Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092519\
Data File : BE100550.D
Acq On : 25 Sep 2019 9:40
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Sep 25 11:51:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 18:26:17 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.86 | 152 | 6660 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.64 | 136 | 31019 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.49 | 164 | 17130 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.20 | 188 | 37399 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.37 | 240 | 38994 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.83 | 264 | 45247 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.43 | 112 | 6649 | 0.43 | ng | | 0.00 |
| 5) Phenol-d6 | 7.02 | 99 | 8965 | 0.42 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.00 | 82 | 7101 | 0.40 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.24 | 152 | 17897 | 0.39 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.96 | 330 | 1157 | 0.42 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.12 | 172 | 24420 | 0.40 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.22 | 212 | 164210 | 0.37 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.82 | 244 | 38062 | 0.41 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.34 | 88 | 3597 | 0.374 | ng | | 93 |
| 3) n-Nitrosodimethylamine | 3.66 | 42 | 2331 | 0.414 | ng | # | 92 |
| 6) bis(2-Chloroethyl)ether | 7.28 | 93 | 8460 | 0.392 | ng | | 90 |
| 9) Naphthalene | 10.69 | 128 | 125351 | 0.390 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.99 | 225 | 4004 | 0.389 | ng | | 98 |
| 12) 2-Methylnaphthalene | 12.31 | 142 | 19485 | 0.381 | ng | | 98 |
| 16) Acenaphthylene | 14.20 | 152 | 26302 | 0.373 | ng | | 100 |
| 17) Acenaphthene | 14.54 | 154 | 18386 | 0.386 | ng | | 99 |
| 18) Fluorene | 15.51 | 166 | 22751 | 0.382 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 16.40 | 248 | 6617 | 0.377 | ng | | 95 |
| 21) Hexachlorobenzene | 16.52 | 284 | 5763 | 0.376 | ng | | 100 |
| 22) Pentachlorophenol | 16.87 | 266 | 1077 | 0.469 | ng | | 95 |
| 23) Phenanthrene | 17.24 | 178 | 39784 | 0.382 | ng | | 99 |
| 24) Anthracene | 17.33 | 178 | 32488 | 0.370 | ng | | 99 |
| 26) Fluoranthene | 19.25 | 202 | 46458 | 0.370 | ng | | 100 |
| 28) Pyrene | 19.61 | 202 | 46474 | 0.414 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.34 | 228 | 43676 | 0.419 | ng | | 99 |
| 31) Chrysene | 21.40 | 228 | 45955 | 0.387 | ng | | 100 |
| 32) Bis(2-ethylhexyl)phthalate | 21.28 | 149 | 52081 | 0.464 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.44 | 276 | 52572 | 0.398 | ng | | 100 |
| 35) Benzo(b)fluoranthene | 23.08 | 252 | 45279 | 0.370 | ng | | 100 |
| 36) Benzo(k)fluoranthene | 23.13 | 252 | 52890 | 0.373 | ng | | 99 |
| 37) Benzo(a)pyrene | 23.72 | 252 | 42089 | 0.368 | ng | | 100 |
| 38) Dibenzo(a,h)anthracene | 26.47 | 278 | 43296 | 0.364 | ng | | 99 |
| 39) Benzo(g,h,i)perylene | 27.24 | 276 | 46383 | 0.373 | ng | | 99 |

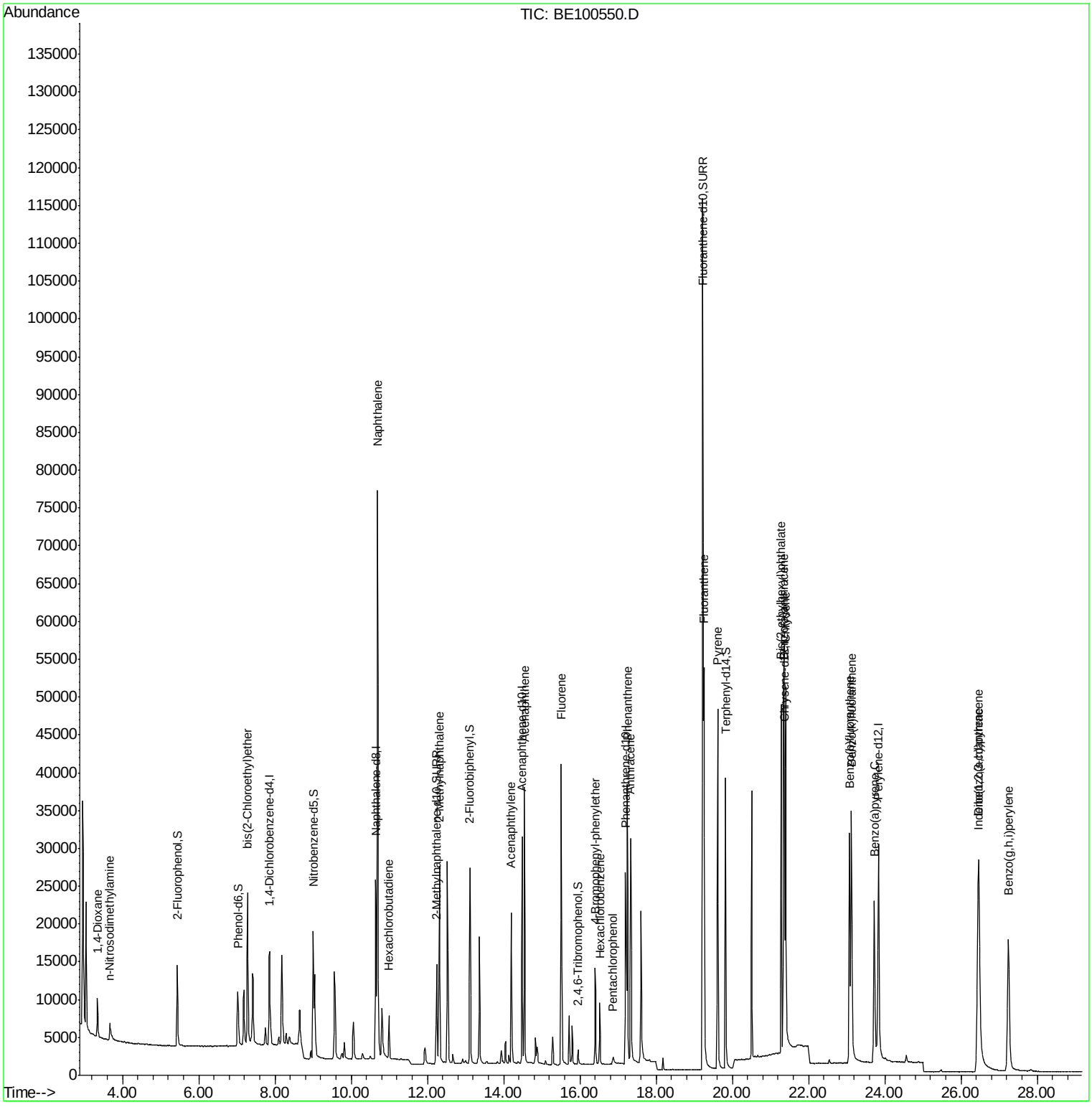
(#) = qualifier out of range (m) = manual integration (+) = signals summed

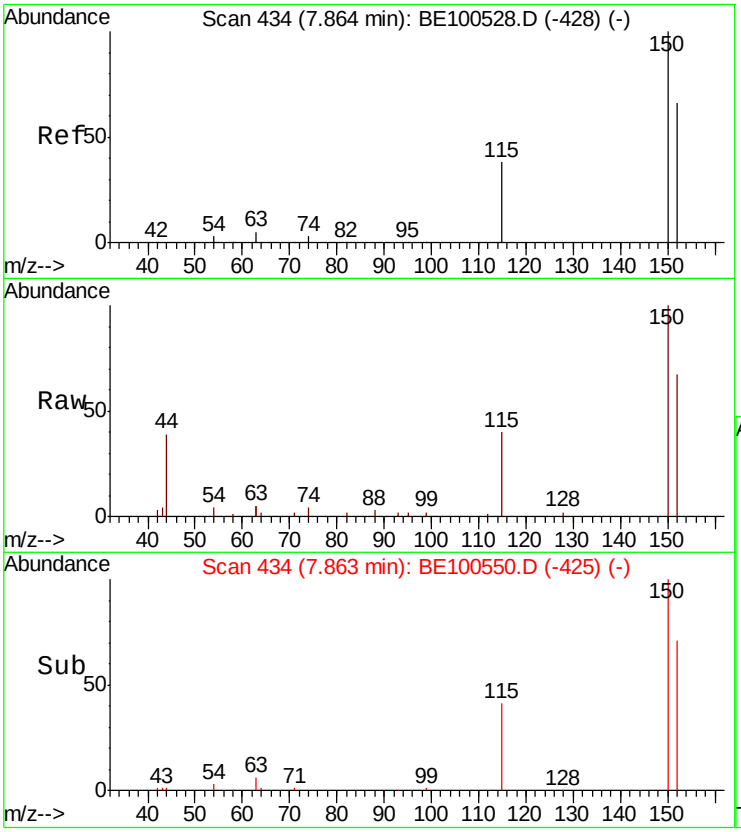
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092519\
Data File : BE100550.D
Acq On : 25 Sep 2019 9:40
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Sep 25 11:51:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 18:26:17 2019
Response via : Initial Calibration



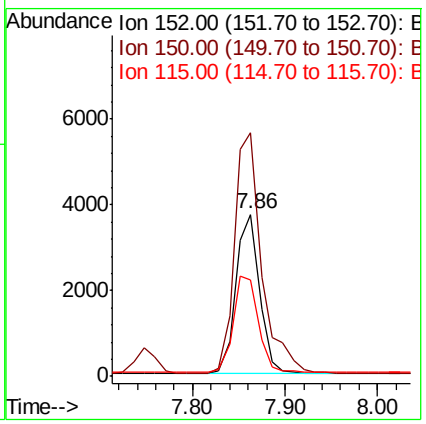


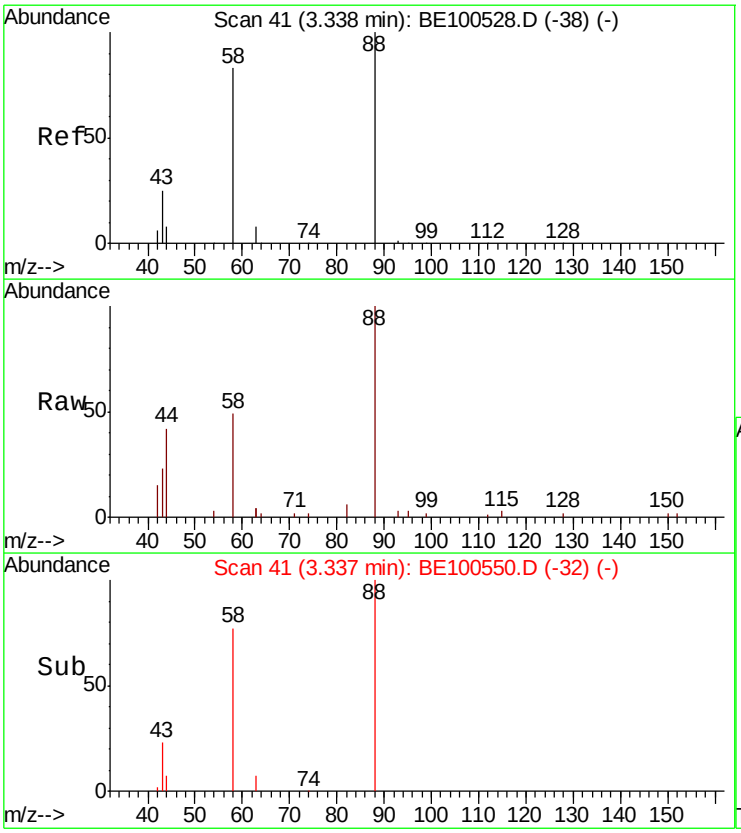

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

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

Tgt Ion:152 Resp: 6660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 150.0 | 121.6 | 182.4 |
| 115 | 59.4 | 48.2 | 72.4 |

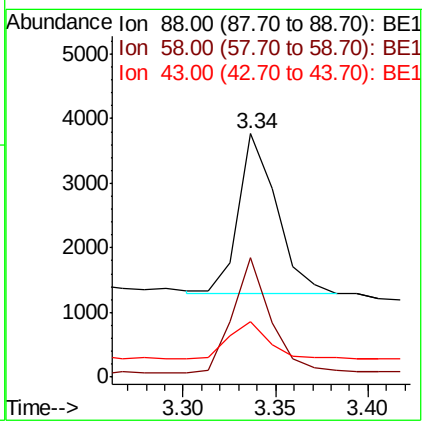


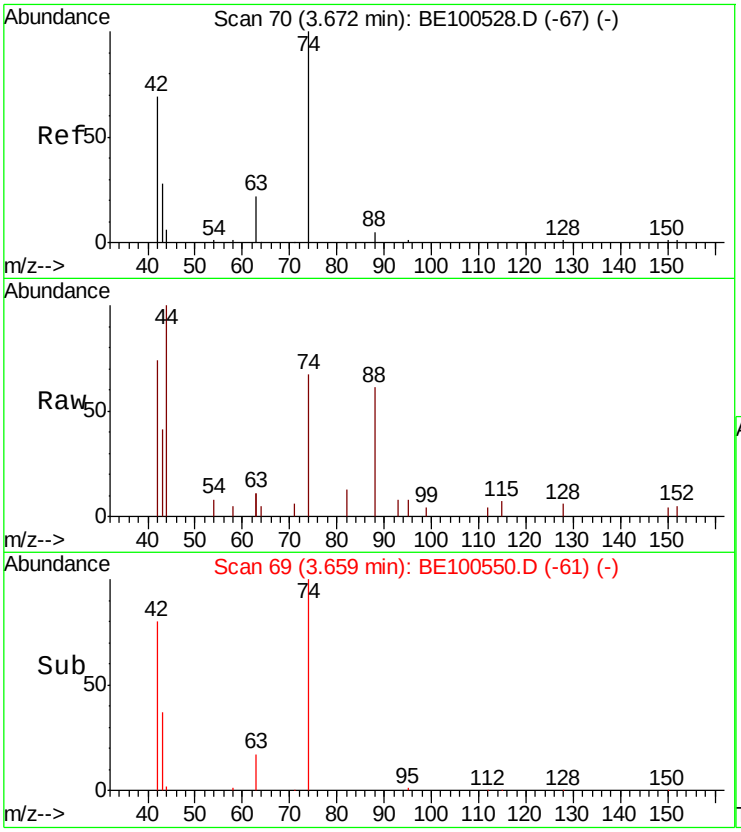




#2
1,4-Dioxane
Concen: 0.374 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

Tgt Ion: 88 Resp: 3597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 72.0 | 53.3 | 79.9 |
| 43 | 24.5 | 16.9 | 25.3 |

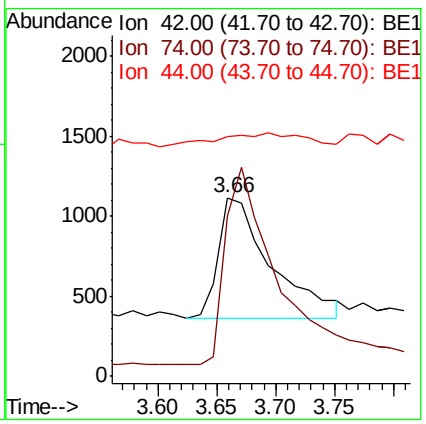




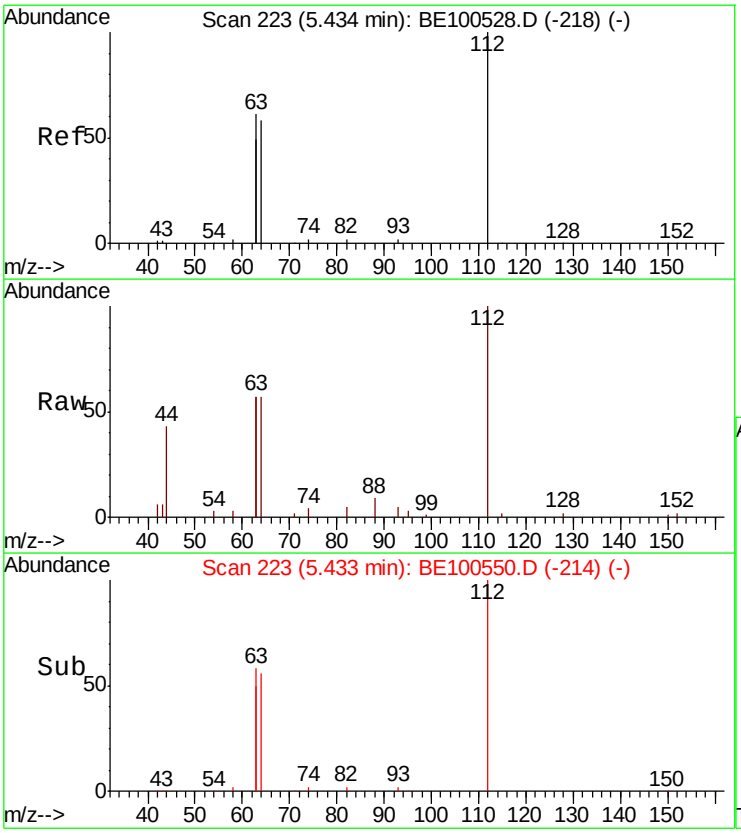

#3
n-Nitrosodimethylamine
Concen: 0.414 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.01 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

Tgt Ion: 42 Resp: 2331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 157.2 | 133.8 | 200.6 |
| 44 | 0.0 | 6.4 | 9.6# |



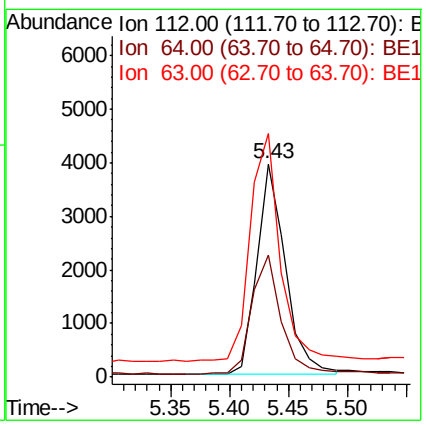

**Instrument :**
BNA_E
**ClientSampleId :**

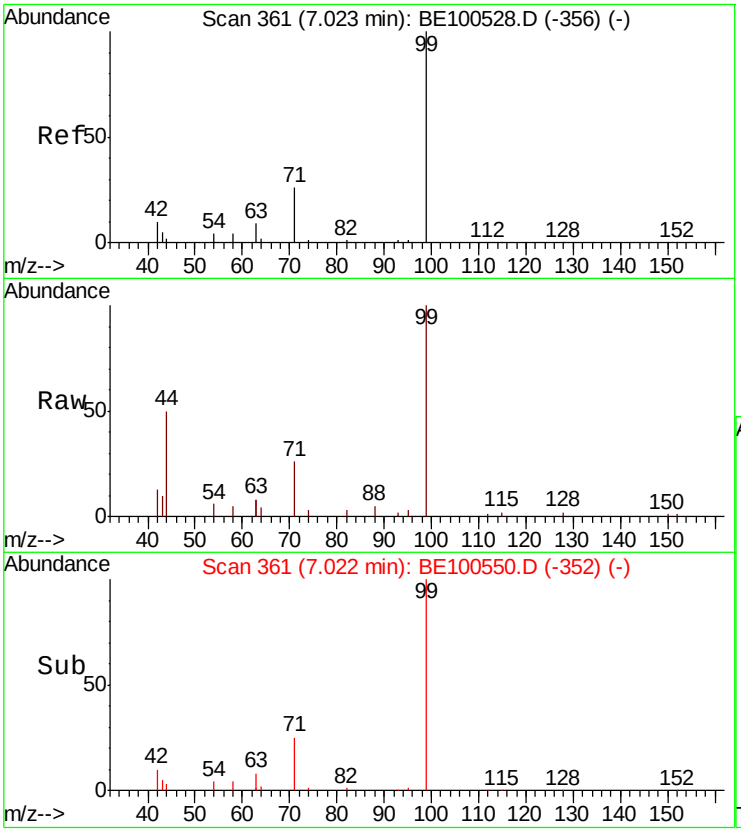



#4
2-Fluorophenol
Concen: 0.426 ng
RT: 5.43 min Scan# 223
Delta R.T. -0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

Tgt Ion:112 Resp: 6649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.4 | 44.1 | 66.1 |
| 63 | 112.3 | 86.5 | 129.7 |



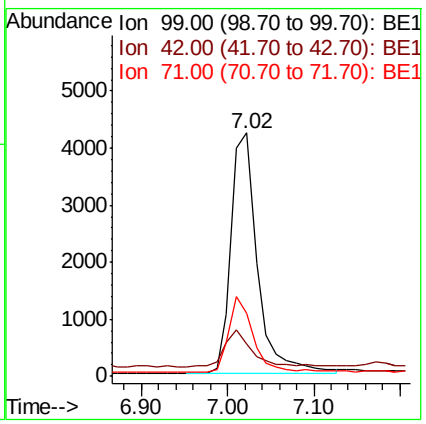


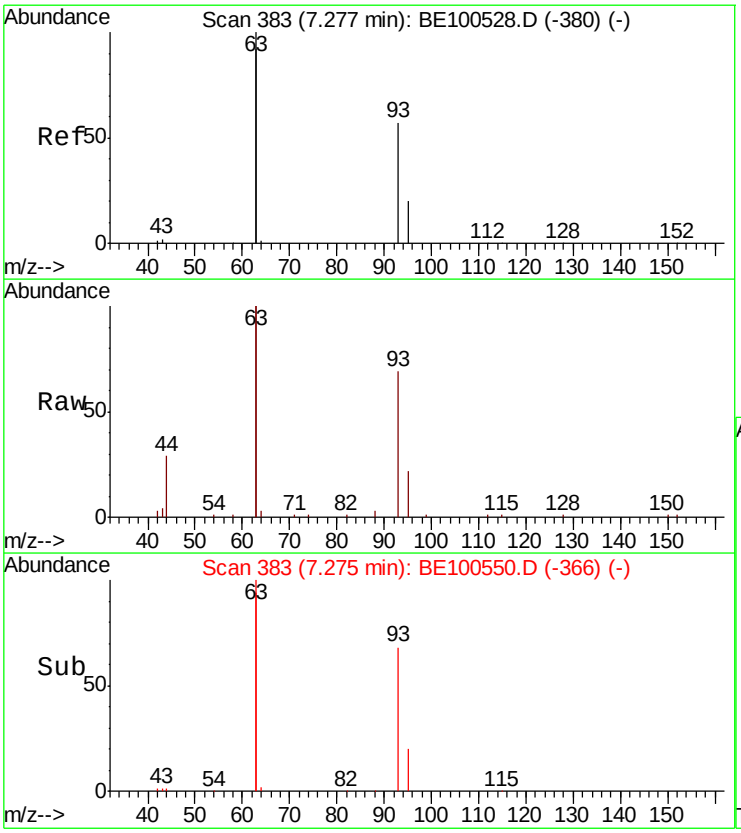

#5
Phenol-d6
Concen: 0.420 ng
RT: 7.02 min Scan# 361
Delta R.T. -0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

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

Tgt Ion: 99 Resp: 8965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.6 | 13.0 | 19.6 |
| 71 | 30.0 | 23.4 | 35.0 |

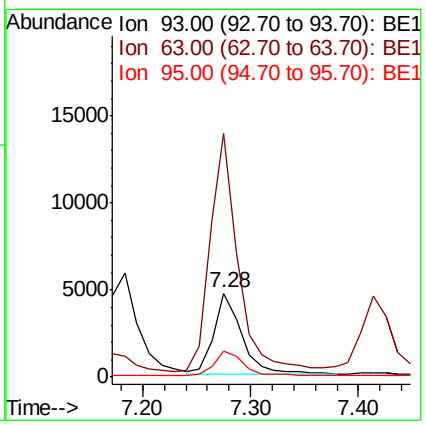


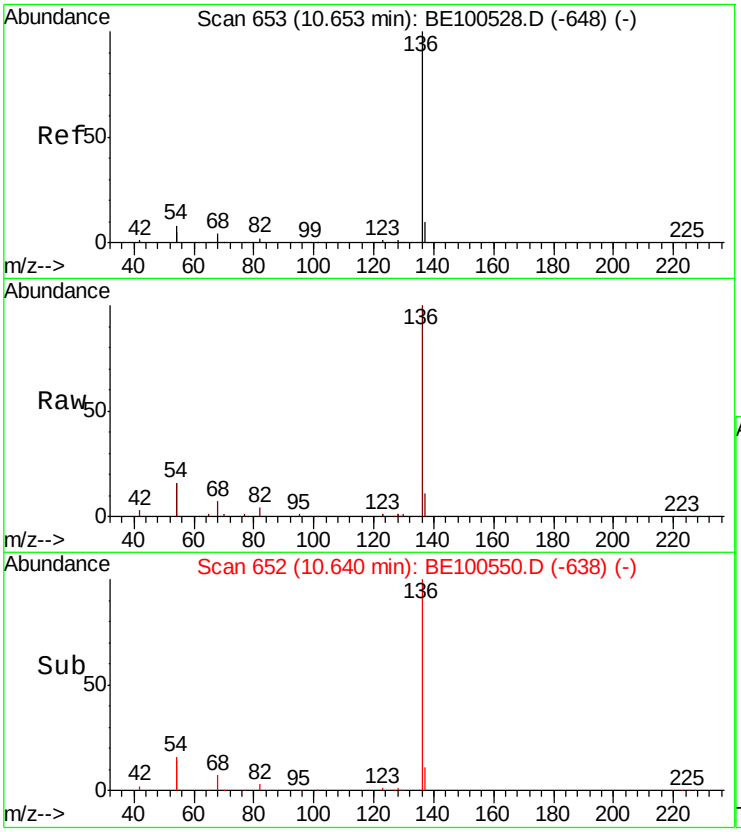




#6
bis(2-Chloroethyl)ether
Concen: 0.392 ng
RT: 7.28 min Scan# 383
Delta R.T. -0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

Tgt Ion: 93 Resp: 8460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 286.0 | 213.4 | 320.0 |
| 95 | 32.4 | 23.7 | 35.5 |



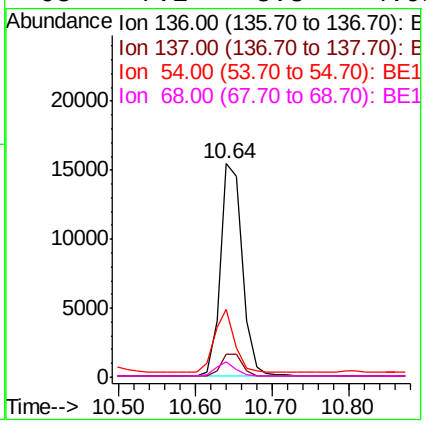


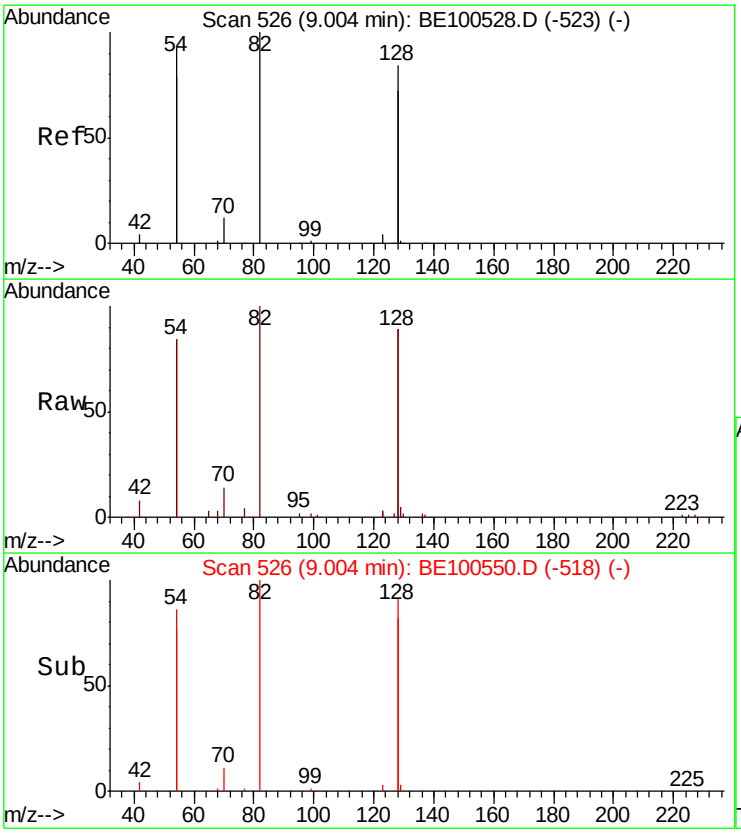

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.01 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

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

Tgt Ion:136 Resp: 31019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.6 | 13.0 |
| 54 | 31.8 | 12.4 | 18.6# |
| 68 | 7.2 | 3.3 | 4.9# |

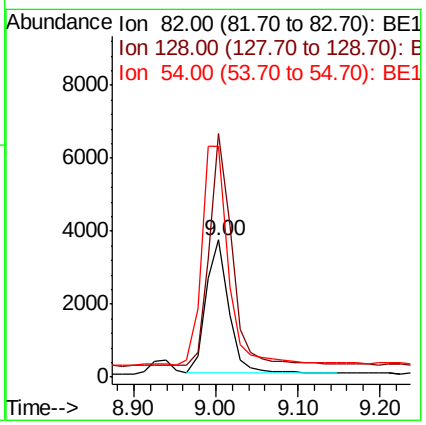


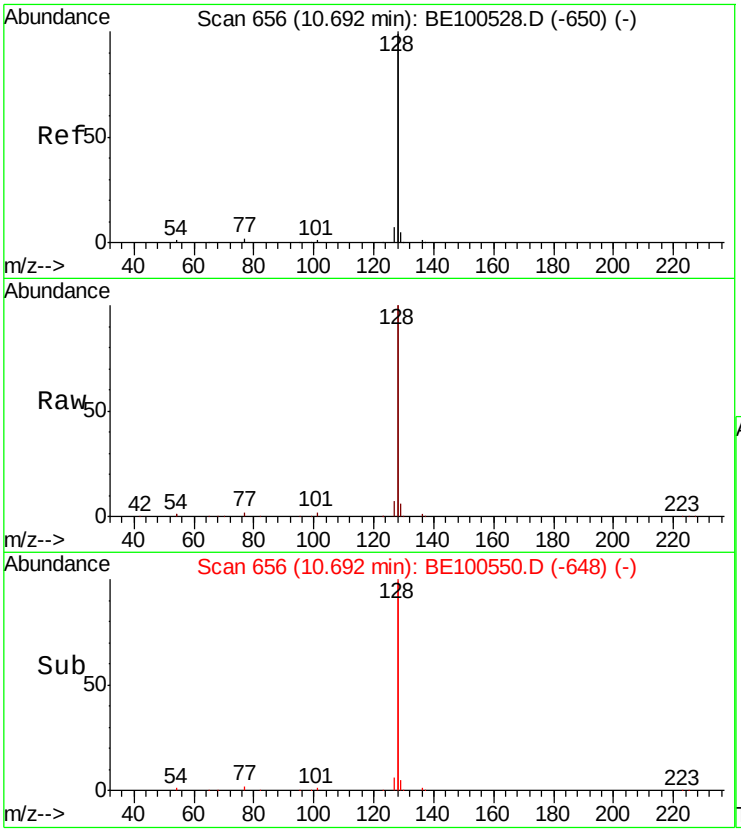




#8
Nitrobenzene-d5
Concen: 0.397 ng
RT: 9.00 min Scan# 526
Delta R.T. -0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

Tgt Ion: 82 Resp: 7101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 177.5 | 129.4 | 194.2 |
| 54 | 168.3 | 143.3 | 214.9 |



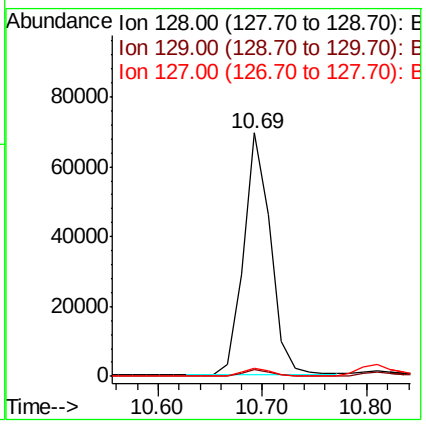


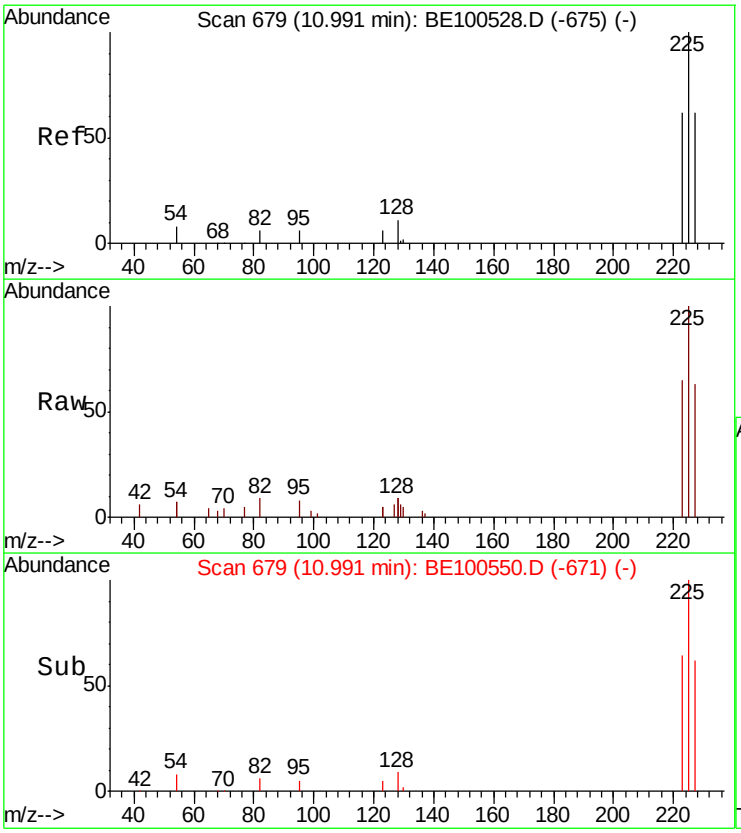

#9
Naphthalene
Concen: 0.390 ng
RT: 10.69 min Scan# 656
Delta R.T. -0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

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

Tgt Ion:128 Resp: 125351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 2.8 | 2.2 | 3.4 |
| 127 | 3.3 | 2.7 | 4.1 |

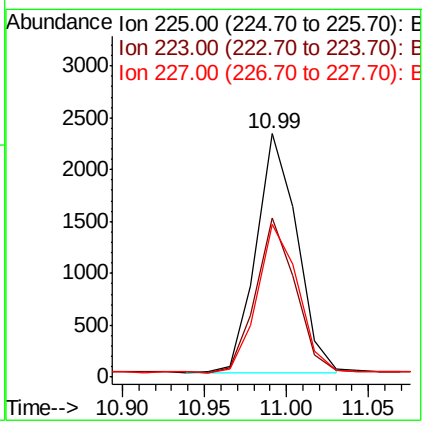


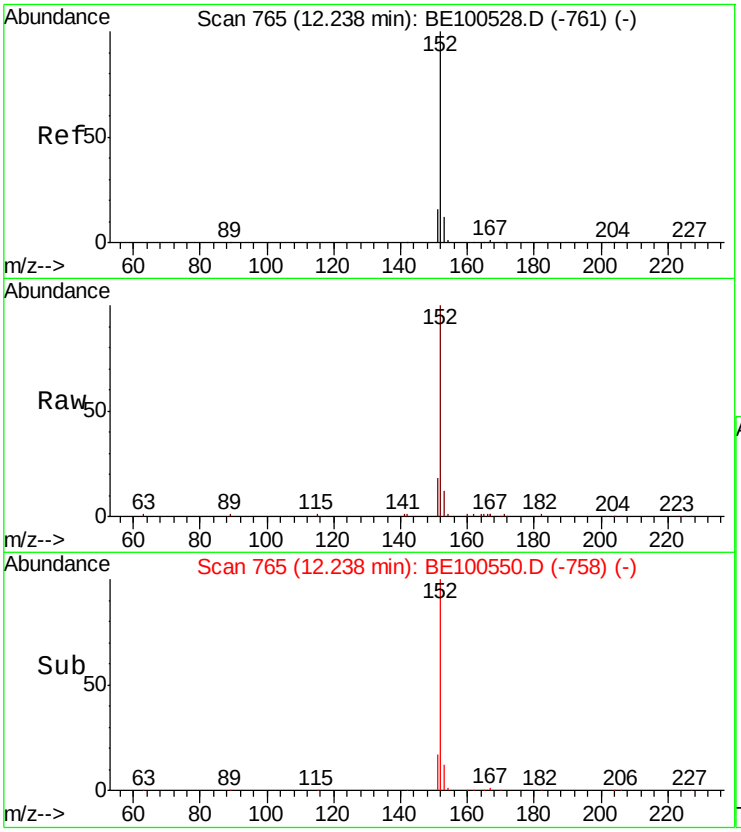




#10
Hexachlorobutadiene
Concen: 0.389 ng
RT: 10.99 min Scan# 679
Delta R.T. -0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

Tgt Ion:225 Resp: 4004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.9 | 49.7 | 74.5 |
| 227 | 61.7 | 51.4 | 77.2 |



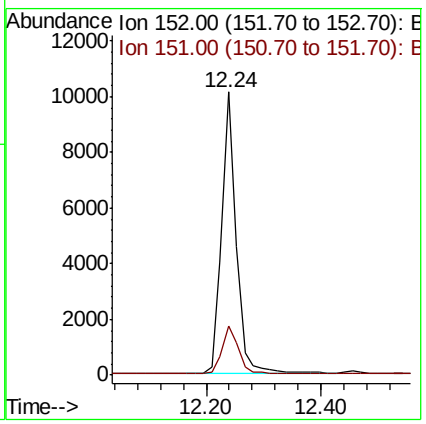


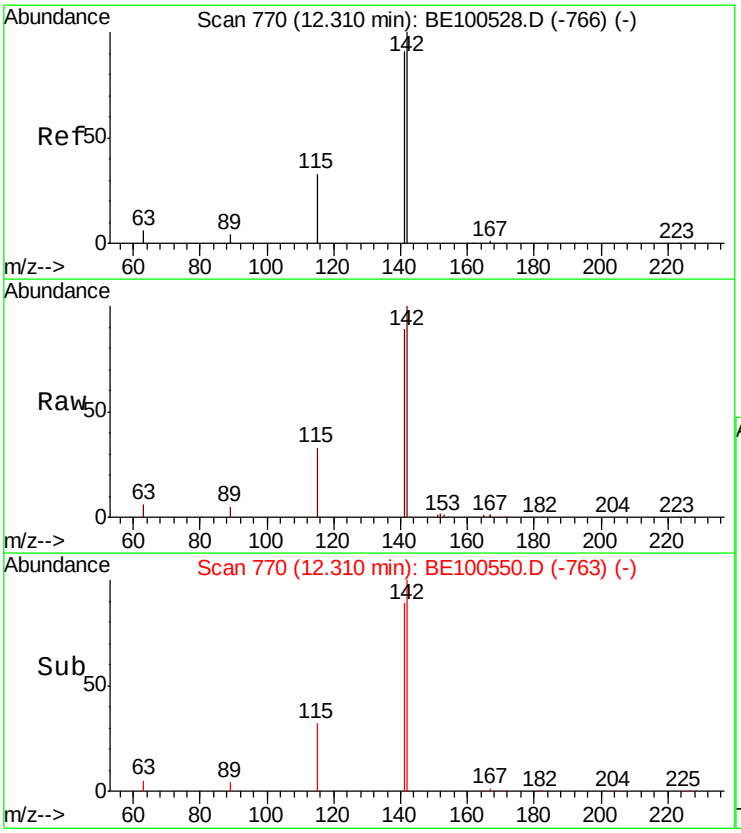

#11
2-Methylnaphthalene-d10
Concen: 0.386 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

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

Tgt Ion:152 Resp: 17897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.0 | 15.3 | 22.9 |

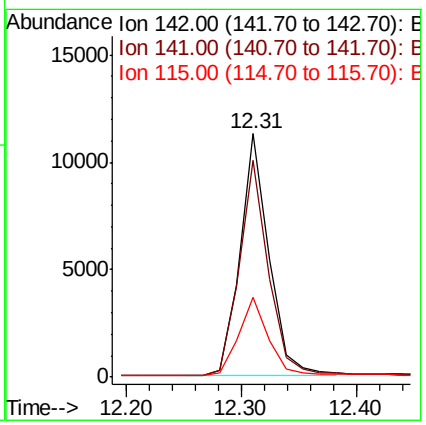


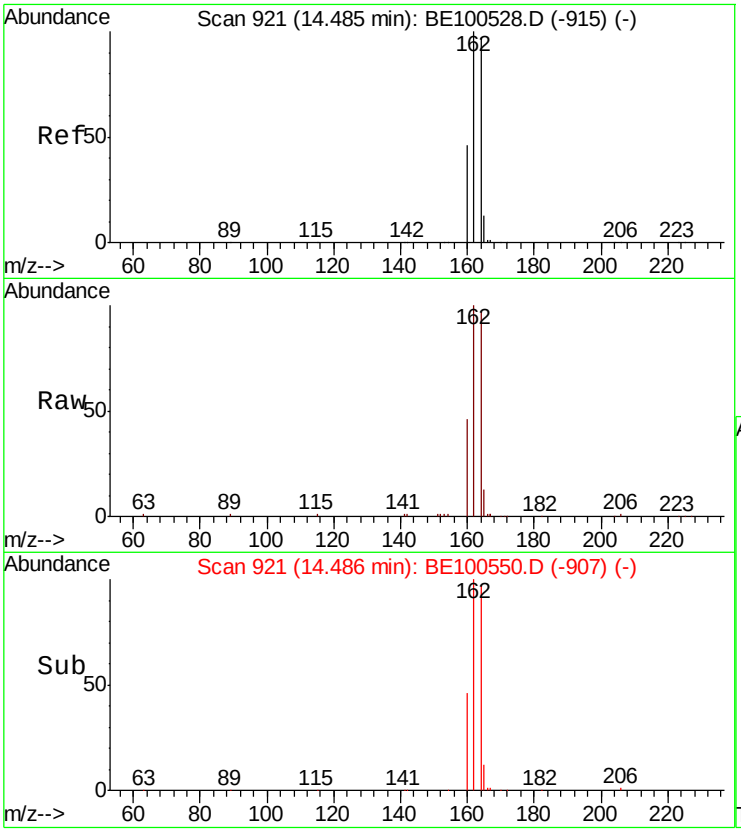




#12
2-Methylnaphthalene
Concen: 0.381 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

Tgt Ion:142 Resp: 19485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.1 | 72.5 | 108.7 |
| 115 | 32.6 | 27.2 | 40.8 |



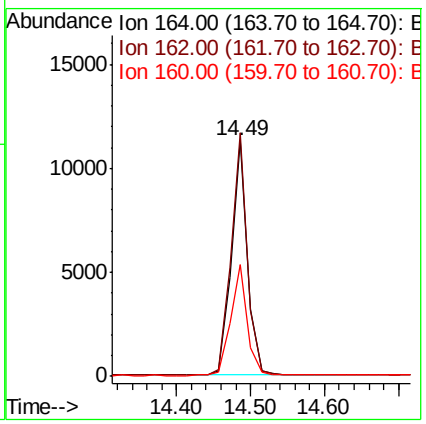


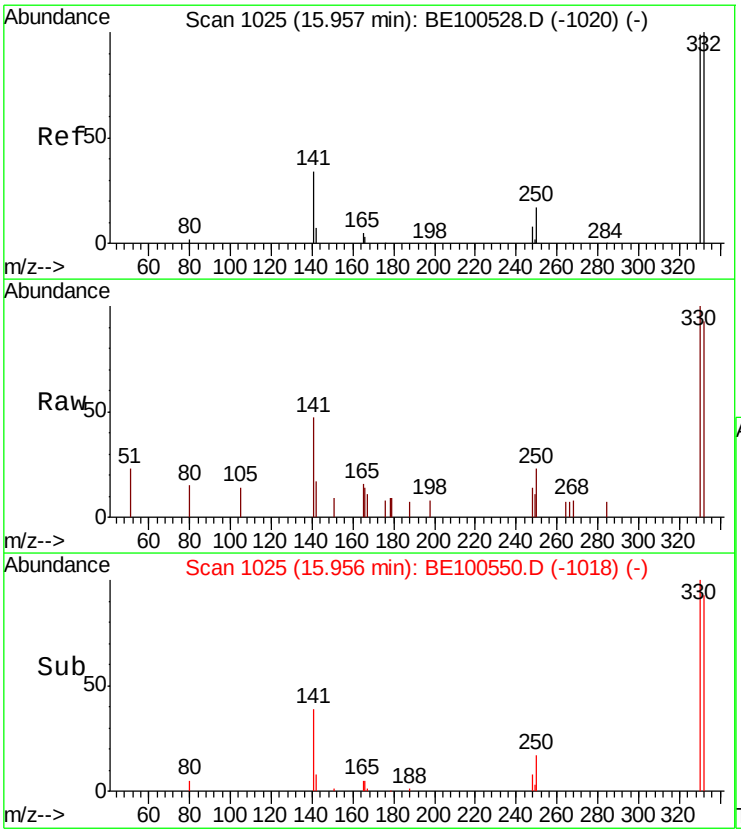

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

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

Tgt Ion:164 Resp: 17130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.3 | 82.1 | 123.1 |
| 160 | 47.4 | 37.6 | 56.4 |

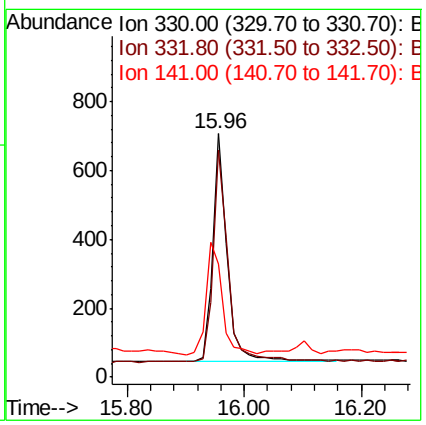


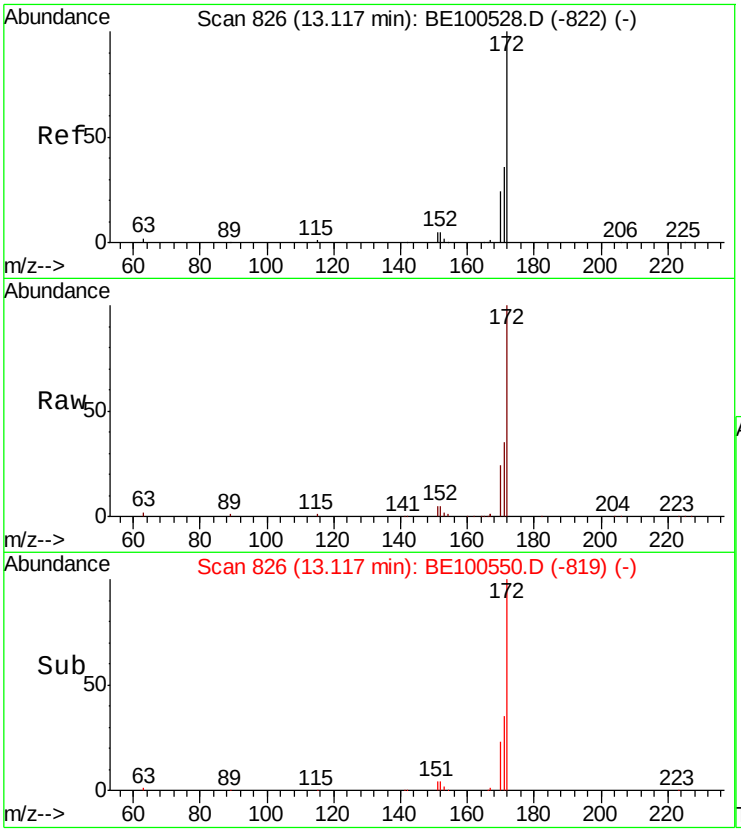




#14
2,4,6-Tribromophenol
Concen: 0.418 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

Tgt Ion:330 Resp: 1157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 93.9 | 75.5 | 113.3 |
| 141 | 54.5 | 42.3 | 63.5 |



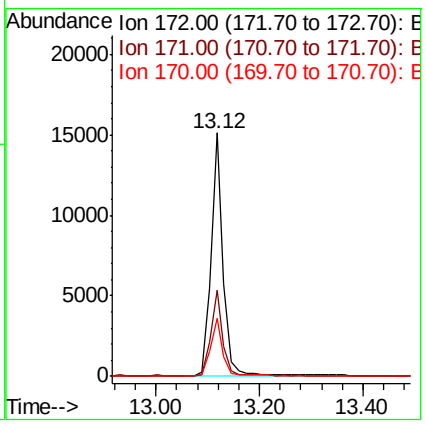


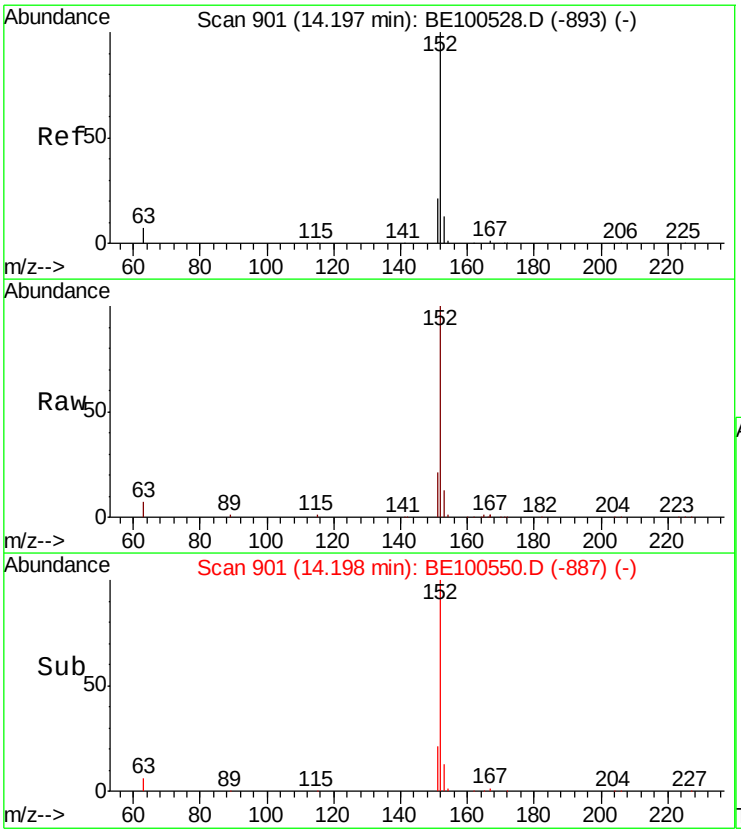

#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

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

Tgt Ion:172 Resp: 24420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.3 | 28.8 | 43.2 |
| 170 | 23.8 | 19.4 | 29.0 |

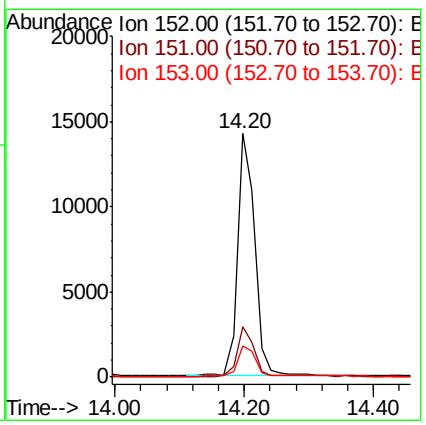


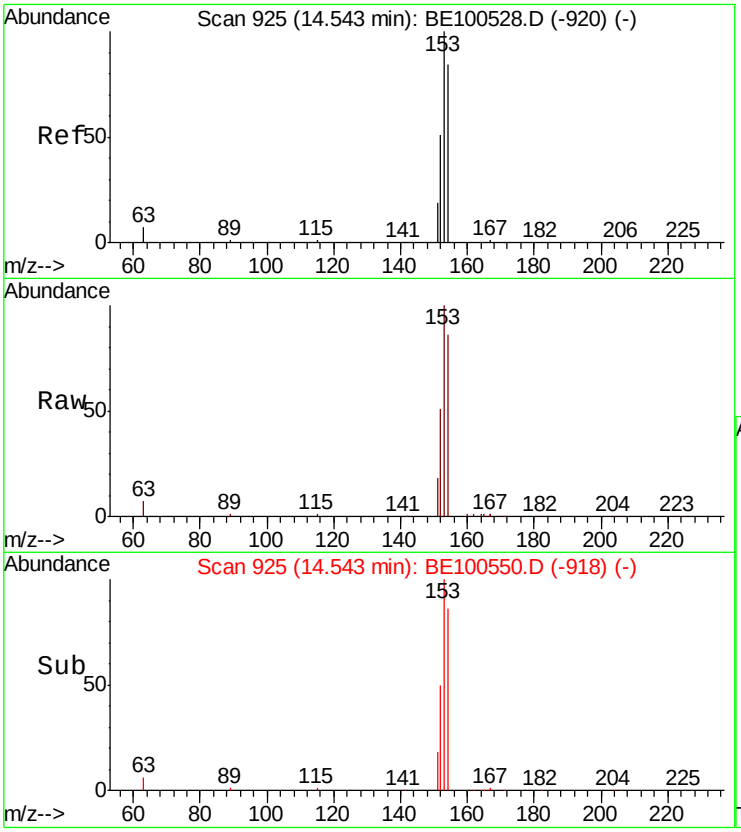




#16
Acenaphthylene
Concen: 0.373 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

Tgt Ion:152 Resp: 26302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.8 | 15.9 | 23.9 |
| 153 | 13.0 | 10.7 | 16.1 |



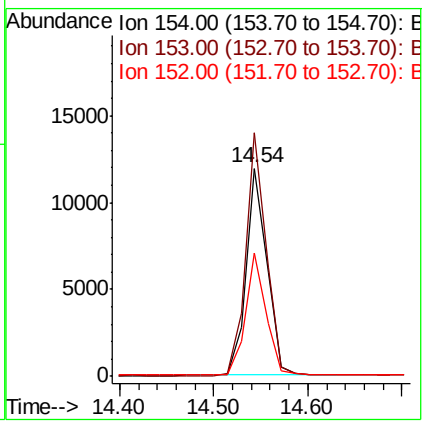


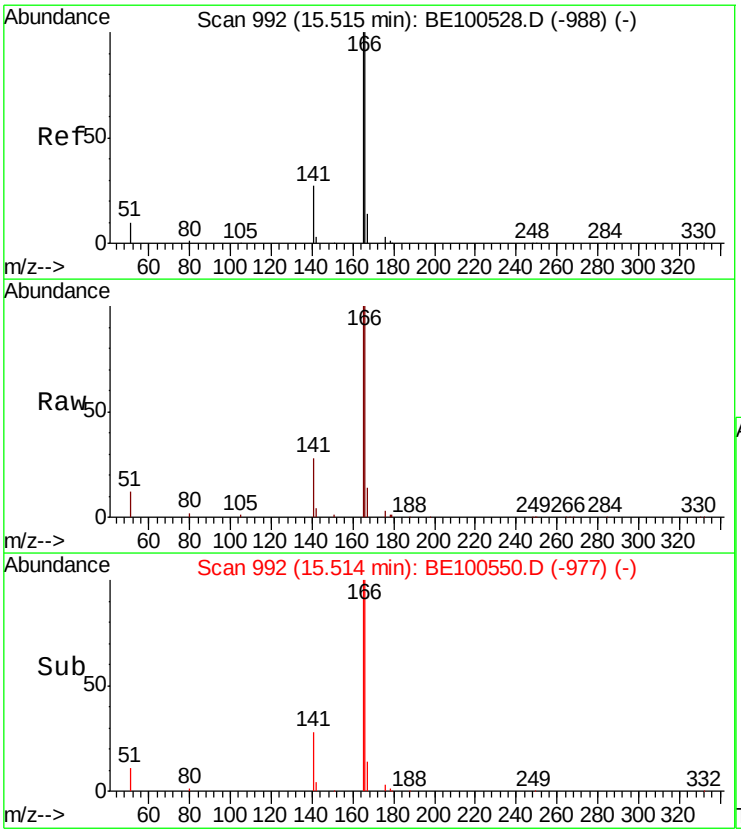

#17
Acenaphthene
Concen: 0.386 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

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

Tgt Ion:154 Resp: 18386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.5 | 93.7 | 140.5 |
| 152 | 58.3 | 47.3 | 70.9 |

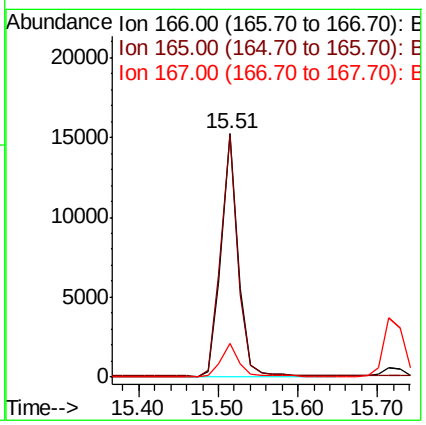


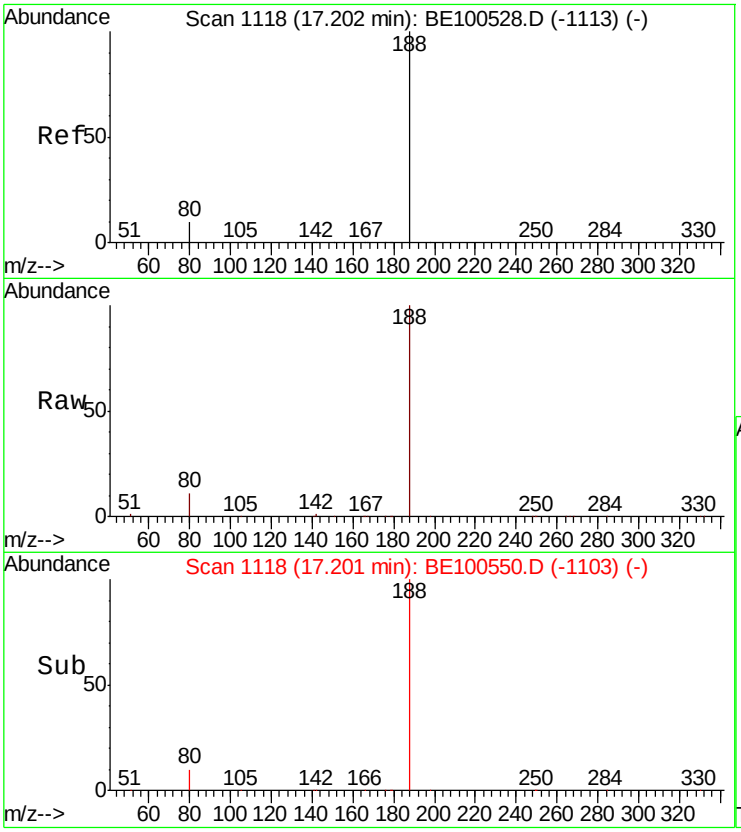




#18
Fluorene
Concen: 0.382 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

Tgt Ion:166 Resp: 22751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.0 | 80.1 | 120.1 |
| 167 | 13.5 | 10.9 | 16.3 |



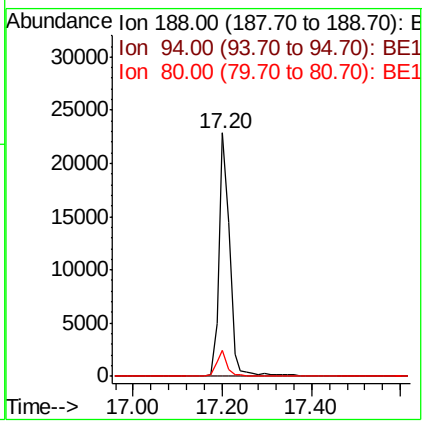


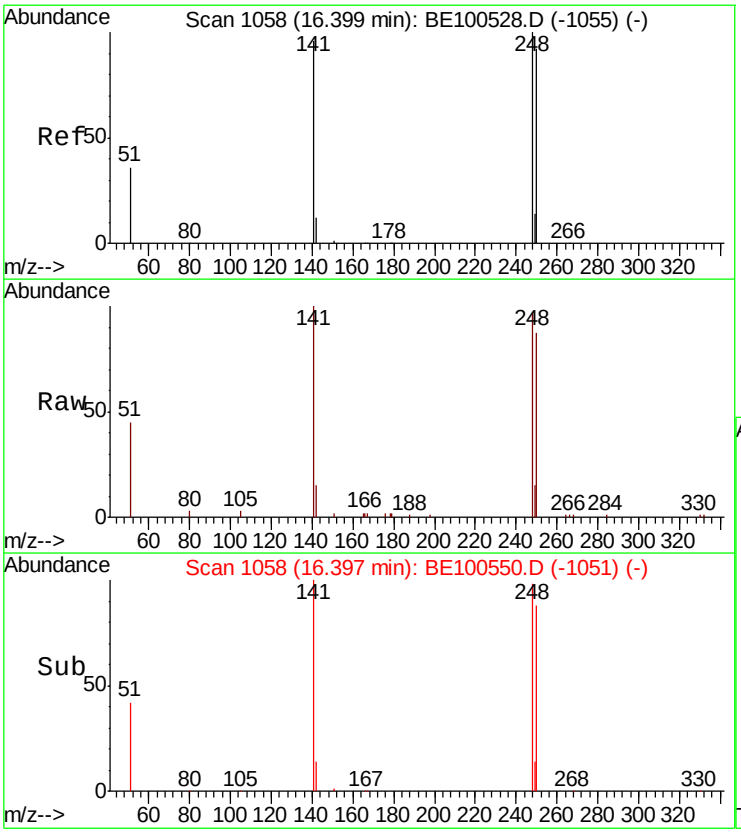

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

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

Tgt Ion:188 Resp: 37399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 10.5 | 8.0 | 12.0 |

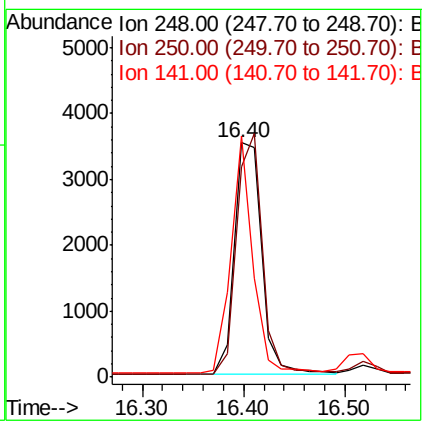


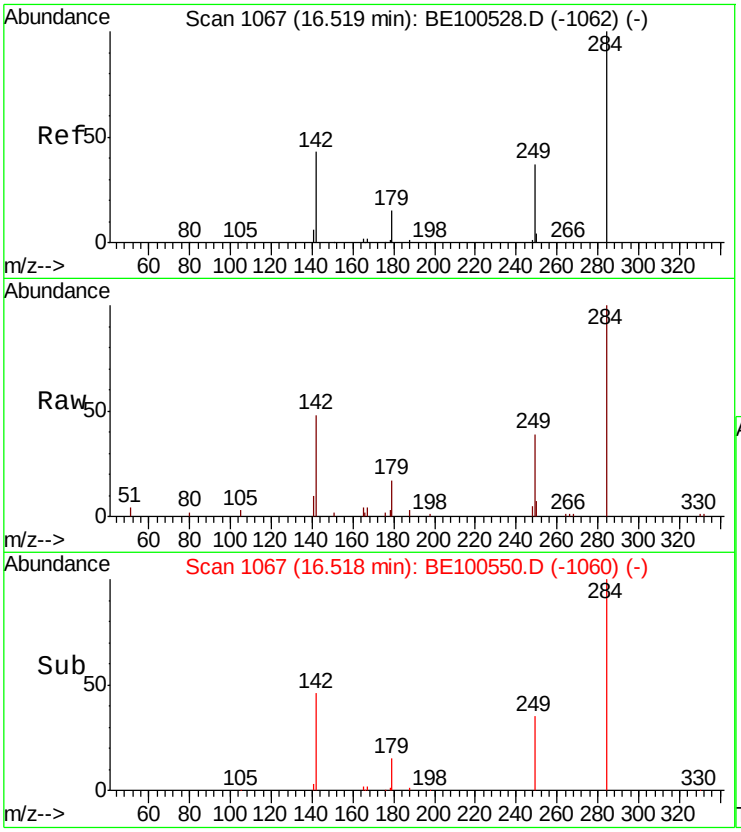




#20
4-Bromophenyl-phenylether
Concen: 0.377 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

Tgt Ion:248 Resp: 6617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 89.8 | 73.5 | 110.3 |
| 141 | 102.8 | 77.0 | 115.4 |



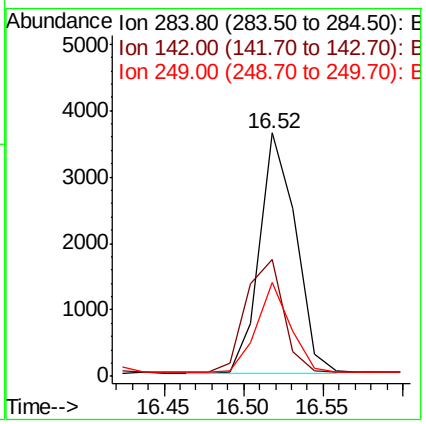


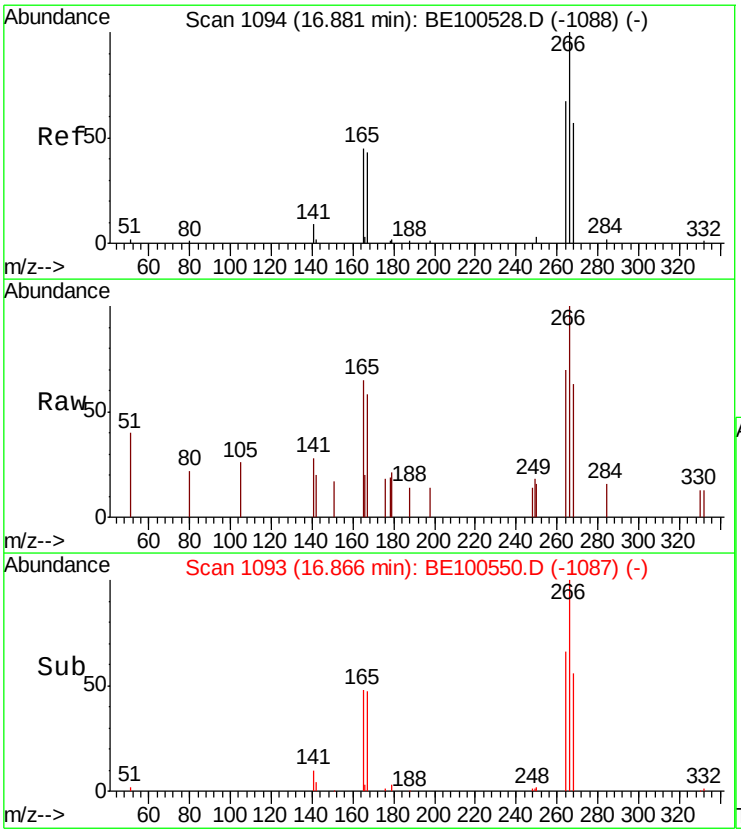

#21
Hexachlorobenzene
Concen: 0.376 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

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

Tgt Ion:284 Resp: 5763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 49.1 | 39.0 | 58.6 |
| 249 | 34.9 | 28.2 | 42.2 |

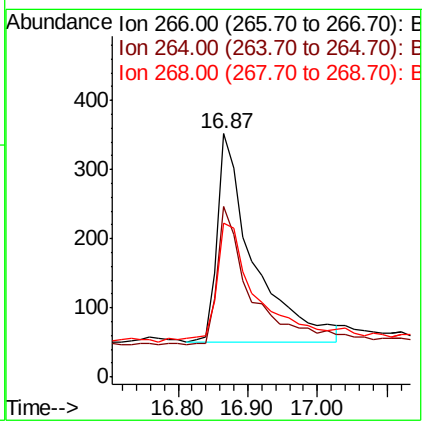


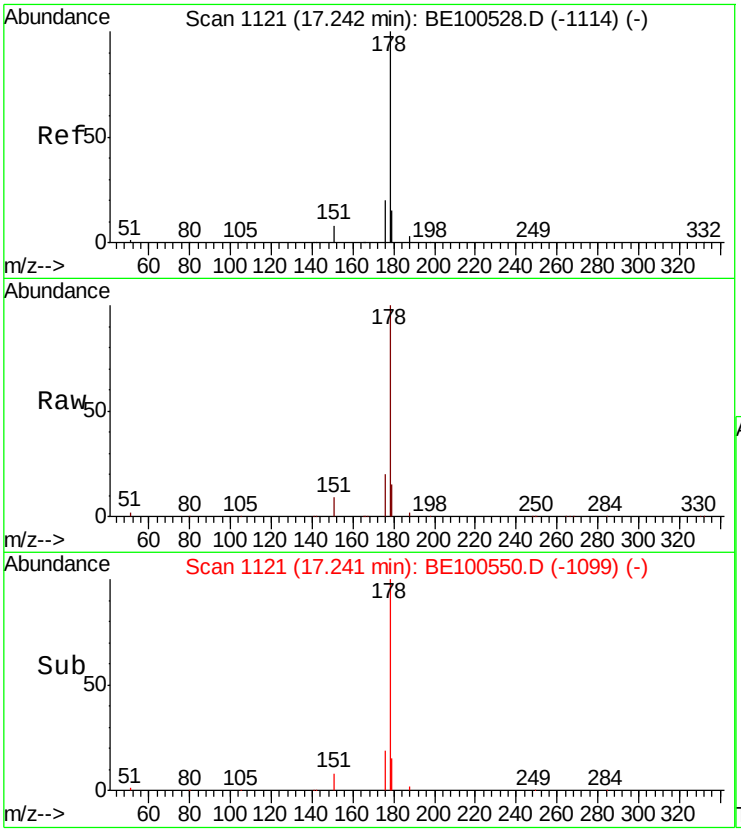




#22
Pentachlorophenol
Concen: 0.469 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

Tgt Ion:266 Resp: 1077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 69.9 | 57.6 | 86.4 |
| 268 | 63.1 | 55.1 | 82.7 |



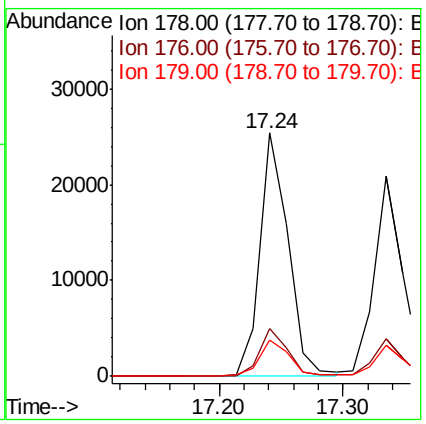


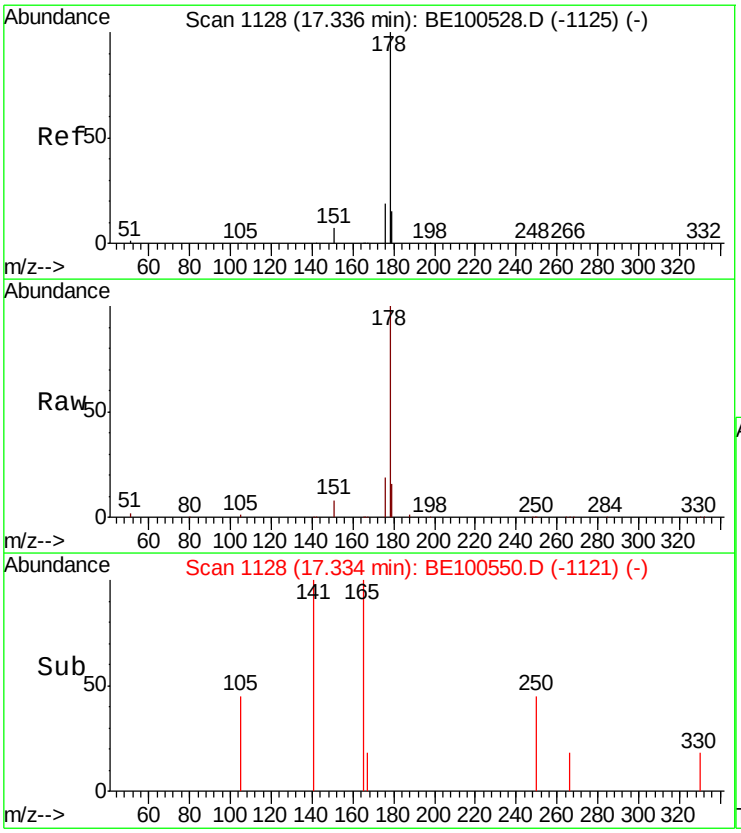

#23
Phenanthrene
Concen: 0.382 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

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

Tgt Ion:178 Resp: 39784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 15.4 | 23.2 |
| 179 | 15.3 | 12.6 | 18.8 |

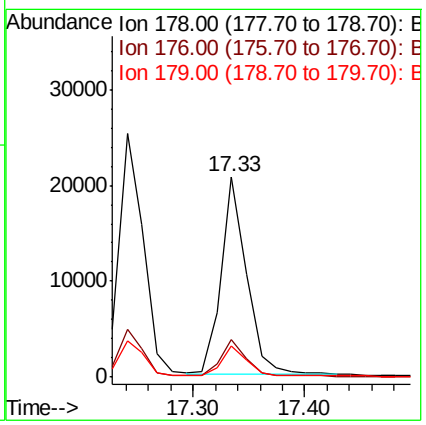


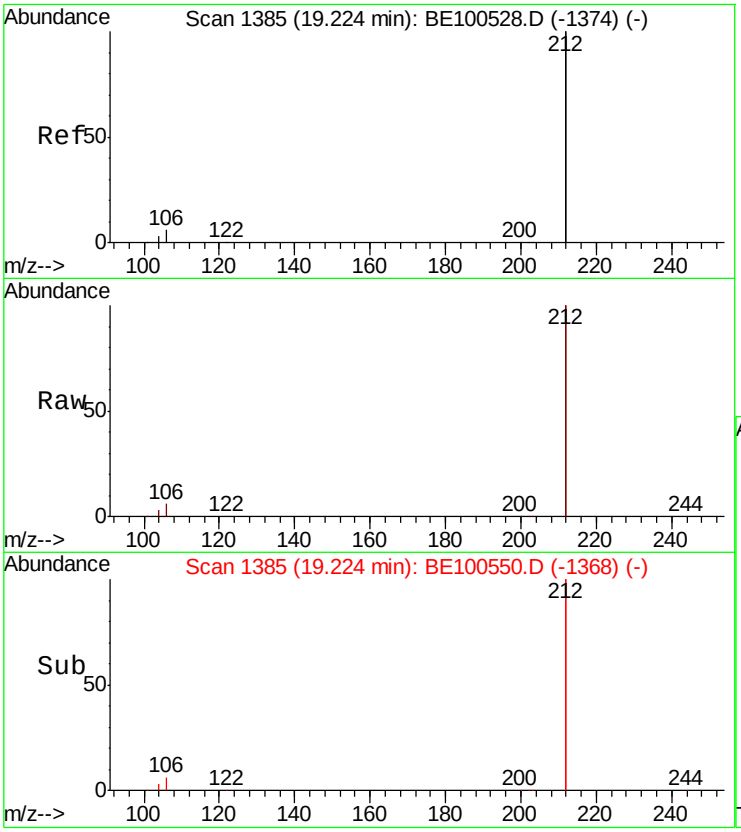




#24
Anthracene
Concen: 0.370 ng
RT: 17.33 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

Tgt Ion:178 Resp: 32488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 15.2 | 22.8 |
| 179 | 15.4 | 12.2 | 18.4 |



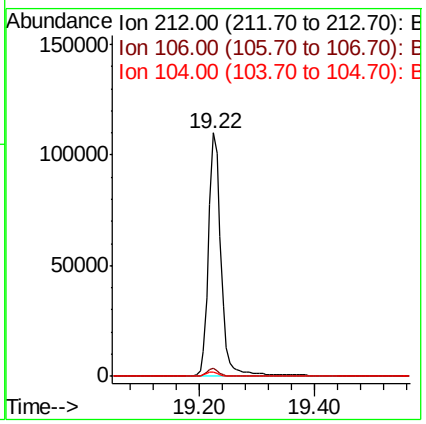


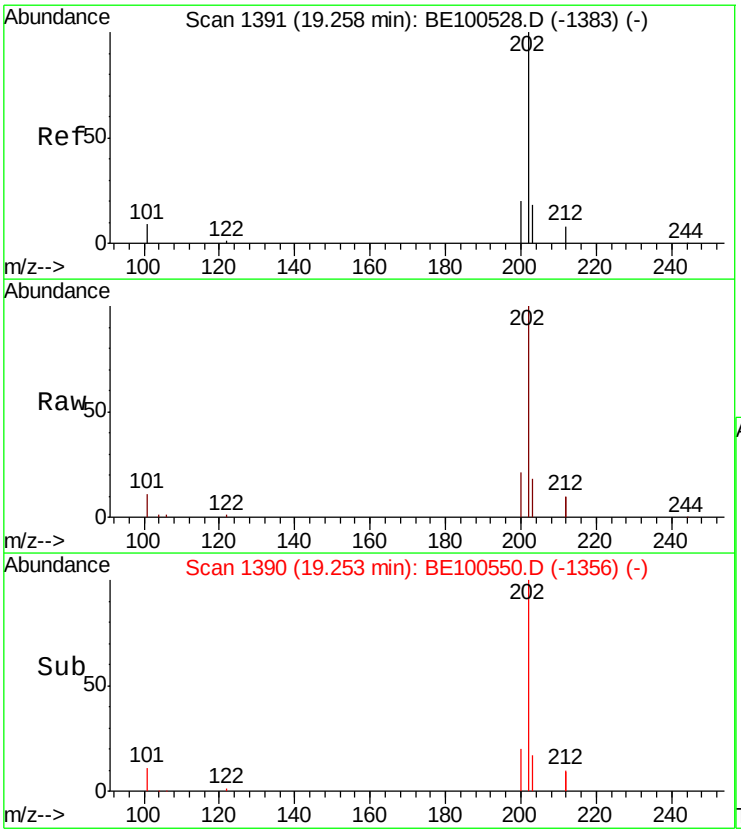

#25
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.22 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

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

Tgt Ion:212 Resp: 164210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 2.9 | 2.3 | 3.5 |
| 104 | 1.6 | 1.3 | 1.9 |

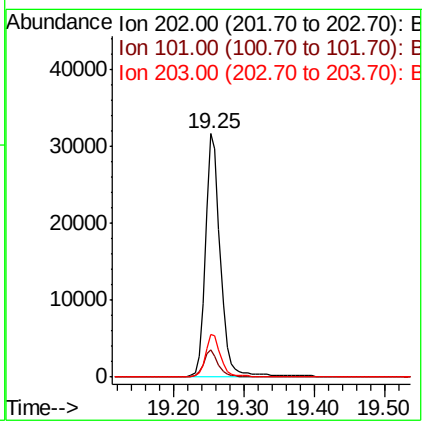


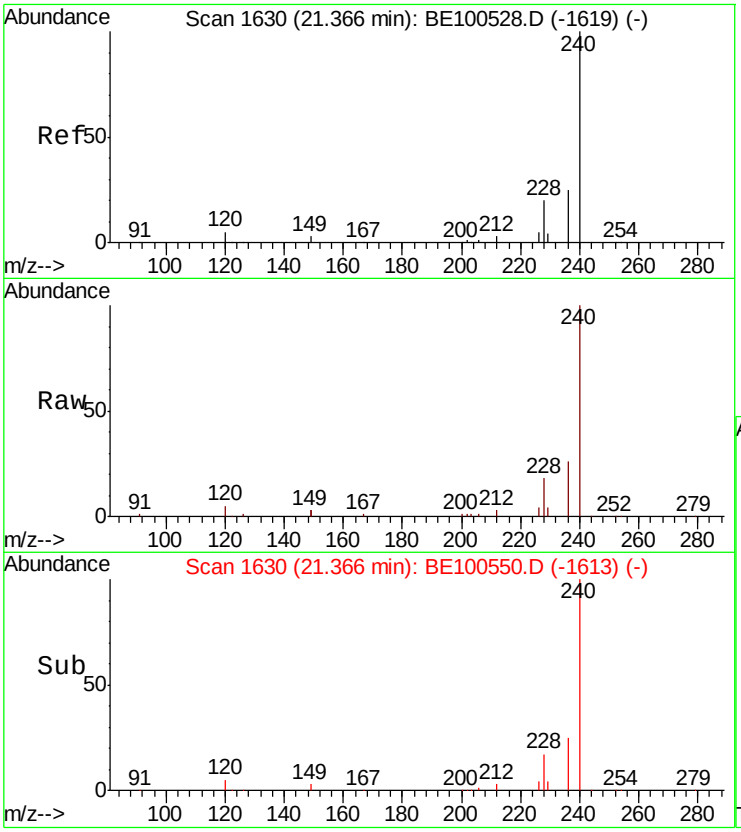




#26
Fluoranthene
Concen: 0.370 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

Tgt Ion:202 Resp: 46458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.9 | 8.8 | 13.2 |
| 203 | 17.2 | 13.7 | 20.5 |



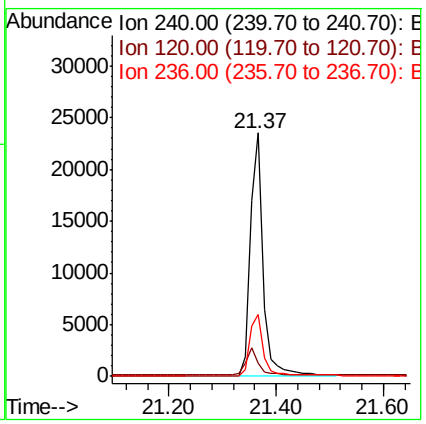


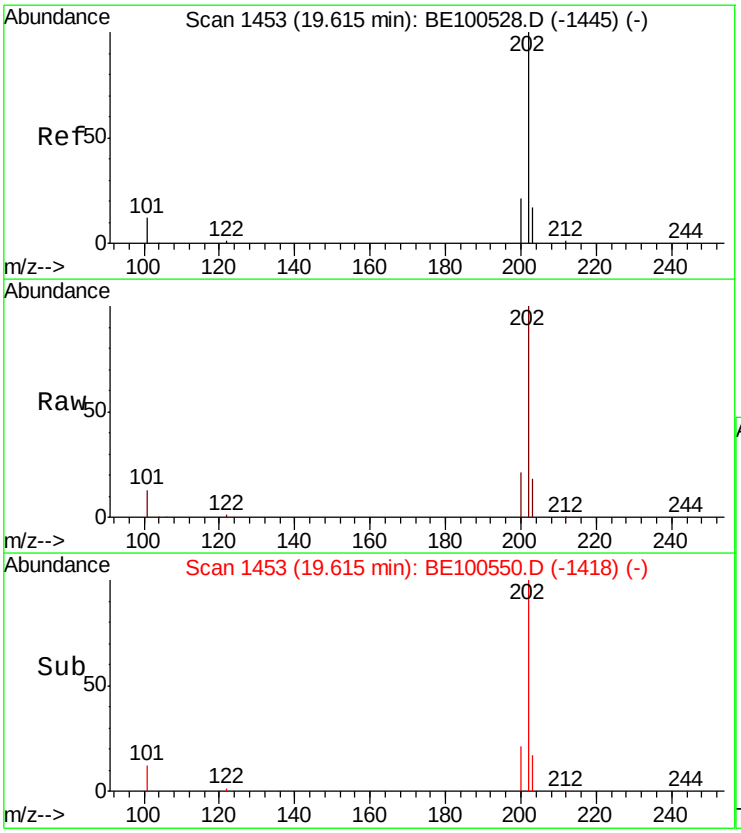

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

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

Tgt Ion:240 Resp: 38994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.3 | 4.5 | 6.7 |
| 236 | 25.6 | 20.6 | 30.8 |

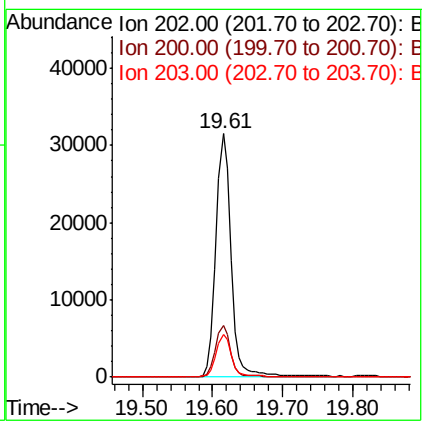


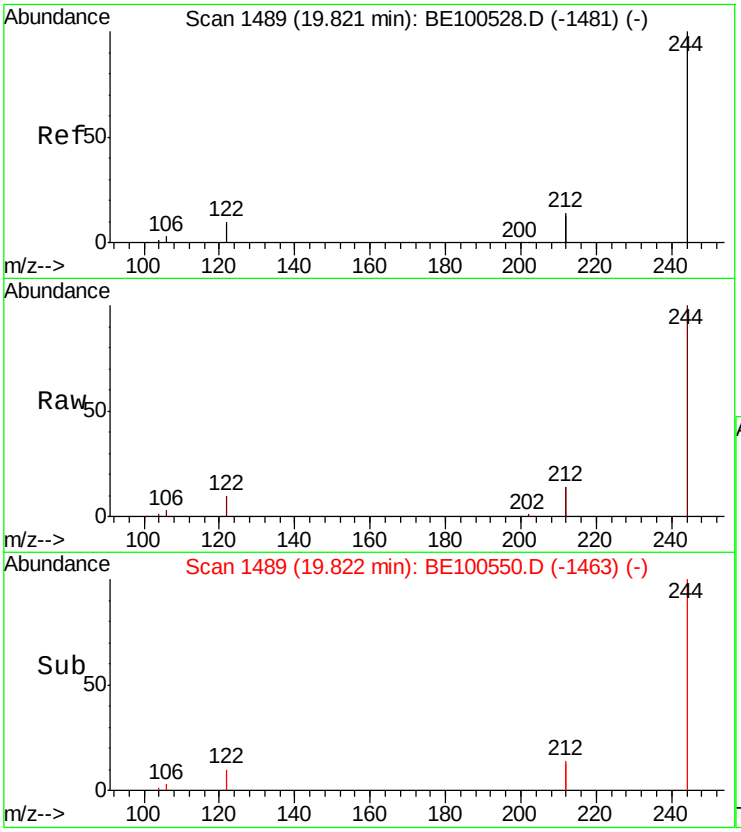




#28
Pyrene
Concen: 0.414 ng
RT: 19.61 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

Tgt Ion:202 Resp: 46474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.9 | 16.6 | 25.0 |
| 203 | 17.6 | 14.0 | 21.0 |



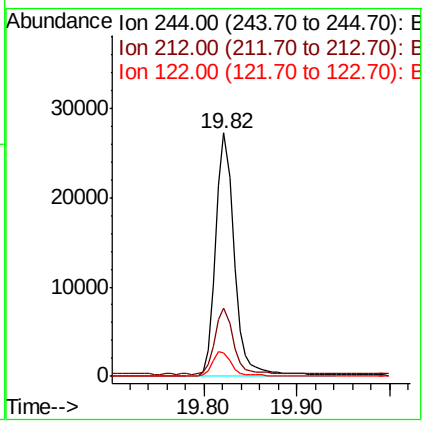


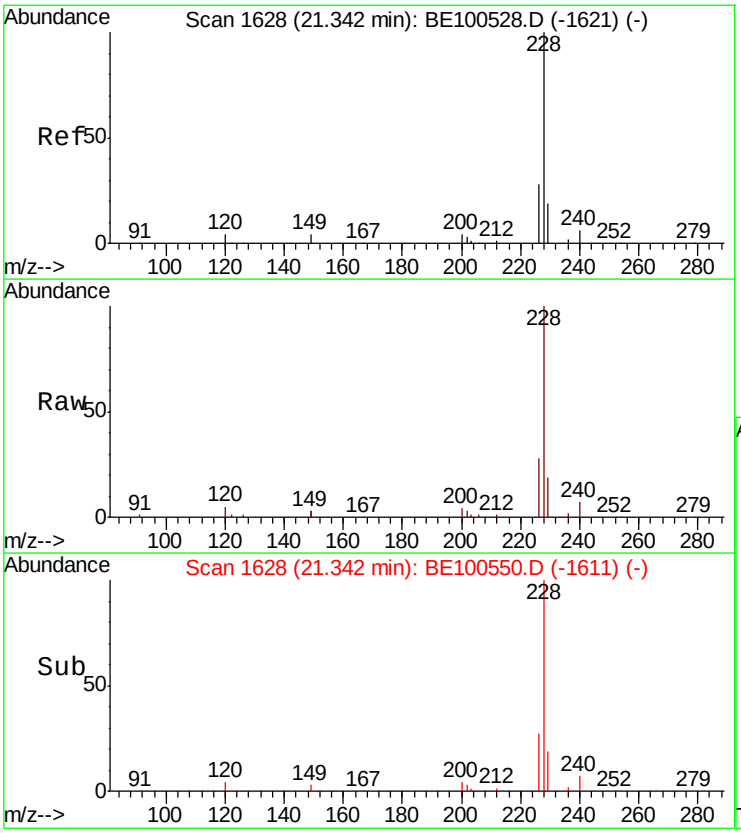

#29
Terphenyl-d14
Concen: 0.412 ng
RT: 19.82 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

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

Tgt Ion:244 Resp: 38062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 28.0 | 22.2 | 33.2 |
| 122 | 9.9 | 8.3 | 12.5 |

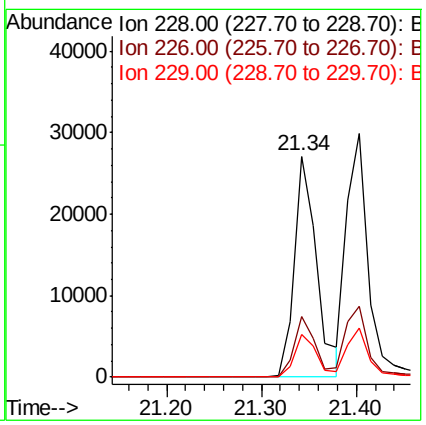


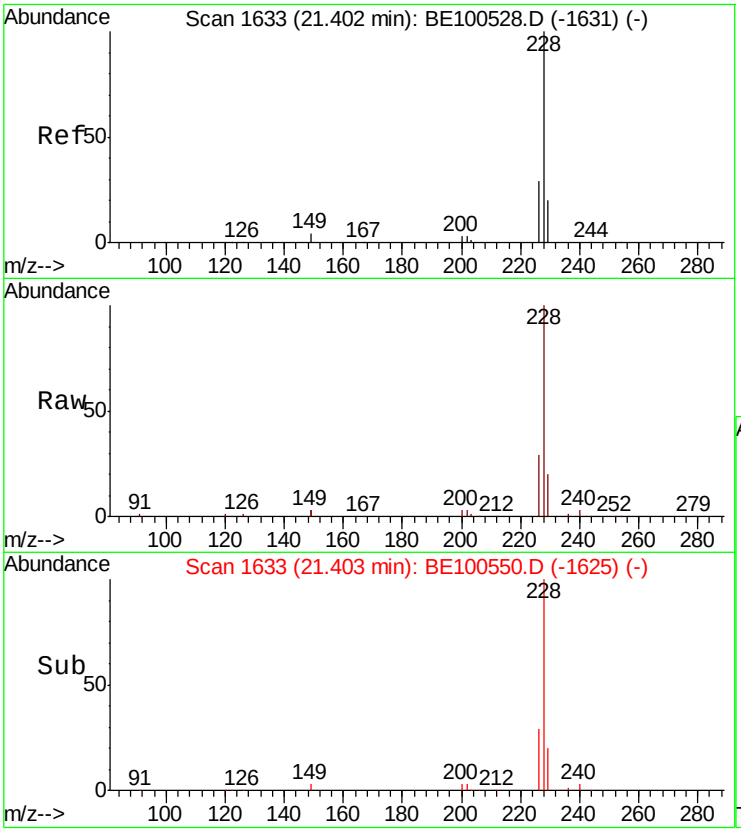




#30
Benzo(a)anthracene
Concen: 0.419 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

Tgt Ion:228 Resp: 43676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.5 | 22.5 | 33.7 |
| 229 | 19.3 | 15.4 | 23.2 |



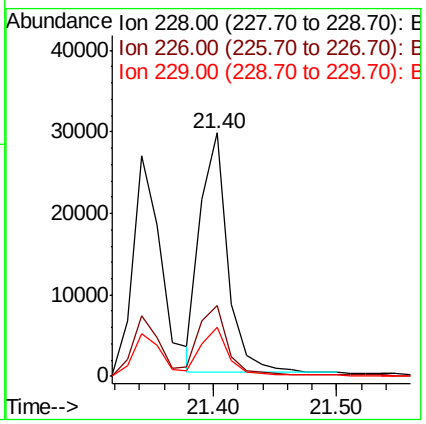


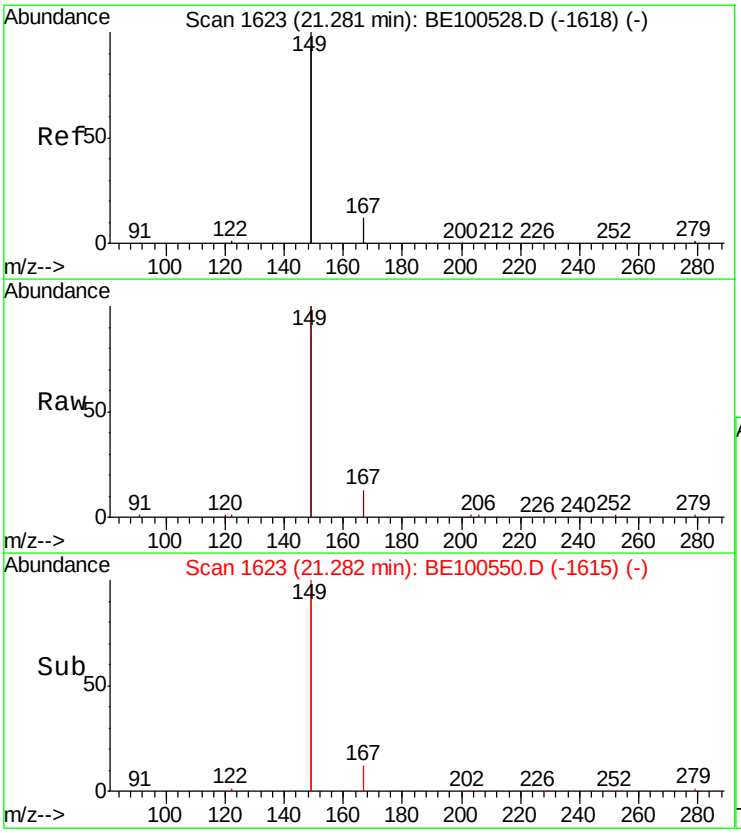

#31
Chrysene
Concen: 0.387 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

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

Tgt Ion:228 Resp: 45955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.2 | 23.3 | 34.9 |
| 229 | 20.4 | 16.3 | 24.5 |

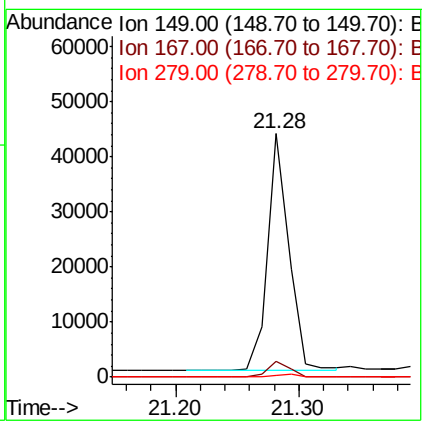


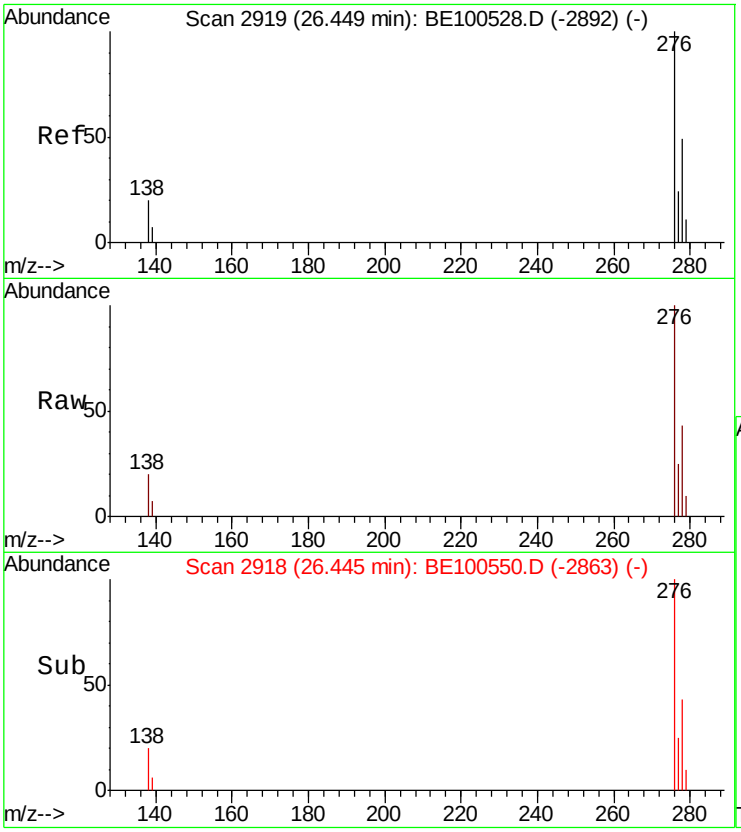




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.464 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

Tgt Ion:149 Resp: 52081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 6.6 | 5.2 | 7.8 |
| 279 | 1.2 | 1.0 | 1.4 |



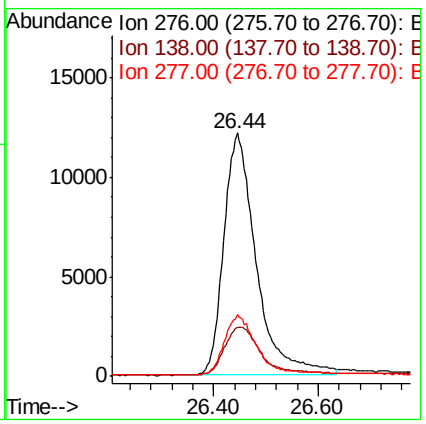


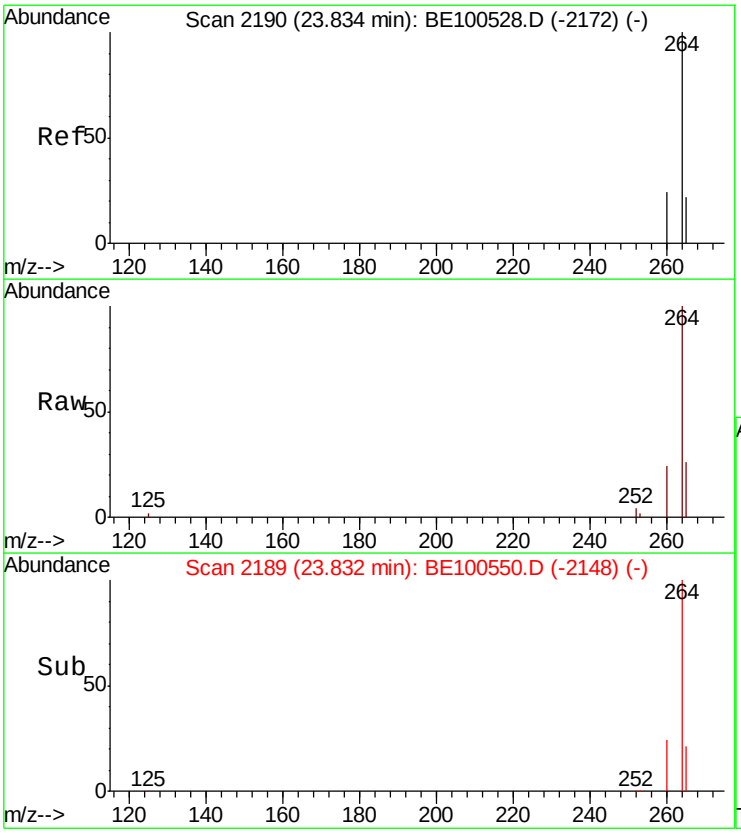

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.398 ng
RT: 26.44 min Scan# 2918
Delta R.T. -0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

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

Tgt Ion:276 Resp: 52572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 22.2 | 17.7 | 26.5 |
| 277 | 24.9 | 19.9 | 29.9 |

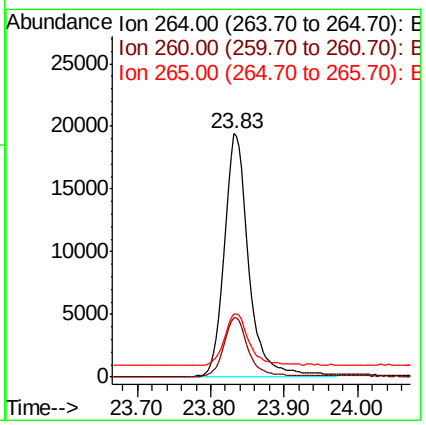


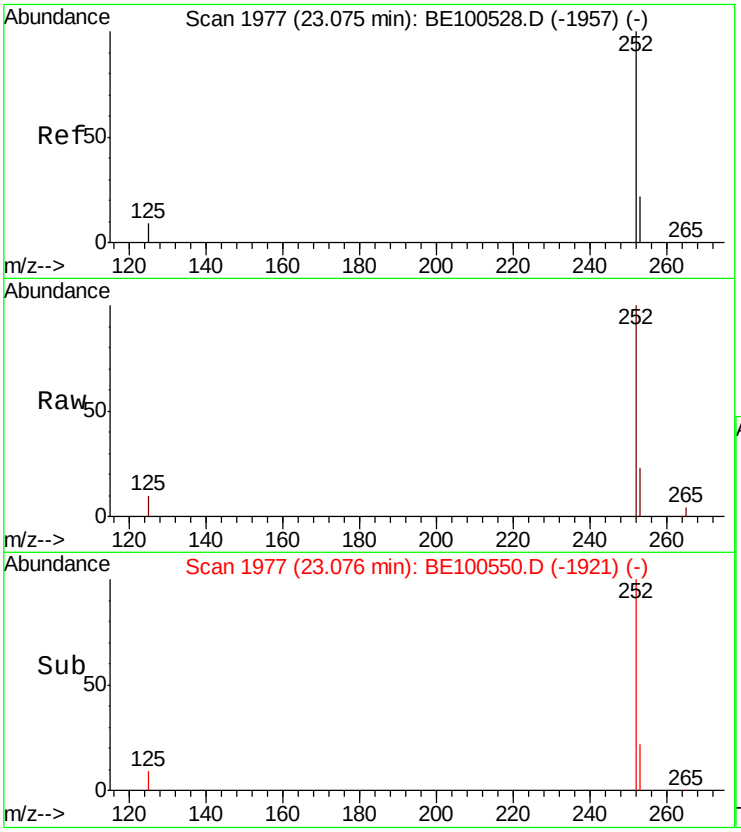




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.83 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

Tgt Ion:264 Resp: 45247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.5 | 19.6 | 29.4 |
| 265 | 25.8 | 21.8 | 32.8 |



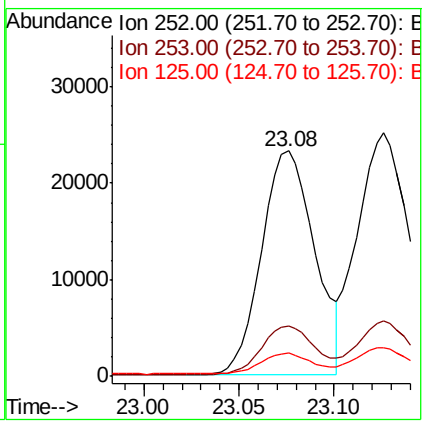


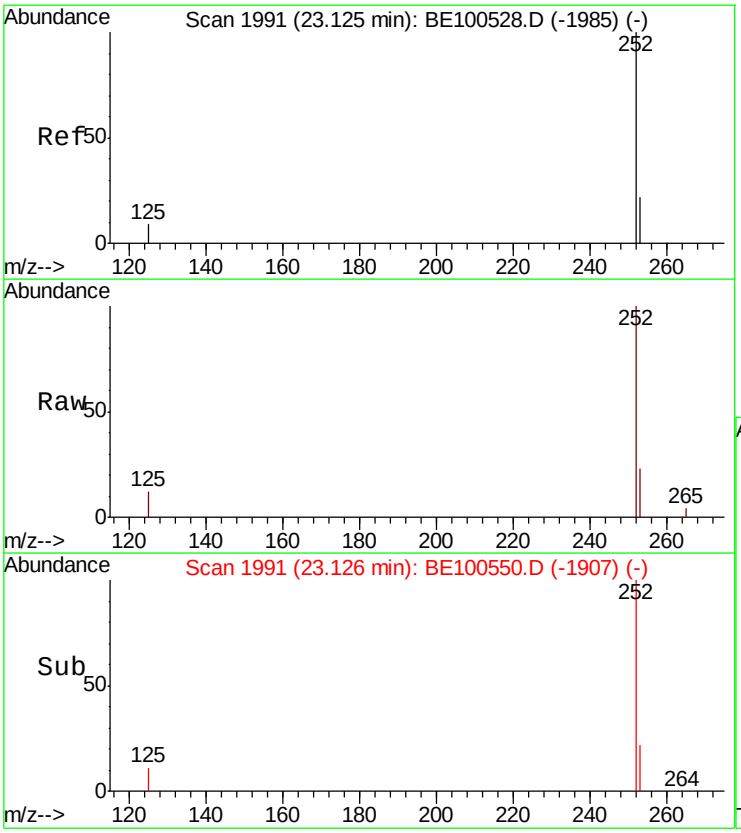

#35
Benzo(b)fluoranthene
Concen: 0.370 ng
RT: 23.08 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

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

Tgt Ion:252 Resp: 45279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.6 | 18.1 | 27.1 |
| 125 | 10.2 | 8.0 | 12.0 |

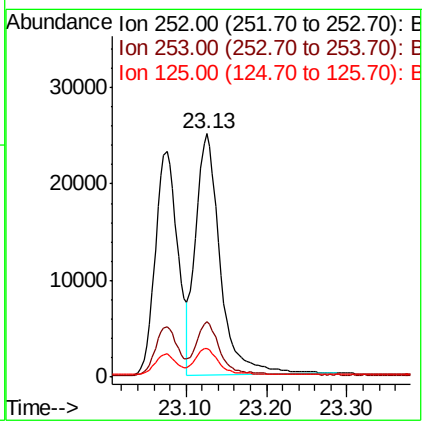


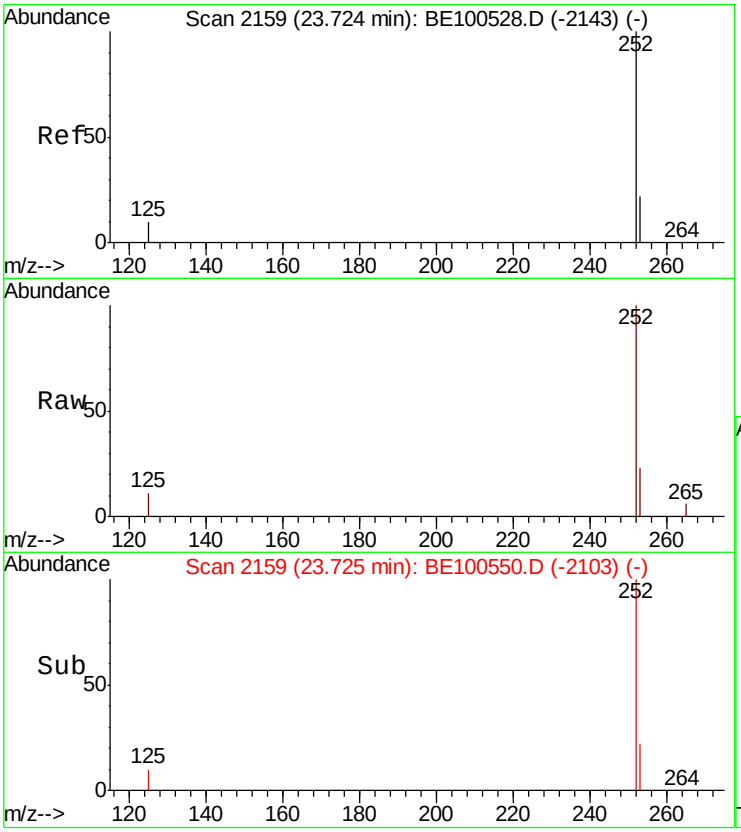




#36
Benzo(k)fluoranthene
Concen: 0.373 ng
RT: 23.13 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

Tgt Ion:252 Resp: 52890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.8 | 17.9 | 26.9 |
| 125 | 11.5 | 8.5 | 12.7 |



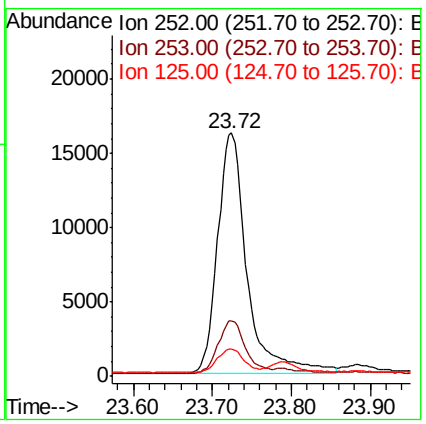


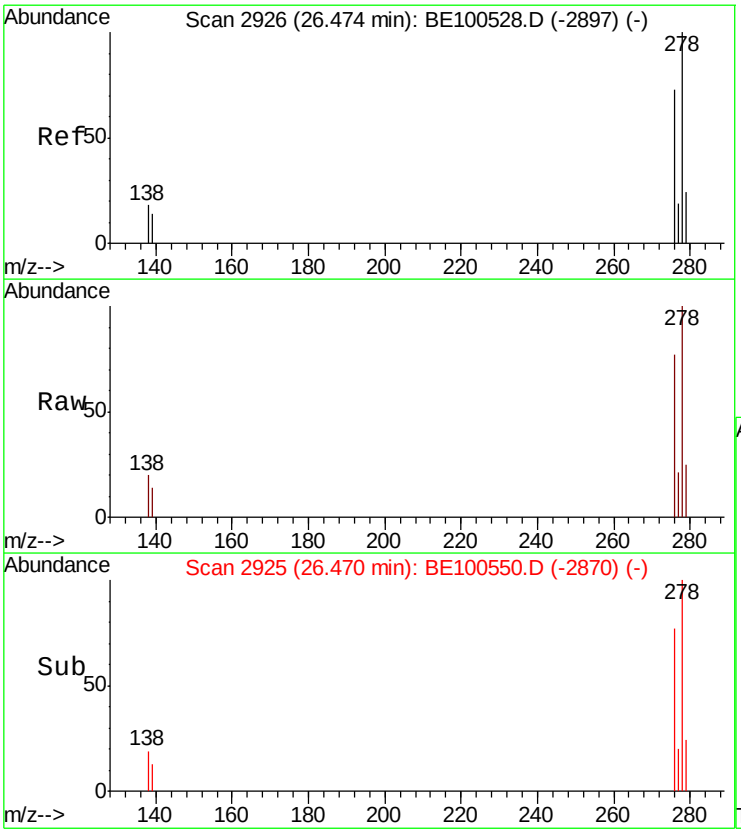

#37
Benzo(a)pyrene
Concen: 0.368 ng
RT: 23.72 min Scan# 2159
Delta R.T. 0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

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

Tgt Ion:252 Resp: 42089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.8 | 18.1 | 27.1 |
| 125 | 11.4 | 9.2 | 13.8 |

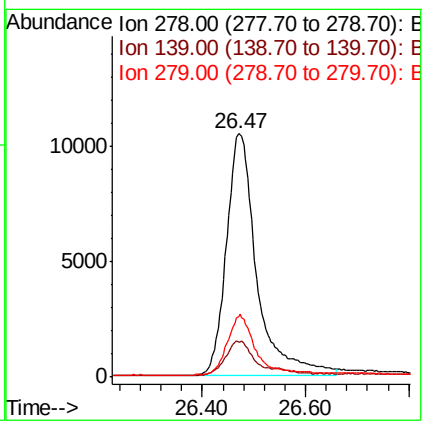


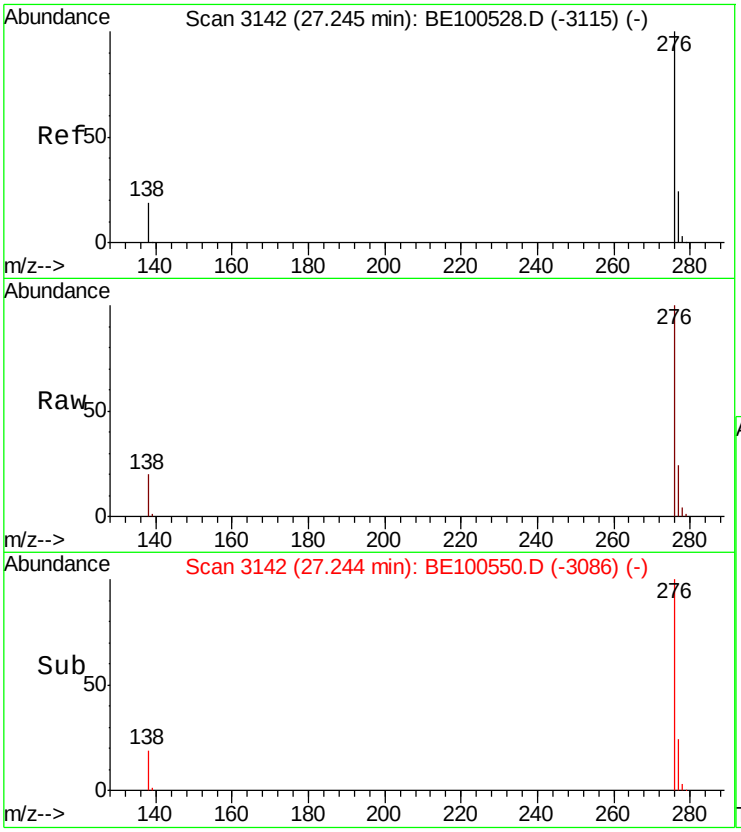




#38
Dibenzo(a,h)anthracene
Concen: 0.364 ng
RT: 26.47 min Scan# 2925
Delta R.T. -0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

Tgt Ion:278 Resp: 43296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 14.2 | 11.6 | 17.4 |
| 279 | 25.0 | 19.7 | 29.5 |






#39
Benzo(g,h,i)perylene
Concen: 0.373 ng
RT: 27.24 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BE100550.D
Acq: 25 Sep 2019 9:40

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

Tgt Ion:276 Resp: 46383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.4 | 19.2 | 28.8 |
| 138 | 19.6 | 15.7 | 23.5 |