Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051217\
Data File : BE093023.D
Acq On : 12 May 2017 18:15
Operator : SJ/MA
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: May 12 23:52:22 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 14:48:08 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.75 | 152 | 810 | 0.40 | ng | | -0.02 |
| 7) Naphthalene-d8 | 10.53 | 136 | 3622 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.39 | 164 | 1816 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.13 | 188 | 4963 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.28 | 240 | 5208 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.69 | 264 | 4681 | 0.40 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.36 | 112 | 1014 | 0.46 | ng | | 0.00 |
| 5) Phenol-d6 | 6.92 | 99 | 1513 | 0.54 | ng | | -0.02 |
| 8) Nitrobenzene-d5 | 8.88 | 82 | 1364 | 0.48 | ng | | -0.02 |
| 11) 2-Methylnaphthalene-d10 | 12.12 | 152 | 2079 | 0.41 | ng | | -0.02 |
| 14) 2,4,6-Tribromophenol | 15.88 | 330 | 271 | 0.55 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.01 | 172 | 2923 | 0.41 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.14 | 212 | 5270 | 0.40 | ng | | -0.02 |
| 29) Terphenyl-d14 | 19.74 | 244 | 3821 | 0.41 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.31 | 88 | 606 | 0.37 | ng | | 98 |
| 3) n-Nitrosodimethylamine | 3.61 | 42 | 604 | 0.43 | ng | # | 97 |
| 6) bis(2-Chloroethyl)ether | 7.18 | 93 | 1113 | 0.41 | ng | # | 99 |
| 9) Naphthalene | 10.58 | 128 | 3701 | 0.38 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.87 | 225 | 499 | 0.38 | ng | | 99 |
| 12) 2-Methylnaphthalene | 12.19 | 142 | 2339 | 0.41 | ng | | 94 |
| 16) Acenaphthylene | 14.10 | 152 | 13206 | 0.43 | ng | | 100 |
| 17) Acenaphthene | 14.44 | 154 | 2242 | 0.40 | ng | | 97 |
| 18) Fluorene | 15.42 | 166 | 2822 | 0.40 | ng | | 98 |
| 20) 4-Bromophenyl-phenylether | 16.33 | 248 | 575 | 0.36 | ng | # | 1 |
| 21) Hexachlorobenzene | 16.47 | 284 | 772 | 0.30 | ng | # | 100 |
| 22) Pentachlorophenol | 16.82 | 266 | 349 | 0.63 | ng | | 92 |
| 23) Phenanthrene | 17.19 | 178 | 4064 | 0.35 | ng | # | 77 |
| 24) Anthracene | 17.28 | 178 | 3841 | 0.37 | ng | | 97 |
| 26) Fluoranthene | 19.16 | 202 | 23642 | 0.37 | ng | # | 59 |
| 28) Pyrene | 19.53 | 202 | 25600 | 0.39 | ng | # | 96 |
| 30) Benzo(a)anthracene | 21.25 | 228 | 5887 | 0.46 | ng | # | 84 |
| 31) Chrysene | 21.30 | 228 | 5815 | 0.36 | ng | # | 85 |
| 32) Bis(2-ethylhexyl)phthalate | 21.20 | 149 | 5742m | 0.99 | ng | | |
| 33) Indeno(1,2,3-cd)pyrene | 26.22 | 276 | 23436 | 0.46 | ng | | 99 |
| 35) Benzo(b)fluoranthene | 22.95 | 252 | 5514 | 0.37 | ng | | 98 |
| 36) Benzo(k)fluoranthene | 23.00 | 252 | 5706m | 0.38 | ng | | |
| 37) Benzo(a)pyrene | 23.59 | 252 | 5200 | 0.40 | ng | | 98 |
| 38) Dibenzo(a,h)anthracene | 26.25 | 278 | 5015 | 0.42 | ng | | 98 |
| 39) Benzo(g,h,i)perylene | 27.00 | 276 | 20694 | 0.38 | ng | | 98 |

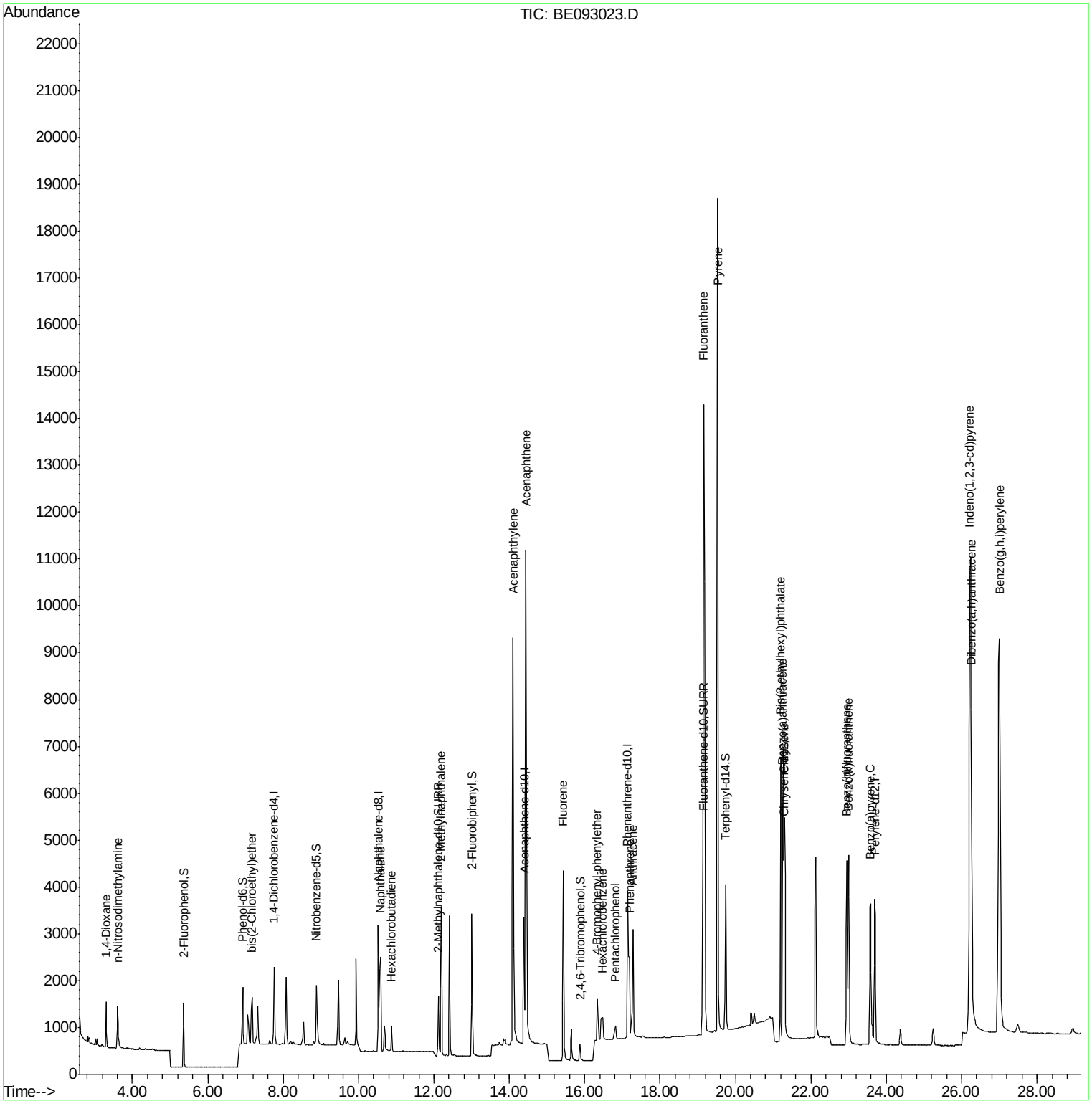
(#) = qualifier out of range (m) = manual integration (+) = signals summed

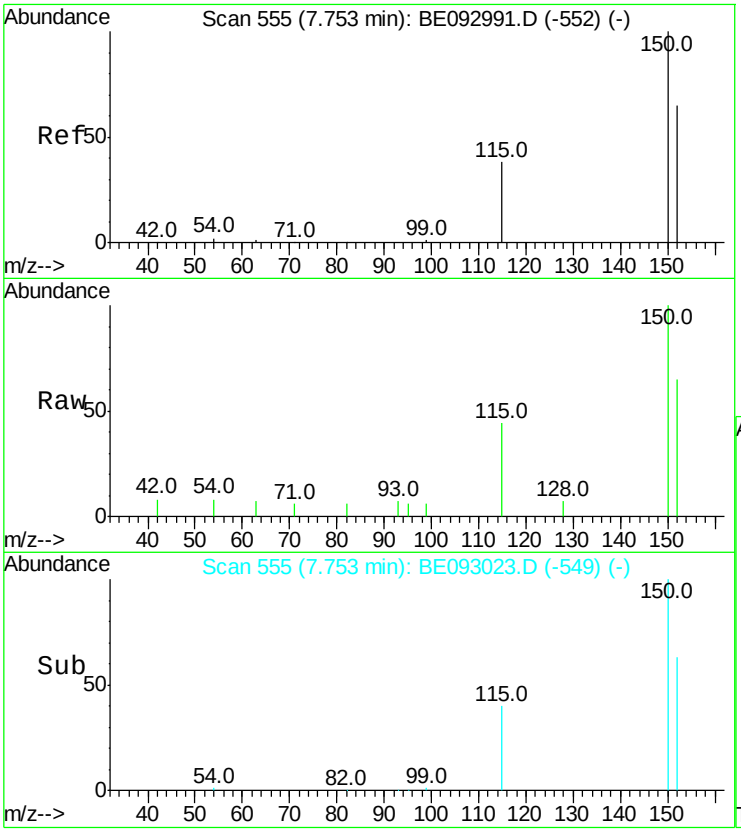
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051217\
Data File : BE093023.D
Acq On : 12 May 2017 18:15
Operator : SJ/MA
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: May 12 23:52:22 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 14:48:08 2017
Response via : Initial Calibration



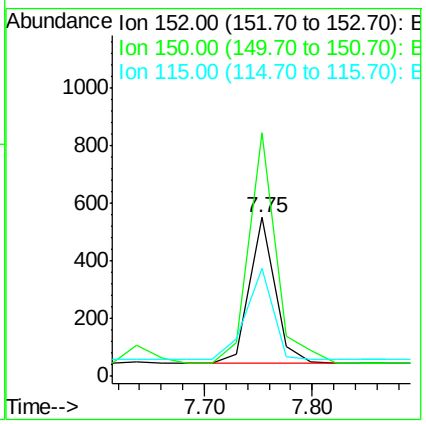


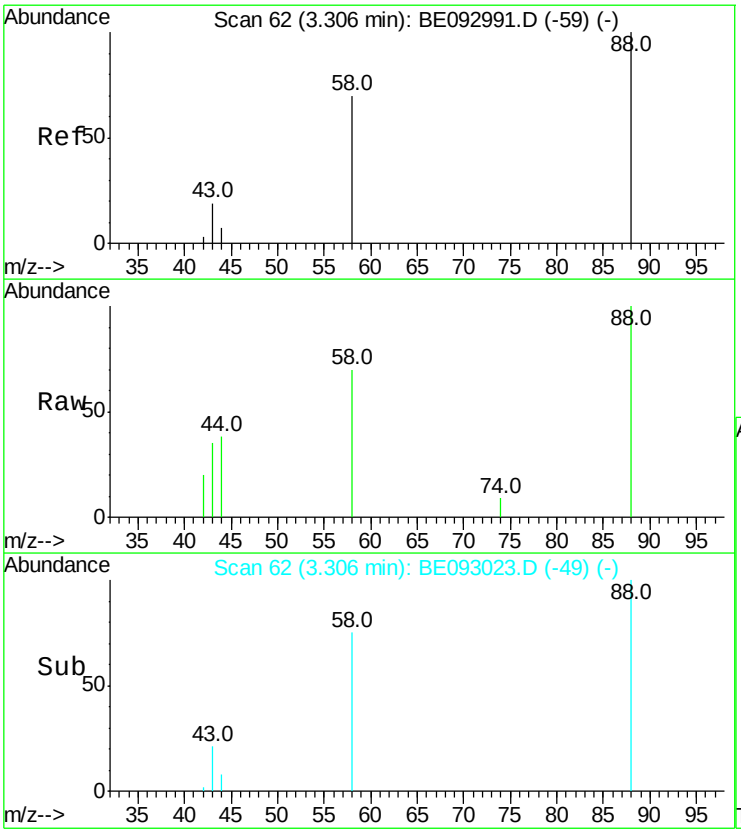

#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.75 min Scan# 555
Delta R.T. -0.02 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

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

Tgt Ion:152 Resp: 810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.5 | 125.1 | 187.7 |
| 115 | 68.0 | 55.7 | 83.5 |

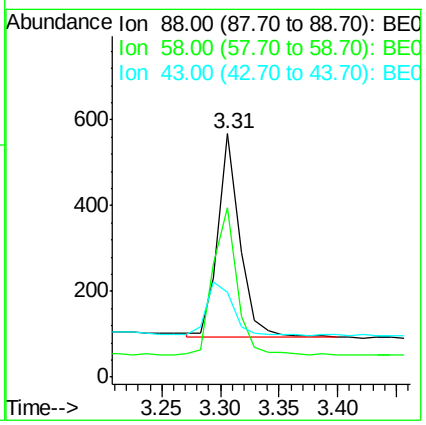


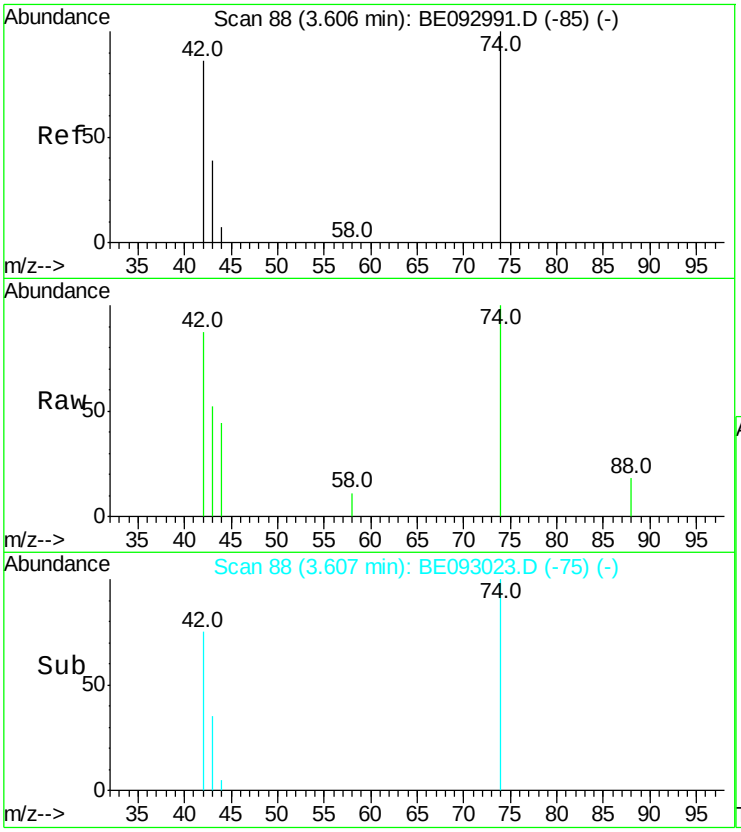




#2
1,4-Dioxane
Concen: 0.37 ng
RT: 3.31 min Scan# 62
Delta R.T. 0.00 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

Tgt Ion: 88 Resp: 606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 78.2 | 62.2 | 93.4 |
| 43 | 31.5 | 23.2 | 34.8 |



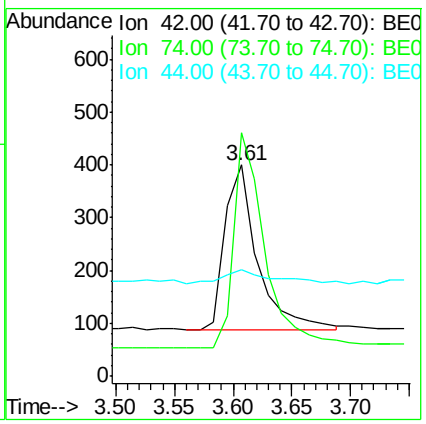


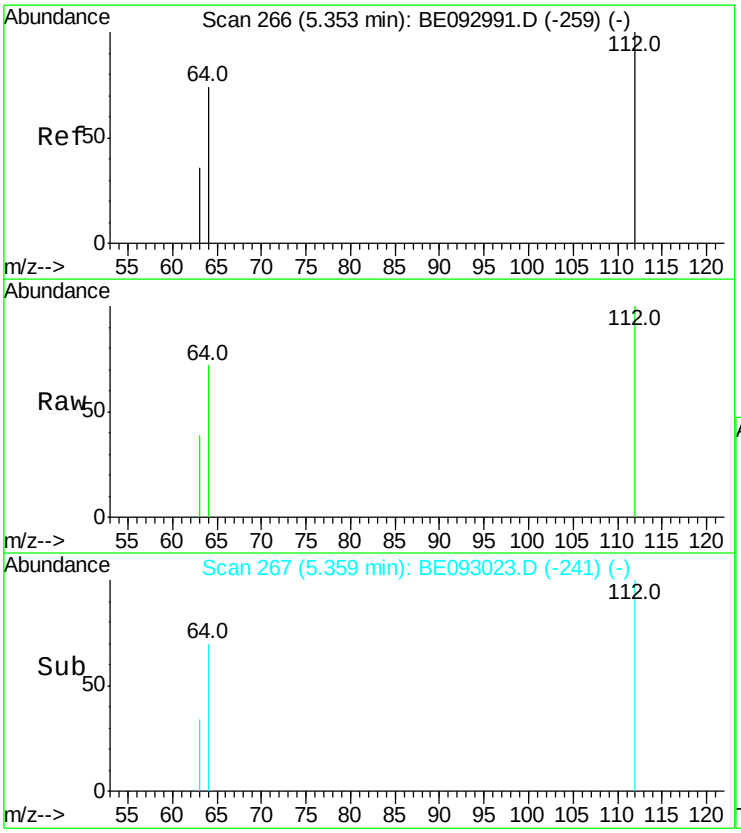

#3
n-Nitrosodimethylamine
Concen: 0.43 ng
RT: 3.61 min Scan# 88
Delta R.T. 0.00 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

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

Tgt Ion: 42 Resp: 604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 127.0 | 99.1 | 148.7 |
| 44 | 12.1 | 7.4 | 11.2# |

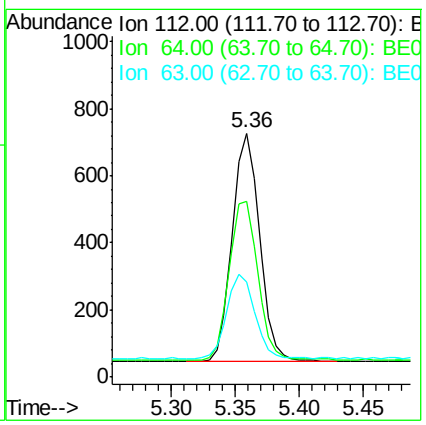


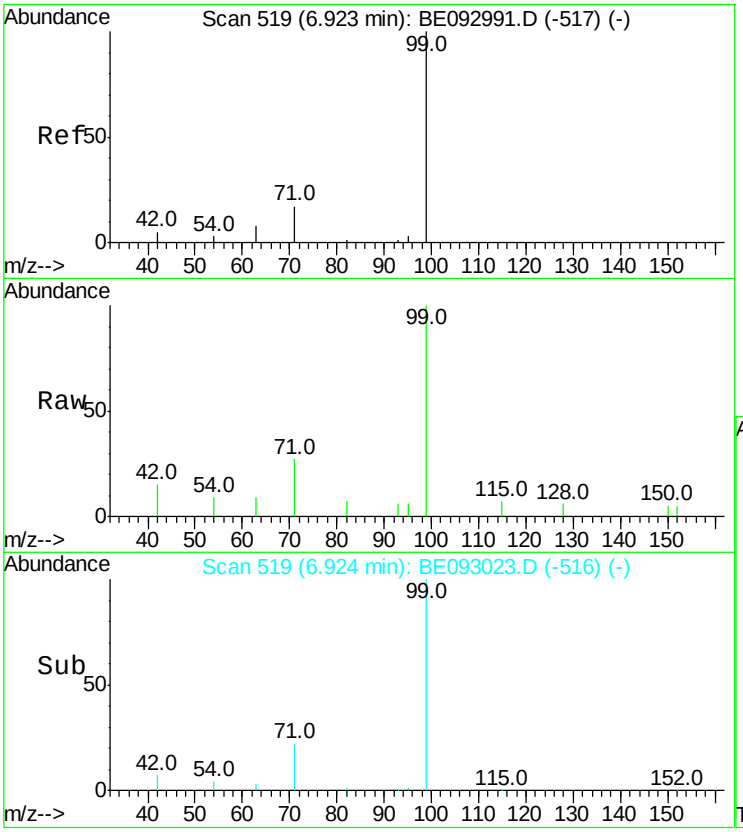




#4
2-Fluorophenol
Concen: 0.46 ng
RT: 5.36 min Scan# 267
Delta R.T. -0.00 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

Tgt Ion:112 Resp: 1014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 71.9 | 56.4 | 84.6 |
| 63 | 37.5 | 29.3 | 43.9 |



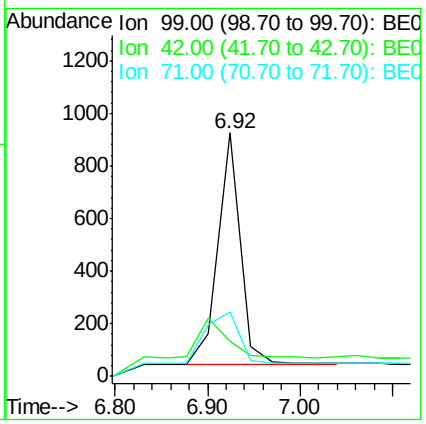


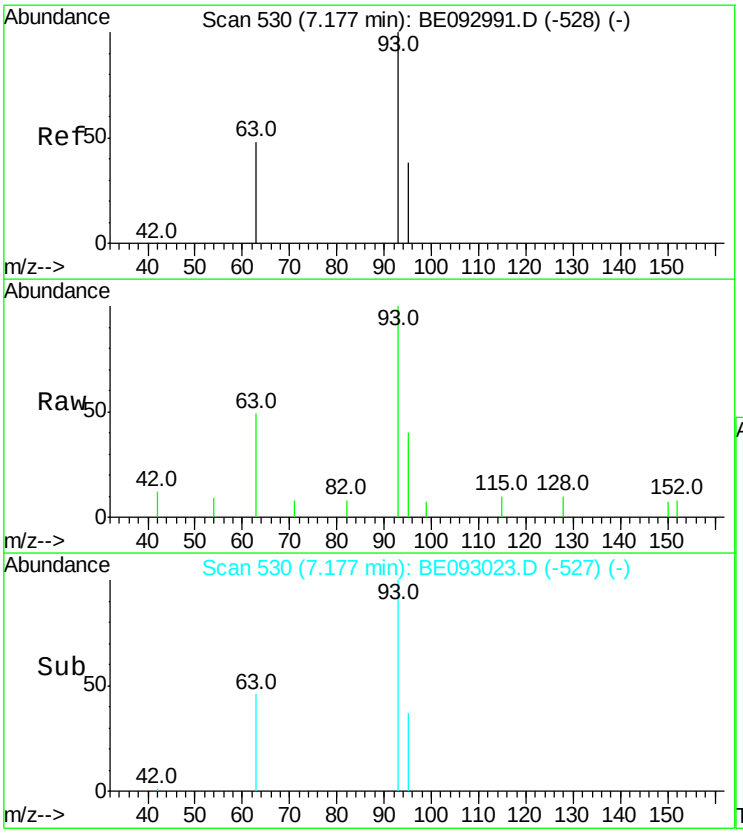

#5
Phenol-d6
Concen: 0.54 ng
RT: 6.92 min Scan# 519
Delta R.T. -0.02 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

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

Tgt Ion: 99 Resp: 1513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 0.0 | 0.0 | 0.0 |
| 71 | 32.9 | 0.0 | 0.0# |

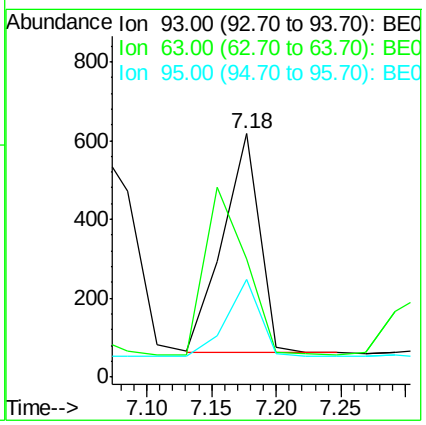


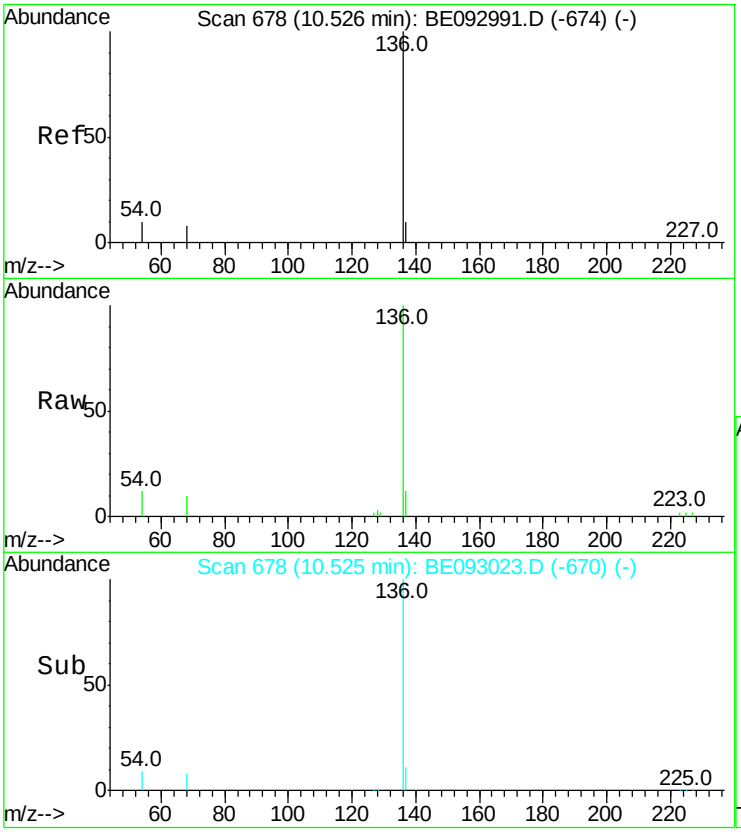




#6
bis(2-Chloroethyl)ether
Concen: 0.41 ng
RT: 7.18 min Scan# 530
Delta R.T. -0.02 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

Tgt Ion: 93 Resp: 1113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 0.0 | 0.0 | 0.0 |
| 95 | 32.1 | 25.4 | 38.0 |



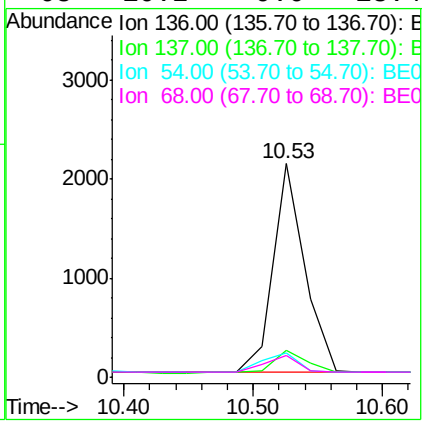


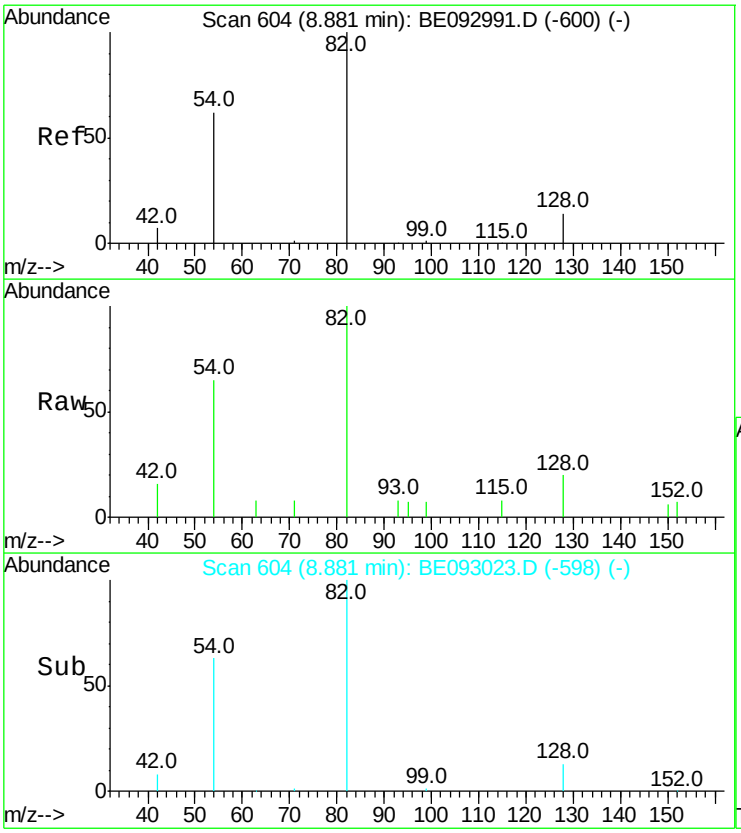

#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.53 min Scan# 678
Delta R.T. -0.00 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

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

Tgt Ion:136 Resp: 3622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.4 | 9.8 | 14.8 |
| 54 | 11.5 | 10.3 | 15.5 |
| 68 | 10.2 | 9.0 | 13.4 |

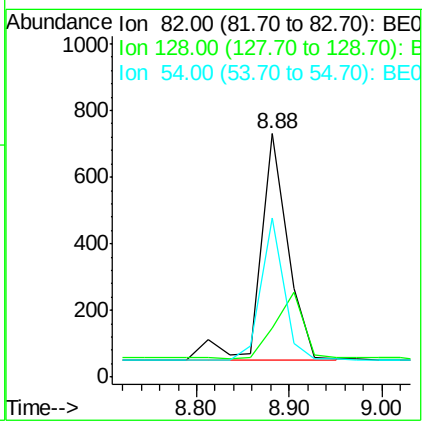


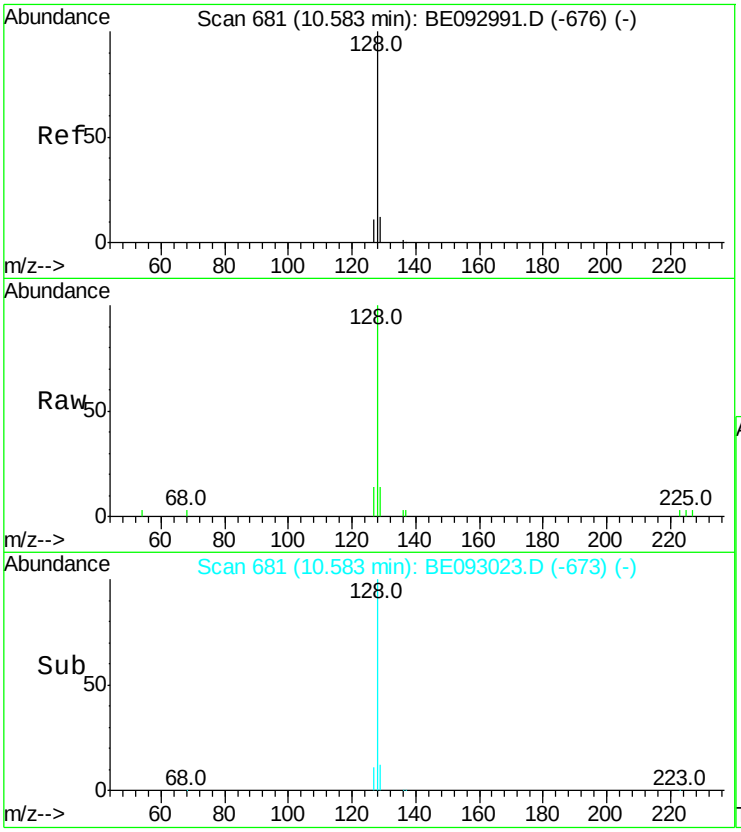




#8
Nitrobenzene-d5
Concen: 0.48 ng
RT: 8.88 min Scan# 604
Delta R.T. -0.02 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

Tgt Ion: 82 Resp: 1364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 20.2 | 17.0 | 25.4 |
| 54 | 65.4 | 53.8 | 80.6 |



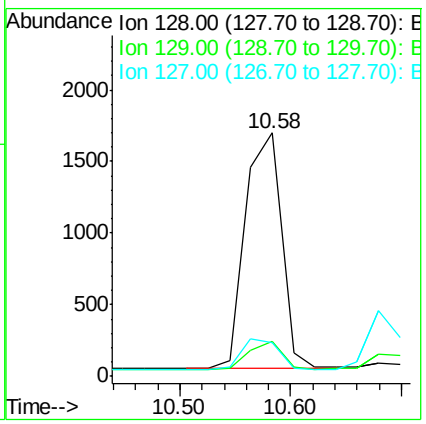


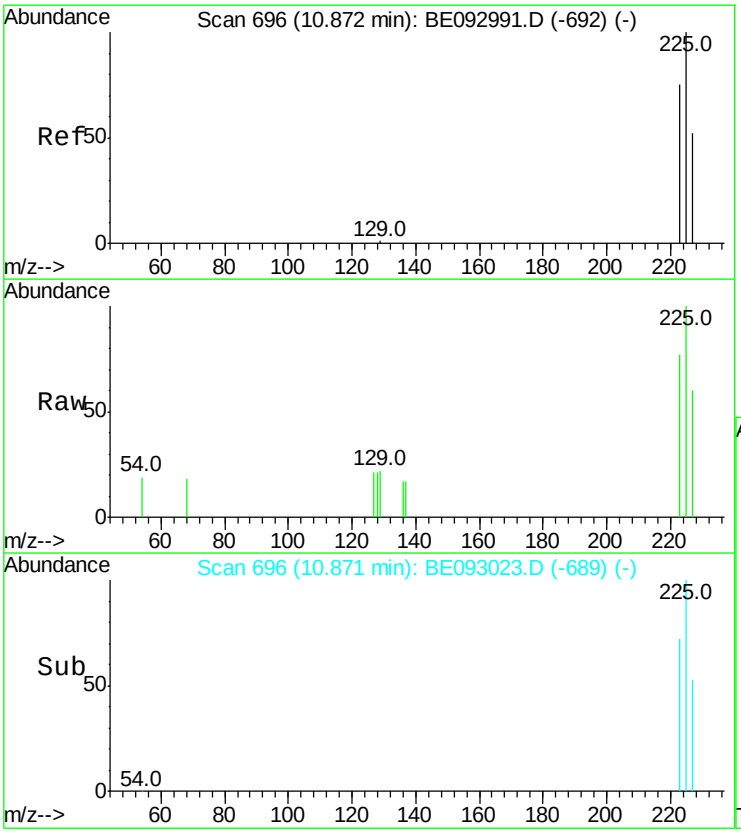

#9
Naphthalene
Concen: 0.38 ng
RT: 10.58 min Scan# 681
Delta R.T. -0.00 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

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

Tgt Ion:128 Resp: 3701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 14.1 | 11.4 | 17.0 |
| 127 | 13.8 | 11.2 | 16.8 |

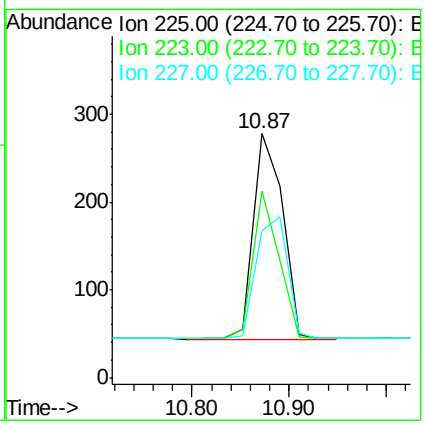


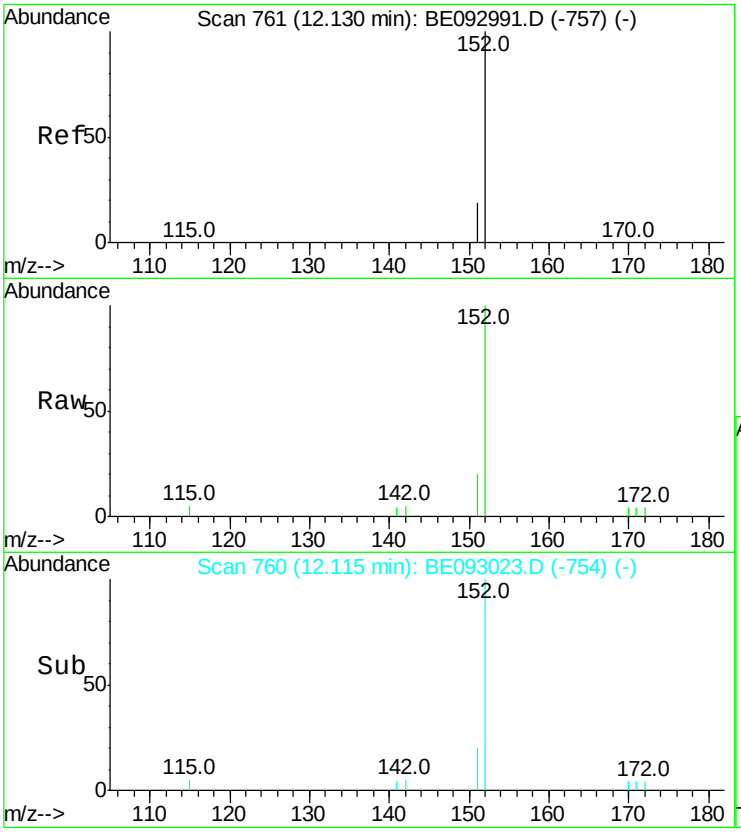




#10
Hexachlorobutadiene
Concen: 0.38 ng
RT: 10.87 min Scan# 696
Delta R.T. -0.02 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

Tgt Ion:225 Resp: 499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.1 | 49.7 | 74.5 |
| 227 | 62.9 | 50.3 | 75.5 |



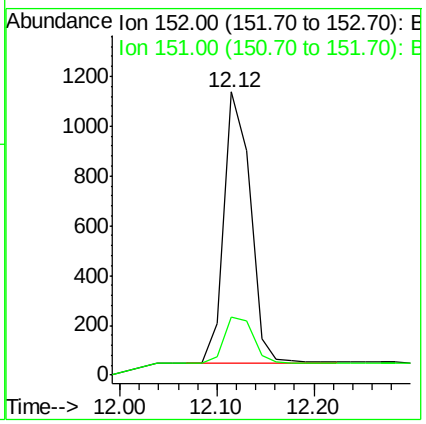


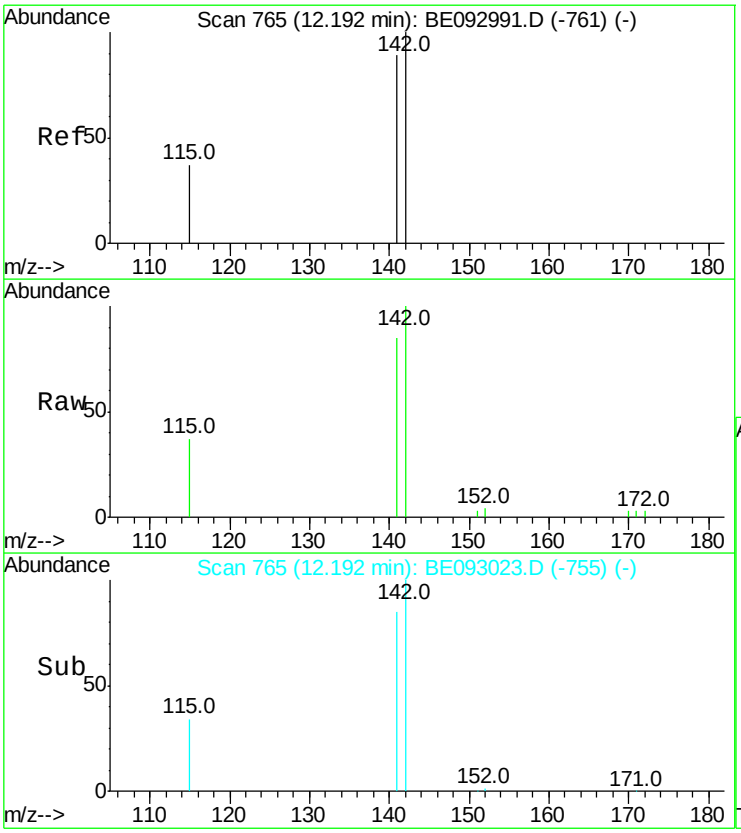

#11
2-Methylnaphthalene-d10
Concen: 0.41 ng
RT: 12.12 min Scan# 760
Delta R.T. -0.02 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

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

Tgt Ion:152 Resp: 2079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.4 | 15.1 | 22.7 |

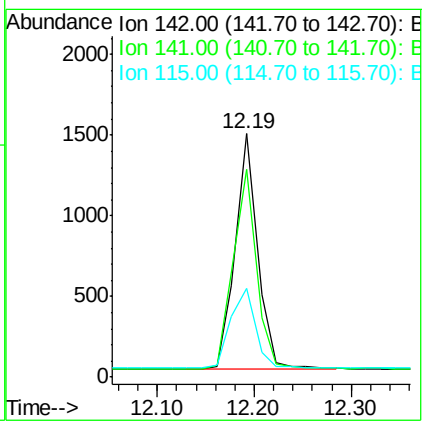


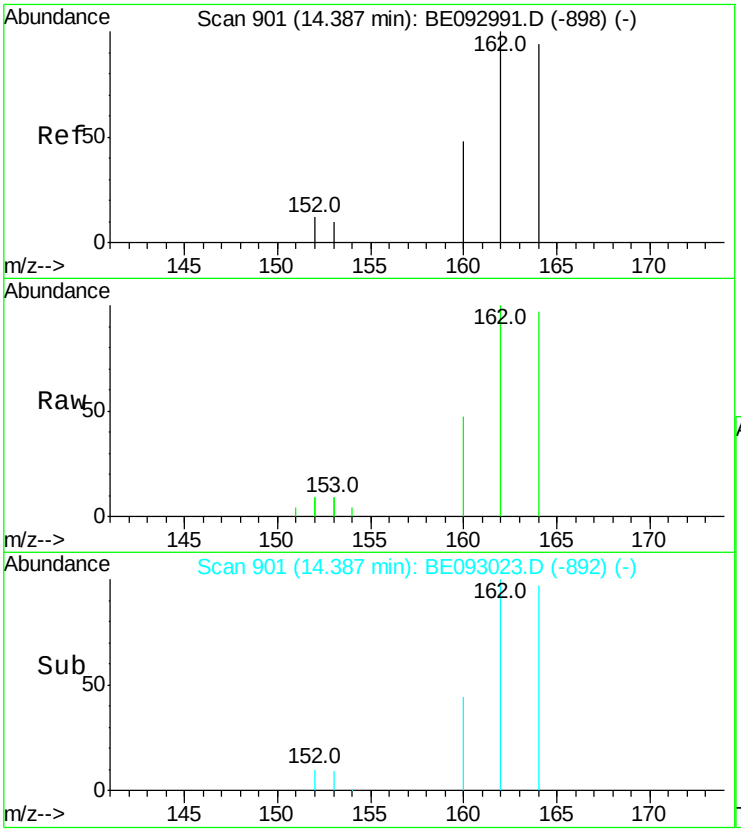




#12
2-Methylnaphthalene
Concen: 0.41 ng
RT: 12.19 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

Tgt Ion:142 Resp: 2339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 85.2 | 72.6 | 108.8 |
| 115 | 36.7 | 32.2 | 48.2 |



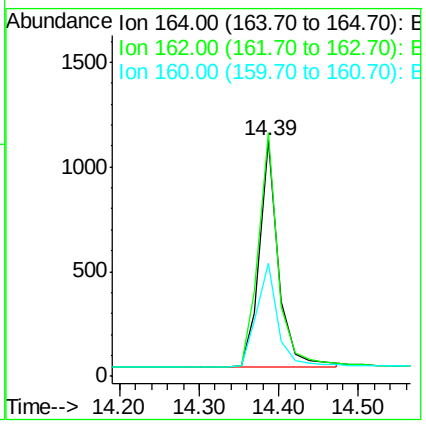


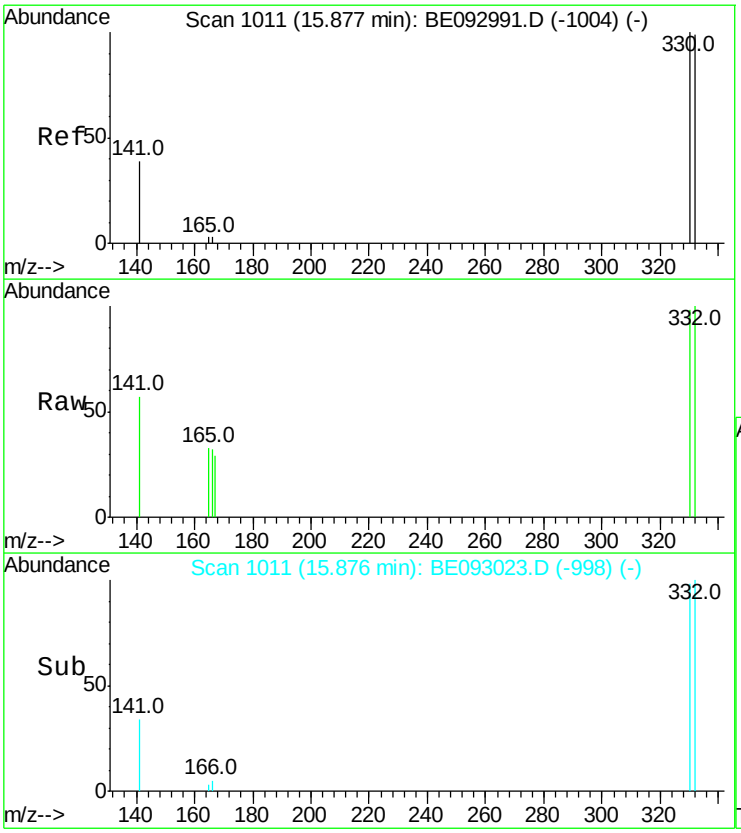

#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

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

Tgt Ion:164 Resp: 1816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.5 | 84.6 | 127.0 |
| 160 | 48.2 | 41.8 | 62.6 |

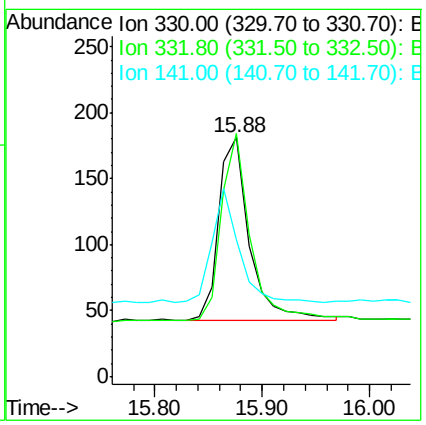


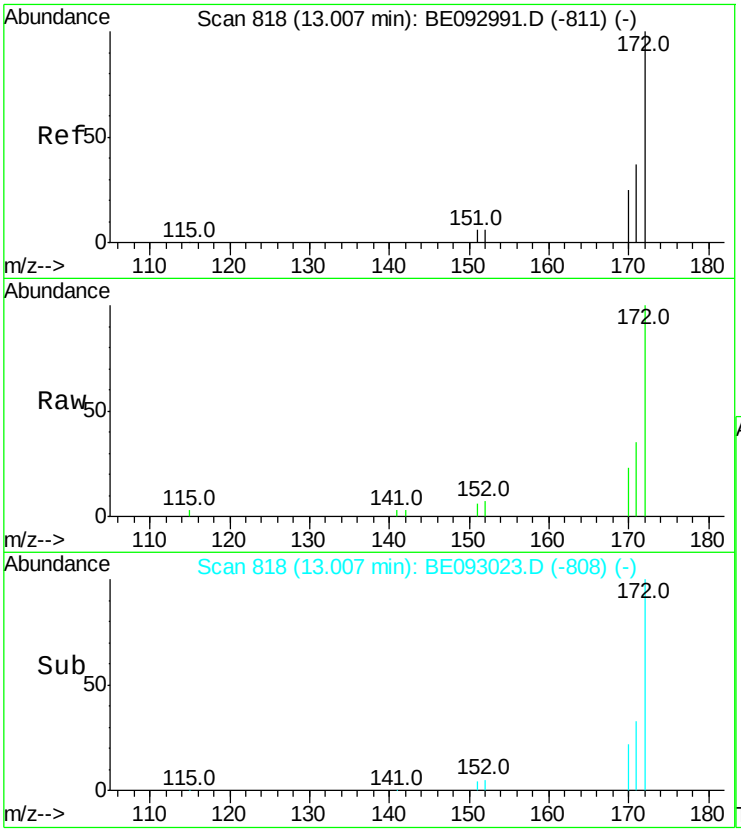




#14
2,4,6-Tribromophenol
Concen: 0.55 ng
RT: 15.88 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

Tgt Ion:330 Resp: 271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.9 | 77.7 | 116.5 |
| 141 | 56.5 | 56.2 | 84.4 |



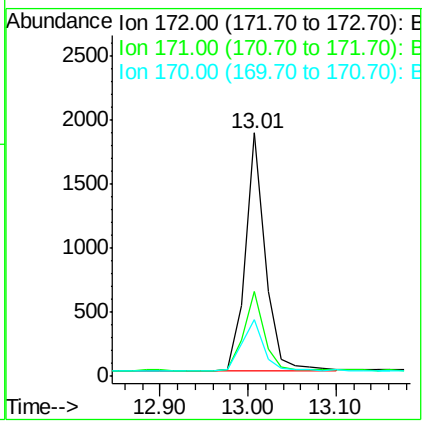


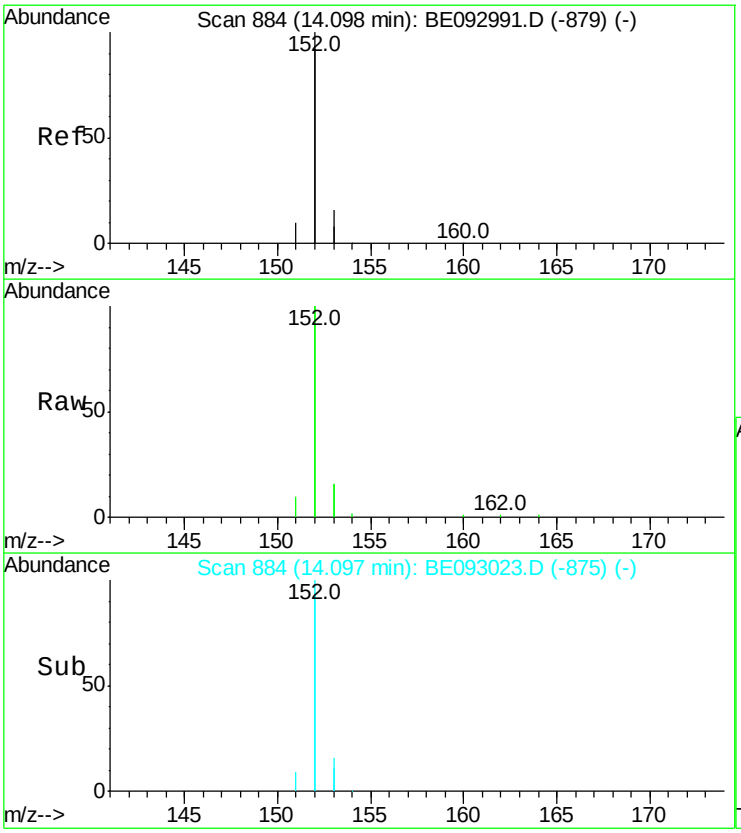

#15
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

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

Tgt Ion:172 Resp: 2923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.9 | 29.8 | 44.6 |
| 170 | 23.5 | 20.7 | 31.1 |

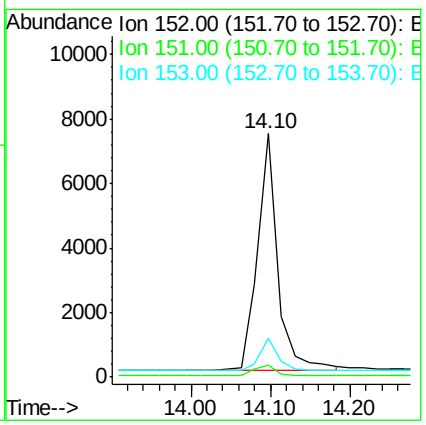


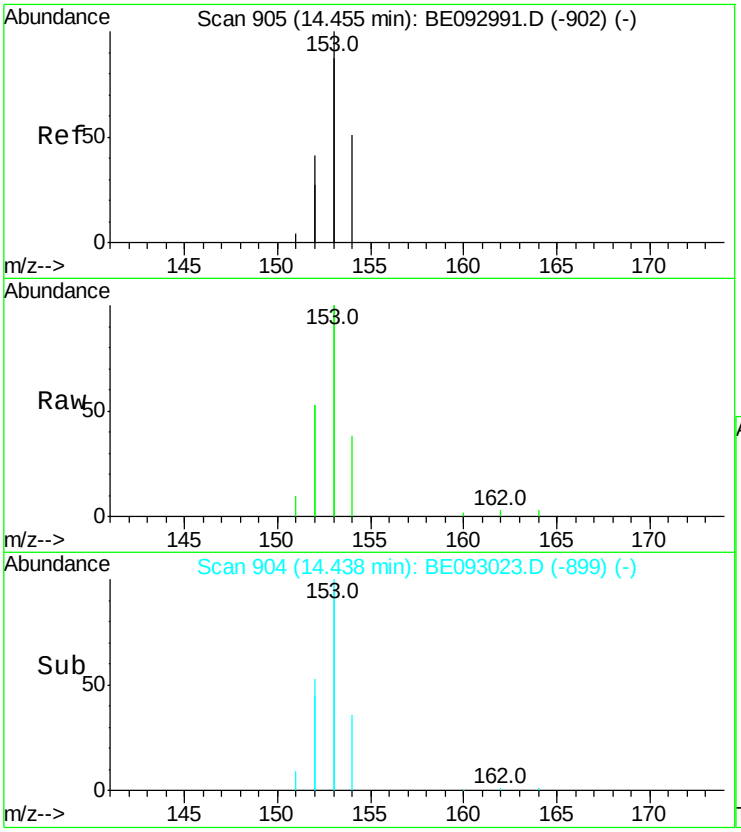




#16
Acenaphthylene
Concen: 0.43 ng
RT: 14.10 min Scan# 884
Delta R.T. -0.00 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

Tgt Ion:152 Resp: 13206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 5.0 | 4.0 | 6.0 |
| 153 | 13.1 | 10.3 | 15.5 |



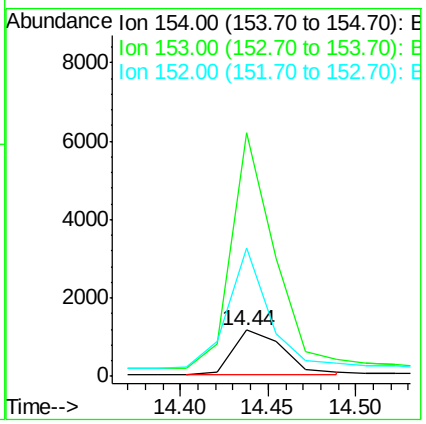


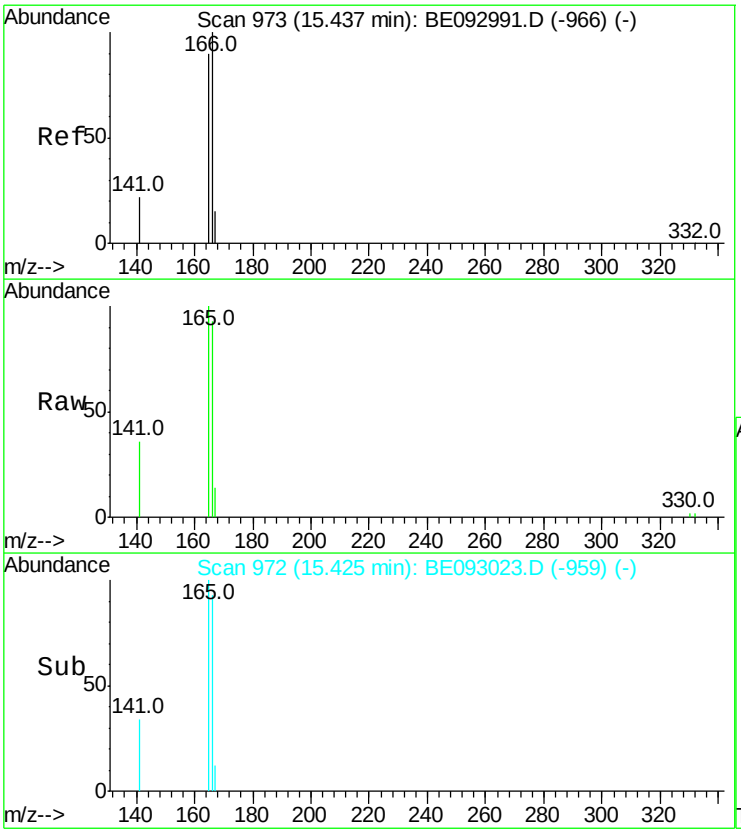

#17
Acenaphthene
Concen: 0.40 ng
RT: 14.44 min Scan# 904
Delta R.T. -0.02 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

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

Tgt Ion:154 Resp: 2242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 461.9 | 367.8 | 551.6 |
| 152 | 223.6 | 188.2 | 282.2 |

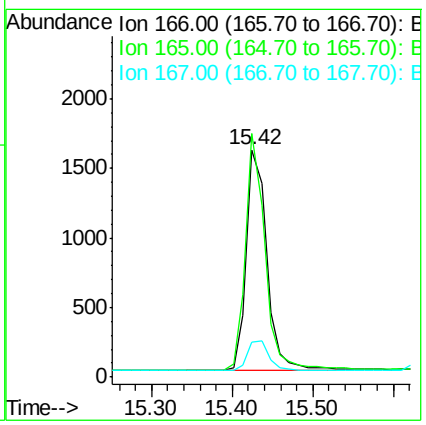


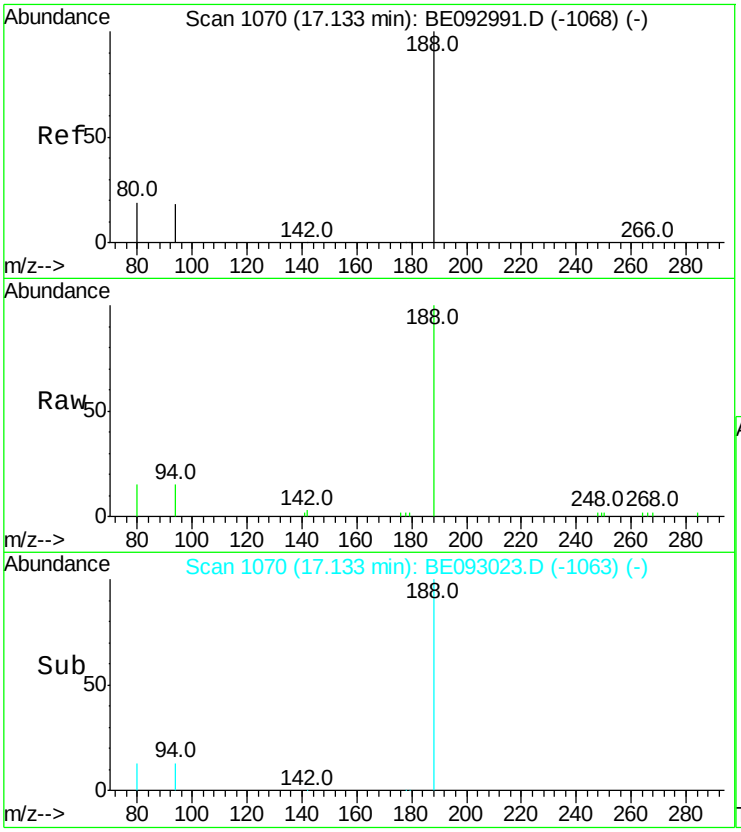




#18
Fluorene
Concen: 0.40 ng
RT: 15.42 min Scan# 972
Delta R.T. -0.00 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

Tgt Ion:166 Resp: 2822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.1 | 78.6 | 117.8 |
| 167 | 14.3 | 11.1 | 16.7 |



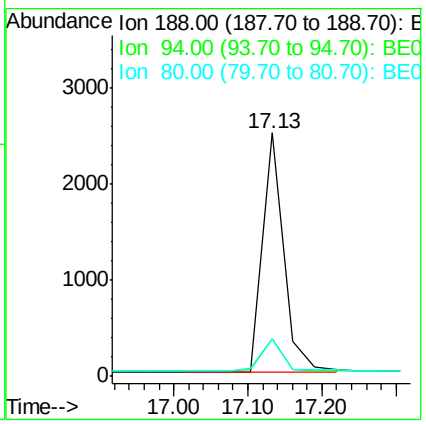


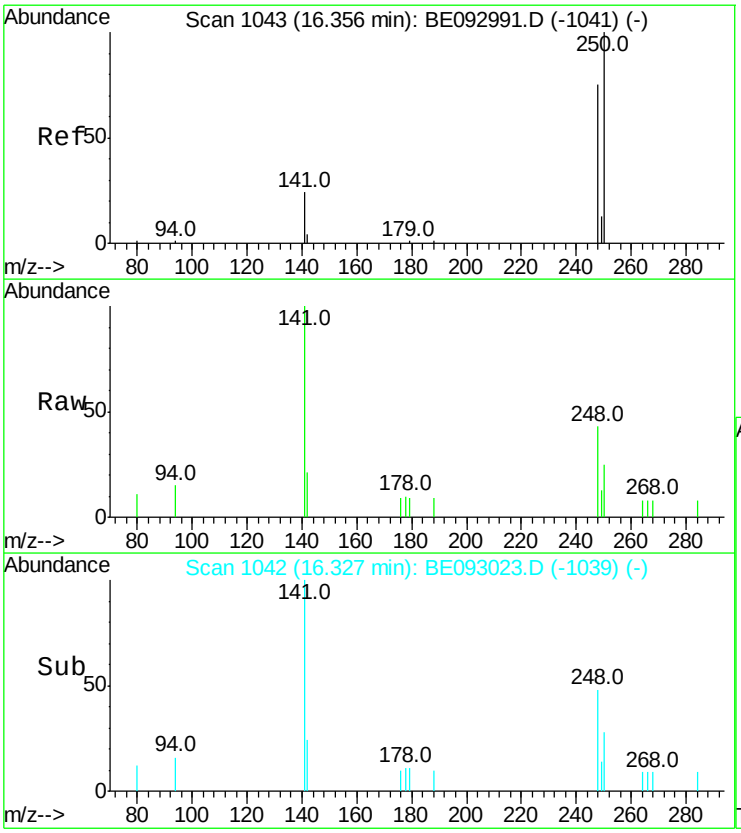

#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

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

Tgt Ion:188 Resp: 4963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 15.2 | 11.3 | 16.9 |
| 80 | 15.4 | 11.7 | 17.5 |

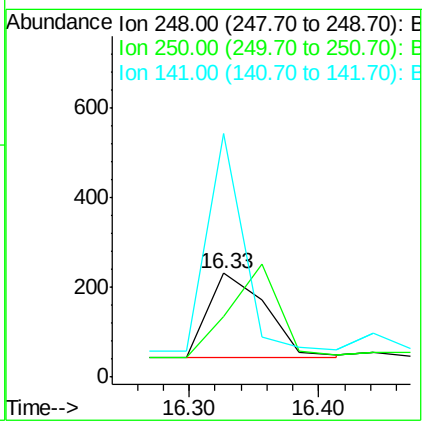


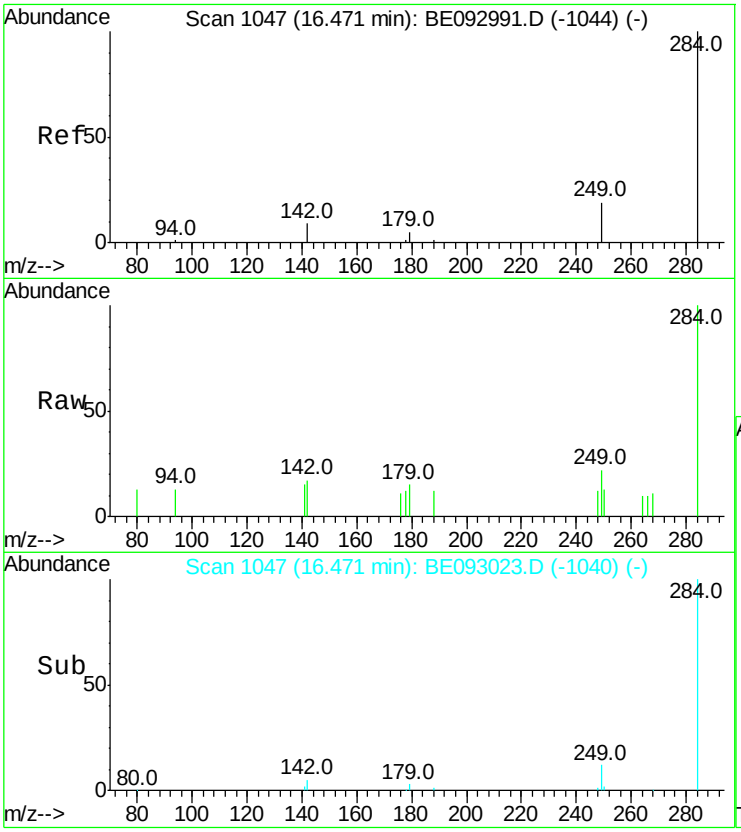




#20
4-Bromophenyl-phenylether
Concen: 0.36 ng
RT: 16.33 min Scan# 1042
Delta R.T. -0.03 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

Tgt Ion:248 Resp: 575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 58.4 | 100.0 | 150.0# |
| 141 | 234.6 | 40.0 | 60.0# |



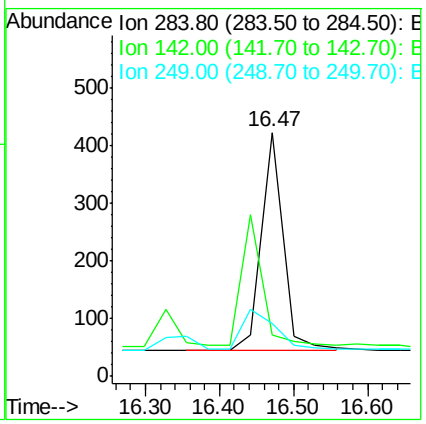


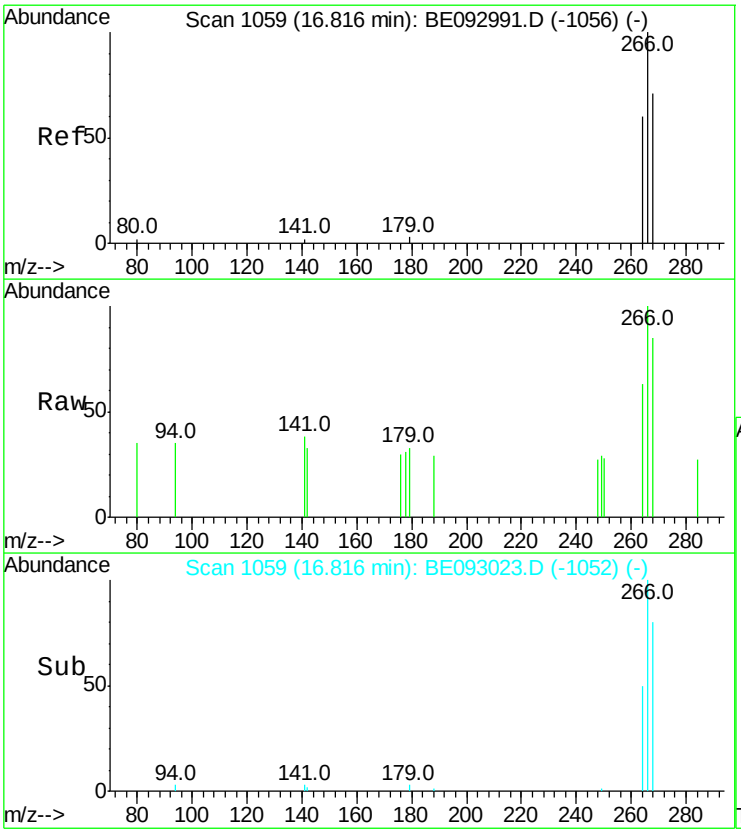

#21
Hexachlorobenzene
Concen: 0.30 ng
RT: 16.47 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

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

Tgt Ion:284 Resp: 772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 0.0 | 0.0 | 0.0 |
| 249 | 0.0 | 0.0 | 0.0 |

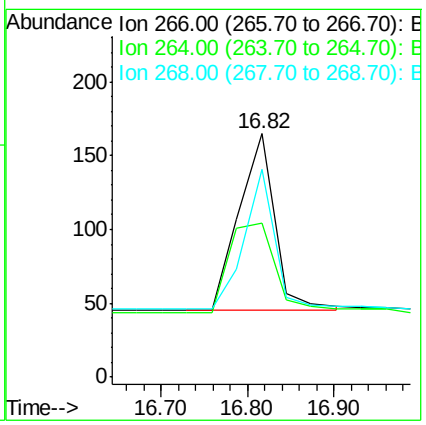


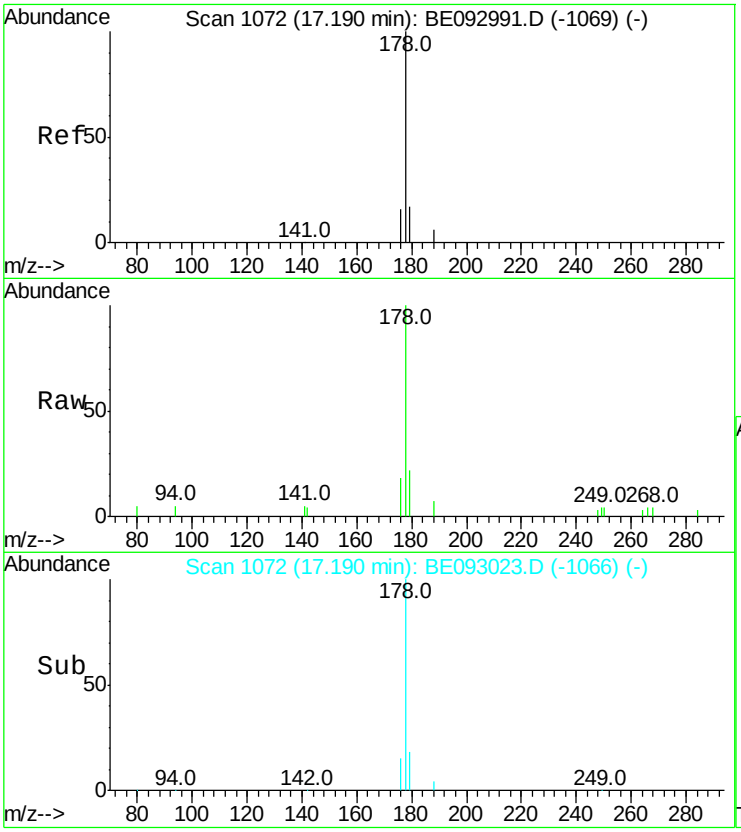




#22
Pentachlorophenol
Concen: 0.63 ng
RT: 16.82 min Scan# 1059
Delta R.T. 0.01 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

Tgt Ion:266 Resp: 349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 63.0 | 58.2 | 87.2 |
| 268 | 85.5 | 71.9 | 107.9 |



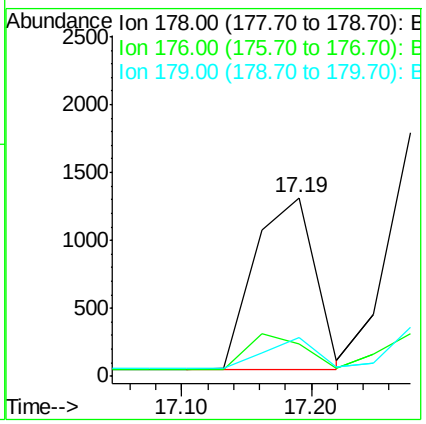


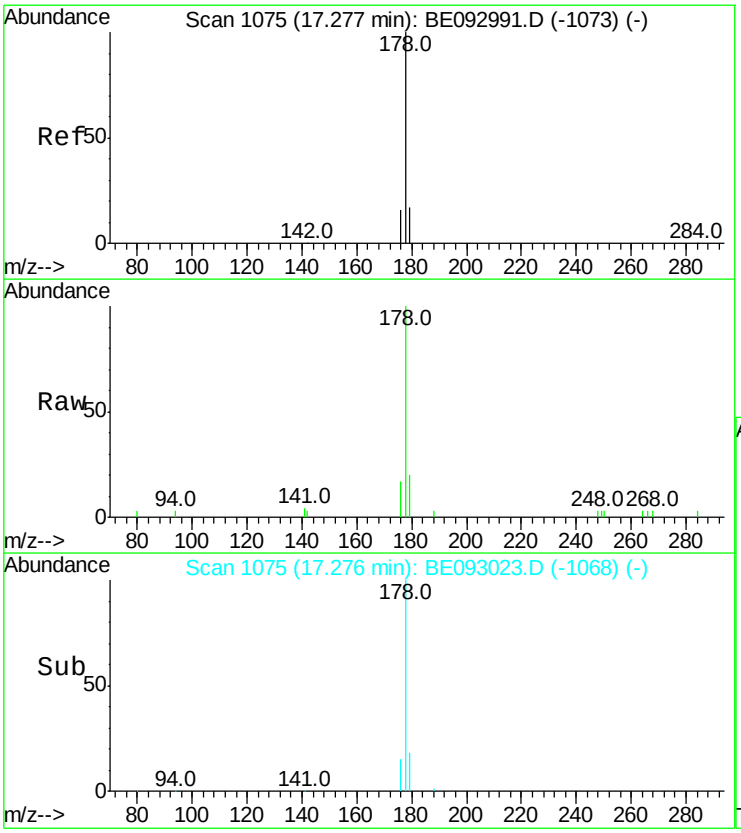

#23
Phenanthrene
Concen: 0.35 ng
RT: 17.19 min Scan# 1072
Delta R.T. 0.01 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

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

Tgt Ion:178 Resp: 4064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 0.0 | 15.0 | 22.4# |
| 179 | 15.4 | 12.7 | 19.1 |

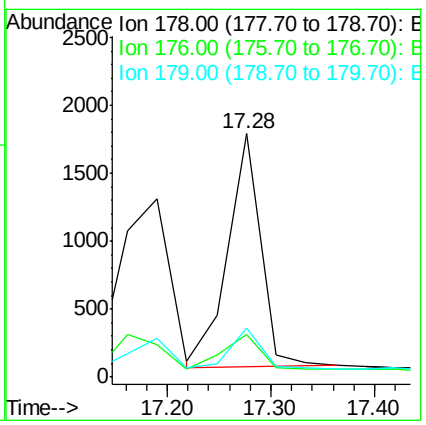


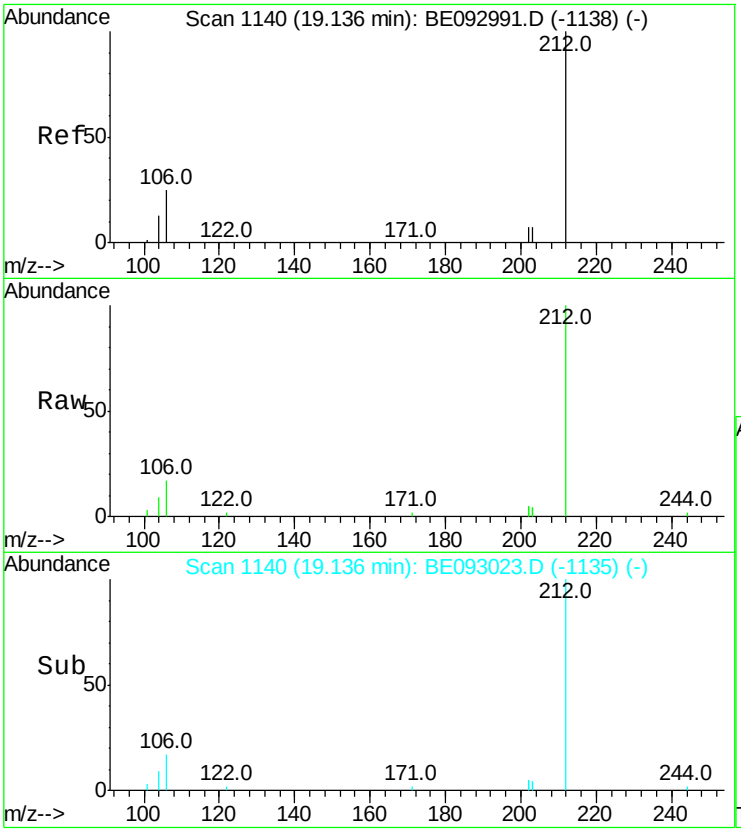




#24
Anthracene
Concen: 0.37 ng
RT: 17.28 min Scan# 1075
Delta R.T. 0.00 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

Tgt Ion:178 Resp: 3841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 17.4 | 14.6 | 22.0 |
| 179 | 16.5 | 12.0 | 18.0 |



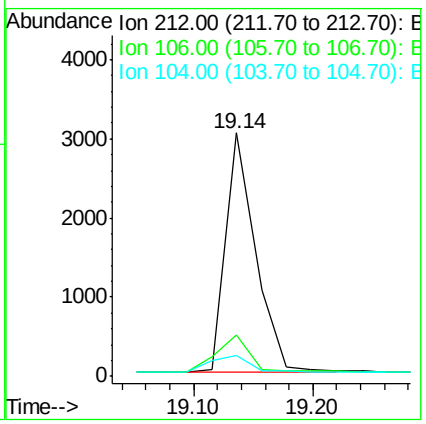


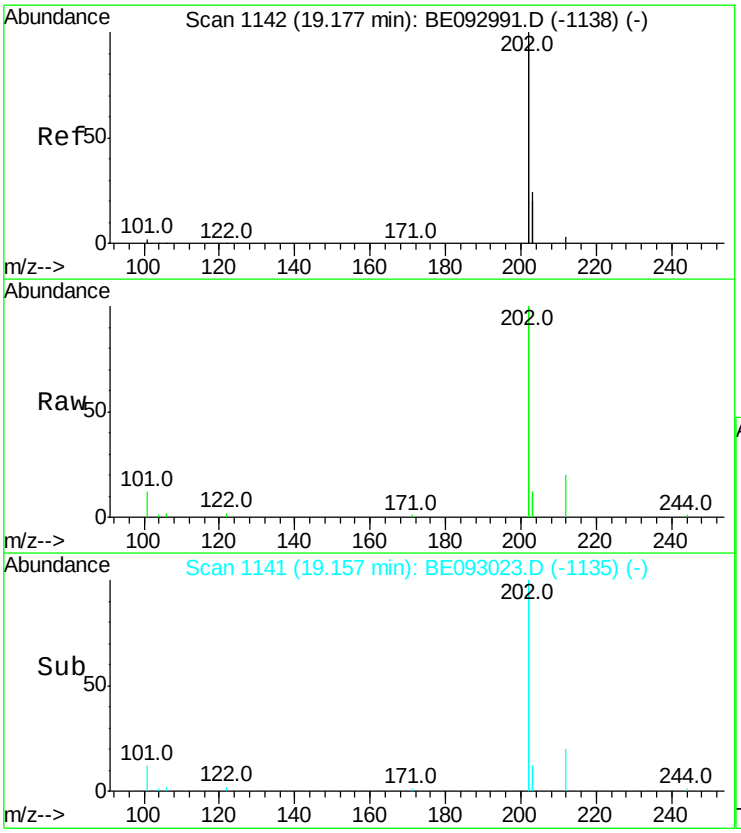

#25
Fluoranthene-d10
Concen: 0.40 ng
RT: 19.14 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

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

Tgt Ion:212 Resp: 5270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 16.1 | 0.0 | 0.0# |
| 104 | 8.7 | 0.0 | 0.0# |

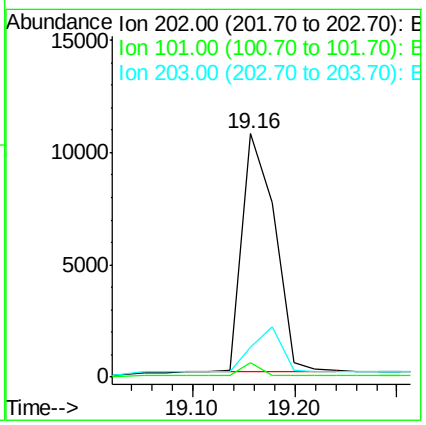


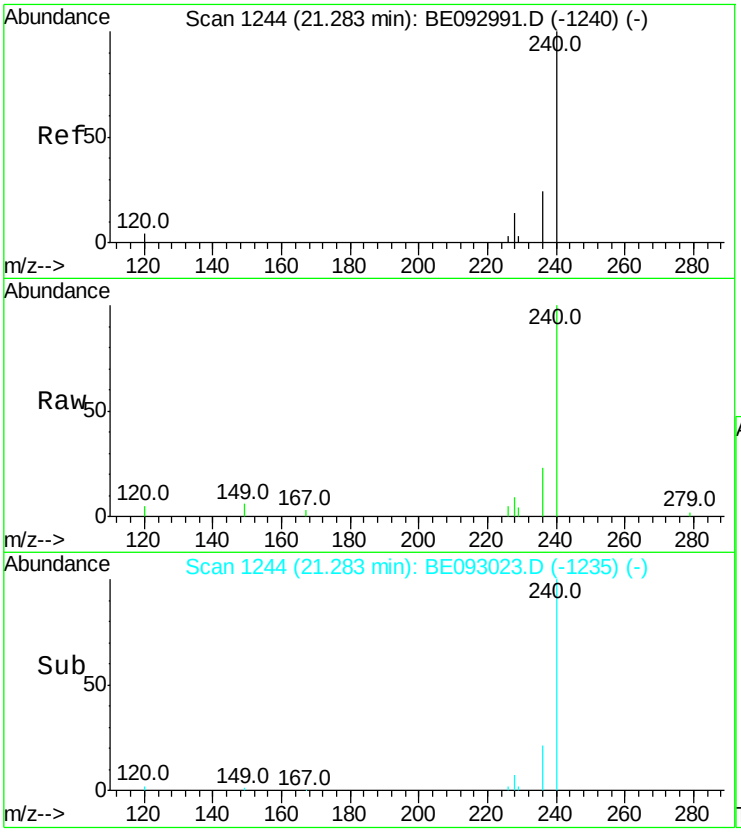




#26
Fluoranthene
Concen: 0.37 ng
RT: 19.16 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

Tgt Ion:202 Resp: 23642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 3.9 | 0.0 | 0.0# |
| 203 | 0.0 | 14.4 | 21.6# |



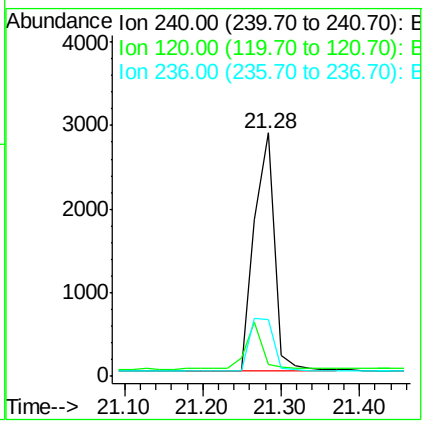


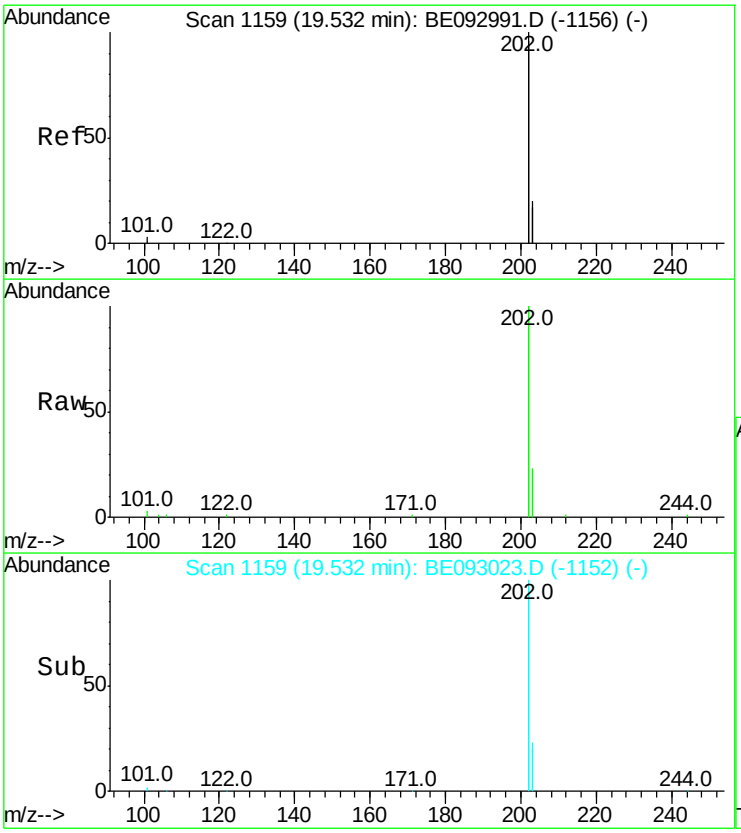

#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

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

Tgt Ion:240 Resp: 5208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 4.9 | 4.6 | 7.0 |
| 236 | 23.1 | 20.8 | 31.2 |

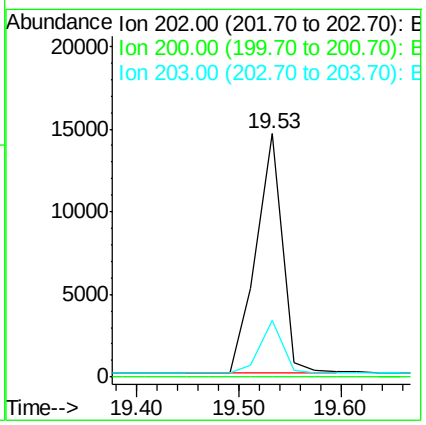


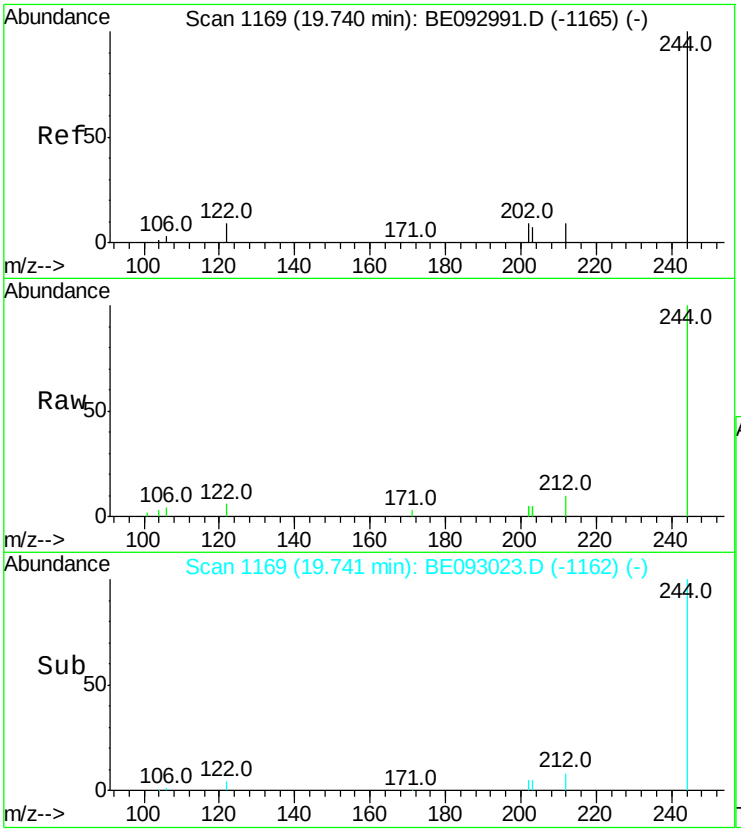




#28
Pyrene
Concen: 0.39 ng
RT: 19.53 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

Tgt Ion:202 Resp: 25600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 0.0 | 0.0 | 0.0 |
| 203 | 18.9 | 13.7 | 20.5 |



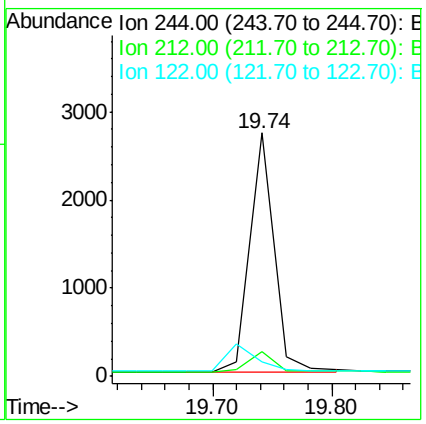


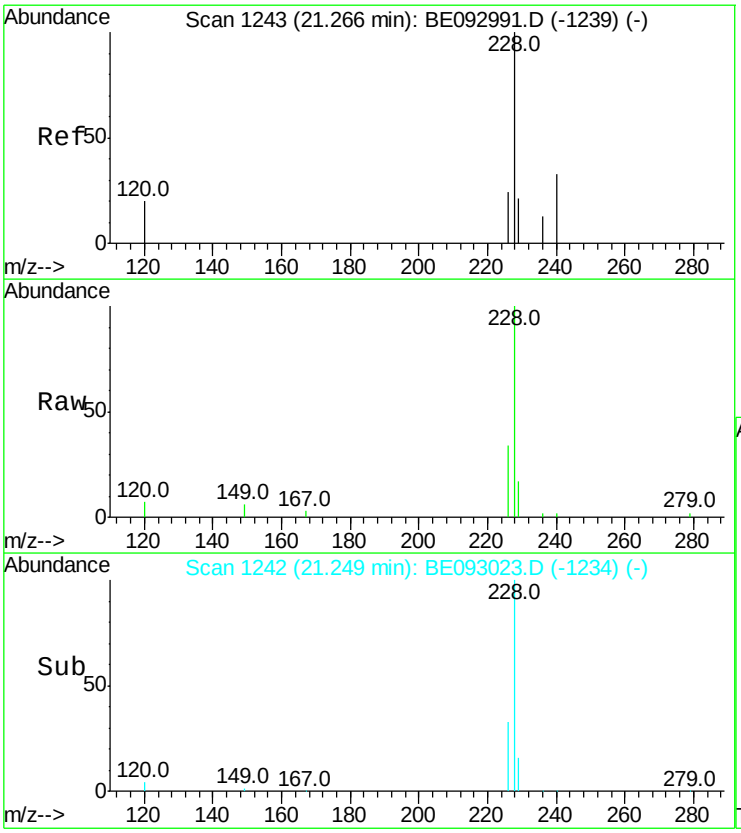

#29
Terphenyl-d14
Concen: 0.41 ng
RT: 19.74 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

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

Tgt Ion:244 Resp: 3821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 10.0 | 10.6 | 16.0# |
| 122 | 6.1 | 15.4 | 23.0# |

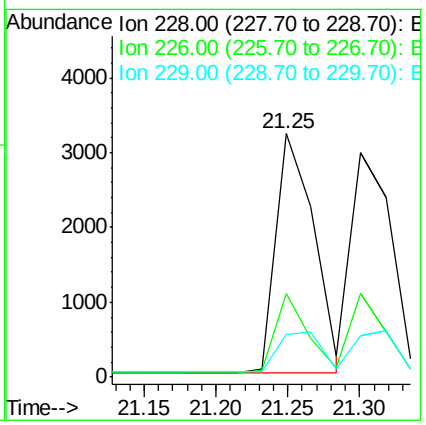


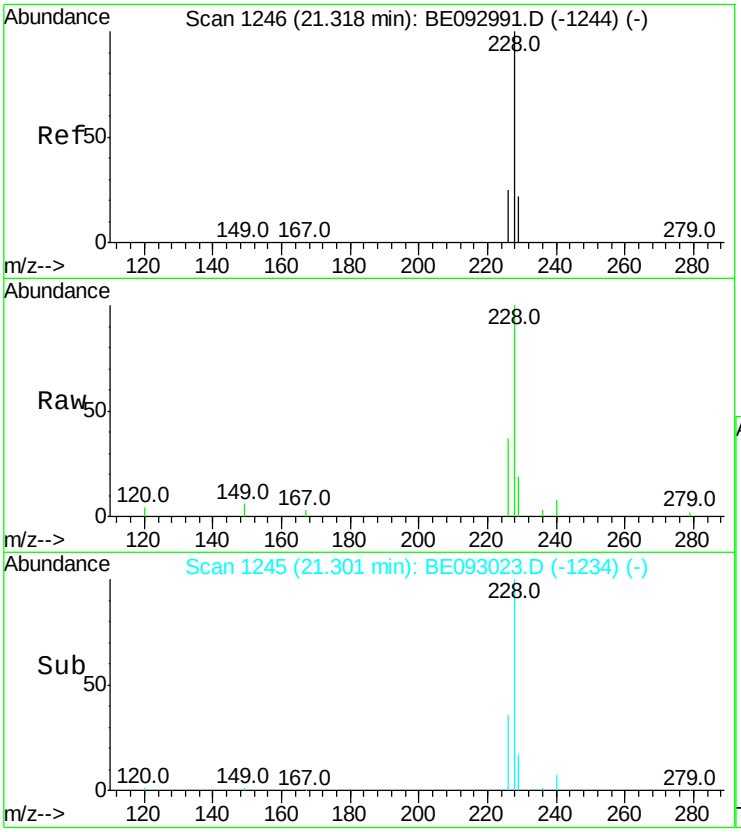




#30
Benzo(a)anthracene
Concen: 0.46 ng
RT: 21.25 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

Tgt Ion:228 Resp: 5887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 34.1 | 19.7 | 29.5# |
| 229 | 17.5 | 19.2 | 28.8# |



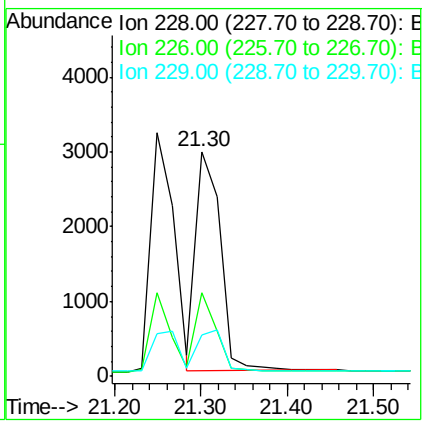


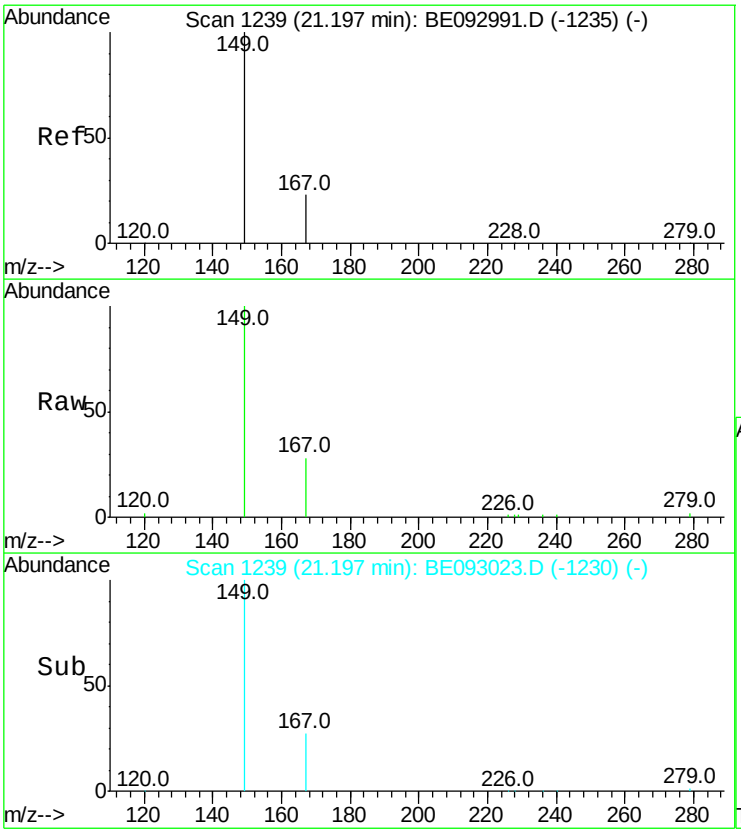

#31
Chrysene
Concen: 0.36 ng
RT: 21.30 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

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

Tgt Ion:228 Resp: 5815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 37.3 | 21.5 | 32.3# |
| 229 | 18.6 | 18.6 | 28.0# |

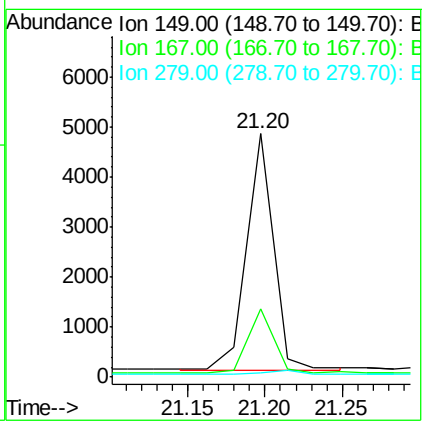


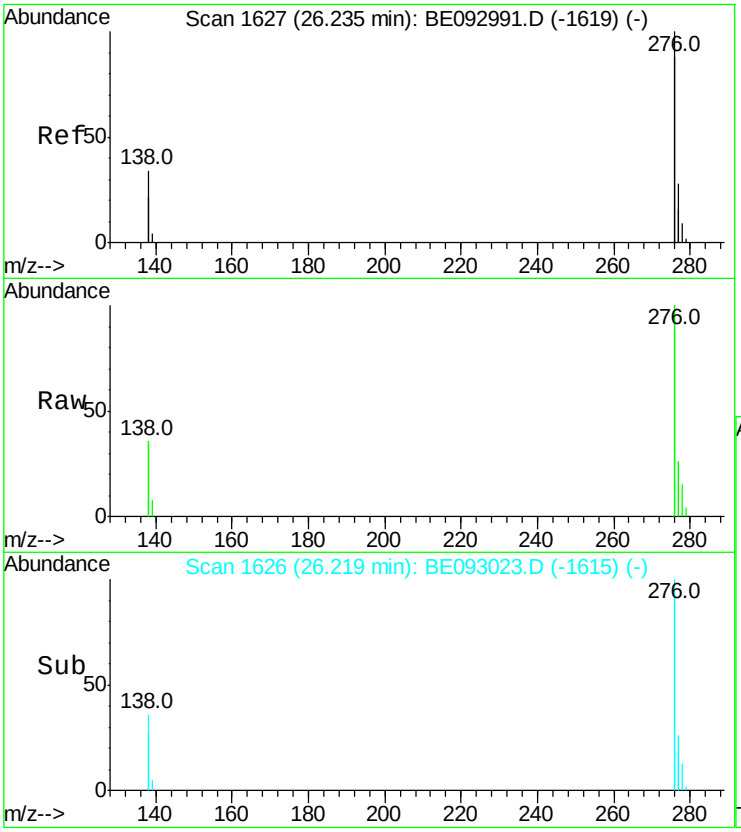




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.99 ng m
RT: 21.20 min Scan# 1239
Delta R.T. -0.00 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

Tgt Ion:149 Resp: 5742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.8 | 20.1 | 30.1 |
| 279 | 2.5 | 2.2 | 3.4 |



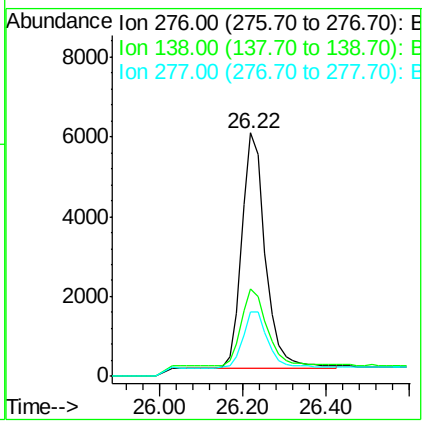


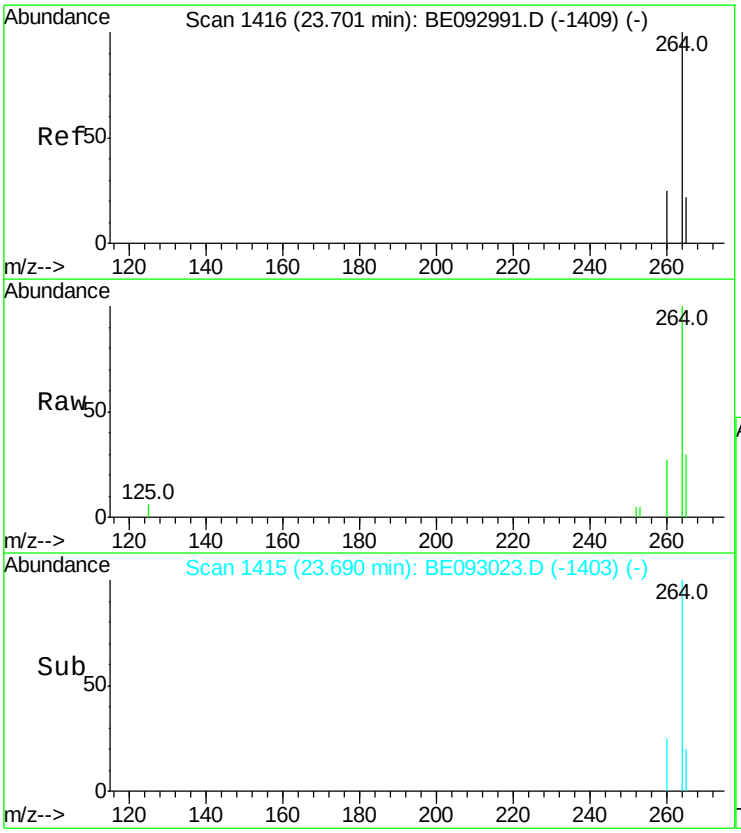

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.46 ng
RT: 26.22 min Scan# 1626
Delta R.T. -0.02 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

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

Tgt Ion:276 Resp: 23436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 35.2 | 27.4 | 41.2 |
| 277 | 25.0 | 20.1 | 30.1 |

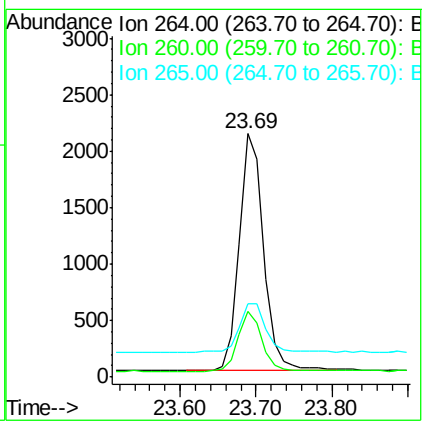


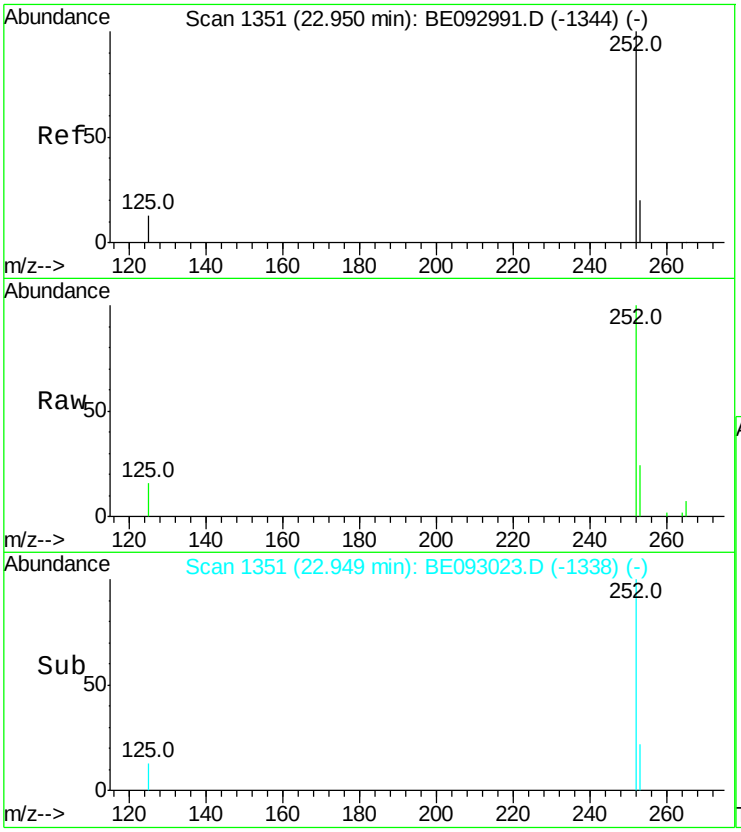




#34
Perylene-d12
Concen: 0.40 ng
RT: 23.69 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

Tgt Ion:264 Resp: 4681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 27.1 | 21.0 | 31.4 |
| 265 | 30.1 | 24.6 | 36.8 |



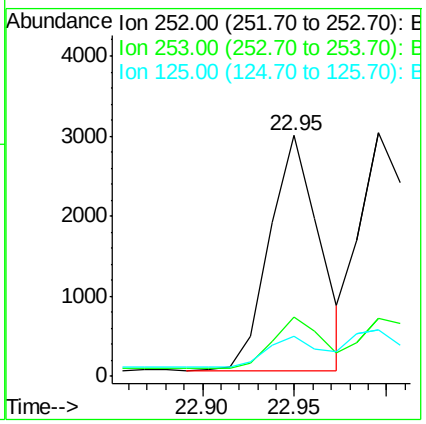


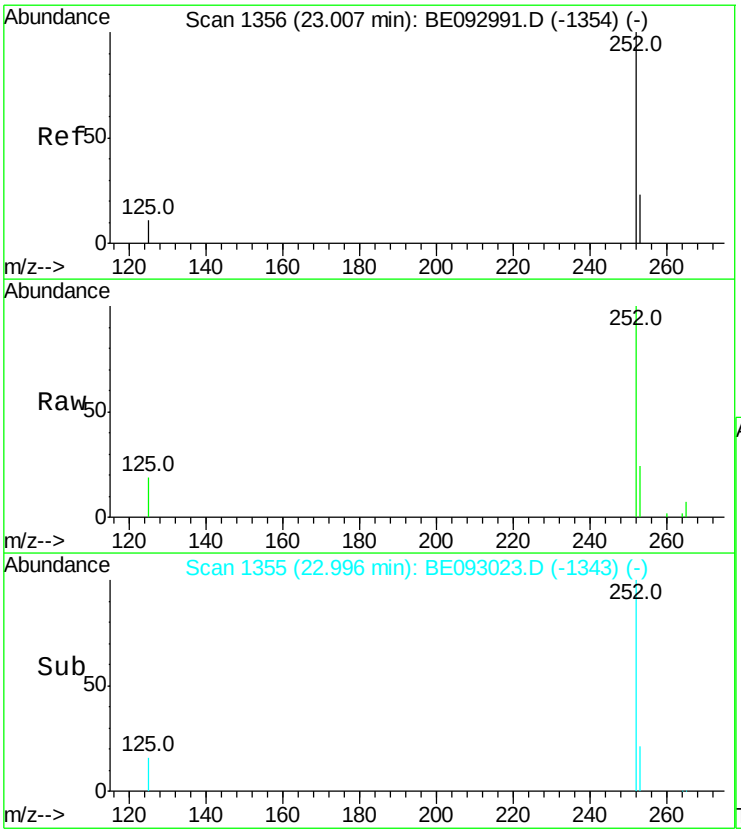

#35
Benzo(b)fluoranthene
Concen: 0.37 ng
RT: 22.95 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

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

Tgt Ion:252 Resp: 5514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.5 | 18.5 | 27.7 |
| 125 | 16.4 | 13.4 | 20.0 |

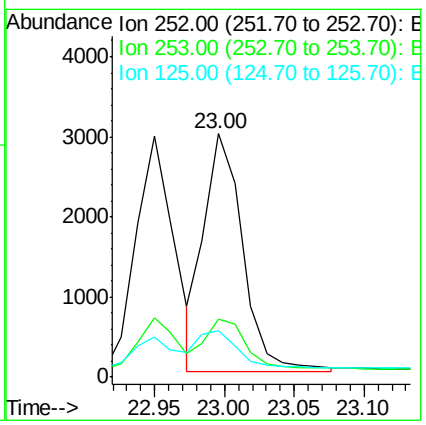


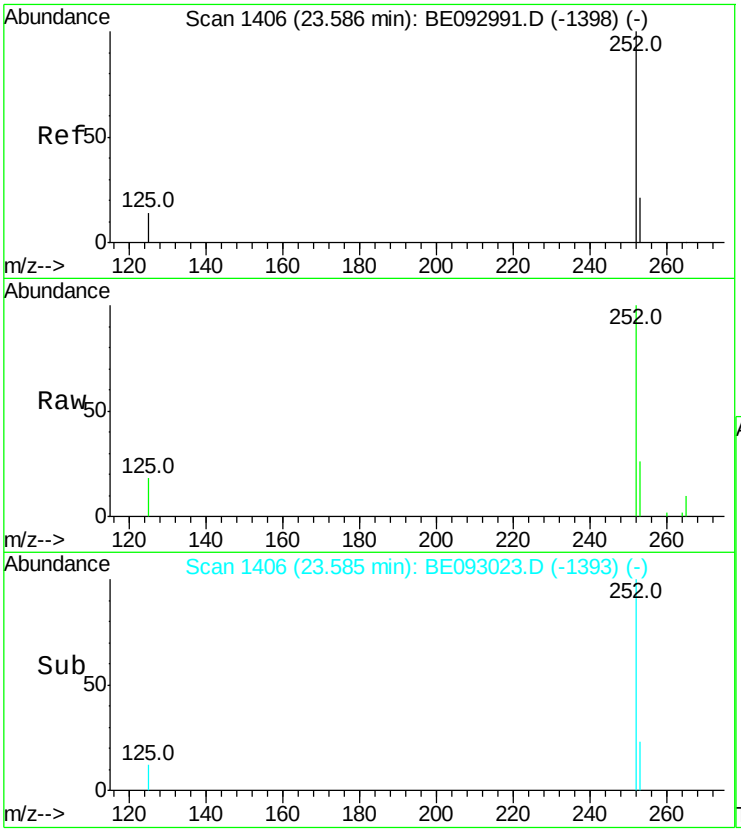




#36
Benzo(k)fluoranthene
Concen: 0.38 ng m
RT: 23.00 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

Tgt Ion:252 Resp: 5706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.1 | 20.3 | 30.5 |
| 125 | 19.1 | 12.2 | 18.4# |



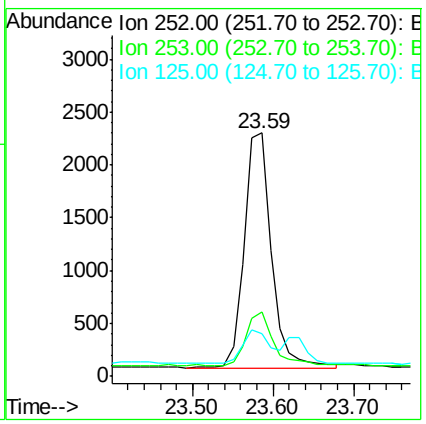


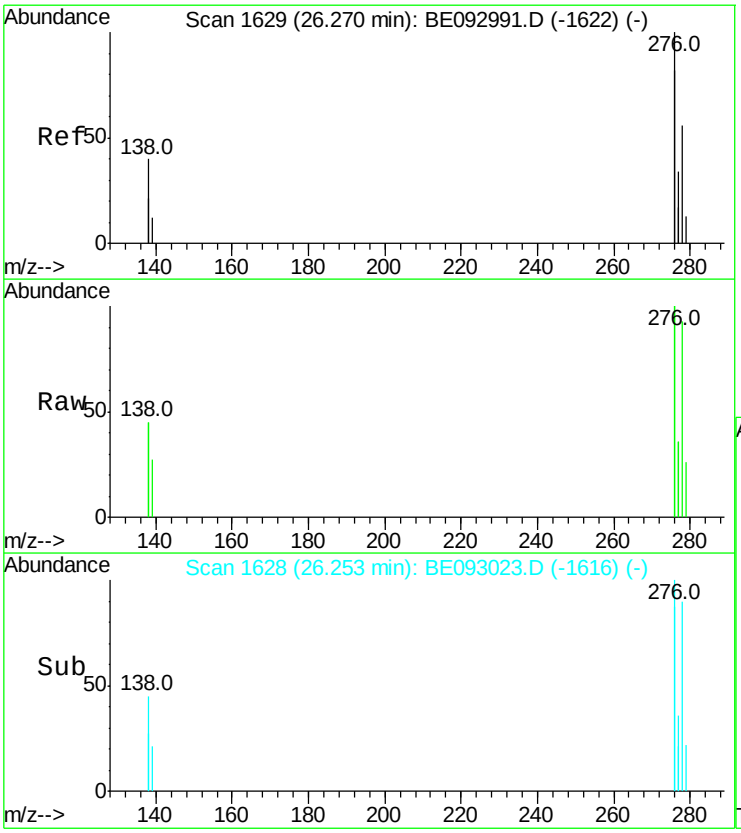

#37
Benzo(a)pyrene
Concen: 0.40 ng
RT: 23.59 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

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

Tgt Ion:252 Resp: 5200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 26.3 | 19.9 | 29.9 |
| 125 | 17.8 | 14.6 | 21.8 |

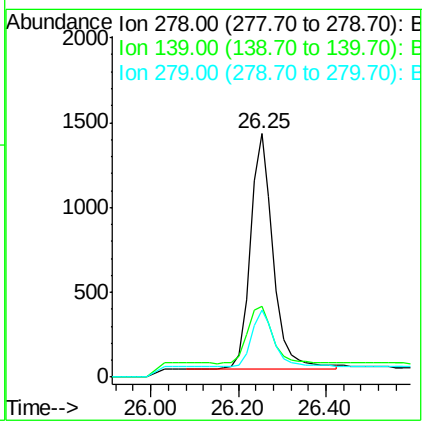


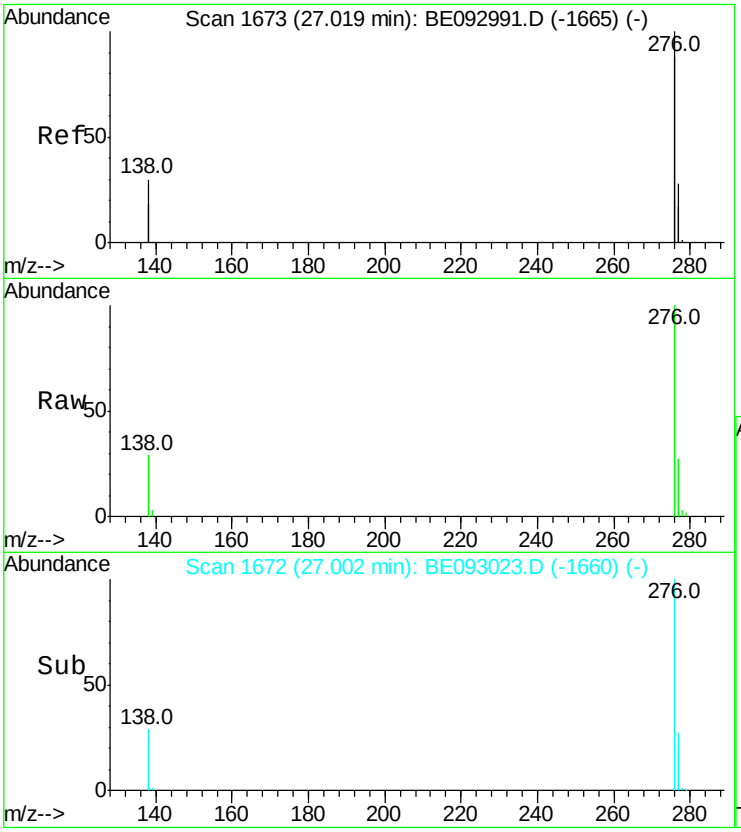




#38
Dibenzo(a,h)anthracene
Concen: 0.42 ng
RT: 26.25 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

Tgt Ion:278 Resp: 5015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 28.9 | 21.4 | 32.0 |
| 279 | 27.6 | 22.2 | 33.2 |






#39
Benzo(g,h,i)perylene
Concen: 0.38 ng
RT: 27.00 min Scan# 1672
Delta R.T. 0.00 min
Lab File: BE093023.D
Acq: 12 May 2017 18:15

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

Tgt Ion:276 Resp: 20694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 27.1 | 21.2 | 31.8 |
| 138 | 29.3 | 24.5 | 36.7 |