Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062619\
Data File : BE100196.D
Acq On : 26 Jun 2019 17:31
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jun 27 05:27:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 15:40:27 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.66 | 152 | 782 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.46 | 136 | 2633 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.34 | 164 | 2016 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.09 | 188 | 6364 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.28 | 240 | 8468 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.72 | 264 | 9910 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.23 | 112 | 813 | 0.47 | ng | | 0.00 |
| 5) Phenol-d6 | 6.85 | 99 | 905 | 0.38 | ng | | -0.02 |
| 8) Nitrobenzene-d5 | 8.83 | 82 | 816 | 0.31 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.08 | 152 | 1721 | 0.35 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.85 | 330 | 352 | 0.30 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.97 | 172 | 2781 | 0.34 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.13 | 212 | 32687 | 0.36 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.73 | 244 | 6816 | 0.41 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.12 | 88 | 413 | 0.337 | ng | | 96 |
| 3) n-Nitrosodimethylamine | 3.47 | 42 | 233 | 0.515 | ng | # | 1 |
| 6) bis(2-Chloroethyl)ether | 7.09 | 93 | 862 | 0.394 | ng | # | 95 |
| 9) Naphthalene | 10.51 | 128 | 10238 | 0.356 | ng | # | 97 |
| 10) Hexachlorobutadiene | 10.78 | 225 | 971 | 0.327 | ng | | 99 |
| 12) 2-Methylnaphthalene | 12.15 | 142 | 1687 | 0.365 | ng | | 96 |
| 16) Acenaphthylene | 14.07 | 152 | 3454 | 0.351 | ng | | 99 |
| 17) Acenaphthene | 14.41 | 154 | 1971 | 0.358 | ng | | 97 |
| 18) Fluorene | 15.39 | 166 | 2916 | 0.366 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.29 | 248 | 1350 | 0.342 | ng | # | 89 |
| 21) Hexachlorobenzene | 16.40 | 284 | 1462 | 0.337 | ng | | 98 |
| 22) Pentachlorophenol | 16.79 | 266 | 221 | 0.423 | ng | | 90 |
| 23) Phenanthrene | 17.13 | 178 | 5412 | 0.359 | ng | | 99 |
| 24) Anthracene | 17.23 | 178 | 4780 | 0.375 | ng | | 98 |
| 26) Fluoranthene | 19.16 | 202 | 8592 | 0.350 | ng | # | 99 |
| 28) Pyrene | 19.52 | 202 | 9040 | 0.417 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.26 | 228 | 10201 | 0.409 | ng | | 97 |
| 31) Chrysene | 21.32 | 228 | 9933 | 0.339 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.18 | 149 | 13743 | 0.479 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 26.31 | 276 | 11796 | 0.283 | ng | # | 95 |
| 35) Benzo(b)fluoranthene | 22.97 | 252 | 9567 | 0.359 | ng | | 99 |
| 36) Benzo(k)fluoranthene | 23.02 | 252 | 11086 | 0.348 | ng | | 98 |
| 37) Benzo(a)pyrene | 23.61 | 252 | 9685 | 0.351 | ng | | 98 |
| 38) Dibenzo(a,h)anthracene | 26.33 | 278 | 9481 | 0.321 | ng | | 98 |
| 39) Benzo(g,h,i)perylene | 27.09 | 276 | 9974 | 0.323 | ng | | 98 |

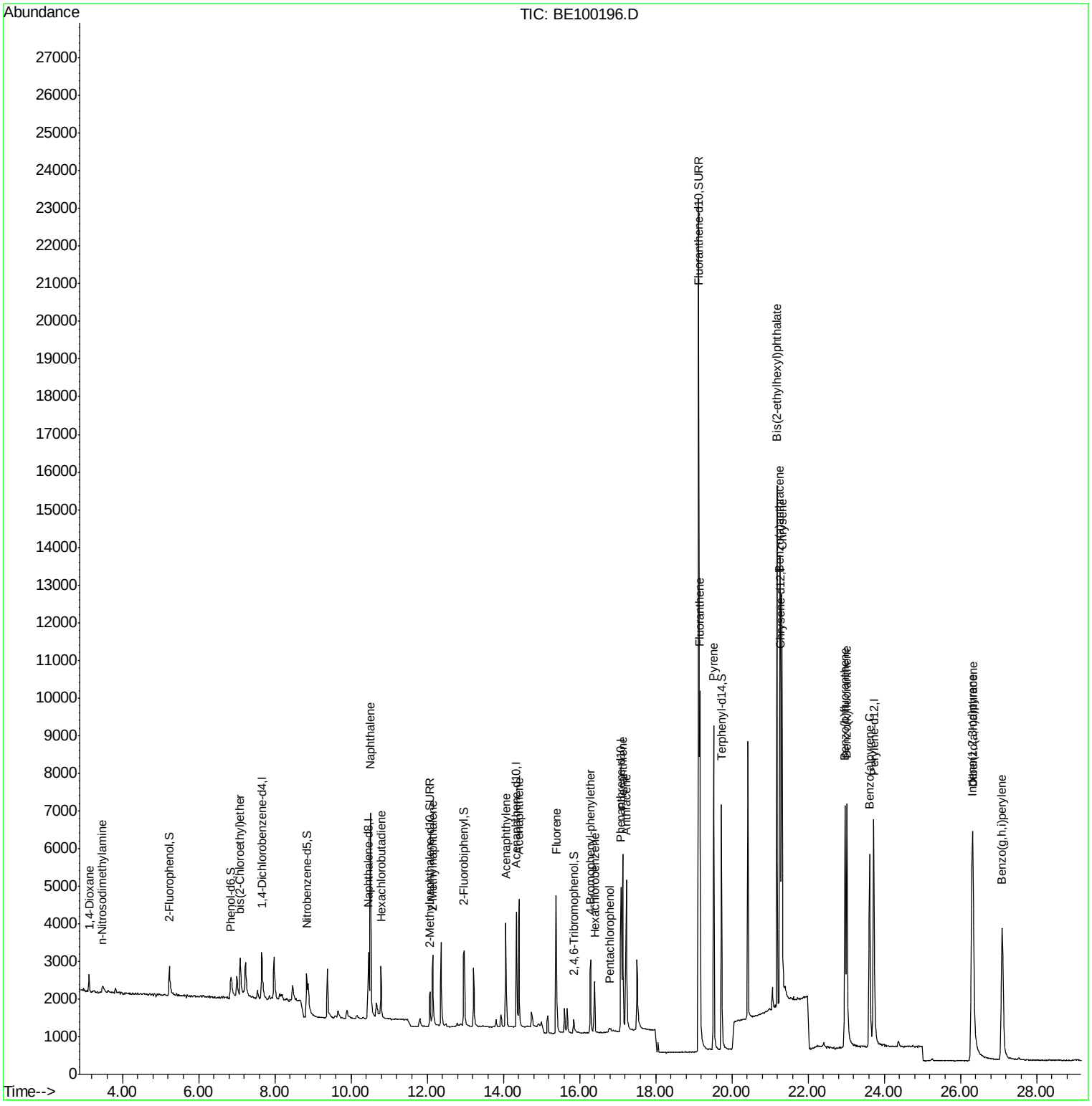
(#) = qualifier out of range (m) = manual integration (+) = signals summed

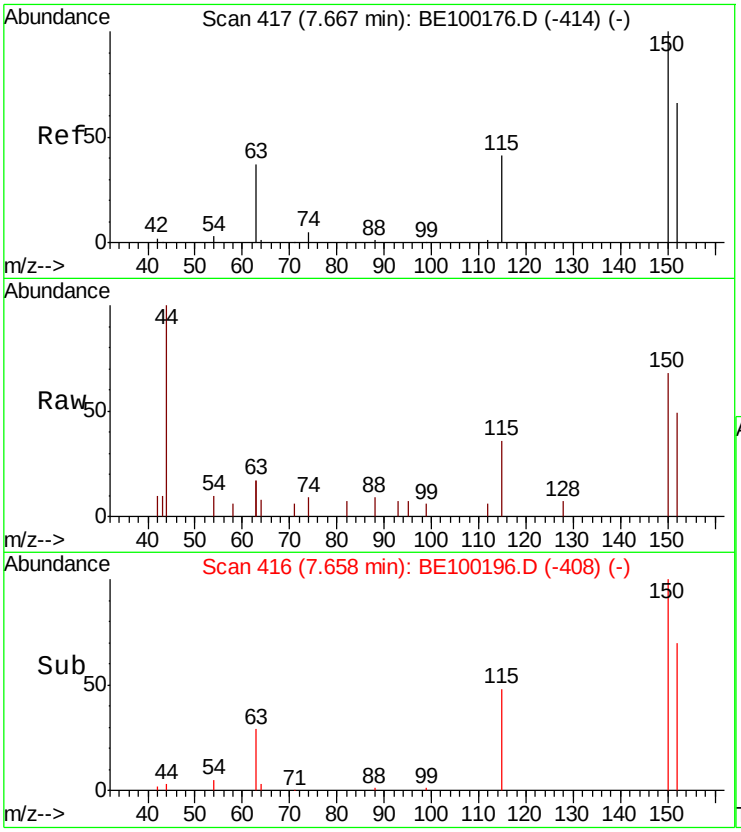
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062619\
Data File : BE100196.D
Acq On : 26 Jun 2019 17:31
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jun 27 05:27:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 15:40:27 2019
Response via : Initial Calibration



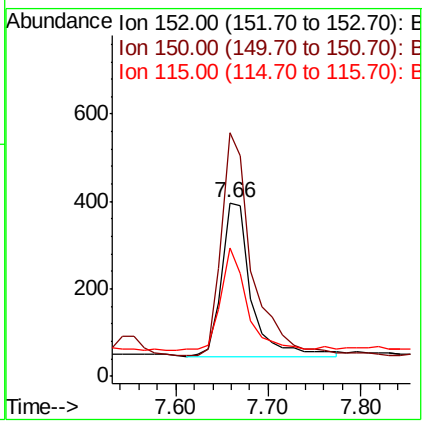


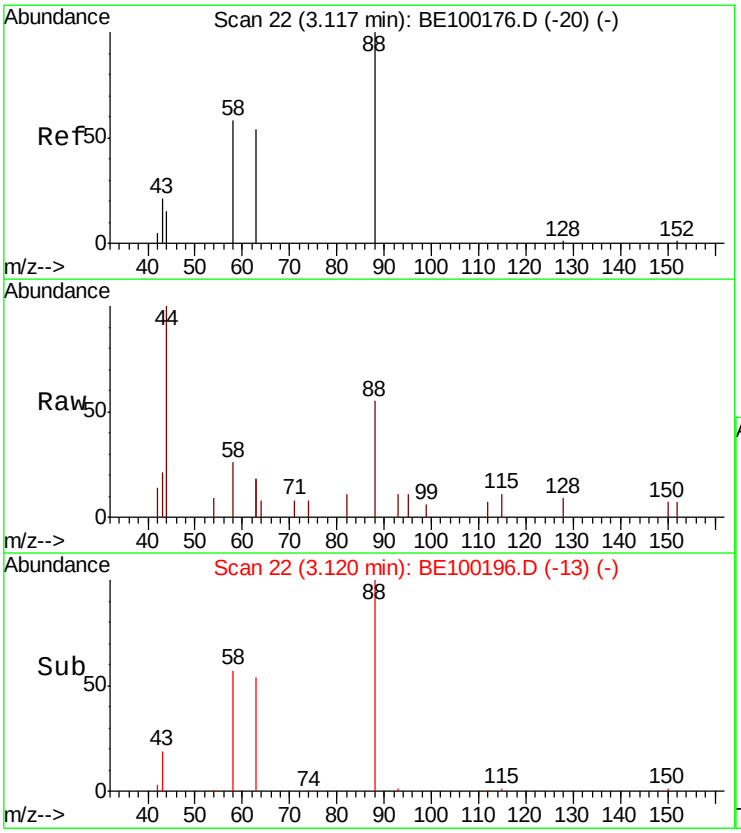

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 416
Delta R.T. -0.01 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

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

Tgt Ion:152 Resp: 782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 140.3 | 113.4 | 170.2 |
| 115 | 74.1 | 55.8 | 83.6 |

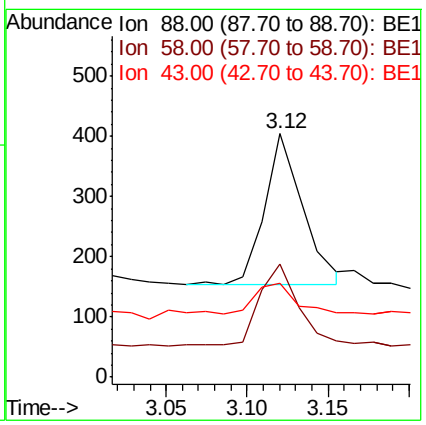


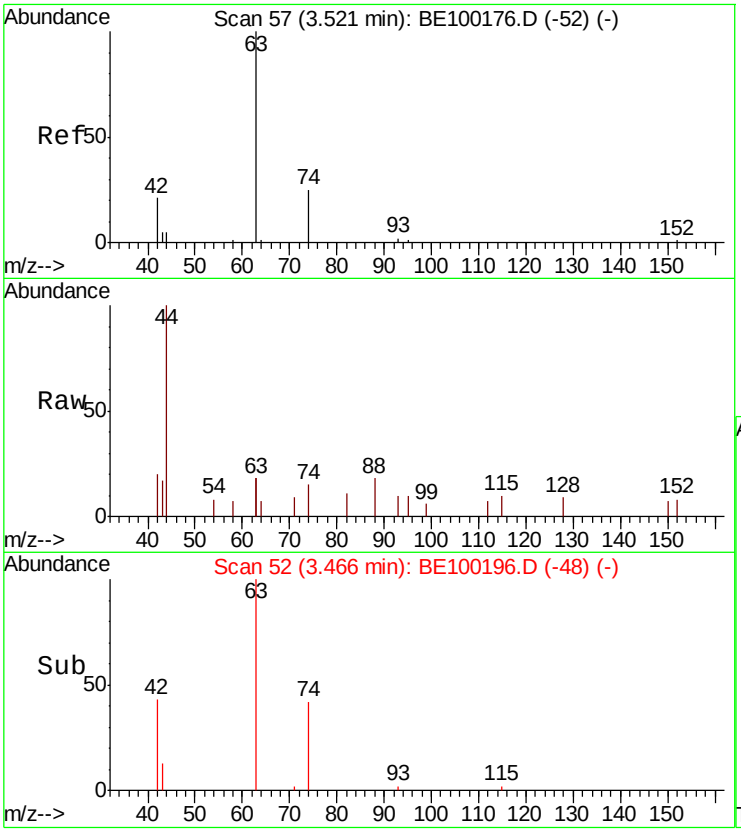




#2
1,4-Dioxane
Concen: 0.337 ng
RT: 3.12 min Scan# 22
Delta R.T. 0.00 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

Tgt Ion: 88 Resp: 413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 58.4 | 43.8 | 65.6 |
| 43 | 23.5 | 19.4 | 29.2 |



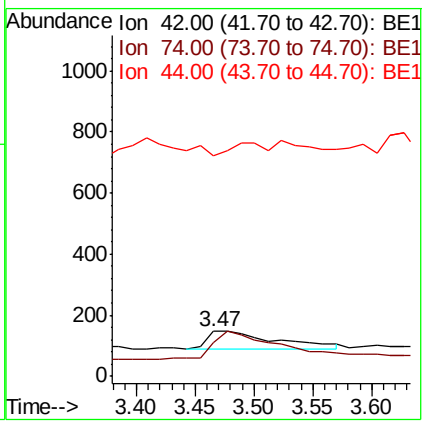


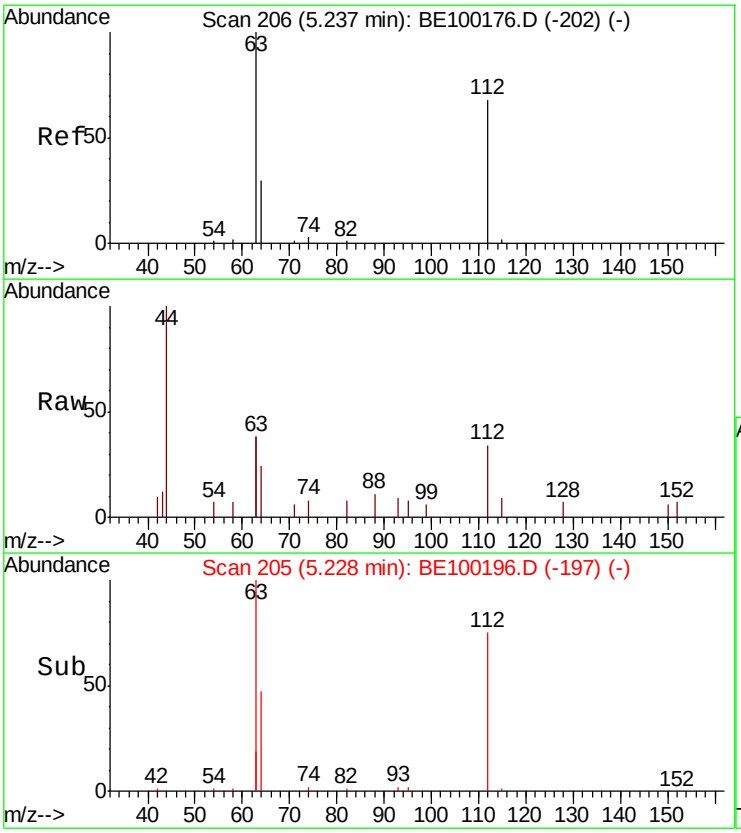

#3
n-Nitrosodimethylamine
Concen: 0.515 ng
RT: 3.47 min Scan# 52
Delta R.T. -0.05 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

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

Tgt Ion: 42 Resp: 233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 0.0 | 193.2 | 289.8# |
| 44 | 0.0 | 114.5 | 171.7# |

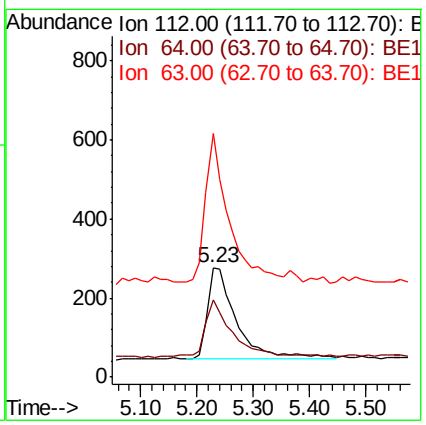


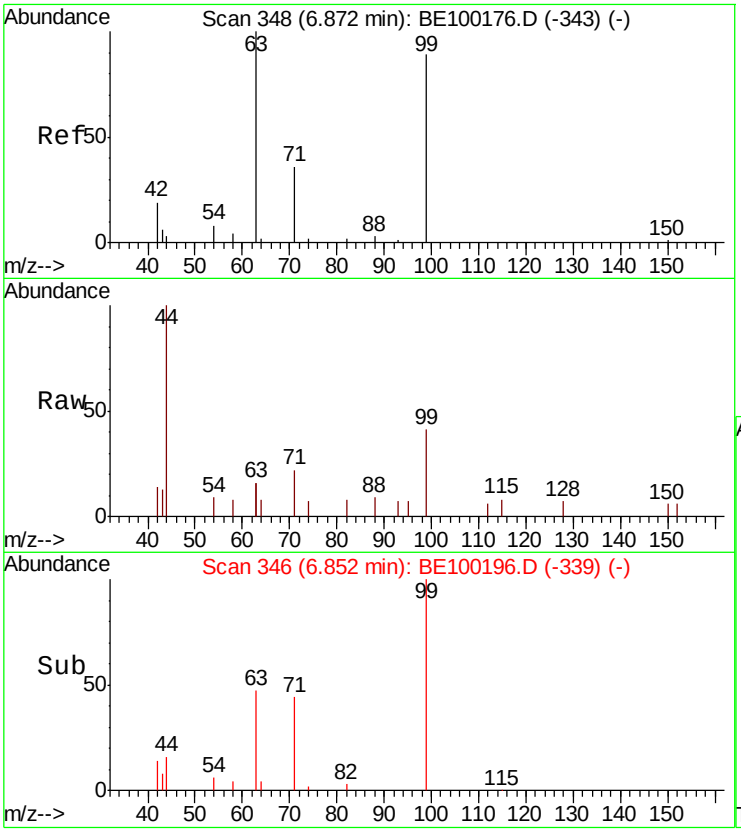




#4
2-Fluorophenol
Concen: 0.468 ng
RT: 5.23 min Scan# 205
Delta R.T. -0.01 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

Tgt Ion:112 Resp: 813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 52.9 | 40.7 | 61.1 |
| 63 | 129.9 | 93.2 | 139.8 |



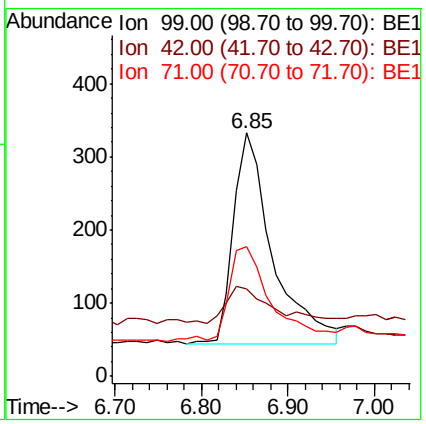


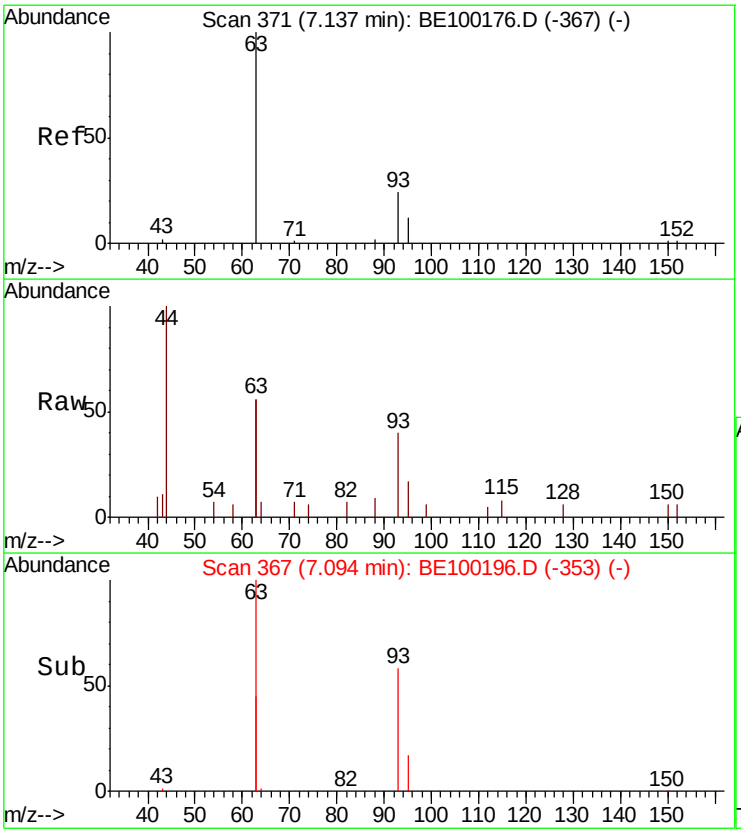

#5
Phenol-d6
Concen: 0.378 ng
RT: 6.85 min Scan# 346
Delta R.T. -0.02 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

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

Tgt Ion: 99 Resp: 905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.9 | 10.4 | 15.6# |
| 71 | 45.4 | 32.4 | 48.6 |

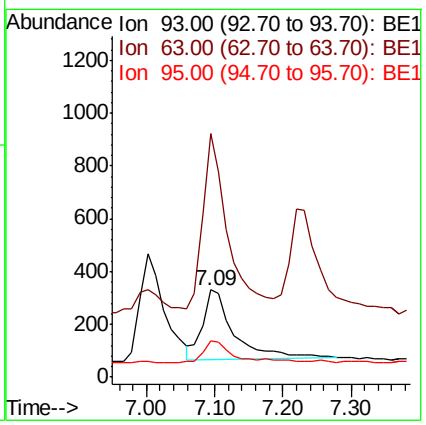


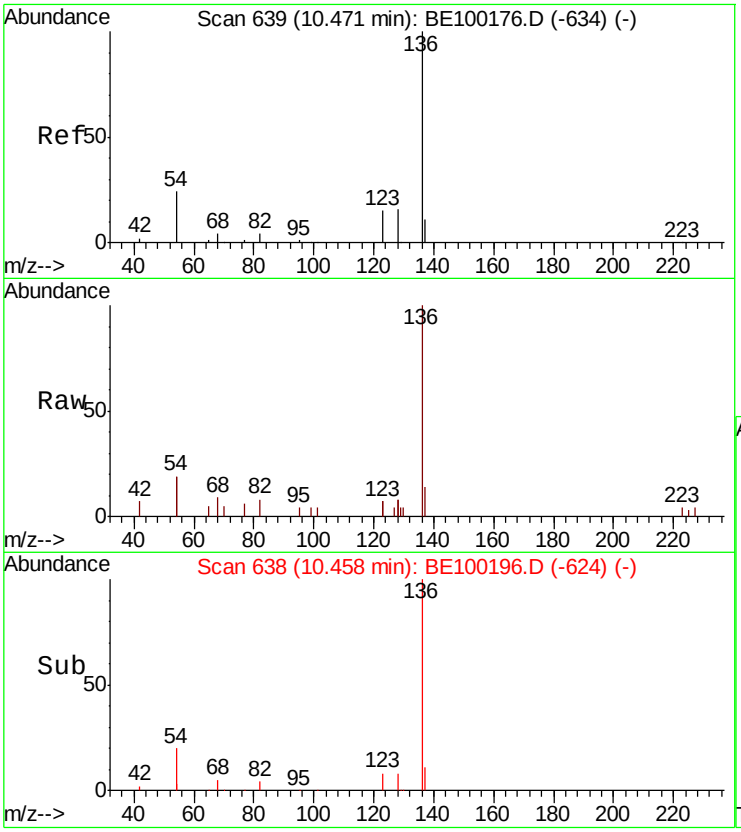




#6
bis(2-Chloroethyl)ether
Concen: 0.394 ng
RT: 7.09 min Scan# 367
Delta R.T. -0.04 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

Tgt Ion: 93 Resp: 862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 190.6 | 0.0 | 0.0# |
| 95 | 29.0 | 21.0 | 31.6 |



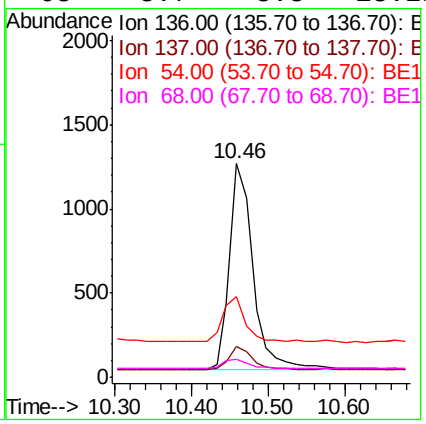


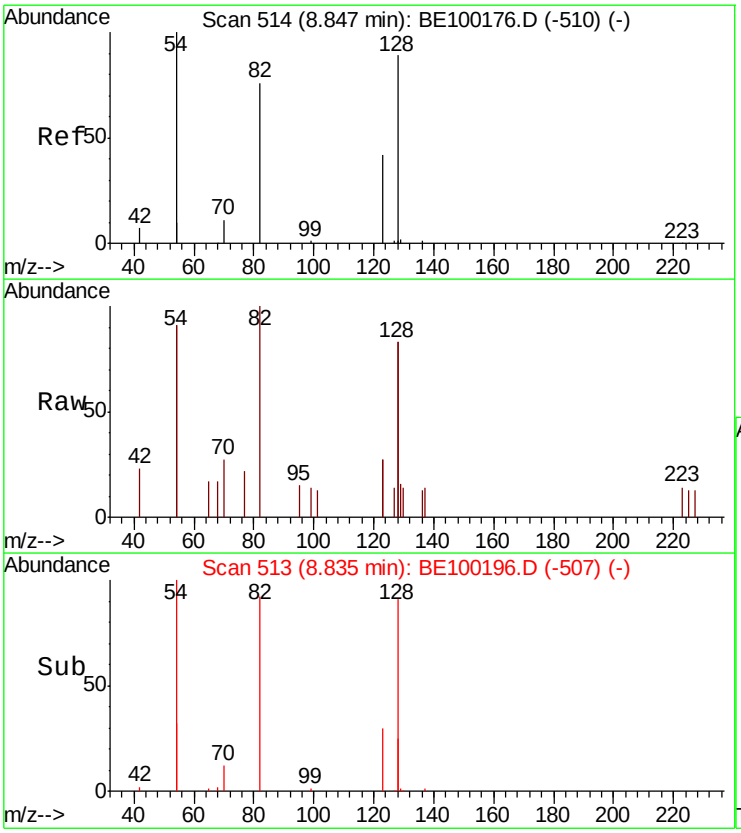

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 638
Delta R.T. -0.01 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

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

Tgt Ion:136 Resp: 2633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 14.1 | 13.8 | 20.8 |
| 54 | 37.8 | 35.4 | 53.2 |
| 68 | 8.7 | 8.8 | 13.2# |

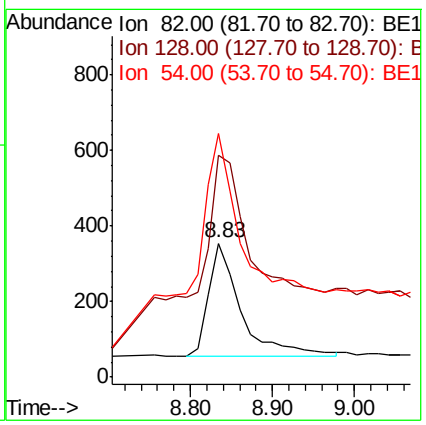


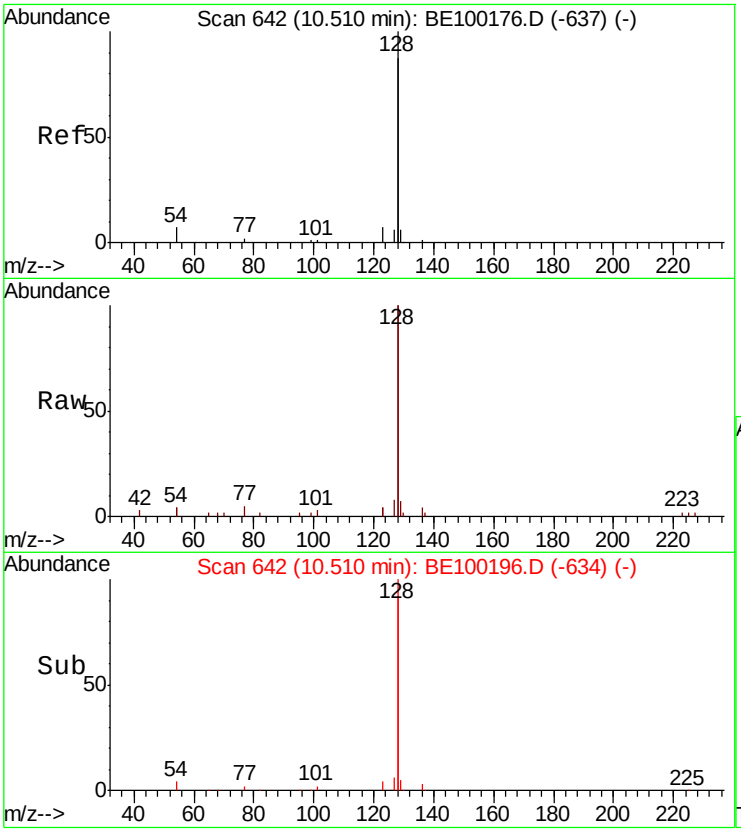




#8
Nitrobenzene-d5
Concen: 0.311 ng
RT: 8.83 min Scan# 513
Delta R.T. -0.01 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

Tgt Ion: 82 Resp: 816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 165.5 | 144.6 | 217.0 |
| 54 | 181.9 | 163.0 | 244.6 |



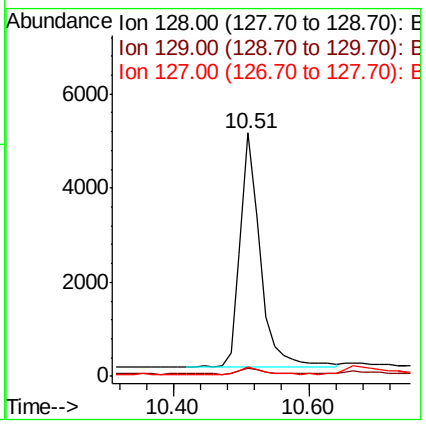


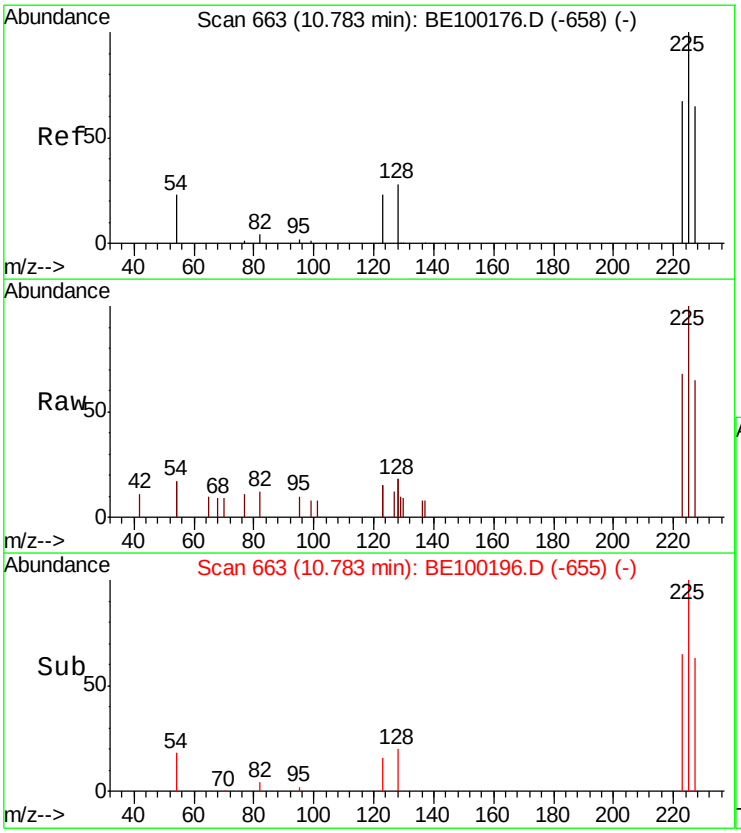

#9
Naphthalene
Concen: 0.356 ng
RT: 10.51 min Scan# 642
Delta R.T. 0.00 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

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

Tgt Ion:128 Resp: 10238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 3.4 | 3.6 | 5.4# |
| 127 | 4.0 | 3.8 | 5.8 |

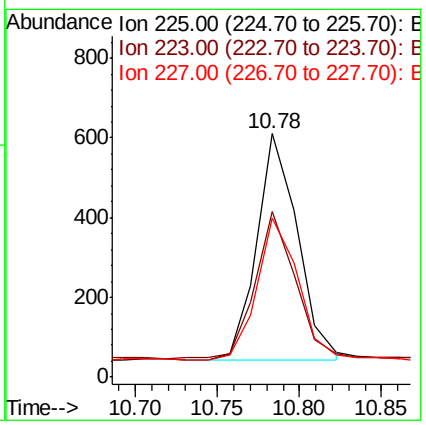


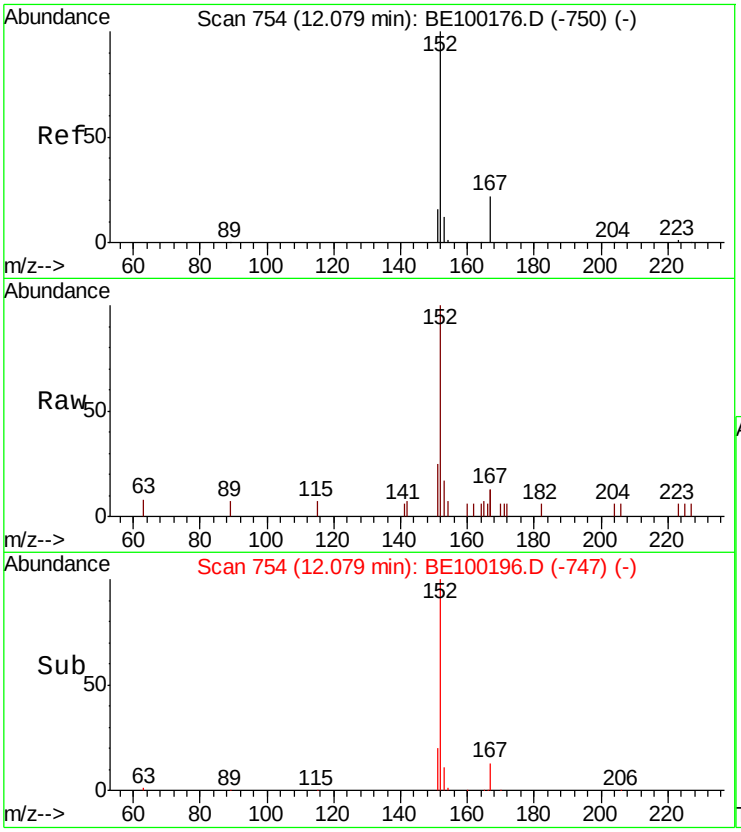




#10
Hexachlorobutadiene
Concen: 0.327 ng
RT: 10.78 min Scan# 663
Delta R.T. 0.00 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

Tgt Ion:225 Resp: 971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.9 | 50.1 | 75.1 |
| 227 | 63.4 | 50.9 | 76.3 |



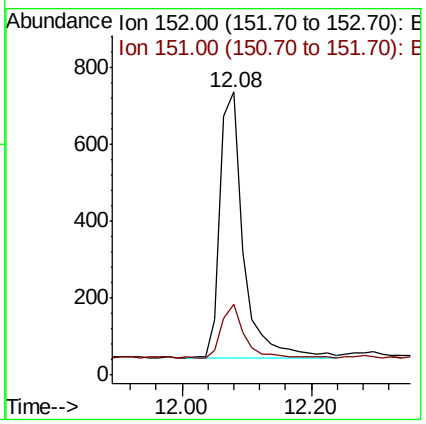


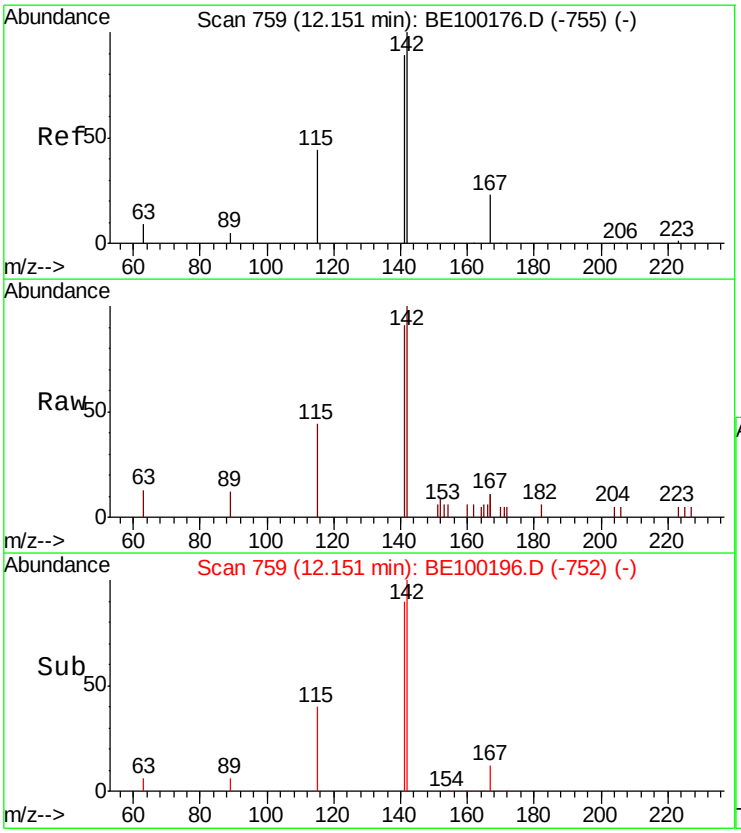

#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 12.08 min Scan# 754
Delta R.T. -0.00 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

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

Tgt Ion:152 Resp: 1721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.1 | 16.3 | 24.5 |

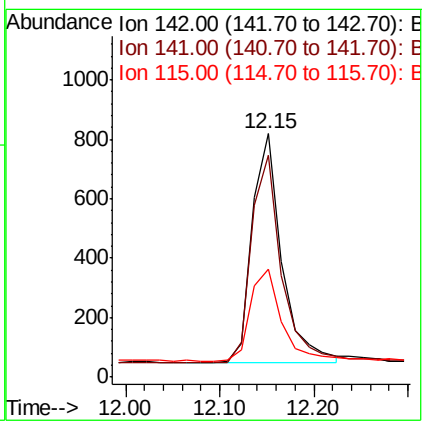


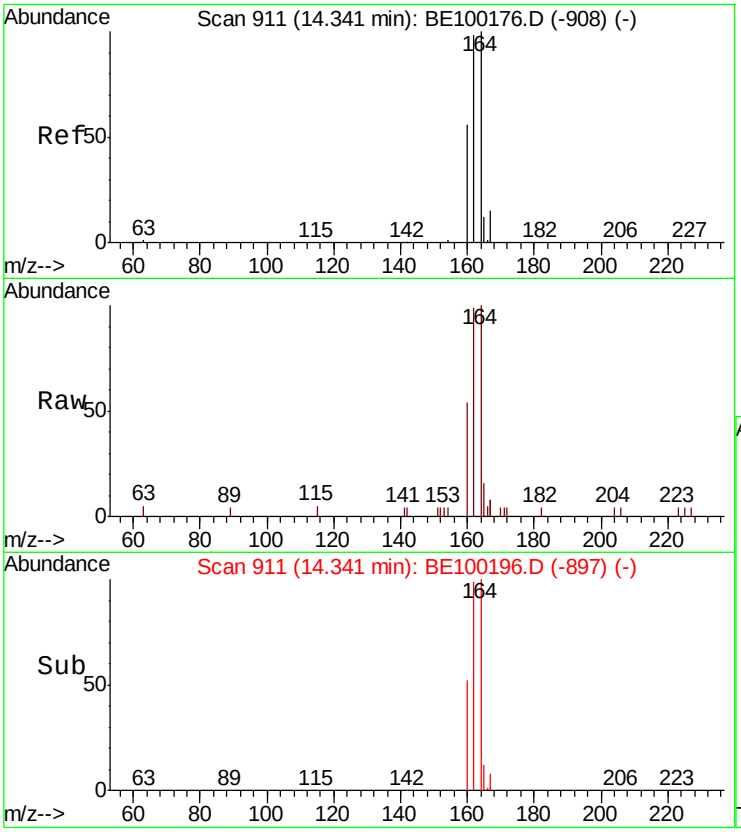




#12
2-Methylnaphthalene
Concen: 0.365 ng
RT: 12.15 min Scan# 759
Delta R.T. -0.00 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

Tgt Ion:142 Resp: 1687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.0 | 71.8 | 107.8 |
| 115 | 44.2 | 40.4 | 60.6 |



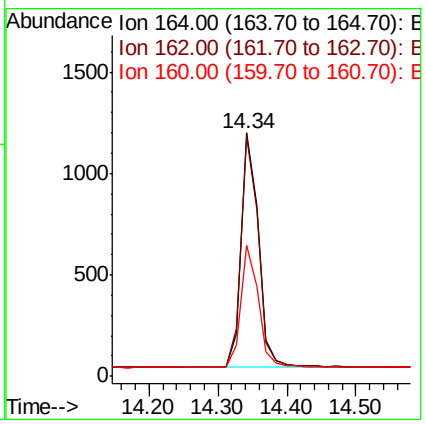


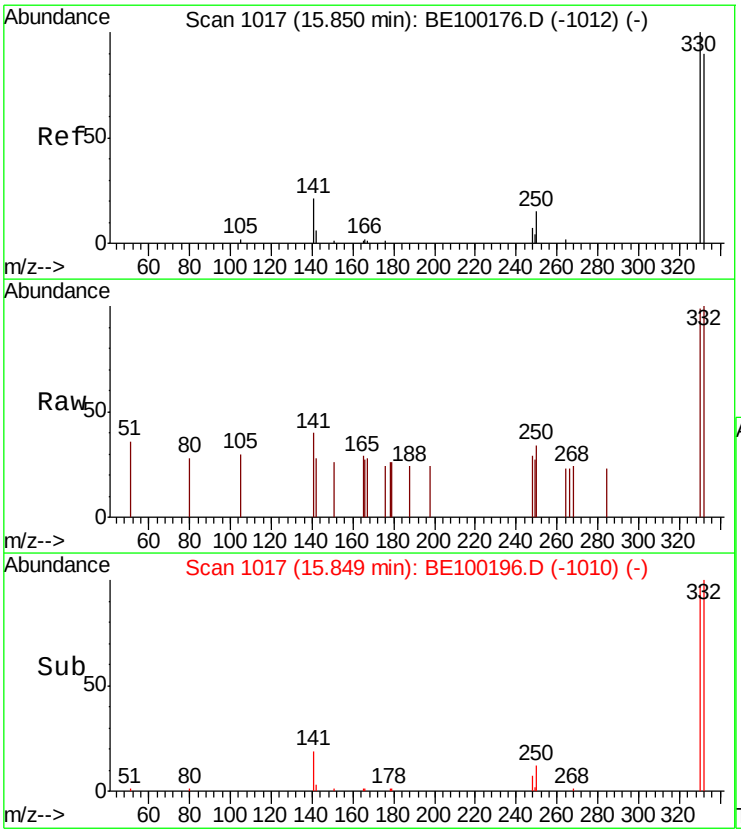

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 911
Delta R.T. -0.00 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

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

Tgt Ion:164 Resp: 2016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.5 | 78.6 | 118.0 |
| 160 | 53.7 | 46.9 | 70.3 |

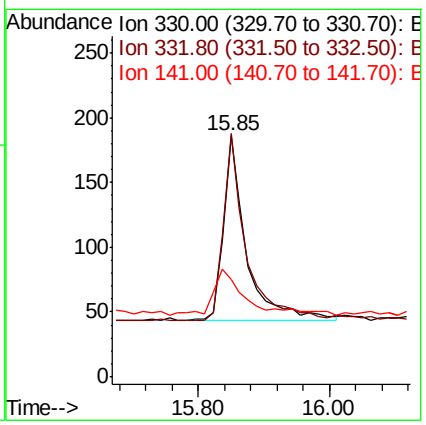


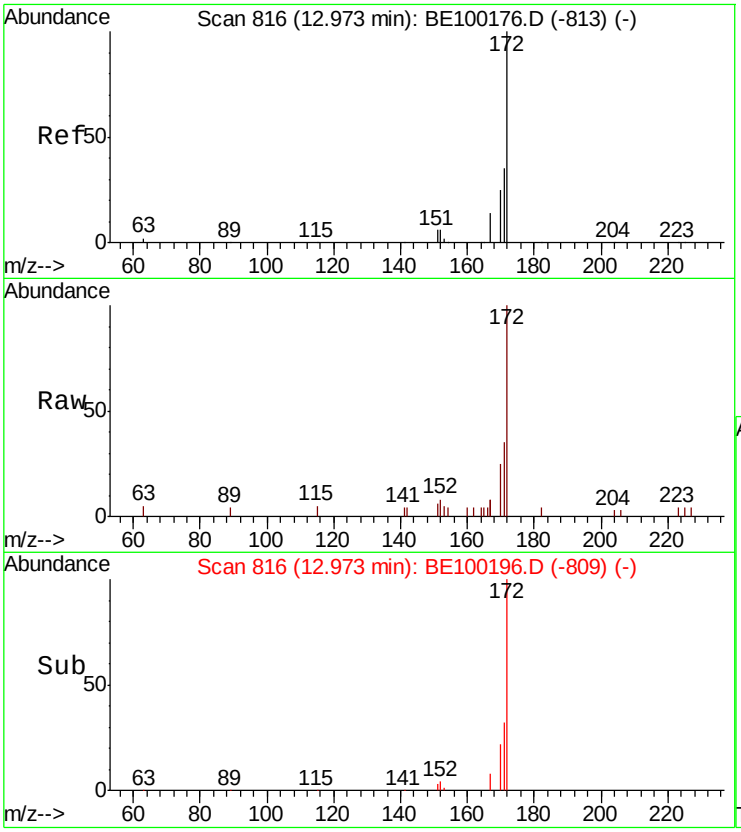




#14
2,4,6-Tribromophenol
Concen: 0.302 ng
RT: 15.85 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

Tgt Ion:330 Resp: 352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 101.1 | 77.7 | 116.5 |
| 141 | 34.9 | 18.9 | 28.3# |



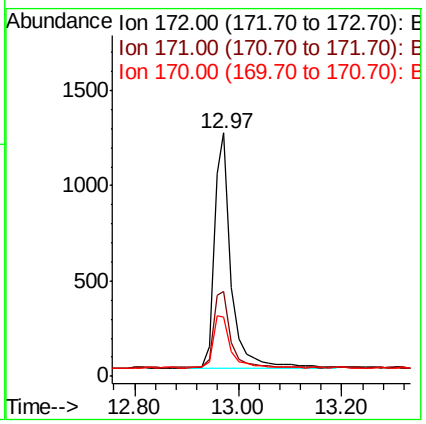


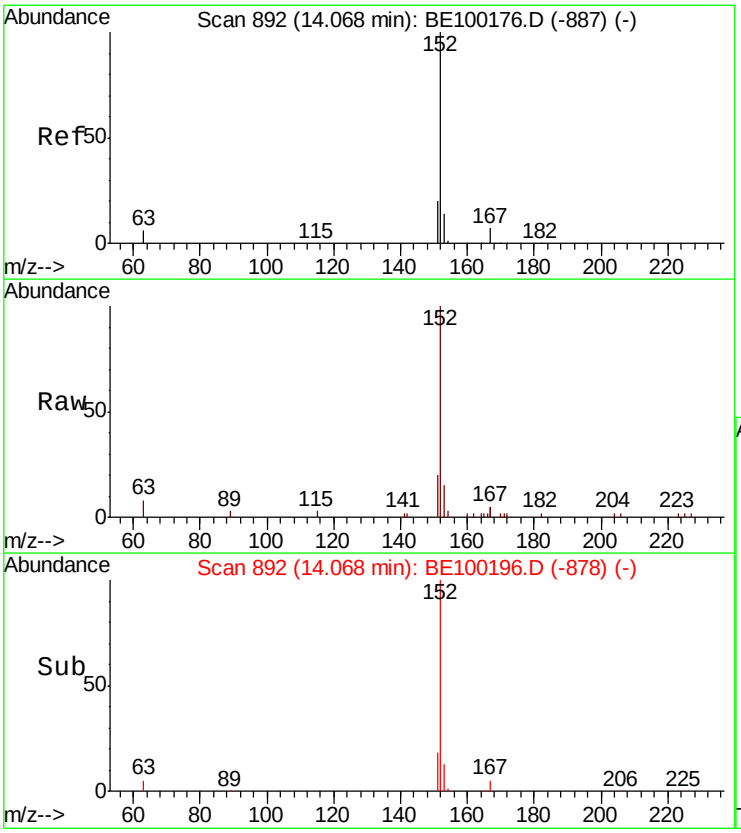

#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 12.97 min Scan# 816
Delta R.T. -0.00 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

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

Tgt Ion:172 Resp: 2781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.7 | 31.0 | 46.4 |
| 170 | 24.6 | 23.9 | 35.9 |

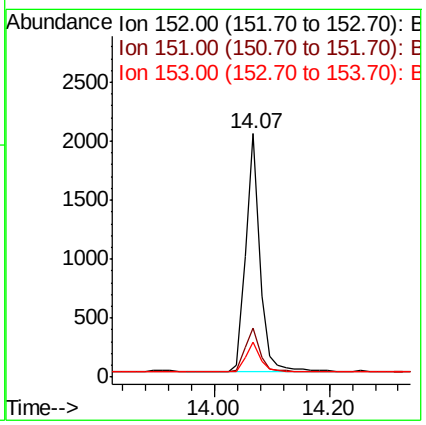


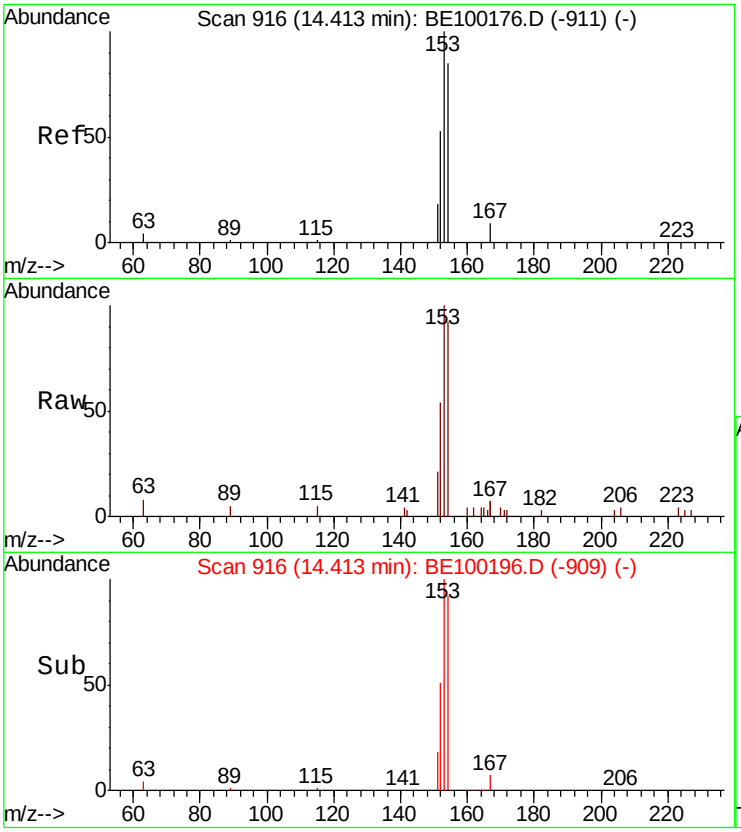




#16
Acenaphthylene
Concen: 0.351 ng
RT: 14.07 min Scan# 892
Delta R.T. -0.00 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

Tgt Ion:152 Resp: 3454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 18.9 | 15.4 | 23.0 |
| 153 | 12.9 | 10.8 | 16.2 |



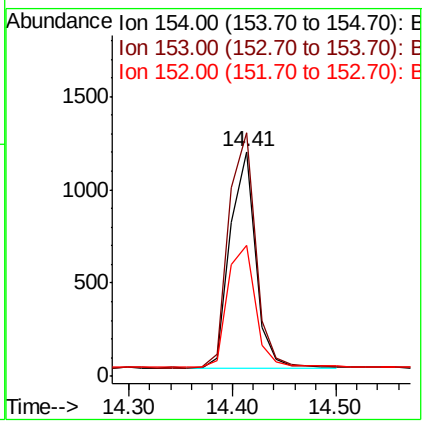


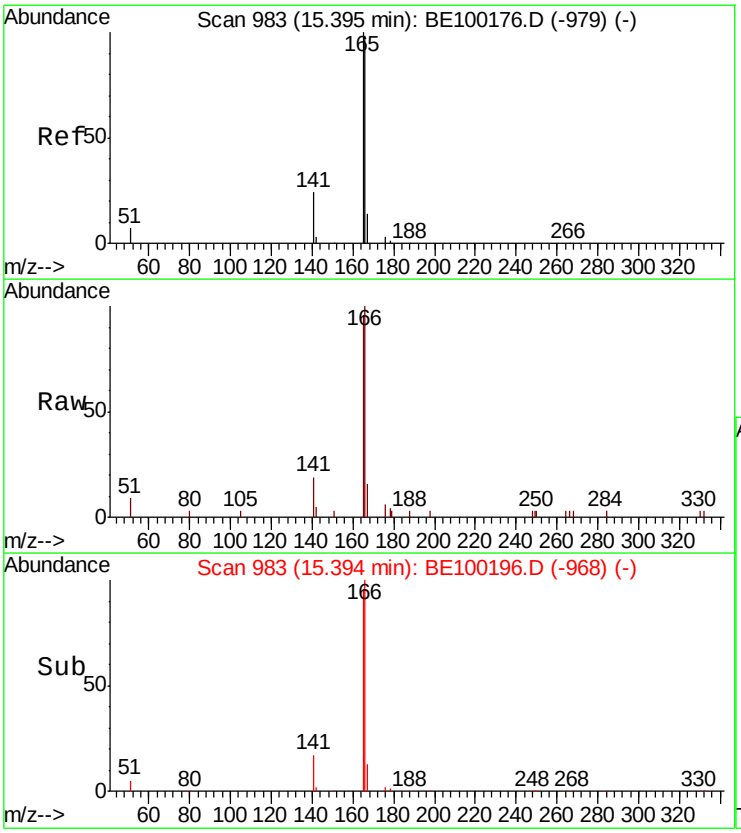

#17
Acenaphthene
Concen: 0.358 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.00 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

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

Tgt Ion:154 Resp: 1971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 116.8 | 95.3 | 142.9 |
| 152 | 62.0 | 52.9 | 79.3 |

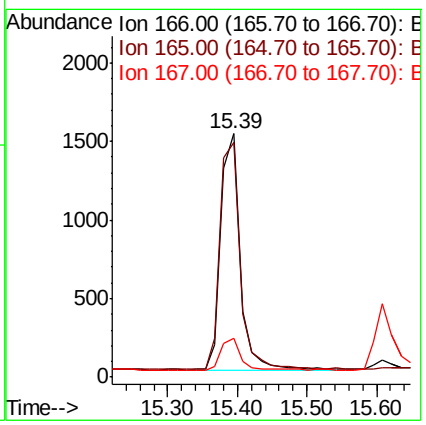


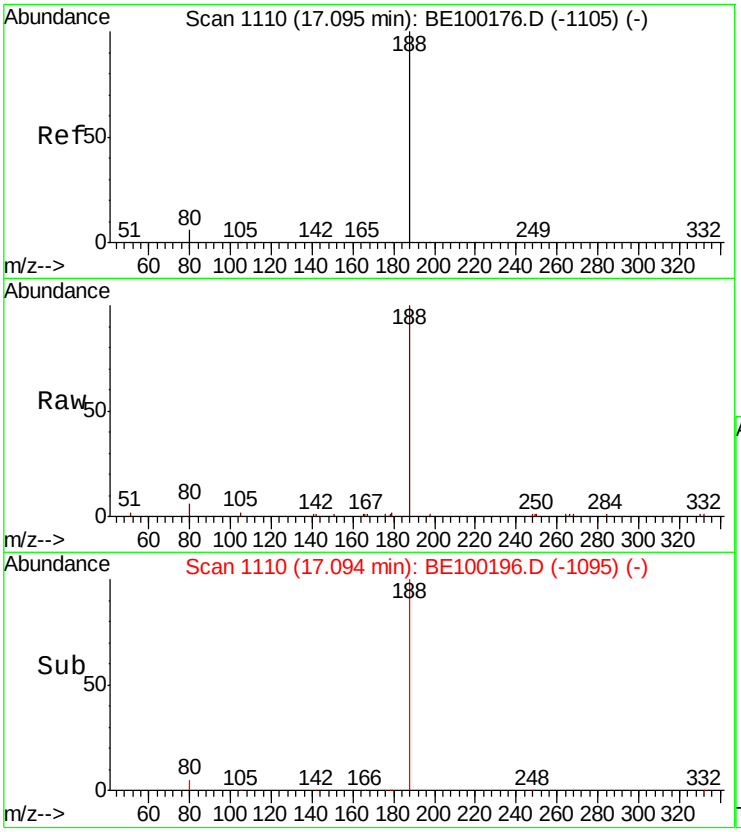




#18
Fluorene
Concen: 0.366 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.00 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

Tgt Ion:166 Resp: 2916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.0 | 81.0 | 121.4 |
| 167 | 13.5 | 11.4 | 17.0 |



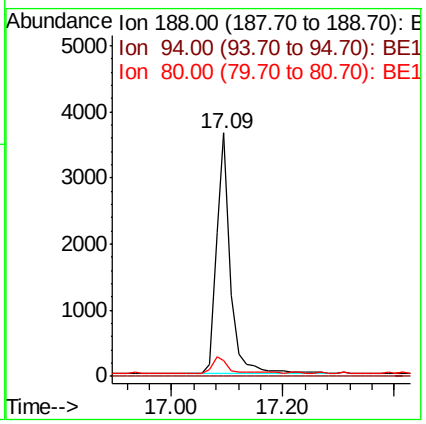


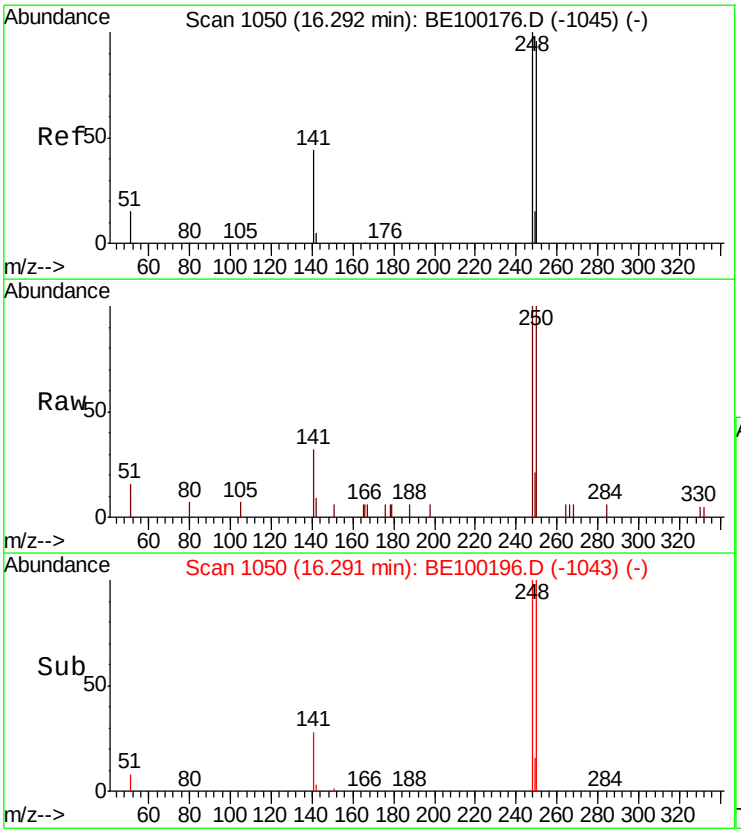

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

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

Tgt Ion:188 Resp: 6364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 6.4 | 6.4 | 9.6# |

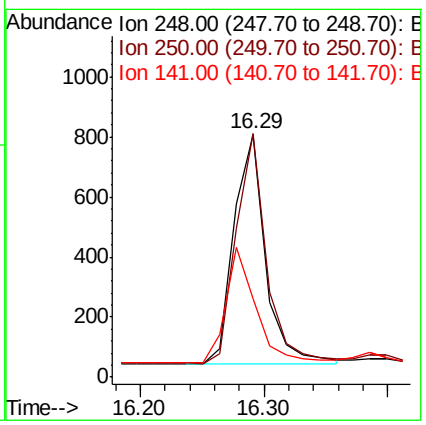


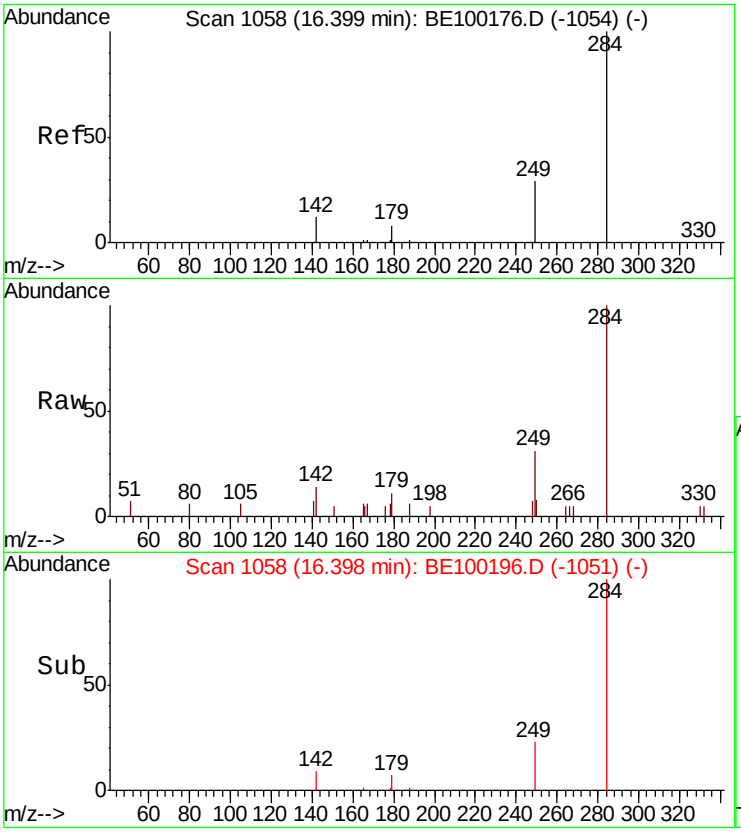




#20
4-Bromophenyl-phenylether
Concen: 0.342 ng
RT: 16.29 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

Tgt Ion:248 Resp: 1350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 100.5 | 77.1 | 115.7 |
| 141 | 32.6 | 39.5 | 59.3# |



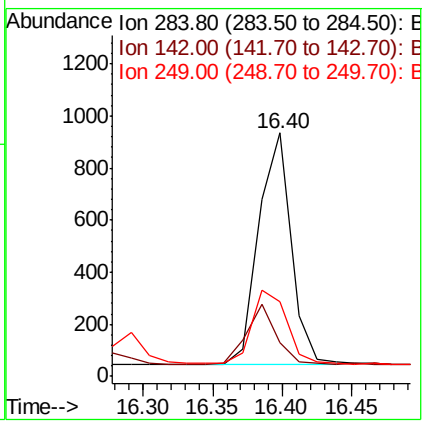


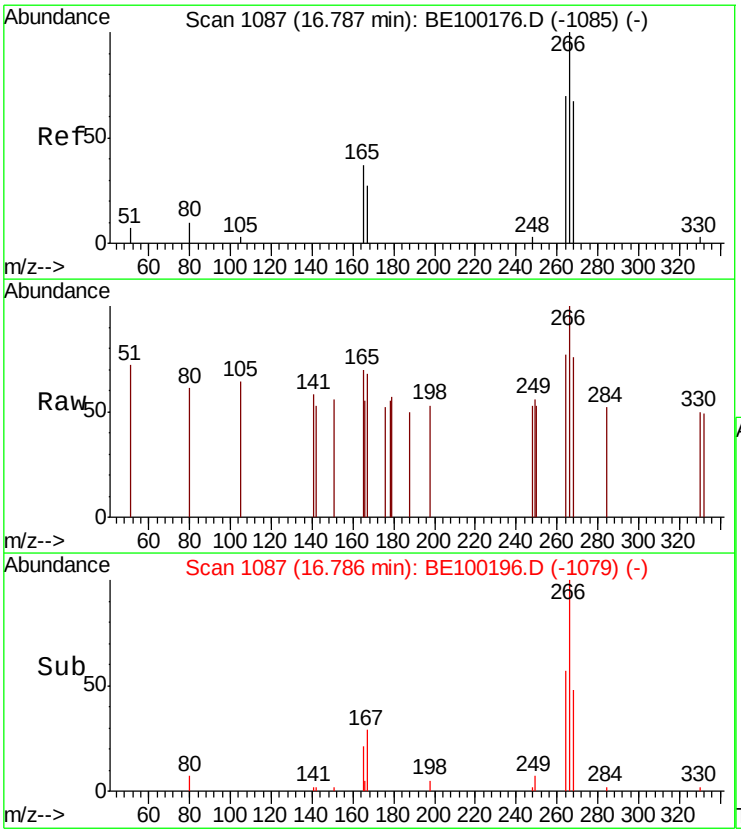

#21
Hexachlorobenzene
Concen: 0.337 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

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

Tgt Ion:284 Resp: 1462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 22.9 | 20.1 | 30.1 |
| 249 | 33.2 | 26.2 | 39.4 |

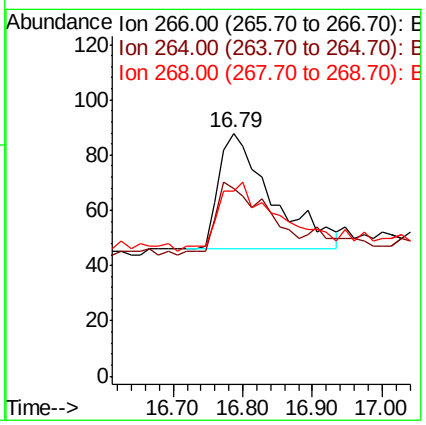


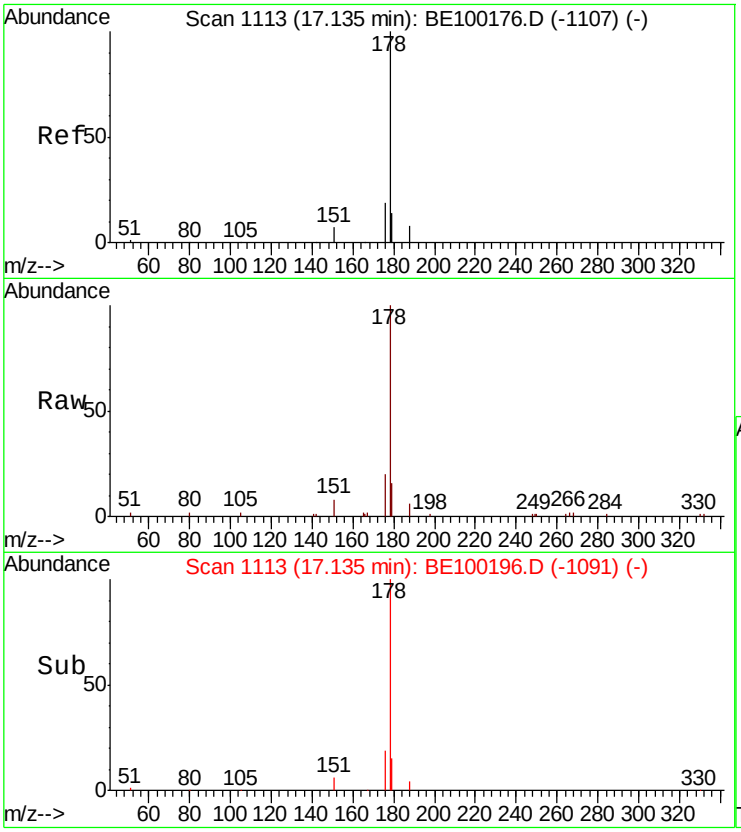




#22
Pentachlorophenol
Concen: 0.423 ng
RT: 16.79 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

Tgt Ion:266 Resp: 221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 77.3 | 67.7 | 101.5 |
| 268 | 76.1 | 69.8 | 104.6 |



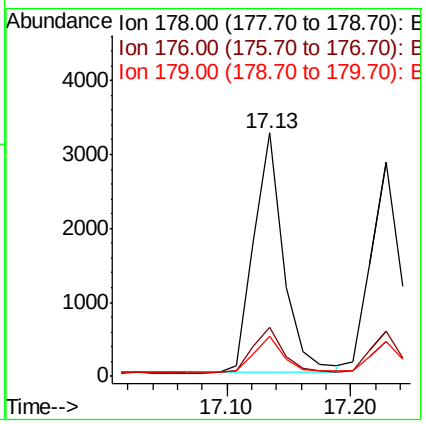


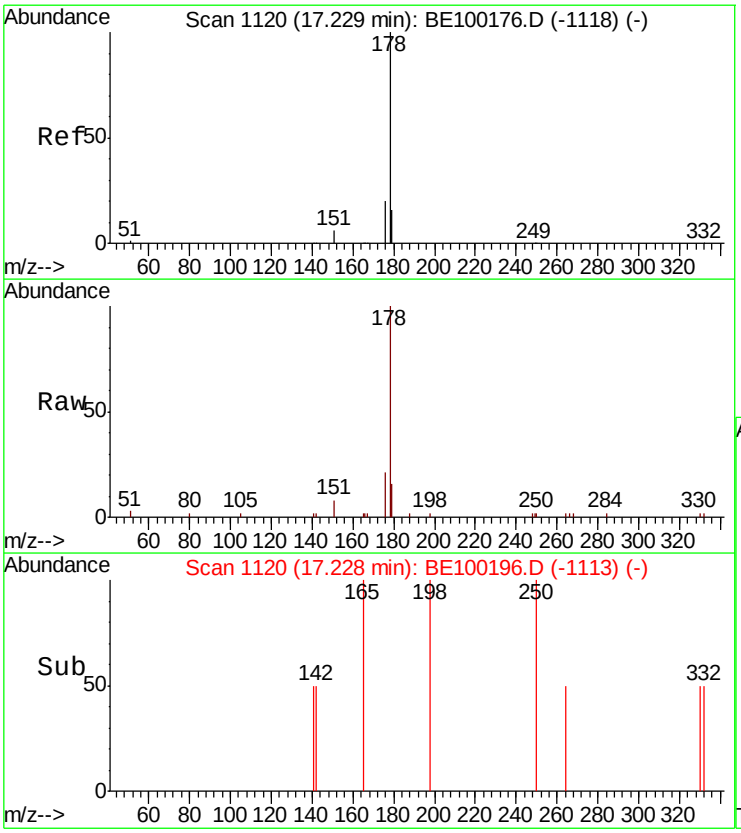

#23
Phenanthrene
Concen: 0.359 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

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

Tgt Ion:178 Resp: 5412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.7 | 15.5 | 23.3 |
| 179 | 15.4 | 12.2 | 18.2 |

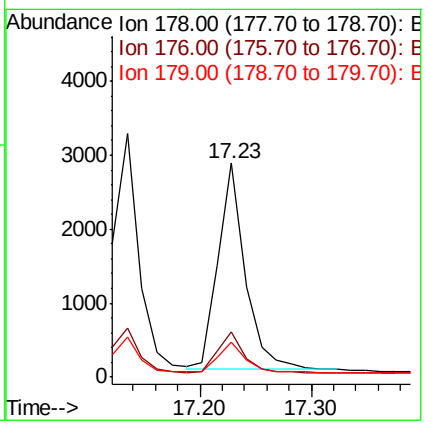


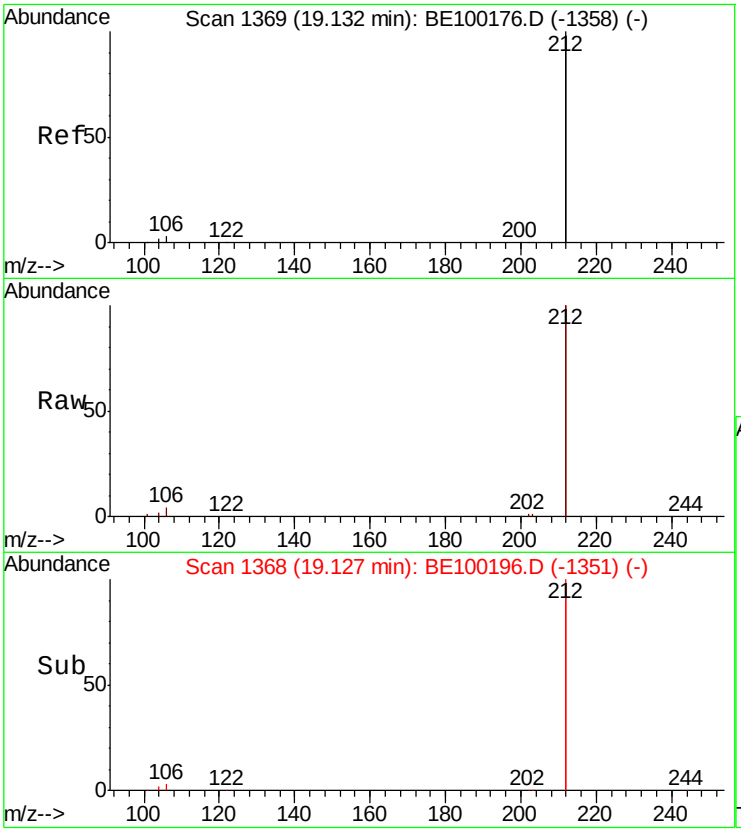




#24
Anthracene
Concen: 0.375 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

Tgt Ion:178 Resp: 4780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 15.7 | 23.5 |
| 179 | 15.1 | 12.9 | 19.3 |



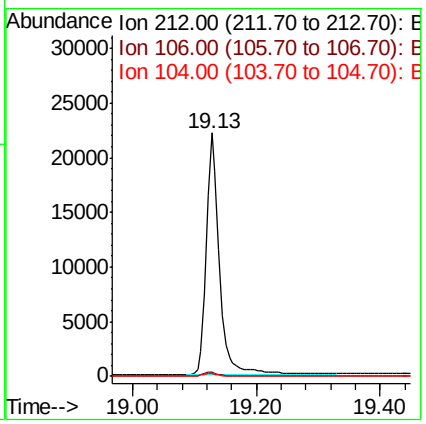


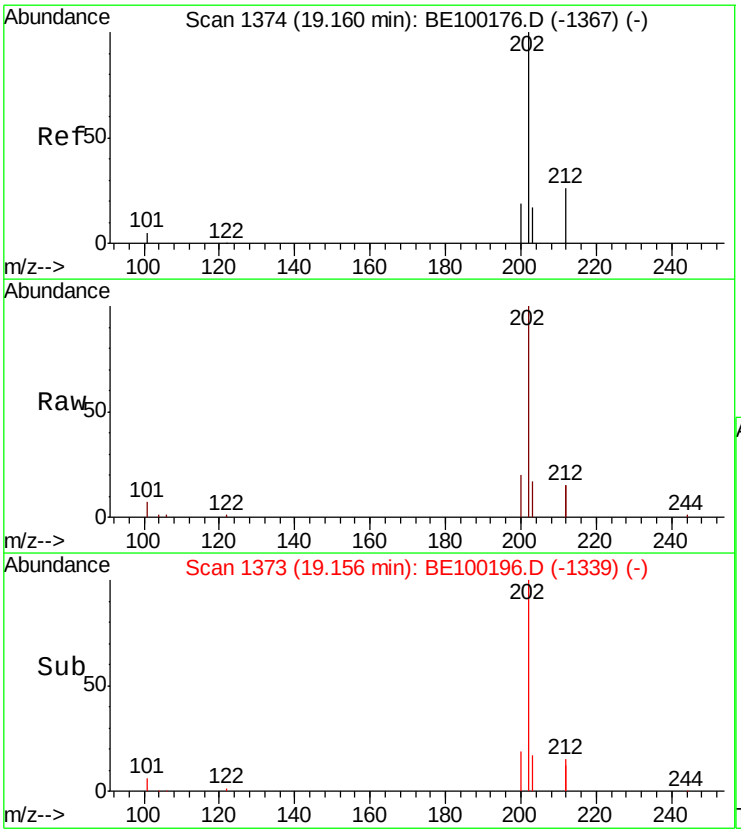

#25
Fluoranthene-d10
Concen: 0.356 ng
RT: 19.13 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

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

Tgt Ion:212 Resp: 32687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 1.6 | 1.3 | 1.9 |
| 104 | 1.0 | 0.7 | 1.1 |

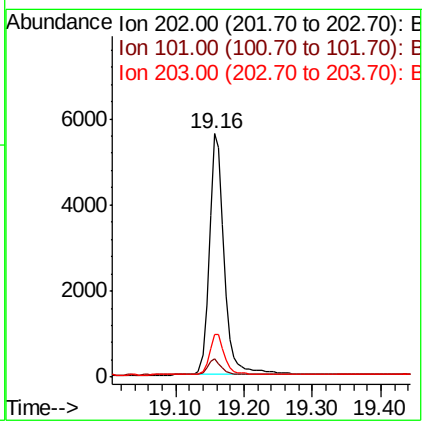


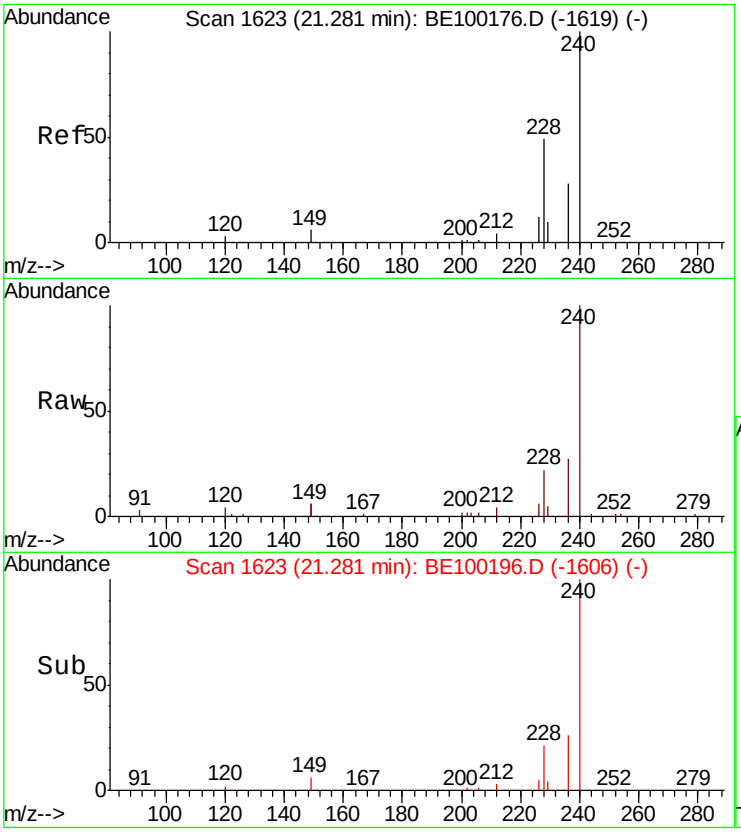




#26
Fluoranthene
Concen: 0.350 ng
RT: 19.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

Tgt Ion:202 Resp: 8592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.8 | 4.5 | 6.7# |
| 203 | 16.9 | 13.7 | 20.5 |



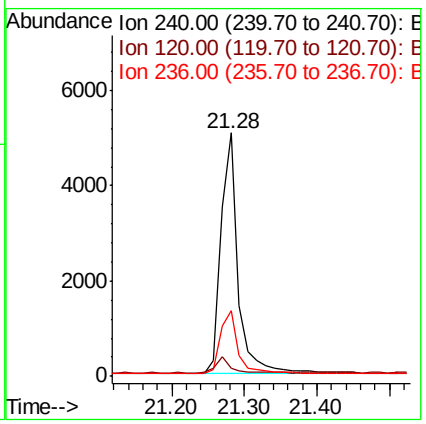


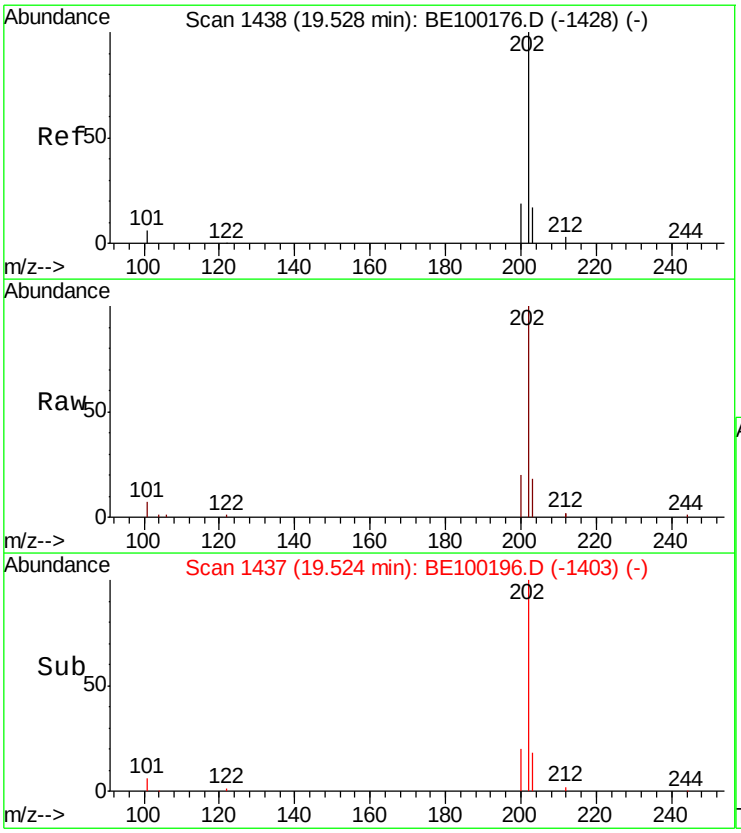

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

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

Tgt Ion:240 Resp: 8468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 3.5 | 4.1 | 6.1# |
| 236 | 27.2 | 23.0 | 34.6 |

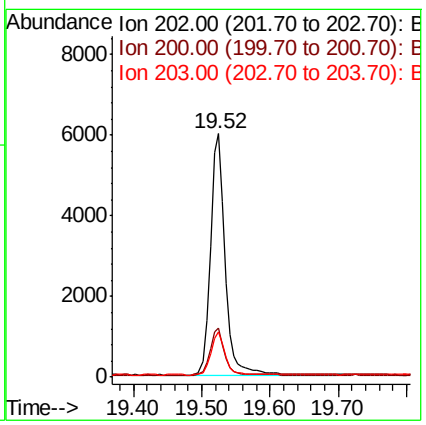


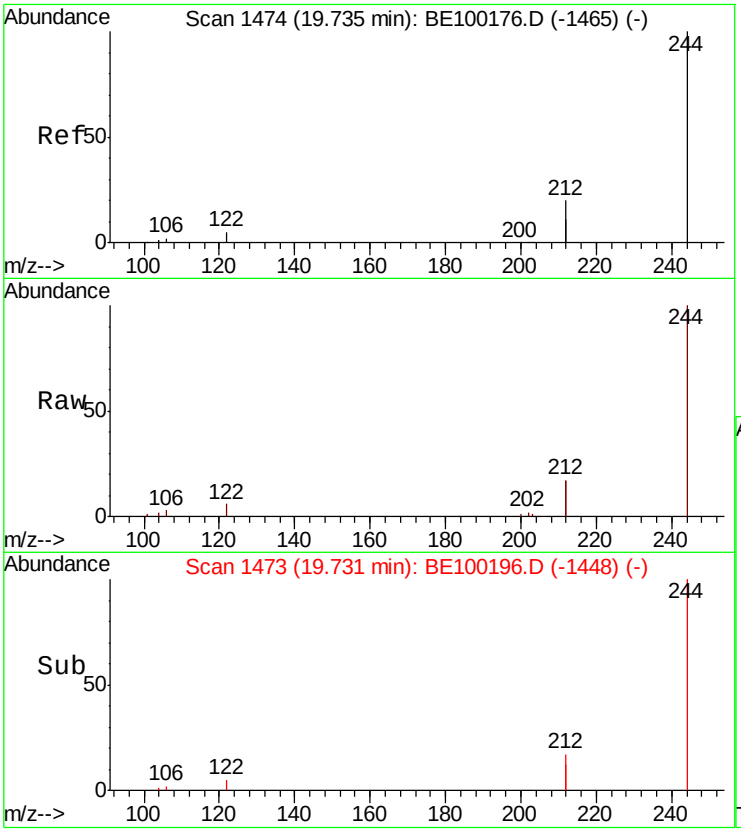




#28
Pyrene
Concen: 0.417 ng
RT: 19.52 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

Tgt Ion:202 Resp: 9040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 18.9 | 15.5 | 23.3 |
| 203 | 17.3 | 13.9 | 20.9 |



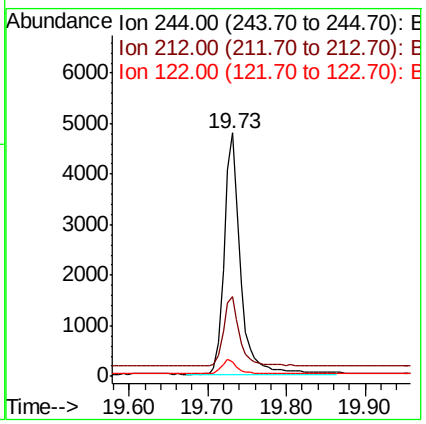


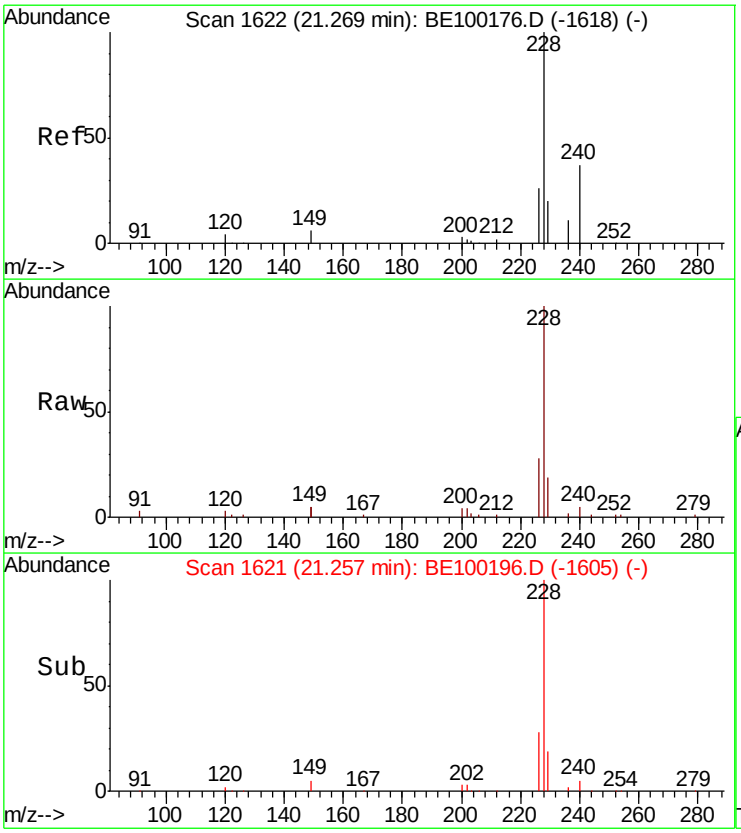

#29
Terphenyl-d14
Concen: 0.410 ng
RT: 19.73 min Scan# 1473
Delta R.T. -0.00 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

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

Tgt Ion:244 Resp: 6816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 33.0 | 30.7 | 46.1 |
| 122 | 5.7 | 5.8 | 8.6# |

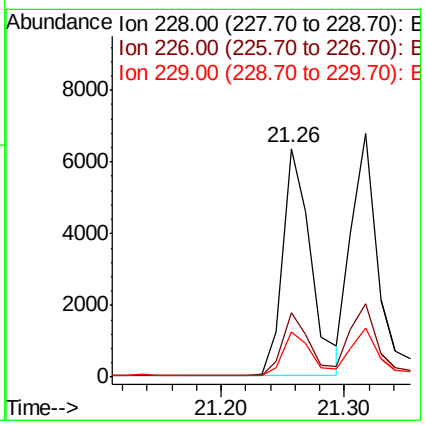


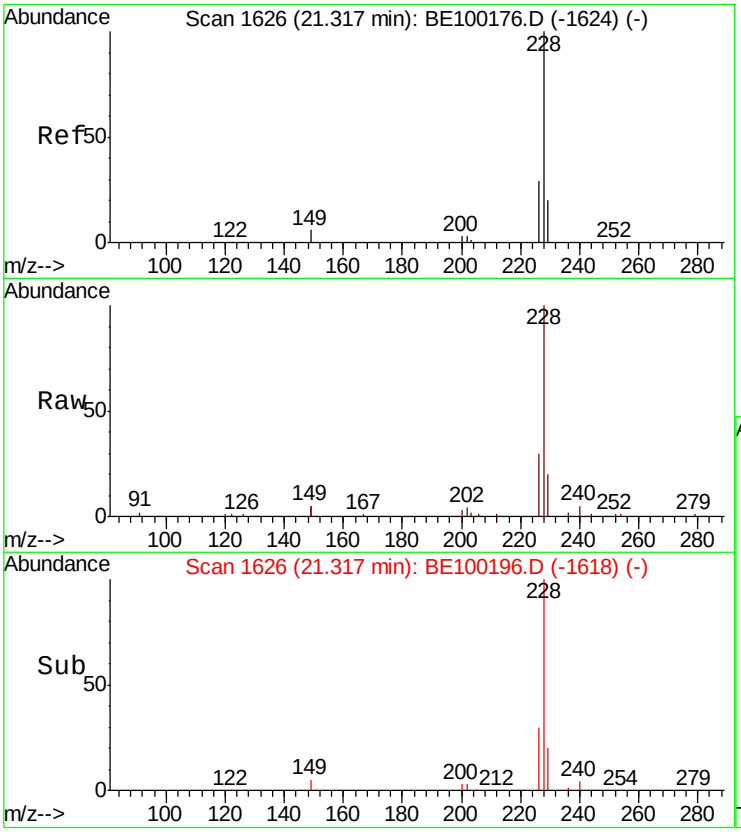




#30
Benzo(a)anthracene
Concen: 0.409 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

Tgt Ion:228 Resp: 10201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.3 | 21.5 | 32.3 |
| 229 | 19.5 | 17.2 | 25.8 |



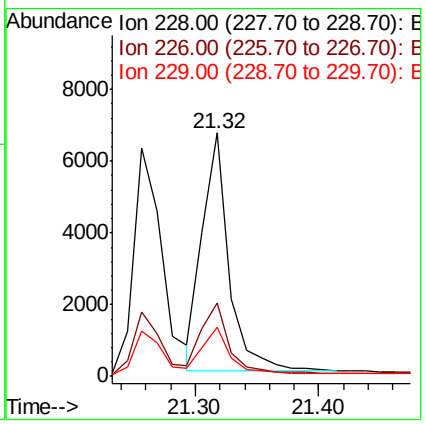


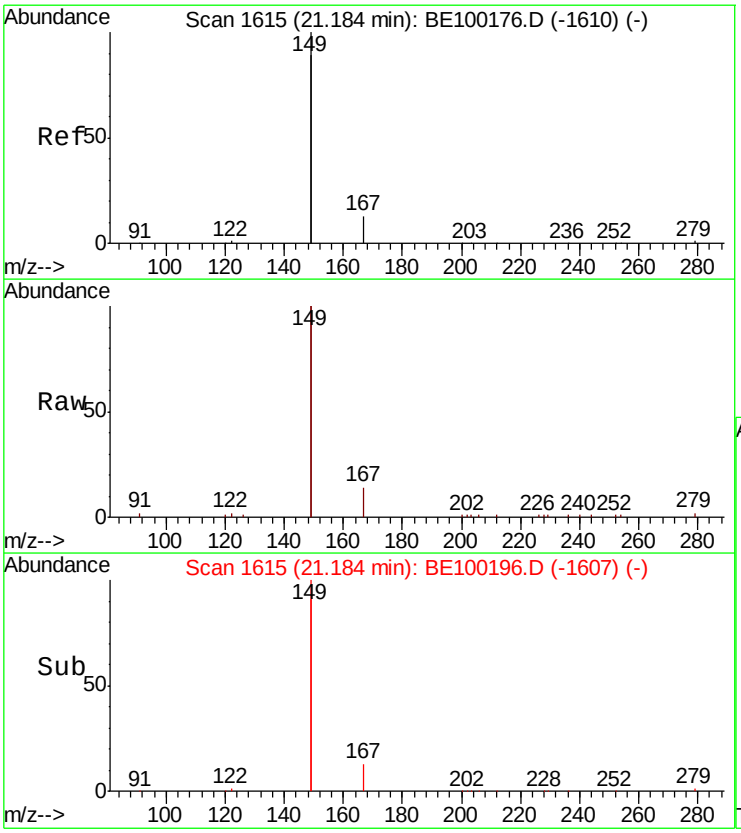

#31
Chrysene
Concen: 0.339 ng
RT: 21.32 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

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

Tgt Ion:228 Resp: 9933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.1 | 23.7 | 35.5 |
| 229 | 20.3 | 16.5 | 24.7 |

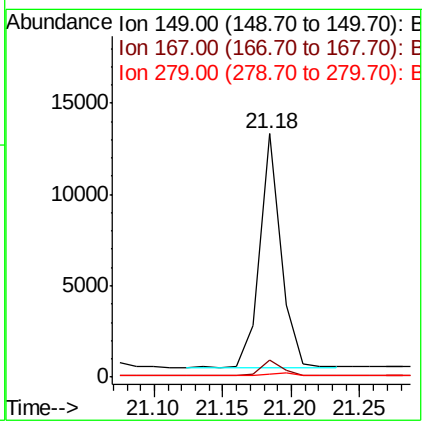


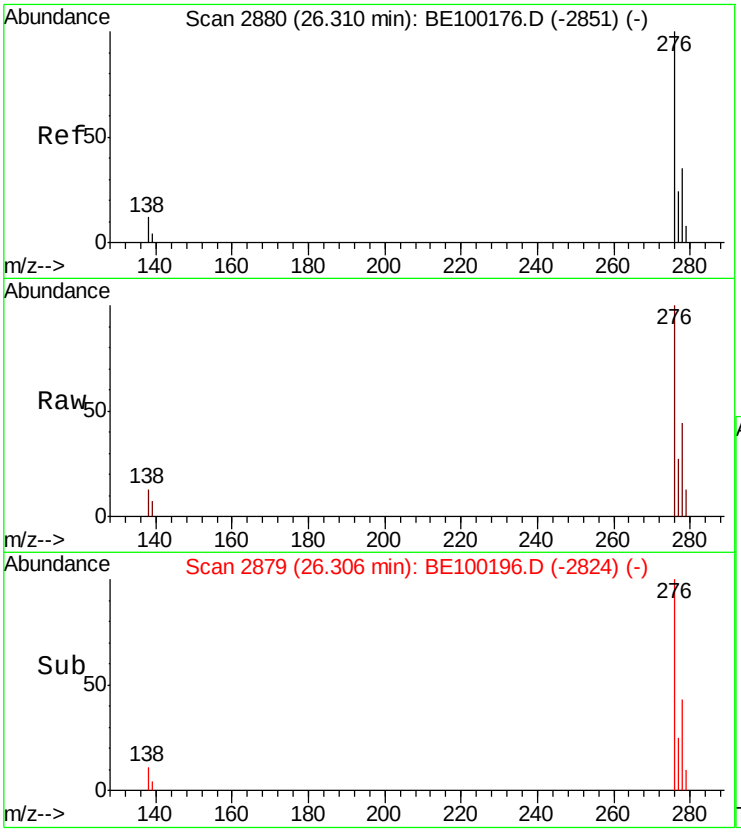




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.479 ng
RT: 21.18 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

Tgt Ion:149 Resp: 13743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 7.2 | 5.9 | 8.9 |
| 279 | 1.5 | 1.0 | 1.6 |



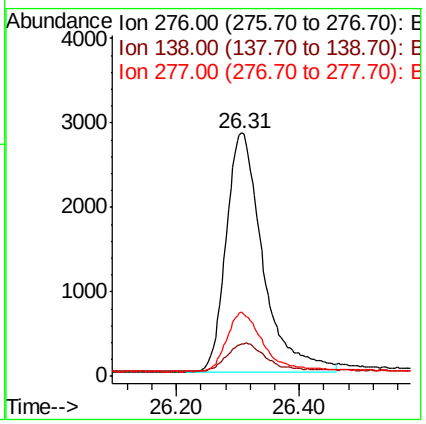


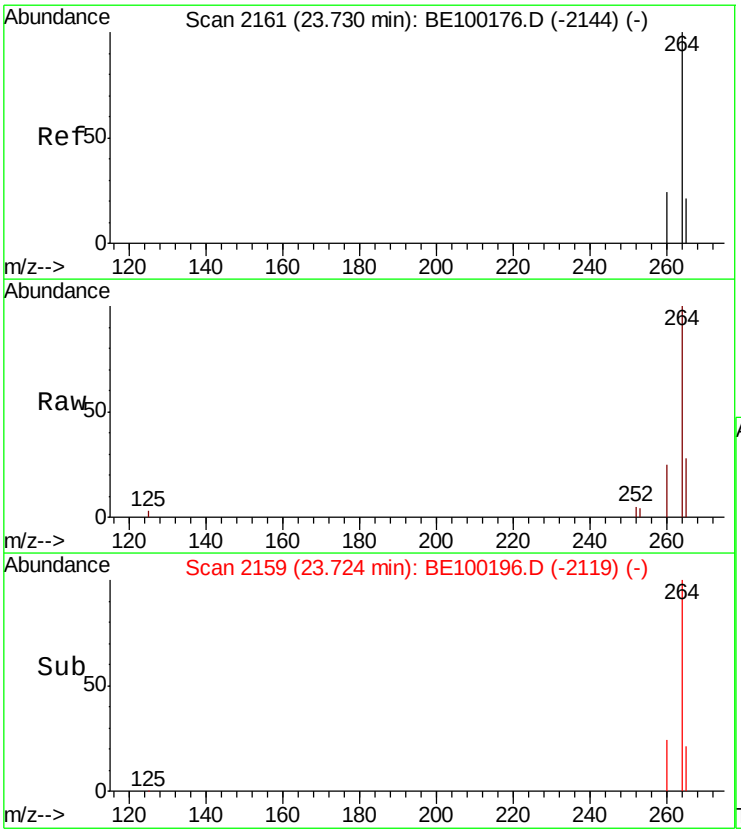

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.283 ng
RT: 26.31 min Scan# 2879
Delta R.T. -0.00 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

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

Tgt Ion:276 Resp: 11796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 12.3 | 3.7 | 5.5# |
| 277 | 24.3 | 18.7 | 28.1 |

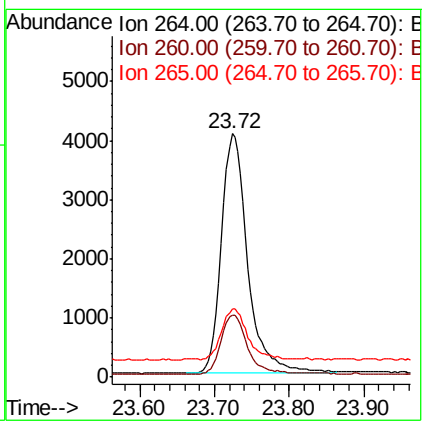


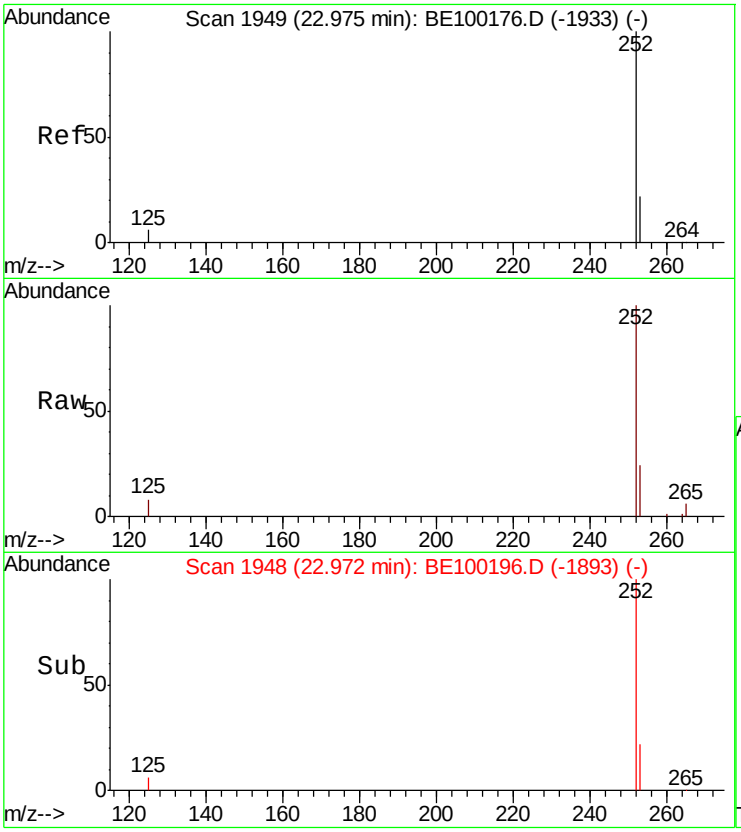




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.72 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

Tgt Ion:264 Resp: 9910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.3 | 20.4 | 30.6 |
| 265 | 28.0 | 22.5 | 33.7 |



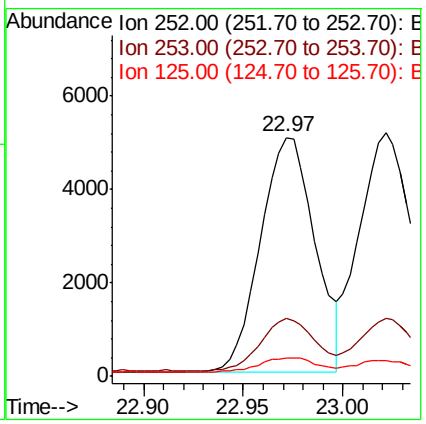


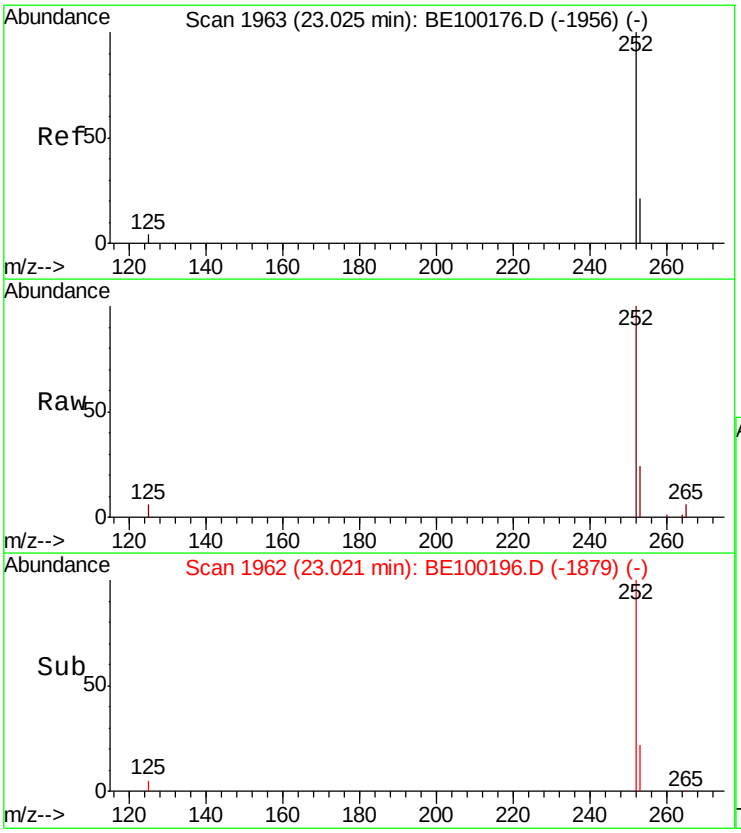

#35
Benzo(b)fluoranthene
Concen: 0.359 ng
RT: 22.97 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

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

Tgt Ion:252 Resp: 9567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.2 | 19.0 | 28.4 |
| 125 | 7.9 | 6.3 | 9.5 |

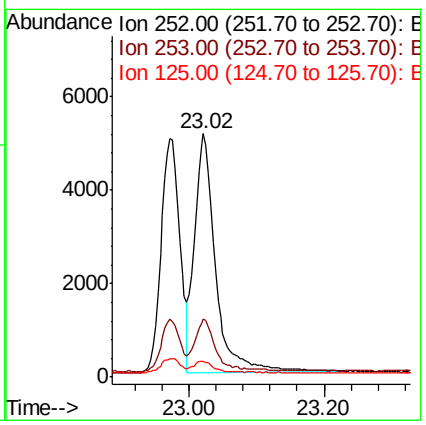


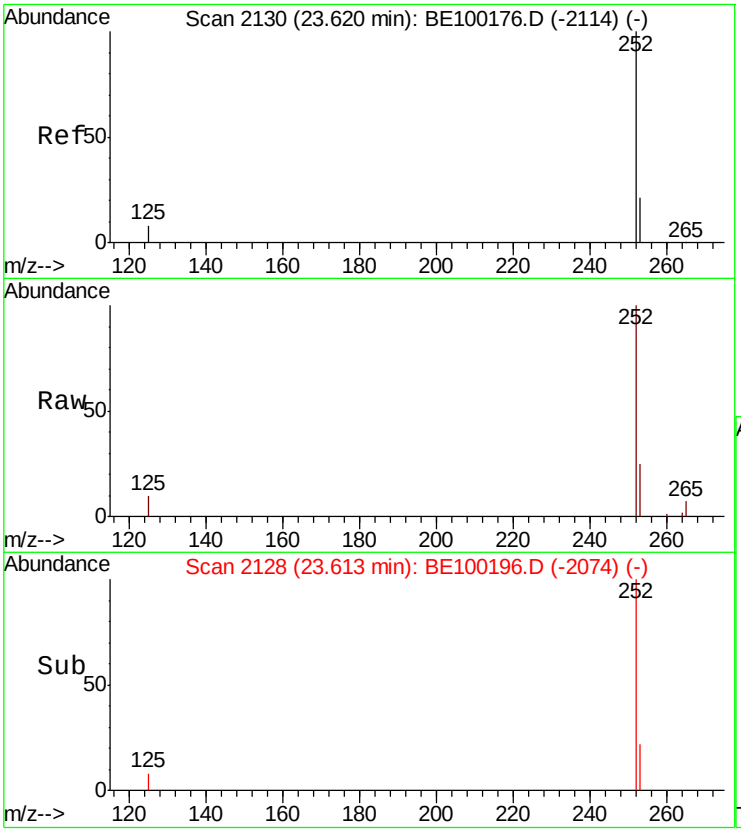




#36
Benzo(k)fluoranthene
Concen: 0.348 ng
RT: 23.02 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

Tgt Ion:252 Resp: 11086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.9 | 18.4 | 27.6 |
| 125 | 6.5 | 5.0 | 7.4 |



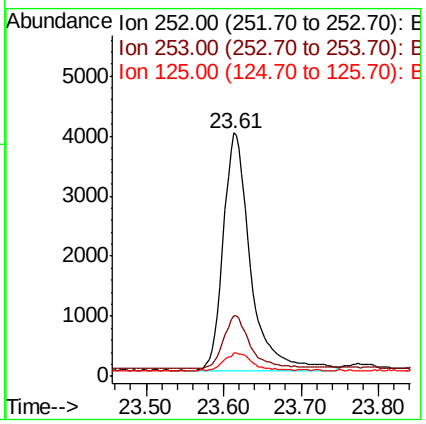


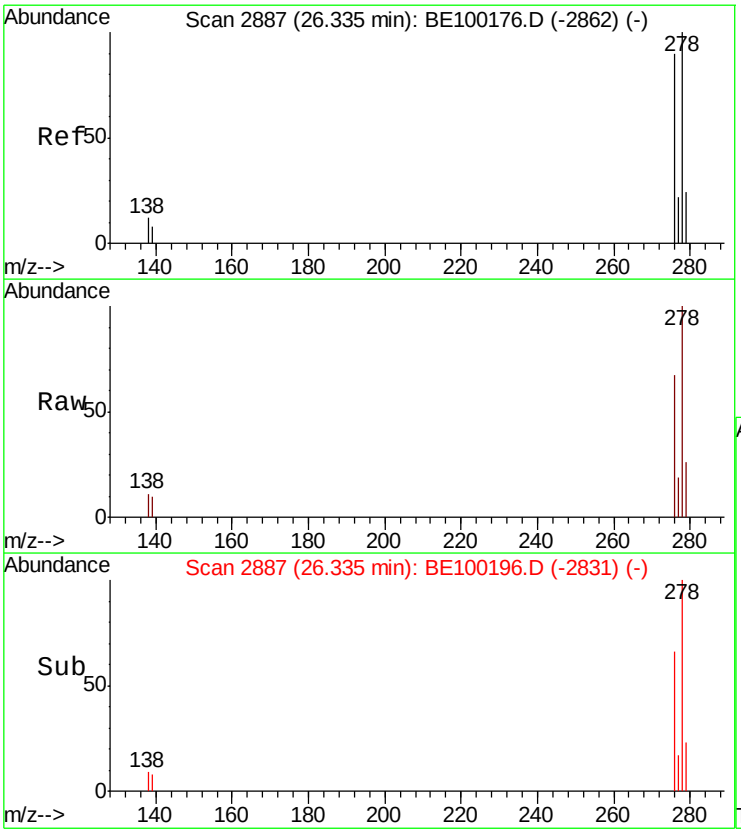

#37
Benzo(a)pyrene
Concen: 0.351 ng
RT: 23.61 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

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

Tgt Ion:252 Resp: 9685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.9 | 19.2 | 28.8 |
| 125 | 9.7 | 8.2 | 12.2 |

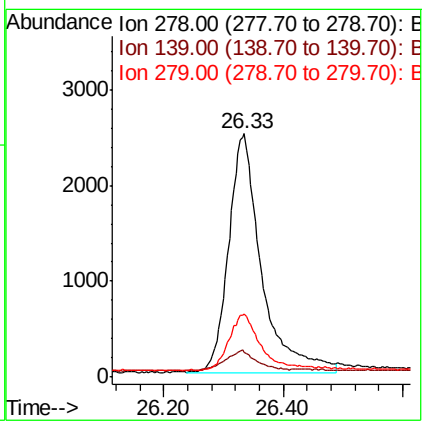


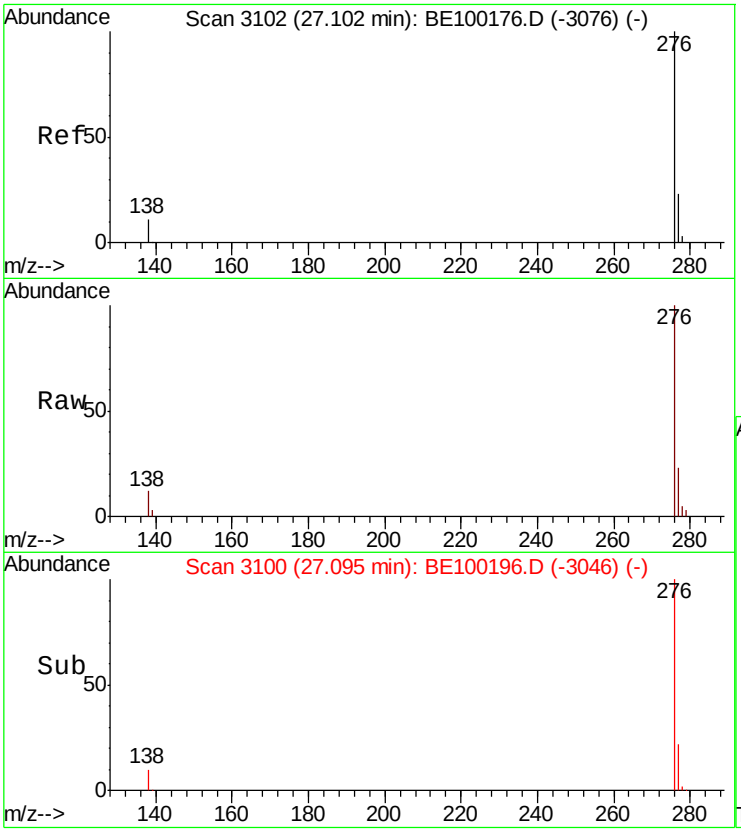




#38
Dibenzo(a,h)anthracene
Concen: 0.321 ng
RT: 26.33 min Scan# 2887
Delta R.T. -0.00 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

Tgt Ion:278 Resp: 9481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 10.3 | 9.0 | 13.4 |
| 279 | 25.7 | 21.1 | 31.7 |






#39
Benzo(g,h,i)perylene
Concen: 0.323 ng
RT: 27.09 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BE100196.D
Acq: 26 Jun 2019 17:31

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

Tgt Ion:276 Resp: 9974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.5 | 19.8 | 29.6 |
| 138 | 12.5 | 10.2 | 15.4 |