Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110917\
Data File : BE094784.D
Acq On : 8 Nov 2017 15:43
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Nov 09 00:20:25 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 22:40:47 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.92 | 152 | 1166 | 0.40 | ng | | 0.01 |
| 7) Naphthalene-d8 | 10.71 | 136 | 6990 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.53 | 164 | 3738 | 0.40 | ng | | 0.02 |
| 19) Phenanthrene-d10 | 17.27 | 188 | 8271 | 0.40 | ng | | 0.03 |
| 27) Chrysene-d12 | 21.44 | 240 | 8432 | 0.40 | ng | | 0.01 |
| 34) Perylene-d12 | 23.98 | 264 | 7469 | 0.40 | ng | | 0.03 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.58 | 112 | 1227 | 0.31 | ng | | 0.05 |
| 5) Phenol-d6 | 7.20 | 99 | 2319 | 0.38 | ng | | 0.06 |
| 8) Nitrobenzene-d5 | 9.13 | 82 | 1813 | 0.32 | ng | | 0.05 |
| 11) 2-Methylnaphthalene-d10 | 12.30 | 152 | 3985 | 0.36 | ng | | 0.02 |
| 14) 2,4,6-Tribromophenol | 16.06 | 330 | 356 | 0.35 | ng | | 0.03 |
| 15) 2-Fluorobiphenyl | 13.16 | 172 | 4967 | 0.38 | ng | | 0.02 |
| 25) Fluoranthene-d10 | 19.30 | 212 | 36065 | 0.34 | ng | | 0.01 |
| 29) Terphenyl-d14 | 19.87 | 244 | 5939 | 0.37 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.42 | 88 | 721 | 0.37 | ng | # | 81 |
| 3) n-Nitrosodimethylamine | 3.78 | 42 | 547 | 0.29 | ng | # | 82 |
| 6) bis(2-Chloroethyl)ether | 7.35 | 93 | 1678 | 0.36 | ng | # | 57 |
| 9) Naphthalene | 10.76 | 128 | 28013 | 0.35 | ng | | 100 |
| 10) Hexachlorobutadiene | 11.01 | 225 | 1145 | 0.40 | ng | | 96 |
| 12) 2-Methylnaphthalene | 12.38 | 142 | 4622 | 0.34 | ng | | 98 |
| 16) Acenaphthylene | 14.24 | 152 | 7228 | 0.37 | ng | | 99 |
| 17) Acenaphthene | 14.58 | 154 | 4670 | 0.37 | ng | | 99 |
| 18) Fluorene | 15.58 | 166 | 5801 | 0.36 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.45 | 248 | 1289 | 0.29 | ng | # | 65 |
| 21) Hexachlorobenzene | 16.58 | 284 | 1915 | 0.48 | ng | # | 82 |
| 22) Pentachlorophenol | 17.07 | 266 | 113 | 0.22 | ng | | 99 |
| 23) Phenanthrene | 17.30 | 178 | 9974 | 0.46 | ng | | 97 |
| 24) Anthracene | 17.40 | 178 | 9252 | 0.38 | ng | | 99 |
| 26) Fluoranthene | 19.33 | 202 | 10723 | 0.33 | ng | | 98 |
| 28) Pyrene | 19.69 | 202 | 11295 | 0.38 | ng | | 98 |
| 30) Benzo(a)anthracene | 21.42 | 228 | 10281 | 0.37 | ng | # | 64 |
| 31) Chrysene | 21.47 | 228 | 10472 | 0.38 | ng | # | 66 |
| 32) Bis(2-ethylhexyl)phthalate | 21.28 | 149 | 25540 | 0.38 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.71 | 276 | 7166 | 0.28 | ng | | 97 |
| 35) Benzo(b)fluoranthene | 23.20 | 252 | 8635 | 0.36 | ng | # | 44 |
| 36) Benzo(k)fluoranthene | 23.25 | 252 | 10300 | 0.40 | ng | # | 44 |
| 37) Benzo(a)pyrene | 23.88 | 252 | 9077 | 0.39 | ng | # | 38 |
| 38) Dibenzo(a,h)anthracene | 26.69 | 278 | 6778 | 0.32 | ng | # | 52 |
| 39) Benzo(g,h,i)perylene | 27.56 | 276 | 5317 | 0.27 | ng | # | 64 |

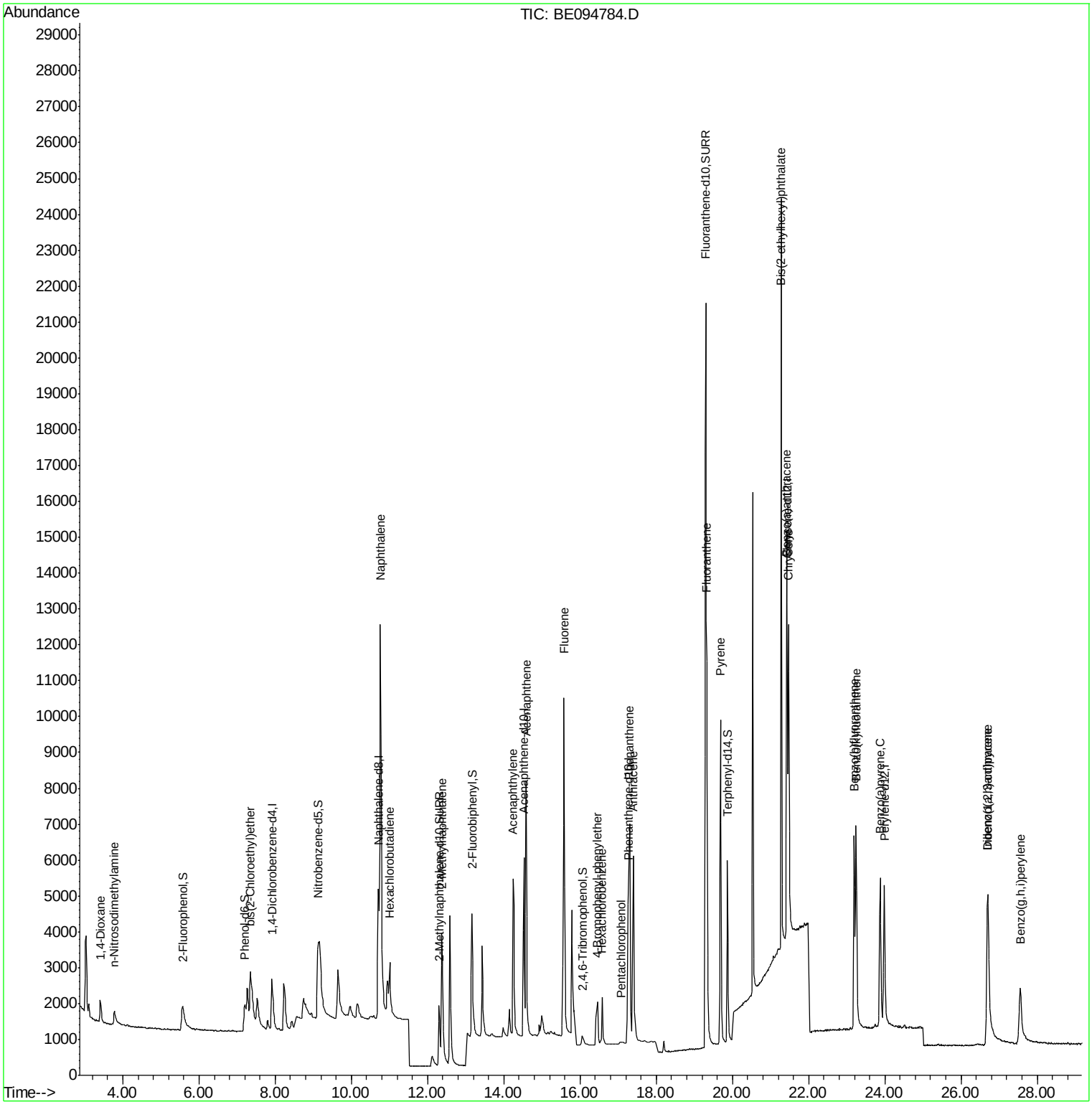
(#) = qualifier out of range (m) = manual integration (+) = signals summed

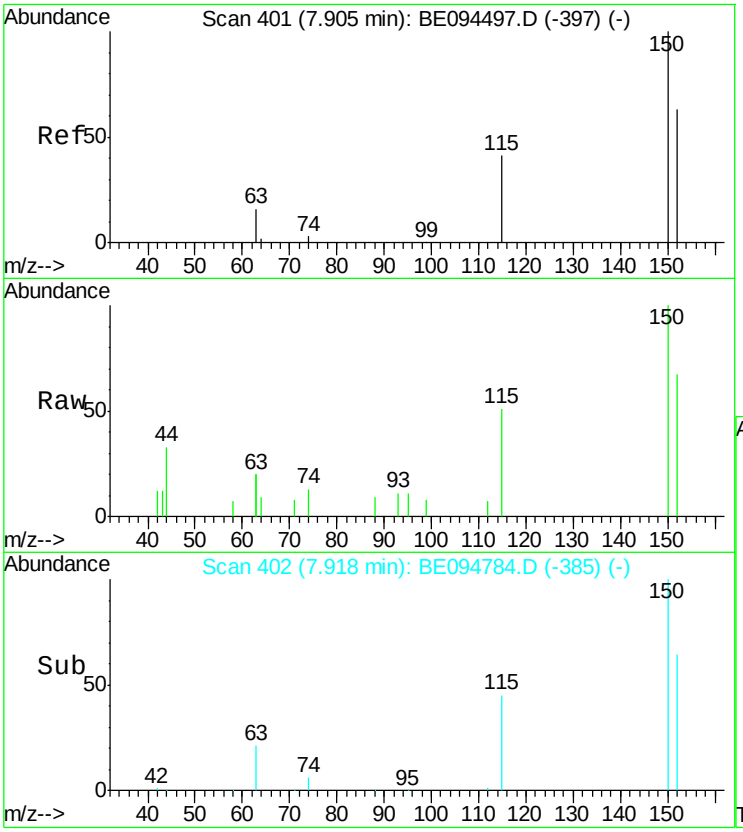
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110917\
Data File : BE094784.D
Acq On : 8 Nov 2017 15:43
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Nov 09 00:20:25 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 22:40:47 2017
Response via : Initial Calibration



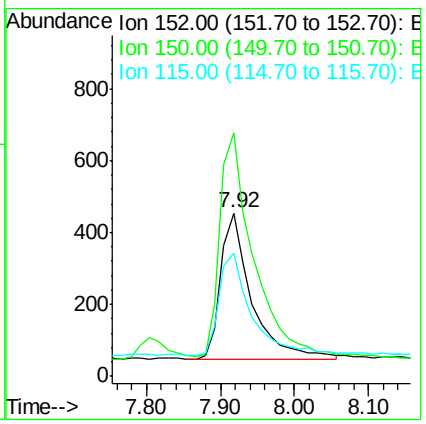


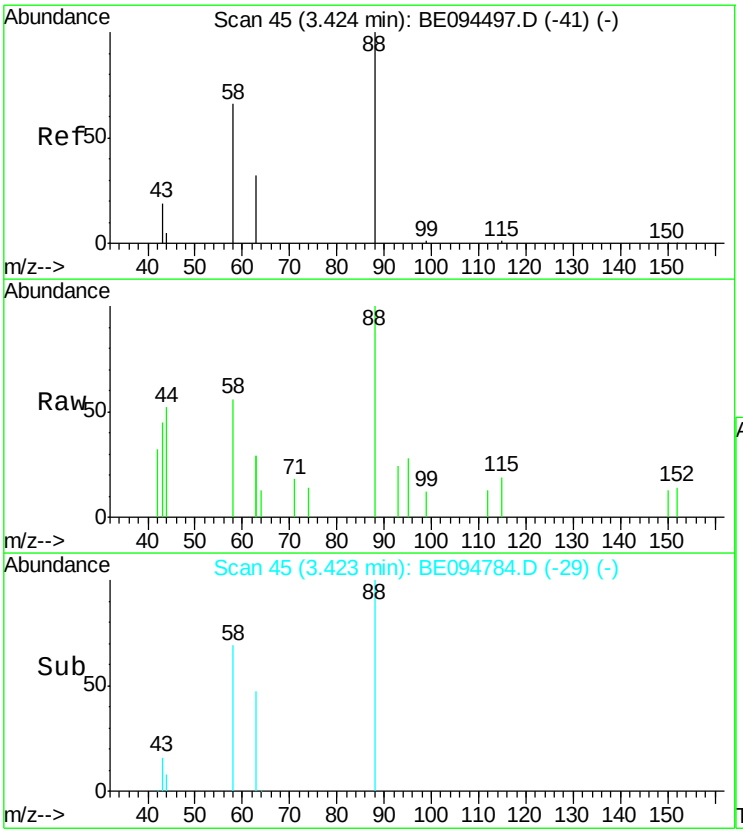

#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.01 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

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

Tgt Ion:152 Resp: 1166

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 149.1 | 117.2 | 175.8 |
| 115 | 75.6 | 57.0 | 85.6 |

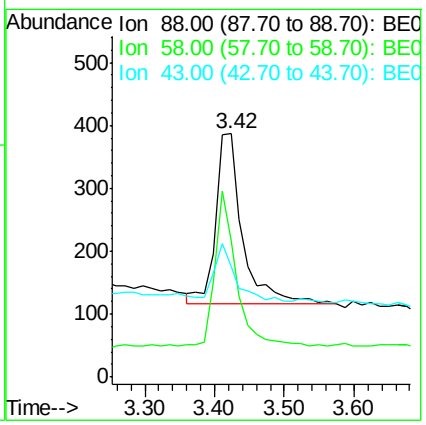


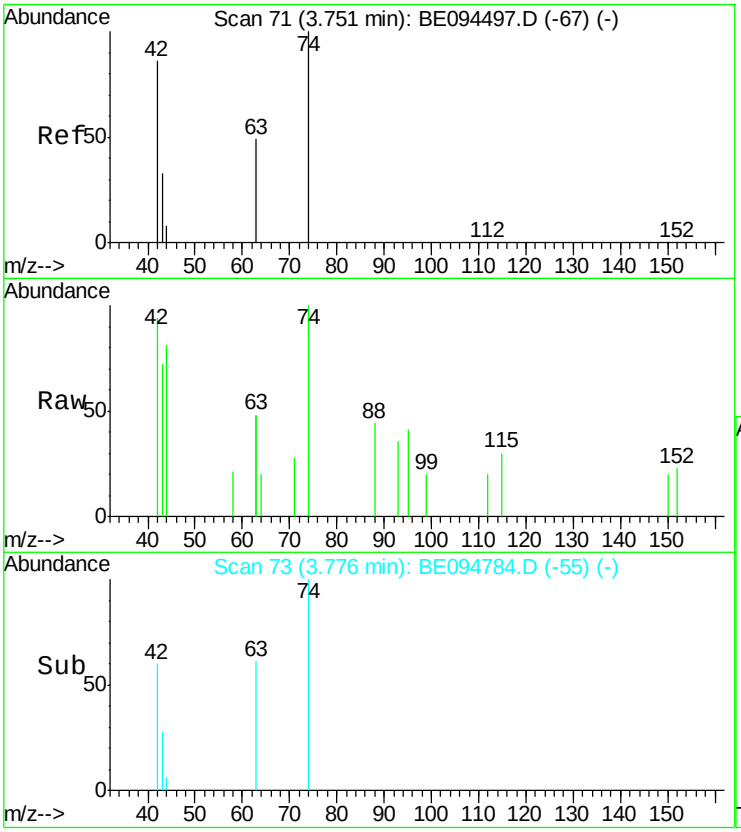




#2
1,4-Dioxane
Concen: 0.37 ng
RT: 3.42 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

Tgt Ion: 88 Resp: 721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 71.0 | 63.2 | 94.8 |
| 43 | 26.8 | 41.2 | 61.8# |

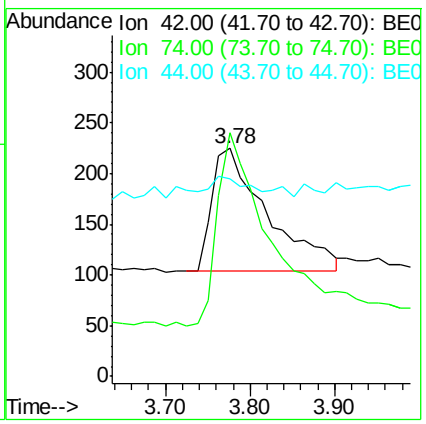




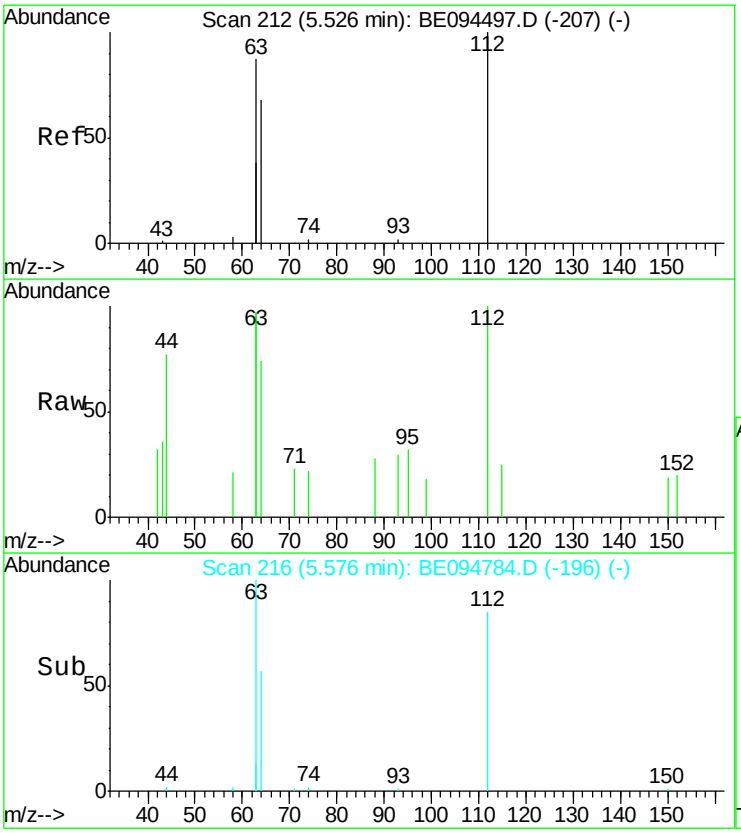

#3
n-Nitrosodimethylamine
Concen: 0.29 ng
RT: 3.78 min Scan# 73
Delta R.T. 0.02 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

Tgt Ion: 42 Resp: 547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 147.2 | 100.3 | 150.5 |
| 44 | 15.2 | 17.0 | 25.4# |



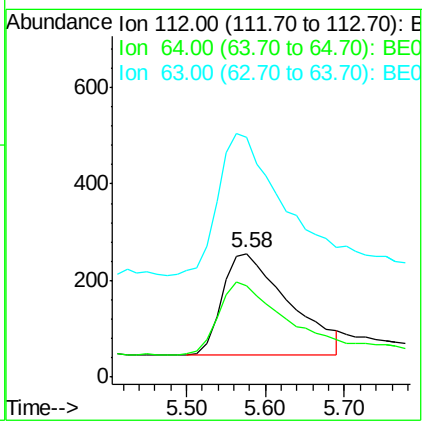

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4

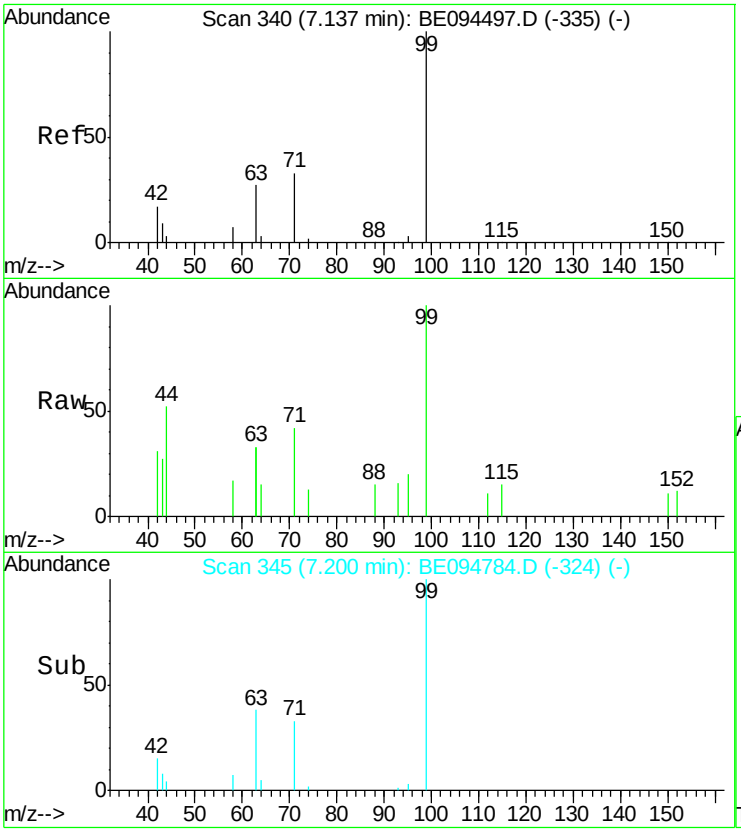



#4
2-Fluorophenol
Concen: 0.31 ng
RT: 5.58 min Scan# 216
Delta R.T. 0.05 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

Tgt Ion:112 Resp: 1227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 71.7 | 60.1 | 90.1 |
| 63 | 139.3 | 116.8 | 175.2 |



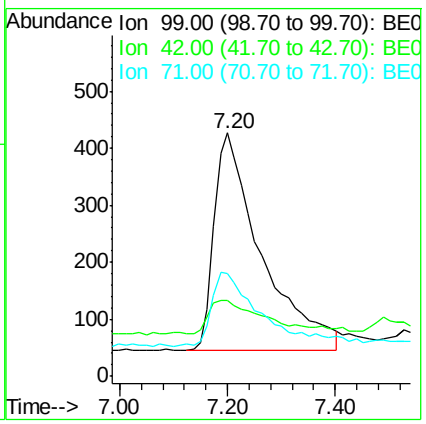


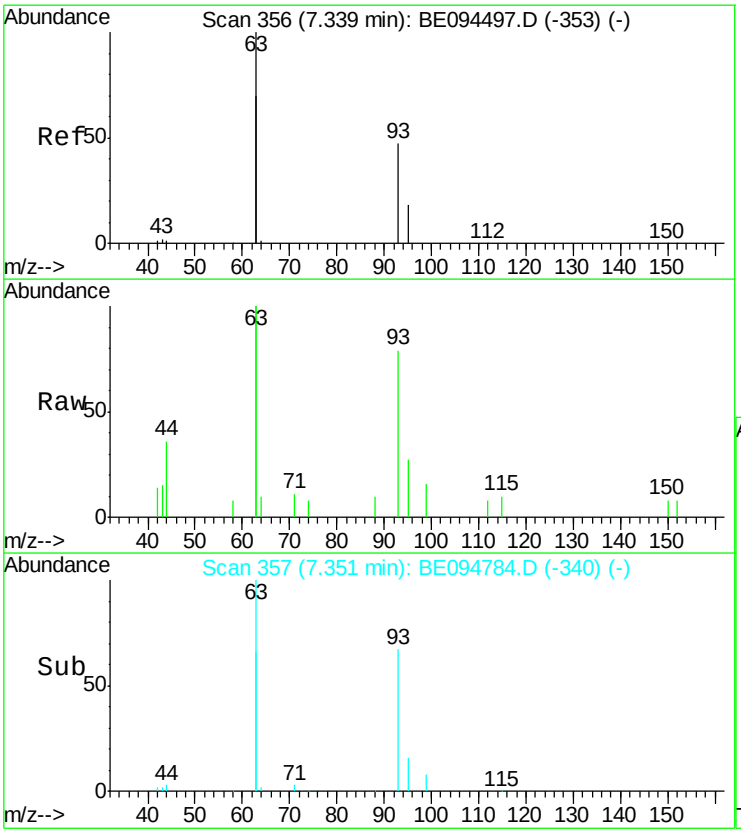

#5
Phenol-d6
Concen: 0.38 ng
RT: 7.20 min Scan# 345
Delta R.T. 0.06 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

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

Tgt Ion: 99 Resp: 2319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.2 | 20.2 | 30.2# |
| 71 | 35.3 | 28.4 | 42.6 |

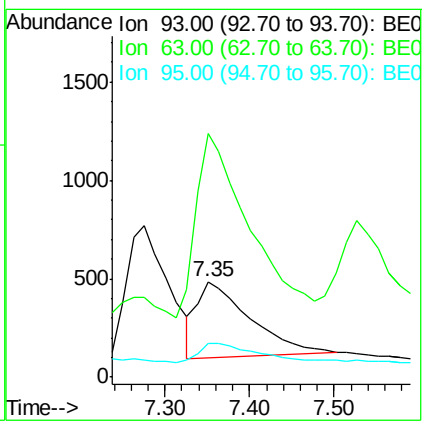


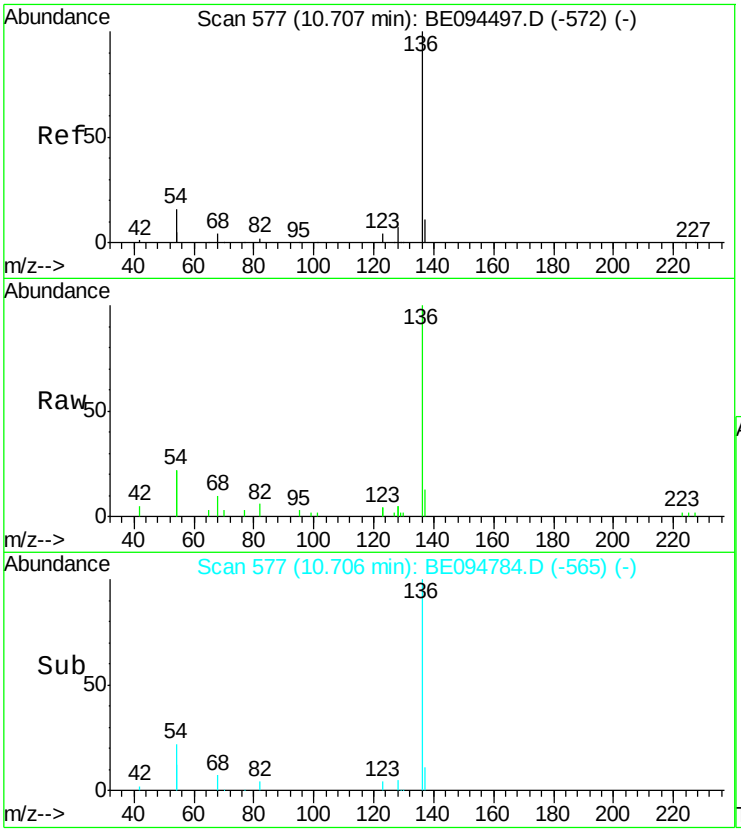




#6
bis(2-Chloroethyl)ether
Concen: 0.36 ng
RT: 7.35 min Scan# 357
Delta R.T. 0.01 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

Tgt Ion: 93 Resp: 1678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 245.5 | 275.3 | 412.9# |
| 95 | 26.6 | 25.2 | 37.8 |



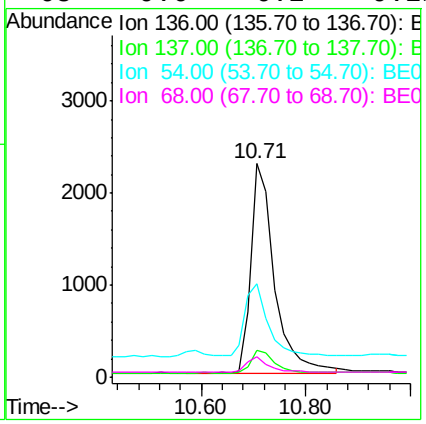


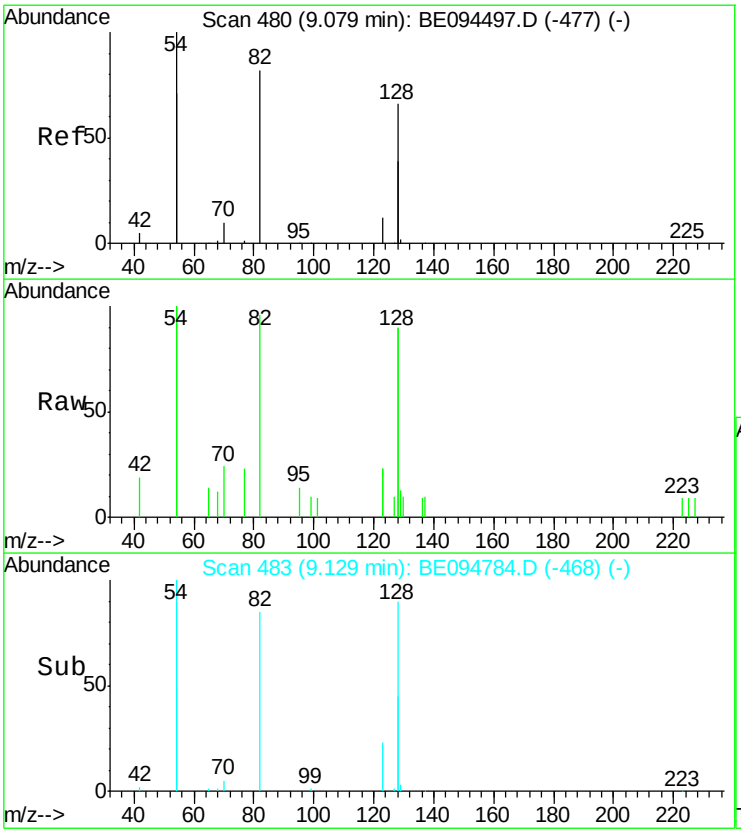

#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.71 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

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

Tgt Ion:136 Resp: 6990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.6 | 9.5 | 14.3 |
| 54 | 43.8 | 29.1 | 43.7# |
| 68 | 9.6 | 6.2 | 9.2# |

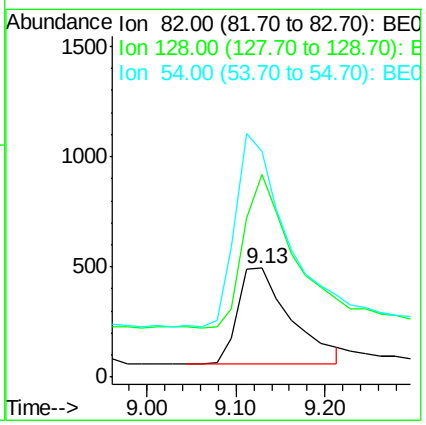


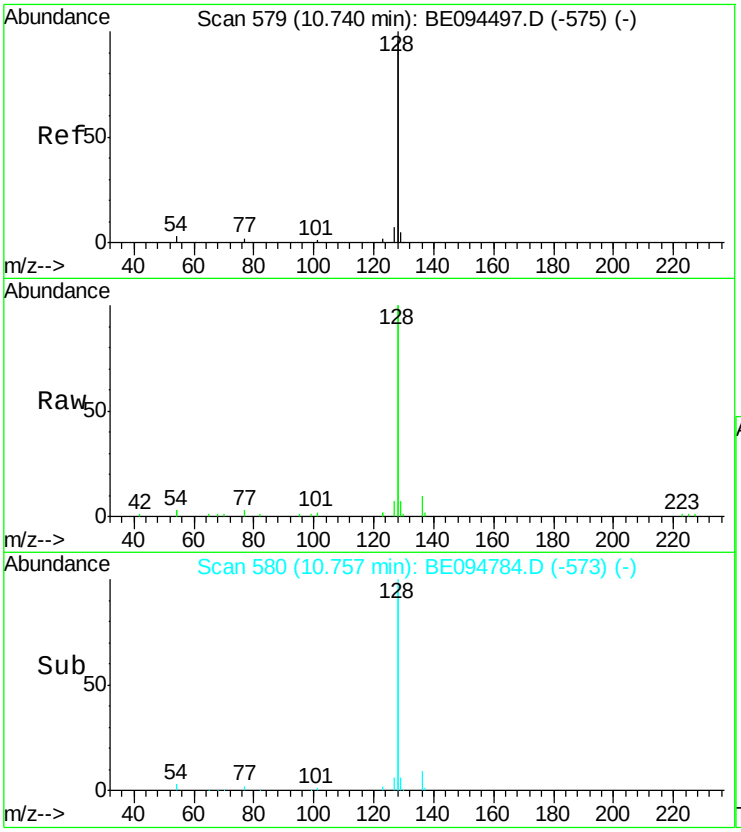




#8
Nitrobenzene-d5
Concen: 0.32 ng
RT: 9.13 min Scan# 483
Delta R.T. 0.05 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

Tgt Ion: 82 Resp: 1813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 186.2 | 150.0 | 225.0 |
| 54 | 207.3 | 154.2 | 231.4 |



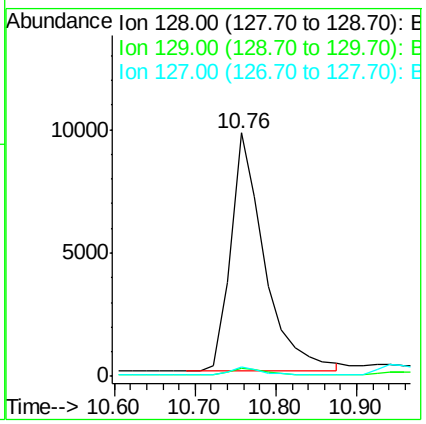


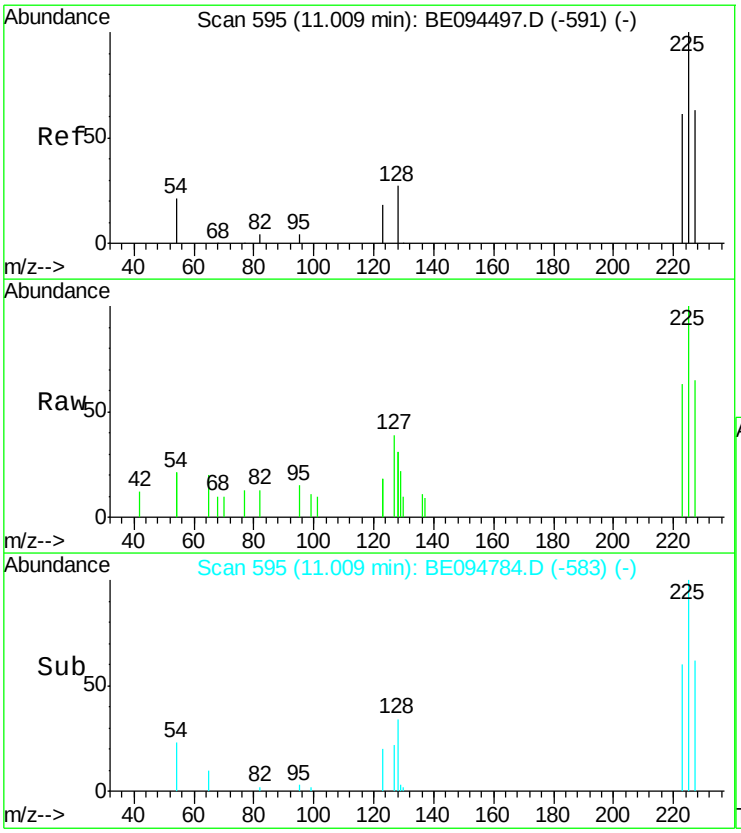

#9
Naphthalene
Concen: 0.35 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.02 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

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

Tgt Ion:128 Resp: 28013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 3.3 | 2.6 | 3.8 |
| 127 | 3.6 | 2.8 | 4.2 |

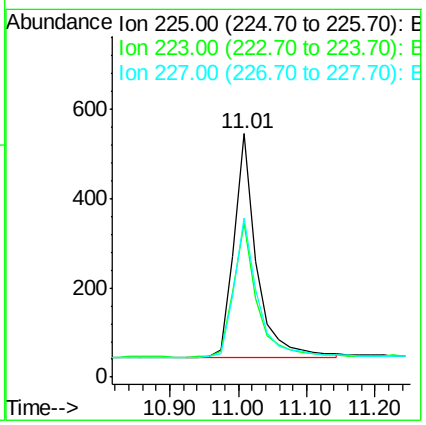


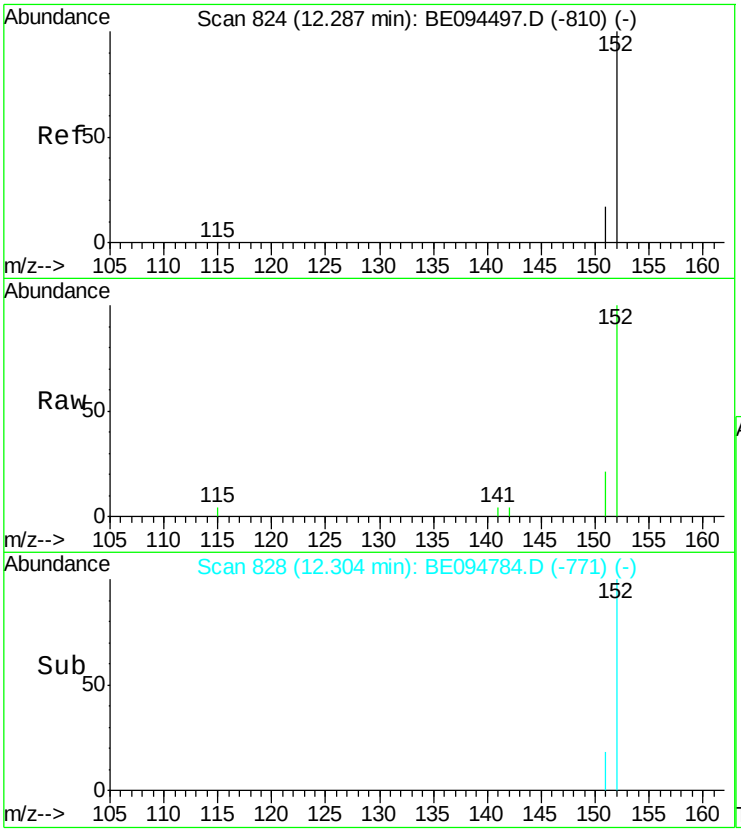




#10
Hexachlorobutadiene
Concen: 0.40 ng
RT: 11.01 min Scan# 595
Delta R.T. -0.00 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

Tgt Ion:225 Resp: 1145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.1 | 53.0 | 79.6 |
| 227 | 66.0 | 51.4 | 77.2 |



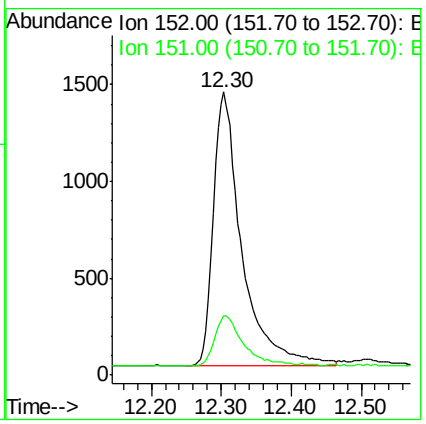


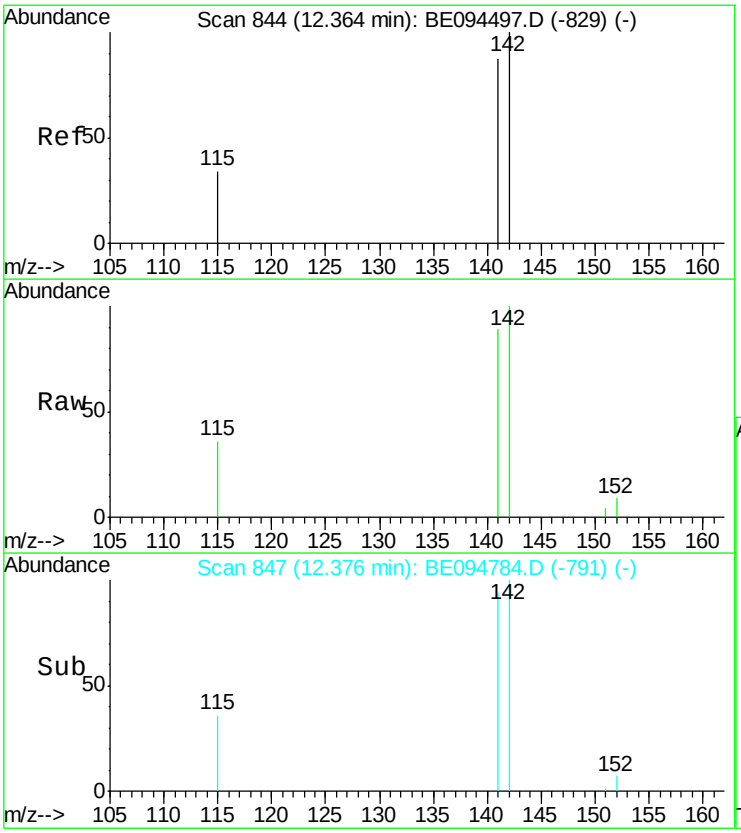

#11
2-Methylnaphthalene-d10
Concen: 0.36 ng
RT: 12.30 min Scan# 828
Delta R.T. 0.02 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

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

Tgt Ion:152 Resp: 3985

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

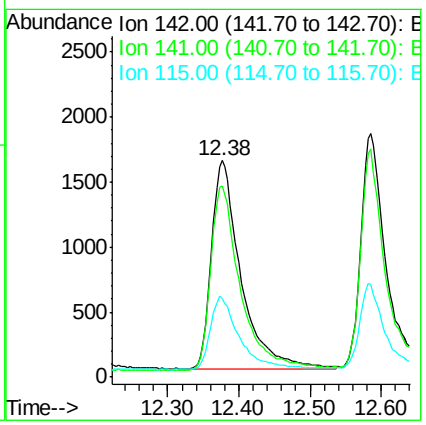


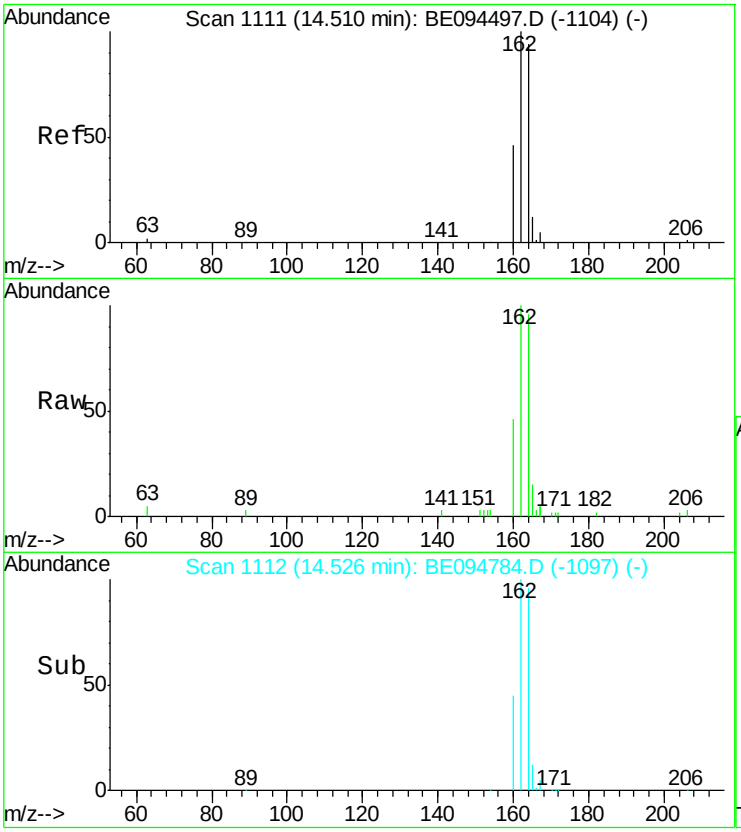




#12
2-Methylnaphthalene
Concen: 0.34 ng
RT: 12.38 min Scan# 847
Delta R.T. 0.01 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

Tgt Ion:142 Resp: 4622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.6 | 70.4 | 105.6 |
| 115 | 36.3 | 31.7 | 47.5 |



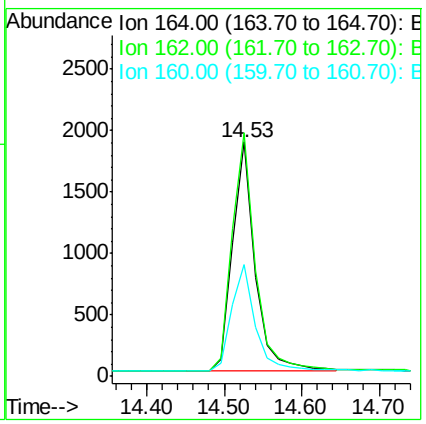


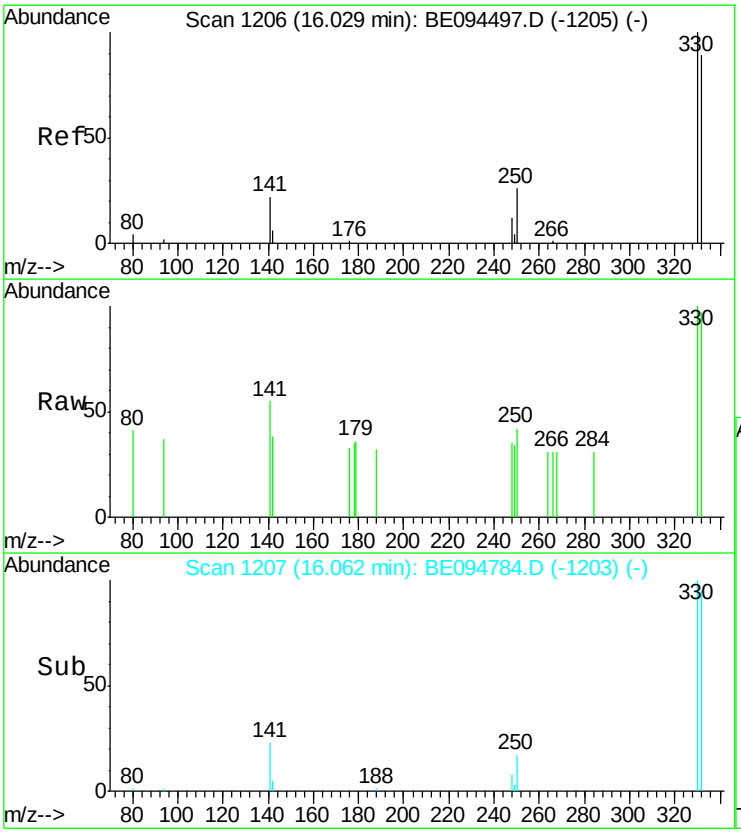

#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.02 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

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

Tgt Ion:164 Resp: 3738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.8 | 83.1 | 124.7 |
| 160 | 47.9 | 37.1 | 55.7 |

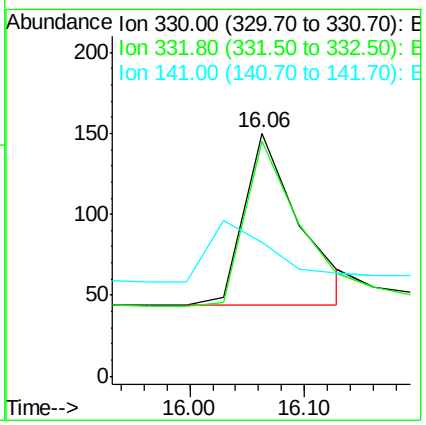


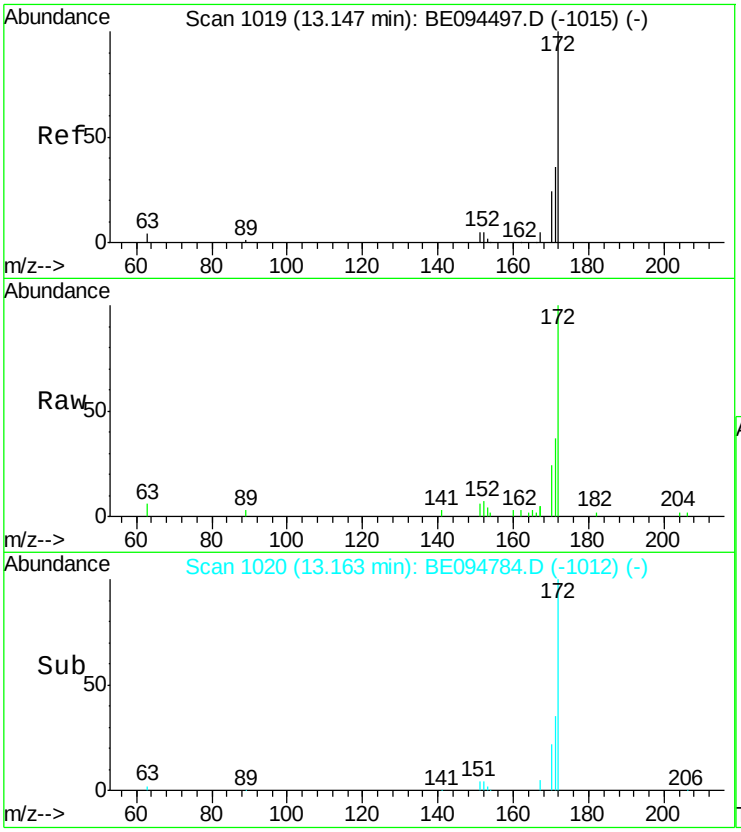




#14
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 16.06 min Scan# 1207
Delta R.T. 0.03 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

Tgt Ion:330 Resp: 356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.2 | 152.7 | 229.1# |
| 141 | 0.0 | 33.7 | 50.5# |



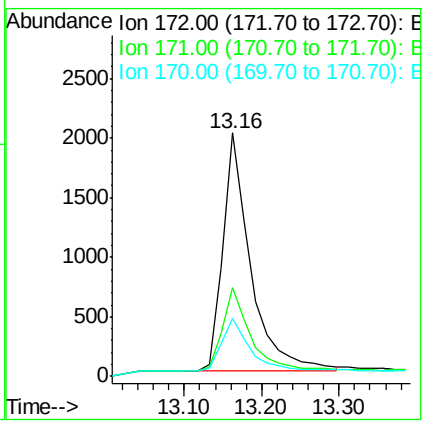


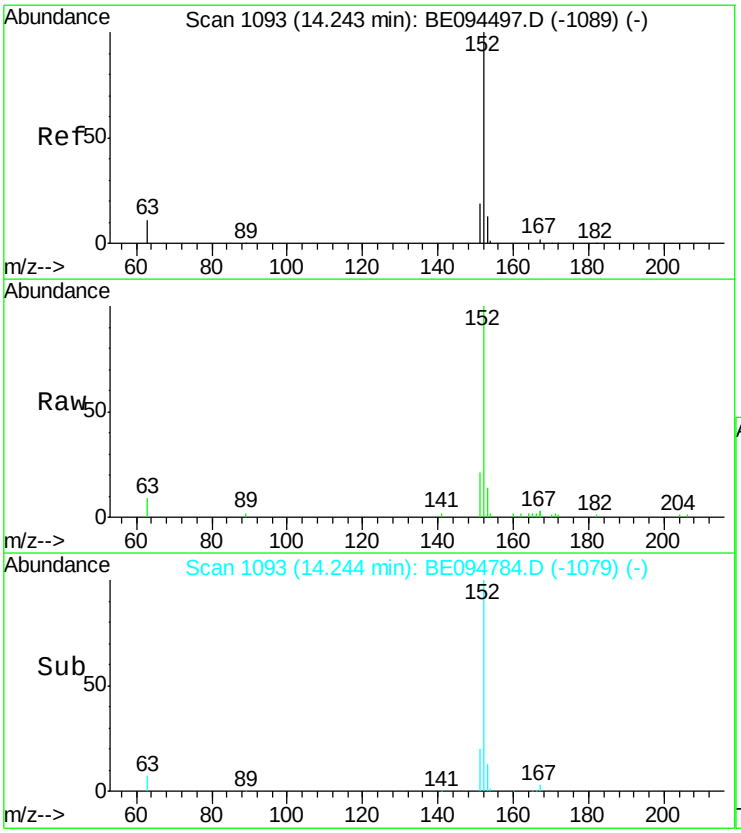

#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.02 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

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

Tgt Ion:172 Resp: 4967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.5 | 29.9 | 44.9 |
| 170 | 23.9 | 21.8 | 32.8 |

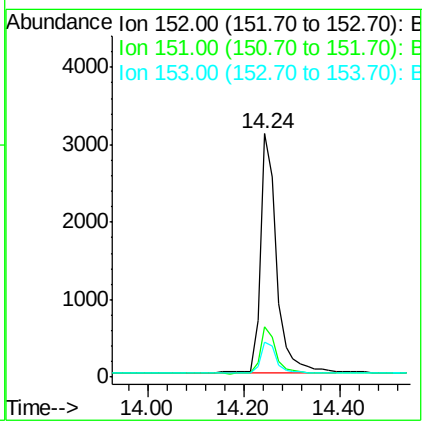


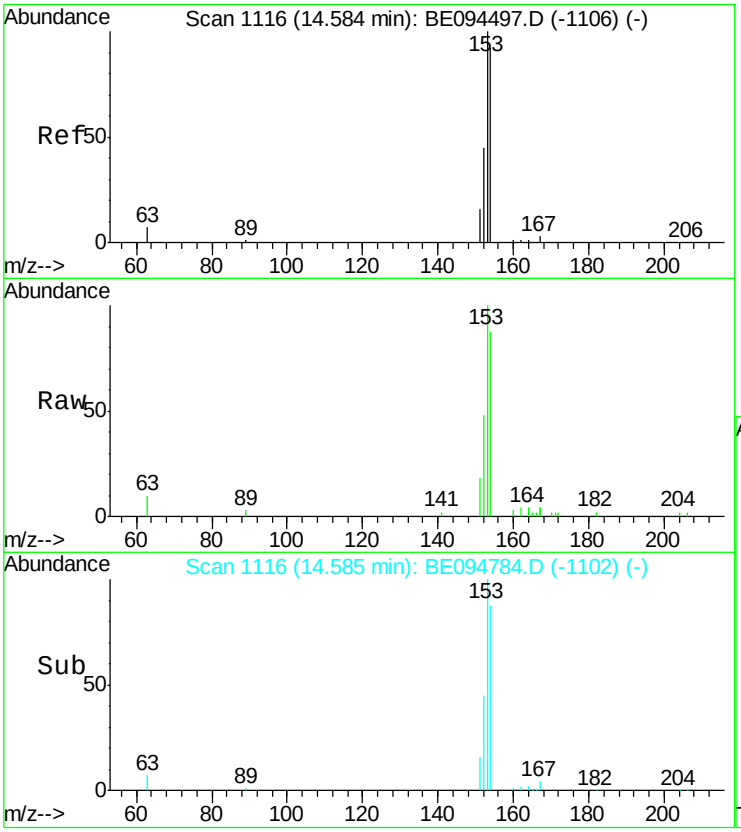




#16
Acenaphthylene
Concen: 0.37 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

Tgt Ion:152 Resp: 7228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.2 | 15.7 | 23.5 |
| 153 | 12.9 | 10.5 | 15.7 |



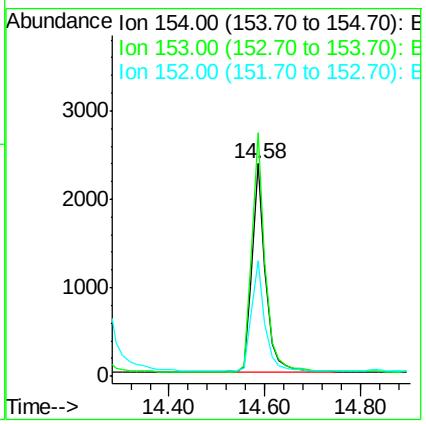


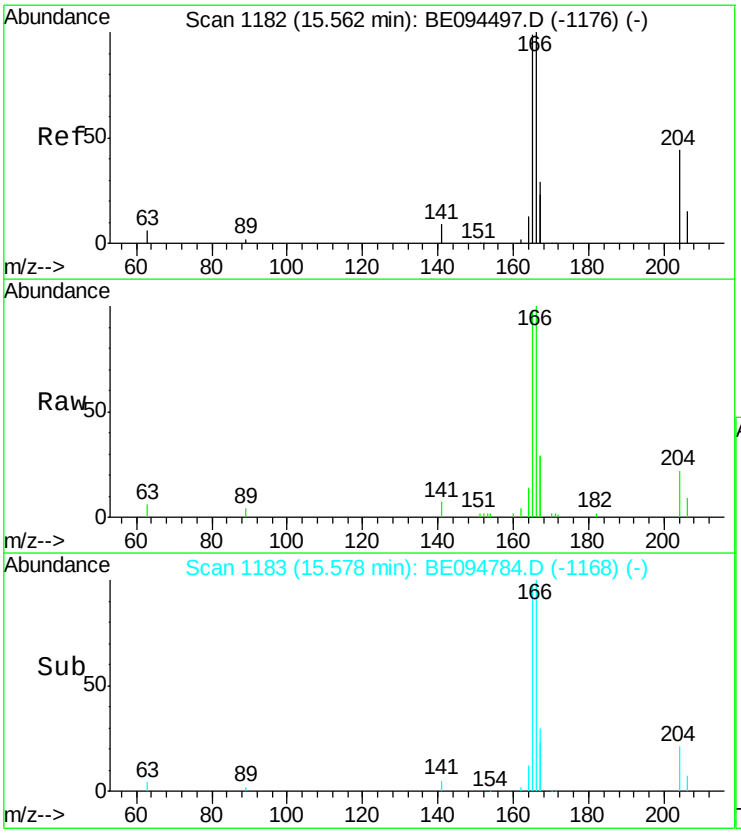

#17
Acenaphthene
Concen: 0.37 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

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

Tgt Ion:154 Resp: 4670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.5 | 89.2 | 133.8 |
| 152 | 52.3 | 42.0 | 63.0 |

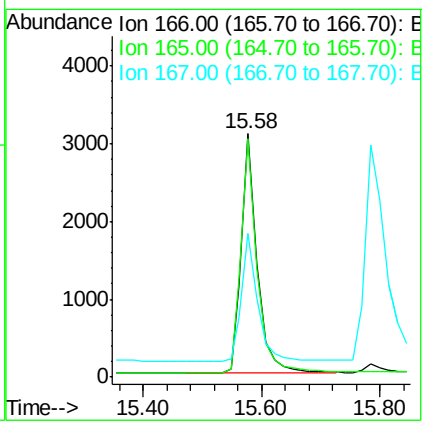


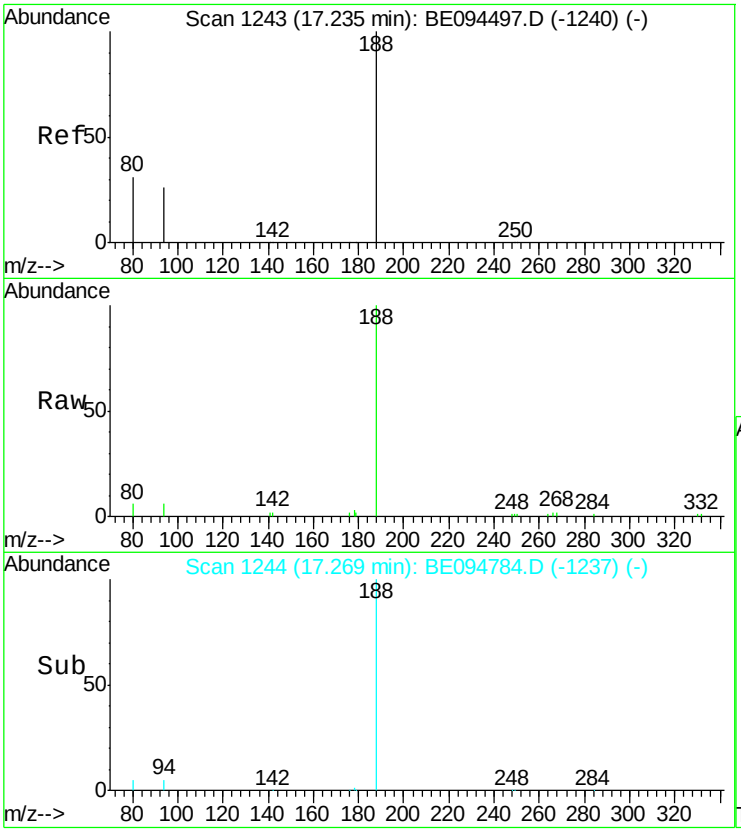




#18
Fluorene
Concen: 0.36 ng
RT: 15.58 min Scan# 1183
Delta R.T. 0.02 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

Tgt Ion:166 Resp: 5801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.9 | 77.8 | 116.6 |
| 167 | 53.6 | 42.4 | 63.6 |



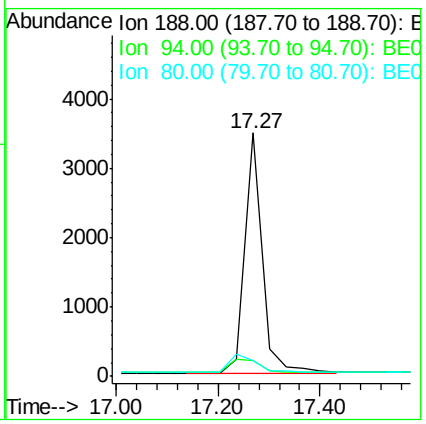


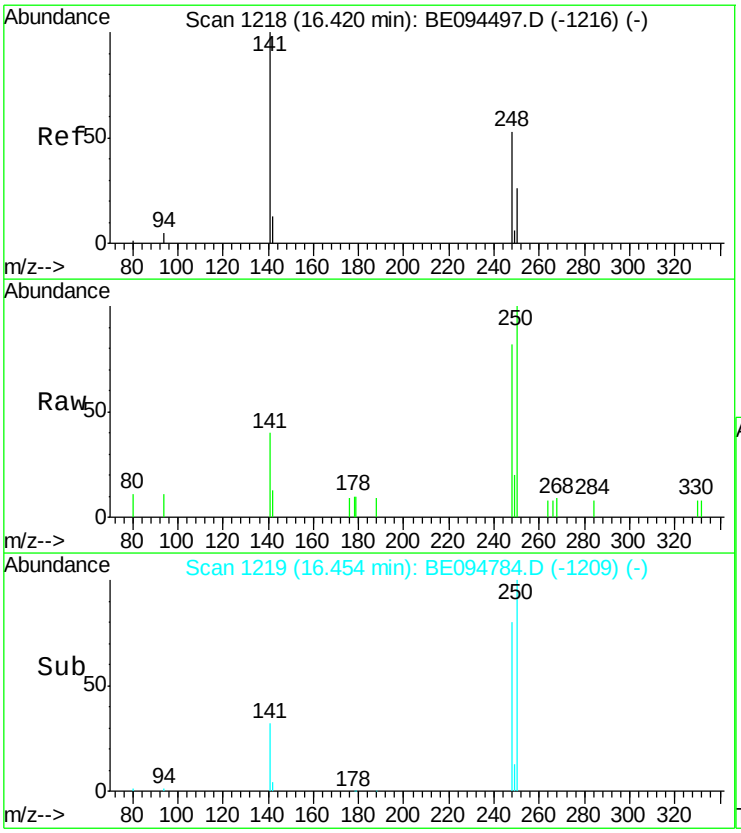

#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

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

Tgt Ion:188 Resp: 8271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.3 | 3.9 | 5.9# |
| 80 | 6.4 | 3.6 | 5.4# |

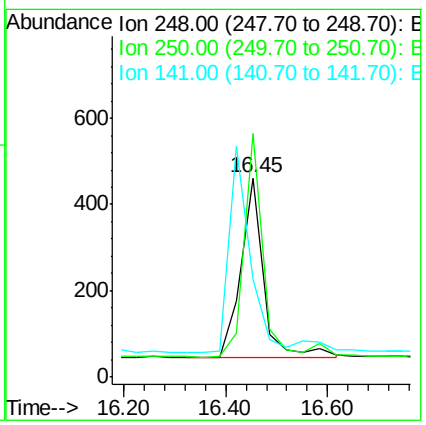


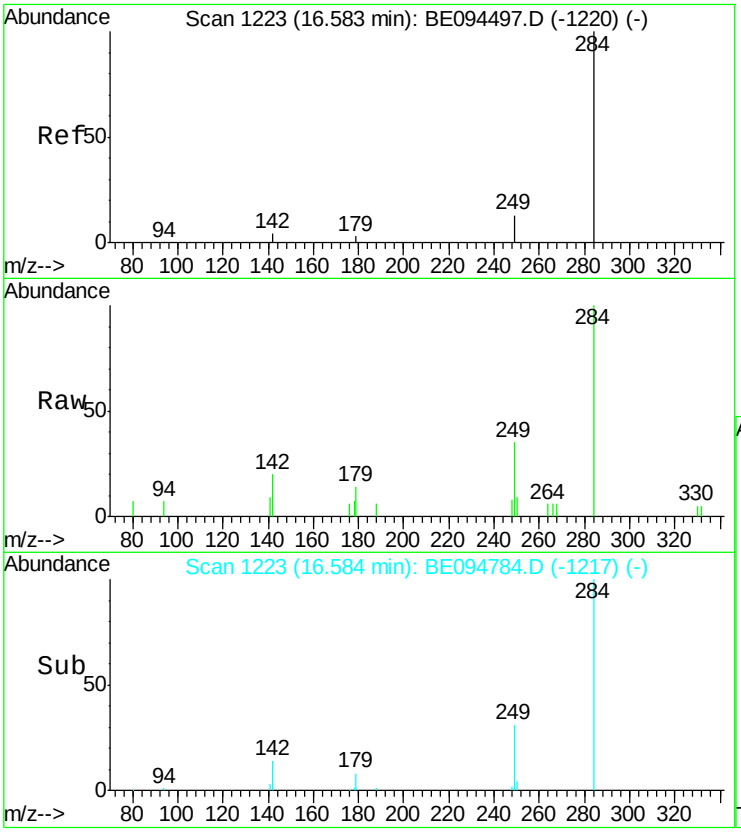




#20
4-Bromophenyl-phenylether
Concen: 0.29 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.03 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

Tgt Ion:248 Resp: 1289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 122.3 | 62.7 | 94.1# |
| 141 | 49.2 | 48.2 | 72.2 |



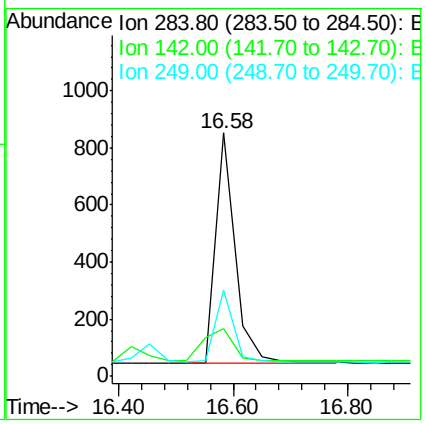


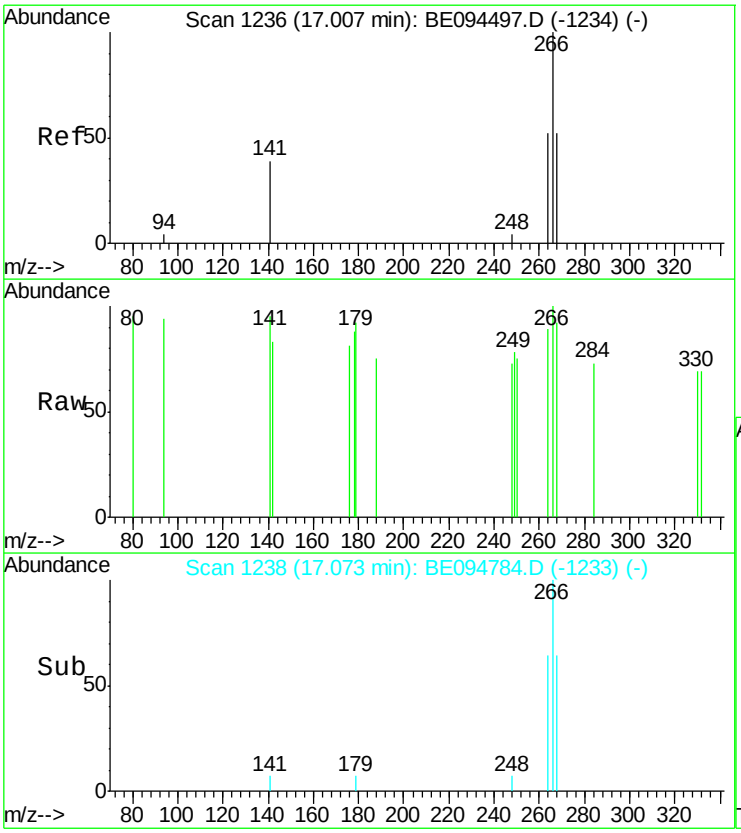

#21
Hexachlorobenzene
Concen: 0.48 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

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

Tgt Ion:284 Resp: 1915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 21.7 | 22.1 | 33.1# |
| 249 | 28.8 | 34.8 | 52.2# |

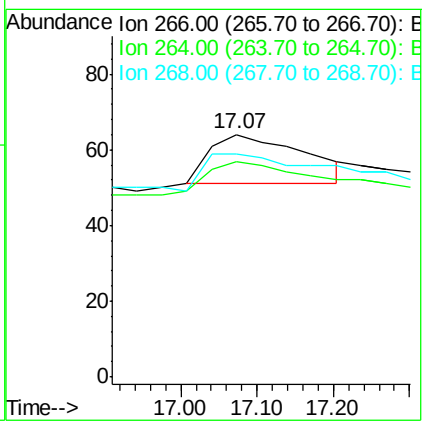


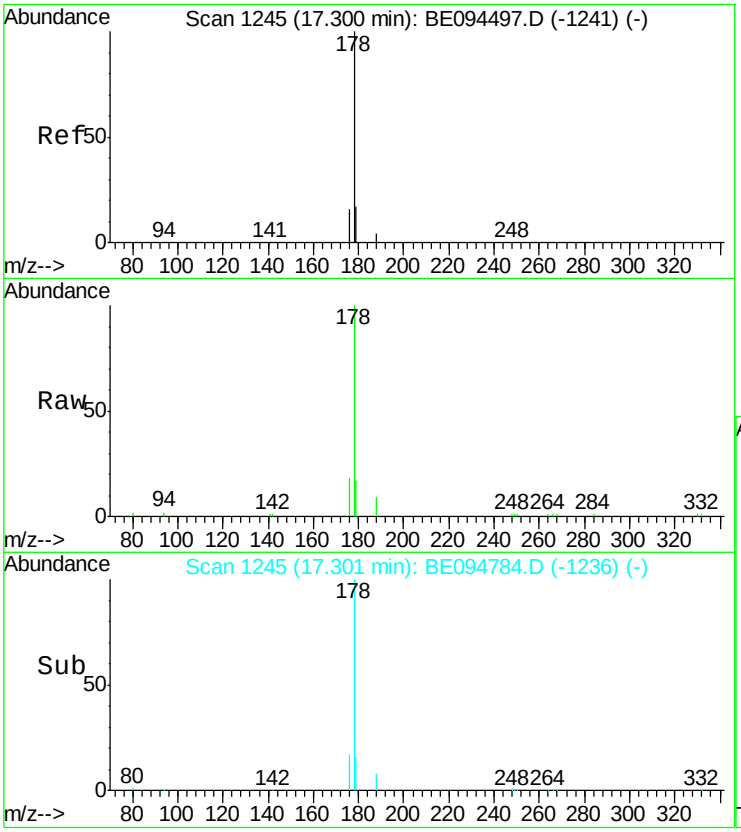




#22
Pentachlorophenol
Concen: 0.22 ng
RT: 17.07 min Scan# 1238
Delta R.T. 0.07 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

Tgt Ion:266 Resp: 113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 89.1 | 72.5 | 108.7 |
| 268 | 92.2 | 73.8 | 110.6 |



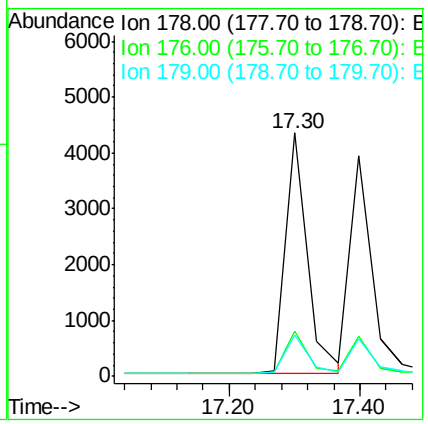


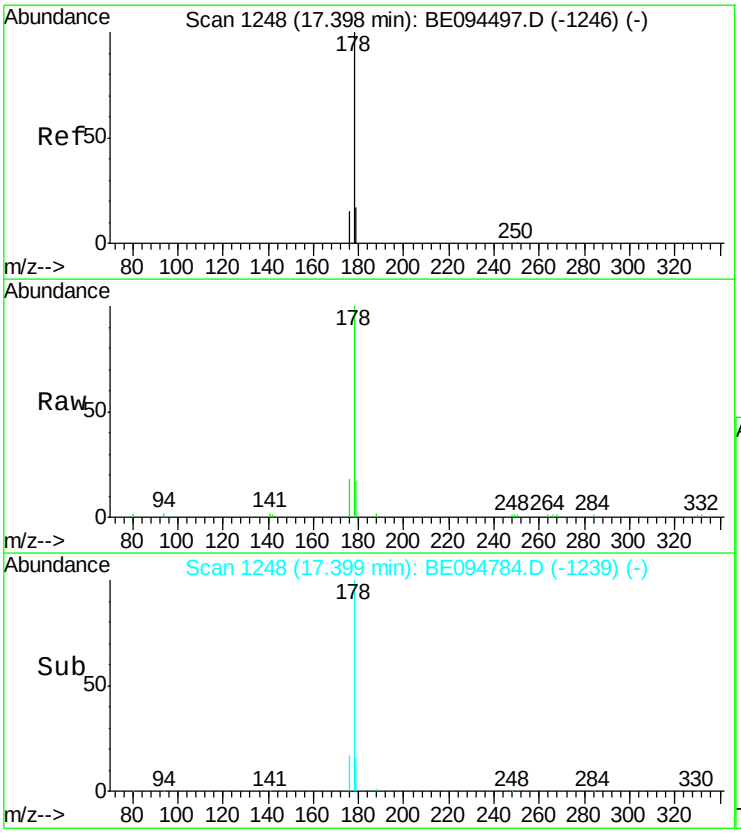

#23
Phenanthrene
Concen: 0.46 ng
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

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

Tgt Ion:178 Resp: 9974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 17.5 | 15.1 | 22.7 |
| 179 | 16.0 | 11.8 | 17.6 |

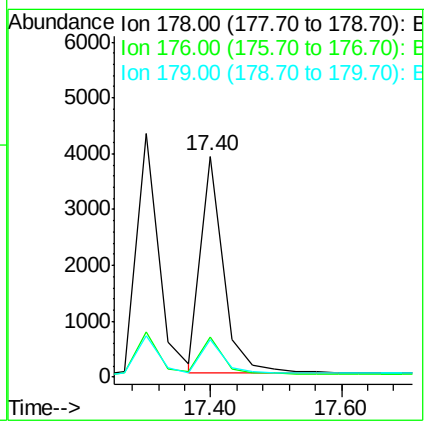


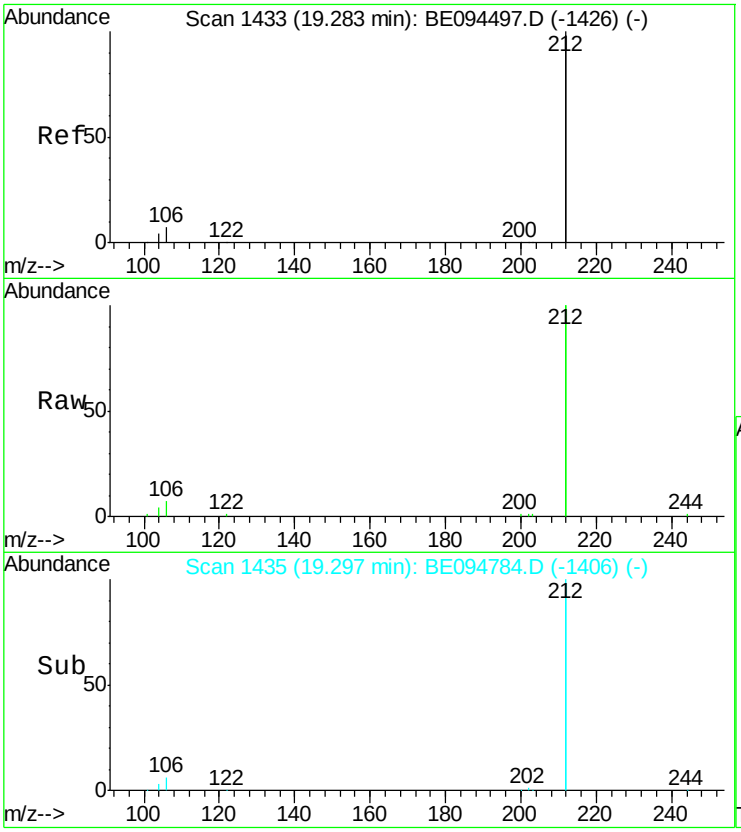




#24
Anthracene
Concen: 0.38 ng
RT: 17.40 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

Tgt Ion:178 Resp: 9252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 16.9 | 12.8 | 19.2 |
| 179 | 16.4 | 13.0 | 19.6 |



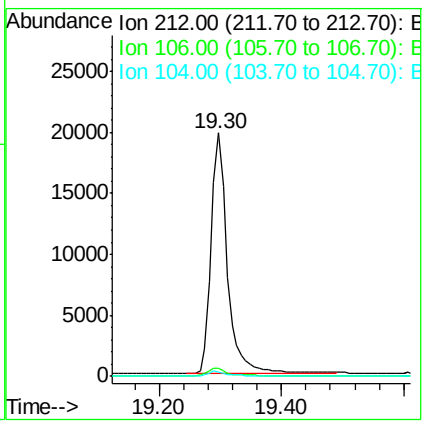


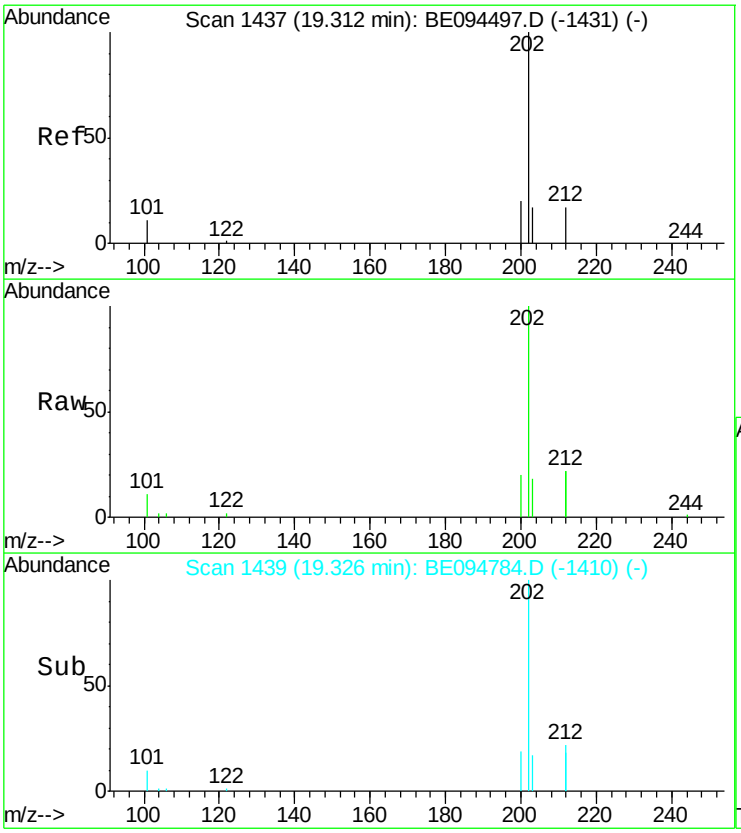

#25
Fluoranthene-d10
Concen: 0.34 ng
RT: 19.30 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

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

Tgt Ion:212 Resp: 36065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 3.3 | 2.8 | 4.2 |
| 104 | 1.8 | 1.6 | 2.4 |

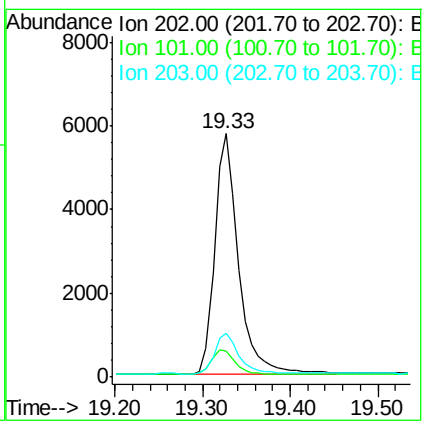


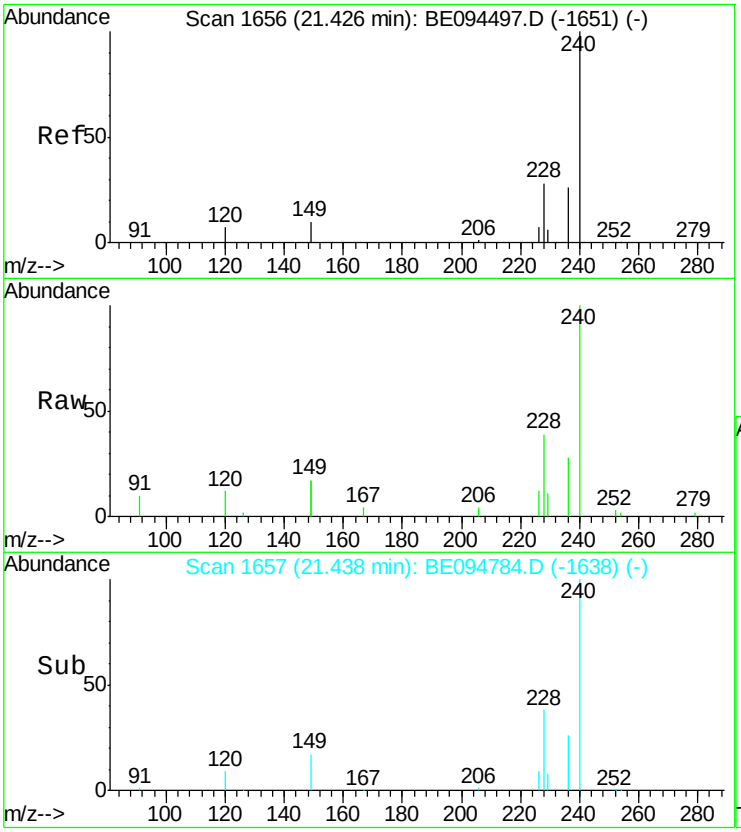




#26
Fluoranthene
Concen: 0.33 ng
RT: 19.33 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

Tgt Ion:202 Resp: 10723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.8 | 9.8 | 14.8 |
| 203 | 17.4 | 13.7 | 20.5 |



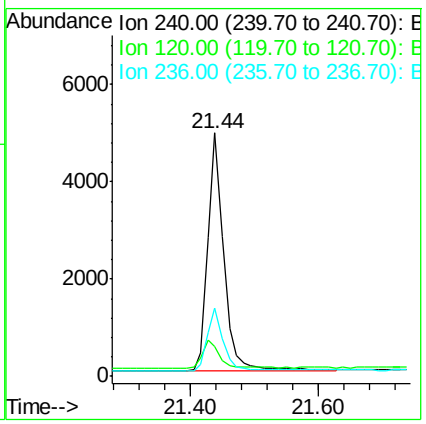


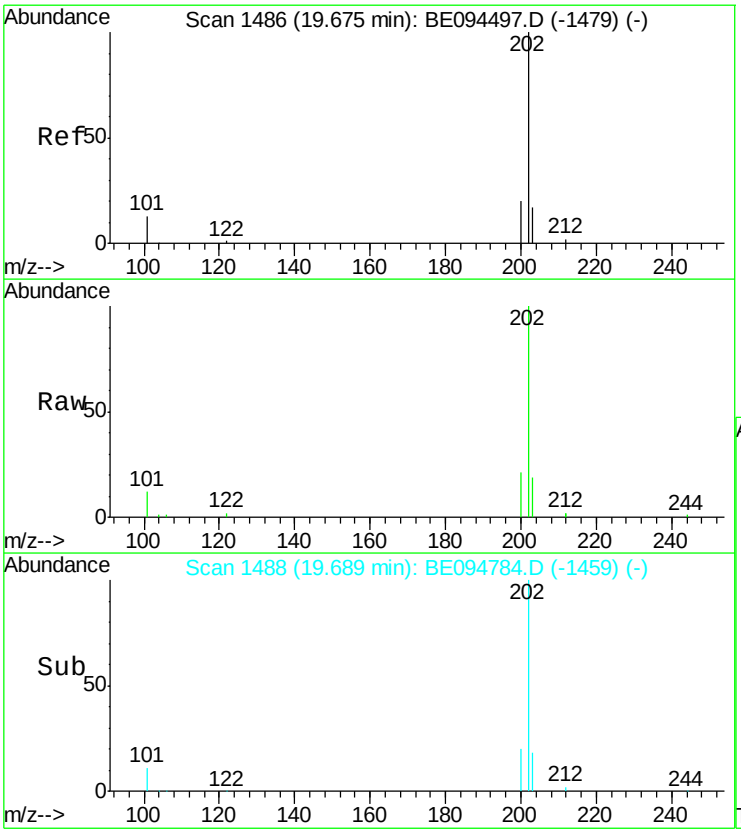

#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.44 min Scan# 1657
Delta R.T. 0.01 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

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

Tgt Ion:240 Resp: 8432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.0 | 5.5 | 8.3# |
| 236 | 27.9 | 20.7 | 31.1 |

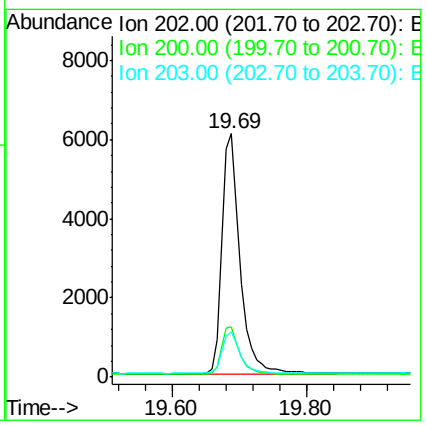


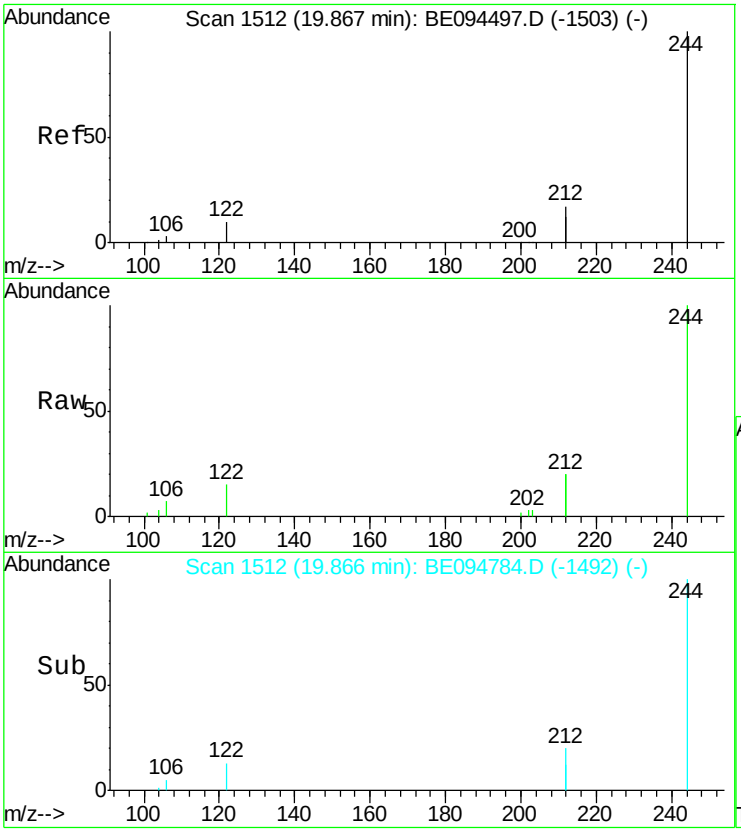




#28
Pyrene
Concen: 0.38 ng
RT: 19.69 min Scan# 1488
Delta R.T. 0.01 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

Tgt Ion:202 Resp: 11295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.5 | 16.6 | 25.0 |
| 203 | 18.5 | 13.8 | 20.8 |



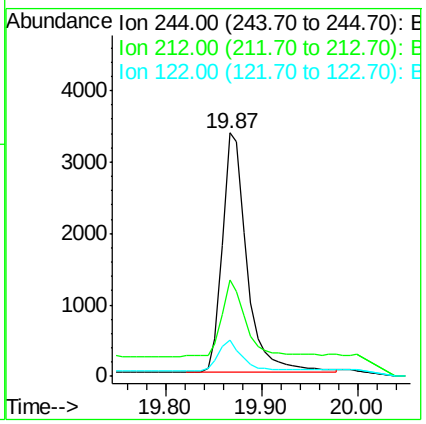


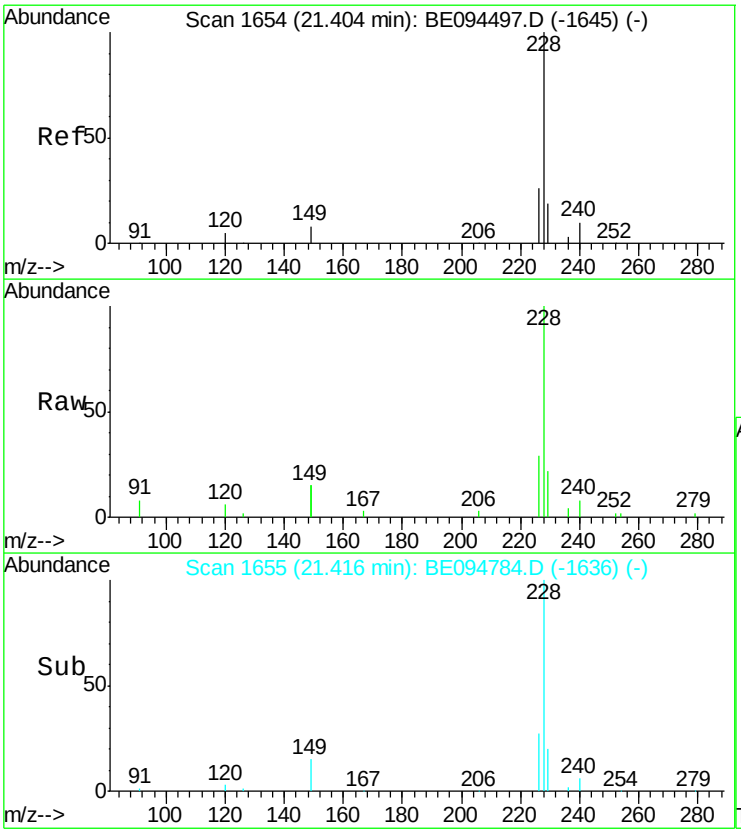

#29
Terphenyl-d14
Concen: 0.37 ng
RT: 19.87 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

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

Tgt Ion:244 Resp: 5939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 39.7 | 25.4 | 38.0# |
| 122 | 15.1 | 8.1 | 12.1# |

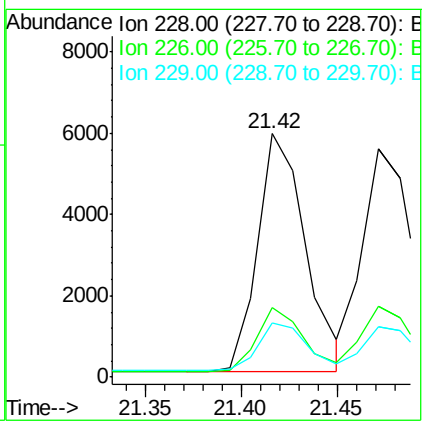


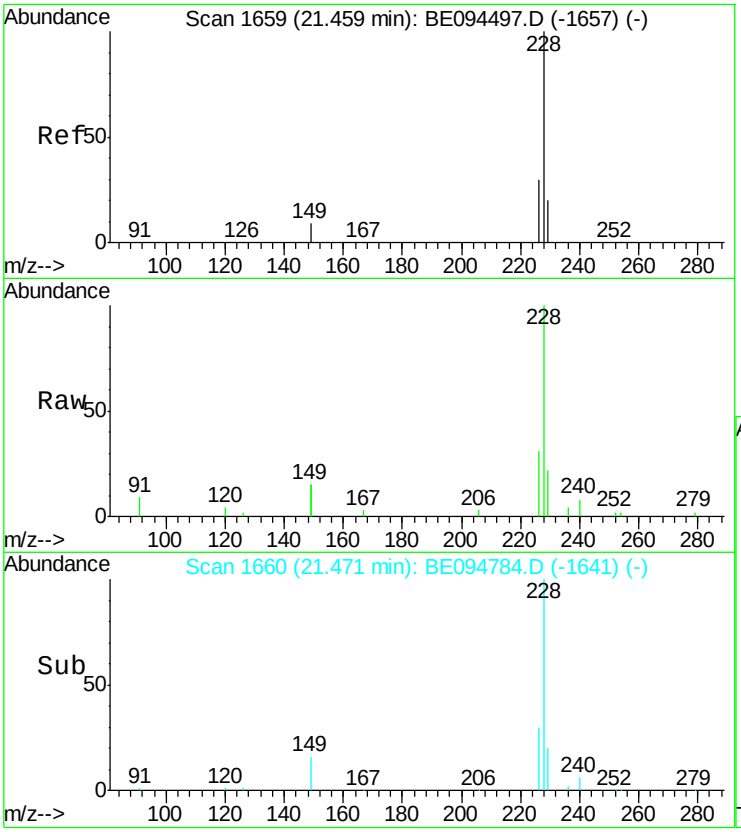




#30
Benzo(a)anthracene
Concen: 0.37 ng
RT: 21.42 min Scan# 1655
Delta R.T. 0.01 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

Tgt Ion:228 Resp: 10281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.6 | 40.0 | 60.0# |
| 229 | 22.1 | 40.0 | 60.0# |



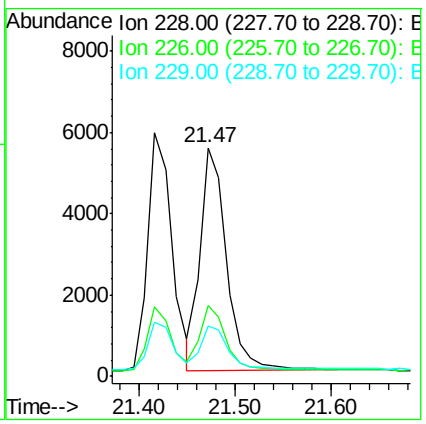


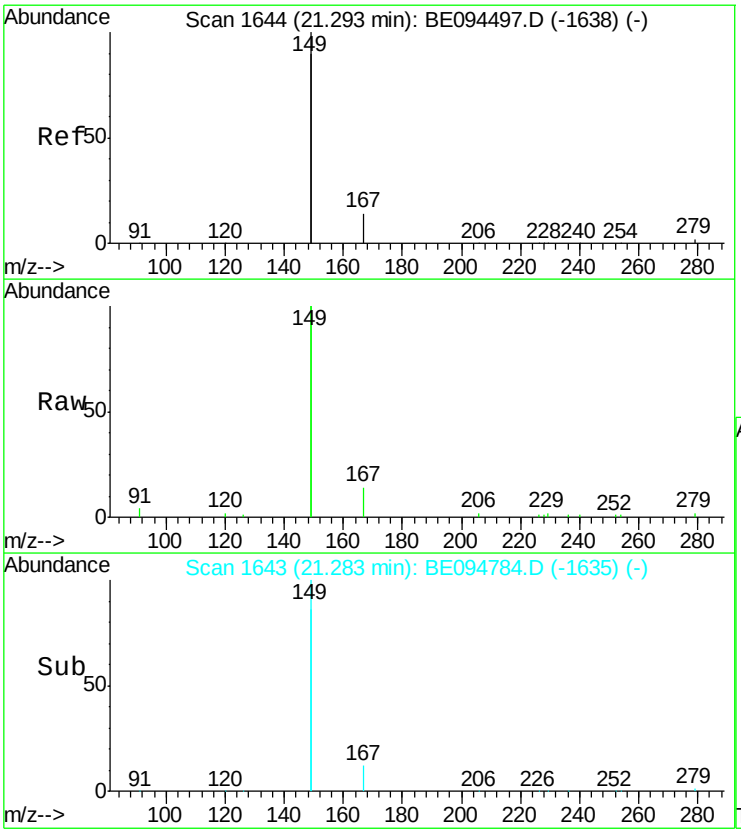

#31
Chrysene
Concen: 0.38 ng
RT: 21.47 min Scan# 1660
Delta R.T. 0.01 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

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

Tgt Ion:228 Resp: 10472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.2 | 40.0 | 60.0# |
| 229 | 22.2 | 40.0 | 60.0# |

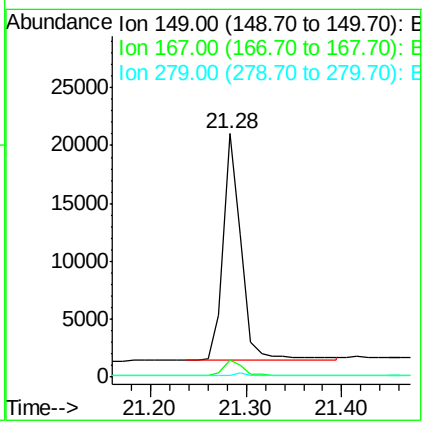


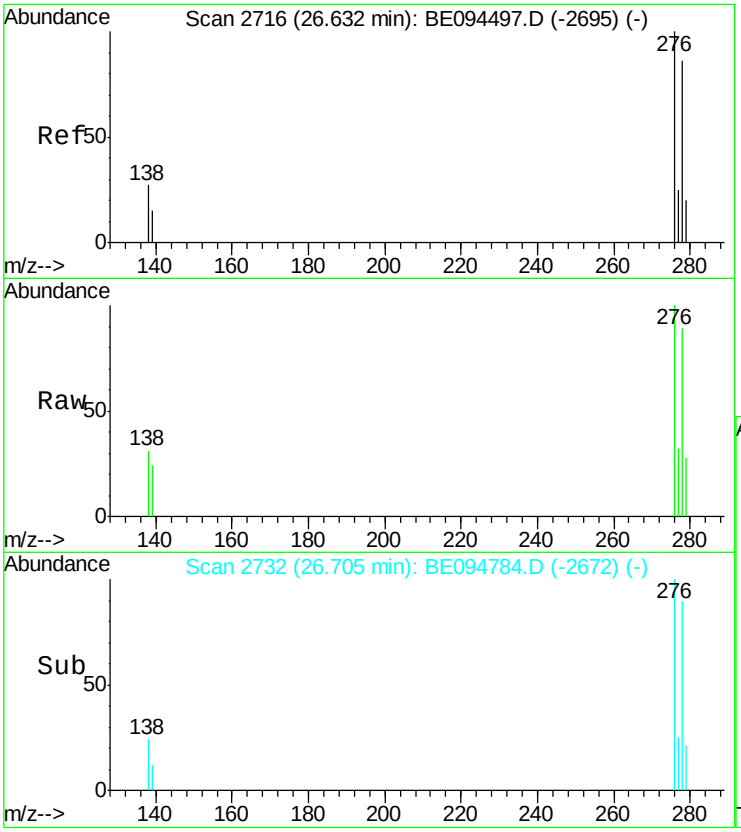




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.38 ng
RT: 21.28 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

Tgt Ion:149 Resp: 25540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 6.6 | 5.4 | 8.0 |
| 279 | 1.0 | 0.7 | 1.1 |



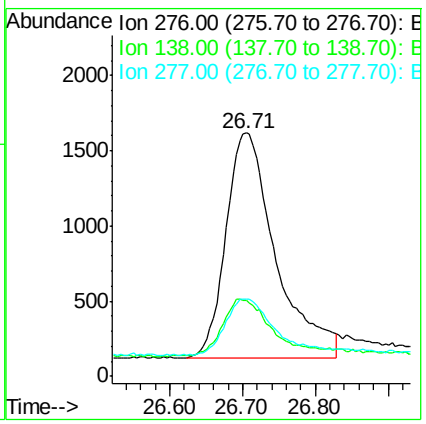


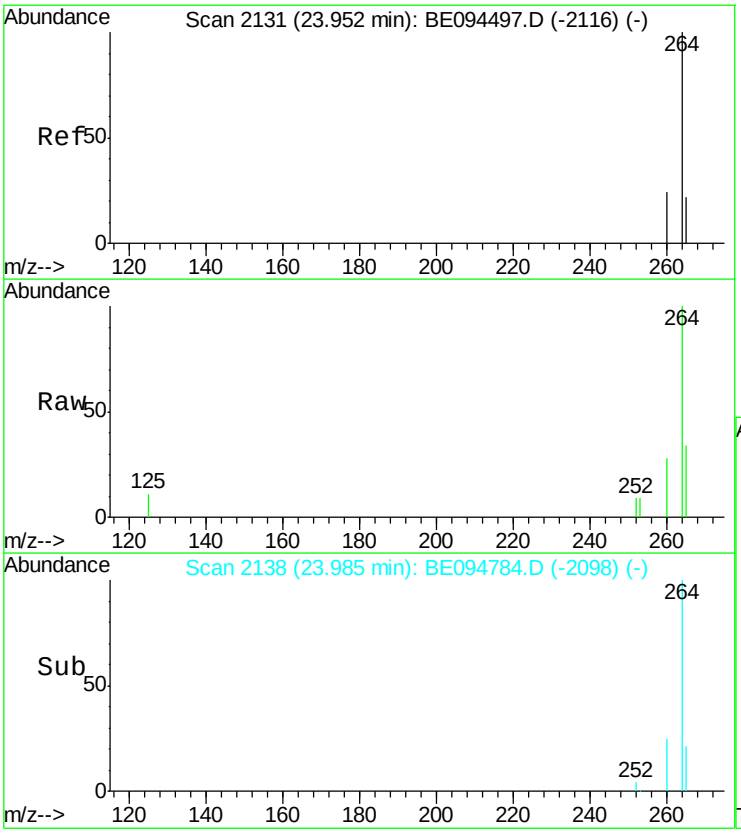

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.28 ng
RT: 26.71 min Scan# 2732
Delta R.T. 0.07 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

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

Tgt Ion:276 Resp: 7166

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 25.0 | 22.5 | 33.7 |
| 277 | 25.1 | 19.9 | 29.9 |

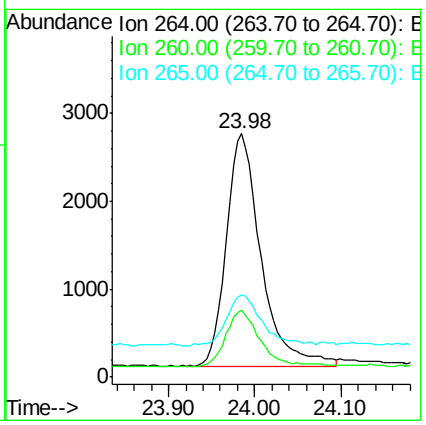


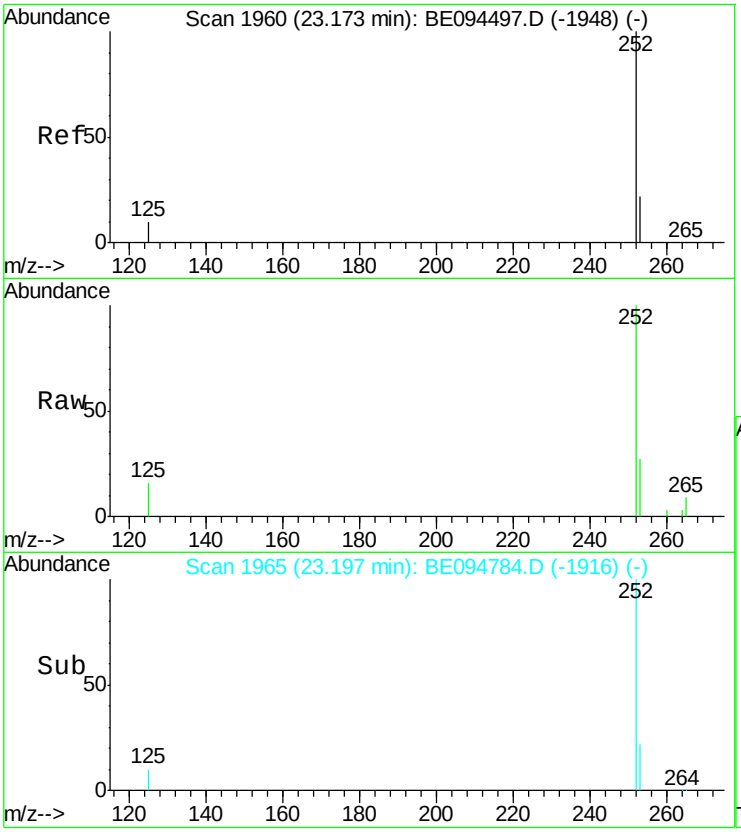




#34
Perylene-d12
Concen: 0.40 ng
RT: 23.98 min Scan# 2138
Delta R.T. 0.03 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

Tgt Ion:264 Resp: 7469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 27.7 | 20.5 | 30.7 |
| 265 | 33.6 | 22.8 | 34.2 |



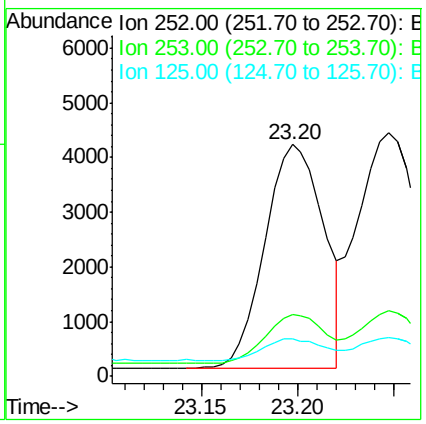


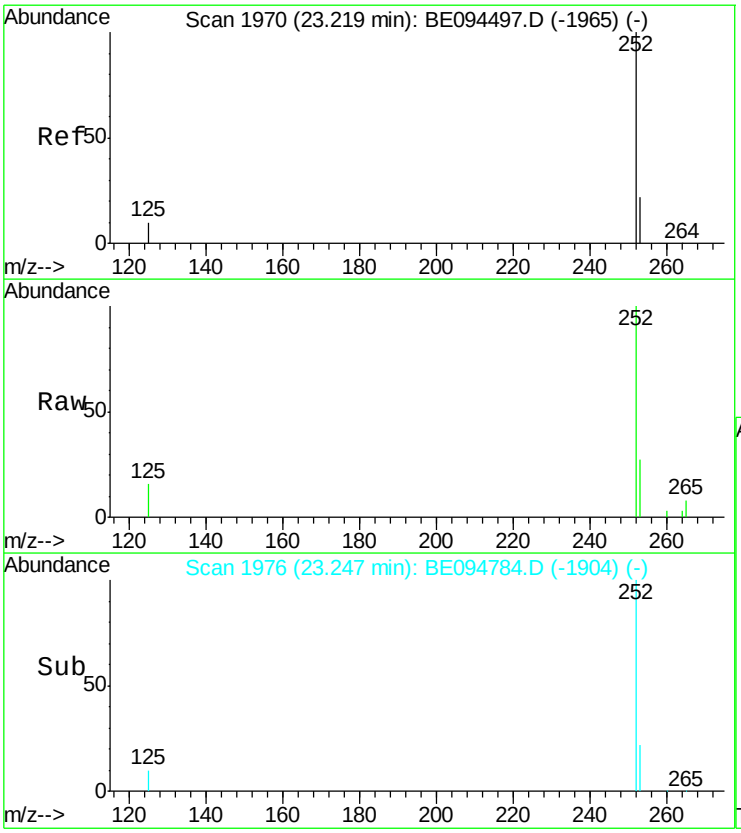

#35
Benzo(b)fluoranthene
Concen: 0.36 ng
RT: 23.20 min Scan# 1965
Delta R.T. 0.02 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

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

Tgt Ion:252 Resp: 8635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 26.7 | 48.0 | 72.0# |
| 125 | 16.2 | 56.0 | 84.0# |

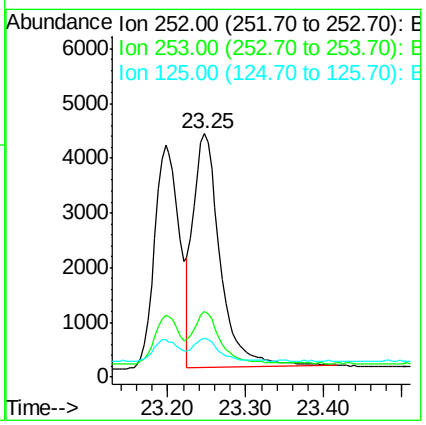


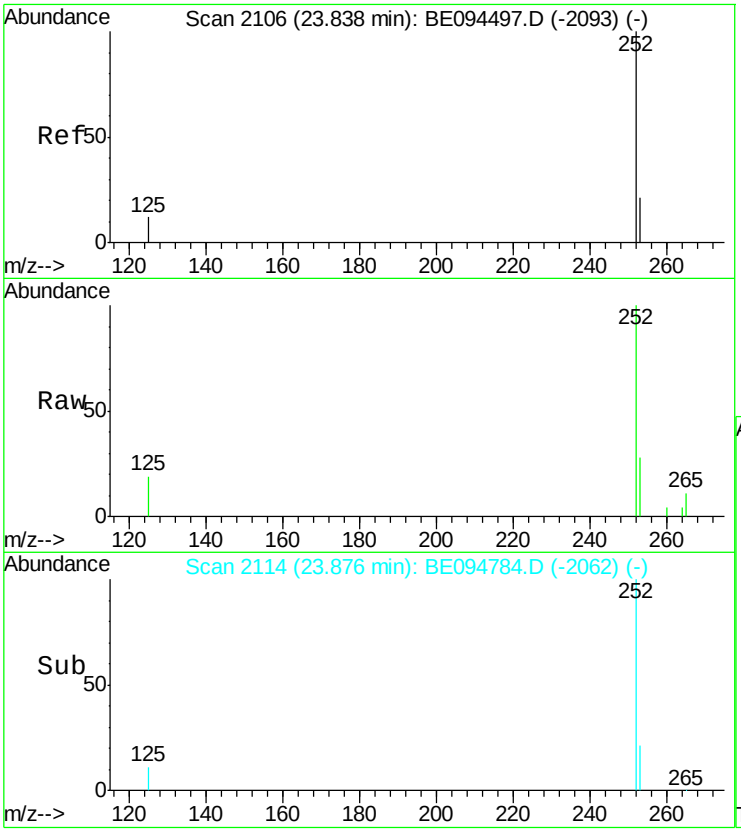




#36
Benzo(k)fluoranthene
Concen: 0.40 ng
RT: 23.25 min Scan# 1976
Delta R.T. 0.03 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

Tgt Ion:252 Resp: 10300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 26.9 | 48.0 | 72.0# |
| 125 | 15.9 | 56.0 | 84.0# |



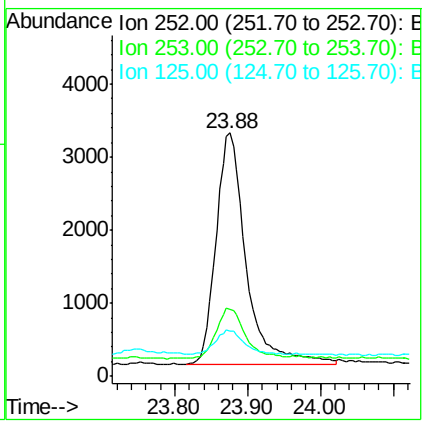


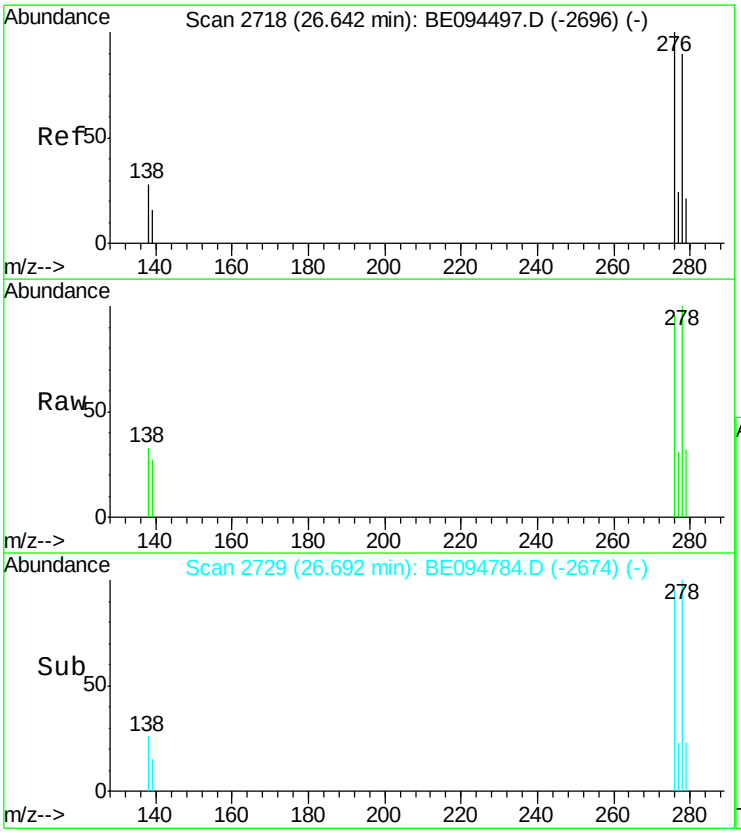

#37
Benzo(a)pyrene
Concen: 0.39 ng
RT: 23.88 min Scan# 2114
Delta R.T. 0.04 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

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

Tgt Ion:252 Resp: 9077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 27.7 | 52.0 | 78.0# |
| 125 | 18.6 | 68.0 | 102.0# |

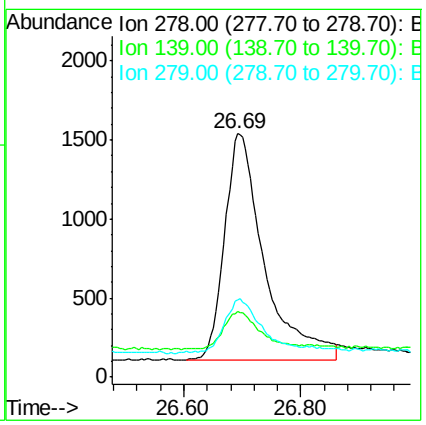


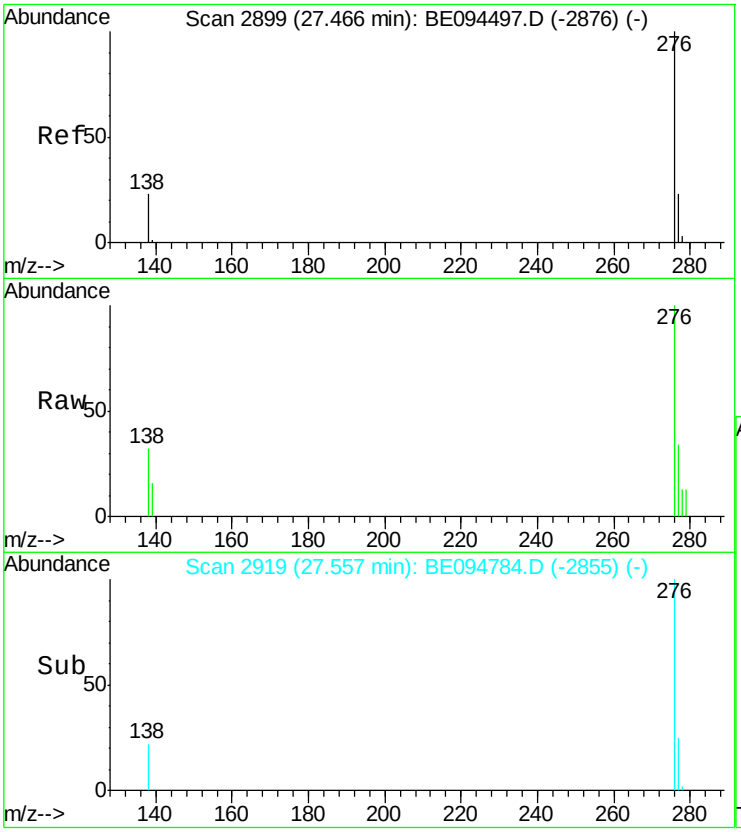




#38
Dibenzo(a,h)anthracene
Concen: 0.32 ng
RT: 26.69 min Scan# 2729
Delta R.T. 0.05 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

Tgt Ion:278 Resp: 6778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 26.9 | 56.0 | 84.0# |
| 279 | 31.6 | 52.0 | 78.0# |






#39
Benzo(g,h,i)perylene
Concen: 0.27 ng
RT: 27.56 min Scan# 2919
Delta R.T. 0.09 min
Lab File: BE094784.D
Acq: 8 Nov 2017 15:43

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

Tgt Ion:276 Resp: 5317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 34.3 | 52.0 | 78.0# |
| 138 | 32.0 | 44.0 | 66.0# |