Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070716\
Data File : BG022881.D
Acq On : 6 Jul 2016 18:05
Operator : UM/SJ
Sample : H3804-01 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** LAR9942

Quant Time: Jul 07 02:41:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.16 | 152 | 119708 | 20.00 | ng | -0.01 |
| 21) Naphthalene-d8 | 10.99 | 136 | 537939 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 14.79 | 164 | 429398 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 17.55 | 188 | 999078 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 21.84 | 240 | 1157184 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 25.21 | 264 | 1177485 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.70 | 112 | 16456 | 2.20 | ng | 0.00 |
| 7) Phenol-d6 | 7.31 | 99 | 25378 | 2.41 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.32 | 82 | 165466 | 13.02 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 16.29 | 330 | 16395 | 2.43 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 13.42 | 172 | 59396 | 2.19 | ng | 0.00 |
| 78) Terphenyl-d14 | 20.14 | 244 | 99531 | 2.28 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |

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

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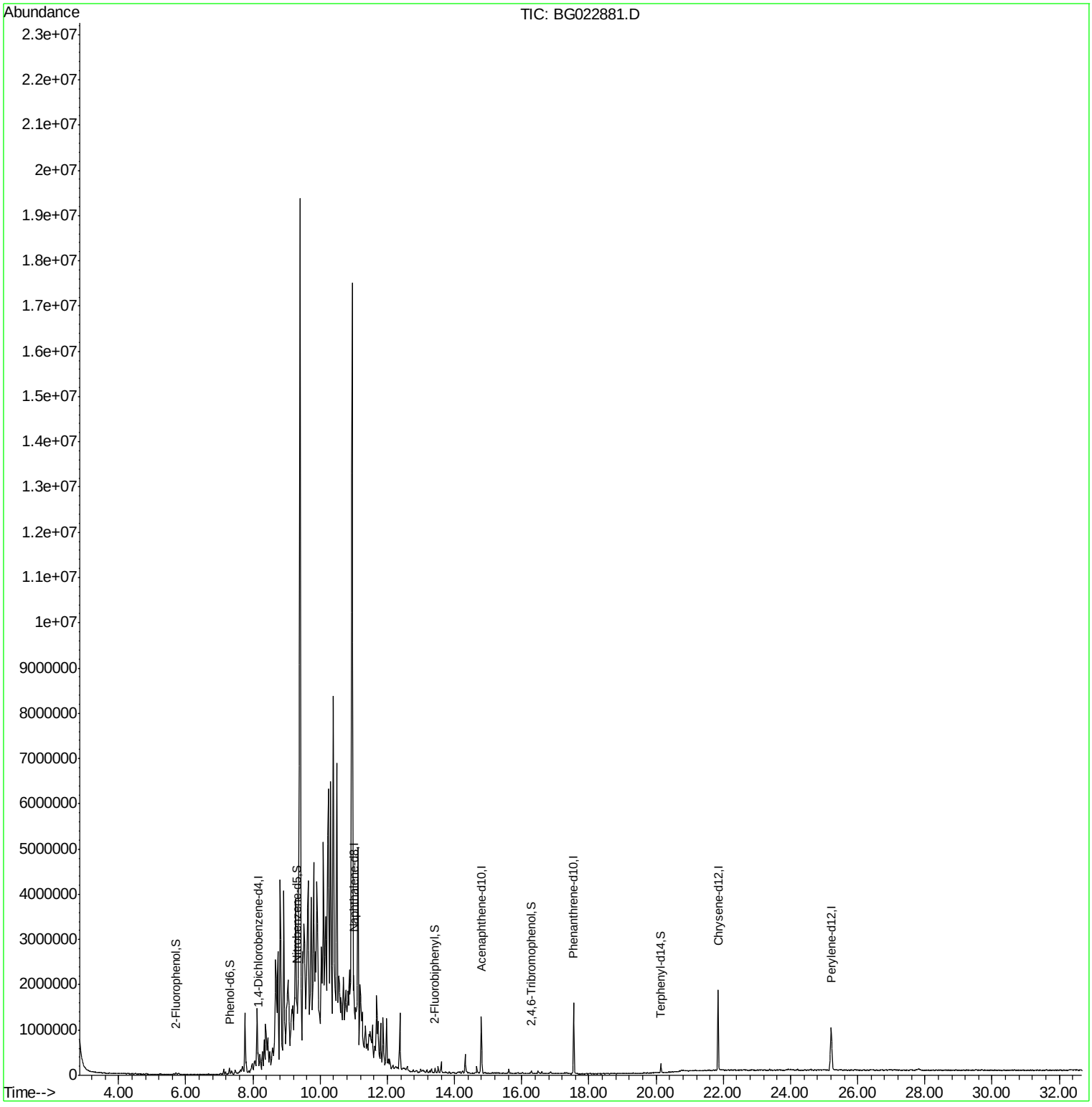
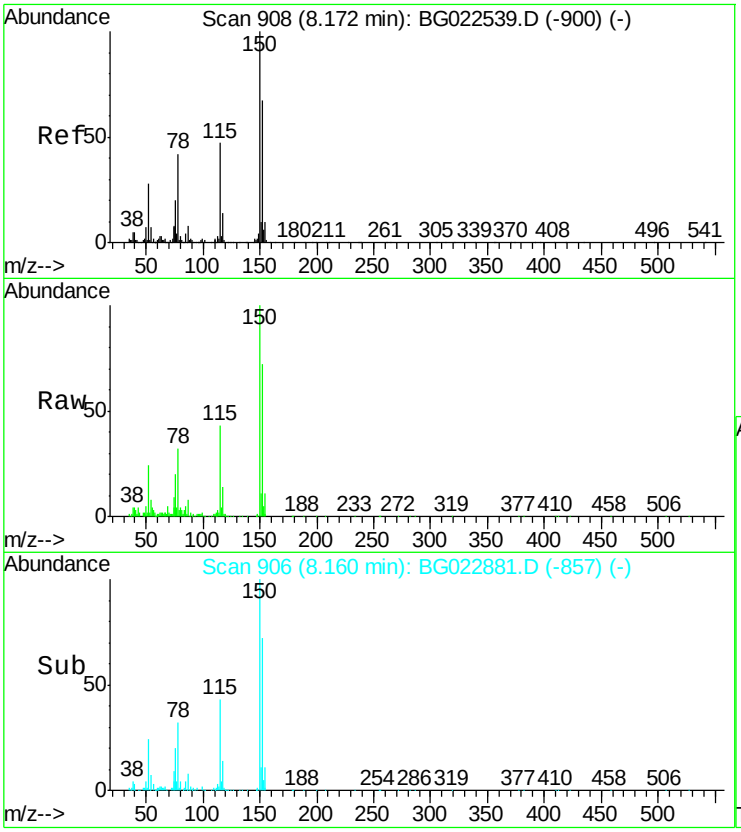


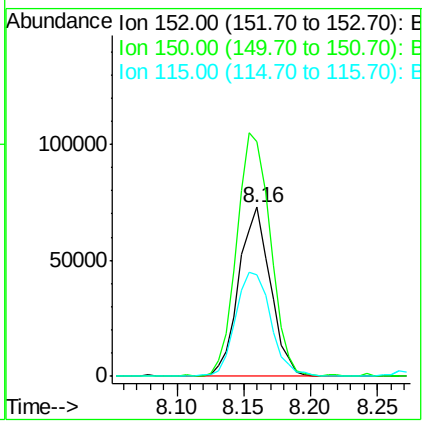


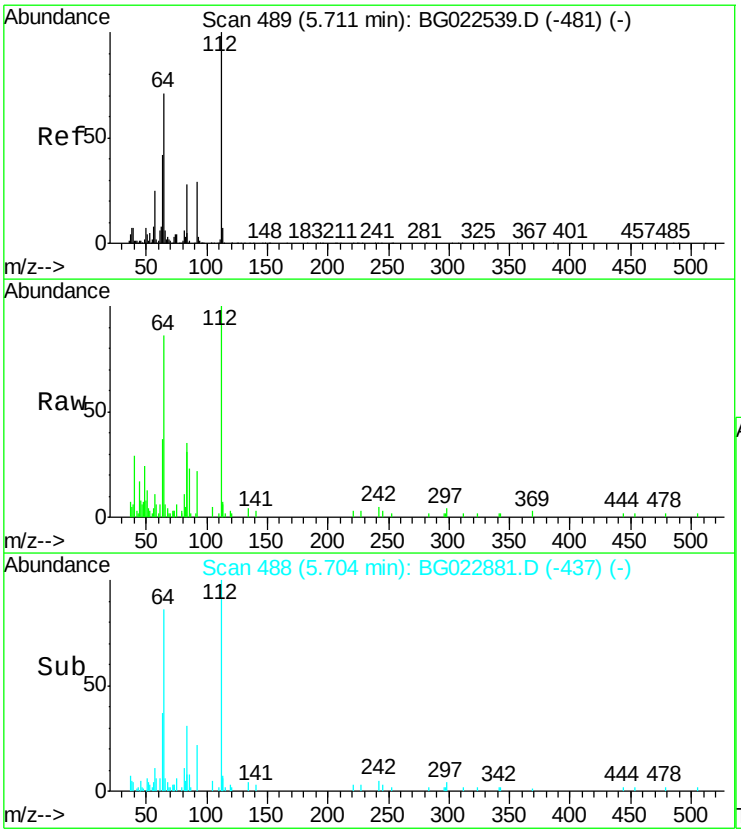

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG022881.D
Acq: 6 Jul 2016 18:05

**Instrument :**
BNA_G
**ClientSampleId :**
LAR9942

Tgt Ion:152 Resp: 119708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 139.2 | 144.7 | 217.1# |
| 115 | 59.8 | 64.0 | 96.0# |

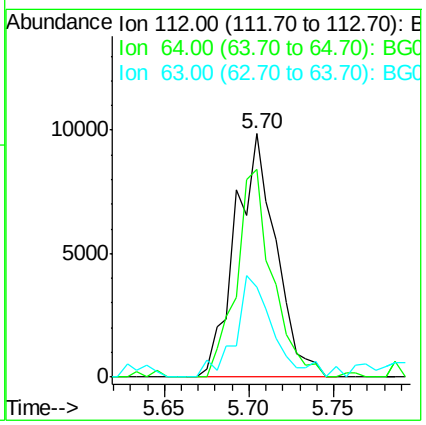


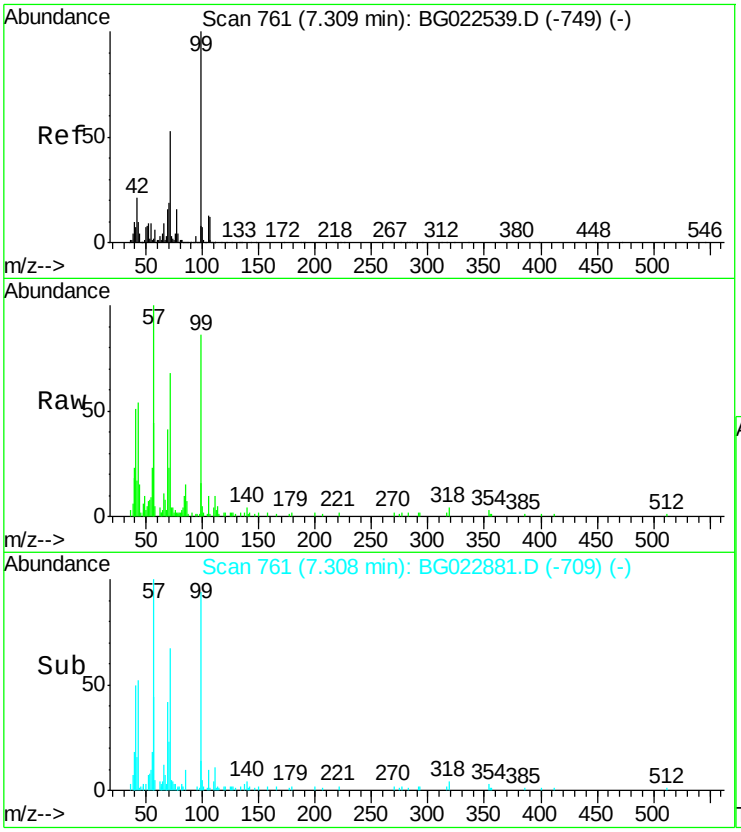




#5
2-Fluorophenol
Concen: 2.20 ng
RT: 5.70 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG022881.D
Acq: 6 Jul 2016 18:05

Tgt Ion:112 Resp: 16456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 85.6 | 59.0 | 88.4 |
| 63 | 37.2 | 37.8 | 56.8# |



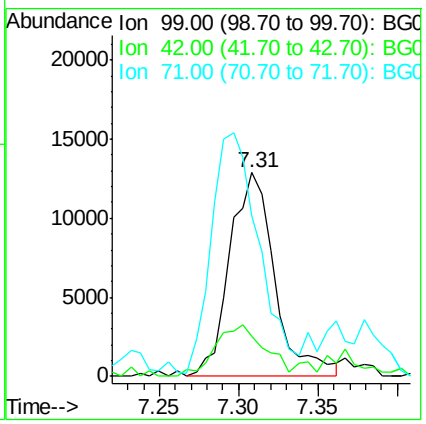


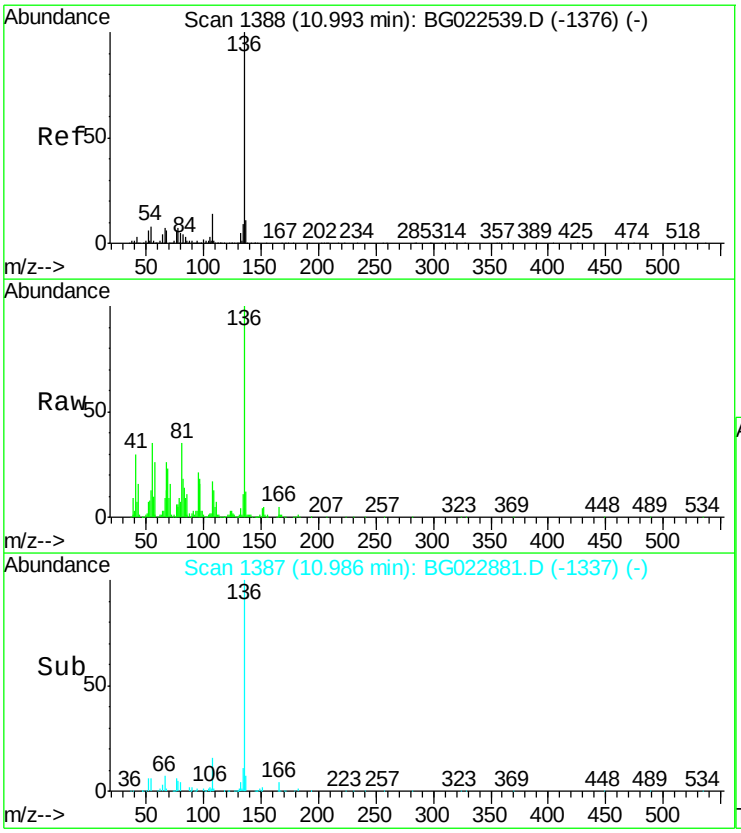

#7
Phenol-d6
Concen: 2.41 ng
RT: 7.31 min Scan# 761
Delta R.T. 0.00 min
Lab File: BG022881.D
Acq: 6 Jul 2016 18:05

**Instrument :**
BNA_G
**ClientSampleId :**
LAR9942

Tgt Ion: 99 Resp: 25378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.7 | 17.8 | 26.6 |
| 71 | 79.0 | 41.5 | 62.3# |

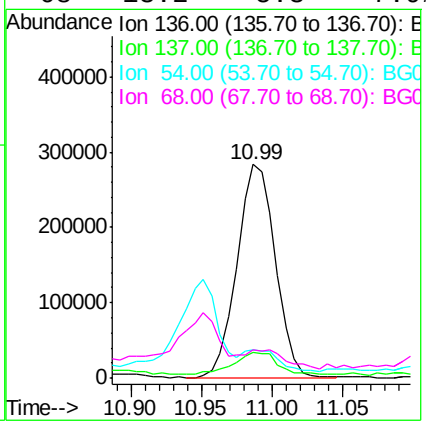


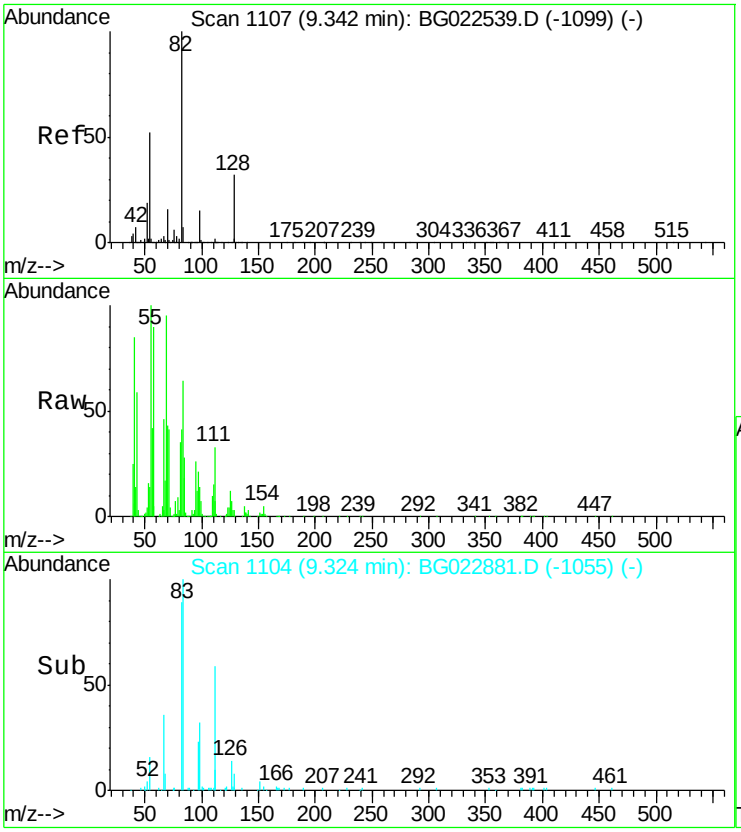




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BG022881.D
Acq: 6 Jul 2016 18:05

Tgt Ion:136 Resp: 537939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.7 | 9.6 | 14.4 |
| 54 | 13.3 | 7.3 | 10.9# |
| 68 | 13.2 | 5.3 | 7.9# |



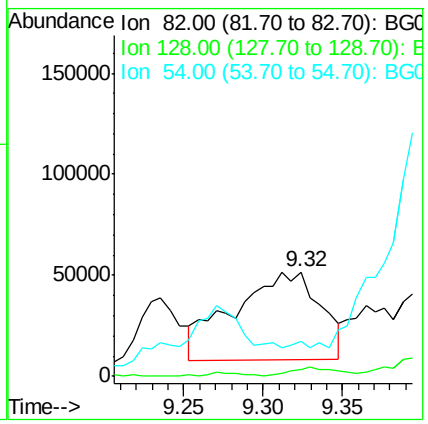


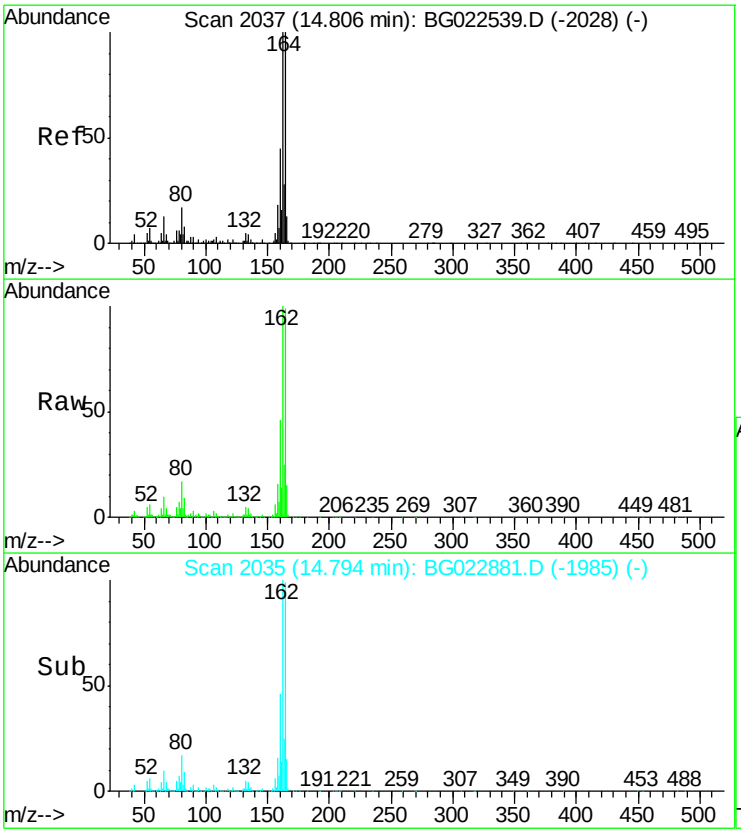

#23
Nitrobenzene-d5
Concen: 13.02 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BG022881.D
Acq: 6 Jul 2016 18:05

**Instrument :**
BNA_G
**ClientSampleId :**
LAR9942

Tgt Ion: 82 Resp: 165466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 6.1 | 24.4 | 36.6# |
| 54 | 33.9 | 41.4 | 62.0# |

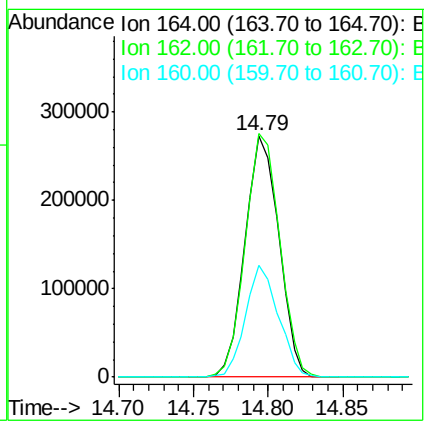


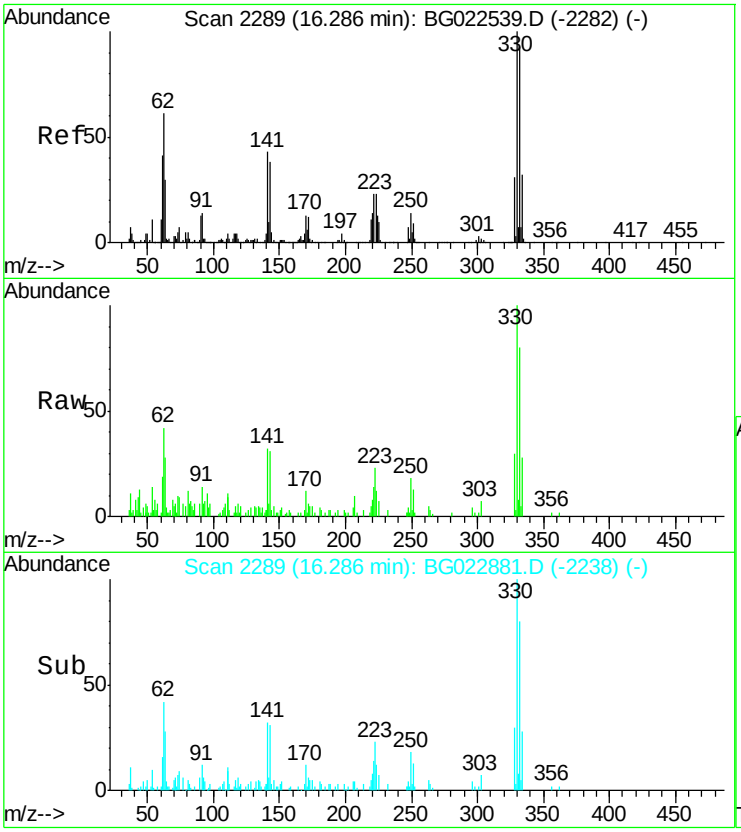




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG022881.D
Acq: 6 Jul 2016 18:05

Tgt Ion:164 Resp: 429398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.8 | 87.7 | 131.5 |
| 160 | 46.1 | 37.2 | 55.8 |



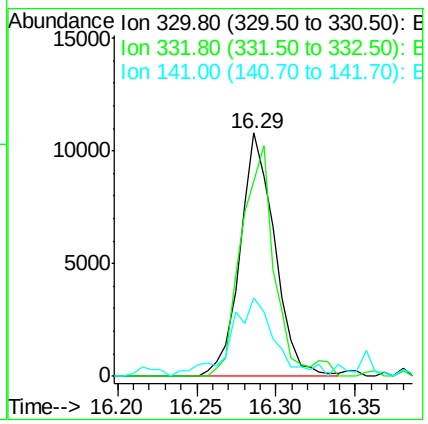


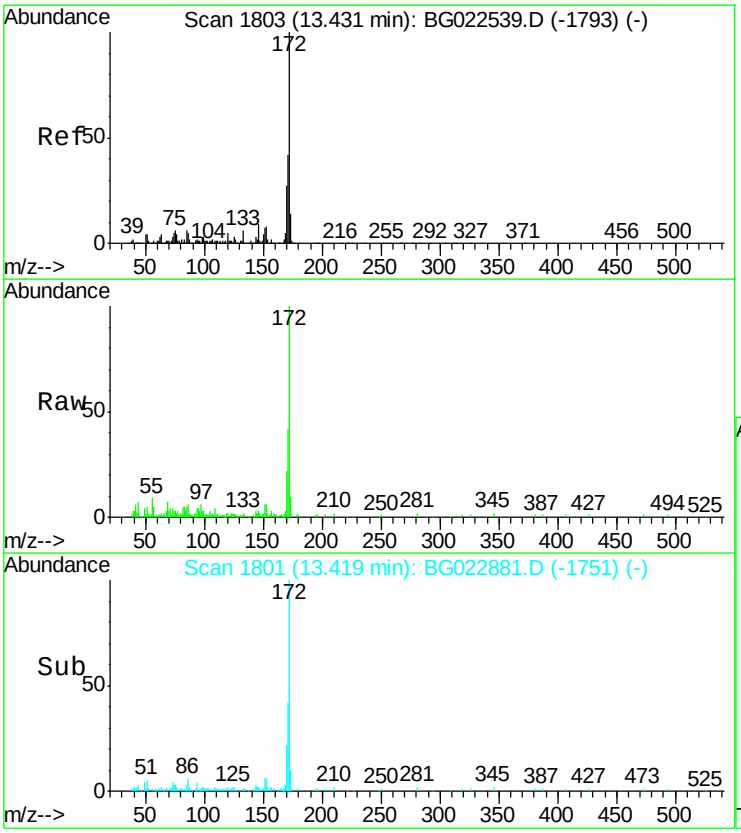

#41
2,4,6-Tribromophenol
Concen: 2.43 ng
RT: 16.29 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BG022881.D
Acq: 6 Jul 2016 18:05

**Instrument :**
BNA_G
**ClientSampleId :**
LAR9942

Tgt Ion:330 Resp: 16395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 88.9 | 77.4 | 116.2 |
| 141 | 40.7 | 31.7 | 47.5 |

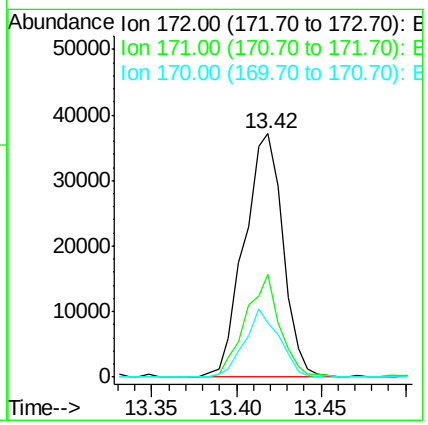


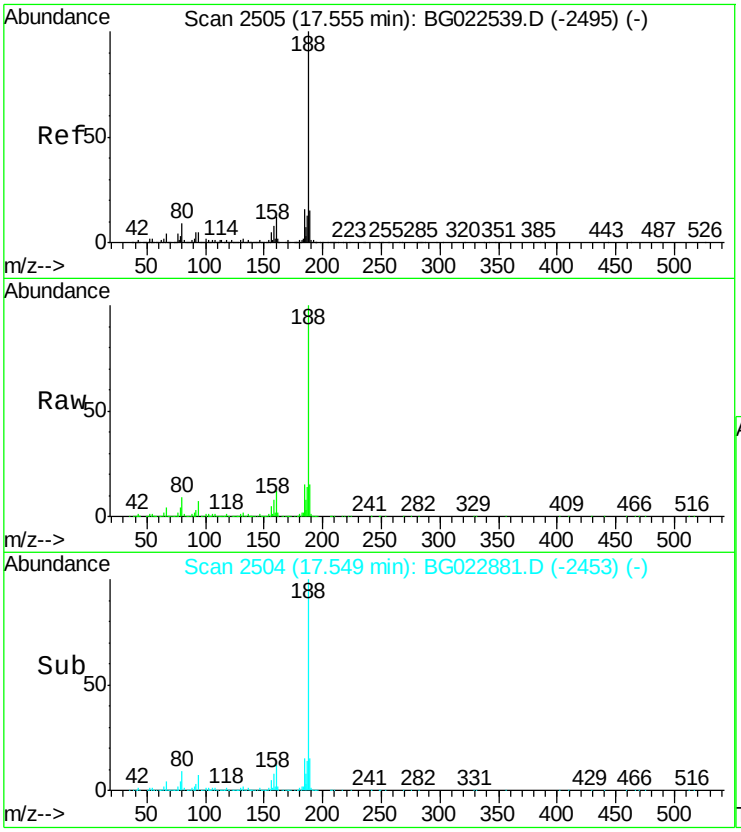




#44
2-Fluorobiphenyl
Concen: 2.19 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022881.D
Acq: 6 Jul 2016 18:05

Tgt Ion:172 Resp: 59396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 42.3 | 31.6 | 47.4 |
| 170 | 22.1 | 21.3 | 31.9 |



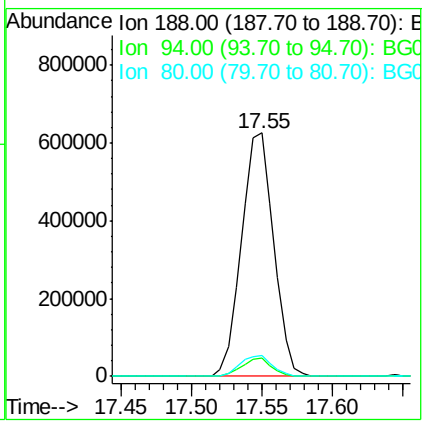


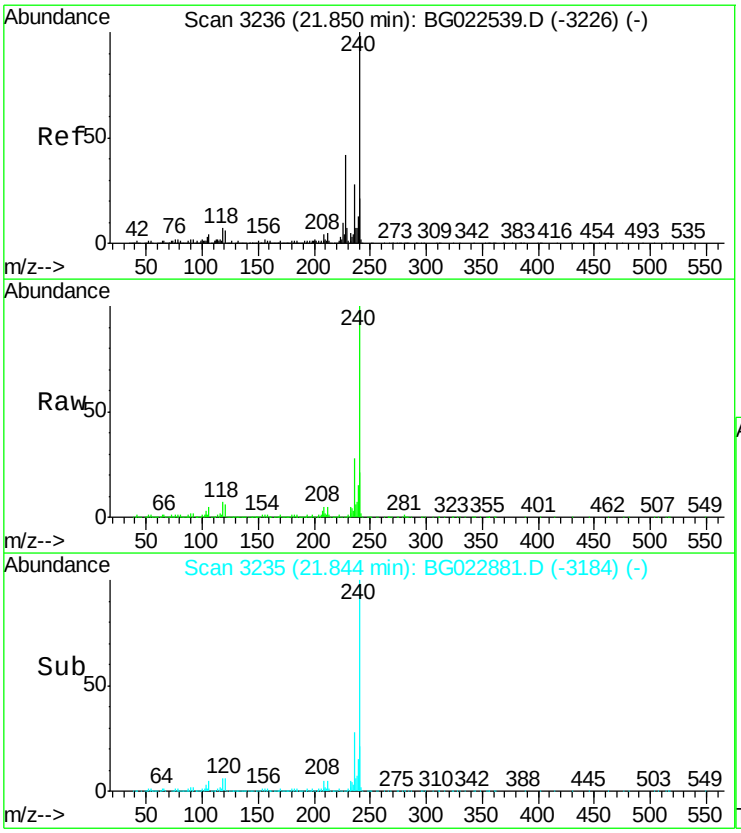

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.00 min
Lab File: BG022881.D
Acq: 6 Jul 2016 18:05

**Instrument :**
BNA_G
**ClientSampleId :**
LAR9942

Tgt Ion:188 Resp: 999078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.4 | 5.2 | 7.8 |
| 80 | 8.5 | 7.2 | 10.8 |

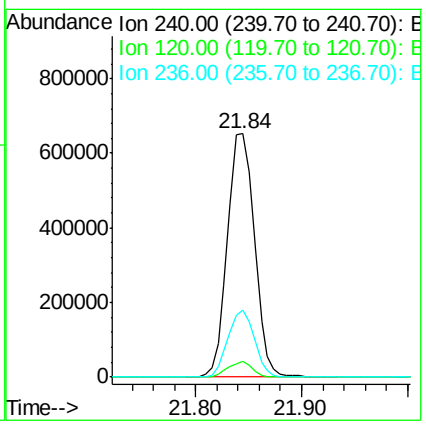


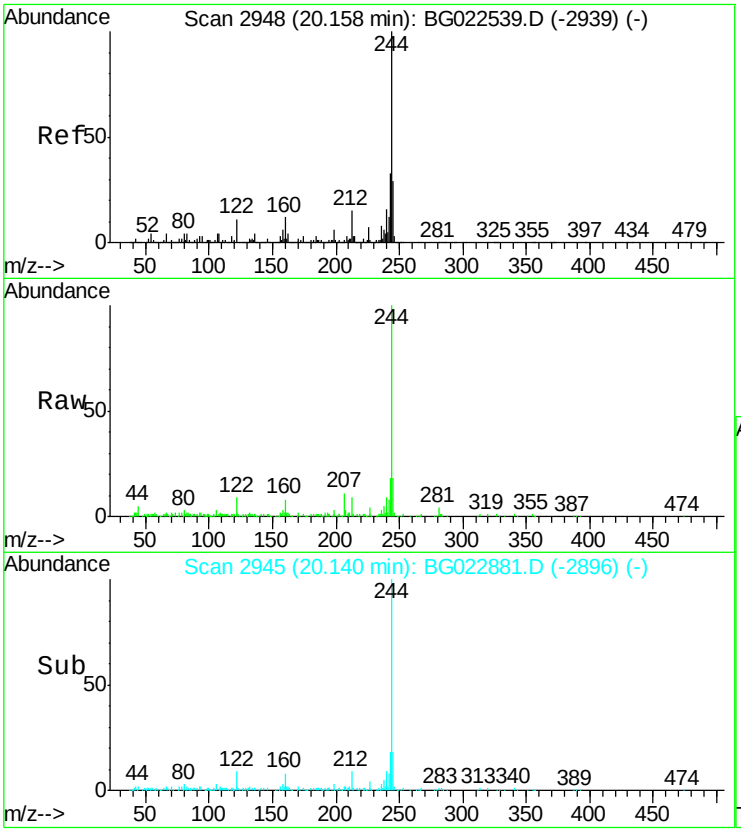




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022881.D
Acq: 6 Jul 2016 18:05

Tgt Ion:240 Resp: 1157184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.4 | 4.1 | 6.1# |
| 236 | 27.7 | 21.1 | 31.7 |



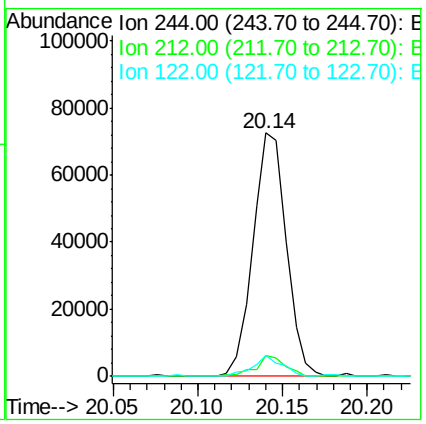


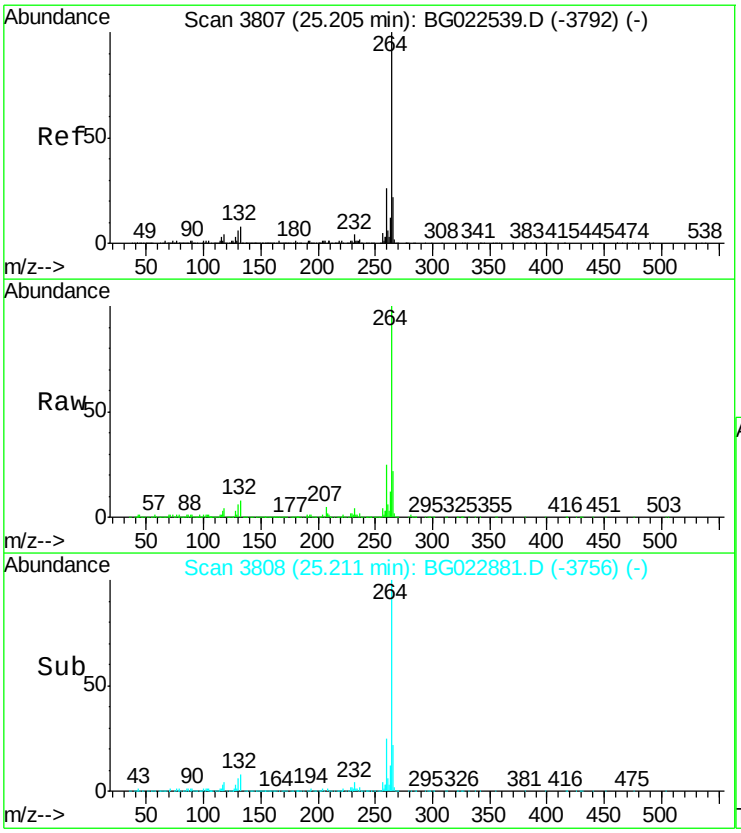

#78
Terphenyl-d14
Concen: 2.28 ng
RT: 20.14 min Scan# 2945
Delta R.T. -0.01 min
Lab File: BG022881.D
Acq: 6 Jul 2016 18:05

**Instrument :**
BNA_G
**ClientSampleId :**
LAR9942

Tgt Ion:244 Resp: 99531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.5 | 10.8 | 16.2# |
| 122 | 8.7 | 8.0 | 12.0 |




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3808
Delta R.T. 0.00 min
Lab File: BG022881.D
Acq: 6 Jul 2016 18:05

Tgt Ion:264 Resp: 1177485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.2 | 18.4 | 27.6 |
| 265 | 22.4 | 18.9 | 28.3 |