Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030116\
Data File : BM004504.D
Acq On : 02 Mar 2016 04:21
Operator : SJ/UM
Sample : SSTDICC0.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Manual Integrations APPROVED
UMANGI
3/2/2016 1:19:14 PM

Quant Time: Mar 02 07:05:57 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 06:56:42 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.60 | 152 | 20711 | 5.00 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.39 | 136 | 78609 | 5.00 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.26 | 164 | 41140 | 5.00 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.01 | 188 | 87752 | 5.00 | ng | | 0.00 |
| 26) Chrysene-d12 | 21.23 | 240 | 74721 | 5.00 | ng | | 0.00 |
| 35) Perylene-d12 | 23.45 | 264 | 69939 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.24 | 112 | 1891 | 0.40 | ng | | 0.00 |
| 5) Phenol-d6 | 6.85 | 99 | 2190 | 0.41 | ng | | 0.02 |
| 8) Nitrobenzene-d5 | 8.81 | 82 | 1613 | 0.41 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.79 | 330 | 522 | 0.34 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.89 | 172 | 6009 | 0.48 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.67 | 244 | 6672 | 0.67 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.10 | 88 | 1054 | 0.44 | ng | | 93 |
| 3) n-Nitrosodimethylamine | 3.44 | 42 | 683 | 0.34 | ng | # | 99 |
| 6) bis(2-Chloroethyl)ether | 7.05 | 93 | 2008 | 0.36 | ng | | 99 |
| 9) Nitrobenzene | 8.85 | 77 | 1736 | 0.33 | ng | | 99 |
| 10) Naphthalene | 10.44 | 128 | 8932 | 0.37 | ng | | 99 |
| 11) Hexachlorobutadiene | 10.72 | 225 | 1562 | 0.44 | ng | | 100 |
| 12) 2-Methylnaphthalene | 12.09 | 142 | 5345 | 0.40 | ng | | 98 |
| 16) Acenaphthylene | 13.97 | 152 | 8335 | 0.36 | ng | | 100 |
| 17) Acenaphthene | 14.33 | 154 | 5822 | 0.39 | ng | | 98 |
| 18) Fluorene | 15.33 | 166 | 6801 | 0.37 | ng | | 98 |
| 20) 4-Bromophenyl-phenylether | 16.22 | 248 | 1747 | 0.37 | ng | # | 99 |
| 21) Hexachlorobenzene | 16.35 | 284 | 2075 | 0.39 | ng | # | 100 |
| 22) Pentachlorophenol | 16.76 | 266 | 192m | 0.15 | ng | | |
| 23) Phenanthrene | 17.06 | 178 | 10779 | 0.36 | ng | | 100 |
| 24) Anthracene | 17.16 | 178 | 9117 | 0.36 | ng | | 99 |
| 25) Fluoranthene | 19.11 | 202 | 12786 | 0.40 | ng | | 100 |
| 27) Benzidine | 19.35 | 184 | 2442 | 0.31 | ng | # | 1 |
| 28) Pyrene | 19.47 | 202 | 13688 | 0.46 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.23 | 228 | 11556m | 0.43 | ng | | |
| 31) 3,3'-Dichlorobenzidine | 21.16 | 252 | 3228 | 0.20 | ng | # | 96 |
| 32) Chrysene | 21.27 | 228 | 13416 | 0.24 | ng | | 100 |
| 33) Bis(2-ethylhexyl)phthalate | 21.12 | 149 | 7236 | 0.36 | ng | # | 99 |
| 34) Indeno(1,2,3-cd)pyrene | 25.72 | 276 | 10130 | 0.40 | ng | | 100 |
| 36) Benzo(b)fluoranthene | 22.80 | 252 | 13735 | 0.52 | ng | | 97 |
| 37) Benzo(k)fluoranthene | 22.84 | 252 | 11207 | 0.43 | ng | | 98 |
| 38) Benzo(a)pyrene | 23.36 | 252 | 10032 | 0.42 | ng | | 96 |
| 39) Dibenzo(a,h)anthracene | 25.72 | 278 | 7779 | 0.37 | ng | | 97 |
| 40) Benzo(g,h,i)perylene | 26.39 | 276 | 9059 | 0.40 | ng | | 97 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030116\
Data File : BM004504.D
Acq On : 02 Mar 2016 04:21
Operator : SJ/UM
Sample : SSTDICC0.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 02 07:05:57 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 06:56:42 2016
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC0.5

**Manual Integrations APPROVED**
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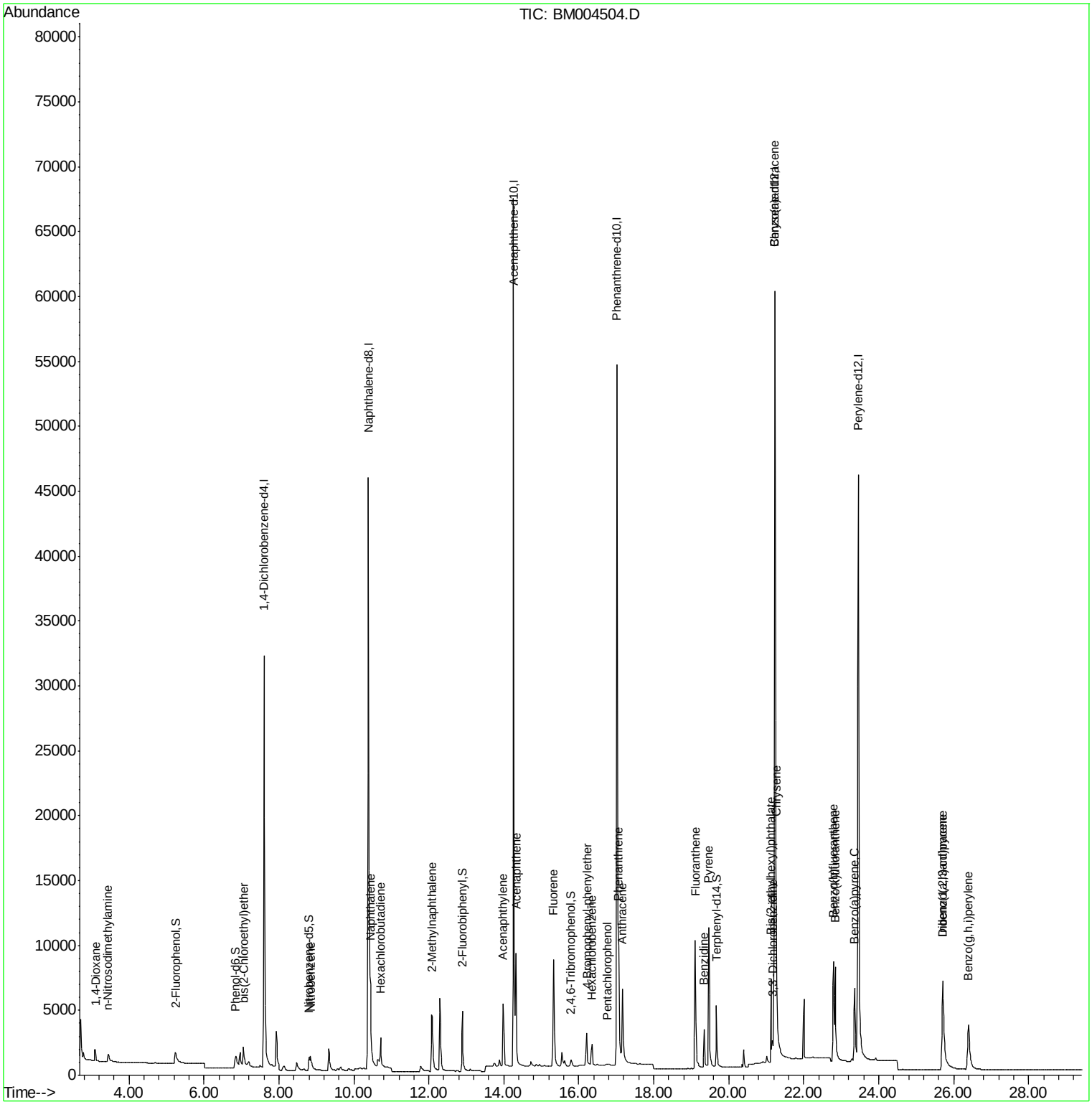
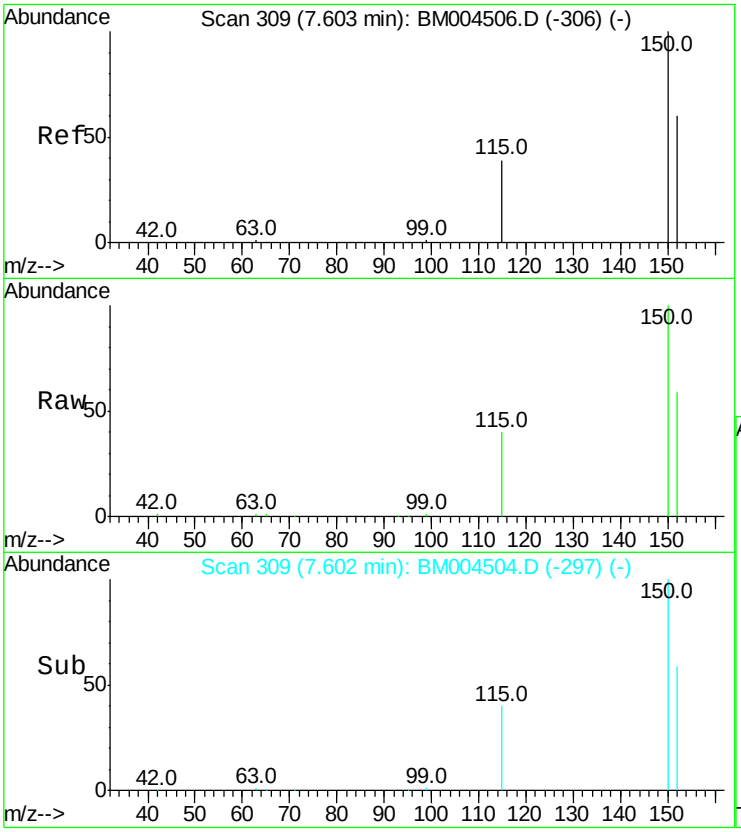
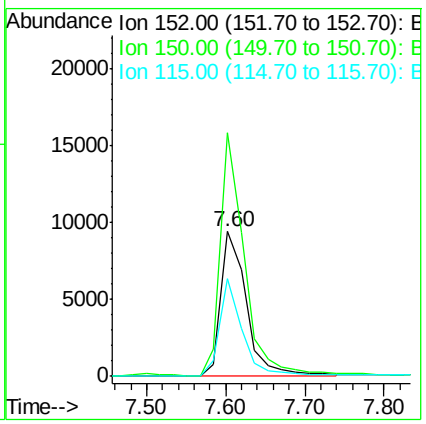





#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.60 min Scan# 309
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:152 Resp: 20711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 168.4 | 134.2 | 201.2 |
| 115 | 67.3 | 52.2 | 78.4 |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC0.5

**Manual Integrations APPROVED**
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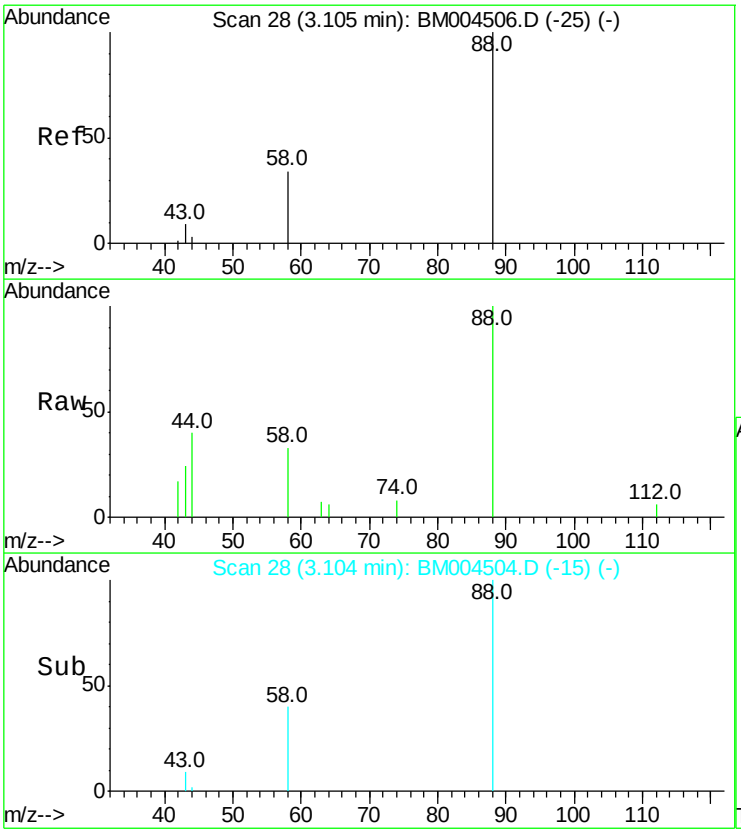
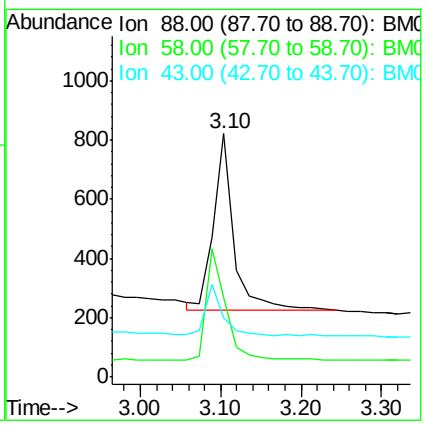
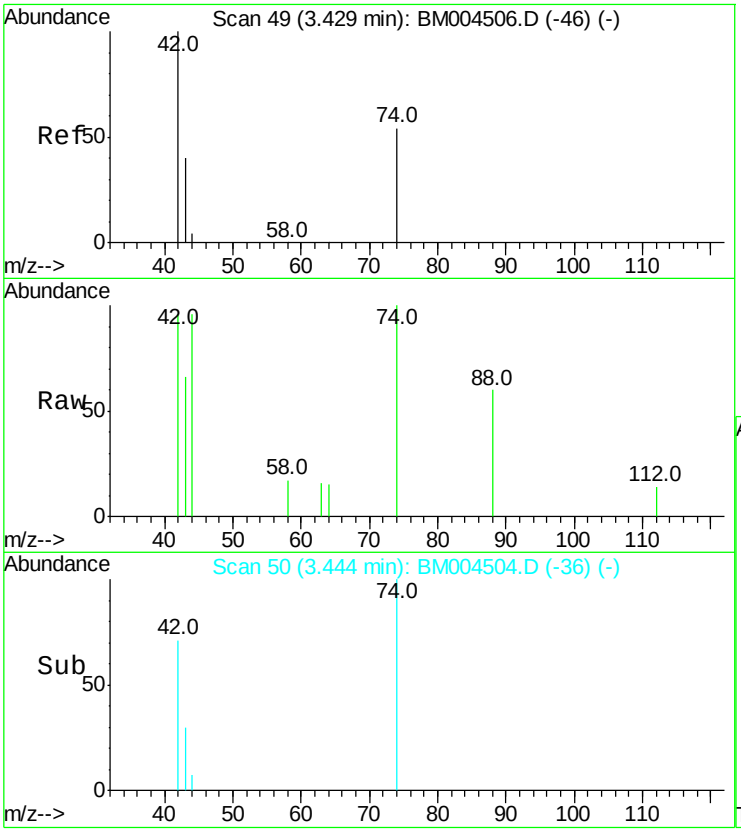



#2
1,4-Dioxane
Concen: 0.44 ng
RT: 3.10 min Scan# 28
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion: 88 Resp: 1054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 58.8 | 52.9 | 79.3 |
| 43 | 26.1 | 20.8 | 31.2 |

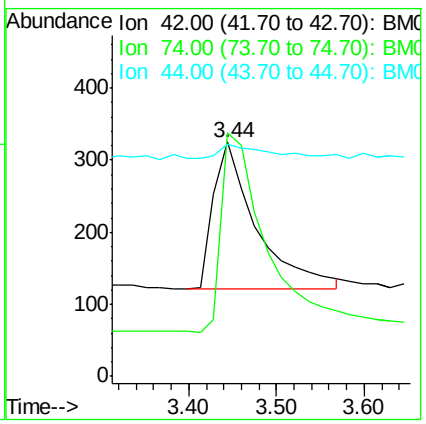





#3
n-Nitrosodimethylamine
Concen: 0.34 ng
RT: 3.44 min Scan# 50
Delta R.T. 0.01 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion: 42 Resp: 683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 143.0 | 115.5 | 173.3 |
| 44 | 10.2 | 6.2 | 9.4# |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC0.5

**Manual Integrations APPROVED**
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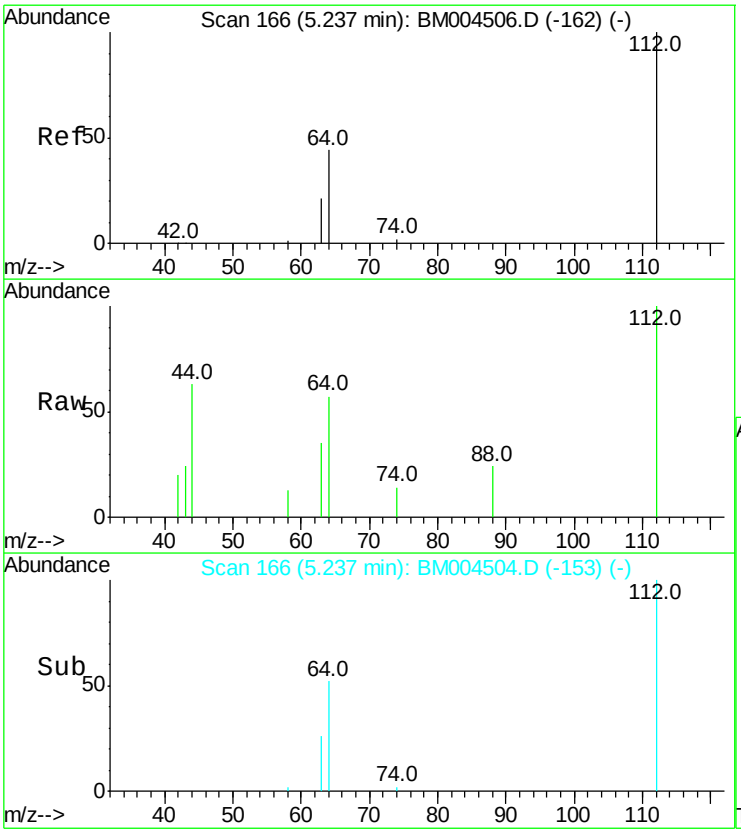
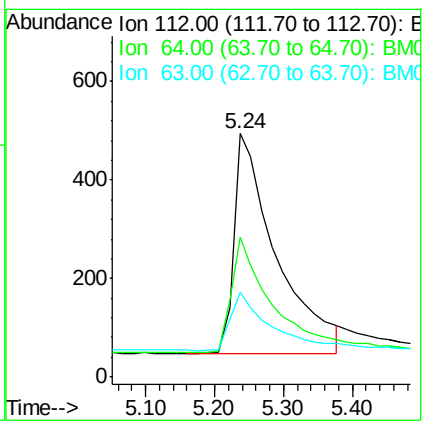
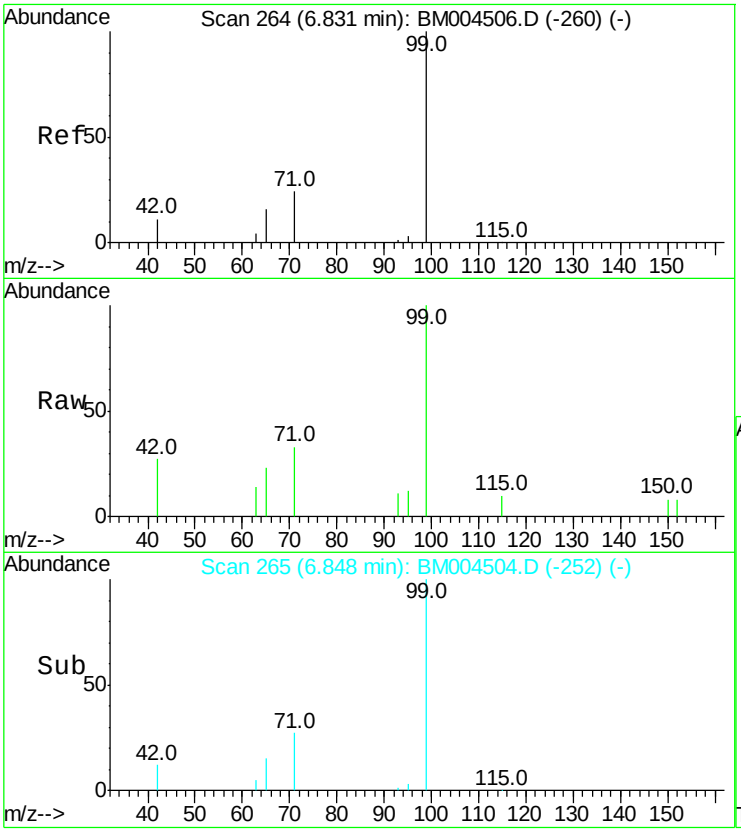



#4
2-Fluorophenol
Concen: 0.40 ng
RT: 5.24 min Scan# 166
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:112 Resp: 1891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.4 | 37.0 | 55.6 |
| 63 | 25.6 | 19.0 | 28.4 |






#5
Phenol-d6
Concen: 0.41 ng
RT: 6.85 min Scan# 265
Delta R.T. 0.02 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion: 99 Resp: 2190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.4 | 12.2 | 18.4 |
| 71 | 29.4 | 23.4 | 35.2 |

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC0.5

**Manual Integrations APPROVED**
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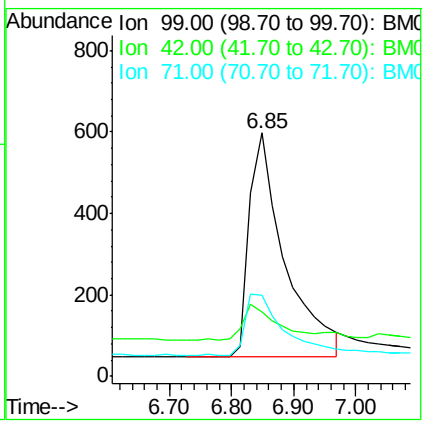
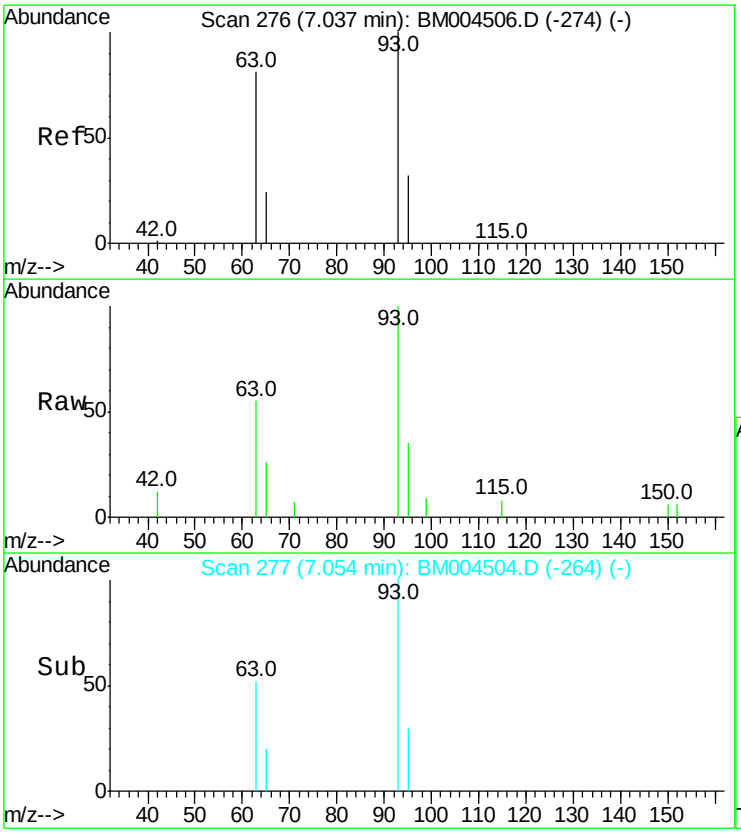
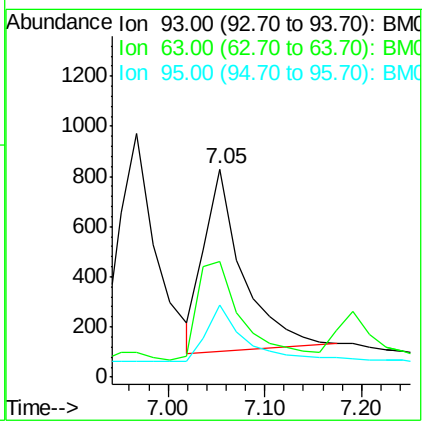


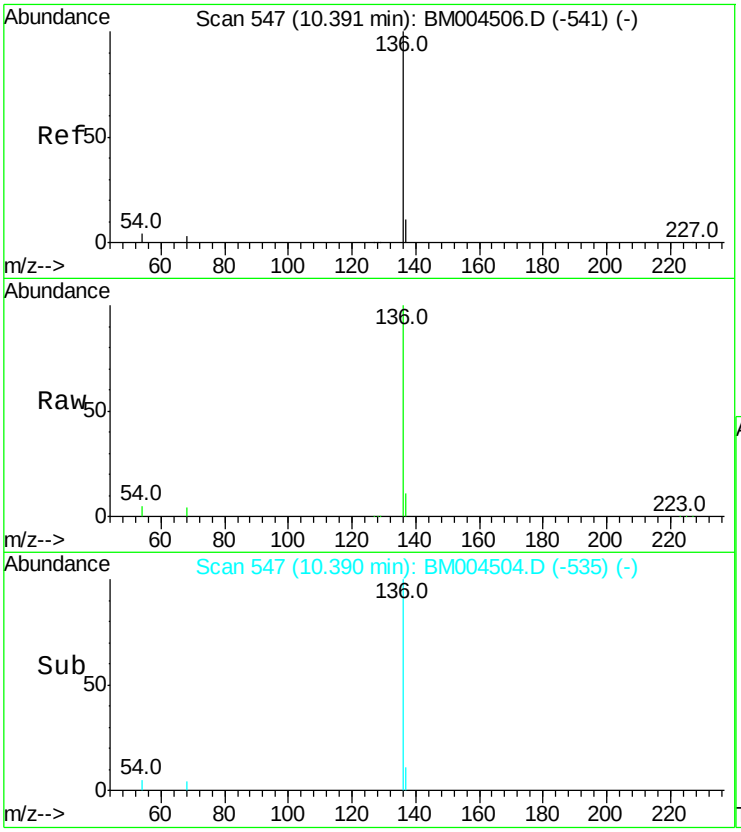




#6
bis(2-Chloroethyl)ether
Concen: 0.36 ng
RT: 7.05 min Scan# 277
Delta R.T. 0.02 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion: 93 Resp: 2008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 65.0 | 51.1 | 76.7 |
| 95 | 32.1 | 25.0 | 37.6 |

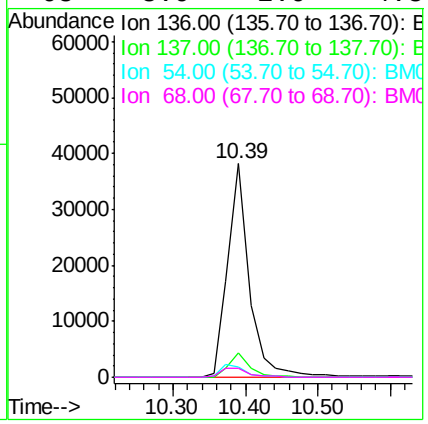





#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 547
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:136 Resp: 78609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 9.0 | 13.6 |
| 54 | 4.7 | 3.3 | 4.9 |
| 68 | 3.9 | 2.9 | 4.3 |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC0.5

**Manual Integrations APPROVED**
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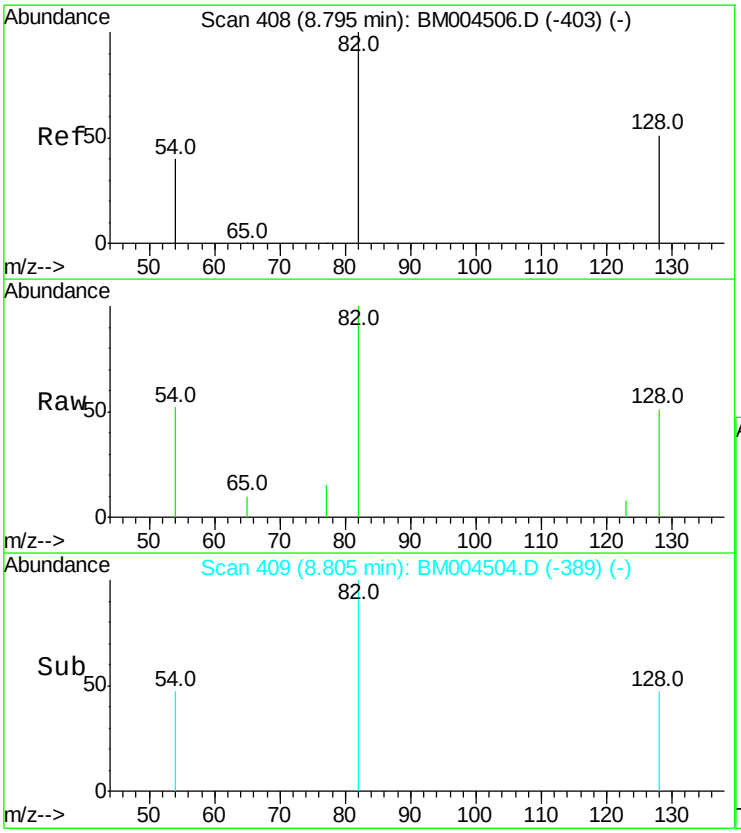
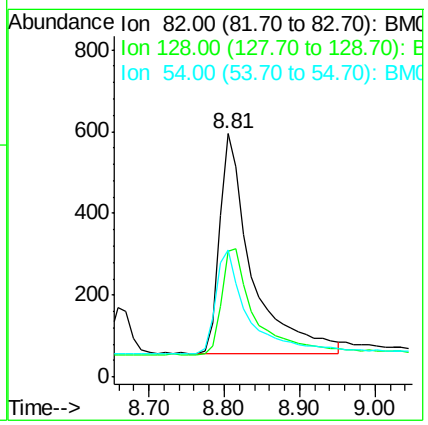
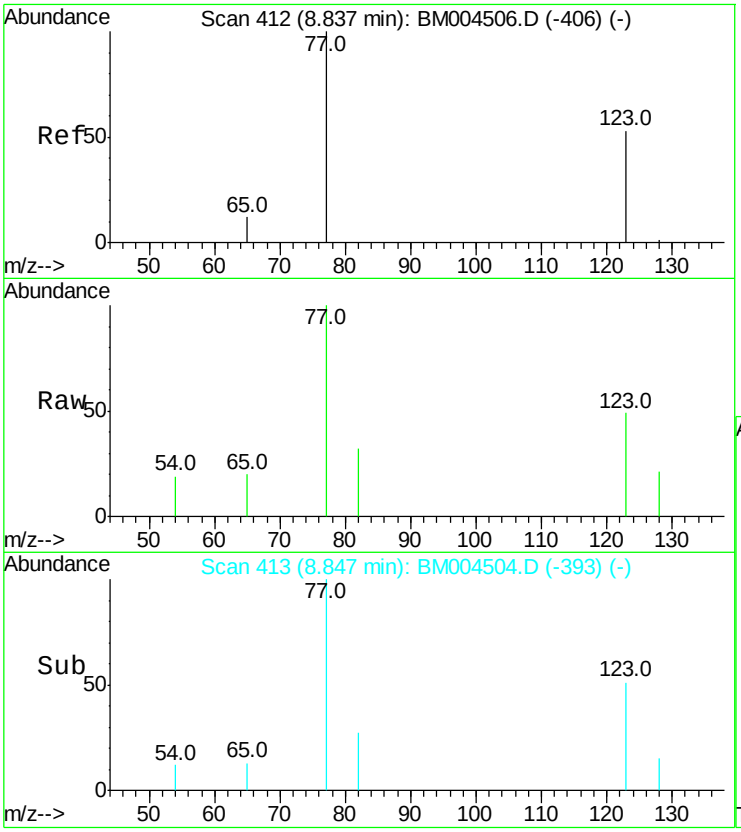



#8
Nitrobenzene-d5
Concen: 0.41 ng
RT: 8.81 min Scan# 409
Delta R.T. 0.01 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion: 82 Resp: 1613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 51.4 | 41.9 | 62.9 |
| 54 | 52.1 | 34.2 | 51.2# |

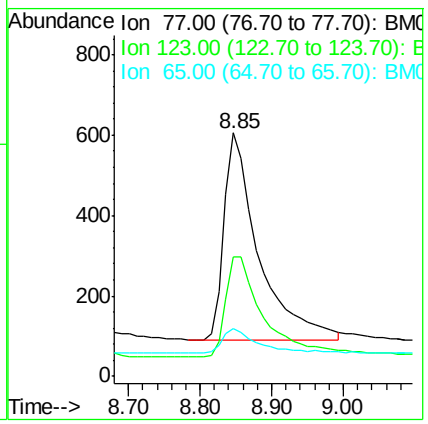





#9
Nitrobenzene
Concen: 0.33 ng
RT: 8.85 min Scan# 413
Delta R.T. 0.01 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion: 77 Resp: 1736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 52.4 | 42.5 | 63.7 |
| 65 | 12.4 | 10.0 | 15.0 |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC0.5

**Manual Integrations APPROVED**
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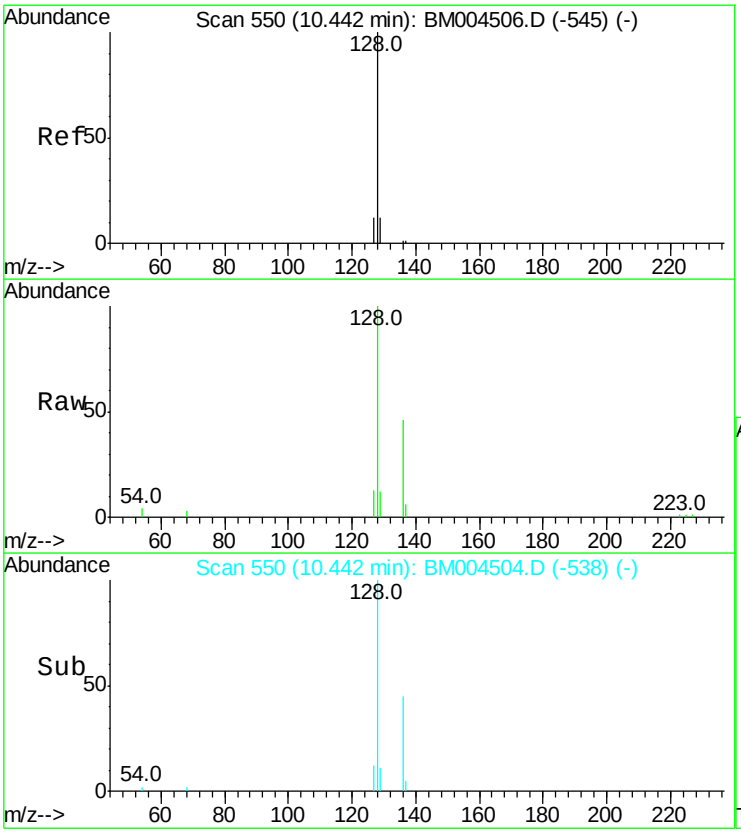
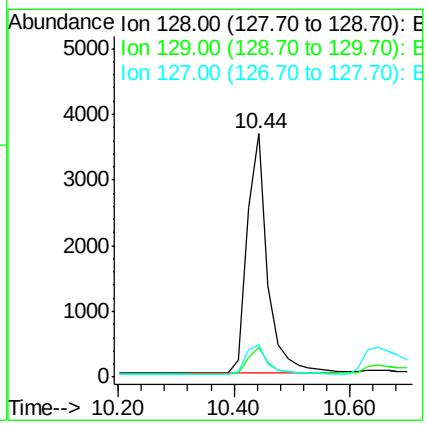
3/2/2016 1:19:14 PM

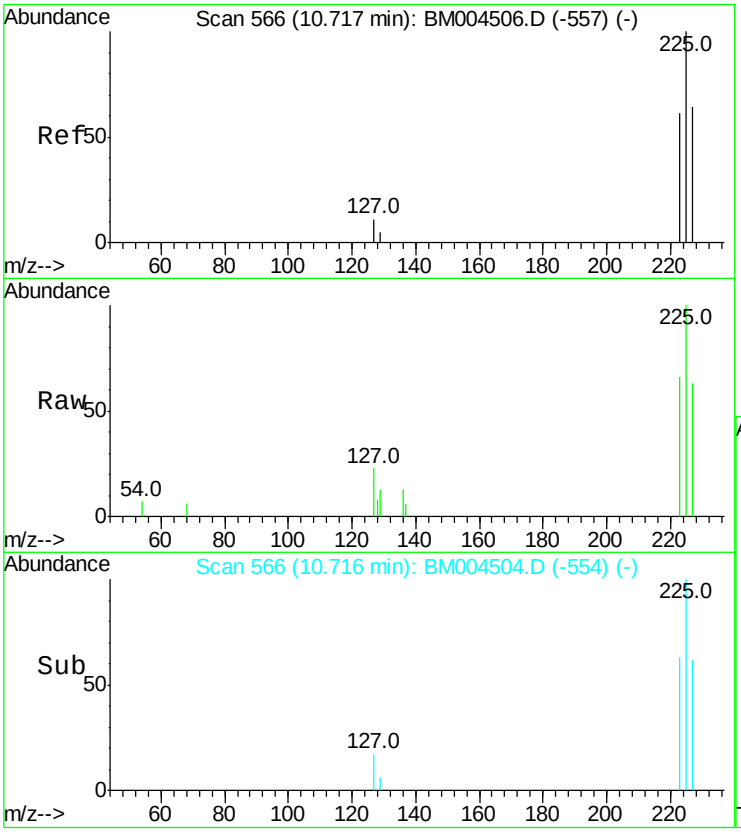



#10
Naphthalene
Concen: 0.37 ng
RT: 10.44 min Scan# 550
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:128 Resp: 8932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 12.4 | 9.8 | 14.6 |
| 127 | 13.3 | 9.9 | 14.9 |

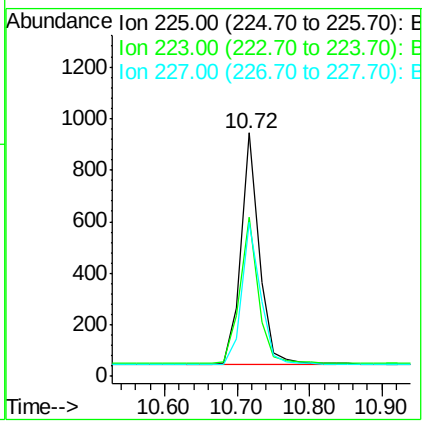





#11
Hexachlorobutadiene
Concen: 0.44 ng
RT: 10.72 min Scan# 566
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:225 Resp: 1562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.9 | 50.7 | 76.1 |
| 227 | 63.8 | 51.1 | 76.7 |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC0.5

**Manual Integrations APPROVED**
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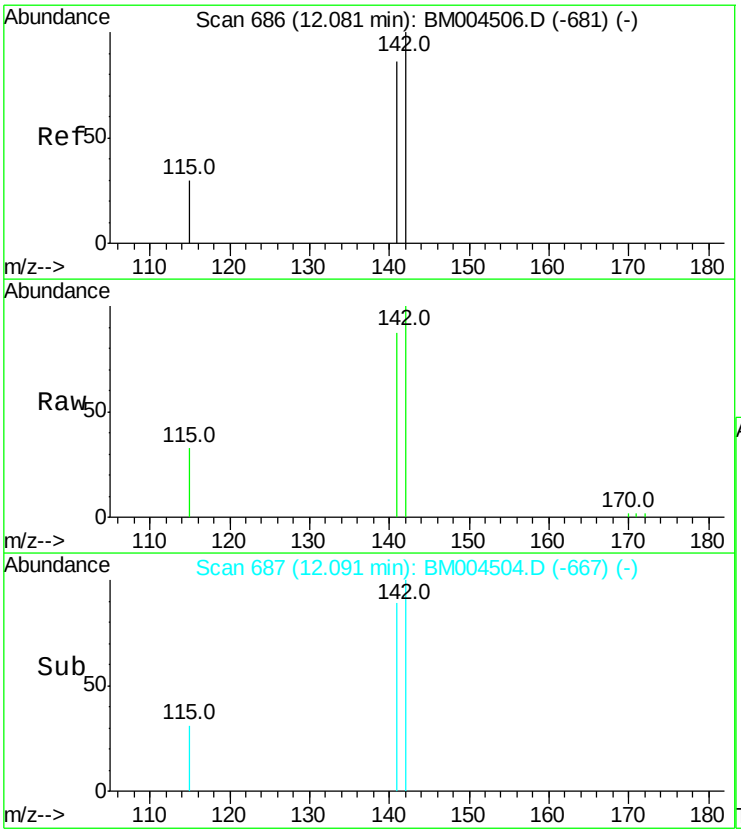
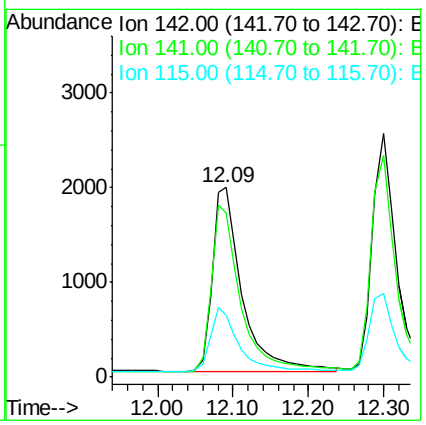
3/2/2016 1:19:14 PM

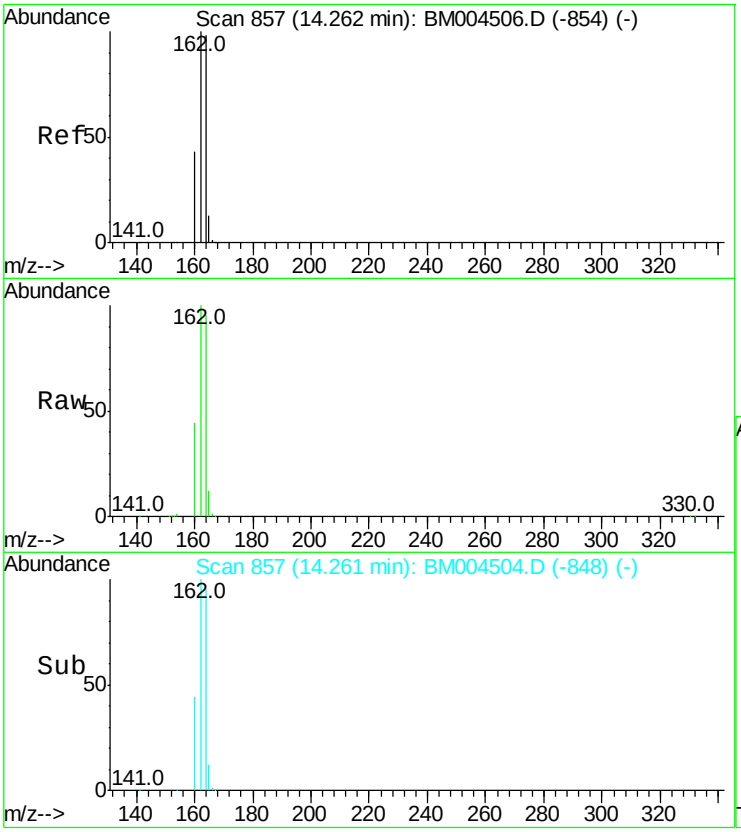



#12
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.09 min Scan# 687
Delta R.T. 0.01 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:142 Resp: 5345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 86.9 | 68.5 | 102.7 |
| 115 | 32.7 | 24.6 | 36.8 |

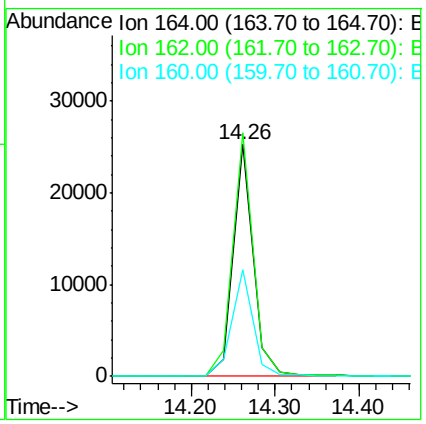





#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 857
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

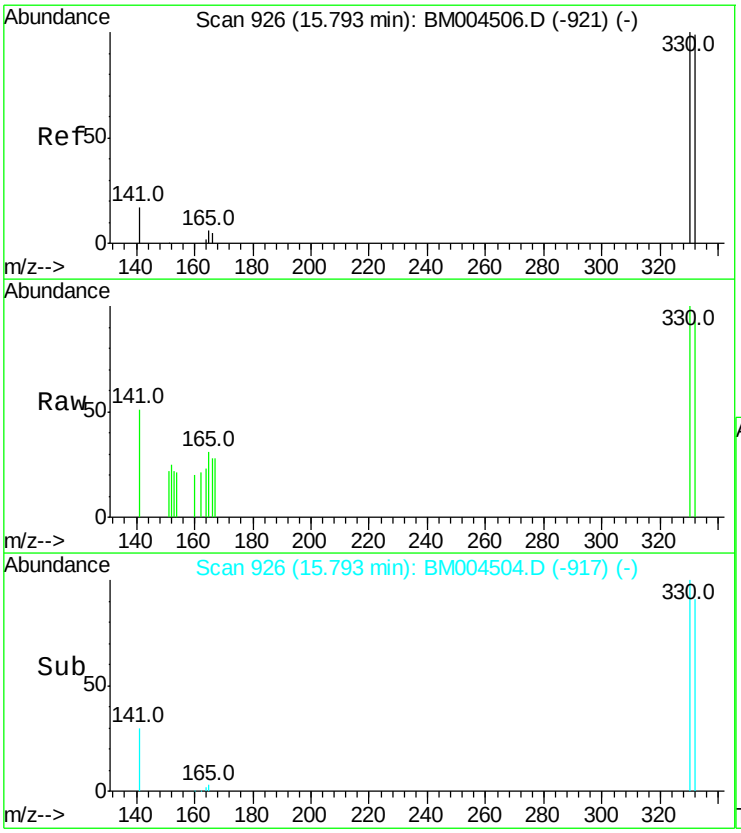
Tgt Ion:164 Resp: 41140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.0 | 81.6 | 122.4 |
| 160 | 46.3 | 34.9 | 52.3 |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC0.5

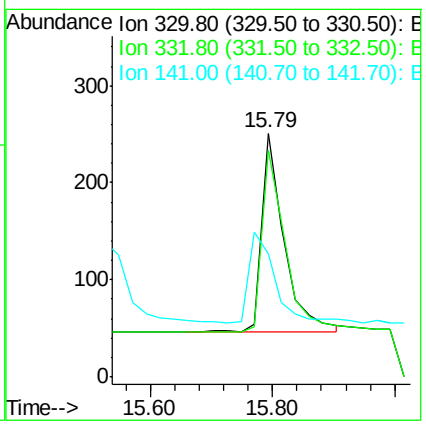
**Manual Integrations APPROVED**
UMANGI
3/2/2016 1:19:14 PM

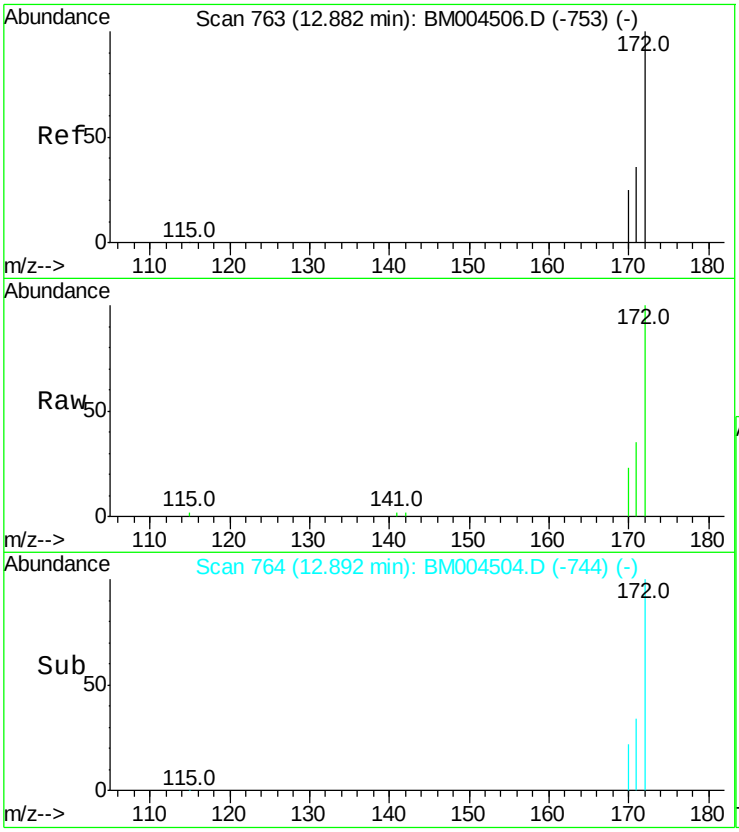



#14
2,4,6-Tribromophenol
Concen: 0.34 ng
RT: 15.79 min Scan# 926
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:330 Resp: 522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.2 | 76.6 | 114.8 |
| 141 | 0.0 | 0.0 | 0.0 |

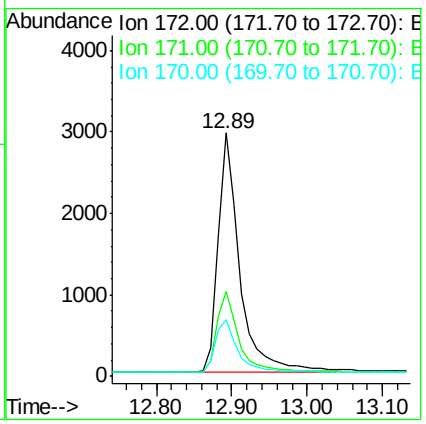





#15
2-Fluorobiphenyl
Concen: 0.48 ng
RT: 12.89 min Scan# 764
Delta R.T. 0.01 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:172 Resp: 6009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.9 | 29.5 | 44.3 |
| 170 | 23.5 | 20.2 | 30.2 |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC0.5

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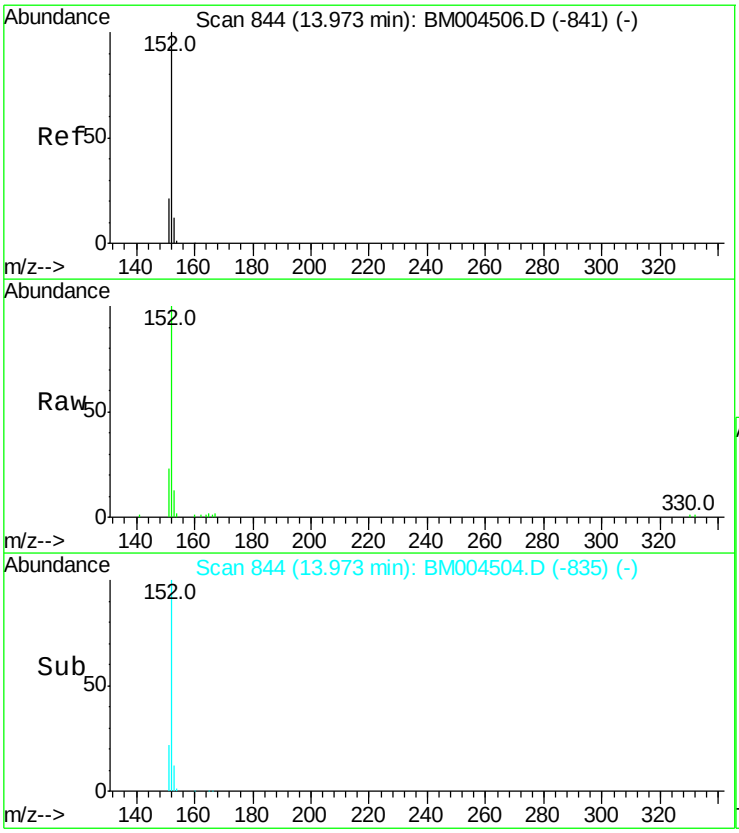
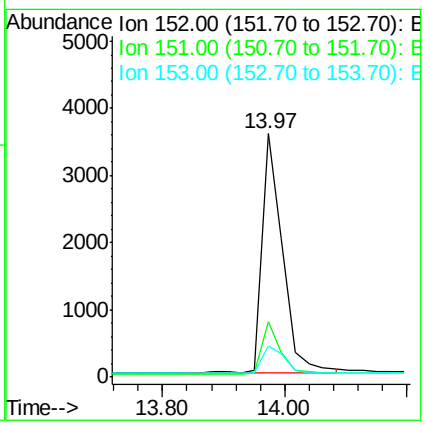
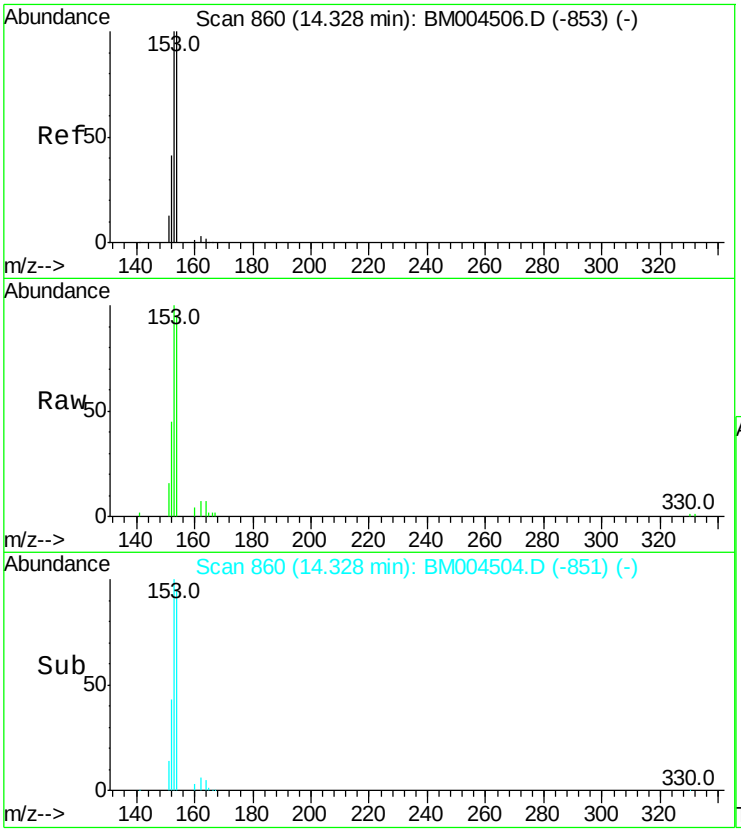



#16
Acenaphthylene
Concen: 0.36 ng
RT: 13.97 min Scan# 844
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:152 Resp: 8335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.6 | 15.8 | 23.6 |
| 153 | 12.7 | 10.2 | 15.4 |

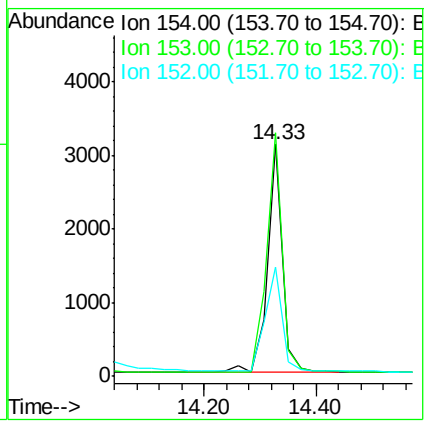





#17
Acenaphthene
Concen: 0.39 ng
RT: 14.33 min Scan# 860
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:154 Resp: 5822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 109.0 | 88.7 | 133.1 |
| 152 | 51.1 | 41.8 | 62.8 |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC0.5

**Manual Integrations APPROVED**
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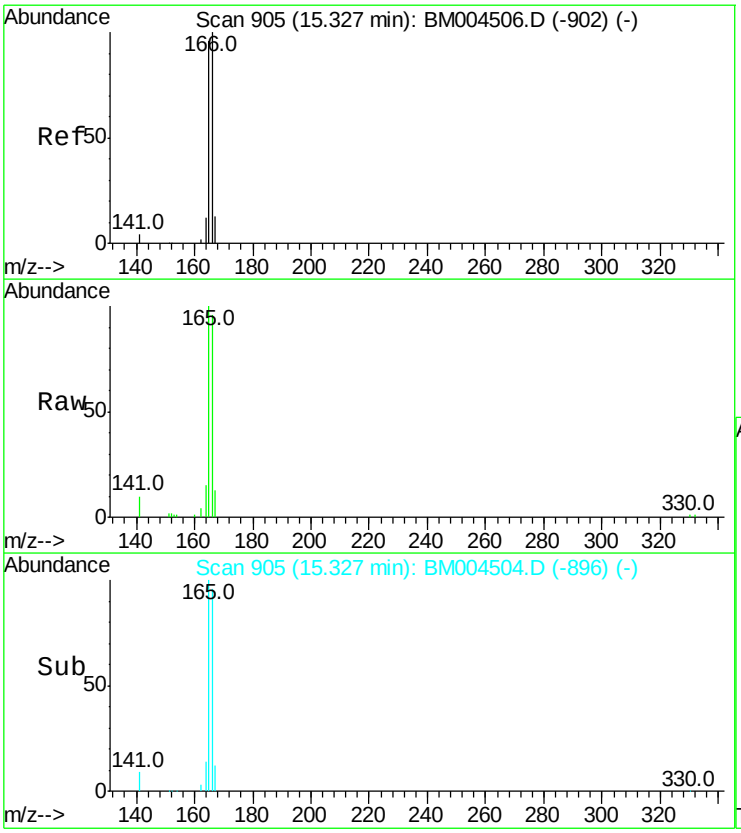
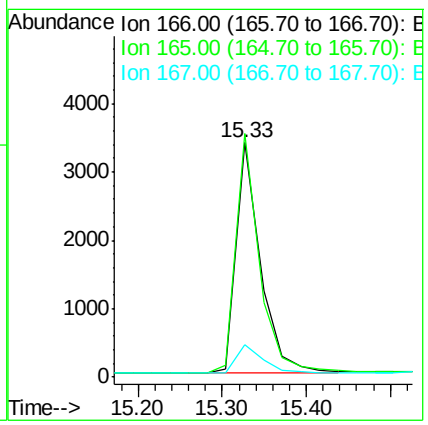
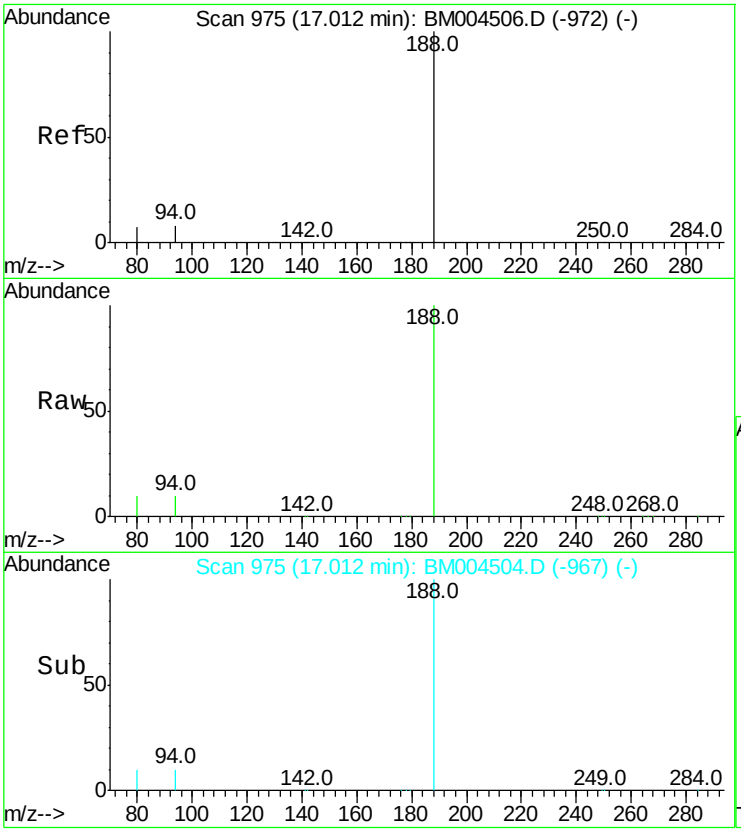



#18
Fluorene
Concen: 0.37 ng
RT: 15.33 min Scan# 905
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:166 Resp: 6801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.4 | 77.8 | 116.6 |
| 167 | 13.3 | 10.8 | 16.2 |

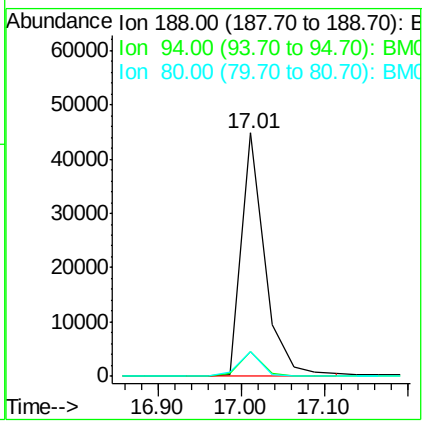





#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 975
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:188 Resp: 87752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.3 | 6.3 | 9.5# |
| 80 | 10.0 | 5.9 | 8.9# |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC0.5

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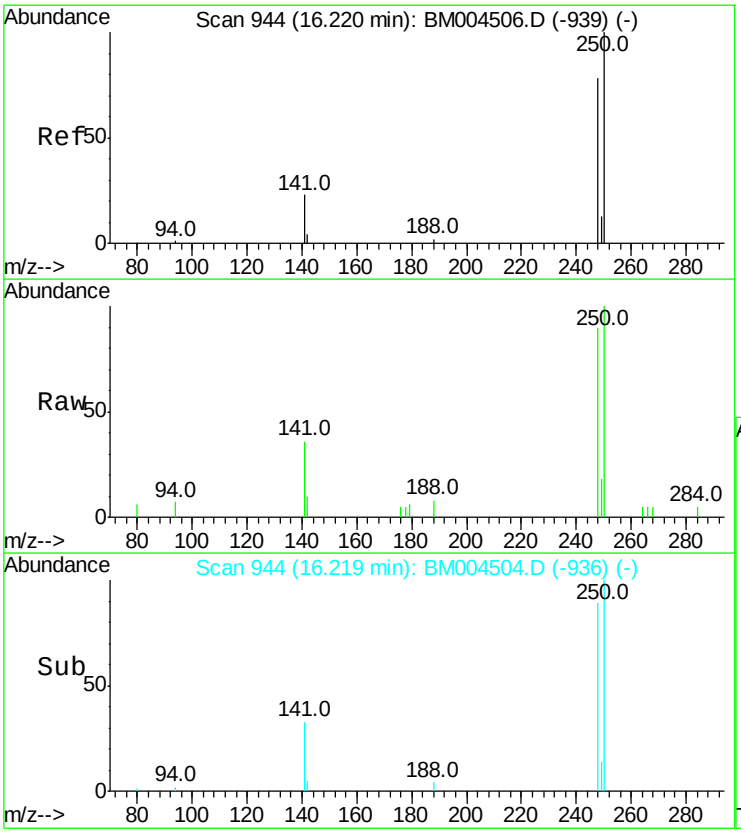
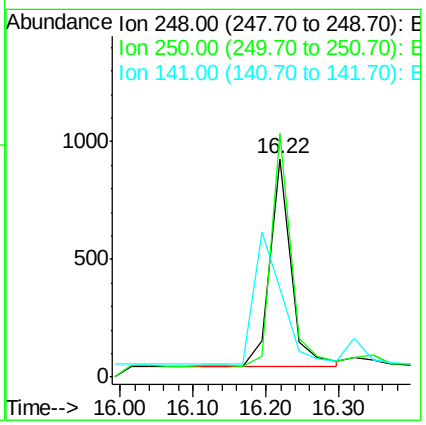
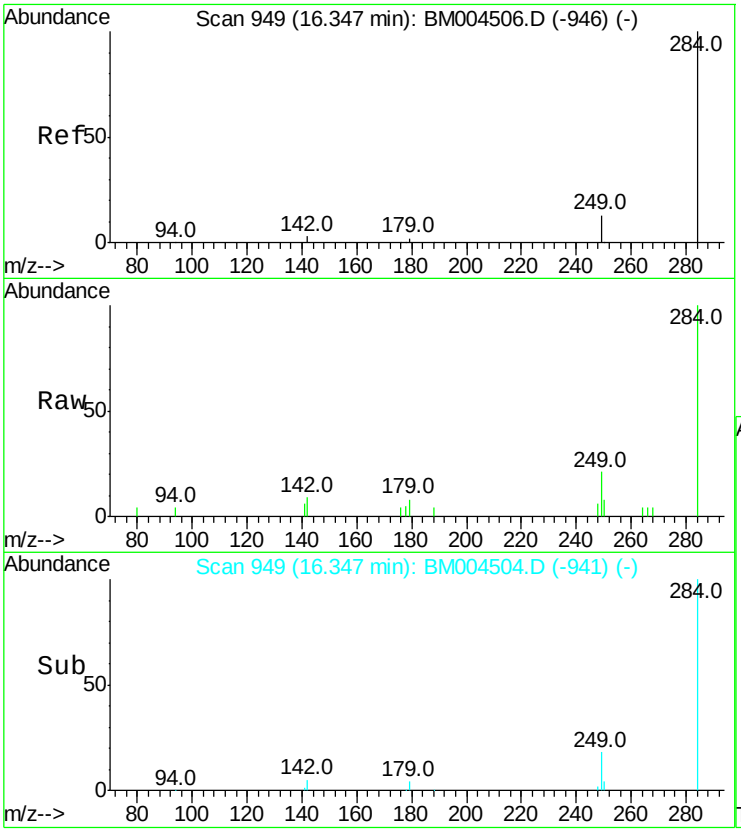



#20
4-Bromophenyl-phenylether
Concen: 0.37 ng
RT: 16.22 min Scan# 944
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:248 Resp: 1747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 105.8 | 85.8 | 128.8 |
| 141 | 0.0 | 0.0 | 0.0 |

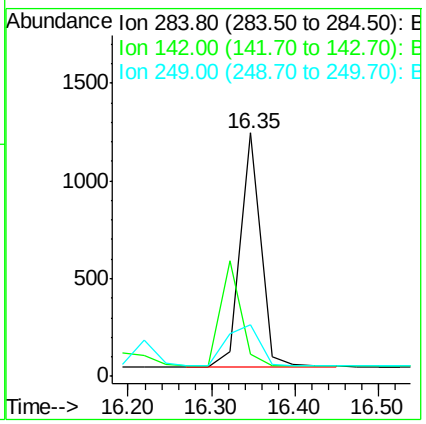





#21
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.35 min Scan# 949
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:284 Resp: 2075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 0.0 | 0.0 | 0.0 |
| 249 | 28.8 | 0.0 | 0.0# |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC0.5

**Manual Integrations APPROVED**
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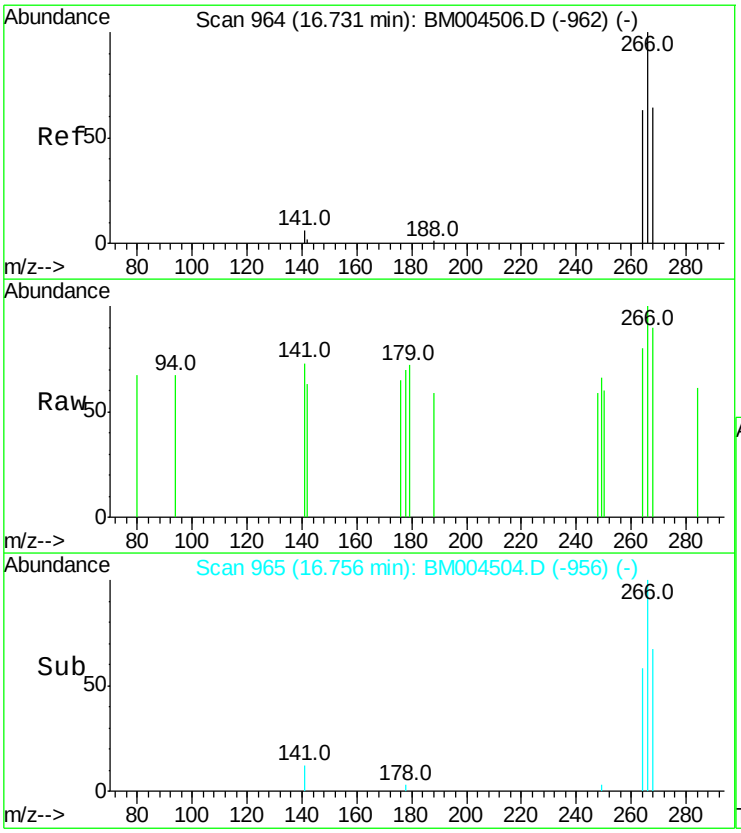
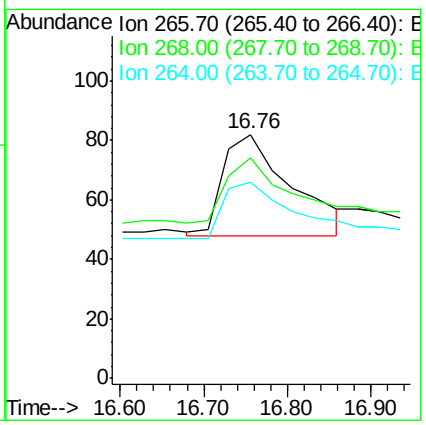
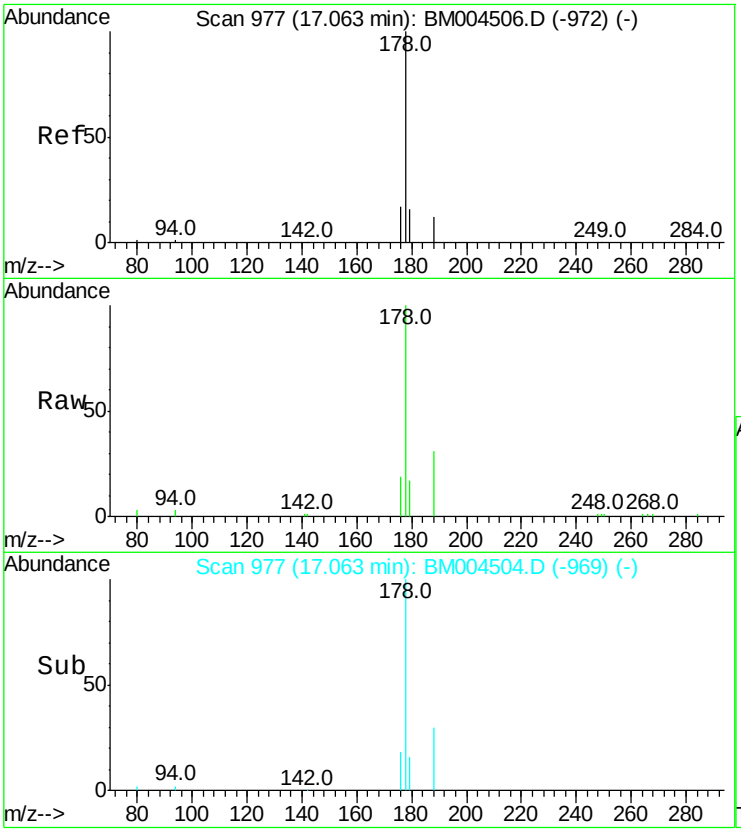



#22
Pentachlorophenol
Concen: 0.15 ng m
RT: 16.76 min Scan# 965
Delta R.T. 0.03 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:266 Resp: 192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 90.2 | 63.0 | 94.6 |
| 264 | 80.5 | 59.6 | 89.4 |

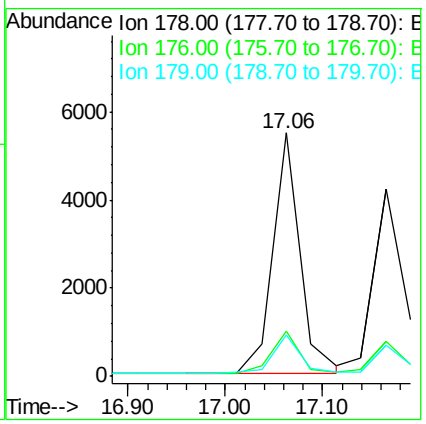





#23
Phenanthrene
Concen: 0.36 ng
RT: 17.06 min Scan# 977
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:178 Resp: 10779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 15.0 | 22.4 |
| 179 | 16.2 | 12.8 | 19.2 |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC0.5

**Manual Integrations APPROVED**
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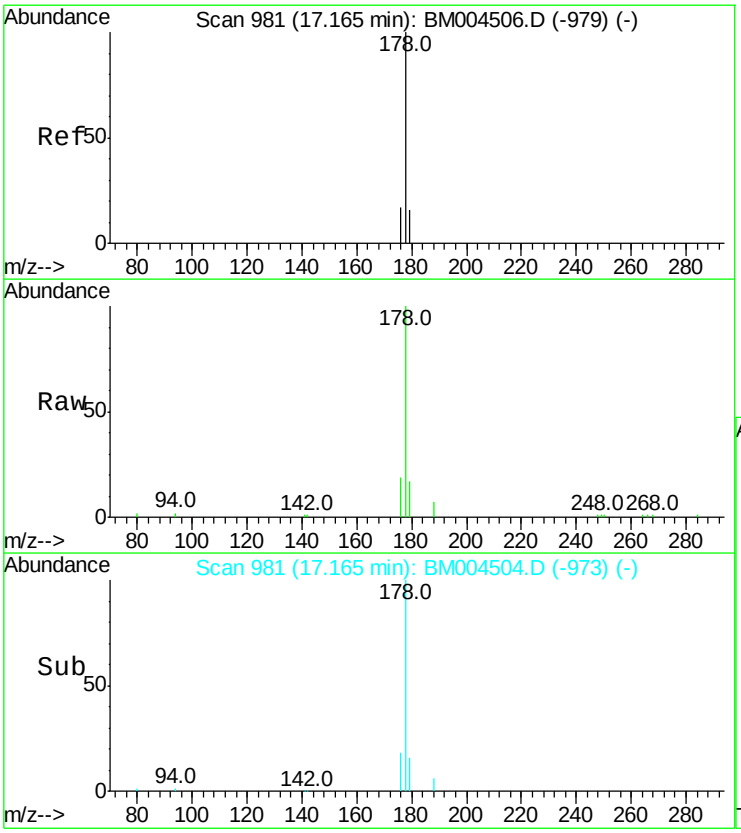
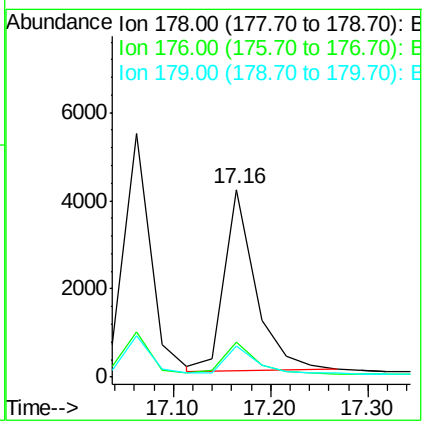
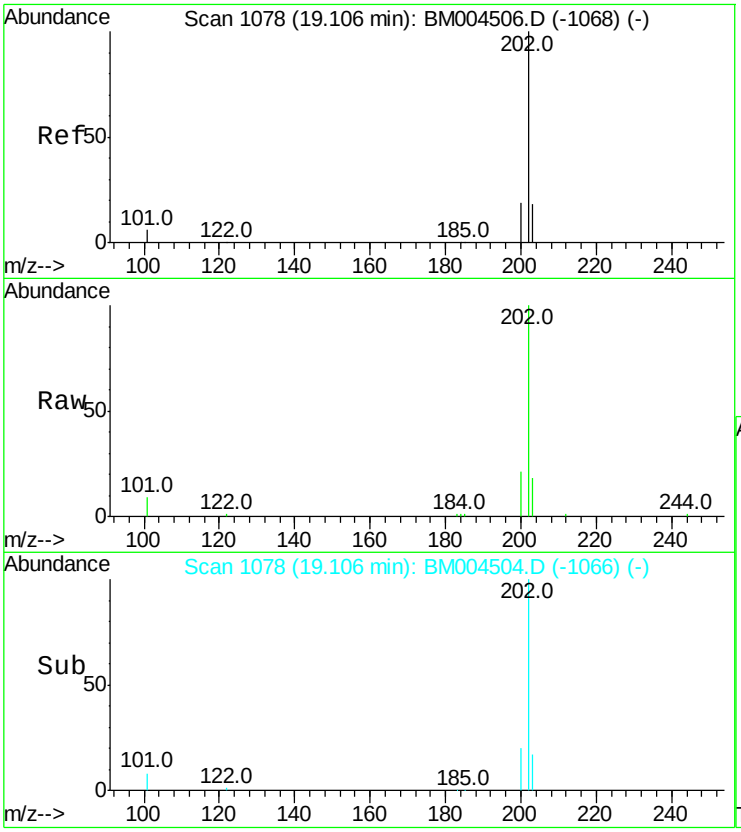



#24
Anthracene
Concen: 0.36 ng
RT: 17.16 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:178 Resp: 9117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.0 | 14.7 | 22.1 |
| 179 | 15.0 | 12.2 | 18.4 |

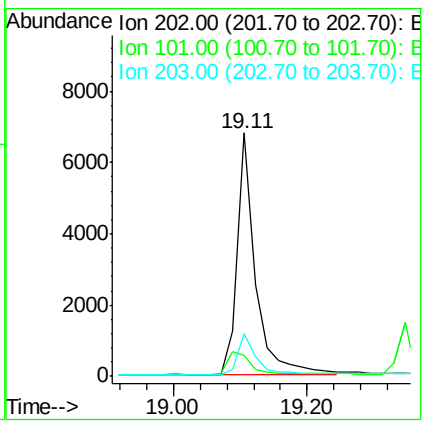





#25
Fluoranthene
Concen: 0.40 ng
RT: 19.11 min Scan# 1078
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:202 Resp: 12786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.1 | 9.8 | 14.8 |
| 203 | 17.4 | 13.8 | 20.8 |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC0.5

**Manual Integrations APPROVED**
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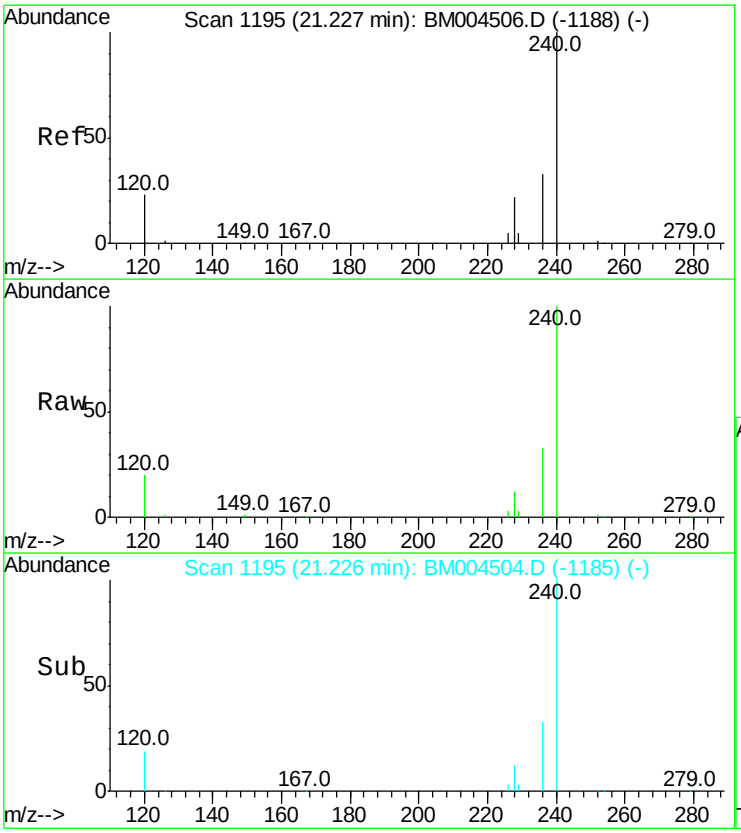
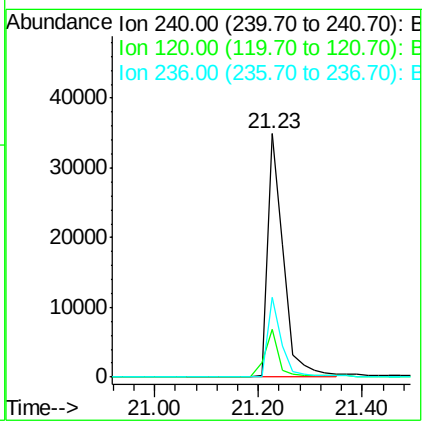
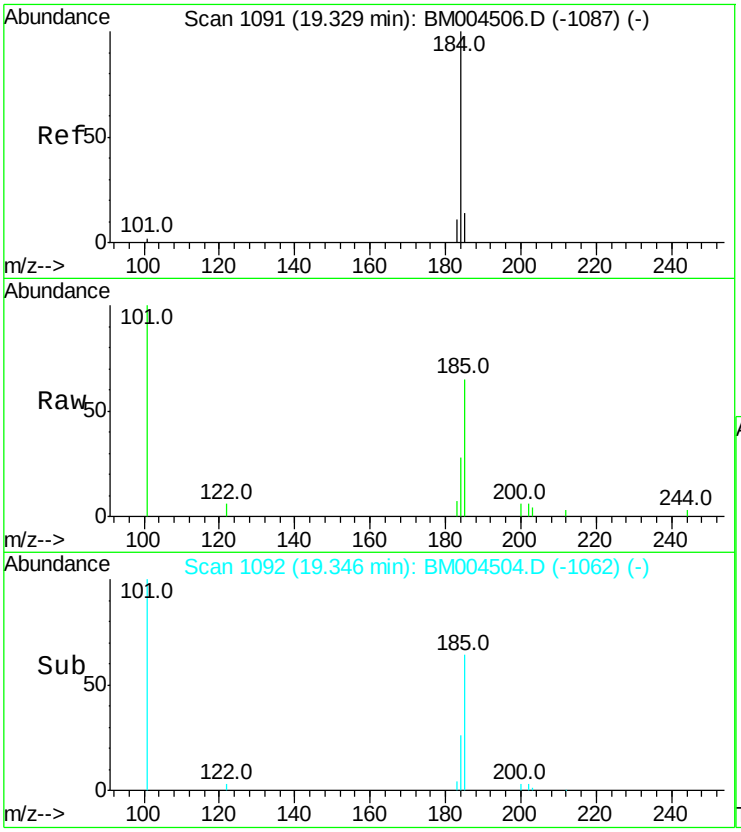



#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.23 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:240 Resp: 74721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 19.6 | 18.9 | 28.3 |
| 236 | 32.6 | 26.4 | 39.6 |






#27
Benzidine
Concen: 0.31 ng
RT: 19.35 min Scan# 1092
Delta R.T. 0.02 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:184 Resp: 2442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 234.0 | 15.0 | 22.4# |
| 183 | 24.6 | 12.6 | 19.0# |

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC0.5

**Manual Integrations APPROVED**
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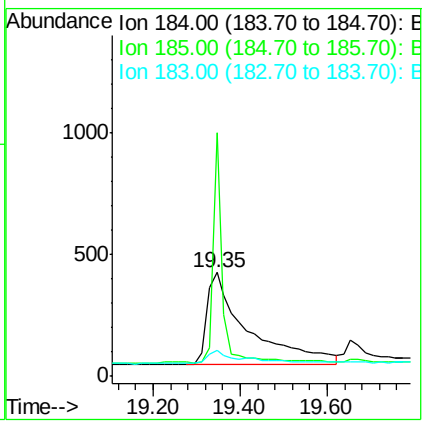
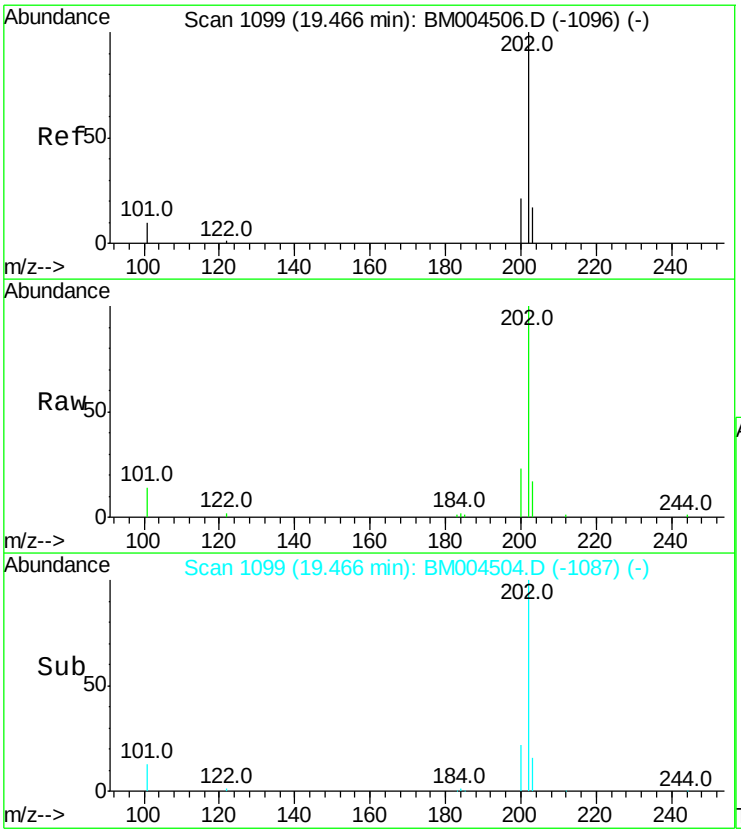
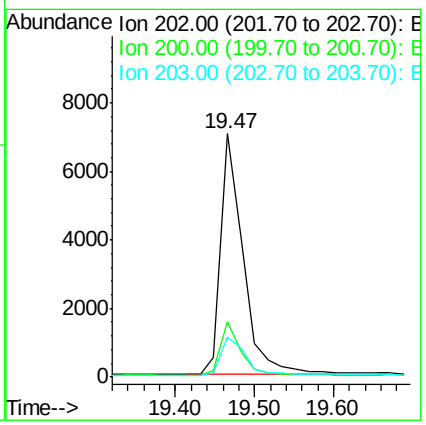


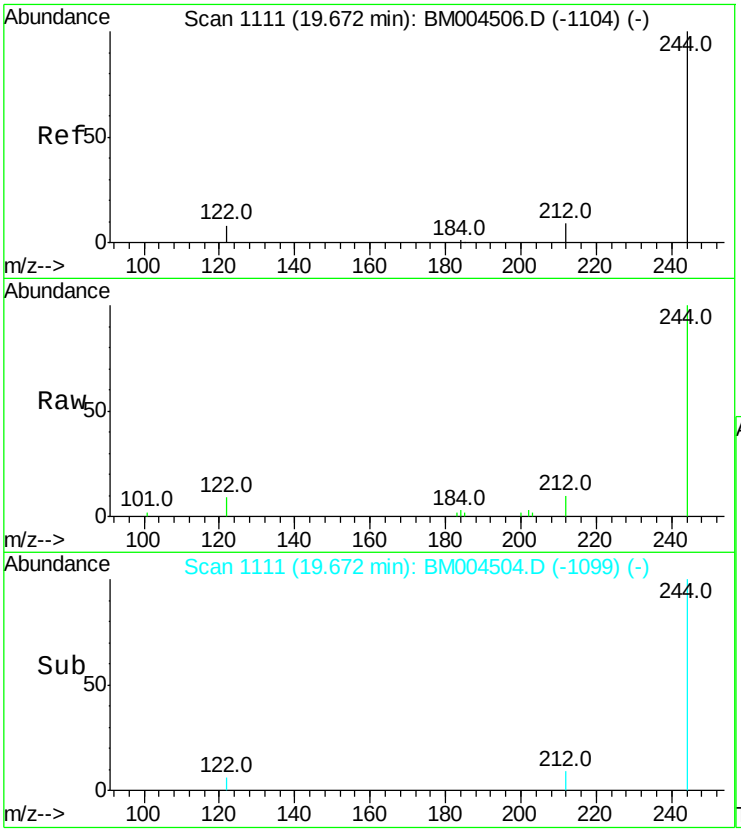




#28
Pyrene
Concen: 0.46 ng
RT: 19.47 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:202 Resp: 13688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.6 | 16.6 | 25.0 |
| 203 | 17.2 | 13.7 | 20.5 |

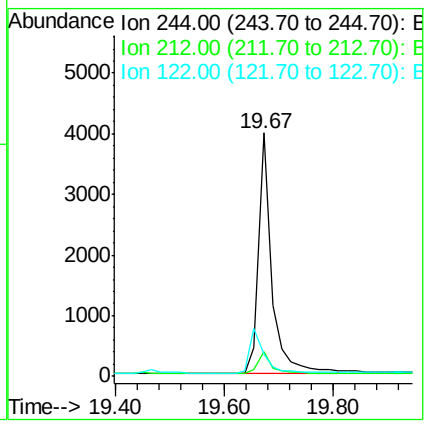





#29
Terphenyl-d14
Concen: 0.67 ng
RT: 19.67 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:244 Resp: 6672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 10.4 | 7.8 | 11.6 |
| 122 | 9.1 | 7.0 | 10.4 |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC0.5

**Manual Integrations APPROVED**
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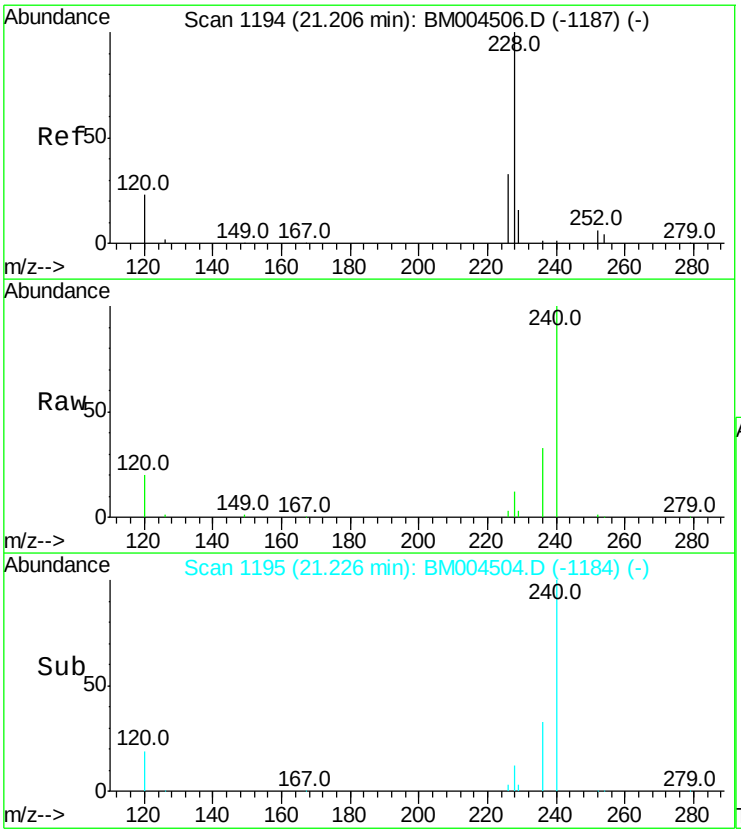
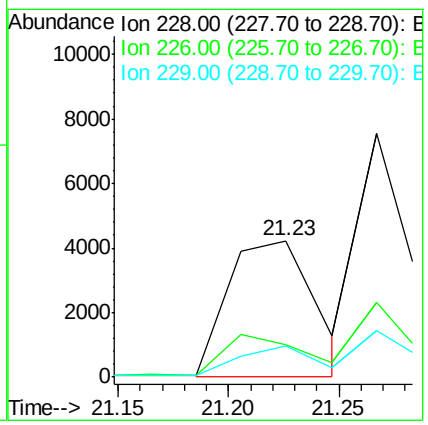
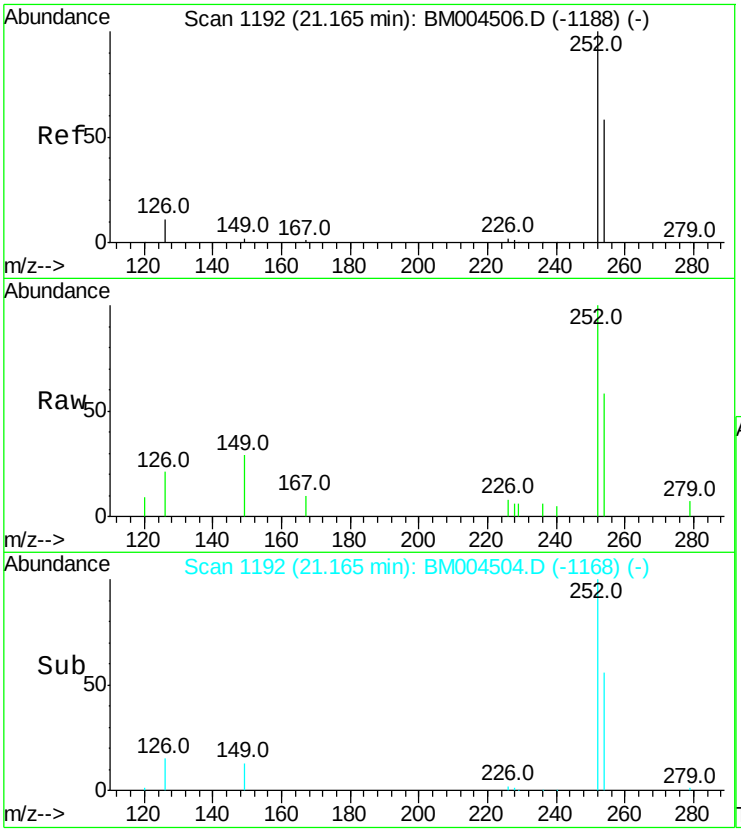



#30
Benzo(a)anthracene
Concen: 0.43 ng m
RT: 21.23 min Scan# 1195
Delta R.T. 0.02 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:228 Resp: 11556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 24.1 | 27.0 | 40.4# |
| 229 | 22.8 | 13.1 | 19.7# |






#31
3,3'-Dichlorobenzidine
Concen: 0.20 ng
RT: 21.16 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:252 Resp: 3228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 58.4 | 47.4 | 71.0 |
| 126 | 20.5 | 11.0 | 16.6# |

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC0.5

**Manual Integrations APPROVED**
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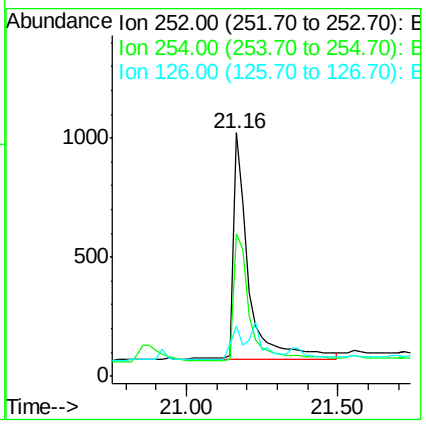
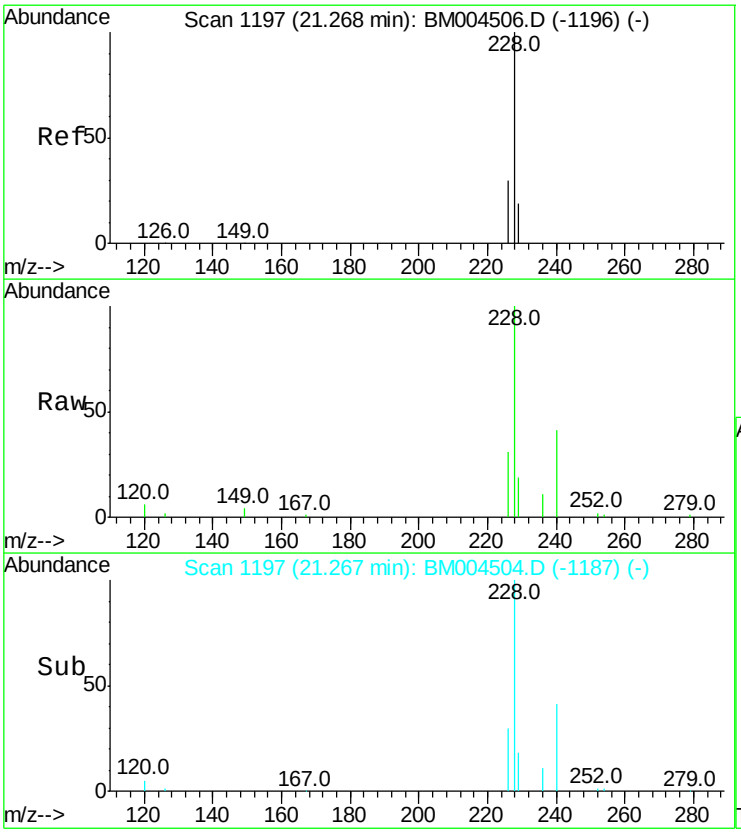
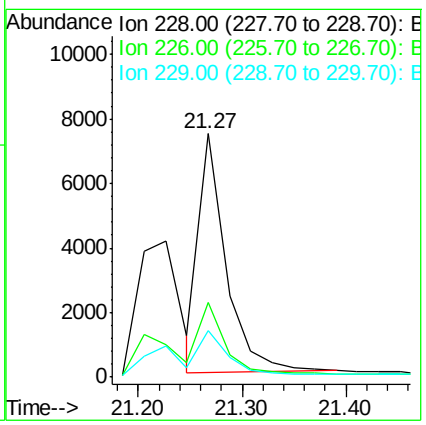


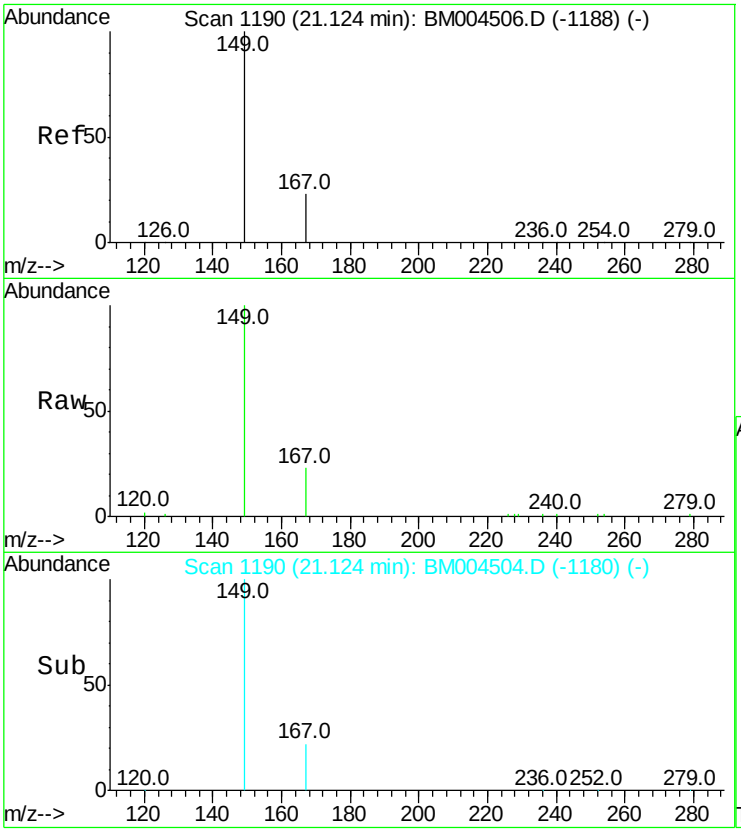




#32
Chrysene
Concen: 0.24 ng
RT: 21.27 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:228 Resp: 13416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.8 | 24.6 | 37.0 |
| 229 | 19.1 | 15.2 | 22.8 |






#33
Bis(2-ethylhexyl)phthalate
Concen: 0.36 ng
RT: 21.12 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:149 Resp: 7236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 24.8 | 20.2 | 30.4 |
| 279 | 0.0 | 0.0 | 0.0 |

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC0.5

**Manual Integrations APPROVED**
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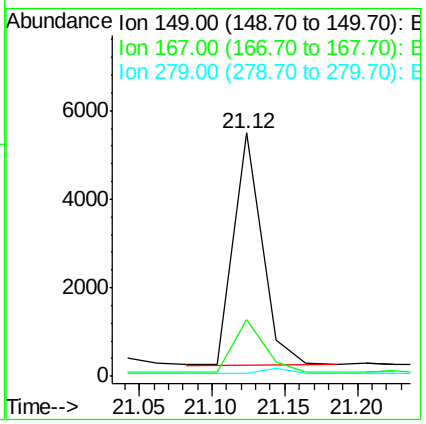
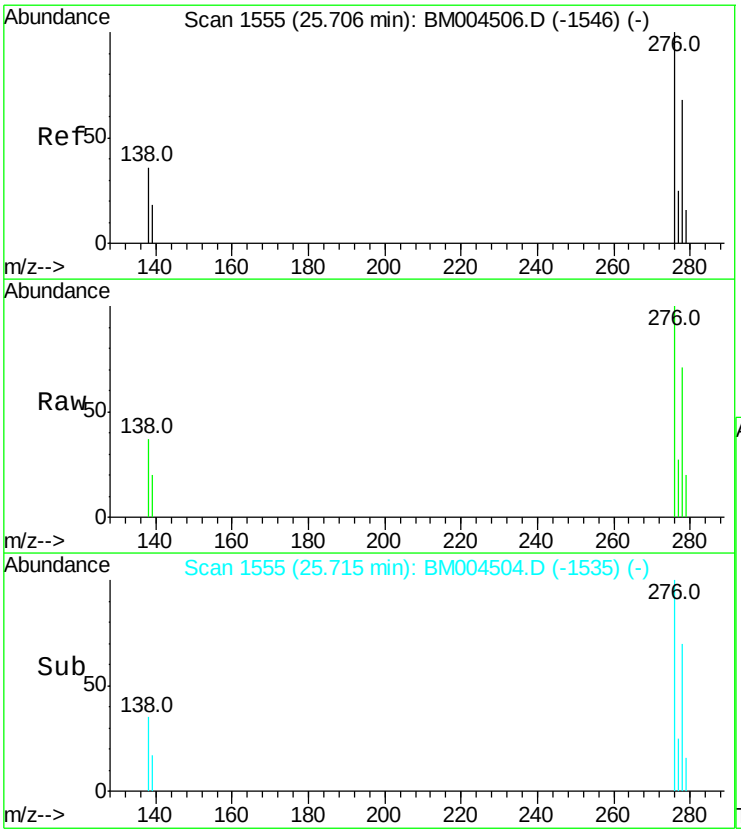
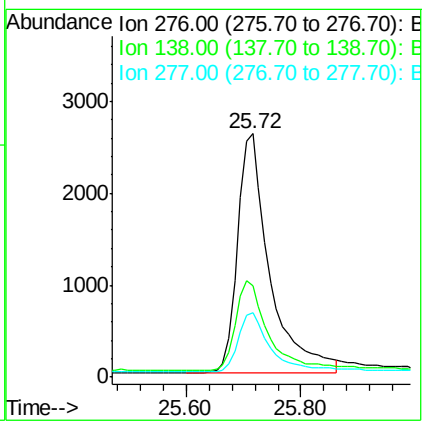


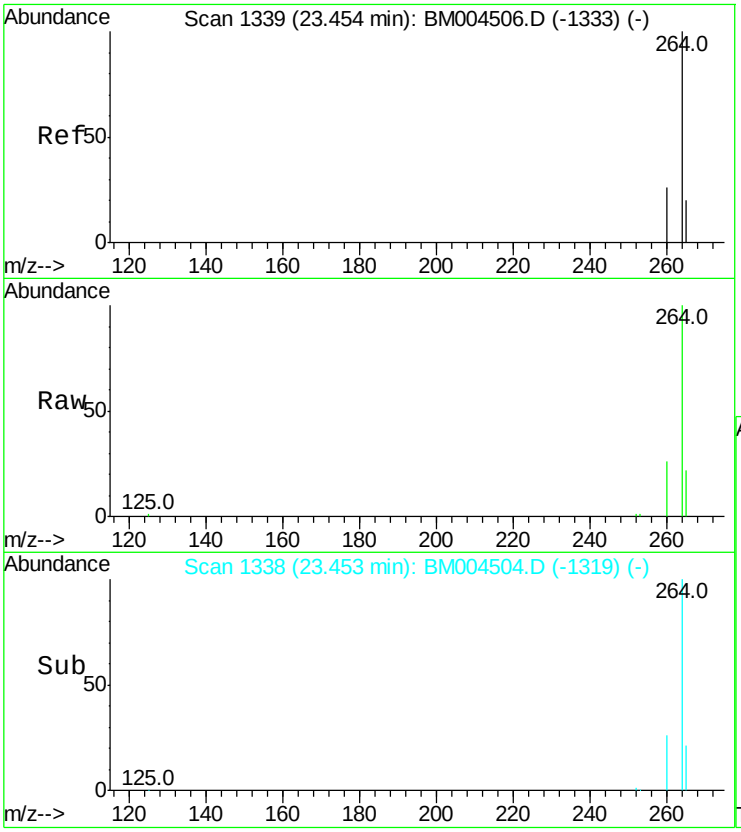




#34
Indeno(1,2,3-cd)pyrene
Concen: 0.40 ng
RT: 25.72 min Scan# 1555
Delta R.T. 0.01 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:276 Resp: 10130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 38.7 | 31.0 | 46.4 |
| 277 | 24.8 | 19.9 | 29.9 |

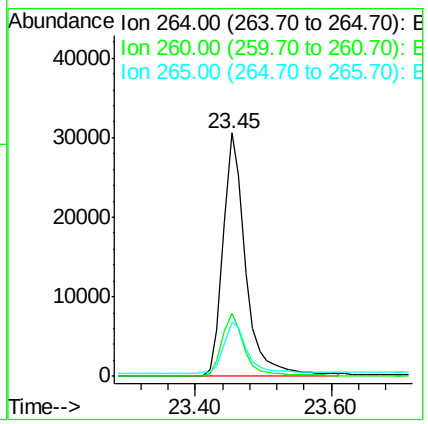





#35
Perylene-d12
Concen: 5.00 ng
RT: 23.45 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:264 Resp: 69939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.8 | 21.2 | 31.8 |
| 265 | 22.2 | 17.4 | 26.0 |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC0.5

**Manual Integrations APPROVED**
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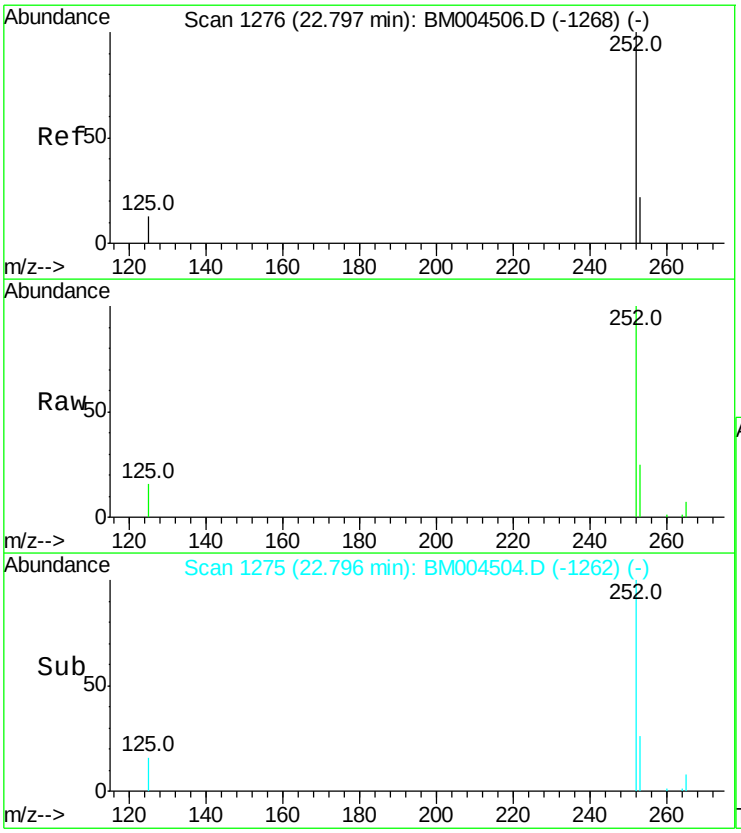
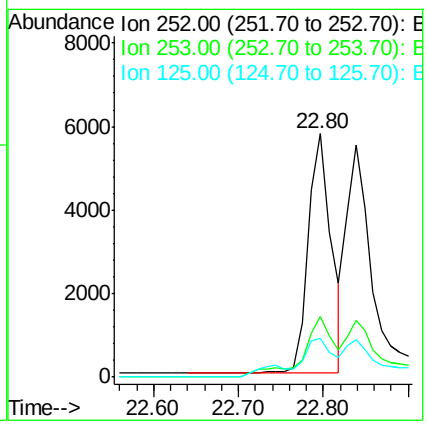
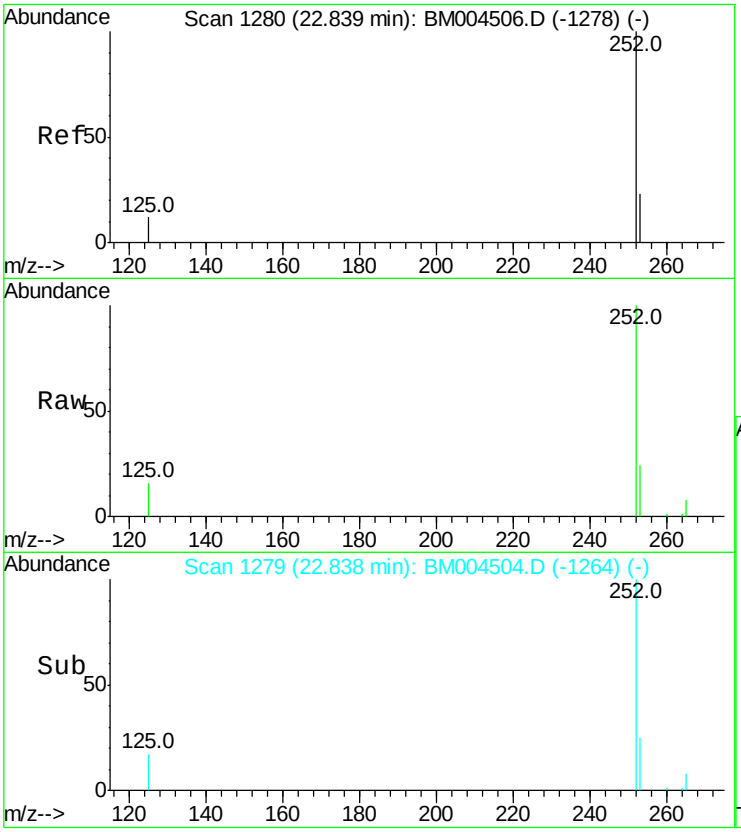



#36
Benzo(b)fluoranthene
Concen: 0.52 ng
RT: 22.80 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:252 Resp: 13735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.0 | 19.0 | 28.4 |
| 125 | 16.0 | 11.7 | 17.5 |

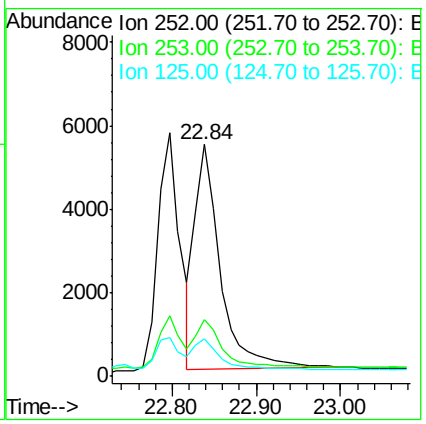





#37
Benzo(k)fluoranthene
Concen: 0.43 ng
RT: 22.84 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:252 Resp: 11207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.4 | 18.9 | 28.3 |
| 125 | 16.3 | 11.9 | 17.9 |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC0.5

**Manual Integrations APPROVED**
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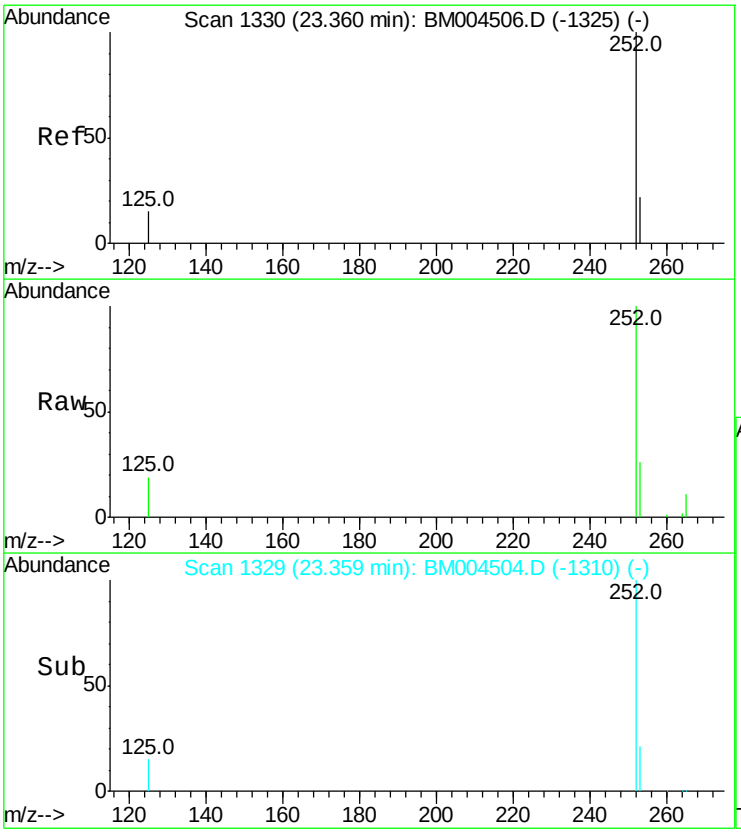
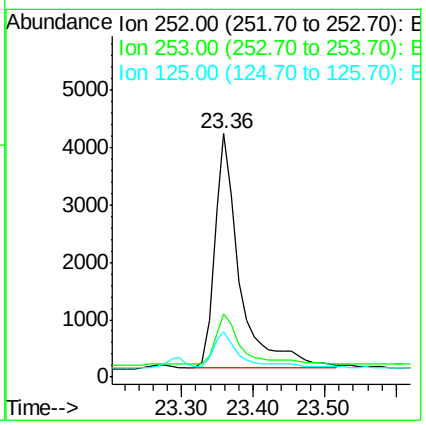
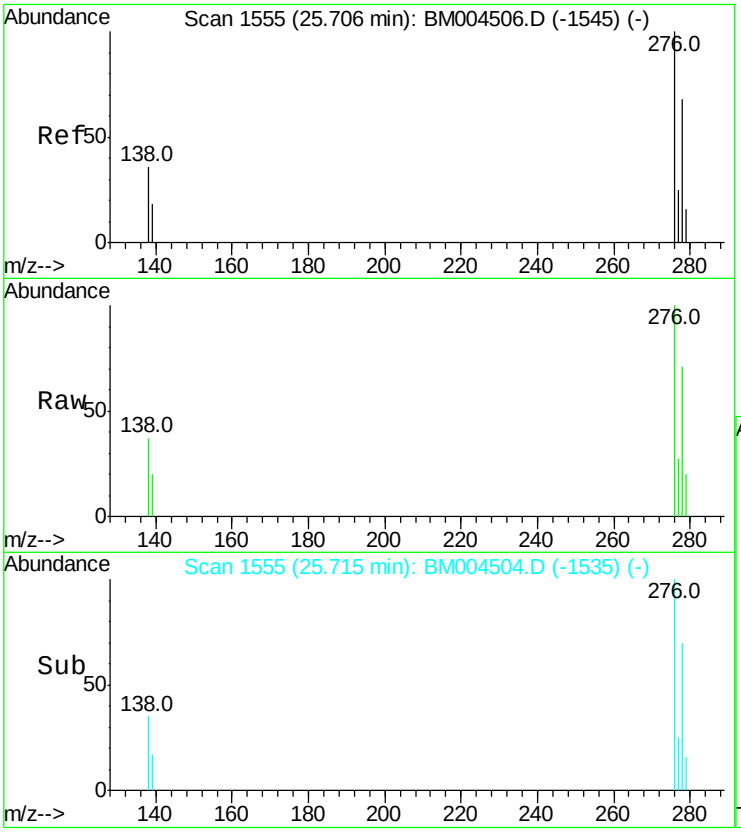



#38
Benzo(a)pyrene
Concen: 0.42 ng
RT: 23.36 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:252 Resp: 10032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.7 | 19.0 | 28.6 |
| 125 | 18.7 | 13.7 | 20.5 |

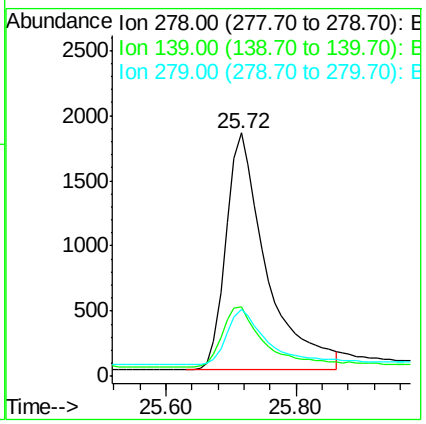





#39
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 25.72 min Scan# 1555
Delta R.T. 0.01 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:278 Resp: 7779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 28.4 | 22.6 | 33.8 |
| 279 | 27.7 | 20.1 | 30.1 |




**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC0.5

**Manual Integrations APPROVED**
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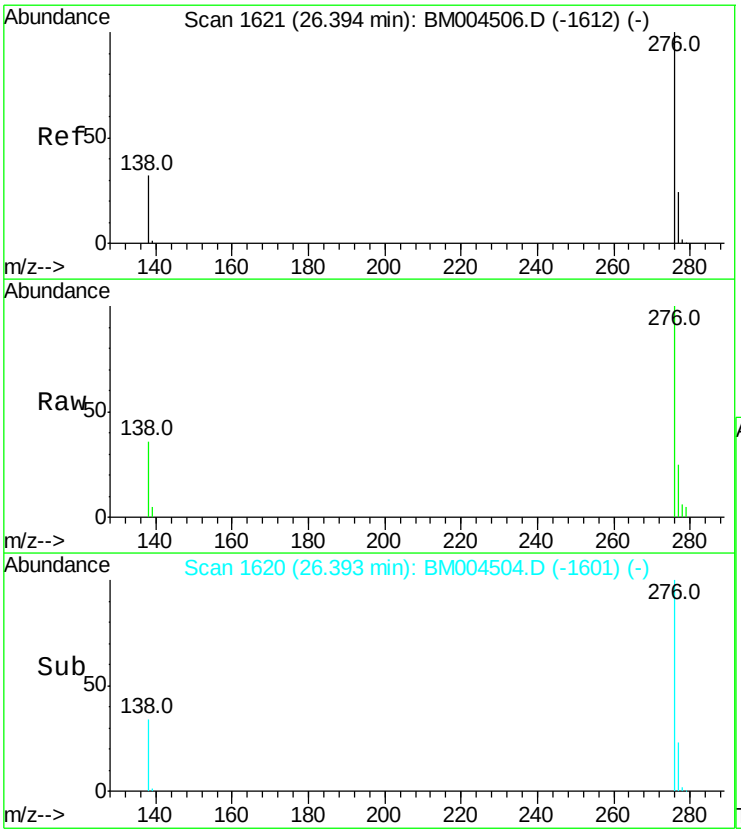


#40
Benzo(g,h,i)perylene
Concen: 0.40 ng
RT: 26.39 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:276 Resp: 9059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 25.0 | 19.8 | 29.8 |
| 138 | 36.3 | 26.6 | 40.0 |