Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081715\
Data File : BE090551.D
Acq On : 18 Aug 2015 2:11
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Aug 18 06:12:31 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 14 16:52:42 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.58 | 152 | 24632 | 5.00 | ng | | 0.00 |
| 6) Naphthalene-d8 | 10.34 | 136 | 125082 | 5.00 | ng | | 0.00 |
| 12) Acenaphthene-d10 | 14.19 | 164 | 68737 | 5.00 | ng | | 0.00 |
| 18) Phenanthrene-d10 | 16.94 | 188 | 145840 | 5.00 | ng | | 0.00 |
| 25) Chrysene-d12 | 21.09 | 240 | 146360 | 5.00 | ng | | 0.00 |
| 32) Perylene-d12 | 23.40 | 264 | 134685 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.22 | 112 | 7514 | 1.06 | ng | | 0.00 |
| 5) Phenol-d6 | 6.78 | 99 | 10936 | 1.04 | ng | | 0.00 |
| 7) Nitrobenzene-d5 | 8.72 | 82 | 9881 | 0.99 | ng | | 0.00 |
| 13) 2,4,6-Tribromophenol | 15.71 | 330 | 2773 | 1.05 | ng | | 0.00 |
| 14) 2-Fluorobiphenyl | 12.82 | 172 | 20648 | 1.01 | ng | | 0.00 |
| 27) Terphenyl-d14 | 19.55 | 244 | 27098 | 1.01 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.19 | 88 | 3141 | 1.06 | ng | | 95 |
| 3) n-Nitrosodimethylamine | 3.49 | 42 | 4105 | 0.97 | ng | # | 73 |
| 8) Nitrobenzene | 8.77 | 77 | 10183 | 0.99 | ng | | 96 |
| 9) Naphthalene | 10.38 | 128 | 27770 | 0.98 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.68 | 225 | 4105 | 0.98 | ng | | 99 |
| 11) 2-Methylnaphthalene | 12.01 | 142 | 18665 | 1.01 | ng | | 97 |
| 15) Acenaphthylene | 13.91 | 152 | 126111 | 1.00 | ng | | 100 |
| 16) Acenaphthene | 14.26 | 154 | 18783 | 0.99 | ng | # | 77 |
| 17) Fluorene | 15.26 | 166 | 22400 | 0.97 | ng | | 98 |
| 19) 4-Bromophenyl-phenylether | 16.14 | 248 | 6267 | 1.05 | ng | | 84 |
| 20) Hexachlorobenzene | 16.27 | 284 | 27362 | 1.04 | ng | | 96 |
| 21) Pentachlorophenol | 16.61 | 266 | 2216 | 0.96 | ng | | 91 |
| 22) Phenanthrene | 16.98 | 178 | 38100 | 1.00 | ng | | 99 |
| 23) Anthracene | 17.07 | 178 | 36031 | 1.02 | ng | | 100 |
| 24) Fluoranthene | 18.98 | 202 | 40674 | 1.00 | ng | | 99 |
| 26) Pyrene | 19.34 | 202 | 42166 | 1.01 | ng | | 100 |
| 28) Benzo(a)anthracene | 21.08 | 228 | 37639 | 0.98 | ng | | 98 |
| 29) Chrysene | 21.13 | 228 | 39091 | 0.99 | ng | | 98 |
| 30) Bis(2-ethylhexyl)phthalate | 21.02 | 149 | 23228 | 1.12 | ng | | 97 |
| 31) Indeno(1,2,3-cd)pyrene | 25.78 | 276 | 36688 | 0.99 | ng | # | 92 |
| 33) Benzo(b)fluoranthene | 22.70 | 252 | 31998 | 1.00 | ng | | 99 |
| 34) Benzo(k)fluoranthene | 22.74 | 252 | 36862 | 1.02 | ng | | 99 |
| 35) Benzo(a)pyrene | 23.29 | 252 | 30362 | 1.02 | ng | # | 96 |
| 36) Dibenzo(a,h)anthracene | 25.80 | 278 | 28628 | 0.99 | ng | | 96 |
| 37) Benzo(g,h,i)perylene | 26.51 | 276 | 32052 | 1.02 | ng | | 96 |

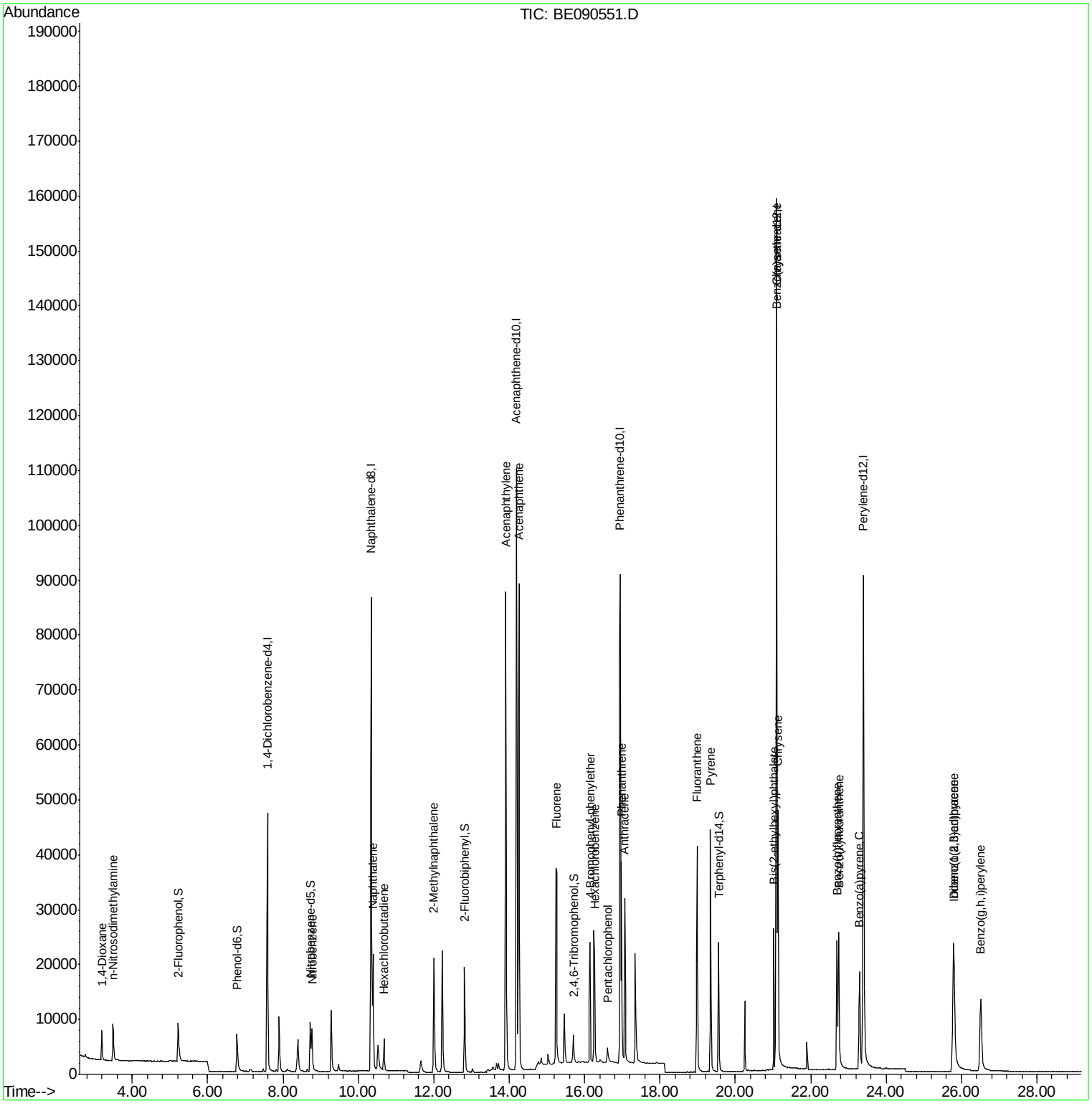
(#) = qualifier out of range (m) = manual integration (+) = signals summed

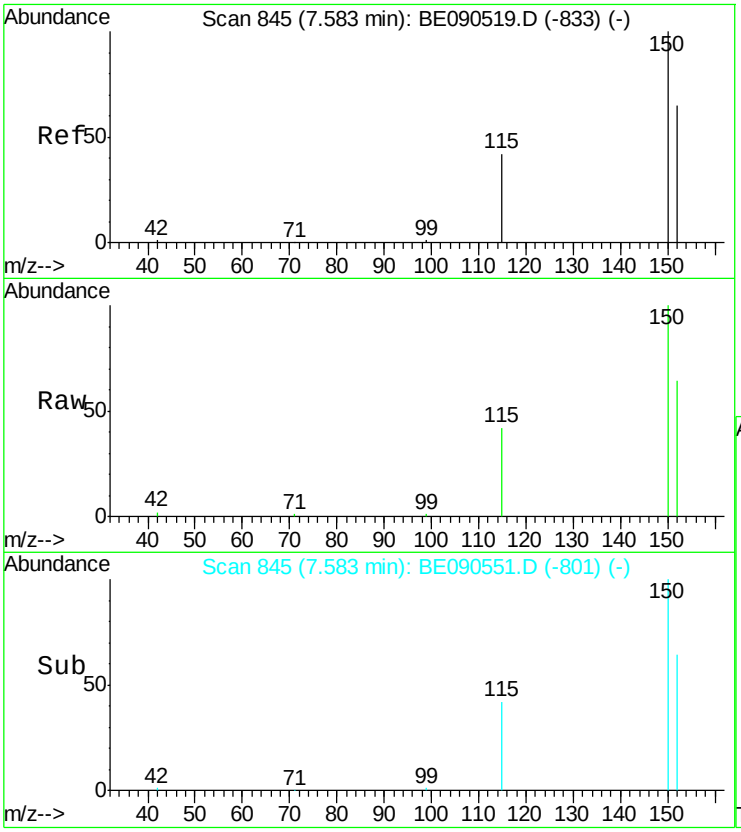
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081715\
Data File : BE090551.D
Acq On : 18 Aug 2015 2:11
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Aug 18 06:12:31 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 14 16:52:42 2015
Response via : Initial Calibration



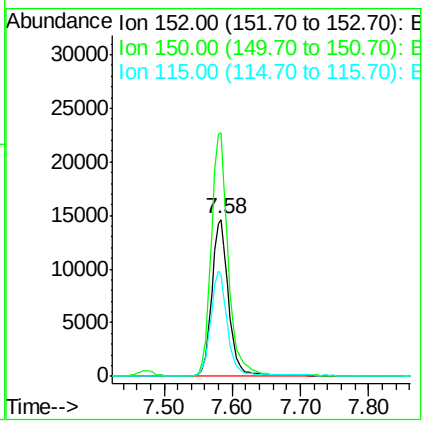


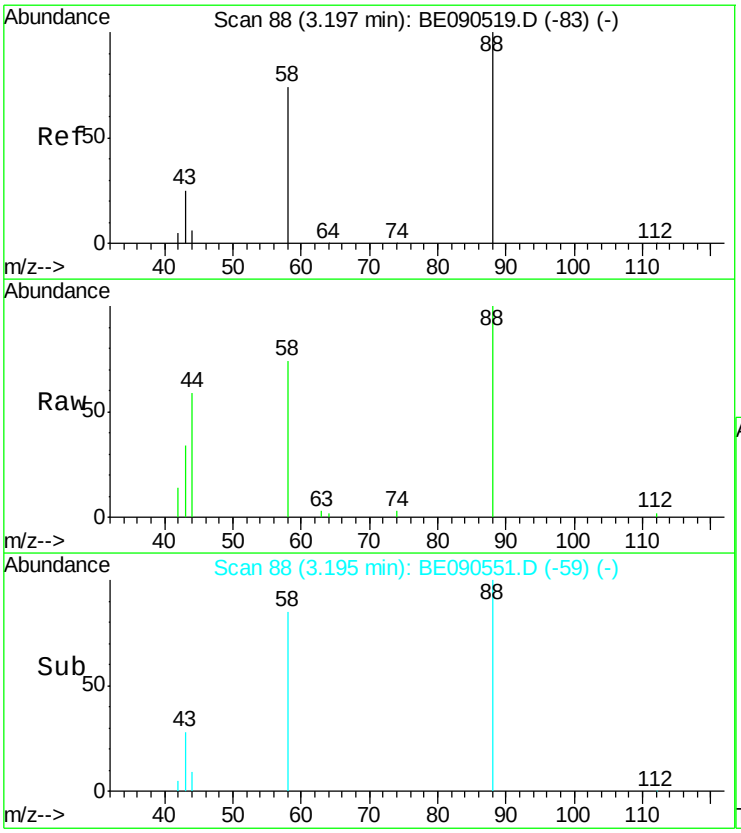

#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

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

Tgt Ion:152 Resp: 24632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.3 | 123.0 | 184.4 |
| 115 | 64.9 | 48.9 | 73.3 |

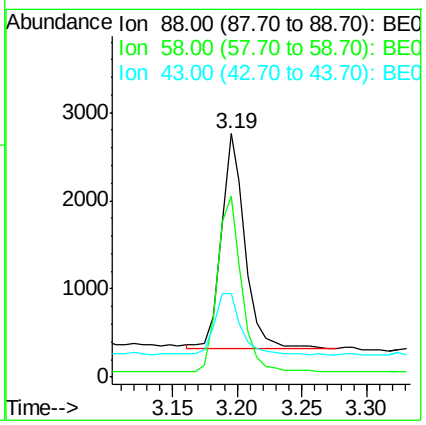


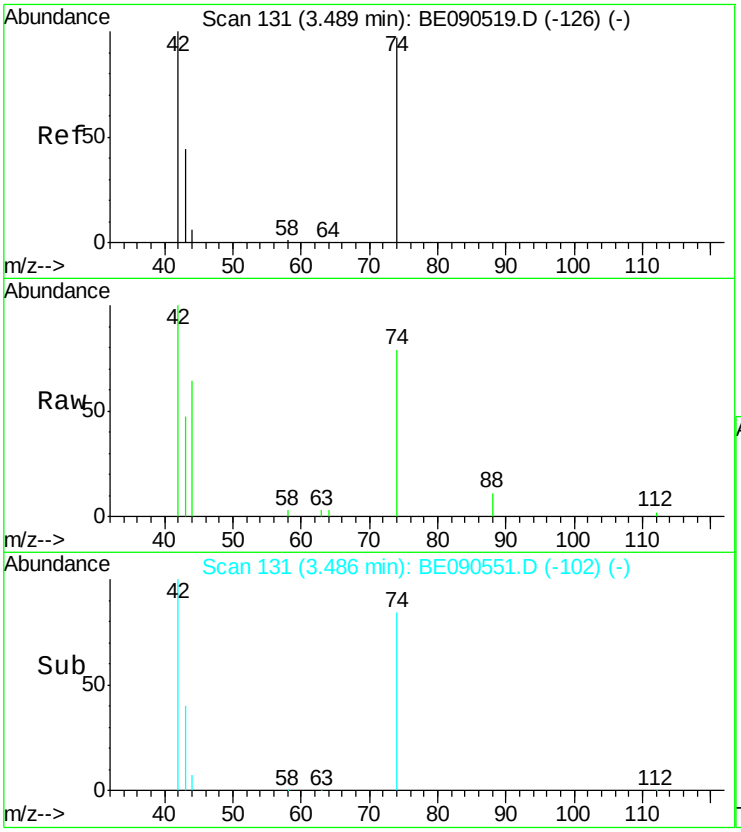




#2
1,4-Dioxane
Concen: 1.06 ng
RT: 3.19 min Scan# 88
Delta R.T. -0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

Tgt Ion: 88 Resp: 3141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 83.6 | 70.0 | 105.0 |
| 43 | 32.4 | 28.4 | 42.6 |



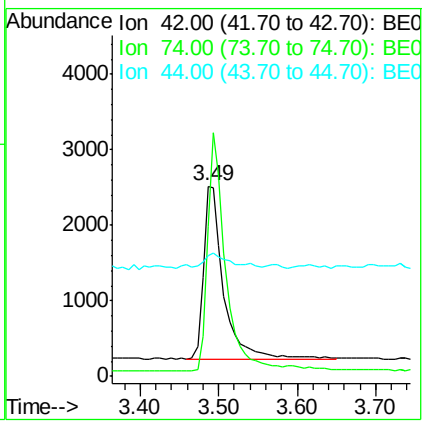


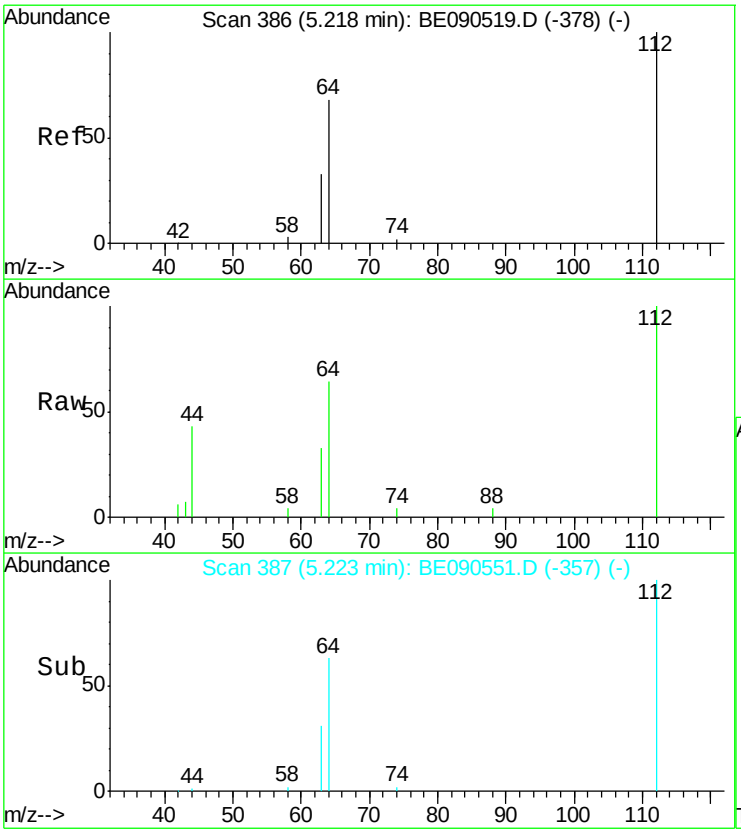

#3
n-Nitrosodimethylamine
Concen: 0.97 ng
RT: 3.49 min Scan# 131
Delta R.T. -0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

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

Tgt Ion: 42 Resp: 4105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 122.9 | 75.2 | 112.8# |
| 44 | 9.4 | 8.7 | 13.1 |

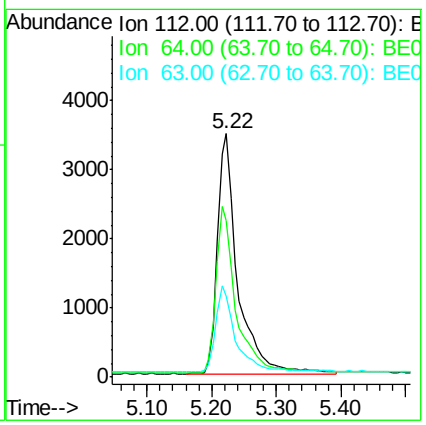


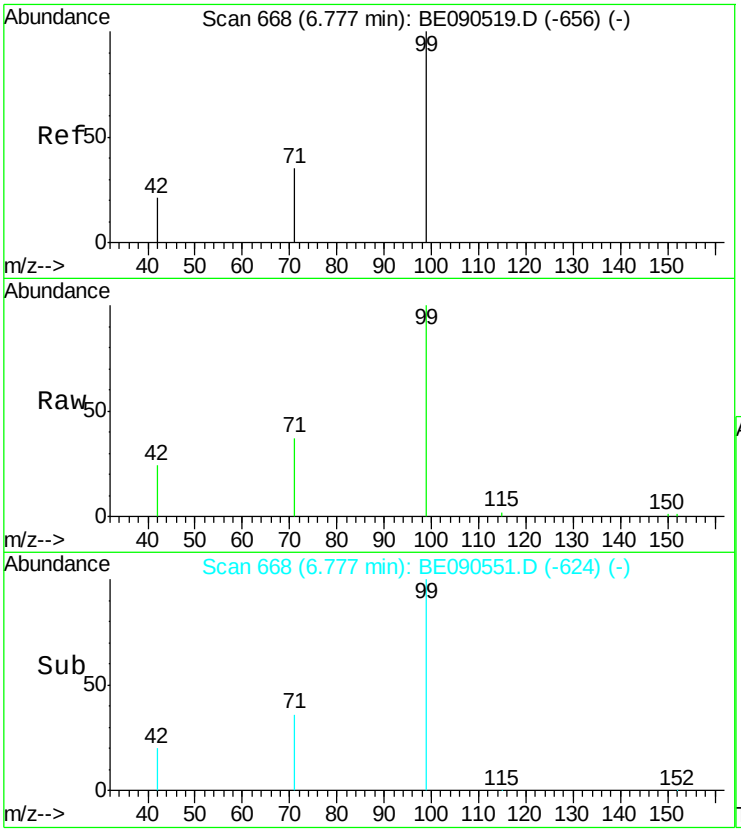




#4
2-Fluorophenol
Concen: 1.06 ng
RT: 5.22 min Scan# 387
Delta R.T. 0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

Tgt Ion:112 Resp: 7514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 68.9 | 37.1 | 55.7# |
| 63 | 35.1 | 19.5 | 29.3# |



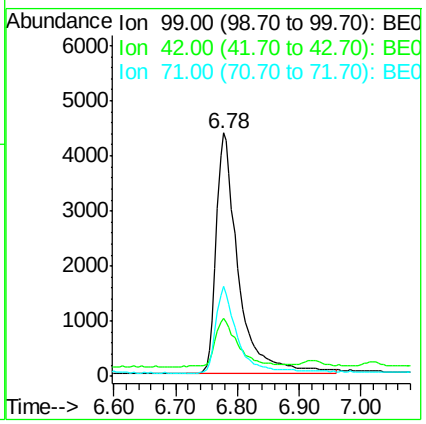


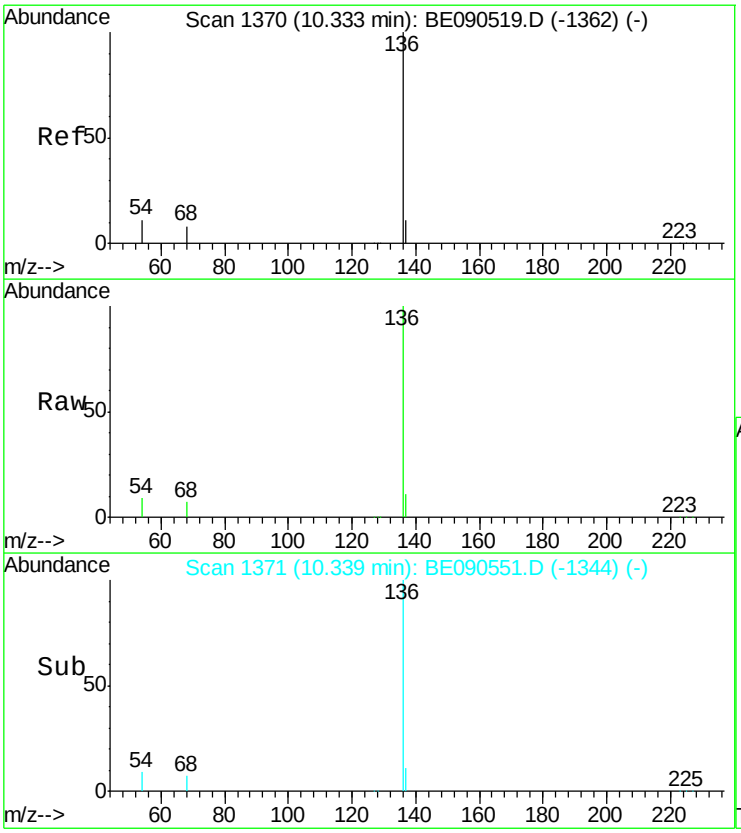

#5
Phenol-d6
Concen: 1.04 ng
RT: 6.78 min Scan# 668
Delta R.T. -0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

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

Tgt Ion: 99 Resp: 10936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.8 | 18.2 | 27.4 |
| 71 | 33.7 | 27.4 | 41.0 |

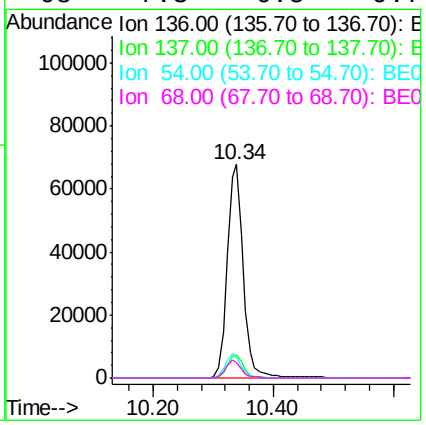


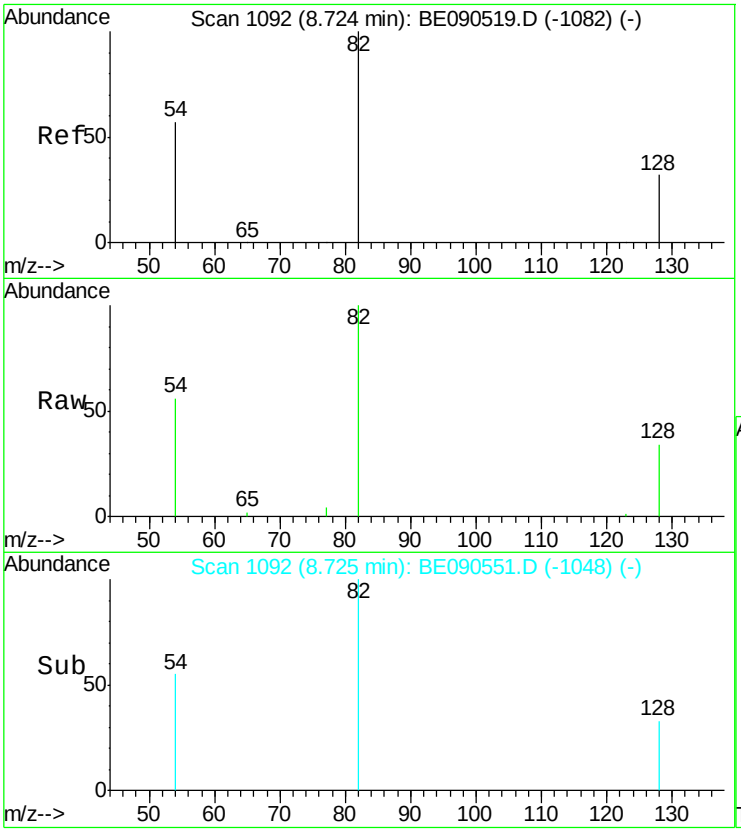




#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

Tgt Ion:136 Resp: 125082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.7 | 13.1 |
| 54 | 9.5 | 9.4 | 14.0 |
| 68 | 7.3 | 6.5 | 9.7 |



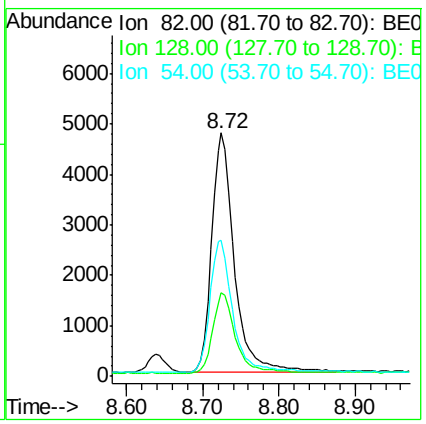


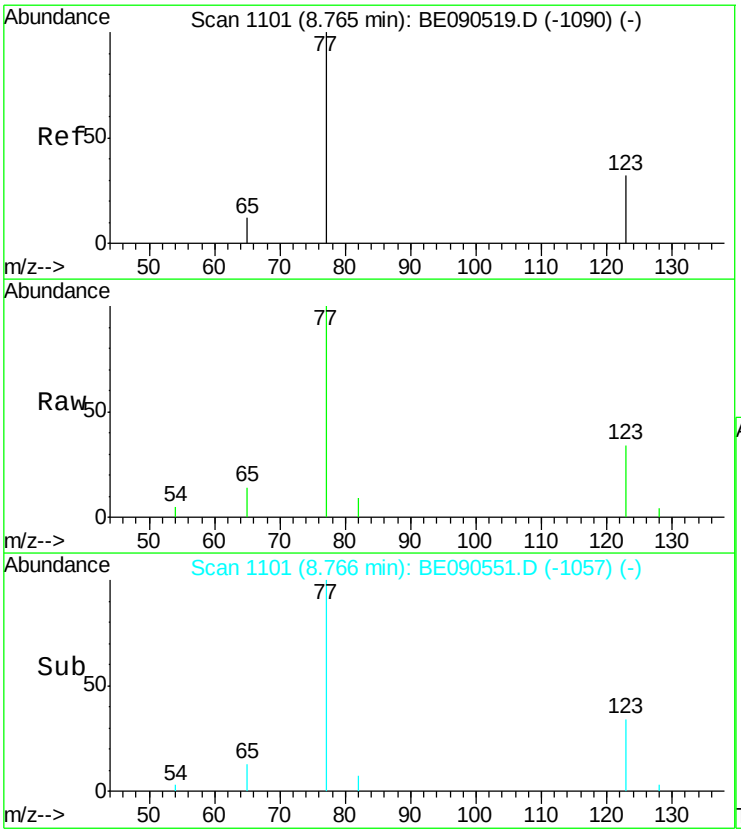

#7
Nitrobenzene-d5
Concen: 0.99 ng
RT: 8.72 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

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

Tgt Ion: 82 Resp: 9881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 34.2 | 25.0 | 37.6 |
| 54 | 56.1 | 48.8 | 73.2 |

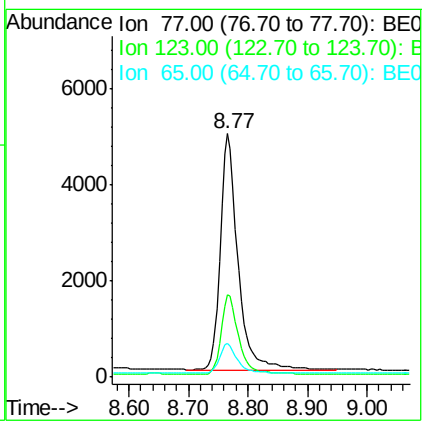


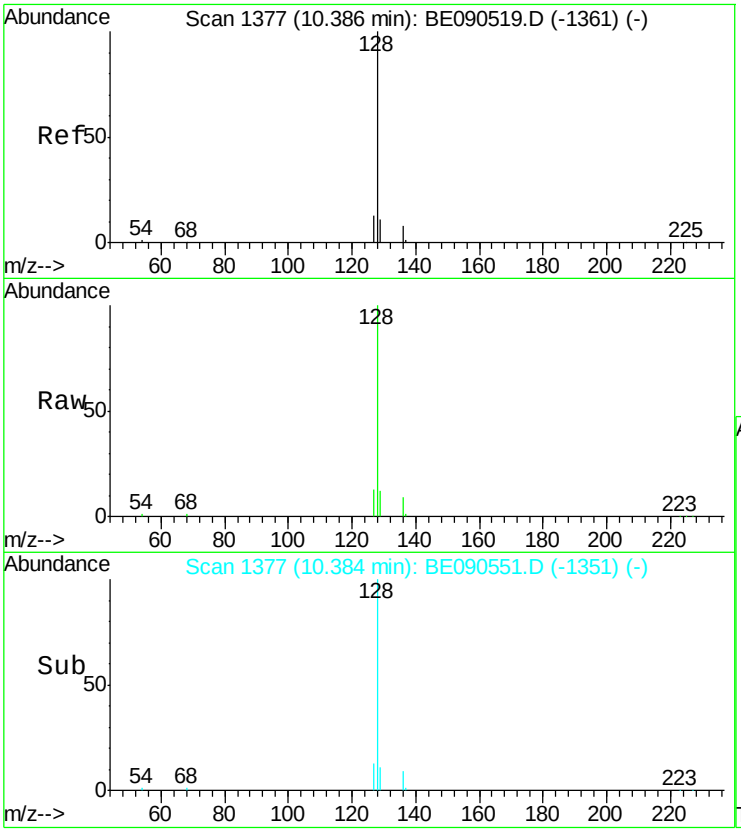




#8
Nitrobenzene
Concen: 0.99 ng
RT: 8.77 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

Tgt Ion: 77 Resp: 10183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 34.0 | 25.1 | 37.7 |
| 65 | 12.7 | 9.3 | 13.9 |



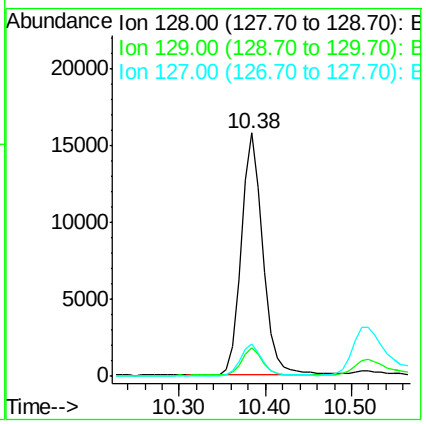


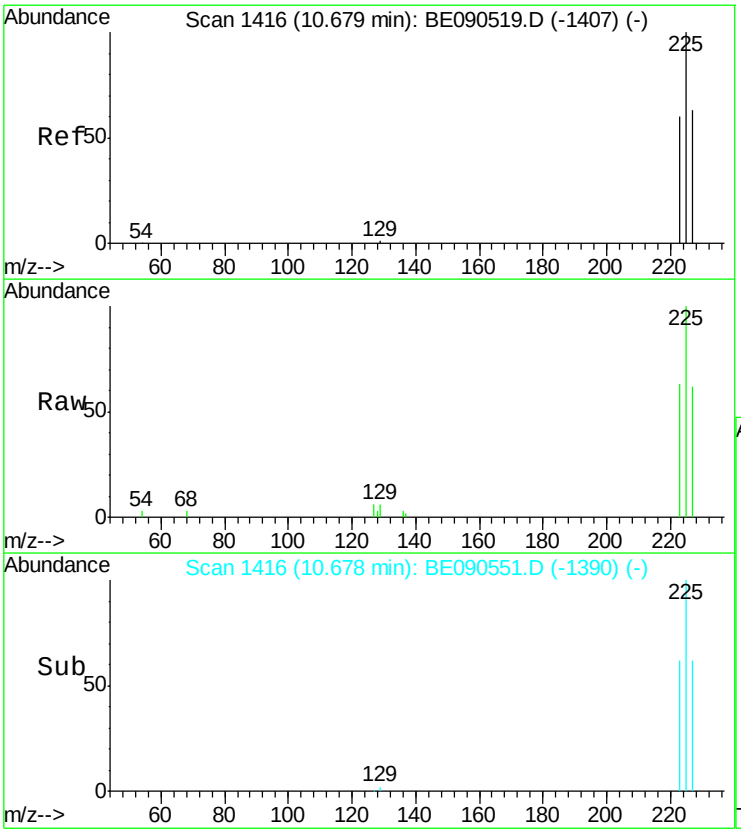

#9
Naphthalene
Concen: 0.98 ng
RT: 10.38 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

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

Tgt Ion:128 Resp: 27770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.7 | 9.8 | 14.6 |
| 127 | 13.2 | 10.6 | 16.0 |

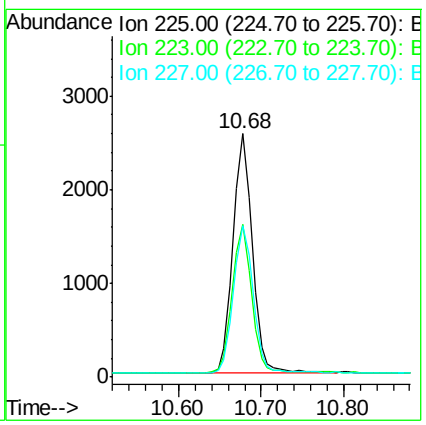


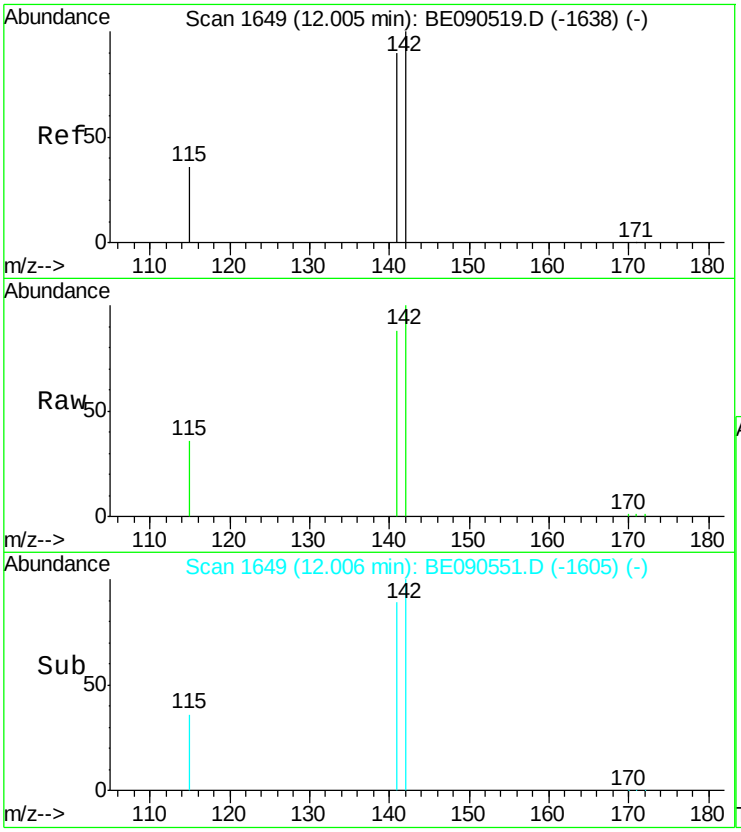




#10
Hexachlorobutadiene
Concen: 0.98 ng
RT: 10.68 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

Tgt Ion:225 Resp: 4105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.3 | 50.6 | 75.8 |
| 227 | 63.3 | 50.7 | 76.1 |



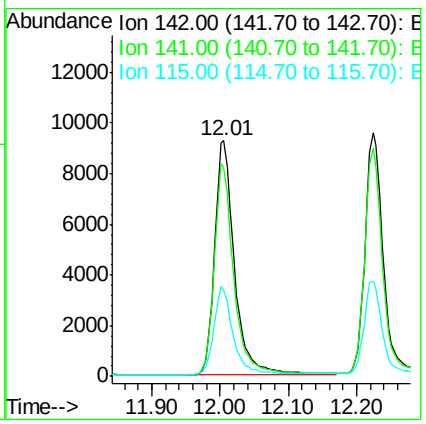


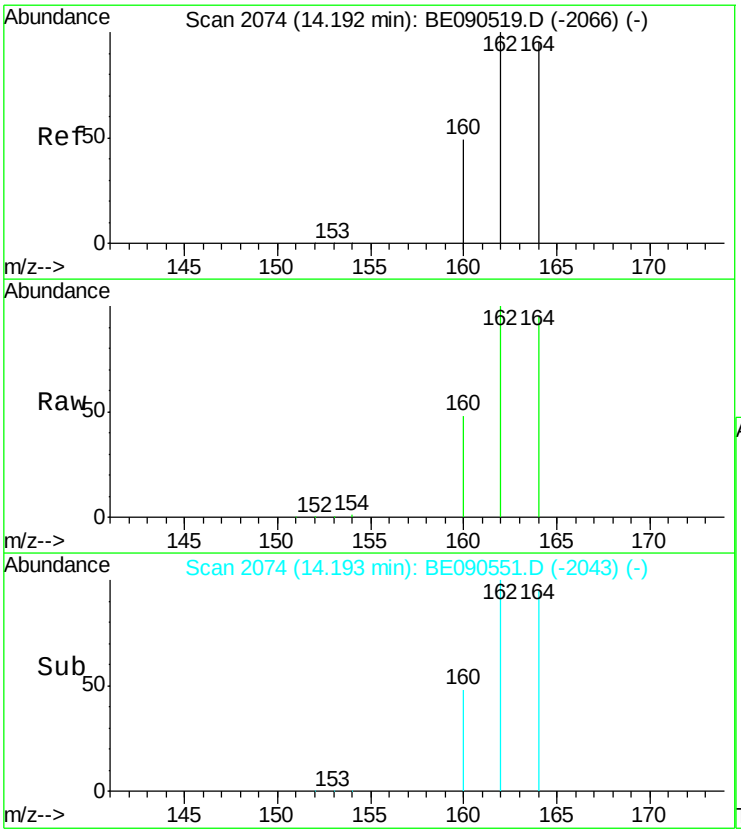

#11
2-Methylnaphthalene
Concen: 1.01 ng
RT: 12.01 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

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

Tgt Ion:142 Resp: 18665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.4 | 72.6 | 109.0 |
| 115 | 36.3 | 31.6 | 47.4 |

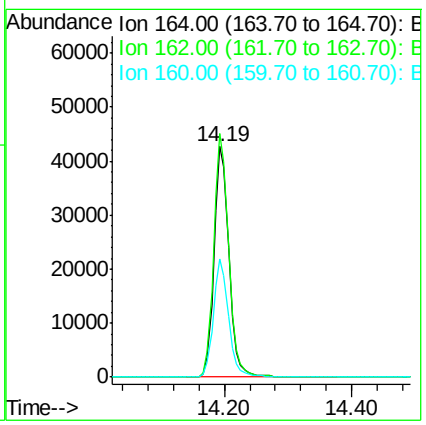


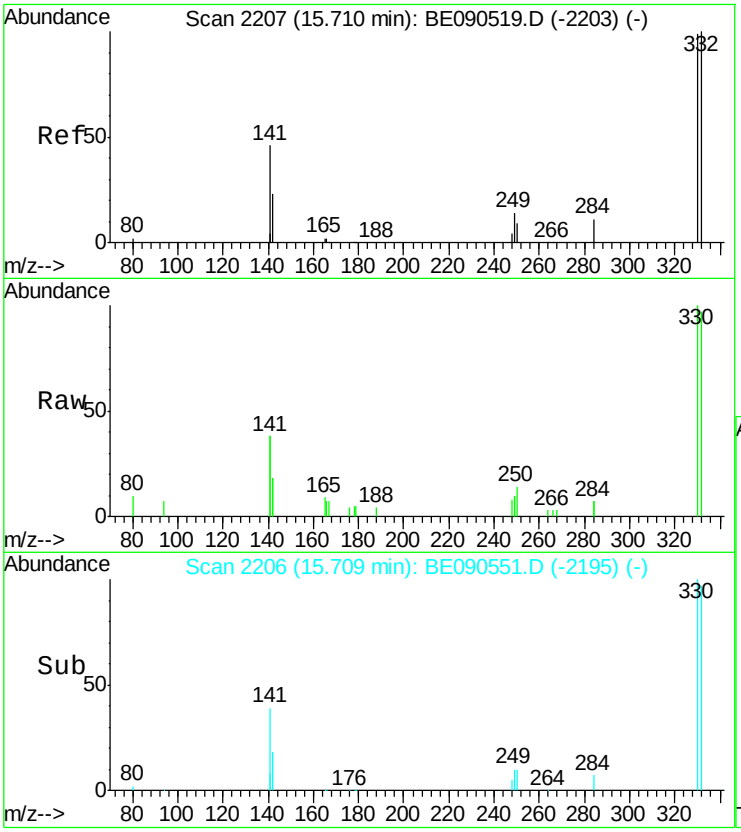




#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

Tgt Ion:164 Resp: 68737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.6 | 81.8 | 122.8 |
| 160 | 51.0 | 44.2 | 66.4 |



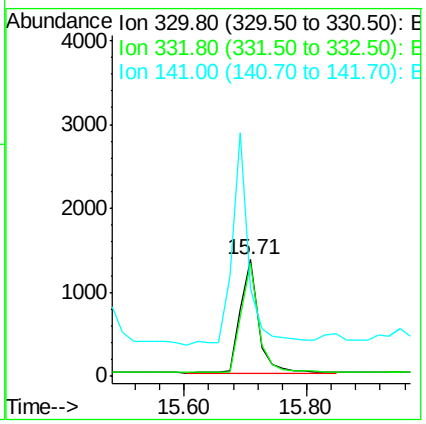


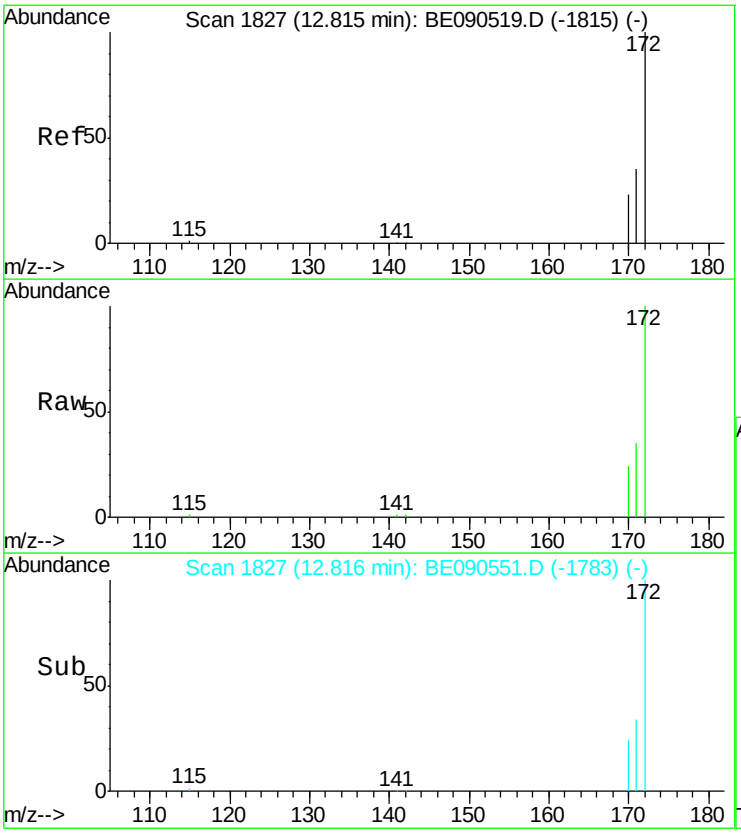

#13
2,4,6-Tribromophenol
Concen: 1.05 ng
RT: 15.71 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

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

Tgt Ion:330 Resp: 2773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.1 | 75.8 | 113.6 |
| 141 | 173.9 | 114.4 | 171.6# |

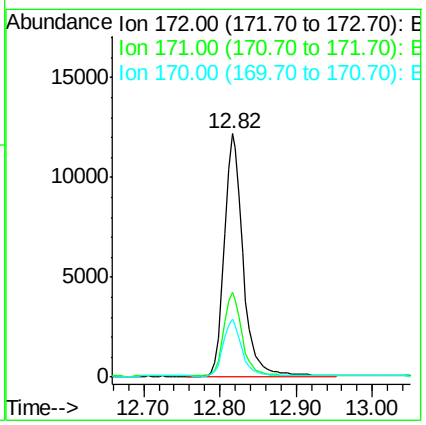


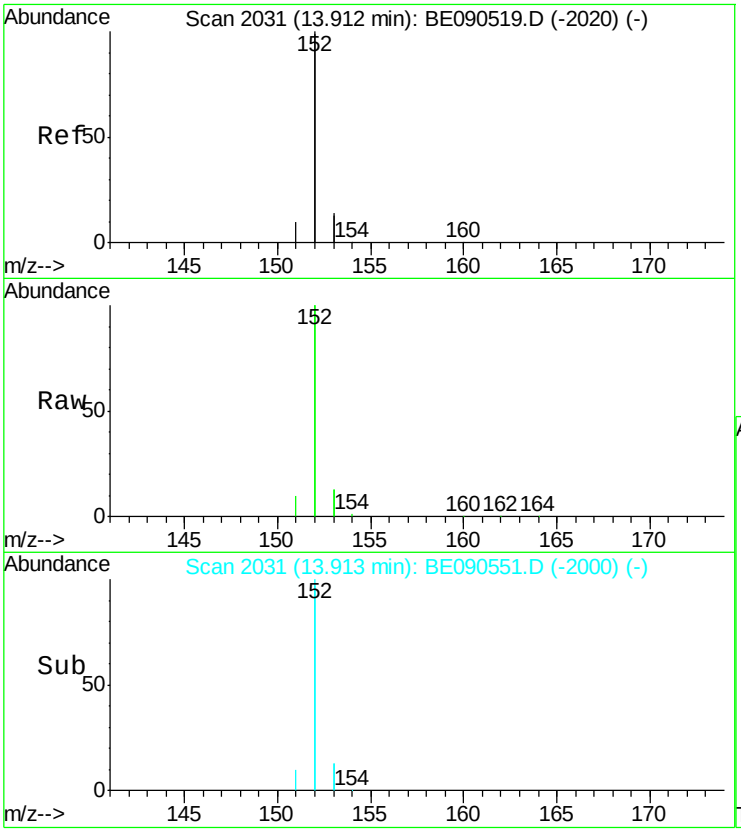




#14
2-Fluorobiphenyl
Concen: 1.01 ng
RT: 12.82 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

Tgt Ion:172 Resp: 20648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.6 | 28.5 | 42.7 |
| 170 | 23.9 | 19.8 | 29.8 |



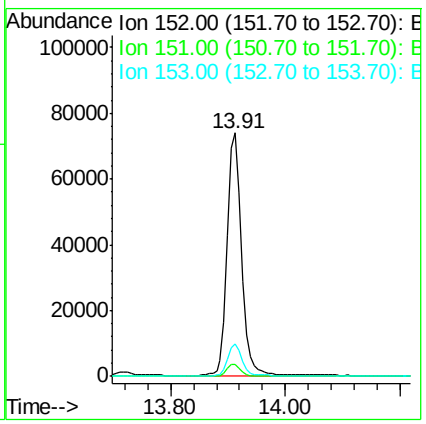


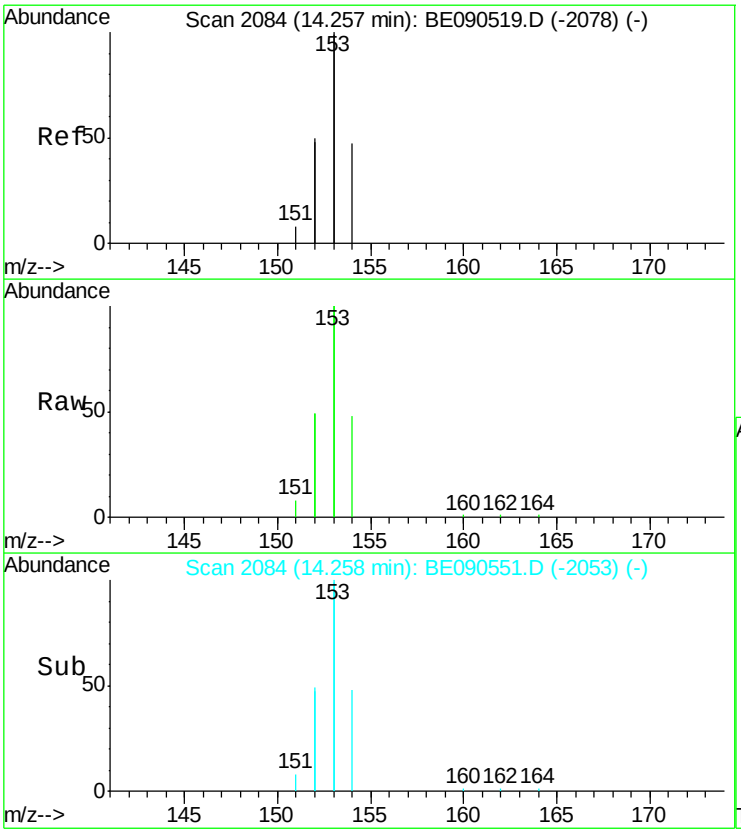

#15
Acenaphthylene
Concen: 1.00 ng
RT: 13.91 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

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

Tgt Ion:152 Resp: 126111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 4.8 | 3.8 | 5.8 |
| 153 | 13.0 | 10.3 | 15.5 |

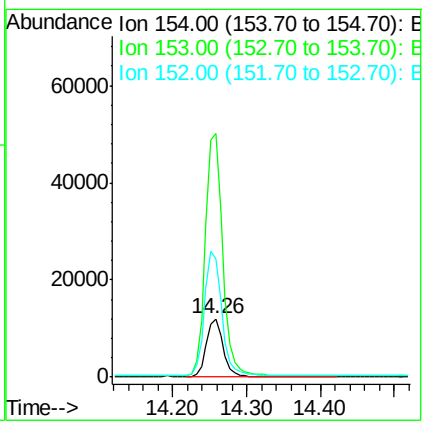


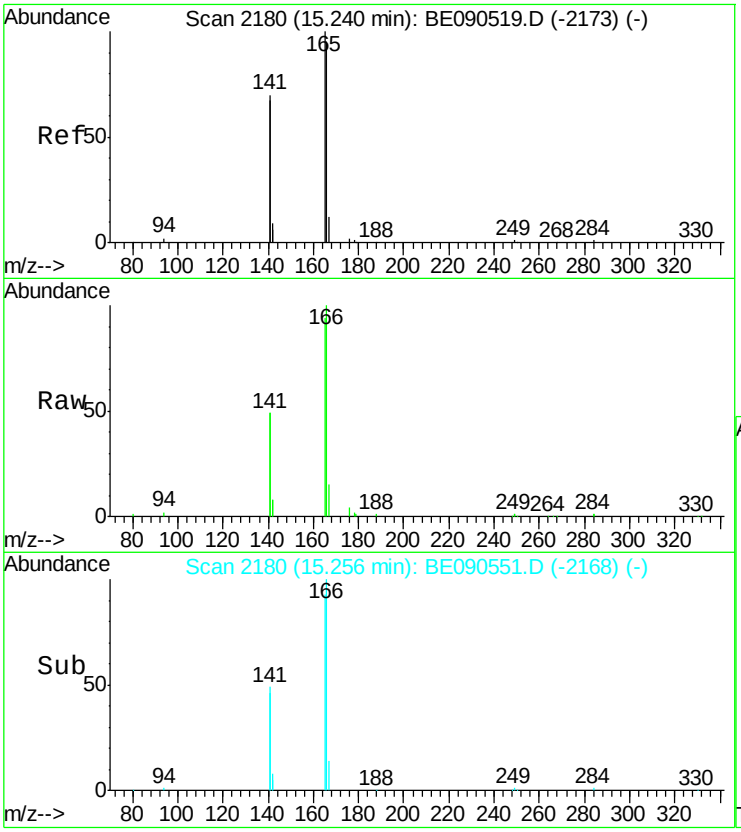




#16
Acenaphthene
Concen: 0.99 ng
RT: 14.26 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

Tgt Ion:154 Resp: 18783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 434.7 | 376.2 | 564.2 |
| 152 | 221.4 | 235.0 | 352.4# |



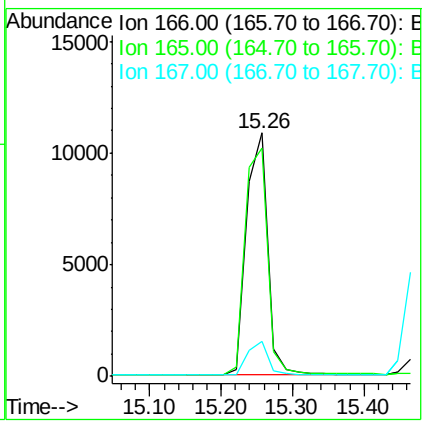


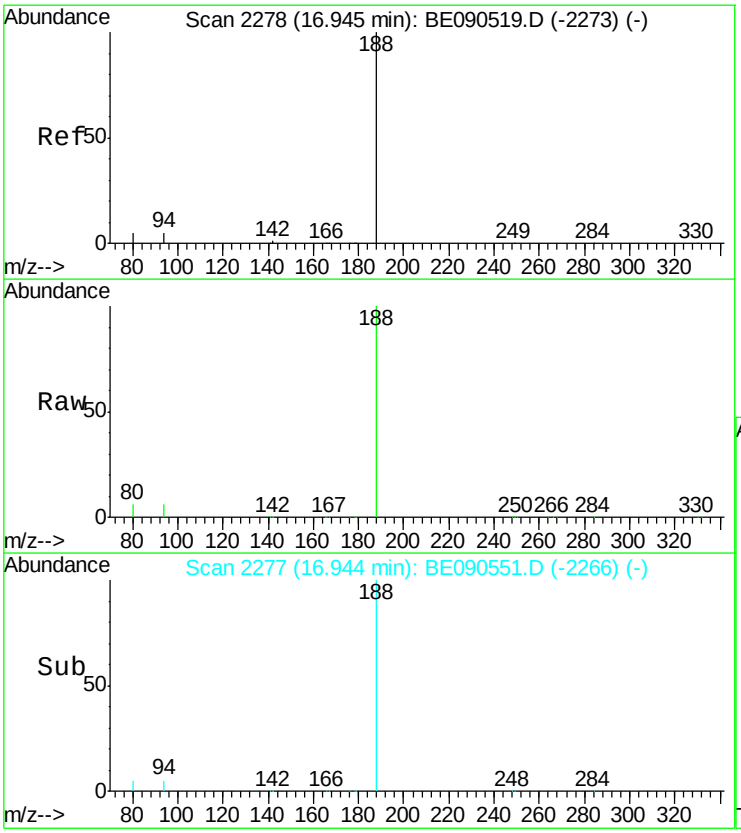

#17
Fluorene
Concen: 0.97 ng
RT: 15.26 min Scan# 2180
Delta R.T. 0.02 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

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

Tgt Ion:166 Resp: 22400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.2 | 81.5 | 122.3 |
| 167 | 14.0 | 11.4 | 17.0 |

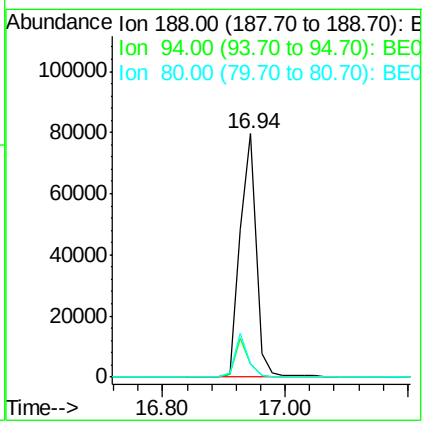


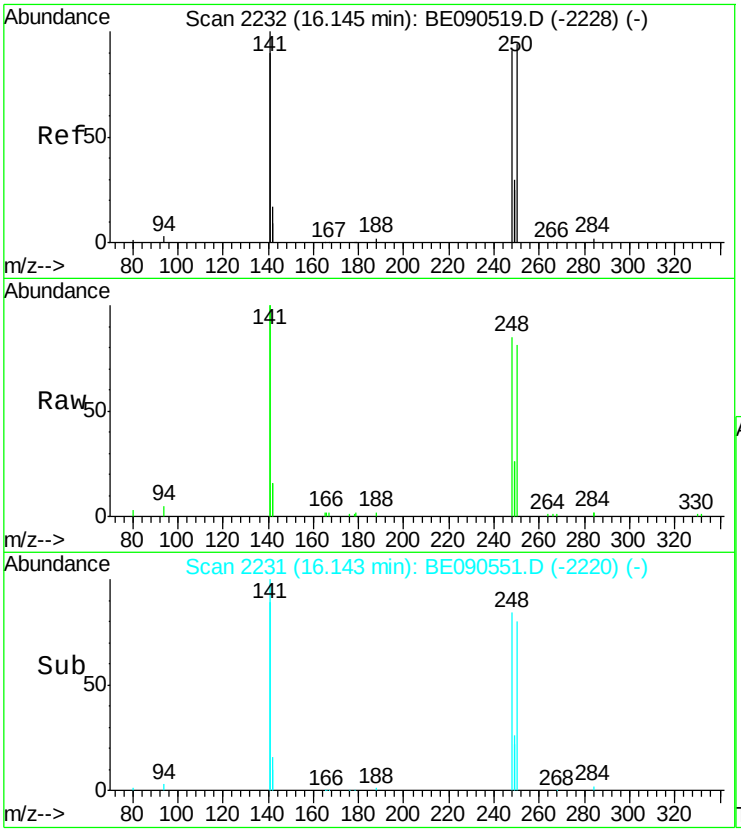




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

Tgt Ion:188 Resp: 145840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 5.5 | 5.7 | 8.5# |
| 80 | 5.5 | 5.8 | 8.8# |



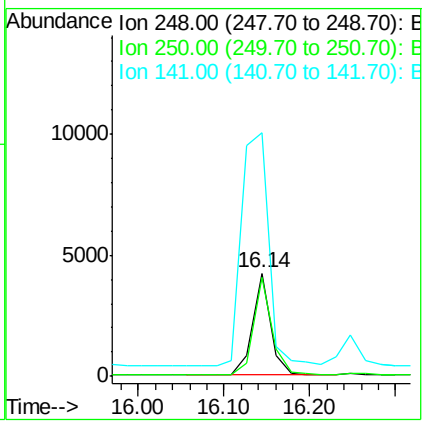


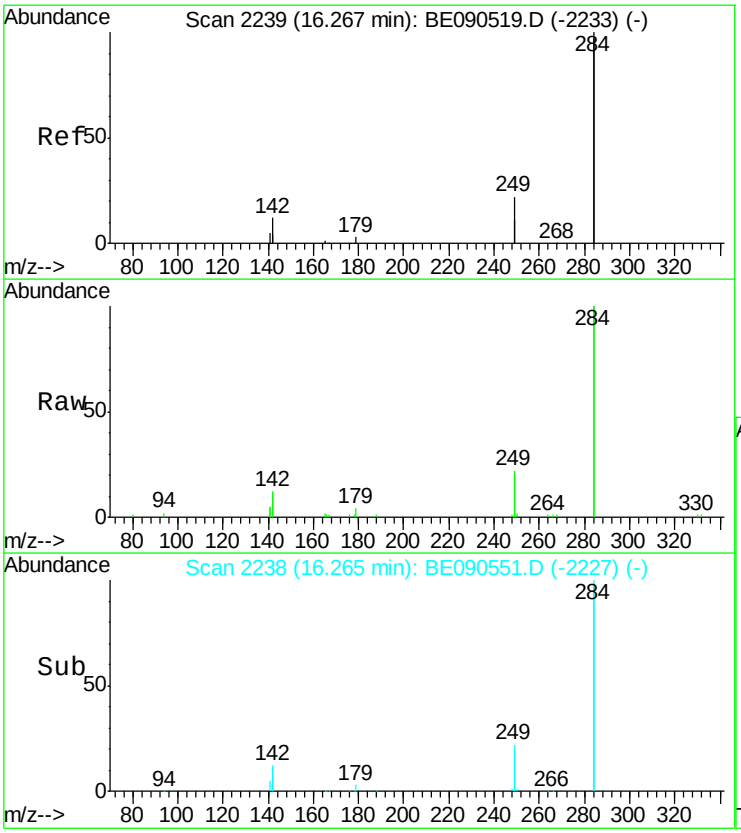

#19
4-Bromophenyl-phenylether
Concen: 1.05 ng
RT: 16.14 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

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

Tgt Ion:248 Resp: 6267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.5 | 79.0 | 118.6 |
| 141 | 339.2 | 239.5 | 359.3 |

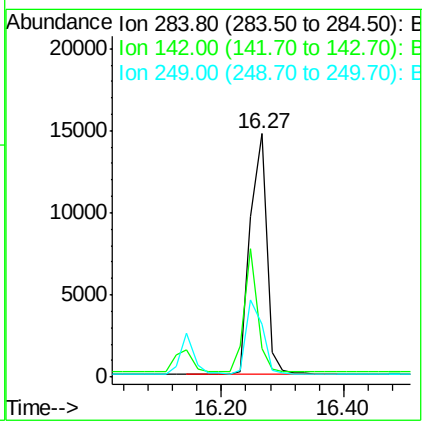


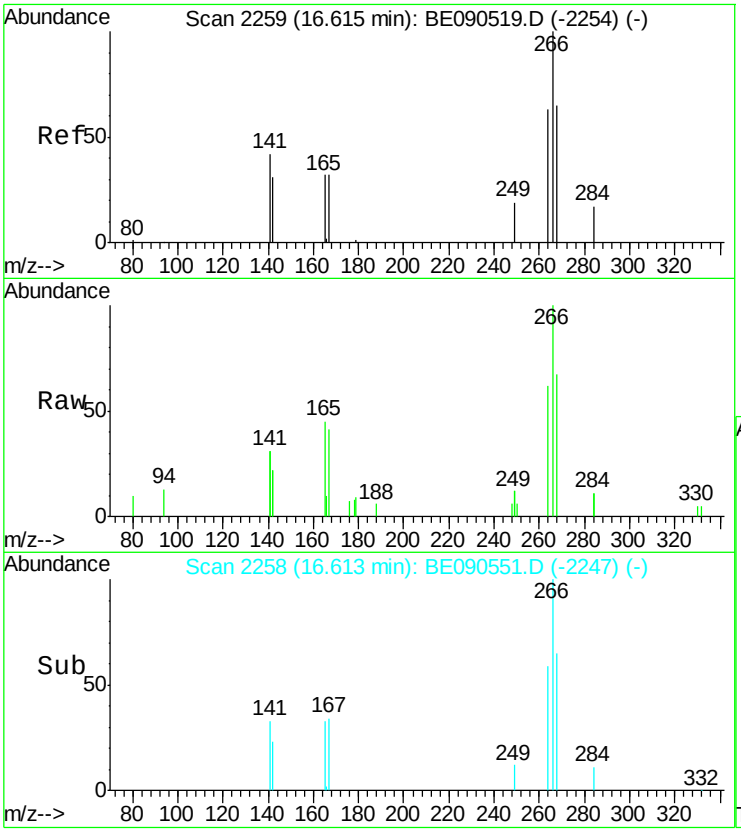




#20
Hexachlorobenzene
Concen: 1.04 ng
RT: 16.27 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

Tgt Ion:284 Resp: 27362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 41.0 | 30.1 | 45.1 |
| 249 | 30.8 | 25.7 | 38.5 |



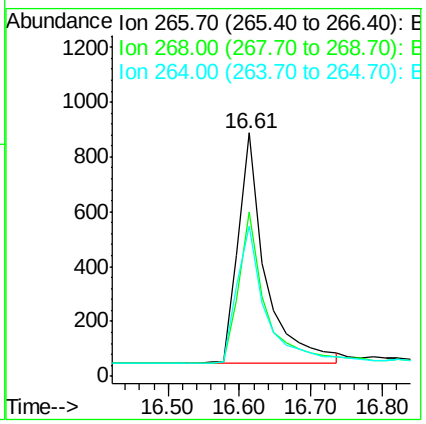


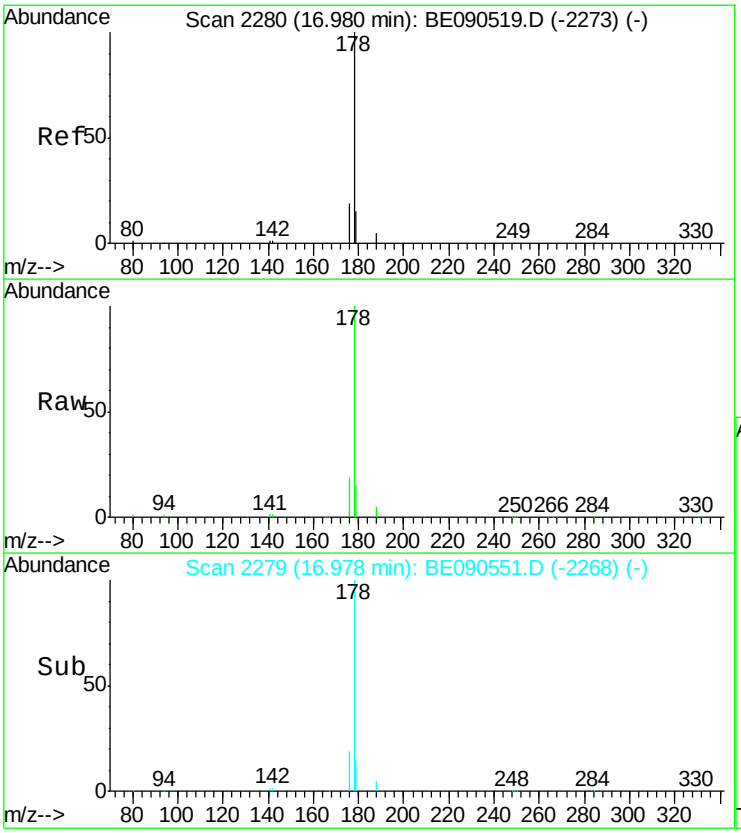

#21
Pentachlorophenol
Concen: 0.96 ng
RT: 16.61 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

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

Tgt Ion:266 Resp: 2216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 67.2 | 58.5 | 87.7 |
| 264 | 61.6 | 56.0 | 84.0 |

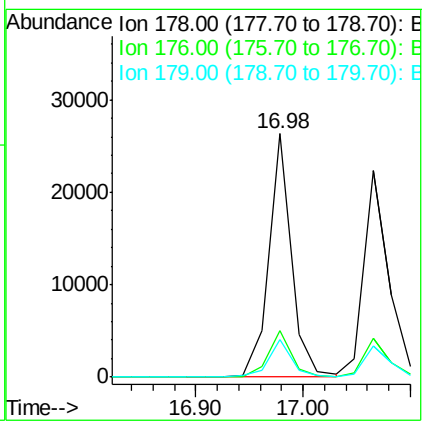


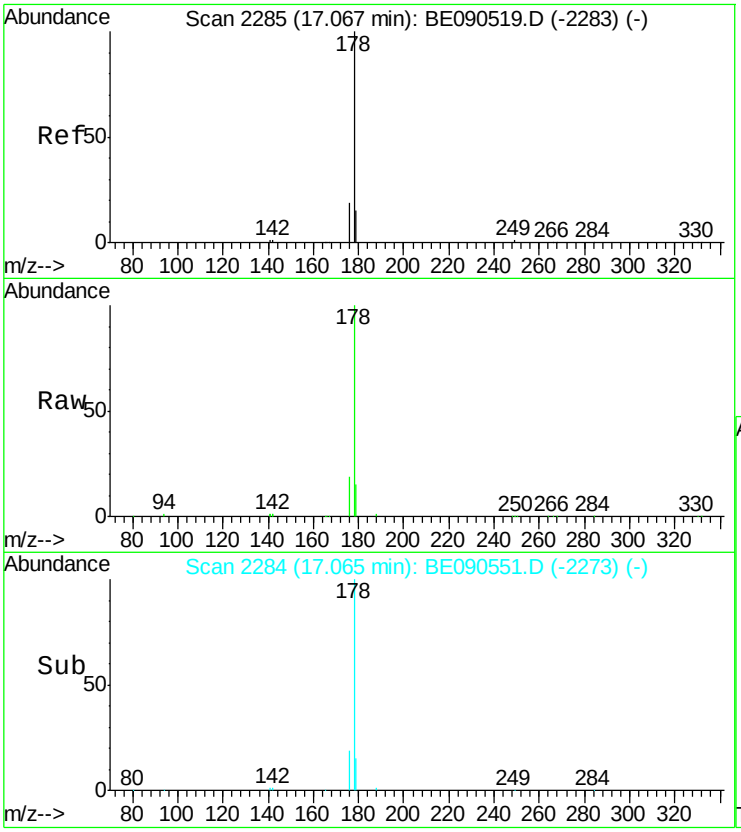




#22
Phenanthrene
Concen: 1.00 ng
RT: 16.98 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

Tgt Ion:178 Resp: 38100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.0 | 15.4 | 23.2 |
| 179 | 15.3 | 12.5 | 18.7 |



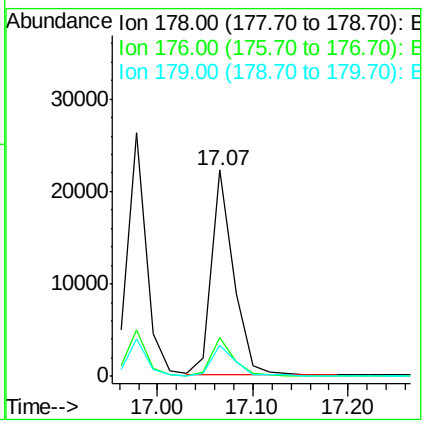


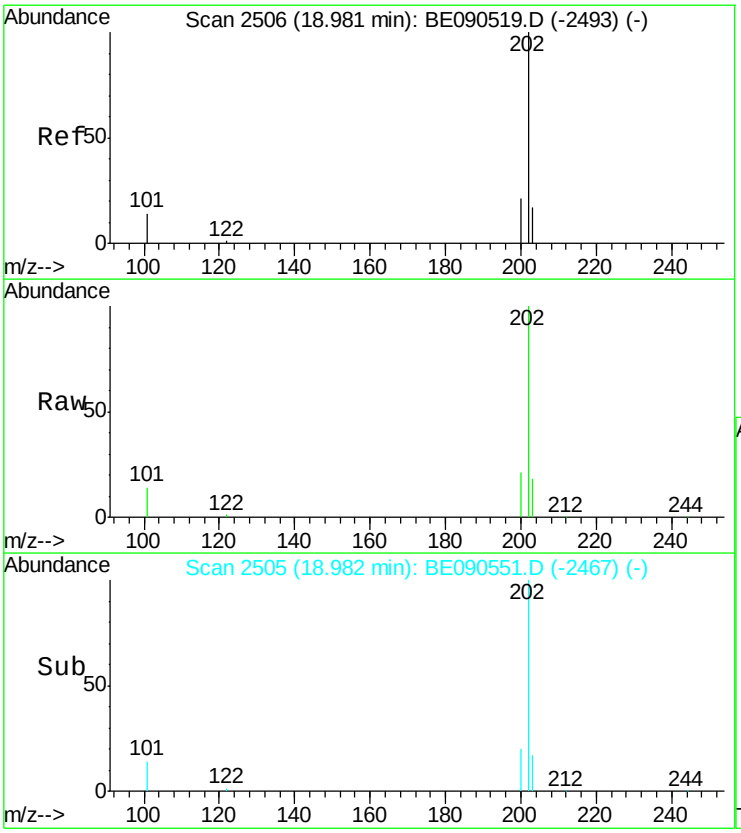

#23
Anthracene
Concen: 1.02 ng
RT: 17.07 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

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

Tgt Ion:178 Resp: 36031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.5 | 14.9 | 22.3 |
| 179 | 15.3 | 12.2 | 18.4 |

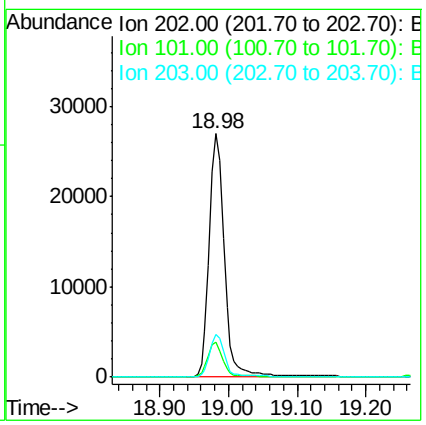


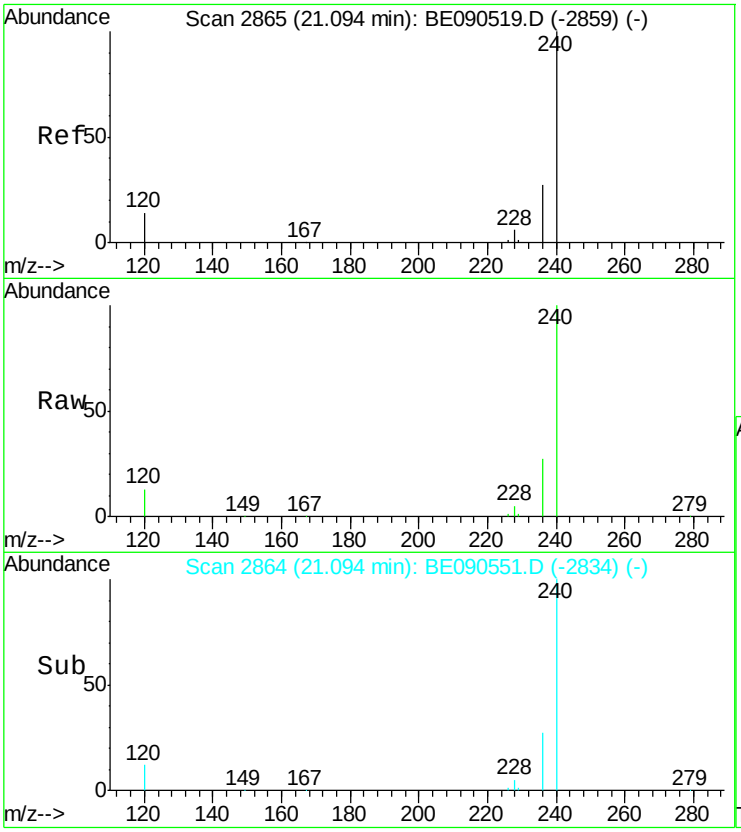




#24
Fluoranthene
Concen: 1.00 ng
RT: 18.98 min Scan# 2505
Delta R.T. 0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

Tgt Ion:202 Resp: 40674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.8 | 10.3 | 15.5 |
| 203 | 17.2 | 13.7 | 20.5 |



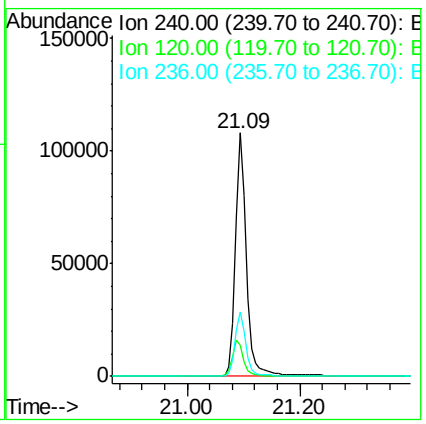


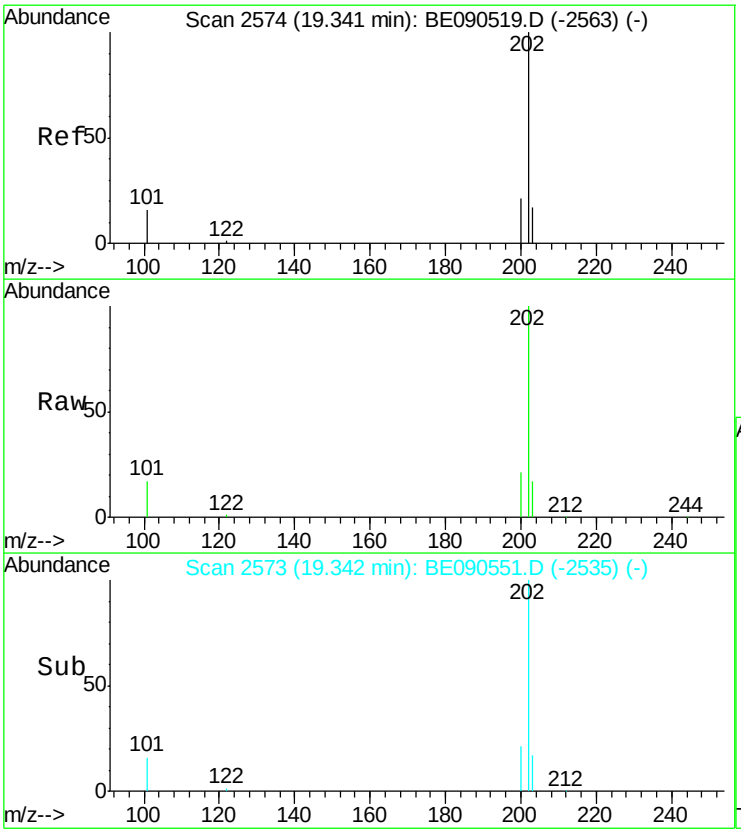

#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2864
Delta R.T. 0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

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

Tgt Ion:240 Resp: 146360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.6 | 8.3 | 12.5# |
| 236 | 26.6 | 21.0 | 31.4 |

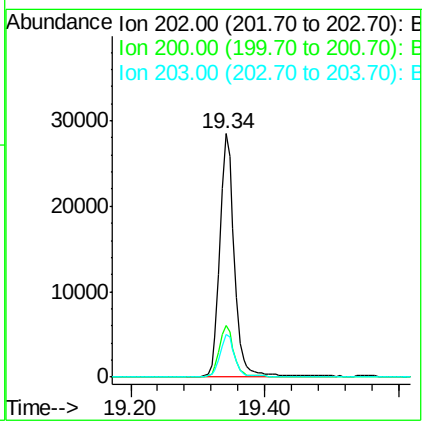


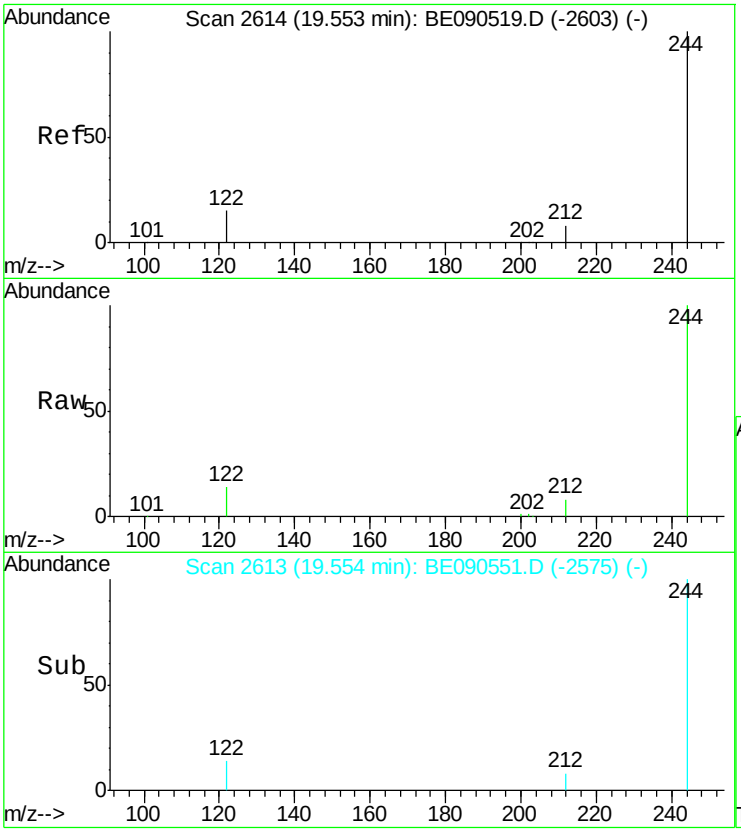




#26
Pyrene
Concen: 1.01 ng
RT: 19.34 min Scan# 2573
Delta R.T. 0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

Tgt Ion:202 Resp: 42166

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.0 | 16.7 | 25.1 |
| 203 | 17.4 | 13.8 | 20.8 |



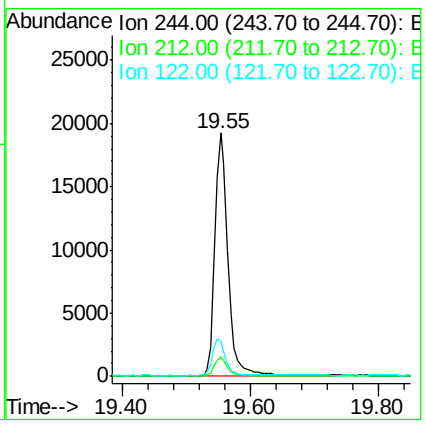


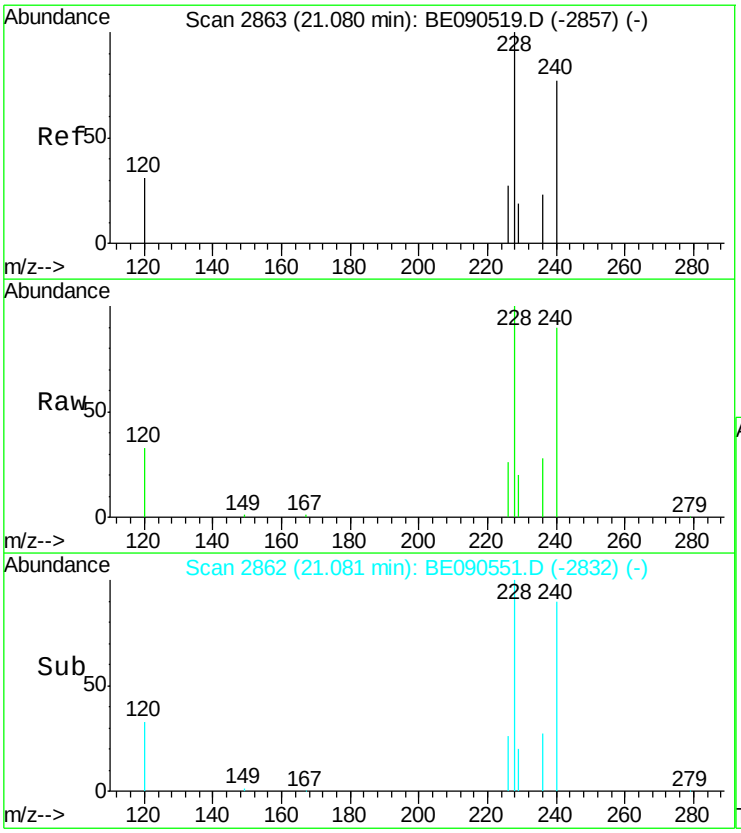

#27
Terphenyl-d14
Concen: 1.01 ng
RT: 19.55 min Scan# 2613
Delta R.T. 0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

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

Tgt Ion:244 Resp: 27098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.1 | 6.6 | 9.8 |
| 122 | 14.5 | 10.2 | 15.4 |

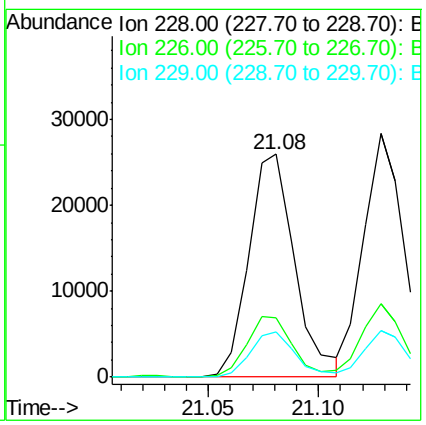


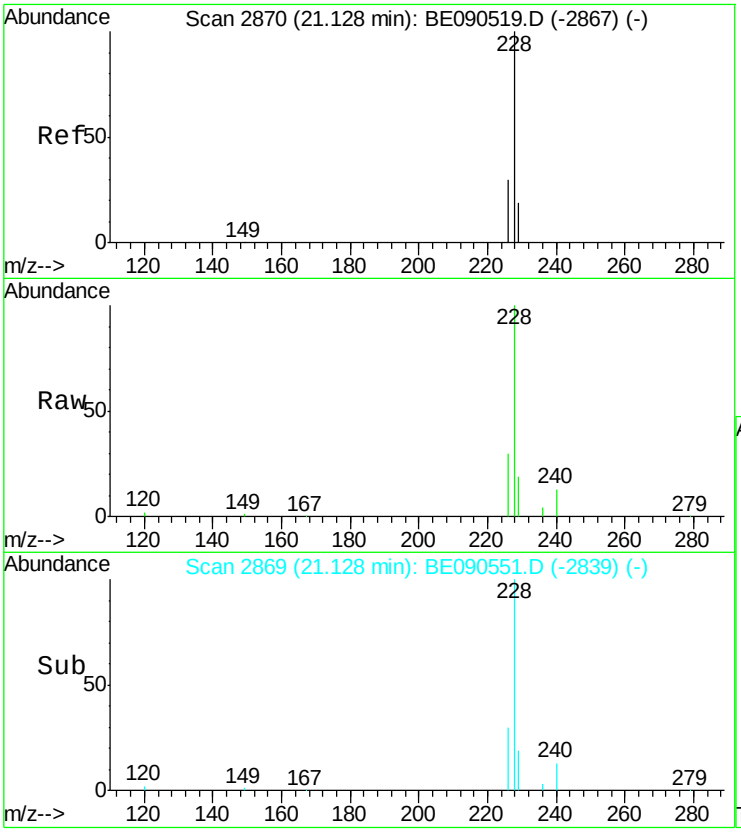




#28
Benzo(a)anthracene
Concen: 0.98 ng
RT: 21.08 min Scan# 2862
Delta R.T. 0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

Tgt Ion:228 Resp: 37639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.3 | 21.9 | 32.9 |
| 229 | 20.4 | 15.4 | 23.0 |



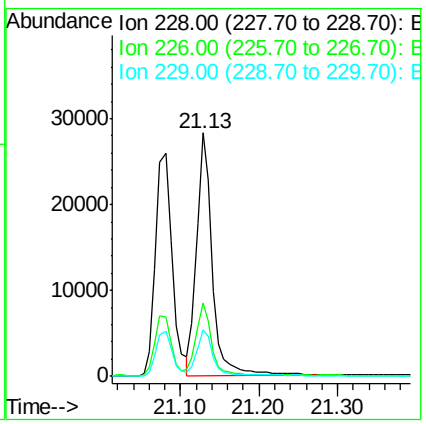


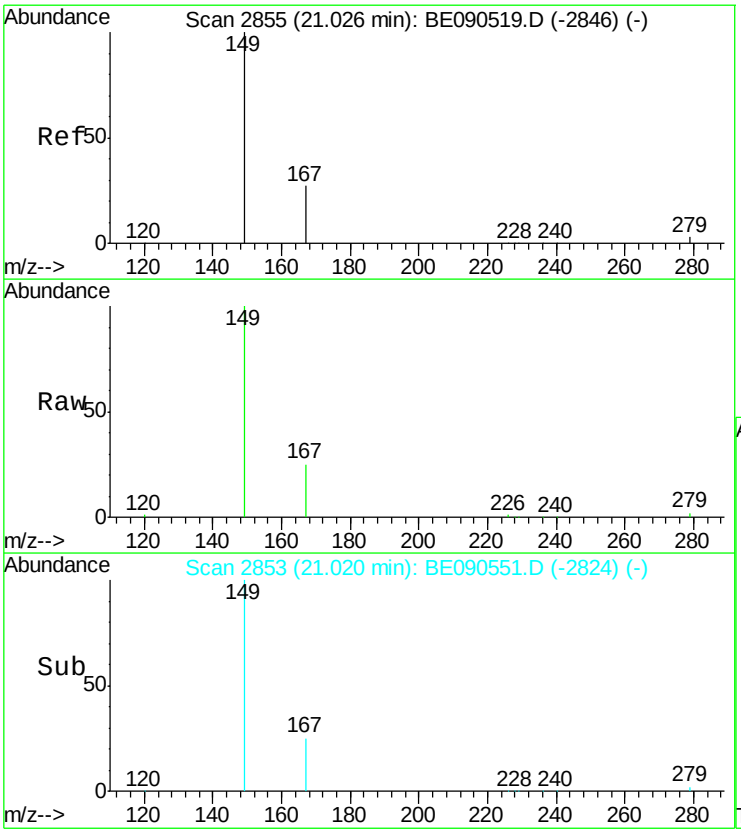

#29
Chrysene
Concen: 0.99 ng
RT: 21.13 min Scan# 2869
Delta R.T. 0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

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

Tgt Ion:228 Resp: 39091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.2 | 23.1 | 34.7 |
| 229 | 19.3 | 15.8 | 23.8 |

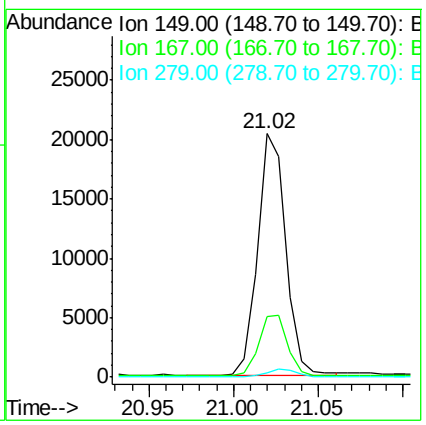


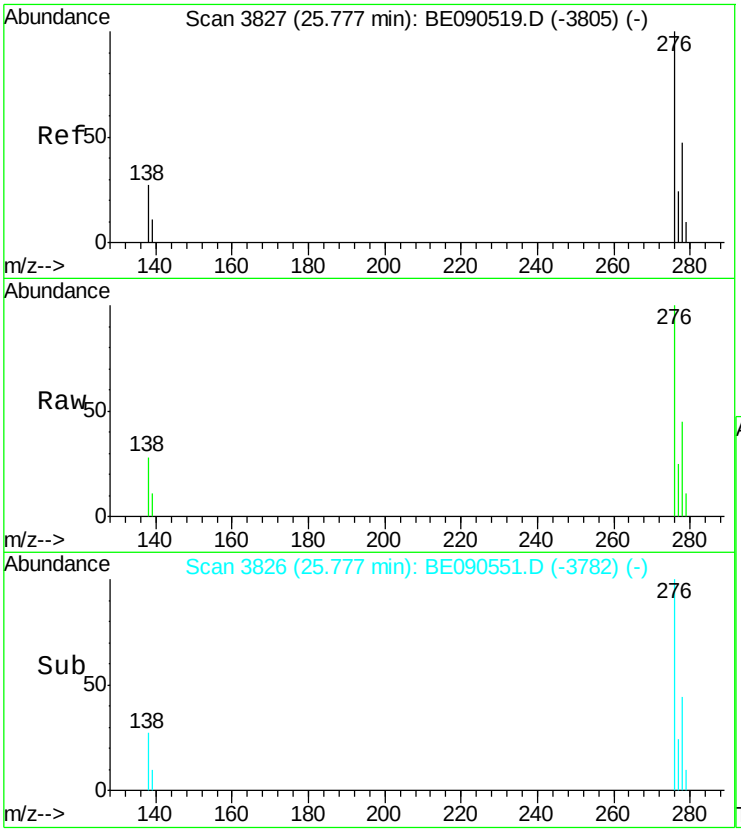




#30
Bis(2-ethylhexyl)phthalate
Concen: 1.12 ng
RT: 21.02 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

Tgt Ion:149 Resp: 23228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.2 | 19.8 | 29.8 |
| 279 | 3.1 | 2.4 | 3.6 |



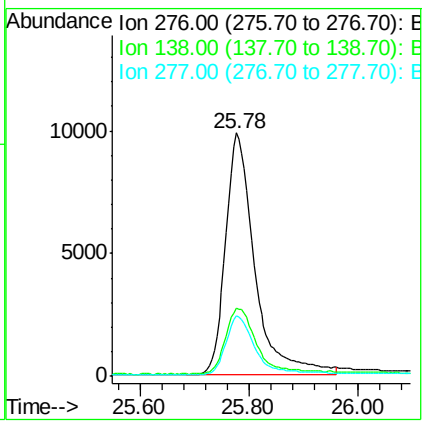


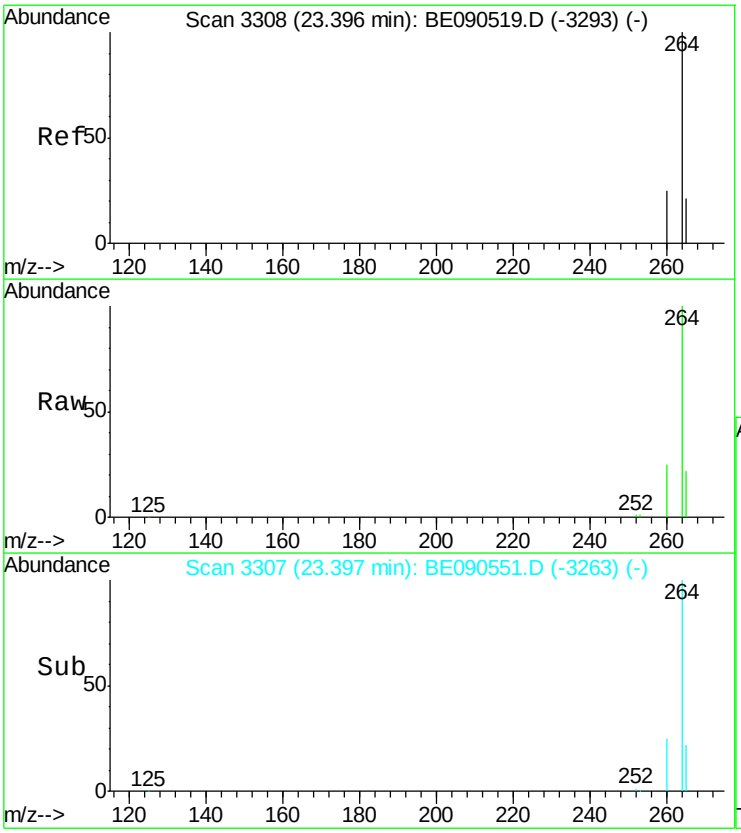

#31
Indeno(1,2,3-cd)pyrene
Concen: 0.99 ng
RT: 25.78 min Scan# 3826
Delta R.T. 0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

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

Tgt Ion:276 Resp: 36688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 29.0 | 18.8 | 28.2# |
| 277 | 24.6 | 18.2 | 27.4 |

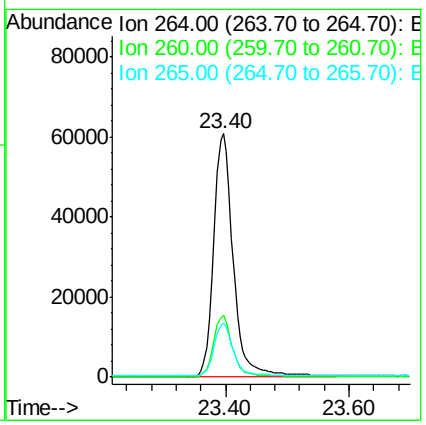


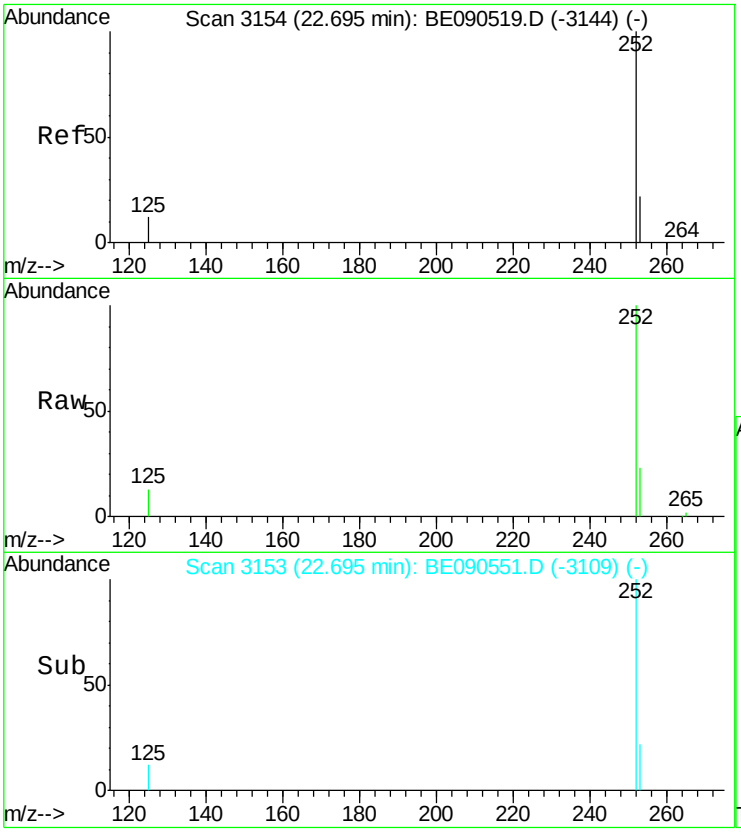




#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3307
Delta R.T. 0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

Tgt Ion:264 Resp: 134685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.2 | 20.1 | 30.1 |
| 265 | 22.0 | 17.2 | 25.8 |



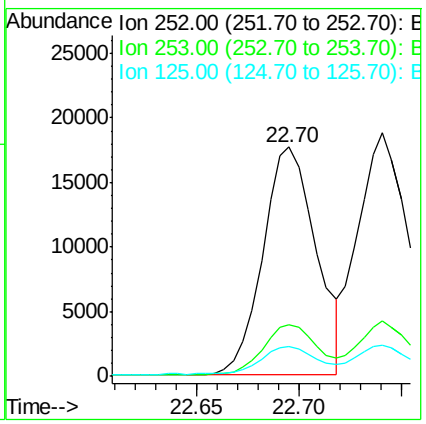


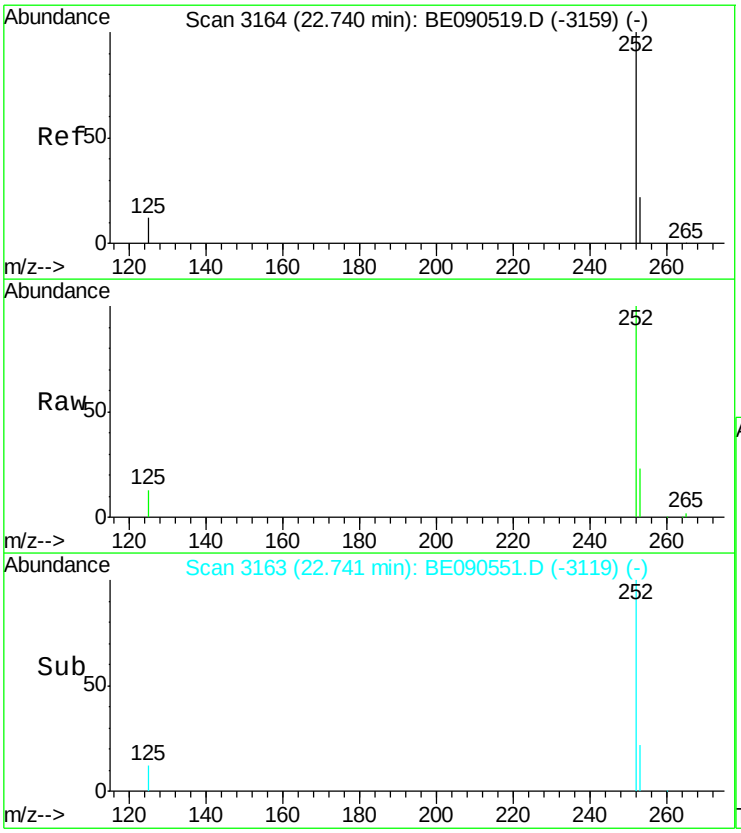

#33
Benzo(b)fluoranthene
Concen: 1.00 ng
RT: 22.70 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

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

Tgt Ion:252 Resp: 31998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.6 | 18.1 | 27.1 |
| 125 | 13.1 | 9.4 | 14.2 |

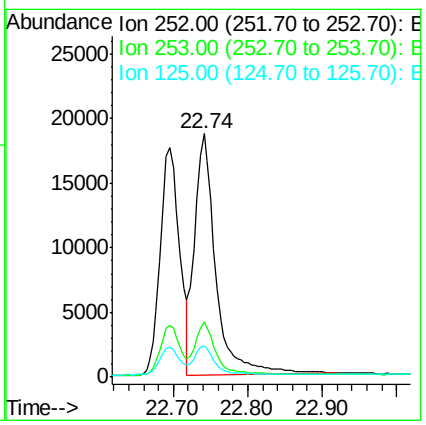


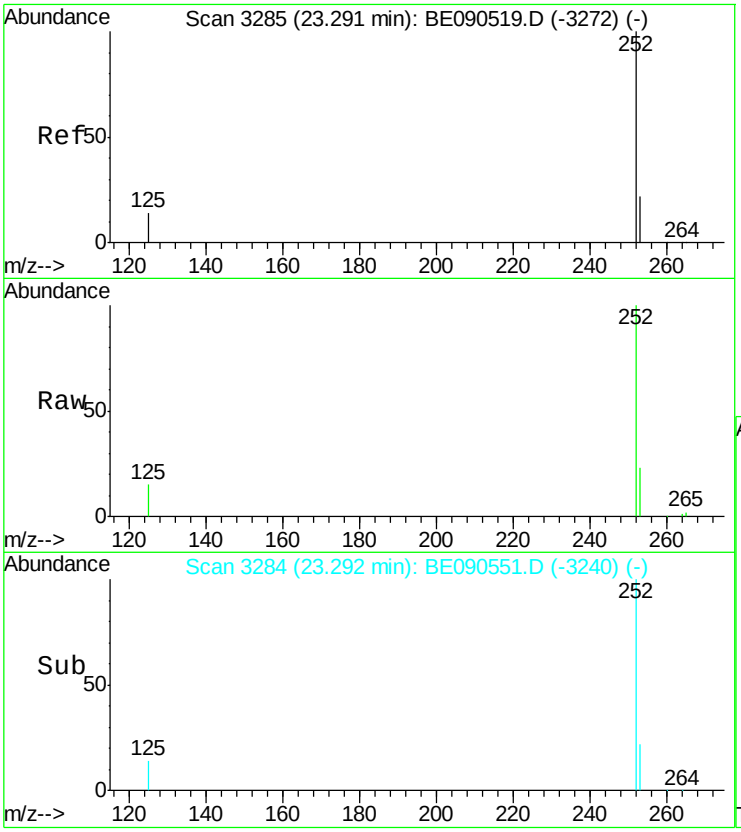




#34
Benzo(k)fluoranthene
Concen: 1.02 ng
RT: 22.74 min Scan# 3163
Delta R.T. 0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

Tgt Ion:252 Resp: 36862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.7 | 18.1 | 27.1 |
| 125 | 12.7 | 9.1 | 13.7 |



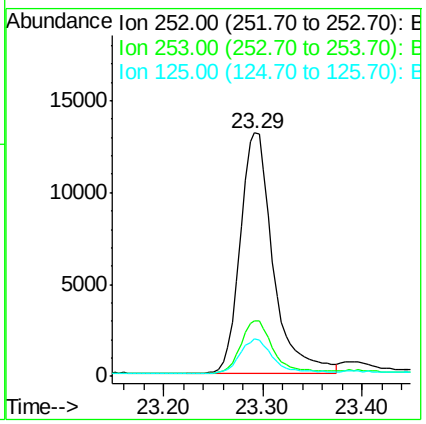


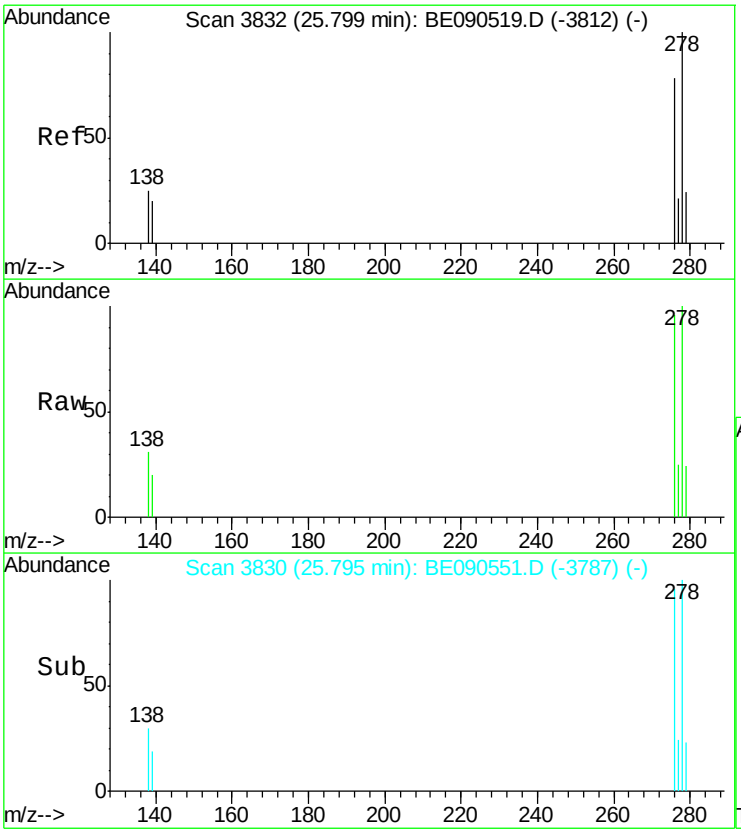

#35
Benzo(a)pyrene
Concen: 1.02 ng
RT: 23.29 min Scan# 3284
Delta R.T. 0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

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

Tgt Ion:252 Resp: 30362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.0 | 17.6 | 26.4 |
| 125 | 15.2 | 9.8 | 14.6# |

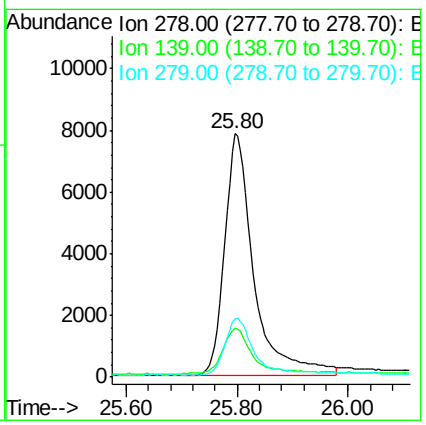


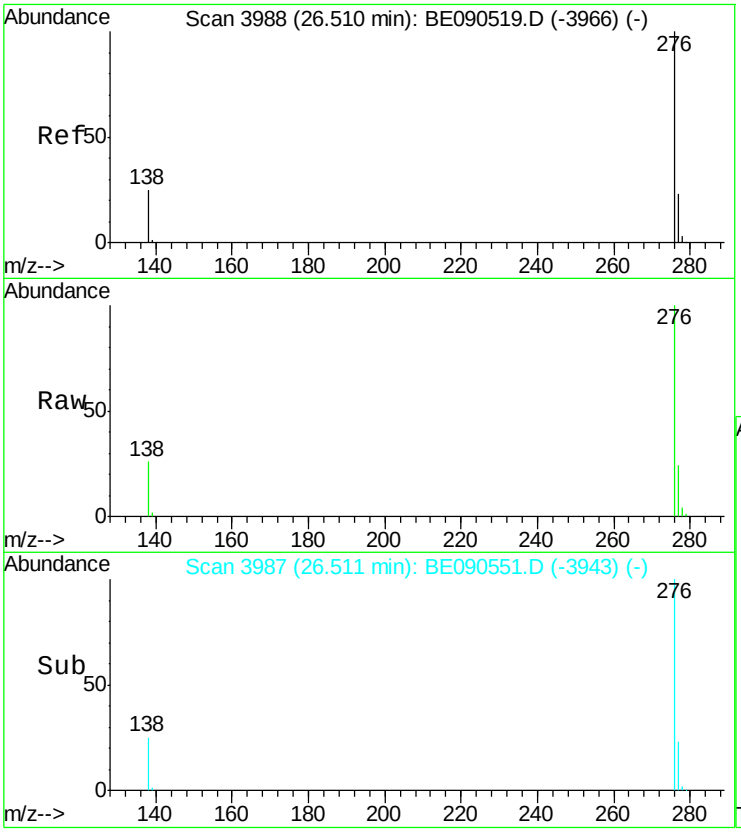




#36
Dibenzo(a,h)anthracene
Concen: 0.99 ng
RT: 25.80 min Scan# 3830
Delta R.T. -0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

Tgt Ion:278 Resp: 28628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 20.4 | 14.2 | 21.4 |
| 279 | 23.8 | 20.1 | 30.1 |






#37
Benzo(g,h,i)perylene
Concen: 1.02 ng
RT: 26.51 min Scan# 3987
Delta R.T. 0.00 min
Lab File: BE090551.D
Acq: 18 Aug 2015 2:11

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

Tgt Ion:276 Resp: 32052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.0 | 20.1 | 30.1 |
| 138 | 25.8 | 18.1 | 27.1 |