Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
Data File : BE089991.D
Acq On : 29 Jun 2015 20:20
Operator : TP/IZ
Sample : PB84249BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** PB84249BS

Quant Time: Jun 30 07:02:55 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 07:01:01 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.62 | 152 | 19024 | 5.00 | ng | 0.00 |
| 6) Naphthalene-d8 | 10.38 | 136 | 81371 | 5.00 | ng | 0.00 |
| 12) Acenaphthene-d10 | 14.23 | 164 | 47732 | 5.00 | ng | 0.00 |
| 18) Phenanthrene-d10 | 16.98 | 188 | 114602 | 5.00 | ng | 0.00 |
| 25) Chrysene-d12 | 21.13 | 240 | 147250 | 5.00 | ng | 0.00 |
| 32) Perylene-d12 | 23.46 | 264 | 136711 | 5.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.25 | 112 | 28750 | 6.58 | ng | 0.00 |
| 5) Phenol-d6 | 6.80 | 99 | 41129 | 6.72 | ng | 0.00 |
| 7) Nitrobenzene-d5 | 8.76 | 82 | 27035 | 4.18 | ng | 0.00 |
| 13) 2,4,6-Tribromophenol | 15.73 | 330 | 10386 | 7.43 | ng | 0.00 |
| 14) 2-Fluorobiphenyl | 12.86 | 172 | 60937 | 4.25 | ng | 0.00 |
| 27) Terphenyl-d14 | 19.59 | 244 | 102560 | 4.18 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.24 | 88 | 9729 | 3.73 | ng | 99 |
| 3) n-Nitrosodimethylamine | 3.53 | 42 | 13344 | 3.77 | ng | 98 |
| 8) Nitrobenzene | 8.80 | 77 | 27982 | 4.08 | ng | 99 |
| 9) Naphthalene | 10.43 | 128 | 73022 | 3.97 | ng | 100 |
| 10) Hexachlorobutadiene | 10.72 | 225 | 11690 | 4.04 | ng | 100 |
| 11) 2-Methylnaphthalene | 12.04 | 142 | 49929 | 4.06 | ng | 99 |
| 15) Acenaphthylene | 13.94 | 152 | 341246 | 3.96 | ng | 100 |
| 16) Acenaphthene | 14.30 | 154 | 50071 | 4.04 | ng | 97 |
| 17) Fluorene | 15.28 | 166 | 68486 | 4.06 | ng | 100 |
| 19) 4-Bromophenyl-phenylether | 16.18 | 248 | 20147 | 4.14 | ng | 97 |
| 20) Hexachlorobenzene | 16.28 | 284 | 84314 | 4.16 | ng | 100 |
| 21) Pentachlorophenol | 16.63 | 266 | 17289 | 6.70 | ng | 98 |
| 22) Phenanthrene | 17.01 | 178 | 121670 | 4.14 | ng | 100 |
| 23) Anthracene | 17.10 | 178 | 120622 | 4.49 | ng | 99 |
| 24) Fluoranthene | 19.02 | 202 | 141573 | 4.32 | ng | 100 |
| 26) Pyrene | 19.38 | 202 | 150307 | 4.28 | ng | 99 |
| 28) Benzo(a)anthracene | 21.11 | 228 | 153800 | 4.18 | ng | 99 |
| 29) Chrysene | 21.16 | 228 | 156754 | 4.11 | ng | 96 |
| 30) Bis(2-ethylhexyl)phthalate | 21.07 | 149 | 45519 | 2.83 | ng | 100 |
| 31) Indeno(1,2,3-cd)pyrene | 25.86 | 276 | 152817 | 4.17 | ng | 99 |
| 33) Benzo(b)fluoranthene | 22.75 | 252 | 136918 | 4.54 | ng | 100 |
| 34) Benzo(k)fluoranthene | 22.79 | 252 | 149658 | 4.44 | ng | 99 |
| 35) Benzo(a)pyrene | 23.35 | 252 | 130373 | 4.68 | ng | 99 |
| 36) Dibenzo(a,h)anthracene | 25.89 | 278 | 125993 | 4.41 | ng | 99 |
| 37) Benzo(g,h,i)perylene | 26.60 | 276 | 127270 | 4.39 | ng | 99 |

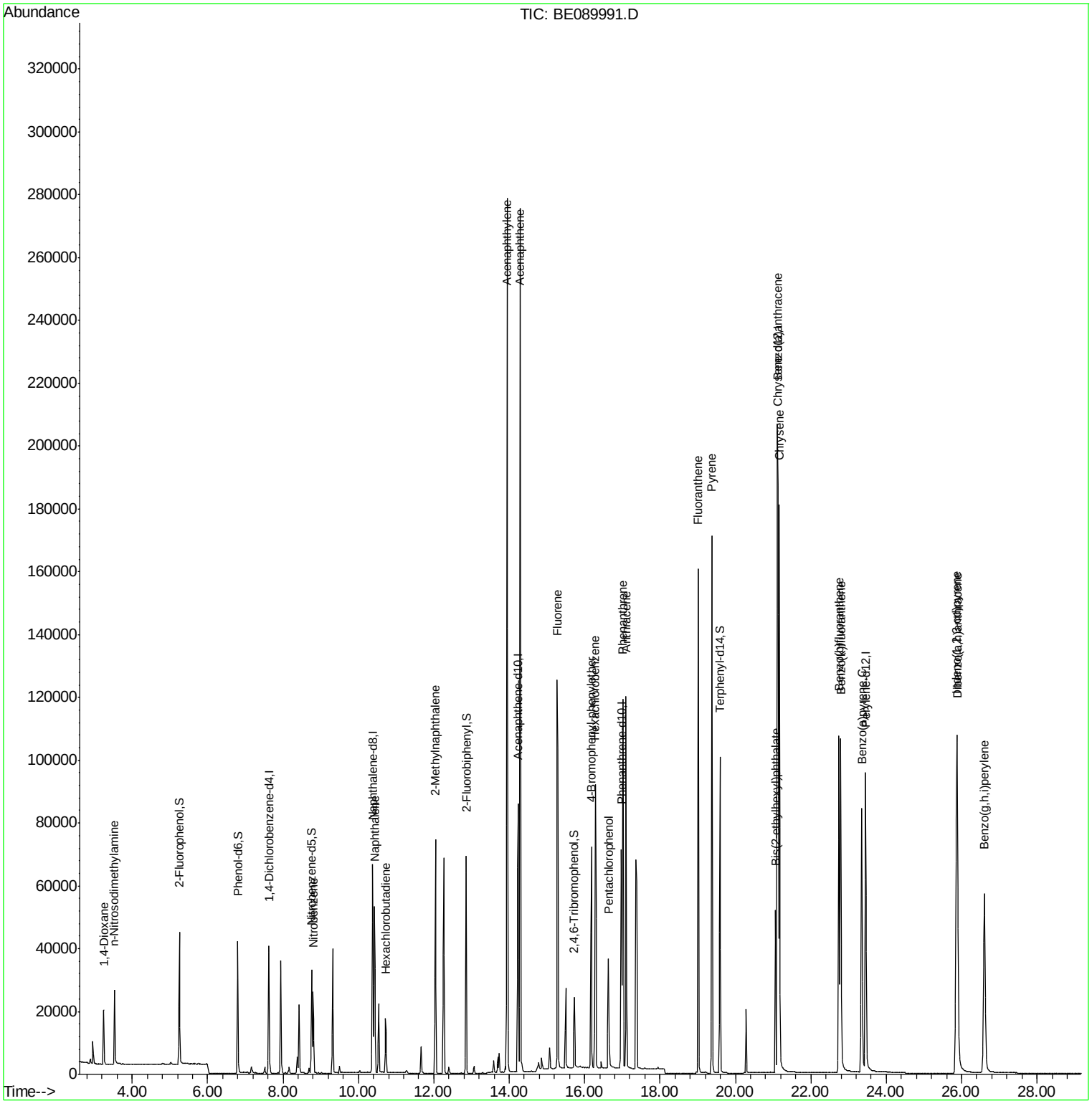
(#) = qualifier out of range (m) = manual integration (+) = signals summed

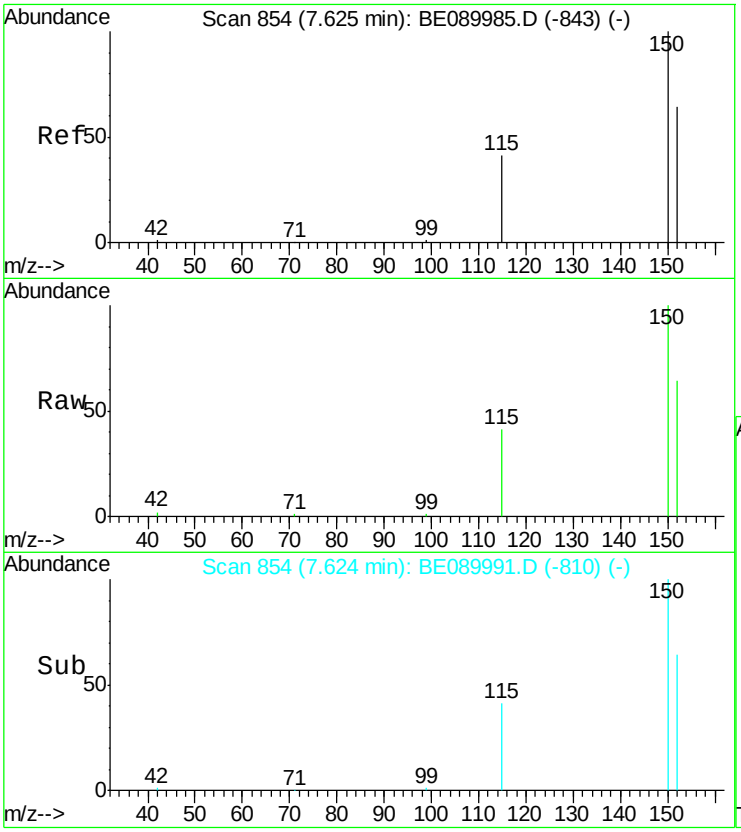
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
Data File : BE089991.D
Acq On : 29 Jun 2015 20:20
Operator : TP/IZ
Sample : PB84249BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
PB84249BS

Quant Time: Jun 30 07:02:55 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 07:01:01 2015
Response via : Initial Calibration



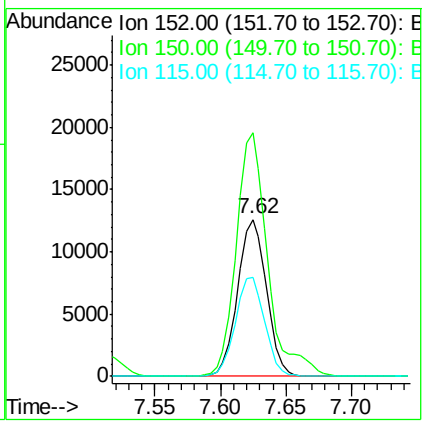


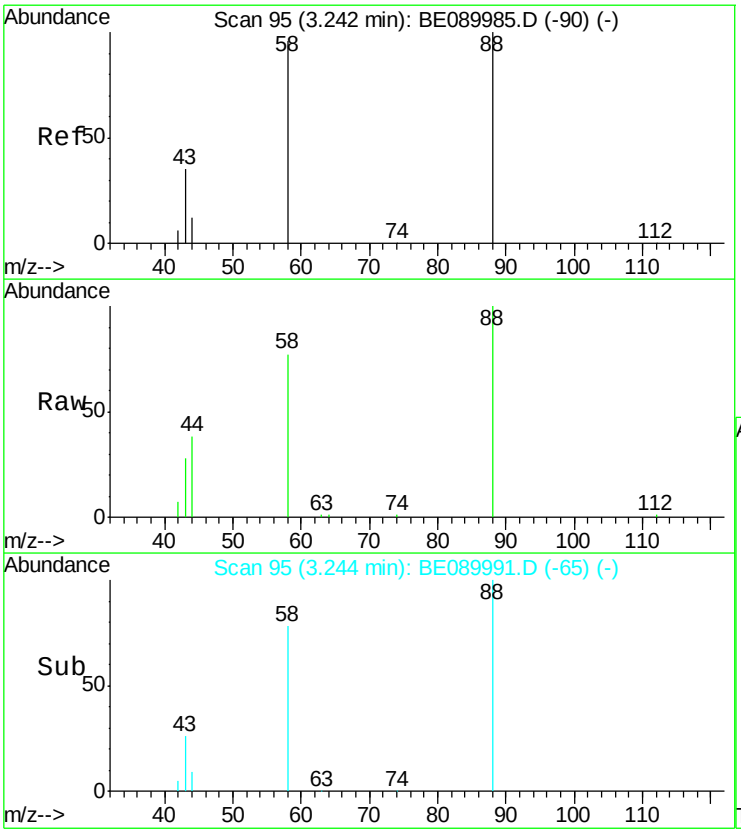

#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.62 min Scan# 854
Delta R.T. -0.00 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

**Instrument :**
BNA_E
**ClientSampleId :**
PB84249BS

Tgt Ion:152 Resp: 19024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.2 | 123.9 | 185.9 |
| 115 | 63.4 | 50.6 | 76.0 |

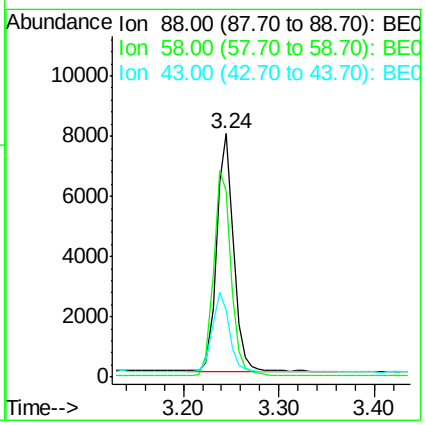


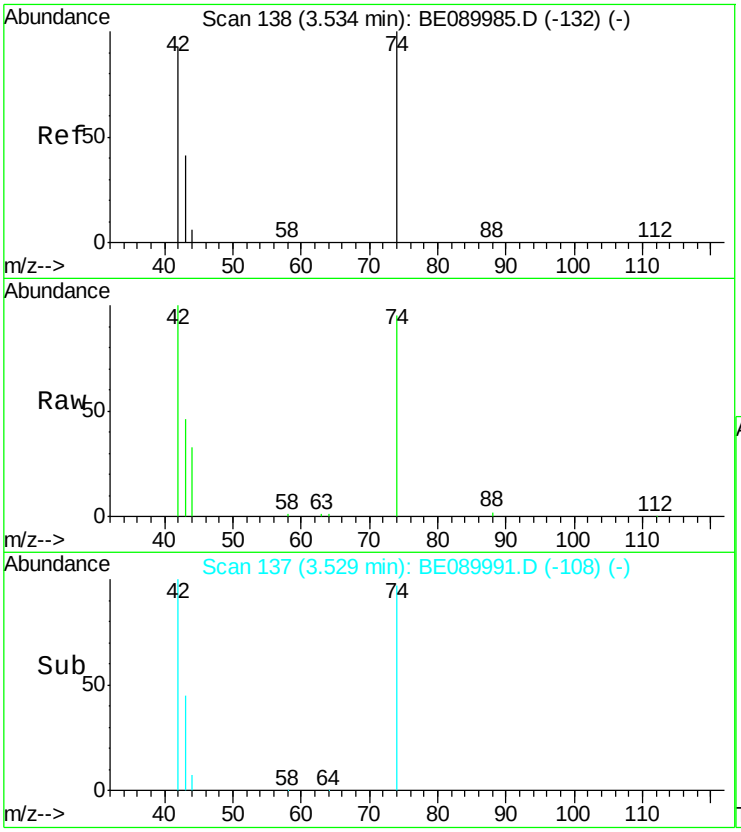




#2
1,4-Dioxane
Concen: 3.73 ng
RT: 3.24 min Scan# 95
Delta R.T. 0.00 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

Tgt Ion: 88 Resp: 9729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 87.7 | 70.9 | 106.3 |
| 43 | 33.7 | 27.6 | 41.4 |



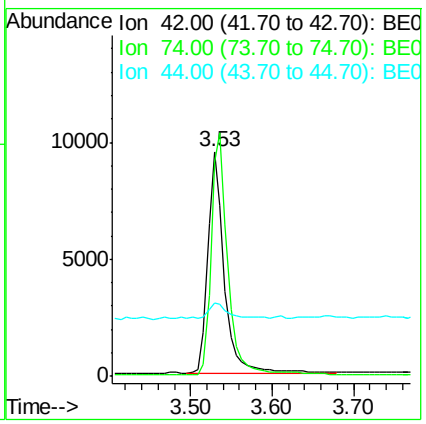


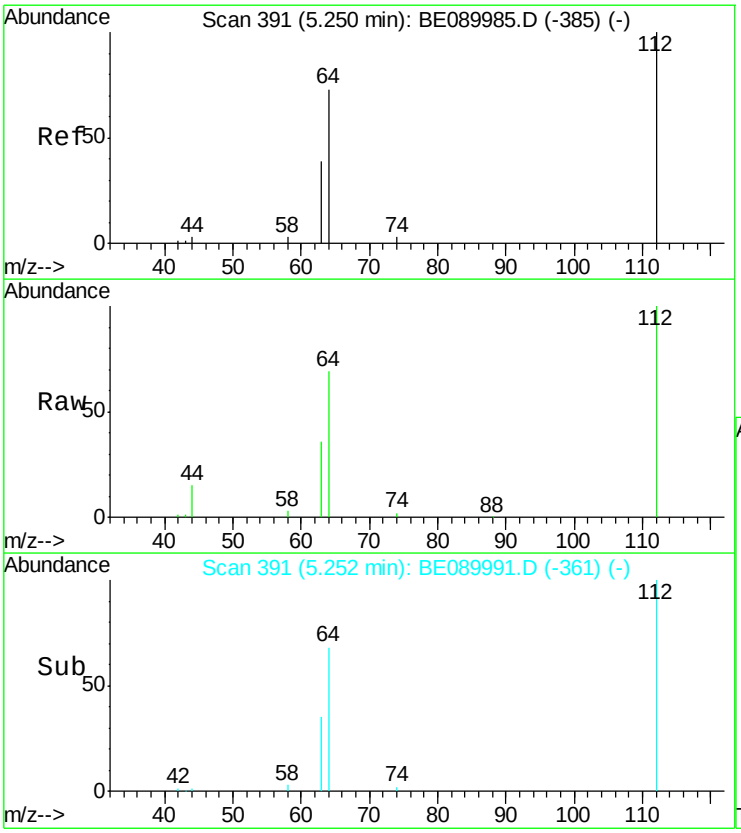

#3
n-Nitrosodimethylamine
Concen: 3.77 ng
RT: 3.53 min Scan# 137
Delta R.T. -0.00 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

**Instrument :**
BNA_E
**ClientSampleId :**
PB84249BS

Tgt Ion: 42 Resp: 13344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 109.2 | 89.4 | 134.2 |
| 44 | 8.9 | 6.9 | 10.3 |

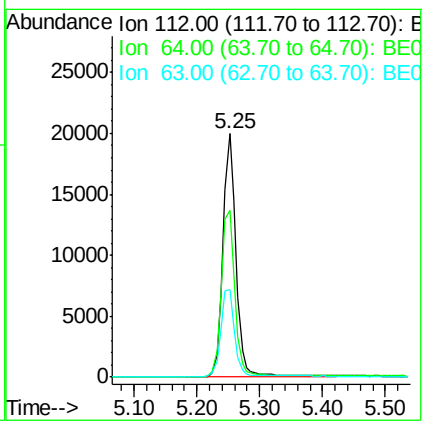


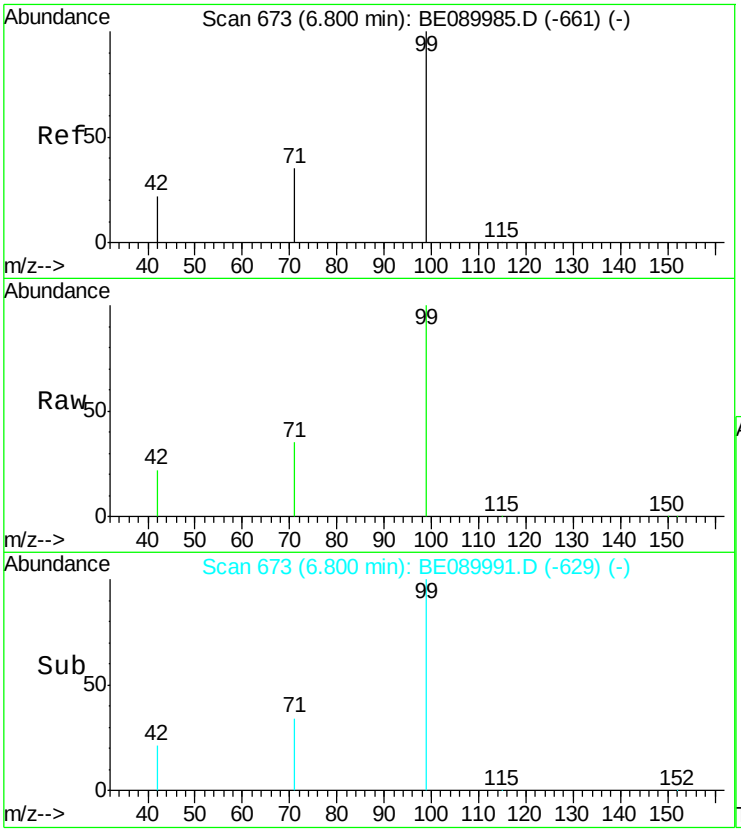




#4
2-Fluorophenol
Concen: 6.58 ng
RT: 5.25 min Scan# 391
Delta R.T. 0.00 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

Tgt Ion:112 Resp: 28750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 71.9 | 56.3 | 84.5 |
| 63 | 37.8 | 29.8 | 44.6 |



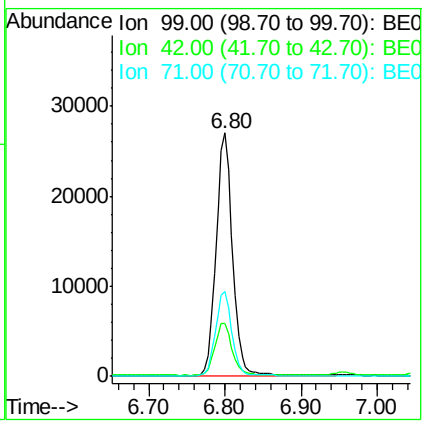


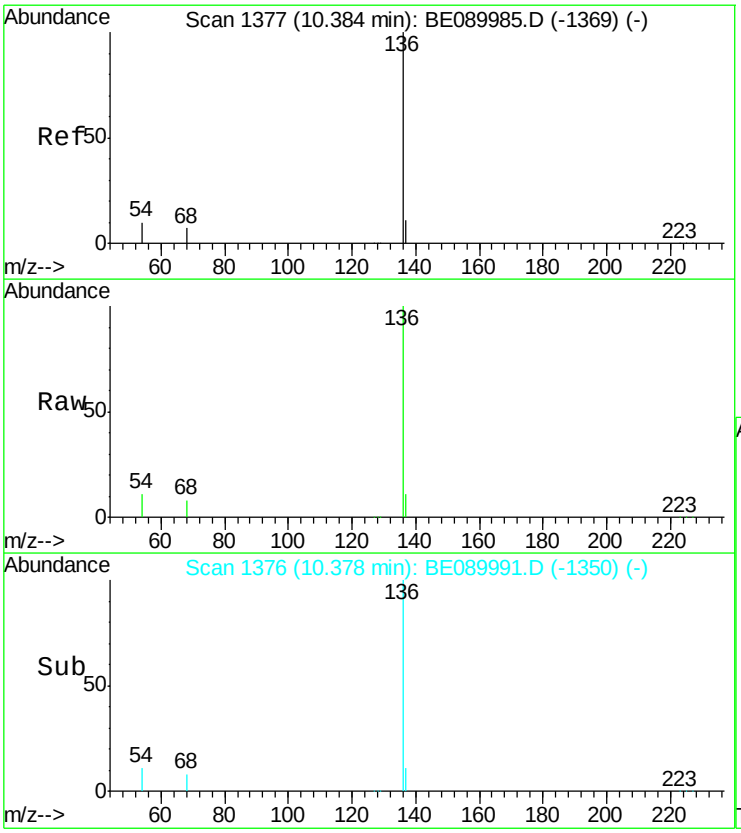

#5
Phenol-d6
Concen: 6.72 ng
RT: 6.80 min Scan# 673
Delta R.T. -0.00 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

**Instrument :**
BNA_E
**ClientSampleId :**
PB84249BS

Tgt Ion: 99 Resp: 41129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.0 | 18.7 | 28.1 |
| 71 | 34.8 | 27.5 | 41.3 |

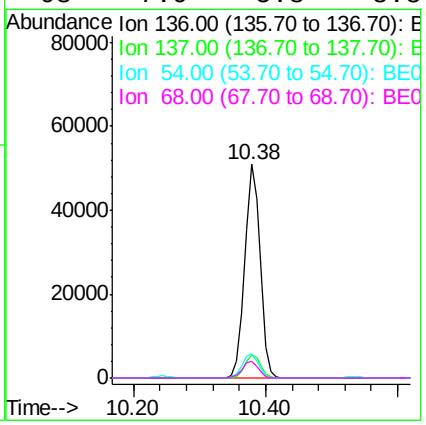


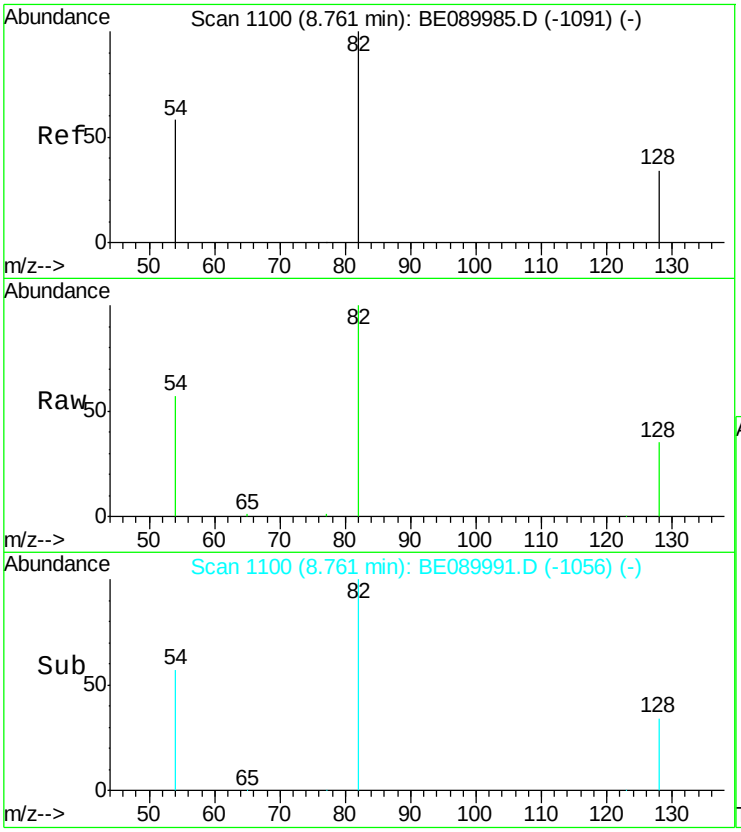




#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.38 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

Tgt Ion:136 Resp: 81371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.9 | 13.3 |
| 54 | 11.5 | 8.2 | 12.4 |
| 68 | 7.9 | 5.8 | 8.8 |



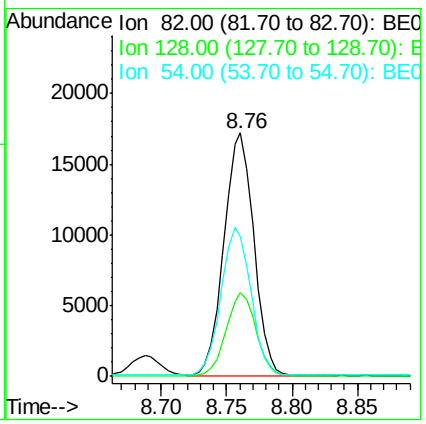


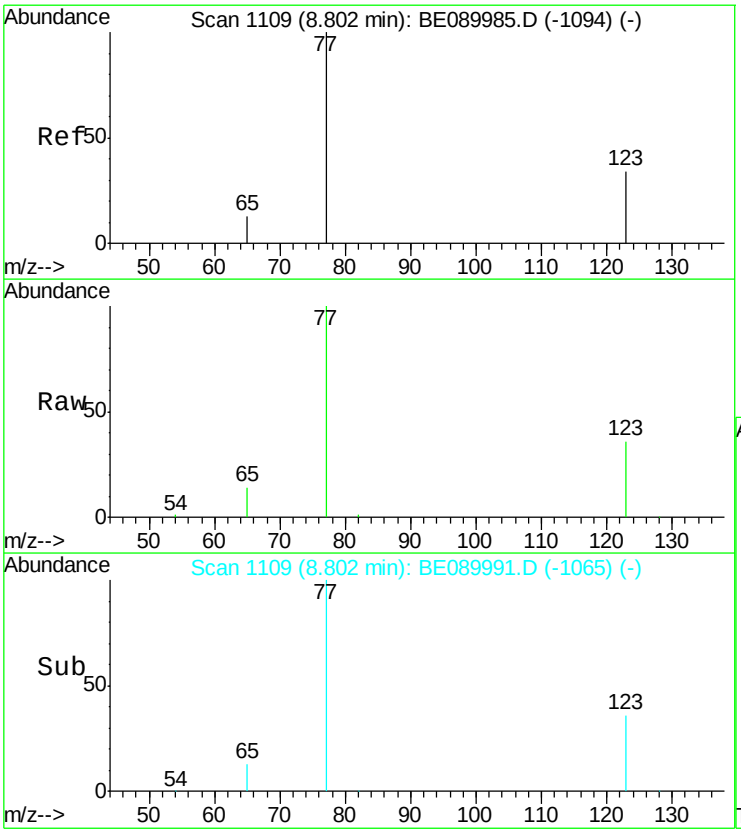

#7
Nitrobenzene-d5
Concen: 4.18 ng
RT: 8.76 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

**Instrument :**
BNA_E
**ClientSampleId :**
PB84249BS

Tgt Ion: 82 Resp: 27035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 34.6 | 28.0 | 42.0 |
| 54 | 57.4 | 47.6 | 71.4 |

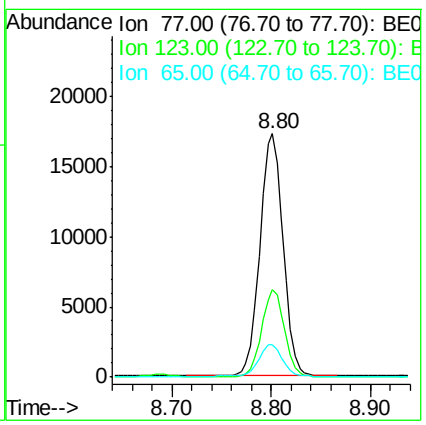


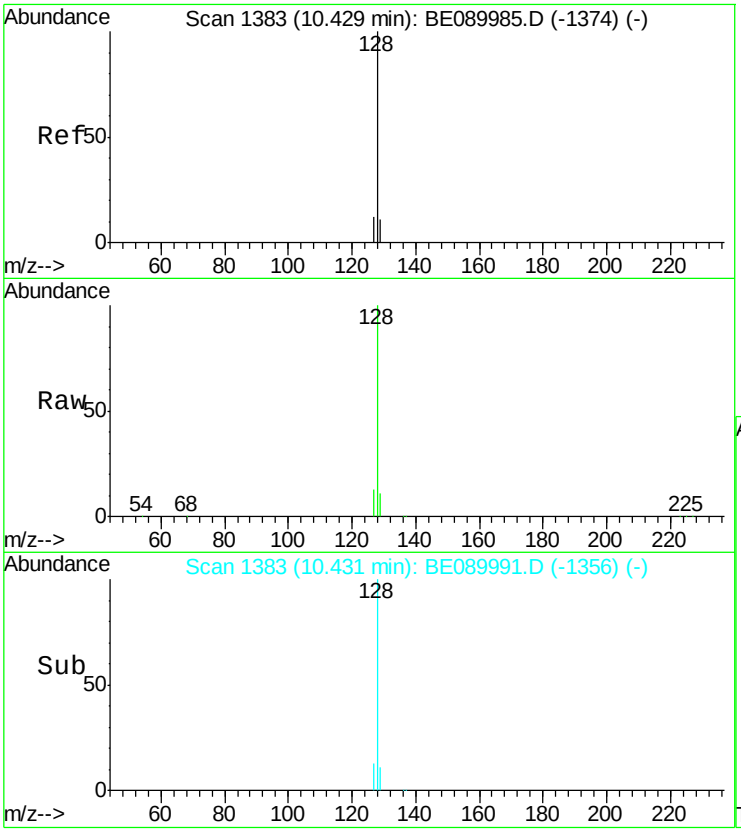




#8
Nitrobenzene
Concen: 4.08 ng
RT: 8.80 min Scan# 1109
Delta R.T. -0.00 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

Tgt Ion: 77 Resp: 27982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 35.0 | 27.4 | 41.0 |
| 65 | 13.1 | 10.6 | 15.8 |



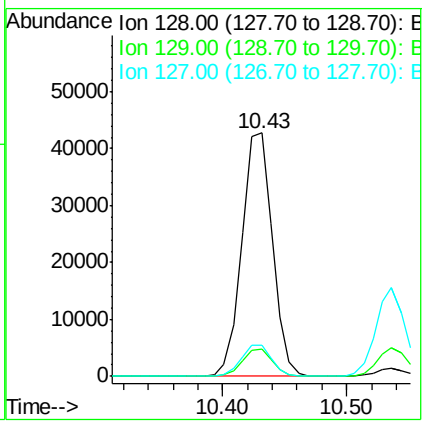


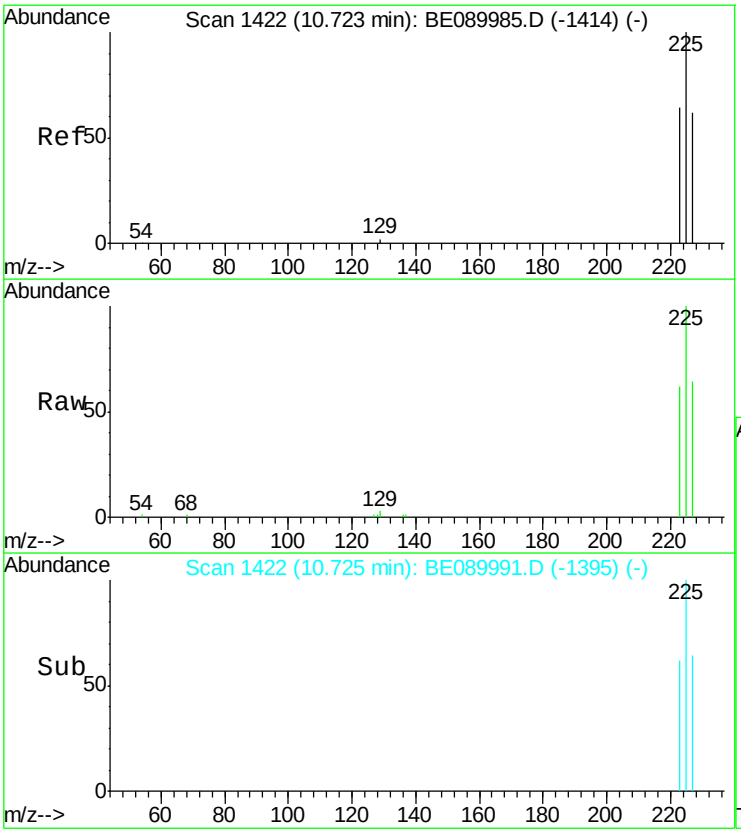

#9
Naphthalene
Concen: 3.97 ng
RT: 10.43 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

**Instrument :**
BNA_E
**ClientSampleId :**
PB84249BS

Tgt Ion:128 Resp: 73022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.3 | 9.3 | 13.9 |
| 127 | 12.8 | 10.2 | 15.4 |

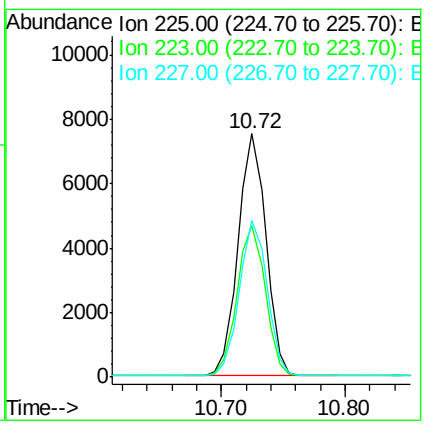


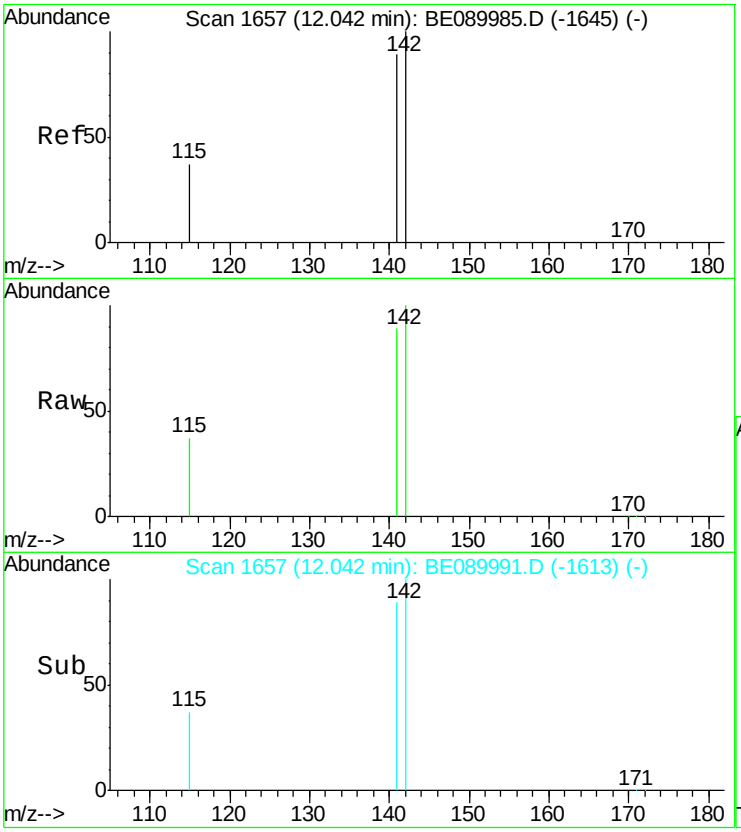




#10
Hexachlorobutadiene
Concen: 4.04 ng
RT: 10.72 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

Tgt Ion:225 Resp: 11690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.7 | 50.1 | 75.1 |
| 227 | 64.1 | 50.9 | 76.3 |



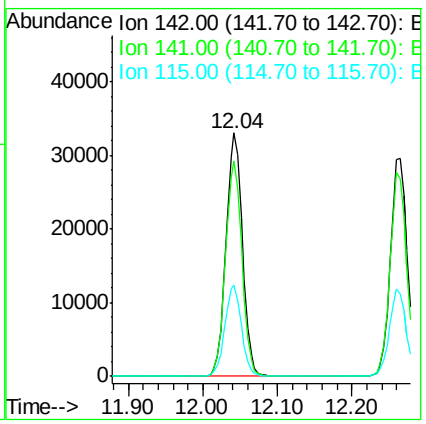


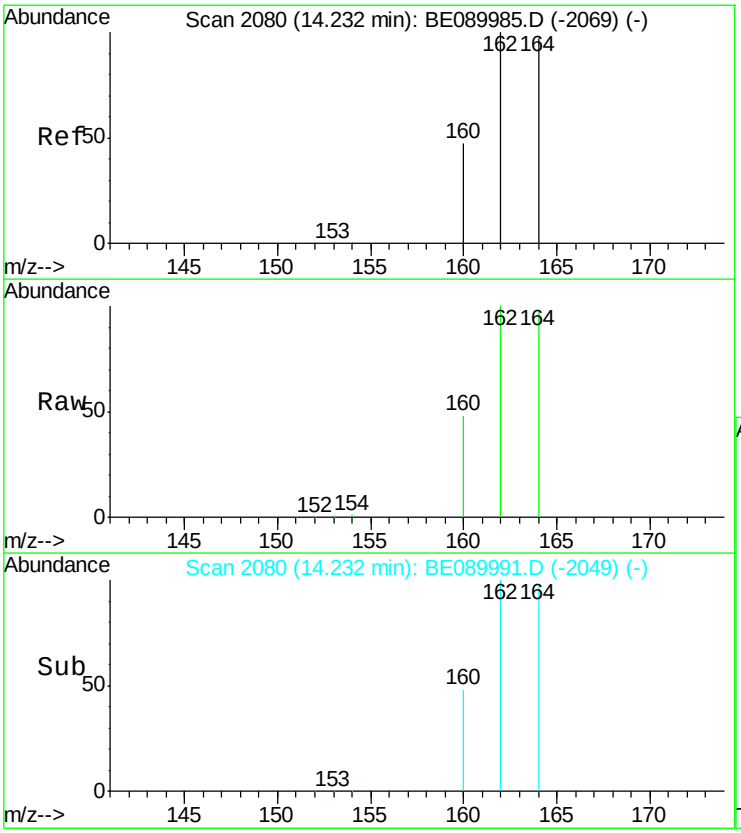

#11
2-Methylnaphthalene
Concen: 4.06 ng
RT: 12.04 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

**Instrument :**
BNA_E
**ClientSampleId :**
PB84249BS

Tgt Ion:142 Resp: 49929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.6 | 71.3 | 106.9 |
| 115 | 37.2 | 30.4 | 45.6 |

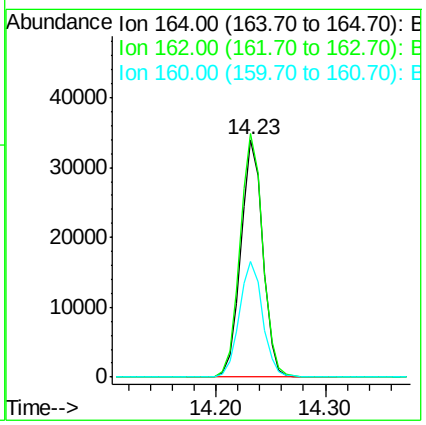


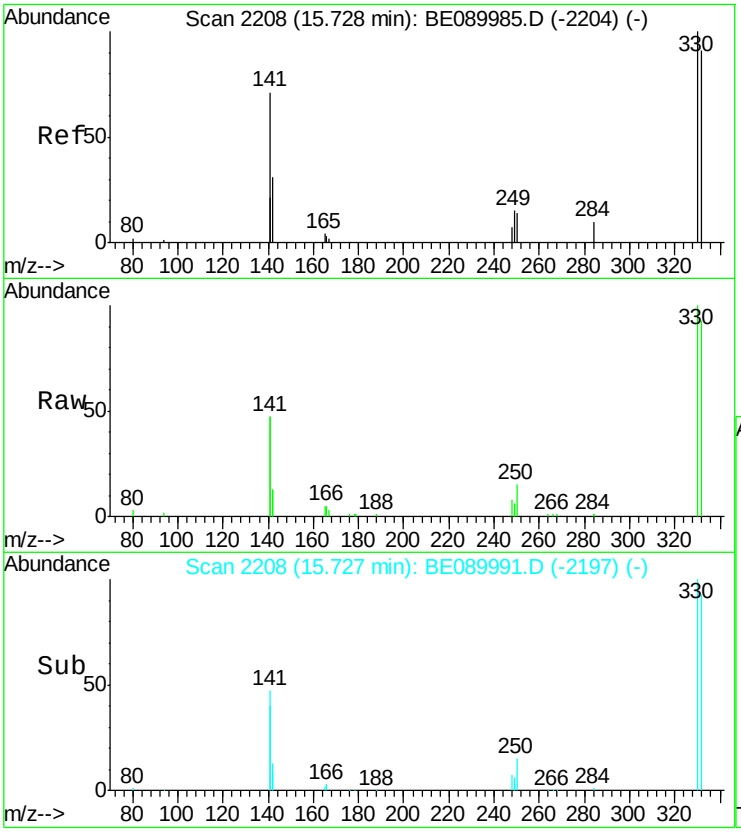




#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.23 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

Tgt Ion:164 Resp: 47732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.6 | 82.2 | 123.4 |
| 160 | 48.9 | 39.0 | 58.6 |



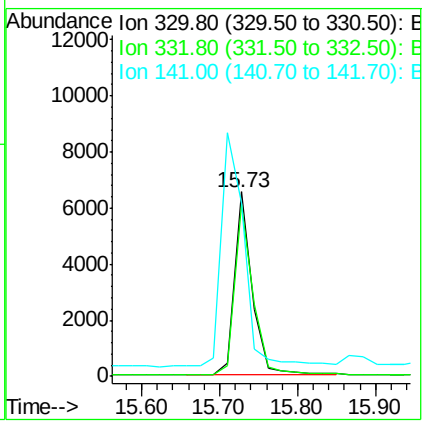


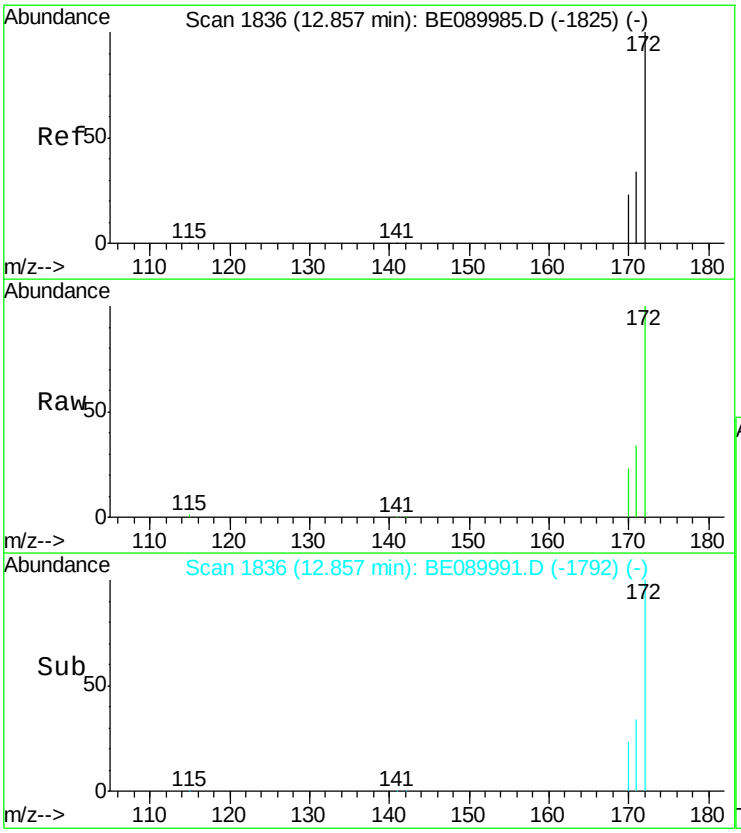

#13
2,4,6-Tribromophenol
Concen: 7.43 ng
RT: 15.73 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

**Instrument :**
BNA_E
**ClientSampleId :**
PB84249BS

Tgt Ion:330 Resp: 10386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.9 | 76.4 | 114.6 |
| 141 | 160.4 | 130.3 | 195.5 |

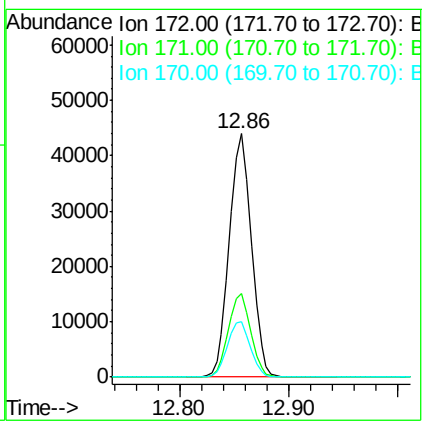


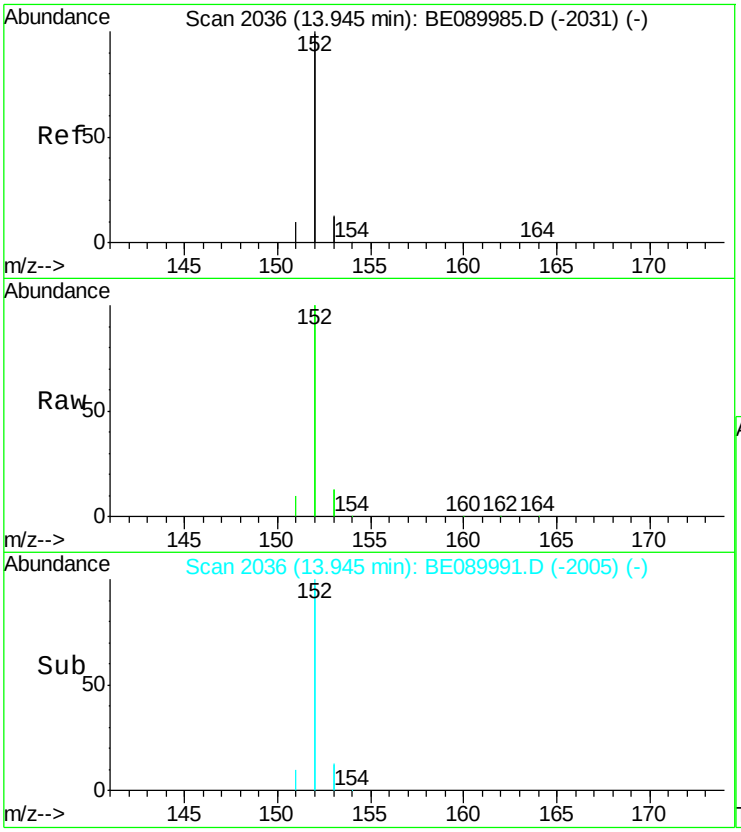




#14
2-Fluorobiphenyl
Concen: 4.25 ng
RT: 12.86 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

Tgt Ion:172 Resp: 60937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.2 | 27.8 | 41.6 |
| 170 | 22.8 | 18.3 | 27.5 |



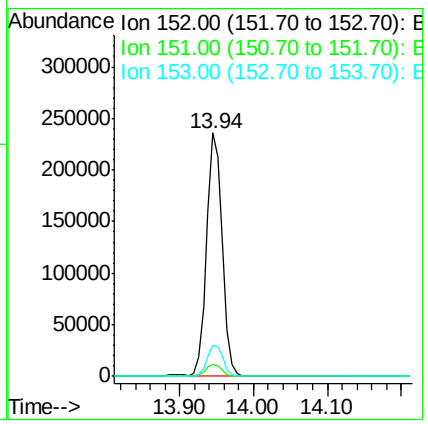


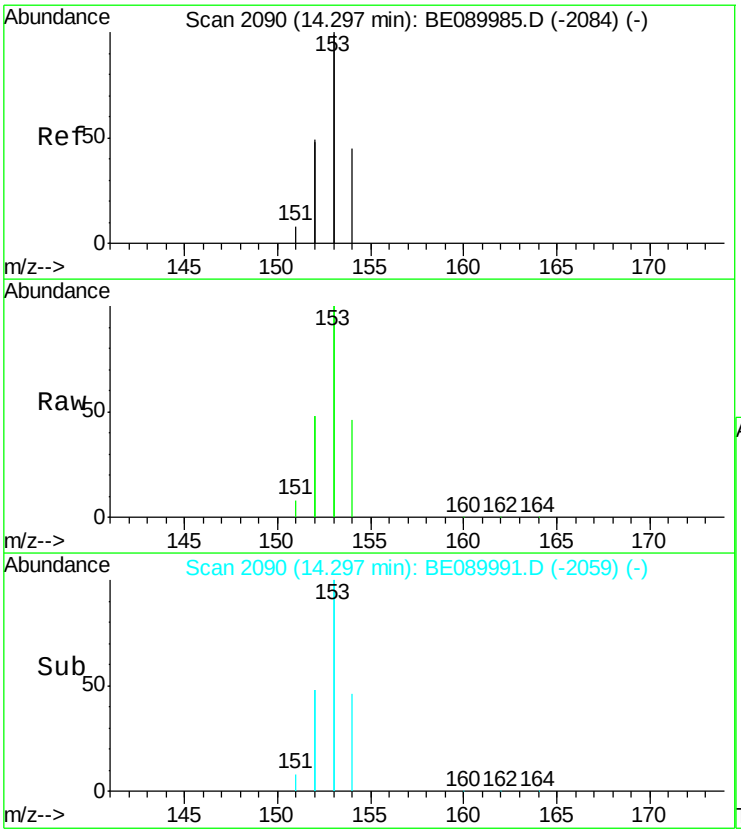

#15
Acenaphthylene
Concen: 3.96 ng
RT: 13.94 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

**Instrument :**
BNA_E
**ClientSampleId :**
PB84249BS

Tgt Ion:152 Resp: 341246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 4.9 | 3.9 | 5.9 |
| 153 | 13.1 | 10.4 | 15.6 |

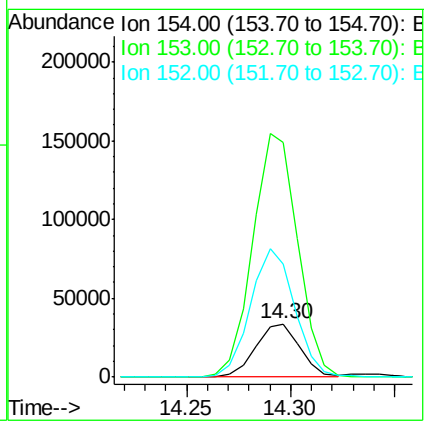


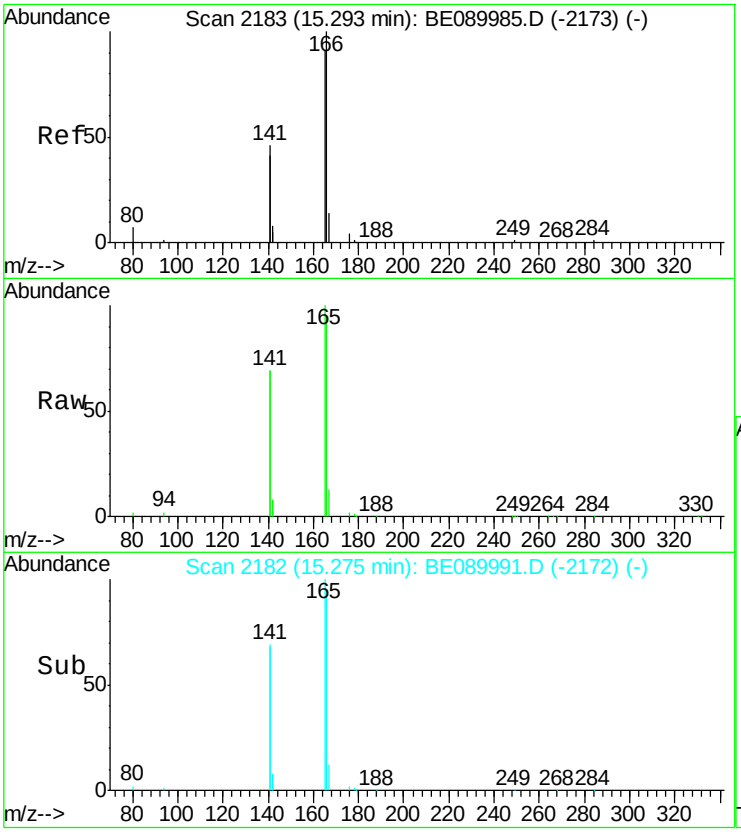




#16
Acenaphthene
Concen: 4.04 ng
RT: 14.30 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

Tgt Ion:154 Resp: 50071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 460.1 | 358.6 | 538.0 |
| 152 | 239.4 | 189.6 | 284.4 |



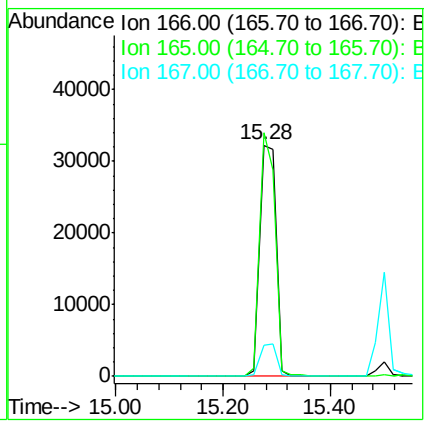


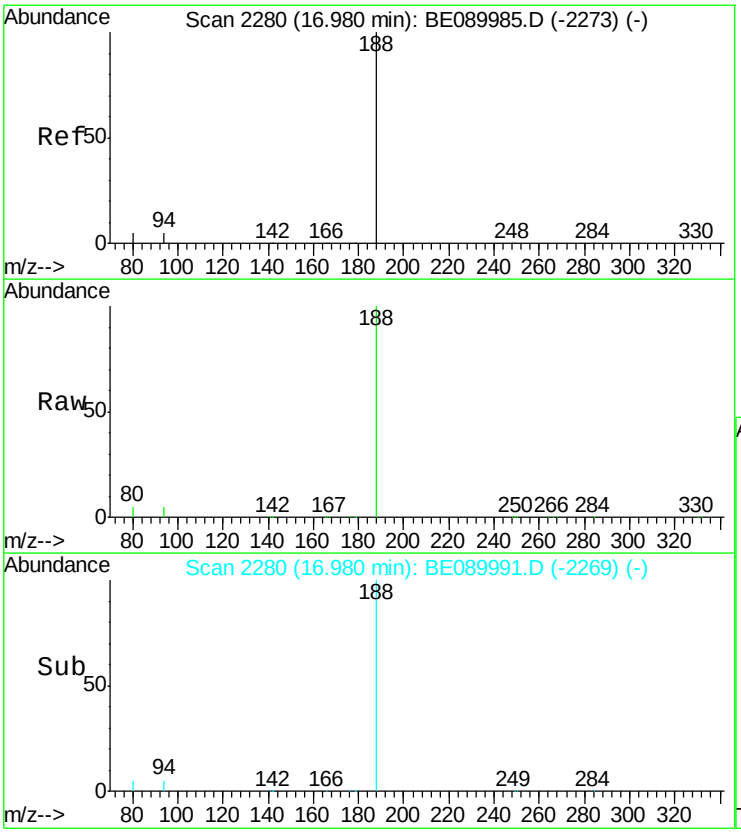

#17
Fluorene
Concen: 4.06 ng
RT: 15.28 min Scan# 2182
Delta R.T. -0.02 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

**Instrument :**
BNA_E
**ClientSampleId :**
PB84249BS

Tgt Ion:166 Resp: 68486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.7 | 79.0 | 118.6 |
| 167 | 13.8 | 11.8 | 17.8 |

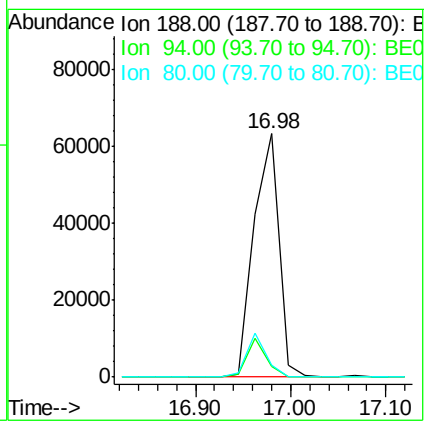


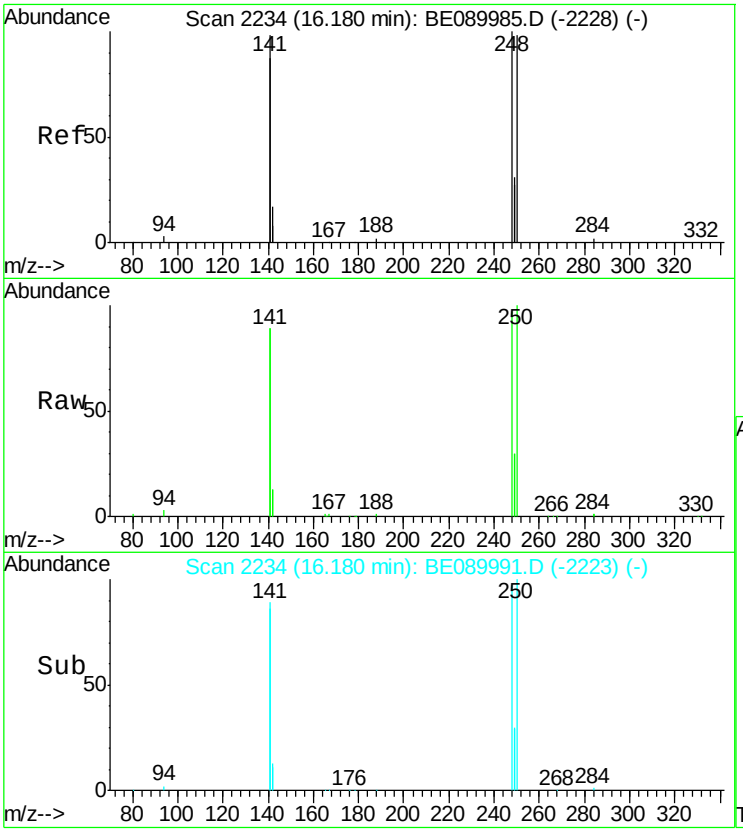




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

Tgt Ion:188 Resp: 114602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 4.6 | 4.1 | 6.1 |
| 80 | 4.7 | 4.2 | 6.2 |



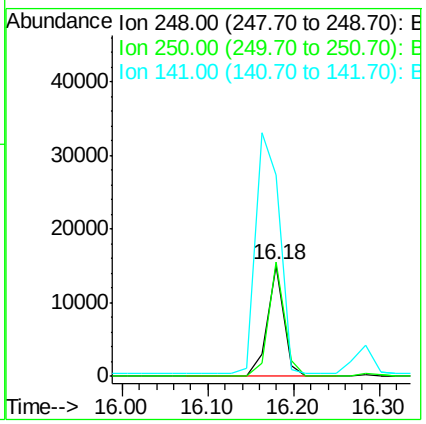


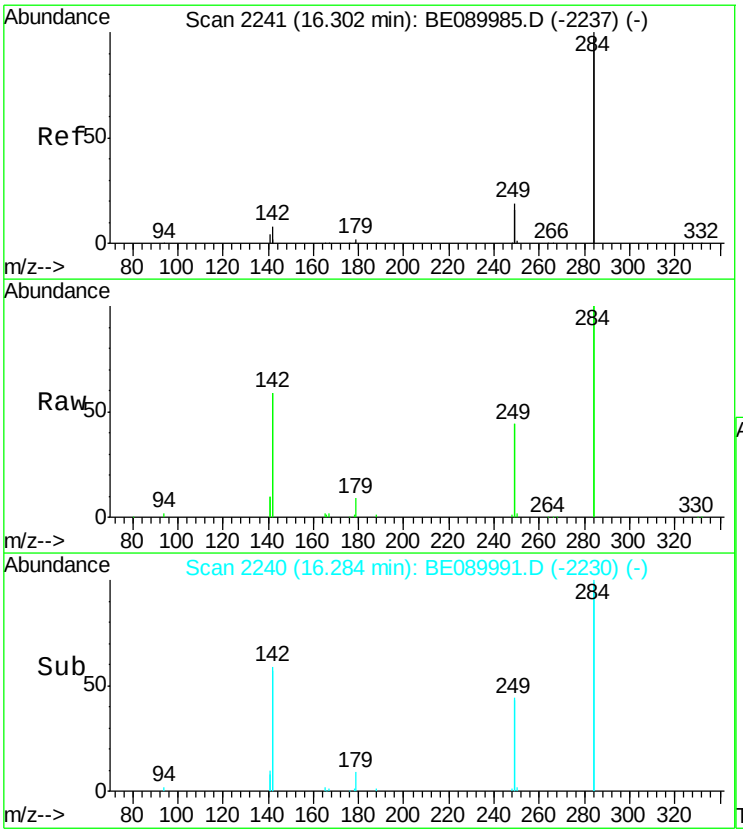

#19
4-Bromophenyl-phenylether
Concen: 4.14 ng
RT: 16.18 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

**Instrument :**
BNA_E
**ClientSampleId :**
PB84249BS

Tgt Ion:248 Resp: 20147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 100.2 | 78.3 | 117.5 |
| 141 | 315.7 | 248.1 | 372.1 |

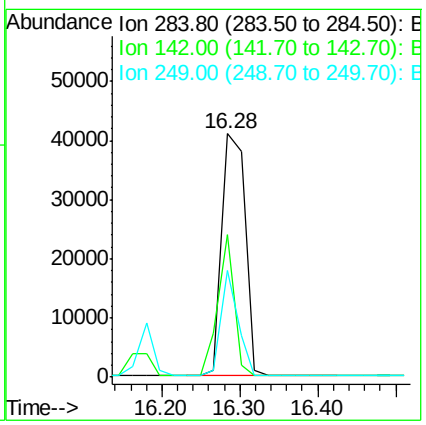


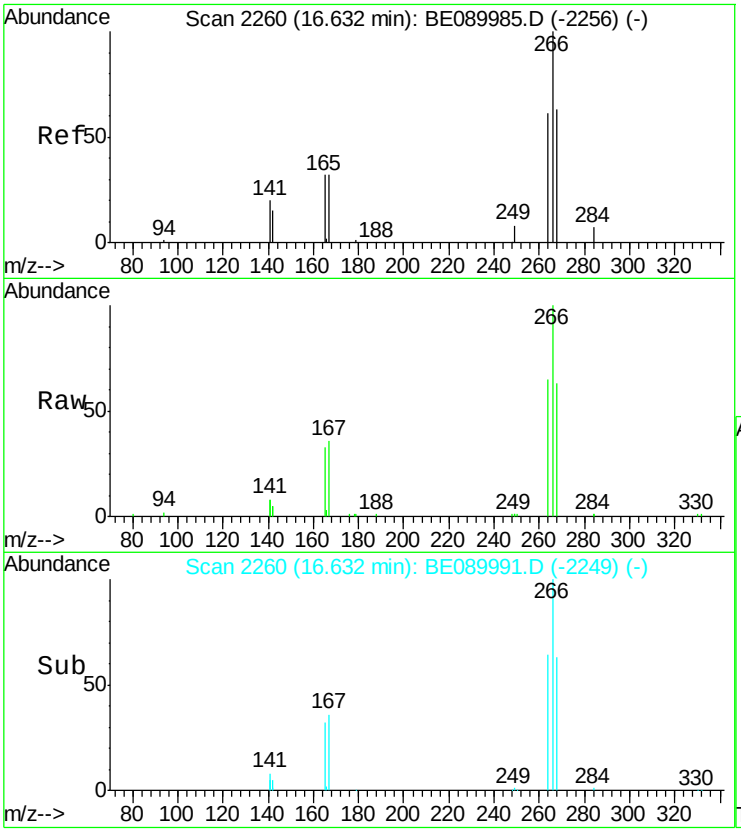




#20
Hexachlorobenzene
Concen: 4.16 ng
RT: 16.28 min Scan# 2240
Delta R.T. -0.02 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

Tgt Ion:284 Resp: 84314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 40.7 | 32.6 | 49.0 |
| 249 | 31.9 | 25.5 | 38.3 |



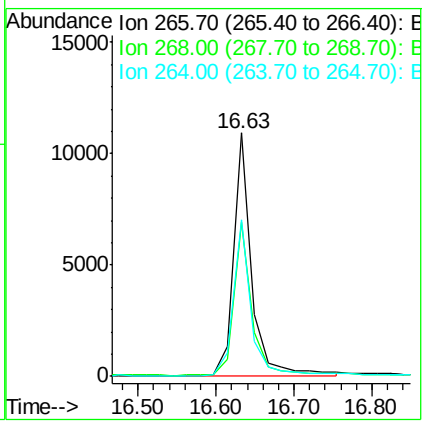


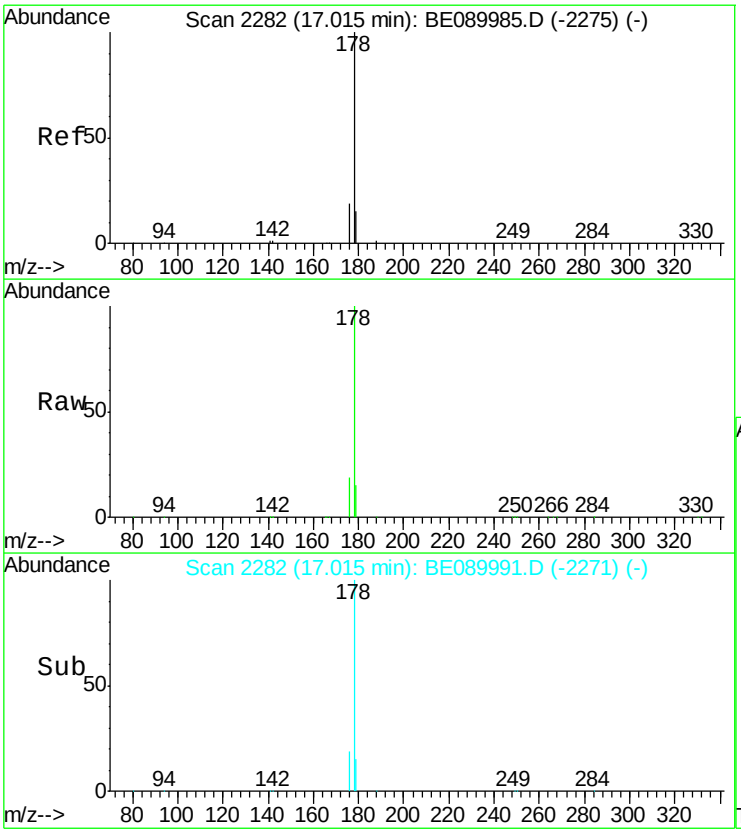

#21
Pentachlorophenol
Concen: 6.70 ng
RT: 16.63 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

**Instrument :**
BNA_E
**ClientSampleId :**
PB84249BS

Tgt Ion:266 Resp: 17289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.2 | 51.8 | 77.8 |
| 264 | 64.5 | 50.2 | 75.2 |

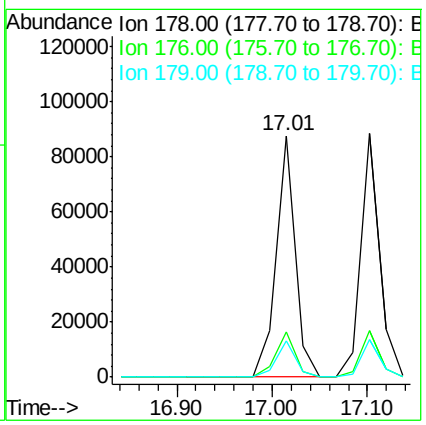


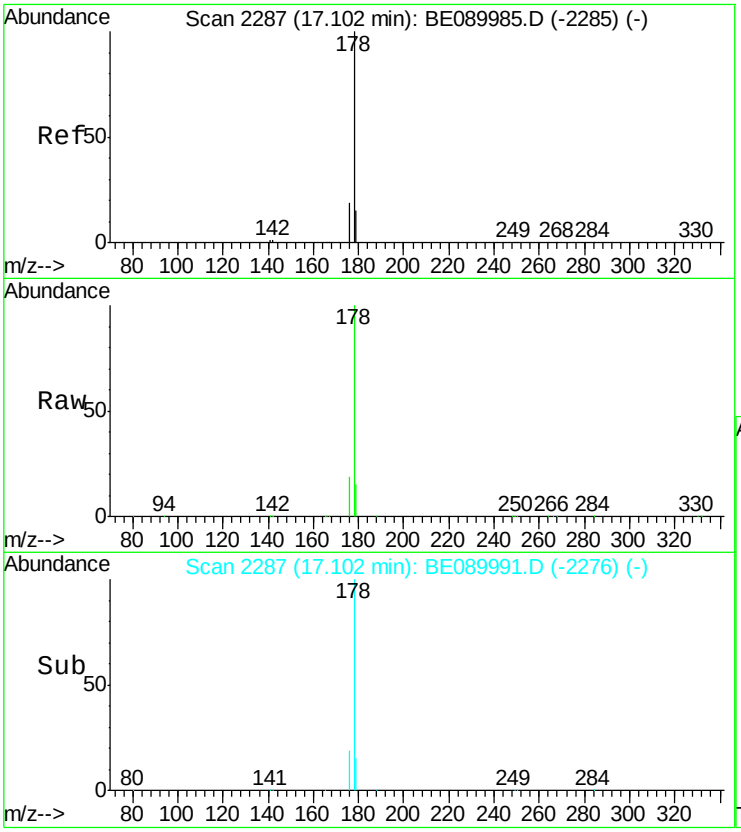




#22
Phenanthrene
Concen: 4.14 ng
RT: 17.01 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

Tgt Ion:178 Resp: 121670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 15.3 | 22.9 |
| 179 | 15.3 | 12.4 | 18.6 |



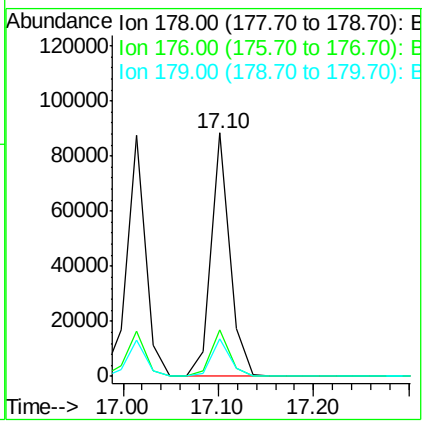


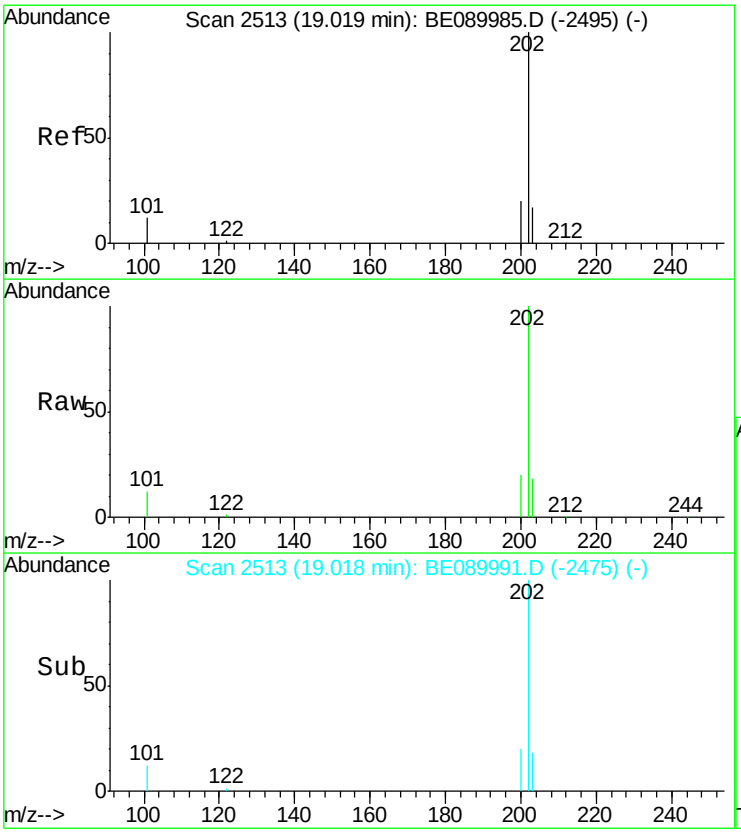

#23
Anthracene
Concen: 4.49 ng
RT: 17.10 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

**Instrument :**
BNA_E
**ClientSampleId :**
PB84249BS

Tgt Ion:178 Resp: 120622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.5 | 14.7 | 22.1 |
| 179 | 15.6 | 12.1 | 18.1 |

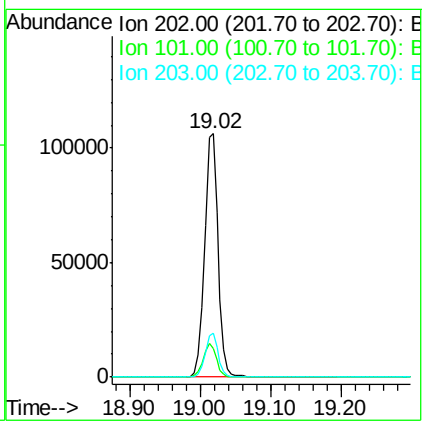


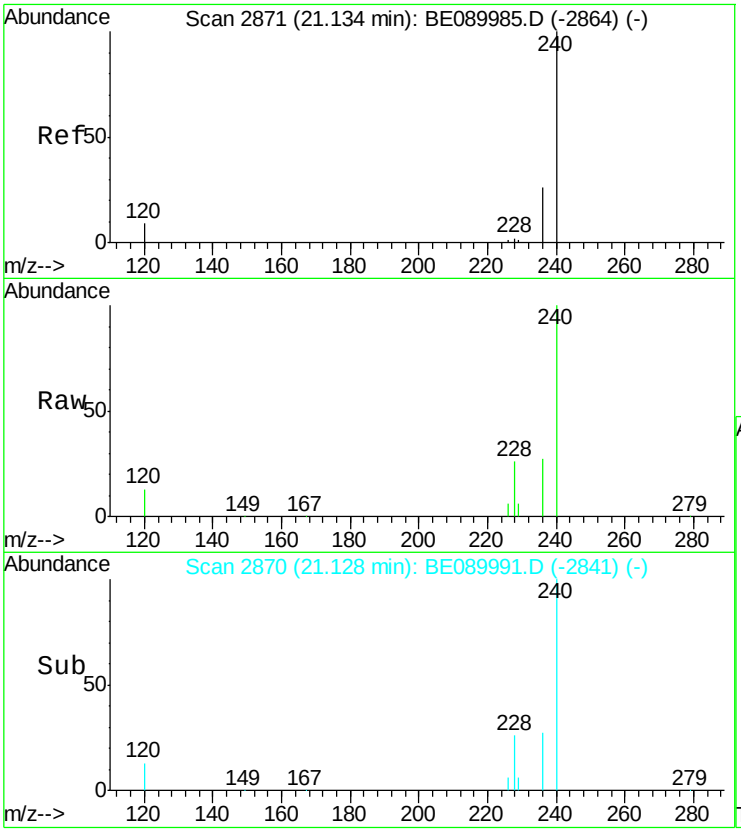




#24
Fluoranthene
Concen: 4.32 ng
RT: 19.02 min Scan# 2513
Delta R.T. -0.00 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

Tgt Ion:202 Resp: 141573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.2 | 10.6 | 15.8 |
| 203 | 17.4 | 13.8 | 20.6 |



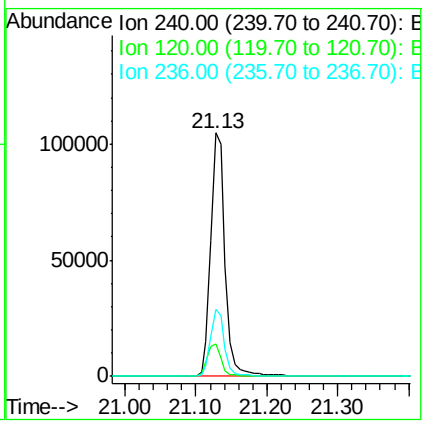


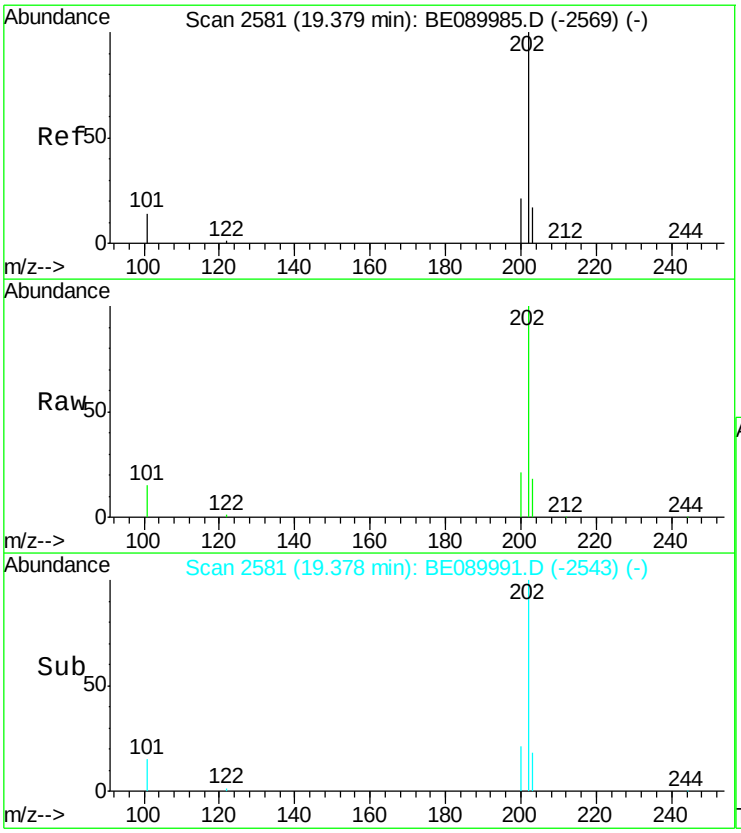

#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.13 min Scan# 2870
Delta R.T. -0.01 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

**Instrument :**
BNA_E
**ClientSampleId :**
PB84249BS

Tgt Ion:240 Resp: 147250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.1 | 6.9 | 10.3# |
| 236 | 27.5 | 20.8 | 31.2 |

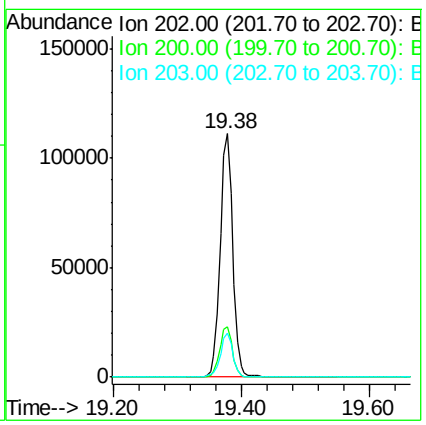


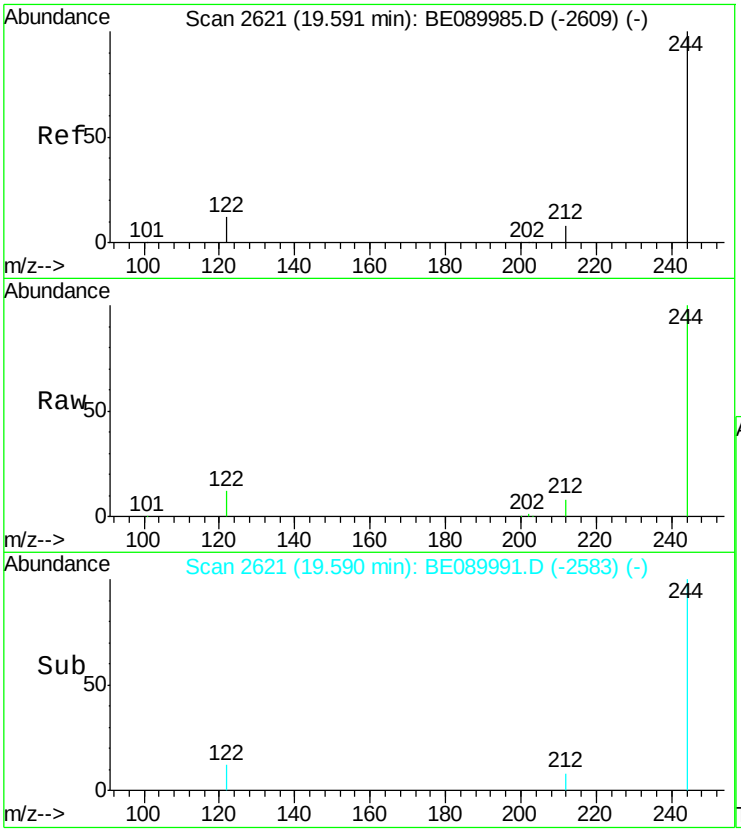




#26
Pyrene
Concen: 4.28 ng
RT: 19.38 min Scan# 2581
Delta R.T. -0.00 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

Tgt Ion:202 Resp: 150307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.0 | 16.8 | 25.2 |
| 203 | 18.0 | 13.9 | 20.9 |



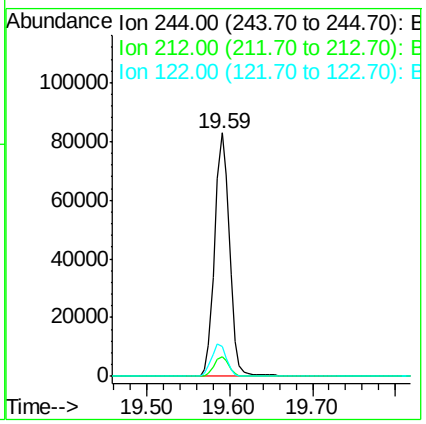


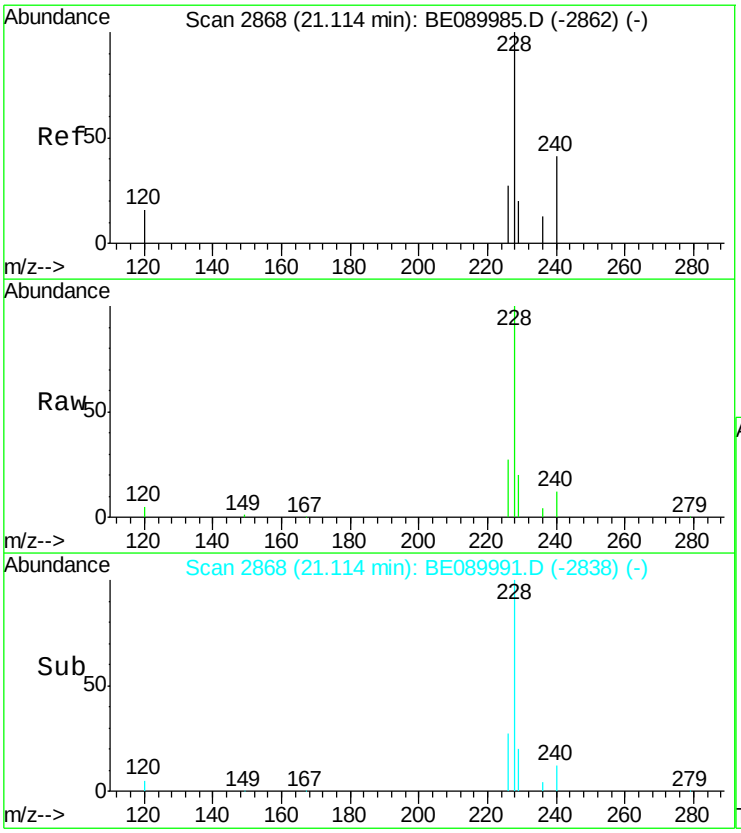

#27
Terphenyl-d14
Concen: 4.18 ng
RT: 19.59 min Scan# 2621
Delta R.T. -0.00 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

**Instrument :**
BNA_E
**ClientSampleId :**
PB84249BS

Tgt Ion:244 Resp: 102560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.2 | 6.6 | 9.8 |
| 122 | 12.5 | 9.8 | 14.8 |

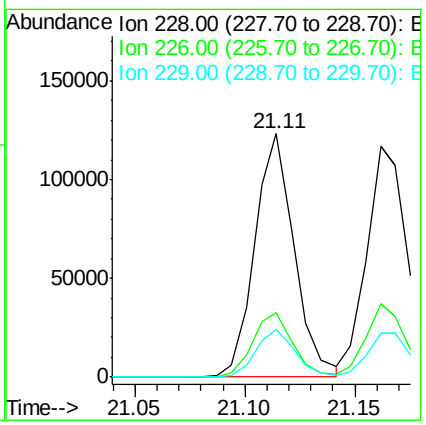


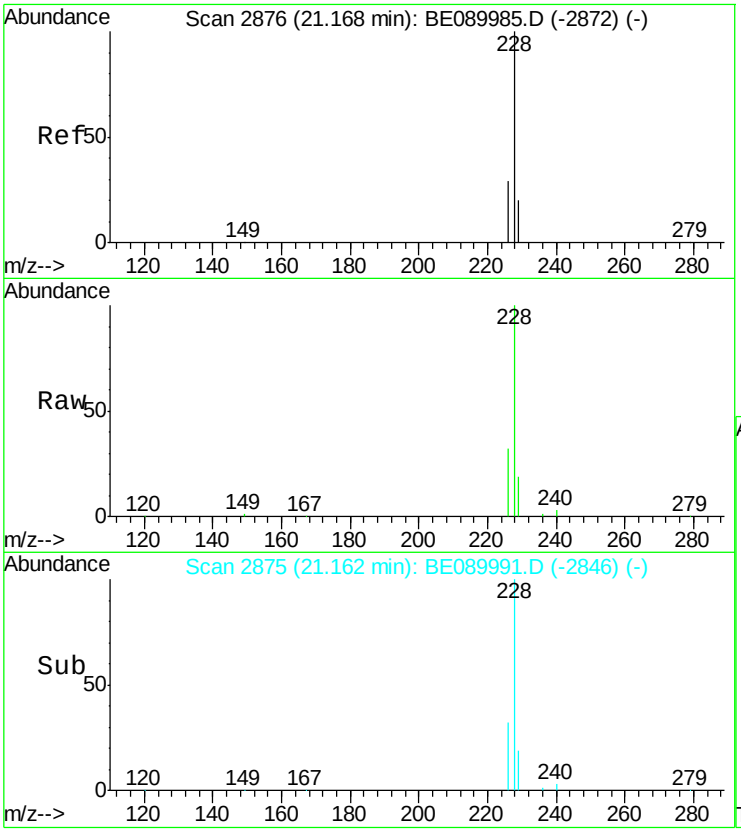




#28
Benzo(a)anthracene
Concen: 4.18 ng
RT: 21.11 min Scan# 2868
Delta R.T. 0.00 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

Tgt Ion:228 Resp: 153800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.7 | 21.8 | 32.6 |
| 229 | 19.8 | 15.8 | 23.6 |



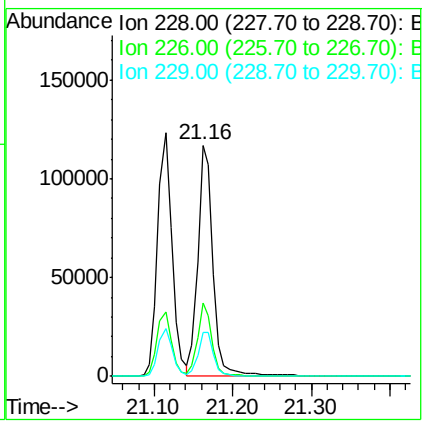


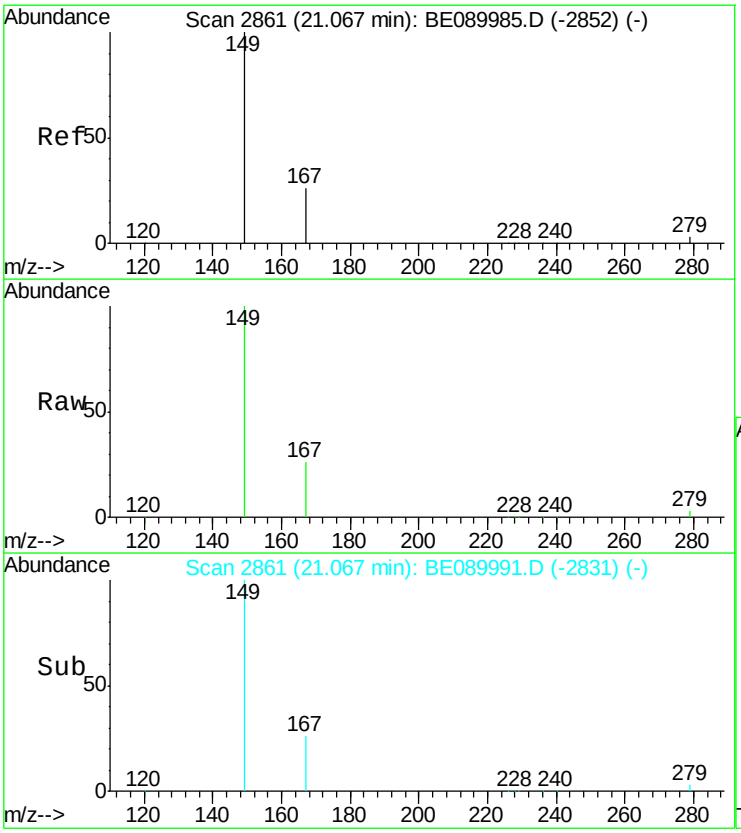

#29
Chrysene
Concen: 4.11 ng
RT: 21.16 min Scan# 2875
Delta R.T. -0.01 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

**Instrument :**
BNA_E
**ClientSampleId :**
PB84249BS

Tgt Ion:228 Resp: 156754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.6 | 23.4 | 35.0 |
| 229 | 19.0 | 16.2 | 24.2 |

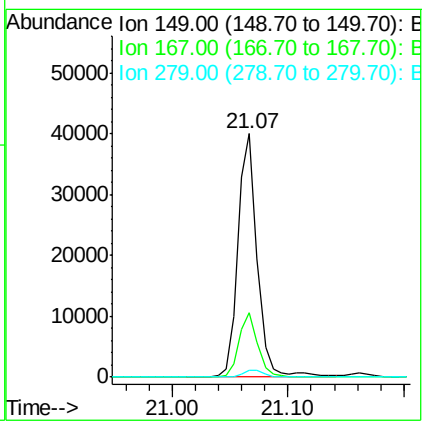


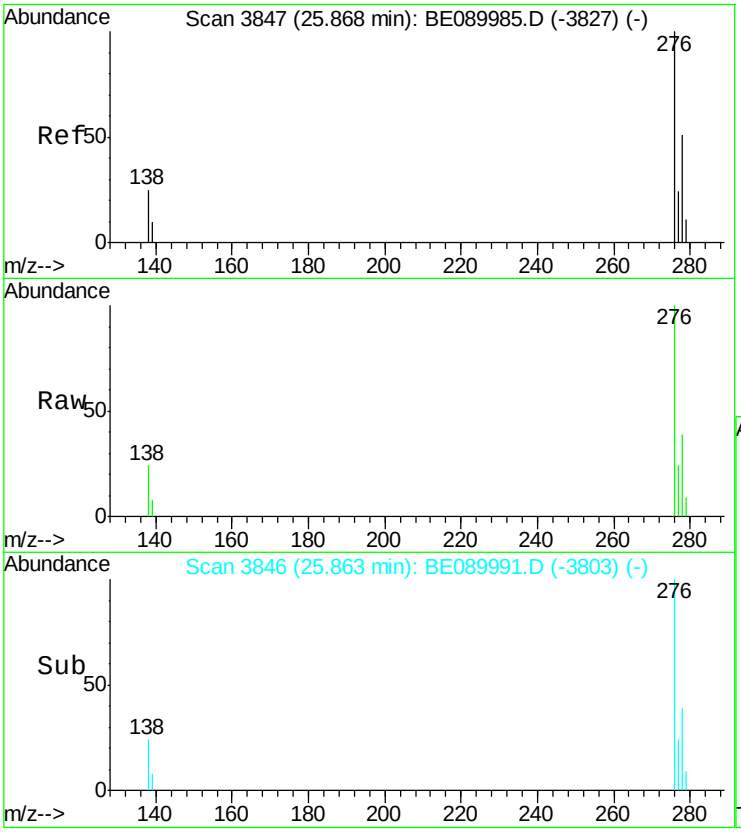




#30
Bis(2-ethylhexyl)phthalate
Concen: 2.83 ng
RT: 21.07 min Scan# 2861
Delta R.T. 0.00 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

Tgt Ion:149 Resp: 45519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 25.2 | 20.3 | 30.5 |
| 279 | 3.0 | 2.6 | 3.8 |



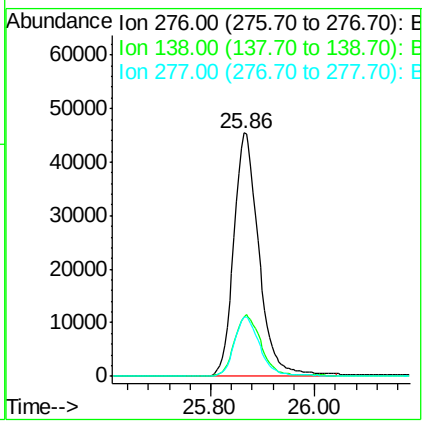


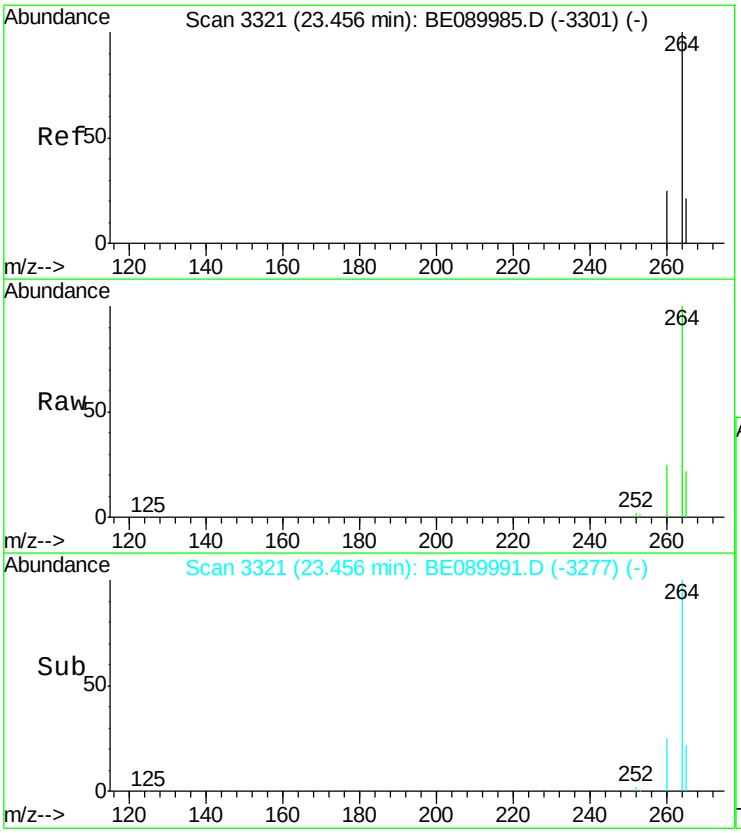

#31
Indeno(1,2,3-cd)pyrene
Concen: 4.17 ng
RT: 25.86 min Scan# 3846
Delta R.T. -0.00 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

**Instrument :**
BNA_E
**ClientSampleId :**
PB84249BS

Tgt Ion:276 Resp: 152817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.9 | 21.3 | 31.9 |
| 277 | 24.9 | 19.7 | 29.5 |

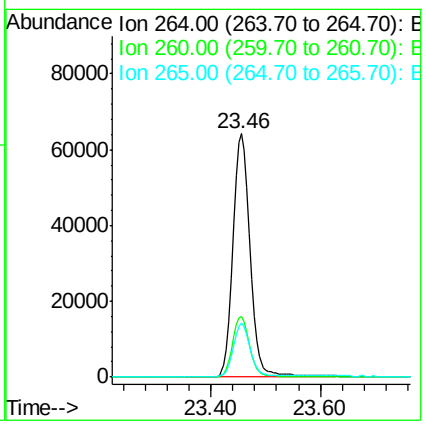


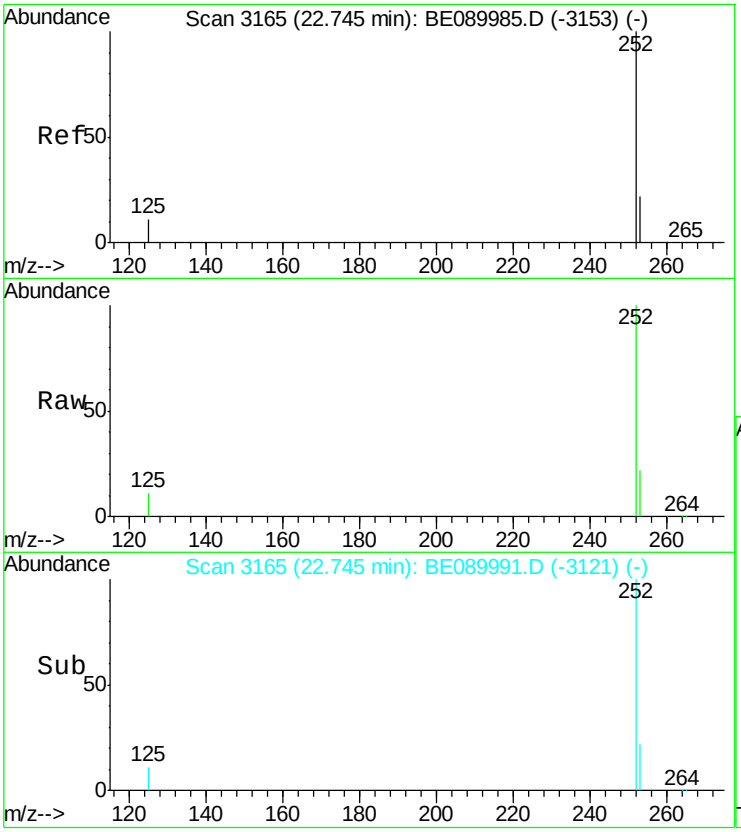




#32
Perylene-d12
Concen: 5.00 ng
RT: 23.46 min Scan# 3321
Delta R.T. -0.00 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

Tgt Ion:264 Resp: 136711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.7 | 20.2 | 30.2 |
| 265 | 22.0 | 17.1 | 25.7 |



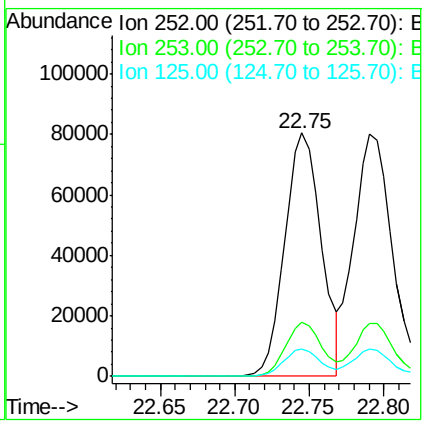


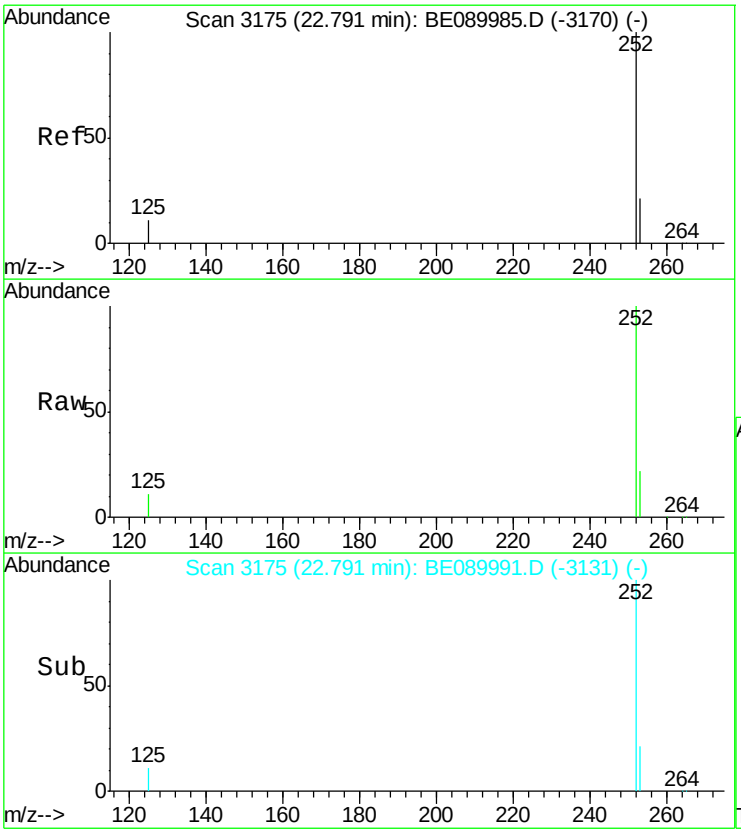

#33
Benzo(b)fluoranthene
Concen: 4.54 ng
RT: 22.75 min Scan# 3165
Delta R.T. -0.00 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

**Instrument :**
BNA_E
**ClientSampleId :**
PB84249BS

Tgt Ion:252 Resp: 136918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.8 | 26.8 |
| 125 | 11.3 | 9.0 | 13.4 |

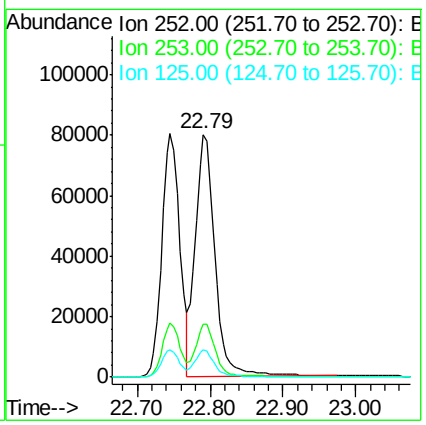


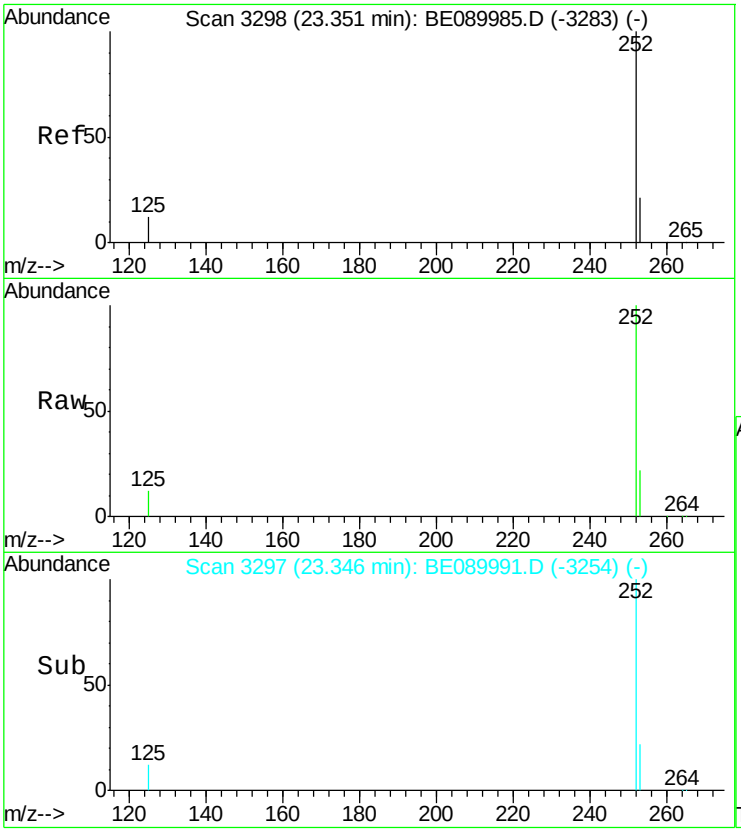




#34
Benzo(k)fluoranthene
Concen: 4.44 ng
RT: 22.79 min Scan# 3175
Delta R.T. -0.00 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

Tgt Ion:252 Resp: 149658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 17.5 | 26.3 |
| 125 | 11.4 | 9.5 | 14.3 |



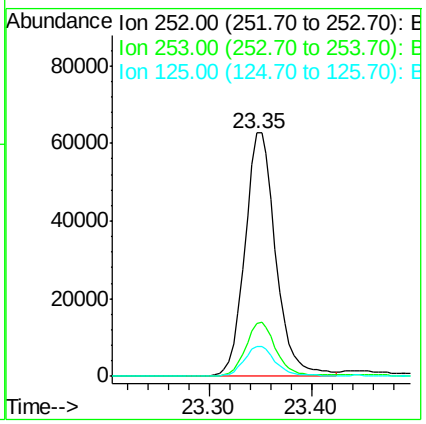


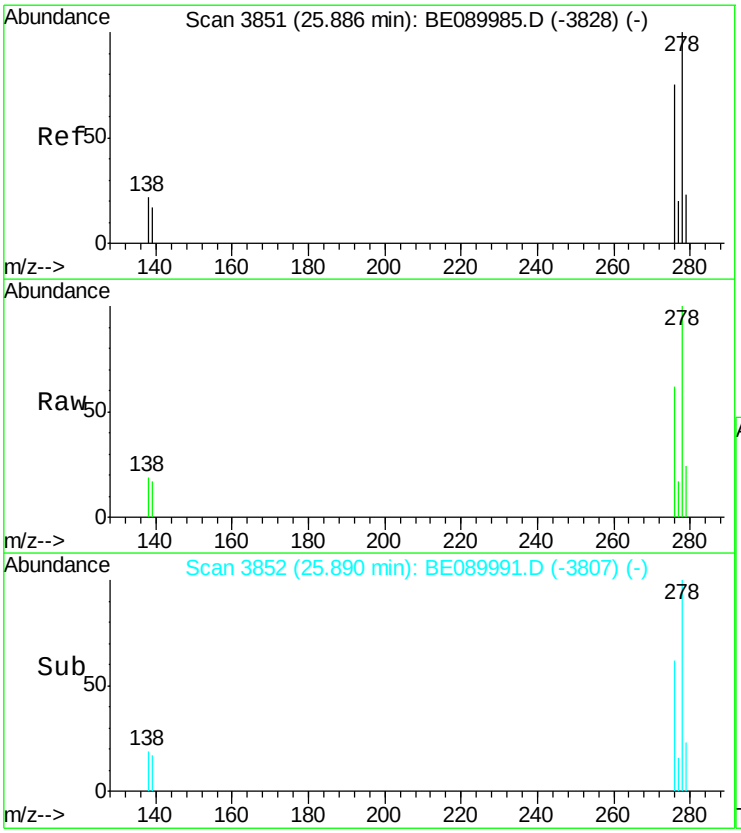

#35
Benzo(a)pyrene
Concen: 4.68 ng
RT: 23.35 min Scan# 3297
Delta R.T. -0.00 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

**Instrument :**
BNA_E
**ClientSampleId :**
PB84249BS

Tgt Ion:252 Resp: 130373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.4 | 26.2 |
| 125 | 12.5 | 10.5 | 15.7 |

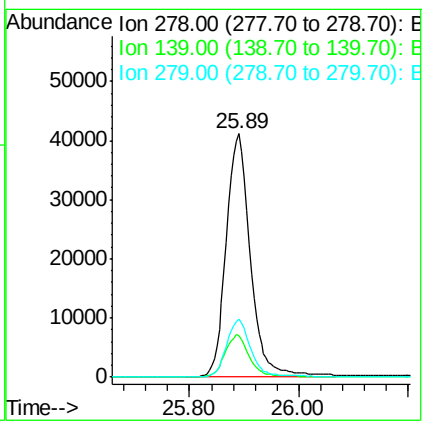


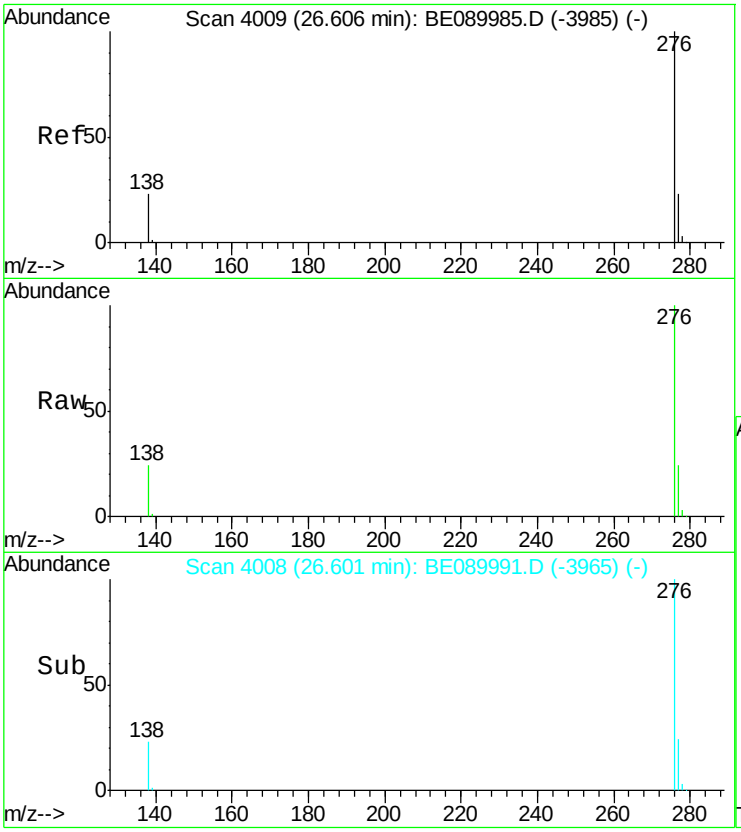




#36
Dibenzo(a,h)anthracene
Concen: 4.41 ng
RT: 25.89 min Scan# 3852
Delta R.T. 0.00 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

Tgt Ion:278 Resp: 125993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.9 | 14.4 | 21.6 |
| 279 | 23.6 | 19.0 | 28.6 |






#37
Benzo(g,h,i)perylene
Concen: 4.39 ng
RT: 26.60 min Scan# 4008
Delta R.T. -0.00 min
Lab File: BE089991.D
Acq: 29 Jun 2015 20:20

**Instrument :**
BNA_E
**ClientSampleId :**
PB84249BS

Tgt Ion:276 Resp: 127270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.1 | 18.8 | 28.2 |
| 138 | 23.6 | 18.6 | 27.8 |