Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052119\
Data File : BE099686.D
Acq On : 21 May 2019 12:31
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: May 21 14:06:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.81 | 152 | 1808 | 0.40 | ng | | -0.01 |
| 7) Naphthalene-d8 | 10.61 | 136 | 6663 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.49 | 164 | 4834 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.23 | 188 | 14017 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.41 | 240 | 19889 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.96 | 264 | 23317 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.37 | 112 | 1691 | 0.37 | ng | | 0.00 |
| 5) Phenol-d6 | 6.98 | 99 | 2270 | 0.38 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.98 | 82 | 2080 | 0.36 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.22 | 152 | 4231 | 0.37 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.98 | 330 | 945 | 0.39 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.10 | 172 | 6586 | 0.36 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.26 | 212 | 67628 | 0.35 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.86 | 244 | 13568 | 0.38 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.30 | 88 | 864 | 0.323 | ng | | 90 |
| 3) n-Nitrosodimethylamine | 3.64 | 42 | 408 | 0.276 | ng | # | 92 |
| 6) bis(2-Chloroethyl)ether | 7.23 | 93 | 1973 | 0.367 | ng | | 96 |
| 9) Naphthalene | 10.67 | 128 | 25789 | 0.362 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.94 | 225 | 1897 | 0.362 | ng | | 99 |
| 12) 2-Methylnaphthalene | 12.30 | 142 | 4265 | 0.367 | ng | | 99 |
| 16) Acenaphthylene | 14.20 | 152 | 7971 | 0.354 | ng | | 99 |
| 17) Acenaphthene | 14.54 | 154 | 4718 | 0.373 | ng | | 99 |
| 18) Fluorene | 15.53 | 166 | 6591 | 0.354 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.42 | 248 | 2916 | 0.361 | ng | | 94 |
| 21) Hexachlorobenzene | 16.53 | 284 | 3134 | 0.379 | ng | | 99 |
| 22) Pentachlorophenol | 16.91 | 266 | 755 | 0.475 | ng | | 97 |
| 23) Phenanthrene | 17.27 | 178 | 12342 | 0.360 | ng | | 99 |
| 24) Anthracene | 17.36 | 178 | 11247 | 0.362 | ng | | 99 |
| 26) Fluoranthene | 19.29 | 202 | 19062 | 0.352 | ng | | 99 |
| 28) Pyrene | 19.66 | 202 | 19999 | 0.400 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.40 | 228 | 22711 | 0.402 | ng | | 99 |
| 31) Chrysene | 21.45 | 228 | 23276 | 0.385 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.32 | 149 | 30690 | 0.471 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 26.64 | 276 | 27456 | 0.376 | ng | | 98 |
| 35) Benzo(b)fluoranthene | 23.22 | 252 | 23561 | 0.369 | ng | | 100 |
| 36) Benzo(k)fluoranthene | 23.22 | 252 | 23561 | 0.354 | ng | | 99 |
| 37) Benzo(a)pyrene | 23.84 | 252 | 22107 | 0.360 | ng | | 99 |
| 38) Dibenzo(a,h)anthracene | 26.68 | 278 | 22740 | 0.352 | ng | | 98 |
| 39) Benzo(g,h,i)perylene | 27.48 | 276 | 23157 | 0.355 | ng | | 99 |

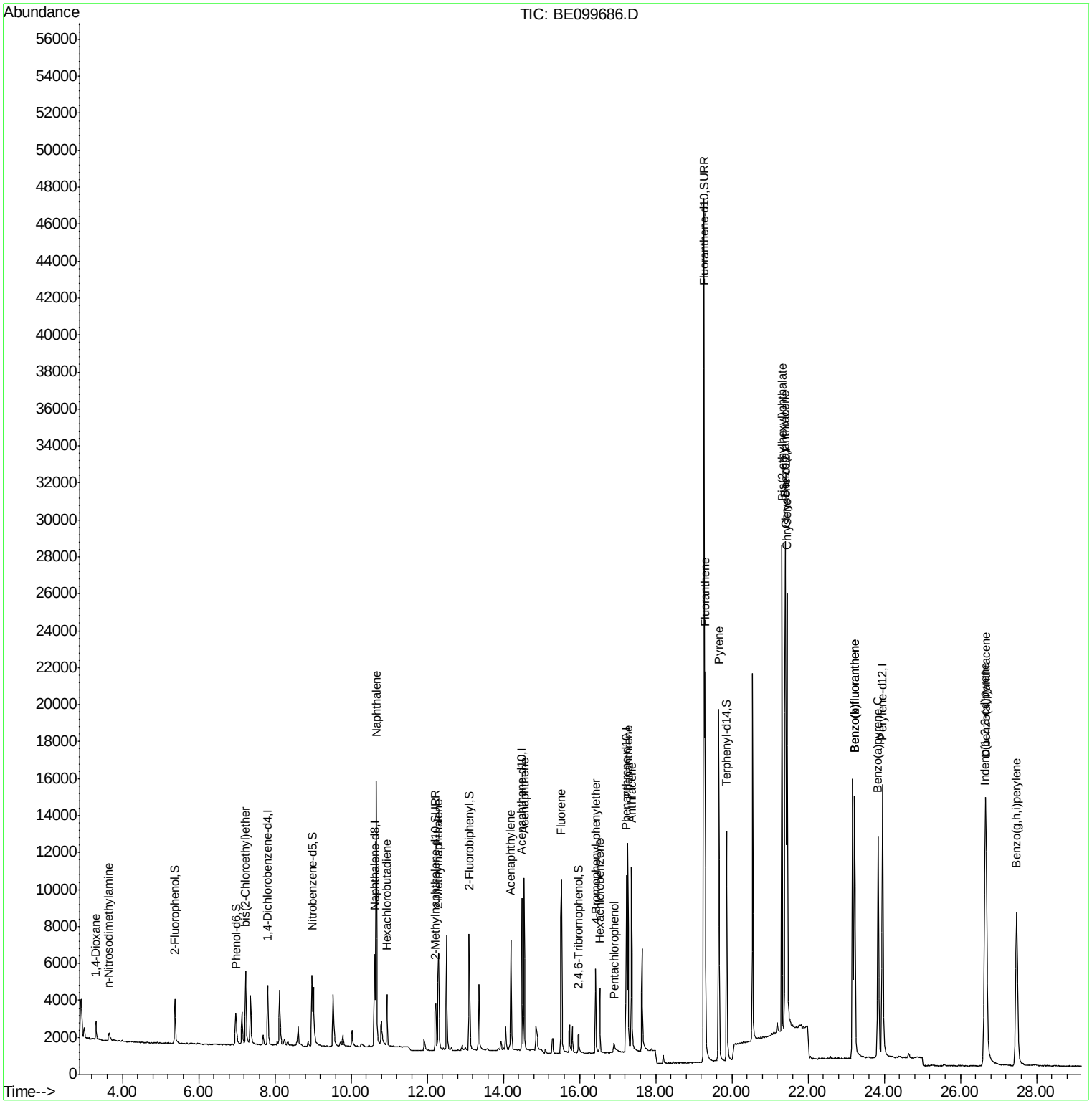
(#) = qualifier out of range (m) = manual integration (+) = signals summed

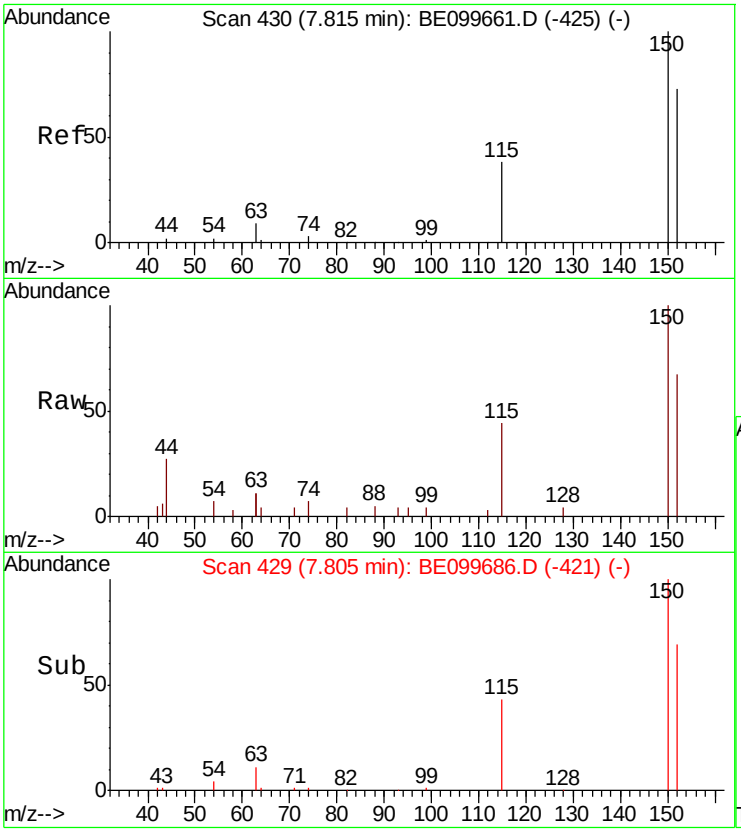
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052119\
Data File : BE099686.D
Acq On : 21 May 2019 12:31
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: May 21 14:06:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration



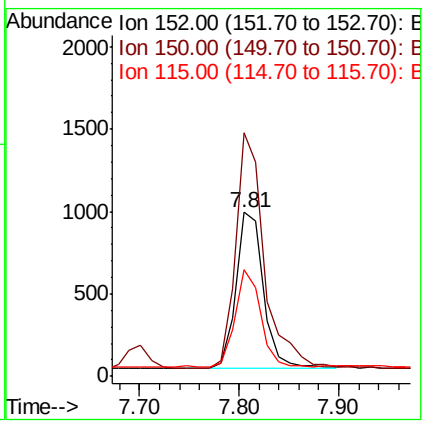


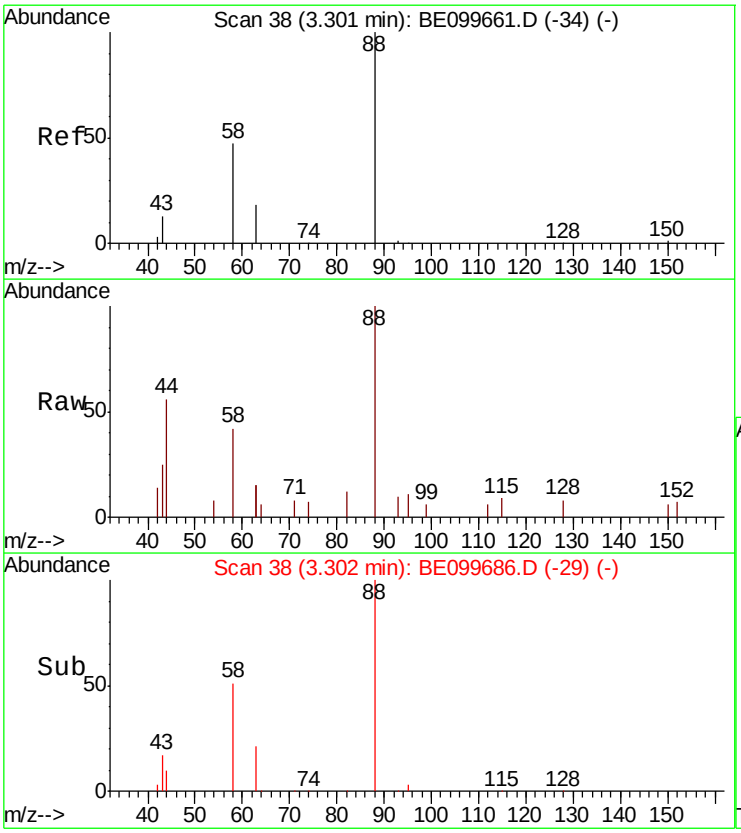

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

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

Tgt Ion:152 Resp: 1808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 148.4 | 109.2 | 163.8 |
| 115 | 65.0 | 43.7 | 65.5 |

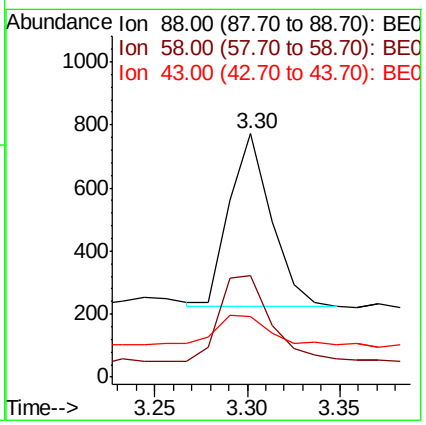


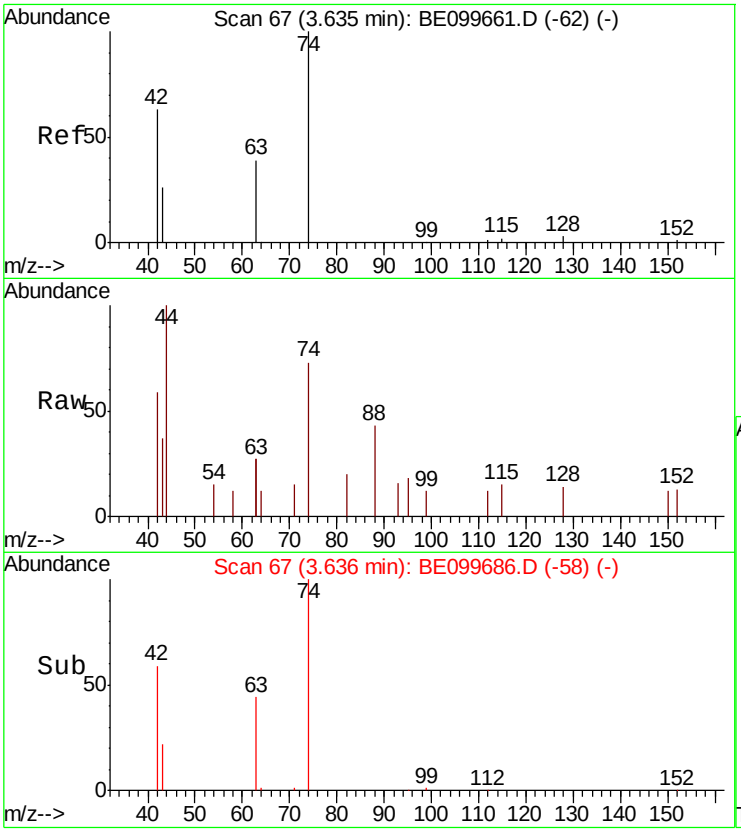




#2
1,4-Dioxane
Concen: 0.323 ng
RT: 3.30 min Scan# 38
Delta R.T. 0.00 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

Tgt Ion: 88 Resp: 864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 60.0 | 41.8 | 62.8 |
| 43 | 22.2 | 15.0 | 22.4 |



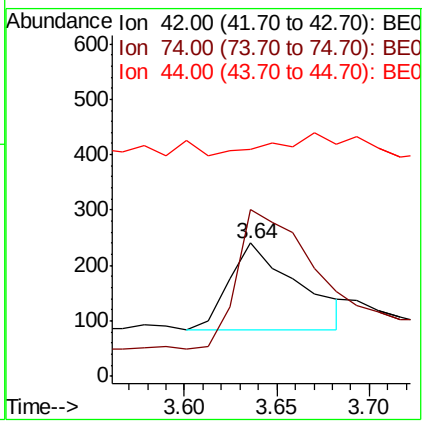


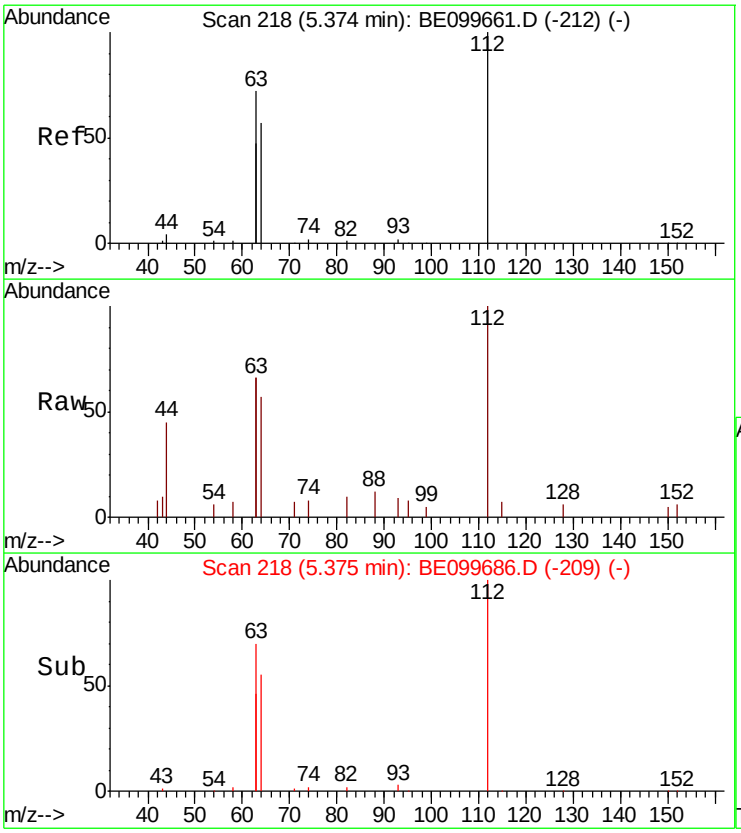

#3
n-Nitrosodimethylamine
Concen: 0.276 ng
RT: 3.64 min Scan# 67
Delta R.T. 0.00 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

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

Tgt Ion: 42 Resp: 408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 172.5 | 129.2 | 193.8 |
| 44 | 0.0 | 0.0 | 0.0 |

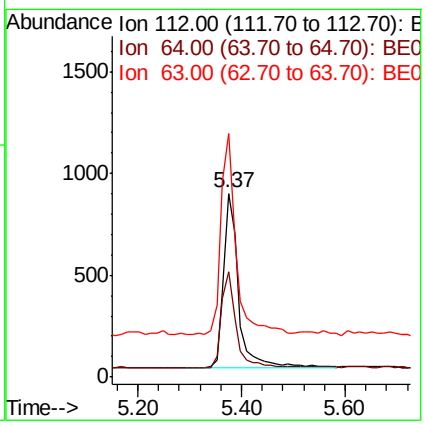


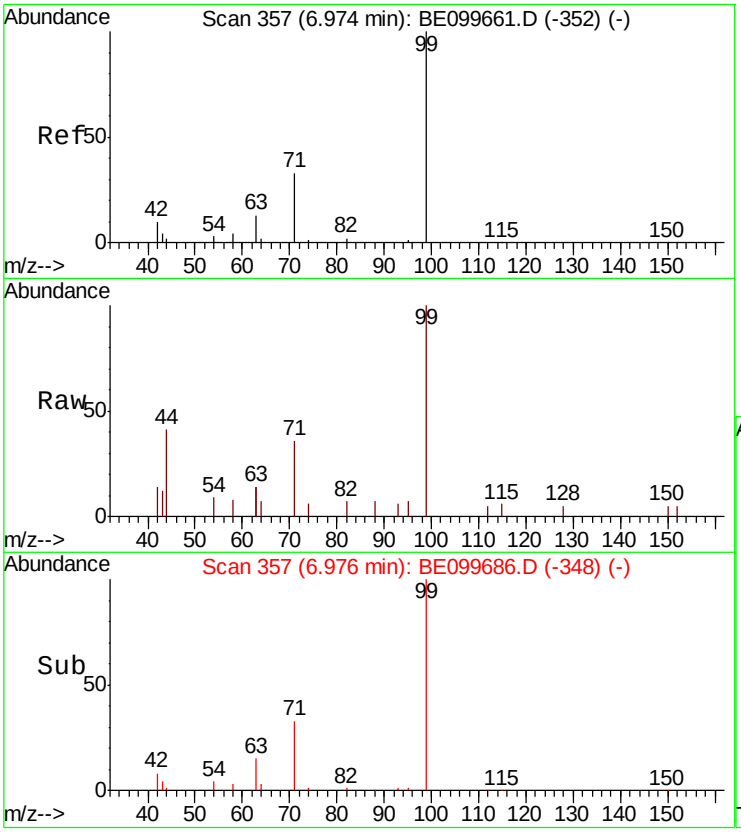




#4
2-Fluorophenol
Concen: 0.370 ng
RT: 5.37 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

Tgt Ion:112 Resp: 1691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 53.8 | 43.4 | 65.2 |
| 63 | 114.8 | 96.9 | 145.3 |



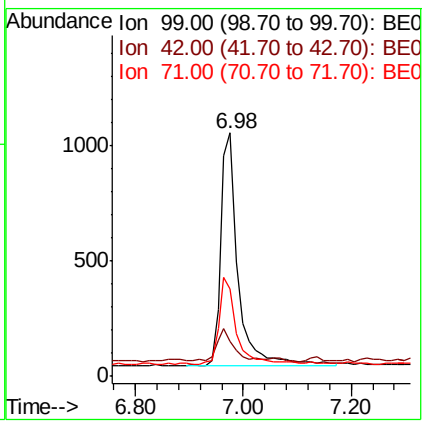


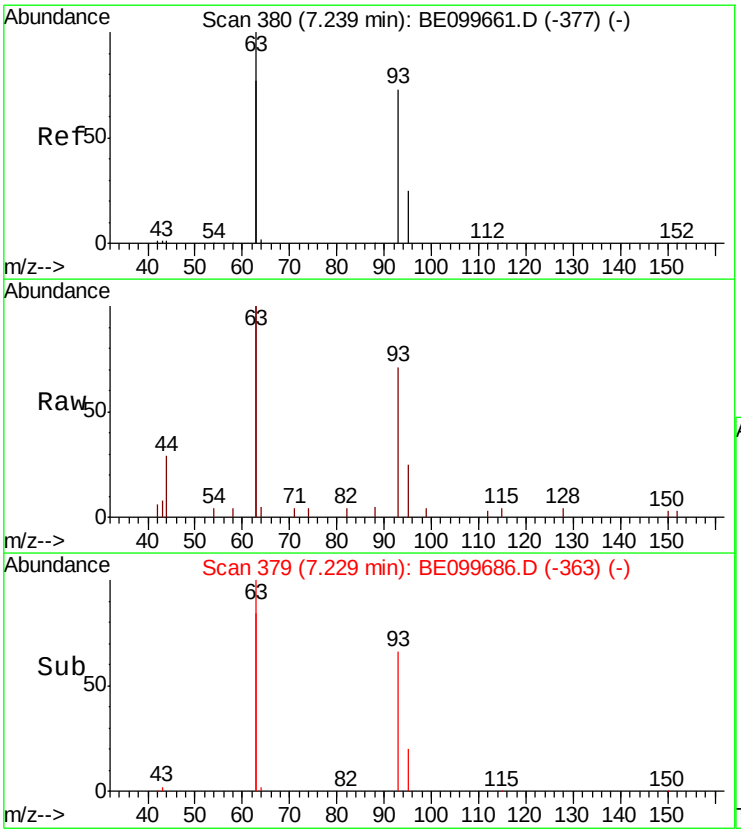

#5
Phenol-d6
Concen: 0.375 ng
RT: 6.98 min Scan# 357
Delta R.T. 0.00 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

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

Tgt Ion: 99 Resp: 2270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 12.9 | 12.2 | 18.2 |
| 71 | 37.2 | 28.9 | 43.3 |

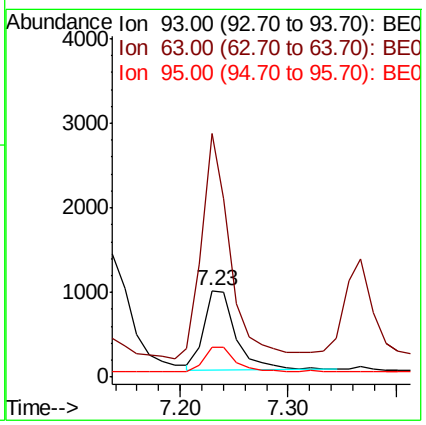


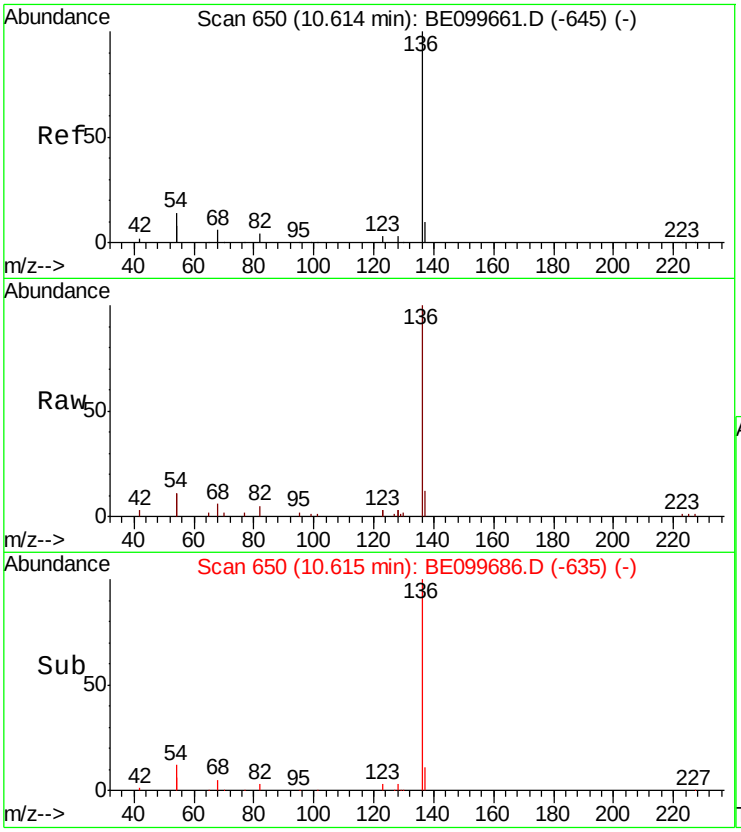




#6
bis(2-Chloroethyl)ether
Concen: 0.367 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

Tgt Ion: 93 Resp: 1973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 252.1 | 207.8 | 311.6 |
| 95 | 31.1 | 25.9 | 38.9 |



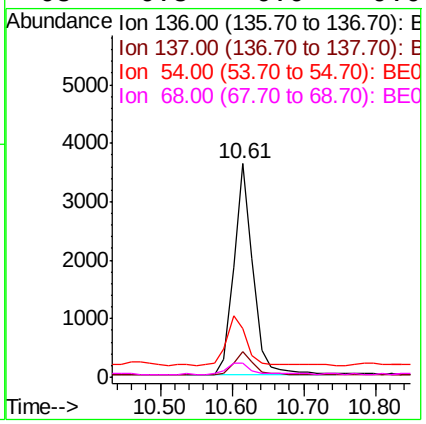


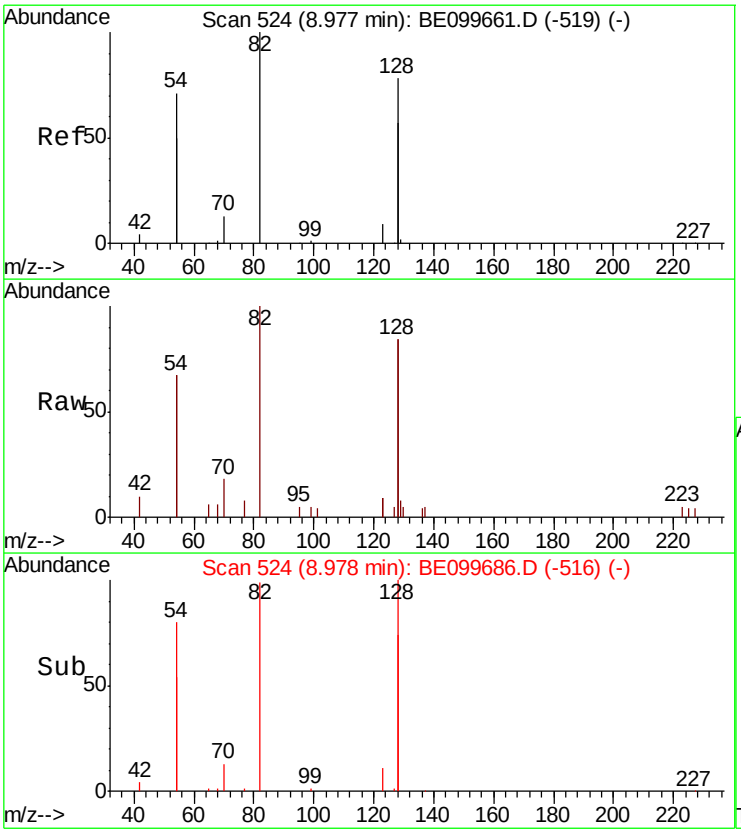

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.00 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

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

Tgt Ion:136 Resp: 6663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.9 | 9.0 | 13.6 |
| 54 | 22.9 | 22.3 | 33.5 |
| 68 | 6.3 | 6.0 | 9.0 |

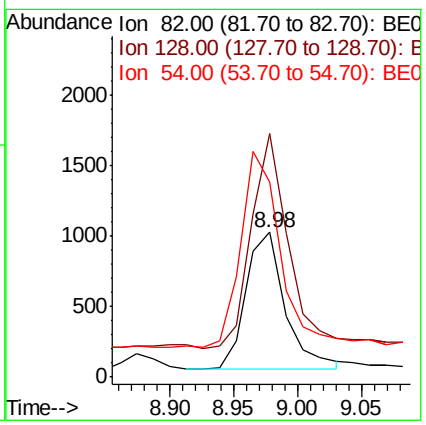


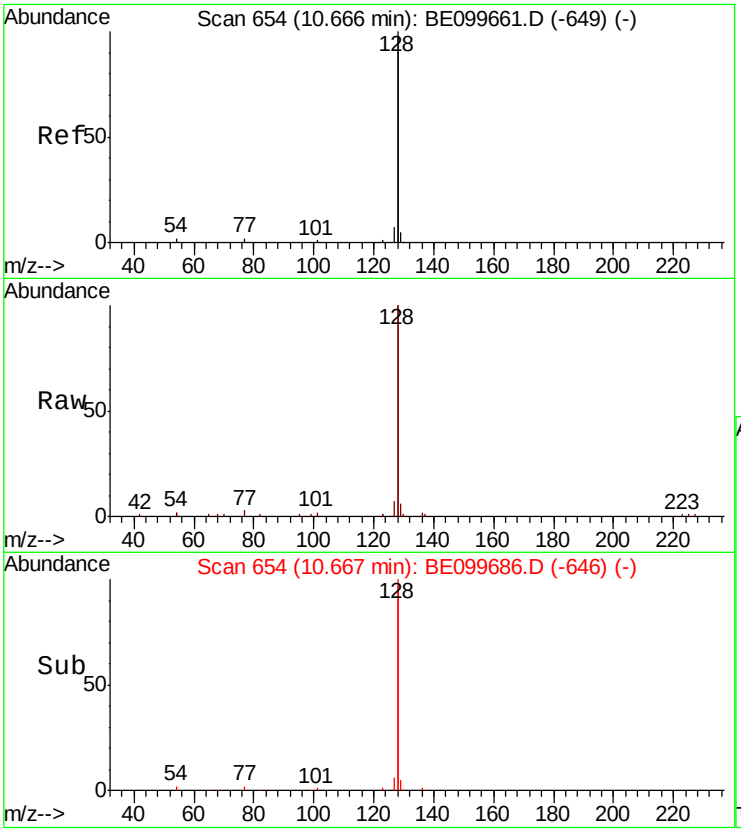




#8
Nitrobenzene-d5
Concen: 0.361 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.00 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

Tgt Ion: 82 Resp: 2080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 168.4 | 117.7 | 176.5 |
| 54 | 134.8 | 106.6 | 160.0 |



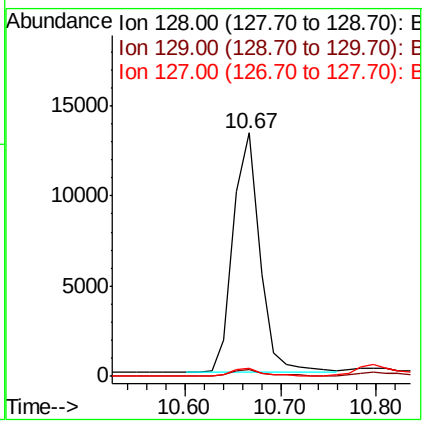


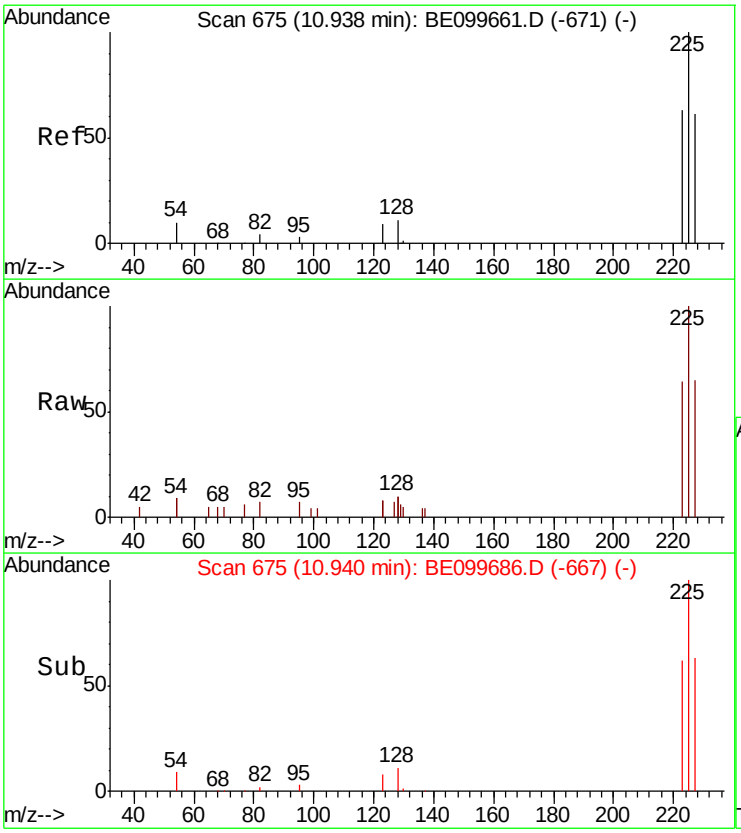

#9
Naphthalene
Concen: 0.362 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

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

Tgt Ion:128 Resp: 25789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 2.9 | 2.4 | 3.6 |
| 127 | 3.3 | 2.9 | 4.3 |

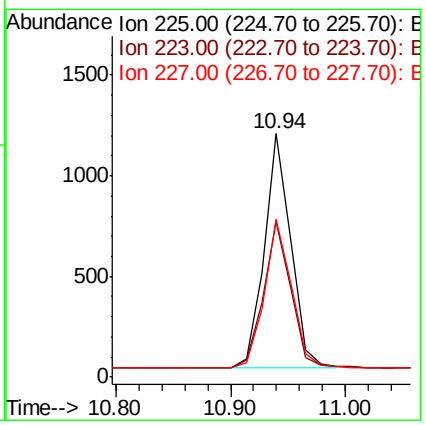


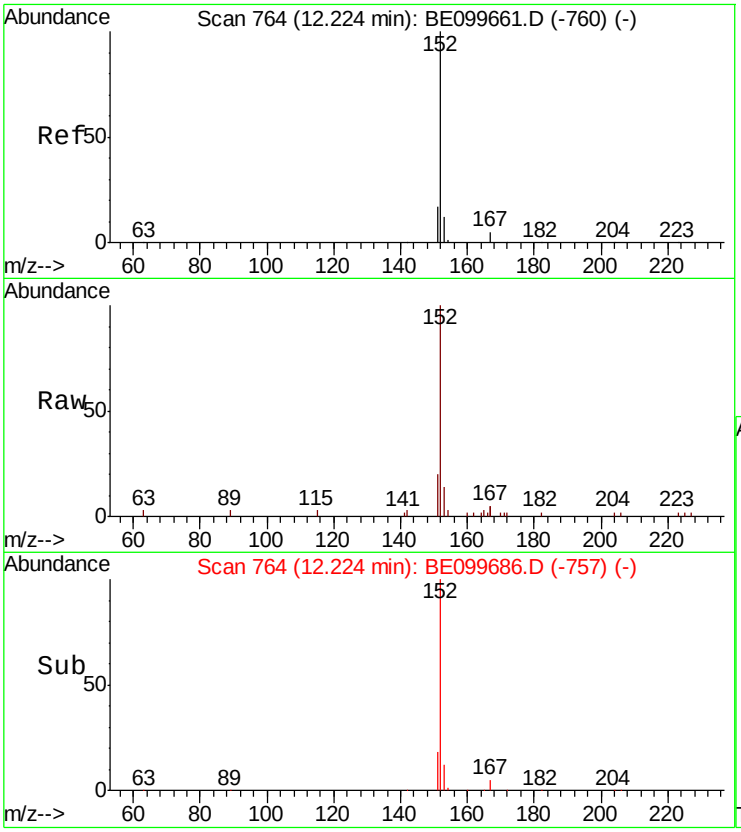




#10
Hexachlorobutadiene
Concen: 0.362 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

Tgt Ion:225 Resp: 1897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.8 | 51.8 | 77.6 |
| 227 | 64.4 | 52.6 | 79.0 |



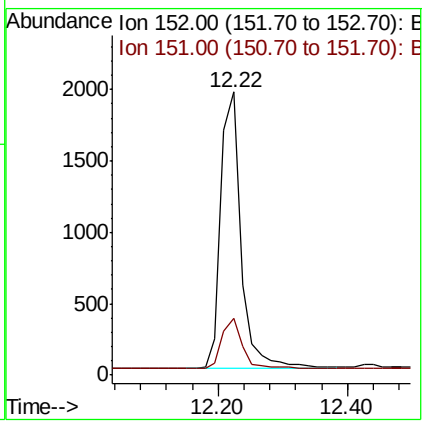


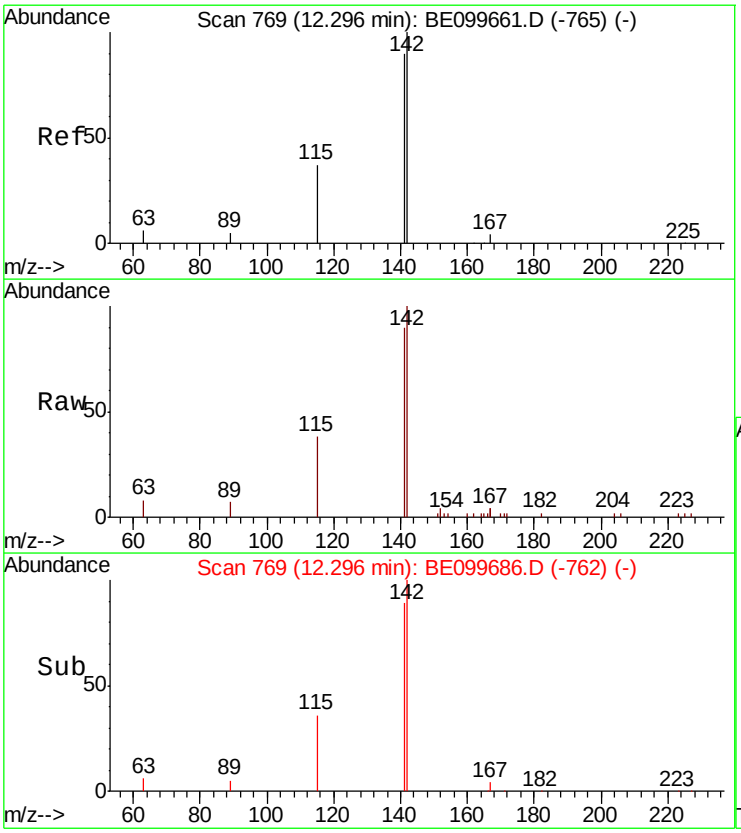

#11
2-Methylnaphthalene-d10
Concen: 0.368 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

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

Tgt Ion:152 Resp: 4231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 18.8 | 15.0 | 22.4 |

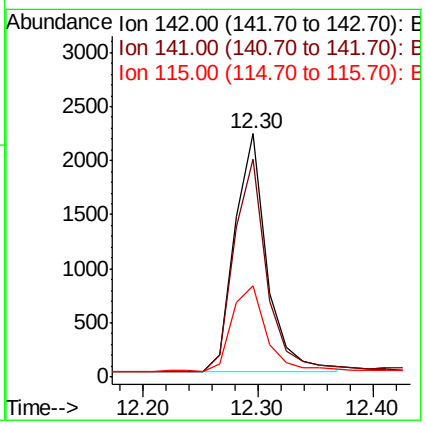


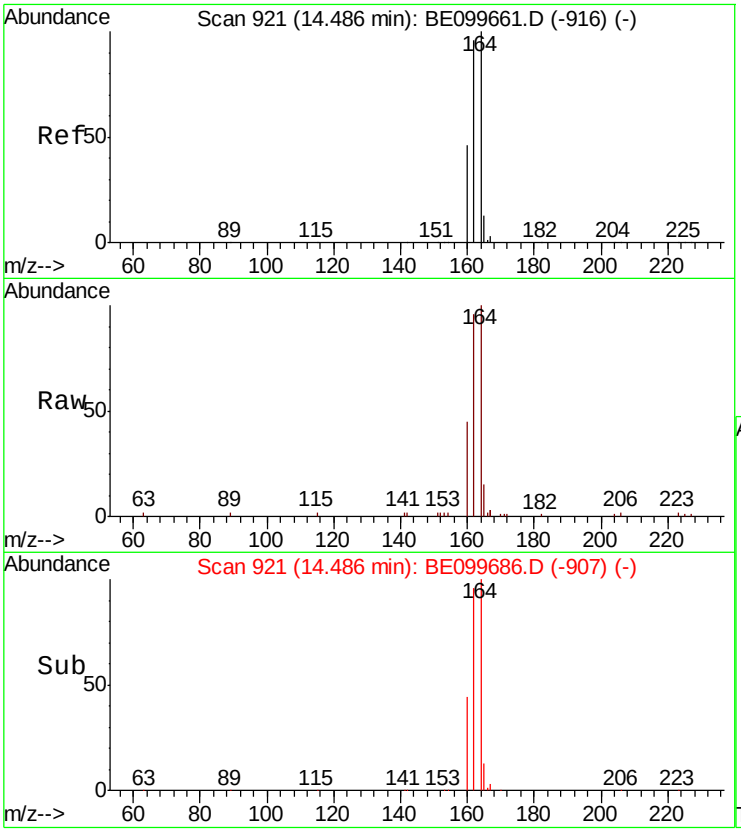




#12
2-Methylnaphthalene
Concen: 0.367 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

Tgt Ion:142 Resp: 4265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.5 | 72.0 | 108.0 |
| 115 | 37.7 | 31.0 | 46.4 |



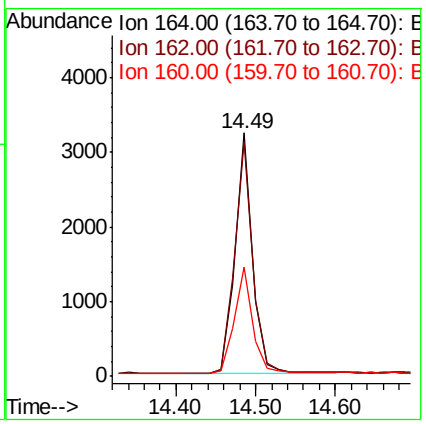


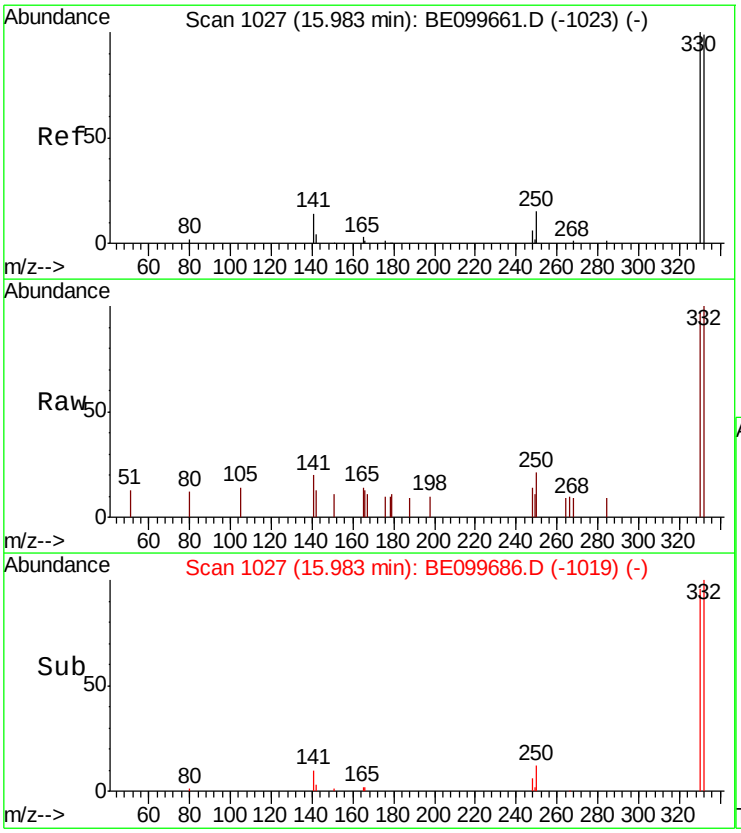

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

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

Tgt Ion:164 Resp: 4834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 96.2 | 76.5 | 114.7 |
| 160 | 44.8 | 37.4 | 56.2 |

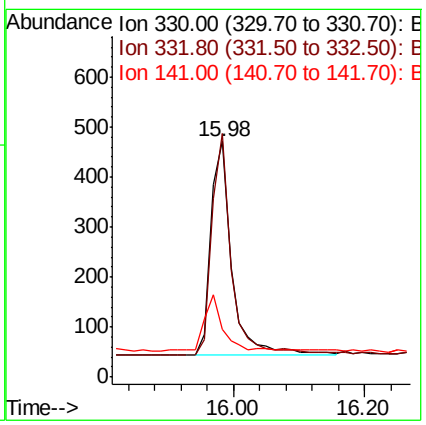


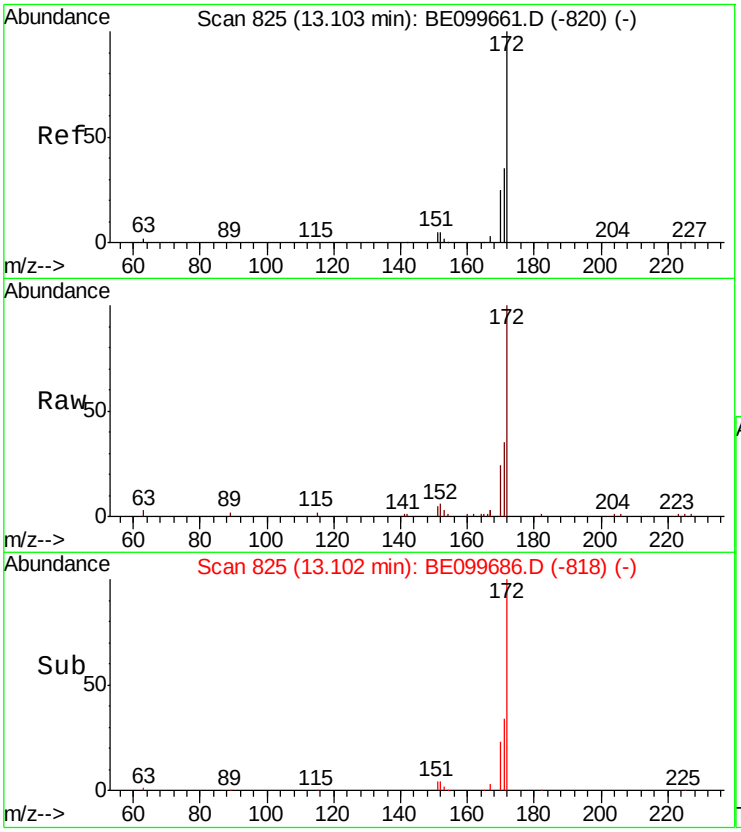




#14
2,4,6-Tribromophenol
Concen: 0.389 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

Tgt Ion:330 Resp: 945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.0 | 77.3 | 115.9 |
| 141 | 22.6 | 18.9 | 28.3 |



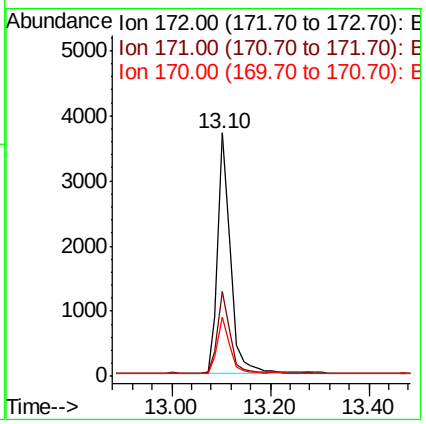


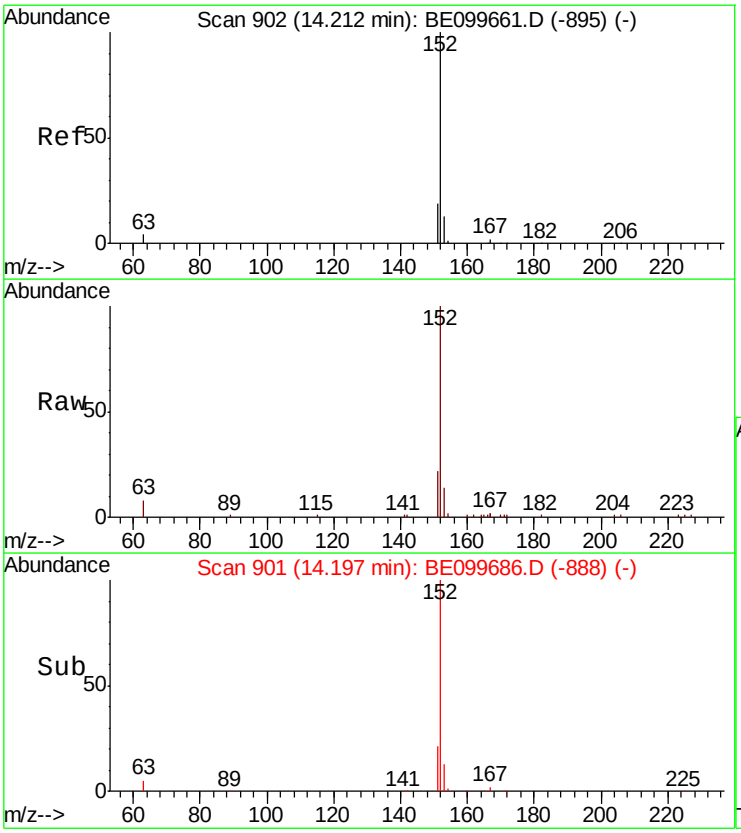

#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

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

Tgt Ion:172 Resp: 6586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.6 | 28.7 | 43.1 |
| 170 | 24.5 | 20.9 | 31.3 |

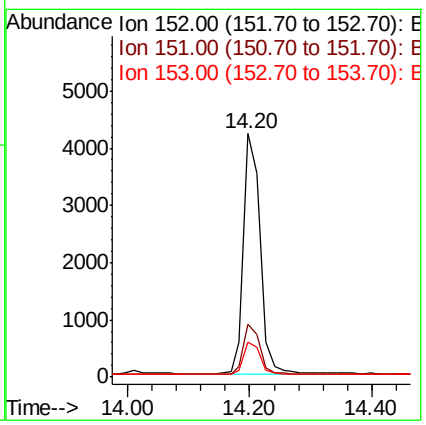


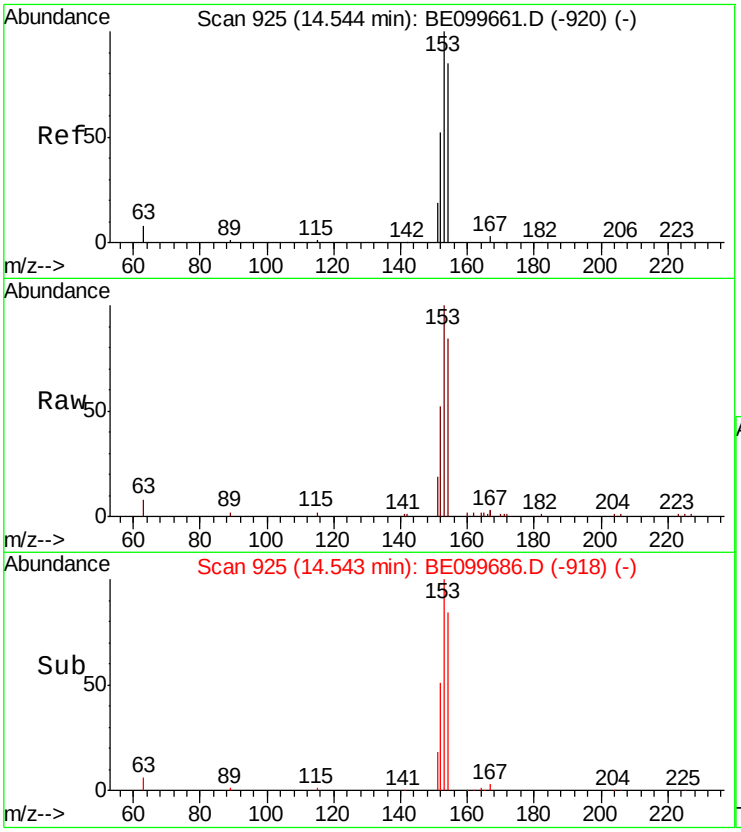




#16
Acenaphthylene
Concen: 0.354 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

Tgt Ion:152 Resp: 7971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.6 | 15.9 | 23.9 |
| 153 | 13.4 | 10.6 | 16.0 |



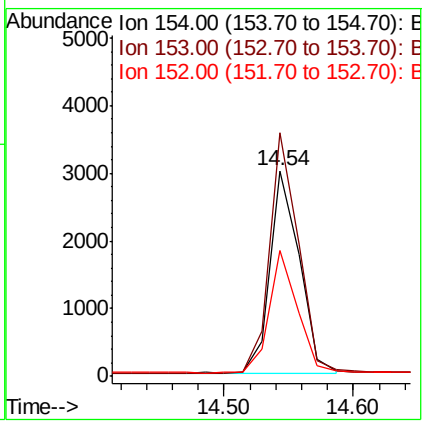


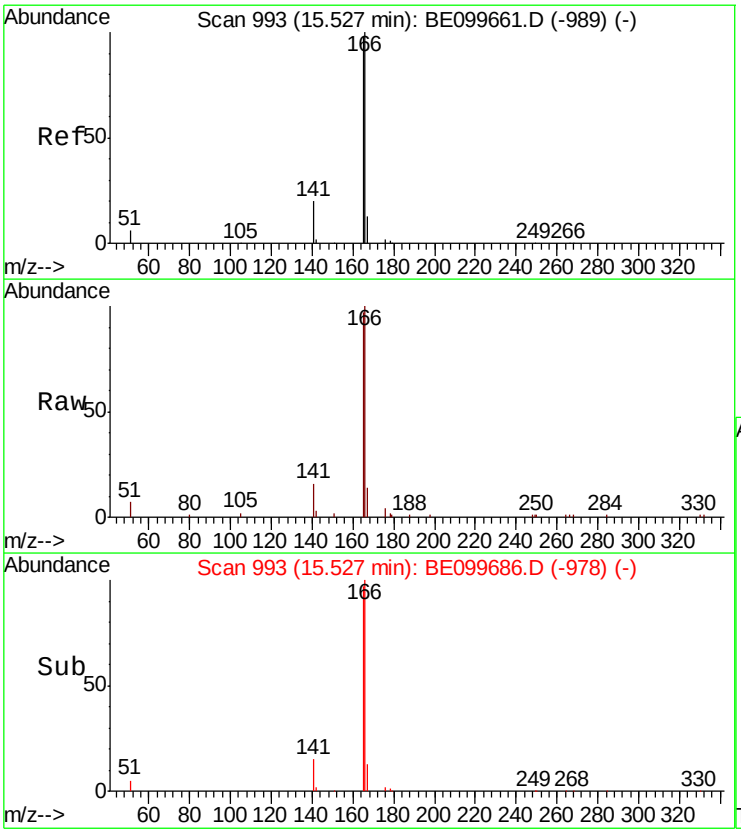

#17
Acenaphthene
Concen: 0.373 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

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

Tgt Ion:154 Resp: 4718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.6 | 91.8 | 137.6 |
| 152 | 58.5 | 46.0 | 69.0 |

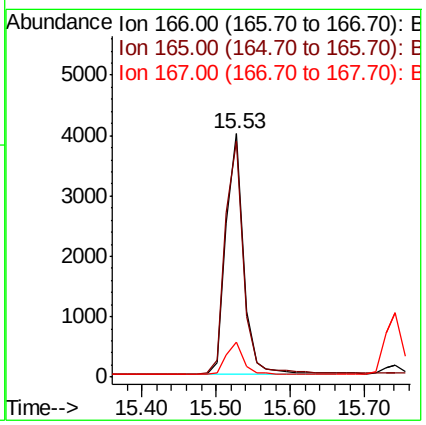


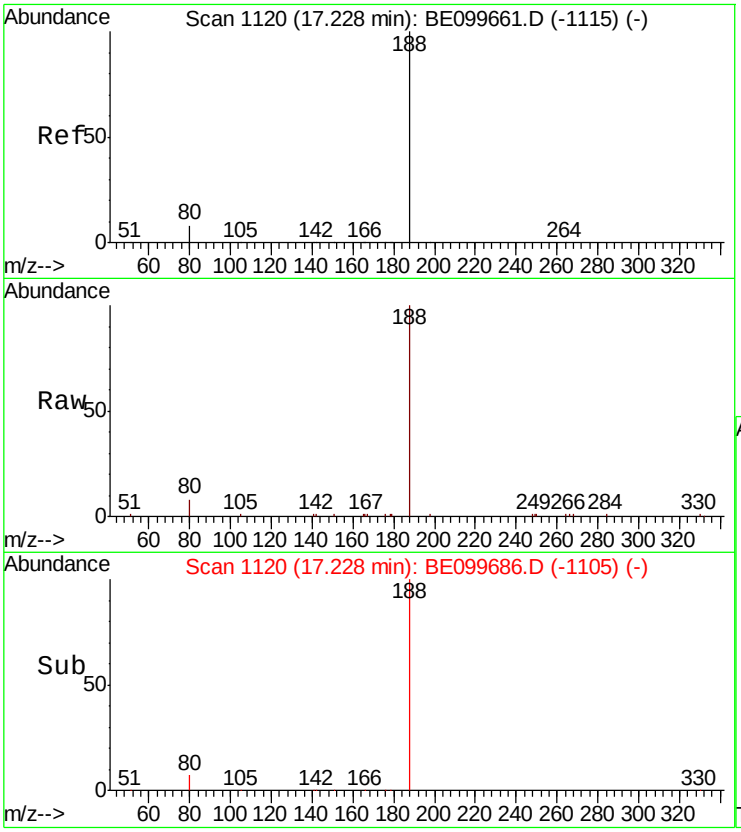




#18
Fluorene
Concen: 0.354 ng
RT: 15.53 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

Tgt Ion:166 Resp: 6591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.8 | 80.3 | 120.5 |
| 167 | 13.3 | 10.6 | 16.0 |



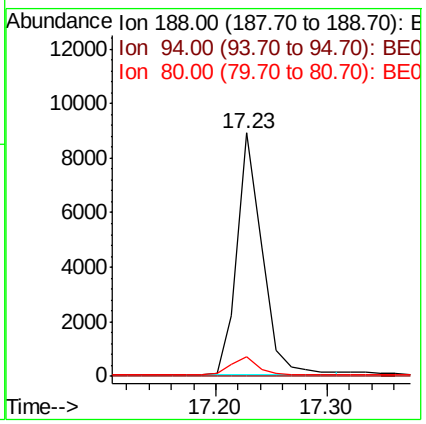


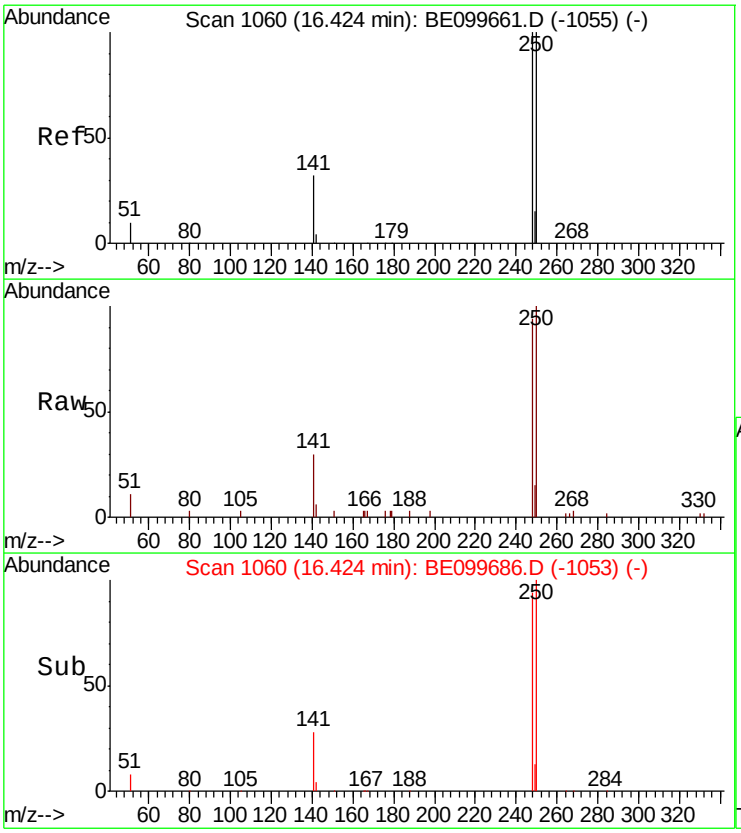

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

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

Tgt Ion:188 Resp: 14017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 7.9 | 6.7 | 10.1 |

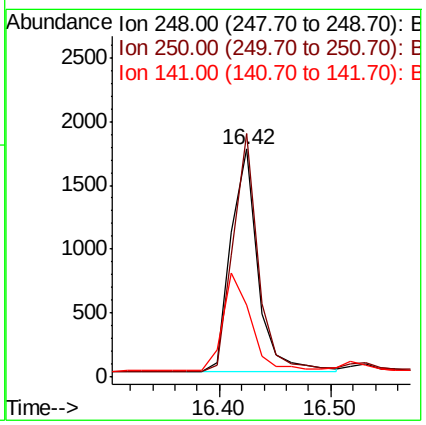


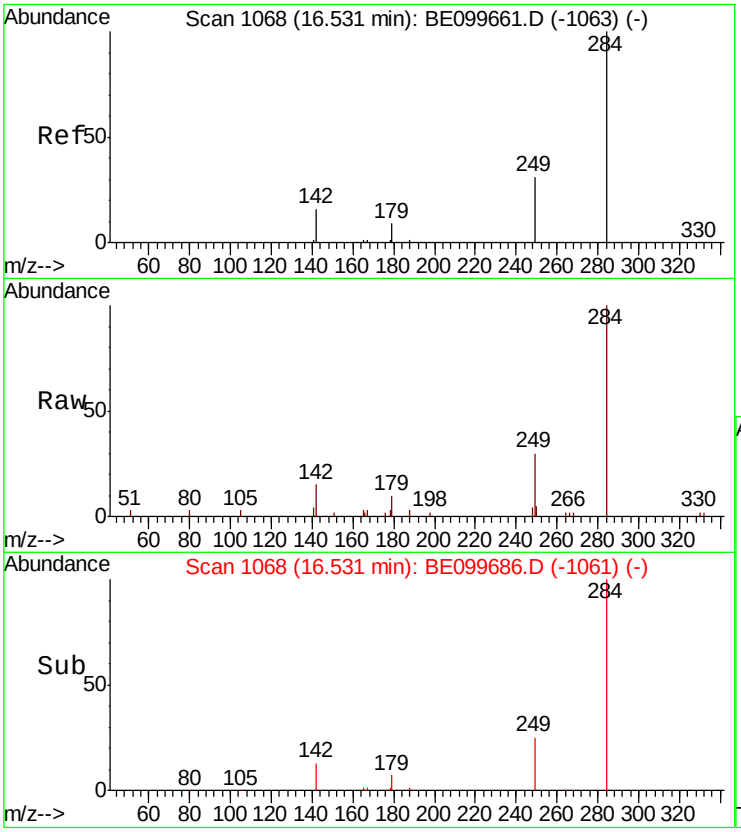




#20
4-Bromophenyl-phenylether
Concen: 0.361 ng
RT: 16.42 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

Tgt Ion:248 Resp: 2916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 106.7 | 79.8 | 119.8 |
| 141 | 31.8 | 27.0 | 40.6 |



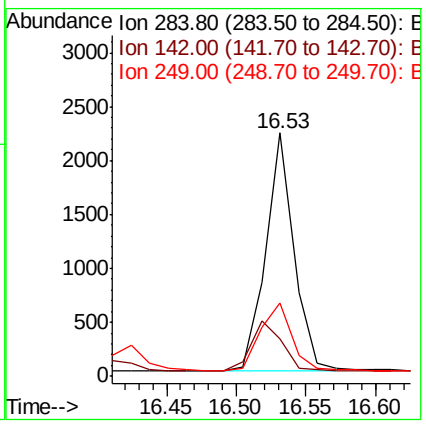


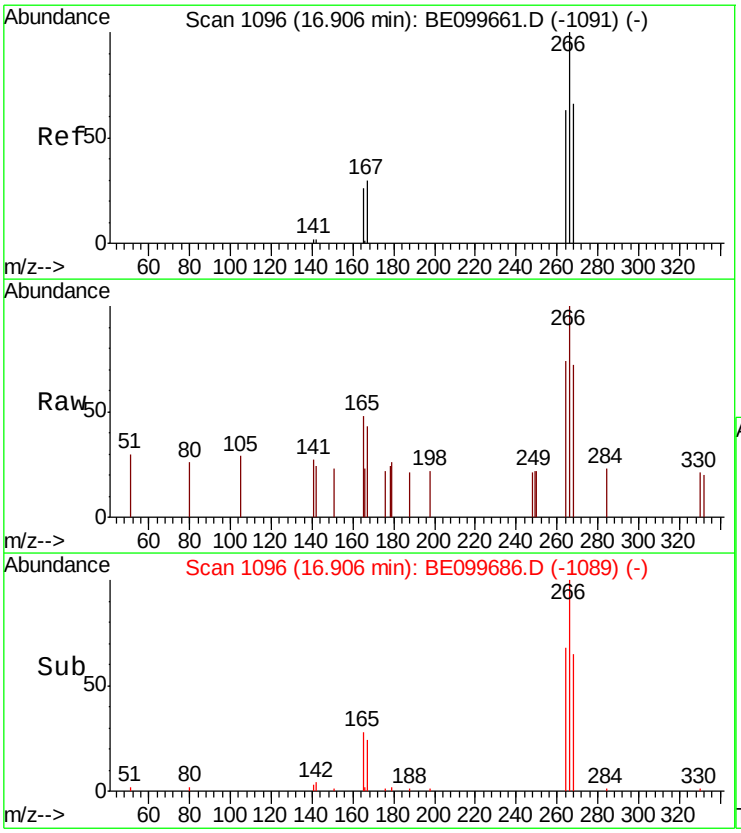

#21
Hexachlorobenzene
Concen: 0.379 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

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

Tgt Ion:284 Resp: 3134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 22.9 | 17.8 | 26.6 |
| 249 | 30.9 | 24.8 | 37.2 |

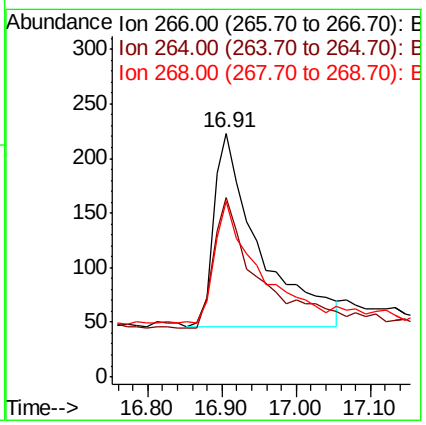


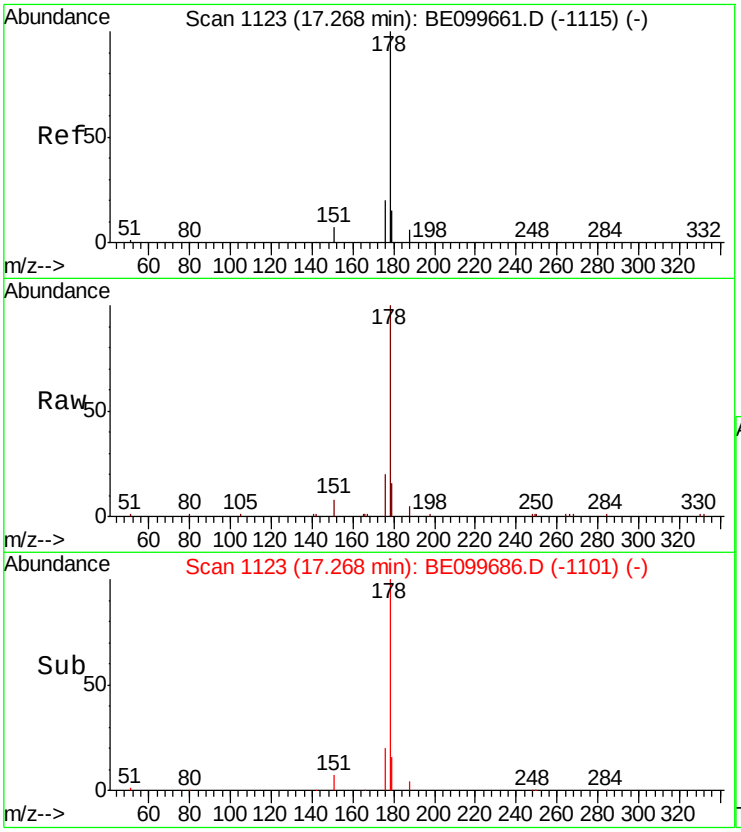




#22
Pentachlorophenol
Concen: 0.475 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

Tgt Ion:266 Resp: 755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 73.5 | 57.2 | 85.8 |
| 268 | 72.2 | 60.5 | 90.7 |



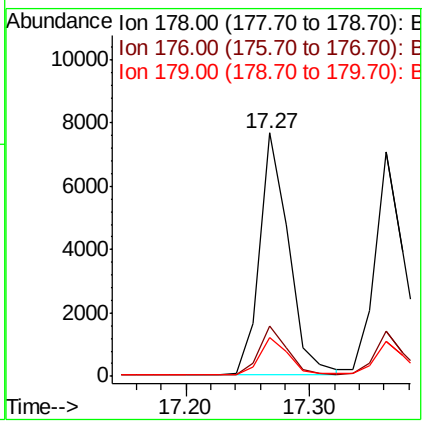


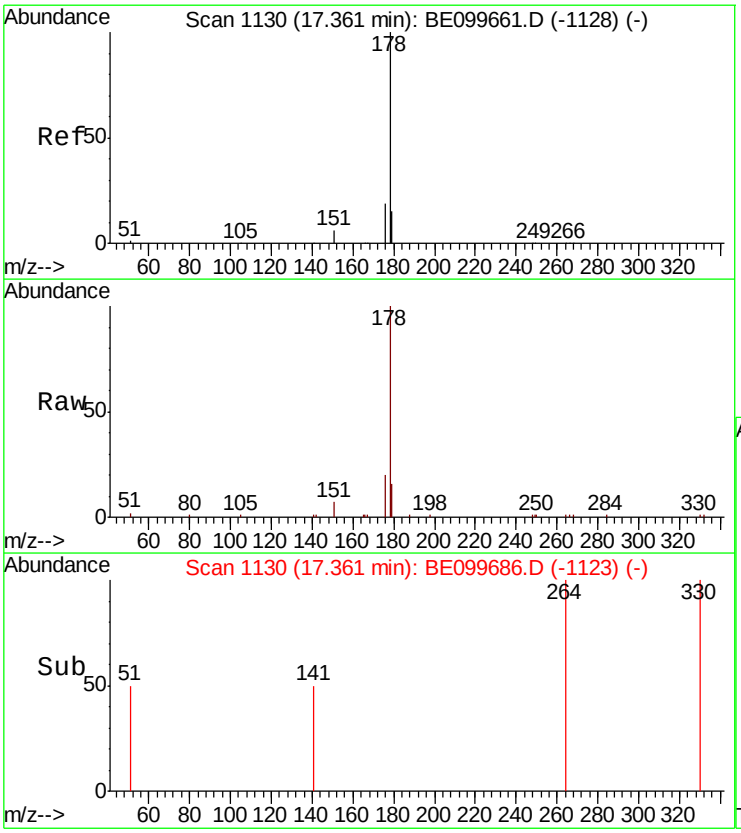

#23
Phenanthrene
Concen: 0.360 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

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

Tgt Ion:178 Resp: 12342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.5 | 15.6 | 23.4 |
| 179 | 16.2 | 12.2 | 18.4 |

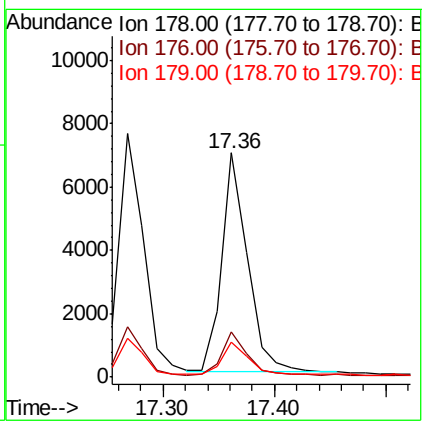


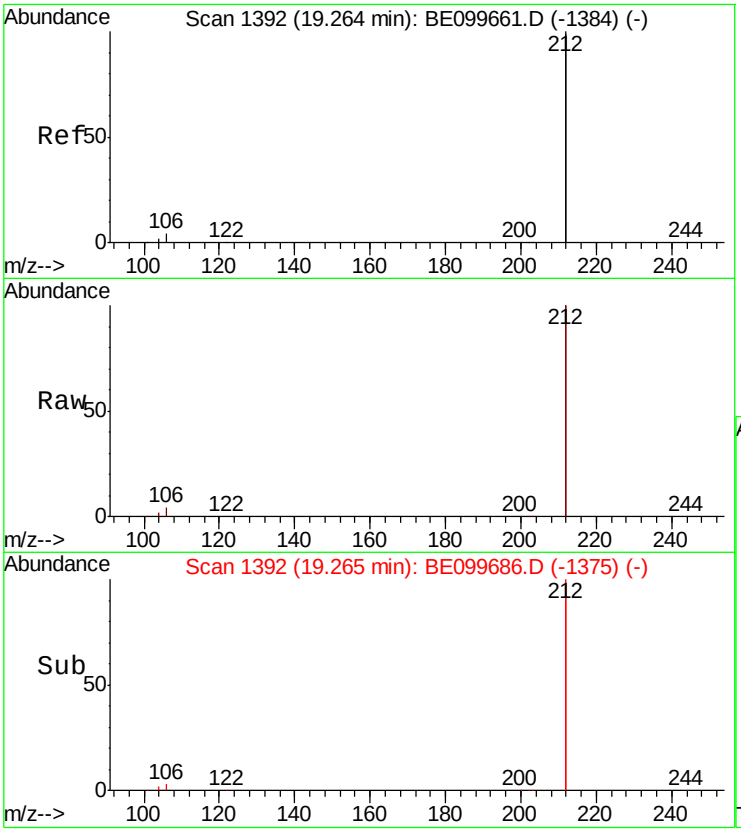




#24
Anthracene
Concen: 0.362 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

Tgt Ion:178 Resp: 11247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.9 | 14.7 | 22.1 |
| 179 | 14.9 | 12.0 | 18.0 |



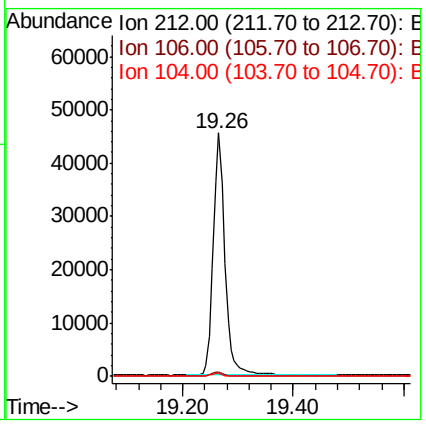


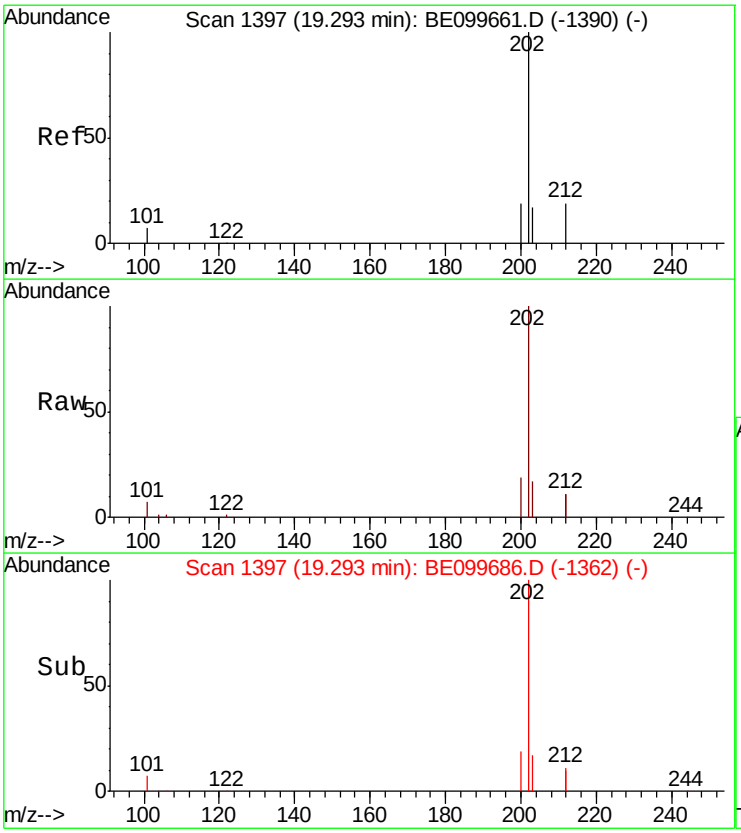

#25
Fluoranthene-d10
Concen: 0.353 ng
RT: 19.26 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

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

Tgt Ion:212 Resp: 67628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 1.8 | 1.4 | 2.2 |
| 104 | 1.0 | 0.8 | 1.2 |

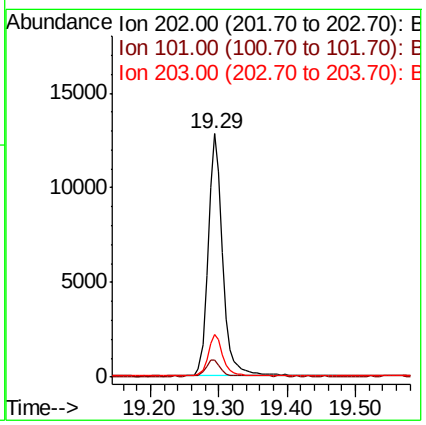


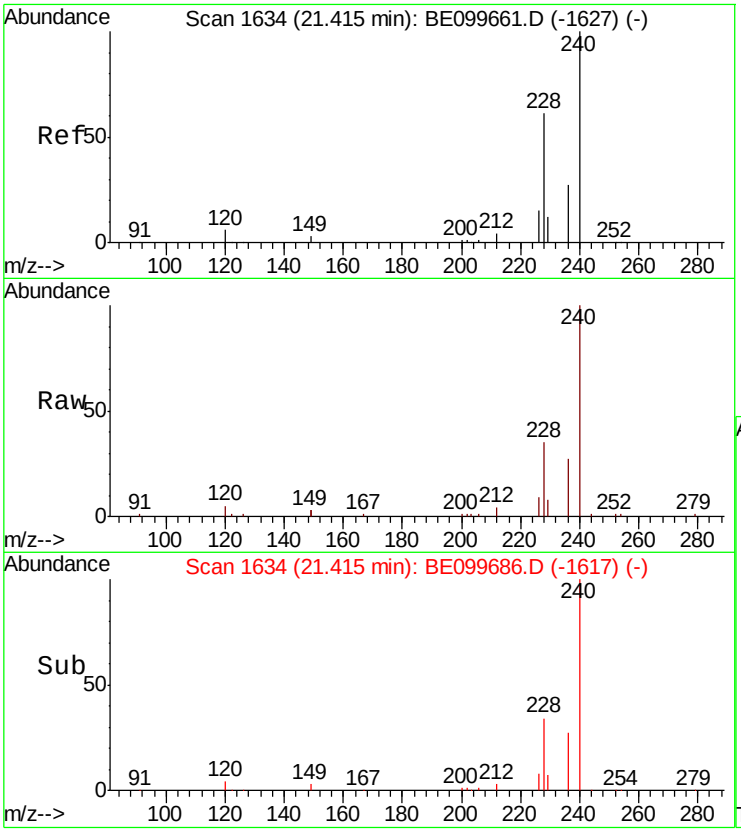




#26
Fluoranthene
Concen: 0.352 ng
RT: 19.29 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

Tgt Ion:202 Resp: 19062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.9 | 5.2 | 7.8 |
| 203 | 16.9 | 13.8 | 20.6 |



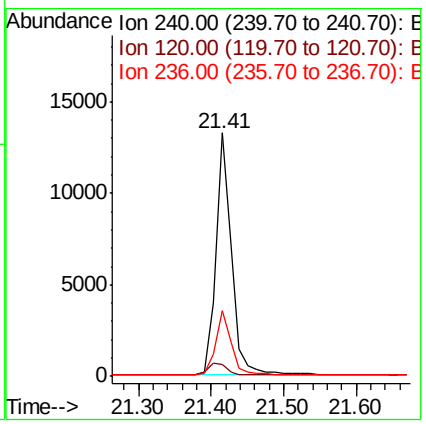


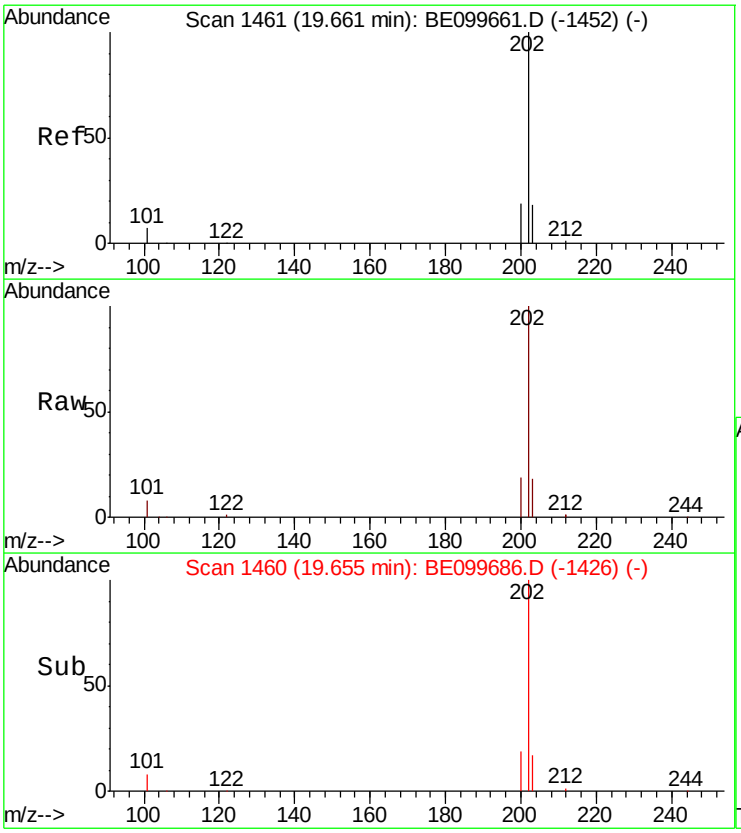

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

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

Tgt Ion:240 Resp: 19889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 4.9 | 5.4 | 8.0# |
| 236 | 27.1 | 21.7 | 32.5 |

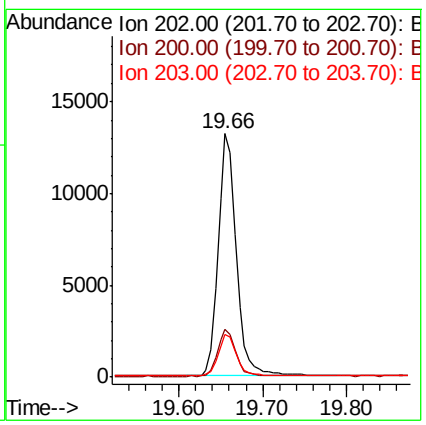


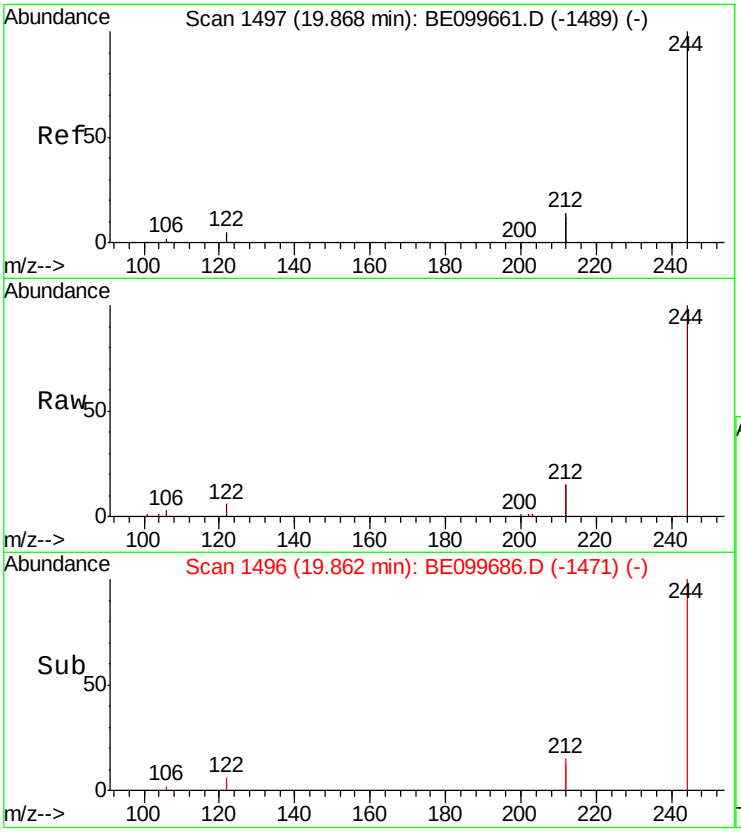




#28
Pyrene
Concen: 0.400 ng
RT: 19.66 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

Tgt Ion:202 Resp: 19999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.1 | 15.4 | 23.2 |
| 203 | 17.5 | 13.8 | 20.8 |



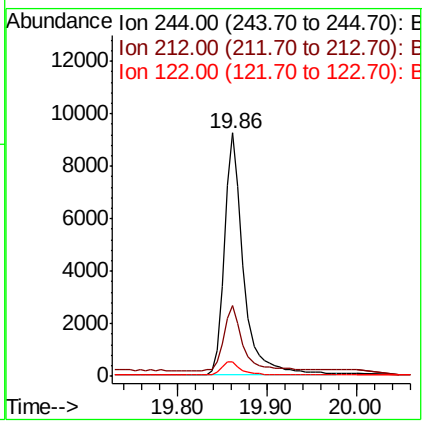


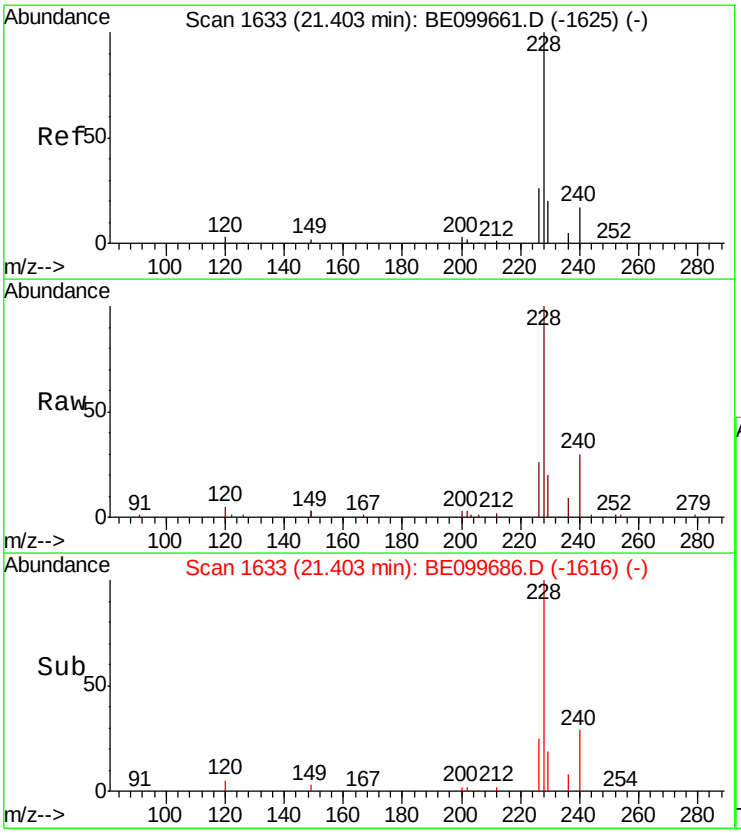

#29
Terphenyl-d14
Concen: 0.382 ng
RT: 19.86 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

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

Tgt Ion:244 Resp: 13568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 29.0 | 22.5 | 33.7 |
| 122 | 6.1 | 4.3 | 6.5 |

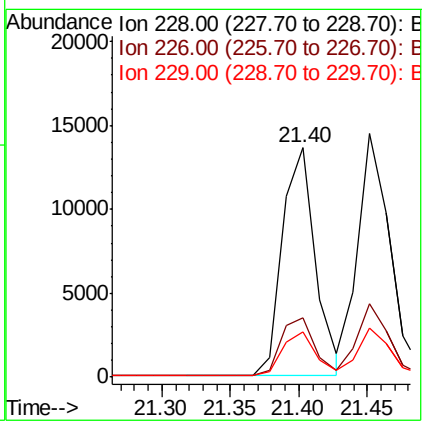


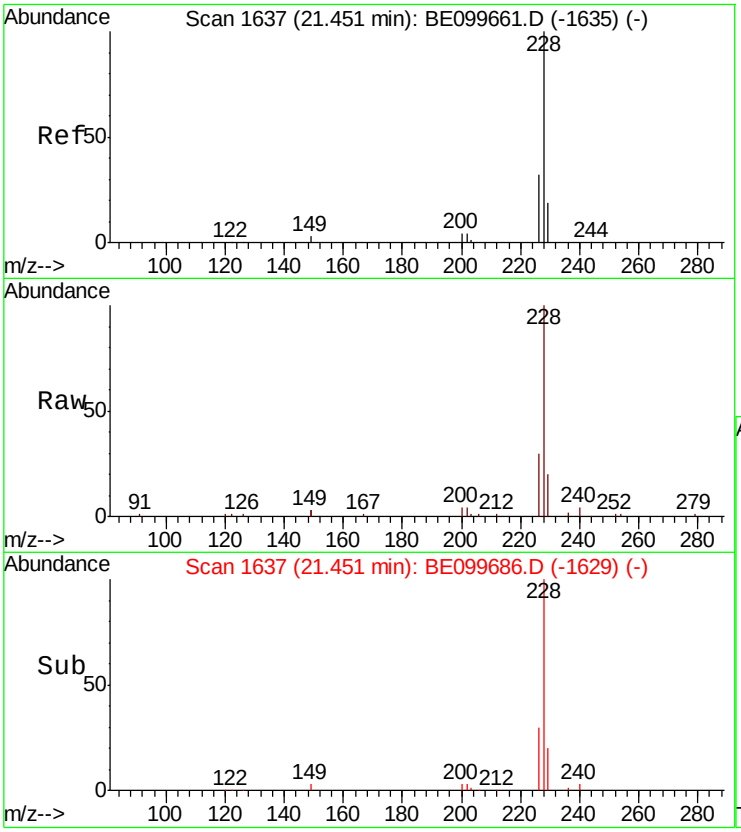




#30
Benzo(a)anthracene
Concen: 0.402 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

Tgt Ion:228 Resp: 22711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 25.8 | 21.3 | 31.9 |
| 229 | 19.9 | 16.1 | 24.1 |



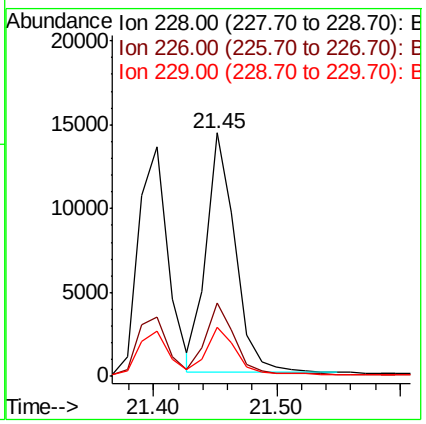


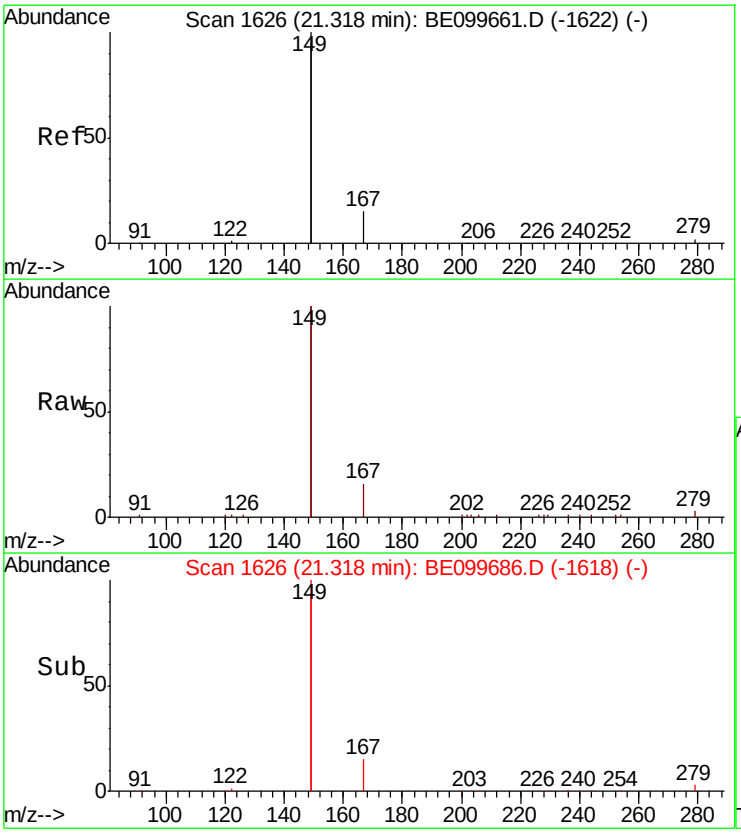

#31
Chrysene
Concen: 0.385 ng
RT: 21.45 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

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

Tgt Ion:228 Resp: 23276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.3 | 24.7 | 37.1 |
| 229 | 20.4 | 15.8 | 23.6 |

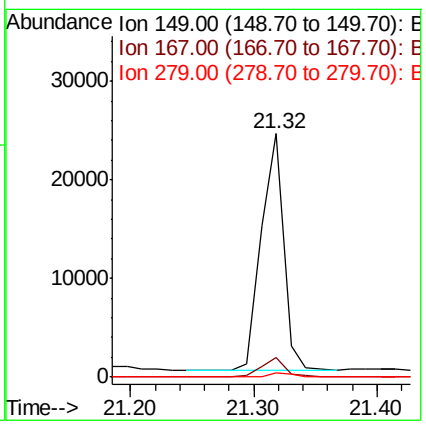


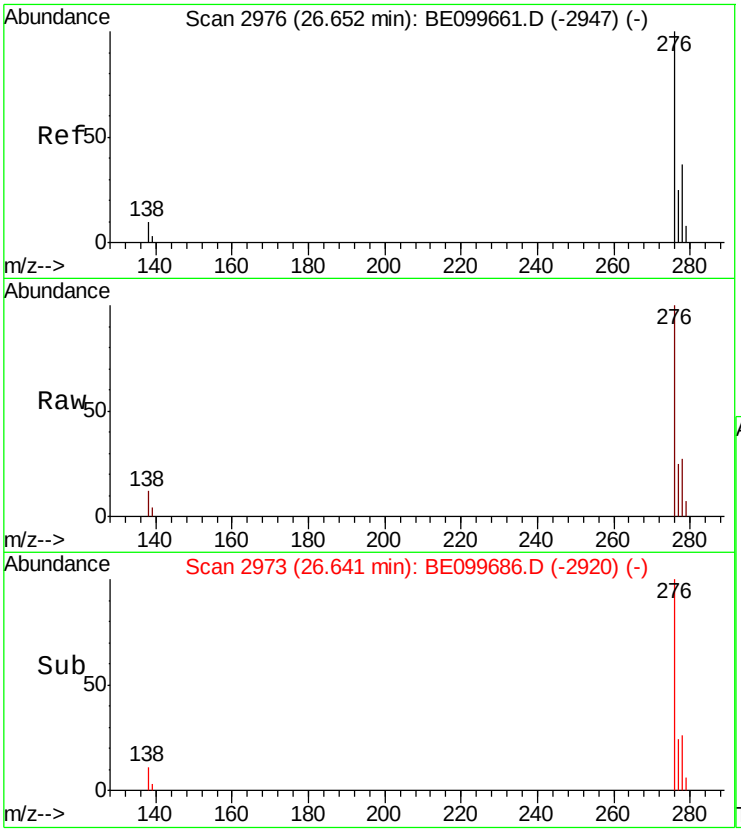




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.471 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

Tgt Ion:149 Resp: 30690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 7.6 | 6.2 | 9.4 |
| 279 | 1.6 | 1.2 | 1.8 |



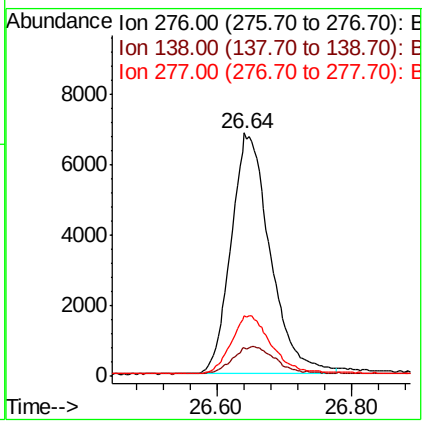


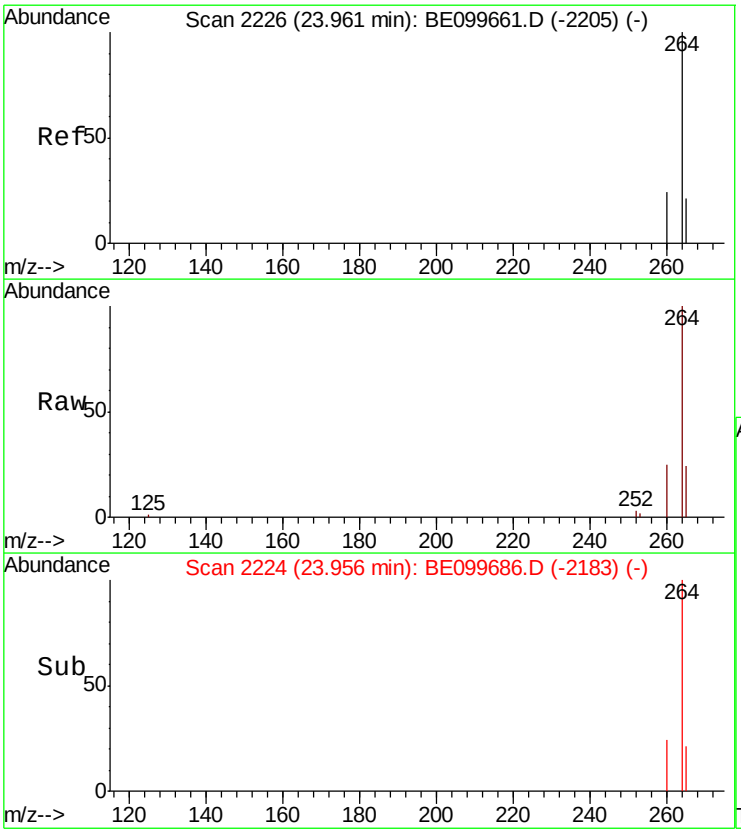

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.376 ng
RT: 26.64 min Scan# 2973
Delta R.T. -0.01 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

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

Tgt Ion:276 Resp: 27456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 12.3 | 9.6 | 14.4 |
| 277 | 25.2 | 19.2 | 28.8 |

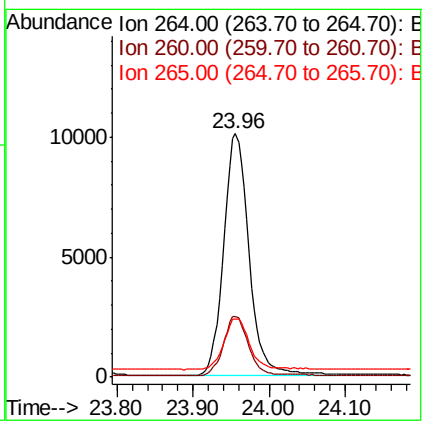


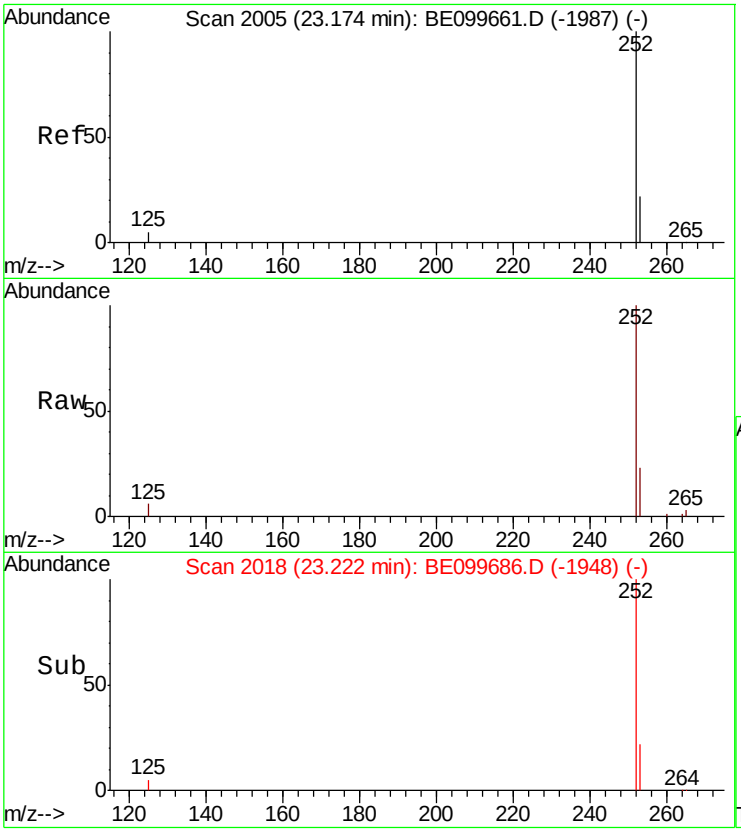




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.96 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

Tgt Ion:264 Resp: 23317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.8 | 19.6 | 29.4 |
| 265 | 24.1 | 19.1 | 28.7 |



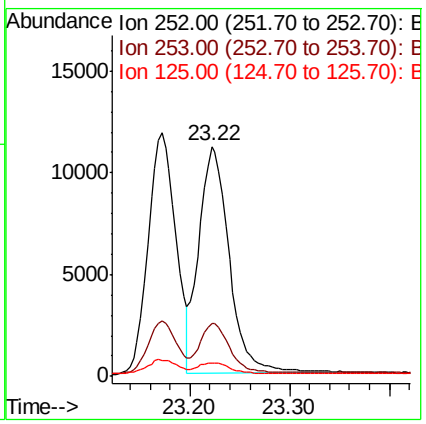


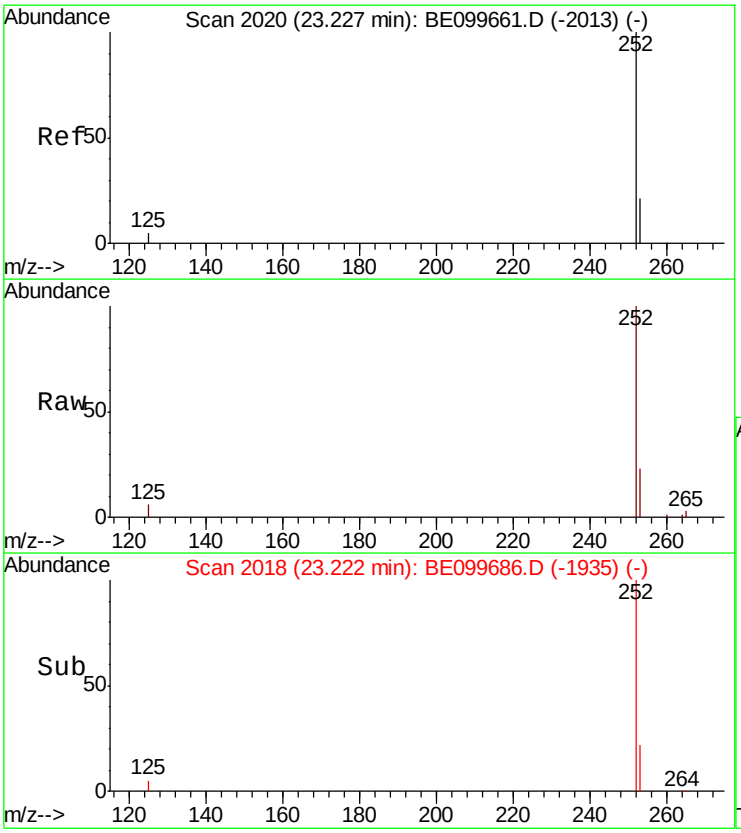

#35
Benzo(b)fluoranthene
Concen: 0.369 ng
RT: 23.22 min Scan# 2018
Delta R.T. 0.05 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

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

Tgt Ion:252 Resp: 23561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.9 | 18.2 | 27.4 |
| 125 | 6.0 | 4.5 | 6.7 |

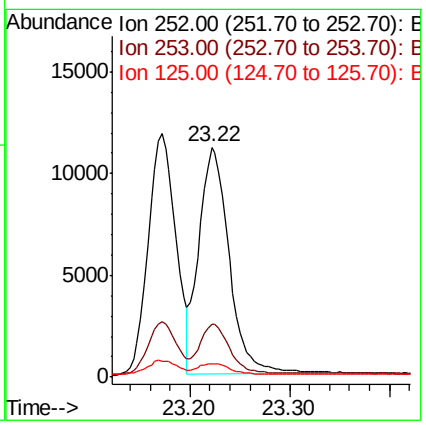


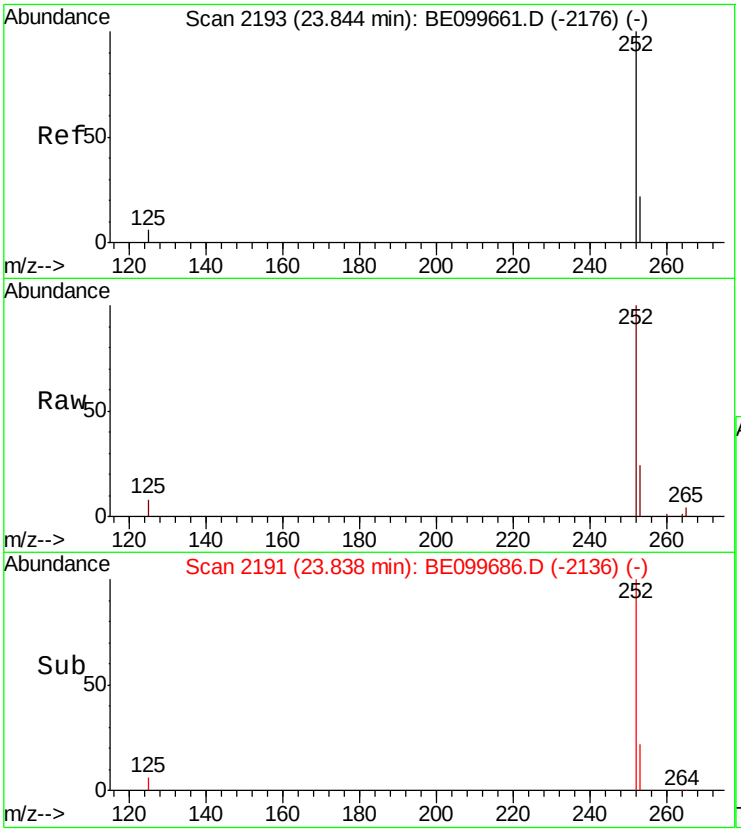




#36
Benzo(k)fluoranthene
Concen: 0.354 ng
RT: 23.22 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

Tgt Ion:252 Resp: 23561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.9 | 17.8 | 26.8 |
| 125 | 6.0 | 4.6 | 6.8 |



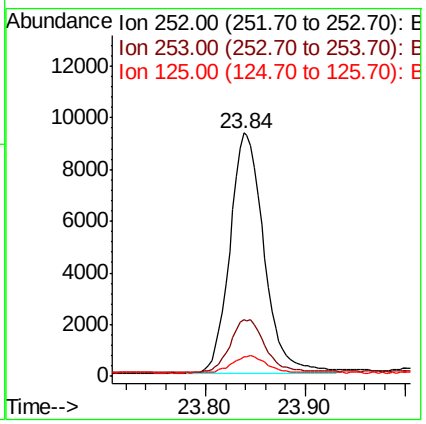


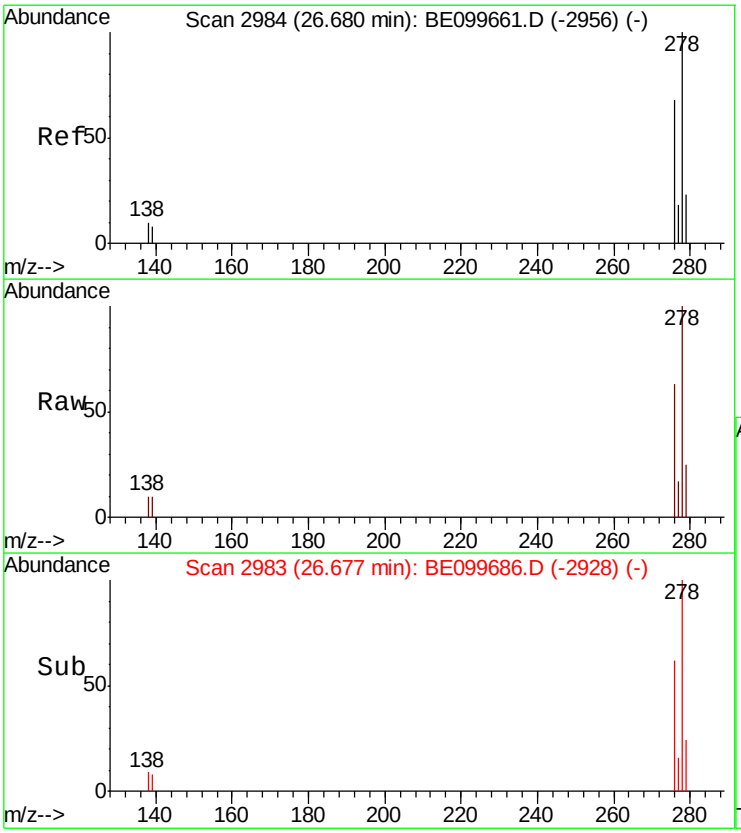

#37
Benzo(a)pyrene
Concen: 0.360 ng
RT: 23.84 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

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

Tgt Ion:252 Resp: 22107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.5 | 18.9 | 28.3 |
| 125 | 7.9 | 5.4 | 8.0 |

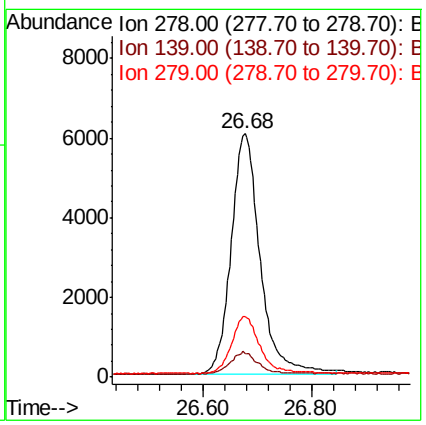


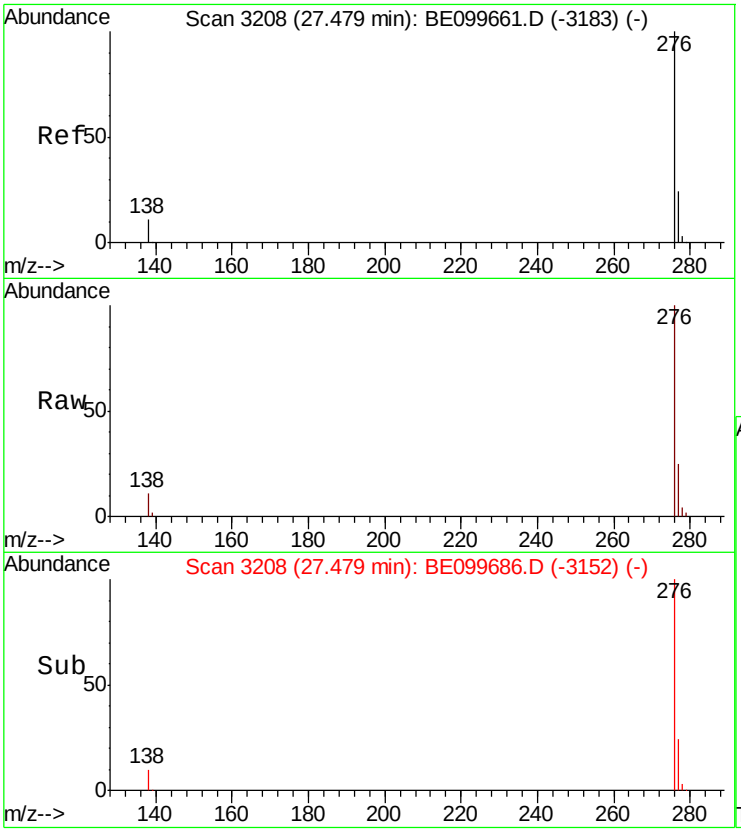




#38
Dibenzo(a,h)anthracene
Concen: 0.352 ng
RT: 26.68 min Scan# 2983
Delta R.T. -0.00 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

Tgt Ion:278 Resp: 22740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 9.5 | 6.9 | 10.3 |
| 279 | 24.9 | 19.2 | 28.8 |






#39
Benzo(g,h,i)perylene
Concen: 0.355 ng
RT: 27.48 min Scan# 3208
Delta R.T. 0.00 min
Lab File: BE099686.D
Acq: 21 May 2019 12:31

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

Tgt Ion:276 Resp: 23157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.8 | 19.8 | 29.6 |
| 138 | 11.0 | 9.2 | 13.8 |