Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052015\
Data File : BM001350.D
Acq On : 21 May 2015 08:00
Operator : TP/IZ
Sample : SSTDICCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Manual Integrations APPROVED
apatel
5/21/2015 8:53:10 PM

Quant Time: May 21 09:05:01 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM052015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 21 08:43:35 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.43 | 152 | 11592 | 5.00 | ng | | 0.00 |
| 6) Naphthalene-d8 | 10.20 | 136 | 47215 | 5.00 | ng | | 0.00 |
| 12) Acenaphthene-d10 | 14.11 | 164 | 29744 | 5.00 | ng | | 0.00 |
| 18) Phenanthrene-d10 | 16.85 | 188 | 61408 | 5.00 | ng | | 0.00 |
| 25) Chrysene-d12 | 21.07 | 240 | 66195 | 5.00 | ng | | 0.00 |
| 32) Perylene-d12 | 23.17 | 264 | 60824 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.02 | 112 | 2223 | 0.99 | ng | | 0.00 |
| 5) Phenol-d6 | 6.61 | 99 | 2771 | 0.96 | ng | | 0.00 |
| 7) Nitrobenzene-d5 | 8.59 | 82 | 2454 | 0.90 | ng | | 0.00 |
| 13) 2,4,6-Tribromophenol | 15.59 | 330 | 1078 | 1.17 | ng | | 0.00 |
| 14) 2-Fluorobiphenyl | 12.72 | 172 | 8829 | 1.02 | ng | | 0.00 |
| 27) Terphenyl-d14 | 19.50 | 244 | 8521 | 1.01 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.90 | 88 | 1235 | 1.17 | ng | | 100 |
| 3) n-Nitrosodimethylamine | 3.23 | 42 | 1393 | 1.00 | ng | | 100 |
| 8) Nitrobenzene | 8.63 | 77 | 2548 | 0.89 | ng | | 100 |
| 9) Naphthalene | 10.25 | 128 | 10067 | 1.03 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.54 | 225 | 1932 | 1.03 | ng | | 100 |
| 11) 2-Methylnaphthalene | 11.89 | 142 | 7061 | 1.01 | ng | | 100 |
| 15) Acenaphthylene | 13.82 | 152 | 12140 | 0.95 | ng | | 100 |
| 16) Acenaphthene | 14.17 | 154 | 7707 | 1.01 | ng | | 100 |
| 17) Fluorene | 15.15 | 166 | 6147 | 0.82 | ng | | 100 |
| 19) 4-Bromophenyl-phenylether | 16.04 | 248 | 3234 | 1.45 | ng | | 100 |
| 20) Hexachlorobenzene | 16.17 | 284 | 4529 | 1.12 | ng | # | 100 |
| 21) Pentachlorophenol | 16.51 | 266 | 1296 | 0.90 | ng | | 100 |
| 22) Phenanthrene | 16.89 | 178 | 21829m | 1.03 | ng | | |
| 23) Anthracene | 16.99 | 178 | 8957m | 1.18 | ng | | |
| 24) Fluoranthene | 18.92 | 202 | 18643 | 1.18 | ng | | 100 |
| 26) Pyrene | 19.29 | 202 | 19914 | 1.02 | ng | | 100 |
| 28) Benzo(a)anthracene | 21.04 | 228 | 17914 | 0.99 | ng | | 100 |
| 29) Chrysene | 21.10 | 228 | 17591 | 1.01 | ng | | 100 |
| 30) Bis(2-ethylhexyl)phthalate | 20.99 | 149 | 8333 | 0.82 | ng | | 100 |
| 31) Indeno(1,2,3-cd)pyrene | 25.24 | 276 | 18070 | 0.93 | ng | | 100 |
| 33) Benzo(b)fluoranthene | 22.54 | 252 | 18249 | 1.03 | ng | | 100 |
| 34) Benzo(k)fluoranthene | 22.58 | 252 | 16367 | 0.97 | ng | | 100 |
| 35) Benzo(a)pyrene | 23.07 | 252 | 15260 | 0.97 | ng | | 100 |
| 36) Dibenzo(a,h)anthracene | 25.25 | 278 | 13958 | 0.94 | ng | | 100 |
| 37) Benzo(g,h,i)perylene | 25.88 | 276 | 14931 | 0.95 | ng | | 100 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052015\
Data File : BM001350.D
Acq On : 21 May 2015 08:00
Operator : TP/IZ
Sample : SSTDICCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 21 09:05:01 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM052015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 21 08:43:35 2015
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICCC001

**Manual Integrations APPROVED**
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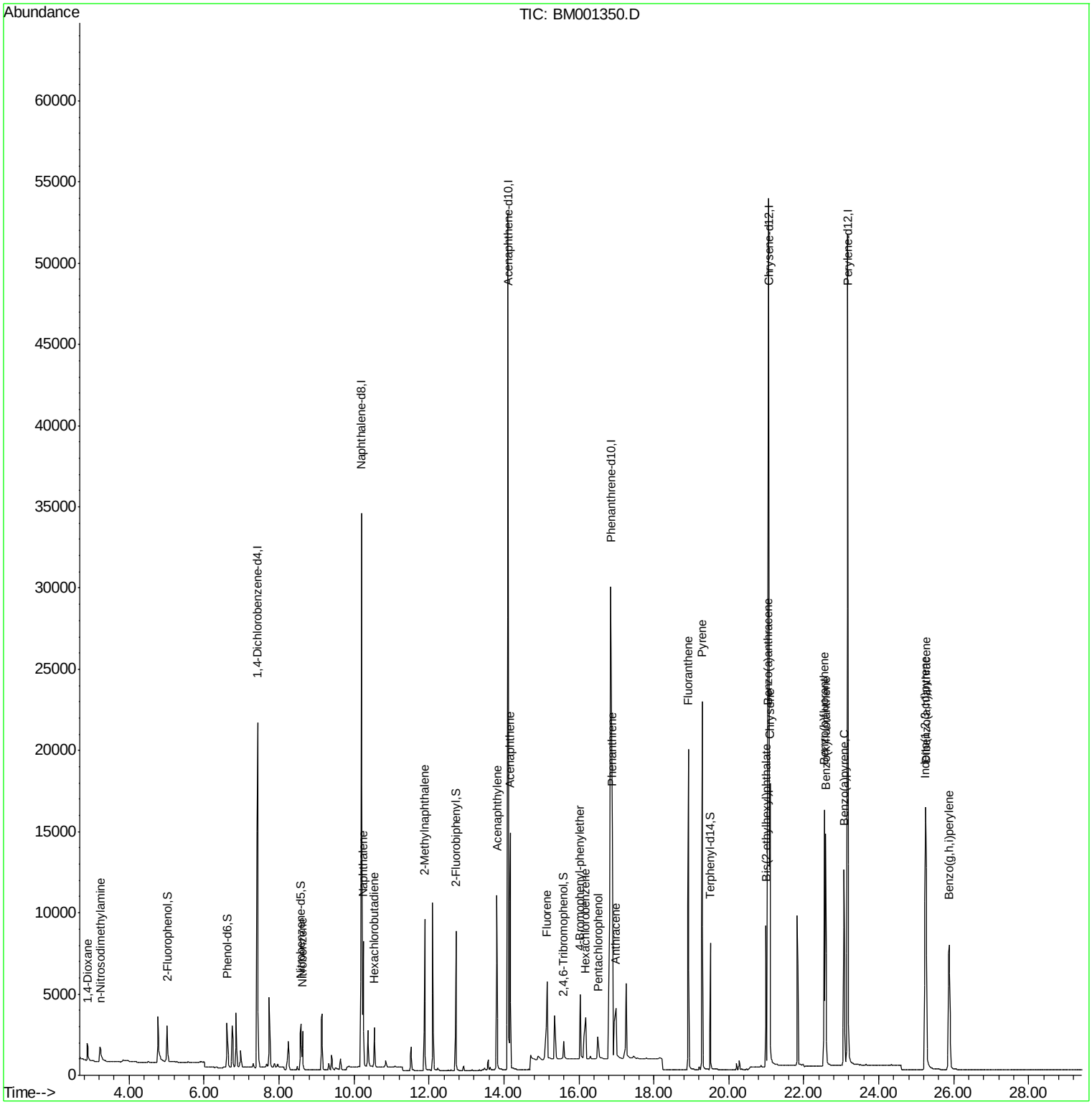
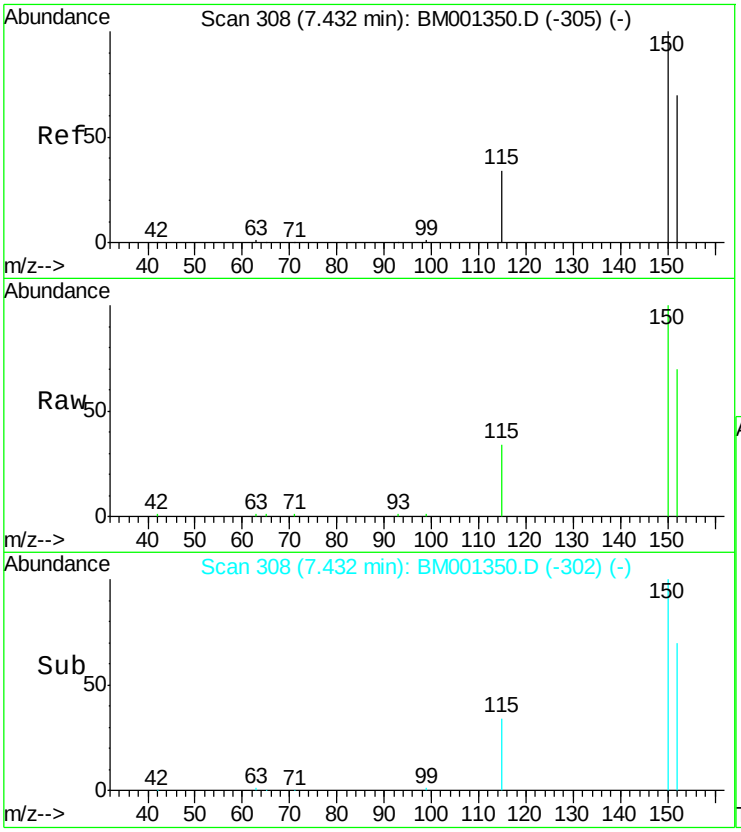
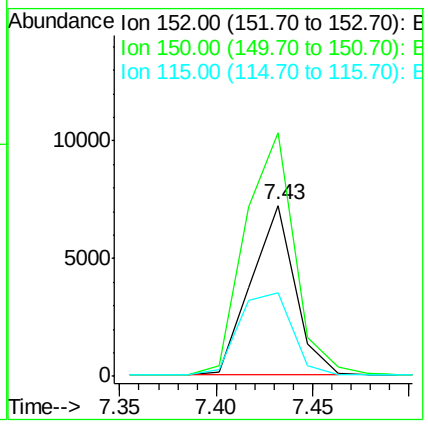





#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.43 min Scan# 308
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:152 Resp: 11592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 142.6 | 114.1 | 171.1 |
| 115 | 49.0 | 39.2 | 58.8 |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICCC001

**Manual Integrations APPROVED**
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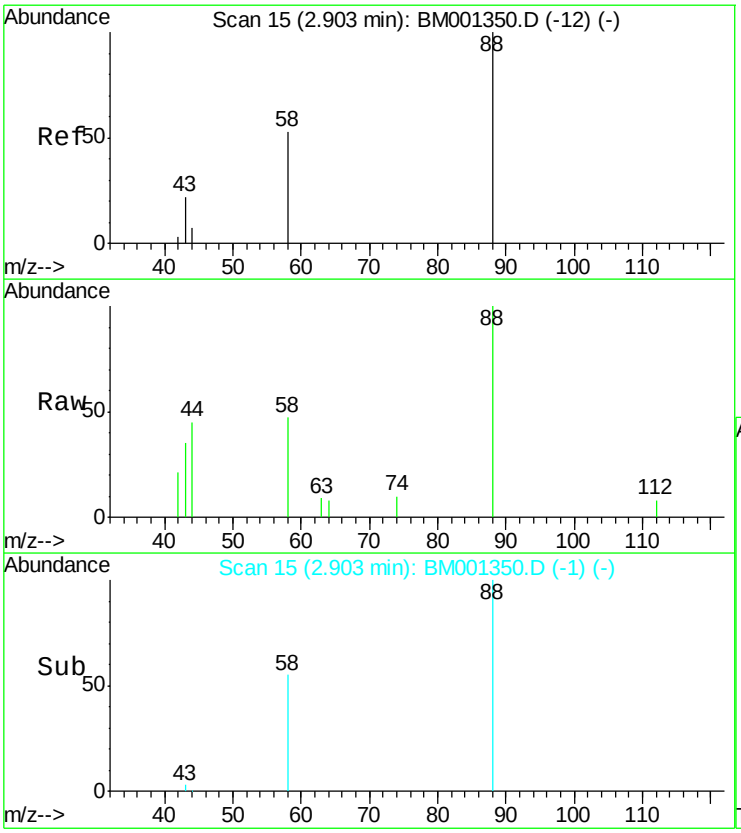
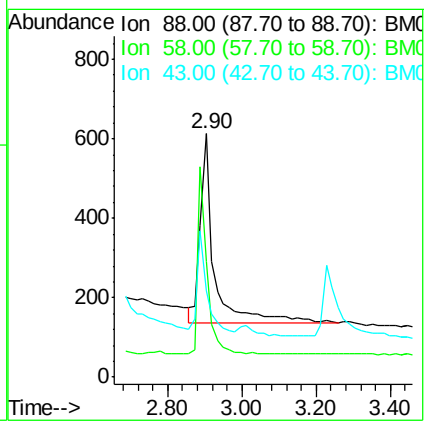
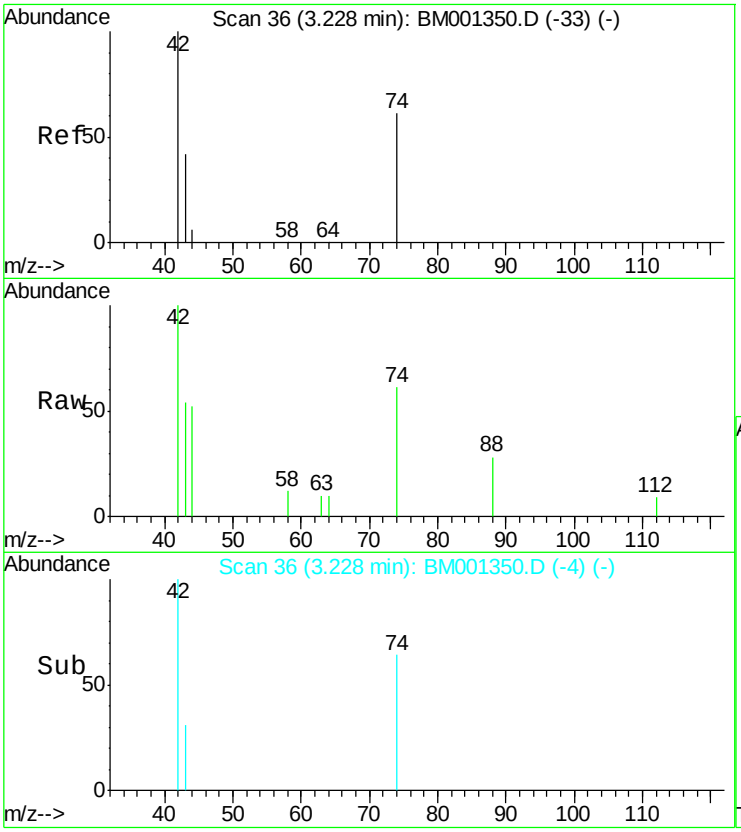



#2
1,4-Dioxane
Concen: 1.17 ng
RT: 2.90 min Scan# 15
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion: 88 Resp: 1235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 66.4 | 53.1 | 79.7 |
| 43 | 34.8 | 27.8 | 41.8 |

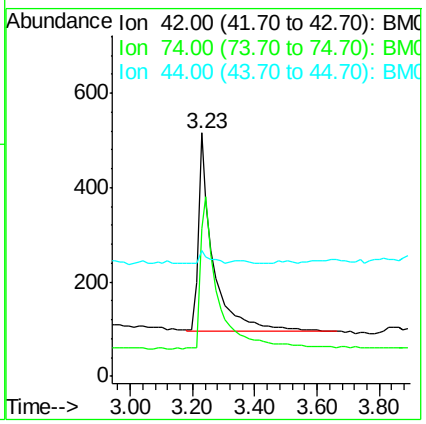





#3
n-Nitrosodimethylamine
Concen: 1.00 ng
RT: 3.23 min Scan# 36
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion: 42 Resp: 1393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 87.5 | 70.0 | 105.0 |
| 44 | 4.5 | 3.6 | 5.4 |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICCC001

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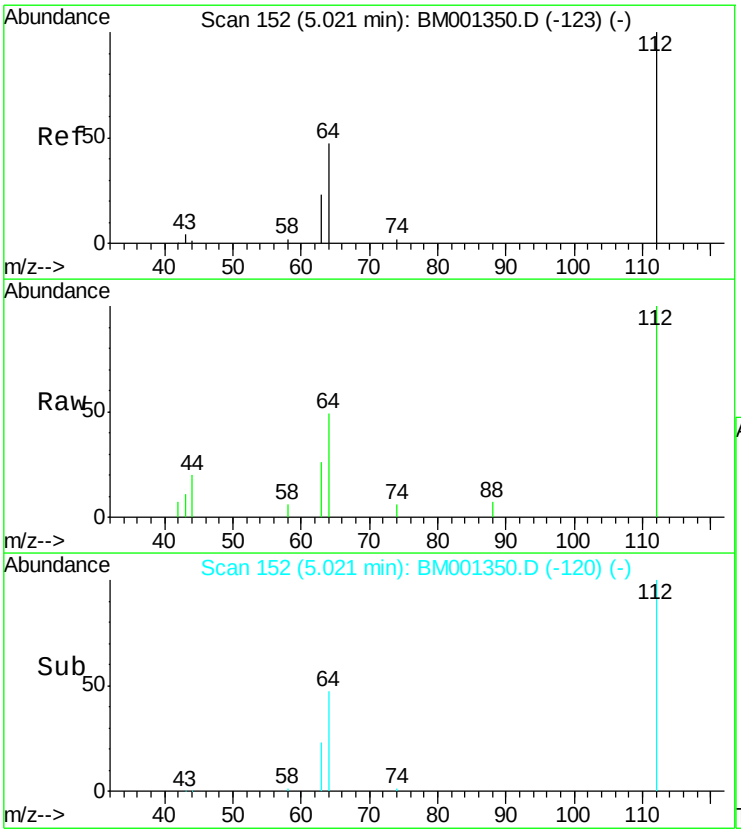
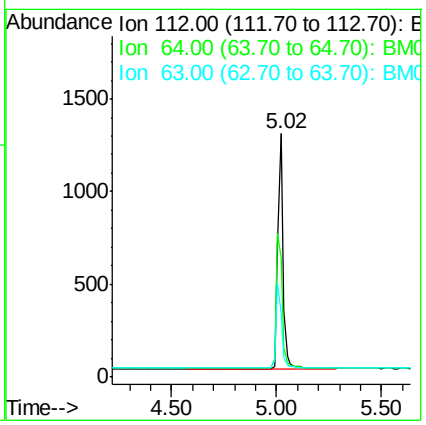
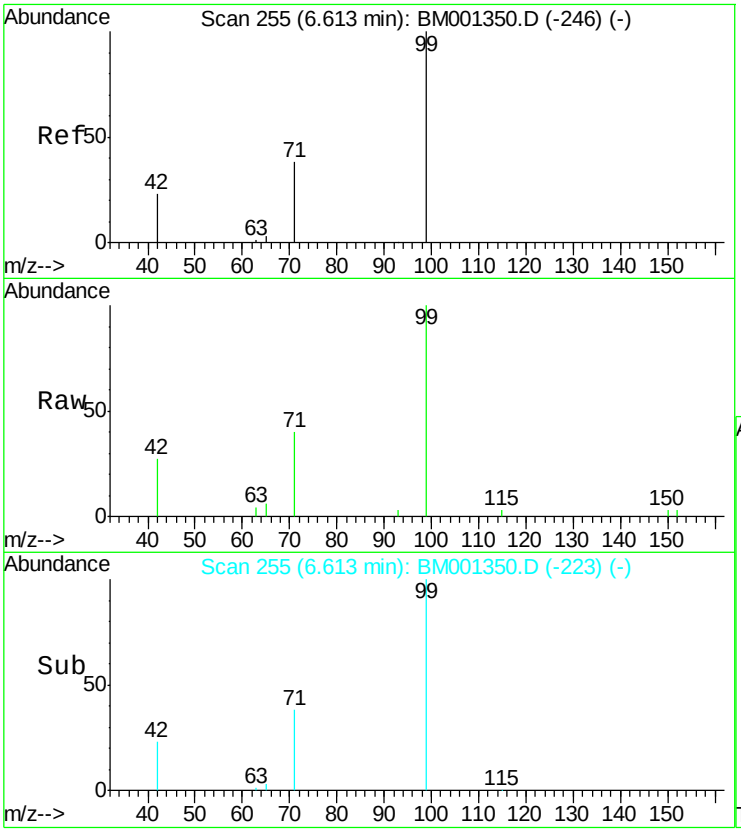



#4
2-Fluorophenol
Concen: 0.99 ng
RT: 5.02 min Scan# 152
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:112 Resp: 2223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 66.1 | 52.9 | 79.3 |
| 63 | 37.0 | 29.6 | 44.4 |

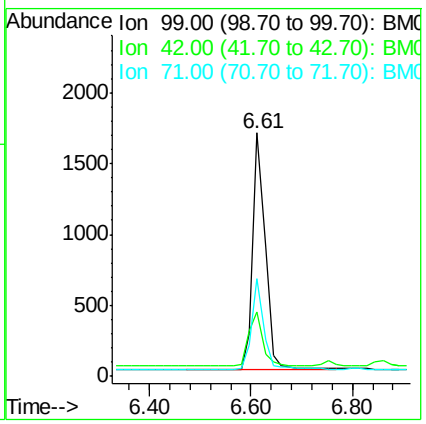





#5
Phenol-d6
Concen: 0.96 ng
RT: 6.61 min Scan# 255
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion: 99 Resp: 2771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 26.8 | 21.4 | 32.2 |
| 71 | 36.2 | 29.0 | 43.4 |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICCC001

**Manual Integrations APPROVED**
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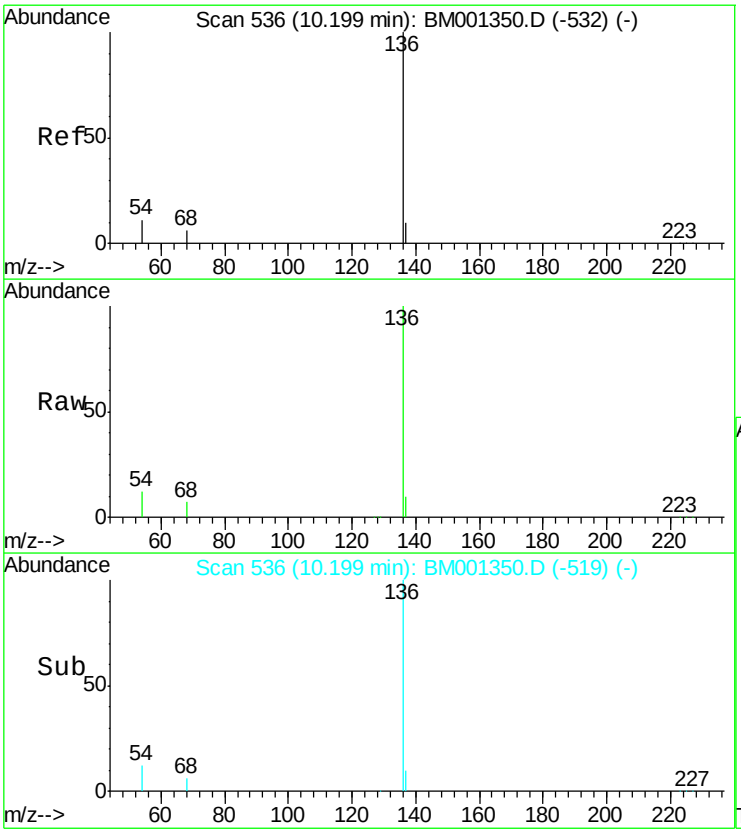
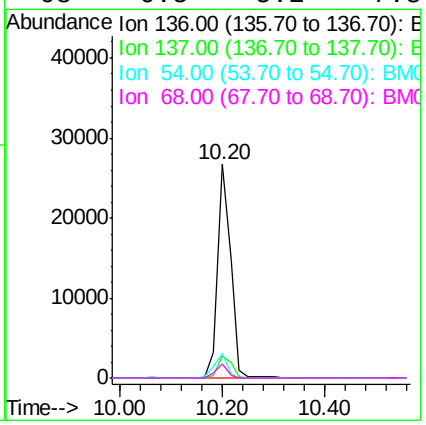
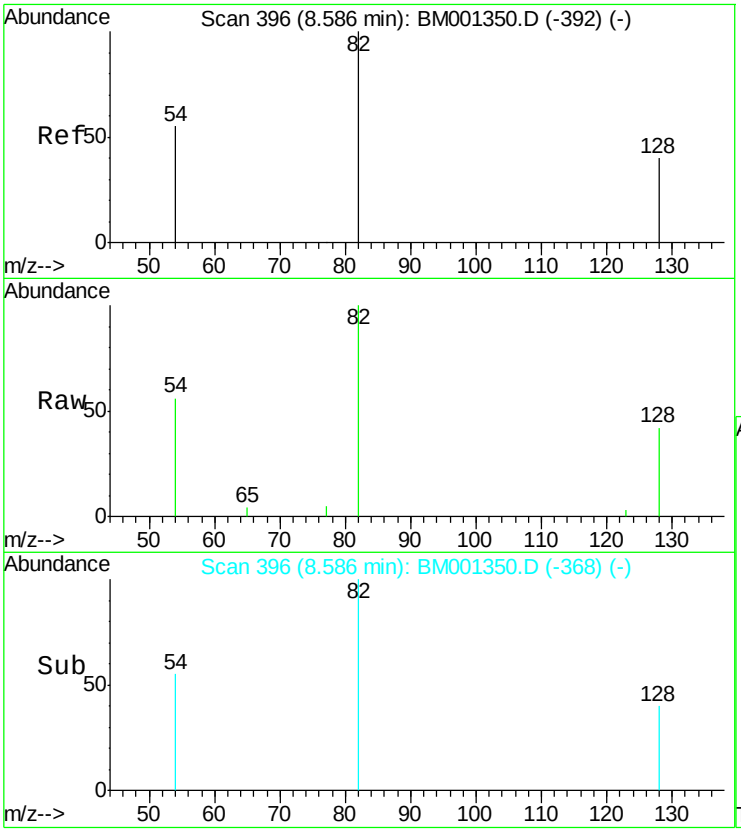



#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.20 min Scan# 536
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:136 Resp: 47215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.3 | 8.2 | 12.4 |
| 54 | 11.7 | 9.4 | 14.0 |
| 68 | 6.5 | 5.2 | 7.8 |

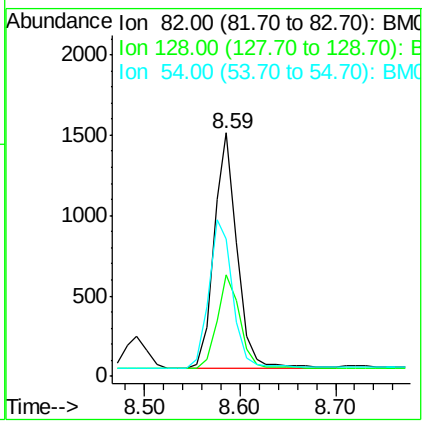





#7
Nitrobenzene-d5
Concen: 0.90 ng
RT: 8.59 min Scan# 396
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion: 82 Resp: 2454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.9 | 33.5 | 50.3 |
| 54 | 56.4 | 45.1 | 67.7 |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICCC001

**Manual Integrations APPROVED**
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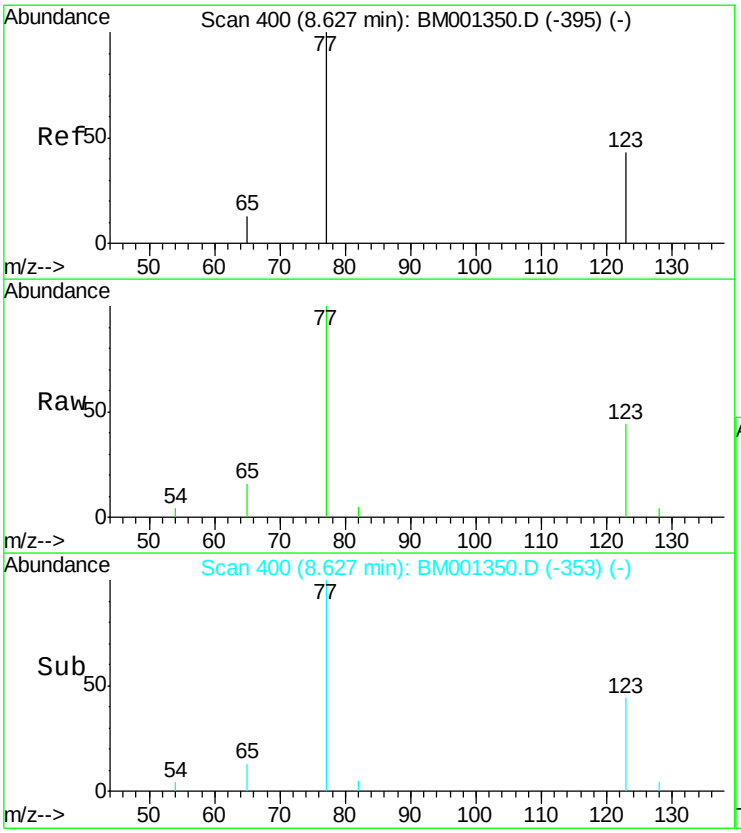
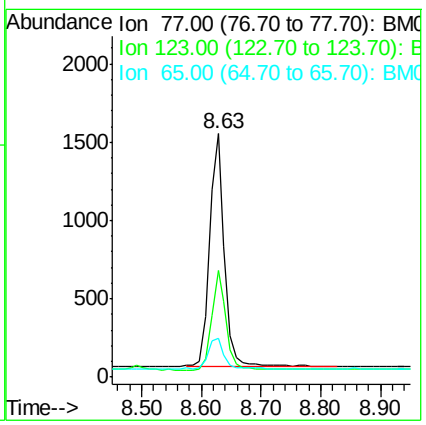
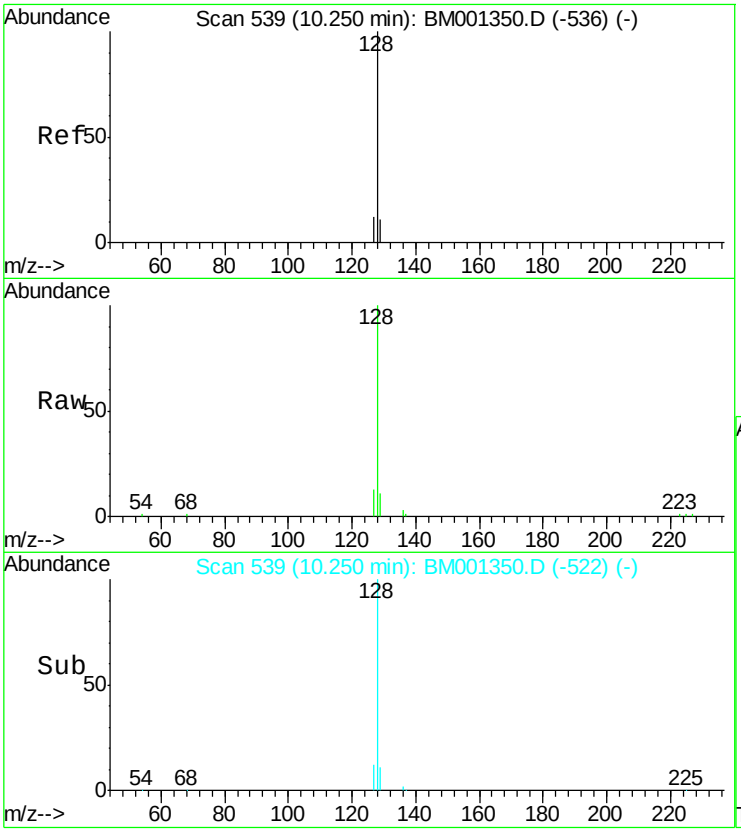



#8
Nitrobenzene
Concen: 0.89 ng
RT: 8.63 min Scan# 400
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion: 77 Resp: 2548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 42.0 | 33.6 | 50.4 |
| 65 | 14.1 | 11.3 | 16.9 |

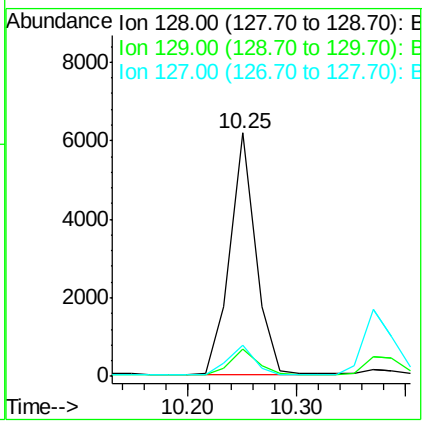





#9
Naphthalene
Concen: 1.03 ng
RT: 10.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:128 Resp: 10067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.4 | 9.1 | 13.7 |
| 127 | 13.0 | 10.4 | 15.6 |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICCC001

**Manual Integrations APPROVED**
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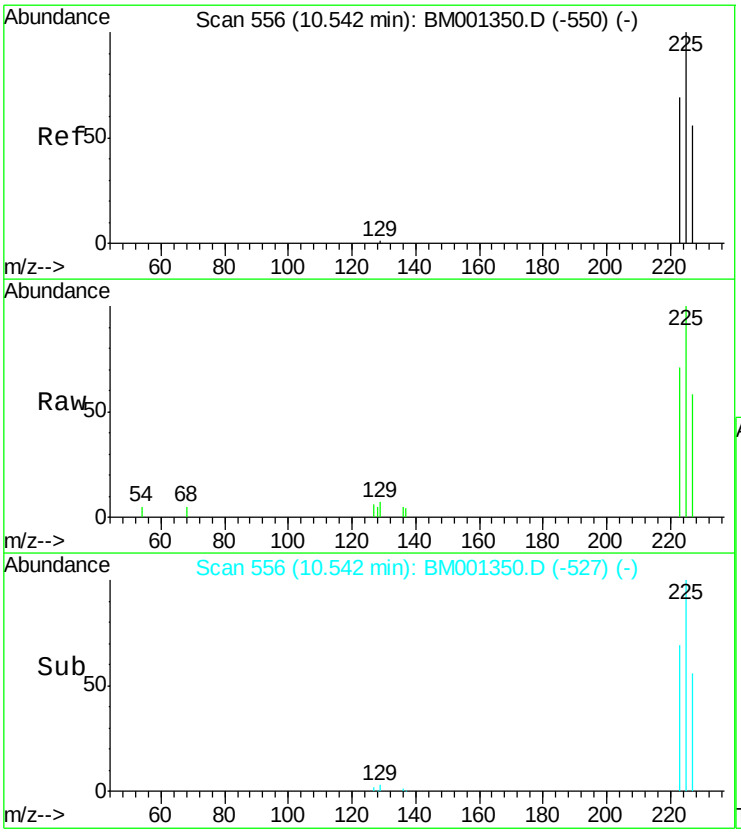
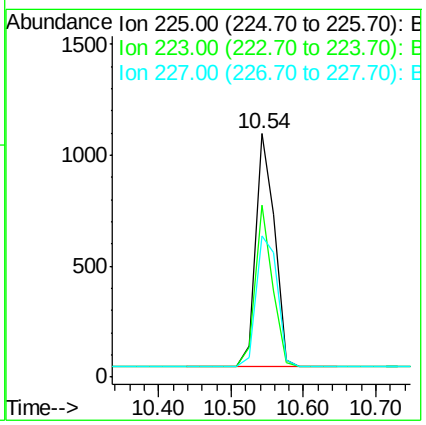
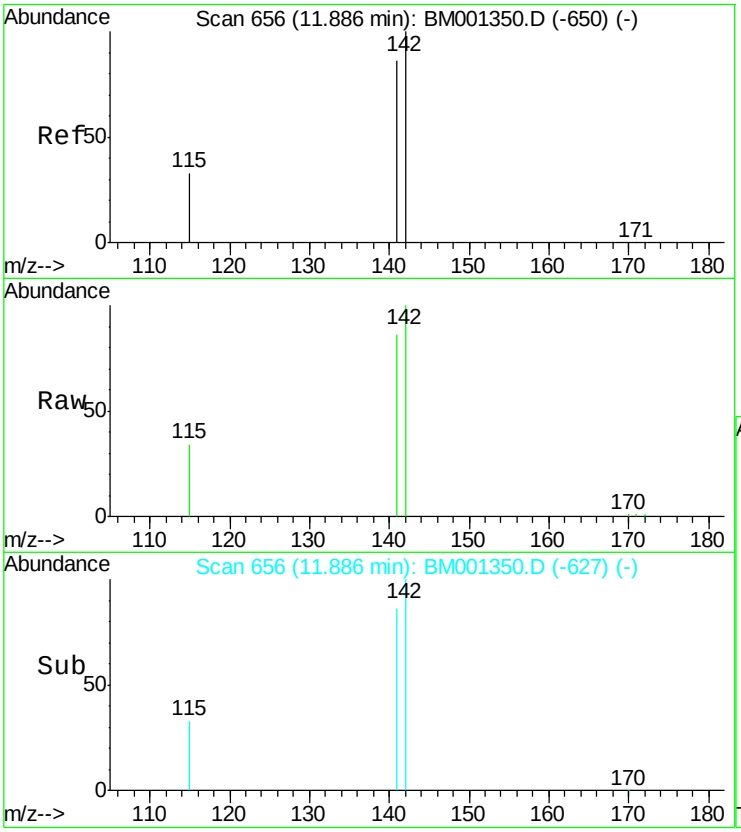



#10
Hexachlorobutadiene
Concen: 1.03 ng
RT: 10.54 min Scan# 556
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:225 Resp: 1932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.9 | 50.3 | 75.5 |
| 227 | 63.2 | 50.6 | 75.8 |

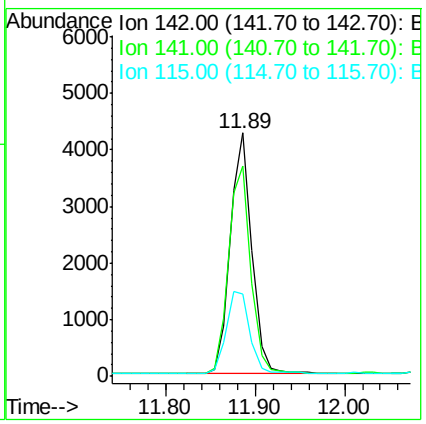





#11
2-Methylnaphthalene
Concen: 1.01 ng
RT: 11.89 min Scan# 656
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:142 Resp: 7061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 86.2 | 69.0 | 103.4 |
| 115 | 33.9 | 27.1 | 40.7 |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICCC001

**Manual Integrations APPROVED**
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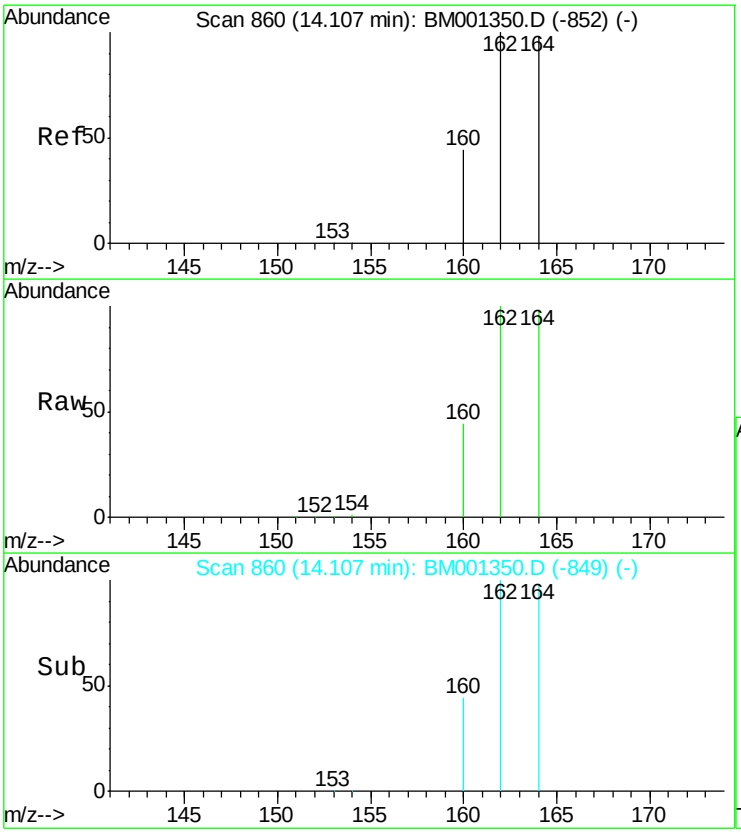
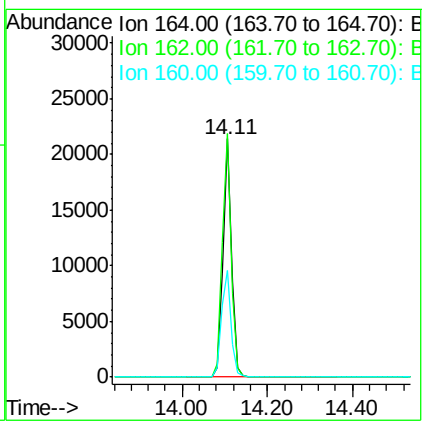
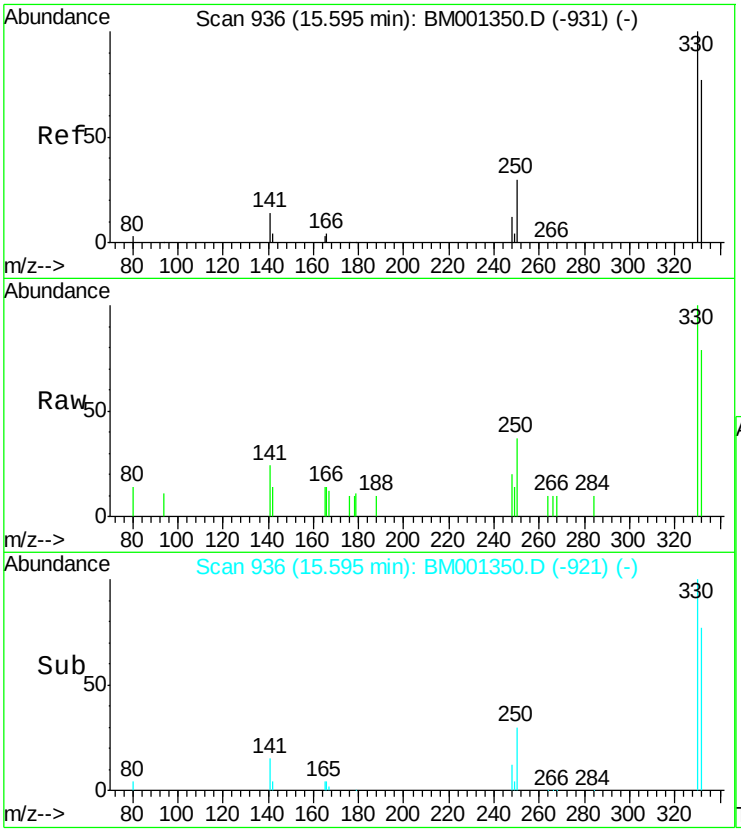



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.11 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:164 Resp: 29744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.3 | 81.8 | 122.8 |
| 160 | 44.8 | 35.8 | 53.8 |

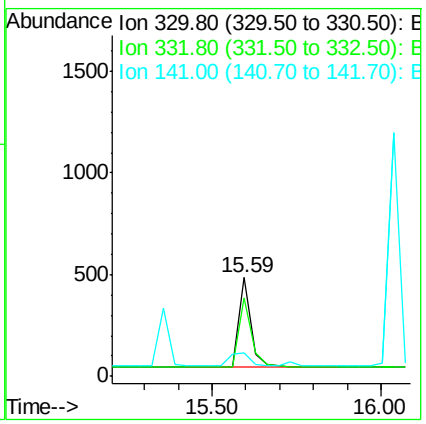





#13
2,4,6-Tribromophenol
Concen: 1.17 ng
RT: 15.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:330 Resp: 1078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 81.8 | 65.4 | 98.2 |
| 141 | 25.3 | 20.2 | 30.4 |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICCC001

**Manual Integrations APPROVED**
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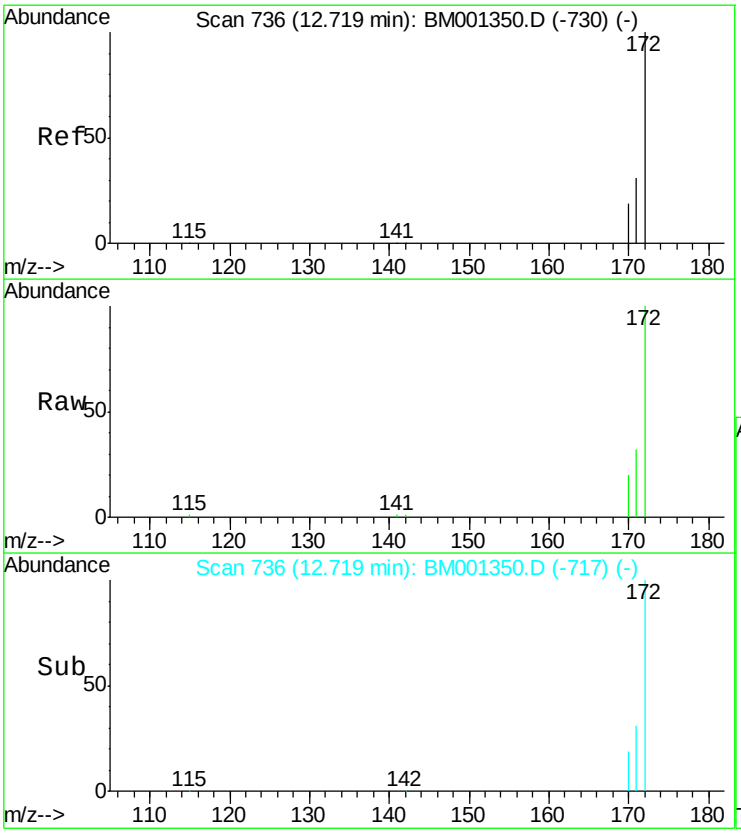
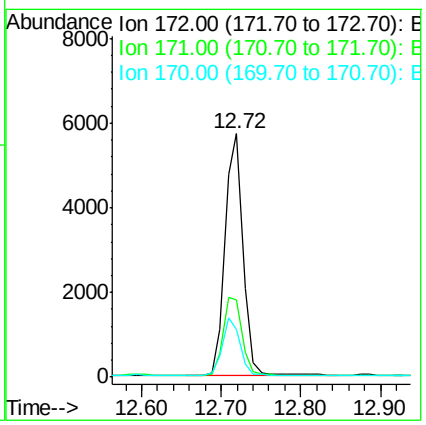
5/21/2015 8:53:10 PM

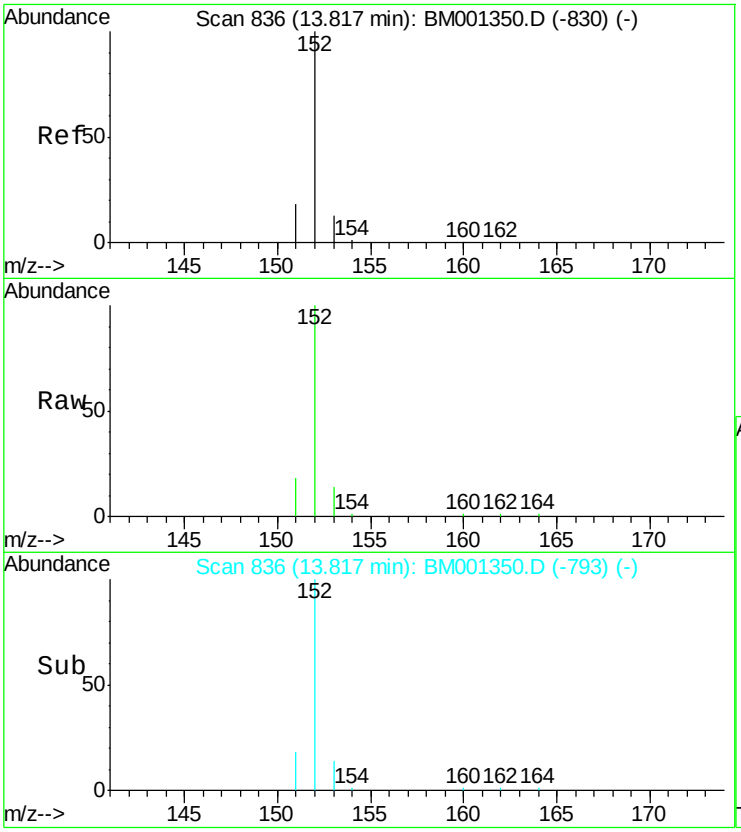



#14
2-Fluorobiphenyl
Concen: 1.02 ng
RT: 12.72 min Scan# 736
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:172 Resp: 8829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 31.8 | 25.4 | 38.2 |
| 170 | 19.6 | 15.7 | 23.5 |

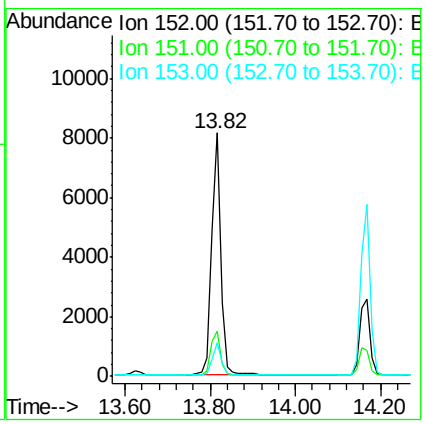





#15
Acenaphthylene
Concen: 0.95 ng
RT: 13.82 min Scan# 836
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:152 Resp: 12140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.1 | 15.3 | 22.9 |
| 153 | 12.9 | 10.3 | 15.5 |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICCC001

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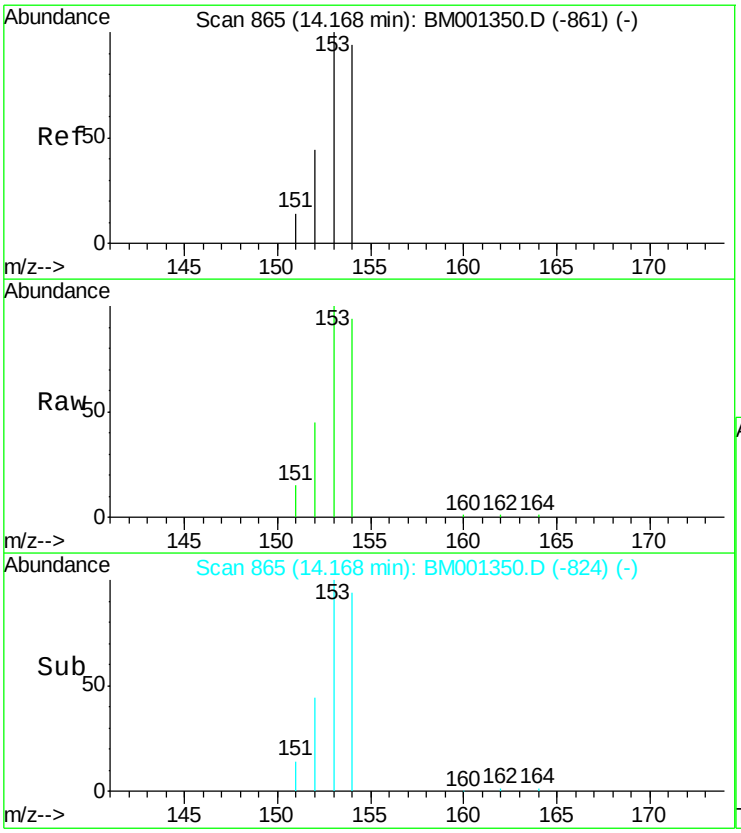
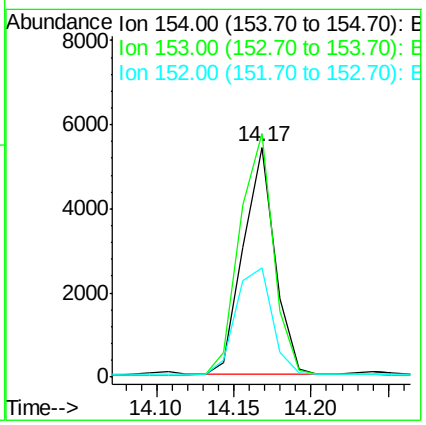
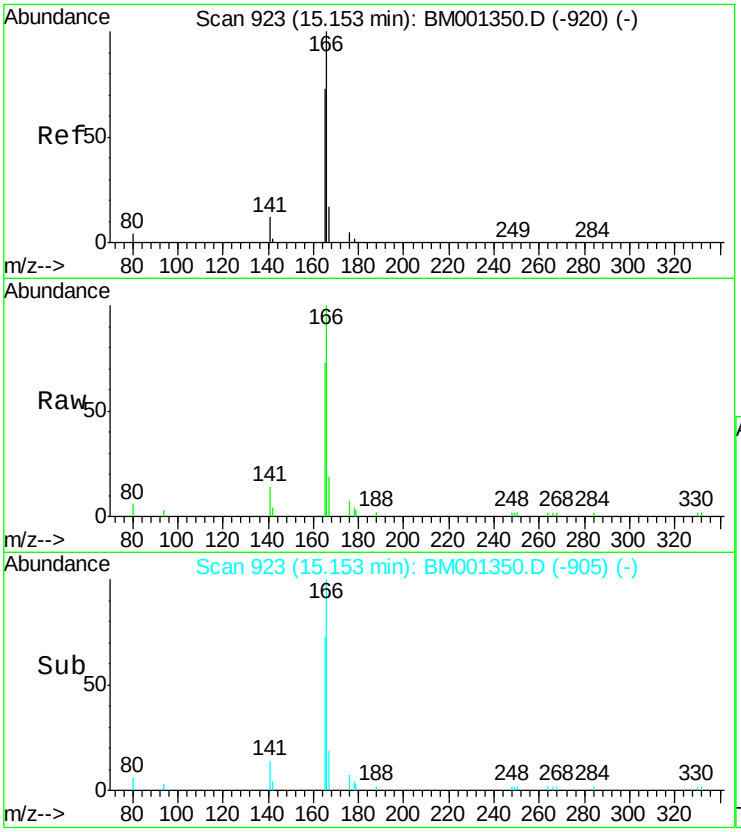



#16
Acenaphthene
Concen: 1.01 ng
RT: 14.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:154 Resp: 7707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.2 | 90.6 | 135.8 |
| 152 | 54.5 | 43.6 | 65.4 |

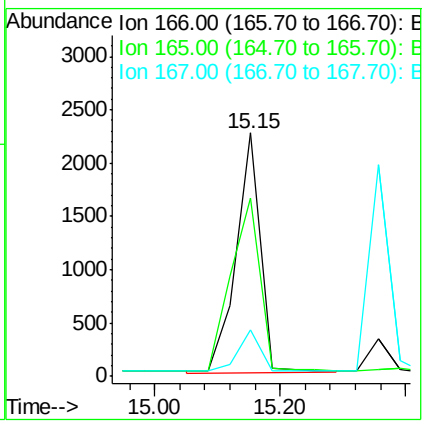





#17
Fluorene
Concen: 0.82 ng
RT: 15.15 min Scan# 923
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:166 Resp: 6147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 90.6 | 72.5 | 108.7 |
| 167 | 20.0 | 16.0 | 24.0 |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICCC001

**Manual Integrations APPROVED**
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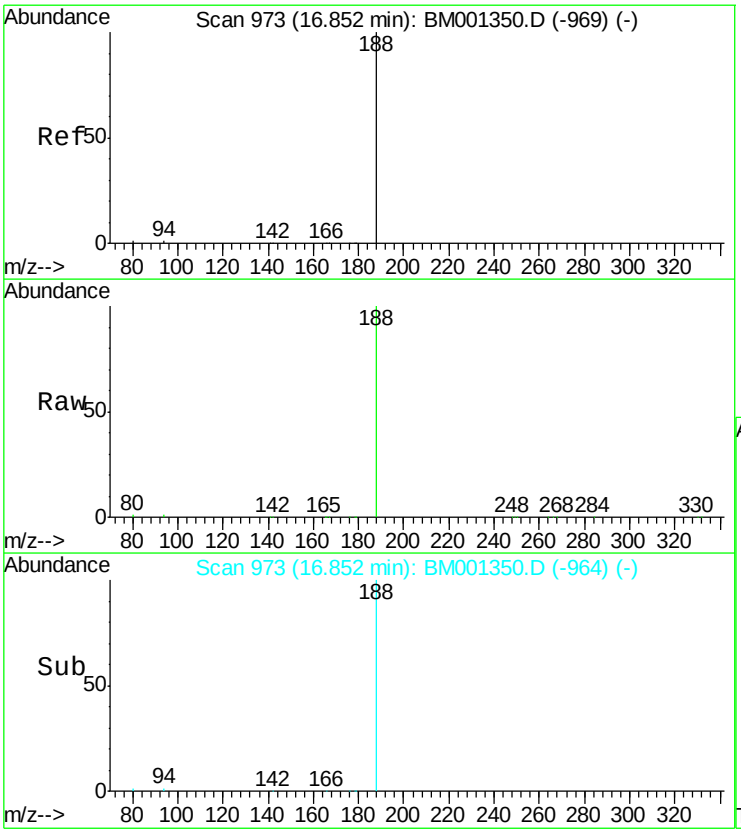
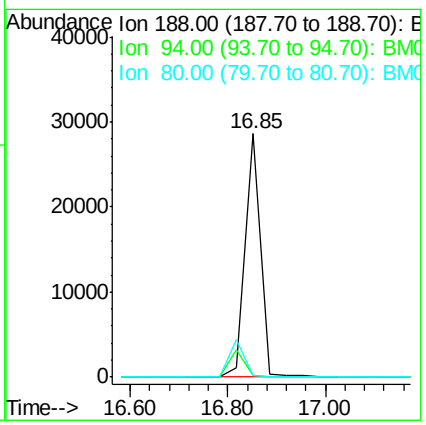
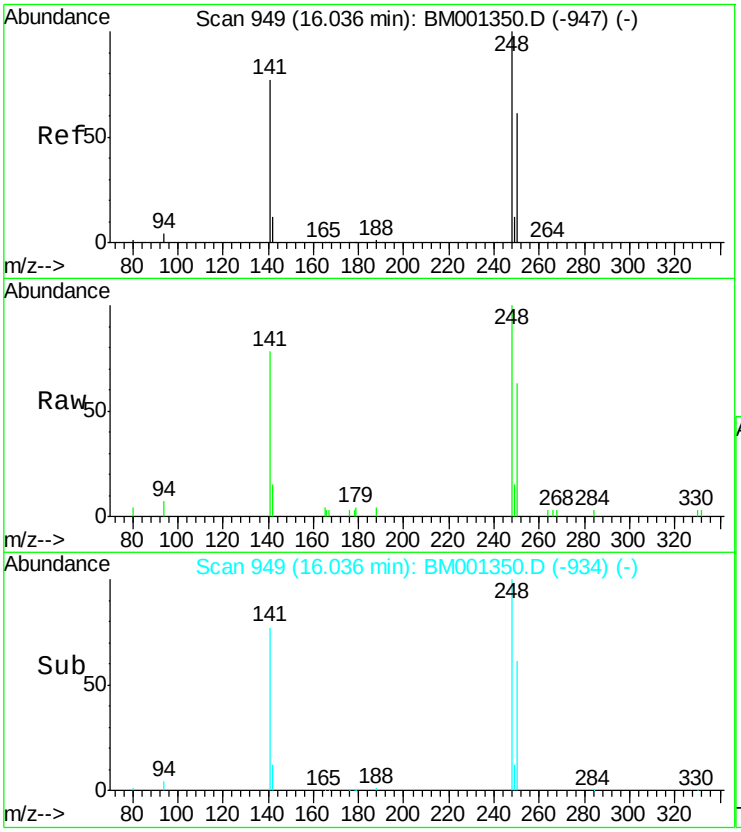



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.85 min Scan# 973
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:188 Resp: 61408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.8 | 0.6 | 1.0 |
| 80 | 0.7 | 0.6 | 0.8 |

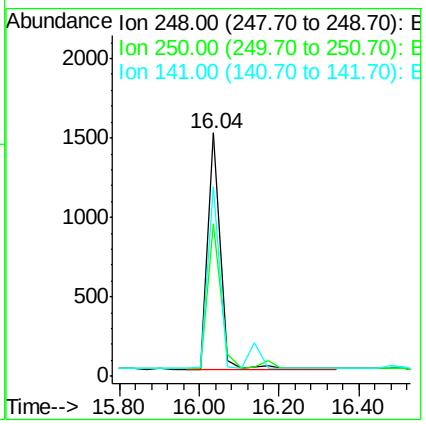





#19
4-Bromophenyl-phenylether
Concen: 1.45 ng
RT: 16.04 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:248 Resp: 3234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 64.4 | 51.5 | 77.3 |
| 141 | 73.8 | 59.0 | 88.6 |




**Instrument :**
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**ClientSampleId :**
SSTDICCC001

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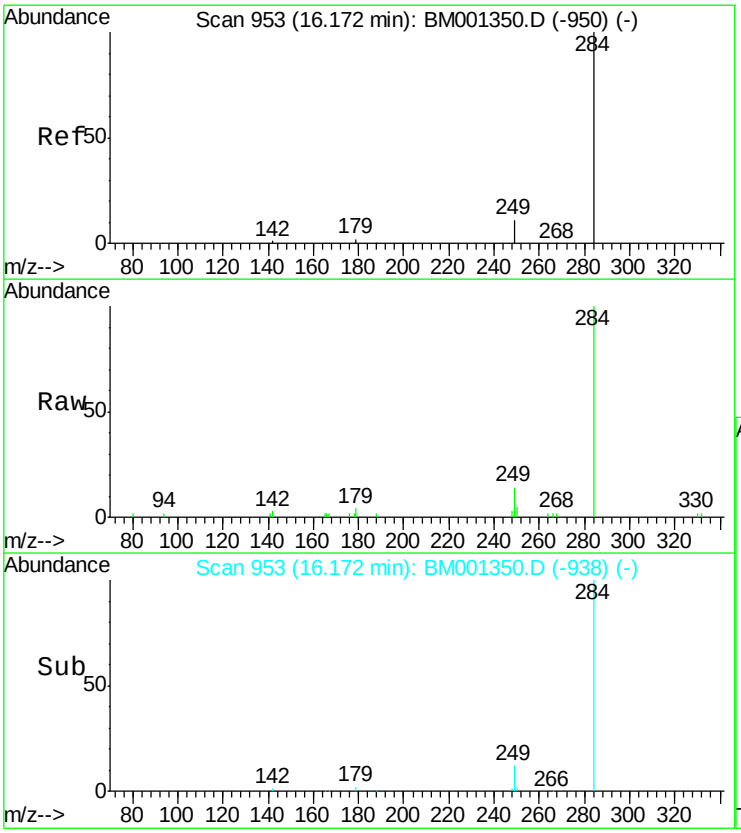
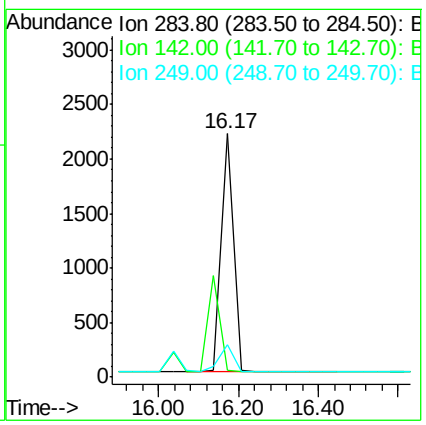
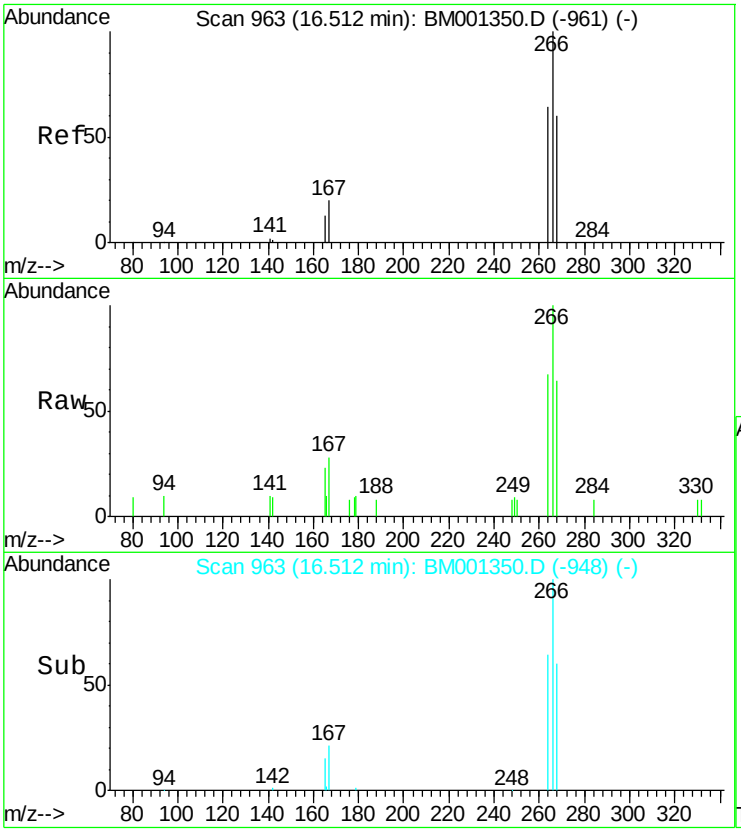



#20
Hexachlorobenzene
Concen: 1.12 ng
RT: 16.17 min Scan# 953
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:284 Resp: 4529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 0.0 | 0.0 | 0.0 |
| 249 | 13.9 | 11.1 | 16.7 |

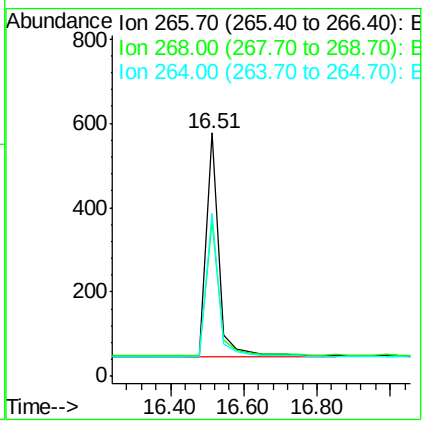





#21
Pentachlorophenol
Concen: 0.90 ng
RT: 16.51 min Scan# 963
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:266 Resp: 1296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.0 | 51.2 | 76.8 |
| 264 | 67.1 | 53.7 | 80.5 |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICCC001

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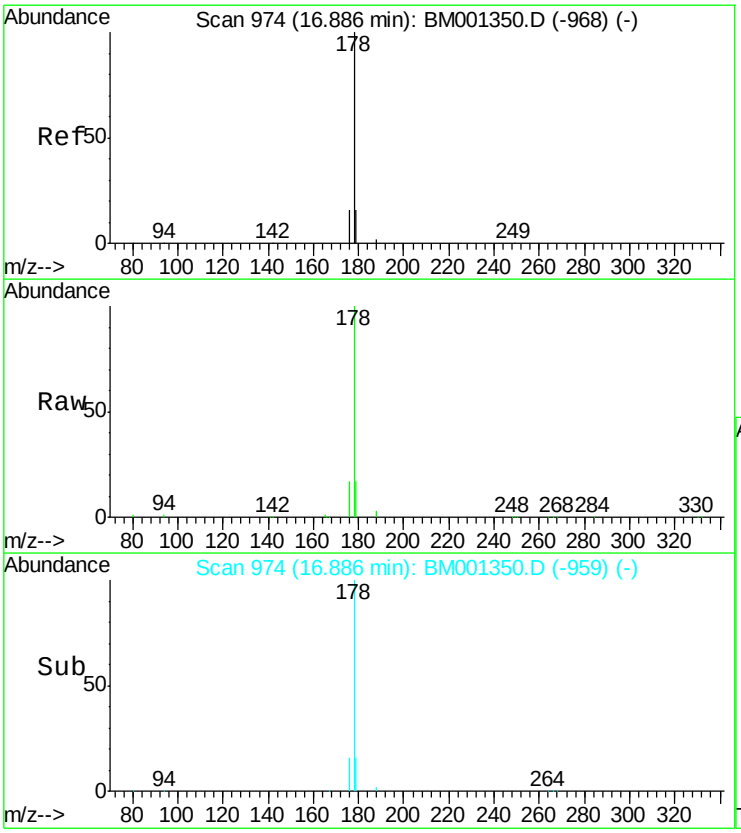
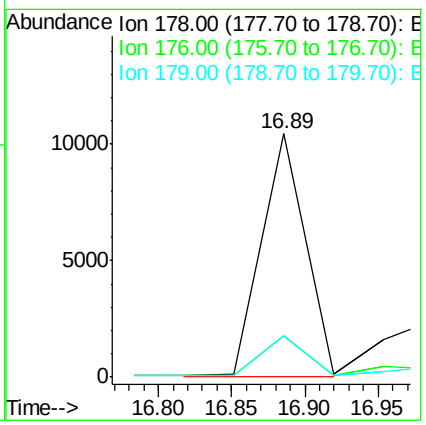
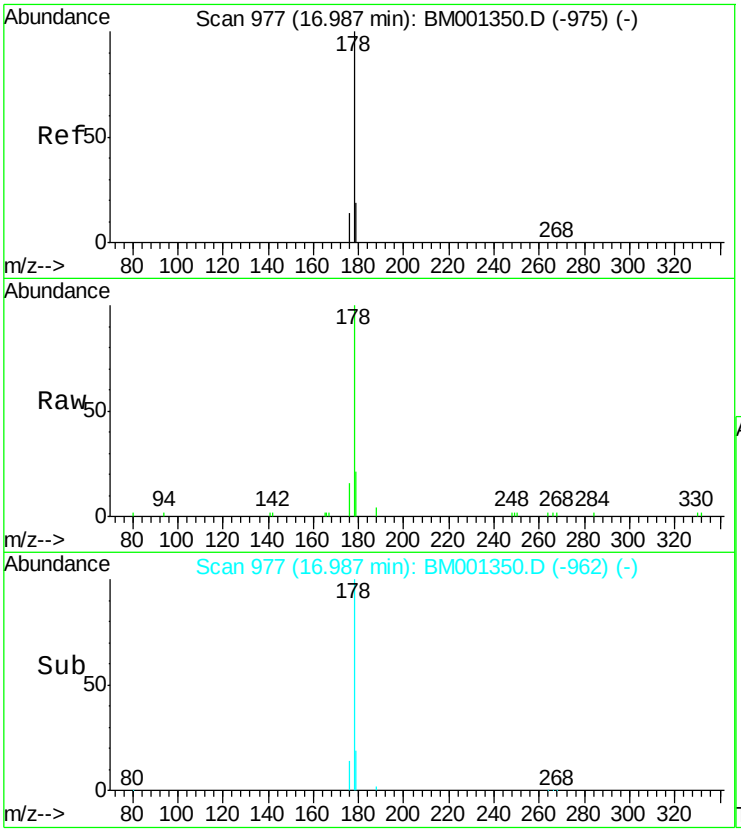



#22
Phenanthrene
Concen: 1.03 ng m
RT: 16.89 min Scan# 974
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:178 Resp: 21829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 23.6 | 16.6 | 25.0 |
| 179 | 18.1 | 12.8 | 19.2 |

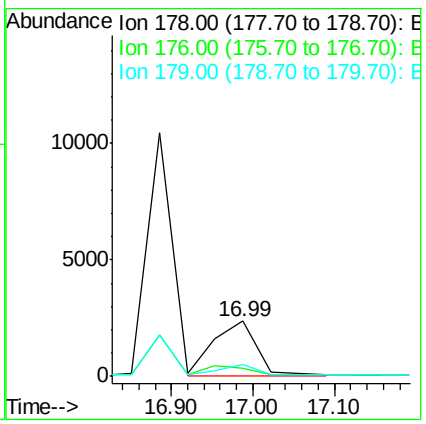





#23
Anthracene
Concen: 1.18 ng m
RT: 16.99 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:178 Resp: 8957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 57.6 | 46.1 | 69.1 |
| 179 | 44.2 | 35.4 | 53.0 |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICCC001

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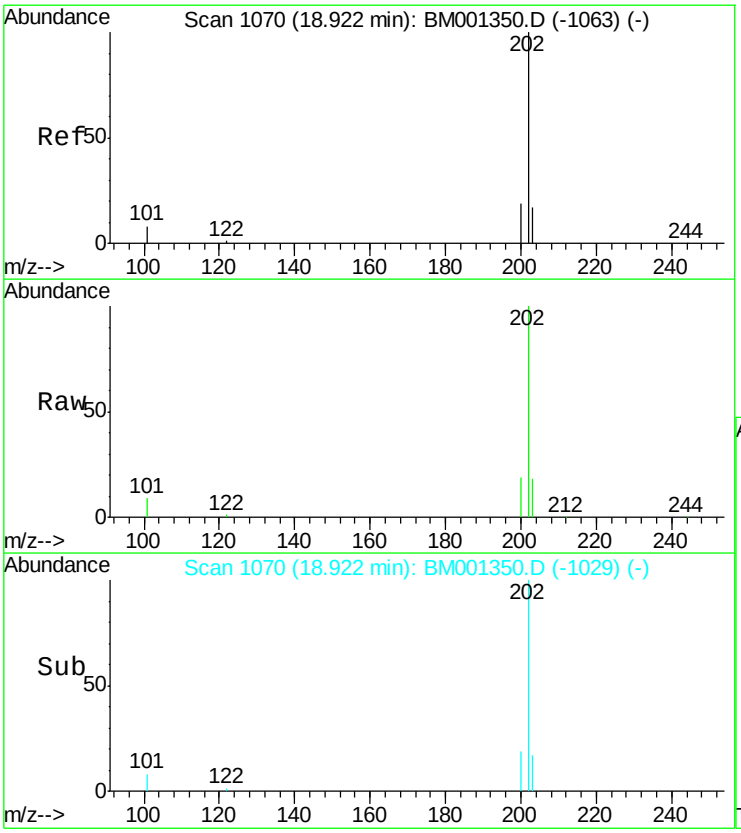
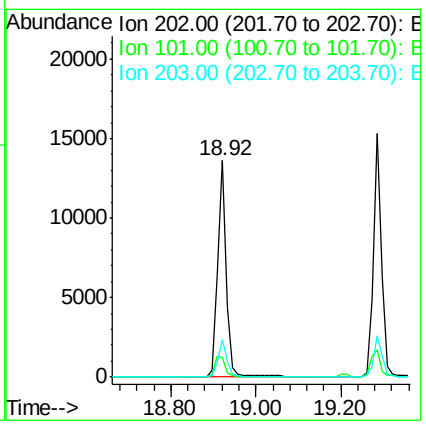
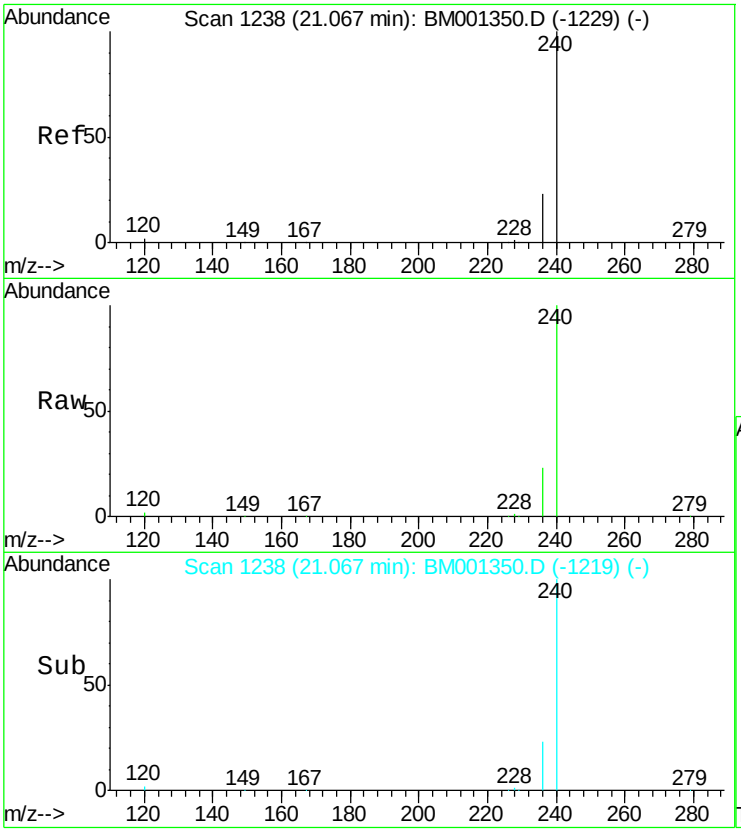



#24
Fluoranthene
Concen: 1.18 ng
RT: 18.92 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:202 Resp: 18643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.9 | 8.7 | 13.1 |
| 203 | 17.2 | 13.8 | 20.6 |

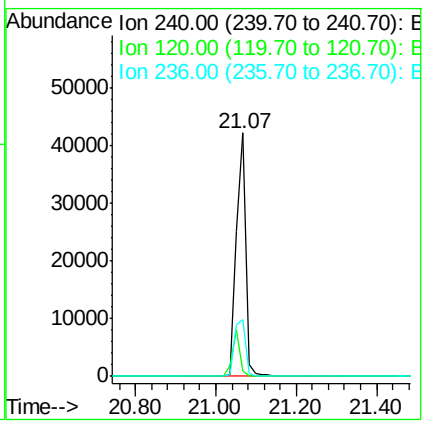





#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:240 Resp: 66195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 2.0 | 1.6 | 2.4 |
| 236 | 23.1 | 18.5 | 27.7 |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICCC001

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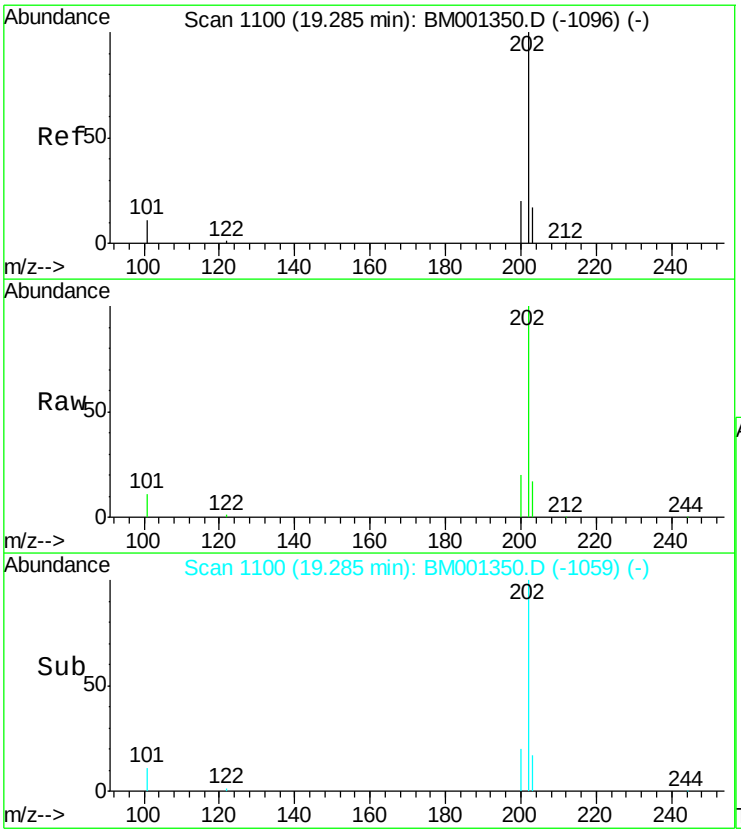
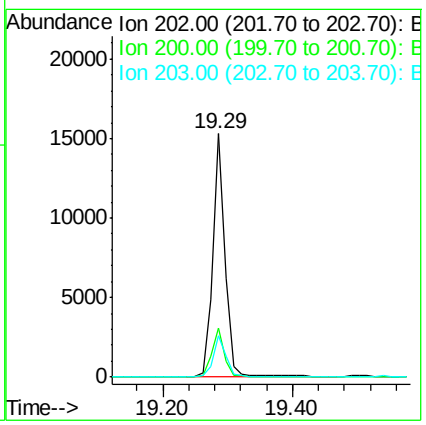
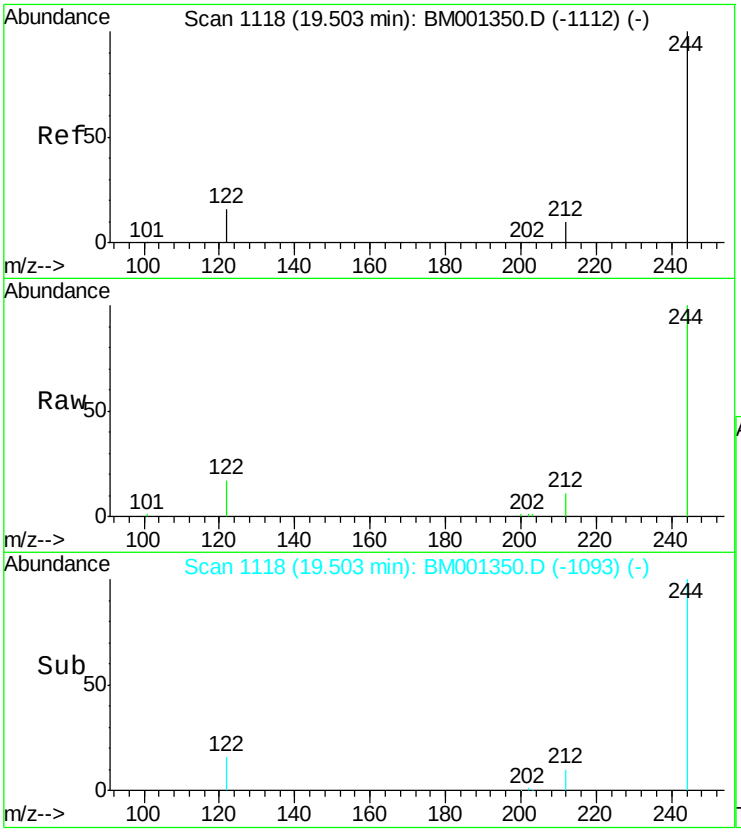



#26
Pyrene
Concen: 1.02 ng
RT: 19.29 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:202 Resp: 19914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.3 | 16.2 | 24.4 |
| 203 | 17.4 | 13.9 | 20.9 |

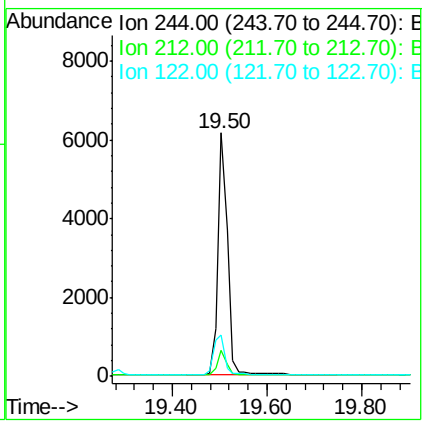





#27
Terphenyl-d14
Concen: 1.01 ng
RT: 19.50 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:244 Resp: 8521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 10.6 | 8.5 | 12.7 |
| 122 | 16.8 | 13.4 | 20.2 |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICCC001

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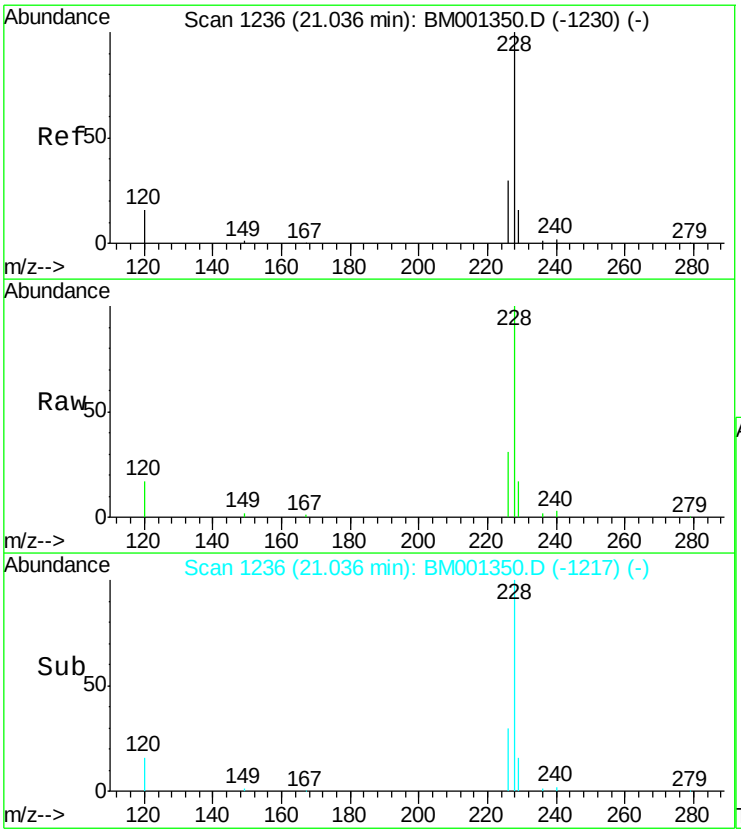
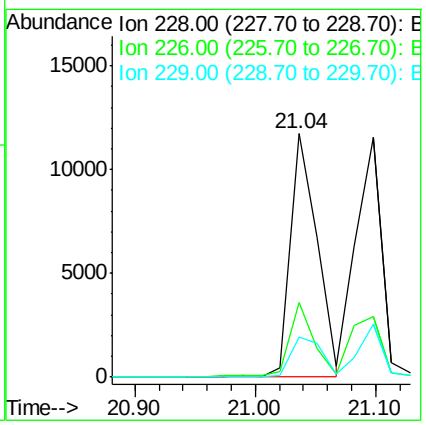
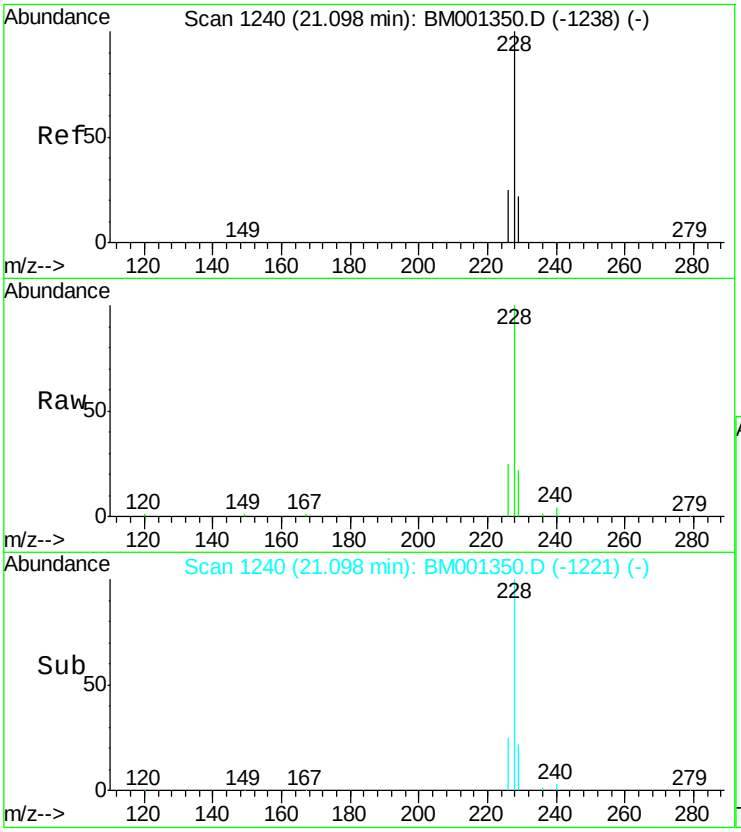



#28
Benzo(a)anthracene
Concen: 0.99 ng
RT: 21.04 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:228 Resp: 17914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.6 | 24.5 | 36.7 |
| 229 | 16.6 | 13.3 | 19.9 |

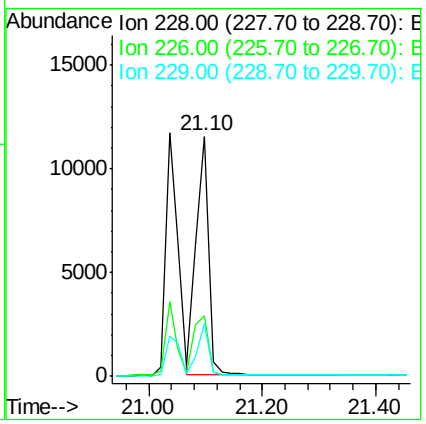





#29
Chrysene
Concen: 1.01 ng
RT: 21.10 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:228 Resp: 17591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 25.0 | 20.0 | 30.0 |
| 229 | 22.0 | 17.6 | 26.4 |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICCC001

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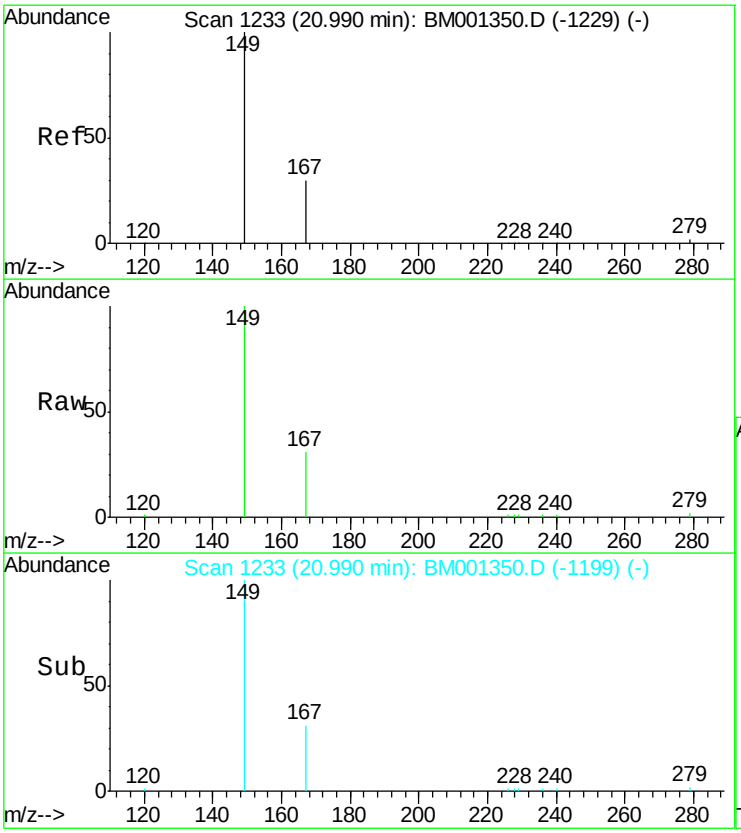
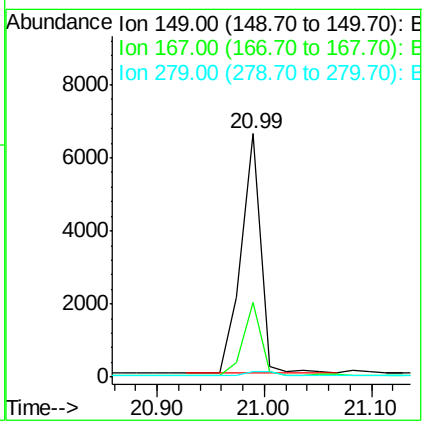
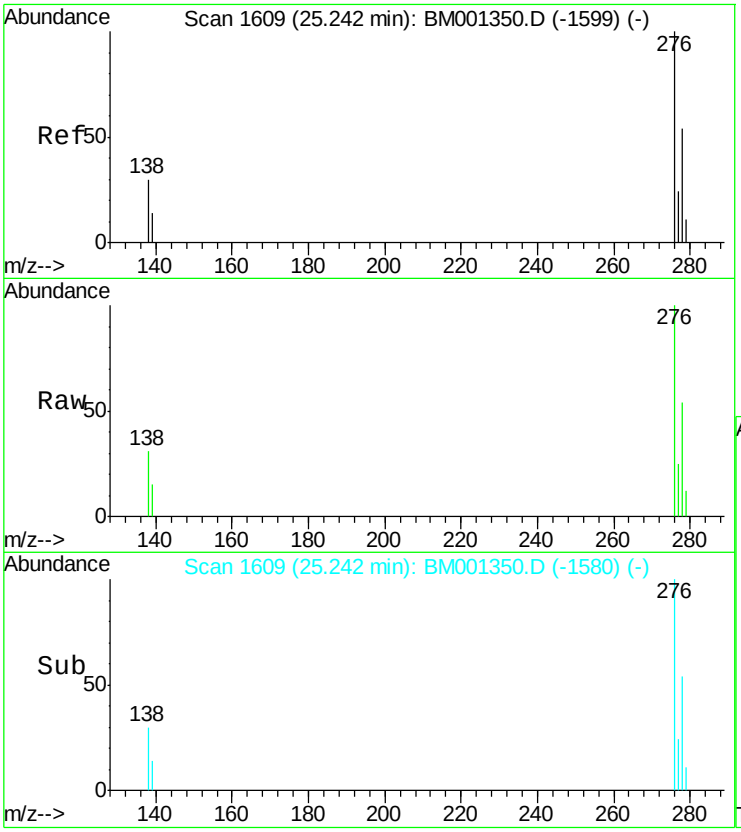



#30
Bis(2-ethylhexyl)phthalate
Concen: 0.82 ng
RT: 20.99 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:149 Resp: 8333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.0 | 21.6 | 32.4 |
| 279 | 2.4 | 1.9 | 2.9 |

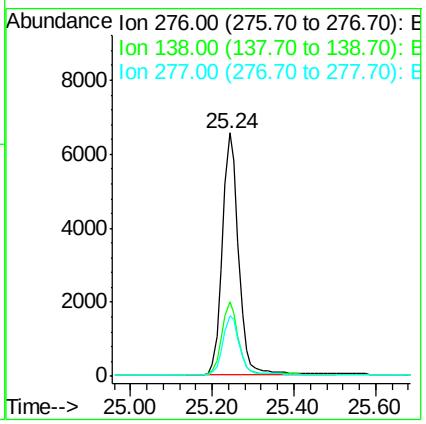





#31
Indeno(1,2,3-cd)pyrene
Concen: 0.93 ng
RT: 25.24 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:276 Resp: 18070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 30.3 | 24.2 | 36.4 |
| 277 | 24.6 | 19.7 | 29.5 |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICCC001

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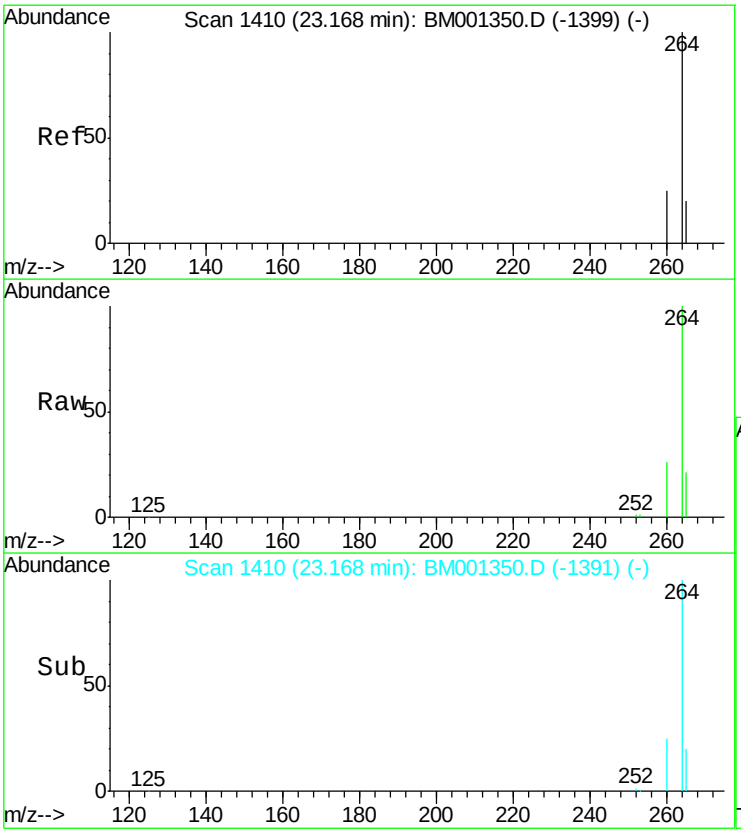
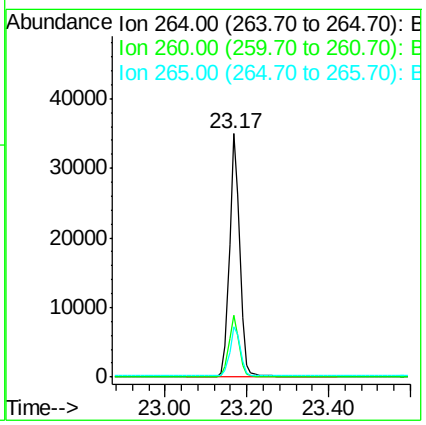
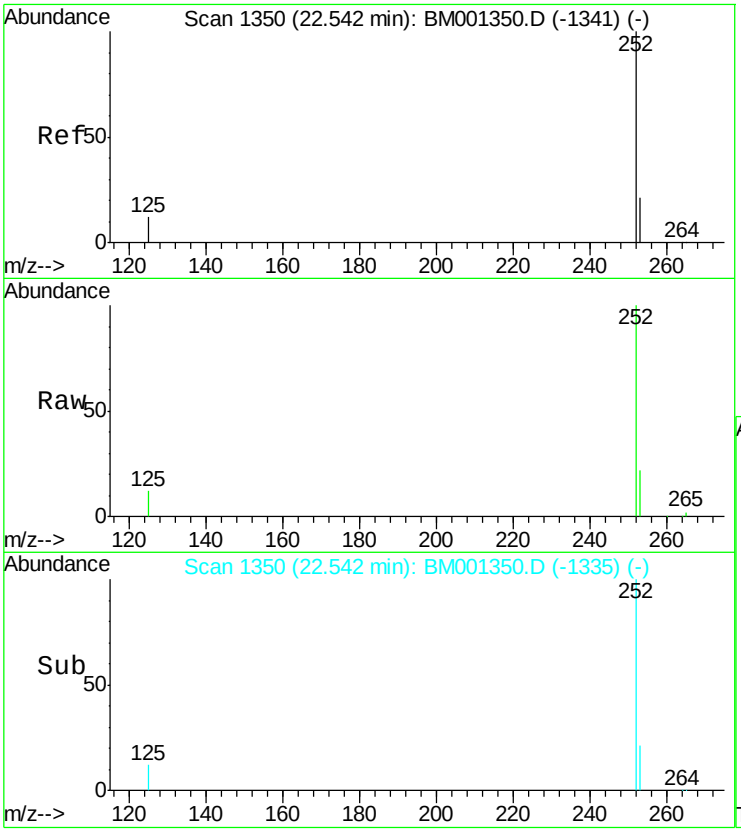



#32
Perylene-d12
Concen: 5.00 ng
RT: 23.17 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:264 Resp: 60824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.5 | 20.4 | 30.6 |
| 265 | 20.7 | 16.6 | 24.8 |

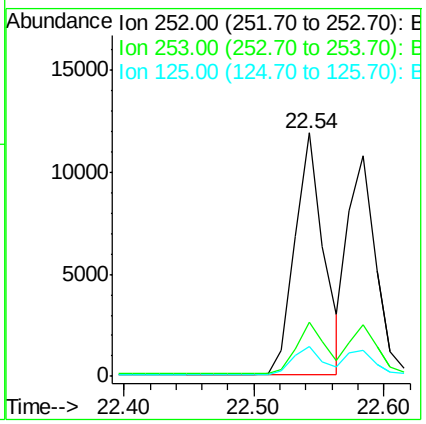





#33
Benzo(b)fluoranthene
Concen: 1.03 ng
RT: 22.54 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:252 Resp: 18249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 17.9 | 26.9 |
| 125 | 12.3 | 9.8 | 14.8 |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICCC001

**Manual Integrations APPROVED**
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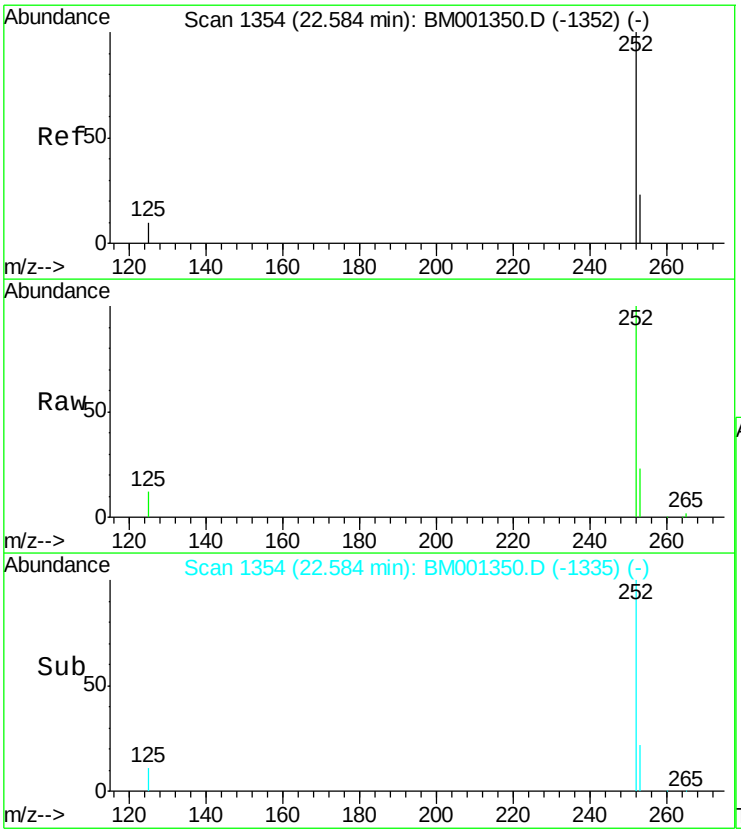
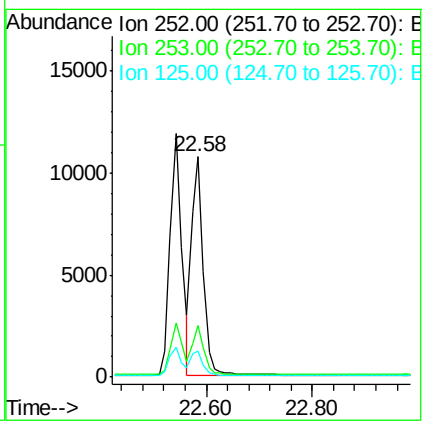
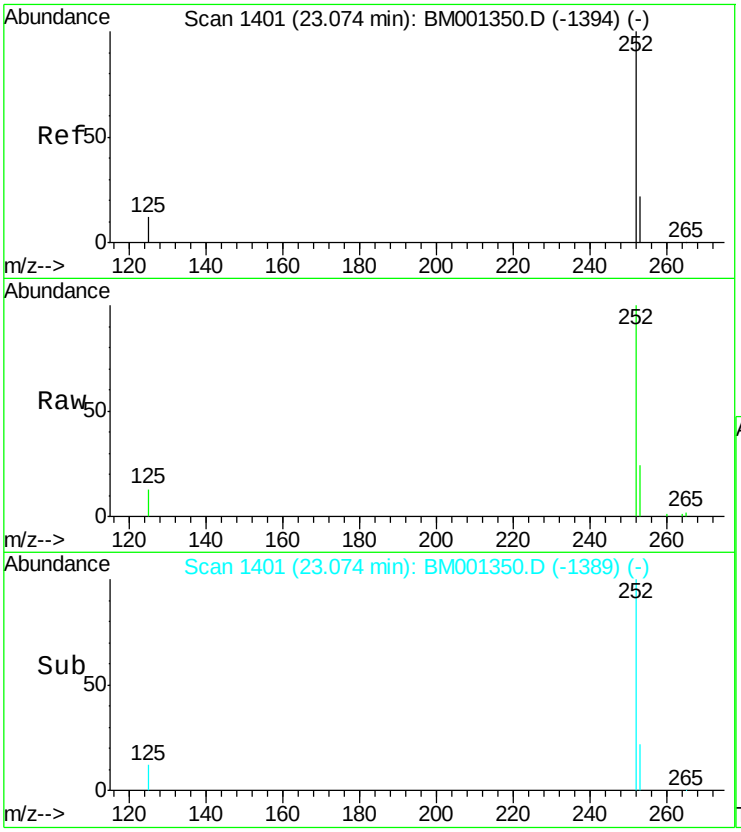



#34
Benzo(k)fluoranthene
Concen: 0.97 ng
RT: 22.58 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:252 Resp: 16367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.3 | 18.6 | 28.0 |
| 125 | 11.6 | 9.3 | 13.9 |






#35
Benzo(a)pyrene
Concen: 0.97 ng
RT: 23.07 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:252 Resp: 15260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.6 | 18.9 | 28.3 |
| 125 | 13.2 | 10.6 | 15.8 |

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICCC001

**Manual Integrations APPROVED**
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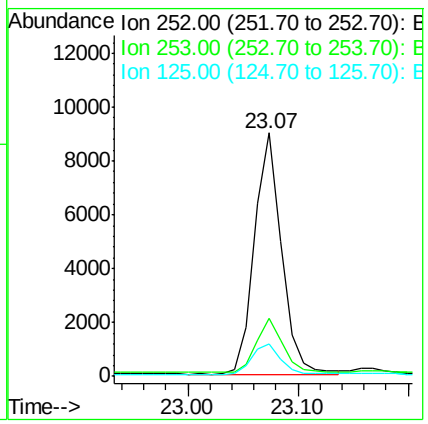
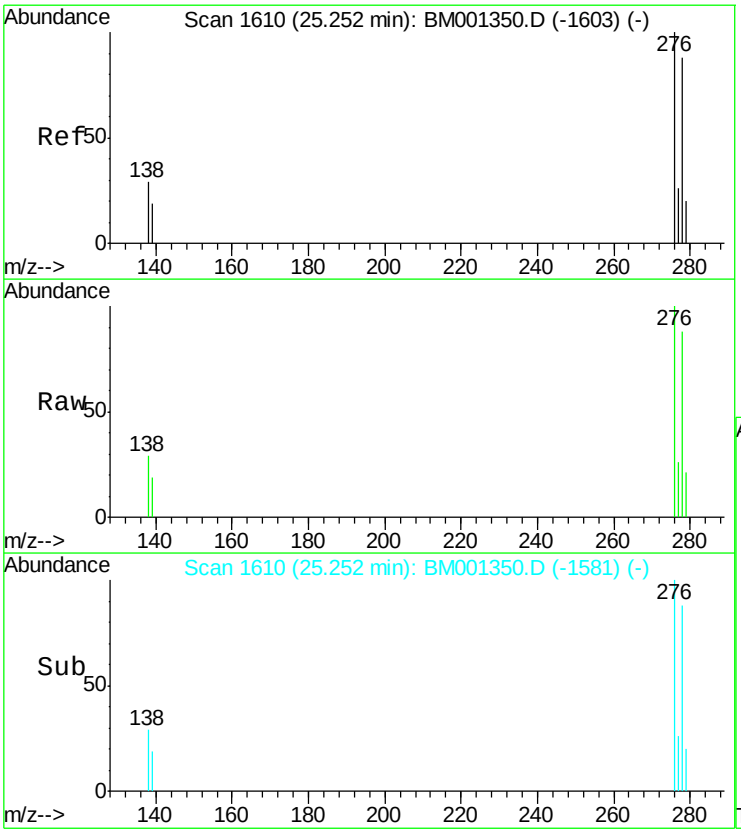
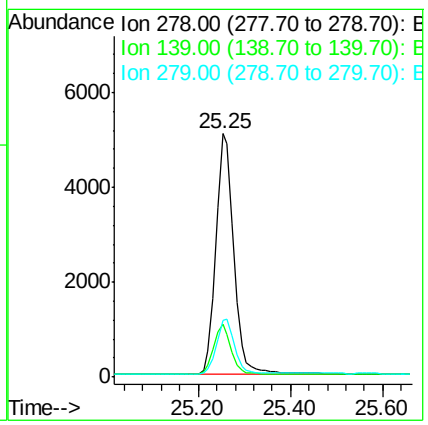


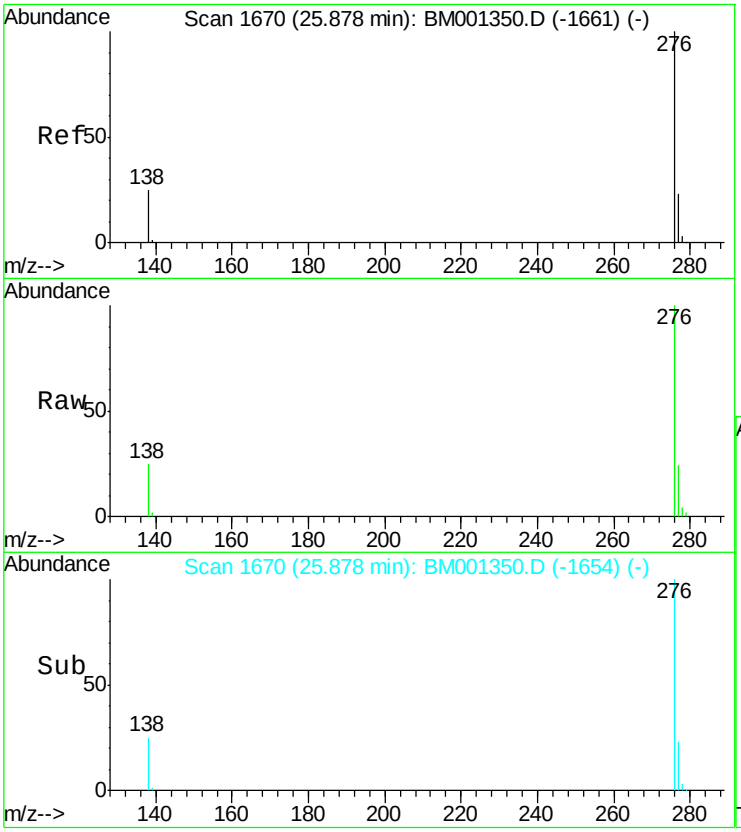




#36
Dibenzo(a,h)anthracene
Concen: 0.94 ng
RT: 25.25 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:278 Resp: 13958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 21.9 | 17.5 | 26.3 |
| 279 | 23.4 | 18.7 | 28.1 |

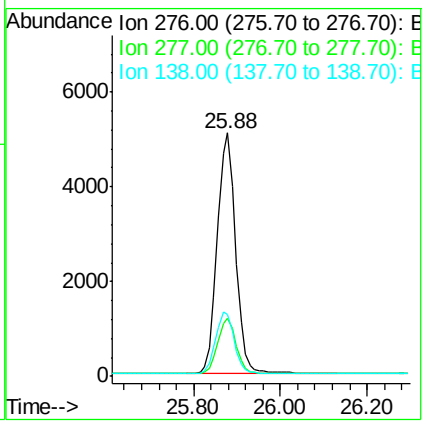





#37
Benzo(g,h,i)perylene
Concen: 0.95 ng
RT: 25.88 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:276 Resp: 14931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.0 | 19.2 | 28.8 |
| 138 | 25.3 | 20.2 | 30.4 |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICCC001

**Manual Integrations APPROVED**
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