Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE020618\
Data File : BE095536.D
Acq On : 6 Feb 2018 19:15
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDICC1.6

Quant Time: Feb 06 20:05:04 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE020618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 19:56:54 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.44 | 152 | 1162 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 11.27 | 136 | 4521 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 15.00 | 164 | 2583 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.71 | 188 | 6024 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.81 | 240 | 6513 | 0.40 | ng | | 0.01 |
| 34) Perylene-d12 | 24.43 | 264 | 5824 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.92 | 112 | 5708 | 3.03 | ng | | 0.00 |
| 5) Phenol-d6 | 7.55 | 99 | 8089 | 2.84 | ng | | -0.01 |
| 8) Nitrobenzene-d5 | 9.61 | 82 | 7942 | 1.93 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.81 | 152 | 12309 | 1.64 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.47 | 330 | 2064 | 3.30 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.65 | 172 | 18399 | 1.62 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.69 | 212 | 133043 | 1.76 | ng | | 0.00 |
| 29) Terphenyl-d14 | 20.25 | 244 | 22465 | 1.69 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.65 | 88 | 3166 | 2.770 | ng | # | 90 |
| 3) n-Nitrosodimethylamine | 3.99 | 42 | 4206 | 3.085 | ng | # | 86 |
| 6) bis(2-Chloroethyl)ether | 7.83 | 93 | 7368 | 2.774 | ng | | 95 |
| 9) Naphthalene | 11.33 | 128 | 86632 | 1.675 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.58 | 225 | 4959 | 2.138 | ng | | 97 |
| 12) 2-Methylnaphthalene | 12.88 | 142 | 14671 | 1.654 | ng | | 97 |
| 16) Acenaphthylene | 14.73 | 152 | 24713 | 1.787 | ng | | 100 |
| 17) Acenaphthene | 15.06 | 154 | 15370 | 1.709 | ng | | 97 |
| 18) Fluorene | 16.04 | 166 | 18954 | 1.687 | ng | # | 78 |
| 20) 4-Bromophenyl-phenylether | 16.91 | 248 | 5927 | 1.672 | ng | # | 63 |
| 21) Hexachlorobenzene | 17.03 | 284 | 6238 | 1.753 | ng | # | 82 |
| 22) Pentachlorophenol | 17.37 | 266 | 2031 | 2.465 | ng | # | 71 |
| 23) Phenanthrene | 17.74 | 178 | 30631 | 1.645 | ng | | 99 |
| 24) Anthracene | 17.83 | 178 | 29370 | 1.770 | ng | | 95 |
| 26) Fluoranthene | 19.71 | 202 | 39412 | 1.763 | ng | | 98 |
| 28) Pyrene | 20.06 | 202 | 44708 | 1.624 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.78 | 228 | 36223 | 1.778 | ng | | 97 |
| 31) Chrysene | 21.84 | 228 | 34908 | 1.695 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.65 | 149 | 80633 | 2.846 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 27.23 | 276 | 34834 | 1.860 | ng | | 95 |
| 35) Benzo(b)fluoranthene | 23.61 | 252 | 33406 | 1.617 | ng | # | 87 |
| 36) Benzo(k)fluoranthene | 23.67 | 252 | 34571 | 1.635 | ng | | 97 |
| 37) Benzo(a)pyrene | 24.31 | 252 | 31212 | 1.648 | ng | # | 93 |
| 38) Dibenzo(a,h)anthracene | 27.25 | 278 | 28409 | 1.781 | ng | # | 94 |
| 39) Benzo(g,h,i)perylene | 28.11 | 276 | 28927 | 1.673 | ng | # | 91 |

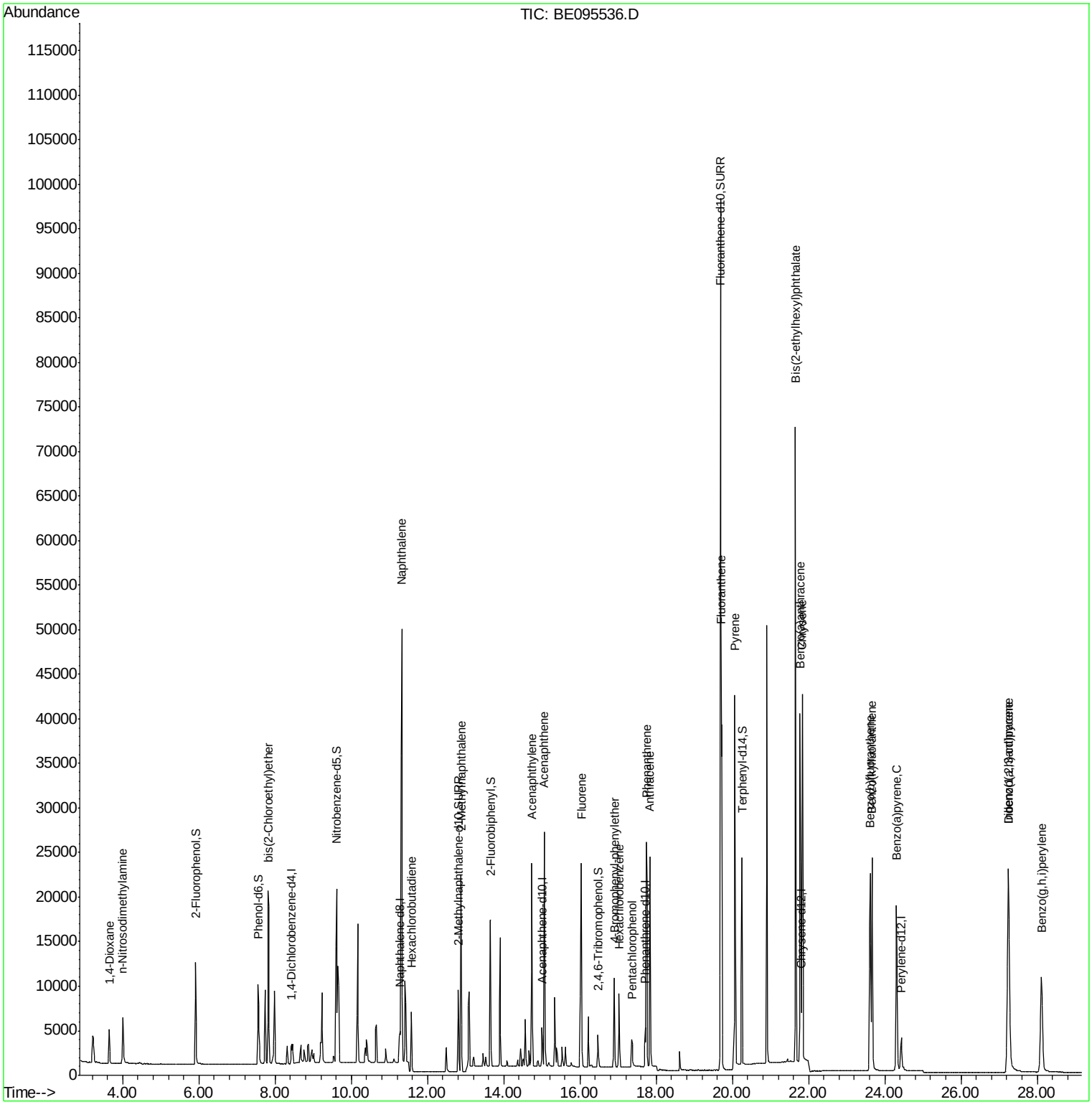
(#) = qualifier out of range (m) = manual integration (+) = signals summed

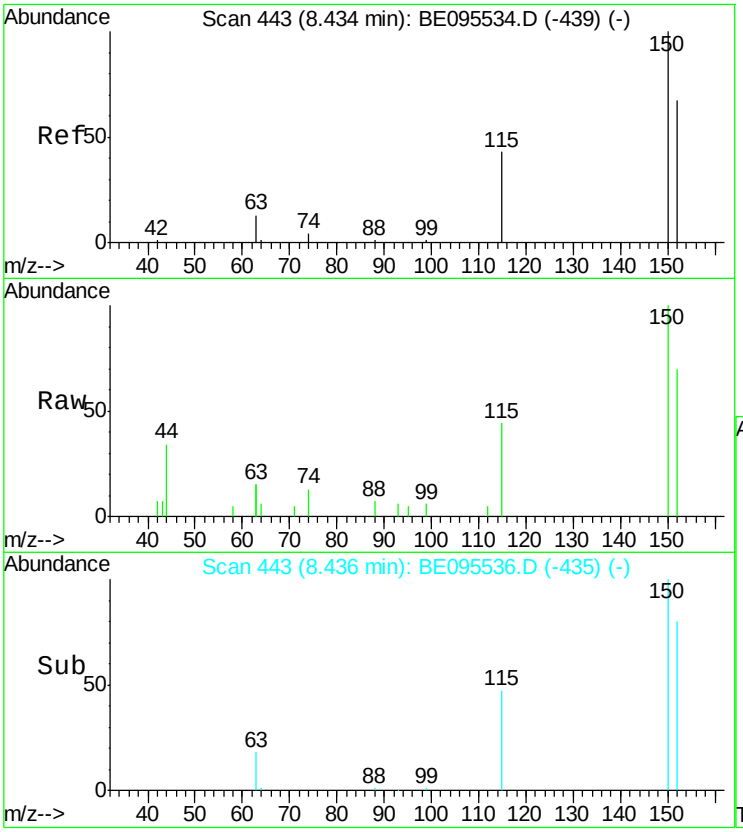
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE020618\
Data File : BE095536.D
Acq On : 6 Feb 2018 19:15
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC1.6

Quant Time: Feb 06 20:05:04 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE020618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 19:56:54 2018
Response via : Initial Calibration



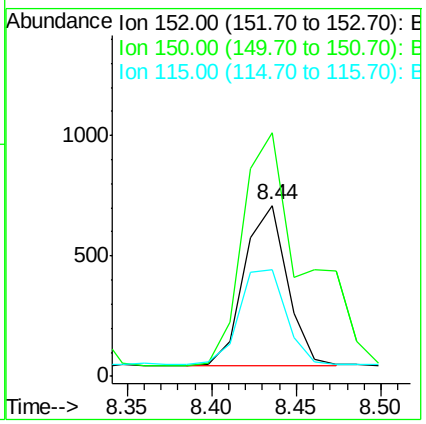


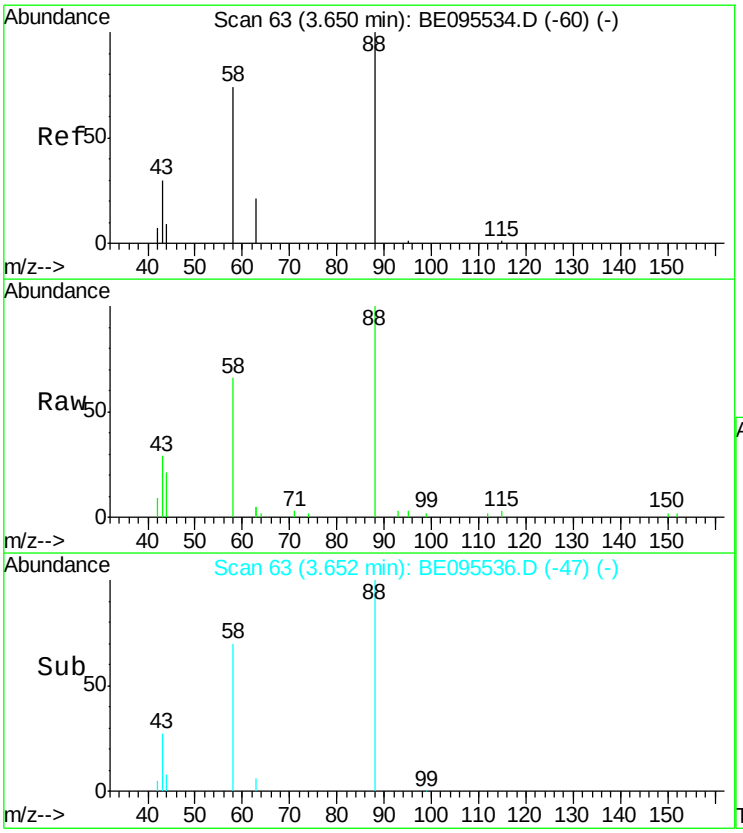

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.44 min Scan# 443
Delta R.T. 0.00 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC1.6

Tgt Ion:152 Resp: 1162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 142.4 | 117.2 | 175.8 |
| 115 | 62.7 | 57.0 | 85.6 |

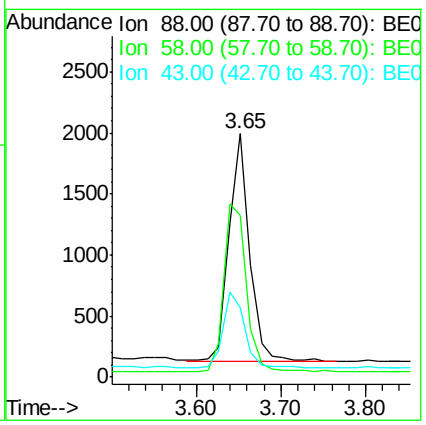


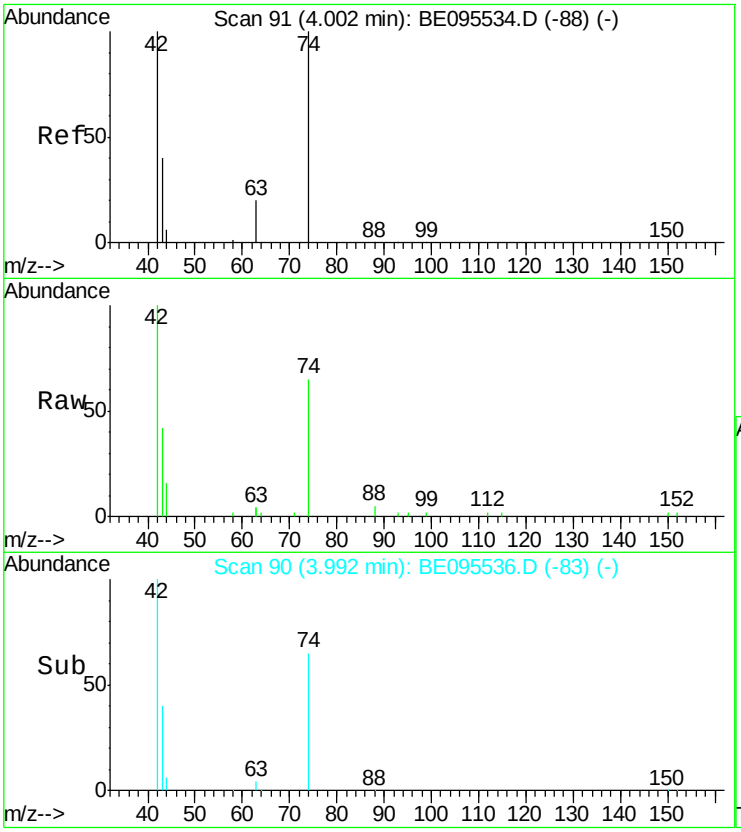




#2
1,4-Dioxane
Concen: 2.770 ng
RT: 3.65 min Scan# 63
Delta R.T. 0.00 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

Tgt Ion: 88 Resp: 3166

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 79.3 | 63.2 | 94.8 |
| 43 | 34.3 | 41.2 | 61.8# |



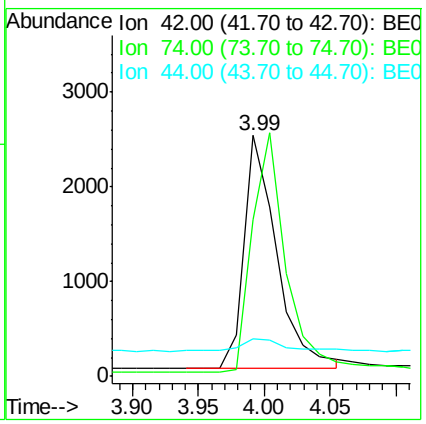


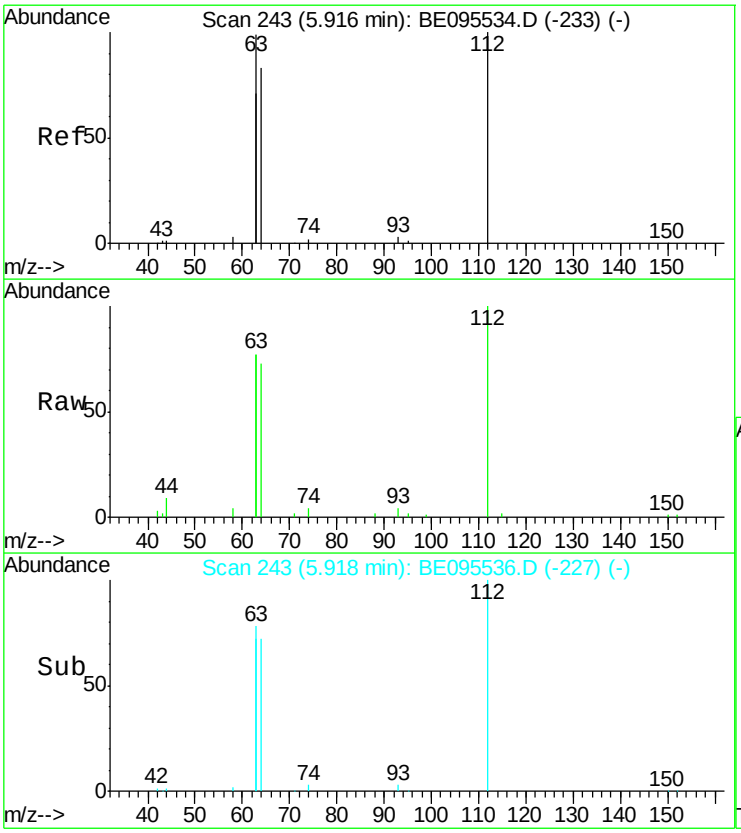

#3
n-Nitrosodimethylamine
Concen: 3.085 ng
RT: 3.99 min Scan# 90
Delta R.T. -0.01 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC1.6

Tgt Ion: 42 Resp: 4206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 105.0 | 96.0 | 144.0 |
| 44 | 7.5 | 12.0 | 18.0# |

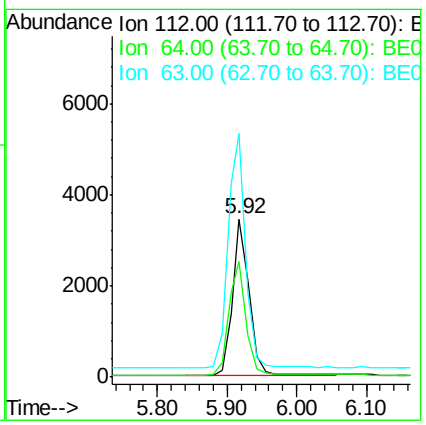


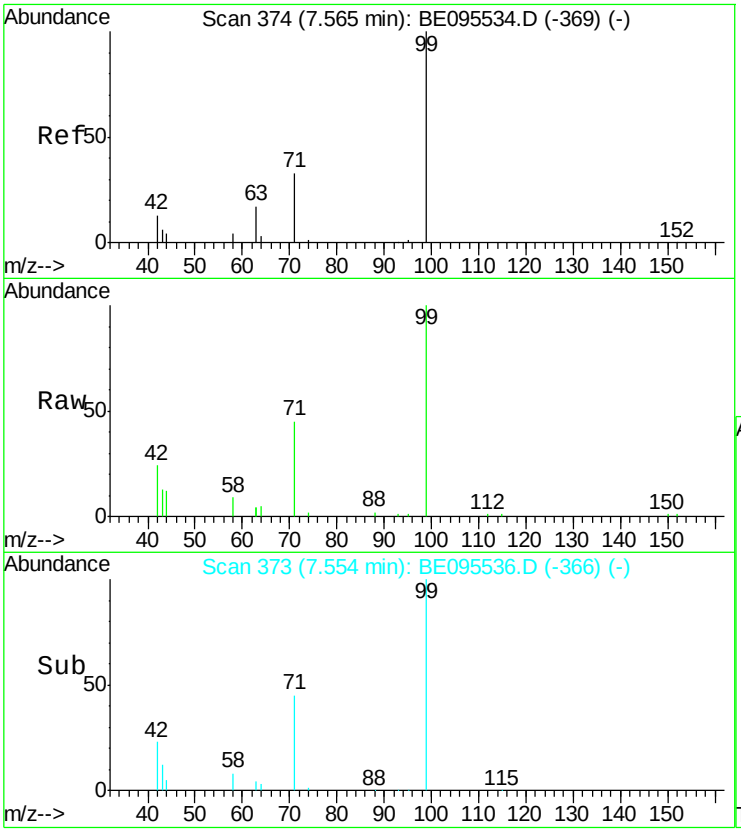




#4
2-Fluorophenol
Concen: 3.035 ng
RT: 5.92 min Scan# 243
Delta R.T. 0.00 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

Tgt Ion:112 Resp: 5708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 75.2 | 60.1 | 90.1 |
| 63 | 161.4 | 116.8 | 175.2 |



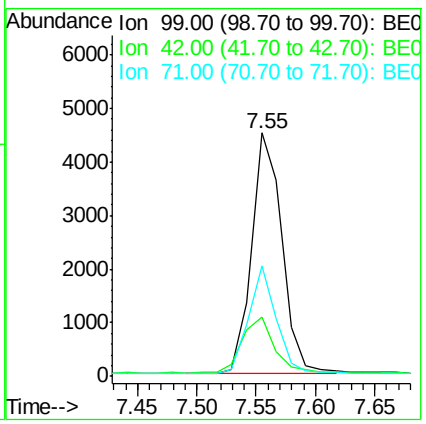


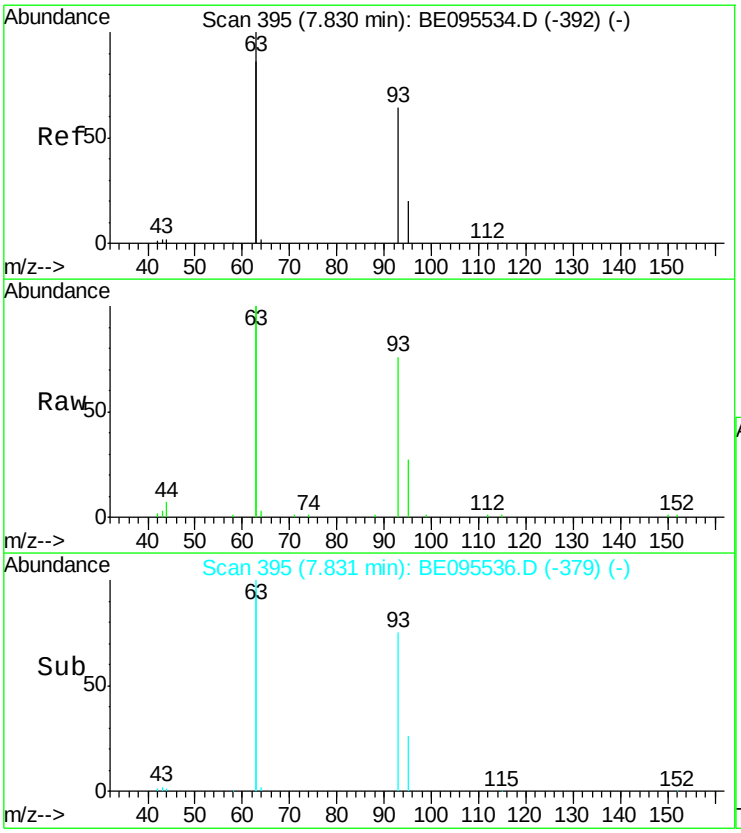

#5
Phenol-d6
Concen: 2.837 ng
RT: 7.55 min Scan# 373
Delta R.T. -0.01 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC1.6

Tgt Ion: 99 Resp: 8089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 24.5 | 20.2 | 30.2 |
| 71 | 40.9 | 28.4 | 42.6 |

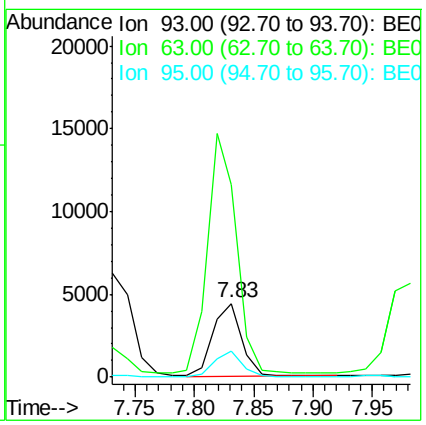


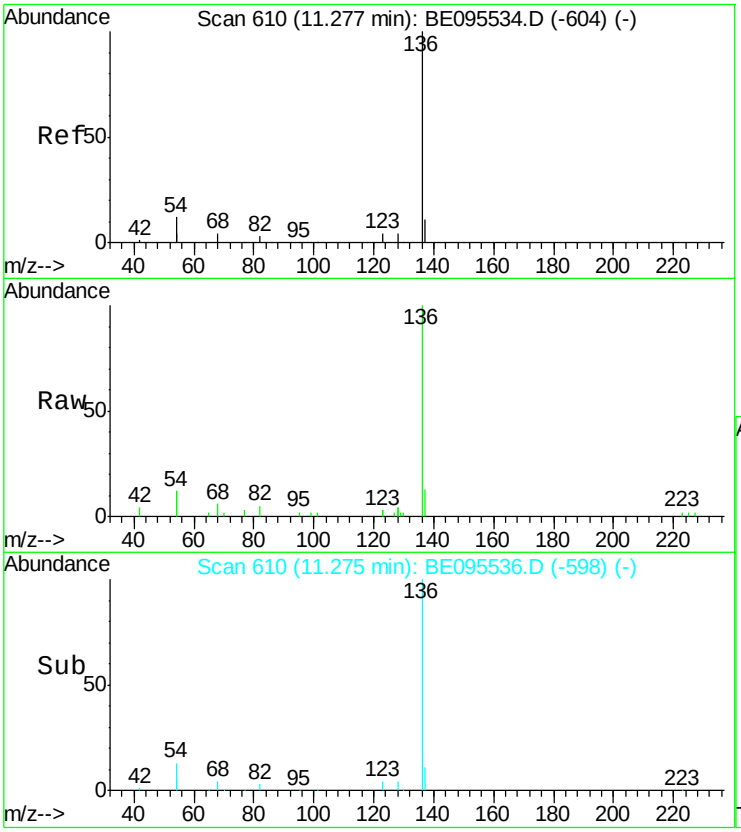




#6
bis(2-Chloroethyl)ether
Concen: 2.774 ng
RT: 7.83 min Scan# 395
Delta R.T. 0.00 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

Tgt Ion: 93 Resp: 7368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 332.0 | 275.3 | 412.9 |
| 95 | 32.5 | 25.2 | 37.8 |



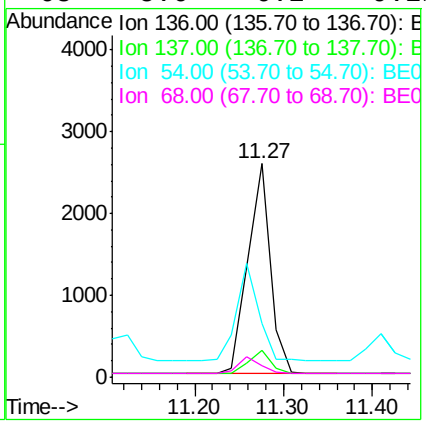


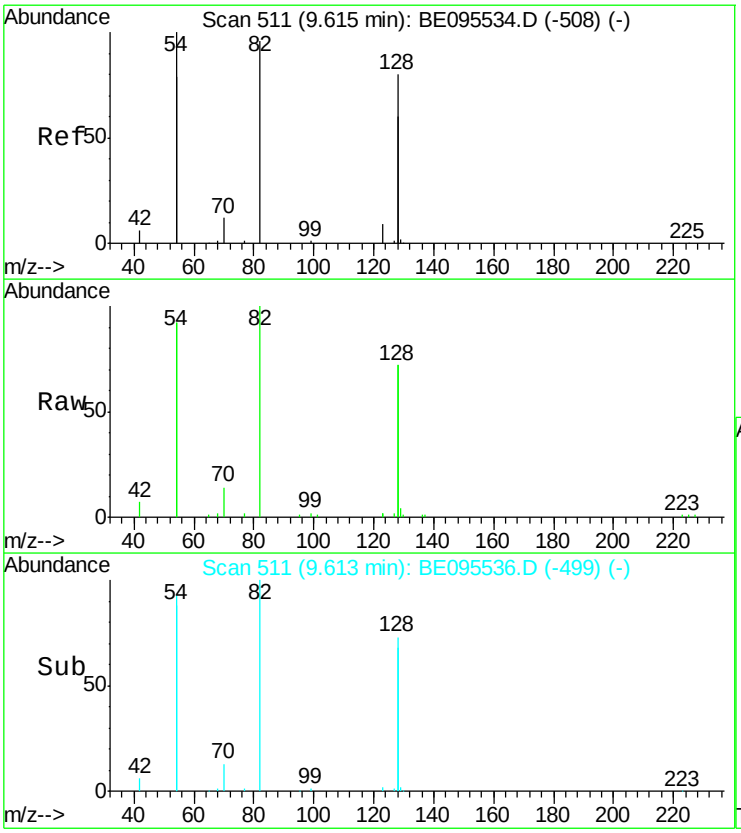

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.27 min Scan# 610
Delta R.T. -0.00 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC1.6

Tgt Ion:136 Resp: 4521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.6 | 9.5 | 14.3 |
| 54 | 24.9 | 29.1 | 43.7# |
| 68 | 5.6 | 6.2 | 9.2# |

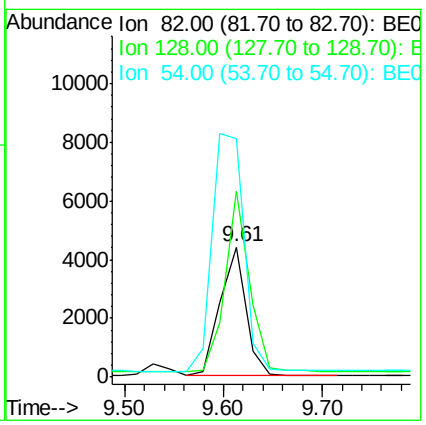


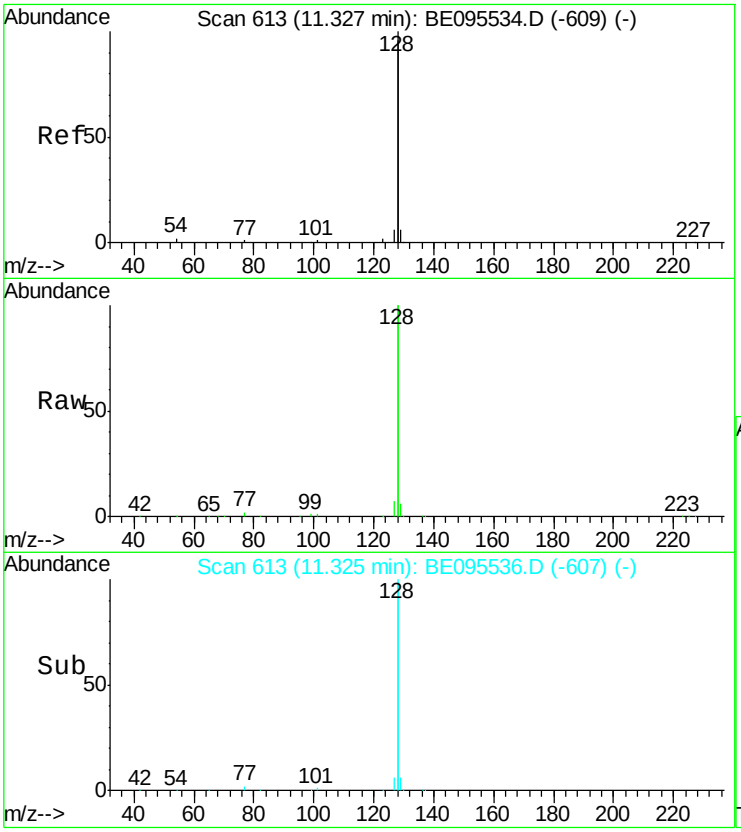




#8
Nitrobenzene-d5
Concen: 1.930 ng
RT: 9.61 min Scan# 511
Delta R.T. -0.00 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

Tgt Ion: 82 Resp: 7942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 143.6 | 150.0 | 225.0# |
| 54 | 183.2 | 154.2 | 231.4 |



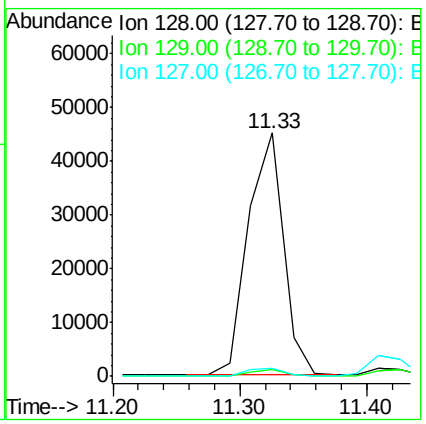


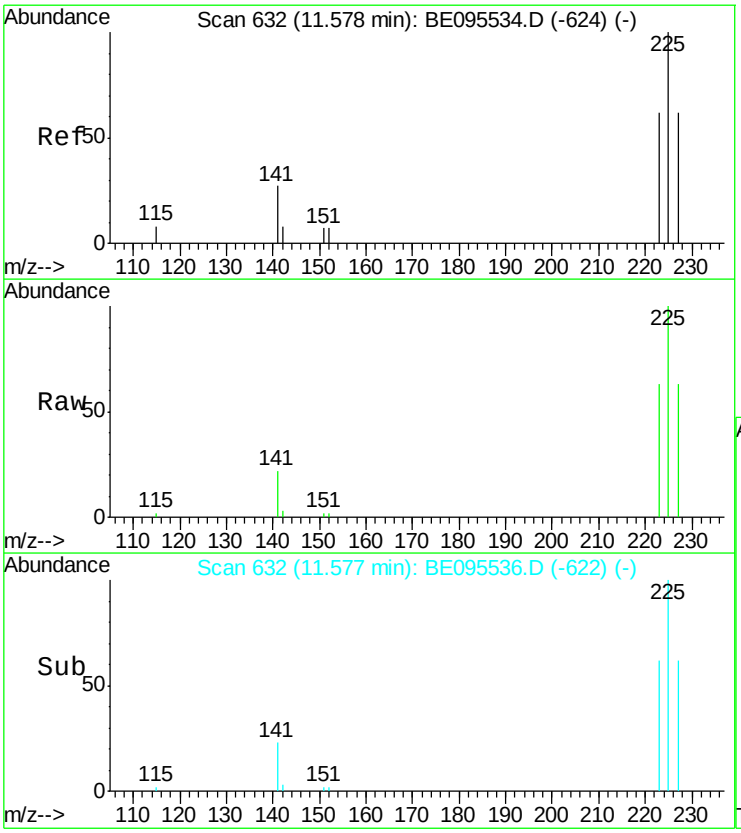

#9
Naphthalene
Concen: 1.675 ng
RT: 11.33 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC1.6

Tgt Ion:128 Resp: 86632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 2.9 | 2.6 | 3.8 |
| 127 | 3.3 | 2.8 | 4.2 |

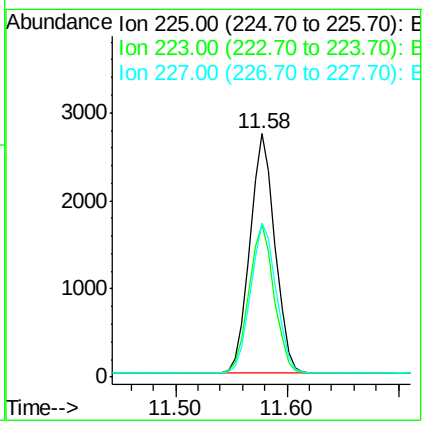


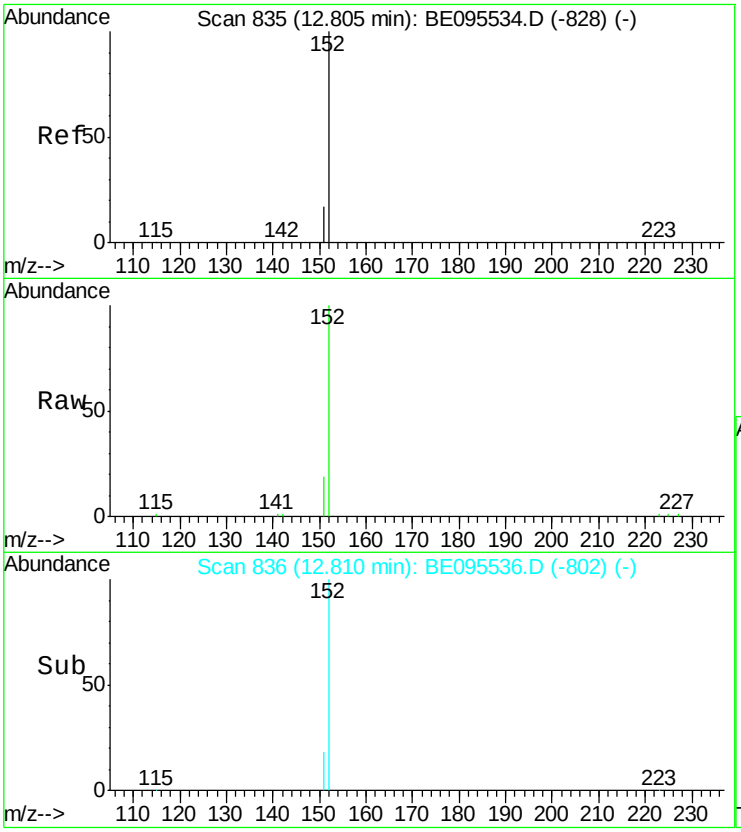




#10
Hexachlorobutadiene
Concen: 2.138 ng
RT: 11.58 min Scan# 632
Delta R.T. -0.00 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

Tgt Ion:225 Resp: 4959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.8 | 53.0 | 79.6 |
| 227 | 64.8 | 51.4 | 77.2 |



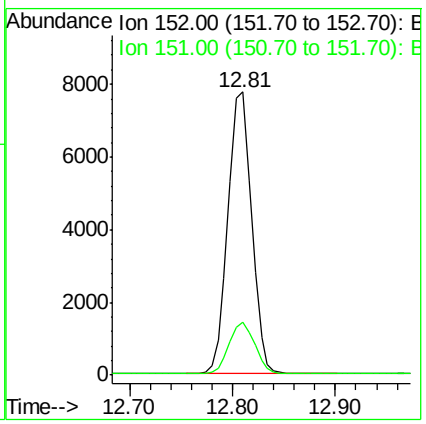


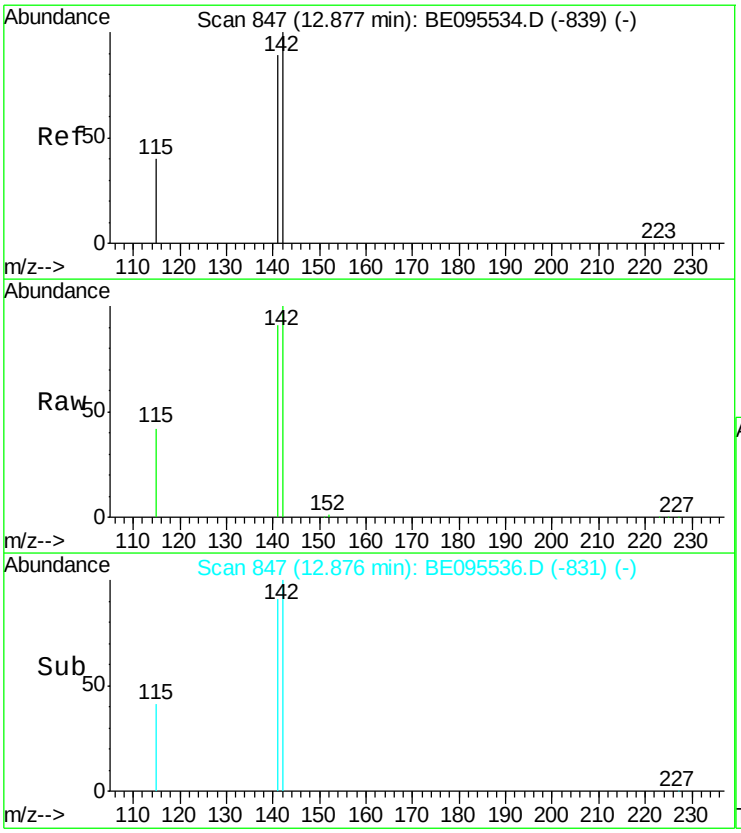

#11
2-Methylnaphthalene-d10
Concen: 1.640 ng
RT: 12.81 min Scan# 836
Delta R.T. 0.01 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC1.6

Tgt Ion:152 Resp: 12309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.6 | 15.4 | 23.0 |

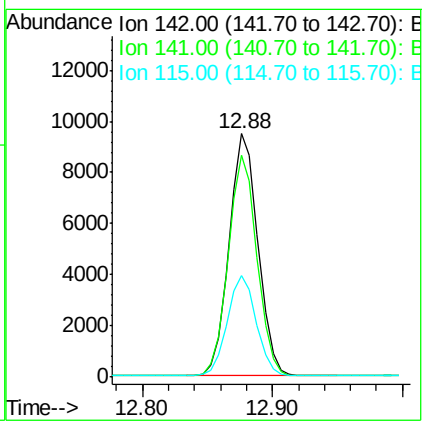


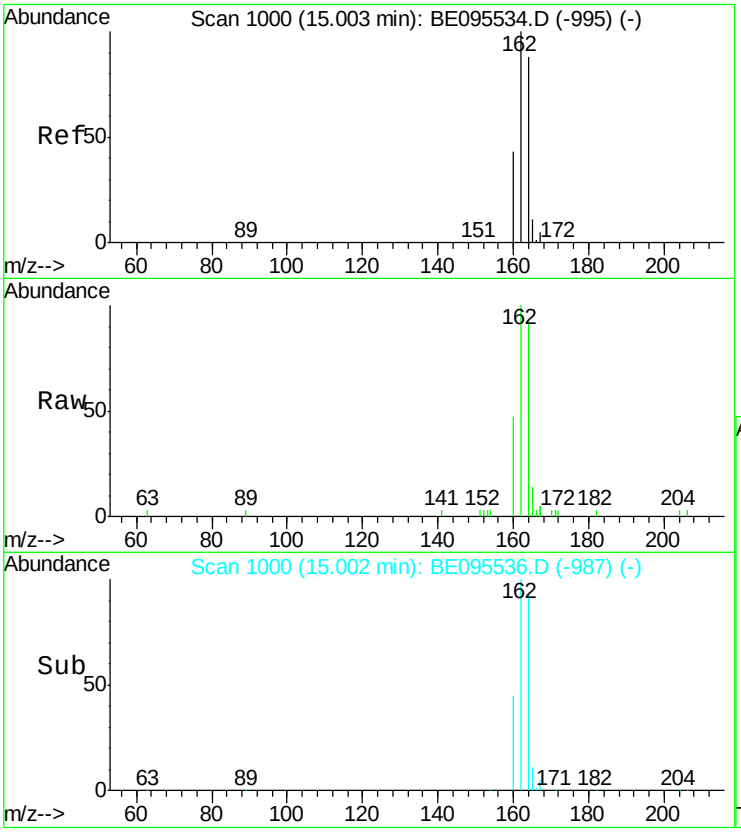




#12
2-Methylnaphthalene
Concen: 1.654 ng
RT: 12.88 min Scan# 847
Delta R.T. -0.00 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

Tgt Ion:142 Resp: 14671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.2 | 70.4 | 105.6 |
| 115 | 41.8 | 31.7 | 47.5 |



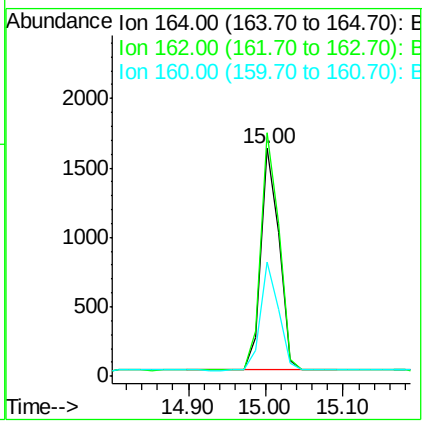


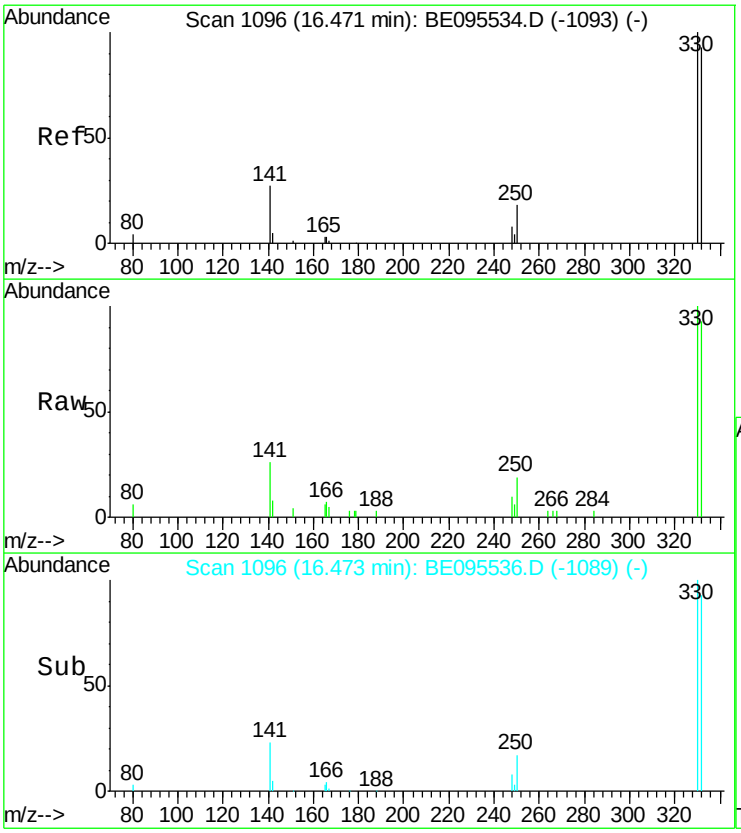

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC1.6

Tgt Ion:164 Resp: 2583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 107.0 | 83.1 | 124.7 |
| 160 | 50.1 | 37.1 | 55.7 |

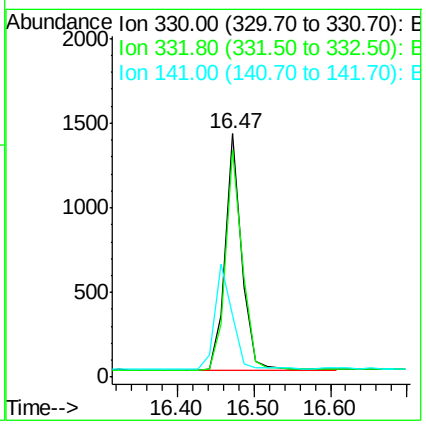


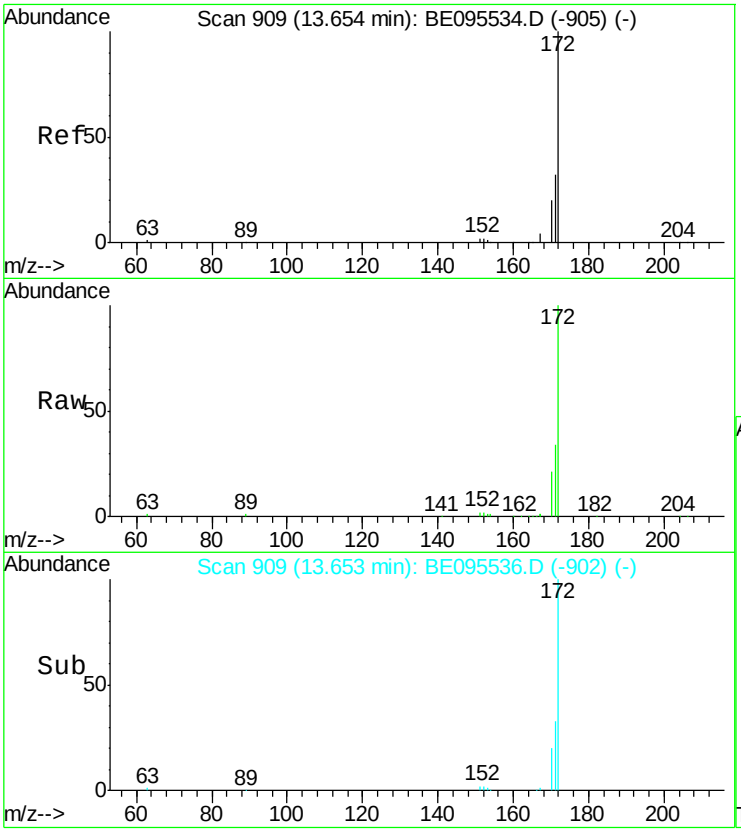




#14
2,4,6-Tribromophenol
Concen: 3.295 ng
RT: 16.47 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

Tgt Ion:330 Resp: 2064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.5 | 152.7 | 229.1# |
| 141 | 46.9 | 33.7 | 50.5 |



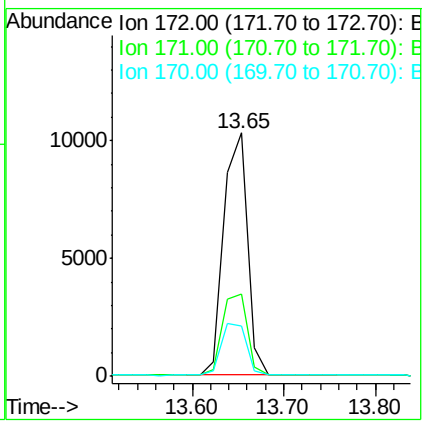


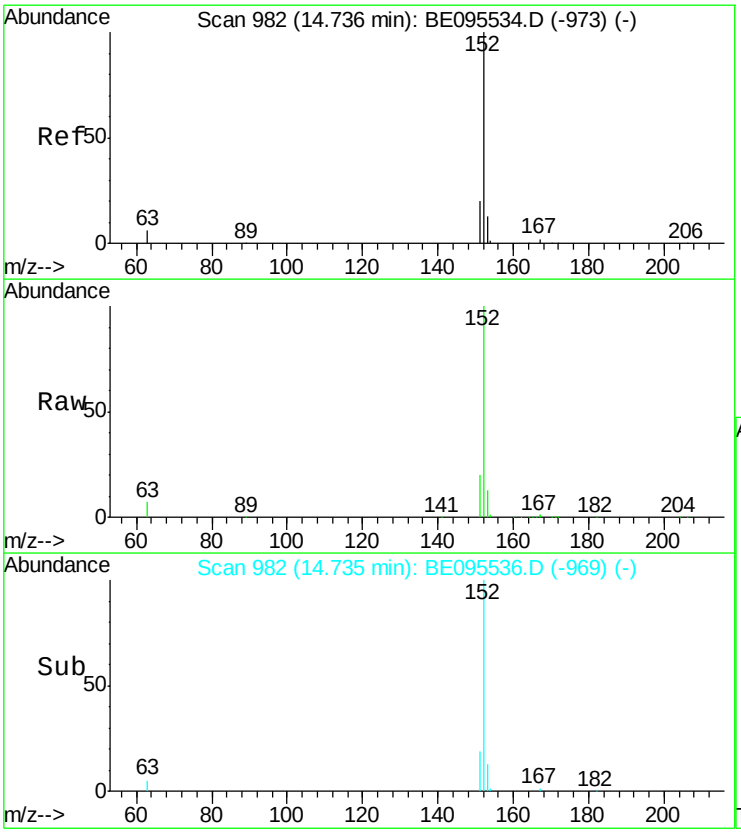

#15
2-Fluorobiphenyl
Concen: 1.621 ng
RT: 13.65 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC1.6

Tgt Ion:172 Resp: 18399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 33.6 | 29.9 | 44.9 |
| 170 | 20.5 | 21.8 | 32.8# |

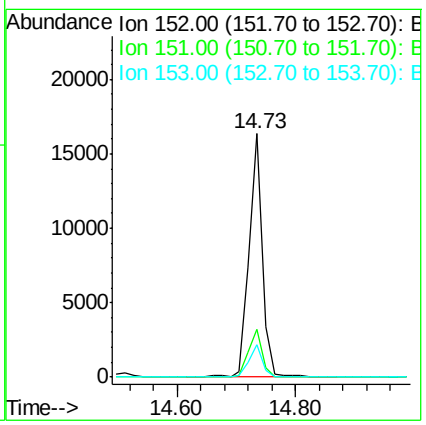


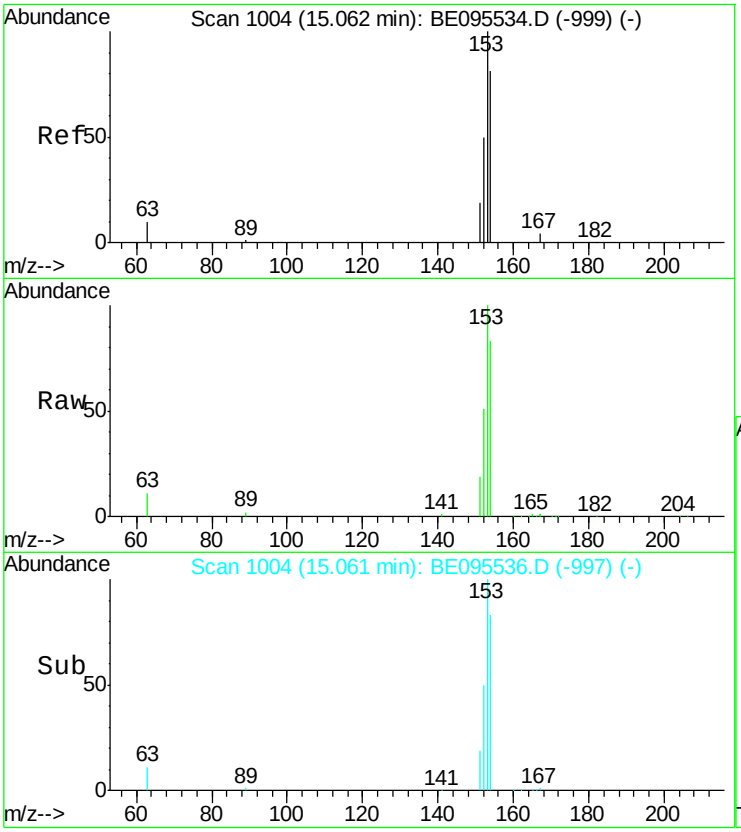




#16
Acenaphthylene
Concen: 1.787 ng
RT: 14.73 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

Tgt Ion:152 Resp: 24713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.6 | 15.7 | 23.5 |
| 153 | 12.9 | 10.5 | 15.7 |



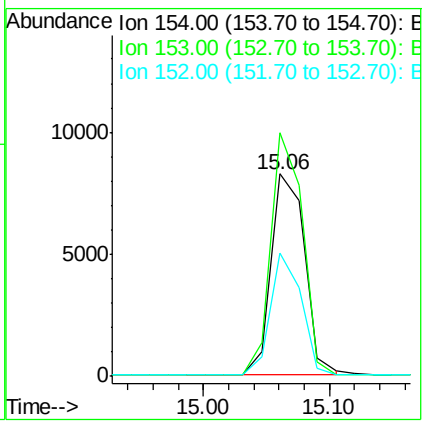


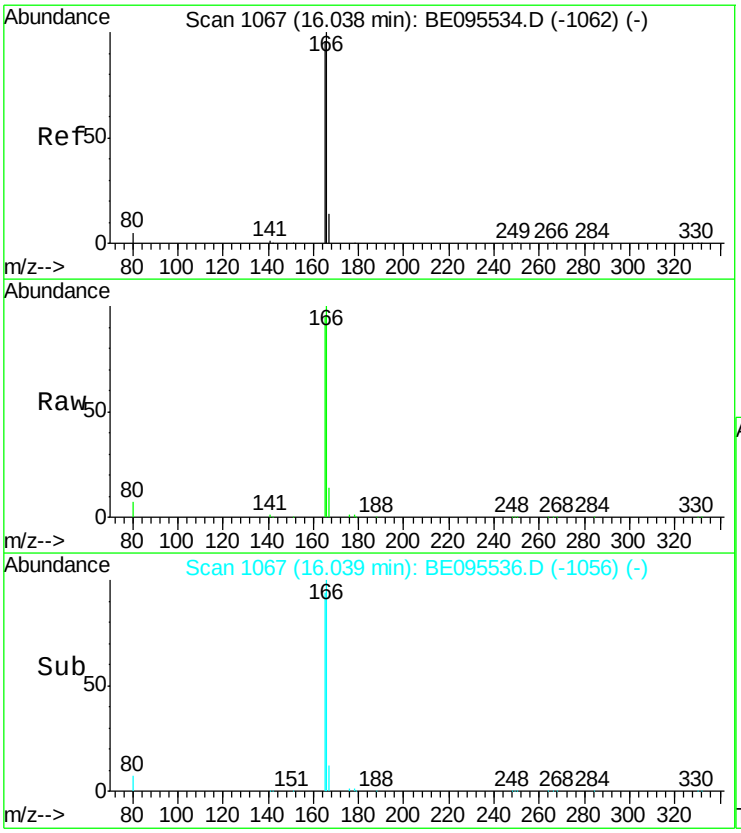

#17
Acenaphthene
Concen: 1.709 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC1.6

Tgt Ion:154 Resp: 15370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.5 | 89.2 | 133.8 |
| 152 | 55.7 | 42.0 | 63.0 |

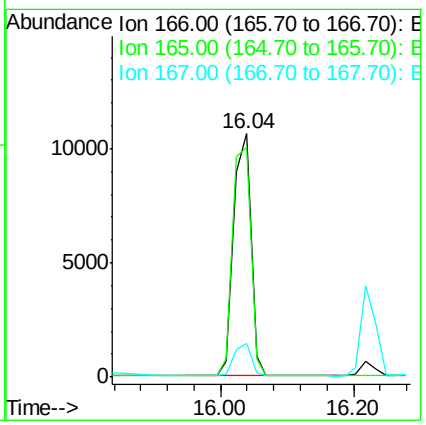


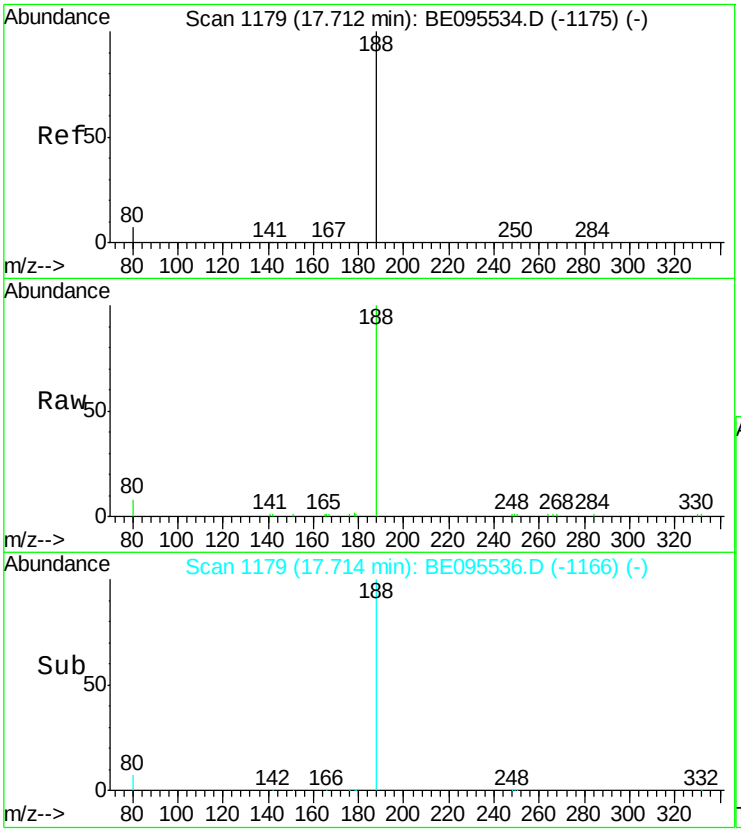




#18
Fluorene
Concen: 1.687 ng
RT: 16.04 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

Tgt Ion:166 Resp: 18954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.6 | 77.8 | 116.6 |
| 167 | 13.4 | 42.4 | 63.6# |



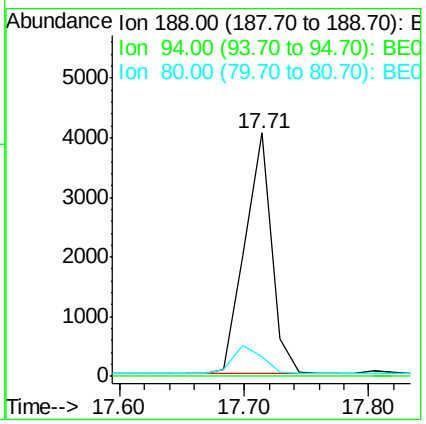


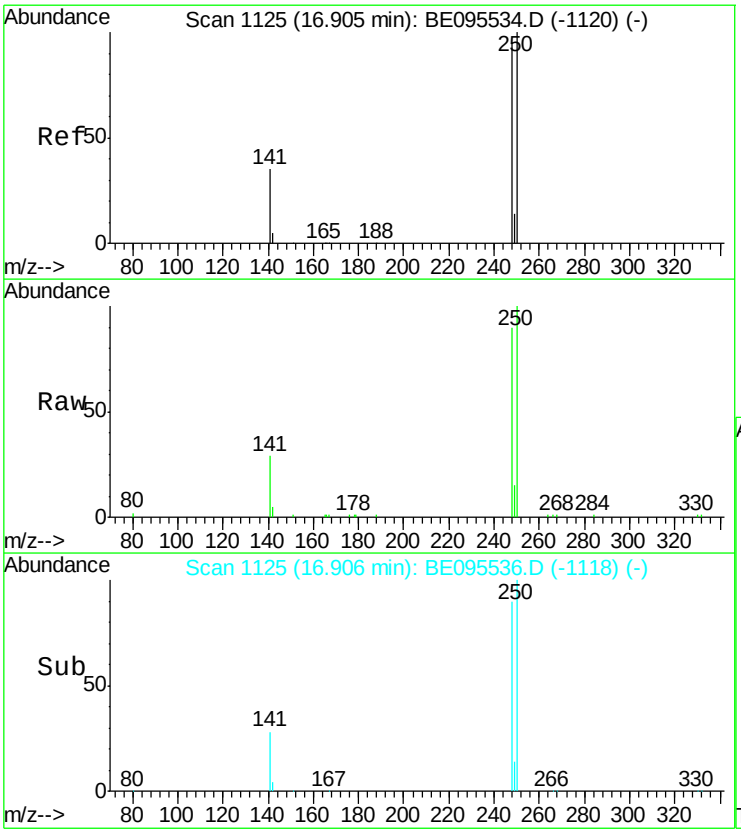

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC1.6

Tgt Ion:188 Resp: 6024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 3.9 | 5.9# |
| 80 | 8.0 | 3.6 | 5.4# |

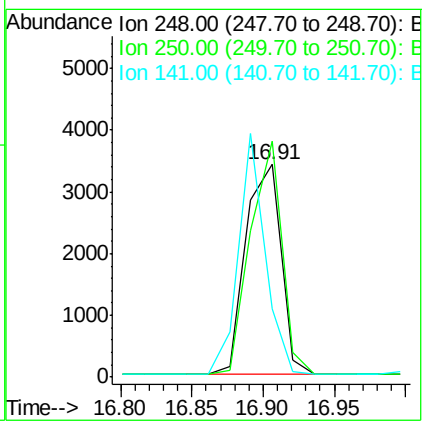


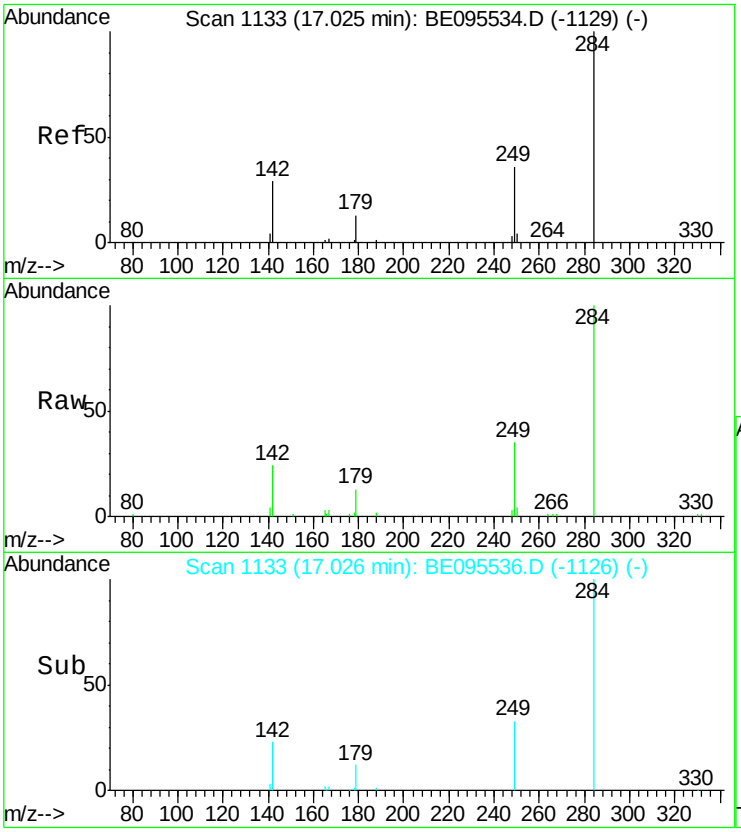




#20
4-Bromophenyl-phenylether
Concen: 1.672 ng
RT: 16.91 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

Tgt Ion:248 Resp: 5927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 110.9 | 62.7 | 94.1# |
| 141 | 32.0 | 48.2 | 72.2# |



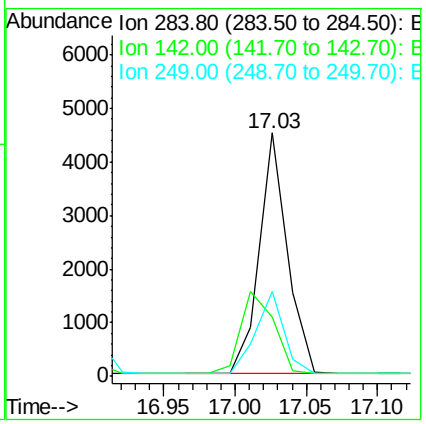


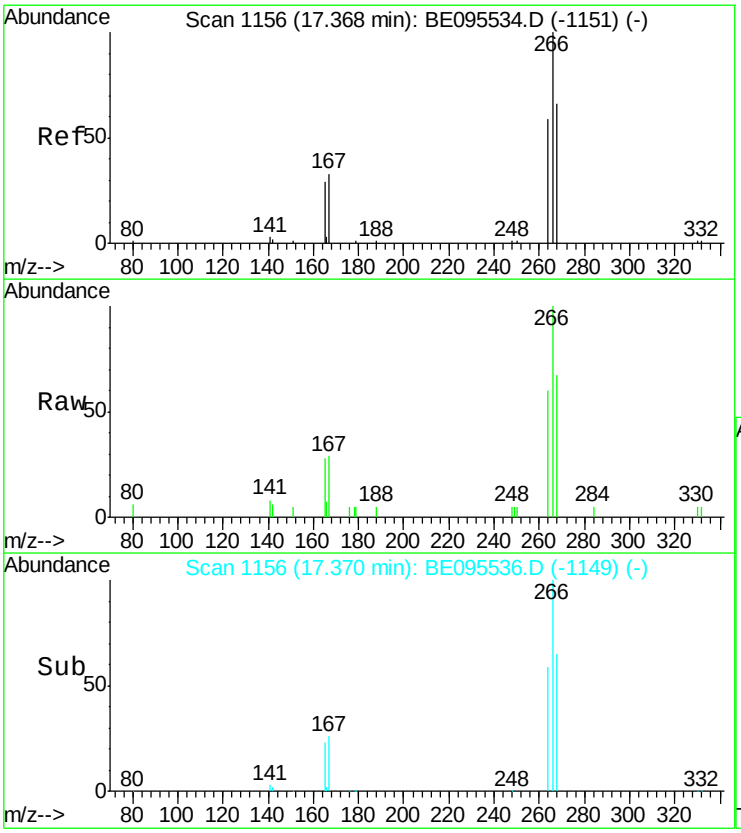

#21
Hexachlorobenzene
Concen: 1.753 ng
RT: 17.03 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC1.6

Tgt Ion:284 Resp: 6238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 40.3 | 22.1 | 33.1# |
| 249 | 34.3 | 34.8 | 52.2# |

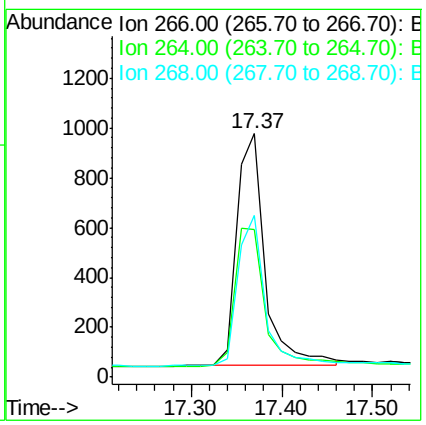


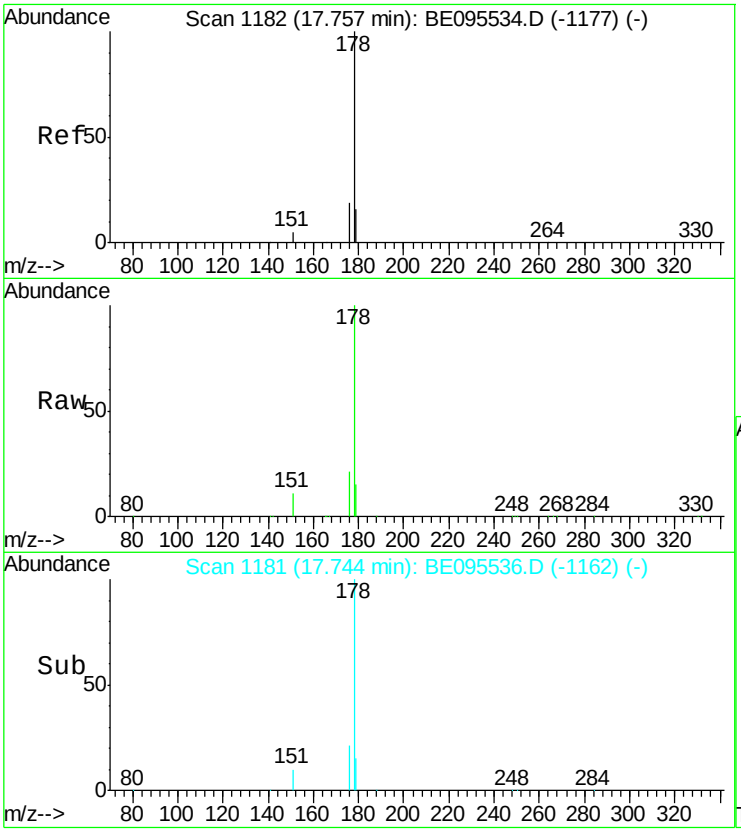




#22
Pentachlorophenol
Concen: 2.465 ng
RT: 17.37 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

Tgt Ion:266 Resp: 2031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 60.5 | 72.5 | 108.7# |
| 268 | 66.5 | 73.8 | 110.6# |



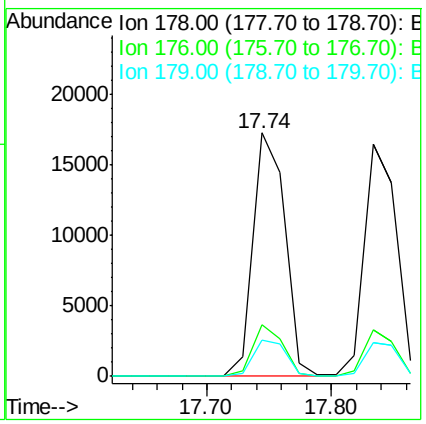


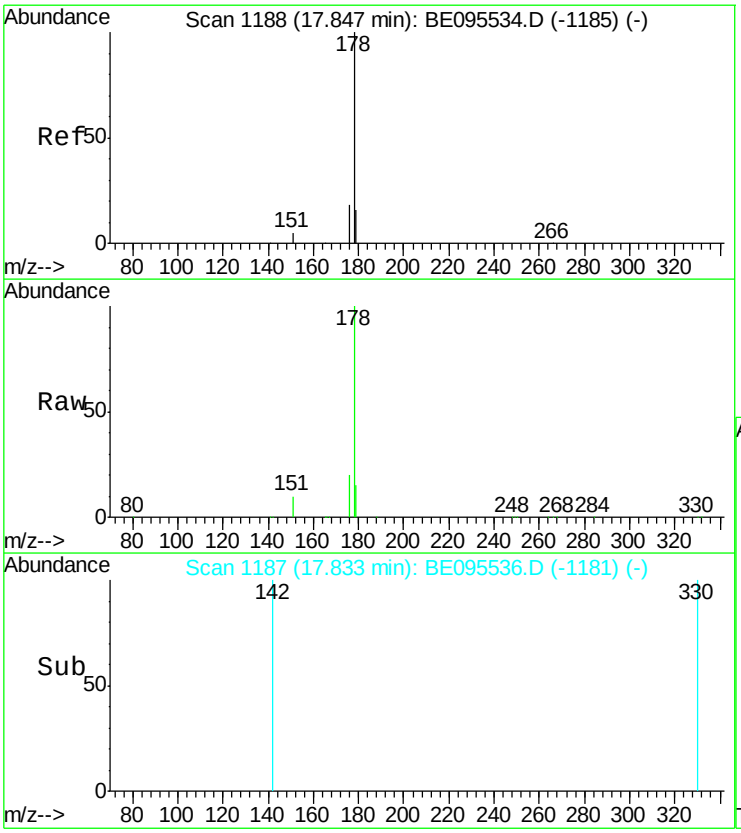

#23
Phenanthrene
Concen: 1.645 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC1.6

Tgt Ion:178 Resp: 30631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 15.1 | 22.7 |
| 179 | 15.2 | 11.8 | 17.6 |

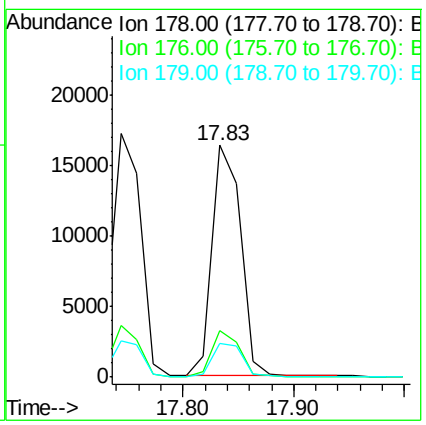


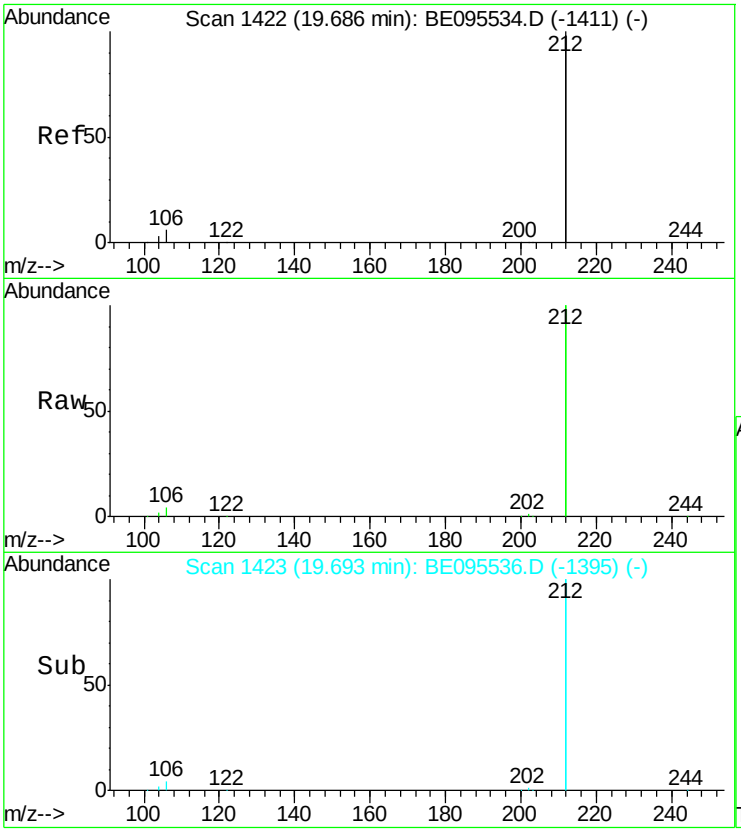




#24
Anthracene
Concen: 1.770 ng
RT: 17.83 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

Tgt Ion:178 Resp: 29370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.0 | 12.8 | 19.2 |
| 179 | 15.0 | 13.0 | 19.6 |



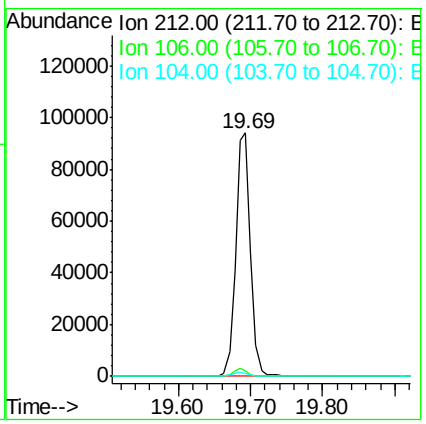


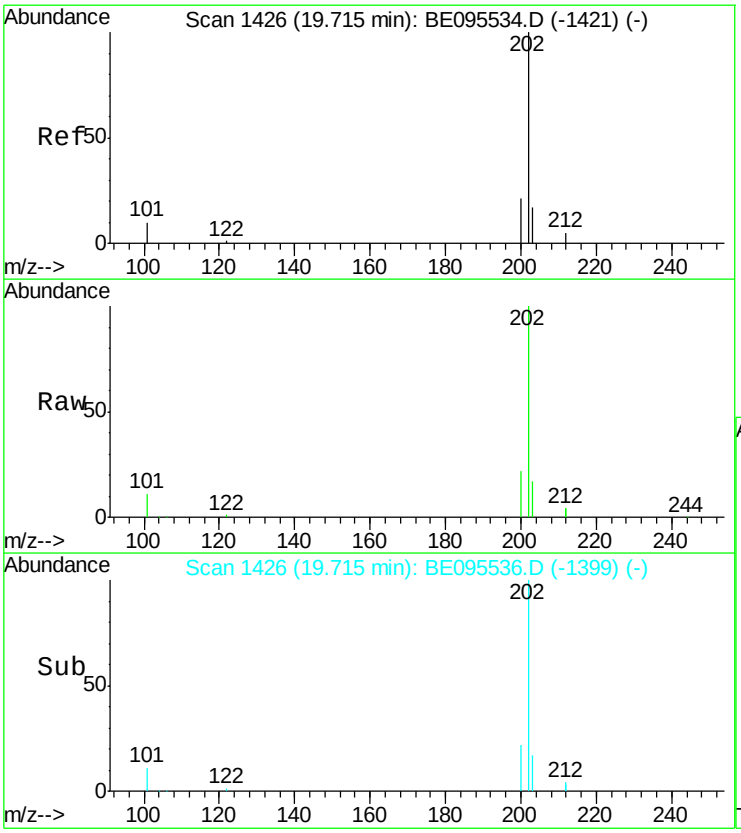

#25
Fluoranthene-d10
Concen: 1.756 ng
RT: 19.69 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC1.6

Tgt Ion:212 Resp: 133043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 2.9 | 2.8 | 4.2 |
| 104 | 1.7 | 1.6 | 2.4 |

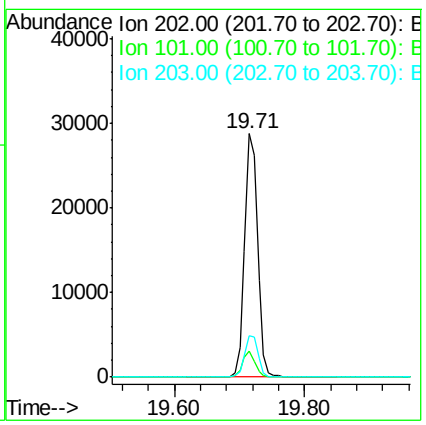


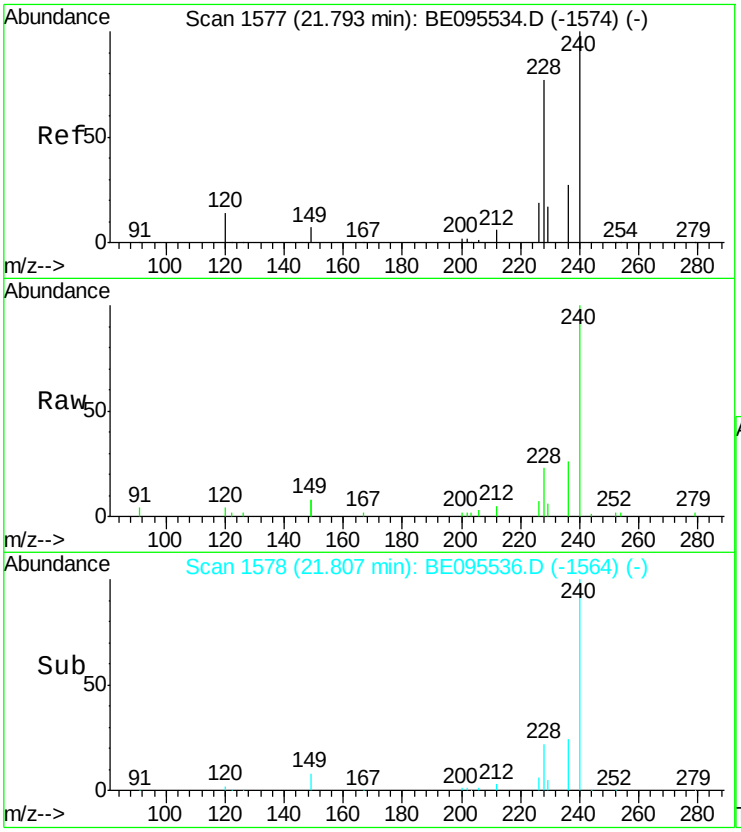




#26
Fluoranthene
Concen: 1.763 ng
RT: 19.71 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

Tgt Ion:202 Resp: 39412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.2 | 9.8 | 14.8 |
| 203 | 17.2 | 13.7 | 20.5 |



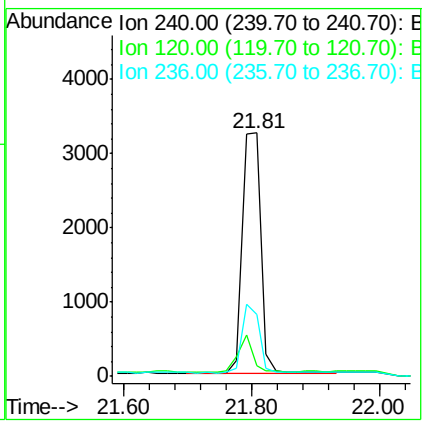


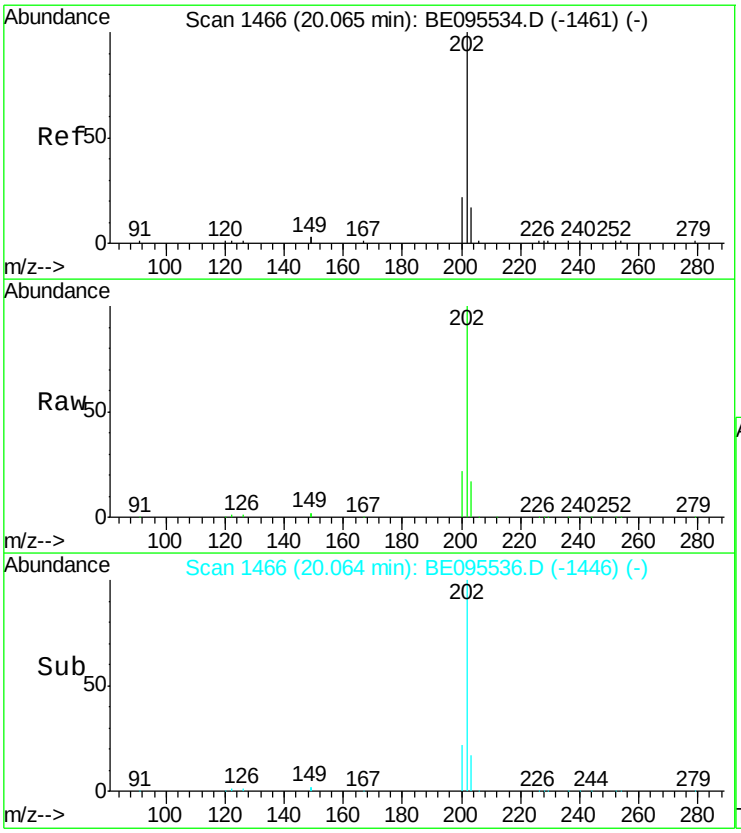

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.81 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC1.6

Tgt Ion:240 Resp: 6513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 4.2 | 5.5 | 8.3# |
| 236 | 25.7 | 20.7 | 31.1 |

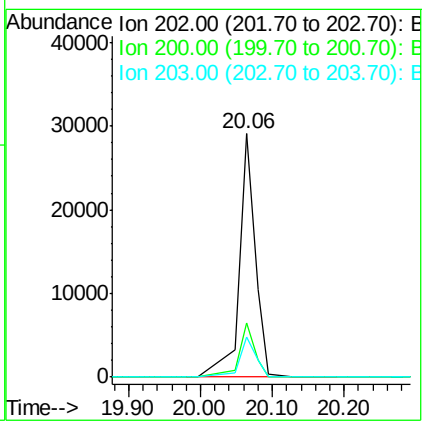


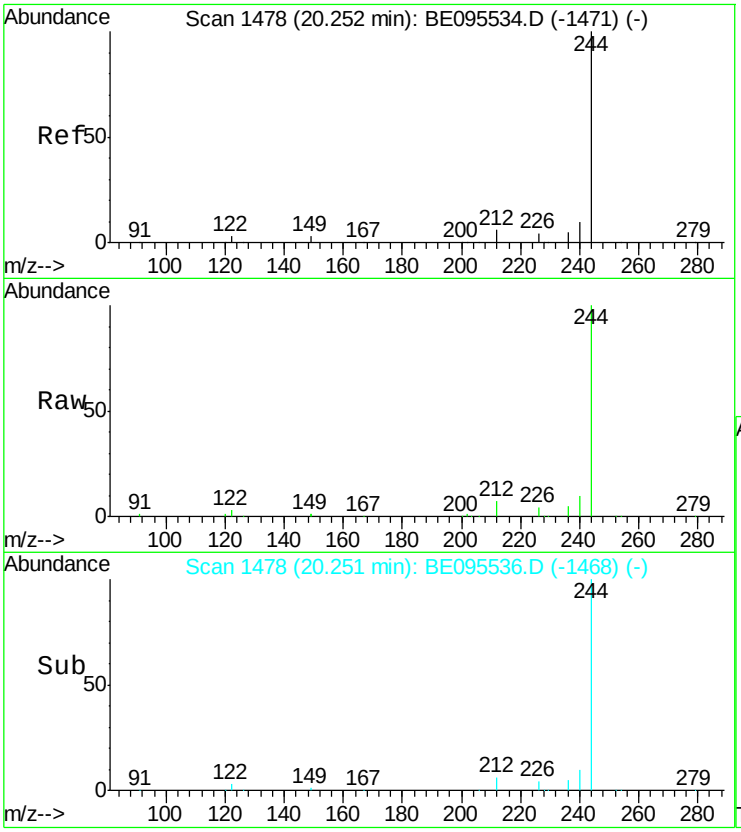




#28
Pyrene
Concen: 1.624 ng
RT: 20.06 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

Tgt Ion:202 Resp: 44708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.6 | 16.6 | 25.0 |
| 203 | 17.0 | 13.8 | 20.8 |



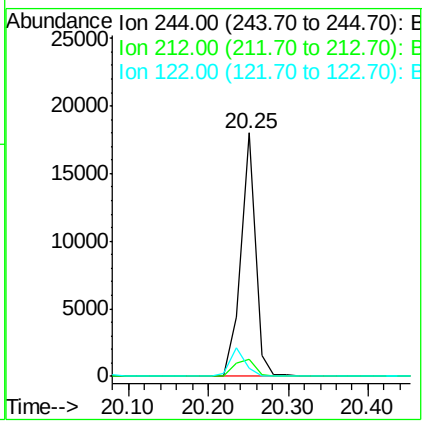


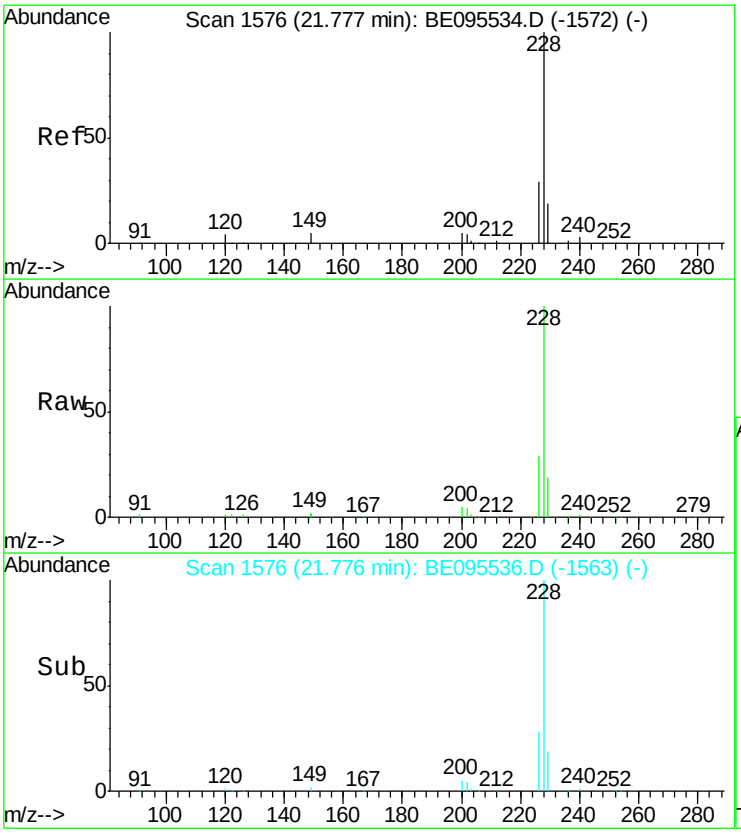

#29
Terphenyl-d14
Concen: 1.685 ng
RT: 20.25 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC1.6

Tgt Ion:244 Resp: 22465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.8 | 25.4 | 38.0# |
| 122 | 3.1 | 8.1 | 12.1# |

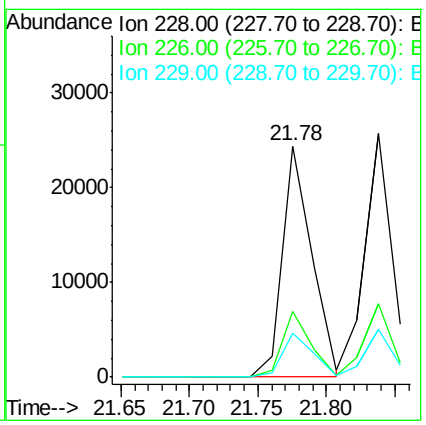


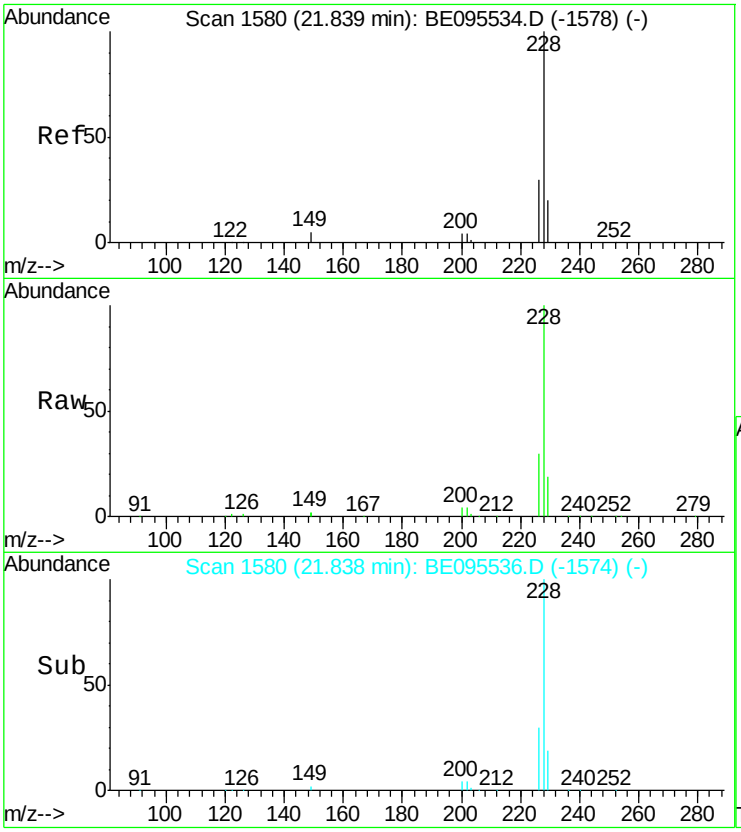




#30
Benzo(a)anthracene
Concen: 1.778 ng
RT: 21.78 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

Tgt Ion:228 Resp: 36223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.6 | 24.0 | 36.0 |
| 229 | 18.9 | 16.0 | 24.0 |



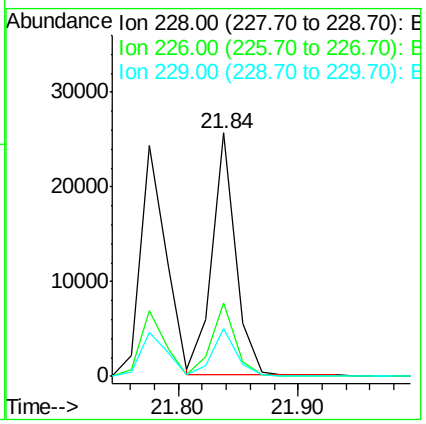


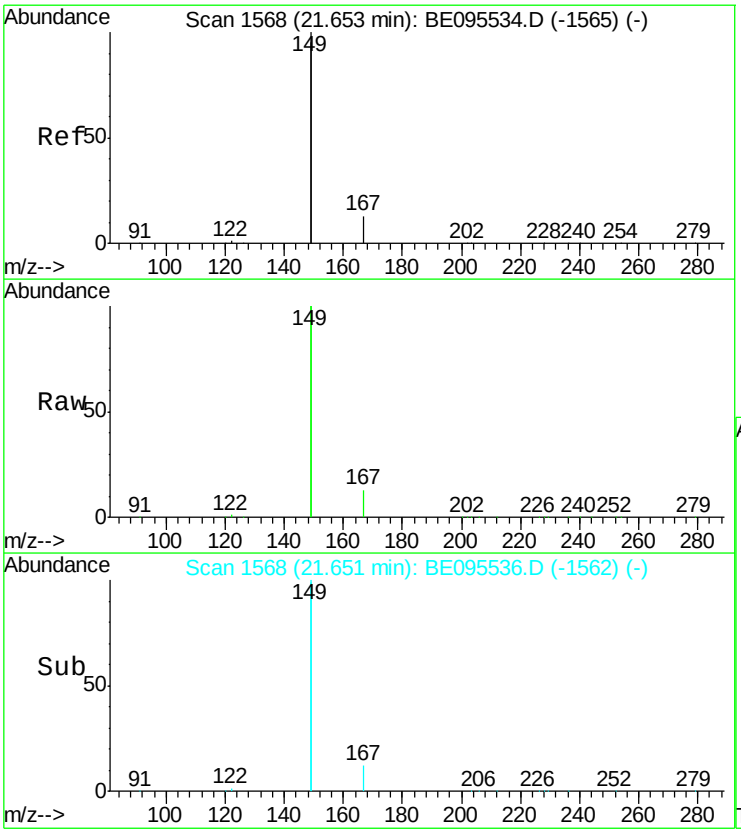

#31
Chrysene
Concen: 1.695 ng
RT: 21.84 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC1.6

Tgt Ion:228 Resp: 34908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.4 | 24.0 | 36.0 |
| 229 | 19.5 | 16.0 | 24.0 |

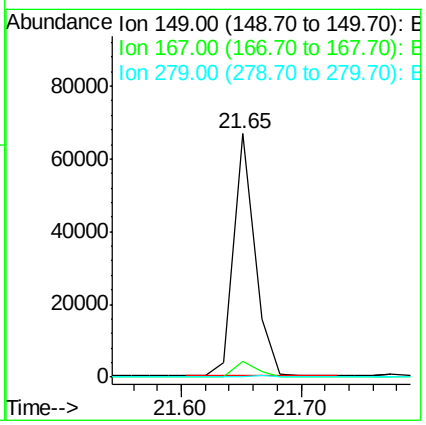


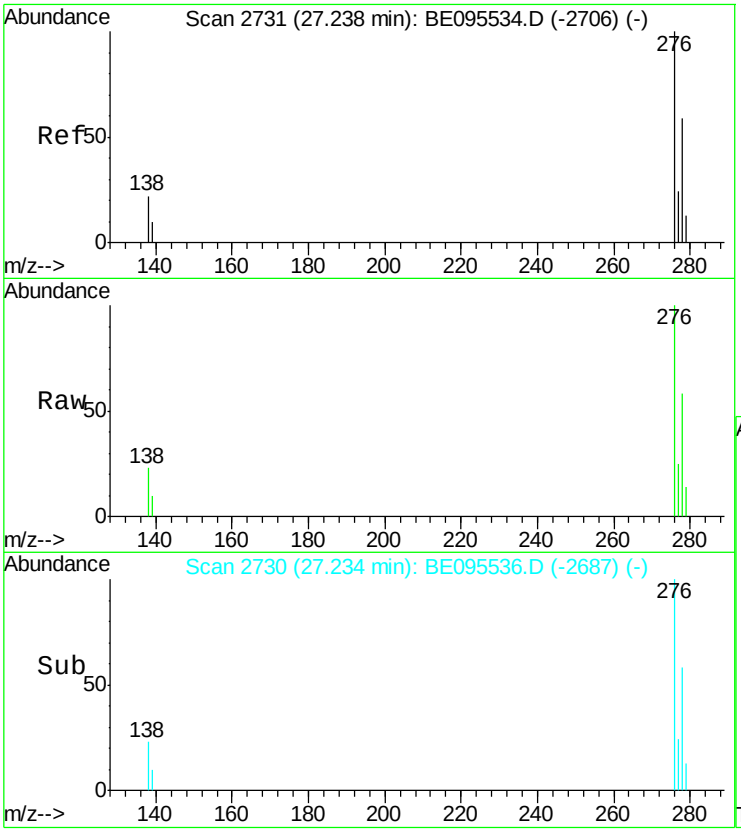




#32
Bis(2-ethylhexyl)phthalate
Concen: 2.846 ng
RT: 21.65 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

Tgt Ion:149 Resp: 80633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 6.6 | 5.4 | 8.0 |
| 279 | 0.8 | 0.7 | 1.1 |



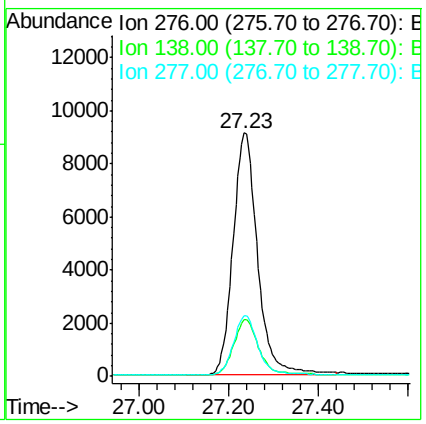


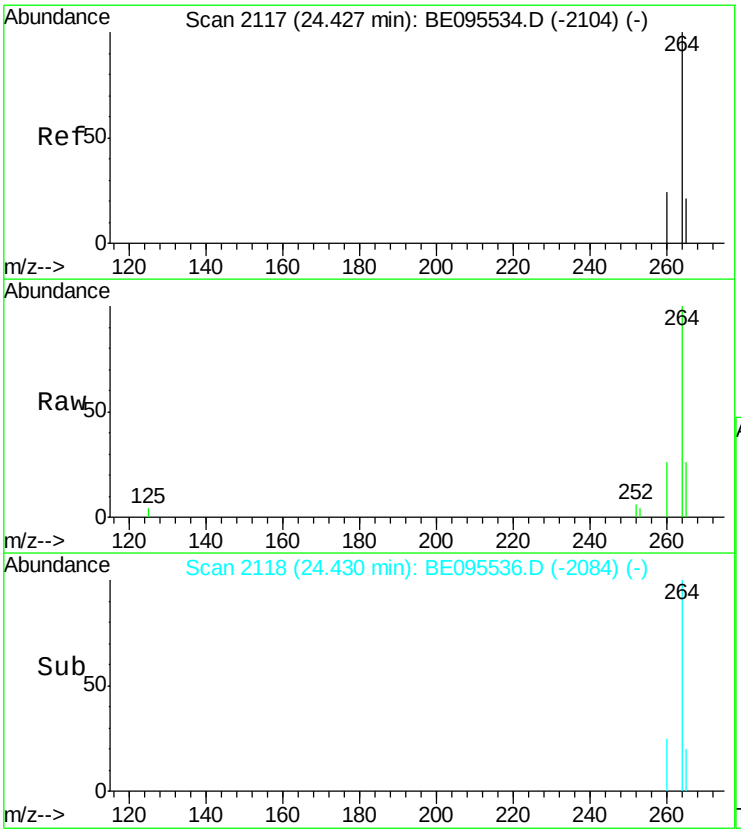

#33
Indeno(1,2,3-cd)pyrene
Concen: 1.860 ng
RT: 27.23 min Scan# 2730
Delta R.T. -0.00 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC1.6

Tgt Ion:276 Resp: 34834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 23.4 | 22.5 | 33.7 |
| 277 | 24.3 | 19.9 | 29.9 |

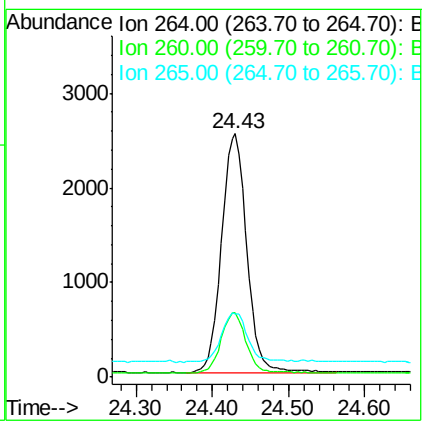


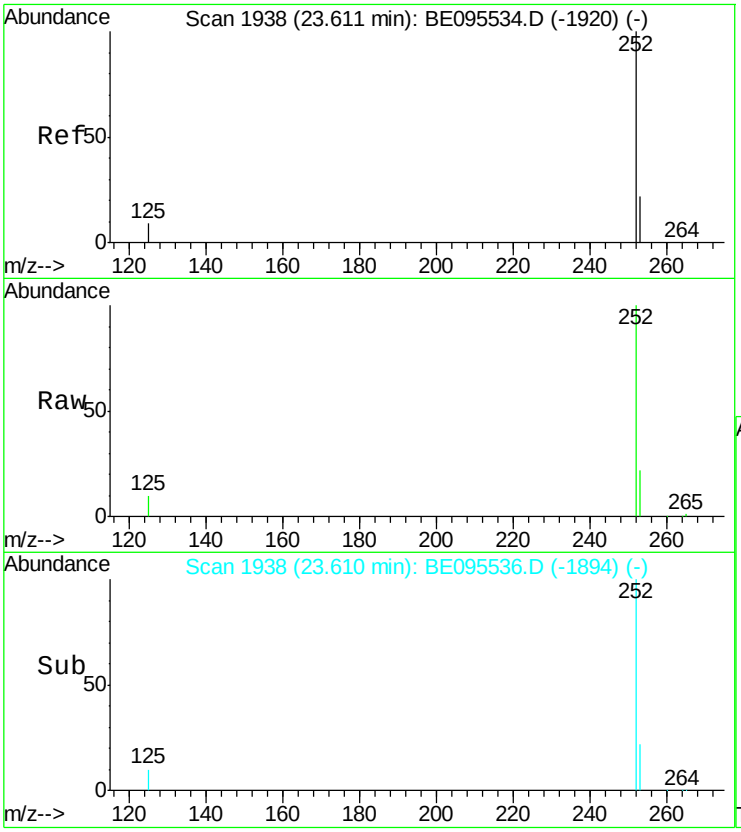




#34
Perylene-d12
Concen: 0.400 ng
RT: 24.43 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

Tgt Ion:264 Resp: 5824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 26.3 | 20.5 | 30.7 |
| 265 | 25.8 | 22.8 | 34.2 |



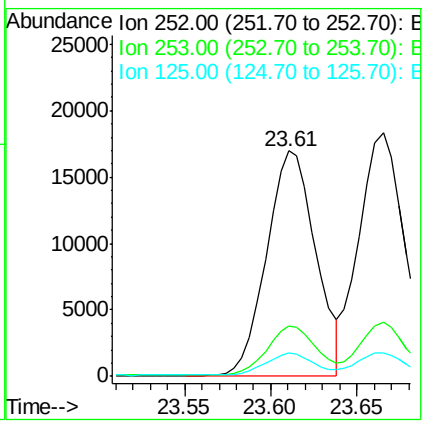


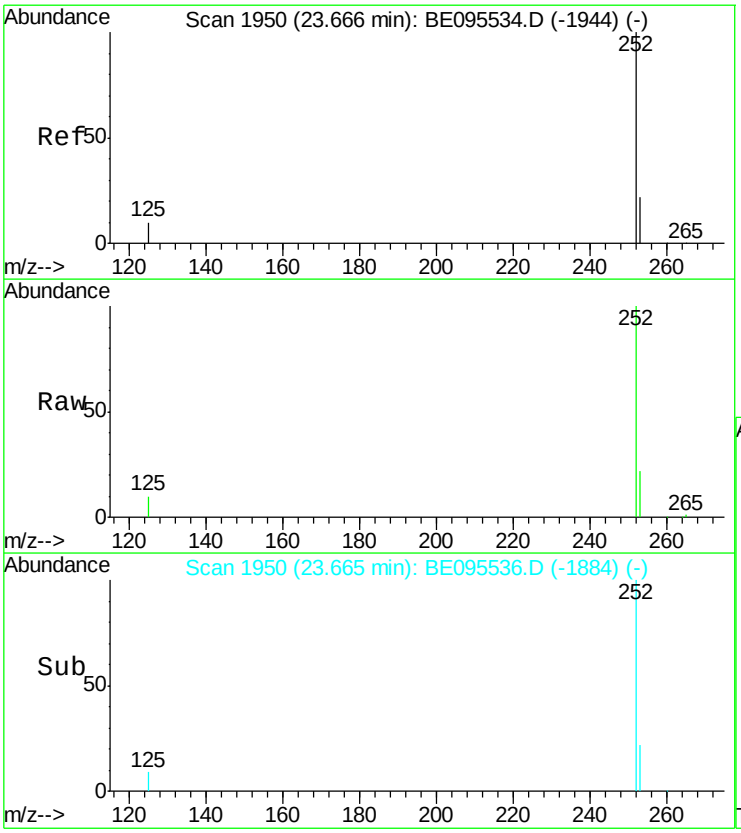

#35
Benzo(b)fluoranthene
Concen: 1.617 ng
RT: 23.61 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC1.6

Tgt Ion:252 Resp: 33406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 20.0 | 30.0 |
| 125 | 10.2 | 16.0 | 24.0# |

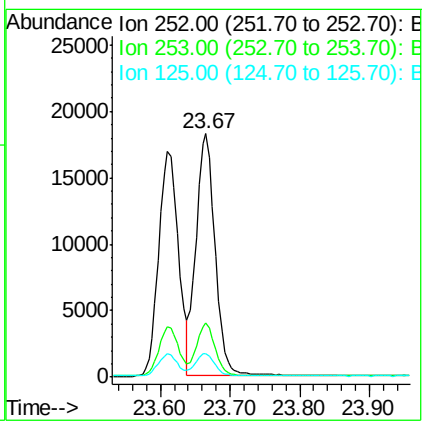


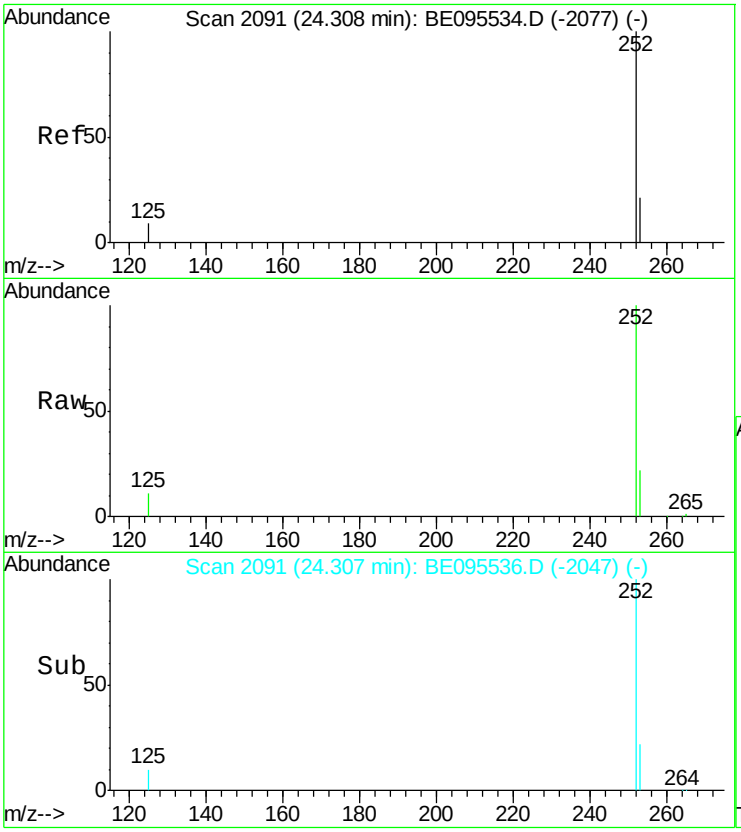




#36
Benzo(k)fluoranthene
Concen: 1.635 ng
RT: 23.67 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

Tgt Ion:252 Resp: 34571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 16.0 | 24.0 |
| 125 | 9.8 | 8.0 | 12.0 |



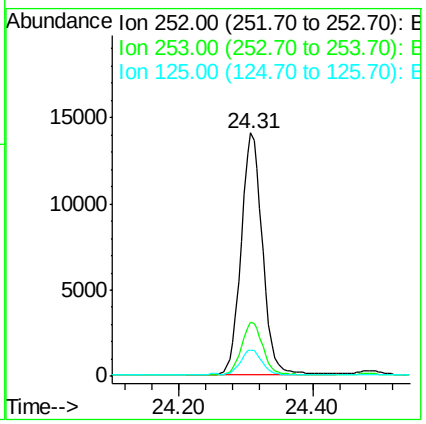


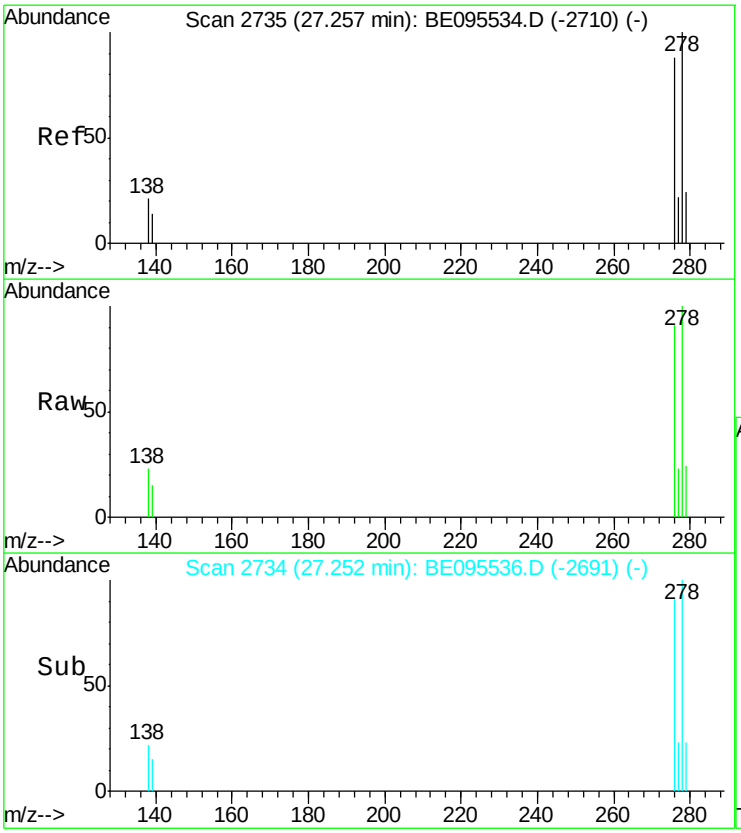

#37
Benzo(a)pyrene
Concen: 1.648 ng
RT: 24.31 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC1.6

Tgt Ion:252 Resp: 31212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 16.0 | 24.0 |
| 125 | 10.9 | 12.0 | 18.0# |

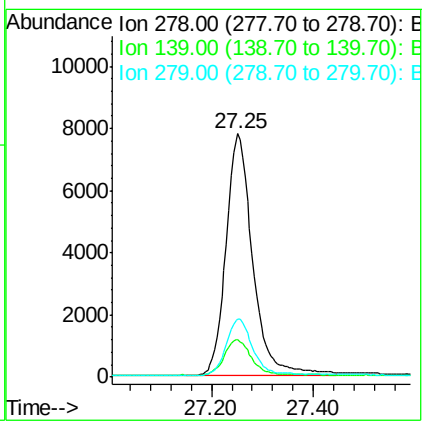


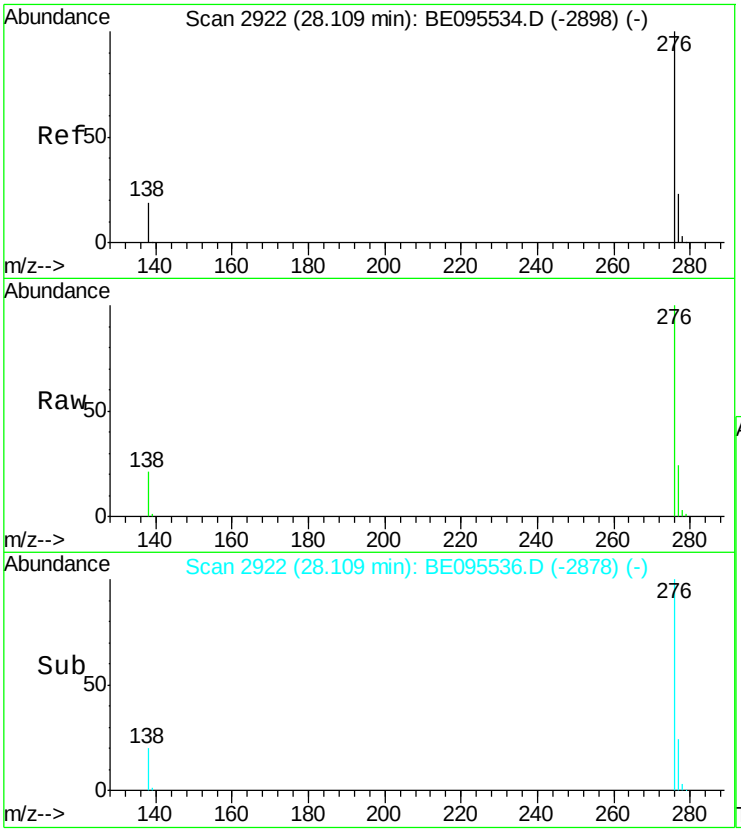




#38
Dibenzo(a,h)anthracene
Concen: 1.781 ng
RT: 27.25 min Scan# 2734
Delta R.T. -0.00 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

Tgt Ion:278 Resp: 28409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.4 | 16.0 | 24.0# |
| 279 | 24.0 | 20.0 | 30.0 |






#39
Benzo(g,h,i)perylene
Concen: 1.673 ng
RT: 28.11 min Scan# 2922
Delta R.T. 0.00 min
Lab File: BE095536.D
Acq: 6 Feb 2018 19:15

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICC1.6

Tgt Ion:276 Resp: 28927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.3 | 16.0 | 24.0# |
| 138 | 20.8 | 20.0 | 30.0 |