Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE121018\
Data File : BE098298.D
Acq On : 10 Dec 2018 14:17
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDICC3.2

Quant Time: Dec 10 14:50:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 13:04:34 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.86 | 152 | 1732 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.65 | 136 | 7374 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.53 | 164 | 4590 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.28 | 188 | 12739 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.46 | 240 | 13270 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 24.01 | 264 | 11714 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.45 | 112 | 13694 | 2.96 | ng | | 0.00 |
| 5) Phenol-d6 | 7.04 | 99 | 20546 | 3.15 | ng | | -0.01 |
| 8) Nitrobenzene-d5 | 9.02 | 82 | 23801 | 3.19 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.25 | 152 | 39084 | 3.26 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 16.02 | 330 | 7290 | 3.35 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.15 | 172 | 58958 | 3.10 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.31 | 212 | 541775 | 3.15 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.90 | 244 | 106373 | 3.56 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.37 | 88 | 8814 | 2.744 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.67 | 42 | 10104 | 3.039 | ng | # | 100 |
| 6) bis(2-Chloroethyl)ether | 7.28 | 93 | 18403 | 3.069 | ng | | 95 |
| 9) Naphthalene | 10.71 | 128 | 235726 | 3.182 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.99 | 225 | 14831 | 3.121 | ng | | 98 |
| 12) 2-Methylnaphthalene | 12.34 | 142 | 40018 | 3.253 | ng | | 98 |
| 16) Acenaphthylene | 14.24 | 152 | 71988 | 3.360 | ng | | 99 |
| 17) Acenaphthene | 14.59 | 154 | 43264 | 3.389 | ng | | 99 |
| 18) Fluorene | 15.57 | 166 | 59047 | 3.488 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.46 | 248 | 22926 | 3.180 | ng | # | 83 |
| 21) Hexachlorobenzene | 16.58 | 284 | 23261 | 3.119 | ng | | 97 |
| 22) Pentachlorophenol | 16.93 | 266 | 7116 | 2.944 | ng | | 90 |
| 23) Phenanthrene | 17.31 | 178 | 100477 | 3.176 | ng | | 99 |
| 24) Anthracene | 17.41 | 178 | 96977 | 3.291 | ng | | 100 |
| 26) Fluoranthene | 19.34 | 202 | 136156 | 3.153 | ng | | 100 |
| 28) Pyrene | 19.70 | 202 | 138179 | 3.759 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.44 | 228 | 124398 | 3.183 | ng | | 98 |
| 31) Chrysene | 21.50 | 228 | 123960 | 3.123 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.37 | 149 | 265768 | 2.840 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 26.70 | 276 | 124120 | 3.093 | ng | | 100 |
| 35) Benzo(b)fluoranthene | 23.22 | 252 | 106429 | 3.099 | ng | # | 93 |
| 36) Benzo(k)fluoranthene | 23.27 | 252 | 123474 | 3.424 | ng | # | 95 |
| 37) Benzo(a)pyrene | 23.89 | 252 | 107773 | 3.258 | ng | # | 92 |
| 38) Dibenzo(a,h)anthracene | 26.72 | 278 | 103923 | 3.313 | ng | # | 92 |
| 39) Benzo(g,h,i)perylene | 27.52 | 276 | 103283 | 3.286 | ng | | 96 |

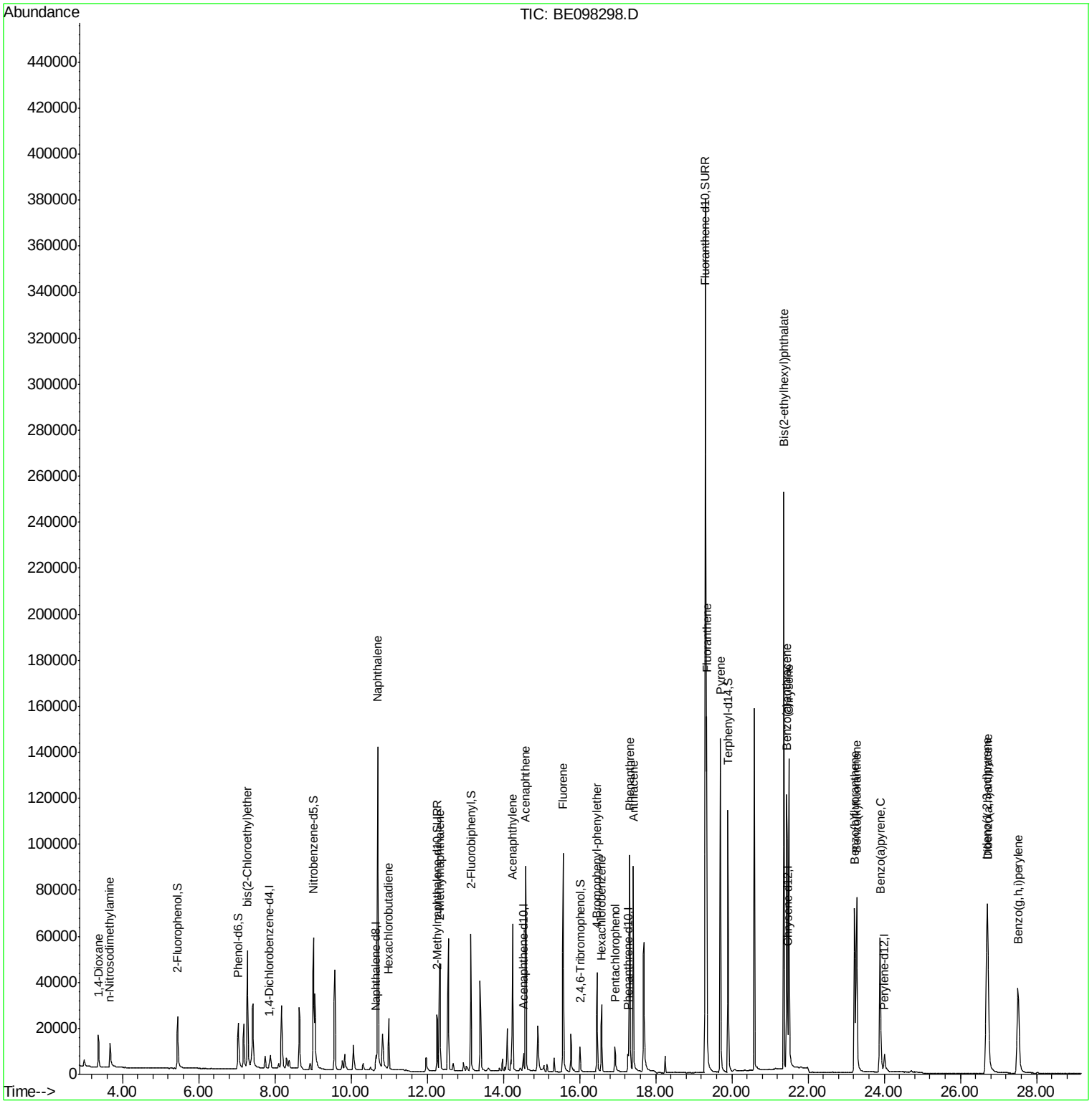
(#) = qualifier out of range (m) = manual integration (+) = signals summed

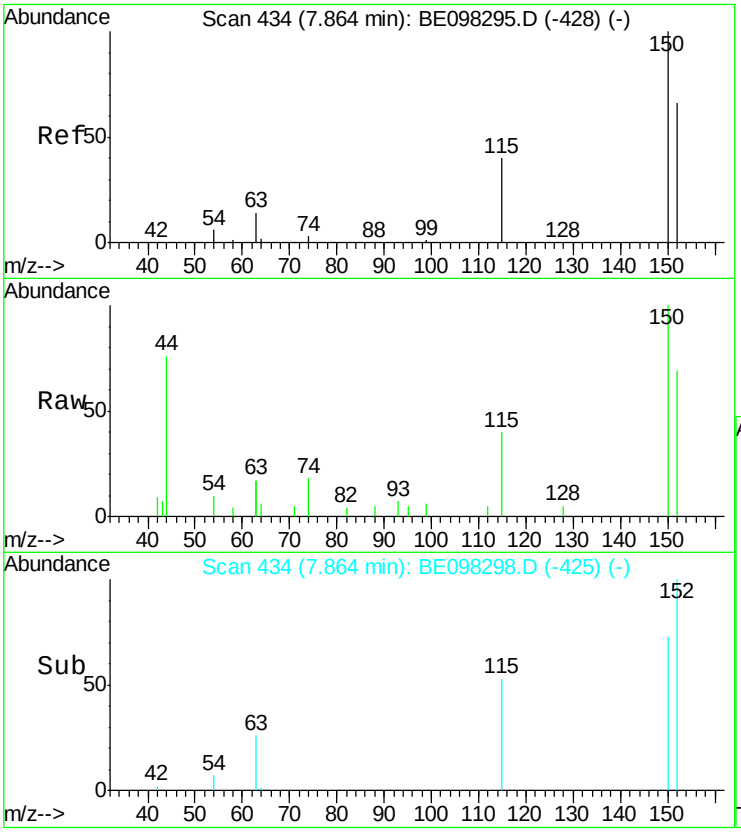
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE121018\
Data File : BE098298.D
Acq On : 10 Dec 2018 14:17
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC3.2

Quant Time: Dec 10 14:50:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 13:04:34 2018
Response via : Initial Calibration



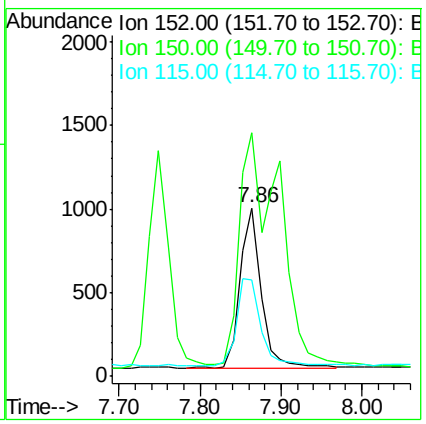


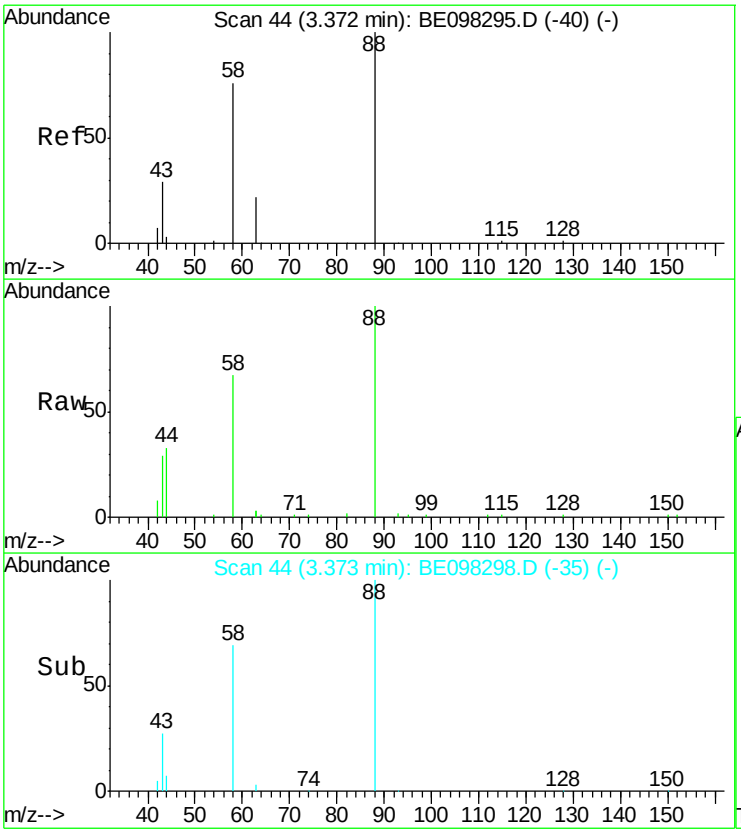

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC3.2

Tgt Ion:152 Resp: 1732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 144.9 | 124.2 | 186.4 |
| 115 | 57.5 | 53.9 | 80.9 |

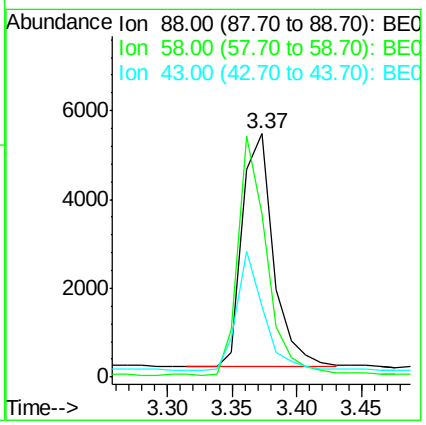


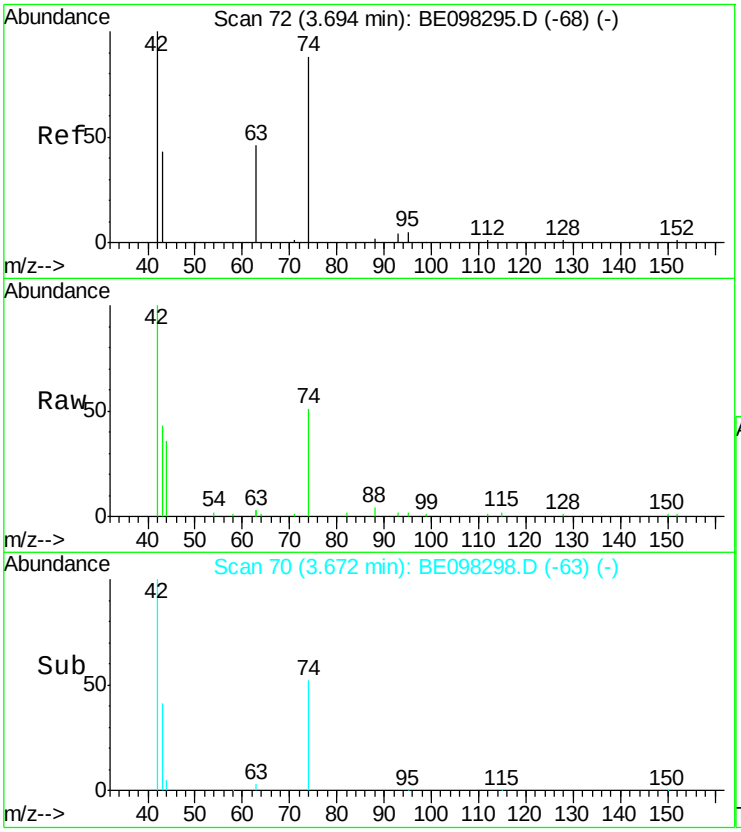




#2
1,4-Dioxane
Concen: 2.744 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion: 88 Resp: 8814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 92.7 | 75.0 | 112.6 |
| 43 | 43.6 | 38.3 | 57.5 |



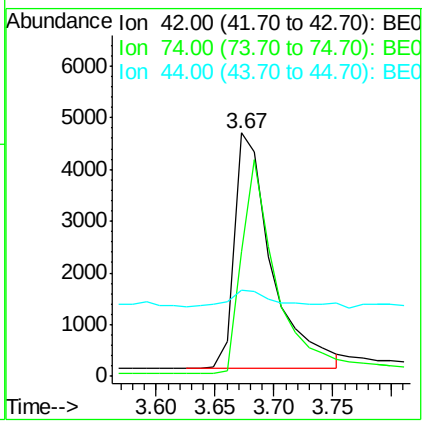


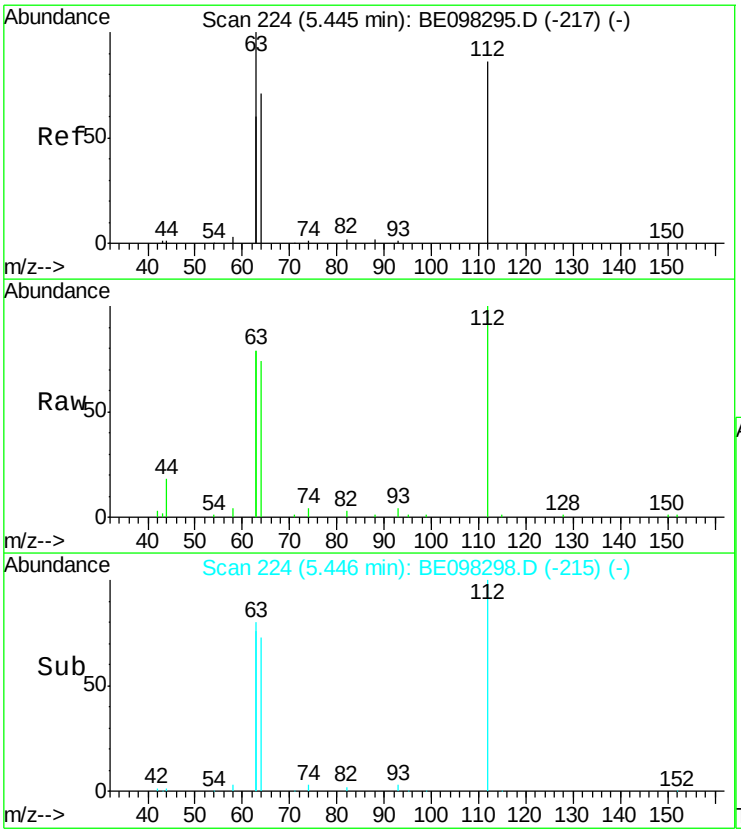

#3
n-Nitrosodimethylamine
Concen: 3.039 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.02 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC3.2

Tgt Ion: 42 Resp: 10104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 83.6 | 0.0 | 0.0# |
| 44 | 7.7 | 0.0 | 0.0# |

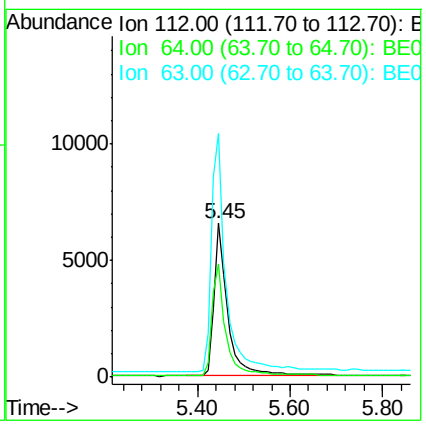


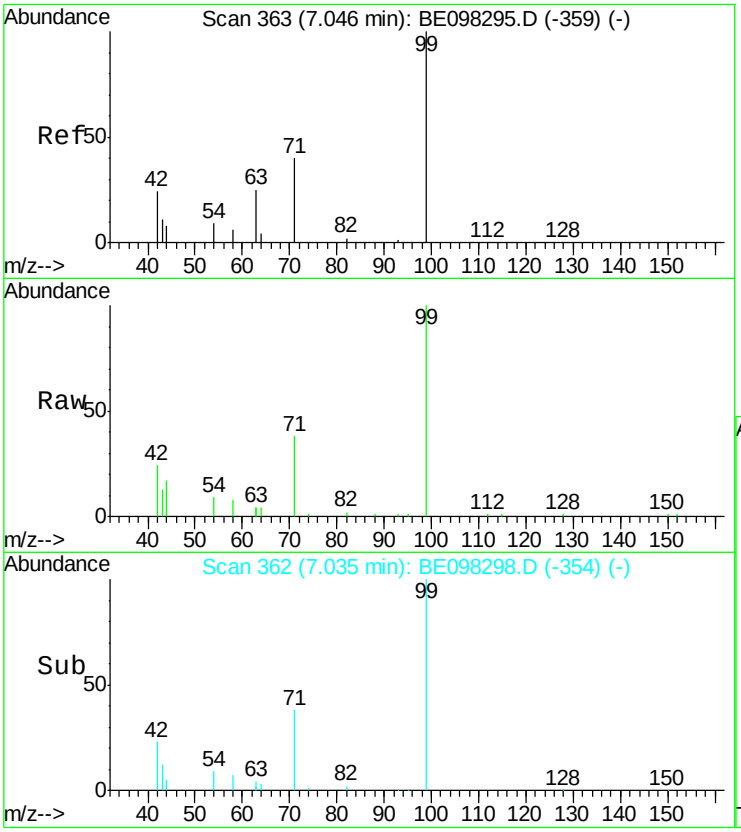




#4
2-Fluorophenol
Concen: 2.961 ng
RT: 5.45 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:112 Resp: 13694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 75.4 | 59.8 | 89.8 |
| 63 | 164.2 | 133.7 | 200.5 |



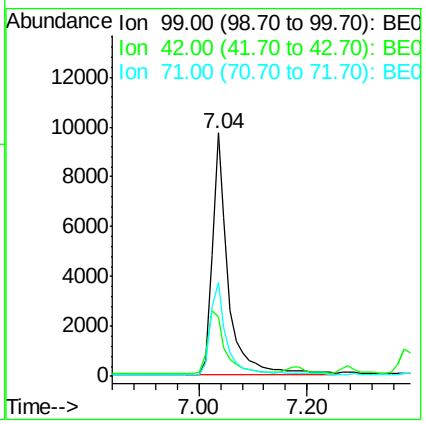


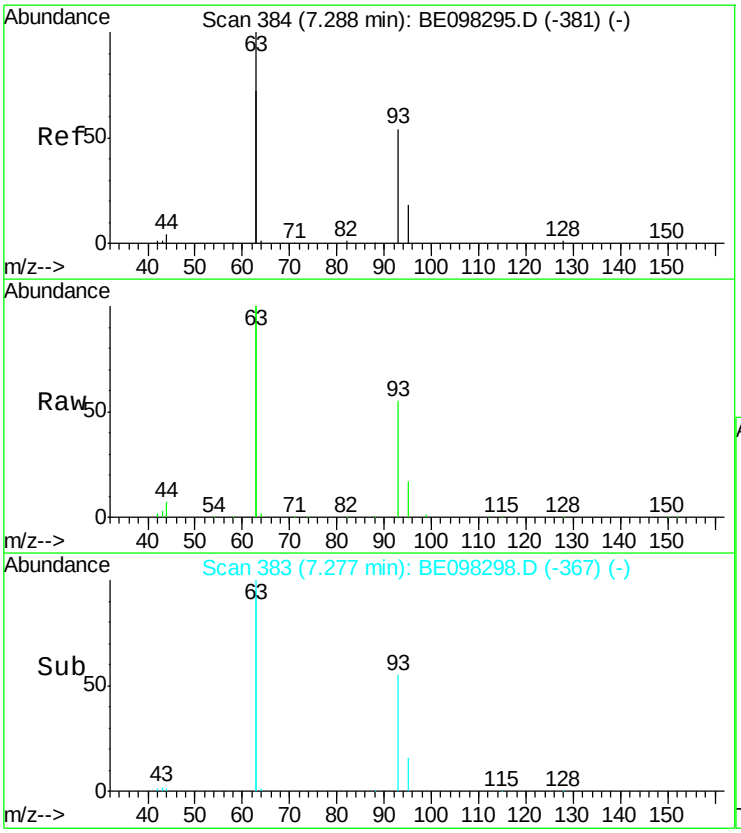

#5
Phenol-d6
Concen: 3.153 ng
RT: 7.04 min Scan# 362
Delta R.T. -0.01 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC3.2

Tgt Ion: 99 Resp: 20546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 27.7 | 26.3 | 39.5 |
| 71 | 39.8 | 33.6 | 50.4 |

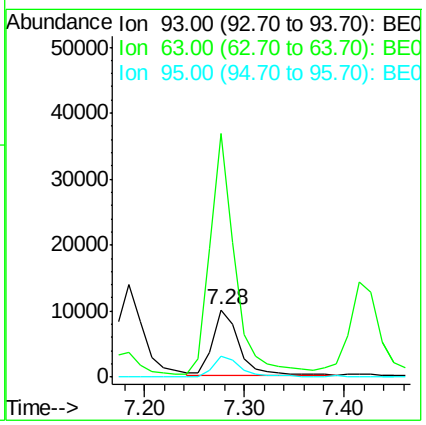


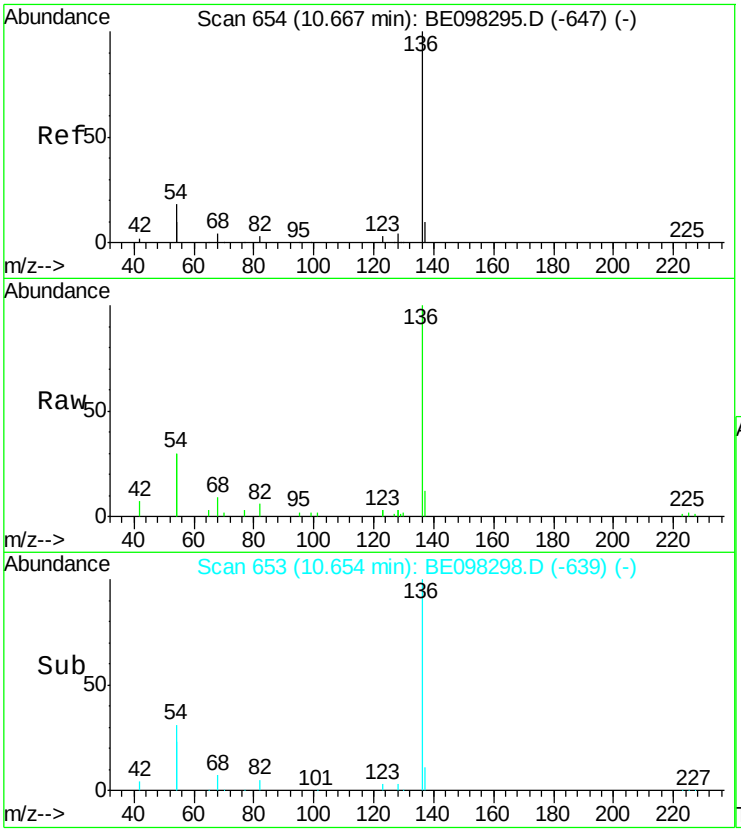




#6
bis(2-Chloroethyl)ether
Concen: 3.069 ng
RT: 7.28 min Scan# 383
Delta R.T. -0.01 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion: 93 Resp: 18403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 341.9 | 264.4 | 396.6 |
| 95 | 31.7 | 26.6 | 40.0 |



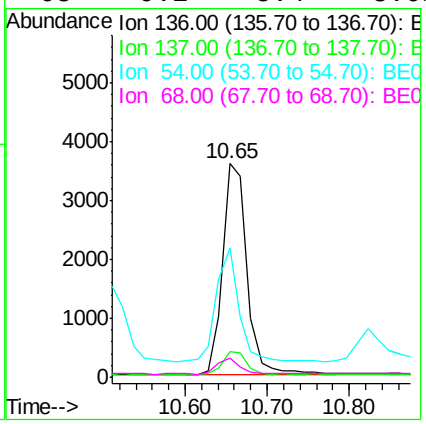


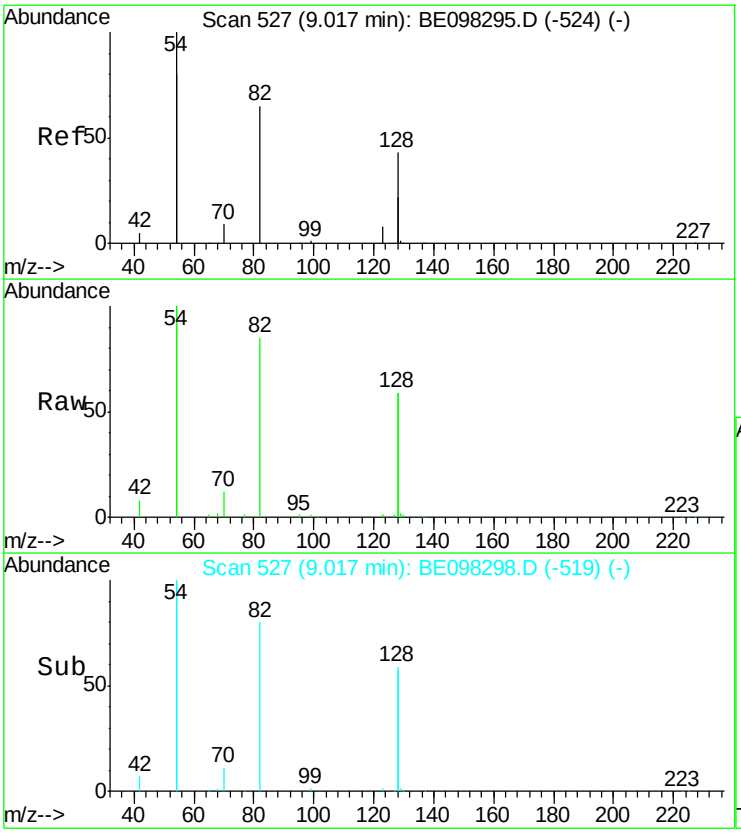

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC3.2

Tgt Ion:136 Resp: 7374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.7 | 9.2 | 13.8 |
| 54 | 60.8 | 28.4 | 42.6# |
| 68 | 9.2 | 5.4 | 8.0# |

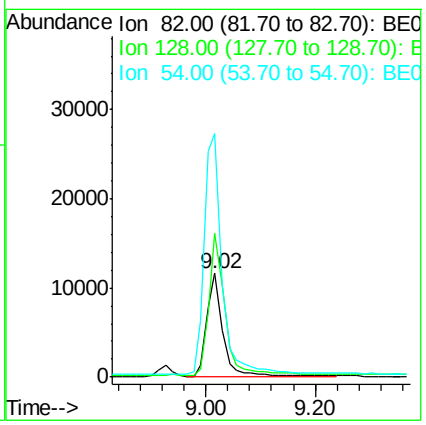


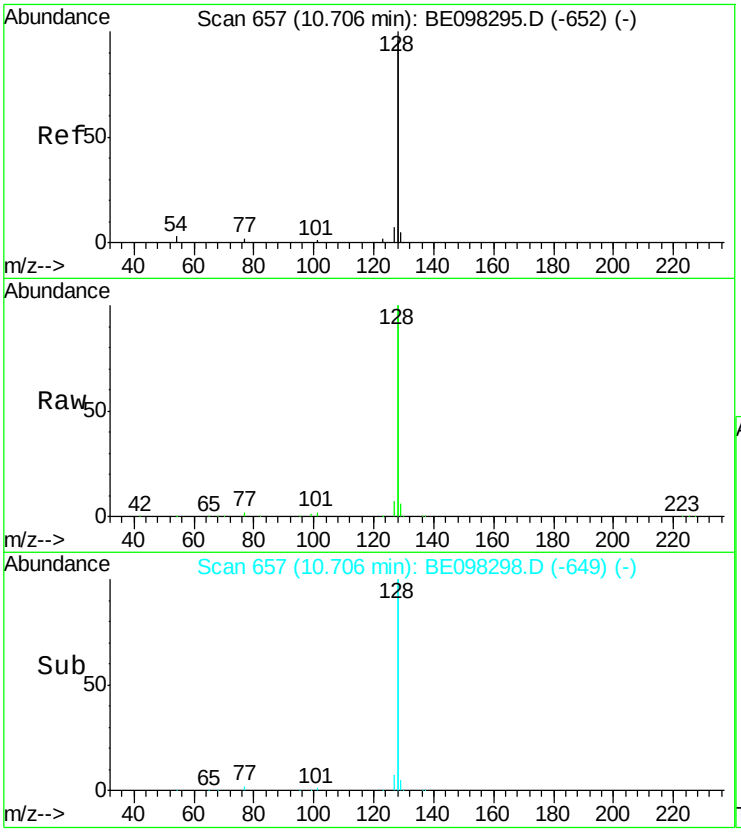




#8
Nitrobenzene-d5
Concen: 3.187 ng
RT: 9.02 min Scan# 527
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion: 82 Resp: 23801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 139.4 | 102.4 | 153.6 |
| 54 | 235.3 | 221.8 | 332.8 |



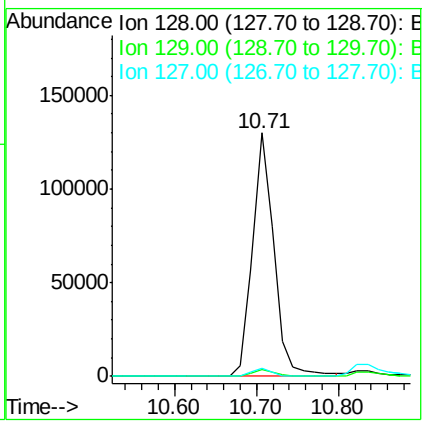


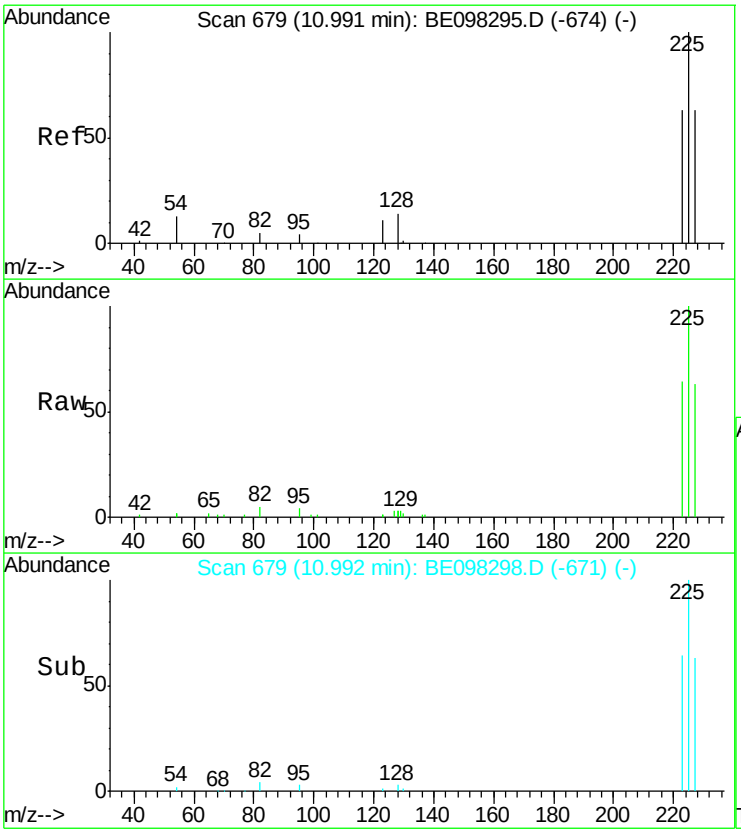

#9
Naphthalene
Concen: 3.182 ng
RT: 10.71 min Scan# 657
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC3.2

Tgt Ion:128 Resp: 235726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 2.8 | 2.5 | 3.7 |
| 127 | 3.4 | 2.7 | 4.1 |

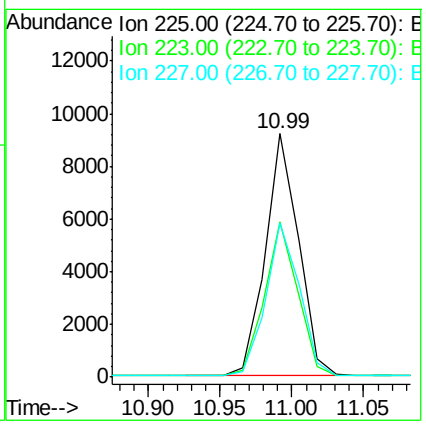


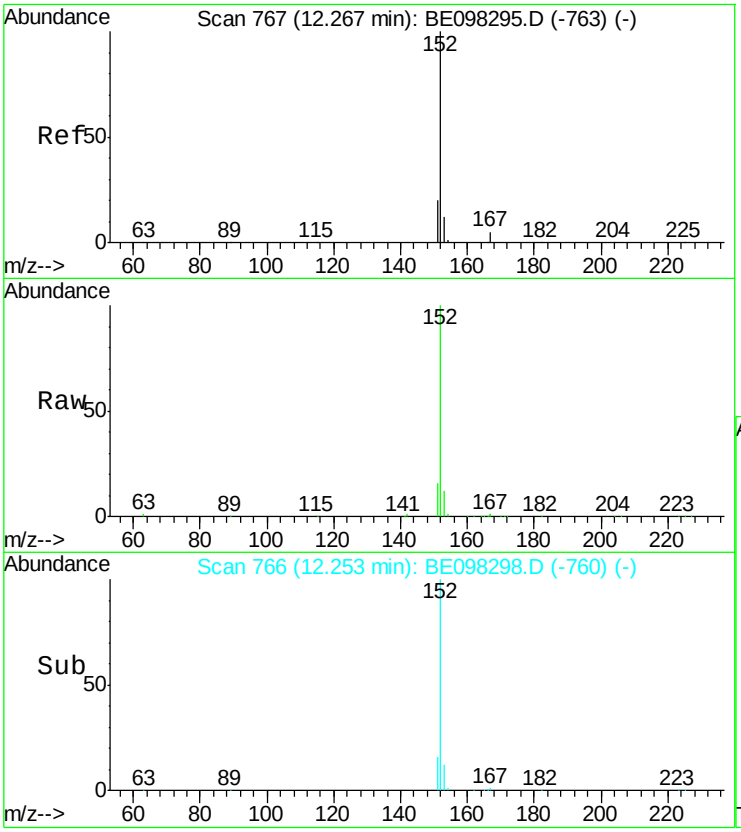




#10
Hexachlorobutadiene
Concen: 3.121 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:225 Resp: 14831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.6 | 49.4 | 74.0 |
| 227 | 64.0 | 52.0 | 78.0 |



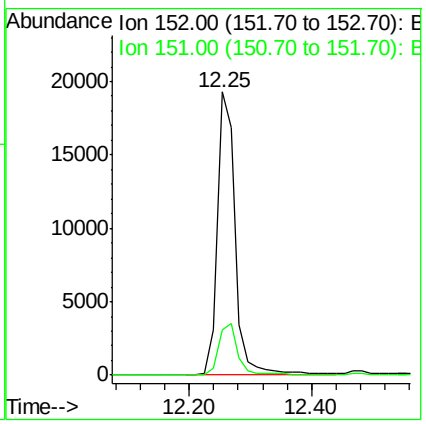


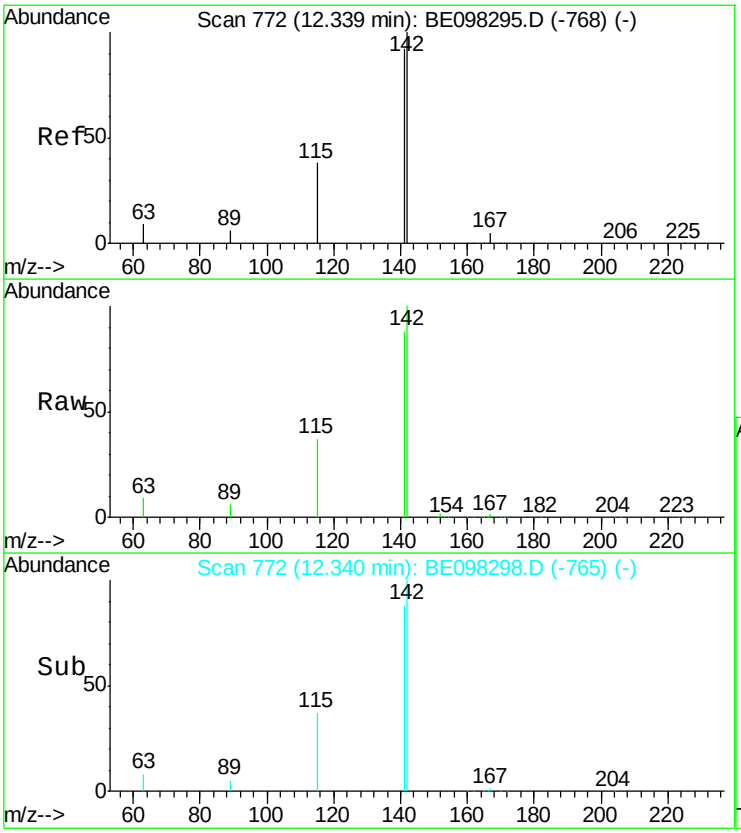

#11
2-Methylnaphthalene-d10
Concen: 3.264 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.01 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC3.2

Tgt Ion:152 Resp: 39084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.1 | 16.2 | 24.4 |

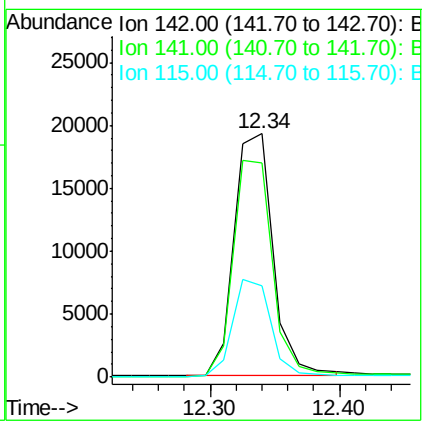


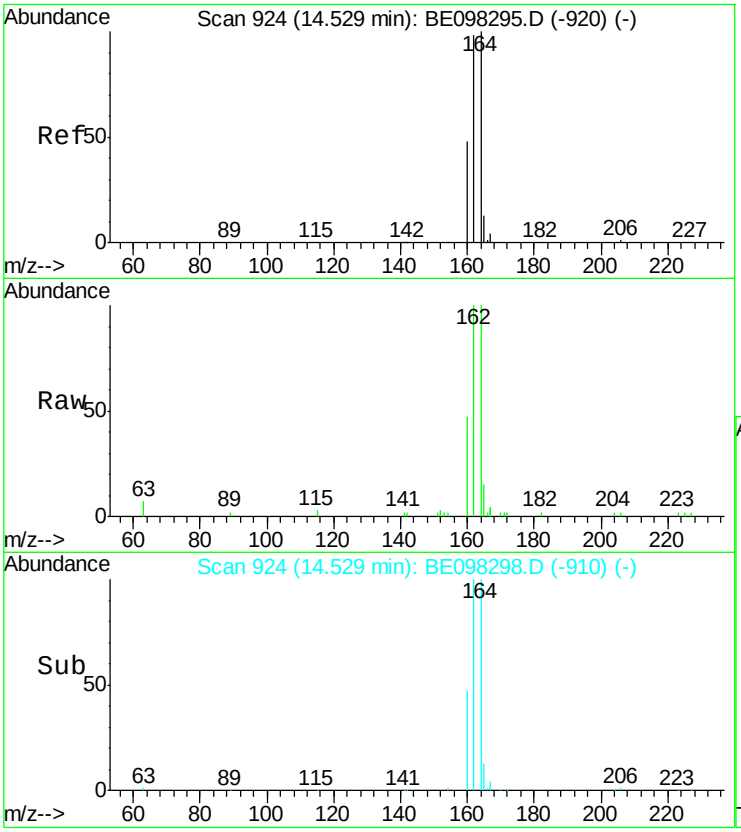




#12
2-Methylnaphthalene
Concen: 3.253 ng
RT: 12.34 min Scan# 772
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:142 Resp: 40018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.8 | 71.0 | 106.6 |
| 115 | 37.4 | 32.2 | 48.2 |



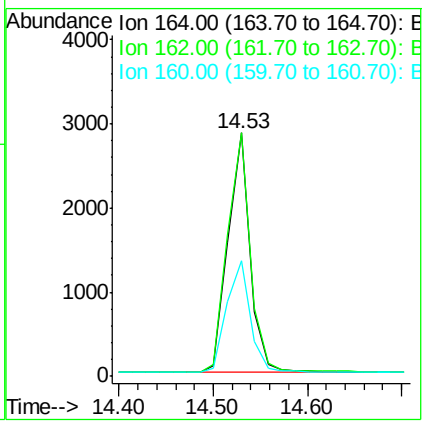


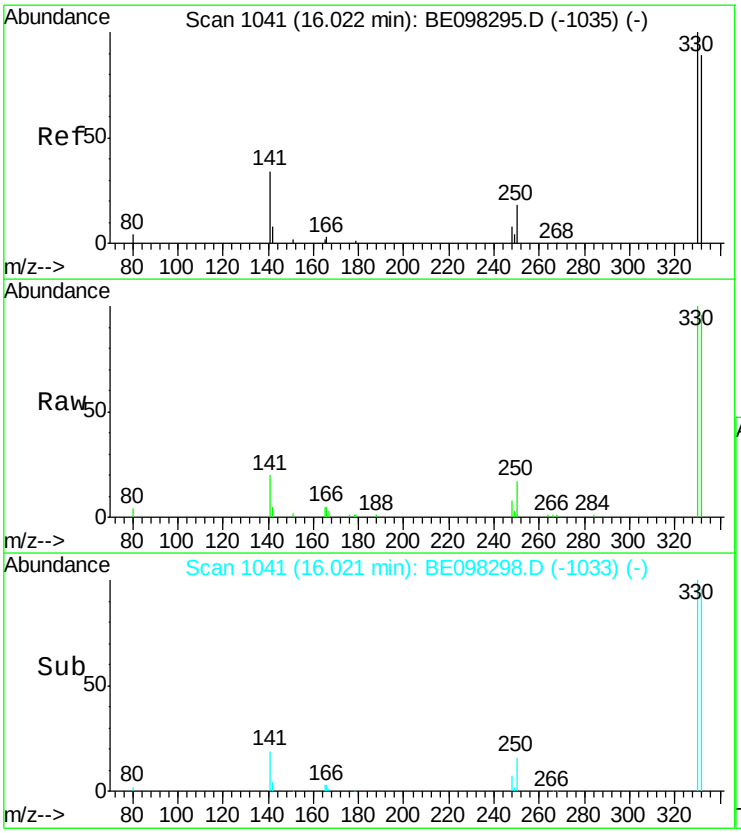

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC3.2

Tgt Ion:164 Resp: 4590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.0 | 77.6 | 116.4 |
| 160 | 47.4 | 36.0 | 54.0 |

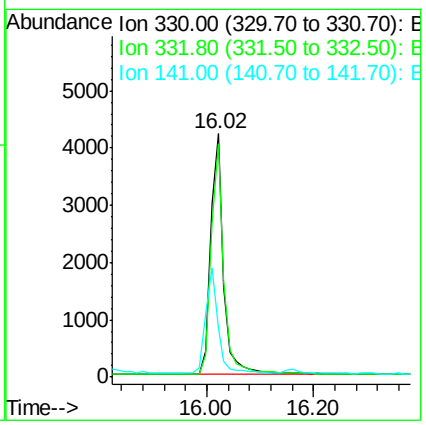


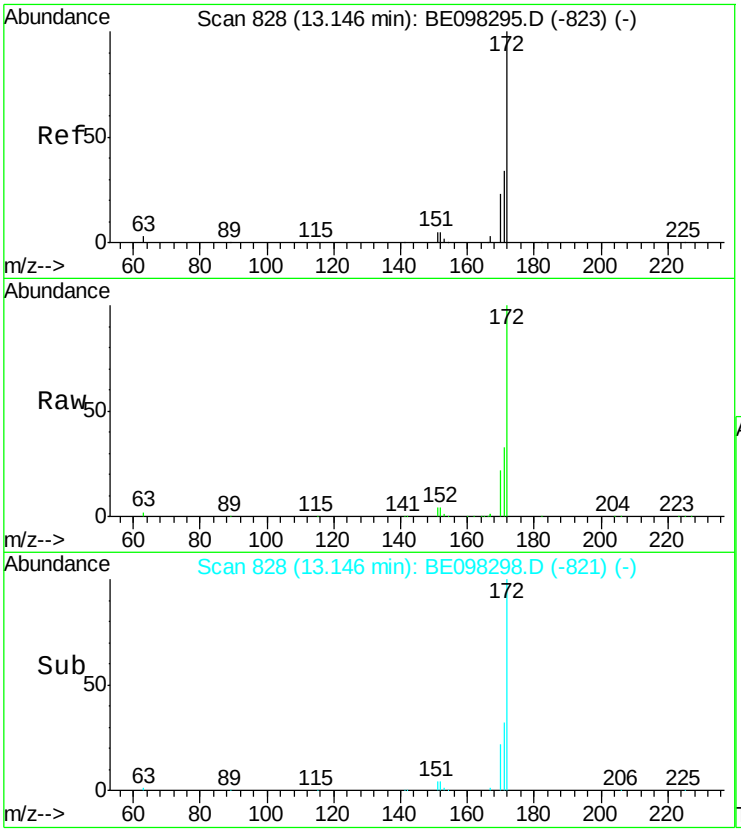




#14
2,4,6-Tribromophenol
Concen: 3.349 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:330 Resp: 7290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.7 | 76.2 | 114.4 |
| 141 | 40.9 | 39.0 | 58.4 |



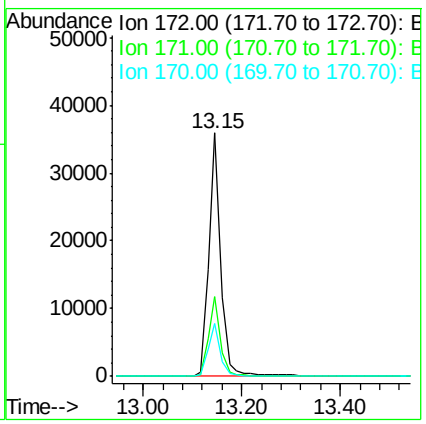


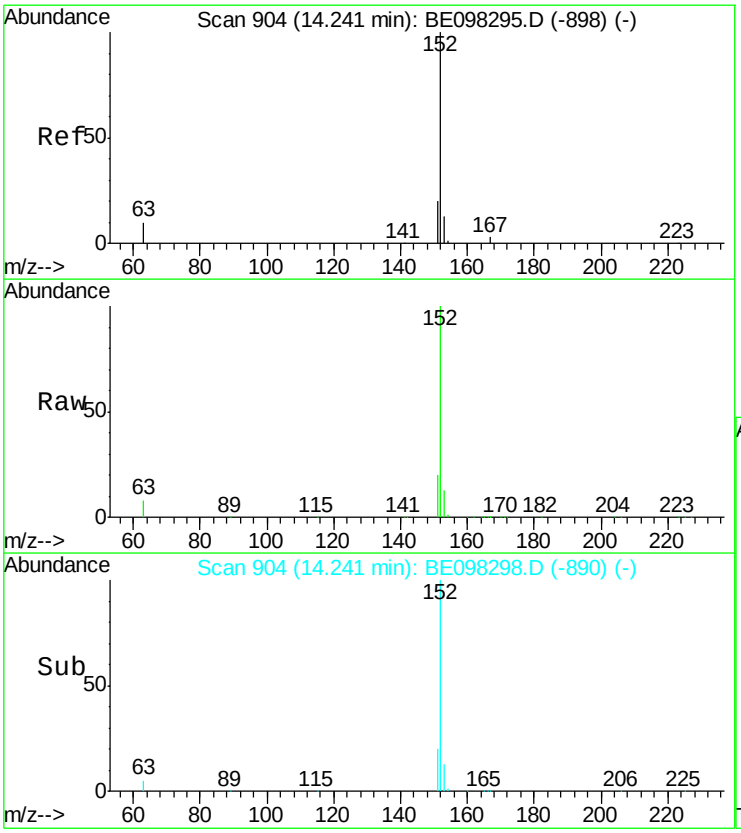

#15
2-Fluorobiphenyl
Concen: 3.102 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC3.2

Tgt Ion:172 Resp: 58958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 32.5 | 27.5 | 41.3 |
| 170 | 21.9 | 19.6 | 29.4 |

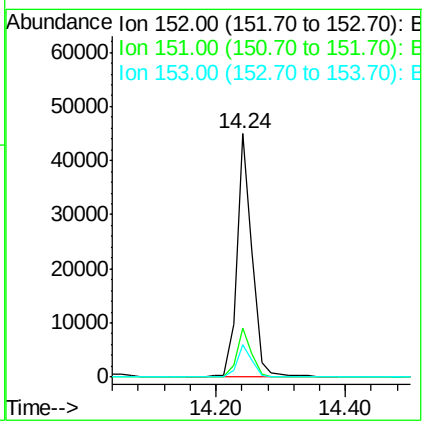


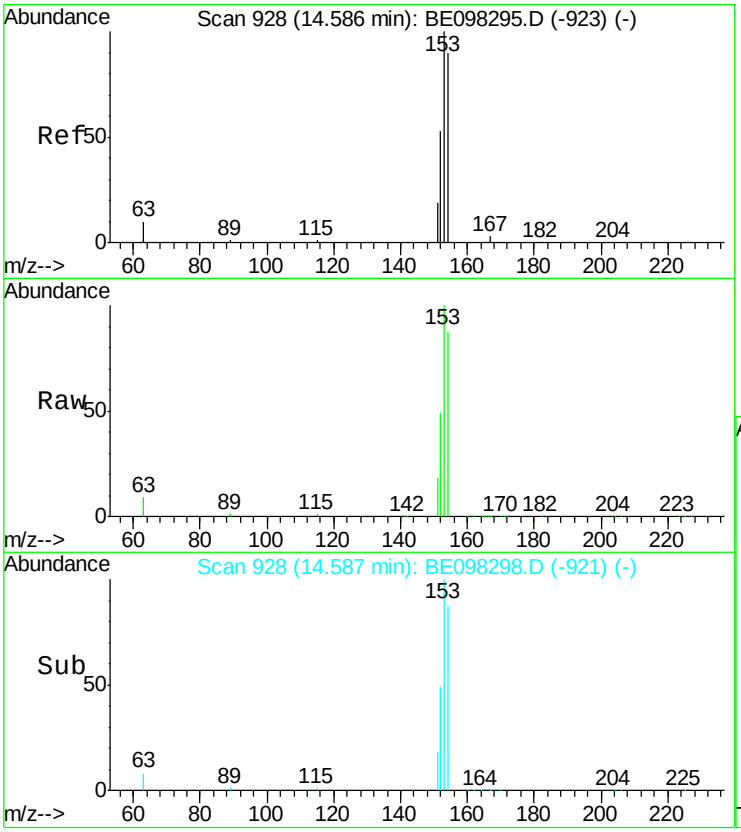




#16
Acenaphthylene
Concen: 3.360 ng
RT: 14.24 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:152 Resp: 71988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.8 | 15.5 | 23.3 |
| 153 | 13.0 | 10.6 | 16.0 |



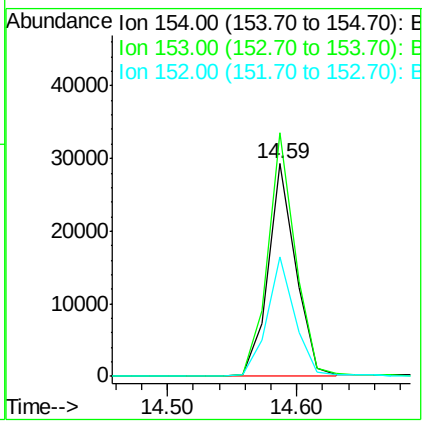


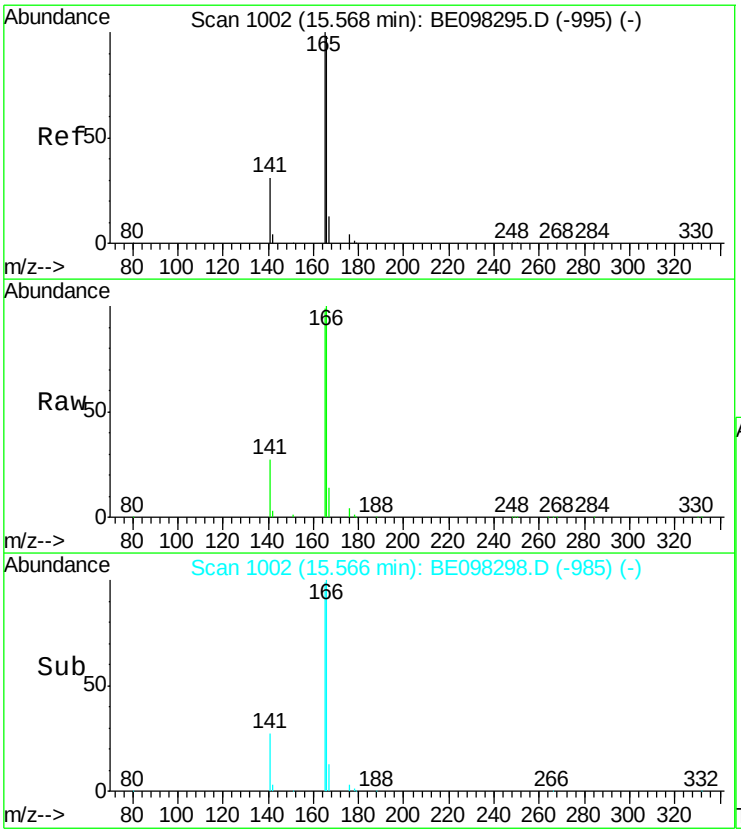

#17
Acenaphthene
Concen: 3.389 ng
RT: 14.59 min Scan# 928
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC3.2

Tgt Ion:154 Resp: 43264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.2 | 91.8 | 137.6 |
| 152 | 55.9 | 45.5 | 68.3 |

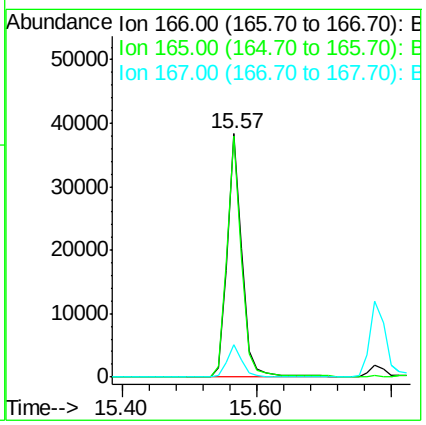


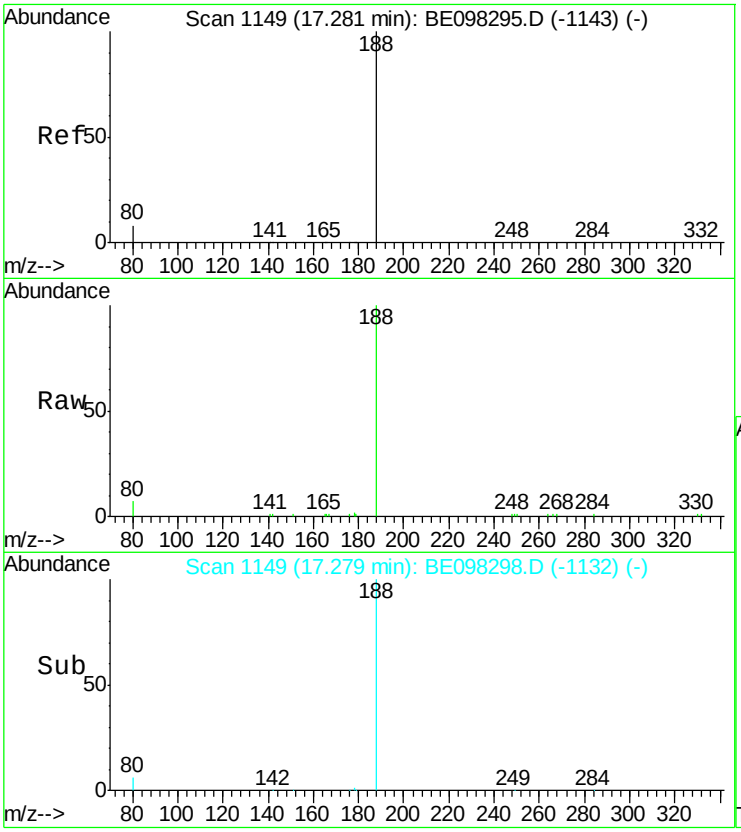




#18
Fluorene
Concen: 3.488 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:166 Resp: 59047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.5 | 79.3 | 118.9 |
| 167 | 13.4 | 11.3 | 16.9 |



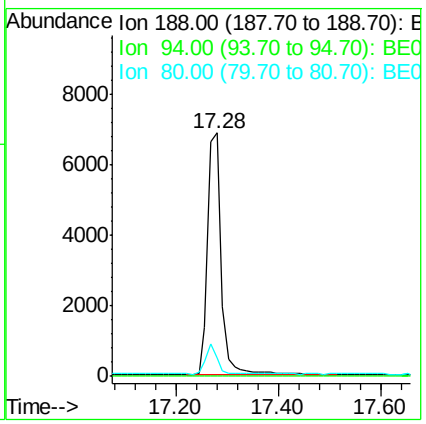


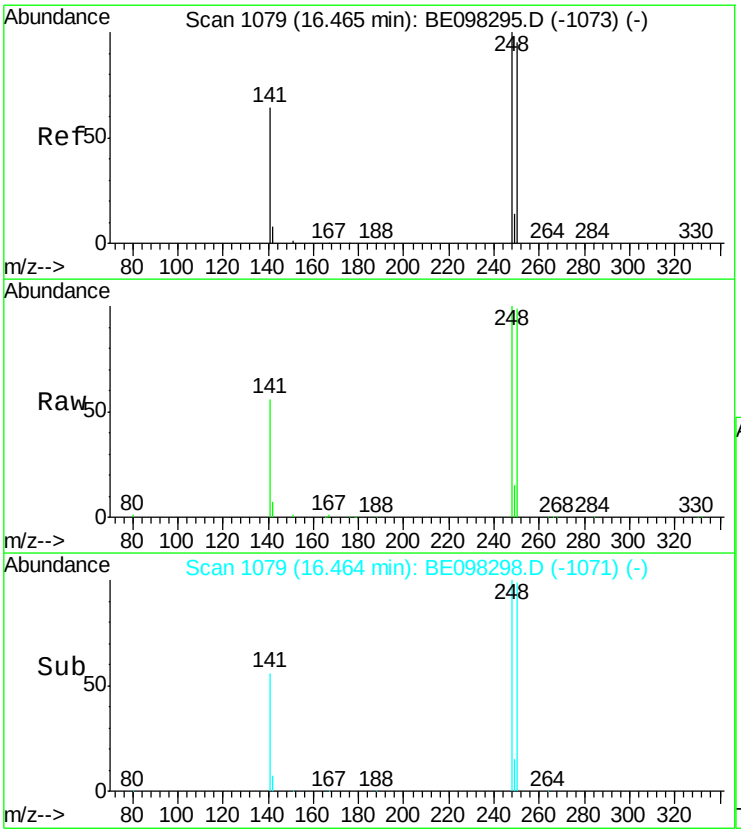

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC3.2

Tgt Ion:188 Resp: 12739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 7.5 | 7.2 | 10.8 |

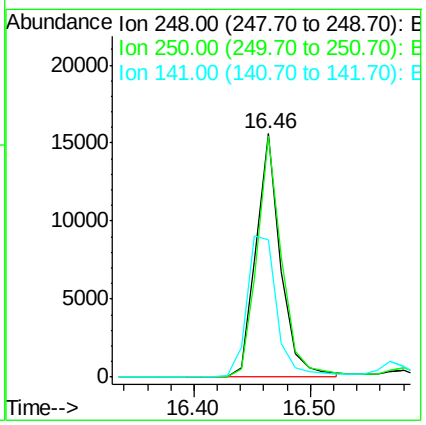


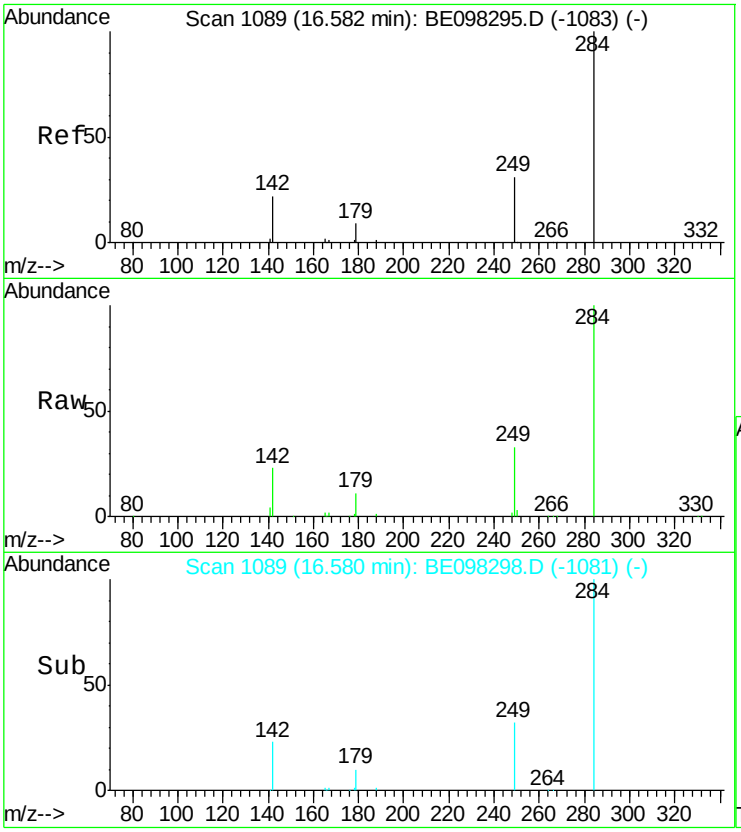




#20
4-Bromophenyl-phenylether
Concen: 3.180 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:248 Resp: 22926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 99.3 | 71.0 | 106.6 |
| 141 | 56.3 | 62.1 | 93.1# |



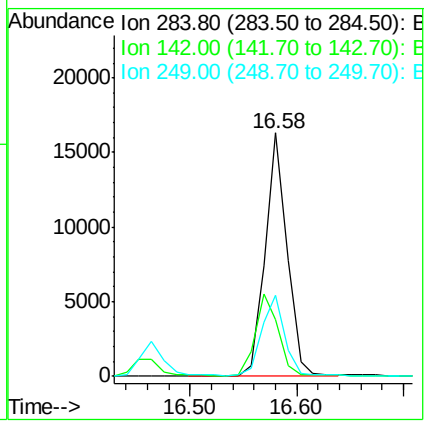


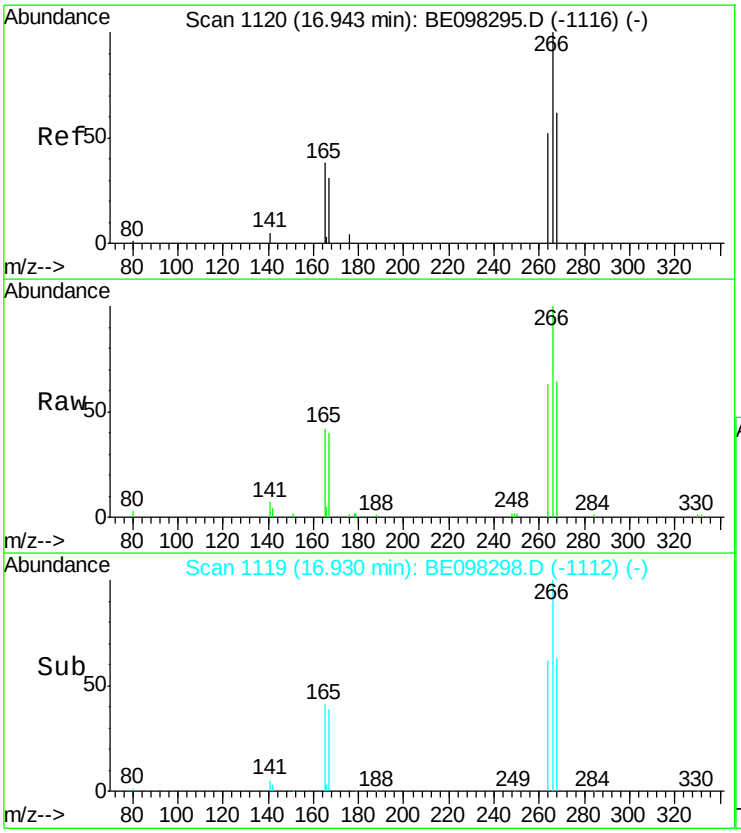

#21
Hexachlorobenzene
Concen: 3.119 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC3.2

Tgt Ion:284 Resp: 23261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 34.8 | 26.3 | 39.5 |
| 249 | 34.0 | 26.0 | 39.0 |

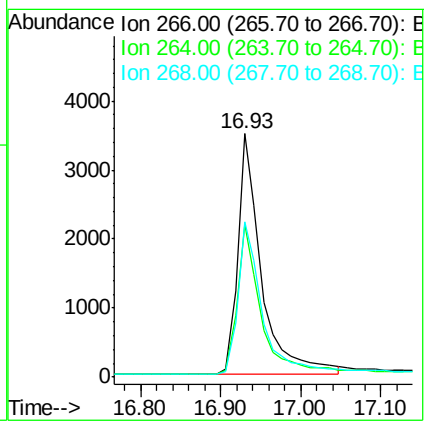


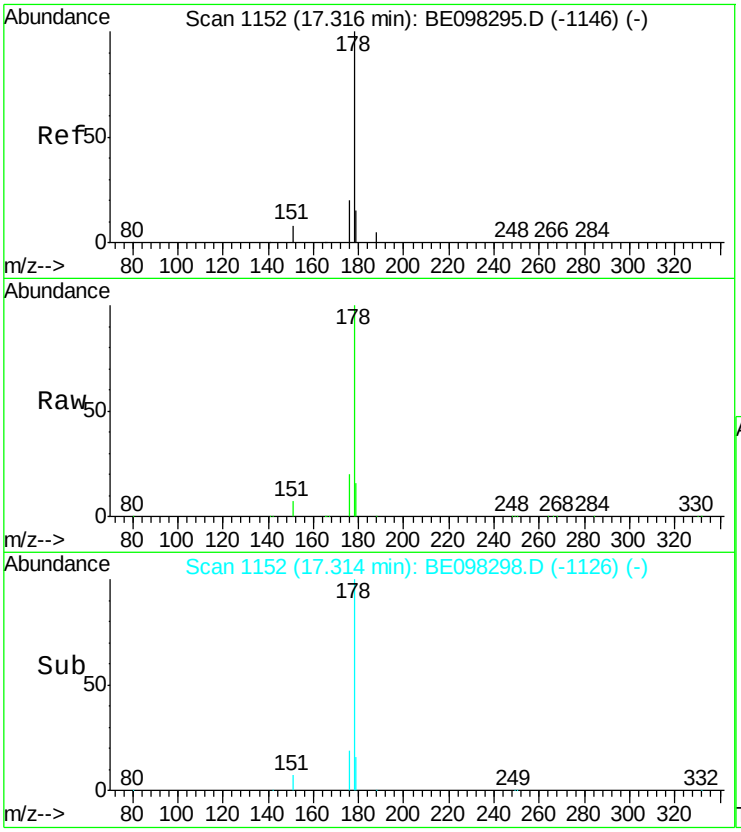




#22
Pentachlorophenol
Concen: 2.944 ng
RT: 16.93 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:266 Resp: 7116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 62.8 | 59.0 | 88.4 |
| 268 | 63.8 | 55.1 | 82.7 |



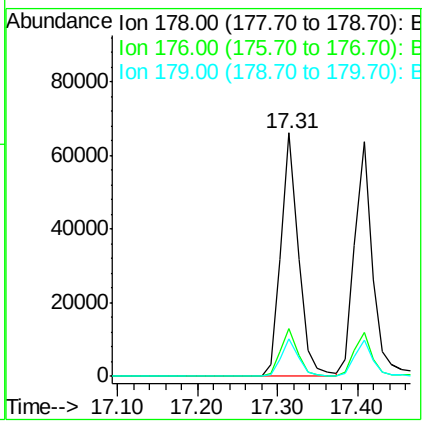


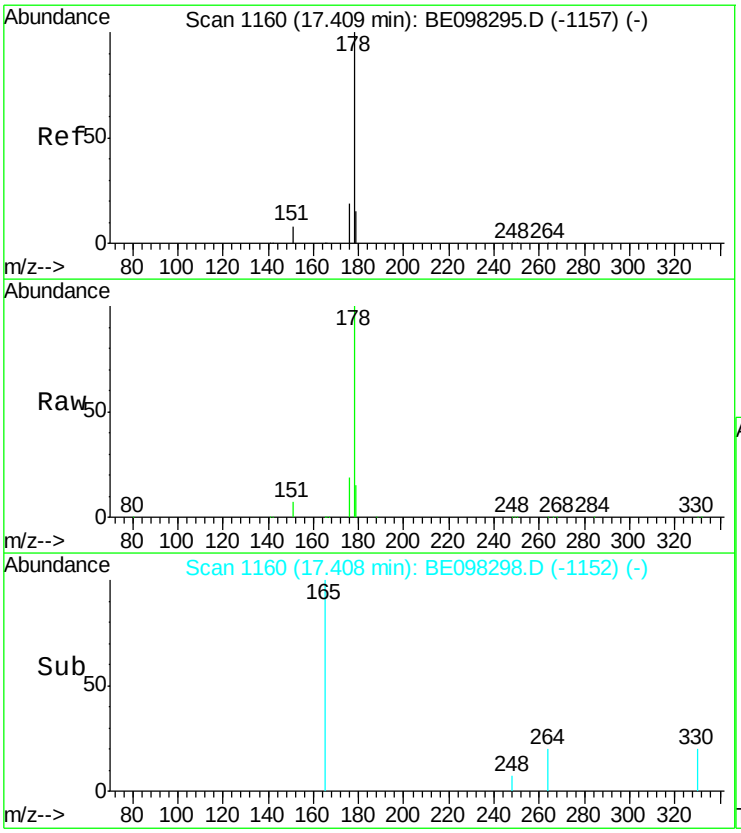

#23
Phenanthrene
Concen: 3.176 ng
RT: 17.31 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC3.2

Tgt Ion:178 Resp: 100477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.5 | 15.9 | 23.9 |
| 179 | 15.4 | 12.3 | 18.5 |

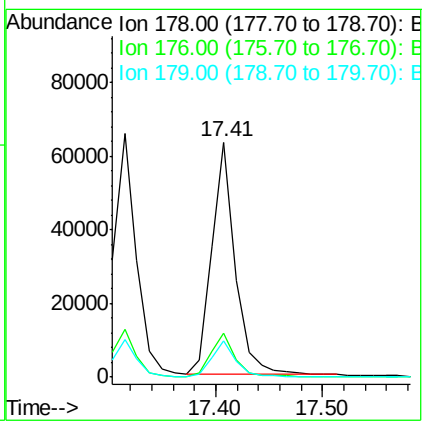


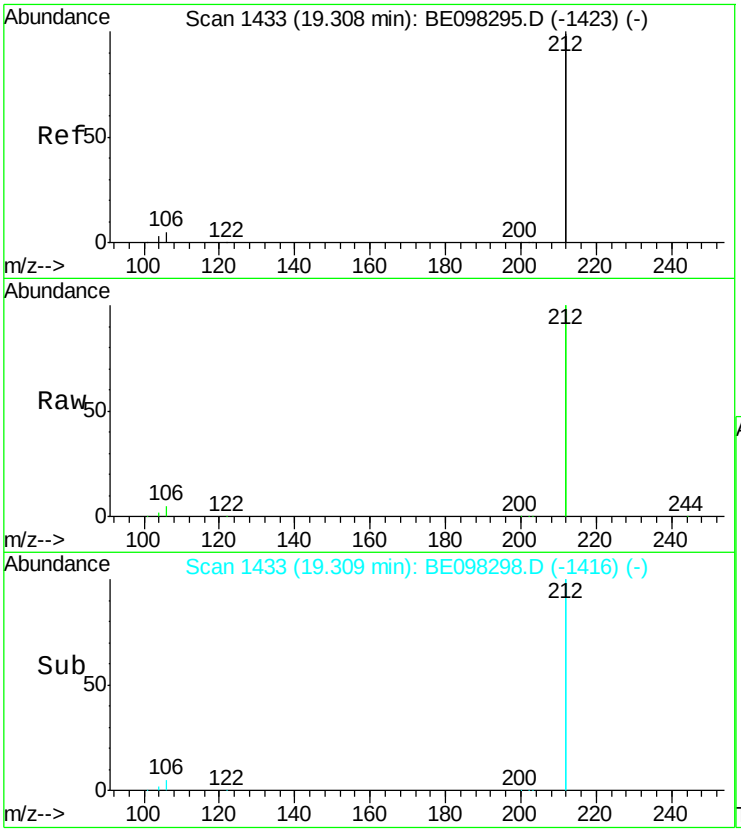




#24
Anthracene
Concen: 3.291 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:178 Resp: 96977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 15.0 | 22.4 |
| 179 | 15.4 | 12.3 | 18.5 |



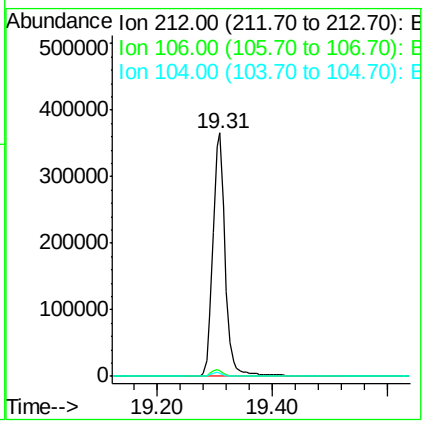


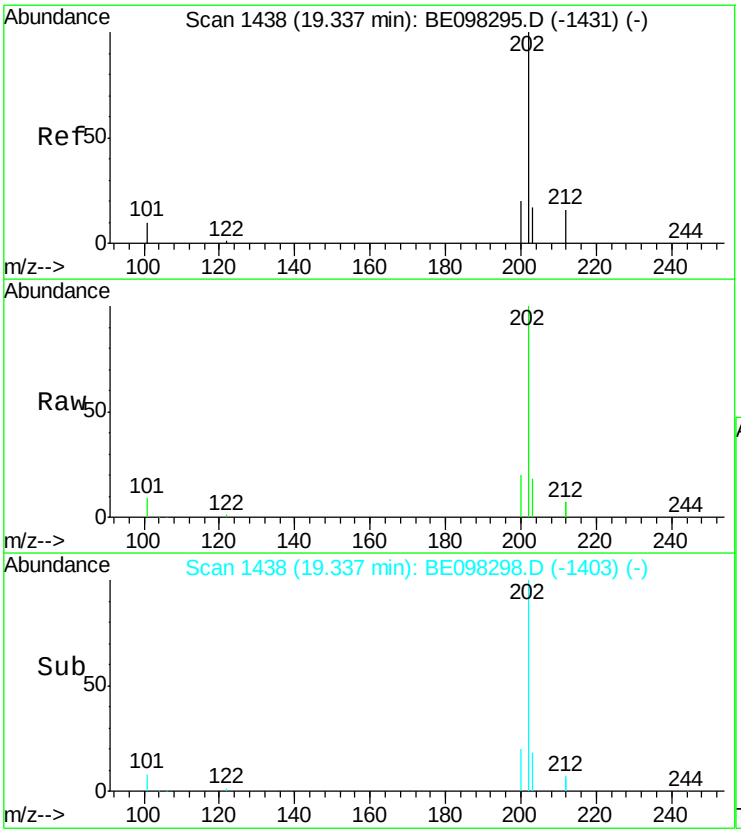

#25
Fluoranthene-d10
Concen: 3.152 ng
RT: 19.31 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC3.2

Tgt Ion:212 Resp: 541775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 2.7 | 2.2 | 3.2 |
| 104 | 1.5 | 1.3 | 1.9 |

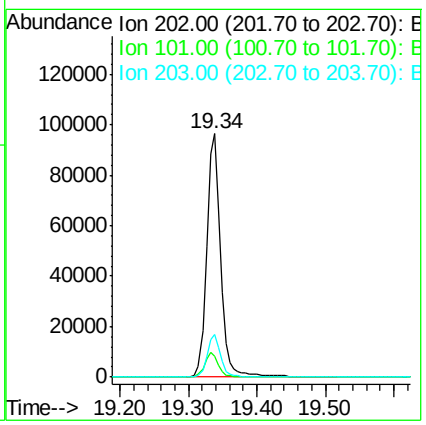


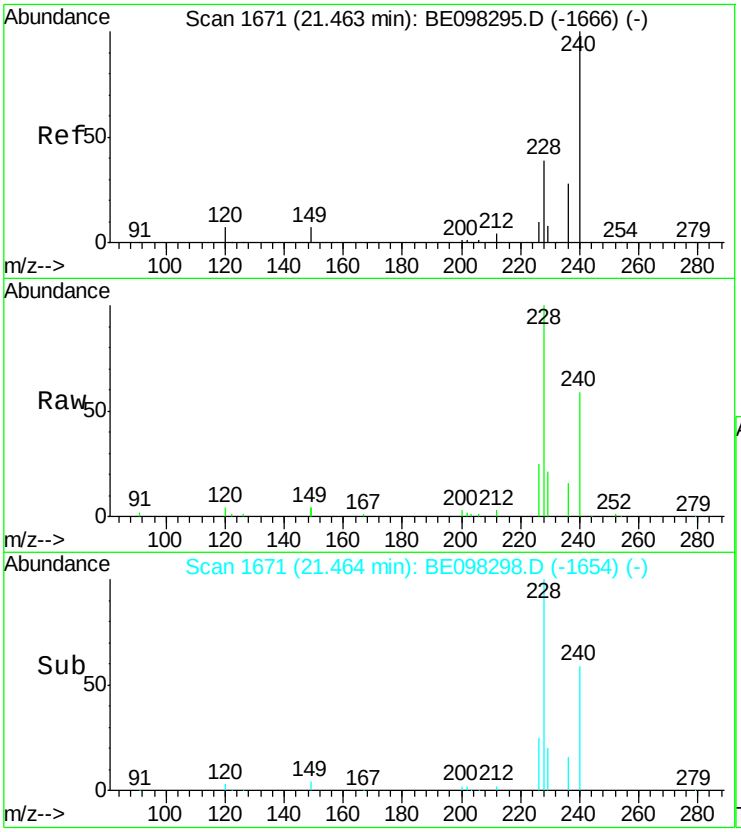




#26
Fluoranthene
Concen: 3.153 ng
RT: 19.34 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:202 Resp: 136156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.9 | 8.0 | 12.0 |
| 203 | 17.1 | 13.8 | 20.6 |



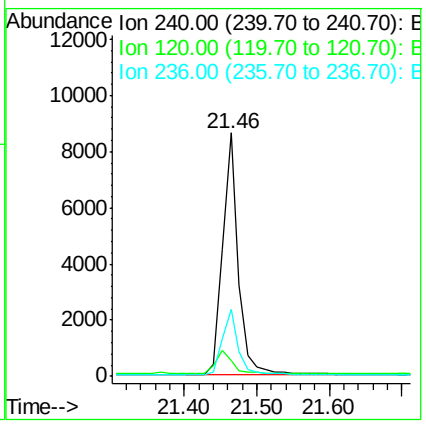


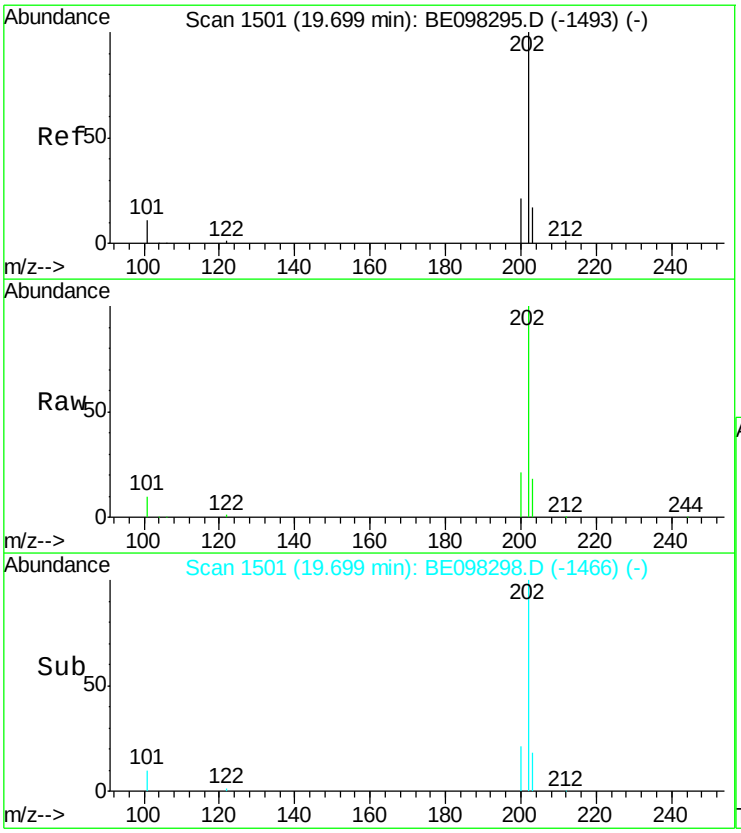

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC3.2

Tgt Ion:240 Resp: 13270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.6 | 9.5 | 14.3# |
| 236 | 27.3 | 22.7 | 34.1 |

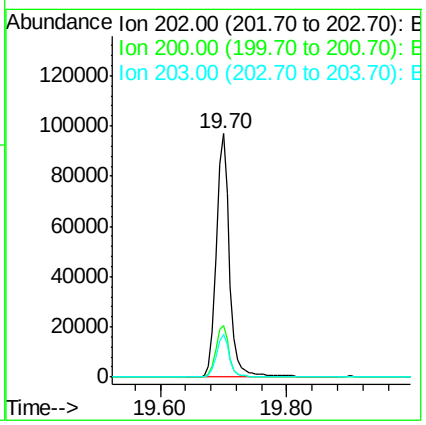


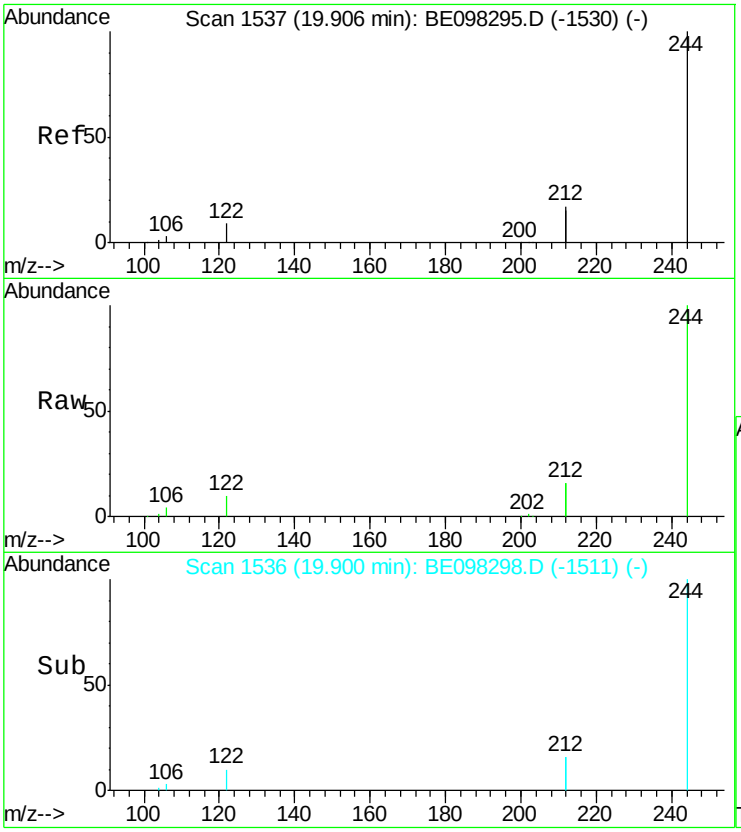




#28
Pyrene
Concen: 3.759 ng
RT: 19.70 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:202 Resp: 138179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.5 | 16.7 | 25.1 |
| 203 | 17.6 | 14.1 | 21.1 |



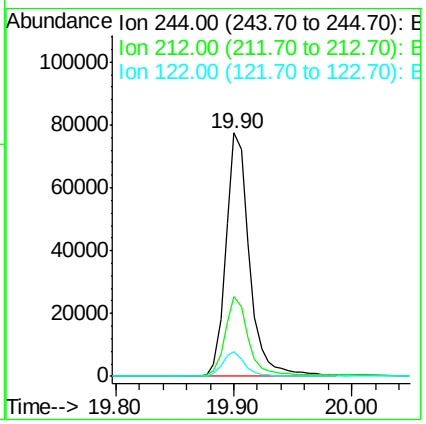


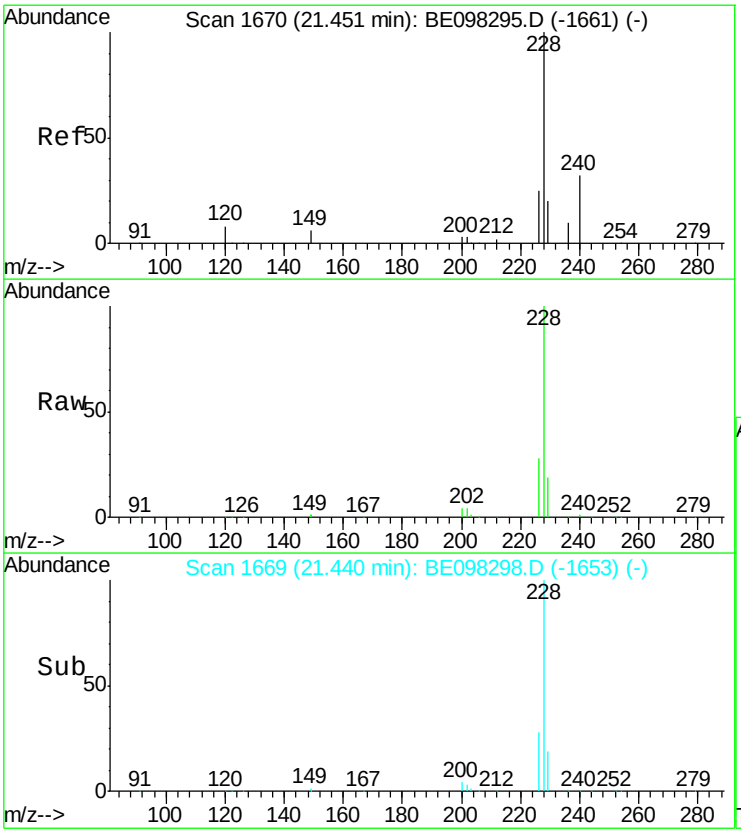

#29
Terphenyl-d14
Concen: 3.565 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC3.2

Tgt Ion:244 Resp: 106373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 32.8 | 27.4 | 41.0 |
| 122 | 10.0 | 8.3 | 12.5 |

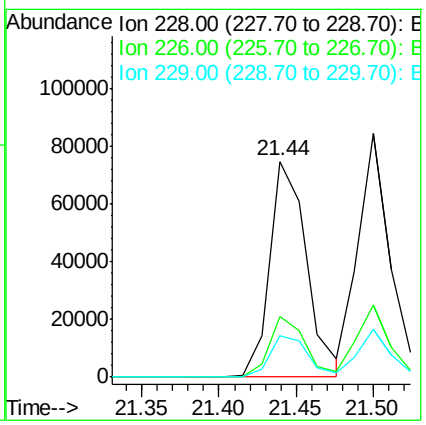


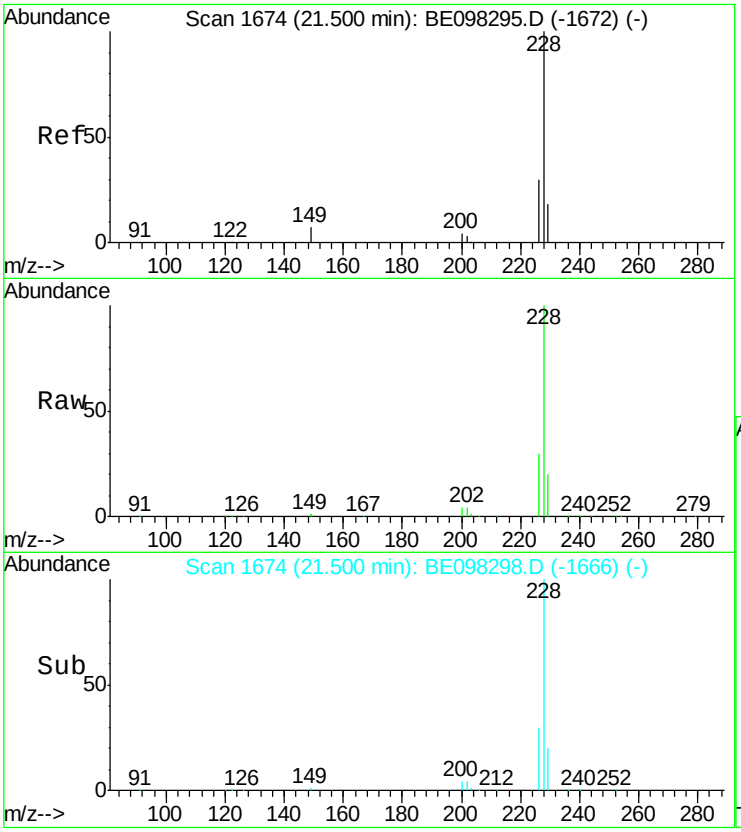




#30
Benzo(a)anthracene
Concen: 3.183 ng
RT: 21.44 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:228 Resp: 124398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.1 | 21.8 | 32.8 |
| 229 | 19.4 | 16.3 | 24.5 |



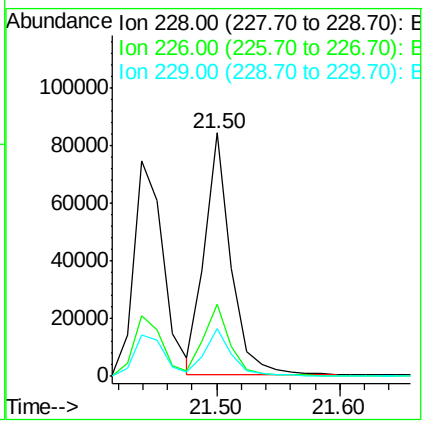


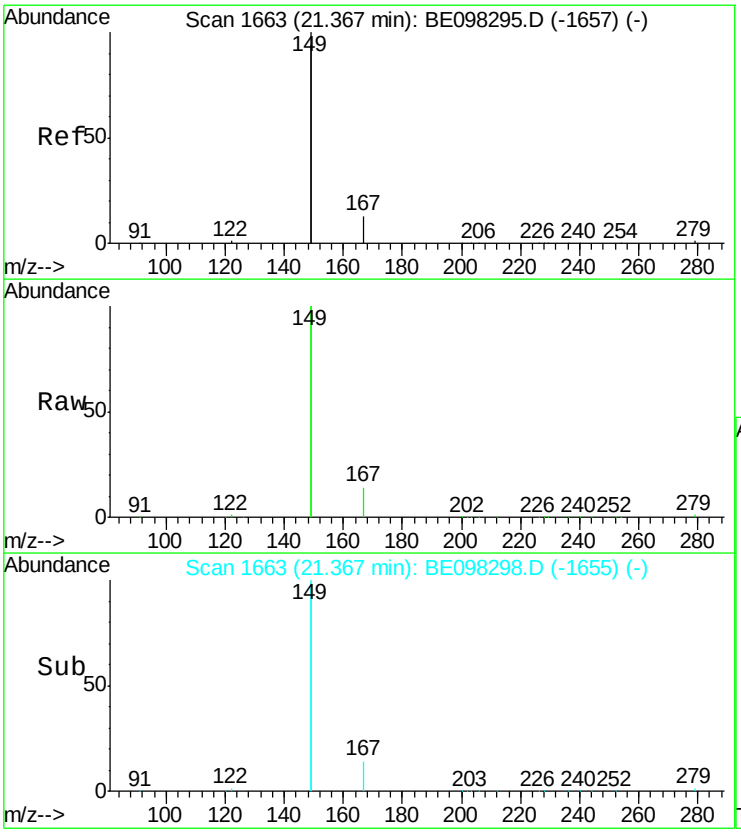

#31
Chrysene
Concen: 3.123 ng
RT: 21.50 min Scan# 1674
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC3.2

Tgt Ion:228 Resp: 123960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.7 | 23.4 | 35.0 |
| 229 | 19.8 | 16.2 | 24.4 |

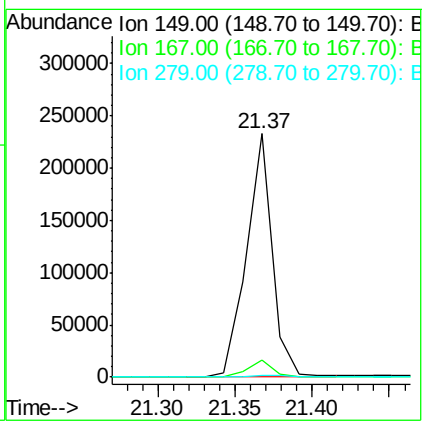


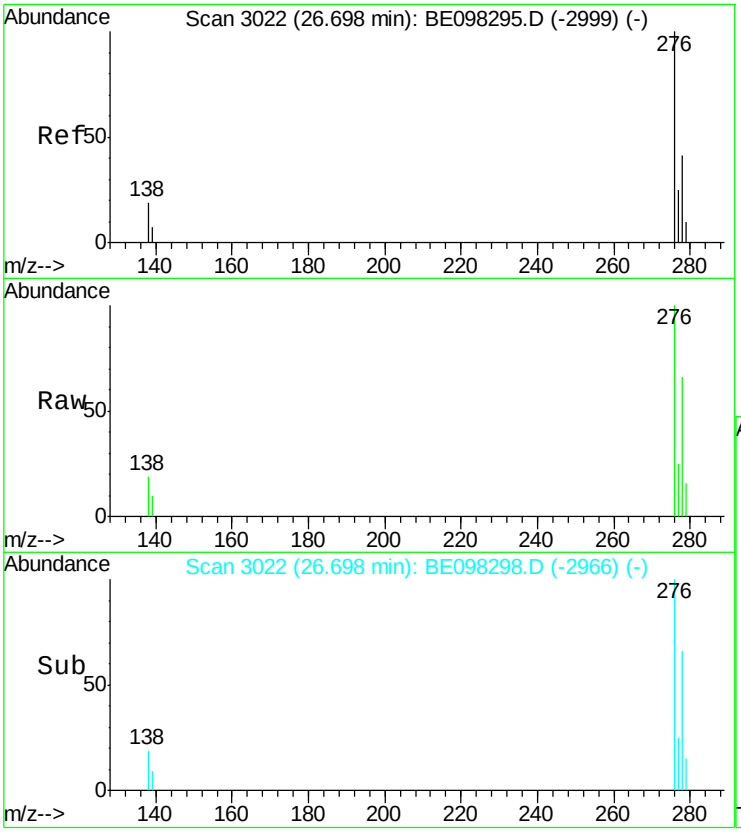




#32
Bis(2-ethylhexyl)phthalate
Concen: 2.840 ng
RT: 21.37 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:149 Resp: 265768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 6.9 | 5.7 | 8.5 |
| 279 | 1.0 | 1.0 | 1.4 |



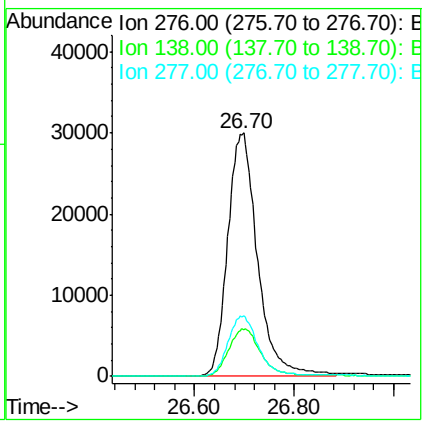


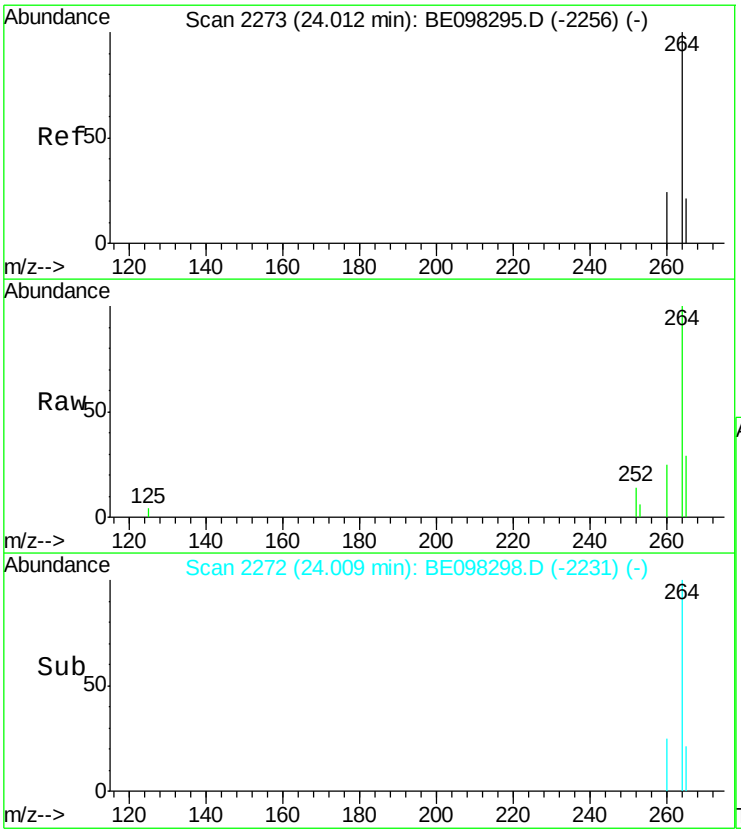

#33
Indeno(1,2,3-cd)pyrene
Concen: 3.093 ng
RT: 26.70 min Scan# 3022
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC3.2

Tgt Ion:276 Resp: 124120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 20.5 | 16.3 | 24.5 |
| 277 | 25.0 | 20.2 | 30.4 |

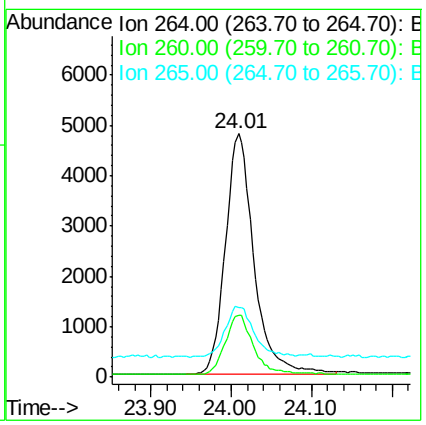


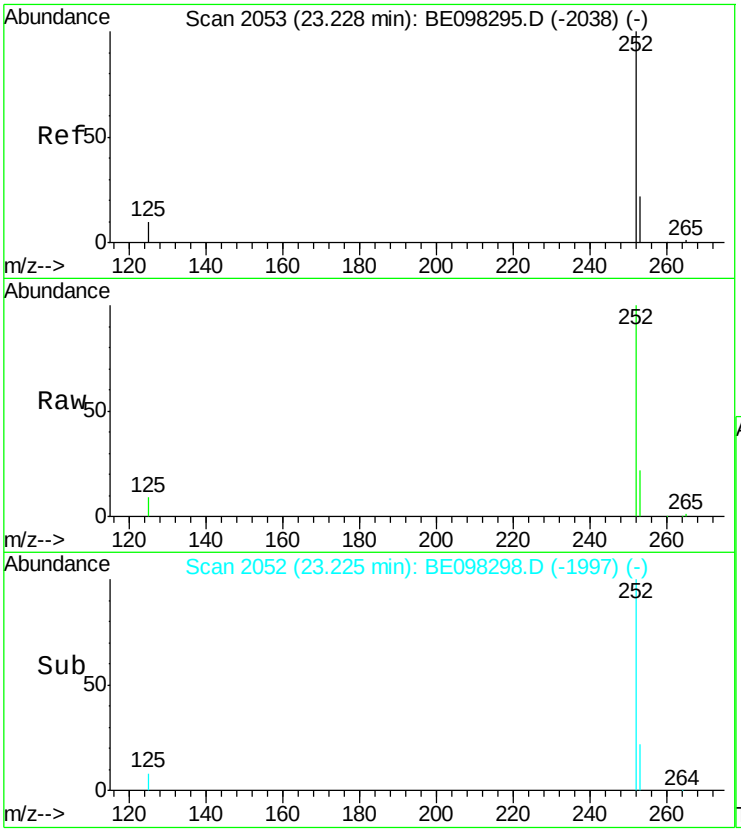




#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:264 Resp: 11714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.3 | 20.2 | 30.2 |
| 265 | 28.8 | 25.2 | 37.8 |



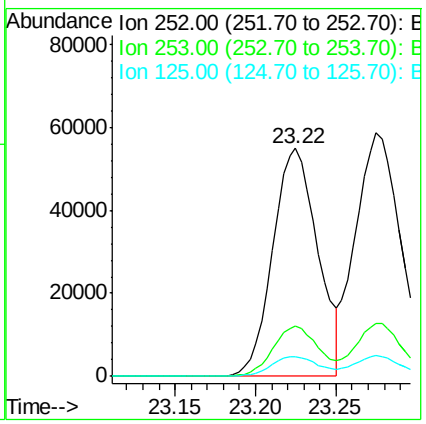


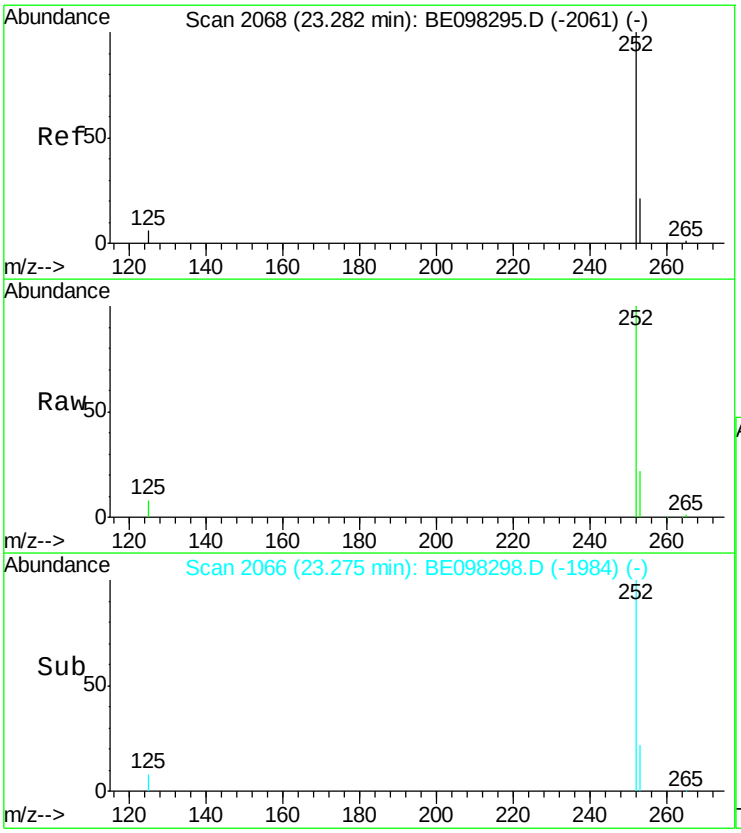

#35
Benzo(b)fluoranthene
Concen: 3.099 ng
RT: 23.22 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC3.2

Tgt Ion:252 Resp: 106429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 20.0 | 30.0 |
| 125 | 8.5 | 9.6 | 14.4# |

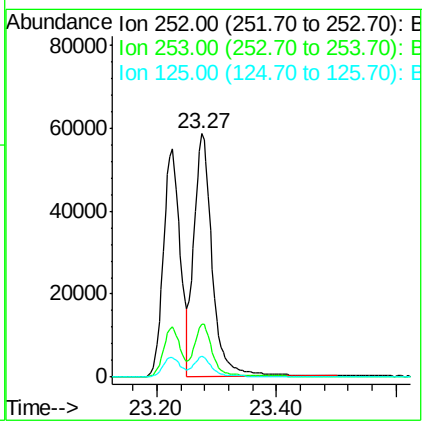


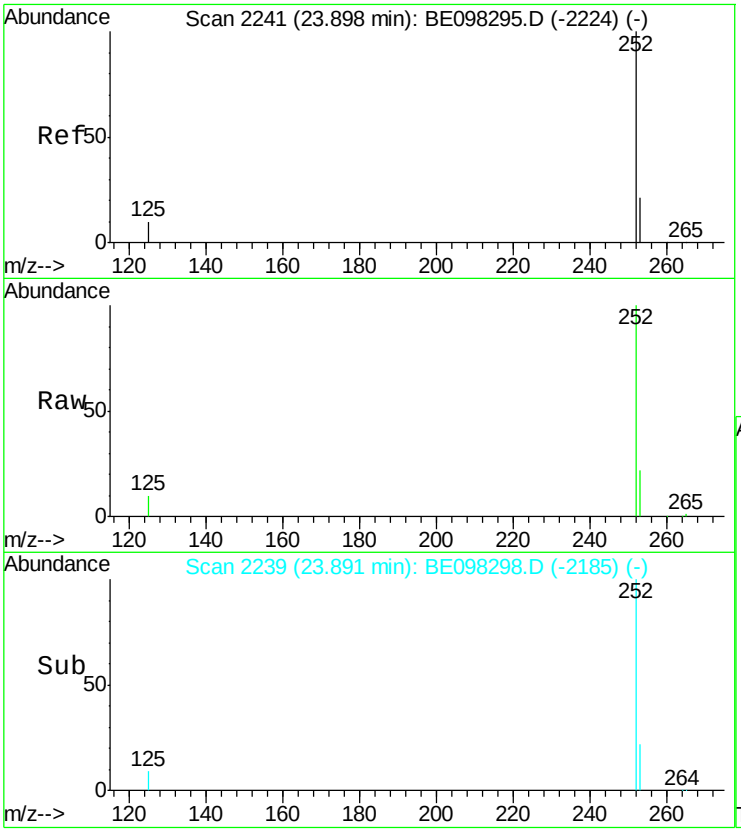




#36
Benzo(k)fluoranthene
Concen: 3.424 ng
RT: 23.27 min Scan# 2066
Delta R.T. -0.01 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:252 Resp: 123474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 19.0 | 28.6 |
| 125 | 8.4 | 9.1 | 13.7# |



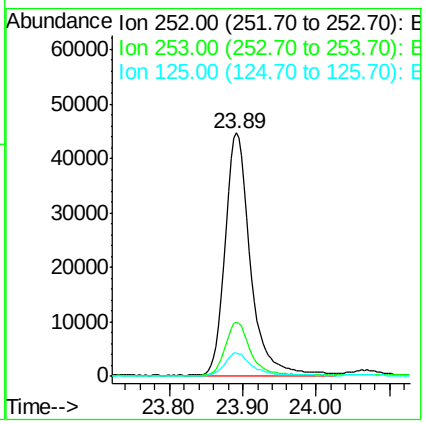


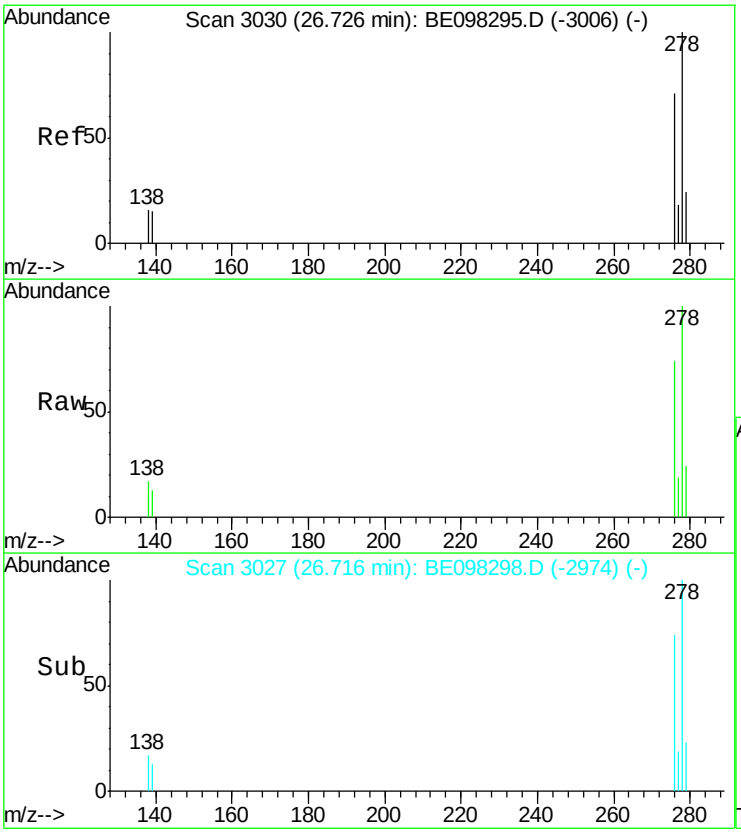

#37
Benzo(a)pyrene
Concen: 3.258 ng
RT: 23.89 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC3.2

Tgt Ion:252 Resp: 107773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 20.6 | 30.8 |
| 125 | 9.5 | 10.5 | 15.7# |

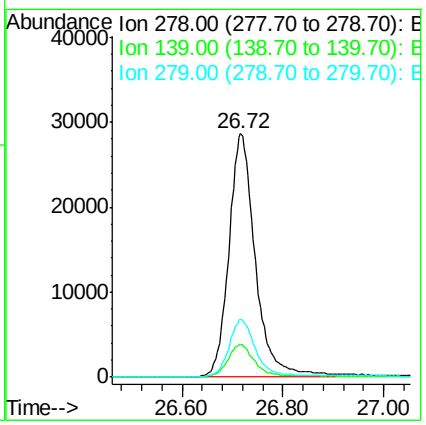


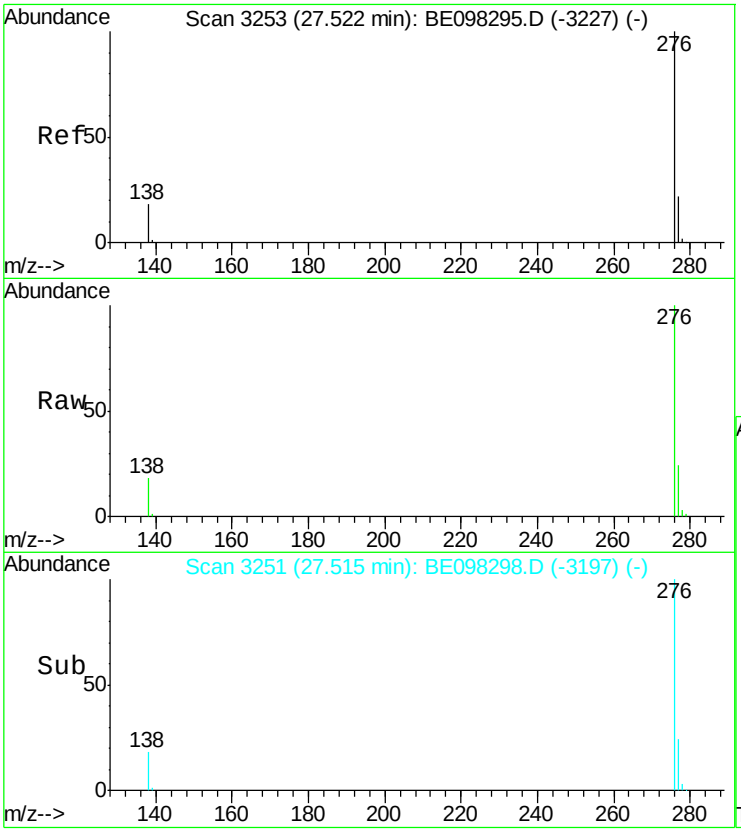




#38
Dibenzo(a,h)anthracene
Concen: 3.313 ng
RT: 26.72 min Scan# 3027
Delta R.T. -0.01 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:278 Resp: 103923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 13.3 | 14.5 | 21.7# |
| 279 | 23.7 | 21.8 | 32.8 |






#39
Benzo(g,h,i)perylene
Concen: 3.286 ng
RT: 27.52 min Scan# 3251
Delta R.T. -0.01 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC3.2

Tgt Ion:276 Resp: 103283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.0 | 20.8 | 31.2 |
| 138 | 17.9 | 15.8 | 23.6 |