Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022318\
Data File : BE095672.D
Acq On : 23 Feb 2018 8:30
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDICC0.1

Quant Time: Feb 23 11:05:39 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 10:57:33 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.42 | 152 | 1139 | 0.40 | ng | | -0.01 |
| 7) Naphthalene-d8 | 11.28 | 136 | 4373 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 15.00 | 164 | 2436 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.71 | 188 | 5613 | 0.40 | ng | | 0.01 |
| 27) Chrysene-d12 | 21.79 | 240 | 5712 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 24.42 | 264 | 5302 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.92 | 112 | 301 | 0.09 | ng | | 0.00 |
| 5) Phenol-d6 | 7.55 | 99 | 369 | 0.08 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.61 | 82 | 426 | 0.09 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.80 | 152 | 715 | 0.10 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.47 | 330 | 70 | 0.06 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.64 | 172 | 1060 | 0.10 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.69 | 212 | 7211 | 0.10 | ng | | 0.00 |
| 29) Terphenyl-d14 | 20.25 | 244 | 1150 | 0.09 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.65 | 88 | 199 | 0.11 | ng | | 94 |
| 3) n-Nitrosodimethylamine | 4.00 | 42 | 199 | 0.08 | ng | # | 75 |
| 6) bis(2-Chloroethyl)ether | 7.83 | 93 | 430 | 0.10 | ng | | 94 |
| 9) Naphthalene | 11.31 | 128 | 5032 | 0.10 | ng | # | 96 |
| 10) Hexachlorobutadiene | 11.58 | 225 | 256 | 0.09 | ng | | 91 |
| 12) 2-Methylnaphthalene | 12.88 | 142 | 861 | 0.10 | ng | | 95 |
| 16) Acenaphthylene | 14.73 | 152 | 1315 | 0.09 | ng | | 99 |
| 17) Acenaphthene | 15.06 | 154 | 807 | 0.09 | ng | | 92 |
| 18) Fluorene | 16.02 | 166 | 1018 | 0.09 | ng | # | 78 |
| 20) 4-Bromophenyl-phenylether | 16.89 | 248 | 341 | 0.10 | ng | # | 67 |
| 21) Hexachlorobenzene | 17.03 | 284 | 370 | 0.11 | ng | # | 82 |
| 22) Pentachlorophenol | 17.37 | 266 | 57 | 0.06 | ng | | 97 |
| 23) Phenanthrene | 17.74 | 178 | 1679 | 0.10 | ng | | 98 |
| 24) Anthracene | 17.83 | 178 | 1522 | 0.09 | ng | # | 95 |
| 26) Fluoranthene | 19.72 | 202 | 2035 | 0.09 | ng | | 98 |
| 28) Pyrene | 20.06 | 202 | 2222 | 0.09 | ng | | 95 |
| 30) Benzo(a)anthracene | 21.78 | 228 | 1834 | 0.10 | ng | | 99 |
| 31) Chrysene | 21.84 | 228 | 1896 | 0.10 | ng | | 96 |
| 32) Bis(2-ethylhexyl)phthalate | 21.65 | 149 | 3462 | 0.08 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 27.23 | 276 | 1718 | 0.09 | ng | # | 92 |
| 35) Benzo(b)fluoranthene | 23.61 | 252 | 1819 | 0.10 | ng | # | 92 |
| 36) Benzo(k)fluoranthene | 23.66 | 252 | 1713 | 0.09 | ng | # | 83 |
| 37) Benzo(a)pyrene | 24.31 | 252 | 1598 | 0.09 | ng | # | 83 |
| 38) Dibenzo(a,h)anthracene | 27.24 | 278 | 1323 | 0.09 | ng | # | 80 |
| 39) Benzo(g,h,i)perylene | 28.10 | 276 | 1530 | 0.10 | ng | # | 81 |

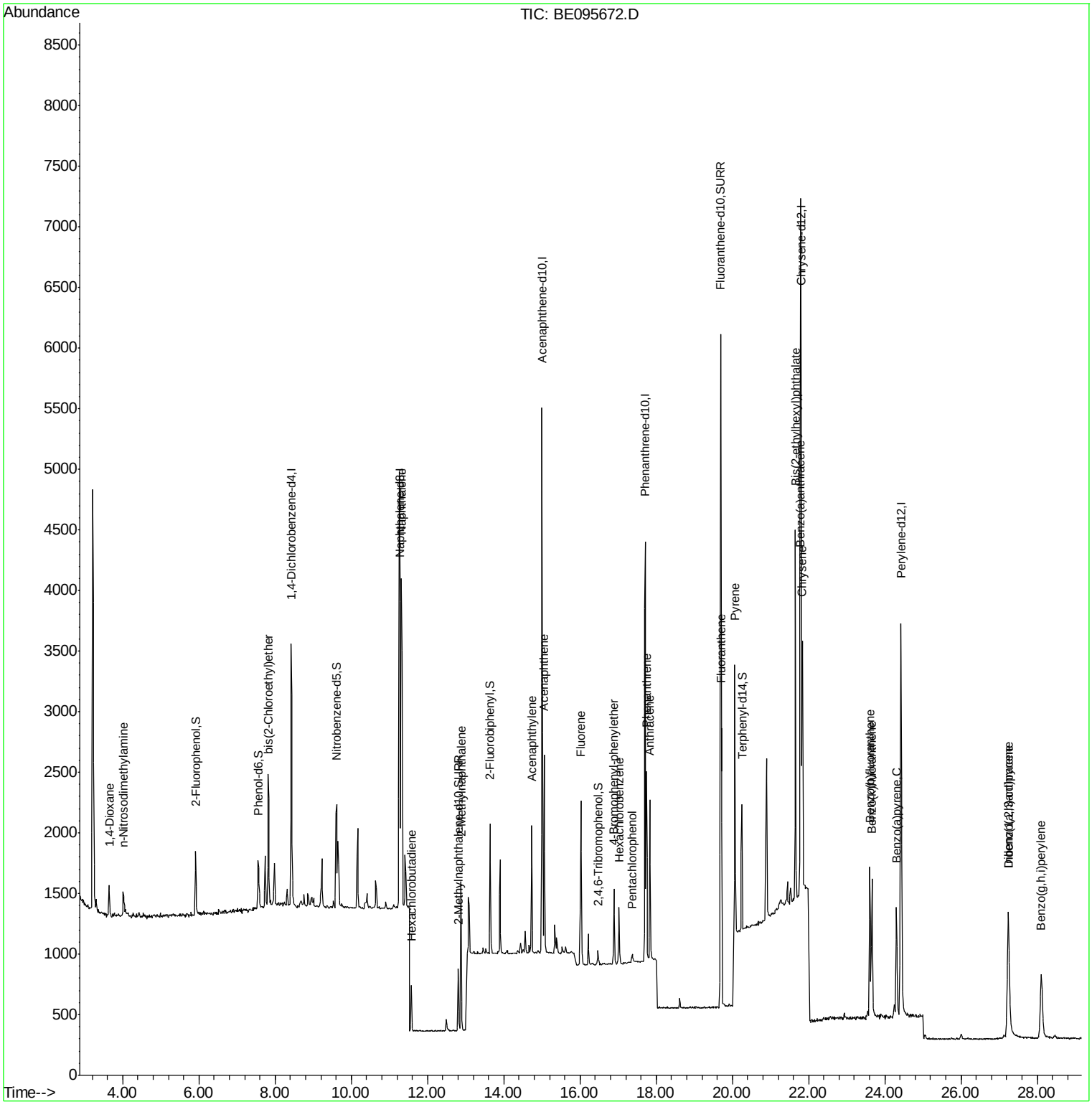
(#) = qualifier out of range (m) = manual integration (+) = signals summed

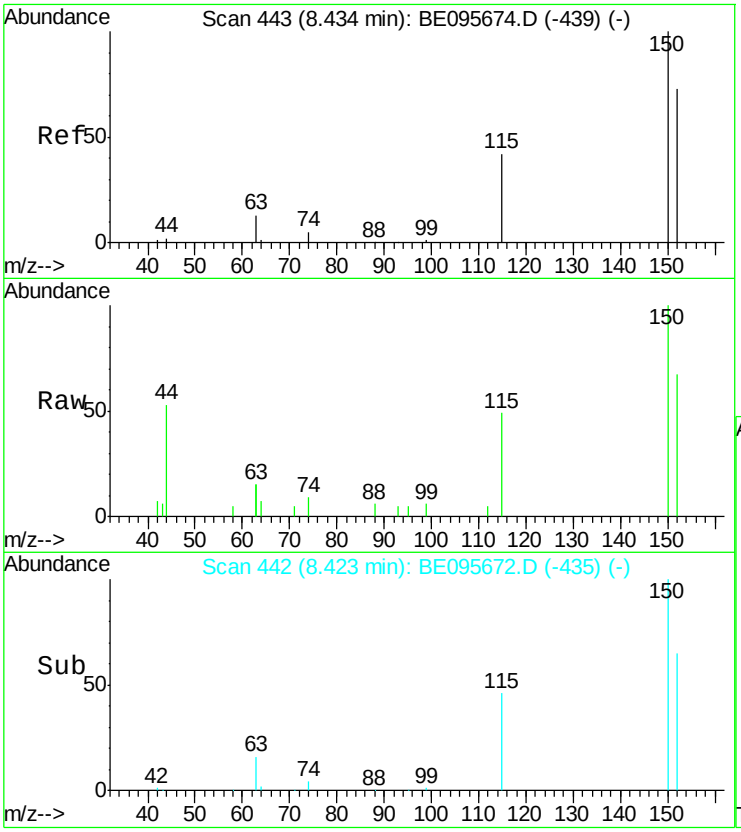
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022318\
Data File : BE095672.D
Acq On : 23 Feb 2018 8:30
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.1

Quant Time: Feb 23 11:05:39 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 10:57:33 2018
Response via : Initial Calibration



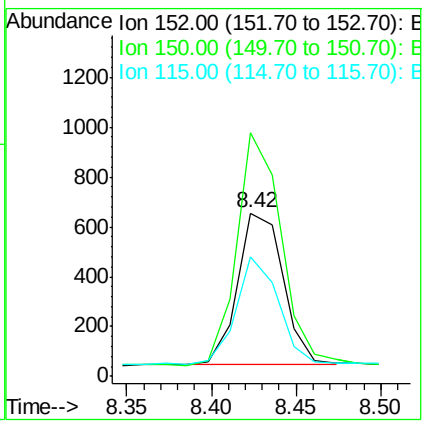


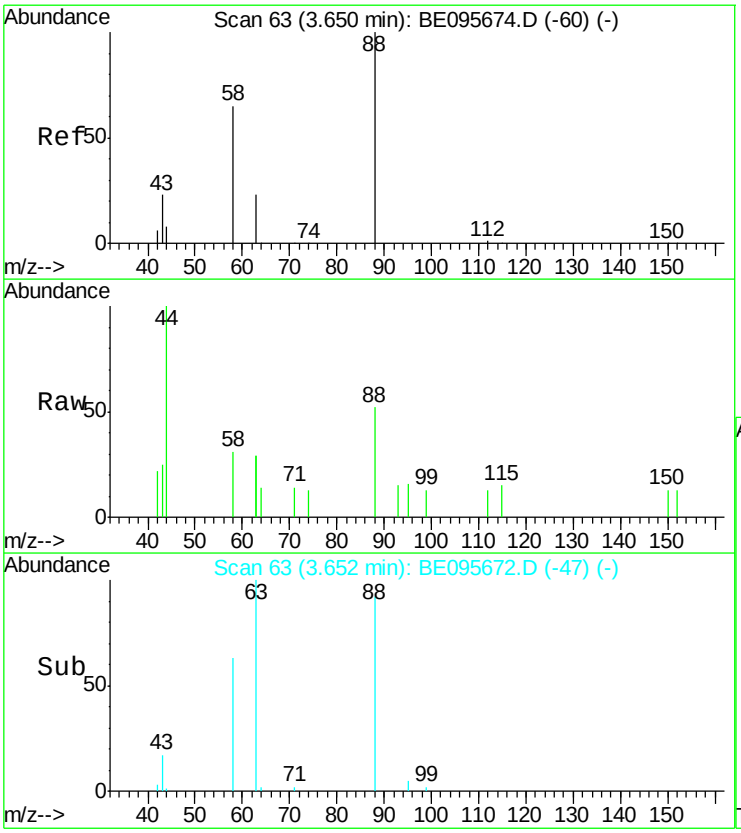

#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 8.42 min Scan# 442
Delta R.T. -0.01 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.1

Tgt Ion:152 Resp: 1139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 149.2 | 117.2 | 175.8 |
| 115 | 73.4 | 57.0 | 85.6 |

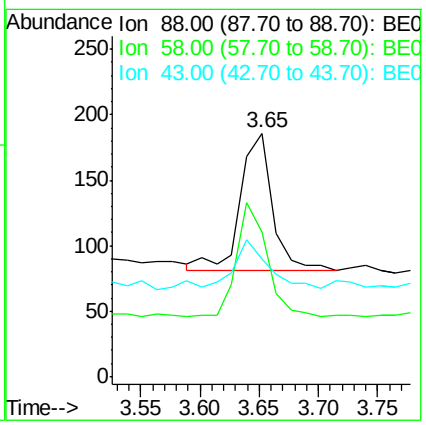


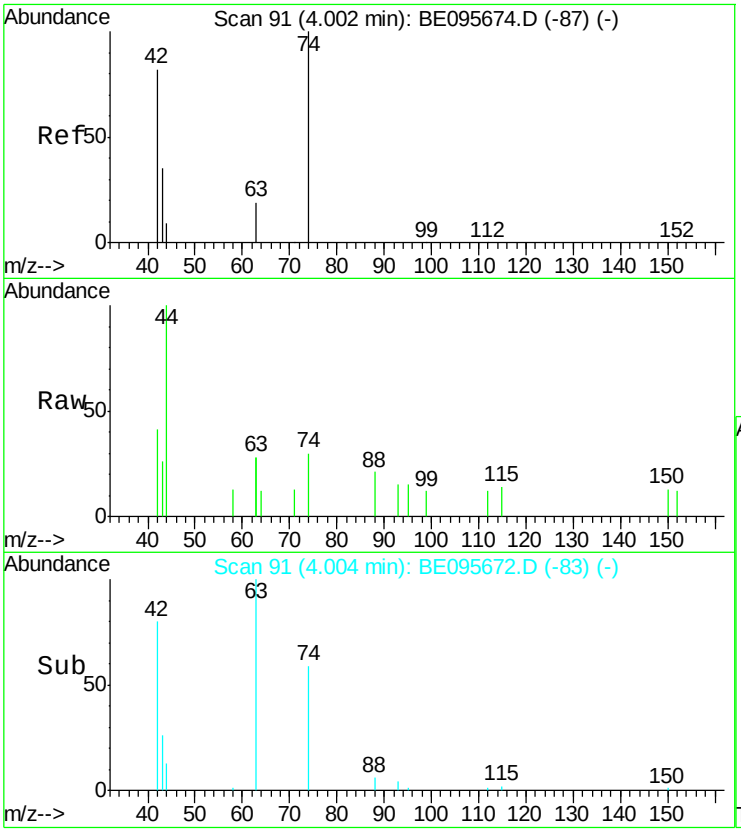




#2
1,4-Dioxane
Concen: 0.11 ng
RT: 3.65 min Scan# 63
Delta R.T. 0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion: 88 Resp: 199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 76.9 | 63.2 | 94.8 |
| 43 | 44.2 | 41.2 | 61.8 |



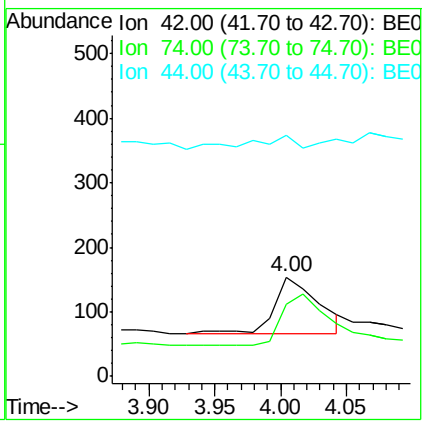


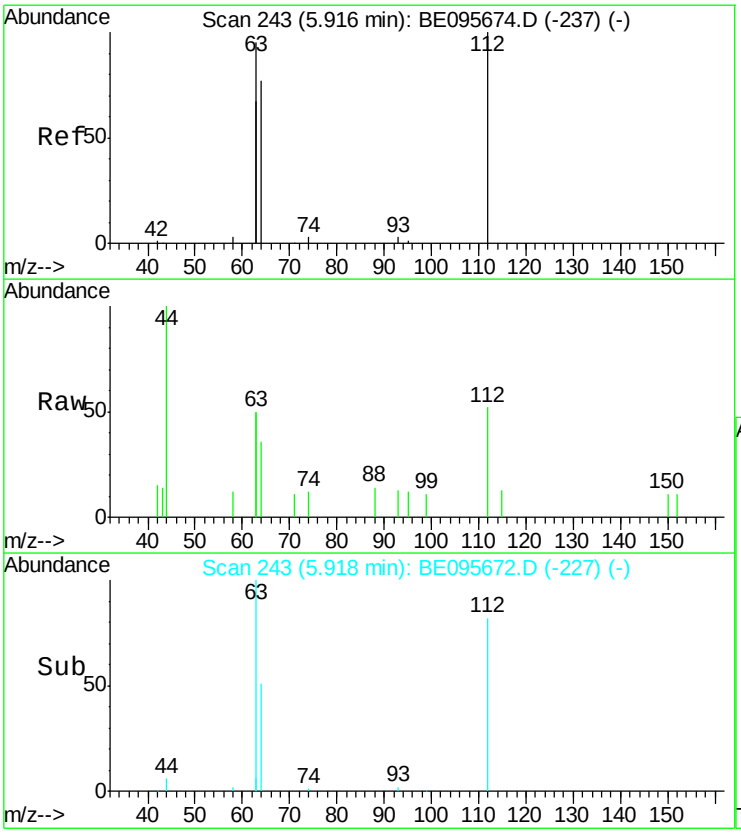

#3
n-Nitrosodimethylamine
Concen: 0.08 ng
RT: 4.00 min Scan# 91
Delta R.T. 0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.1

Tgt Ion: 42 Resp: 199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 92.5 | 96.0 | 144.0# |
| 44 | 27.1 | 12.0 | 18.0# |

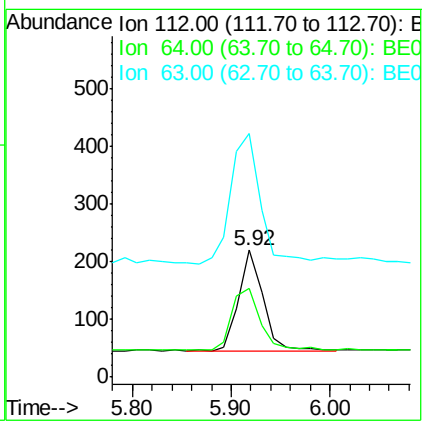


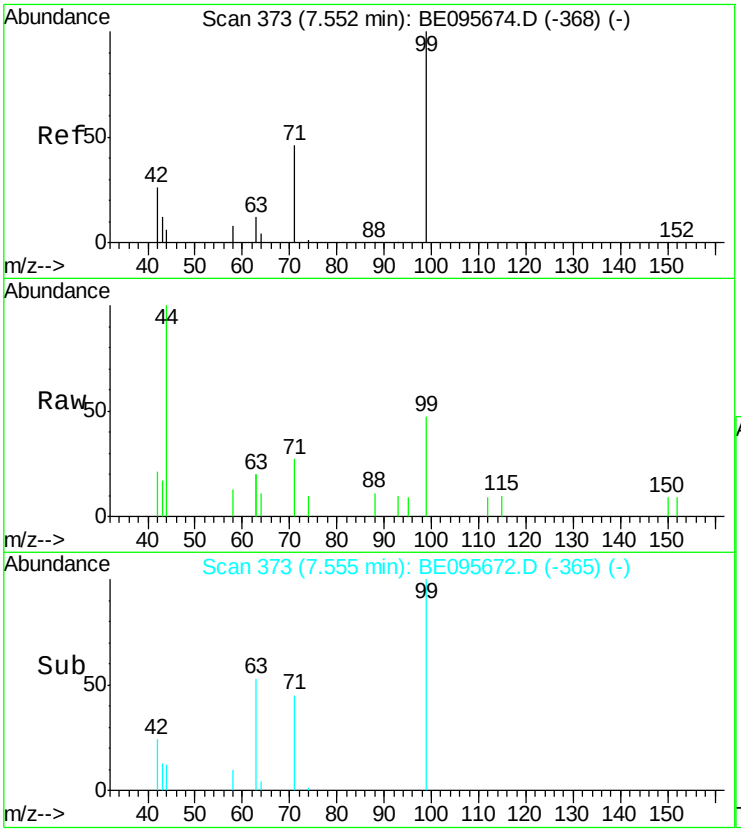




#4
2-Fluorophenol
Concen: 0.09 ng
RT: 5.92 min Scan# 243
Delta R.T. 0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion:112 Resp: 301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 73.1 | 60.1 | 90.1 |
| 63 | 154.5 | 116.8 | 175.2 |



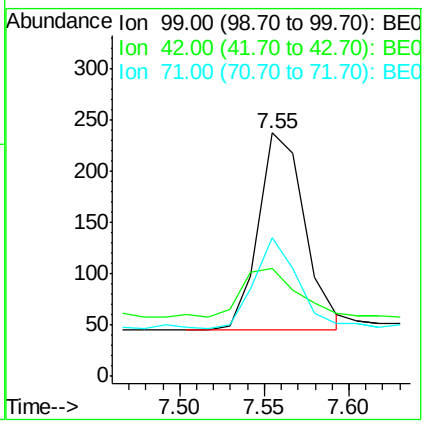


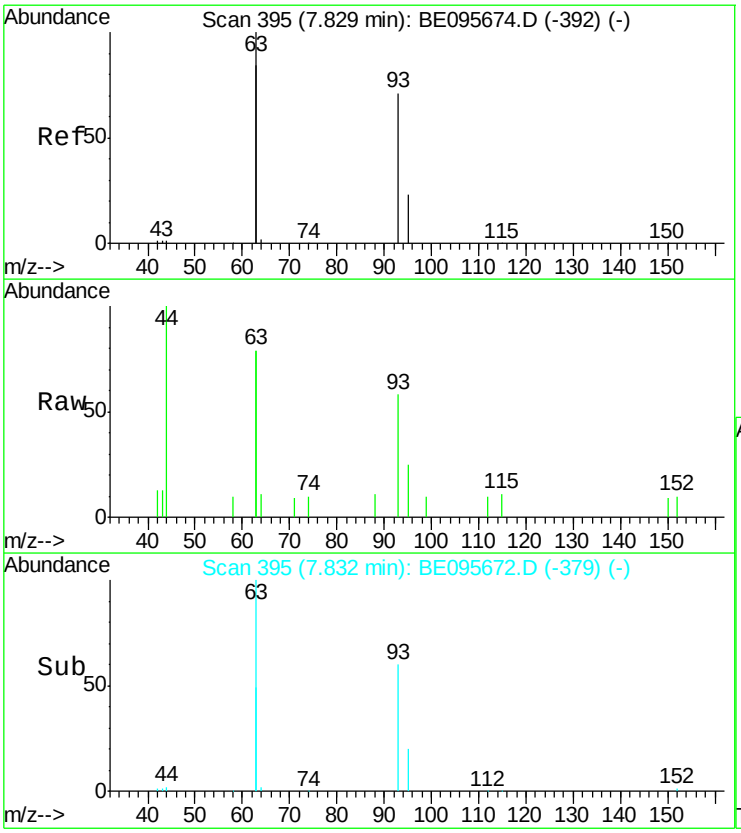

#5
Phenol-d6
Concen: 0.08 ng
RT: 7.55 min Scan# 373
Delta R.T. 0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.1

Tgt Ion: 99 Resp: 369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 29.0 | 20.2 | 30.2 |
| 71 | 42.0 | 28.4 | 42.6 |

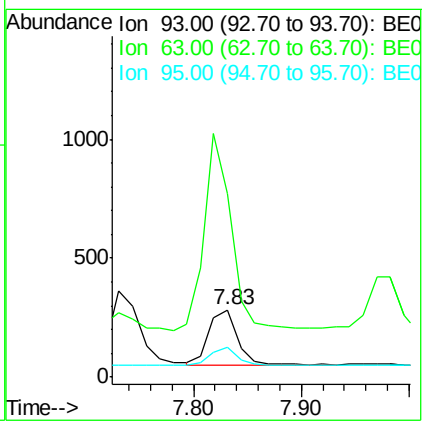


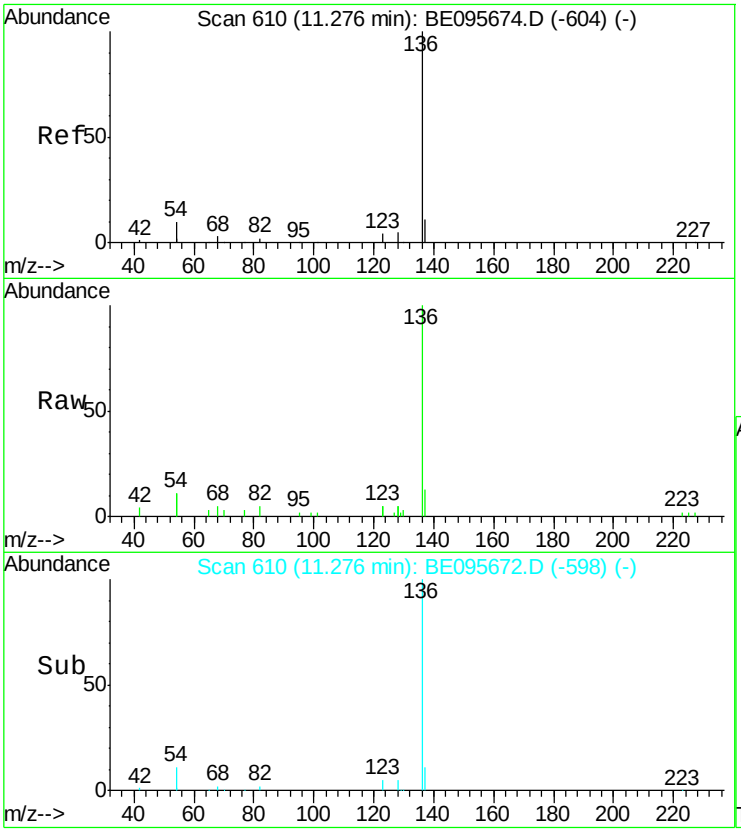




#6
bis(2-Chloroethyl)ether
Concen: 0.10 ng
RT: 7.83 min Scan# 395
Delta R.T. 0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion: 93 Resp: 430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 330.7 | 275.3 | 412.9 |
| 95 | 32.1 | 25.2 | 37.8 |



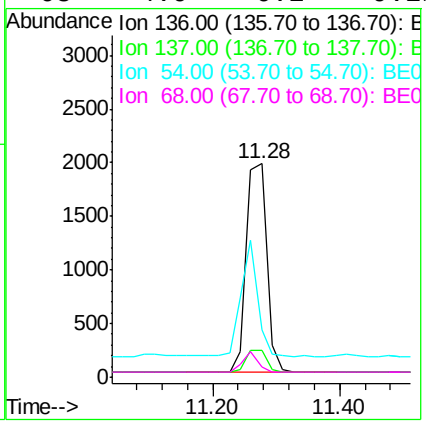


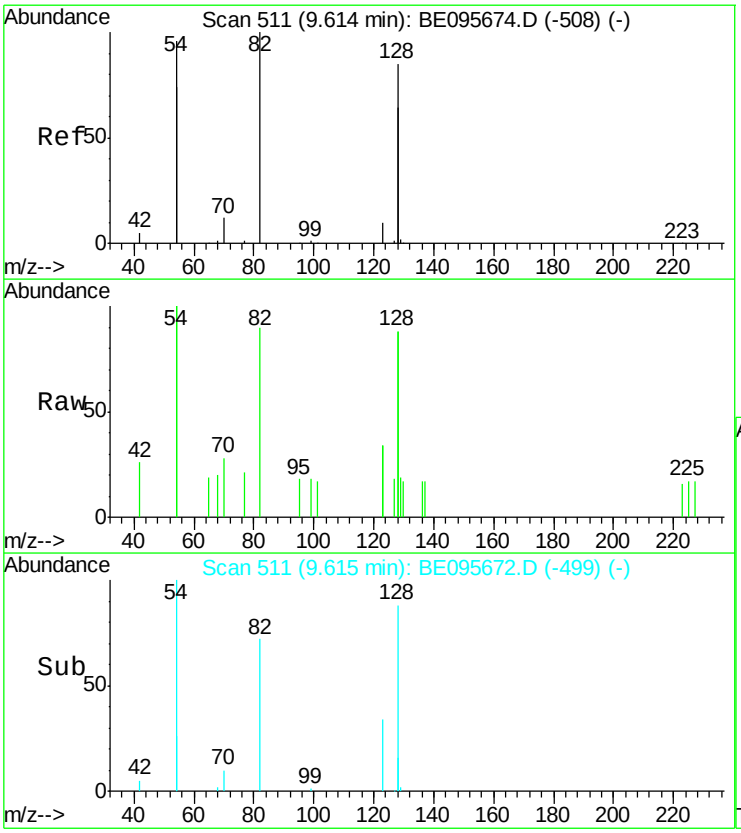

#7
Naphthalene-d8
Concen: 0.40 ng
RT: 11.28 min Scan# 610
Delta R.T. 0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.1

Tgt Ion:136 Resp: 4373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.8 | 9.5 | 14.3 |
| 54 | 22.2 | 29.1 | 43.7# |
| 68 | 4.9 | 6.2 | 9.2# |

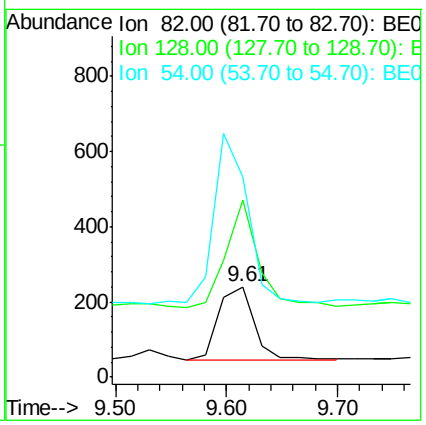


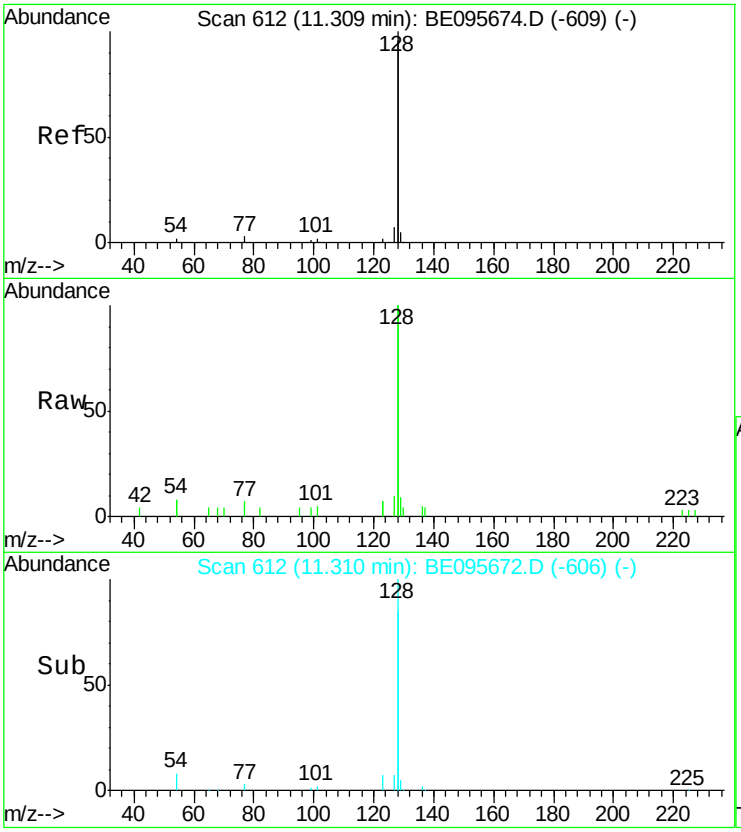




#8
Nitrobenzene-d5
Concen: 0.09 ng
RT: 9.61 min Scan# 511
Delta R.T. 0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion: 82 Resp: 426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 195.8 | 150.0 | 225.0 |
| 54 | 222.5 | 154.2 | 231.4 |



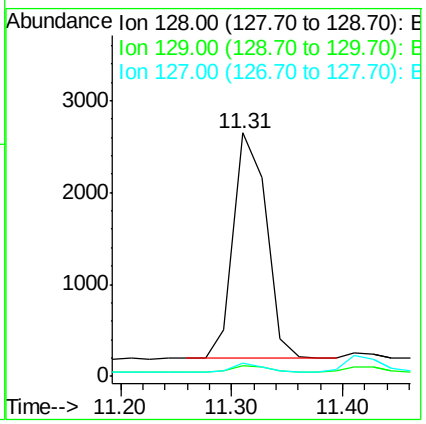


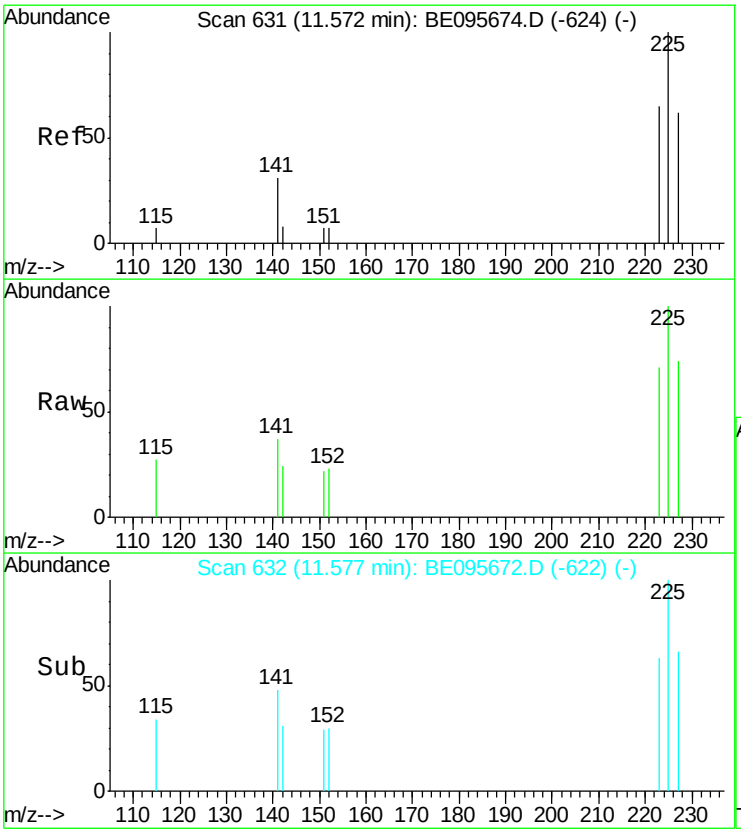

#9
Naphthalene
Concen: 0.10 ng
RT: 11.31 min Scan# 612
Delta R.T. 0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.1

Tgt Ion:128 Resp: 5032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 4.3 | 2.6 | 3.8# |
| 127 | 5.2 | 2.8 | 4.2# |

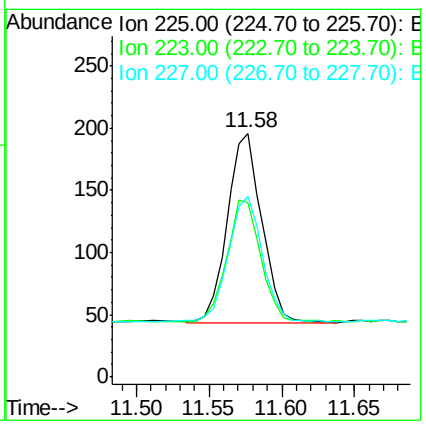


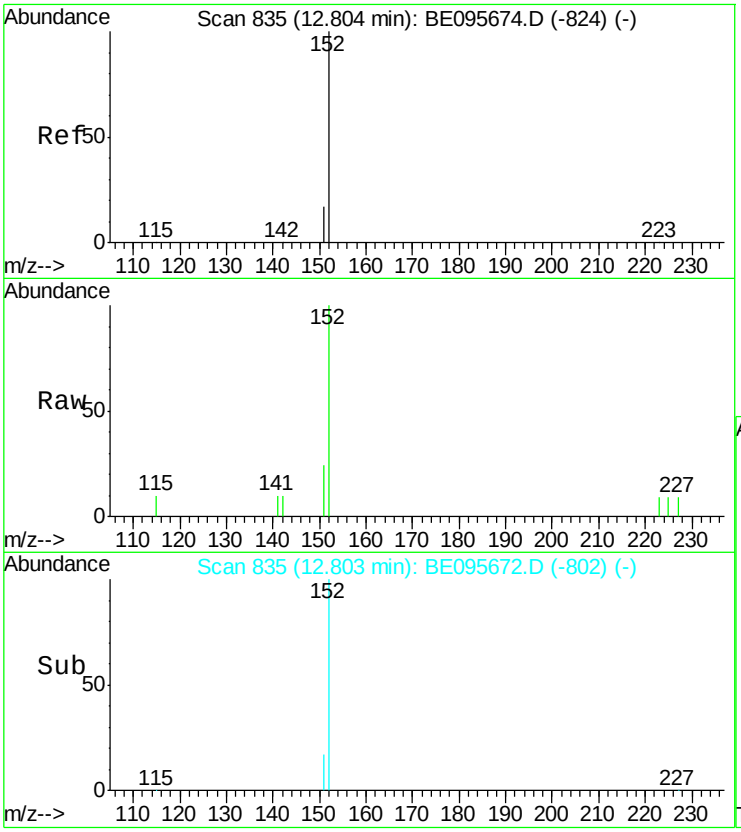




#10
Hexachlorobutadiene
Concen: 0.09 ng
RT: 11.58 min Scan# 632
Delta R.T. 0.01 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion:225 Resp: 256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.3 | 53.0 | 79.6 |
| 227 | 75.4 | 51.4 | 77.2 |



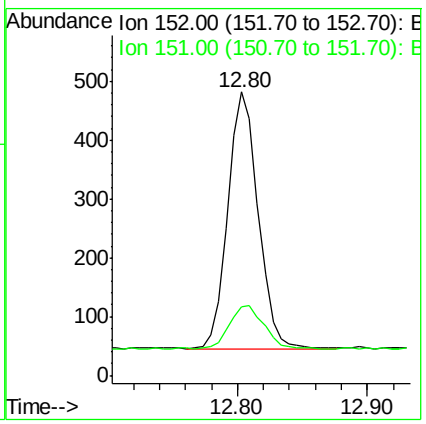


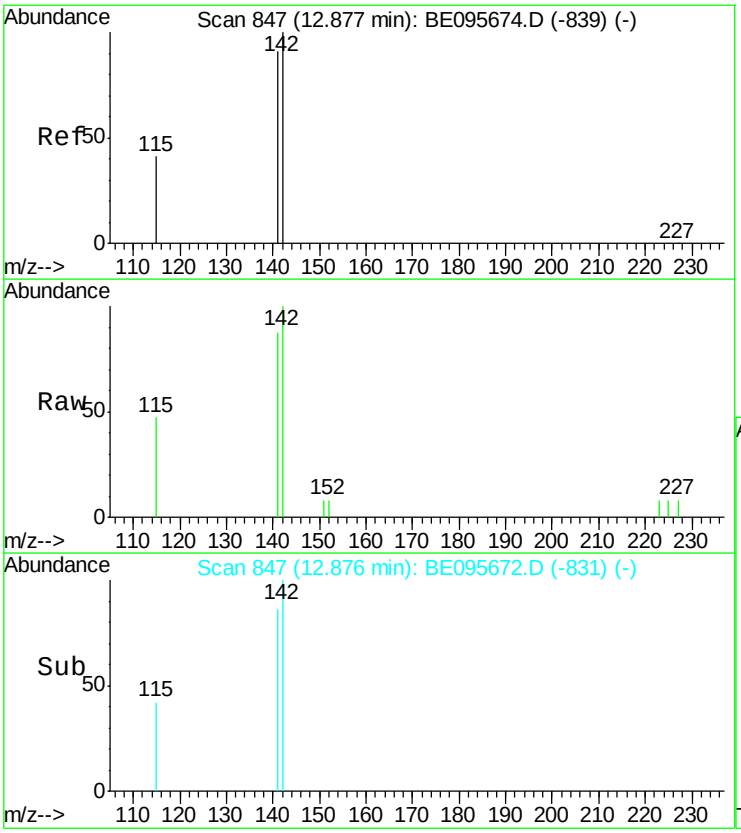

#11
2-Methylnaphthalene-d10
Concen: 0.10 ng
RT: 12.80 min Scan# 835
Delta R.T. -0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.1

Tgt Ion:152 Resp: 715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.4 | 15.4 | 23.0 |

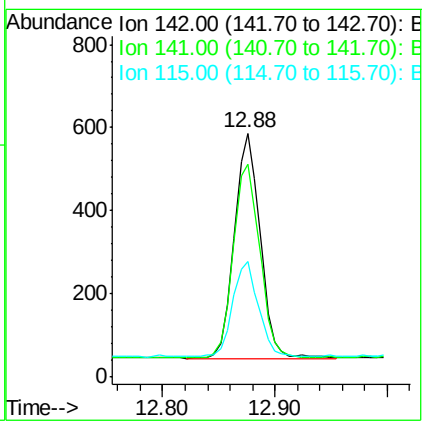


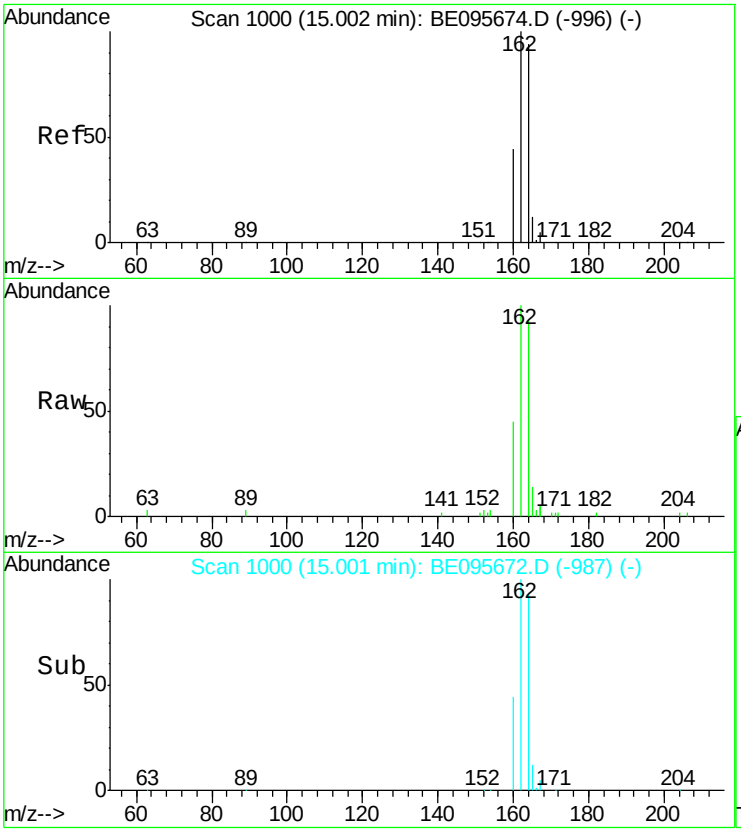




#12
2-Methylnaphthalene
Concen: 0.10 ng
RT: 12.88 min Scan# 847
Delta R.T. -0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion:142 Resp: 861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.2 | 70.4 | 105.6 |
| 115 | 47.4 | 31.7 | 47.5 |



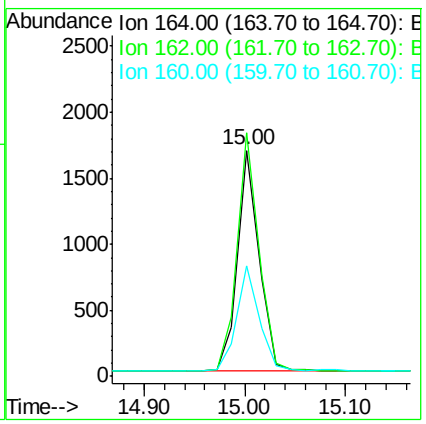


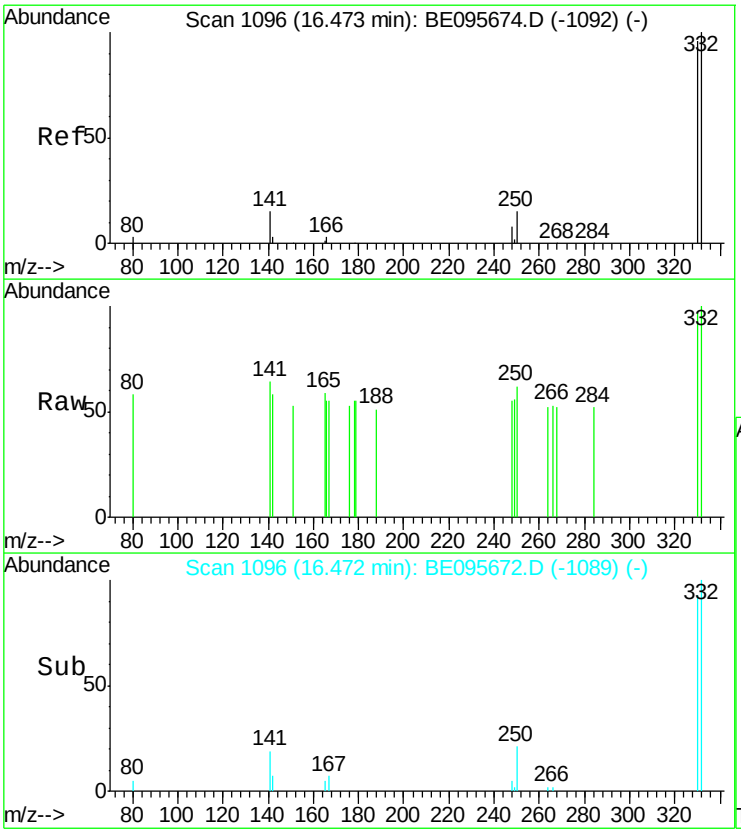

#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 15.00 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.1

Tgt Ion:164 Resp: 2436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 107.8 | 83.1 | 124.7 |
| 160 | 49.1 | 37.1 | 55.7 |

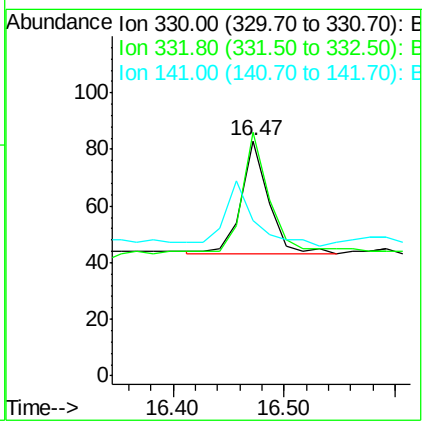


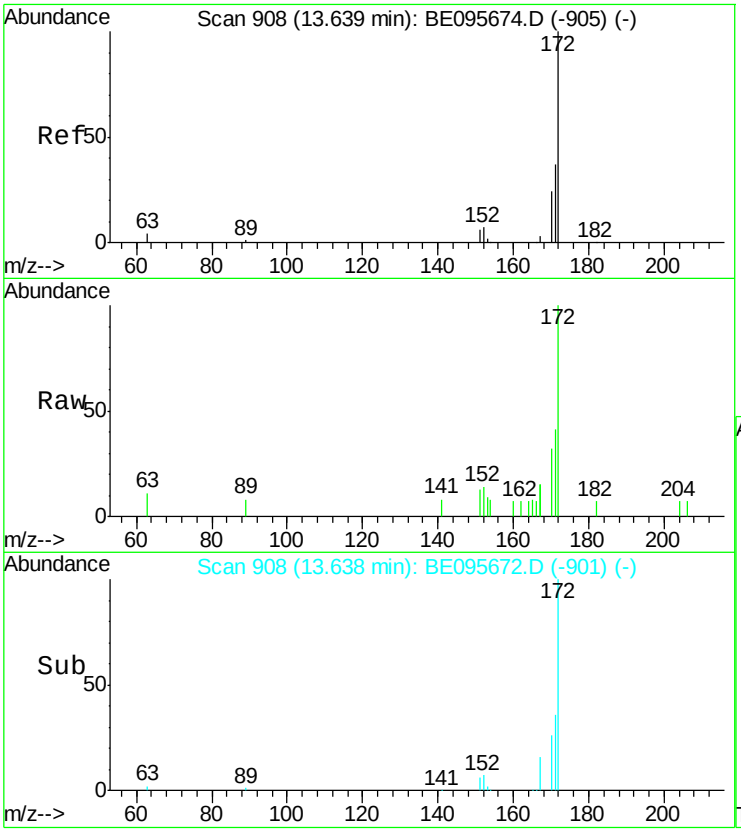




#14
2,4,6-Tribromophenol
Concen: 0.06 ng
RT: 16.47 min Scan# 1096
Delta R.T. -0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion:330 Resp: 70

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.6 | 152.7 | 229.1# |
| 141 | 60.0 | 33.7 | 50.5# |



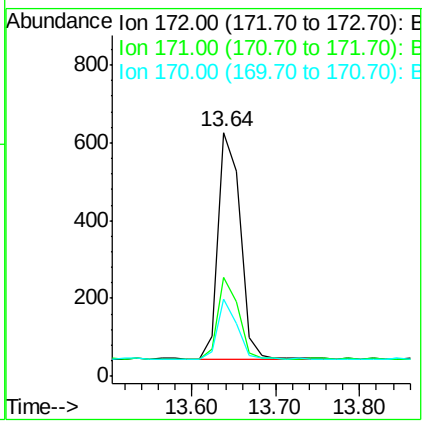


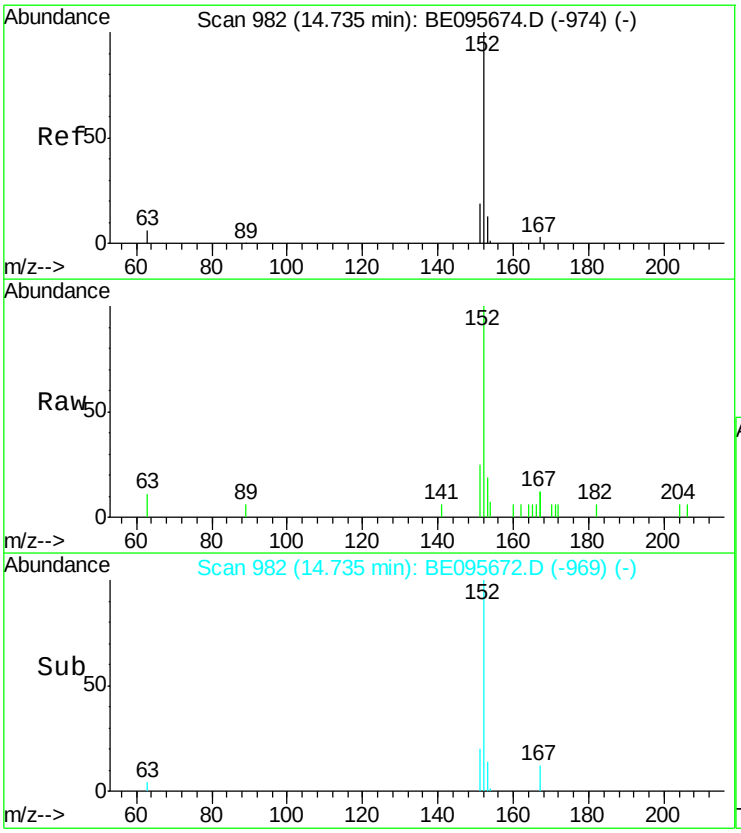

#15
2-Fluorobiphenyl
Concen: 0.10 ng
RT: 13.64 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.1

Tgt Ion:172 Resp: 1060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 40.6 | 29.9 | 44.9 |
| 170 | 31.8 | 21.8 | 32.8 |

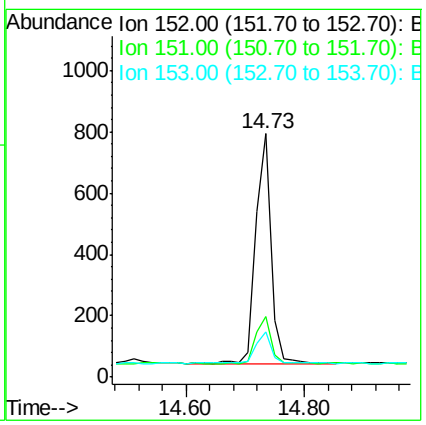


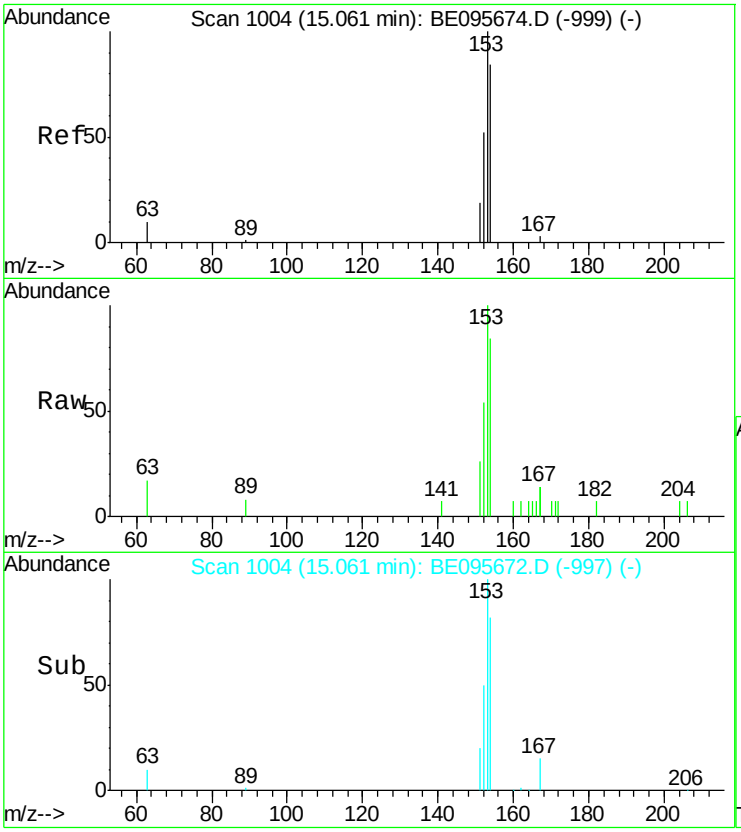




#16
Acenaphthylene
Concen: 0.09 ng
RT: 14.73 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion:152 Resp: 1315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.9 | 15.7 | 23.5 |
| 153 | 14.1 | 10.5 | 15.7 |



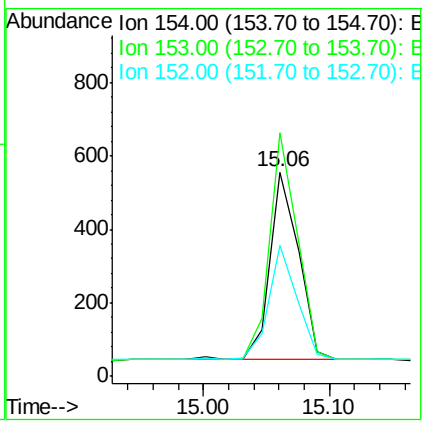


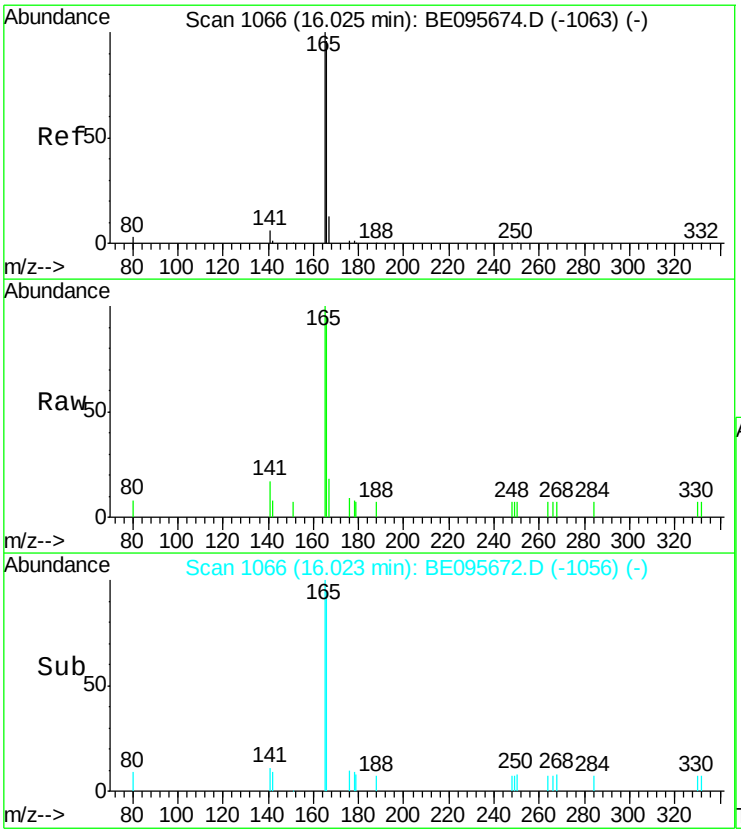

#17
Acenaphthene
Concen: 0.09 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.1

Tgt Ion:154 Resp: 807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 118.6 | 89.2 | 133.8 |
| 152 | 60.3 | 42.0 | 63.0 |

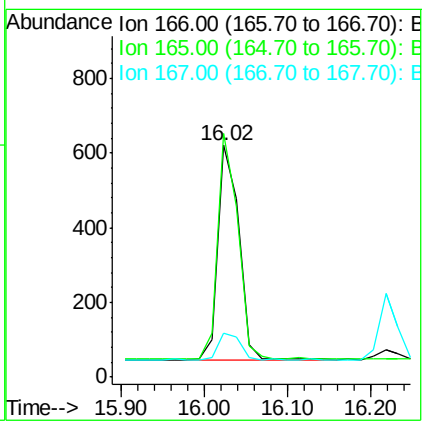


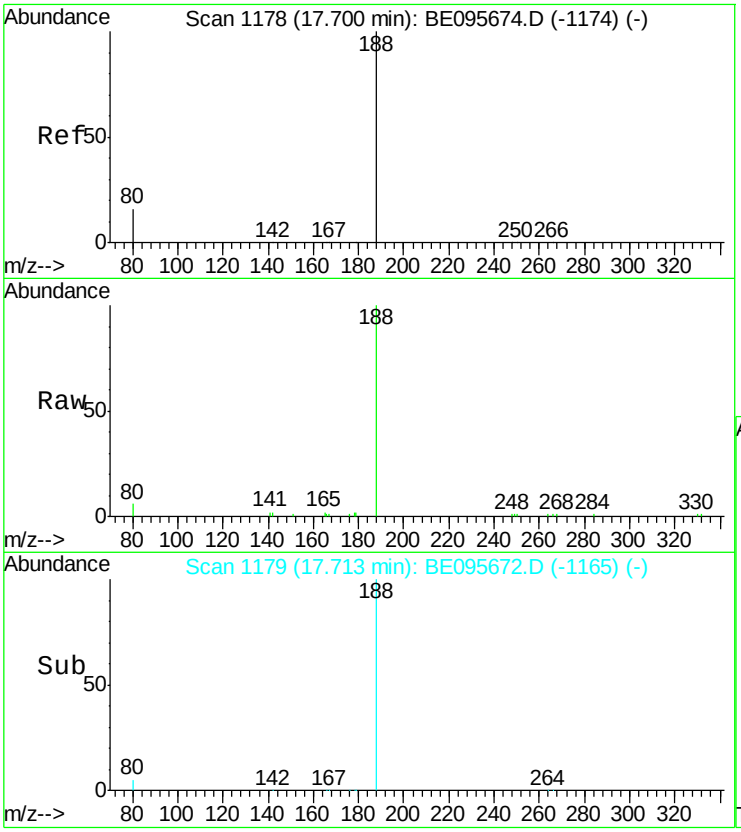




#18
Fluorene
Concen: 0.09 ng
RT: 16.02 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion:166 Resp: 1018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.8 | 77.8 | 116.6 |
| 167 | 14.0 | 42.4 | 63.6# |



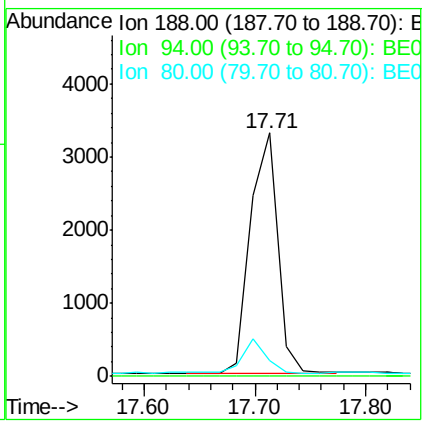


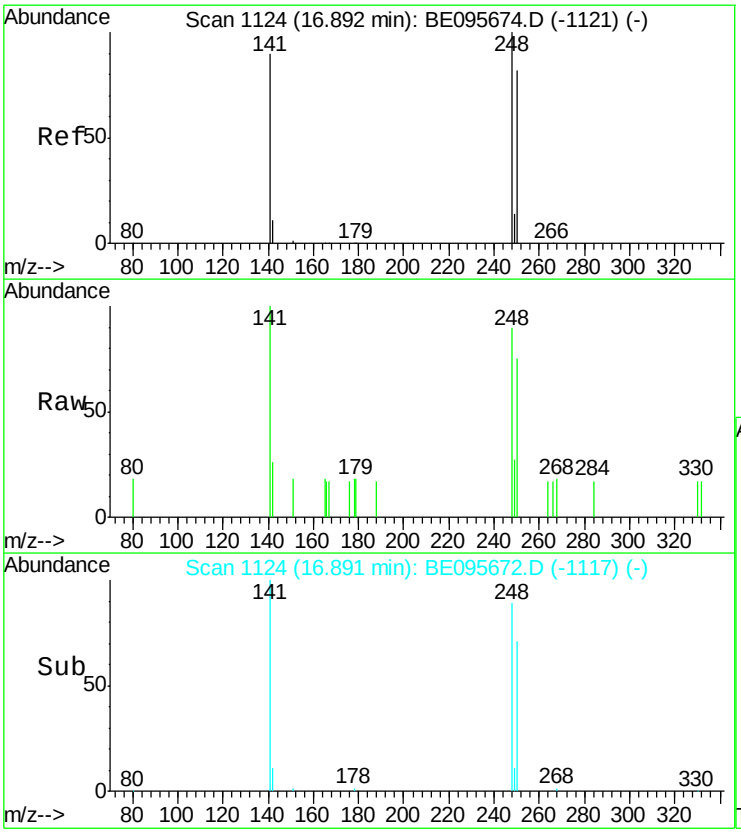

#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.71 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.1

Tgt Ion:188 Resp: 5613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 3.9 | 5.9# |
| 80 | 6.4 | 3.6 | 5.4# |

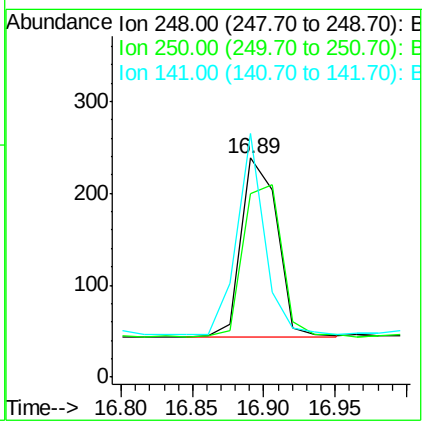


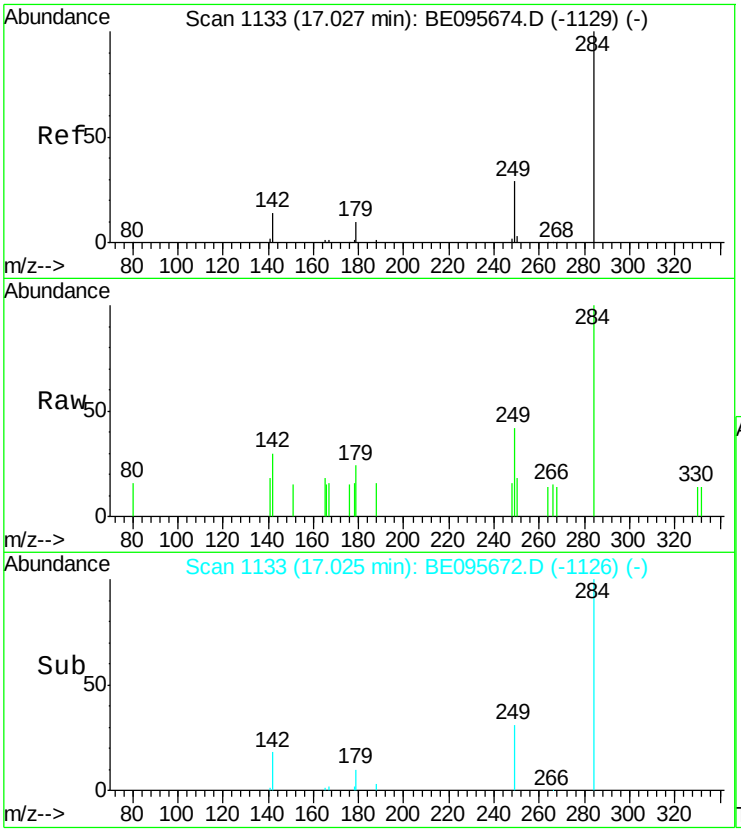




#20
4-Bromophenyl-phenylether
Concen: 0.10 ng
RT: 16.89 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion:248 Resp: 341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 84.0 | 62.7 | 94.1 |
| 141 | 111.3 | 48.2 | 72.2# |



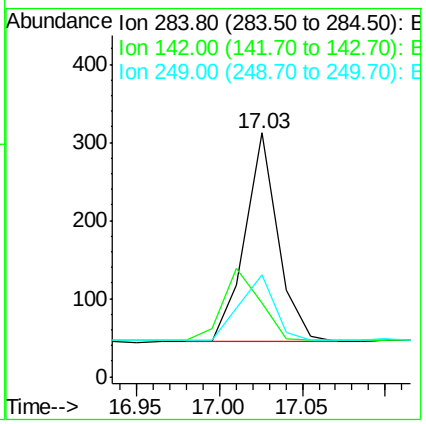


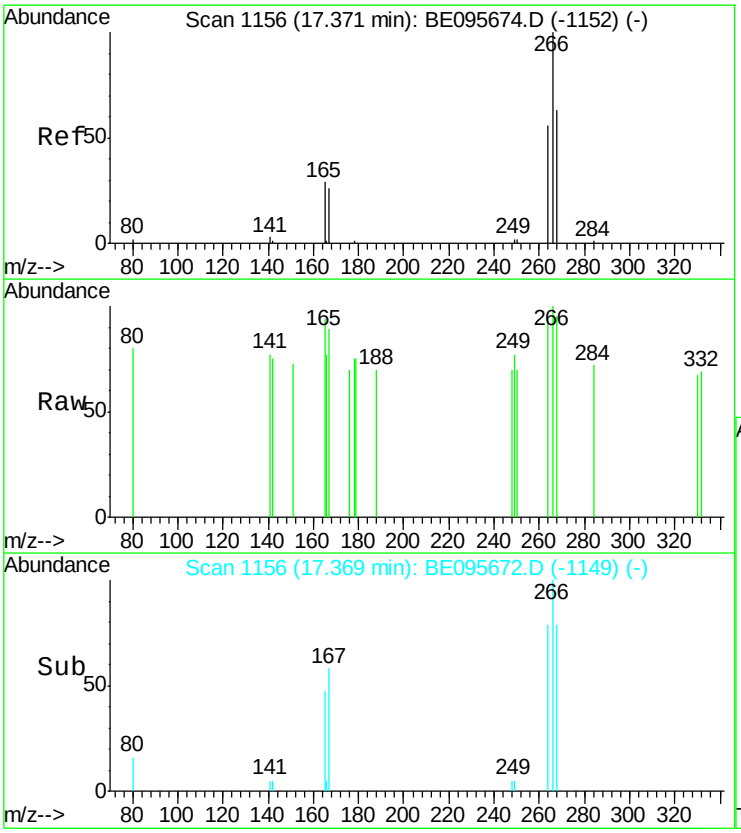

#21
Hexachlorobenzene
Concen: 0.11 ng
RT: 17.03 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.1

Tgt Ion:284 Resp: 370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 38.9 | 22.1 | 33.1# |
| 249 | 33.8 | 34.8 | 52.2# |

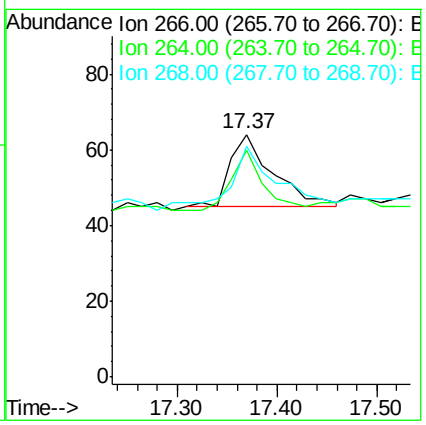


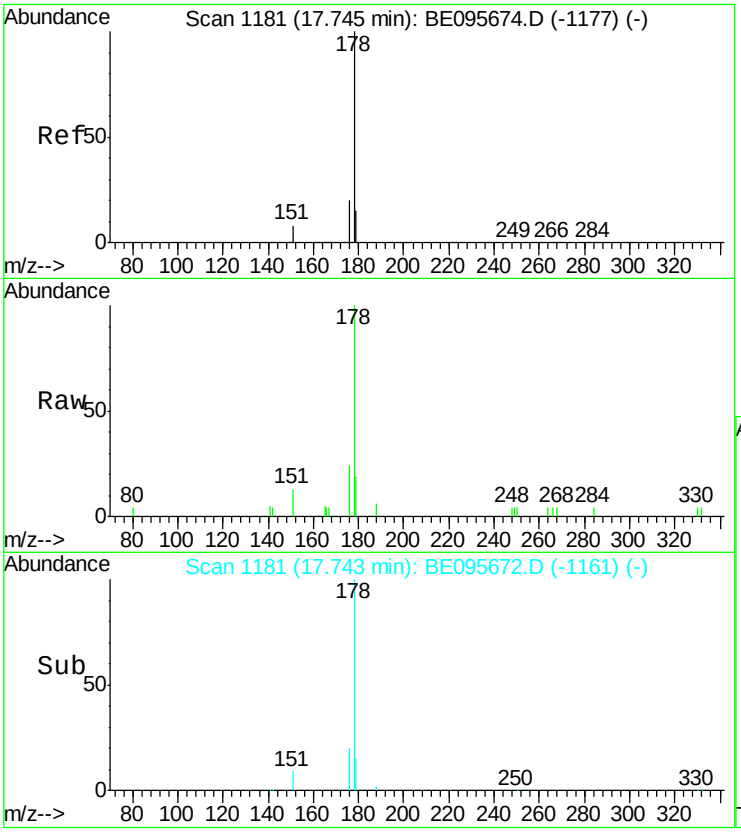




#22
Pentachlorophenol
Concen: 0.06 ng
RT: 17.37 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion:266 Resp: 57

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 93.8 | 72.5 | 108.7 |
| 268 | 95.3 | 73.8 | 110.6 |



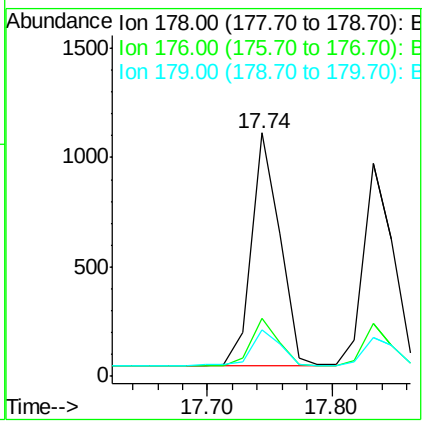


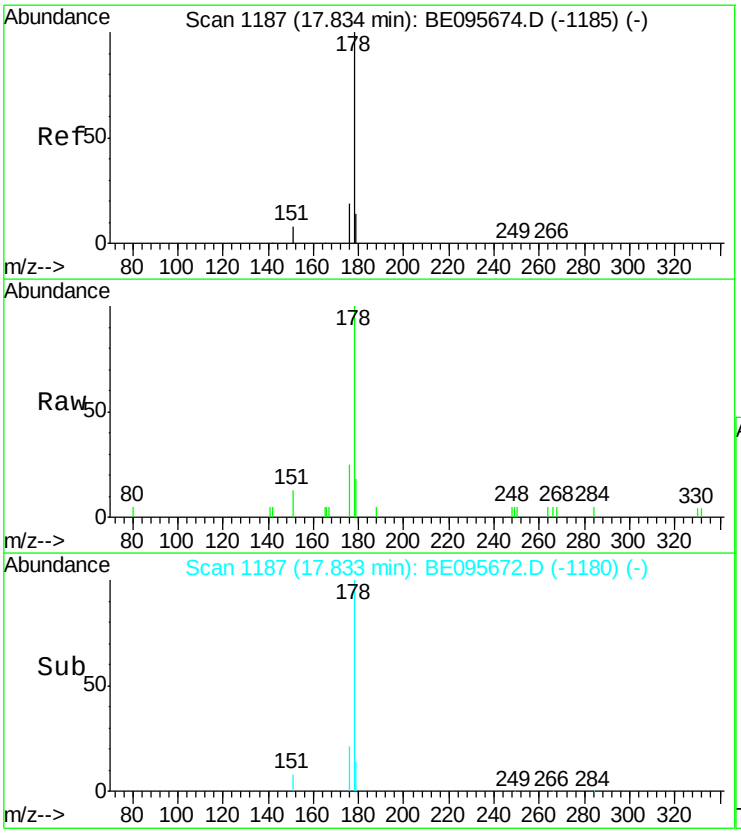

#23
Phenanthrene
Concen: 0.10 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.1

Tgt Ion:178 Resp: 1679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.0 | 15.1 | 22.7 |
| 179 | 15.2 | 11.8 | 17.6 |

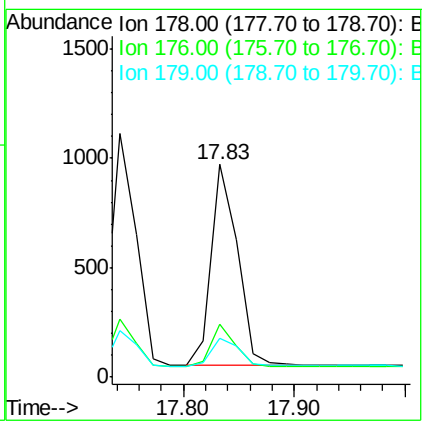


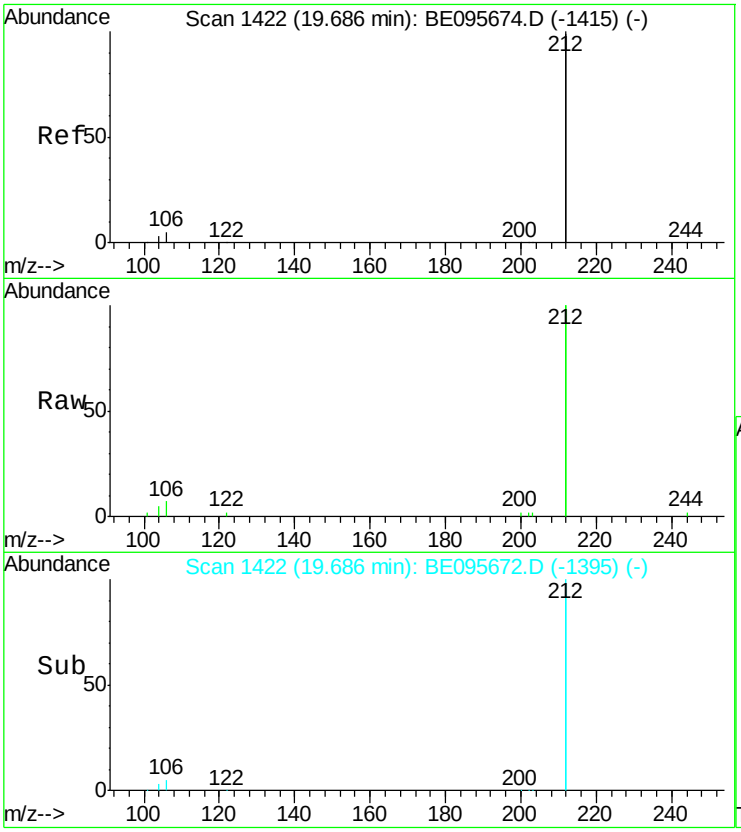




#24
Anthracene
Concen: 0.09 ng
RT: 17.83 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion:178 Resp: 1522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.0 | 12.8 | 19.2# |
| 179 | 16.0 | 13.0 | 19.6 |



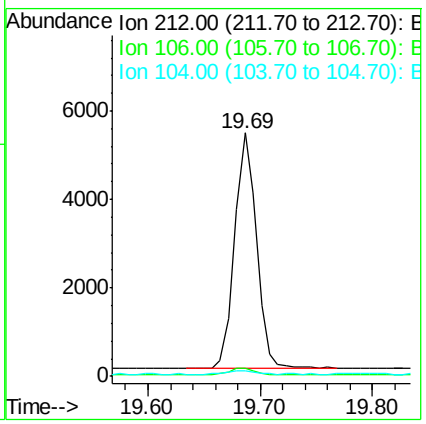


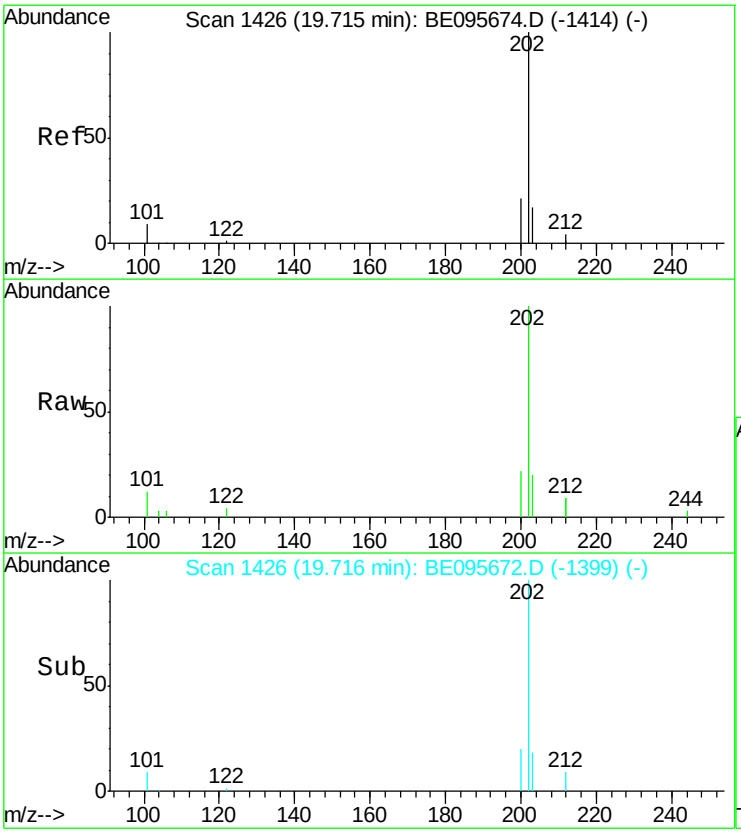

#25
Fluoranthene-d10
Concen: 0.10 ng
RT: 19.69 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.1

Tgt Ion:212 Resp: 7211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 3.0 | 2.8 | 4.2 |
| 104 | 1.6 | 1.6 | 2.4# |

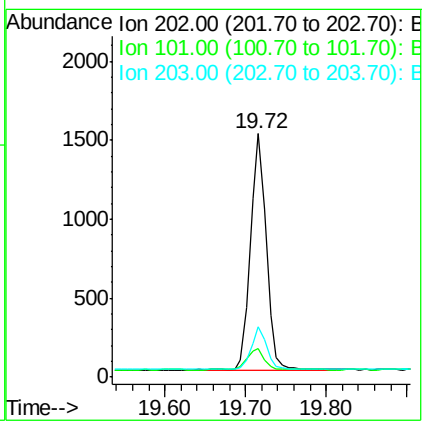


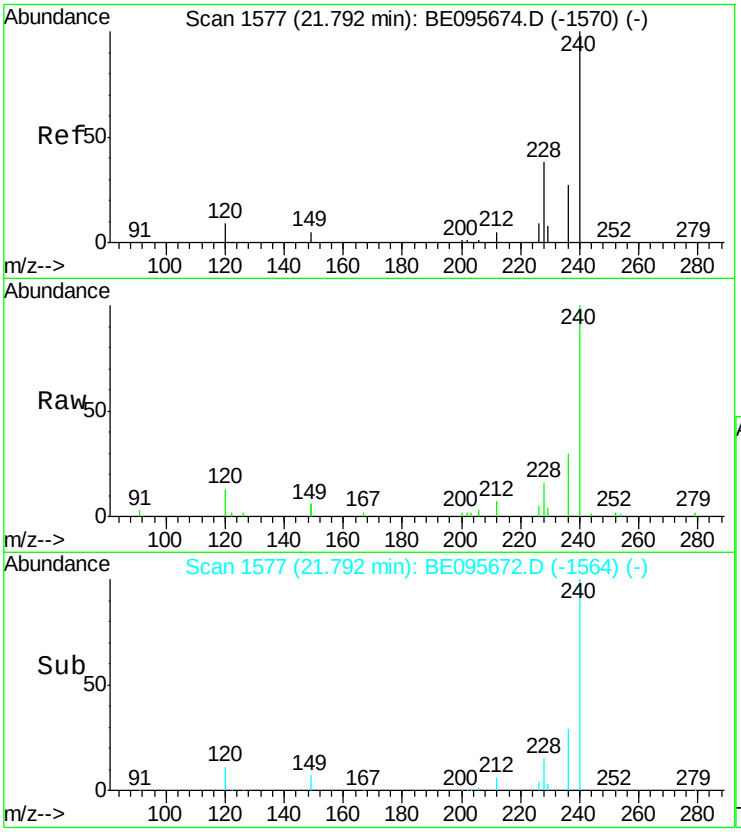




#26
Fluoranthene
Concen: 0.09 ng
RT: 19.72 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion:202 Resp: 2035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.0 | 9.8 | 14.8 |
| 203 | 17.1 | 13.7 | 20.5 |



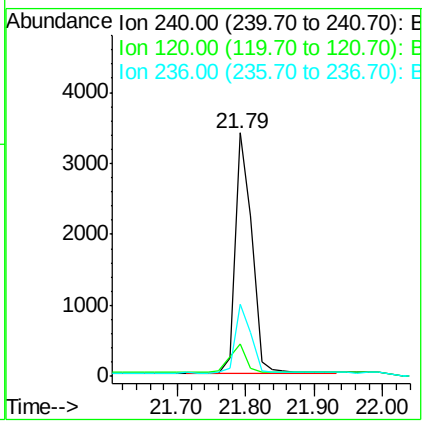


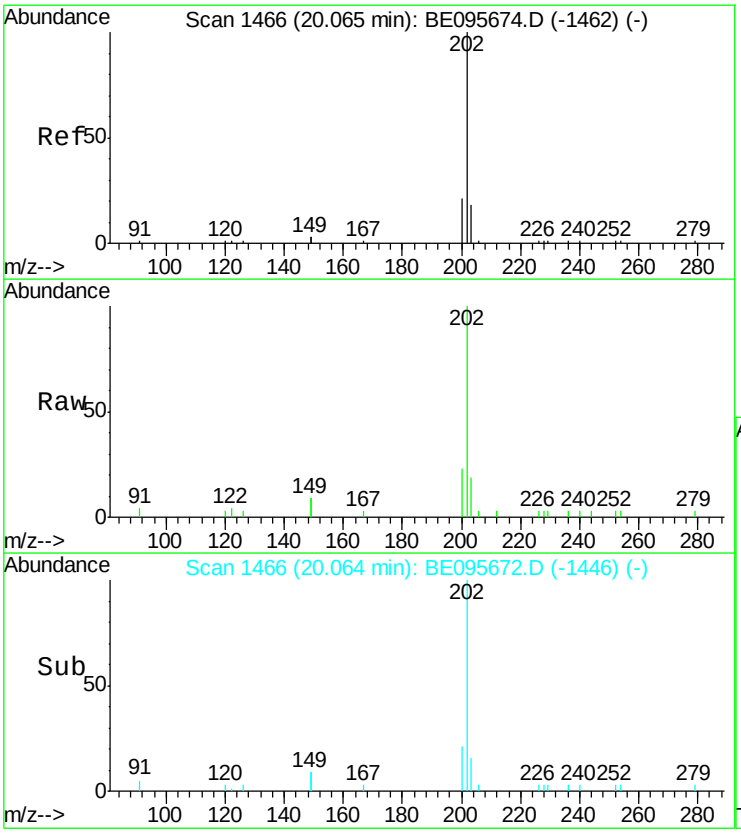

#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.79 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.1

Tgt Ion:240 Resp: 5712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.1 | 5.5 | 8.3# |
| 236 | 29.7 | 20.7 | 31.1 |

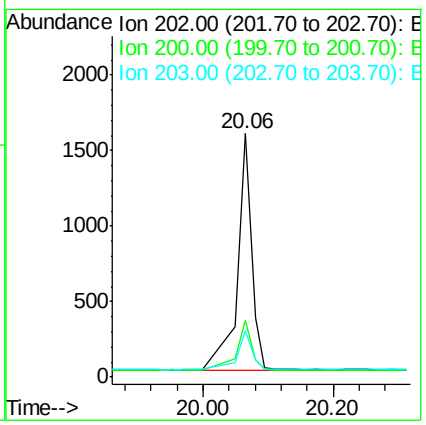


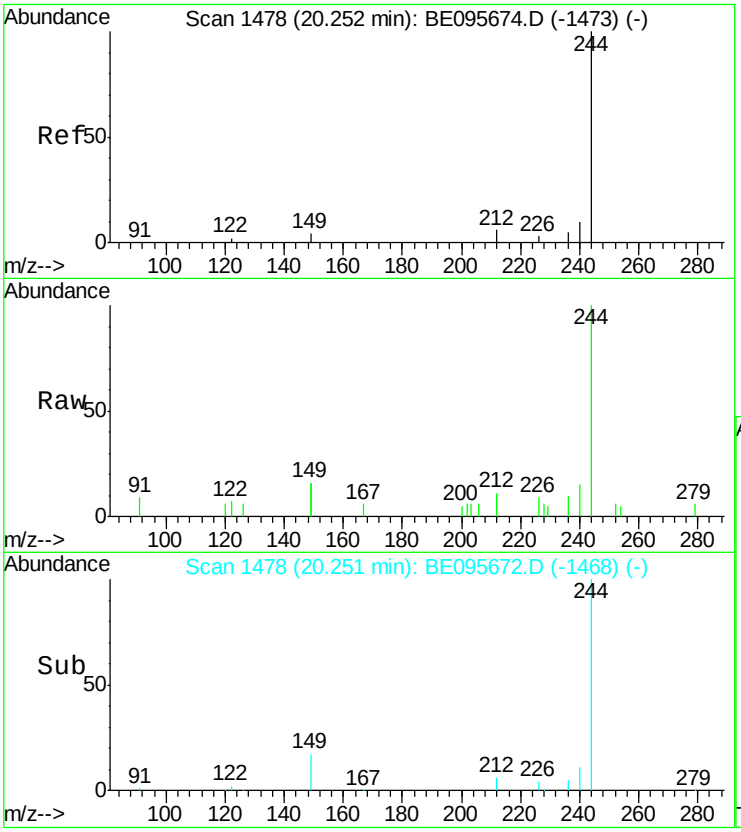




#28
Pyrene
Concen: 0.09 ng
RT: 20.06 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion:202 Resp: 2222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 23.1 | 16.6 | 25.0 |
| 203 | 19.4 | 13.8 | 20.8 |



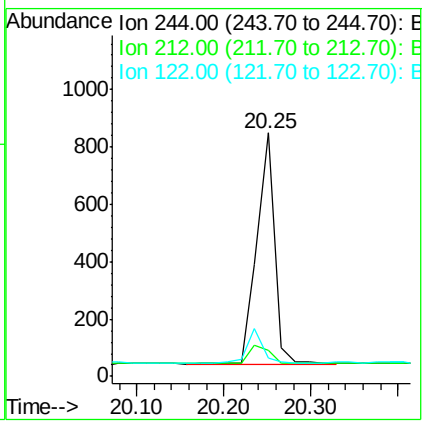


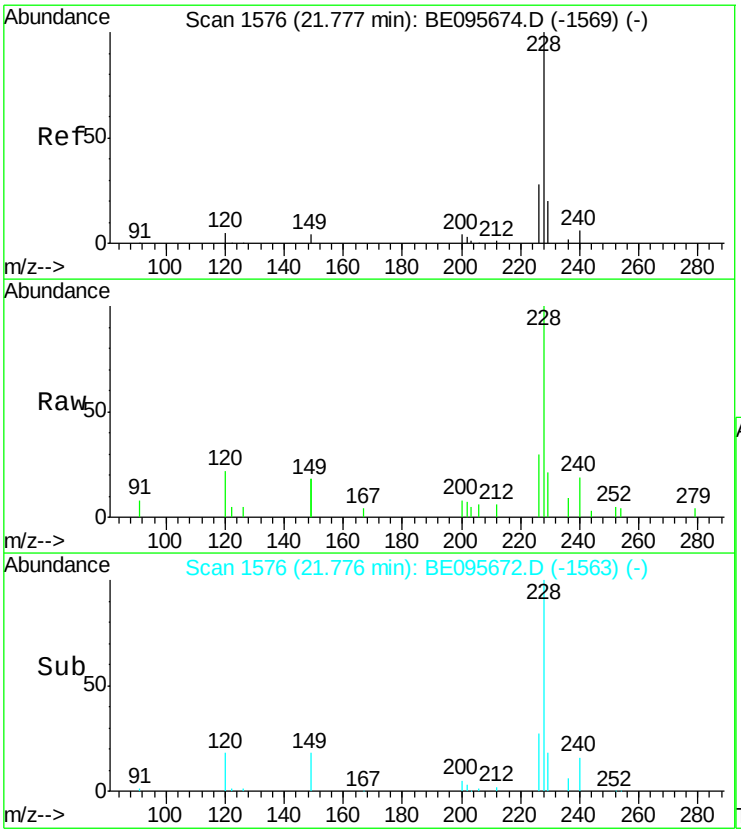

#29
Terphenyl-d14
Concen: 0.09 ng
RT: 20.25 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.1

Tgt Ion:244 Resp: 1150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 10.8 | 25.4 | 38.0# |
| 122 | 7.4 | 8.1 | 12.1# |

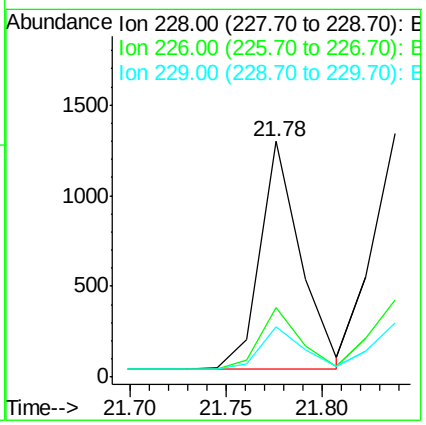


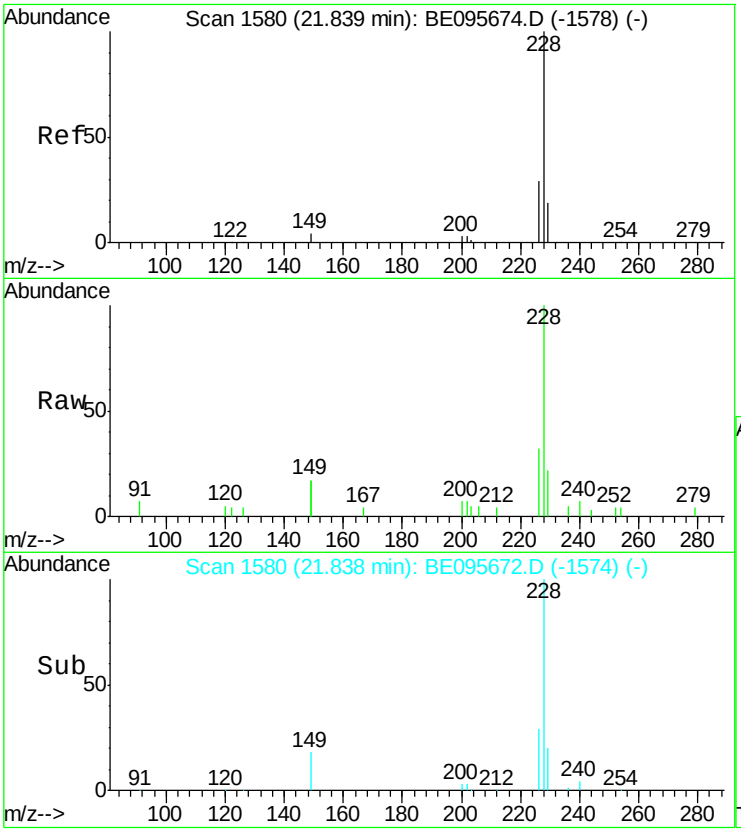




#30
Benzo(a)anthracene
Concen: 0.10 ng
RT: 21.78 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion:228 Resp: 1834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.7 | 24.0 | 36.0 |
| 229 | 21.3 | 16.0 | 24.0 |



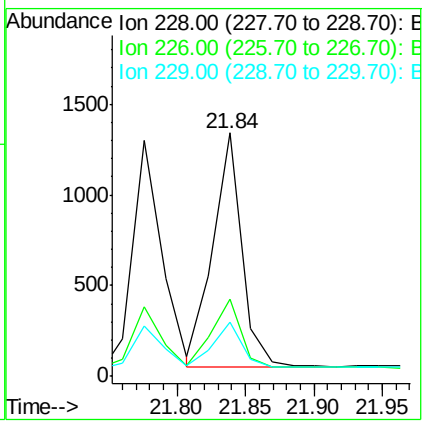


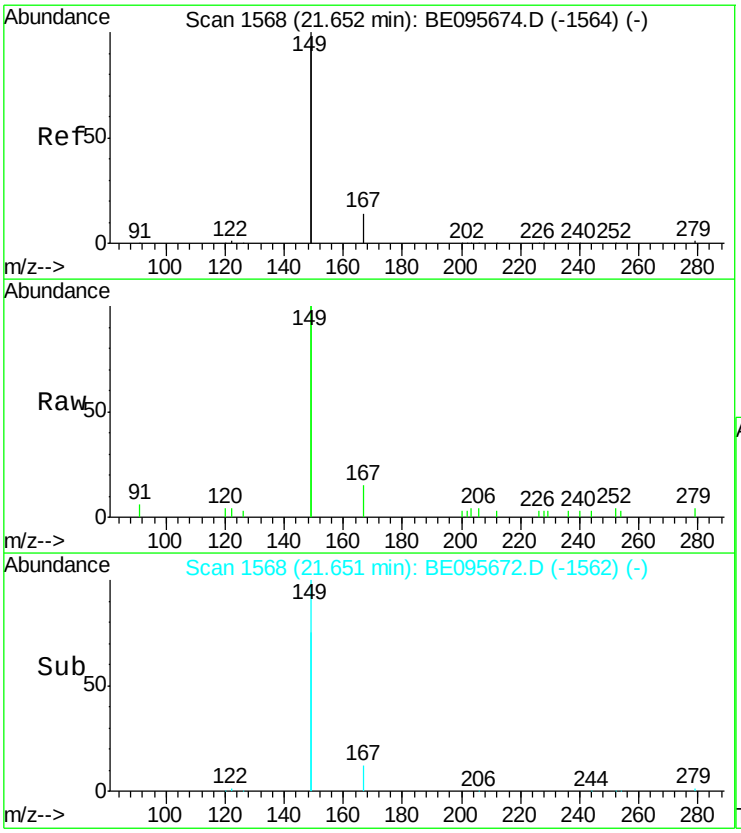

#31
Chrysene
Concen: 0.10 ng
RT: 21.84 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.1

Tgt Ion:228 Resp: 1896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.5 | 24.0 | 36.0 |
| 229 | 22.4 | 16.0 | 24.0 |

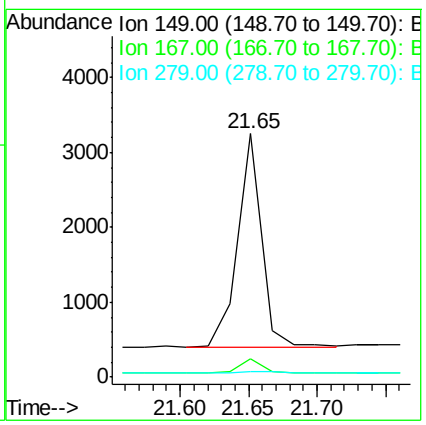


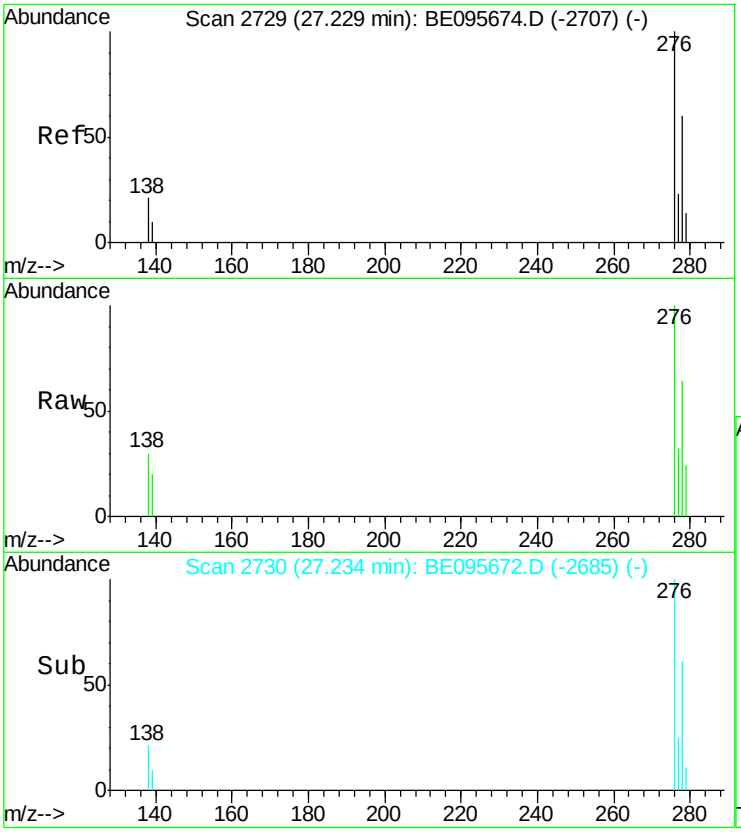




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.08 ng
RT: 21.65 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion:149 Resp: 3462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 6.7 | 5.4 | 8.0 |
| 279 | 1.0 | 0.7 | 1.1 |



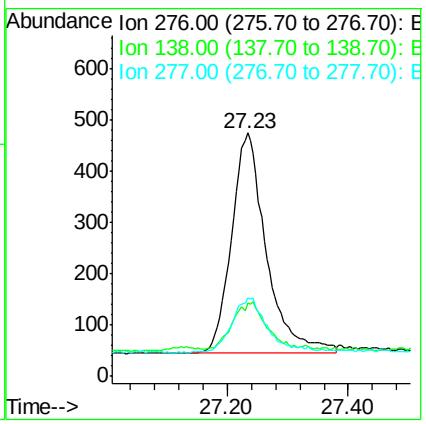


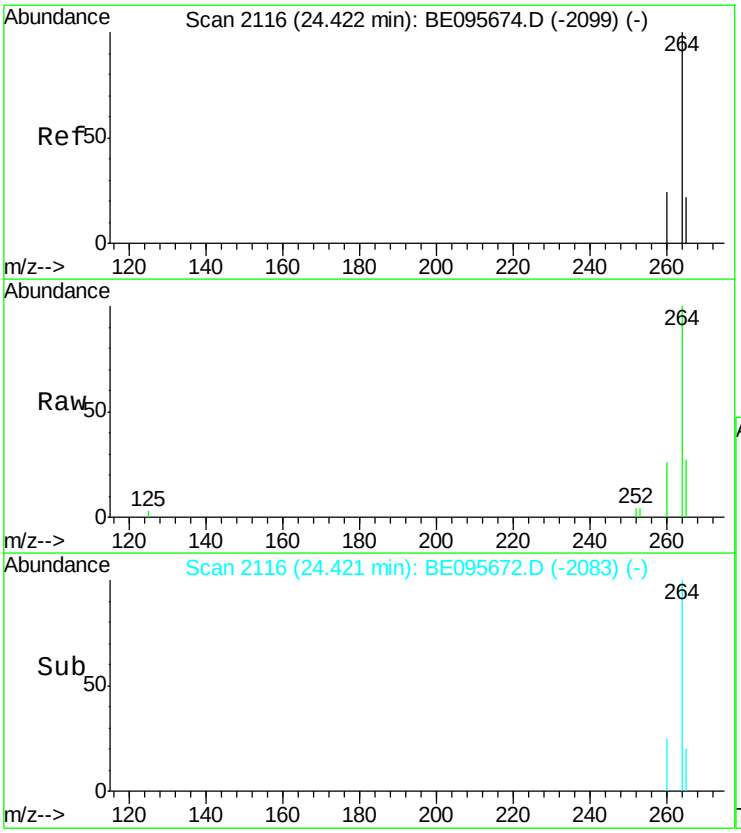

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.09 ng
RT: 27.23 min Scan# 2730
Delta R.T. 0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.1

Tgt Ion:276 Resp: 1718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 20.8 | 22.5 | 33.7# |
| 277 | 24.0 | 19.9 | 29.9 |

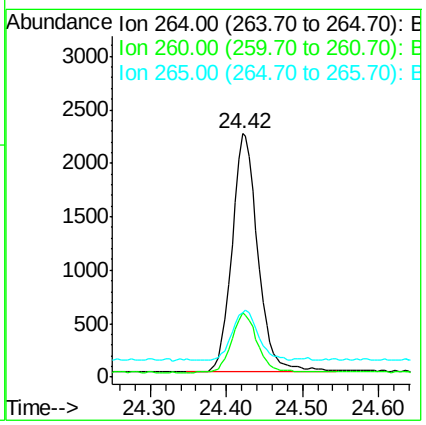


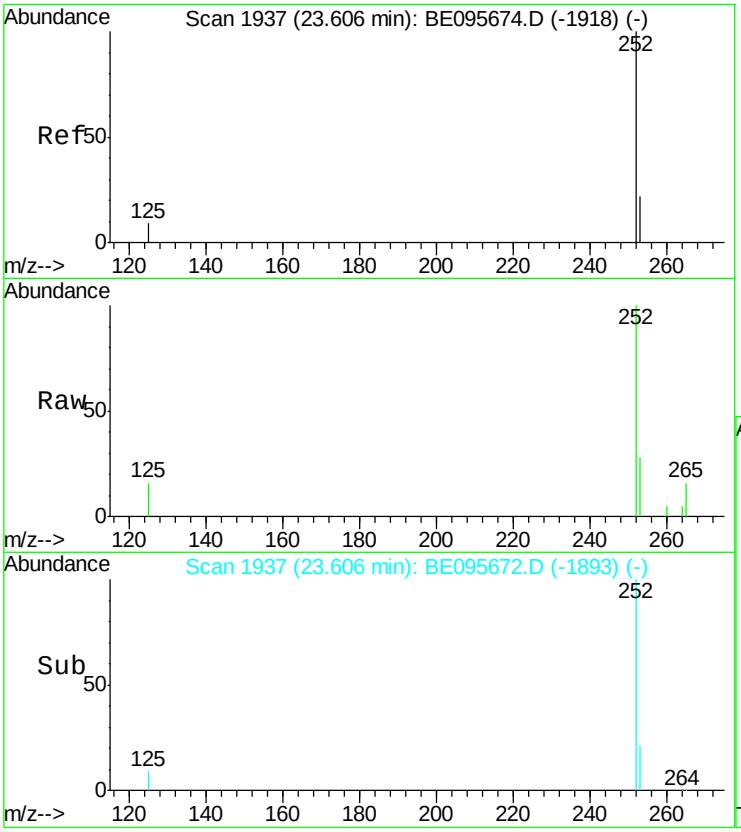




#34
Perylene-d12
Concen: 0.40 ng
RT: 24.42 min Scan# 2116
Delta R.T. -0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion:264 Resp: 5302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 26.4 | 20.5 | 30.7 |
| 265 | 26.7 | 22.8 | 34.2 |



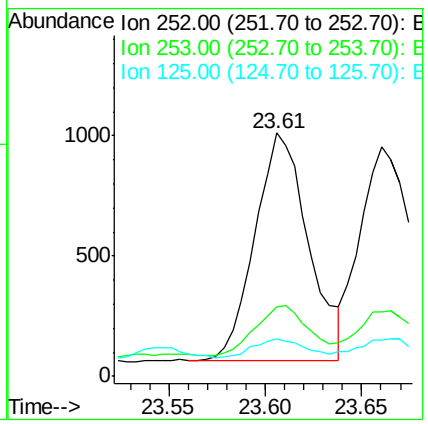


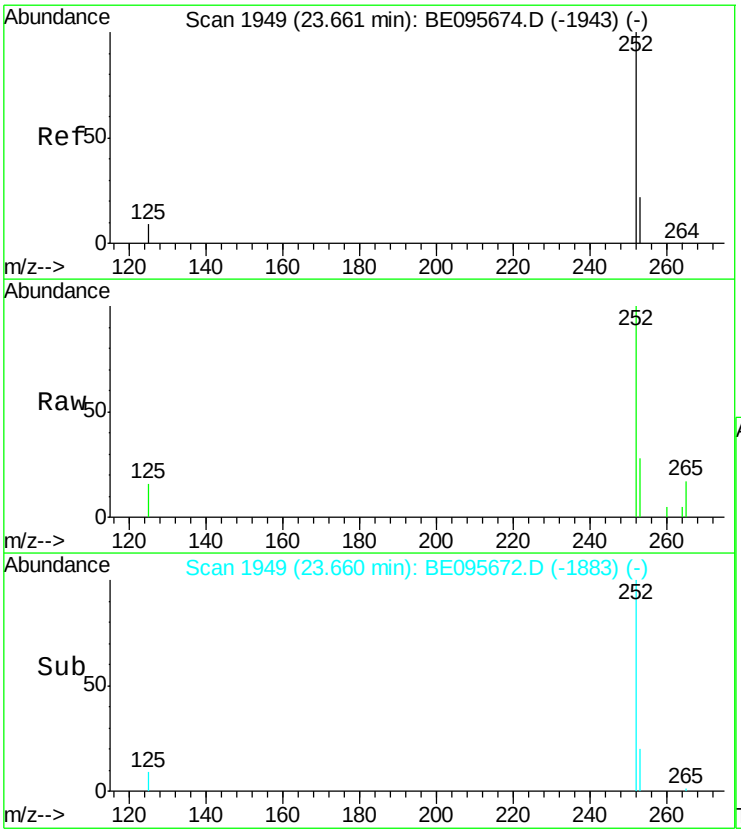

#35
Benzo(b)fluoranthene
Concen: 0.10 ng
RT: 23.61 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.1

Tgt Ion:252 Resp: 1819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 28.5 | 20.0 | 30.0 |
| 125 | 15.5 | 16.0 | 24.0# |

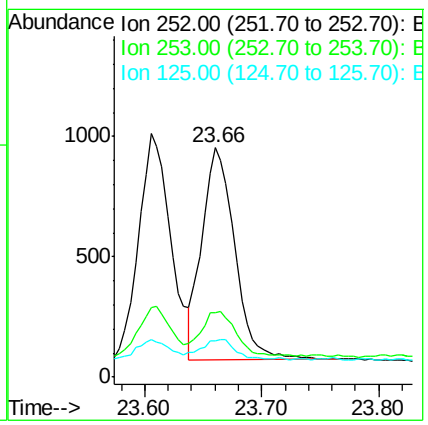


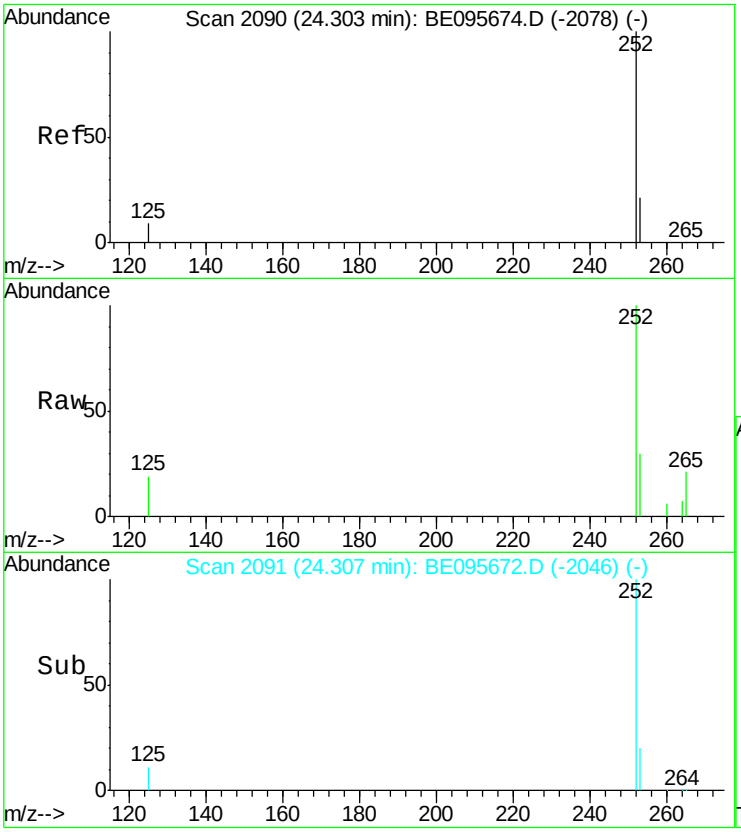




#36
Benzo(k)fluoranthene
Concen: 0.09 ng
RT: 23.66 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion:252 Resp: 1713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 27.9 | 16.0 | 24.0# |
| 125 | 16.0 | 8.0 | 12.0# |



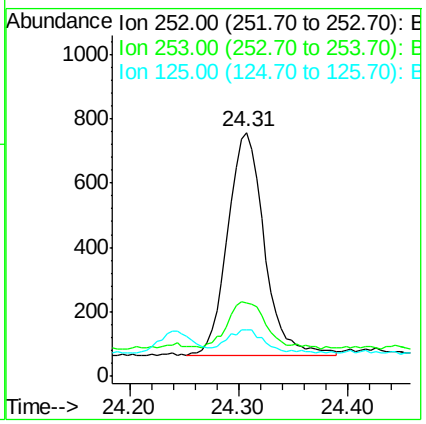


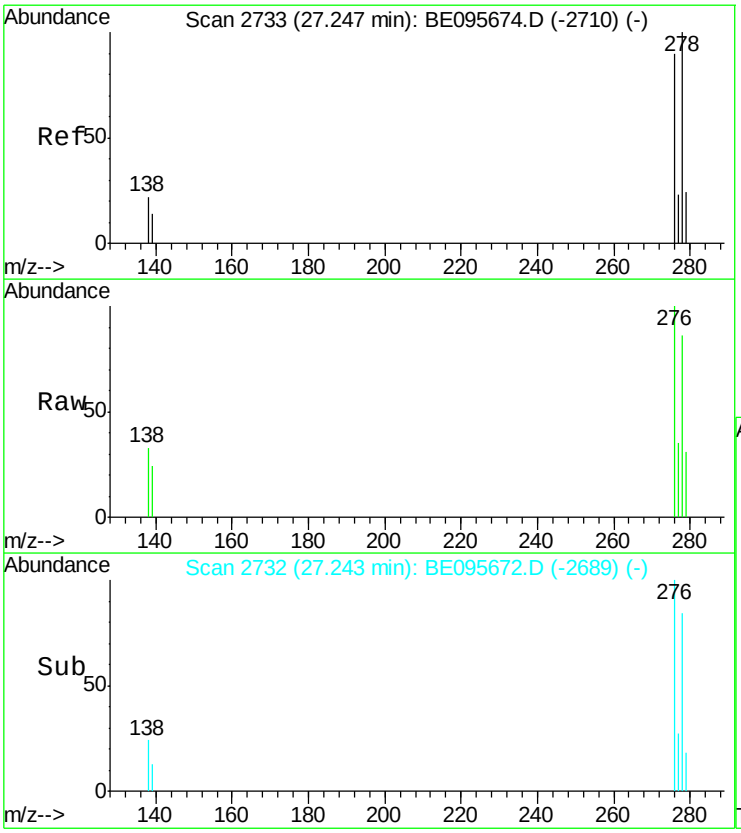

#37
Benzo(a)pyrene
Concen: 0.09 ng
RT: 24.31 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.1

Tgt Ion:252 Resp: 1598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 30.3 | 16.0 | 24.0# |
| 125 | 19.2 | 12.0 | 18.0# |

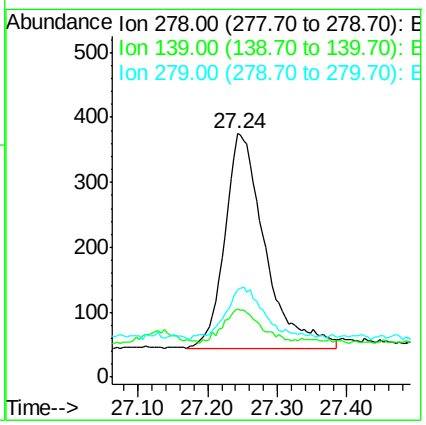


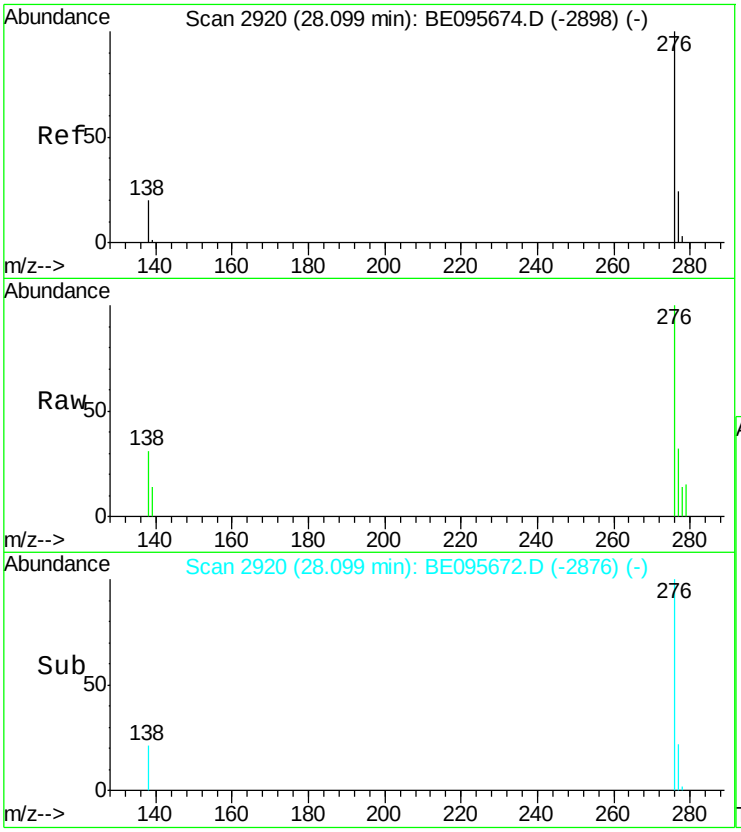




#38
Dibenzo(a,h)anthracene
Concen: 0.09 ng
RT: 27.24 min Scan# 2732
Delta R.T. -0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

Tgt Ion:278 Resp: 1323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 28.0 | 16.0 | 24.0# |
| 279 | 36.0 | 20.0 | 30.0# |






#39
Benzo(g,h,i)perylene
Concen: 0.10 ng
RT: 28.10 min Scan# 2920
Delta R.T. 0.00 min
Lab File: BE095672.D
Acq: 23 Feb 2018 8:30

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC0.1

Tgt Ion:276 Resp: 1530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 31.9 | 16.0 | 24.0# |
| 138 | 31.4 | 20.0 | 30.0# |