Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE020720\
Data File : BE101136.D
Acq On : 7 Feb 2020 13:57
Operator : CG/JU
Sample : PB126655BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** PB126655BS

Quant Time: Feb 07 15:24:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.70 | 152 | 1431 | 0.40 | ng | | -0.03 |
| 7) Naphthalene-d8 | 10.48 | 136 | 5612 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.34 | 164 | 3516 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.08 | 188 | 7882 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.27 | 240 | 8683 | 0.40 | ng | | -0.01 |
| 34) Perylene-d12 | 23.68 | 264 | 12328 | 0.40 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.32 | 112 | 1278 | 0.40 | ng | | -0.02 |
| 5) Phenol-d6 | 6.91 | 99 | 1564 | 0.38 | ng | | -0.01 |
| 8) Nitrobenzene-d5 | 8.87 | 82 | 2081 | 0.52 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.09 | 152 | 4146 | 0.39 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 15.84 | 330 | 218 | 0.22 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 12.99 | 172 | 6993 | 0.52 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 19.11 | 212 | 40340 | 0.37 | ng | | -0.02 |
| 29) Terphenyl-d14 | 19.72 | 244 | 9822 | 0.46 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.26 | 88 | 1146 | 0.301 | ng | # | 37 |
| 3) n-Nitrosodimethylamine | 3.58 | 42 | 922 | 0.464 | ng | # | 90 |
| 6) bis(2-Chloroethyl)ether | 7.15 | 93 | 1301 | 0.268 | ng | # | 90 |
| 9) Naphthalene | 10.54 | 128 | 24428 | 0.392 | ng | # | 98 |
| 10) Hexachlorobutadiene | 10.82 | 225 | 1038 | 0.393 | ng | | 98 |
| 12) 2-Methylnaphthalene | 12.17 | 142 | 3222 | 0.342 | ng | | 99 |
| 16) Acenaphthylene | 14.07 | 152 | 5712 | 0.399 | ng | | 98 |
| 17) Acenaphthene | 14.40 | 154 | 3692 | 0.360 | ng | | 100 |
| 18) Fluorene | 15.38 | 166 | 4623 | 0.357 | ng | | 98 |
| 20) 4-Bromophenyl-phenylether | 16.29 | 248 | 1418 | 0.369 | ng | | 97 |
| 21) Hexachlorobenzene | 16.39 | 284 | 1528 | 0.362 | ng | | 96 |
| 22) Pentachlorophenol | 16.75 | 266 | 17 | 0.261 | ng | # | 73 |
| 23) Phenanthrene | 17.12 | 178 | 7257 | 0.337 | ng | | 100 |
| 24) Anthracene | 17.22 | 178 | 8071 | 0.397 | ng | | 98 |
| 26) Fluoranthene | 19.14 | 202 | 10064 | 0.373 | ng | | 100 |
| 28) Pyrene | 19.51 | 202 | 10394 | 0.322 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.24 | 228 | 9421 | 0.380 | ng | | 99 |
| 31) Chrysene | 21.31 | 228 | 13841 | 0.376 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.18 | 149 | 22146 | 0.536 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 26.24 | 276 | 15035 | 0.517 | ng | # | 86 |
| 35) Benzo(b)fluoranthene | 22.95 | 252 | 10891 | 0.315 | ng | | 97 |
| 36) Benzo(k)fluoranthene | 23.00 | 252 | 16072 | 0.321 | ng | | 100 |
| 37) Benzo(a)pyrene | 23.58 | 252 | 13510 | 0.404 | ng | | 99 |
| 38) Dibenzo(a,h)anthracene | 26.26 | 278 | 12412 | 0.404 | ng | | 95 |
| 39) Benzo(g,h,i)perylene | 27.01 | 276 | 14479 | 0.383 | ng | | 98 |

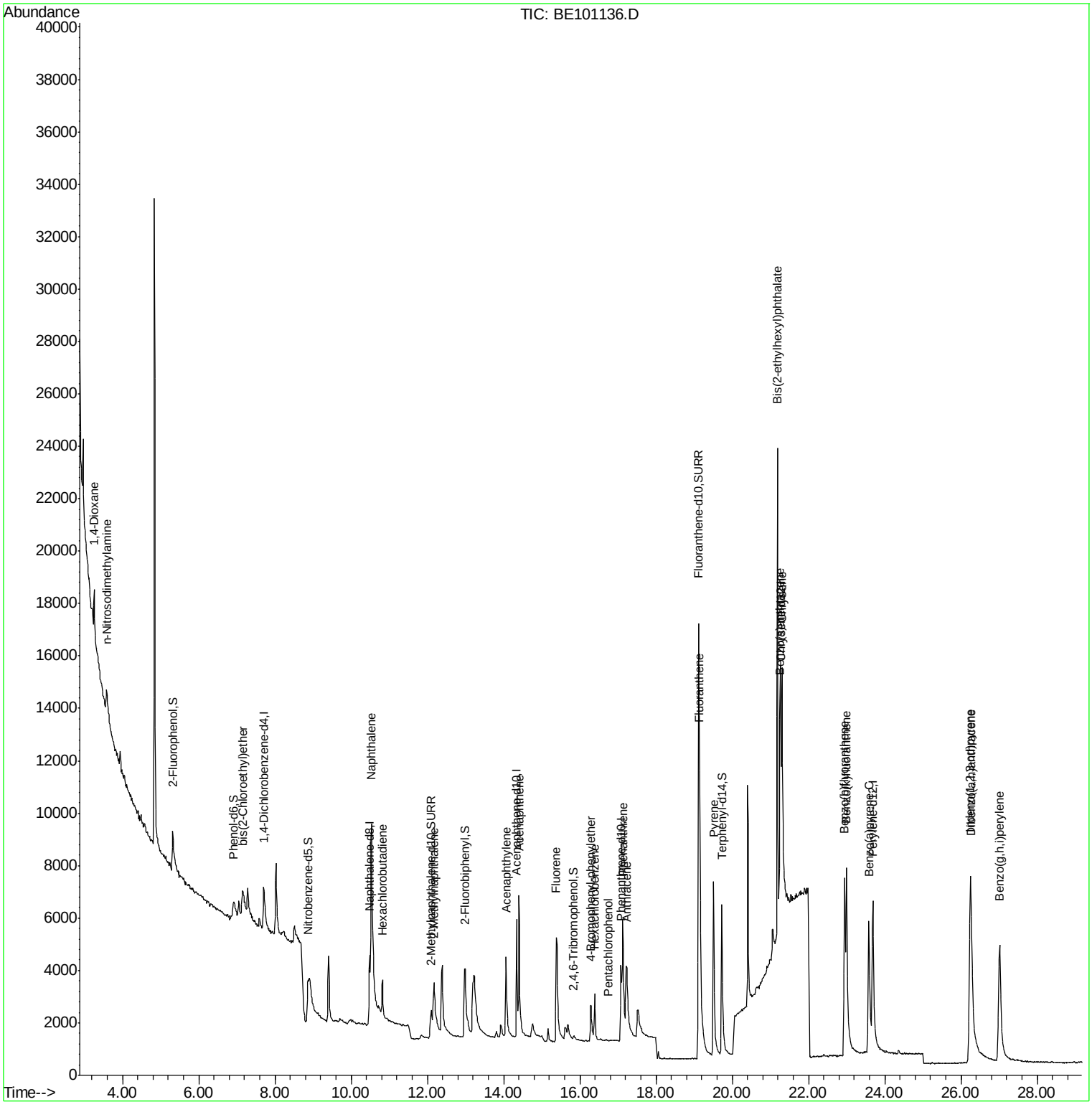
(#) = qualifier out of range (m) = manual integration (+) = signals summed

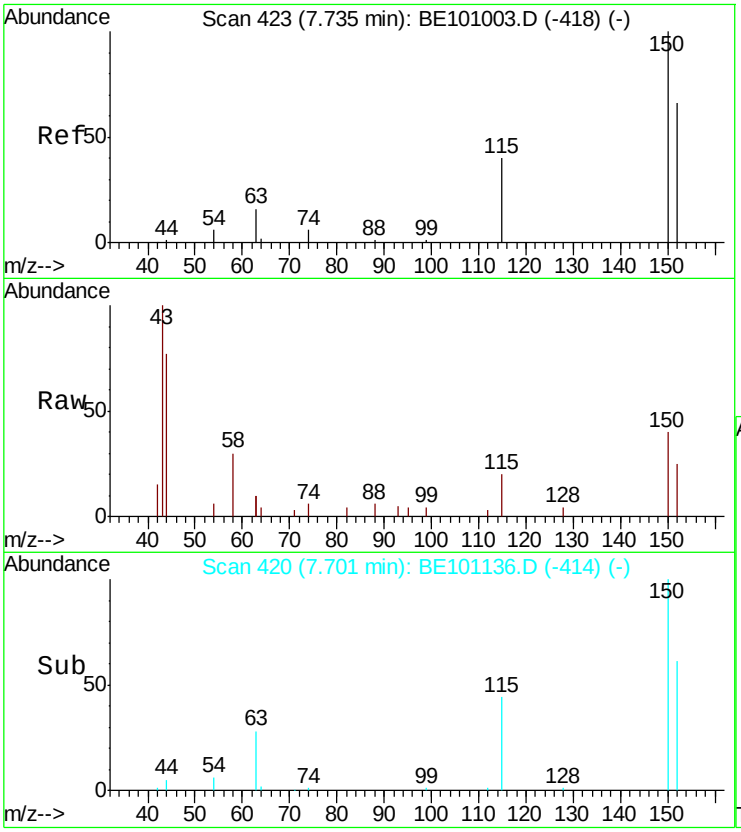
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE020720\
Data File : BE101136.D
Acq On : 7 Feb 2020 13:57
Operator : CG/JU
Sample : PB126655BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
PB126655BS

Quant Time: Feb 07 15:24:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration



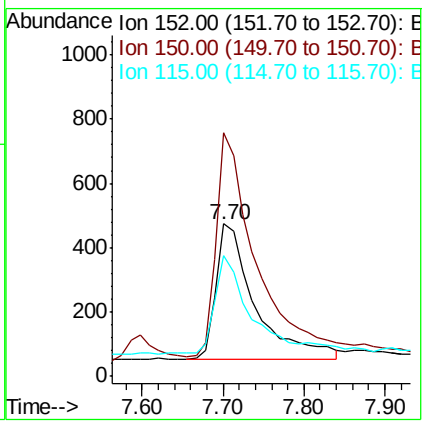


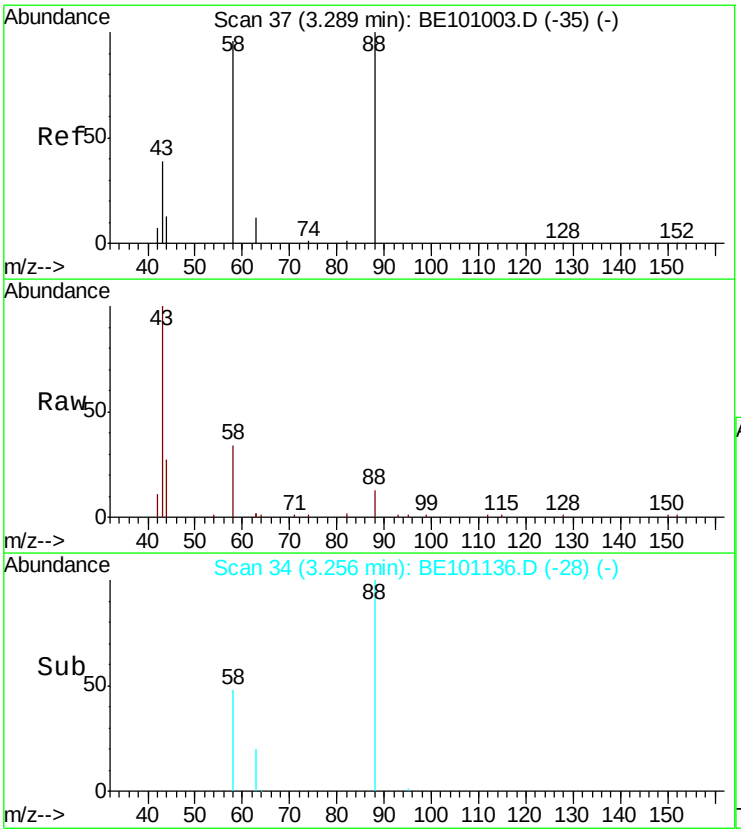

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 420
Delta R.T. -0.03 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

**Instrument :**
BNA_E
**ClientSampleId :**
PB126655BS

Tgt Ion:152 Resp: 1431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 160.0 | 120.3 | 180.5 |
| 115 | 79.7 | 51.7 | 77.5# |

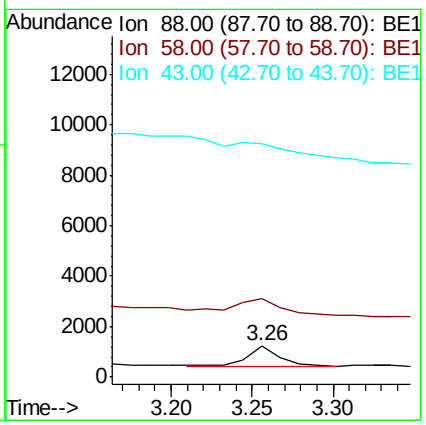


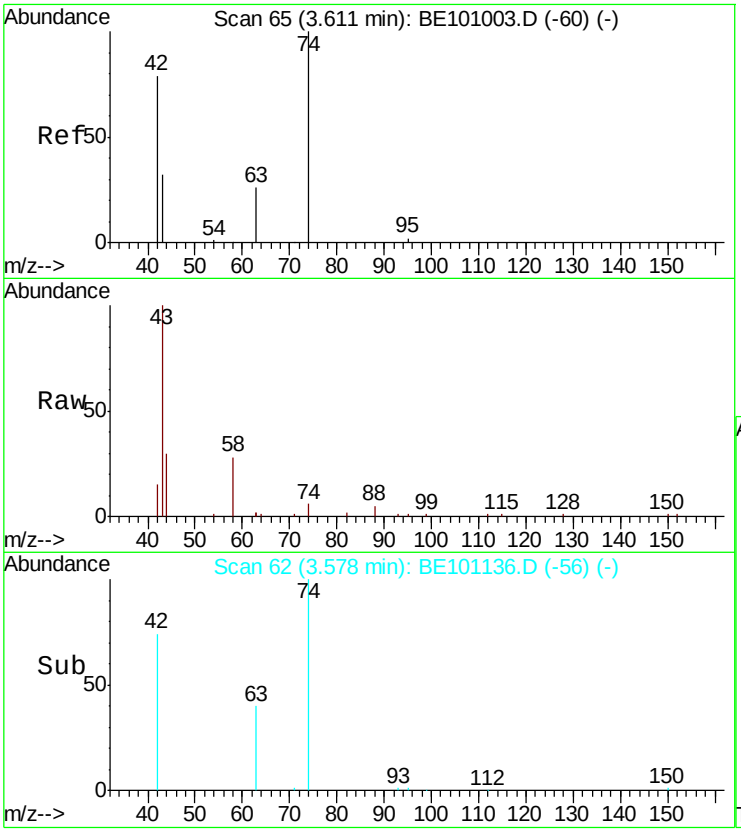




#2
1,4-Dioxane
Concen: 0.301 ng
RT: 3.26 min Scan# 34
Delta R.T. -0.03 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

Tgt Ion: 88 Resp: 1146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 119.1 | 53.0 | 79.4# |
| 43 | 0.0 | 23.4 | 35.2# |



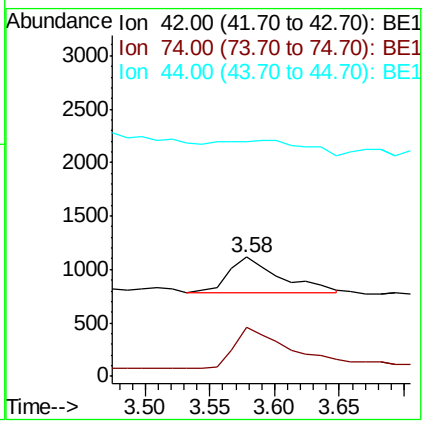


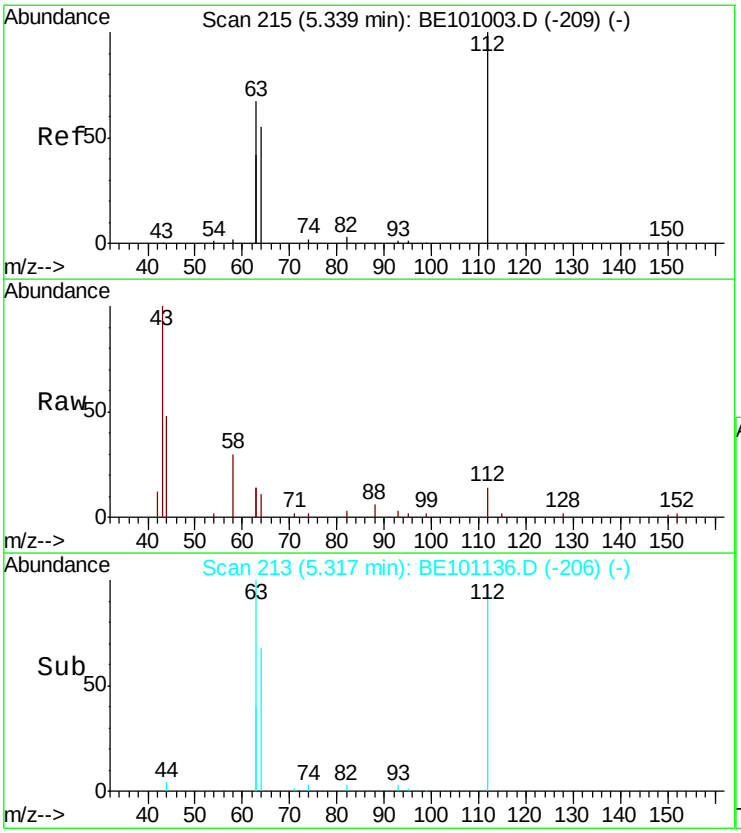

#3
n-Nitrosodimethylamine
Concen: 0.464 ng
RT: 3.58 min Scan# 62
Delta R.T. -0.03 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

**Instrument :**
BNA_E
**ClientSampleId :**
PB126655BS

Tgt Ion: 42 Resp: 922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 122.3 | 105.7 | 158.5 |
| 44 | 0.0 | 10.0 | 15.0# |

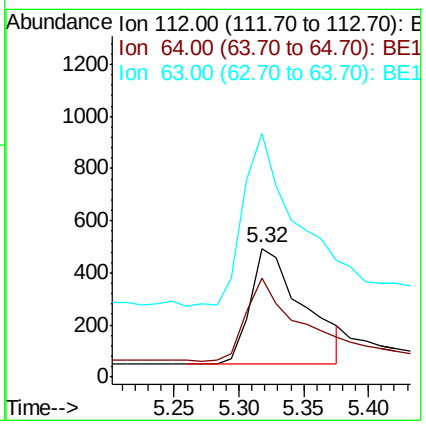


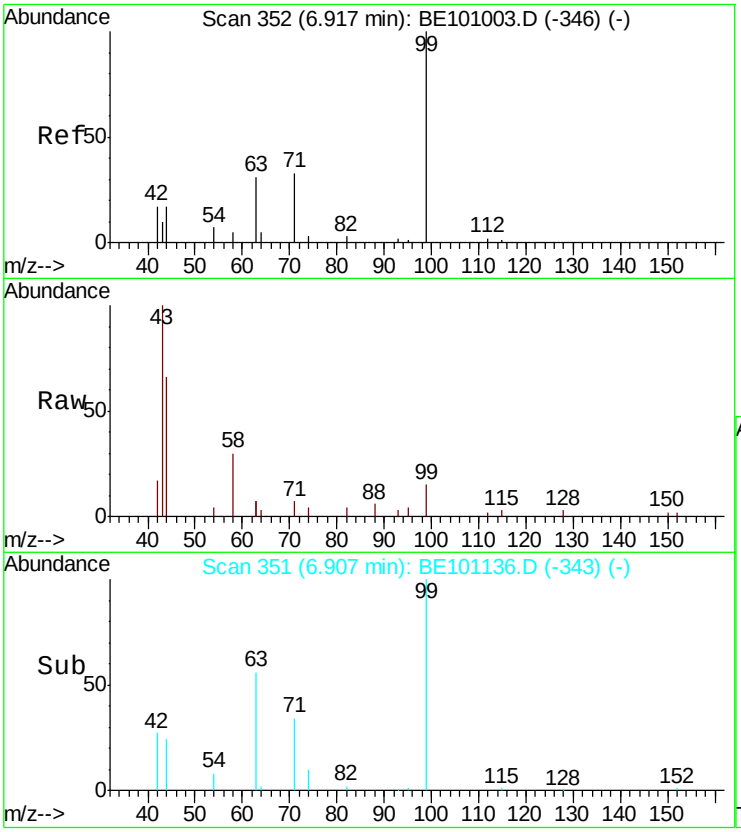




#4
2-Fluorophenol
Concen: 0.397 ng
RT: 5.32 min Scan# 213
Delta R.T. -0.02 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

Tgt Ion:112 Resp: 1278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 67.5 | 53.6 | 80.4 |
| 63 | 150.9 | 114.6 | 172.0 |



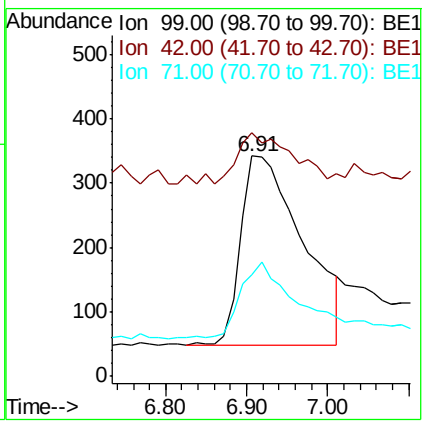


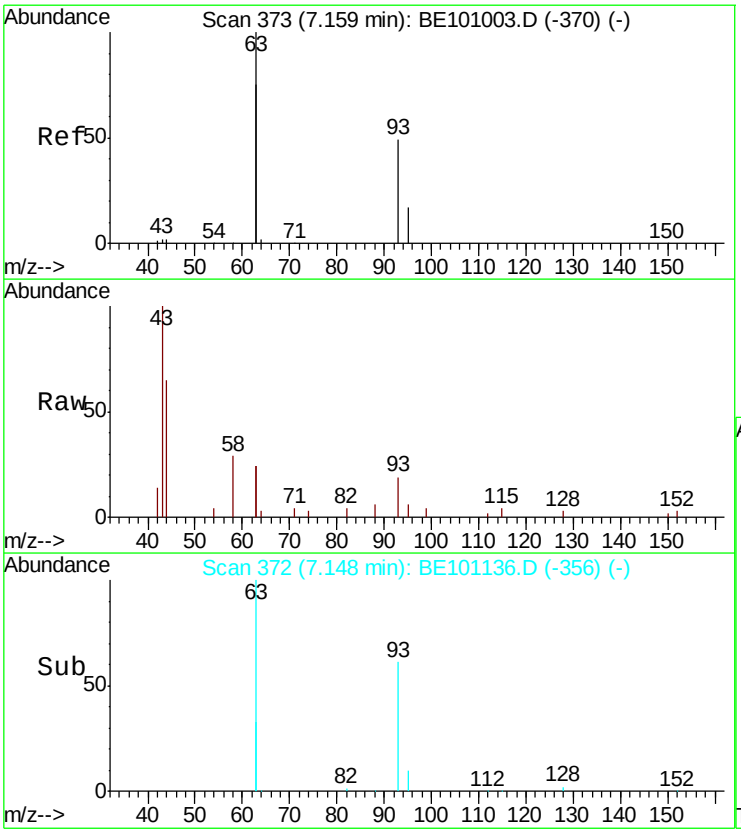

#5
Phenol-d6
Concen: 0.384 ng
RT: 6.91 min Scan# 351
Delta R.T. -0.01 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

**Instrument :**
BNA_E
**ClientSampleId :**
PB126655BS

Tgt Ion: 99 Resp: 1564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 24.7 | 18.3 | 27.5 |
| 71 | 35.5 | 28.0 | 42.0 |

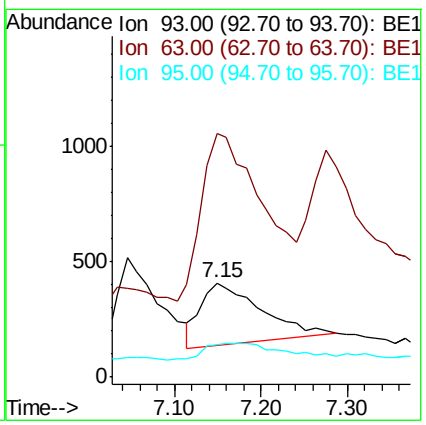


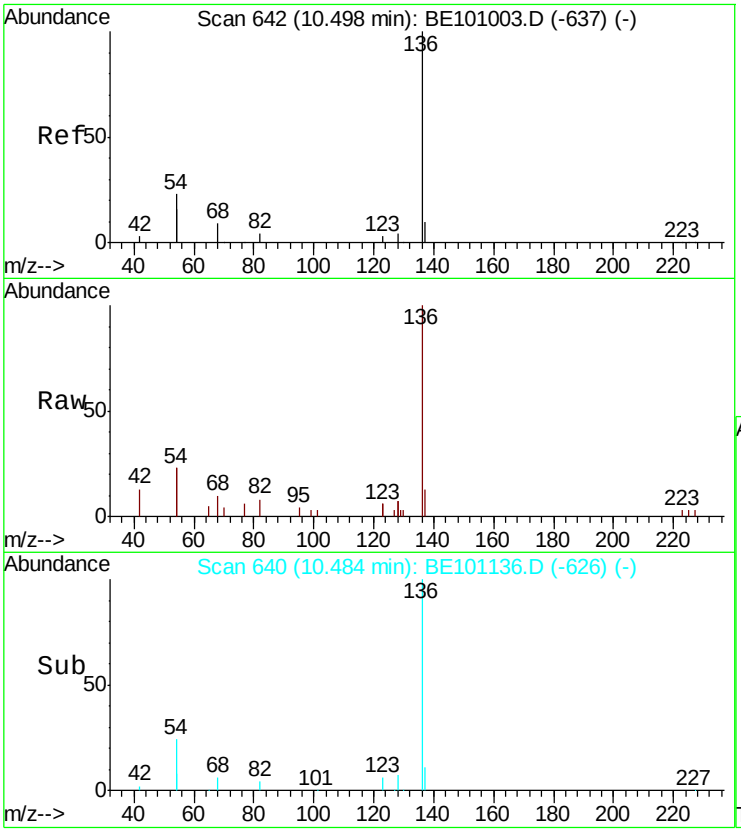




#6
bis(2-Chloroethyl)ether
Concen: 0.268 ng
RT: 7.15 min Scan# 372
Delta R.T. -0.01 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

Tgt Ion: 93 Resp: 1301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 282.7 | 233.9 | 350.9 |
| 95 | 0.0 | 23.5 | 35.3# |



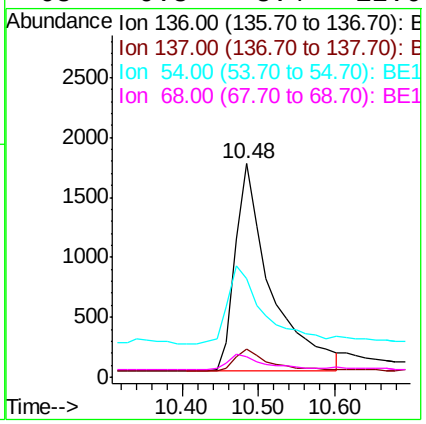


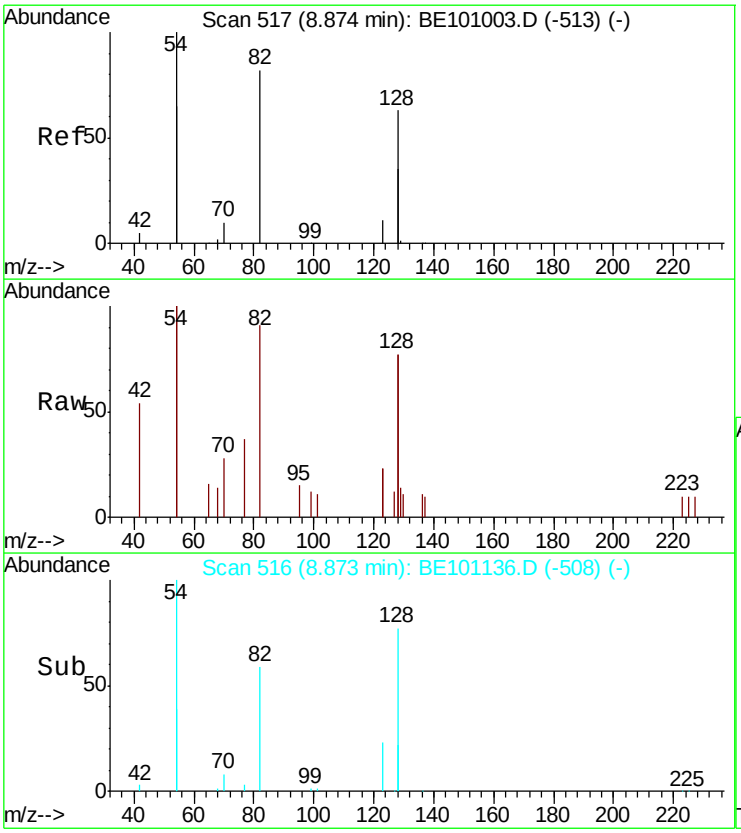

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.48 min Scan# 640
Delta R.T. -0.01 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

**Instrument :**
BNA_E
**ClientSampleId :**
PB126655BS

Tgt Ion:136 Resp: 5612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 13.4 | 9.3 | 13.9 |
| 54 | 45.9 | 36.8 | 55.2 |
| 68 | 9.8 | 8.4 | 12.6 |

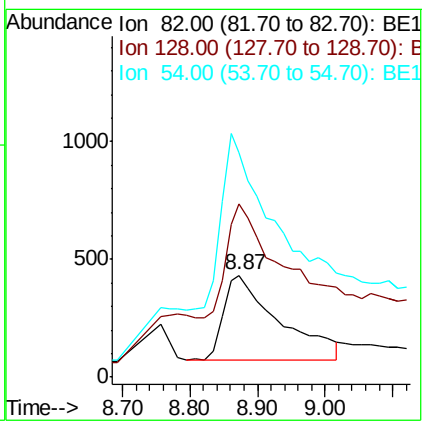


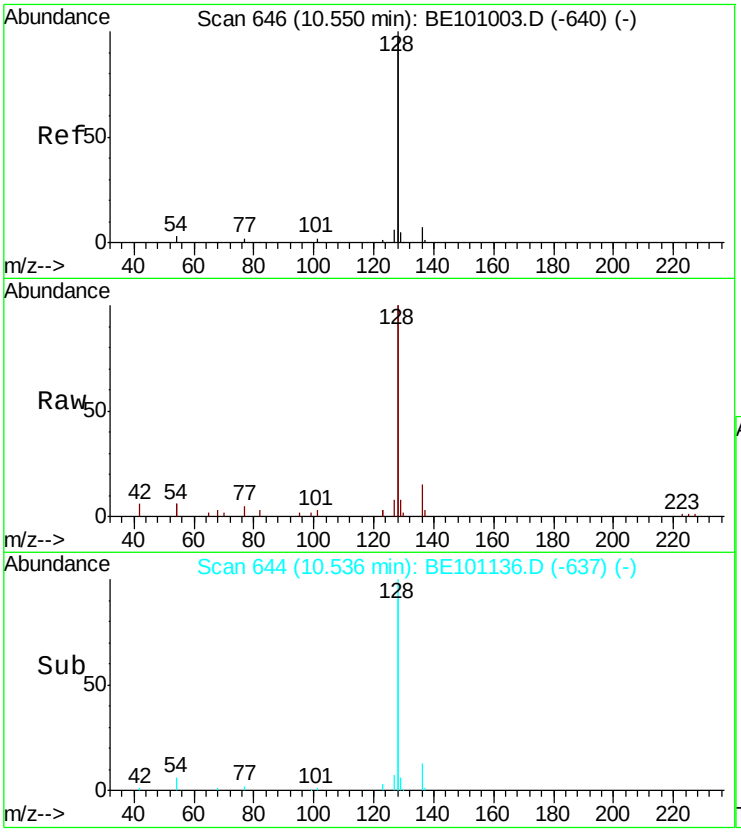




#8
Nitrobenzene-d5
Concen: 0.518 ng
RT: 8.87 min Scan# 516
Delta R.T. -0.00 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

Tgt Ion: 82 Resp: 2081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 170.4 | 109.8 | 164.6# |
| 54 | 220.8 | 174.5 | 261.7 |



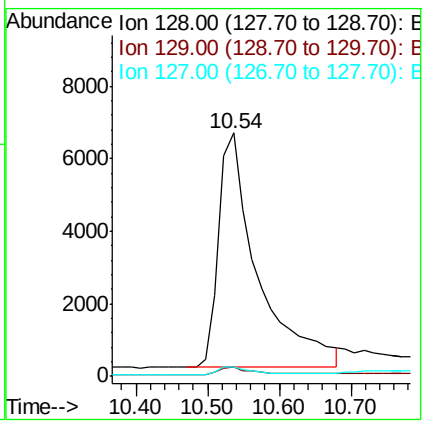


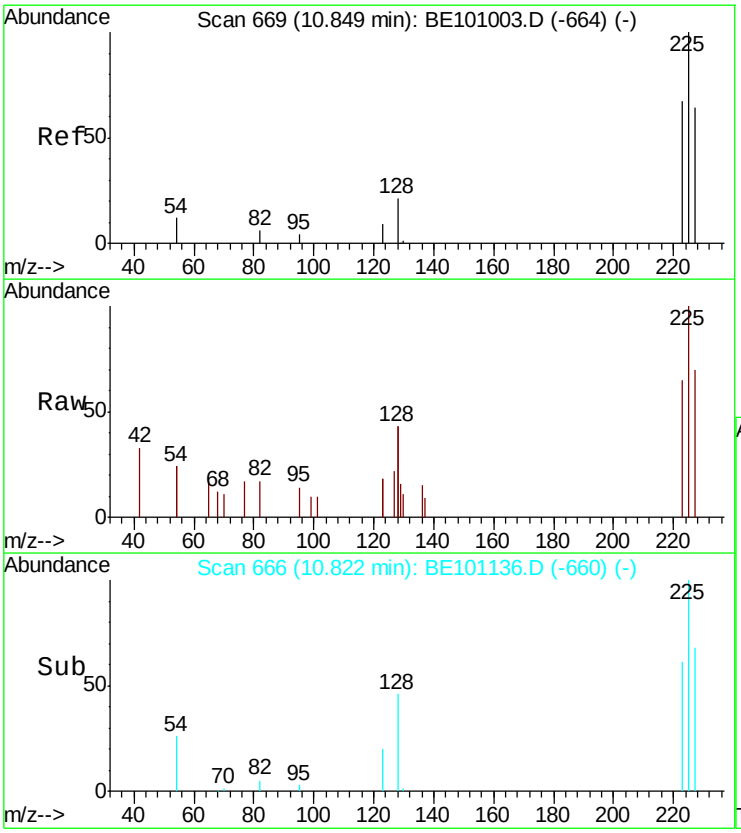

#9
Naphthalene
Concen: 0.392 ng
RT: 10.54 min Scan# 644
Delta R.T. -0.01 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

**Instrument :**
BNA_E
**ClientSampleId :**
PB126655BS

Tgt Ion:128 Resp: 24428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 3.8 | 2.3 | 3.5# |
| 127 | 4.0 | 2.7 | 4.1 |

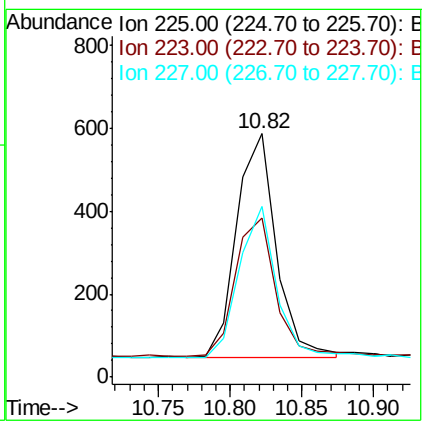


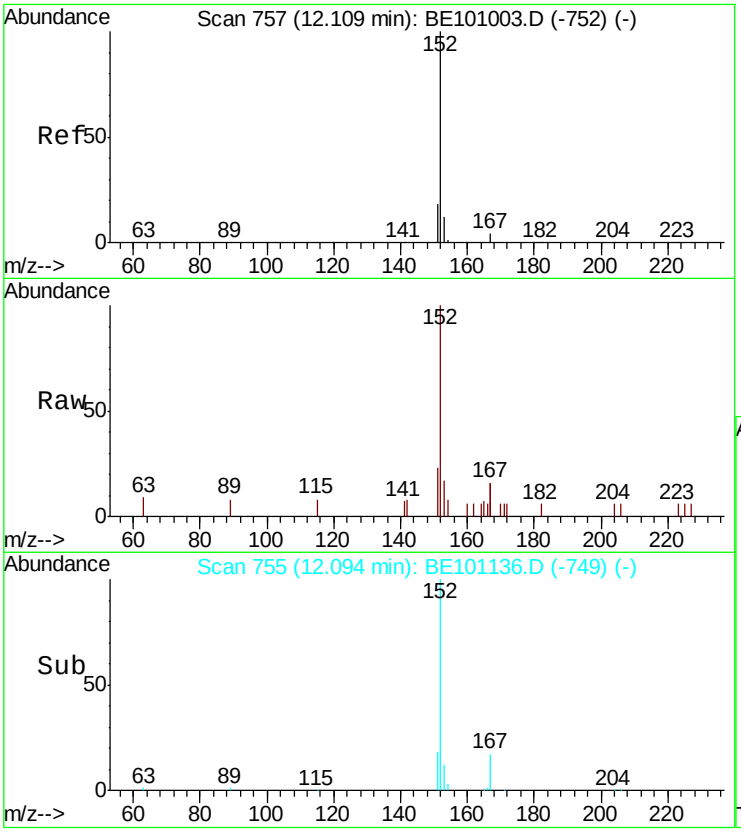




#10
Hexachlorobutadiene
Concen: 0.393 ng
RT: 10.82 min Scan# 666
Delta R.T. -0.03 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

Tgt Ion:225 Resp: 1038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.8 | 52.2 | 78.4 |
| 227 | 63.7 | 49.9 | 74.9 |



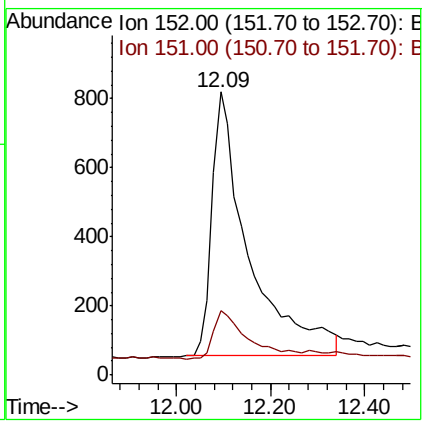


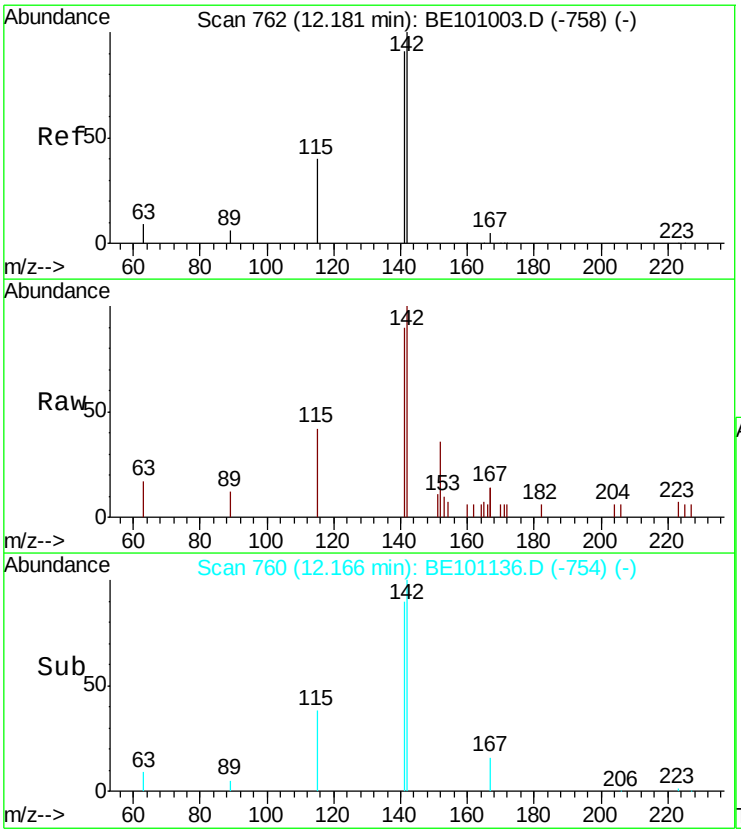

#11
2-Methylnaphthalene-d10
Concen: 0.387 ng
RT: 12.09 min Scan# 755
Delta R.T. -0.01 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

**Instrument :**
BNA_E
**ClientSampleId :**
PB126655BS

Tgt Ion:152 Resp: 4146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 17.3 | 15.0 | 22.6 |

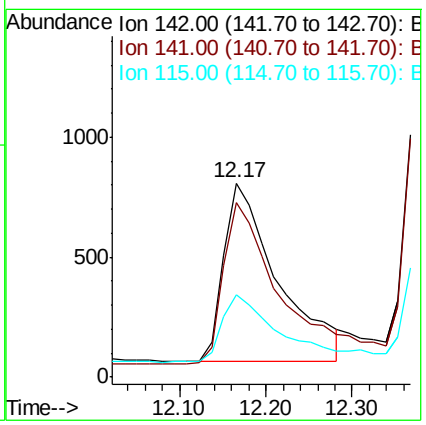


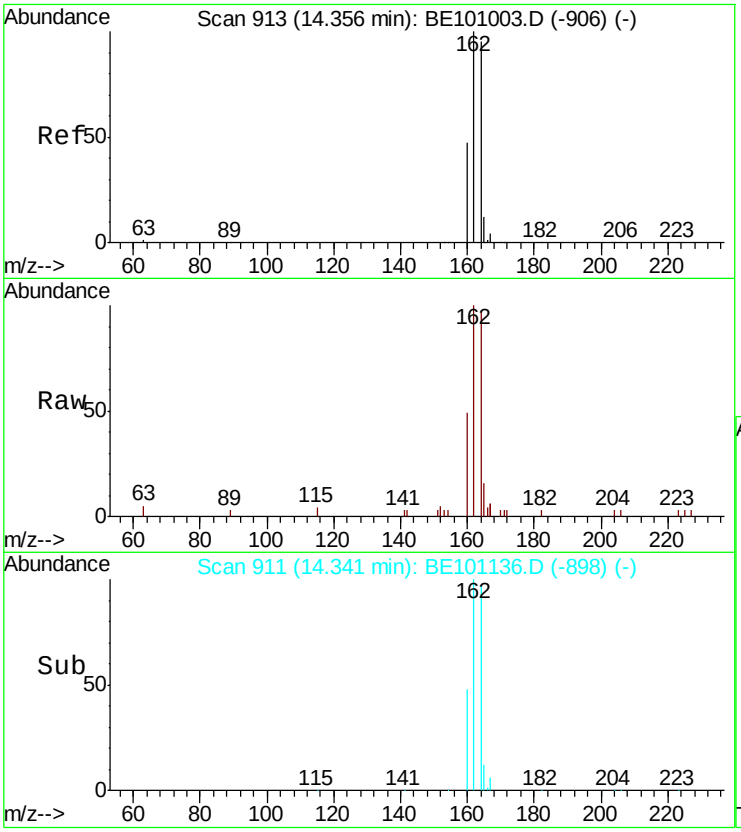




#12
2-Methylnaphthalene
Concen: 0.342 ng
RT: 12.17 min Scan# 760
Delta R.T. -0.01 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

Tgt Ion:142 Resp: 3222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.9 | 72.5 | 108.7 |
| 115 | 42.5 | 33.0 | 49.6 |



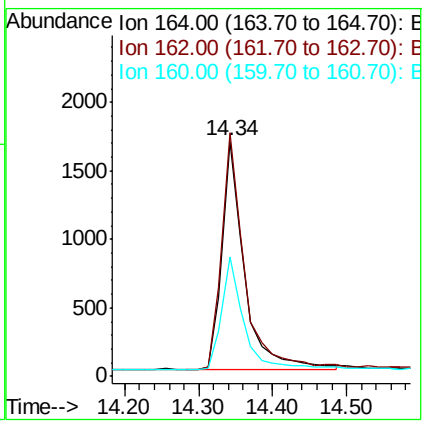


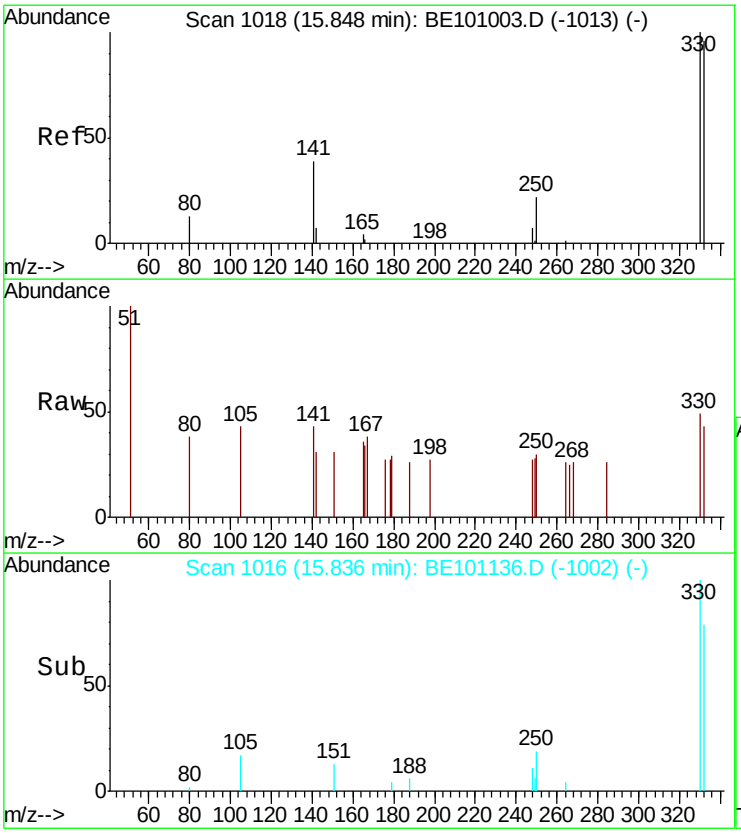

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 911
Delta R.T. -0.01 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

**Instrument :**
BNA_E
**ClientSampleId :**
PB126655BS

Tgt Ion:164 Resp: 3516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.5 | 84.1 | 126.1 |
| 160 | 50.9 | 40.4 | 60.6 |

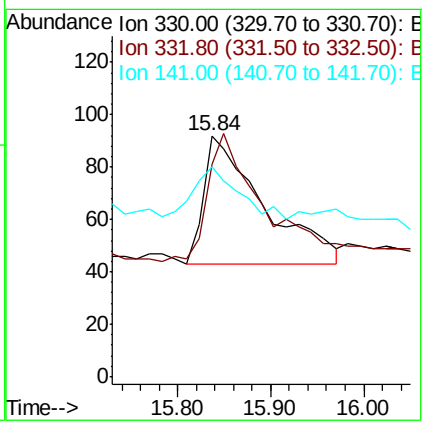


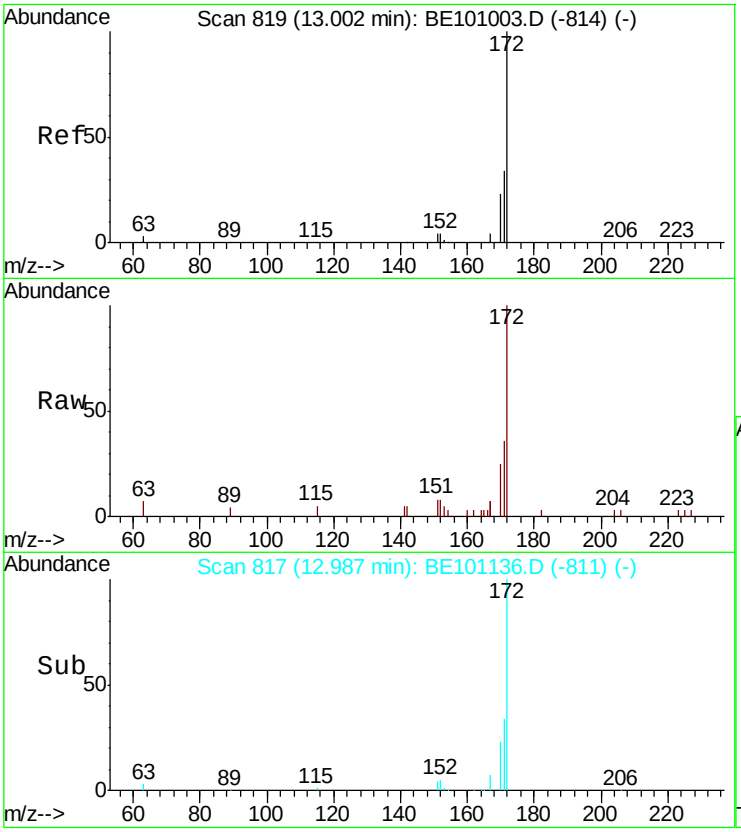




#14
2,4,6-Tribromophenol
Concen: 0.220 ng
RT: 15.84 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

Tgt Ion:330 Resp: 218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.0 | 78.4 | 117.6 |
| 141 | 31.7 | 37.0 | 55.4# |



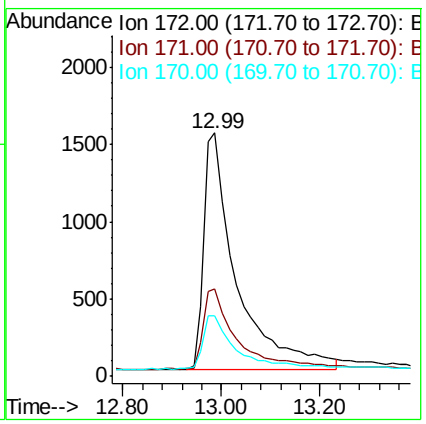


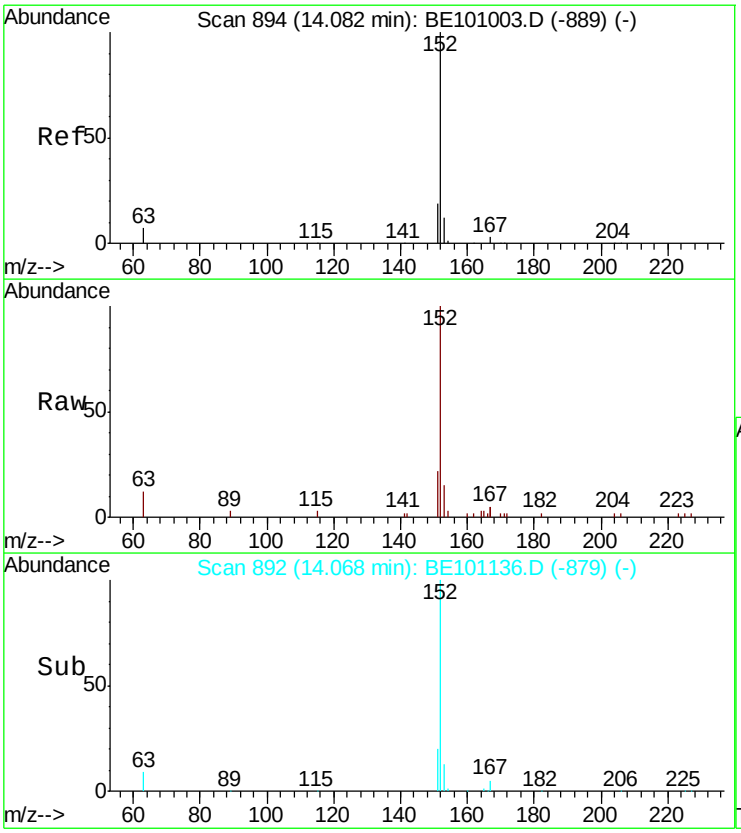

#15
2-Fluorobiphenyl
Concen: 0.524 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.01 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

**Instrument :**
BNA_E
**ClientSampleId :**
PB126655BS

Tgt Ion:172 Resp: 6993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.7 | 28.2 | 42.2 |
| 170 | 25.1 | 18.9 | 28.3 |

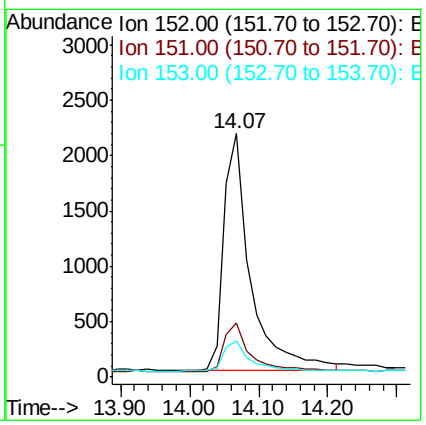


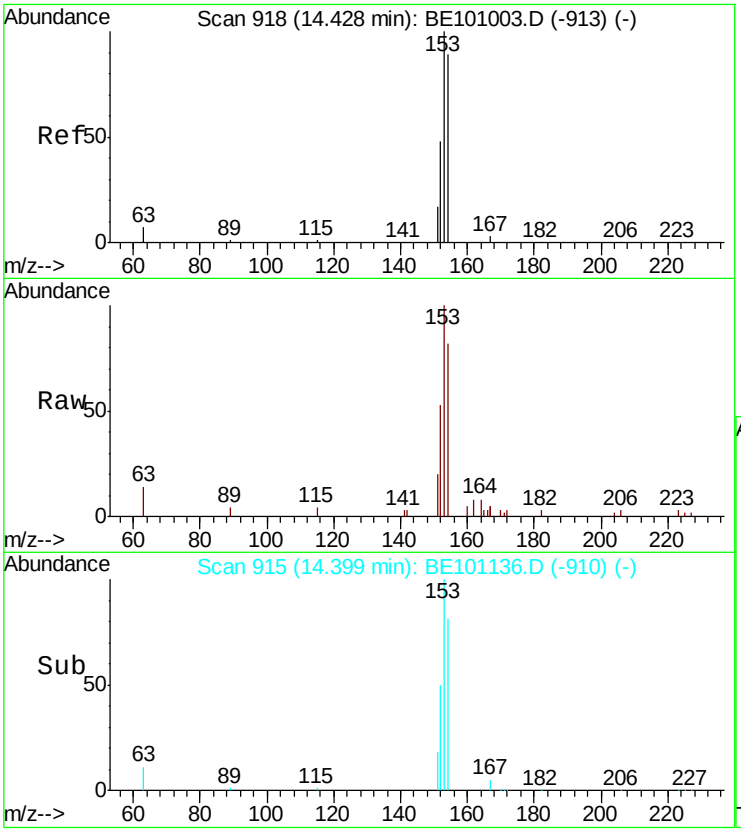




#16
Acenaphthylene
Concen: 0.399 ng
RT: 14.07 min Scan# 892
Delta R.T. -0.01 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

Tgt Ion:152 Resp: 5712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.4 | 15.5 | 23.3 |
| 153 | 13.2 | 10.4 | 15.6 |

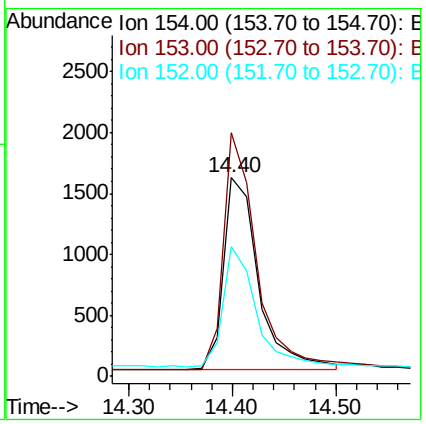




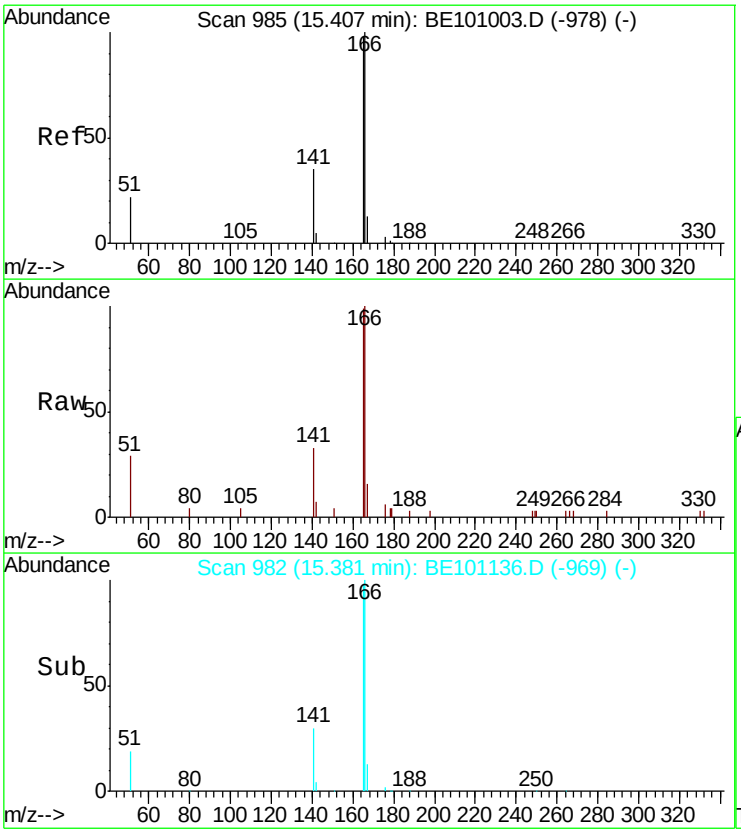

#17
Acenaphthene
Concen: 0.360 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.03 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

Tgt Ion:154 Resp: 3692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 117.0 | 93.6 | 140.4 |
| 152 | 59.0 | 46.3 | 69.5 |



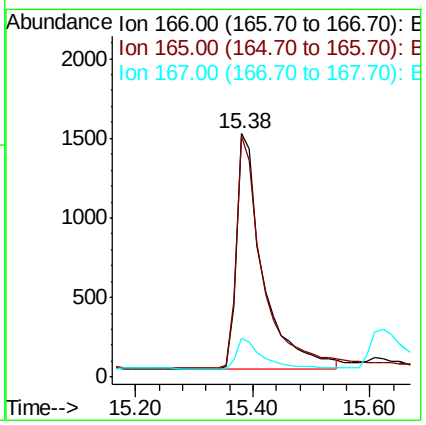

**Instrument :**
BNA_E
**ClientSampleId :**
PB126655BS

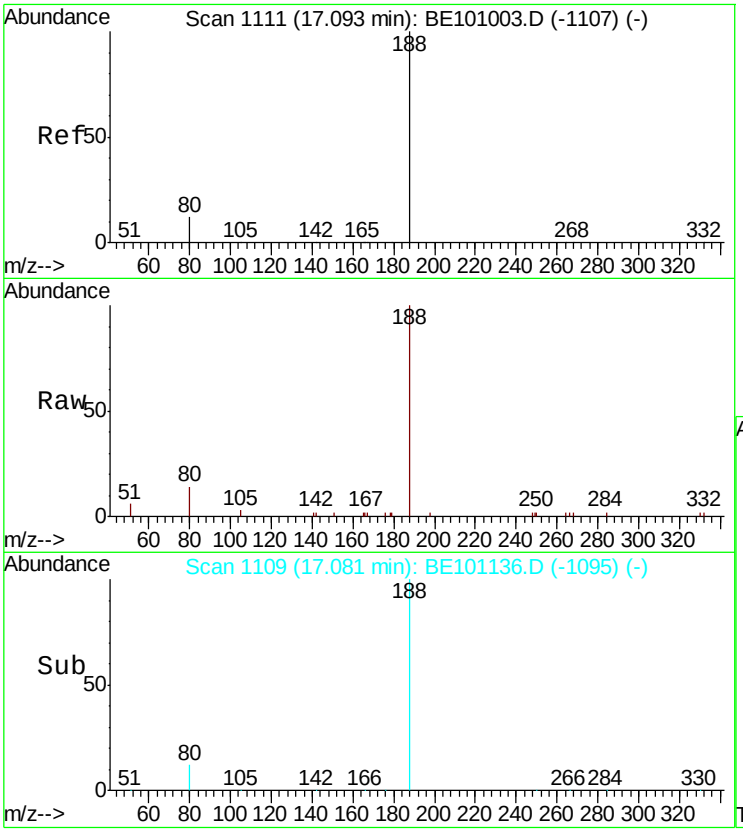



#18
Fluorene
Concen: 0.357 ng
RT: 15.38 min Scan# 982
Delta R.T. -0.03 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

Tgt Ion:166 Resp: 4623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.0 | 79.8 | 119.8 |
| 167 | 13.2 | 11.0 | 16.6 |



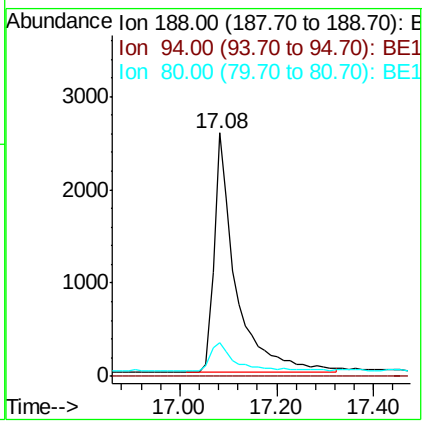


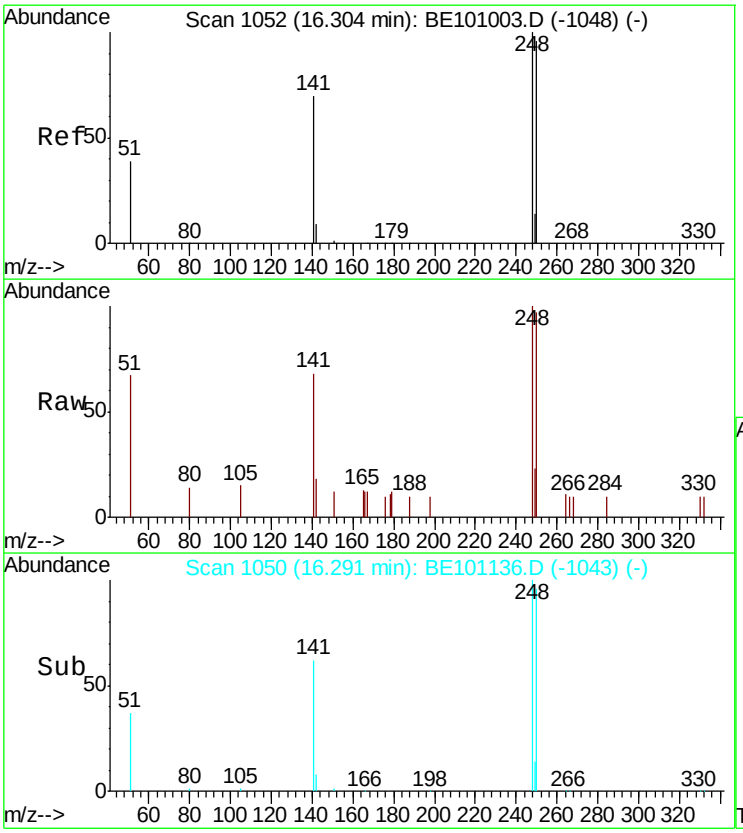

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

**Instrument :**
BNA_E
**ClientSampleId :**
PB126655BS

Tgt Ion:188 Resp: 7882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 14.1 | 10.8 | 16.2 |

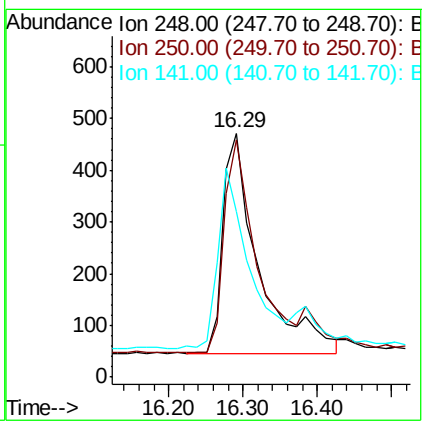


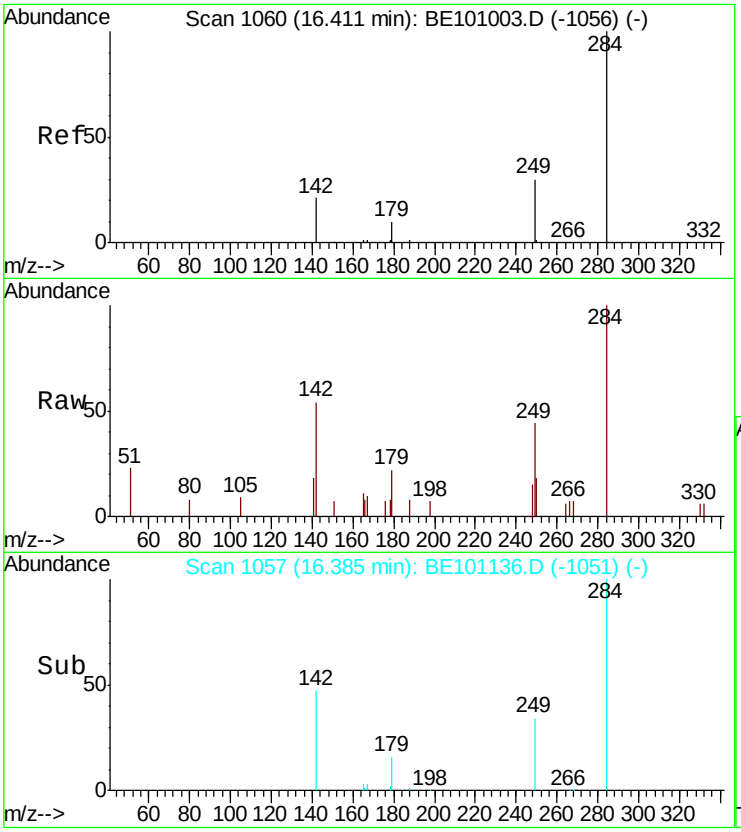




#20
4-Bromophenyl-phenylether
Concen: 0.369 ng
RT: 16.29 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

Tgt Ion:248 Resp: 1418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.2 | 76.6 | 115.0 |
| 141 | 68.2 | 57.7 | 86.5 |



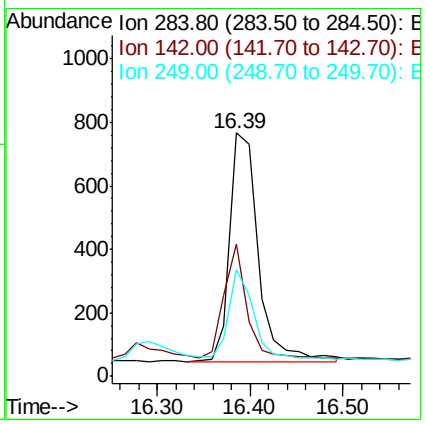


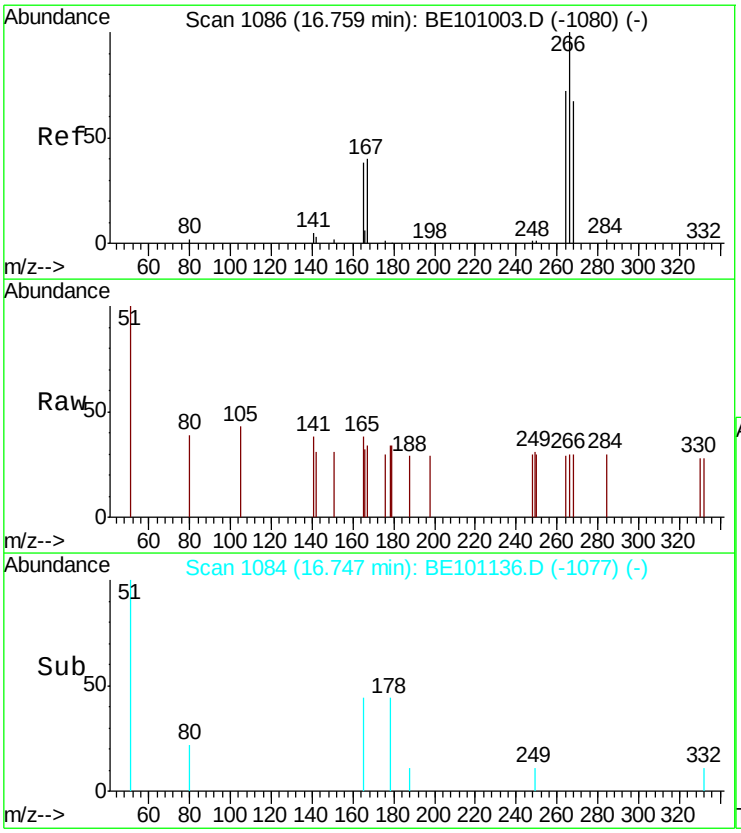

#21
Hexachlorobenzene
Concen: 0.362 ng
RT: 16.39 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

**Instrument :**
BNA_E
**ClientSampleId :**
PB126655BS

Tgt Ion:284 Resp: 1528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 38.5 | 34.0 | 51.0 |
| 249 | 34.2 | 28.2 | 42.4 |

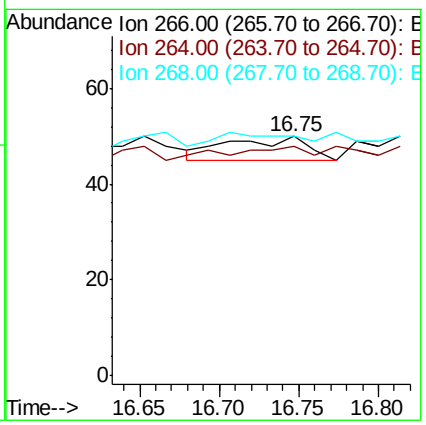


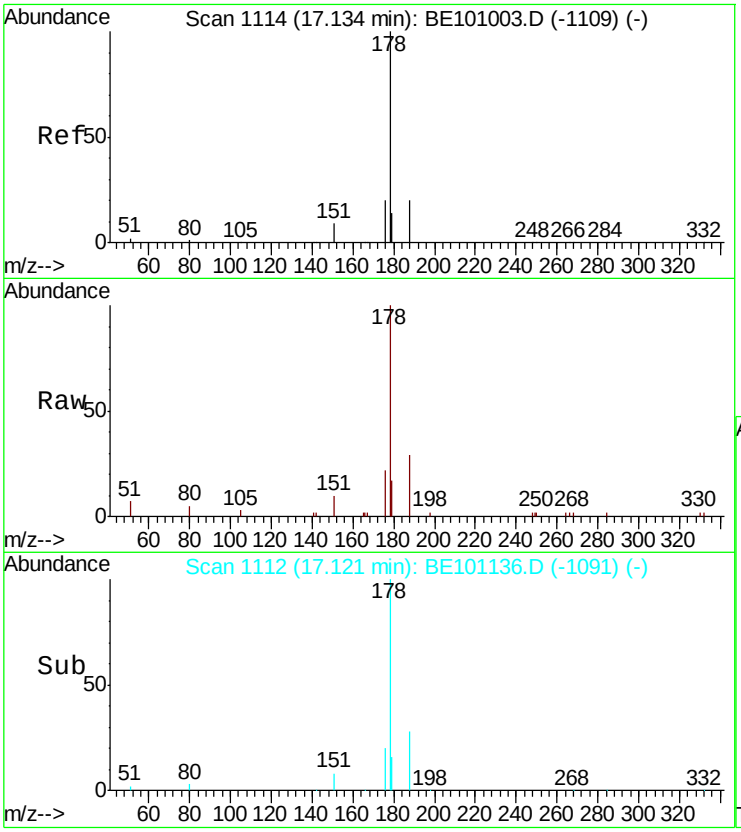




#22
Pentachlorophenol
Concen: 0.261 ng
RT: 16.75 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

Tgt Ion:266 Resp: 17

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 96.0 | 61.0 | 91.4# |
| 268 | 100.0 | 58.5 | 87.7# |



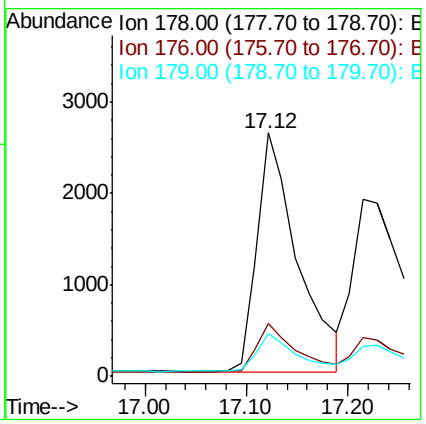


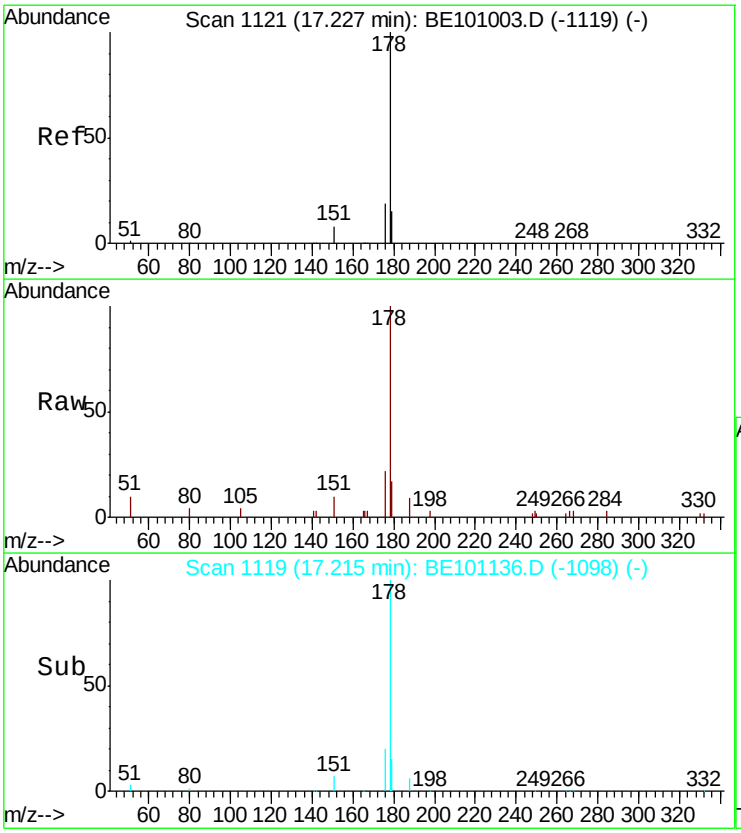

#23
Phenanthrene
Concen: 0.337 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

**Instrument :**
BNA_E
**ClientSampleId :**
PB126655BS

Tgt Ion:178 Resp: 7257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.8 | 15.7 | 23.5 |
| 179 | 15.3 | 12.0 | 18.0 |

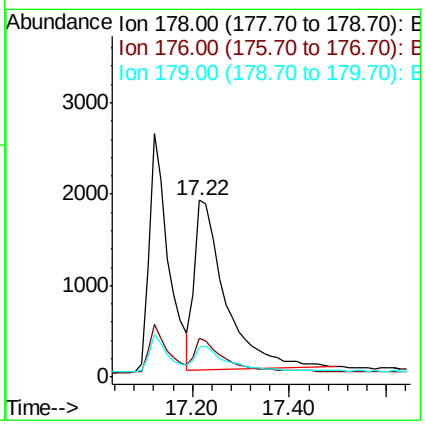


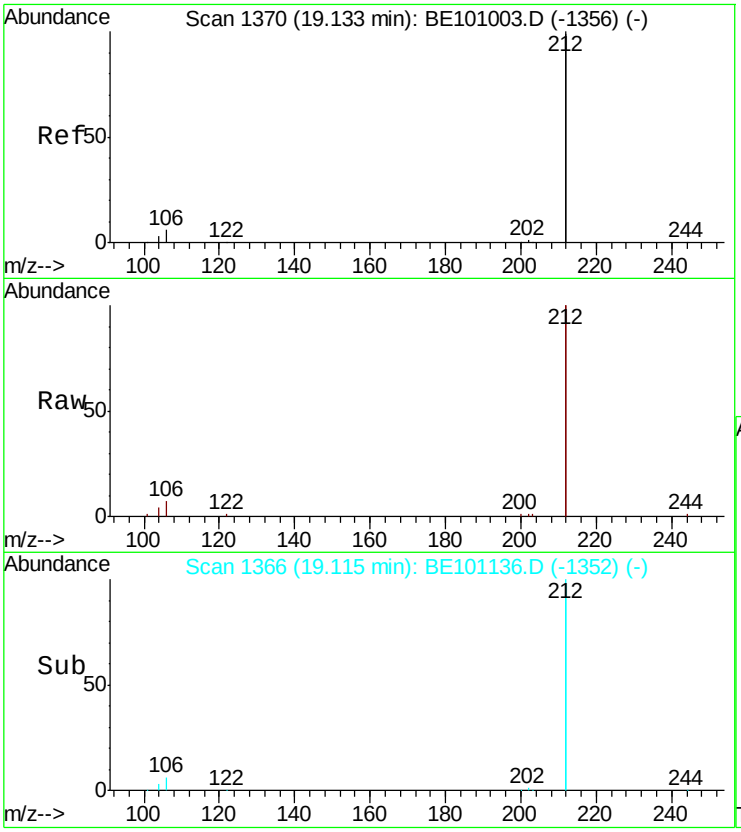




#24
Anthracene
Concen: 0.397 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

Tgt Ion:178 Resp: 8071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 14.8 | 22.2 |
| 179 | 14.9 | 12.4 | 18.6 |



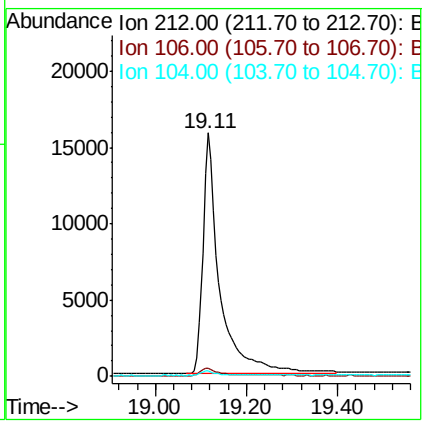


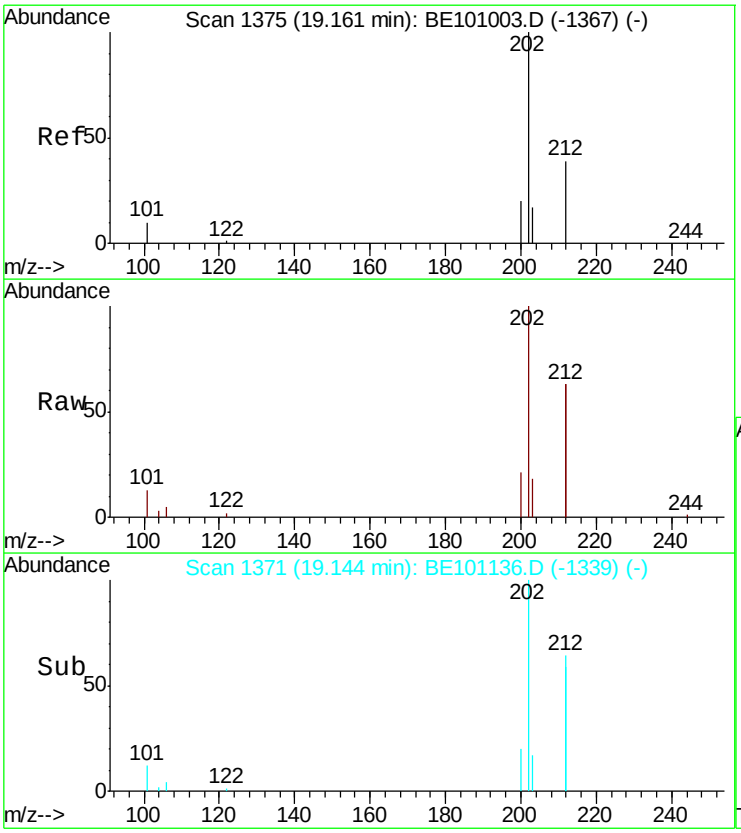

#25
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.11 min Scan# 1366
Delta R.T. -0.02 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

**Instrument :**
BNA_E
**ClientSampleId :**
PB126655BS

Tgt Ion:212 Resp: 40340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 3.1 | 2.6 | 3.8 |
| 104 | 1.8 | 1.4 | 2.0 |

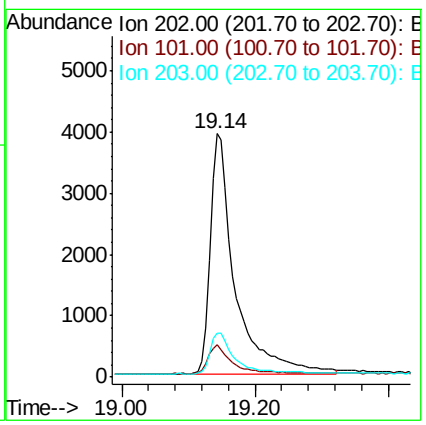


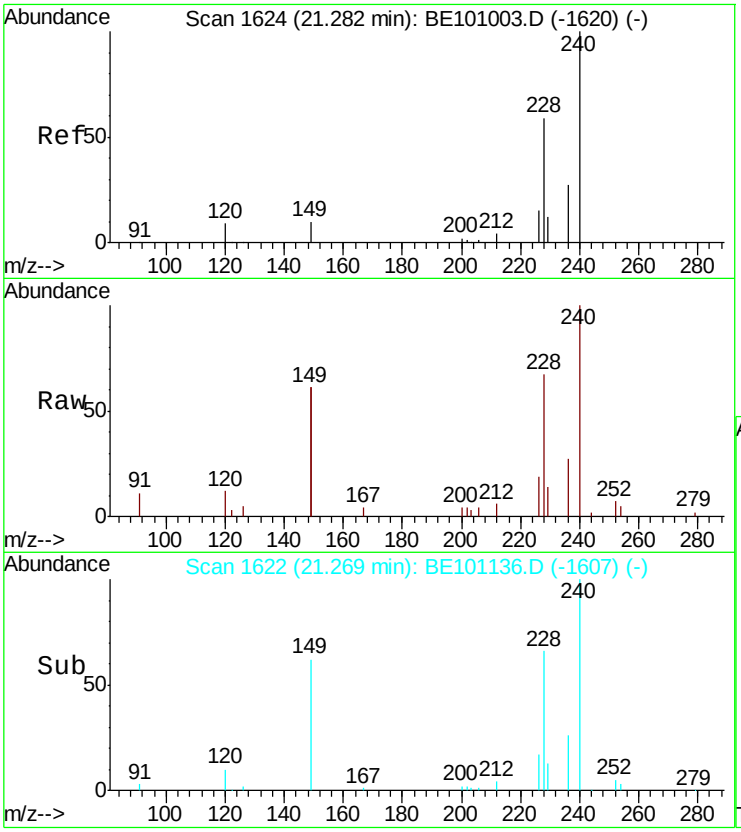




#26
Fluoranthene
Concen: 0.373 ng
RT: 19.14 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

Tgt Ion:202 Resp: 10064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.9 | 9.6 | 14.4 |
| 203 | 17.2 | 13.8 | 20.6 |



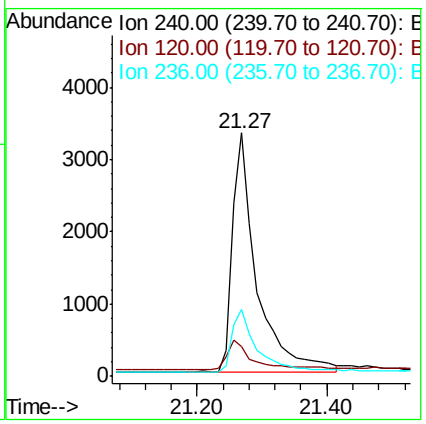


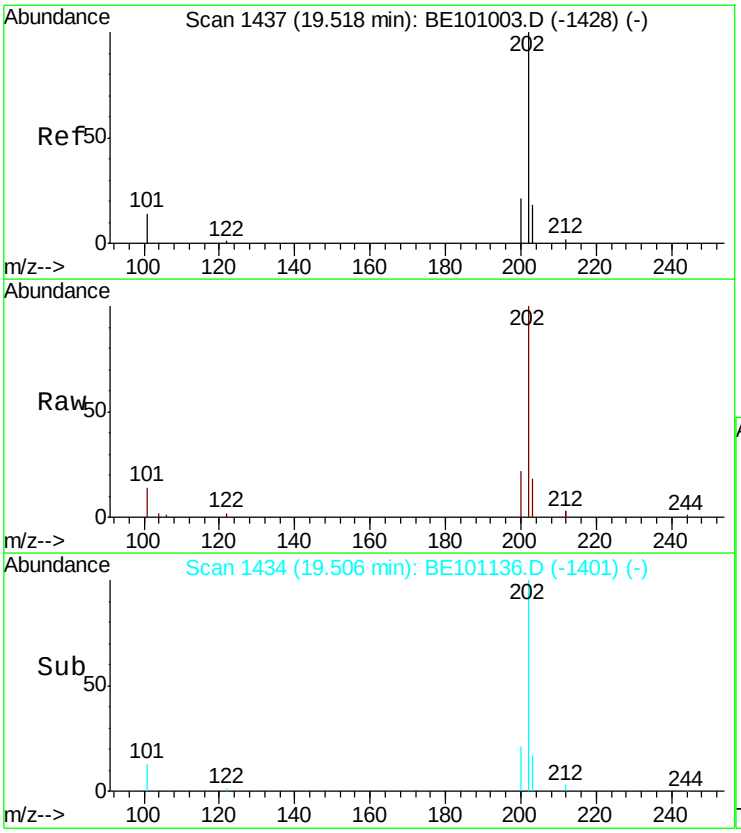

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

**Instrument :**
BNA_E
**ClientSampleId :**
PB126655BS

Tgt Ion:240 Resp: 8683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.3 | 8.6 | 13.0 |
| 236 | 27.5 | 22.2 | 33.4 |

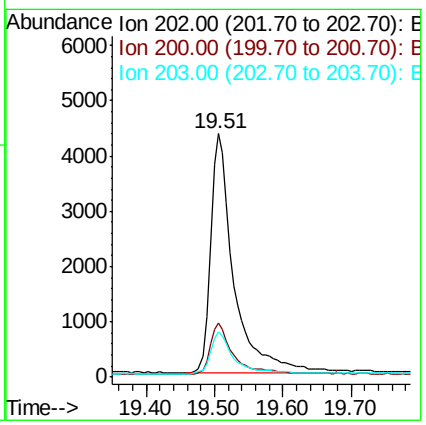


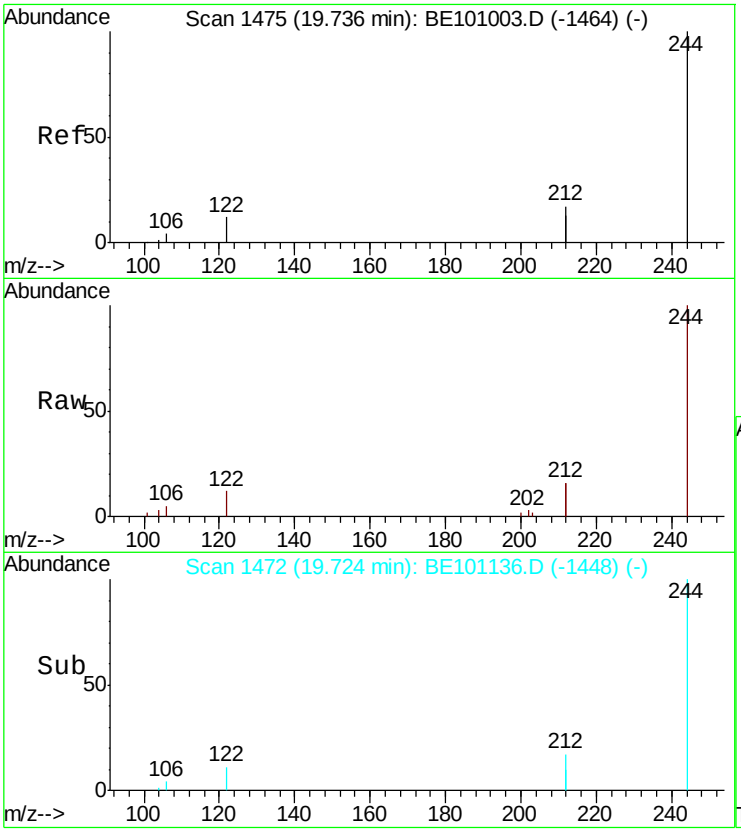




#28
Pyrene
Concen: 0.322 ng
RT: 19.51 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

Tgt Ion:202 Resp: 10394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.1 | 17.0 | 25.4 |
| 203 | 18.0 | 13.8 | 20.6 |



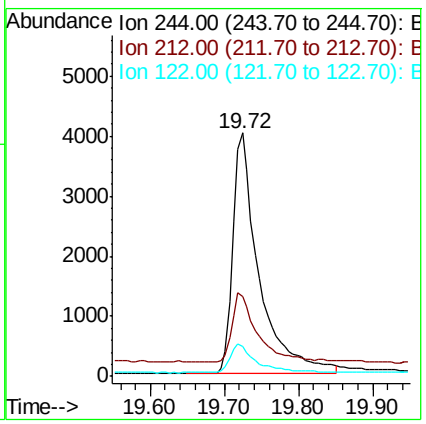


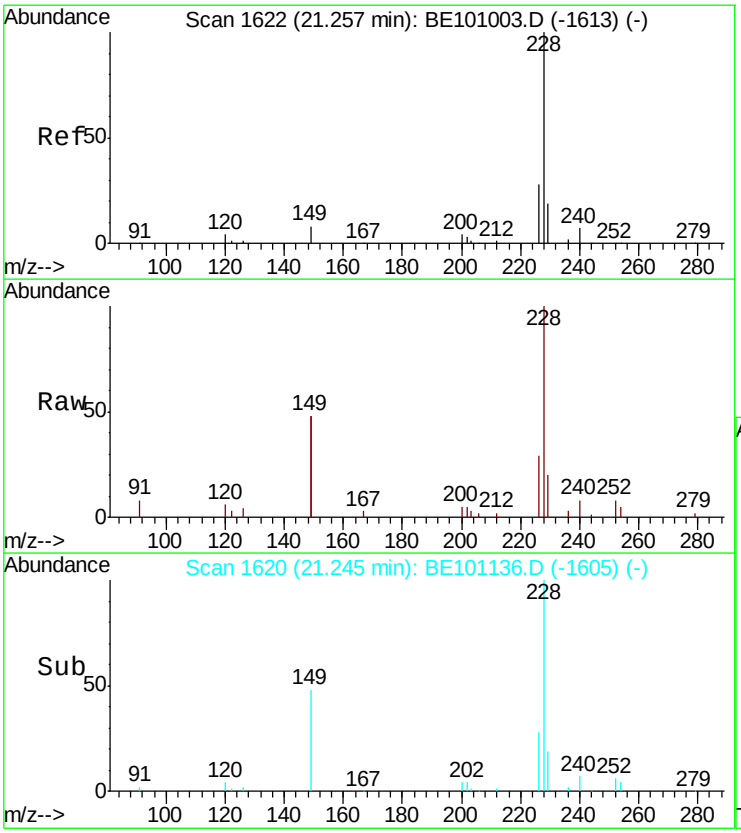

#29
Terphenyl-d14
Concen: 0.461 ng
RT: 19.72 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

**Instrument :**
BNA_E
**ClientSampleId :**
PB126655BS

Tgt Ion:244 Resp: 9822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 32.9 | 27.2 | 40.8 |
| 122 | 12.2 | 9.8 | 14.8 |

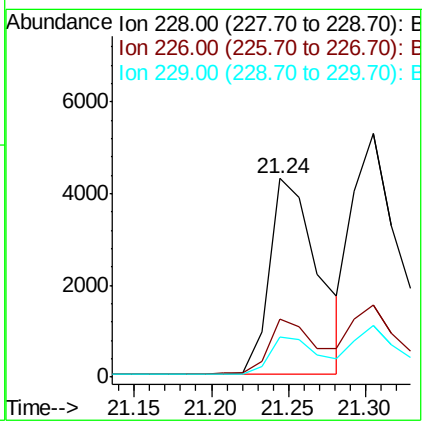


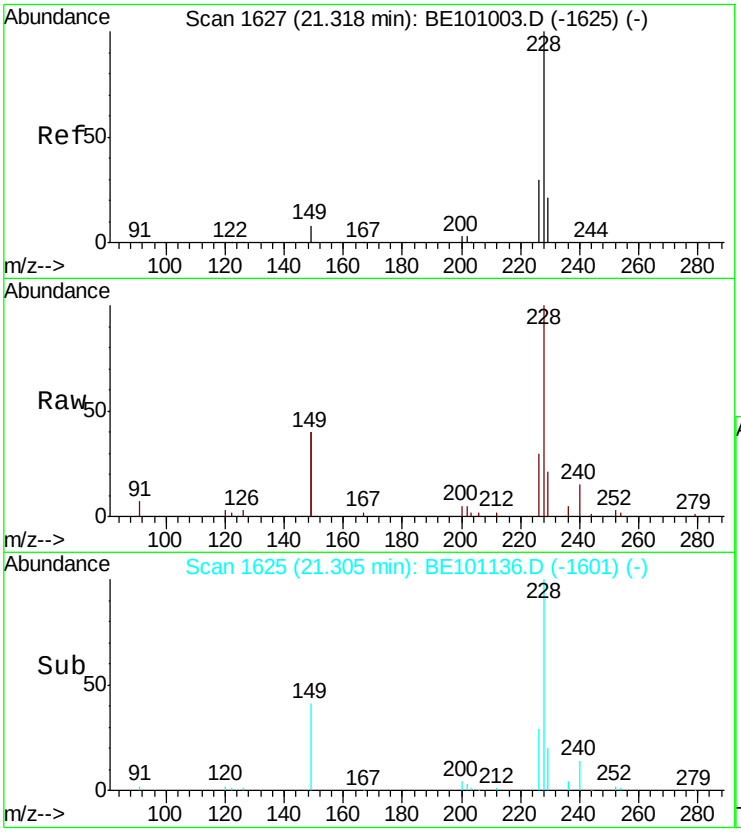




#30
Benzo(a)anthracene
Concen: 0.380 ng
RT: 21.24 min Scan# 1620
Delta R.T. -0.01 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

Tgt Ion:228 Resp: 9421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.1 | 22.7 | 34.1 |
| 229 | 20.2 | 15.5 | 23.3 |



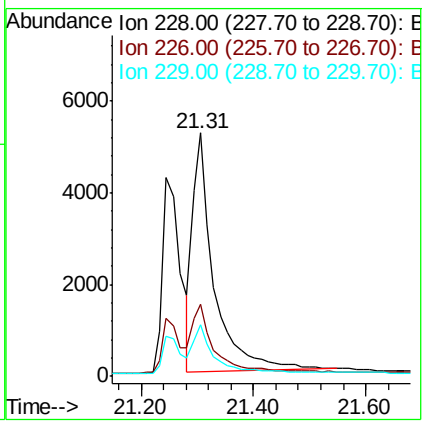


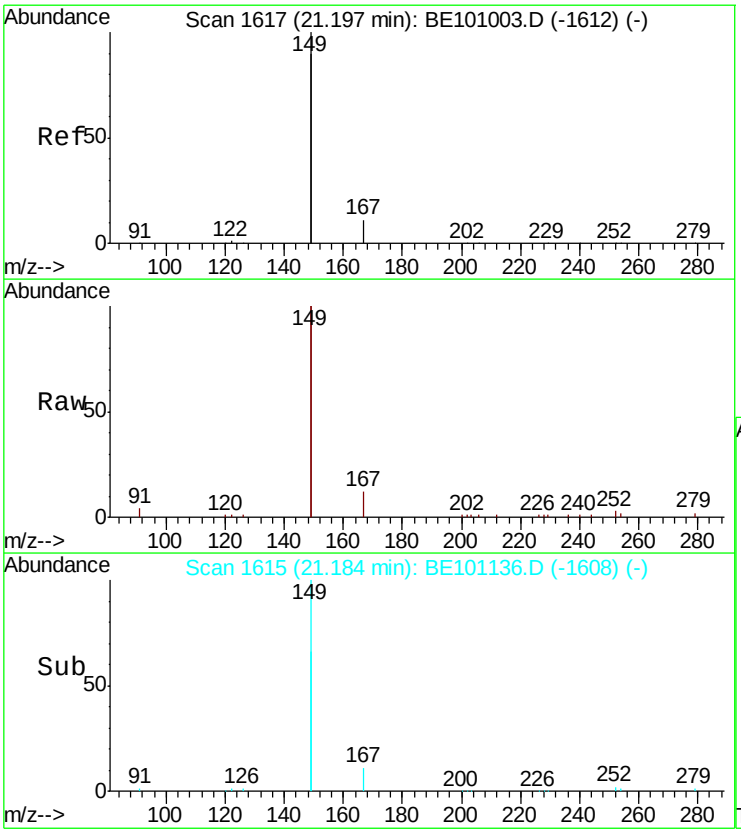

#31
Chrysene
Concen: 0.376 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

**Instrument :**
BNA_E
**ClientSampleId :**
PB126655BS

Tgt Ion:228 Resp: 13841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.9 | 23.5 | 35.3 |
| 229 | 21.4 | 16.7 | 25.1 |

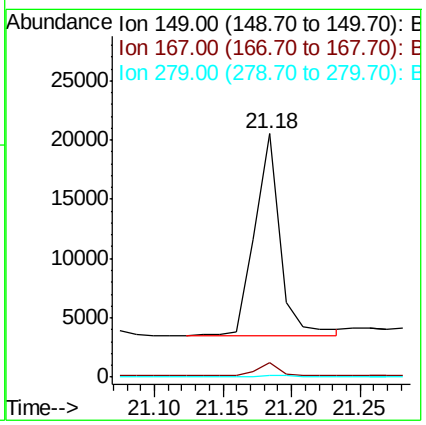


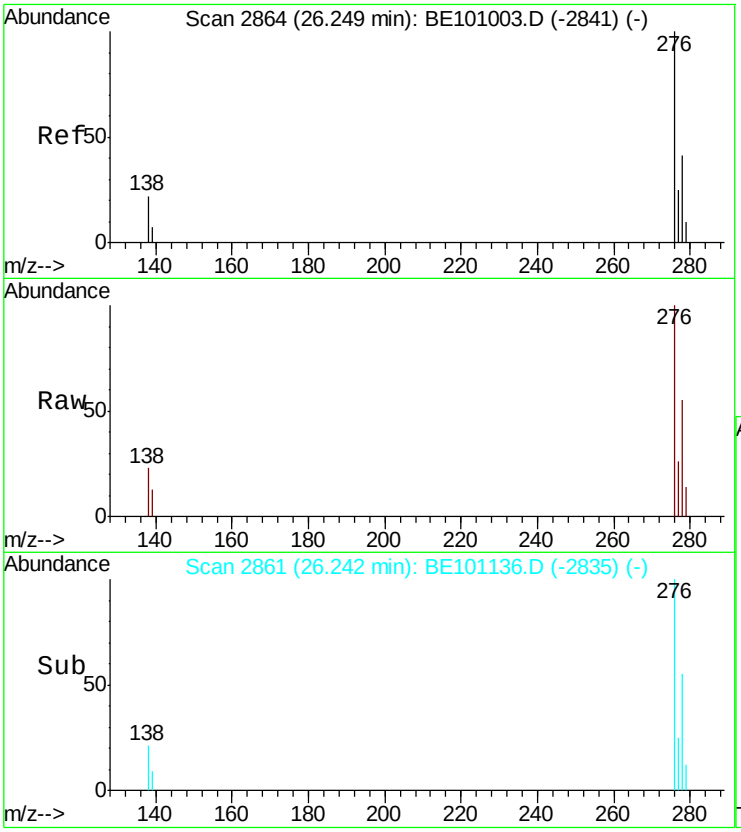




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.536 ng
RT: 21.18 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

Tgt Ion:149 Resp: 22146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 6.1 | 5.2 | 7.8 |
| 279 | 0.9 | 0.8 | 1.2 |



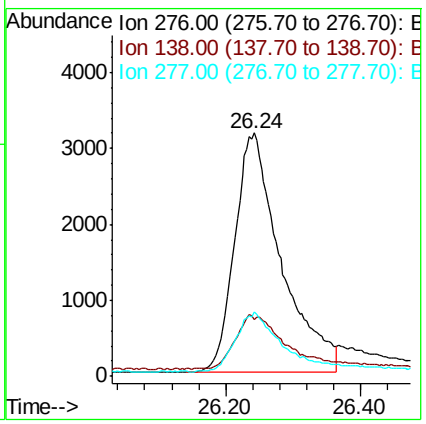


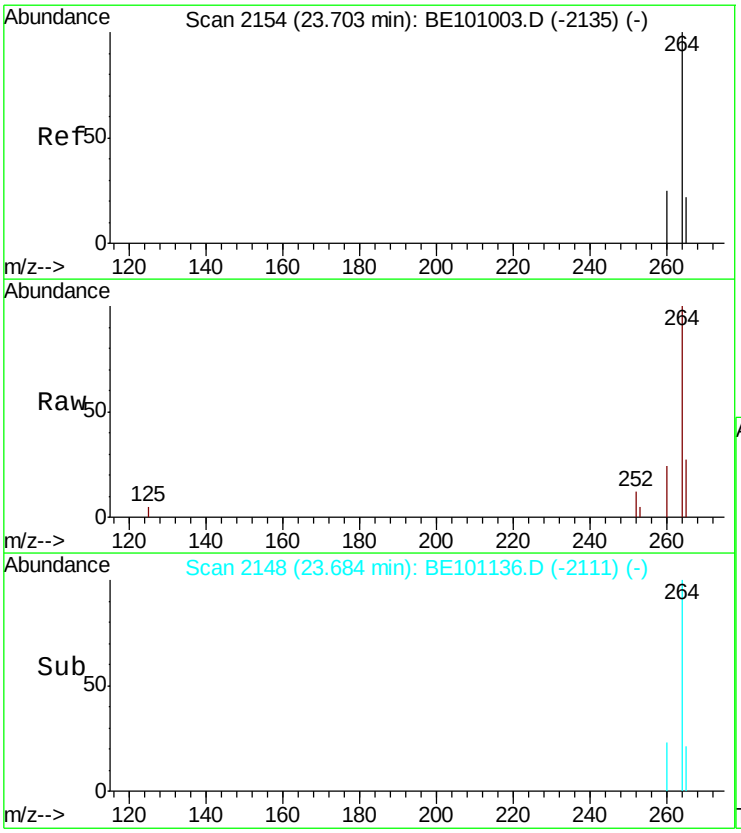

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.517 ng
RT: 26.24 min Scan# 2861
Delta R.T. -0.01 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

**Instrument :**
BNA_E
**ClientSampleId :**
PB126655BS

Tgt Ion:276 Resp: 15035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 9.3 | 16.1 | 24.1# |
| 277 | 25.3 | 18.1 | 27.1 |

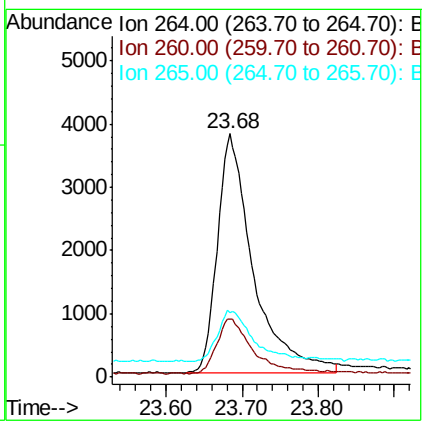


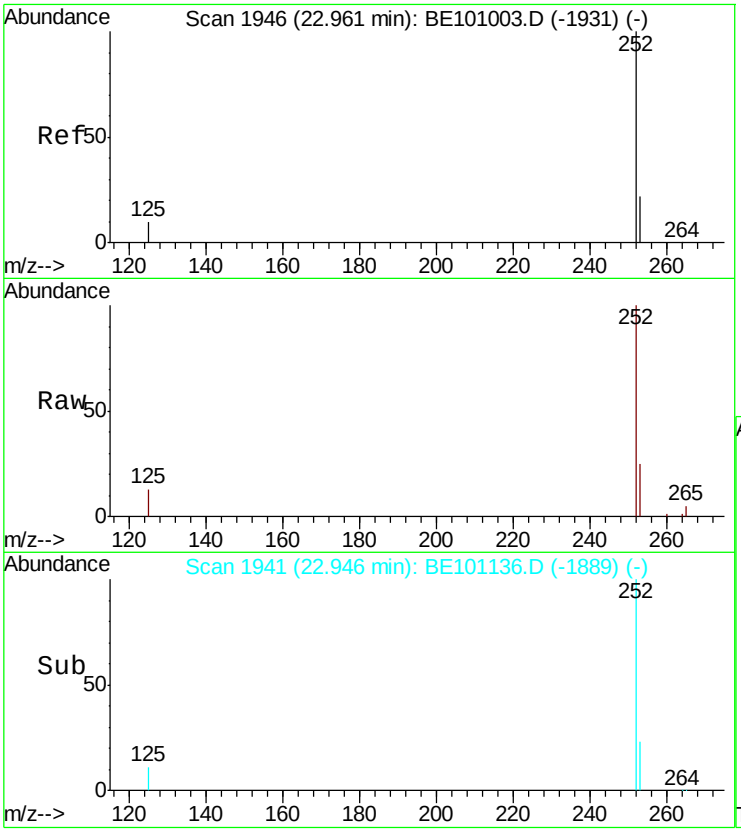




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.68 min Scan# 2148
Delta R.T. -0.02 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

Tgt Ion:264 Resp: 12328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 20.3 | 30.5 |
| 265 | 26.7 | 27.0 | 40.4# |



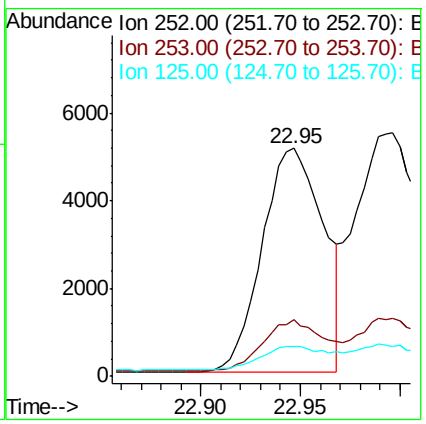


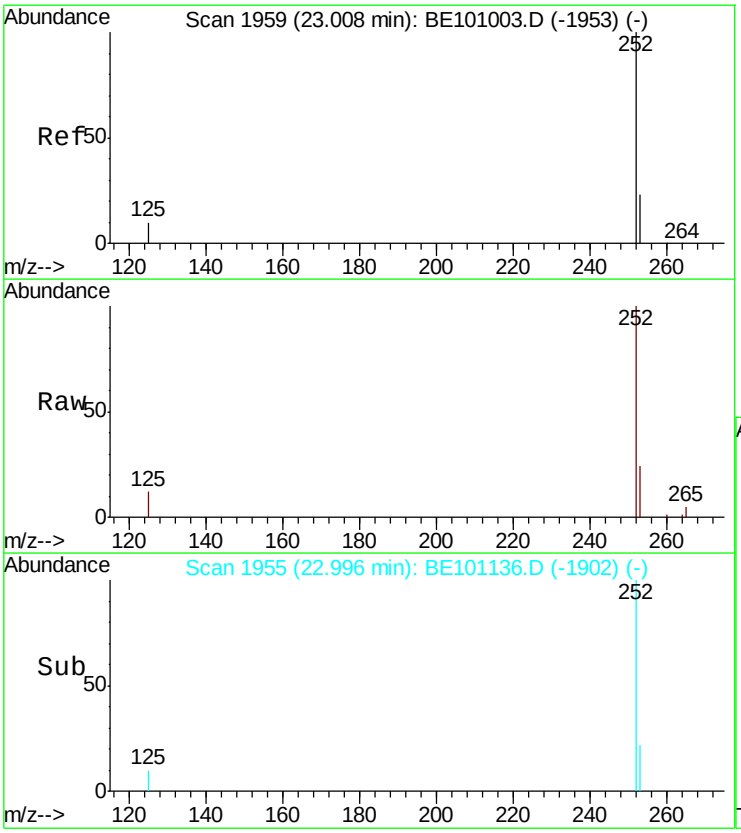

#35
Benzo(b)fluoranthene
Concen: 0.315 ng
RT: 22.95 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

**Instrument :**
BNA_E
**ClientSampleId :**
PB126655BS

Tgt Ion:252 Resp: 10891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.8 | 18.5 | 27.7 |
| 125 | 13.1 | 9.5 | 14.3 |

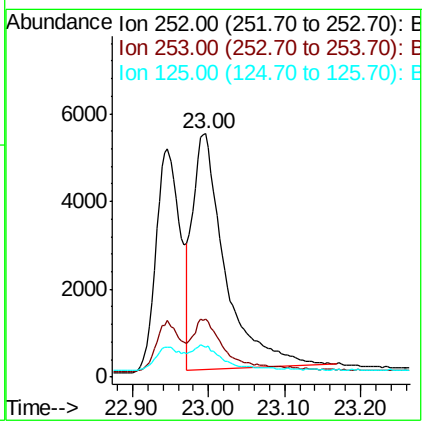


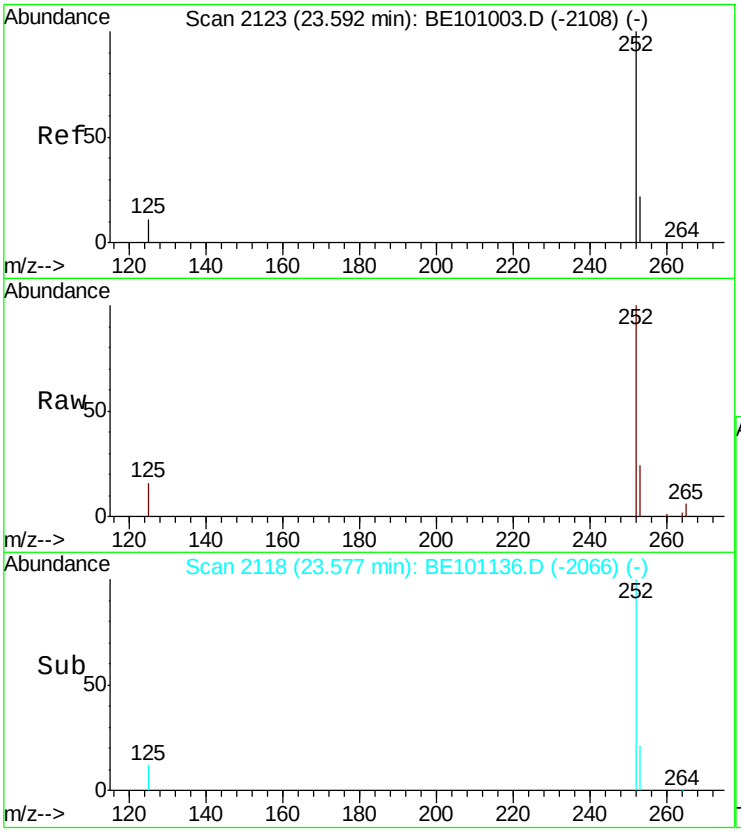




#36
Benzo(k)fluoranthene
Concen: 0.321 ng
RT: 23.00 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

Tgt Ion:252 Resp: 16072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.8 | 18.9 | 28.3 |
| 125 | 12.4 | 10.1 | 15.1 |



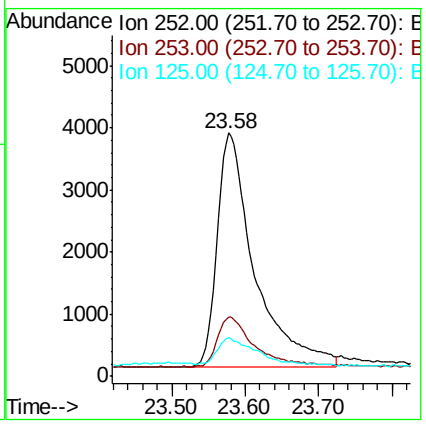


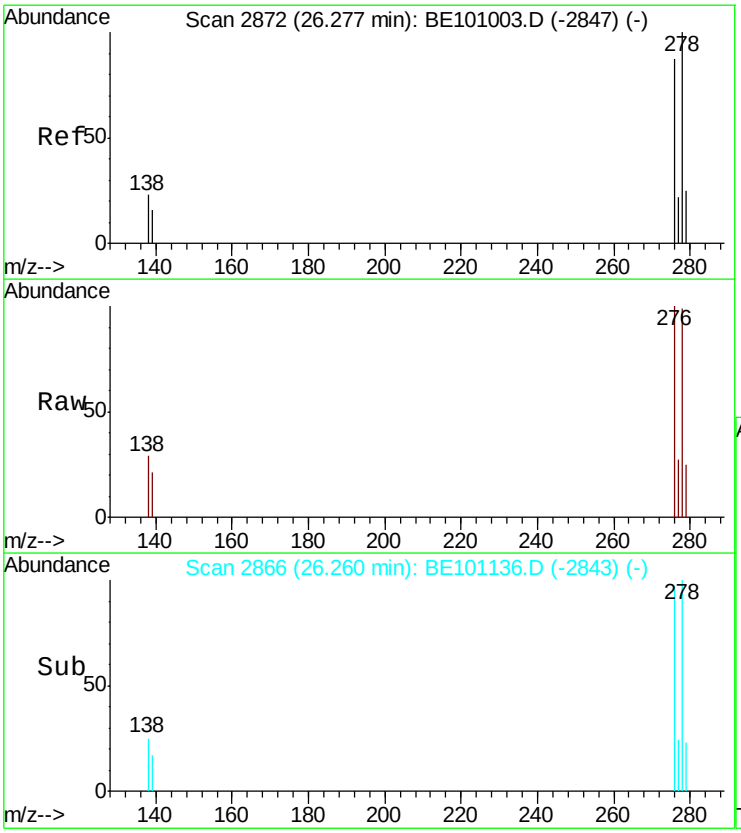

#37
Benzo(a)pyrene
Concen: 0.404 ng
RT: 23.58 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

**Instrument :**
BNA_E
**ClientSampleId :**
PB126655BS

Tgt Ion:252 Resp: 13510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.2 | 19.4 | 29.2 |
| 125 | 16.0 | 11.8 | 17.6 |

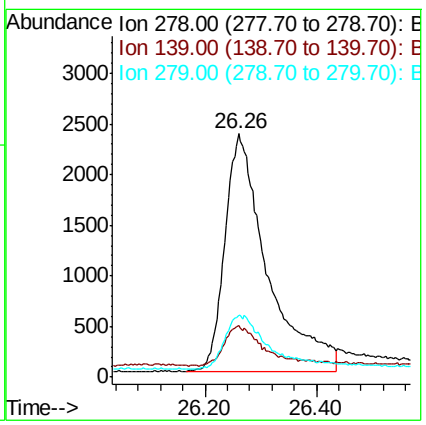


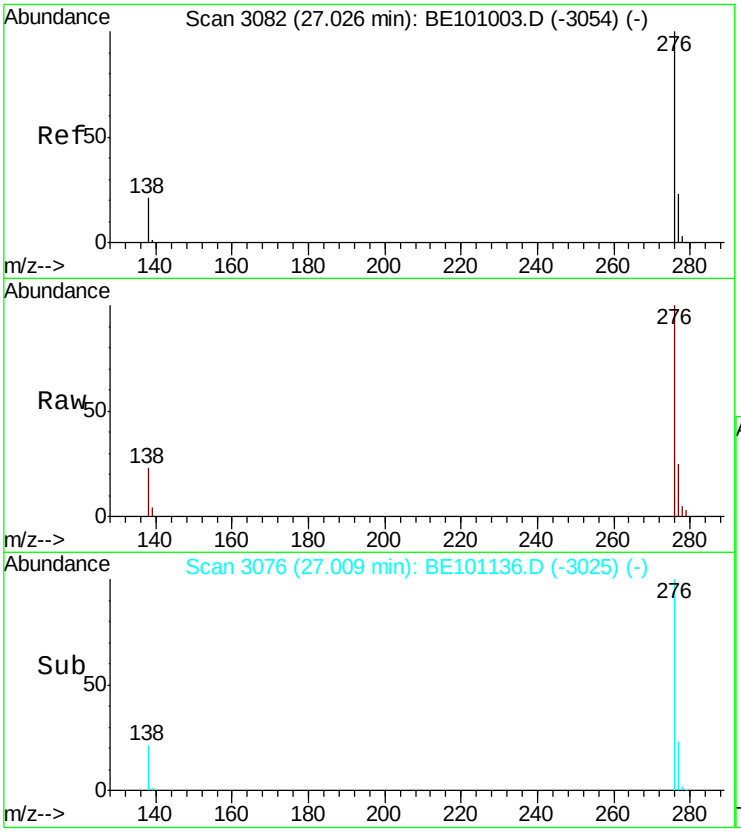




#38
Dibenzo(a,h)anthracene
Concen: 0.404 ng
RT: 26.26 min Scan# 2866
Delta R.T. -0.02 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

Tgt Ion:278 Resp: 12412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 21.2 | 15.0 | 22.4 |
| 279 | 25.4 | 22.6 | 33.8 |






#39
Benzo(g,h,i)perylene
Concen: 0.383 ng
RT: 27.01 min Scan# 3076
Delta R.T. -0.02 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

**Instrument :**
BNA_E
**ClientSampleId :**
PB126655BS

Tgt Ion:276 Resp: 14479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 25.1 | 19.4 | 29.2 |
| 138 | 23.3 | 17.9 | 26.9 |