Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
Data File : BE097623.D
Acq On : 21 Sep 2018 22:12
Operator : SJ/JU
Sample : PB112996BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Sep 22 04:09:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 10:54:43 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.38 | 152 | 1137 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.13 | 136 | 4795 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.00 | 164 | 2294 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.76 | 188 | 5429 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 20.97 | 240 | 7226 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.20 | 264 | 7546 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.06 | 112 | 1231 | 0.36 | ng | | 0.01 |
| 5) Phenol-d6 | 6.62 | 99 | 1366 | 0.31 | ng | | 0.01 |
| 8) Nitrobenzene-d5 | 8.53 | 82 | 1388 | 0.37 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.72 | 152 | 3518 | 0.53 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.54 | 330 | 209 | 0.28 | ng | | 0.02 |
| 15) 2-Fluorobiphenyl | 12.62 | 172 | 3791 | 0.47 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 18.80 | 212 | 25245 | 0.36 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.42 | 244 | 4461 | 0.34 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.09 | 88 | 635 | 0.319 | ng | # | 43 |
| 3) n-Nitrosodimethylamine | 3.38 | 42 | 574 | 0.350 | ng | # | 92 |
| 6) bis(2-Chloroethyl)ether | 6.82 | 93 | 1312 | 0.325 | ng | | 78 |
| 9) Naphthalene | 10.17 | 128 | 17455 | 0.404 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.46 | 225 | 749 | 0.376 | ng | | 97 |
| 12) 2-Methylnaphthalene | 11.80 | 142 | 2646 | 0.393 | ng | | 99 |
| 16) Acenaphthylene | 13.72 | 152 | 3484 | 0.384 | ng | | 100 |
| 17) Acenaphthene | 14.06 | 154 | 2393 | 0.394 | ng | | 96 |
| 18) Fluorene | 15.06 | 166 | 2980 | 0.376 | ng | # | 79 |
| 20) 4-Bromophenyl-phenylether | 15.96 | 248 | 930 | 0.380 | ng | # | 80 |
| 21) Hexachlorobenzene | 16.07 | 284 | 1110 | 0.412 | ng | # | 84 |
| 22) Pentachlorophenol | 16.45 | 266 | 336 | 0.408 | ng | | 86 |
| 23) Phenanthrene | 16.80 | 178 | 5141 | 0.399 | ng | | 99 |
| 24) Anthracene | 16.89 | 178 | 4351 | 0.382 | ng | | 95 |
| 26) Fluoranthene | 18.84 | 202 | 6102 | 0.341 | ng | | 99 |
| 28) Pyrene | 19.20 | 202 | 6170 | 0.375 | ng | | 99 |
| 30) Benzo(a)anthracene | 20.95 | 228 | 7101 | 0.390 | ng | | 98 |
| 31) Chrysene | 21.00 | 228 | 8133 | 0.417 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 20.91 | 149 | 8413 | 0.286 | ng | # | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 25.51 | 276 | 10286 | 0.438 | ng | # | 93 |
| 35) Benzo(b)fluoranthene | 22.53 | 252 | 8123 | 0.420 | ng | # | 90 |
| 36) Benzo(k)fluoranthene | 22.58 | 252 | 9151 | 0.414 | ng | | 94 |
| 37) Benzo(a)pyrene | 23.11 | 252 | 8080 | 0.430 | ng | | 93 |
| 38) Dibenzo(a,h)anthracene | 25.52 | 278 | 8440 | 0.416 | ng | | 96 |
| 39) Benzo(g,h,i)perylene | 26.21 | 276 | 8604 | 0.436 | ng | # | 89 |

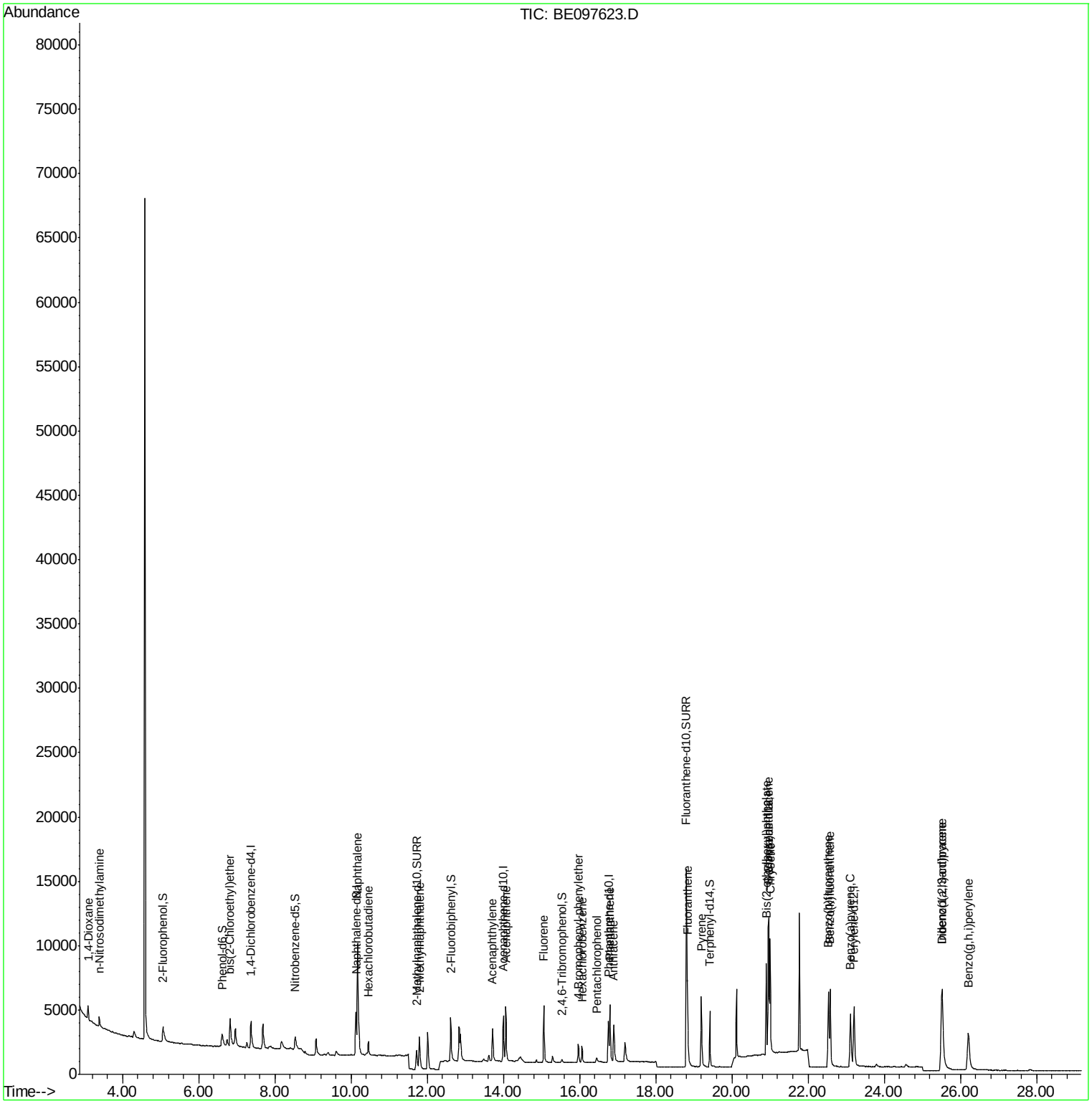
(#) = qualifier out of range (m) = manual integration (+) = signals summed

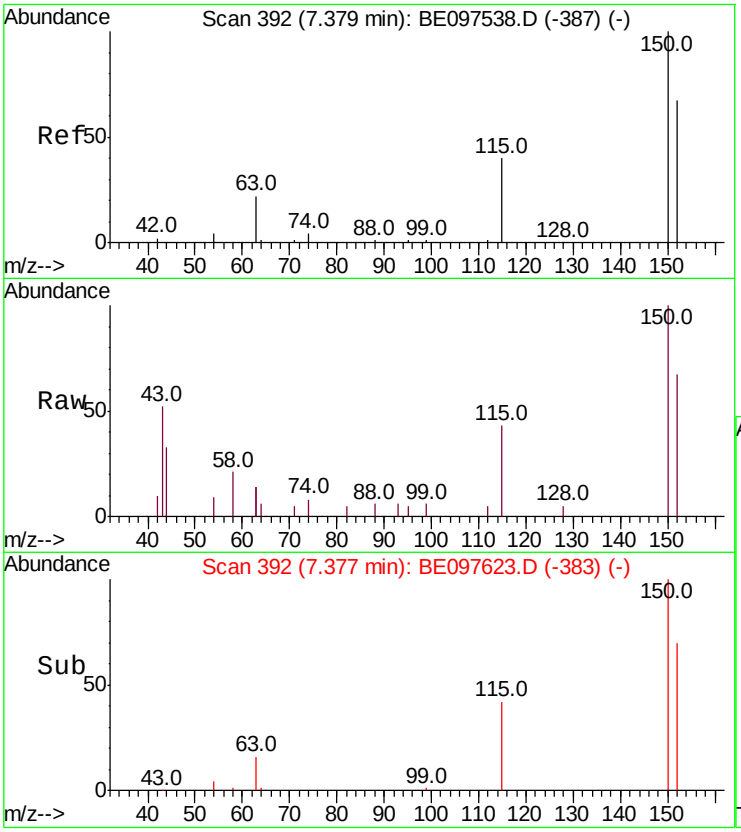
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
Data File : BE097623.D
Acq On : 21 Sep 2018 22:12
Operator : SJ/JU
Sample : PB112996BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Sep 22 04:09:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 10:54:43 2018
Response via : Initial Calibration



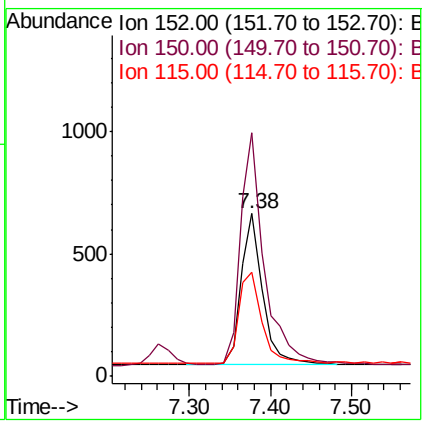


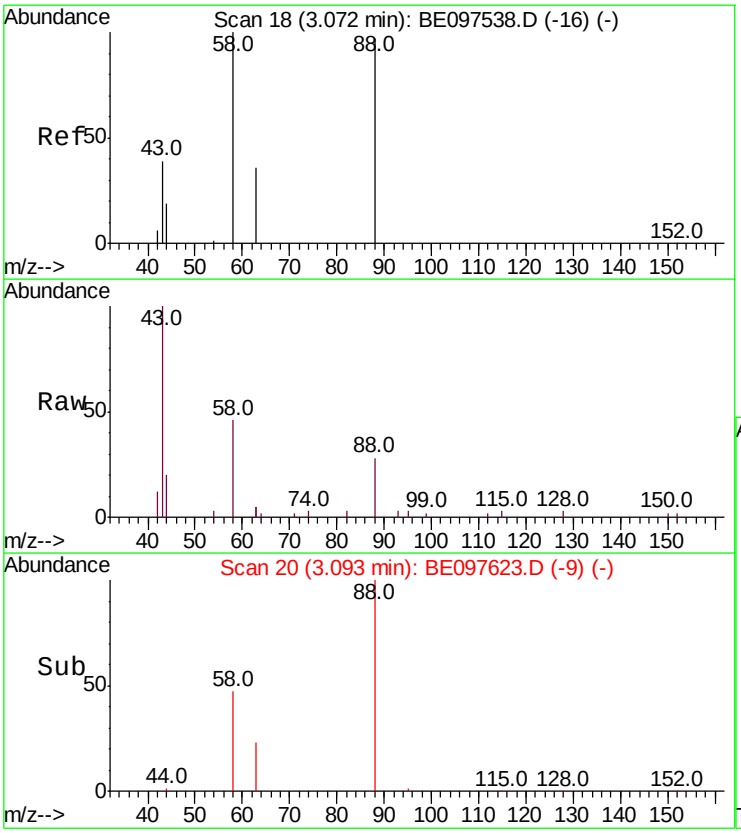

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

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

Tgt Ion:152 Resp: 1137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 149.6 | 117.2 | 175.8 |
| 115 | 63.9 | 57.0 | 85.6 |

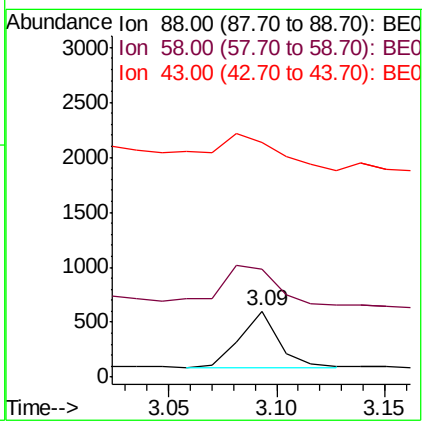


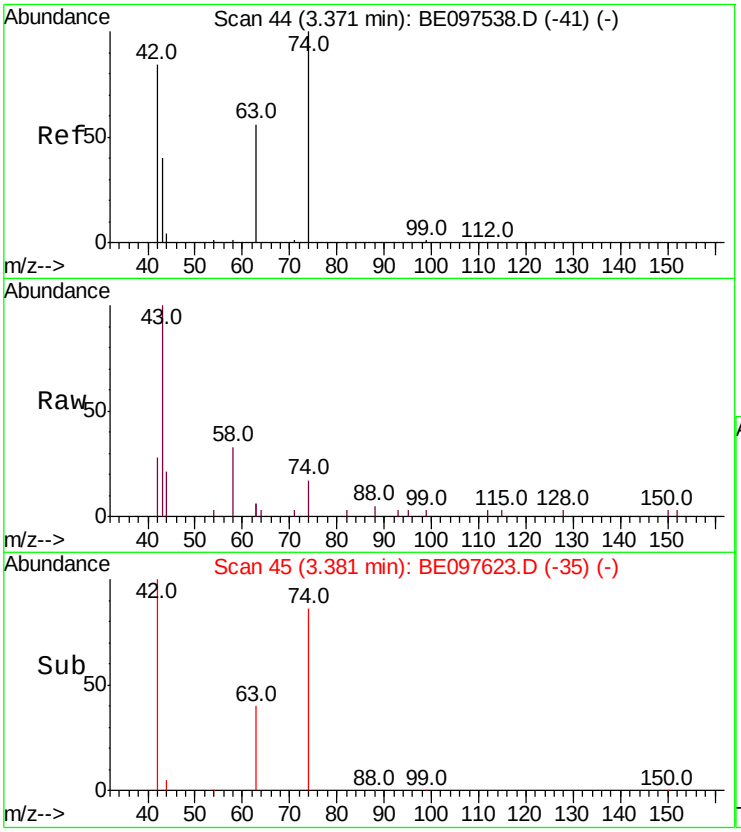




#2
1,4-Dioxane
Concen: 0.319 ng
RT: 3.09 min Scan# 20
Delta R.T. 0.02 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

Tgt Ion: 88 Resp: 635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 101.3 | 63.2 | 94.8# |
| 43 | 124.4 | 41.2 | 61.8# |



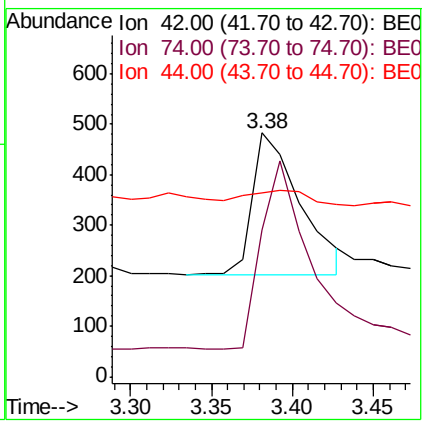


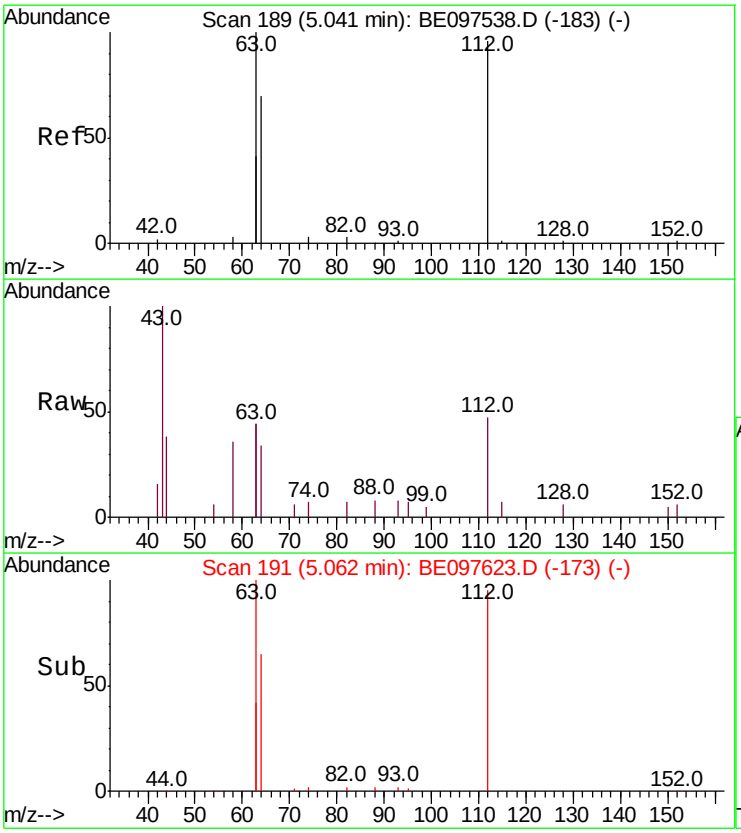

#3
n-Nitrosodimethylamine
Concen: 0.350 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

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

Tgt Ion: 42 Resp: 574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 129.1 | 96.0 | 144.0 |
| 44 | 11.3 | 12.0 | 18.0# |

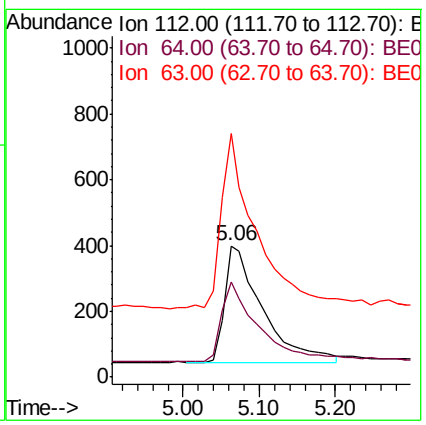


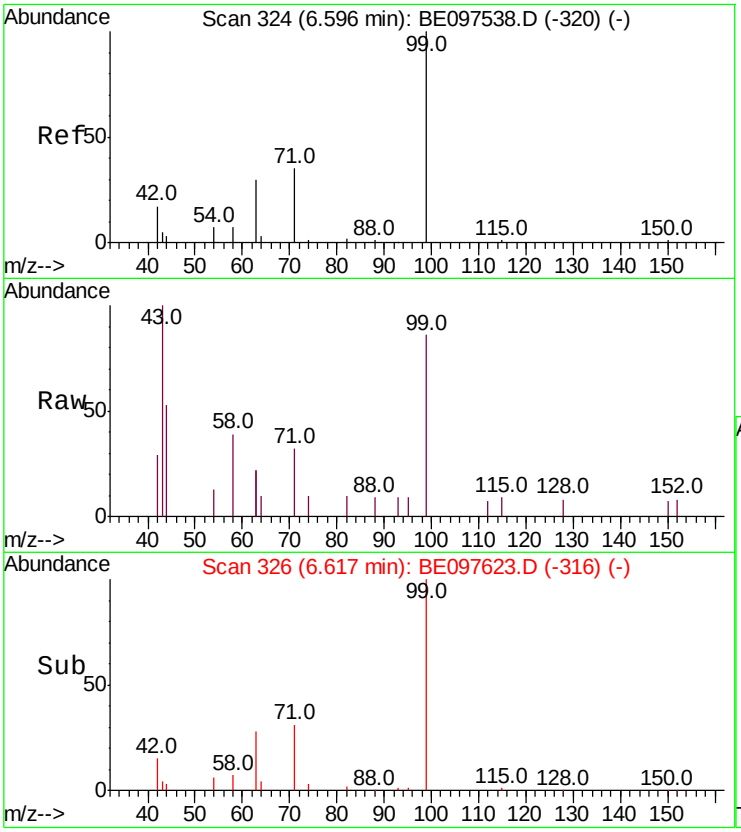




#4
2-Fluorophenol
Concen: 0.361 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

Tgt Ion:112 Resp: 1231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 66.4 | 60.1 | 90.1 |
| 63 | 137.6 | 116.8 | 175.2 |



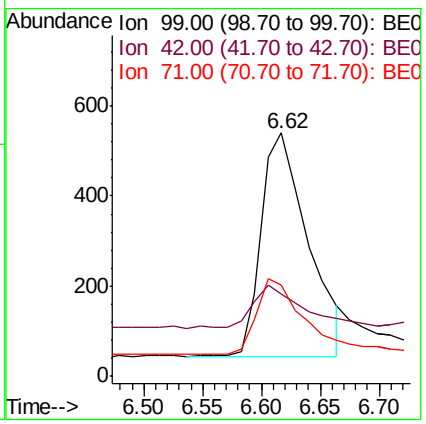


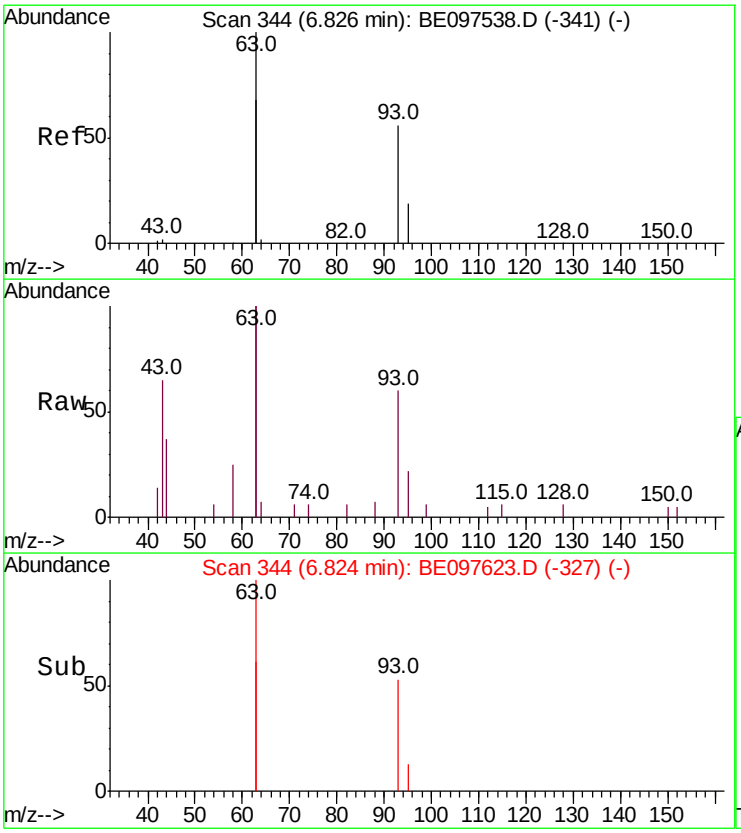

#5
Phenol-d6
Concen: 0.314 ng
RT: 6.62 min Scan# 326
Delta R.T. 0.01 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

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

Tgt Ion: 99 Resp: 1366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.6 | 20.2 | 30.2 |
| 71 | 33.5 | 28.4 | 42.6 |

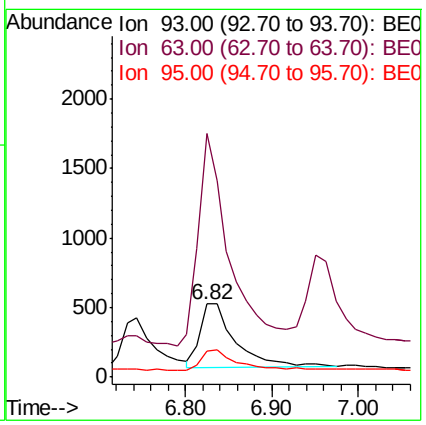


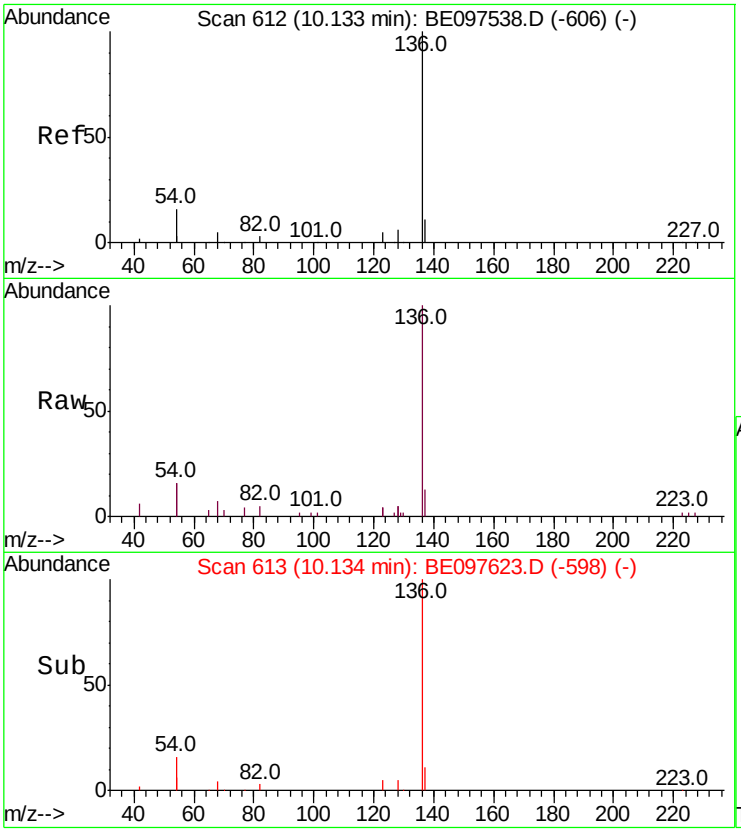




#6
bis(2-Chloroethyl)ether
Concen: 0.325 ng
RT: 6.82 min Scan# 344
Delta R.T. -0.00 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

Tgt Ion: 93 Resp: 1312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 291.9 | 275.3 | 412.9 |
| 95 | 31.8 | 25.2 | 37.8 |



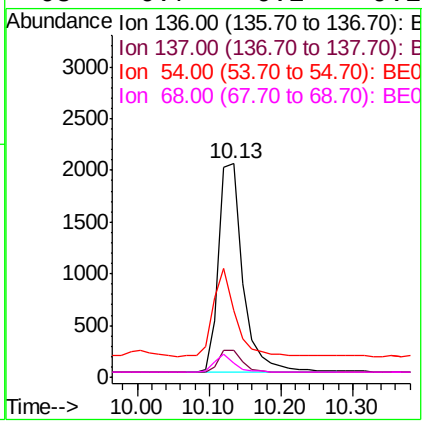


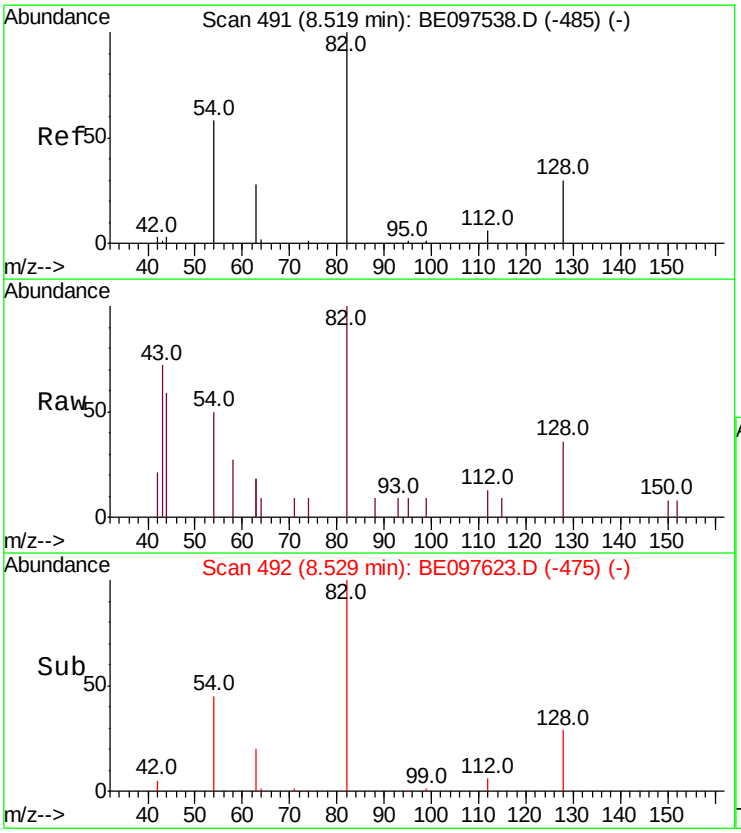

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

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

Tgt Ion:136 Resp: 4795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.8 | 9.5 | 14.3 |
| 54 | 31.2 | 29.1 | 43.7 |
| 68 | 6.7 | 6.2 | 9.2 |

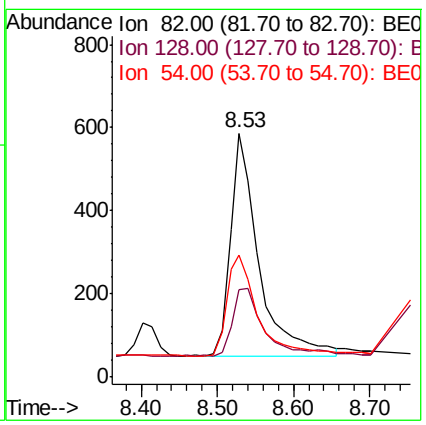


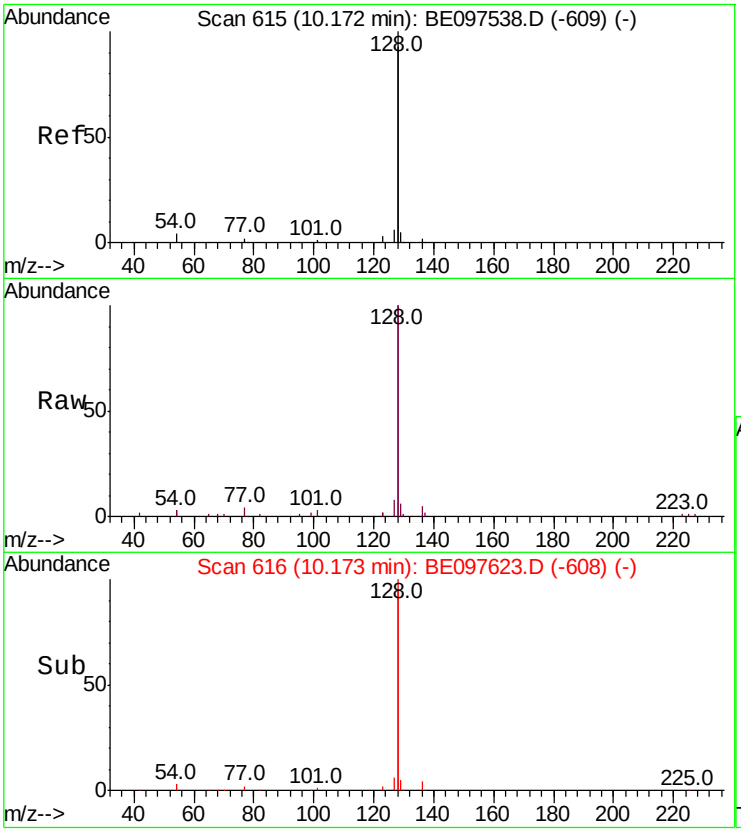




#8
Nitrobenzene-d5
Concen: 0.375 ng
RT: 8.53 min Scan# 492
Delta R.T. -0.00 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

Tgt Ion: 82 Resp: 1388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 35.7 | 24.0 | 36.0 |
| 54 | 50.2 | 40.0 | 60.0 |



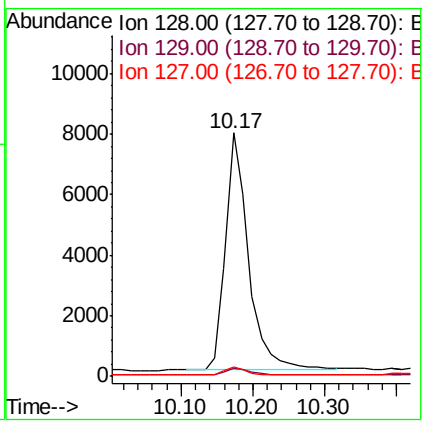


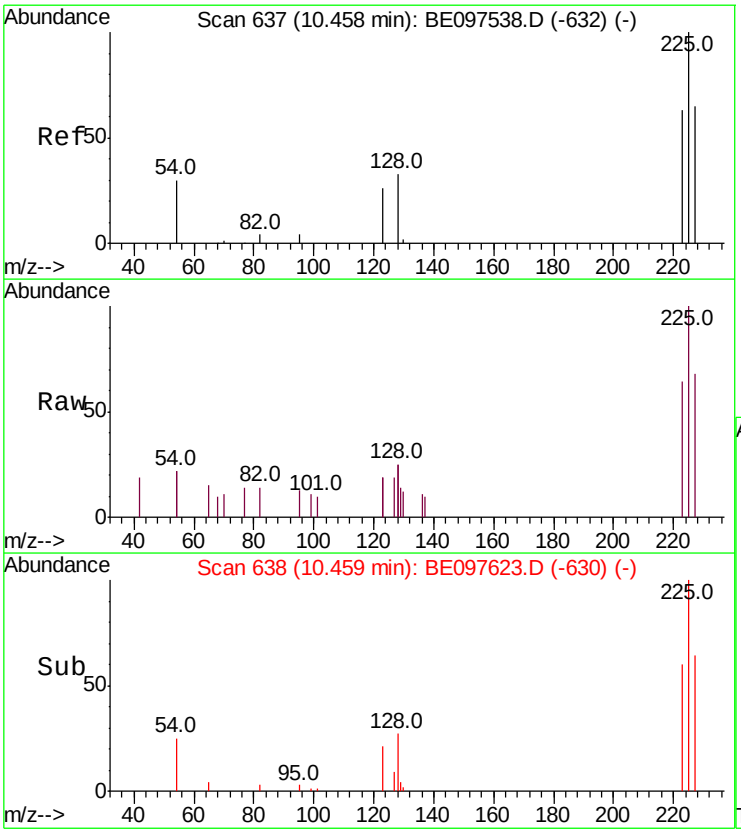

#9
Naphthalene
Concen: 0.404 ng
RT: 10.17 min Scan# 616
Delta R.T. 0.00 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

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

Tgt Ion:128 Resp: 17455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 3.2 | 2.6 | 3.8 |
| 127 | 3.8 | 2.8 | 4.2 |

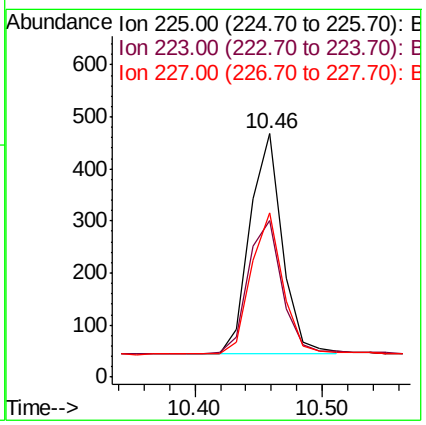


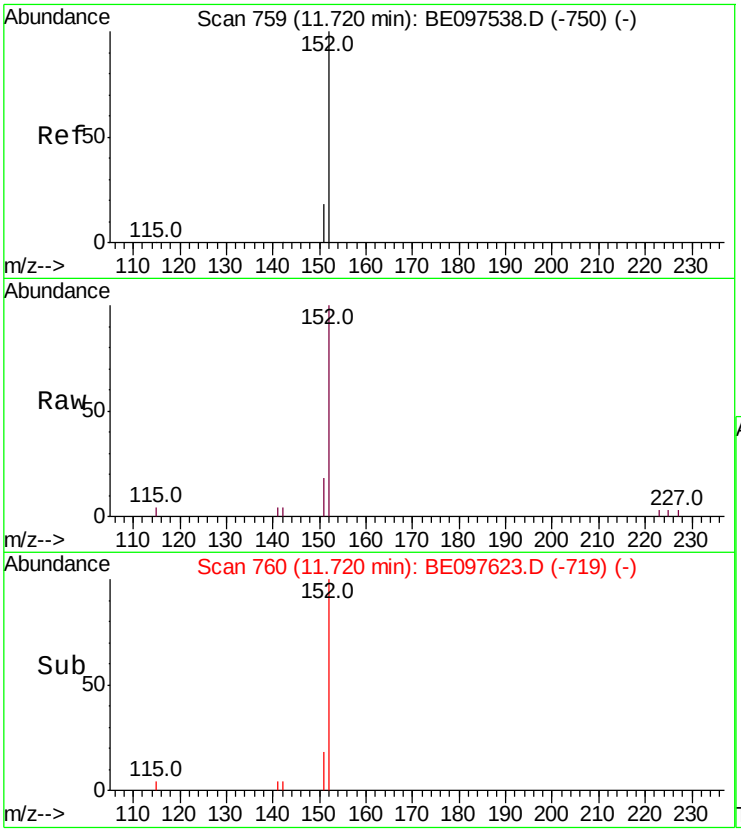




#10
Hexachlorobutadiene
Concen: 0.376 ng
RT: 10.46 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

Tgt Ion:225 Resp: 749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.2 | 53.0 | 79.6 |
| 227 | 63.0 | 51.4 | 77.2 |



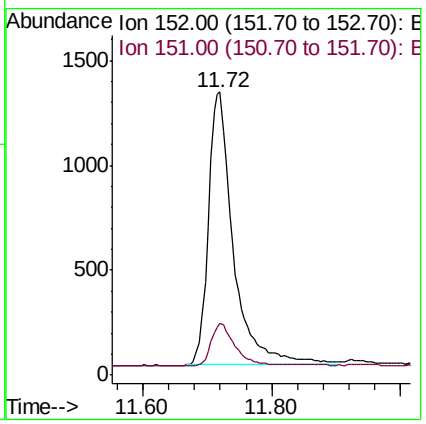


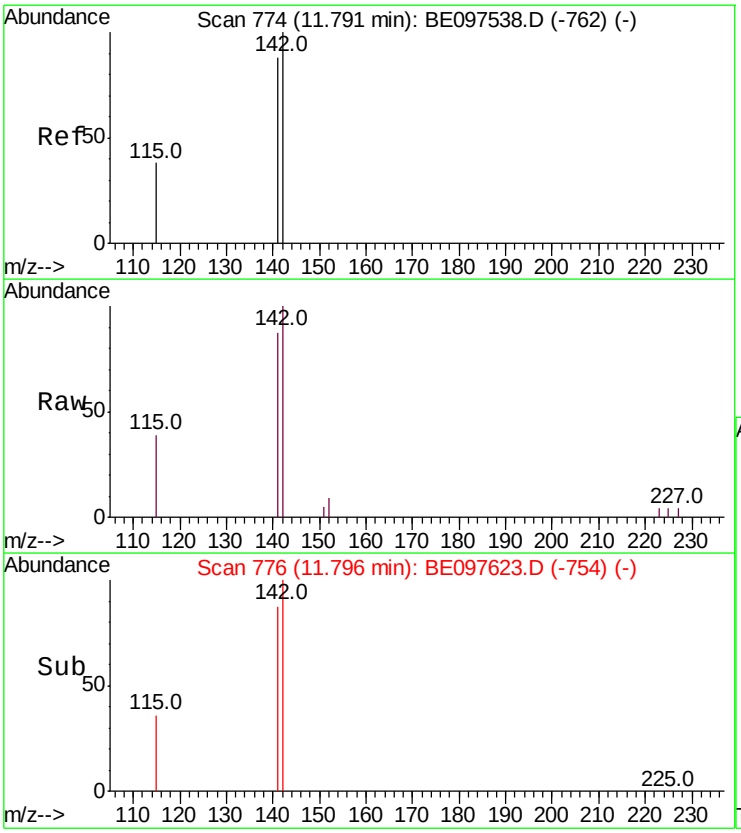

#11
2-Methylnaphthalene-d10
Concen: 0.532 ng
RT: 11.72 min Scan# 760
Delta R.T. 0.00 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

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

Tgt Ion:152 Resp: 3518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 14.3 | 15.4 | 23.0# |

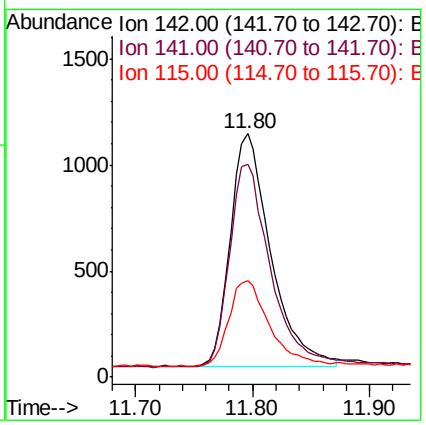


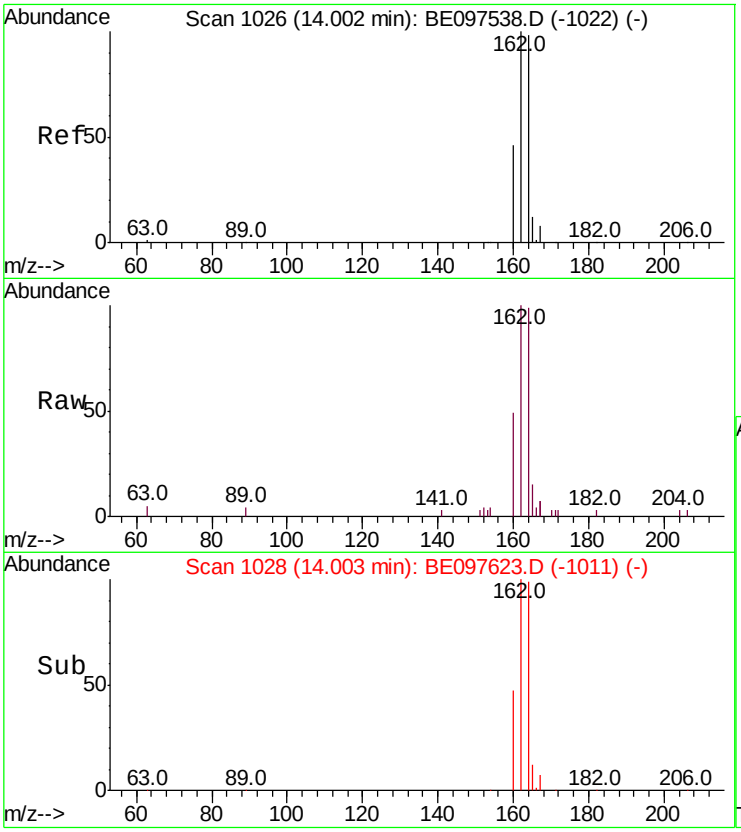




#12
2-Methylnaphthalene
Concen: 0.393 ng
RT: 11.80 min Scan# 776
Delta R.T. 0.00 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

Tgt Ion:142 Resp: 2646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.2 | 70.4 | 105.6 |
| 115 | 39.4 | 31.7 | 47.5 |



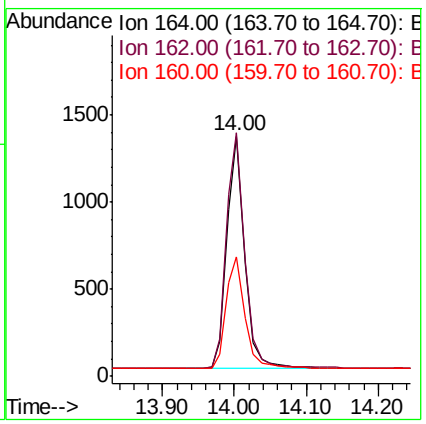


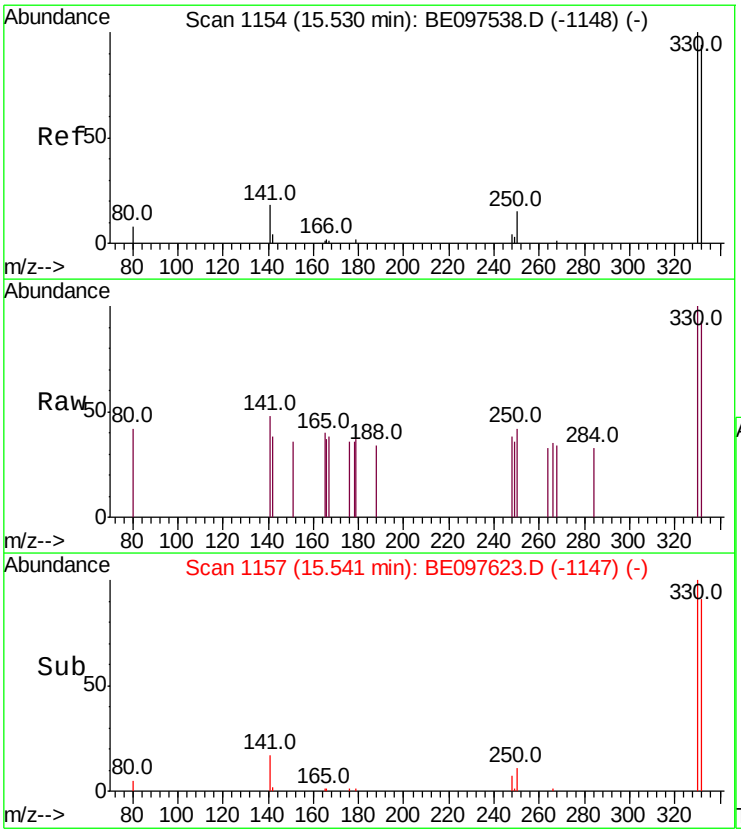

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

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

Tgt Ion:164 Resp: 2294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.3 | 83.1 | 124.7 |
| 160 | 49.6 | 37.1 | 55.7 |

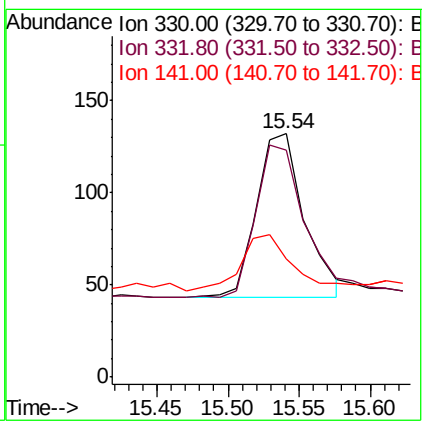


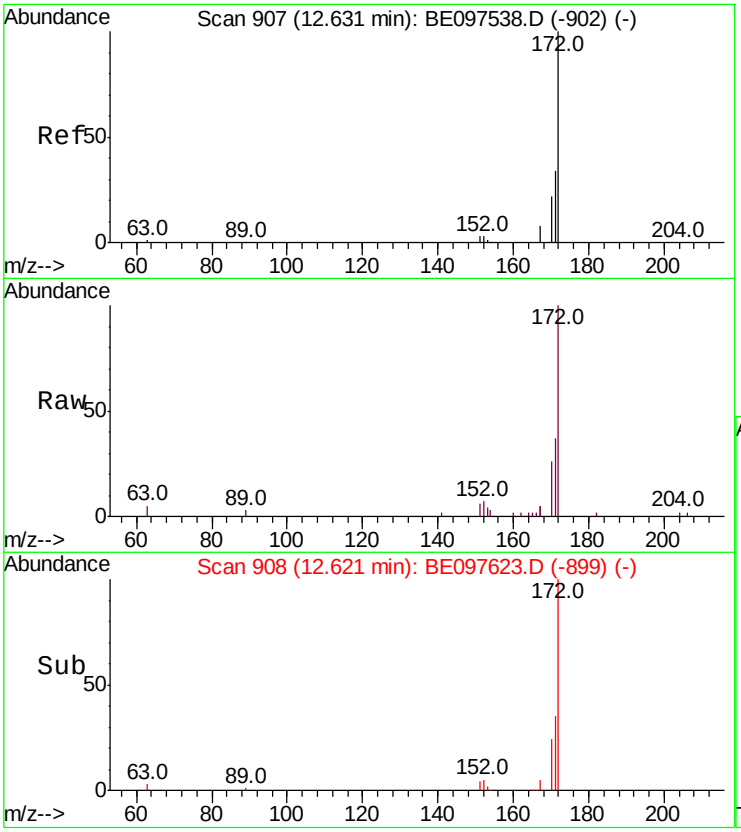




#14
2,4,6-Tribromophenol
Concen: 0.284 ng
RT: 15.54 min Scan# 1157
Delta R.T. 0.02 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

Tgt Ion:330 Resp: 209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.2 | 152.7 | 229.1# |
| 141 | 34.4 | 33.7 | 50.5 |



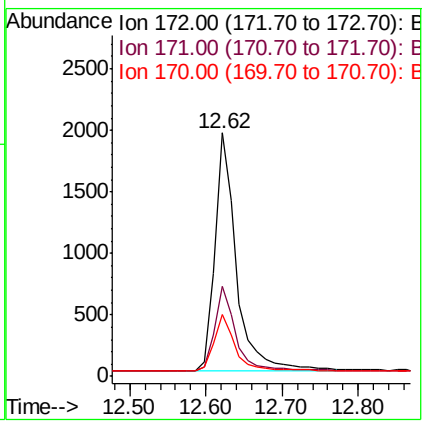


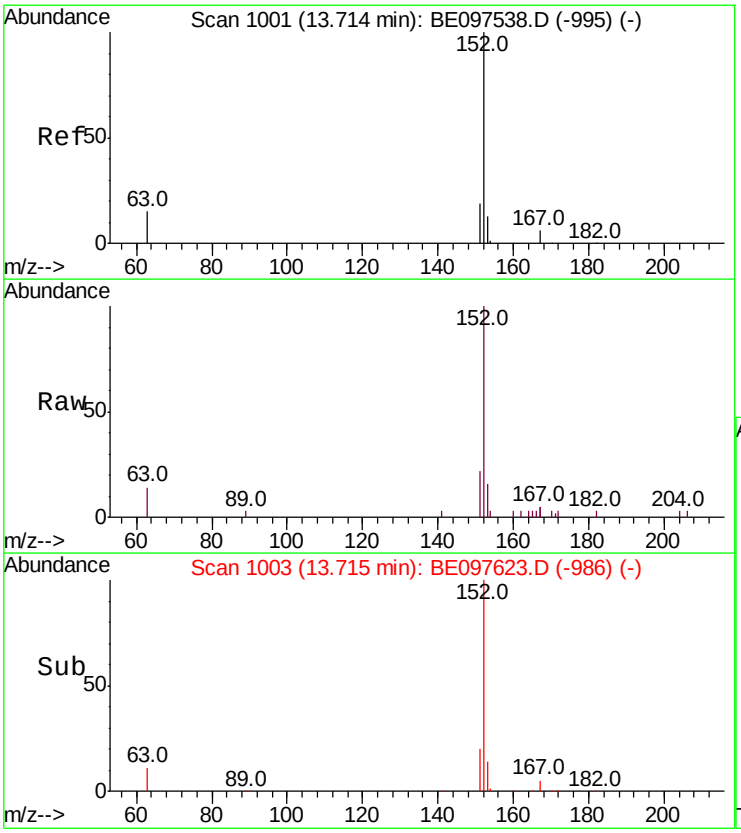

#15
2-Fluorobiphenyl
Concen: 0.468 ng
RT: 12.62 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

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

Tgt Ion:172 Resp: 3791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.9 | 29.9 | 44.9 |
| 170 | 25.5 | 21.8 | 32.8 |

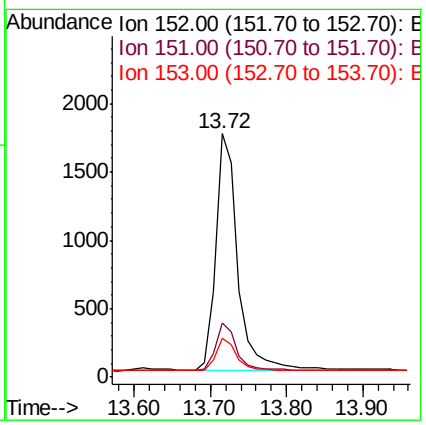


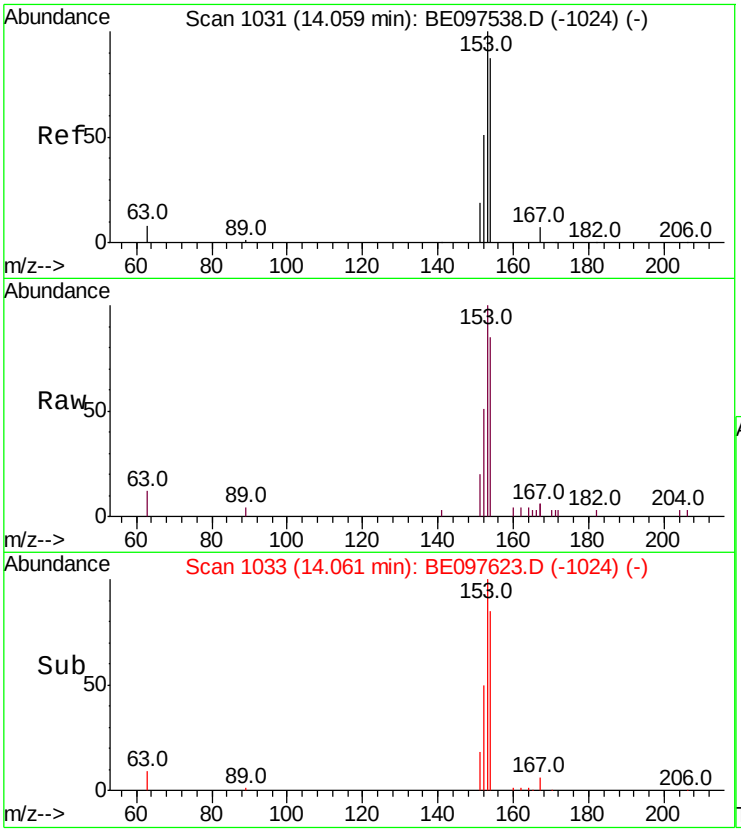




#16
Acenaphthylene
Concen: 0.384 ng
RT: 13.72 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

Tgt Ion:152 Resp: 3484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.7 | 15.7 | 23.5 |
| 153 | 13.3 | 10.5 | 15.7 |



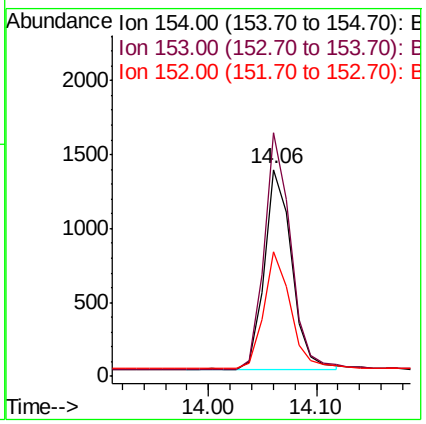


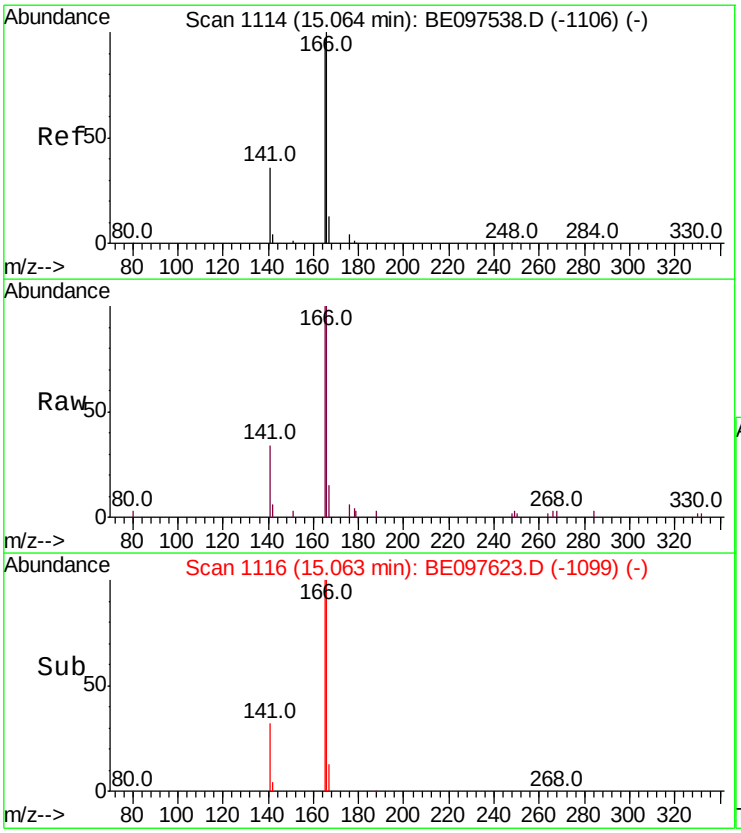

#17
Acenaphthene
Concen: 0.394 ng
RT: 14.06 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

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

Tgt Ion:154 Resp: 2393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.2 | 89.2 | 133.8 |
| 152 | 57.4 | 42.0 | 63.0 |

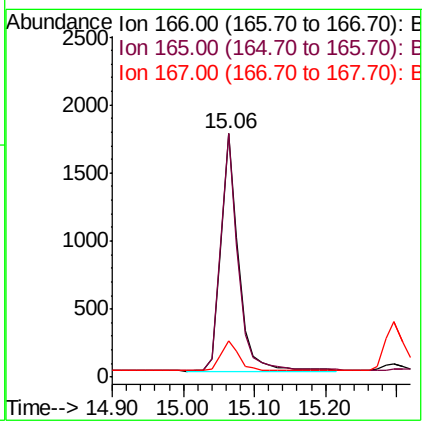


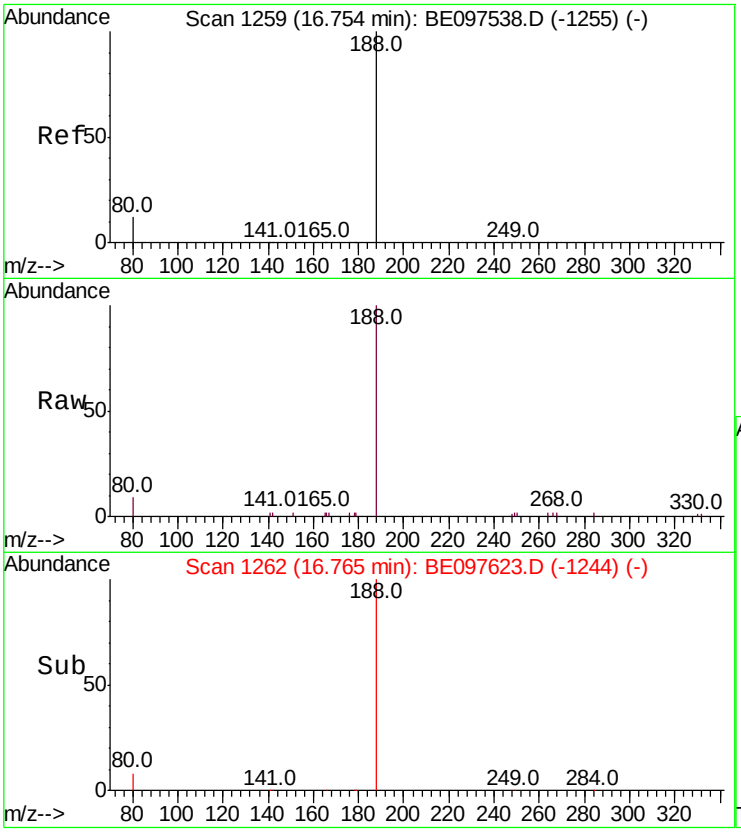




#18
Fluorene
Concen: 0.376 ng
RT: 15.06 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

Tgt Ion:166 Resp: 2980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.5 | 77.8 | 116.6 |
| 167 | 13.1 | 42.4 | 63.6# |



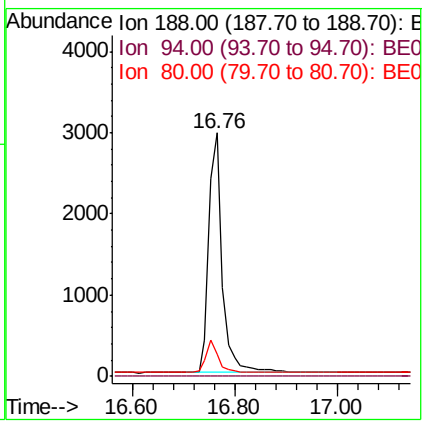


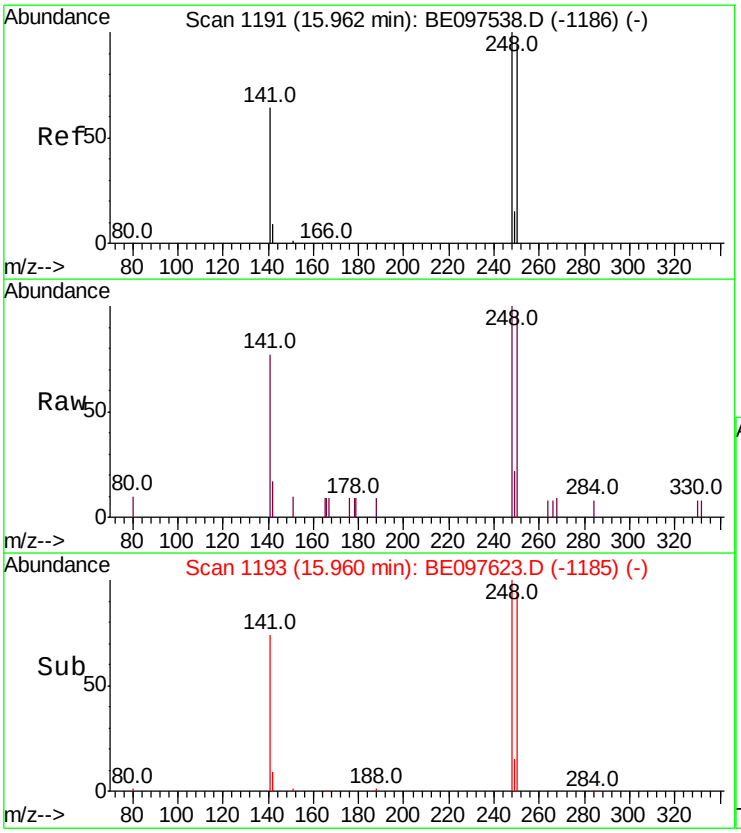

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

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

Tgt Ion:188 Resp: 5429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 3.9 | 5.9# |
| 80 | 9.3 | 3.6 | 5.4# |

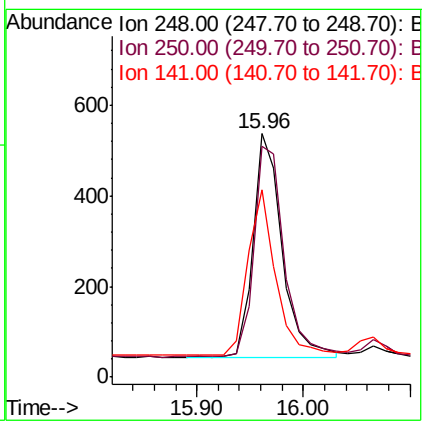


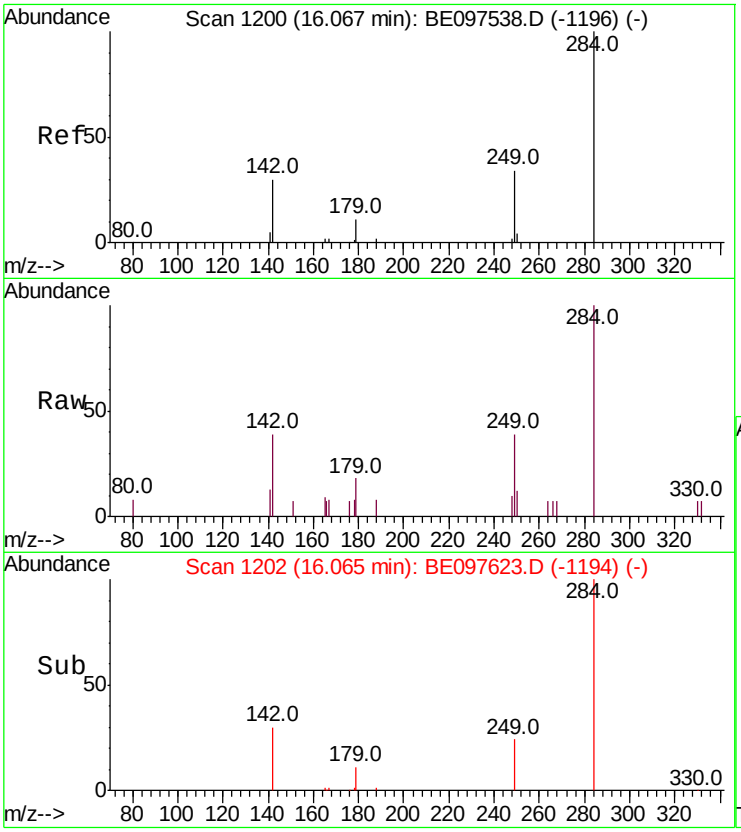




#20
4-Bromophenyl-phenylether
Concen: 0.380 ng
RT: 15.96 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

Tgt Ion:248 Resp: 930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 94.6 | 62.7 | 94.1# |
| 141 | 77.1 | 48.2 | 72.2# |



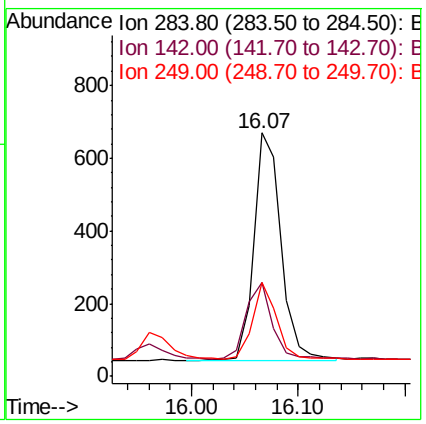


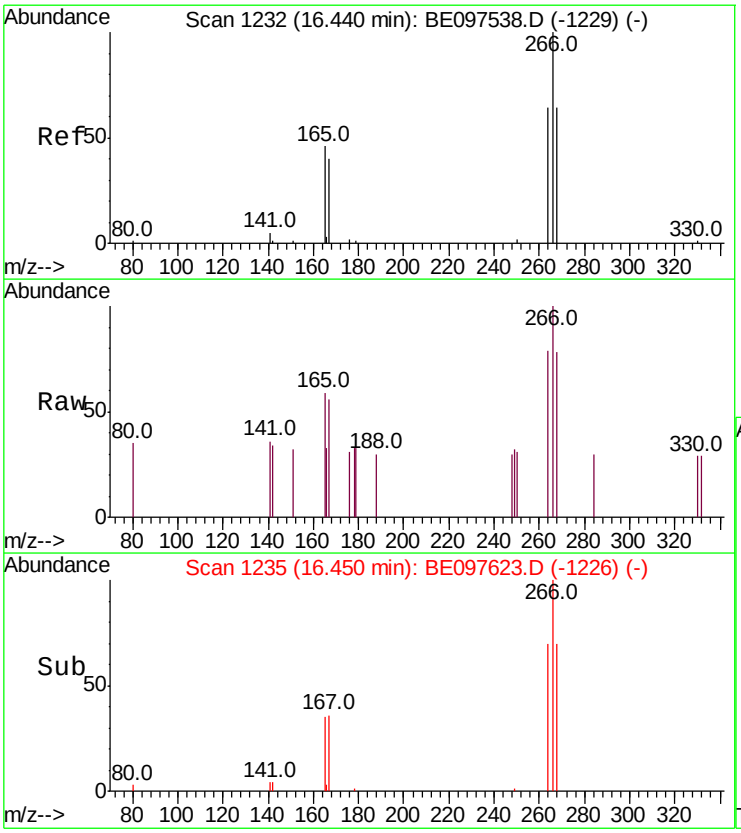

#21
Hexachlorobenzene
Concen: 0.412 ng
RT: 16.07 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

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

Tgt Ion:284 Resp: 1110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 32.2 | 22.1 | 33.1 |
| 249 | 29.8 | 34.8 | 52.2# |

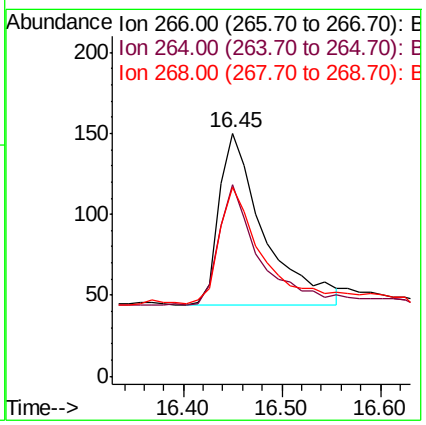


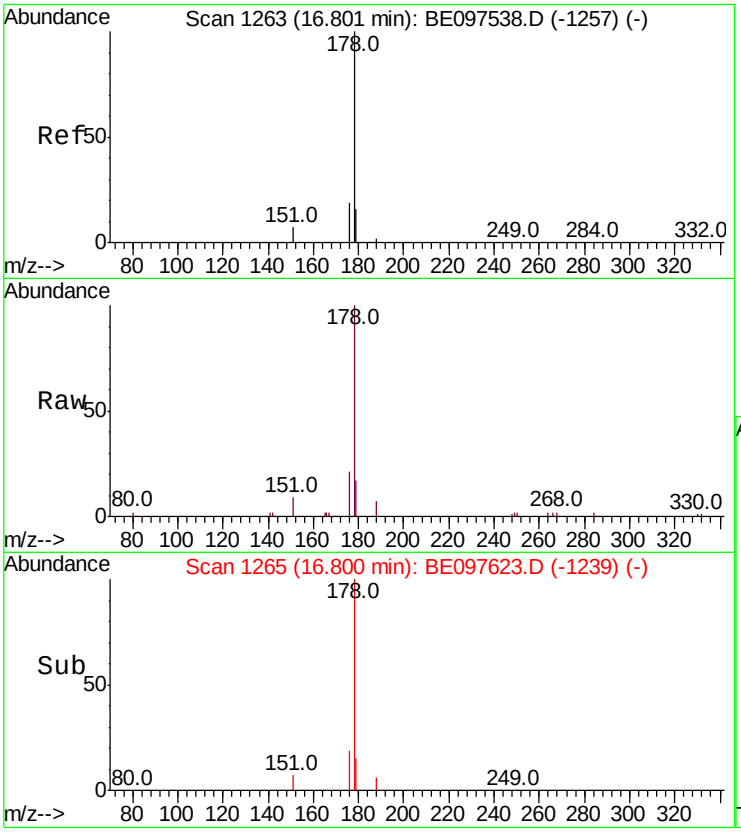




#22
Pentachlorophenol
Concen: 0.408 ng
RT: 16.45 min Scan# 1235
Delta R.T. 0.01 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

Tgt Ion:266 Resp: 336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 78.7 | 72.5 | 108.7 |
| 268 | 78.0 | 73.8 | 110.6 |



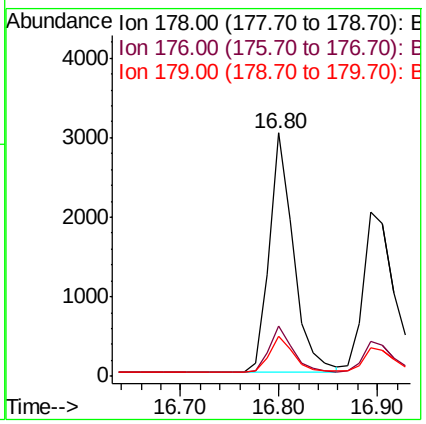


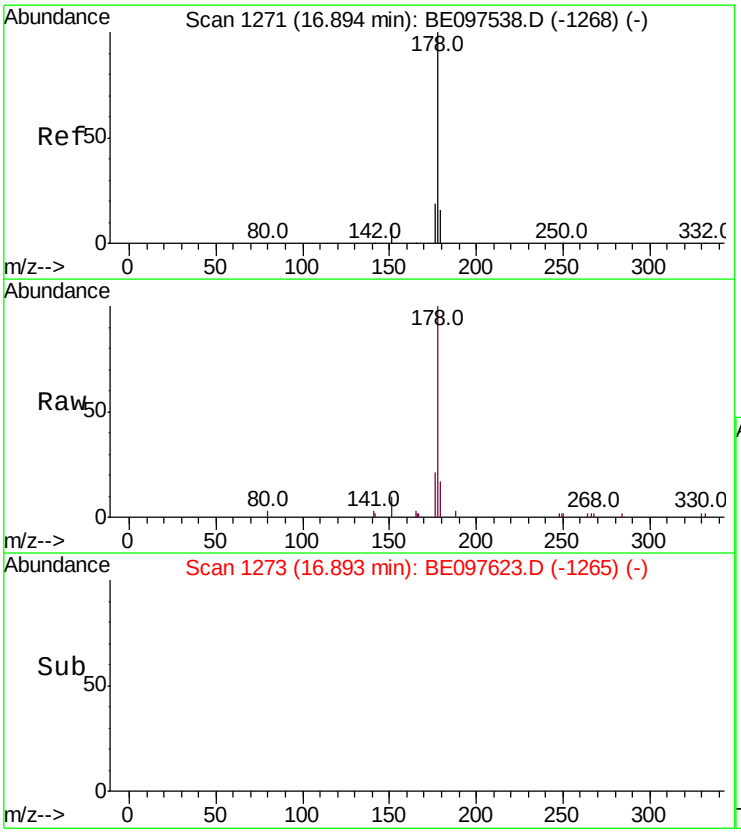

#23
Phenanthrene
Concen: 0.399 ng
RT: 16.80 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

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

Tgt Ion:178 Resp: 5141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 15.1 | 22.7 |
| 179 | 15.3 | 11.8 | 17.6 |

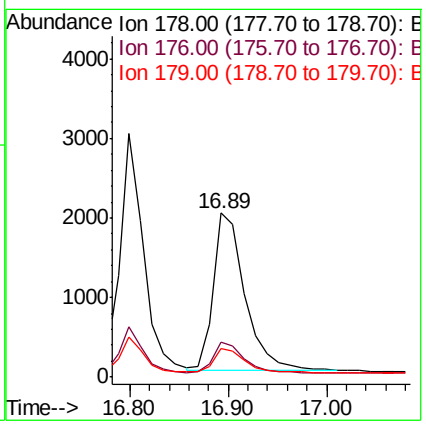


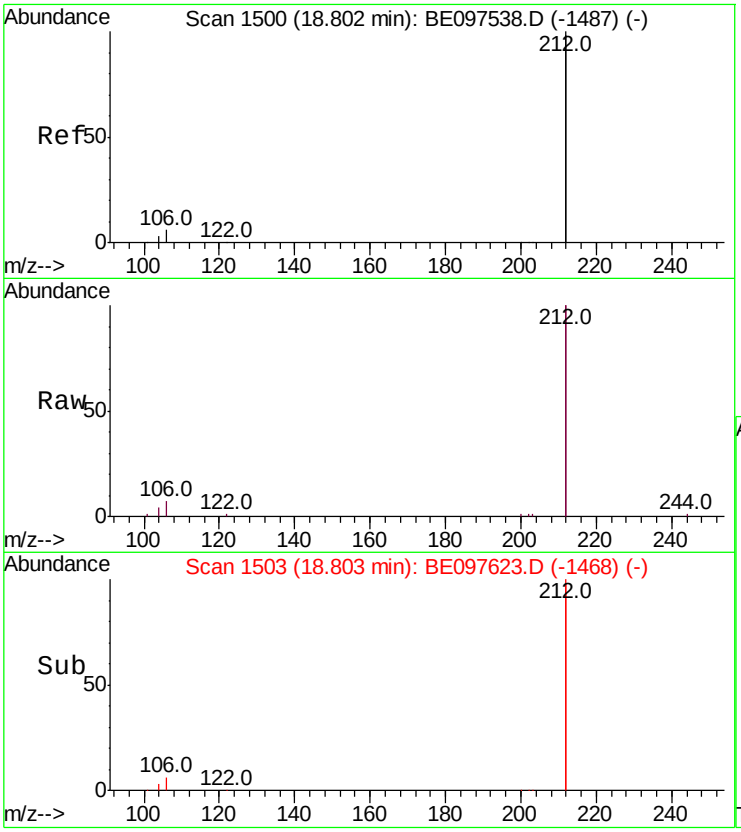




#24
Anthracene
Concen: 0.382 ng
RT: 16.89 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

Tgt Ion:178 Resp: 4351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 12.8 | 19.2 |
| 179 | 14.8 | 13.0 | 19.6 |



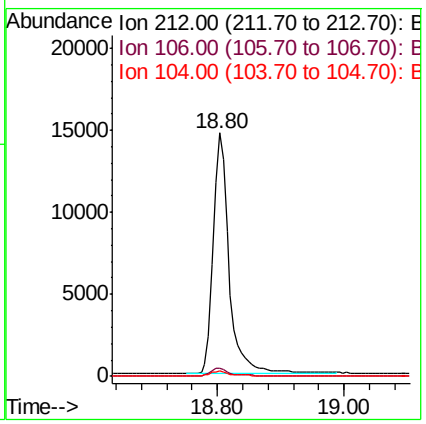


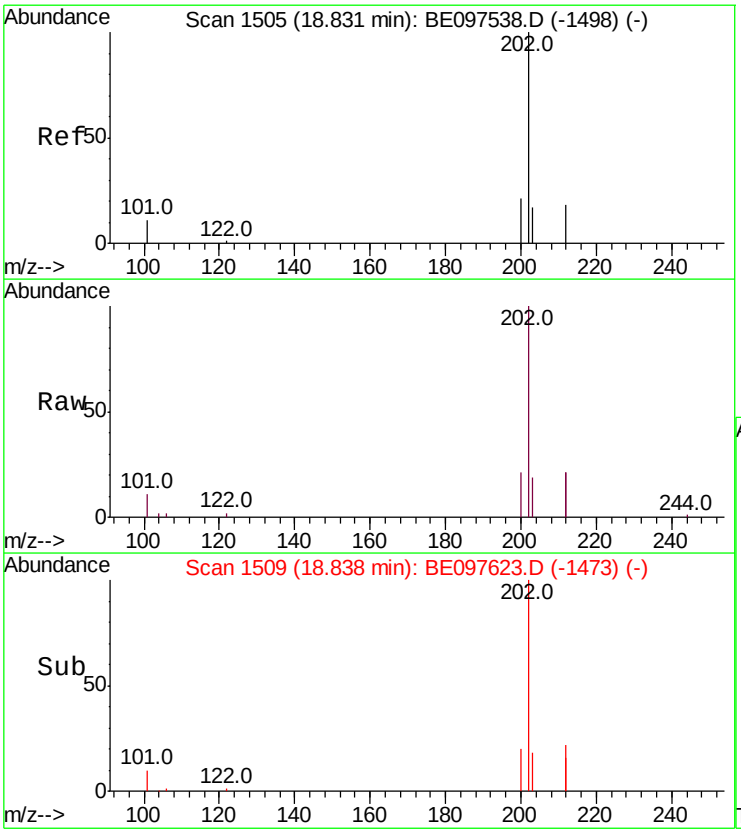

#25
Fluoranthene-d10
Concen: 0.363 ng
RT: 18.80 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

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

Tgt Ion:212 Resp: 25245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 3.2 | 2.8 | 4.2 |
| 104 | 1.8 | 1.6 | 2.4 |

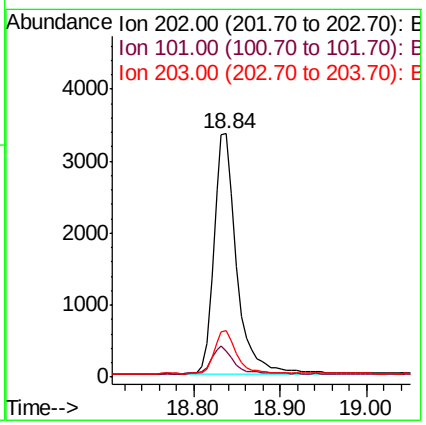


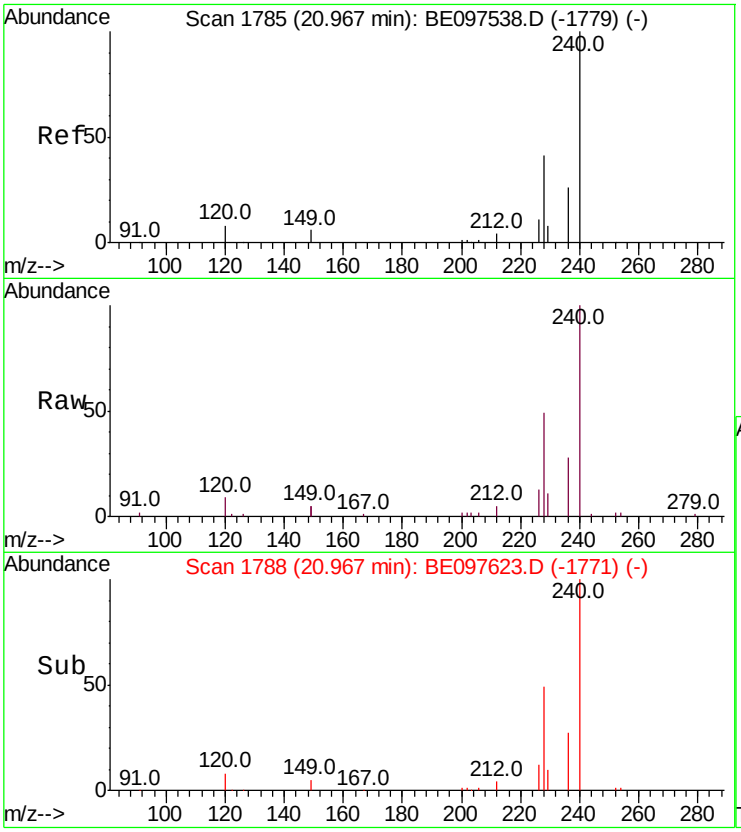




#26
Fluoranthene
Concen: 0.341 ng
RT: 18.84 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

Tgt Ion:202 Resp: 6102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.4 | 9.8 | 14.8 |
| 203 | 17.3 | 13.7 | 20.5 |



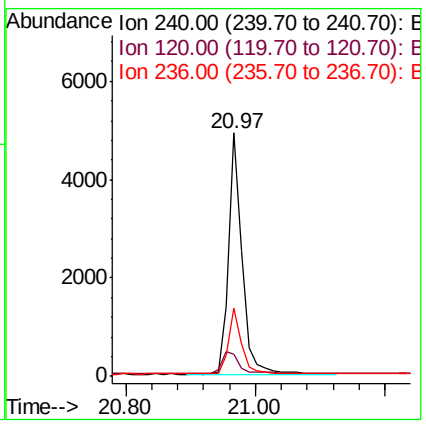


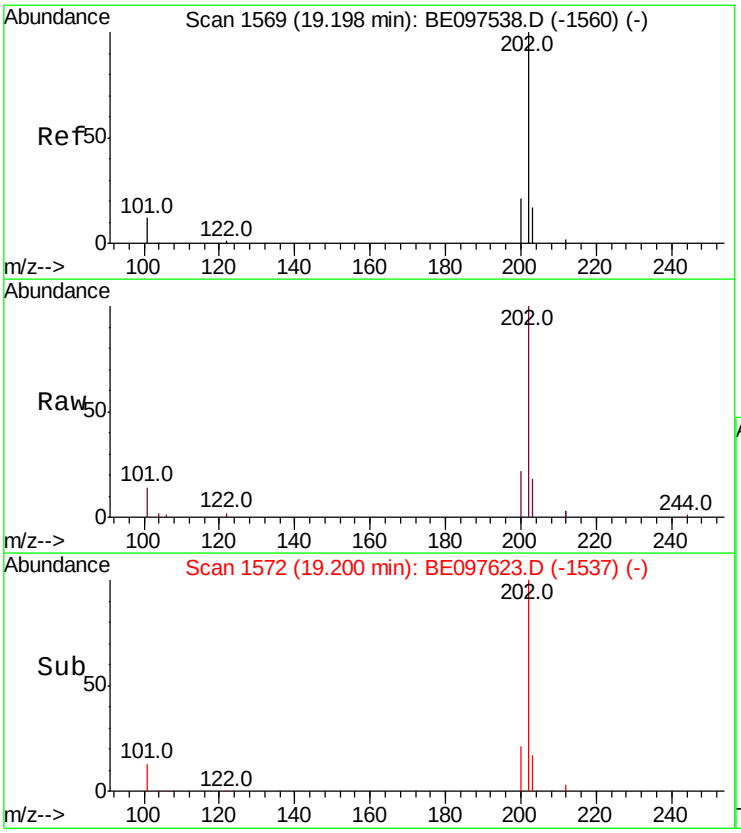

#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

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

Tgt Ion:240 Resp: 7226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.9 | 5.5 | 8.3# |
| 236 | 28.0 | 20.7 | 31.1 |

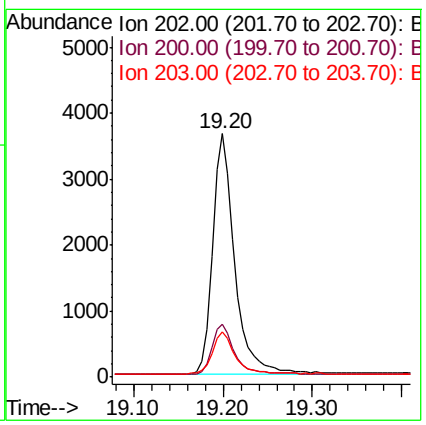


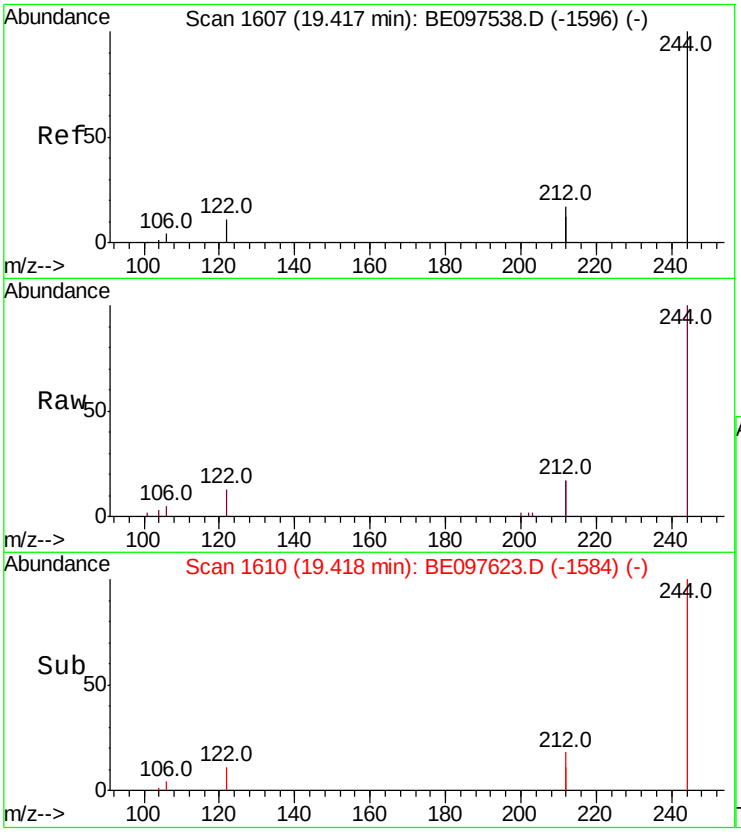




#28
Pyrene
Concen: 0.375 ng
RT: 19.20 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

Tgt Ion:202 Resp: 6170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.1 | 16.6 | 25.0 |
| 203 | 17.7 | 13.8 | 20.8 |



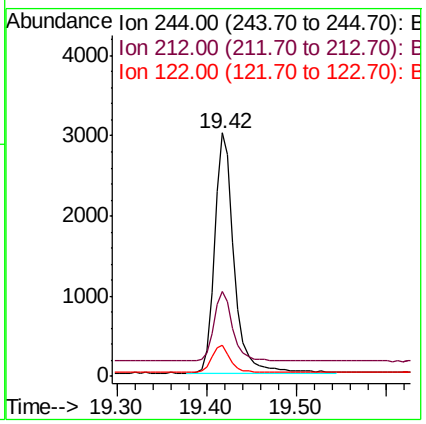


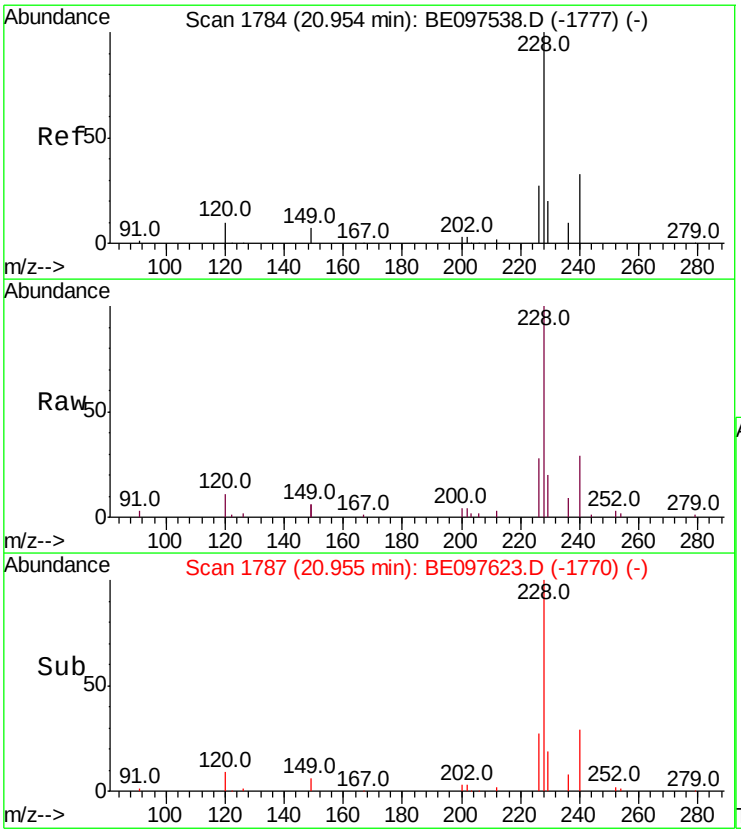

#29
Terphenyl-d14
Concen: 0.337 ng
RT: 19.42 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

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

Tgt Ion:244 Resp: 4461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 34.9 | 25.4 | 38.0 |
| 122 | 12.6 | 8.1 | 12.1# |

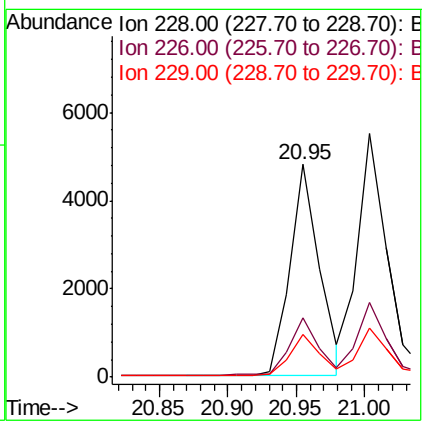


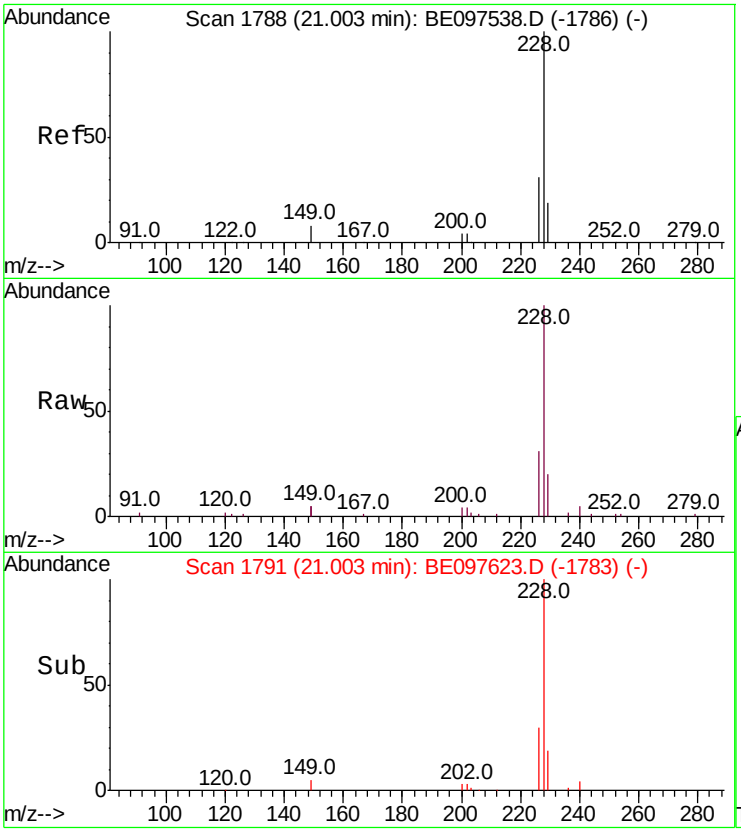




#30
Benzo(a)anthracene
Concen: 0.390 ng
RT: 20.95 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

Tgt Ion:228 Resp: 7101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.1 | 24.0 | 36.0 |
| 229 | 20.1 | 16.0 | 24.0 |



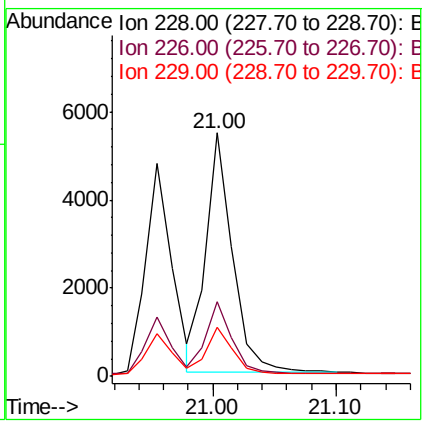


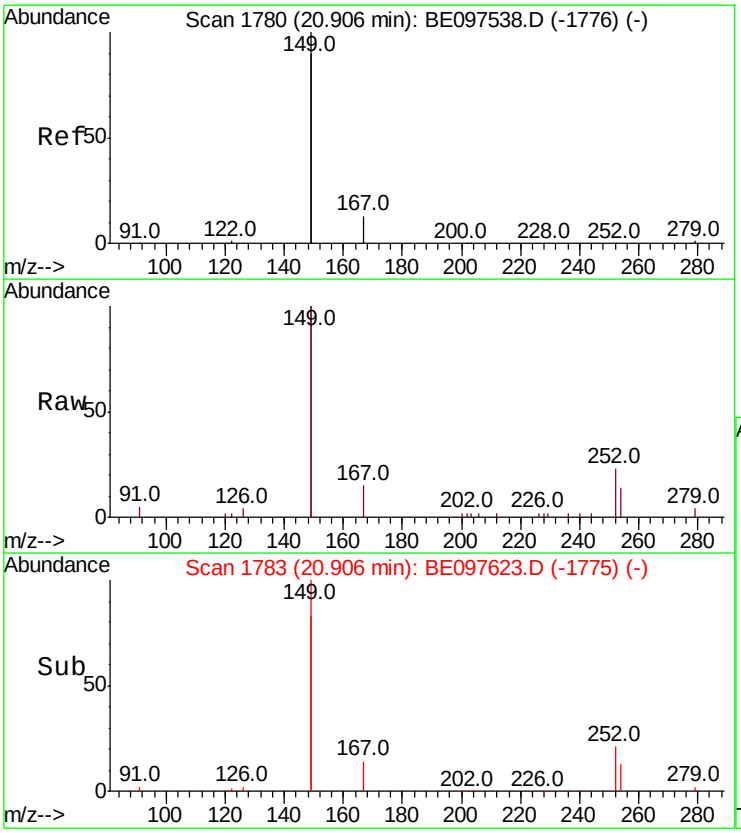

#31
Chrysene
Concen: 0.417 ng
RT: 21.00 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

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

Tgt Ion:228 Resp: 8133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.7 | 24.0 | 36.0 |
| 229 | 20.0 | 16.0 | 24.0 |

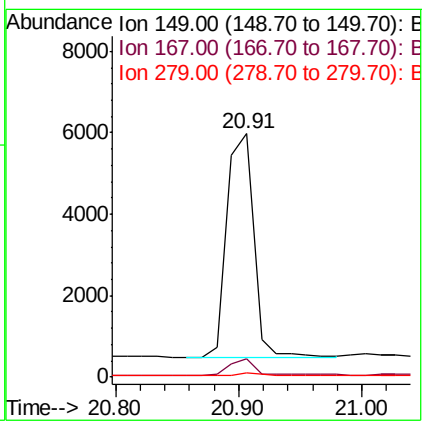


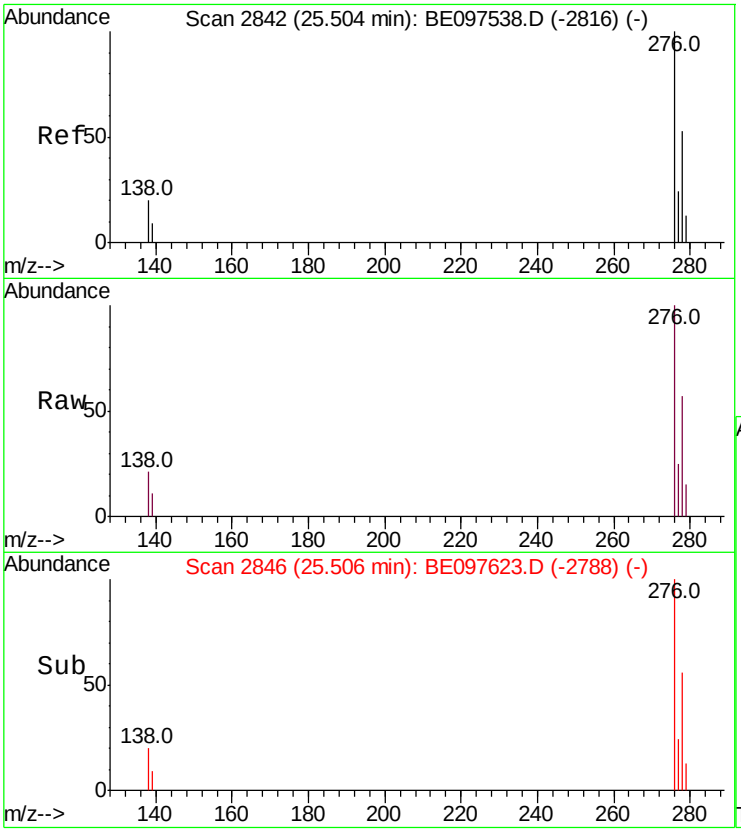




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.286 ng
RT: 20.91 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

Tgt Ion:149 Resp: 8413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 6.9 | 5.4 | 8.0 |
| 279 | 1.1 | 0.7 | 1.1# |



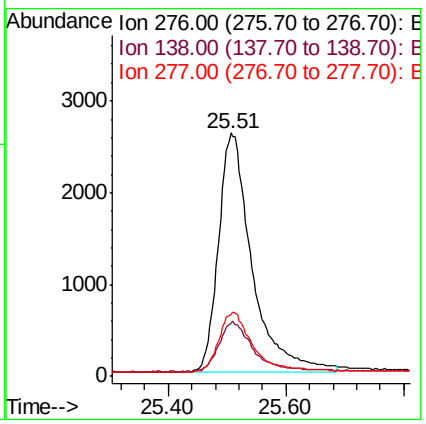


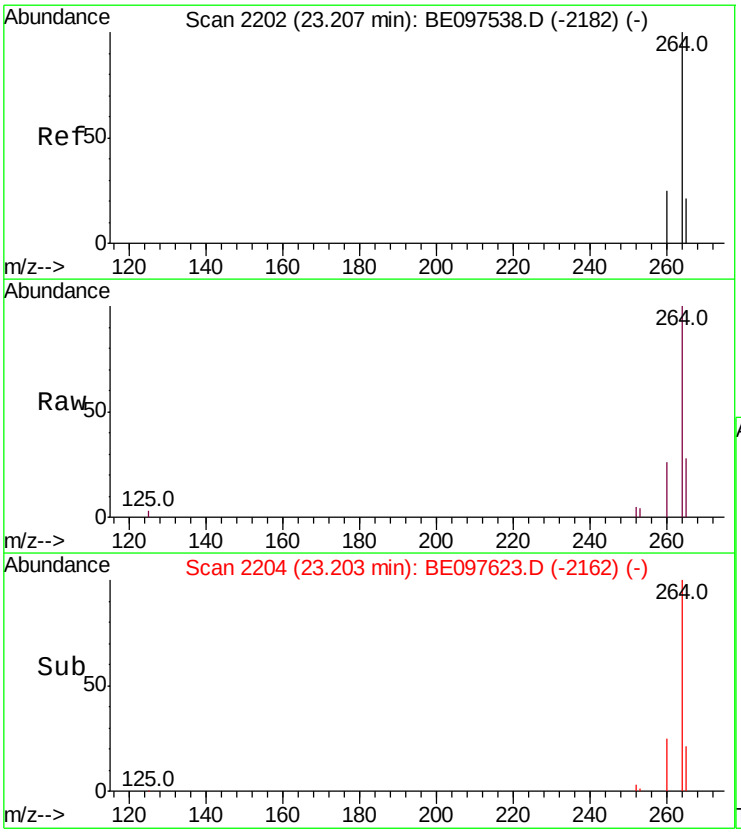

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.438 ng
RT: 25.51 min Scan# 2846
Delta R.T. 0.01 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

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

Tgt Ion:276 Resp: 10286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 21.3 | 22.5 | 33.7# |
| 277 | 25.0 | 19.9 | 29.9 |

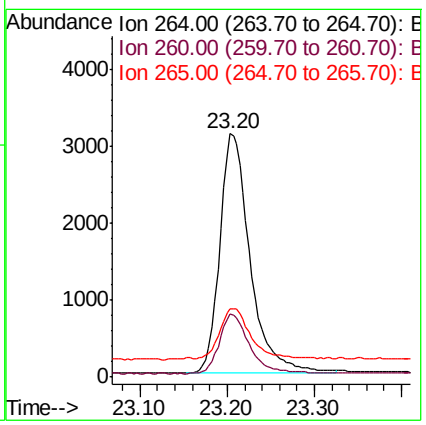


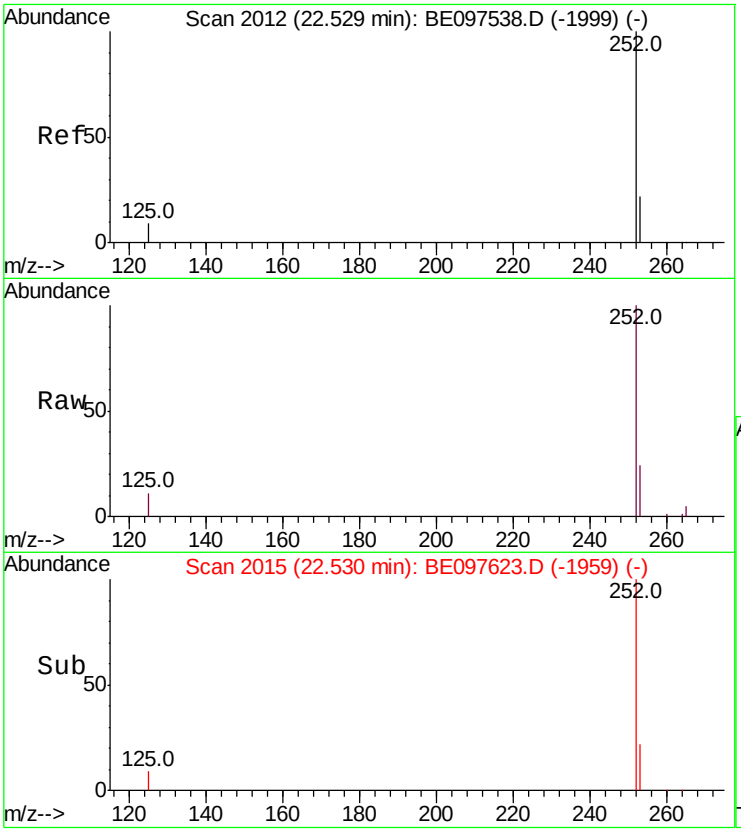




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

Tgt Ion:264 Resp: 7546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 26.0 | 20.5 | 30.7 |
| 265 | 28.1 | 22.8 | 34.2 |



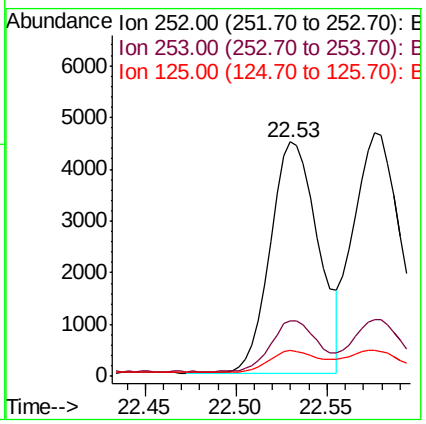


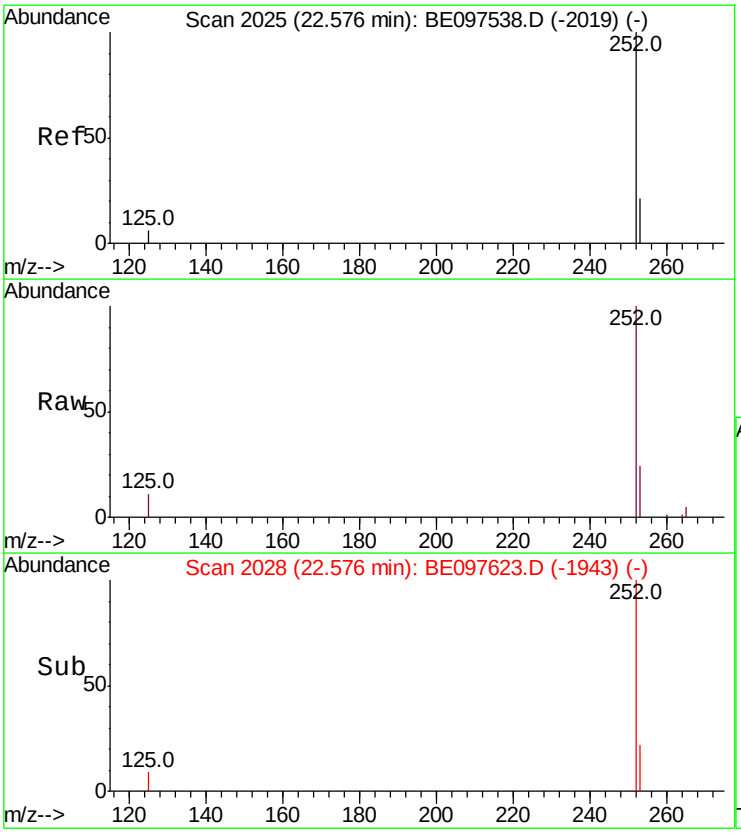

#35
Benzo(b)fluoranthene
Concen: 0.420 ng
RT: 22.53 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

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

Tgt Ion:252 Resp: 8123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.9 | 20.0 | 30.0 |
| 125 | 10.9 | 16.0 | 24.0# |

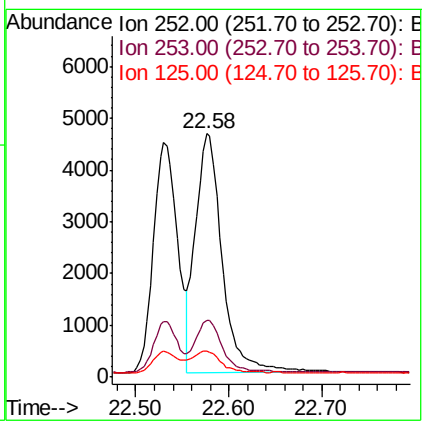


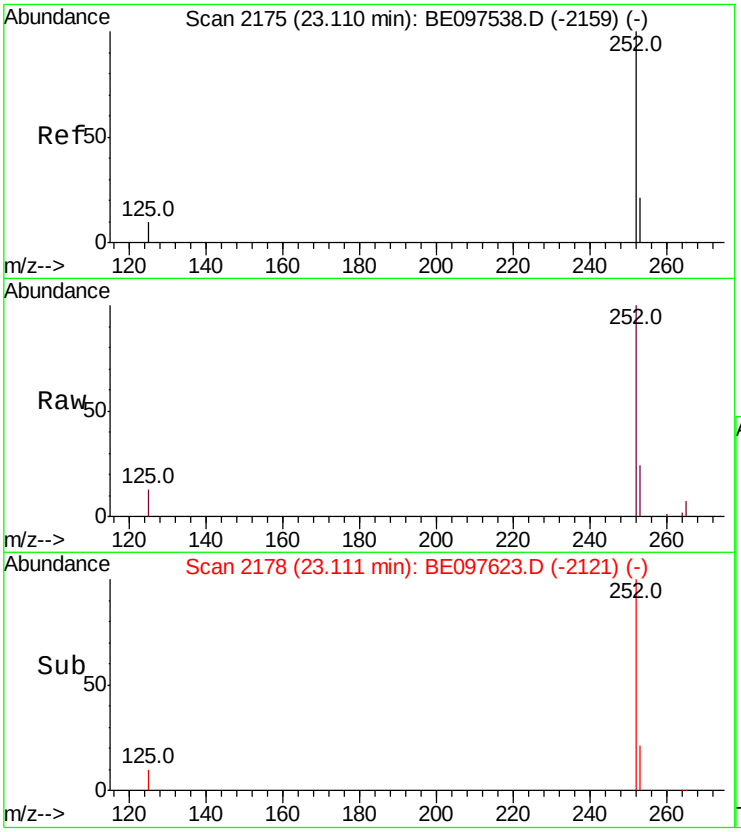




#36
Benzo(k)fluoranthene
Concen: 0.414 ng
RT: 22.58 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

Tgt Ion:252 Resp: 9151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.5 | 16.0 | 24.0 |
| 125 | 10.9 | 8.0 | 12.0 |



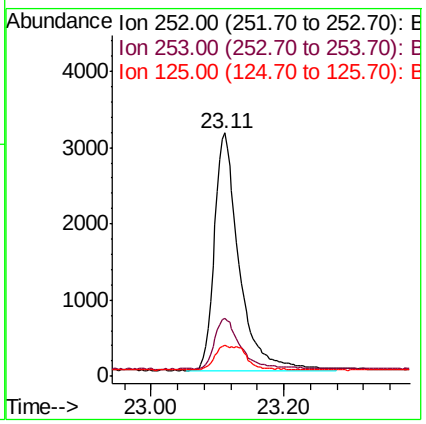


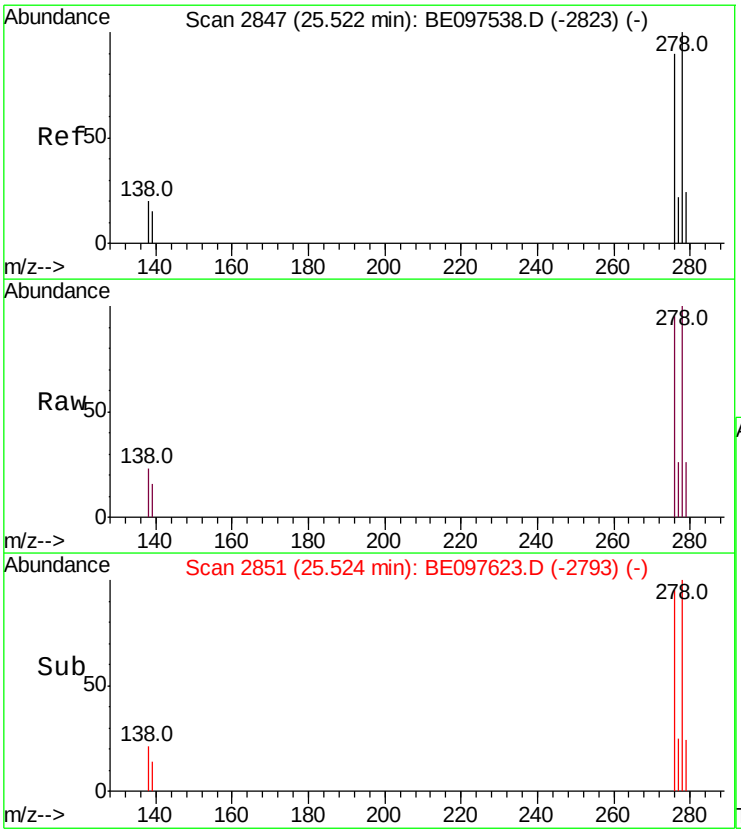

#37
Benzo(a)pyrene
Concen: 0.430 ng
RT: 23.11 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

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

Tgt Ion:252 Resp: 8080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.7 | 16.0 | 24.0 |
| 125 | 12.7 | 12.0 | 18.0 |

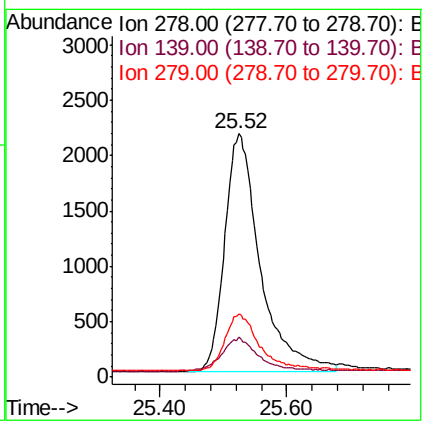


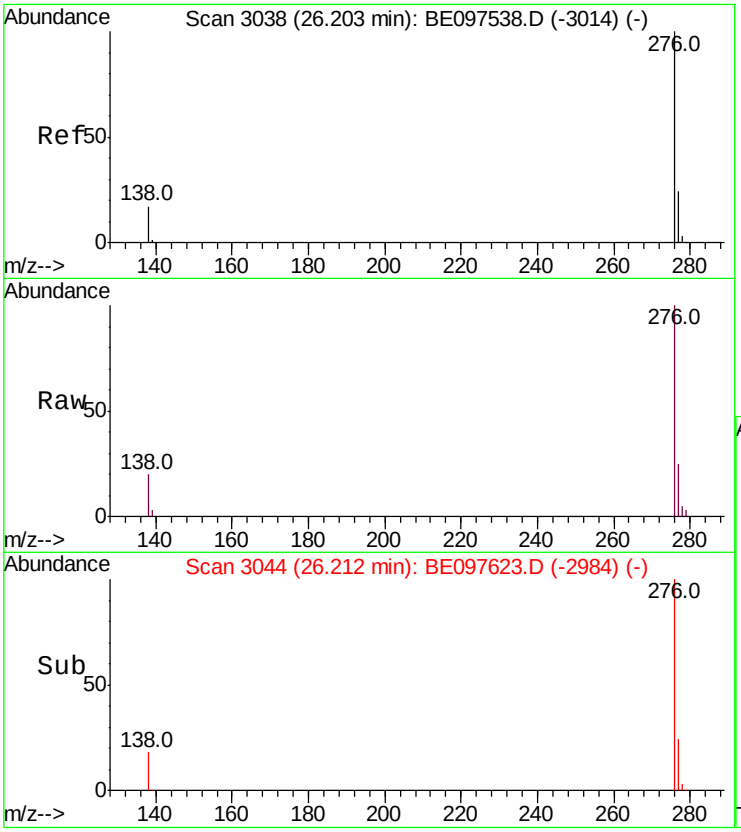




#38
Dibenzo(a,h)anthracene
Concen: 0.416 ng
RT: 25.52 min Scan# 2851
Delta R.T. 0.01 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

Tgt Ion:278 Resp: 8440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.2 | 16.0 | 24.0 |
| 279 | 25.8 | 20.0 | 30.0 |






#39
Benzo(g,h,i)perylene
Concen: 0.436 ng
RT: 26.21 min Scan# 3044
Delta R.T. 0.01 min
Lab File: BE097623.D
Acq: 21 Sep 2018 22:12

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

Tgt Ion:276 Resp: 8604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 25.5 | 16.0 | 24.0# |
| 138 | 20.2 | 20.0 | 30.0 |