Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121418\
Data File : BE098438.D
Acq On : 14 Dec 2018 16:32
Operator : SJ/JU
Sample : PB115633BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB115633BS

Quant Time: Dec 14 23:31:55 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 14:59:55 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.86 | 152 | 918 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.65 | 136 | 3837 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.53 | 164 | 2268 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.27 | 188 | 5902 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.46 | 240 | 7954 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 24.00 | 264 | 7451 | 0.40 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.46 | 112 | 607 | 0.28 | ng | | 0.01 |
| 5) Phenol-d6 | 7.06 | 99 | 761 | 0.25 | ng | | 0.01 |
| 8) Nitrobenzene-d5 | 9.04 | 82 | 745 | 0.21 | ng | | 0.03 |
| 11) 2-Methylnaphthalene-d10 | 12.27 | 152 | 1478 | 0.24 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.02 | 330 | 164 | 0.20 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.15 | 172 | 2191 | 0.23 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.30 | 212 | 19184 | 0.25 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.90 | 244 | 3509 | 0.18 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.37 | 88 | 594 | 0.374 | ng | # | 55 |
| 3) n-Nitrosodimethylamine | 3.69 | 42 | 317 | 0.222 | ng | # | 100 |
| 6) bis(2-Chloroethyl)ether | 7.29 | 93 | 522 | 0.181 | ng | | 89 |
| 9) Naphthalene | 10.71 | 128 | 8896 | 0.230 | ng | # | 97 |
| 10) Hexachlorobutadiene | 10.99 | 225 | 540 | 0.220 | ng | | 95 |
| 12) 2-Methylnaphthalene | 12.34 | 142 | 1354 | 0.216 | ng | | 97 |
| 16) Acenaphthylene | 14.24 | 152 | 2502 | 0.235 | ng | | 99 |
| 17) Acenaphthene | 14.59 | 154 | 1365 | 0.214 | ng | | 94 |
| 18) Fluorene | 15.57 | 166 | 1856 | 0.217 | ng | | 97 |
| 20) 4-Bromophenyl-phenylether | 16.46 | 248 | 580 | 0.183 | ng | | 90 |
| 21) Hexachlorobenzene | 16.58 | 284 | 759 | 0.222 | ng | | 98 |
| 22) Pentachlorophenol | 16.95 | 266 | 69 | 0.146 | ng | # | 77 |
| 23) Phenanthrene | 17.32 | 178 | 3247 | 0.226 | ng | | 99 |
| 24) Anthracene | 17.41 | 178 | 2584 | 0.202 | ng | | 99 |
| 26) Fluoranthene | 19.34 | 202 | 4797 | 0.253 | ng | | 98 |
| 28) Pyrene | 19.70 | 202 | 4832 | 0.194 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.44 | 228 | 5077 | 0.224 | ng | | 99 |
| 31) Chrysene | 21.50 | 228 | 5304 | 0.224 | ng | | 100 |
| 32) Bis(2-ethylhexyl)phthalate | 21.35 | 149 | 7795 | 0.169 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.69 | 276 | 5258 | 0.223 | ng | # | 86 |
| 35) Benzo(b)fluoranthene | 23.22 | 252 | 4761 | 0.234 | ng | | 96 |
| 36) Benzo(k)fluoranthene | 23.27 | 252 | 5401 | 0.228 | ng | | 97 |
| 37) Benzo(a)pyrene | 23.89 | 252 | 4897 | 0.233 | ng | # | 95 |
| 38) Dibenzo(a,h)anthracene | 26.72 | 278 | 4197 | 0.212 | ng | # | 93 |
| 39) Benzo(g,h,i)perylene | 27.50 | 276 | 4385 | 0.220 | ng | | 97 |

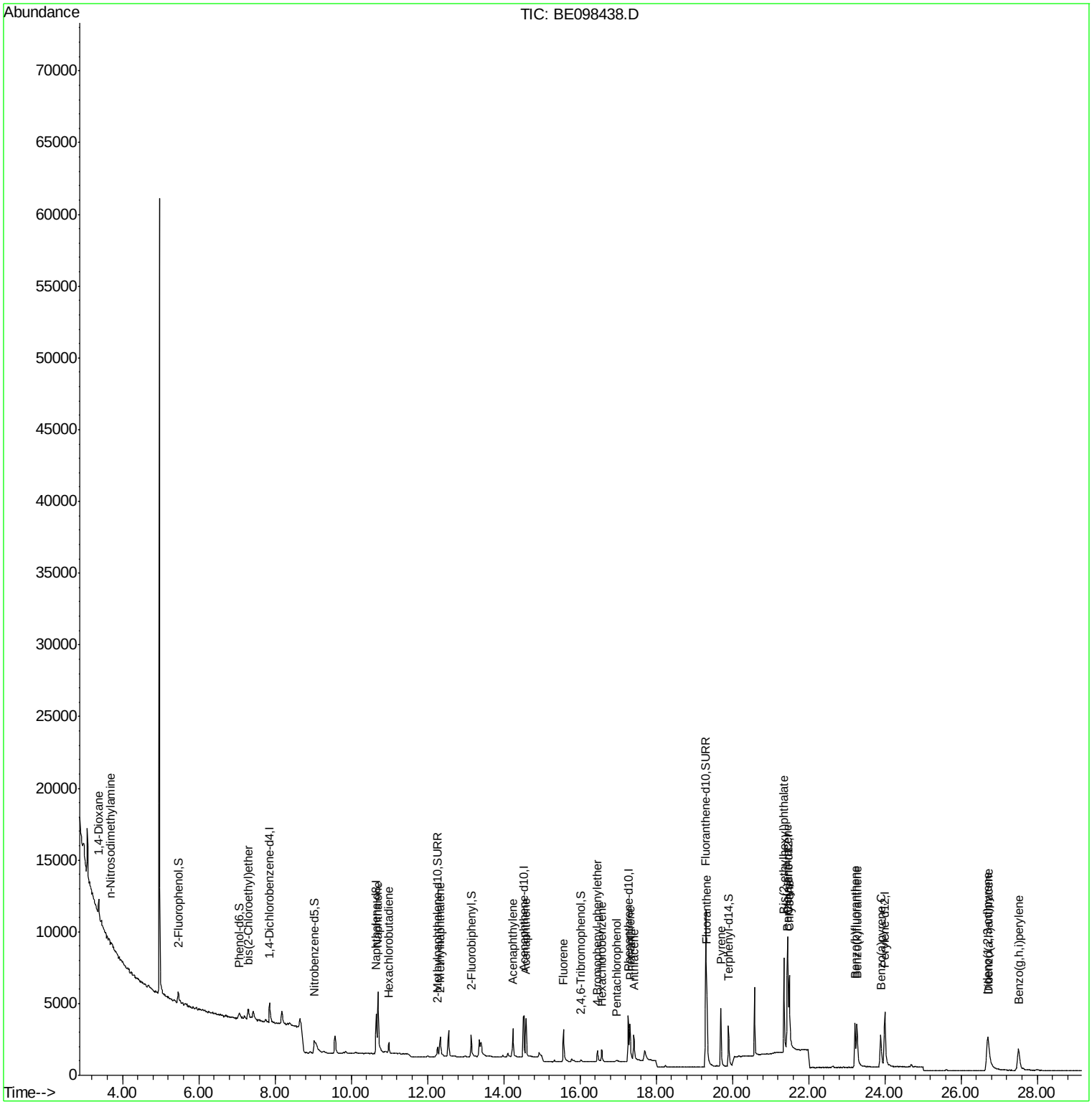
(#) = qualifier out of range (m) = manual integration (+) = signals summed

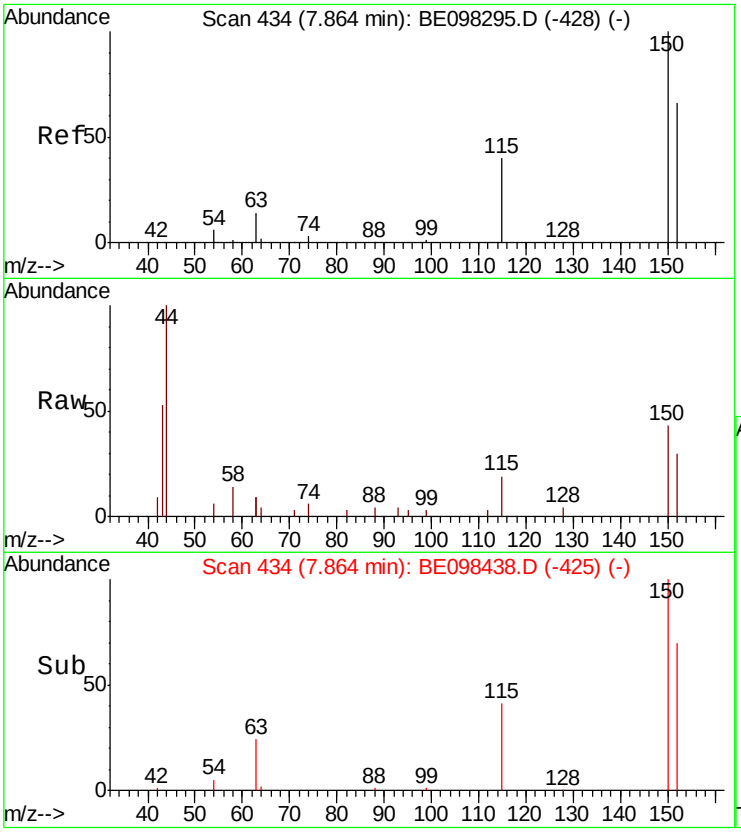
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121418\
Data File : BE098438.D
Acq On : 14 Dec 2018 16:32
Operator : SJ/JU
Sample : PB115633BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
PB115633BS

Quant Time: Dec 14 23:31:55 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 14:59:55 2018
Response via : Initial Calibration



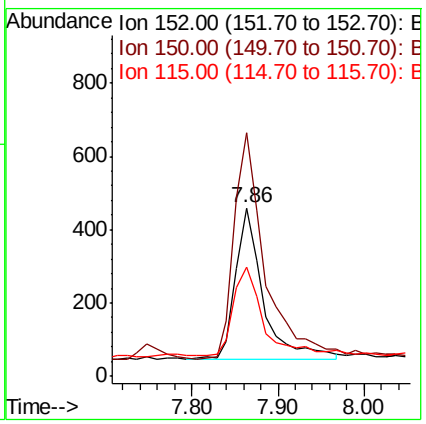


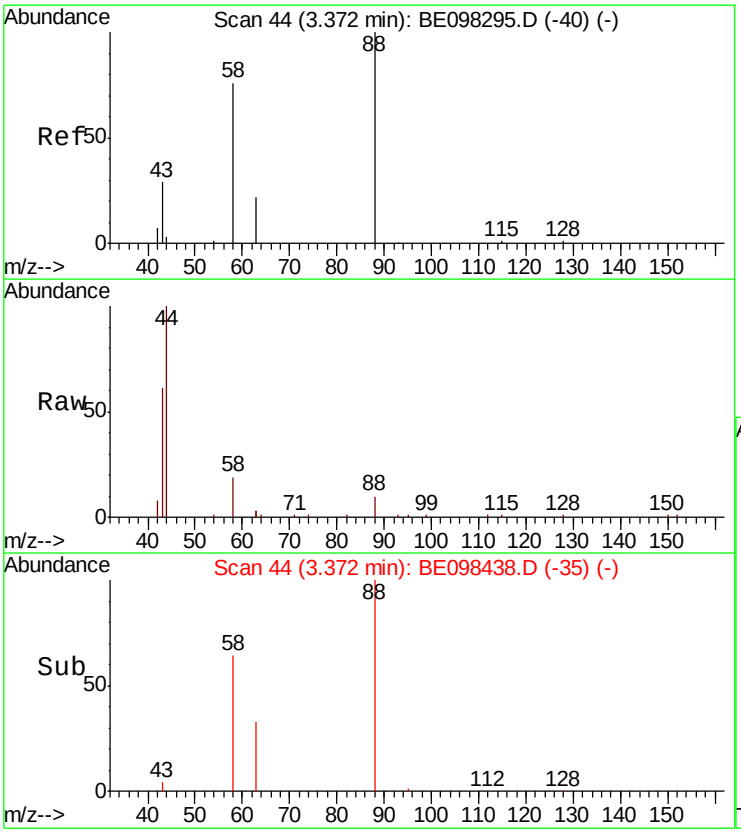

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

**Instrument :**
BNA_G
**ClientSampleId :**
PB115633BS

Tgt Ion:152 Resp: 918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 144.3 | 124.2 | 186.4 |
| 115 | 64.6 | 53.9 | 80.9 |

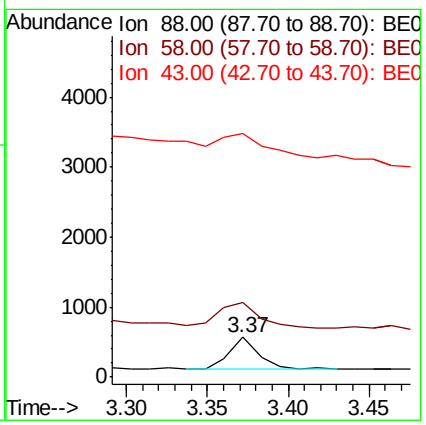


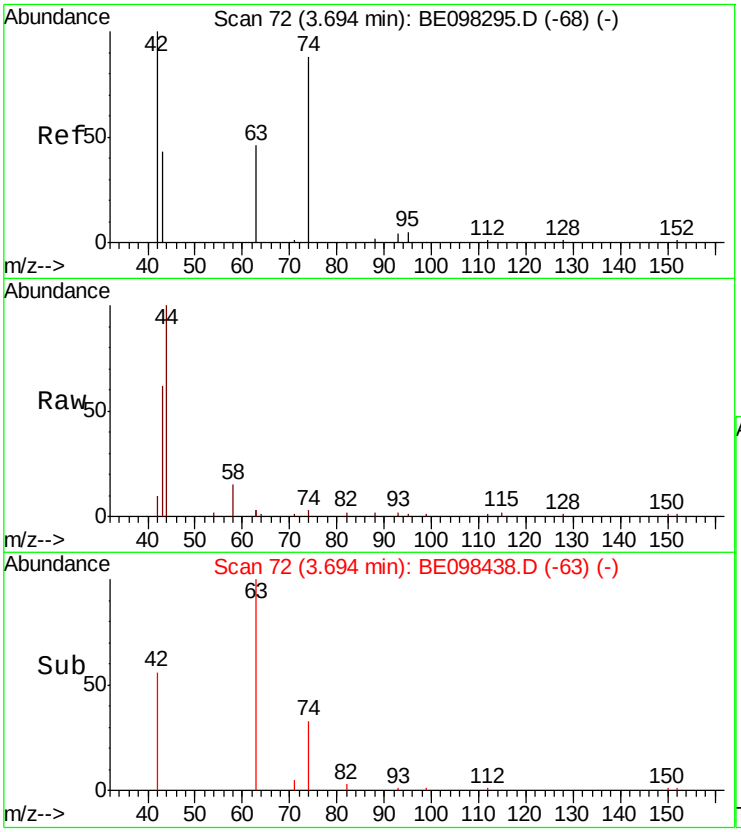




#2
1,4-Dioxane
Concen: 0.374 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion: 88 Resp: 594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 114.0 | 75.0 | 112.6# |
| 43 | 109.4 | 38.3 | 57.5# |



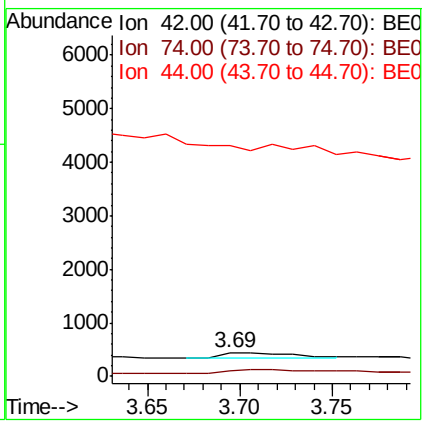


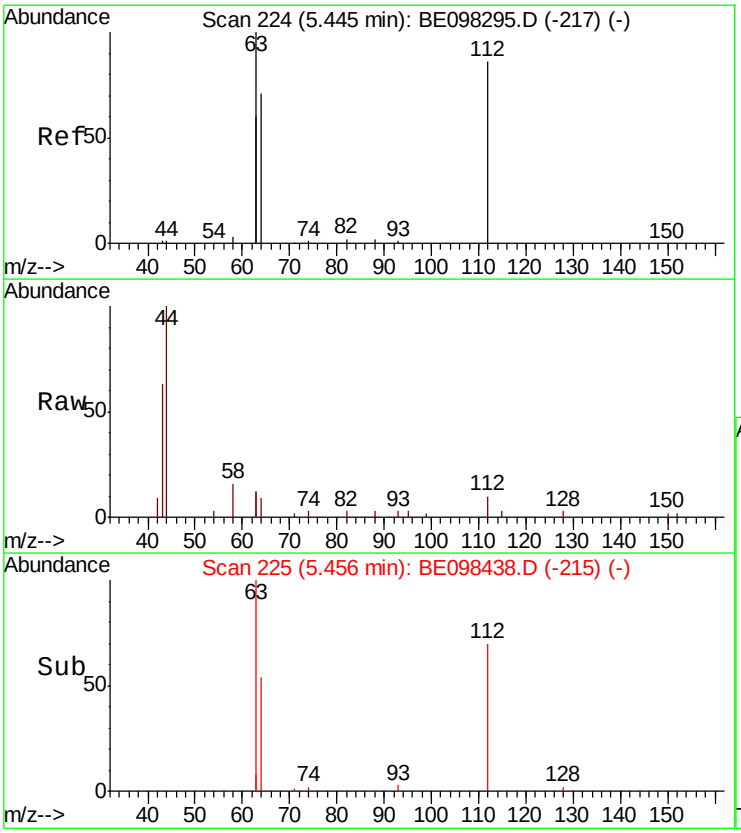

#3
n-Nitrosodimethylamine
Concen: 0.222 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

**Instrument :**
BNA_G
**ClientSampleId :**
PB115633BS

Tgt Ion: 42 Resp: 317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 77.3 | 0.0 | 0.0# |
| 44 | 0.0 | 0.0 | 0.0 |

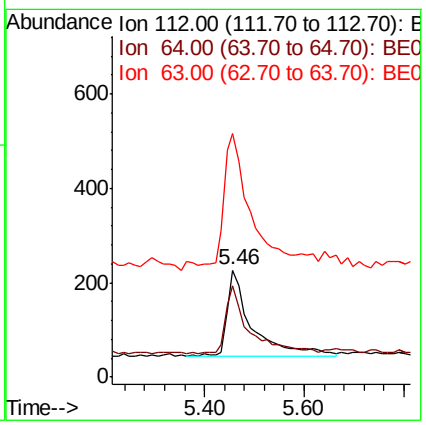


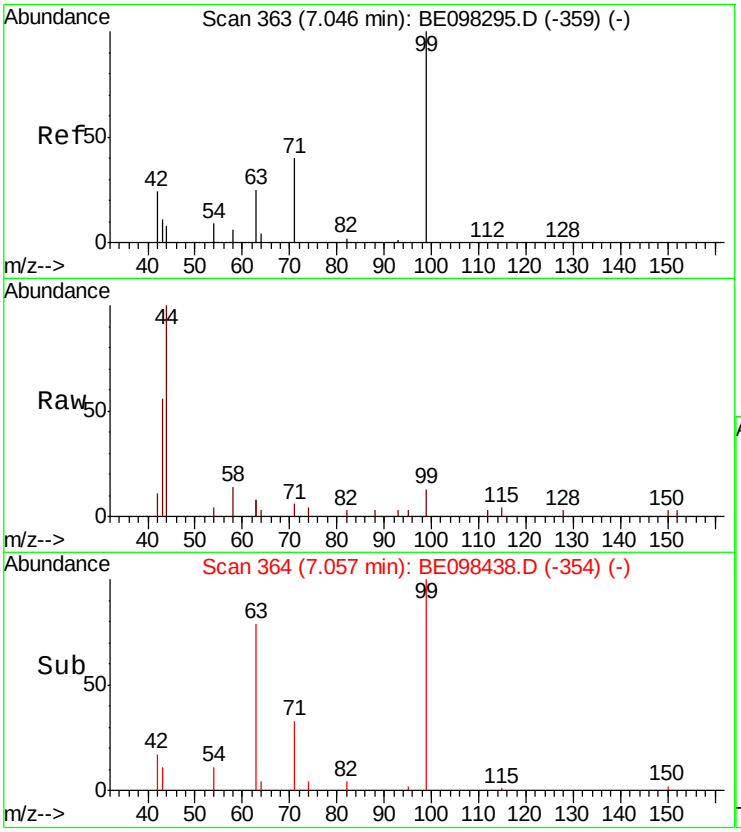




#4
2-Fluorophenol
Concen: 0.283 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion:112 Resp: 607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 77.9 | 59.8 | 89.8 |
| 63 | 157.8 | 133.7 | 200.5 |



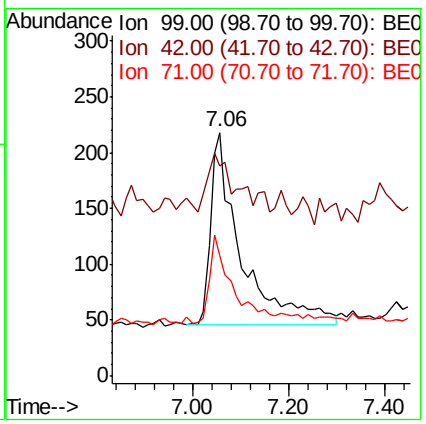


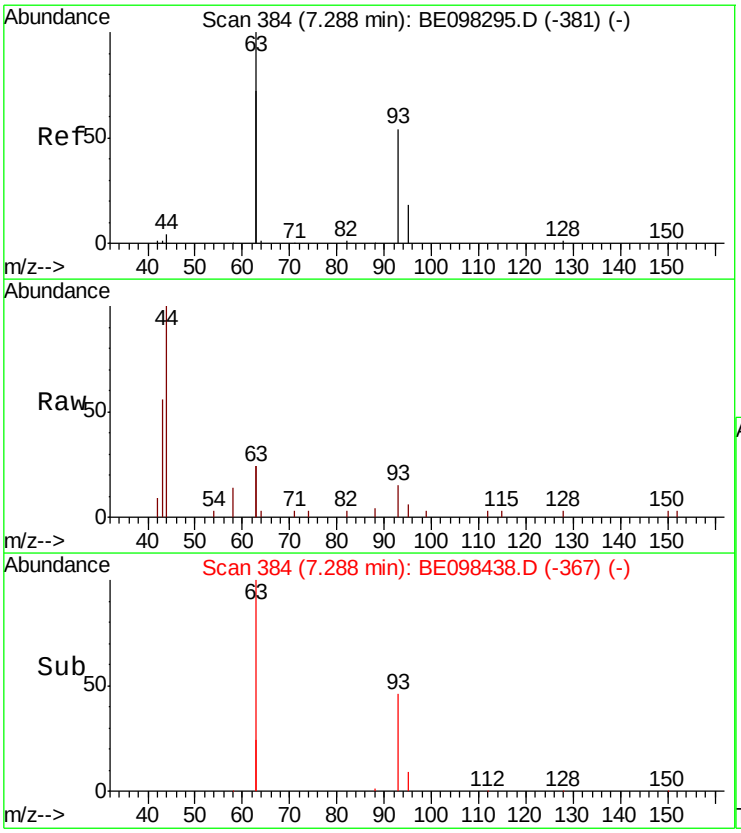

#5
Phenol-d6
Concen: 0.250 ng
RT: 7.06 min Scan# 364
Delta R.T. 0.01 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

**Instrument :**
BNA_G
**ClientSampleId :**
PB115633BS

Tgt Ion: 99 Resp: 761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 25.0 | 26.3 | 39.5# |
| 71 | 34.6 | 33.6 | 50.4 |

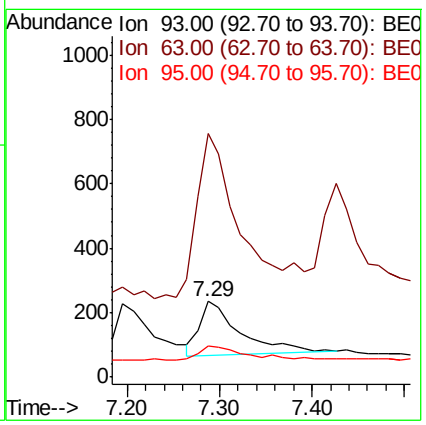


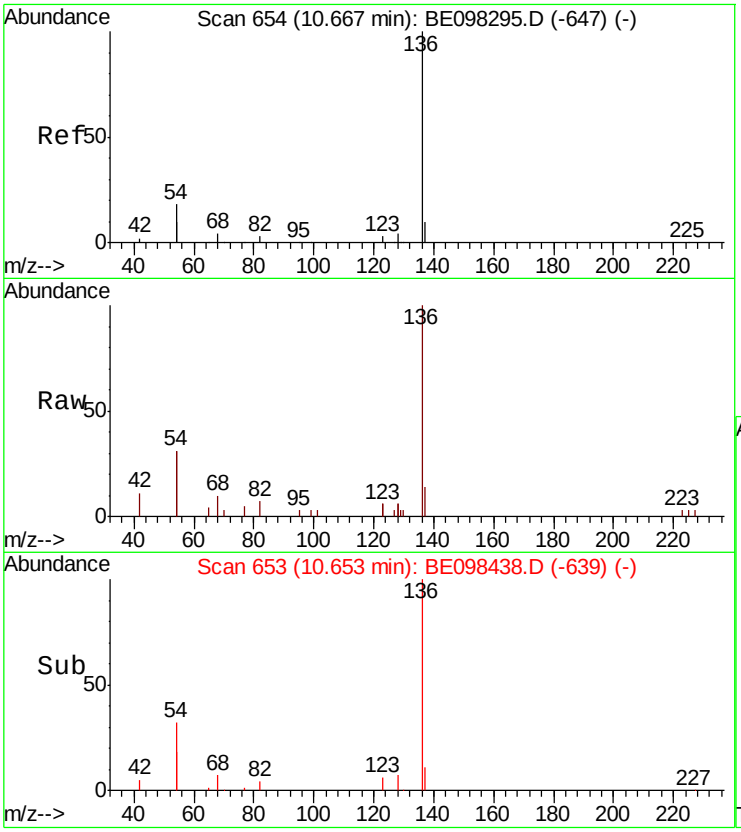




#6
bis(2-Chloroethyl)ether
Concen: 0.181 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion: 93 Resp: 522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 306.1 | 264.4 | 396.6 |
| 95 | 34.3 | 26.6 | 40.0 |



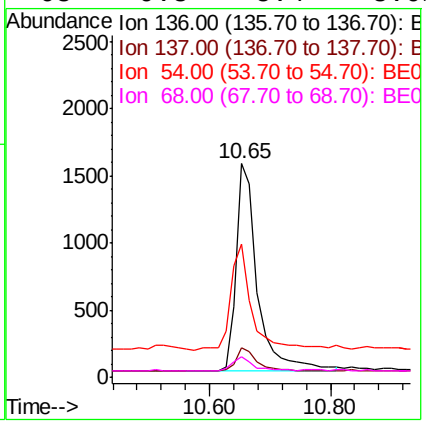


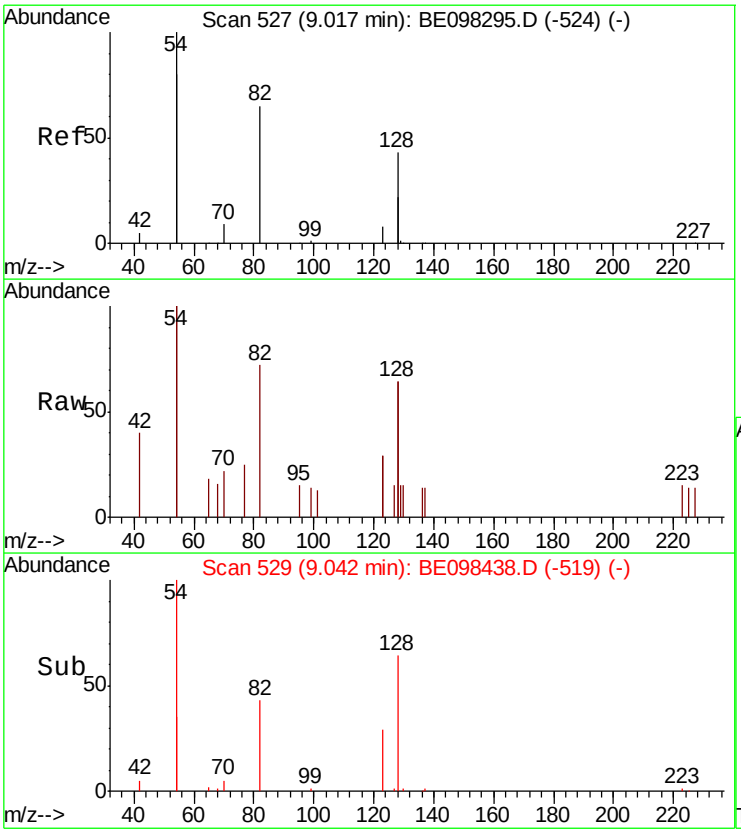

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

**Instrument :**
BNA_G
**ClientSampleId :**
PB115633BS

Tgt Ion:136 Resp: 3837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 13.7 | 9.2 | 13.8 |
| 54 | 62.3 | 28.4 | 42.6# |
| 68 | 9.8 | 5.4 | 8.0# |

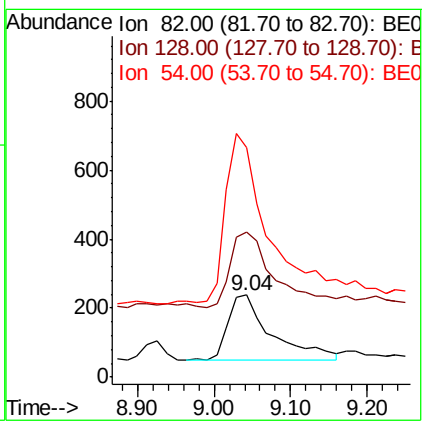


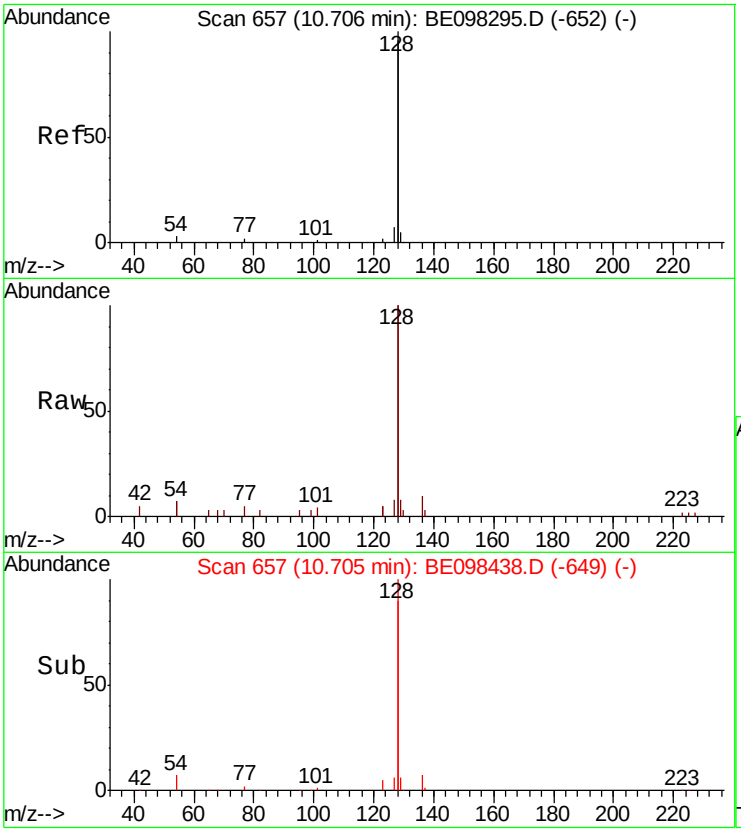




#8
Nitrobenzene-d5
Concen: 0.213 ng
RT: 9.04 min Scan# 529
Delta R.T. 0.03 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion: 82 Resp: 745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 177.3 | 102.4 | 153.6# |
| 54 | 279.0 | 221.8 | 332.8 |



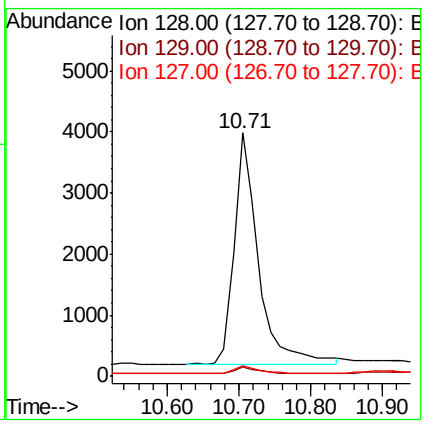


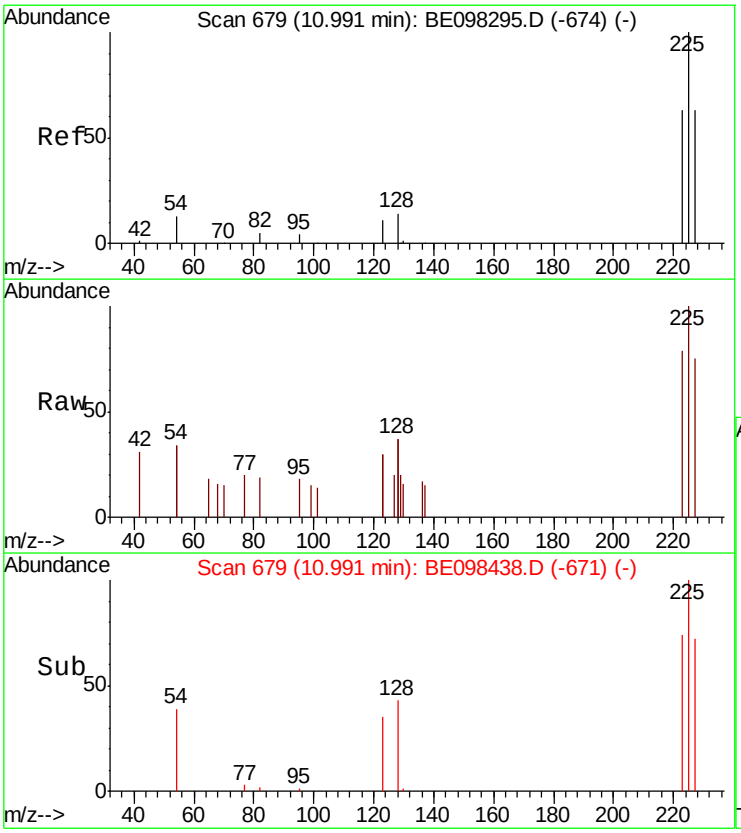

#9
Naphthalene
Concen: 0.230 ng
RT: 10.71 min Scan# 657
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

**Instrument :**
BNA_G
**ClientSampleId :**
PB115633BS

Tgt Ion:128 Resp: 8896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 4.1 | 2.5 | 3.7# |
| 127 | 4.2 | 2.7 | 4.1# |

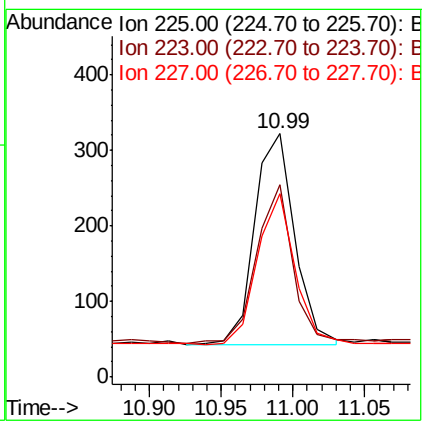


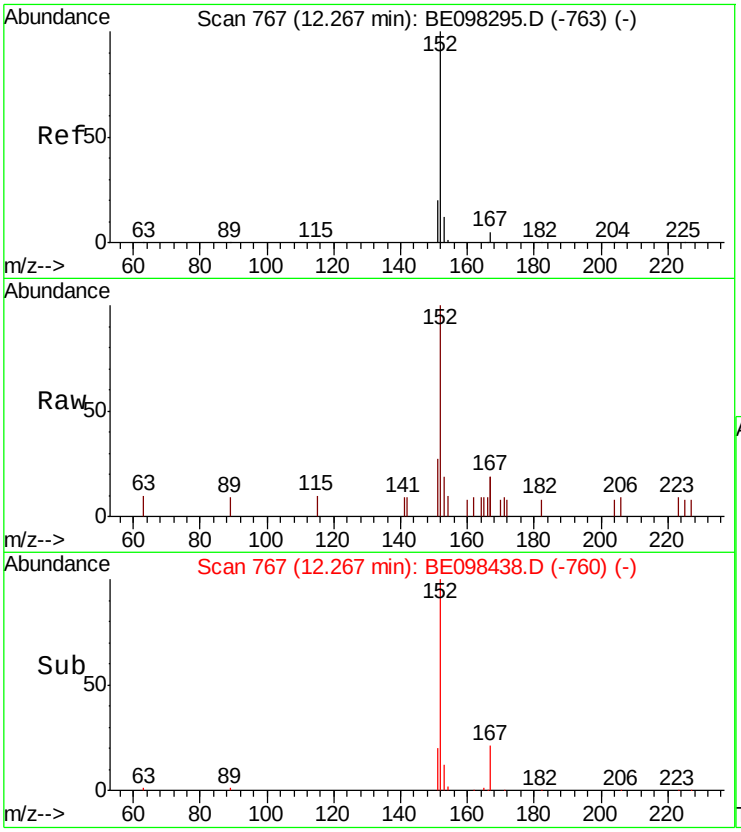




#10
Hexachlorobutadiene
Concen: 0.220 ng
RT: 10.99 min Scan# 679
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion:225 Resp: 540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 67.8 | 49.4 | 74.0 |
| 227 | 67.0 | 52.0 | 78.0 |



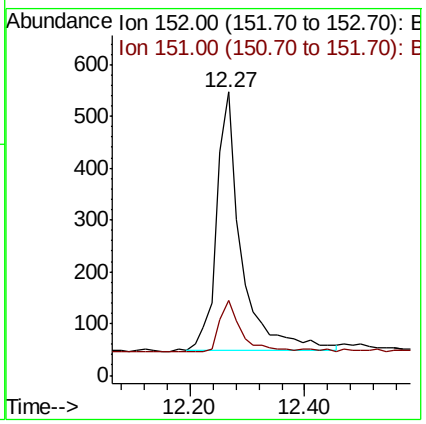


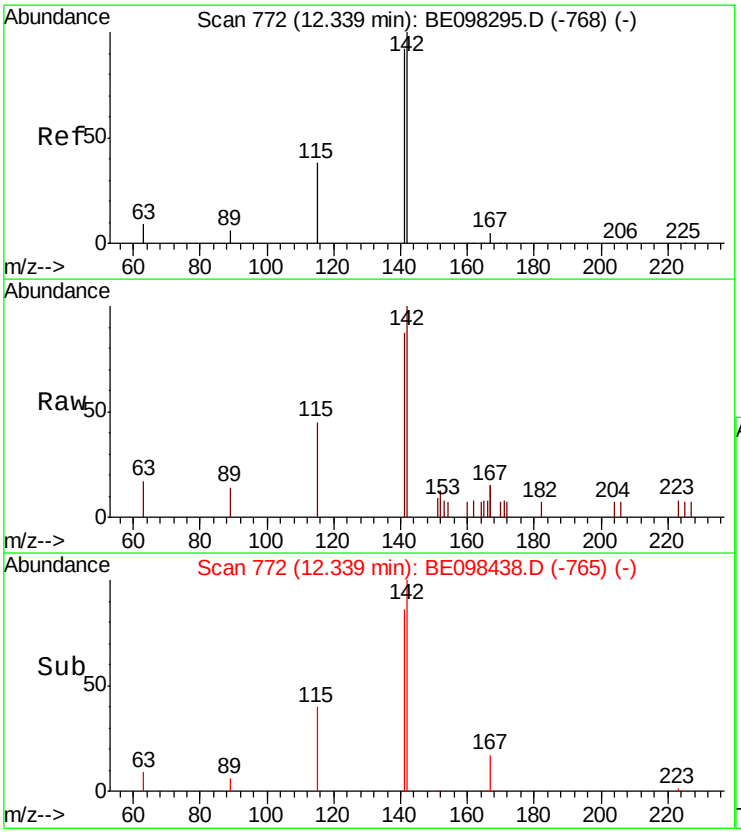

#11
2-Methylnaphthalene-d10
Concen: 0.237 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

**Instrument :**
BNA_G
**ClientSampleId :**
PB115633BS

Tgt Ion:152 Resp: 1478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 16.6 | 16.2 | 24.4 |

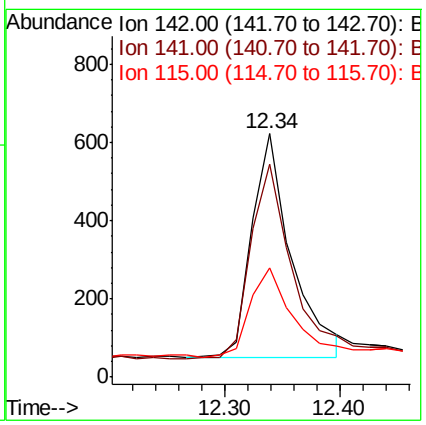


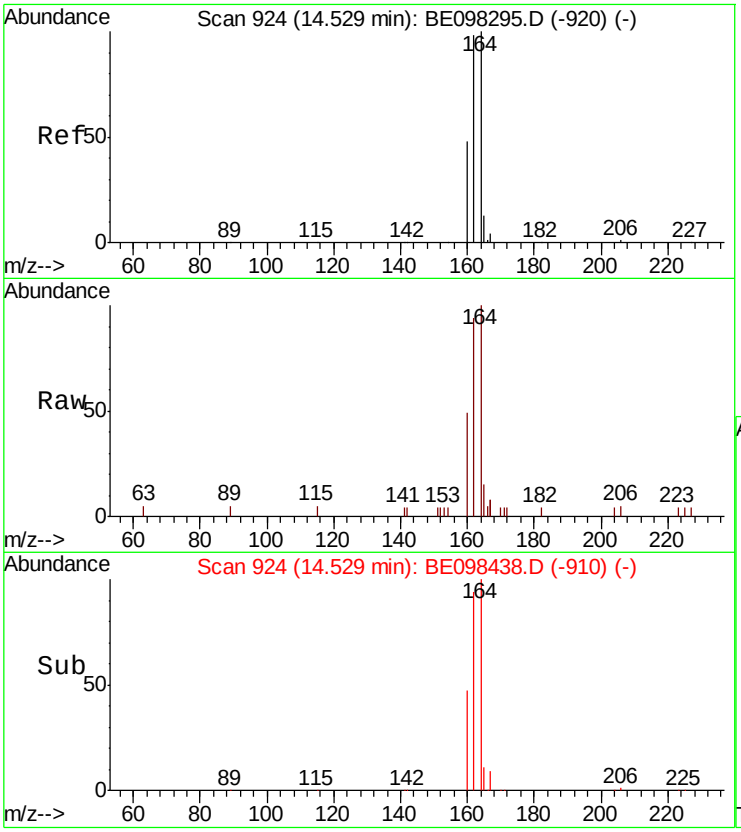




#12
2-Methylnaphthalene
Concen: 0.216 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion:142 Resp: 1354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.2 | 71.0 | 106.6 |
| 115 | 44.6 | 32.2 | 48.2 |



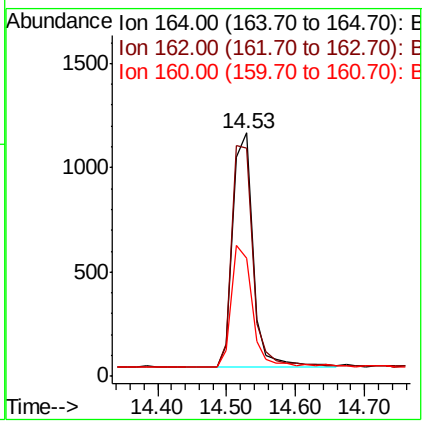


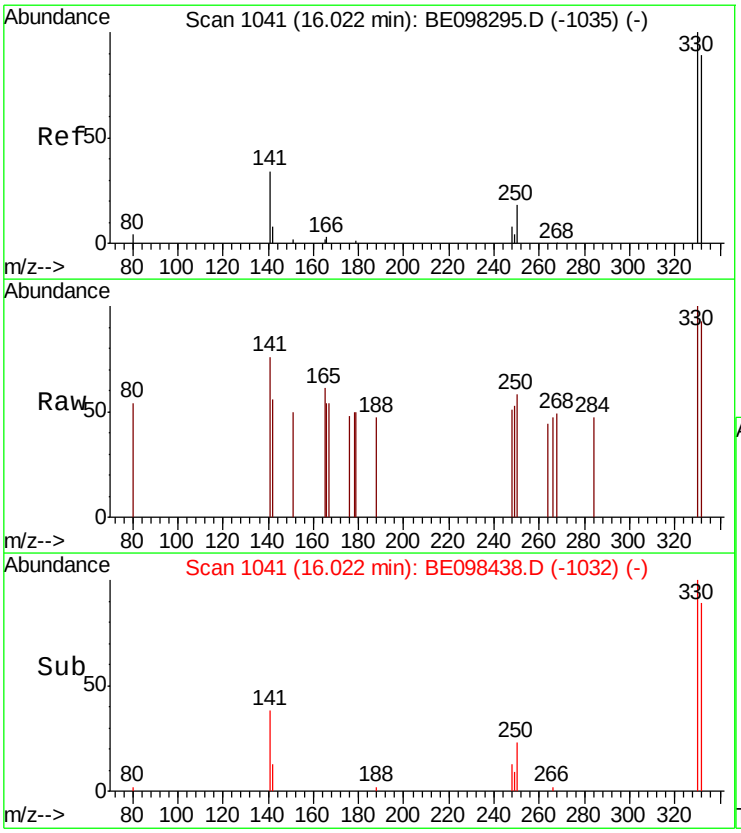

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

**Instrument :**
BNA_G
**ClientSampleId :**
PB115633BS

Tgt Ion:164 Resp: 2268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 93.8 | 77.6 | 116.4 |
| 160 | 48.6 | 36.0 | 54.0 |

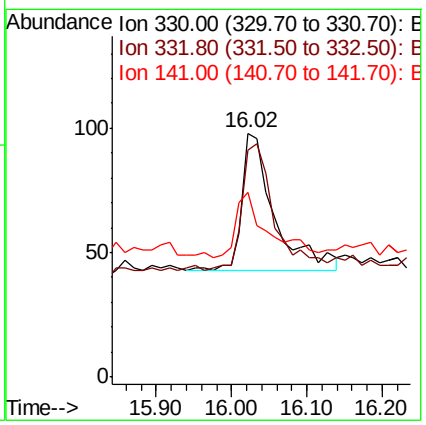


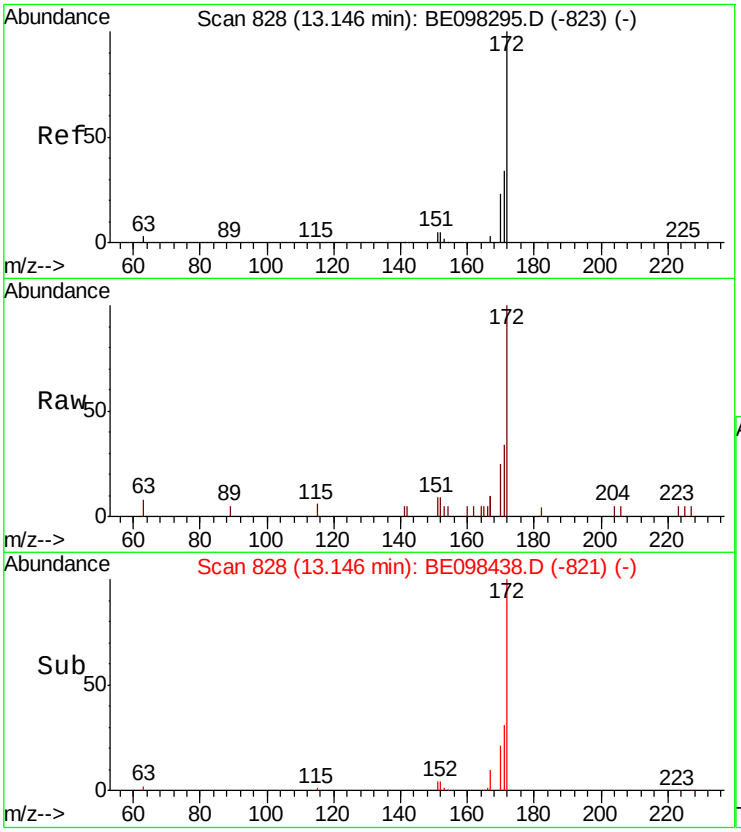




#14
2,4,6-Tribromophenol
Concen: 0.197 ng
RT: 16.02 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion:330 Resp: 164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 91.5 | 76.2 | 114.4 |
| 141 | 47.0 | 39.0 | 58.4 |



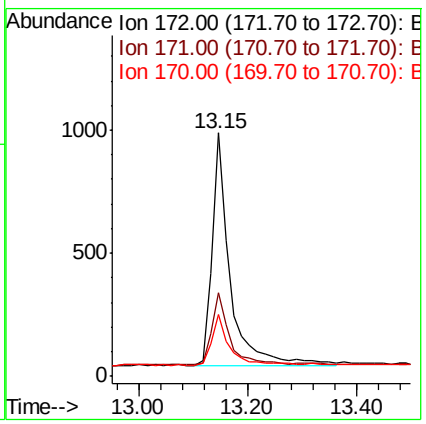


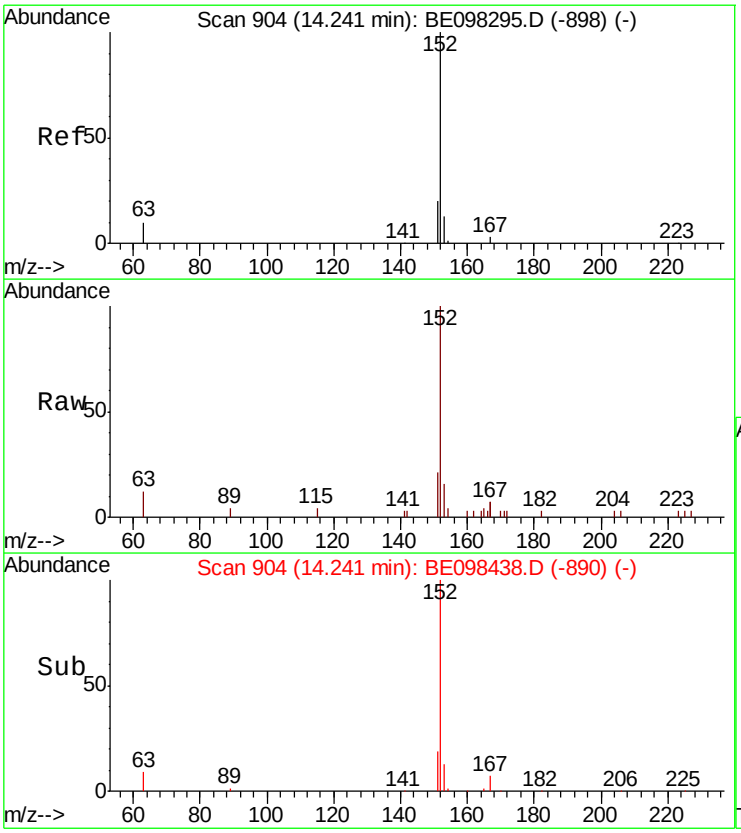

#15
2-Fluorobiphenyl
Concen: 0.229 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

**Instrument :**
BNA_G
**ClientSampleId :**
PB115633BS

Tgt Ion:172 Resp: 2191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.2 | 27.5 | 41.3 |
| 170 | 25.2 | 19.6 | 29.4 |

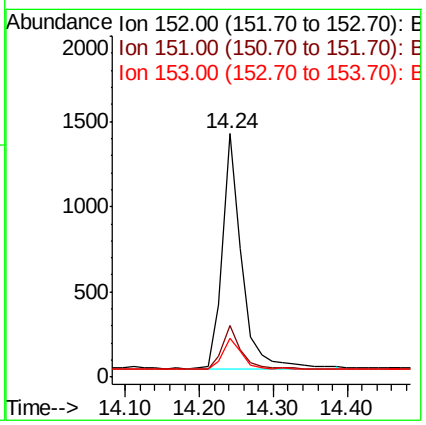


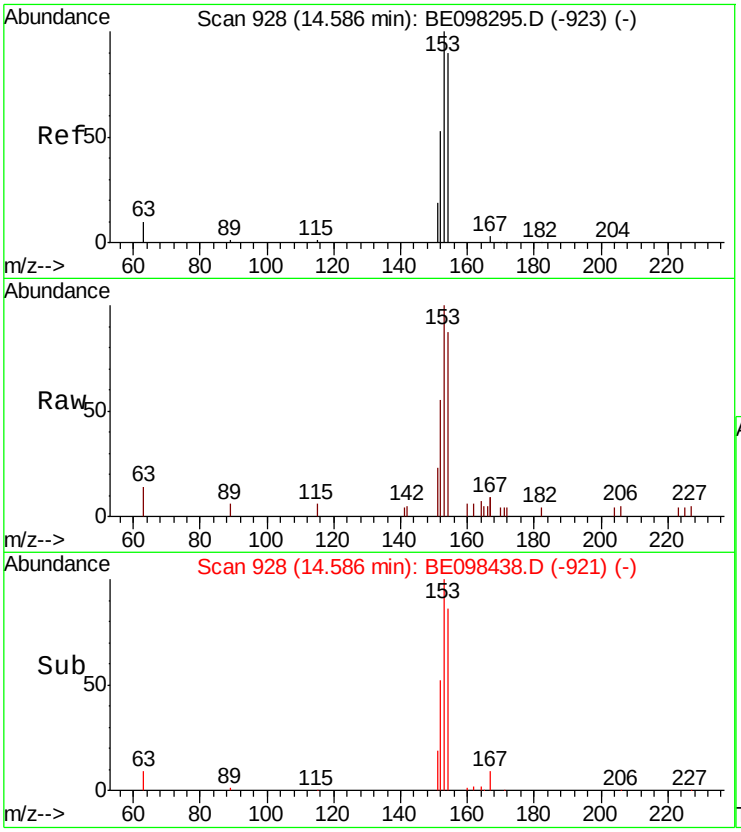




#16
Acenaphthylene
Concen: 0.235 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion:152 Resp: 2502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 18.6 | 15.5 | 23.3 |
| 153 | 13.5 | 10.6 | 16.0 |



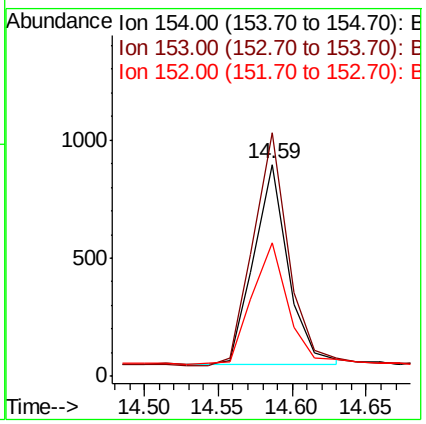


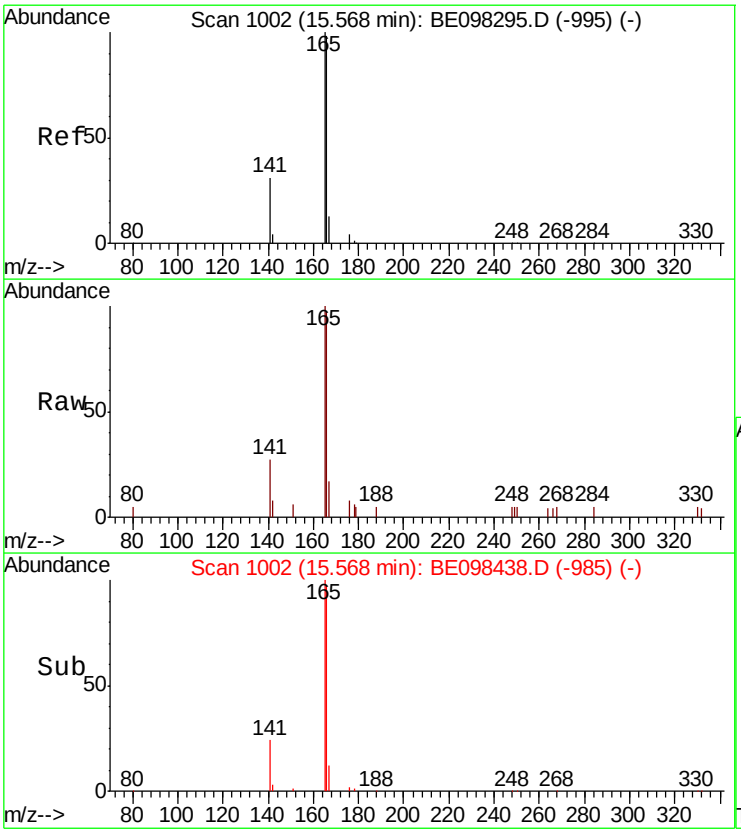

#17
Acenaphthene
Concen: 0.214 ng
RT: 14.59 min Scan# 928
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

**Instrument :**
BNA_G
**ClientSampleId :**
PB115633BS

Tgt Ion:154 Resp: 1365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 119.4 | 91.8 | 137.6 |
| 152 | 63.6 | 45.5 | 68.3 |

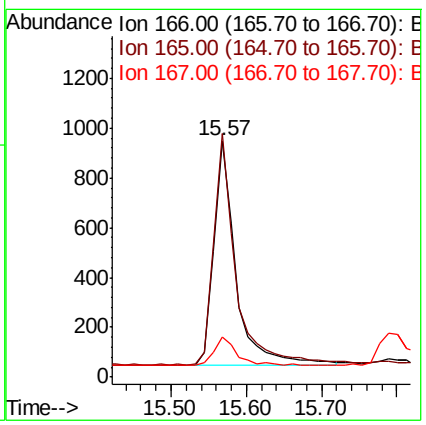


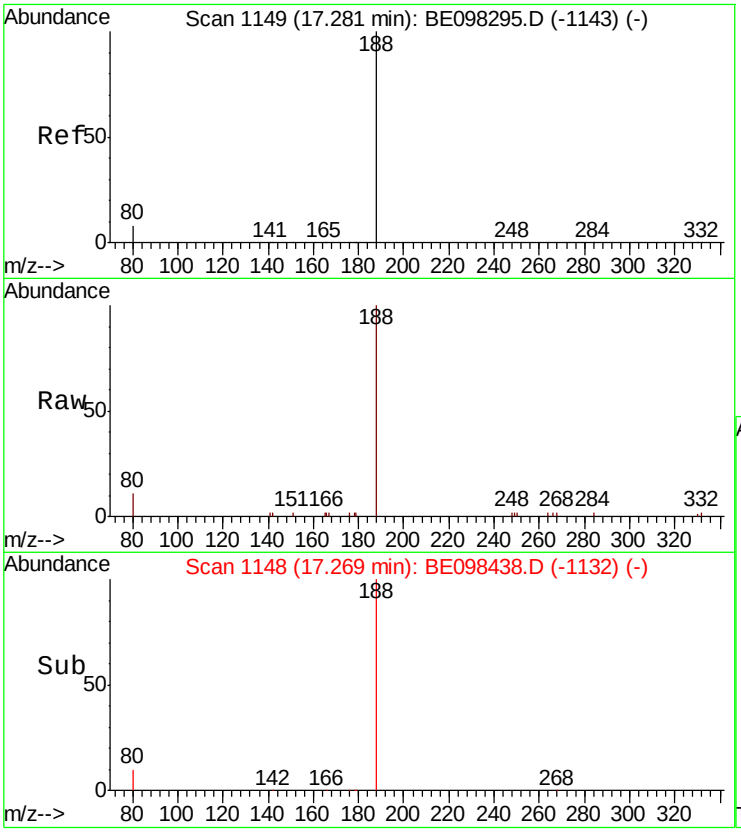




#18
Fluorene
Concen: 0.217 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion:166 Resp: 1856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 102.0 | 79.3 | 118.9 |
| 167 | 13.1 | 11.3 | 16.9 |



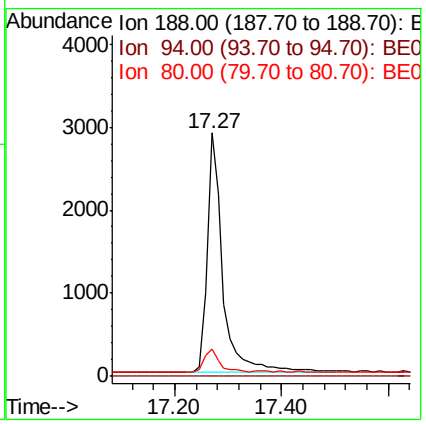


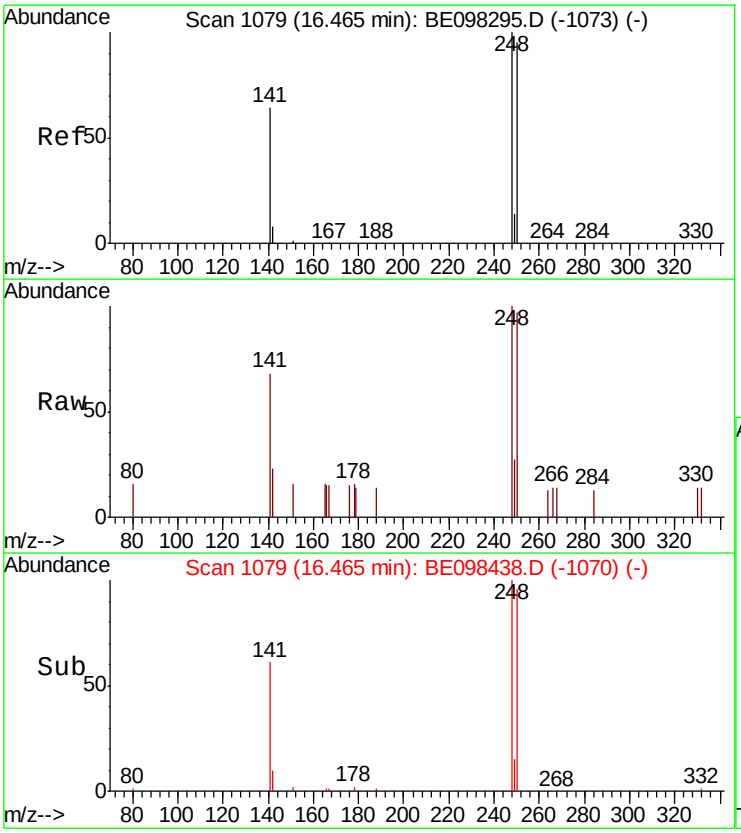

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

**Instrument :**
BNA_G
**ClientSampleId :**
PB115633BS

Tgt Ion:188 Resp: 5902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 11.3 | 7.2 | 10.8# |

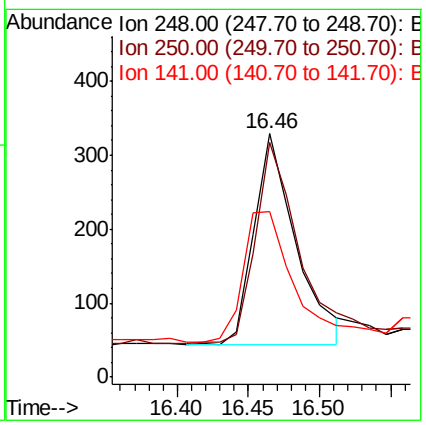


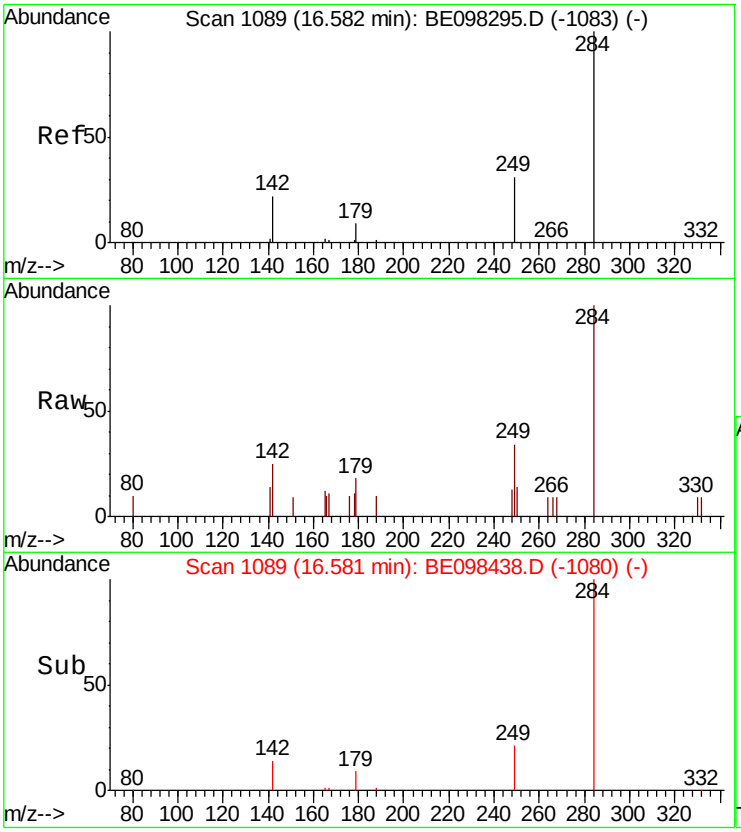




#20
4-Bromophenyl-phenylether
Concen: 0.183 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion:248 Resp: 580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.7 | 71.0 | 106.6 |
| 141 | 68.1 | 62.1 | 93.1 |



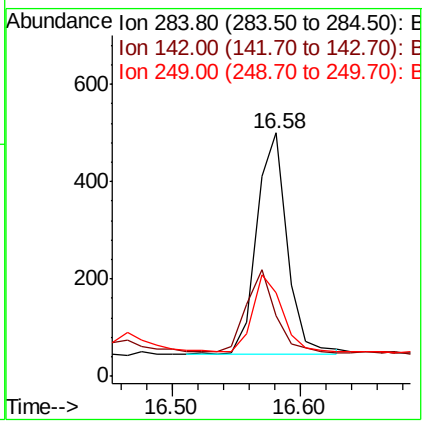


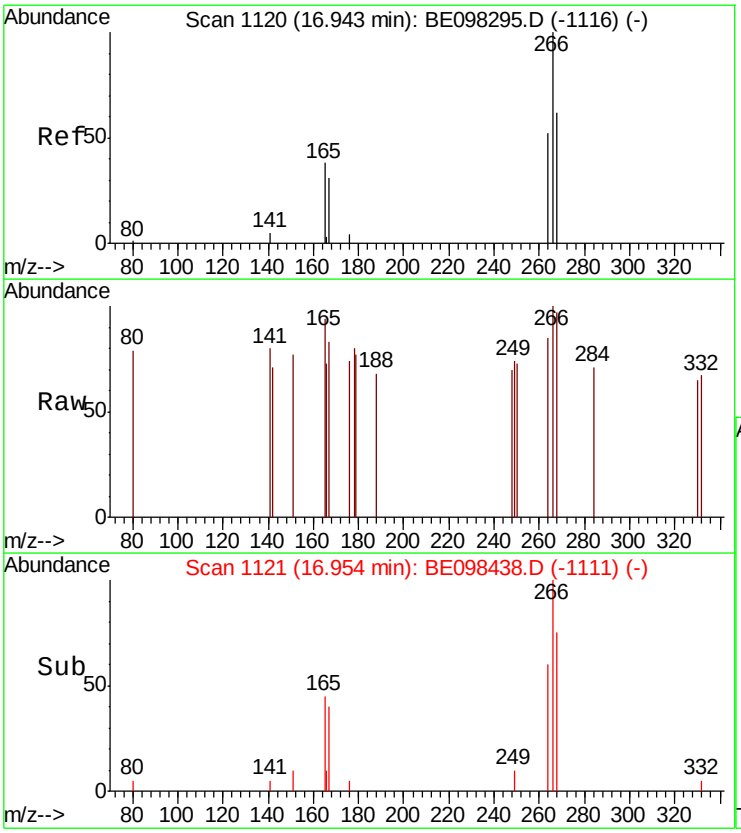

#21
Hexachlorobenzene
Concen: 0.222 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

**Instrument :**
BNA_G
**ClientSampleId :**
PB115633BS

Tgt Ion:284 Resp: 759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 35.4 | 26.3 | 39.5 |
| 249 | 32.3 | 26.0 | 39.0 |

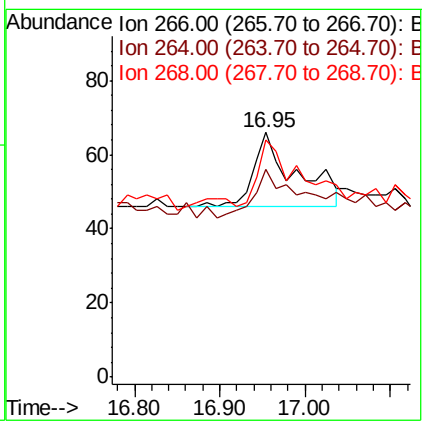


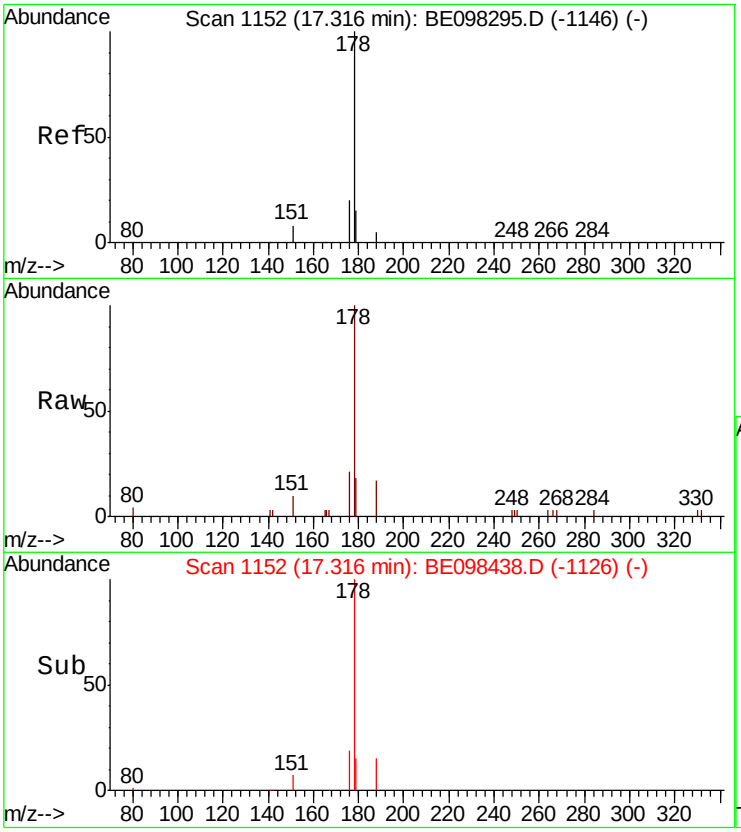




#22
Pentachlorophenol
Concen: 0.146 ng
RT: 16.95 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion:266 Resp: 69

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 84.8 | 59.0 | 88.4 |
| 268 | 97.0 | 55.1 | 82.7# |



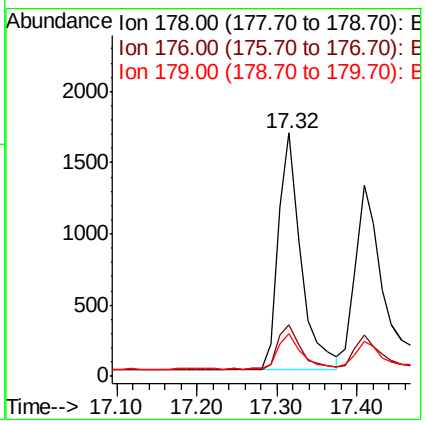


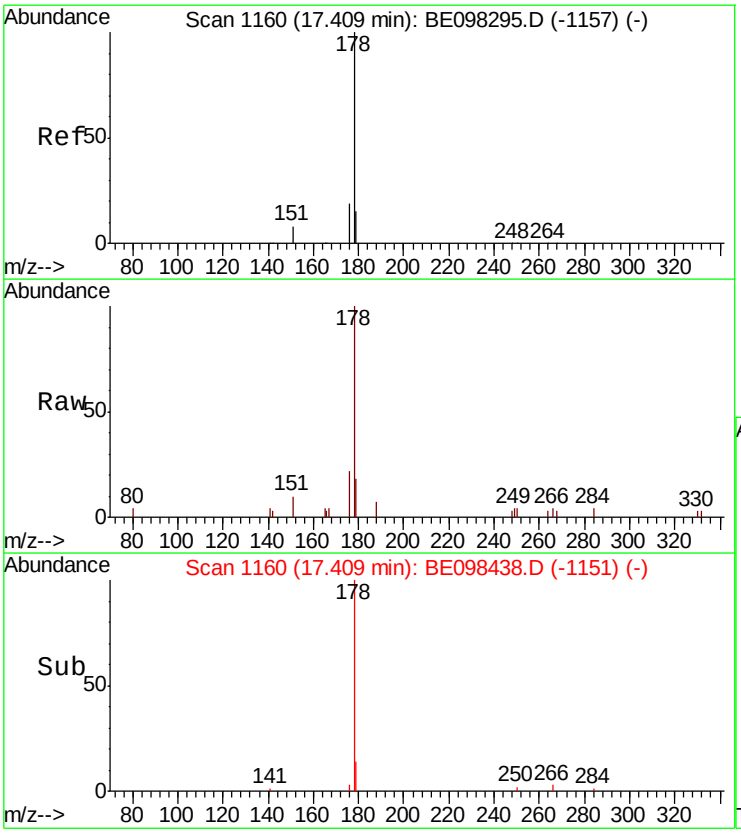

#23
Phenanthrene
Concen: 0.226 ng
RT: 17.32 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

**Instrument :**
BNA_G
**ClientSampleId :**
PB115633BS

Tgt Ion:178 Resp: 3247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.0 | 15.9 | 23.9 |
| 179 | 16.2 | 12.3 | 18.5 |

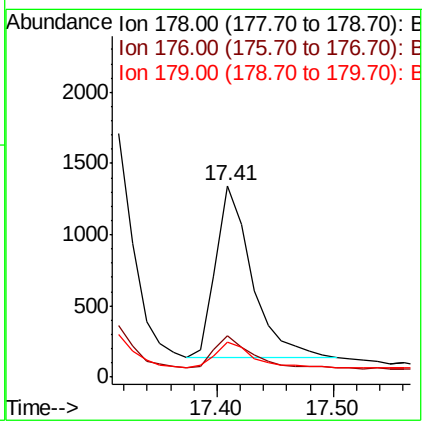


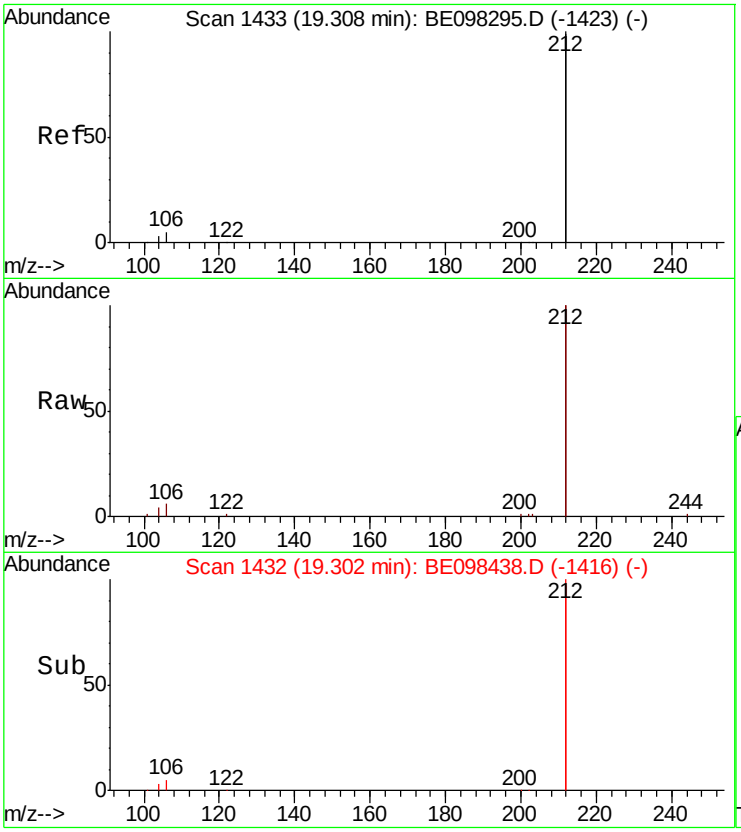




#24
Anthracene
Concen: 0.202 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion:178 Resp: 2584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.0 | 15.0 | 22.4 |
| 179 | 16.4 | 12.3 | 18.5 |



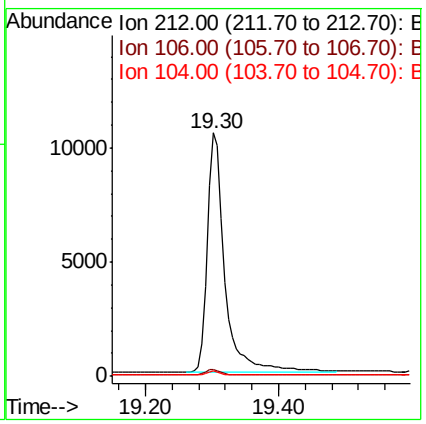


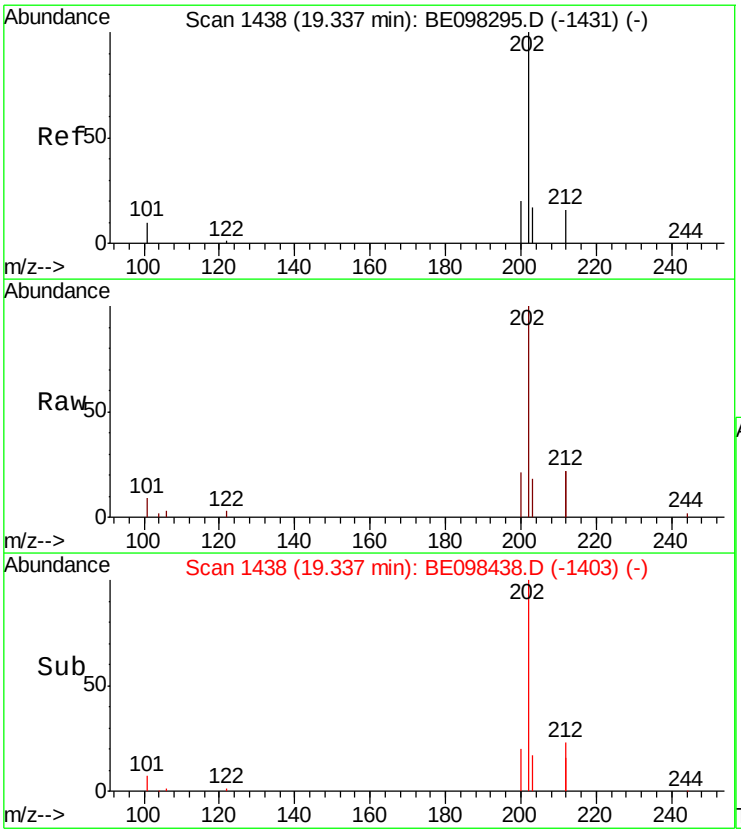

#25
Fluoranthene-d10
Concen: 0.253 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

**Instrument :**
BNA_G
**ClientSampleId :**
PB115633BS

Tgt Ion:212 Resp: 19184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 2.5 | 2.2 | 3.2 |
| 104 | 1.4 | 1.3 | 1.9 |

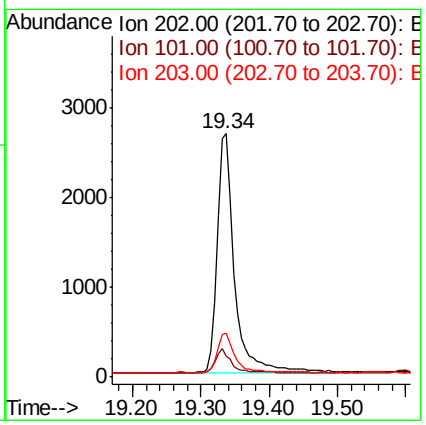


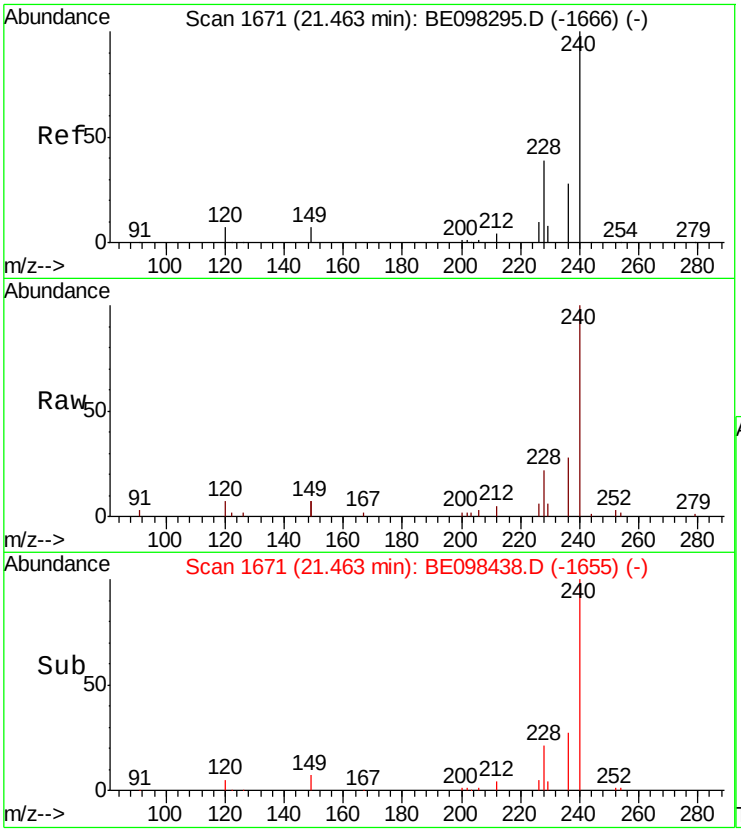




#26
Fluoranthene
Concen: 0.253 ng
RT: 19.34 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion:202 Resp: 4797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.8 | 8.0 | 12.0 |
| 203 | 16.7 | 13.8 | 20.6 |



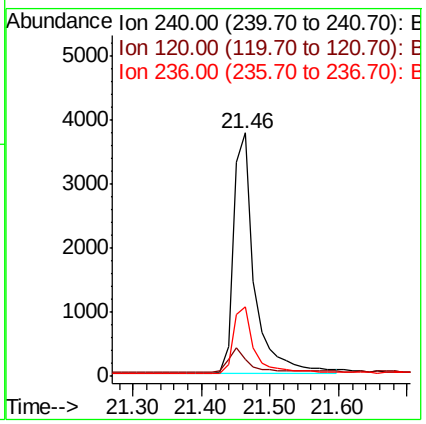


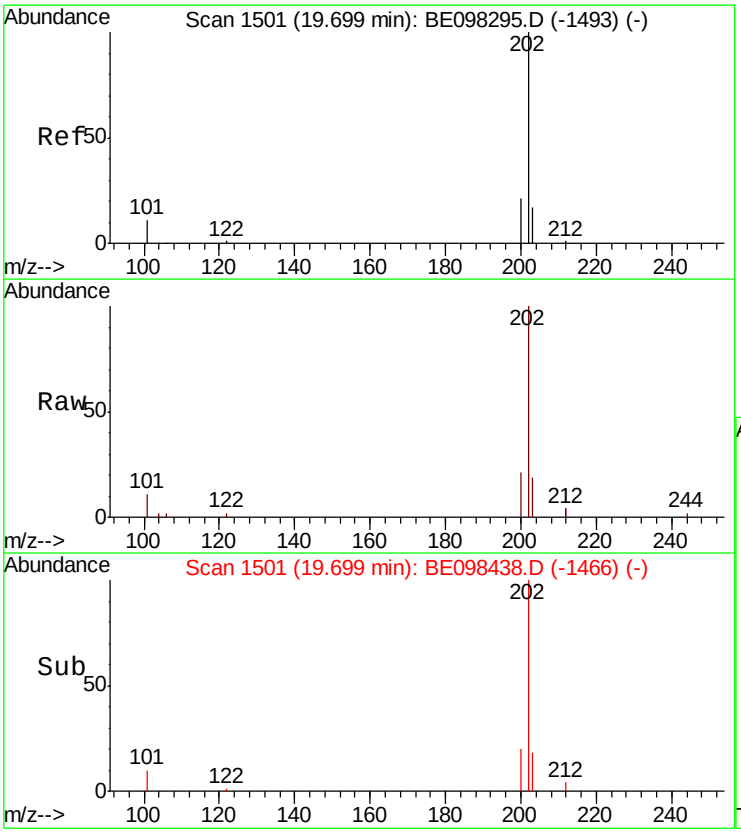

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

**Instrument :**
BNA_G
**ClientSampleId :**
PB115633BS

Tgt Ion:240 Resp: 7954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.0 | 9.5 | 14.3# |
| 236 | 28.4 | 22.7 | 34.1 |

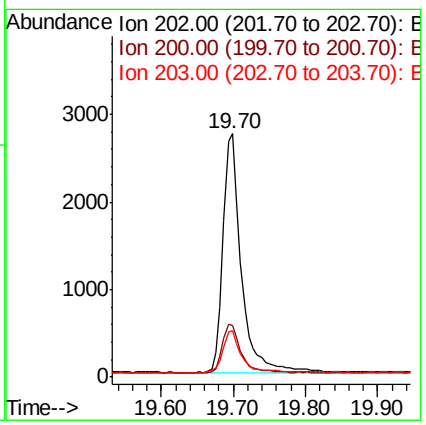


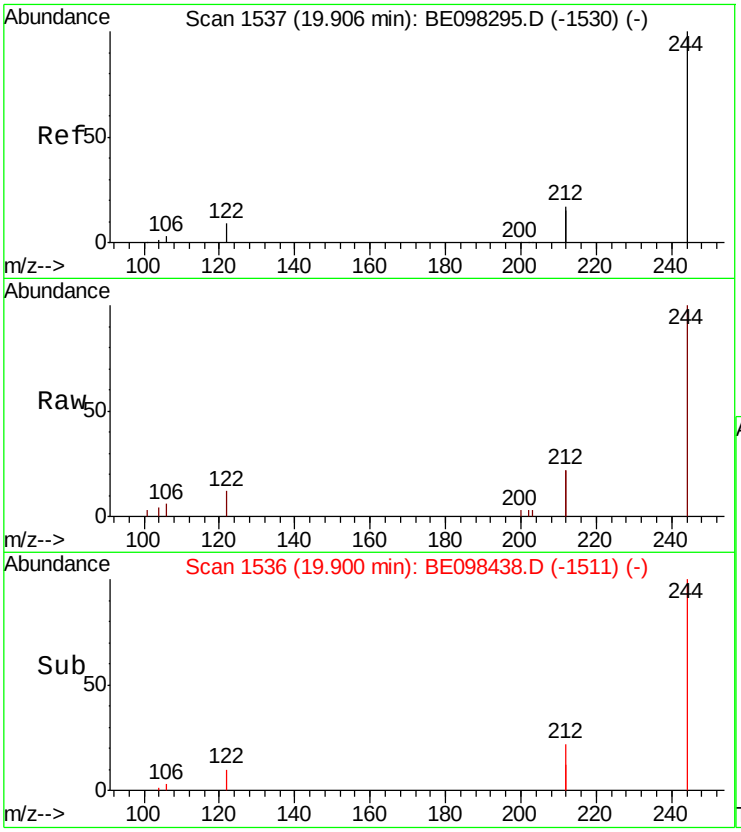




#28
Pyrene
Concen: 0.194 ng
RT: 19.70 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion:202 Resp: 4832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.7 | 16.7 | 25.1 |
| 203 | 17.6 | 14.1 | 21.1 |



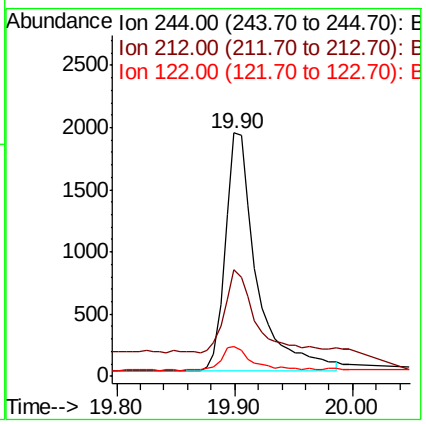


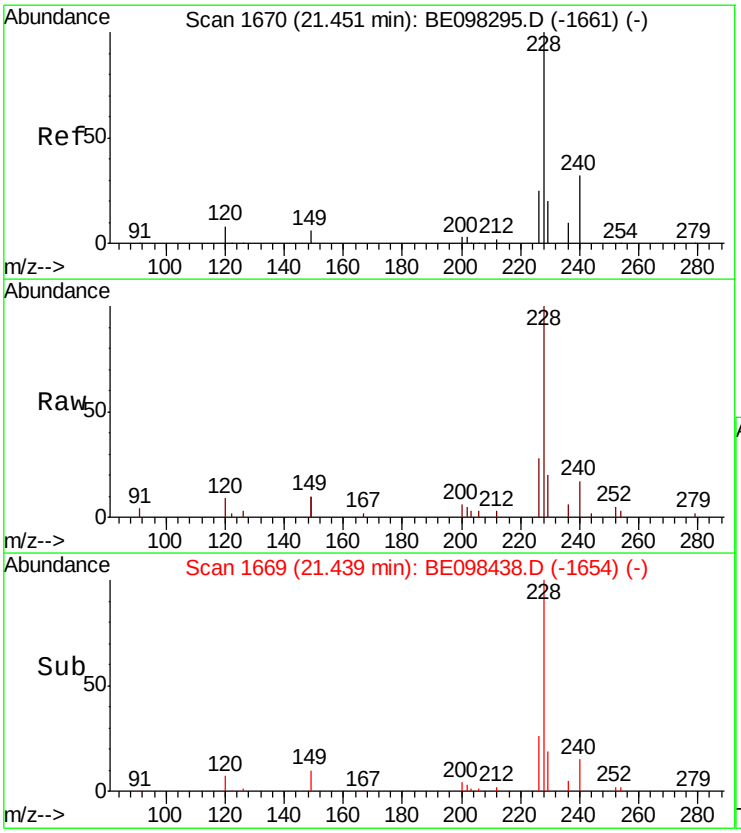

#29
Terphenyl-d14
Concen: 0.182 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

**Instrument :**
BNA_G
**ClientSampleId :**
PB115633BS

Tgt Ion:244 Resp: 3509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 43.8 | 27.4 | 41.0# |
| 122 | 12.3 | 8.3 | 12.5 |

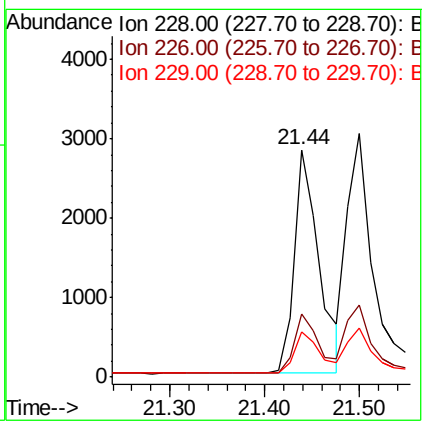


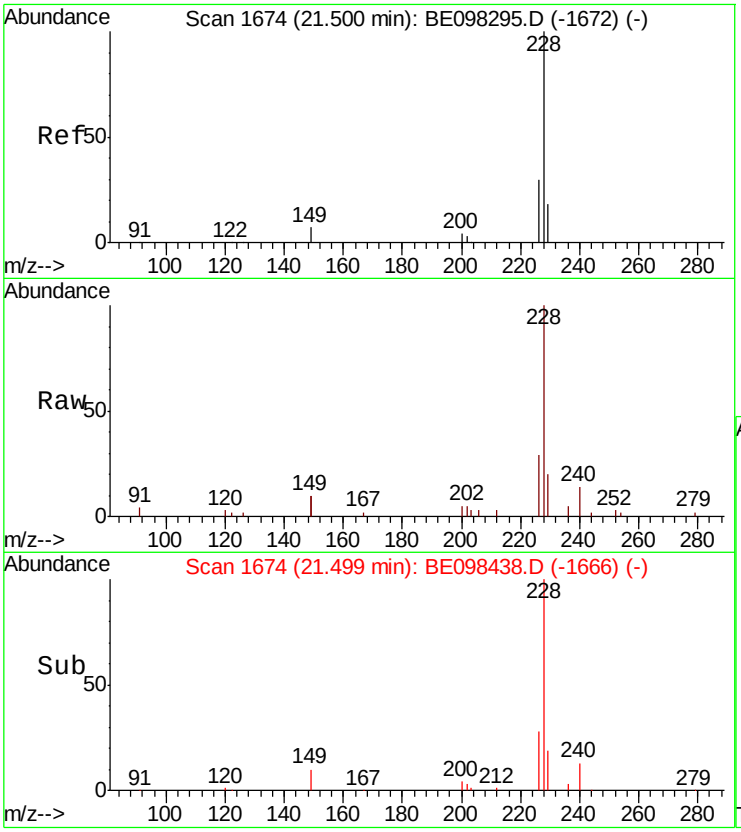




#30
Benzo(a)anthracene
Concen: 0.224 ng
RT: 21.44 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion:228 Resp: 5077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.7 | 21.8 | 32.8 |
| 229 | 20.1 | 16.3 | 24.5 |



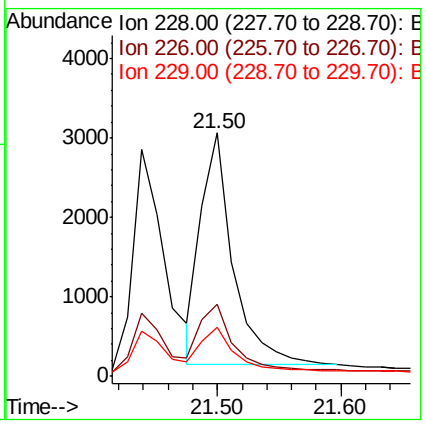


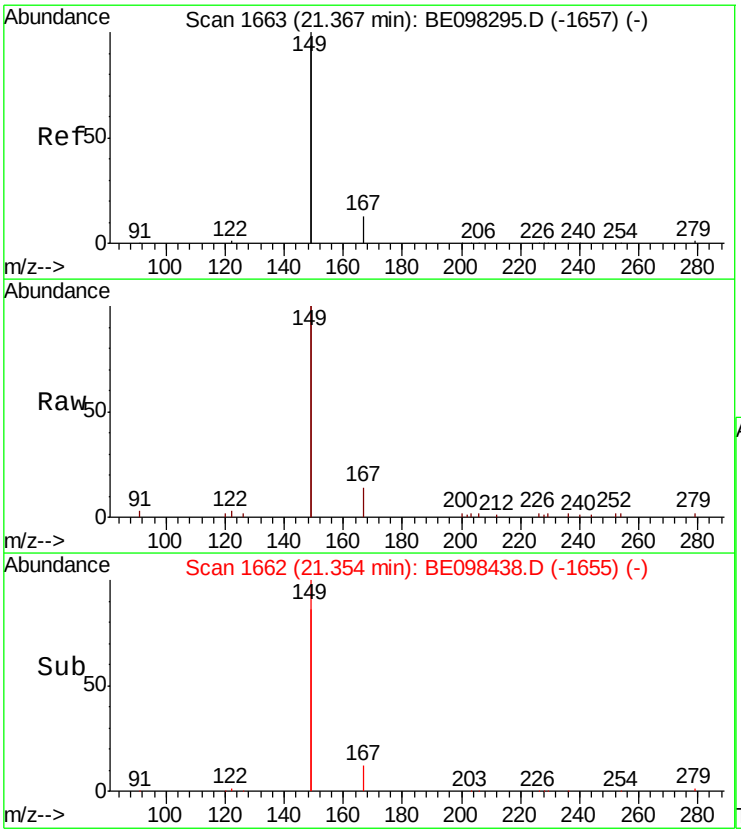

#31
Chrysene
Concen: 0.224 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

**Instrument :**
BNA_G
**ClientSampleId :**
PB115633BS

Tgt Ion:228 Resp: 5304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.4 | 23.4 | 35.0 |
| 229 | 20.4 | 16.2 | 24.4 |

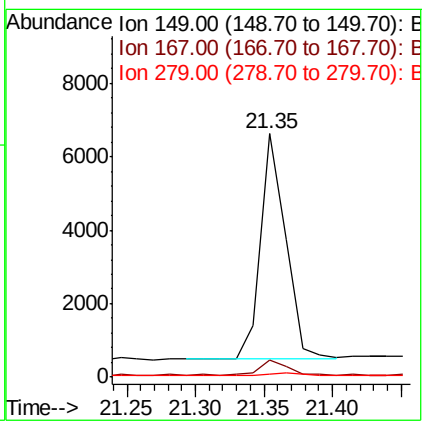


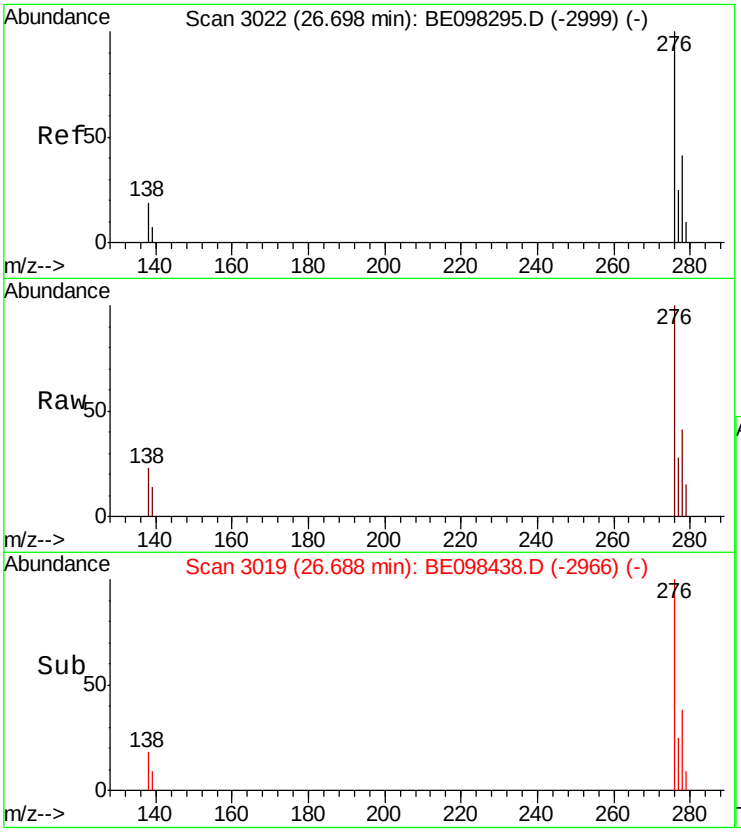




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.169 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion:149 Resp: 7795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 7.1 | 5.7 | 8.5 |
| 279 | 1.2 | 1.0 | 1.4 |



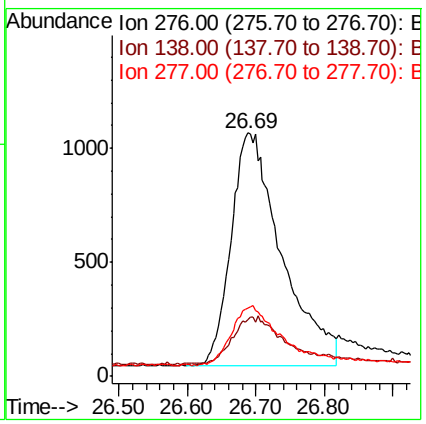


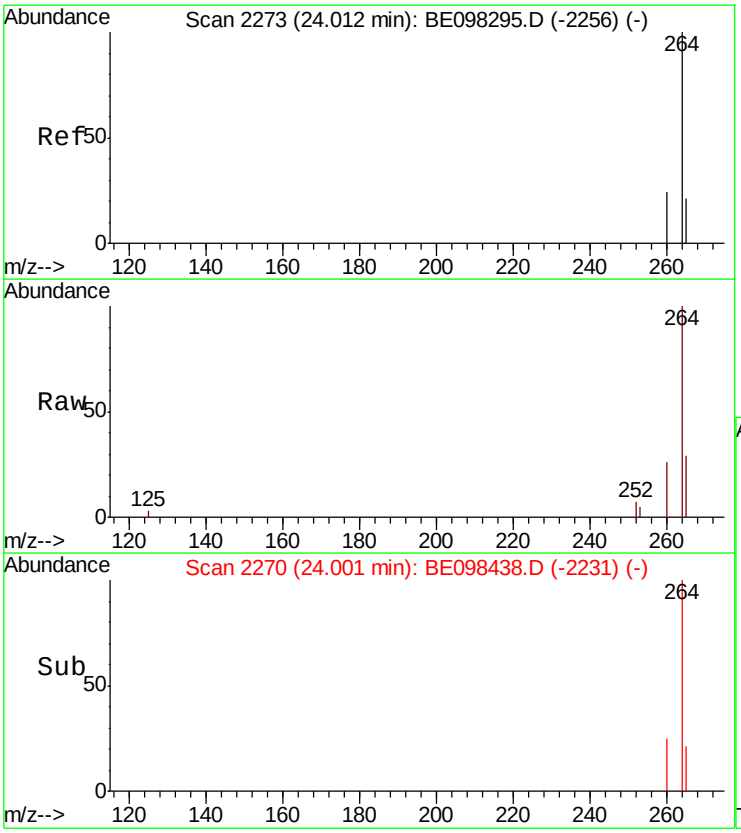

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.223 ng
RT: 26.69 min Scan# 3019
Delta R.T. -0.01 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

**Instrument :**
BNA_G
**ClientSampleId :**
PB115633BS

Tgt Ion:276 Resp: 5258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 8.8 | 16.3 | 24.5# |
| 277 | 22.7 | 20.2 | 30.4 |

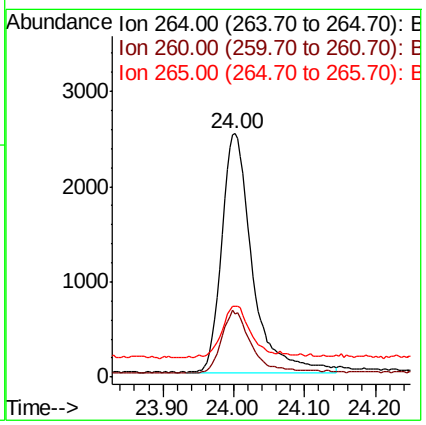


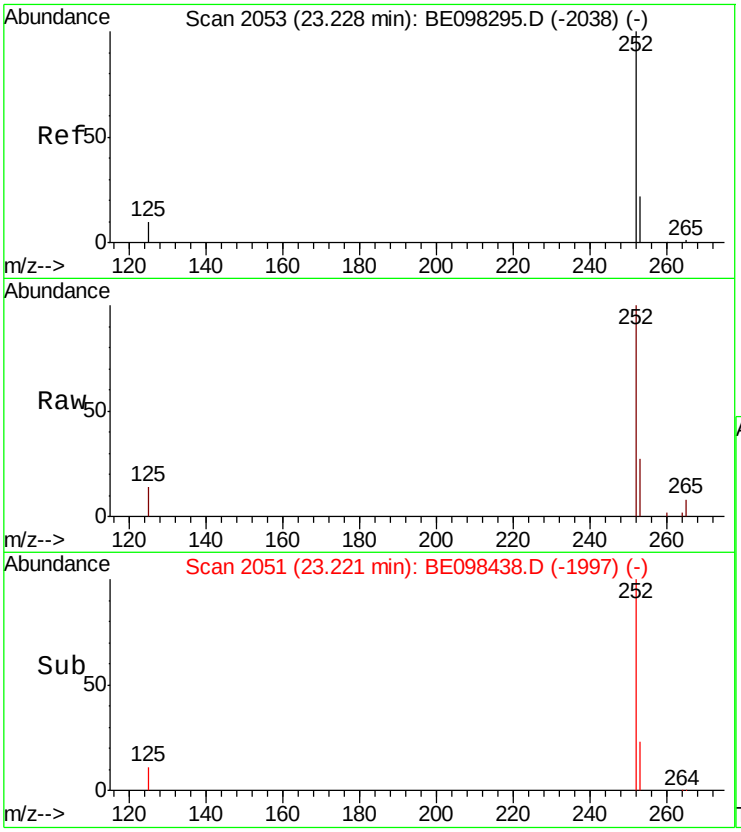




#34
Perylene-d12
Concen: 0.400 ng
RT: 24.00 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion:264 Resp: 7451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 26.1 | 20.2 | 30.2 |
| 265 | 29.0 | 25.2 | 37.8 |



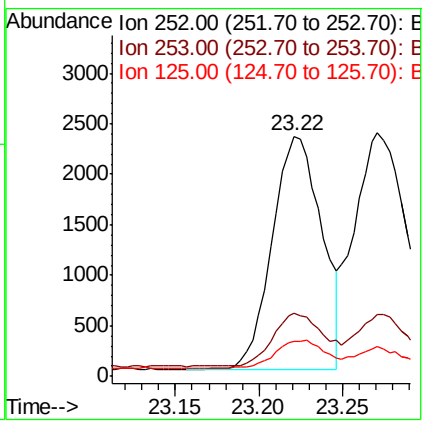


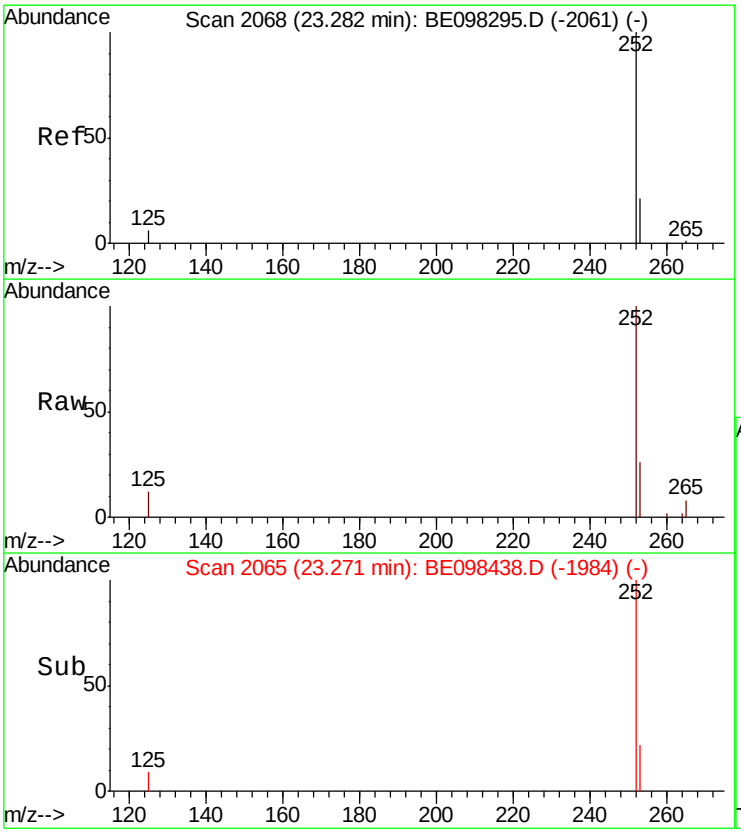

#35
Benzo(b)fluoranthene
Concen: 0.234 ng
RT: 23.22 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

**Instrument :**
BNA_G
**ClientSampleId :**
PB115633BS

Tgt Ion:252 Resp: 4761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 26.5 | 20.0 | 30.0 |
| 125 | 14.4 | 9.6 | 14.4 |

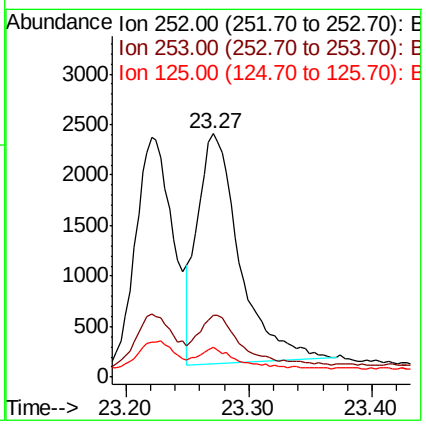


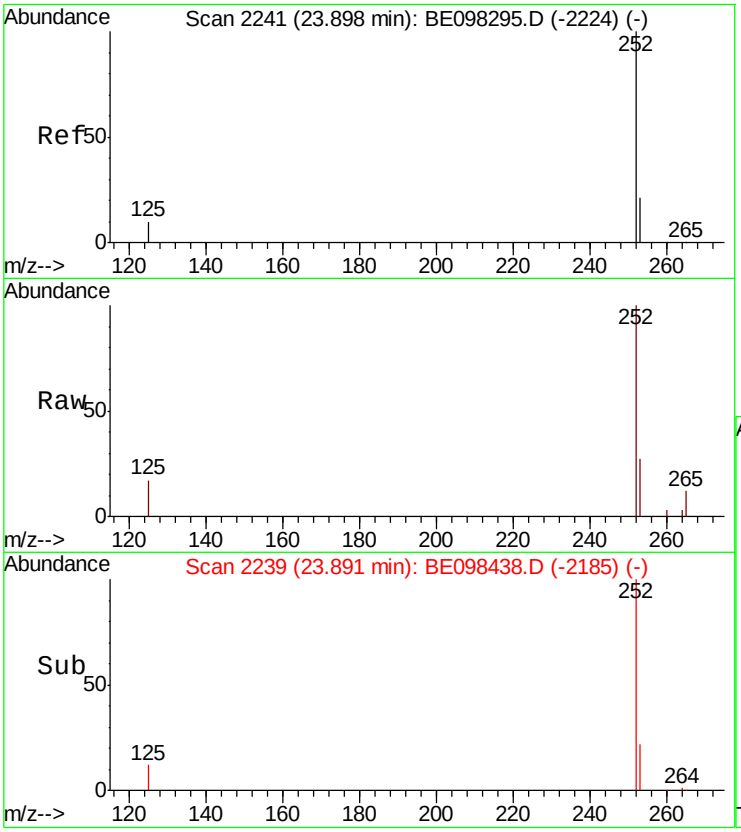




#36
Benzo(k)fluoranthene
Concen: 0.228 ng
RT: 23.27 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion:252 Resp: 5401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.6 | 19.0 | 28.6 |
| 125 | 12.0 | 9.1 | 13.7 |



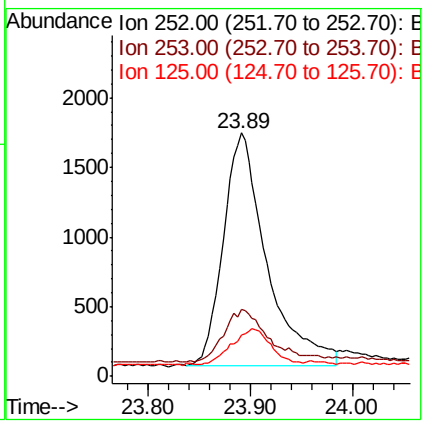


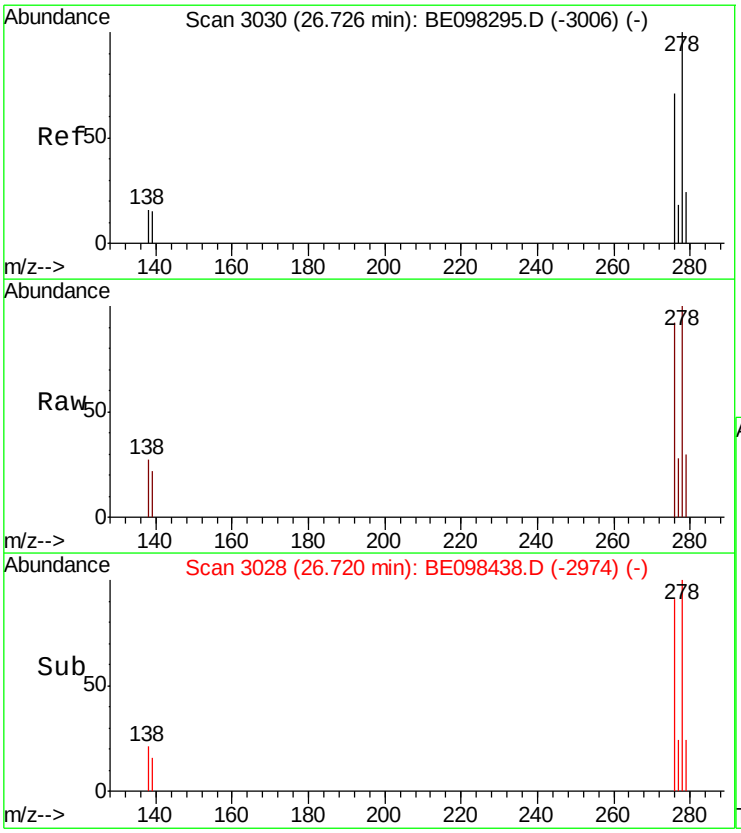

#37
Benzo(a)pyrene
Concen: 0.233 ng
RT: 23.89 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

**Instrument :**
BNA_G
**ClientSampleId :**
PB115633BS

Tgt Ion:252 Resp: 4897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 27.3 | 20.6 | 30.8 |
| 125 | 17.0 | 10.5 | 15.7# |

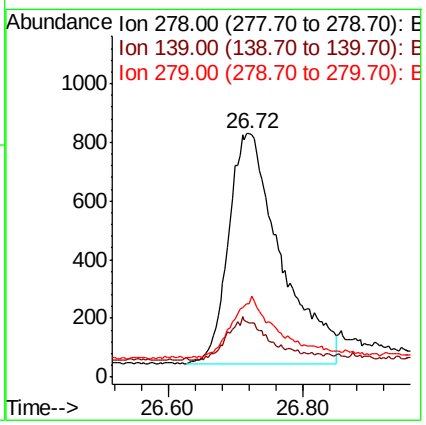


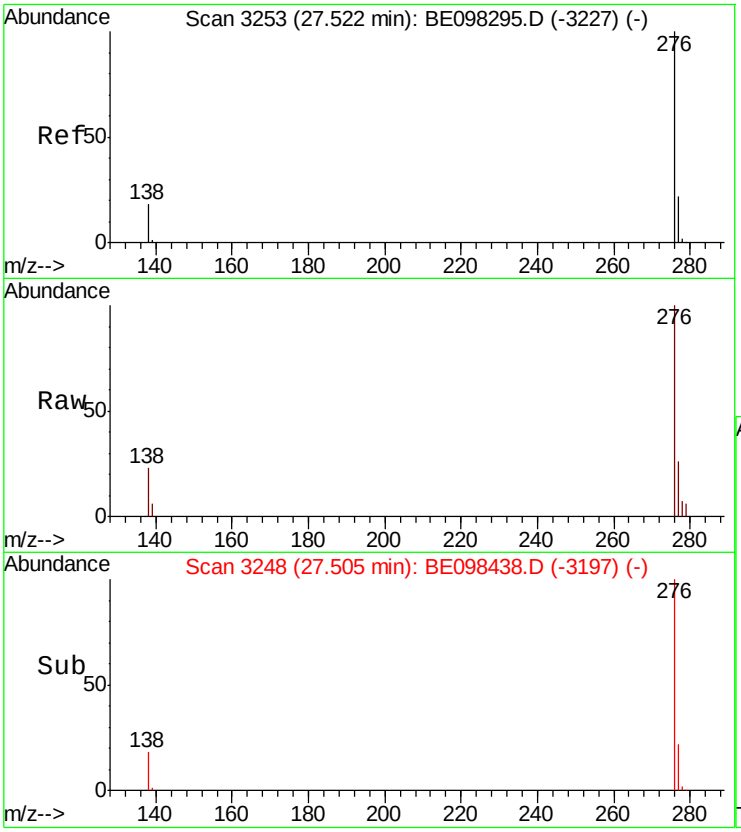




#38
Dibenzo(a,h)anthracene
Concen: 0.212 ng
RT: 26.72 min Scan# 3028
Delta R.T. -0.01 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion:278 Resp: 4197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 22.4 | 14.5 | 21.7# |
| 279 | 30.4 | 21.8 | 32.8 |






#39
Benzo(g,h,i)perylene
Concen: 0.220 ng
RT: 27.50 min Scan# 3248
Delta R.T. -0.02 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

**Instrument :**
BNA_G
**ClientSampleId :**
PB115633BS

Tgt Ion:276 Resp: 4385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 26.1 | 20.8 | 31.2 |
| 138 | 23.0 | 15.8 | 23.6 |