Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052215\
Data File : BM001397.D
Acq On : 23 May 2015 01:03
Operator : TP/IZ
Sample : PB83556BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** PB83556BS

Quant Time: May 26 13:54:04 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM052215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 26 10:36:09 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.40 | 152 | 10498 | 5.00 | ng | | 0.00 |
| 6) Naphthalene-d8 | 10.18 | 136 | 39724 | 5.00 | ng | | 0.00 |
| 12) Acenaphthene-d10 | 14.08 | 164 | 23043 | 5.00 | ng | | 0.00 |
| 18) Phenanthrene-d10 | 16.82 | 188 | 82521 | 5.00 | ng | | 0.00 |
| 25) Chrysene-d12 | 21.04 | 240 | 50408 | 5.00 | ng | | 0.00 |
| 32) Perylene-d12 | 23.13 | 264 | 43630 | 5.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 4.99 | 112 | 26161 | 12.61 | ng | | 0.00 |
| 5) Phenol-d6 | 6.60 | 99 | 32696 | 13.59 | ng | | 0.00 |
| 7) Nitrobenzene-d5 | 8.55 | 82 | 21215 | 9.25 | ng | | 0.00 |
| 13) 2,4,6-Tribromophenol | 15.59 | 330 | 8376 | 11.70 | ng | | 0.00 |
| 14) 2-Fluorobiphenyl | 12.69 | 172 | 60602 | 8.55 | ng | | 0.00 |
| 27) Terphenyl-d14 | 19.48 | 244 | 56651 | 8.30 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.86 | 88 | 6996 | 8.98 | ng | | 98 |
| 3) n-Nitrosodimethylamine | 3.18 | 42 | 11441 | 8.53 | ng | # | 99 |
| 8) Nitrobenzene | 8.60 | 77 | 22891 | 9.45 | ng | | 98 |
| 9) Naphthalene | 10.22 | 128 | 68272 | 8.08 | ng | | 98 |
| 10) Hexachlorobutadiene | 10.52 | 225 | 13973 | 8.11 | ng | | 100 |
| 11) 2-Methylnaphthalene | 11.86 | 142 | 49372 | 8.65 | ng | | 94 |
| 15) Acenaphthylene | 13.79 | 152 | 85708 | 8.79 | ng | | 100 |
| 16) Acenaphthene | 14.14 | 154 | 49387 | 8.13 | ng | | 97 |
| 17) Fluorene | 15.12 | 166 | 95438 | 9.17 | ng | | 99 |
| 19) 4-Bromophenyl-phenylether | 16.04 | 248 | 8641 | 4.67 | ng | # | 90 |
| 20) Hexachlorobenzene | 16.14 | 284 | 28478 | 5.25 | ng | # | 84 |
| 21) Pentachlorophenol | 16.48 | 266 | 92490 | 16.61 | ng | # | 68 |
| 22) Phenanthrene | 16.85 | 178 | 139340 | 5.29 | ng | | 100 |
| 23) Anthracene | 16.95 | 178 | 128890 | 8.75 | ng | | 98 |
| 24) Fluoranthene | 18.90 | 202 | 125813 | 8.27 | ng | | 100 |
| 26) Pyrene | 19.26 | 202 | 134727 | 8.85 | ng | | 100 |
| 28) Benzo(a)anthracene | 21.02 | 228 | 121191 | 8.14 | ng | | 95 |
| 29) Chrysene | 21.07 | 228 | 117785 | 8.83 | ng | | 94 |
| 30) Bis(2-ethylhexyl)phthalate | 20.96 | 149 | 80528 | 10.02 | ng | | 99 |
| 31) Indeno(1,2,3-cd)pyrene | 25.19 | 276 | 114322 | 7.76 | ng | | 99 |
| 33) Benzo(b)fluoranthene | 22.51 | 252 | 124590 | 9.43 | ng | | 96 |
| 34) Benzo(k)fluoranthene | 22.55 | 252 | 100864 | 8.18 | ng | | 97 |
| 35) Benzo(a)pyrene | 23.03 | 252 | 107549 | 9.22 | ng | | 96 |
| 36) Dibenzo(a,h)anthracene | 25.20 | 278 | 91843 | 8.69 | ng | | 98 |
| 37) Benzo(g,h,i)perylene | 25.82 | 276 | 94449 | 8.41 | ng | | 99 |

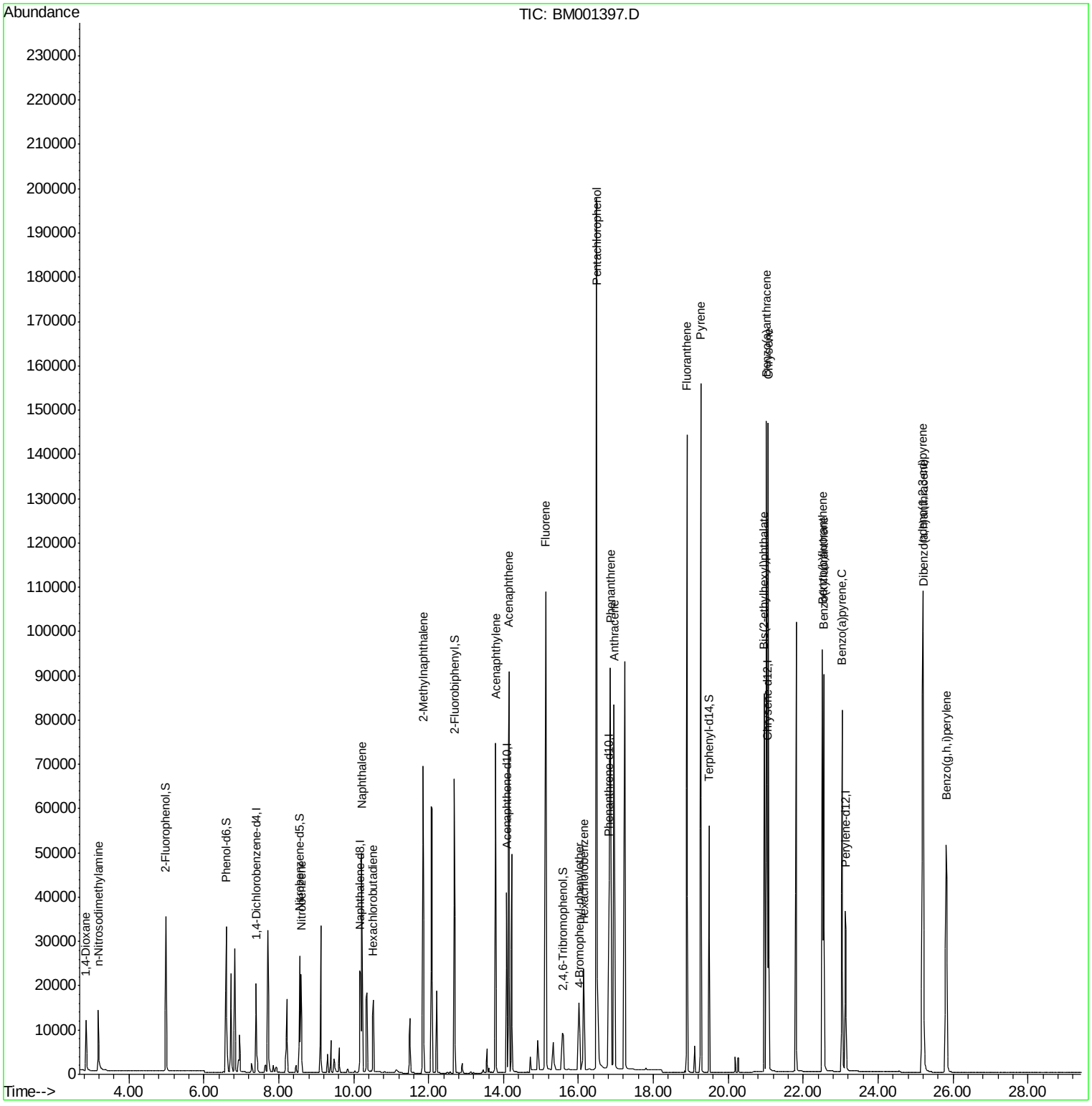
(#) = qualifier out of range (m) = manual integration (+) = signals summed

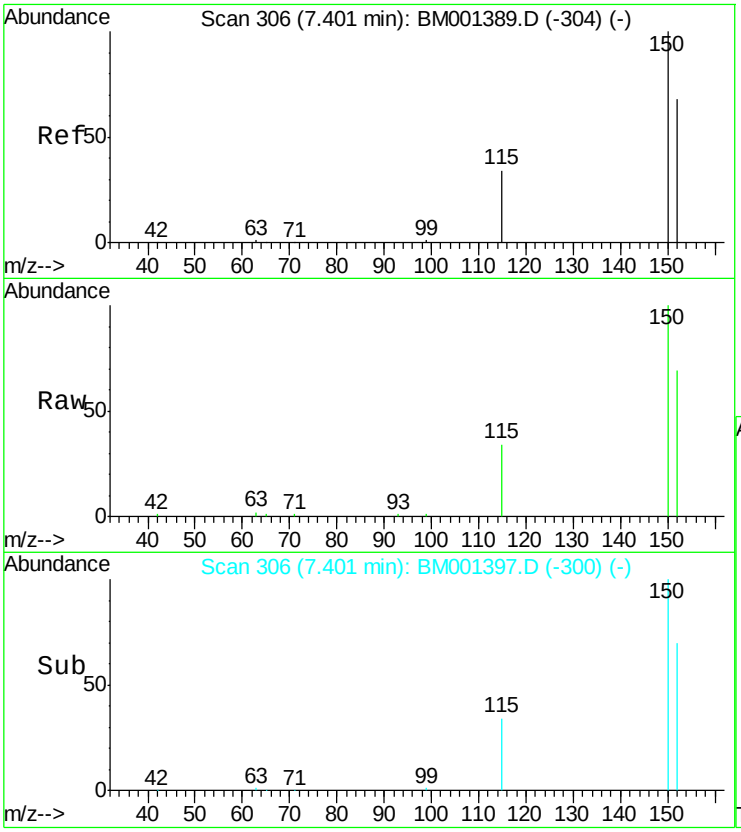
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052215\
Data File : BM001397.D
Acq On : 23 May 2015 01:03
Operator : TP/IZ
Sample : PB83556BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
PB83556BS

Quant Time: May 26 13:54:04 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM052215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 26 10:36:09 2015
Response via : Initial Calibration



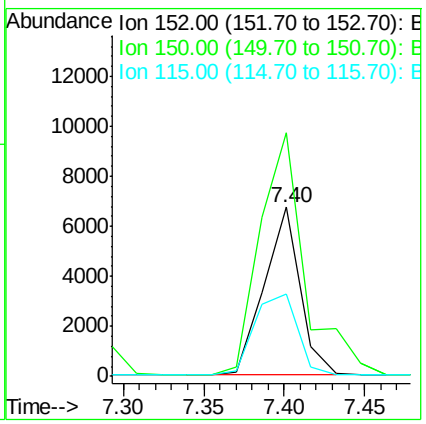


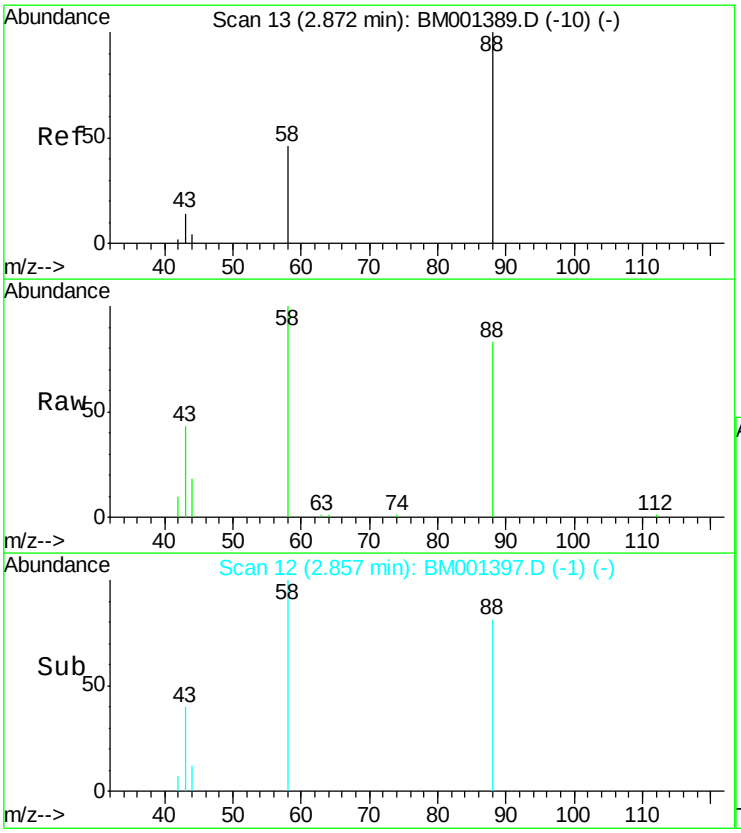

#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.40 min Scan# 306
Delta R.T. 0.00 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

**Instrument :**
BNA_M
**ClientSampleId :**
PB83556BS

Tgt Ion:152 Resp: 10498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 144.0 | 119.0 | 178.6 |
| 115 | 48.9 | 41.8 | 62.8 |

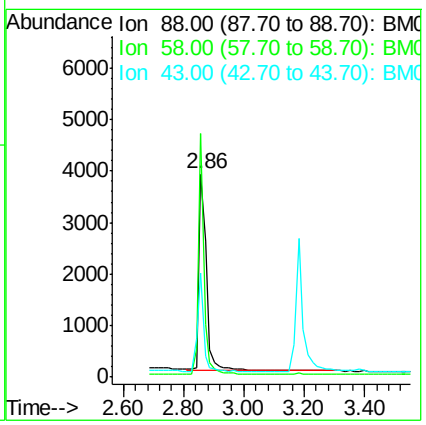


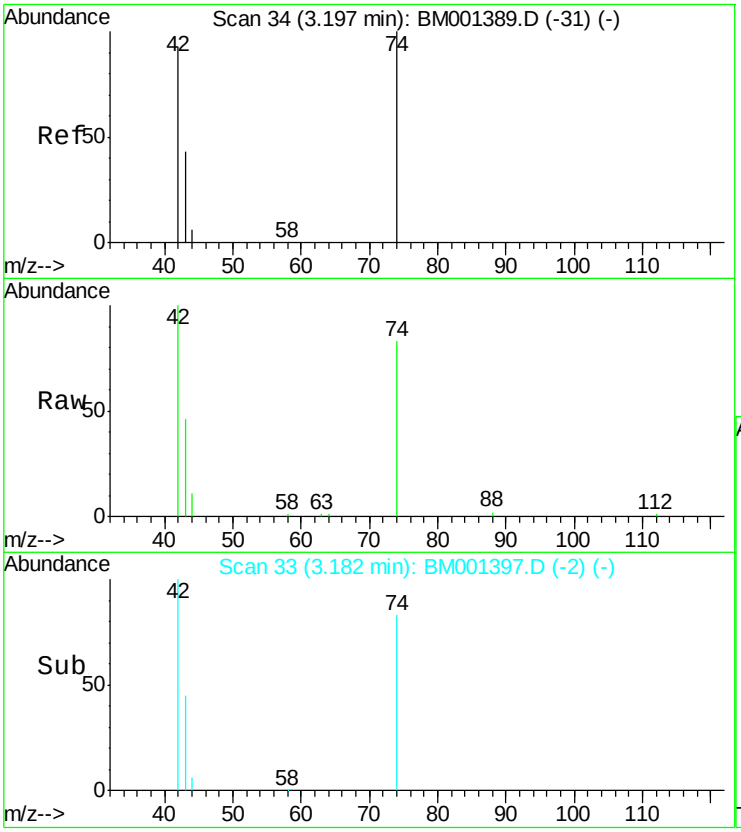




#2
1,4-Dioxane
Concen: 8.98 ng
RT: 2.86 min Scan# 12
Delta R.T. -0.01 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

Tgt Ion: 88 Resp: 6996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 87.0 | 71.3 | 106.9 |
| 43 | 42.7 | 35.5 | 53.3 |



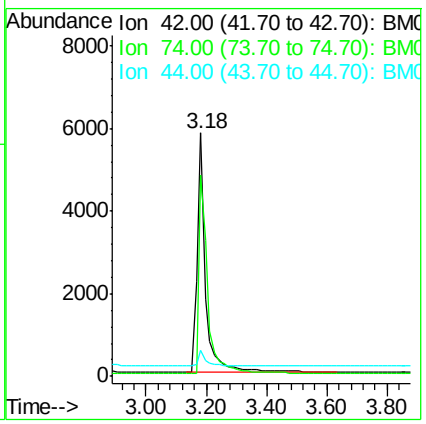


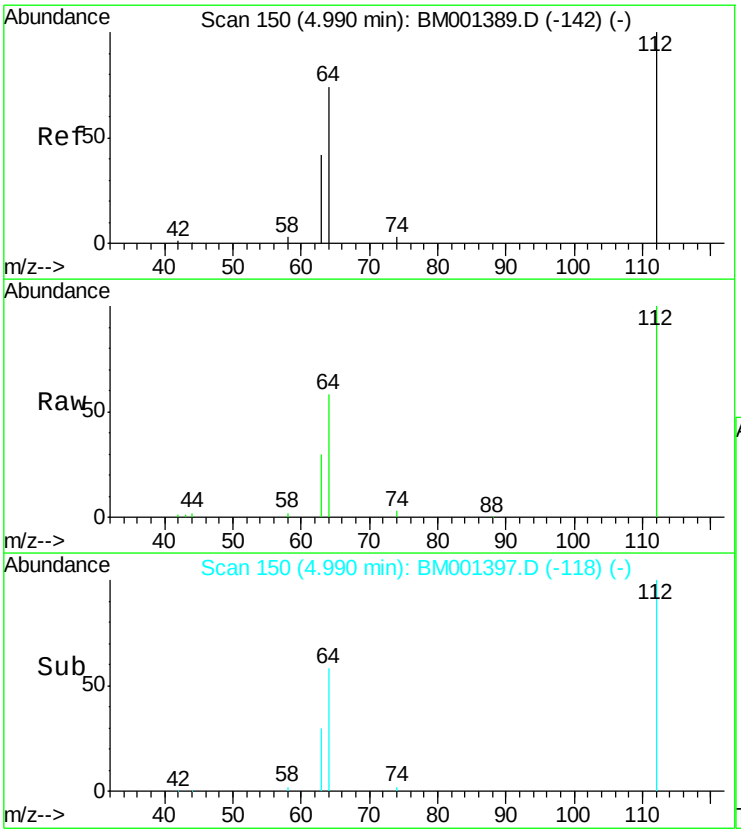

#3
n-Nitrosodimethylamine
Concen: 8.53 ng
RT: 3.18 min Scan# 33
Delta R.T. -0.02 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

**Instrument :**
BNA_M
**ClientSampleId :**
PB83556BS

Tgt Ion: 42 Resp: 11441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 91.1 | 72.2 | 108.2 |
| 44 | 5.5 | 6.2 | 9.2# |

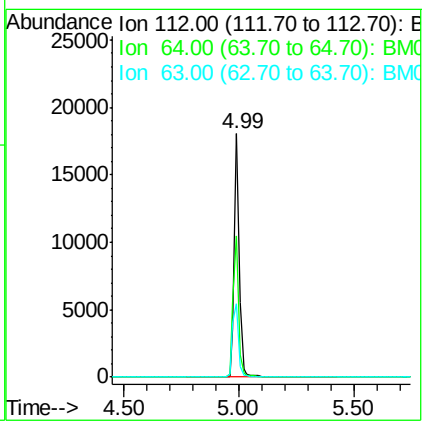


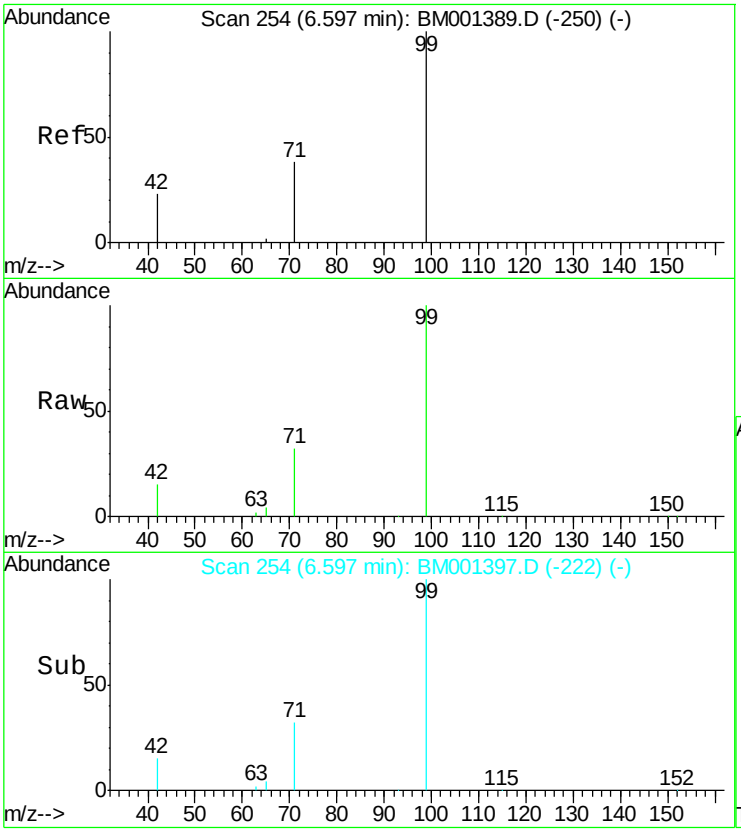




#4
2-Fluorophenol
Concen: 12.61 ng
RT: 4.99 min Scan# 150
Delta R.T. 0.00 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

Tgt Ion:112 Resp: 26161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 64.3 | 51.7 | 77.5 |
| 63 | 37.1 | 29.7 | 44.5 |



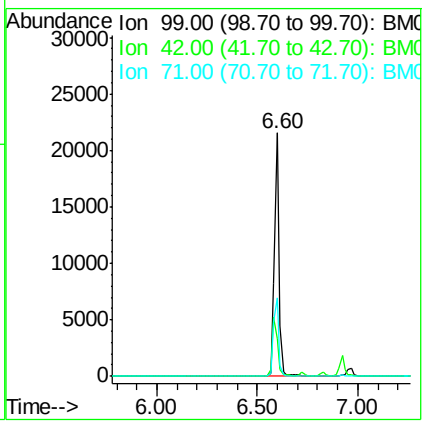


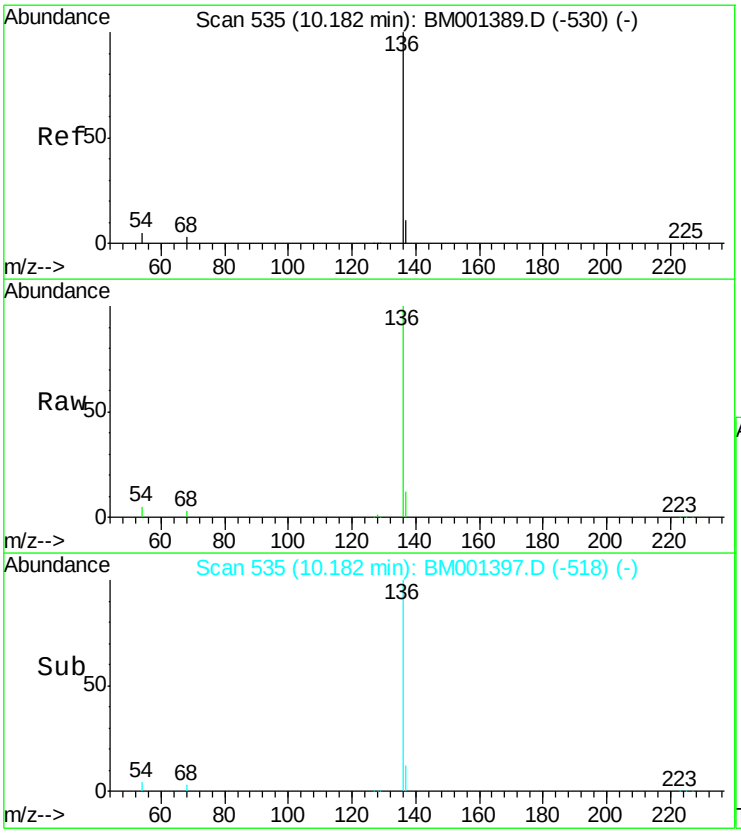

#5
Phenol-d6
Concen: 13.59 ng
RT: 6.60 min Scan# 254
Delta R.T. 0.00 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

**Instrument :**
BNA_M
**ClientSampleId :**
PB83556BS

Tgt Ion: 99 Resp: 32696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 27.5 | 21.8 | 32.6 |
| 71 | 37.1 | 29.2 | 43.8 |

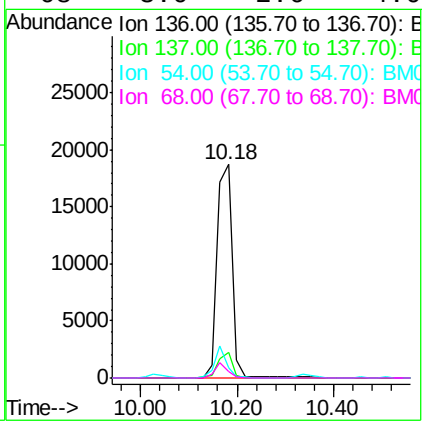


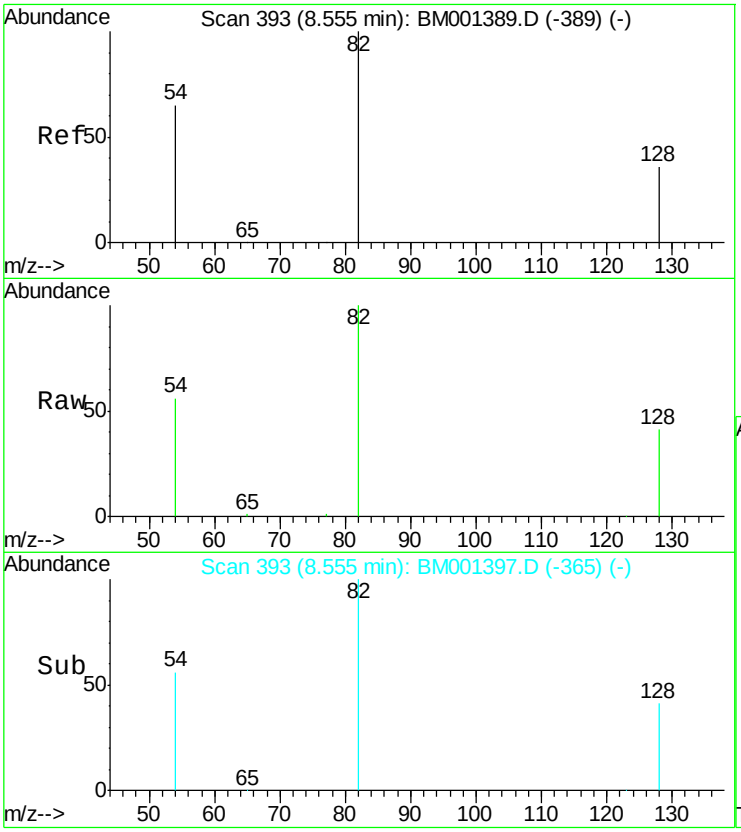




#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.18 min Scan# 535
Delta R.T. 0.00 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

Tgt Ion:136 Resp: 39724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.0 | 9.1 | 13.7 |
| 54 | 4.6 | 4.3 | 6.5 |
| 68 | 3.0 | 2.6 | 4.0 |



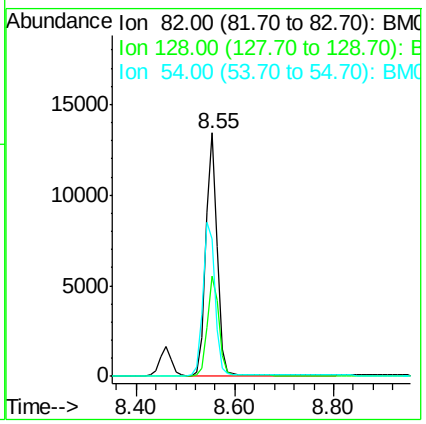


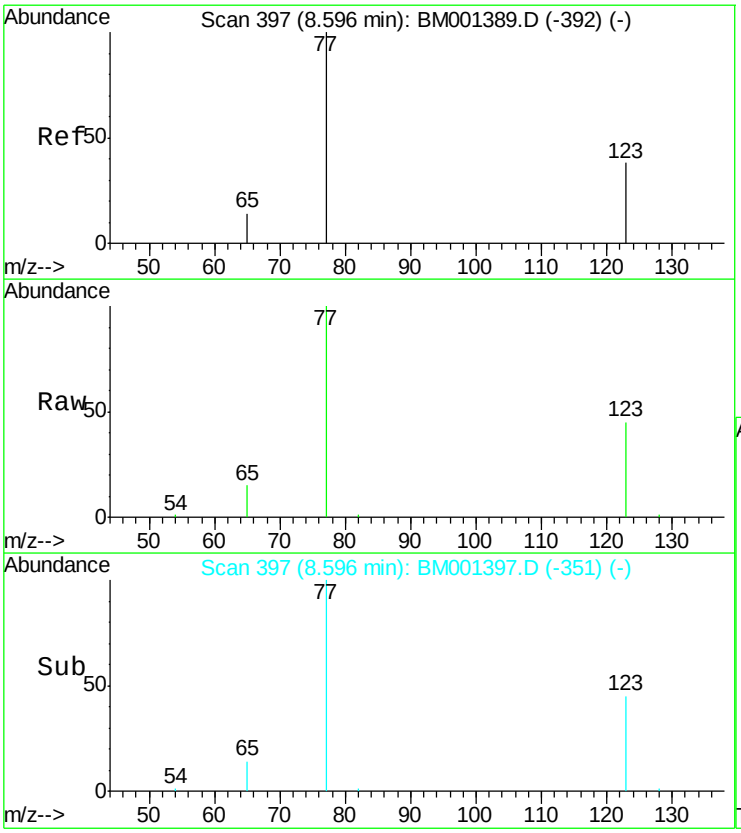

#7
Nitrobenzene-d5
Concen: 9.25 ng
RT: 8.55 min Scan# 393
Delta R.T. 0.00 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

**Instrument :**
BNA_M
**ClientSampleId :**
PB83556BS

Tgt Ion: 82 Resp: 21215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.3 | 30.2 | 45.4 |
| 54 | 56.5 | 52.9 | 79.3 |

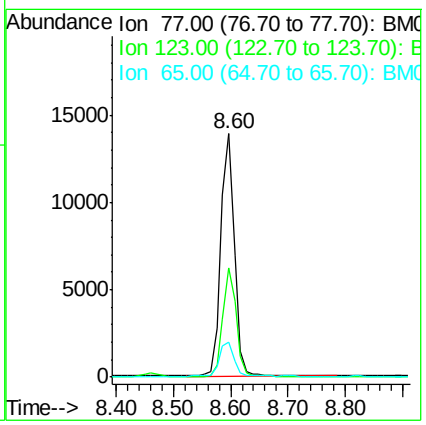


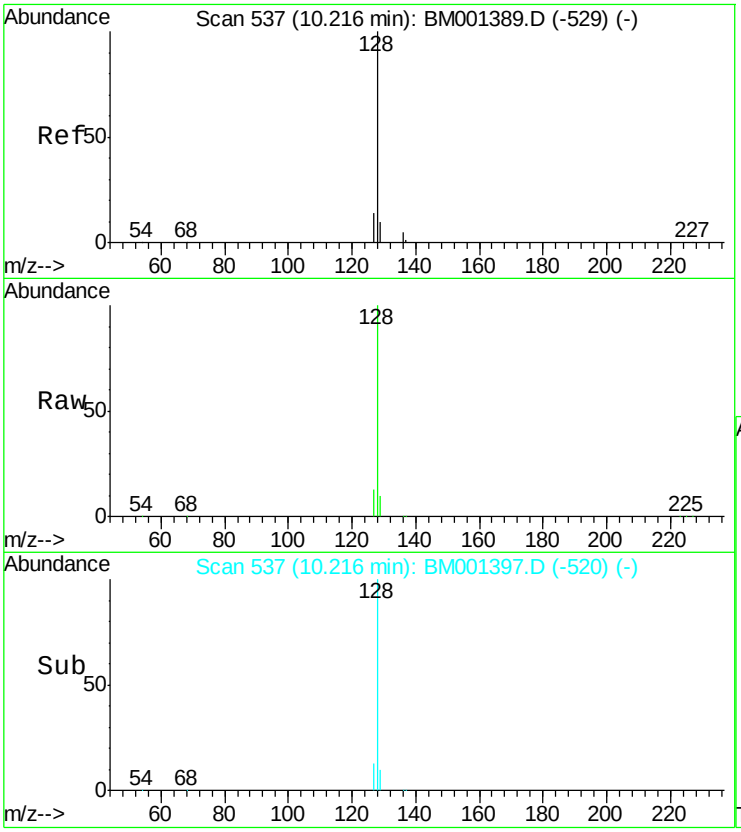




#8
Nitrobenzene
Concen: 9.45 ng
RT: 8.60 min Scan# 397
Delta R.T. 0.00 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

Tgt Ion: 77 Resp: 22891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 43.4 | 33.7 | 50.5 |
| 65 | 14.7 | 11.3 | 16.9 |



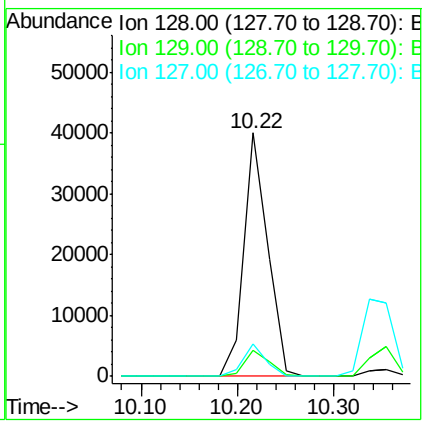


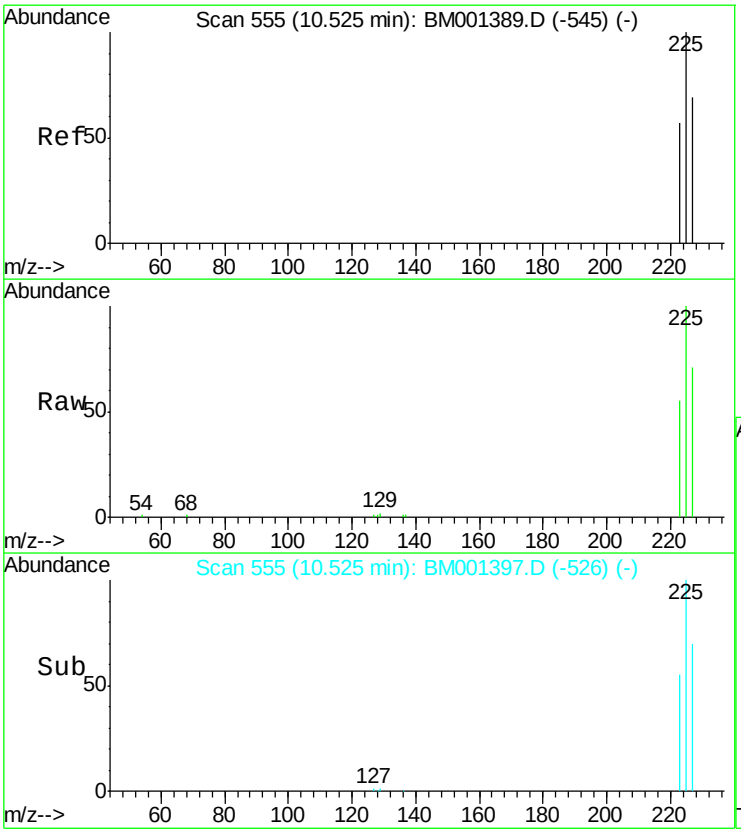

#9
Naphthalene
Concen: 8.08 ng
RT: 10.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

**Instrument :**
BNA_M
**ClientSampleId :**
PB83556BS

Tgt Ion:128 Resp: 68272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.5 | 8.6 | 13.0 |
| 127 | 13.3 | 11.7 | 17.5 |

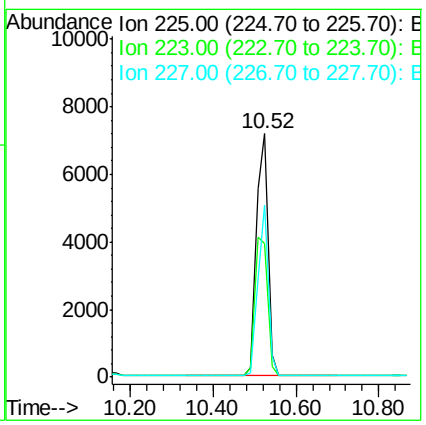


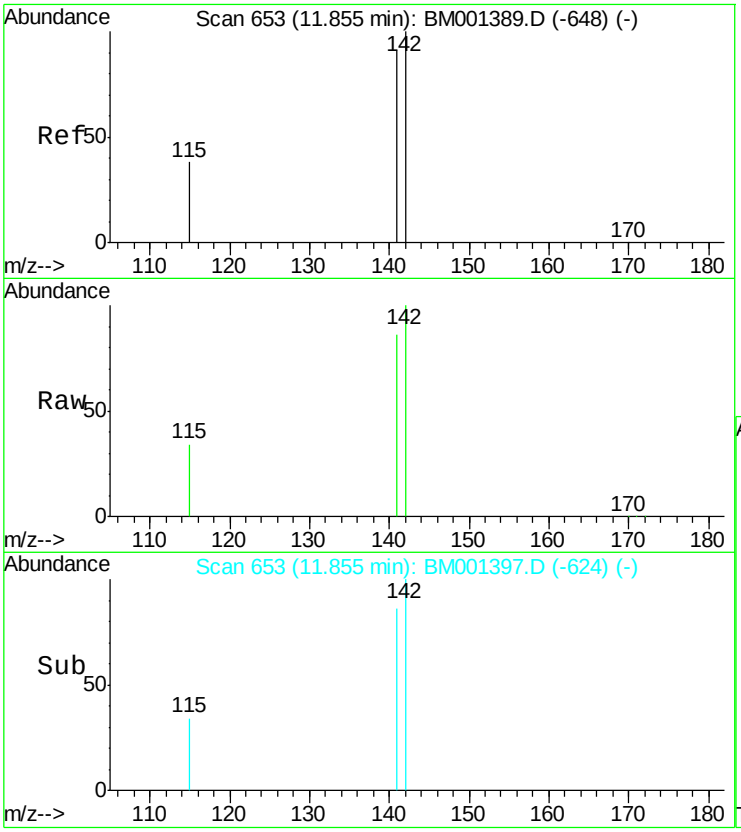




#10
Hexachlorobutadiene
Concen: 8.11 ng
RT: 10.52 min Scan# 555
Delta R.T. 0.00 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

Tgt Ion:225 Resp: 13973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.8 | 50.2 | 75.2 |
| 227 | 63.4 | 51.1 | 76.7 |



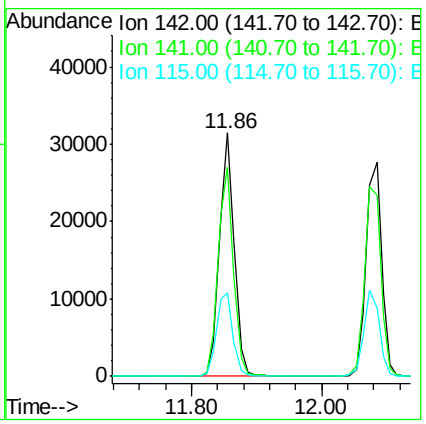


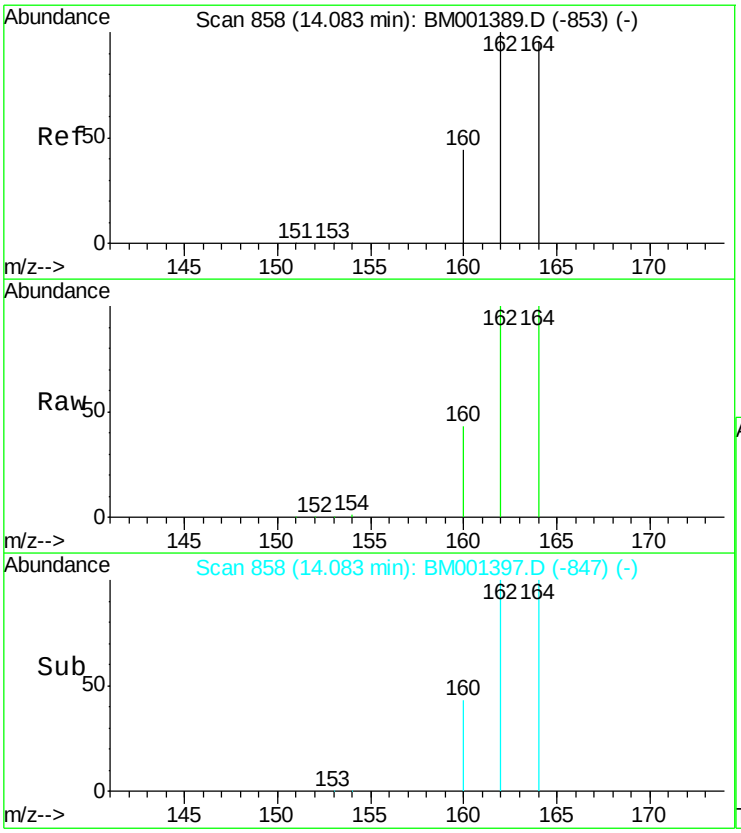

#11
2-Methylnaphthalene
Concen: 8.65 ng
RT: 11.86 min Scan# 653
Delta R.T. 0.00 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

**Instrument :**
BNA_M
**ClientSampleId :**
PB83556BS

Tgt Ion:142 Resp: 49372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 86.1 | 72.6 | 109.0 |
| 115 | 34.4 | 31.2 | 46.8 |

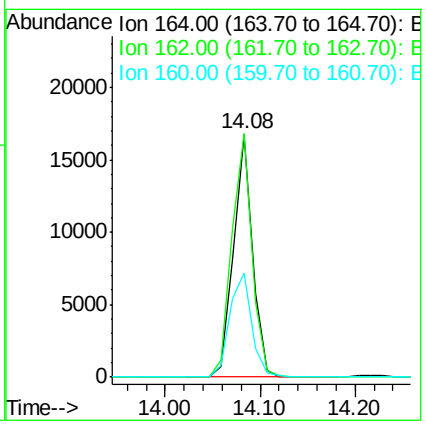


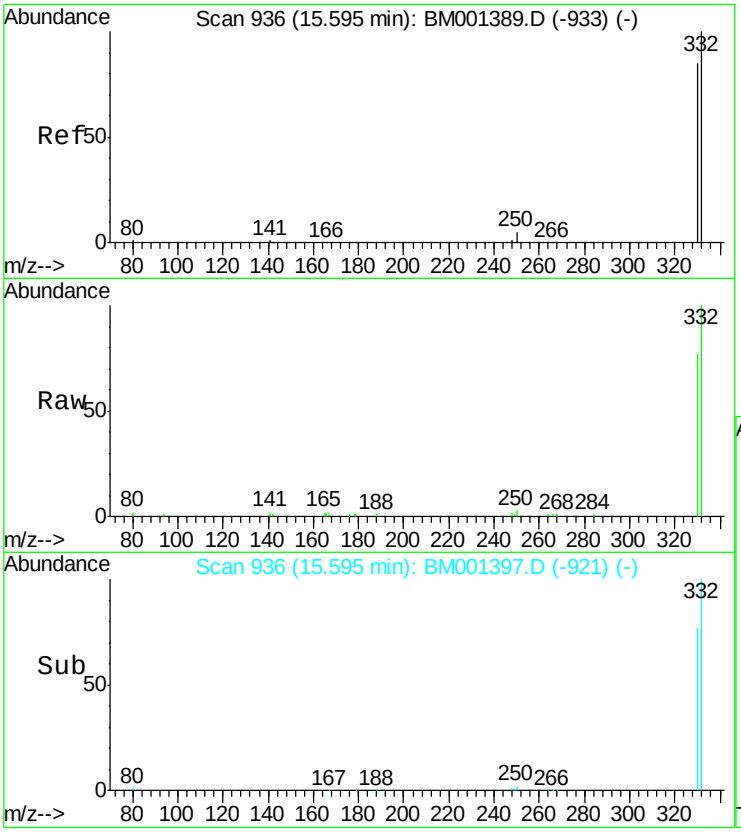




#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.08 min Scan# 858
Delta R.T. 0.00 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

Tgt Ion:164 Resp: 23043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.3 | 83.4 | 125.2 |
| 160 | 43.0 | 36.9 | 55.3 |



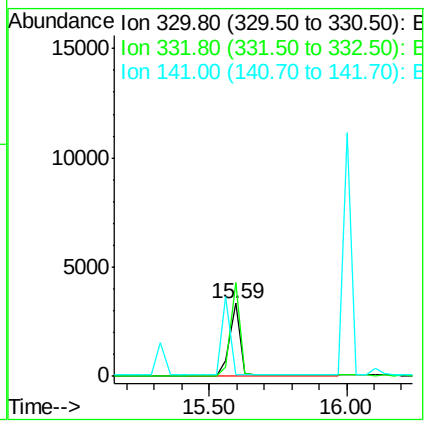


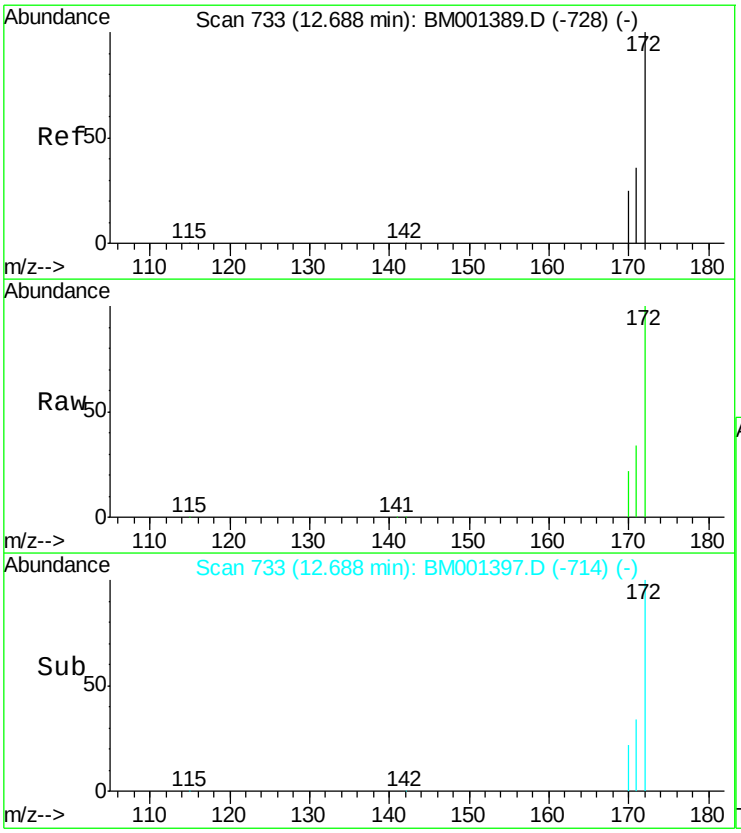

#13
2,4,6-Tribromophenol
Concen: 11.70 ng
RT: 15.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

**Instrument :** BNA_M
**ClientSampleId :** PB83556BS

Tgt Ion:330 Resp: 8376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 117.6 | 90.3 | 135.5 |
| 141 | 0.0 | 0.0 | 0.0 |

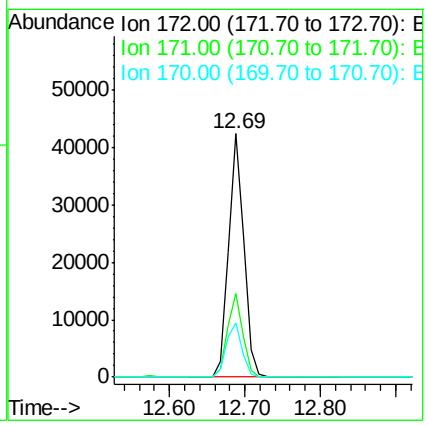


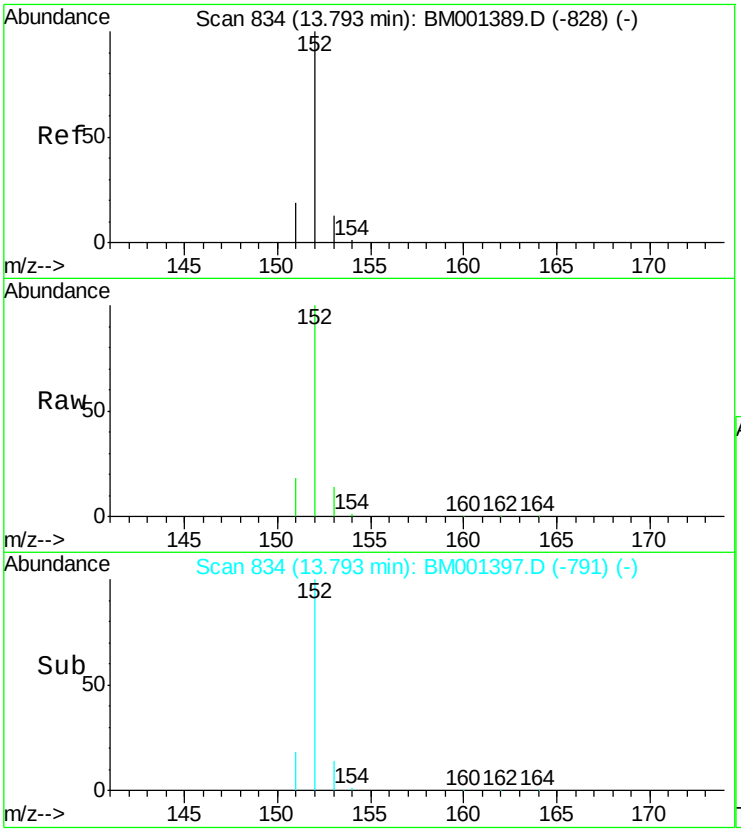




#14
2-Fluorobiphenyl
Concen: 8.55 ng
RT: 12.69 min Scan# 733
Delta R.T. 0.00 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

Tgt Ion:172 Resp: 60602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.1 | 29.4 | 44.0 |
| 170 | 22.4 | 20.2 | 30.4 |



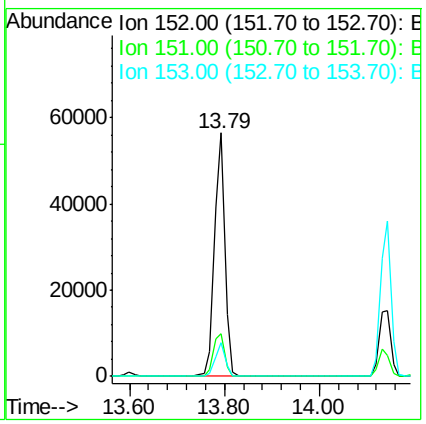


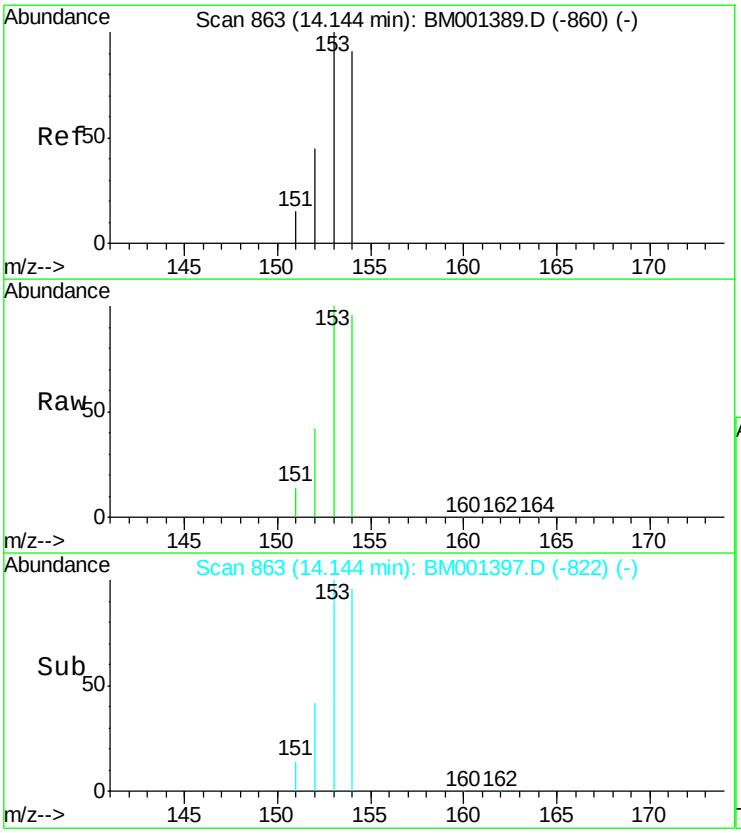

#15
Acenaphthylene
Concen: 8.79 ng
RT: 13.79 min Scan# 834
Delta R.T. 0.00 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

**Instrument :**
BNA_M
**ClientSampleId :**
PB83556BS

Tgt Ion:152 Resp: 85708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 18.9 | 15.1 | 22.7 |
| 153 | 13.0 | 10.2 | 15.4 |

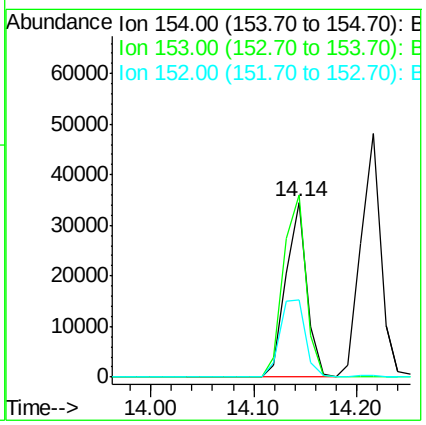


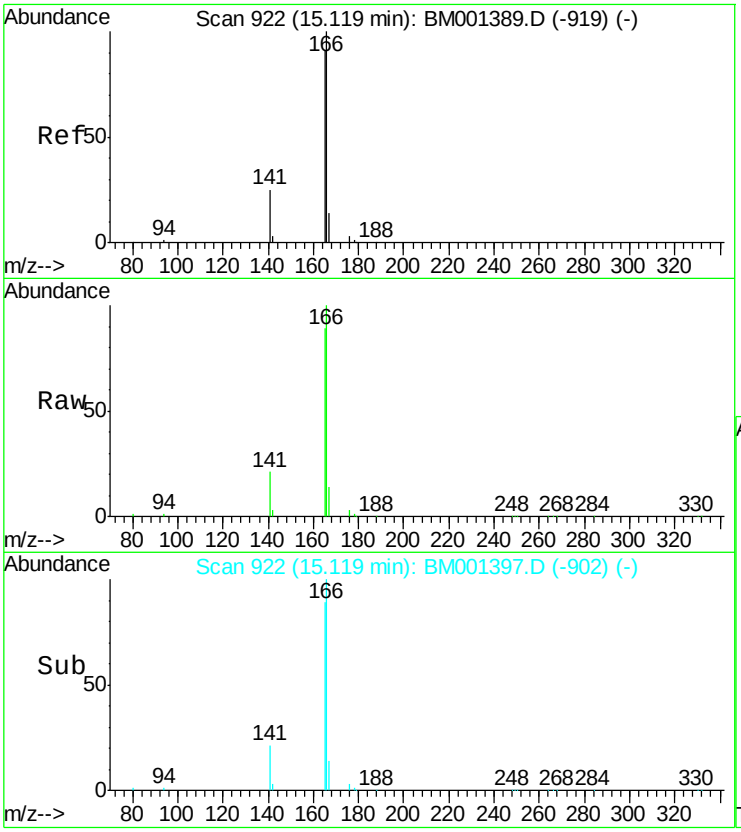




#16
Acenaphthene
Concen: 8.13 ng
RT: 14.14 min Scan# 863
Delta R.T. 0.00 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

Tgt Ion:154 Resp: 49387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.4 | 91.4 | 137.2 |
| 152 | 52.6 | 44.0 | 66.0 |



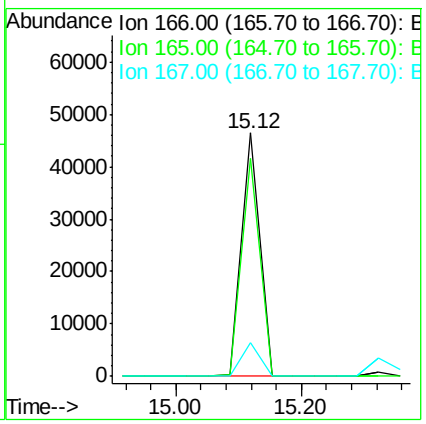


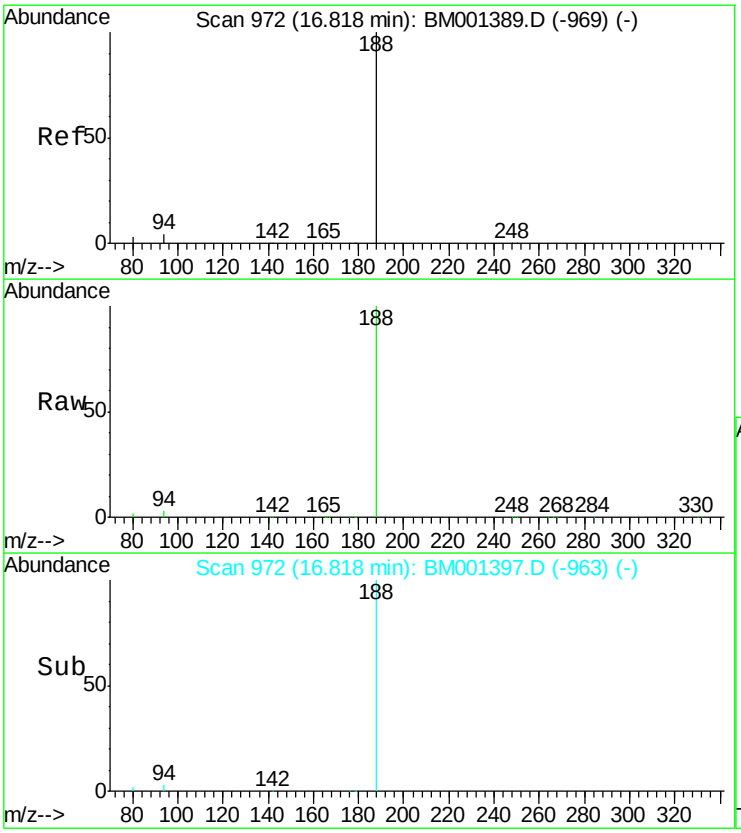

#17
Fluorene
Concen: 9.17 ng
RT: 15.12 min Scan# 922
Delta R.T. 0.00 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

**Instrument :**
BNA_M
**ClientSampleId :**
PB83556BS

Tgt Ion:166 Resp: 95438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 89.6 | 72.6 | 108.8 |
| 167 | 13.9 | 10.9 | 16.3 |

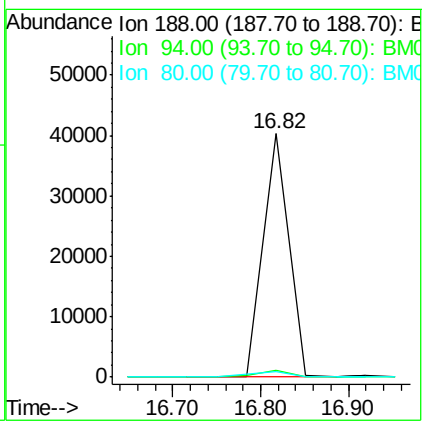


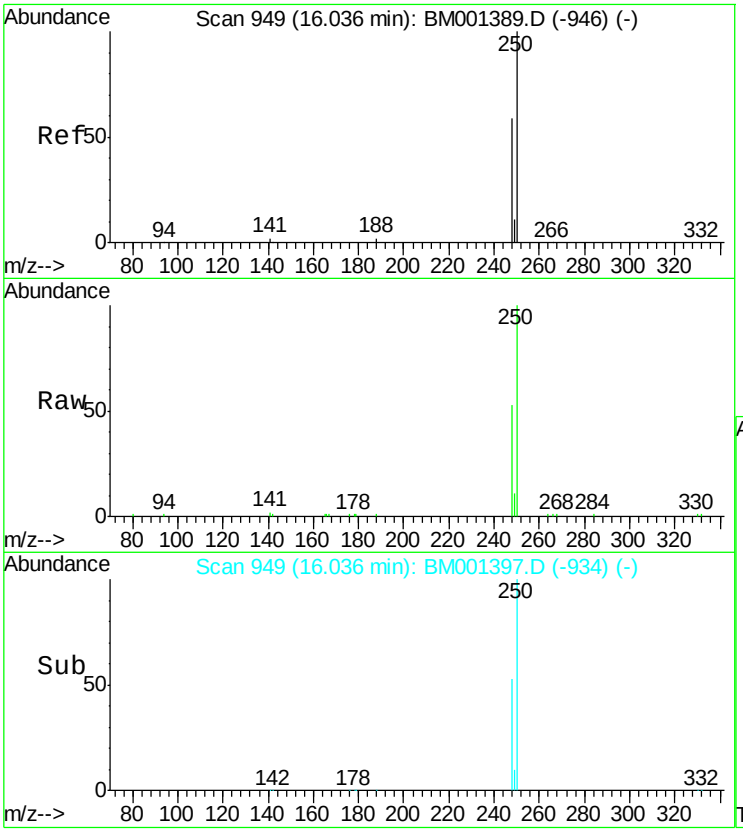




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.82 min Scan# 972
Delta R.T. 0.00 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

Tgt Ion:188 Resp: 82521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 2.8 | 3.0 | 4.4# |
| 80 | 2.4 | 2.5 | 3.7# |



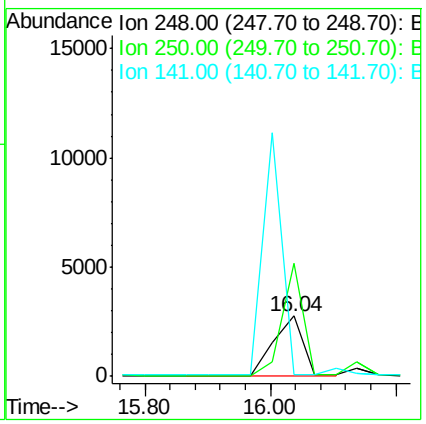


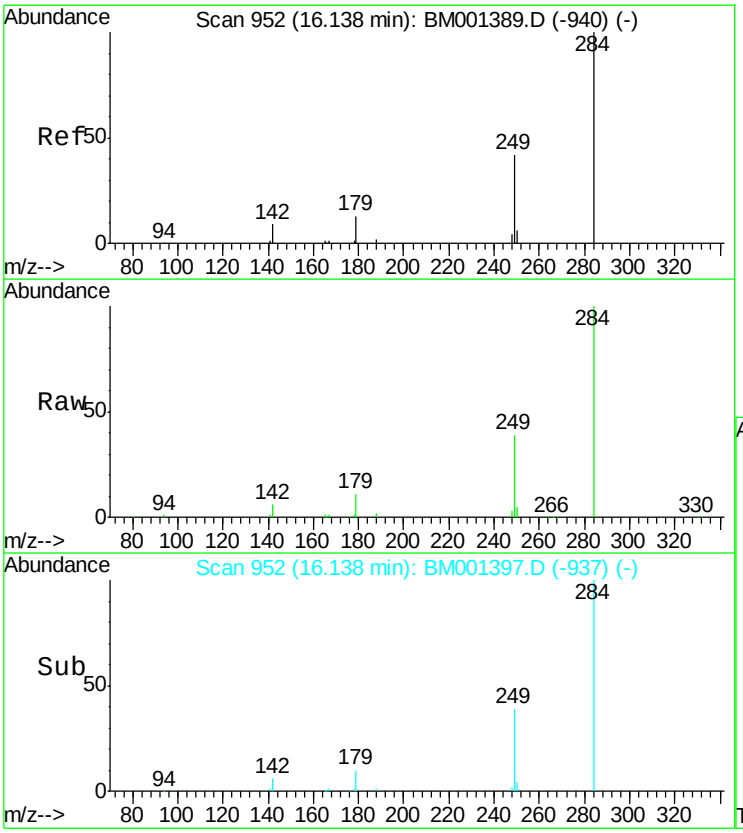

#19
4-Bromophenyl-phenylether
Concen: 4.67 ng
RT: 16.04 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

**Instrument :**
BNA_M
**ClientSampleId :**
PB83556BS

Tgt Ion:248 Resp: 8641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 134.9 | 117.8 | 176.6 |
| 141 | 0.0 | 0.0 | 0.0 |

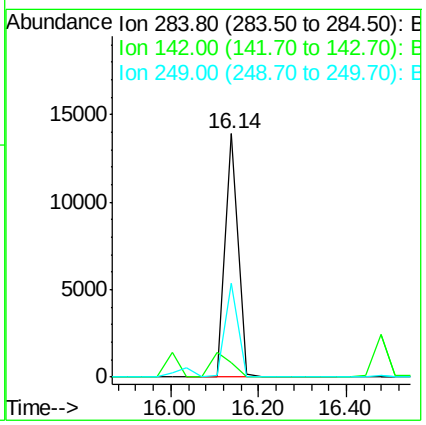


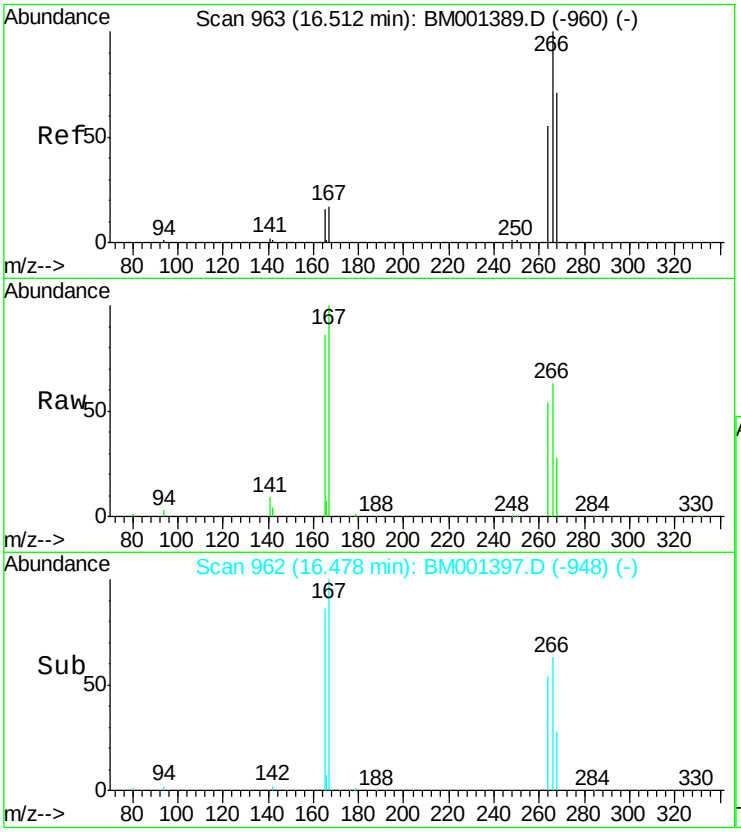




#20
Hexachlorobenzene
Concen: 5.25 ng
RT: 16.14 min Scan# 952
Delta R.T. 0.00 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

Tgt Ion:284 Resp: 28478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 0.0 | 13.9 | 20.9# |
| 249 | 43.3 | 39.0 | 58.4 |



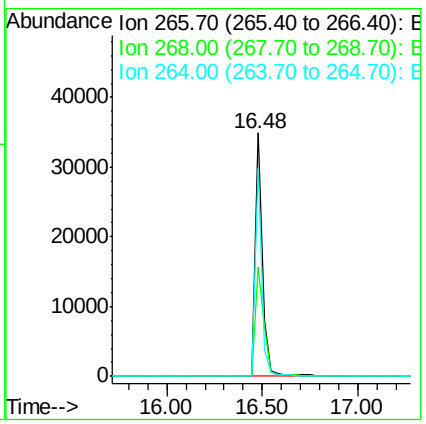


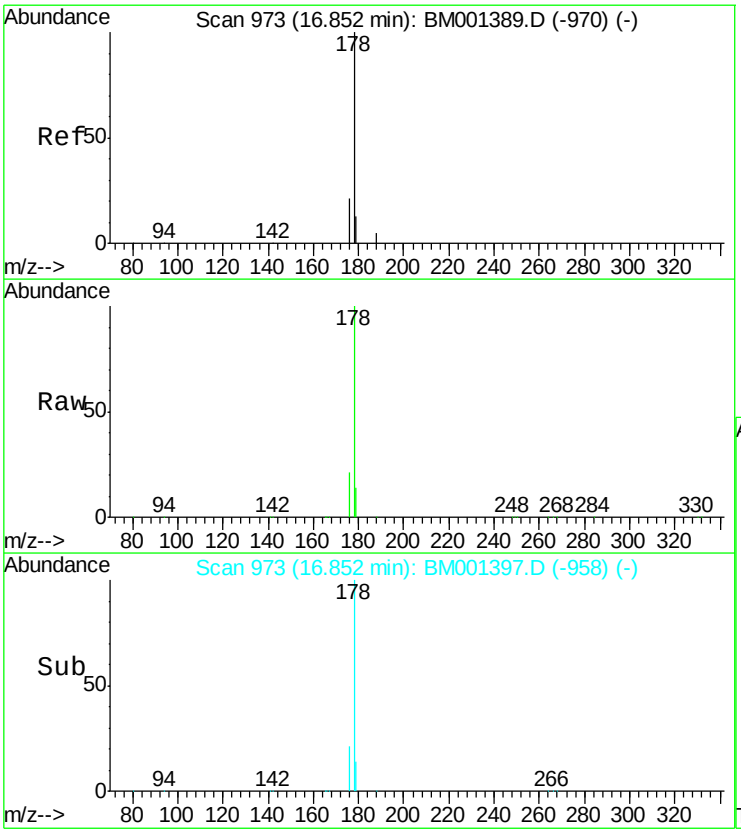

#21
Pentachlorophenol
Concen: 16.61 ng
RT: 16.48 min Scan# 962
Delta R.T. -0.03 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

**Instrument :**
BNA_M
**ClientSampleId :**
PB83556BS

Tgt Ion:266 Resp: 92490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 45.0 | 63.0 | 94.4# |
| 264 | 85.4 | 52.8 | 79.2# |

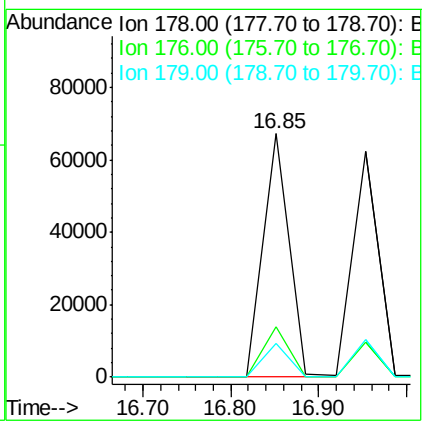


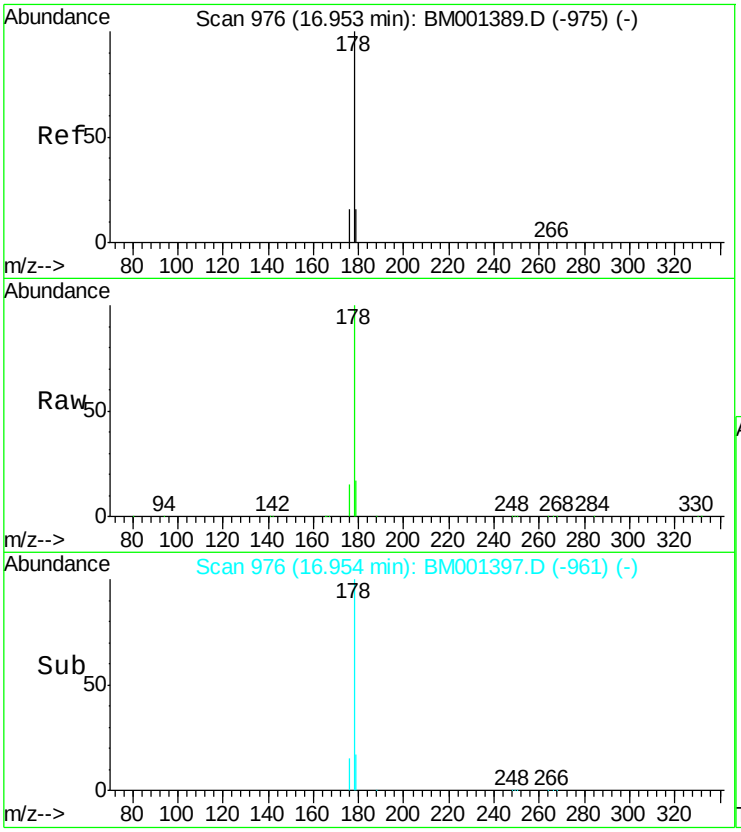




#22
Phenanthrene
Concen: 5.29 ng
RT: 16.85 min Scan# 973
Delta R.T. 0.00 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

Tgt Ion:178 Resp: 139340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.8 | 16.8 | 25.2 |
| 179 | 13.7 | 11.0 | 16.4 |



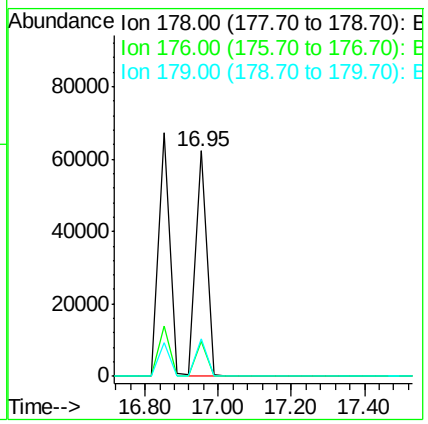


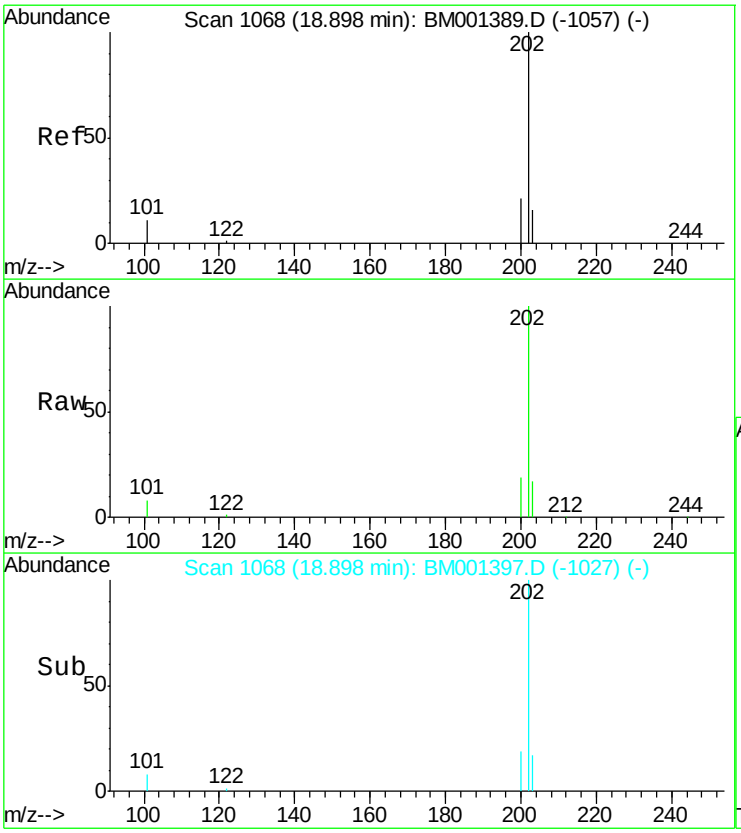

#23
Anthracene
Concen: 8.75 ng
RT: 16.95 min Scan# 976
Delta R.T. 0.00 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

**Instrument :**
BNA_M
**ClientSampleId :**
PB83556BS

Tgt Ion:178 Resp: 128890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 15.4 | 13.1 | 19.7 |
| 179 | 16.9 | 12.8 | 19.2 |

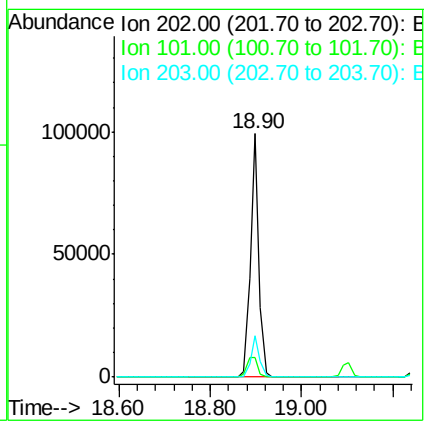


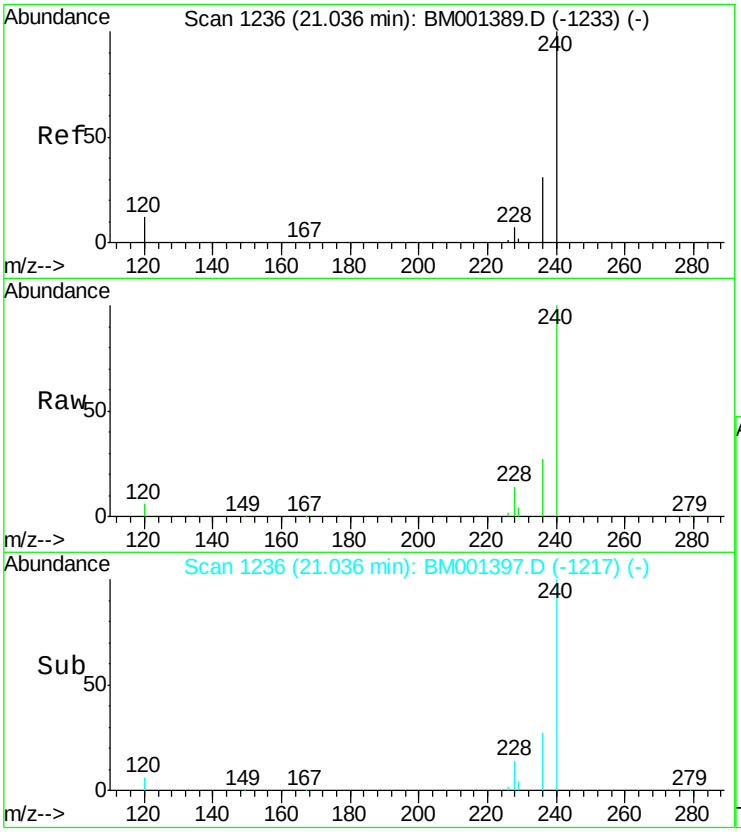




#24
Fluoranthene
Concen: 8.27 ng
RT: 18.90 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

Tgt Ion:202 Resp: 125813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.8 | 8.6 | 12.8 |
| 203 | 16.9 | 13.8 | 20.6 |



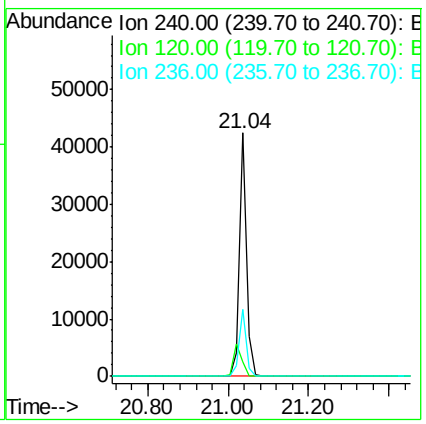


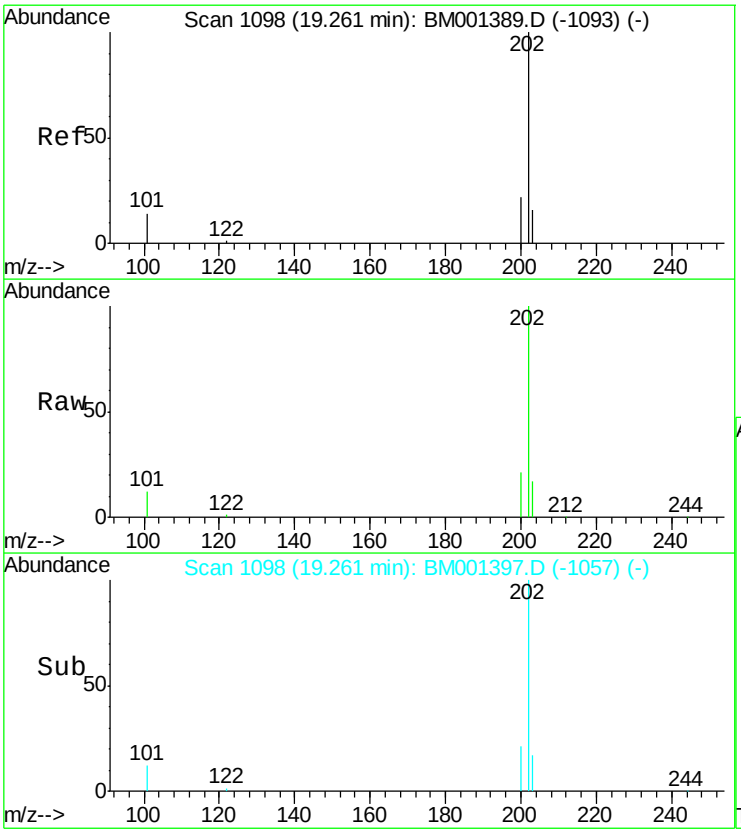

#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.04 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

**Instrument :**
BNA_M
**ClientSampleId :**
PB83556BS

Tgt Ion:240 Resp: 50408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.7 | 9.7 | 14.5# |
| 236 | 27.5 | 24.8 | 37.2 |

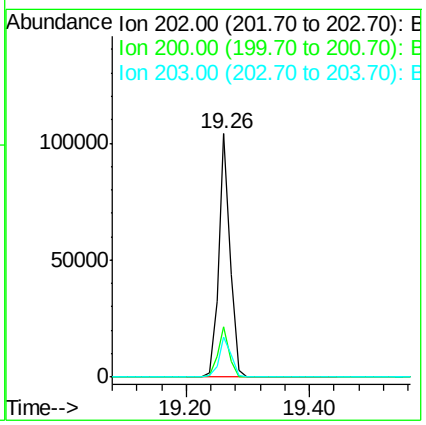


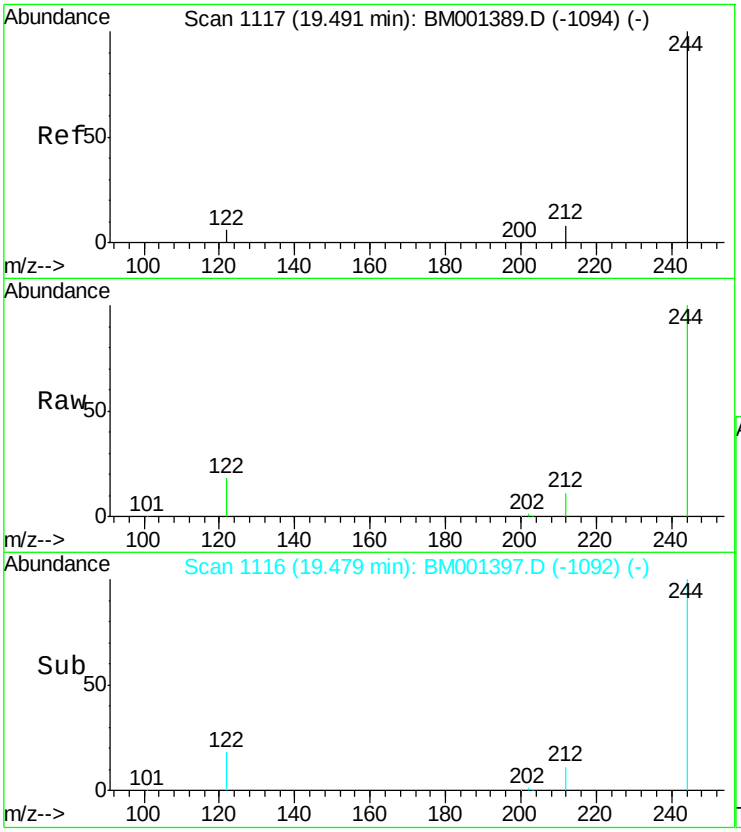




#26
Pyrene
Concen: 8.85 ng
RT: 19.26 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

Tgt Ion:202 Resp: 134727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.6 | 16.4 | 24.6 |
| 203 | 17.8 | 13.9 | 20.9 |



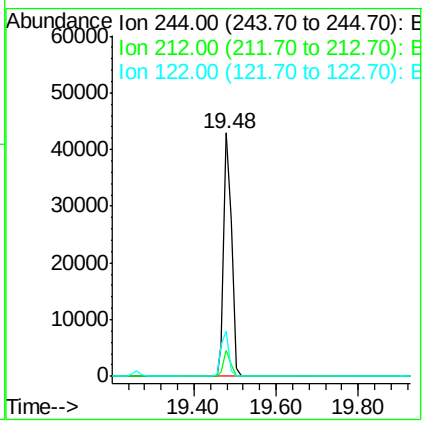


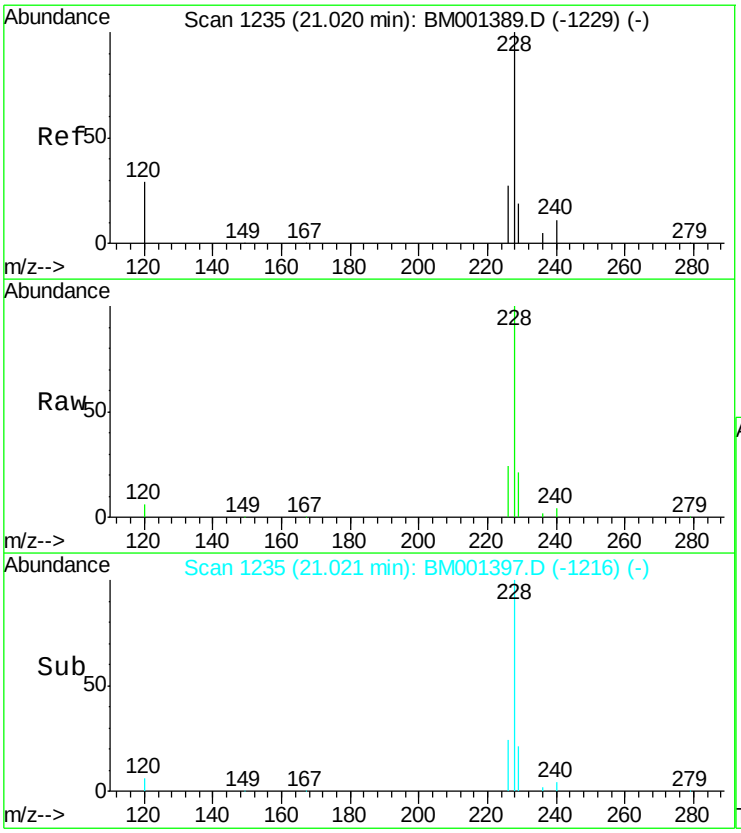

#27
Terphenyl-d14
Concen: 8.30 ng
RT: 19.48 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

**Instrument :**
BNA_M
**ClientSampleId :**
PB83556BS

Tgt Ion:244 Resp: 56651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 10.6 | 7.2 | 10.8 |
| 122 | 18.5 | 5.1 | 7.7# |

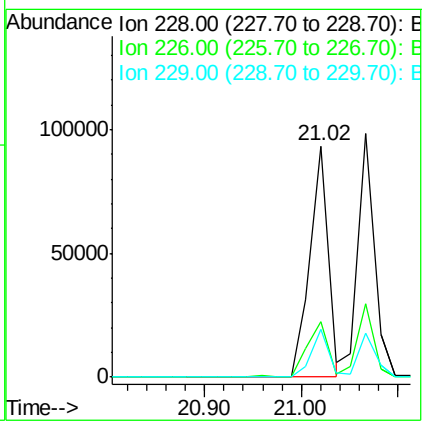


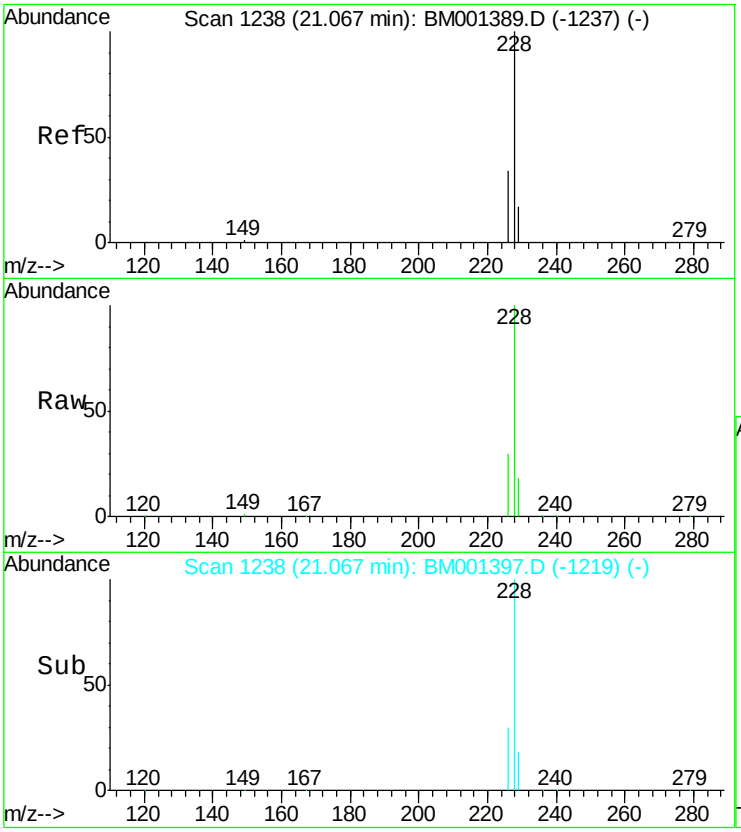




#28
Benzo(a)anthracene
Concen: 8.14 ng
RT: 21.02 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

Tgt Ion:228 Resp: 121191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 24.0 | 21.9 | 32.9 |
| 229 | 20.7 | 15.1 | 22.7 |



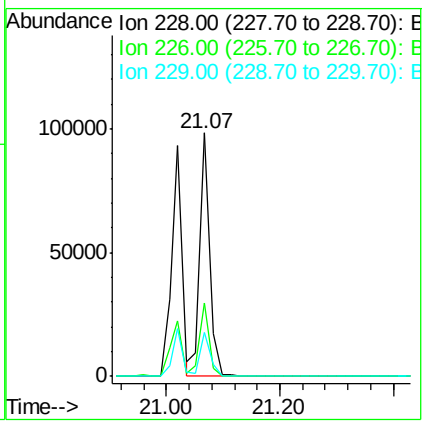


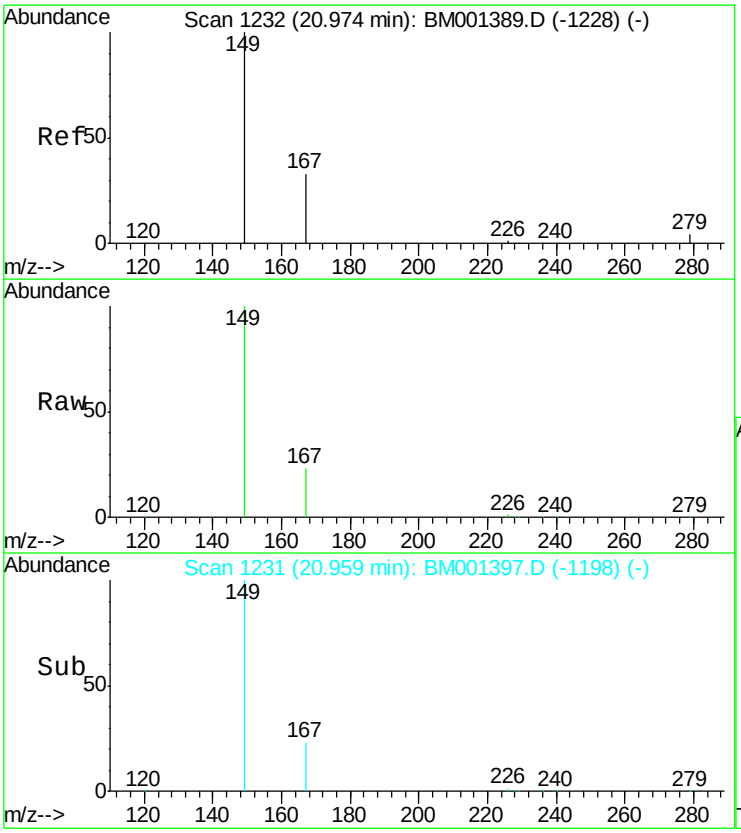

#29
Chrysene
Concen: 8.83 ng
RT: 21.07 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

**Instrument :**
BNA_M
**ClientSampleId :**
PB83556BS

Tgt Ion:228 Resp: 117785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.1 | 27.6 | 41.4 |
| 229 | 18.2 | 13.6 | 20.4 |

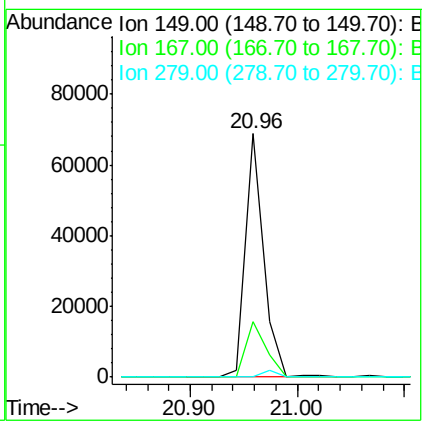


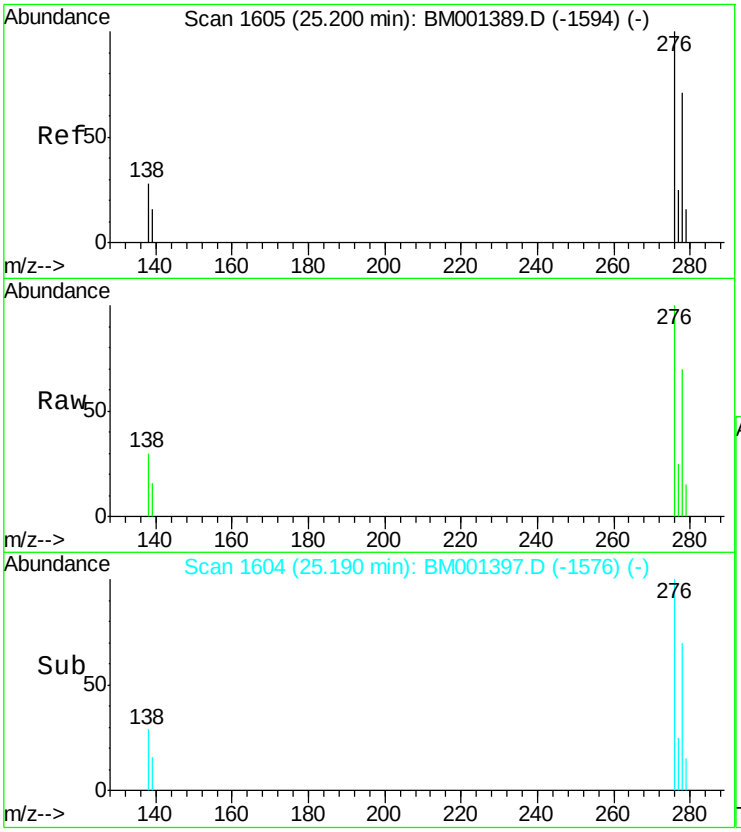




#30
Bis(2-ethylhexyl)phthalate
Concen: 10.02 ng
RT: 20.96 min Scan# 1231
Delta R.T. -0.02 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

Tgt Ion:149 Resp: 80528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 25.6 | 21.0 | 31.6 |
| 279 | 2.7 | 2.2 | 3.2 |



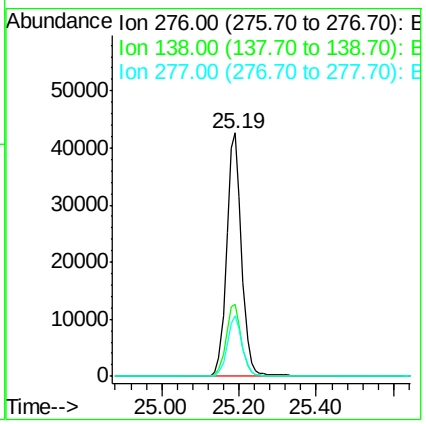


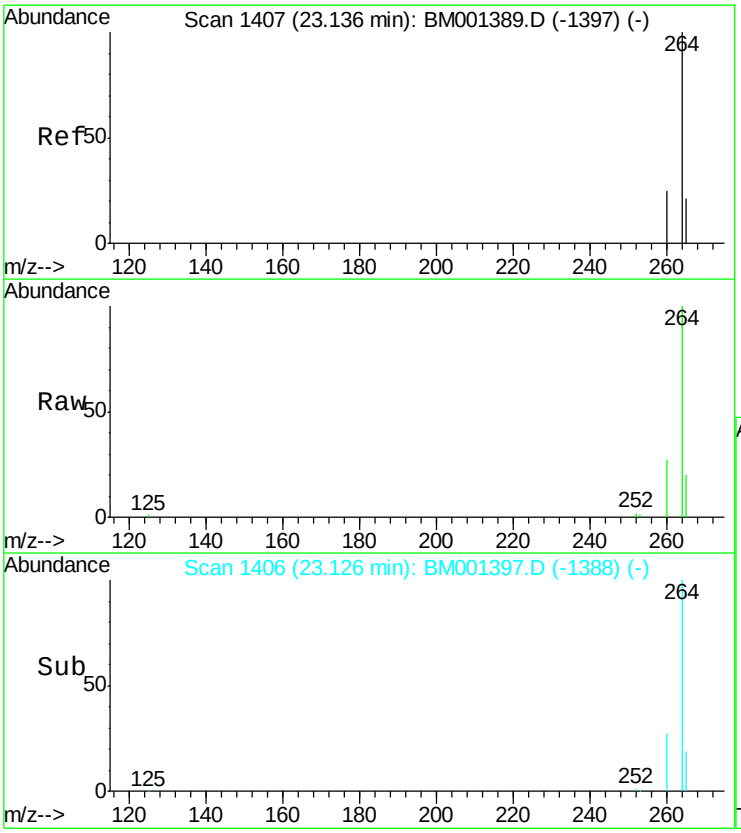

#31
Indeno(1,2,3-cd)pyrene
Concen: 7.76 ng
RT: 25.19 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

**Instrument :**
BNA_M
**ClientSampleId :**
PB83556BS

Tgt Ion:276 Resp: 114322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 30.4 | 23.4 | 35.0 |
| 277 | 24.7 | 19.5 | 29.3 |

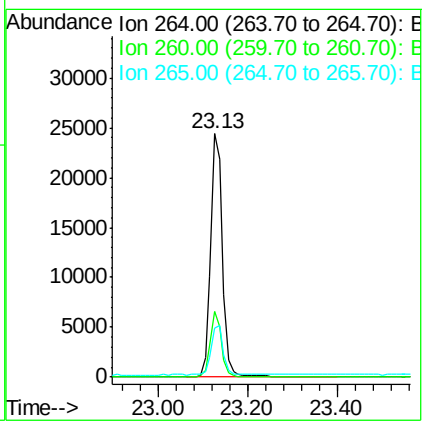


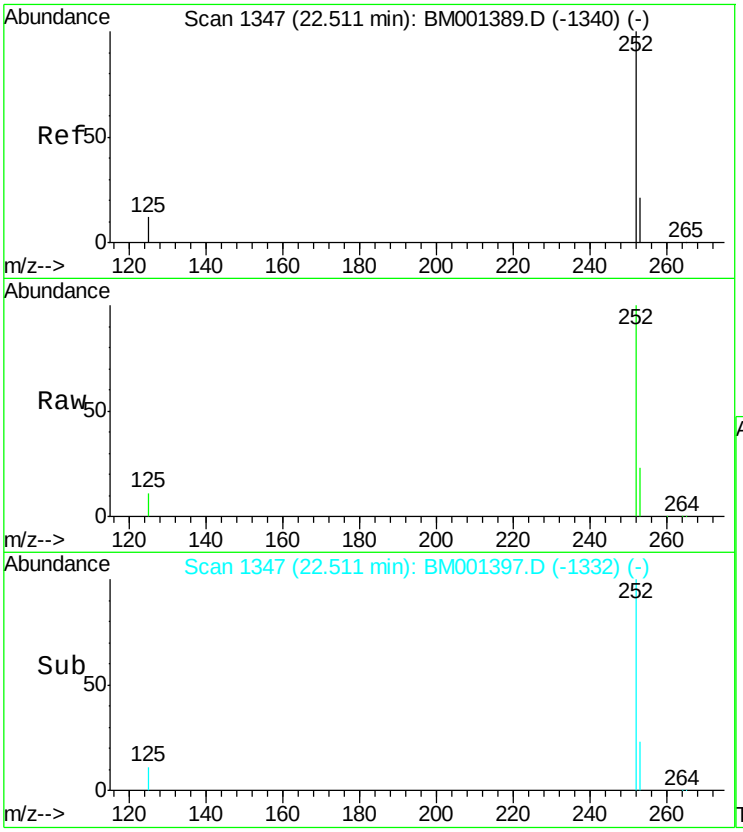




#32
Perylene-d12
Concen: 5.00 ng
RT: 23.13 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

Tgt Ion:264 Resp: 43630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 26.8 | 20.1 | 30.1 |
| 265 | 20.3 | 17.1 | 25.7 |



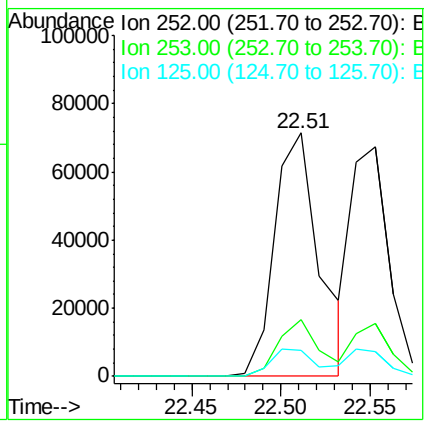


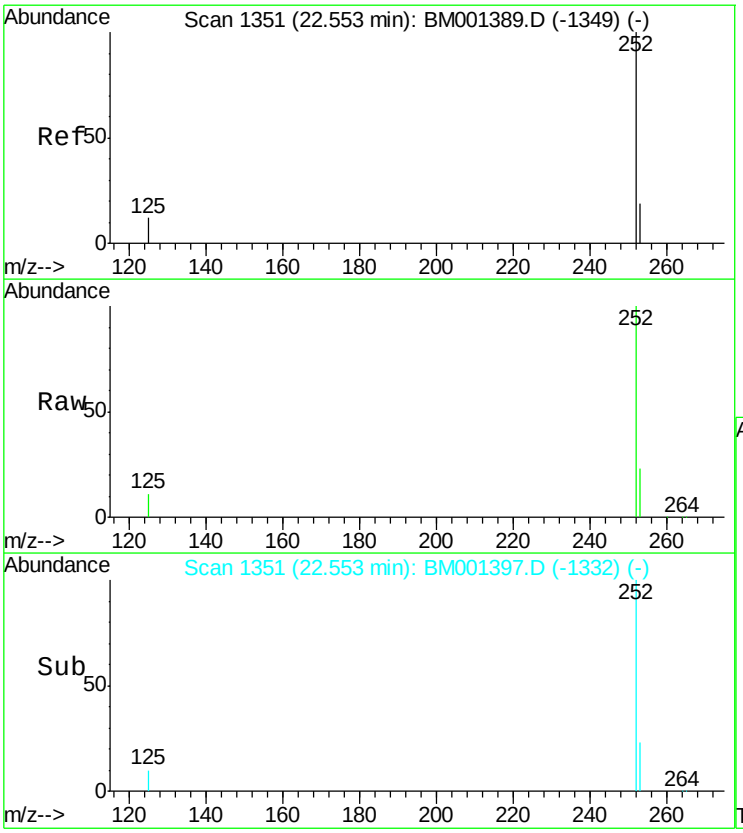

#33
Benzo(b)fluoranthene
Concen: 9.43 ng
RT: 22.51 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

**Instrument :**
BNA_M
**ClientSampleId :**
PB83556BS

Tgt Ion:252 Resp: 124590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.1 | 17.4 | 26.0 |
| 125 | 10.7 | 10.2 | 15.4 |

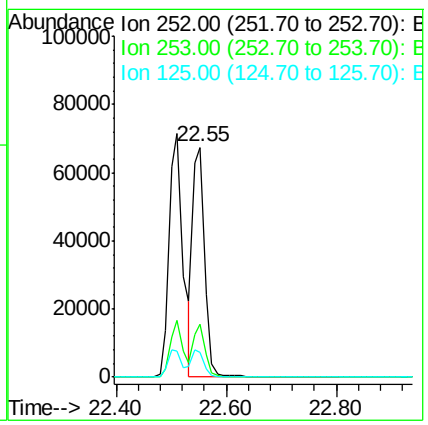


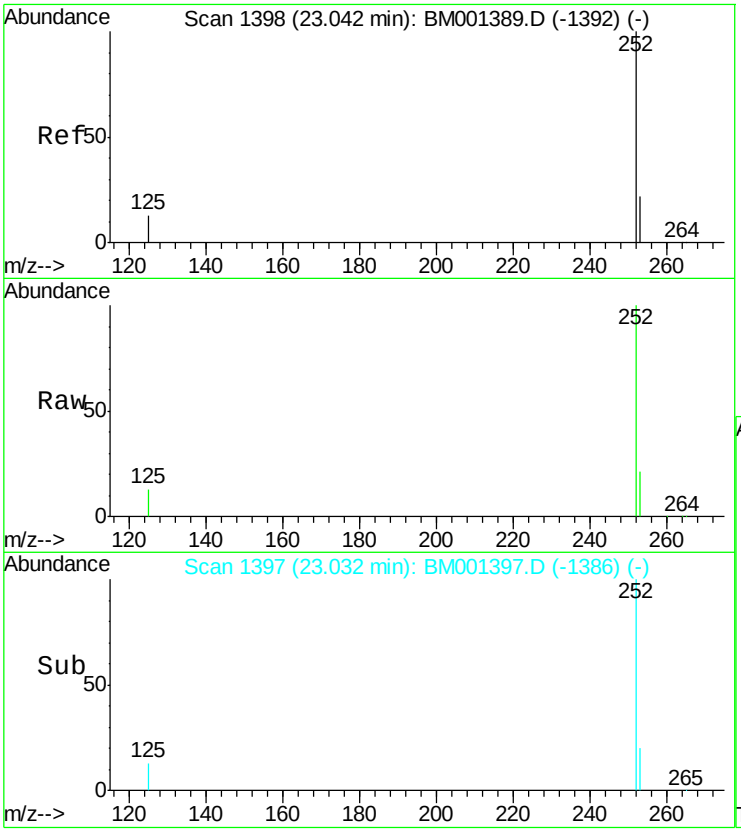




#34
Benzo(k)fluoranthene
Concen: 8.18 ng
RT: 22.55 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

Tgt Ion:252 Resp: 100864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.9 | 17.6 | 26.4 |
| 125 | 10.6 | 9.7 | 14.5 |



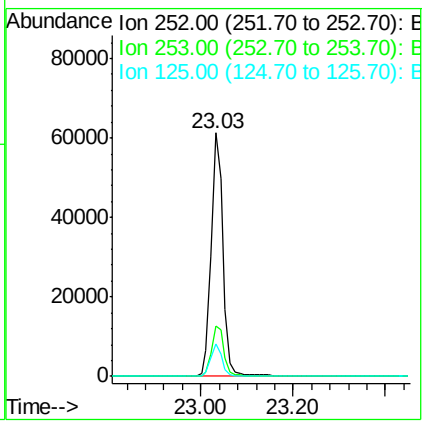


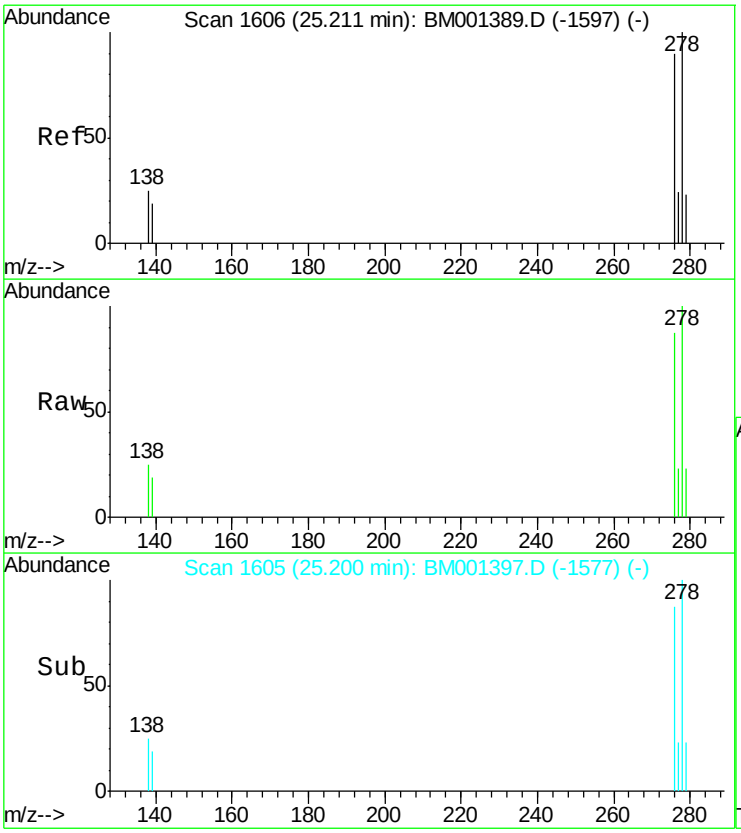

#35
Benzo(a)pyrene
Concen: 9.22 ng
RT: 23.03 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

**Instrument :**
BNA_M
**ClientSampleId :**
PB83556BS

Tgt Ion:252 Resp: 107549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 20.7 | 18.6 | 28.0 |
| 125 | 13.1 | 10.7 | 16.1 |

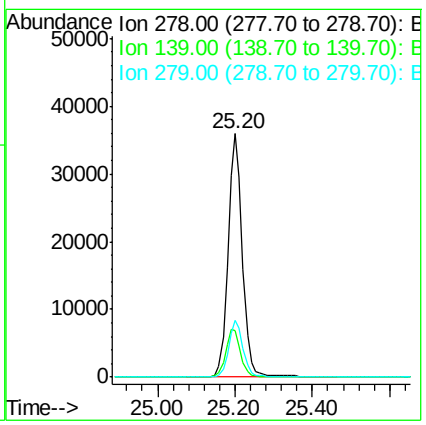


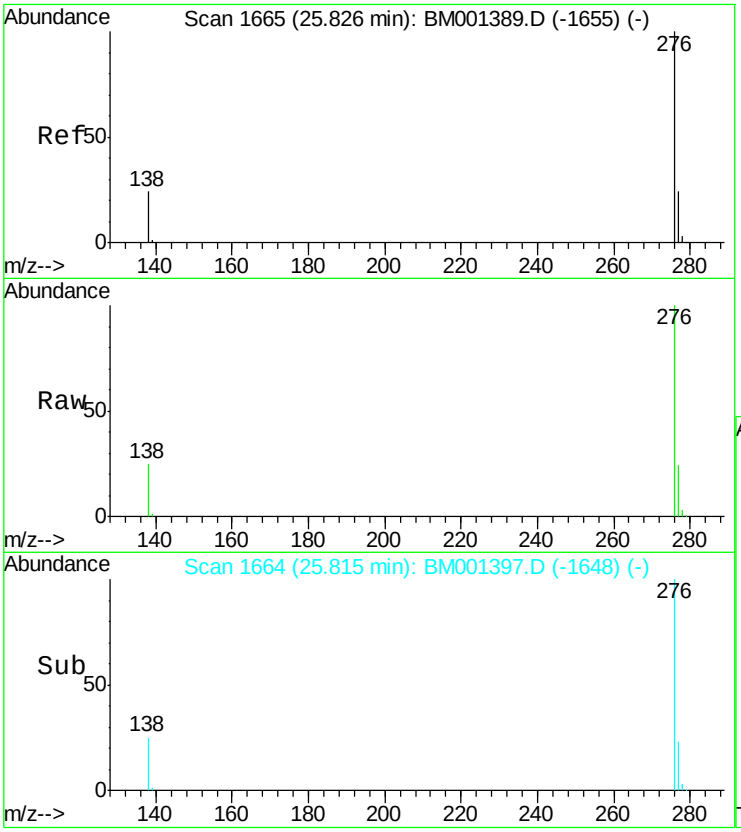




#36
Dibenzo(a,h)anthracene
Concen: 8.69 ng
RT: 25.20 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

Tgt Ion:278 Resp: 91843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 19.3 | 15.7 | 23.5 |
| 279 | 23.2 | 19.4 | 29.2 |






#37
Benzo(g,h,i)perylene
Concen: 8.41 ng
RT: 25.82 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BM001397.D
Acq: 23 May 2015 01:03

**Instrument :**
BNA_M
**ClientSampleId :**
PB83556BS

Tgt Ion:276 Resp: 94449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.5 | 19.8 | 29.6 |
| 138 | 25.5 | 20.2 | 30.2 |