Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM052015\
Data File : BM001371.D
Acq On : 21 May 2015 22:19
Operator : TP/IZ
Sample : G2255-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SS043MW039-150512

Quant Time: May 22 05:31:00 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM052015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 25 10:49:04 2015
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.432 | 152 | 8740 | 5.00 | ng | 0.00 |
| 6) Naphthalene-d8 | 10.199 | 136 | 35762 | 5.00 | ng | 0.00 |
| 12) Acenaphthene-d10 | 14.107 | 164 | 22786 | 5.00 | ng | 0.00 |
| 18) Phenanthrene-d10 | 16.852 | 188 | 43513 | 5.00 | ng | # 0.00 |
| 25) Chrysene-d12 | 21.051 | 240 | 51944 | 5.00 | ng | #-0.02 |
| 32) Perylene-d12 | 23.168 | 264 | 45138 | 5.00 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.021 | 112 | 7645 | 4.50 | ng | 0.00 |
| 5) Phenol-d6 | 6.613 | 99 | 6087 | 2.88 | ng | 0.00 |
| 7) Nitrobenzene-d5 | 8.586 | 82 | 17821 | 9.24 | ng | 0.00 |
| 13) 2,4,6-Tribromophenol | 15.595 | 330 | 12071 | 12.72 | ng | 0.00 |
| 14) 2-Fluorobiphenyl | 12.719 | 172 | 63135 | 9.29 | ng | 0.00 |
| 27) Terphenyl-d14 | 19.503 | 244 | 71035 | 10.40 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 3) n-Nitrosodimethylamine | 3.506 | 42 | 34 | 0.03 | ng | # 67 |
| 8) Nitrobenzene | 8.575 | 77 | 74 | 0.15 | ng | # 31 |
| 17) Fluorene | 14.712 | 166 | 384 | 0.08 | ng | # 78 |
| 21) Pentachlorophenol | 16.478 | 266 | 69 | 0.43 | ng | # 58 |
| 23) Anthracene | 16.886 | 178 | 139 | 0.02 | ng | # 42 |
| 28) Benzo(a)anthracene | 21.051 | 228 | 339 | 0.02 | ng | # 70 |
| 29) Chrysene | 21.051 | 228 | 357 | 0.03 | ng | # 65 |
| 30) Bis(2-ethylhexyl)phtha... | 20.974 | 149 | 3864 | 0.60 | ng | 97 |

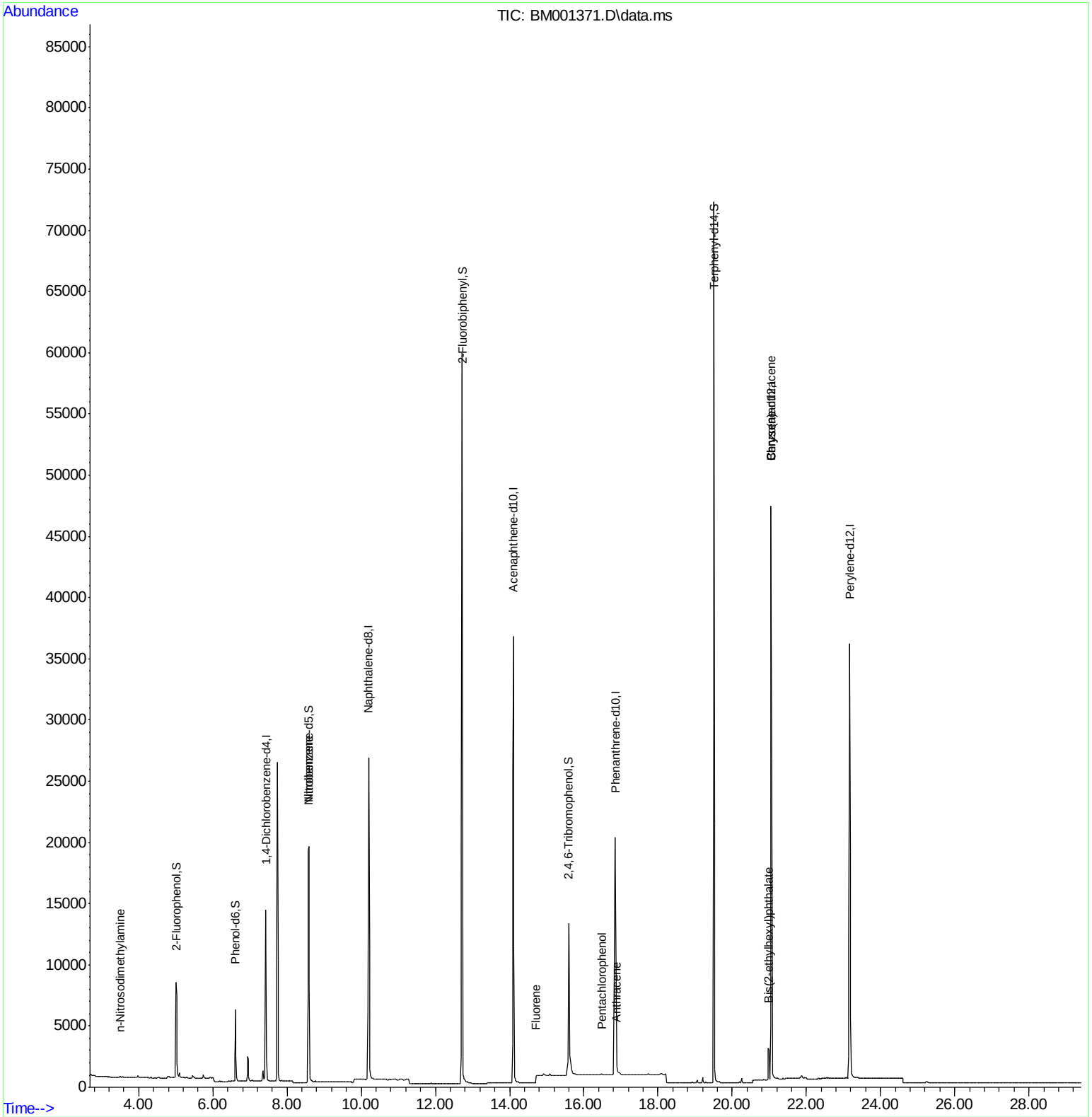
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

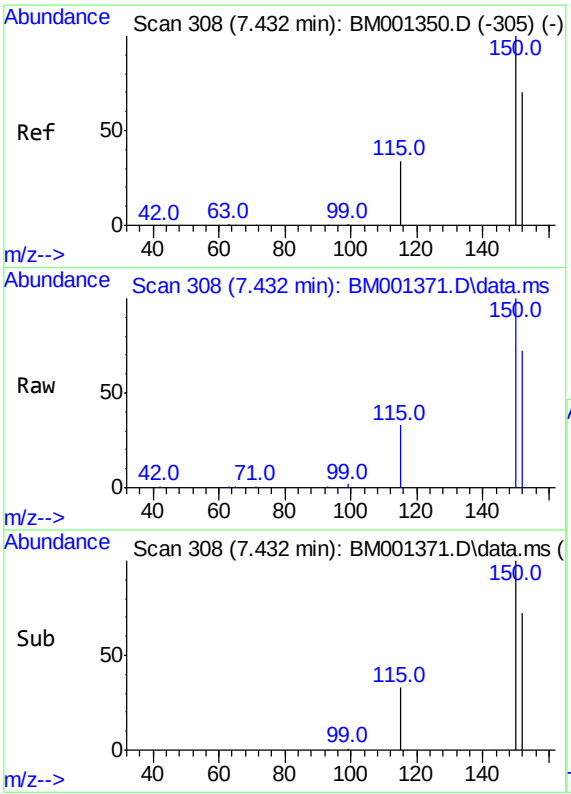
Data Path : Z:\HPCHEM1\BNA_M\Data\BM052015\
Data File : BM001371.D
Acq On : 21 May 2015 22:19
Operator : TP/IZ
Sample : G2255-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SS043MW039-150512

Quant Time: May 22 05:31:00 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM052015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 25 10:49:04 2015
Response via : Initial Calibration



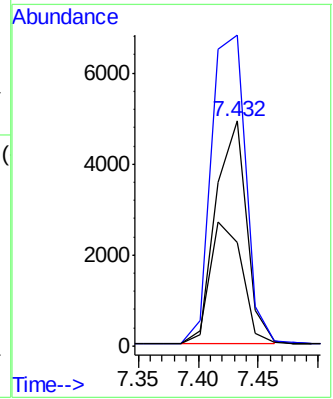
**Instrument :**
BNA_M
**ClientSampleId :**
SS043MW039-150512

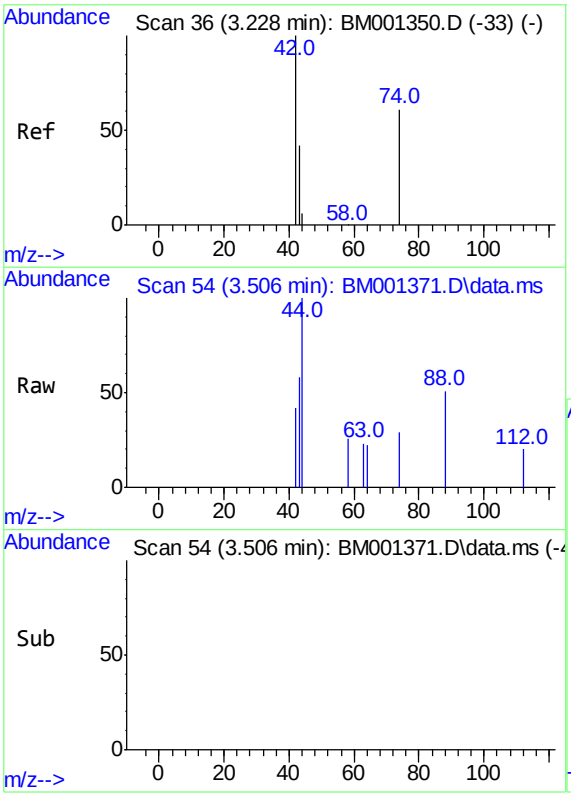



#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.432 min Scan# 308
Delta R.T. 0.000 min
Lab File: BM001371.D
Acq: 21 May 2015 22:19

Tgt Ion:152 Resp: 8740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 138.4 | 114.1 | 171.1 |
| 115 | 46.1 | 39.2 | 58.8 |

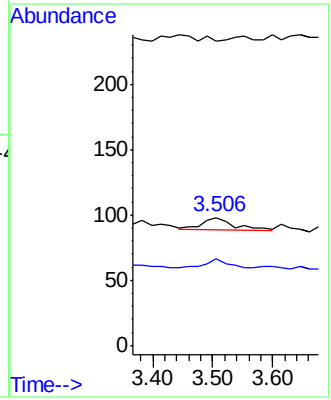


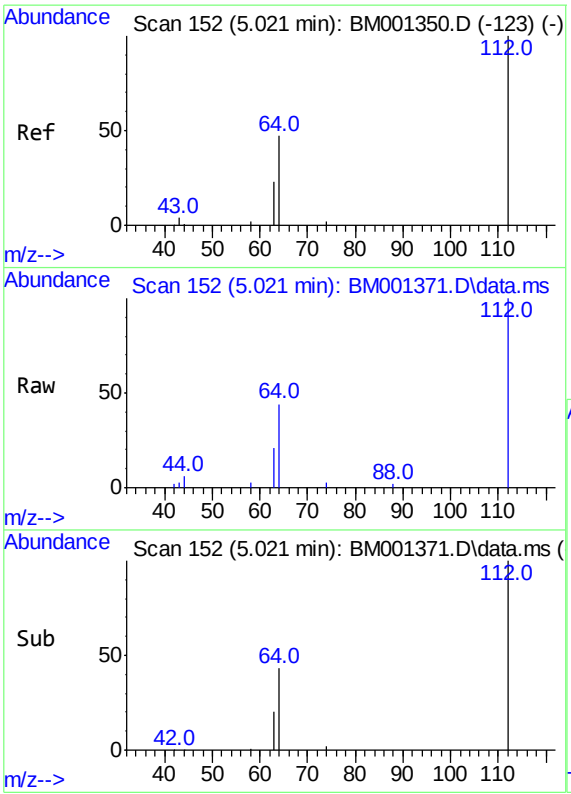

#3
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.506 min Scan# 54
Delta R.T. 0.278 min
Lab File: BM001371.D
Acq: 21 May 2015 22:19

Tgt Ion: 42 Resp: 34

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 55.9 | 70.0 | 105.0# |
| 44 | 0.0 | 3.6 | 5.4# |



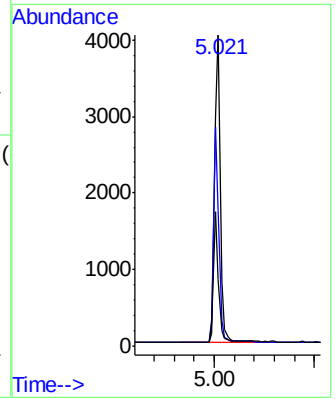
**Instrument :**
BNA_M
**ClientSampleId :**
SS043MW039-150512

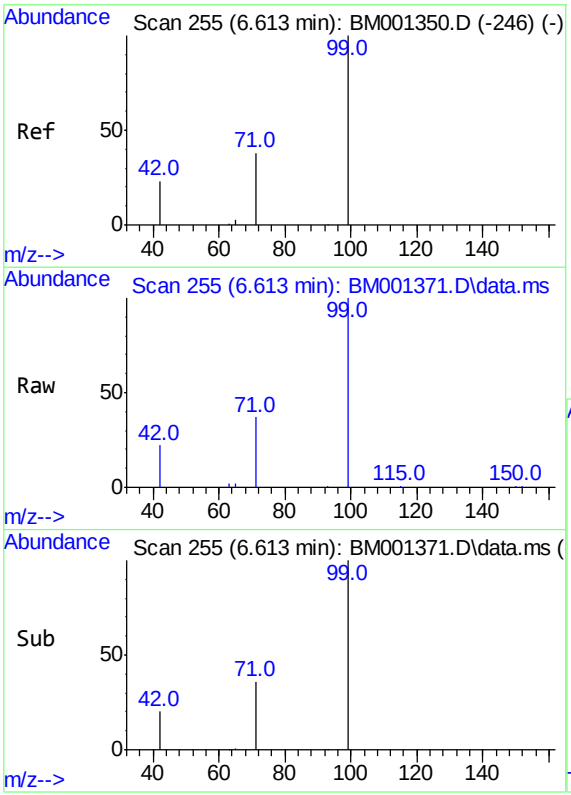



#4
2-Fluorophenol
Concen: 4.50 ng
RT: 5.021 min Scan# 152
Delta R.T. 0.000 min
Lab File: BM001371.D
Acq: 21 May 2015 22:19

Tgt Ion:112 Resp: 7645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 64.8 | 52.9 | 79.3 |
| 63 | 36.8 | 29.6 | 44.4 |

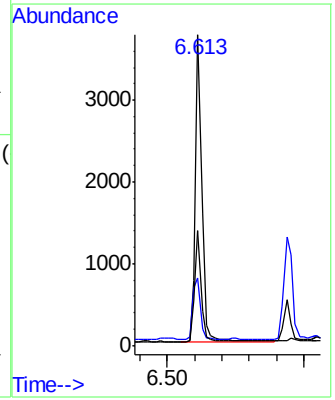


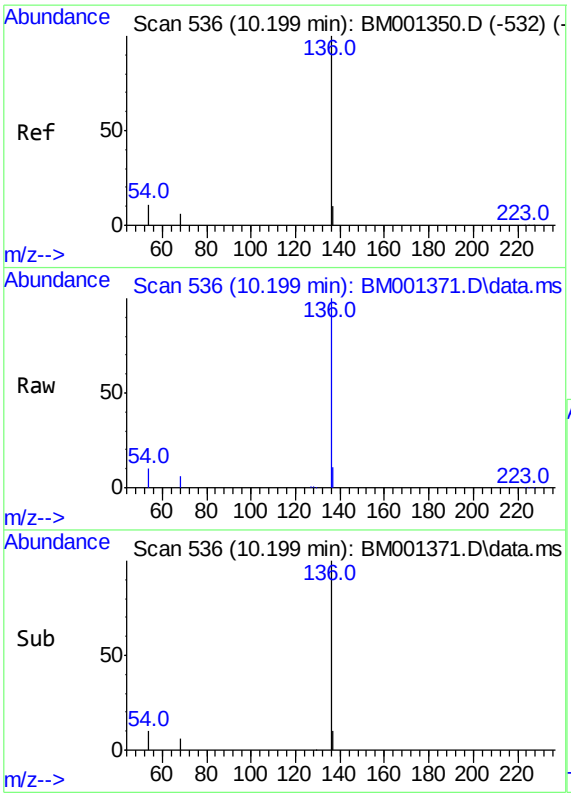

#5
Phenol-d6
Concen: 2.88 ng
RT: 6.613 min Scan# 255
Delta R.T. 0.000 min
Lab File: BM001371.D
Acq: 21 May 2015 22:19

Tgt Ion: 99 Resp: 6087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 24.1 | 21.4 | 32.2 |
| 71 | 36.2 | 29.0 | 43.4 |



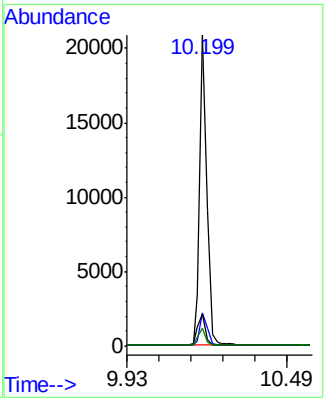
**Instrument :**
BNA_M
**ClientSampleId :**
SS043MW039-150512

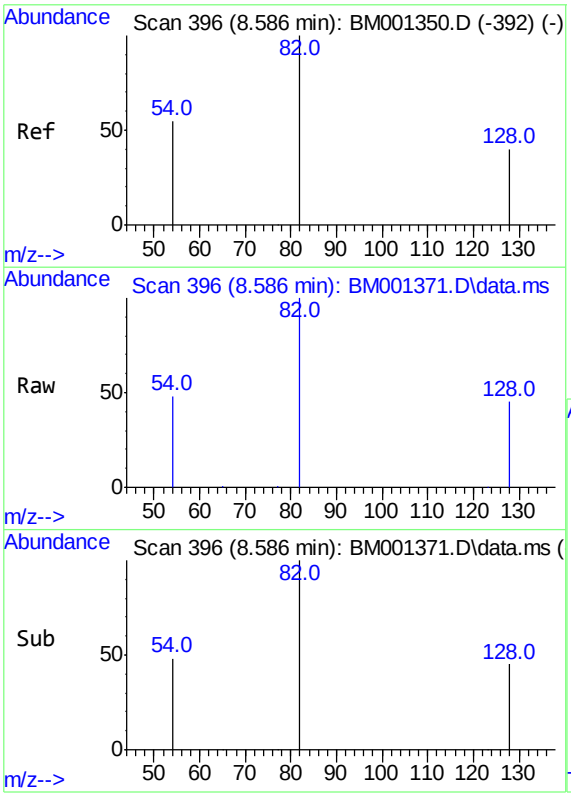



#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.199 min Scan# 536
Delta R.T. 0.000 min
Lab File: BM001371.D
Acq: 21 May 2015 22:19

Tgt Ion:136 Resp: 35762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.6 | 8.2 | 12.4 |
| 54 | 10.2 | 9.4 | 14.0 |
| 68 | 5.8 | 5.2 | 7.8 |

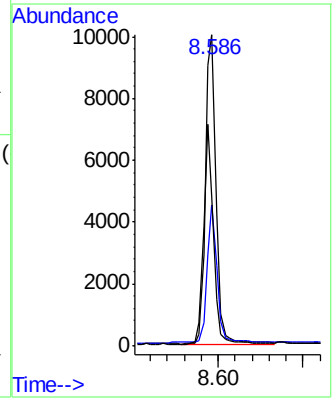


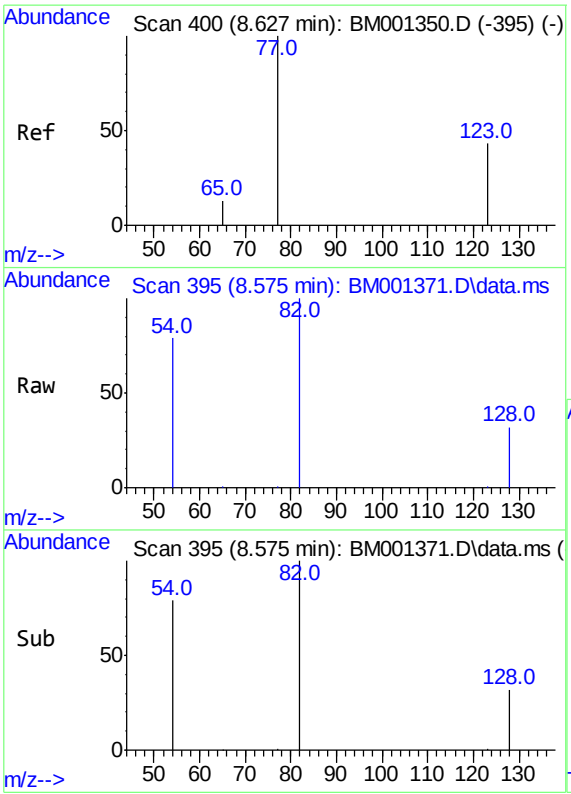

#7
Nitrobenzene-d5
Concen: 9.24 ng
RT: 8.586 min Scan# 396
Delta R.T. 0.000 min
Lab File: BM001371.D
Acq: 21 May 2015 22:19

Tgt Ion: 82 Resp: 17821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.3 | 33.5 | 50.3 |
| 54 | 48.1 | 45.1 | 67.7 |



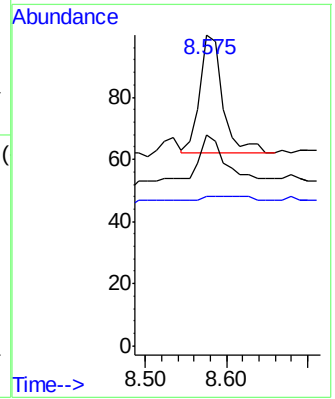
**Instrument :**
BNA_M
**ClientSampleId :**
SS043MW039-150512

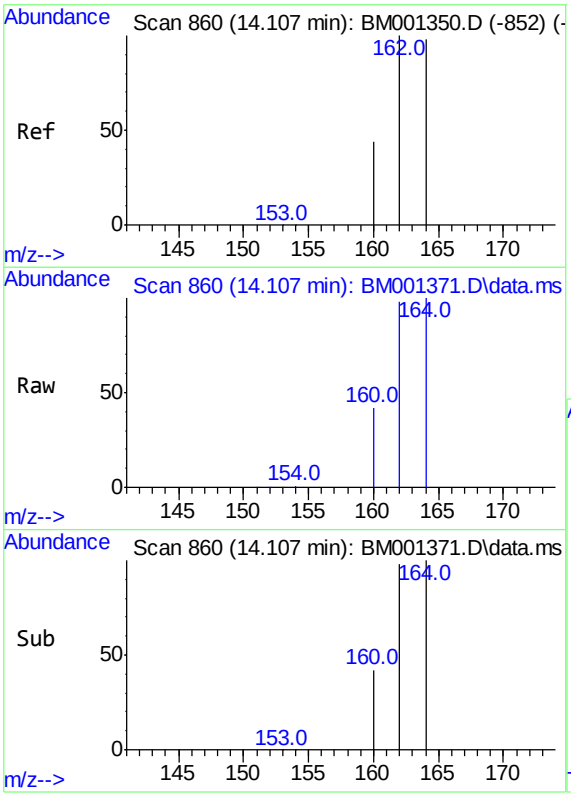



#8
Nitrobenzene
Concen: 0.15 ng
RT: 8.575 min Scan# 395
Delta R.T. -0.052 min
Lab File: BM001371.D
Acq: 21 May 2015 22:19

Tgt Ion: 77 Resp: 74

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 0.0 | 33.6 | 50.4# |
| 65 | 45.9 | 11.3 | 16.9# |

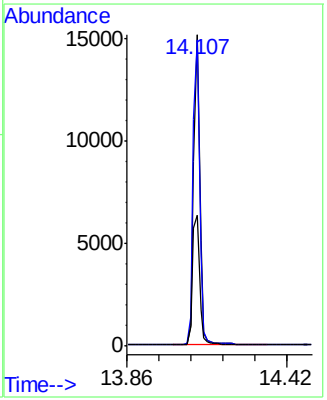


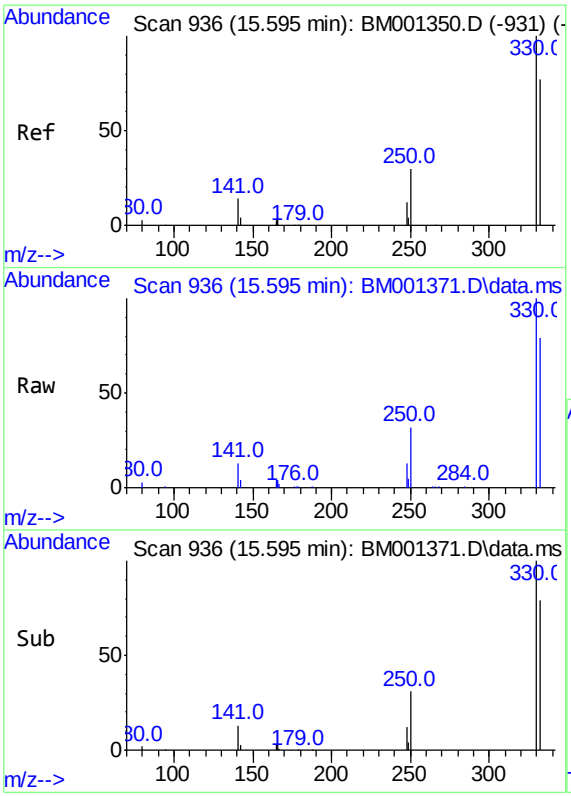




#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.107 min Scan# 860
Delta R.T. 0.000 min
Lab File: BM001371.D
Acq: 21 May 2015 22:19

Tgt Ion:164 Resp: 22786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.4 | 81.8 | 122.8 |
| 160 | 41.8 | 35.8 | 53.8 |

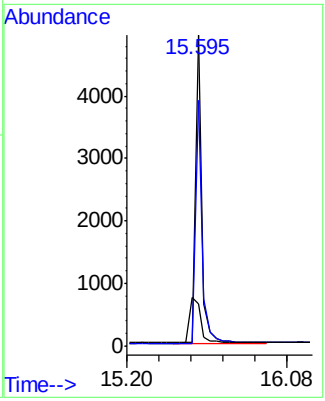




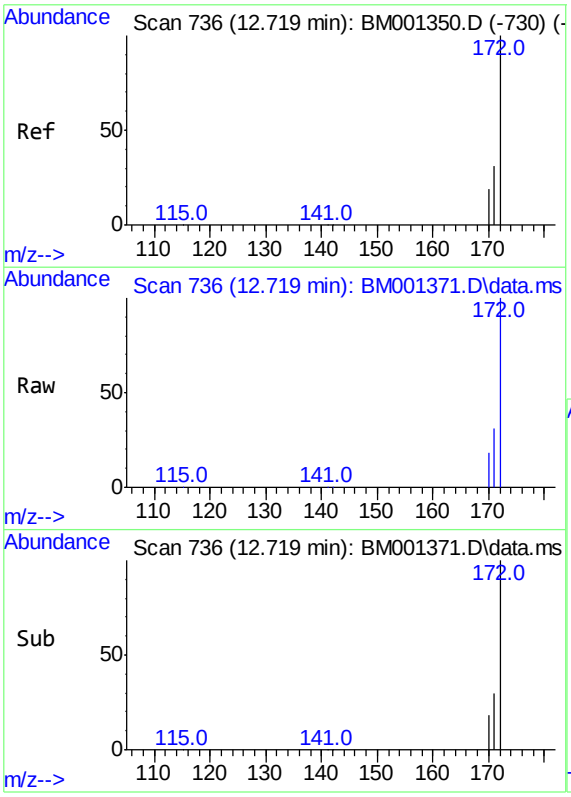

#13
2,4,6-Tribromophenol
Concen: 12.72 ng
RT: 15.595 min Scan# 936
Delta R.T. 0.001 min
Lab File: BM001371.D
Acq: 21 May 2015 22:19

Tgt Ion:330 Resp: 12071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 83.6 | 65.4 | 98.2 |
| 141 | 0.0 | 20.2 | 30.4# |



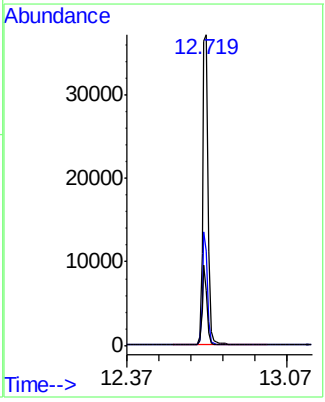

**Instrument :**
BNA_M
**ClientSampleId :**
SS043MW039-150512



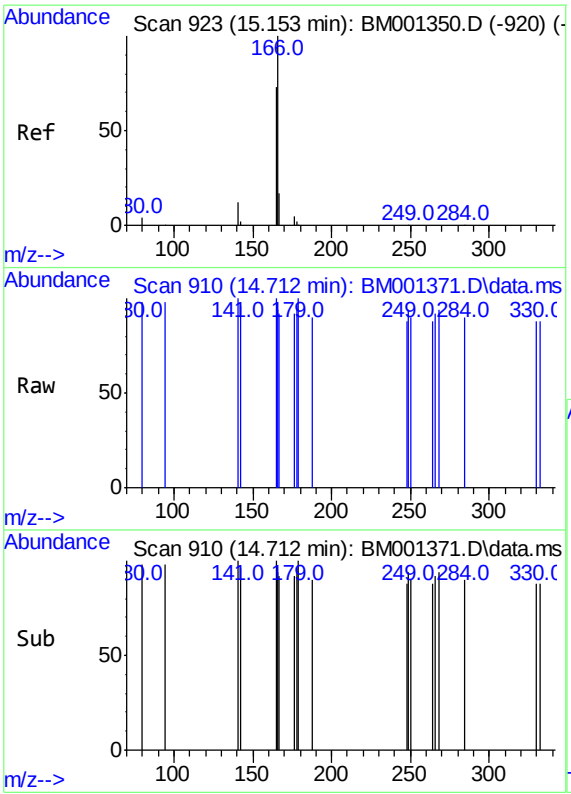

#14
2-Fluorobiphenyl
Concen: 9.29 ng
RT: 12.719 min Scan# 736
Delta R.T. 0.000 min
Lab File: BM001371.D
Acq: 21 May 2015 22:19

Tgt Ion:172 Resp: 63135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 30.6 | 25.4 | 38.2 |
| 170 | 17.8 | 15.7 | 23.5 |



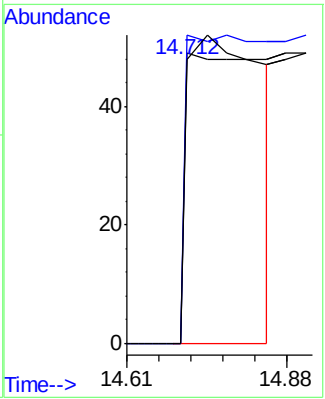
**Instrument :**
BNA_M
**ClientSampleId :**
SS043MW039-150512

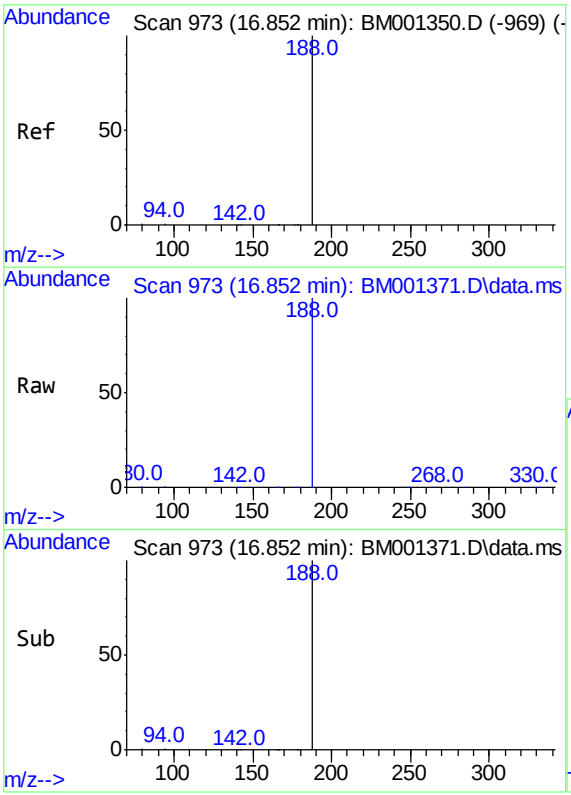



#17
Fluorene
Concen: 0.08 ng
RT: 14.712 min Scan# 910
Delta R.T. -0.442 min
Lab File: BM001371.D
Acq: 21 May 2015 22:19

Tgt Ion:166 Resp: 384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 107.0 | 72.5 | 108.7 |
| 167 | 0.0 | 16.0 | 24.0# |

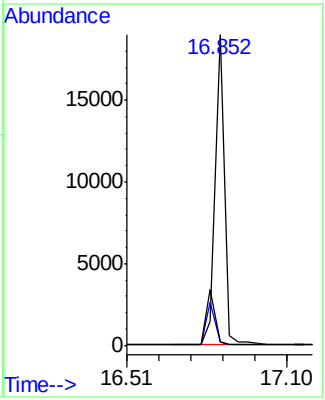


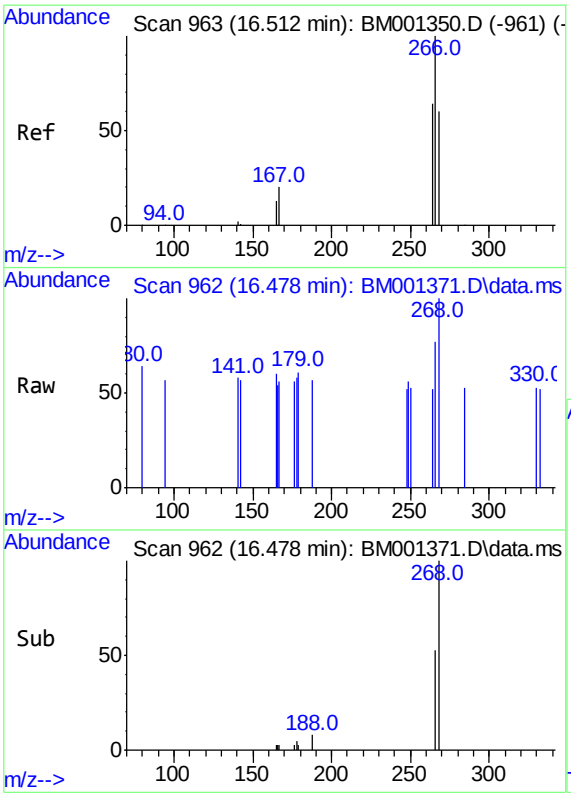

#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.852 min Scan# 973
Delta R.T. 0.000 min
Lab File: BM001371.D
Acq: 21 May 2015 22:19

Tgt Ion:188 Resp: 43513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 1.3 | 0.6 | 1.0# |
| 80 | 1.2 | 0.6 | 0.8# |



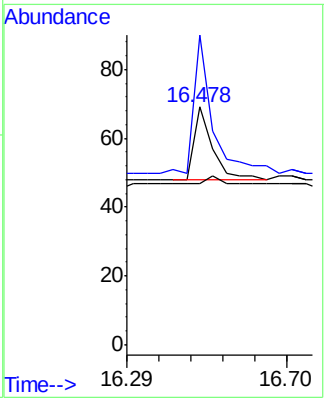
**Instrument :**
BNA_M
**ClientSampleId :**
SS043MW039-150512

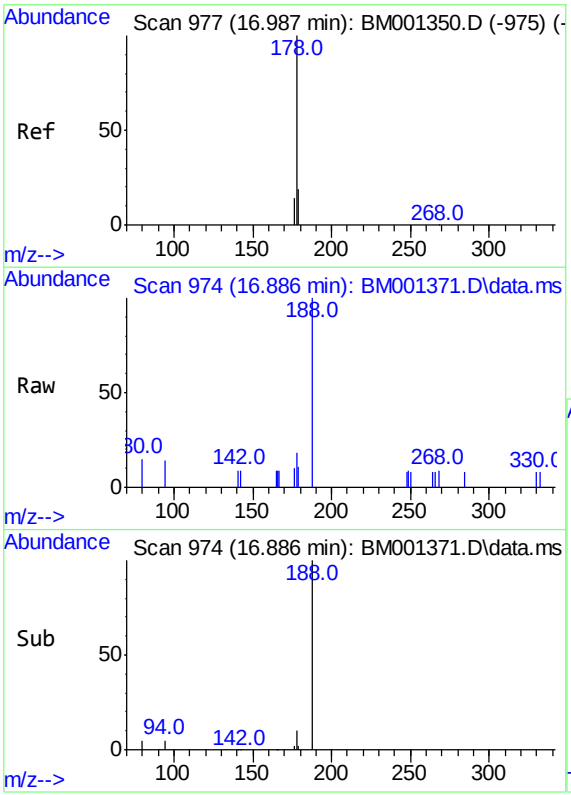



#21
Pentachlorophenol
Concen: 0.43 ng
RT: 16.478 min Scan# 962
Delta R.T. -0.033 min
Lab File: BM001371.D
Acq: 21 May 2015 22:19

Tgt Ion:266 Resp: 69

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 130.4 | 51.2 | 76.8# |
| 264 | 68.1 | 53.7 | 80.5 |

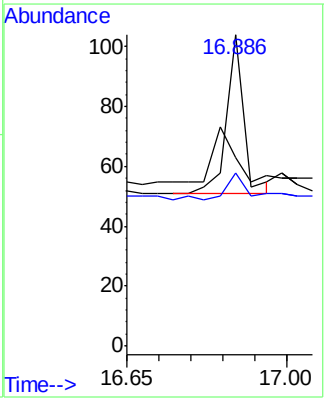


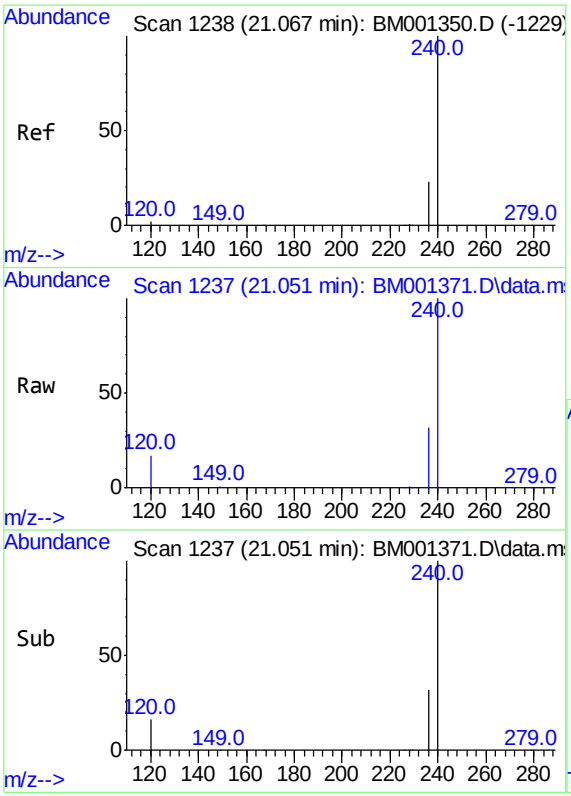




#23
Anthracene
Concen: 0.02 ng
RT: 16.886 min Scan# 974
Delta R.T. -0.102 min
Lab File: BM001371.D
Acq: 21 May 2015 22:19

Tgt Ion:178 Resp: 139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.9 | 46.1 | 69.1# |
| 179 | 0.0 | 35.4 | 53.0# |

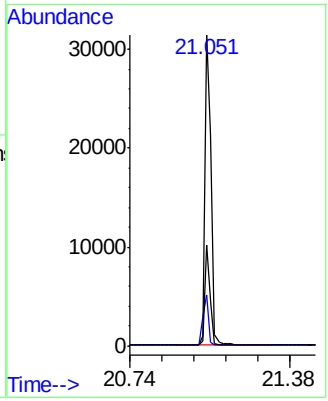




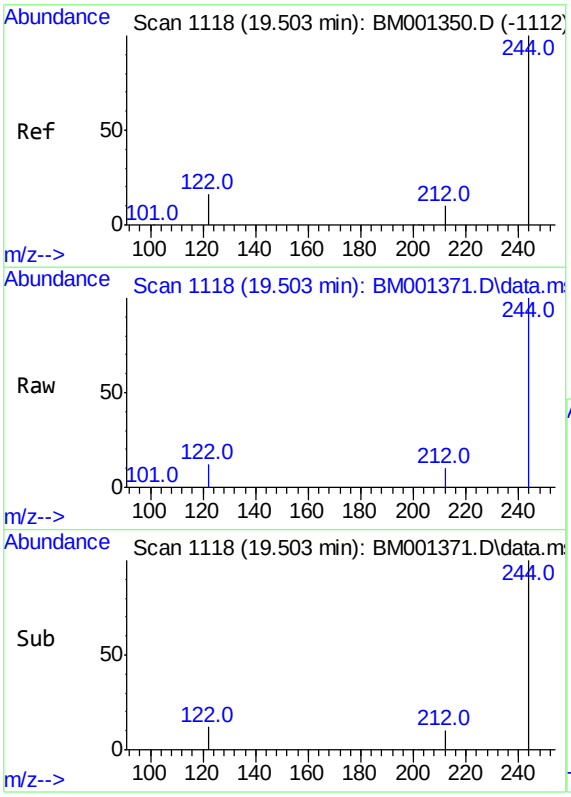

#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.051 min Scan# 1237
Delta R.T. -0.015 min
Lab File: BM001371.D
Acq: 21 May 2015 22:19

Tgt Ion:240 Resp: 51944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 16.5 | 1.6 | 2.4# |
| 236 | 32.4 | 18.5 | 27.7# |



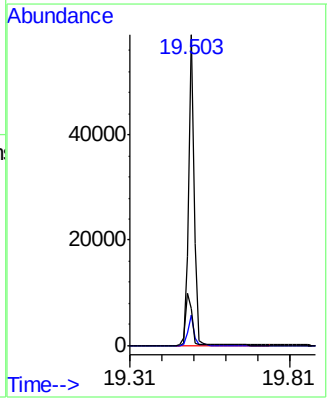

**Instrument :**
BNA_M
**ClientSampleId :**
SS043MW039-150512

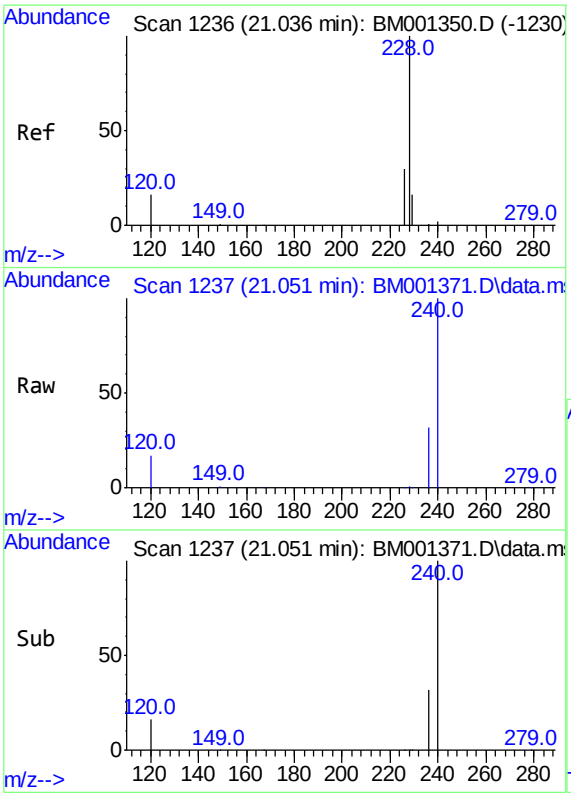



#27
Terphenyl-d14
Concen: 10.40 ng
RT: 19.503 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BM001371.D
Acq: 21 May 2015 22:19

Tgt Ion:244 Resp: 71035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.7 | 8.5 | 12.7 |
| 122 | 11.8 | 13.4 | 20.2# |

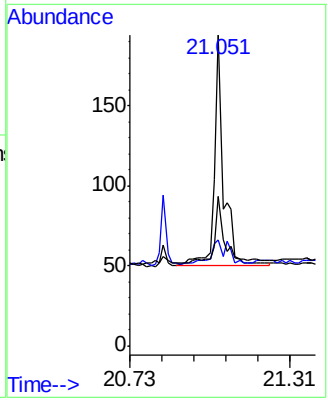




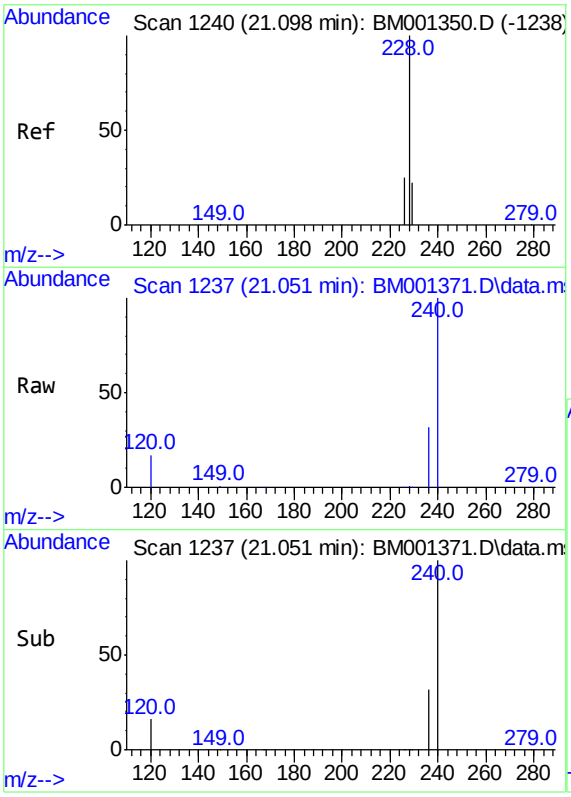

#28
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.051 min Scan# 1237
Delta R.T. 0.015 min
Lab File: BM001371.D
Acq: 21 May 2015 22:19

Tgt Ion:228 Resp: 339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 34.0 | 24.5 | 36.7 |
| 229 | 47.9 | 13.3 | 19.9# |



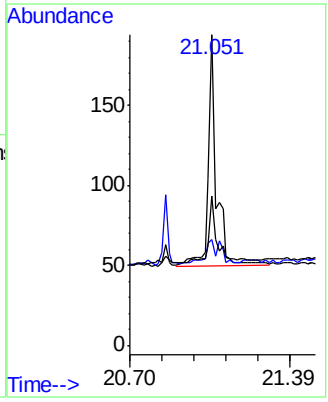

**Instrument :**
BNA_M
**ClientSampleId :**
SS043MW039-150512



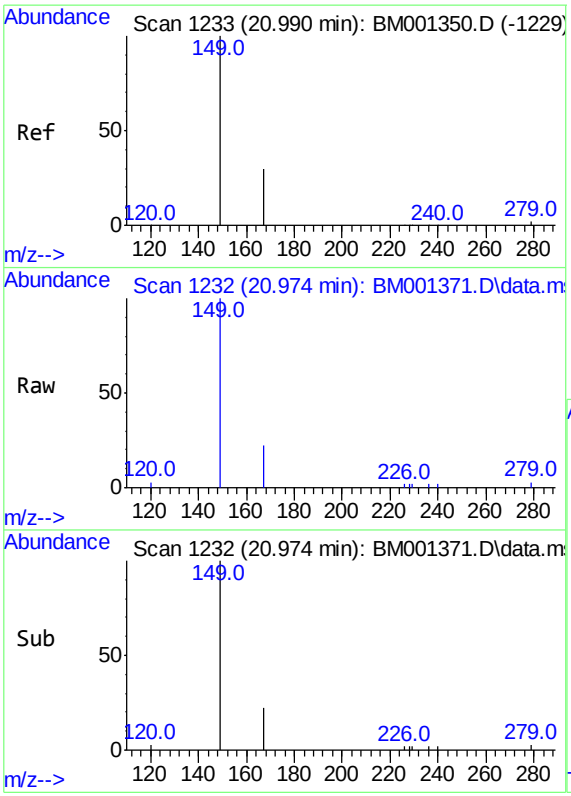

#29
Chrysene
Concen: 0.03 ng
RT: 21.051 min Scan# 1237
Delta R.T. -0.046 min
Lab File: BM001371.D
Acq: 21 May 2015 22:19

Tgt Ion:228 Resp: 357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 34.0 | 20.0 | 30.0# |
| 229 | 47.9 | 17.6 | 26.4# |



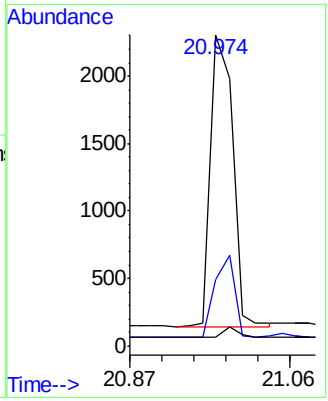
**Instrument :**
BNA_M
**ClientSampleId :**
SS043MW039-150512

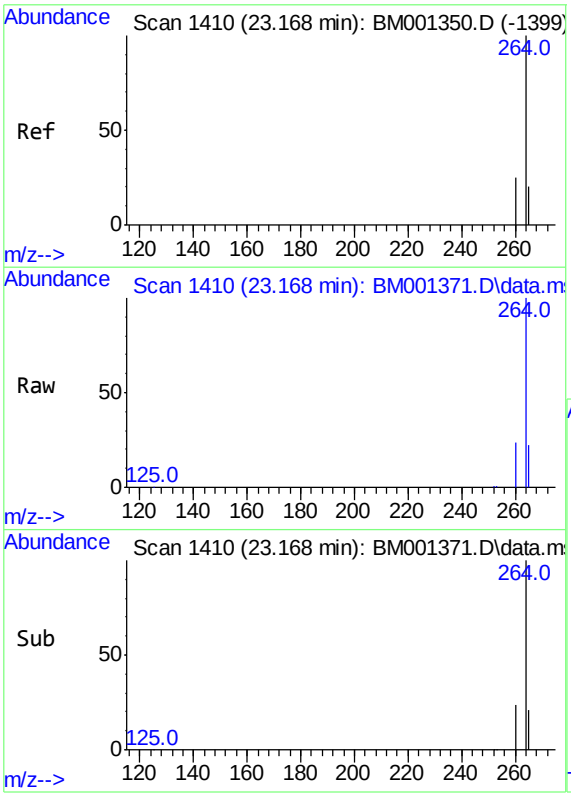



#30
Bis(2-ethylhexyl)phthalate
Concen: 0.60 ng
RT: 20.974 min Scan# 1232
Delta R.T. -0.015 min
Lab File: BM001371.D
Acq: 21 May 2015 22:19

Tgt Ion:149 Resp: 3864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 25.5 | 21.6 | 32.4 |
| 279 | 2.8 | 1.9 | 2.9 |




#32
Perylene-d12
Concen: 5.00 ng
RT: 23.168 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BM001371.D
Acq: 21 May 2015 22:19

Tgt Ion:264 Resp: 45138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.3 | 20.4 | 30.6 |
| 265 | 22.3 | 16.6 | 24.8 |