Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060815\
Data File : BM001605.D
Acq On : 09 Jun 2015 04:12
Operator : TP/IZ
Sample : PB83718BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
PB83718BS

**Manual Integrations APPROVED**
apatel
6/10/2015 1:04:40 PM

Quant Time: Jun 09 18:11:49 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 17:36:38 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.69 | 152 | 19692 | 5.00 | ng | | 0.00 |
| 6) Naphthalene-d8 | 10.47 | 136 | 70704 | 5.00 | ng | | 0.00 |
| 12) Acenaphthene-d10 | 14.35 | 164 | 32273 | 5.00 | ng | | 0.00 |
| 18) Phenanthrene-d10 | 17.09 | 188 | 39844 | 5.00 | ng | | 0.03 |
| 25) Chrysene-d12 | 21.28 | 240 | 53646 | 5.00 | ng | | 0.00 |
| 32) Perylene-d12 | 23.51 | 264 | 49953 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.27 | 112 | 46903 | 10.47 | ng | | -0.02 |
| 5) Phenol-d6 | 6.84 | 99 | 59220 | 10.76 | ng | | -0.02 |
| 7) Nitrobenzene-d5 | 8.85 | 82 | 54153 | 10.87 | ng | | 0.00 |
| 13) 2,4,6-Tribromophenol | 15.83 | 330 | 17292 | 11.12 | ng | | 0.00 |
| 14) 2-Fluorobiphenyl | 12.96 | 172 | 102658 | 9.77 | ng | | 0.00 |
| 27) Terphenyl-d14 | 19.72 | 244 | 69468 | 9.92 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.21 | 88 | 19452 | 8.98 | ng | | 95 |
| 3) n-Nitrosodimethylamine | 3.51 | 42 | 33250 | 10.73 | ng | | 95 |
| 8) Nitrobenzene | 8.89 | 77 | 59405 | 11.11 | ng | | 98 |
| 9) Naphthalene | 10.52 | 128 | 156309 | 9.87 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.82 | 225 | 26773 | 9.82 | ng | | 100 |
| 11) 2-Methylnaphthalene | 12.15 | 142 | 97926 | 10.10 | ng | | 98 |
| 15) Acenaphthylene | 14.06 | 152 | 158595 | 10.95 | ng | | 100 |
| 16) Acenaphthene | 14.41 | 154 | 93197 | 10.23 | ng | | 96 |
| 17) Fluorene | 15.36 | 166 | 62899 | 10.19 | ng | | 98 |
| 19) 4-Bromophenyl-phenylether | 16.27 | 248 | 42765 | 11.31 | ng | | 91 |
| 20) Hexachlorobenzene | 16.38 | 284 | 20808 | 10.07 | ng | # | 82 |
| 21) Pentachlorophenol | 16.72 | 266 | 9495 | 13.73 | ng | | 92 |
| 22) Phenanthrene | 17.12 | 178 | 156154m | 10.98 | ng | | |
| 23) Anthracene | 17.19 | 178 | 90451m | 10.72 | ng | | |
| 24) Fluoranthene | 19.15 | 202 | 166513 | 10.81 | ng | | 100 |
| 26) Pyrene | 19.52 | 202 | 176932 | 10.18 | ng | | 99 |
| 28) Benzo(a)anthracene | 21.25 | 228 | 157128 | 10.03 | ng | | 98 |
| 29) Chrysene | 21.31 | 228 | 142818 | 9.64 | ng | | 99 |
| 30) Bis(2-ethylhexyl)phthalate | 21.19 | 149 | 105687 | 11.67 | ng | | 98 |
| 31) Indeno(1,2,3-cd)pyrene | 25.76 | 276 | 154195 | 10.25 | ng | | 99 |
| 33) Benzo(b)fluoranthene | 22.83 | 252 | 146604 | 9.76 | ng | | 98 |
| 34) Benzo(k)fluoranthene | 22.88 | 252 | 143182 | 9.89 | ng | | 97 |
| 35) Benzo(a)pyrene | 23.41 | 252 | 132711 | 10.01 | ng | | 96 |
| 36) Dibenzo(a,h)anthracene | 25.78 | 278 | 120095 | 9.91 | ng | | 96 |
| 37) Benzo(g,h,i)perylene | 26.46 | 276 | 125005 | 9.56 | ng | | 99 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060815\
Data File : BM001605.D
Acq On : 09 Jun 2015 04:12
Operator : TP/IZ
Sample : PB83718BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 09 18:11:49 2015
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Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
PB83718BS

**Manual Integrations APPROVED**
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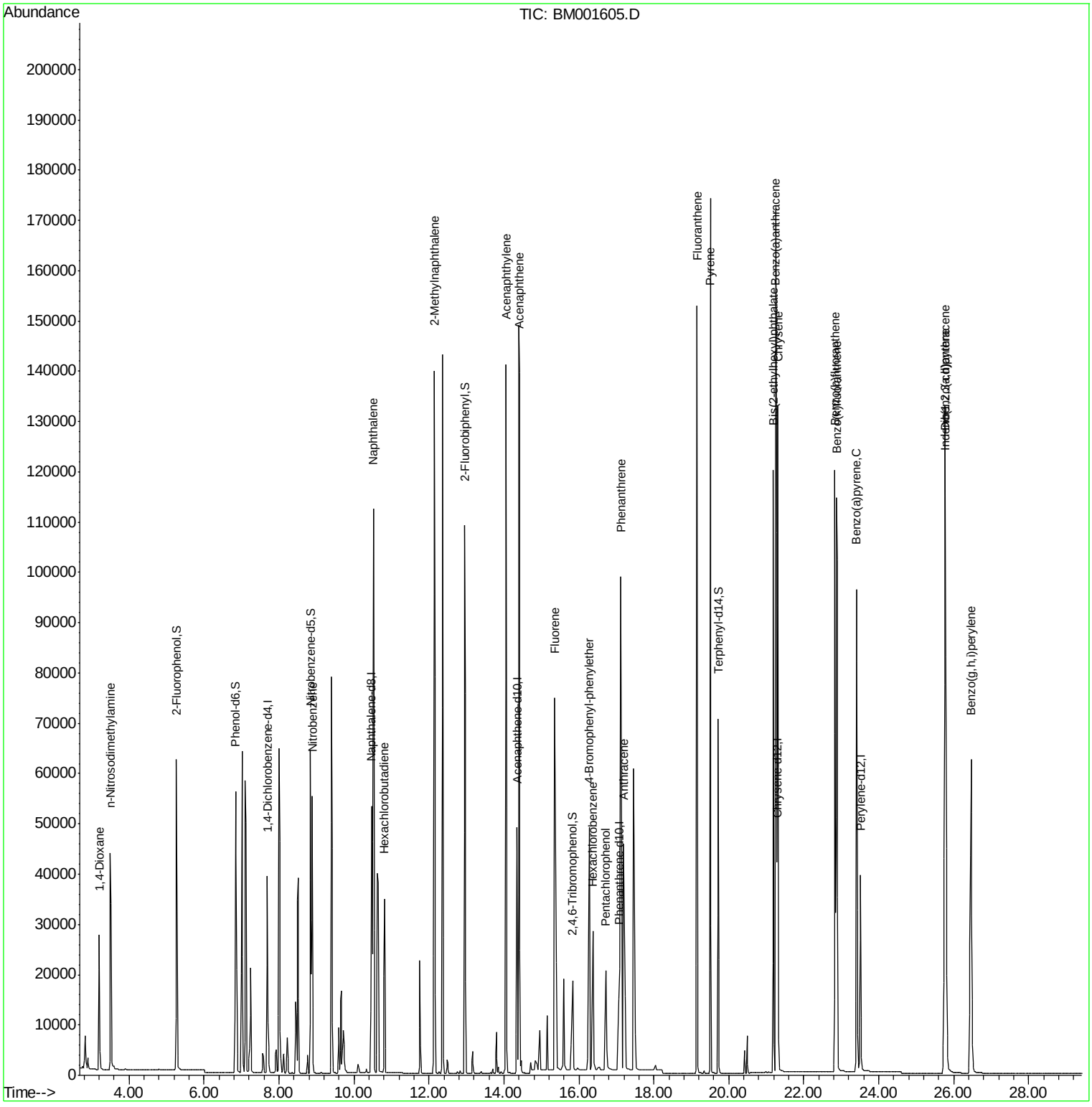
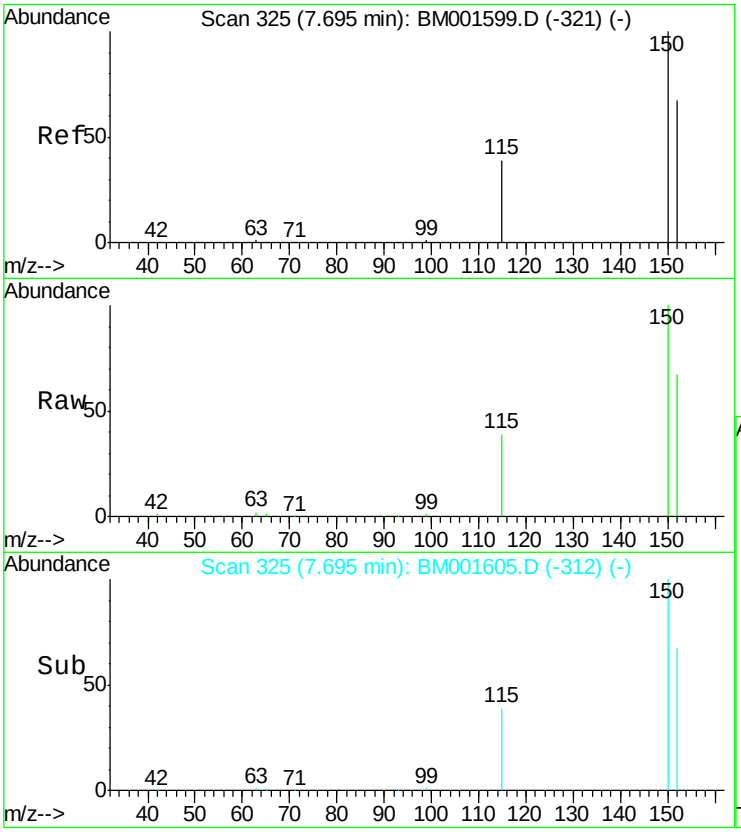
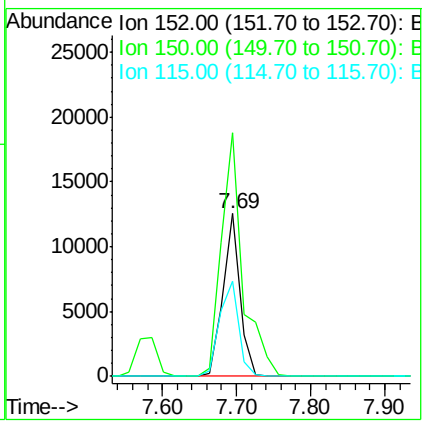





#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 325
Delta R.T. 0.00 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:152 Resp: 19692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 149.5 | 120.1 | 180.1 |
| 115 | 58.3 | 47.0 | 70.6 |




**Instrument :**
BNA_M
**ClientSampleId :**
PB83718BS

**Manual Integrations APPROVED**
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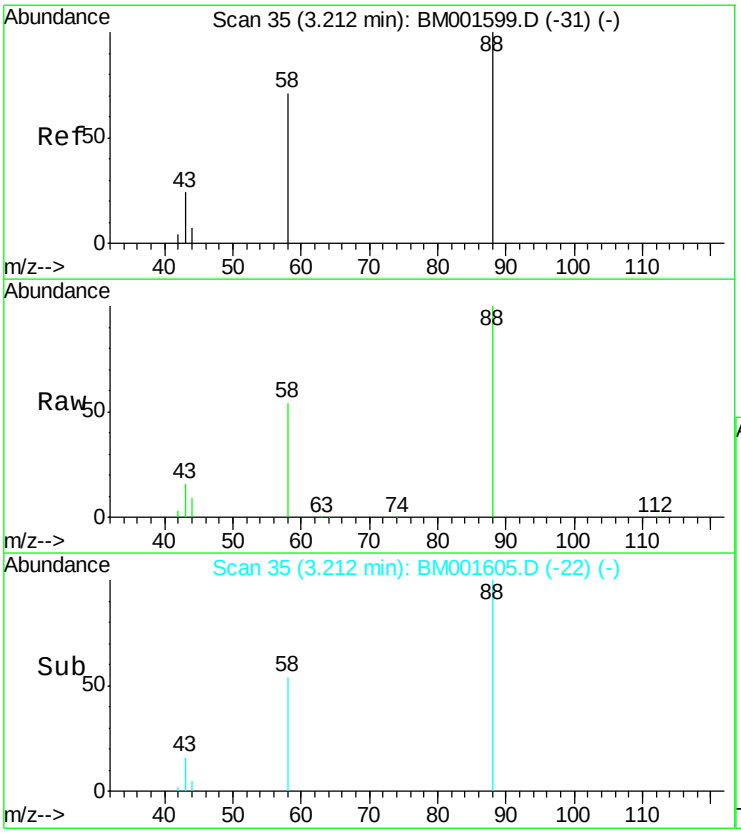
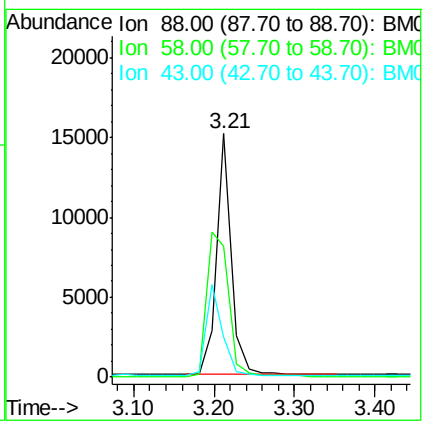
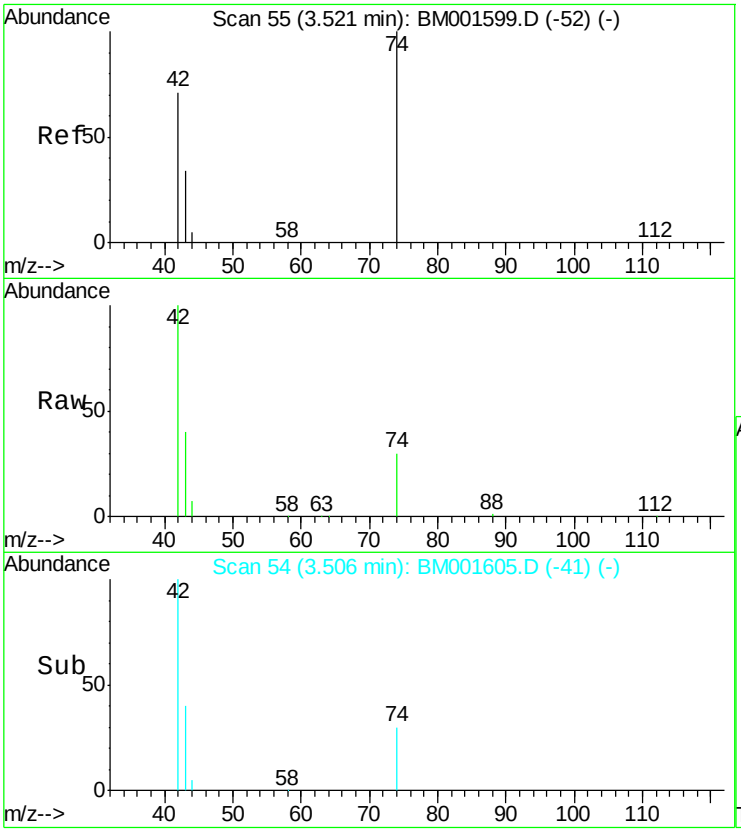



#2
1,4-Dioxane
Concen: 8.98 ng
RT: 3.21 min Scan# 35
Delta R.T. 0.00 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion: 88 Resp: 19452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 87.4 | 65.5 | 98.3 |
| 43 | 41.3 | 32.2 | 48.2 |

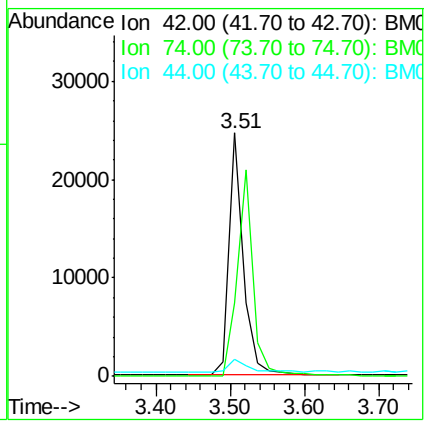





#3
n-Nitrosodimethylamine
Concen: 10.73 ng
RT: 3.51 min Scan# 54
Delta R.T. 0.00 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion: 42 Resp: 33250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 94.1 | 79.5 | 119.3 |
| 44 | 5.8 | 5.7 | 8.5 |




**Instrument :**
BNA_M
**ClientSampleId :**
PB83718BS

**Manual Integrations APPROVED**
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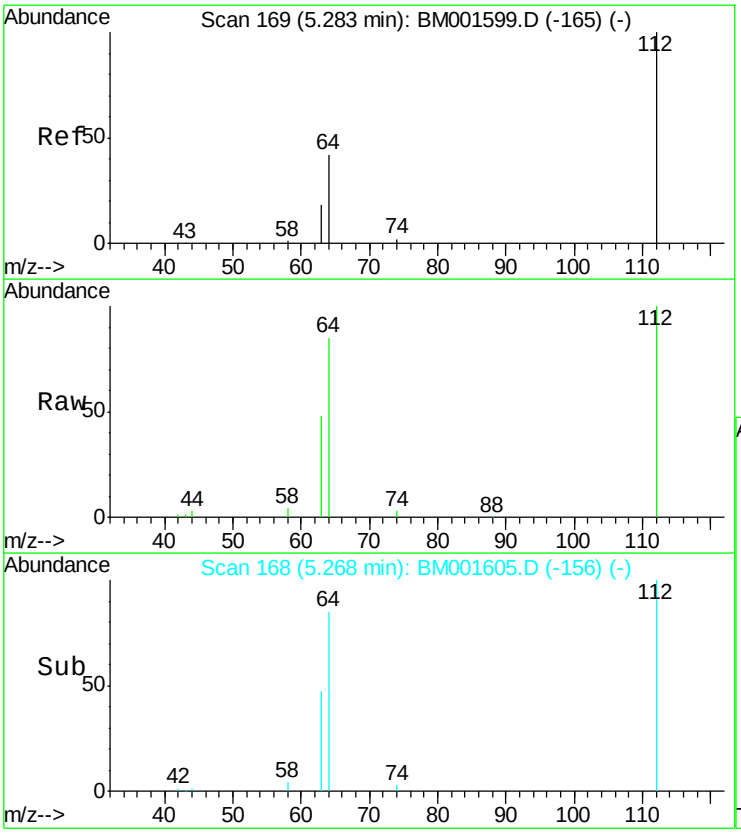
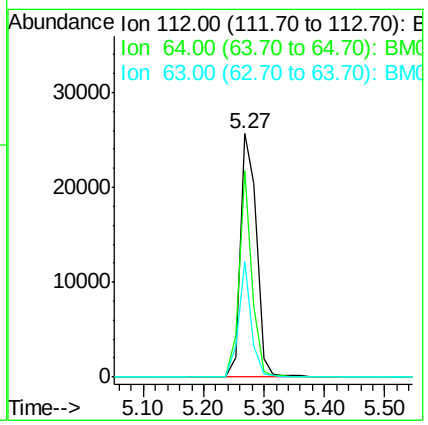
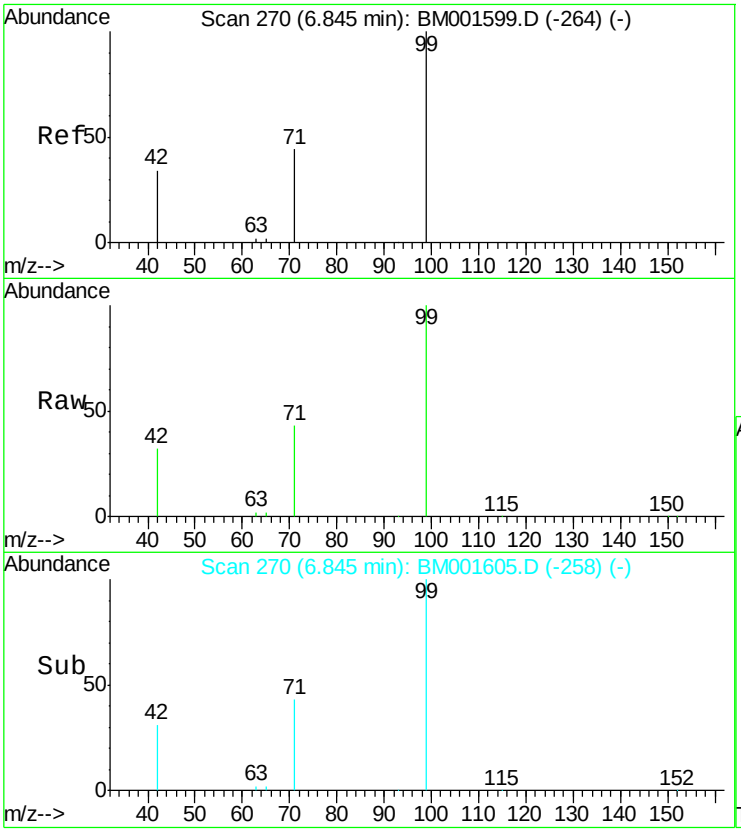



#4
2-Fluorophenol
Concen: 10.47 ng
RT: 5.27 min Scan# 168
Delta R.T. -0.02 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:112 Resp: 46903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 68.4 | 54.8 | 82.2 |
| 63 | 37.9 | 30.5 | 45.7 |

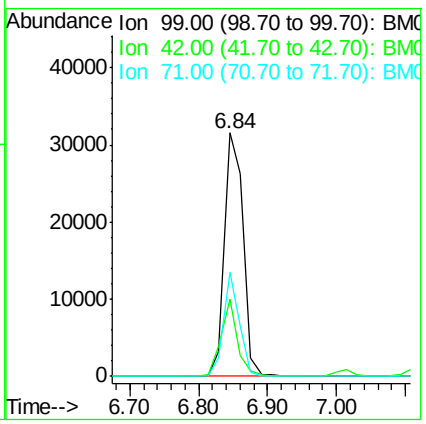





#5
Phenol-d6
Concen: 10.76 ng
RT: 6.84 min Scan# 270
Delta R.T. -0.02 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion: 99 Resp: 59220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 27.0 | 21.6 | 32.4 |
| 71 | 36.0 | 28.7 | 43.1 |




**Instrument :**
BNA_M
**ClientSampleId :**
PB83718BS

**Manual Integrations APPROVED**
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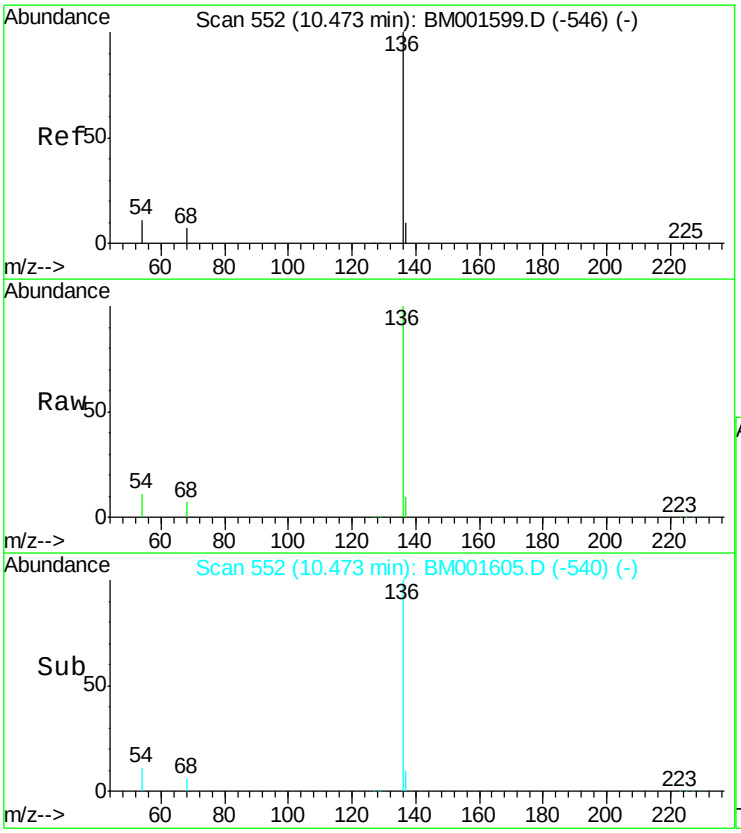
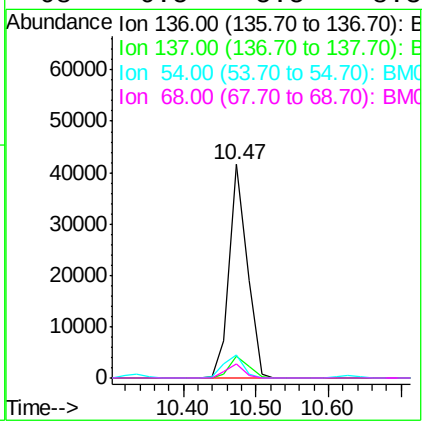
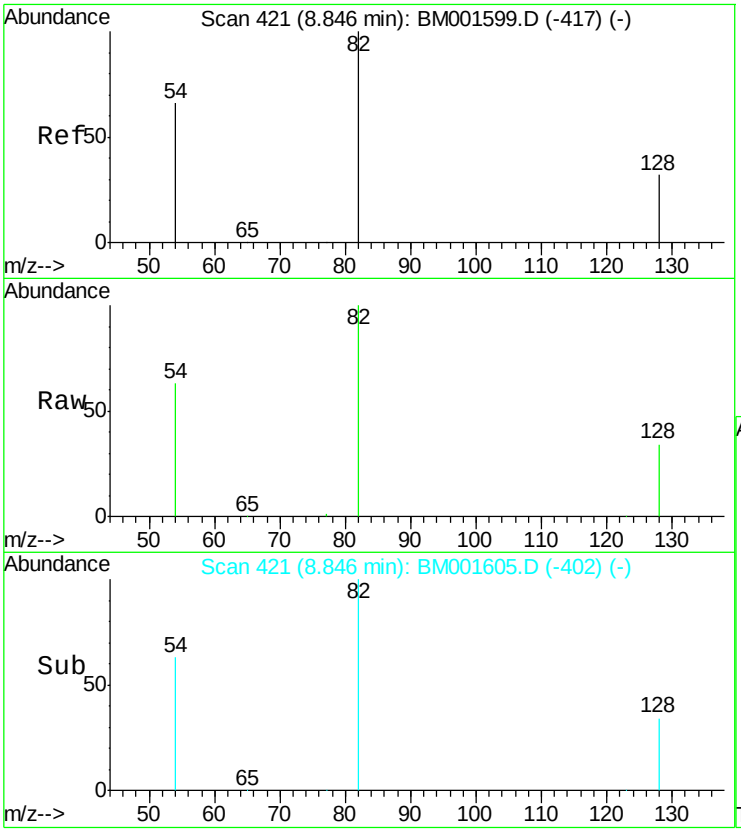



#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.47 min Scan# 552
Delta R.T. 0.00 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:136 Resp: 70704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.5 | 8.3 | 12.5 |
| 54 | 10.8 | 9.2 | 13.8 |
| 68 | 6.5 | 5.5 | 8.3 |

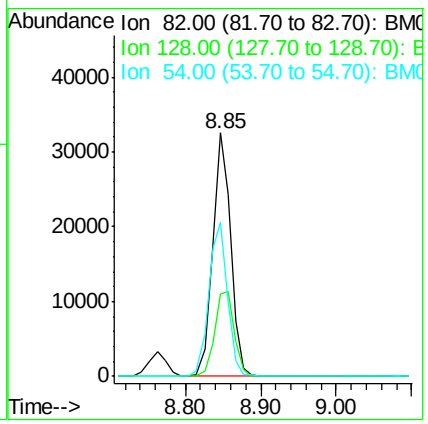





#7
Nitrobenzene-d5
Concen: 10.87 ng
RT: 8.85 min Scan# 421
Delta R.T. 0.00 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion: 82 Resp: 54153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 34.0 | 26.6 | 40.0 |
| 54 | 63.4 | 53.0 | 79.6 |




**Instrument :**
BNA_M
**ClientSampleId :**
PB83718BS

**Manual Integrations APPROVED**
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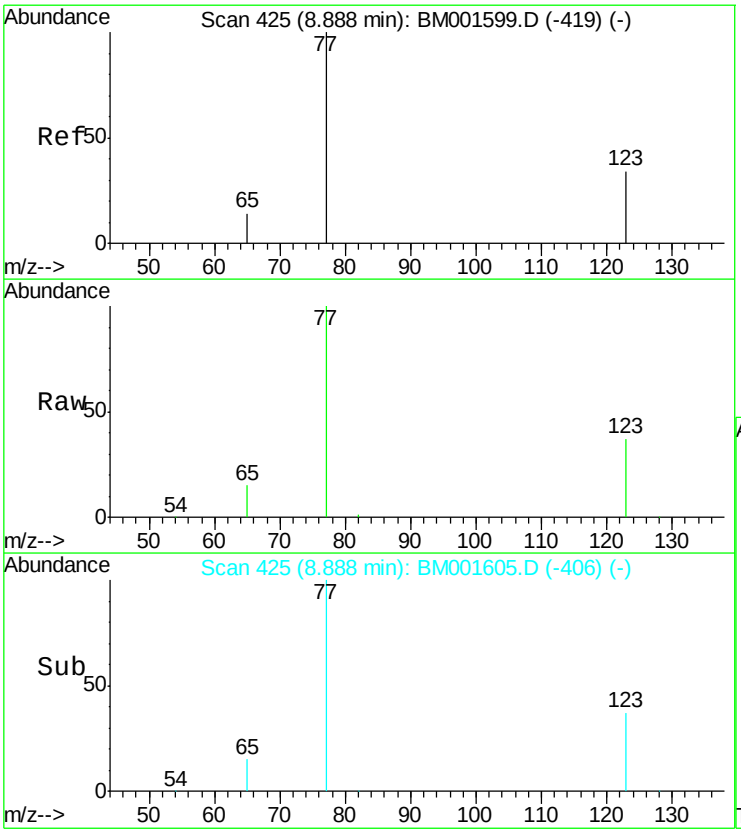
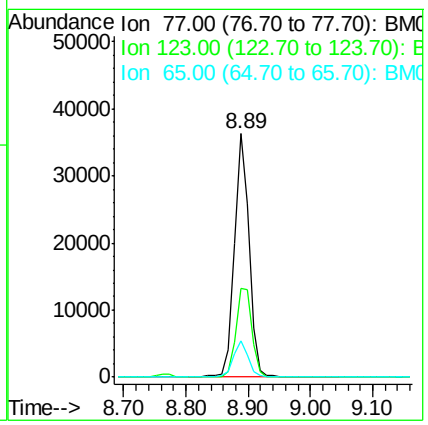
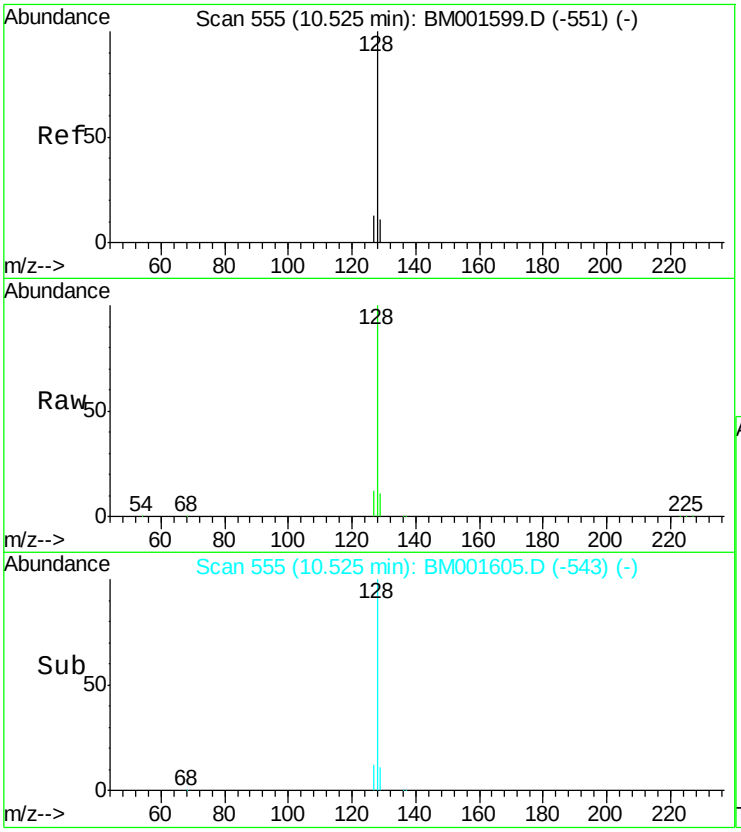



#8
Nitrobenzene
Concen: 11.11 ng
RT: 8.89 min Scan# 425
Delta R.T. 0.00 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion: 77 Resp: 59405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 40.2 | 31.0 | 46.6 |
| 65 | 14.6 | 11.4 | 17.0 |

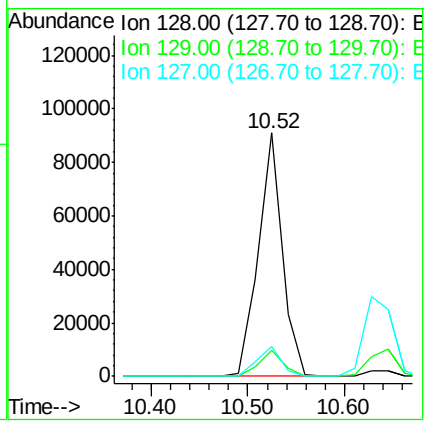





#9
Naphthalene
Concen: 9.87 ng
RT: 10.52 min Scan# 555
Delta R.T. 0.00 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:128 Resp: 156309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.9 | 9.1 | 13.7 |
| 127 | 12.4 | 10.4 | 15.6 |




**Instrument :**
BNA_M
**ClientSampleId :**
PB83718BS

**Manual Integrations APPROVED**
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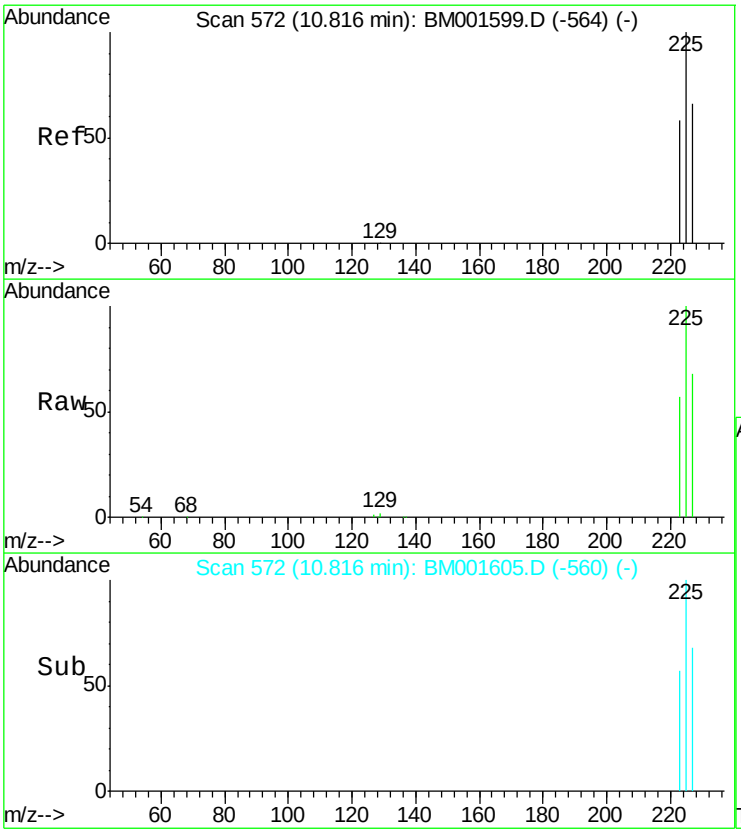
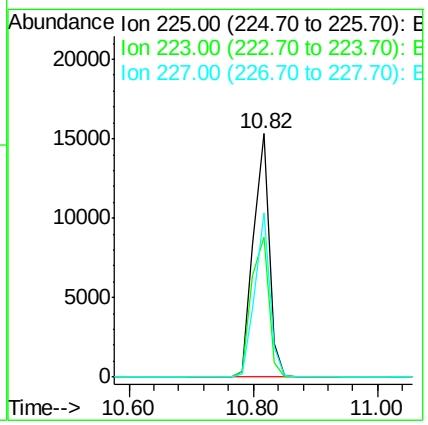
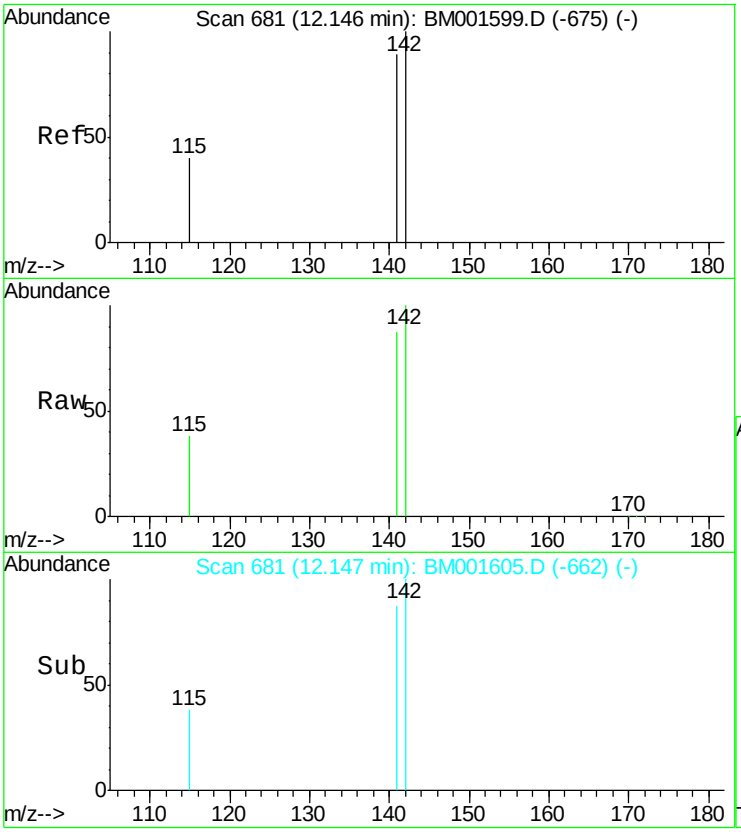



#10
Hexachlorobutadiene
Concen: 9.82 ng
RT: 10.82 min Scan# 572
Delta R.T. 0.00 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:225 Resp: 26773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.6 | 49.8 | 74.8 |
| 227 | 63.8 | 50.9 | 76.3 |

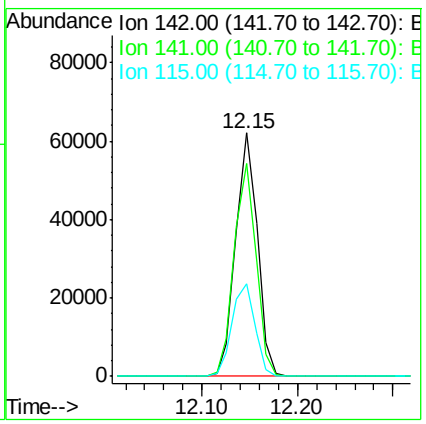





#11
2-Methylnaphthalene
Concen: 10.10 ng
RT: 12.15 min Scan# 681
Delta R.T. -0.01 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:142 Resp: 97926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.3 | 71.3 | 106.9 |
| 115 | 38.1 | 32.1 | 48.1 |




**Instrument :**
BNA_M
**ClientSampleId :**
PB83718BS

**Manual Integrations APPROVED**
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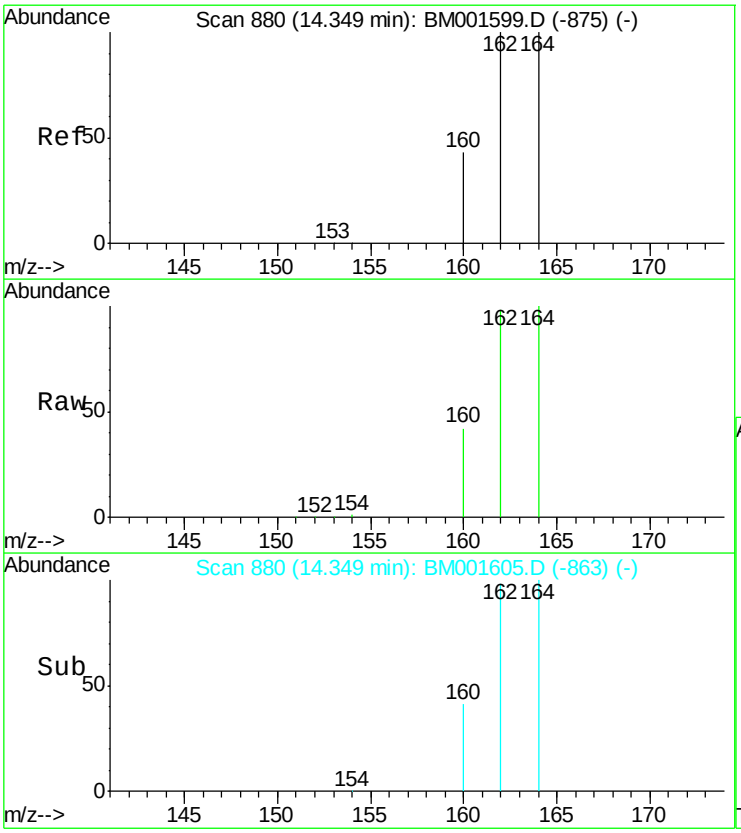
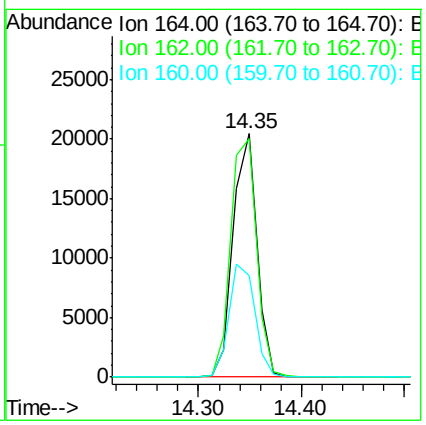
6/10/2015 1:04:40 PM

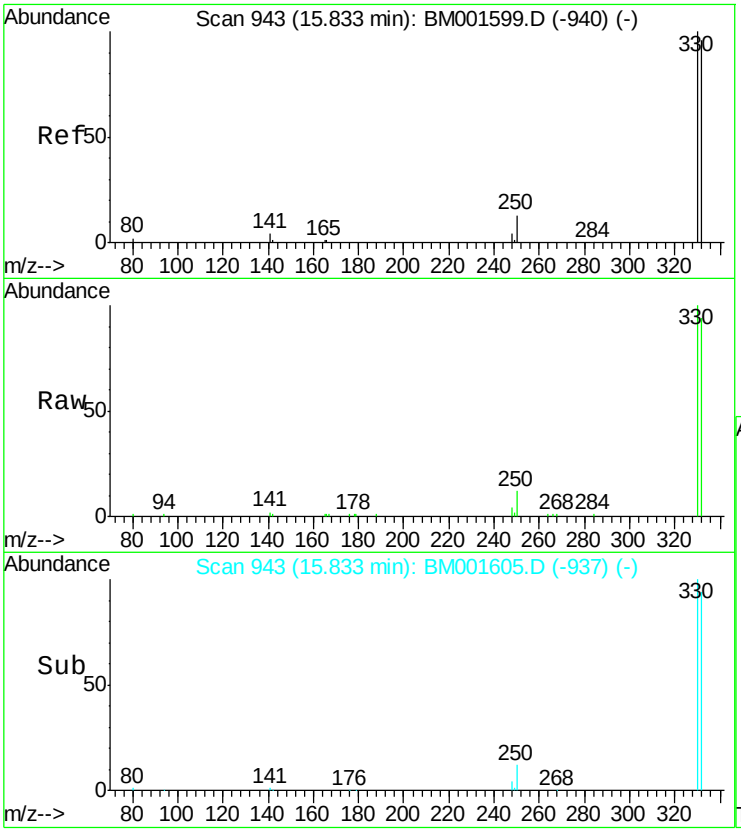



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.35 min Scan# 880
Delta R.T. 0.01 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:164 Resp: 32273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 97.9 | 79.8 | 119.6 |
| 160 | 41.5 | 34.6 | 51.8 |

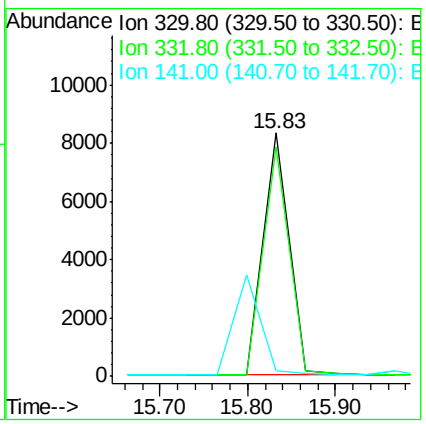





#13
2,4,6-Tribromophenol
Concen: 11.12 ng
RT: 15.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:330 Resp: 17292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.5 | 76.7 | 115.1 |
| 141 | 0.0 | 0.0 | 0.0 |




**Instrument :**
BNA_M
**ClientSampleId :**
PB83718BS

**Manual Integrations APPROVED**
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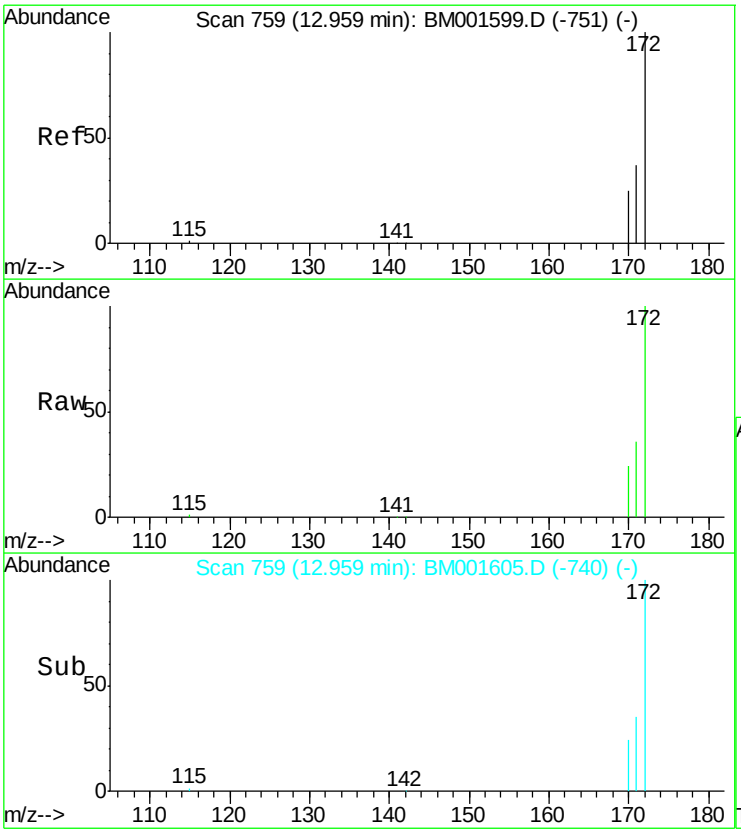
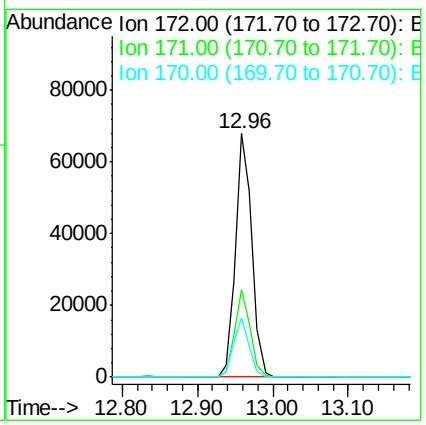
6/10/2015 1:04:40 PM

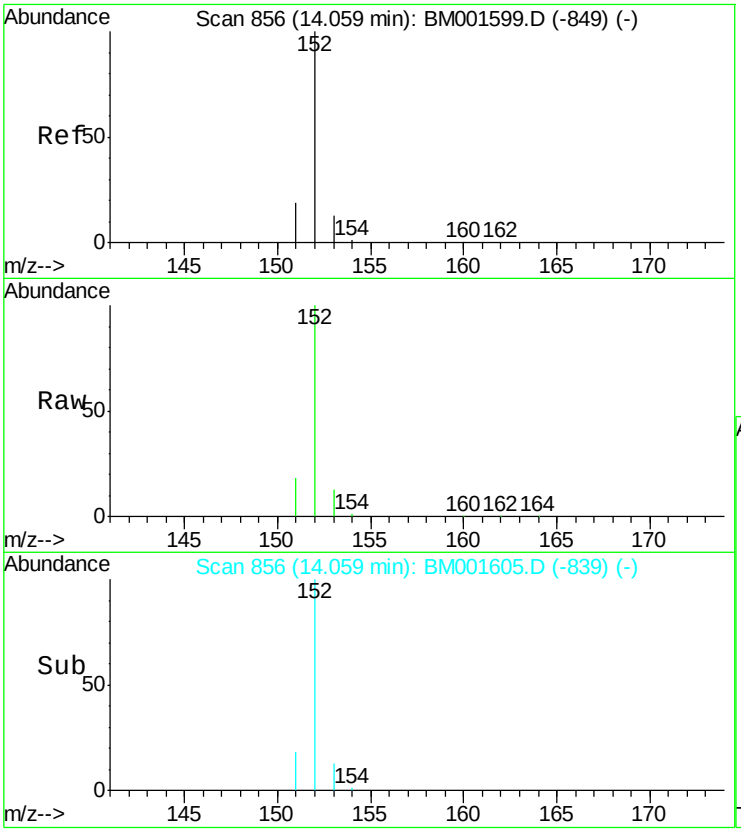



#14
2-Fluorobiphenyl
Concen: 9.77 ng
RT: 12.96 min Scan# 759
Delta R.T. -0.01 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:172 Resp: 102658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.9 | 29.6 | 44.4 |
| 170 | 24.4 | 20.6 | 31.0 |

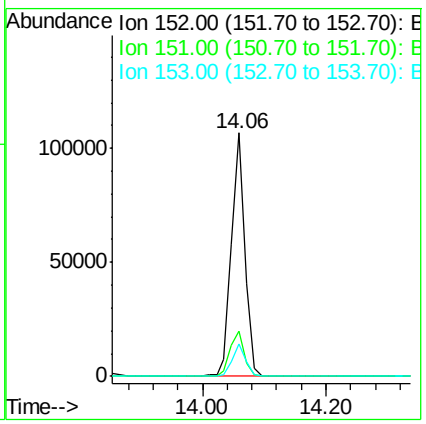





#15
Acenaphthylene
Concen: 10.95 ng
RT: 14.06 min Scan# 856
Delta R.T. 0.01 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:152 Resp: 158595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.1 | 15.5 | 23.3 |
| 153 | 12.9 | 10.3 | 15.5 |




**Instrument :**
BNA_M
**ClientSampleId :**
PB83718BS

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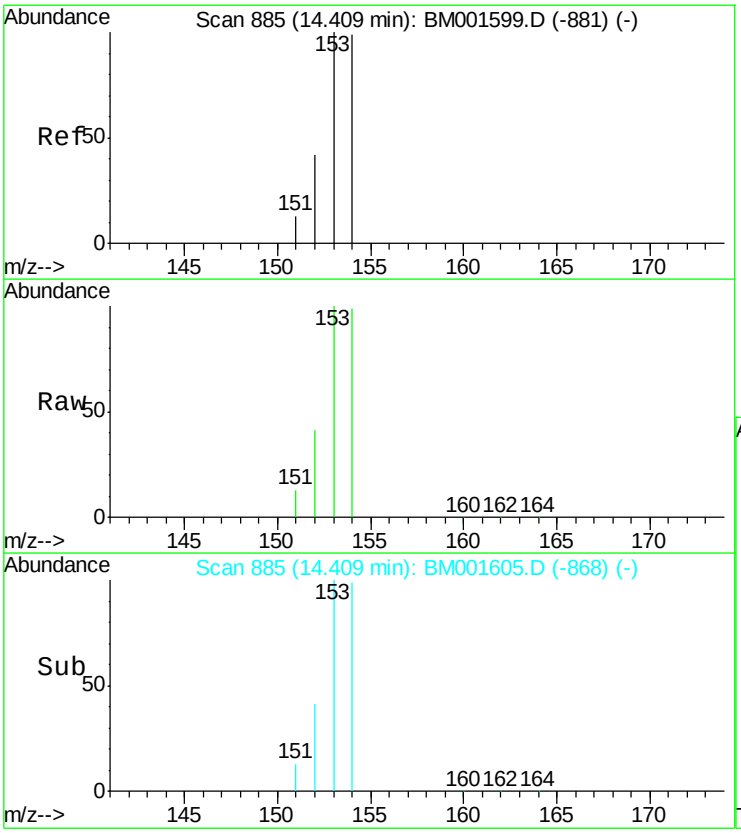
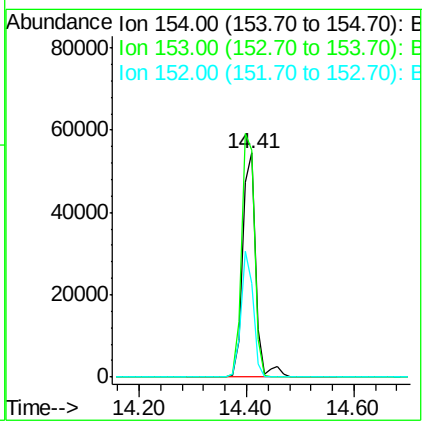
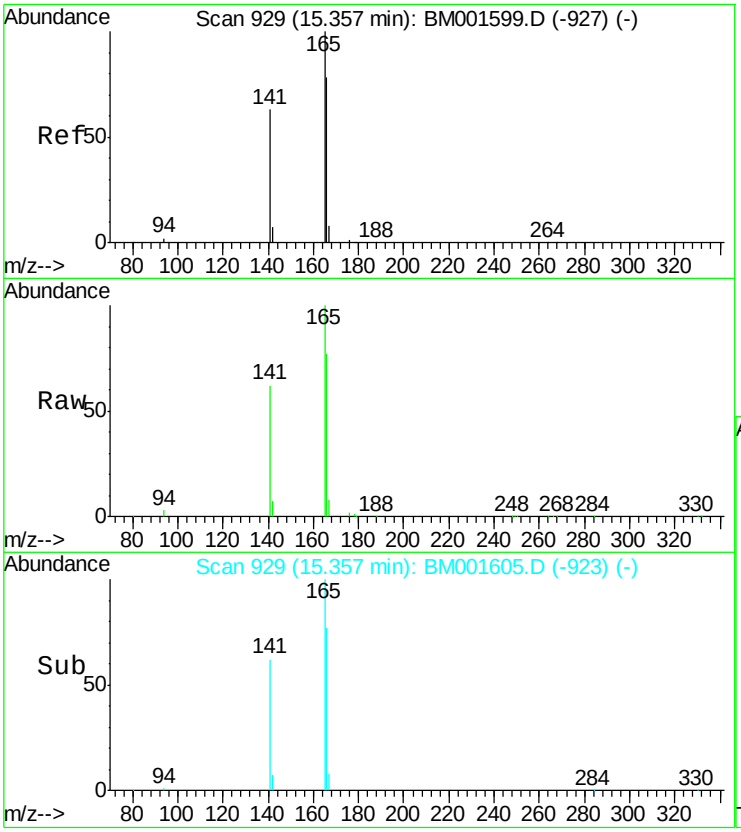



#16
Acenaphthene
Concen: 10.23 ng
RT: 14.41 min Scan# 885
Delta R.T. 0.01 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:154 Resp: 93197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 107.5 | 89.4 | 134.0 |
| 152 | 51.4 | 43.6 | 65.4 |

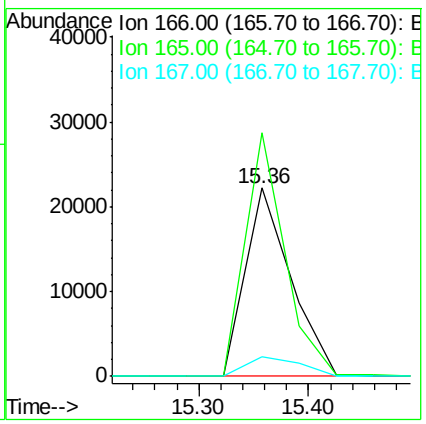





#17
Fluorene
Concen: 10.19 ng
RT: 15.36 min Scan# 929
Delta R.T. -0.01 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:166 Resp: 62899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 112.1 | 87.8 | 131.8 |
| 167 | 12.4 | 10.0 | 15.0 |




**Instrument :**
BNA_M
**ClientSampleId :**
PB83718BS

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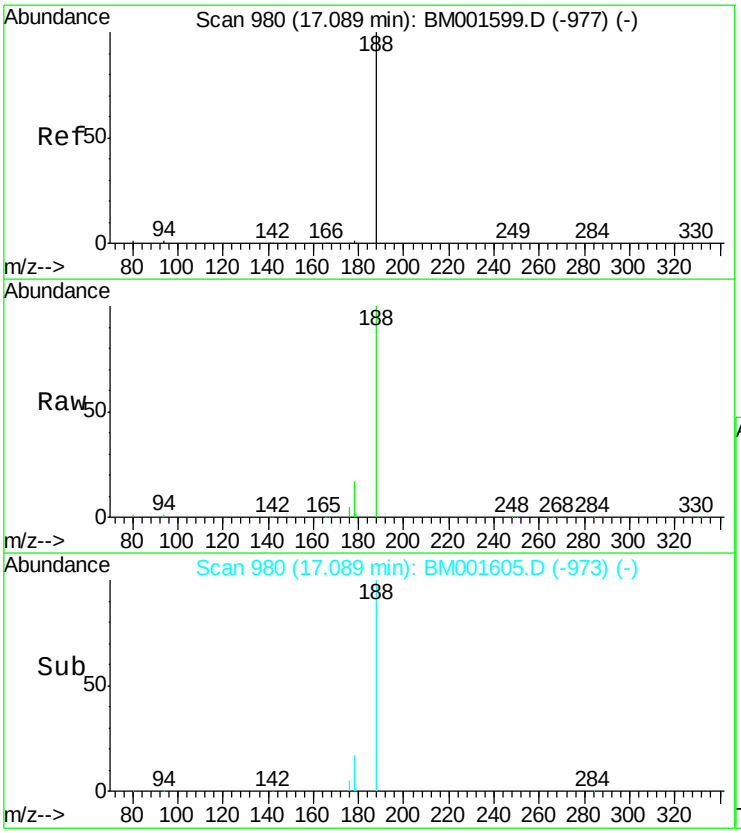
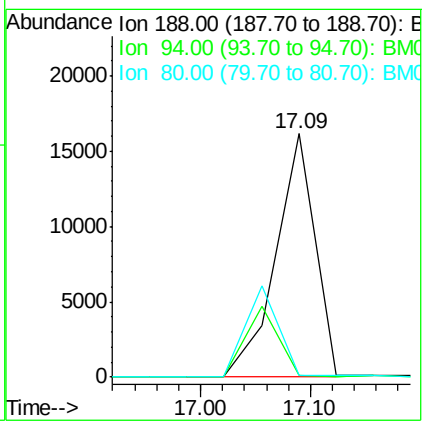
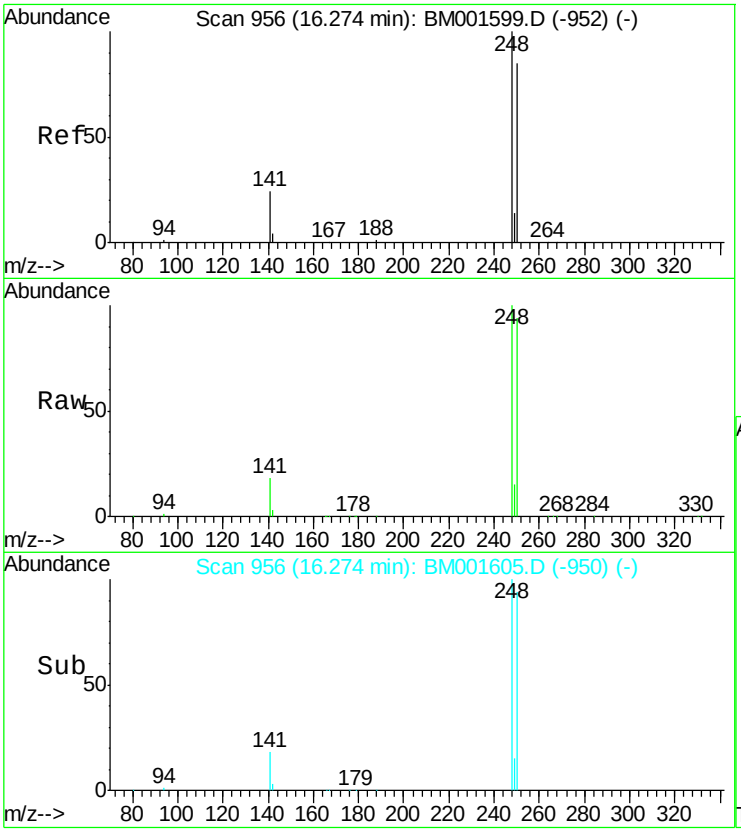



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.09 min Scan# 980
Delta R.T. 0.03 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:188 Resp: 39844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.7 | 1.0 | 1.6# |
| 80 | 0.7 | 1.0 | 1.4# |

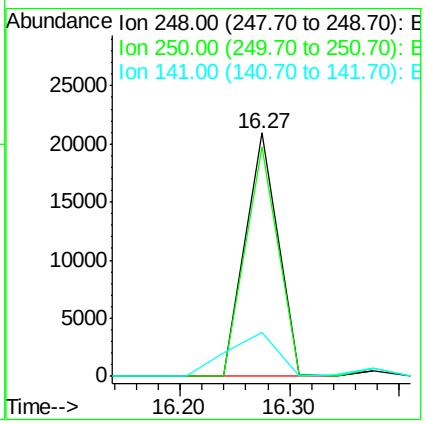





#19
4-Bromophenyl-phenylether
Concen: 11.31 ng
RT: 16.27 min Scan# 956
Delta R.T. -0.01 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:248 Resp: 42765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 94.2 | 68.6 | 103.0 |
| 141 | 27.8 | 25.5 | 38.3 |




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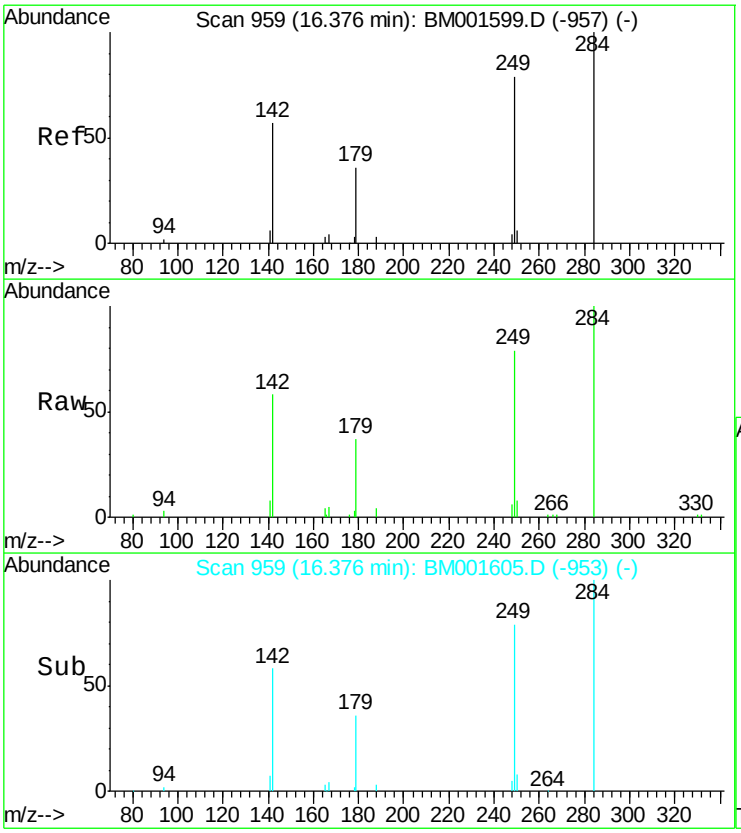
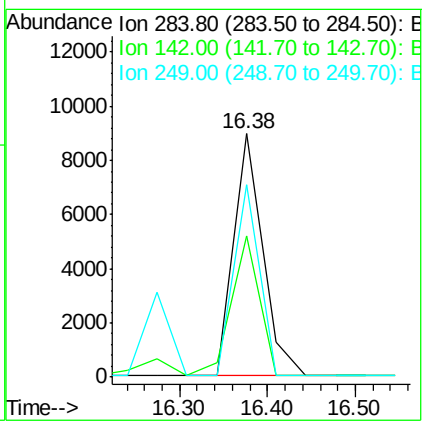
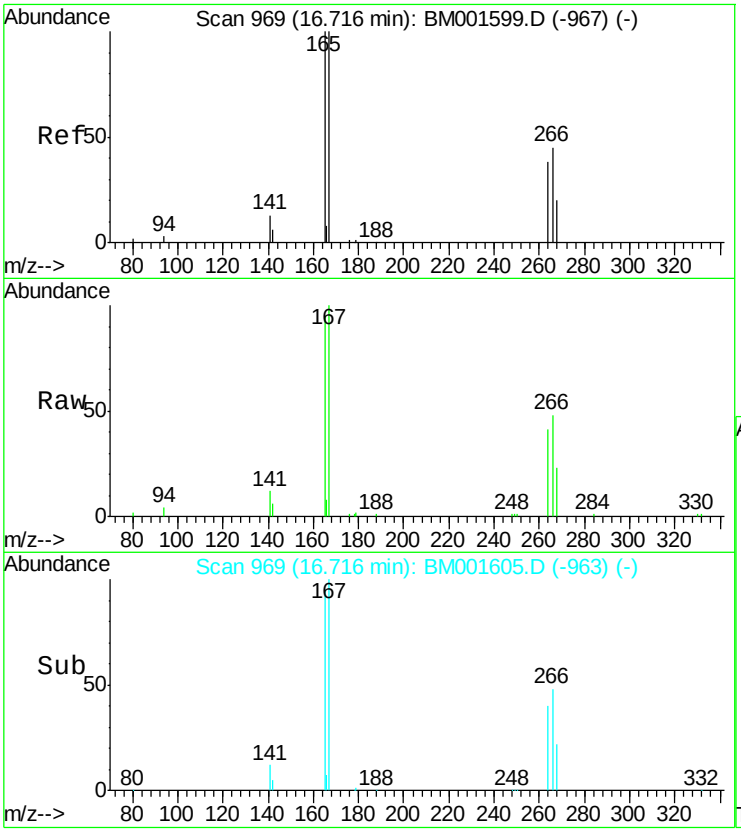



#20
Hexachlorobenzene
Concen: 10.07 ng
RT: 16.38 min Scan# 959
Delta R.T. -0.01 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:284 Resp: 20808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 55.6 | 47.3 | 70.9 |
| 249 | 69.2 | 75.8 | 113.6# |

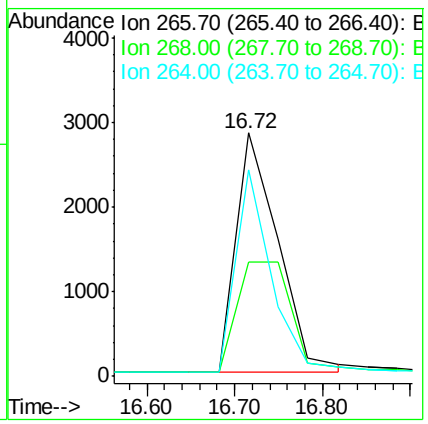





#21
Pentachlorophenol
Concen: 13.73 ng
RT: 16.72 min Scan# 969
Delta R.T. -0.01 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:266 Resp: 9495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 47.2 | 45.8 | 68.8 |
| 264 | 84.6 | 70.6 | 106.0 |




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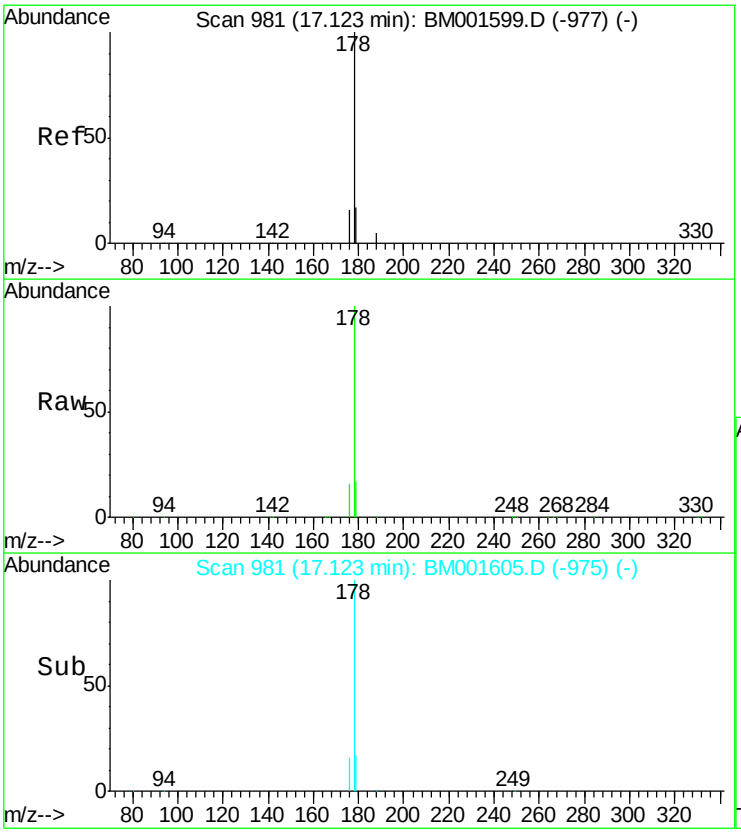
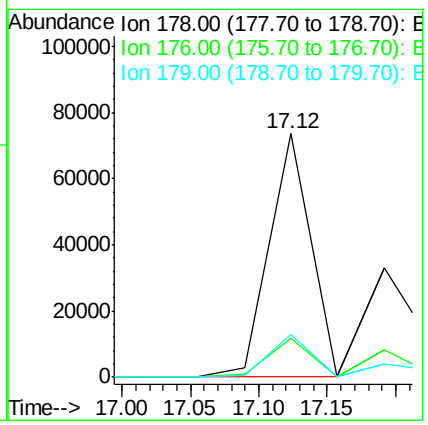
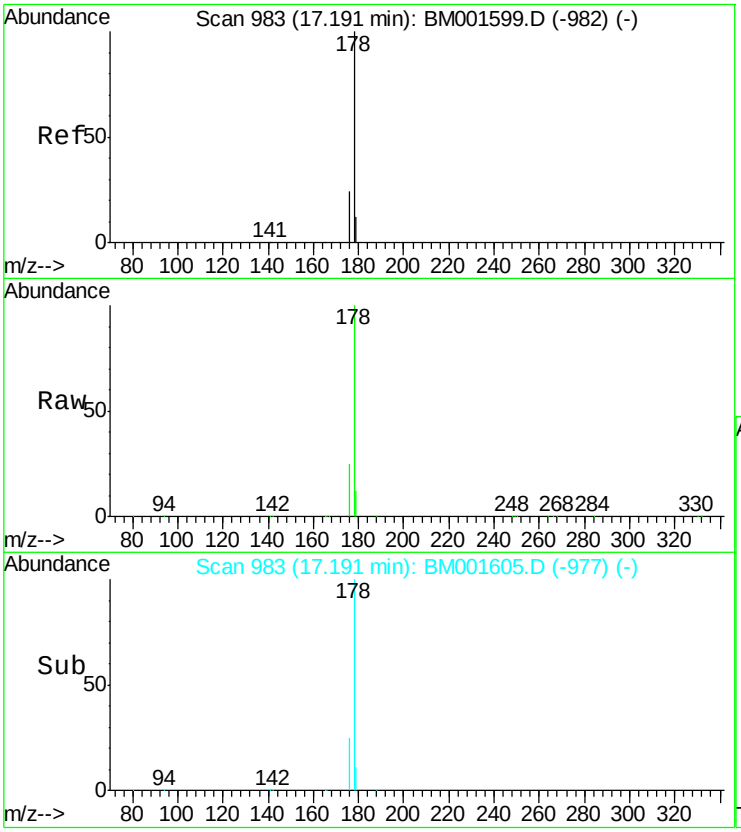



#22
Phenanthrene
Concen: 10.98 ng m
RT: 17.12 min Scan# 981
Delta R.T. -0.01 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:178 Resp: 156154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 28.8 | 13.2 | 19.8# |
| 179 | 24.8 | 13.8 | 20.8# |

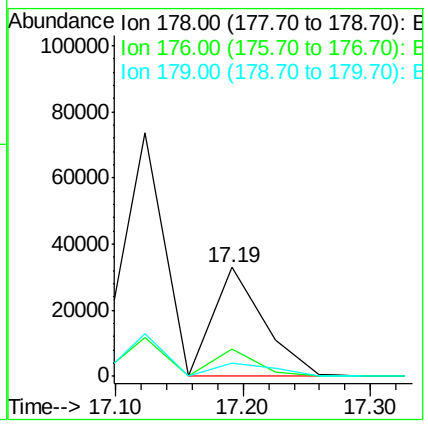





#23
Anthracene
Concen: 10.72 ng m
RT: 17.19 min Scan# 983
Delta R.T. -0.01 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:178 Resp: 90451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 47.5 | 21.9 | 32.9# |
| 179 | 42.0 | 23.0 | 34.4# |




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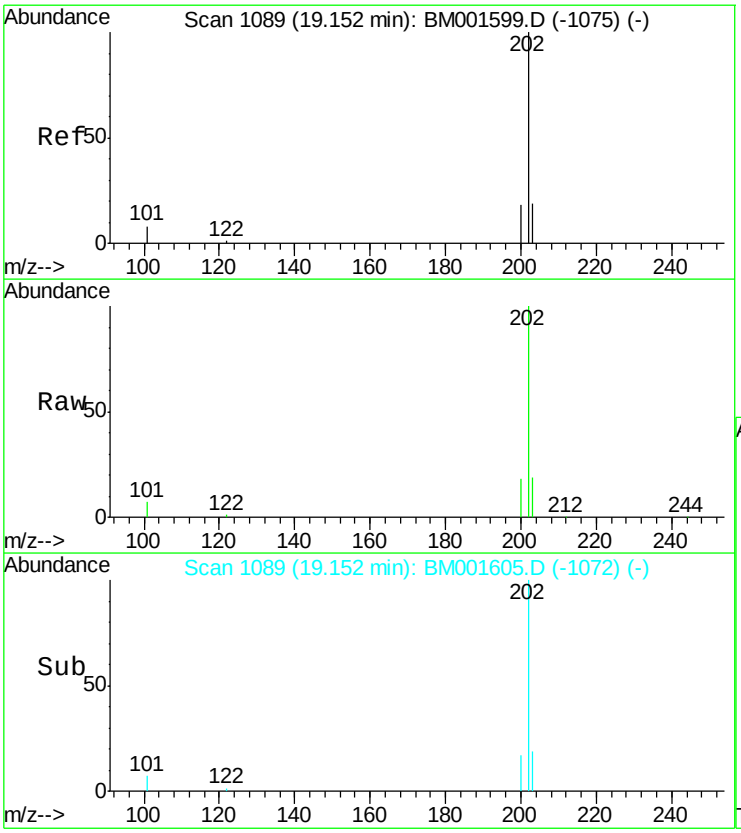
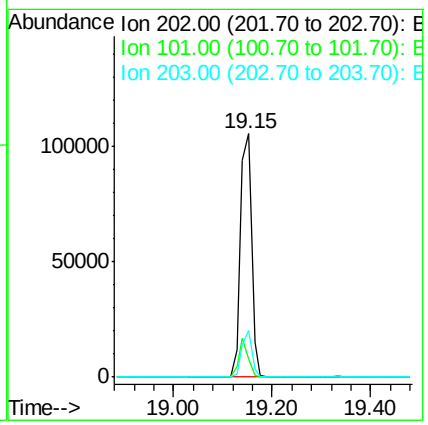
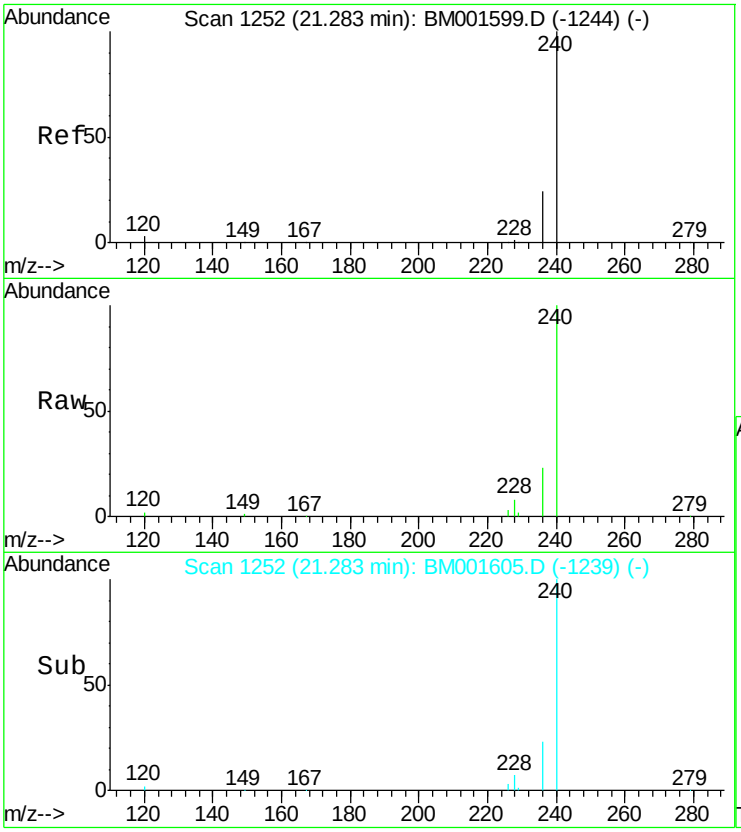



#24
Fluoranthene
Concen: 10.81 ng
RT: 19.15 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:202 Resp: 166513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.1 | 10.4 | 15.6 |
| 203 | 17.3 | 13.8 | 20.6 |






#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:240 Resp: 53646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 2.2 | 2.2 | 3.4# |
| 236 | 23.2 | 19.6 | 29.4 |

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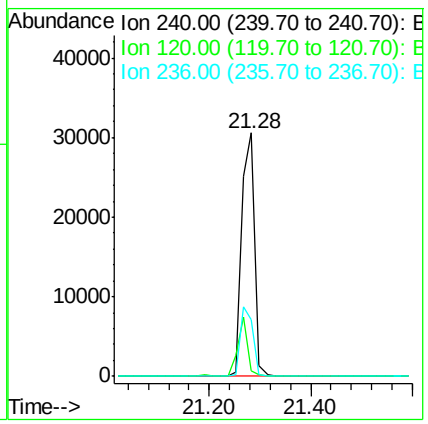
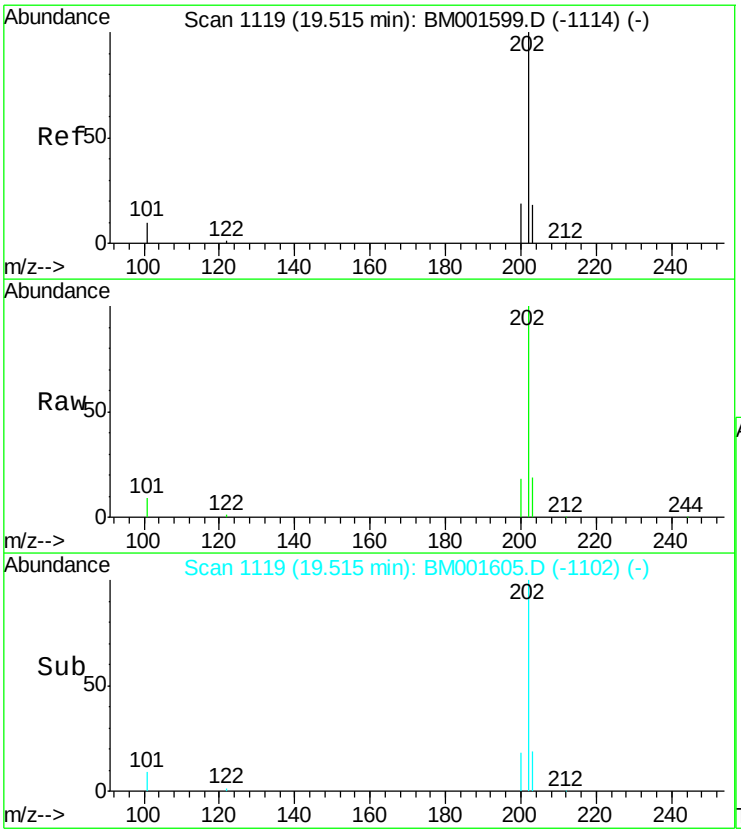
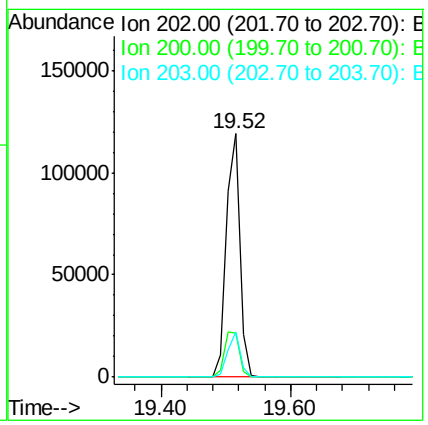


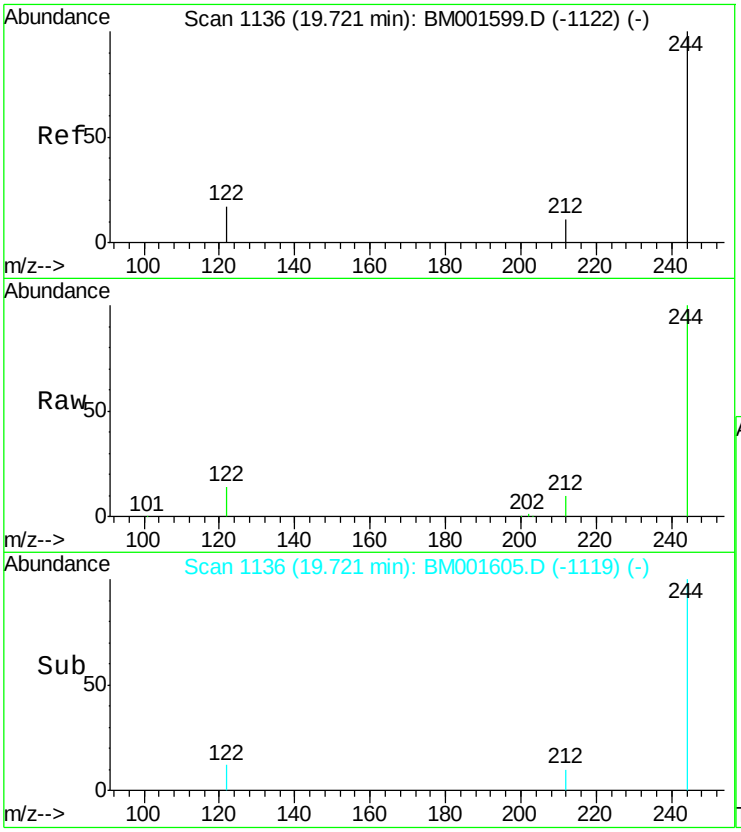




#26
Pyrene
Concen: 10.18 ng
RT: 19.52 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:202 Resp: 176932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.6 | 16.7 | 25.1 |
| 203 | 17.3 | 14.0 | 21.0 |






#27
Terphenyl-d14
Concen: 9.92 ng
RT: 19.72 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:244 Resp: 69468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 10.1 | 9.2 | 13.8 |
| 122 | 13.9 | 14.5 | 21.7# |

**Instrument :**
BNA_M
**ClientSampleId :**
PB83718BS

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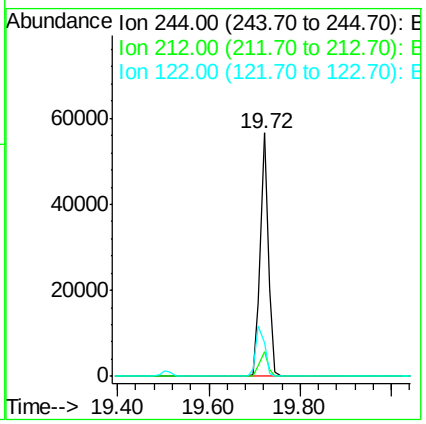
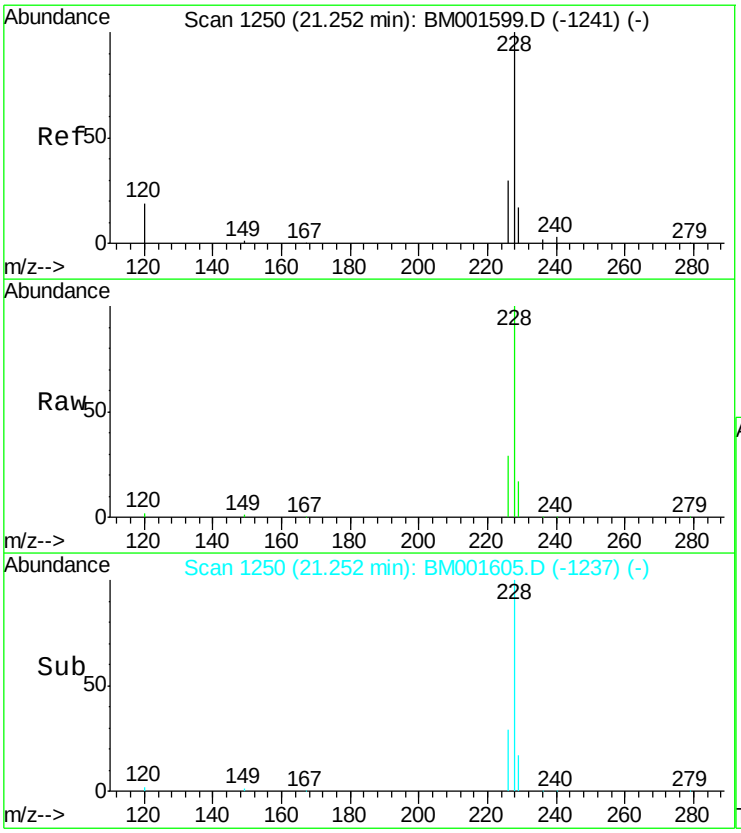
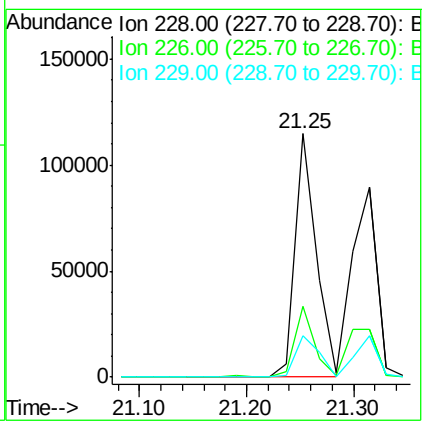


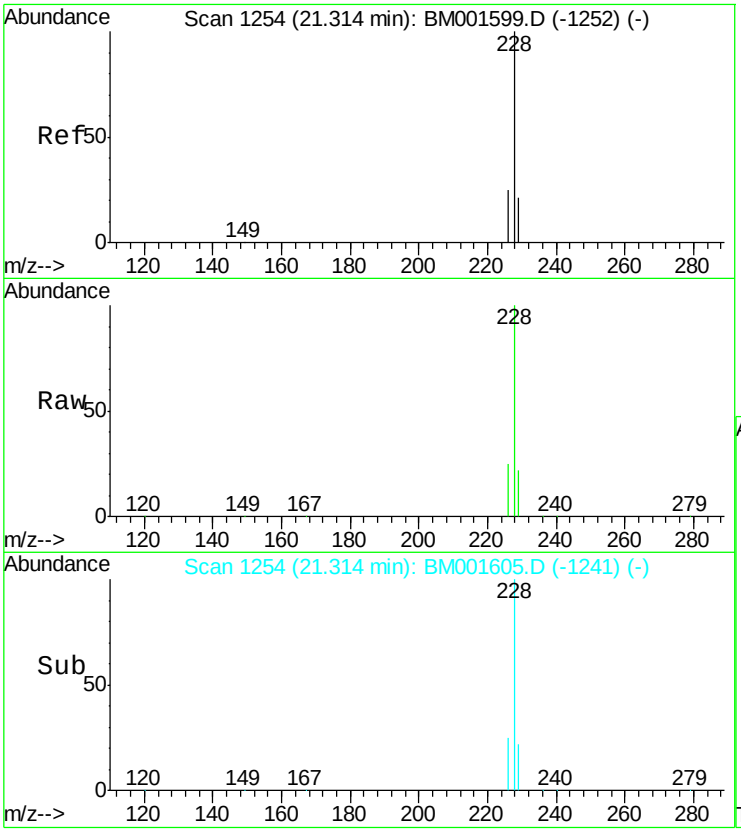




#28
Benzo(a)anthracene
Concen: 10.03 ng
RT: 21.25 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:228 Resp: 157128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.3 | 24.6 | 37.0 |
| 229 | 17.1 | 13.8 | 20.8 |

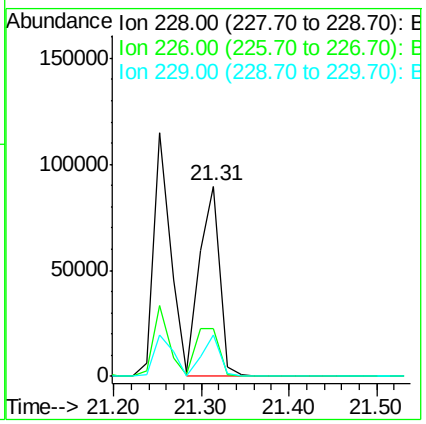





#29
Chrysene
Concen: 9.64 ng
RT: 21.31 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:228 Resp: 142818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 25.4 | 20.6 | 31.0 |
| 229 | 22.0 | 17.4 | 26.2 |




**Instrument :**
BNA_M
**ClientSampleId :**
PB83718BS

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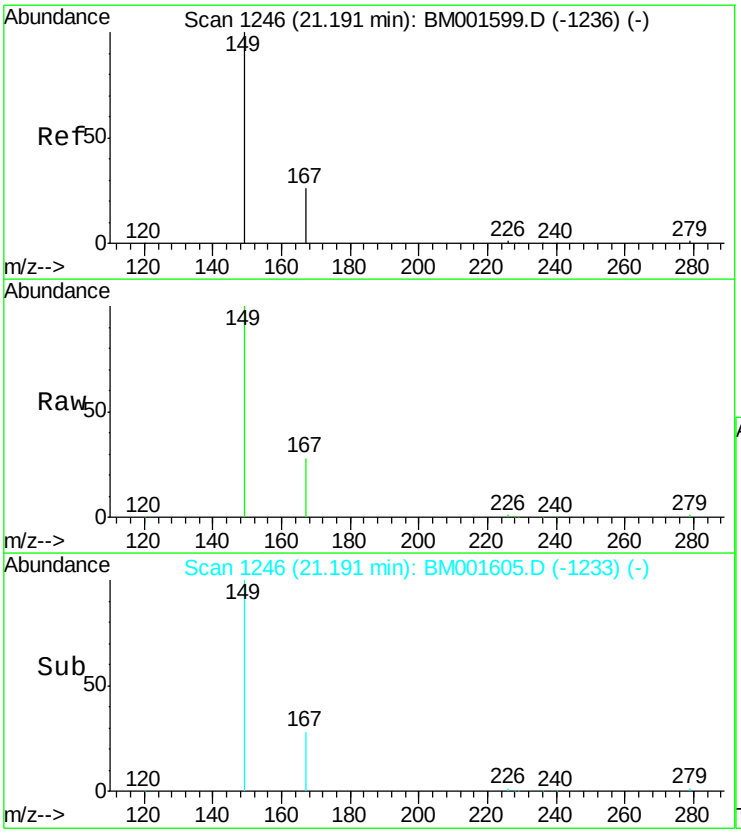
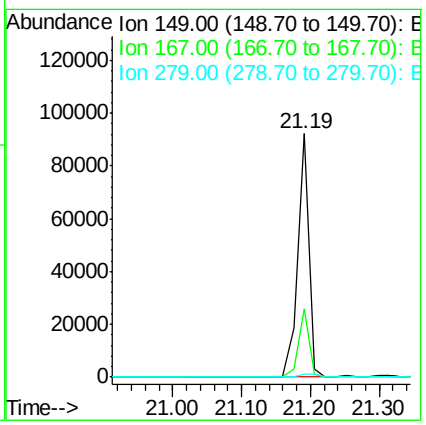
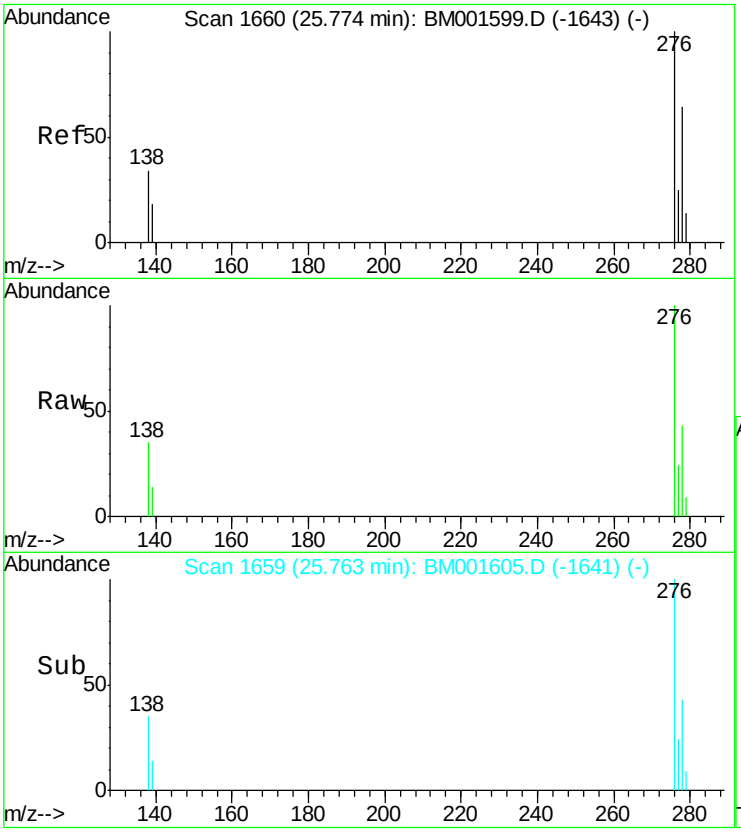



#30
Bis(2-ethylhexyl)phthalate
Concen: 11.67 ng
RT: 21.19 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:149 Resp: 105687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.4 | 20.2 | 30.4 |
| 279 | 1.9 | 1.7 | 2.5 |

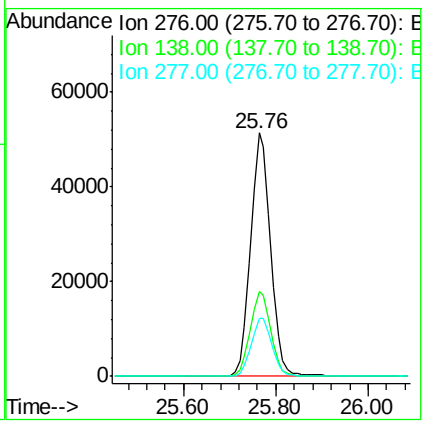





#31
Indeno(1,2,3-cd)pyrene
Concen: 10.25 ng
RT: 25.76 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:276 Resp: 154195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 35.9 | 28.2 | 42.2 |
| 277 | 24.5 | 19.4 | 29.2 |




**Instrument :**
BNA_M
**ClientSampleId :**
PB83718BS

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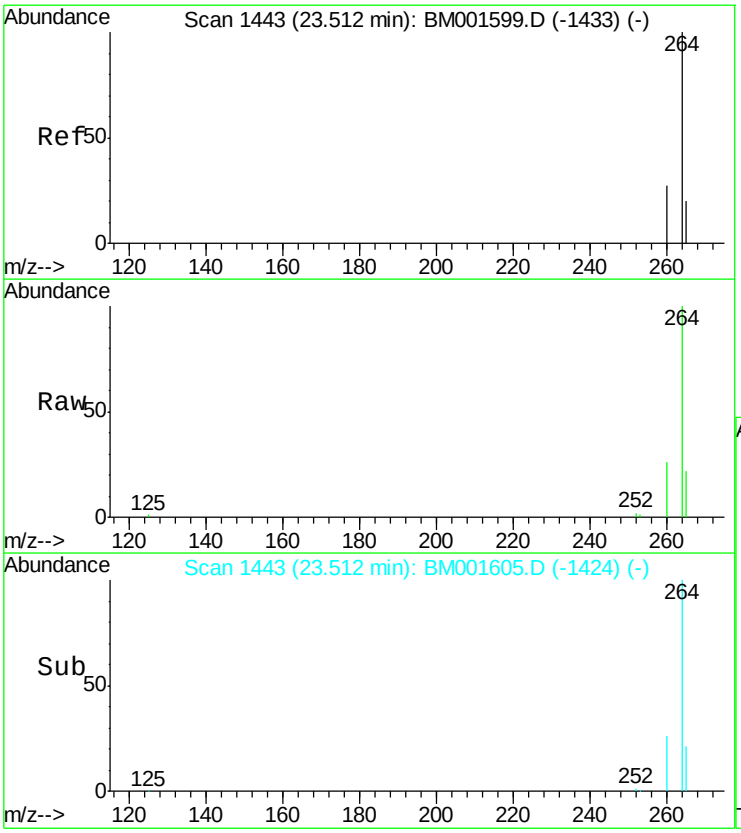
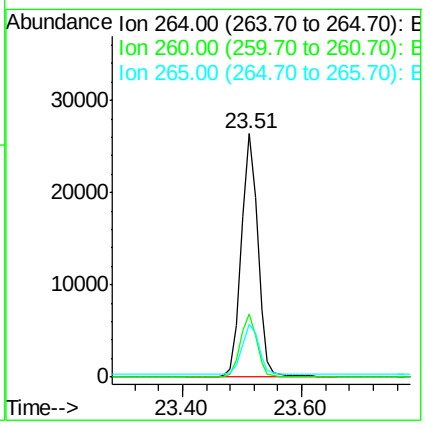
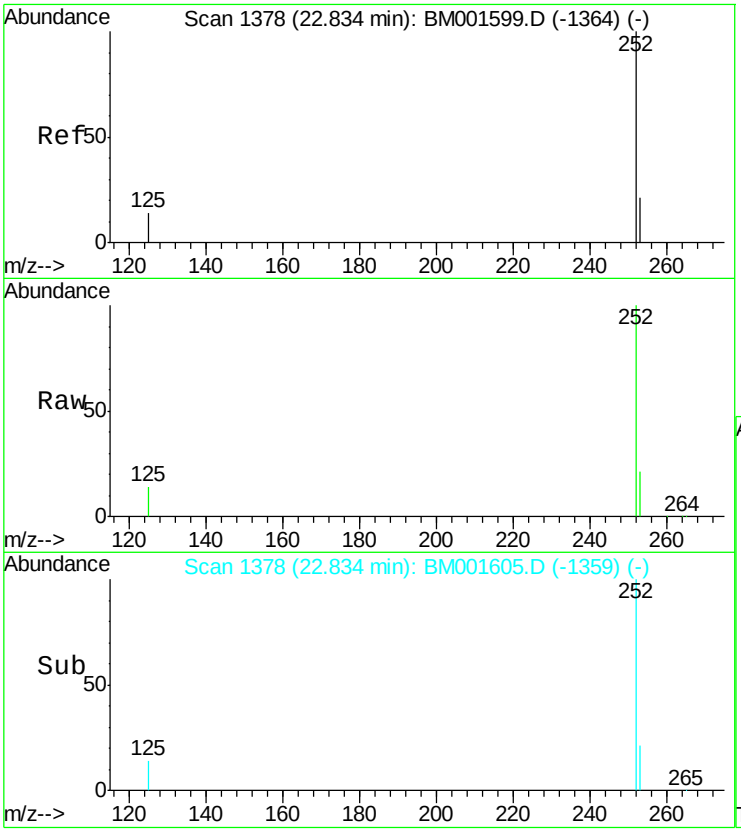



#32
Perylene-d12
Concen: 5.00 ng
RT: 23.51 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:264 Resp: 49953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.8 | 21.8 | 32.6 |
| 265 | 21.8 | 16.8 | 25.2 |

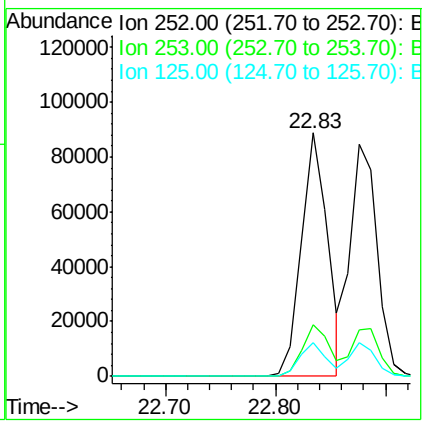





#33
Benzo(b)fluoranthene
Concen: 9.76 ng
RT: 22.83 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:252 Resp: 146604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.2 | 17.6 | 26.4 |
| 125 | 14.0 | 12.4 | 18.6 |




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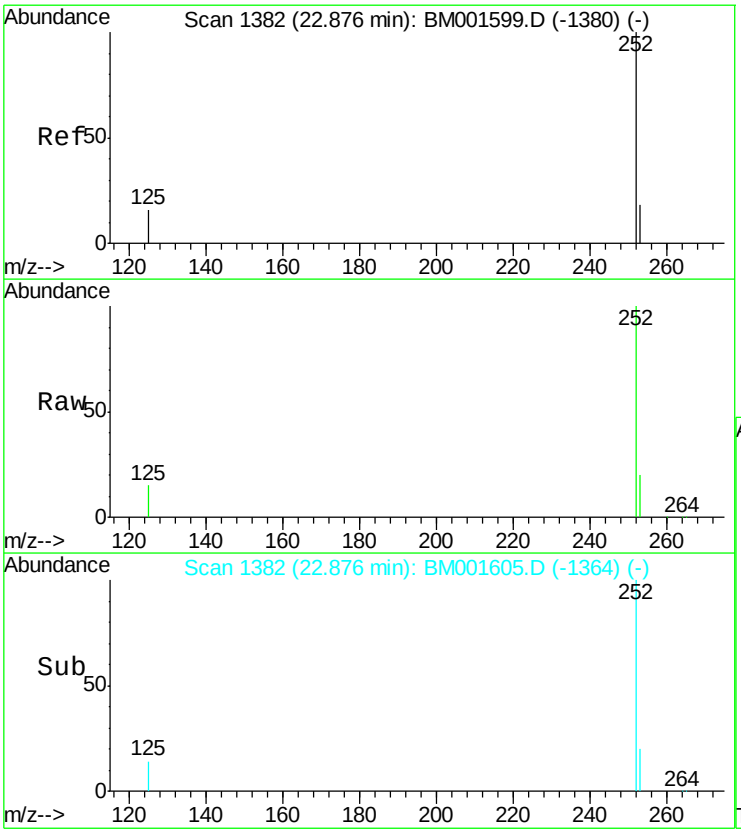
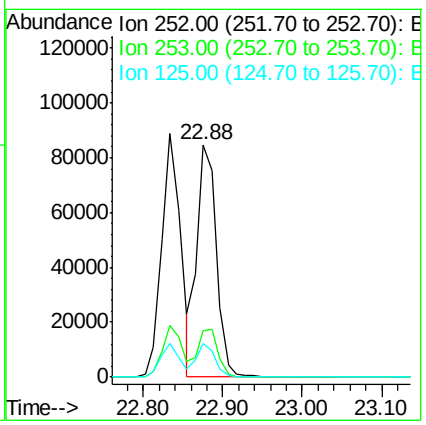
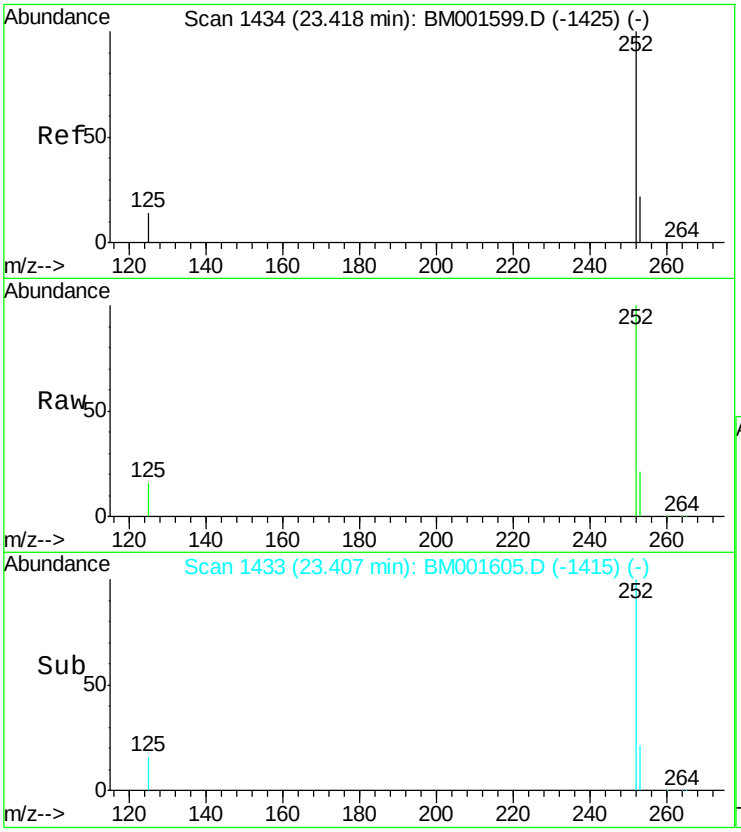



#34
Benzo(k)fluoranthene
Concen: 9.89 ng
RT: 22.88 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:252 Resp: 143182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 20.2 | 17.1 | 25.7 |
| 125 | 14.6 | 12.8 | 19.2 |

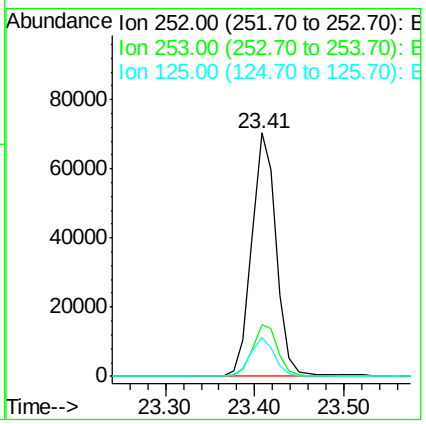





#35
Benzo(a)pyrene
Concen: 10.01 ng
RT: 23.41 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:252 Resp: 132711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 20.9 | 19.4 | 29.0 |
| 125 | 15.8 | 13.0 | 19.6 |




**Instrument :**
BNA_M
**ClientSampleId :**
PB83718BS

**Manual Integrations APPROVED**
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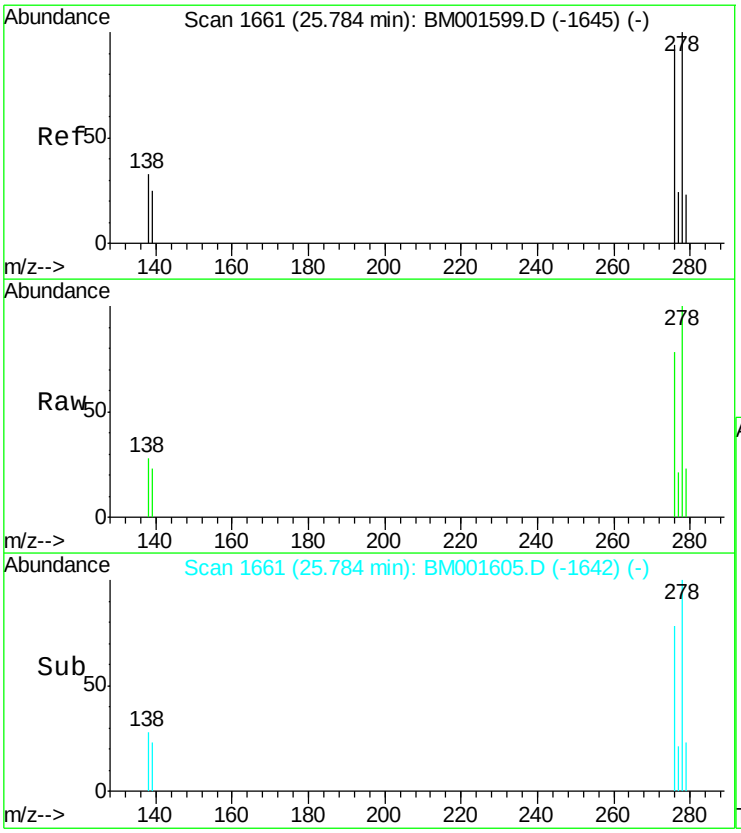
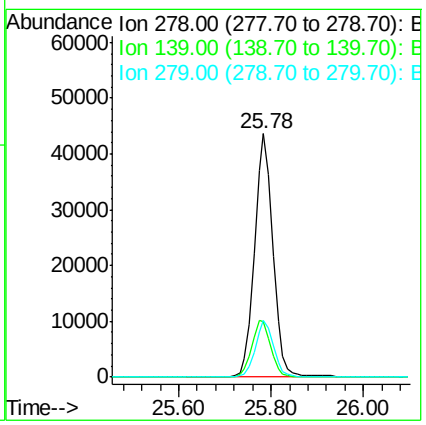
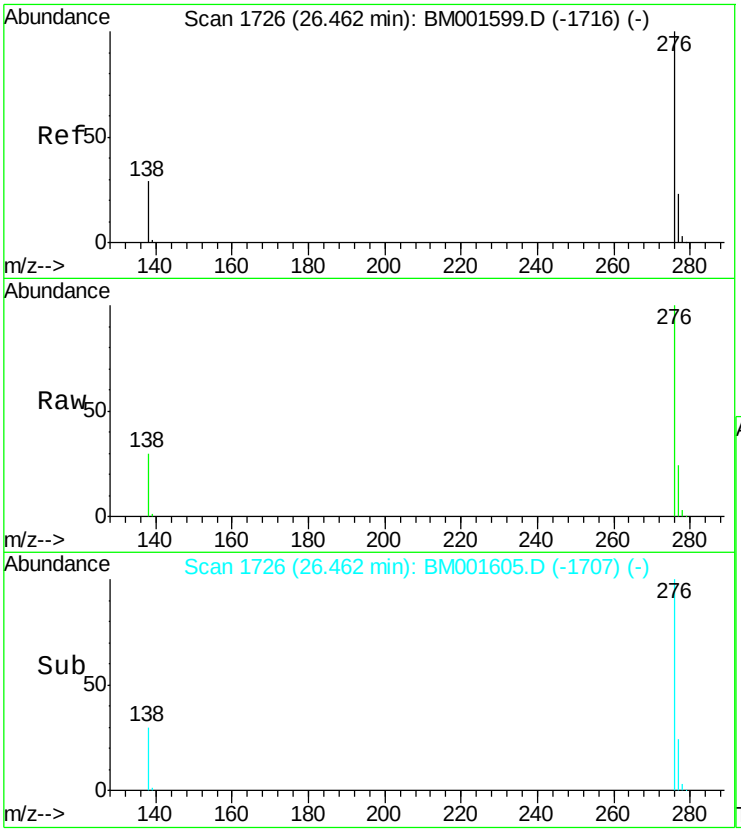



#36
Dibenzo(a,h)anthracene
Concen: 9.91 ng
RT: 25.78 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:278 Resp: 120095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 22.7 | 20.6 | 31.0 |
| 279 | 23.5 | 19.7 | 29.5 |

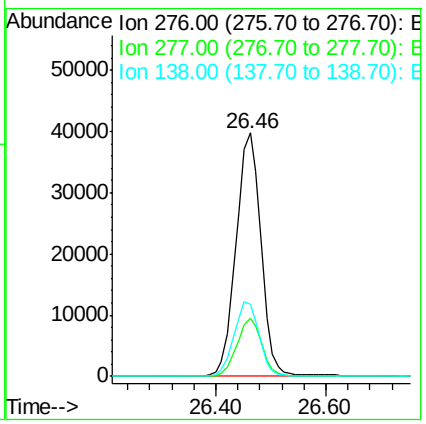





#37
Benzo(g,h,i)perylene
Concen: 9.56 ng
RT: 26.46 min Scan# 1726
Delta R.T. 0.00 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:276 Resp: 125005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.6 | 19.4 | 29.0 |
| 138 | 29.8 | 24.5 | 36.7 |




**Instrument :**
BNA_M
**ClientSampleId :**
PB83718BS

**Manual Integrations APPROVED**
apatel
6/10/2015 1:04:40 PM