Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
Data File : BM003747.D
Acq On : 23 Dec 2015 17:30
Operator : UM/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Dec 24 01:26:38 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 01:22:48 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.69 | 152 | 44284 | 5.00 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.48 | 136 | 182583 | 5.00 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.33 | 164 | 103995 | 5.00 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.06 | 188 | 198098 | 5.00 | ng | | 0.00 |
| 26) Chrysene-d12 | 21.27 | 240 | 219191 | 5.00 | ng | | -0.02 |
| 35) Perylene-d12 | 23.52 | 264 | 193803 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.27 | 112 | 2199 | 0.25 | ng | | 0.00 |
| 5) Phenol-d6 | 6.87 | 99 | 2614 | 0.24 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.85 | 82 | 1913 | 0.22 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.84 | 330 | 1938 | 0.89 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.96 | 172 | 6391 | 0.20 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.72 | 244 | 43604 | 1.22 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.18 | 88 | 1032 | 0.26 | ng | | 94 |
| 3) n-Nitrosodimethylamine | 3.51 | 42 | 916 | 0.22 | ng | # | 93 |
| 6) bis(2-Chloroethyl)ether | 7.11 | 93 | 2265 | 0.22 | ng | | 99 |
| 9) Nitrobenzene | 8.89 | 77 | 2131 | 0.23 | ng | | 98 |
| 10) Naphthalene | 10.51 | 128 | 8740 | 0.22 | ng | | 98 |
| 11) Hexachlorobutadiene | 10.80 | 225 | 1346 | 0.22 | ng | | 99 |
| 12) 2-Methylnaphthalene | 12.14 | 142 | 5563 | 0.21 | ng | | 97 |
| 16) Acenaphthylene | 14.04 | 152 | 9020 | 0.22 | ng | | 100 |
| 17) Acenaphthene | 14.39 | 154 | 6274 | 0.23 | ng | | 98 |
| 18) Fluorene | 15.39 | 166 | 7202 | 0.23 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 16.27 | 248 | 2406 | 0.37 | ng | | 95 |
| 21) Hexachlorobenzene | 16.40 | 284 | 2458 | 0.33 | ng | # | 100 |
| 22) Pentachlorophenol | 16.73 | 266 | 2251 | 1.03 | ng | # | 70 |
| 23) Phenanthrene | 17.11 | 178 | 16583 | 0.40 | ng | | 99 |
| 24) Anthracene | 17.22 | 178 | 10958 | 0.27 | ng | | 99 |
| 25) Fluoranthene | 19.14 | 202 | 24384 | 0.59 | ng | | 100 |
| 27) Benzidine | 19.35 | 184 | 539 | 0.03 | ng | # | 21 |
| 28) Pyrene | 19.52 | 202 | 28337 | 0.36 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.31 | 228 | 56383 | 0.96 | ng | # | 87 |
| 31) 3,3'-Dichlorobenzidine | 21.21 | 252 | 5385 | 0.35 | ng | # | 99 |
| 32) Chrysene | 21.31 | 228 | 56531 | 0.83 | ng | | 98 |
| 33) Bis(2-ethylhexyl)phthalate | 21.19 | 149 | 18227 | 0.60 | ng | # | 98 |
| 34) Indeno(1,2,3-cd)pyrene | 25.77 | 276 | 24223 | 0.47 | ng | | 100 |
| 36) Benzo(b)fluoranthene | 22.89 | 252 | 21062 | 0.36 | ng | | 98 |
| 37) Benzo(k)fluoranthene | 22.89 | 252 | 21062 | 0.40 | ng | | 98 |
| 38) Benzo(a)pyrene | 23.42 | 252 | 23446 | 0.48 | ng | | 97 |
| 39) Dibenzo(a,h)anthracene | 25.78 | 278 | 20699 | 0.47 | ng | | 96 |
| 40) Benzo(g,h,i)perylene | 26.47 | 276 | 21236 | 0.45 | ng | | 99 |

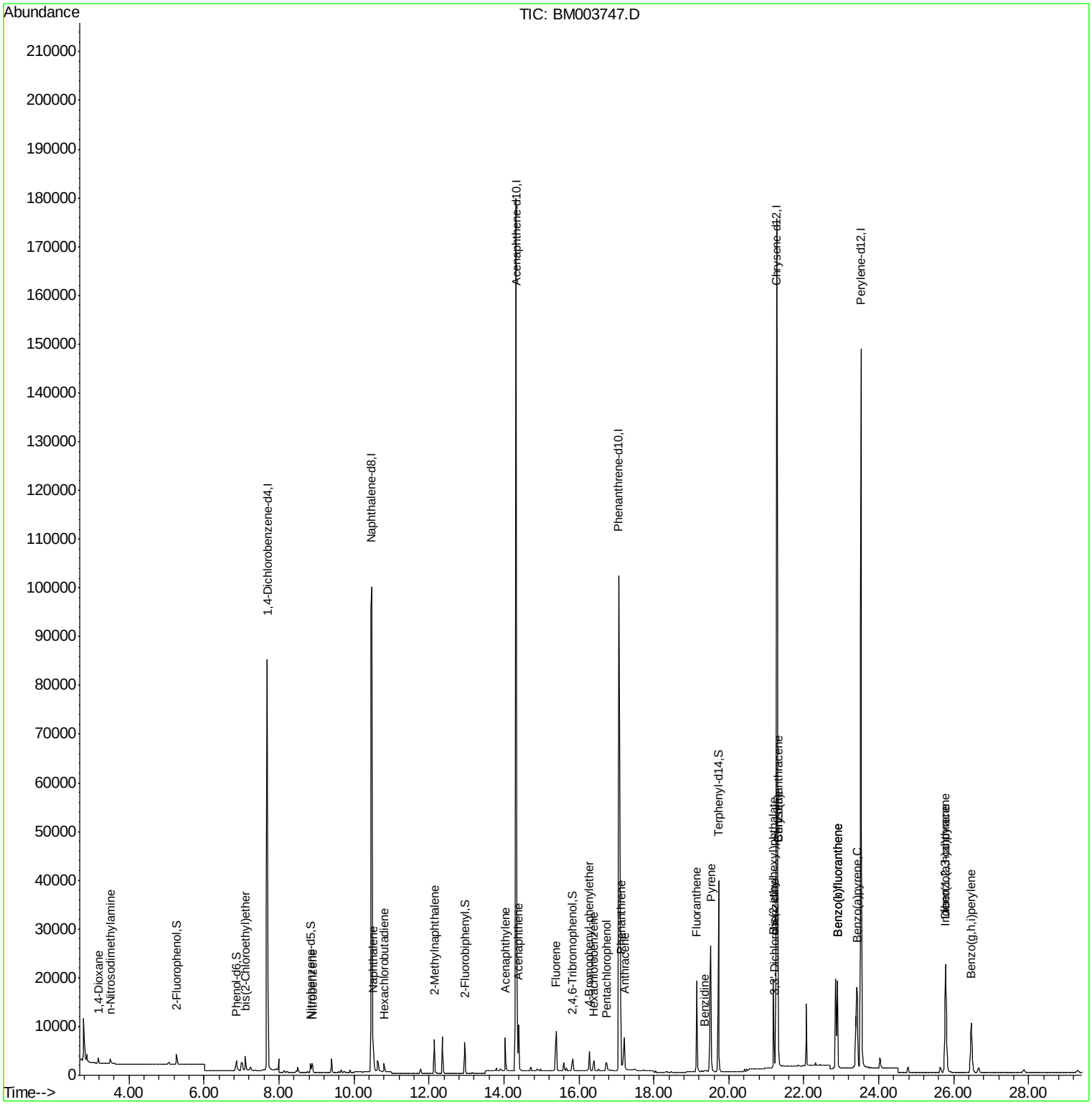
(#) = qualifier out of range (m) = manual integration (+) = signals summed

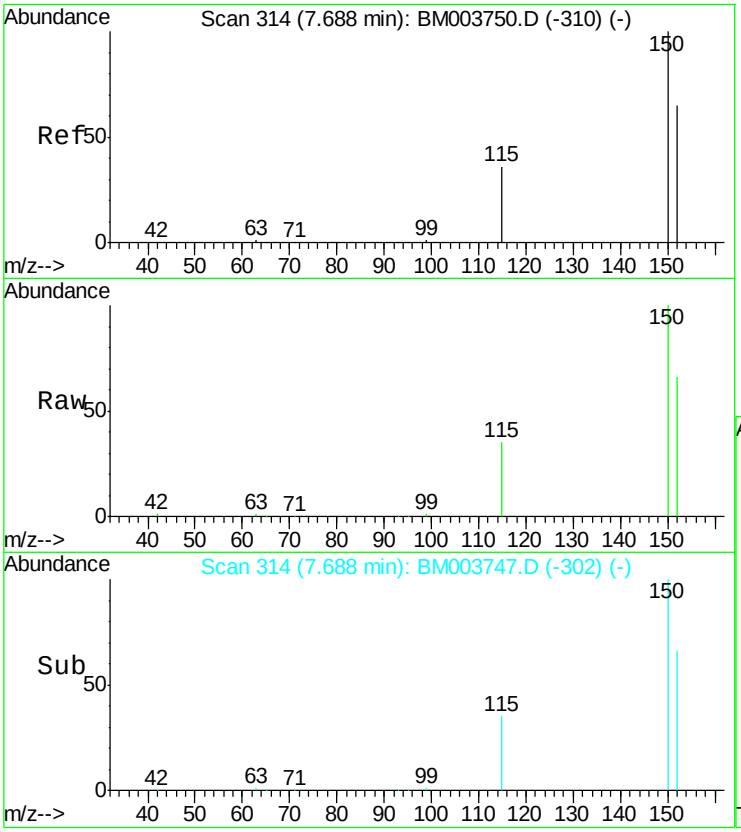
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
Data File : BM003747.D
Acq On : 23 Dec 2015 17:30
Operator : UM/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Dec 24 01:26:38 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 01:22:48 2015
Response via : Initial Calibration



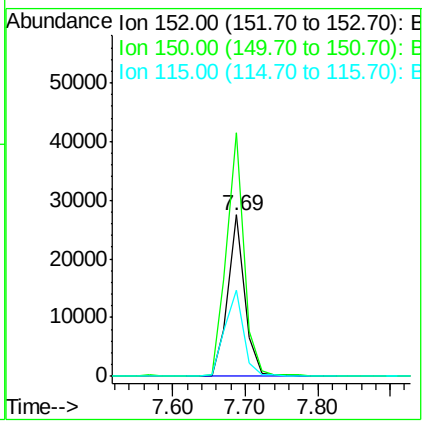


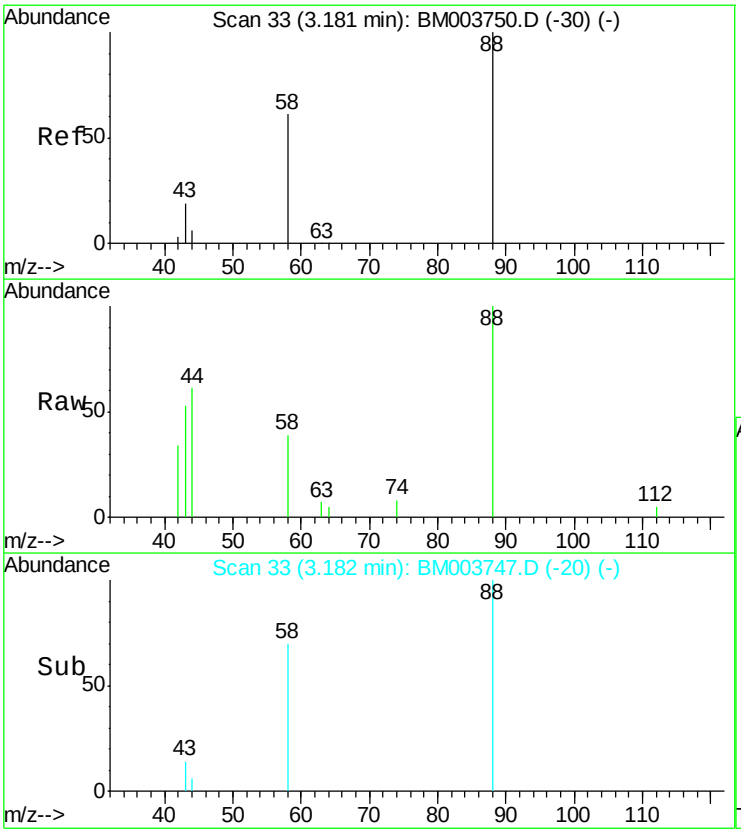

#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 314
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

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

Tgt Ion:152 Resp: 44284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 151.1 | 122.9 | 184.3 |
| 115 | 53.6 | 44.4 | 66.6 |

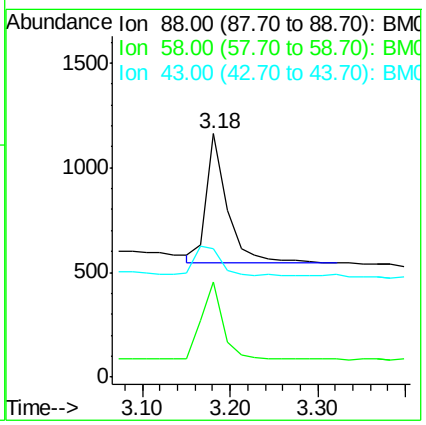


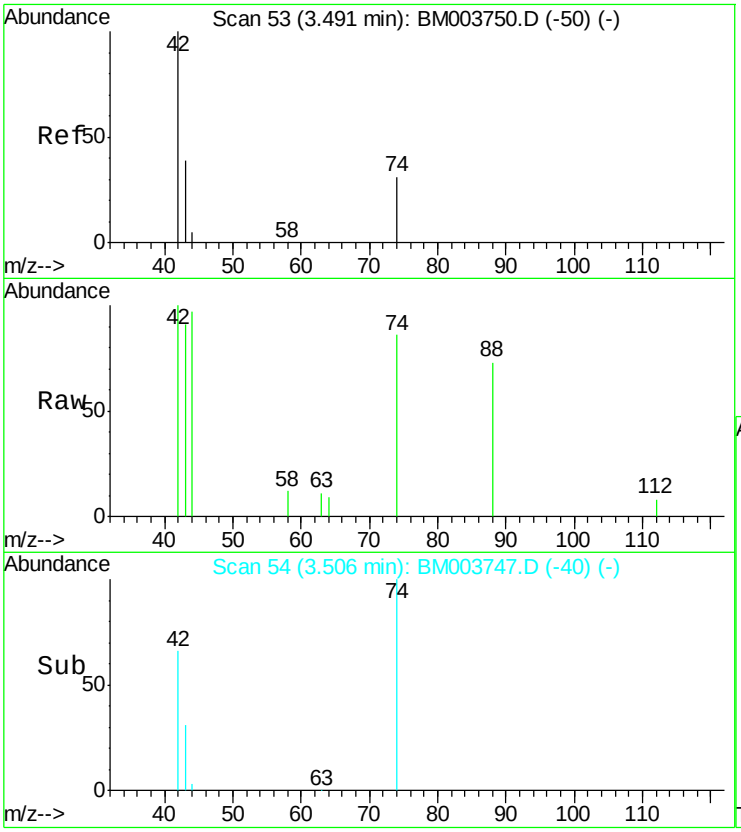




#2
1,4-Dioxane
Concen: 0.26 ng
RT: 3.18 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

Tgt Ion: 88 Resp: 1032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 61.4 | 53.8 | 80.6 |
| 43 | 31.4 | 23.8 | 35.6 |



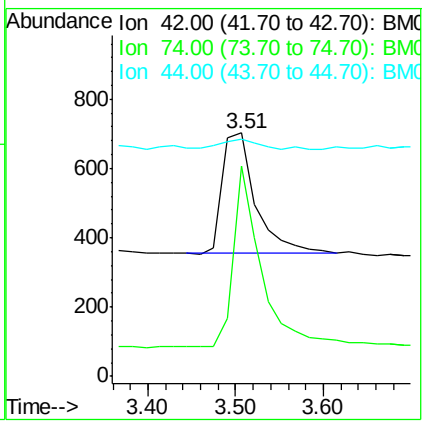


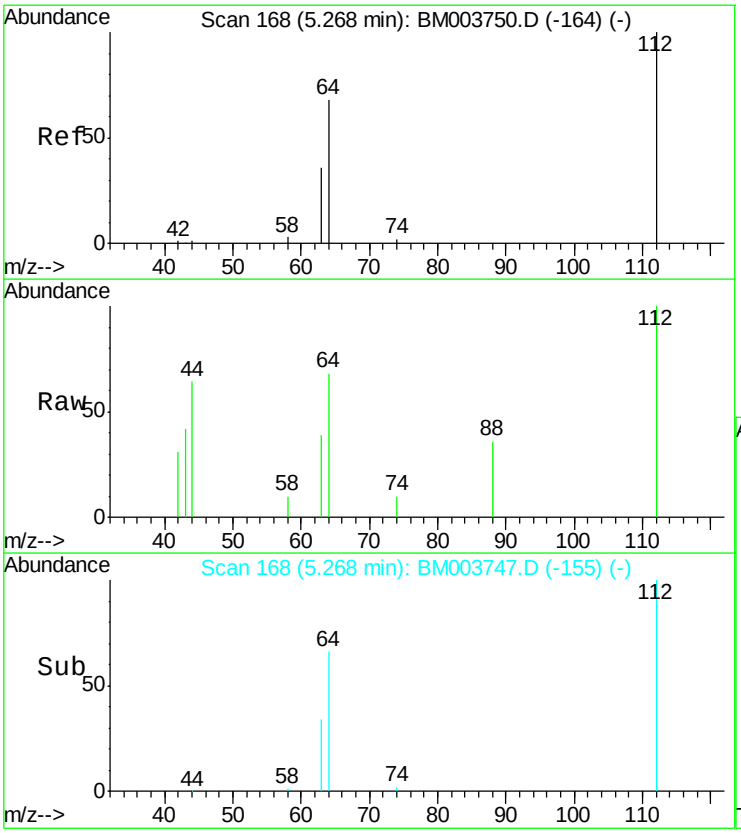

#3
n-Nitrosodimethylamine
Concen: 0.22 ng
RT: 3.51 min Scan# 54
Delta R.T. 0.02 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

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

Tgt Ion: 42 Resp: 916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 126.3 | 95.0 | 142.4 |
| 44 | 9.6 | 5.1 | 7.7# |

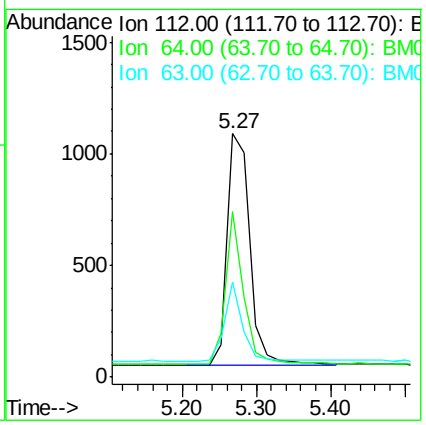


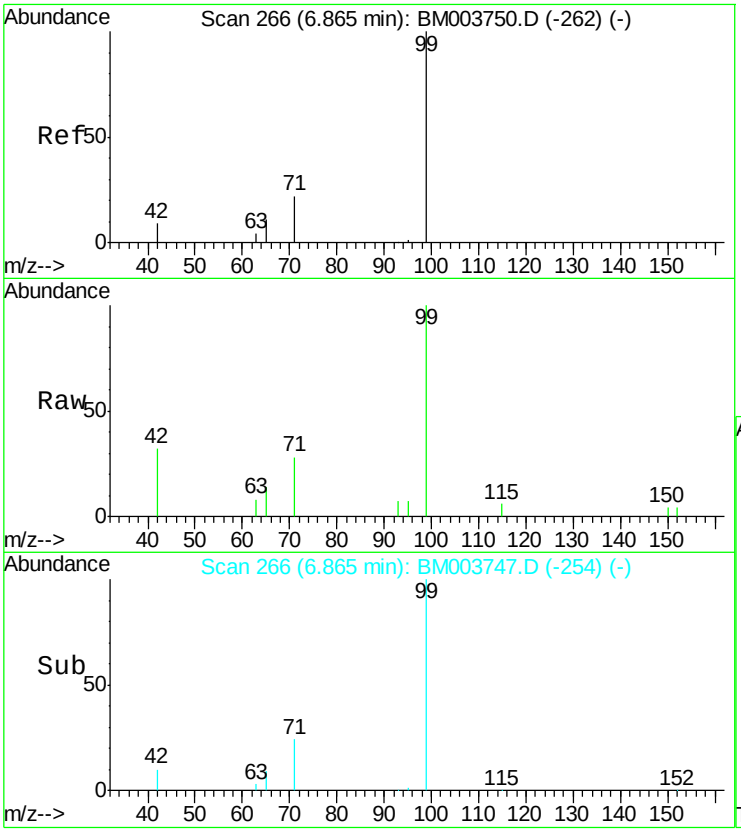




#4
2-Fluorophenol
Concen: 0.25 ng
RT: 5.27 min Scan# 168
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

Tgt Ion:112 Resp: 2199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 52.1 | 41.8 | 62.8 |
| 63 | 27.6 | 22.1 | 33.1 |



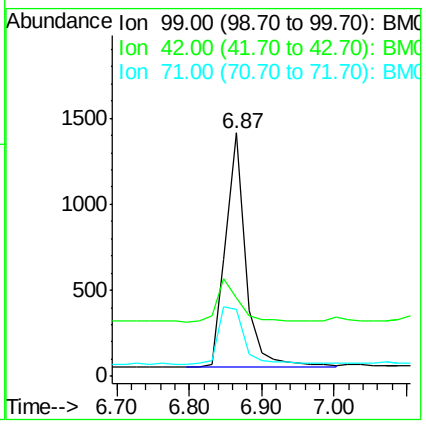


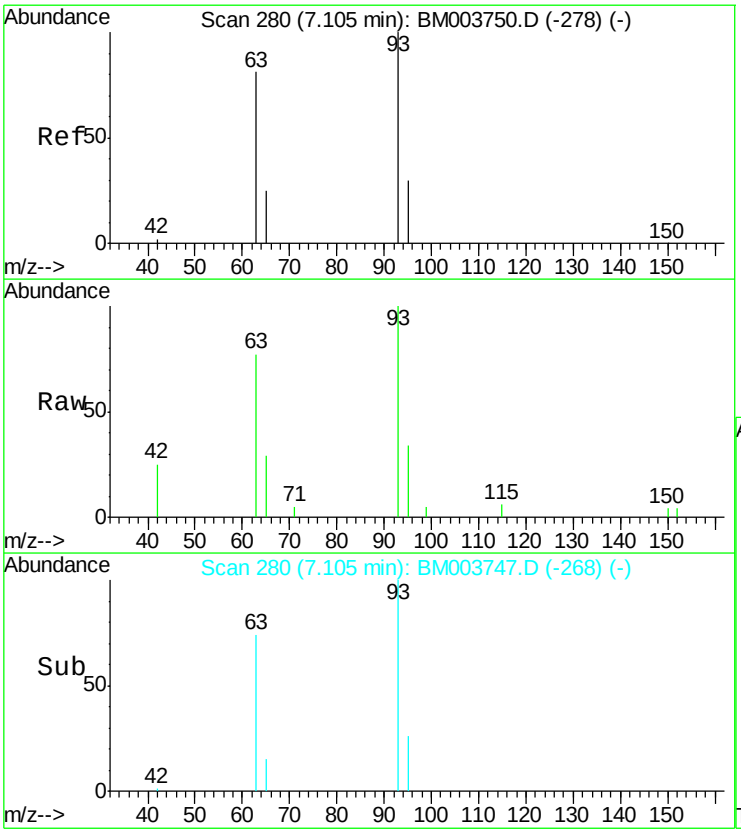

#5
Phenol-d6
Concen: 0.24 ng
RT: 6.87 min Scan# 266
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

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

Tgt Ion: 99 Resp: 2614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.2 | 16.2 | 24.2 |
| 71 | 31.1 | 24.4 | 36.6 |

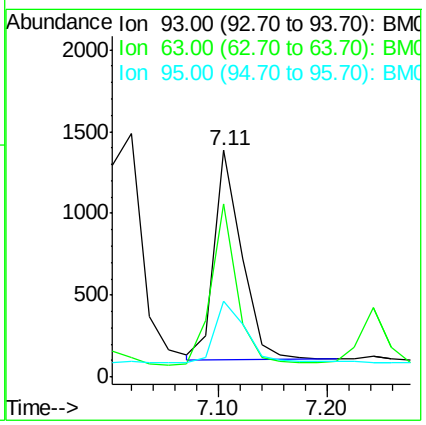


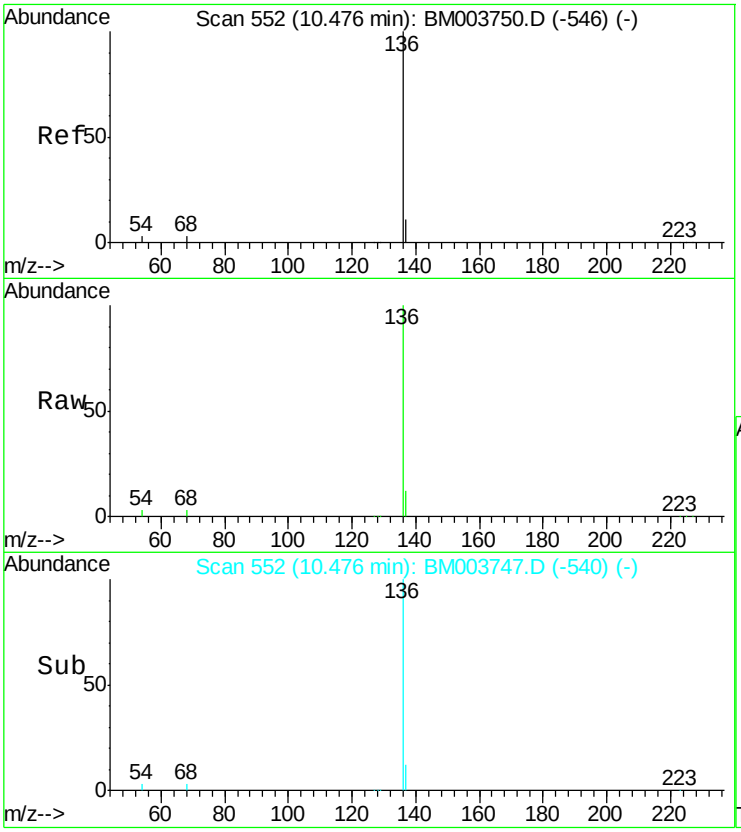




#6
bis(2-Chloroethyl)ether
Concen: 0.22 ng
RT: 7.11 min Scan# 280
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

Tgt Ion: 93 Resp: 2265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 72.5 | 58.3 | 87.5 |
| 95 | 33.2 | 25.8 | 38.8 |



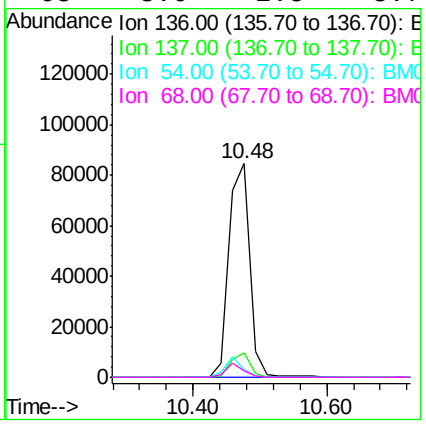


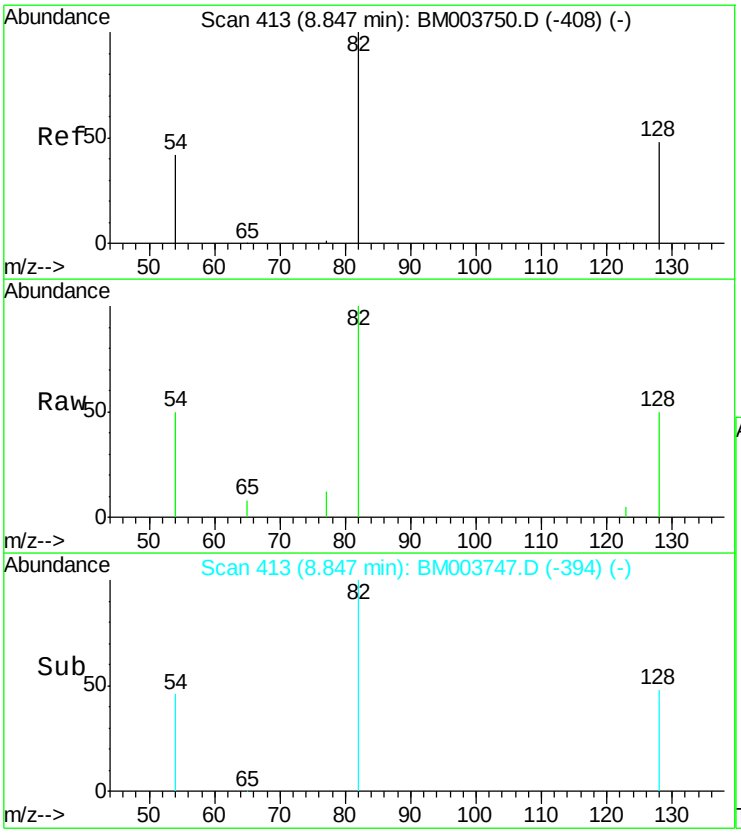

#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.48 min Scan# 552
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

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

Tgt Ion:136 Resp: 182583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.7 | 9.2 | 13.8 |
| 54 | 3.4 | 2.8 | 4.2 |
| 68 | 3.0 | 2.5 | 3.7 |

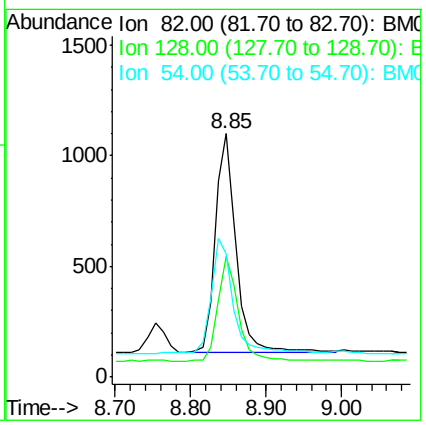


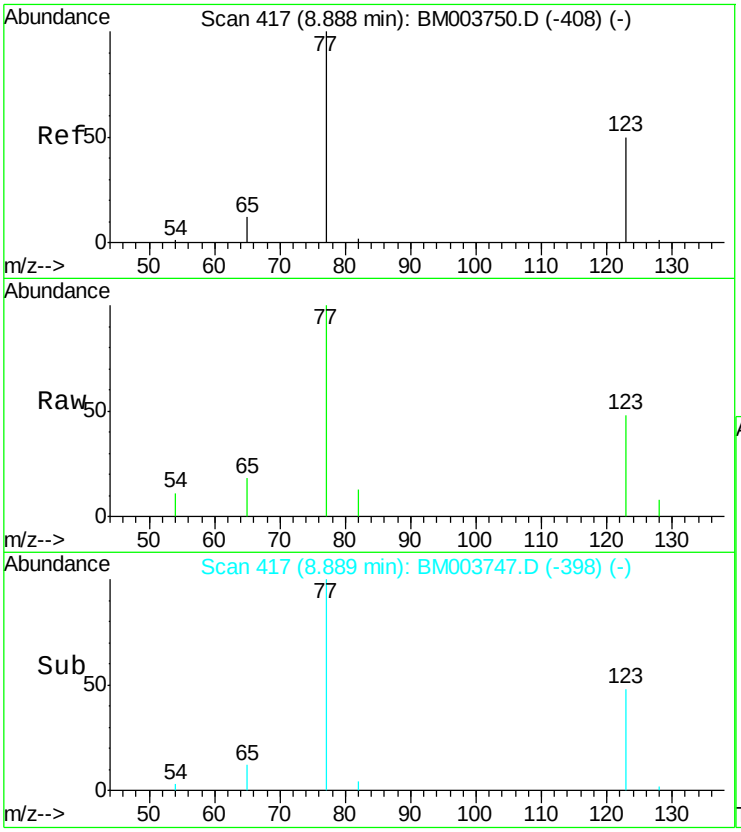




#8
Nitrobenzene-d5
Concen: 0.22 ng
RT: 8.85 min Scan# 413
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

Tgt Ion: 82 Resp: 1913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.5 | 39.1 | 58.7 |
| 54 | 50.5 | 34.8 | 52.2 |

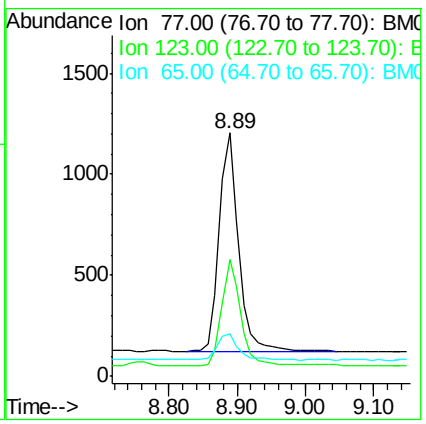




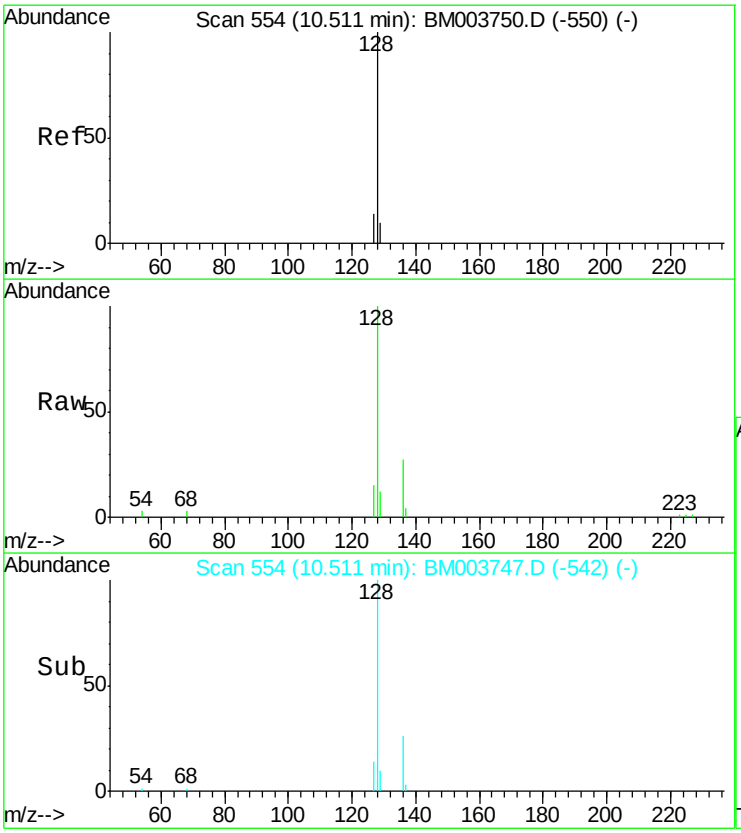

#9
Nitrobenzene
Concen: 0.23 ng
RT: 8.89 min Scan# 417
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

Tgt Ion: 77 Resp: 2131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 47.4 | 38.6 | 57.8 |
| 65 | 13.5 | 9.9 | 14.9 |



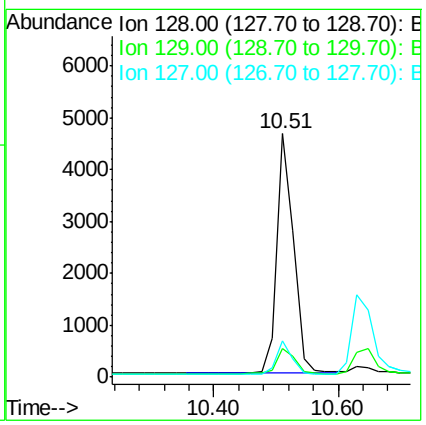

**Instrument :**
BNA_M
**ClientSampleId :**

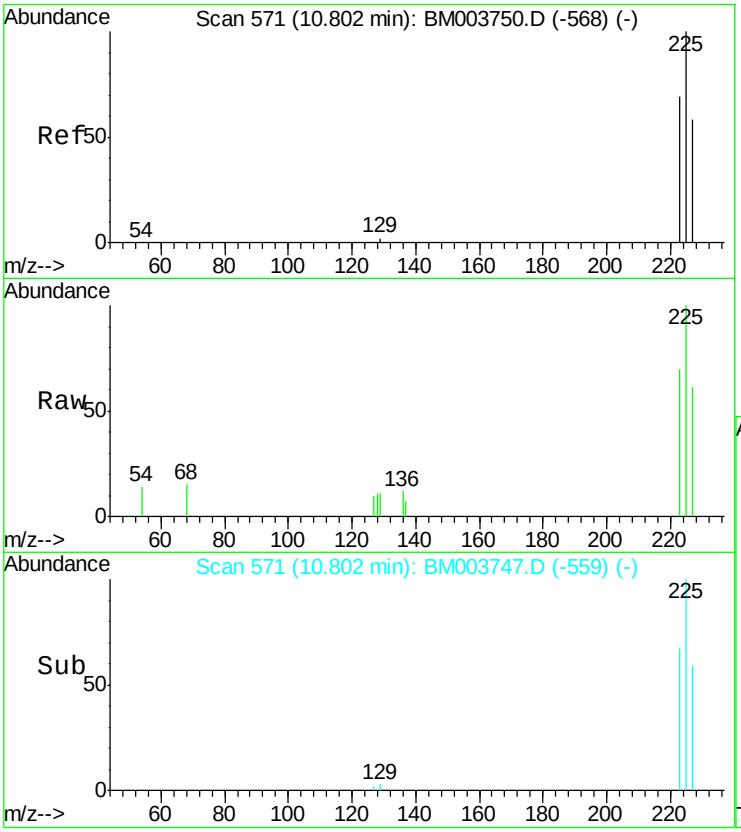



#10
Naphthalene
Concen: 0.22 ng
RT: 10.51 min Scan# 554
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

Tgt Ion:128 Resp: 8740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.6 | 8.5 | 12.7 |
| 127 | 14.6 | 11.0 | 16.4 |



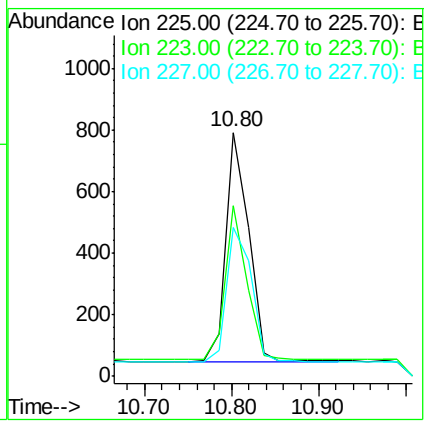


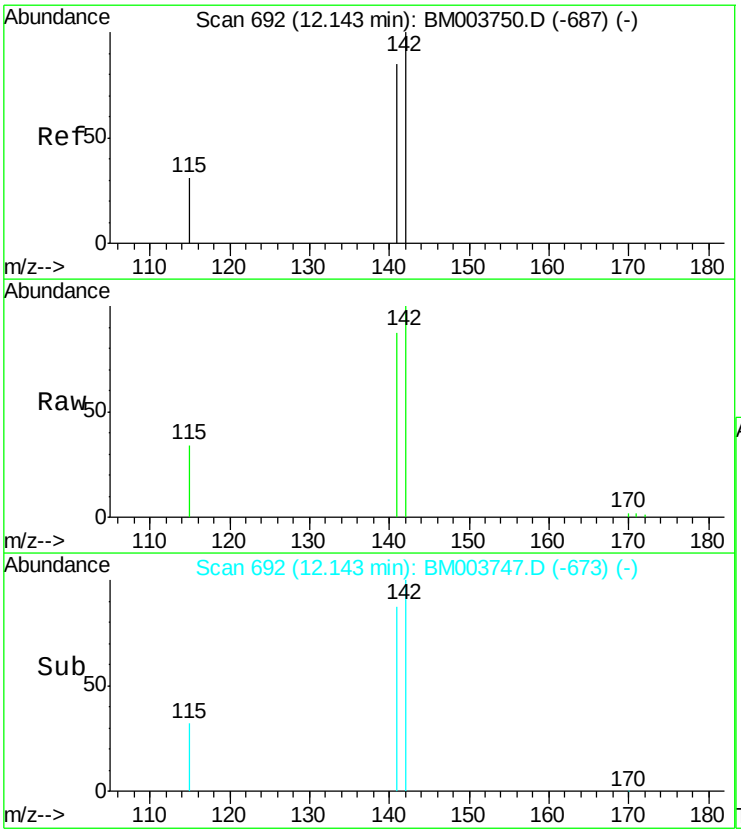

#11
Hexachlorobutadiene
Concen: 0.22 ng
RT: 10.80 min Scan# 571
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

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

Tgt Ion:225 Resp: 1346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.9 | 50.9 | 76.3 |
| 227 | 64.1 | 51.2 | 76.8 |

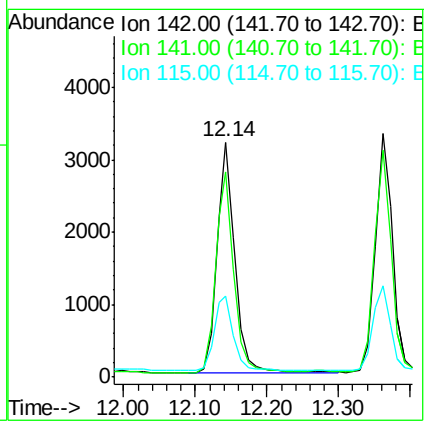


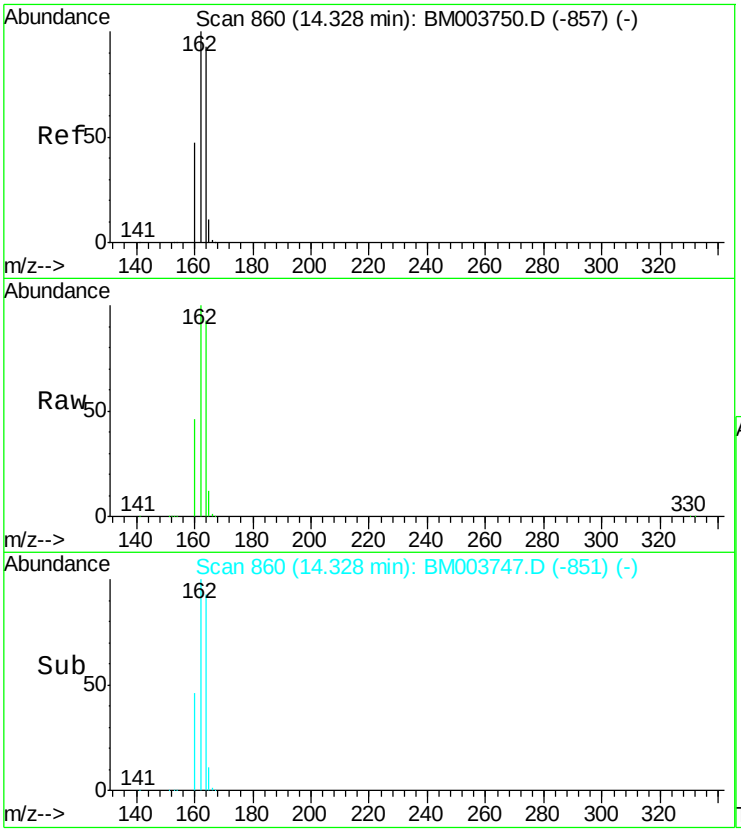




#12
2-Methylnaphthalene
Concen: 0.21 ng
RT: 12.14 min Scan# 692
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

Tgt Ion:142 Resp: 5563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.1 | 67.8 | 101.8 |
| 115 | 34.5 | 25.3 | 37.9 |



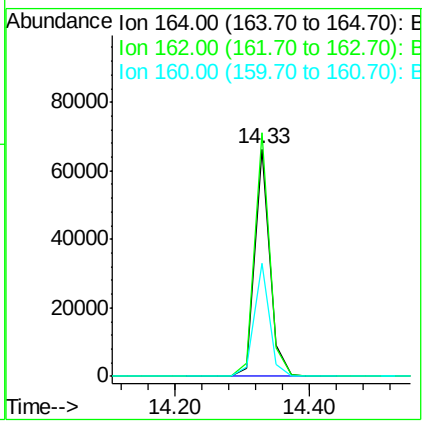


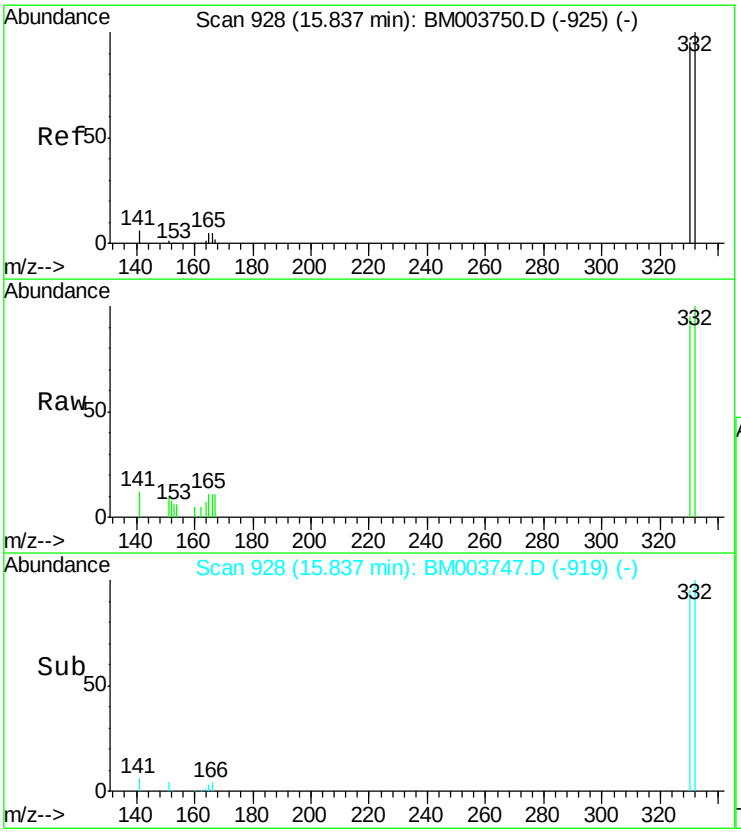

#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.33 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

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

Tgt Ion:164 Resp: 103995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 107.3 | 86.0 | 129.0 |
| 160 | 49.7 | 40.3 | 60.5 |

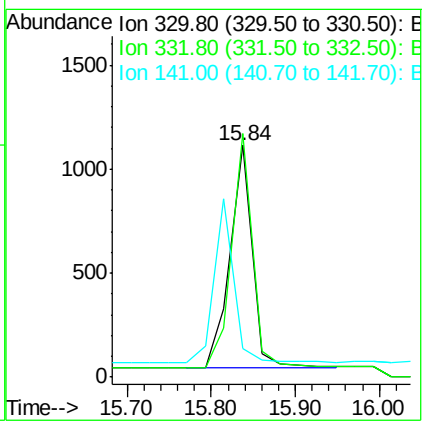


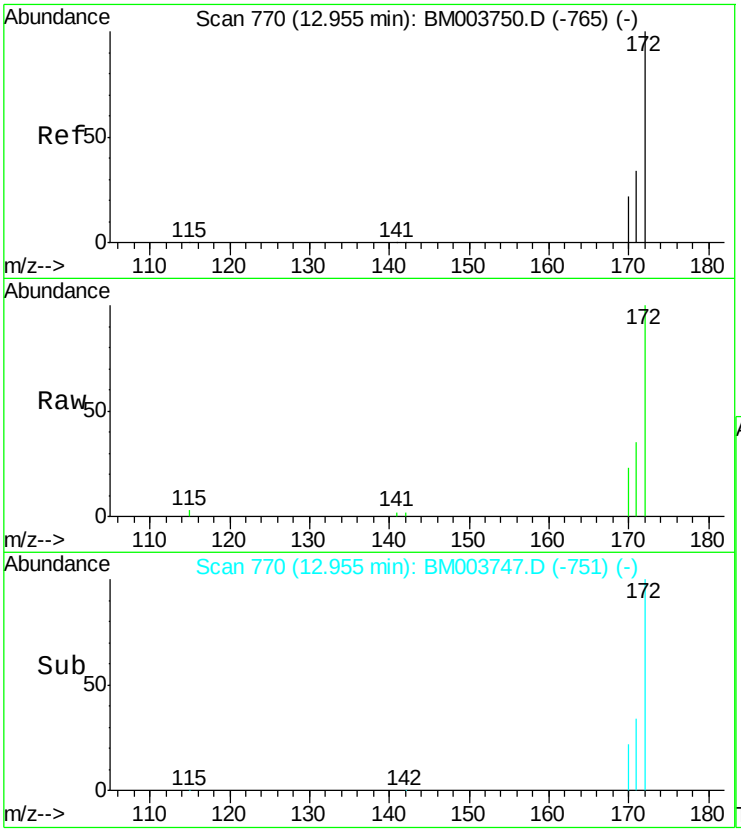




#14
2,4,6-Tribromophenol
Concen: 0.89 ng
RT: 15.84 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

Tgt Ion:330 Resp: 1938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.7 | 79.0 | 118.4 |
| 141 | 0.0 | 0.0 | 0.0 |



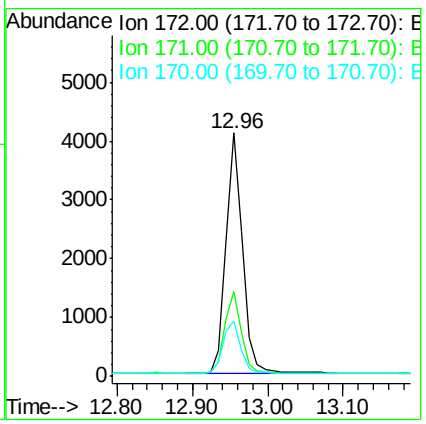


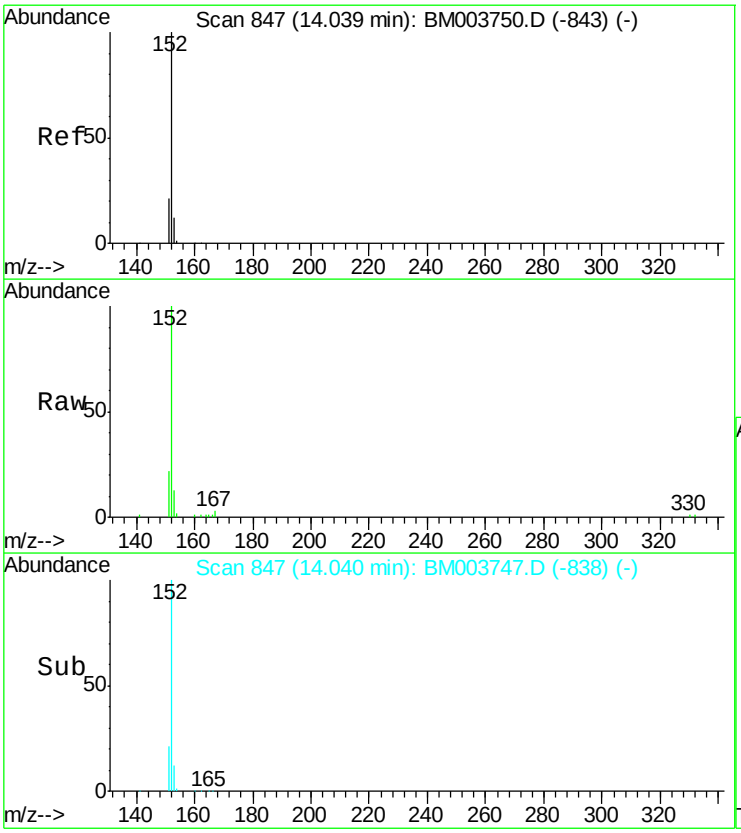

#15
2-Fluorobiphenyl
Concen: 0.20 ng
RT: 12.96 min Scan# 770
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

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

Tgt Ion:172 Resp: 6391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.7 | 27.0 | 40.6 |
| 170 | 22.9 | 17.9 | 26.9 |

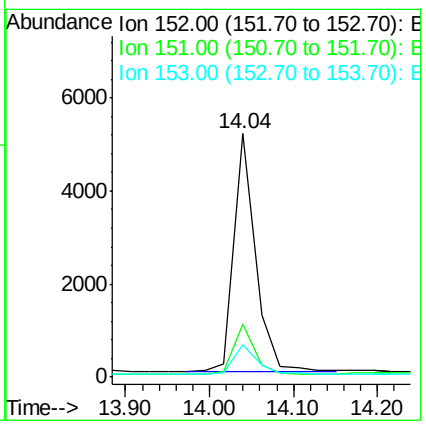


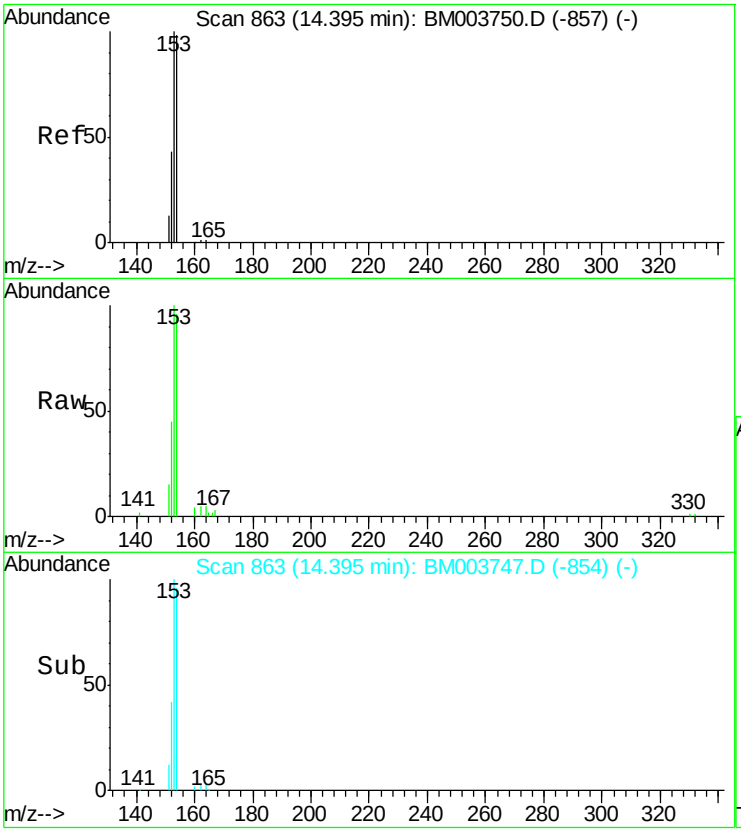




#16
Acenaphthylene
Concen: 0.22 ng
RT: 14.04 min Scan# 847
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

Tgt Ion:152 Resp: 9020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.0 | 15.8 | 23.8 |
| 153 | 12.7 | 10.2 | 15.4 |



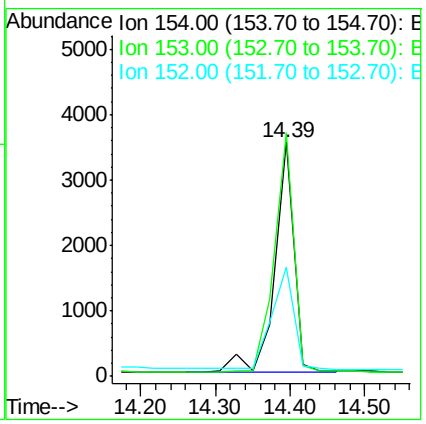


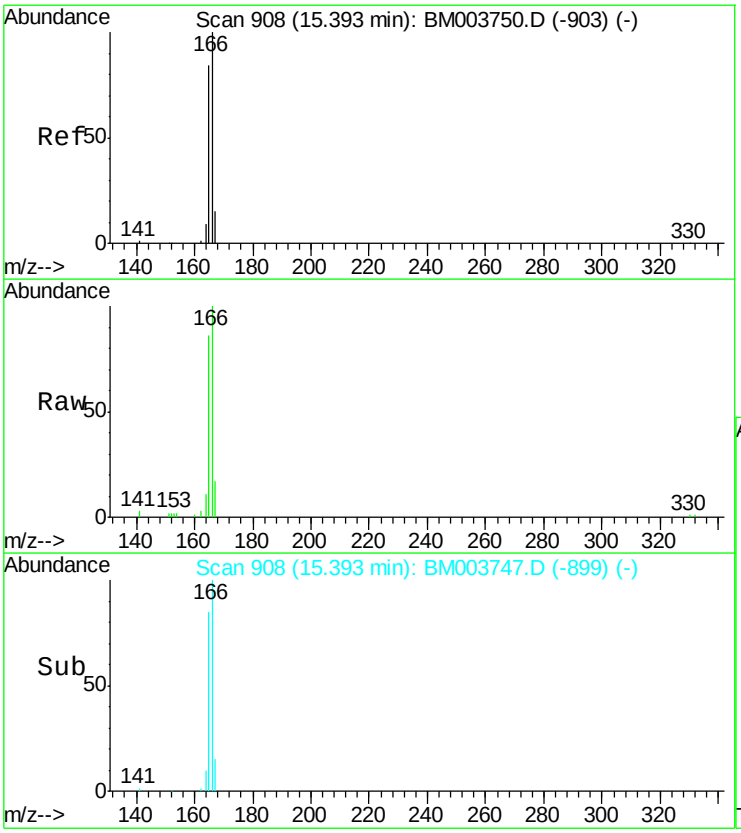

#17
Acenaphthene
Concen: 0.23 ng
RT: 14.39 min Scan# 863
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

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

Tgt Ion:154 Resp: 6274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 104.0 | 85.4 | 128.2 |
| 152 | 49.8 | 40.6 | 60.8 |

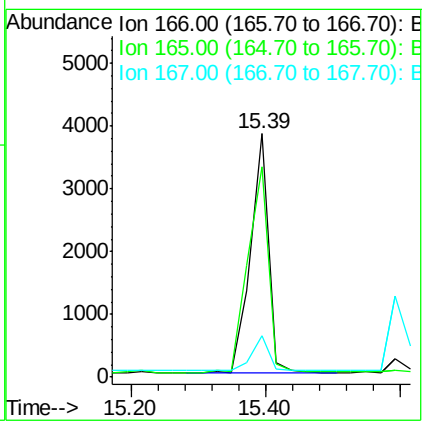


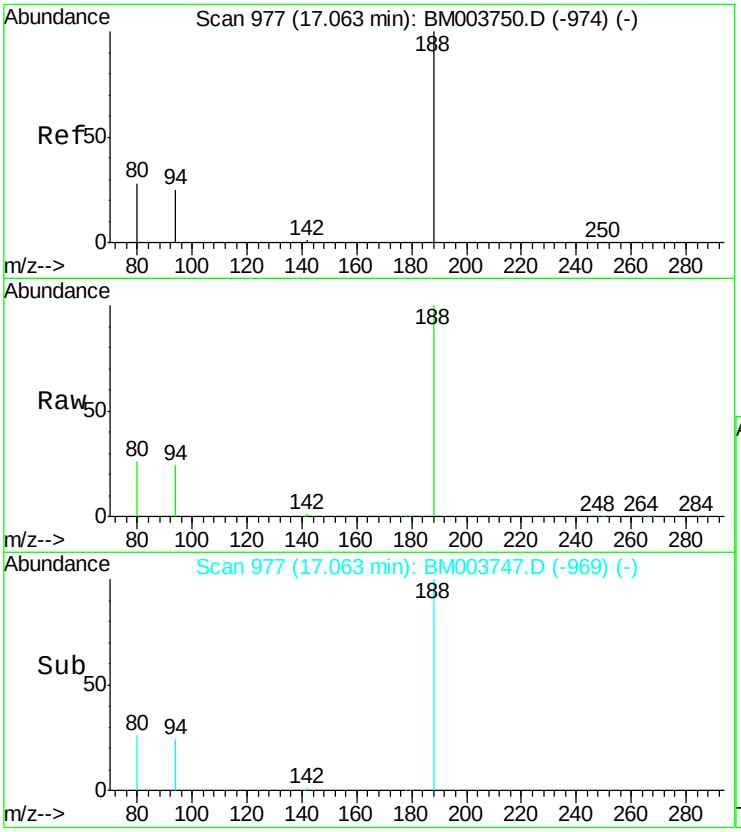




#18
Fluorene
Concen: 0.23 ng
RT: 15.39 min Scan# 908
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

Tgt Ion:166 Resp: 7202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 96.5 | 77.2 | 115.8 |
| 167 | 13.6 | 11.0 | 16.6 |



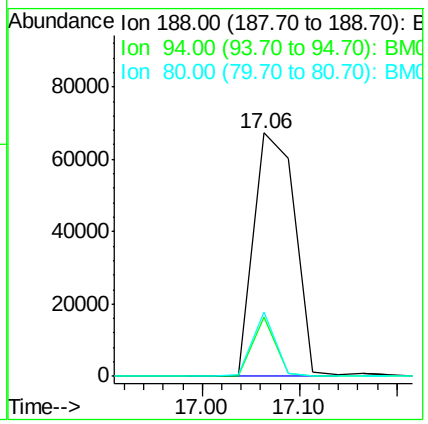


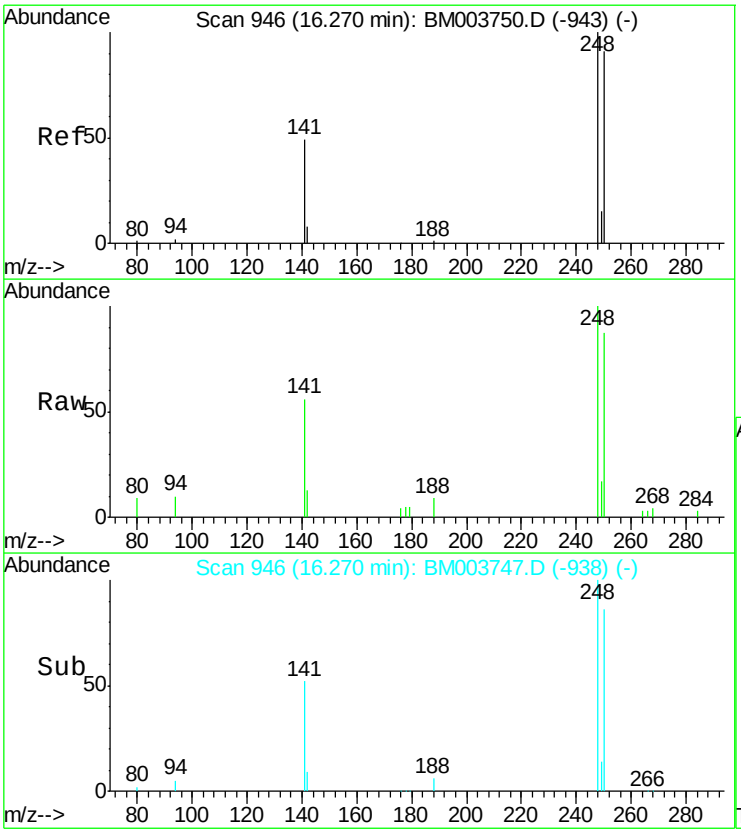

#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

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

Tgt Ion:188 Resp: 198098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 24.1 | 20.3 | 30.5 |
| 80 | 26.4 | 22.2 | 33.4 |

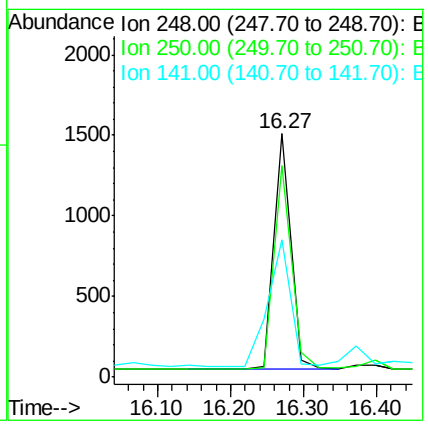


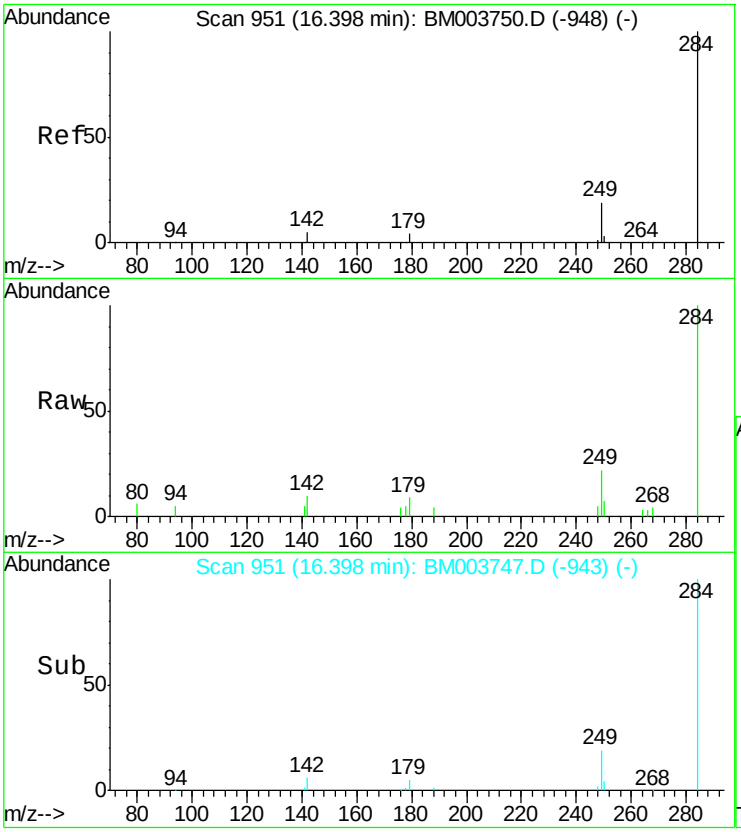




#20
4-Bromophenyl-phenylether
Concen: 0.37 ng
RT: 16.27 min Scan# 946
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

Tgt Ion:248 Resp: 2406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 88.7 | 75.0 | 112.4 |
| 141 | 69.4 | 53.0 | 79.4 |



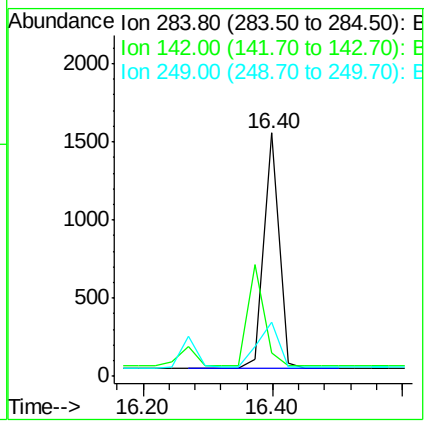


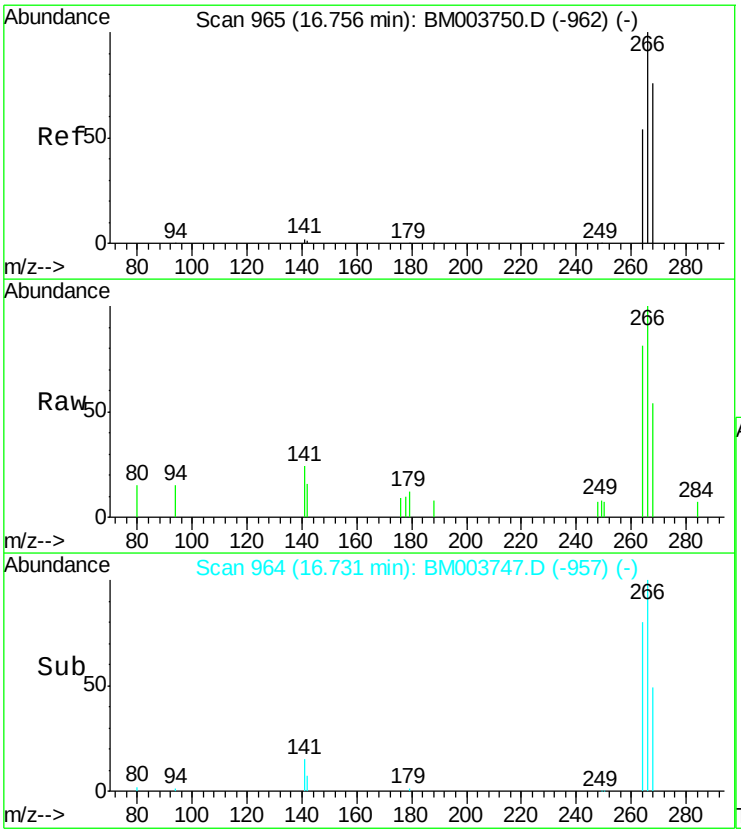

#21
Hexachlorobenzene
Concen: 0.33 ng
RT: 16.40 min Scan# 951
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

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

Tgt Ion:284 Resp: 2458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 0.0 | 0.0 | 0.0 |
| 249 | 26.9 | 21.5 | 32.3 |

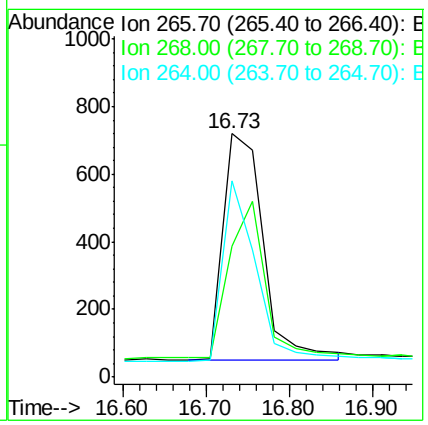


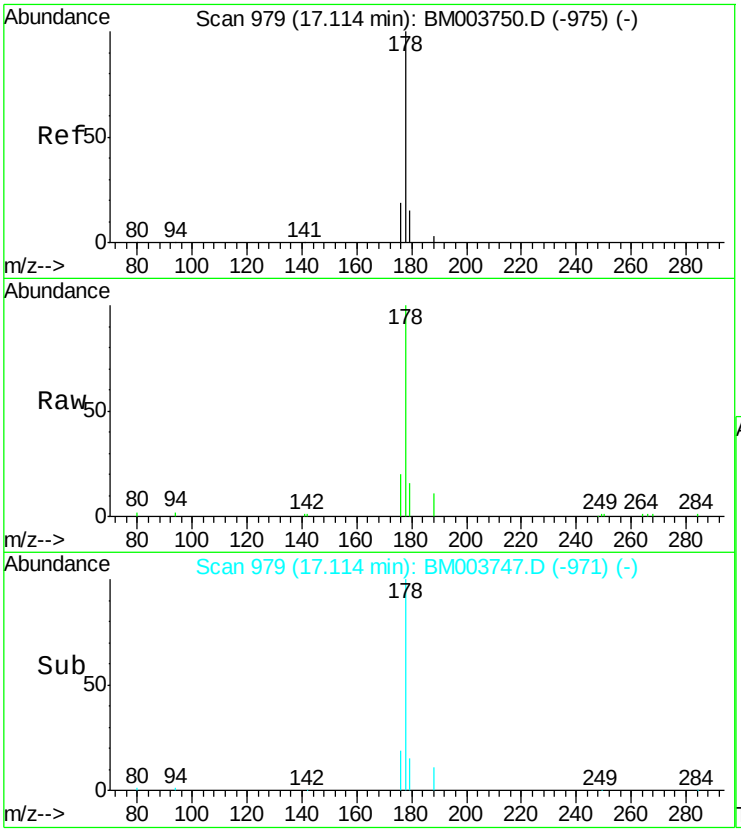




#22
Pentachlorophenol
Concen: 1.03 ng
RT: 16.73 min Scan# 964
Delta R.T. -0.03 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

Tgt Ion:266 Resp: 2251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 53.6 | 62.7 | 94.1# |
| 264 | 80.8 | 45.7 | 68.5# |



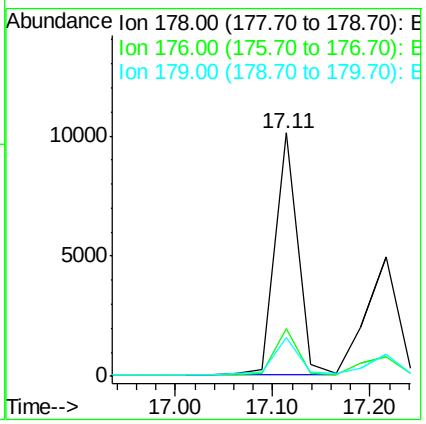


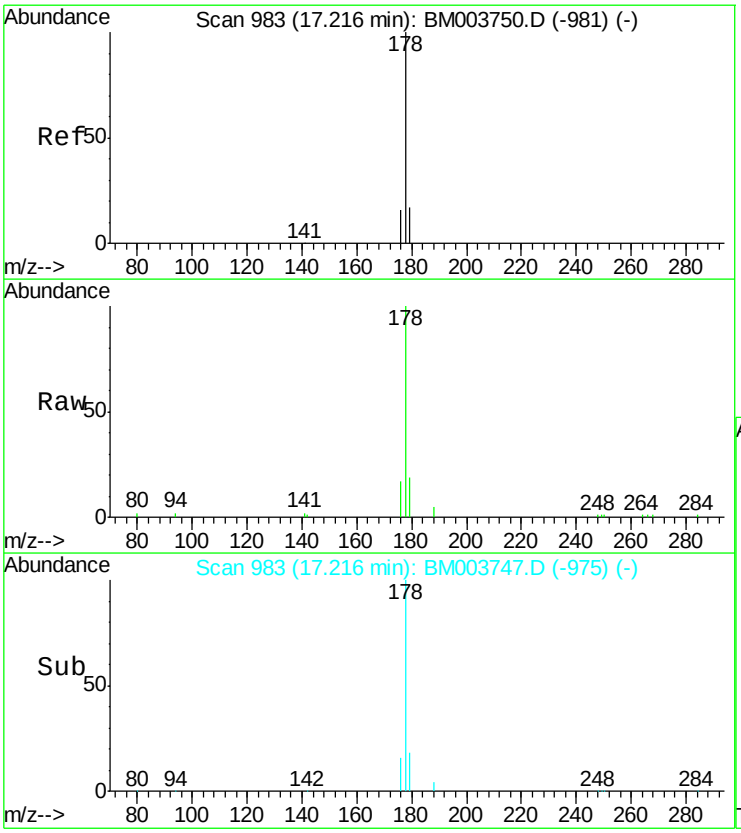

#23
Phenanthrene
Concen: 0.40 ng
RT: 17.11 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

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

Tgt Ion:178 Resp: 16583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 15.4 | 23.0 |
| 179 | 16.4 | 12.2 | 18.4 |

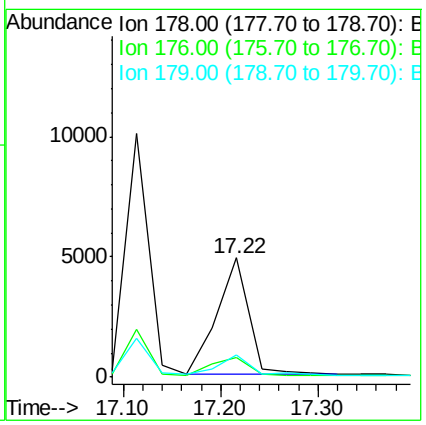


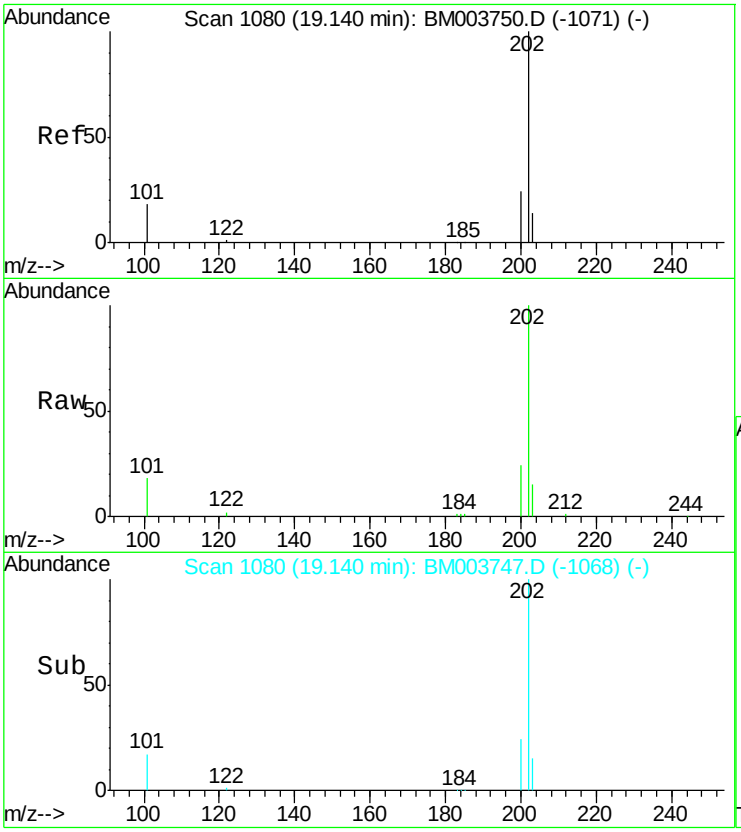




#24
Anthracene
Concen: 0.27 ng
RT: 17.22 min Scan# 983
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

Tgt Ion:178 Resp: 10958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.4 | 14.6 | 21.8 |
| 179 | 16.9 | 12.6 | 19.0 |



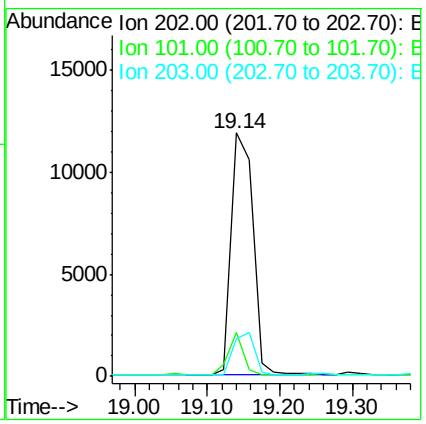


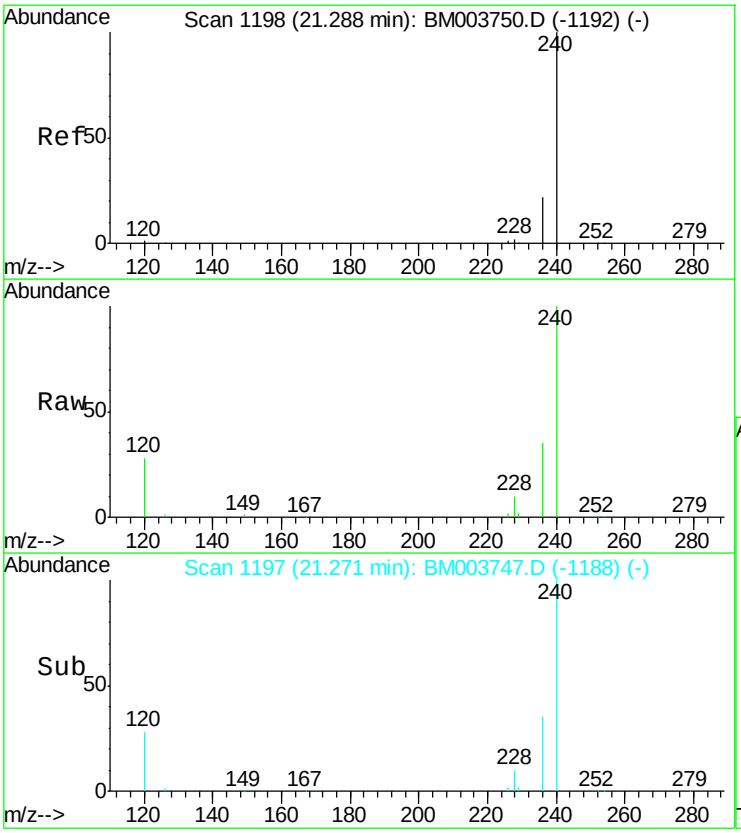

#25
Fluoranthene
Concen: 0.59 ng
RT: 19.14 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

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

Tgt Ion:202 Resp: 24384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.8 | 9.7 | 14.5 |
| 203 | 17.3 | 13.8 | 20.8 |

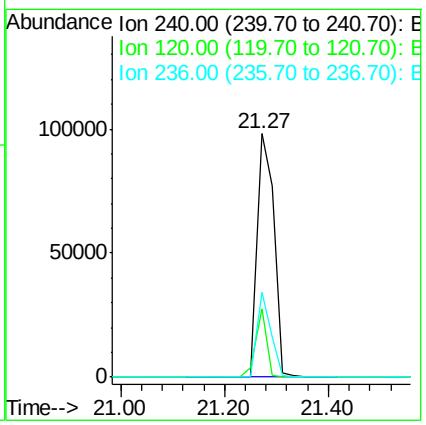


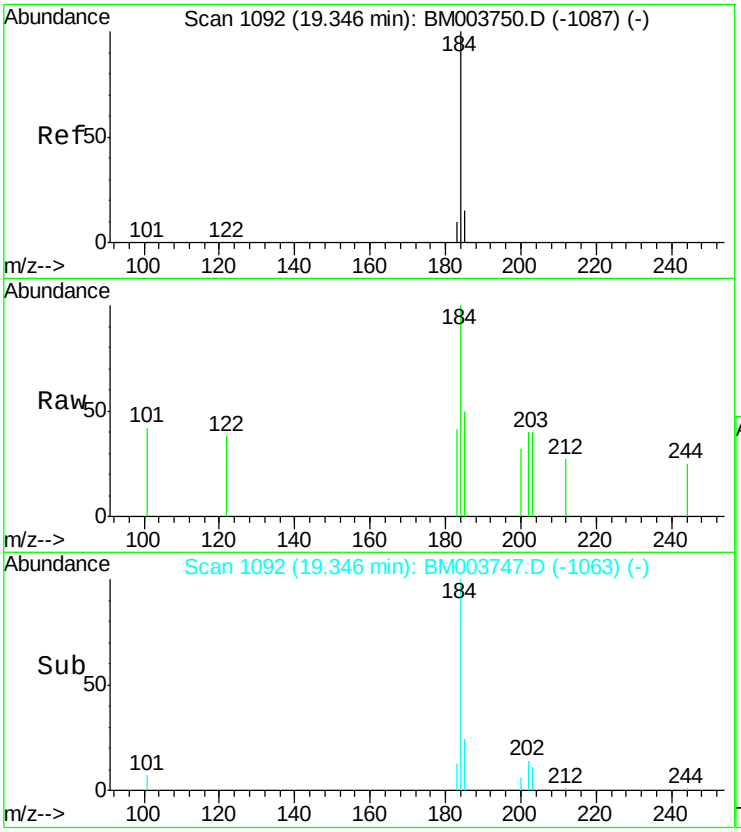




#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.27 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

Tgt Ion:240 Resp: 219191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 28.2 | 0.9 | 1.3# |
| 236 | 34.8 | 17.3 | 25.9# |



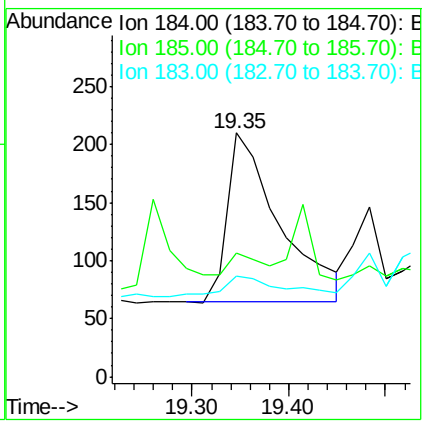


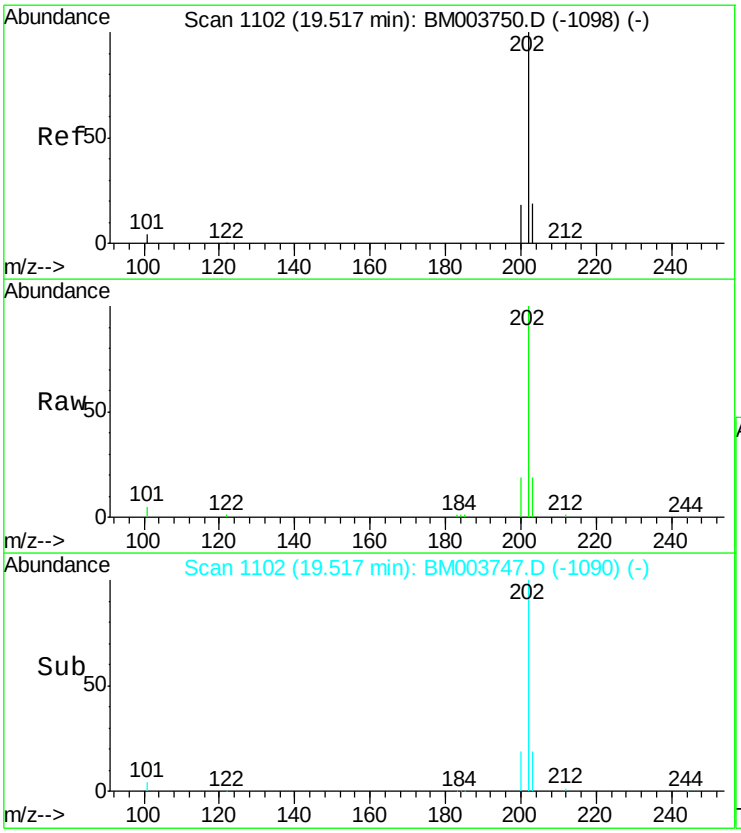

#27
Benzidine
Concen: 0.03 ng
RT: 19.35 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

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

Tgt Ion:184 Resp: 539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 50.5 | 13.2 | 19.8# |
| 183 | 41.4 | 9.0 | 13.6# |

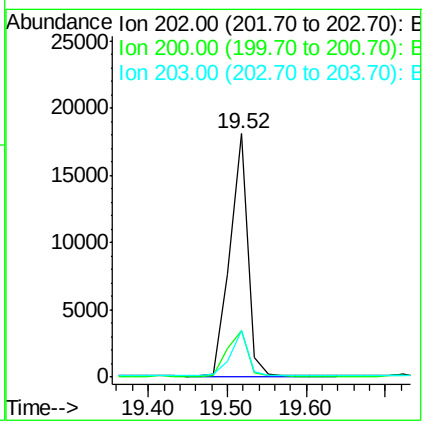


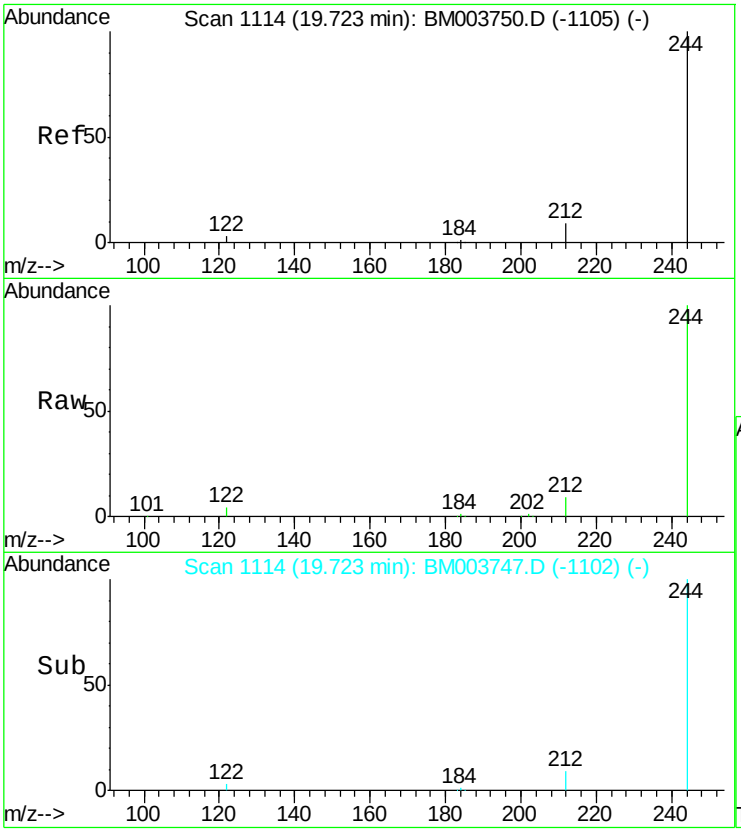




#28
Pyrene
Concen: 0.36 ng
RT: 19.52 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

Tgt Ion:202 Resp: 28337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.9 | 16.6 | 24.8 |
| 203 | 18.3 | 14.0 | 21.0 |



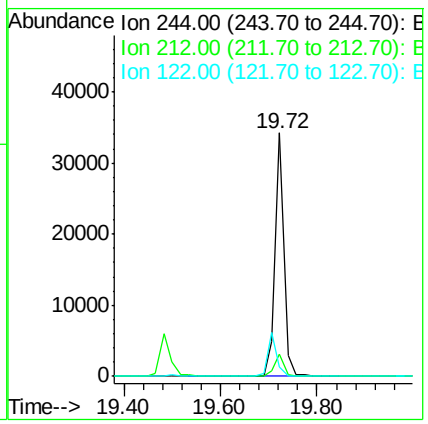


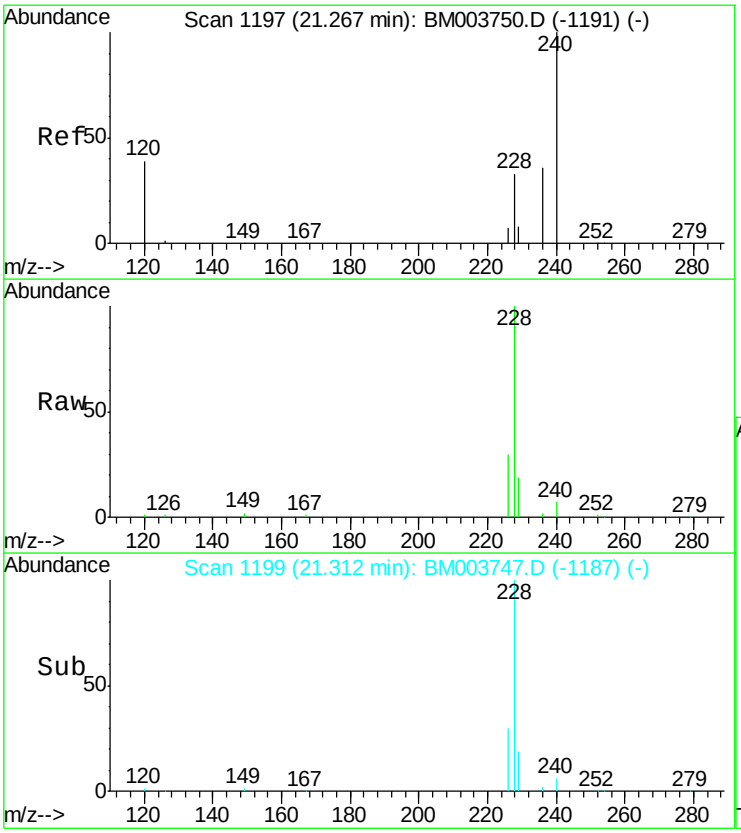

#29
Terphenyl-d14
Concen: 1.22 ng
RT: 19.72 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

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

Tgt Ion:244 Resp: 43604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.3 | 7.0 | 10.6 |
| 122 | 3.8 | 3.0 | 4.6 |

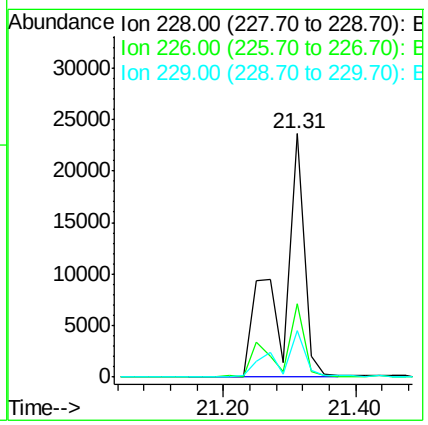


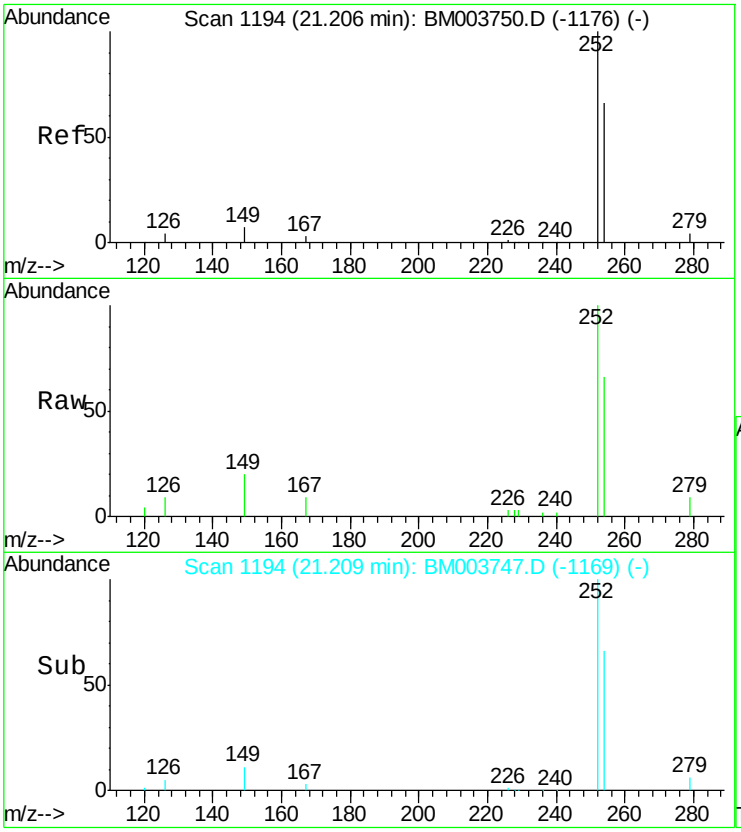




#30
Benzo(a)anthracene
Concen: 0.96 ng
RT: 21.31 min Scan# 1199
Delta R.T. 0.04 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

Tgt Ion:228 Resp: 56383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.2 | 17.2 | 25.8# |
| 229 | 19.0 | 18.7 | 28.1 |



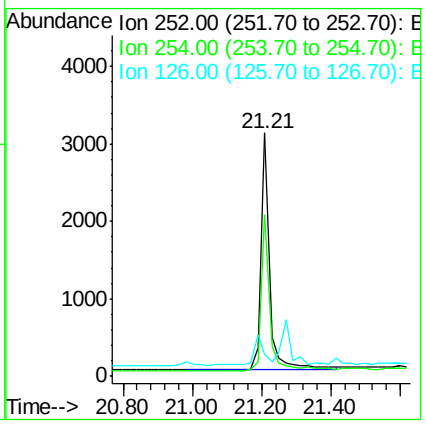


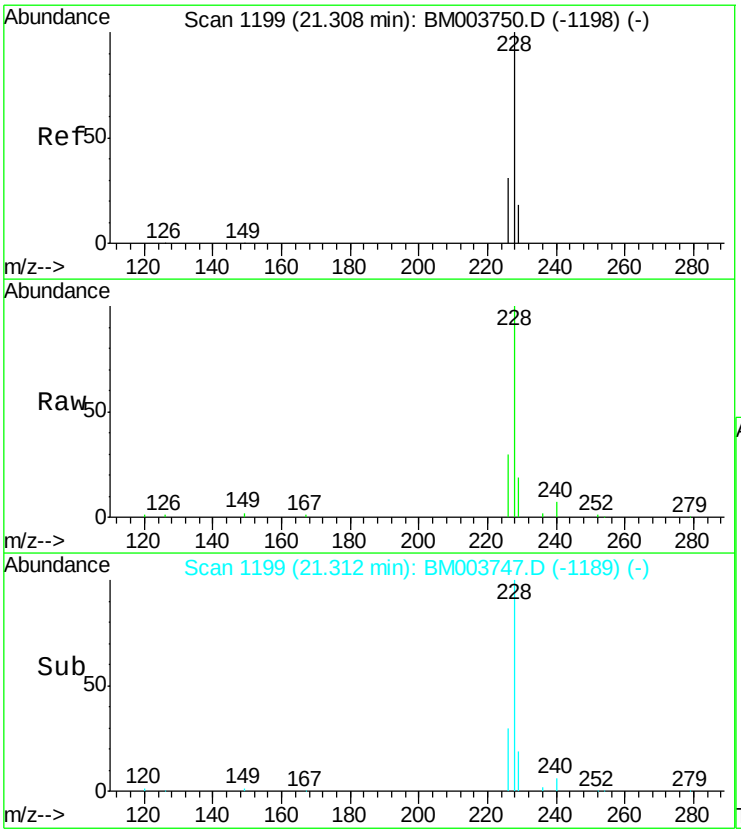

#31
3,3'-Dichlorobenzidine
Concen: 0.35 ng
RT: 21.21 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

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

Tgt Ion:252 Resp: 5385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 66.3 | 52.6 | 79.0 |
| 126 | 8.9 | 3.7 | 5.5# |

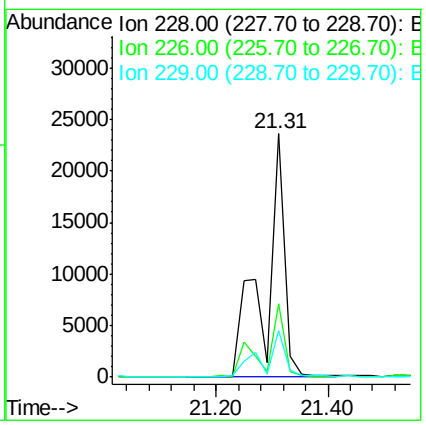


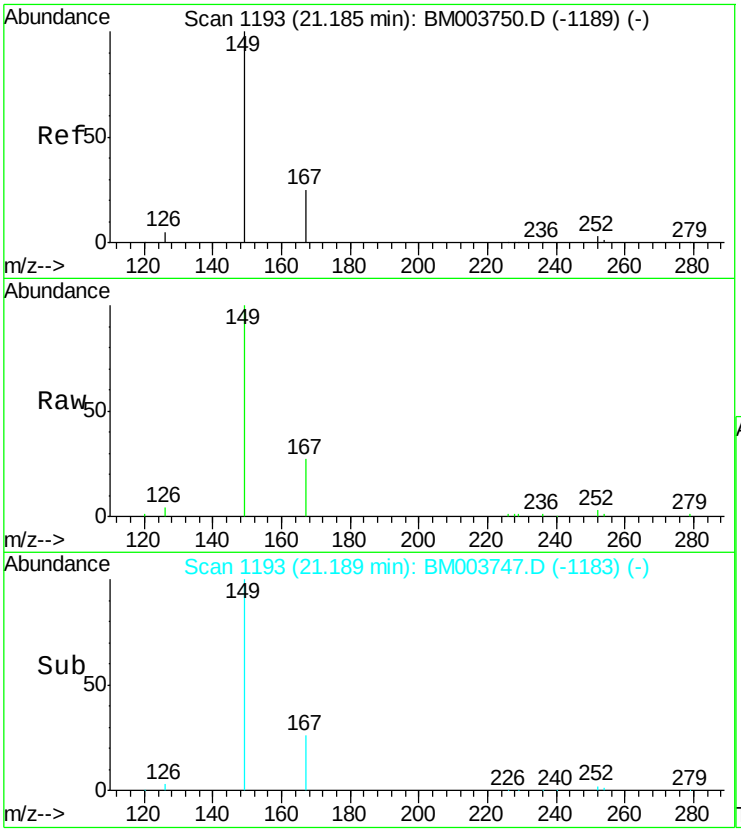




#32
Chrysene
Concen: 0.83 ng
RT: 21.31 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

Tgt Ion:228 Resp: 56531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.2 | 25.3 | 37.9 |
| 229 | 19.0 | 14.5 | 21.7 |



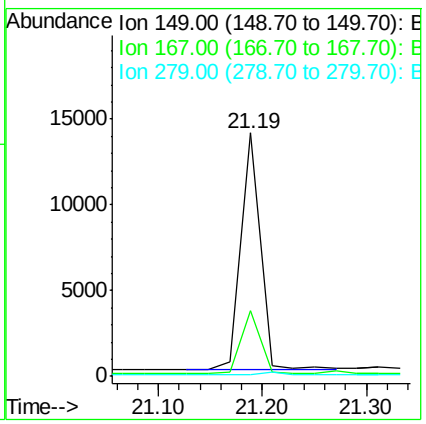


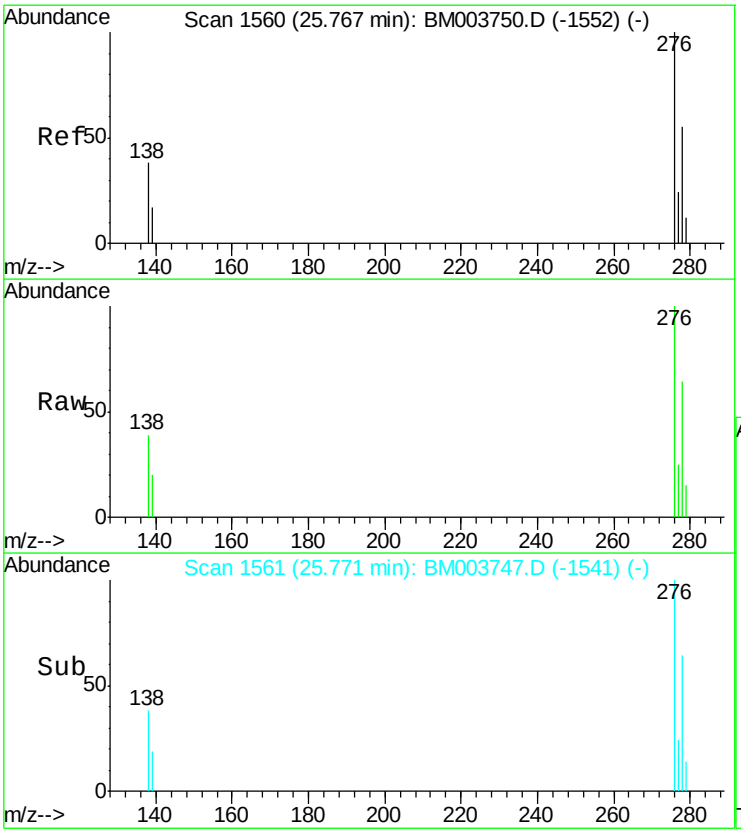

#33
Bis(2-ethylhexyl)phthalate
Concen: 0.60 ng
RT: 21.19 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

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

Tgt Ion:149 Resp: 18227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.3 | 20.1 | 30.1 |
| 279 | 0.0 | 0.0 | 0.0 |

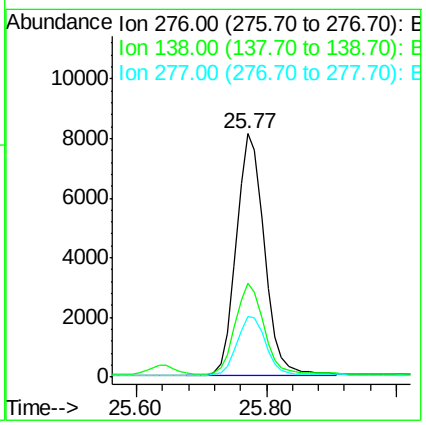


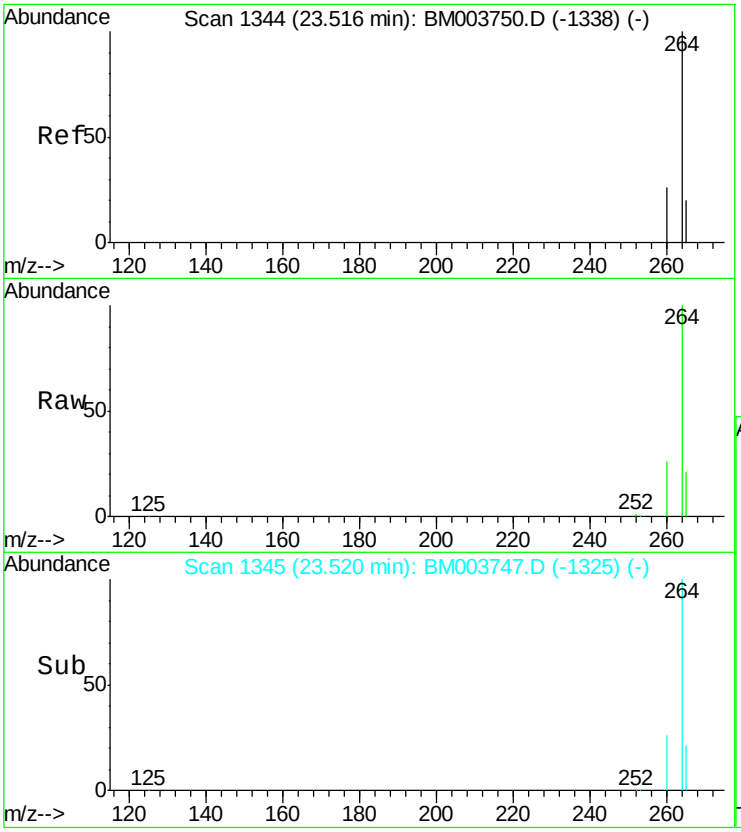




#34
Indeno(1,2,3-cd)pyrene
Concen: 0.47 ng
RT: 25.77 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

Tgt Ion:276 Resp: 24223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 37.4 | 30.2 | 45.2 |
| 277 | 24.7 | 19.8 | 29.8 |



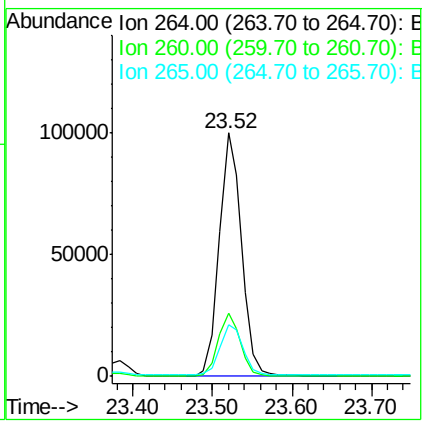


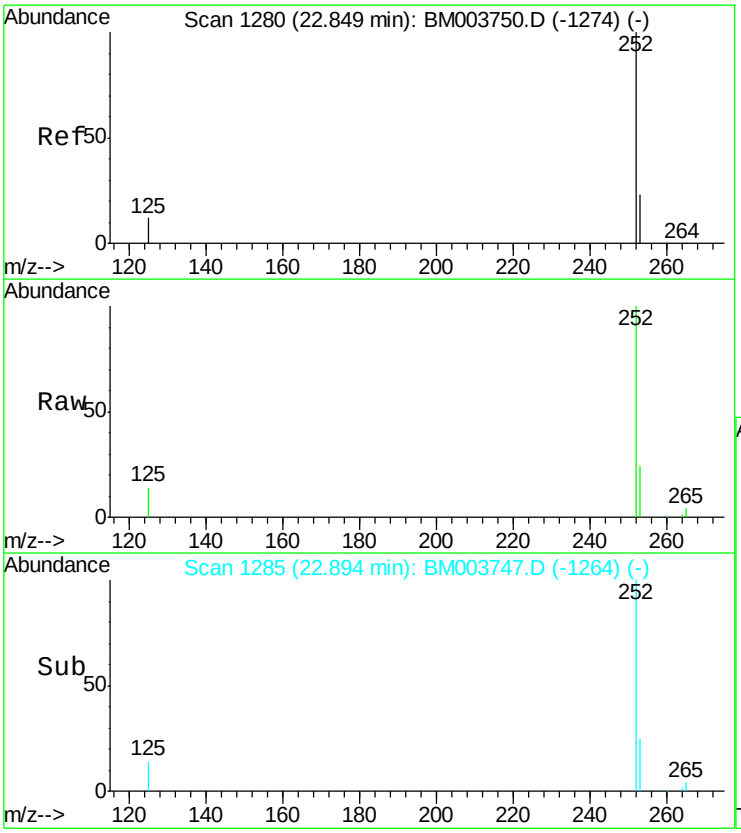

#35
Perylene-d12
Concen: 5.00 ng
RT: 23.52 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

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

Tgt Ion:264 Resp: 193803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 26.2 | 21.2 | 31.8 |
| 265 | 21.3 | 16.7 | 25.1 |

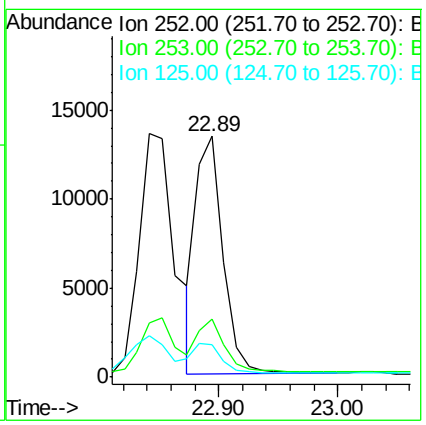


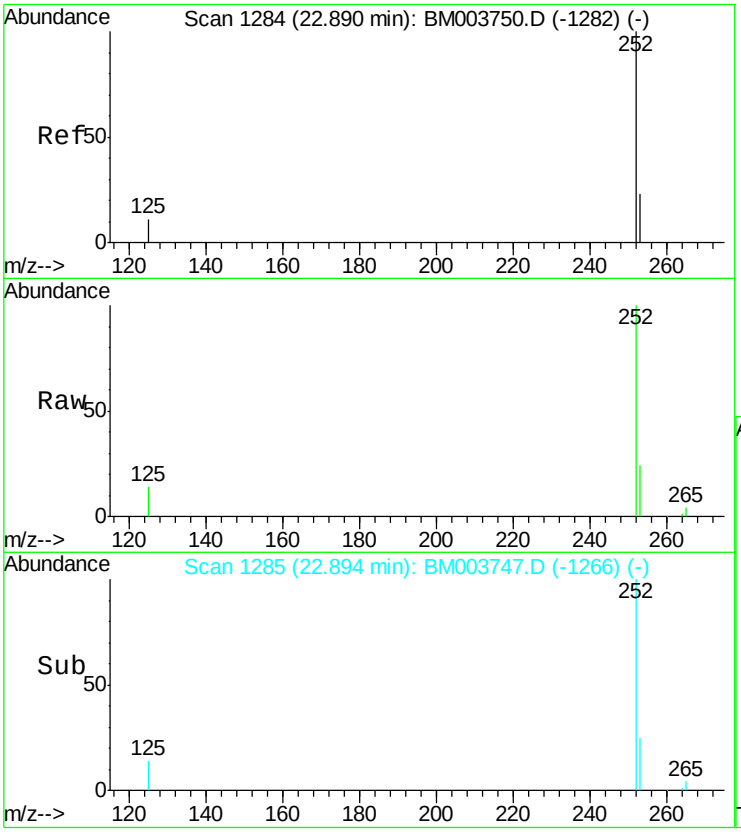




#36
Benzo(b)fluoranthene
Concen: 0.36 ng
RT: 22.89 min Scan# 1285
Delta R.T. 0.05 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

Tgt Ion:252 Resp: 21062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.4 | 18.8 | 28.2 |
| 125 | 13.6 | 10.2 | 15.4 |



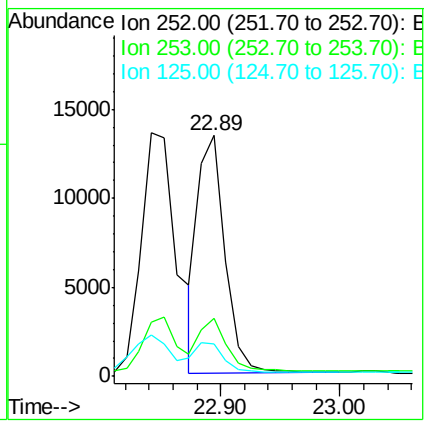


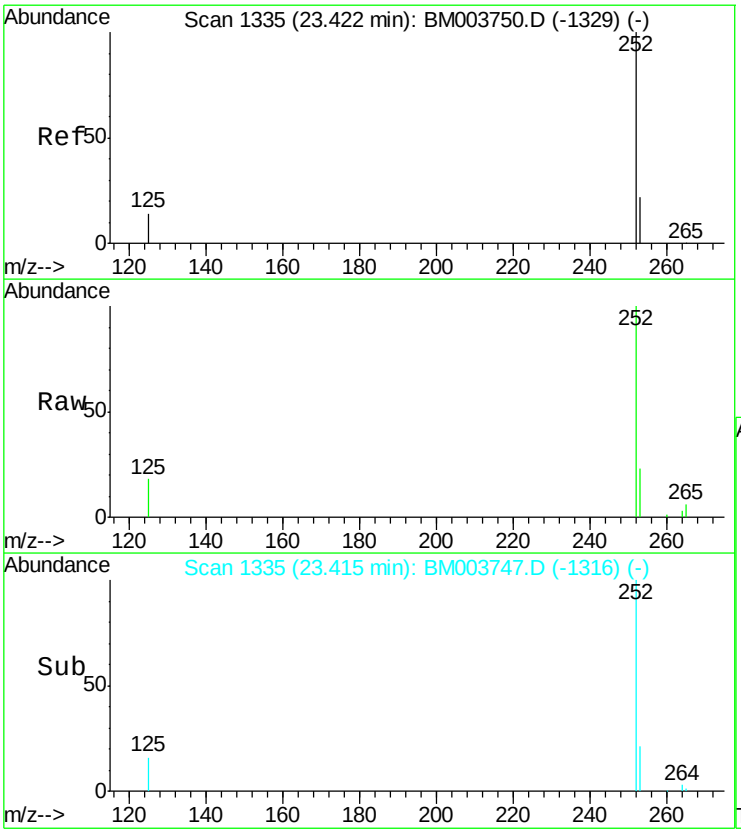

#37
Benzo(k)fluoranthene
Concen: 0.40 ng
RT: 22.89 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

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

Tgt Ion:252 Resp: 21062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.4 | 18.3 | 27.5 |
| 125 | 13.6 | 10.6 | 15.8 |

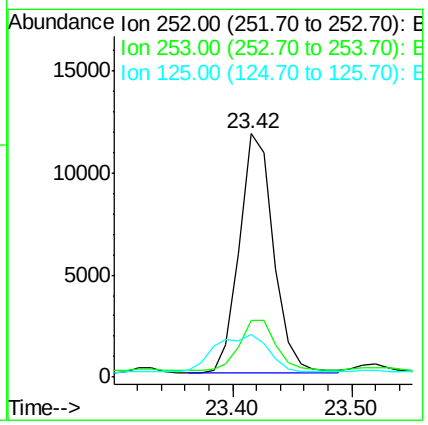


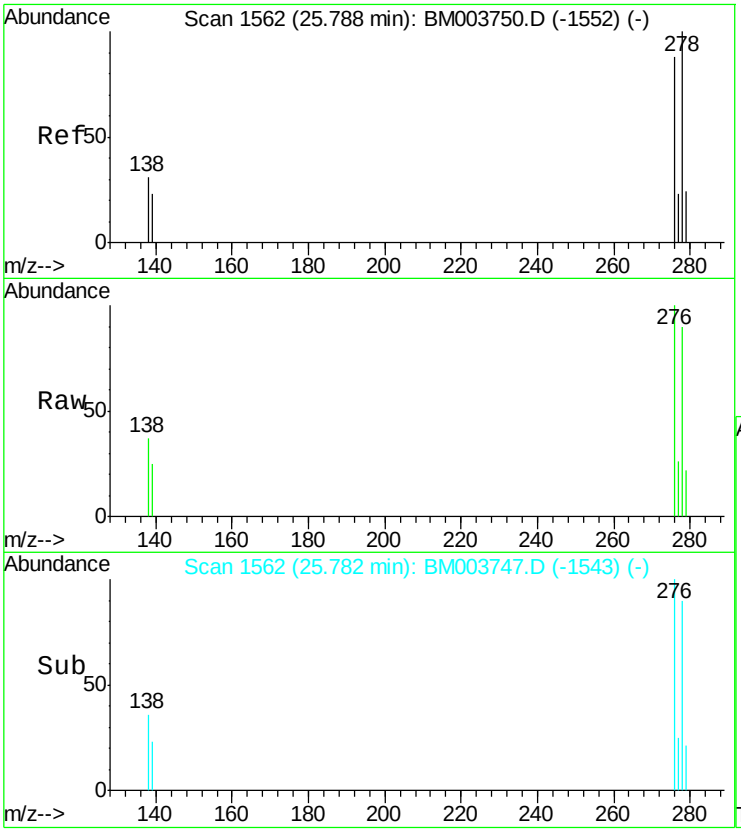




#38
Benzo(a)pyrene
Concen: 0.48 ng
RT: 23.42 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

Tgt Ion:252 Resp: 23446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.2 | 18.7 | 28.1 |
| 125 | 17.7 | 11.8 | 17.8 |



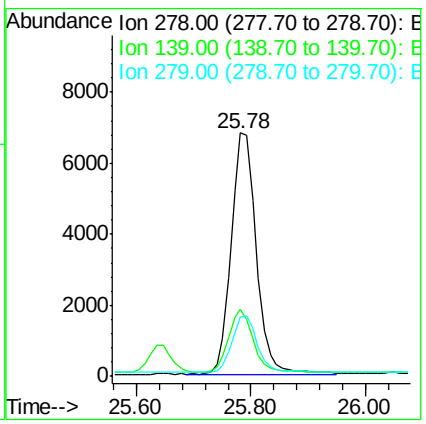


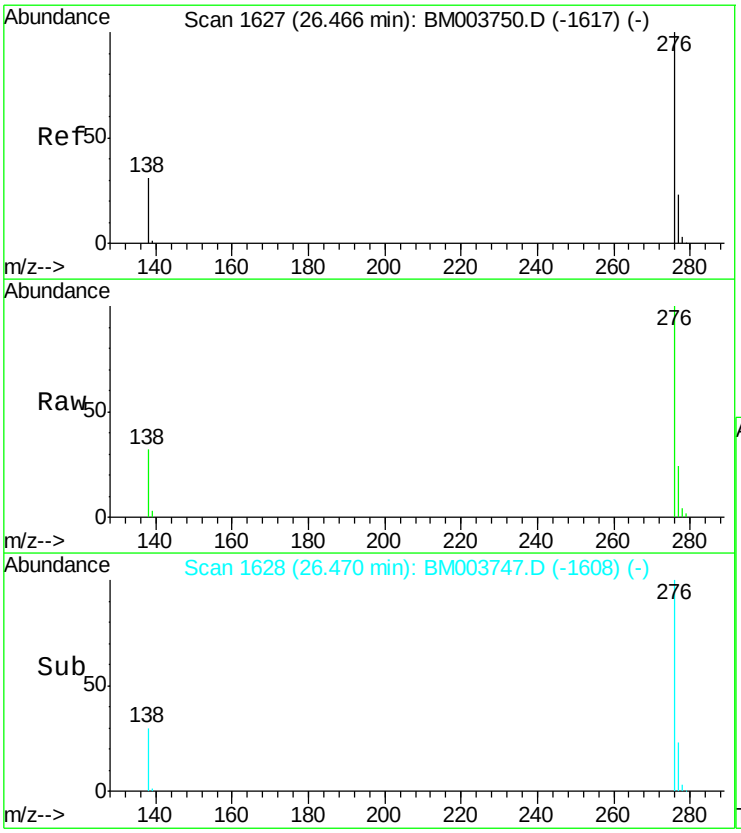

#39
Dibenzo(a,h)anthracene
Concen: 0.47 ng
RT: 25.78 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

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

Tgt Ion:278 Resp: 20699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 27.4 | 19.0 | 28.6 |
| 279 | 24.6 | 19.6 | 29.4 |




#40
Benzo(g,h,i)perylene
Concen: 0.45 ng
RT: 26.47 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BM003747.D
Acq: 23 Dec 2015 17:30

Tgt Ion:276 Resp: 21236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.2 | 19.1 | 28.7 |
| 138 | 31.9 | 25.0 | 37.4 |