Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051615\
Data File : BM001301.D
Acq On : 14 May 2015 20:47
Operator : TP/IZ
Sample : G2210-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** 050815-P17-E-U-B

Quant Time: May 15 05:32:21 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 05:14:53 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.45 | 152 | 13460 | 5.00 | ng | 0.00 |
| 6) Naphthalene-d8 | 10.22 | 136 | 47886 | 5.00 | ng | 0.00 |
| 12) Acenaphthene-d10 | 14.12 | 164 | 25092 | 5.00 | ng | 0.00 |
| 18) Phenanthrene-d10 | 16.85 | 188 | 70924 | 5.00 | ng | 0.00 |
| 24) Chrysene-d12 | 21.07 | 240 | 44971 | 5.00 | ng | -0.01 |
| 30) Perylene-d12 | 23.18 | 264 | 43487 | 5.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.02 | 112 | 13180 | 5.03 | ng | -0.02 |
| 5) Phenol-d6 | 6.63 | 99 | 9931 | 3.36 | ng | 0.00 |
| 7) Nitrobenzene-d5 | 8.60 | 82 | 20372 | 6.71 | ng | 0.00 |
| 13) 2,4,6-Tribromophenol | 15.63 | 330 | 7853 | 9.12 | ng | 0.00 |
| 14) 2-Fluorobiphenyl | 12.73 | 172 | 60417 | 7.76 | ng | 0.00 |
| 26) Terphenyl-d14 | 19.51 | 244 | 52334 | 8.66 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) n-Nitrosodimethylamine | 3.17 | 42 | 139 | 0.09 | ng | # 1 |
| 8) Nitrobenzene | 8.60 | 77 | 91 | 0.16 | ng | # 29 |
| 17) Fluorene | 14.77 | 166 | 407 | 0.07 | ng | # 50 |
| 20) Pentachlorophenol | 16.49 | 266 | 6 | 0.42 | ng | # 68 |
| 21) Phenanthrene | 16.88 | 178 | 237 | 0.02 | ng | # 95 |
| 22) Anthracene | 16.88 | 178 | 237 | 0.02 | ng | # 93 |

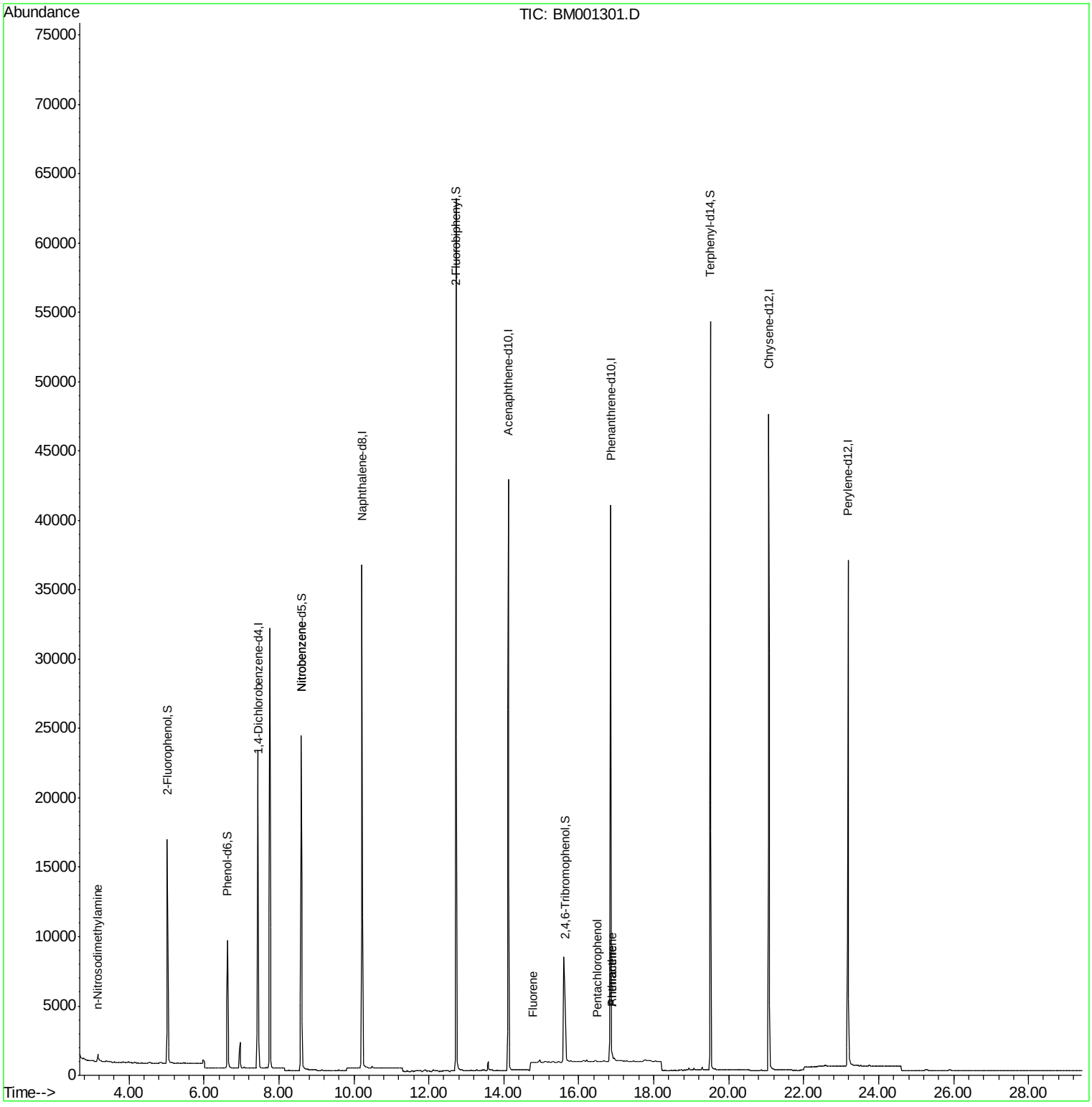
(#) = qualifier out of range (m) = manual integration (+) = signals summed

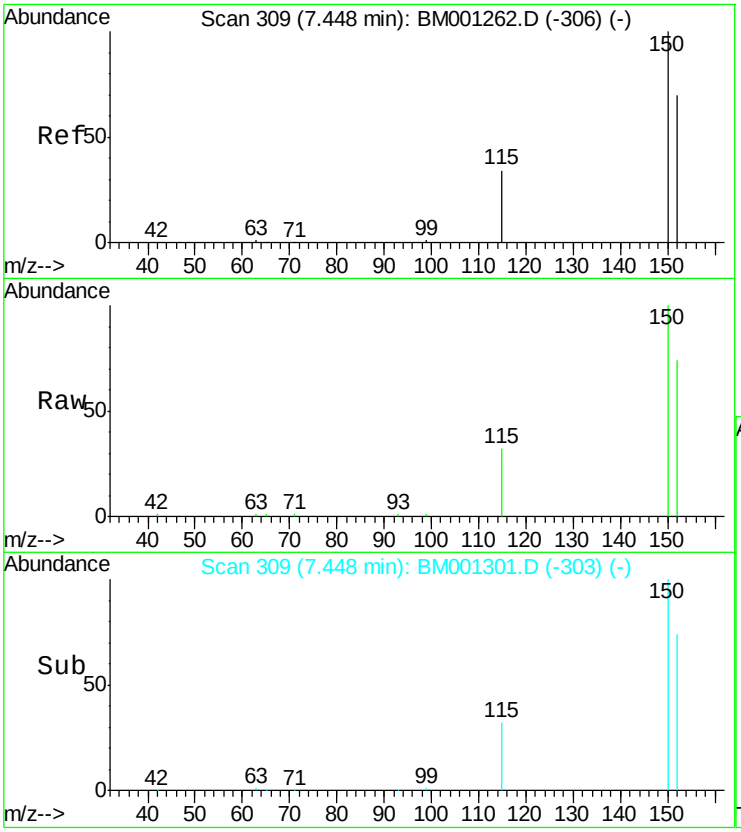
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051615\
Data File : BM001301.D
Acq On : 14 May 2015 20:47
Operator : TP/IZ
Sample : G2210-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
050815-P17-E-U-B

Quant Time: May 15 05:32:21 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 05:14:53 2015
Response via : Initial Calibration



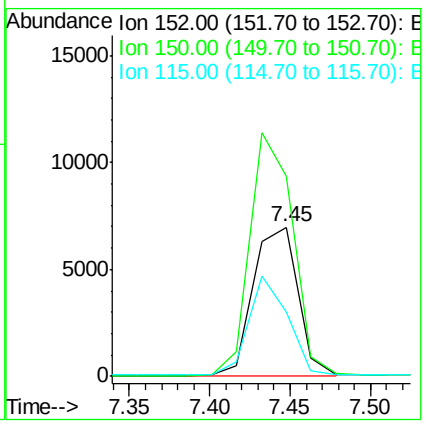


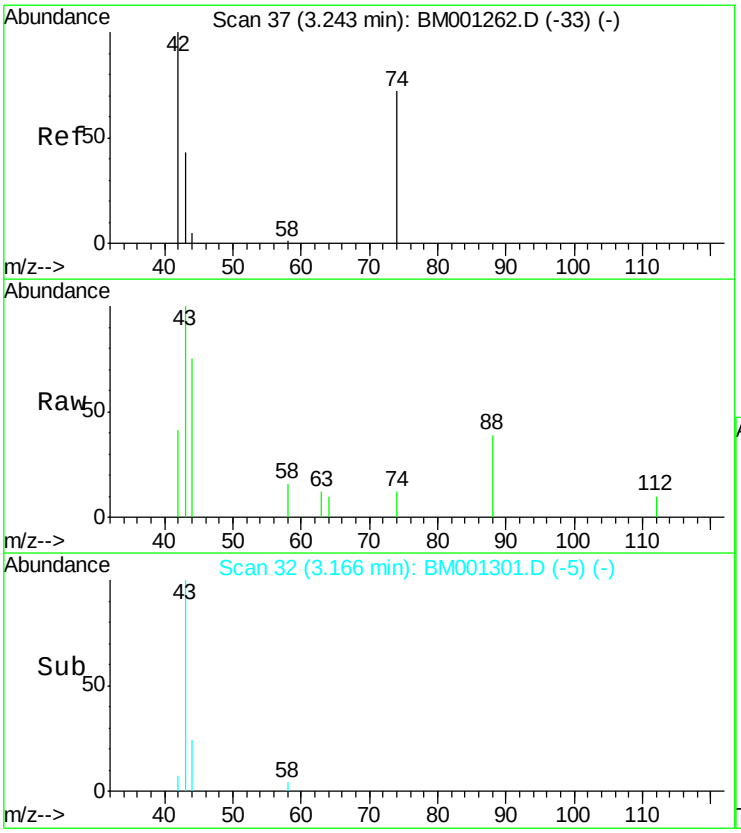

#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.45 min Scan# 309
Delta R.T. 0.00 min
Lab File: BM001301.D
Acq: 14 May 2015 20:47

**Instrument :**
BNA_M
**ClientSampleId :**
050815-P17-E-U-B

Tgt Ion:152 Resp: 13460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 134.3 | 114.6 | 172.0 |
| 115 | 43.5 | 39.3 | 58.9 |

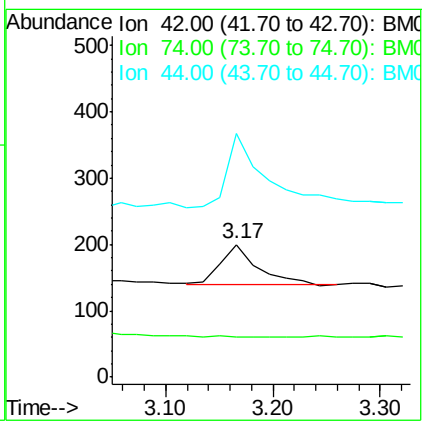


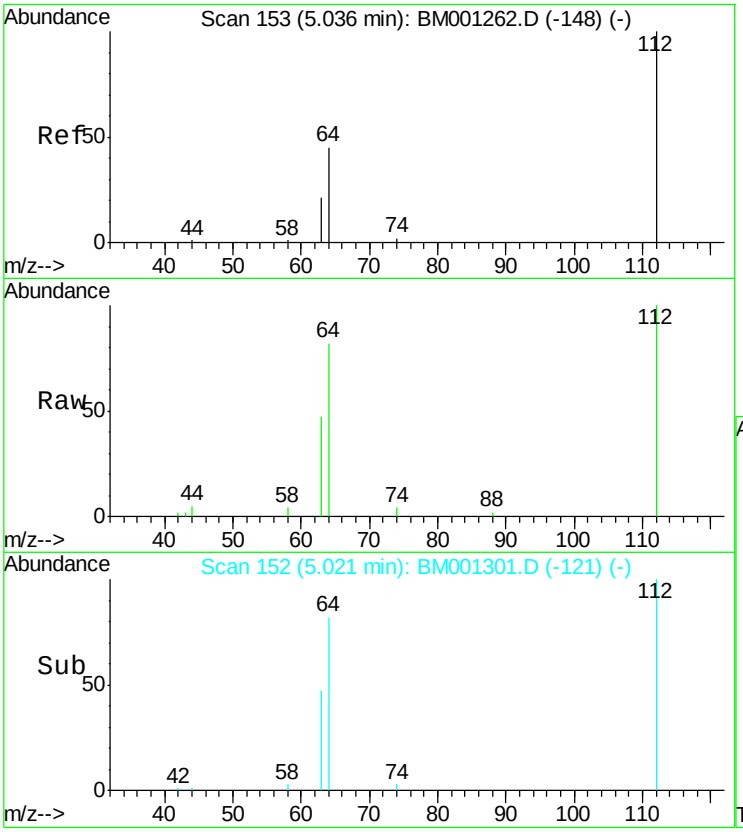




#3
n-Nitrosodimethylamine
Concen: 0.09 ng
RT: 3.17 min Scan# 32
Delta R.T. -0.08 min
Lab File: BM001301.D
Acq: 14 May 2015 20:47

Tgt Ion: 42 Resp: 139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 0.0 | 82.1 | 123.1# |
| 44 | 236.7 | 3.0 | 4.4# |



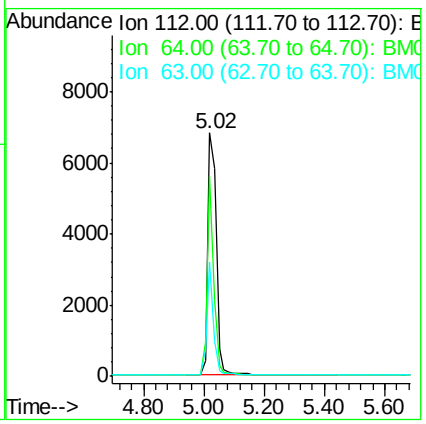


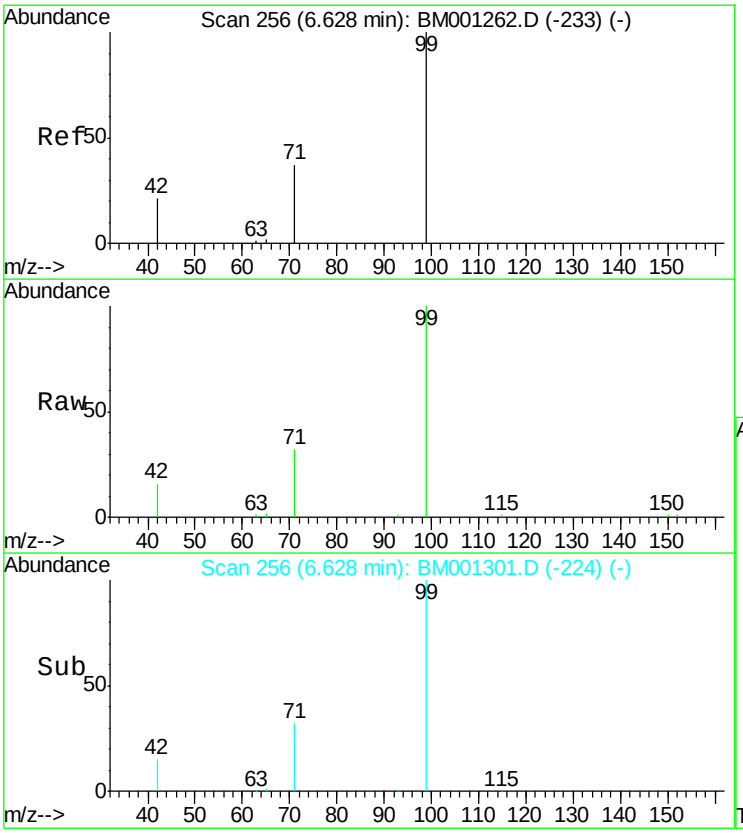

#4
2-Fluorophenol
Concen: 5.03 ng
RT: 5.02 min Scan# 152
Delta R.T. -0.02 min
Lab File: BM001301.D
Acq: 14 May 2015 20:47

**Instrument :**
BNA_M
**ClientSampleId :**
050815-P17-E-U-B

Tgt Ion:112 Resp: 13180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 63.7 | 50.8 | 76.2 |
| 63 | 35.9 | 28.2 | 42.4 |

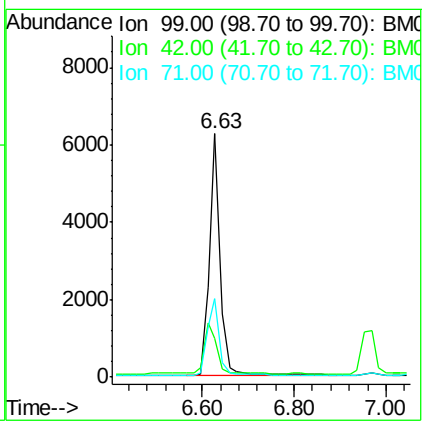


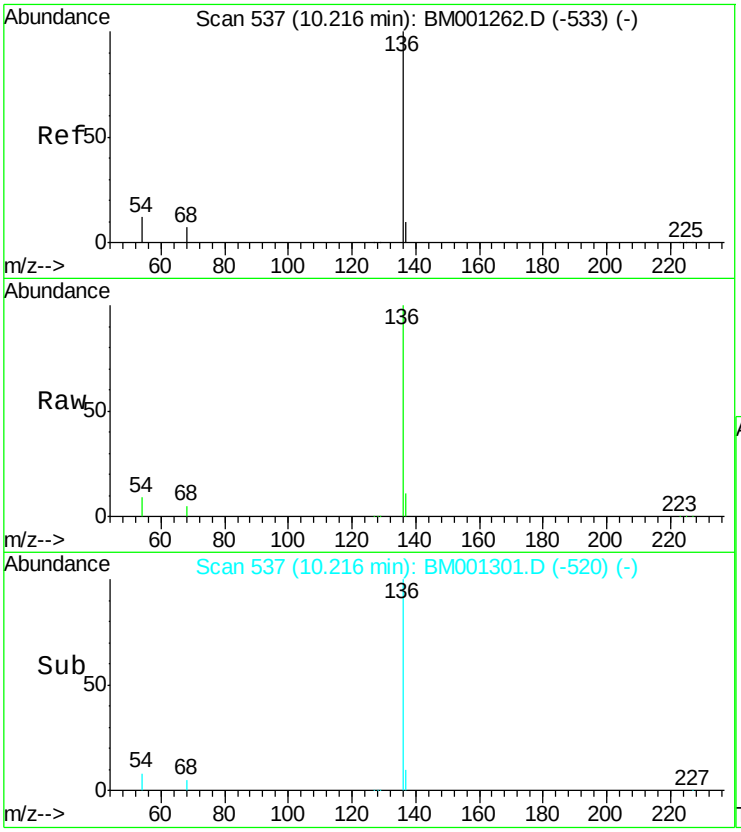




#5
Phenol-d6
Concen: 3.36 ng
RT: 6.63 min Scan# 256
Delta R.T. 0.00 min
Lab File: BM001301.D
Acq: 14 May 2015 20:47

Tgt Ion: 99 Resp: 9931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 24.2 | 19.9 | 29.9 |
| 71 | 35.4 | 28.0 | 42.0 |



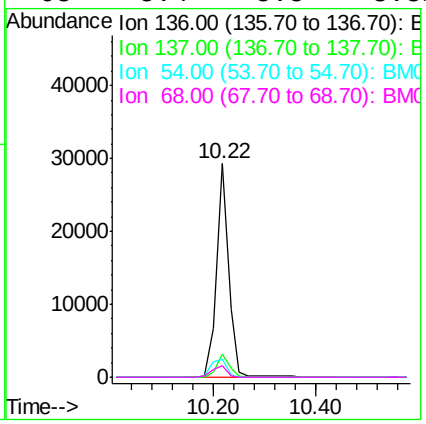


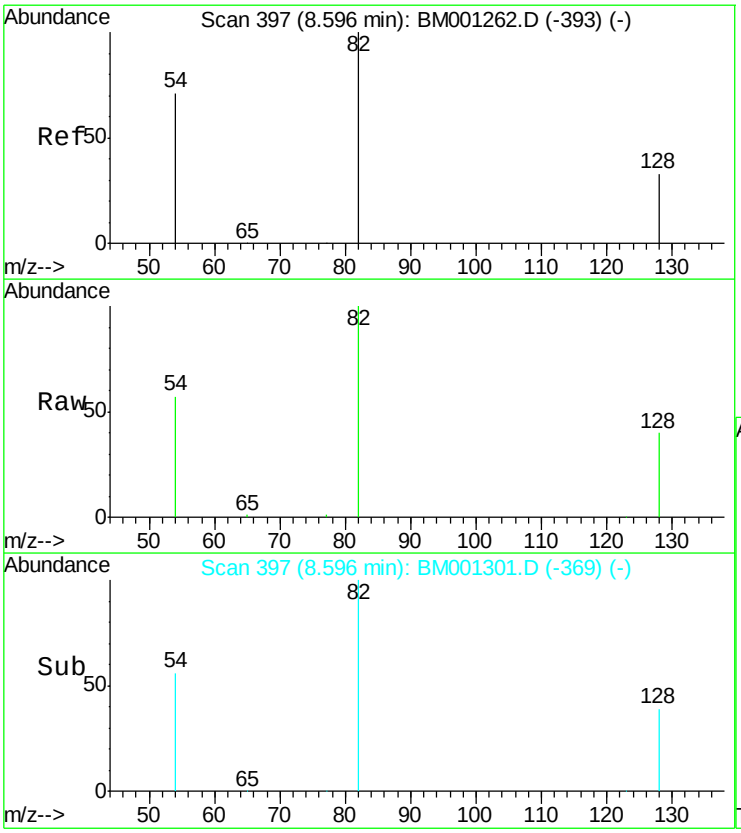

#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BM001301.D
Acq: 14 May 2015 20:47

**Instrument :**
BNA_M
**ClientSampleId :**
050815-P17-E-U-B

Tgt Ion:136 Resp: 47886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.6 | 8.2 | 12.4 |
| 54 | 8.6 | 9.5 | 14.3# |
| 68 | 5.4 | 5.5 | 8.3# |

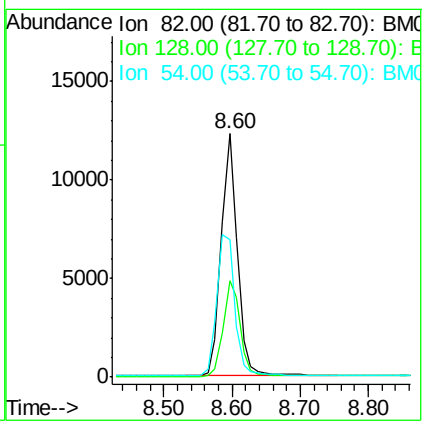


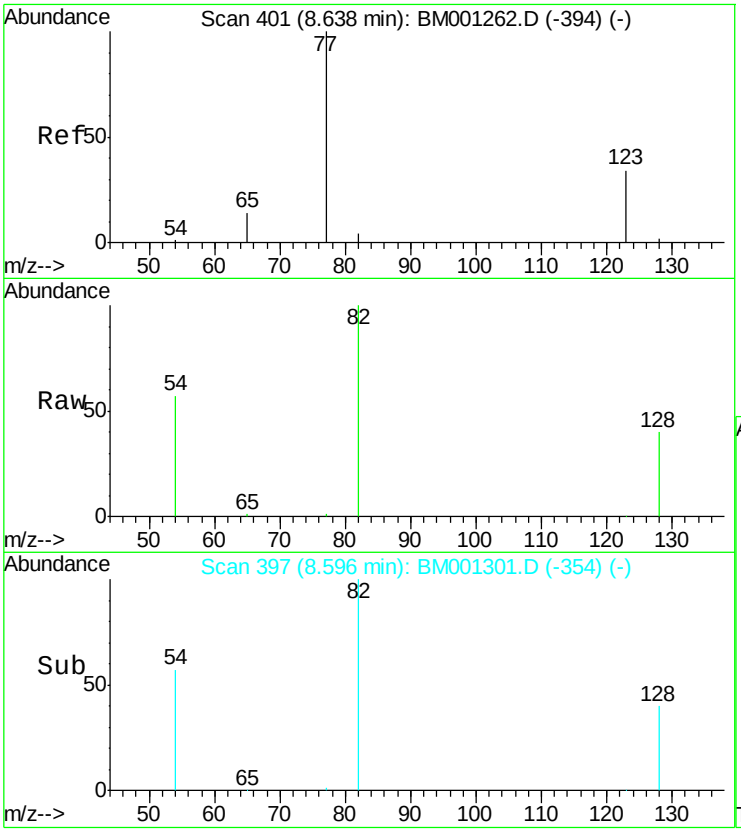




#7
Nitrobenzene-d5
Concen: 6.71 ng
RT: 8.60 min Scan# 397
Delta R.T. 0.00 min
Lab File: BM001301.D
Acq: 14 May 2015 20:47

Tgt Ion: 82 Resp: 20372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.7 | 28.0 | 42.0 |
| 54 | 56.5 | 57.3 | 85.9# |



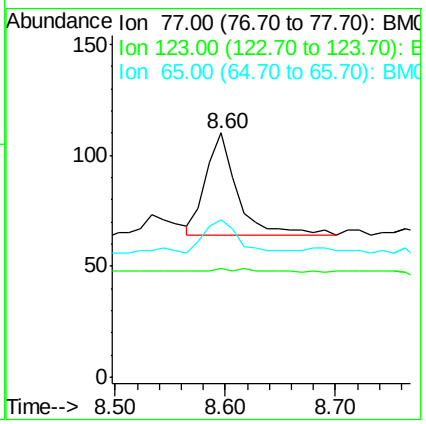


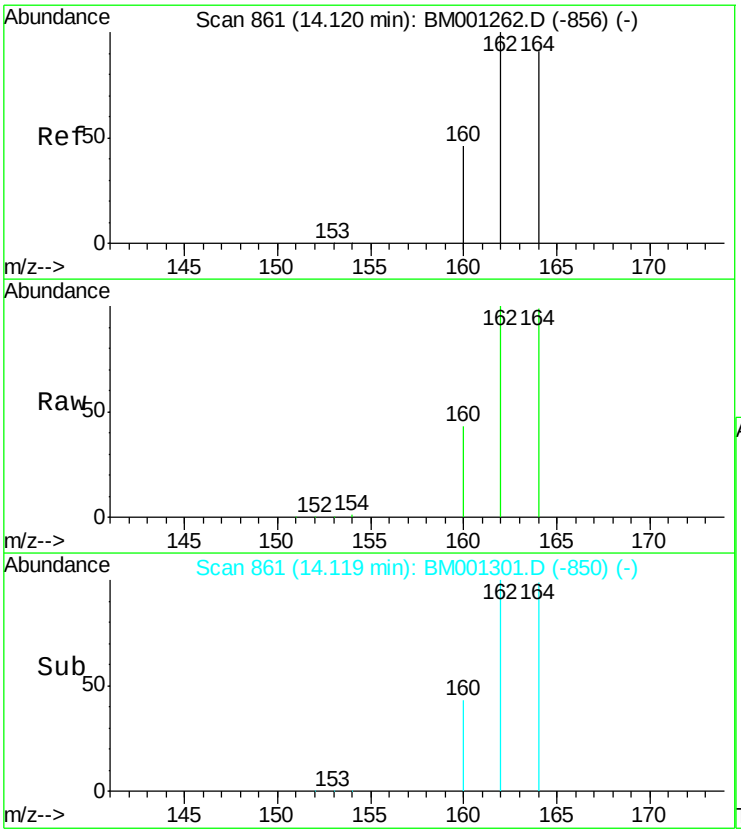

#8
Nitrobenzene
Concen: 0.16 ng
RT: 8.60 min Scan# 397
Delta R.T. -0.04 min
Lab File: BM001301.D
Acq: 14 May 2015 20:47

**Instrument :**
BNA_M
**ClientSampleId :**
050815-P17-E-U-B

Tgt Ion: 77 Resp: 91

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 0.0 | 33.4 | 50.2# |
| 65 | 48.4 | 10.6 | 15.8# |

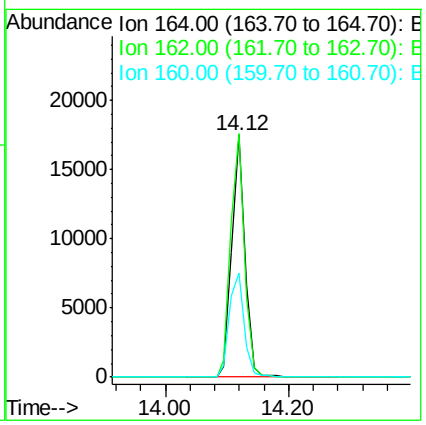


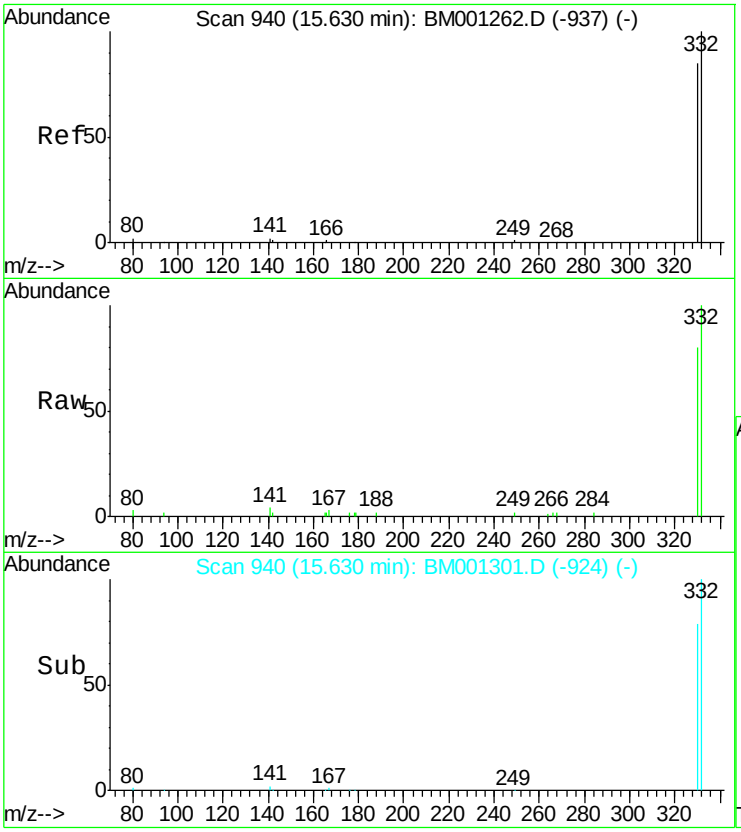




#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.12 min Scan# 861
Delta R.T. 0.00 min
Lab File: BM001301.D
Acq: 14 May 2015 20:47

Tgt Ion:164 Resp: 25092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.5 | 87.9 | 131.9 |
| 160 | 43.2 | 40.9 | 61.3 |



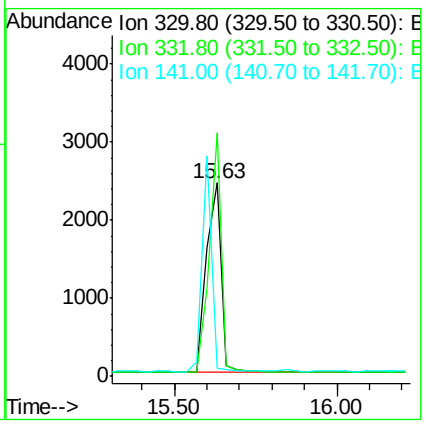


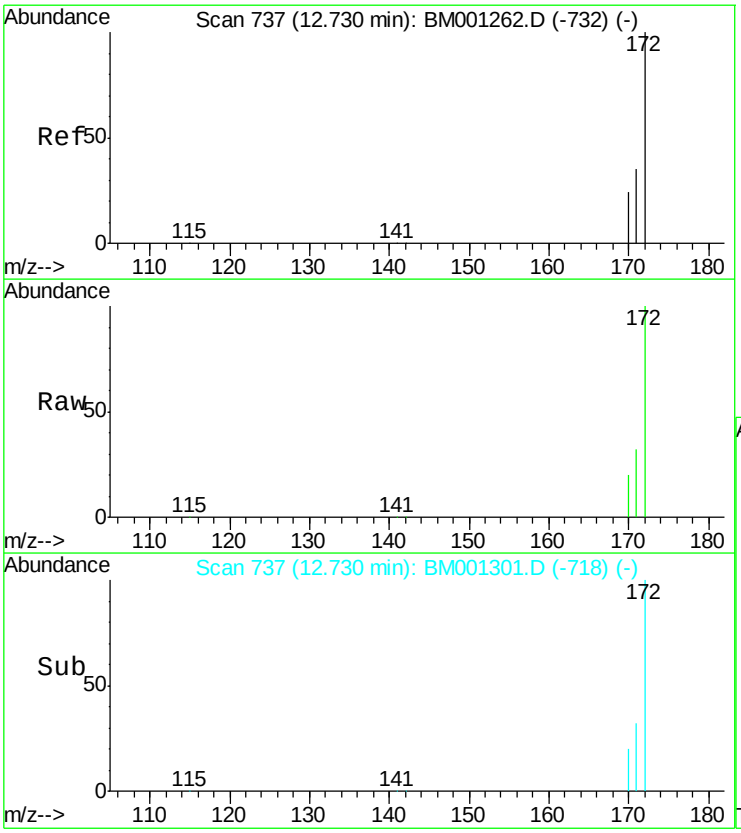

#13
2,4,6-Tribromophenol
Concen: 9.12 ng
RT: 15.63 min Scan# 940
Delta R.T. 0.00 min
Lab File: BM001301.D
Acq: 14 May 2015 20:47

**Instrument :**
BNA_M
**ClientSampleId :**
050815-P17-E-U-B

Tgt Ion:330 Resp: 7853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 103.0 | 89.0 | 133.4 |
| 141 | 0.0 | 0.0 | 0.0 |

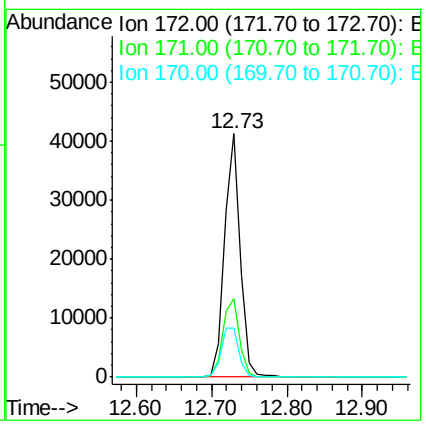


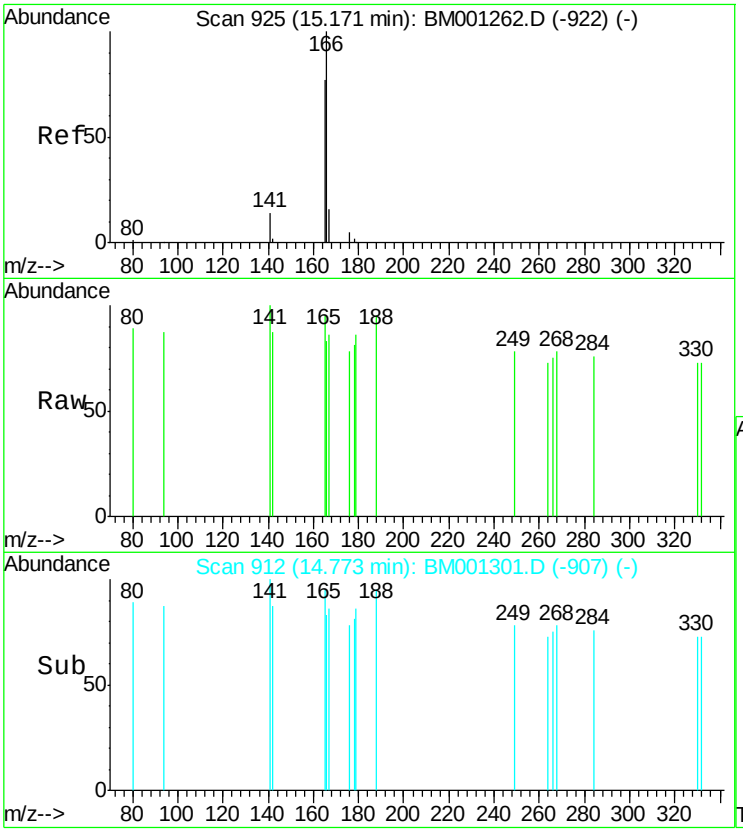




#14
2-Fluorobiphenyl
Concen: 7.76 ng
RT: 12.73 min Scan# 737
Delta R.T. 0.00 min
Lab File: BM001301.D
Acq: 14 May 2015 20:47

Tgt Ion:172 Resp: 60417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 32.3 | 28.7 | 43.1 |
| 170 | 20.1 | 19.5 | 29.3 |



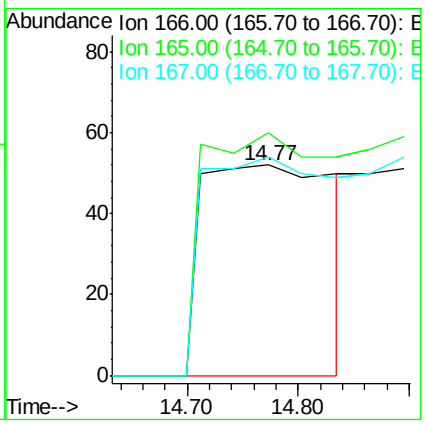


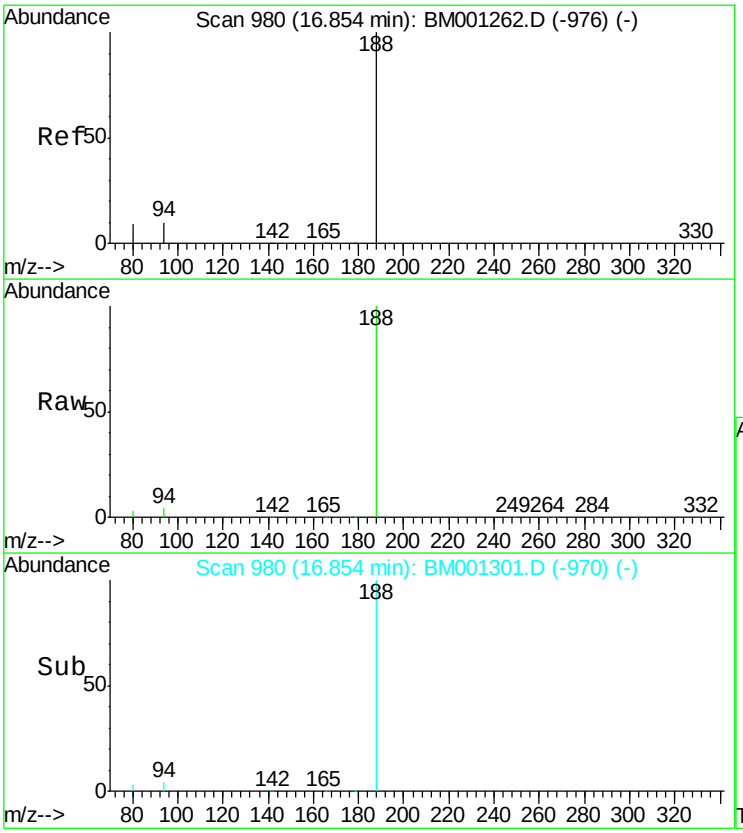

#17
Fluorene
Concen: 0.07 ng
RT: 14.77 min Scan# 912
Delta R.T. -0.40 min
Lab File: BM001301.D
Acq: 14 May 2015 20:47

**Instrument :**
BNA_M
**ClientSampleId :**
050815-P17-E-U-B

Tgt Ion:166 Resp: 407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 111.1 | 70.6 | 106.0# |
| 167 | 101.2 | 11.3 | 16.9# |

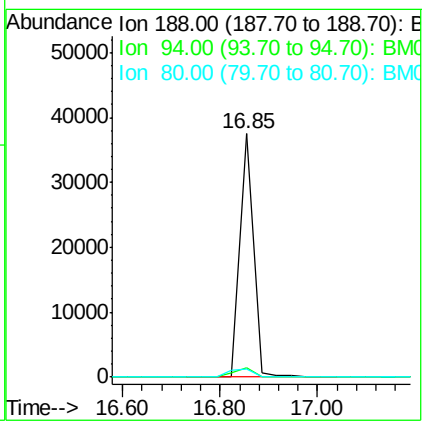


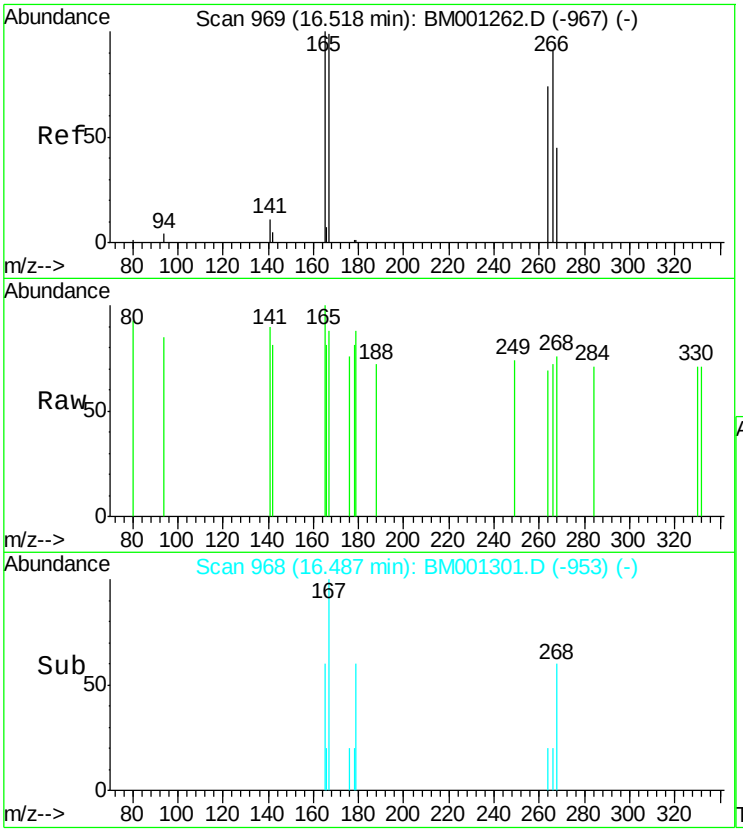




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BM001301.D
Acq: 14 May 2015 20:47

Tgt Ion:188 Resp: 70924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 3.7 | 7.8 | 11.8# |
| 80 | 3.3 | 7.5 | 11.3# |



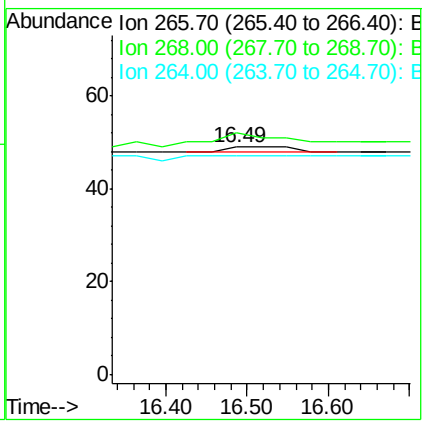


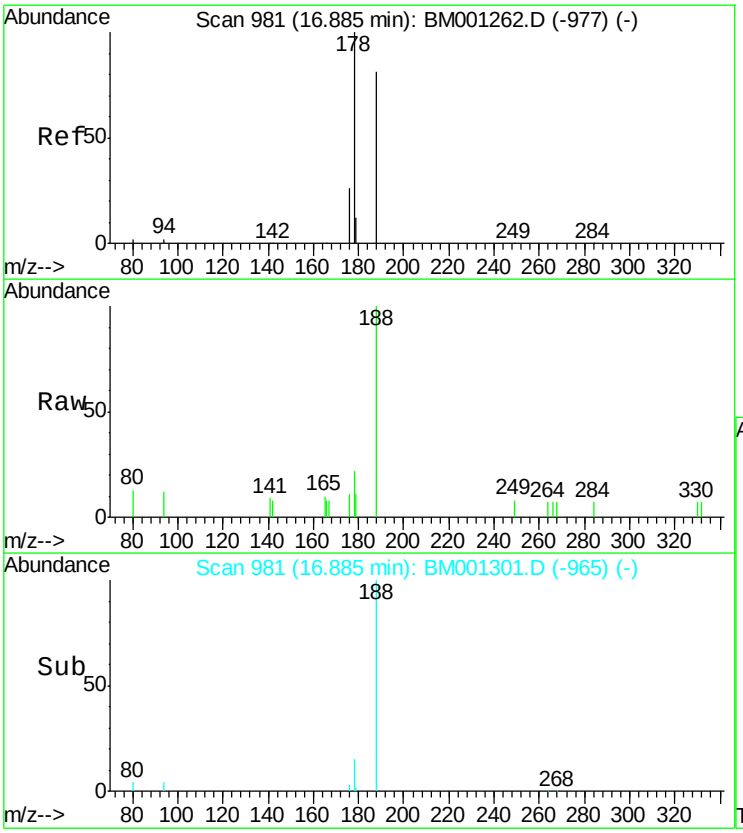

#20
Pentachlorophenol
Concen: 0.42 ng
RT: 16.49 min Scan# 968
Delta R.T. -0.03 min
Lab File: BM001301.D
Acq: 14 May 2015 20:47

**Instrument :**
BNA_M
**ClientSampleId :**
050815-P17-E-U-B

Tgt Ion:266 Resp: 6

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 106.1 | 49.4 | 74.0# |
| 264 | 95.9 | 67.8 | 101.6 |

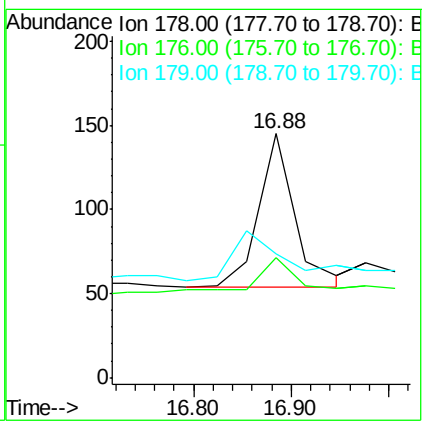


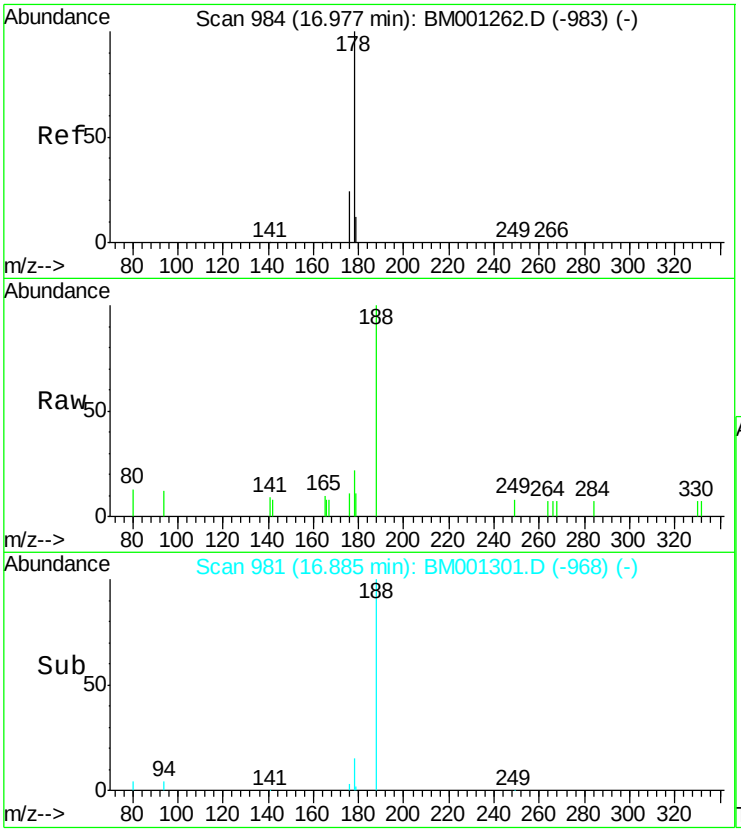




#21
Phenanthrene
Concen: 0.02 ng
RT: 16.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM001301.D
Acq: 14 May 2015 20:47

Tgt Ion:178 Resp: 237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 22.4 | 15.9 | 23.9 |
| 179 | 0.0 | 0.0 | 0.0 |



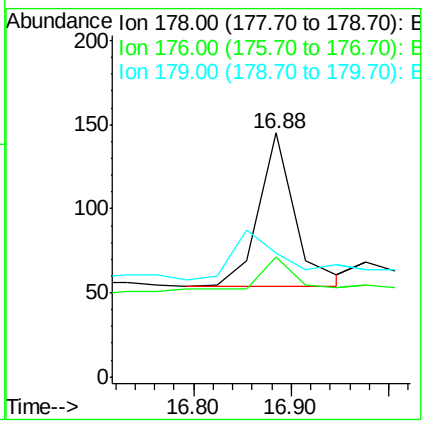


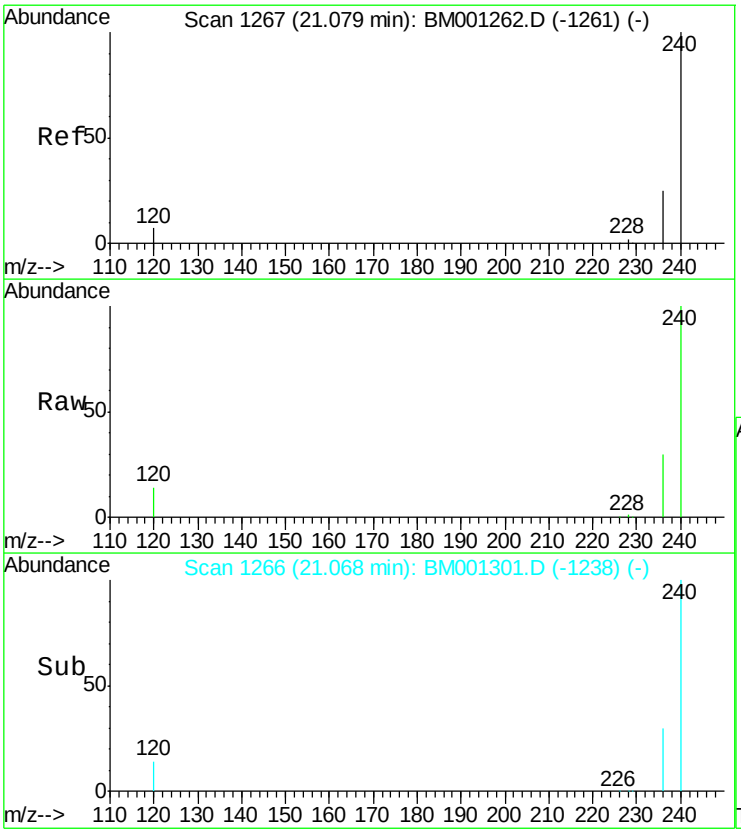

#22
Anthracene
Concen: 0.02 ng
RT: 16.88 min Scan# 981
Delta R.T. -0.09 min
Lab File: BM001301.D
Acq: 14 May 2015 20:47

**Instrument :**
BNA_M
**ClientSampleId :**
050815-P17-E-U-B

Tgt Ion:178 Resp: 237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 22.4 | 15.3 | 22.9 |
| 179 | 0.0 | 0.0 | 0.0 |

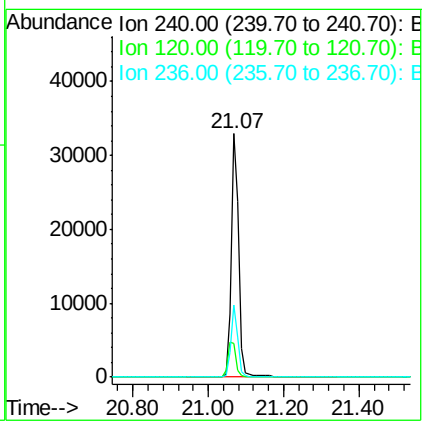


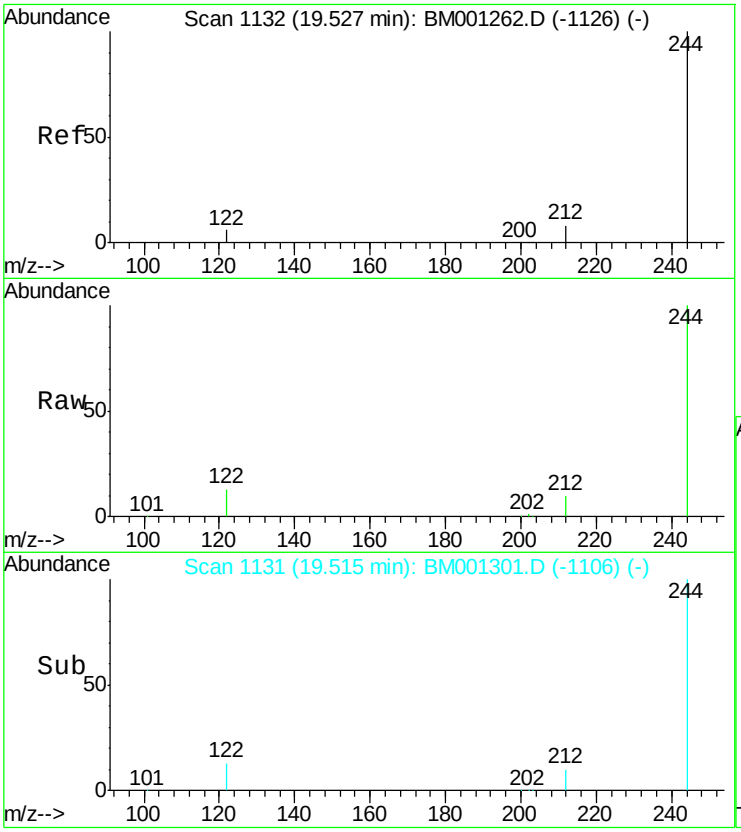




#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BM001301.D
Acq: 14 May 2015 20:47

Tgt Ion:240 Resp: 44971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 14.0 | 5.5 | 8.3# |
| 236 | 29.7 | 20.4 | 30.6 |



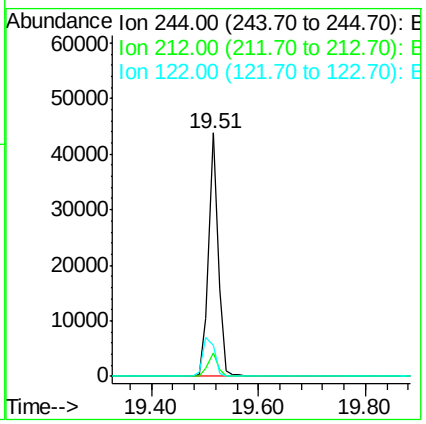


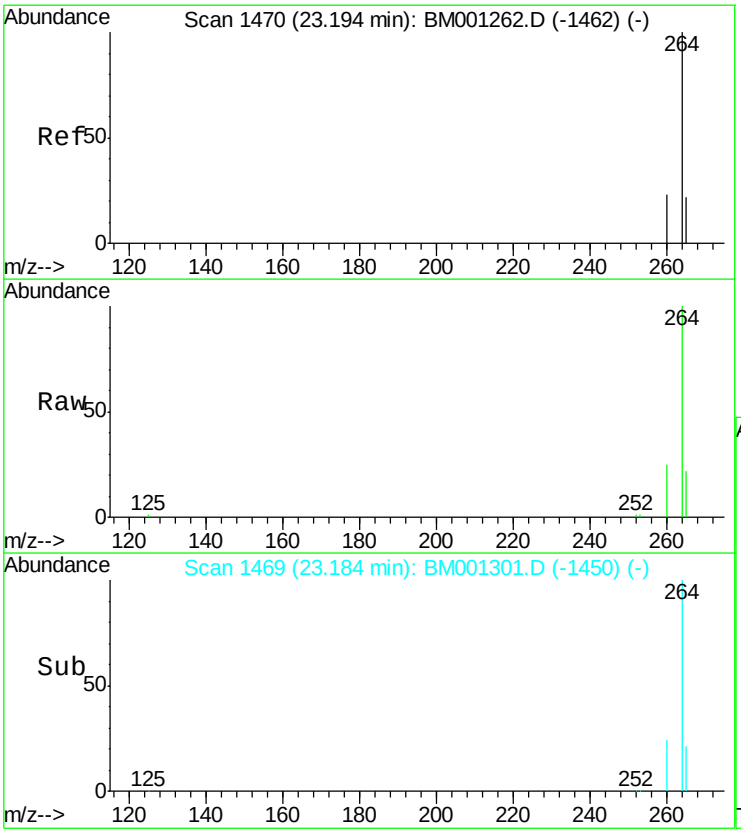

#26
Terphenyl-d14
Concen: 8.66 ng
RT: 19.51 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BM001301.D
Acq: 14 May 2015 20:47

**Instrument :**
BNA_M
**ClientSampleId :**
050815-P17-E-U-B

Tgt Ion:244 Resp: 52334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.9 | 7.2 | 10.8 |
| 122 | 12.8 | 5.6 | 8.4# |




#30
Perylene-d12
Concen: 5.00 ng
RT: 23.18 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BM001301.D
Acq: 14 May 2015 20:47

Tgt Ion:264 Resp: 43487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.6 | 18.9 | 28.3 |
| 265 | 21.9 | 18.1 | 27.1 |