Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120715\
Data File : BM003407.D
Acq On : 07 Dec 2015 14:48
Operator : UM/IZ
Sample : SSTDICV001
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
ICVBM120715

**Manual Integrations APPROVED**
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12/8/2015 6:14:45 PM

Quant Time: Dec 07 15:30:40 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-BM120715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 15:08:30 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.72 | 152 | 82706 | 5.00 | ng | | 0.00 |
| 11) Naphthalene-d8 | 10.52 | 136 | 292321 | 5.00 | ng | | 0.00 |
| 20) Acenaphthene-d10 | 14.37 | 164 | 176326 | 5.00 | ng | | 0.00 |
| 27) Phenanthrene-d10 | 17.12 | 188 | 268164 | 5.00 | ng | | 0.00 |
| 31) Chrysene-d12 | 21.31 | 240 | 210129 | 5.00 | ng | | 0.00 |
| 35) Perylene-d12 | 23.59 | 264 | 194645 | 5.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.29 | 112 | 13761 | 0.97 | ng | | -0.02 |
| 5) Phenol-d6 | 6.88 | 99 | 19914 | 1.00 | ng | | 0.00 |
| 12) Nitrobenzene-d5 | 8.86 | 82 | 15813 | 1.02 | ng | | 0.00 |
| 21) 2,4,6-Tribromophenol | 15.85 | 330 | 3375 | 0.76 | ng | | 0.00 |
| 24) 2-Fluorobiphenyl | 13.00 | 172 | 54112 | 0.87 | ng | | 0.00 |
| 33) Terphenyl-d14 | 19.75 | 244 | 33385 | 1.17 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.22 | 88 | 6472 | 0.95 | ng | # | 12 |
| 3) n-Nitrosodimethylamine | 3.53 | 42 | 6373 | 0.98 | ng | | 85 |
| 6) 2-Chlorophenol | 7.29 | 128 | 18637 | 1.01 | ng | | 90 |
| 7) Phenol | 6.91 | 94 | 20509 | 0.99 | ng | | 99 |
| 8) bis(2-Chloroethyl)ether | 7.15 | 93 | 14929 | 1.01 | ng | # | 40 |
| 9) 2-Methylphenol | 8.17 | 107 | 11745 | 1.00 | ng | | 97 |
| 10) 3+4-Methylphenols | 8.48 | 107 | 17103 | 1.01 | ng | # | 36 |
| 13) Nitrobenzene | 8.91 | 77 | 16332 | 1.01 | ng | # | 44 |
| 14) 2-Nitrophenol | 9.65 | 139 | 6439 | 0.98 | ng | # | 74 |
| 15) 2,4-Dimethylphenol | 9.69 | 122 | 15747 | 1.02 | ng | # | 65 |
| 16) 2,4-Dichlorophenol | 10.16 | 162 | 14673 | 1.02 | ng | | 96 |
| 17) Hexachlorobutadiene | 10.84 | 225 | 10219 | 0.96 | ng | | 97 |
| 18) 4-Chloro-3-methylphenol | 11.80 | 107 | 12340 | 0.98 | ng | # | 1 |
| 19) 2-Methylnaphthalene | 12.18 | 142 | 44663 | 0.99 | ng | | 94 |
| 22) 2,4,6-Trichlorophenol | 12.80 | 196 | 9875 | 0.84 | ng | # | 56 |
| 23) 2,4,5-Trichlorophenol | 12.86 | 196 | 10866m | 0.81 | ng | | |
| 25) 2,4-Dinitrophenol | 14.49 | 184 | 1295 | 1.04 | ng | # | 73 |
| 26) 4-Nitrophenol | 14.57 | 139 | 4962m | 0.89 | ng | | |
| 28) 4,6-Dinitro-2-methylphenol | 15.50 | 198 | 3439 | 1.06 | ng | # | 32 |
| 29) Hexachlorobenzene | 16.42 | 284 | 9754 | 0.86 | ng | # | 1 |
| 30) Pentachlorophenol | 16.78 | 266 | 2633 | 0.85 | ng | # | 85 |
| 32) Benzidine | 19.38 | 184 | 15945 | 1.15 | ng | | 98 |
| 34) 3,3'-Dichlorobenzidine | 21.24 | 252 | 14611 | 0.97 | ng | # | 86 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120715\
Data File : BM003407.D
Acq On : 07 Dec 2015 14:48
Operator : UM/IZ
Sample : SSTDICV001
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 07 15:30:40 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 15:08:30 2015
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
ICVBM120715

**Manual Integrations APPROVED**
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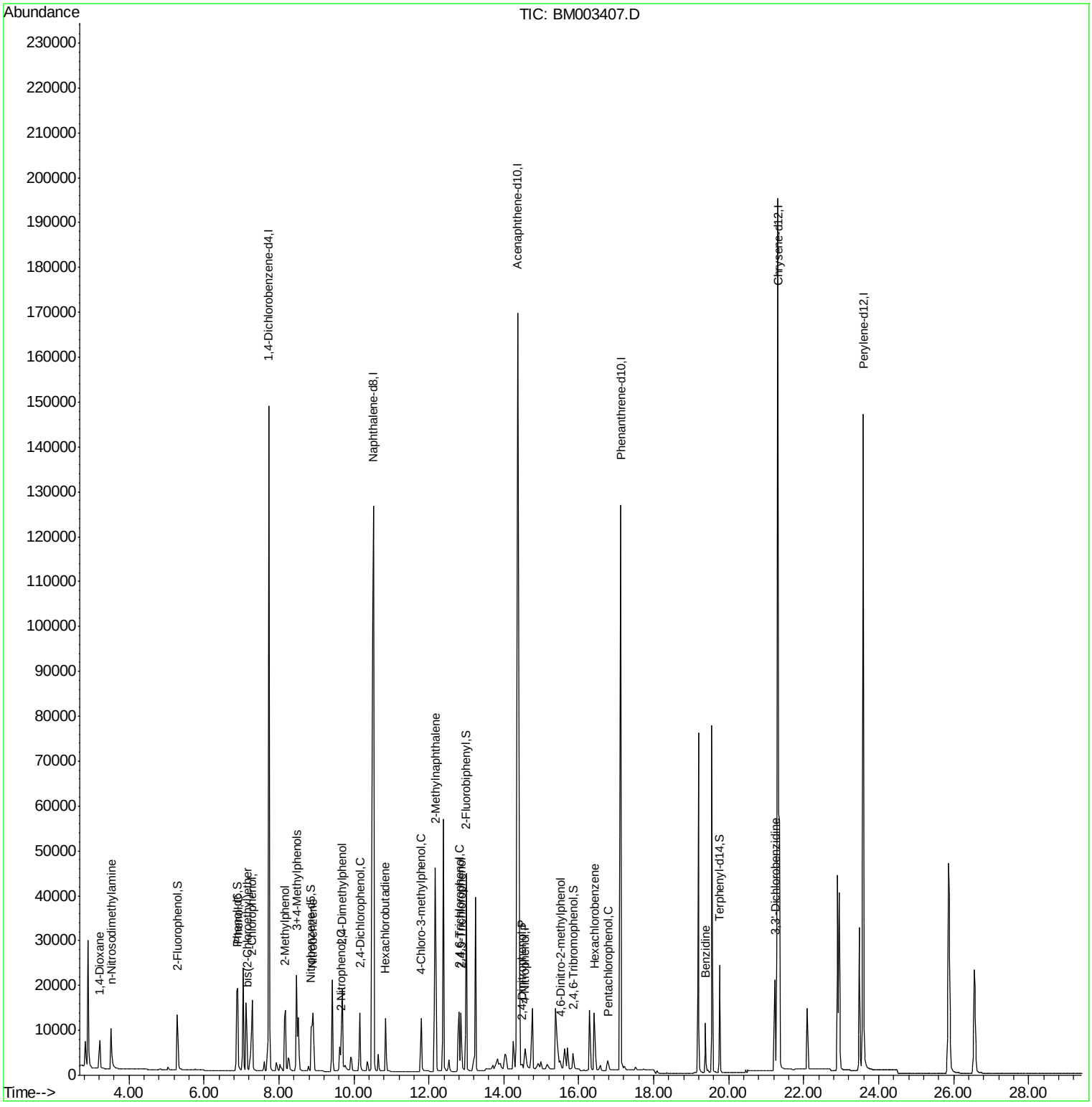
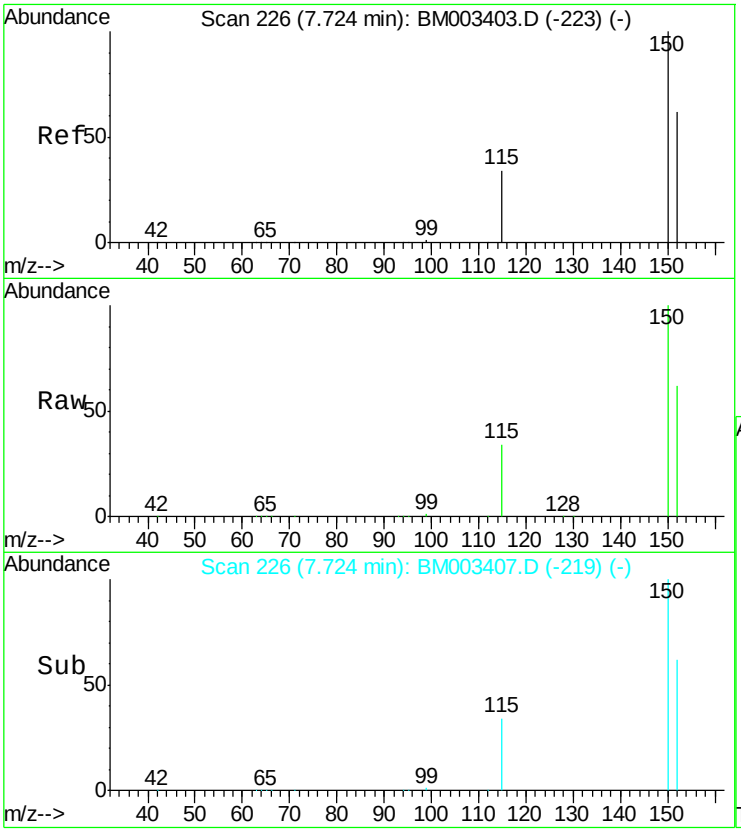
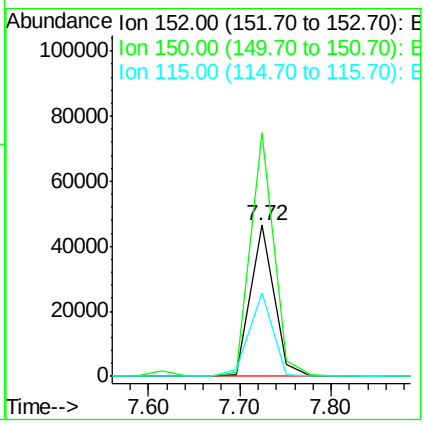





#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.72 min Scan# 226
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:152 Resp: 82706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 161.0 | 116.3 | 174.5 |
| 115 | 55.1 | 31.9 | 47.9# |




**Instrument :**
BNA_M
**ClientSampleId :**
ICVBM120715

**Manual Integrations APPROVED**
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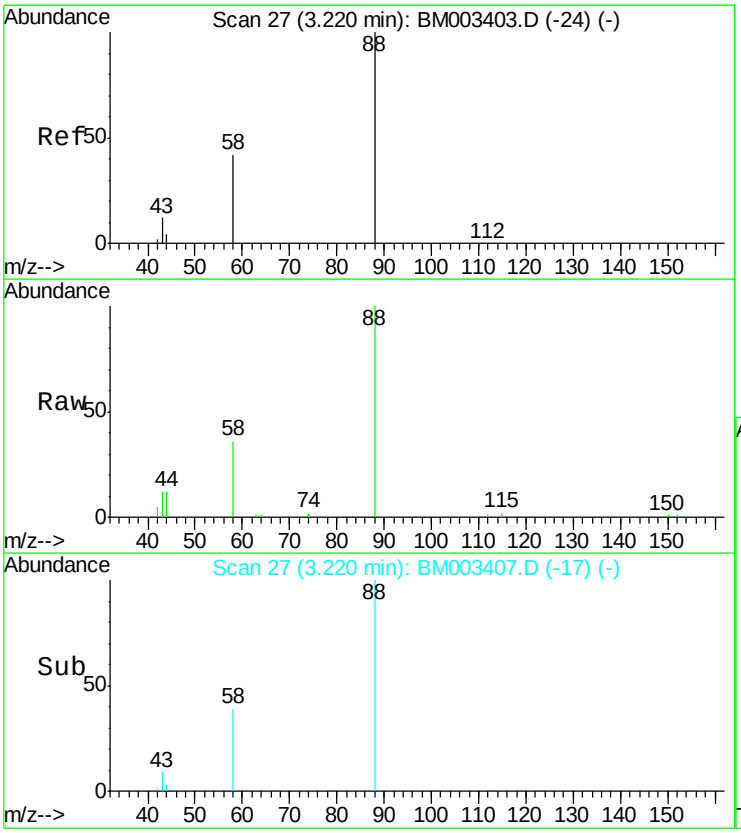
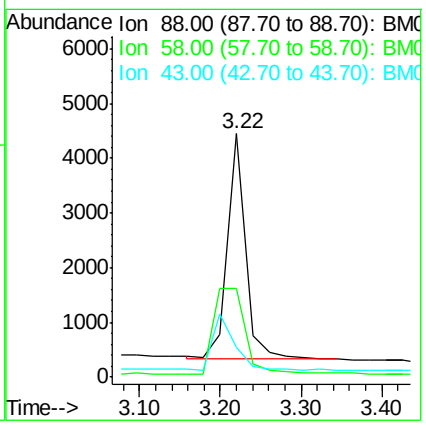
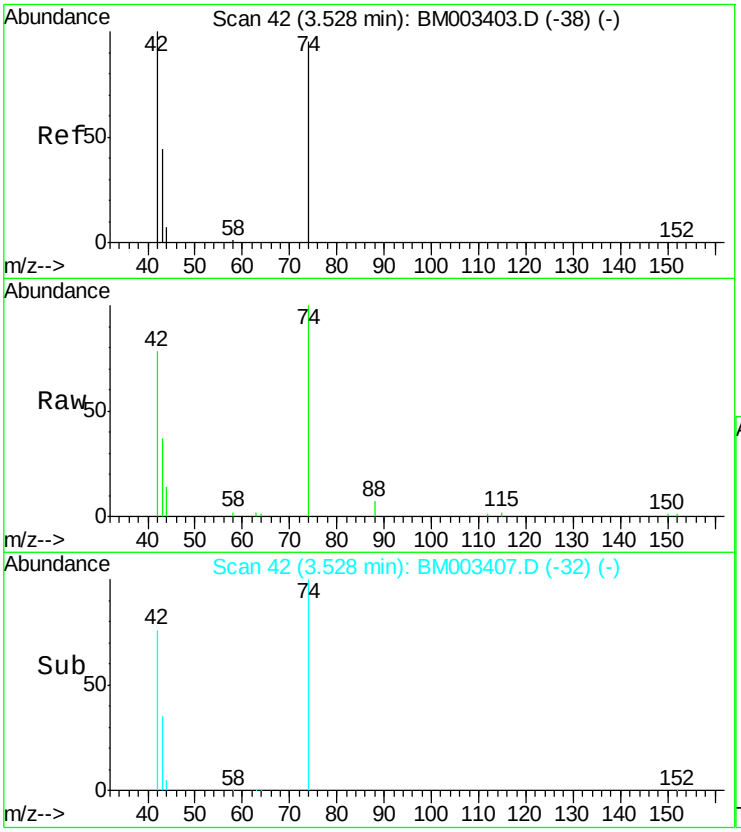



#2
1,4-Dioxane
Concen: 0.95 ng
RT: 3.22 min Scan# 27
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion: 88 Resp: 6472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 0.0 | 75.5 | 113.3# |
| 43 | 0.0 | 32.7 | 49.1# |

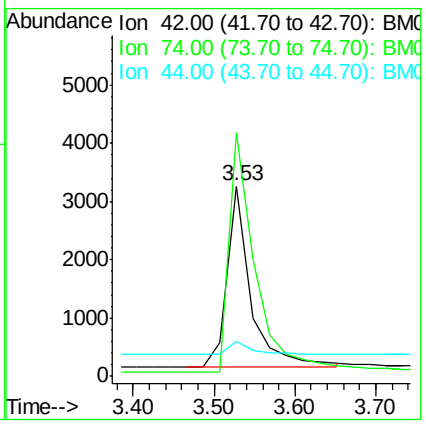





#3
n-Nitrosodimethylamine
Concen: 0.98 ng
RT: 3.53 min Scan# 42
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion: 42 Resp: 6373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 143.9 | 101.0 | 151.4 |
| 44 | 7.0 | 6.3 | 9.5 |




**Instrument :**
BNA_M
**ClientSampleId :**
ICVBM120715

**Manual Integrations APPROVED**
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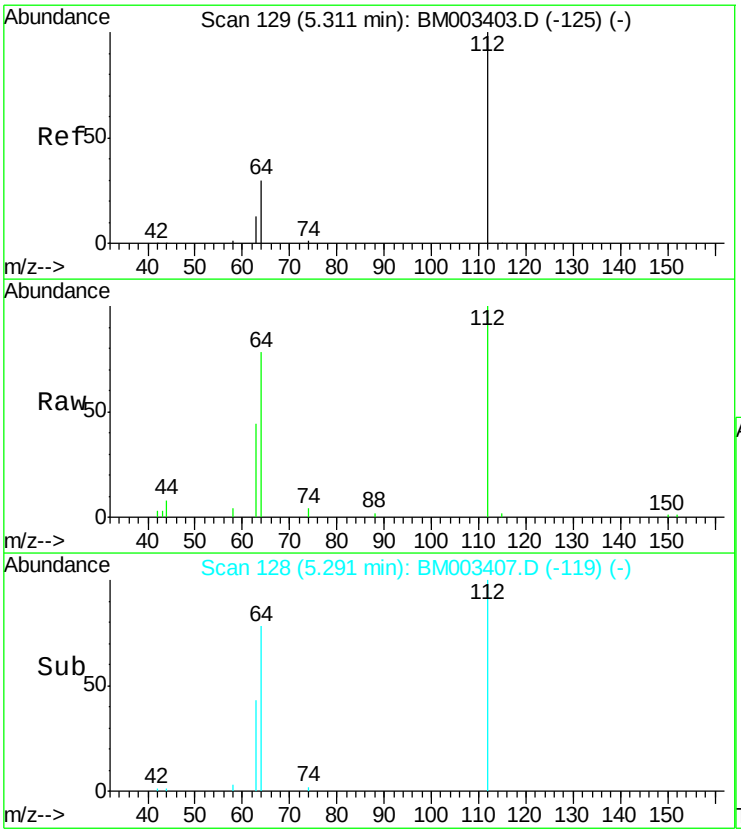
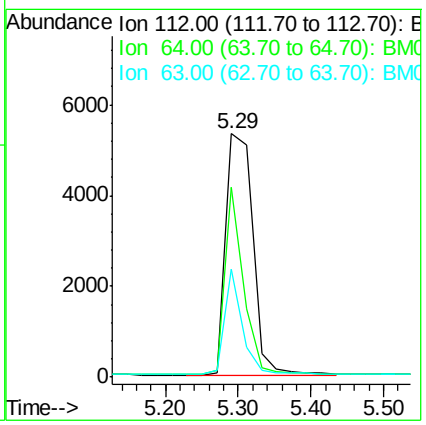
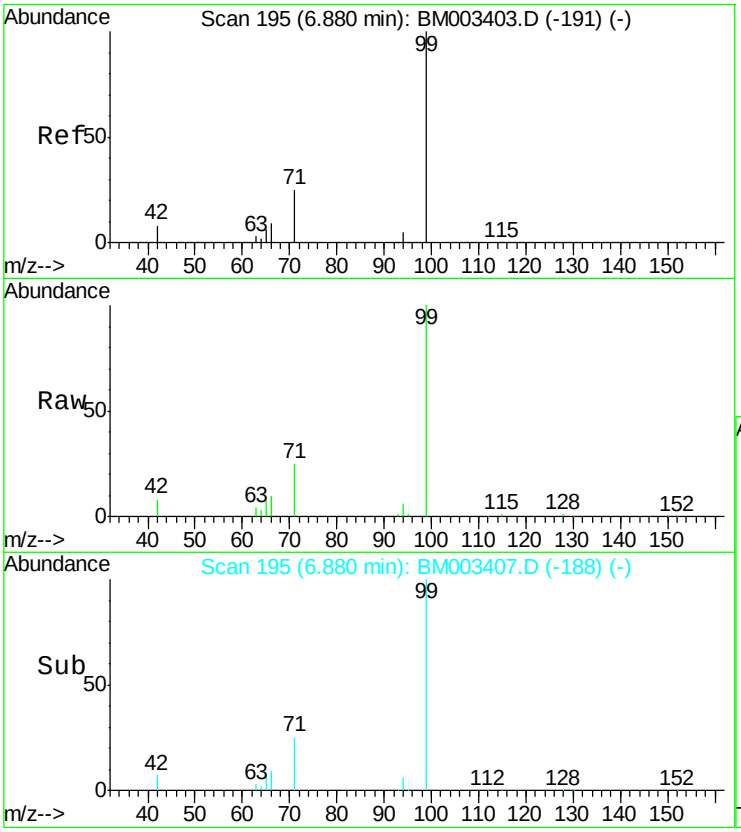



#4
2-Fluorophenol
Concen: 0.97 ng
RT: 5.29 min Scan# 128
Delta R.T. -0.02 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:112 Resp: 13761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 78.2 | 49.3 | 73.9# |
| 63 | 44.2 | 26.2 | 39.4# |






#5
Phenol-d6
Concen: 1.00 ng
RT: 6.88 min Scan# 195
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion: 99 Resp: 19914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 8.2 | 12.1 | 18.1# |
| 71 | 25.3 | 26.4 | 39.6# |

**Instrument :**
BNA_M
**ClientSampleId :**
ICVBM120715

**Manual Integrations APPROVED**
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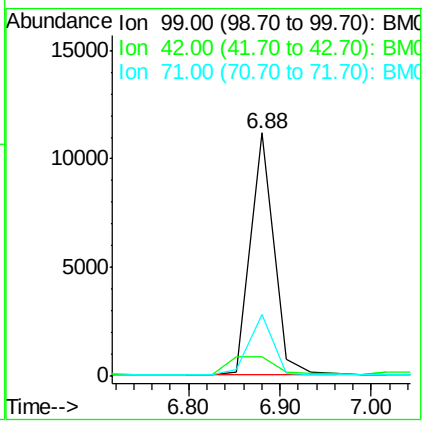
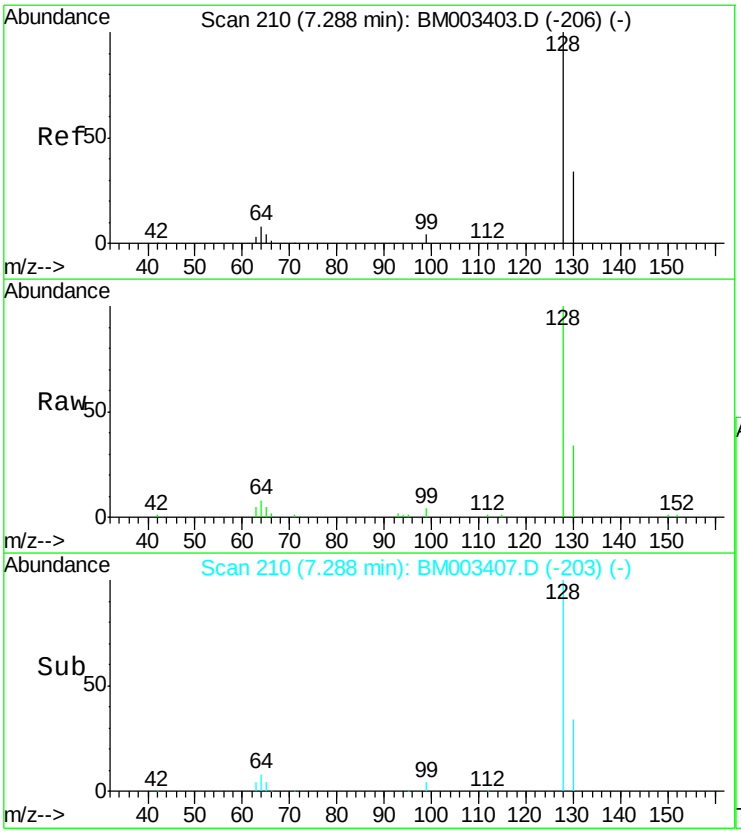
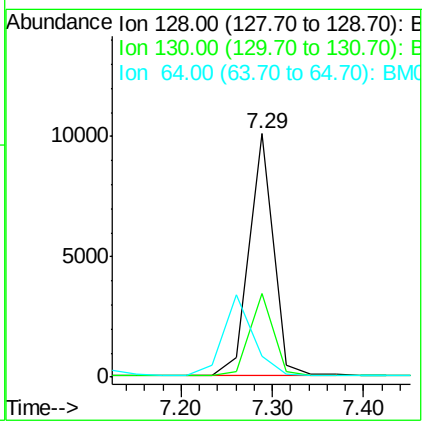


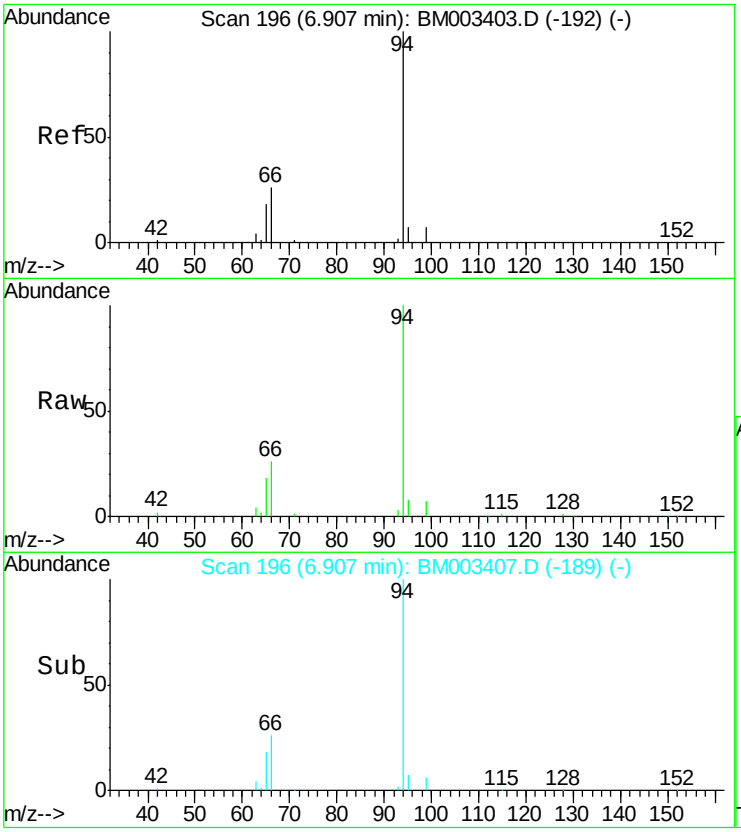




#6
2-Chlorophenol
Concen: 1.01 ng
RT: 7.29 min Scan# 210
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:128 Resp: 18637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 34.3 | 22.2 | 62.2 |
| 64 | 8.5 | 0.0 | 28.7 |

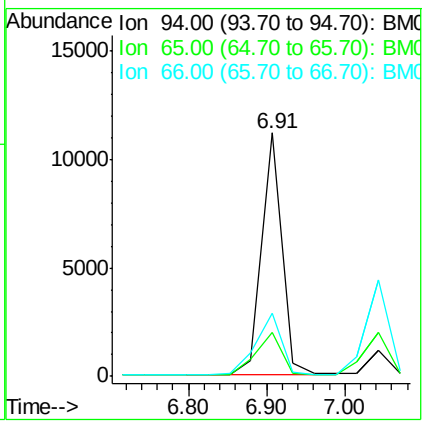





#7
Phenol
Concen: 0.99 ng
RT: 6.91 min Scan# 196
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion: 94 Resp: 20509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 18.1 | 0.0 | 37.7 |
| 66 | 26.1 | 6.3 | 46.3 |




**Instrument :**
BNA_M
**ClientSampleId :**
ICVBM120715

**Manual Integrations APPROVED**
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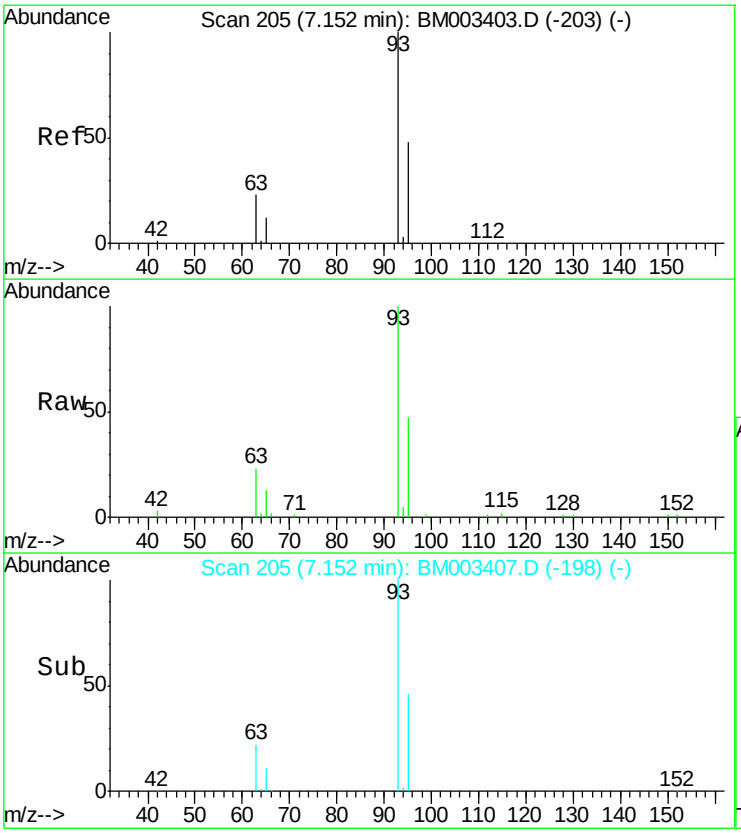
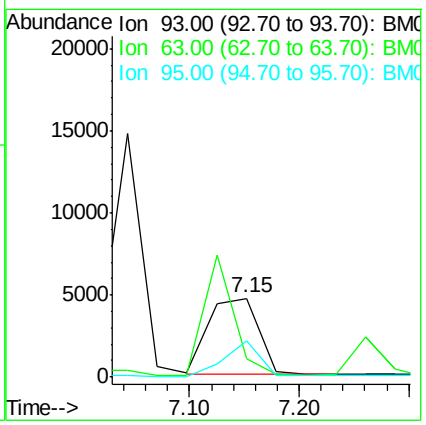
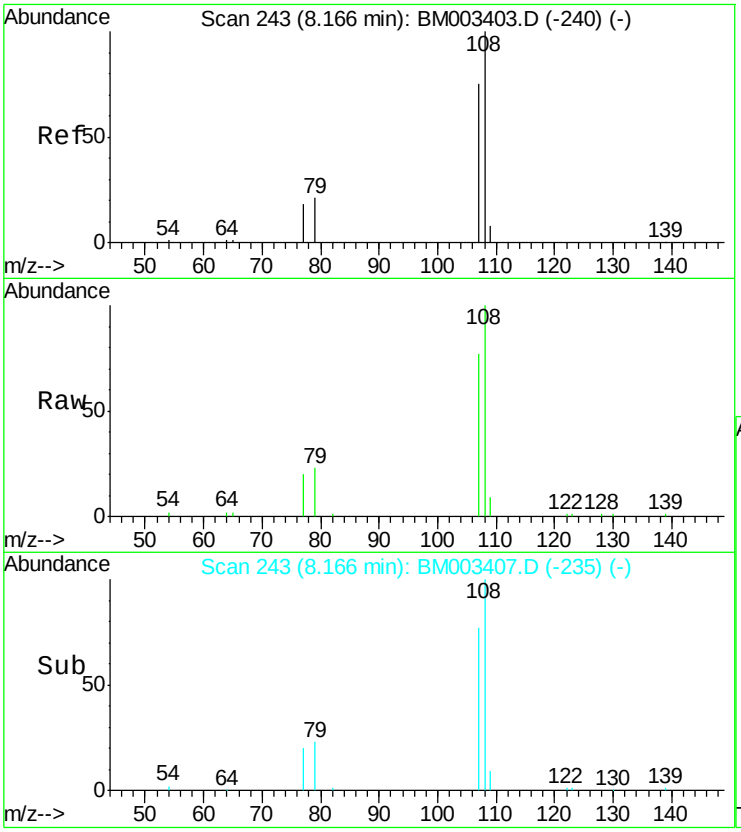



#8
bis(2-Chloroethyl)ether
Concen: 1.01 ng
RT: 7.15 min Scan# 205
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion: 93 Resp: 14929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 0.0 | 58.2 | 87.4# |
| 95 | 33.9 | 26.2 | 39.4 |

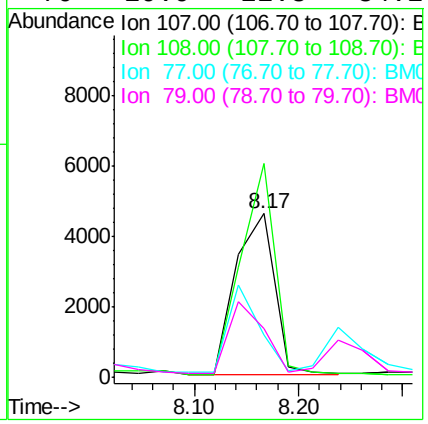





#9
2-Methylphenol
Concen: 1.00 ng
RT: 8.17 min Scan# 243
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:107 Resp: 11745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 130.7 | 100.9 | 151.3 |
| 77 | 26.2 | 20.3 | 30.5 |
| 79 | 29.9 | 22.8 | 34.2 |




**Instrument :**
BNA_M
**ClientSampleId :**
ICVBM120715

**Manual Integrations APPROVED**
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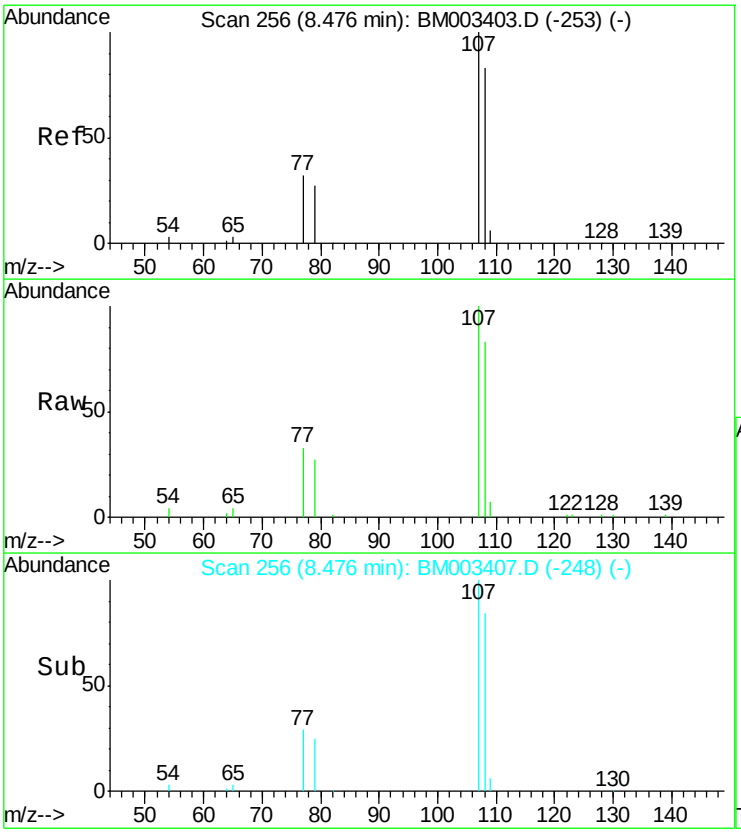
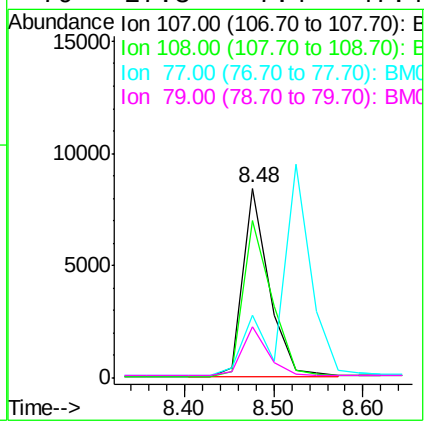
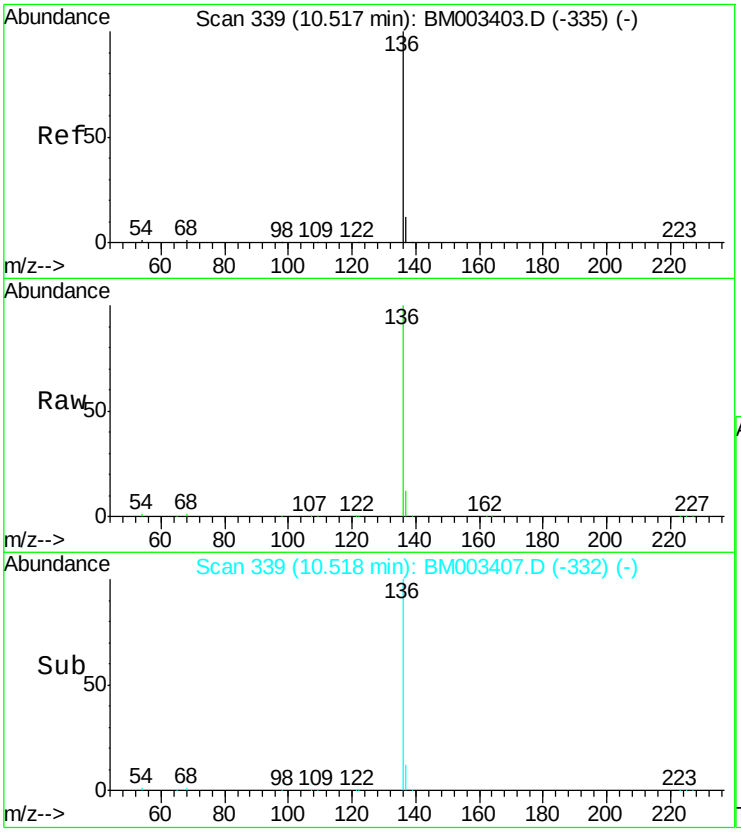



#10
3+4-Methylphenols
Concen: 1.01 ng
RT: 8.48 min Scan# 256
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:107 Resp: 17103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 83.3 | 86.3 | 126.3# |
| 77 | 32.9 | 151.7 | 191.7# |
| 79 | 27.3 | 7.4 | 47.4 |

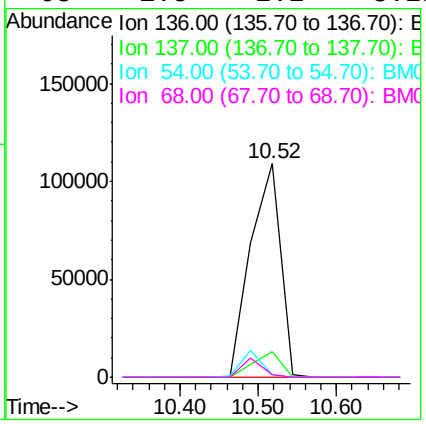





#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.52 min Scan# 339
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:136 Resp: 292321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.2 | 9.1 | 13.7 |
| 54 | 1.1 | 2.6 | 3.8# |
| 68 | 1.5 | 2.2 | 3.2# |




**Instrument :**
BNA_M
**ClientSampleId :**
ICVBM120715

**Manual Integrations APPROVED**
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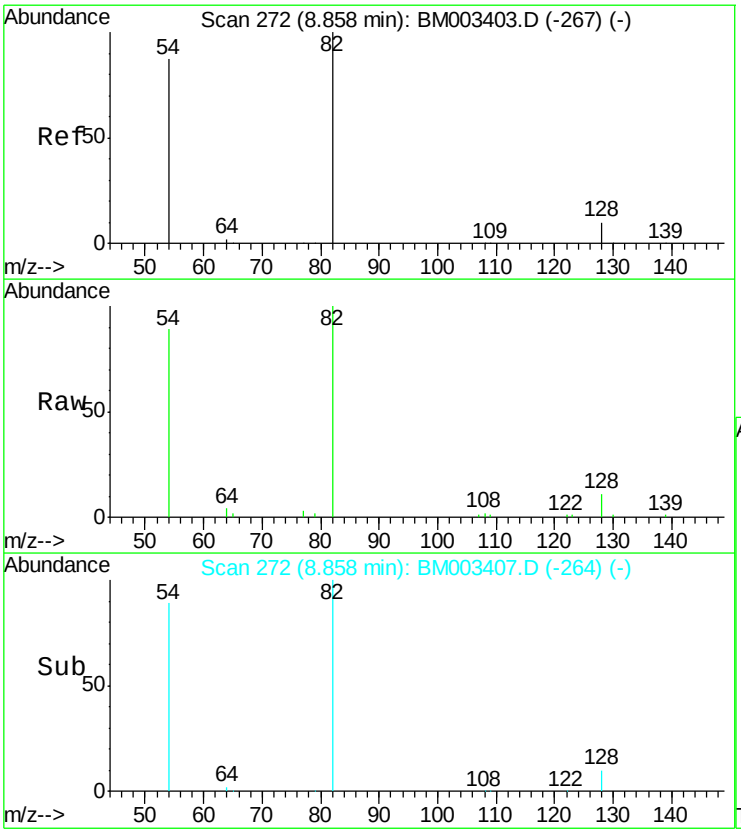
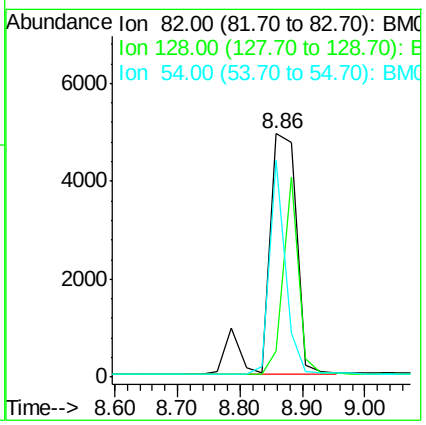
12/8/2015 6:14:45 PM

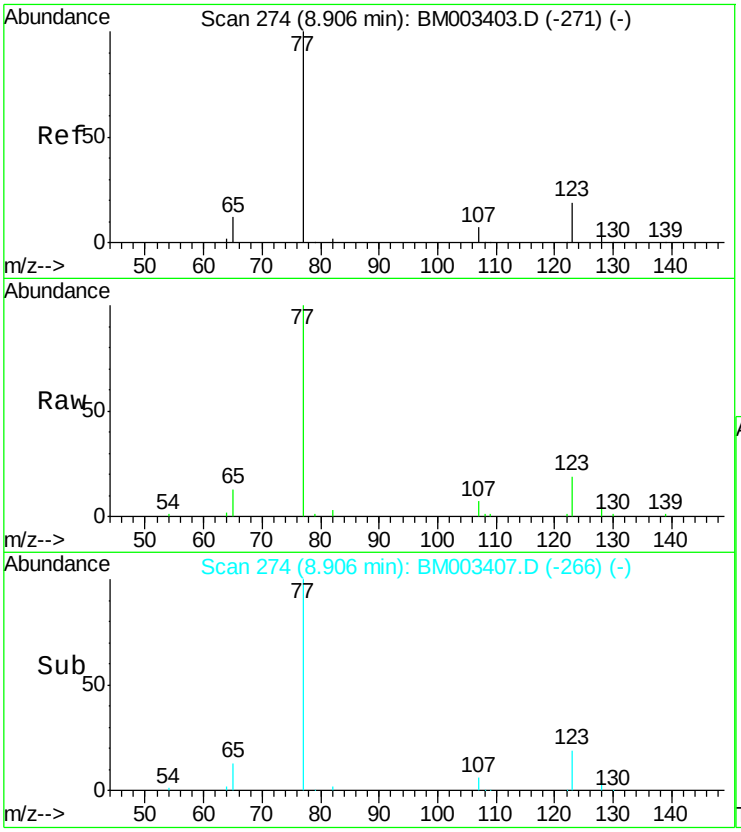



#12
Nitrobenzene-d5
Concen: 1.02 ng
RT: 8.86 min Scan# 272
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion: 82 Resp: 15813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 0.0 | 0.0 | 0.0 |
| 54 | 49.5 | 59.0 | 88.6# |






#13
Nitrobenzene
Concen: 1.01 ng
RT: 8.91 min Scan# 274
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion: 77 Resp: 16332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 0.0 | 37.7 | 56.5# |
| 65 | 12.1 | 9.8 | 14.6 |

**Instrument :**
BNA_M
**ClientSampleId :**
ICVBM120715

**Manual Integrations APPROVED**
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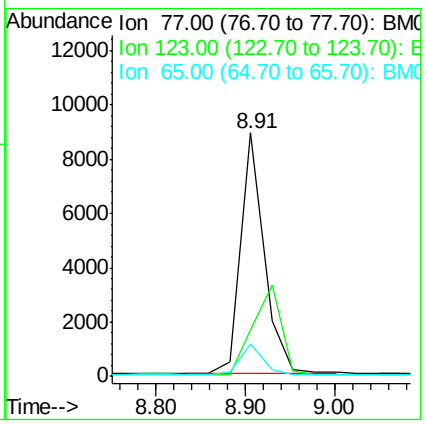
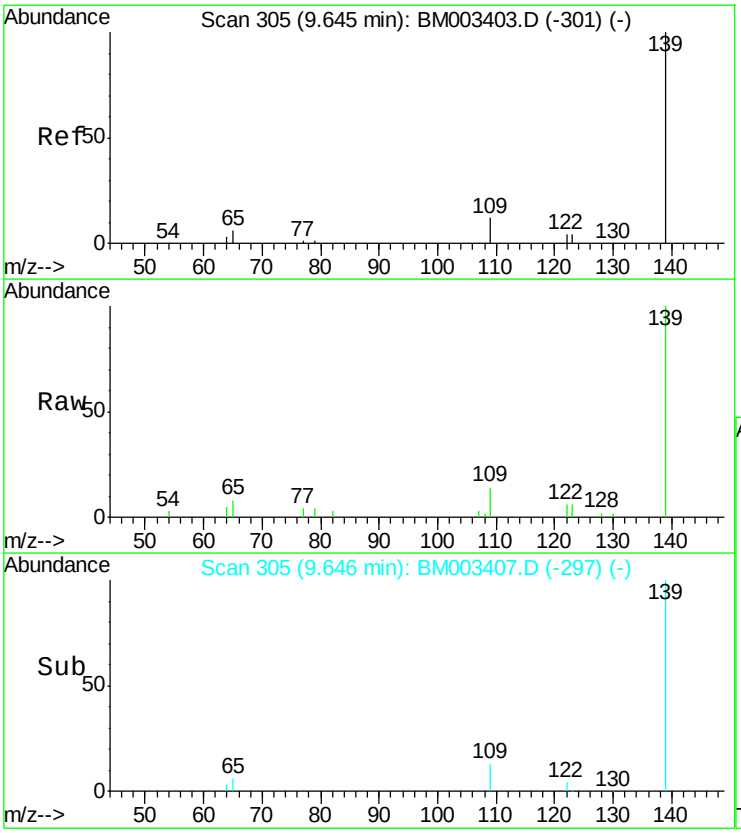
12/8/2015 6:14:45 PM

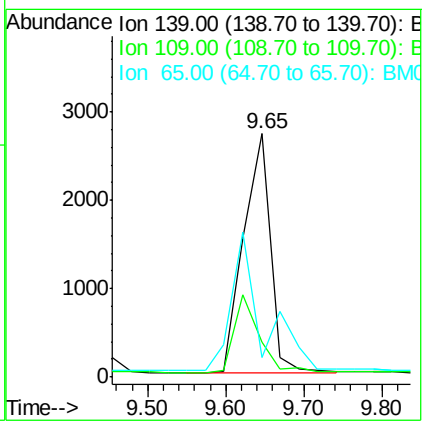


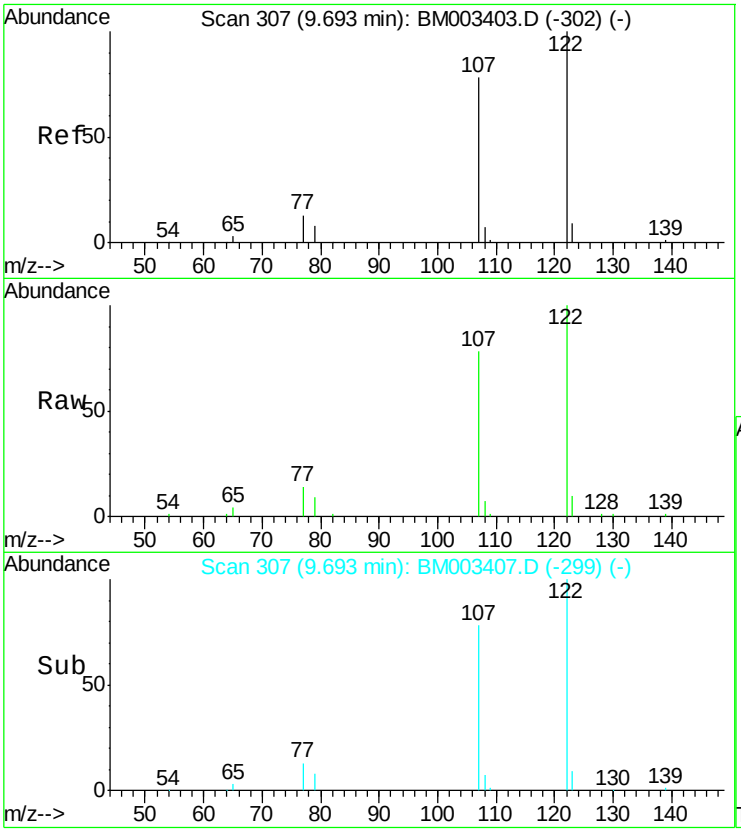




#14
2-Nitrophenol
Concen: 0.98 ng
RT: 9.65 min Scan# 305
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:139 Resp: 6439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 14.3 | 19.5 | 29.3# |
| 65 | 8.0 | 18.6 | 28.0# |

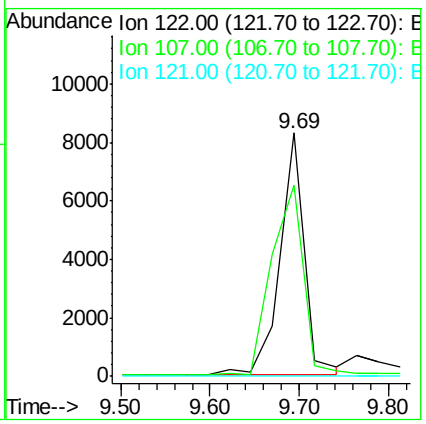





#15
2,4-Dimethylphenol
Concen: 1.02 ng
RT: 9.69 min Scan# 307
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:122 Resp: 15747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 78.5 | 68.6 | 102.8 |
| 121 | 0.0 | 44.8 | 67.2# |




**Instrument :**
BNA_M
**ClientSampleId :**
ICVBM120715

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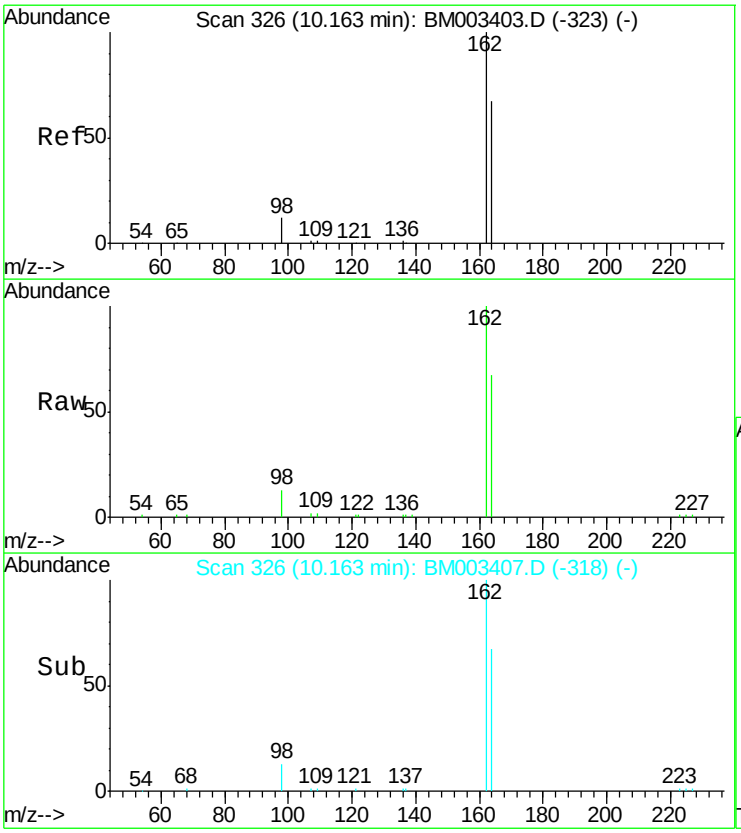
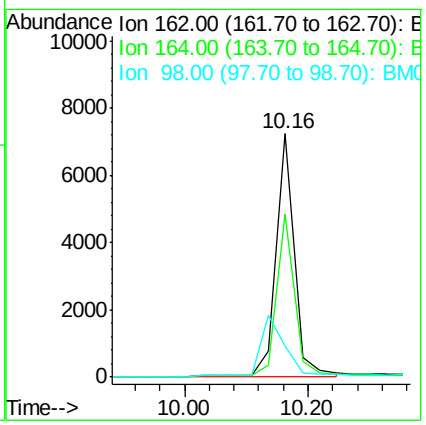
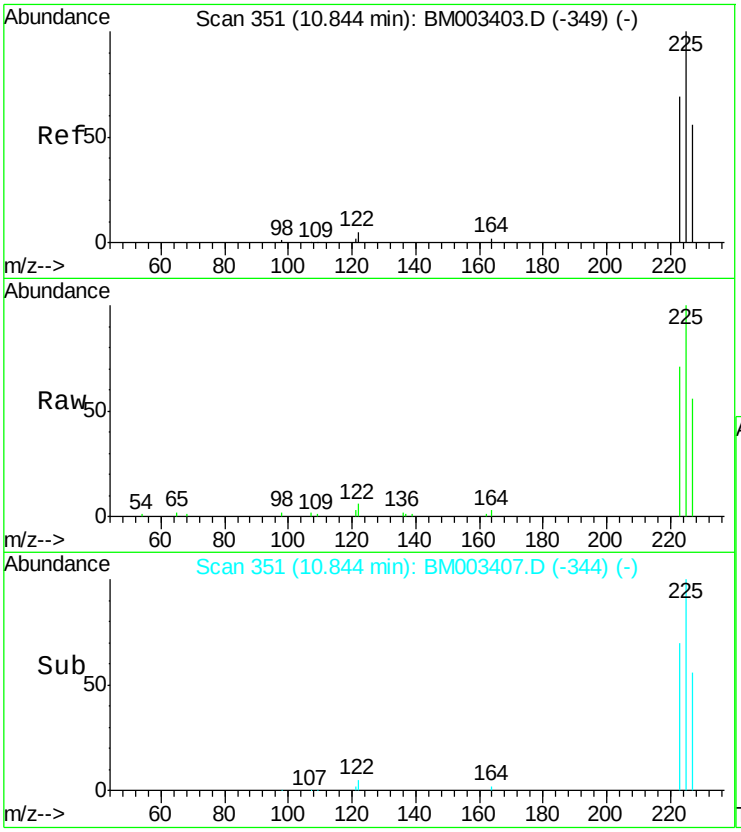



#16
2,4-Dichlorophenol
Concen: 1.02 ng
RT: 10.16 min Scan# 326
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:162 Resp: 14673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 67.1 | 49.2 | 89.2 |
| 98 | 12.8 | 0.0 | 37.4 |

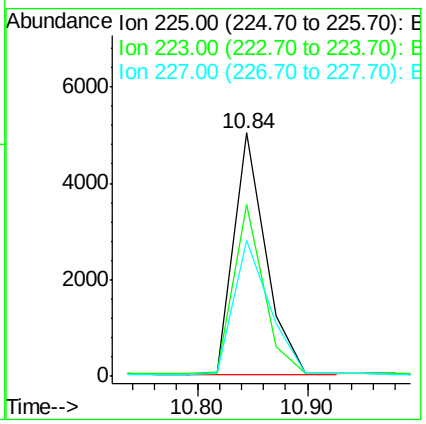





#17
Hexachlorobutadiene
Concen: 0.96 ng
RT: 10.84 min Scan# 351
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:225 Resp: 10219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 65.7 | 53.0 | 79.4 |
| 227 | 61.4 | 52.2 | 78.4 |




**Instrument :**
BNA_M
**ClientSampleId :**
ICVBM120715

**Manual Integrations APPROVED**
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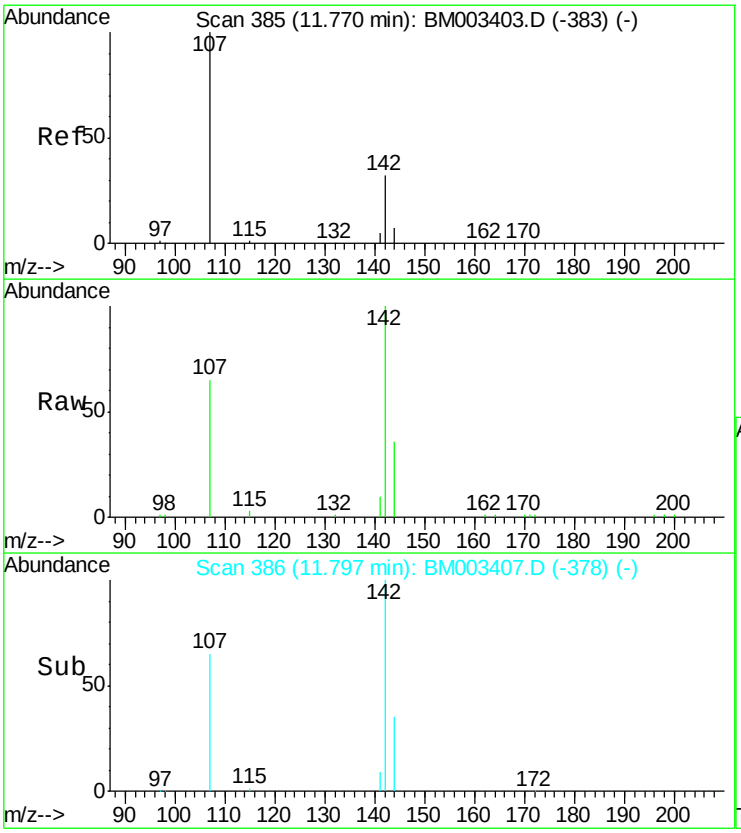
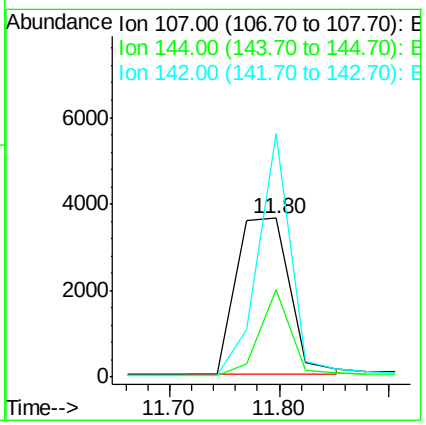
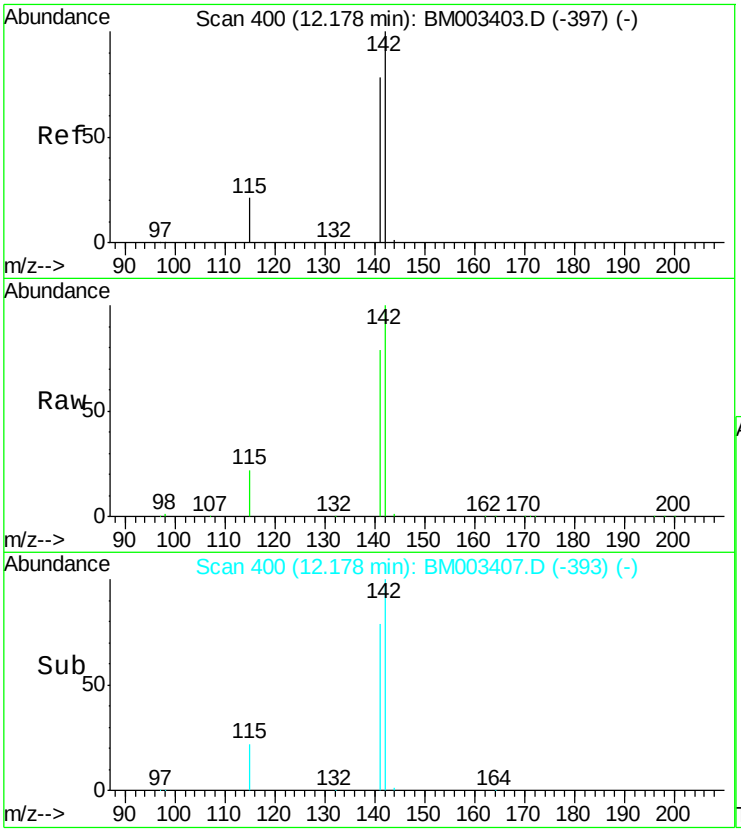



#18
4-Chloro-3-methylphenol
Concen: 0.98 ng
RT: 11.80 min Scan# 386
Delta R.T. 0.03 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:107 Resp: 12340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 55.0 | 16.2 | 24.2# |
| 142 | 153.4 | 49.8 | 74.6# |

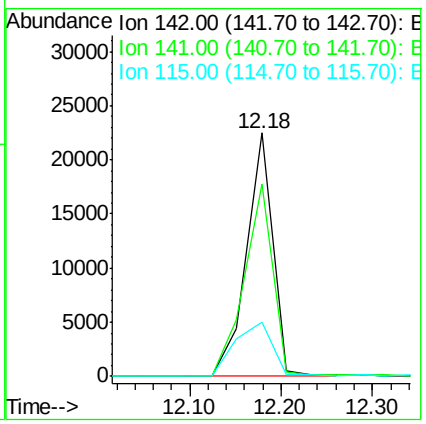





#19
2-Methylnaphthalene
Concen: 0.99 ng
RT: 12.18 min Scan# 400
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:142 Resp: 44663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 85.4 | 71.4 | 107.0 |
| 115 | 31.0 | 29.3 | 43.9 |




**Instrument :**
BNA_M
**ClientSampleId :**
ICVBM120715

**Manual Integrations APPROVED**
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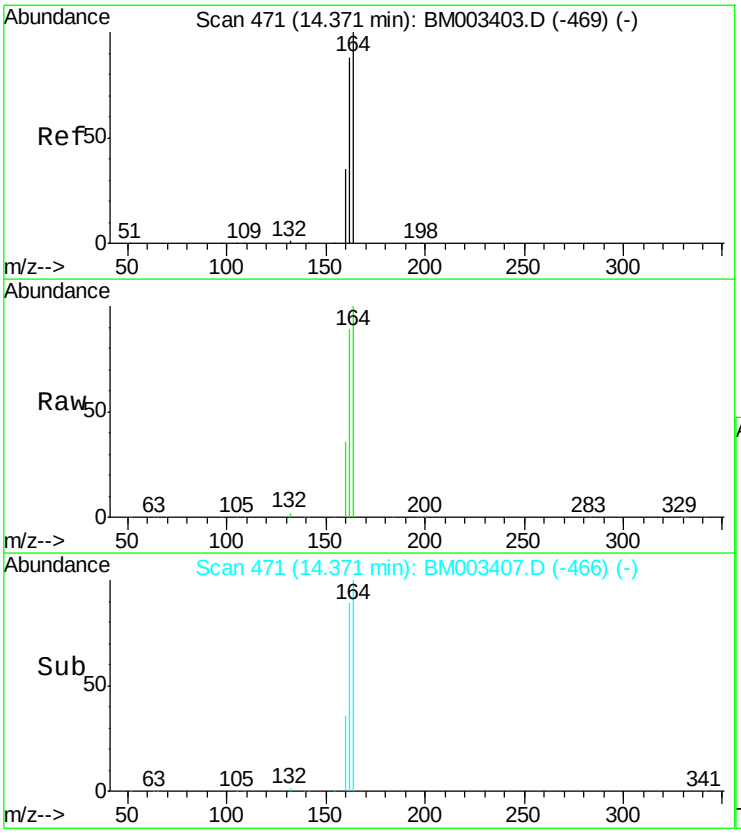
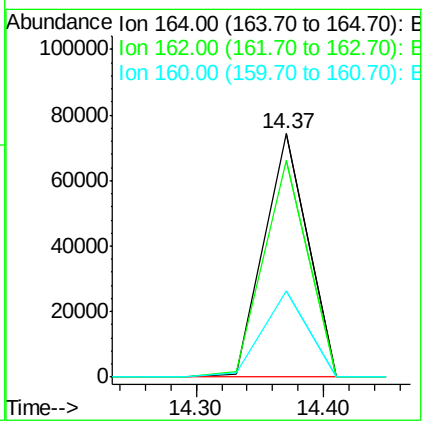
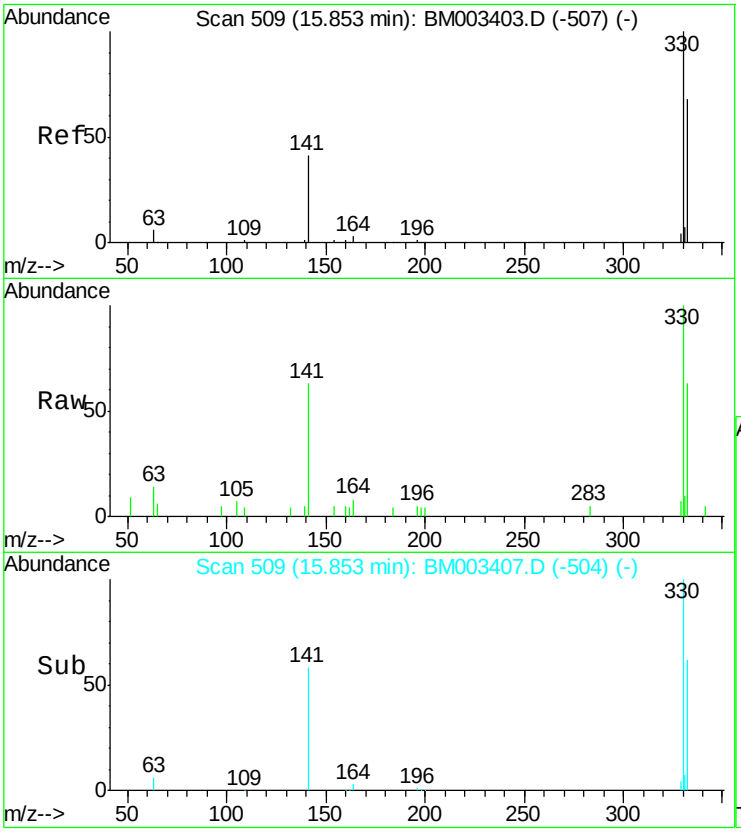



#20
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.37 min Scan# 471
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:164 Resp: 176326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 89.2 | 79.2 | 118.8 |
| 160 | 35.6 | 33.7 | 50.5 |

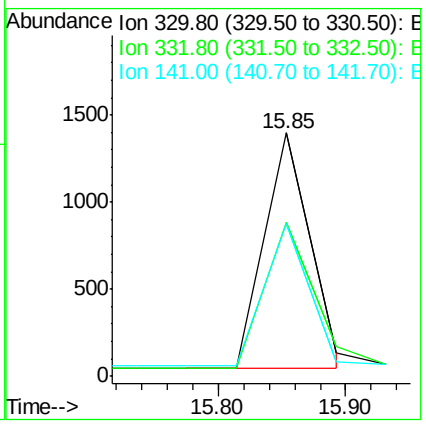





#21
2,4,6-Tribromophenol
Concen: 0.76 ng
RT: 15.85 min Scan# 509
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:330 Resp: 3375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 66.7 | 74.0 | 111.0# |
| 141 | 58.8 | 24.1 | 36.1# |




**Instrument :**
BNA_M
**ClientSampleId :**
ICVBM120715

**Manual Integrations APPROVED**
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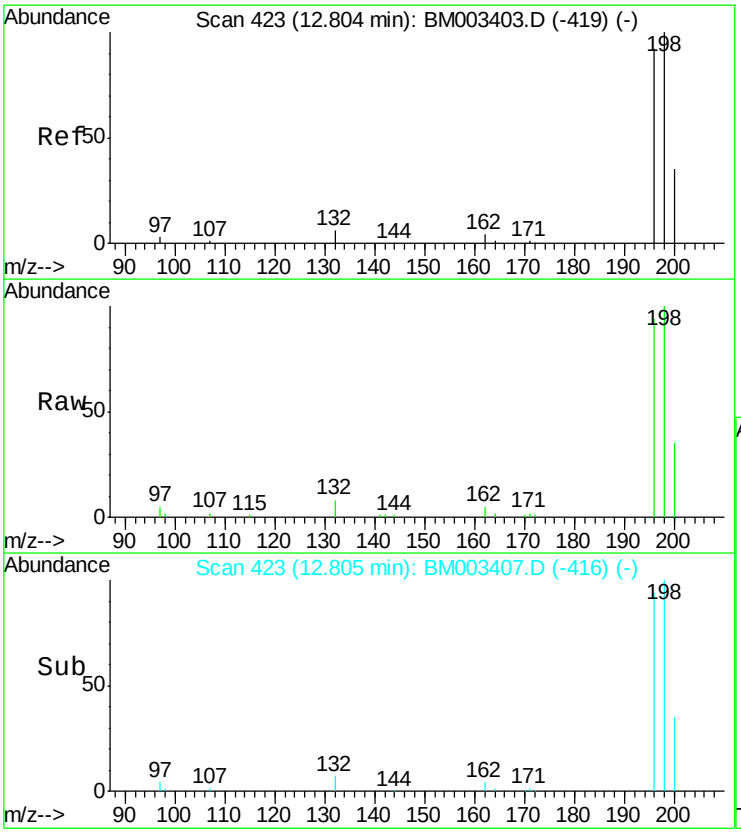
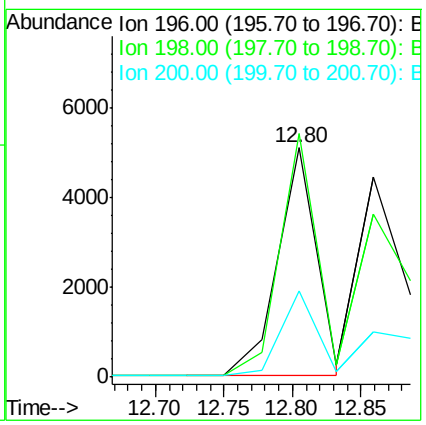
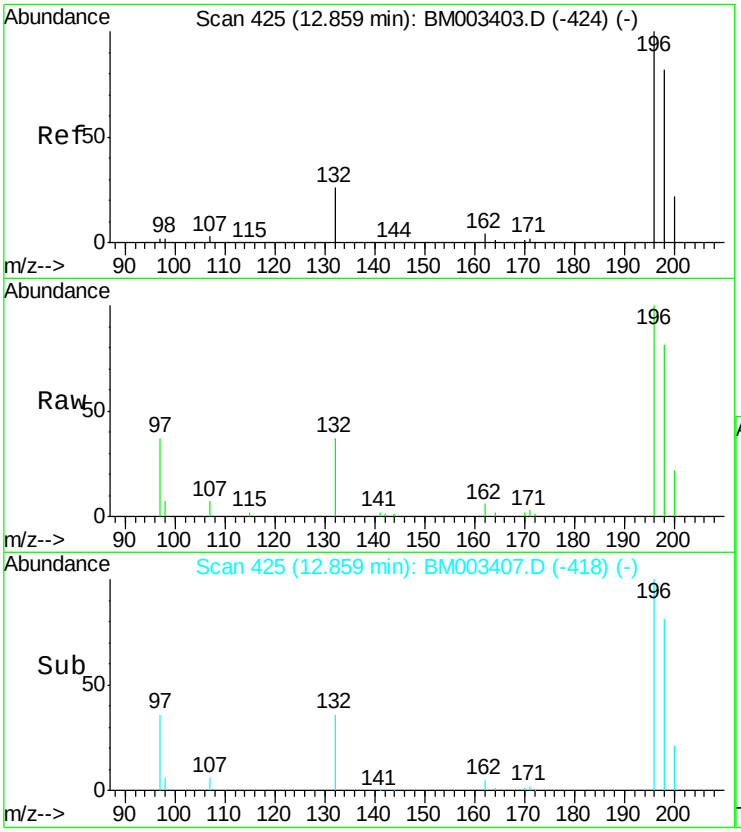



#22
2,4,6-Trichlorophenol
Concen: 0.84 ng
RT: 12.80 min Scan# 423
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:196 Resp: 9875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 106.2 | 54.2 | 81.2# |
| 200 | 37.5 | 17.1 | 25.7# |

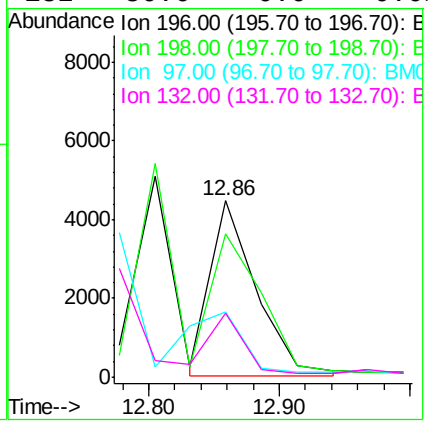





#23
2,4,5-Trichlorophenol
Concen: 0.81 ng m
RT: 12.86 min Scan# 425
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:196 Resp: 10866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 81.1 | 73.6 | 110.4 |
| 97 | 36.8 | 0.0 | 0.0# |
| 132 | 36.6 | 0.0 | 0.0# |




**Instrument :**
BNA_M
**ClientSampleId :**
ICVBM120715

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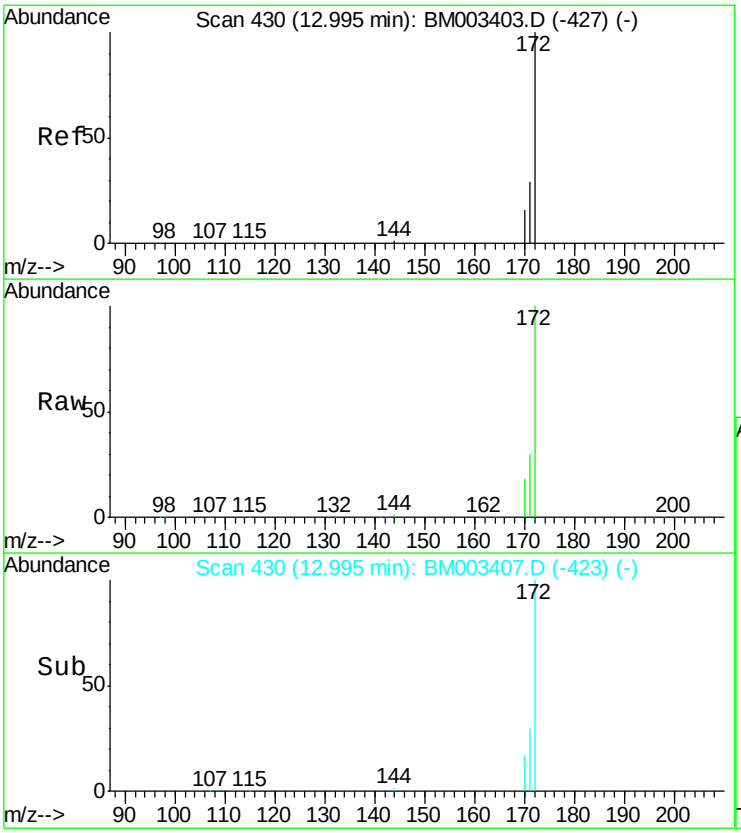
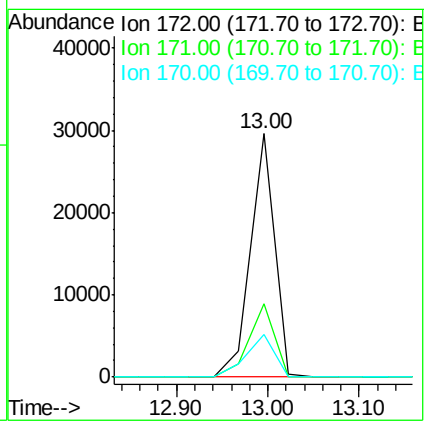
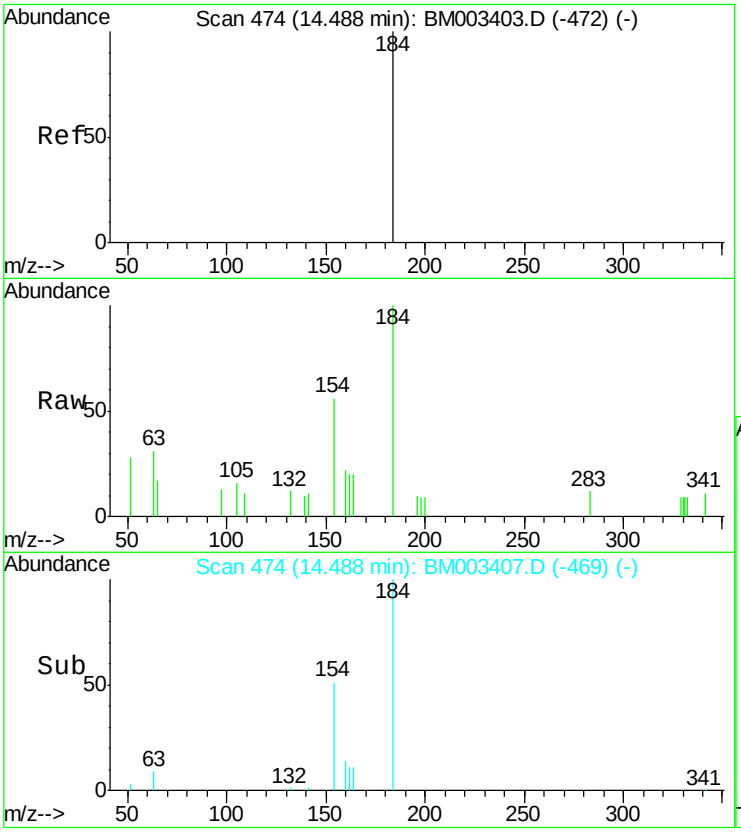



#24
2-Fluorobiphenyl
Concen: 0.87 ng
RT: 13.00 min Scan# 430
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:172 Resp: 54112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 31.6 | 28.0 | 42.0 |
| 170 | 20.3 | 18.9 | 28.3 |

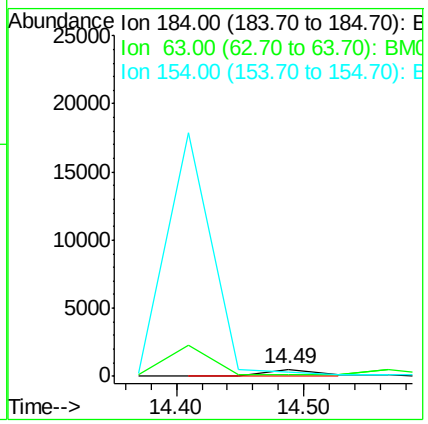





#25
2,4-Dinitrophenol
Concen: 1.04 ng
RT: 14.49 min Scan# 474
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:184 Resp: 1295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 31.2 | 52.0 | 78.0# |
| 154 | 56.2 | 51.4 | 77.2 |




**Instrument :**
BNA_M
**ClientSampleId :**
ICVBM120715

**Manual Integrations APPROVED**
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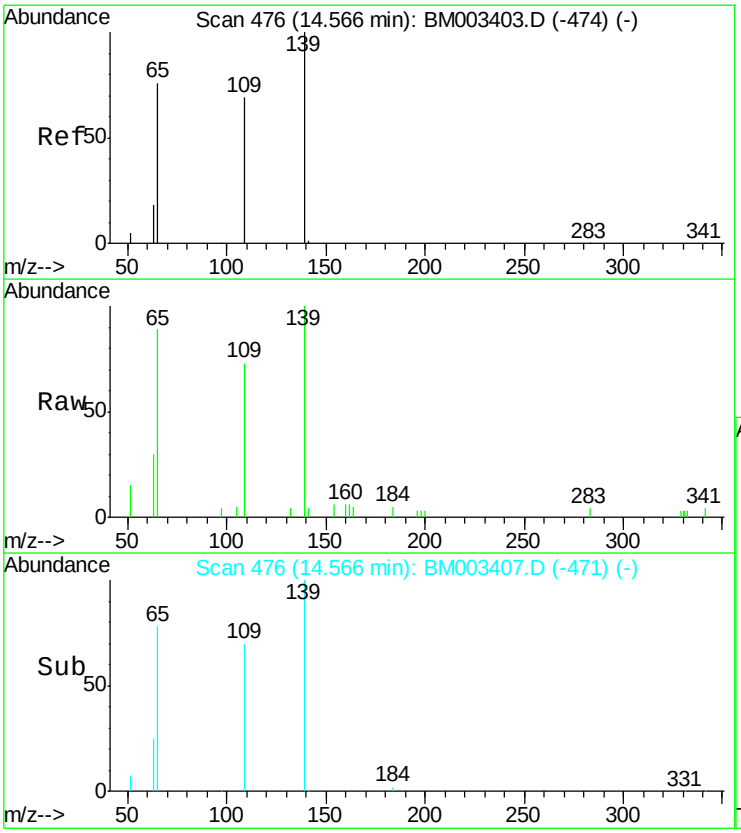
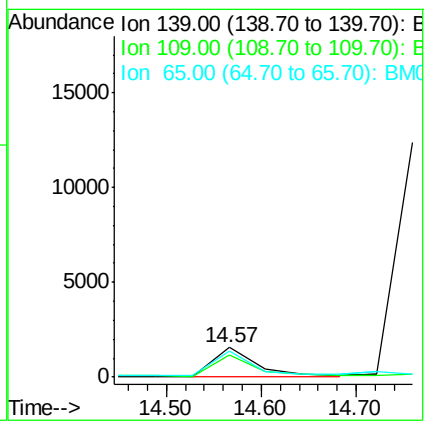
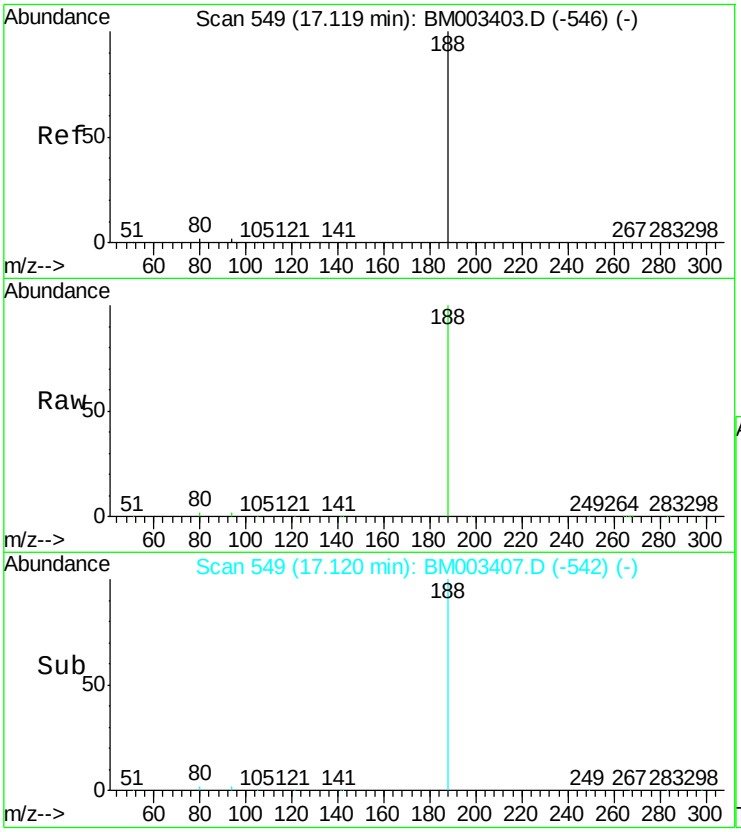



#26
4-Nitrophenol
Concen: 0.89 ng m
RT: 14.57 min Scan# 476
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:139 Resp: 4962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 73.1 | 60.0 | 100.0 |
| 65 | 88.6 | 85.7 | 125.7 |






#27
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.12 min Scan# 549
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:188 Resp: 268164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 2.4 | 2.9 | 4.3# |
| 80 | 1.8 | 2.5 | 3.7# |

**Instrument :**
BNA_M
**ClientSampleId :**
ICVBM120715

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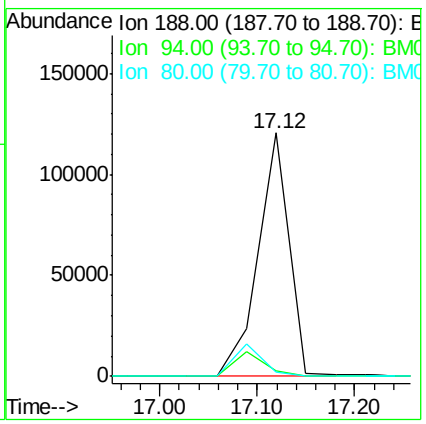
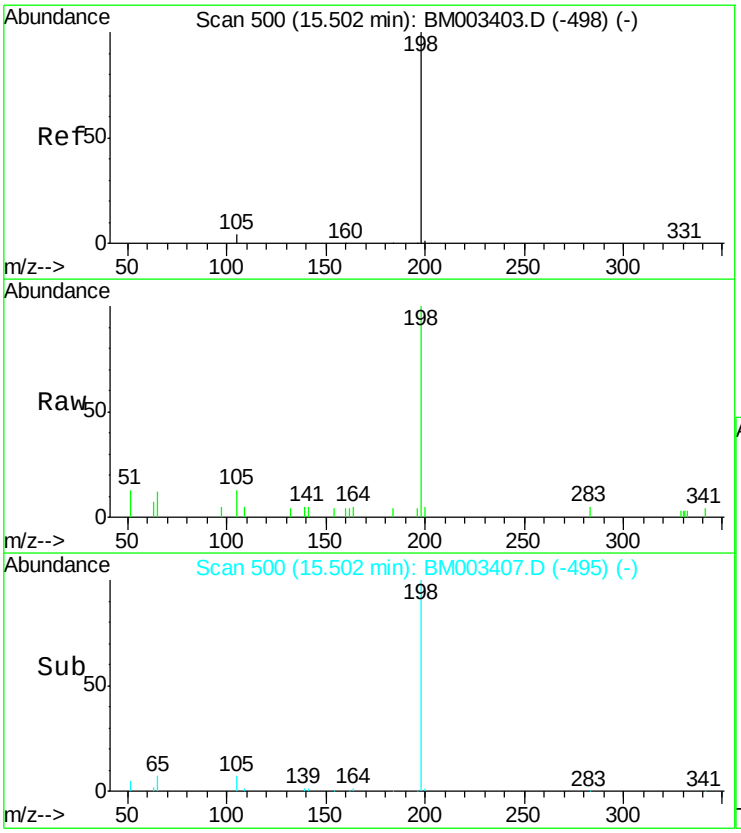
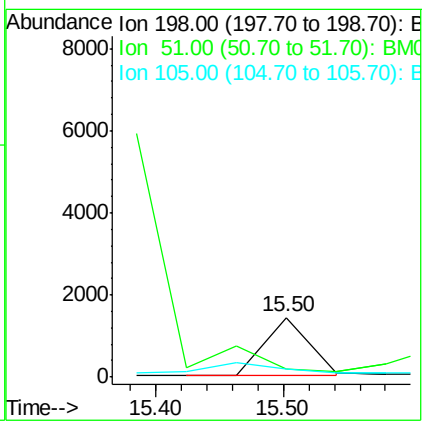


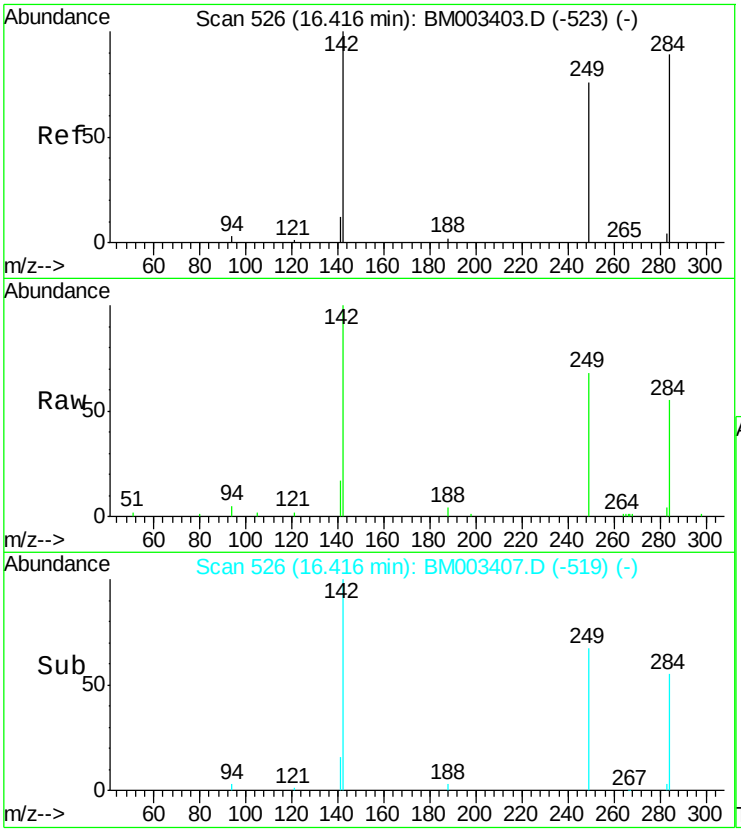




#28
4,6-Dinitro-2-methylphenol
Concen: 1.06 ng
RT: 15.50 min Scan# 500
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:198 Resp: 3439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 12.7 | 60.8 | 100.8# |
| 105 | 12.8 | 30.0 | 70.0# |

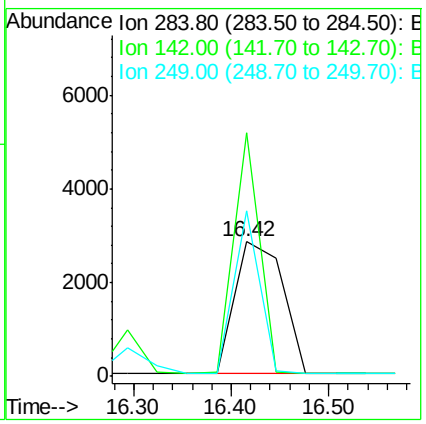





#29
Hexachlorobenzene
Concen: 0.86 ng
RT: 16.42 min Scan# 526
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:284 Resp: 9754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 97.9 | 23.3 | 34.9# |
| 249 | 66.5 | 23.3 | 34.9# |




**Instrument :**
BNA_M
**ClientSampleId :**
ICVBM120715

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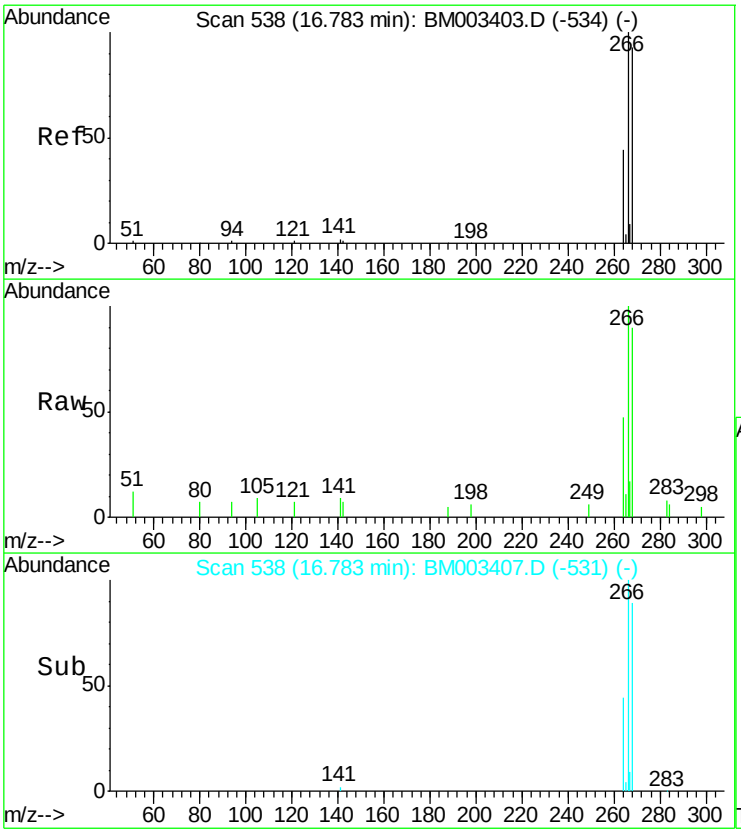
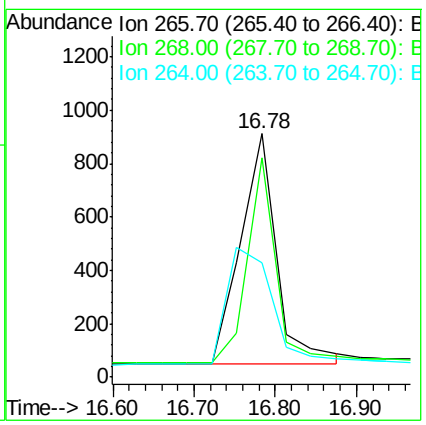
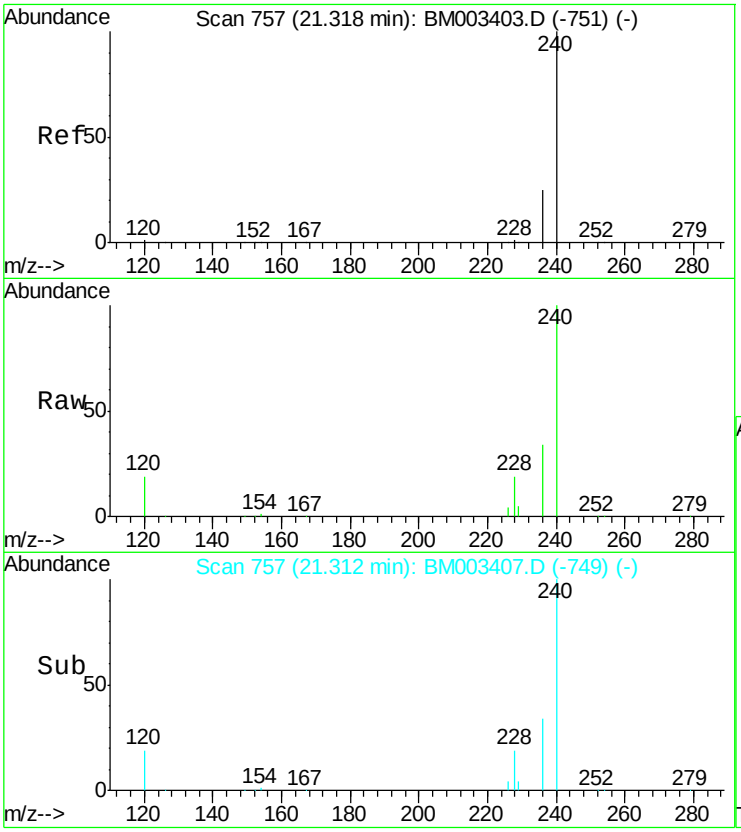



#30
Pentachlorophenol
Concen: 0.85 ng
RT: 16.78 min Scan# 538
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:266 Resp: 2633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 90.4 | 62.6 | 94.0 |
| 264 | 47.0 | 47.9 | 71.9# |

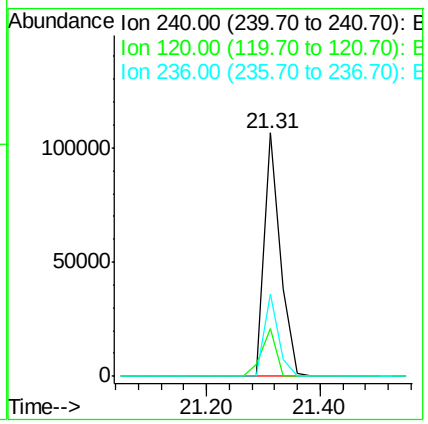





#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 757
Delta R.T. -0.01 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:240 Resp: 210129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 19.4 | 10.4 | 15.6# |
| 236 | 34.1 | 22.0 | 33.0# |




**Instrument :**
BNA_M
**ClientSampleId :**
ICVBM120715

**Manual Integrations APPROVED**
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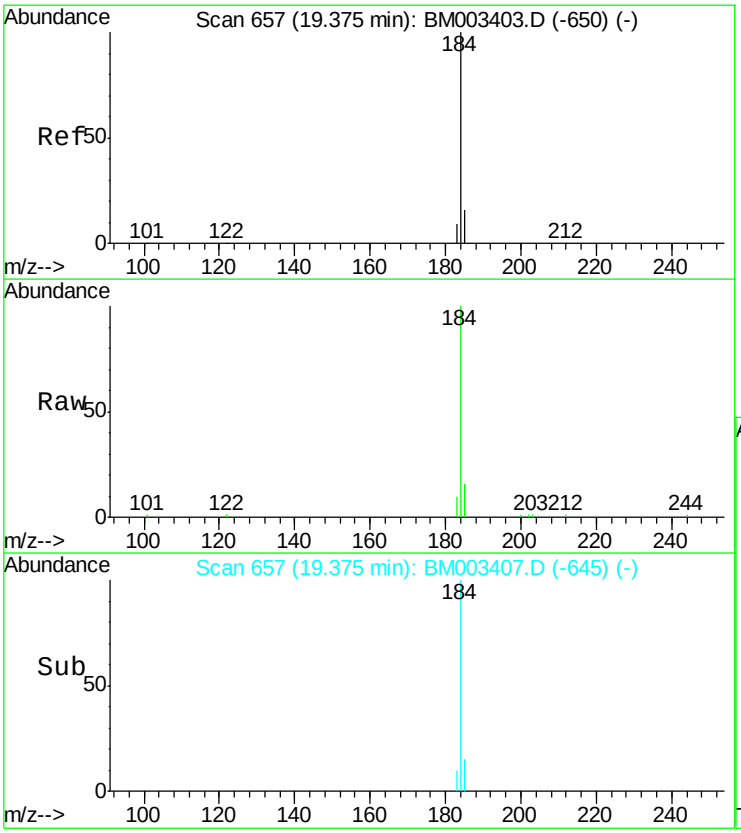
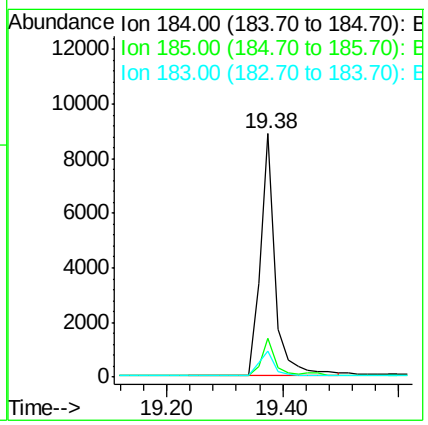
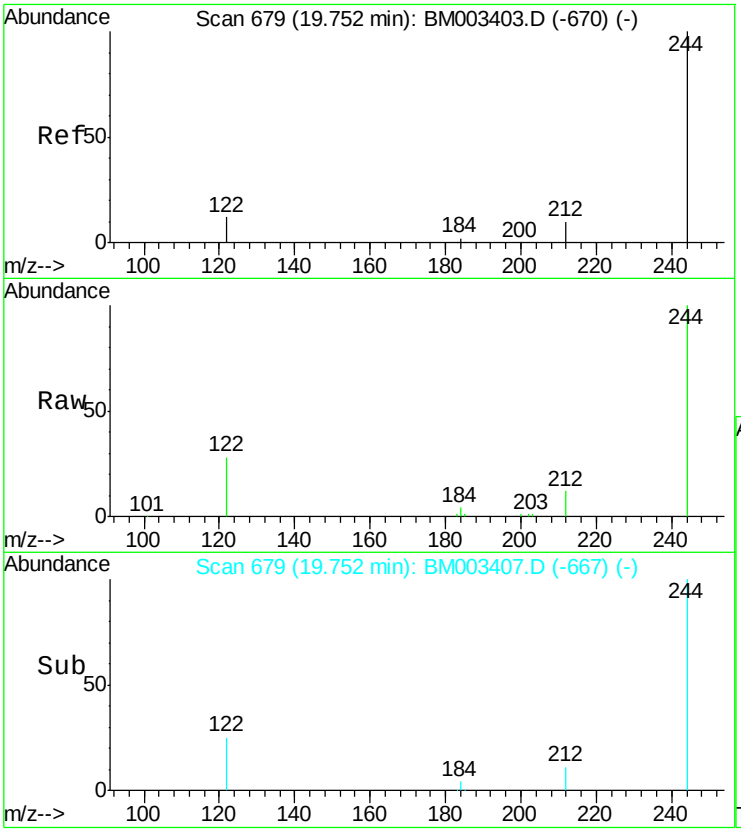



#32
Benzidine
Concen: 1.15 ng
RT: 19.38 min Scan# 657
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:184 Resp: 15945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.8 | 11.6 | 17.4 |
| 183 | 10.5 | 8.6 | 13.0 |

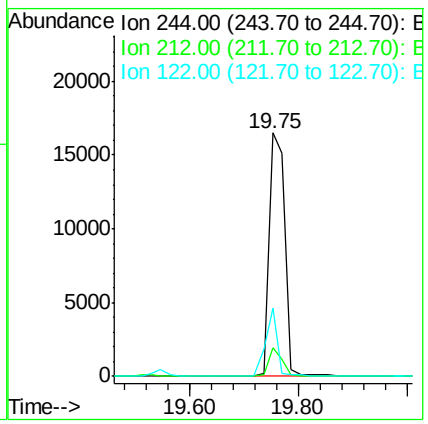





#33
Terphenyl-d14
Concen: 1.17 ng
RT: 19.75 min Scan# 679
Delta R.T. 0.00 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:244 Resp: 33385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.6 | 7.3 | 10.9 |
| 122 | 20.2 | 14.8 | 22.2 |




**Instrument :**
BNA_M
**ClientSampleId :**
ICVBM120715

**Manual Integrations APPROVED**
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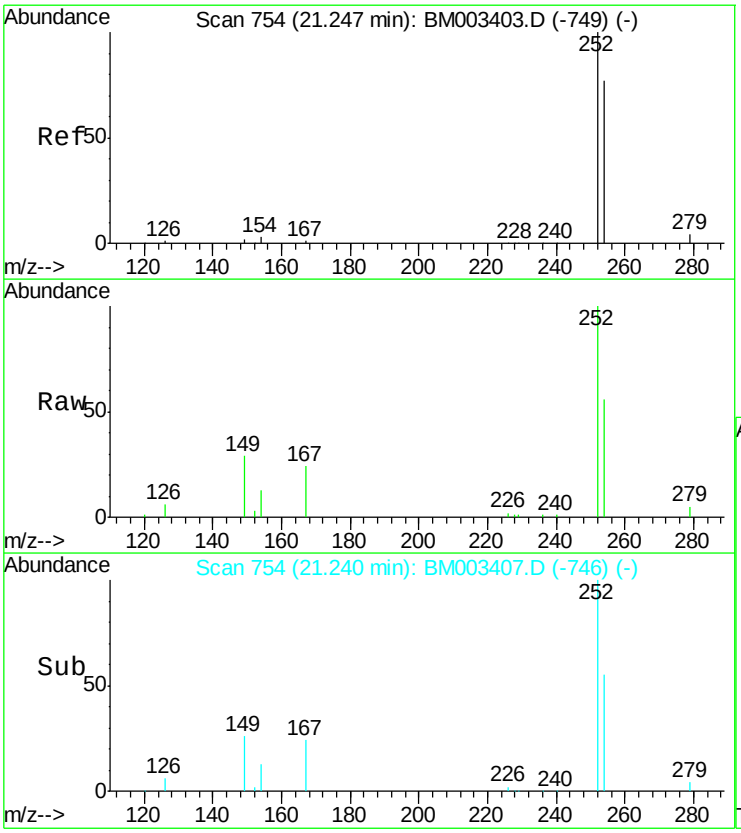
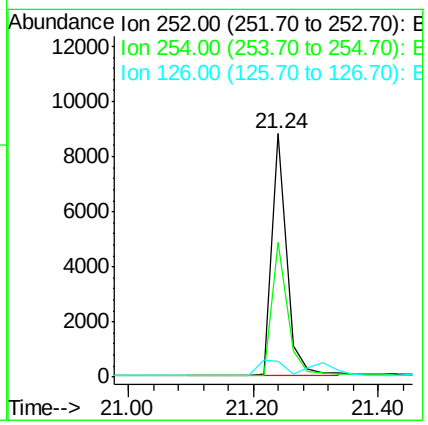
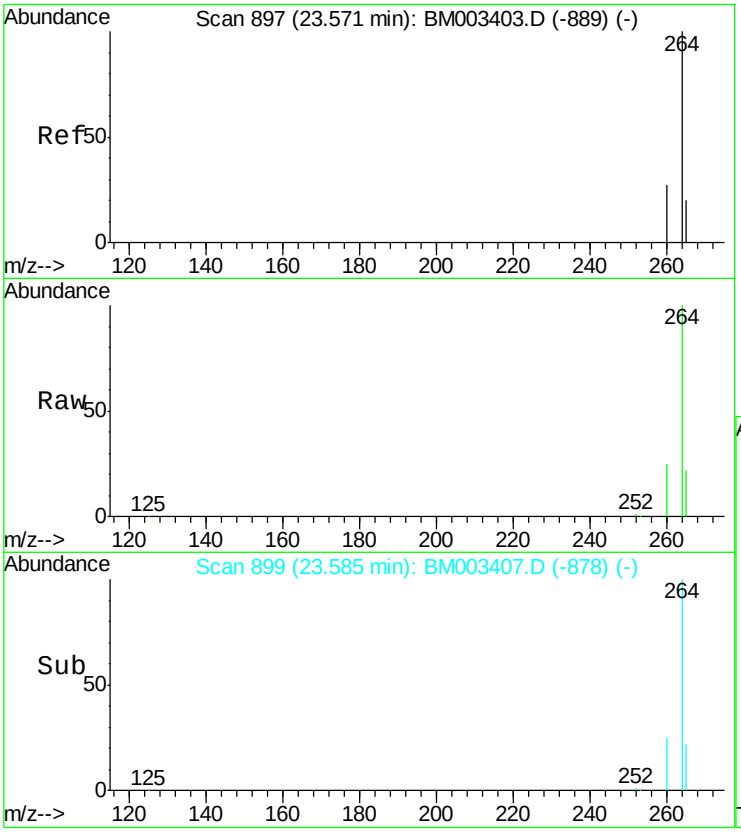



#34
3,3'-Dichlorobenzidine
Concen: 0.97 ng
RT: 21.24 min Scan# 754
Delta R.T. -0.01 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:252 Resp: 14611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 55.5 | 53.7 | 80.5 |
| 126 | 6.3 | 2.8 | 4.2# |

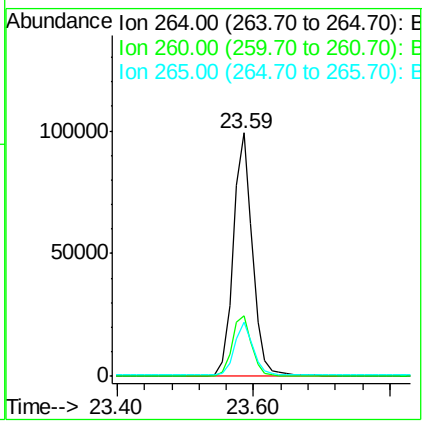





#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.59 min Scan# 899
Delta R.T. 0.01 min
Lab File: BM003407.D
Acq: 07 Dec 2015 14:48

Tgt Ion:264 Resp: 194645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.9 | 19.7 | 29.5 |
| 265 | 22.0 | 17.4 | 26.2 |




**Instrument :**
BNA_M
**ClientSampleId :**
ICVBM120715

**Manual Integrations APPROVED**
Mmdadoda
12/8/2015 6:14:45 PM