Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091018\
Data File : BE097441.D
Acq On : 10 Sep 2018 9:32
Operator : SJ/JU
Sample : PB112668BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Sep 10 10:48:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 18:07:26 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.38 | 152 | 2271 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.13 | 136 | 9601 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.00 | 164 | 4675 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 16.76 | 188 | 11026 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 20.97 | 240 | 15117 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.20 | 264 | 16463 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.05 | 112 | 1417 | 0.21 | ng | | 0.00 |
| 5) Phenol-d6 | 6.60 | 99 | 1735 | 0.19 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.52 | 82 | 1465 | 0.21 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.72 | 152 | 3732 | 0.28 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.52 | 330 | 282 | 0.18 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.62 | 172 | 3517 | 0.20 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 18.80 | 212 | 23361 | 0.18 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.42 | 244 | 4043 | 0.14 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.10 | 88 | 627 | 0.155 | ng | # | 65 |
| 3) n-Nitrosodimethylamine | 3.38 | 42 | 699 | 0.185 | ng | # | 91 |
| 6) bis(2-Chloroethyl)ether | 6.83 | 93 | 1393 | 0.169 | ng | | 87 |
| 9) Naphthalene | 10.17 | 128 | 17349 | 0.199 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.47 | 225 | 734 | 0.188 | ng | | 97 |
| 12) 2-Methylnaphthalene | 11.79 | 142 | 2704 | 0.196 | ng | | 100 |
| 16) Acenaphthylene | 13.72 | 152 | 3577 | 0.192 | ng | | 99 |
| 17) Acenaphthene | 14.07 | 154 | 2341 | 0.189 | ng | | 97 |
| 18) Fluorene | 15.07 | 166 | 2869 | 0.183 | ng | # | 79 |
| 20) 4-Bromophenyl-phenylether | 15.96 | 248 | 904 | 0.180 | ng | # | 82 |
| 21) Hexachlorobenzene | 16.07 | 284 | 1049 | 0.189 | ng | # | 84 |
| 22) Pentachlorophenol | 16.43 | 266 | 525 | 0.446 | ng | # | 78 |
| 23) Phenanthrene | 16.80 | 178 | 5101 | 0.194 | ng | | 99 |
| 24) Anthracene | 16.89 | 178 | 4468 | 0.200 | ng | | 96 |
| 26) Fluoranthene | 18.83 | 202 | 5984 | 0.182 | ng | | 98 |
| 28) Pyrene | 19.19 | 202 | 6131 | 0.170 | ng | | 99 |
| 30) Benzo(a)anthracene | 20.96 | 228 | 7794 | 0.204 | ng | | 95 |
| 31) Chrysene | 21.00 | 228 | 7817 | 0.190 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 20.91 | 149 | 11189 | 0.292 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 25.49 | 276 | 10223 | 0.153 | ng | # | 93 |
| 35) Benzo(b)fluoranthene | 22.53 | 252 | 8303 | 0.197 | ng | # | 89 |
| 36) Benzo(k)fluoranthene | 22.53 | 252 | 8303 | 0.182 | ng | | 95 |
| 37) Benzo(a)pyrene | 23.10 | 252 | 8160 | 0.192 | ng | # | 91 |
| 38) Dibenzo(a,h)anthracene | 25.51 | 278 | 8485 | 0.149 | ng | | 96 |
| 39) Benzo(g,h,i)perylene | 26.19 | 276 | 8522 | 0.133 | ng | # | 89 |

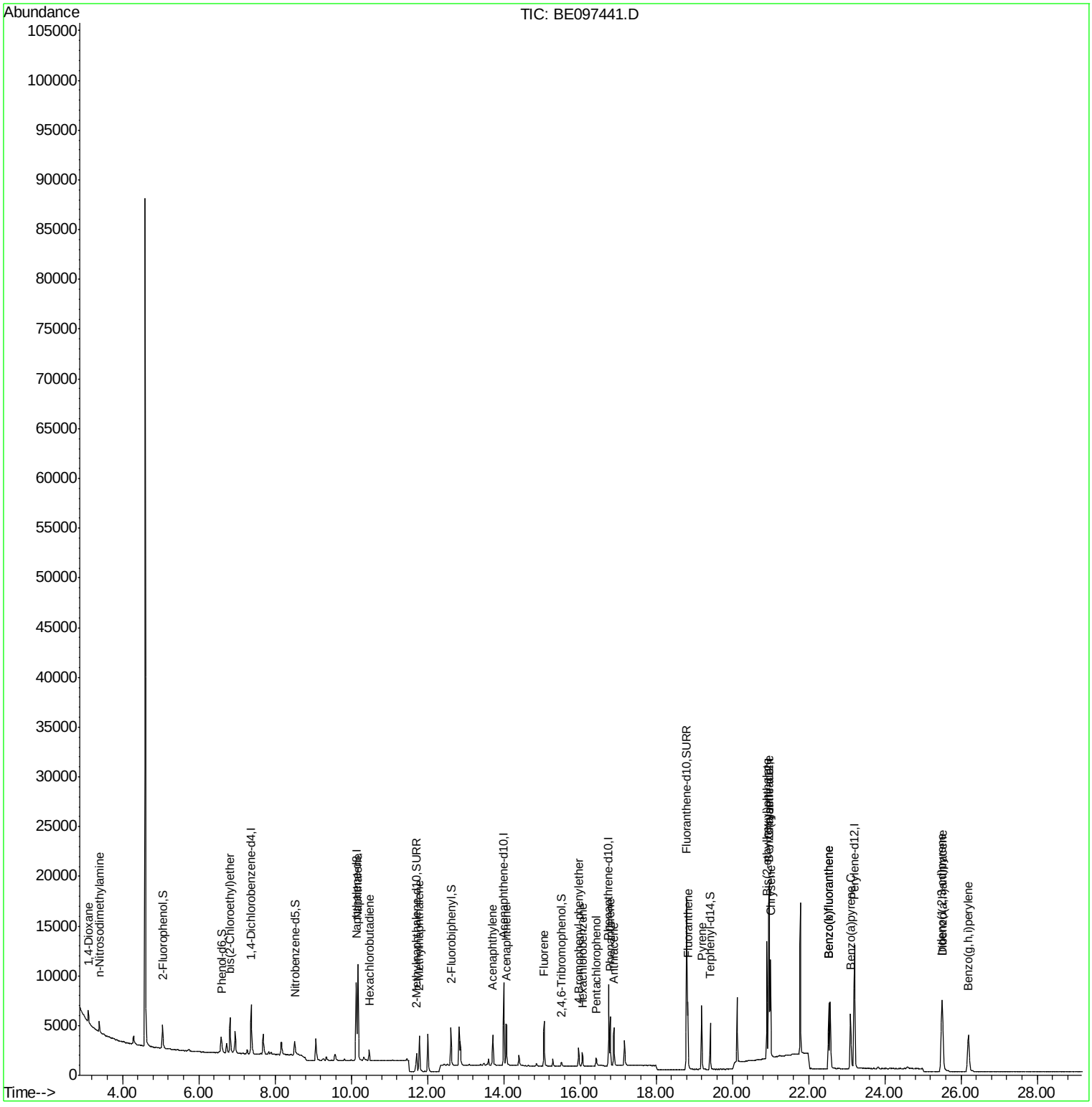
(#) = qualifier out of range (m) = manual integration (+) = signals summed

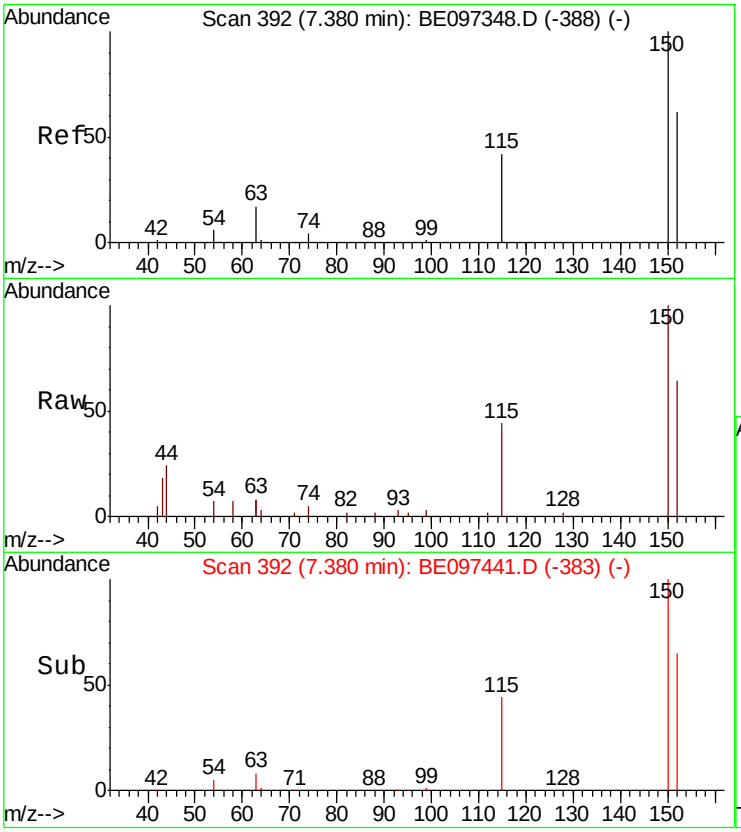
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091018\
Data File : BE097441.D
Acq On : 10 Sep 2018 9:32
Operator : SJ/JU
Sample : PB112668BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Sep 10 10:48:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 18:07:26 2018
Response via : Initial Calibration



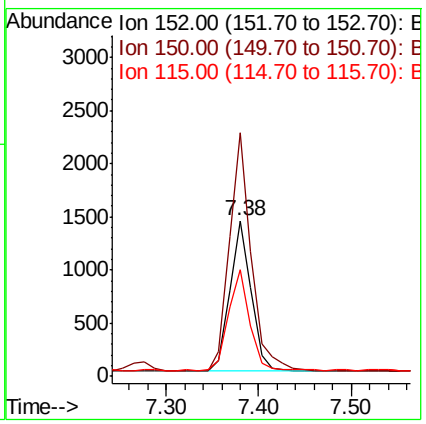


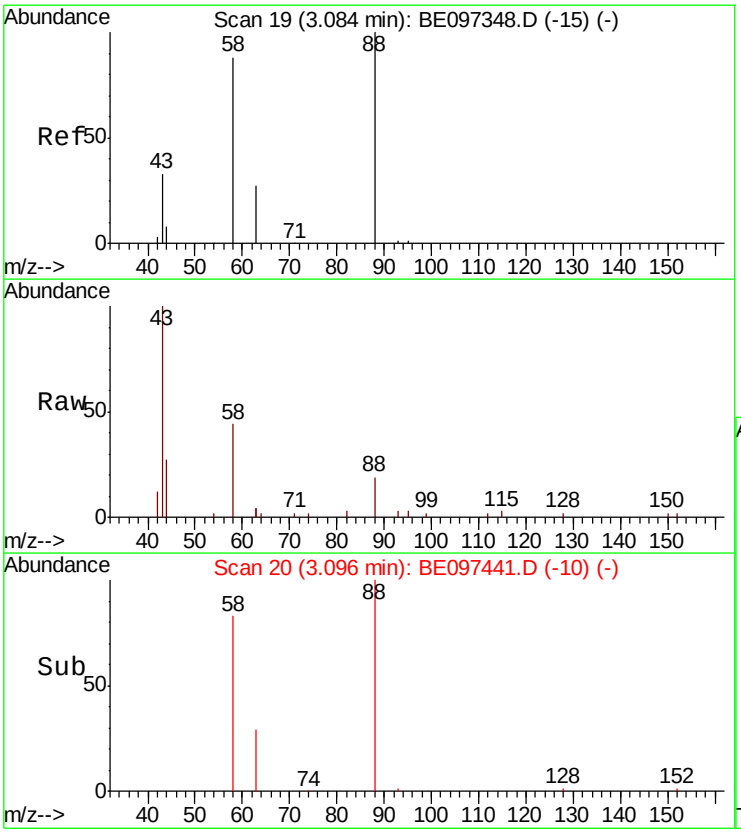

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

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

Tgt Ion:152 Resp: 2271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.8 | 117.2 | 175.8 |
| 115 | 68.7 | 57.0 | 85.6 |

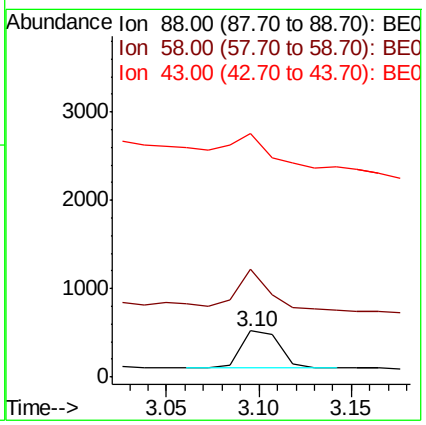


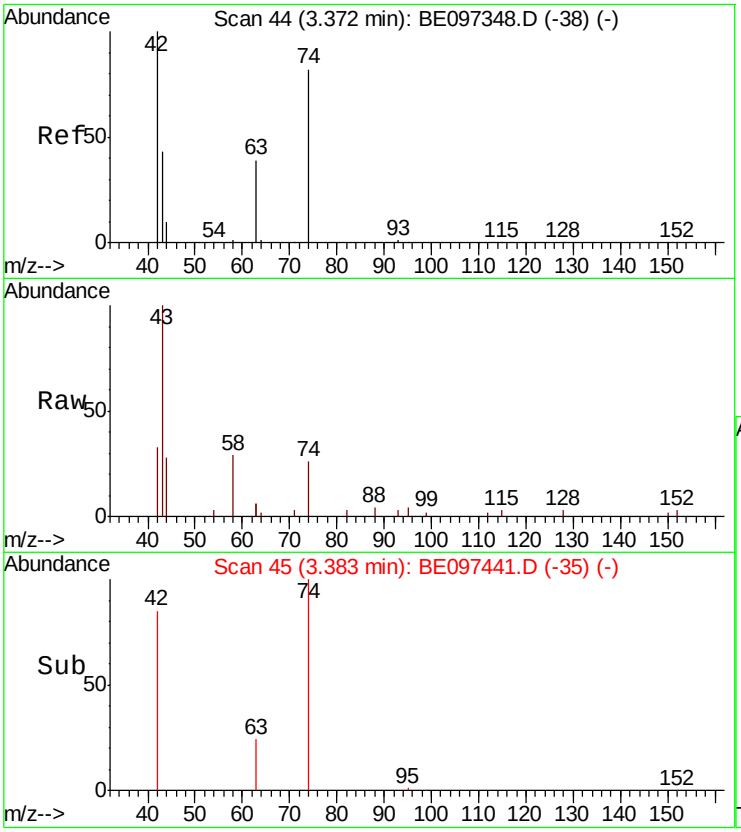




#2
1,4-Dioxane
Concen: 0.155 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.01 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

Tgt Ion: 88 Resp: 627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 87.9 | 63.2 | 94.8 |
| 43 | 0.0 | 41.2 | 61.8# |



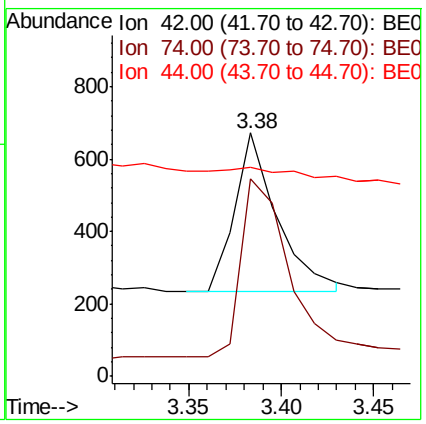


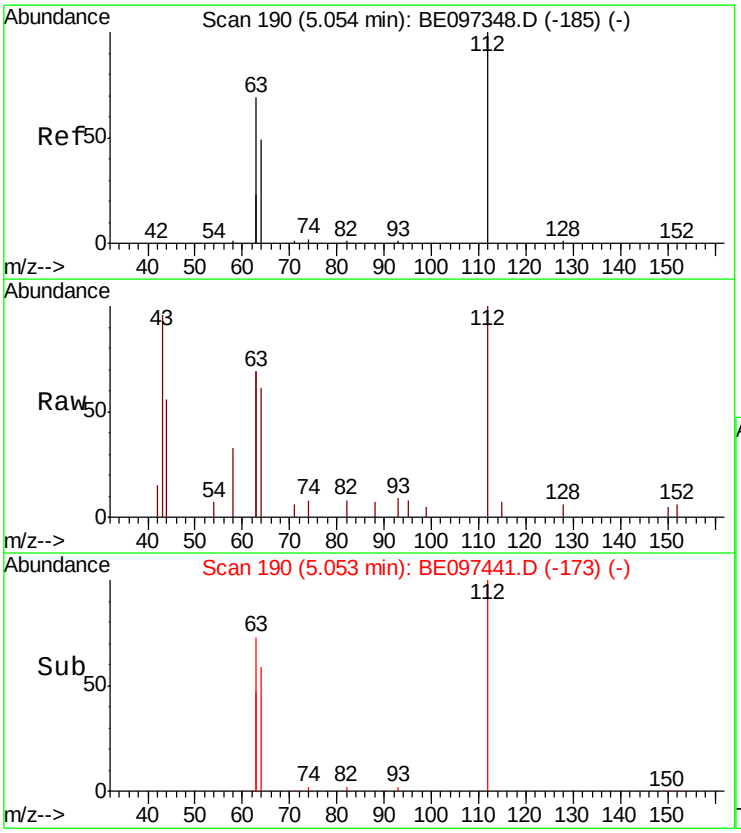

#3
n-Nitrosodimethylamine
Concen: 0.185 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

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

Tgt Ion: 42 Resp: 699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 126.3 | 96.0 | 144.0 |
| 44 | 0.0 | 12.0 | 18.0# |

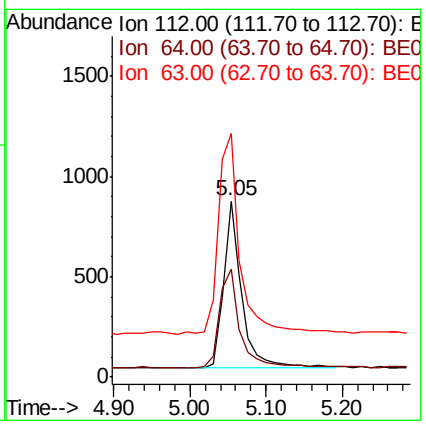


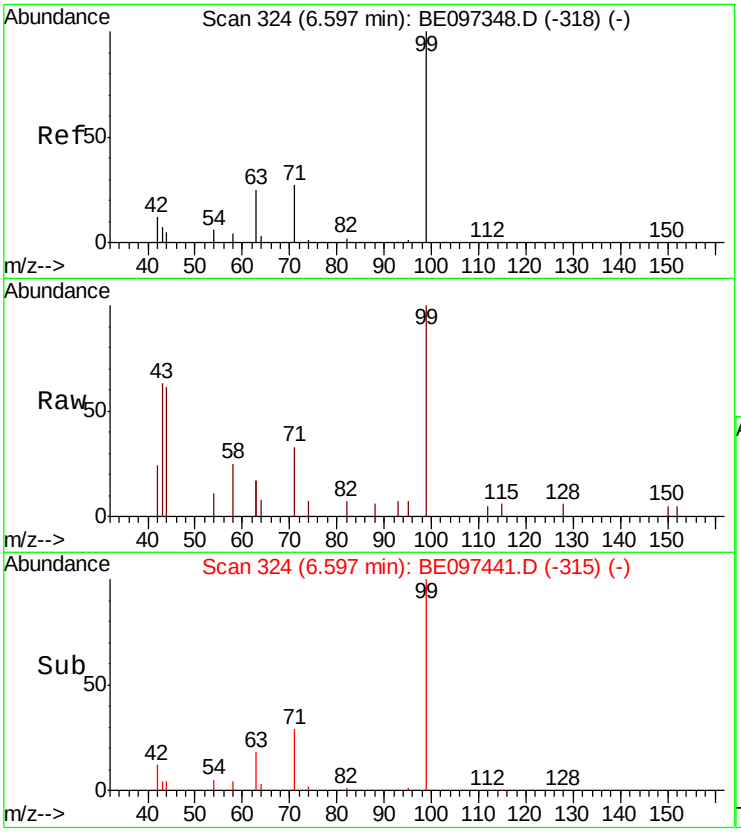




#4
2-Fluorophenol
Concen: 0.211 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

Tgt Ion:112 Resp: 1417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 67.0 | 60.1 | 90.1 |
| 63 | 144.5 | 116.8 | 175.2 |



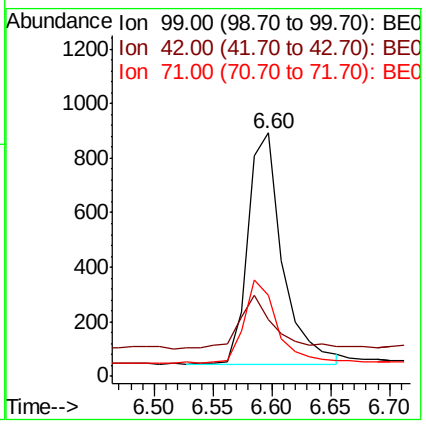


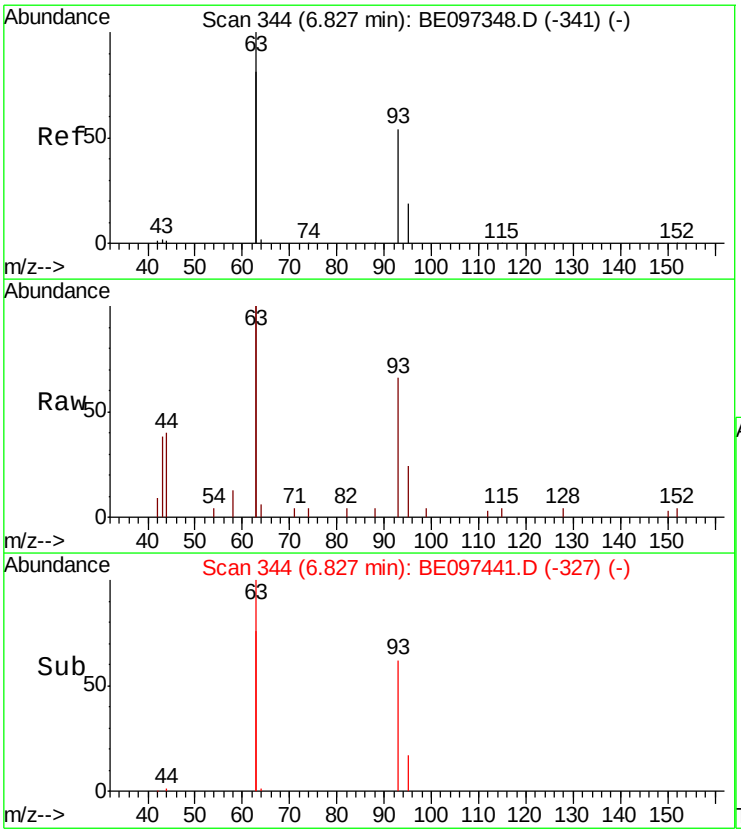

#5
Phenol-d6
Concen: 0.193 ng
RT: 6.60 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

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

Tgt Ion: 99 Resp: 1735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.8 | 20.2 | 30.2 |
| 71 | 34.2 | 28.4 | 42.6 |

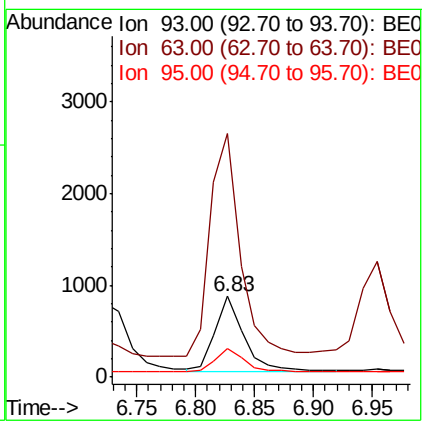


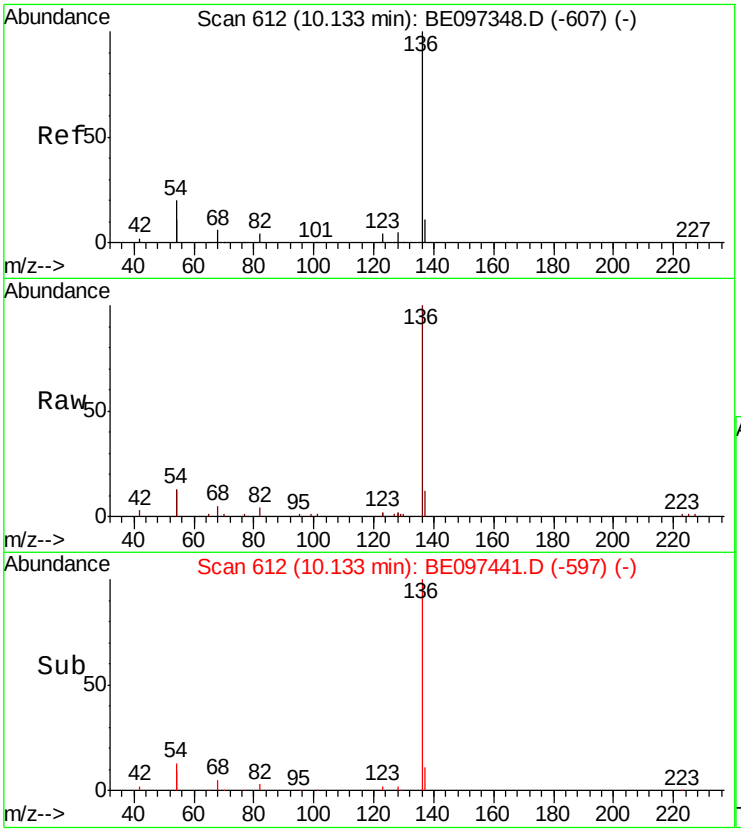




#6
bis(2-Chloroethyl)ether
Concen: 0.169 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.00 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

Tgt Ion: 93 Resp: 1393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 313.7 | 275.3 | 412.9 |
| 95 | 32.4 | 25.2 | 37.8 |



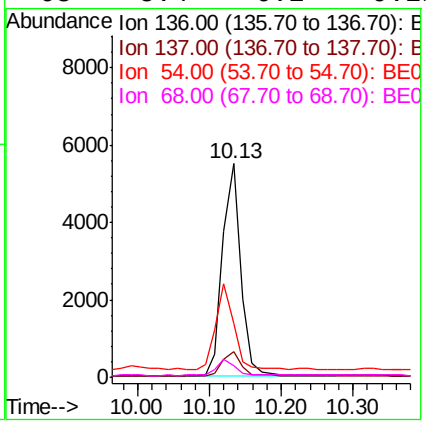


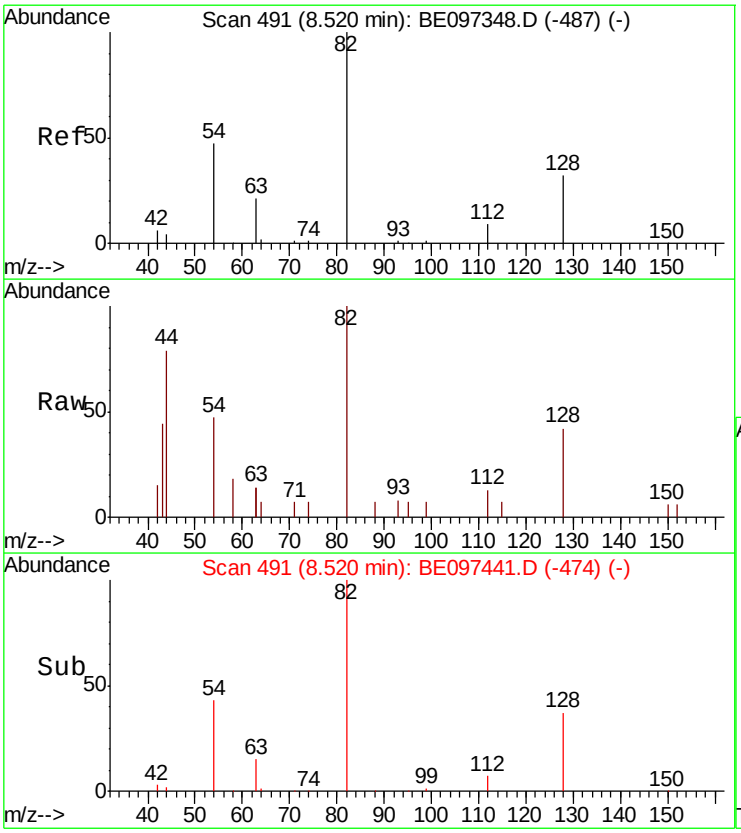

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. 0.00 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

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

Tgt Ion:136 Resp: 9601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.0 | 9.5 | 14.3 |
| 54 | 25.2 | 29.1 | 43.7# |
| 68 | 5.4 | 6.2 | 9.2# |

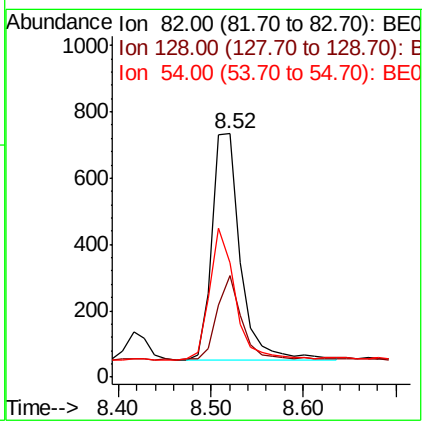


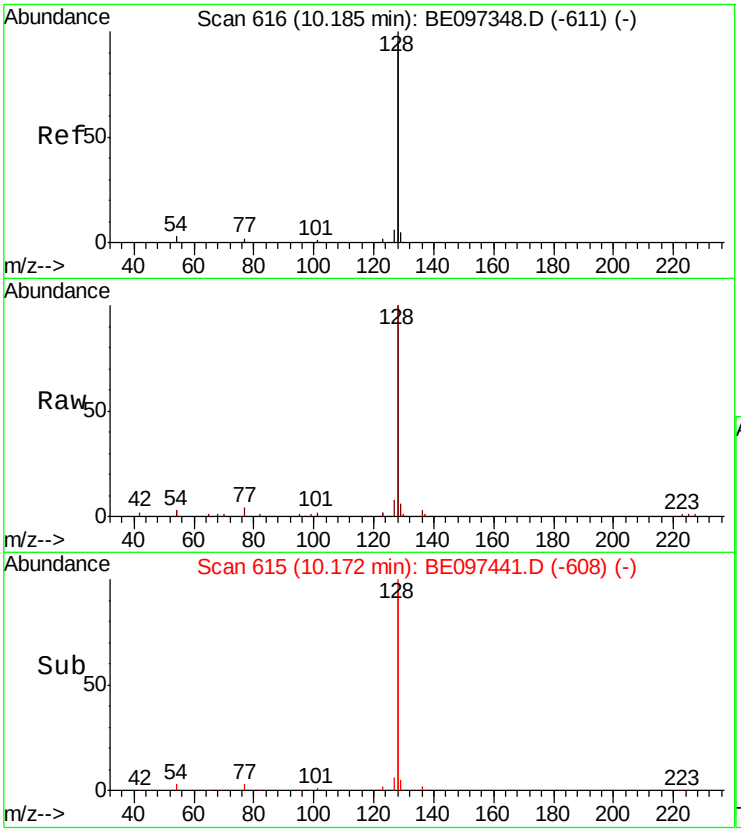




#8
Nitrobenzene-d5
Concen: 0.213 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.00 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

Tgt Ion: 82 Resp: 1465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.0 | 24.0 | 36.0# |
| 54 | 47.1 | 40.0 | 60.0 |



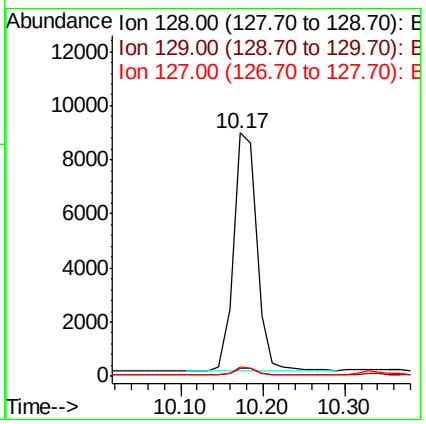


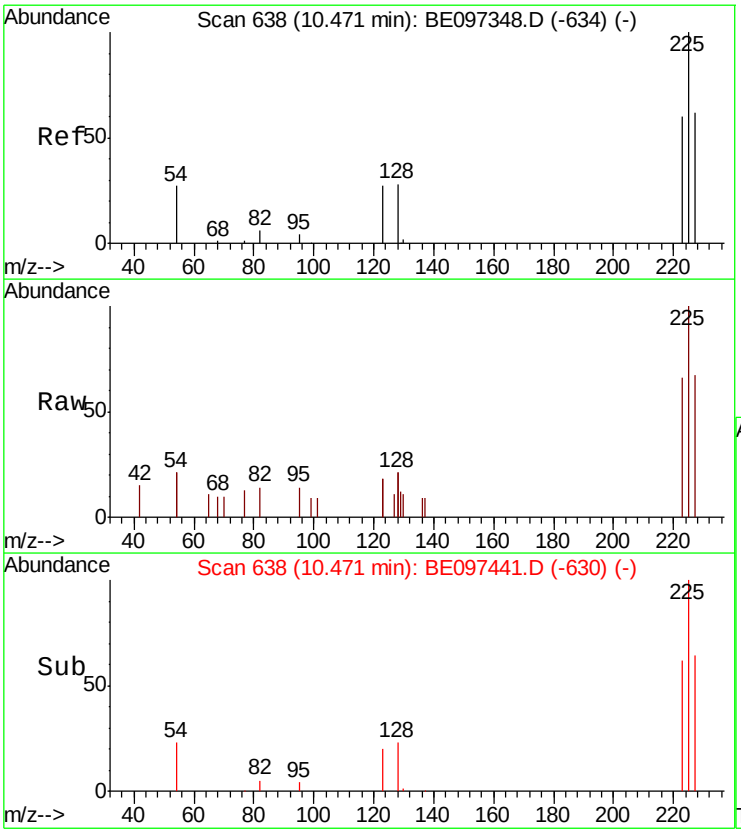

#9
Naphthalene
Concen: 0.199 ng
RT: 10.17 min Scan# 615
Delta R.T. -0.01 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

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

Tgt Ion:128 Resp: 17349

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

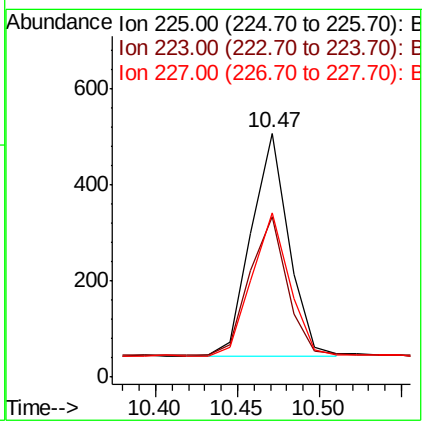


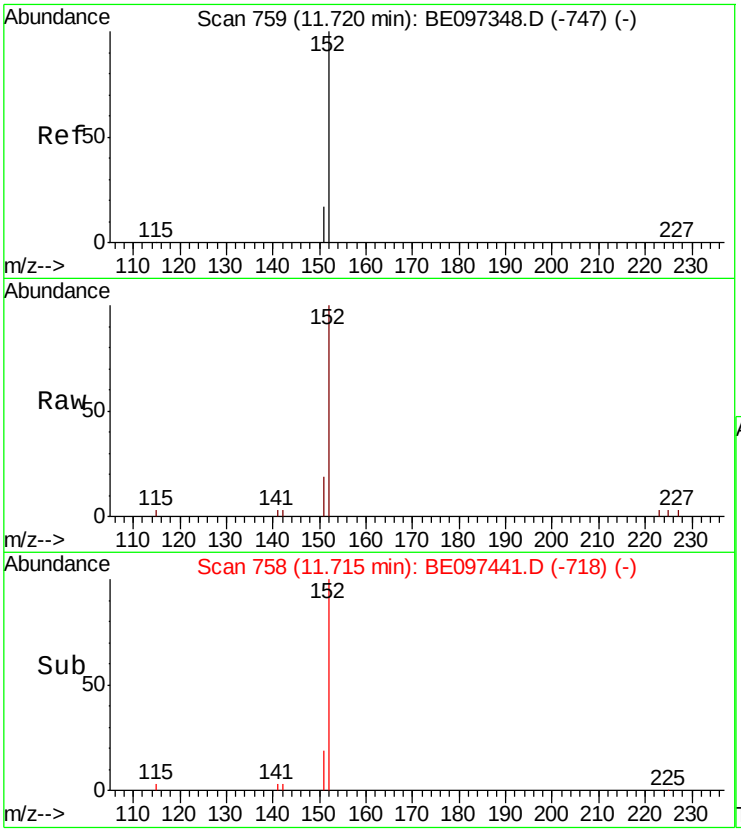




#10
Hexachlorobutadiene
Concen: 0.188 ng
RT: 10.47 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

Tgt Ion:225 Resp: 734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.6 | 53.0 | 79.6 |
| 227 | 64.3 | 51.4 | 77.2 |



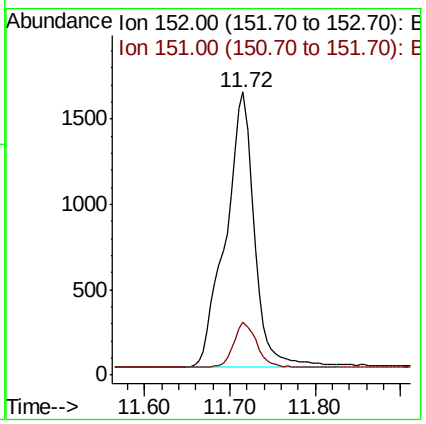


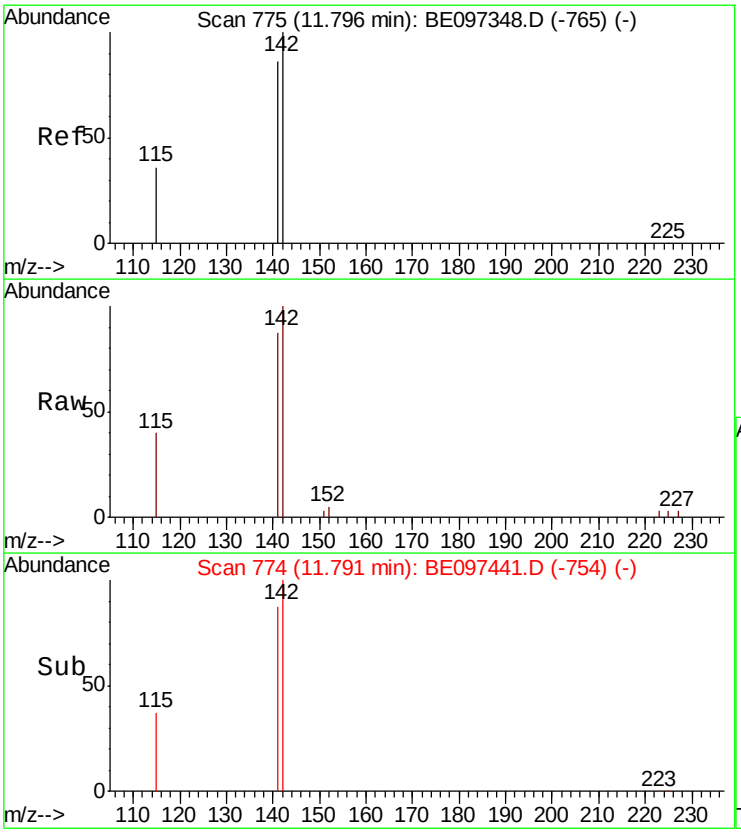

#11
2-Methylnaphthalene-d10
Concen: 0.279 ng
RT: 11.72 min Scan# 758
Delta R.T. -0.00 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

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

Tgt Ion:152 Resp: 3732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 13.0 | 15.4 | 23.0# |

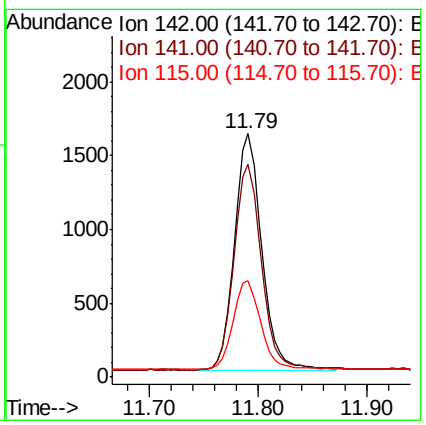


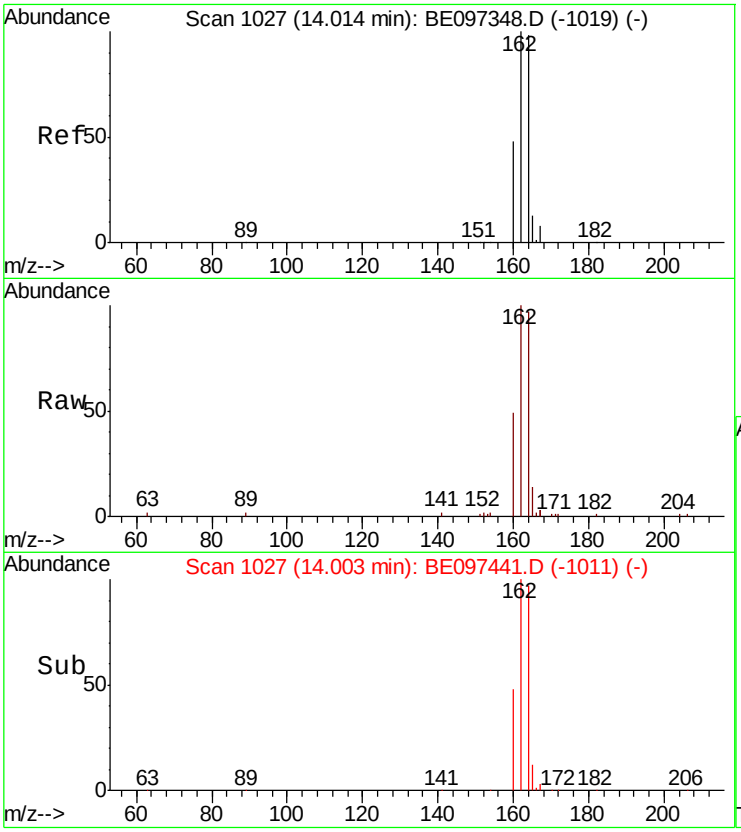




#12
2-Methylnaphthalene
Concen: 0.196 ng
RT: 11.79 min Scan# 774
Delta R.T. -0.00 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

Tgt Ion:142 Resp: 2704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.4 | 70.4 | 105.6 |
| 115 | 39.7 | 31.7 | 47.5 |



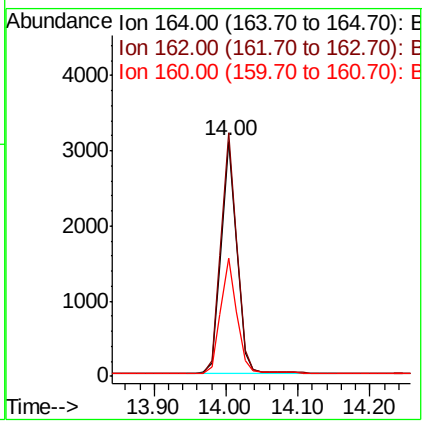


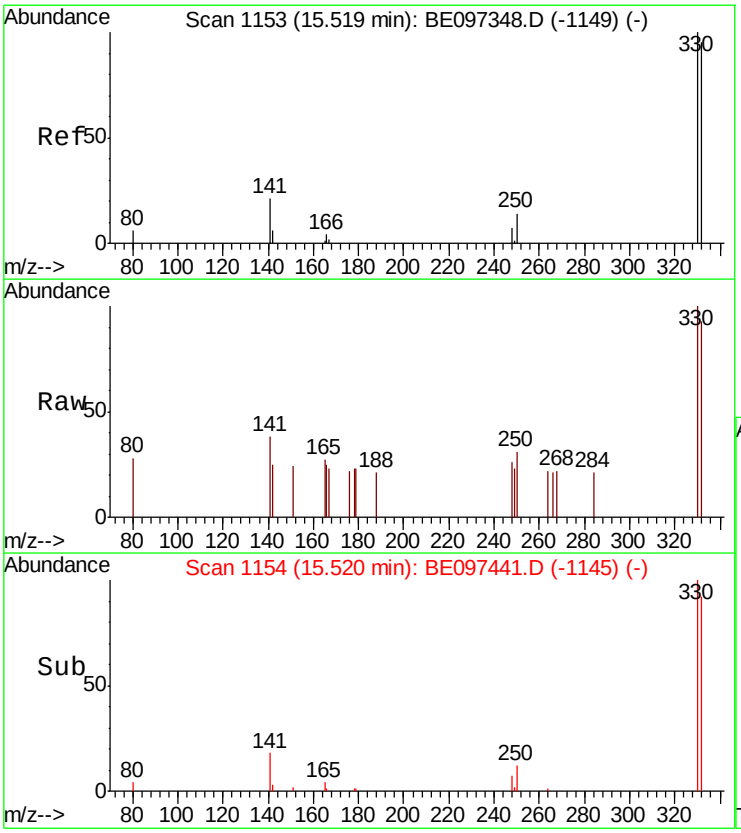

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

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

Tgt Ion:164 Resp: 4675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.5 | 83.1 | 124.7 |
| 160 | 50.5 | 37.1 | 55.7 |

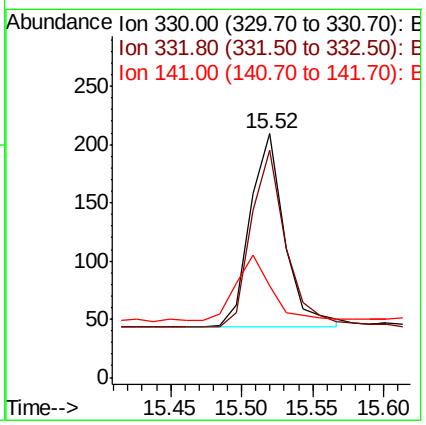


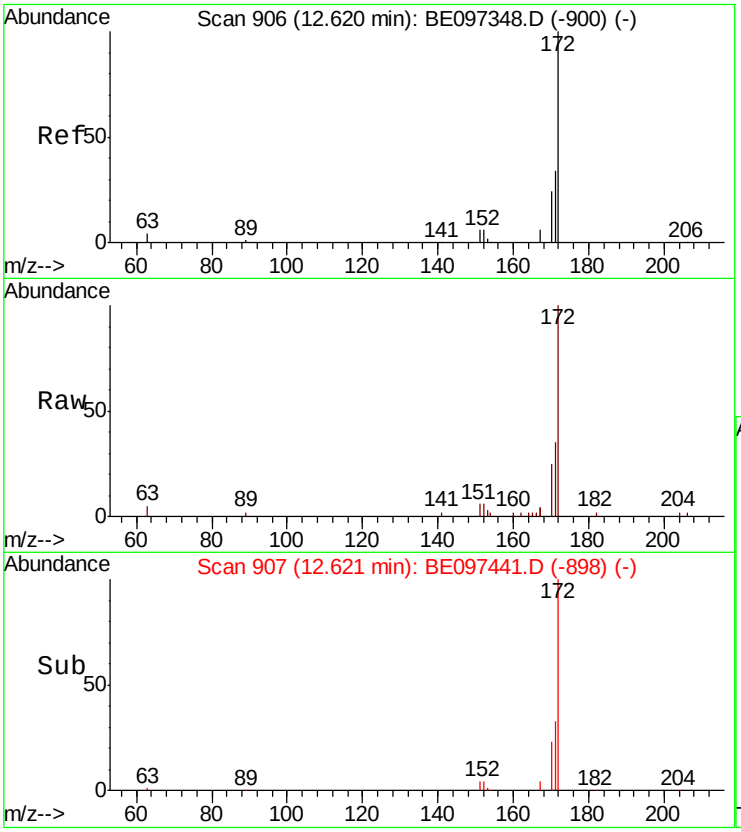




#14
2,4,6-Tribromophenol
Concen: 0.178 ng
RT: 15.52 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

Tgt Ion:330 Resp: 282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 92.6 | 152.7 | 229.1# |
| 141 | 37.2 | 33.7 | 50.5 |



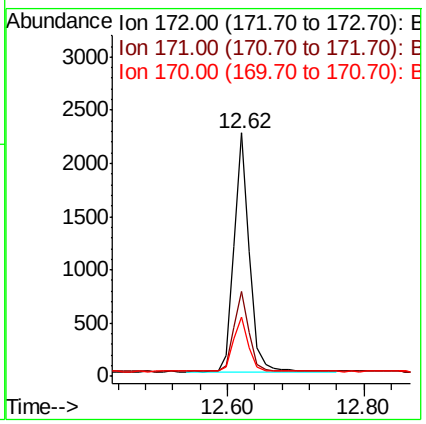


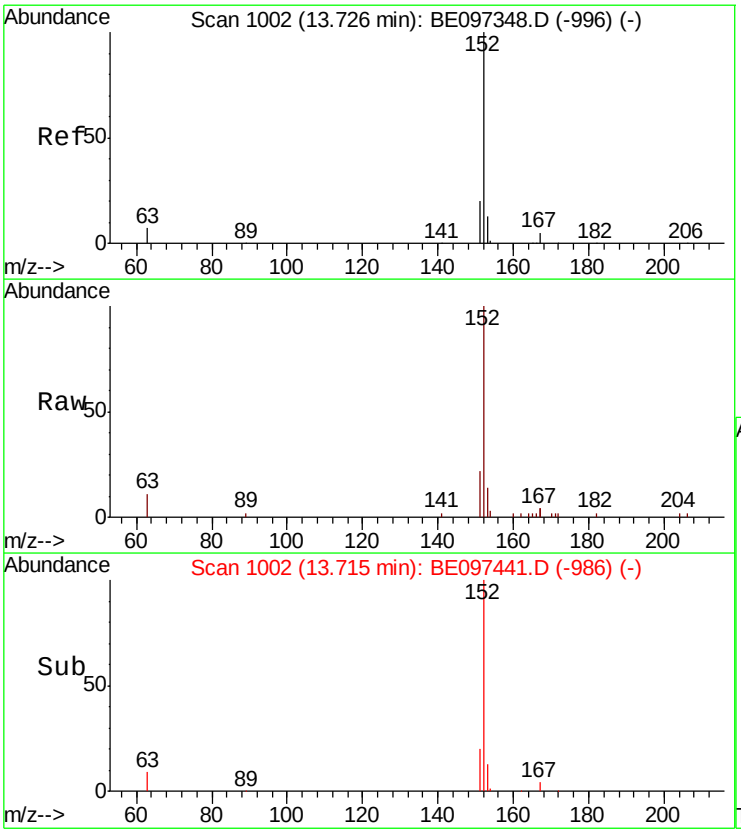

#15
2-Fluorobiphenyl
Concen: 0.205 ng
RT: 12.62 min Scan# 907
Delta R.T. 0.00 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

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

Tgt Ion:172 Resp: 3517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.6 | 29.9 | 44.9 |
| 170 | 24.5 | 21.8 | 32.8 |

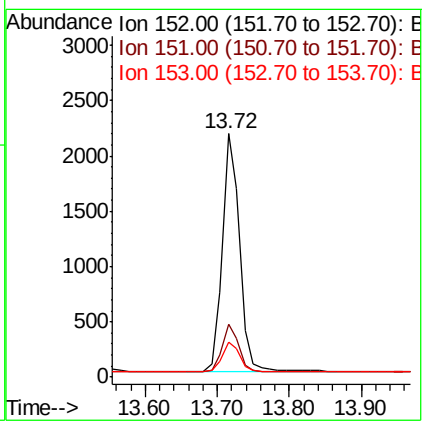


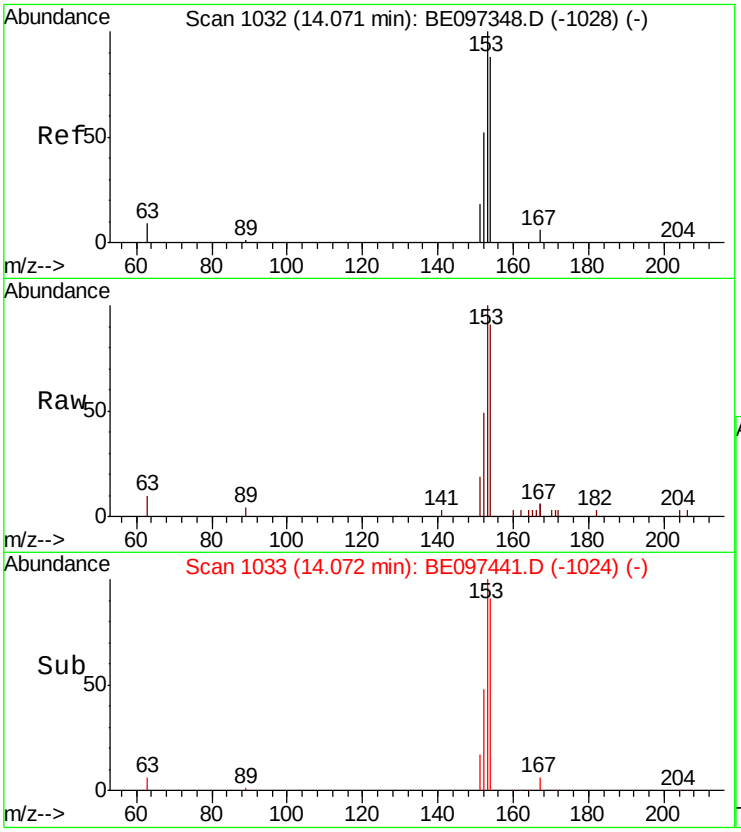




#16
Acenaphthylene
Concen: 0.192 ng
RT: 13.72 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

Tgt Ion:152 Resp: 3577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.2 | 15.7 | 23.5 |
| 153 | 13.2 | 10.5 | 15.7 |



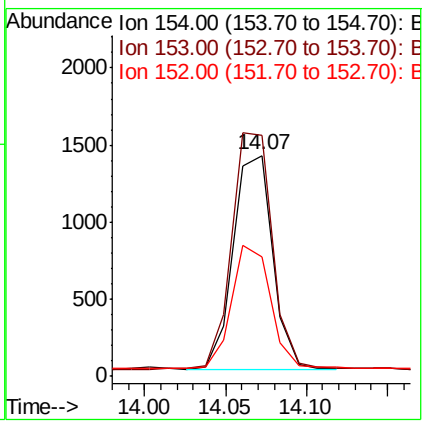


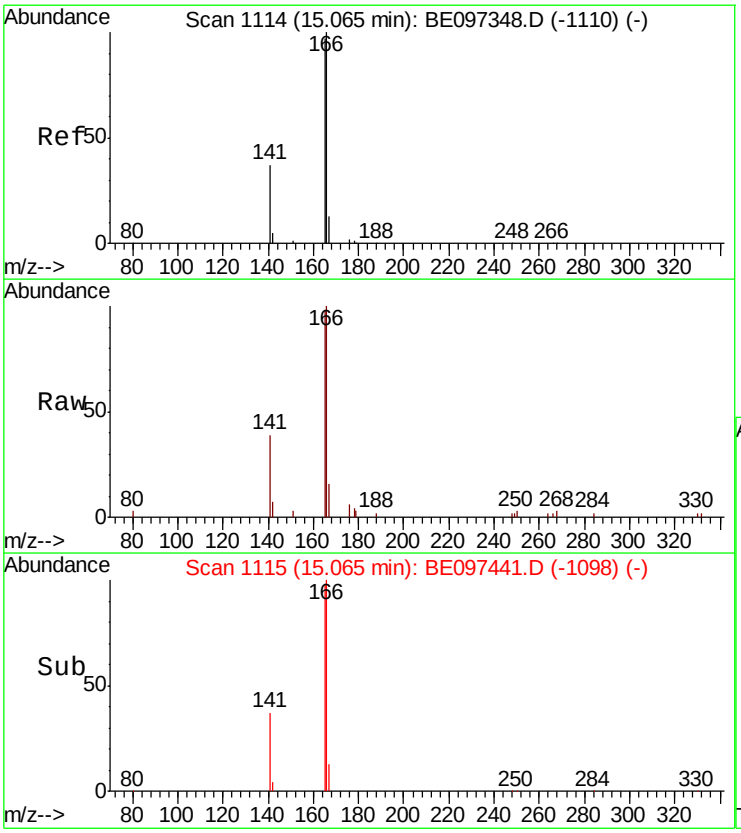

#17
Acenaphthene
Concen: 0.189 ng
RT: 14.07 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

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

Tgt Ion:154 Resp: 2341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.3 | 89.2 | 133.8 |
| 152 | 56.8 | 42.0 | 63.0 |

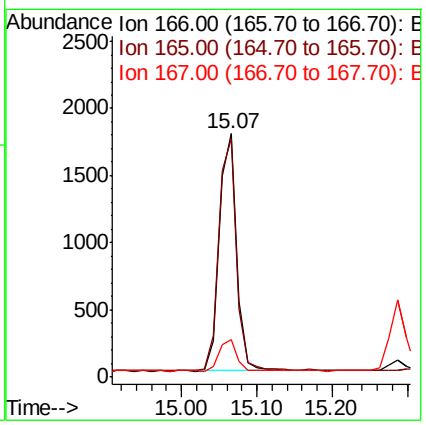


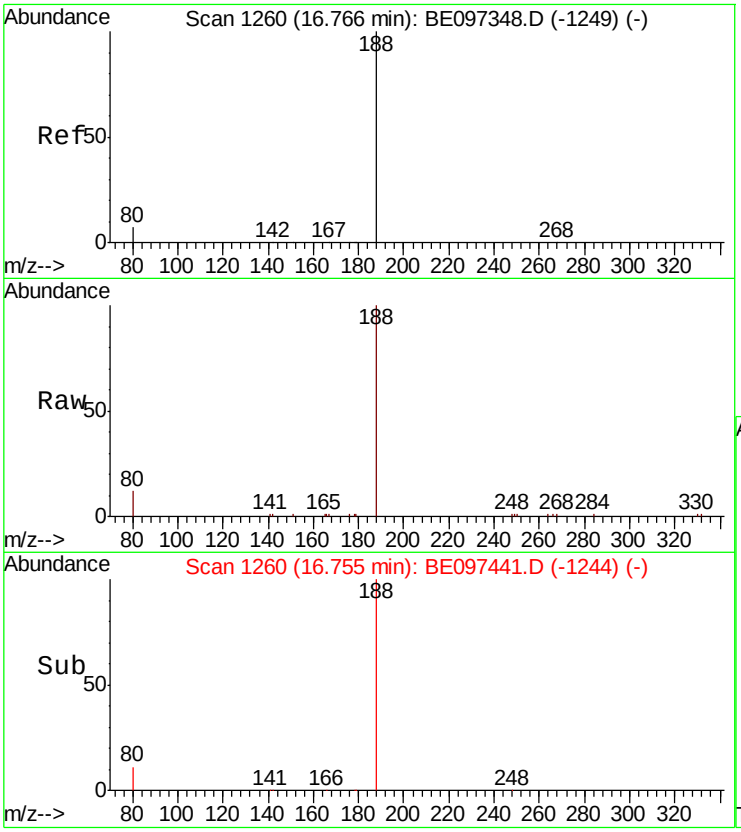




#18
Fluorene
Concen: 0.183 ng
RT: 15.07 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

Tgt Ion:166 Resp: 2869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.5 | 77.8 | 116.6 |
| 167 | 13.7 | 42.4 | 63.6# |



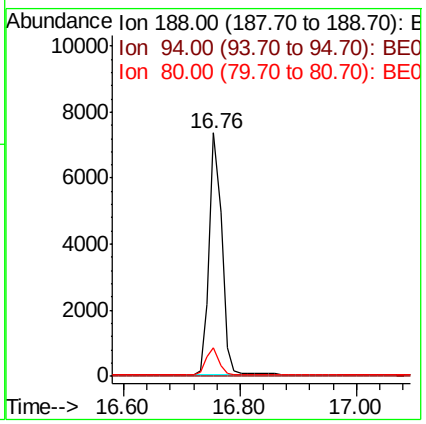


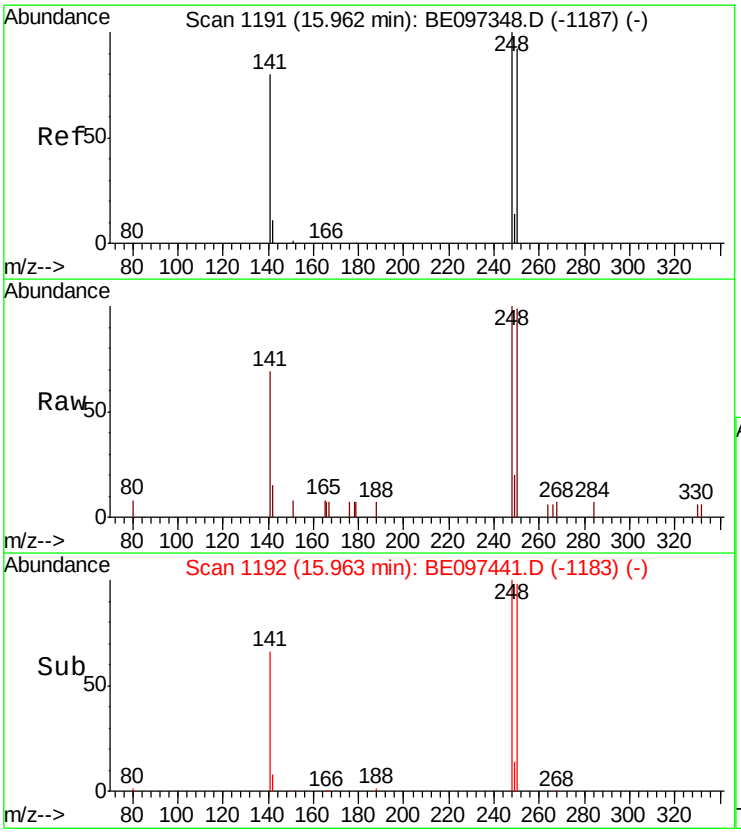

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

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

Tgt Ion:188 Resp: 11026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 3.9 | 5.9# |
| 80 | 11.7 | 3.6 | 5.4# |

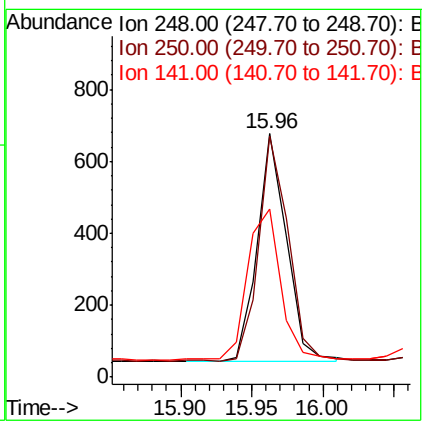


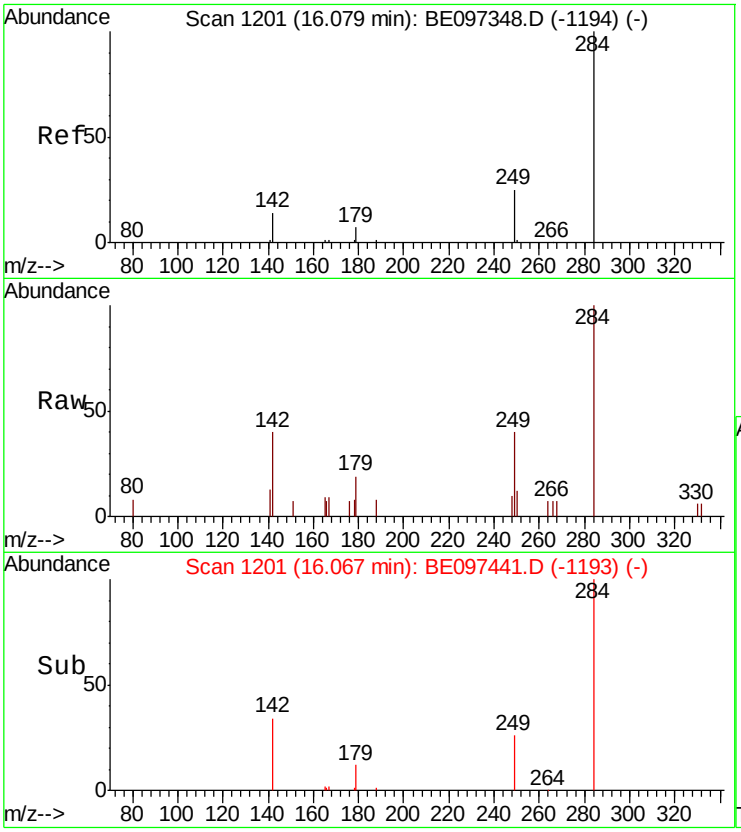




#20
4-Bromophenyl-phenylether
Concen: 0.180 ng
RT: 15.96 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

Tgt Ion:248 Resp: 904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 99.0 | 62.7 | 94.1# |
| 141 | 69.0 | 48.2 | 72.2 |



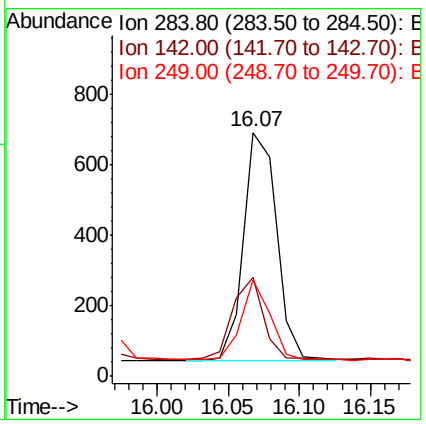


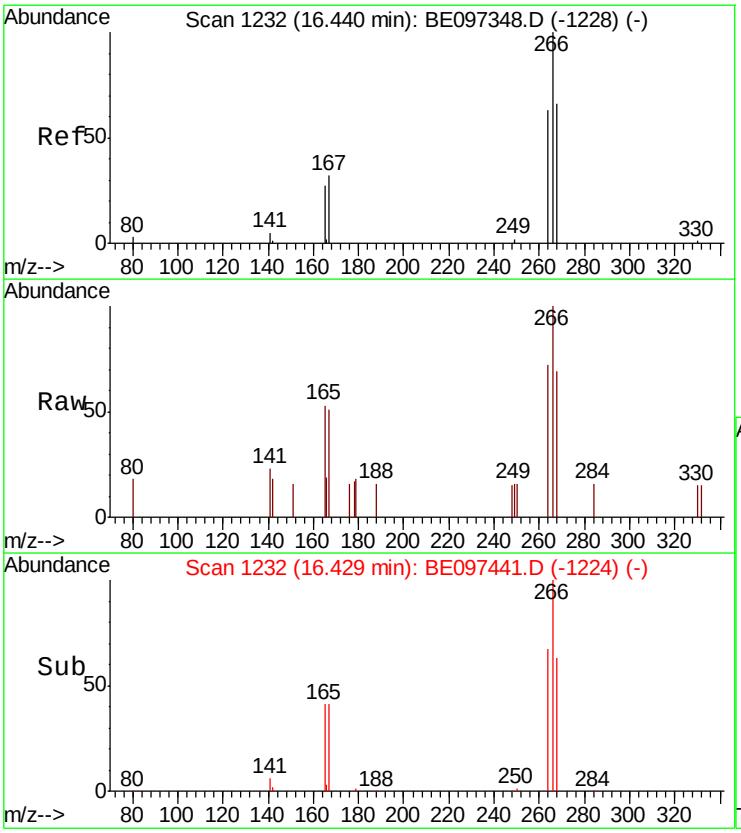

#21
Hexachlorobenzene
Concen: 0.189 ng
RT: 16.07 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

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

Tgt Ion:284 Resp: 1049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 33.0 | 22.1 | 33.1 |
| 249 | 30.4 | 34.8 | 52.2# |

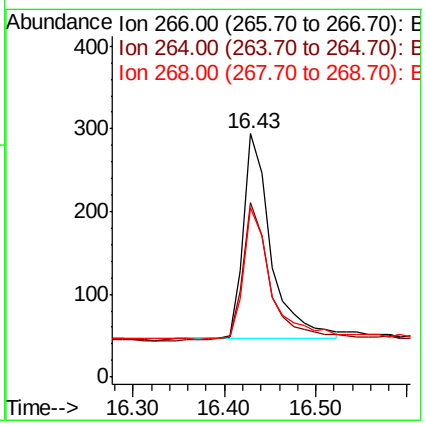


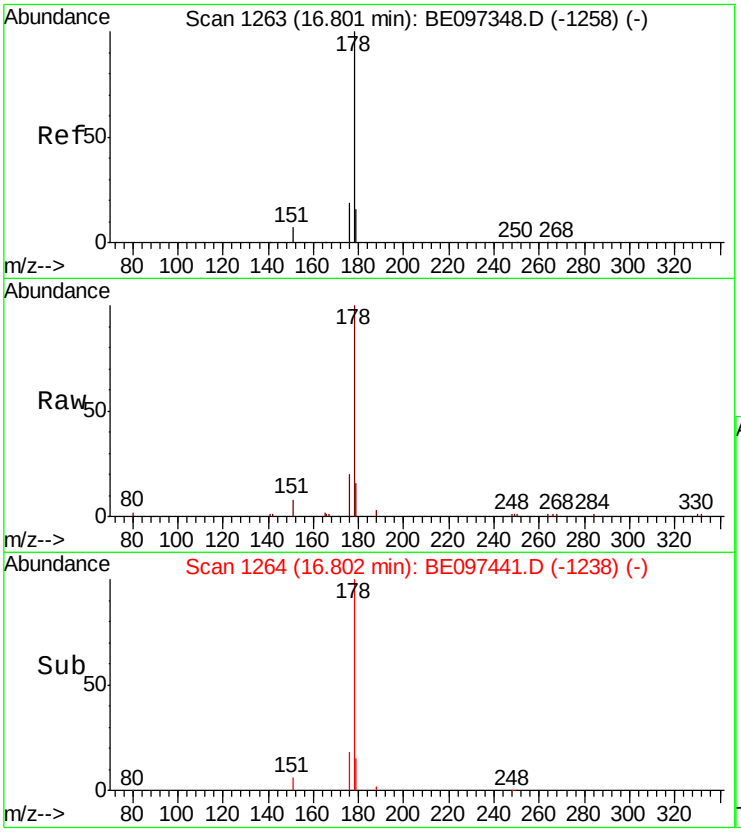




#22
Pentachlorophenol
Concen: 0.446 ng
RT: 16.43 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

Tgt Ion:266 Resp: 525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 71.8 | 72.5 | 108.7# |
| 268 | 69.4 | 73.8 | 110.6# |



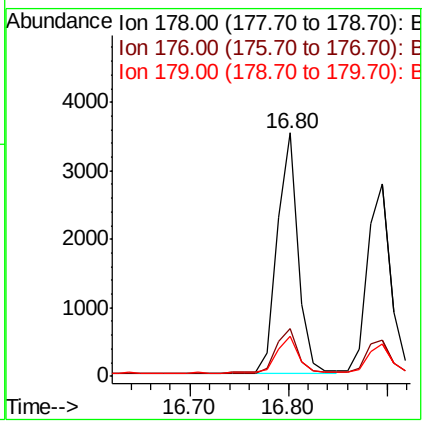


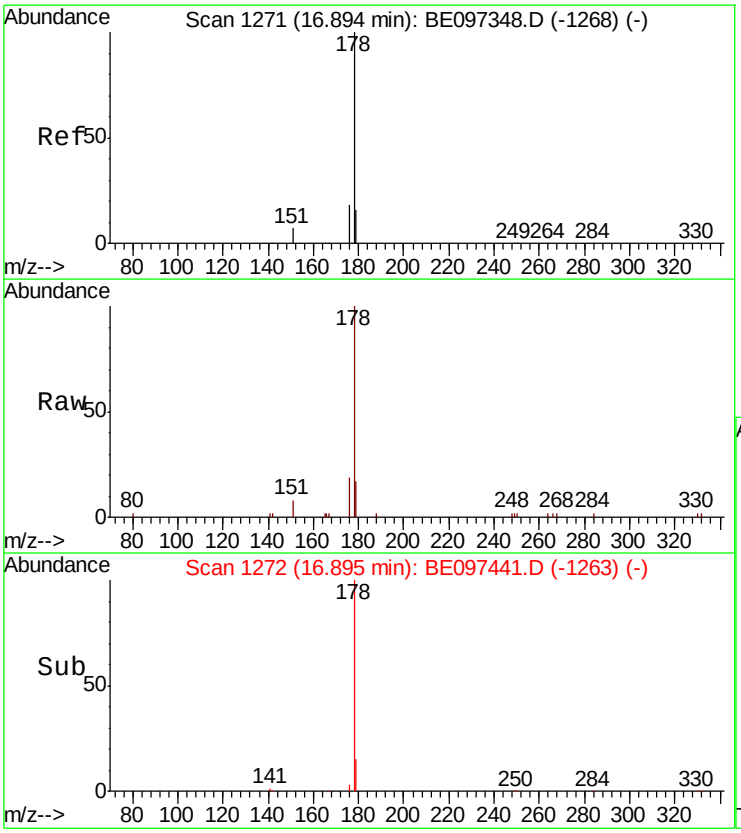

#23
Phenanthrene
Concen: 0.194 ng
RT: 16.80 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

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

Tgt Ion:178 Resp: 5101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 15.1 | 22.7 |
| 179 | 15.5 | 11.8 | 17.6 |

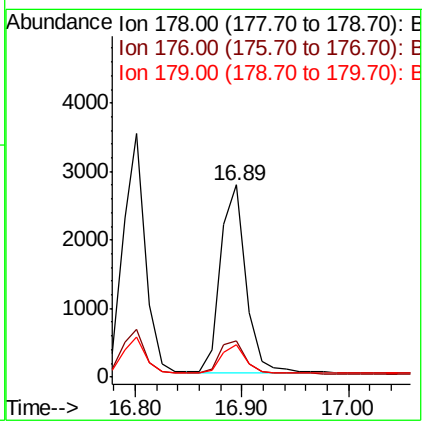


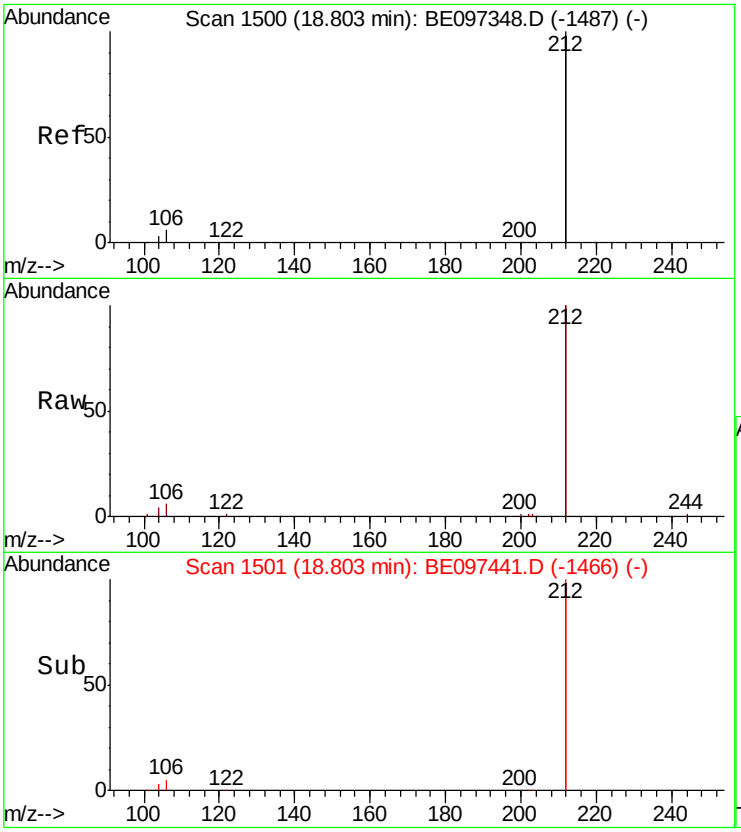




#24
Anthracene
Concen: 0.200 ng
RT: 16.89 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

Tgt Ion:178 Resp: 4468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.5 | 12.8 | 19.2 |
| 179 | 15.0 | 13.0 | 19.6 |



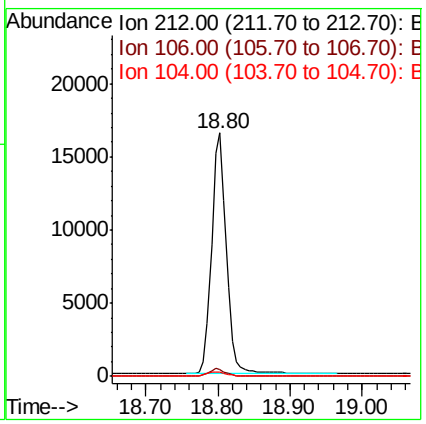


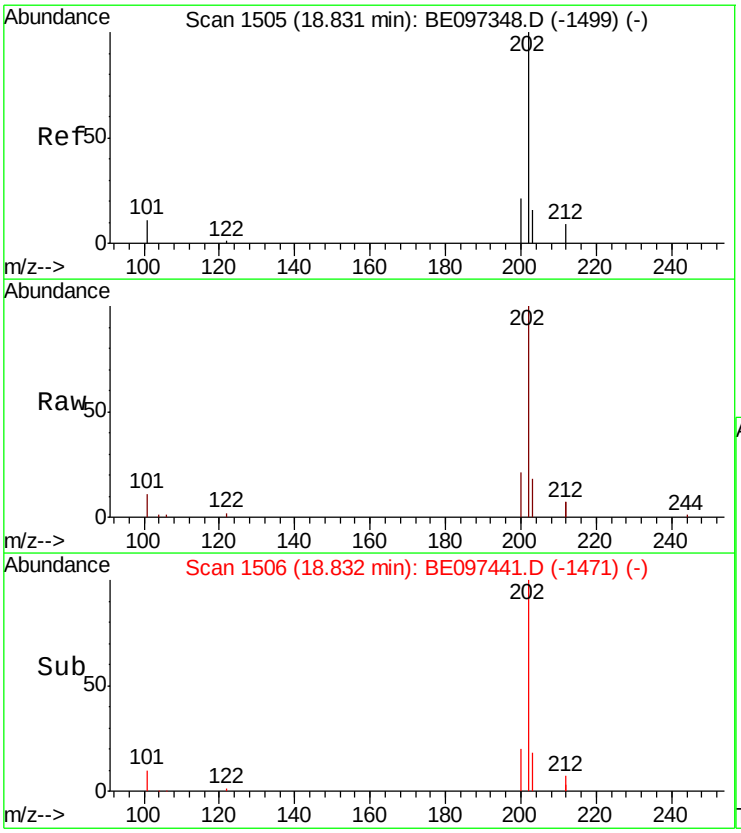

#25
Fluoranthene-d10
Concen: 0.185 ng
RT: 18.80 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

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

Tgt Ion:212 Resp: 23361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 3.0 | 2.8 | 4.2 |
| 104 | 1.7 | 1.6 | 2.4 |

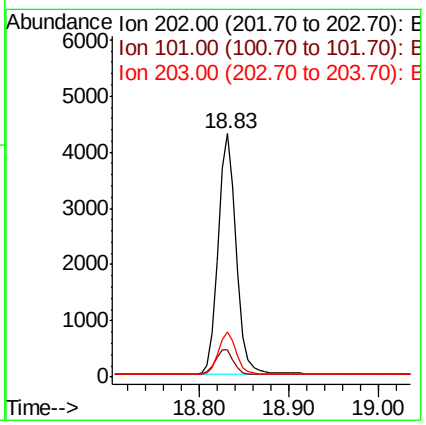


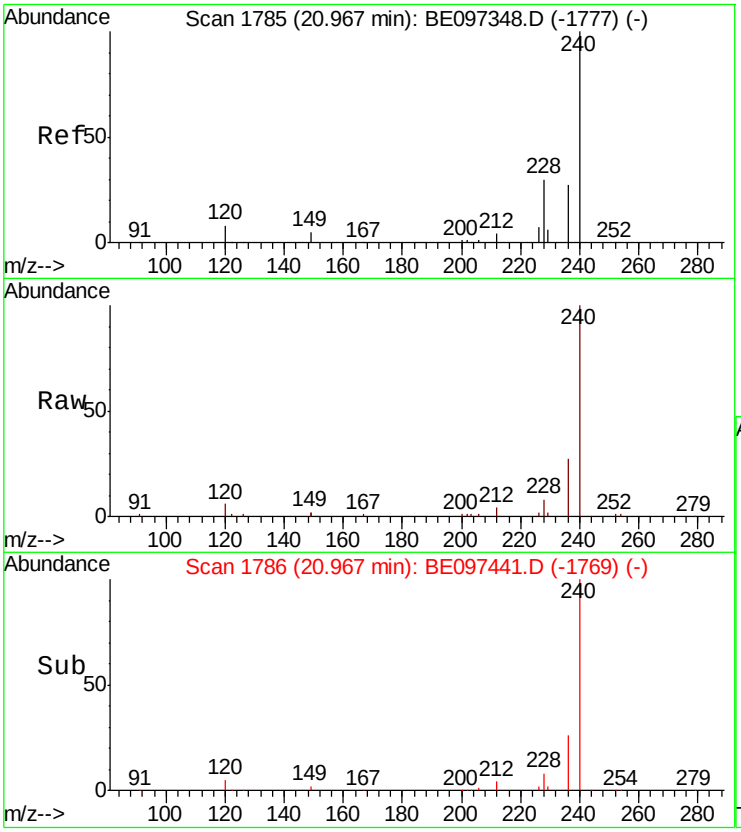




#26
Fluoranthene
Concen: 0.182 ng
RT: 18.83 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

Tgt Ion:202 Resp: 5984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.6 | 9.8 | 14.8 |
| 203 | 17.2 | 13.7 | 20.5 |



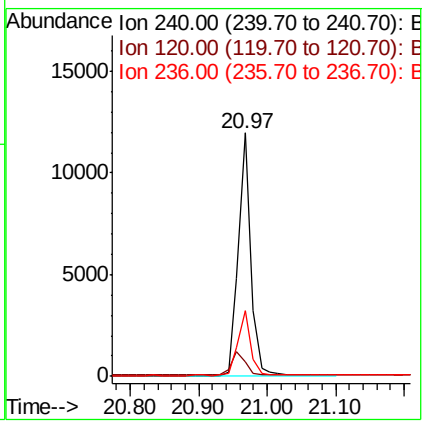


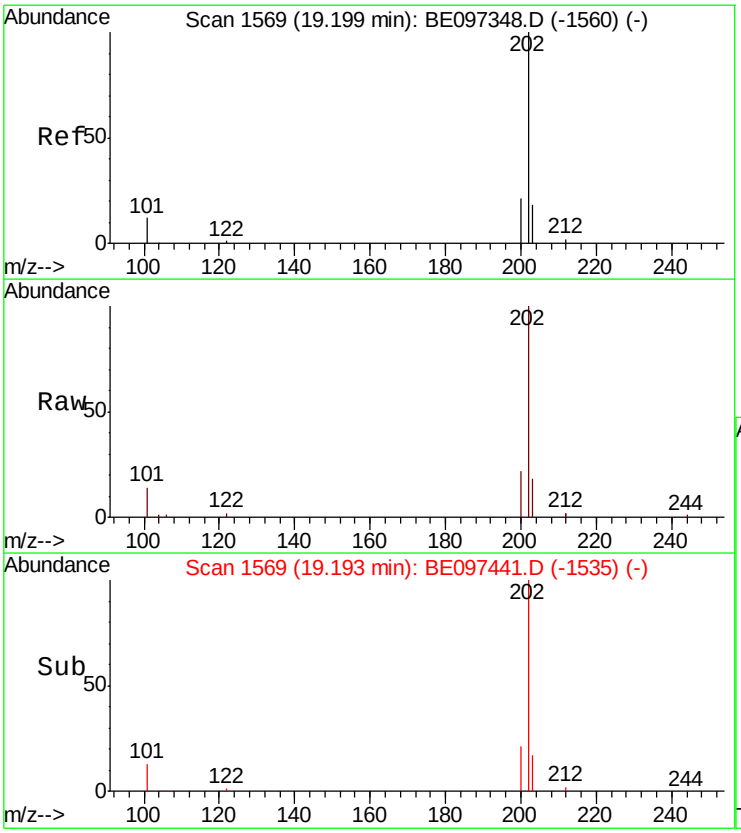

#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

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

Tgt Ion:240 Resp: 15117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.8 | 5.5 | 8.3 |
| 236 | 26.8 | 20.7 | 31.1 |

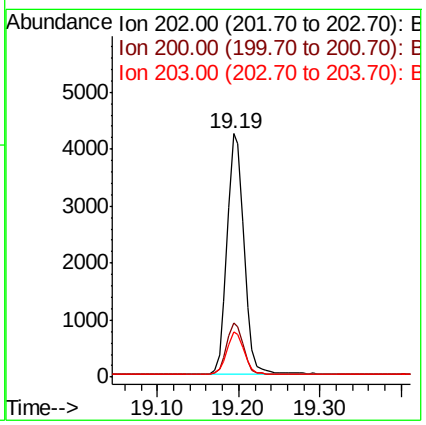


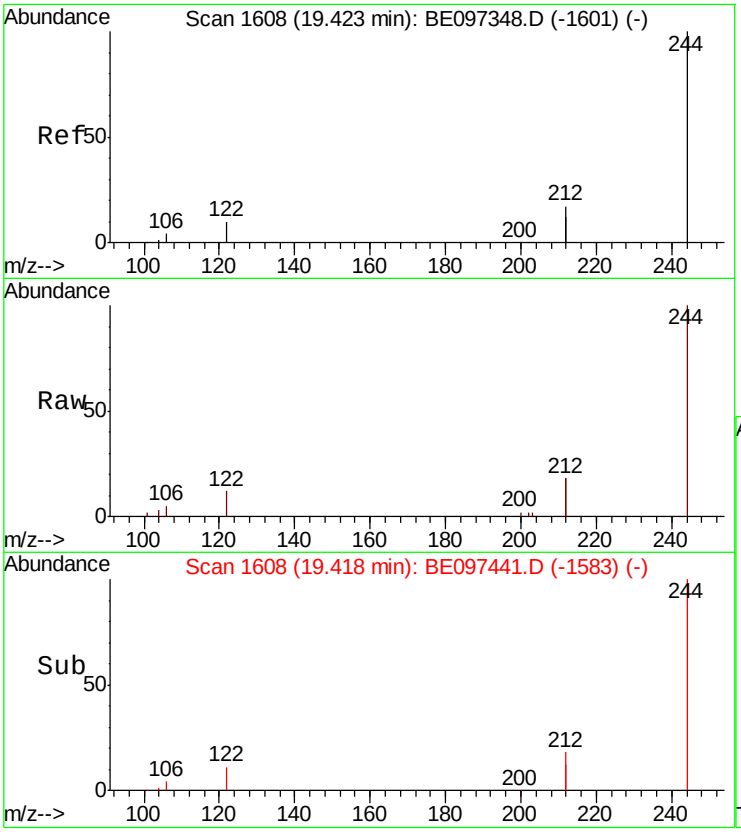




#28
Pyrene
Concen: 0.170 ng
RT: 19.19 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

Tgt Ion:202 Resp: 6131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.1 | 16.6 | 25.0 |
| 203 | 18.0 | 13.8 | 20.8 |



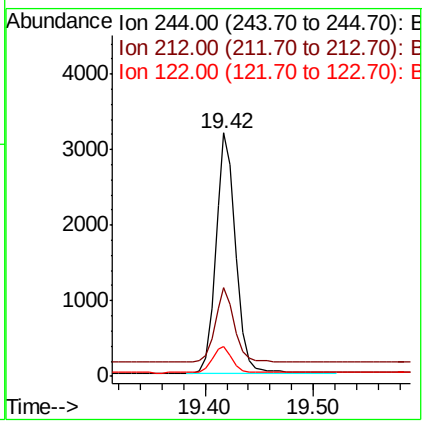


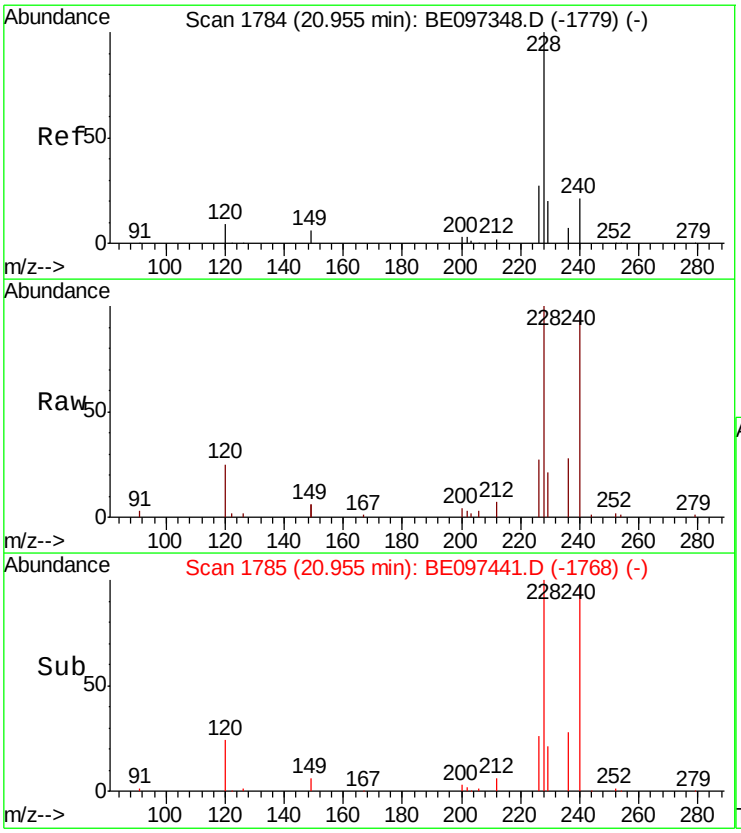

#29
Terphenyl-d14
Concen: 0.145 ng
RT: 19.42 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

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

Tgt Ion:244 Resp: 4043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 36.4 | 25.4 | 38.0 |
| 122 | 12.2 | 8.1 | 12.1# |

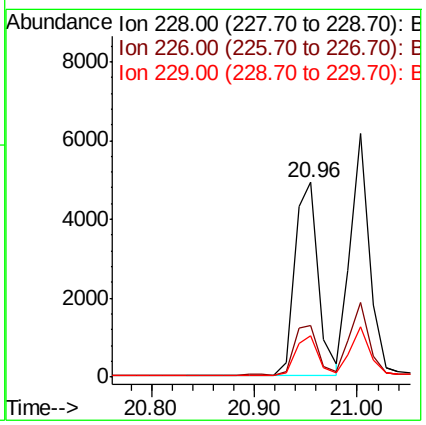


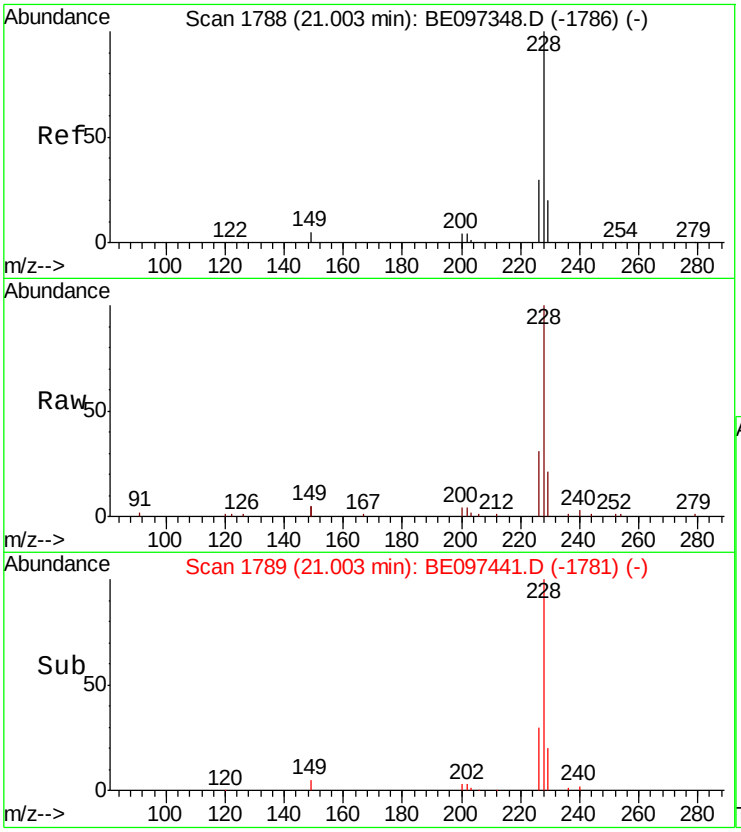




#30
Benzo(a)anthracene
Concen: 0.204 ng
RT: 20.96 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

Tgt Ion:228 Resp: 7794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.7 | 24.0 | 36.0 |
| 229 | 21.4 | 16.0 | 24.0 |



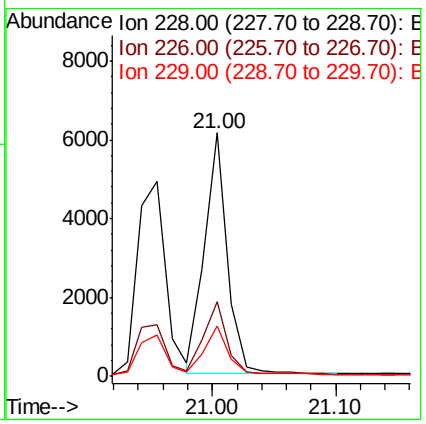


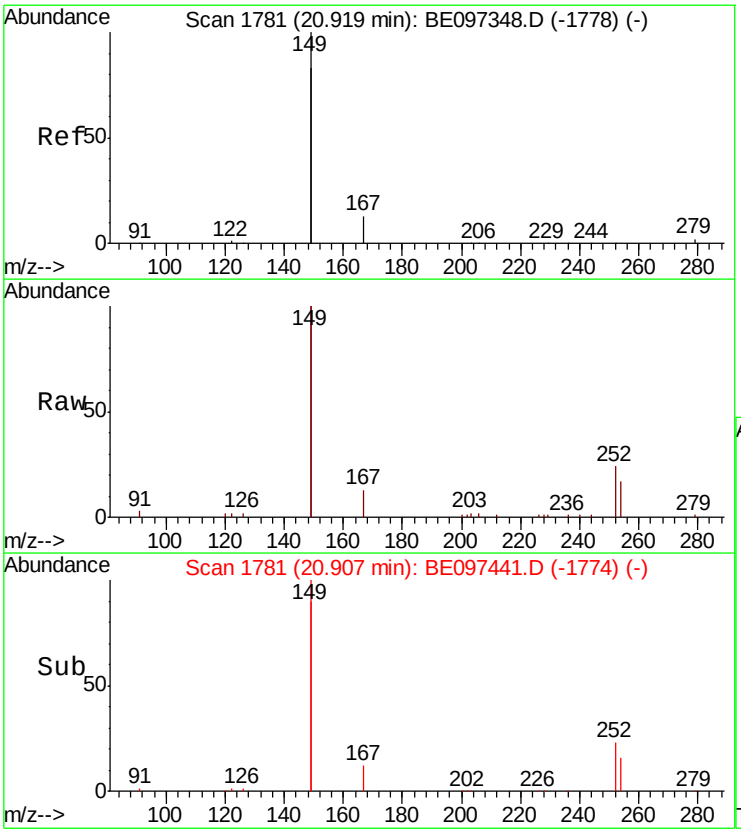

#31
Chrysene
Concen: 0.190 ng
RT: 21.00 min Scan# 1789
Delta R.T. 0.00 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

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

Tgt Ion:228 Resp: 7817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.7 | 24.0 | 36.0 |
| 229 | 20.6 | 16.0 | 24.0 |

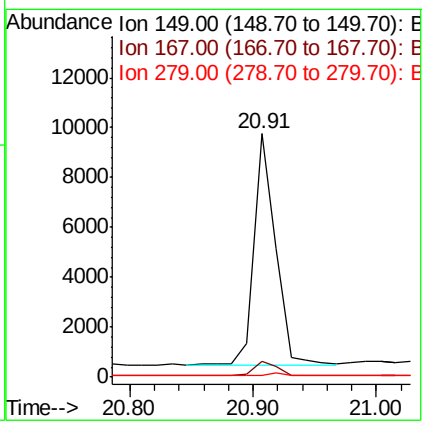


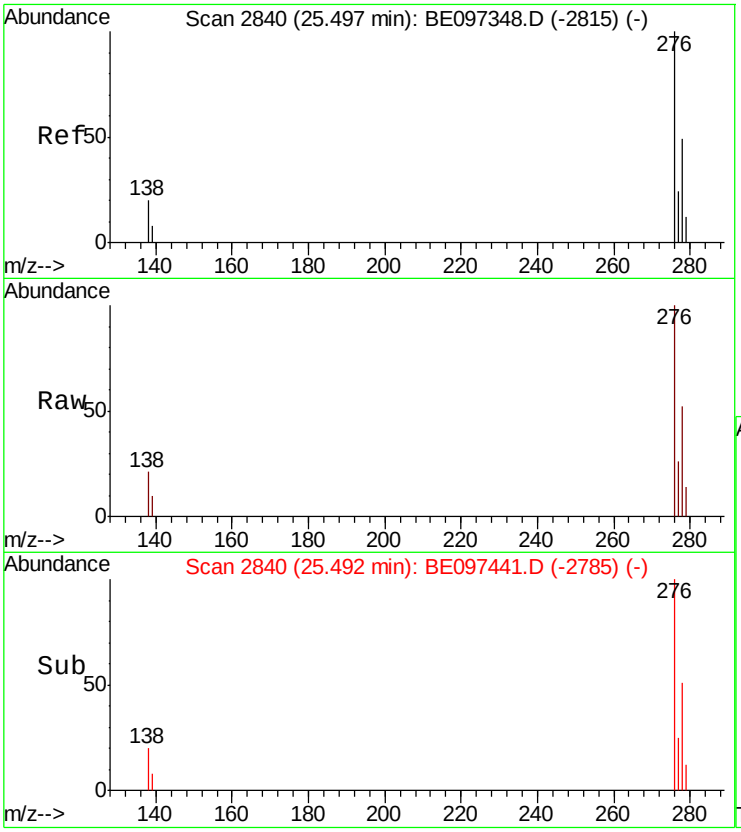




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.292 ng
RT: 20.91 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

Tgt Ion:149 Resp: 11189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 6.9 | 5.4 | 8.0 |
| 279 | 1.0 | 0.7 | 1.1 |



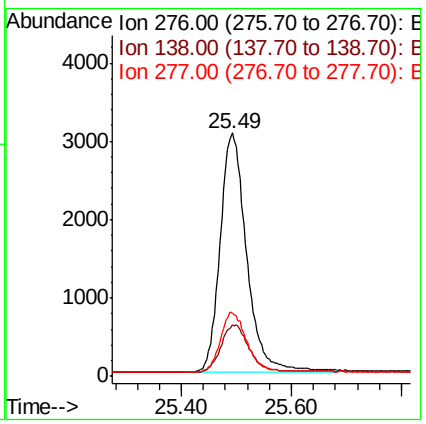


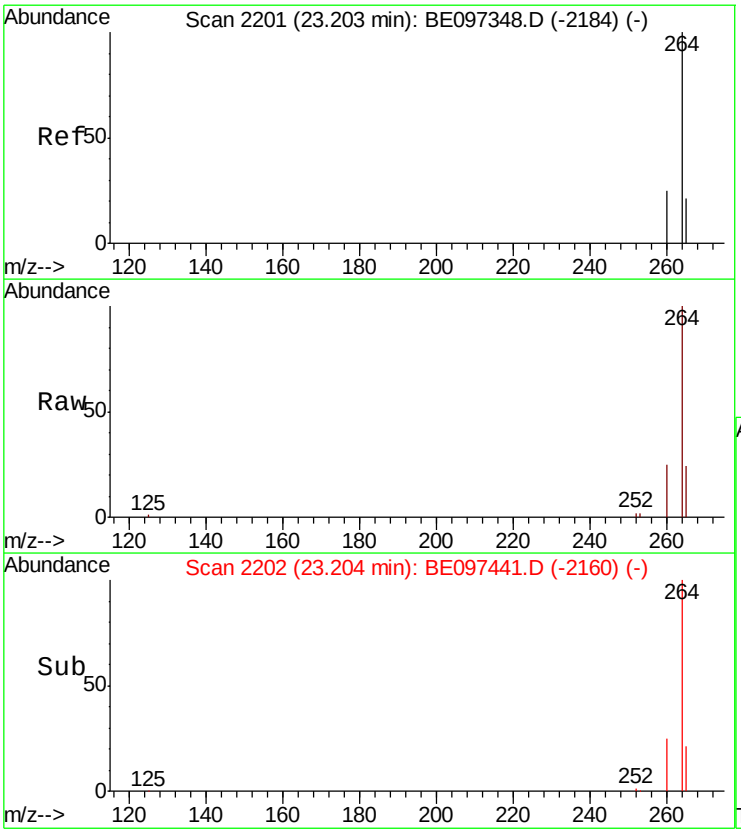

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.153 ng
RT: 25.49 min Scan# 2840
Delta R.T. -0.00 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

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

Tgt Ion:276 Resp: 10223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 20.9 | 22.5 | 33.7# |
| 277 | 24.9 | 19.9 | 29.9 |

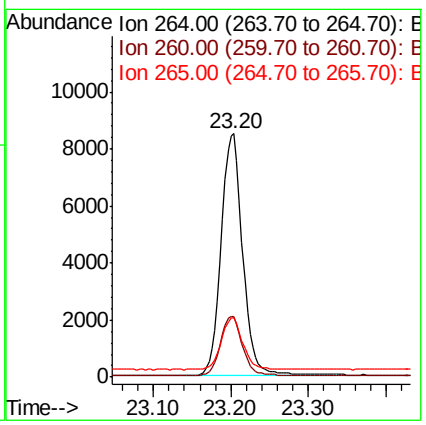


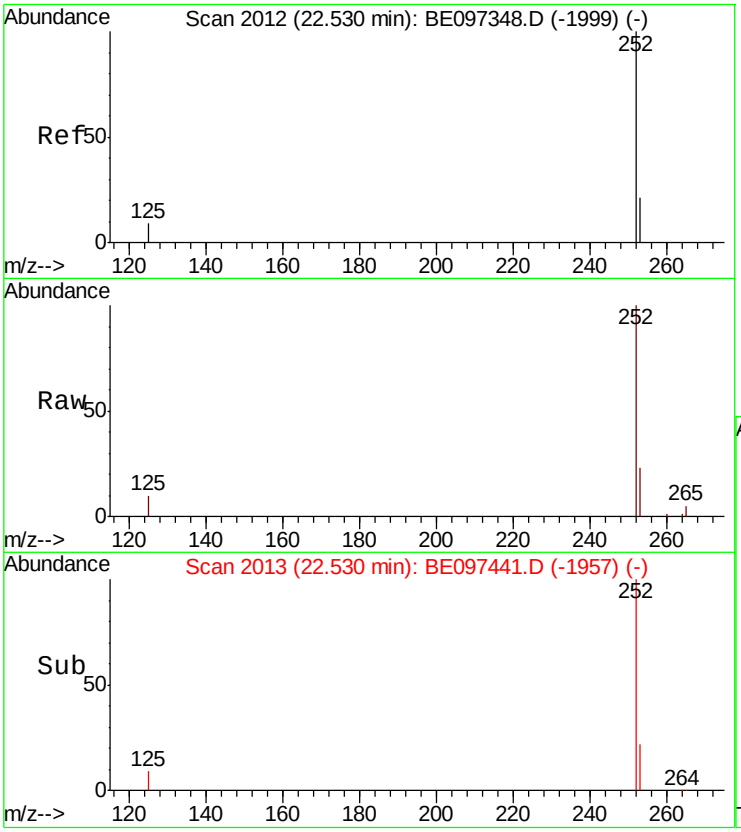




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

Tgt Ion:264 Resp: 16463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.0 | 20.5 | 30.7 |
| 265 | 24.3 | 22.8 | 34.2 |



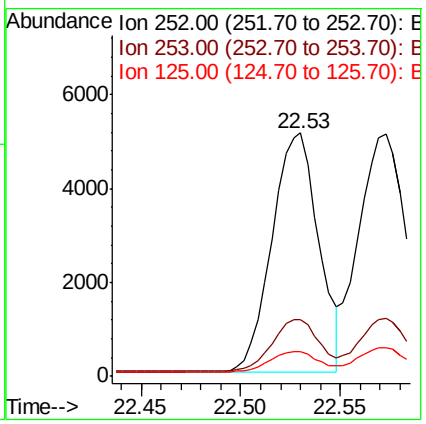


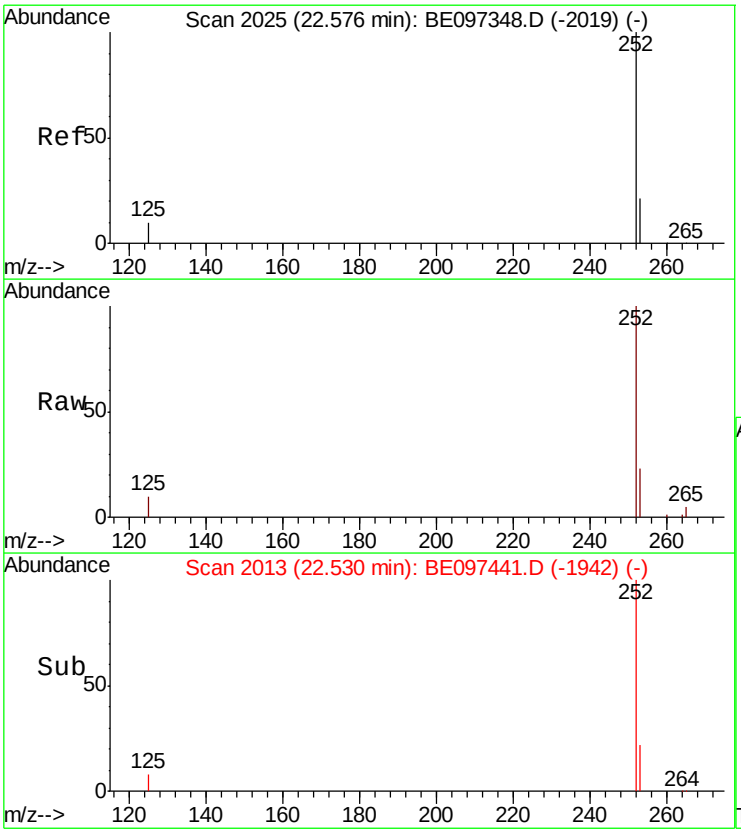

#35
Benzo(b)fluoranthene
Concen: 0.197 ng
RT: 22.53 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

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

Tgt Ion:252 Resp: 8303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.4 | 20.0 | 30.0 |
| 125 | 10.3 | 16.0 | 24.0# |

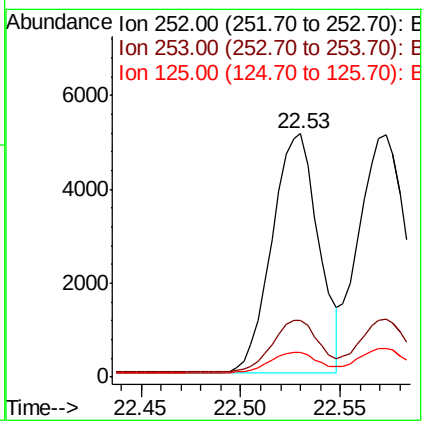


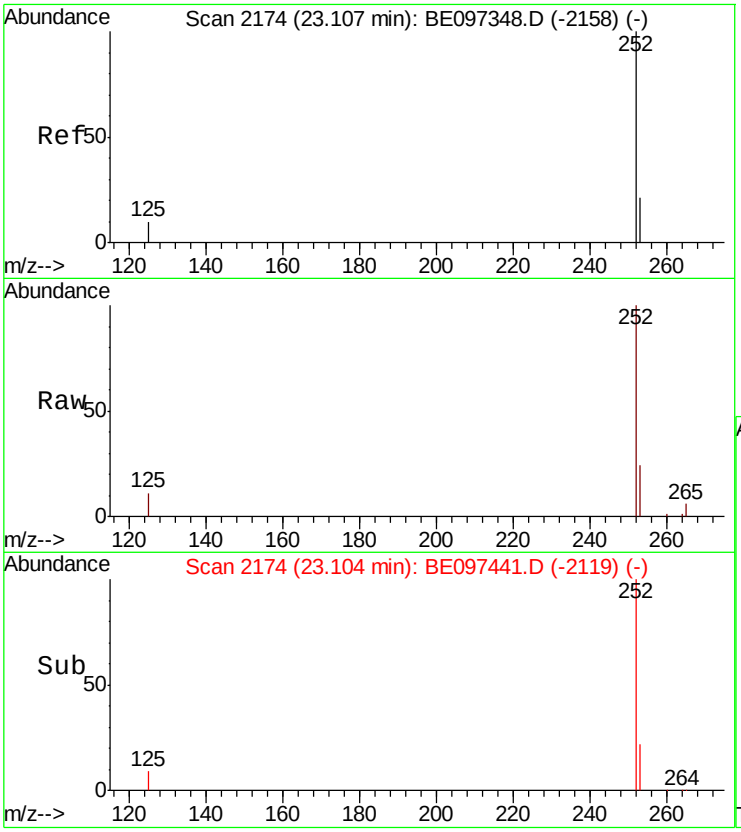




#36
Benzo(k)fluoranthene
Concen: 0.182 ng
RT: 22.53 min Scan# 2013
Delta R.T. -0.05 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

Tgt Ion:252 Resp: 8303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.4 | 16.0 | 24.0 |
| 125 | 10.3 | 8.0 | 12.0 |



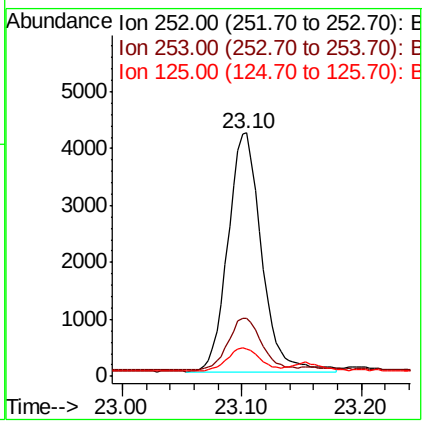


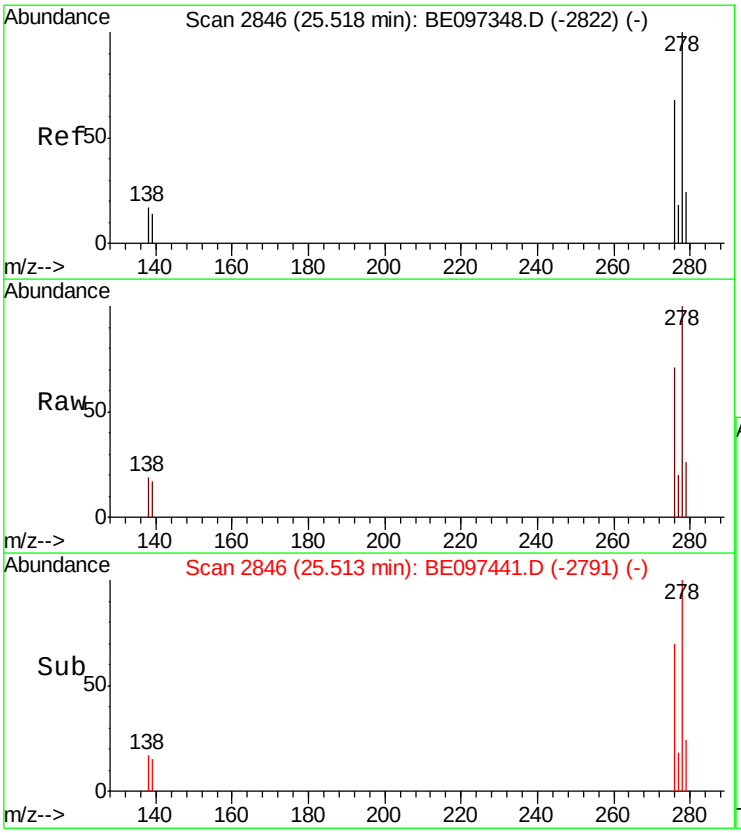

#37
Benzo(a)pyrene
Concen: 0.192 ng
RT: 23.10 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

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

Tgt Ion:252 Resp: 8160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.8 | 16.0 | 24.0 |
| 125 | 11.2 | 12.0 | 18.0# |

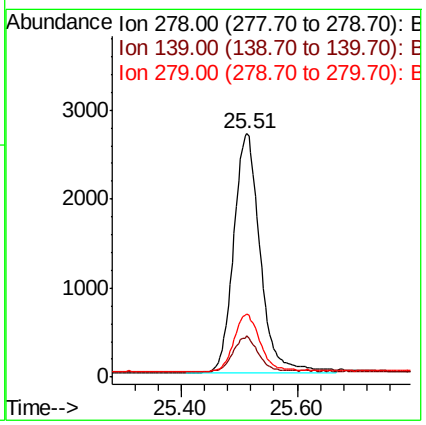


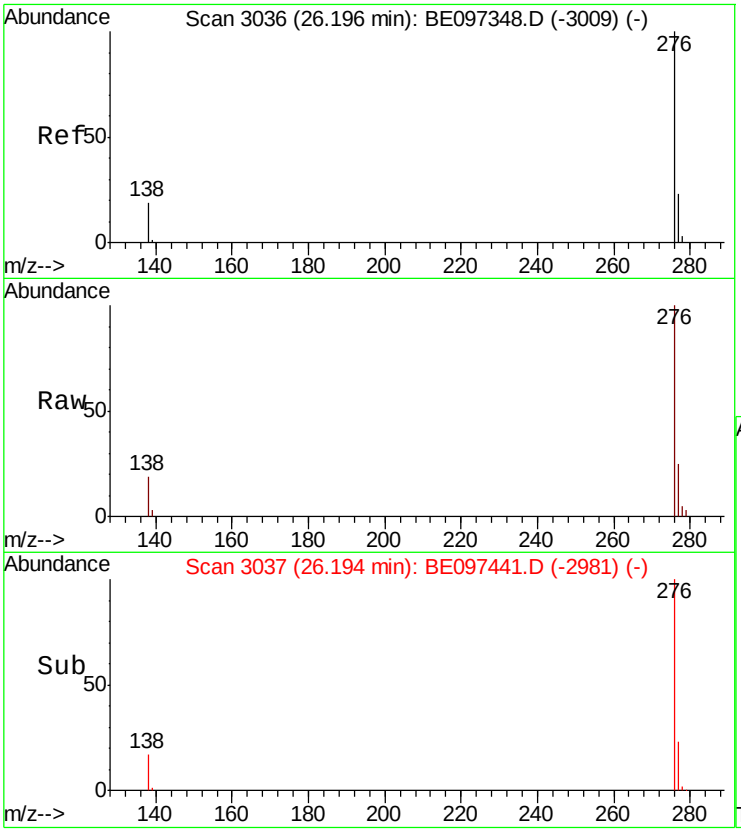




#38
Dibenzo(a,h)anthracene
Concen: 0.149 ng
RT: 25.51 min Scan# 2846
Delta R.T. -0.00 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

Tgt Ion:278 Resp: 8485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.9 | 16.0 | 24.0 |
| 279 | 25.9 | 20.0 | 30.0 |






#39
Benzo(g,h,i)perylene
Concen: 0.133 ng
RT: 26.19 min Scan# 3037
Delta R.T. -0.00 min
Lab File: BE097441.D
Acq: 10 Sep 2018 9:32

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

Tgt Ion:276 Resp: 8522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.7 | 16.0 | 24.0# |
| 138 | 19.2 | 20.0 | 30.0# |