Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE081018\
Data File : BE097255.D
Acq On : 10 Aug 2018 9:01
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Aug 10 15:48:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 10:49:28 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.39 | 152 | 1170 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.15 | 136 | 6063 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.01 | 164 | 3458 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.77 | 188 | 7602 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 20.97 | 240 | 7431 | 0.40 | ng | | -0.01 |
| 34) Perylene-d12 | 23.21 | 264 | 7557 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.05 | 112 | 1362 | 0.41 | ng | | 0.00 |
| 5) Phenol-d6 | 6.59 | 99 | 2083 | 0.43 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.52 | 82 | 2174 | 0.41 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.72 | 152 | 3330 | 0.37 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.52 | 330 | 439 | 0.39 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.63 | 172 | 4717 | 0.39 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 18.81 | 212 | 29912 | 0.39 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.43 | 244 | 5351 | 0.37 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.09 | 88 | 541 | 0.291 | ng | # | 90 |
| 3) n-Nitrosodimethylamine | 3.38 | 42 | 640 | 0.308 | ng | # | 93 |
| 6) bis(2-Chloroethyl)ether | 6.84 | 93 | 1613 | 0.366 | ng | | 95 |
| 9) Naphthalene | 10.18 | 128 | 20974 | 0.385 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.48 | 225 | 967 | 0.397 | ng | | 97 |
| 12) 2-Methylnaphthalene | 11.80 | 142 | 3476 | 0.372 | ng | | 99 |
| 16) Acenaphthylene | 13.73 | 152 | 5984 | 0.386 | ng | | 100 |
| 17) Acenaphthene | 14.07 | 154 | 3432 | 0.380 | ng | | 93 |
| 18) Fluorene | 15.06 | 166 | 4174 | 0.350 | ng | # | 79 |
| 20) 4-Bromophenyl-phenylether | 15.97 | 248 | 1527 | 0.414 | ng | # | 83 |
| 21) Hexachlorobenzene | 16.08 | 284 | 1728 | 0.436 | ng | # | 83 |
| 22) Pentachlorophenol | 16.44 | 266 | 365 | 0.397 | ng | # | 79 |
| 23) Phenanthrene | 16.80 | 178 | 6983 | 0.385 | ng | | 98 |
| 24) Anthracene | 16.89 | 178 | 6325 | 0.390 | ng | | 95 |
| 26) Fluoranthene | 18.84 | 202 | 7964 | 0.392 | ng | | 98 |
| 28) Pyrene | 19.20 | 202 | 7947 | 0.390 | ng | | 99 |
| 30) Benzo(a)anthracene | 20.96 | 228 | 7259 | 0.393 | ng | | 98 |
| 31) Chrysene | 21.00 | 228 | 7629 | 0.385 | ng | | 97 |
| 32) Bis(2-ethylhexyl)phthalate | 20.92 | 149 | 11284 | 0.567 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 25.51 | 276 | 9125 | 0.508 | ng | # | 92 |
| 35) Benzo(b)fluoranthene | 22.54 | 252 | 6919 | 0.361 | ng | # | 90 |
| 36) Benzo(k)fluoranthene | 22.54 | 252 | 6919 | 0.309 | ng | | 94 |
| 37) Benzo(a)pyrene | 23.11 | 252 | 7147 | 0.396 | ng | | 93 |
| 38) Dibenzo(a,h)anthracene | 25.53 | 278 | 7565 | 0.420 | ng | | 97 |
| 39) Benzo(g,h,i)perylene | 26.21 | 276 | 7455 | 0.390 | ng | # | 90 |

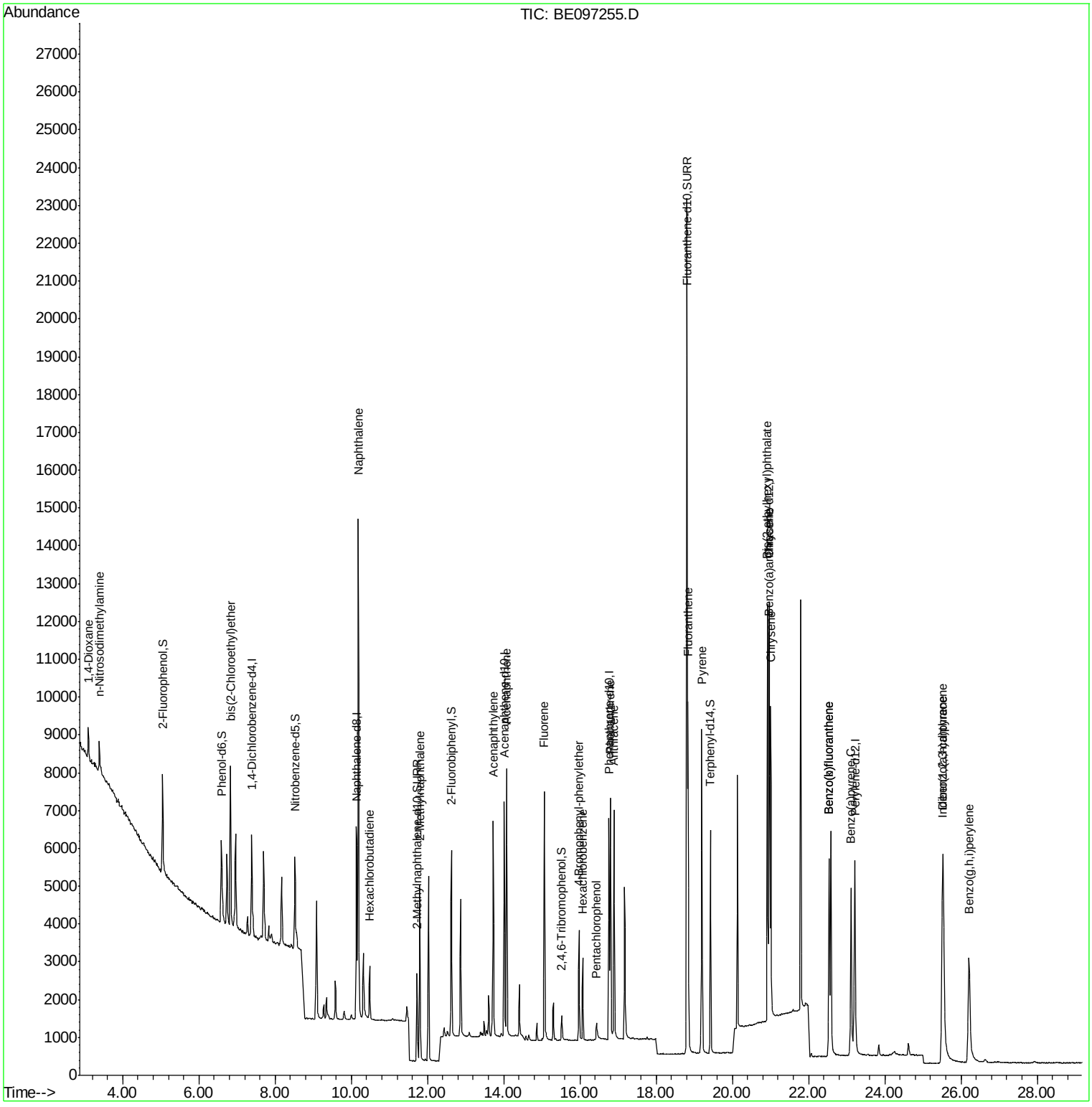
(#) = qualifier out of range (m) = manual integration (+) = signals summed

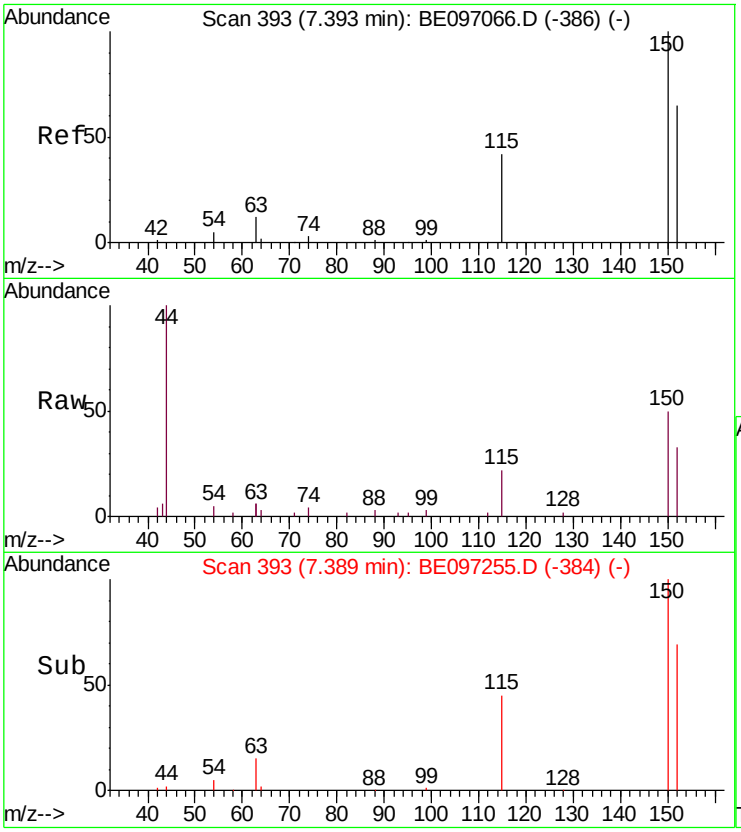
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE081018\
Data File : BE097255.D
Acq On : 10 Aug 2018 9:01
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Aug 10 15:48:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 10:49:28 2018
Response via : Initial Calibration



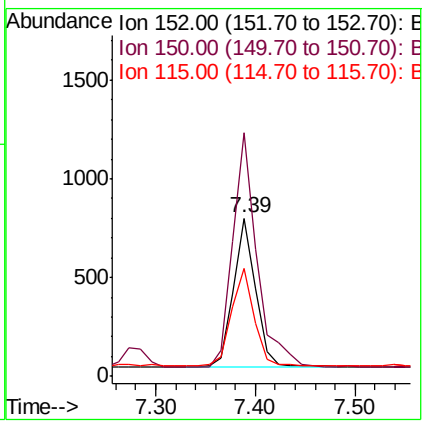


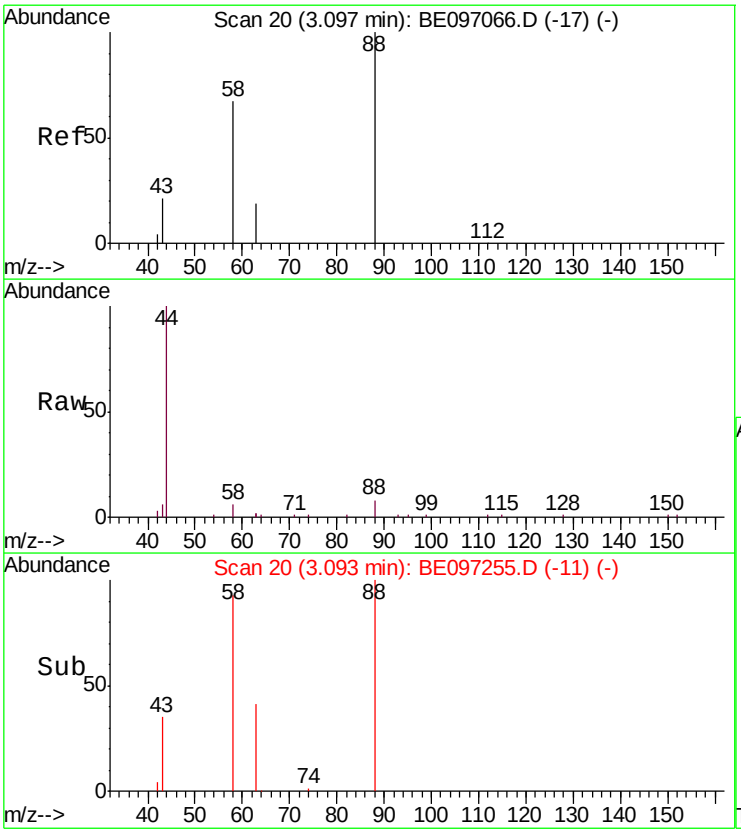

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

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

Tgt Ion:152 Resp: 1170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.6 | 117.2 | 175.8 |
| 115 | 68.0 | 57.0 | 85.6 |

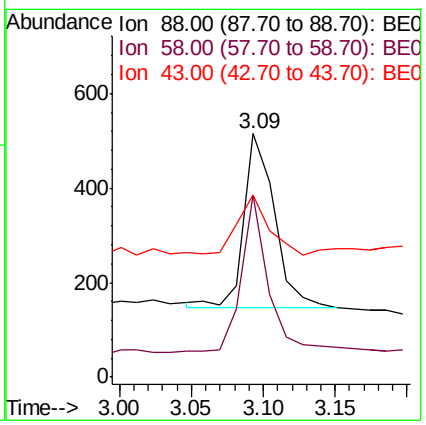


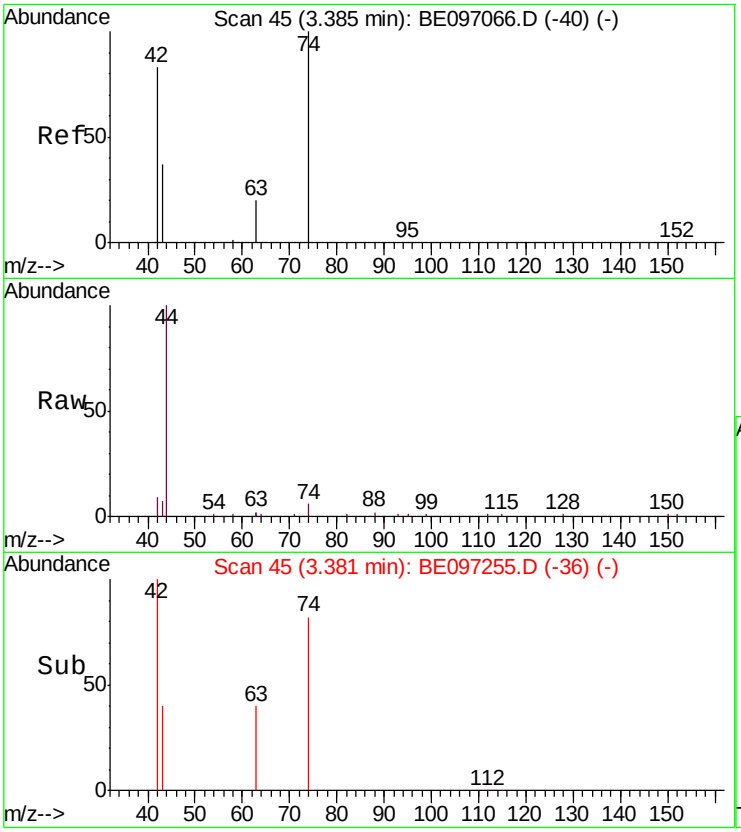




#2
1,4-Dioxane
Concen: 0.291 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

Tgt Ion: 88 Resp: 541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 80.4 | 63.2 | 94.8 |
| 43 | 35.3 | 41.2 | 61.8# |



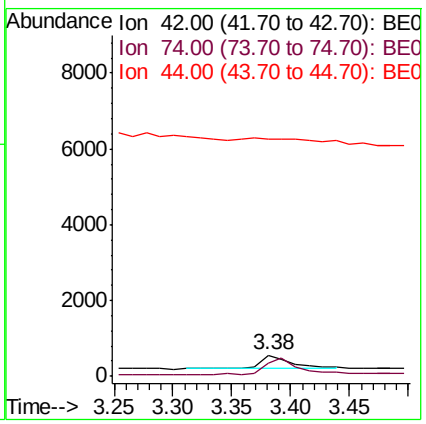


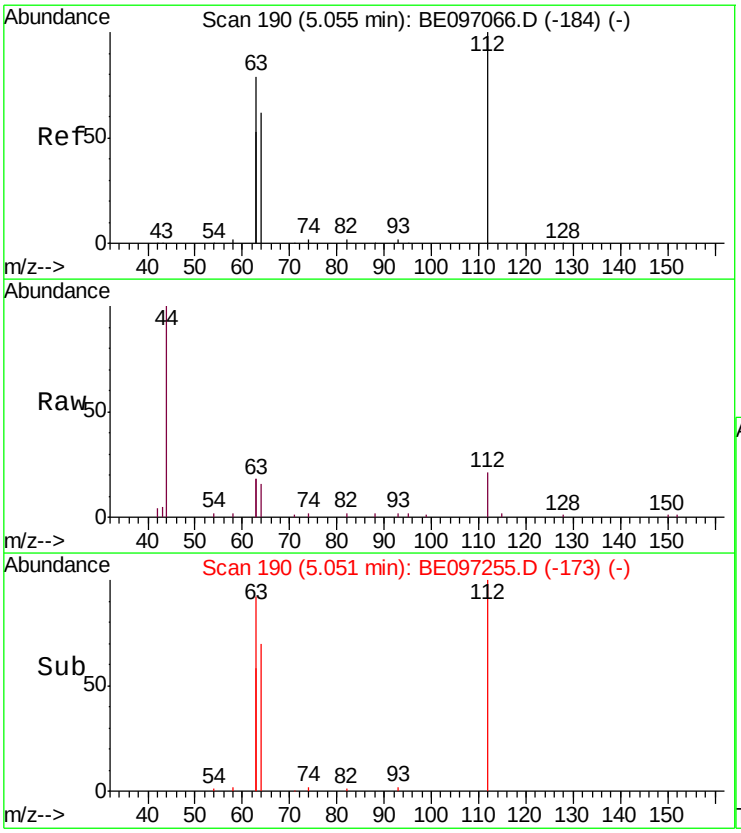

#3
n-Nitrosodimethylamine
Concen: 0.308 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

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

Tgt Ion: 42 Resp: 640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 123.9 | 96.0 | 144.0 |
| 44 | 0.0 | 12.0 | 18.0# |

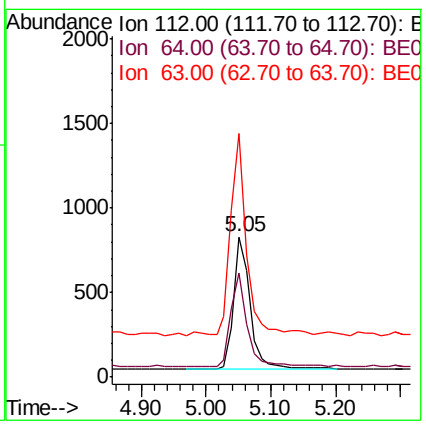


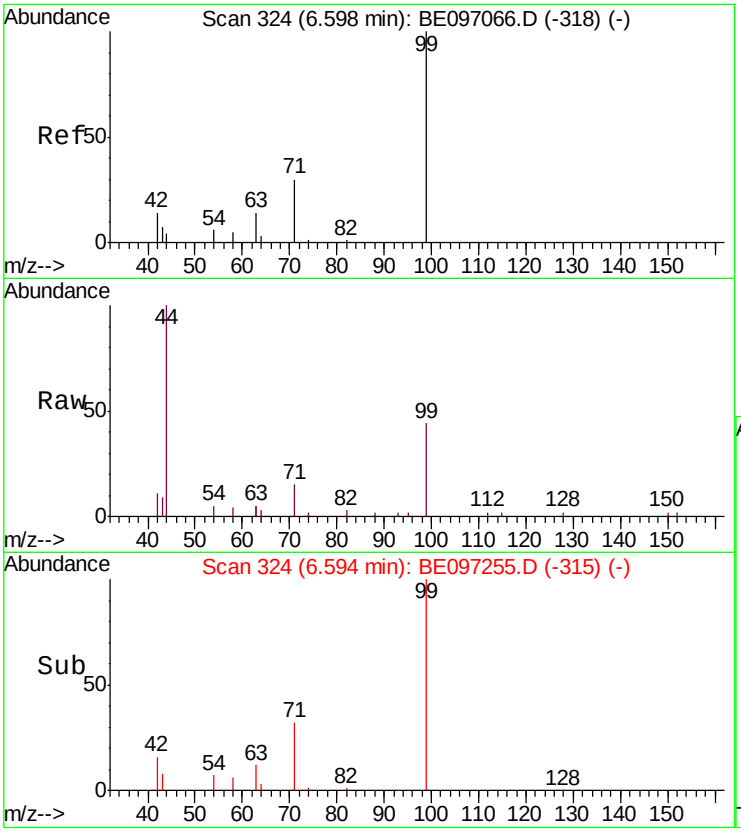




#4
2-Fluorophenol
Concen: 0.414 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

Tgt Ion:112 Resp: 1362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 68.8 | 60.1 | 90.1 |
| 63 | 145.5 | 116.8 | 175.2 |



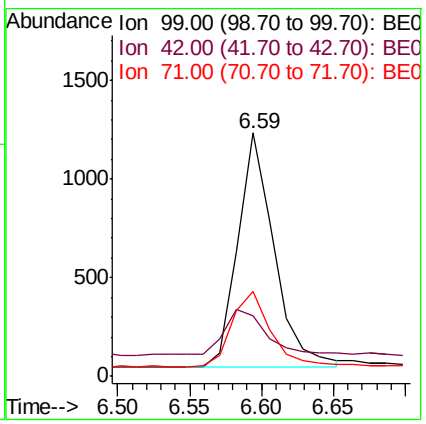


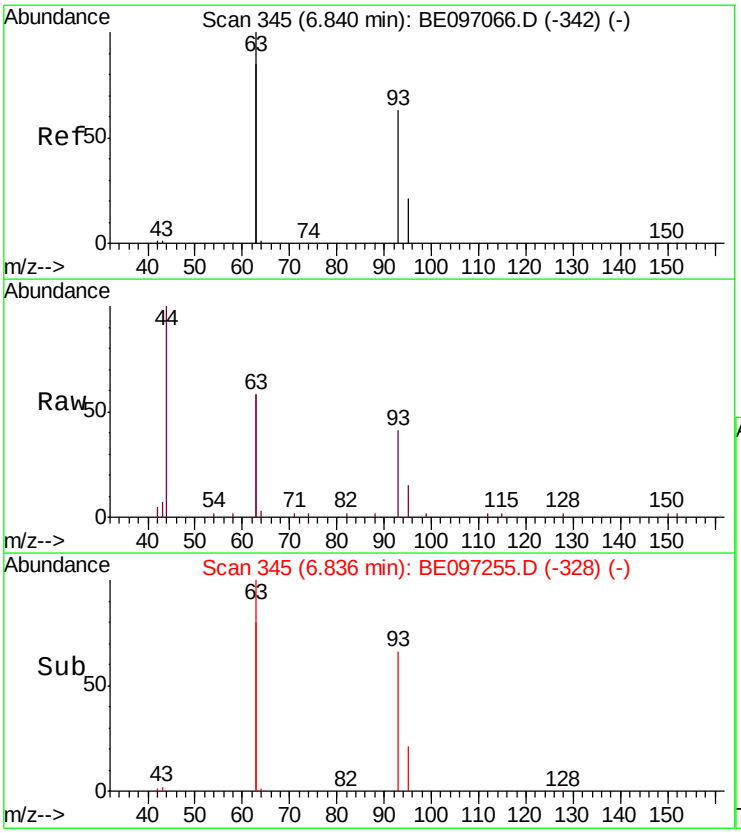

#5
Phenol-d6
Concen: 0.432 ng
RT: 6.59 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

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

Tgt Ion: 99 Resp: 2083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.5 | 20.2 | 30.2 |
| 71 | 34.0 | 28.4 | 42.6 |

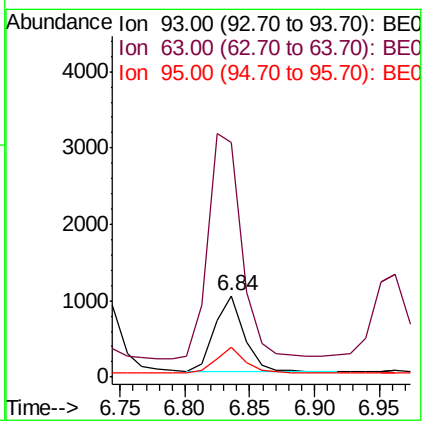


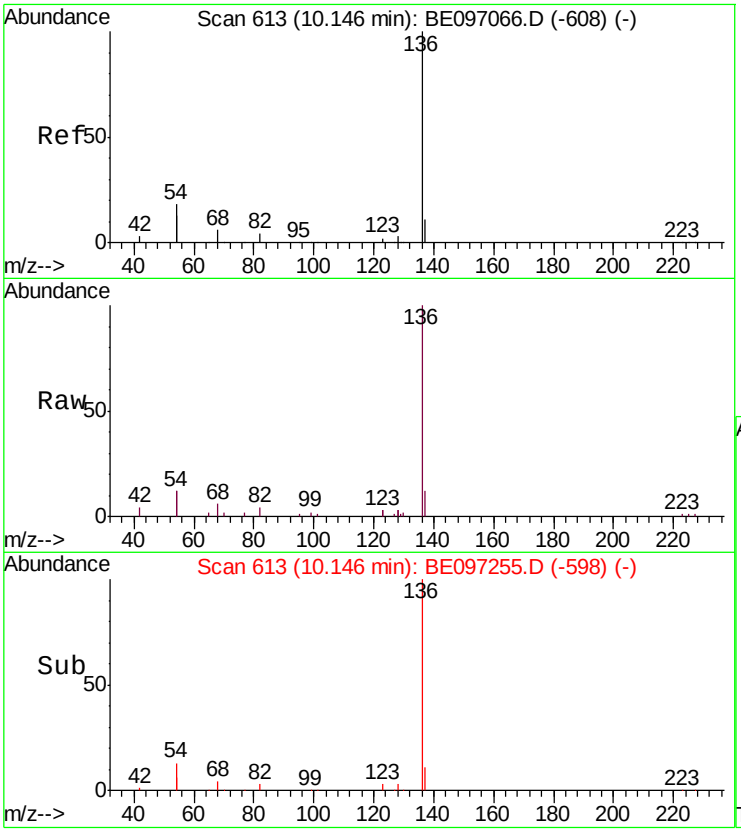




#6
bis(2-Chloroethyl)ether
Concen: 0.366 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

Tgt Ion: 93 Resp: 1613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 332.2 | 275.3 | 412.9 |
| 95 | 32.5 | 25.2 | 37.8 |



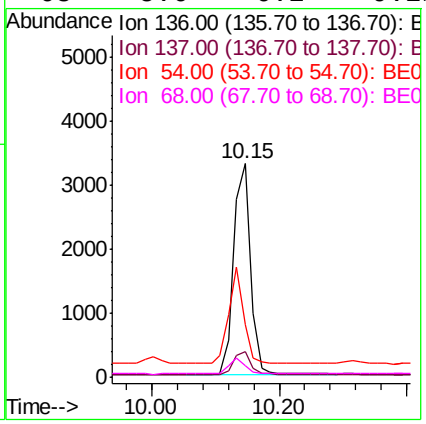


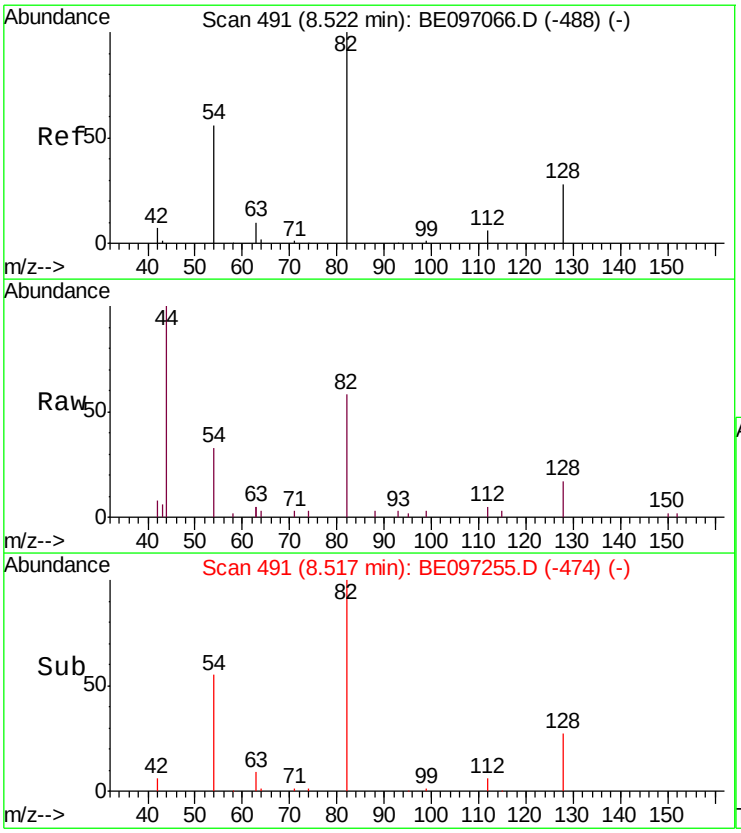

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

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

Tgt Ion:136 Resp: 6063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.2 | 9.5 | 14.3 |
| 54 | 24.8 | 29.1 | 43.7# |
| 68 | 5.6 | 6.2 | 9.2# |

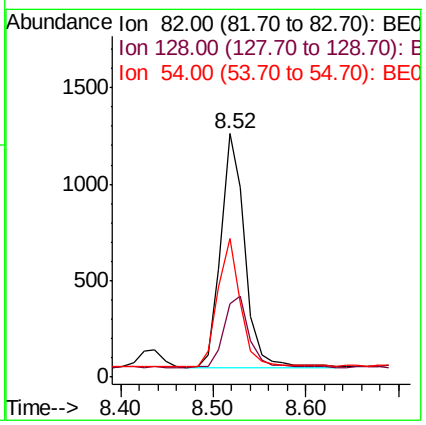


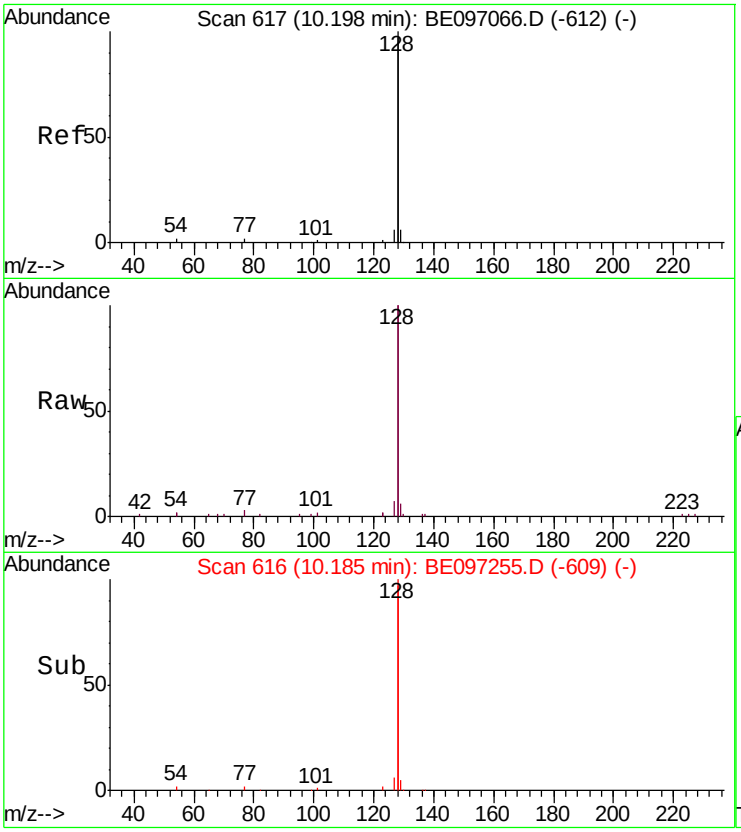




#8
Nitrobenzene-d5
Concen: 0.413 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.00 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

Tgt Ion: 82 Resp: 2174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 30.0 | 24.0 | 36.0 |
| 54 | 57.1 | 40.0 | 60.0 |



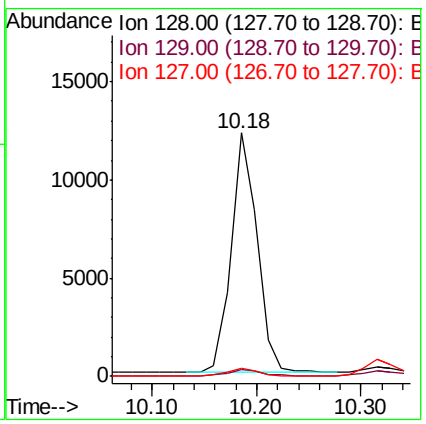


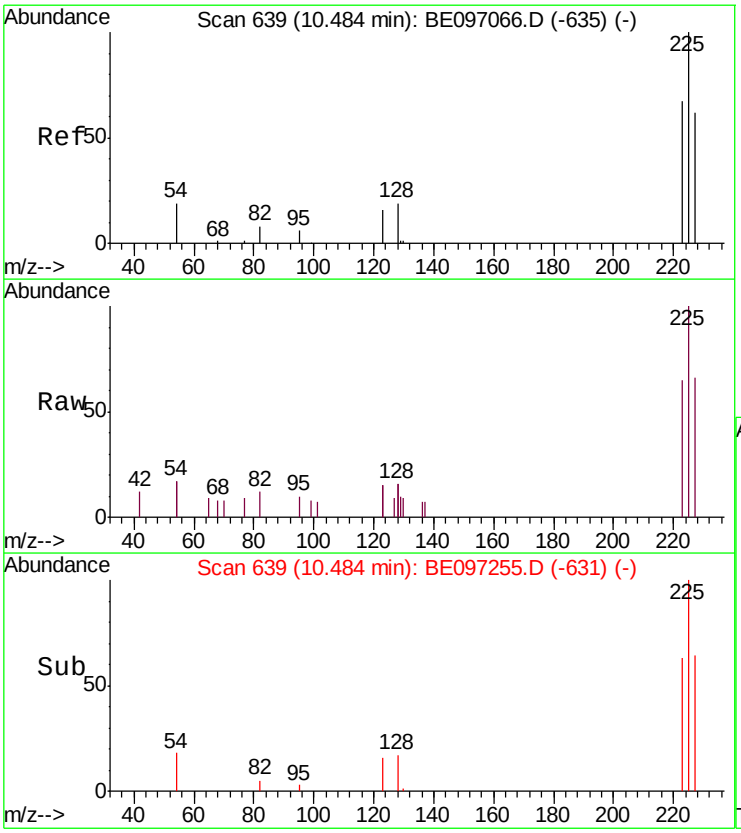

#9
Naphthalene
Concen: 0.385 ng
RT: 10.18 min Scan# 616
Delta R.T. -0.01 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

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

Tgt Ion:128 Resp: 20974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 3.0 | 2.6 | 3.8 |
| 127 | 3.4 | 2.8 | 4.2 |

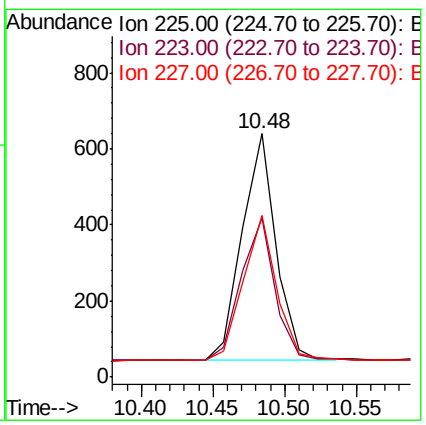


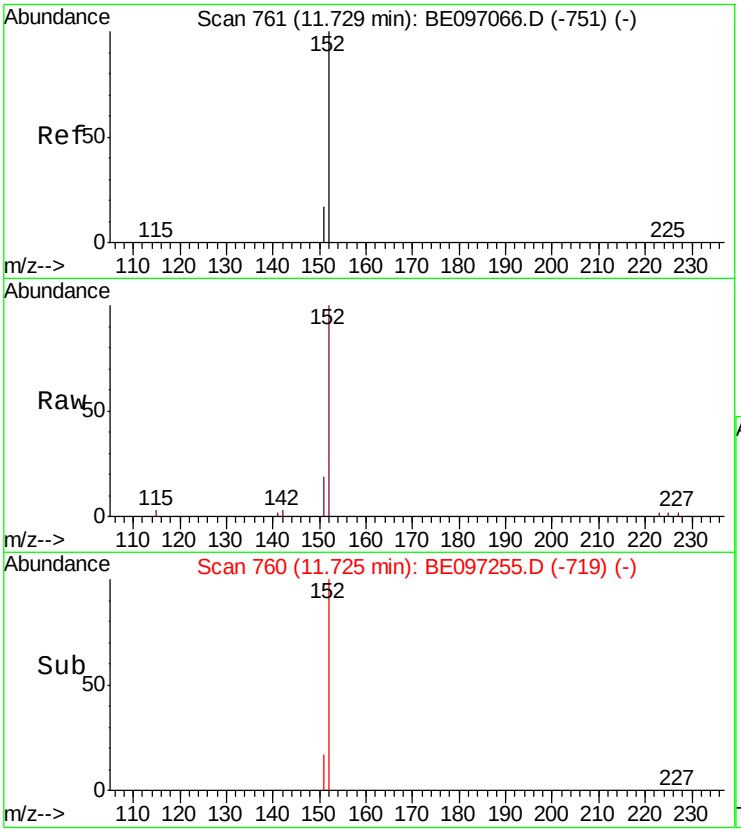




#10
Hexachlorobutadiene
Concen: 0.397 ng
RT: 10.48 min Scan# 639
Delta R.T. 0.00 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

Tgt Ion:225 Resp: 967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.4 | 53.0 | 79.6 |
| 227 | 63.5 | 51.4 | 77.2 |



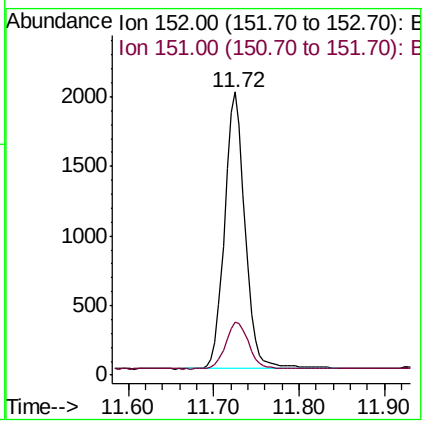


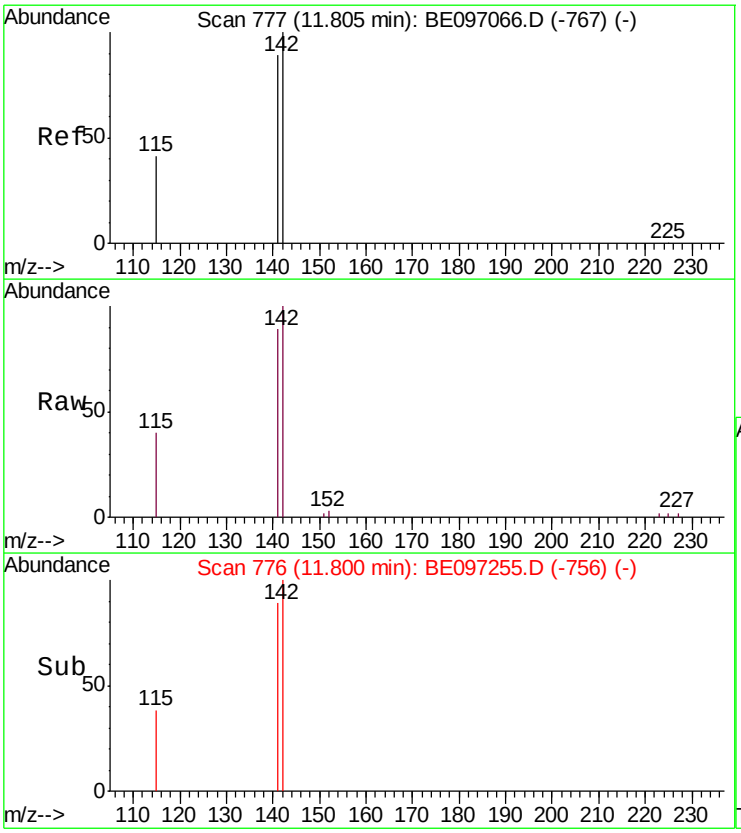

#11
2-Methylnaphthalene-d10
Concen: 0.367 ng
RT: 11.72 min Scan# 760
Delta R.T. 0.00 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

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

Tgt Ion:152 Resp: 3330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.0 | 15.4 | 23.0 |

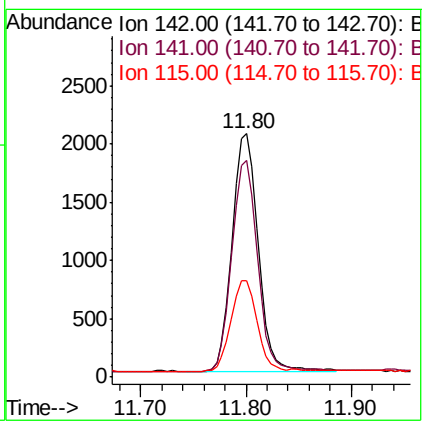


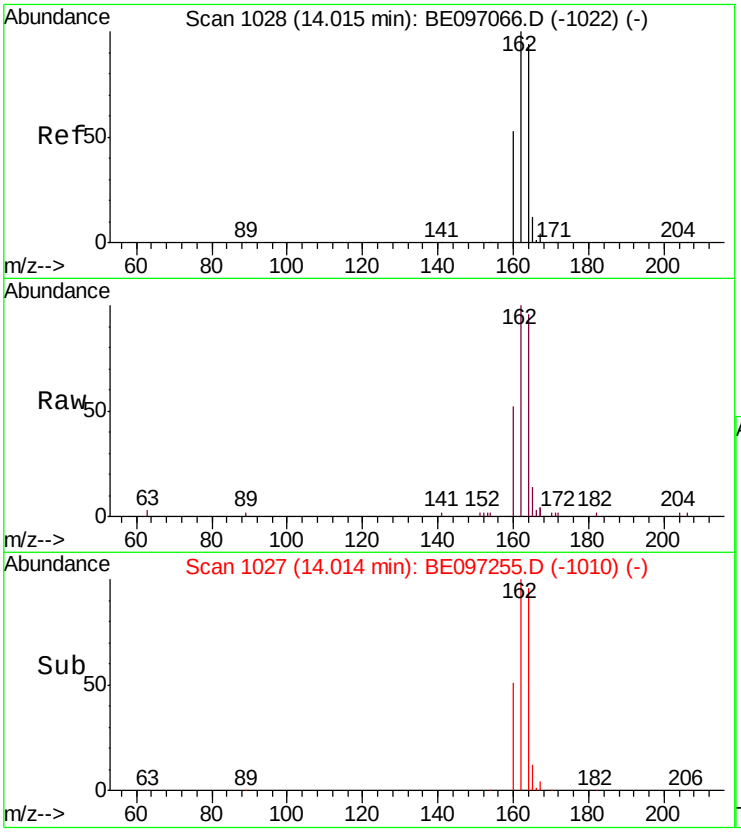




#12
2-Methylnaphthalene
Concen: 0.372 ng
RT: 11.80 min Scan# 776
Delta R.T. -0.00 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

Tgt Ion:142 Resp: 3476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.9 | 70.4 | 105.6 |
| 115 | 39.8 | 31.7 | 47.5 |



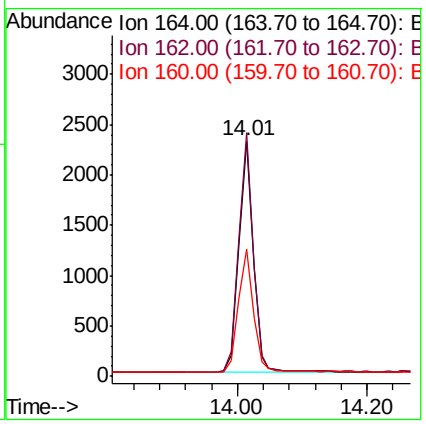


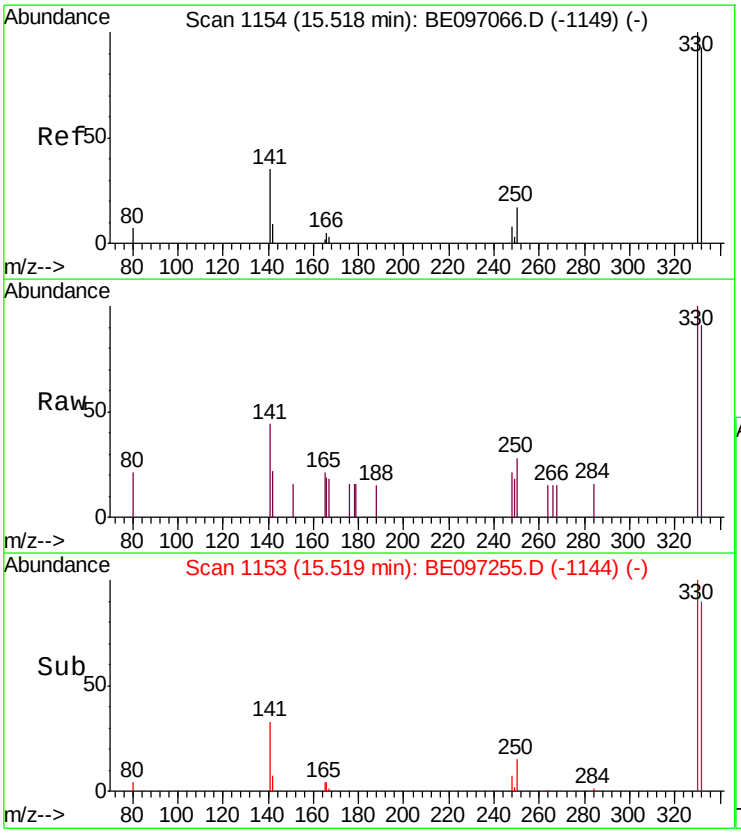

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

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

Tgt Ion:164 Resp: 3458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.7 | 83.1 | 124.7 |
| 160 | 54.1 | 37.1 | 55.7 |

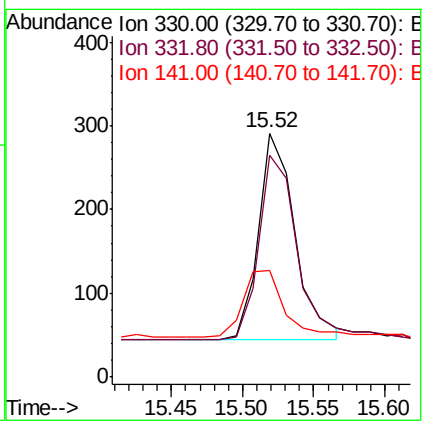


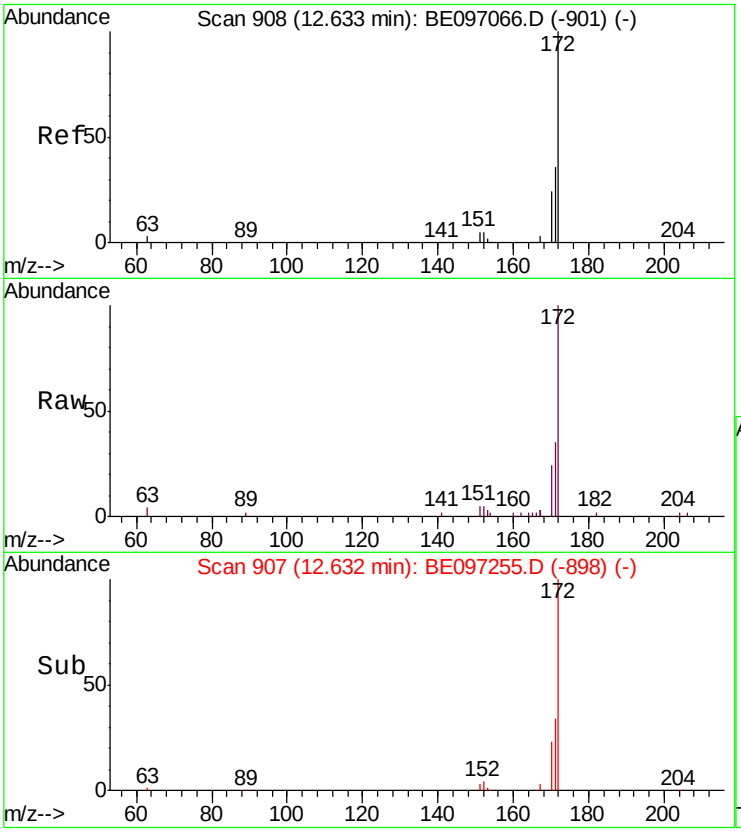




#14
2,4,6-Tribromophenol
Concen: 0.386 ng
RT: 15.52 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

Tgt Ion:330 Resp: 439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 92.9 | 152.7 | 229.1# |
| 141 | 36.2 | 33.7 | 50.5 |



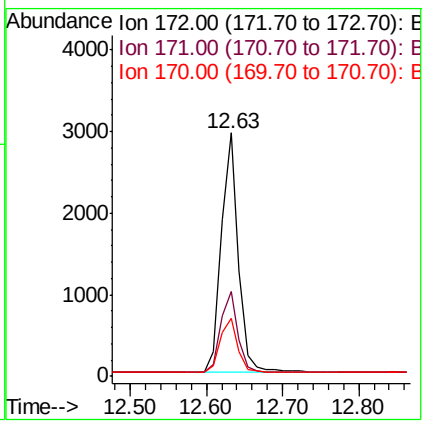


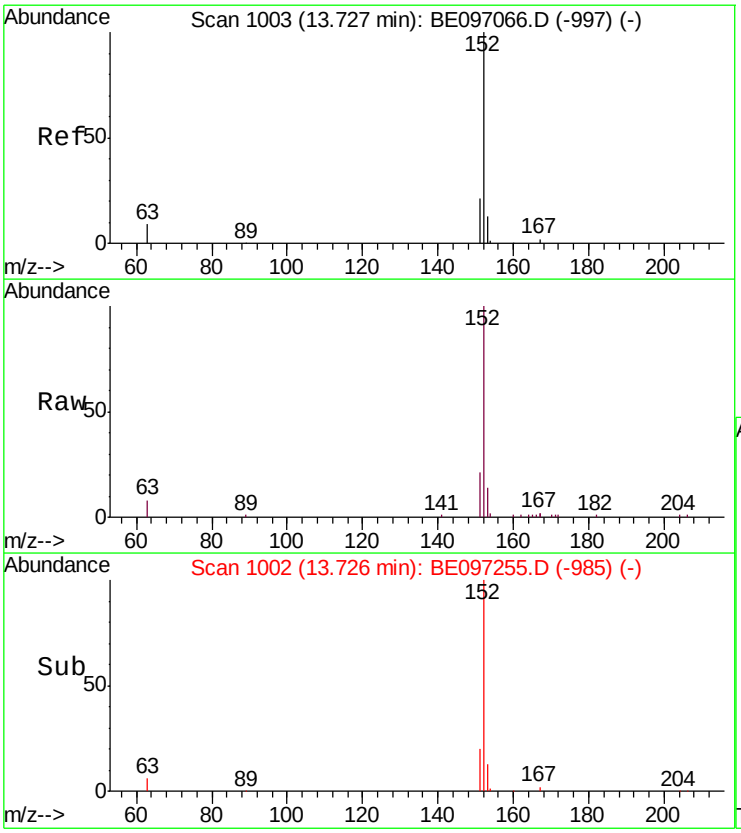

#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 12.63 min Scan# 907
Delta R.T. -0.00 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

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

Tgt Ion:172 Resp: 4717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.8 | 29.9 | 44.9 |
| 170 | 24.0 | 21.8 | 32.8 |

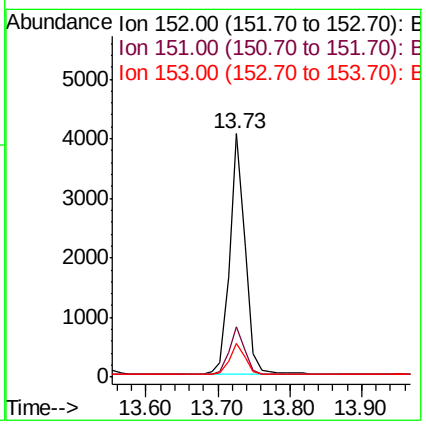


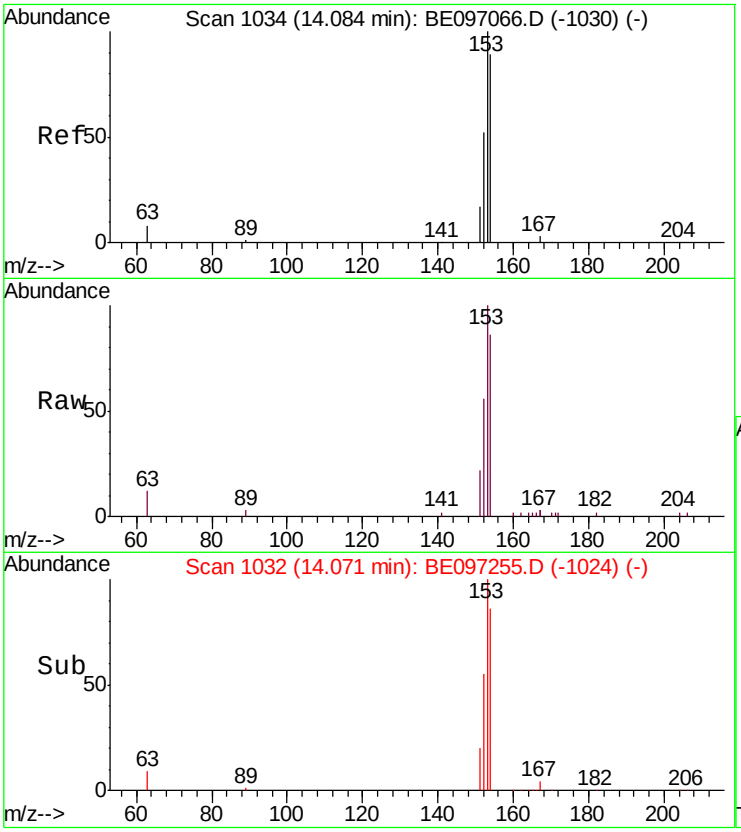




#16
Acenaphthylene
Concen: 0.386 ng
RT: 13.73 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

Tgt Ion:152 Resp: 5984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.6 | 15.7 | 23.5 |
| 153 | 13.0 | 10.5 | 15.7 |



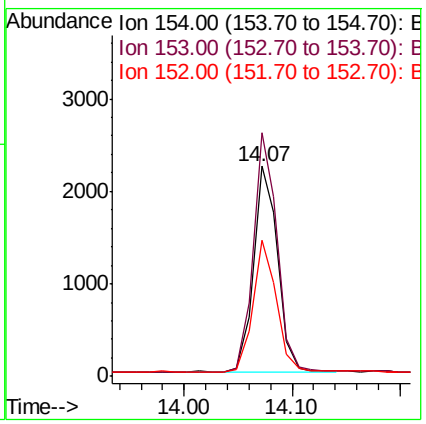


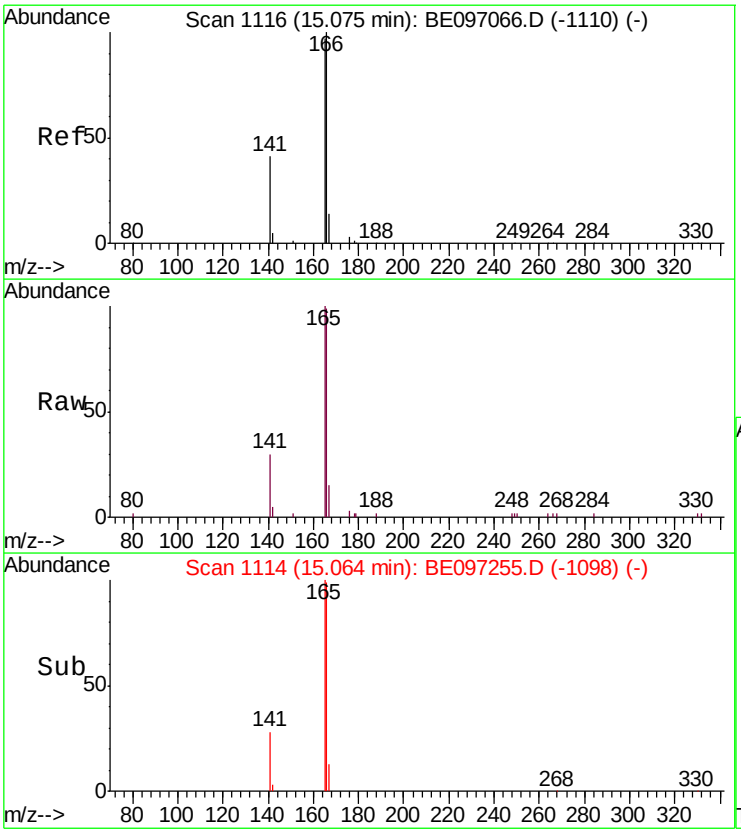

#17
Acenaphthene
Concen: 0.380 ng
RT: 14.07 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

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

Tgt Ion:154 Resp: 3432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.7 | 89.2 | 133.8 |
| 152 | 62.4 | 42.0 | 63.0 |

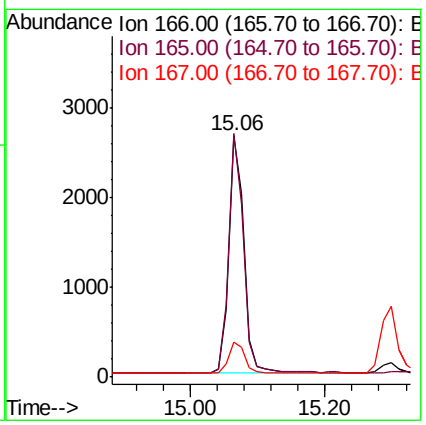


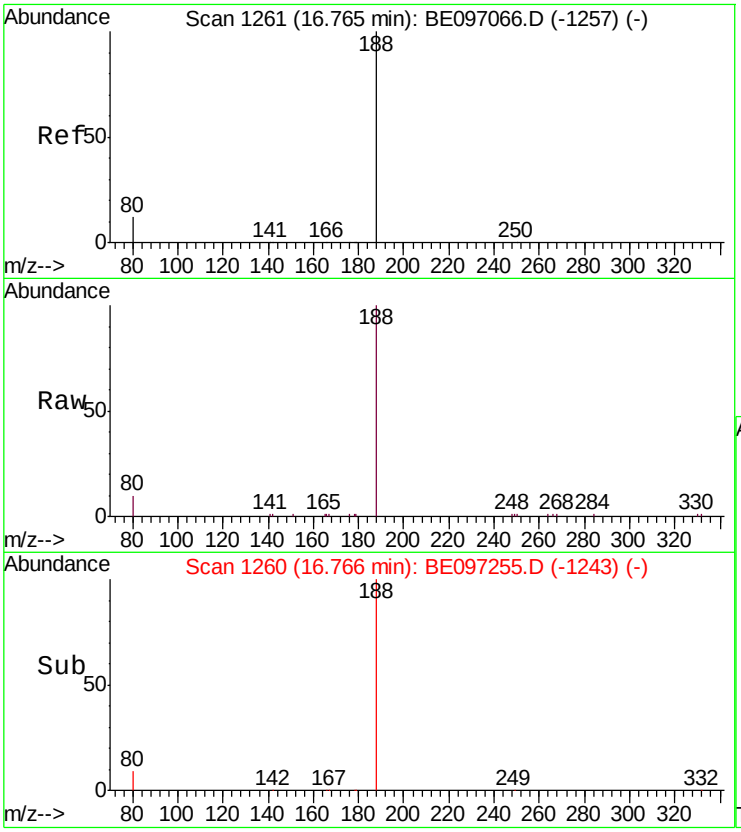




#18
Fluorene
Concen: 0.350 ng
RT: 15.06 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

Tgt Ion:166 Resp: 4174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.1 | 77.8 | 116.6 |
| 167 | 13.6 | 42.4 | 63.6# |



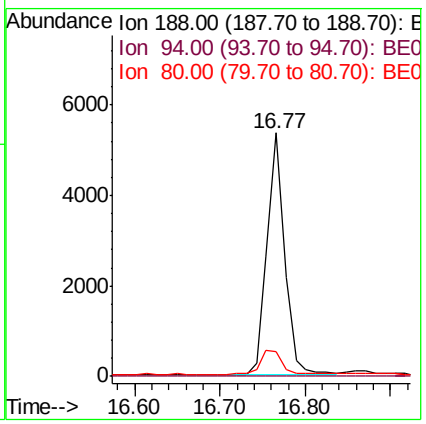


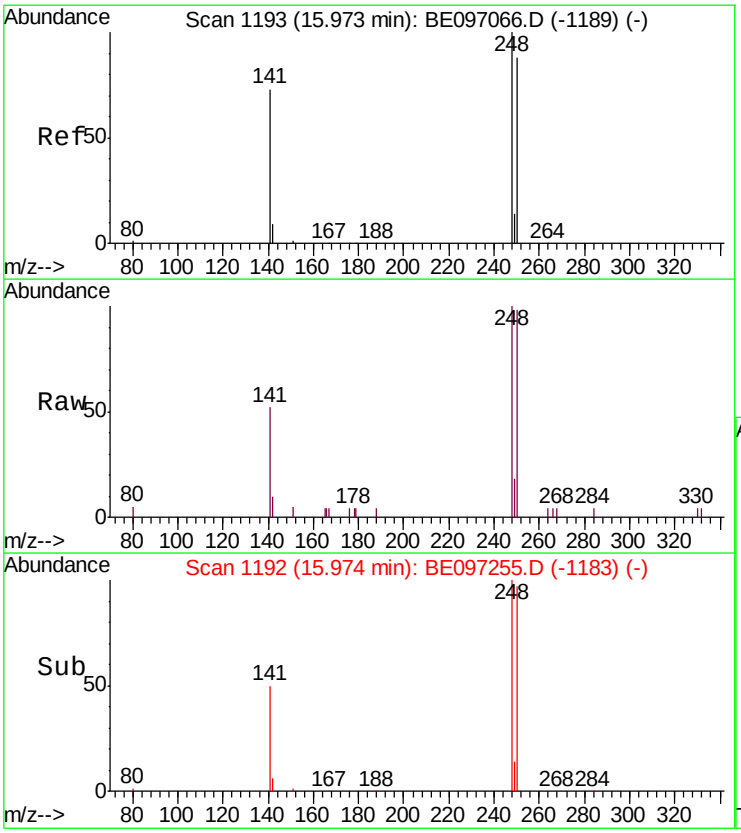

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

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

Tgt Ion:188 Resp: 7602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 3.9 | 5.9# |
| 80 | 10.0 | 3.6 | 5.4# |

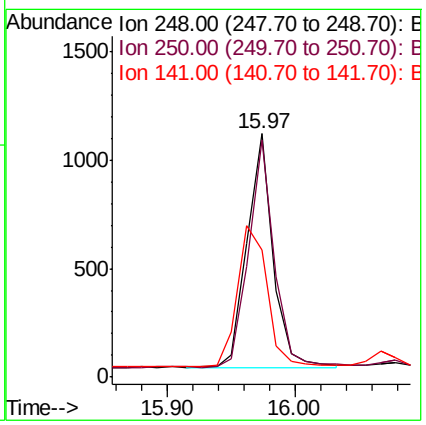


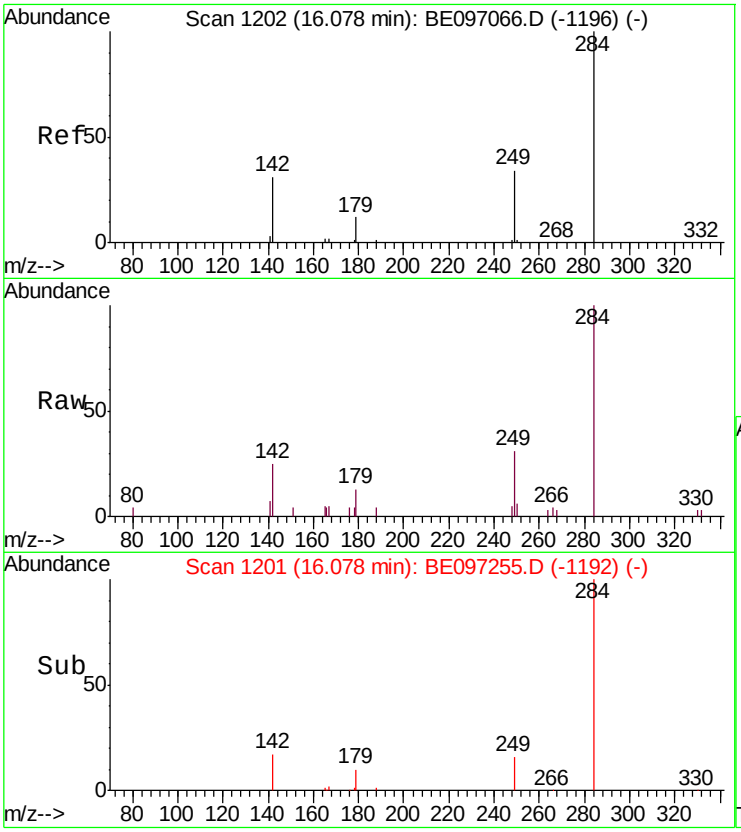




#20
4-Bromophenyl-phenylether
Concen: 0.414 ng
RT: 15.97 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

Tgt Ion:248 Resp: 1527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.6 | 62.7 | 94.1# |
| 141 | 52.2 | 48.2 | 72.2 |



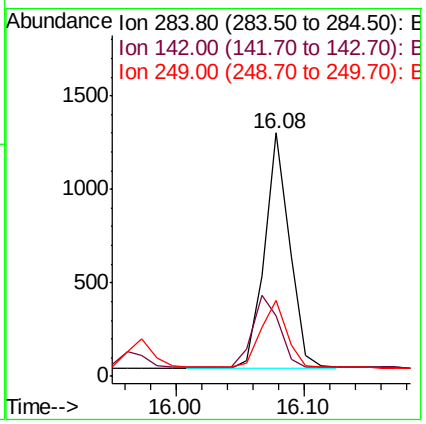


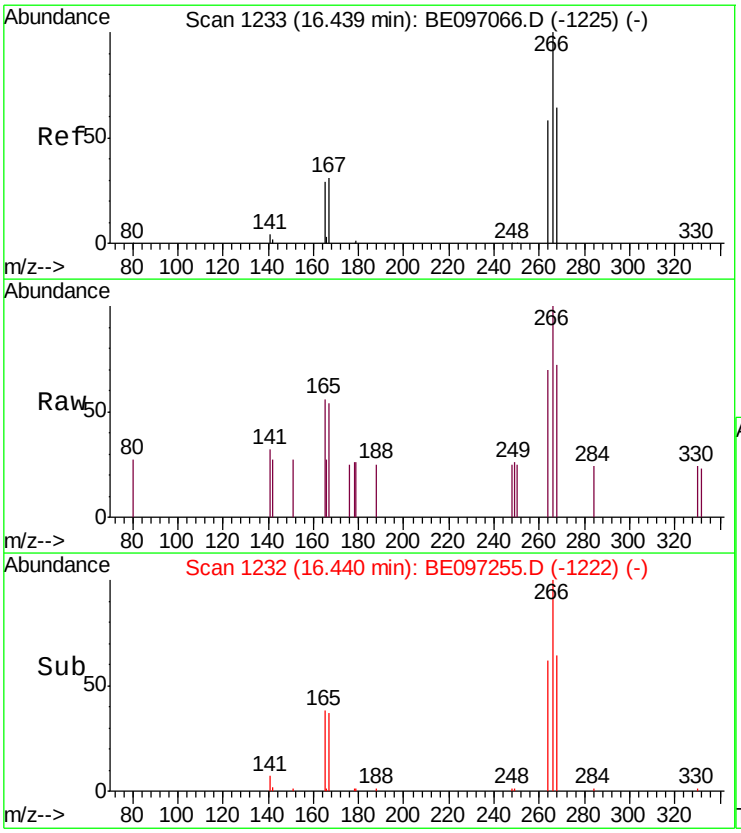

#21
Hexachlorobenzene
Concen: 0.436 ng
RT: 16.08 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

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

Tgt Ion:284 Resp: 1728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 33.3 | 22.1 | 33.1# |
| 249 | 29.9 | 34.8 | 52.2# |

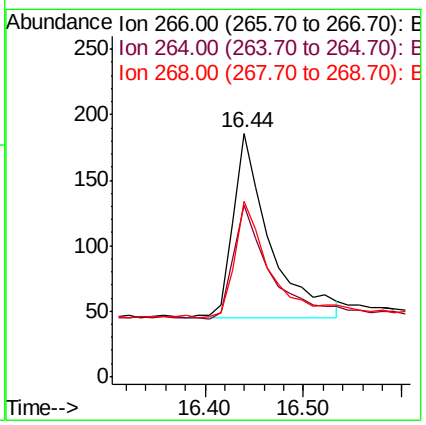


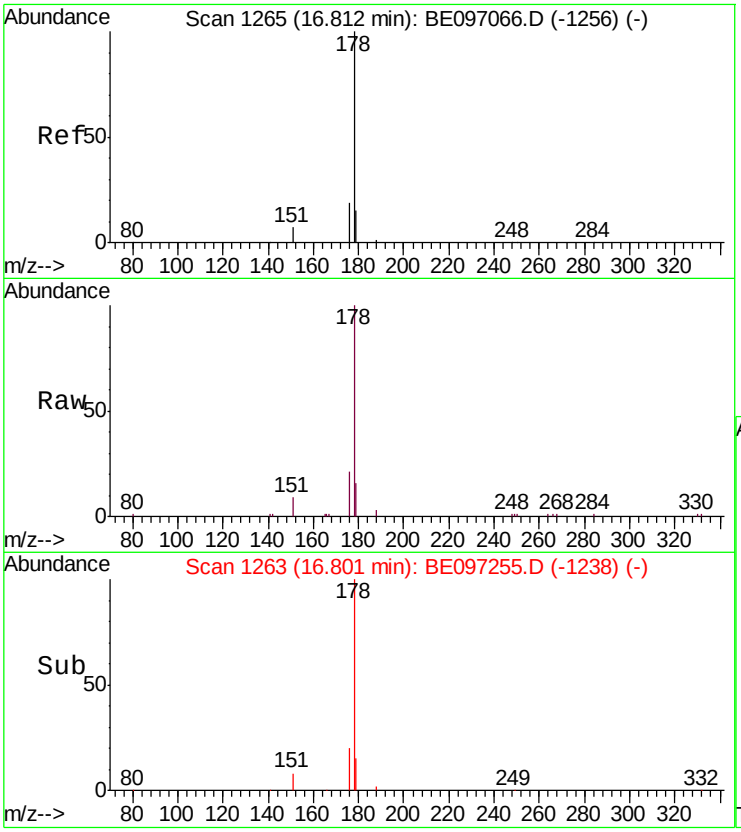




#22
Pentachlorophenol
Concen: 0.397 ng
RT: 16.44 min Scan# 1232
Delta R.T. 0.01 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

Tgt Ion:266 Resp: 365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 70.4 | 72.5 | 108.7# |
| 268 | 72.0 | 73.8 | 110.6# |



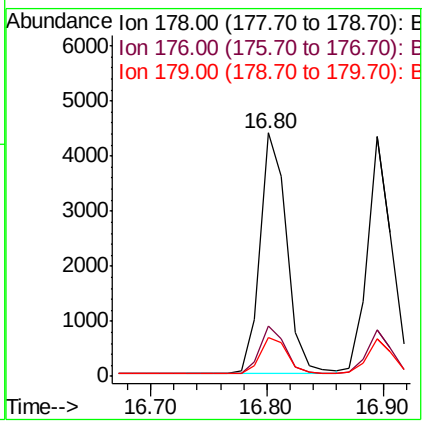


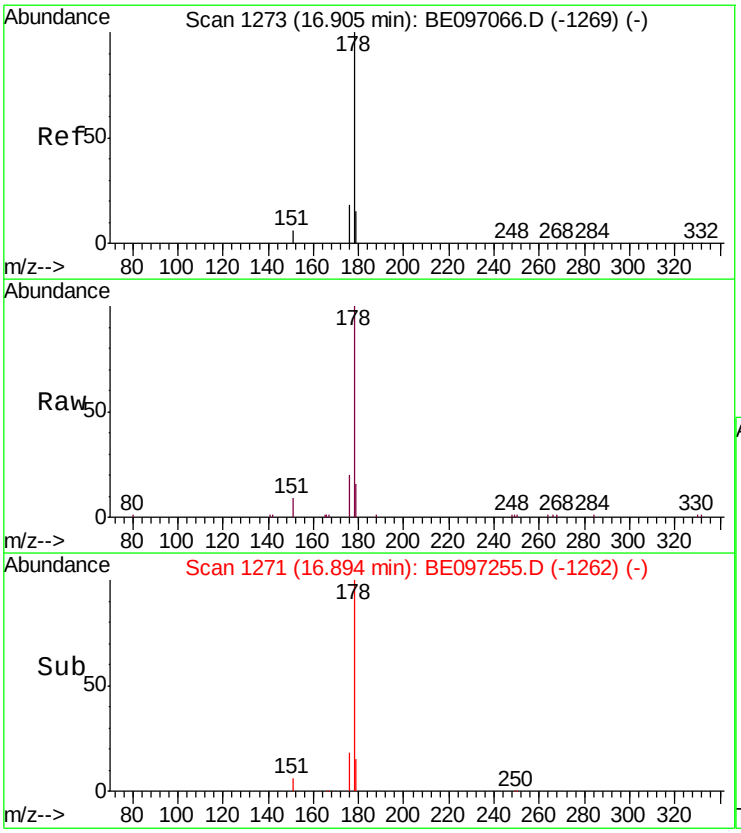

#23
Phenanthrene
Concen: 0.385 ng
RT: 16.80 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

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

Tgt Ion:178 Resp: 6983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 15.1 | 22.7 |
| 179 | 15.7 | 11.8 | 17.6 |

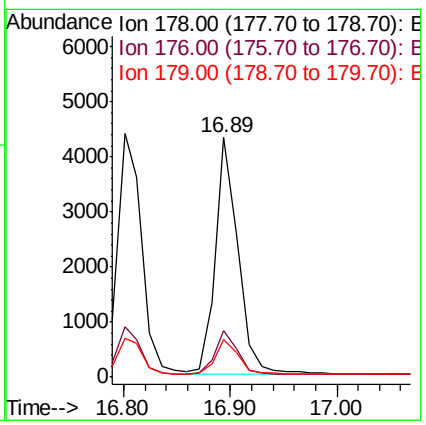


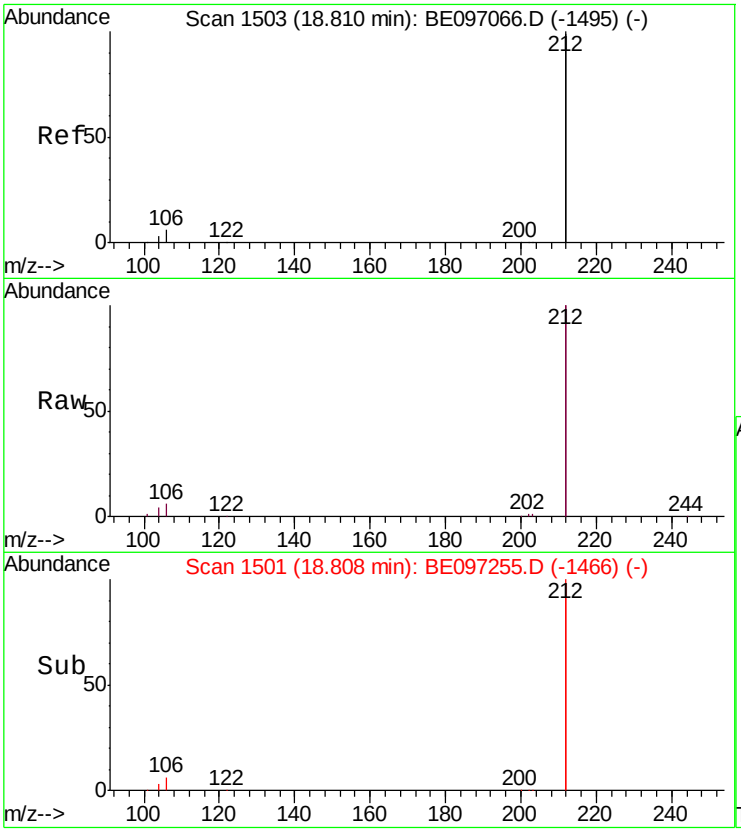




#24
Anthracene
Concen: 0.390 ng
RT: 16.89 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

Tgt Ion:178 Resp: 6325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 12.8 | 19.2 |
| 179 | 15.0 | 13.0 | 19.6 |



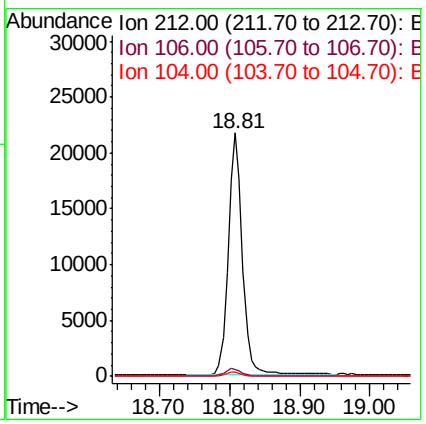


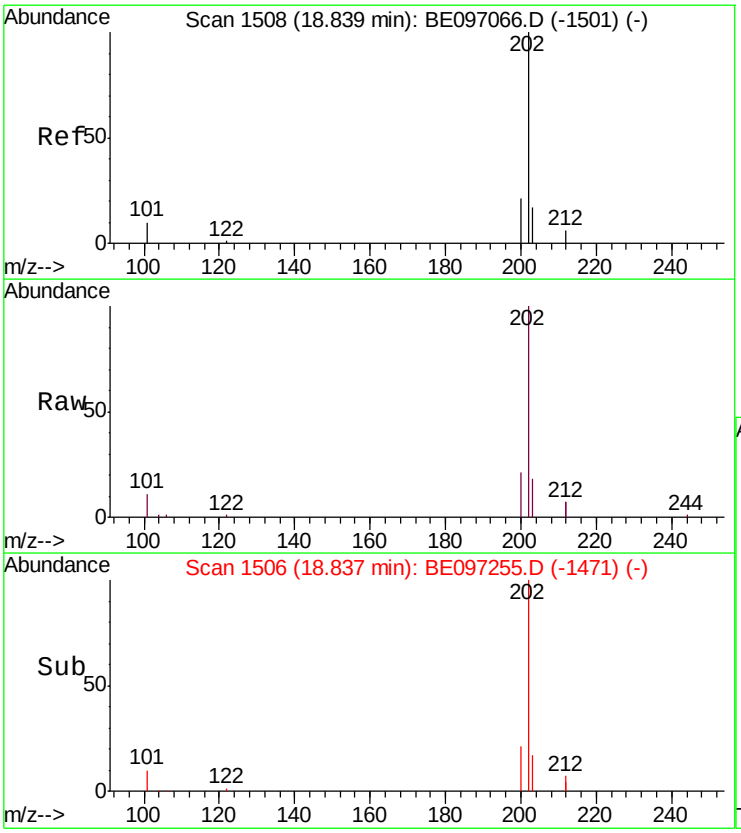

#25
Fluoranthene-d10
Concen: 0.393 ng
RT: 18.81 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

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

Tgt Ion:212 Resp: 29912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 3.0 | 2.8 | 4.2 |
| 104 | 1.7 | 1.6 | 2.4 |

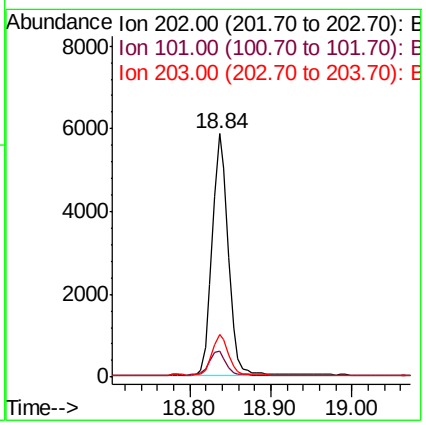


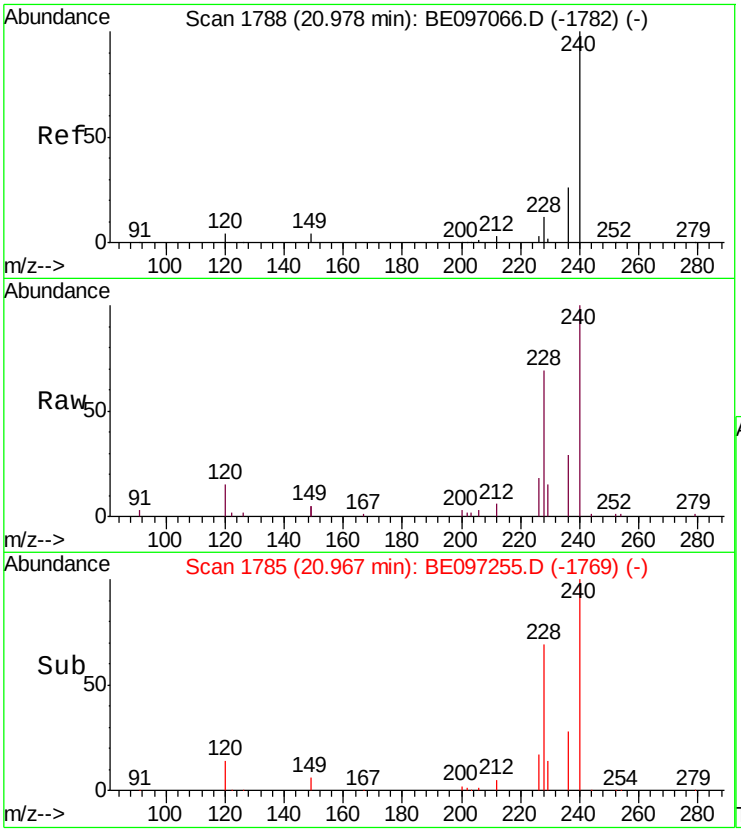




#26
Fluoranthene
Concen: 0.392 ng
RT: 18.84 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

Tgt Ion:202 Resp: 7964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.5 | 9.8 | 14.8 |
| 203 | 17.1 | 13.7 | 20.5 |



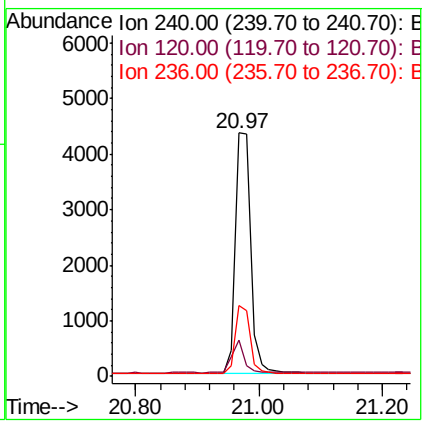


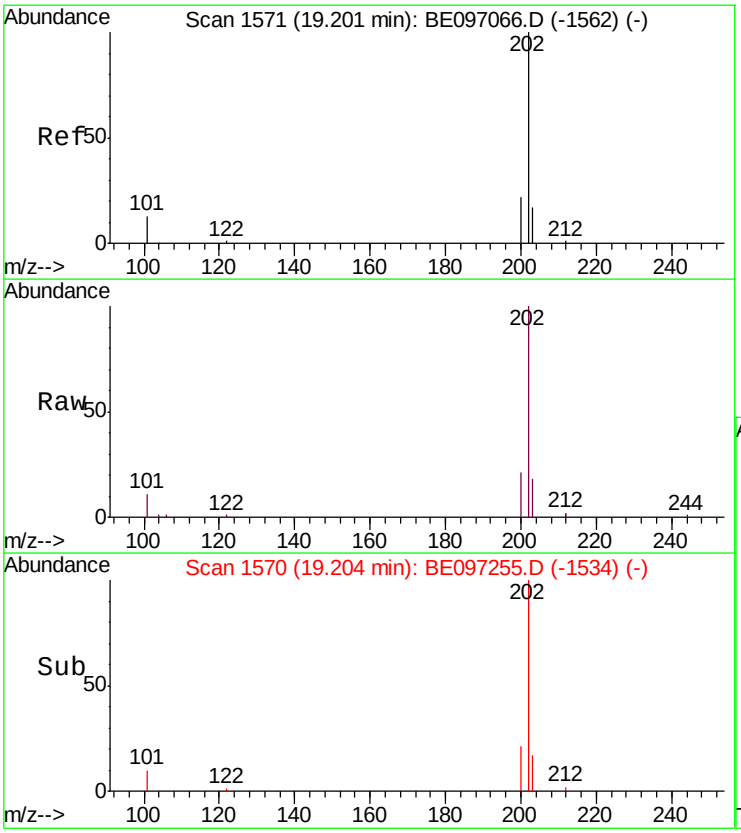

#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

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

Tgt Ion:240 Resp: 7431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 15.1 | 5.5 | 8.3# |
| 236 | 29.1 | 20.7 | 31.1 |

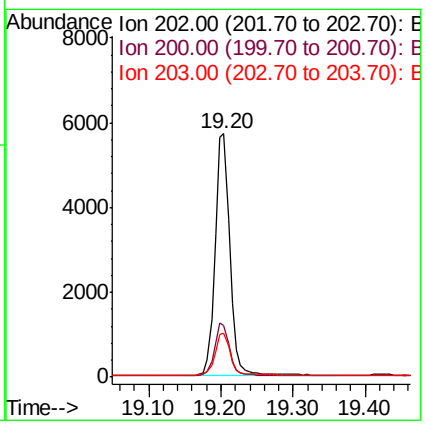


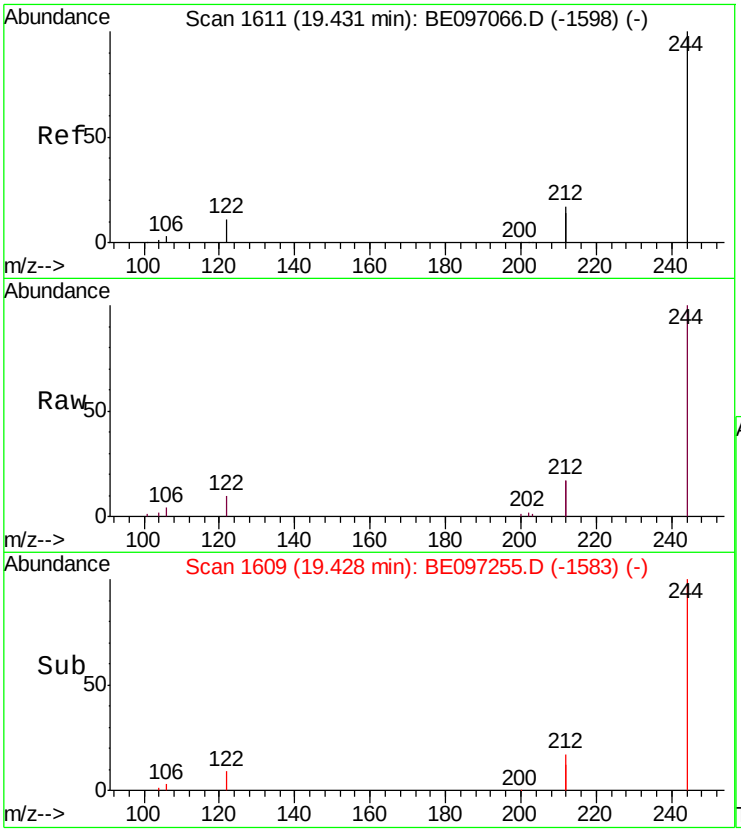




#28
Pyrene
Concen: 0.390 ng
RT: 19.20 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

Tgt Ion:202 Resp: 7947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.3 | 16.6 | 25.0 |
| 203 | 17.8 | 13.8 | 20.8 |



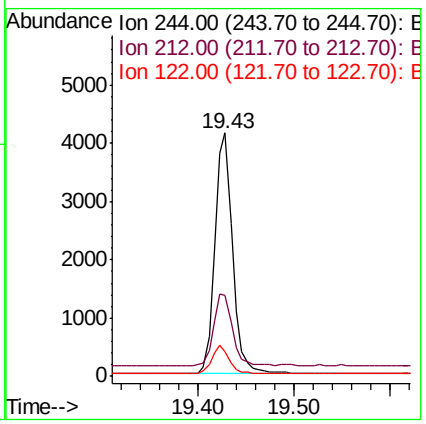


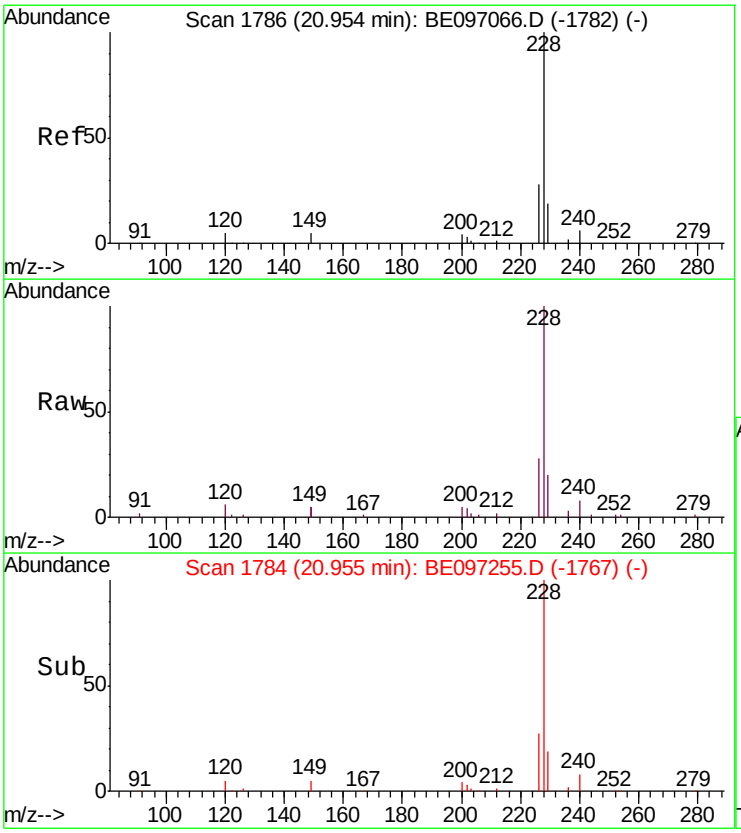

#29
Terphenyl-d14
Concen: 0.375 ng
RT: 19.43 min Scan# 1609
Delta R.T. -0.00 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

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

Tgt Ion:244 Resp: 5351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 33.4 | 25.4 | 38.0 |
| 122 | 10.1 | 8.1 | 12.1 |

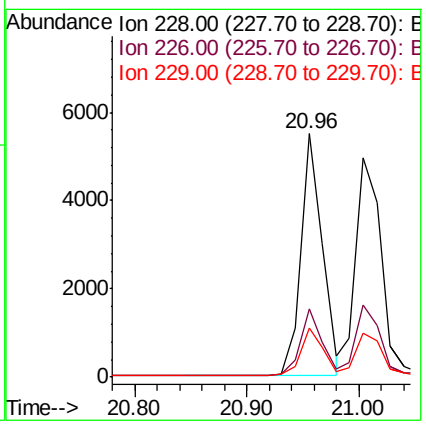


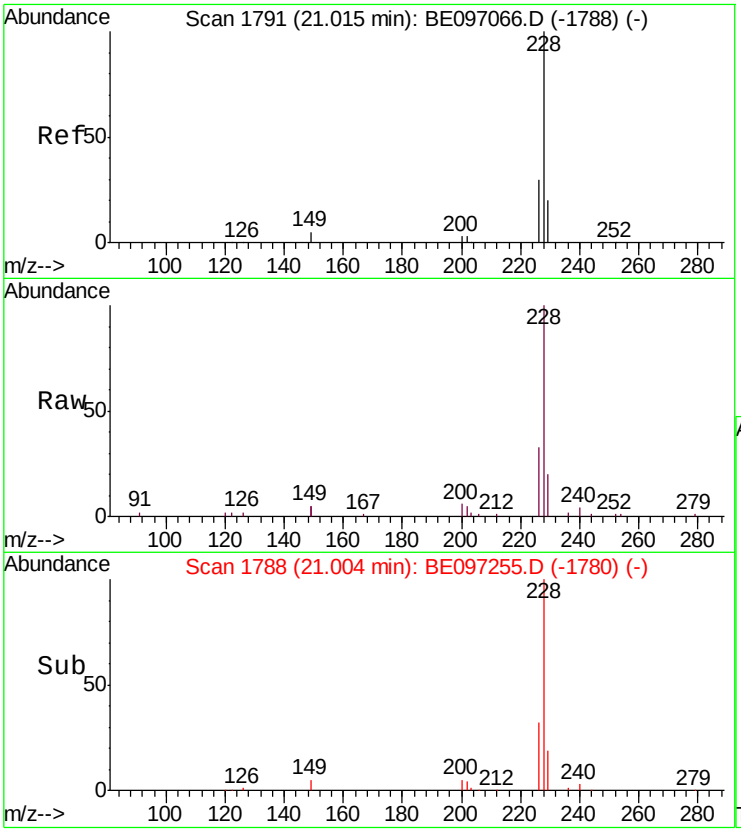




#30
Benzo(a)anthracene
Concen: 0.393 ng
RT: 20.96 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

Tgt Ion:228 Resp: 7259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.0 | 24.0 | 36.0 |
| 229 | 20.2 | 16.0 | 24.0 |



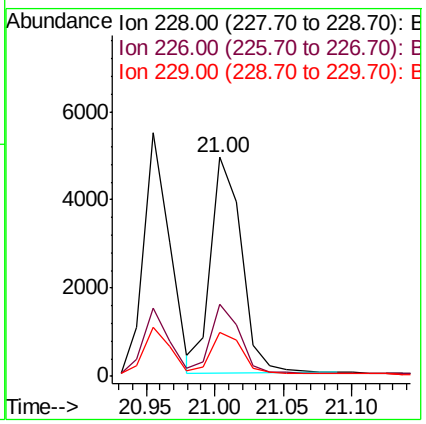


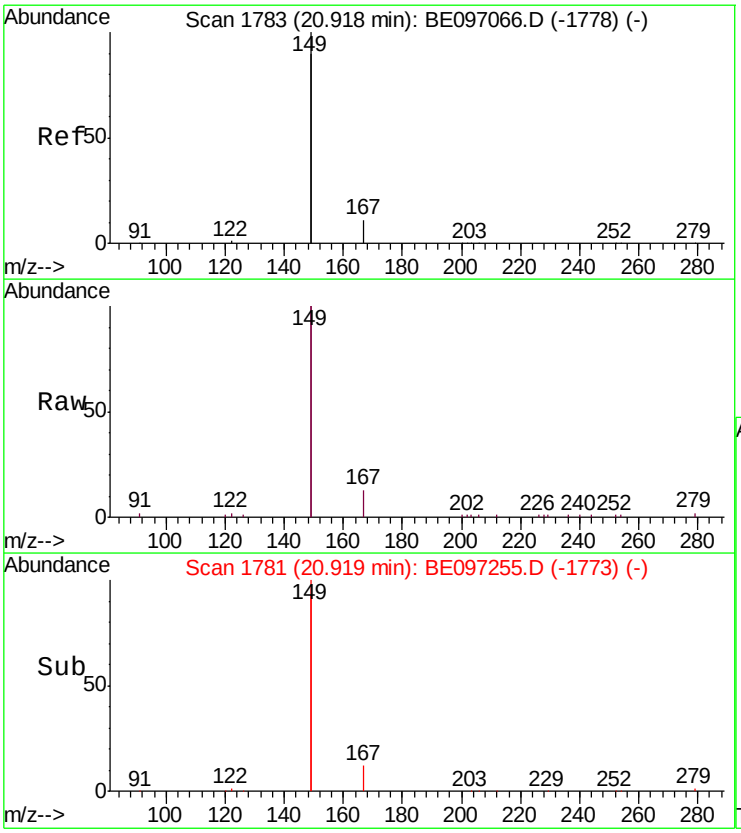

#31
Chrysene
Concen: 0.385 ng
RT: 21.00 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

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

Tgt Ion:228 Resp: 7629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 32.7 | 24.0 | 36.0 |
| 229 | 20.1 | 16.0 | 24.0 |

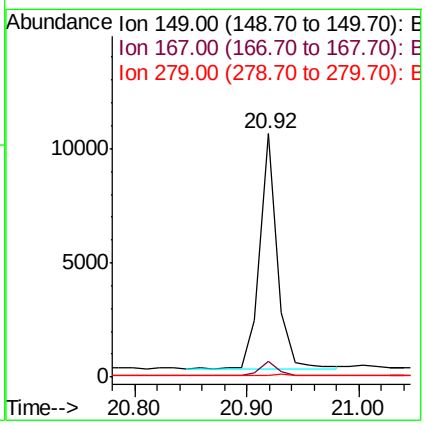


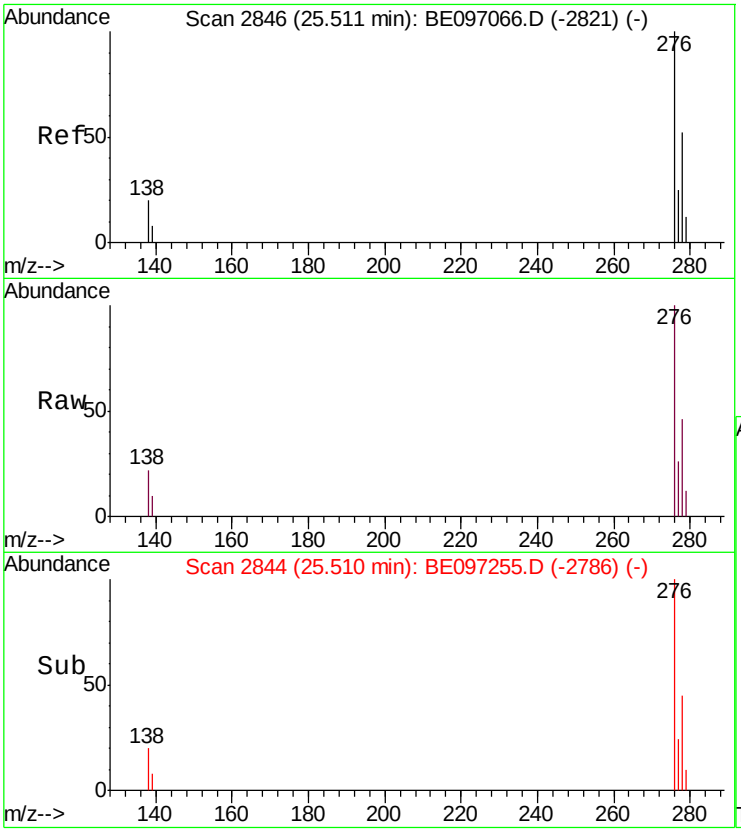




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.567 ng
RT: 20.92 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

Tgt Ion:149 Resp: 11284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 6.4 | 5.4 | 8.0 |
| 279 | 0.9 | 0.7 | 1.1 |



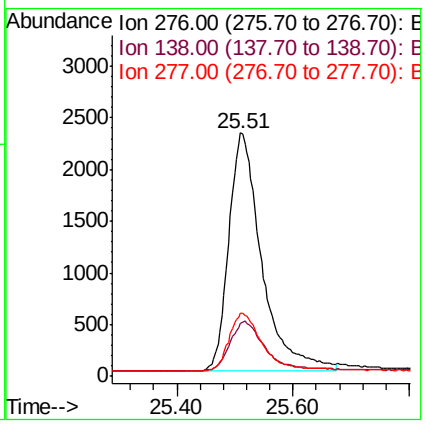


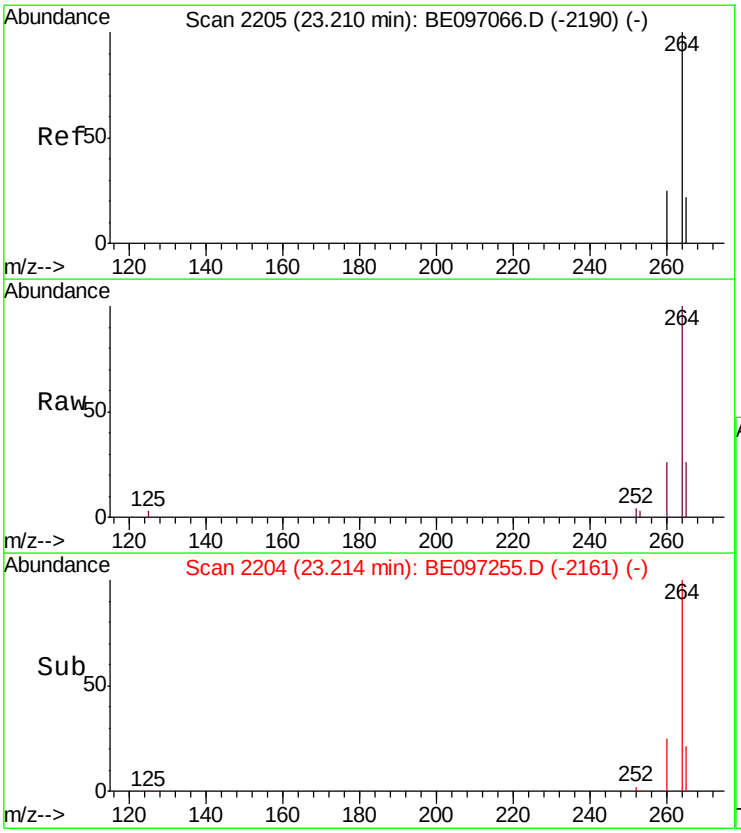

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.508 ng
RT: 25.51 min Scan# 2844
Delta R.T. 0.01 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

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

Tgt Ion:276 Resp: 9125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 20.9 | 22.5 | 33.7# |
| 277 | 24.4 | 19.9 | 29.9 |

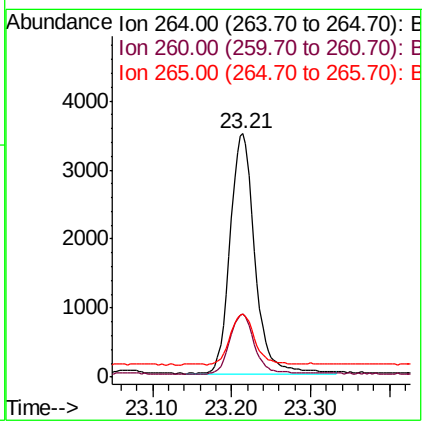


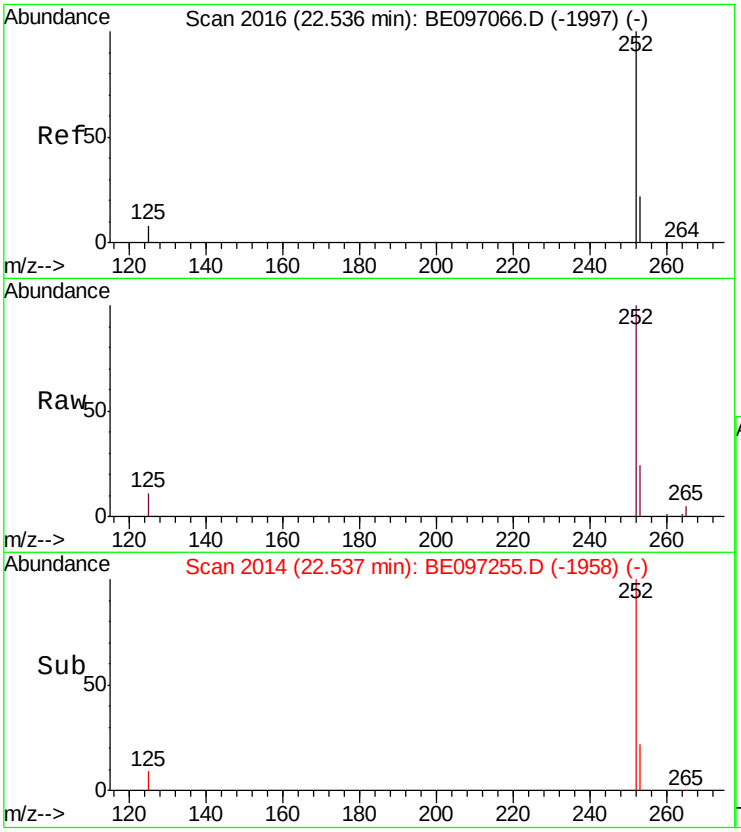




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

Tgt Ion:264 Resp: 7557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.8 | 20.5 | 30.7 |
| 265 | 26.1 | 22.8 | 34.2 |



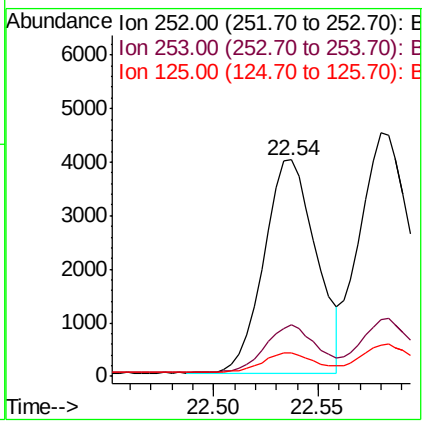


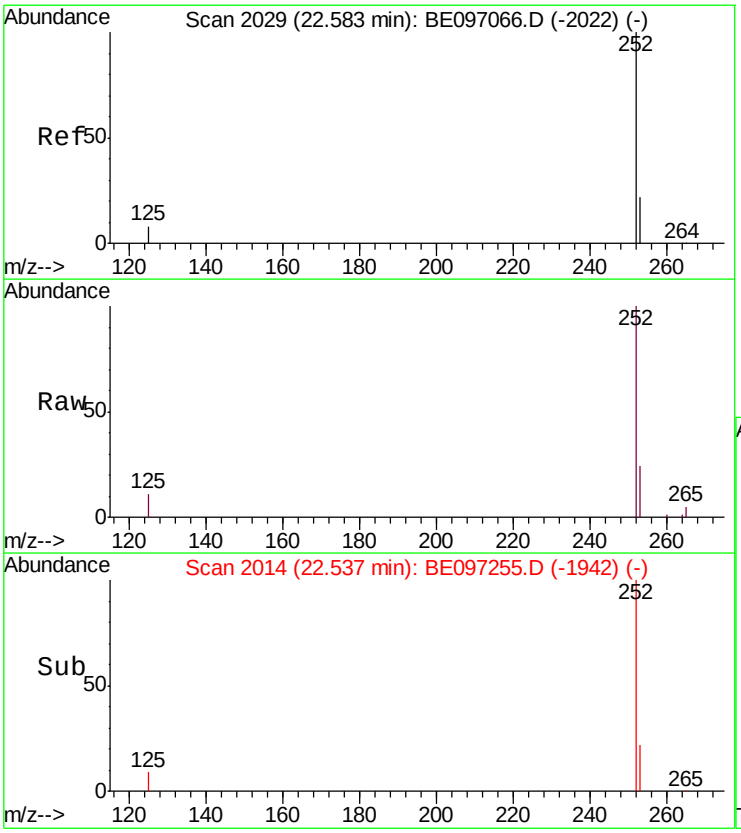

#35
Benzo(b)fluoranthene
Concen: 0.361 ng
RT: 22.54 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

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

Tgt Ion:252 Resp: 6919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.8 | 20.0 | 30.0 |
| 125 | 10.9 | 16.0 | 24.0# |

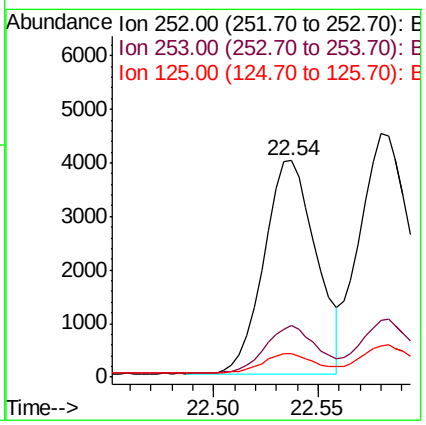


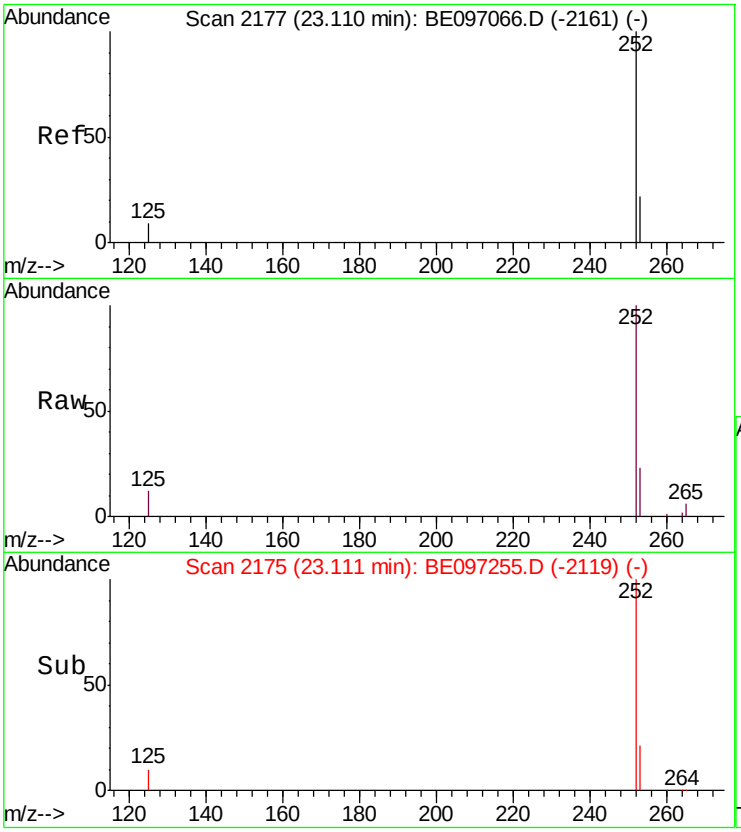




#36
Benzo(k)fluoranthene
Concen: 0.309 ng
RT: 22.54 min Scan# 2014
Delta R.T. -0.04 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

Tgt Ion:252 Resp: 6919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.8 | 16.0 | 24.0 |
| 125 | 10.9 | 8.0 | 12.0 |



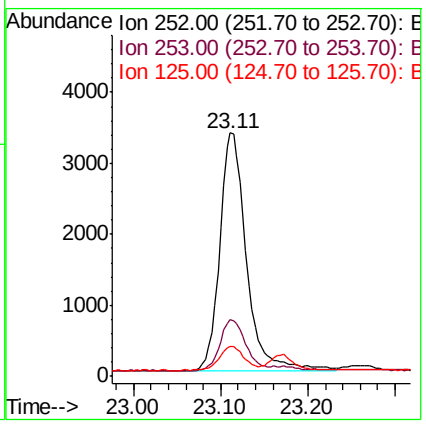


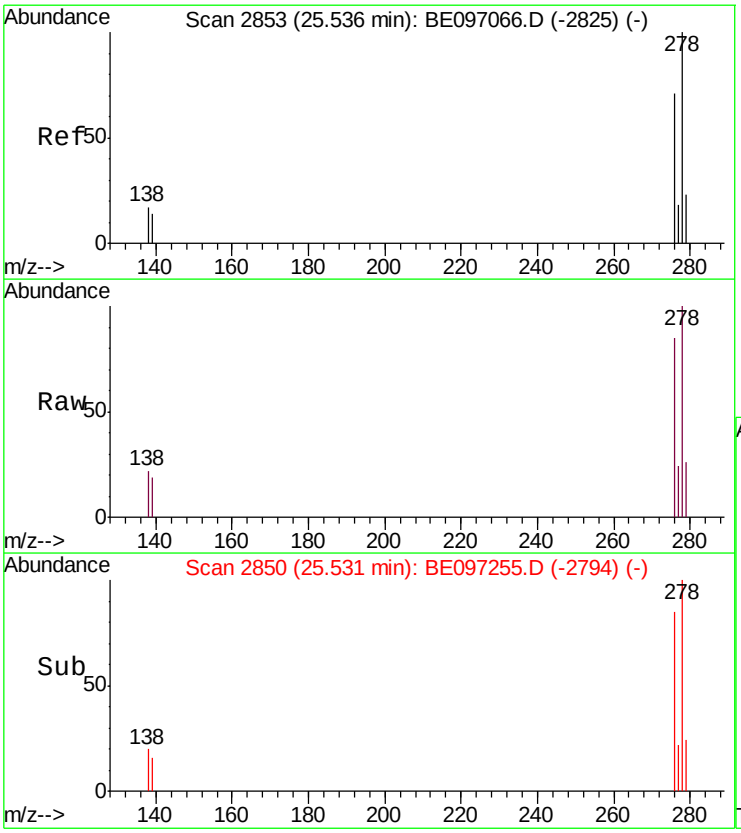

#37
Benzo(a)pyrene
Concen: 0.396 ng
RT: 23.11 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

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

Tgt Ion:252 Resp: 7147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.1 | 16.0 | 24.0 |
| 125 | 12.2 | 12.0 | 18.0 |

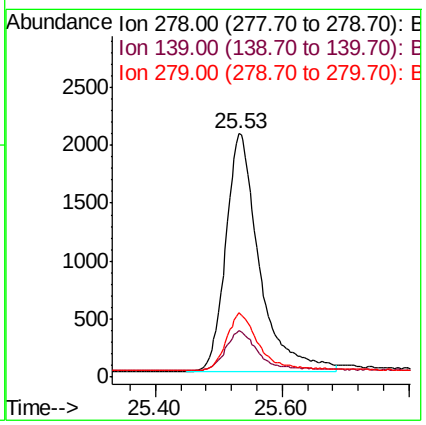


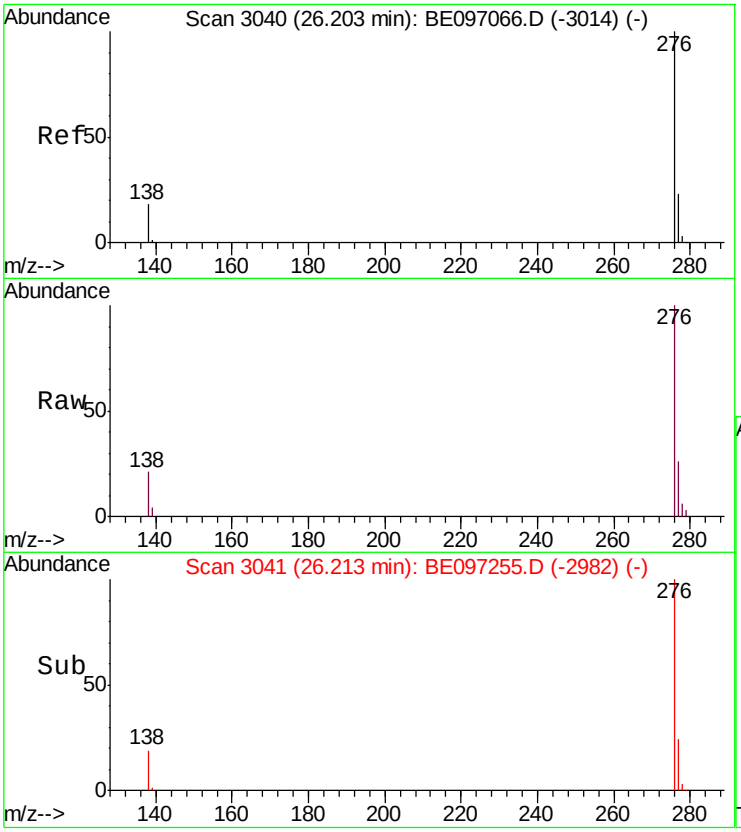




#38
Dibenzo(a,h)anthracene
Concen: 0.420 ng
RT: 25.53 min Scan# 2850
Delta R.T. -0.00 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

Tgt Ion:278 Resp: 7565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 18.9 | 16.0 | 24.0 |
| 279 | 26.3 | 20.0 | 30.0 |






#39
Benzo(g,h,i)perylene
Concen: 0.390 ng
RT: 26.21 min Scan# 3041
Delta R.T. 0.01 min
Lab File: BE097255.D
Acq: 10 Aug 2018 9:01

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

Tgt Ion:276 Resp: 7455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 25.6 | 16.0 | 24.0# |
| 138 | 20.8 | 20.0 | 30.0 |