Acq: 21 Oct 2017 17:22

Tgt Ion:112 Resp: 224659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.1 | 56.3 | 84.5 |
| 63 | 31.0 | 30.1 | 45.1 |



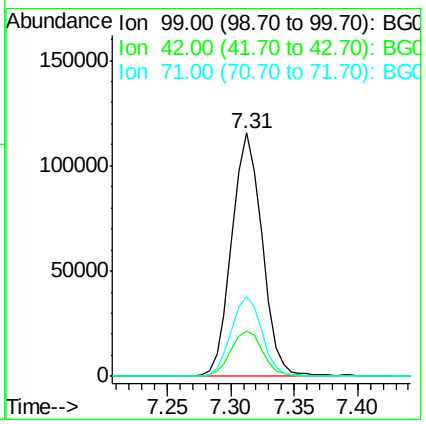


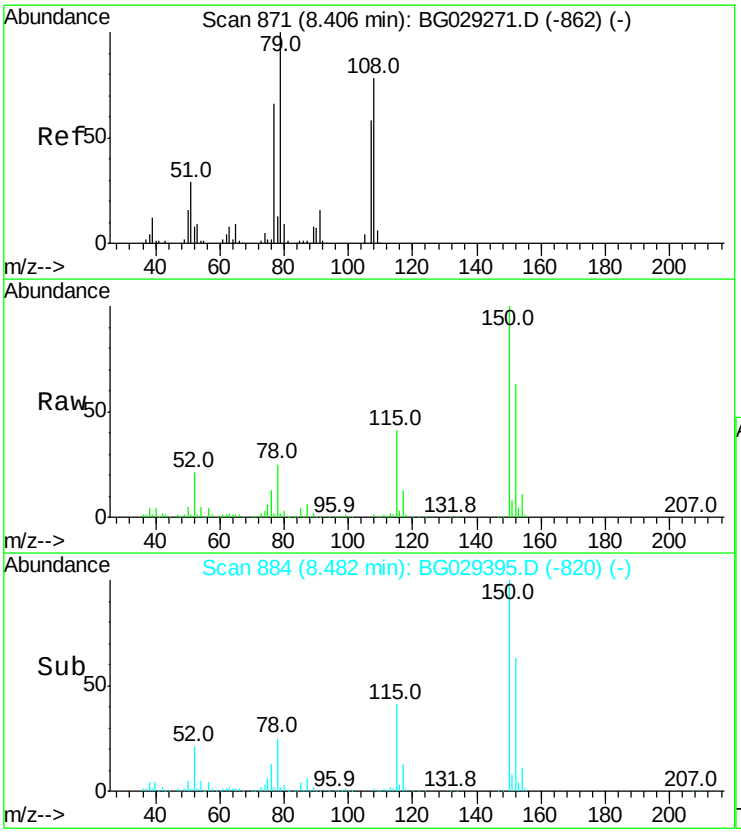

#7
Phenol-d6
Concen: 42.667 ng
RT: 7.31 min Scan# 685
Delta R.T. -0.01 min
Lab File: BG029395.D
Acq: 21 Oct 2017 17:22

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

Tgt Ion: 99 Resp: 192408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.7 | 14.1 | 21.1 |
| 71 | 32.6 | 26.1 | 39.1 |

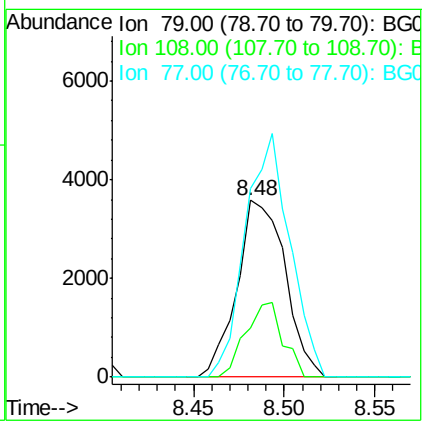


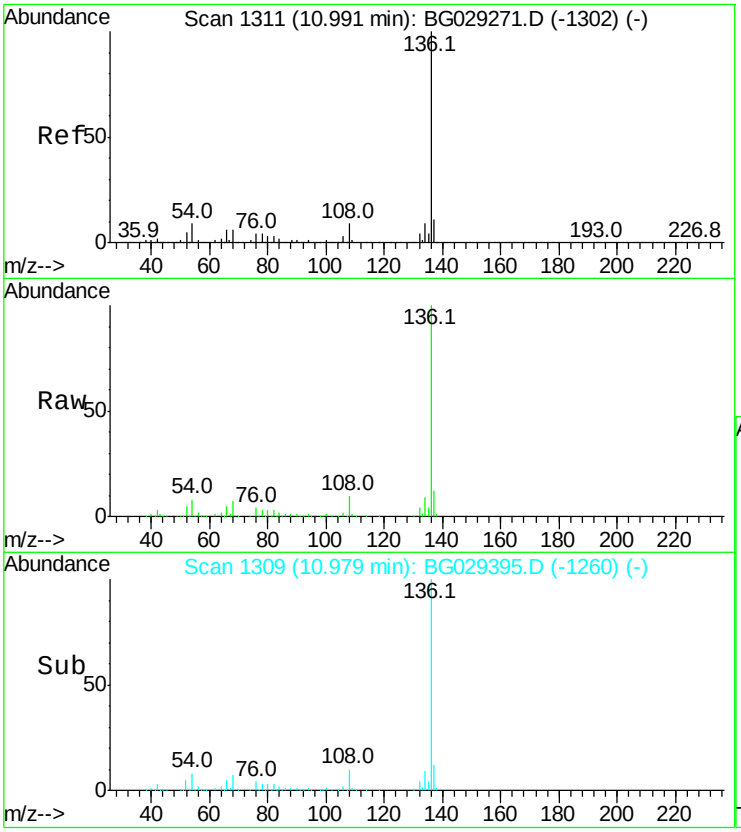




#15
Benzyl Alcohol
Concen: 2.096 ng
RT: 8.48 min Scan# 884
Delta R.T. 0.08 min
Lab File: BG029395.D
Acq: 21 Oct 2017 17:22

Tgt Ion: 79 Resp: 6661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 27.4 | 57.2 | 85.8# |
| 77 | 106.8 | 46.1 | 69.1# |



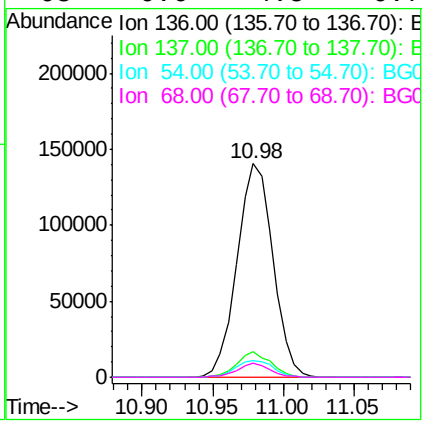


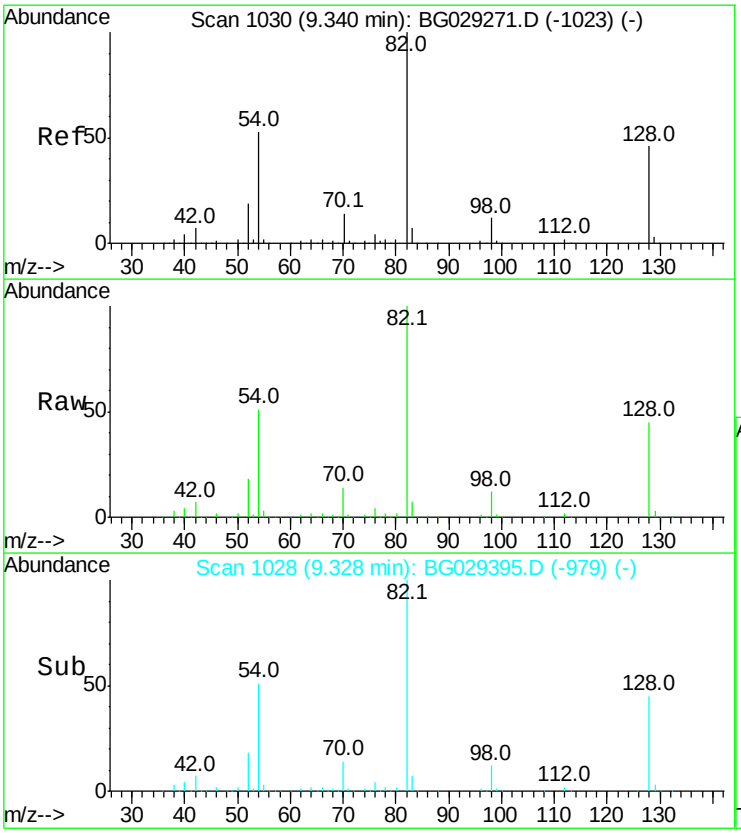

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG029395.D
Acq: 21 Oct 2017 17:22

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

Tgt Ion:136 Resp: 250671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.0 | 9.2 | 13.8 |
| 54 | 7.9 | 10.3 | 15.5# |
| 68 | 6.6 | 4.5 | 6.7 |

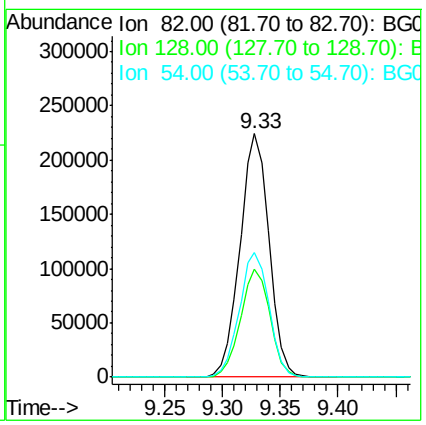


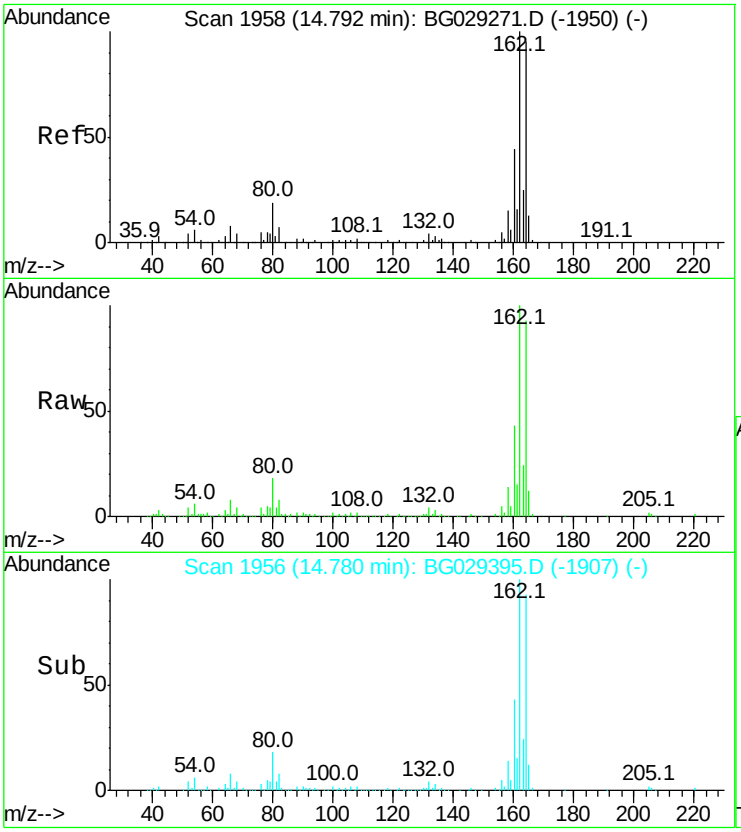




#23
Nitrobenzene-d5
Concen: 99.594 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029395.D
Acq: 21 Oct 2017 17:22

Tgt Ion: 82 Resp: 392861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.5 | 29.7 | 44.5# |
| 54 | 51.3 | 43.1 | 64.7 |



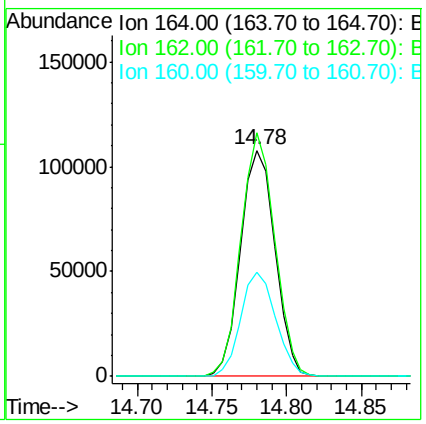


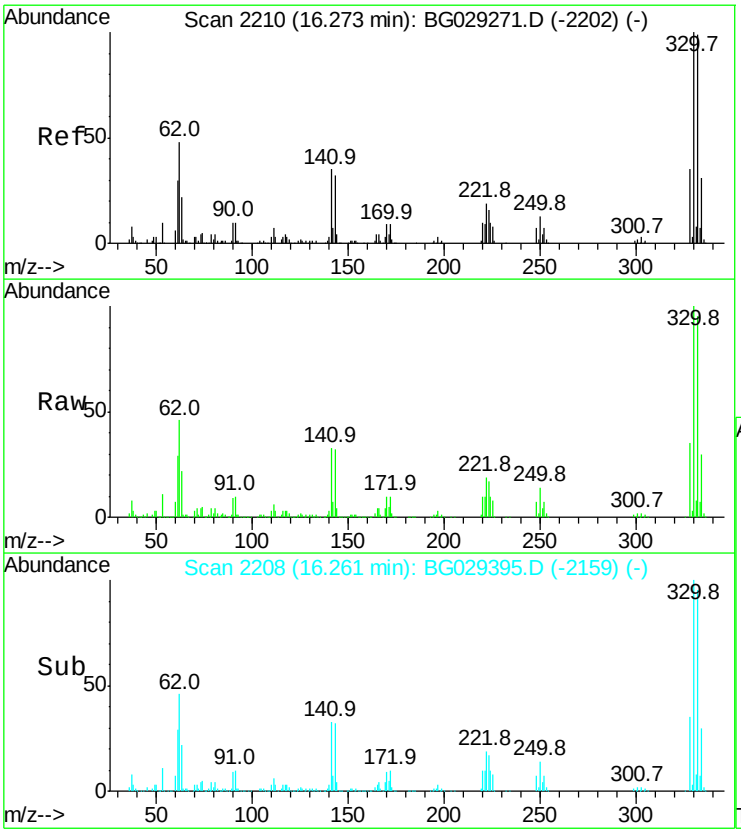

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG029395.D
Acq: 21 Oct 2017 17:22

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

Tgt Ion:164 Resp: 172255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 107.7 | 78.8 | 118.2 |
| 160 | 46.1 | 35.4 | 53.0 |

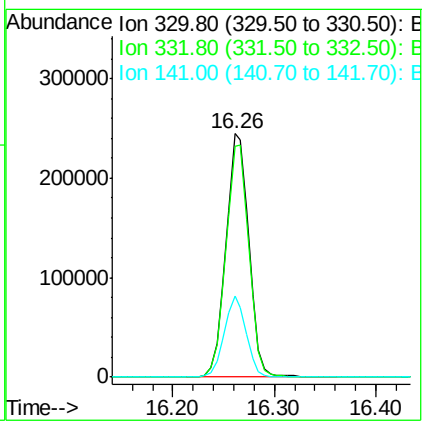


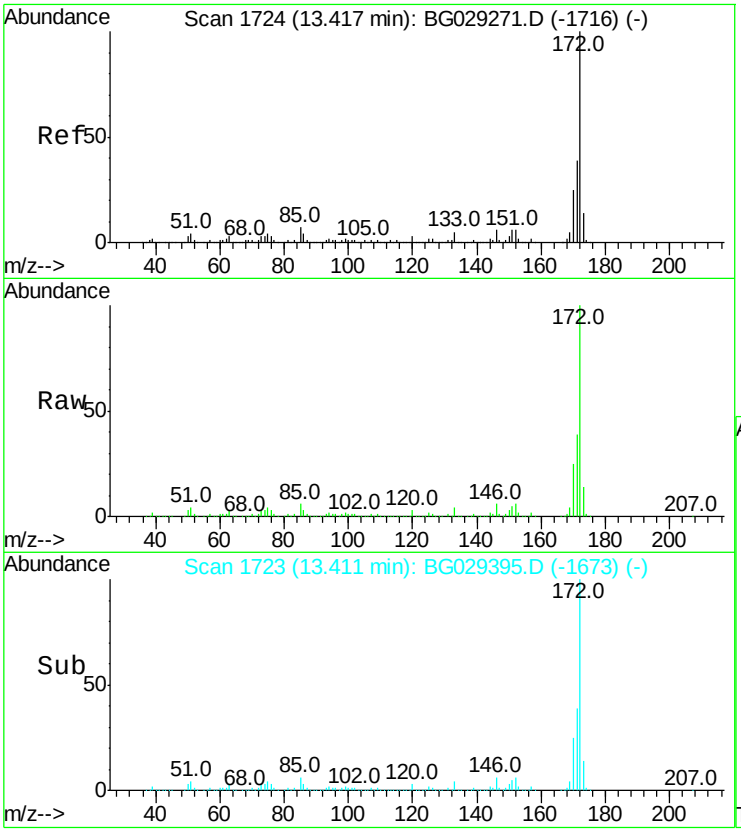




#41
2,4,6-Tribromophenol
Concen: 172.404 ng
RT: 16.26 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG029395.D
Acq: 21 Oct 2017 17:22

Tgt Ion:330 Resp: 383424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.3 | 77.0 | 115.6 |
| 141 | 31.9 | 25.2 | 37.8 |



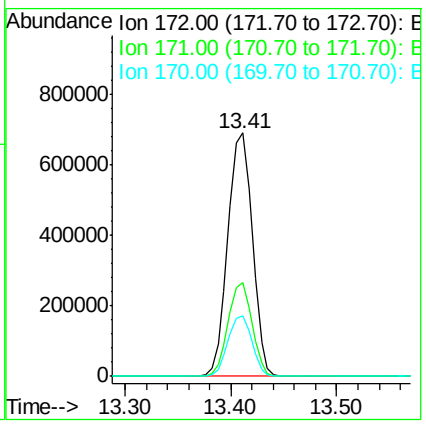


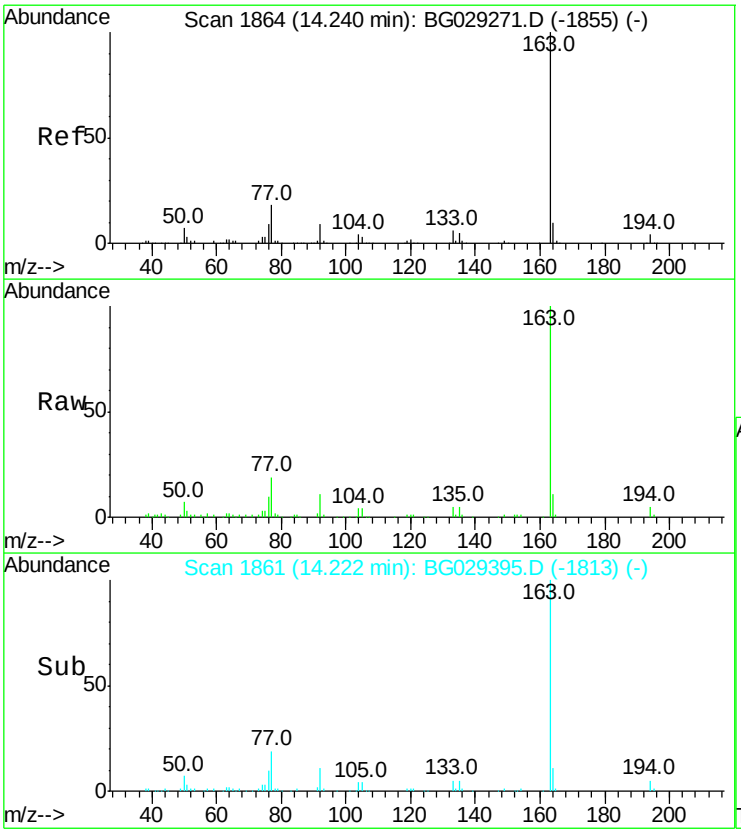

#44
2-Fluorobiphenyl
Concen: 94.163 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG029395.D
Acq: 21 Oct 2017 17:22

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

Tgt Ion:172 Resp: 1105922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 38.8 | 30.0 | 45.0 |
| 170 | 25.0 | 19.5 | 29.3 |

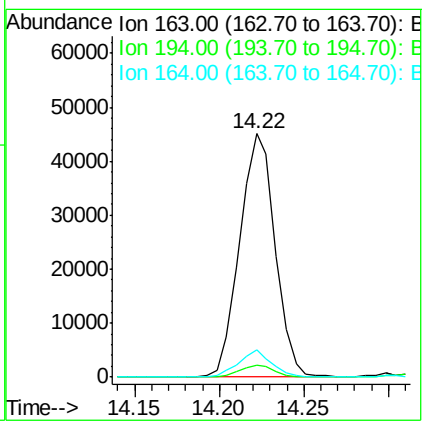


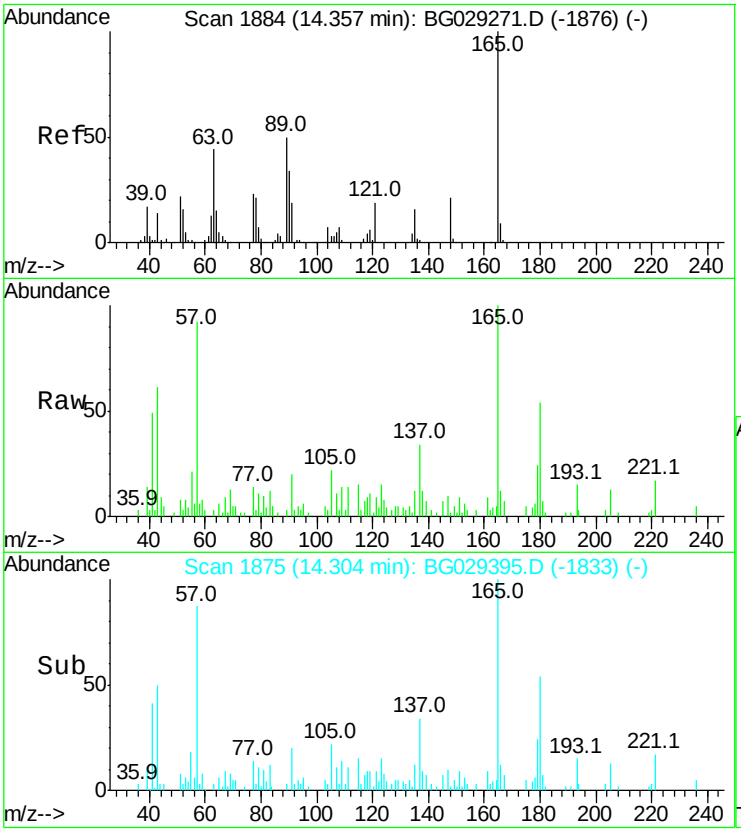




#49
Dimethylphthalate
Concen: 4.893 ng
RT: 14.22 min Scan# 1861
Delta R.T. -0.02 min
Lab File: BG029395.D
Acq: 21 Oct 2017 17:22

Tgt Ion:163 Resp: 65757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 5.0 | 3.4 | 5.2 |
| 164 | 11.1 | 8.2 | 12.4 |



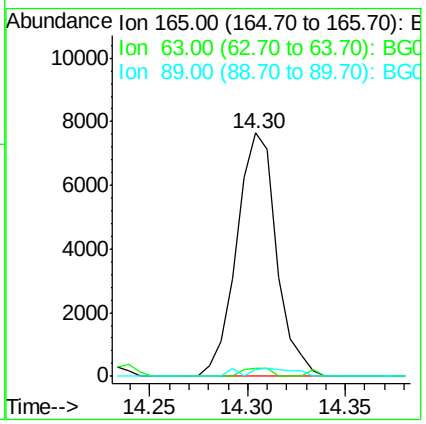


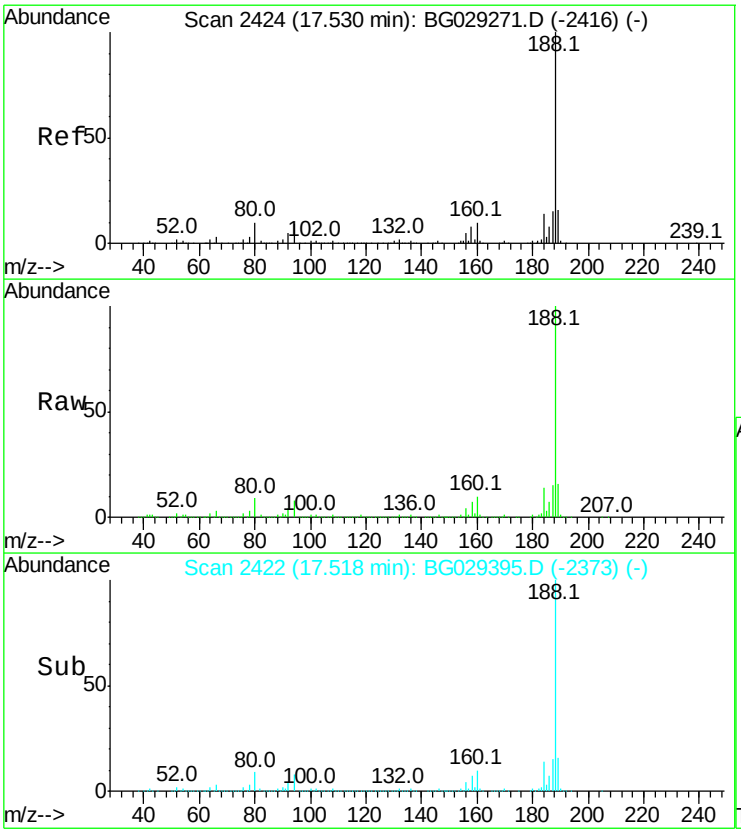

#50
2,6-Dinitrotoluene
Concen: 3.841 ng
RT: 14.30 min Scan# 1875
Delta R.T. -0.05 min
Lab File: BG029395.D
Acq: 21 Oct 2017 17:22

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

Tgt Ion:165 Resp: 10822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 3.4 | 52.7 | 79.1# |
| 89 | 2.9 | 49.2 | 73.8# |

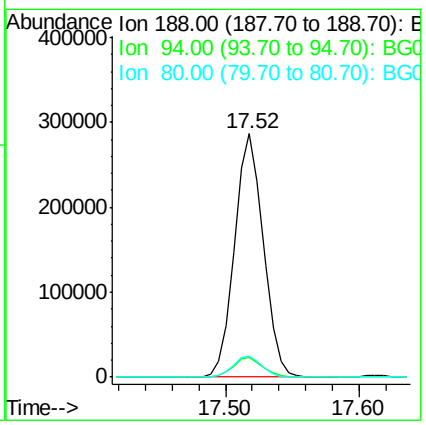


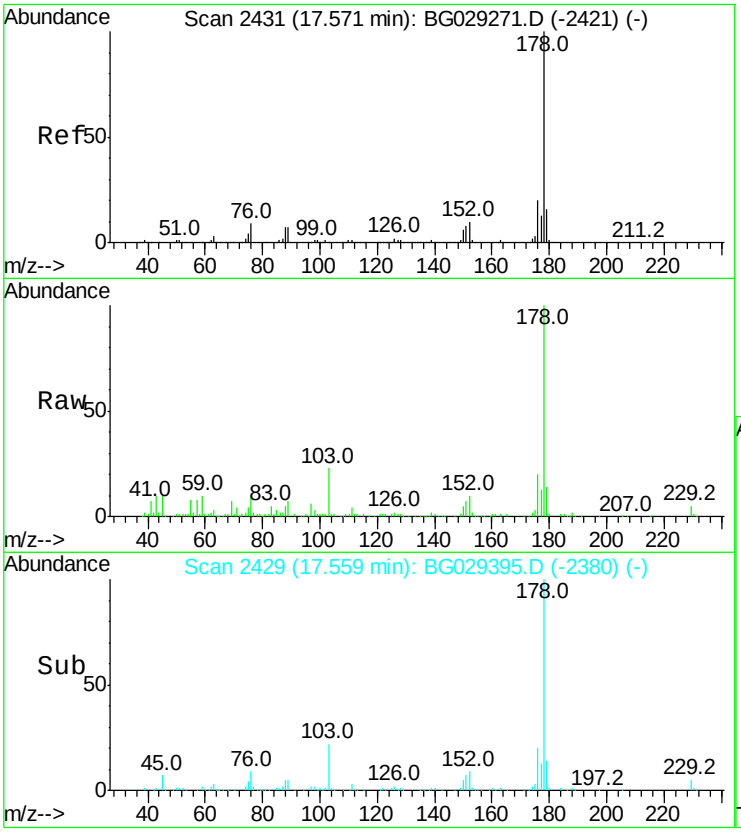




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029395.D
Acq: 21 Oct 2017 17:22

Tgt Ion:188 Resp: 428069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.9 | 6.9 | 10.3 |
| 80 | 8.8 | 7.7 | 11.5 |



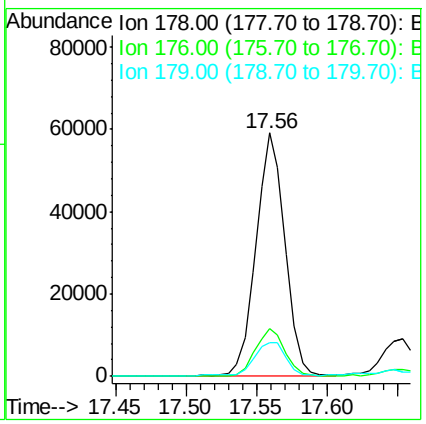


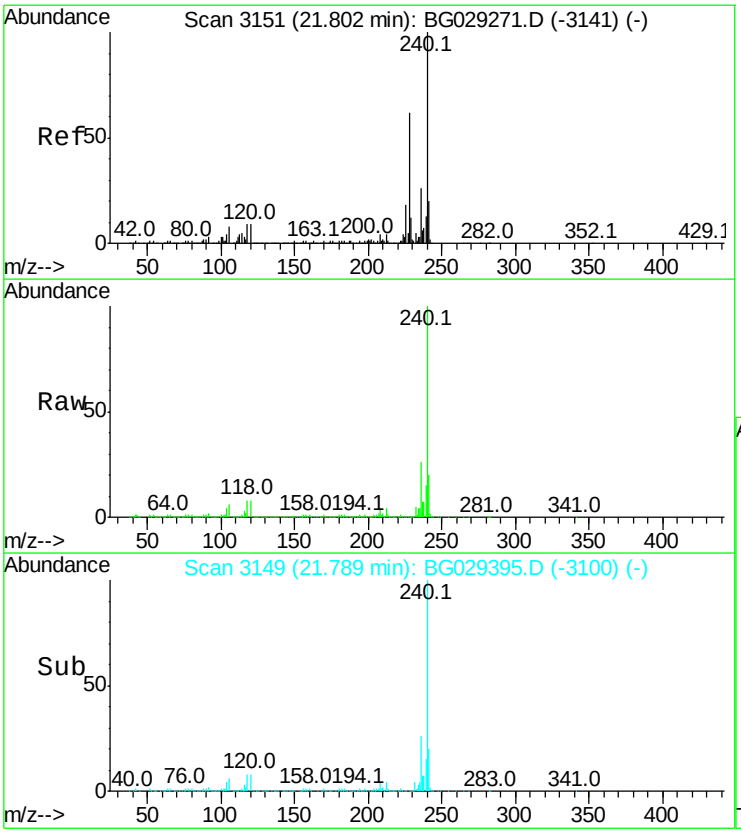

#70
Phenanthrene
Concen: 3.864 ng
RT: 17.56 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG029395.D
Acq: 21 Oct 2017 17:22

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

Tgt Ion:178 Resp: 85447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.8 | 15.7 | 23.5 |
| 179 | 13.9 | 12.5 | 18.7 |

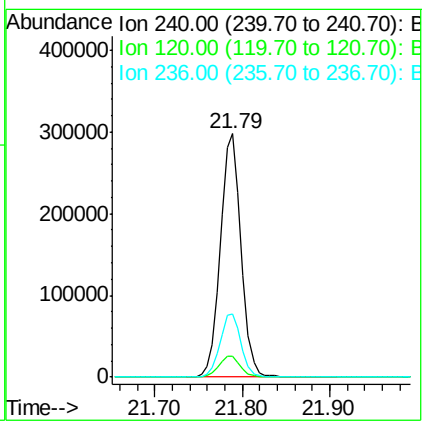


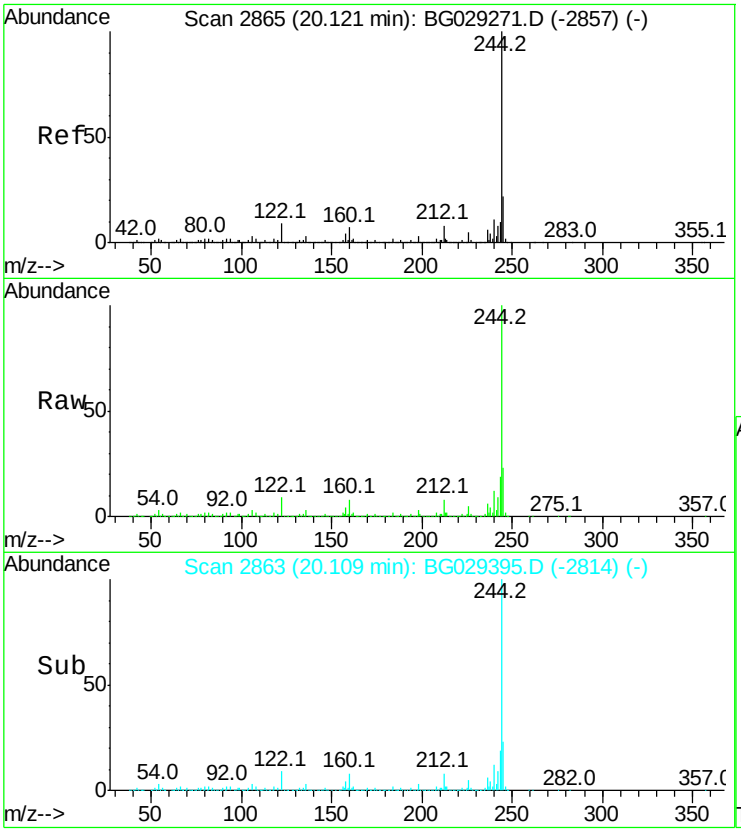




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG029395.D
Acq: 21 Oct 2017 17:22

Tgt Ion:240 Resp: 485413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.5 | 6.8 | 10.2 |
| 236 | 25.9 | 20.9 | 31.3 |



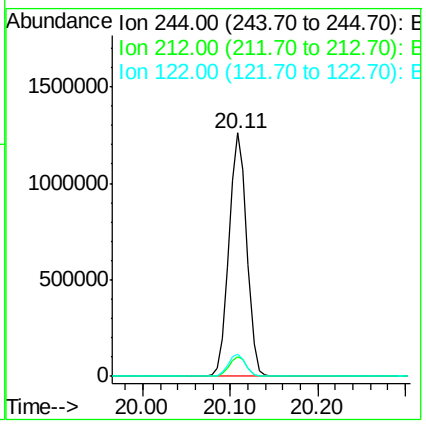


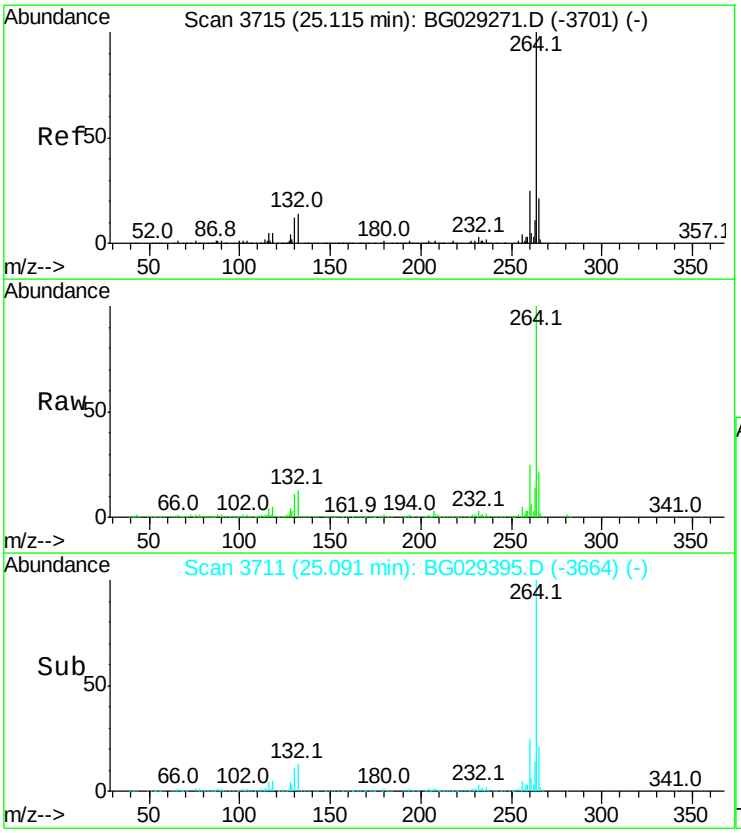

#78
Terphenyl-d14
Concen: 82.184 ng
RT: 20.11 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BG029395.D
Acq: 21 Oct 2017 17:22

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

Tgt Ion:244 Resp: 1753599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.0 | 5.8 | 8.8 |
| 122 | 9.3 | 7.0 | 10.4 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG029395.D
Acq: 21 Oct 2017 17:22

Tgt Ion:264 Resp: 507190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.5 | 17.4 | 26.0 |
| 265 | 21.3 | 17.7 | 26.5 |