Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041816\
Data File : BE091660.D
Acq On : 18 Apr 2016 11:59
Operator : UM/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDICC0.2

Quant Time: Apr 18 13:21:55 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 18 13:19:42 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.80 | 152 | 35861 | 5.00 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.57 | 136 | 171724 | 5.00 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.42 | 164 | 104987 | 5.00 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.15 | 188 | 265584 | 5.00 | ng | | 0.00 |
| 26) Chrysene-d12 | 21.31 | 240 | 324001 | 5.00 | ng | | 0.00 |
| 35) Perylene-d12 | 23.76 | 264 | 272319 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.41 | 112 | 1531 | 0.18 | ng | | 0.00 |
| 5) Phenol-d6 | 6.97 | 99 | 1932 | 0.17 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.96 | 82 | 1486 | 0.15 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.91 | 330 | 810 | 0.45 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.05 | 172 | 5579 | 0.19 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.76 | 244 | 7562 | 0.19 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.35 | 88 | 1121 | 0.20 | ng | # | 80 |
| 3) n-Nitrosodimethylamine | 3.66 | 42 | 830 | 0.15 | ng | # | 94 |
| 6) bis(2-Chloroethyl)ether | 7.23 | 93 | 1798 | 0.18 | ng | # | 79 |
| 9) Nitrobenzene | 9.00 | 77 | 1509 | 0.29 | ng | | 98 |
| 10) Naphthalene | 10.63 | 128 | 6912 | 0.20 | ng | | 99 |
| 11) Hexachlorobutadiene | 10.92 | 225 | 1490 | 0.29 | ng | # | 82 |
| 12) 2-Methylnaphthalene | 12.25 | 142 | 4259 | 0.19 | ng | | 93 |
| 16) Acenaphthylene | 14.14 | 152 | 7539 | 0.19 | ng | # | 69 |
| 17) Acenaphthene | 14.47 | 154 | 4905 | 0.19 | ng | | 85 |
| 18) Fluorene | 15.46 | 166 | 5952 | 0.18 | ng | | 97 |
| 20) 4-Bromophenyl-phenylether | 16.34 | 248 | 1634 | 0.17 | ng | | 98 |
| 21) Hexachlorobenzene | 16.47 | 284 | 1907 | 0.20 | ng | | 99 |
| 22) Pentachlorophenol | 16.81 | 266 | 463 | 0.31 | ng | | 98 |
| 23) Phenanthrene | 17.20 | 178 | 12011 | 0.20 | ng | | 98 |
| 24) Anthracene | 17.29 | 178 | 9695 | 0.18 | ng | | 99 |
| 25) Fluoranthene | 19.20 | 202 | 11273 | 0.18 | ng | | 97 |
| 27) Benzidine | 19.40 | 184 | 2937 | 0.42 | ng | # | 86 |
| 28) Pyrene | 19.57 | 202 | 11725 | 0.18 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.29 | 228 | 26919 | 0.37 | ng | | 99 |
| 31) 3,3'-Dichlorobenzidine | 21.24 | 252 | 4225 | 0.24 | ng | # | 86 |
| 32) Chrysene | 21.29 | 228 | 27118 | 0.41 | ng | | 96 |
| 33) Bis(2-ethylhexyl)phthalate | 21.22 | 149 | 2122 | 0.30 | ng | # | 84 |
| 34) Indeno(1,2,3-cd)pyrene | 26.32 | 276 | 12305 | 0.17 | ng | | 97 |
| 36) Benzo(b)fluoranthene | 23.00 | 252 | 11133 | 0.18 | ng | | 96 |
| 37) Benzo(k)fluoranthene | 23.06 | 252 | 11840 | 0.19 | ng | | 96 |
| 38) Benzo(a)pyrene | 23.65 | 252 | 10382 | 0.18 | ng | # | 93 |
| 39) Dibenzo(a,h)anthracene | 26.34 | 278 | 9889 | 0.17 | ng | | 97 |
| 40) Benzo(g,h,i)perylene | 27.10 | 276 | 10628 | 0.18 | ng | | 96 |

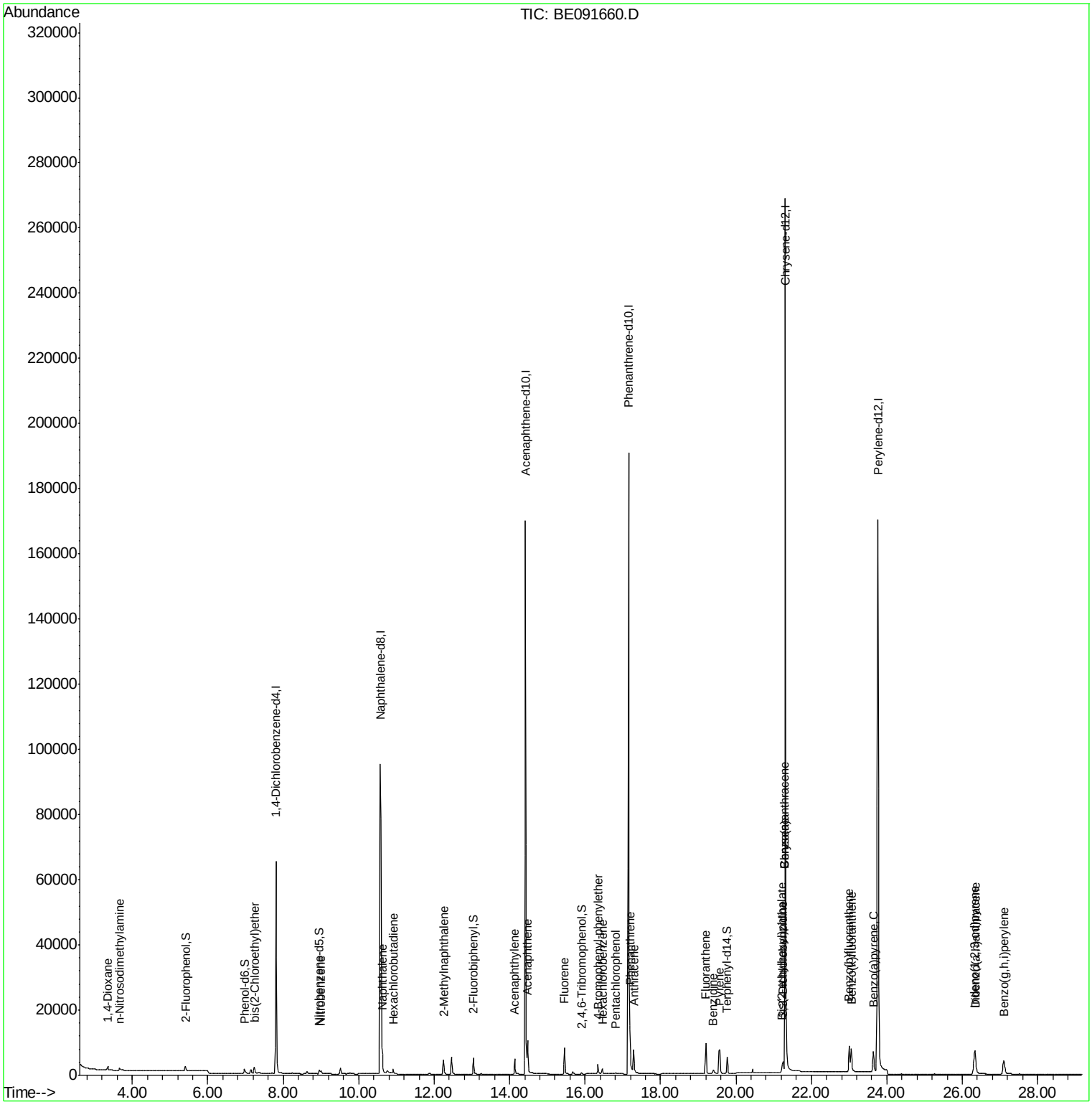
(#) = qualifier out of range (m) = manual integration (+) = signals summed

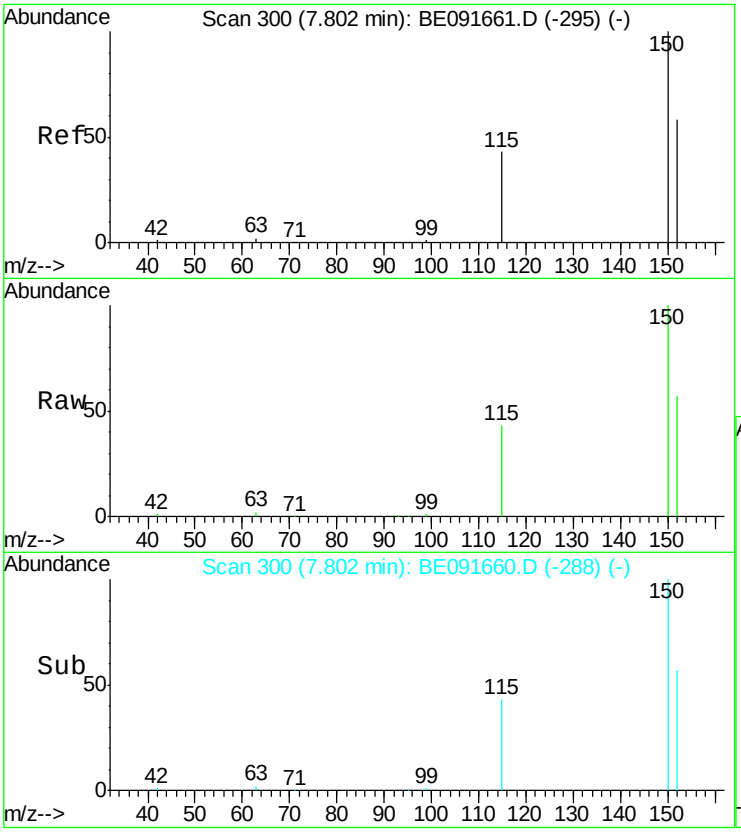
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041816\
Data File : BE091660.D
Acq On : 18 Apr 2016 11:59
Operator : UM/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.2

Quant Time: Apr 18 13:21:55 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 18 13:19:42 2016
Response via : Initial Calibration



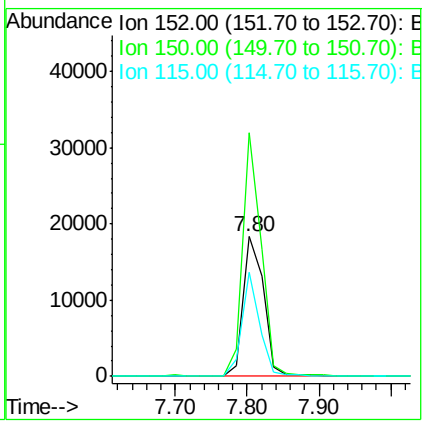


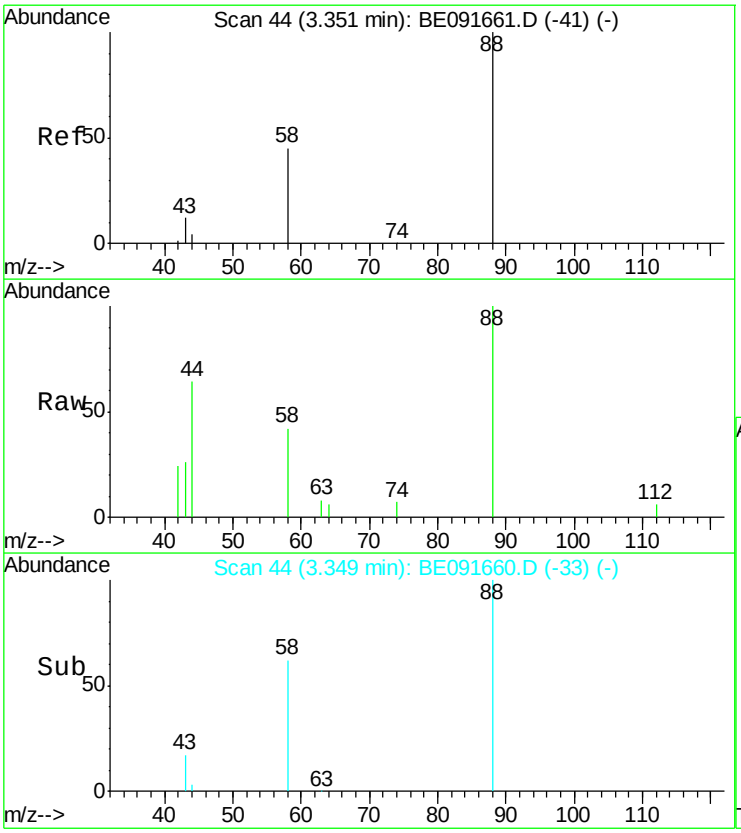

#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. 0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.2

Tgt Ion:152 Resp: 35861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 174.2 | 122.6 | 183.8 |
| 115 | 74.3 | 52.8 | 79.2 |

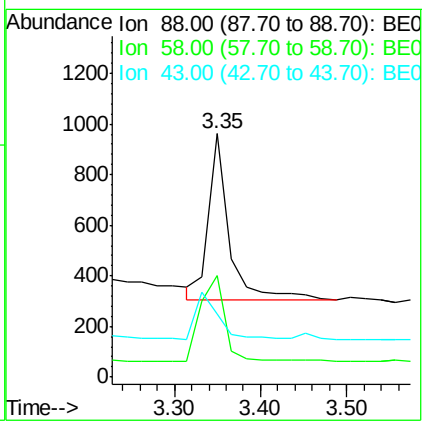


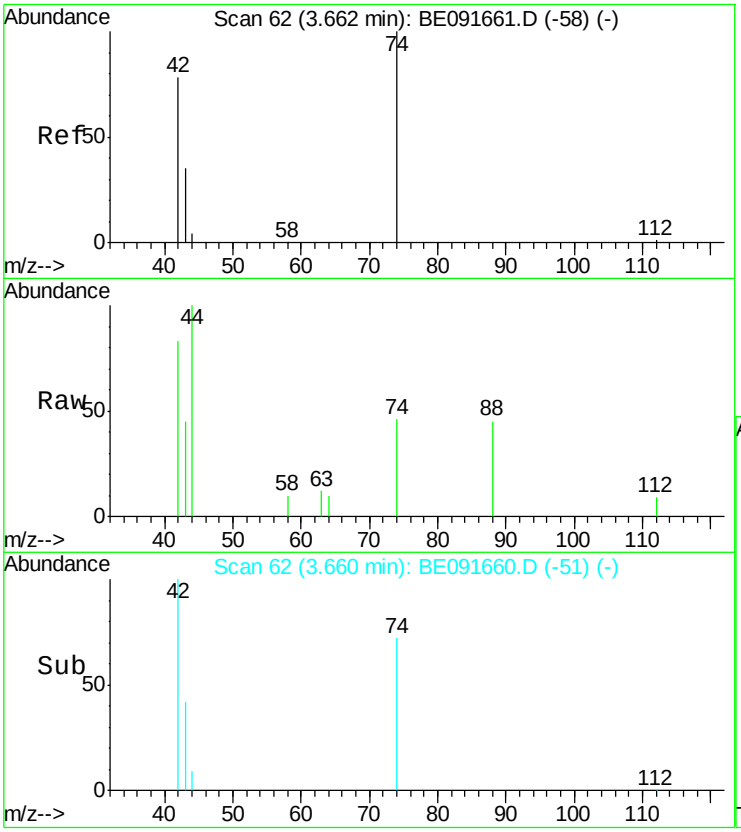




#2
1,4-Dioxane
Concen: 0.20 ng
RT: 3.35 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

Tgt Ion: 88 Resp: 1121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 58.9 | 65.8 | 98.6# |
| 43 | 29.6 | 25.3 | 37.9 |



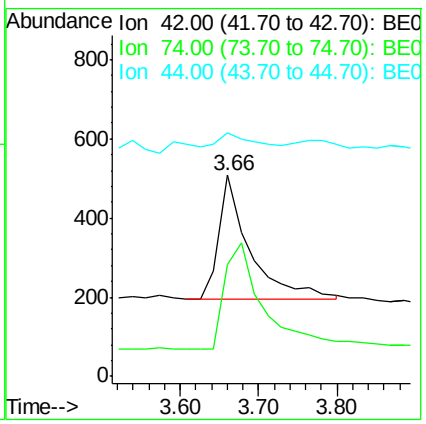


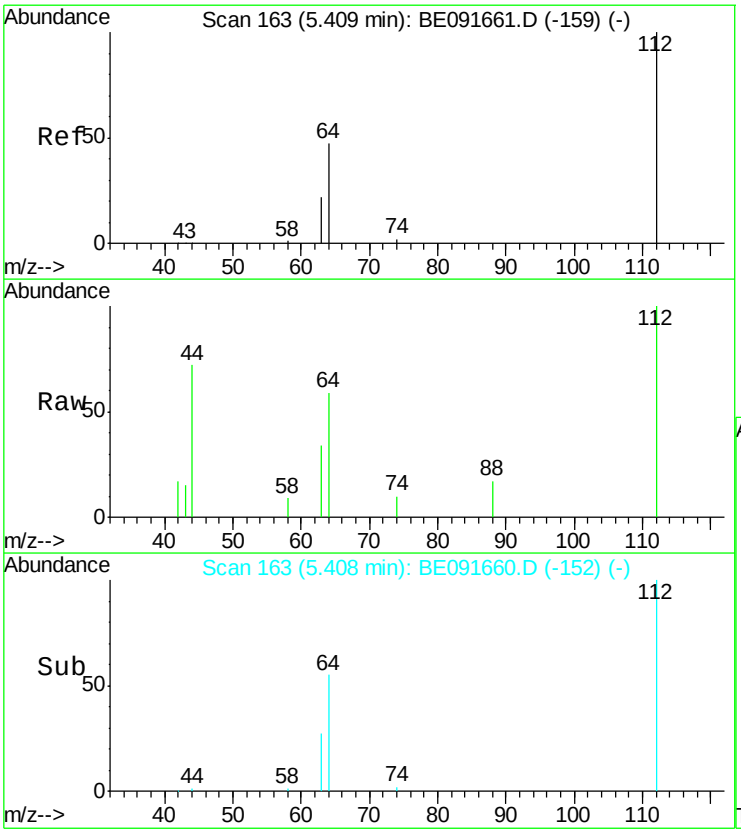

#3
n-Nitrosodimethylamine
Concen: 0.15 ng
RT: 3.66 min Scan# 62
Delta R.T. -0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.2

Tgt Ion: 42 Resp: 830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 112.5 | 87.9 | 131.9 |
| 44 | 29.5 | 6.6 | 9.8# |

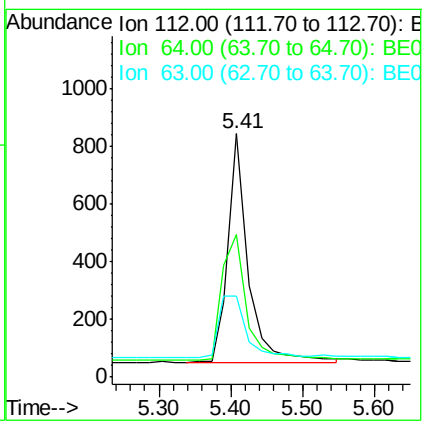


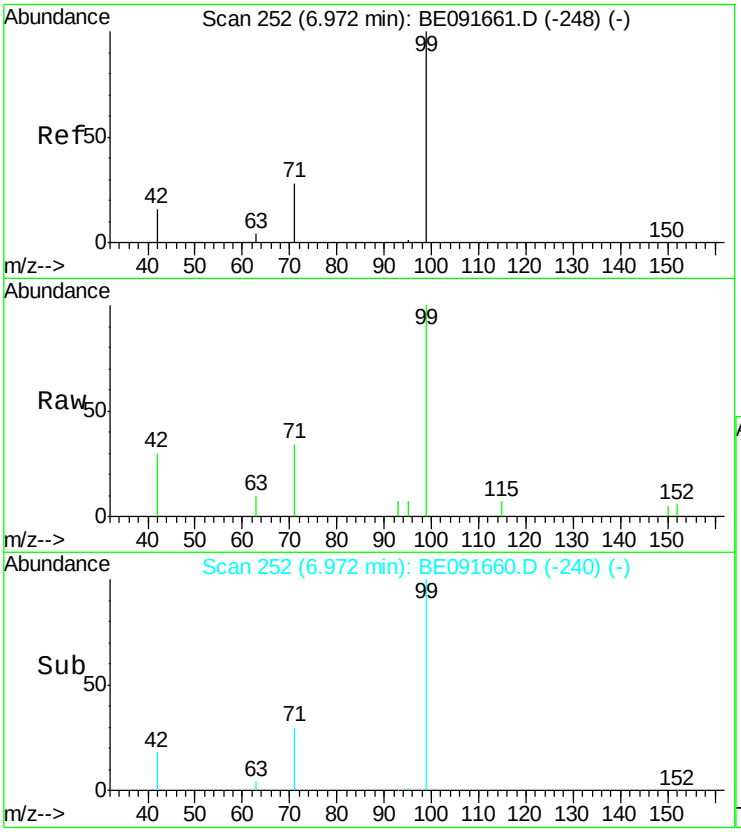




#4
2-Fluorophenol
Concen: 0.18 ng
RT: 5.41 min Scan# 163
Delta R.T. -0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

Tgt Ion:112 Resp: 1531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 69.4 | 30.9 | 46.3# |
| 63 | 37.2 | 16.7 | 25.1# |



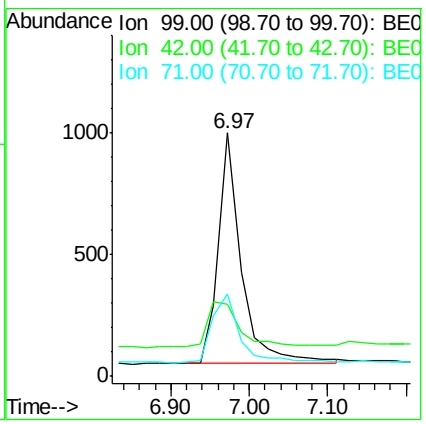


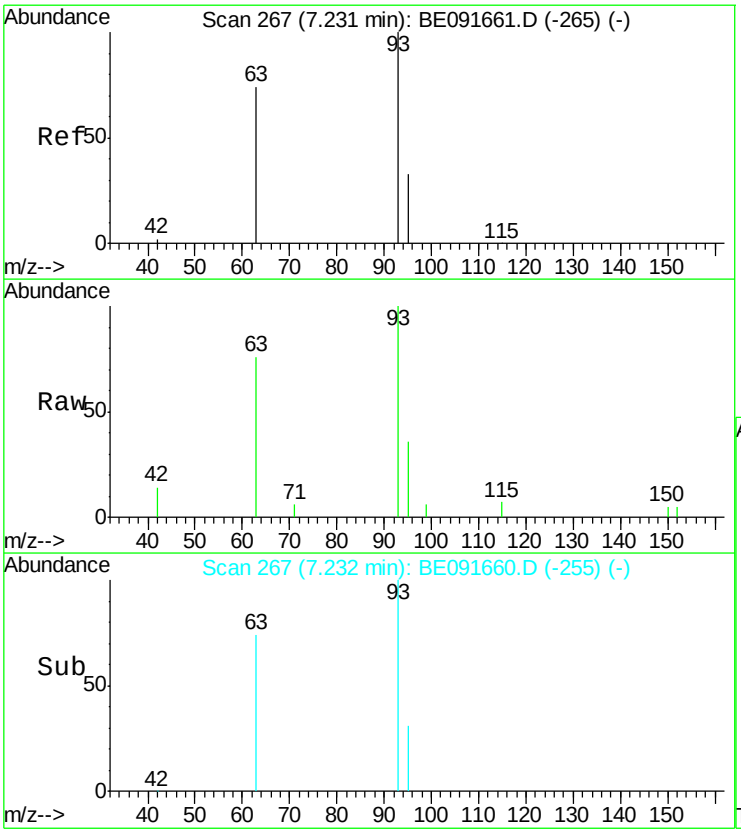

#5
Phenol-d6
Concen: 0.17 ng
RT: 6.97 min Scan# 252
Delta R.T. 0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.2

Tgt Ion: 99 Resp: 1932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 28.3 | 16.2 | 24.2# |
| 71 | 36.4 | 29.0 | 43.4 |

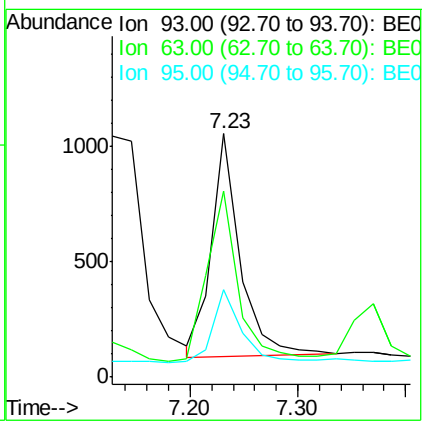


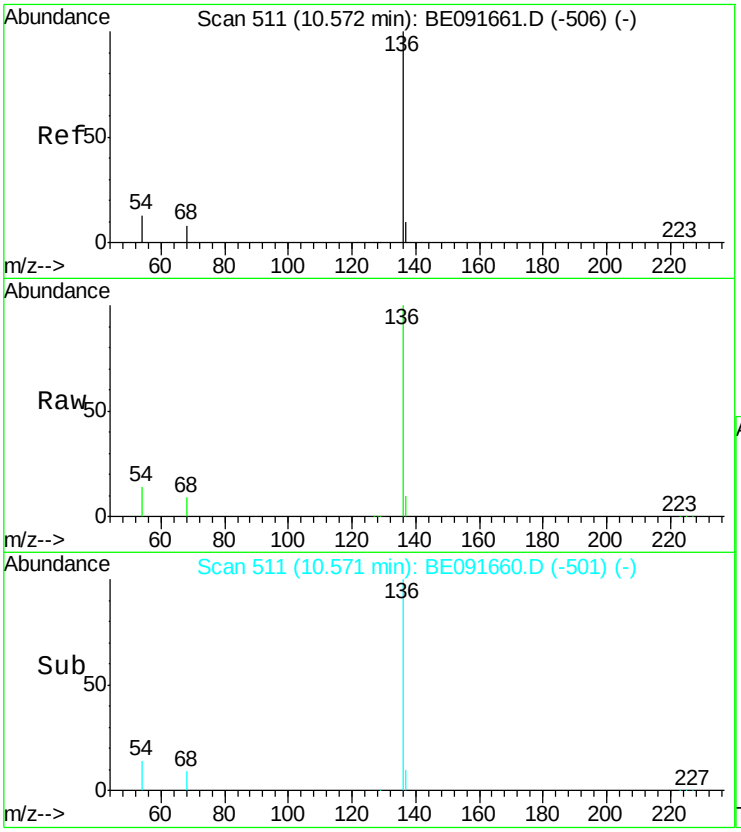




#6
bis(2-Chloroethyl)ether
Concen: 0.18 ng
RT: 7.23 min Scan# 267
Delta R.T. 0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

Tgt Ion: 93 Resp: 1798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 82.0 | 49.5 | 74.3# |
| 95 | 33.5 | 22.2 | 33.4# |



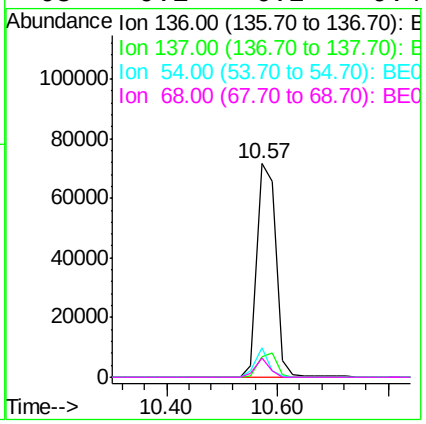


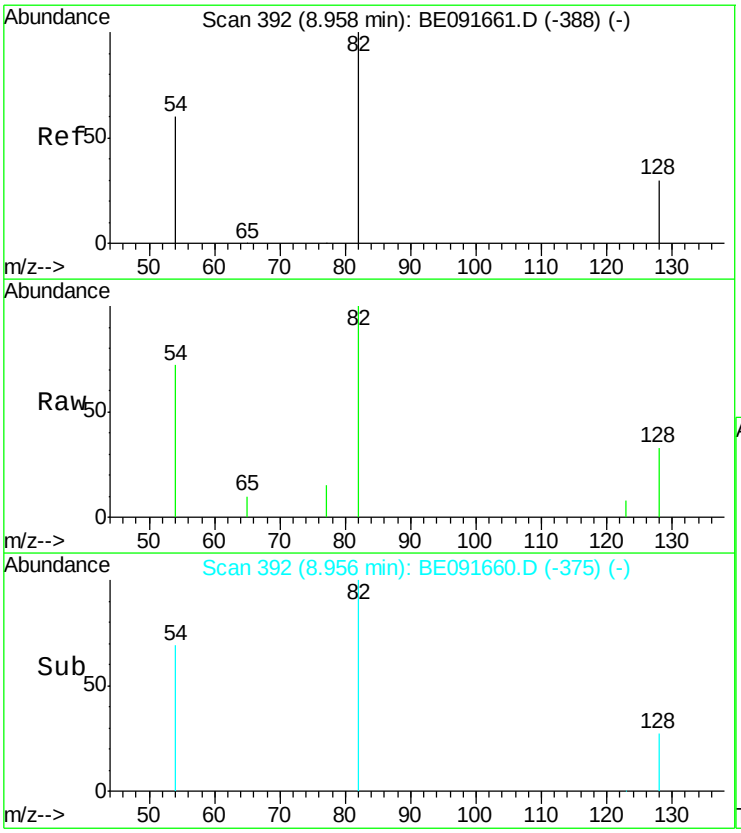

#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. -0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.2

Tgt Ion:136 Resp: 171724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 9.8 | 8.9 | 13.3 |
| 54 | 14.0 | 8.2 | 12.4# |
| 68 | 9.1 | 6.2 | 9.4 |

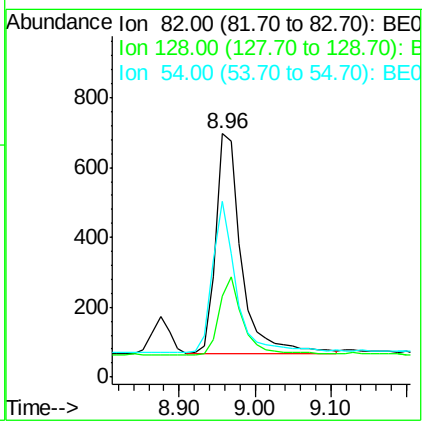


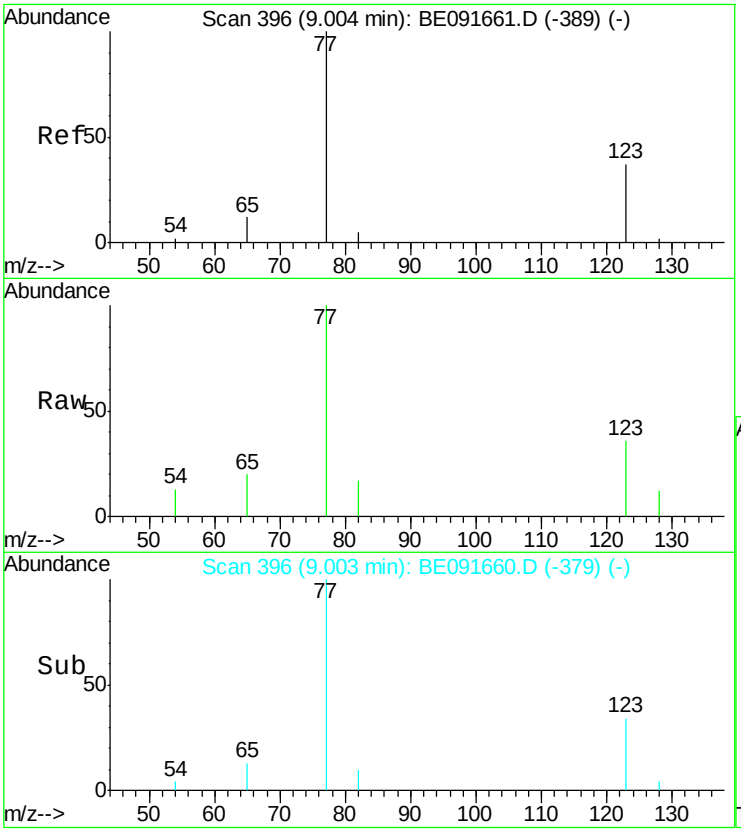




#8
Nitrobenzene-d5
Concen: 0.15 ng
RT: 8.96 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

Tgt Ion: 82 Resp: 1486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 33.4 | 25.4 | 38.0 |
| 54 | 72.2 | 48.4 | 72.6 |



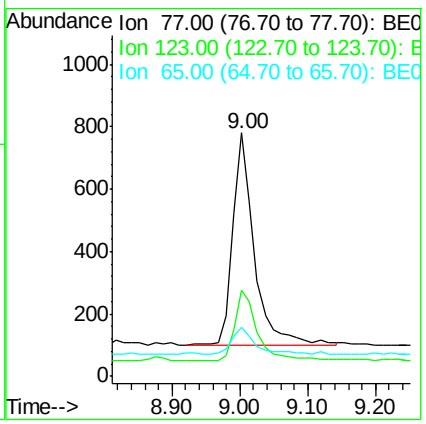


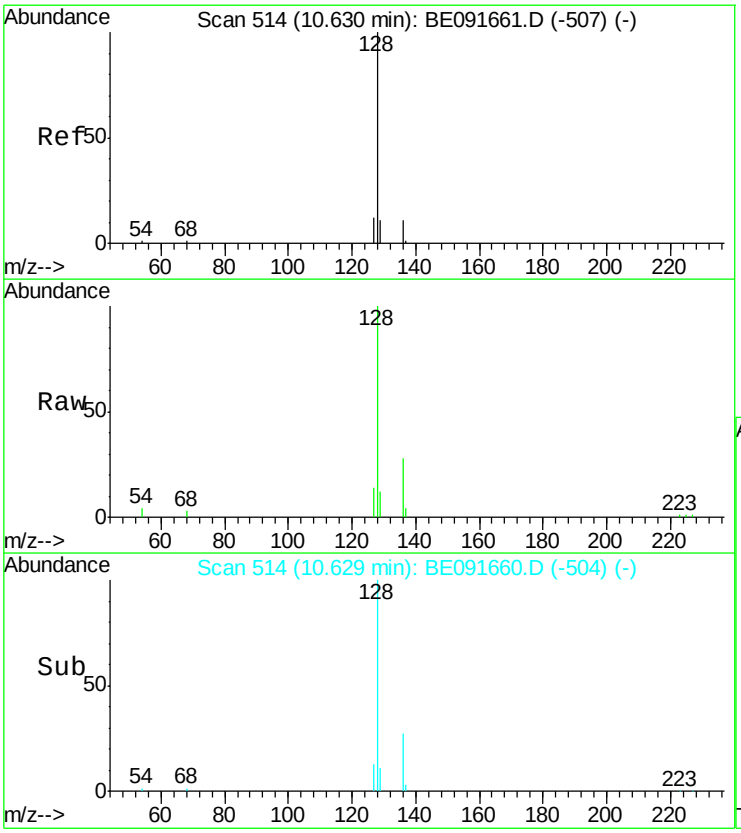

#9
Nitrobenzene
Concen: 0.29 ng
RT: 9.00 min Scan# 396
Delta R.T. -0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.2

Tgt Ion: 77 Resp: 1509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 34.1 | 26.9 | 40.3 |
| 65 | 13.4 | 9.4 | 14.2 |

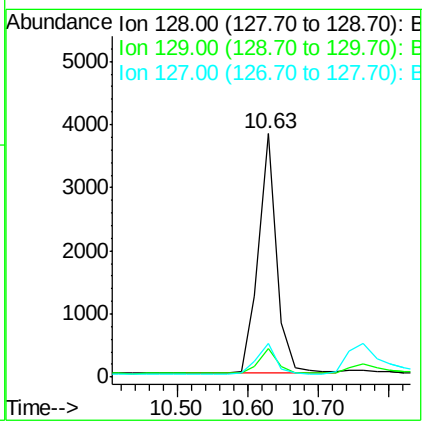


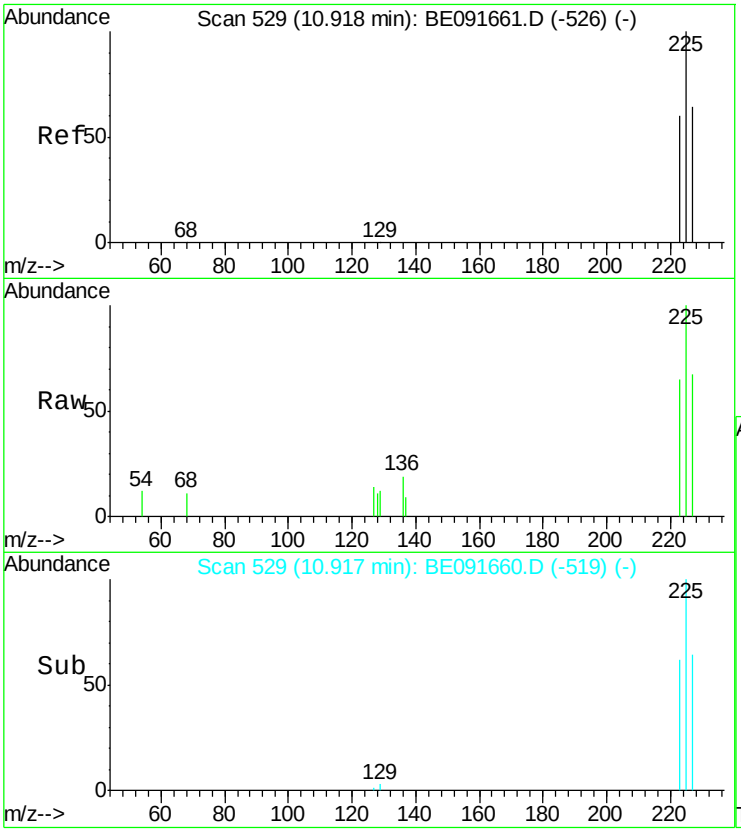




#10
Naphthalene
Concen: 0.20 ng
RT: 10.63 min Scan# 514
Delta R.T. -0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

Tgt Ion:128 Resp: 6912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.9 | 9.3 | 13.9 |
| 127 | 13.8 | 10.7 | 16.1 |



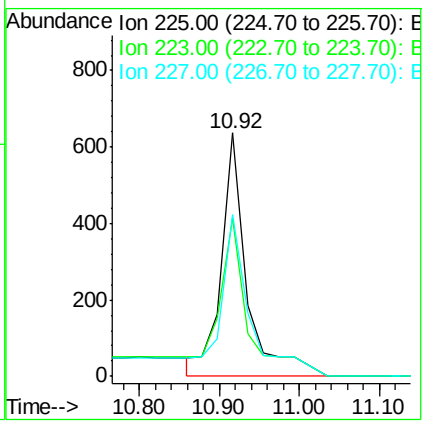


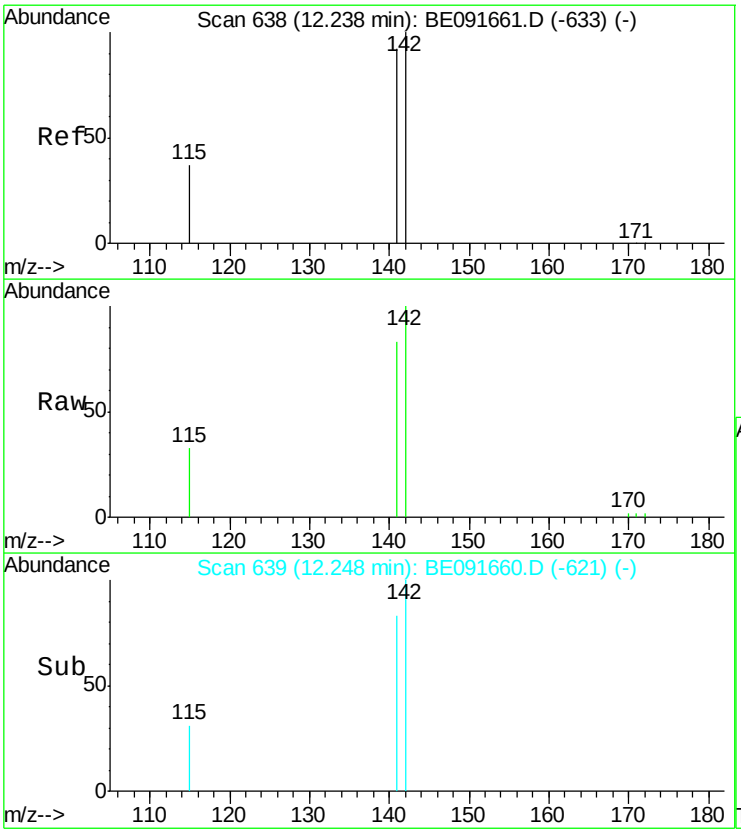

#11
Hexachlorobutadiene
Concen: 0.29 ng
RT: 10.92 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.2

Tgt Ion:225 Resp: 1490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 74.0 | 49.0 | 73.6# |
| 227 | 78.1 | 50.3 | 75.5# |

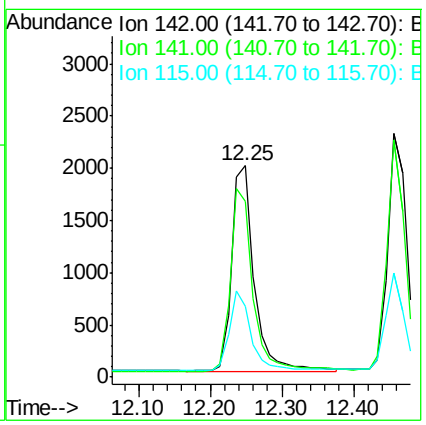


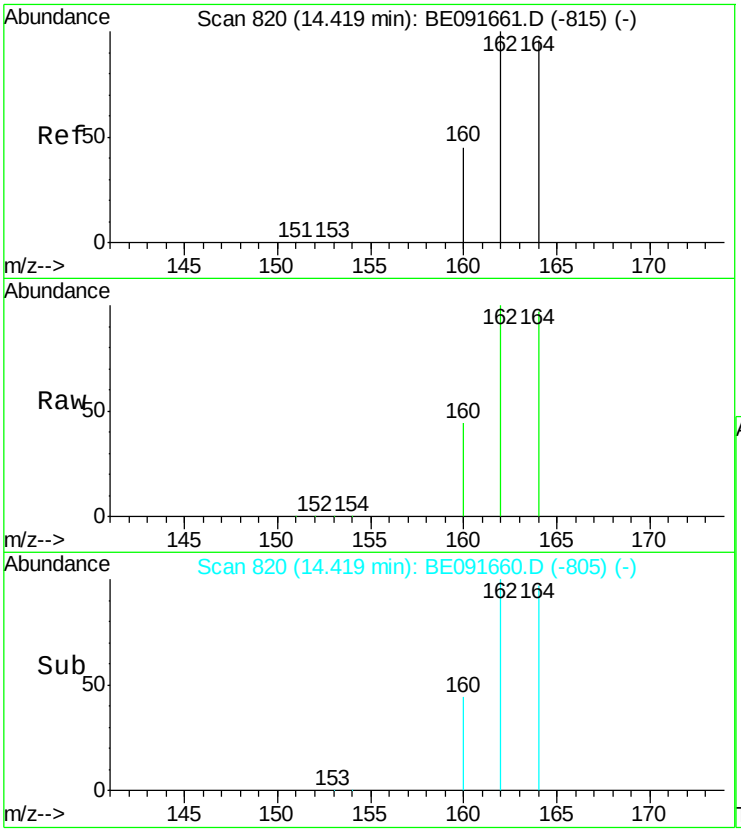




#12
2-Methylnaphthalene
Concen: 0.19 ng
RT: 12.25 min Scan# 639
Delta R.T. 0.01 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

Tgt Ion:142 Resp: 4259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 83.5 | 71.4 | 107.0 |
| 115 | 33.3 | 30.3 | 45.5 |



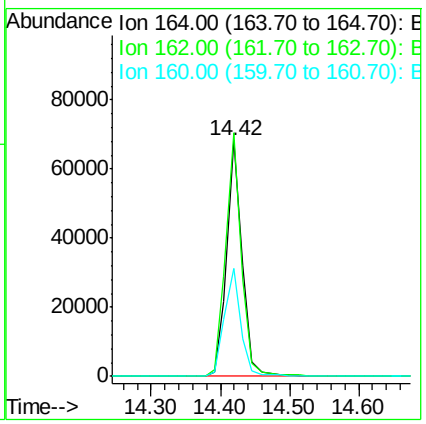


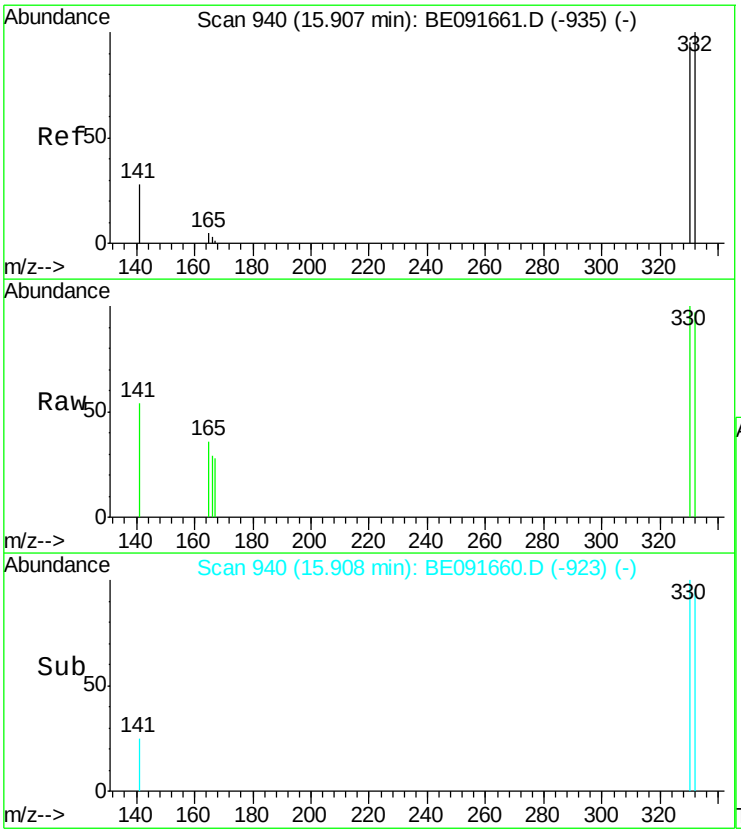

#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.2

Tgt Ion:164 Resp: 104987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.3 | 85.3 | 127.9 |
| 160 | 45.7 | 46.2 | 69.2# |

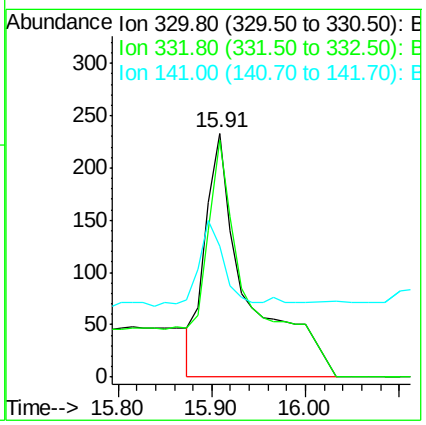


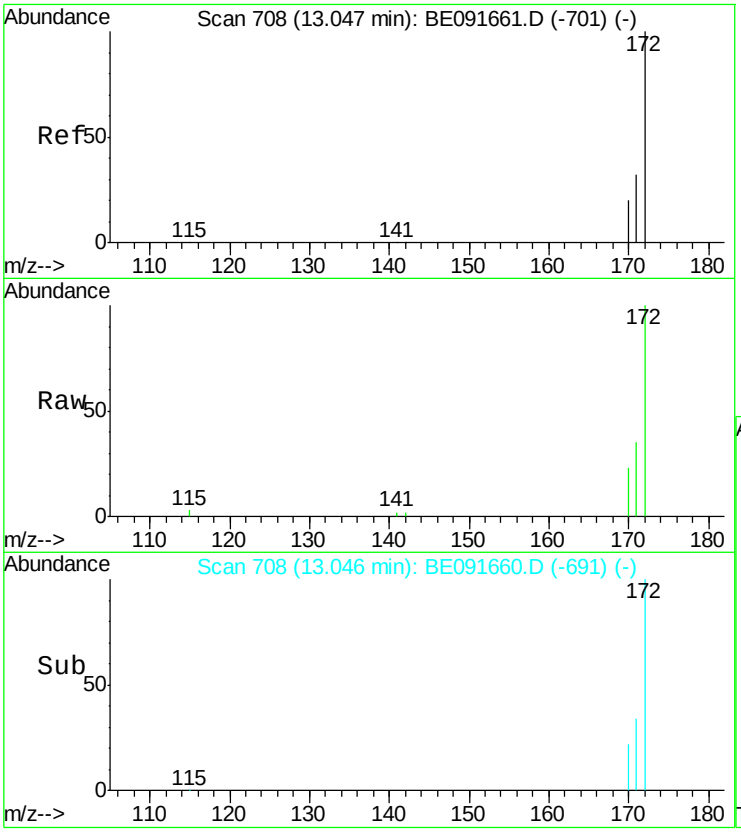




#14
2,4,6-Tribromophenol
Concen: 0.45 ng
RT: 15.91 min Scan# 940
Delta R.T. 0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

Tgt Ion:330 Resp: 810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.7 | 79.1 | 118.7 |
| 141 | 18.8 | 125.4 | 188.0# |



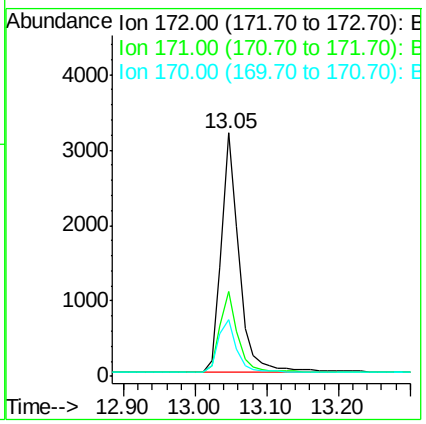


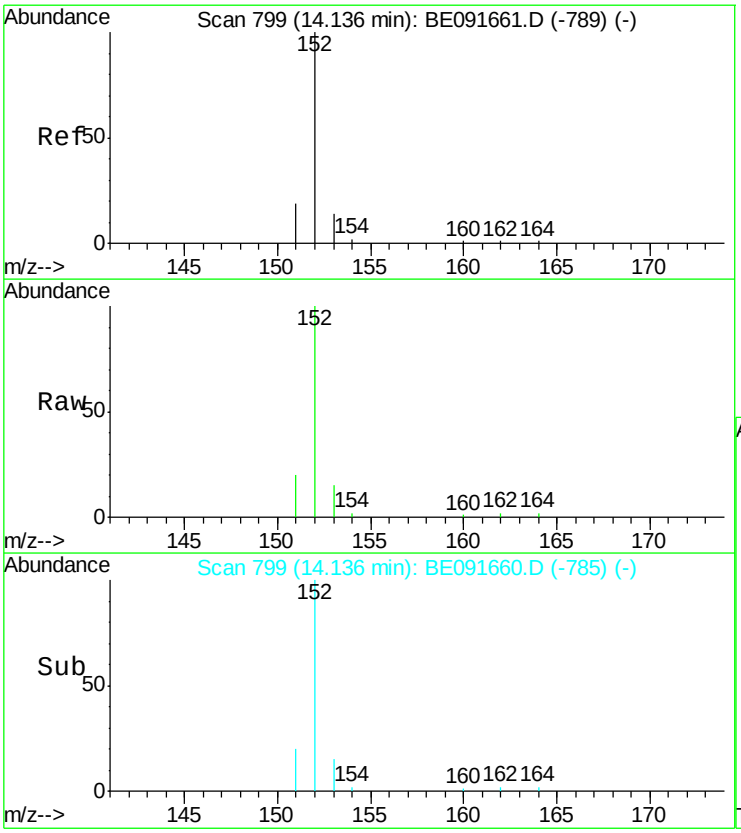

#15
2-Fluorobiphenyl
Concen: 0.19 ng
RT: 13.05 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.2

Tgt Ion:172 Resp: 5579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.9 | 28.8 | 43.2 |
| 170 | 23.4 | 19.3 | 28.9 |

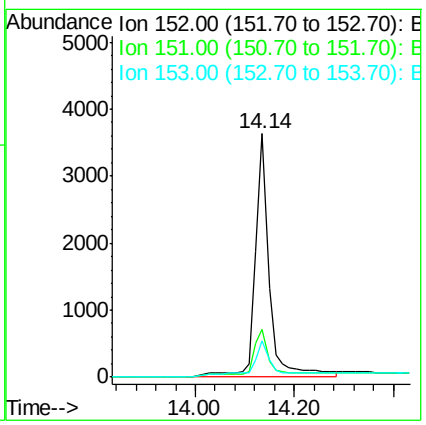


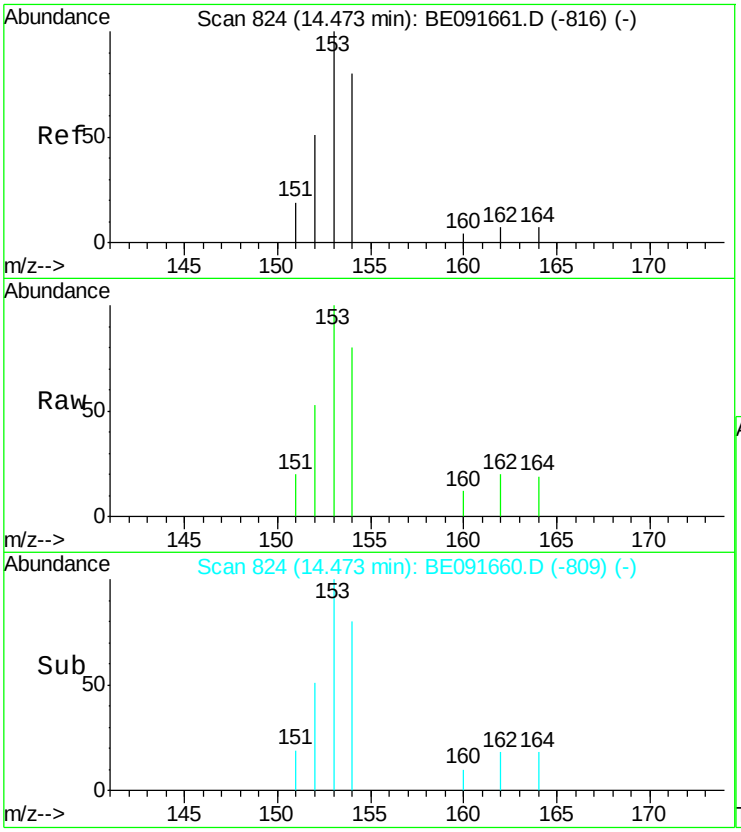




#16
Acenaphthylene
Concen: 0.19 ng
RT: 14.14 min Scan# 799
Delta R.T. 0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

Tgt Ion:152 Resp: 7539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 18.6 | 3.9 | 5.9# |
| 153 | 23.9 | 10.3 | 15.5# |



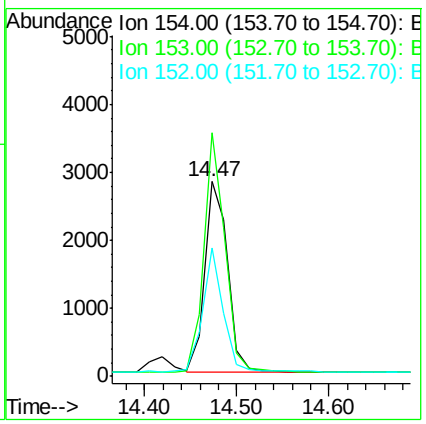


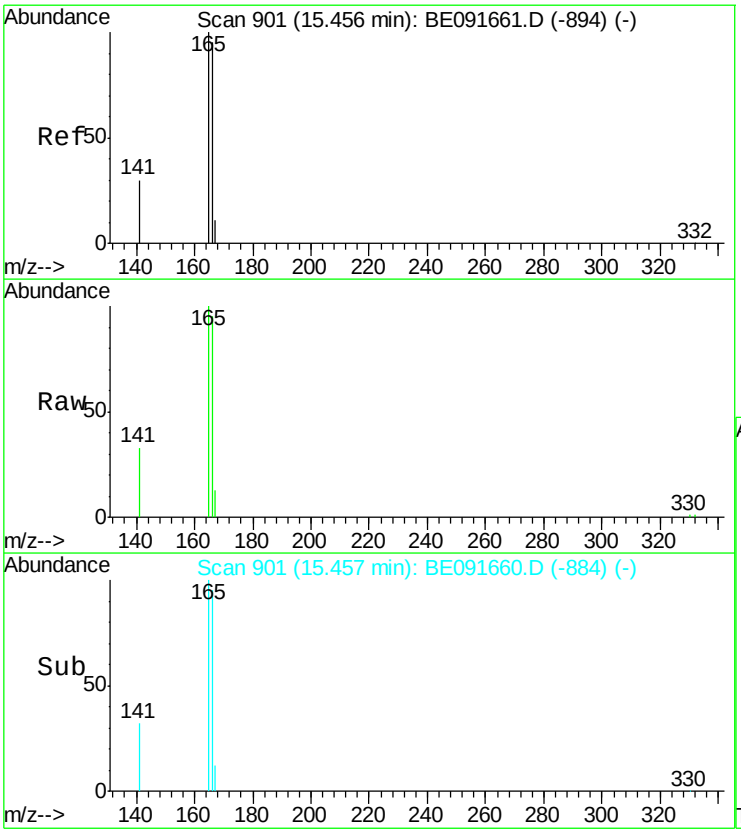

#17
Acenaphthene
Concen: 0.19 ng
RT: 14.47 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.2

Tgt Ion:154 Resp: 4905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 116.5 | 80.0 | 120.0 |
| 152 | 57.9 | 40.0 | 60.0 |

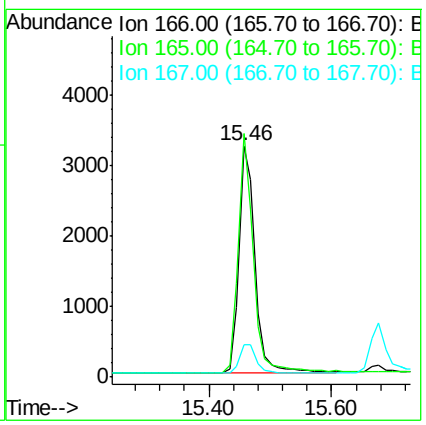


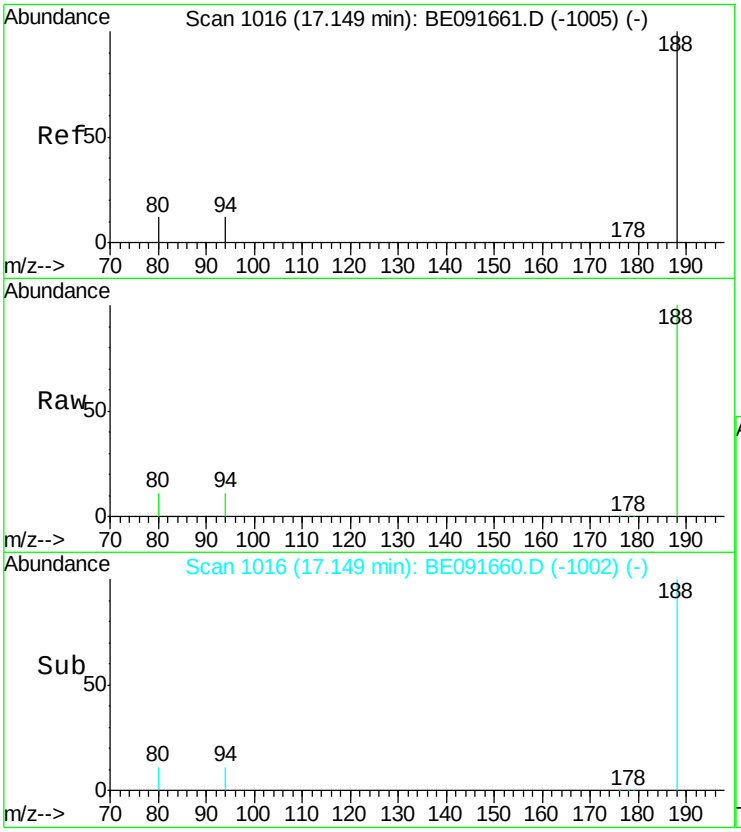




#18
Fluorene
Concen: 0.18 ng
RT: 15.46 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

Tgt Ion:166 Resp: 5952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.7 | 80.8 | 121.2 |
| 167 | 13.3 | 10.9 | 16.3 |



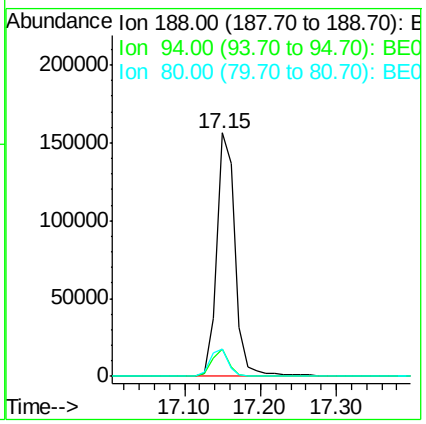


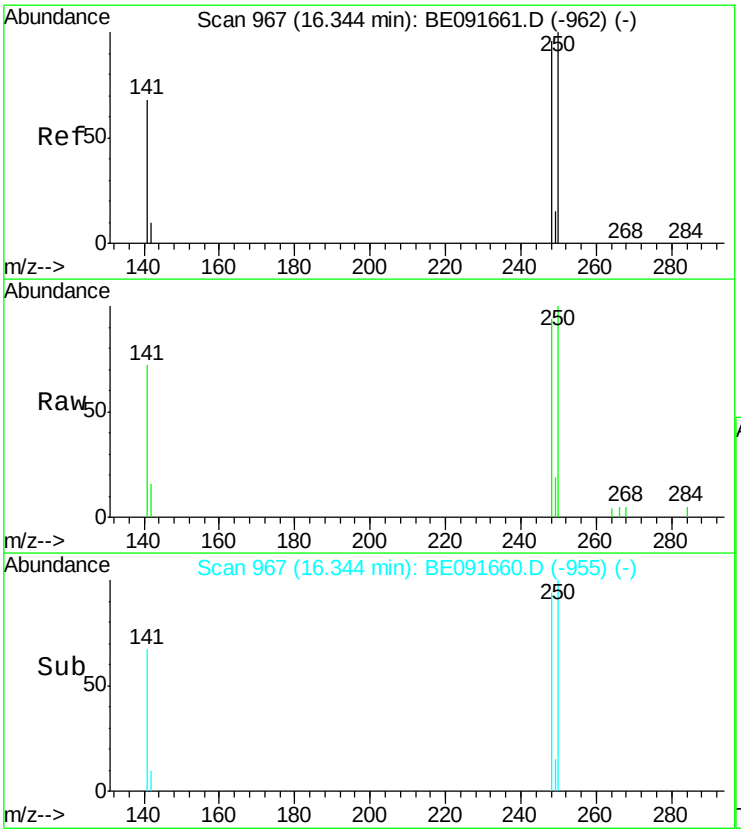

#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.2

Tgt Ion:188 Resp: 265584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 11.0 | 8.7 | 13.1 |
| 80 | 11.0 | 9.4 | 14.0 |

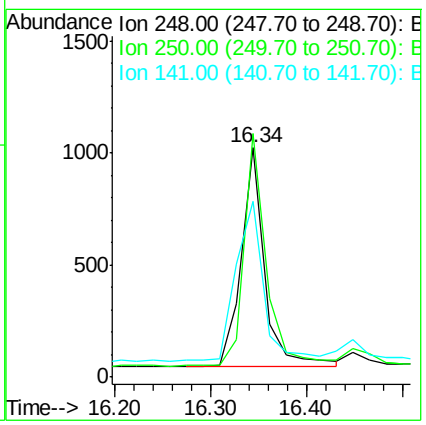


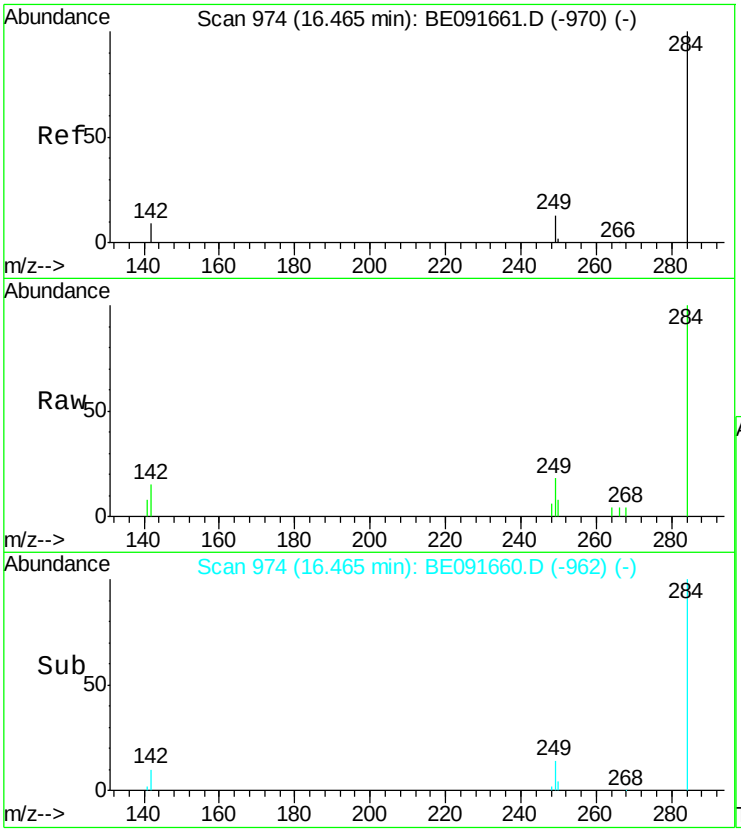




#20
4-Bromophenyl-phenylether
Concen: 0.17 ng
RT: 16.34 min Scan# 967
Delta R.T. 0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

Tgt Ion:248 Resp: 1634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 100.5 | 80.5 | 120.7 |
| 141 | 86.8 | 72.0 | 108.0 |



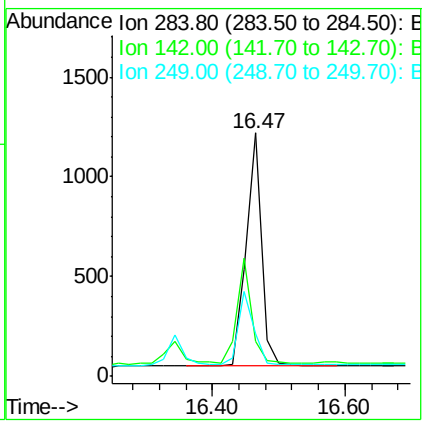


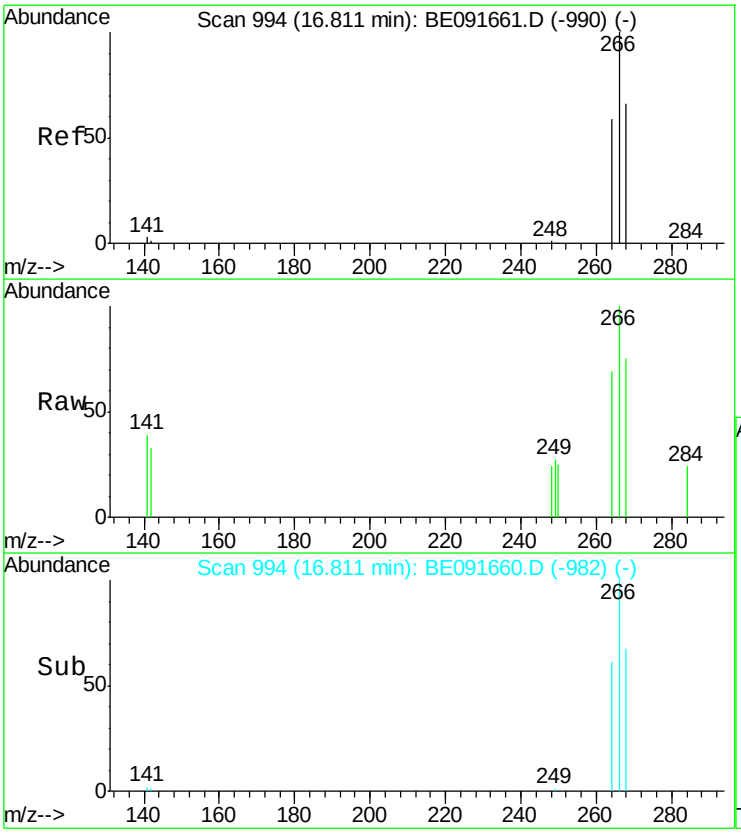

#21
Hexachlorobenzene
Concen: 0.20 ng
RT: 16.47 min Scan# 974
Delta R.T. 0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.2

Tgt Ion:284 Resp: 1907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 41.4 | 32.2 | 48.2 |
| 249 | 31.9 | 25.4 | 38.2 |

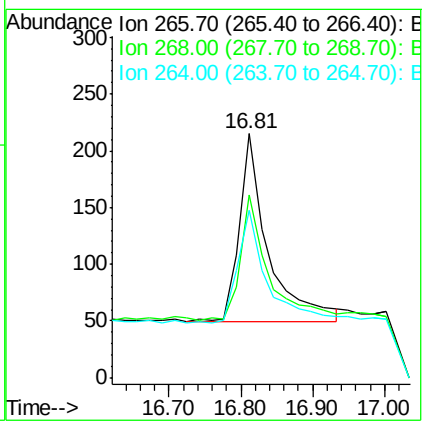


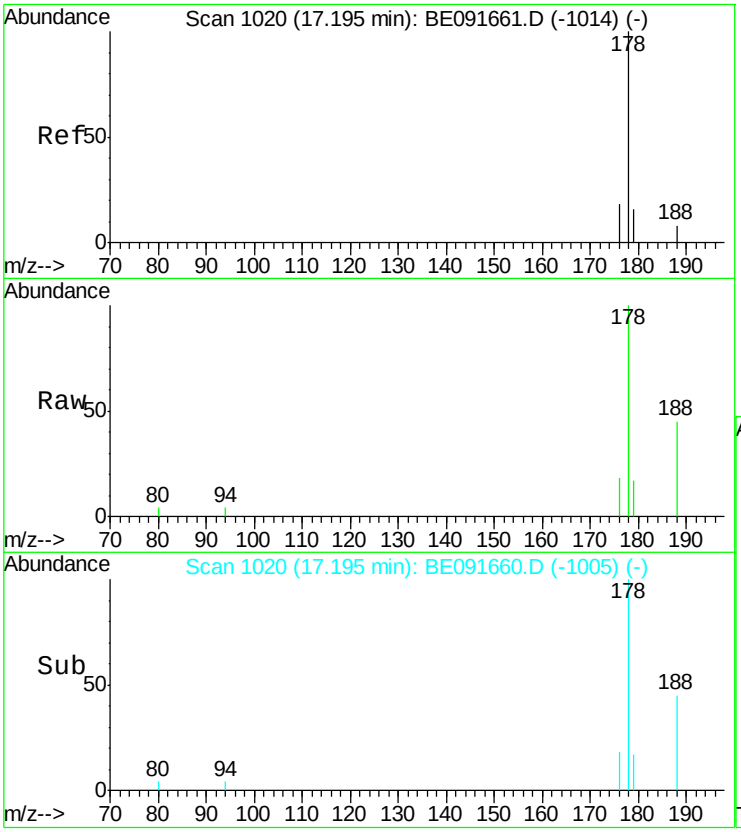




#22
Pentachlorophenol
Concen: 0.31 ng
RT: 16.81 min Scan# 994
Delta R.T. 0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

Tgt Ion:266 Resp: 463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 74.9 | 58.2 | 87.2 |
| 264 | 68.8 | 56.2 | 84.4 |



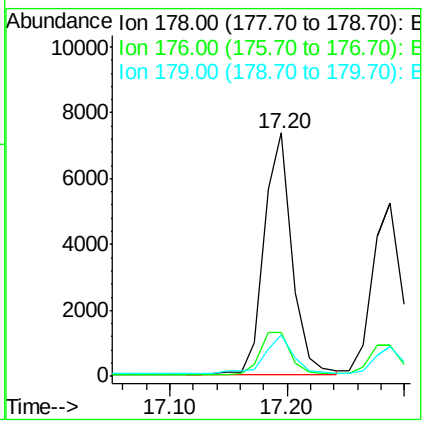


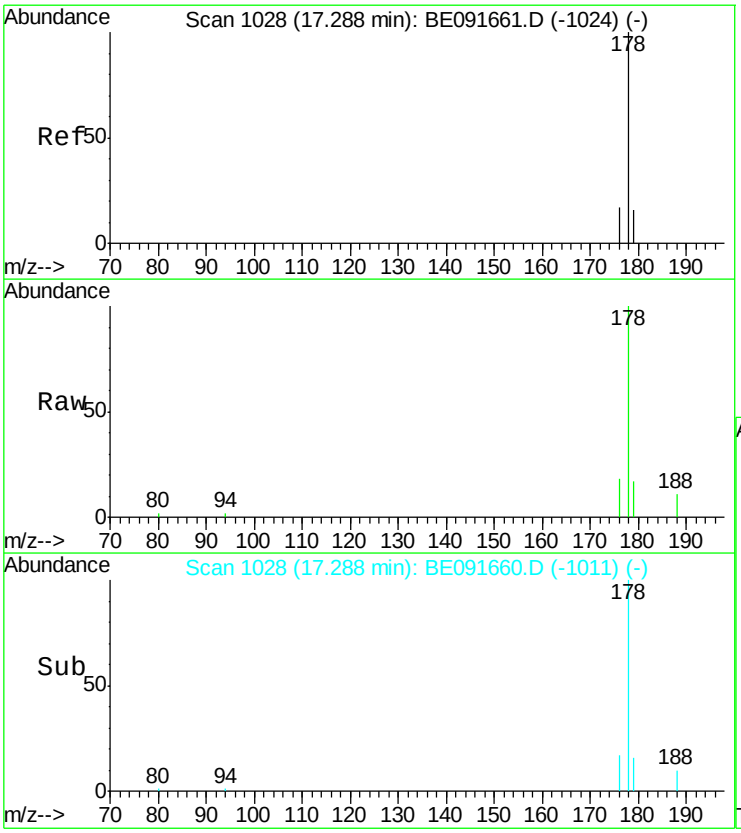

#23
Phenanthrene
Concen: 0.20 ng
RT: 17.20 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.2

Tgt Ion:178 Resp: 12011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.3 | 22.9 |
| 179 | 17.0 | 12.6 | 18.8 |

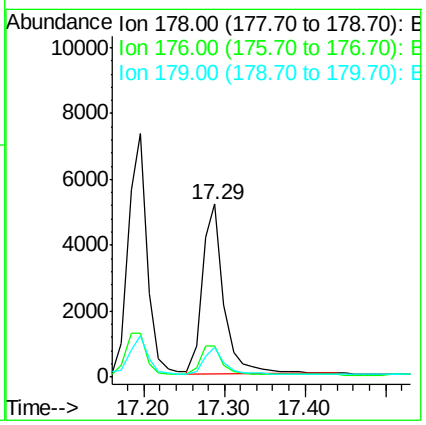


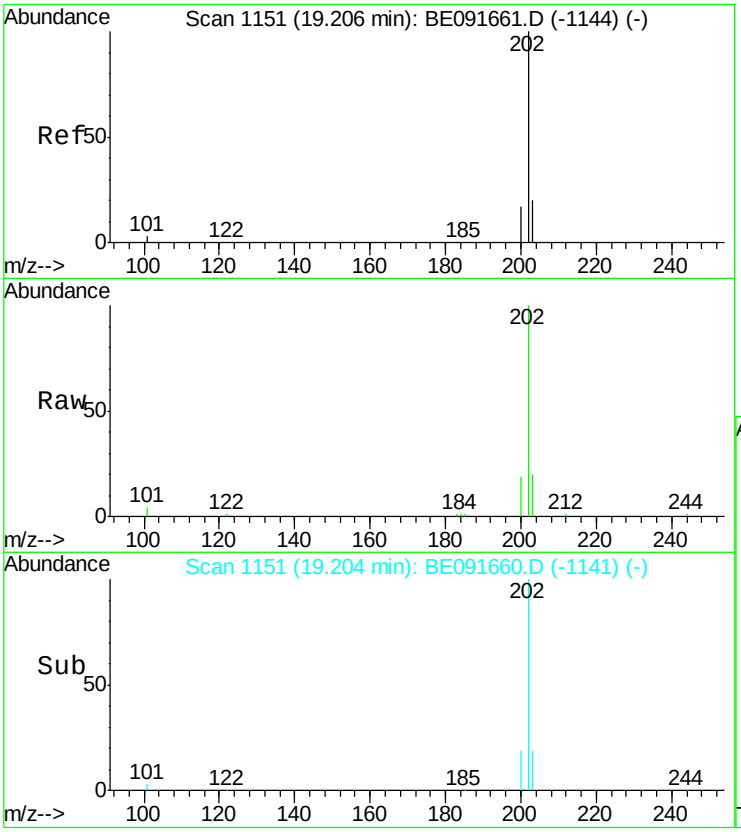




#24
Anthracene
Concen: 0.18 ng
RT: 17.29 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

Tgt Ion:178 Resp: 9695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 14.6 | 21.8 |
| 179 | 15.0 | 11.8 | 17.6 |



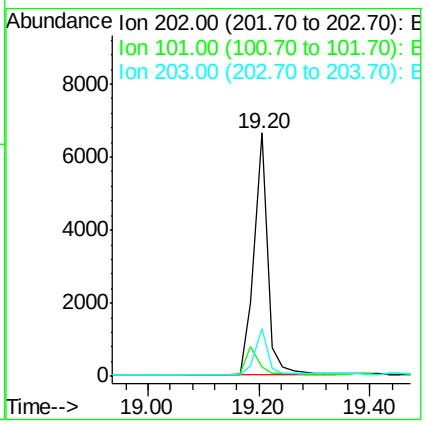


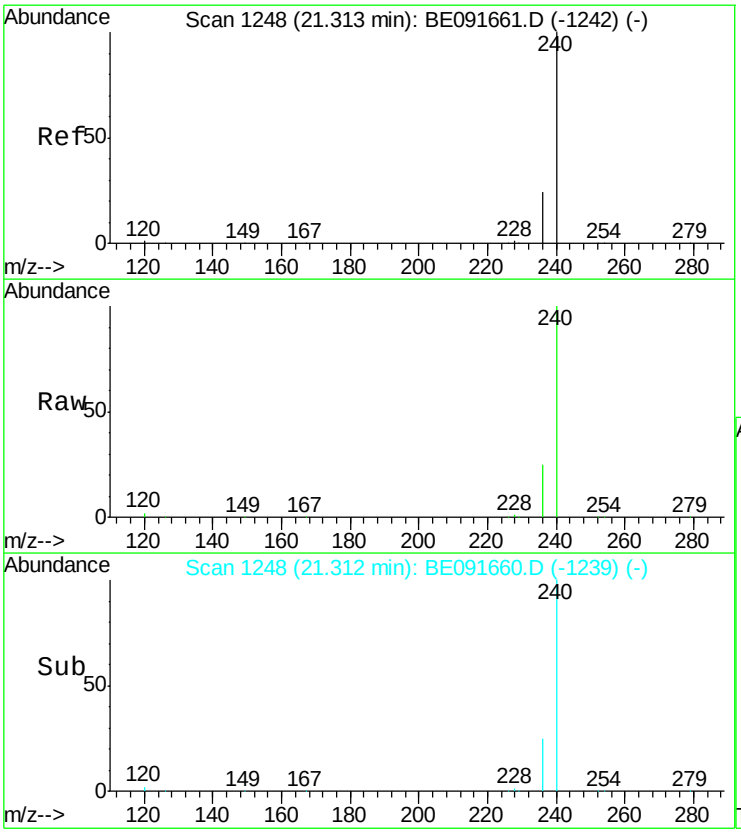

#25
Fluoranthene
Concen: 0.18 ng
RT: 19.20 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.2

Tgt Ion:202 Resp: 11273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.5 | 11.0 | 16.6 |
| 203 | 17.8 | 13.9 | 20.9 |

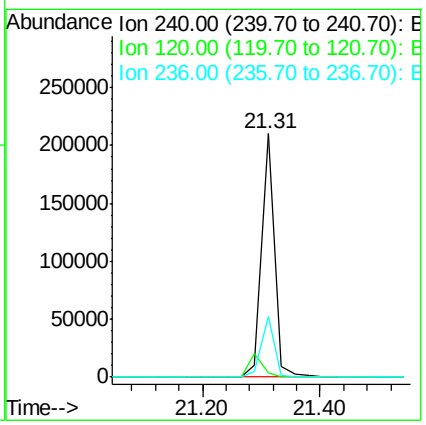


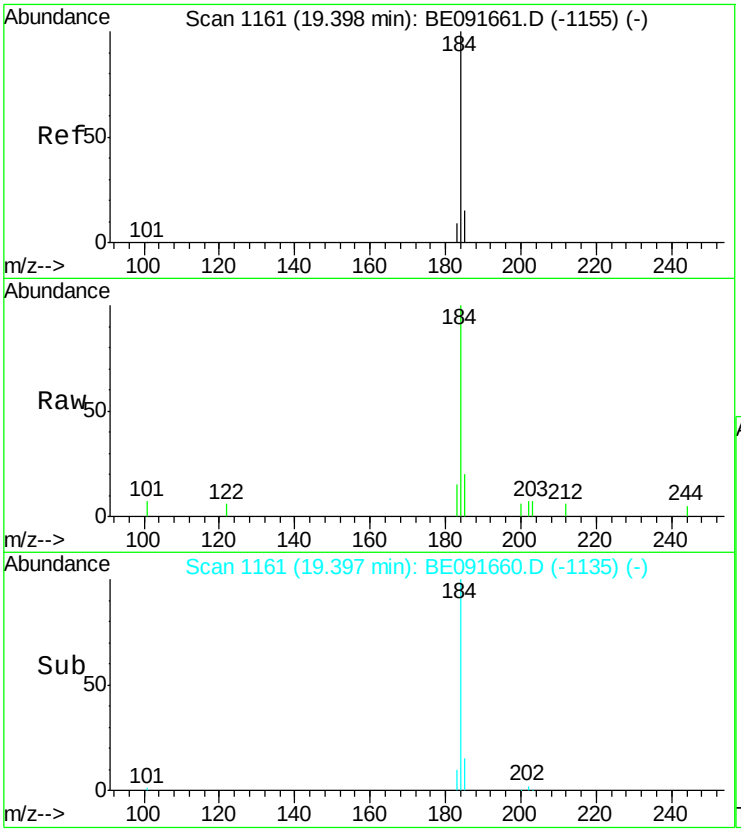




#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

Tgt Ion:240 Resp: 324001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 1.8 | 11.0 | 16.4# |
| 236 | 24.9 | 21.7 | 32.5 |



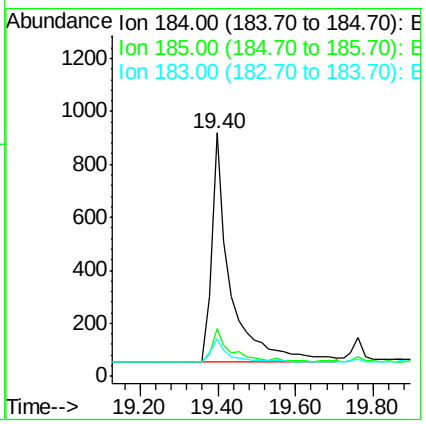


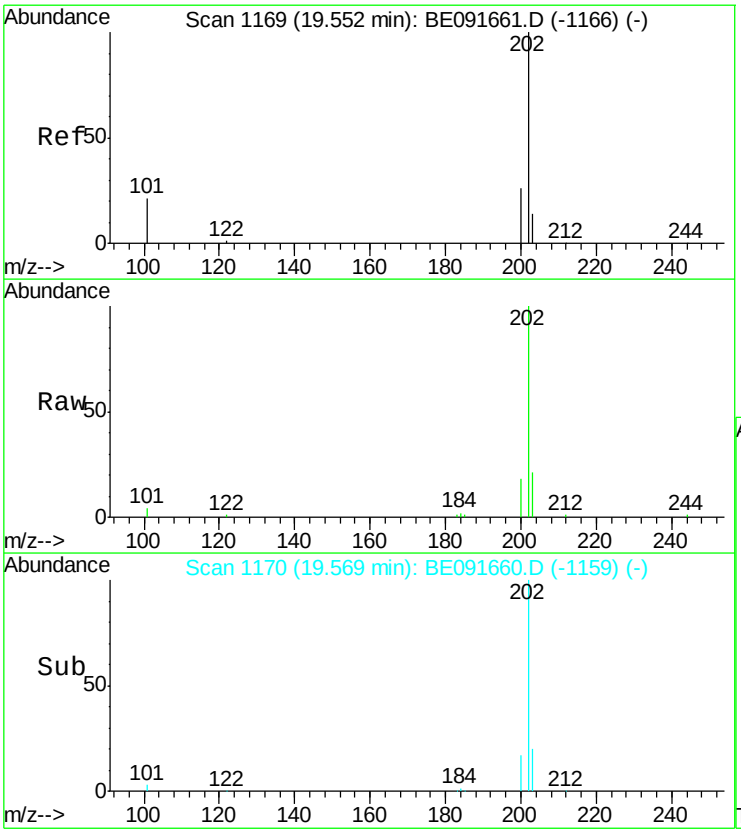

#27
Benzidine
Concen: 0.42 ng
RT: 19.40 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.2

Tgt Ion:184 Resp: 2937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 19.7 | 22.3 | 33.5# |
| 183 | 15.1 | 16.4 | 24.6# |

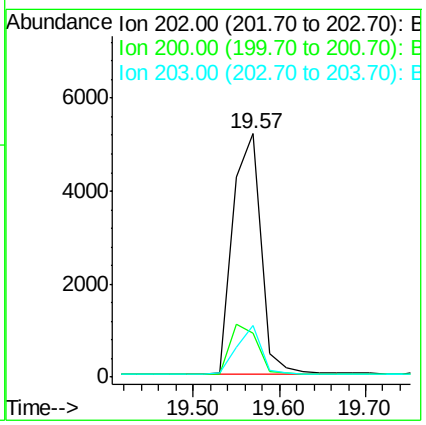


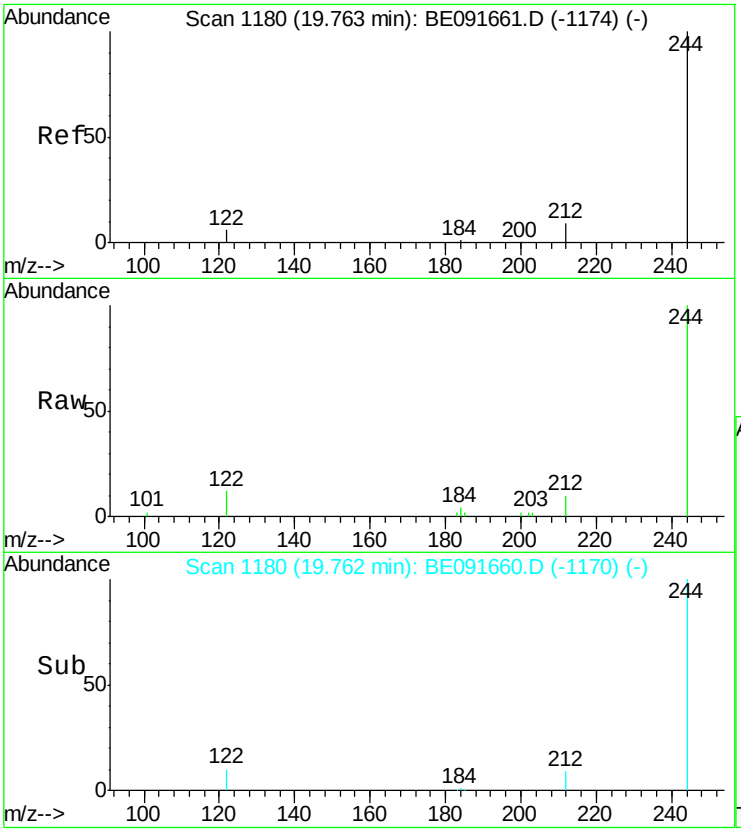




#28
Pyrene
Concen: 0.18 ng
RT: 19.57 min Scan# 1170
Delta R.T. 0.02 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

Tgt Ion:202 Resp: 11725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.9 | 16.8 | 25.2 |
| 203 | 17.7 | 14.0 | 21.0 |



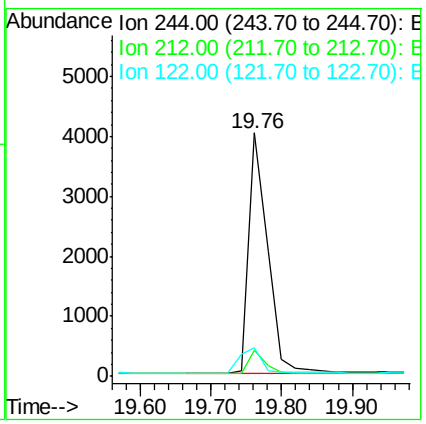


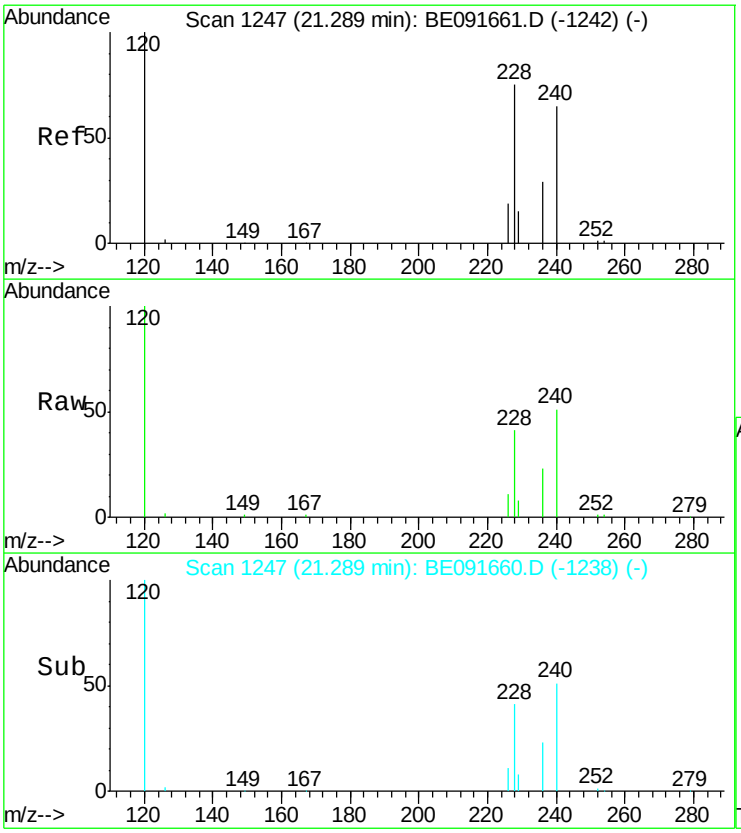

#29
Terphenyl-d14
Concen: 0.19 ng
RT: 19.76 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.2

Tgt Ion:244 Resp: 7562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 10.4 | 6.9 | 10.3# |
| 122 | 11.7 | 11.0 | 16.4 |

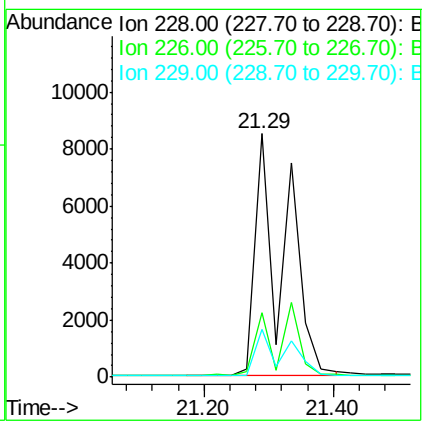


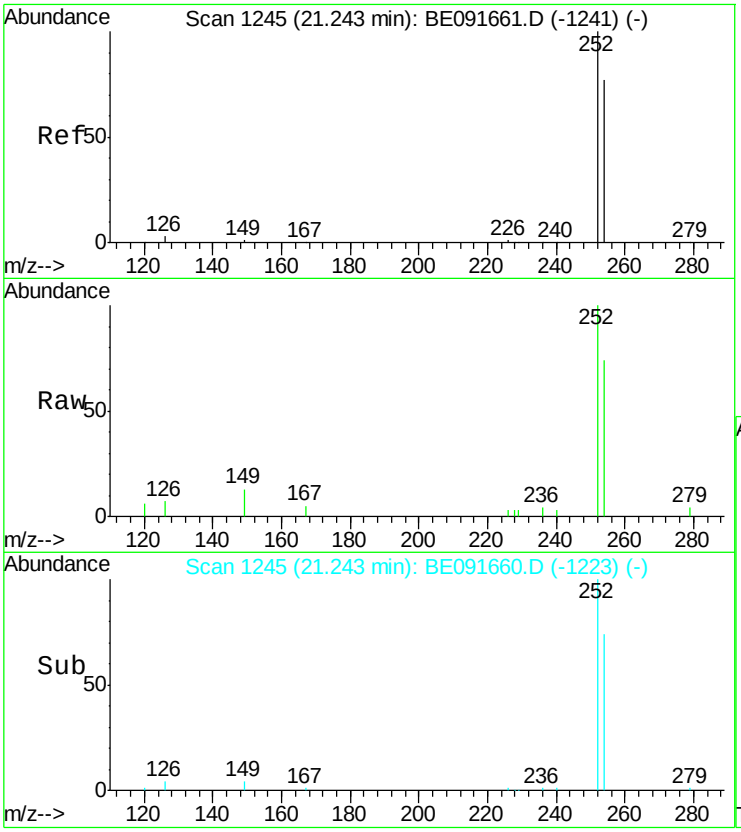




#30
Benzo(a)anthracene
Concen: 0.37 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

Tgt Ion:228 Resp: 26919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.5 | 21.0 | 31.4 |
| 229 | 19.4 | 15.7 | 23.5 |



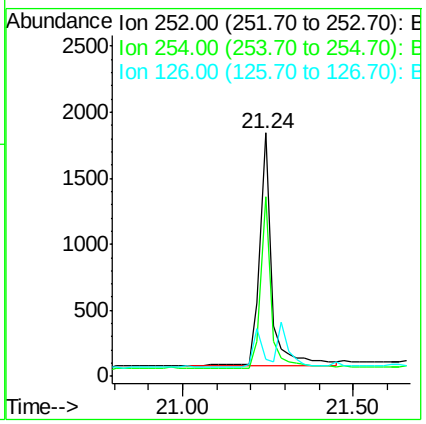


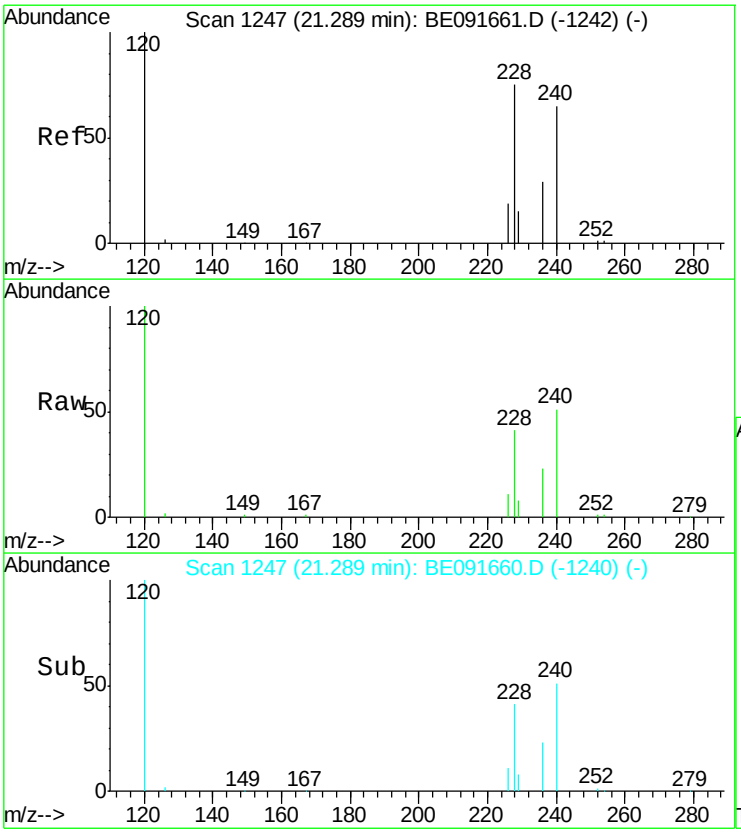

#31
3,3'-Dichlorobenzidine
Concen: 0.24 ng
RT: 21.24 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.2

Tgt Ion:252 Resp: 4225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 73.7 | 51.1 | 76.7 |
| 126 | 7.3 | 12.6 | 18.8# |

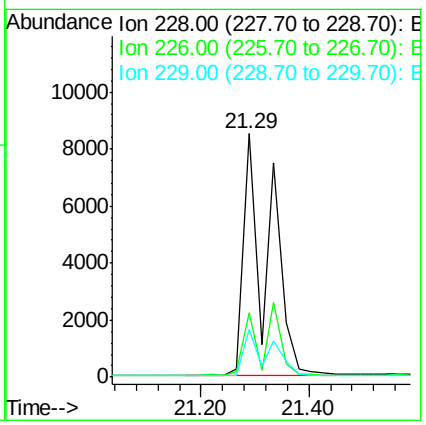


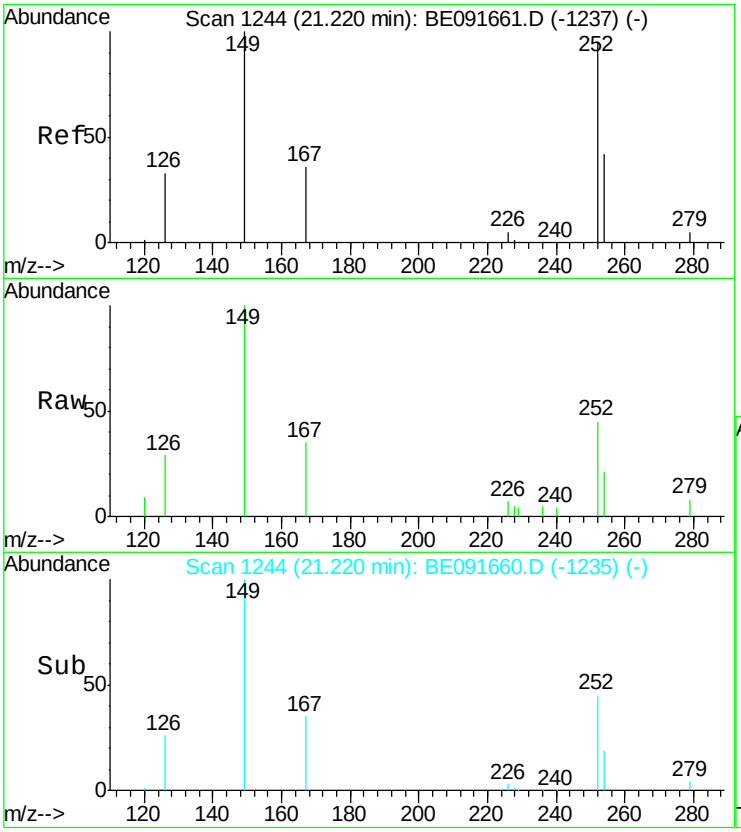




#32
Chrysene
Concen: 0.41 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

Tgt Ion:228 Resp: 27118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.5 | 24.0 | 36.0 |
| 229 | 19.4 | 15.9 | 23.9 |



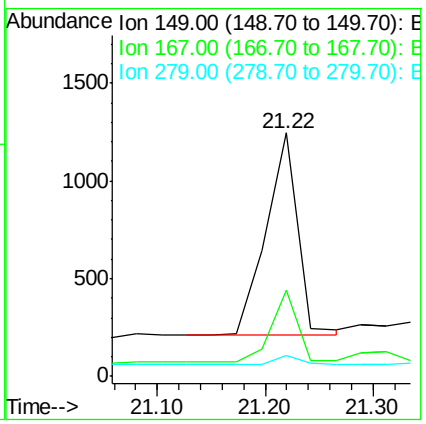


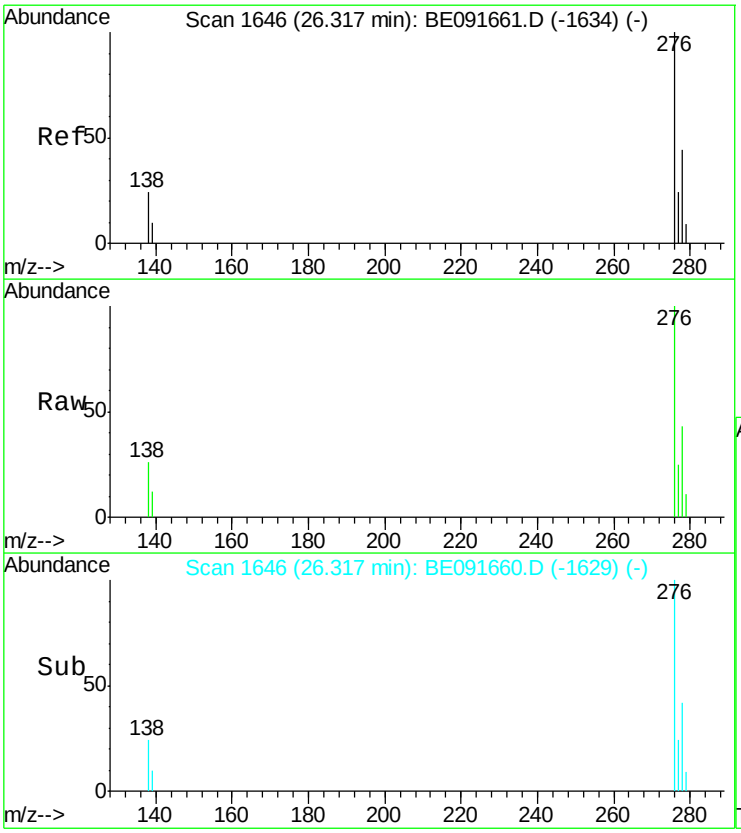

#33
Bis(2-ethylhexyl)phthalate
Concen: 0.30 ng
RT: 21.22 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.2

Tgt Ion:149 Resp: 2122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 31.6 | 19.5 | 29.3# |
| 279 | 5.2 | 10.0 | 15.0# |

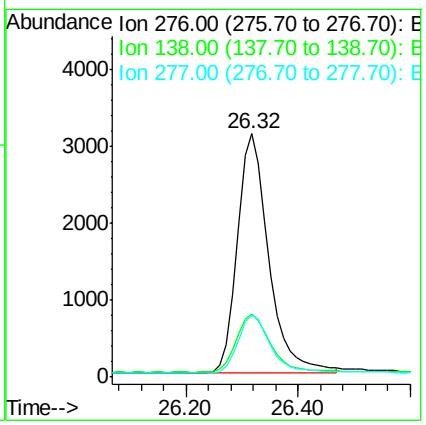


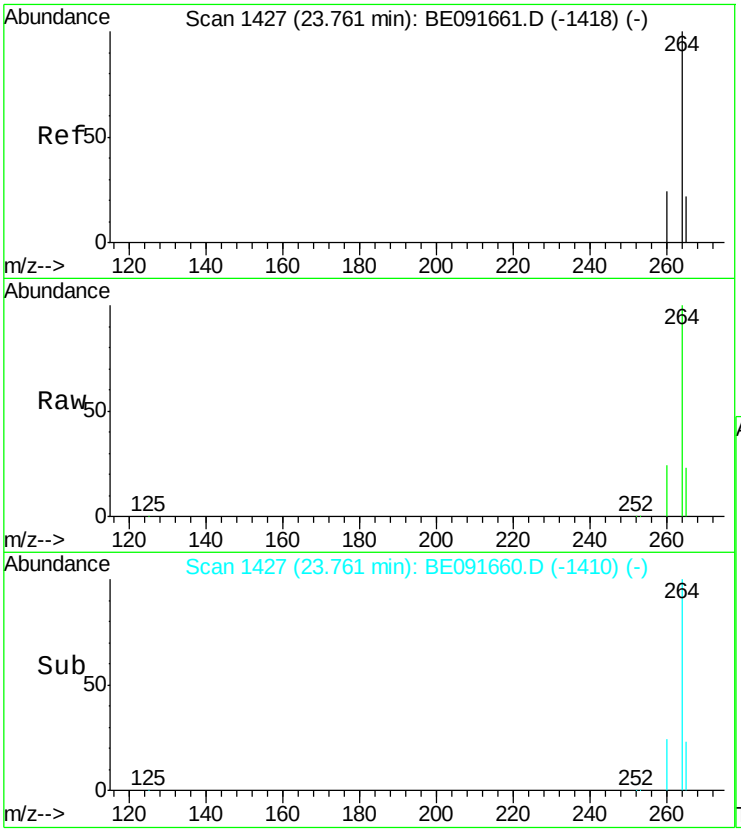




#34
Indeno(1,2,3-cd)pyrene
Concen: 0.17 ng
RT: 26.32 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

Tgt Ion:276 Resp: 12305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.1 | 23.4 | 35.2 |
| 277 | 24.8 | 19.8 | 29.8 |



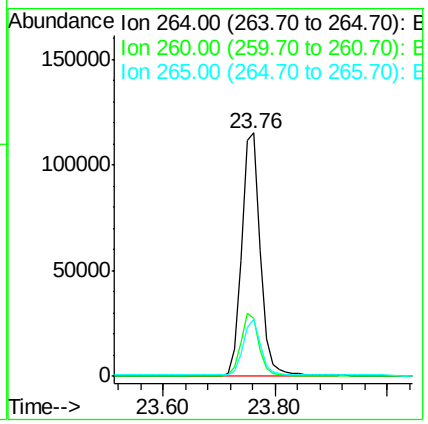


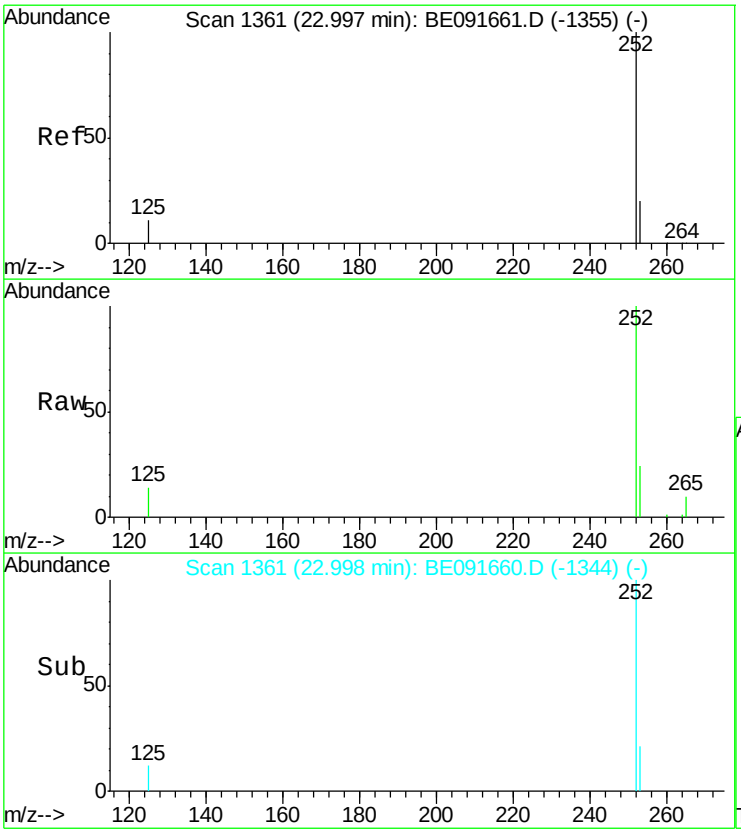

#35
Perylene-d12
Concen: 5.00 ng
RT: 23.76 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.2

Tgt Ion:264 Resp: 272319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 20.0 | 30.0 |
| 265 | 23.2 | 17.5 | 26.3 |

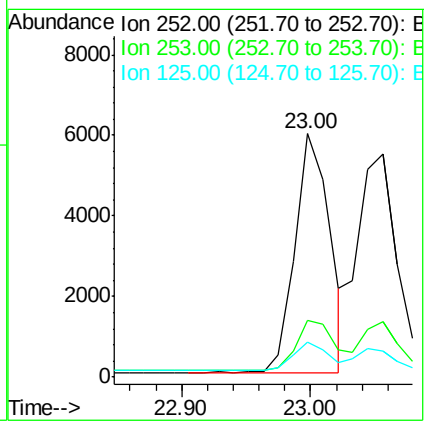


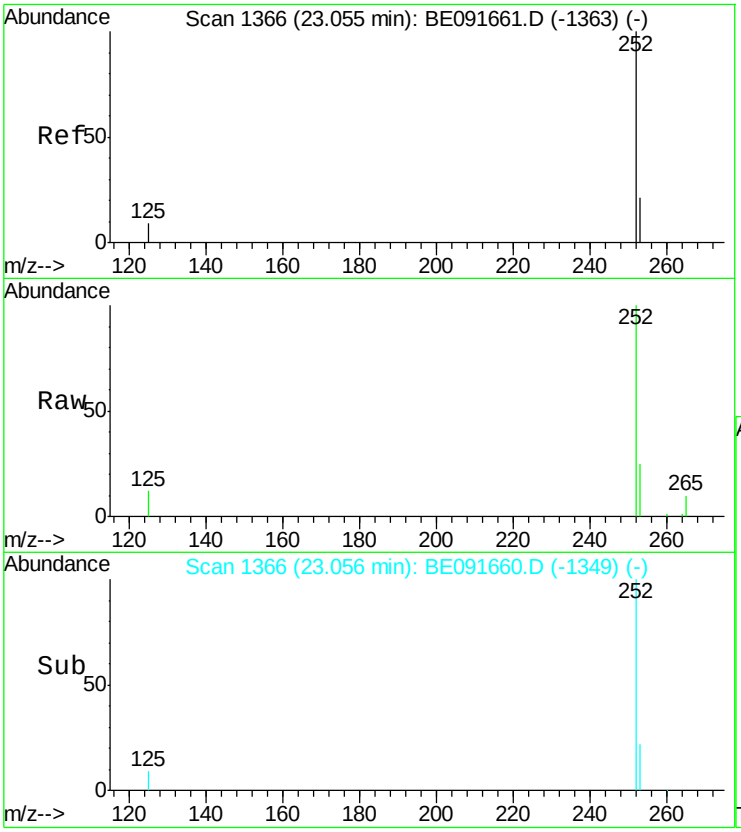




#36
Benzo(b)fluoranthene
Concen: 0.18 ng
RT: 23.00 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

Tgt Ion:252 Resp: 11133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.5 | 17.4 | 26.0 |
| 125 | 14.4 | 10.2 | 15.2 |



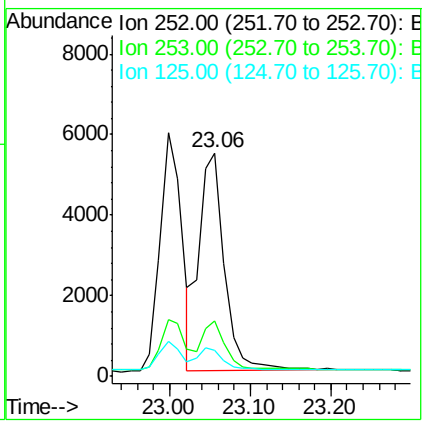


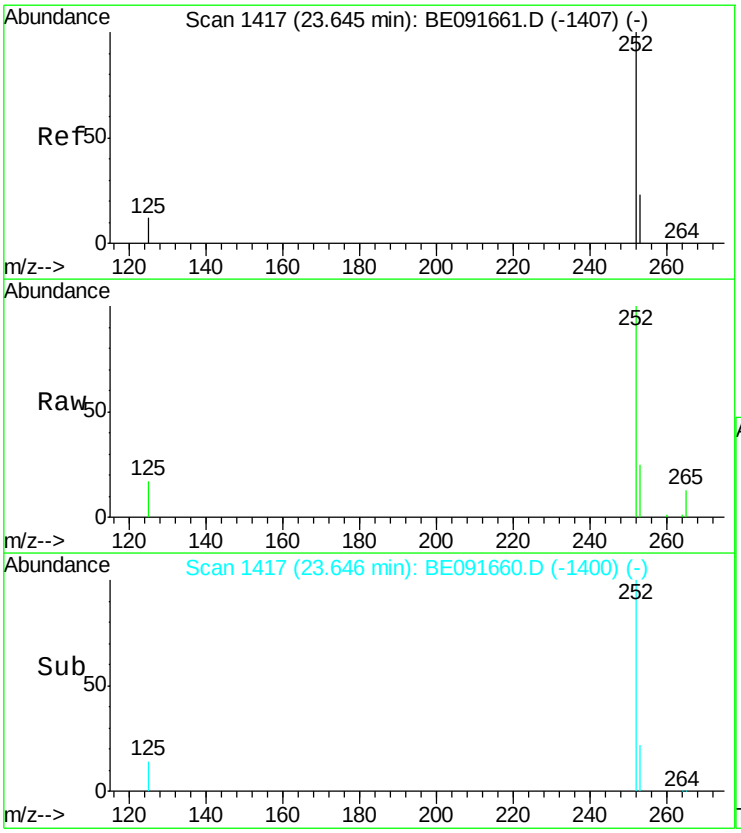

#37
Benzo(k)fluoranthene
Concen: 0.19 ng
RT: 23.06 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.2

Tgt Ion:252 Resp: 11840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.8 | 17.6 | 26.4 |
| 125 | 11.7 | 9.9 | 14.9 |

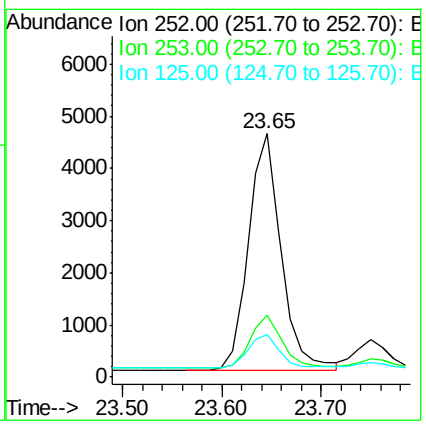


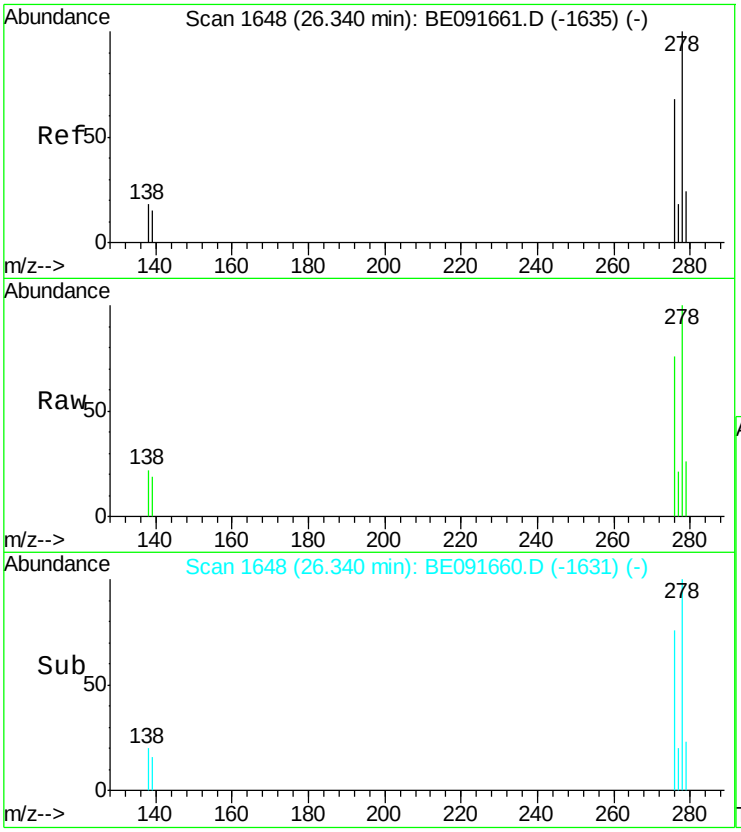




#38
Benzo(a)pyrene
Concen: 0.18 ng
RT: 23.65 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

Tgt Ion:252 Resp: 10382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.4 | 18.1 | 27.1 |
| 125 | 17.4 | 11.0 | 16.4# |



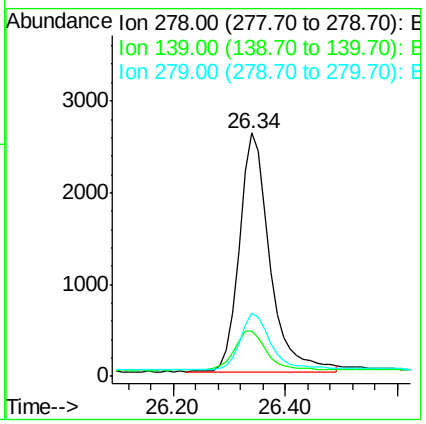


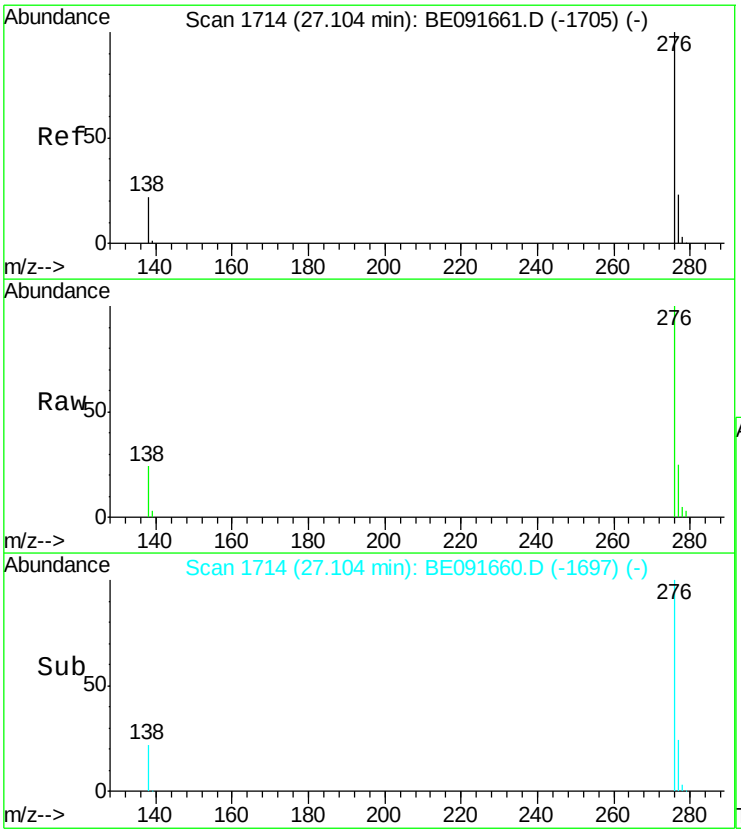

#39
Dibenzo(a,h)anthracene
Concen: 0.17 ng
RT: 26.34 min Scan# 1648
Delta R.T. 0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.2

Tgt Ion:278 Resp: 9889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 18.6 | 16.0 | 24.0 |
| 279 | 25.8 | 19.4 | 29.2 |




#40
Benzo(g,h,i)perylene
Concen: 0.18 ng
RT: 27.10 min Scan# 1714
Delta R.T. 0.00 min
Lab File: BE091660.D
Acq: 18 Apr 2016 11:59

Tgt Ion:276 Resp: 10628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 25.5 | 18.6 | 28.0 |
| 138 | 23.5 | 20.4 | 30.6 |