Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024733.D
Acq On : 7 Nov 2016 17:49
Operator : UM/SJ
Sample : PB94572BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB94572BL

Quant Time: Nov 08 00:02:46 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.26 | 152 | 101108 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 11.09 | 136 | 370744 | 20.00 | ng | -0.01 |
| 38) Acenaphthene-d10 | 14.88 | 164 | 288045 | 20.00 | ng | -0.01 |
| 63) Phenanthrene-d10 | 17.62 | 188 | 668141 | 20.00 | ng | -0.01 |
| 75) Chrysene-d12 | 21.91 | 240 | 1023367 | 20.00 | ng | -0.02 |
| 86) Perylene-d12 | 25.34 | 264 | 1032517 | 20.00 | ng | -0.03 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.79 | 112 | 722434 | 117.11 | ng | 0.00 |
| 7) Phenol-d6 | 7.40 | 99 | 1000720 | 118.26 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.44 | 82 | 705894 | 86.69 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 16.36 | 330 | 569438 | 132.33 | ng | -0.01 |
| 44) 2-Fluorobiphenyl | 13.50 | 172 | 1501218 | 86.62 | ng | -0.01 |
| 78) Terphenyl-d14 | 20.20 | 244 | 2851260 | 83.25 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |

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

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Acq On : 7 Nov 2016 17:49
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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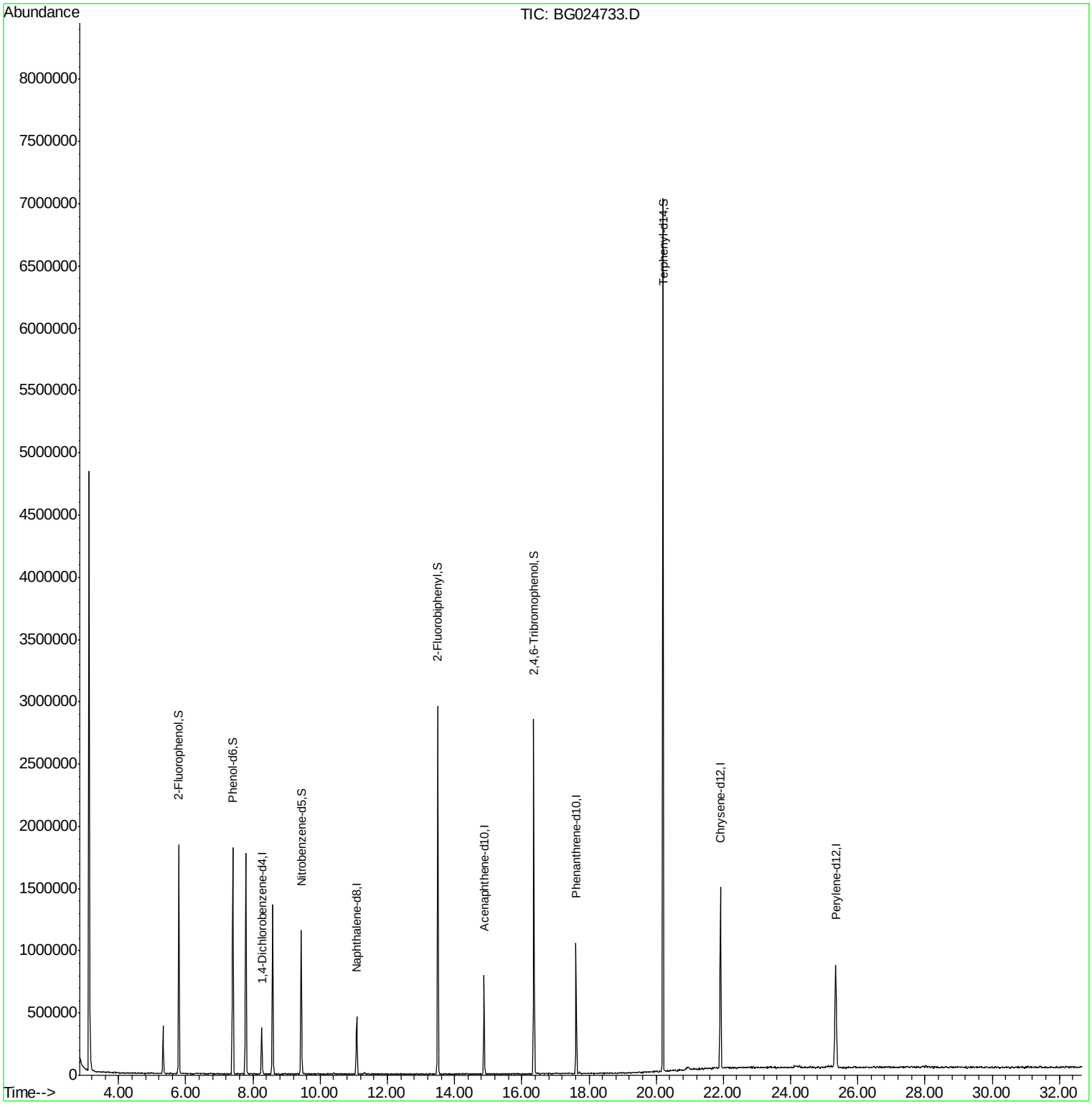
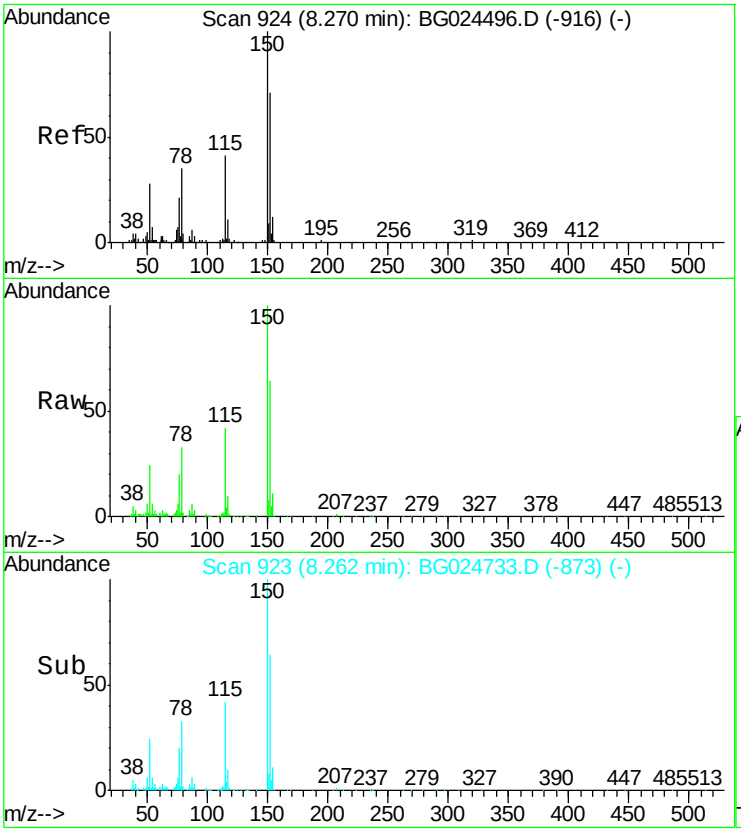


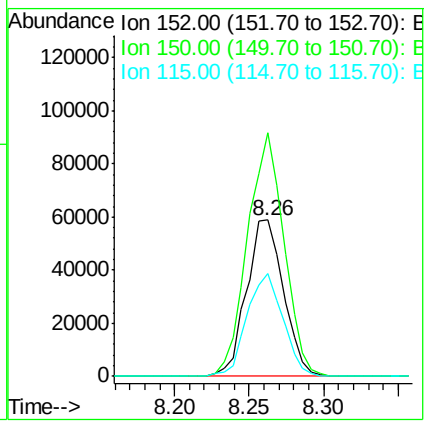


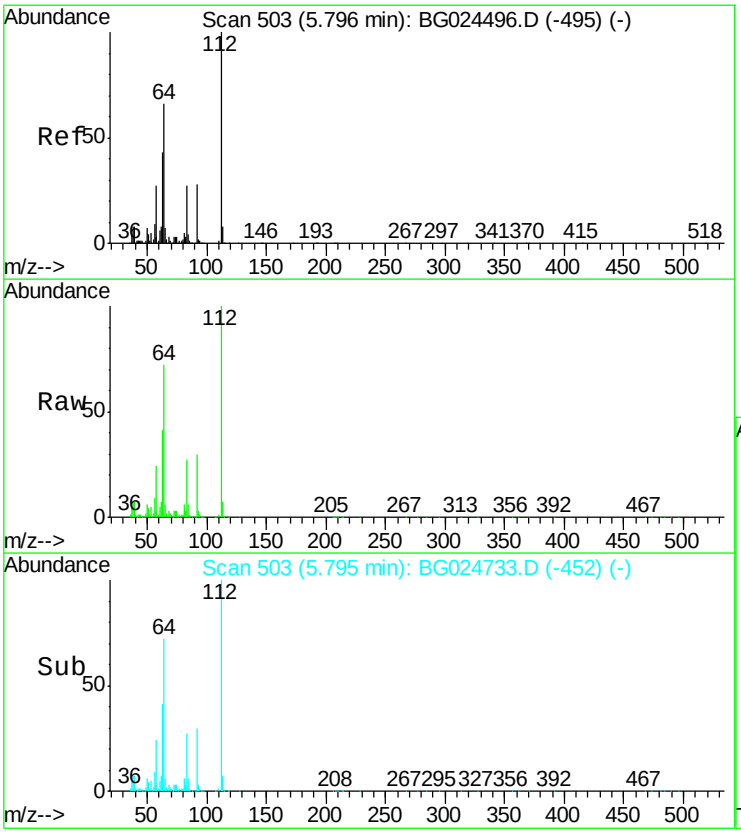

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG024733.D
Acq: 7 Nov 2016 17:49

**Instrument :**
BNA_G
**ClientSampleId :**
PB94572BL

Tgt Ion:152 Resp: 101108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.7 | 114.0 | 171.0 |
| 115 | 65.9 | 48.1 | 72.1 |

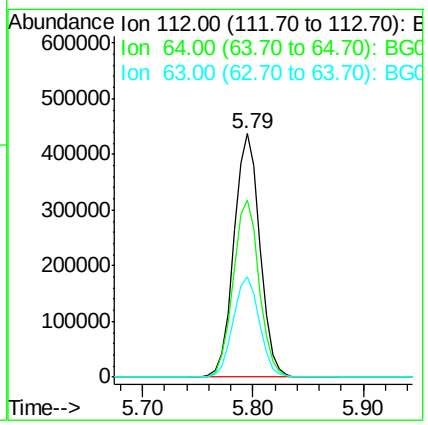


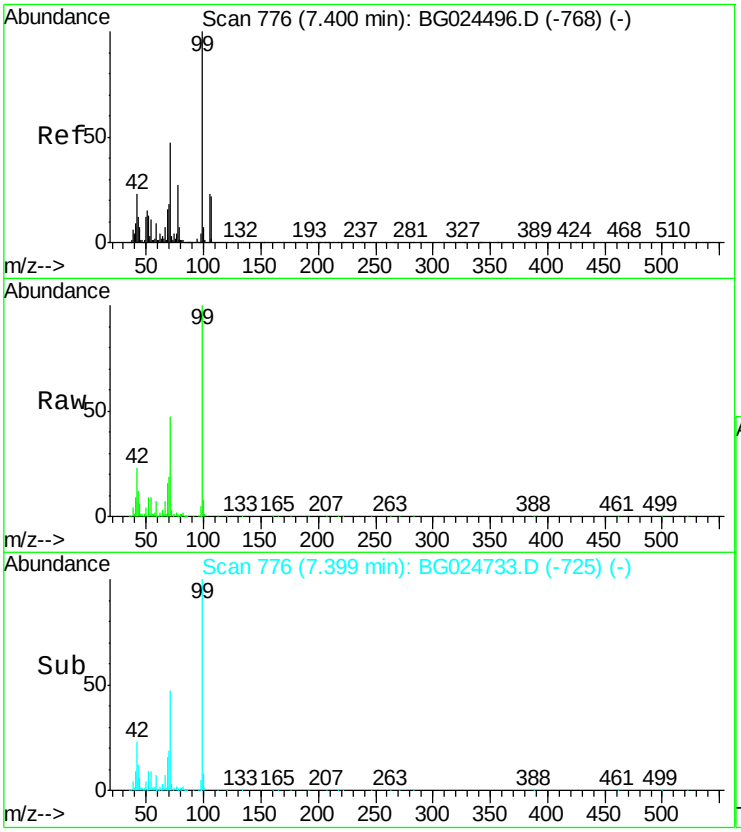




#5
2-Fluorophenol
Concen: 117.11 ng
RT: 5.79 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG024733.D
Acq: 7 Nov 2016 17:49

Tgt Ion:112 Resp: 722434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 72.5 | 61.8 | 92.6 |
| 63 | 41.3 | 37.2 | 55.8 |



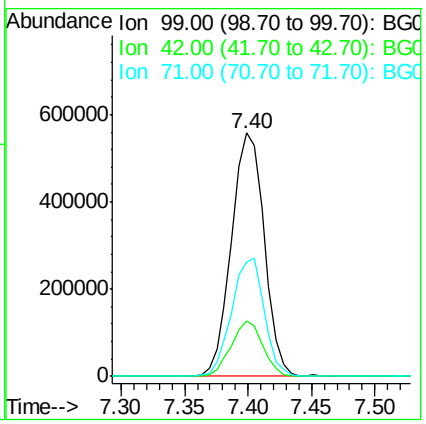


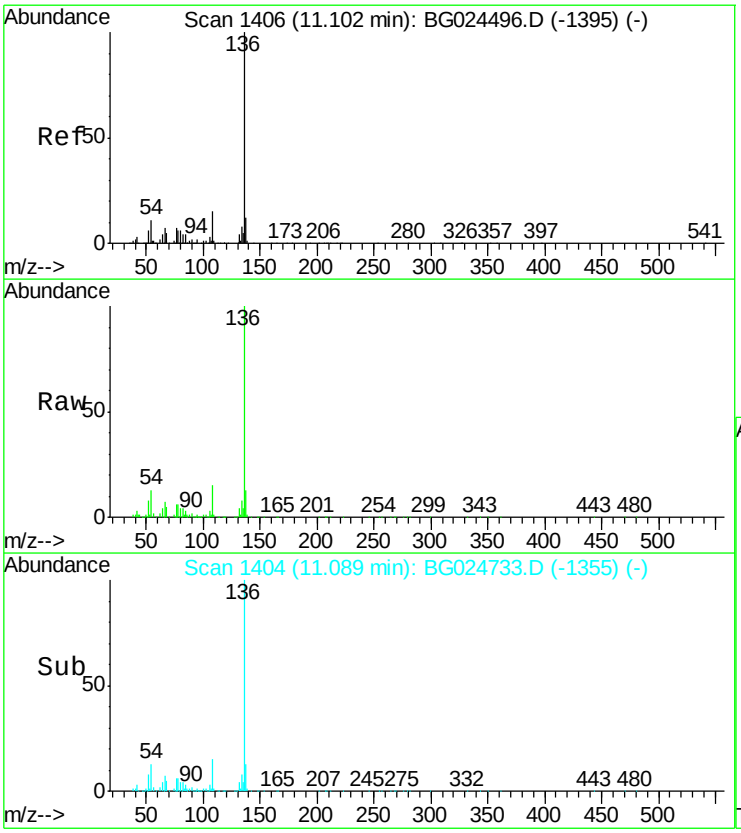

#7
Phenol-d6
Concen: 118.26 ng
RT: 7.40 min Scan# 776
Delta R.T. -0.00 min
Lab File: BG024733.D
Acq: 7 Nov 2016 17:49

**Instrument :**
BNA_G
**ClientSampleId :**
PB94572BL

Tgt Ion: 99 Resp: 1000720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.6 | 20.5 | 30.7 |
| 71 | 47.0 | 37.6 | 56.4 |

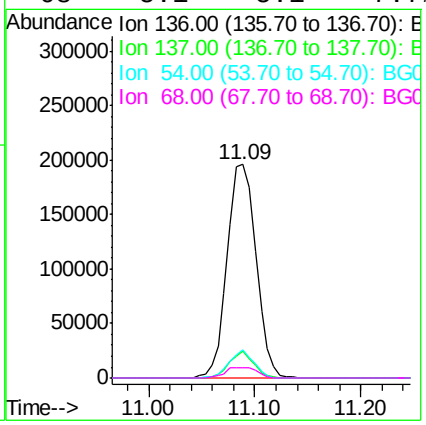


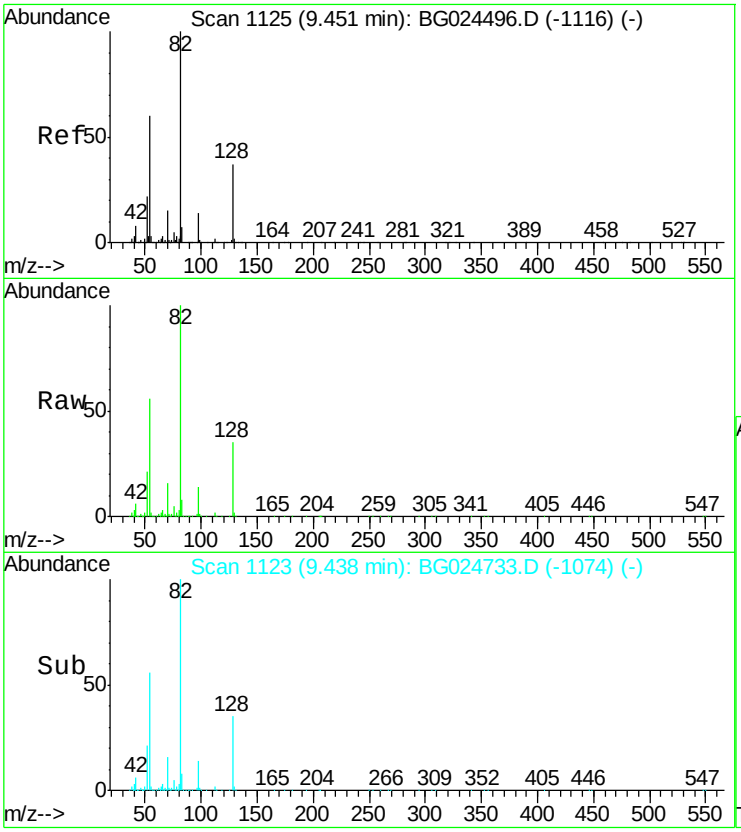




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BG024733.D
Acq: 7 Nov 2016 17:49

Tgt Ion:136 Resp: 370744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.8 | 8.9 | 13.3 |
| 54 | 13.2 | 9.3 | 13.9 |
| 68 | 5.1 | 5.1 | 7.7# |

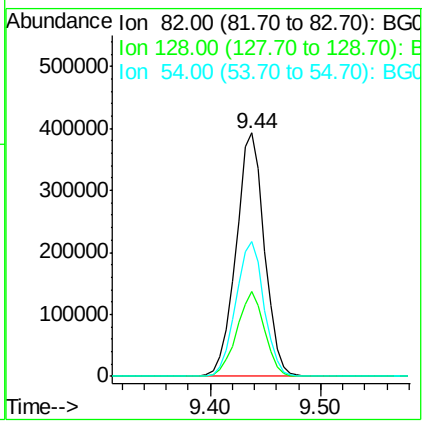




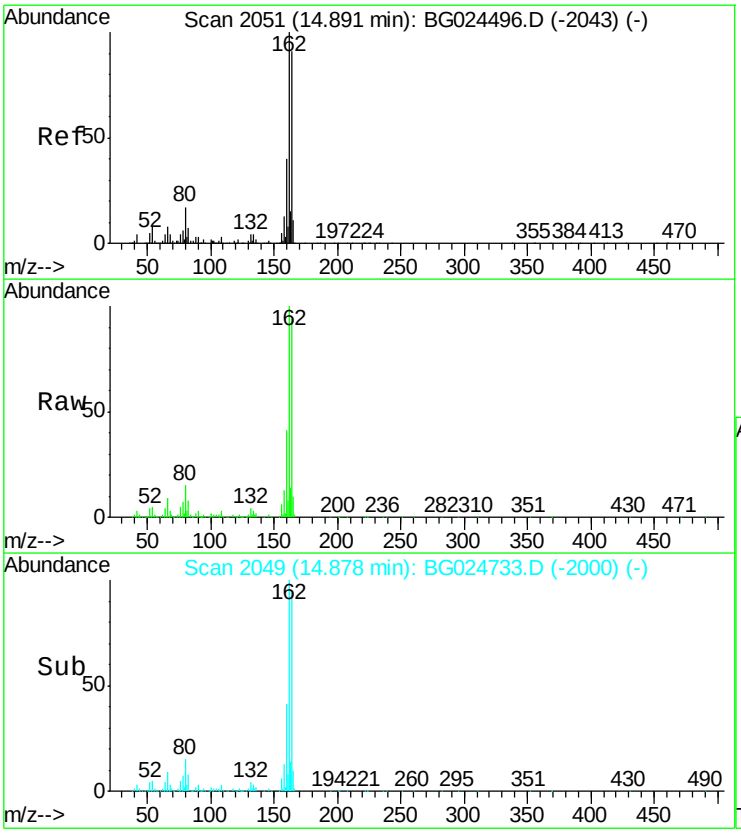

#23
Nitrobenzene-d5
Concen: 86.69 ng
RT: 9.44 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BG024733.D
Acq: 7 Nov 2016 17:49

Tgt Ion: 82 Resp: 705894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 35.1 | 26.4 | 39.6 |
| 54 | 55.6 | 49.4 | 74.2 |



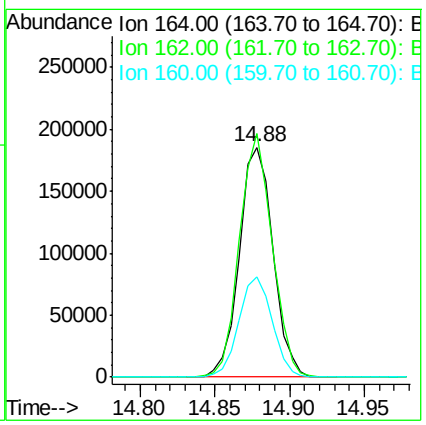

**Instrument :**
BNA_G
**ClientSampleId :**
PB94572BL

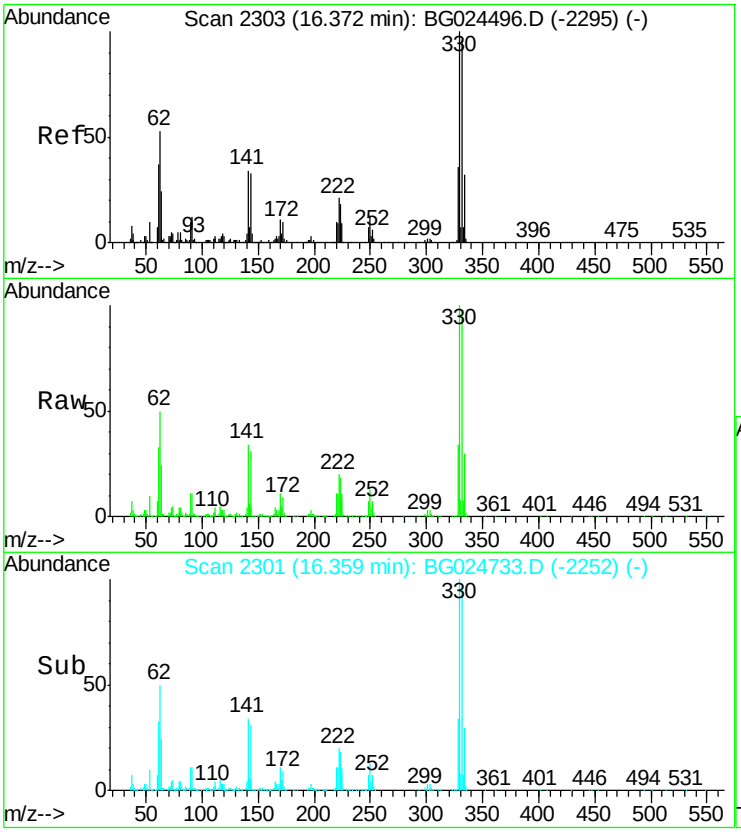



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BG024733.D
Acq: 7 Nov 2016 17:49

Tgt Ion:164 Resp: 288045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 106.0 | 85.1 | 127.7 |
| 160 | 43.6 | 34.7 | 52.1 |



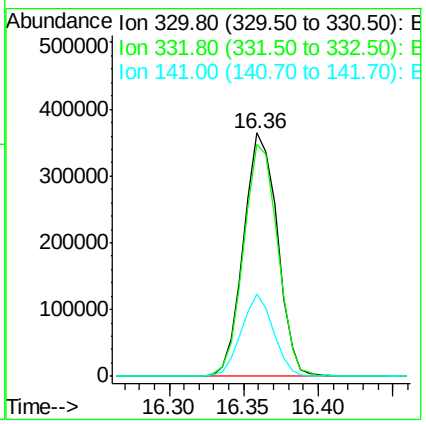


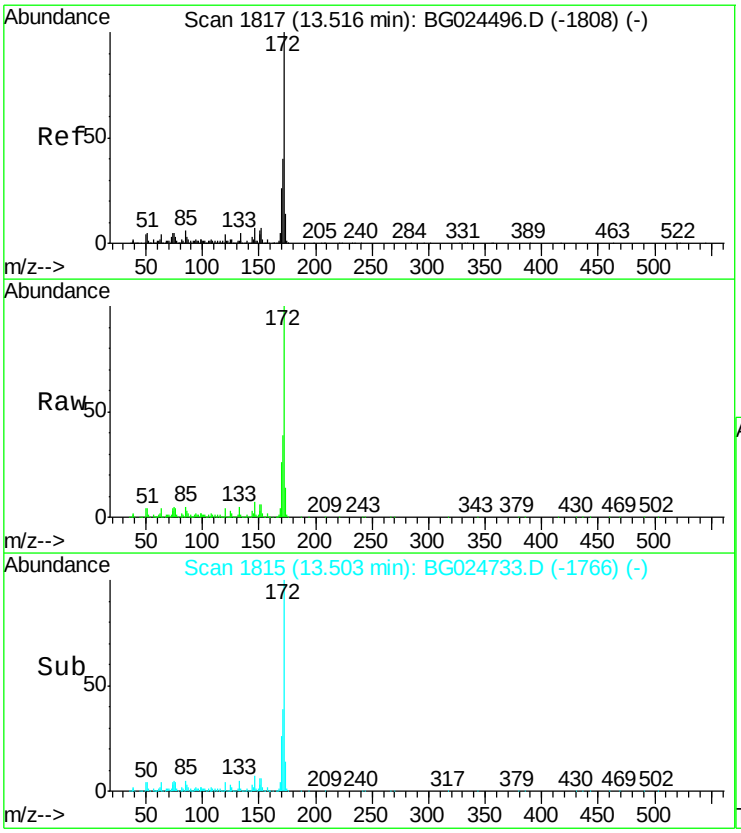

#41
2,4,6-Tribromophenol
Concen: 132.33 ng
RT: 16.36 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG024733.D
Acq: 7 Nov 2016 17:49

**Instrument :**
BNA_G
**ClientSampleId :**
PB94572BL

Tgt Ion:330 Resp: 569438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.2 | 77.3 | 115.9 |
| 141 | 32.4 | 32.1 | 48.1 |

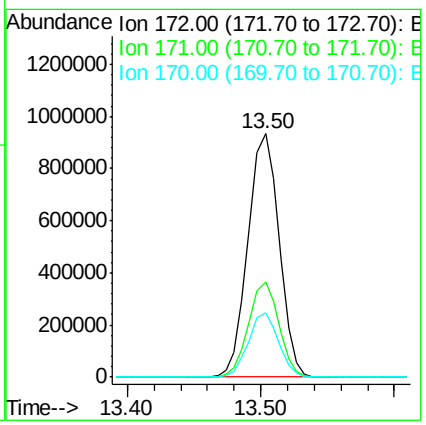


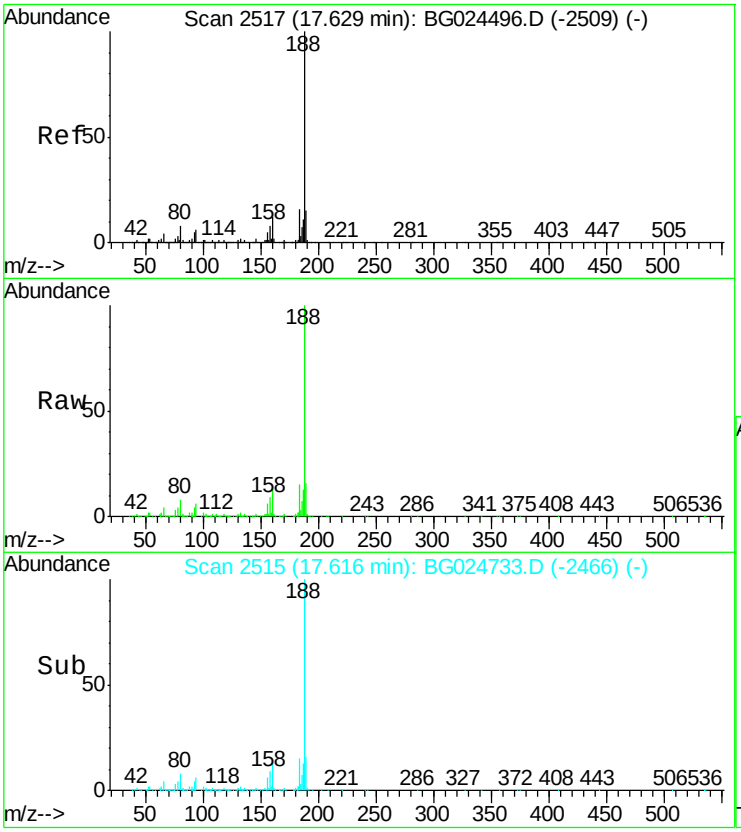




#44
2-Fluorobiphenyl
Concen: 86.62 ng
RT: 13.50 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BG024733.D
Acq: 7 Nov 2016 17:49

Tgt Ion:172 Resp: 1501218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 39.1 | 32.2 | 48.2 |
| 170 | 26.2 | 21.8 | 32.6 |



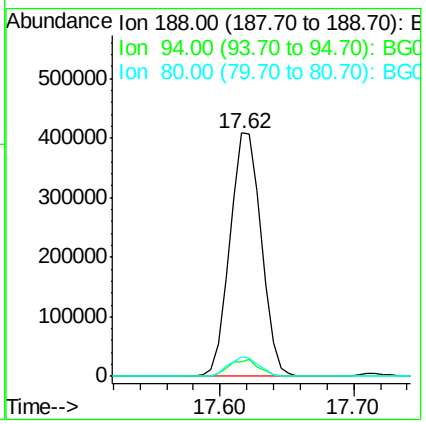


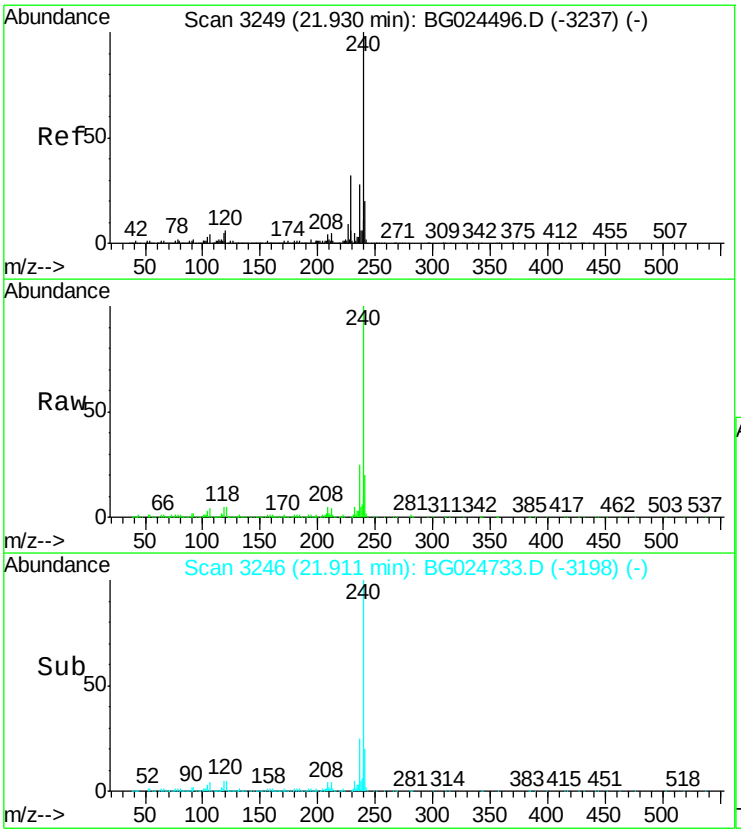

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BG024733.D
Acq: 7 Nov 2016 17:49

**Instrument :**
BNA_G
**ClientSampleId :**
PB94572BL

Tgt Ion:188 Resp: 668141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.2 | 5.8 | 8.8 |
| 80 | 8.0 | 7.5 | 11.3 |

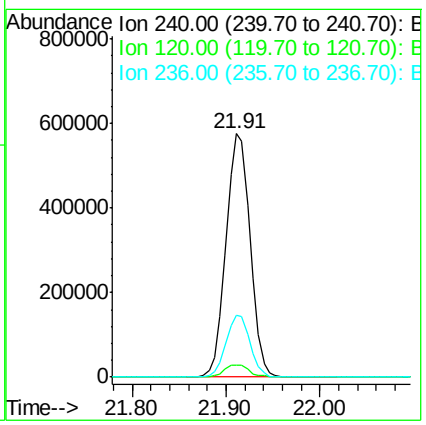


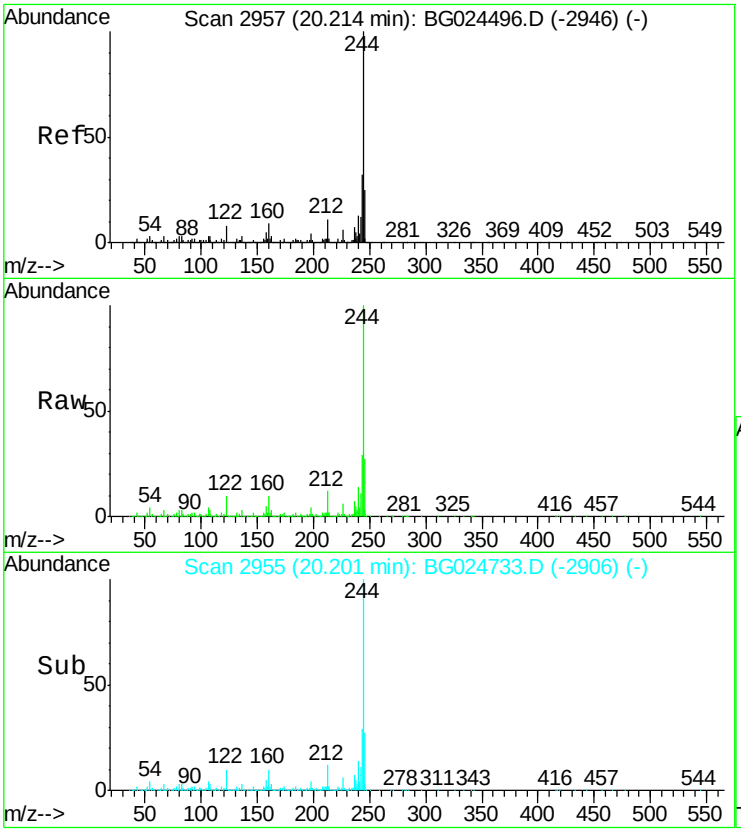




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.91 min Scan# 3246
Delta R.T. -0.02 min
Lab File: BG024733.D
Acq: 7 Nov 2016 17:49

Tgt Ion:240 Resp: 1023367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 4.9 | 5.7 | 8.5# |
| 236 | 25.3 | 22.2 | 33.4 |



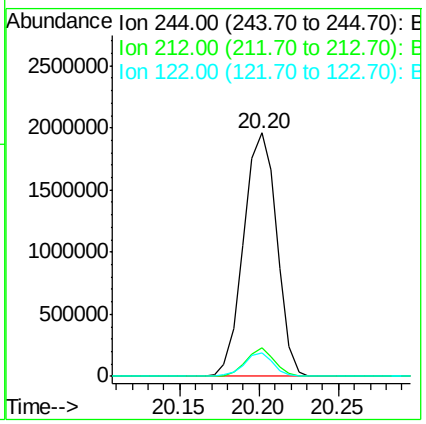


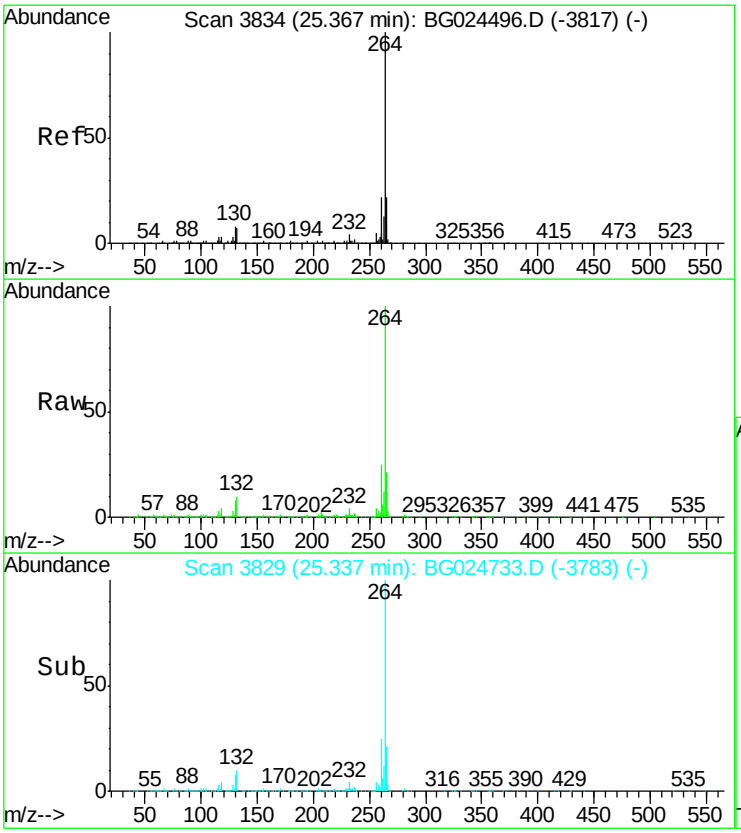

#78
Terphenyl-d14
Concen: 83.25 ng
RT: 20.20 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BG024733.D
Acq: 7 Nov 2016 17:49

**Instrument :**
BNA_G
**ClientSampleId :**
PB94572BL

Tgt Ion:244 Resp: 2851260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 11.5 | 10.0 | 15.0 |
| 122 | 9.6 | 8.6 | 12.8 |




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.34 min Scan# 3829
Delta R.T. -0.03 min
Lab File: BG024733.D
Acq: 7 Nov 2016 17:49

Tgt Ion:264 Resp: 1032517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.6 | 21.8 | 32.8 |
| 265 | 21.2 | 18.2 | 27.4 |