Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100818\
Data File : BE097790.D
Acq On : 8 Oct 2018 12:33
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Oct 09 06:56:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 06:37:06 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.89 | 152 | 3575 | 0.40 | ng | | -0.01 |
| 7) Naphthalene-d8 | 10.69 | 136 | 15180 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.56 | 164 | 8740 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.29 | 188 | 24115 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.47 | 240 | 29221 | 0.40 | ng | | -0.01 |
| 34) Perylene-d12 | 24.02 | 264 | 26424 | 0.40 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.46 | 112 | 2879 | 0.34 | ng | | -0.01 |
| 5) Phenol-d6 | 7.04 | 99 | 4386 | 0.34 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.04 | 82 | 2898 | 0.59 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.30 | 152 | 9235 | 0.38 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.03 | 330 | 620 | 0.39 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 13.17 | 172 | 14378 | 0.37 | ng | | -0.02 |
| 25) Fluoranthene-d10 | 19.32 | 212 | 111610 | 0.37 | ng | | -0.01 |
| 29) Terphenyl-d14 | 19.92 | 244 | 24170 | 0.41 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.39 | 88 | 2620 | 0.368 | ng | | 96 |
| 3) n-Nitrosodimethylamine | 3.70 | 42 | 2093 | 0.323 | ng | # | 90 |
| 6) bis(2-Chloroethyl)ether | 7.31 | 93 | 5034 | 0.375 | ng | | 99 |
| 9) Naphthalene | 10.73 | 128 | 57957 | 0.379 | ng | | 100 |
| 10) Hexachlorobutadiene | 11.03 | 225 | 3180 | 0.392 | ng | | 98 |
| 12) 2-Methylnaphthalene | 12.37 | 142 | 9239 | 0.377 | ng | | 98 |
| 16) Acenaphthylene | 14.27 | 152 | 13376 | 0.346 | ng | | 99 |
| 17) Acenaphthene | 14.61 | 154 | 9422 | 0.380 | ng | | 98 |
| 18) Fluorene | 15.59 | 166 | 12316 | 0.374 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 16.49 | 248 | 4668 | 0.369 | ng | | 94 |
| 21) Hexachlorobenzene | 16.59 | 284 | 5279 | 0.371 | ng | | 98 |
| 22) Pentachlorophenol | 16.94 | 266 | 959 | 0.430 | ng | | 92 |
| 23) Phenanthrene | 17.34 | 178 | 23537 | 0.379 | ng | | 99 |
| 24) Anthracene | 17.42 | 178 | 19355 | 0.361 | ng | | 99 |
| 26) Fluoranthene | 19.35 | 202 | 28986 | 0.366 | ng | | 99 |
| 28) Pyrene | 19.72 | 202 | 29526 | 0.398 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.46 | 228 | 27824 | 0.354 | ng | | 99 |
| 31) Chrysene | 21.51 | 228 | 34390 | 0.392 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.40 | 149 | 18655 | 0.325 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 26.71 | 276 | 26340 | 0.345 | ng | | 99 |
| 35) Benzo(b)fluoranthene | 23.24 | 252 | 25035 | 0.345 | ng | | 99 |
| 36) Benzo(k)fluoranthene | 23.30 | 252 | 31204 | 0.388 | ng | | 99 |
| 37) Benzo(a)pyrene | 23.91 | 252 | 22375 | 0.341 | ng | | 99 |
| 38) Dibenzo(a,h)anthracene | 26.74 | 278 | 21222 | 0.328 | ng | | 98 |
| 39) Benzo(g,h,i)perylene | 27.53 | 276 | 24204 | 0.358 | ng | | 100 |

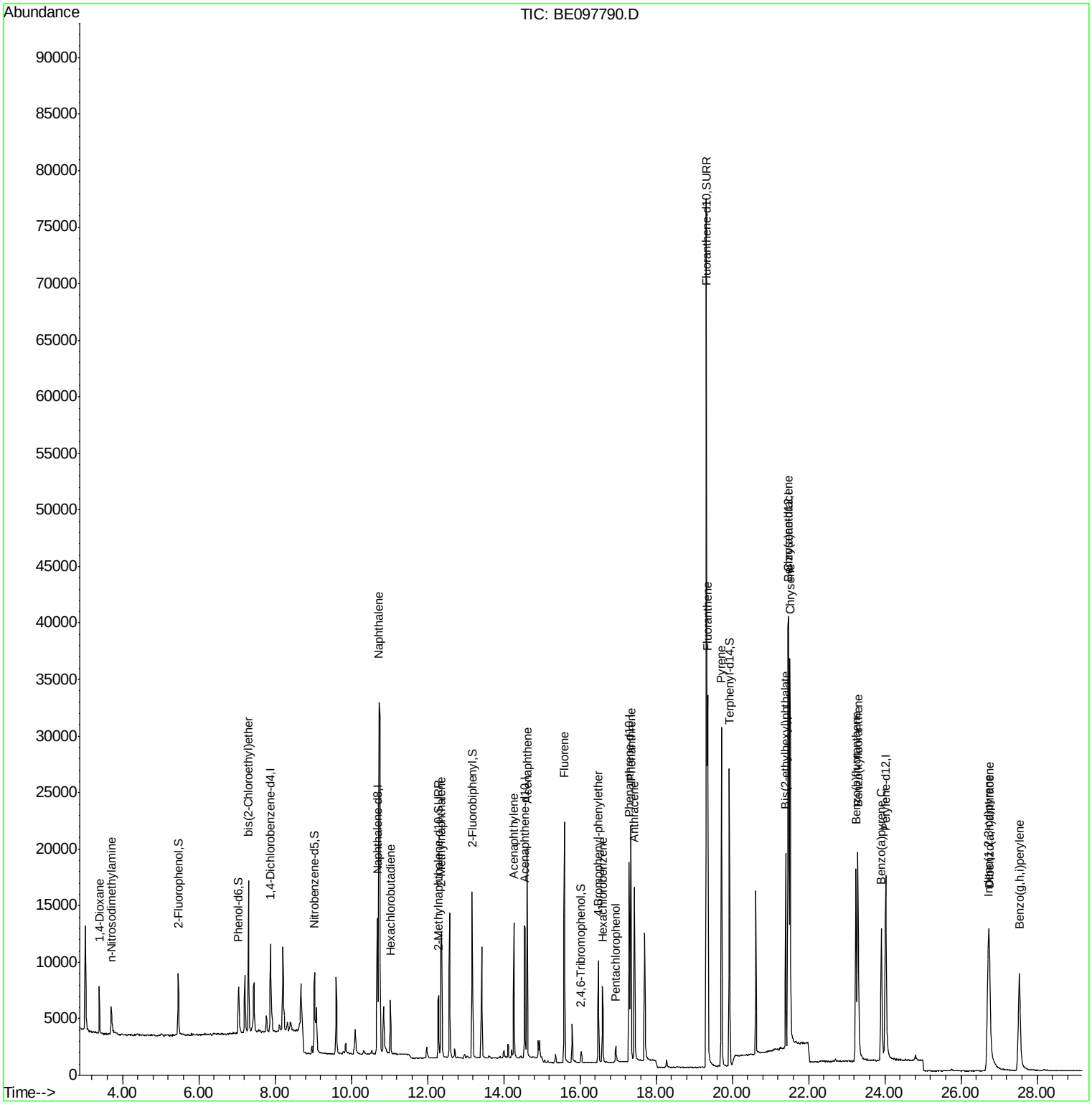
(#) = qualifier out of range (m) = manual integration (+) = signals summed

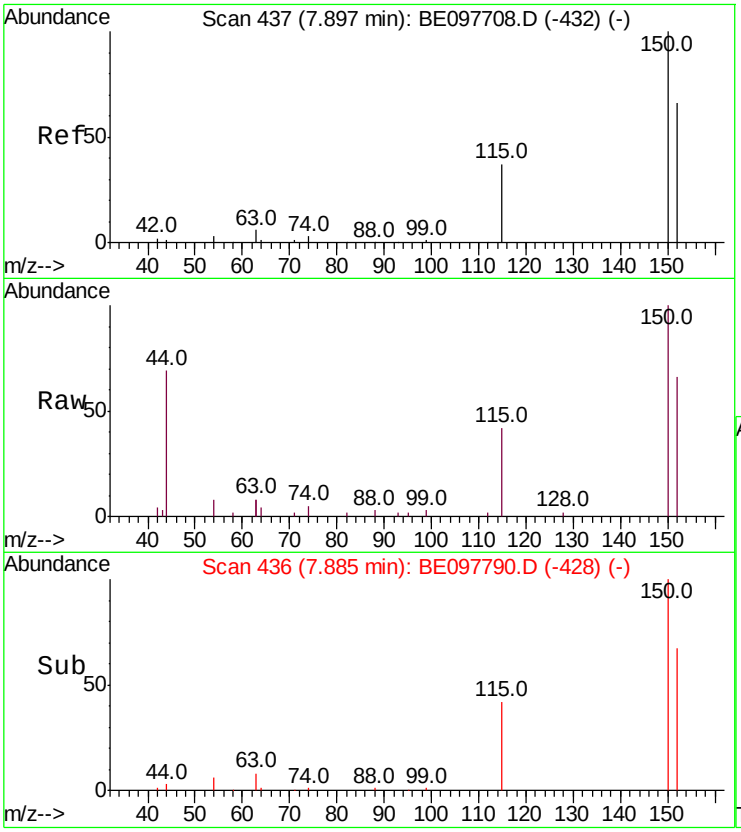
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100818\
Data File : BE097790.D
Acq On : 8 Oct 2018 12:33
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Oct 09 06:56:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 06:37:06 2018
Response via : Initial Calibration



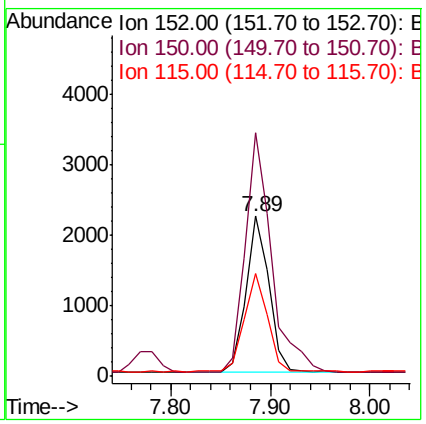


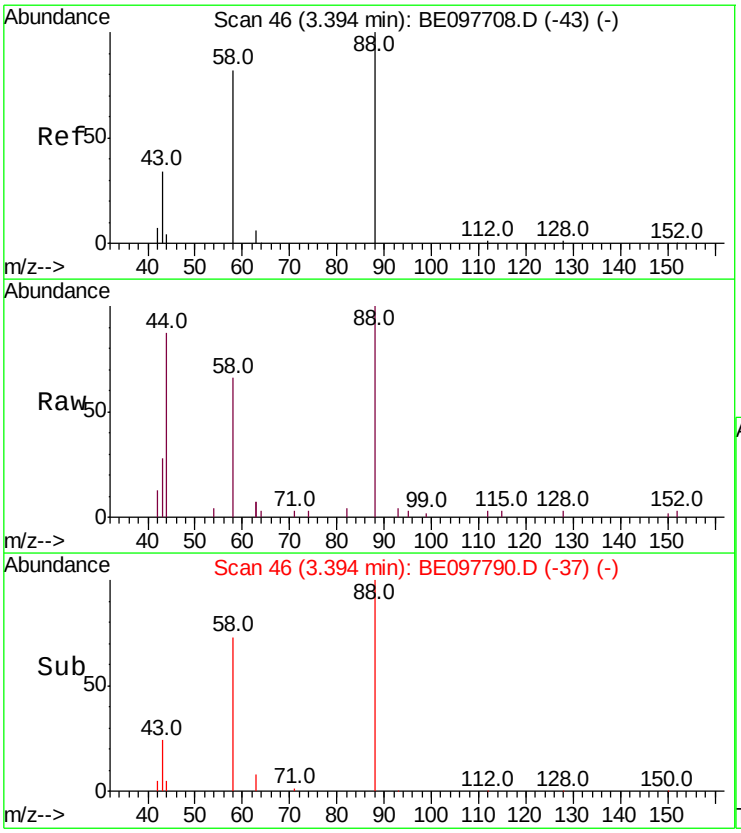

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.01 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

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

Tgt Ion:152 Resp: 3575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.4 | 120.9 | 181.3 |
| 115 | 64.1 | 46.6 | 69.8 |

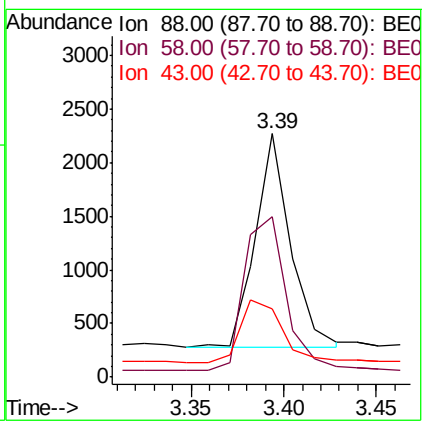


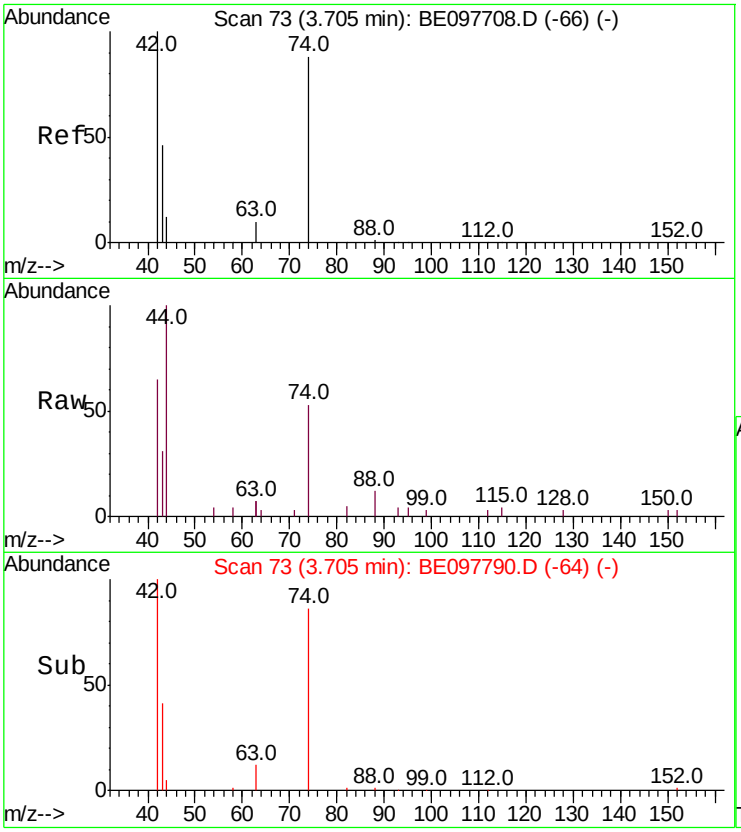




#2
1,4-Dioxane
Concen: 0.368 ng
RT: 3.39 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

Tgt Ion: 88 Resp: 2620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 87.9 | 70.8 | 106.2 |
| 43 | 34.8 | 33.3 | 49.9 |



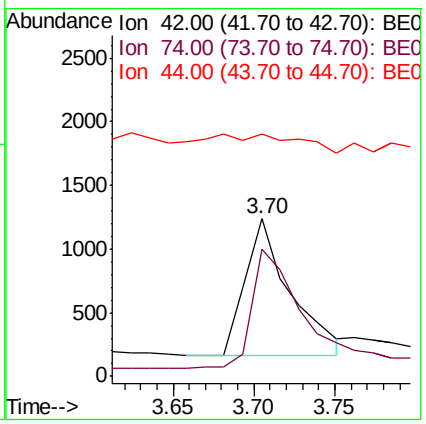


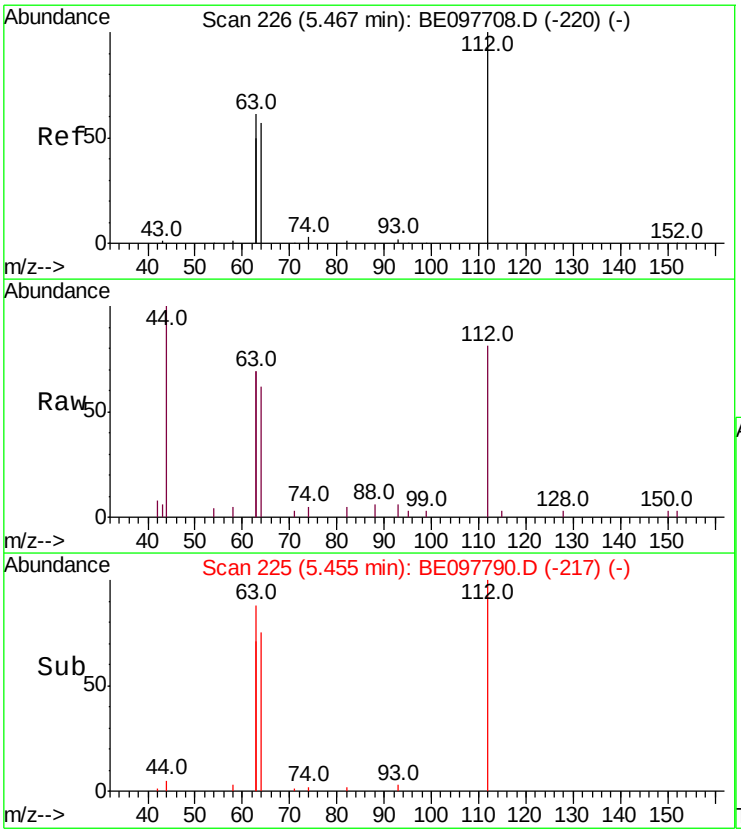

#3
n-Nitrosodimethylamine
Concen: 0.323 ng
RT: 3.70 min Scan# 73
Delta R.T. -0.00 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

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

Tgt Ion: 42 Resp: 2093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 92.0 | 70.7 | 106.1 |
| 44 | 0.0 | 15.0 | 22.4# |

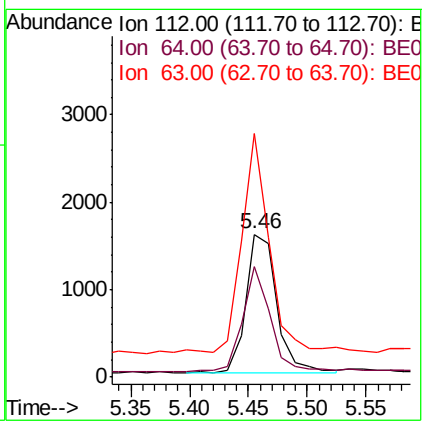


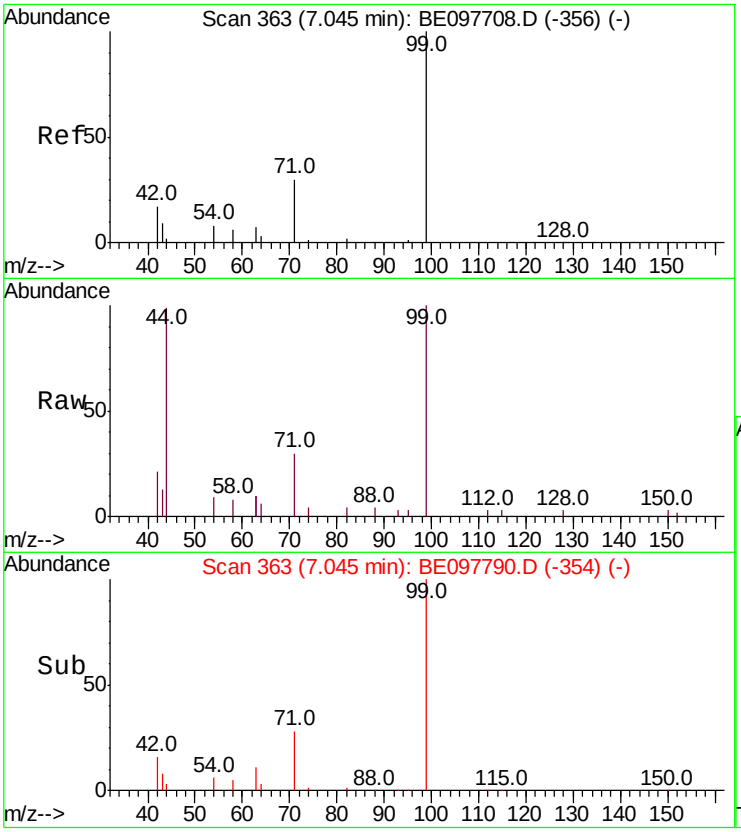




#4
2-Fluorophenol
Concen: 0.340 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.01 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

Tgt Ion:112 Resp: 2879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 69.0 | 56.6 | 84.8 |
| 63 | 144.3 | 119.4 | 179.0 |



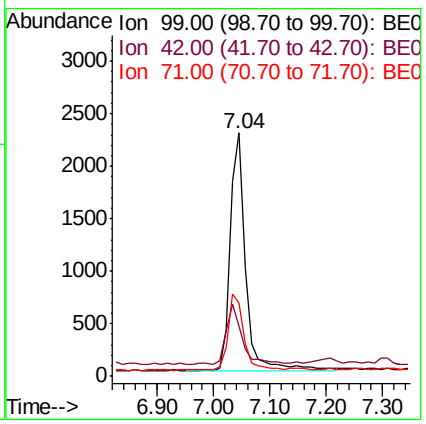


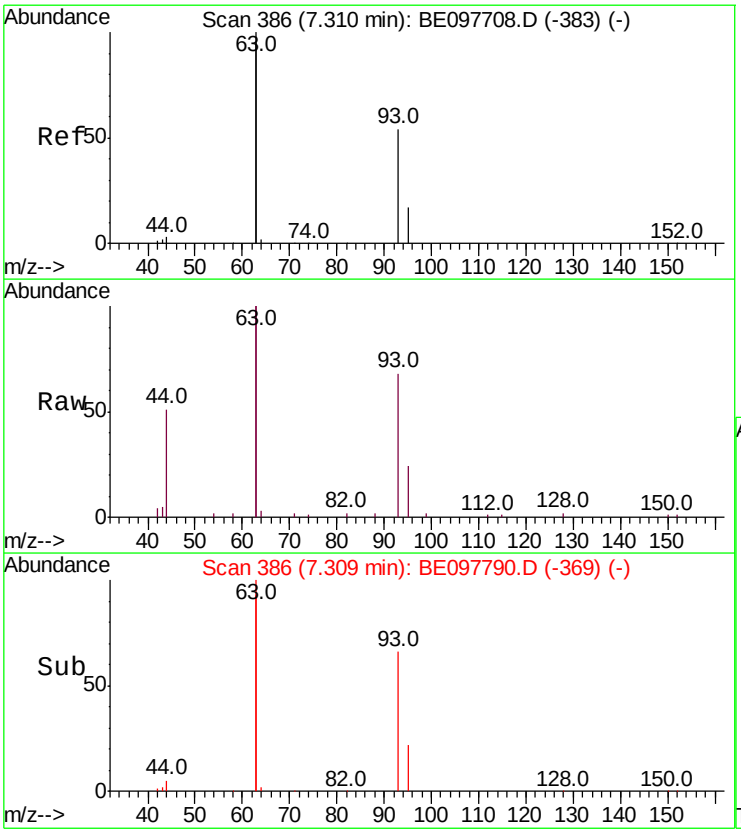

#5
Phenol-d6
Concen: 0.338 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

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

Tgt Ion: 99 Resp: 4386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 27.5 | 19.9 | 29.9 |
| 71 | 31.9 | 25.4 | 38.2 |

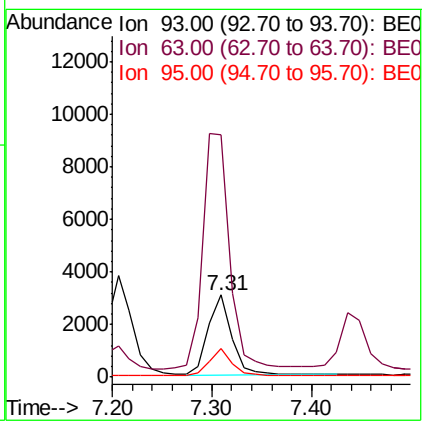


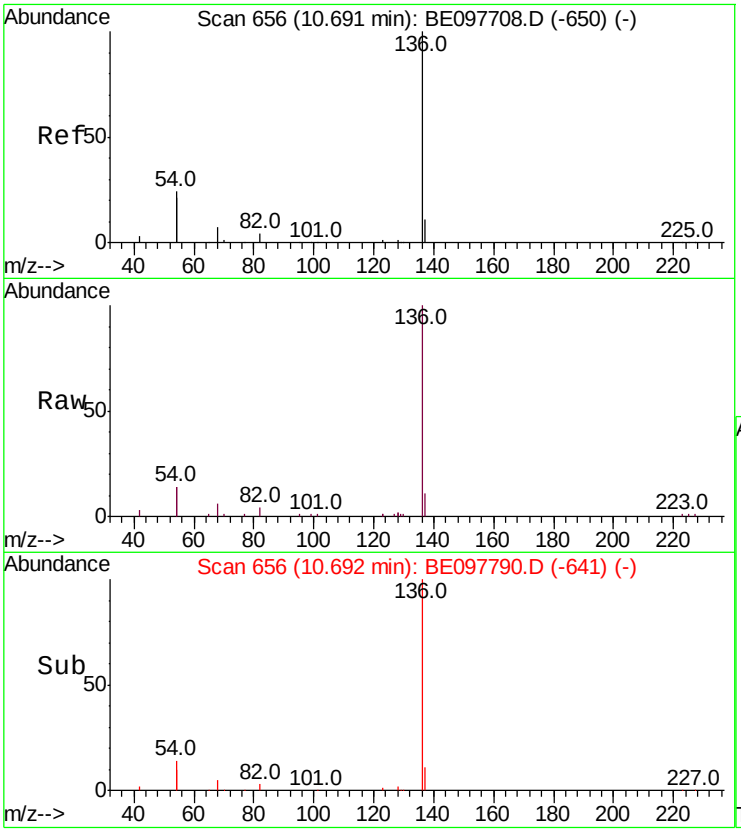




#6
bis(2-Chloroethyl)ether
Concen: 0.375 ng
RT: 7.31 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

Tgt Ion: 93 Resp: 5034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 330.9 | 266.9 | 400.3 |
| 95 | 31.8 | 26.2 | 39.2 |



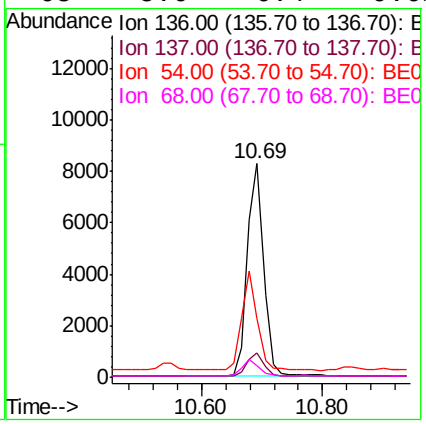


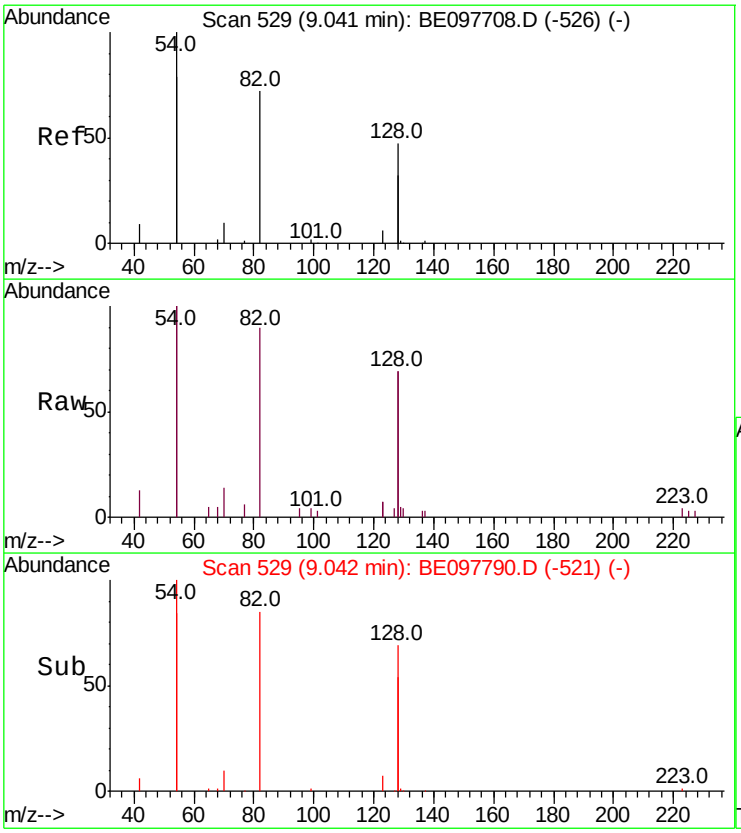

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

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

Tgt Ion:136 Resp: 15180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.4 | 9.0 | 13.4 |
| 54 | 27.6 | 37.8 | 56.6# |
| 68 | 5.6 | 6.4 | 9.6# |

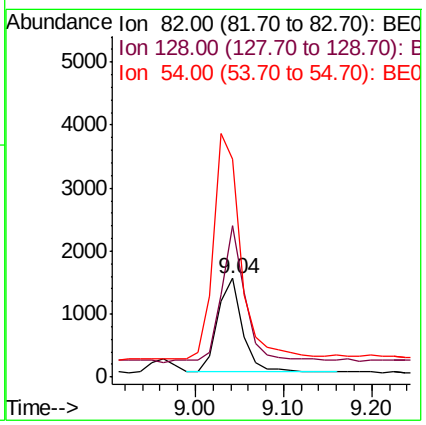


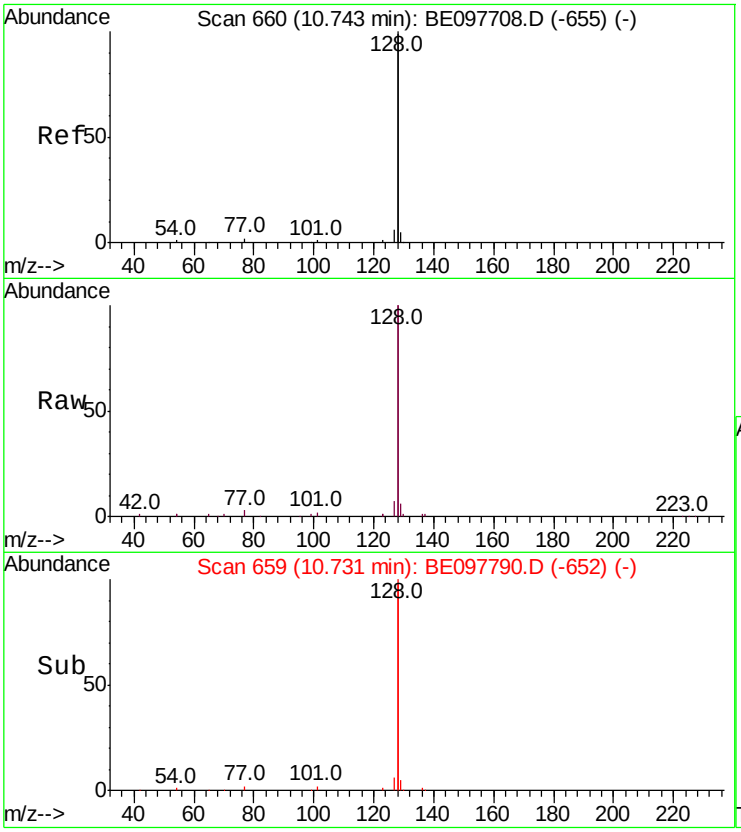




#8
Nitrobenzene-d5
Concen: 0.588 ng
RT: 9.04 min Scan# 529
Delta R.T. 0.00 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

Tgt Ion: 82 Resp: 2898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 153.5 | 97.0 | 145.4# |
| 54 | 222.2 | 206.9 | 310.3 |



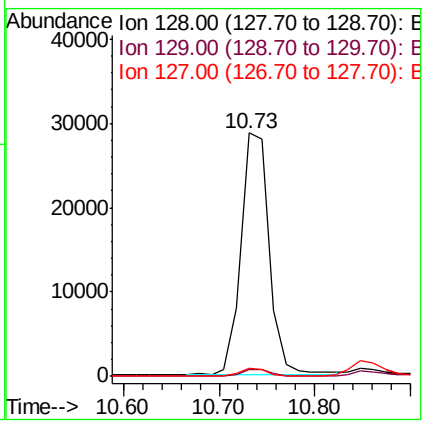


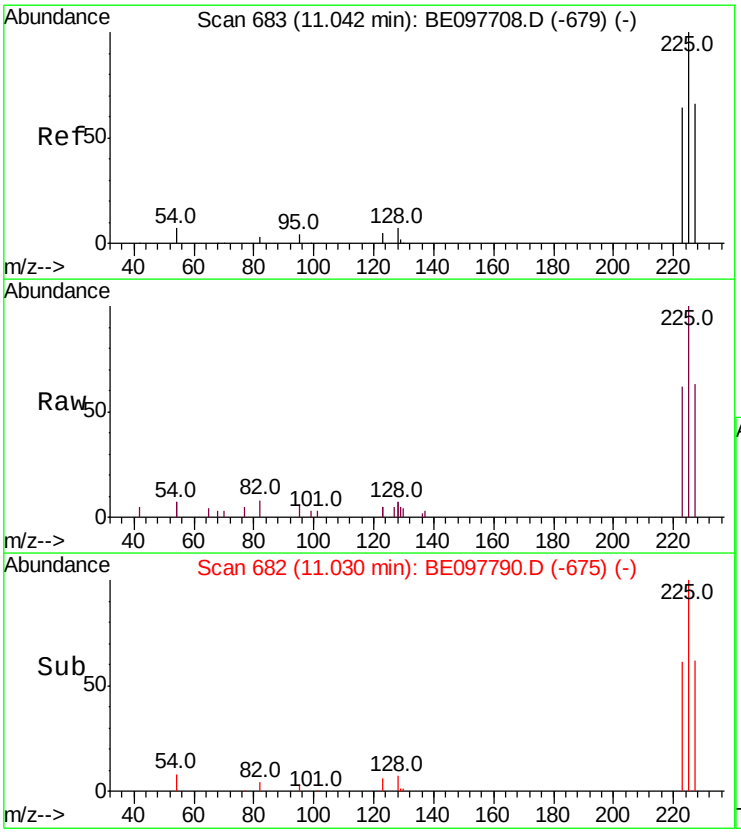

#9
Naphthalene
Concen: 0.379 ng
RT: 10.73 min Scan# 659
Delta R.T. -0.01 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

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

Tgt Ion:128 Resp: 57957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 2.8 | 2.2 | 3.2 |
| 127 | 3.3 | 2.7 | 4.1 |

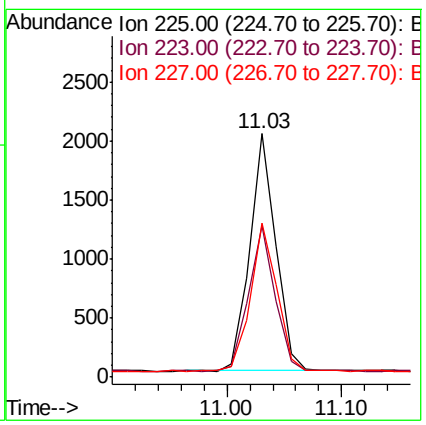


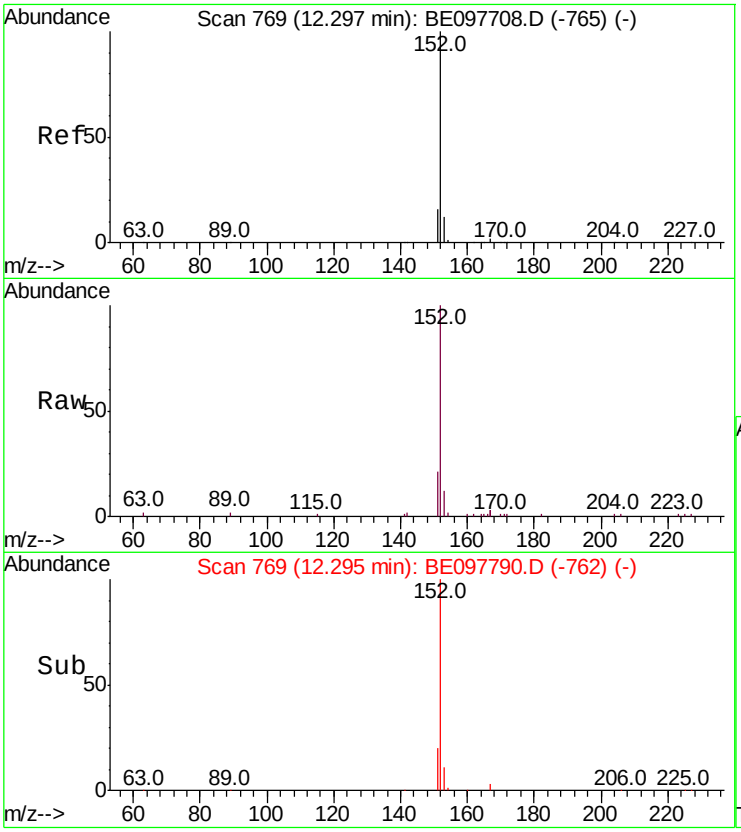




#10
Hexachlorobutadiene
Concen: 0.392 ng
RT: 11.03 min Scan# 682
Delta R.T. -0.01 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

Tgt Ion:225 Resp: 3180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.5 | 52.2 | 78.4 |
| 227 | 63.2 | 51.2 | 76.8 |



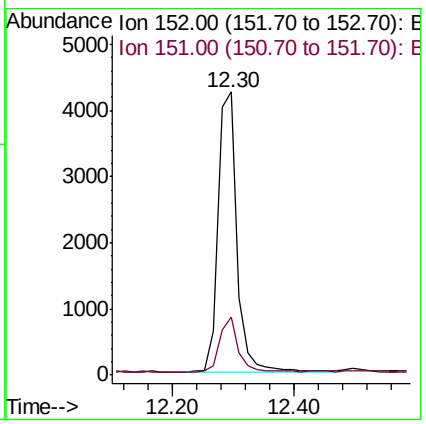


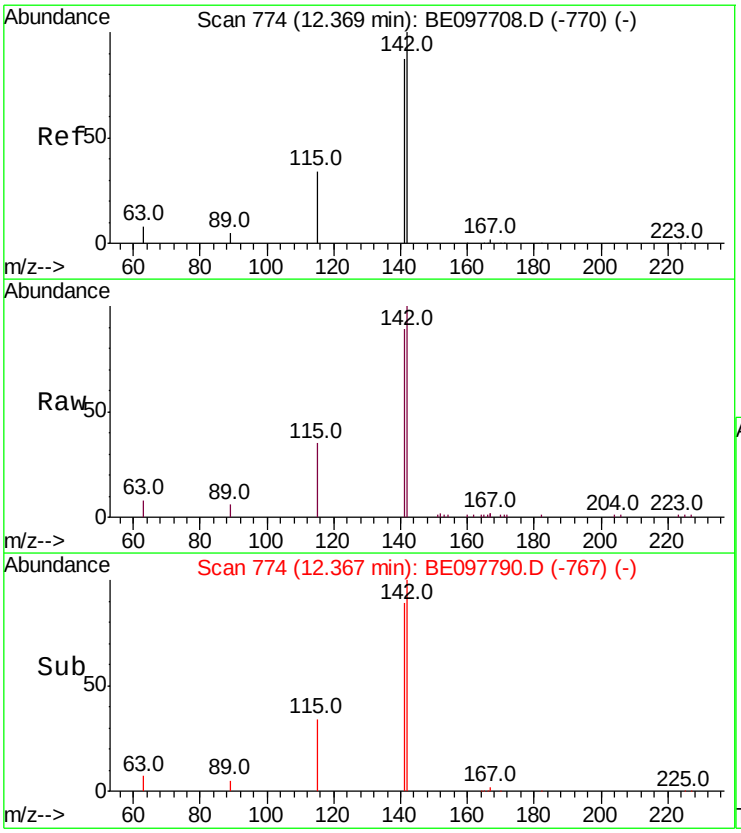

#11
2-Methylnaphthalene-d10
Concen: 0.382 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

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

Tgt Ion:152 Resp: 9235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 18.7 | 15.4 | 23.2 |

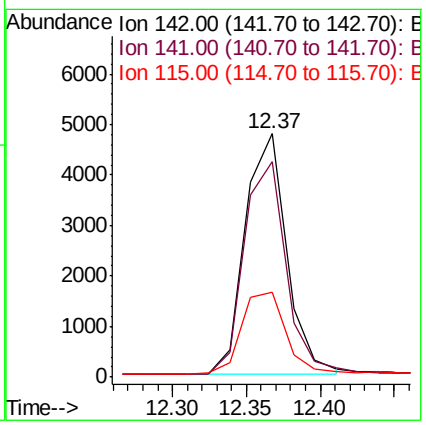


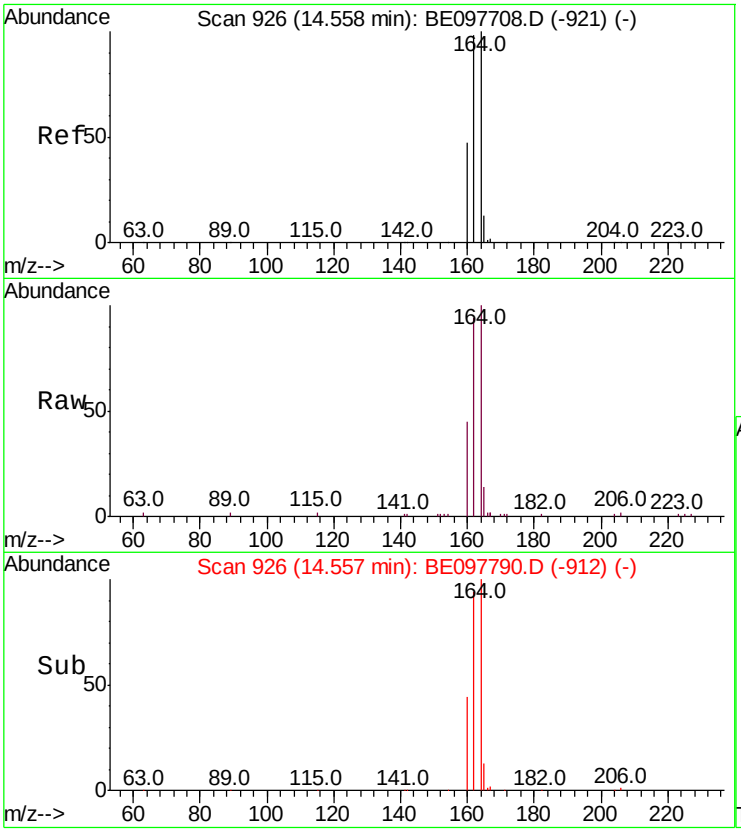




#12
2-Methylnaphthalene
Concen: 0.377 ng
RT: 12.37 min Scan# 774
Delta R.T. -0.00 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

Tgt Ion:142 Resp: 9239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.5 | 69.4 | 104.2 |
| 115 | 34.6 | 28.0 | 42.0 |



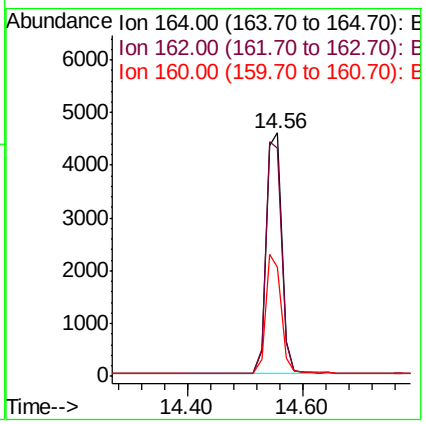


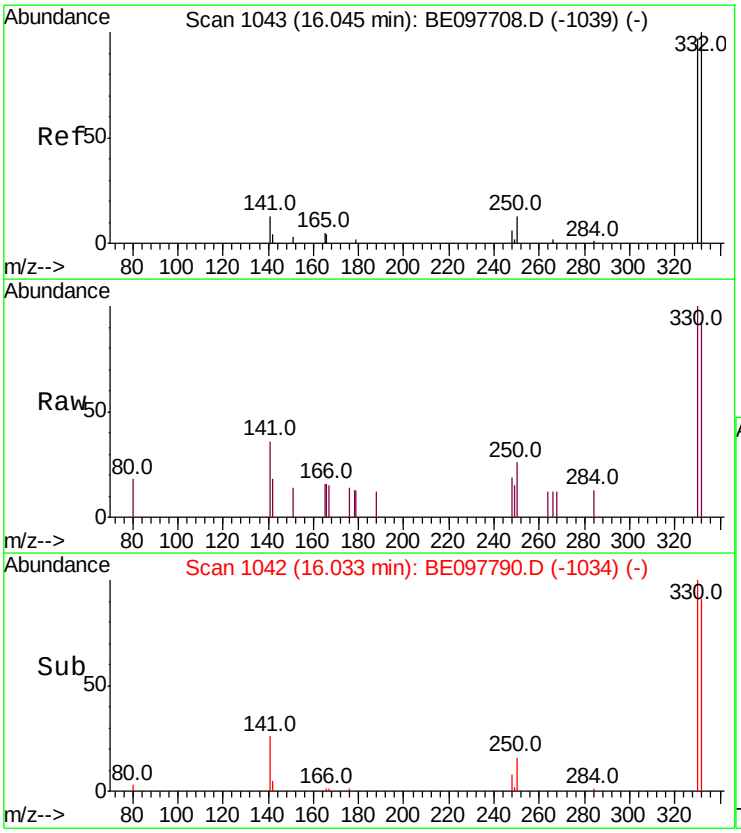

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

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

Tgt Ion:164 Resp: 8740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 94.0 | 78.6 | 117.8 |
| 160 | 44.9 | 37.8 | 56.6 |

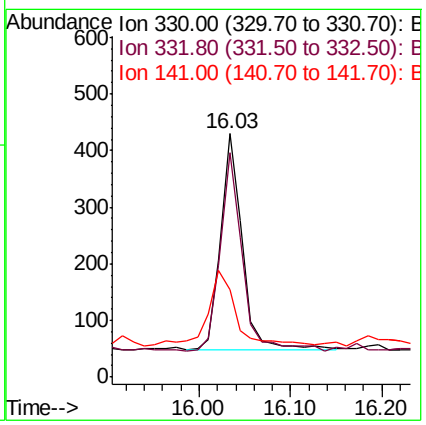


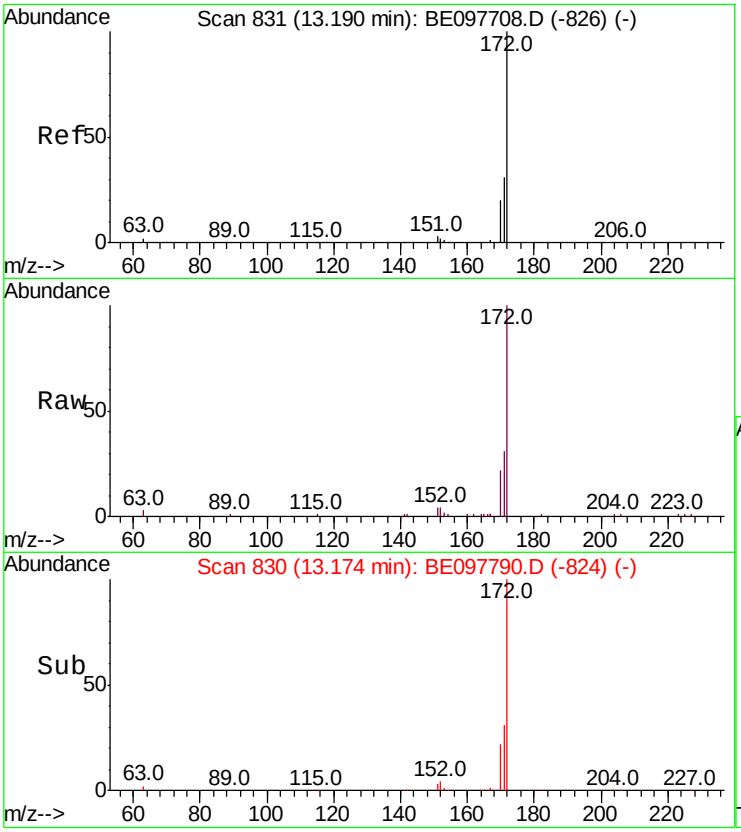




#14
2,4,6-Tribromophenol
Concen: 0.391 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

Tgt Ion:330 Resp: 620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.0 | 83.5 | 125.3 |
| 141 | 41.5 | 34.9 | 52.3 |



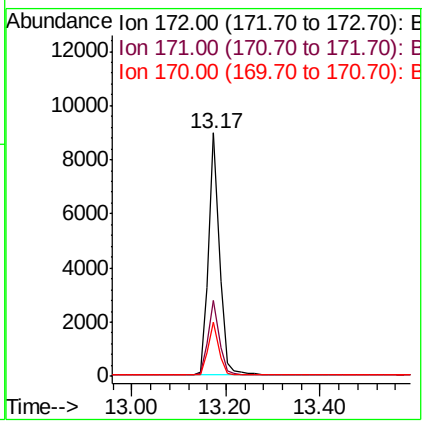


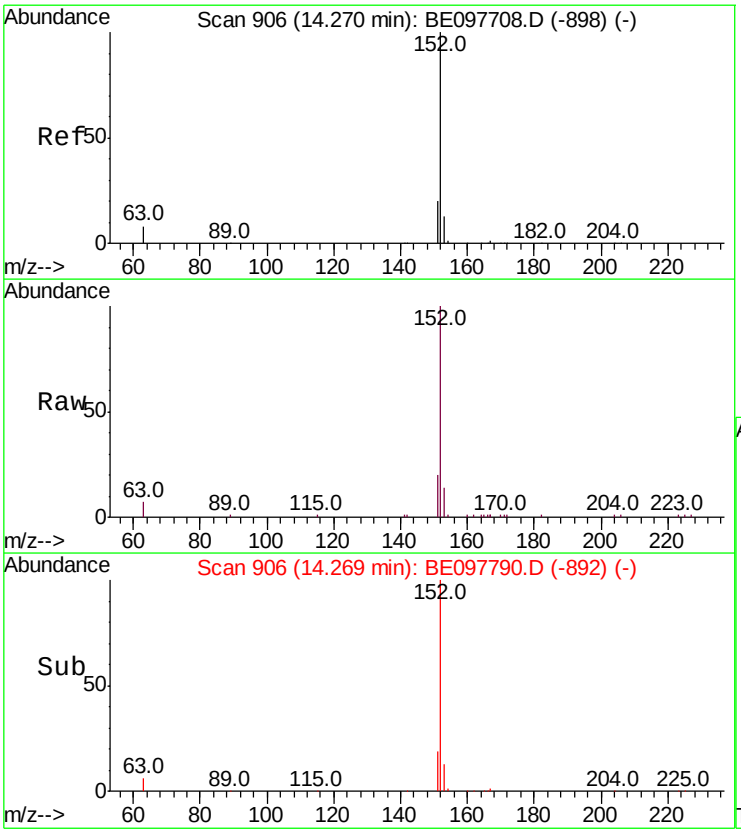

#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.02 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

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

Tgt Ion:172 Resp: 14378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 31.0 | 25.2 | 37.8 |
| 170 | 22.3 | 16.2 | 24.2 |

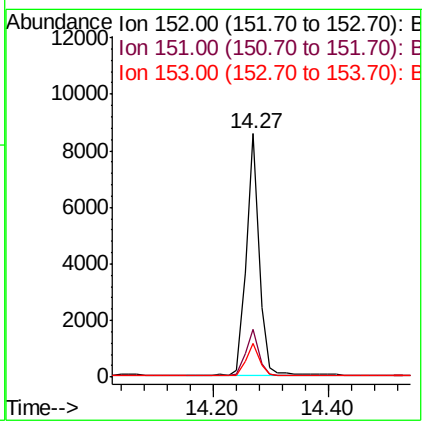


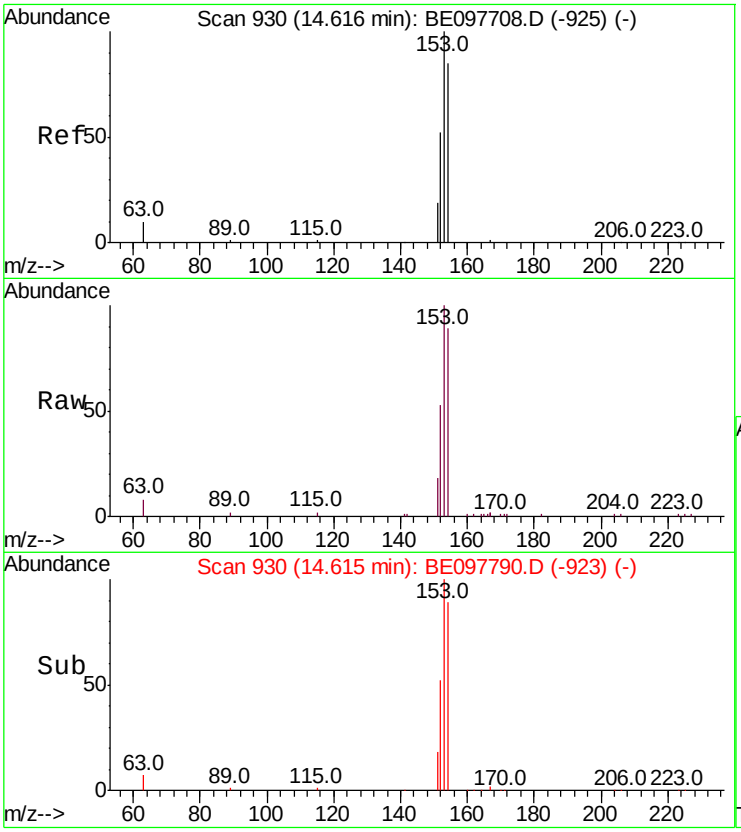




#16
Acenaphthylene
Concen: 0.346 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

Tgt Ion:152 Resp: 13376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.4 | 15.3 | 22.9 |
| 153 | 13.8 | 10.8 | 16.2 |



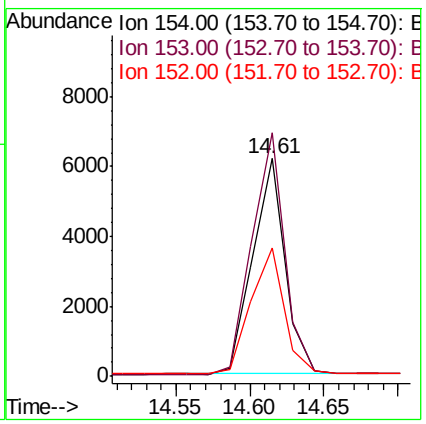


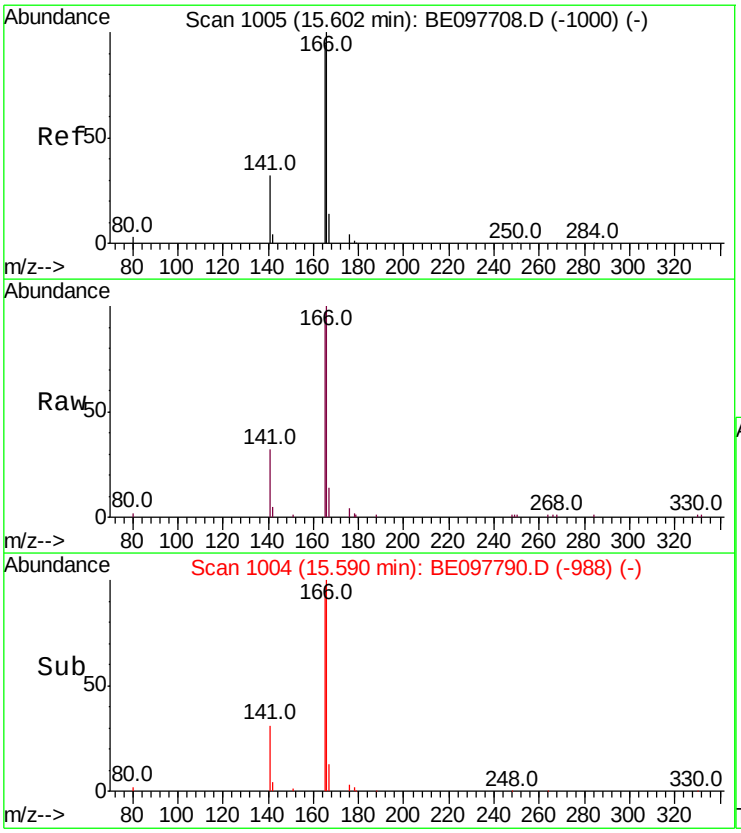

#17
Acenaphthene
Concen: 0.380 ng
RT: 14.61 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

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

Tgt Ion:154 Resp: 9422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.8 | 93.3 | 139.9 |
| 152 | 60.4 | 48.9 | 73.3 |

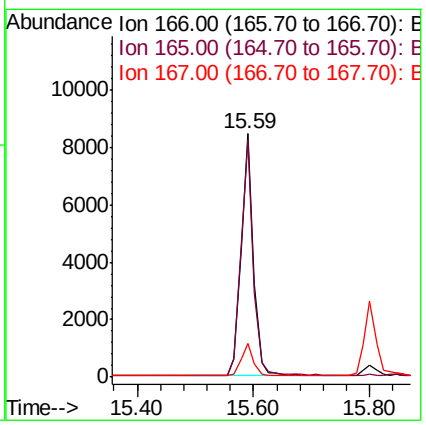


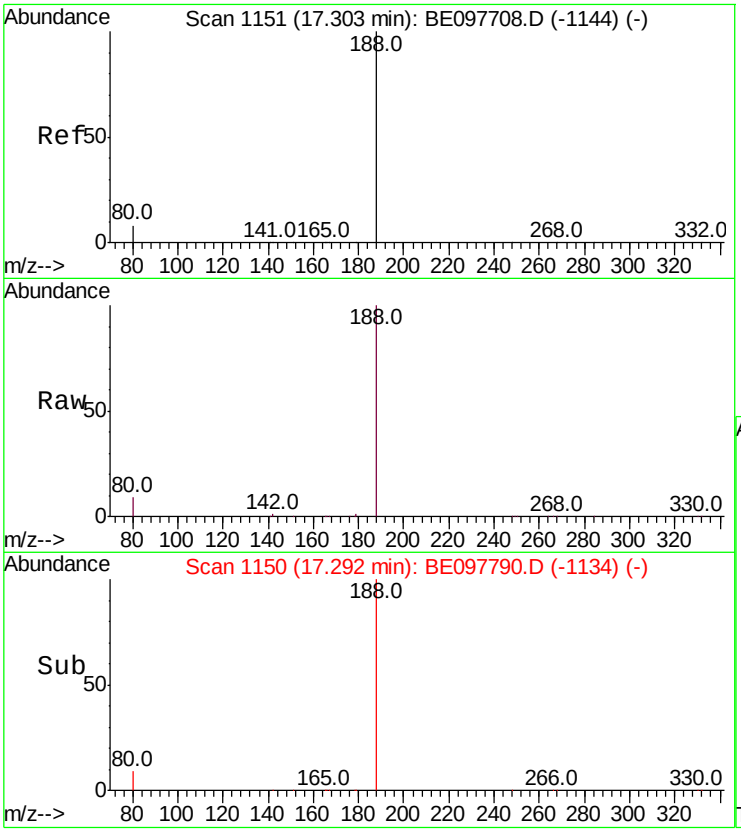




#18
Fluorene
Concen: 0.374 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

Tgt Ion:166 Resp: 12316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.7 | 79.0 | 118.4 |
| 167 | 12.8 | 11.1 | 16.7 |



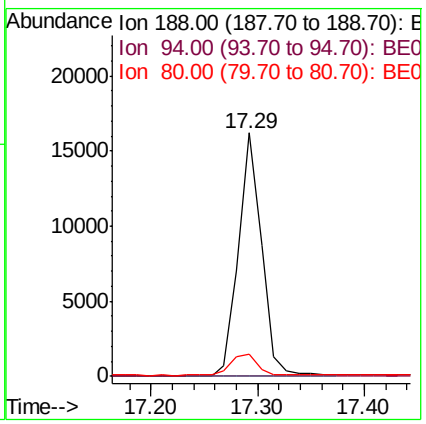


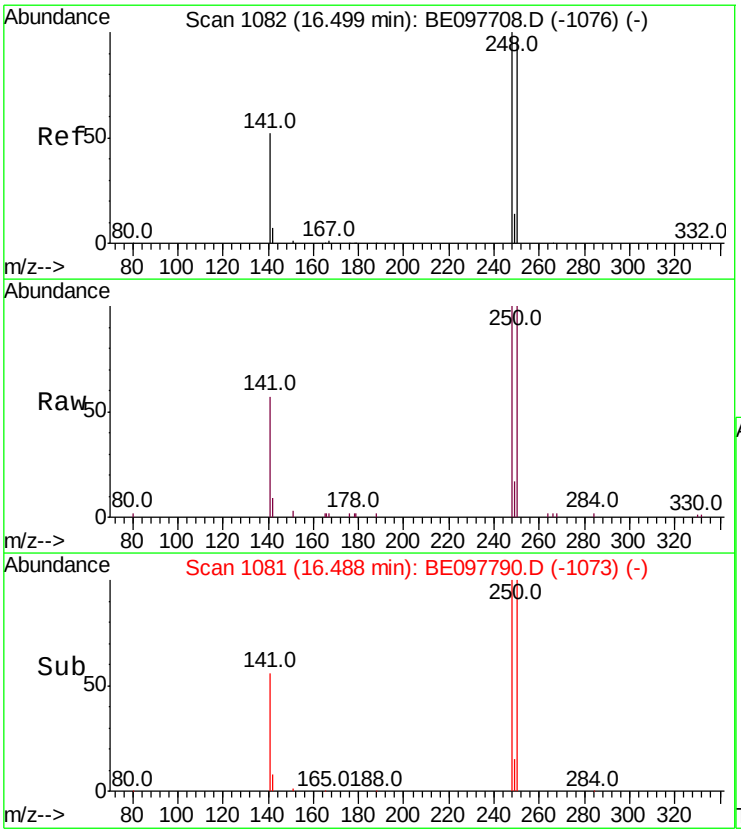

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

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

Tgt Ion:188 Resp: 24115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 9.2 | 6.6 | 9.8 |

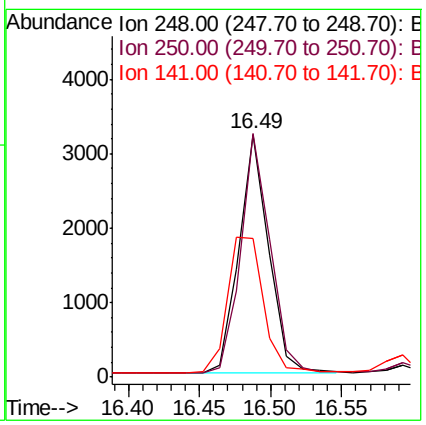


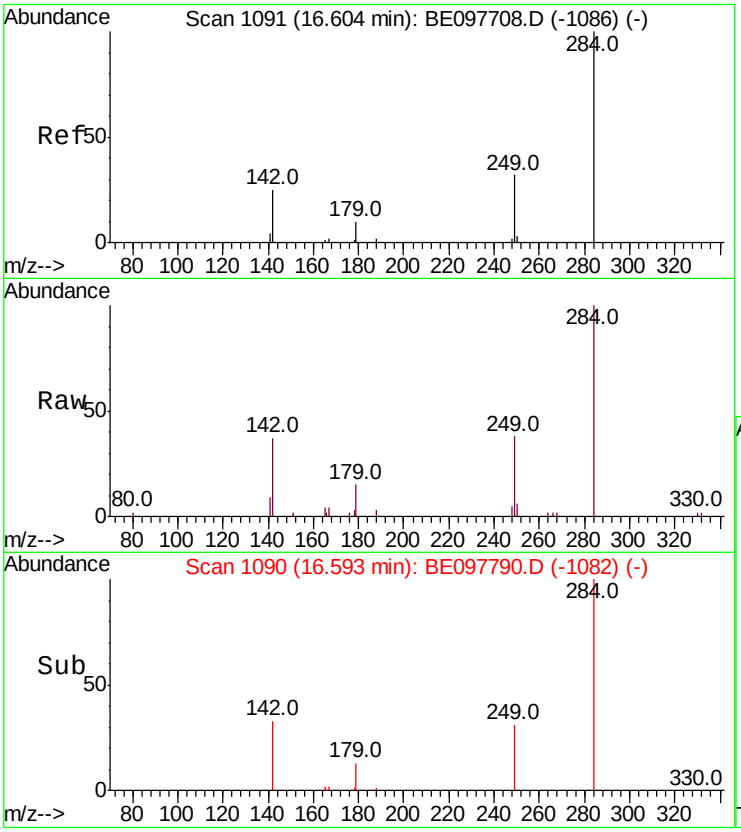




#20
4-Bromophenyl-phenylether
Concen: 0.369 ng
RT: 16.49 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

Tgt Ion:248 Resp: 4668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 100.2 | 76.1 | 114.1 |
| 141 | 57.3 | 42.2 | 63.4 |



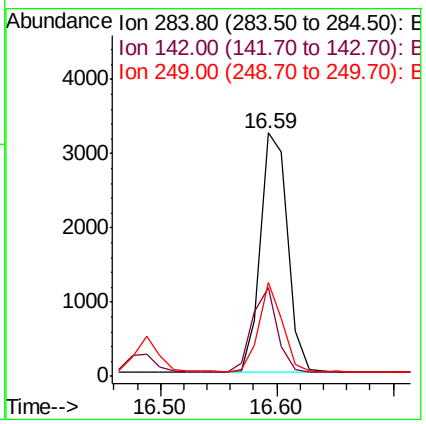


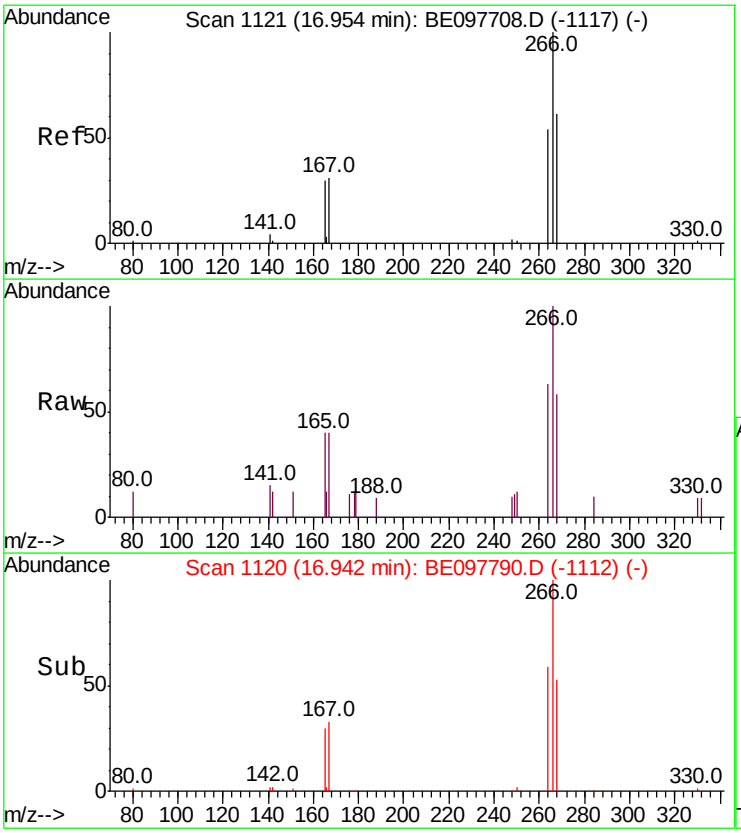

#21
Hexachlorobenzene
Concen: 0.371 ng
RT: 16.59 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

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

Tgt Ion:284 Resp: 5279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 32.7 | 24.9 | 37.3 |
| 249 | 31.8 | 25.8 | 38.8 |

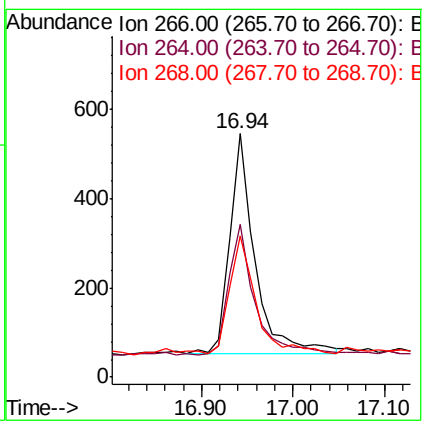


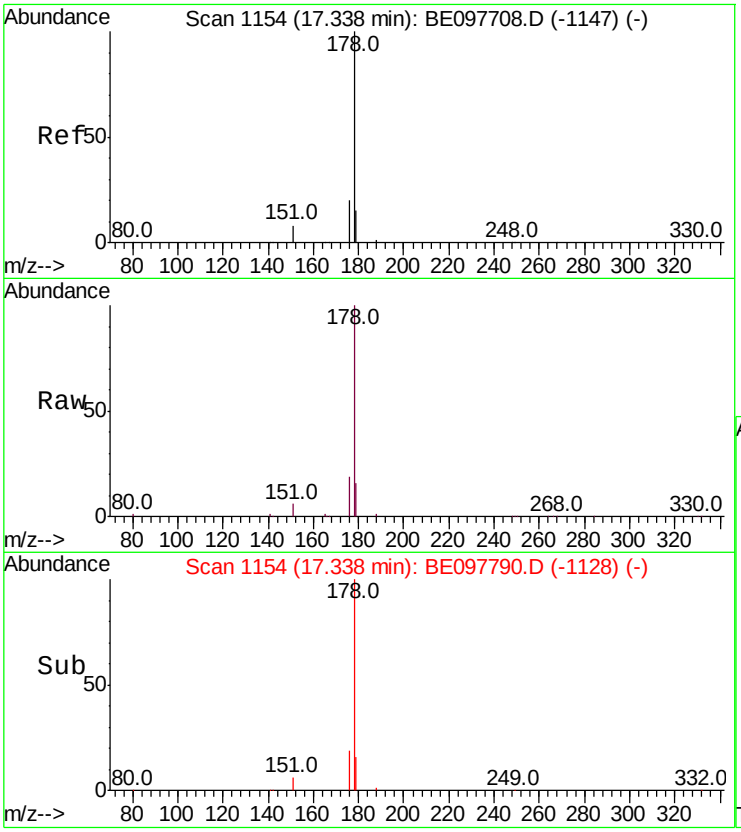




#22
Pentachlorophenol
Concen: 0.430 ng
RT: 16.94 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

Tgt Ion:266 Resp: 959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 62.8 | 46.8 | 70.2 |
| 268 | 58.1 | 53.0 | 79.6 |



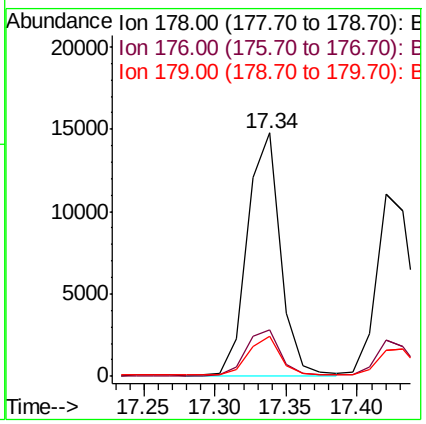


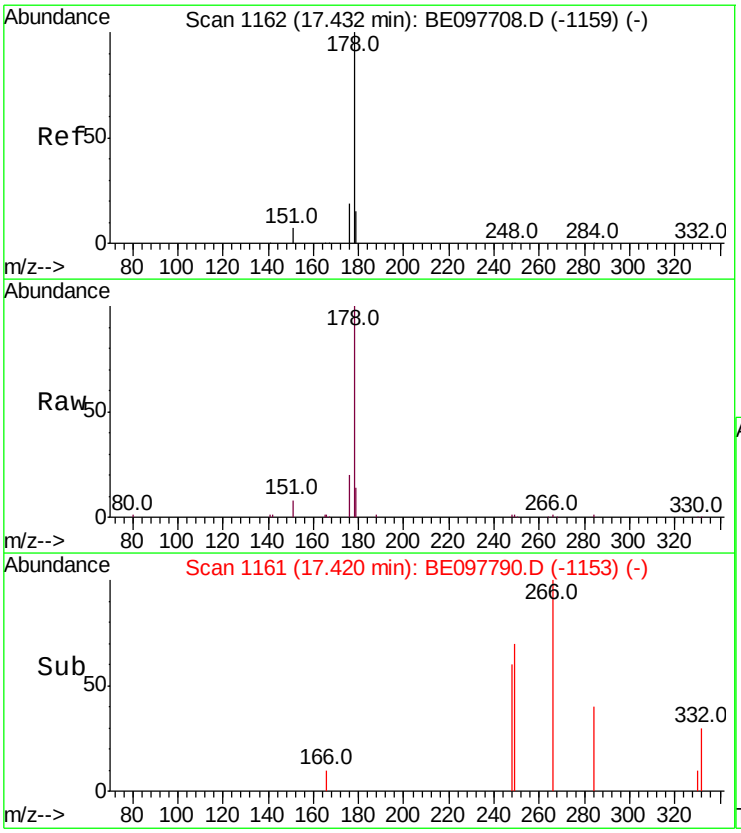

#23
Phenanthrene
Concen: 0.379 ng
RT: 17.34 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

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

Tgt Ion:178 Resp: 23537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 15.4 | 23.2 |
| 179 | 15.9 | 12.2 | 18.4 |

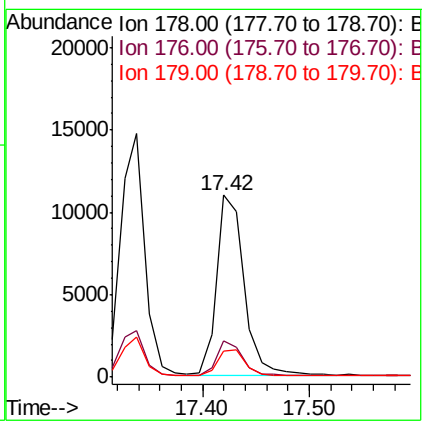


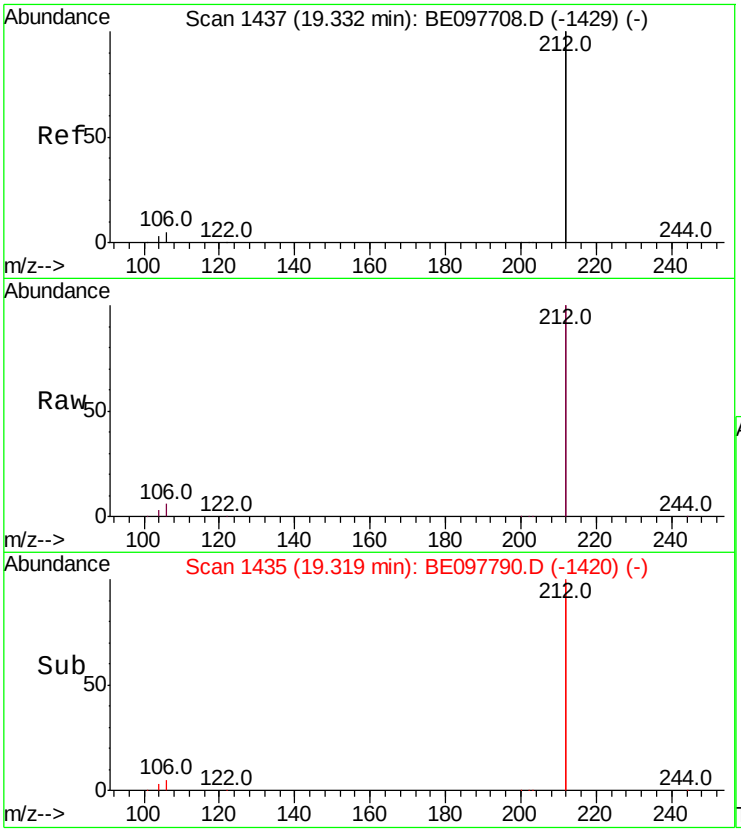




#24
Anthracene
Concen: 0.361 ng
RT: 17.42 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

Tgt Ion:178 Resp: 19355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 15.1 | 22.7 |
| 179 | 14.6 | 12.2 | 18.2 |



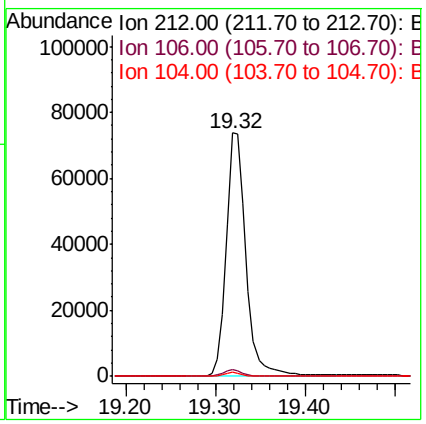


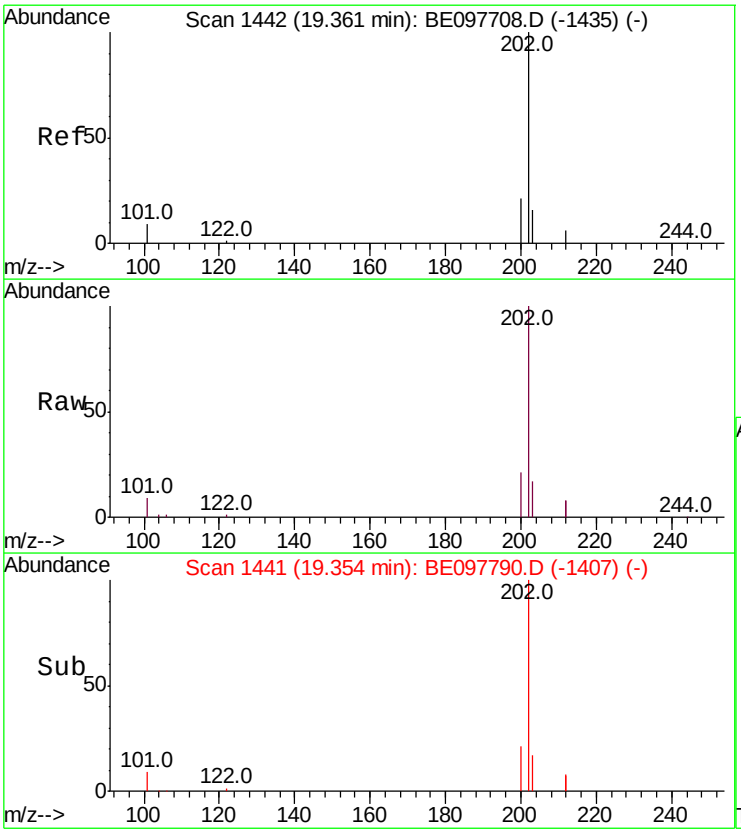

#25
Fluoranthene-d10
Concen: 0.366 ng
RT: 19.32 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

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

Tgt Ion:212 Resp: 111610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 2.6 | 2.2 | 3.2 |
| 104 | 1.5 | 1.2 | 1.8 |

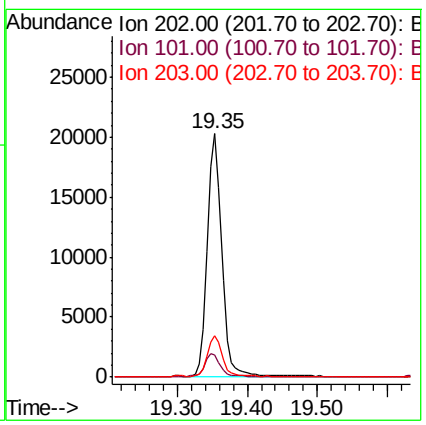


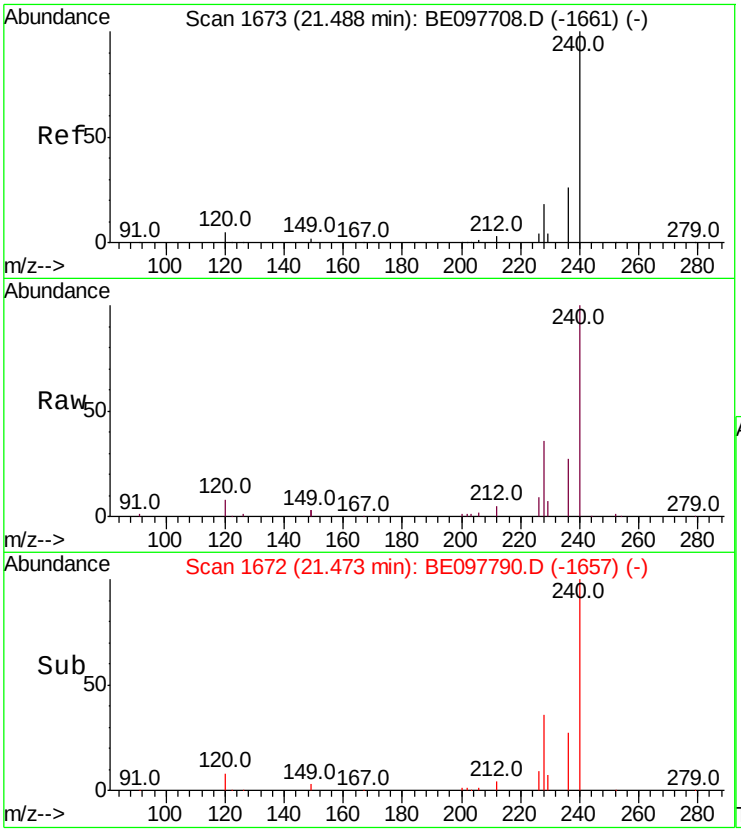




#26
Fluoranthene
Concen: 0.366 ng
RT: 19.35 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

Tgt Ion:202 Resp: 28986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.1 | 7.8 | 11.8 |
| 203 | 16.8 | 13.8 | 20.6 |



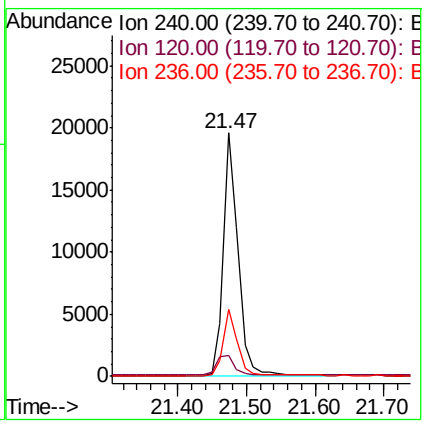


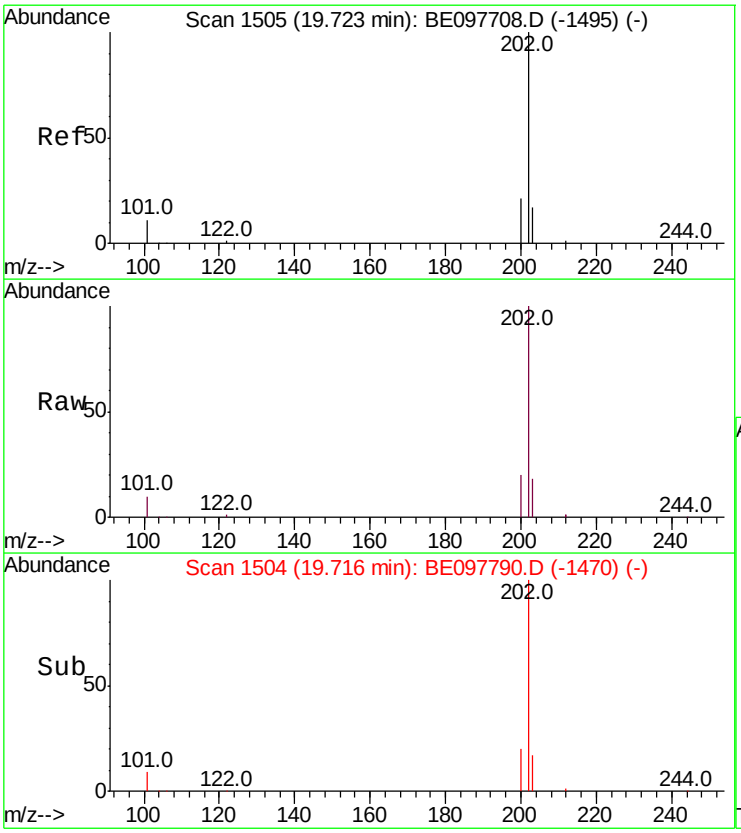

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.47 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

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

Tgt Ion:240 Resp: 29221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.5 | 4.7 | 7.1# |
| 236 | 27.3 | 20.8 | 31.2 |

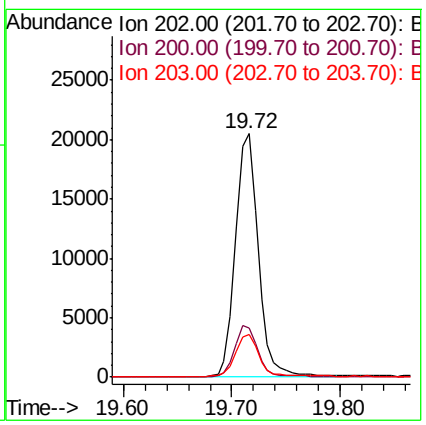


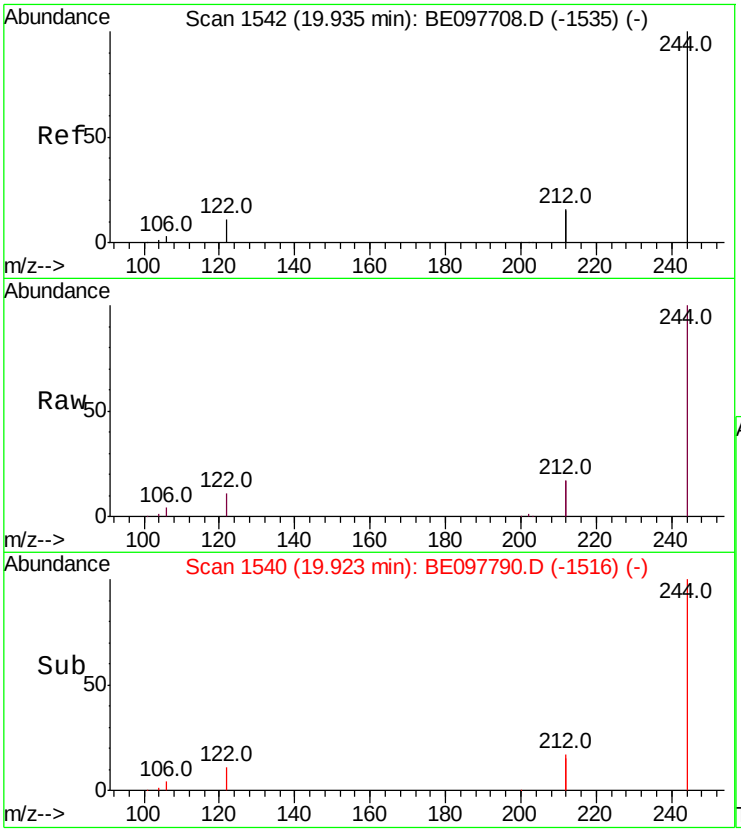




#28
Pyrene
Concen: 0.398 ng
RT: 19.72 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

Tgt Ion:202 Resp: 29526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.8 | 16.7 | 25.1 |
| 203 | 17.8 | 13.9 | 20.9 |



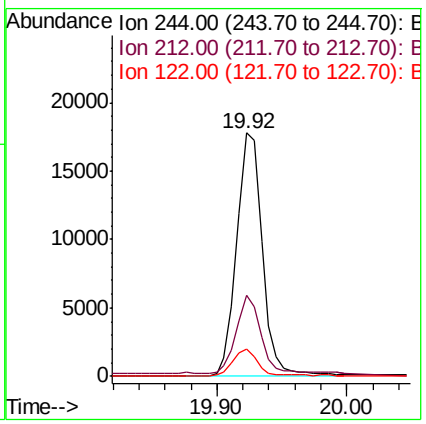


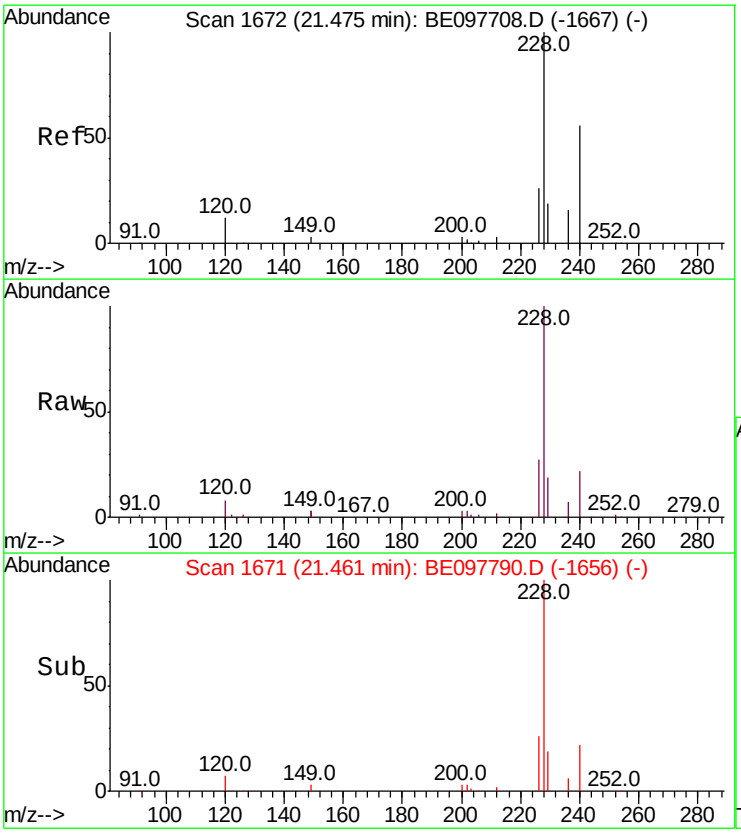

#29
Terphenyl-d14
Concen: 0.405 ng
RT: 19.92 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

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

Tgt Ion:244 Resp: 24170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 33.3 | 25.8 | 38.8 |
| 122 | 11.4 | 8.7 | 13.1 |

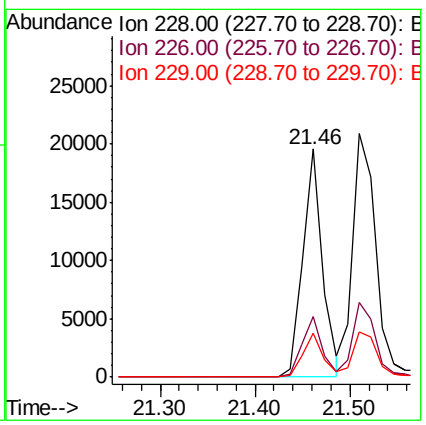


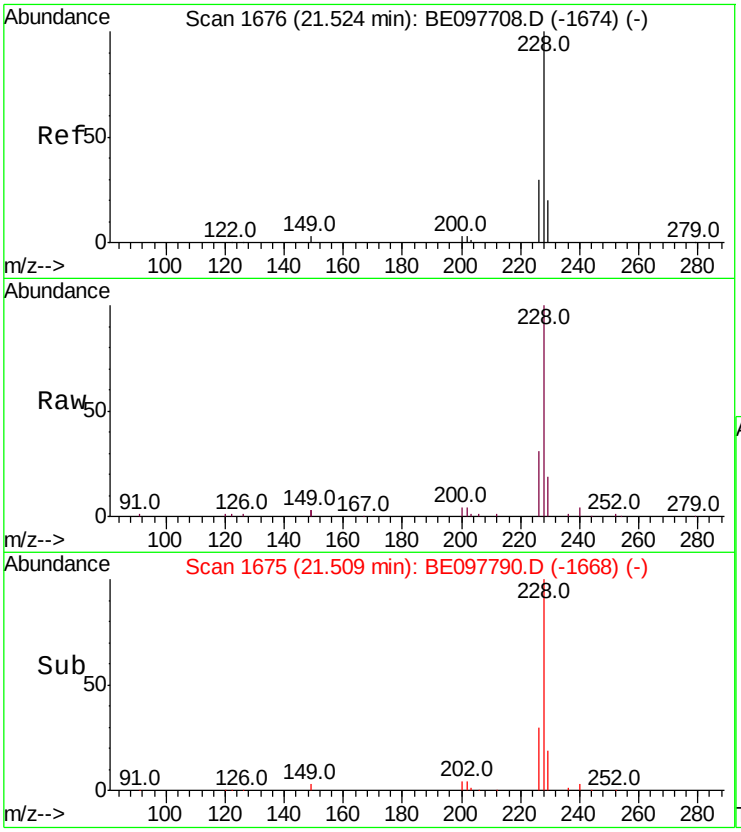




#30
Benzo(a)anthracene
Concen: 0.354 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.01 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

Tgt Ion:228 Resp: 27824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.6 | 20.7 | 31.1 |
| 229 | 19.2 | 15.7 | 23.5 |



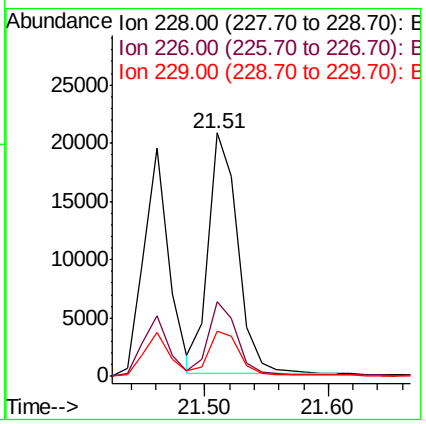


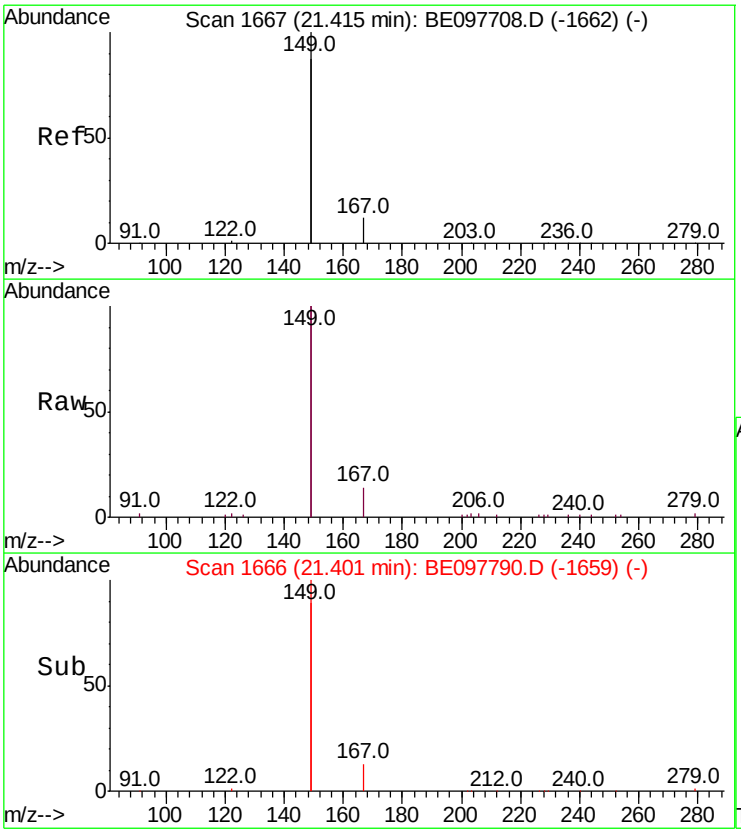

#31
Chrysene
Concen: 0.392 ng
RT: 21.51 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

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

Tgt Ion:228 Resp: 34390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.5 | 24.3 | 36.5 |
| 229 | 18.8 | 16.0 | 24.0 |

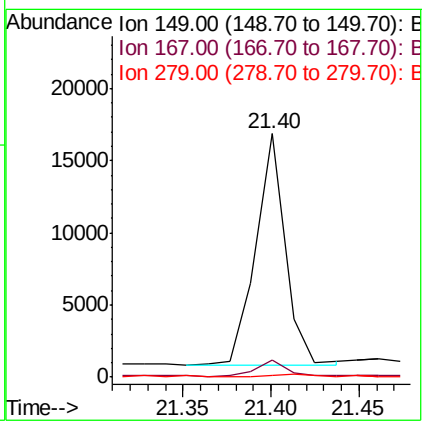


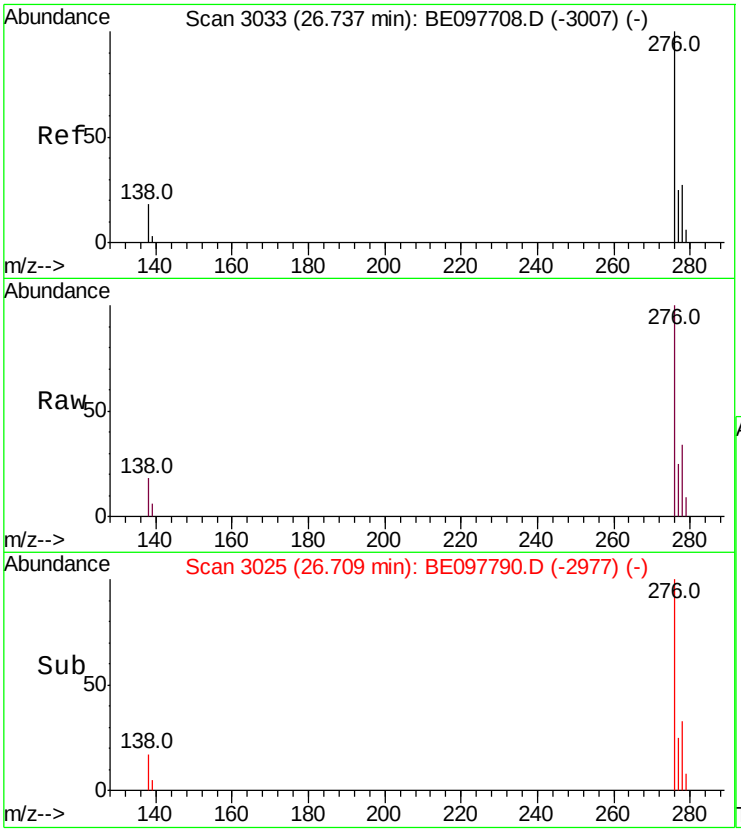




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.325 ng
RT: 21.40 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

Tgt Ion:149 Resp: 18655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 6.6 | 5.5 | 8.3 |
| 279 | 1.3 | 0.9 | 1.3 |



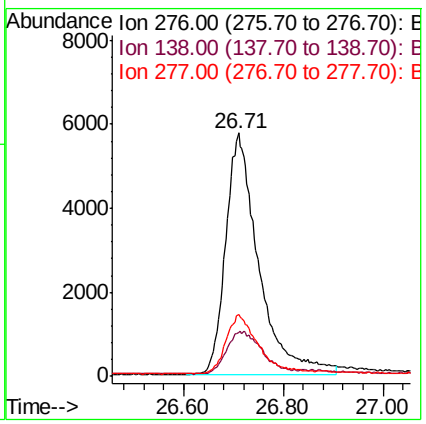


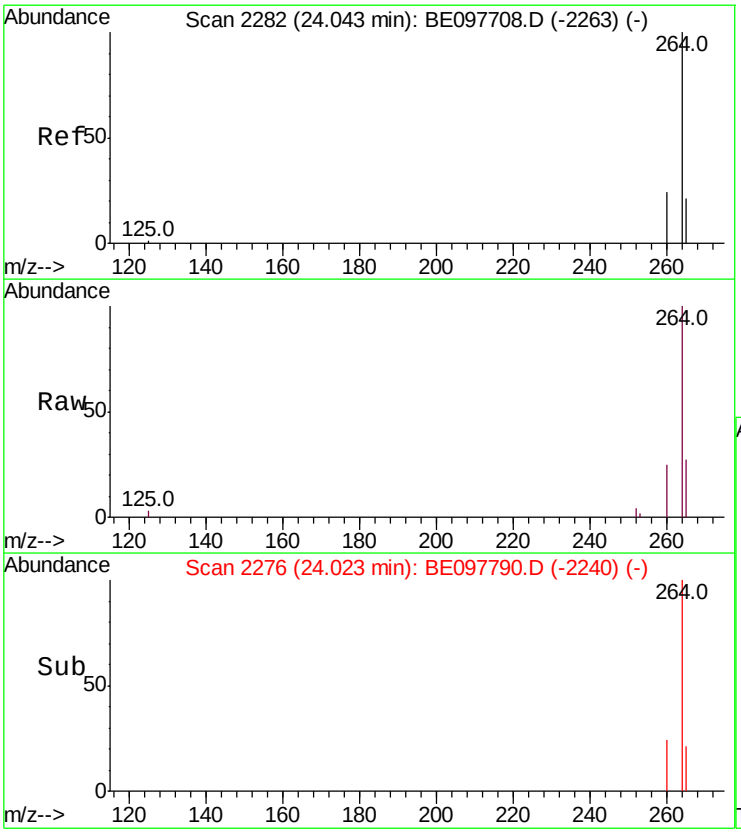

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.345 ng
RT: 26.71 min Scan# 3025
Delta R.T. -0.03 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

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

Tgt Ion:276 Resp: 26340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 19.3 | 15.0 | 22.6 |
| 277 | 24.2 | 19.2 | 28.8 |

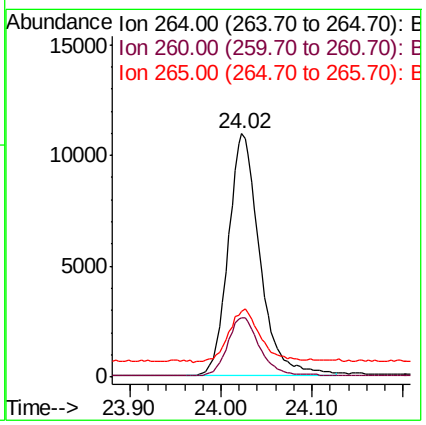


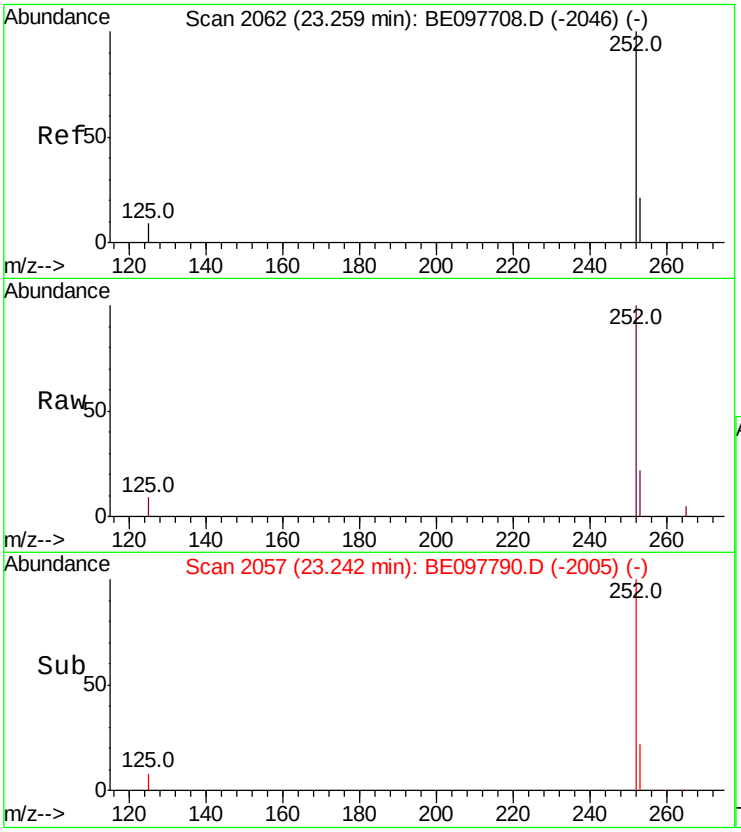




#34
Perylene-d12
Concen: 0.400 ng
RT: 24.02 min Scan# 2276
Delta R.T. -0.02 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

Tgt Ion:264 Resp: 26424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.6 | 19.1 | 28.7 |
| 265 | 27.1 | 21.9 | 32.9 |



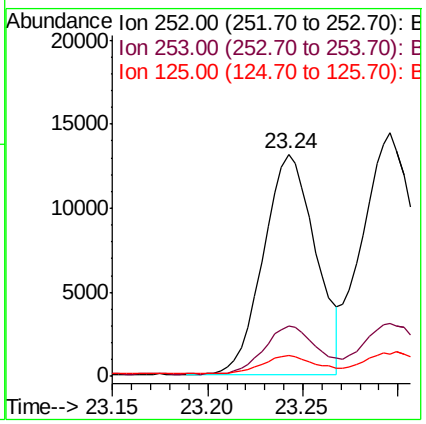


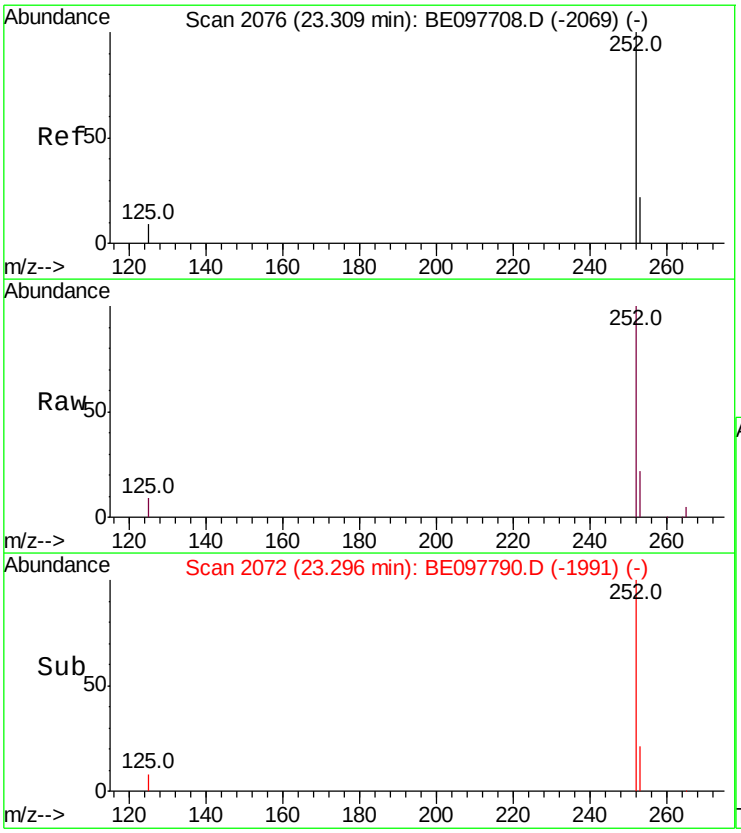

#35
Benzo(b)fluoranthene
Concen: 0.345 ng
RT: 23.24 min Scan# 2057
Delta R.T. -0.02 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

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

Tgt Ion:252 Resp: 25035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 17.5 | 26.3 |
| 125 | 9.2 | 7.8 | 11.8 |

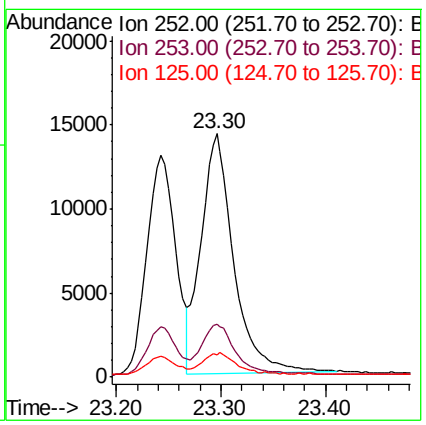


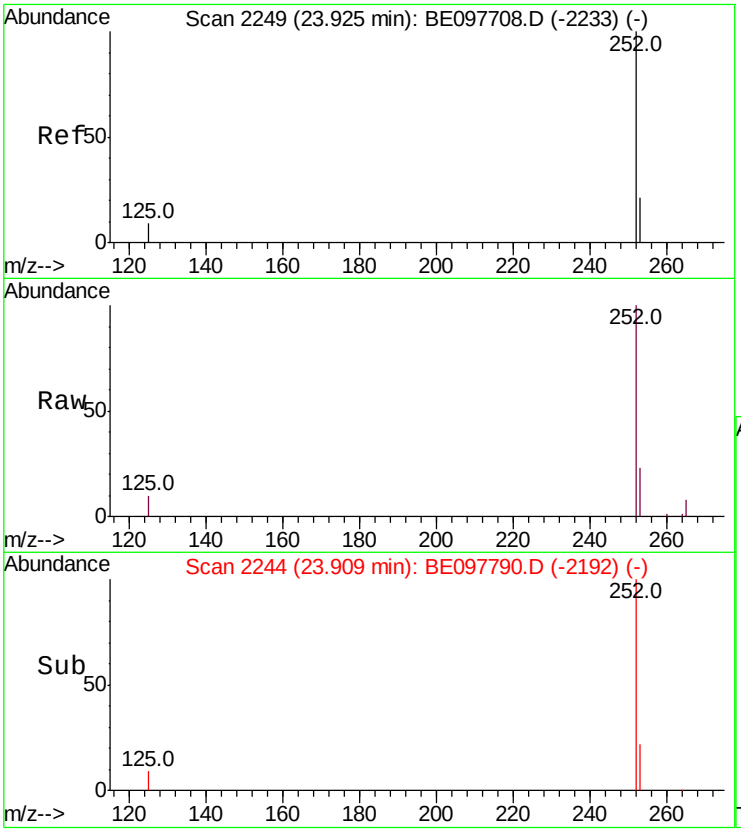




#36
Benzo(k)fluoranthene
Concen: 0.388 ng
RT: 23.30 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

Tgt Ion:252 Resp: 31204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 17.5 | 26.3 |
| 125 | 9.2 | 7.5 | 11.3 |



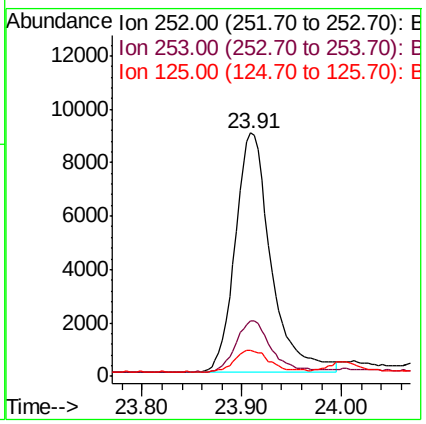


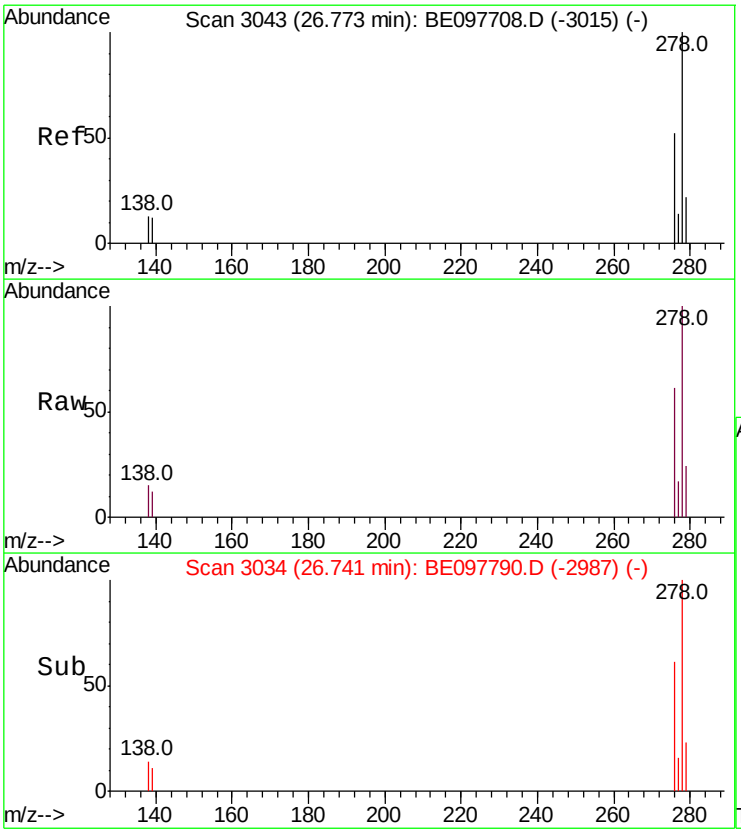

#37
Benzo(a)pyrene
Concen: 0.341 ng
RT: 23.91 min Scan# 2244
Delta R.T. -0.02 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

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

Tgt Ion:252 Resp: 22375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.8 | 17.7 | 26.5 |
| 125 | 10.5 | 8.3 | 12.5 |

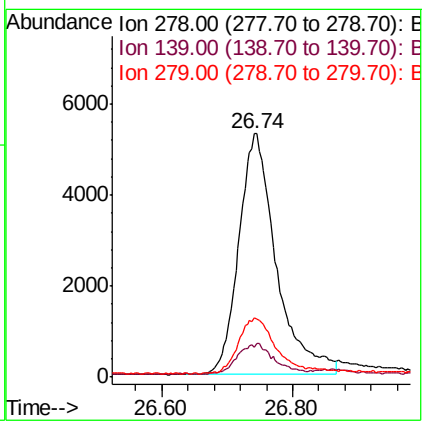


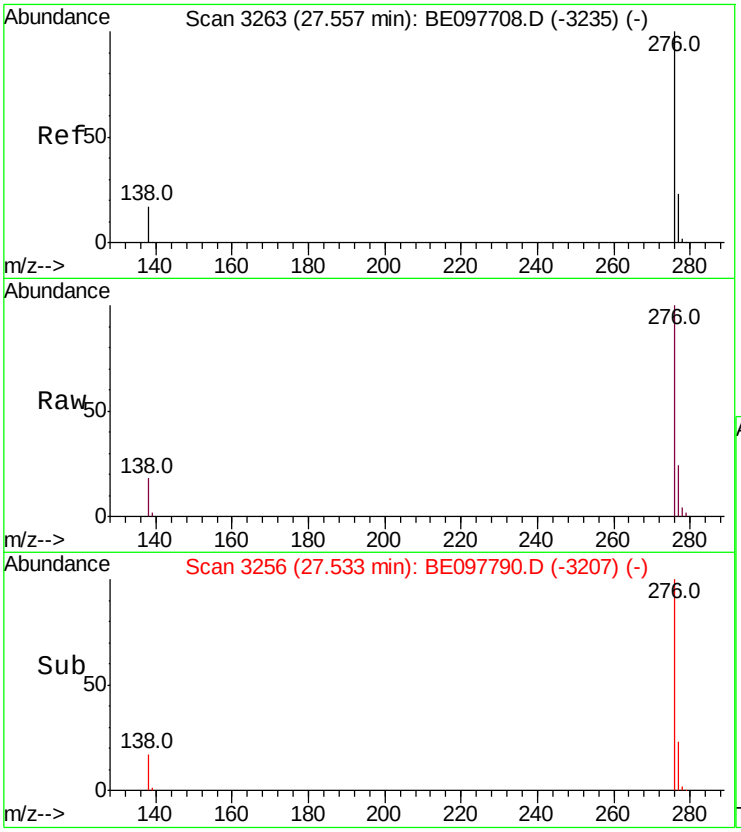




#38
Dibenzo(a,h)anthracene
Concen: 0.328 ng
RT: 26.74 min Scan# 3034
Delta R.T. -0.03 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

Tgt Ion:278 Resp: 21222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 12.5 | 10.3 | 15.5 |
| 279 | 24.2 | 18.4 | 27.6 |






#39
Benzo(g,h,i)perylene
Concen: 0.358 ng
RT: 27.53 min Scan# 3256
Delta R.T. -0.02 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

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

Tgt Ion:276 Resp: 24204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.0 | 19.1 | 28.7 |
| 138 | 18.0 | 14.2 | 21.2 |