Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101818\
Data File : BE097979.D
Acq On : 18 Oct 2018 16:10
Operator : SJ/JU
Sample : J5521-09RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Oct 19 01:08:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 15:36:44 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.88 | 152 | 3787 | 0.40 | ng | | -0.01 |
| 7) Naphthalene-d8 | 10.68 | 136 | 16197 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.54 | 164 | 12015 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.29 | 188 | 19048 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.45 | 240 | 3631 | 0.40 | ng | | -0.04 |
| 34) Perylene-d12 | 23.97 | 264 | 3566 | 0.40 | ng | | -0.07 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.46 | 112 | 2787 | 0.23 | ng | | -0.01 |
| 5) Phenol-d6 | 7.05 | 99 | 5797 | 0.33 | ng | | -0.01 |
| 8) Nitrobenzene-d5 | 9.03 | 82 | 17735 | 1.16 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.28 | 152 | 7322 | 0.27 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 16.04 | 330 | 1313 | 0.20 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.16 | 172 | 9557 | 0.19 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 19.30 | 212 | 39393 | 0.15 | ng | | -0.03 |
| 29) Terphenyl-d14 | 19.90 | 244 | 1207 | 0.15 | ng | | -0.03 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.36 | 88 | 245 | 0.037 | ng | # | 1 |
| 6) bis(2-Chloroethyl)ether | 7.27 | 93 | 859 | 0.057 | ng | # | 1 |
| 9) Naphthalene | 10.73 | 128 | 133493 | 0.828 | ng | # | 98 |
| 12) 2-Methylnaphthalene | 12.35 | 142 | 23697 | 0.858 | ng | | 97 |
| 16) Acenaphthylene | 14.28 | 152 | 4321 | 0.078 | ng | # | 1 |
| 17) Acenaphthene | 14.62 | 154 | 3605 | 0.106 | ng | # | 19 |
| 18) Fluorene | 15.59 | 166 | 12883 | 0.276 | ng | # | 88 |
| 20) 4-Bromophenyl-phenylether | 16.50 | 248 | 1268 | 0.122 | ng | # | 1 |
| 22) Pentachlorophenol | 16.89 | 266 | 104 | 0.072 | ng | # | 3 |
| 23) Phenanthrene | 17.34 | 178 | 33134 | 0.685 | ng | # | 83 |
| 24) Anthracene | 17.40 | 178 | 3267 | 0.071 | ng | # | 1 |
| 26) Fluoranthene | 19.37 | 202 | 14468 | 0.228 | ng | # | 59 |
| 28) Pyrene | 19.66 | 202 | 10717 | 1.023 | ng | # | 57 |
| 30) Benzo(a)anthracene | 21.43 | 228 | 1058 | 0.095 | ng | # | 1 |
| 31) Chrysene | 21.48 | 228 | 857 | 0.081 | ng | # | 1 |
| 32) Bis(2-ethylhexyl)phthalate | 21.32 | 149 | 25921 | 1.235 | ng | # | 82 |
| 33) Indeno(1,2,3-cd)pyrene | 26.63 | 276 | 143 | Below Cal | | # | 1 |
| 35) Benzo(b)fluoranthene | 23.21 | 252 | 5353 | 0.522 | ng | # | 1 |
| 36) Benzo(k)fluoranthene | 23.21 | 252 | 5353 | 0.501 | ng | # | 1 |
| 37) Benzo(a)pyrene | 23.81 | 252 | 739 | 0.074 | ng | # | 1 |
| 38) Dibenzo(a,h)anthracene | 26.67 | 278 | 620 | 0.063 | ng | # | 1 |
| 39) Benzo(g,h,i)perylene | 27.50 | 276 | 319 | 0.032 | ng | # | 1 |

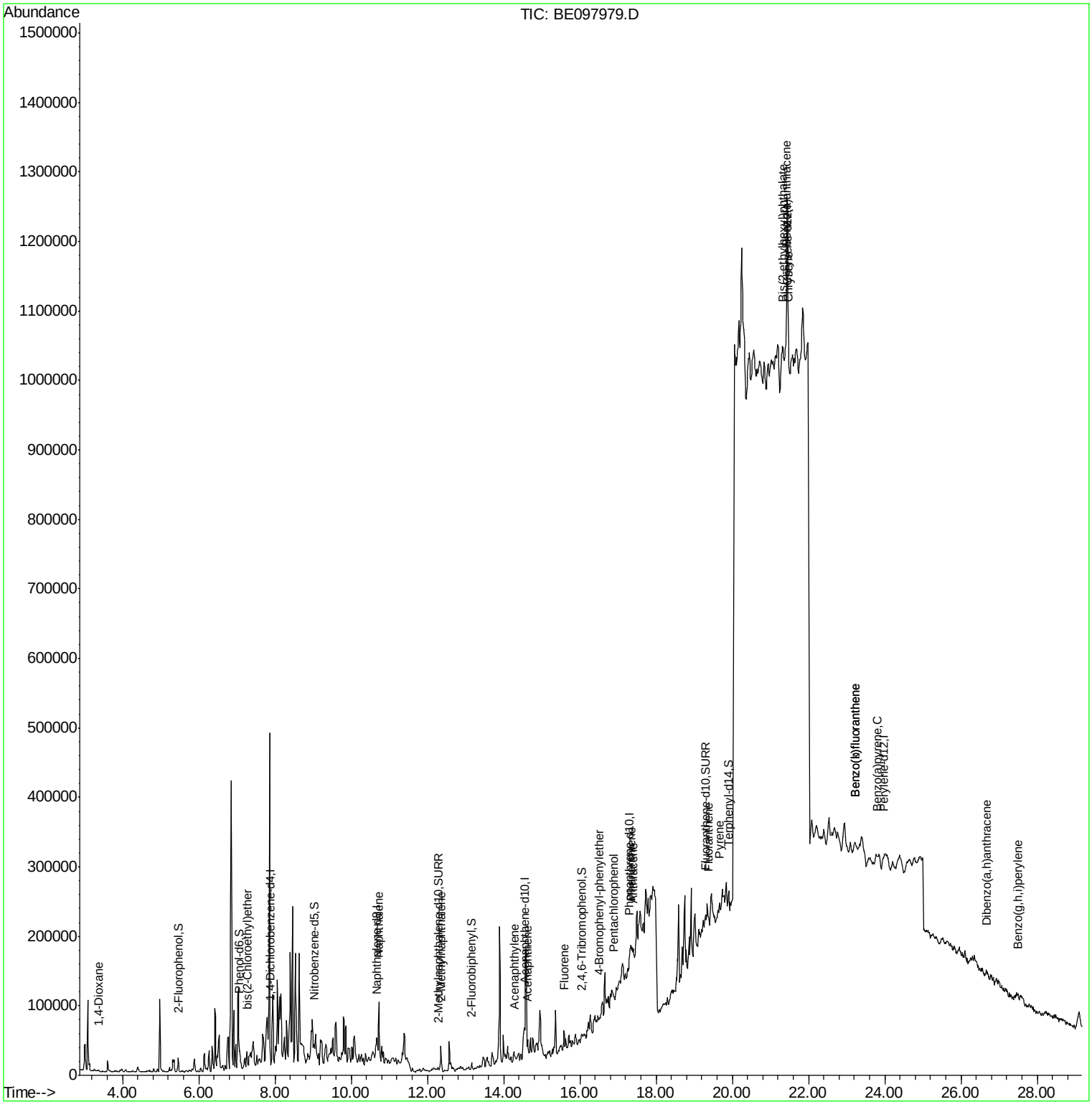
(#) = qualifier out of range (m) = manual integration (+) = signals summed

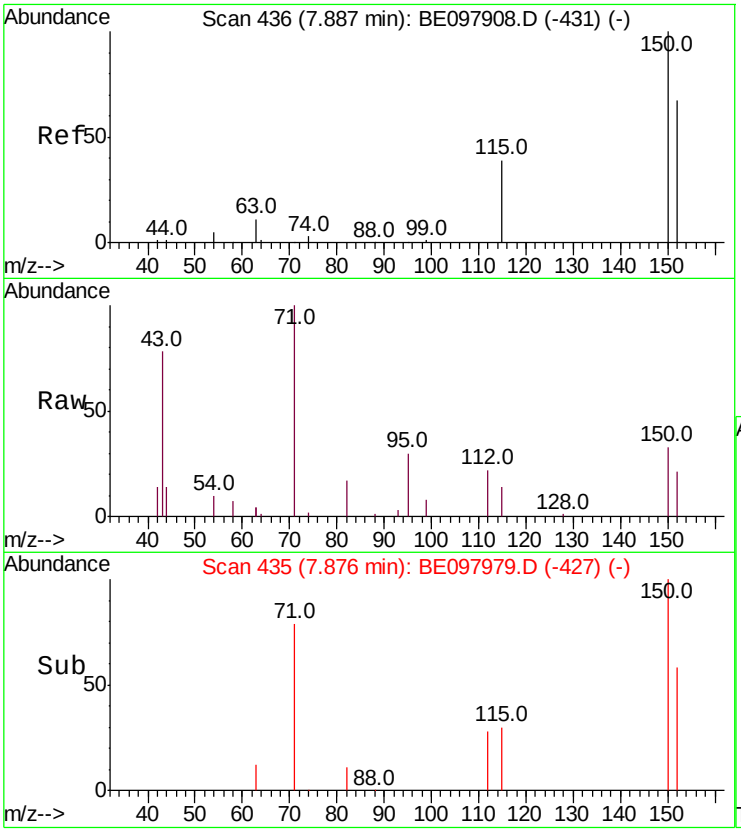
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101818\
Data File : BE097979.D
Acq On : 18 Oct 2018 16:10
Operator : SJ/JU
Sample : J5521-09RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Oct 19 01:08:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 15:36:44 2018
Response via : Initial Calibration



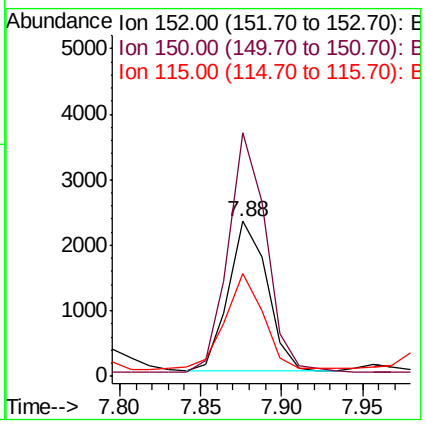


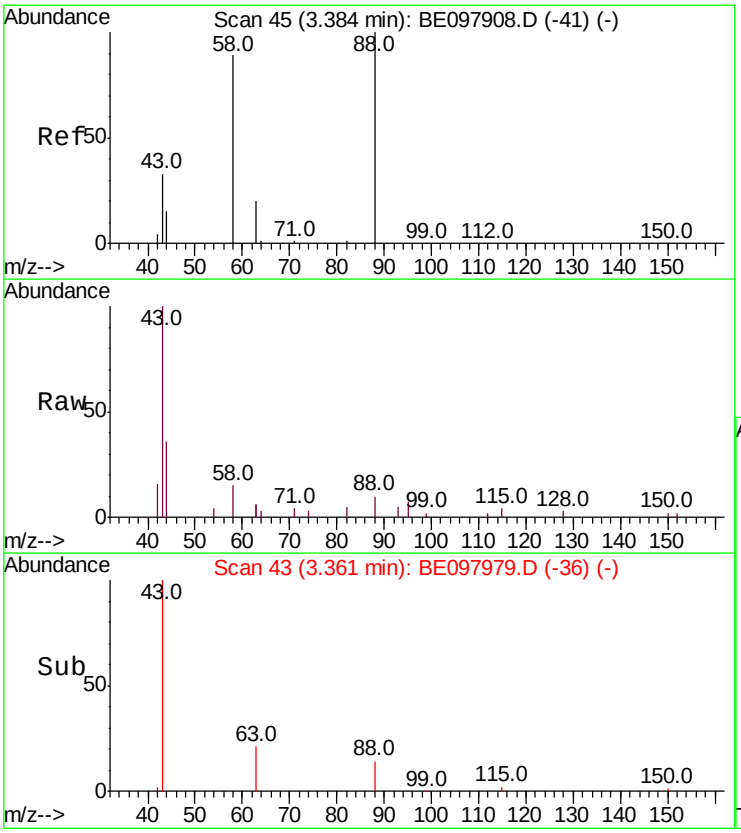

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. -0.01 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

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

Tgt Ion:152 Resp: 3787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.3 | 118.2 | 177.4 |
| 115 | 66.2 | 50.9 | 76.3 |

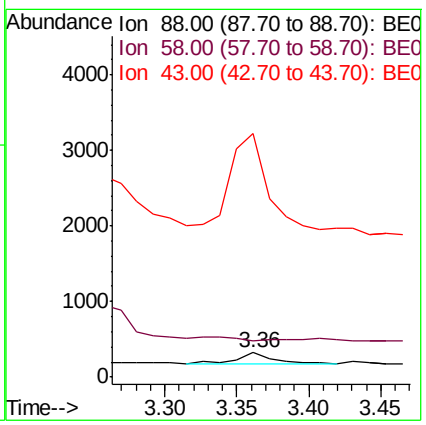


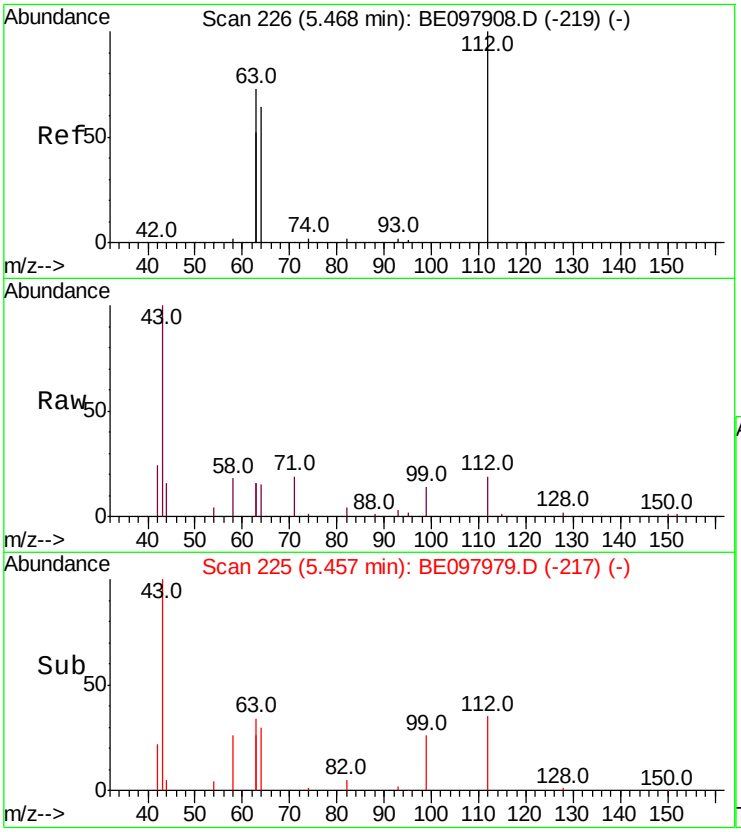




#2
1,4-Dioxane
Concen: 0.037 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.02 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

Tgt Ion: 88 Resp: 245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 0.0 | 73.2 | 109.8# |
| 43 | 878.8 | 36.9 | 55.3# |



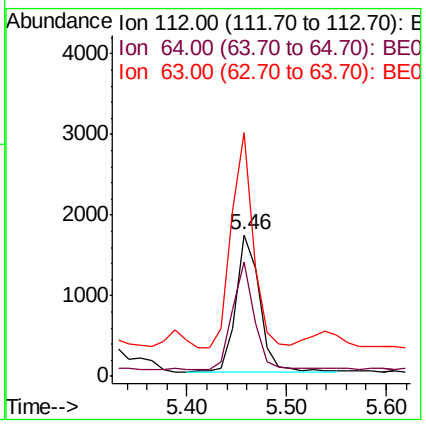


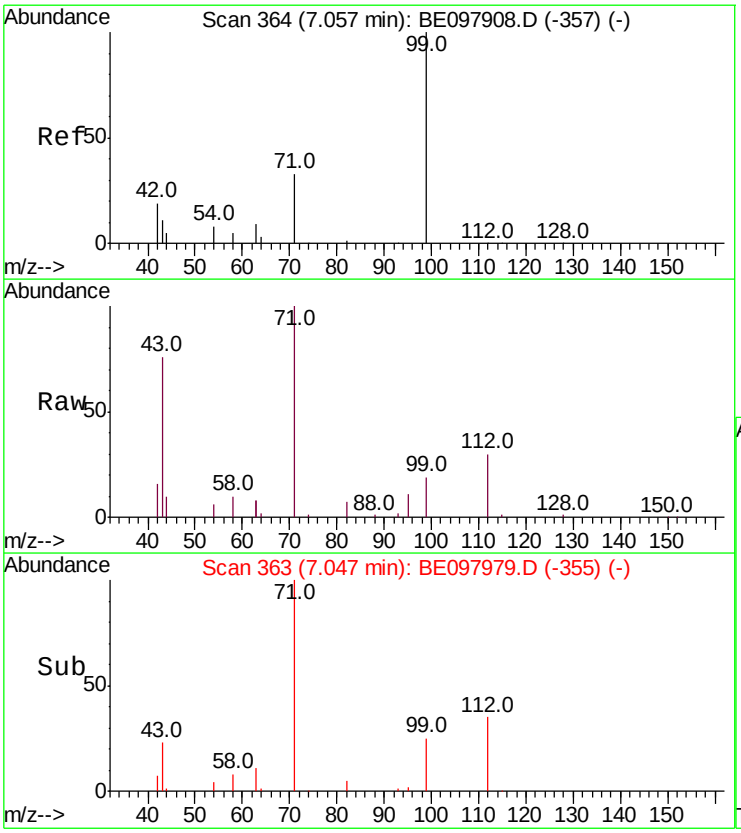

#4
2-Fluorophenol
Concen: 0.233 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.01 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

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

Tgt Ion:112 Resp: 2787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 72.5 | 58.9 | 88.3 |
| 63 | 146.3 | 120.3 | 180.5 |

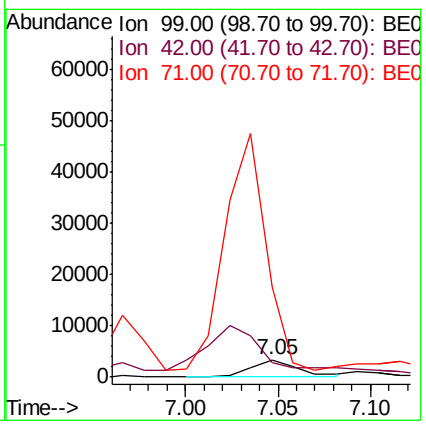


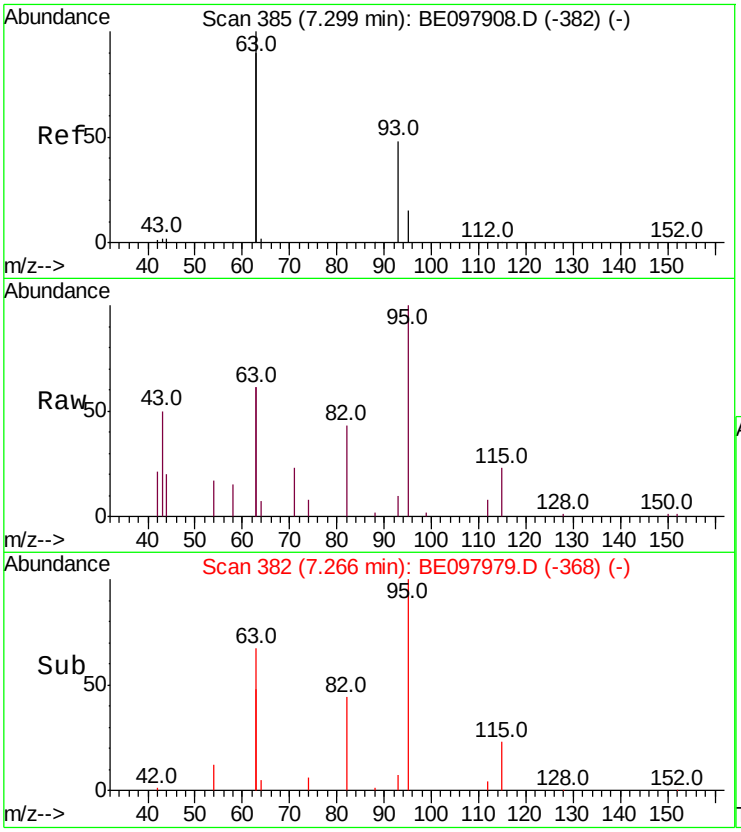




#5
Phenol-d6
Concen: 0.328 ng
RT: 7.05 min Scan# 363
Delta R.T. -0.01 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

Tgt Ion: 99 Resp: 5797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 0.0 | 19.9 | 29.9# |
| 71 | 0.0 | 27.8 | 41.8# |



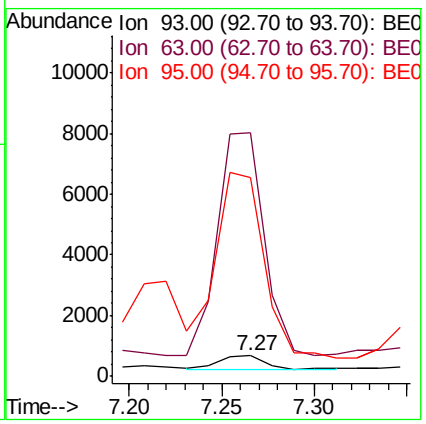


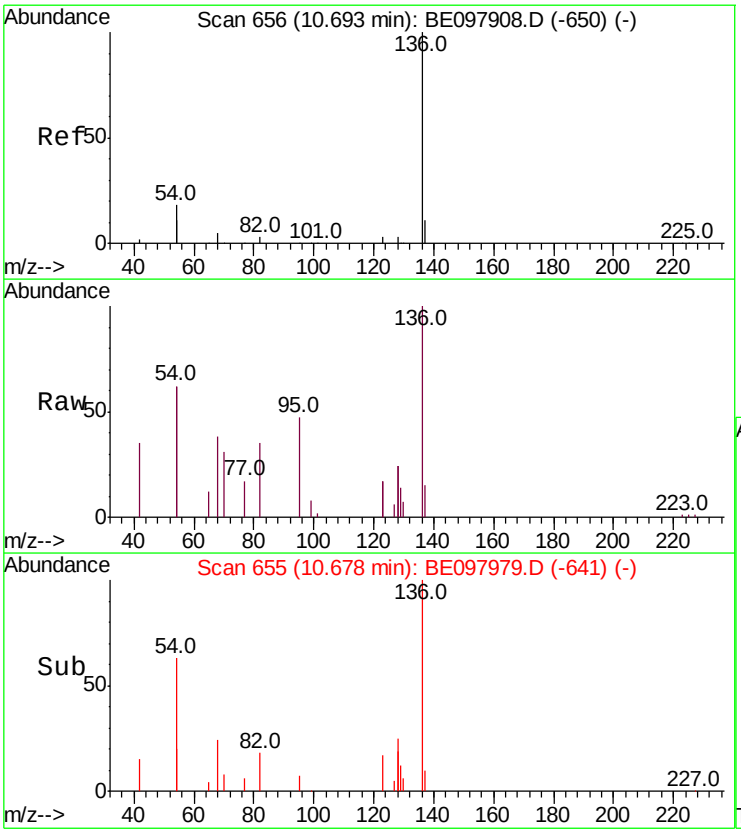

#6
bis(2-Chloroethyl)ether
Concen: 0.057 ng
RT: 7.27 min Scan# 382
Delta R.T. -0.03 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

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

Tgt Ion: 93 Resp: 859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 1498.4 | 259.0 | 388.4# |
| 95 | 1292.1 | 27.8 | 41.8# |

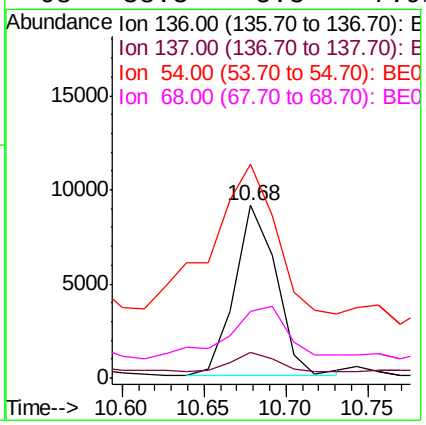


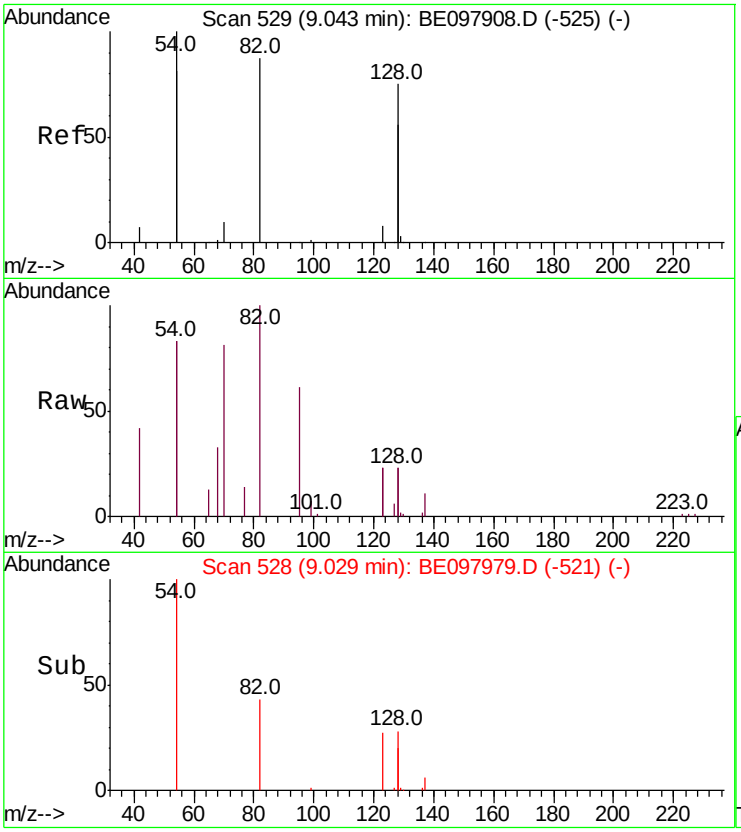




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.01 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

Tgt Ion:136 Resp: 16197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 15.0 | 9.6 | 14.4# |
| 54 | 124.0 | 27.7 | 41.5# |
| 68 | 38.3 | 5.3 | 7.9# |



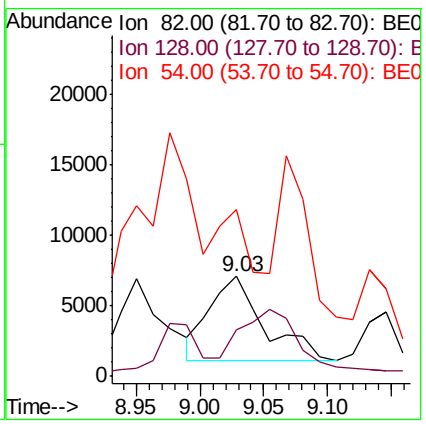


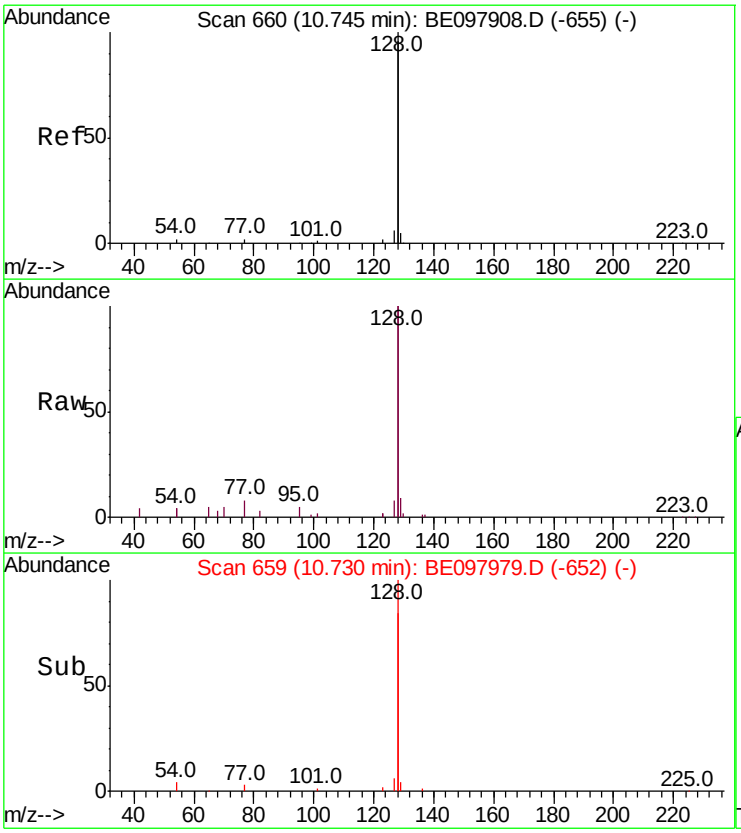

#8
Nitrobenzene-d5
Concen: 1.156 ng
RT: 9.03 min Scan# 528
Delta R.T. -0.01 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

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

Tgt Ion: 82 Resp: 17735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.3 | 129.9 | 194.9# |
| 54 | 166.7 | 174.0 | 261.0# |

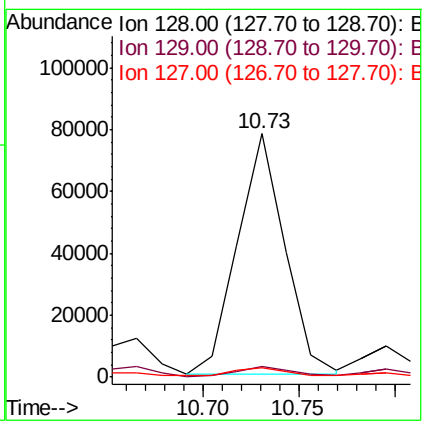


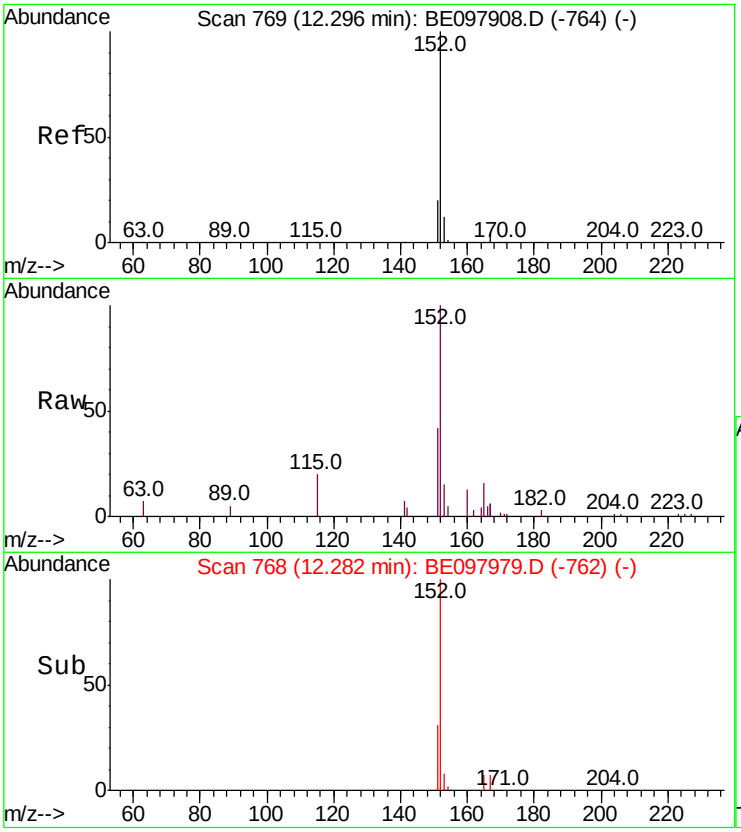




#9
Naphthalene
Concen: 0.828 ng
RT: 10.73 min Scan# 659
Delta R.T. -0.01 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

Tgt Ion:128 Resp: 133493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 4.4 | 2.5 | 3.7# |
| 127 | 3.9 | 2.8 | 4.2 |



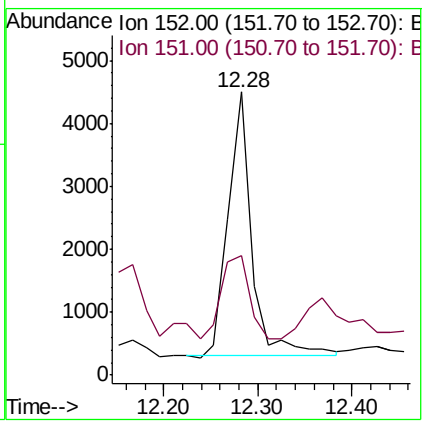


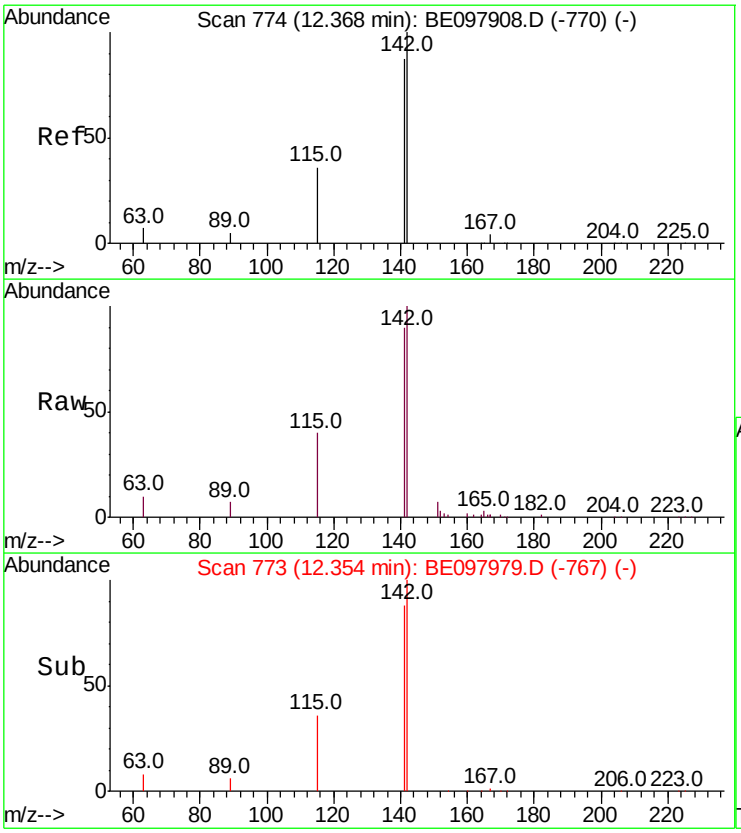

#11
2-Methylnaphthalene-d10
Concen: 0.272 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.01 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

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

Tgt Ion:152 Resp: 7322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 37.1 | 16.2 | 24.4# |

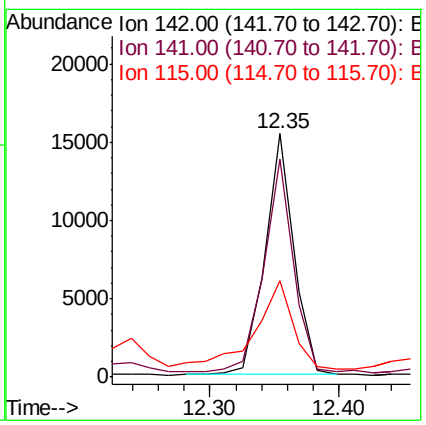


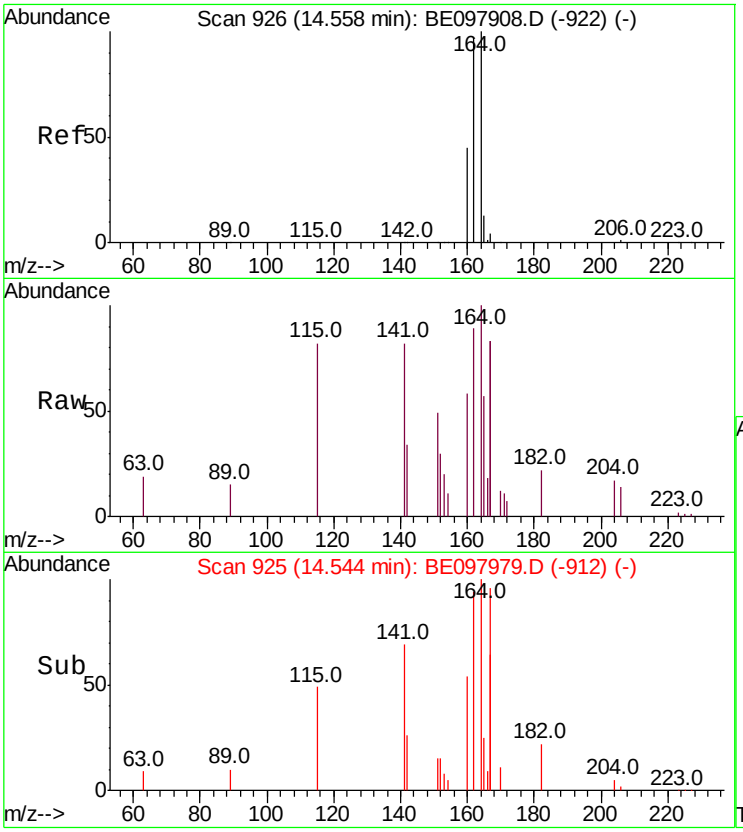




#12
2-Methylnaphthalene
Concen: 0.858 ng
RT: 12.35 min Scan# 773
Delta R.T. -0.01 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

Tgt Ion:142 Resp: 23697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.7 | 69.8 | 104.6 |
| 115 | 39.7 | 30.5 | 45.7 |



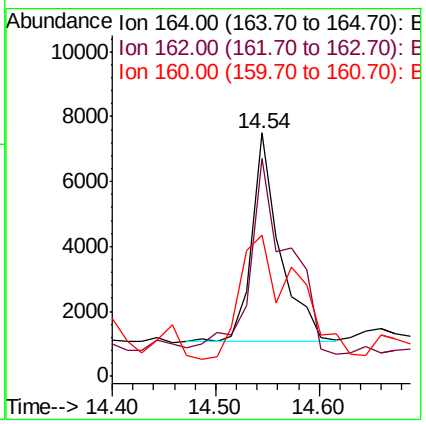


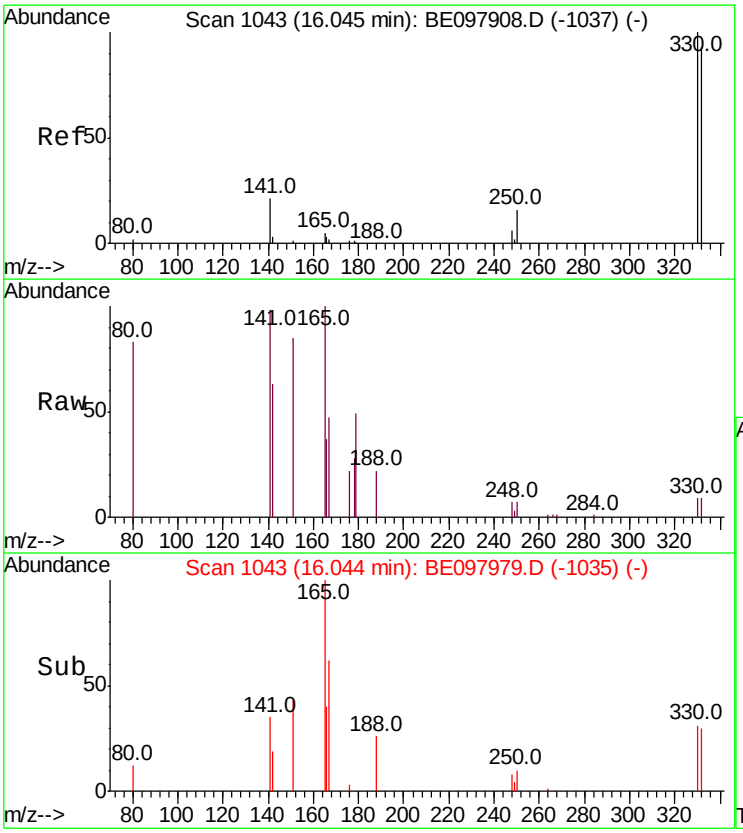

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

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

Tgt Ion:164 Resp: 12015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 89.3 | 77.4 | 116.2 |
| 160 | 58.0 | 36.5 | 54.7# |

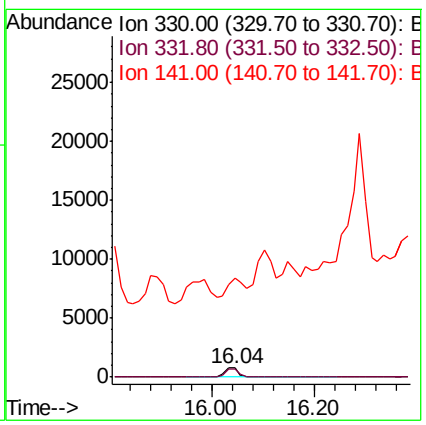


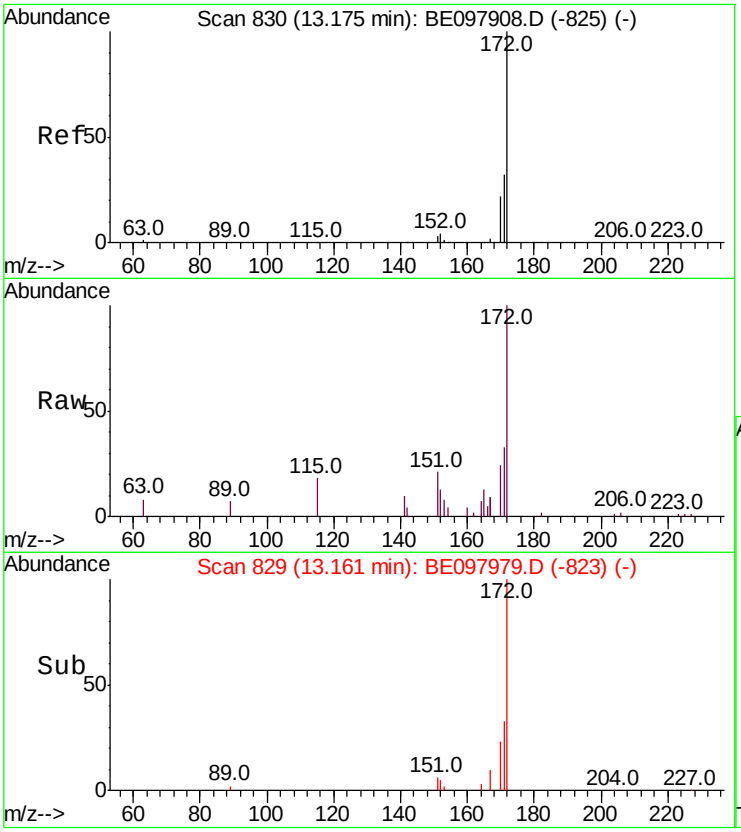




#14
2,4,6-Tribromophenol
Concen: 0.203 ng
RT: 16.04 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

Tgt Ion:330 Resp: 1313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.0 | 76.5 | 114.7 |
| 141 | 249.0 | 31.8 | 47.6# |



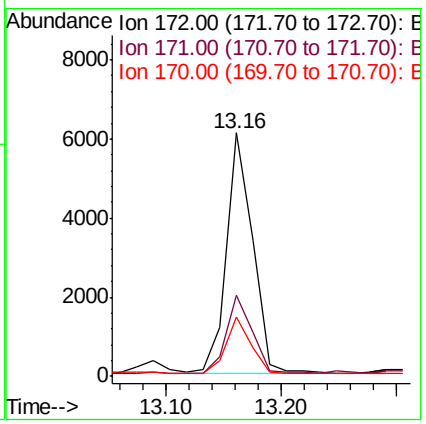


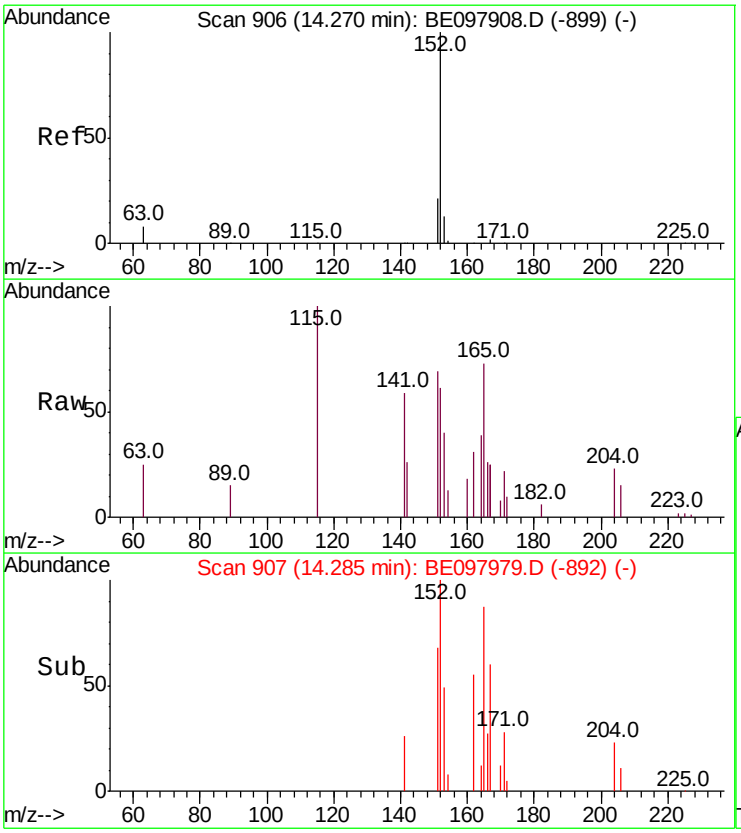

#15
2-Fluorobiphenyl
Concen: 0.195 ng
RT: 13.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

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

Tgt Ion:172 Resp: 9557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 33.2 | 26.0 | 39.0 |
| 170 | 24.1 | 18.0 | 27.0 |

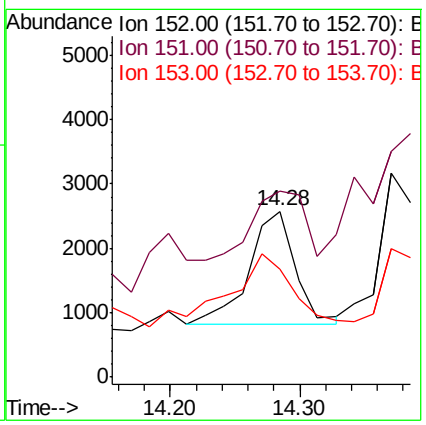


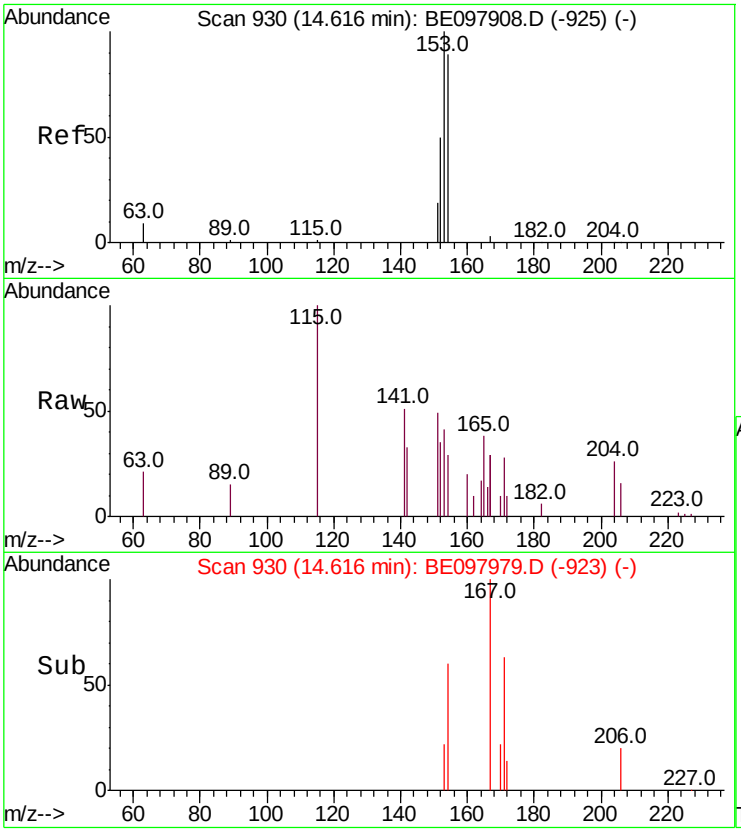




#16
Acenaphthylene
Concen: 0.078 ng
RT: 14.28 min Scan# 907
Delta R.T. 0.01 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

Tgt Ion:152 Resp: 4321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 78.5 | 16.1 | 24.1# |
| 153 | 92.8 | 10.9 | 16.3# |



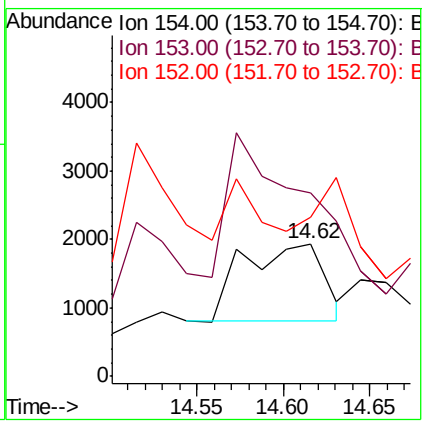


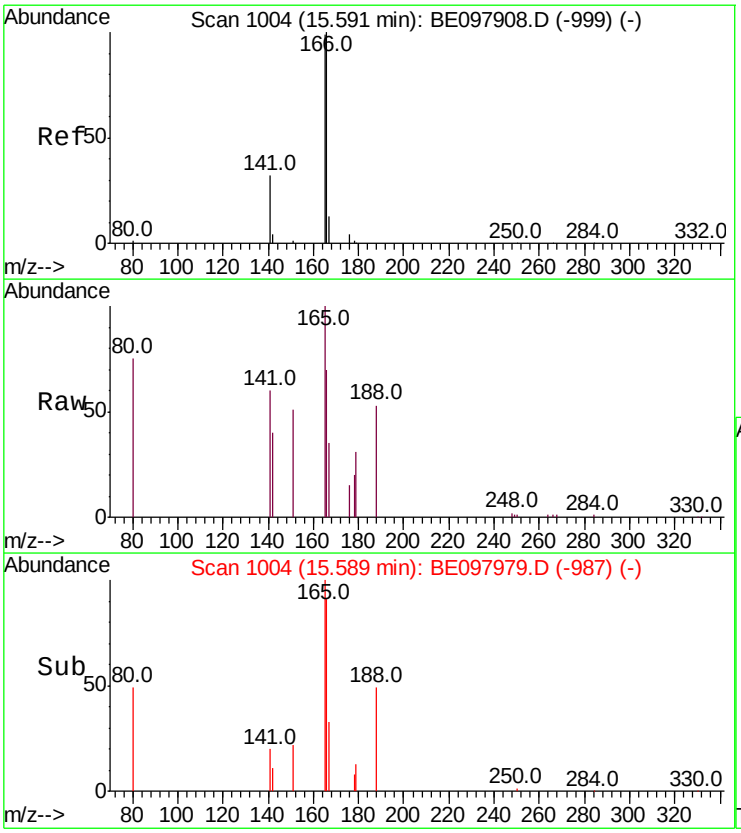

#17
Acenaphthene
Concen: 0.106 ng
RT: 14.62 min Scan# 930
Delta R.T. 0.00 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

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

Tgt Ion:154 Resp: 3605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 0.0 | 92.6 | 139.0# |
| 152 | 34.3 | 45.5 | 68.3# |

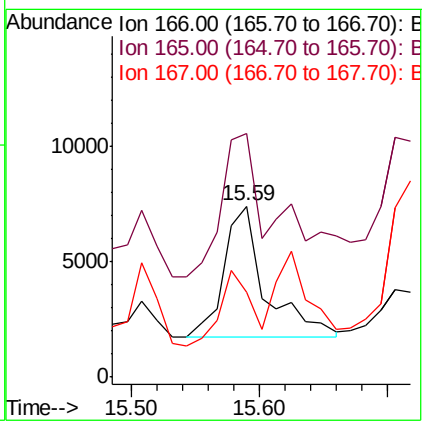


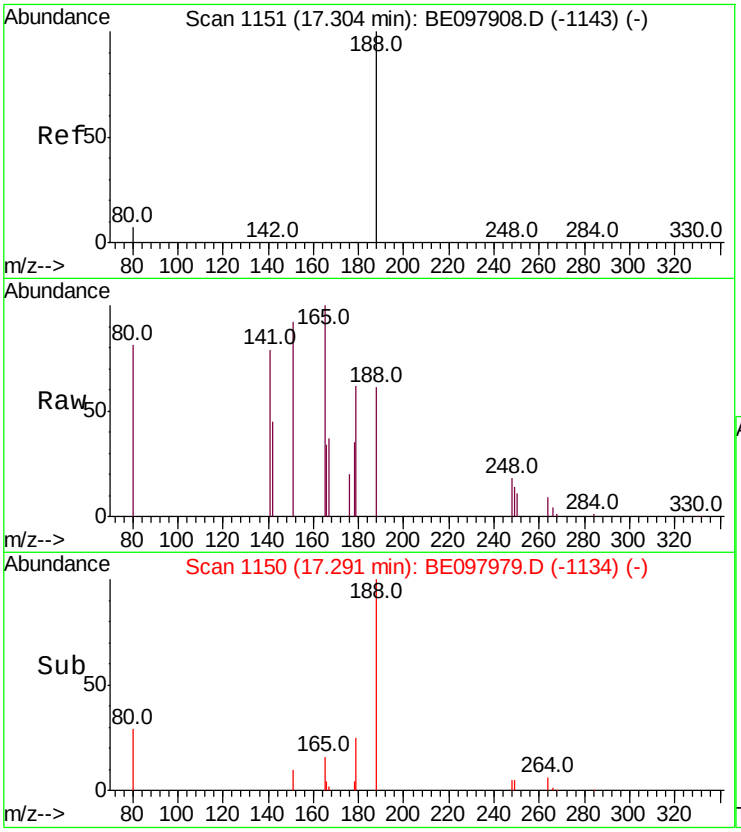




#18
Fluorene
Concen: 0.276 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

Tgt Ion:166 Resp: 12883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 102.0 | 78.2 | 117.4 |
| 167 | 42.0 | 11.0 | 16.6# |



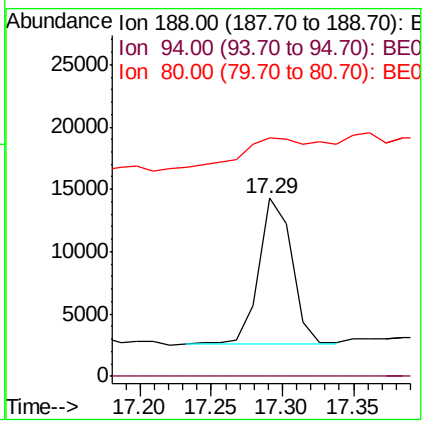


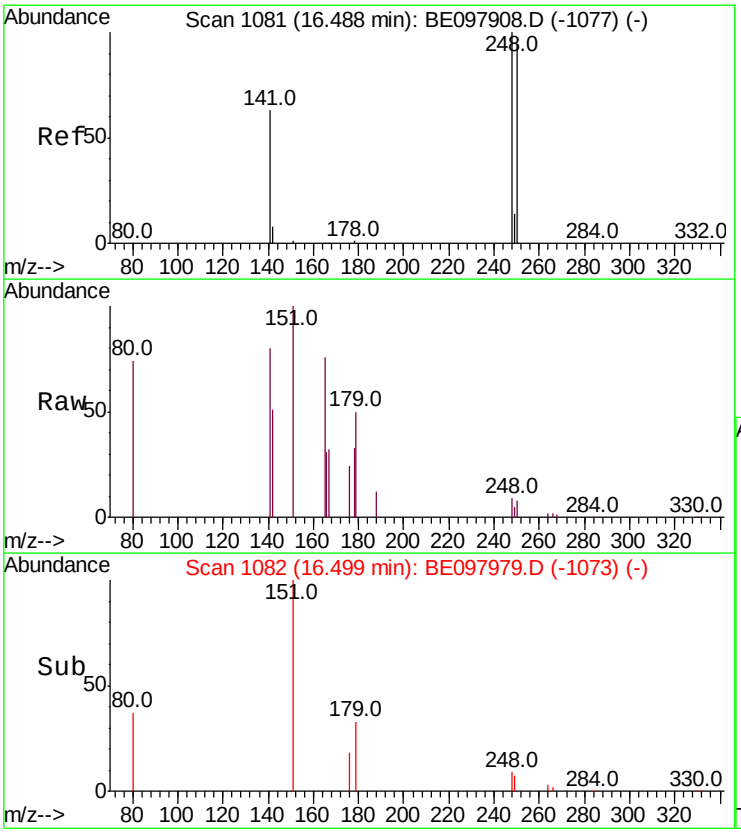

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

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

Tgt Ion:188 Resp: 19048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 134.2 | 6.3 | 9.5# |

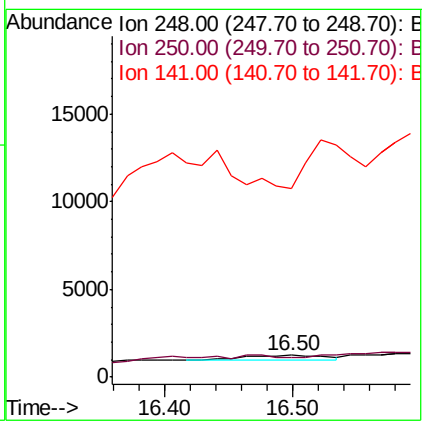


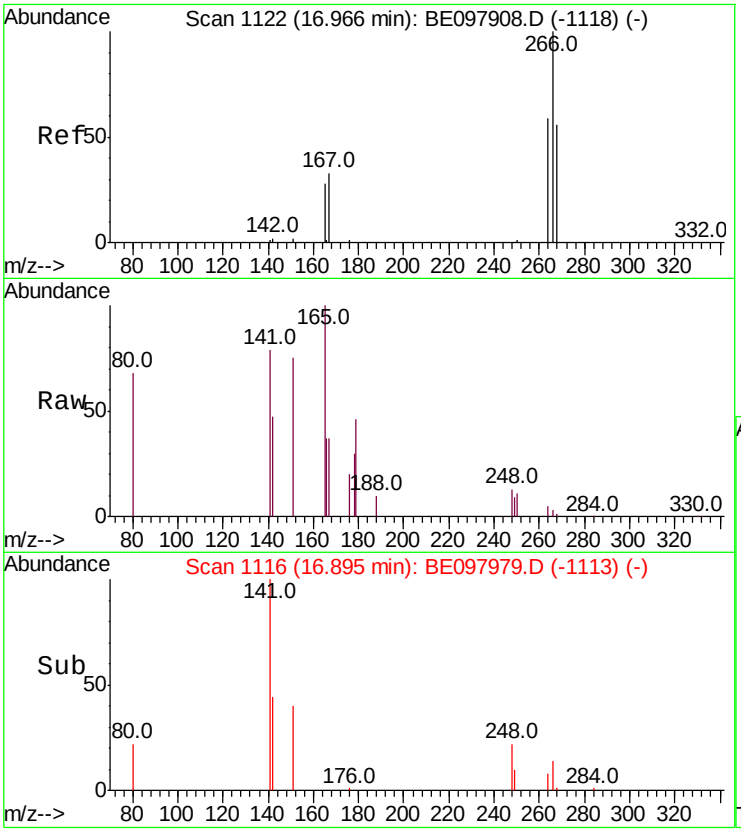




#20
4-Bromophenyl-phenylether
Concen: 0.122 ng
RT: 16.50 min Scan# 1082
Delta R.T. 0.01 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

Tgt Ion:248 Resp: 1268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 90.9 | 75.1 | 112.7 |
| 141 | 869.8 | 51.8 | 77.8# |



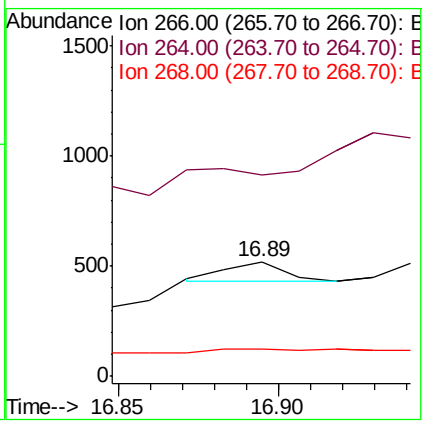


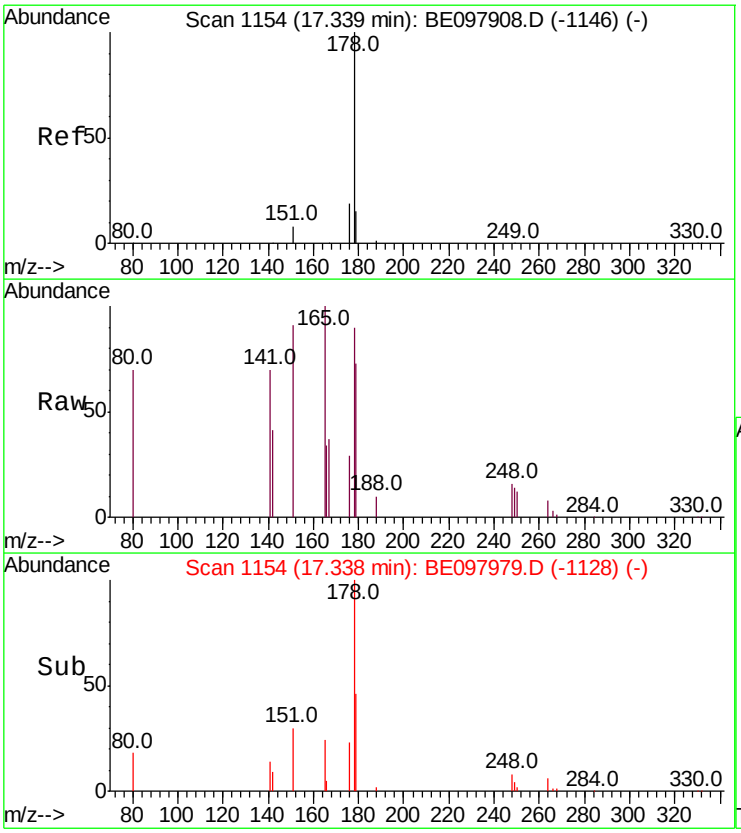

#22
Pentachlorophenol
Concen: 0.072 ng
RT: 16.89 min Scan# 1116
Delta R.T. -0.07 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

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

Tgt Ion:266 Resp: 104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 176.0 | 51.3 | 76.9# |
| 268 | 24.0 | 50.1 | 75.1# |

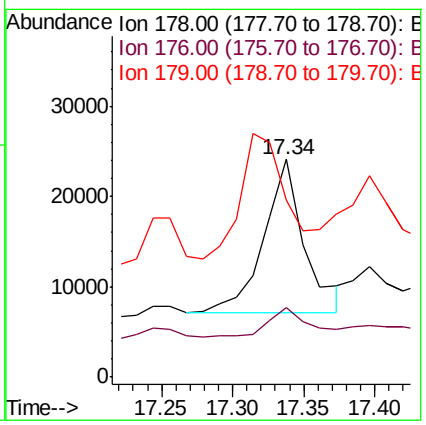


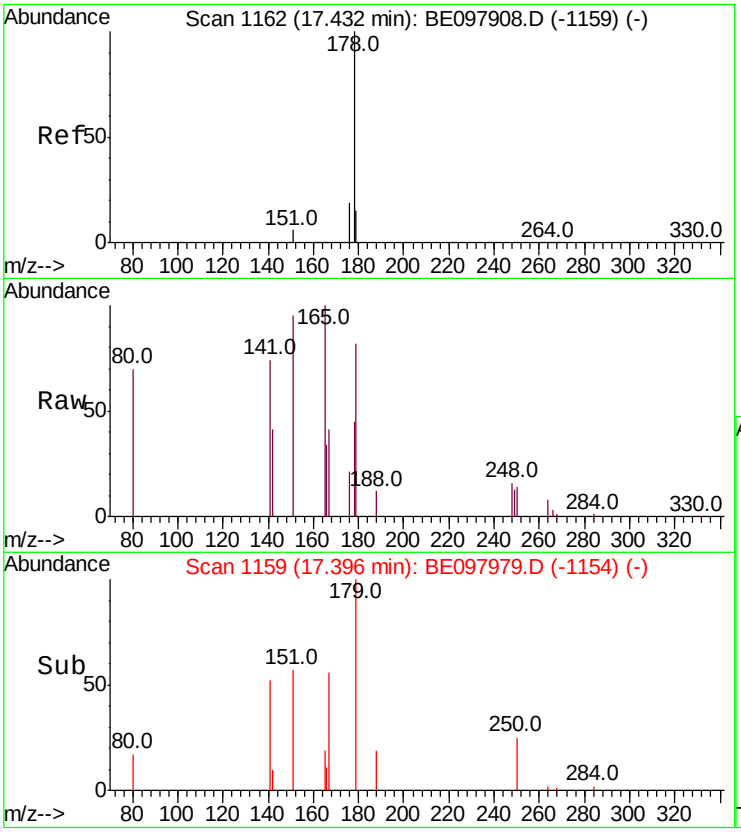




#23
Phenanthrene
Concen: 0.685 ng
RT: 17.34 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

Tgt Ion:178 Resp: 33134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.0 | 15.5 | 23.3 |
| 179 | 0.0 | 12.2 | 18.4# |



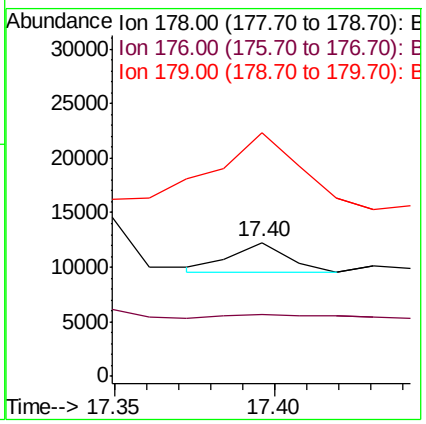


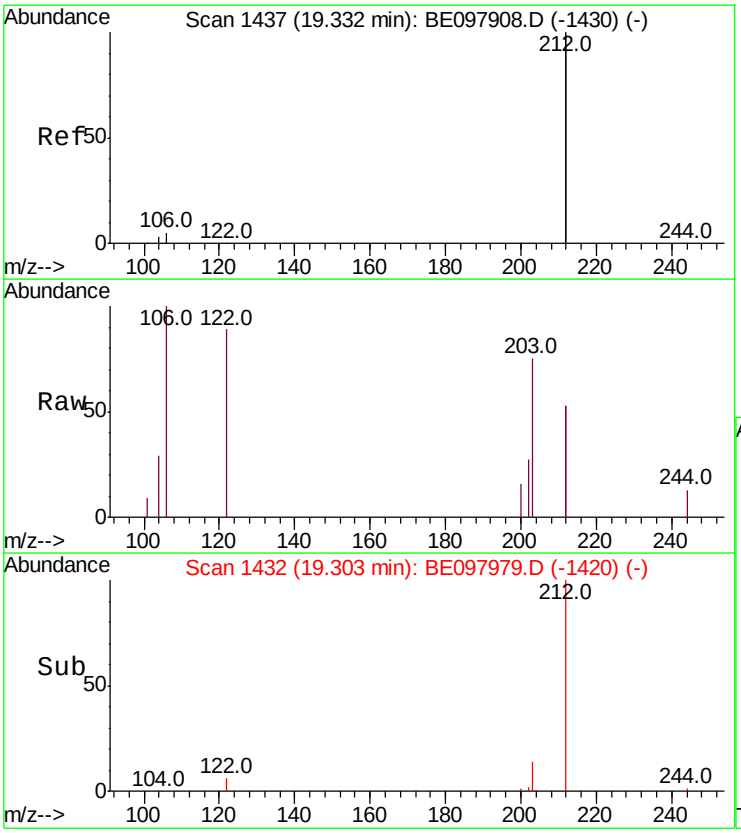

#24
Anthracene
Concen: 0.071 ng
RT: 17.40 min Scan# 1159
Delta R.T. -0.04 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

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

Tgt Ion:178 Resp: 3267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 32.1 | 14.9 | 22.3# |
| 179 | 395.8 | 11.9 | 17.9# |

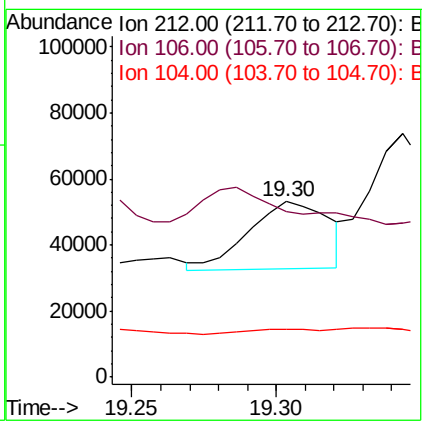


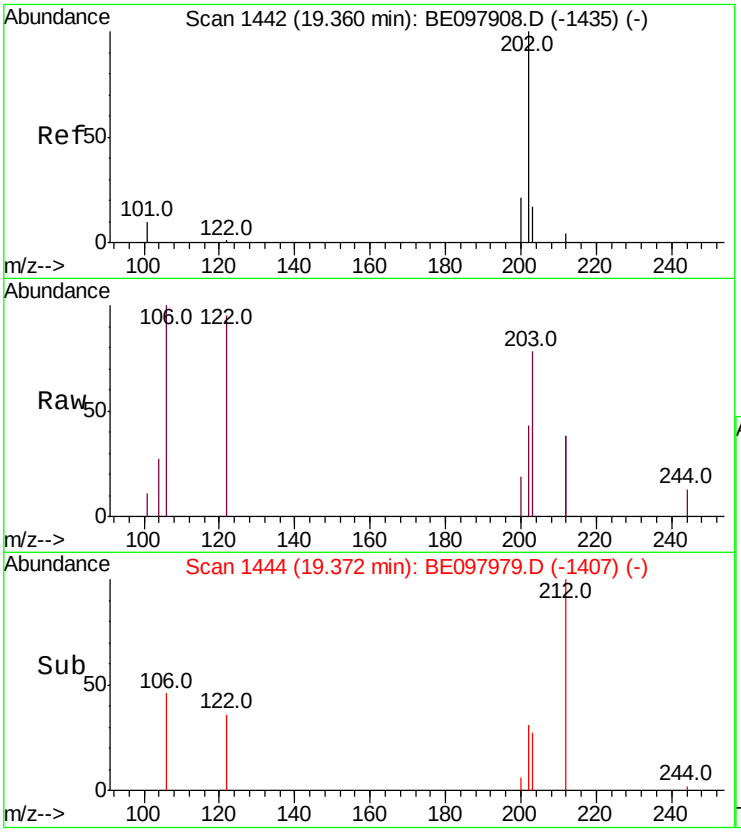




#25
Fluoranthene-d10
Concen: 0.153 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.03 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

Tgt Ion:212 Resp: 39393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 58.4 | 2.3 | 3.5# |
| 104 | 5.9 | 1.3 | 1.9# |



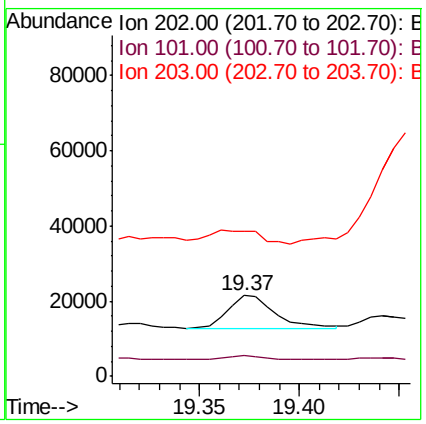


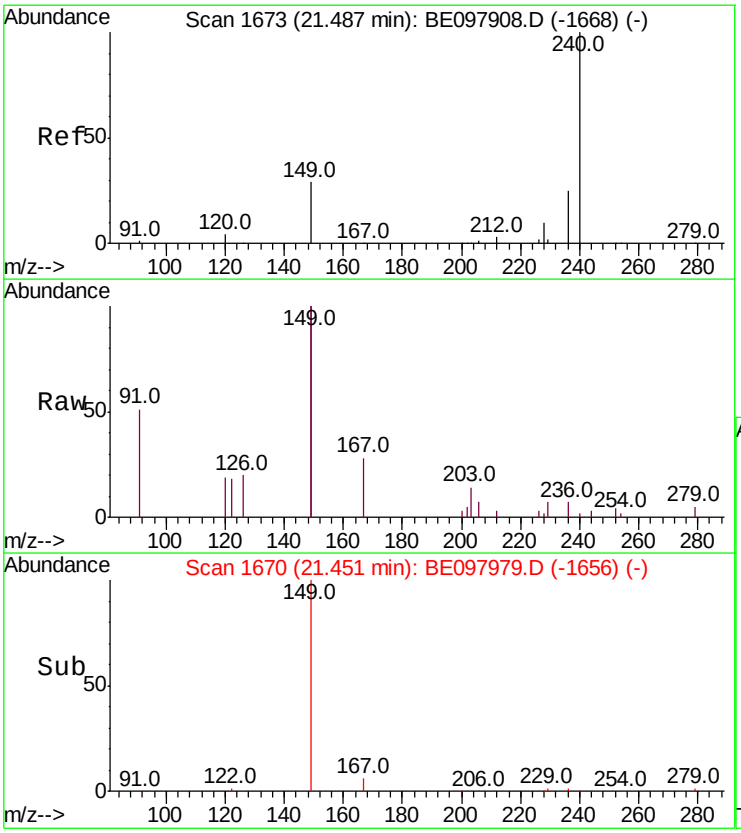

#26
Fluoranthene
Concen: 0.228 ng
RT: 19.37 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

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

Tgt Ion:202 Resp: 14468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.1 | 8.2 | 12.2 |
| 203 | 46.2 | 15.0 | 22.4# |

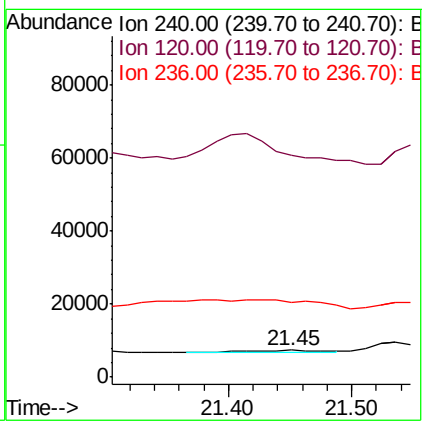


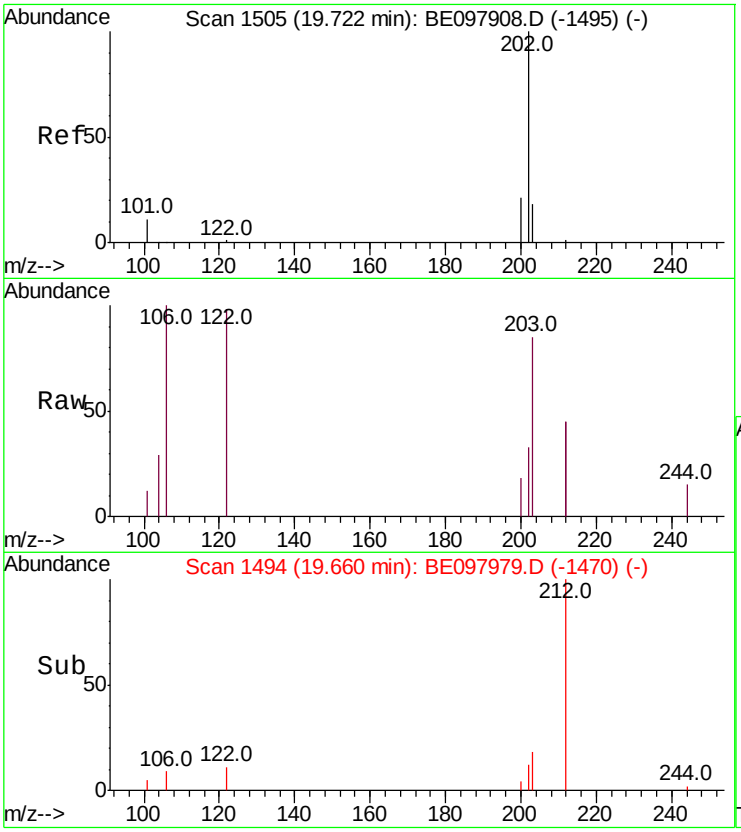




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.04 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

Tgt Ion:240 Resp: 3631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 824.9 | 7.1 | 10.7# |
| 236 | 277.8 | 21.3 | 31.9# |



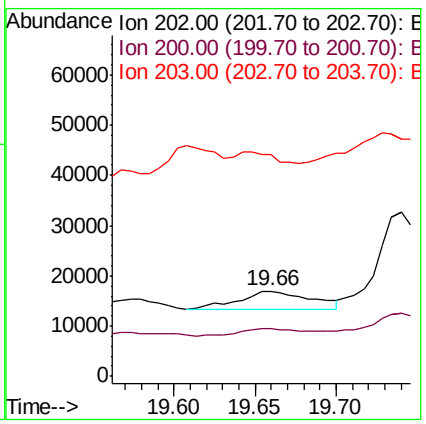


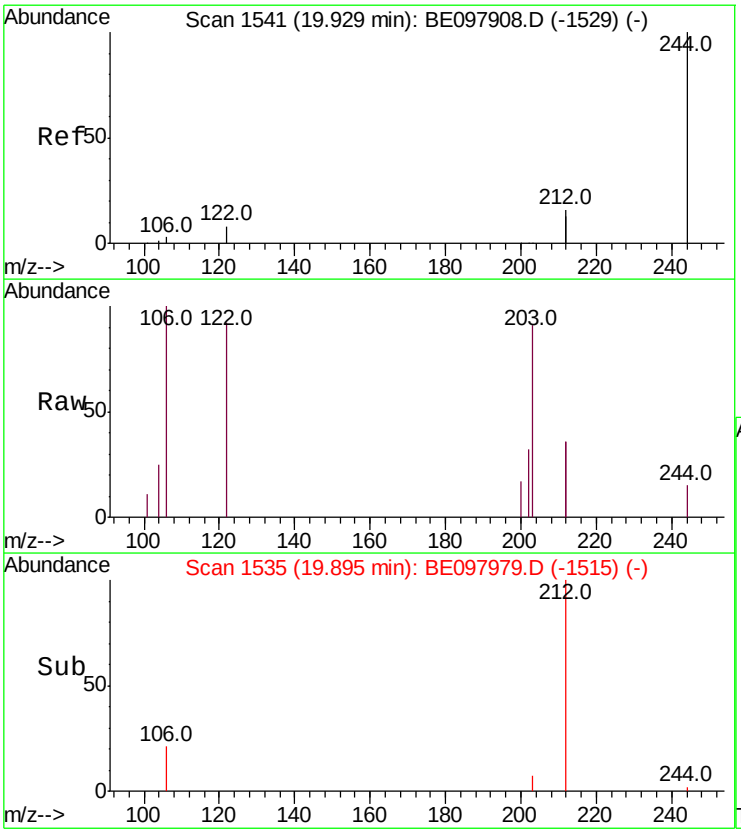

#28
Pyrene
Concen: 1.023 ng
RT: 19.66 min Scan# 1494
Delta R.T. -0.06 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

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

Tgt Ion:202 Resp: 10717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 42.7 | 17.0 | 25.4# |
| 203 | 0.0 | 14.2 | 21.4# |

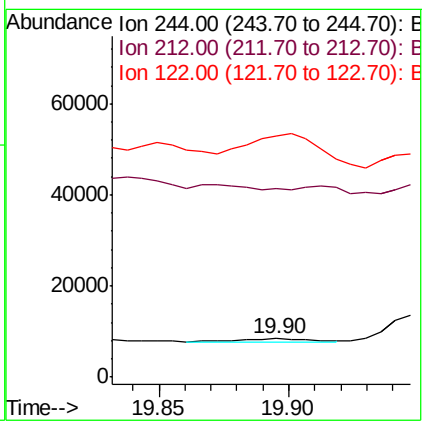


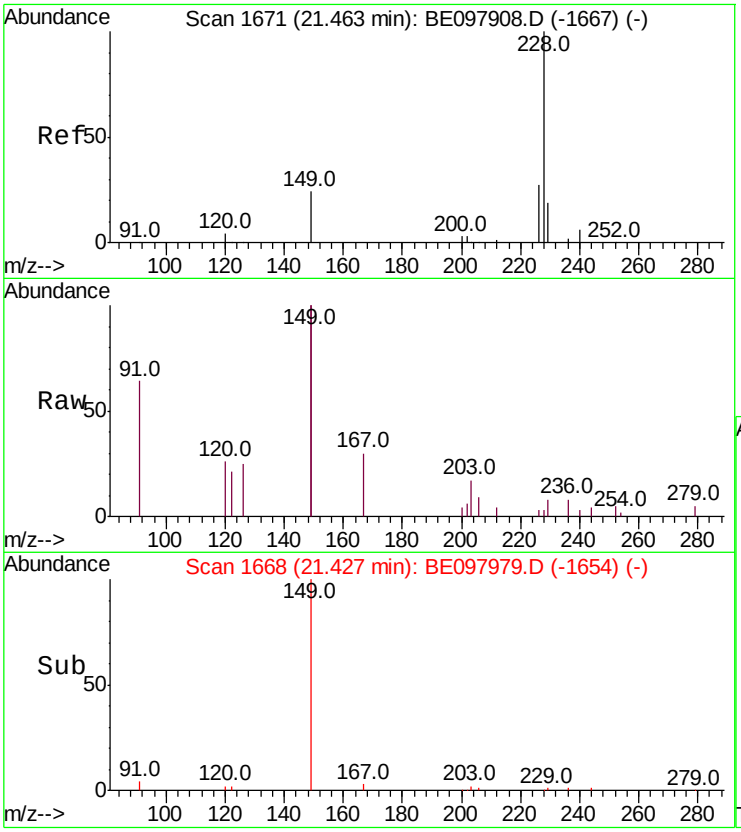




#29
Terphenyl-d14
Concen: 0.145 ng
RT: 19.90 min Scan# 1535
Delta R.T. -0.03 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

Tgt Ion:244 Resp: 1207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 493.3 | 26.2 | 39.2# |
| 122 | 629.4 | 7.7 | 11.5# |



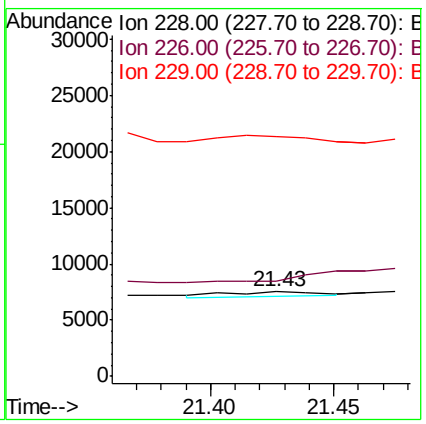


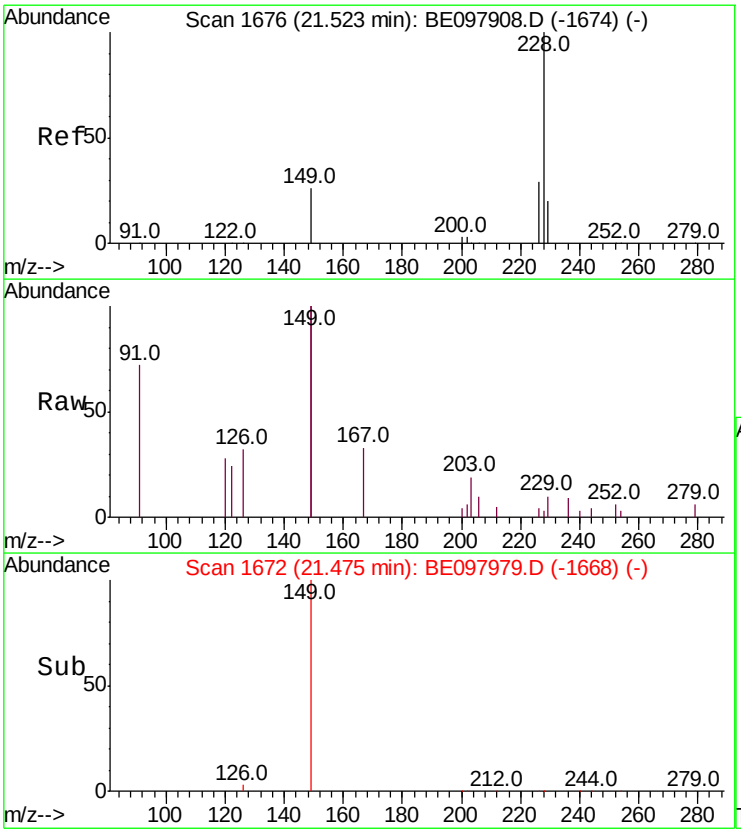

#30
Benzo(a)anthracene
Concen: 0.095 ng
RT: 21.43 min Scan# 1668
Delta R.T. -0.04 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

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

Tgt Ion:228 Resp: 1058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 112.9 | 22.6 | 33.8# |
| 229 | 283.7 | 16.9 | 25.3# |

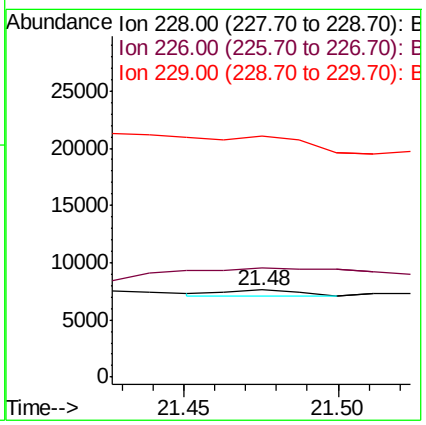


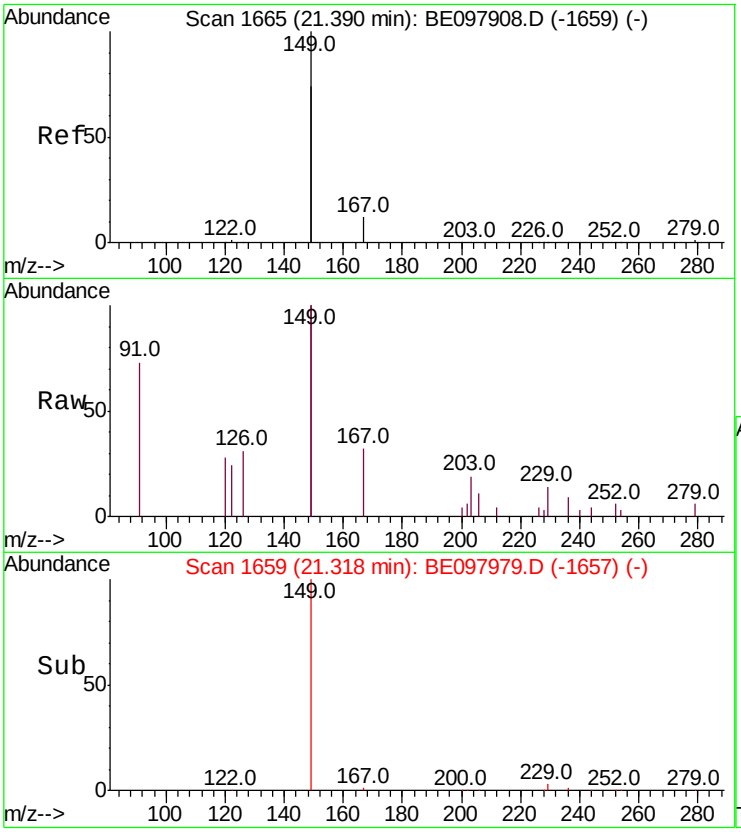




#31
Chrysene
Concen: 0.081 ng
RT: 21.48 min Scan# 1672
Delta R.T. -0.05 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

Tgt Ion:228 Resp: 857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 125.9 | 24.3 | 36.5# |
| 229 | 277.9 | 17.3 | 25.9# |



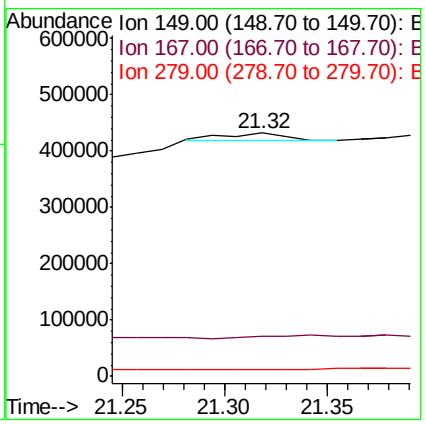


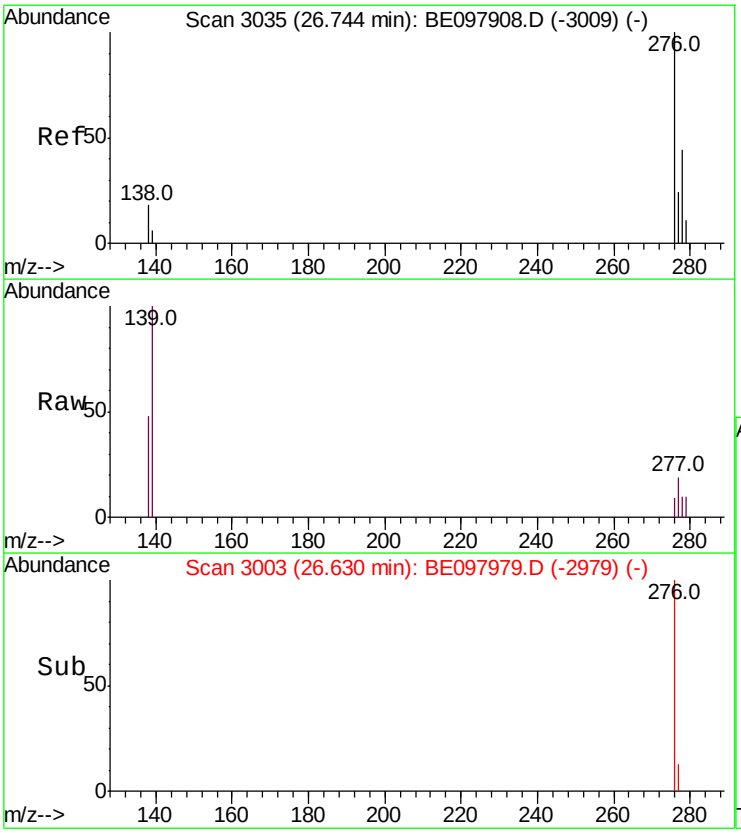

#32
Bis(2-ethylhexyl)phthalate
Concen: 1.235 ng
RT: 21.32 min Scan# 1659
Delta R.T. -0.07 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

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

Tgt Ion:149 Resp: 25921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 0.0 | 5.6 | 8.4# |
| 279 | 0.0 | 0.9 | 1.3# |

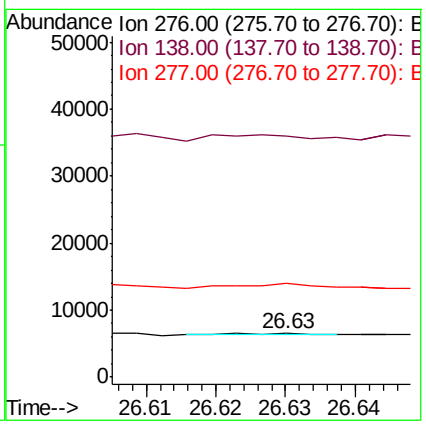


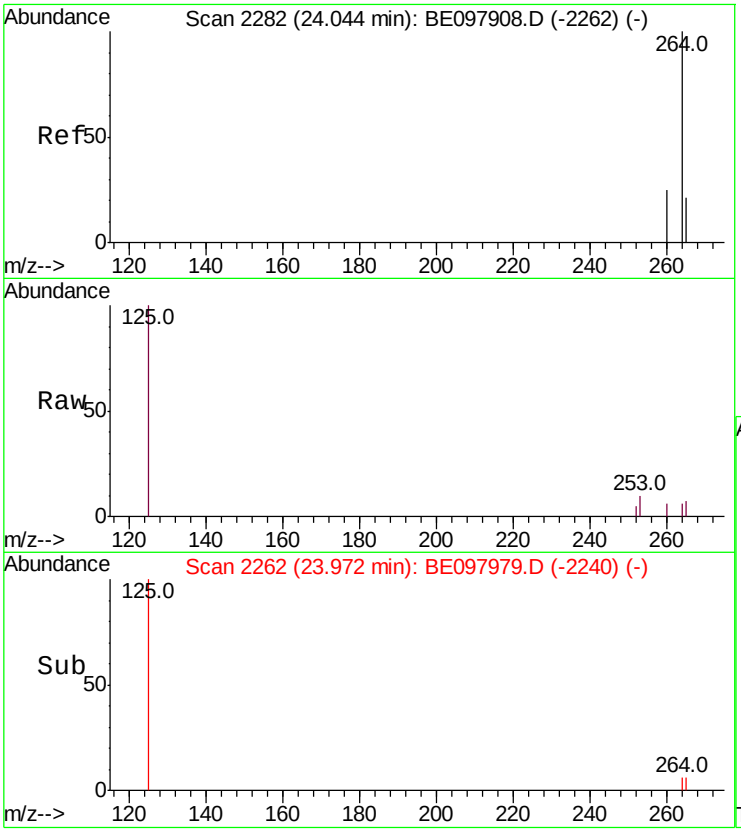




#33
Indeno(1,2,3-cd)pyrene
Concen: Below Cal
RT: 26.63 min Scan# 3003
Delta R.T. -0.11 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

Tgt Ion:276 Resp: 143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 704.2 | 17.0 | 25.6# |
| 277 | 305.6 | 20.5 | 30.7# |



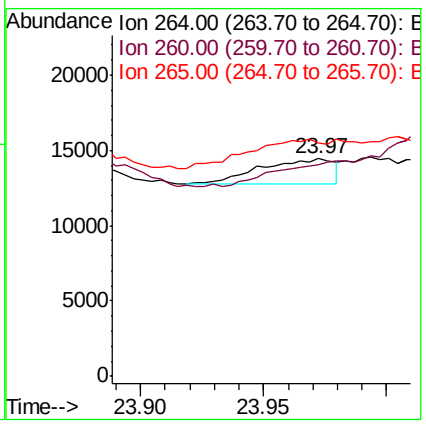


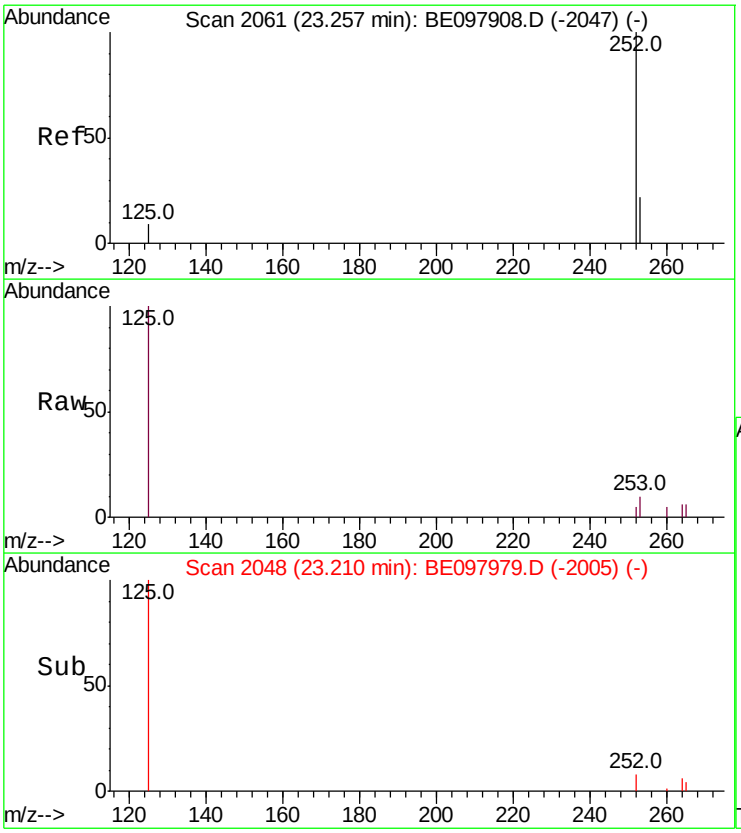

#34
Perylene-d12
Concen: 0.400 ng
RT: 23.97 min Scan# 2262
Delta R.T. -0.07 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

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

Tgt Ion:264 Resp: 3566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 97.0 | 21.1 | 31.7# |
| 265 | 107.4 | 29.2 | 43.8# |

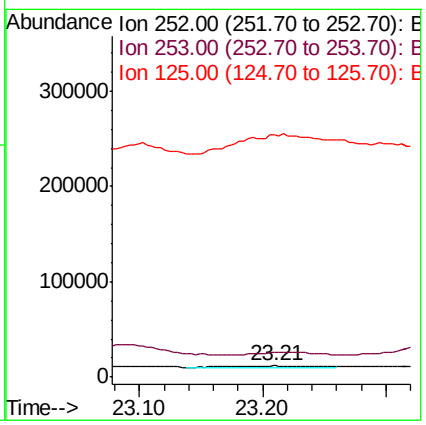


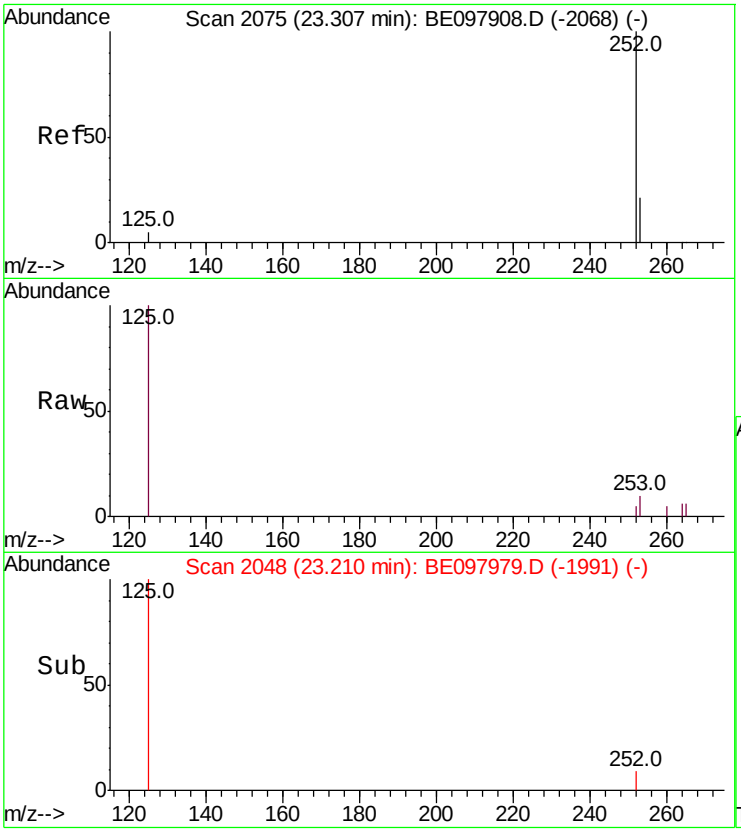




#35
Benzo(b)fluoranthene
Concen: 0.522 ng
RT: 23.21 min Scan# 2048
Delta R.T. -0.05 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

Tgt Ion:252 Resp: 5353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 216.5 | 20.6 | 31.0# |
| 125 | 2136.6 | 14.3 | 21.5# |



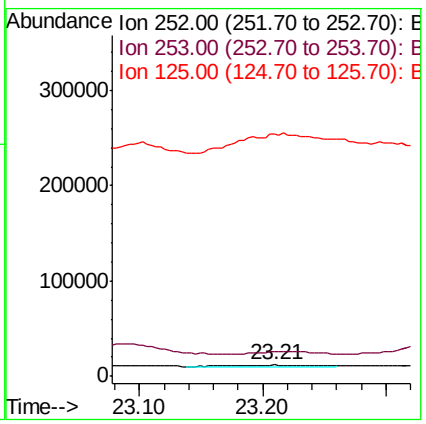


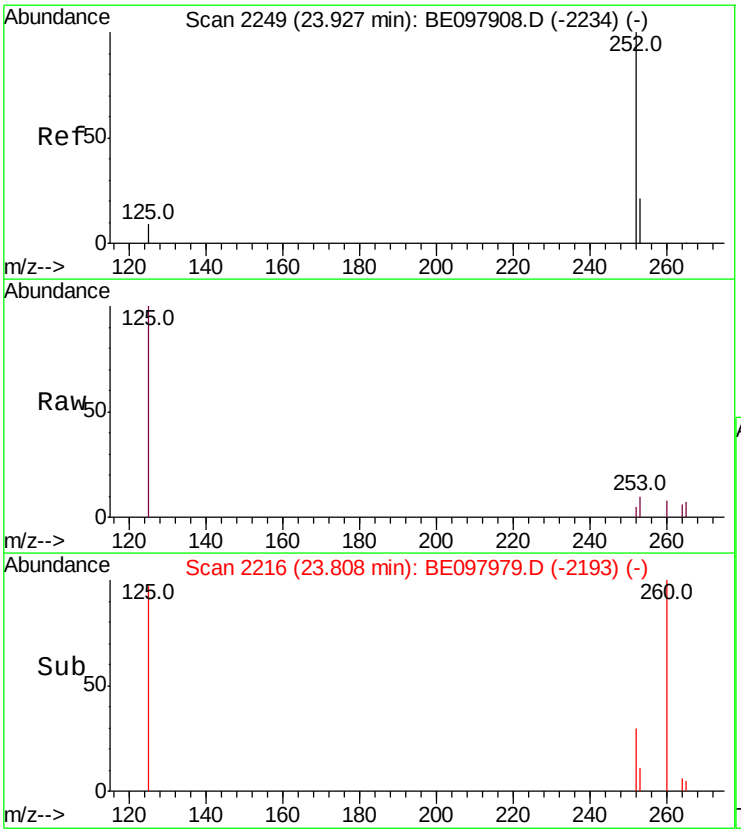

#36
Benzo(k)fluoranthene
Concen: 0.501 ng
RT: 23.21 min Scan# 2048
Delta R.T. -0.10 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

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

Tgt Ion:252 Resp: 5353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 216.5 | 20.4 | 30.6# |
| 125 | 2136.6 | 14.6 | 21.8# |

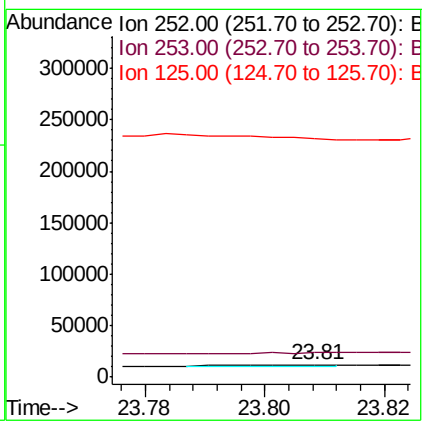


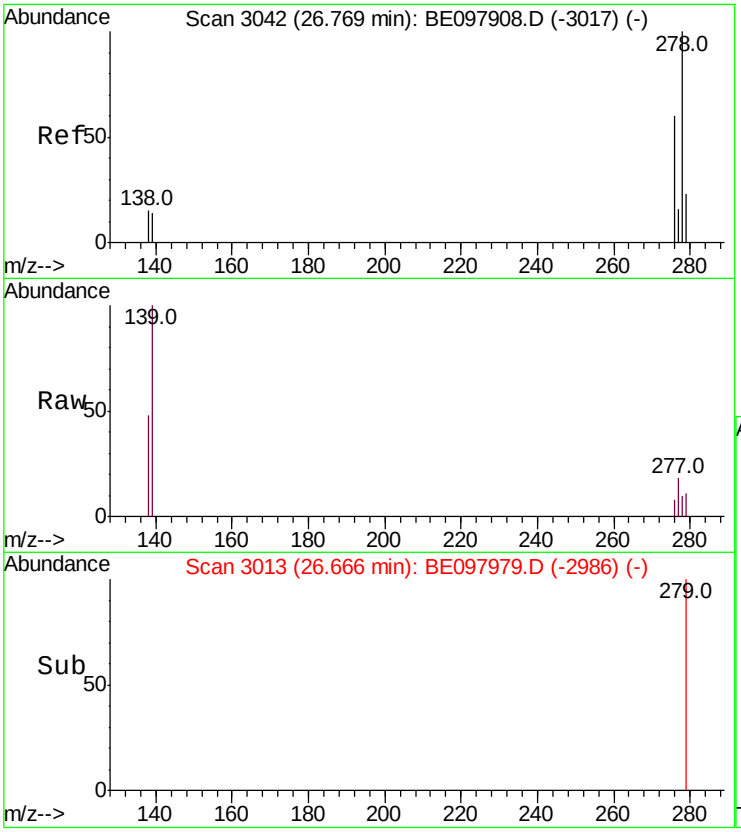




#37
Benzo(a)pyrene
Concen: 0.074 ng
RT: 23.81 min Scan# 2216
Delta R.T. -0.12 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

Tgt Ion:252 Resp: 739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 203.7 | 20.6 | 31.0# |
| 125 | 1986.6 | 15.6 | 23.4# |



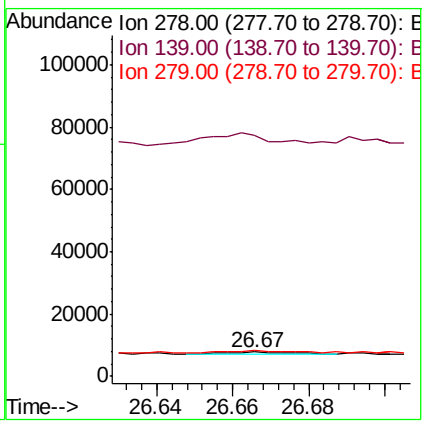


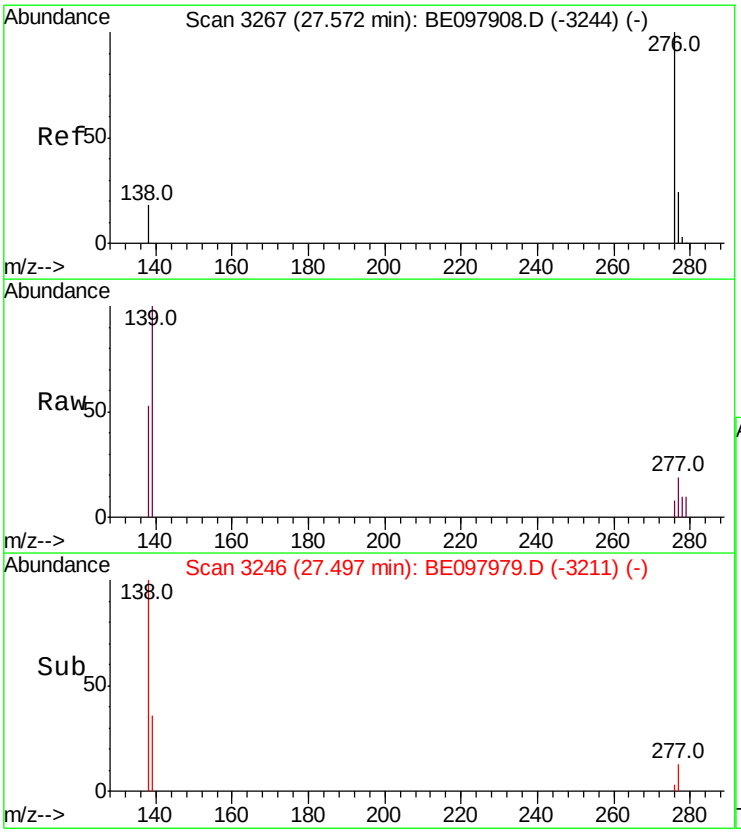

#38
Dibenzo(a,h)anthracene
Concen: 0.063 ng
RT: 26.67 min Scan# 3013
Delta R.T. -0.10 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

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

Tgt Ion:278 Resp: 620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 998.4 | 16.3 | 24.5# |
| 279 | 105.3 | 21.4 | 32.2# |




#39
Benzo(g,h,i)perylene
Concen: 0.032 ng
RT: 27.50 min Scan# 3246
Delta R.T. -0.07 min
Lab File: BE097979.D
Acq: 18 Oct 2018 16:10

Tgt Ion:276 Resp: 319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 224.2 | 22.1 | 33.1# |
| 138 | 626.8 | 19.3 | 28.9# |