Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE051916\
Data File : BE091839.D
Acq On : 20 May 2016 16:06
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: May 20 17:22:16 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 19 15:36:49 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.80 | 152 | 29668 | 5.00 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.57 | 136 | 154172 | 5.00 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.41 | 164 | 93584 | 5.00 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.14 | 188 | 245757 | 5.00 | ng | | -0.01 |
| 26) Chrysene-d12 | 21.29 | 240 | 258764 | 5.00 | ng | | -0.02 |
| 35) Perylene-d12 | 23.73 | 264 | 242505 | 5.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.39 | 112 | 3250 | 0.42 | ng | | 0.00 |
| 5) Phenol-d6 | 6.97 | 99 | 4645 | 0.43 | ng | | 0.02 |
| 8) Nitrobenzene-d5 | 8.95 | 82 | 4179 | 0.41 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.90 | 330 | 1375 | 0.38 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.02 | 172 | 10572 | 0.40 | ng | | -0.01 |
| 29) Terphenyl-d14 | 19.74 | 244 | 15957 | 0.44 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.33 | 88 | 1294 | 0.37 | ng | # | 93 |
| 3) n-Nitrosodimethylamine | 3.63 | 42 | 1722 | 0.36 | ng | # | 99 |
| 6) bis(2-Chloroethyl)ether | 7.21 | 93 | 3408 | 0.39 | ng | # | 79 |
| 9) Nitrobenzene | 8.99 | 77 | 4146 | 0.39 | ng | | 93 |
| 10) Naphthalene | 10.61 | 128 | 13083 | 0.38 | ng | | 99 |
| 11) Hexachlorobutadiene | 10.90 | 225 | 2574 | 0.51 | ng | | 89 |
| 12) 2-Methylnaphthalene | 12.23 | 142 | 8471 | 0.37 | ng | | 97 |
| 16) Acenaphthylene | 14.12 | 152 | 16897 | 0.40 | ng | # | 77 |
| 17) Acenaphthene | 14.46 | 154 | 9800 | 0.39 | ng | | 92 |
| 18) Fluorene | 15.44 | 166 | 11969 | 0.37 | ng | | 98 |
| 20) 4-Bromophenyl-phenylether | 16.33 | 248 | 3606 | 0.39 | ng | | 91 |
| 21) Hexachlorobenzene | 16.45 | 284 | 3567 | 0.37 | ng | | 99 |
| 22) Pentachlorophenol | 16.79 | 266 | 999 | 0.25 | ng | | 95 |
| 23) Phenanthrene | 17.18 | 178 | 21387 | 0.35 | ng | | 99 |
| 24) Anthracene | 17.26 | 178 | 20008 | 0.37 | ng | | 99 |
| 25) Fluoranthene | 19.19 | 202 | 24645 | 0.38 | ng | # | 96 |
| 27) Benzidine | 19.38 | 184 | 9924 | 0.65 | ng | # | 80 |
| 28) Pyrene | 19.55 | 202 | 25175 | 0.44 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.27 | 228 | 46741 | 0.75 | ng | # | 91 |
| 31) 3,3'-Dichlorobenzidine | 21.22 | 252 | 22124 | 0.56 | ng | # | 93 |
| 32) Chrysene | 21.27 | 228 | 46884 | 0.91 | ng | | 96 |
| 33) Bis(2-ethylhexyl)phthalate | 21.20 | 149 | 15869 | 0.67 | ng | # | 83 |
| 34) Indeno(1,2,3-cd)pyrene | 26.28 | 276 | 28150 | 0.44 | ng | | 95 |
| 36) Benzo(b)fluoranthene | 22.98 | 252 | 24087 | 0.40 | ng | | 96 |
| 37) Benzo(k)fluoranthene | 23.03 | 252 | 25320 | 0.41 | ng | | 94 |
| 38) Benzo(a)pyrene | 23.61 | 252 | 23873 | 0.41 | ng | # | 95 |
| 39) Dibenzo(a,h)anthracene | 26.29 | 278 | 23185 | 0.41 | ng | | 98 |
| 40) Benzo(g,h,i)perylene | 27.06 | 276 | 23529 | 0.40 | ng | | 97 |

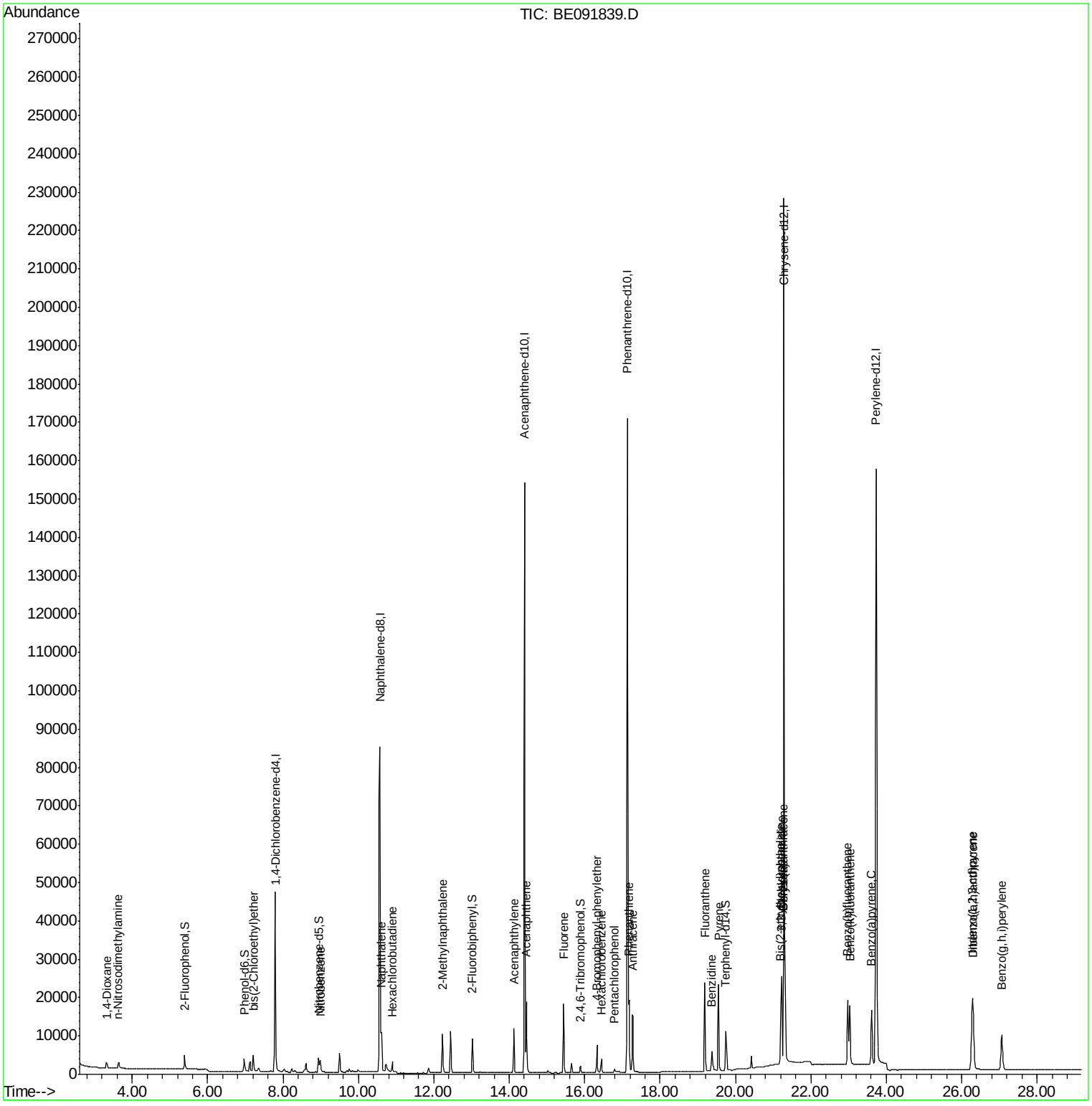
(#) = qualifier out of range (m) = manual integration (+) = signals summed

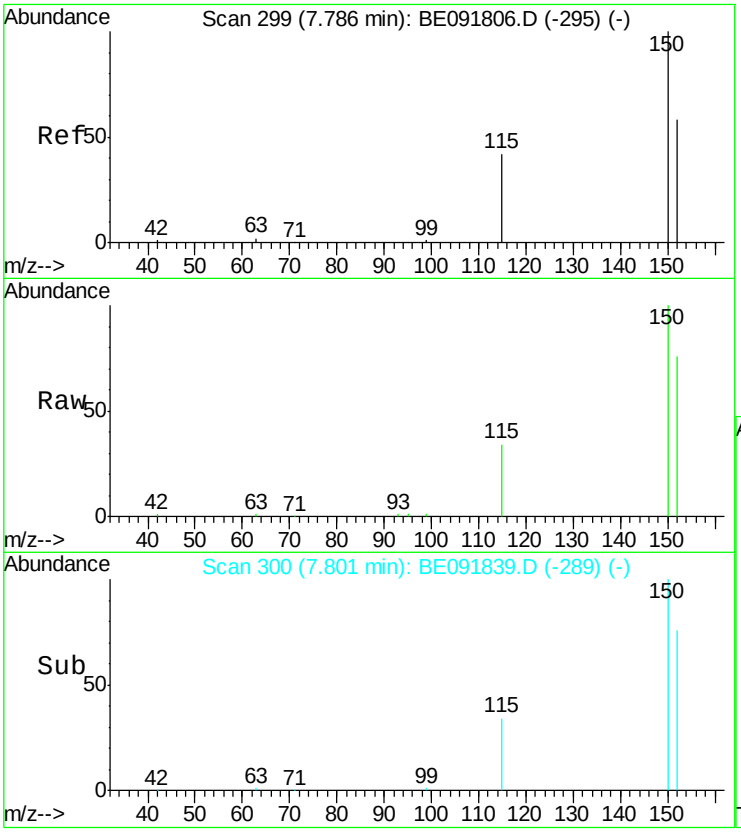
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE051916\
Data File : BE091839.D
Acq On : 20 May 2016 16:06
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: May 20 17:22:16 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 19 15:36:49 2016
Response via : Initial Calibration



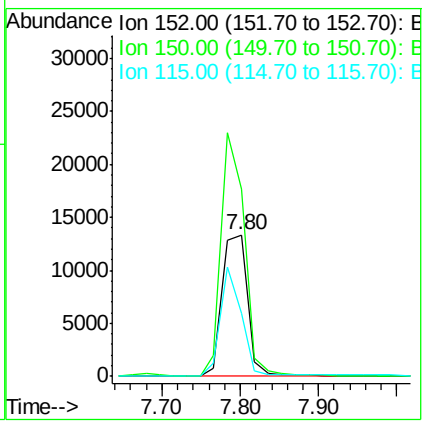


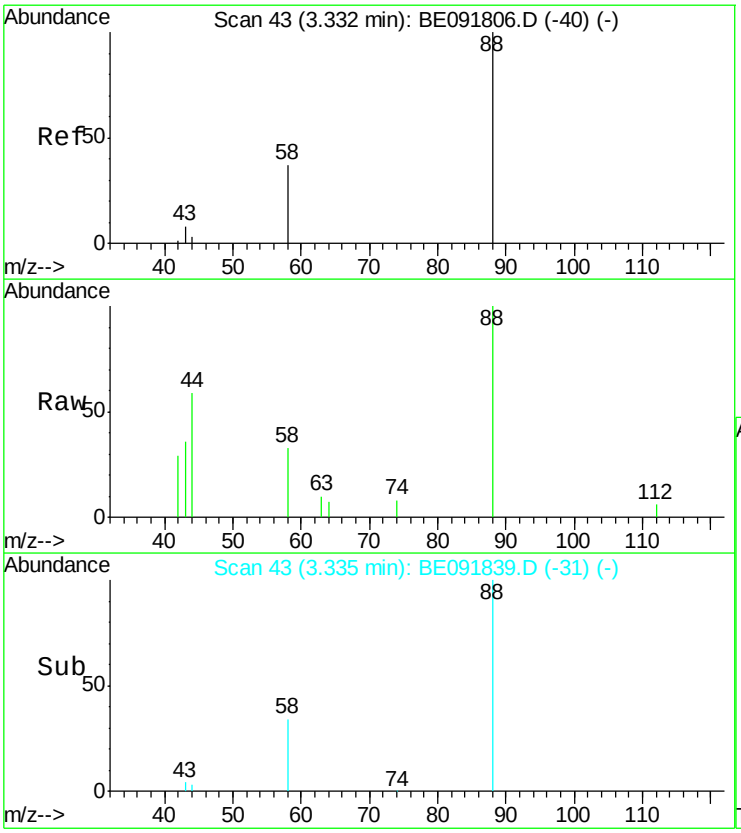

#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. -0.00 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

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

Tgt Ion:152 Resp: 29668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 131.8 | 122.6 | 183.8 |
| 115 | 44.9 | 52.8 | 79.2# |

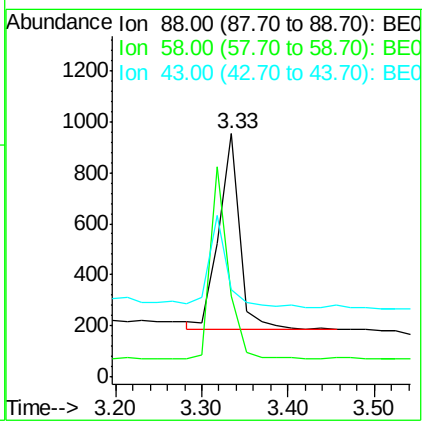


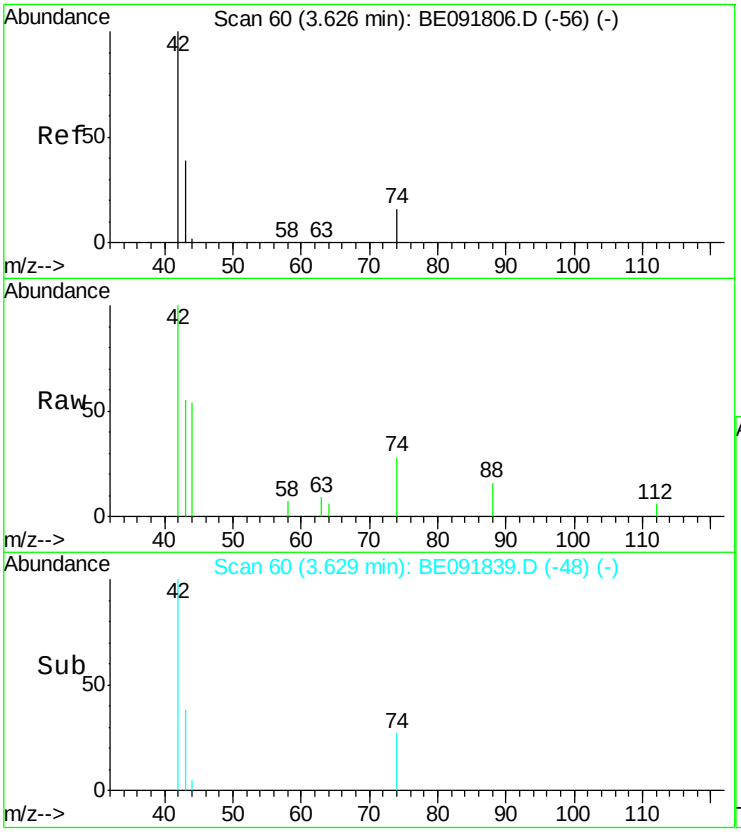




#2
1,4-Dioxane
Concen: 0.37 ng
RT: 3.33 min Scan# 43
Delta R.T. 0.00 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

Tgt Ion: 88 Resp: 1294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 84.0 | 65.8 | 98.6 |
| 43 | 43.4 | 25.3 | 37.9# |



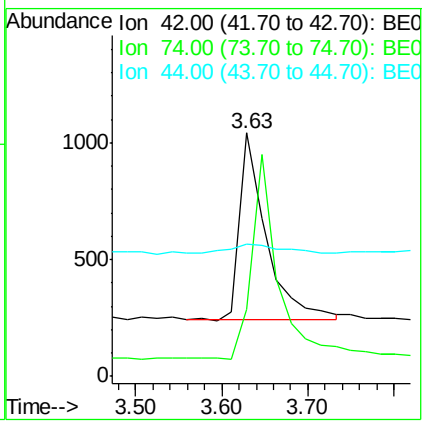


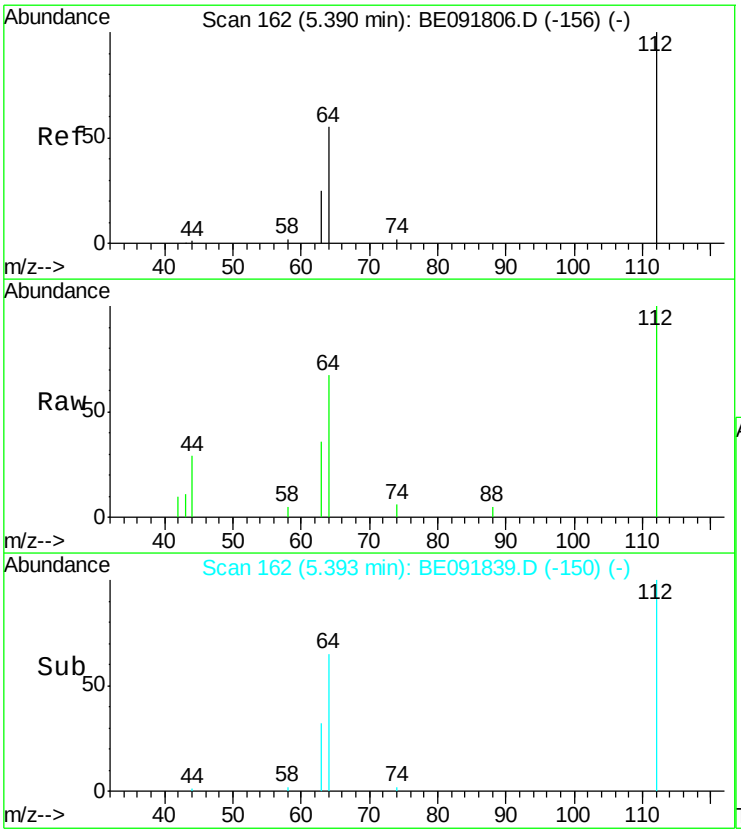

#3
n-Nitrosodimethylamine
Concen: 0.36 ng
RT: 3.63 min Scan# 60
Delta R.T. 0.00 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

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

Tgt Ion: 42 Resp: 1722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 109.2 | 87.9 | 131.9 |
| 44 | 11.3 | 6.6 | 9.8# |

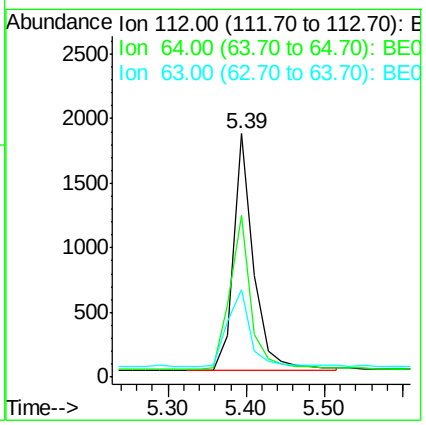


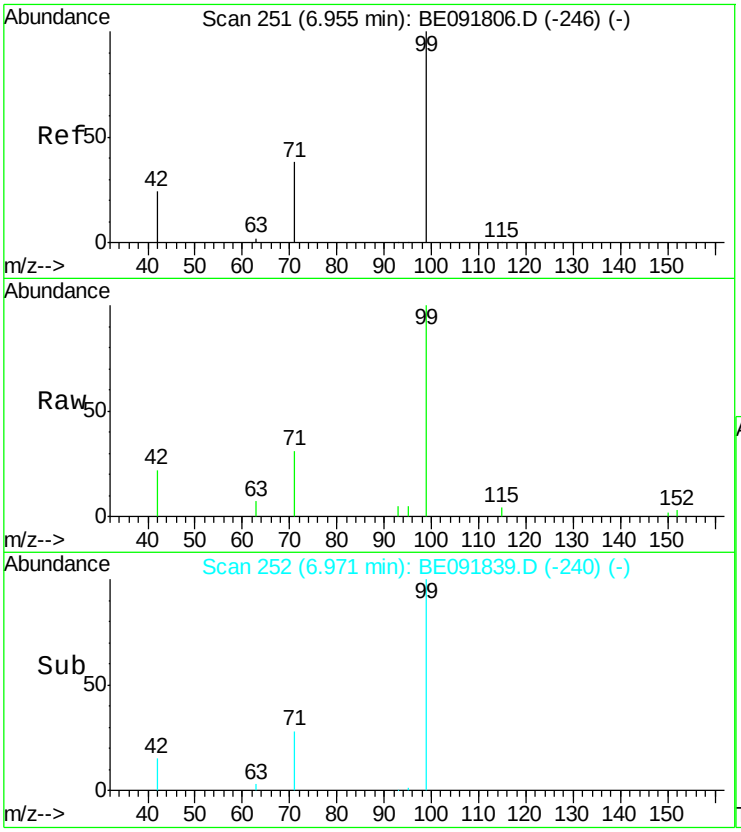




#4
2-Fluorophenol
Concen: 0.42 ng
RT: 5.39 min Scan# 162
Delta R.T. 0.00 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

Tgt Ion:112 Resp: 3250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 68.6 | 30.9 | 46.3# |
| 63 | 37.0 | 16.7 | 25.1# |



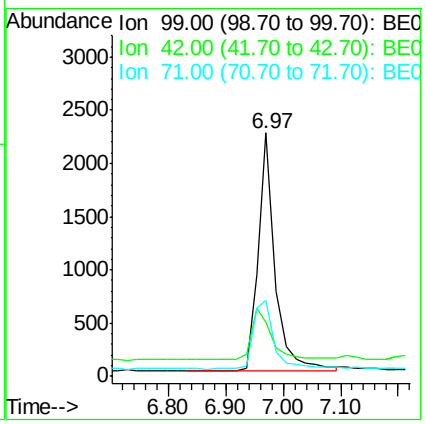


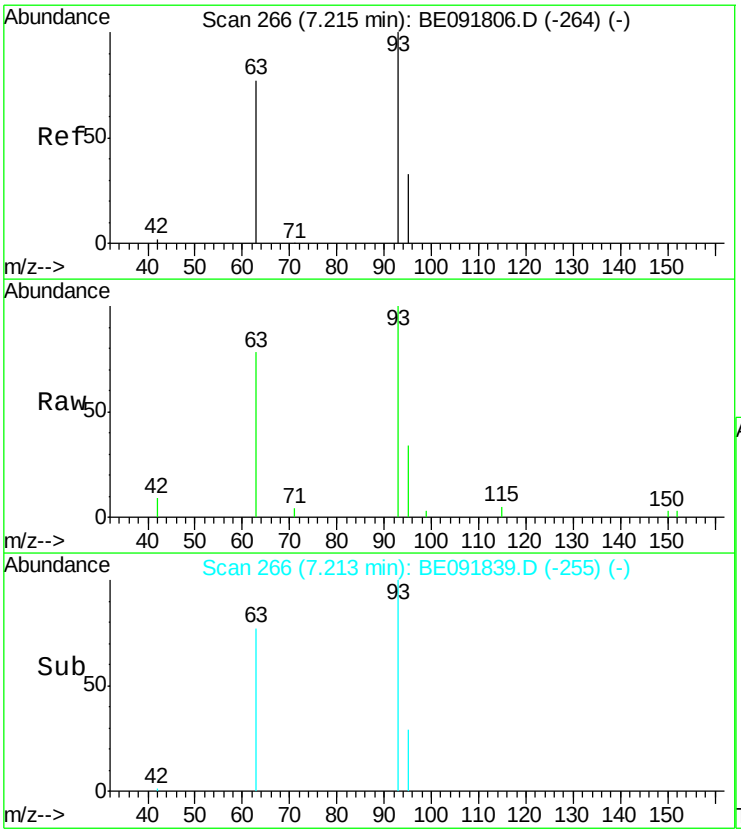

#5
Phenol-d6
Concen: 0.43 ng
RT: 6.97 min Scan# 252
Delta R.T. 0.02 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

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

Tgt Ion: 99 Resp: 4645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 25.0 | 16.2 | 24.2# |
| 71 | 35.3 | 29.0 | 43.4 |

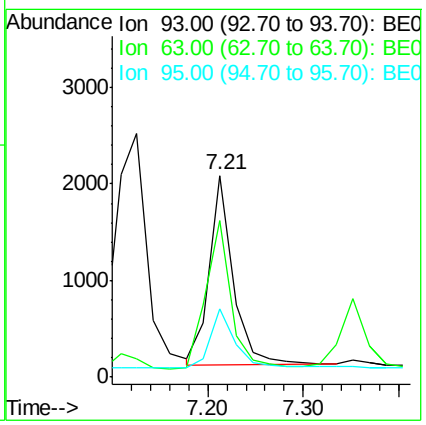


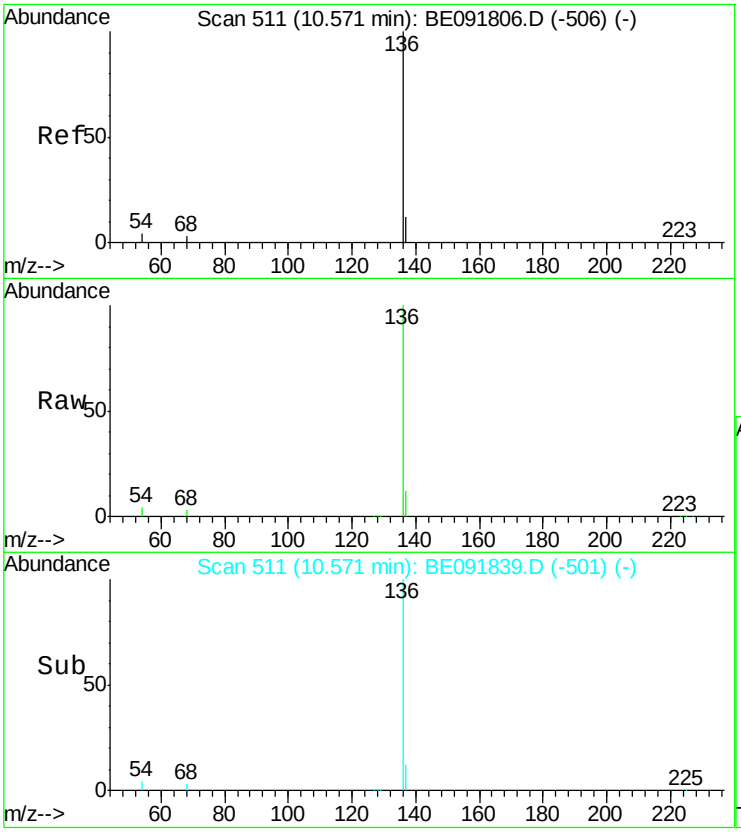




#6
bis(2-Chloroethyl)ether
Concen: 0.39 ng
RT: 7.21 min Scan# 266
Delta R.T. -0.00 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

Tgt Ion: 93 Resp: 3408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 82.6 | 49.5 | 74.3# |
| 95 | 31.3 | 22.2 | 33.4 |



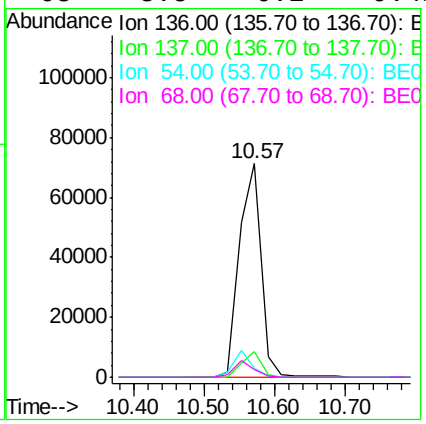


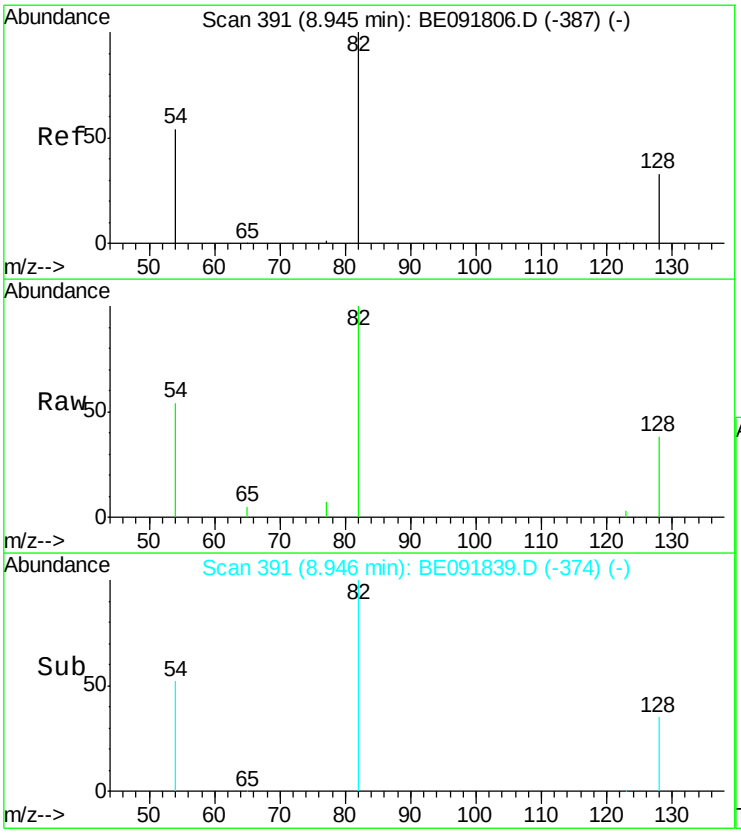

#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. 0.00 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

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

Tgt Ion:136 Resp: 154172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.8 | 8.9 | 13.3 |
| 54 | 4.1 | 8.2 | 12.4# |
| 68 | 3.5 | 6.2 | 9.4# |

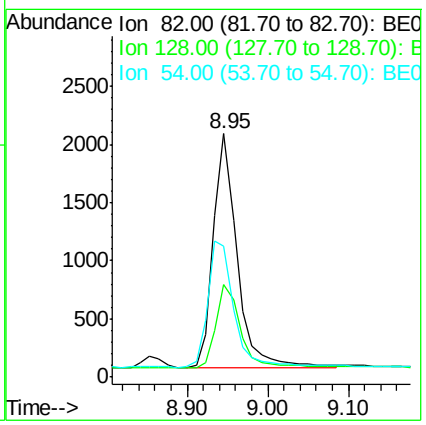


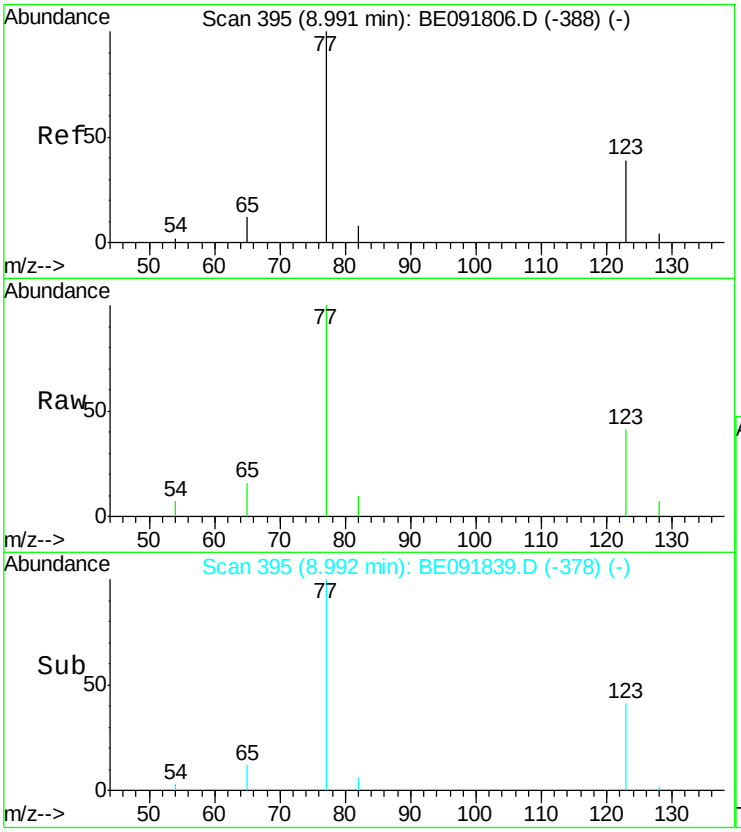




#8
Nitrobenzene-d5
Concen: 0.41 ng
RT: 8.95 min Scan# 391
Delta R.T. -0.00 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

Tgt Ion: 82 Resp: 4179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 38.0 | 25.4 | 38.0 |
| 54 | 54.0 | 48.4 | 72.6 |



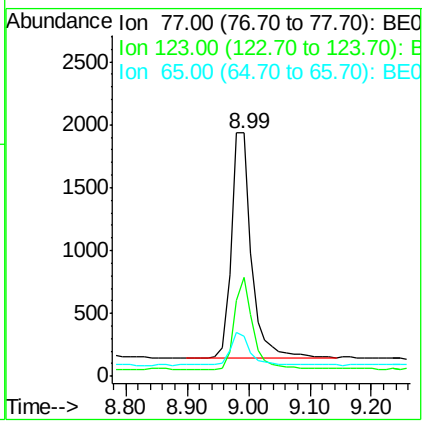


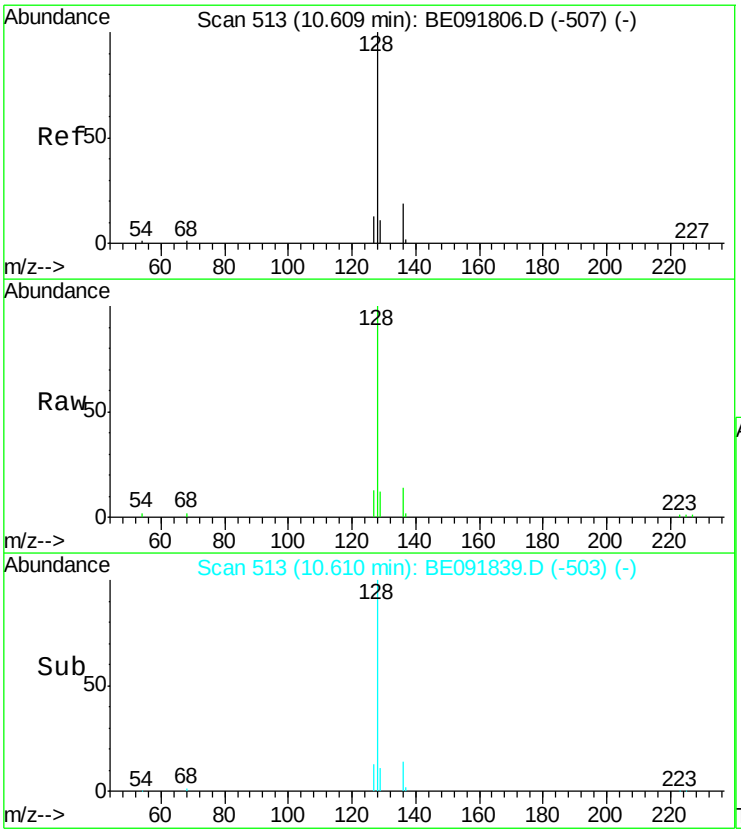

#9
Nitrobenzene
Concen: 0.39 ng
RT: 8.99 min Scan# 395
Delta R.T. -0.00 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

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

Tgt Ion: 77 Resp: 4146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 38.2 | 26.9 | 40.3 |
| 65 | 13.6 | 9.4 | 14.2 |

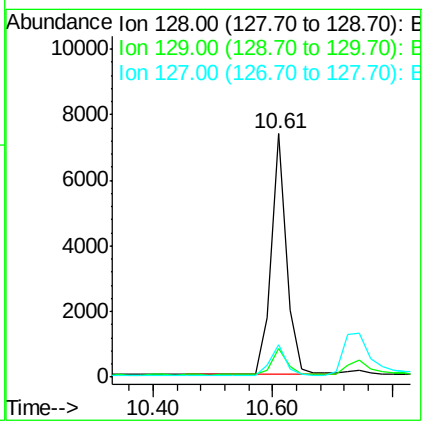


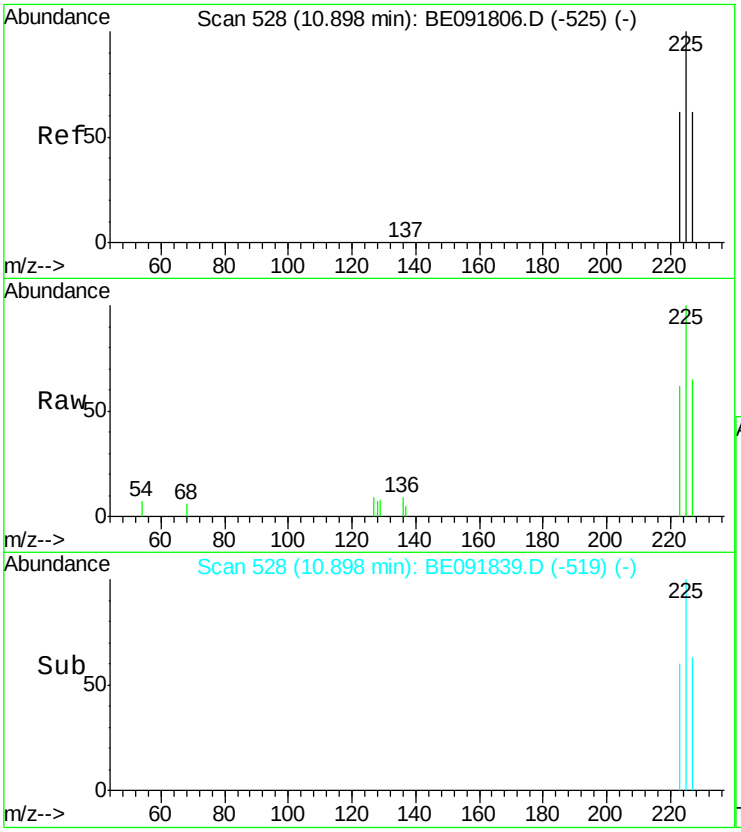




#10
Naphthalene
Concen: 0.38 ng
RT: 10.61 min Scan# 513
Delta R.T. 0.00 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

Tgt Ion:128 Resp: 13083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.8 | 9.3 | 13.9 |
| 127 | 13.2 | 10.7 | 16.1 |



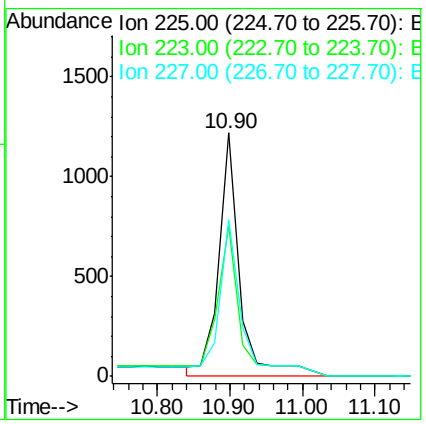


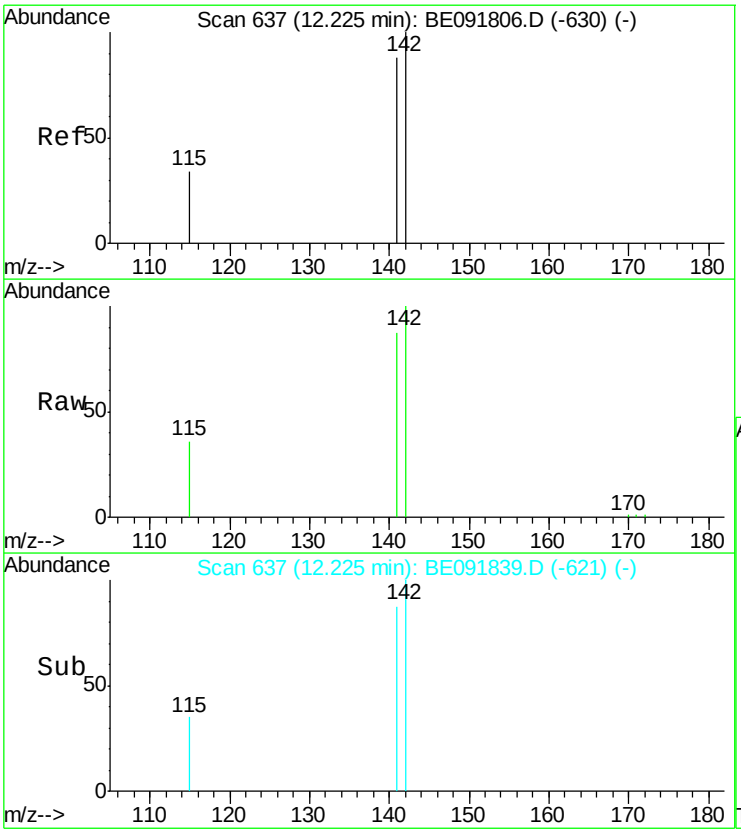

#11
Hexachlorobutadiene
Concen: 0.51 ng
RT: 10.90 min Scan# 528
Delta R.T. -0.02 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

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

Tgt Ion:225 Resp: 2574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 70.7 | 49.0 | 73.6 |
| 227 | 70.1 | 50.3 | 75.5 |

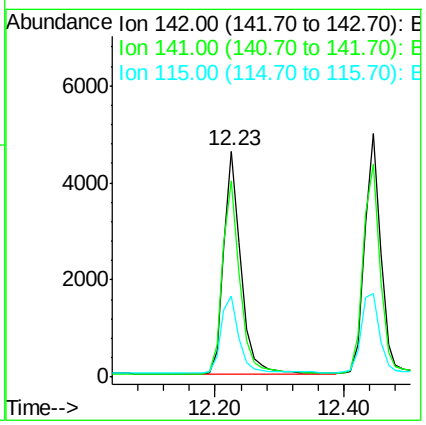


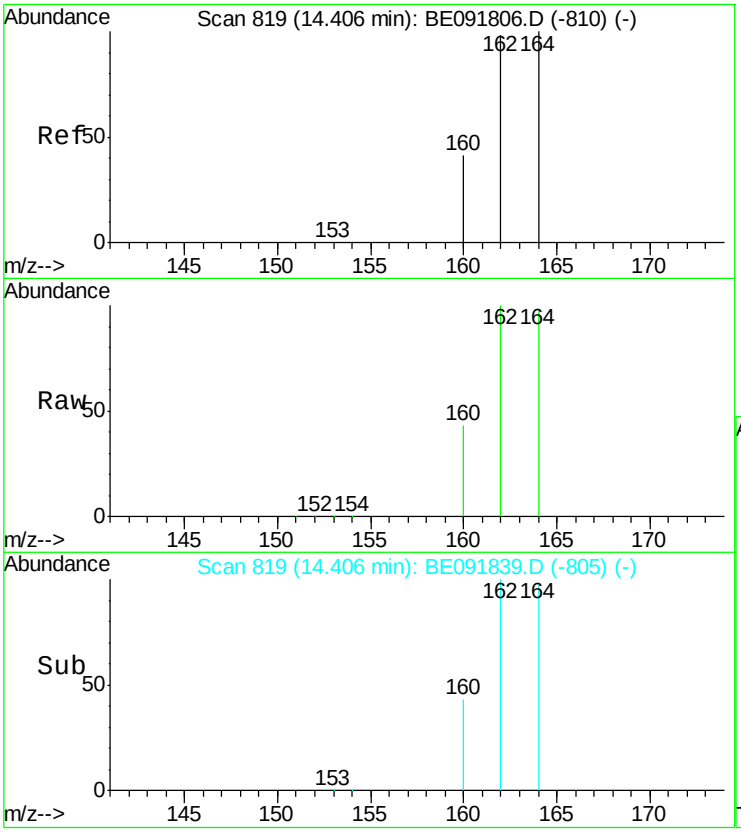




#12
2-Methylnaphthalene
Concen: 0.37 ng
RT: 12.23 min Scan# 637
Delta R.T. -0.01 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

Tgt Ion:142 Resp: 8471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 86.9 | 71.4 | 107.0 |
| 115 | 35.8 | 30.3 | 45.5 |



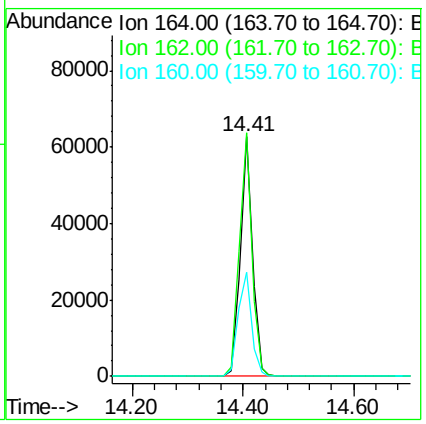


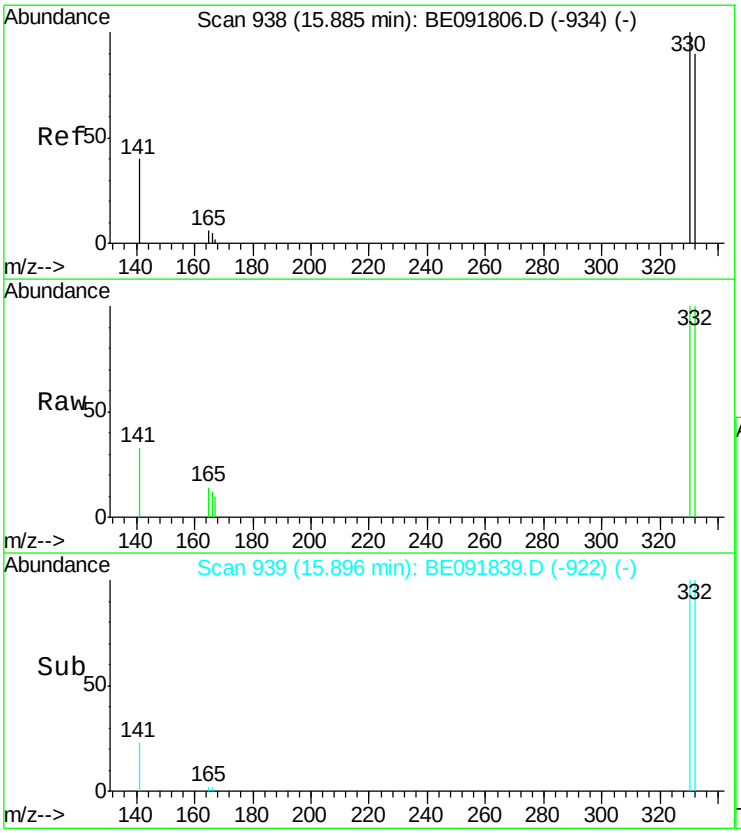

#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.41 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

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

Tgt Ion:164 Resp: 93584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.6 | 85.3 | 127.9 |
| 160 | 43.5 | 46.2 | 69.2# |

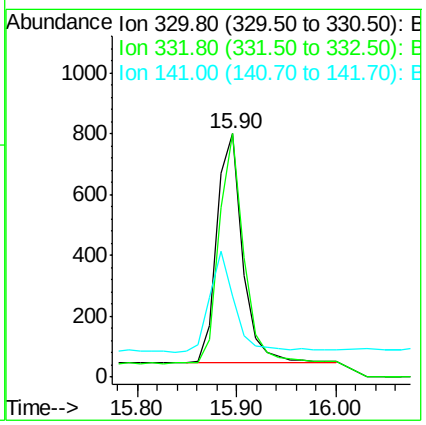


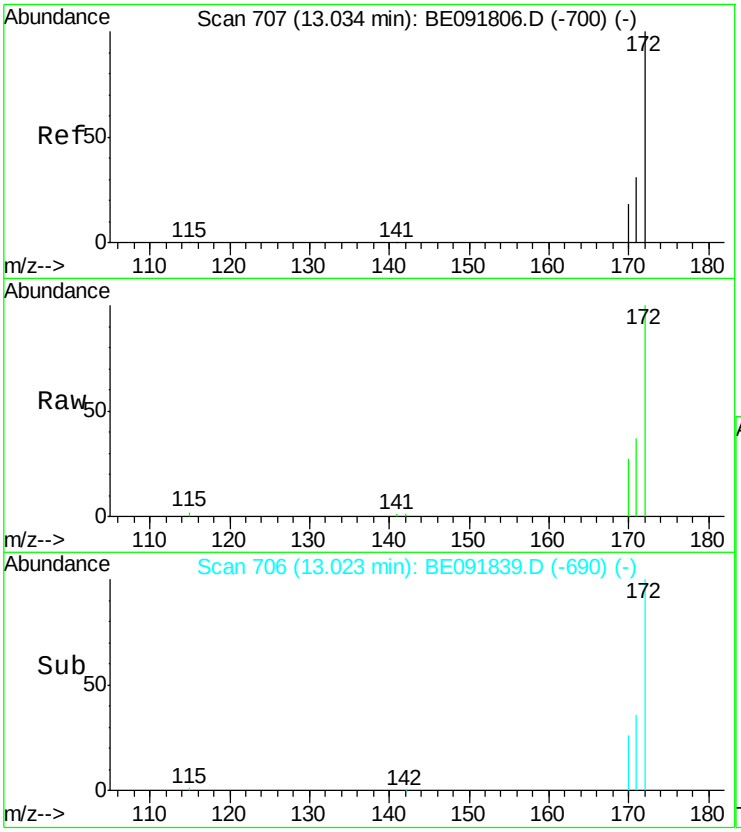




#14
2,4,6-Tribromophenol
Concen: 0.38 ng
RT: 15.90 min Scan# 939
Delta R.T. 0.00 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

Tgt Ion:330 Resp: 1375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.6 | 79.1 | 118.7 |
| 141 | 42.3 | 125.4 | 188.0# |



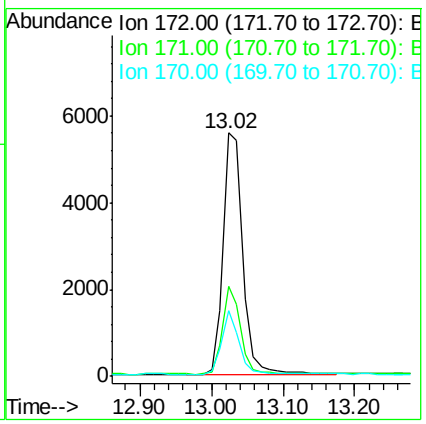


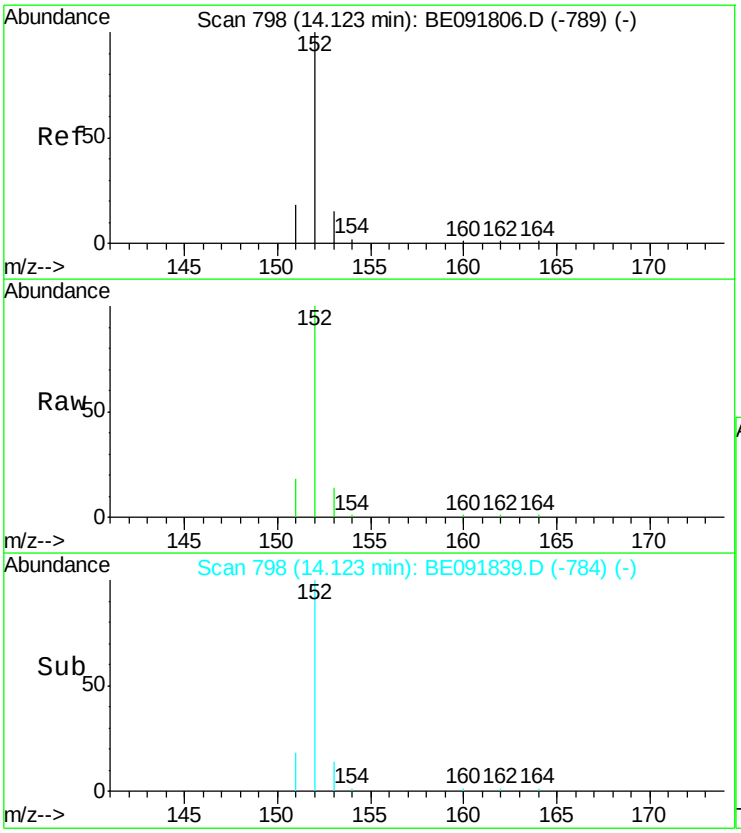

#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.02 min Scan# 706
Delta R.T. -0.01 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

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

Tgt Ion:172 Resp: 10572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.2 | 28.8 | 43.2 |
| 170 | 27.0 | 19.3 | 28.9 |

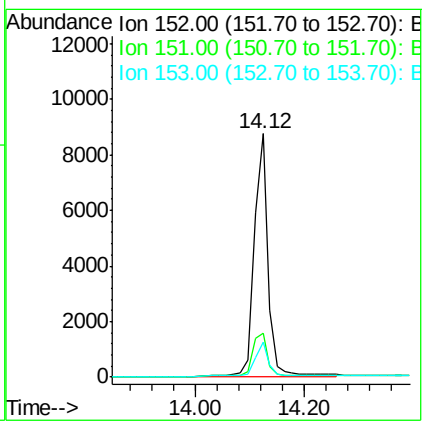


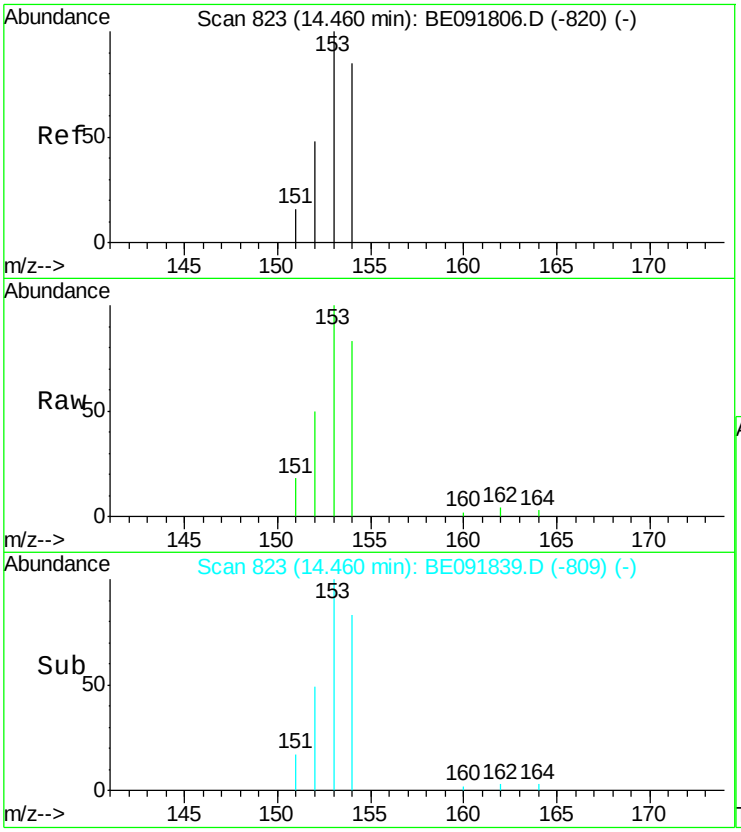




#16
Acenaphthylene
Concen: 0.40 ng
RT: 14.12 min Scan# 798
Delta R.T. 0.00 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

Tgt Ion:152 Resp: 16897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 23.4 | 3.9 | 5.9# |
| 153 | 17.3 | 10.3 | 15.5# |



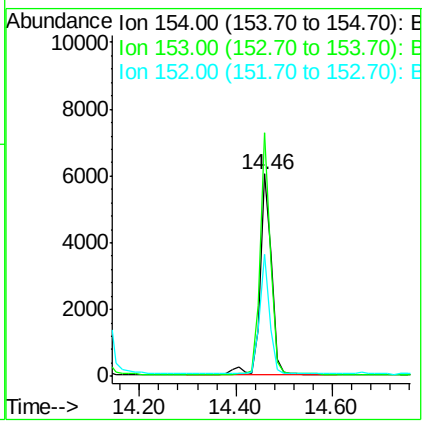


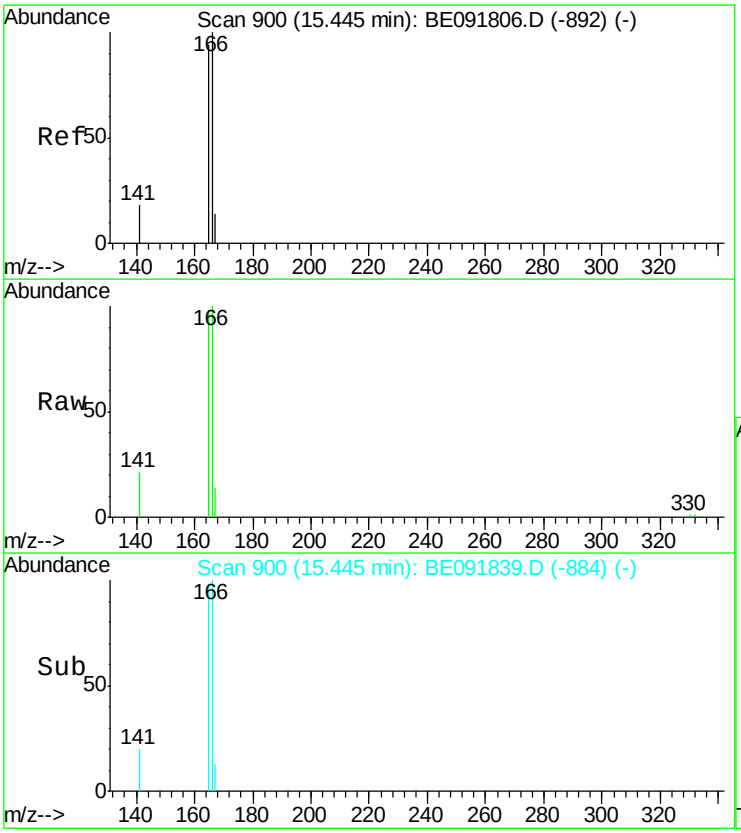

#17
Acenaphthene
Concen: 0.39 ng
RT: 14.46 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

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

Tgt Ion:154 Resp: 9800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 109.9 | 80.0 | 120.0 |
| 152 | 53.8 | 40.0 | 60.0 |

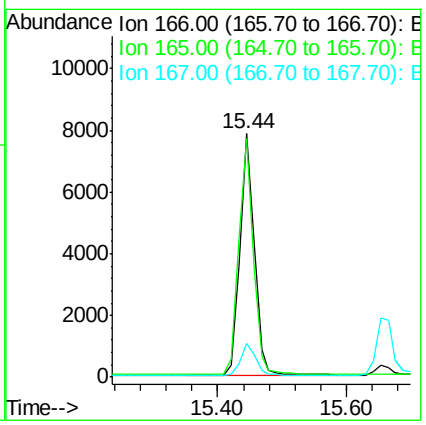


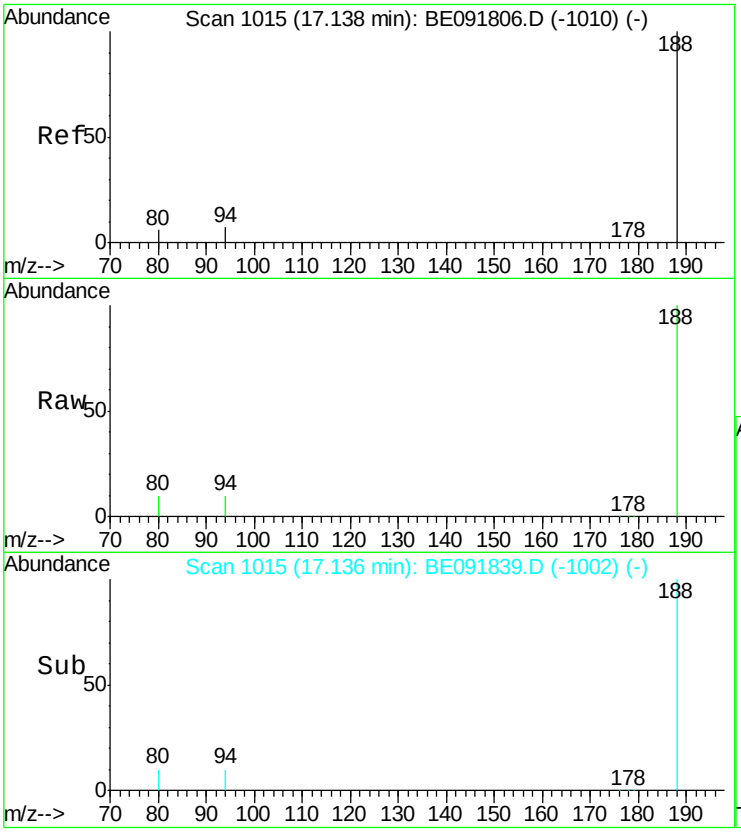




#18
Fluorene
Concen: 0.37 ng
RT: 15.44 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

Tgt Ion:166 Resp: 11969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.6 | 80.8 | 121.2 |
| 167 | 13.5 | 10.9 | 16.3 |



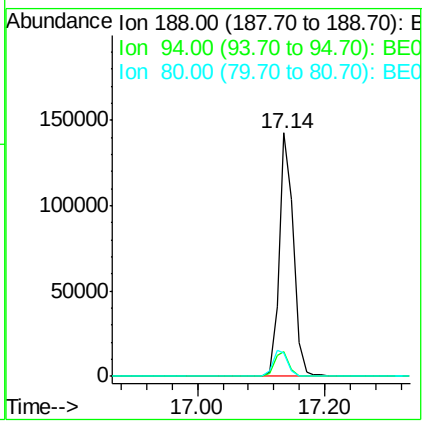


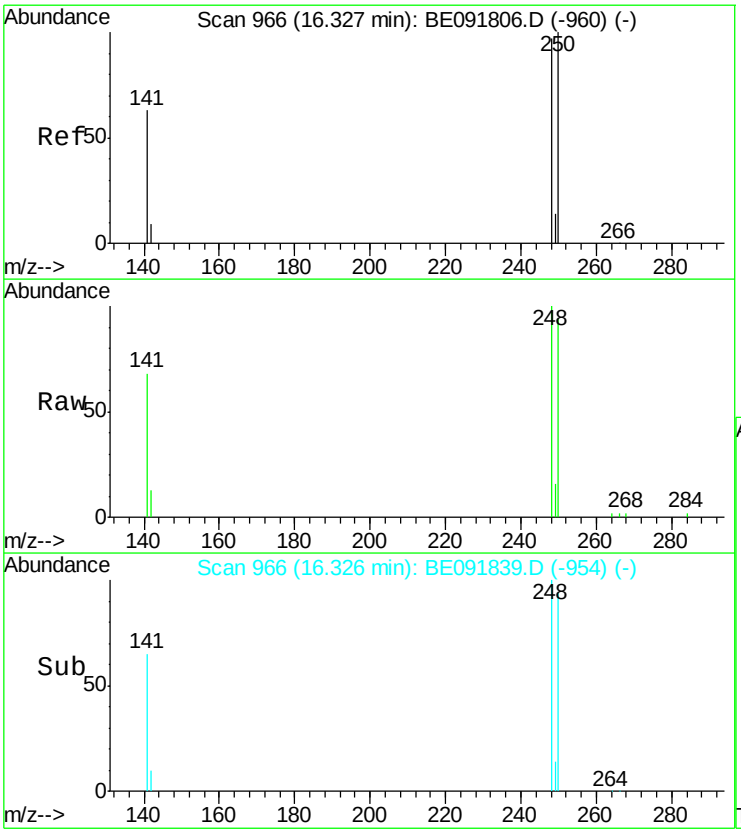

#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

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

Tgt Ion:188 Resp: 245757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.0 | 8.7 | 13.1 |
| 80 | 9.7 | 9.4 | 14.0 |

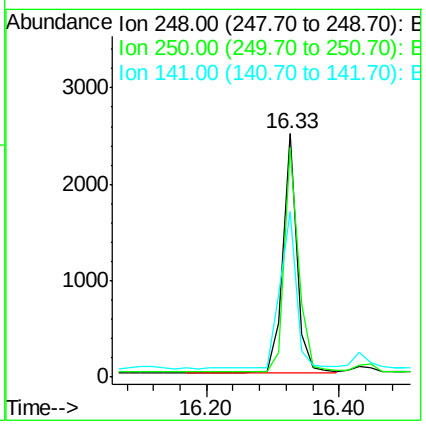


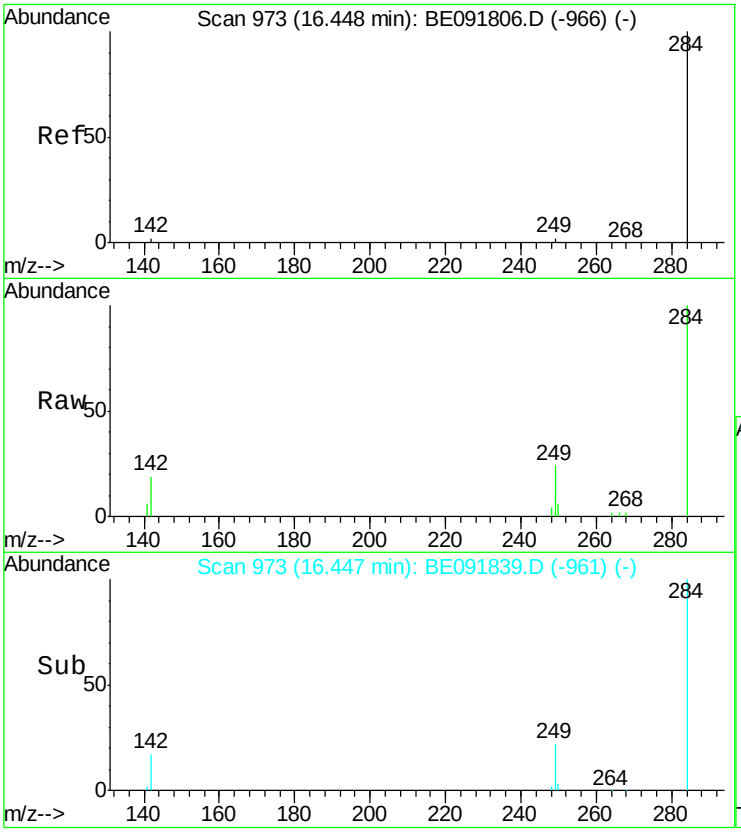




#20
4-Bromophenyl-phenylether
Concen: 0.39 ng
RT: 16.33 min Scan# 966
Delta R.T. -0.00 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

Tgt Ion:248 Resp: 3606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.5 | 80.5 | 120.7 |
| 141 | 76.6 | 72.0 | 108.0 |



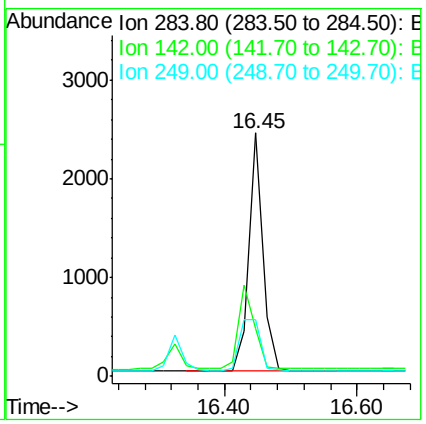


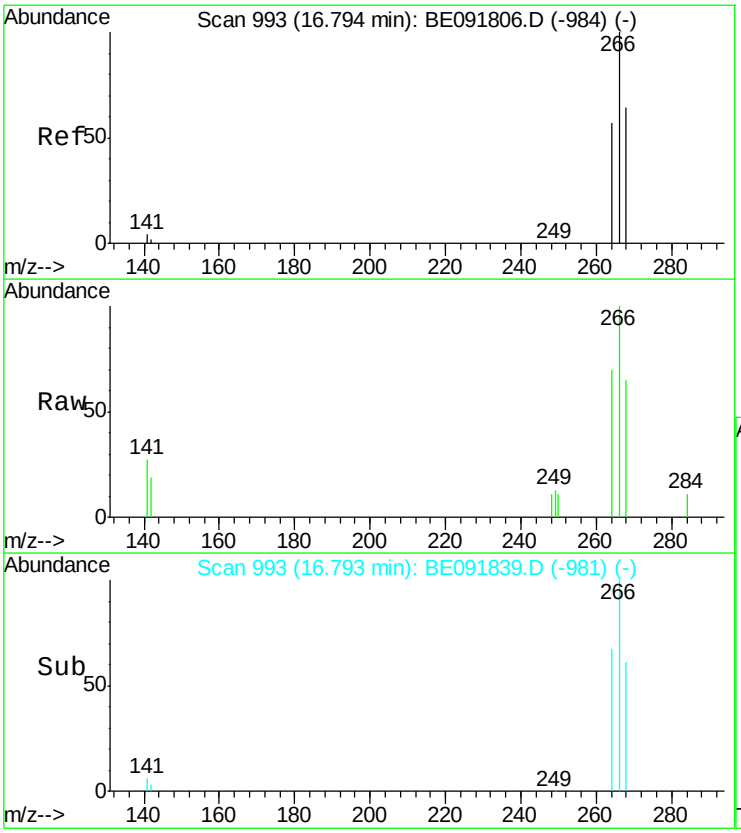

#21
Hexachlorobenzene
Concen: 0.37 ng
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

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

Tgt Ion:284 Resp: 3567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 39.4 | 32.2 | 48.2 |
| 249 | 32.3 | 25.4 | 38.2 |

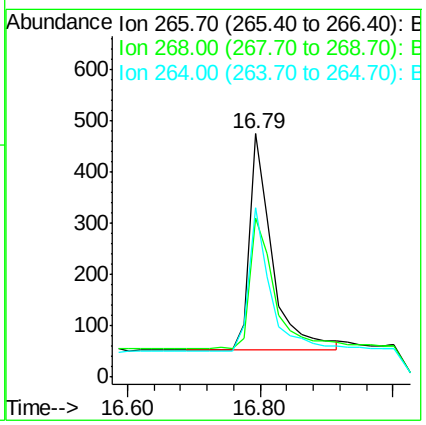


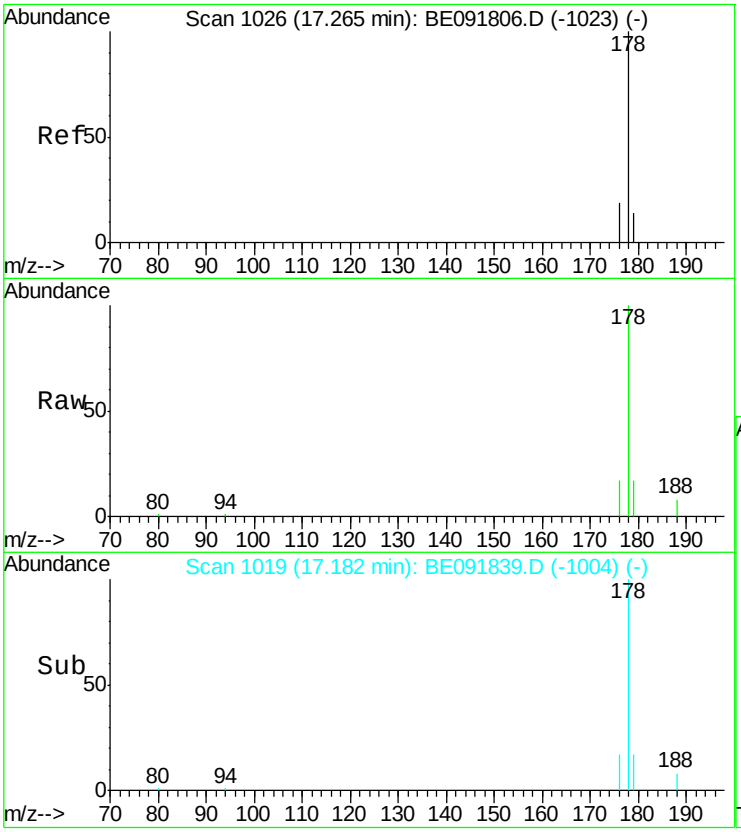




#22
Pentachlorophenol
Concen: 0.25 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

Tgt Ion:266 Resp: 999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 65.2 | 58.2 | 87.2 |
| 264 | 69.6 | 56.2 | 84.4 |



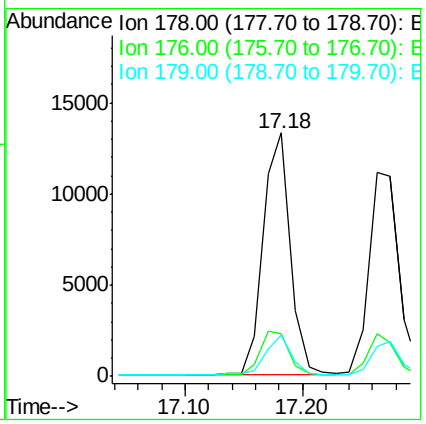


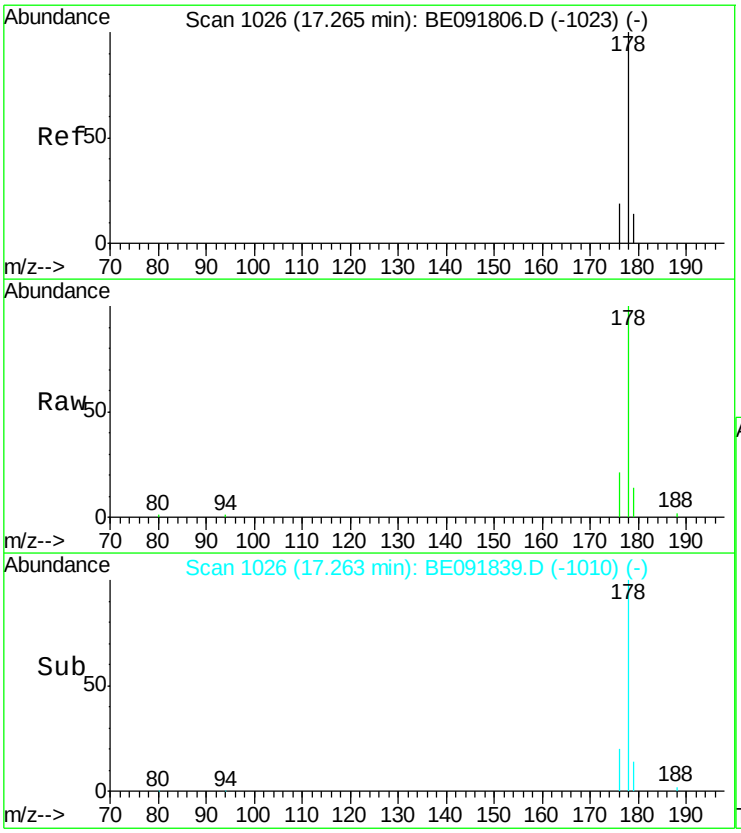

#23
Phenanthrene
Concen: 0.35 ng
RT: 17.18 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

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

Tgt Ion:178 Resp: 21387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.3 | 22.9 |
| 179 | 16.8 | 12.6 | 18.8 |

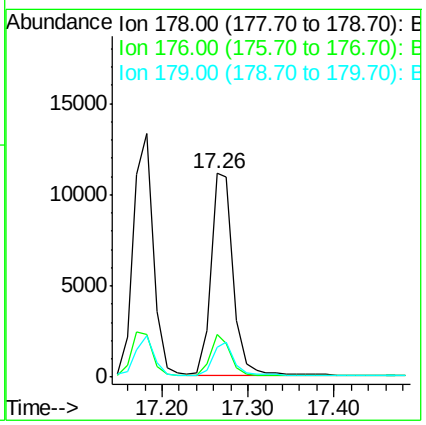


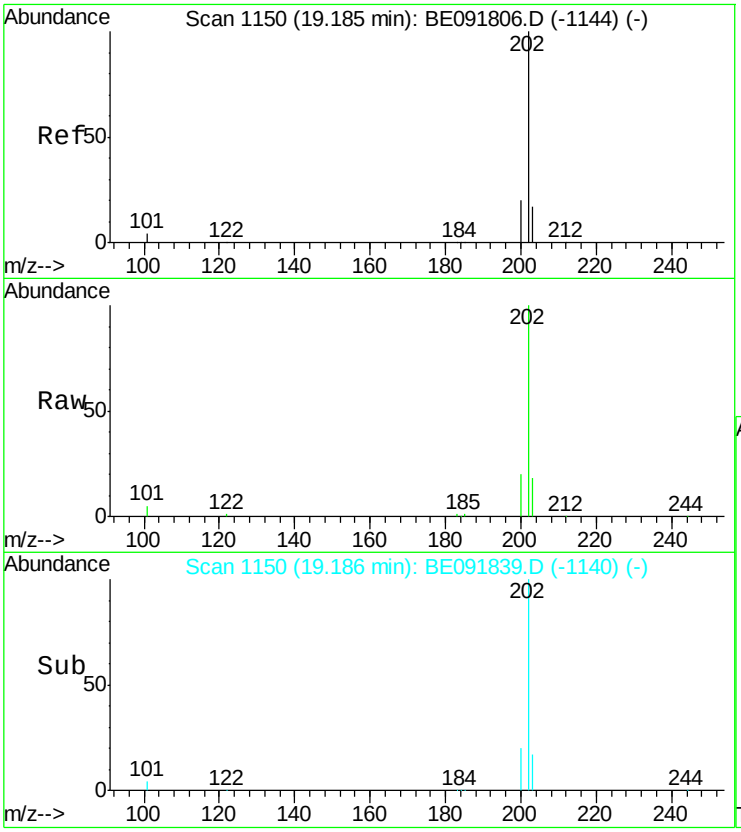




#24
Anthracene
Concen: 0.37 ng
RT: 17.26 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

Tgt Ion:178 Resp: 20008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 14.6 | 21.8 |
| 179 | 15.3 | 11.8 | 17.6 |



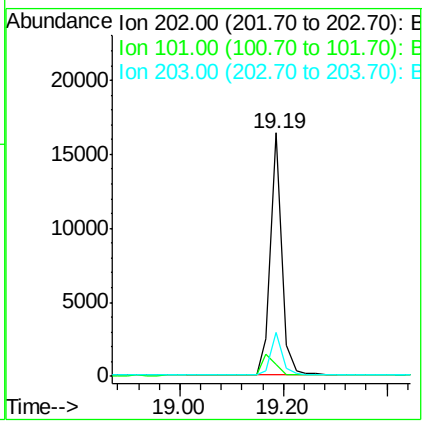


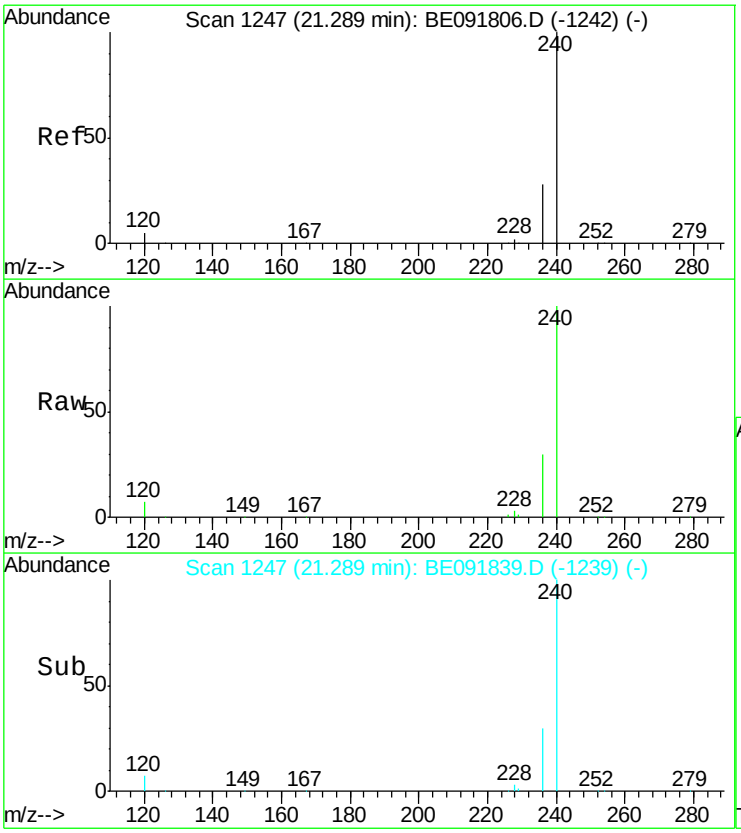

#25
Fluoranthene
Concen: 0.38 ng
RT: 19.19 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

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

Tgt Ion:202 Resp: 24645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.9 | 11.0 | 16.6# |
| 203 | 17.7 | 13.9 | 20.9 |

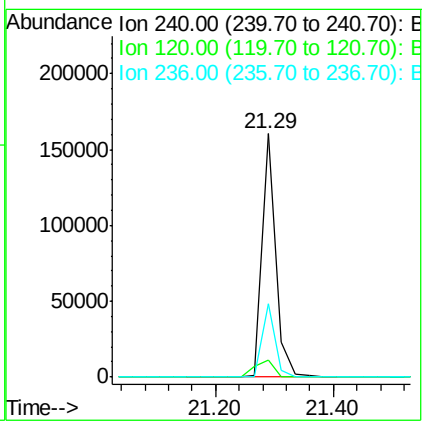


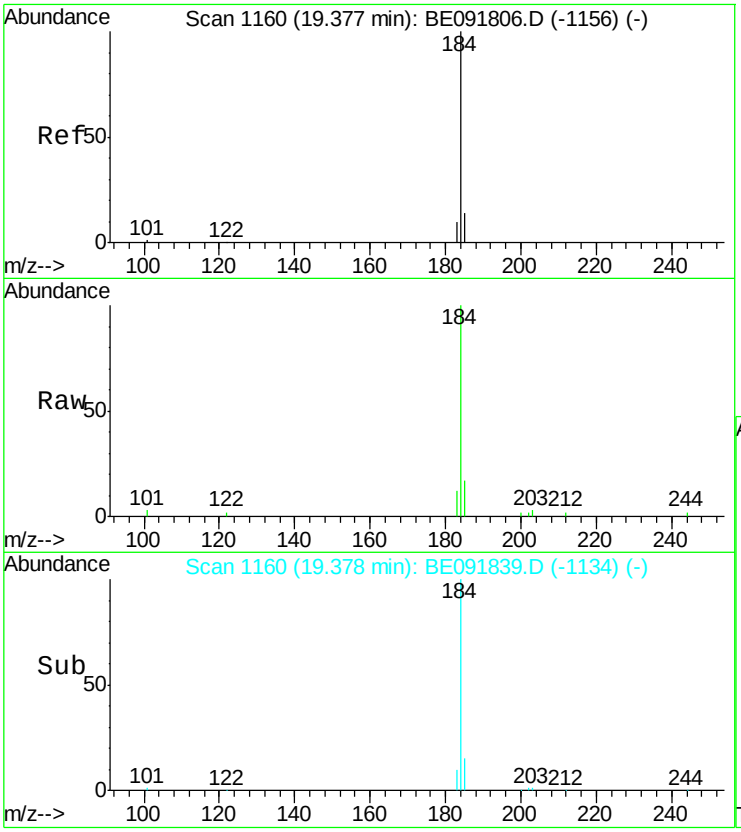




#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

Tgt Ion:240 Resp: 258764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.9 | 11.0 | 16.4# |
| 236 | 30.0 | 21.7 | 32.5 |



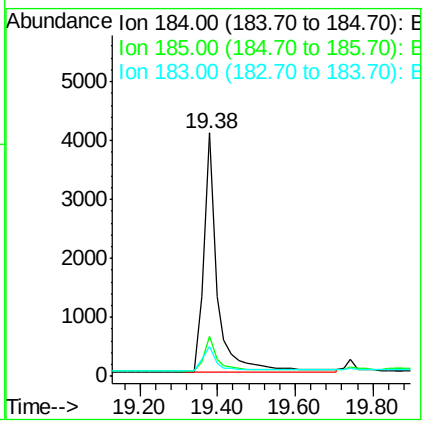


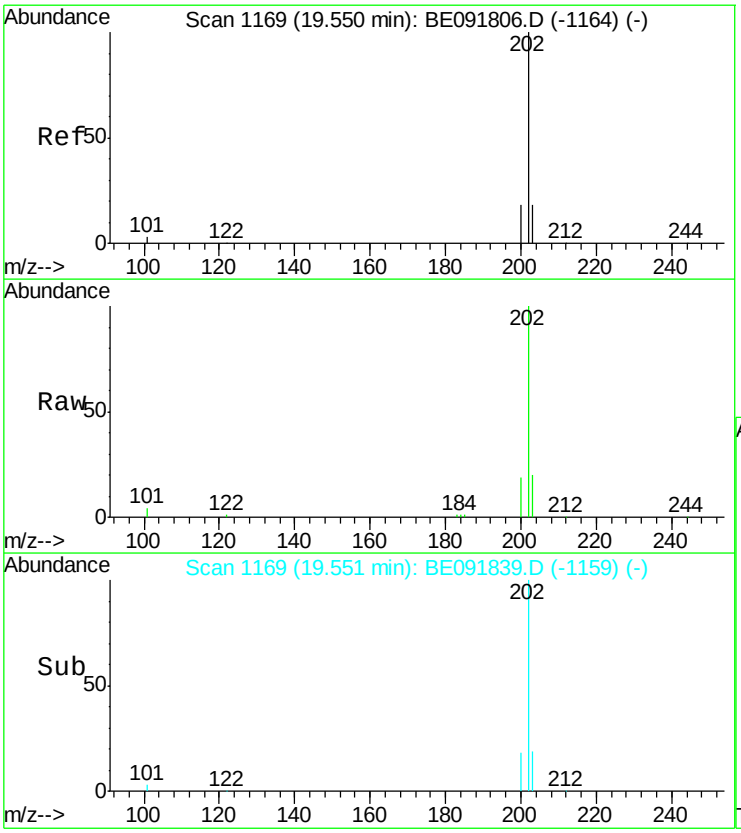

#27
Benzidine
Concen: 0.65 ng
RT: 19.38 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

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

Tgt Ion:184 Resp: 9924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 16.7 | 22.3 | 33.5# |
| 183 | 12.1 | 16.4 | 24.6# |

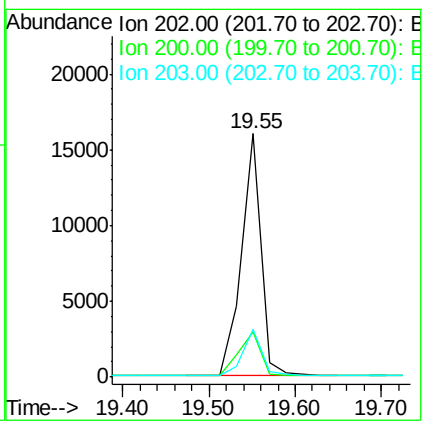


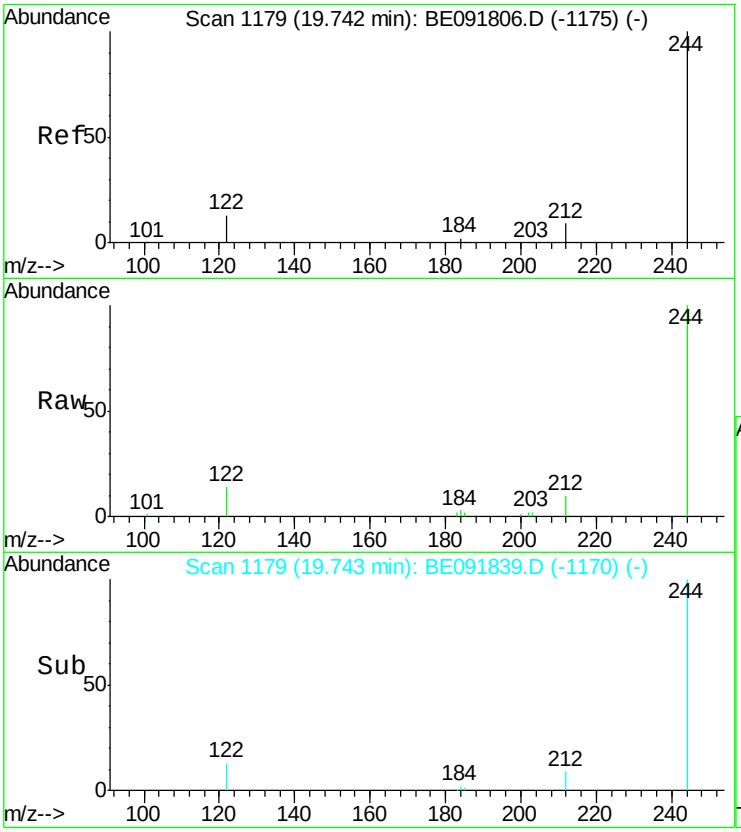




#28
Pyrene
Concen: 0.44 ng
RT: 19.55 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

Tgt Ion:202 Resp: 25175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.7 | 16.8 | 25.2 |
| 203 | 18.2 | 14.0 | 21.0 |



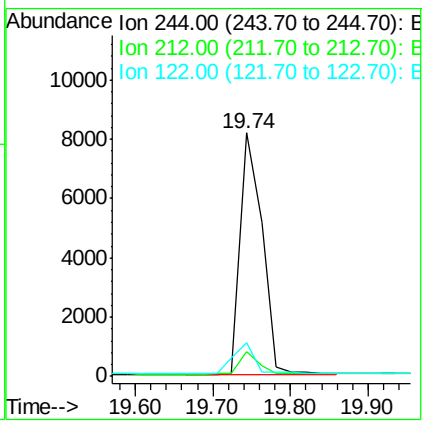


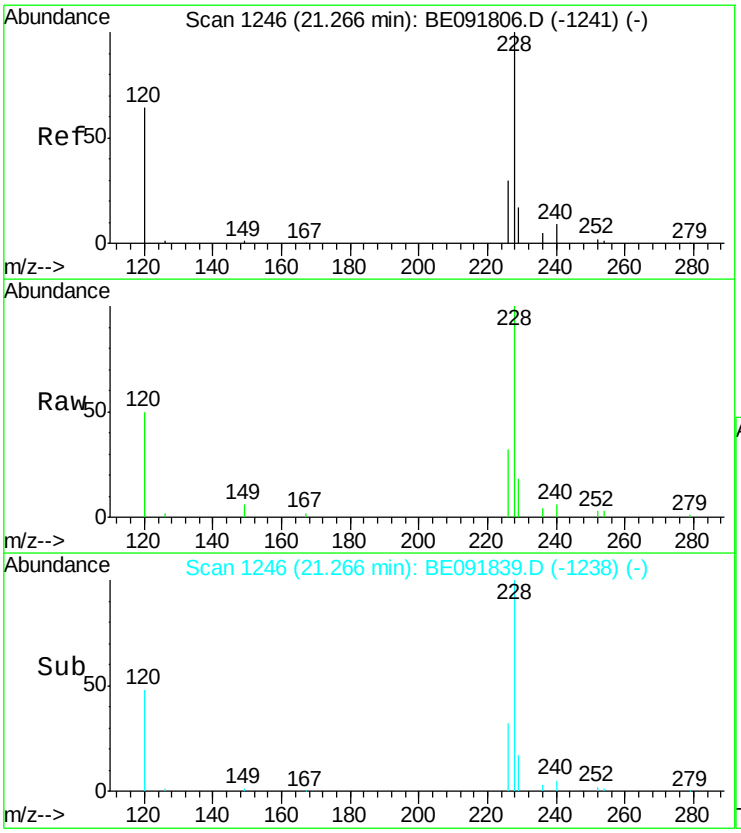

#29
Terphenyl-d14
Concen: 0.44 ng
RT: 19.74 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

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

Tgt Ion:244 Resp: 15957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 10.3 | 6.9 | 10.3 |
| 122 | 14.0 | 11.0 | 16.4 |

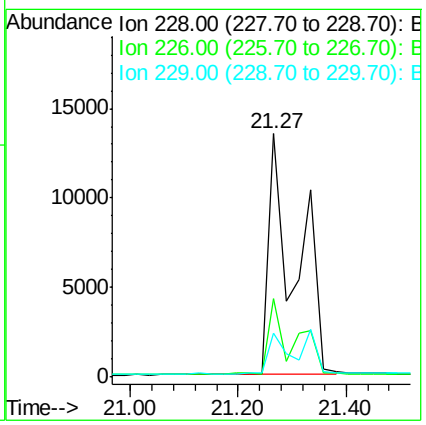


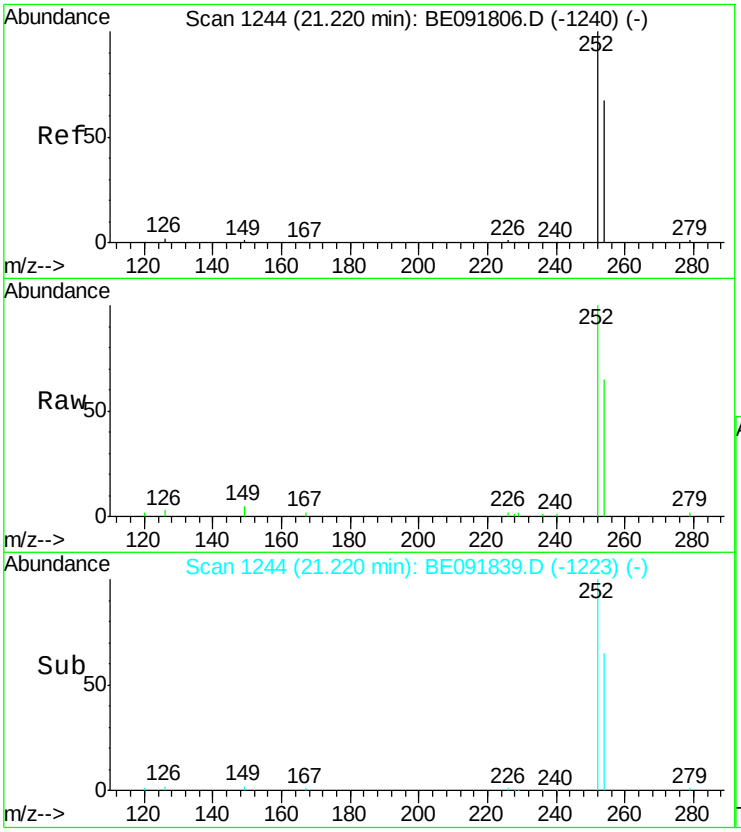




#30
Benzo(a)anthracene
Concen: 0.75 ng
RT: 21.27 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

Tgt Ion:228 Resp: 46741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 32.4 | 21.0 | 31.4# |
| 229 | 17.9 | 15.7 | 23.5 |



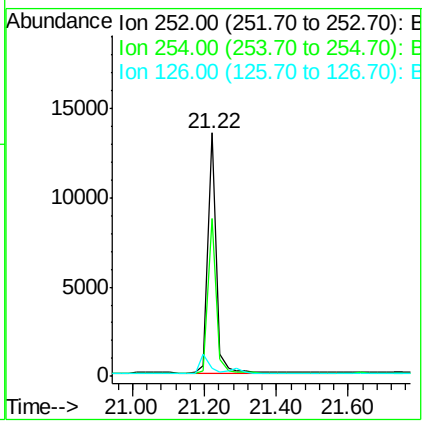


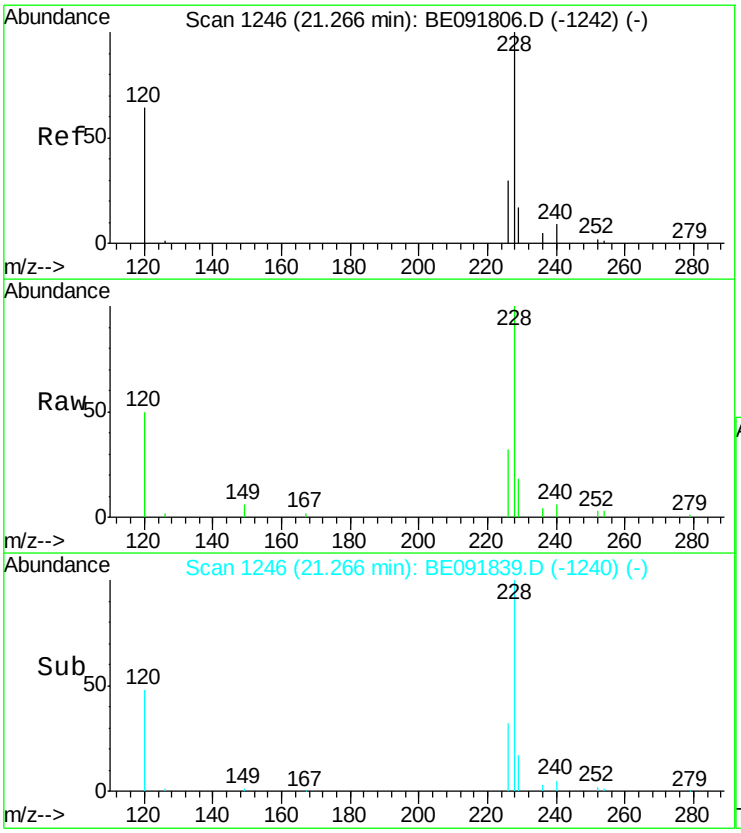

#31
3,3'-Dichlorobenzidine
Concen: 0.56 ng
RT: 21.22 min Scan# 1244
Delta R.T. -0.02 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

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

Tgt Ion:252 Resp: 22124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.8 | 51.1 | 76.7 |
| 126 | 3.2 | 12.6 | 18.8# |

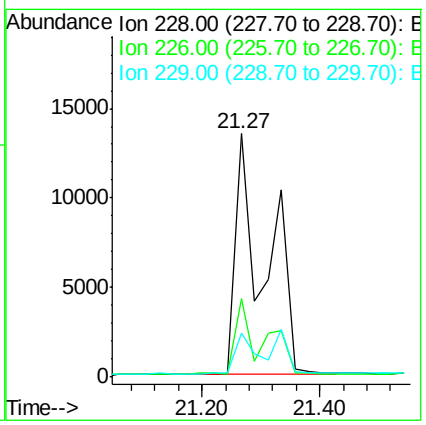


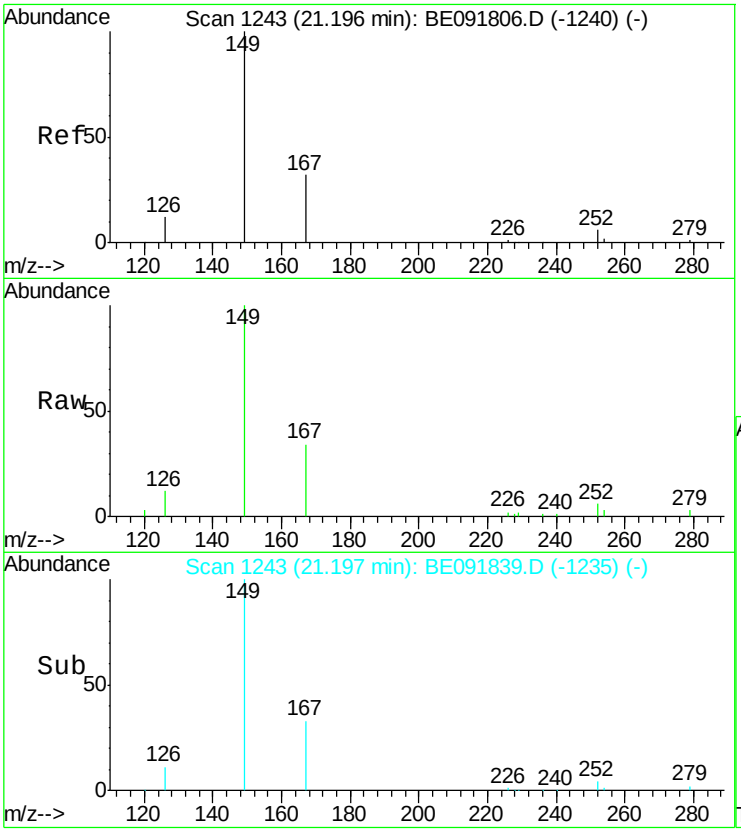




#32
Chrysene
Concen: 0.91 ng
RT: 21.27 min Scan# 1246
Delta R.T. -0.07 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

Tgt Ion:228 Resp: 46884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 32.4 | 24.0 | 36.0 |
| 229 | 17.9 | 15.9 | 23.9 |



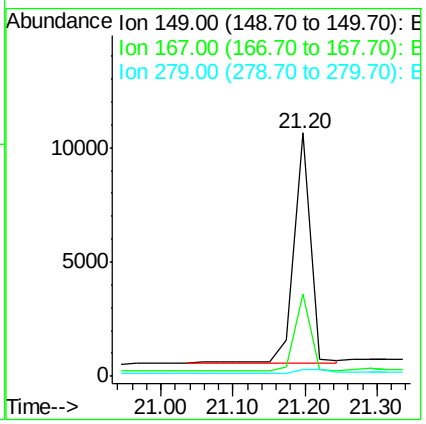


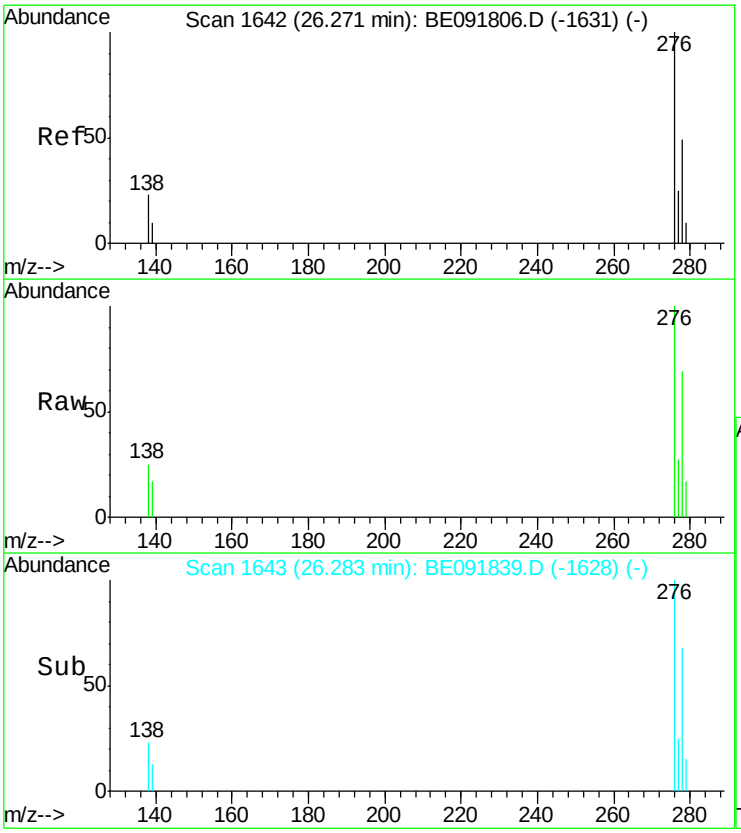

#33
Bis(2-ethylhexyl)phthalate
Concen: 0.67 ng
RT: 21.20 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

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

Tgt Ion:149 Resp: 15869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 31.1 | 19.5 | 29.3# |
| 279 | 3.2 | 10.0 | 15.0# |

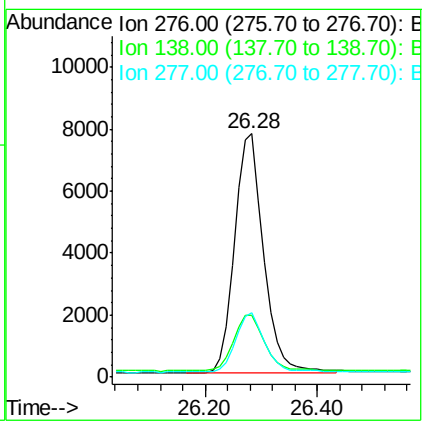


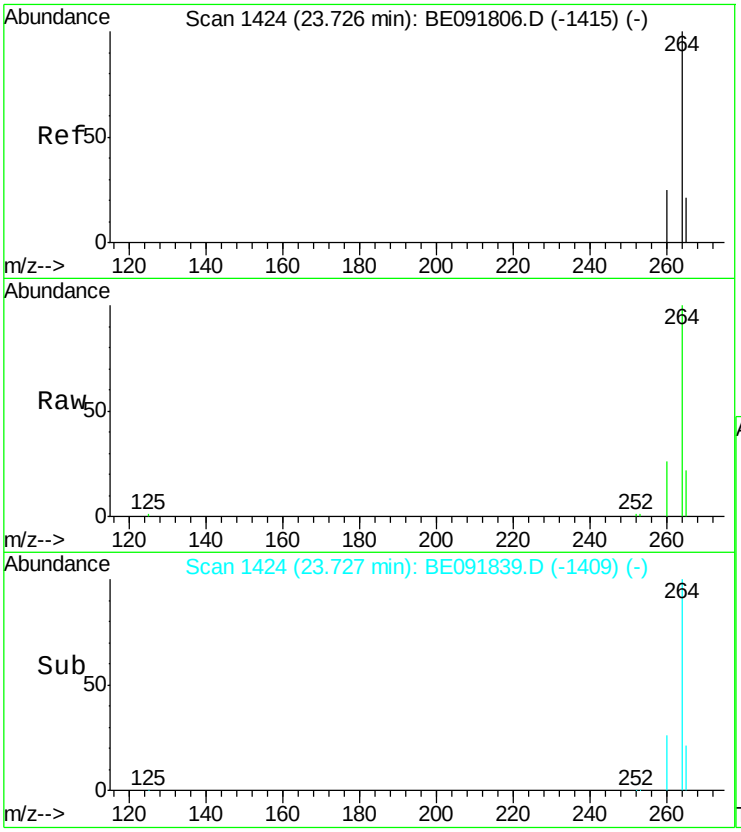




#34
Indeno(1,2,3-cd)pyrene
Concen: 0.44 ng
RT: 26.28 min Scan# 1643
Delta R.T. -0.02 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

Tgt Ion:276 Resp: 28150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 24.9 | 23.4 | 35.2 |
| 277 | 25.1 | 19.8 | 29.8 |



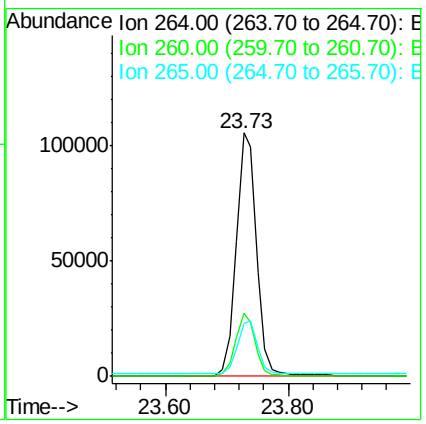


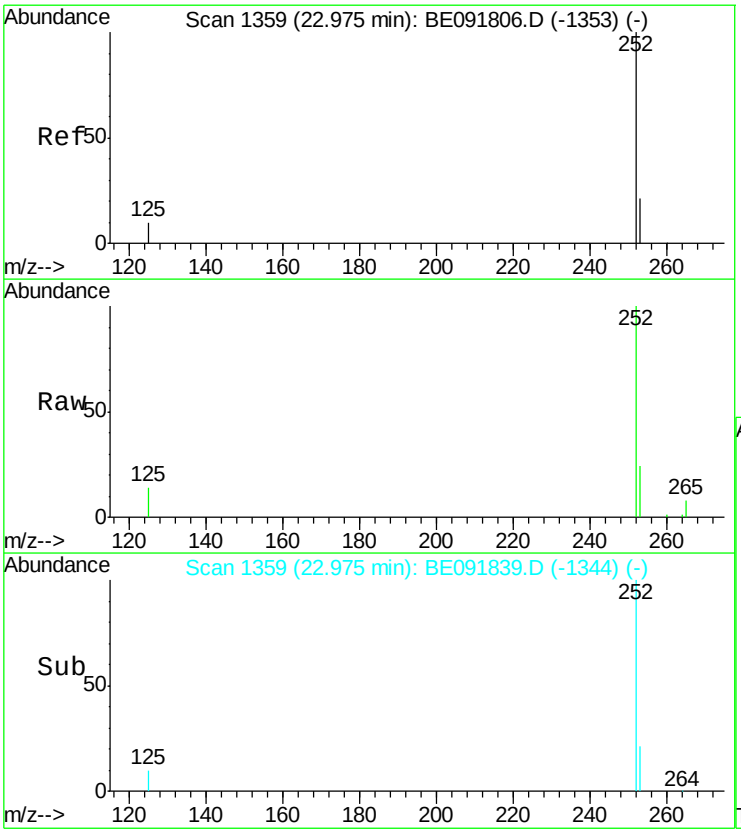

#35
Perylene-d12
Concen: 5.00 ng
RT: 23.73 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

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

Tgt Ion:264 Resp: 242505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.9 | 20.0 | 30.0 |
| 265 | 21.7 | 17.5 | 26.3 |

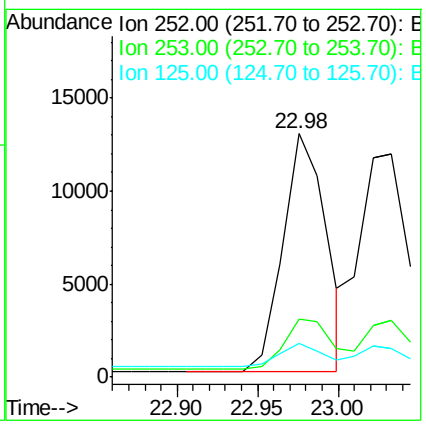


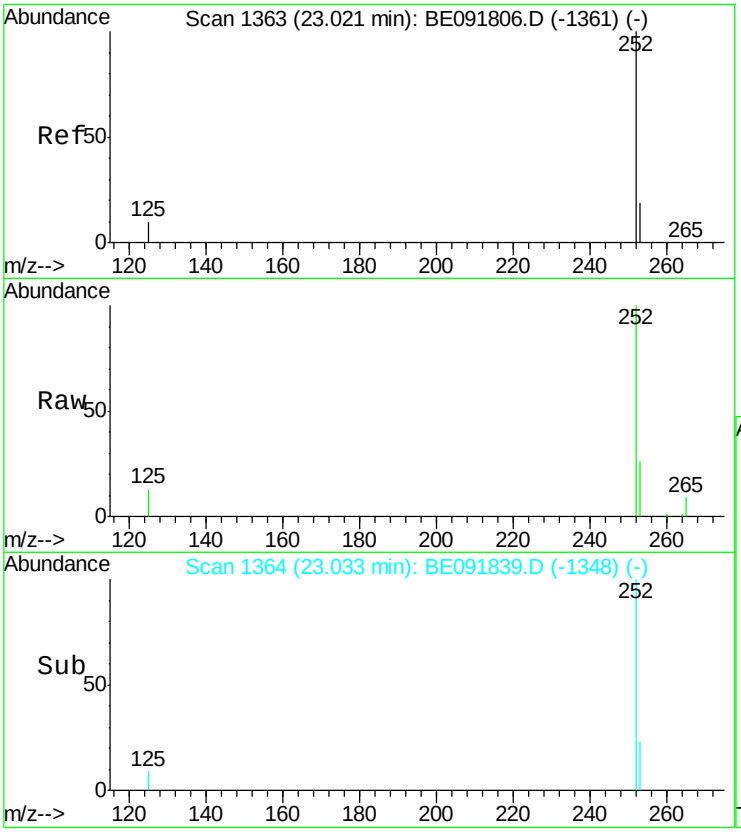




#36
Benzo(b)fluoranthene
Concen: 0.40 ng
RT: 22.98 min Scan# 1359
Delta R.T. -0.02 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

Tgt Ion:252 Resp: 24087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.8 | 17.4 | 26.0 |
| 125 | 14.1 | 10.2 | 15.2 |



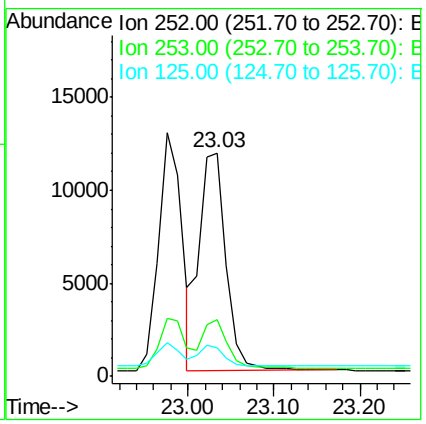


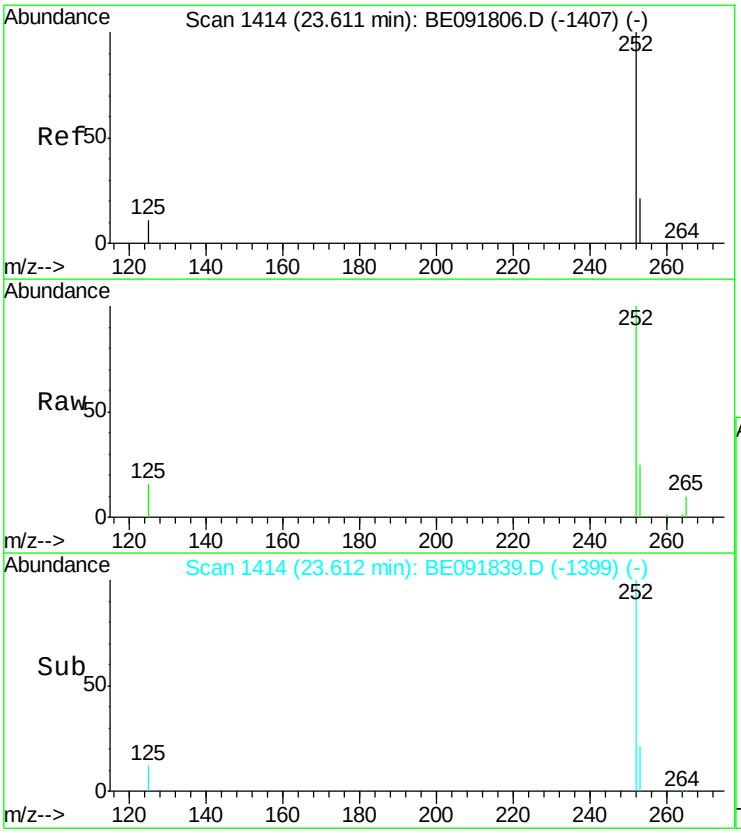

#37
Benzo(k)fluoranthene
Concen: 0.41 ng
RT: 23.03 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

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

Tgt Ion:252 Resp: 25320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.7 | 17.6 | 26.4 |
| 125 | 13.0 | 9.9 | 14.9 |

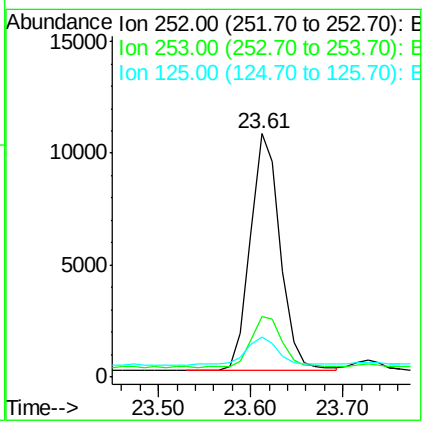


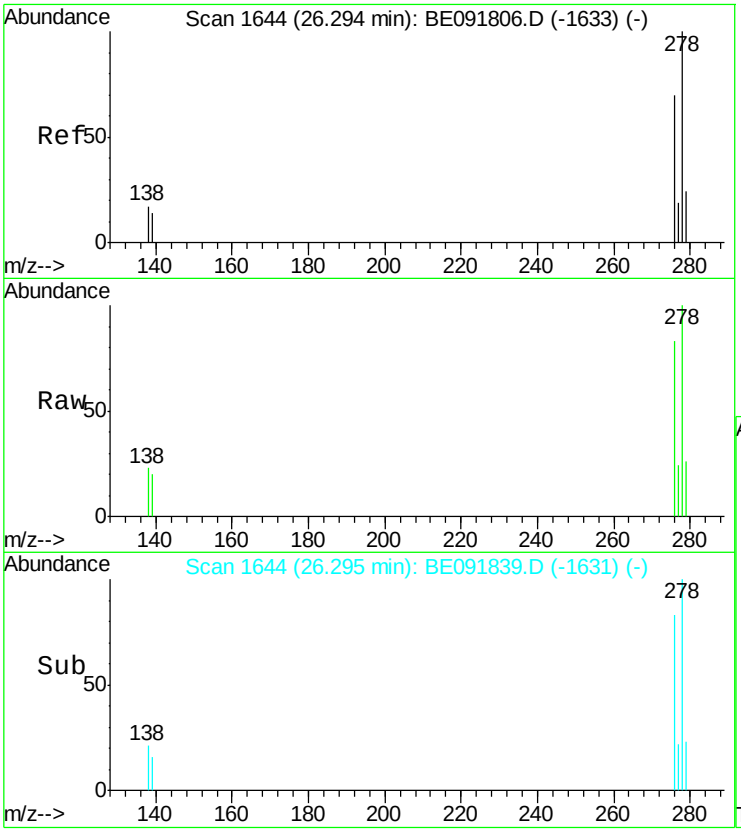




#38
Benzo(a)pyrene
Concen: 0.41 ng
RT: 23.61 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

Tgt Ion:252 Resp: 23873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.6 | 18.1 | 27.1 |
| 125 | 16.5 | 11.0 | 16.4# |



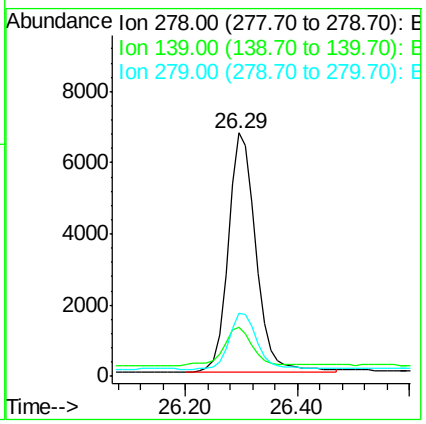


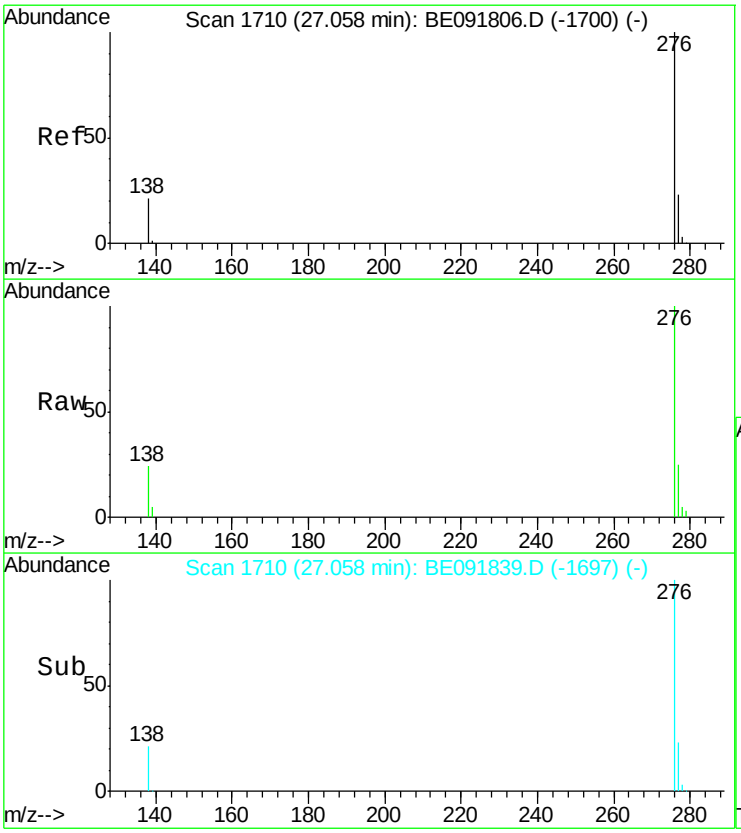

#39
Dibenzo(a,h)anthracene
Concen: 0.41 ng
RT: 26.29 min Scan# 1644
Delta R.T. -0.05 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

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

Tgt Ion:278 Resp: 23185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 20.3 | 16.0 | 24.0 |
| 279 | 25.8 | 19.4 | 29.2 |




#40
Benzo(g,h,i)perylene
Concen: 0.40 ng
RT: 27.06 min Scan# 1710
Delta R.T. -0.05 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

Tgt Ion:276 Resp: 23529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 25.0 | 18.6 | 28.0 |
| 138 | 23.7 | 20.4 | 30.6 |