Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041118\
Data File : BE095982.D
Acq On : 11 Apr 2018 21:56
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Apr 12 04:17:30 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 11 17:26:43 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.39 | 152 | 1323 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 11.22 | 136 | 4971 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.97 | 164 | 2805 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.67 | 188 | 6740 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.78 | 240 | 7415 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 24.39 | 264 | 7032 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.89 | 112 | 1577 | 0.39 | ng | | 0.00 |
| 5) Phenol-d6 | 7.53 | 99 | 2129 | 0.38 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.57 | 82 | 2193 | 0.38 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.76 | 152 | 3013 | 0.38 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.44 | 330 | 529 | 0.39 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.61 | 172 | 4525 | 0.38 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.66 | 212 | 34379 | 0.38 | ng | | 0.00 |
| 29) Terphenyl-d14 | 20.22 | 244 | 6355 | 0.39 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.62 | 88 | 766 | 0.375 | ng | # | 89 |
| 3) n-Nitrosodimethylamine | 3.97 | 42 | 909 | 0.363 | ng | # | 84 |
| 6) bis(2-Chloroethyl)ether | 7.79 | 93 | 1822 | 0.367 | ng | | 96 |
| 9) Naphthalene | 11.27 | 128 | 19937 | 0.380 | ng | | 100 |
| 10) Hexachlorobutadiene | 11.53 | 225 | 957 | 0.412 | ng | | 92 |
| 12) 2-Methylnaphthalene | 12.83 | 142 | 3342 | 0.385 | ng | | 98 |
| 16) Acenaphthylene | 14.69 | 152 | 5543 | 0.370 | ng | | 98 |
| 17) Acenaphthene | 15.04 | 154 | 3372 | 0.375 | ng | | 95 |
| 18) Fluorene | 15.99 | 166 | 4167 | 0.374 | ng | # | 77 |
| 20) 4-Bromophenyl-phenylether | 16.87 | 248 | 1513 | 0.378 | ng | # | 83 |
| 21) Hexachlorobenzene | 17.00 | 284 | 1506 | 0.378 | ng | # | 84 |
| 22) Pentachlorophenol | 17.33 | 266 | 494 | 0.404 | ng | # | 73 |
| 23) Phenanthrene | 17.72 | 178 | 7016 | 0.371 | ng | | 99 |
| 24) Anthracene | 17.81 | 178 | 6765 | 0.374 | ng | | 95 |
| 26) Fluoranthene | 19.69 | 202 | 9206 | 0.370 | ng | | 98 |
| 28) Pyrene | 20.05 | 202 | 5482 | 0.375 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.75 | 228 | 8835 | 0.372 | ng | | 98 |
| 31) Chrysene | 21.81 | 228 | 8625 | 0.376 | ng | | 98 |
| 32) Bis(2-ethylhexyl)phthalate | 21.62 | 149 | 23895 | 0.389 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 27.18 | 276 | 8463 | 0.380 | ng | | 94 |
| 35) Benzo(b)fluoranthene | 23.58 | 252 | 7936 | 0.376 | ng | # | 91 |
| 36) Benzo(k)fluoranthene | 23.63 | 252 | 8060 | 0.371 | ng | # | 91 |
| 37) Benzo(a)pyrene | 24.27 | 252 | 7565 | 0.373 | ng | # | 94 |
| 38) Dibenzo(a,h)anthracene | 27.20 | 278 | 6942 | 0.388 | ng | | 98 |
| 39) Benzo(g,h,i)perylene | 28.06 | 276 | 7013 | 0.371 | ng | # | 90 |

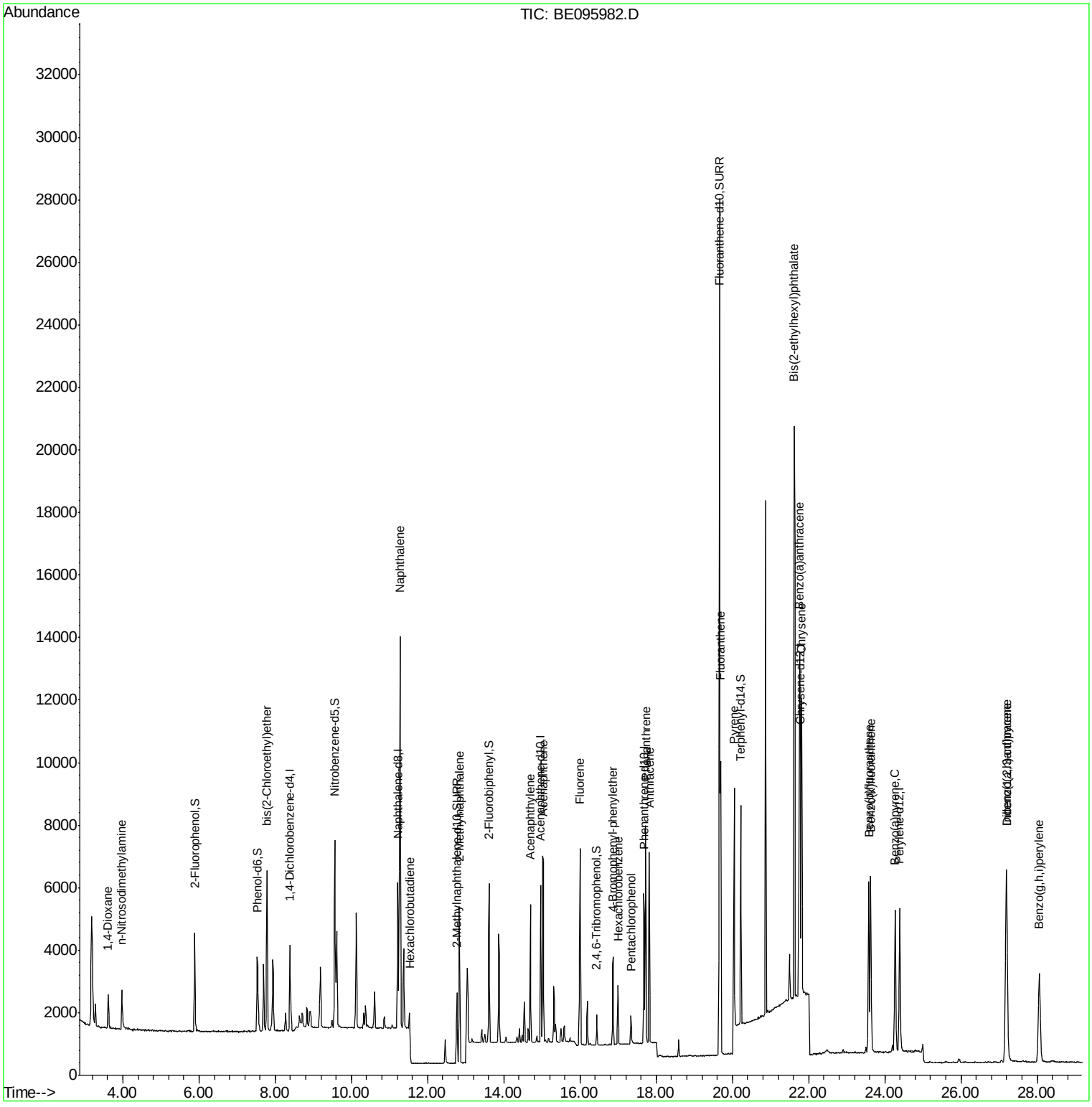
(#) = qualifier out of range (m) = manual integration (+) = signals summed

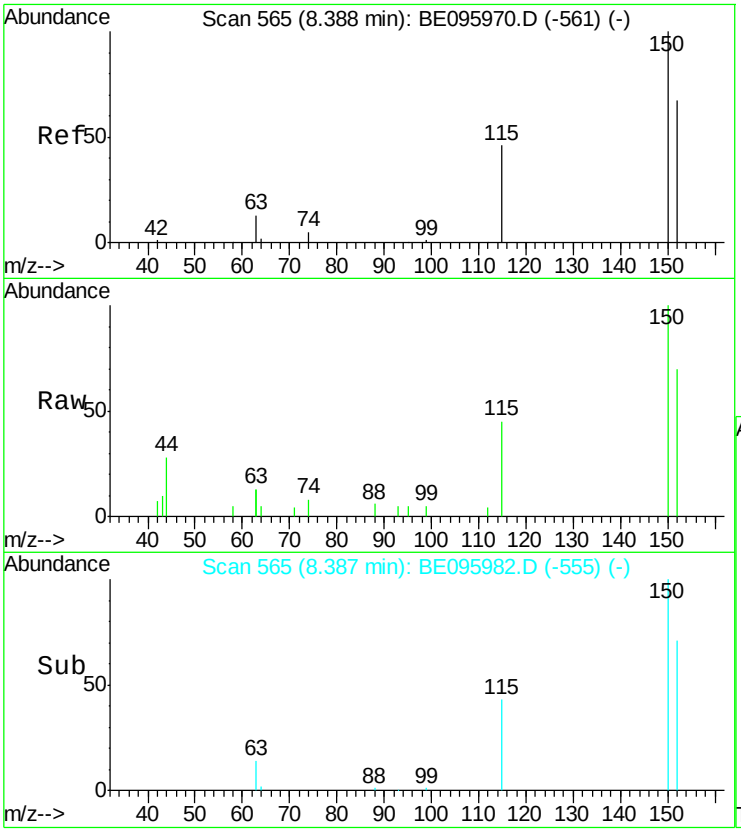
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041118\
Data File : BE095982.D
Acq On : 11 Apr 2018 21:56
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Apr 12 04:17:30 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 11 17:26:43 2018
Response via : Initial Calibration



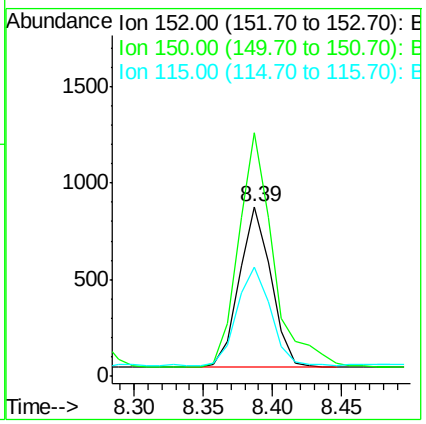


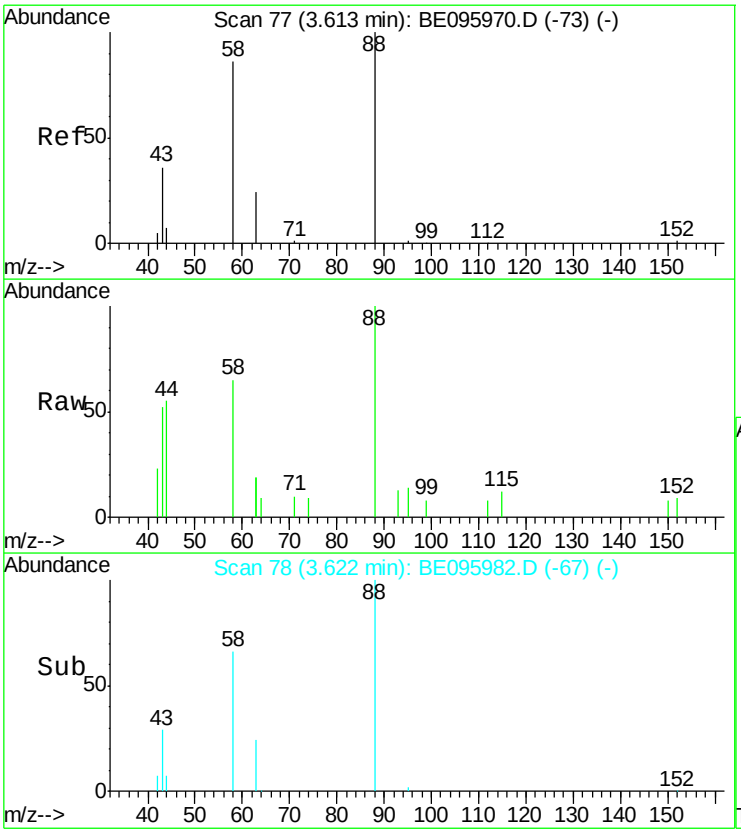

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.39 min Scan# 565
Delta R.T. -0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

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

Tgt Ion:152 Resp: 1323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 143.6 | 117.2 | 175.8 |
| 115 | 64.3 | 57.0 | 85.6 |

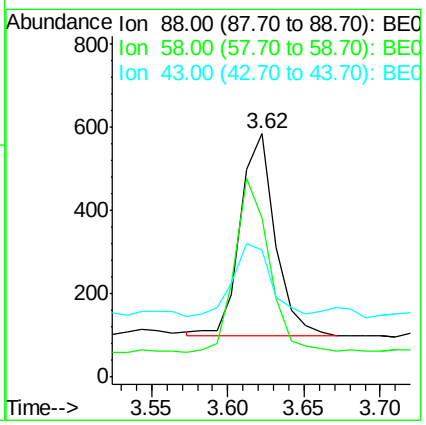


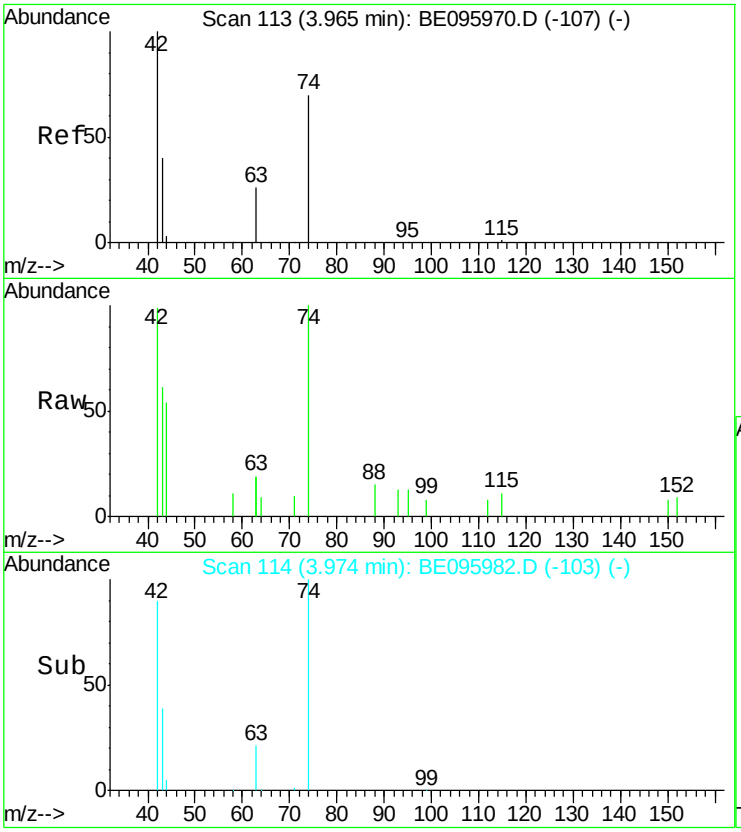




#2
1,4-Dioxane
Concen: 0.375 ng
RT: 3.62 min Scan# 78
Delta R.T. 0.01 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

Tgt Ion: 88 Resp: 766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 86.2 | 63.2 | 94.8 |
| 43 | 40.5 | 41.2 | 61.8# |



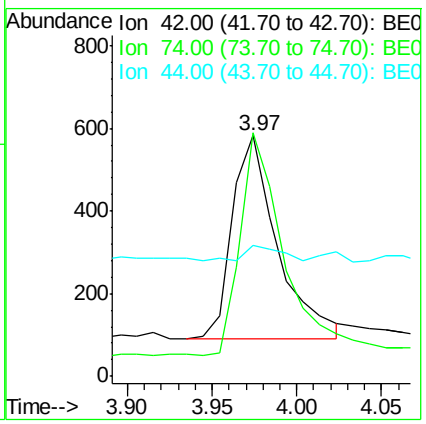


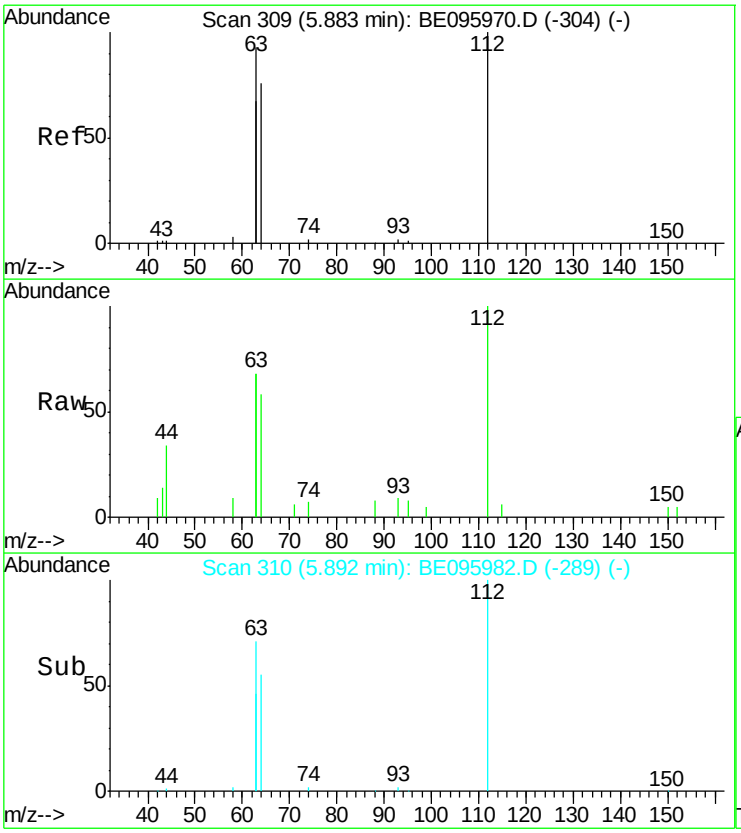

#3
n-Nitrosodimethylamine
Concen: 0.363 ng
RT: 3.97 min Scan# 114
Delta R.T. 0.01 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

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

Tgt Ion: 42 Resp: 909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 103.4 | 96.0 | 144.0 |
| 44 | 5.9 | 12.0 | 18.0# |

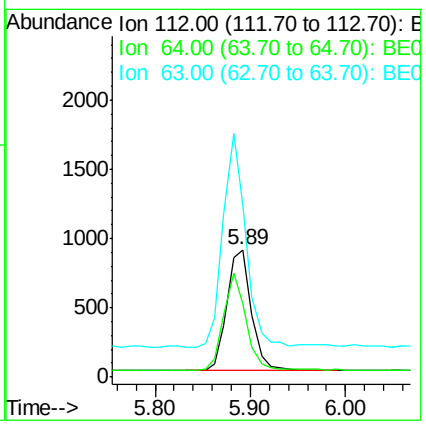


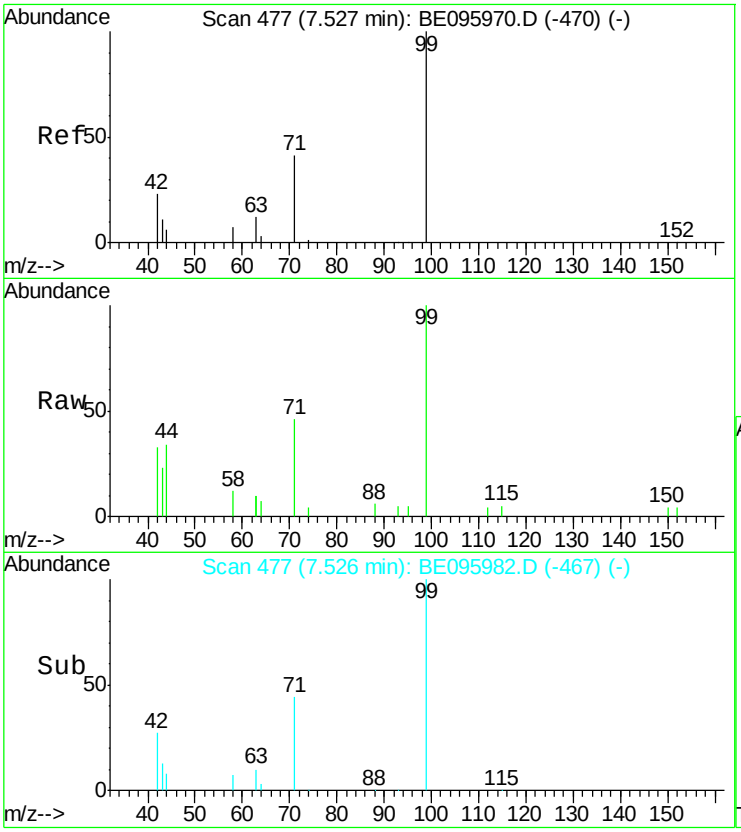




#4
2-Fluorophenol
Concen: 0.385 ng
RT: 5.89 min Scan# 310
Delta R.T. 0.01 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

Tgt Ion:112 Resp: 1577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 74.4 | 60.1 | 90.1 |
| 63 | 159.3 | 116.8 | 175.2 |



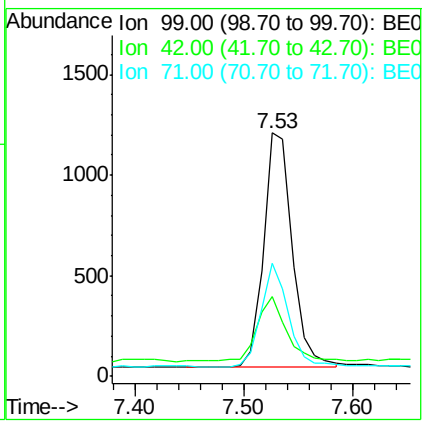


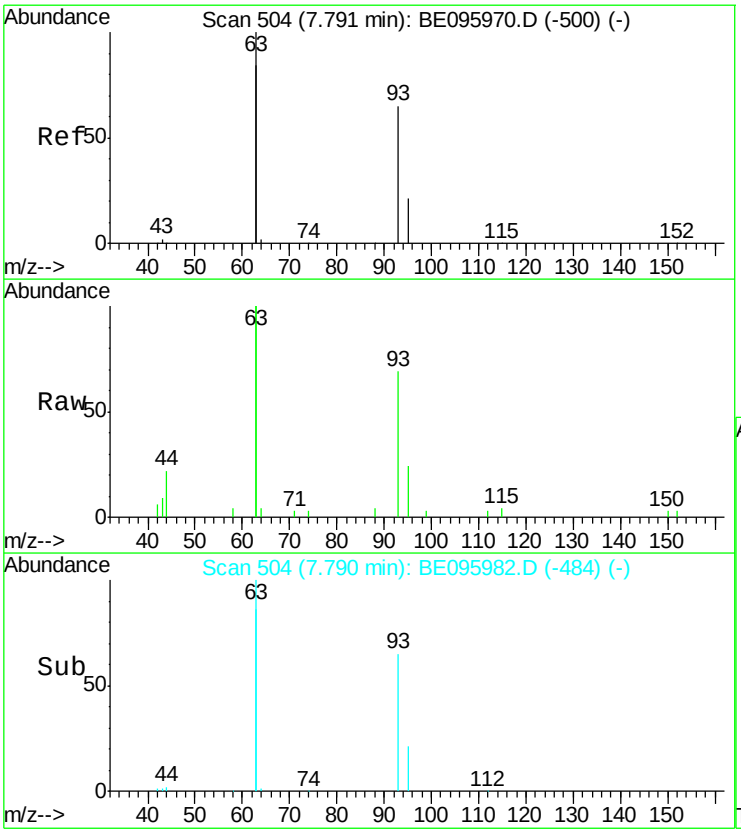

#5
Phenol-d6
Concen: 0.377 ng
RT: 7.53 min Scan# 477
Delta R.T. -0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

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

Tgt Ion: 99 Resp: 2129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 27.0 | 20.2 | 30.2 |
| 71 | 41.6 | 28.4 | 42.6 |

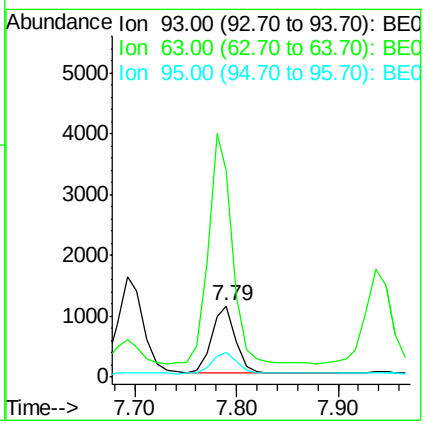


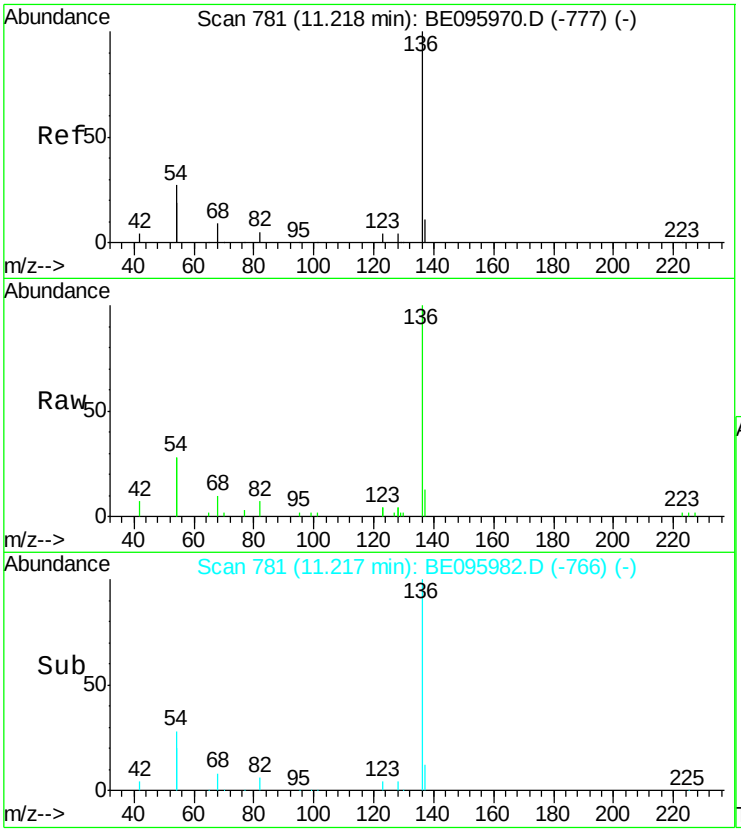




#6
bis(2-Chloroethyl)ether
Concen: 0.367 ng
RT: 7.79 min Scan# 504
Delta R.T. -0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

Tgt Ion: 93 Resp: 1822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 335.5 | 275.3 | 412.9 |
| 95 | 33.0 | 25.2 | 37.8 |



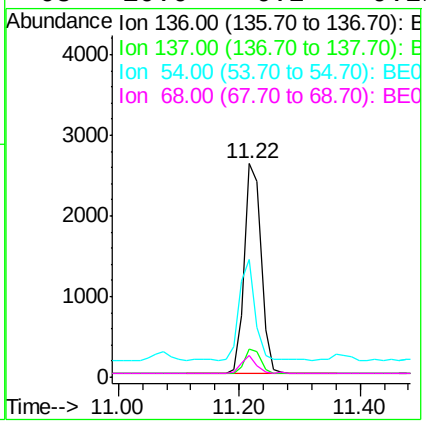


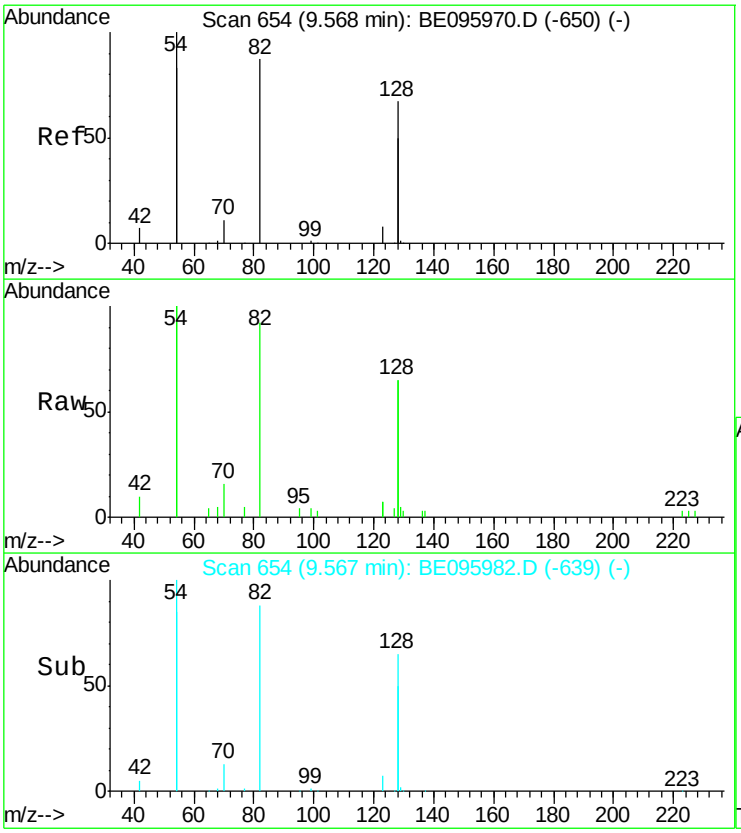

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.22 min Scan# 781
Delta R.T. -0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

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

Tgt Ion:136 Resp: 4971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 13.2 | 9.5 | 14.3 |
| 54 | 55.3 | 29.1 | 43.7# |
| 68 | 10.0 | 6.2 | 9.2# |

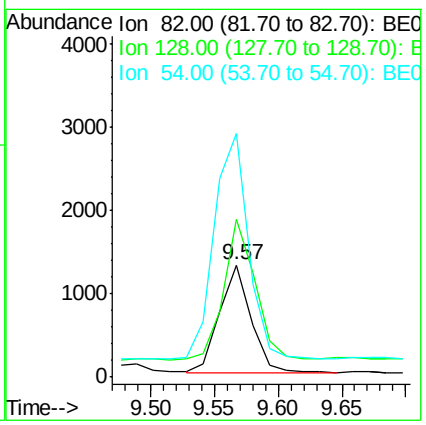


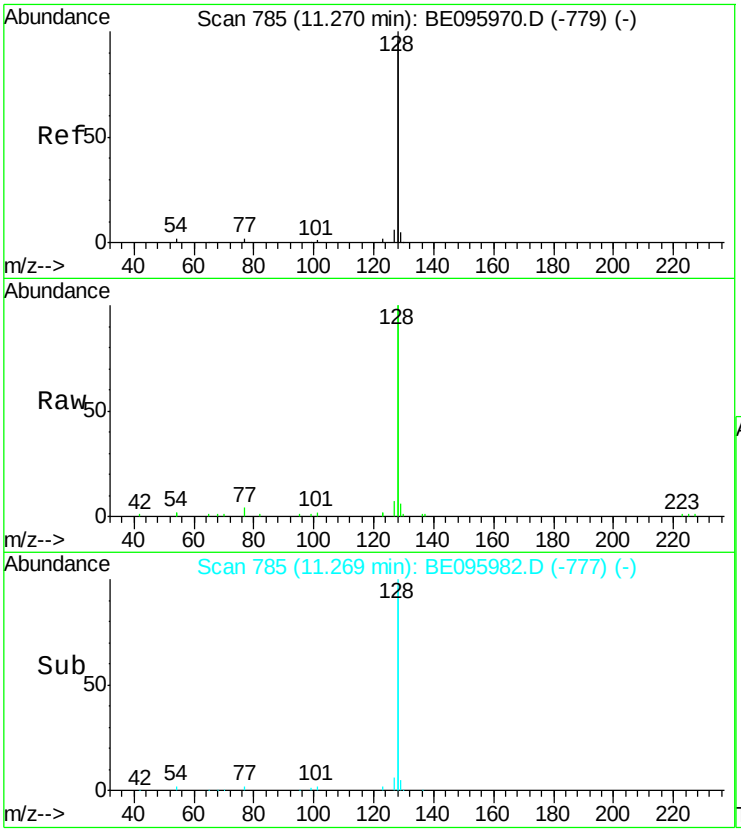




#8
Nitrobenzene-d5
Concen: 0.376 ng
RT: 9.57 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

Tgt Ion: 82 Resp: 2193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 141.3 | 150.0 | 225.0# |
| 54 | 217.7 | 154.2 | 231.4 |



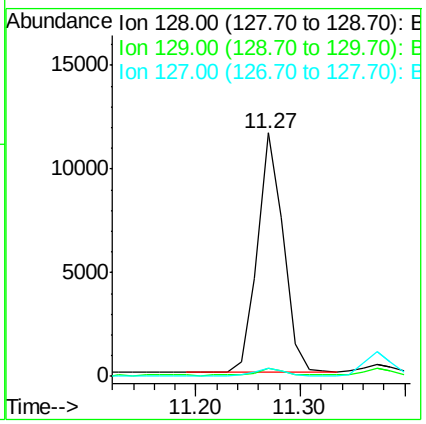


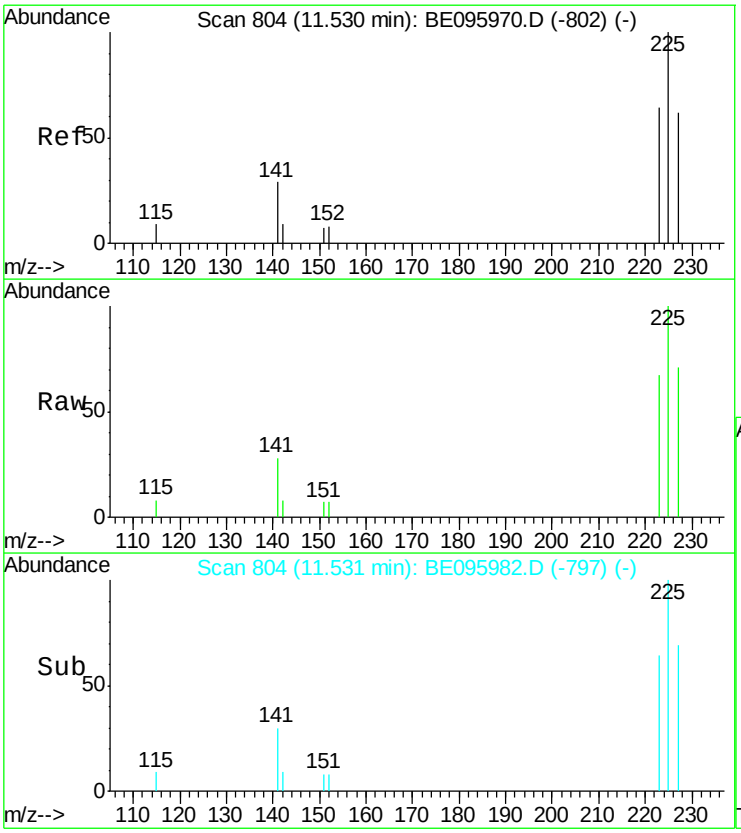

#9
Naphthalene
Concen: 0.380 ng
RT: 11.27 min Scan# 785
Delta R.T. -0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

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

Tgt Ion:128 Resp: 19937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 3.1 | 2.6 | 3.8 |
| 127 | 3.5 | 2.8 | 4.2 |

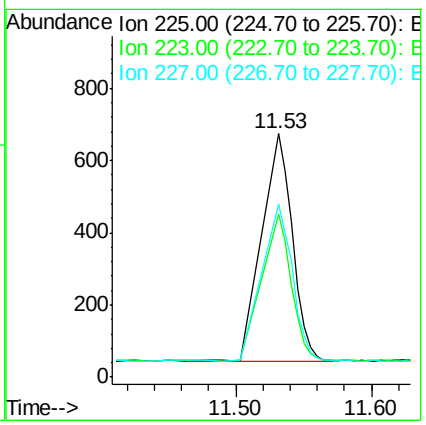


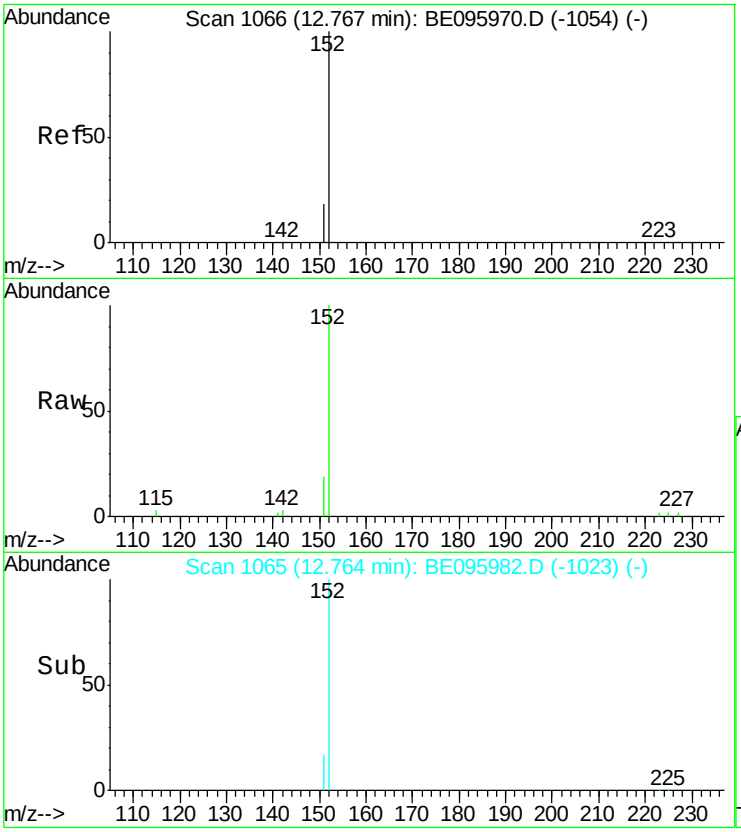




#10
Hexachlorobutadiene
Concen: 0.412 ng
RT: 11.53 min Scan# 804
Delta R.T. 0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

Tgt Ion:225 Resp: 957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 55.9 | 53.0 | 79.6 |
| 227 | 62.3 | 51.4 | 77.2 |



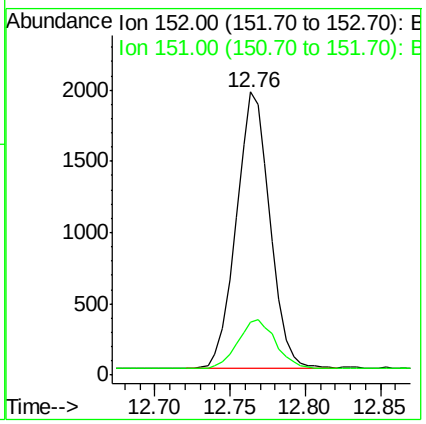


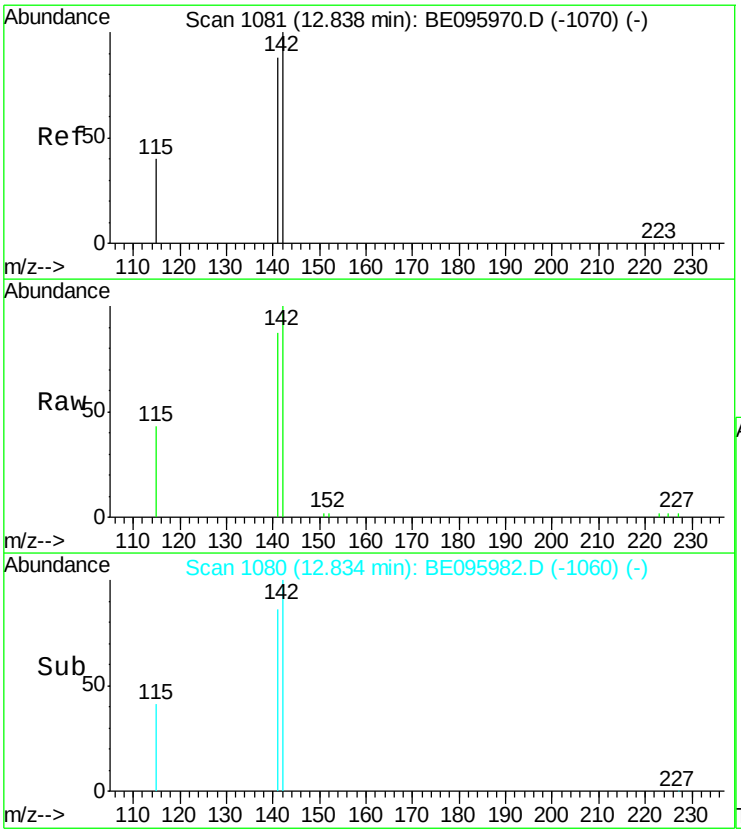

#11
2-Methylnaphthalene-d10
Concen: 0.382 ng
RT: 12.76 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

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

Tgt Ion:152 Resp: 3013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.9 | 15.4 | 23.0 |

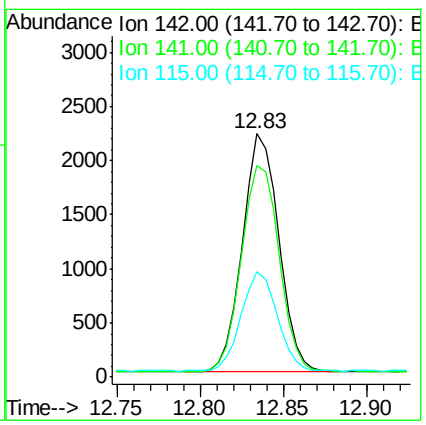


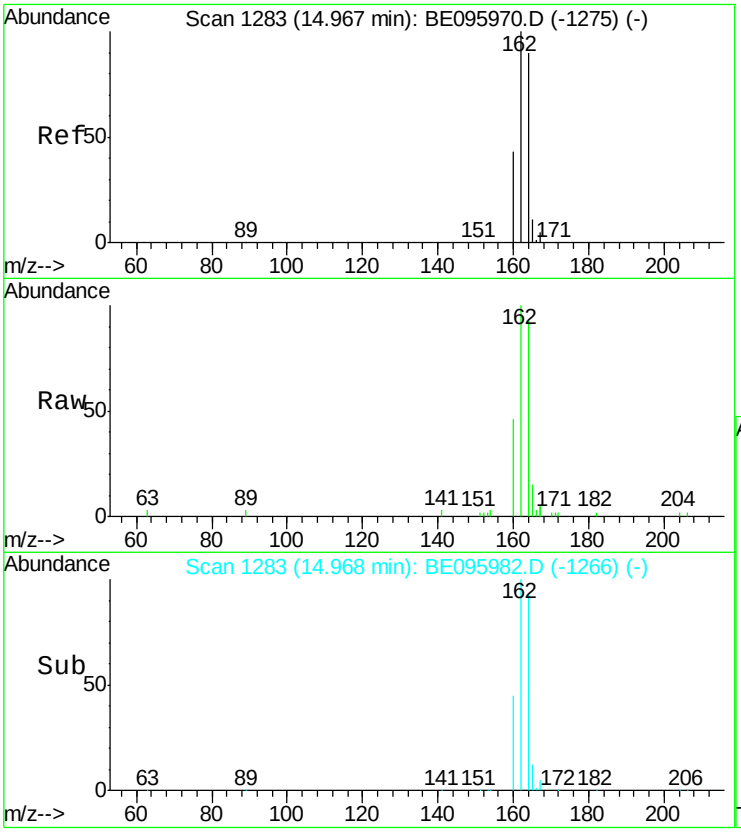




#12
2-Methylnaphthalene
Concen: 0.385 ng
RT: 12.83 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

Tgt Ion:142 Resp: 3342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.1 | 70.4 | 105.6 |
| 115 | 43.1 | 31.7 | 47.5 |



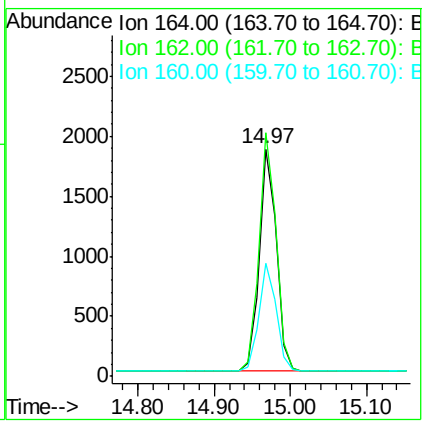


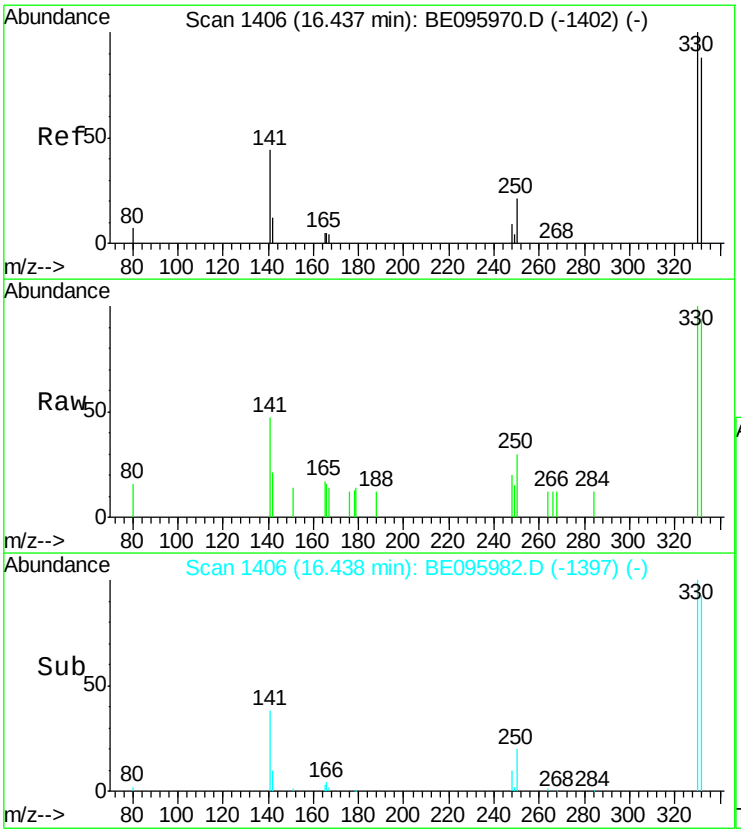

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.97 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

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

Tgt Ion:164 Resp: 2805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 107.1 | 83.1 | 124.7 |
| 160 | 49.8 | 37.1 | 55.7 |

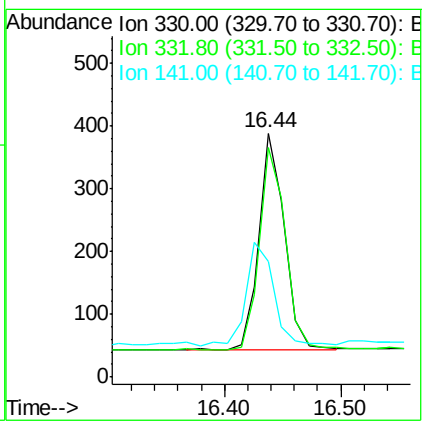


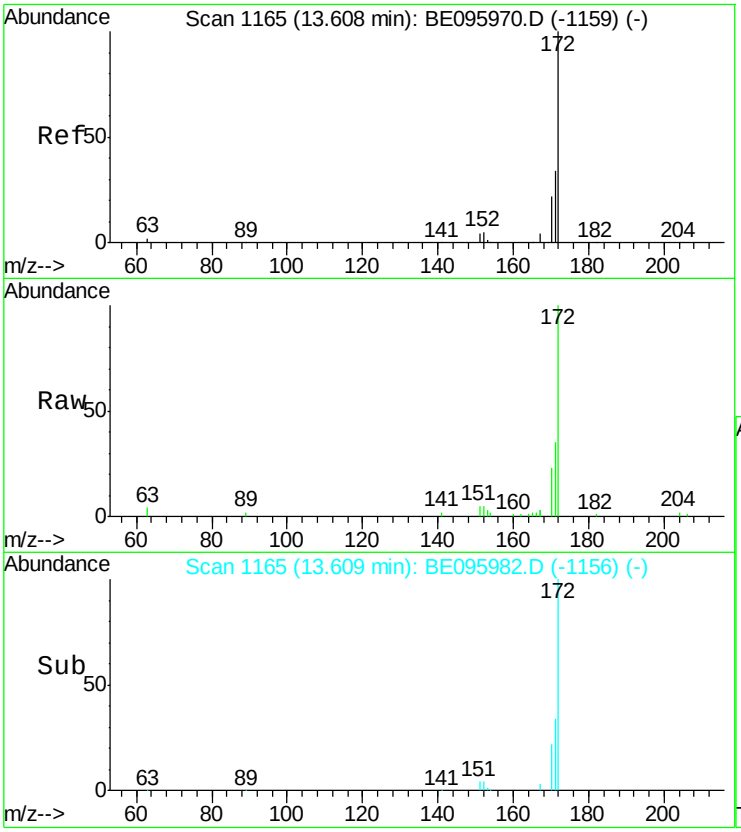




#14
2,4,6-Tribromophenol
Concen: 0.391 ng
RT: 16.44 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

Tgt Ion:330 Resp: 529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 93.4 | 152.7 | 229.1# |
| 141 | 53.3 | 33.7 | 50.5# |



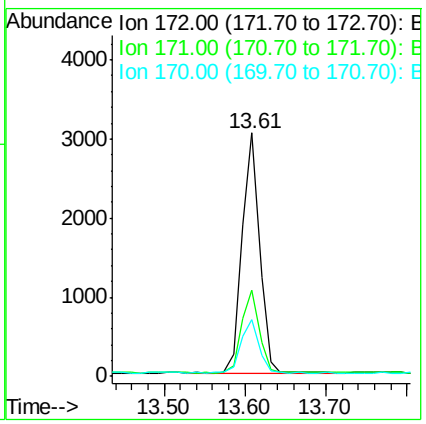


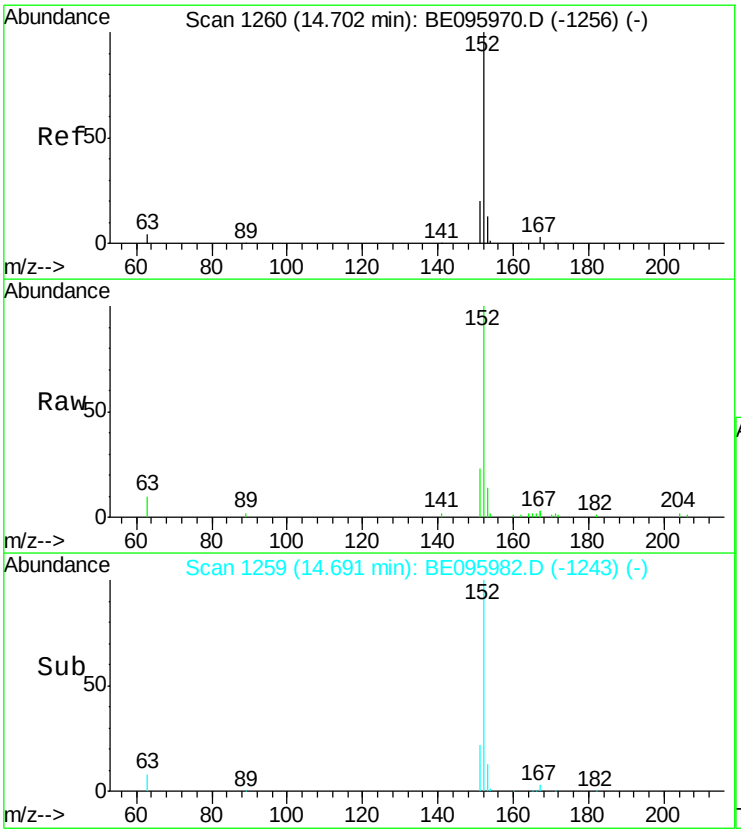

#15
2-Fluorobiphenyl
Concen: 0.377 ng
RT: 13.61 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

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

Tgt Ion:172 Resp: 4525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.3 | 29.9 | 44.9 |
| 170 | 23.1 | 21.8 | 32.8 |

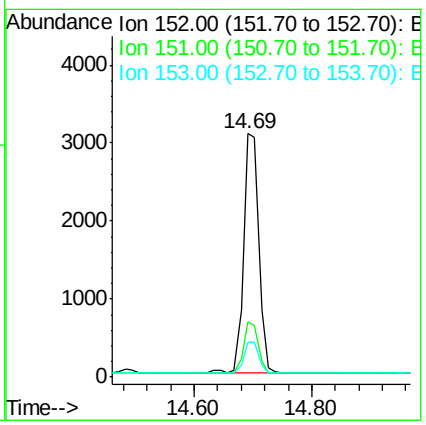


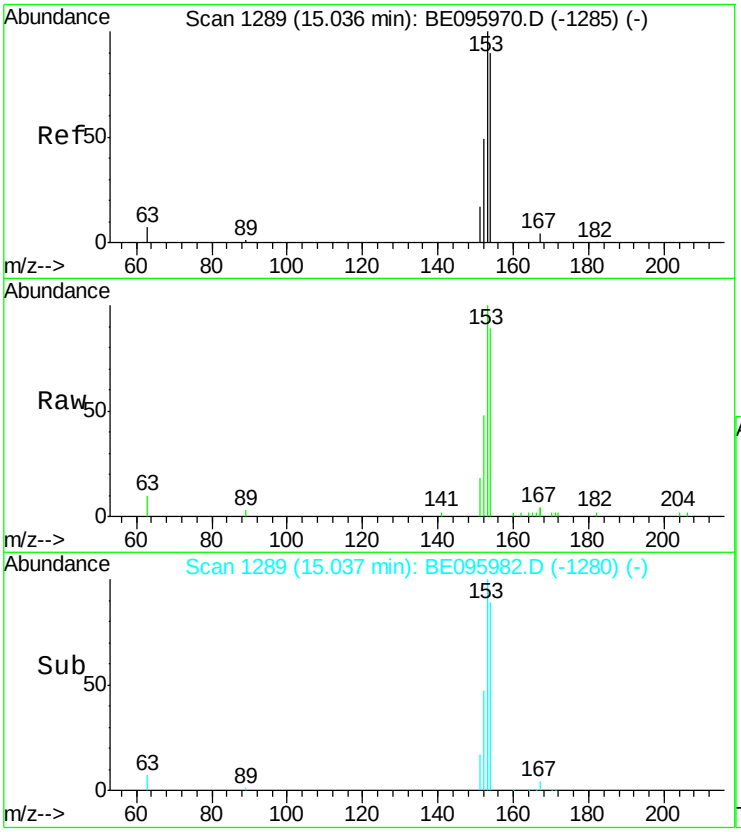




#16
Acenaphthylene
Concen: 0.370 ng
RT: 14.69 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

Tgt Ion:152 Resp: 5543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.9 | 15.7 | 23.5 |
| 153 | 13.0 | 10.5 | 15.7 |



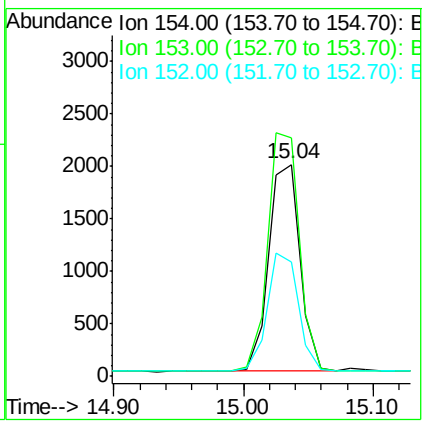


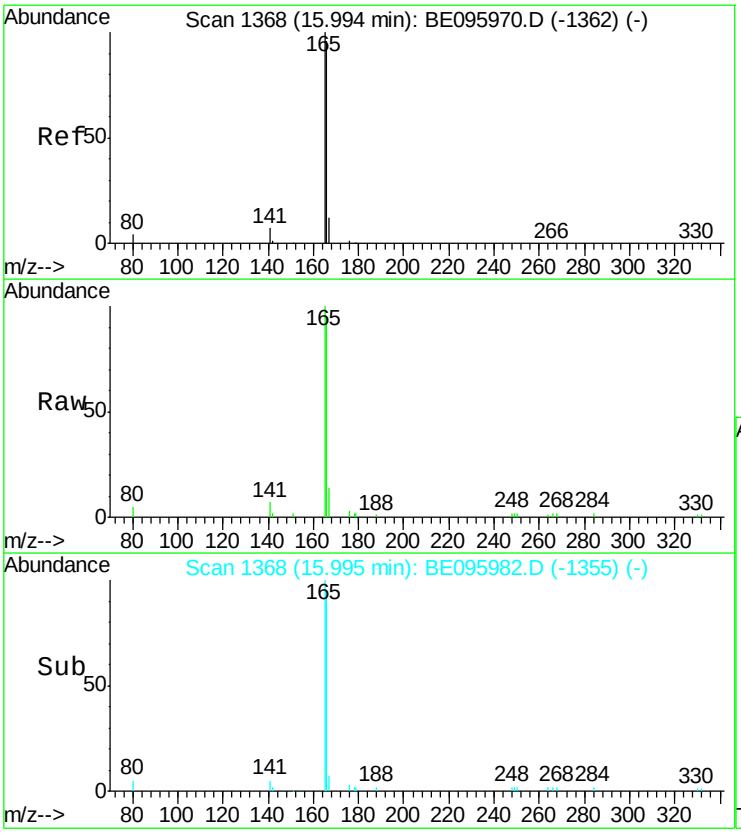

#17
Acenaphthene
Concen: 0.375 ng
RT: 15.04 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

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

Tgt Ion:154 Resp: 3372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.6 | 89.2 | 133.8 |
| 152 | 57.2 | 42.0 | 63.0 |

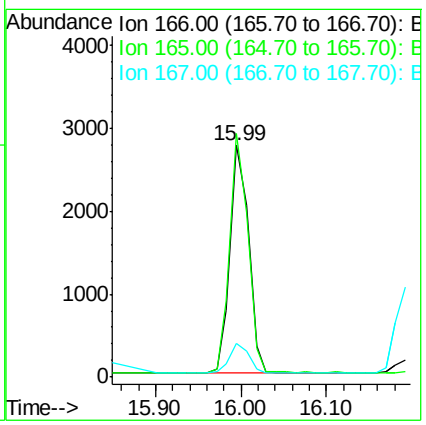


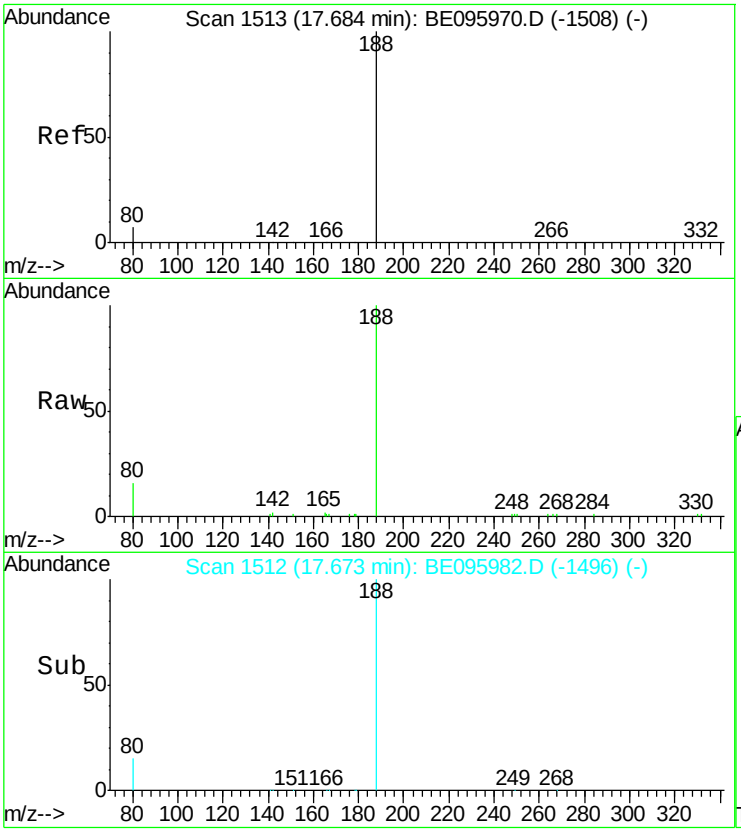




#18
Fluorene
Concen: 0.374 ng
RT: 15.99 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

Tgt Ion:166 Resp: 4167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 102.5 | 77.8 | 116.6 |
| 167 | 13.7 | 42.4 | 63.6# |



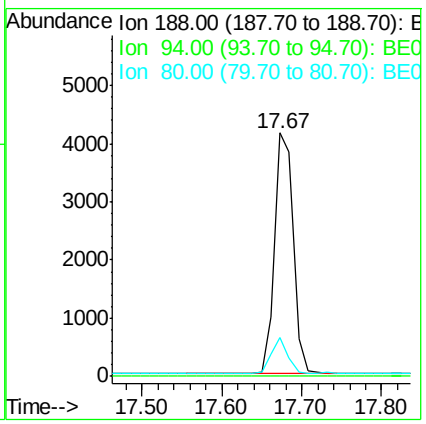


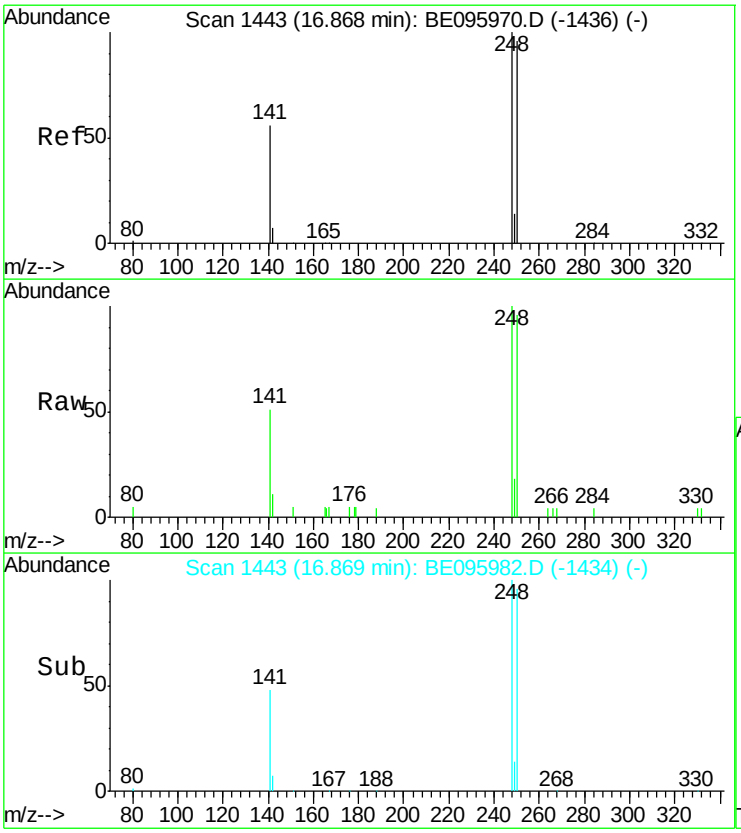

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.67 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

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

Tgt Ion:188 Resp: 6740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 3.9 | 5.9# |
| 80 | 16.1 | 3.6 | 5.4# |

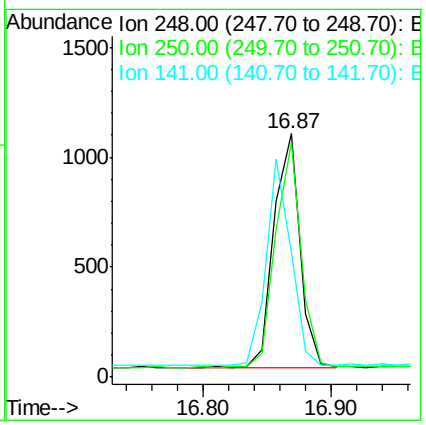


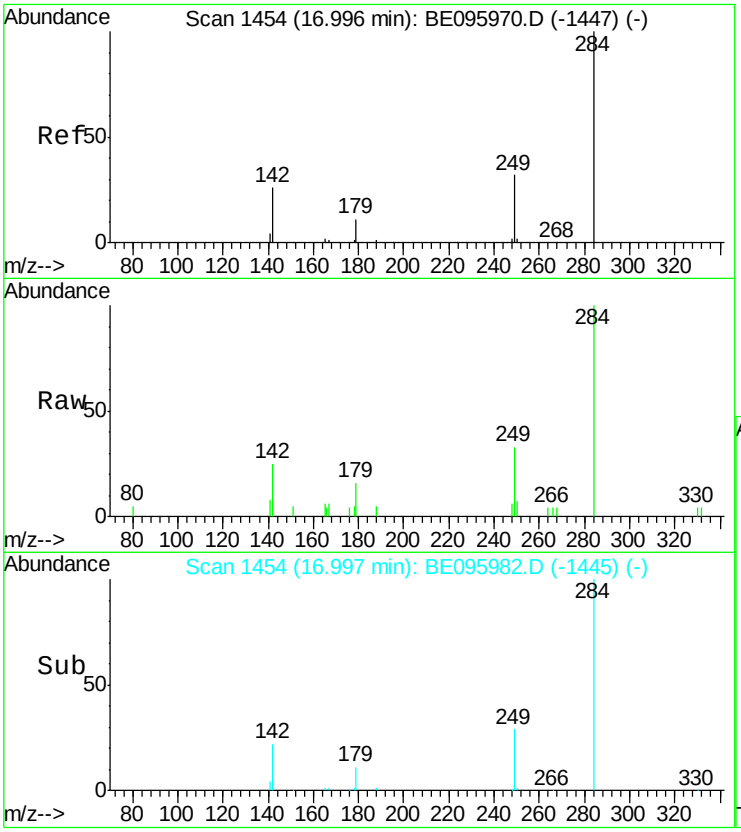




#20
4-Bromophenyl-phenylether
Concen: 0.378 ng
RT: 16.87 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

Tgt Ion:248 Resp: 1513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.5 | 62.7 | 94.1# |
| 141 | 51.2 | 48.2 | 72.2 |



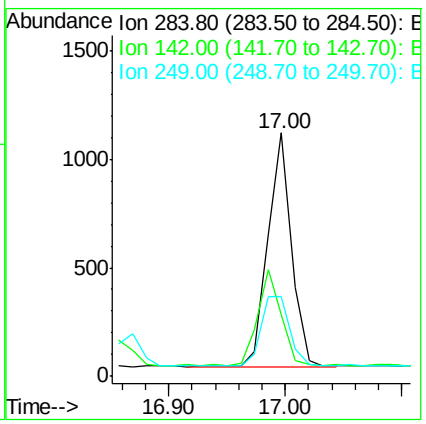


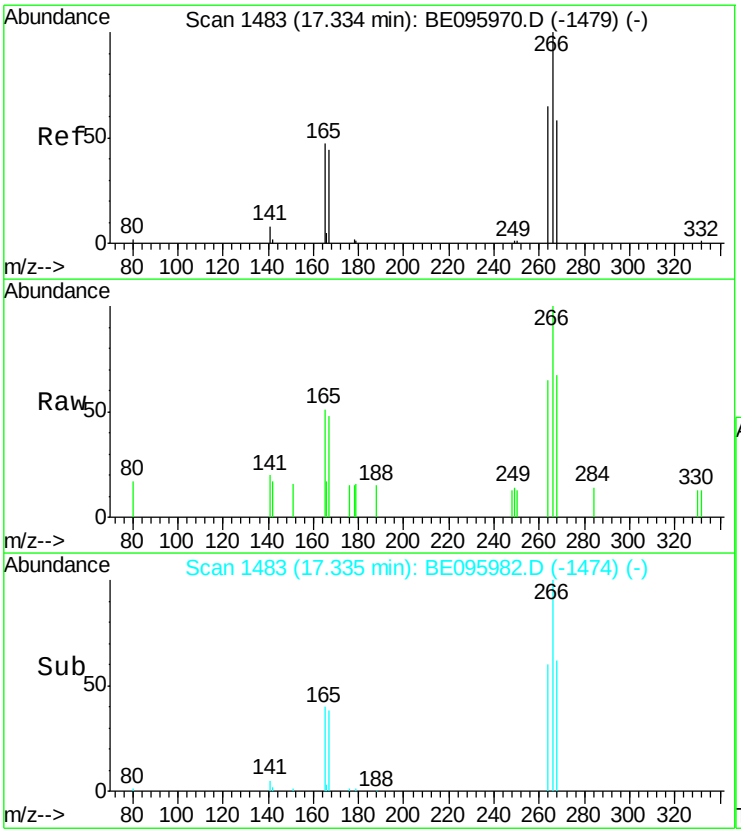

#21
Hexachlorobenzene
Concen: 0.378 ng
RT: 17.00 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

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

Tgt Ion:284 Resp: 1506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 41.2 | 22.1 | 33.1# |
| 249 | 36.9 | 34.8 | 52.2 |

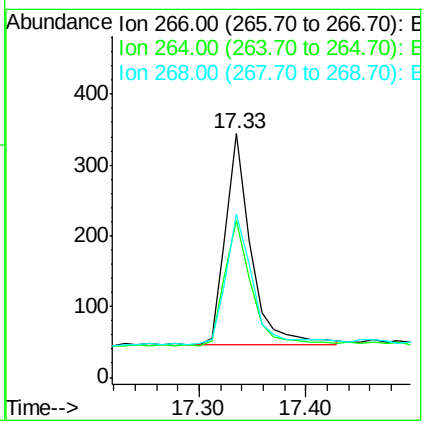


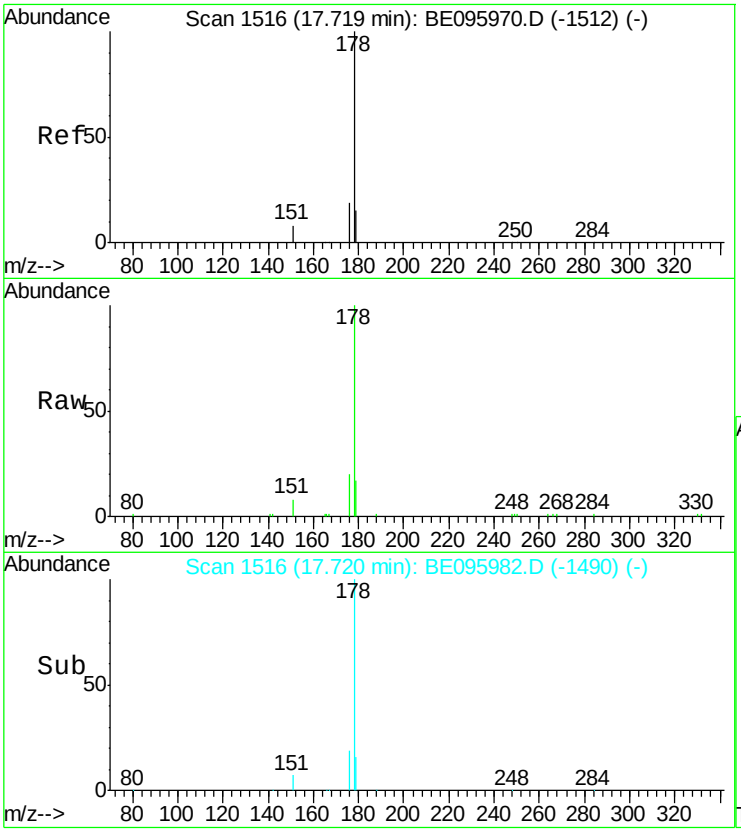




#22
Pentachlorophenol
Concen: 0.404 ng
RT: 17.33 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

Tgt Ion:266 Resp: 494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 64.5 | 72.5 | 108.7# |
| 268 | 66.9 | 73.8 | 110.6# |



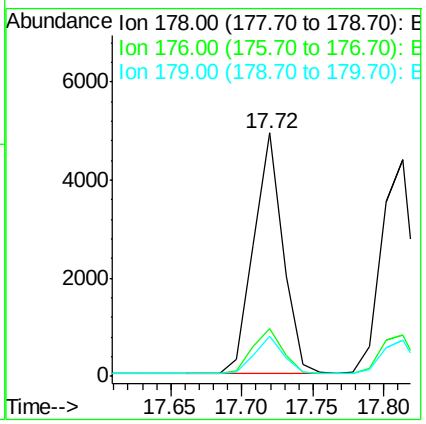


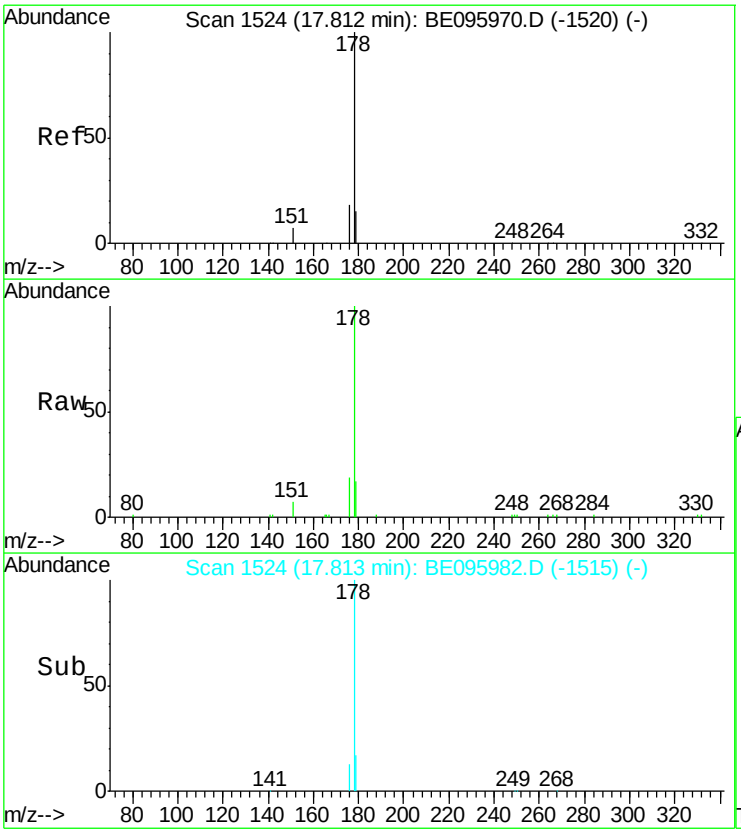

#23
Phenanthrene
Concen: 0.371 ng
RT: 17.72 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

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

Tgt Ion:178 Resp: 7016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 15.1 | 22.7 |
| 179 | 15.1 | 11.8 | 17.6 |

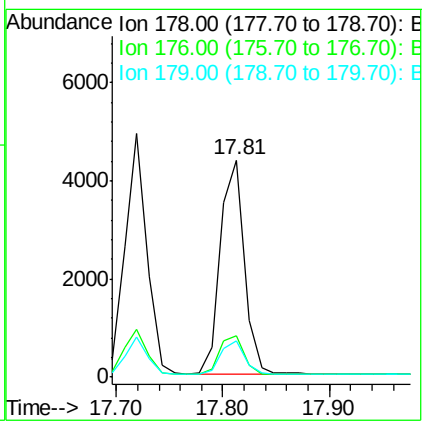


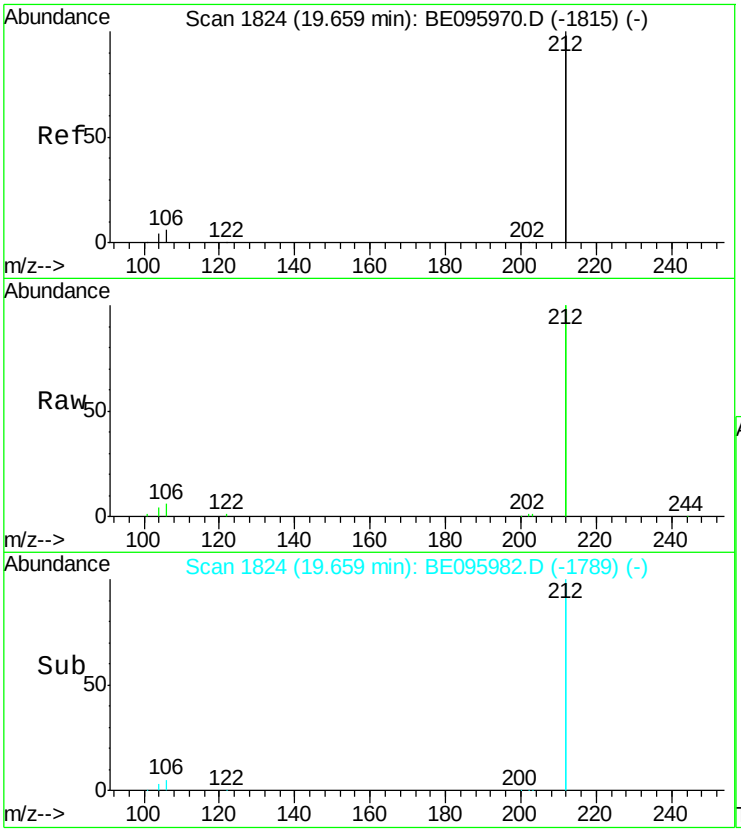




#24
Anthracene
Concen: 0.374 ng
RT: 17.81 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

Tgt Ion:178 Resp: 6765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.9 | 12.8 | 19.2 |
| 179 | 15.3 | 13.0 | 19.6 |



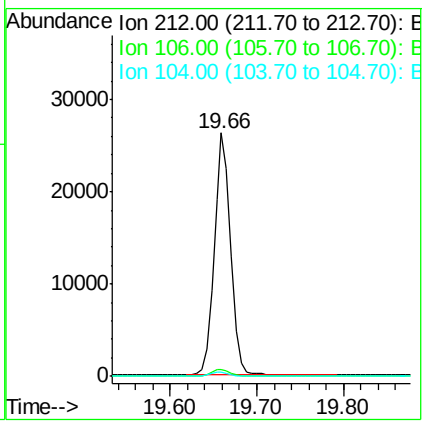


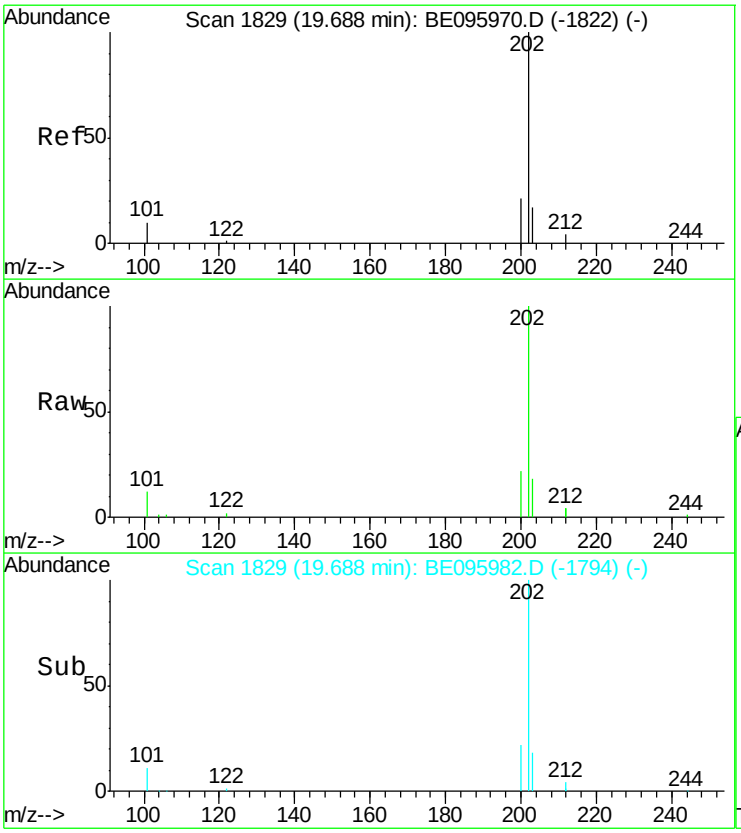

#25
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.66 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

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

Tgt Ion:212 Resp: 34379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 2.9 | 2.8 | 4.2 |
| 104 | 1.7 | 1.6 | 2.4 |

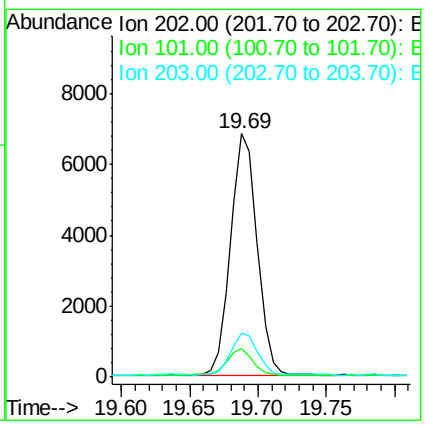


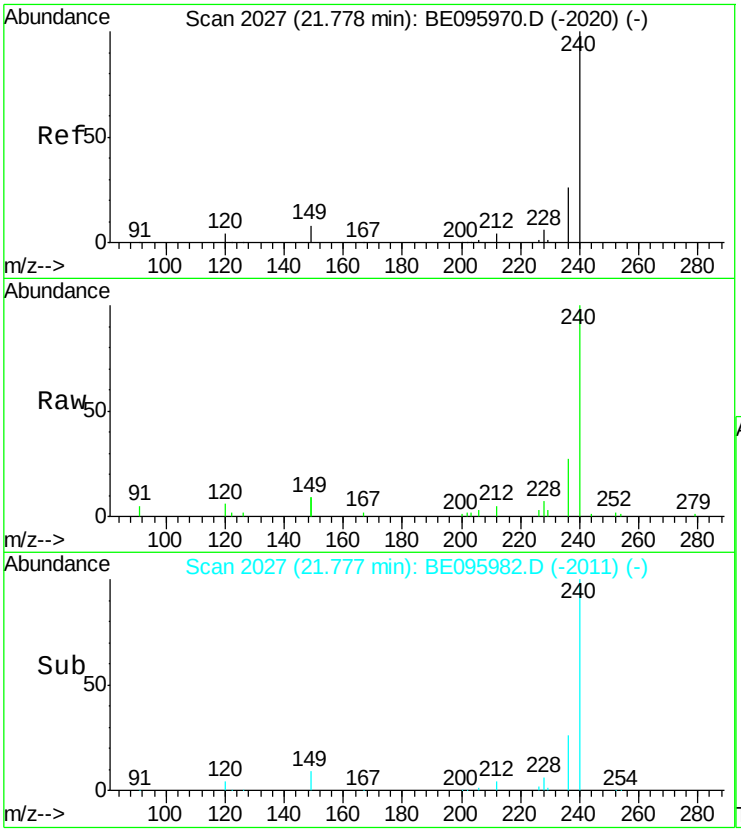




#26
Fluoranthene
Concen: 0.370 ng
RT: 19.69 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

Tgt Ion:202 Resp: 9206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.9 | 9.8 | 14.8 |
| 203 | 17.6 | 13.7 | 20.5 |



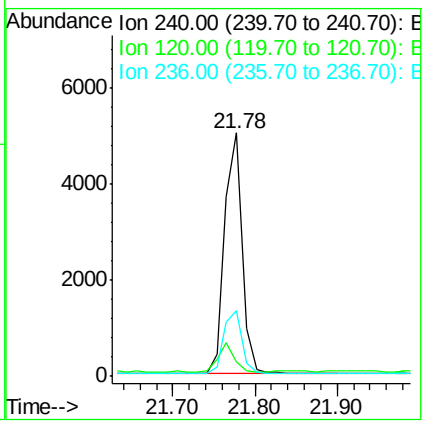


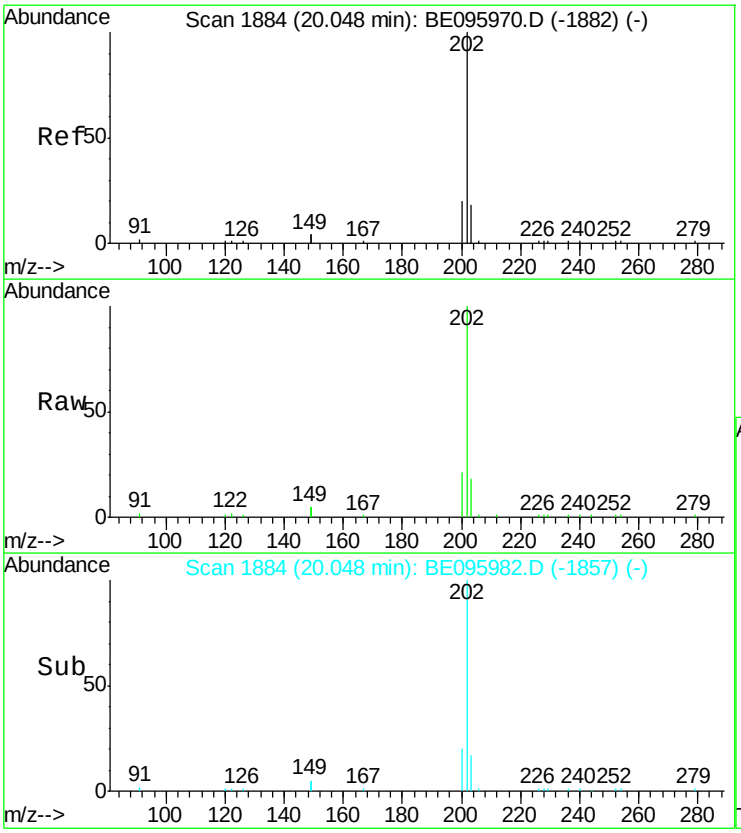

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.78 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

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

Tgt Ion:240 Resp: 7415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.9 | 5.5 | 8.3 |
| 236 | 26.9 | 20.7 | 31.1 |

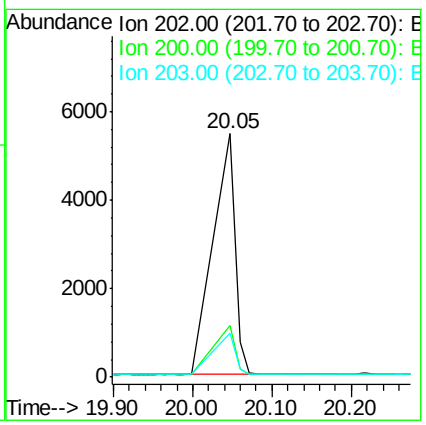


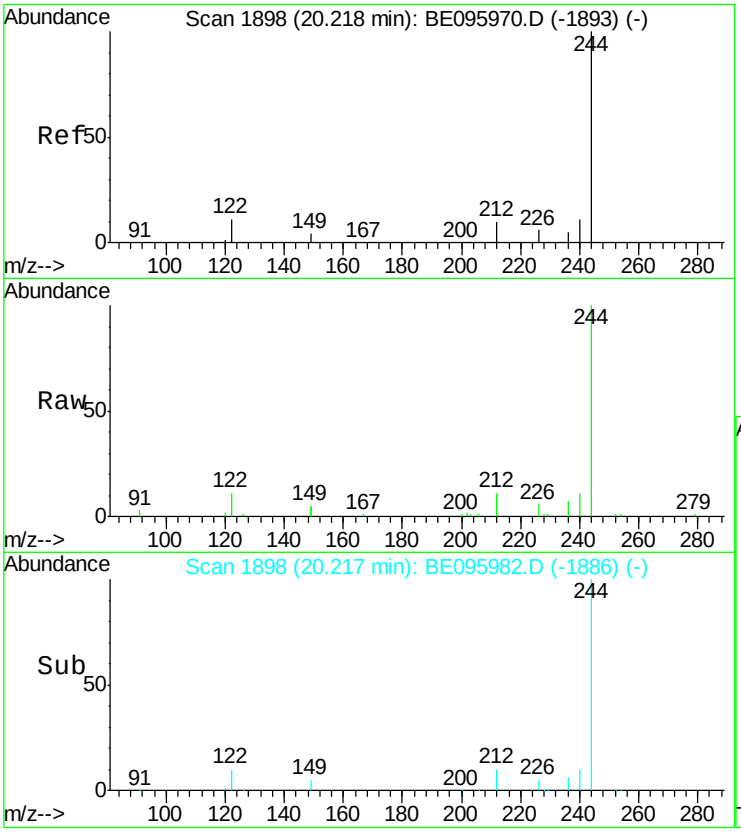




#28
Pyrene
Concen: 0.375 ng
RT: 20.05 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

Tgt Ion:202 Resp: 5482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.7 | 16.6 | 25.0 |
| 203 | 17.6 | 13.8 | 20.8 |



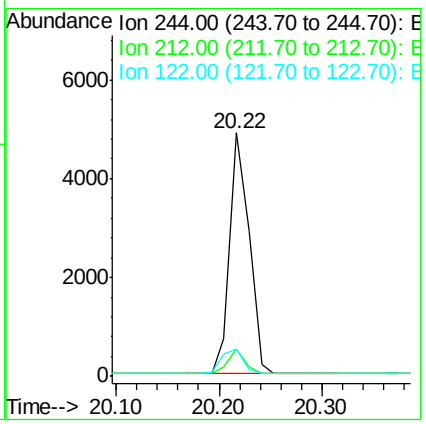


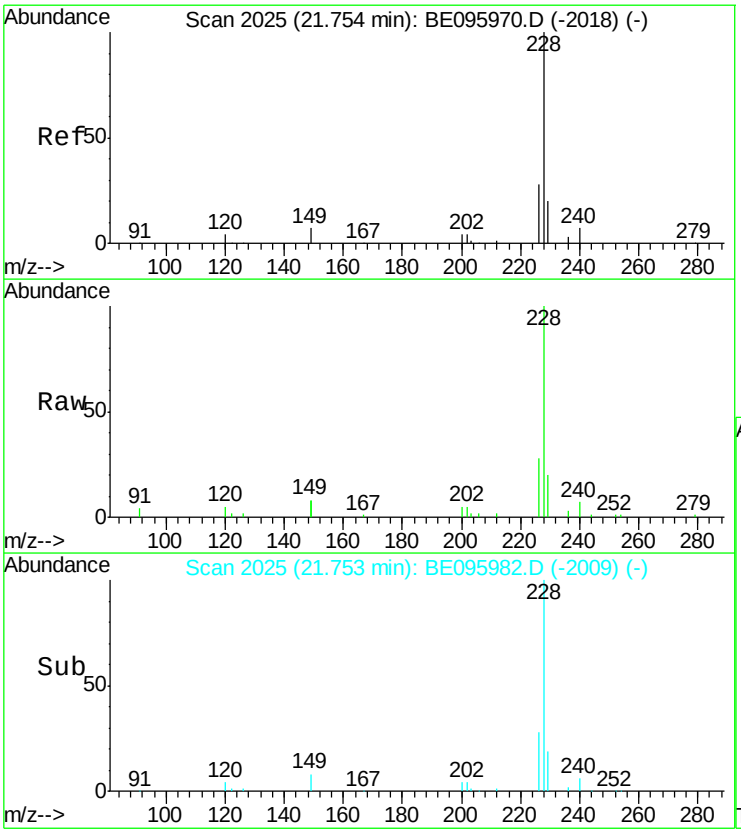

#29
Terphenyl-d14
Concen: 0.388 ng
RT: 20.22 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

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

Tgt Ion:244 Resp: 6355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 11.2 | 25.4 | 38.0# |
| 122 | 11.1 | 8.1 | 12.1 |

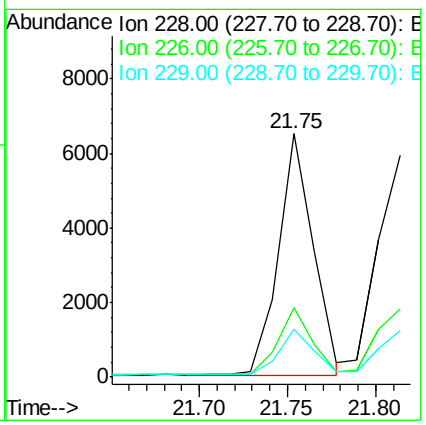


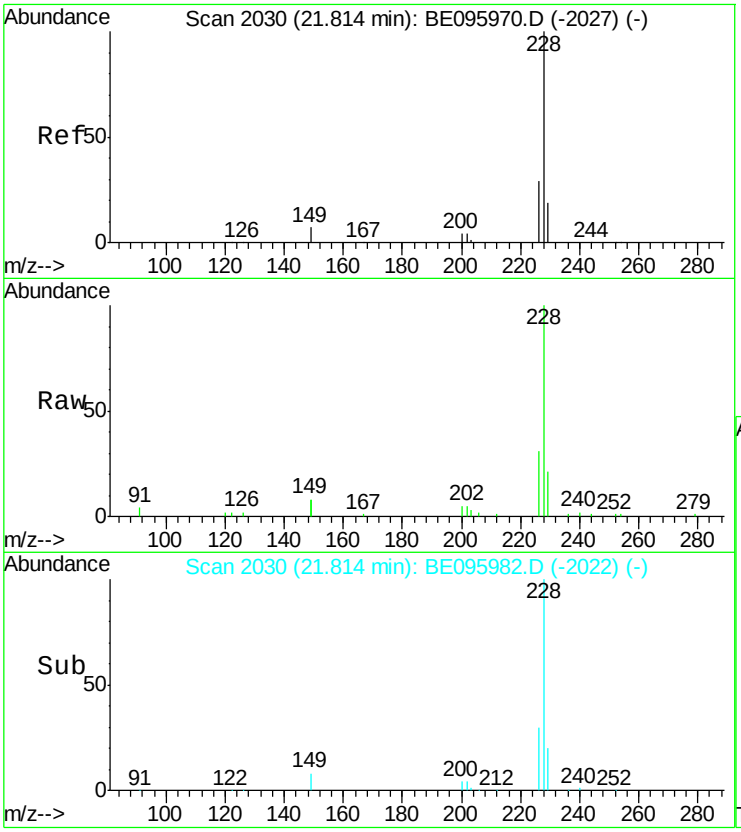




#30
Benzo(a)anthracene
Concen: 0.372 ng
RT: 21.75 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

Tgt Ion:228 Resp: 8835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.3 | 24.0 | 36.0 |
| 229 | 19.6 | 16.0 | 24.0 |



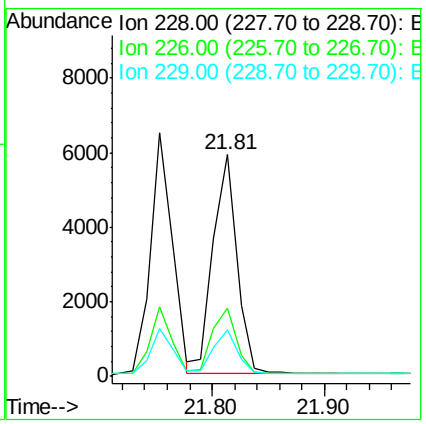


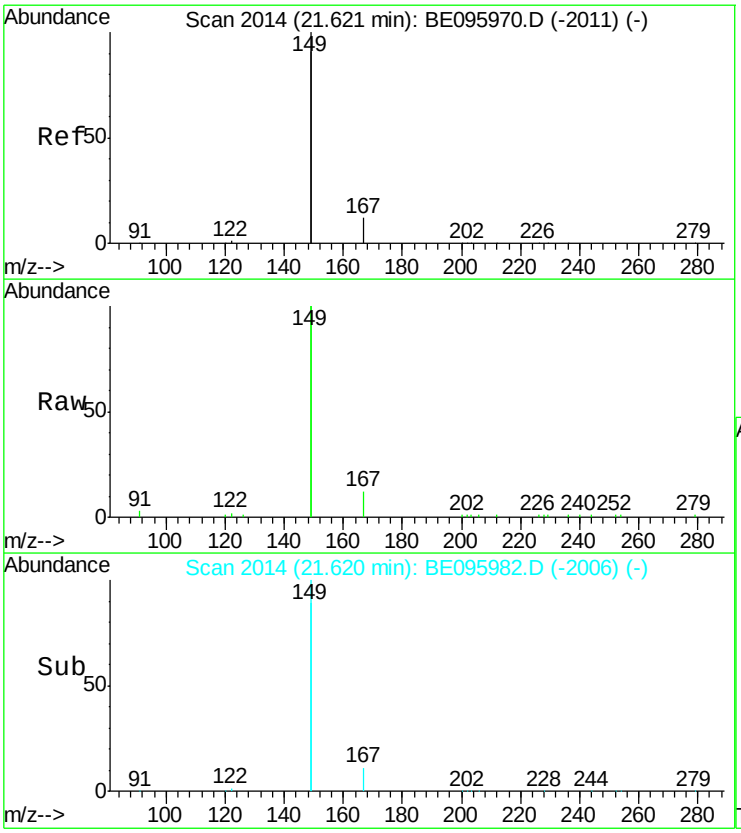

#31
Chrysene
Concen: 0.376 ng
RT: 21.81 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

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

Tgt Ion:228 Resp: 8625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.9 | 24.0 | 36.0 |
| 229 | 21.1 | 16.0 | 24.0 |

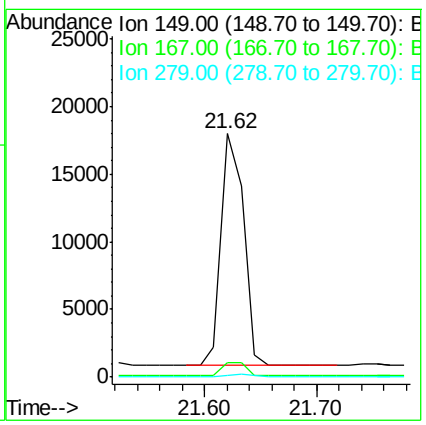


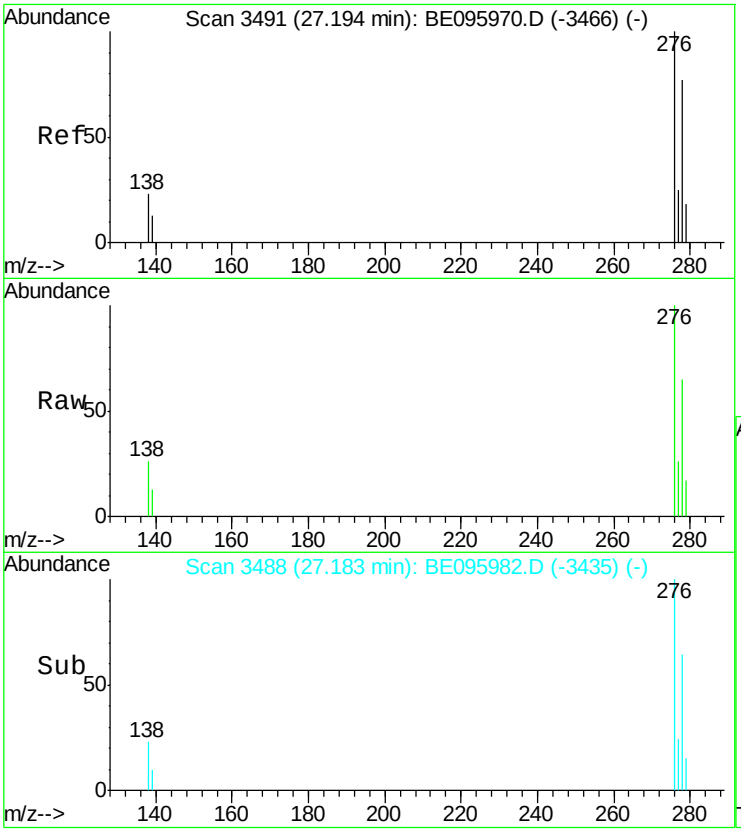




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.389 ng
RT: 21.62 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

Tgt Ion:149 Resp: 23895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 6.6 | 5.4 | 8.0 |
| 279 | 0.8 | 0.7 | 1.1 |



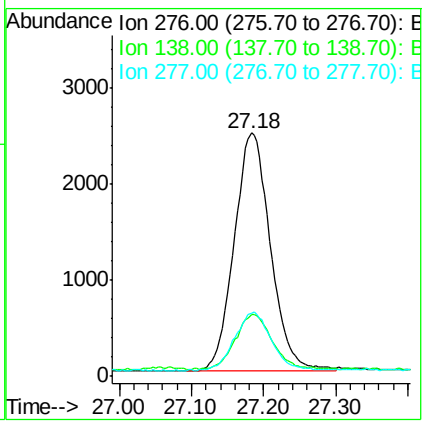


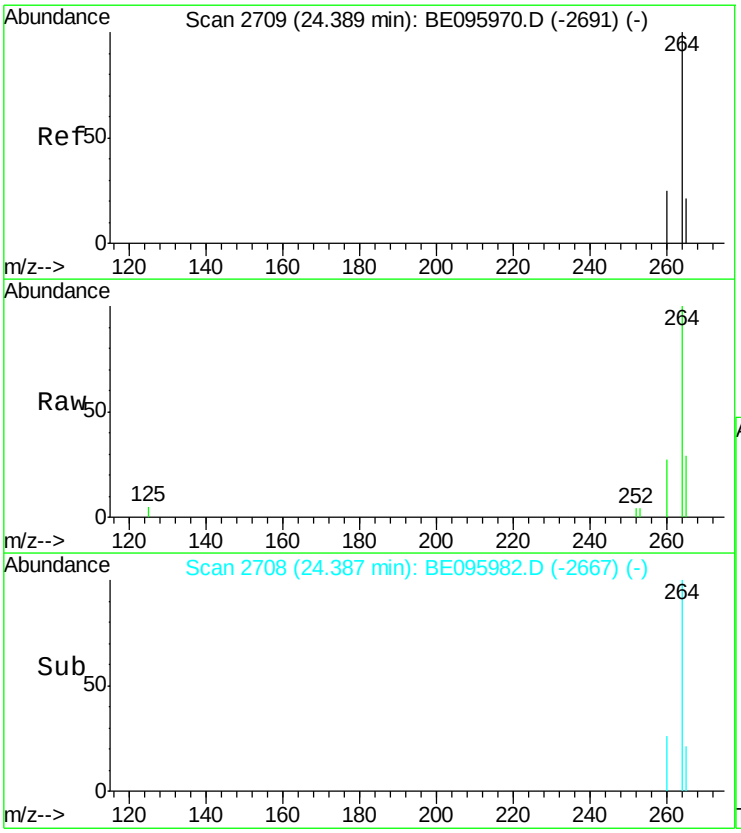

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng
RT: 27.18 min Scan# 3488
Delta R.T. -0.01 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

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

Tgt Ion:276 Resp: 8463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 23.2 | 22.5 | 33.7 |
| 277 | 24.1 | 19.9 | 29.9 |

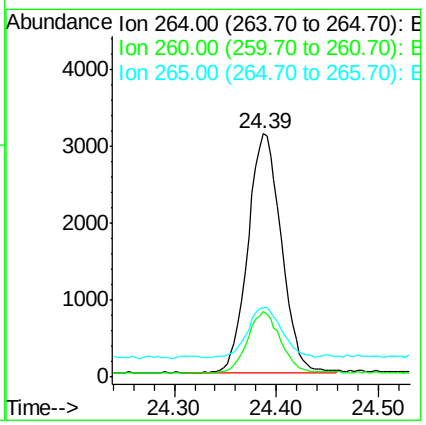


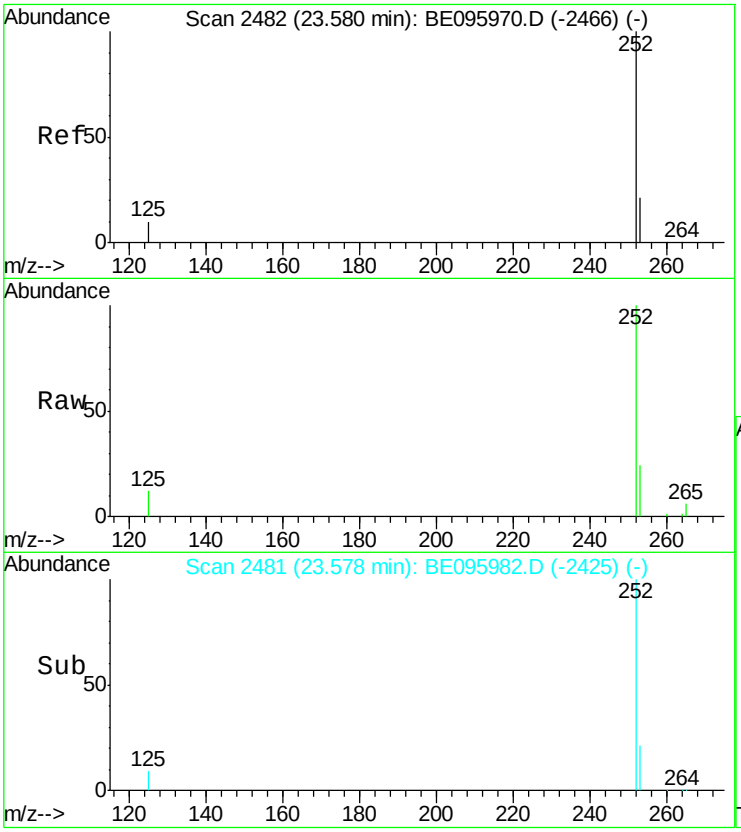




#34
Perylene-d12
Concen: 0.400 ng
RT: 24.39 min Scan# 2708
Delta R.T. -0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

Tgt Ion:264 Resp: 7032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 27.1 | 20.5 | 30.7 |
| 265 | 28.8 | 22.8 | 34.2 |



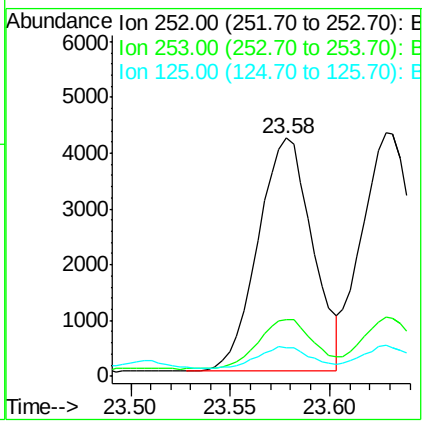


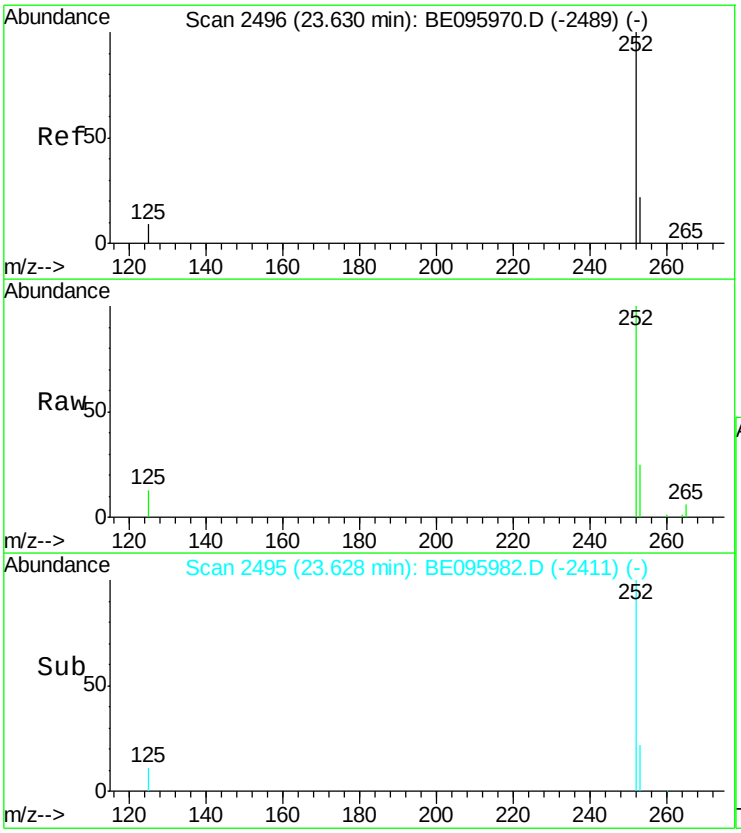

#35
Benzo(b)fluoranthene
Concen: 0.376 ng
RT: 23.58 min Scan# 2481
Delta R.T. -0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

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

Tgt Ion:252 Resp: 7936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.9 | 20.0 | 30.0 |
| 125 | 12.2 | 16.0 | 24.0# |

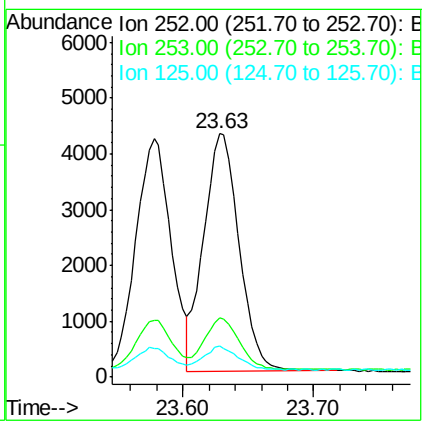


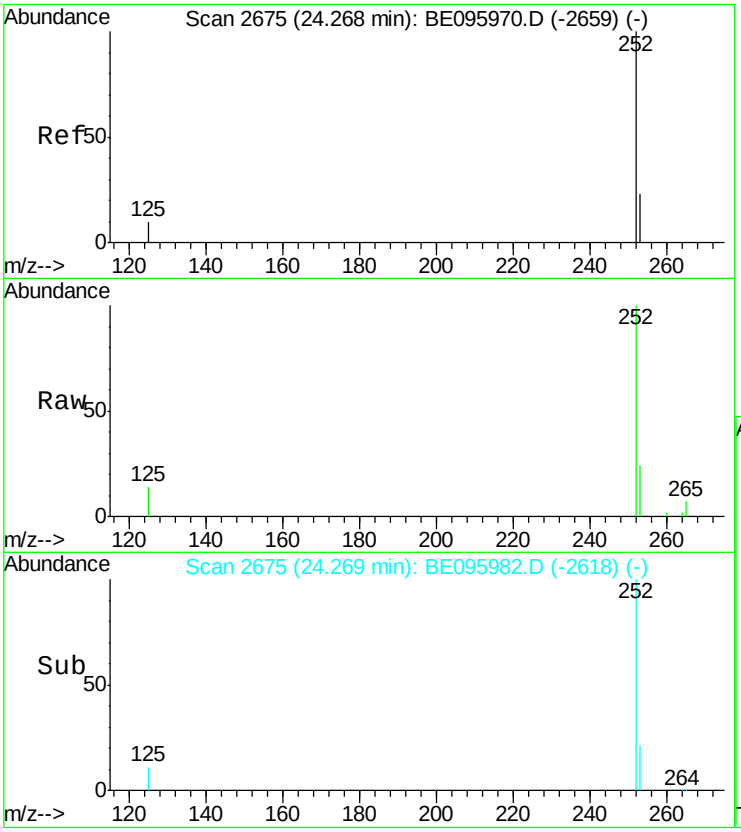




#36
Benzo(k)fluoranthene
Concen: 0.371 ng
RT: 23.63 min Scan# 2495
Delta R.T. -0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

Tgt Ion:252 Resp: 8060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.5 | 16.0 | 24.0# |
| 125 | 13.0 | 8.0 | 12.0# |



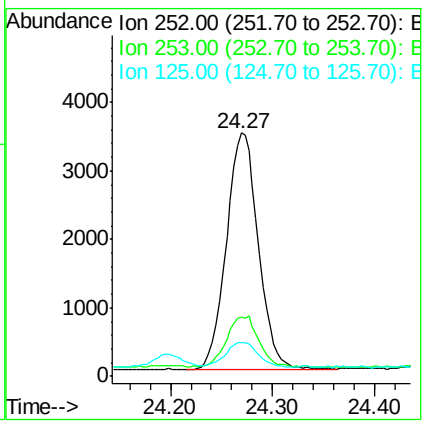


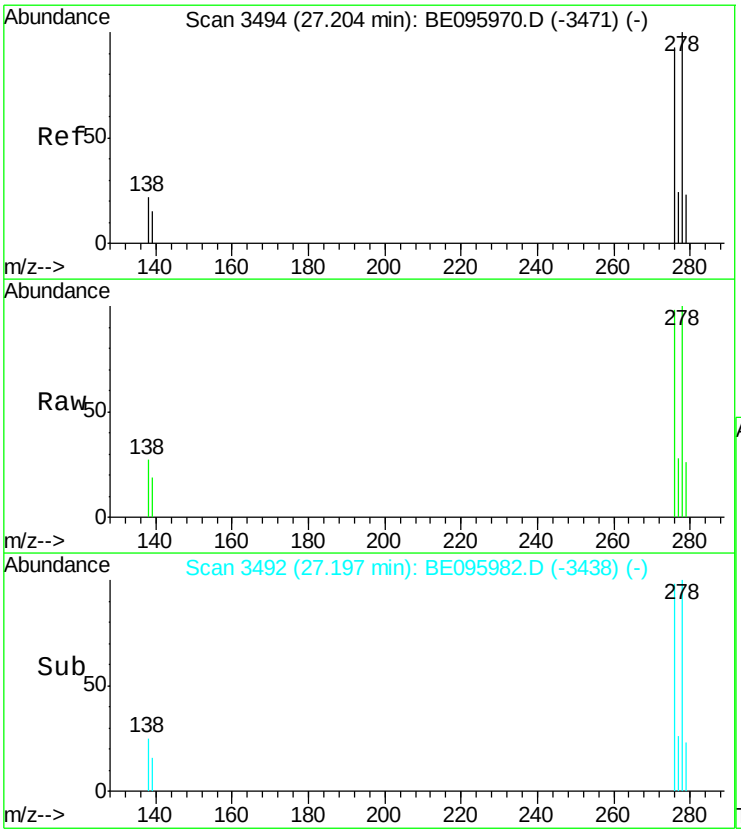

#37
Benzo(a)pyrene
Concen: 0.373 ng
RT: 24.27 min Scan# 2675
Delta R.T. 0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

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

Tgt Ion:252 Resp: 7565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.2 | 16.0 | 24.0# |
| 125 | 14.1 | 12.0 | 18.0 |

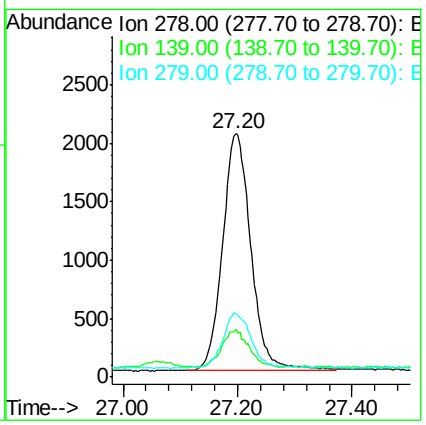


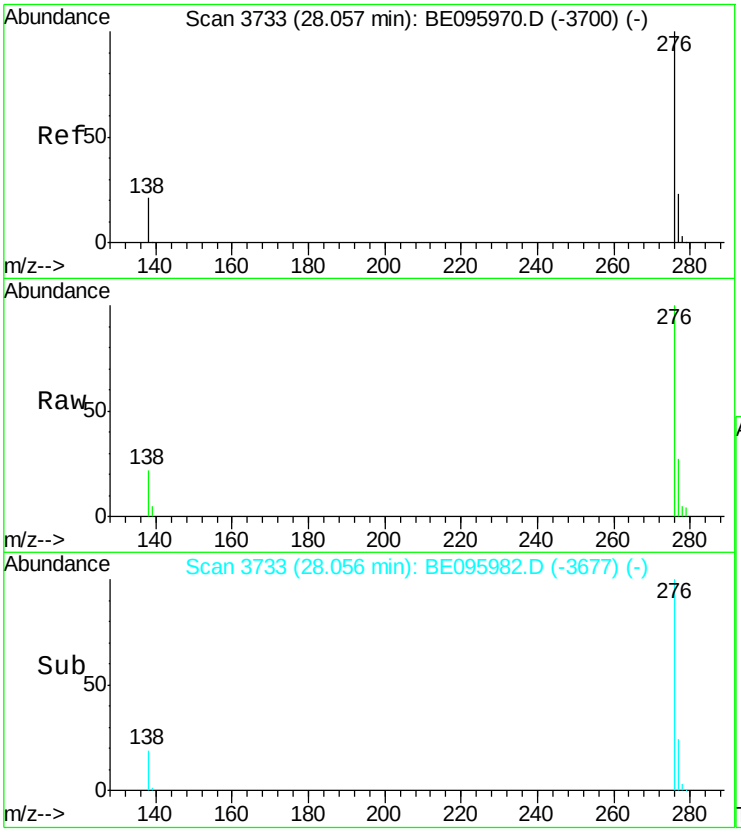




#38
Dibenzo(a,h)anthracene
Concen: 0.388 ng
RT: 27.20 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

Tgt Ion:278 Resp: 6942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 19.5 | 16.0 | 24.0 |
| 279 | 26.2 | 20.0 | 30.0 |






#39
Benzo(g,h,i)perylene
Concen: 0.371 ng
RT: 28.06 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BE095982.D
Acq: 11 Apr 2018 21:56

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

Tgt Ion:276 Resp: 7013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 26.8 | 16.0 | 24.0# |
| 138 | 22.1 | 20.0 | 30.0 |