Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
Data File : BE095832.D
Acq On : 26 Mar 2018 9:04
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDCCC0.4

Quant Time: Mar 27 05:38:59 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 12:41:11 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.42 | 152 | 1140 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 11.26 | 136 | 4413 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 15.00 | 164 | 2673 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.71 | 188 | 6660 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.79 | 240 | 7807 | 0.40 | ng | | -0.01 |
| 34) Perylene-d12 | 24.42 | 264 | 7409 | 0.40 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.91 | 112 | 1498 | 0.40 | ng | | 0.00 |
| 5) Phenol-d6 | 7.56 | 99 | 2040 | 0.39 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.59 | 82 | 2074 | 0.40 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.80 | 152 | 3040 | 0.41 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.47 | 330 | 552 | 0.36 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.63 | 172 | 4535 | 0.40 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 19.68 | 212 | 39349 | 0.40 | ng | | 0.00 |
| 29) Terphenyl-d14 | 20.24 | 244 | 6572 | 0.40 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.63 | 88 | 742 | 0.398 | ng | # | 90 |
| 3) n-Nitrosodimethylamine | 3.99 | 42 | 994 | 0.363 | ng | | 84 |
| 6) bis(2-Chloroethyl)ether | 7.81 | 93 | 1777 | 0.399 | ng | | 94 |
| 9) Naphthalene | 11.31 | 128 | 20719 | 0.411 | ng | | 100 |
| 10) Hexachlorobutadiene | 11.56 | 225 | 1401 | 0.405 | ng | | 96 |
| 12) 2-Methylnaphthalene | 12.87 | 142 | 3527 | 0.410 | ng | | 95 |
| 16) Acenaphthylene | 14.73 | 152 | 6161 | 0.403 | ng | | 99 |
| 17) Acenaphthene | 15.06 | 154 | 3736 | 0.401 | ng | | 95 |
| 18) Fluorene | 16.03 | 166 | 4817 | 0.393 | ng | # | 78 |
| 20) 4-Bromophenyl-phenylether | 16.89 | 248 | 1627 | 0.406 | ng | # | 86 |
| 21) Hexachlorobenzene | 17.02 | 284 | 1578 | 0.395 | ng | # | 82 |
| 22) Pentachlorophenol | 17.36 | 266 | 325 | 0.346 | ng | # | 76 |
| 23) Phenanthrene | 17.74 | 178 | 8176 | 0.410 | ng | | 99 |
| 24) Anthracene | 17.84 | 178 | 7979 | 0.400 | ng | | 95 |
| 26) Fluoranthene | 19.71 | 202 | 11092 | 0.401 | ng | | 97 |
| 28) Pyrene | 20.06 | 202 | 14347 | 0.451 | ng | | 97 |
| 30) Benzo(a)anthracene | 21.78 | 228 | 10879 | 0.402 | ng | | 97 |
| 31) Chrysene | 21.84 | 228 | 10235 | 0.414 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.64 | 149 | 30754 | 0.371 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 27.23 | 276 | 10645 | 0.400 | ng | # | 94 |
| 35) Benzo(b)fluoranthene | 23.60 | 252 | 10214 | 0.417 | ng | # | 92 |
| 36) Benzo(k)fluoranthene | 23.66 | 252 | 9999 | 0.408 | ng | # | 93 |
| 37) Benzo(a)pyrene | 24.30 | 252 | 9405 | 0.409 | ng | # | 92 |
| 38) Dibenzo(a,h)anthracene | 27.25 | 278 | 8839 | 0.405 | ng | | 97 |
| 39) Benzo(g,h,i)perylene | 28.10 | 276 | 8928 | 0.407 | ng | # | 92 |

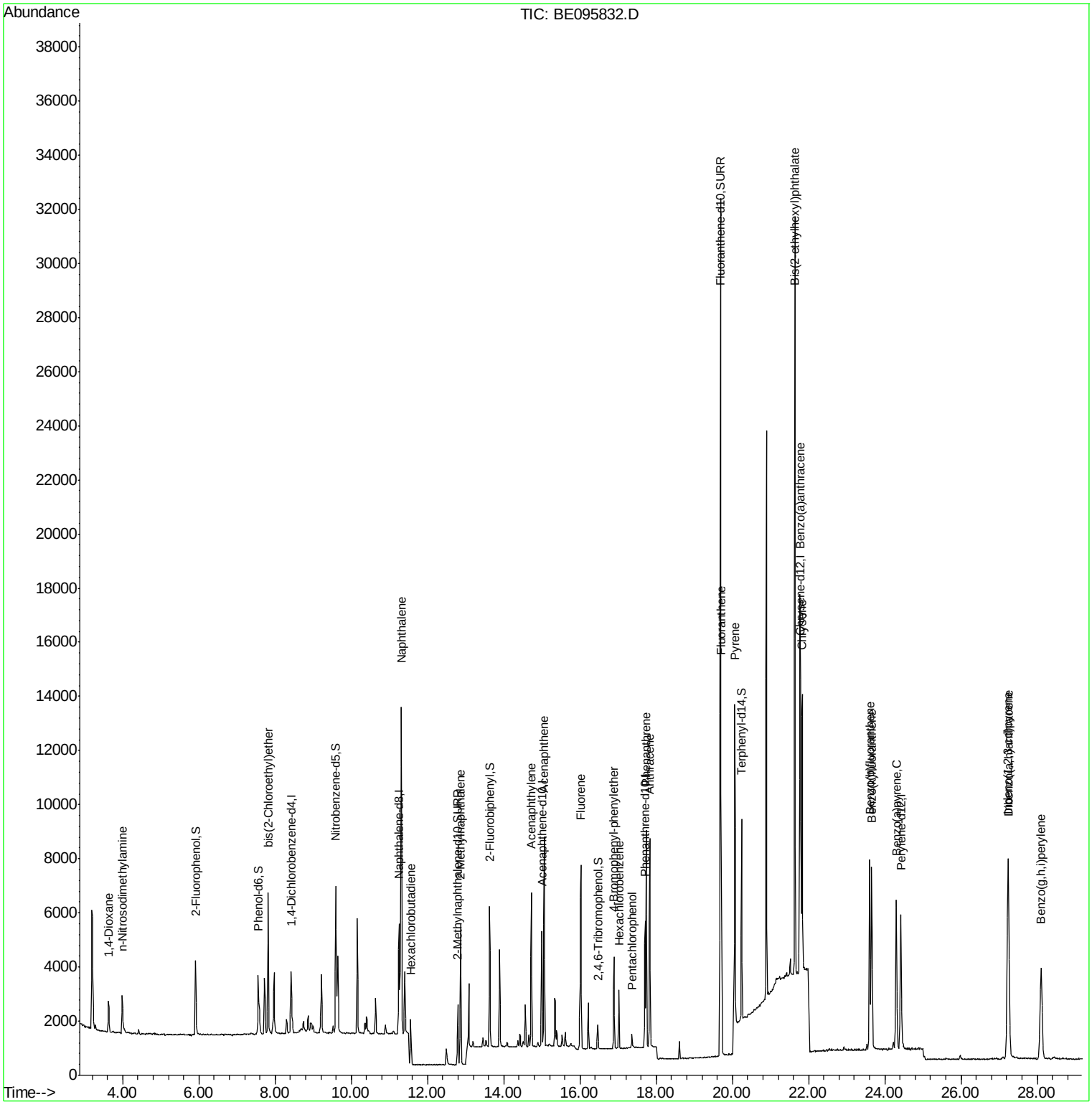
(#) = qualifier out of range (m) = manual integration (+) = signals summed

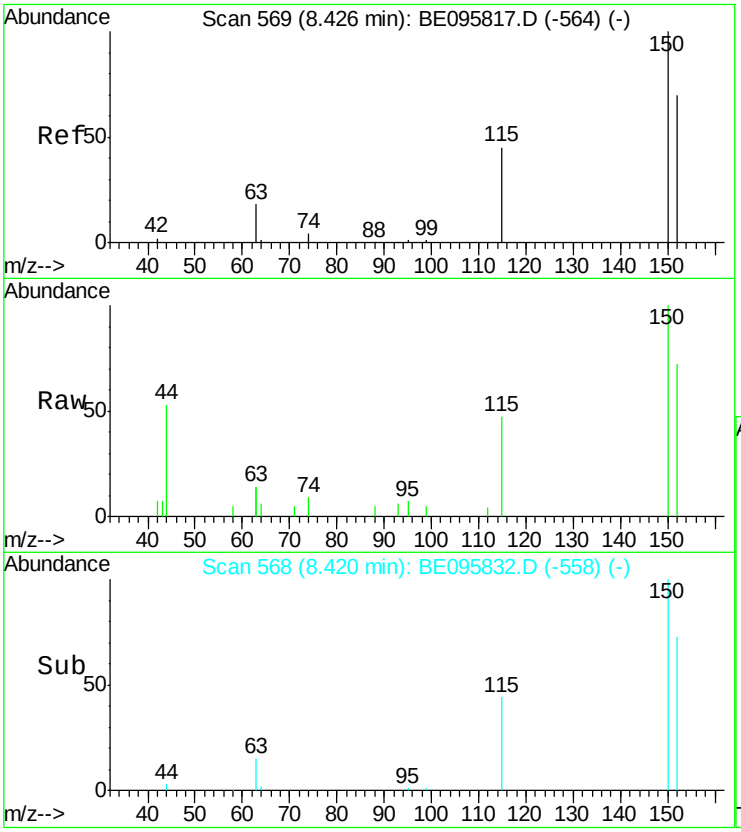
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
Data File : BE095832.D
Acq On : 26 Mar 2018 9:04
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Quant Time: Mar 27 05:38:59 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 12:41:11 2018
Response via : Initial Calibration



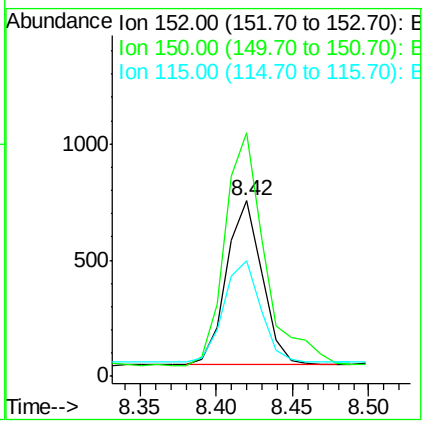


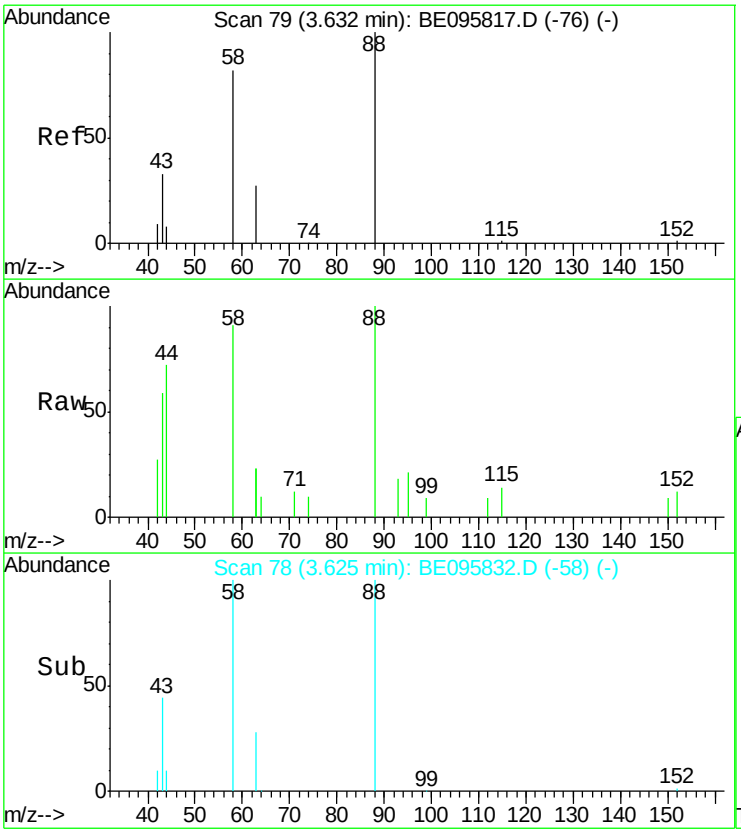

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:152 Resp: 1140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 138.9 | 117.2 | 175.8 |
| 115 | 65.6 | 57.0 | 85.6 |

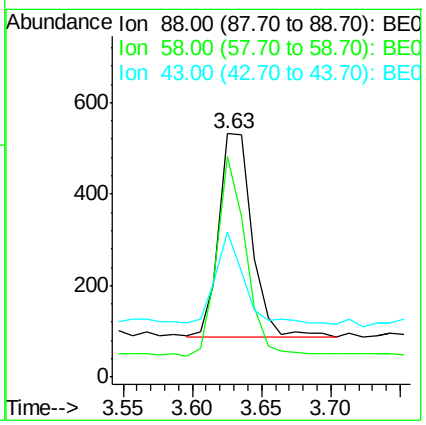


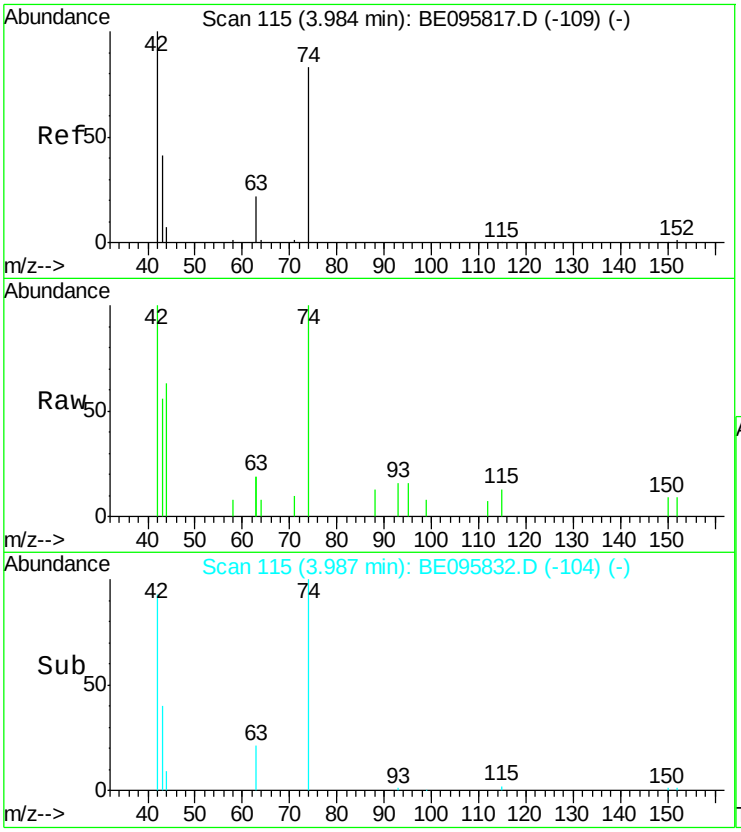




#2
1,4-Dioxane
Concen: 0.398 ng
RT: 3.63 min Scan# 78
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion: 88 Resp: 742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 83.0 | 63.2 | 94.8 |
| 43 | 38.4 | 41.2 | 61.8# |



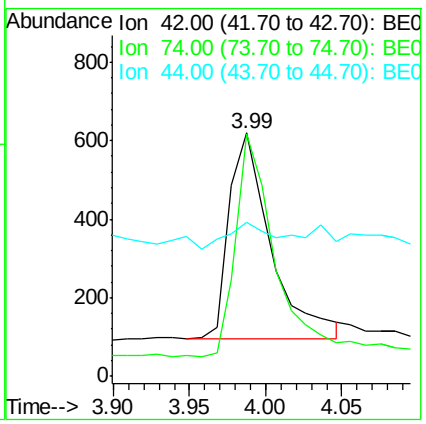


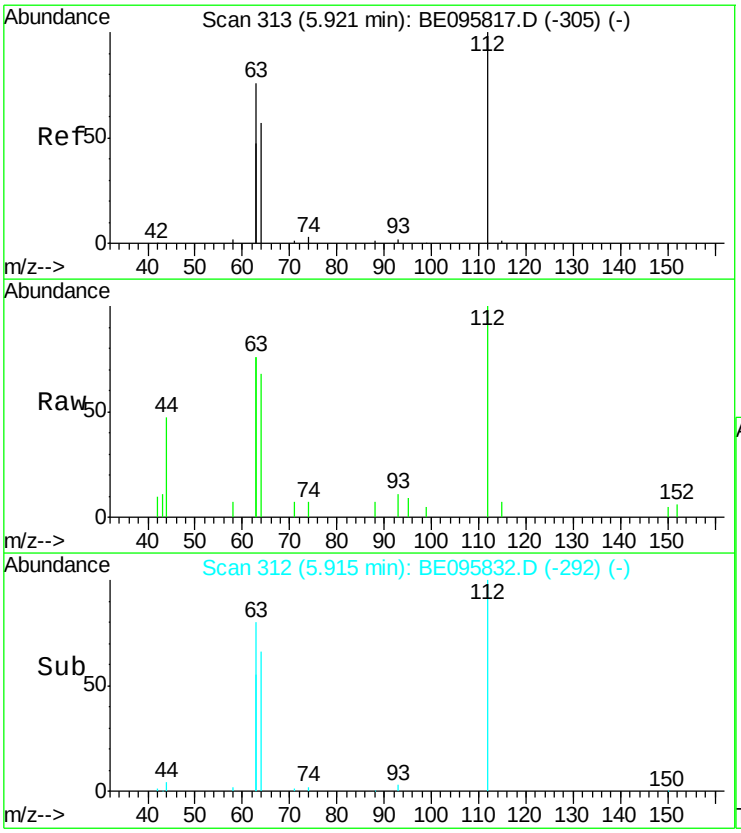

#3
n-Nitrosodimethylamine
Concen: 0.363 ng
RT: 3.99 min Scan# 115
Delta R.T. 0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion: 42 Resp: 994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 101.2 | 96.0 | 144.0 |
| 44 | 12.3 | 12.0 | 18.0 |

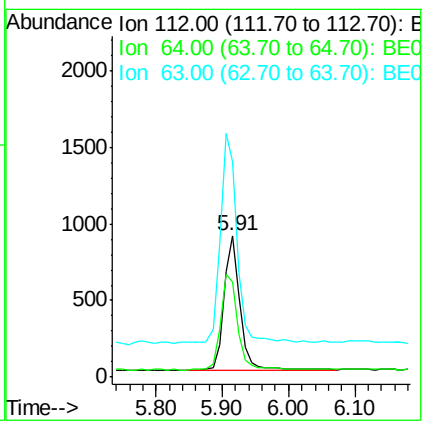


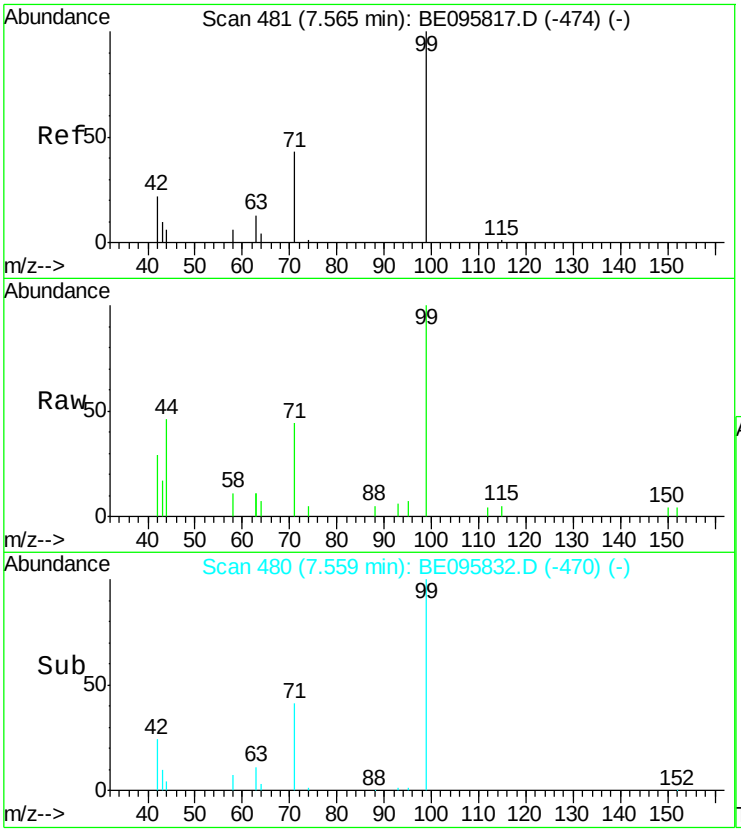




#4
2-Fluorophenol
Concen: 0.399 ng
RT: 5.91 min Scan# 312
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:112 Resp: 1498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 75.0 | 60.1 | 90.1 |
| 63 | 157.9 | 116.8 | 175.2 |



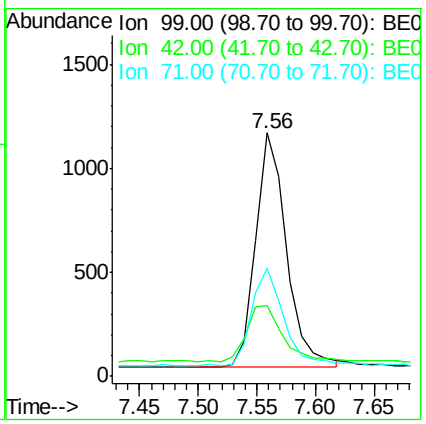


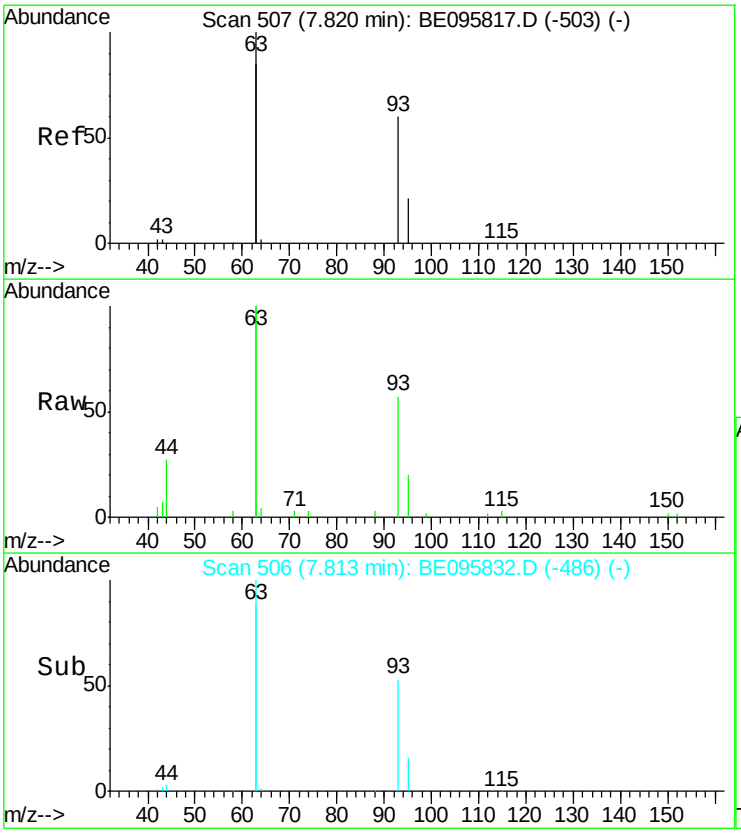

#5
Phenol-d6
Concen: 0.395 ng
RT: 7.56 min Scan# 480
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion: 99 Resp: 2040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 28.0 | 20.2 | 30.2 |
| 71 | 43.7 | 28.4 | 42.6# |

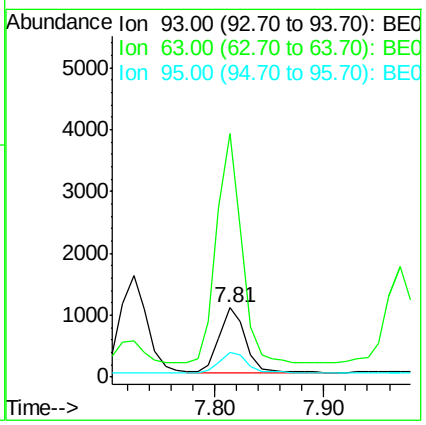


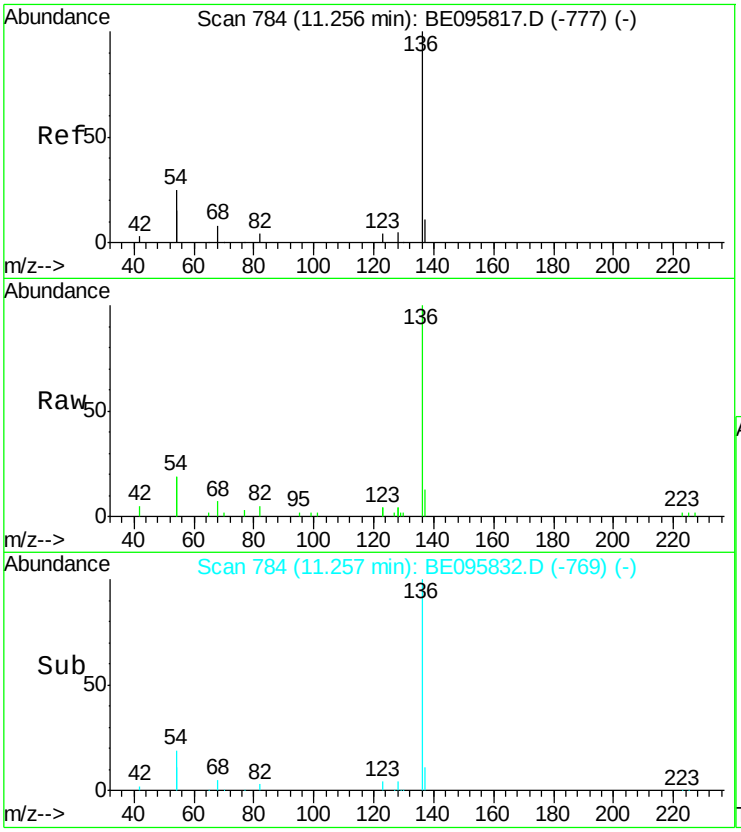




#6
bis(2-Chloroethyl)ether
Concen: 0.399 ng
RT: 7.81 min Scan# 506
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion: 93 Resp: 1777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 329.8 | 275.3 | 412.9 |
| 95 | 33.1 | 25.2 | 37.8 |



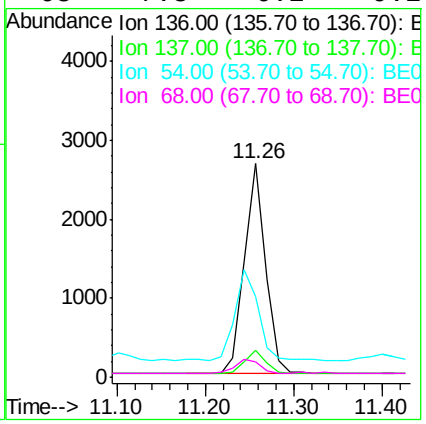


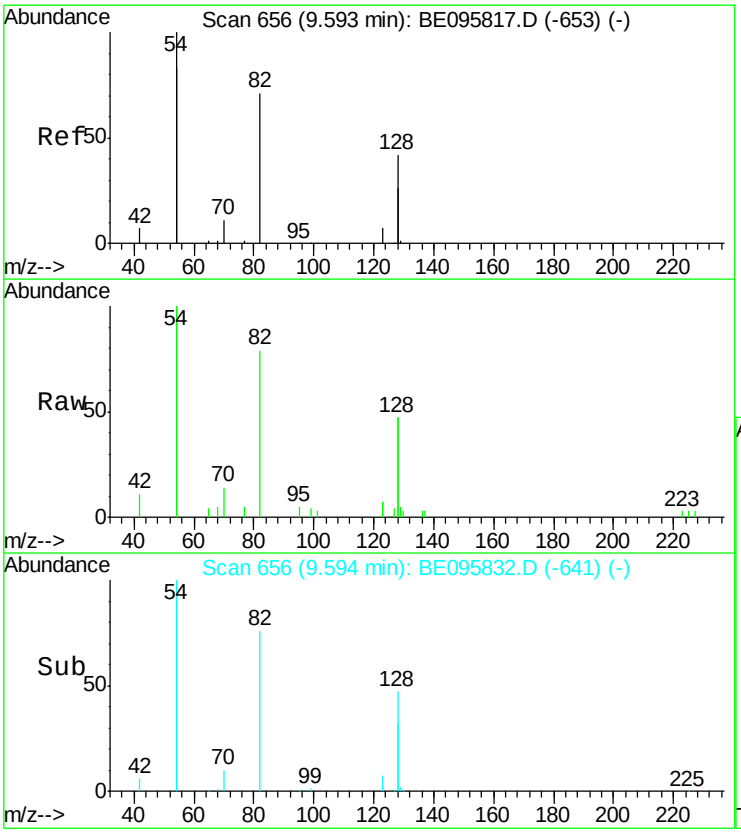

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.26 min Scan# 784
Delta R.T. 0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:136 Resp: 4413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.8 | 9.5 | 14.3 |
| 54 | 37.9 | 29.1 | 43.7 |
| 68 | 7.3 | 6.2 | 9.2 |

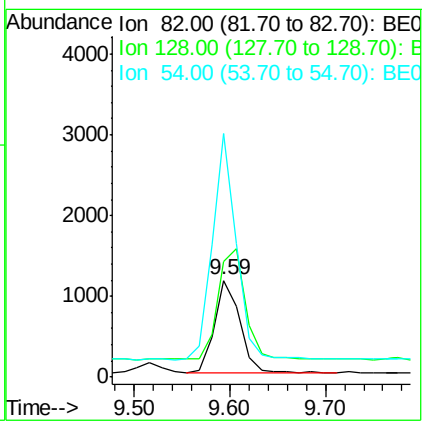


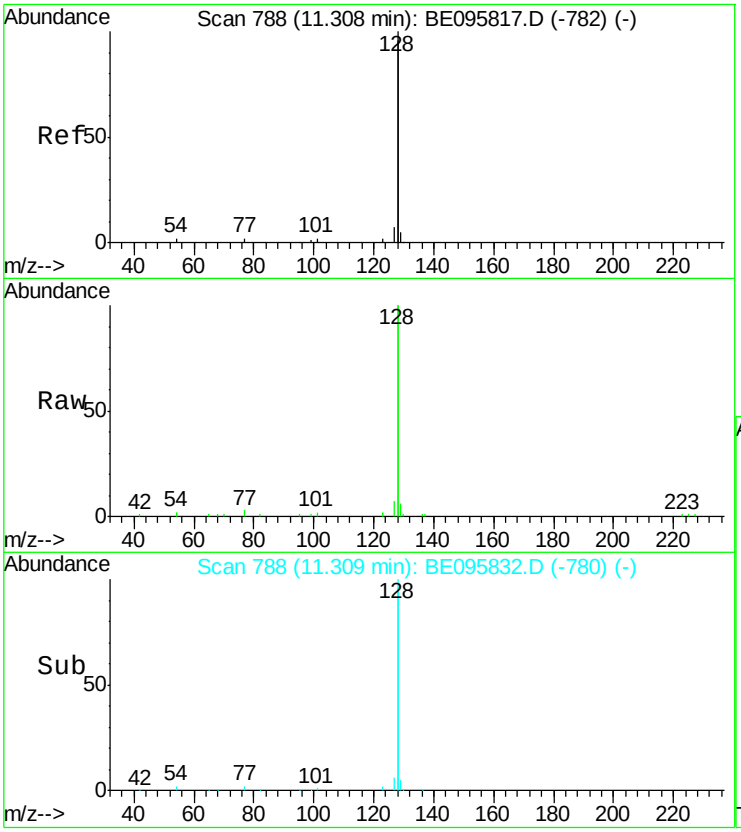




#8
Nitrobenzene-d5
Concen: 0.398 ng
RT: 9.59 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion: 82 Resp: 2074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 119.7 | 150.0 | 225.0# |
| 54 | 252.2 | 154.2 | 231.4# |



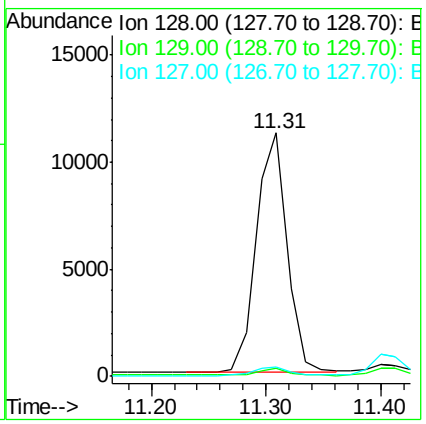


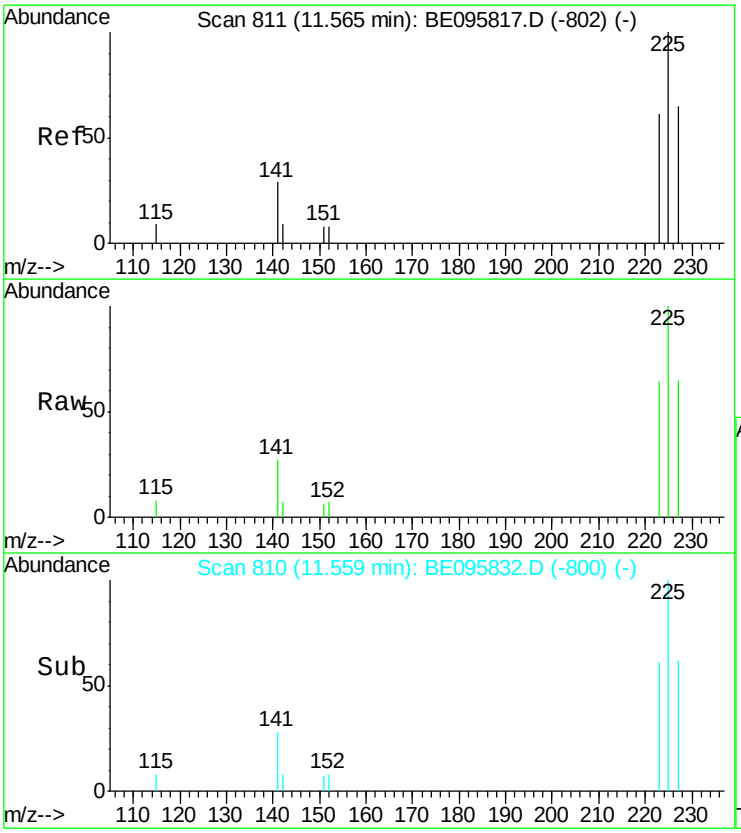

#9
Naphthalene
Concen: 0.411 ng
RT: 11.31 min Scan# 788
Delta R.T. 0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:128 Resp: 20719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 3.1 | 2.6 | 3.8 |
| 127 | 3.6 | 2.8 | 4.2 |

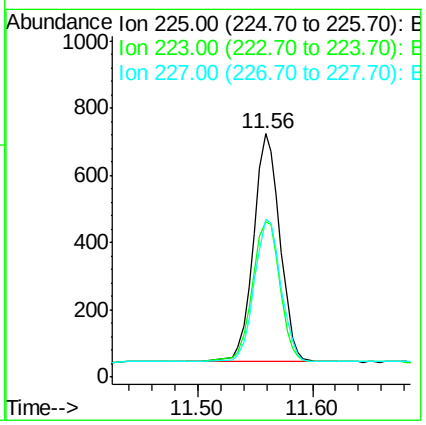


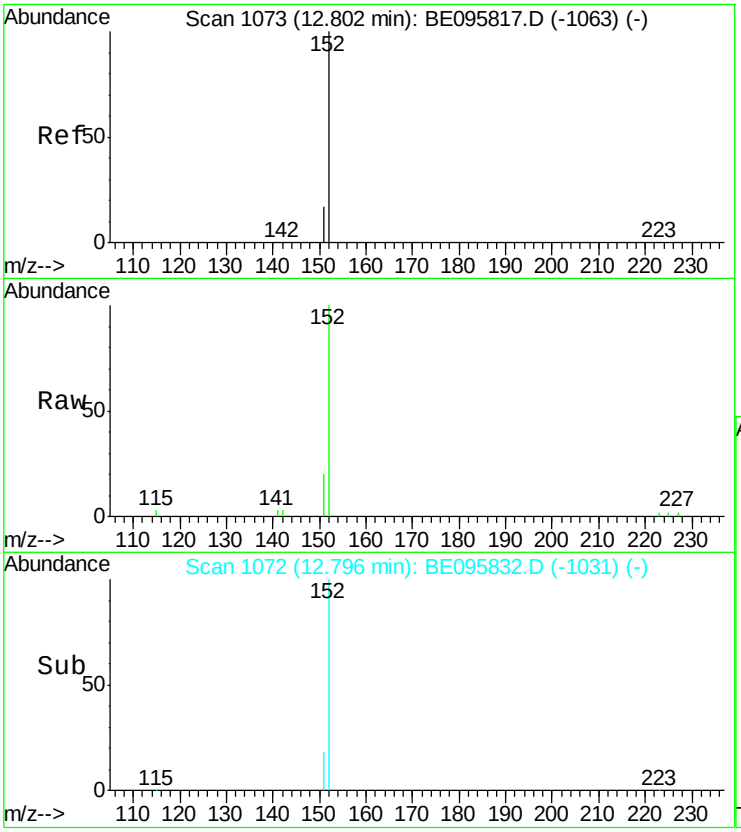




#10
Hexachlorobutadiene
Concen: 0.405 ng
RT: 11.56 min Scan# 810
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:225 Resp: 1401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.1 | 53.0 | 79.6 |
| 227 | 61.8 | 51.4 | 77.2 |



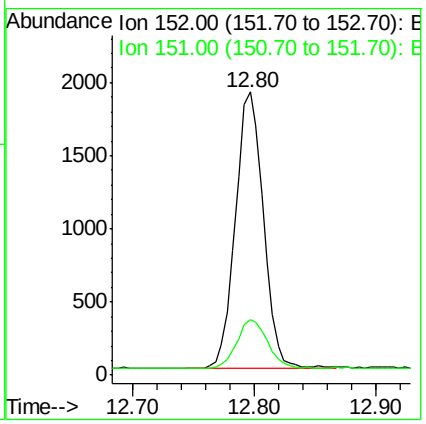


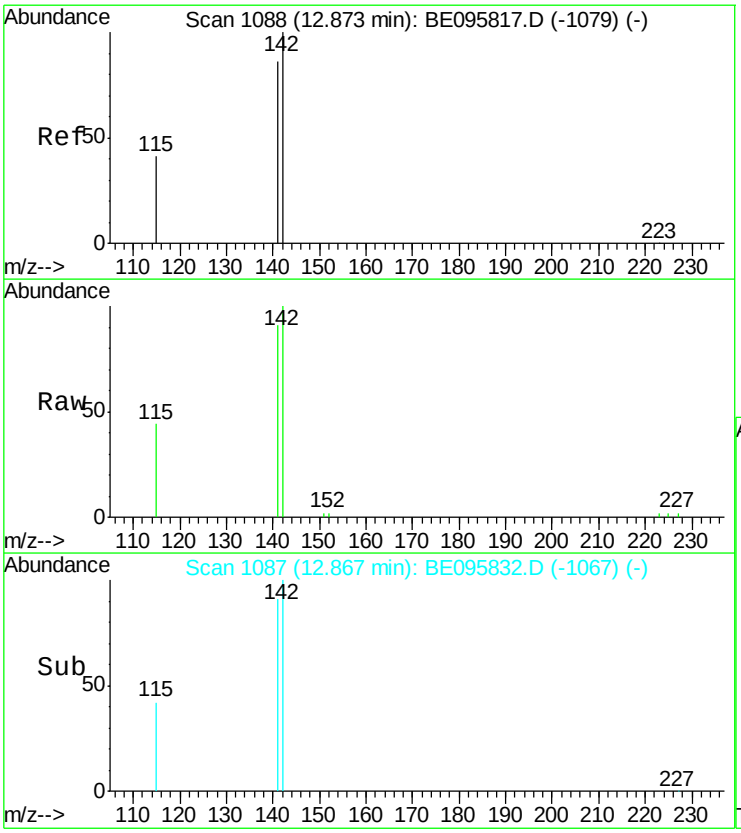

#11
2-Methylnaphthalene-d10
Concen: 0.413 ng
RT: 12.80 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:152 Resp: 3040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.3 | 15.4 | 23.0 |

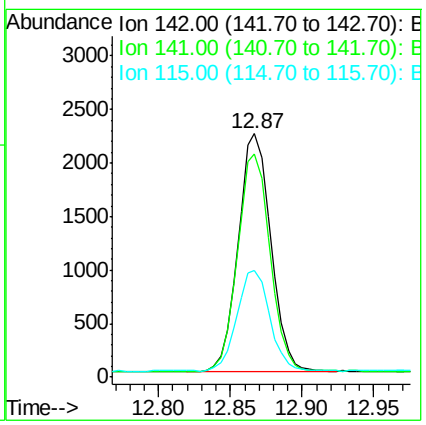


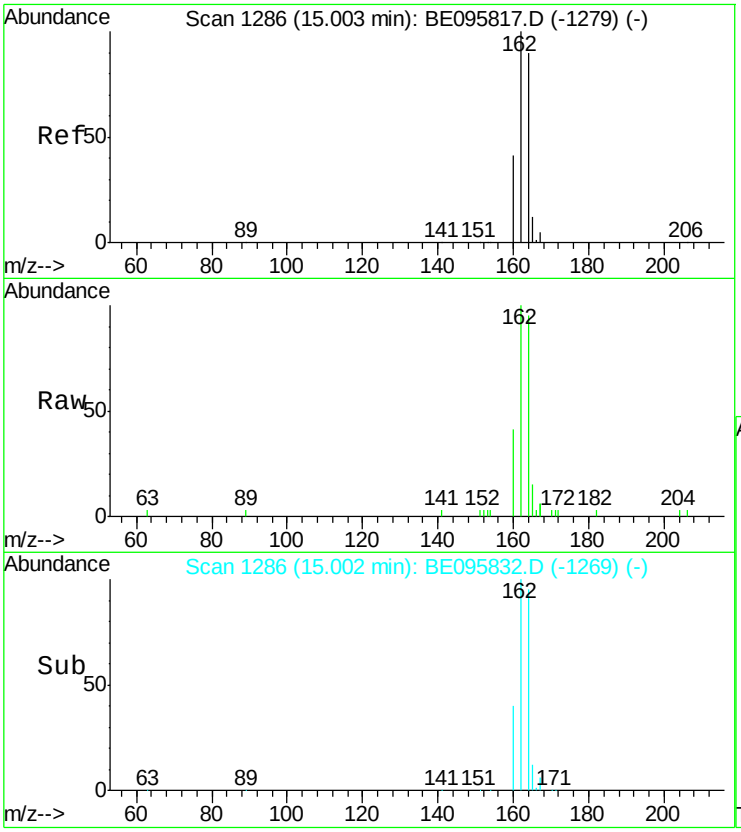




#12
2-Methylnaphthalene
Concen: 0.410 ng
RT: 12.87 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:142 Resp: 3527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.5 | 70.4 | 105.6 |
| 115 | 43.9 | 31.7 | 47.5 |



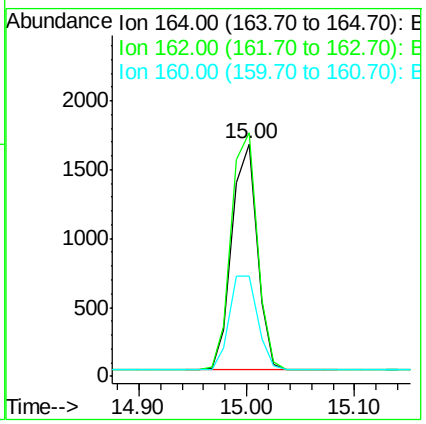


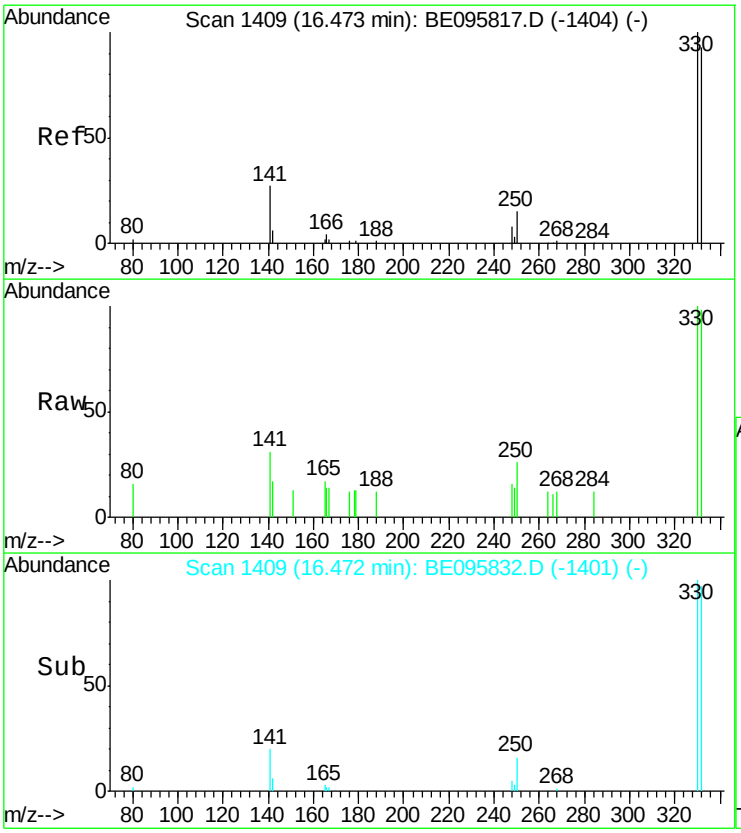

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:164 Resp: 2673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.8 | 83.1 | 124.7 |
| 160 | 43.3 | 37.1 | 55.7 |

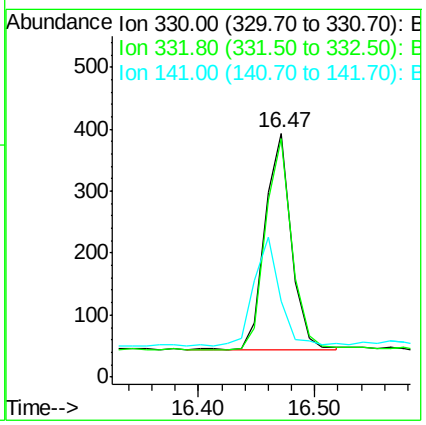


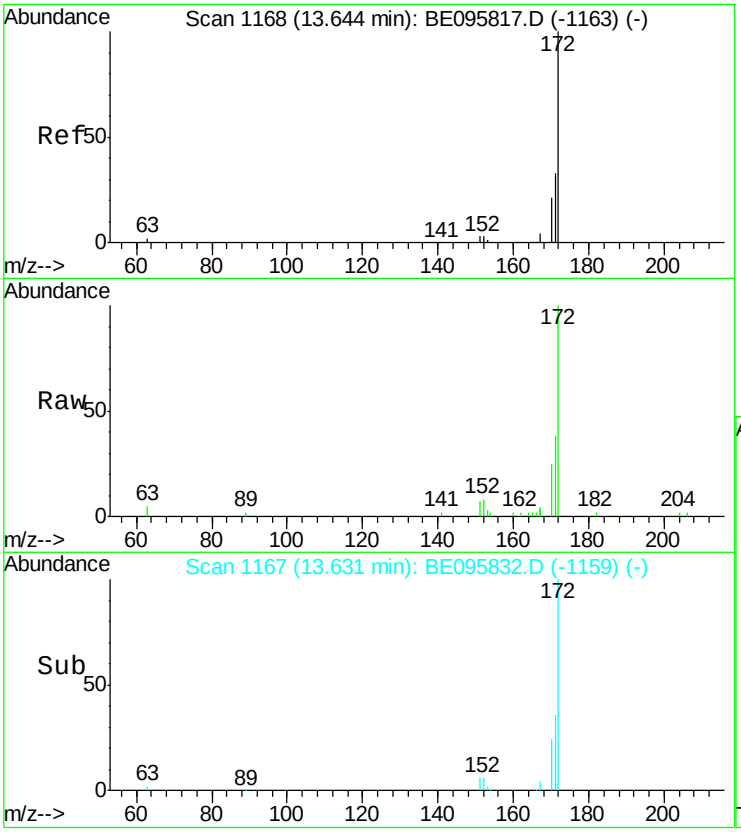




#14
2,4,6-Tribromophenol
Concen: 0.358 ng
RT: 16.47 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:330 Resp: 552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.2 | 152.7 | 229.1# |
| 141 | 50.4 | 33.7 | 50.5 |



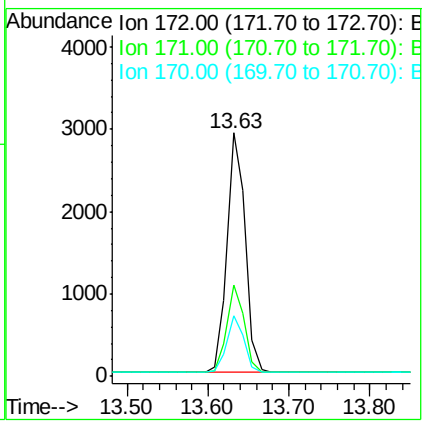


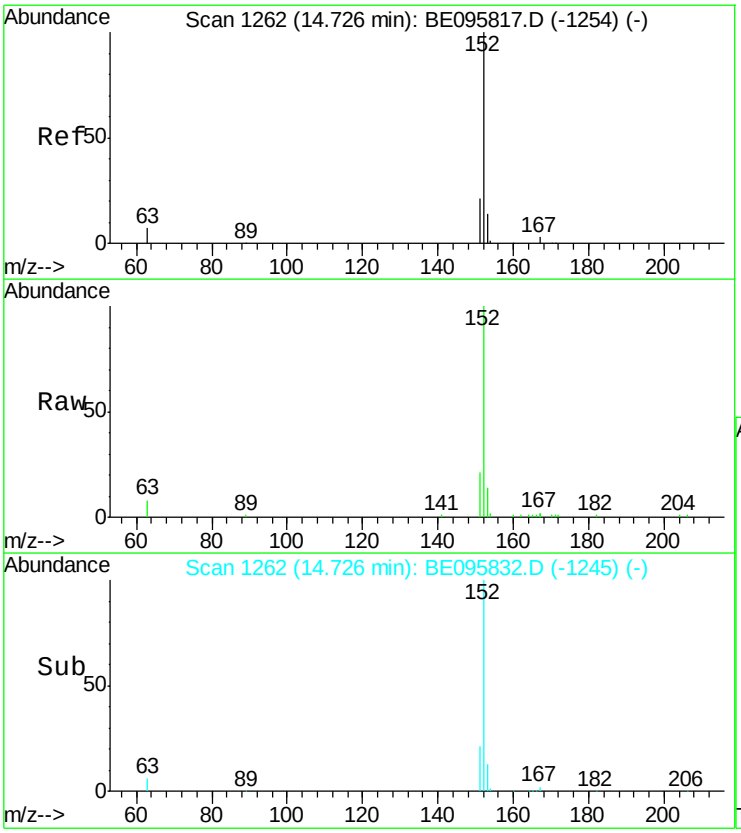

#15
2-Fluorobiphenyl
Concen: 0.403 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:172 Resp: 4535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.6 | 29.9 | 44.9 |
| 170 | 24.9 | 21.8 | 32.8 |

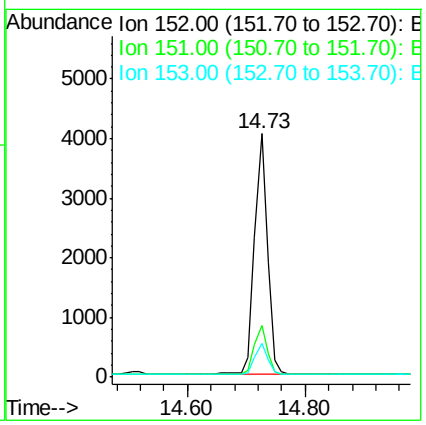


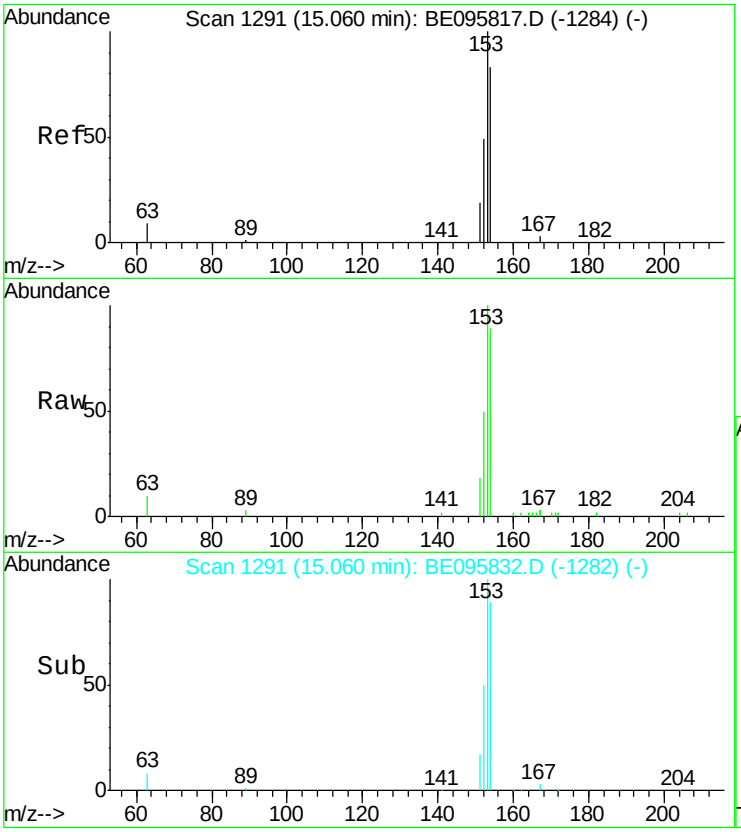




#16
Acenaphthylene
Concen: 0.403 ng
RT: 14.73 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:152 Resp: 6161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.3 | 15.7 | 23.5 |
| 153 | 12.8 | 10.5 | 15.7 |



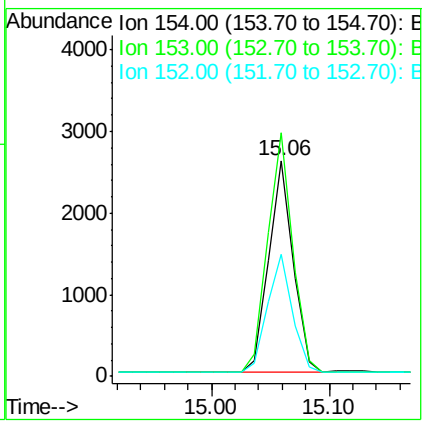


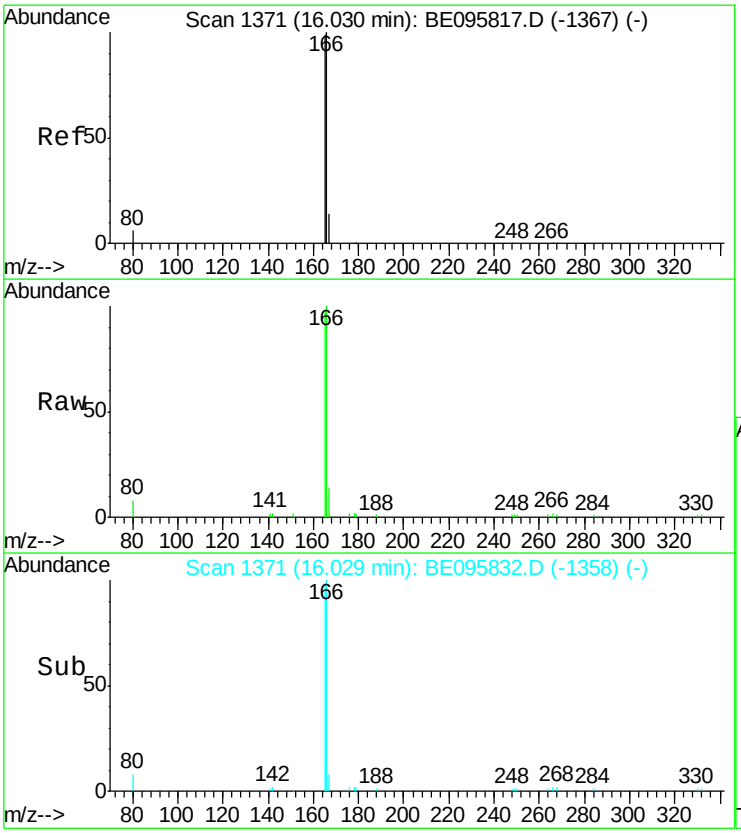

#17
Acenaphthene
Concen: 0.401 ng
RT: 15.06 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:154 Resp: 3736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.7 | 89.2 | 133.8 |
| 152 | 56.9 | 42.0 | 63.0 |

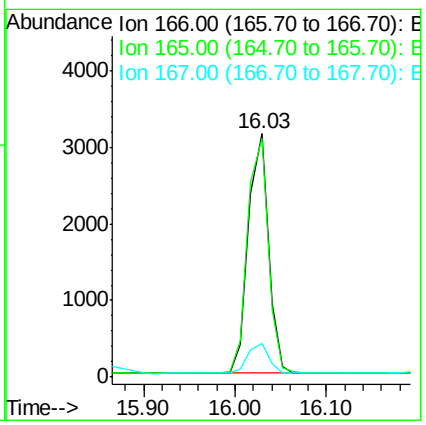


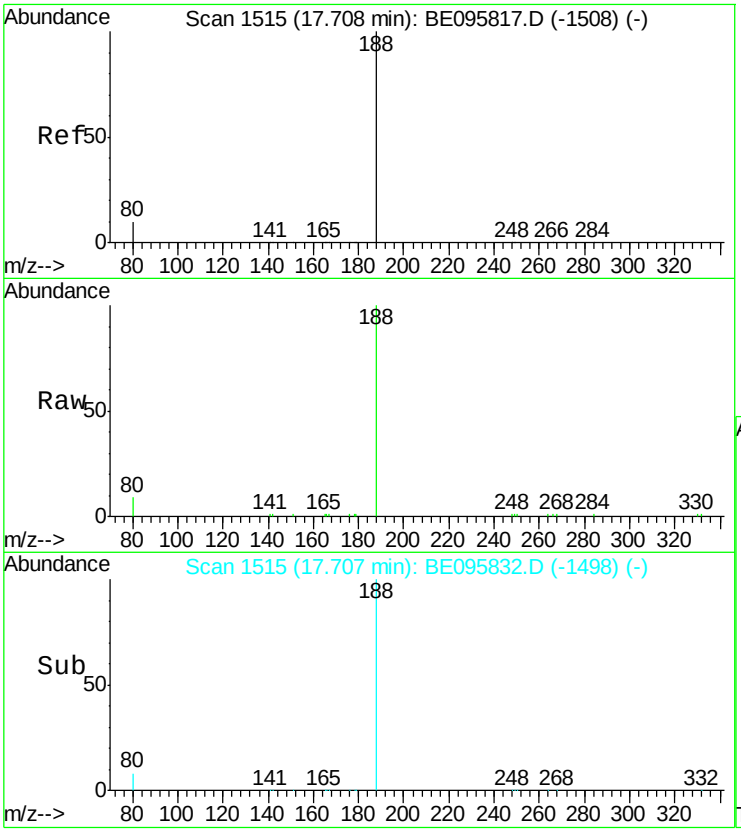




#18
Fluorene
Concen: 0.393 ng
RT: 16.03 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:166 Resp: 4817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 101.4 | 77.8 | 116.6 |
| 167 | 13.5 | 42.4 | 63.6# |



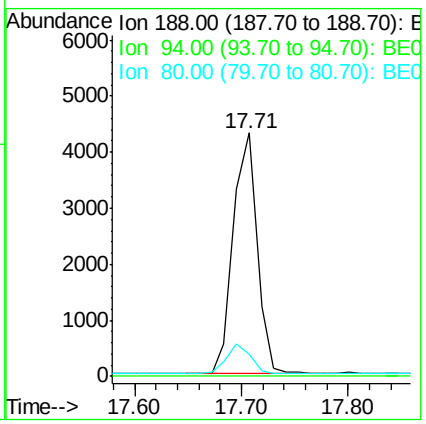


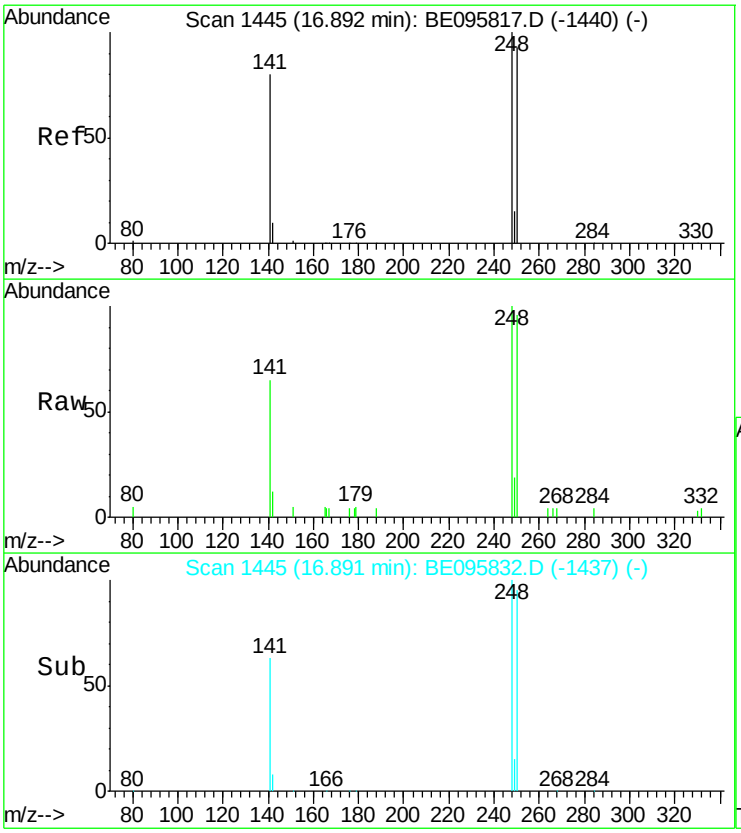

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:188 Resp: 6660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 3.9 | 5.9# |
| 80 | 9.1 | 3.6 | 5.4# |

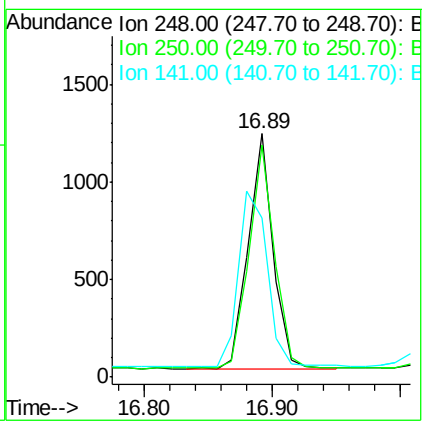


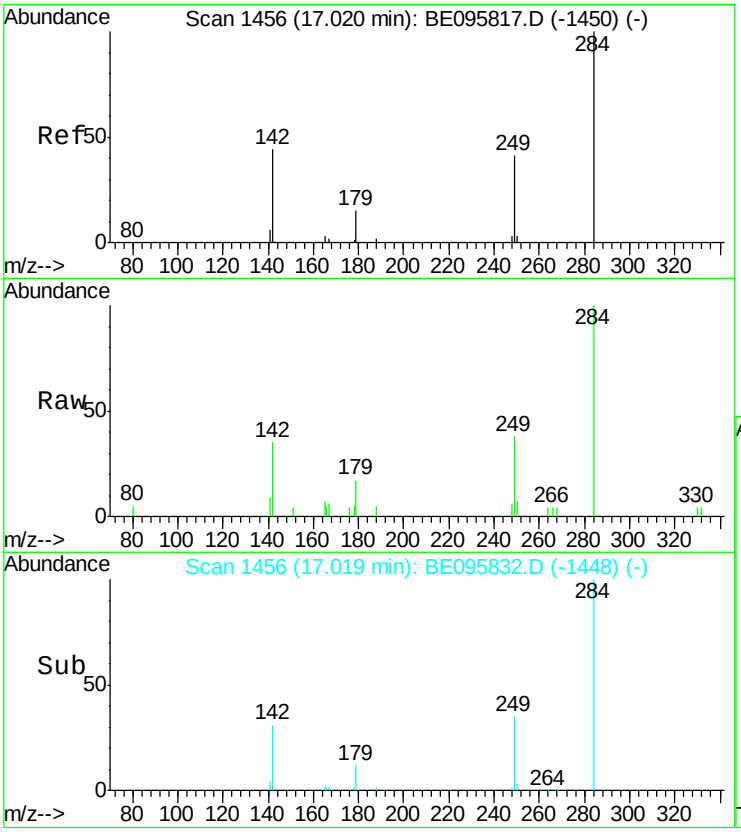




#20
4-Bromophenyl-phenylether
Concen: 0.406 ng
RT: 16.89 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:248 Resp: 1627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 95.5 | 62.7 | 94.1# |
| 141 | 65.4 | 48.2 | 72.2 |



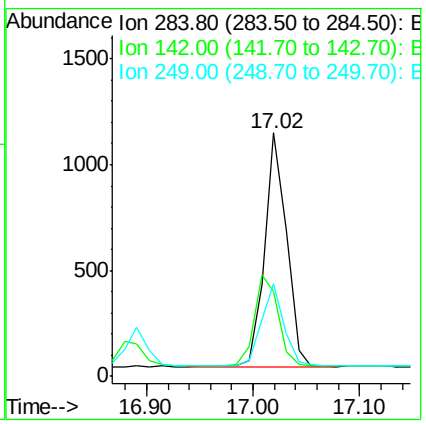


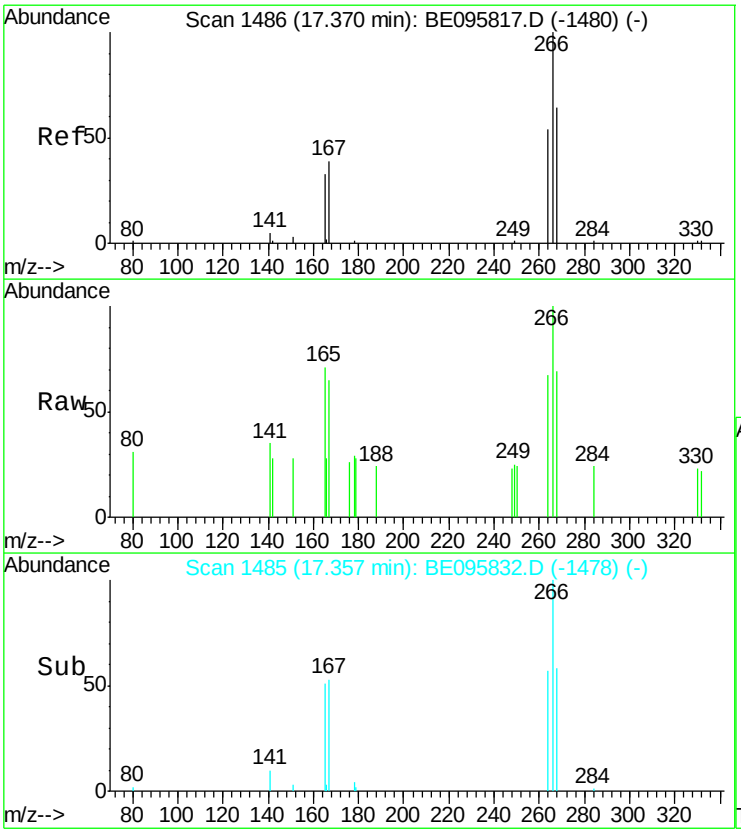

#21
Hexachlorobenzene
Concen: 0.395 ng
RT: 17.02 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:284 Resp: 1578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 42.4 | 22.1 | 33.1# |
| 249 | 36.2 | 34.8 | 52.2 |

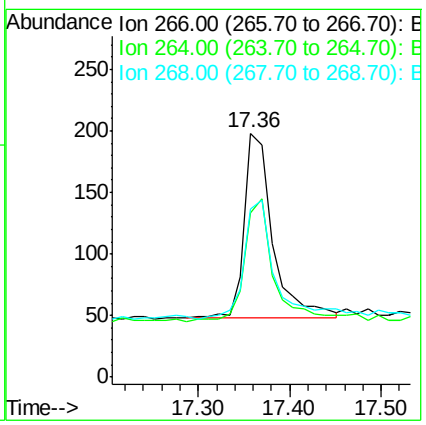


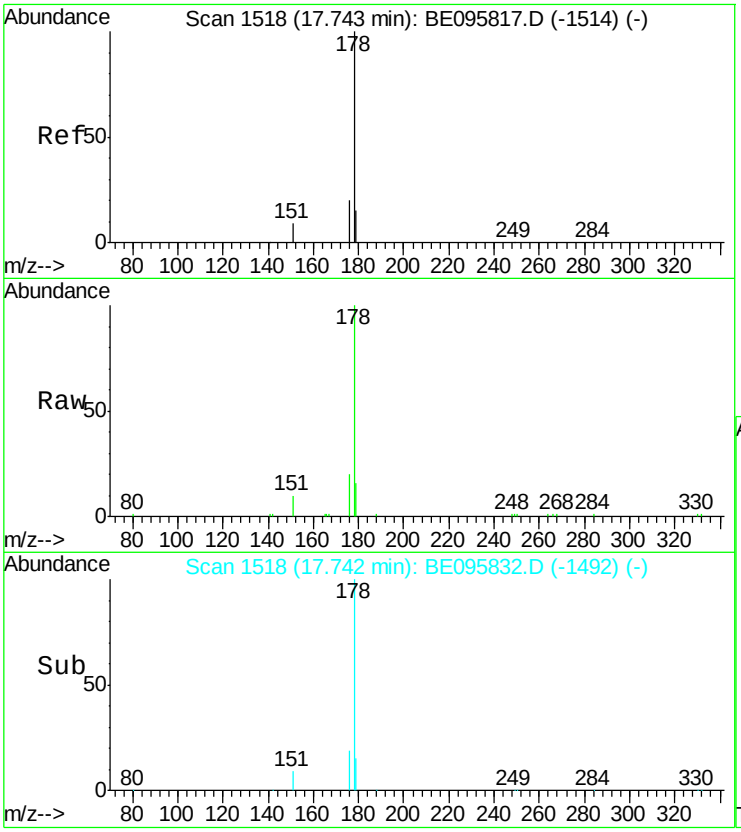




#22
Pentachlorophenol
Concen: 0.346 ng
RT: 17.36 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:266 Resp: 325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 67.2 | 72.5 | 108.7# |
| 268 | 69.2 | 73.8 | 110.6# |



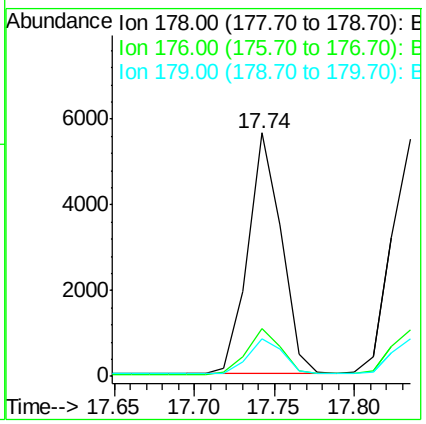


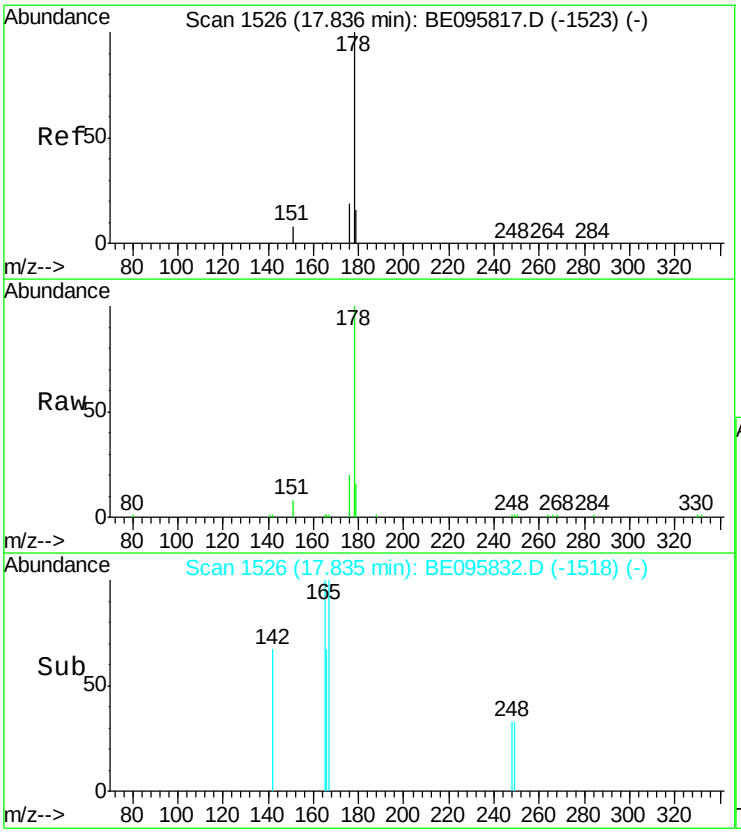

#23
Phenanthrene
Concen: 0.410 ng
RT: 17.74 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:178 Resp: 8176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.1 | 22.7 |
| 179 | 15.2 | 11.8 | 17.6 |

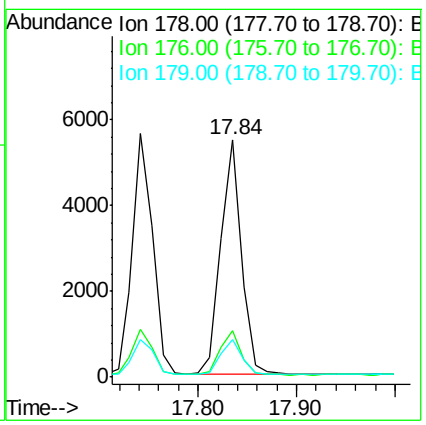


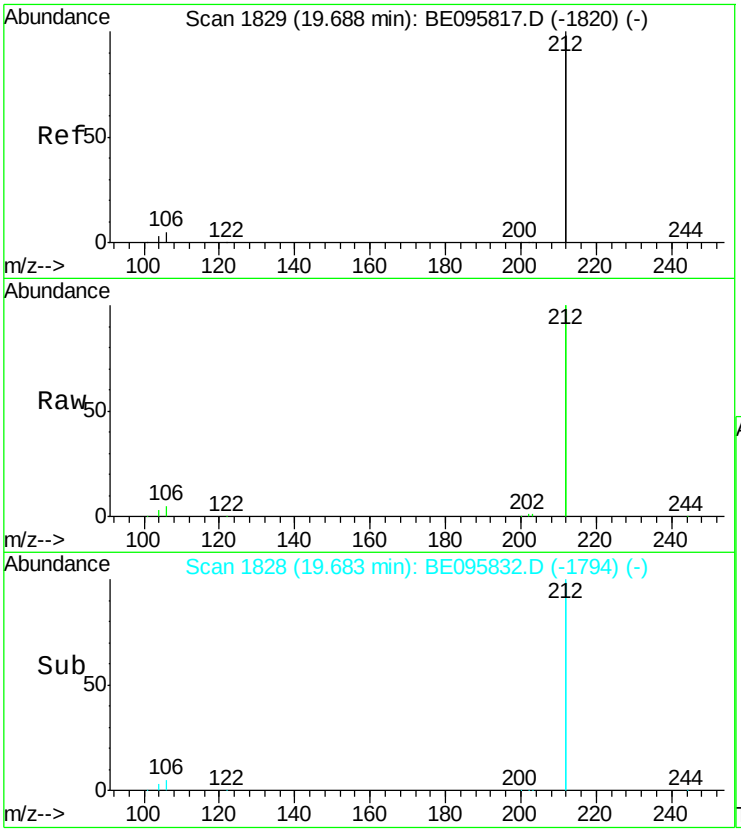




#24
Anthracene
Concen: 0.400 ng
RT: 17.84 min Scan# 1526
Delta R.T. -0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:178 Resp: 7979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 12.8 | 19.2 |
| 179 | 15.3 | 13.0 | 19.6 |



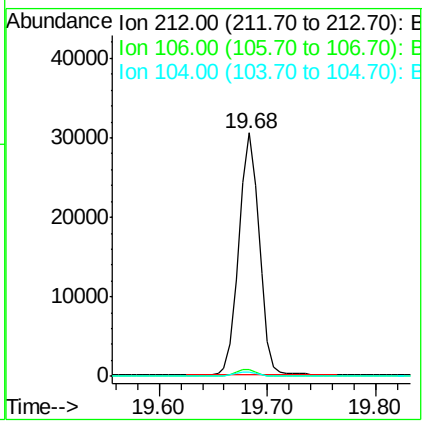


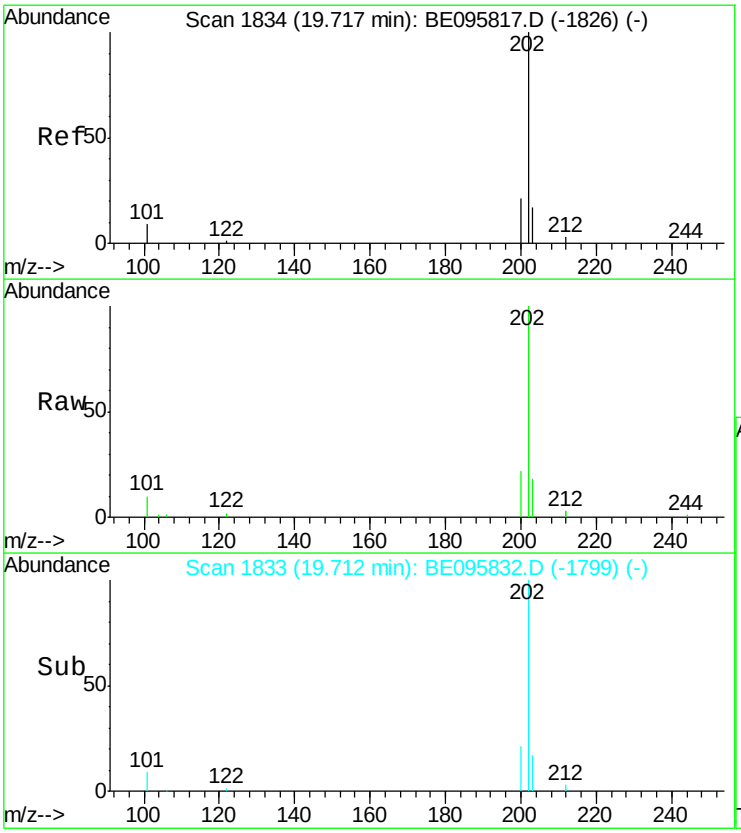

#25
Fluoranthene-d10
Concen: 0.398 ng
RT: 19.68 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

**Instrument :** BNA_E
**ClientSampleId :** SSTDCCC0.4

Tgt Ion:212 Resp: 39349

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

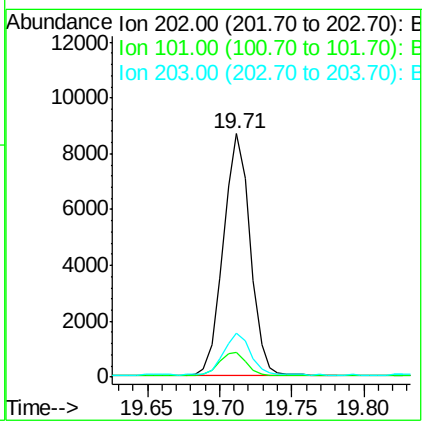


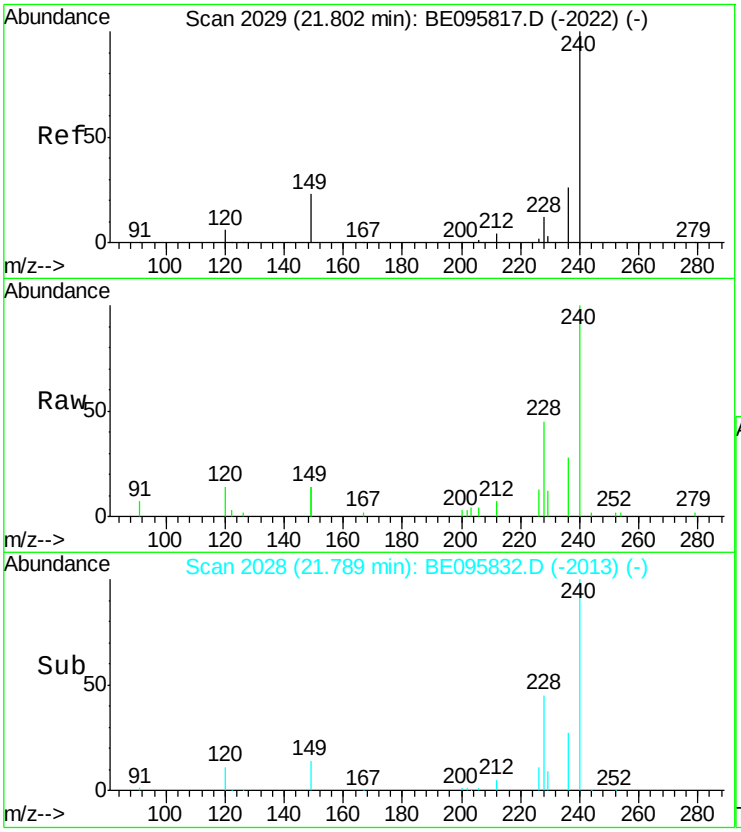




#26
Fluoranthene
Concen: 0.401 ng
RT: 19.71 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:202 Resp: 11092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.9 | 9.8 | 14.8 |
| 203 | 17.4 | 13.7 | 20.5 |



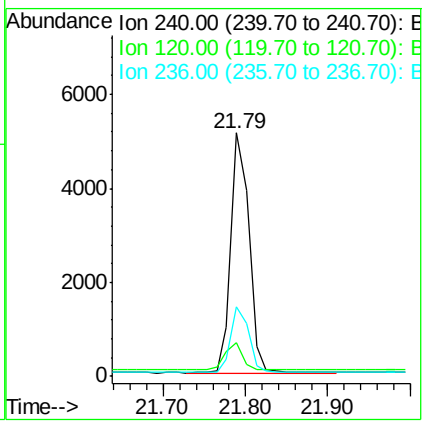


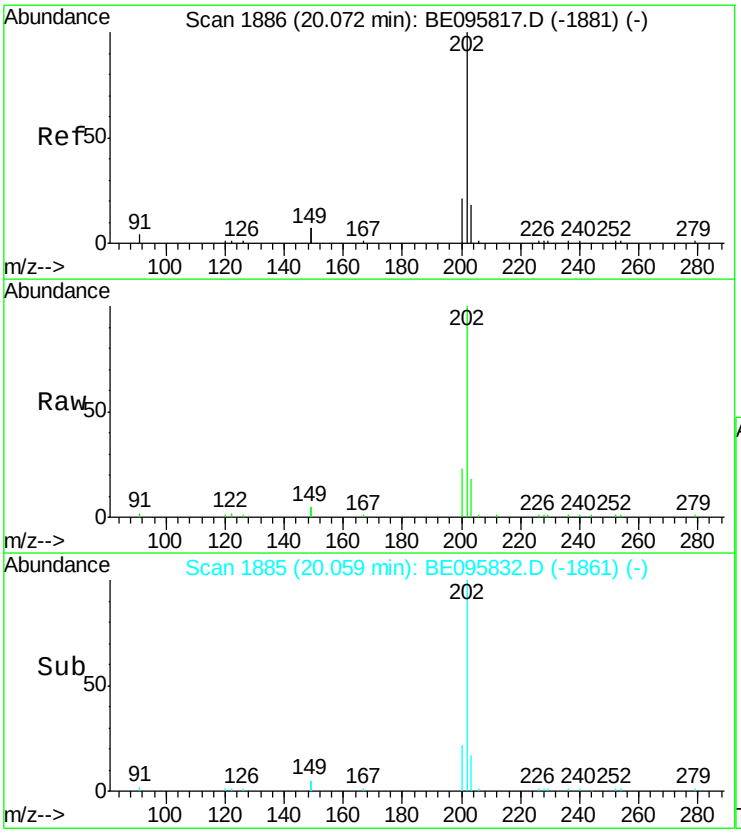

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.79 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:240 Resp: 7807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.8 | 5.5 | 8.3# |
| 236 | 28.5 | 20.7 | 31.1 |

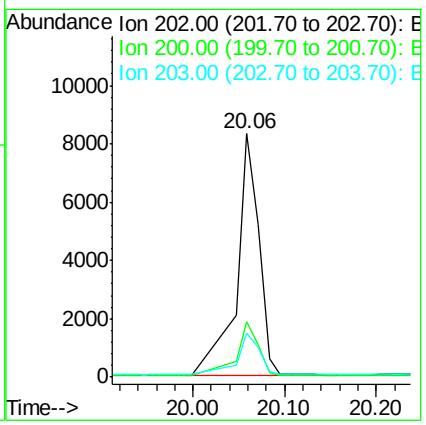


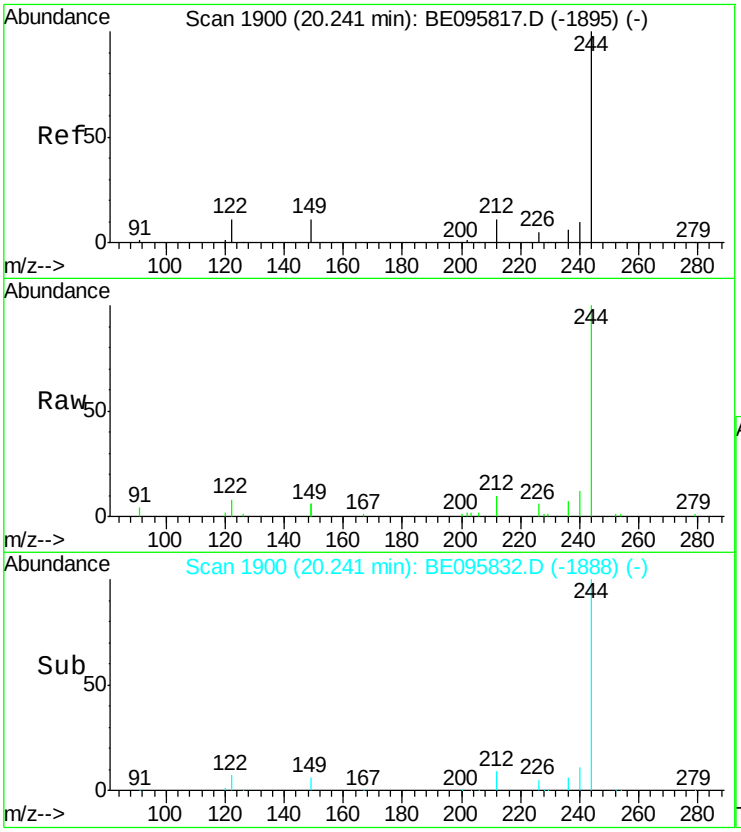




#28
Pyrene
Concen: 0.451 ng
RT: 20.06 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:202 Resp: 14347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.9 | 16.6 | 25.0 |
| 203 | 18.8 | 13.8 | 20.8 |



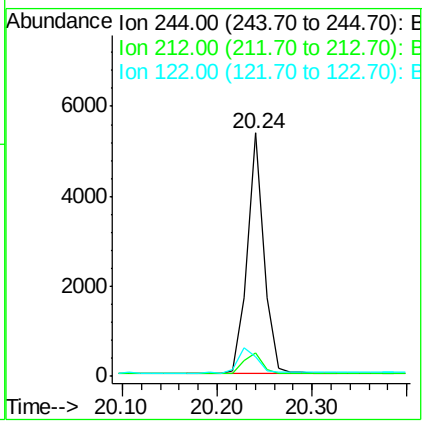


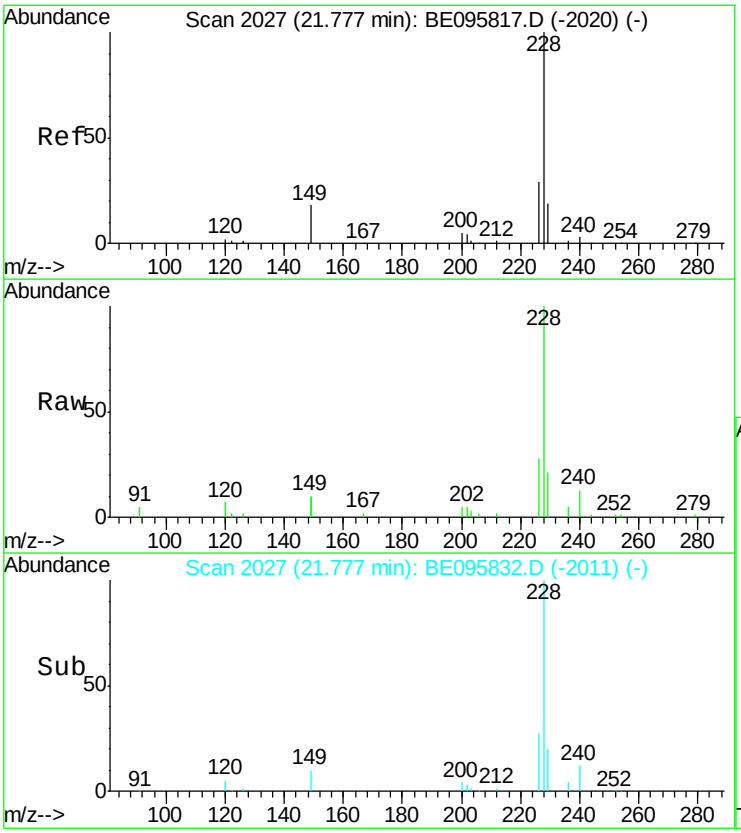

#29
Terphenyl-d14
Concen: 0.396 ng
RT: 20.24 min Scan# 1900
Delta R.T. -0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:244 Resp: 6572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.7 | 25.4 | 38.0# |
| 122 | 8.0 | 8.1 | 12.1# |

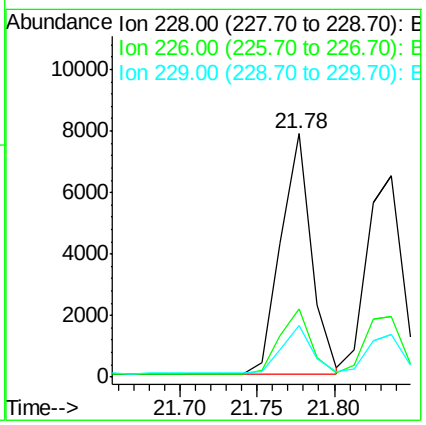


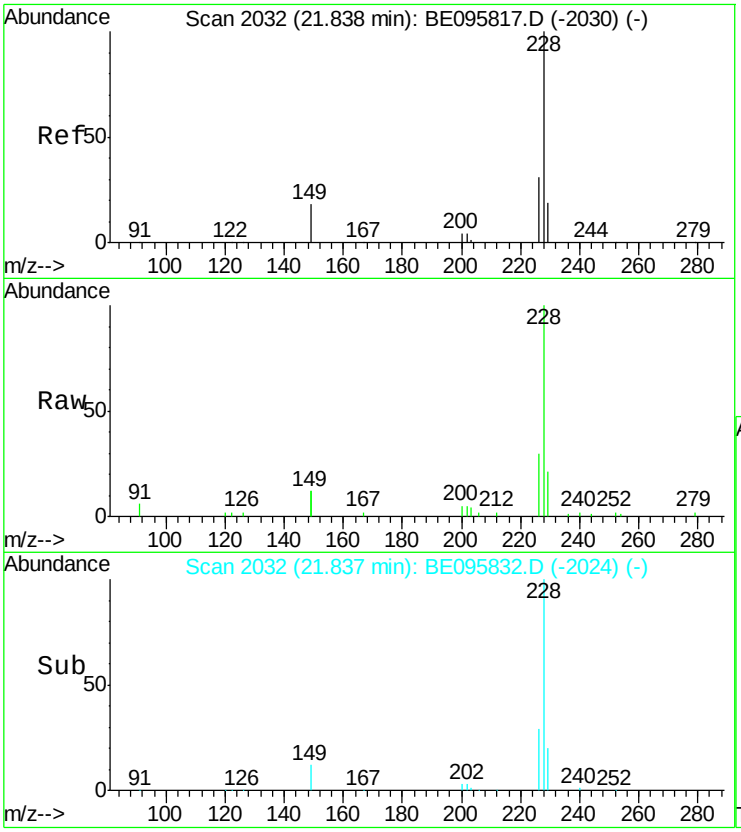




#30
Benzo(a)anthracene
Concen: 0.402 ng
RT: 21.78 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:228 Resp: 10879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.9 | 24.0 | 36.0 |
| 229 | 21.2 | 16.0 | 24.0 |



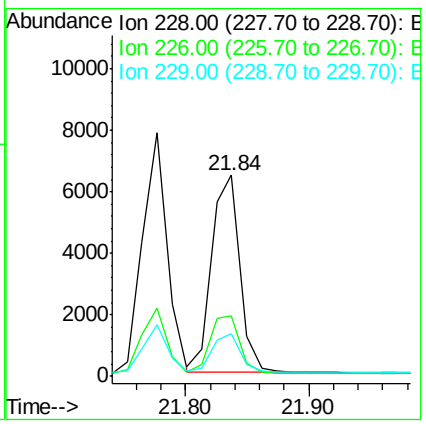


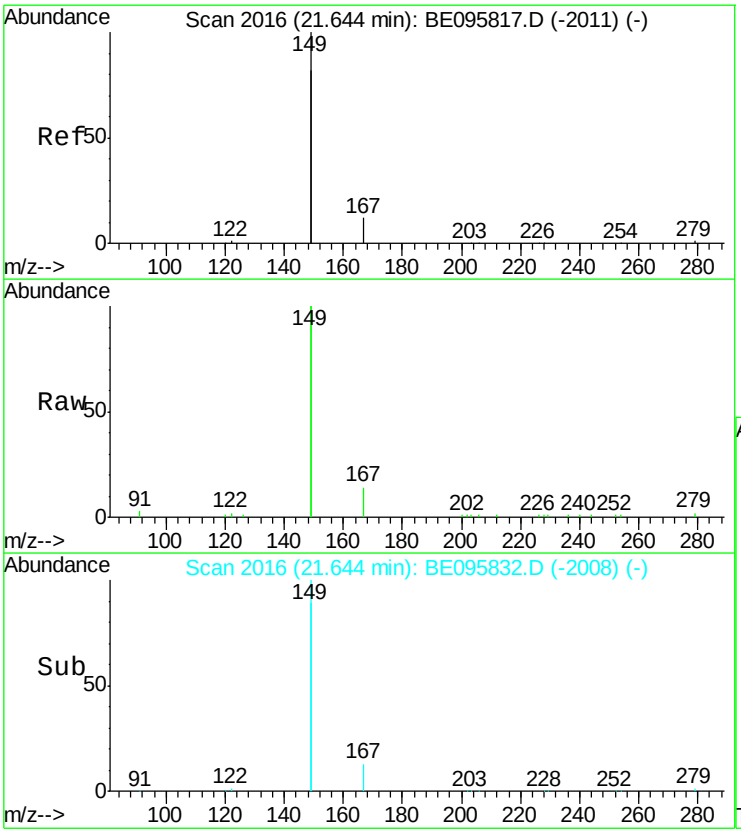

#31
Chrysene
Concen: 0.414 ng
RT: 21.84 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:228 Resp: 10235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.0 | 24.0 | 36.0 |
| 229 | 21.3 | 16.0 | 24.0 |

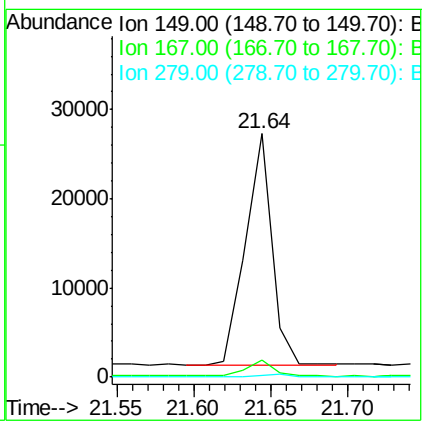


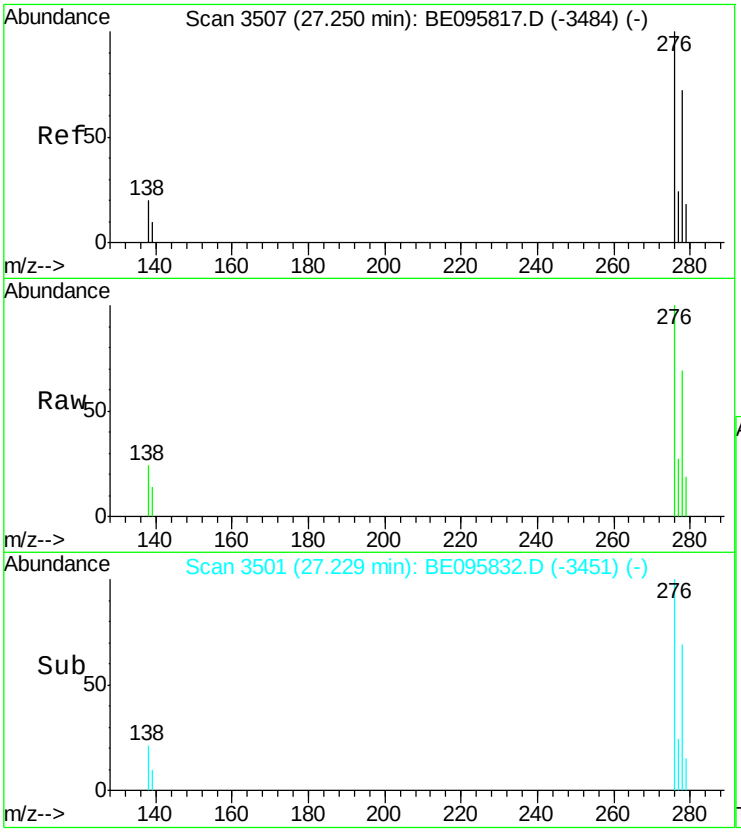




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.371 ng
RT: 21.64 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:149 Resp: 30754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 6.8 | 5.4 | 8.0 |
| 279 | 0.9 | 0.7 | 1.1 |



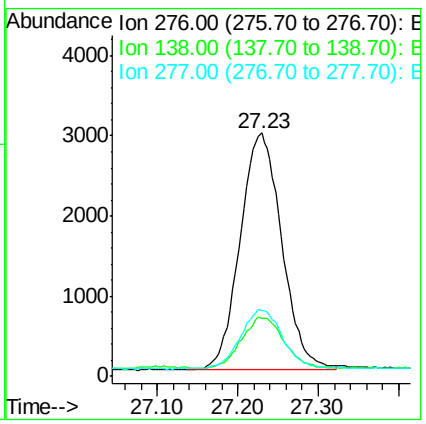


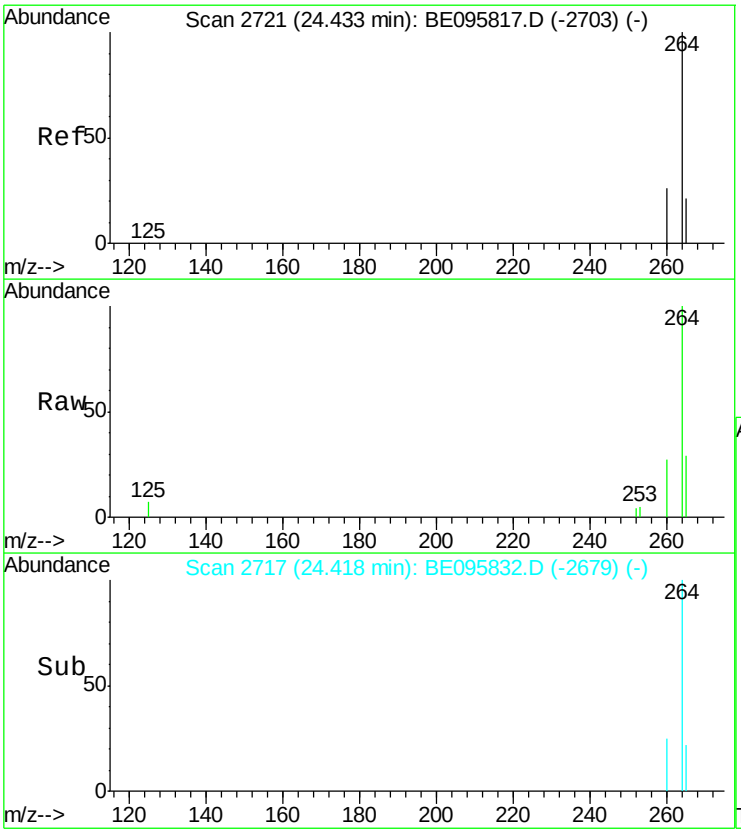

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.400 ng
RT: 27.23 min Scan# 3501
Delta R.T. -0.02 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:276 Resp: 10645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 22.2 | 22.5 | 33.7# |
| 277 | 24.8 | 19.9 | 29.9 |

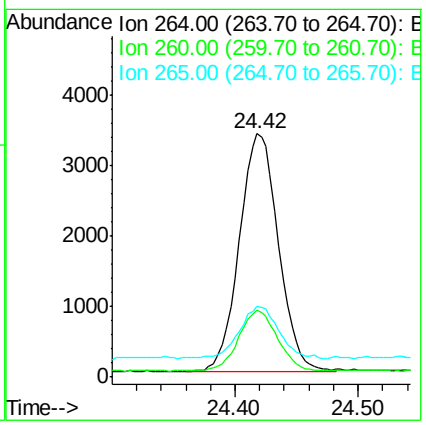


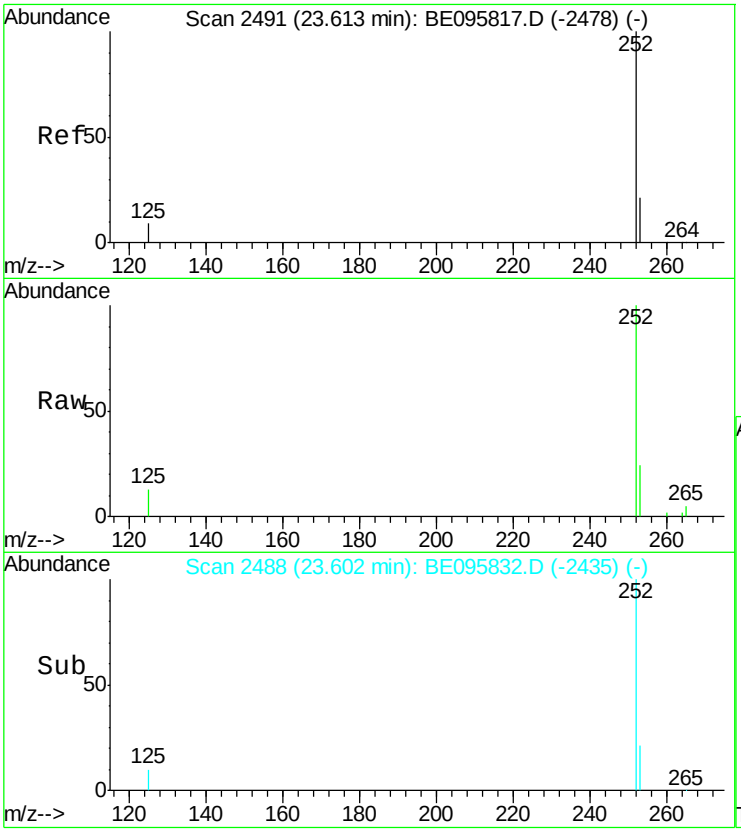




#34
Perylene-d12
Concen: 0.400 ng
RT: 24.42 min Scan# 2717
Delta R.T. -0.02 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:264 Resp: 7409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 27.3 | 20.5 | 30.7 |
| 265 | 29.0 | 22.8 | 34.2 |



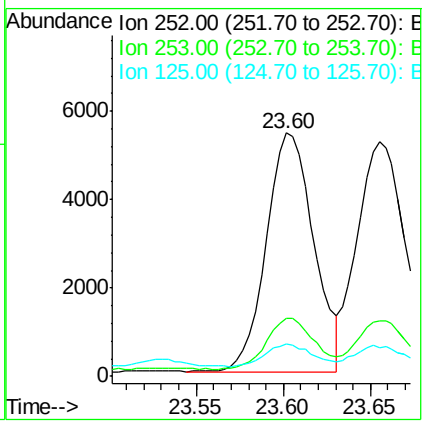


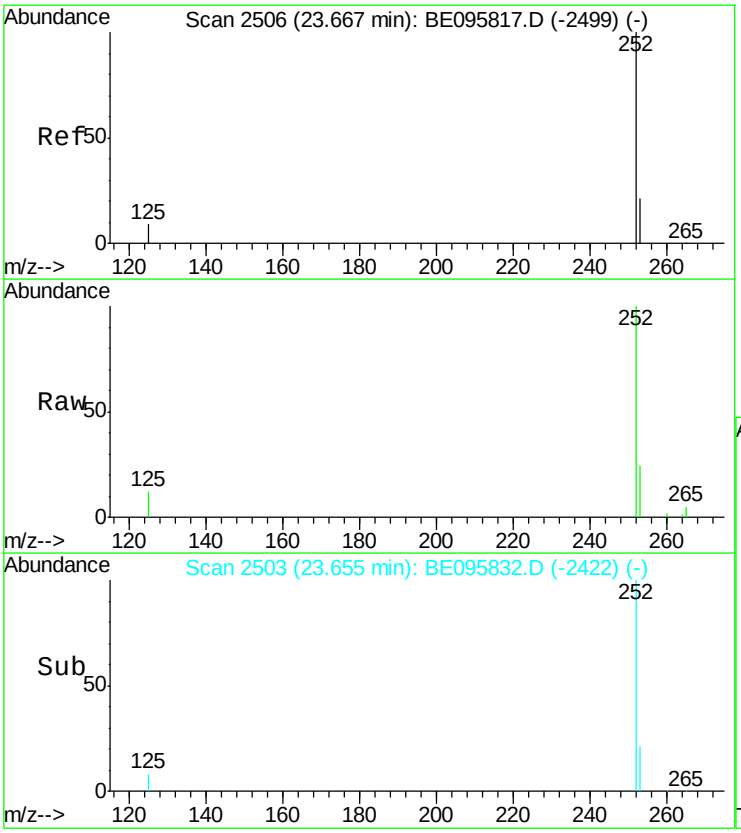

#35
Benzo(b)fluoranthene
Concen: 0.417 ng
RT: 23.60 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:252 Resp: 10214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.6 | 20.0 | 30.0 |
| 125 | 13.2 | 16.0 | 24.0# |

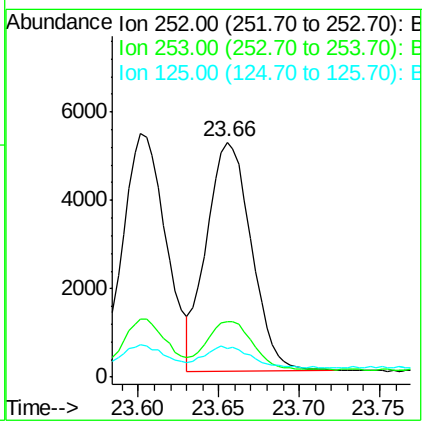


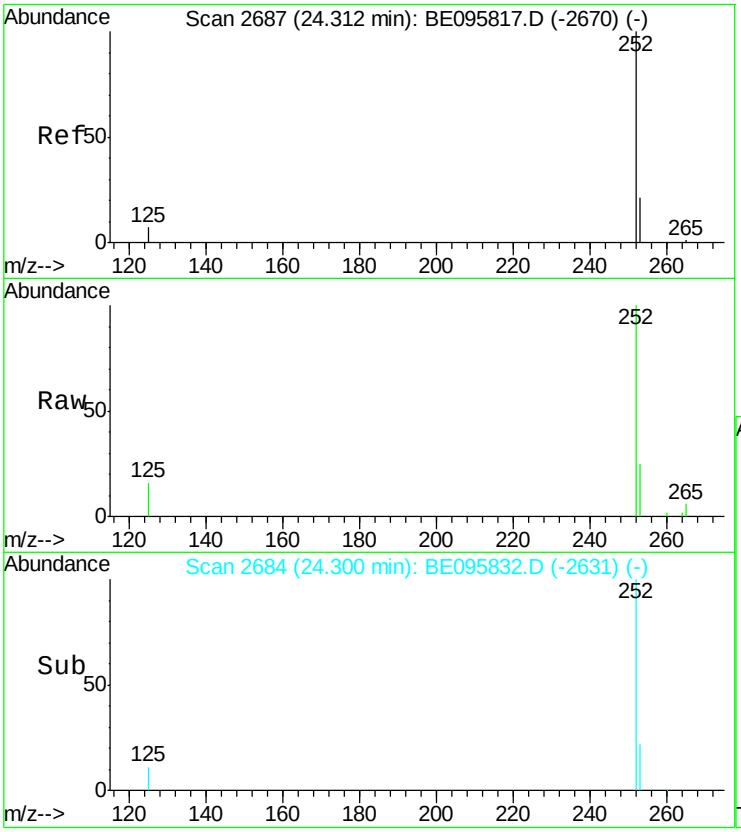




#36
Benzo(k)fluoranthene
Concen: 0.408 ng
RT: 23.66 min Scan# 2503
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:252 Resp: 9999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.7 | 16.0 | 24.0 |
| 125 | 12.4 | 8.0 | 12.0# |



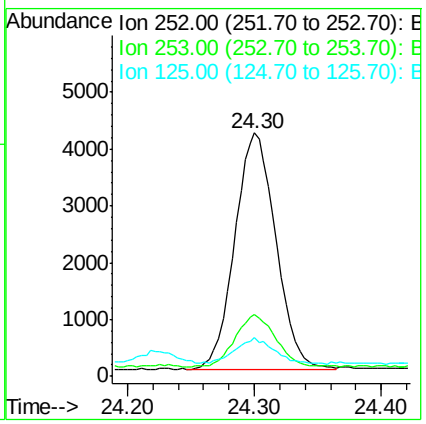


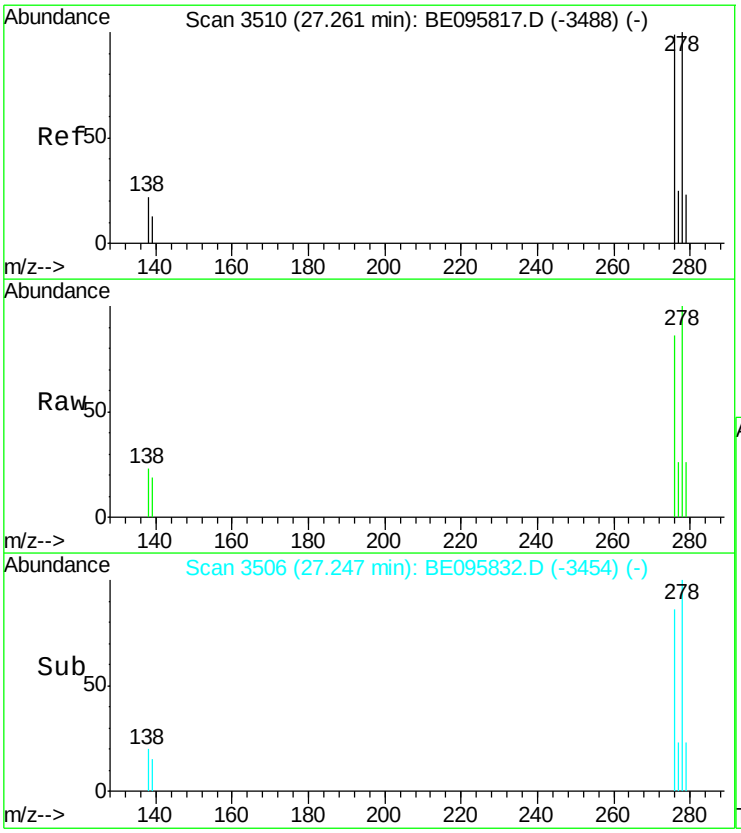

#37
Benzo(a)pyrene
Concen: 0.409 ng
RT: 24.30 min Scan# 2684
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:252 Resp: 9405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.2 | 16.0 | 24.0# |
| 125 | 16.1 | 12.0 | 18.0 |

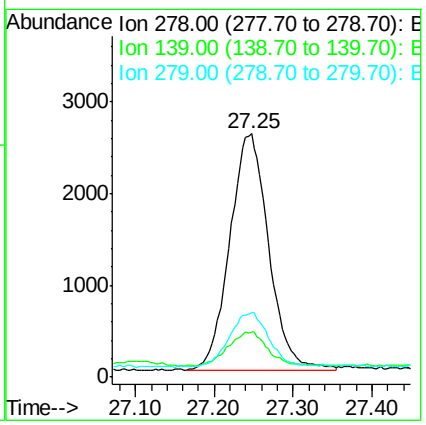


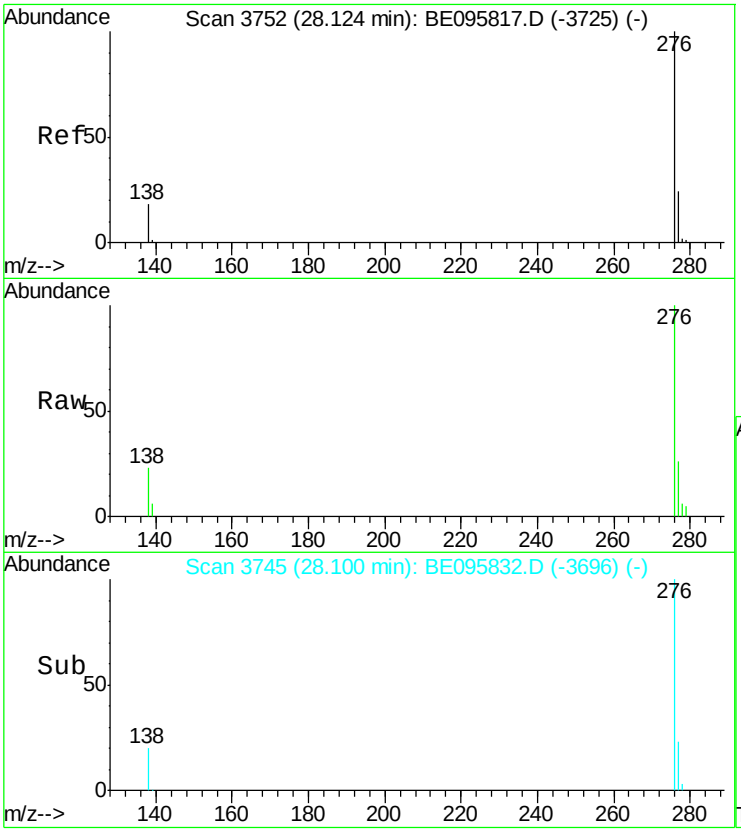




#38
Dibenzo(a,h)anthracene
Concen: 0.405 ng
RT: 27.25 min Scan# 3506
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:278 Resp: 8839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 18.8 | 16.0 | 24.0 |
| 279 | 26.4 | 20.0 | 30.0 |






#39
Benzo(g,h,i)perylene
Concen: 0.407 ng
RT: 28.10 min Scan# 3745
Delta R.T. -0.02 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

Tgt Ion:276 Resp: 8928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 26.4 | 16.0 | 24.0# |
| 138 | 23.3 | 20.0 | 30.0 |