Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040219\
Data File : BG040321.D
Acq On : 3 Apr 2019 9:27
Operator : JU/SJ
Sample : PB118519TB
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB118519TB

Quant Time: Apr 03 16:32:24 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 | 53490 | 20.00 | ng | -0.02 |
| 21) Naphthalene-d8 | 10.87 | 136 | 220372 | 20.00 | ng | -0.02 |
| 39) Acenaphthene-d10 | 14.69 | 164 | 156572 | 20.00 | ng | -0.02 |
| 64) Phenanthrene-d10 | 17.43 | 188 | 412503 | 20.00 | ng | -0.02 |
| 76) Chrysene-d12 | 21.71 | 240 | 413005 | 20.00 | ng | -0.02 |
| 87) Perylene-d12 | 25.02 | 264 | 409201 | 20.00 | ng | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.61 | 112 | 384202 | 119.41 | ng | -0.01 |
| 7) Phenol-d6 | 7.21 | 99 | 539748 | 121.38 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 9.23 | 82 | 302667 | 73.00 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 16.17 | 330 | 120656 | 71.30 | ng | -0.02 |
| 45) 2-Fluorobiphenyl | 13.31 | 172 | 777826 | 73.61 | ng | -0.02 |
| 79) Terphenyl-d14 | 20.03 | 244 | 1306883 | 71.19 | ng | -0.02 |

| Target Compounds | Qvalue |
|---|---|

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

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Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
PB118519TB

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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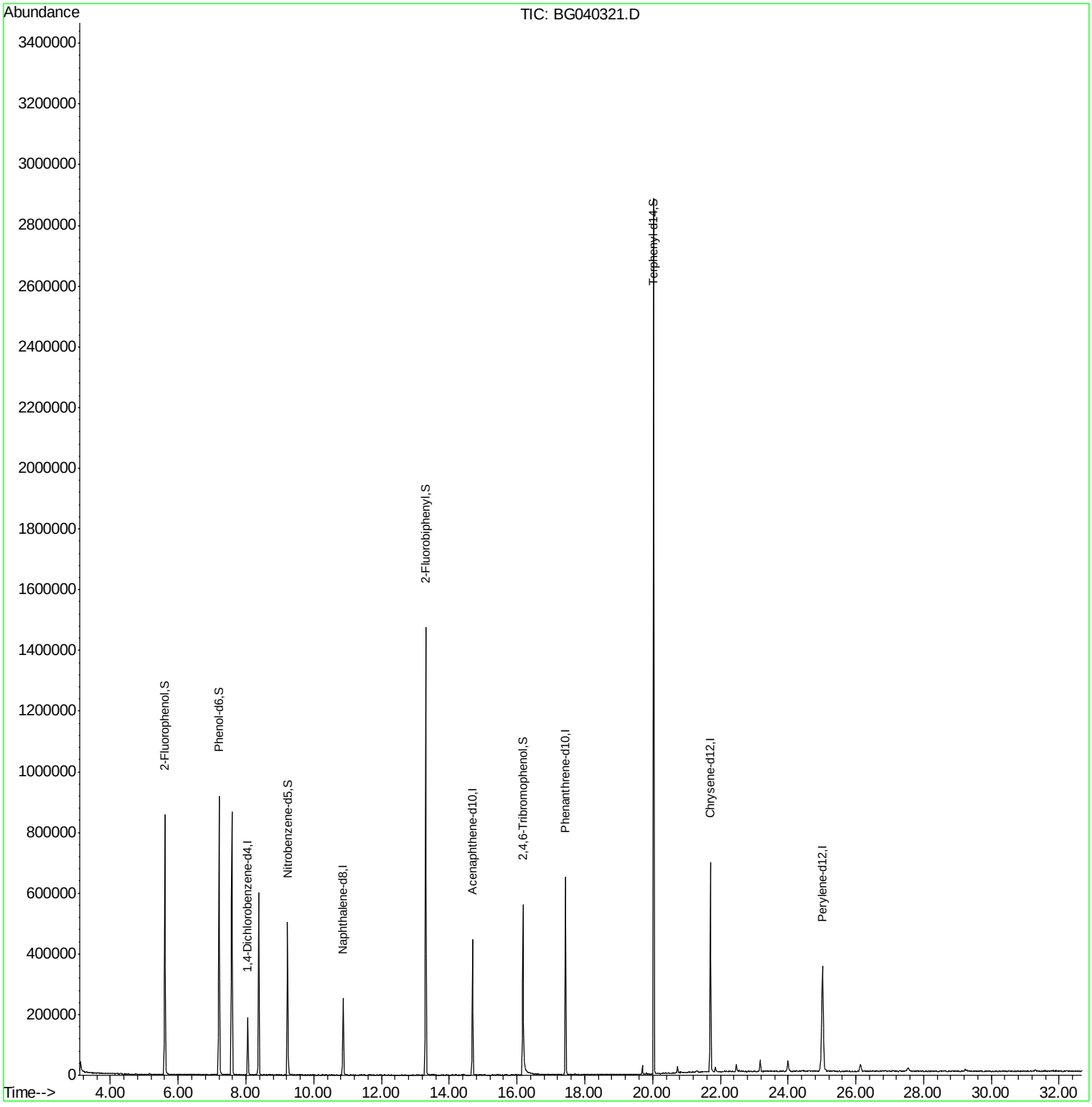
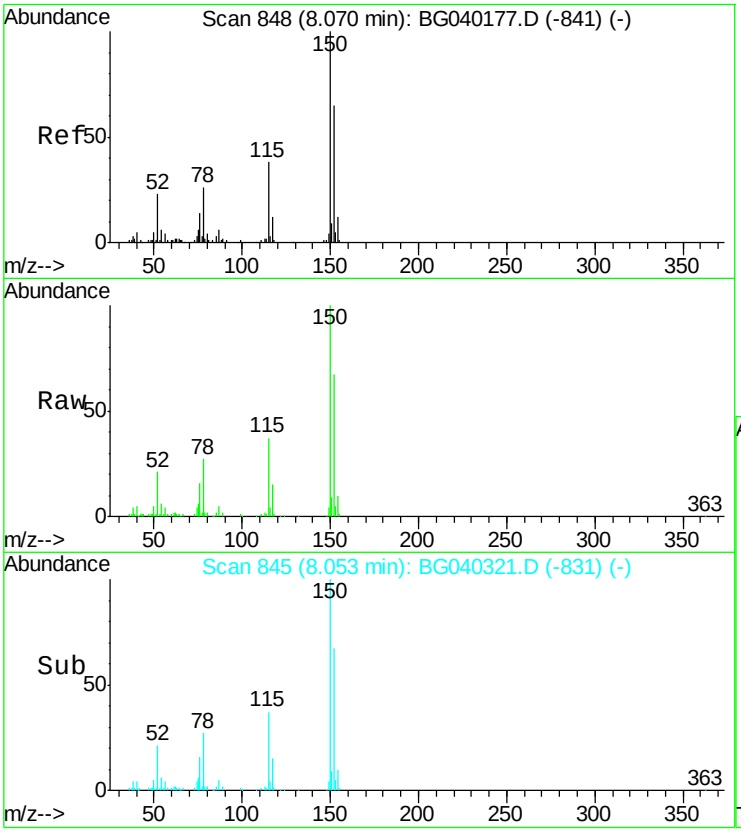


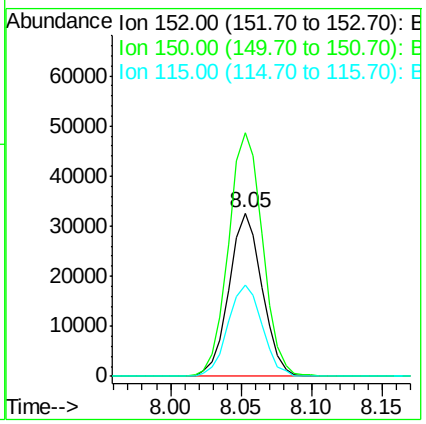


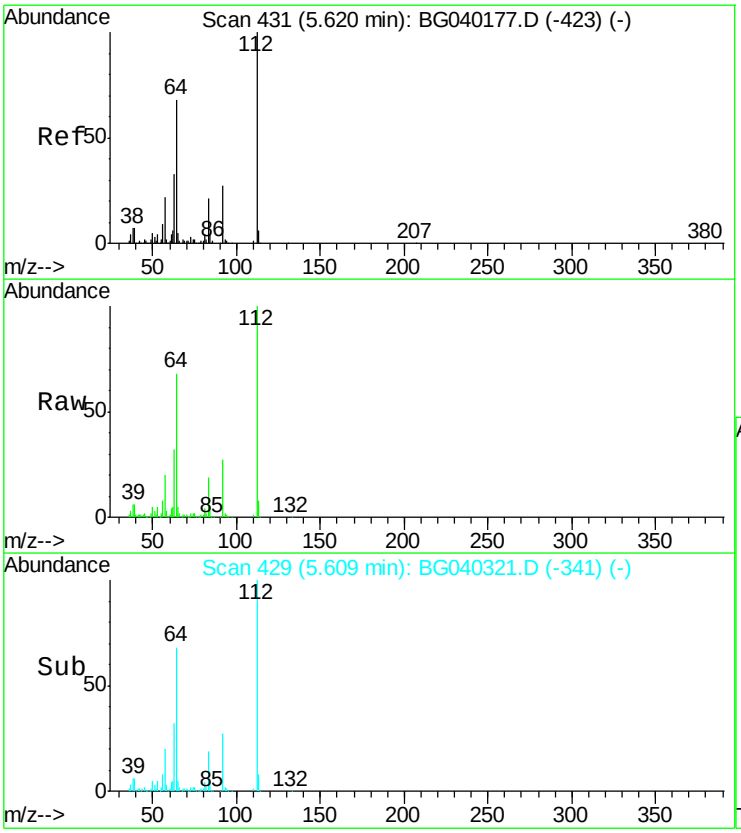

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040321.D
Acq: 3 Apr 2019 9:27

**Instrument :**
BNA_G
**ClientSampleId :**
PB118519TB

Tgt Ion:152 Resp: 53490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 148.8 | 123.7 | 185.5 |
| 115 | 55.6 | 46.9 | 70.3 |

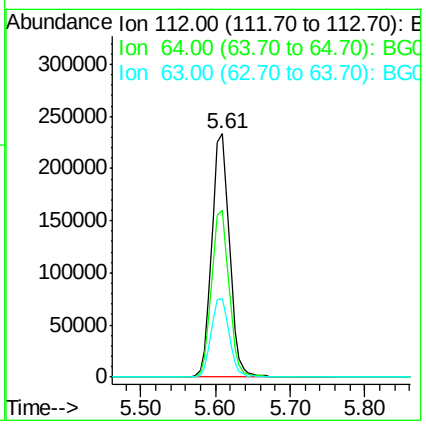


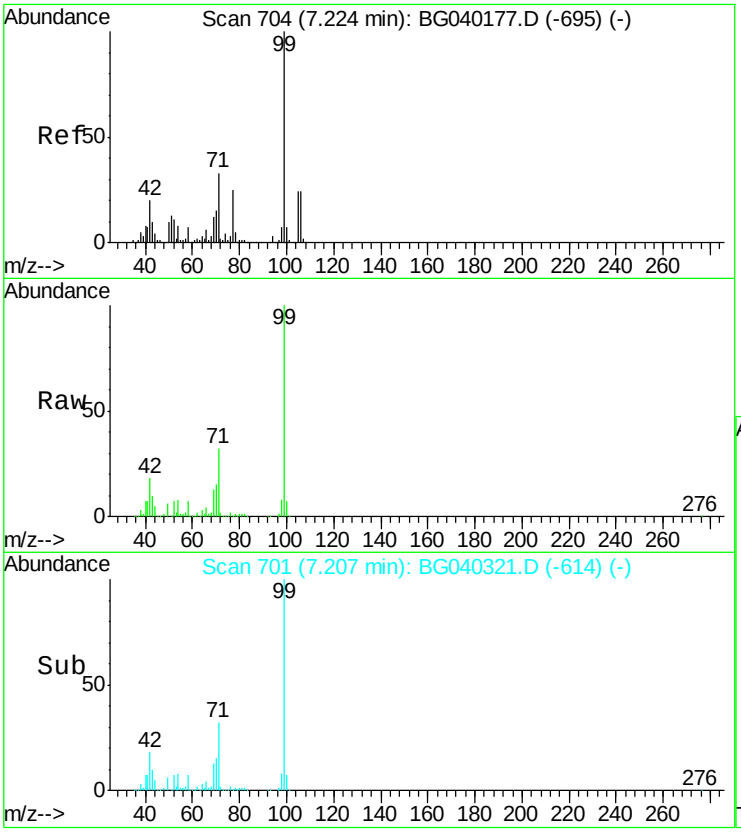




#5
2-Fluorophenol
Concen: 119.406 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040321.D
Acq: 3 Apr 2019 9:27

Tgt Ion:112 Resp: 384202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 68.3 | 54.2 | 81.2 |
| 63 | 32.3 | 26.4 | 39.6 |



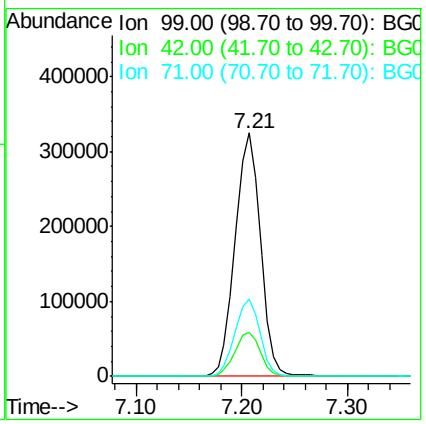


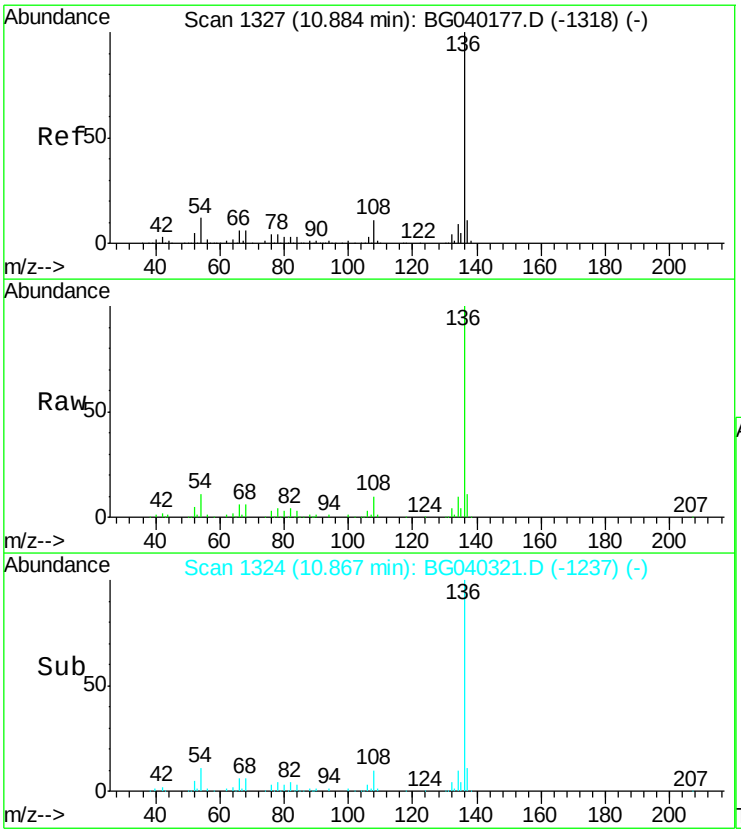

#7
Phenol-d6
Concen: 121.379 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.02 min
Lab File: BG040321.D
Acq: 3 Apr 2019 9:27

**Instrument :**
BNA_G
**ClientSampleId :**
PB118519TB

Tgt Ion: 99 Resp: 539748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.2 | 16.2 | 24.2 |
| 71 | 31.8 | 26.8 | 40.2 |

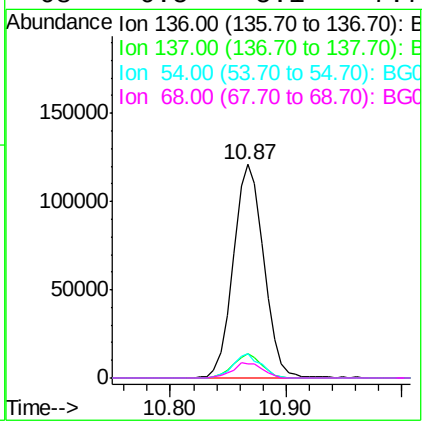


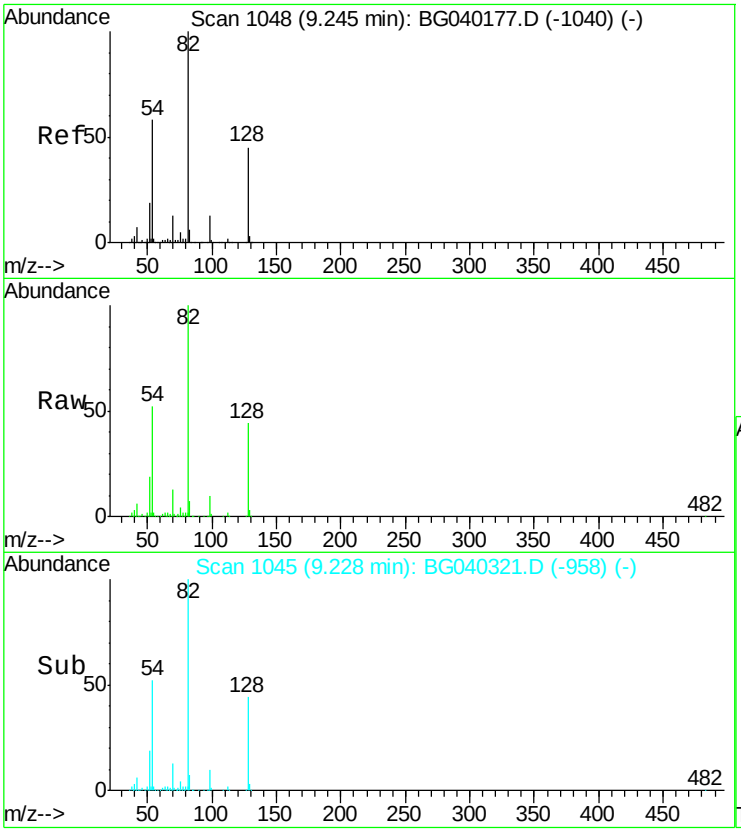




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040321.D
Acq: 3 Apr 2019 9:27

Tgt Ion:136 Resp: 220372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.5 | 8.9 | 13.3 |
| 54 | 11.4 | 9.6 | 14.4 |
| 68 | 6.5 | 5.1 | 7.7 |



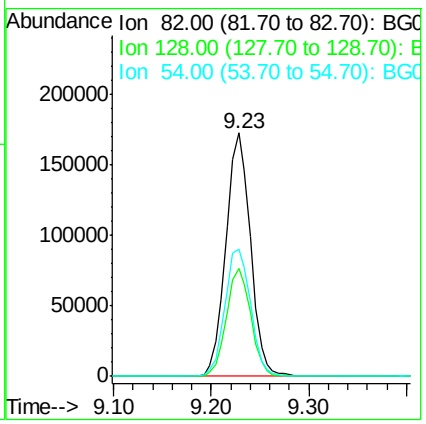


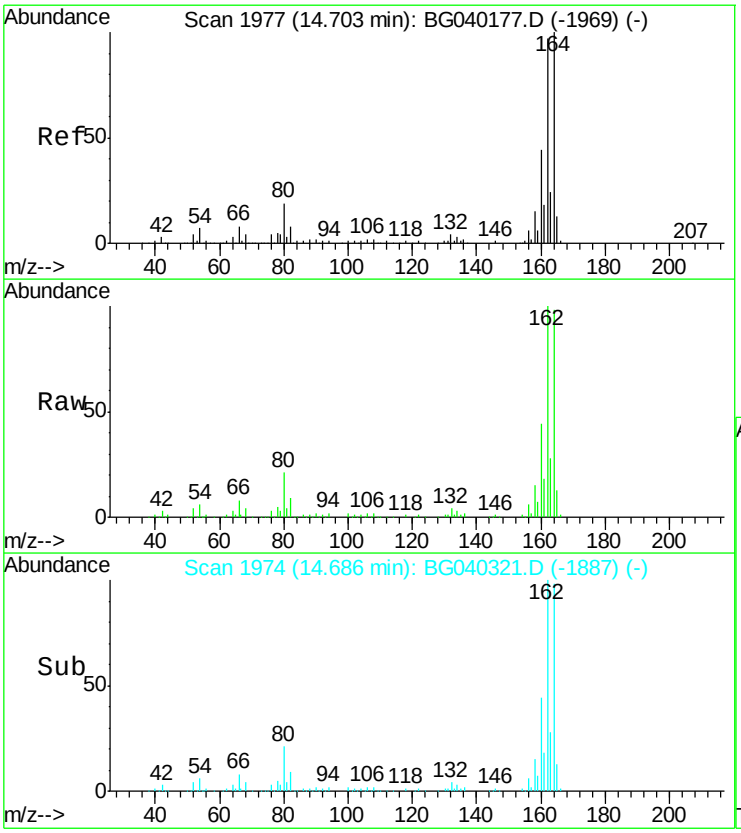

#23
Nitrobenzene-d5
Concen: 73.003 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040321.D
Acq: 3 Apr 2019 9:27

**Instrument :**
BNA_G
**ClientSampleId :**
PB118519TB

Tgt Ion: 82 Resp: 302667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.5 | 35.8 | 53.8 |
| 54 | 52.3 | 46.2 | 69.2 |

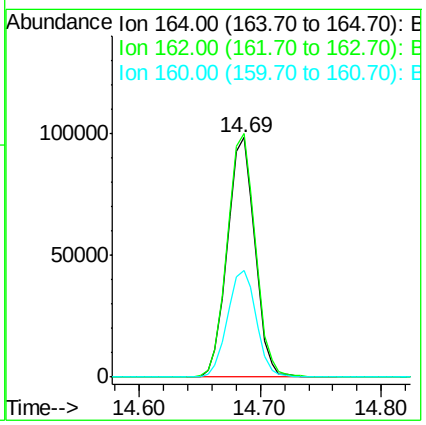


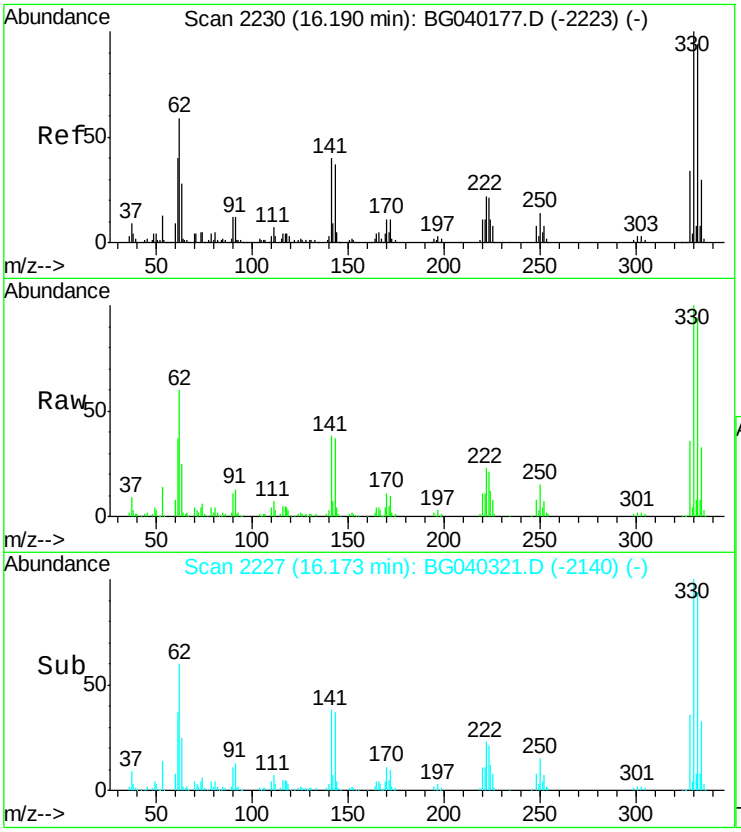




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040321.D
Acq: 3 Apr 2019 9:27

Tgt Ion:164 Resp: 156572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.6 | 77.4 | 116.2 |
| 160 | 44.4 | 35.3 | 52.9 |



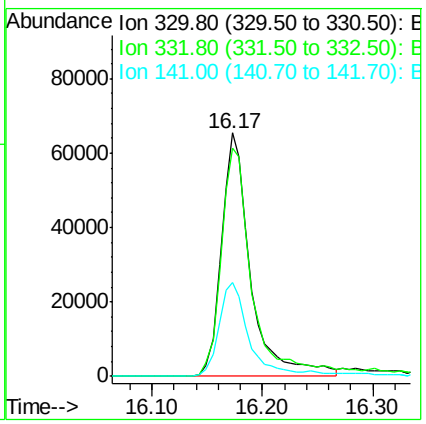


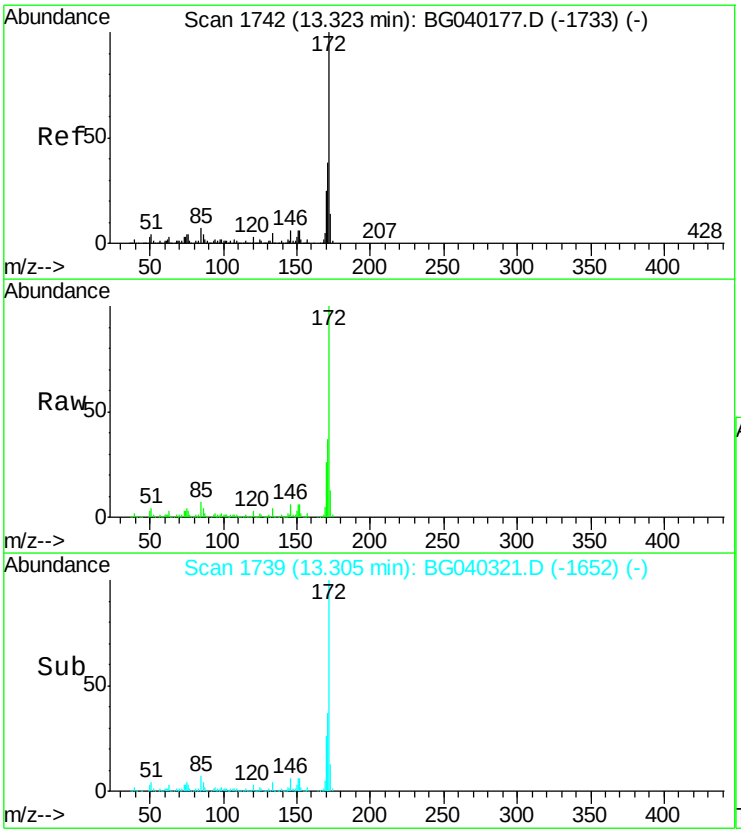

#42
2,4,6-Tribromophenol
Concen: 71.304 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BG040321.D
Acq: 3 Apr 2019 9:27

**Instrument :**
BNA_G
**ClientSampleId :**
PB118519TB

Tgt Ion:330 Resp: 120656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 100.5 | 76.6 | 115.0 |
| 141 | 38.7 | 32.6 | 48.8 |

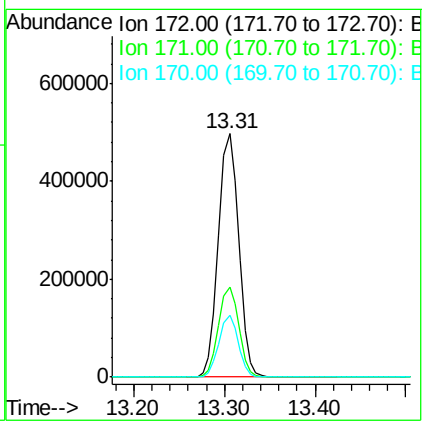


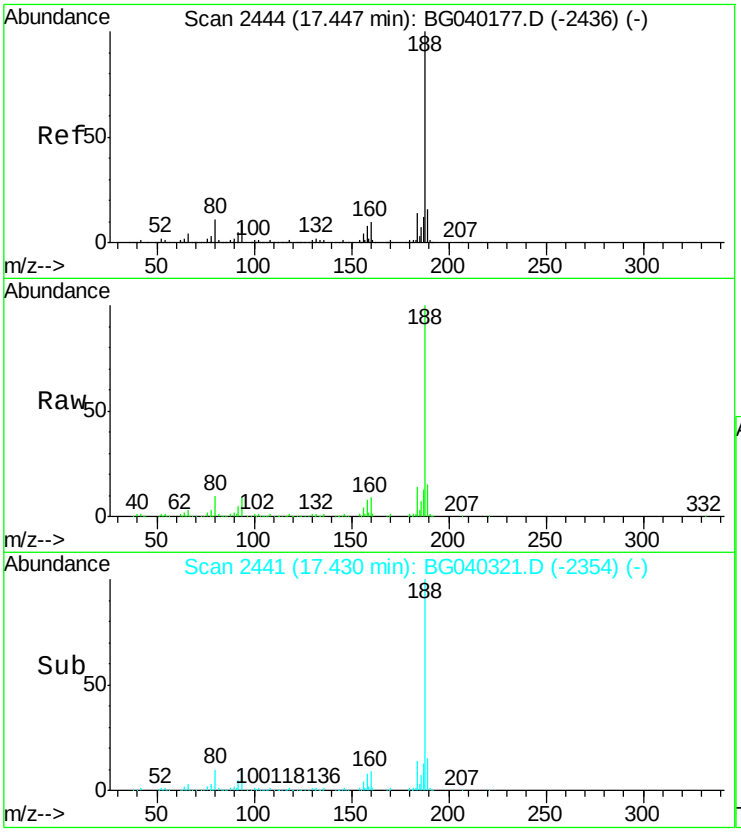




#45
2-Fluorobiphenyl
Concen: 73.612 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG040321.D
Acq: 3 Apr 2019 9:27

Tgt Ion:172 Resp: 777826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.1 | 30.5 | 45.7 |
| 170 | 25.6 | 20.1 | 30.1 |



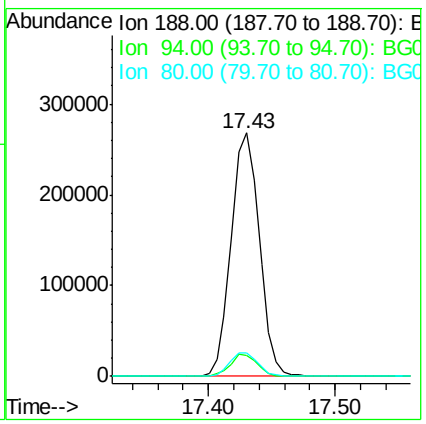


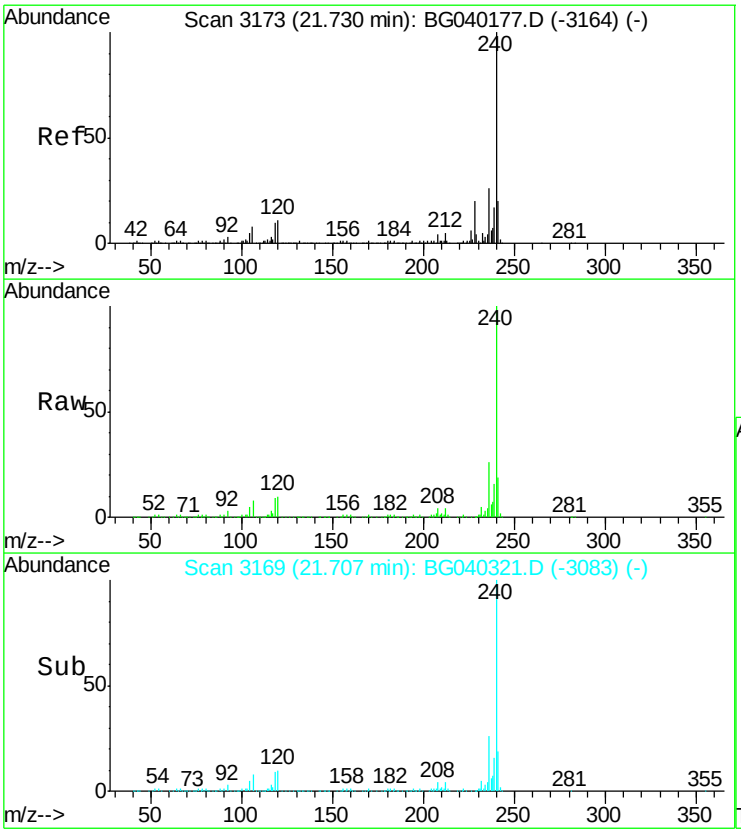

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.02 min
Lab File: BG040321.D
Acq: 3 Apr 2019 9:27

**Instrument :**
BNA_G
**ClientSampleId :**
PB118519TB

Tgt Ion:188 Resp: 412503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.6 | 7.0 | 10.4 |
| 80 | 9.7 | 8.6 | 13.0 |

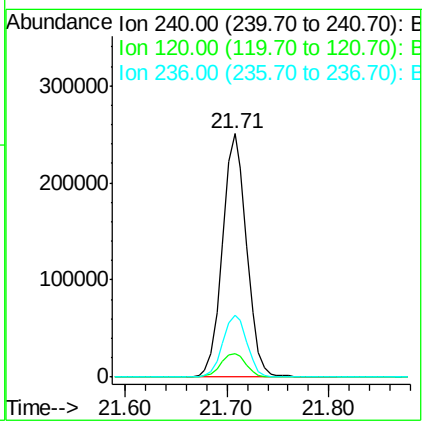


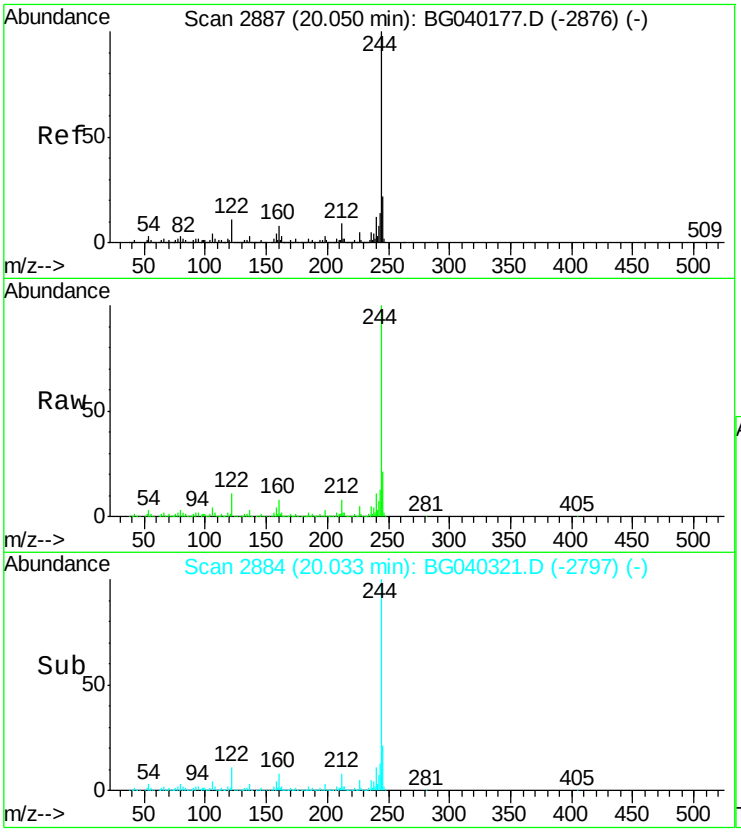




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG040321.D
Acq: 3 Apr 2019 9:27

Tgt Ion:240 Resp: 413005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.9 | 8.4 | 12.6 |
| 236 | 25.5 | 20.8 | 31.2 |



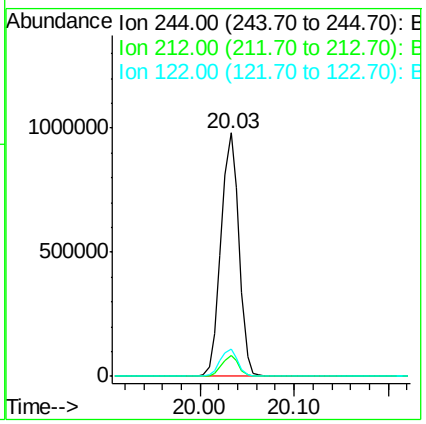


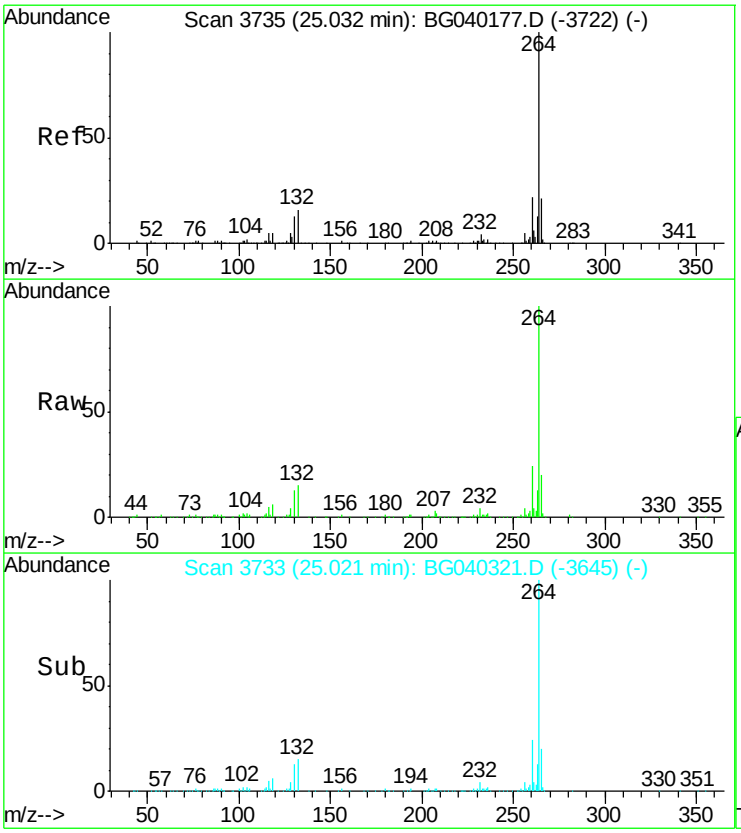

#79
Terphenyl-d14
Concen: 71.186 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.02 min
Lab File: BG040321.D
Acq: 3 Apr 2019 9:27

**Instrument :**
BNA_G
**ClientSampleId :**
PB118519TB

Tgt Ion:244 Resp: 1306883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.4 | 7.0 | 10.6 |
| 122 | 11.3 | 8.5 | 12.7 |




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.01 min
Lab File: BG040321.D
Acq: 3 Apr 2019 9:27

Tgt Ion:264 Resp: 409201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.3 | 17.9 | 26.9 |
| 265 | 20.0 | 16.8 | 25.2 |