Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE091317\
Data File : BE093994.D
Acq On : 13 Sep 2017 18:09
Operator : SJ/JU
Sample : I5167-20MS
Misc :
ALS Vial : 15 Sample Multiplier: 2

**Instrument :** BNA_E
**ClientSampleId :** C19013061MS

Quant Time: Sep 14 00:55:15 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 13:34:56 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.92 | 152 | 3466 | 0.80 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.71 | 136 | 19574 | 0.80 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.51 | 164 | 16576 | 0.80 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.24 | 188 | 44612 | 0.80 | ng | | -0.03 |
| 27) Chrysene-d12 | 21.42 | 240 | 37735 | 0.80 | ng | | -0.01 |
| 34) Perylene-d12 | 23.93 | 264 | 27705 | 0.80 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.53 | 112 | 1076 | 0.19 | ng | | 0.00 |
| 5) Phenol-d6 | 7.11 | 99 | 956 | 0.11 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.06 | 82 | 3271 | 0.40 | ng | | -0.02 |
| 11) 2-Methylnaphthalene-d10 | 12.28 | 152 | 5843 | 0.37 | ng | | -0.02 |
| 14) 2,4,6-Tribromophenol | 16.00 | 330 | 1633 | 0.64 | ng | | -0.03 |
| 15) 2-Fluorobiphenyl | 13.15 | 172 | 9469 | 0.29 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 19.27 | 212 | 63302 | 0.19 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.86 | 244 | 12763 | 0.37 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.44 | 88 | 767 | 0.321 | ng | # | 14 |
| 3) n-Nitrosodimethylamine | 3.74 | 42 | 658 | 0.235 | ng | # | 67 |
| 6) bis(2-Chloroethyl)ether | 7.34 | 93 | 2570 | 0.374 | ng | | 99 |
| 9) Naphthalene | 10.74 | 128 | 79430 | 0.708 | ng | # | 92 |
| 10) Hexachlorobutadiene | 11.02 | 225 | 1228 | 0.301 | ng | | 96 |
| 12) 2-Methylnaphthalene | 12.35 | 142 | 19703 | 1.057 | ng | | 98 |
| 16) Acenaphthylene | 14.24 | 152 | 25952 | 0.627 | ng | # | 37 |
| 17) Acenaphthene | 14.58 | 154 | 36361 | 1.301 | ng | # | 84 |
| 18) Fluorene | 15.56 | 166 | 85893 | 2.382 | ng | # | 89 |
| 21) Hexachlorobenzene | 16.55 | 284 | 1441 | 0.109 | ng | # | 100 |
| 22) Pentachlorophenol | 16.91 | 266 | 2179 | 0.616 | ng | # | 86 |
| 23) Phenanthrene | 17.27 | 178 | 91867 | 1.429 | ng | # | 94 |
| 24) Anthracene | 17.37 | 178 | 29619 | 0.436 | ng | # | 99 |
| 26) Fluoranthene | 19.30 | 202 | 17119 | 0.172 | ng | | 99 |
| 28) Pyrene | 19.67 | 202 | 17961 | 0.277 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.39 | 228 | 14999 | 0.259 | ng | | 97 |
| 31) Chrysene | 21.45 | 228 | 15357 | 0.250 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.29 | 149 | 51380 | 0.365 | ng | | 97 |
| 33) Indeno(1,2,3-cd)pyrene | 26.60 | 276 | 8306 | 0.203 | ng | | 96 |
| 35) Benzo(b)fluoranthene | 23.16 | 252 | 11624 | 0.263 | ng | | 98 |
| 36) Benzo(k)fluoranthene | 23.21 | 252 | 14305 | 0.265 | ng | | 97 |
| 37) Benzo(a)pyrene | 23.82 | 252 | 11532 | 0.257 | ng | | 95 |
| 38) Dibenzo(a,h)anthracene | 26.61 | 278 | 6542 | 0.220 | ng | # | 91 |
| 39) Benzo(g,h,i)perylene | 27.42 | 276 | 7275 | 0.232 | ng | | 99 |

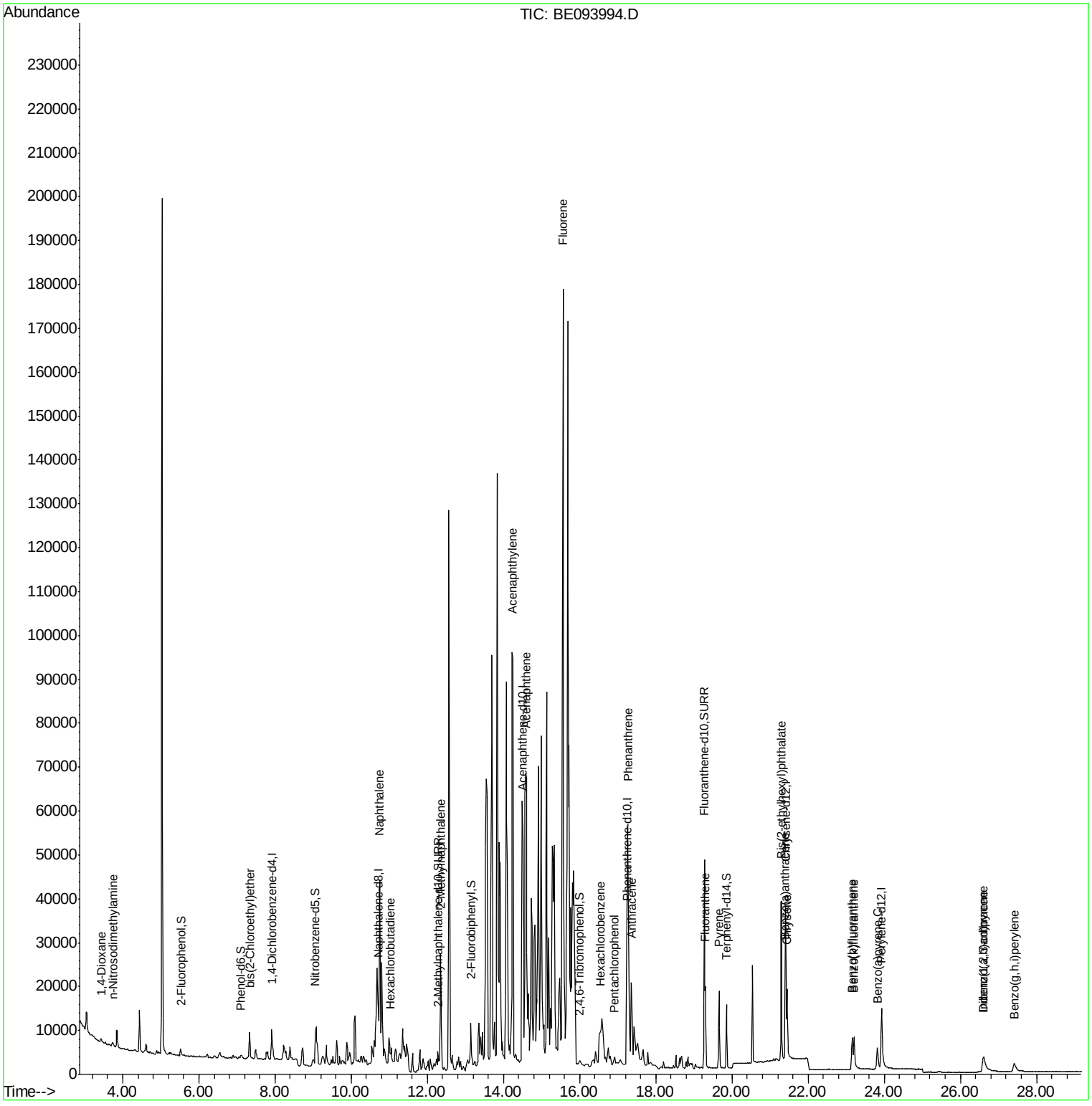
(#) = qualifier out of range (m) = manual integration (+) = signals summed

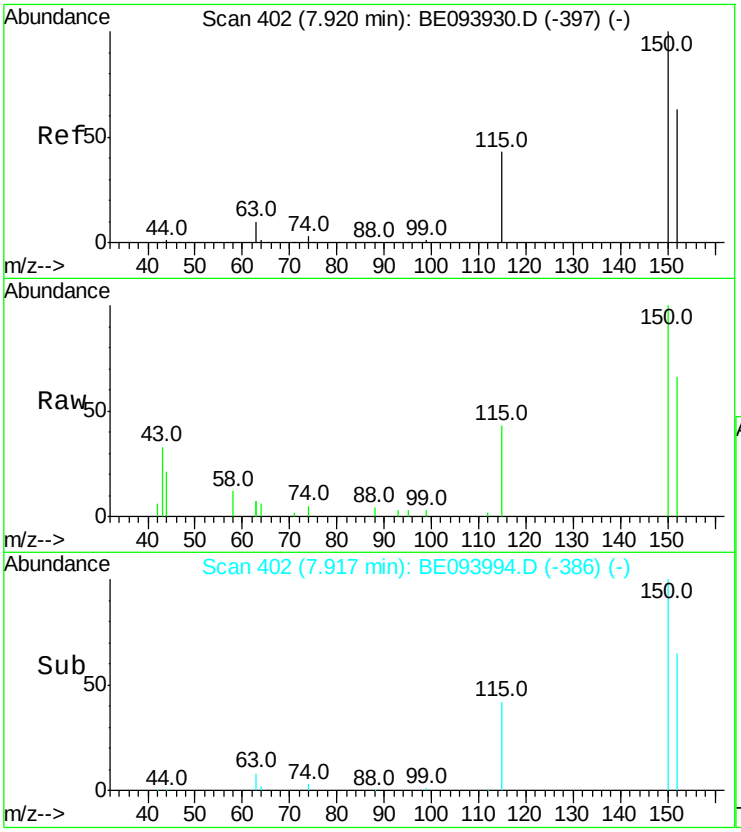
Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE091317\
Data File : BE093994.D
Acq On : 13 Sep 2017 18:09
Operator : SJ/JU
Sample : I5167-20MS
Misc :
ALS Vial : 15 Sample Multiplier: 2

**Instrument :**
BNA_E
**ClientSampleId :**
C19013061MS

Quant Time: Sep 14 00:55:15 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 13:34:56 2017
Response via : Initial Calibration



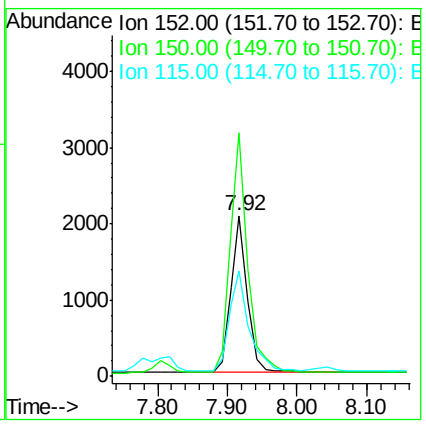


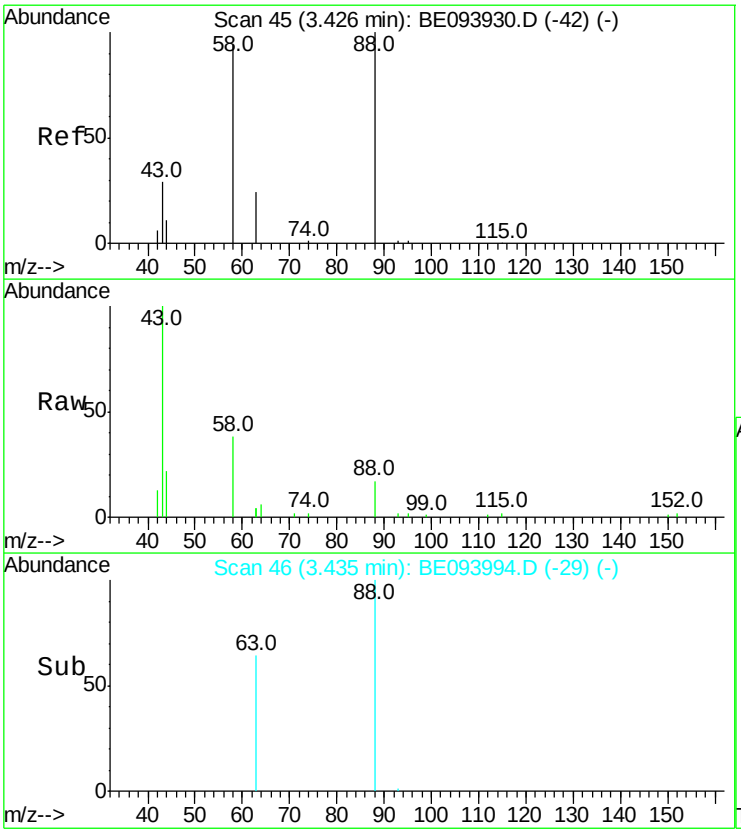

#1
1,4-Dichlorobenzene-d4
Concen: 0.800 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

**Instrument :**
BNA_E
**ClientSampleId :**
C19013061MS

Tgt Ion:152 Resp: 3466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 151.5 | 121.8 | 182.6 |
| 115 | 65.2 | 52.6 | 79.0 |

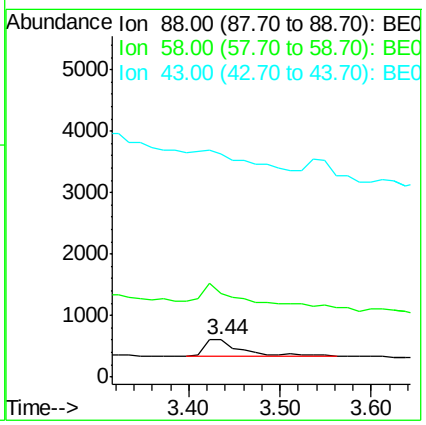


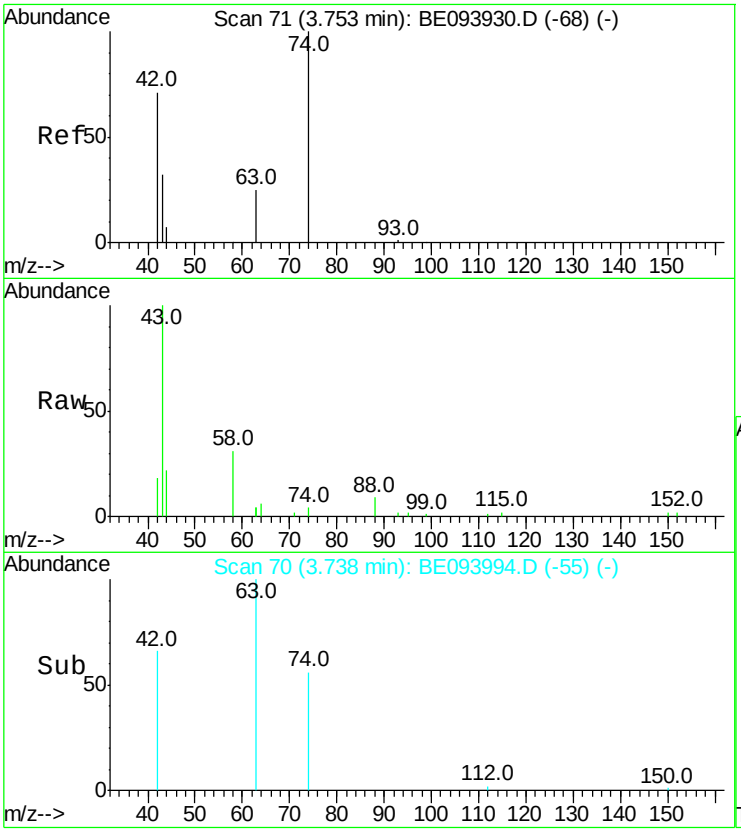




#2
1,4-Dioxane
Concen: 0.321 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.01 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

Tgt Ion: 88 Resp: 767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 168.4 | 65.4 | 98.0# |
| 43 | 0.0 | 23.9 | 35.9# |



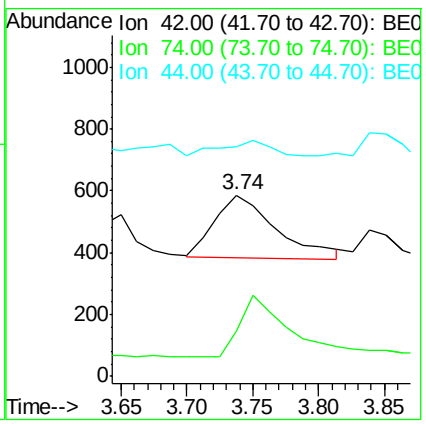


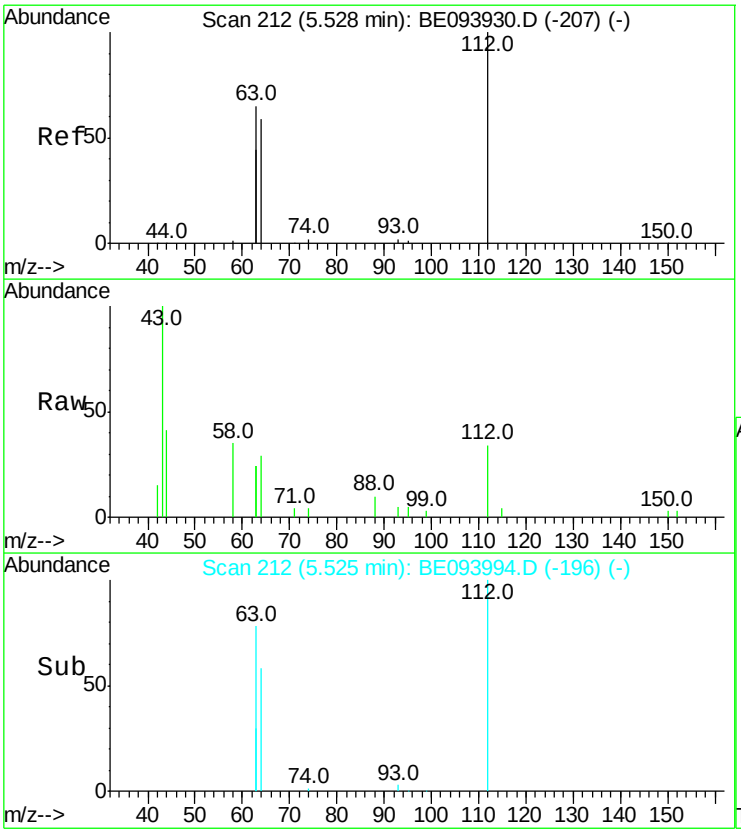

#3
n-Nitrosodimethylamine
Concen: 0.235 ng
RT: 3.74 min Scan# 70
Delta R.T. -0.02 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

**Instrument :**
BNA_E
**ClientSampleId :**
C19013061MS

Tgt Ion: 42 Resp: 658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 87.1 | 104.0 | 156.0# |
| 44 | 18.2 | 13.8 | 20.8 |

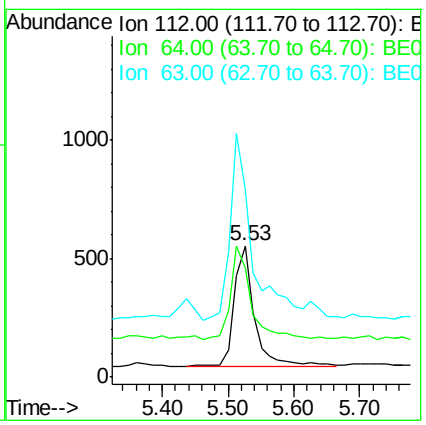


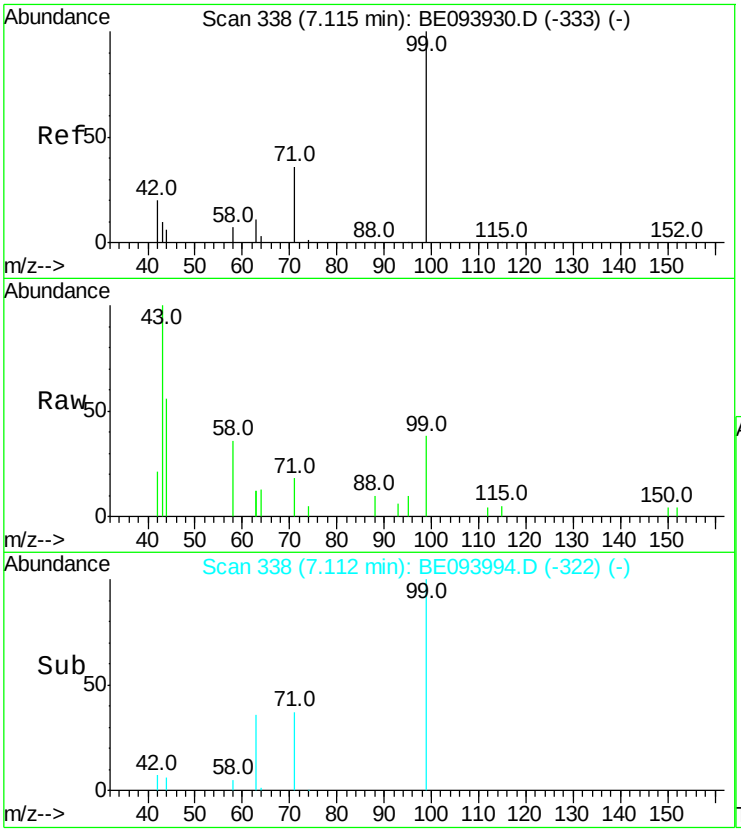




#4
2-Fluorophenol
Concen: 0.192 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

Tgt Ion:112 Resp: 1076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 77.6 | 57.7 | 86.5 |
| 63 | 182.1 | 116.0 | 174.0# |



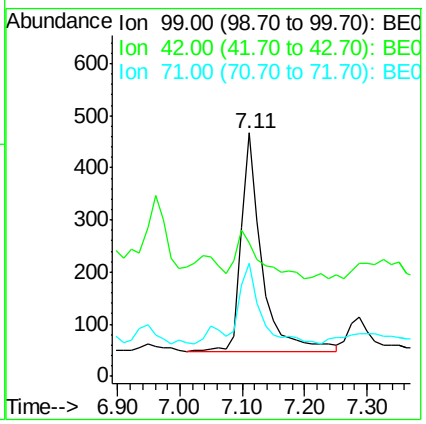


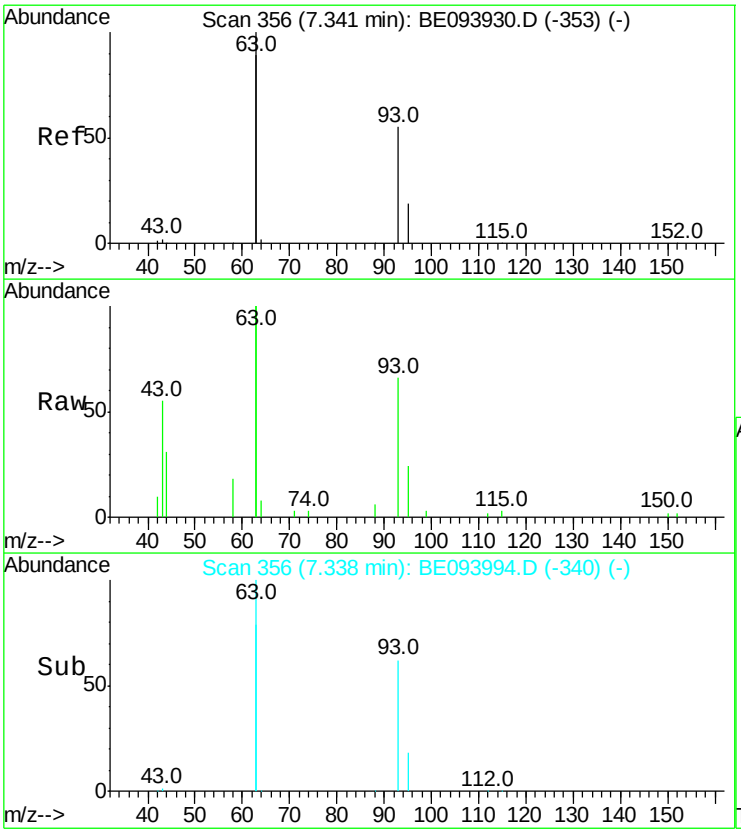

#5
Phenol-d6
Concen: 0.114 ng
RT: 7.11 min Scan# 338
Delta R.T. -0.00 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

**Instrument :**
BNA_E
**ClientSampleId :**
C19013061MS

Tgt Ion: 99 Resp: 956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.6 | 17.1 | 25.7 |
| 71 | 37.7 | 26.6 | 39.8 |

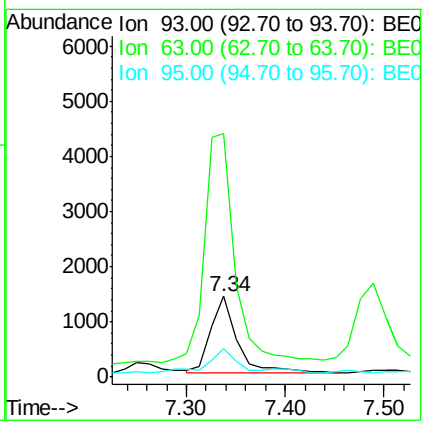


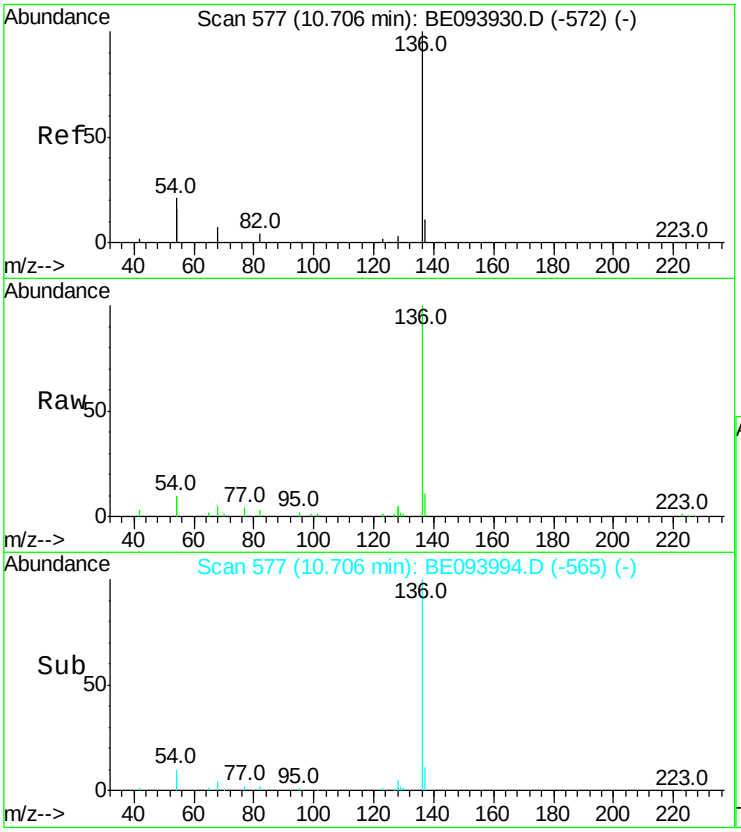




#6
bis(2-Chloroethyl)ether
Concen: 0.374 ng
RT: 7.34 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

Tgt Ion: 93 Resp: 2570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 352.9 | 283.4 | 425.2 |
| 95 | 37.3 | 26.9 | 40.3 |



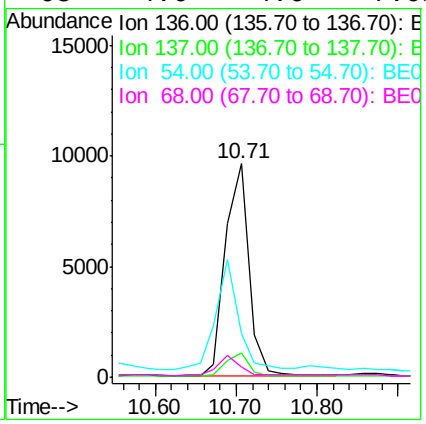


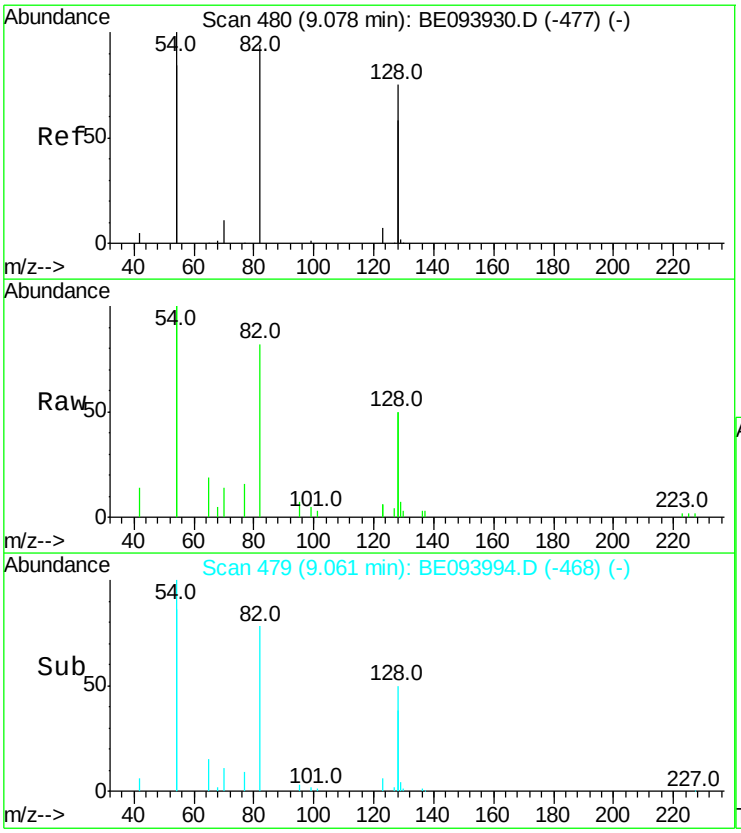

#7
Naphthalene-d8
Concen: 0.800 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

**Instrument :**
BNA_E
**ClientSampleId :**
C19013061MS

Tgt Ion:136 Resp: 19574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.4 | 9.2 | 13.8 |
| 54 | 20.3 | 21.9 | 32.9# |
| 68 | 4.6 | 4.6 | 7.0# |

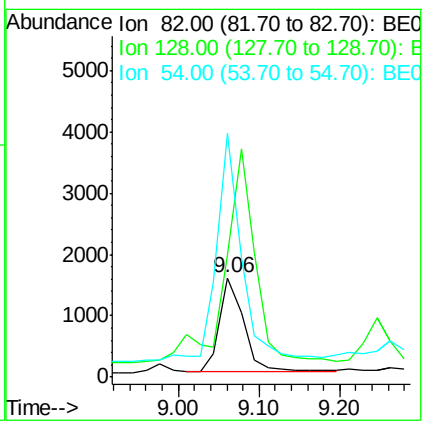


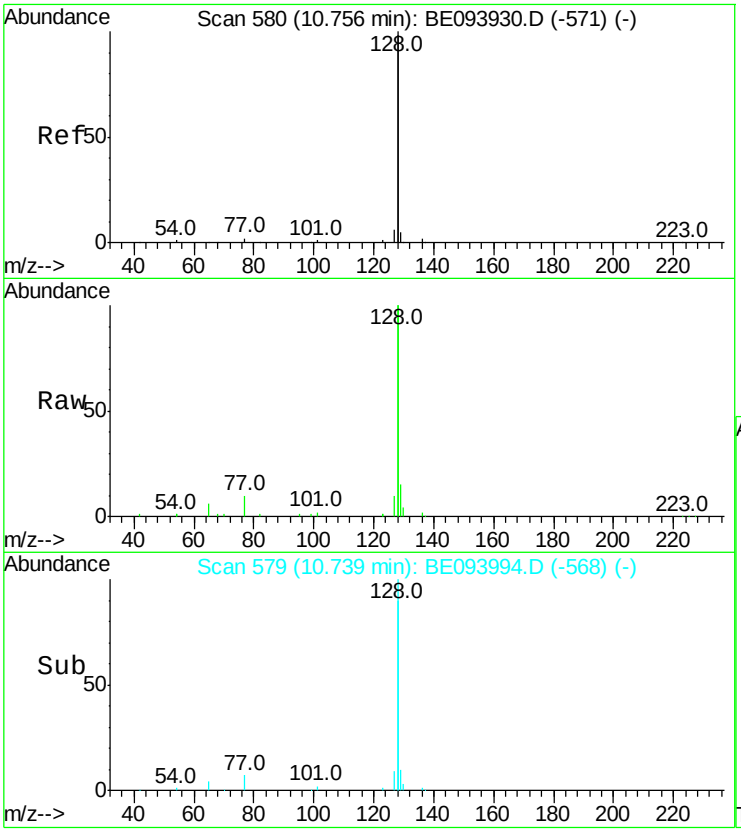




#8
Nitrobenzene-d5
Concen: 0.395 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.02 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

Tgt Ion: 82 Resp: 3271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 123.4 | 91.4 | 137.0 |
| 54 | 245.3 | 197.8 | 296.8 |



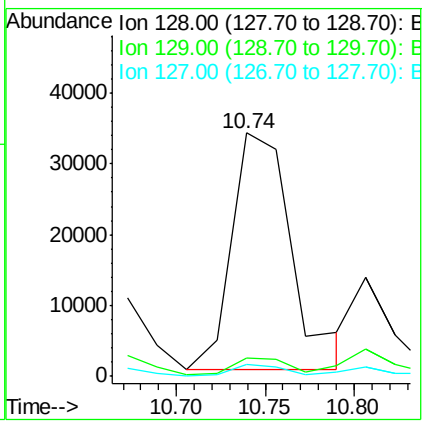


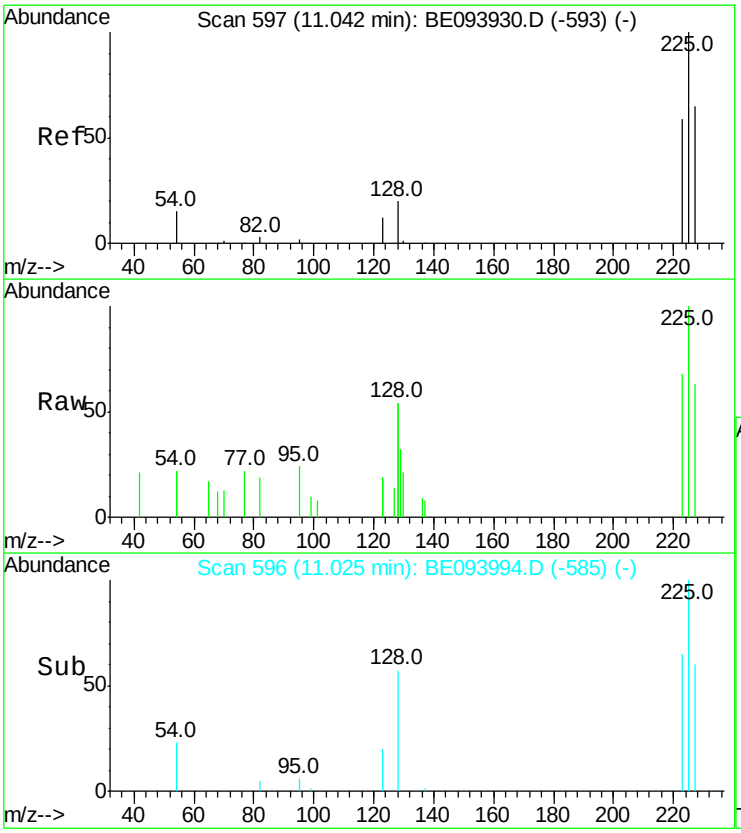

#9
Naphthalene
Concen: 0.708 ng
RT: 10.74 min Scan# 579
Delta R.T. -0.02 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

**Instrument :**
BNA_E
**ClientSampleId :**
C19013061MS

Tgt Ion:128 Resp: 79430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 7.3 | 2.5 | 3.7# |
| 127 | 4.8 | 2.6 | 4.0# |

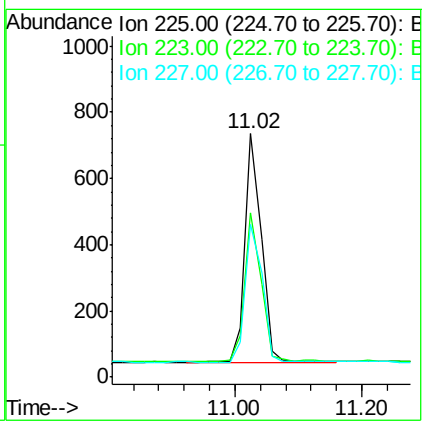


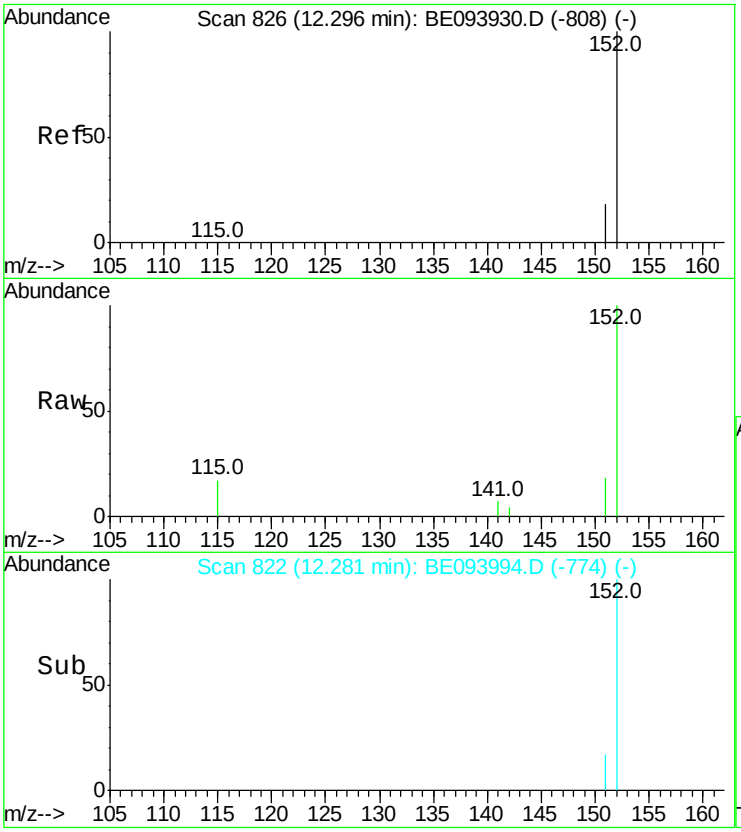




#10
Hexachlorobutadiene
Concen: 0.301 ng
RT: 11.02 min Scan# 596
Delta R.T. -0.02 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

Tgt Ion:225 Resp: 1228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 67.0 | 49.4 | 74.0 |
| 227 | 64.7 | 50.5 | 75.7 |



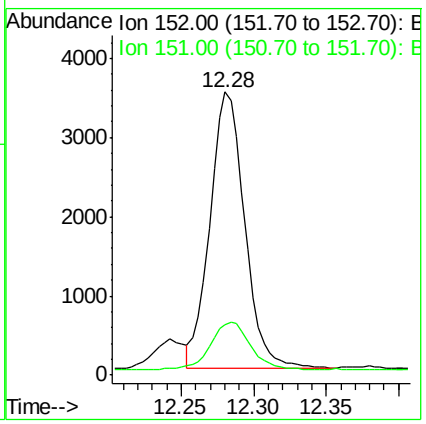


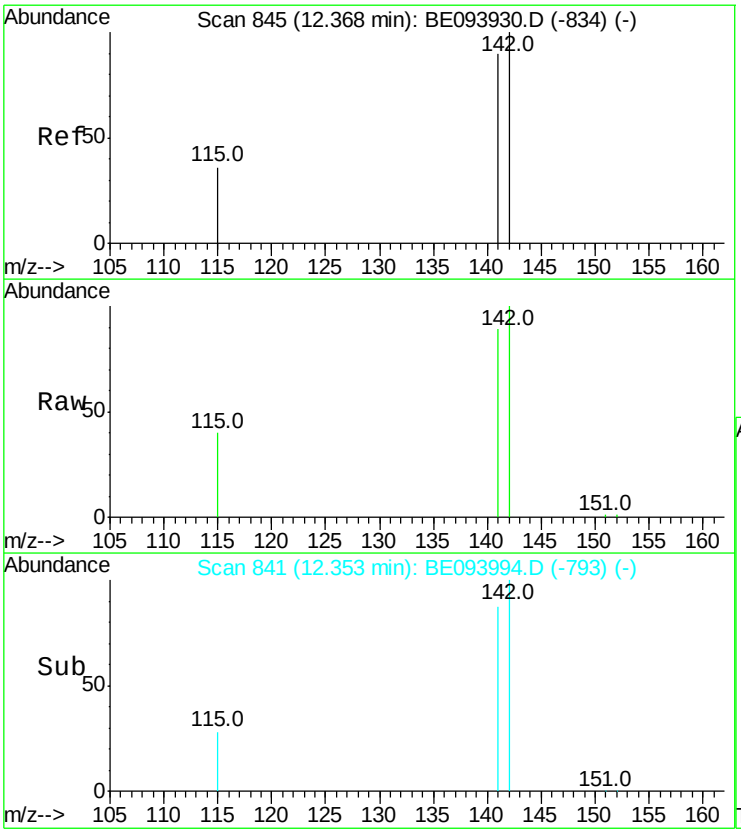

#11
2-Methylnaphthalene-d10
Concen: 0.373 ng
RT: 12.28 min Scan# 822
Delta R.T. -0.02 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

**Instrument :**
BNA_E
**ClientSampleId :**
C19013061MS

Tgt Ion:152 Resp: 5843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.2 | 15.4 | 23.0 |

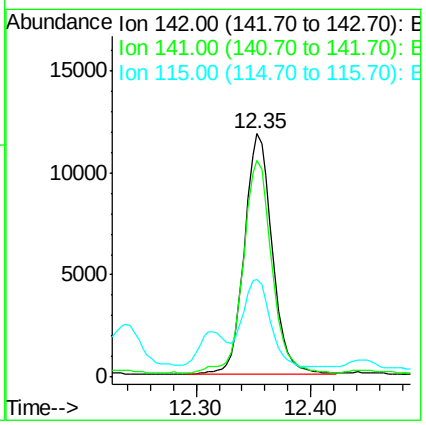


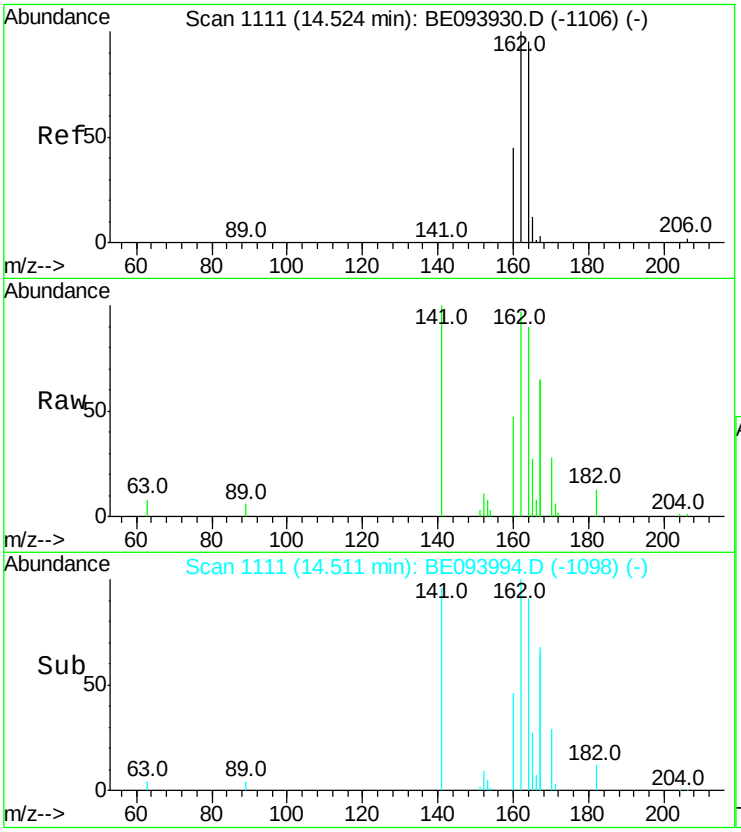




#12
2-Methylnaphthalene
Concen: 1.057 ng
RT: 12.35 min Scan# 841
Delta R.T. -0.02 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

Tgt Ion:142 Resp: 19703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.8 | 71.4 | 107.2 |
| 115 | 40.4 | 29.4 | 44.0 |



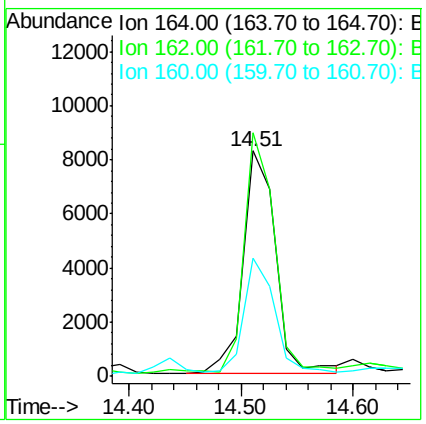


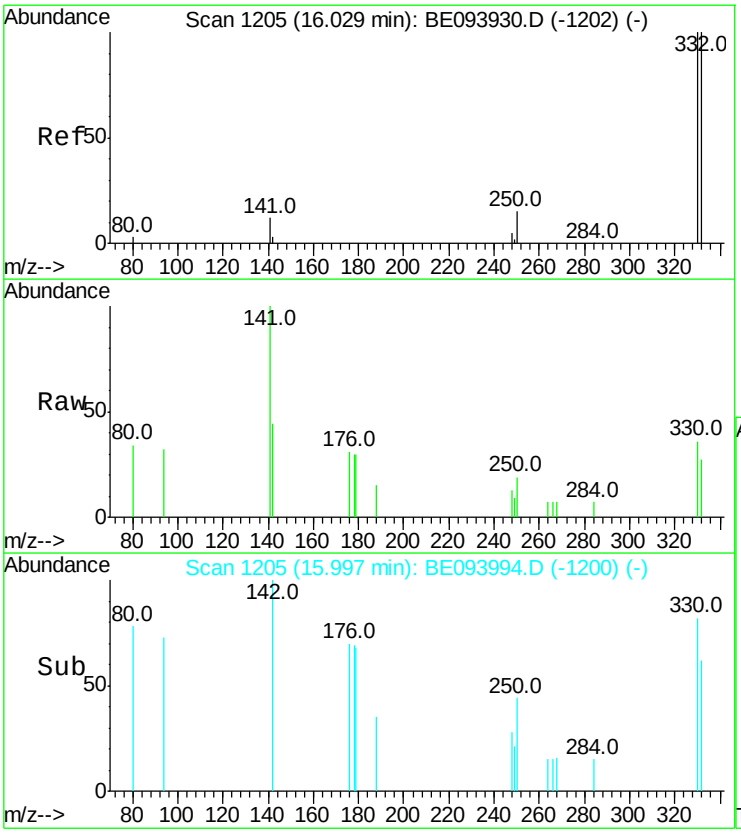

#13
Acenaphthene-d10
Concen: 0.800 ng
RT: 14.51 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

**Instrument :**
BNA_E
**ClientSampleId :**
C19013061MS

Tgt Ion:164 Resp: 16576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 107.9 | 80.8 | 121.2 |
| 160 | 52.4 | 37.0 | 55.4 |

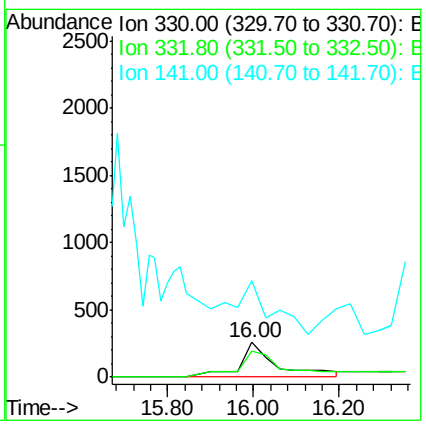


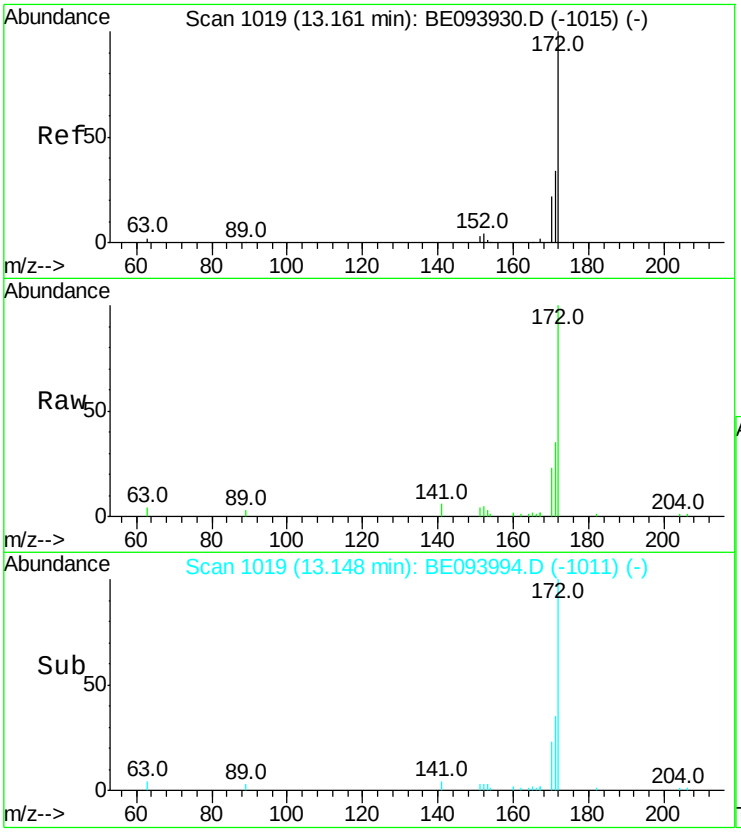




#14
2,4,6-Tribromophenol
Concen: 0.636 ng
RT: 16.00 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

Tgt Ion:330 Resp: 1633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 89.0 | 76.9 | 115.3 |
| 141 | 102.1 | 0.0 | 0.0# |



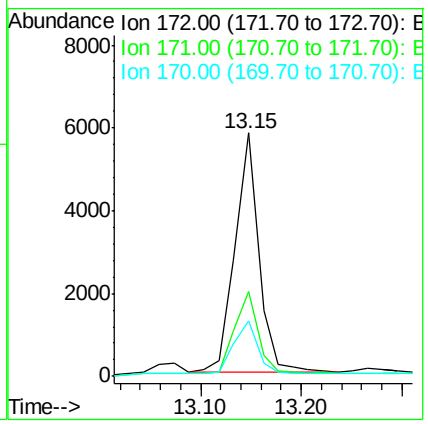


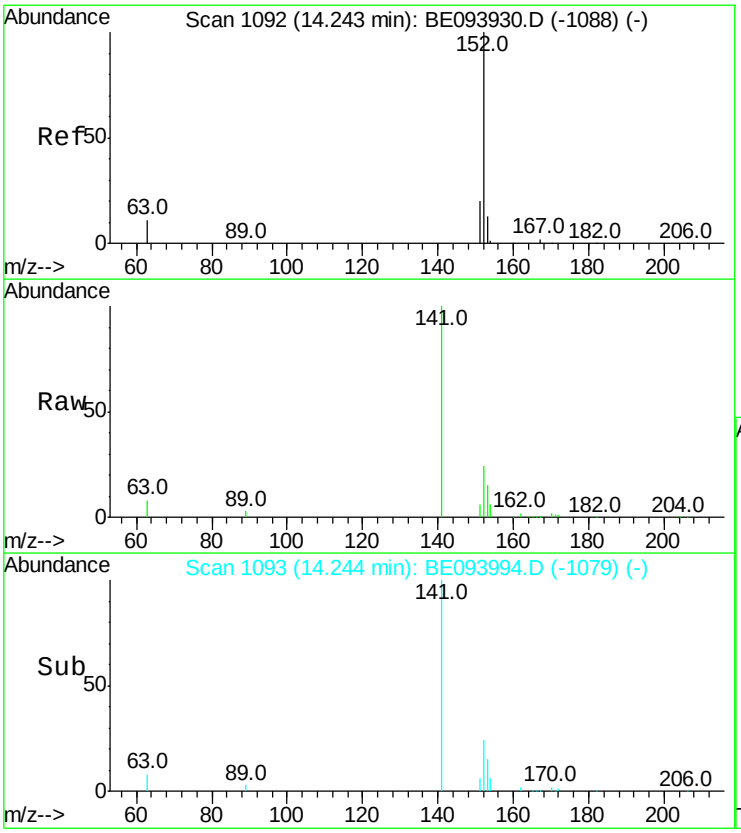

#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

**Instrument :**
BNA_E
**ClientSampleId :**
C19013061MS

Tgt Ion:172 Resp: 9469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.8 | 26.9 | 40.3 |
| 170 | 22.9 | 17.3 | 25.9 |

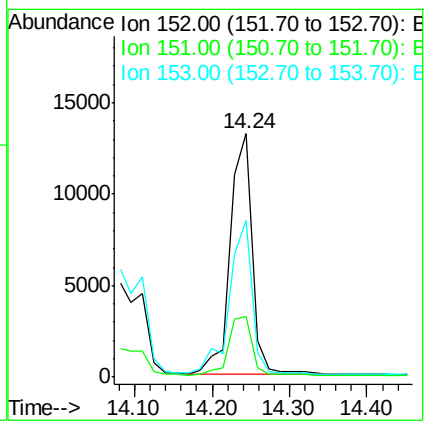


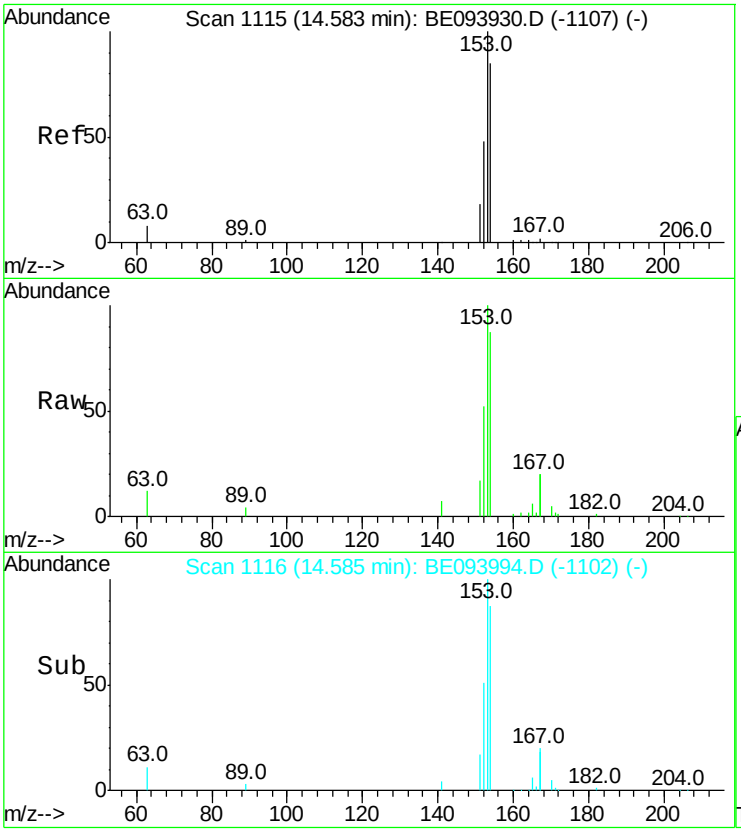




#16
Acenaphthylene
Concen: 0.627 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

Tgt Ion:152 Resp: 25952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 26.3 | 15.7 | 23.5# |
| 153 | 66.9 | 10.6 | 16.0# |



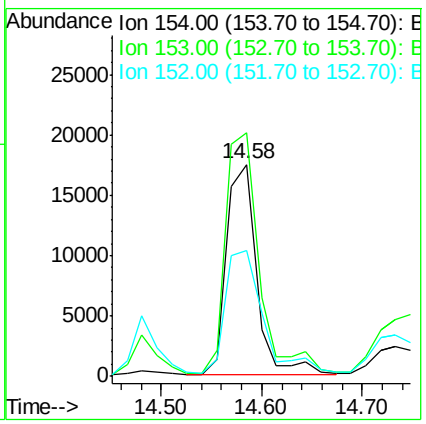


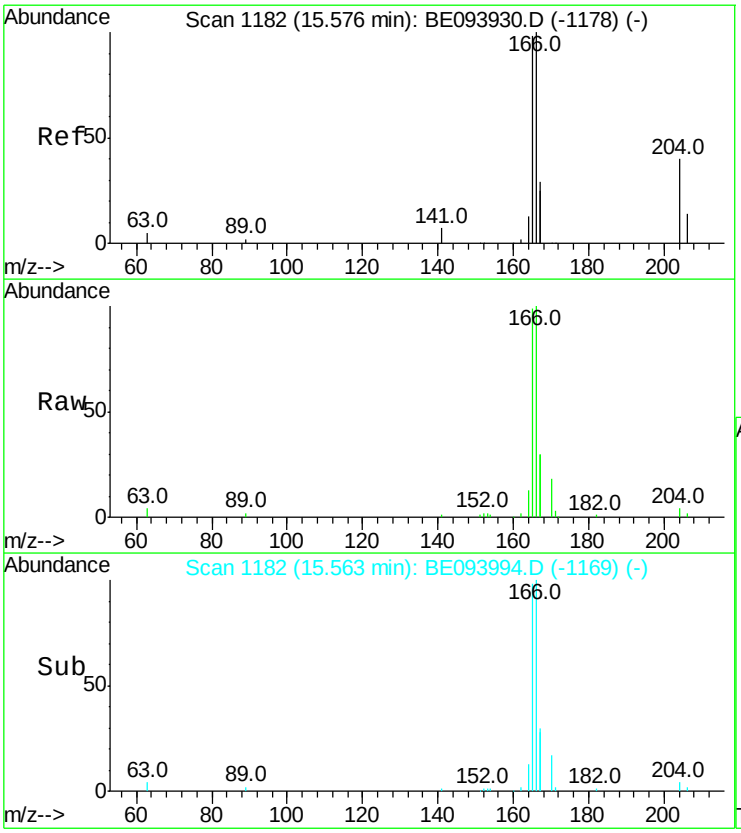

#17
Acenaphthene
Concen: 1.301 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

**Instrument :**
BNA_E
**ClientSampleId :**
C19013061MS

Tgt Ion:154 Resp: 36361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 127.7 | 91.8 | 137.6 |
| 152 | 74.0 | 44.9 | 67.3# |

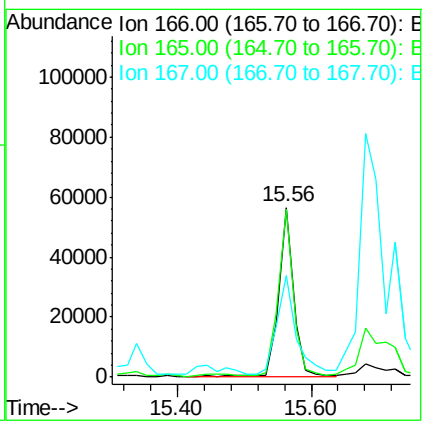


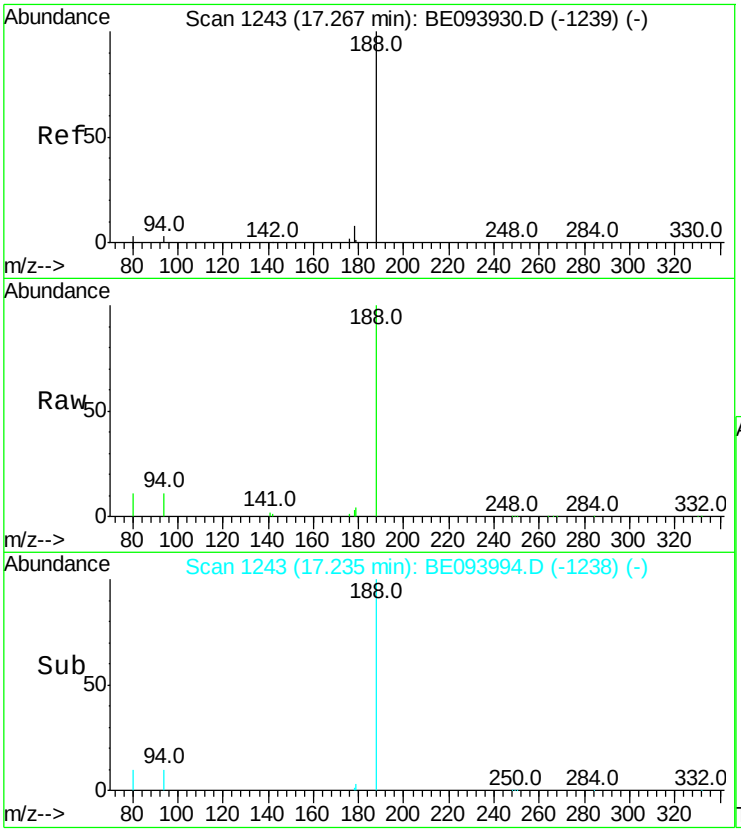




#18
Fluorene
Concen: 2.382 ng
RT: 15.56 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

Tgt Ion:166 Resp: 85893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.4 | 79.4 | 119.0 |
| 167 | 73.6 | 43.5 | 65.3# |



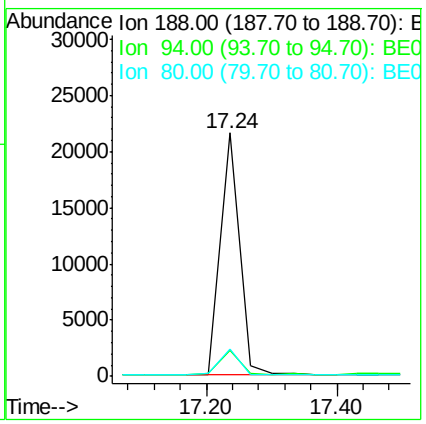


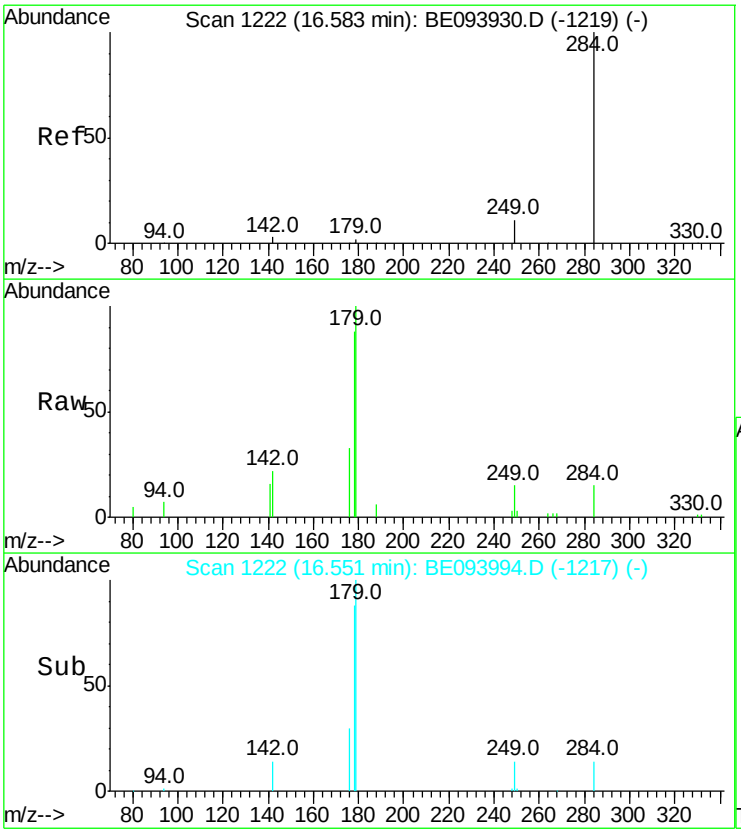

#19
Phenanthrene-d10
Concen: 0.800 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.03 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

**Instrument :**
BNA_E
**ClientSampleId :**
C19013061MS

Tgt Ion:188 Resp: 44612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.8 | 16.1 | 24.1# |
| 80 | 11.0 | 18.2 | 27.2# |

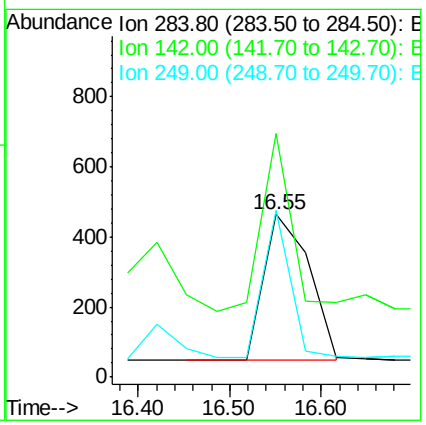


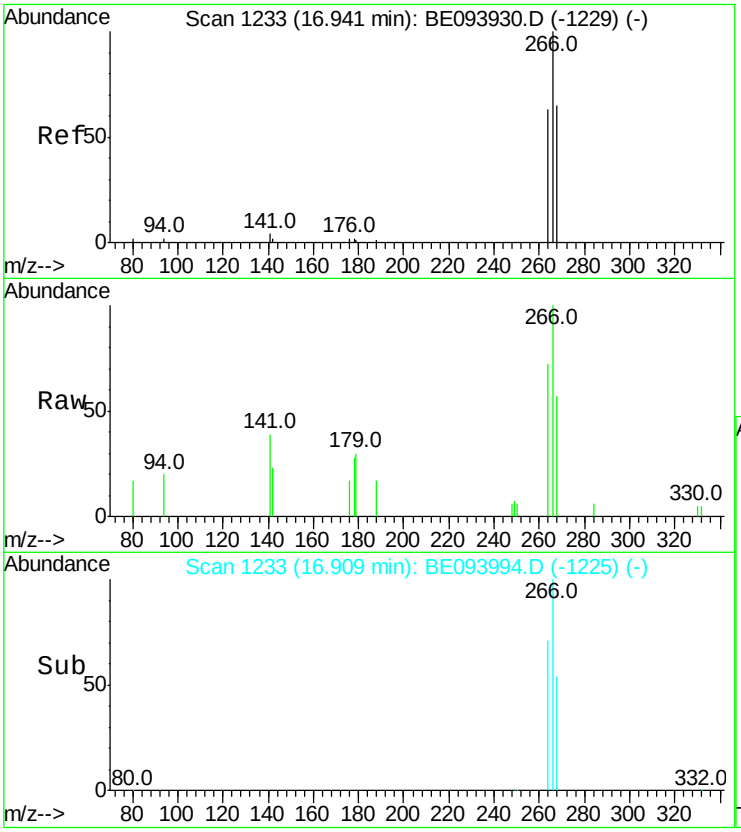




#21
Hexachlorobenzene
Concen: 0.109 ng
RT: 16.55 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

Tgt Ion:284 Resp: 1441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 80.8 | 0.0 | 0.0# |
| 249 | 59.3 | 0.0 | 0.0# |



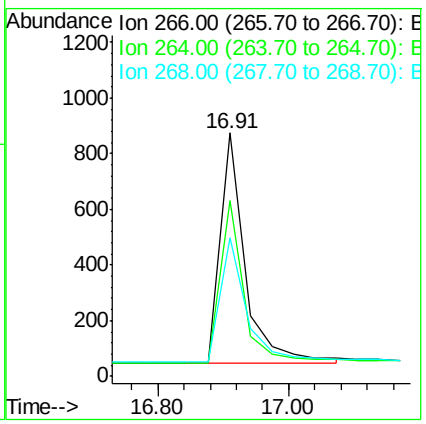


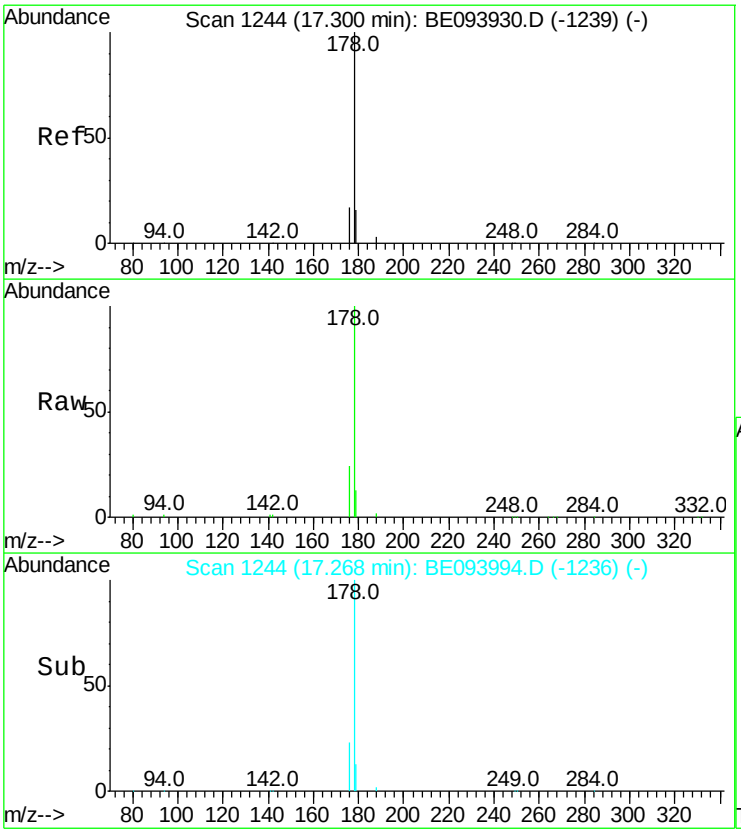

#22
Pentachlorophenol
Concen: 0.616 ng
RT: 16.91 min Scan# 1233
Delta R.T. -0.03 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

**Instrument :**
BNA_E
**ClientSampleId :**
C19013061MS

Tgt Ion:266 Resp: 2179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 72.3 | 53.5 | 80.3 |
| 268 | 57.0 | 60.0 | 90.0# |

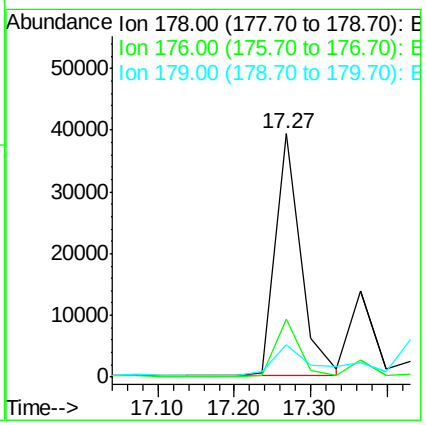


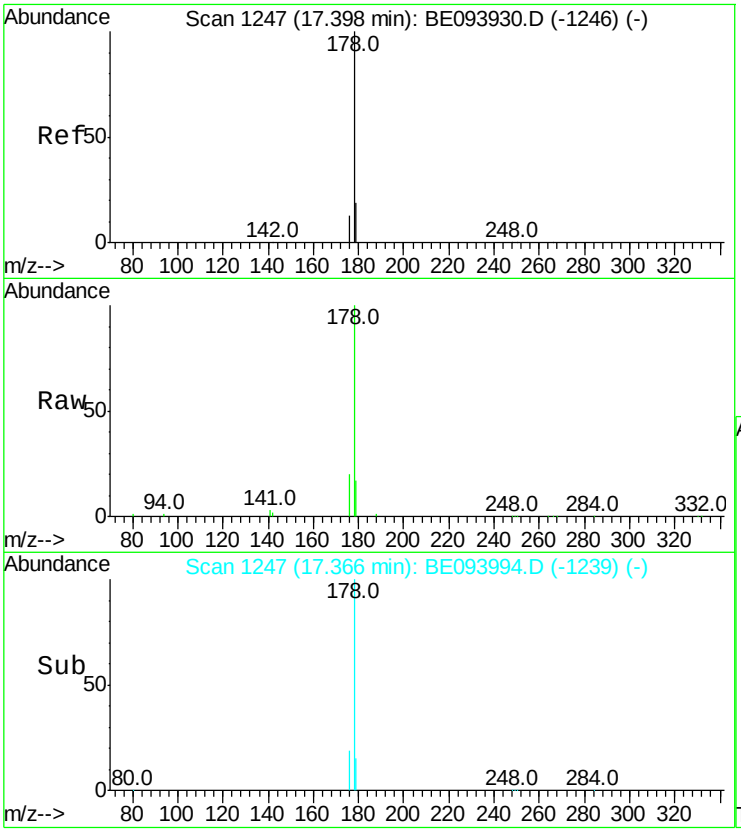




#23
Phenanthrene
Concen: 1.429 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

Tgt Ion:178 Resp: 91867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 22.0 | 0.0 | 0.0# |
| 179 | 18.4 | 12.6 | 18.8 |



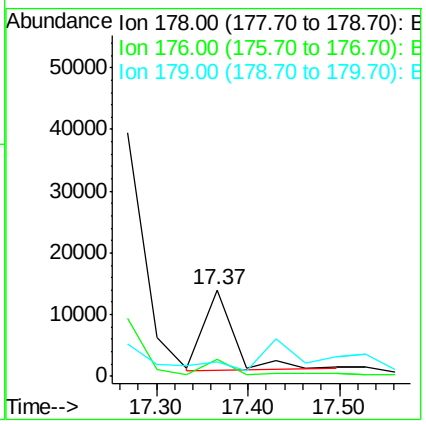


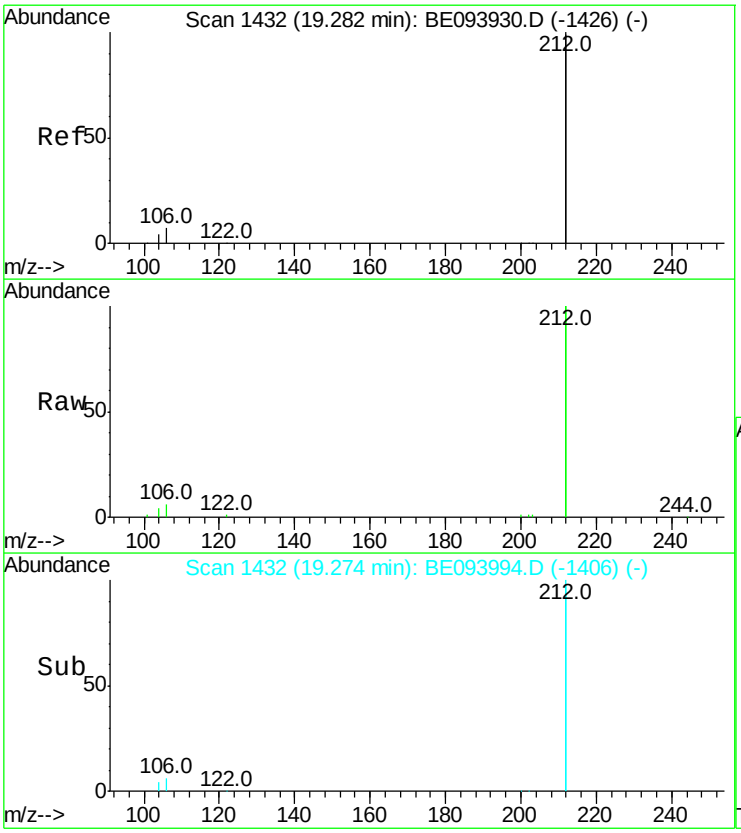

#24
Anthracene
Concen: 0.436 ng
RT: 17.37 min Scan# 1247
Delta R.T. -0.03 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

**Instrument :**
BNA_E
**ClientSampleId :**
C19013061MS

Tgt Ion:178 Resp: 29619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.4 | 16.0 | 24.0 |
| 179 | 0.0 | 0.0 | 0.0 |

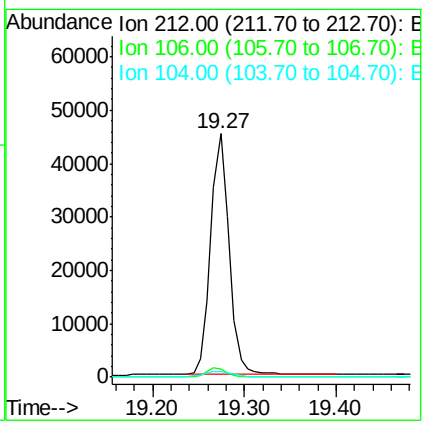


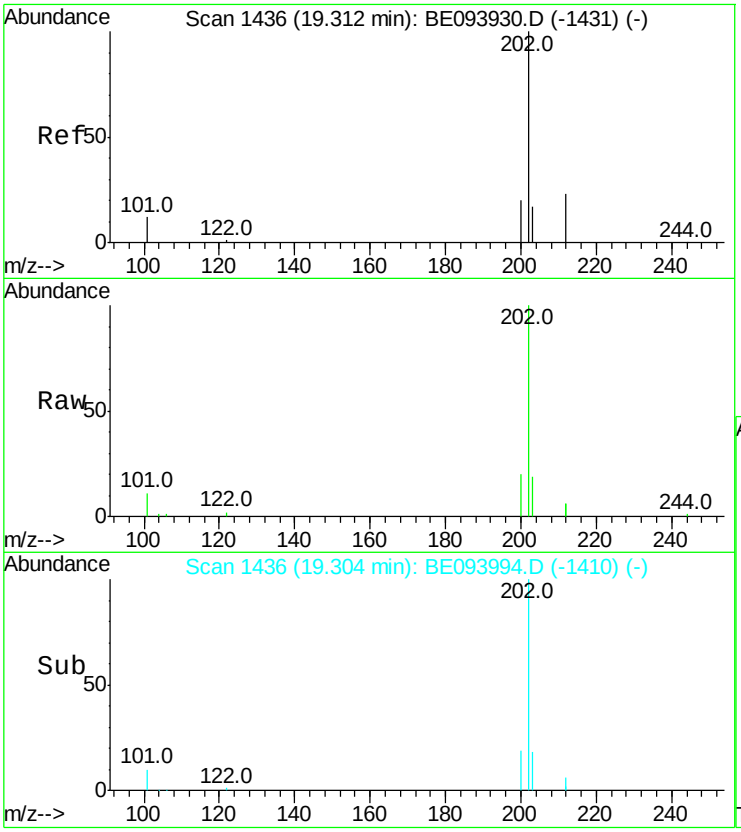




#25
Fluoranthene-d10
Concen: 0.190 ng
RT: 19.27 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

Tgt Ion:212 Resp: 63302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 3.5 | 2.7 | 4.1 |
| 104 | 2.9 | 1.6 | 2.4# |



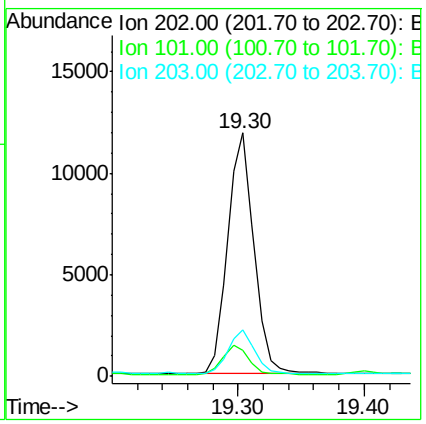


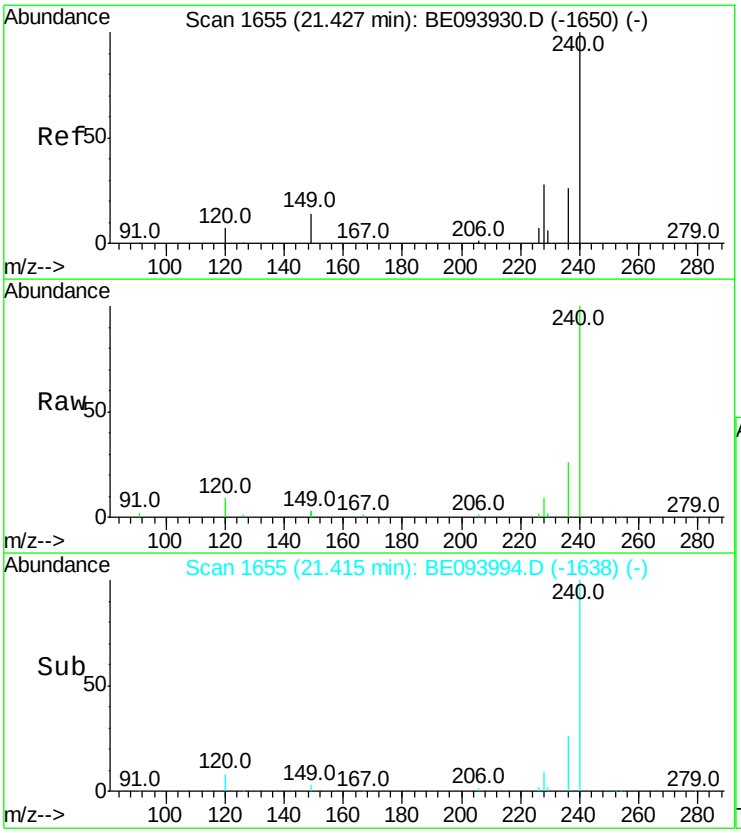

#26
Fluoranthene
Concen: 0.172 ng
RT: 19.30 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

**Instrument :**
BNA_E
**ClientSampleId :**
C19013061MS

Tgt Ion:202 Resp: 17119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.2 | 9.7 | 14.5 |
| 203 | 17.8 | 13.7 | 20.5 |

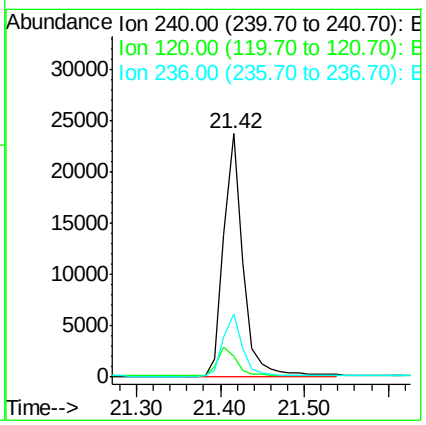


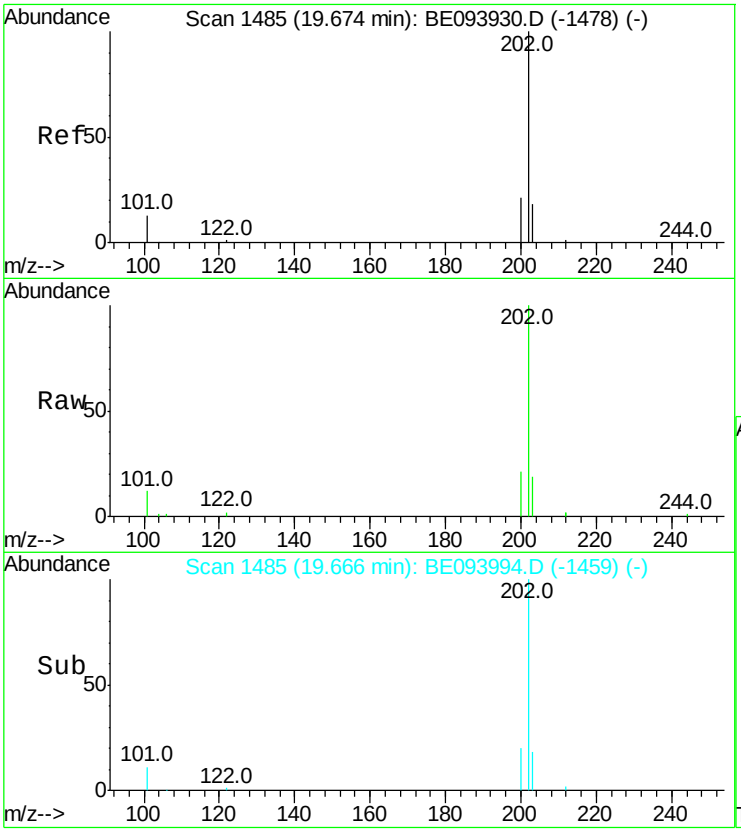




#27
Chrysene-d12
Concen: 0.800 ng
RT: 21.42 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

Tgt Ion:240 Resp: 37735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.7 | 8.7 | 13.1# |
| 236 | 26.1 | 21.3 | 31.9 |



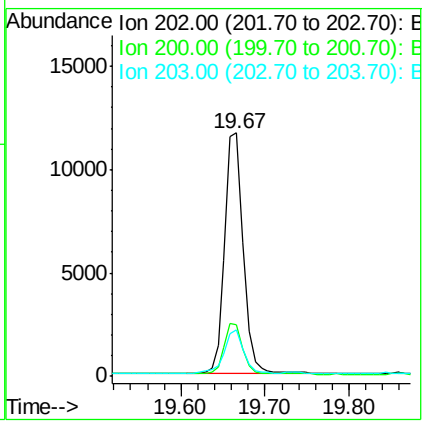


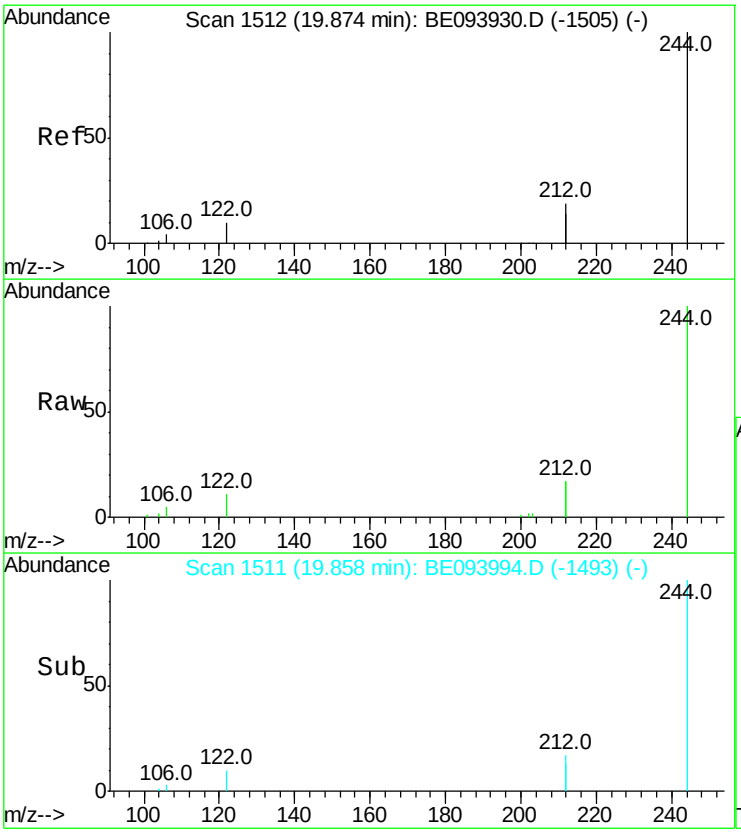

#28
Pyrene
Concen: 0.277 ng
RT: 19.67 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

**Instrument :**
BNA_E
**ClientSampleId :**
C19013061MS

Tgt Ion:202 Resp: 17961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.0 | 16.6 | 24.8 |
| 203 | 18.6 | 14.2 | 21.4 |

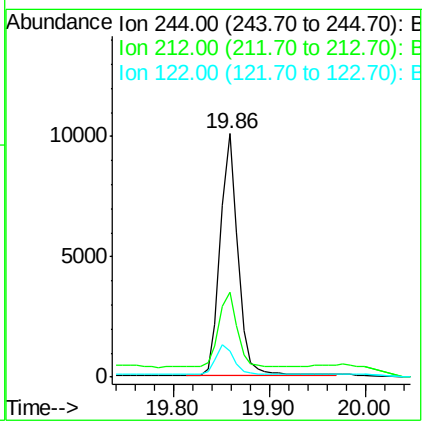


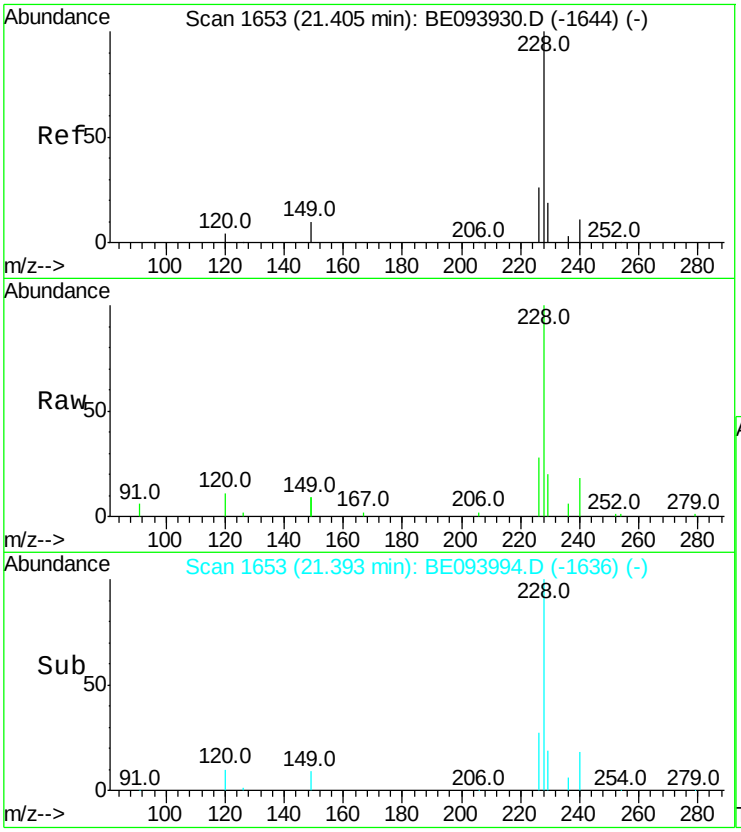




#29
Terphenyl-d14
Concen: 0.368 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.02 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

Tgt Ion:244 Resp: 12763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 34.7 | 28.3 | 42.5 |
| 122 | 10.8 | 9.4 | 14.0 |



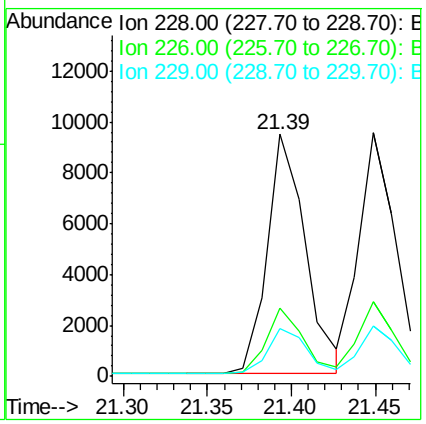


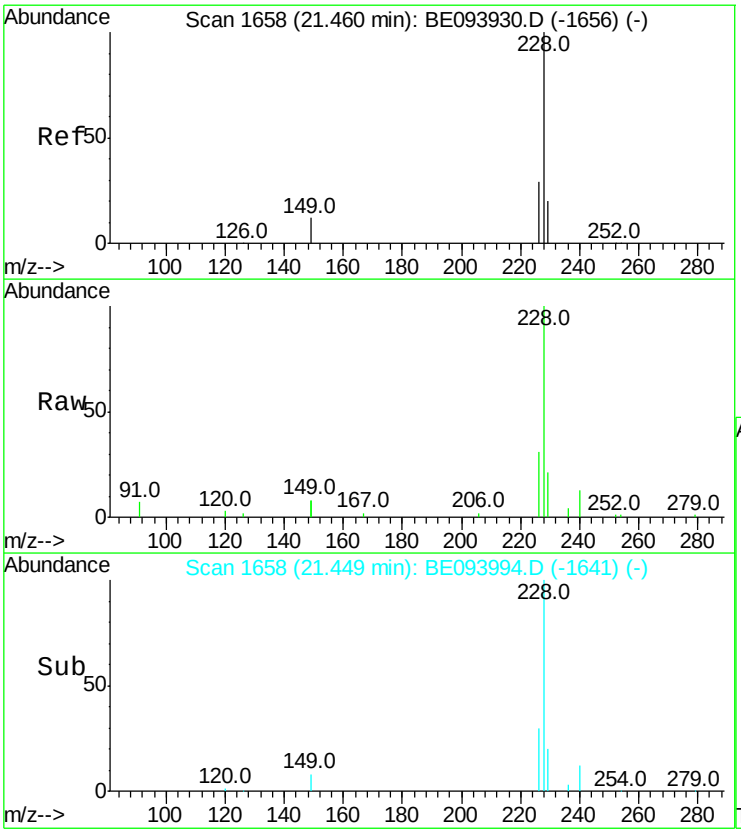

#30
Benzo(a)anthracene
Concen: 0.259 ng
RT: 21.39 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

**Instrument :**
BNA_E
**ClientSampleId :**
C19013061MS

Tgt Ion:228 Resp: 14999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.9 | 20.8 | 31.2 |
| 229 | 19.8 | 16.6 | 25.0 |

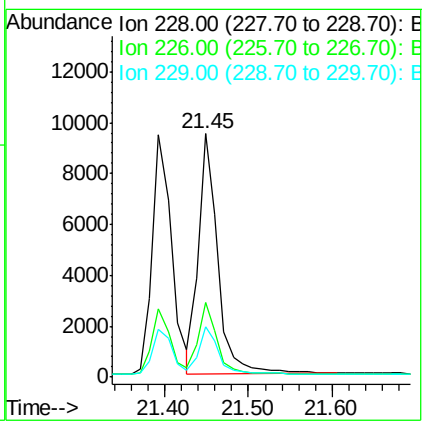


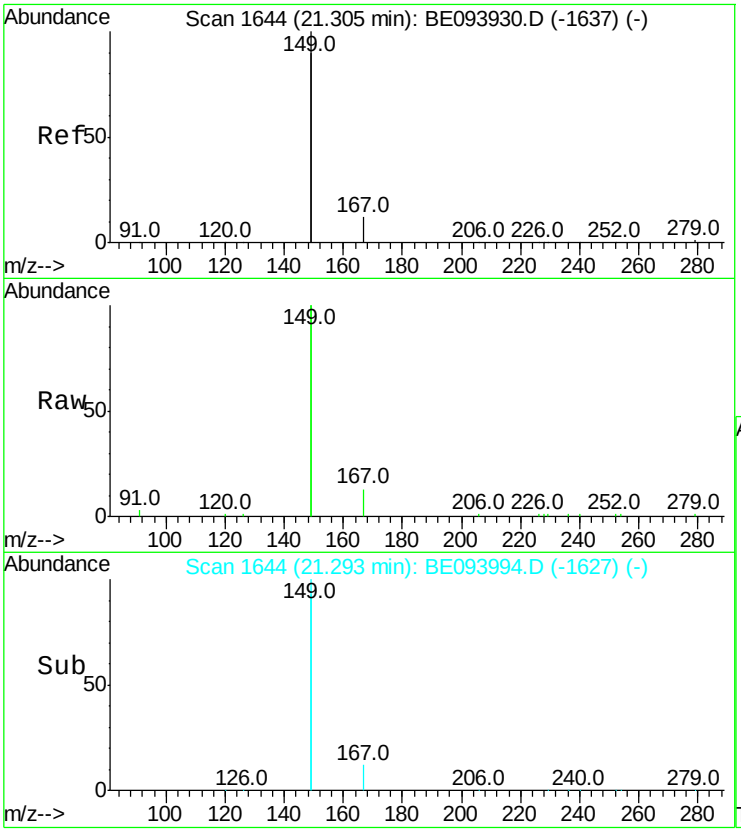




#31
Chrysene
Concen: 0.250 ng
RT: 21.45 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

Tgt Ion:228 Resp: 15357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.7 | 24.6 | 37.0 |
| 229 | 20.7 | 15.8 | 23.8 |



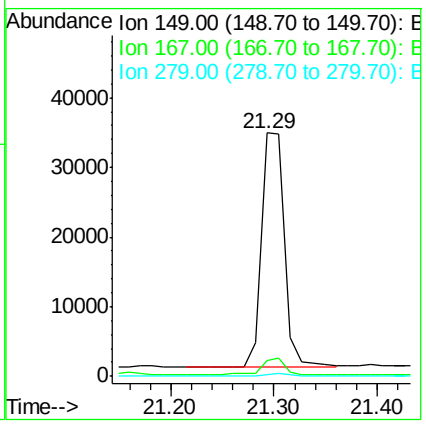


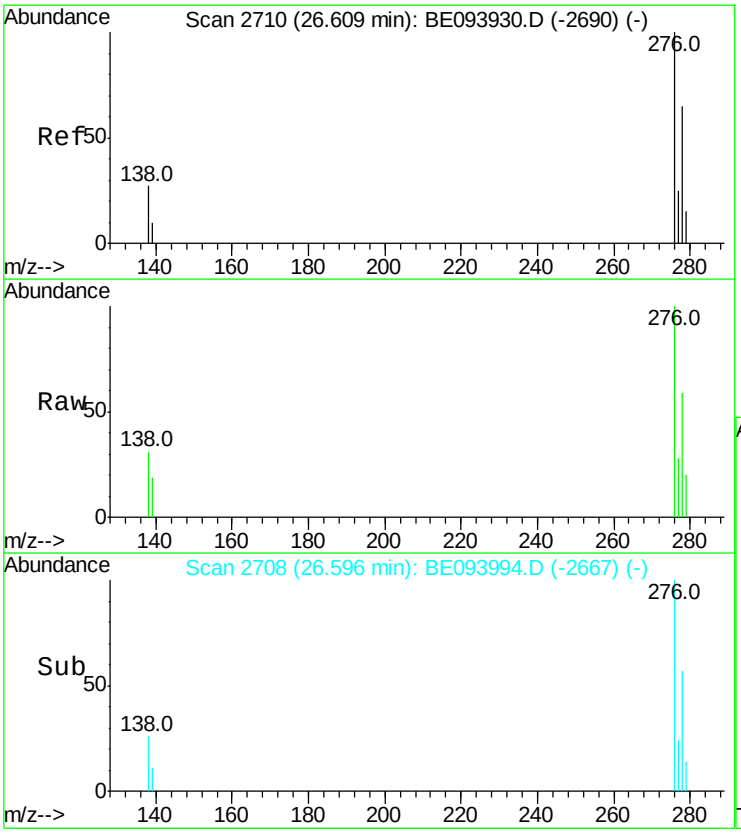

#32
Bis(2-ethylhexyl)phthalate
Concen: 0.365 ng
RT: 21.29 min Scan# 1644
Delta R.T. -0.01 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

**Instrument :**
BNA_E
**ClientSampleId :**
C19013061MS

Tgt Ion:149 Resp: 51380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 7.9 | 5.4 | 8.0 |
| 279 | 0.9 | 0.7 | 1.1 |

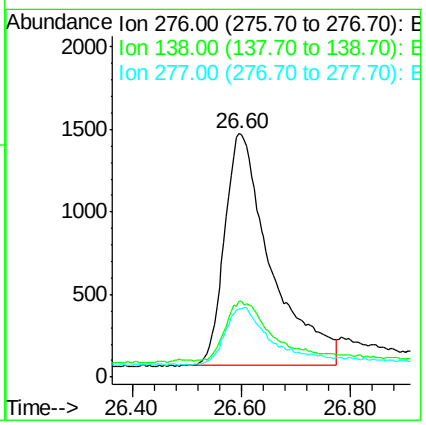


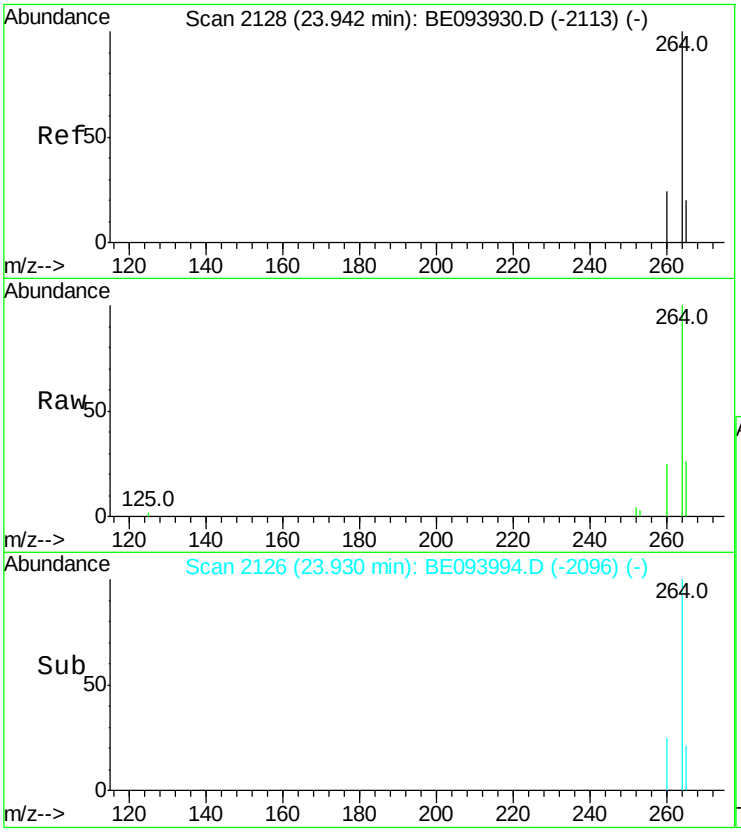




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.203 ng
RT: 26.60 min Scan# 2708
Delta R.T. -0.01 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

Tgt Ion:276 Resp: 8306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 24.1 | 22.2 | 33.2 |
| 277 | 25.3 | 19.5 | 29.3 |



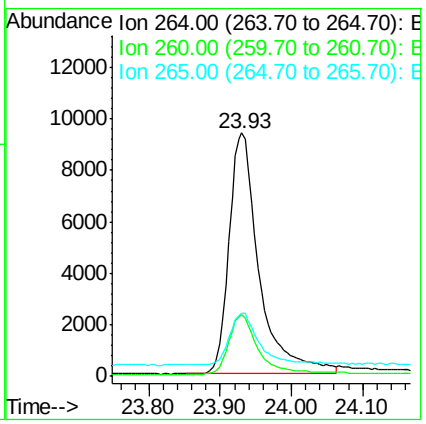


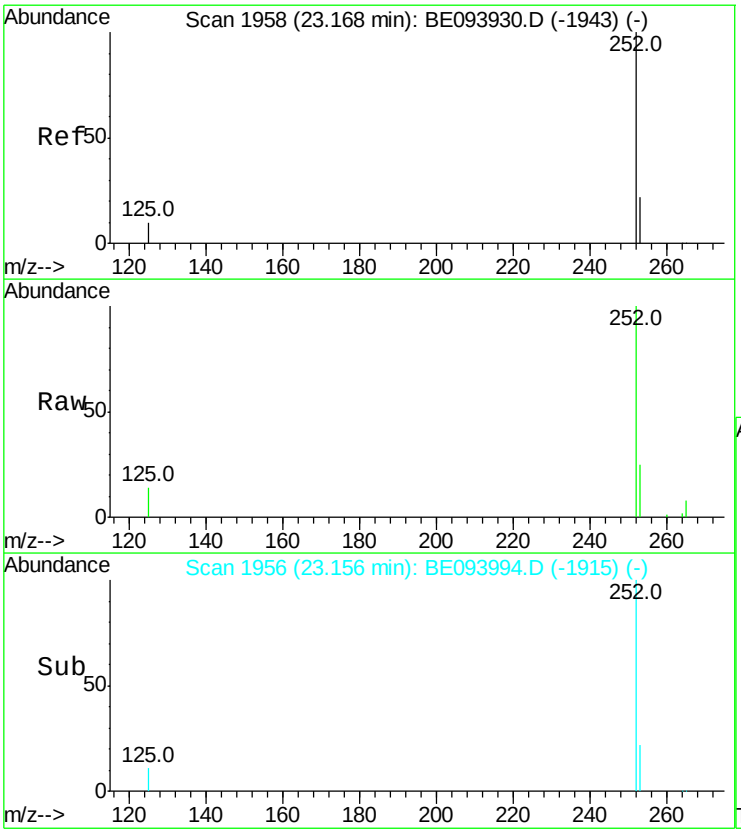

#34
Perylene-d12
Concen: 0.800 ng
RT: 23.93 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

**Instrument :**
BNA_E
**ClientSampleId :**
C19013061MS

Tgt Ion:264 Resp: 27705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.2 | 20.0 | 30.0 |
| 265 | 25.9 | 24.0 | 36.0 |

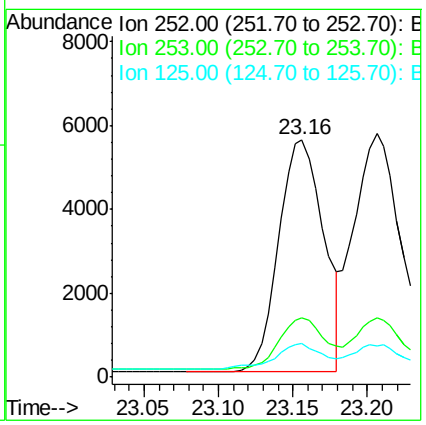


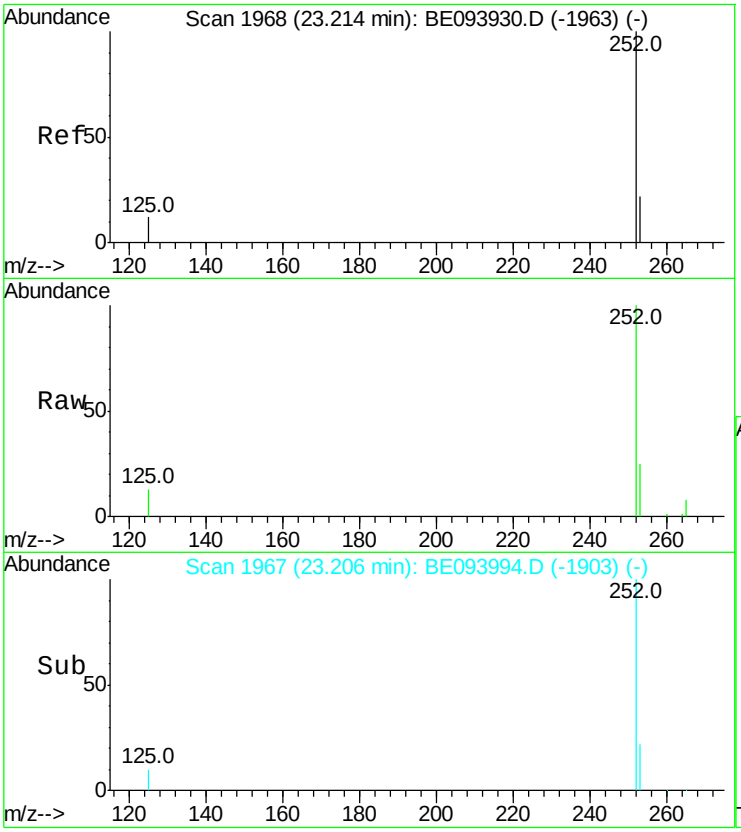




#35
Benzo(b)fluoranthene
Concen: 0.263 ng
RT: 23.16 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

Tgt Ion:252 Resp: 11624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.0 | 19.4 | 29.0 |
| 125 | 14.0 | 10.0 | 15.0 |



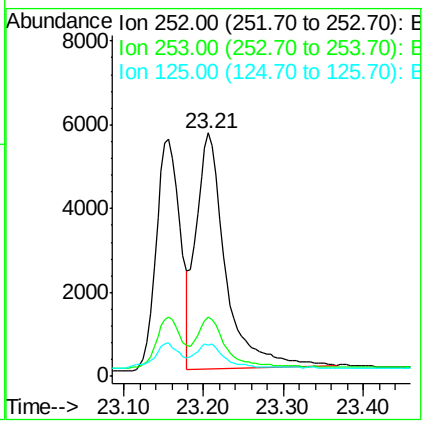


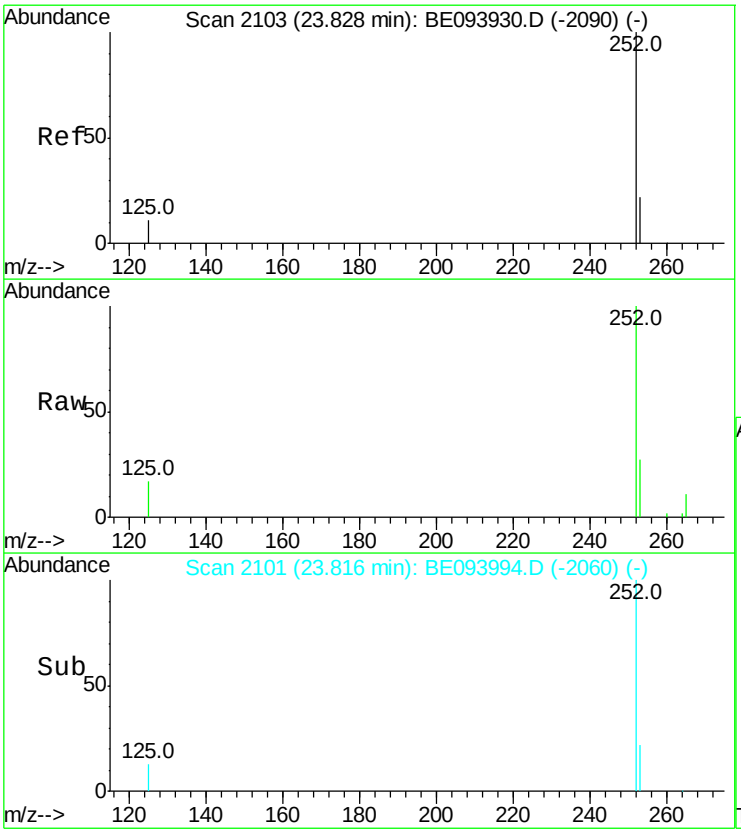

#36
Benzo(k)fluoranthene
Concen: 0.265 ng
RT: 23.21 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

**Instrument :**
BNA_E
**ClientSampleId :**
C19013061MS

Tgt Ion:252 Resp: 14305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.6 | 18.1 | 27.1 |
| 125 | 12.9 | 9.8 | 14.6 |

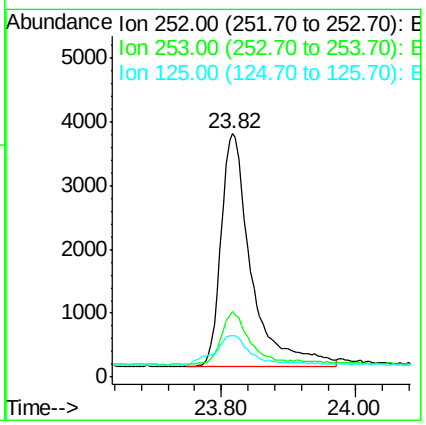


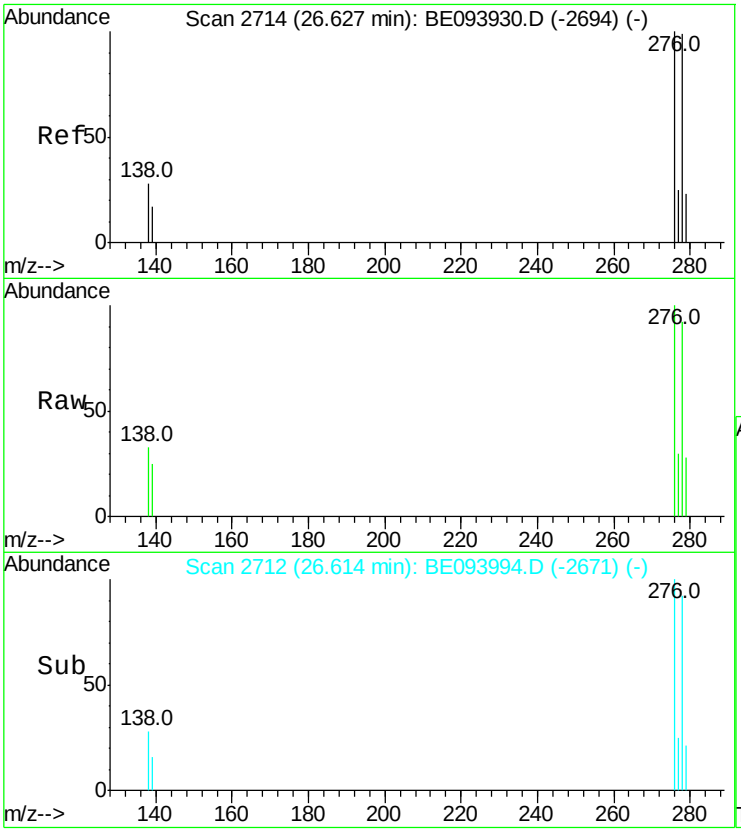




#37
Benzo(a)pyrene
Concen: 0.257 ng
RT: 23.82 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

Tgt Ion:252 Resp: 11532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 26.8 | 19.6 | 29.4 |
| 125 | 17.2 | 11.8 | 17.8 |



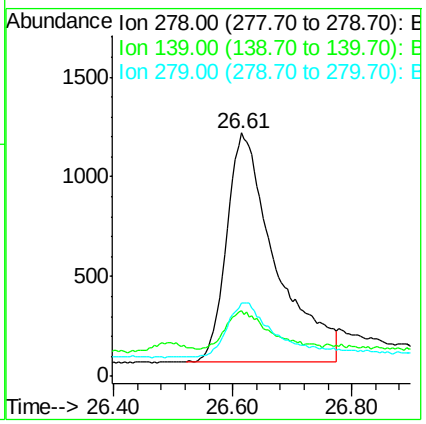


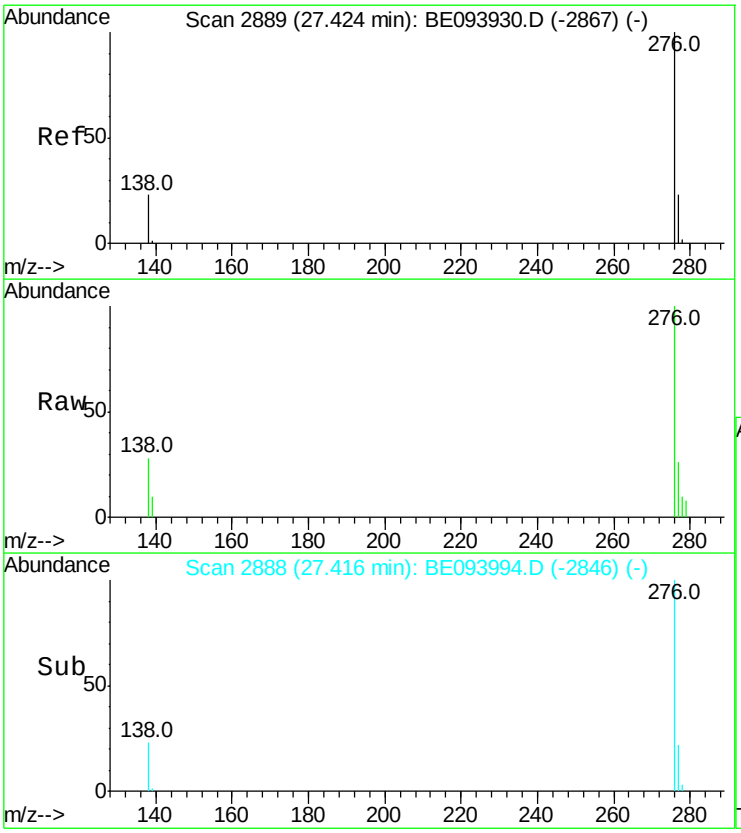

#38
Dibenzo(a,h)anthracene
Concen: 0.220 ng
RT: 26.61 min Scan# 2712
Delta R.T. -0.01 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

**Instrument :**
BNA_E
**ClientSampleId :**
C19013061MS

Tgt Ion:278 Resp: 6542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 27.1 | 16.7 | 25.1# |
| 279 | 30.1 | 21.6 | 32.4 |




#39
Benzo(g,h,i)perylene
Concen: 0.232 ng
RT: 27.42 min Scan# 2888
Delta R.T. -0.01 min
Lab File: BE093994.D
Acq: 13 Sep 2017 18:09

Tgt Ion:276 Resp: 7275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 26.4 | 20.6 | 30.8 |
| 138 | 28.1 | 21.9 | 32.9 |