Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101917\
Data File : BE094460.D
Acq On : 19 Oct 2017 23:56
Operator : SJ/JU
Sample : I5819-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** 3915-PA4

Quant Time: Oct 20 12:43:47 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 14:54:40 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.90 | 152 | 1347 | 0.40 | ng | | -0.02 |
| 7) Naphthalene-d8 | 10.71 | 136 | 6601 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.53 | 164 | 4096 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.24 | 188 | 8860 | 0.40 | ng | | -0.03 |
| 27) Chrysene-d12 | 21.43 | 240 | 9709 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.95 | 264 | 9359 | 0.40 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.52 | 112 | 571 | 0.13 | ng | | 0.00 |
| 5) Phenol-d6 | 7.15 | 99 | 583 | 0.08 | ng | | 0.02 |
| 8) Nitrobenzene-d5 | 9.08 | 82 | 2408 | 0.42 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.29 | 152 | 4629 | 0.45 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.03 | 330 | 229 | 0.15 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.15 | 172 | 6589 | 0.45 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.28 | 212 | 52589 | 0.37 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.86 | 244 | 12563 | 0.64 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 3) n-Nitrosodimethylamine | 3.72 | 42 | 51 | 0.022 | ng | # | 1 |
| 6) bis(2-Chloroethyl)ether | 7.35 | 93 | 26 | 0.005 | ng | # | 1 |
| 9) Naphthalene | 10.74 | 128 | 429 | 0.006 | ng | # | 65 |
| 10) Hexachlorobutadiene | 11.02 | 225 | 3 | 0.001 | ng | # | 1 |
| 12) 2-Methylnaphthalene | 12.36 | 142 | 41 | 0.003 | ng | # | 57 |
| 16) Acenaphthylene | 14.24 | 152 | 13 | 0.001 | ng | # | 1 |
| 17) Acenaphthene | 14.58 | 154 | 220 | 0.016 | ng | | 92 |
| 18) Fluorene | 15.58 | 166 | 128 | 0.007 | ng | # | 68 |
| 20) 4-Bromophenyl-phenylether | 16.42 | 248 | 4 | 0.001 | ng | # | 27 |
| 21) Hexachlorobenzene | 16.45 | 284 | 4 | 0.027 | ng | # | 1 |
| 23) Phenanthrene | 17.30 | 178 | 688 | 0.020 | ng | # | 65 |
| 24) Anthracene | 17.30 | 178 | 712 | 0.026 | ng | # | 77 |
| 26) Fluoranthene | 19.31 | 202 | 522 | 0.012 | ng | # | 90 |
| 28) Pyrene | 19.67 | 202 | 253 | 0.007 | ng | | 96 |
| 30) Benzo(a)anthracene | 21.40 | 228 | 128 | 0.004 | ng | # | 18 |
| 31) Chrysene | 21.46 | 228 | 159 | 0.005 | ng | # | 33 |
| 32) Bis(2-ethylhexyl)phthalate | 21.29 | 149 | 7495 | 0.078 | ng | # | 97 |
| 33) Indeno(1,2,3-cd)pyrene | 26.62 | 276 | 31 | 0.001 | ng | # | 53 |
| 35) Benzo(b)fluoranthene | 23.17 | 252 | 199 | 0.006 | ng | # | 17 |
| 36) Benzo(k)fluoranthene | 23.22 | 252 | 90 | 0.003 | ng | # | 1 |
| 37) Benzo(a)pyrene | 23.84 | 252 | 32 | 0.001 | ng | # | 1 |
| 38) Dibenzo(a,h)anthracene | 26.65 | 278 | 22 | 0.001 | ng | # | 1 |
| 39) Benzo(g,h,i)perylene | 27.48 | 276 | 50 | 0.002 | ng | # | 25 |

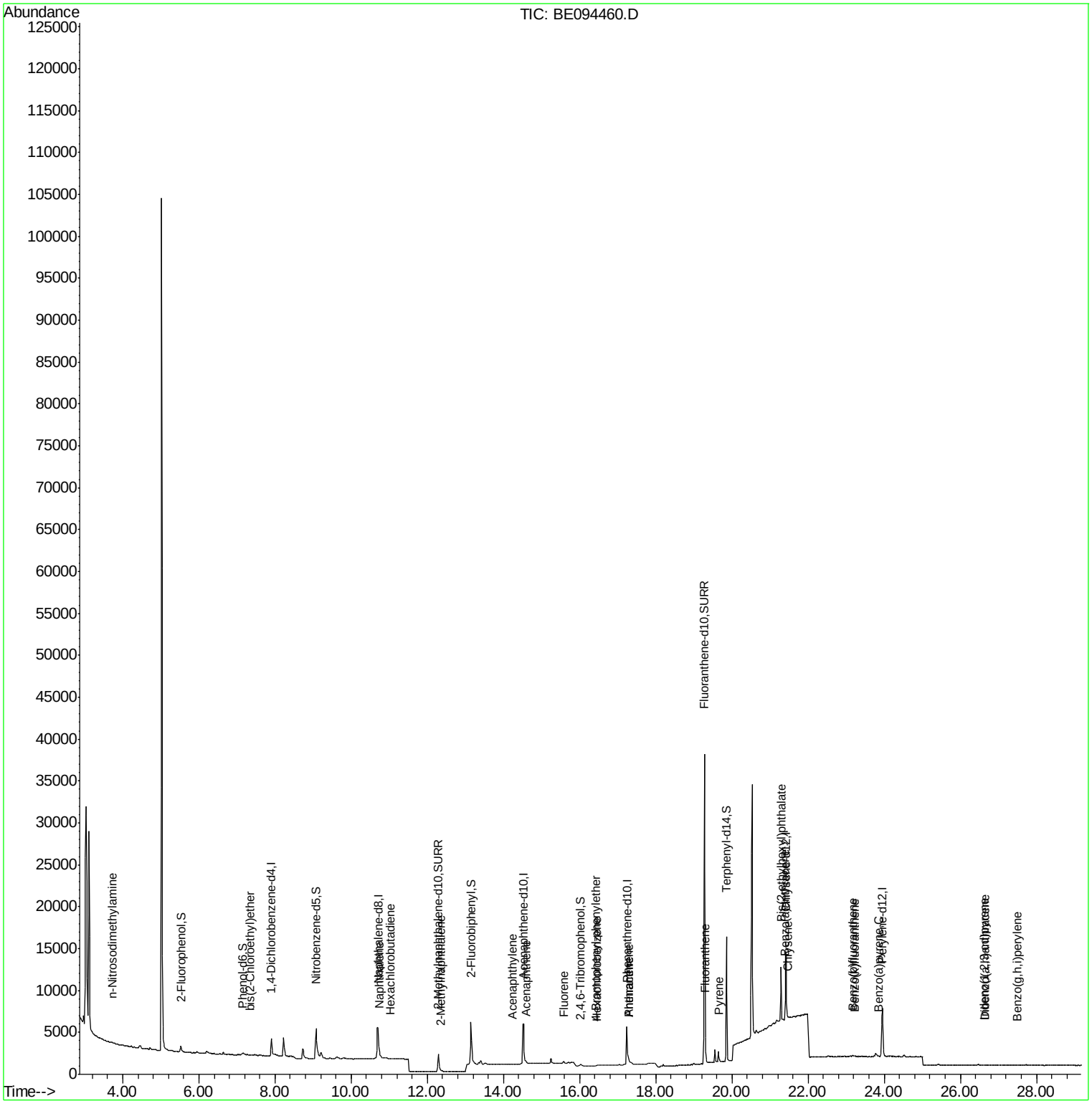
(#) = qualifier out of range (m) = manual integration (+) = signals summed

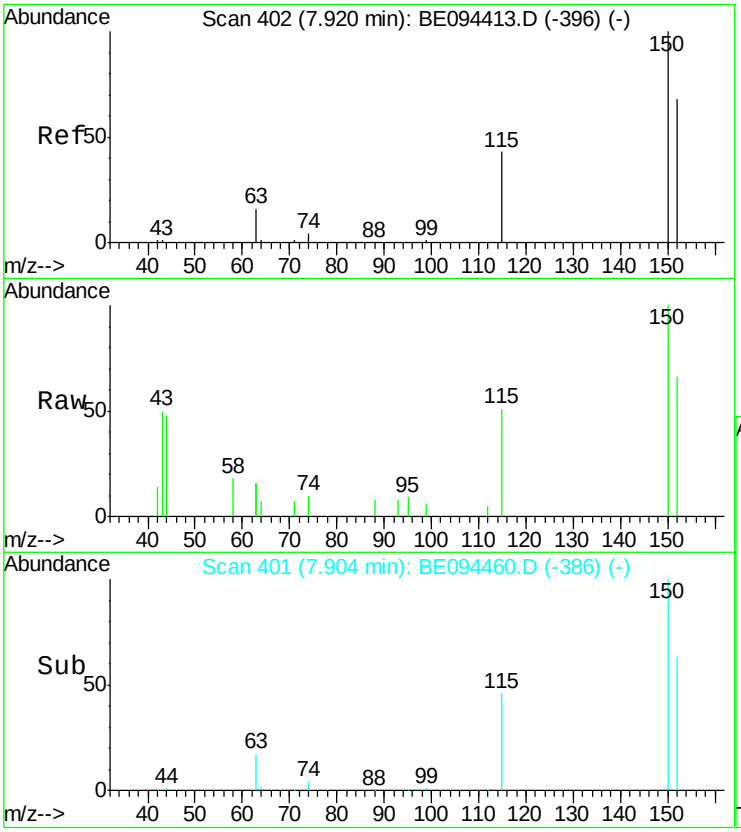
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101917\
Data File : BE094460.D
Acq On : 19 Oct 2017 23:56
Operator : SJ/JU
Sample : I5819-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
3915-PA4

Quant Time: Oct 20 12:43:47 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 14:54:40 2017
Response via : Initial Calibration



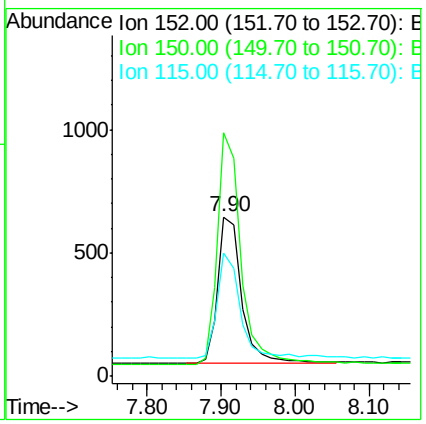


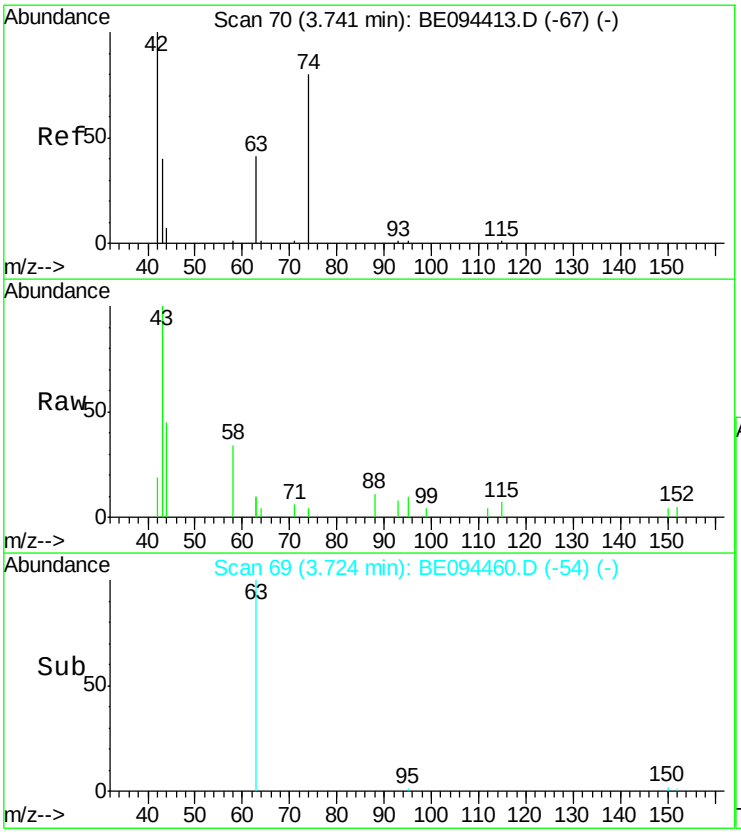

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.02 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

**Instrument :**
BNA_E
**ClientSampleId :**
3915-PA4

Tgt Ion:152 Resp: 1347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.6 | 117.2 | 175.8 |
| 115 | 77.4 | 57.0 | 85.6 |

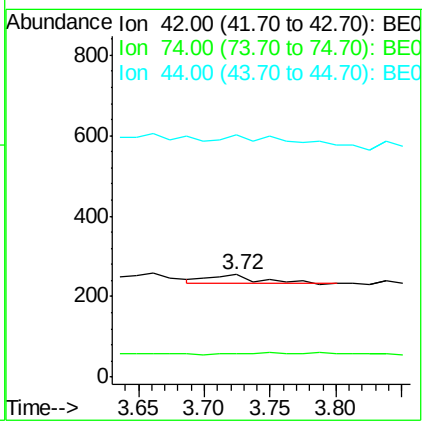


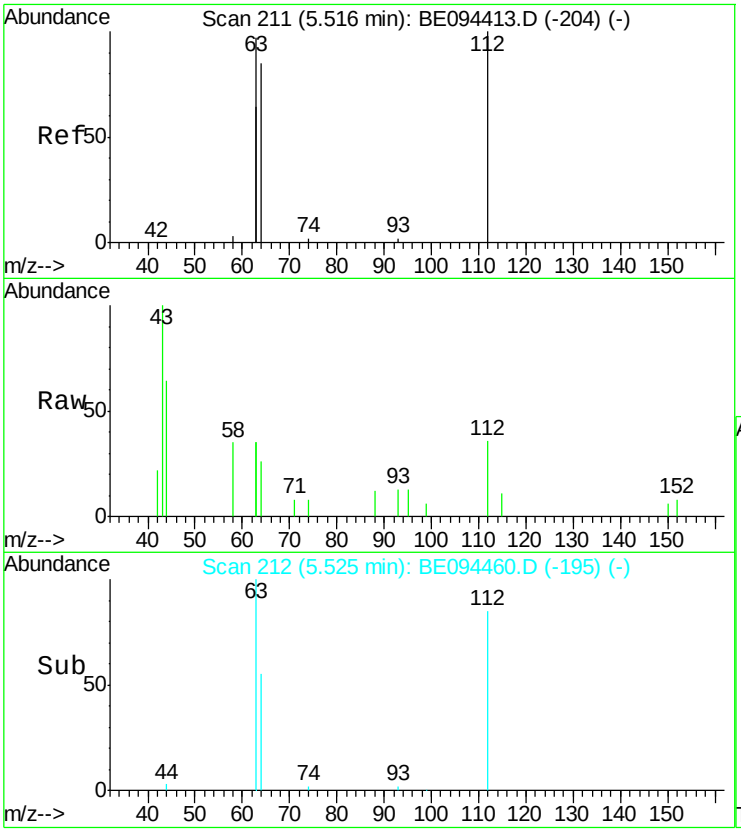




#3
n-Nitrosodimethylamine
Concen: 0.022 ng
RT: 3.72 min Scan# 69
Delta R.T. -0.02 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

Tgt Ion: 42 Resp: 51

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 13.7 | 100.3 | 150.5# |
| 44 | 288.2 | 17.0 | 25.4# |



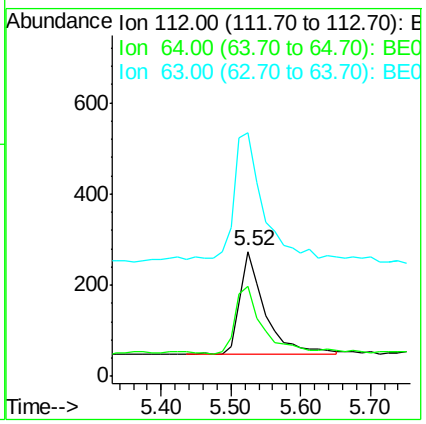


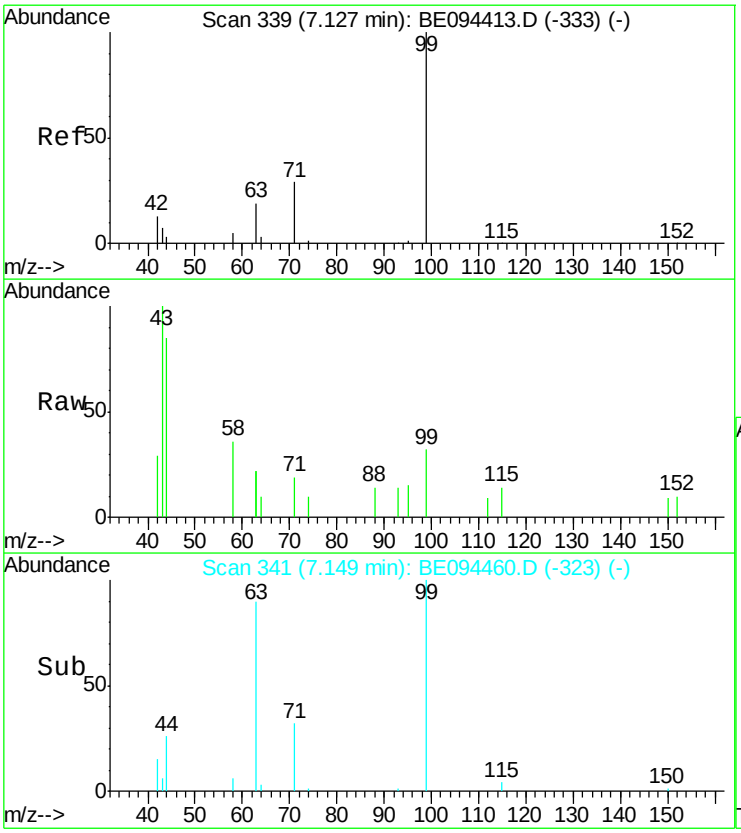

#4
2-Fluorophenol
Concen: 0.125 ng
RT: 5.52 min Scan# 212
Delta R.T. 0.01 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

**Instrument :**
BNA_E
**ClientSampleId :**
3915-PA4

Tgt Ion:112 Resp: 571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 74.3 | 60.1 | 90.1 |
| 63 | 138.5 | 116.8 | 175.2 |

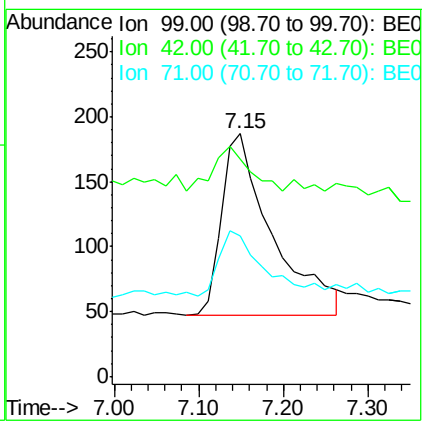


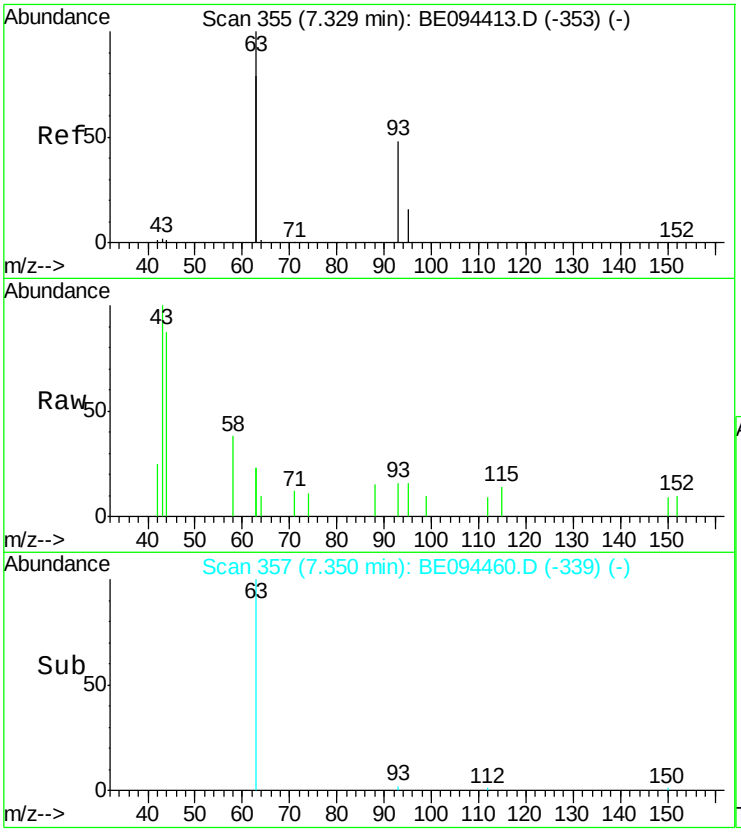




#5
Phenol-d6
Concen: 0.082 ng
RT: 7.15 min Scan# 341
Delta R.T. 0.02 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

Tgt Ion: 99 Resp: 583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.7 | 20.2 | 30.2# |
| 71 | 32.1 | 28.4 | 42.6 |



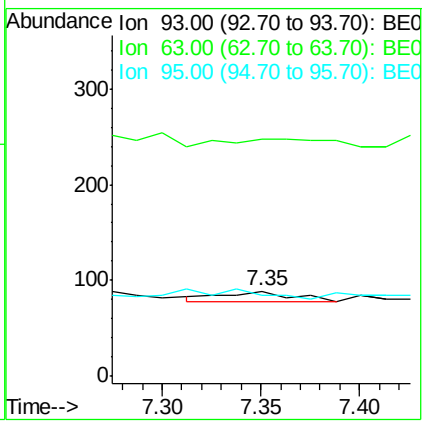


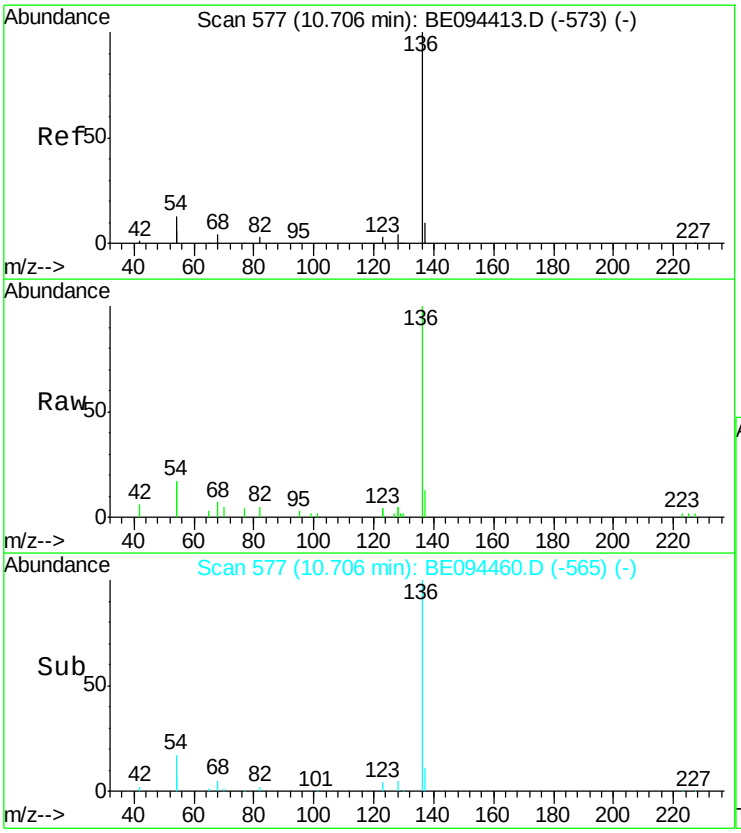

#6
bis(2-Chloroethyl)ether
Concen: 0.005 ng
RT: 7.35 min Scan# 357
Delta R.T. 0.02 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

**Instrument :**
BNA_E
**ClientSampleId :**
3915-PA4

Tgt Ion: 93 Resp: 26

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 80.8 | 275.3 | 412.9# |
| 95 | 0.0 | 25.2 | 37.8# |

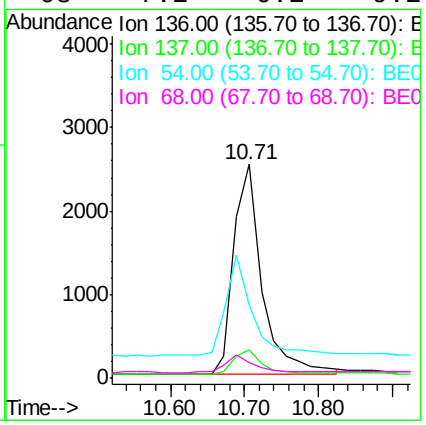


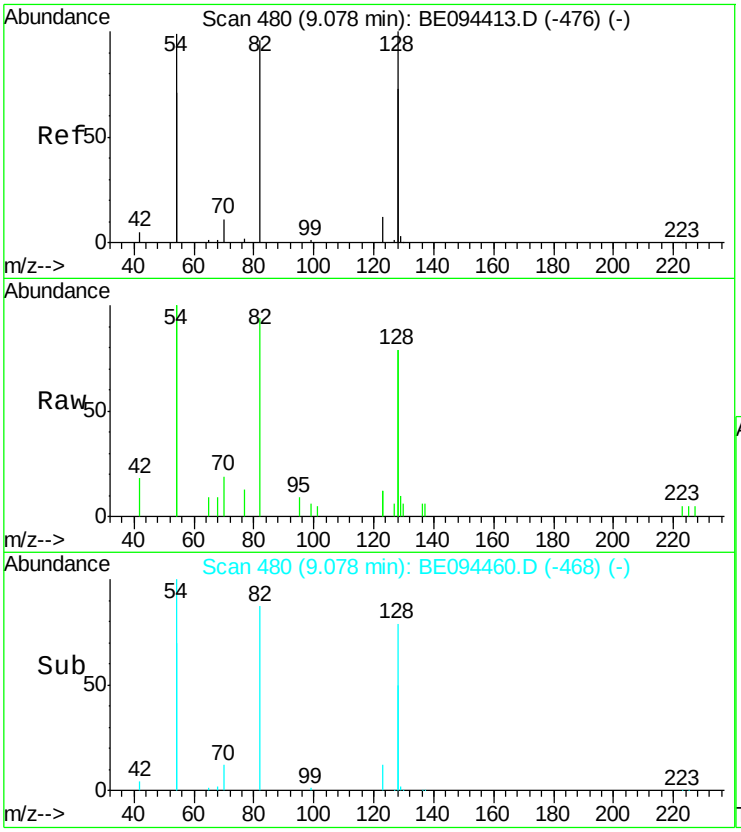




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

Tgt Ion:136 Resp: 6601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.9 | 9.5 | 14.3 |
| 54 | 34.1 | 29.1 | 43.7 |
| 68 | 7.2 | 6.2 | 9.2 |



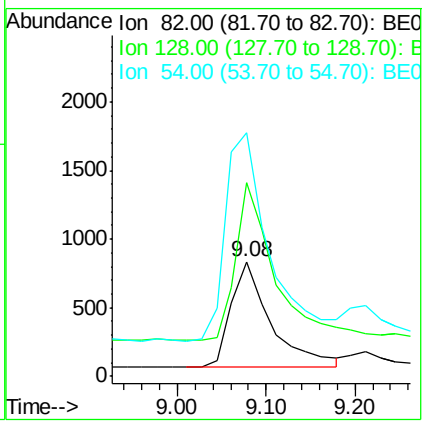


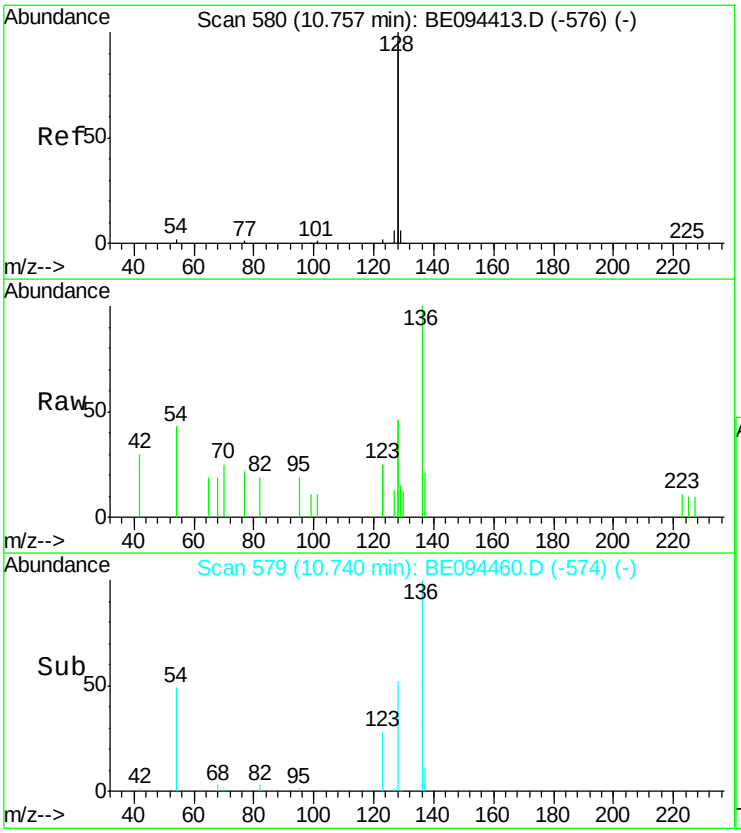

#8
Nitrobenzene-d5
Concen: 0.420 ng
RT: 9.08 min Scan# 480
Delta R.T. -0.00 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

**Instrument :**
BNA_E
**ClientSampleId :**
3915-PA4

Tgt Ion: 82 Resp: 2408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 168.7 | 150.0 | 225.0 |
| 54 | 212.2 | 154.2 | 231.4 |

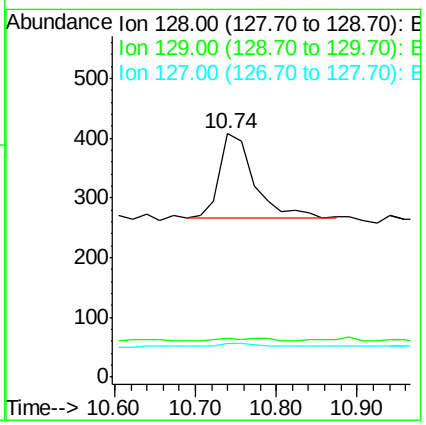


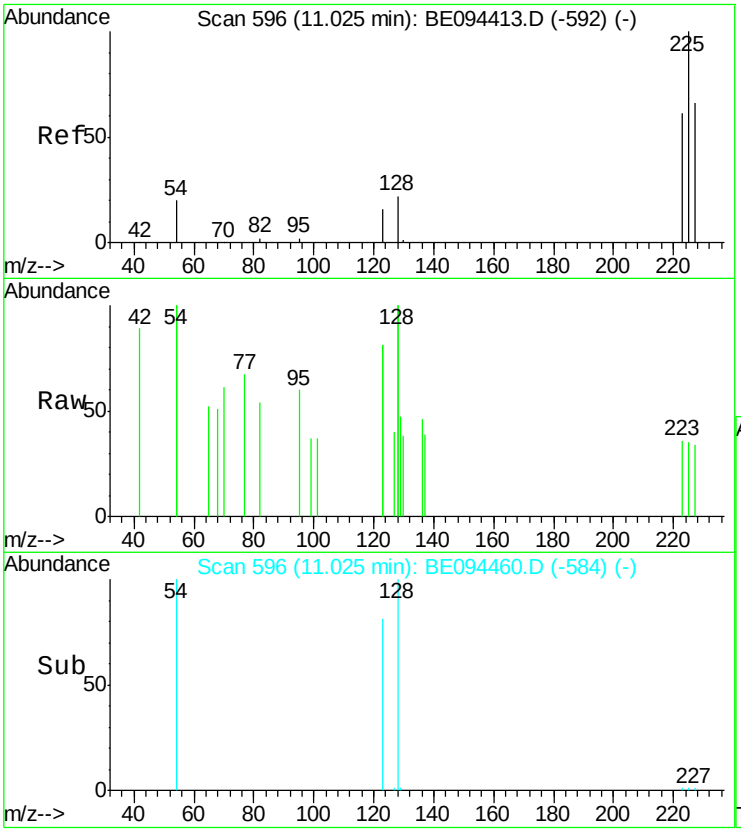




#9
Naphthalene
Concen: 0.006 ng
RT: 10.74 min Scan# 579
Delta R.T. -0.02 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

Tgt Ion:128 Resp: 429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 15.9 | 2.6 | 3.8# |
| 127 | 14.0 | 2.8 | 4.2# |



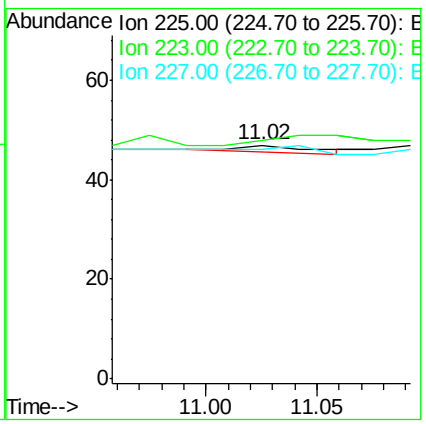


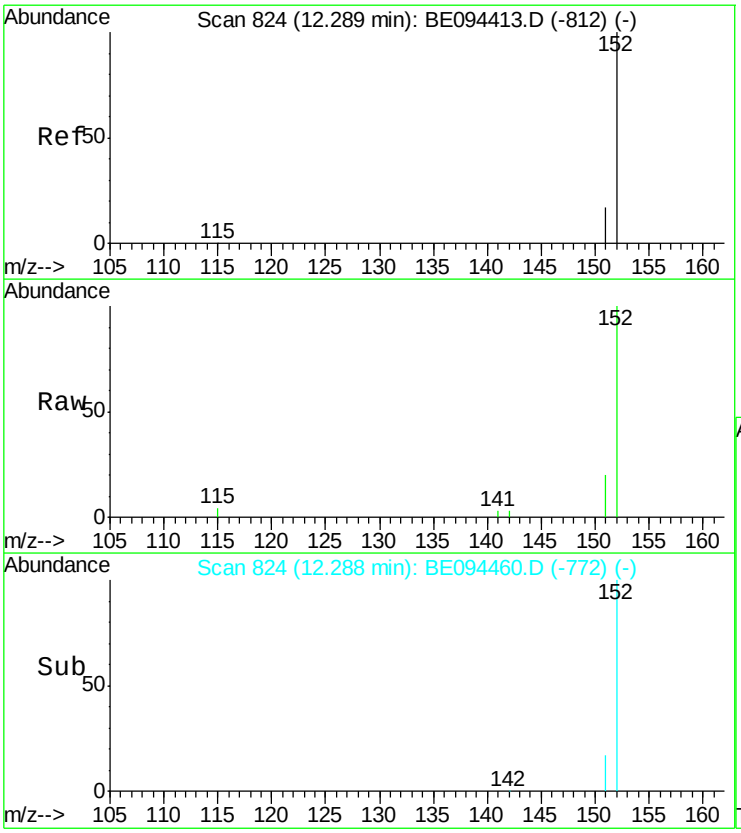

#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 11.02 min Scan# 596
Delta R.T. -0.00 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

**Instrument :**
BNA_E
**ClientSampleId :**
3915-PA4

Tgt Ion:225 Resp: 3

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 233.3 | 53.0 | 79.6# |
| 227 | 100.0 | 51.4 | 77.2# |

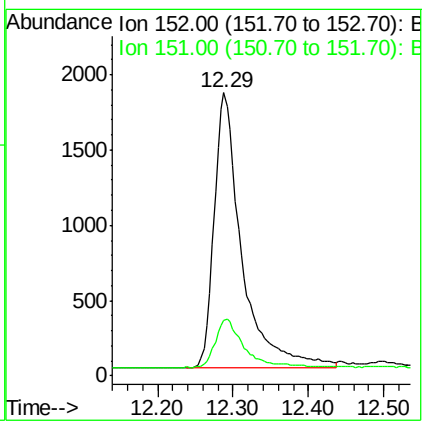


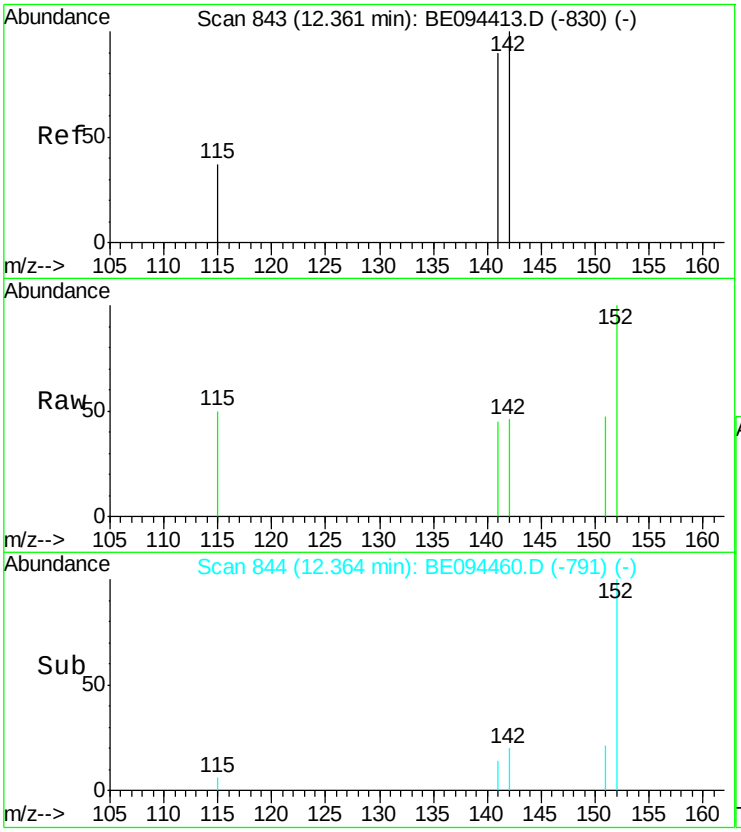




#11
2-Methylnaphthalene-d10
Concen: 0.455 ng
RT: 12.29 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

Tgt Ion:152 Resp: 4629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 18.2 | 15.4 | 23.0 |



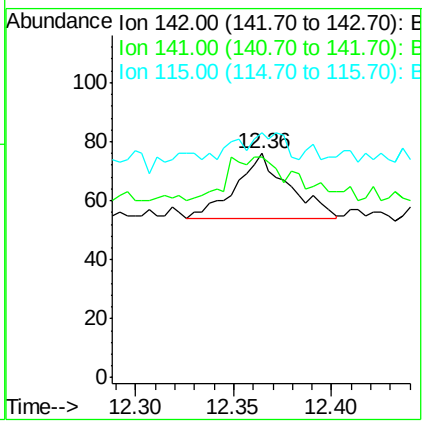


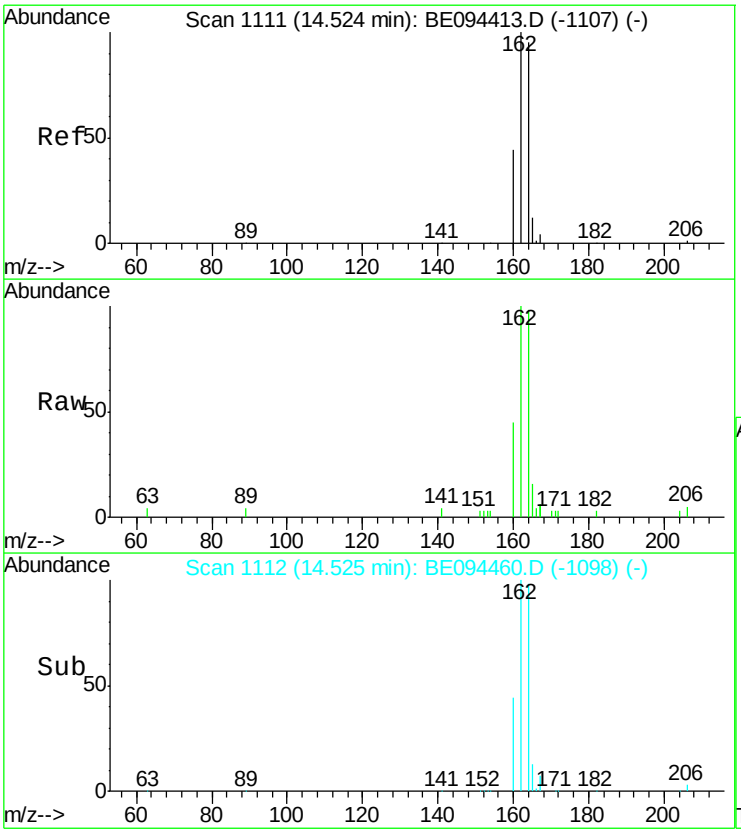

#12
2-Methylnaphthalene
Concen: 0.003 ng
RT: 12.36 min Scan# 844
Delta R.T. 0.00 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

**Instrument :**
BNA_E
**ClientSampleId :**
3915-PA4

Tgt Ion:142 Resp: 41

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 98.7 | 70.4 | 105.6 |
| 115 | 109.2 | 31.7 | 47.5# |

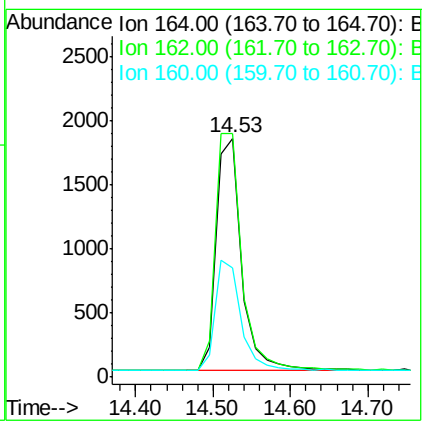


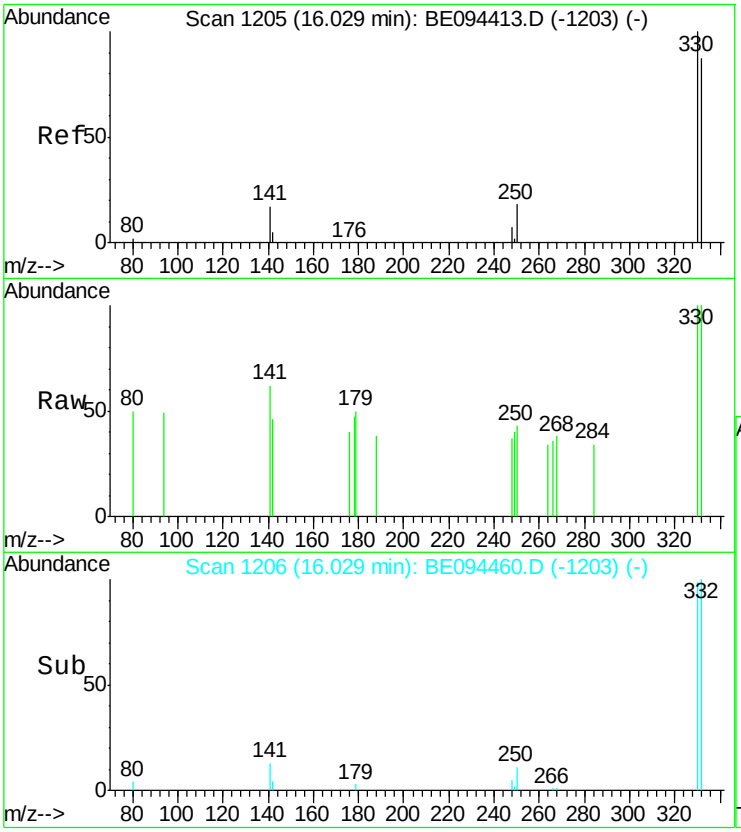




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

Tgt Ion:164 Resp: 4096

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.0 | 83.1 | 124.7 |
| 160 | 46.0 | 37.1 | 55.7 |



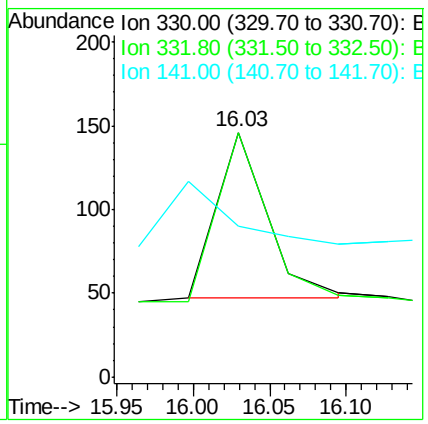


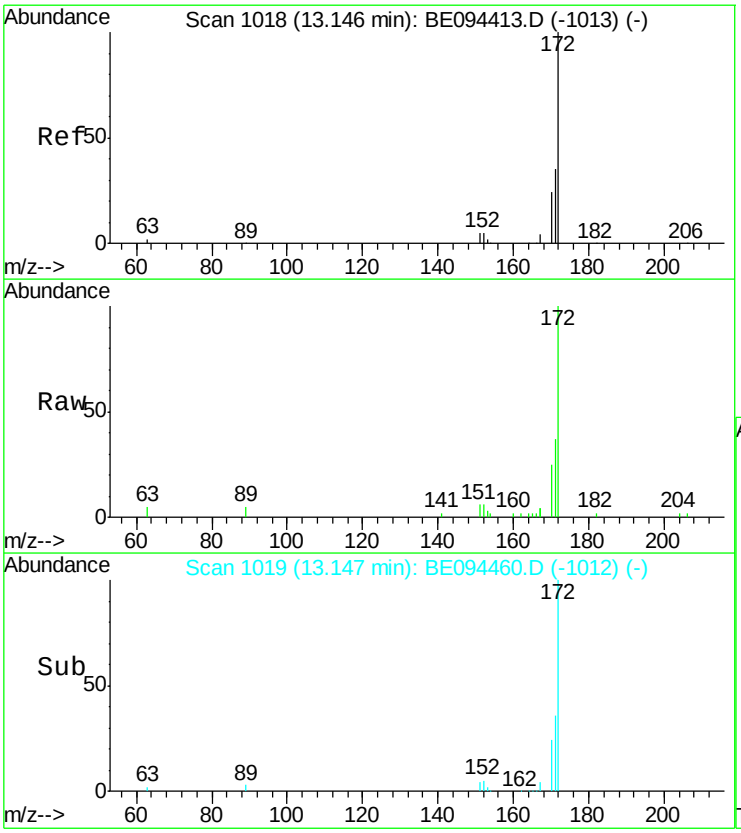

#14
2,4,6-Tribromophenol
Concen: 0.147 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

**Instrument :**
BNA_E
**ClientSampleId :**
3915-PA4

Tgt Ion:330 Resp: 229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 104.4 | 152.7 | 229.1# |
| 141 | 0.0 | 33.7 | 50.5# |

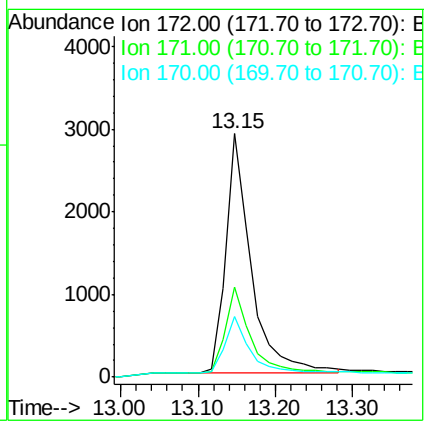


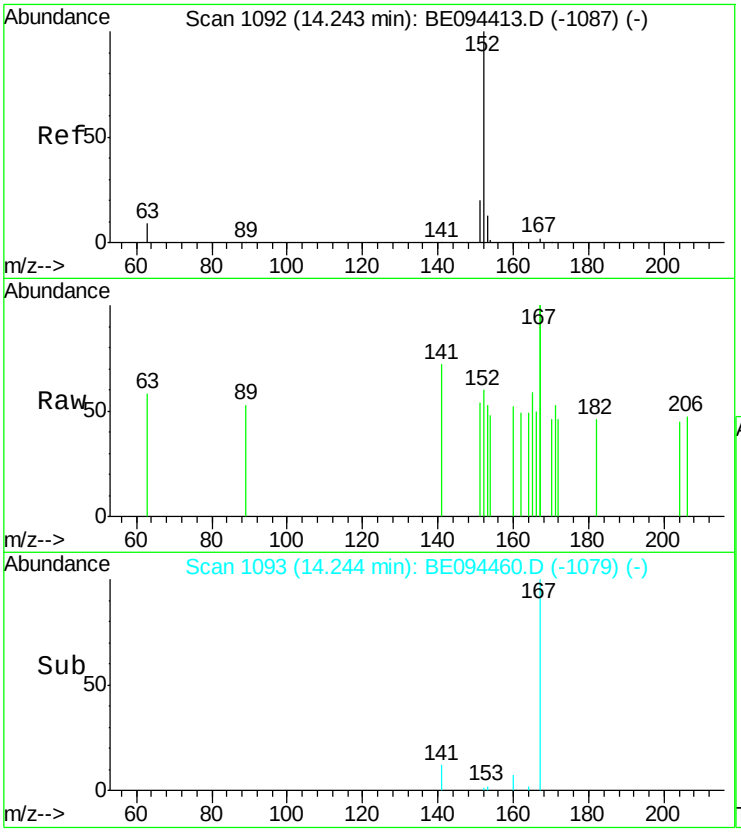




#15
2-Fluorobiphenyl
Concen: 0.451 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

Tgt Ion:172 Resp: 6589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.9 | 29.9 | 44.9 |
| 170 | 25.0 | 21.8 | 32.8 |



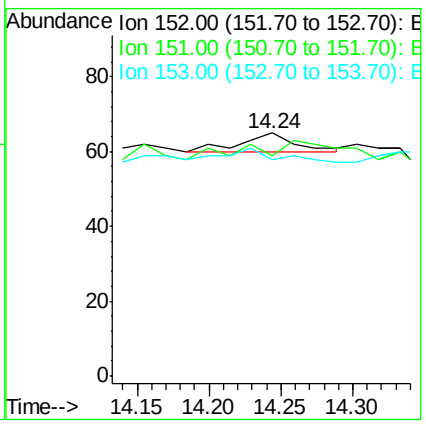


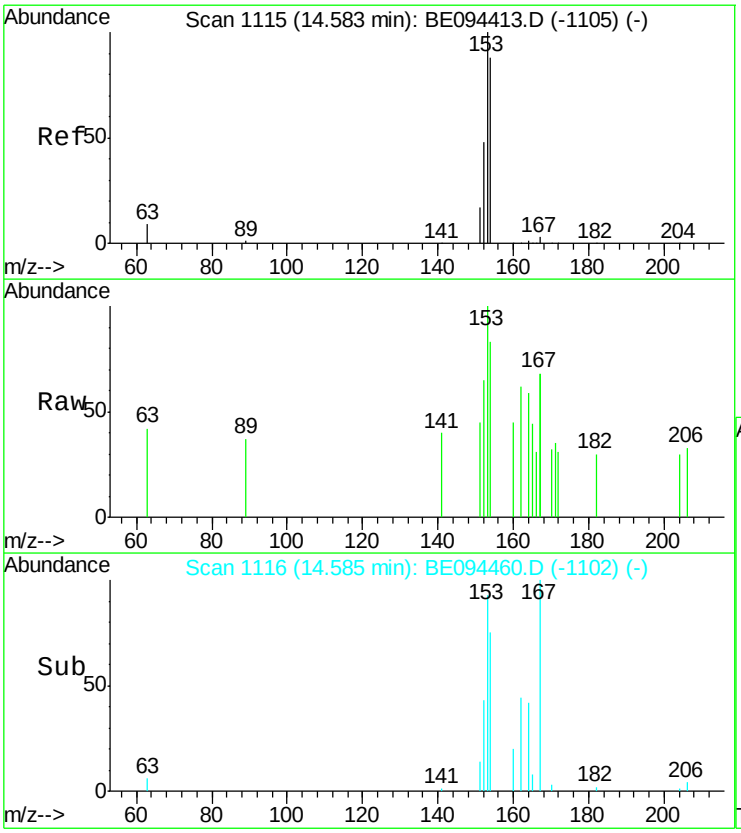

#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

**Instrument :**
BNA_E
**ClientSampleId :**
3915-PA4

Tgt Ion:152 Resp: 13

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 161.5 | 15.7 | 23.5# |
| 153 | 0.0 | 10.5 | 15.7# |

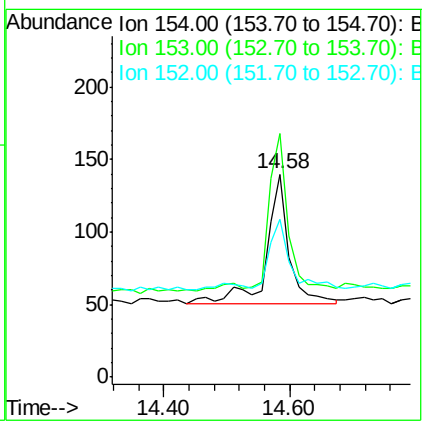


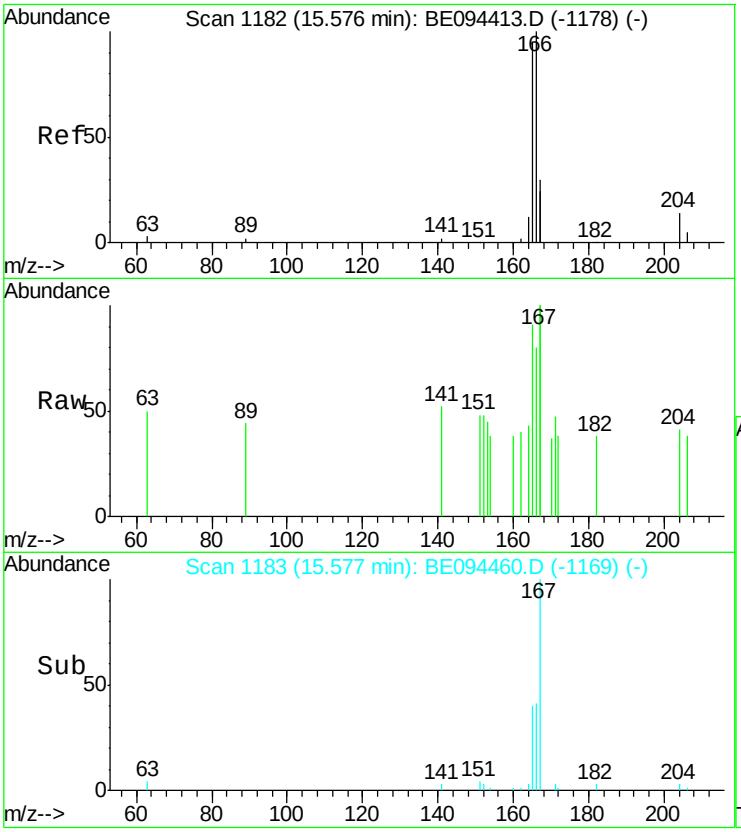




#17
Acenaphthene
Concen: 0.016 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

Tgt Ion:154 Resp: 220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 100.0 | 89.2 | 133.8 |
| 152 | 51.8 | 42.0 | 63.0 |



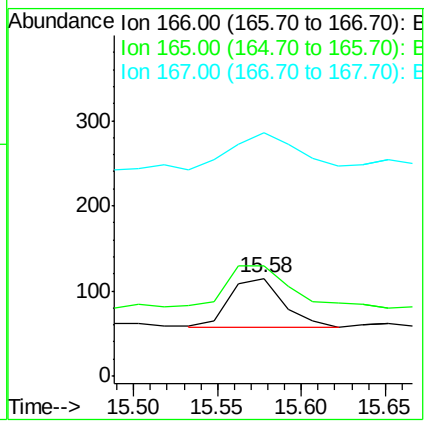


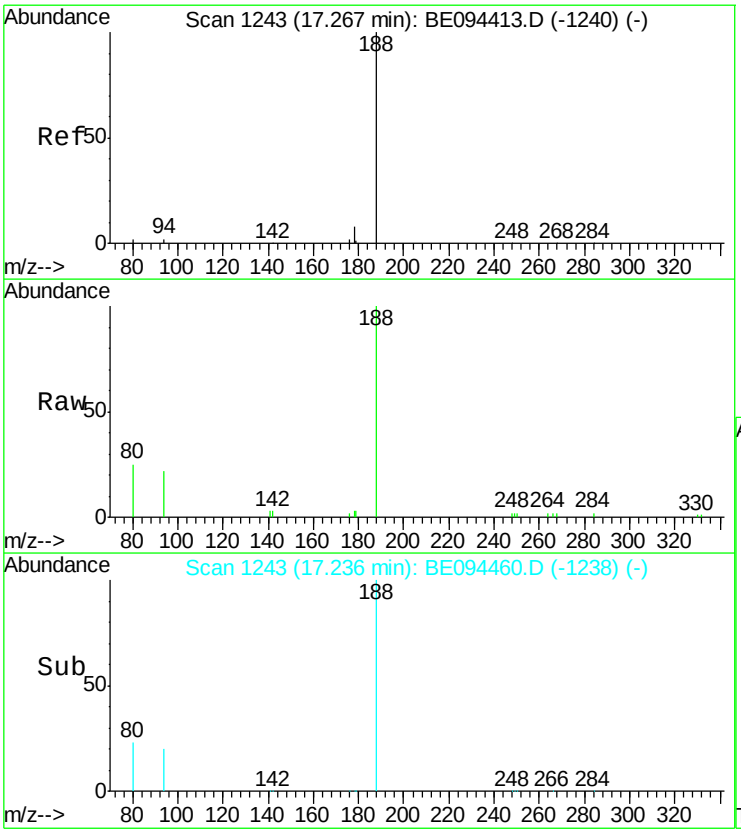

#18
Fluorene
Concen: 0.007 ng
RT: 15.58 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

**Instrument :**
BNA_E
**ClientSampleId :**
3915-PA4

Tgt Ion:166 Resp: 128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 110.9 | 77.8 | 116.6 |
| 167 | 100.0 | 42.4 | 63.6# |

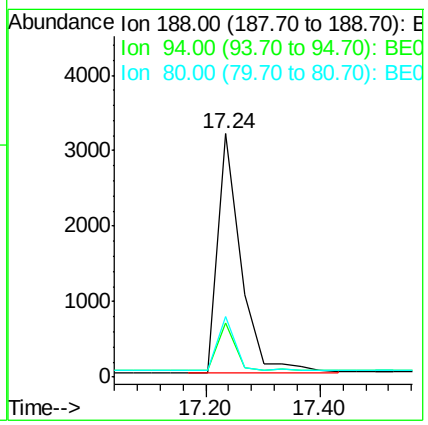


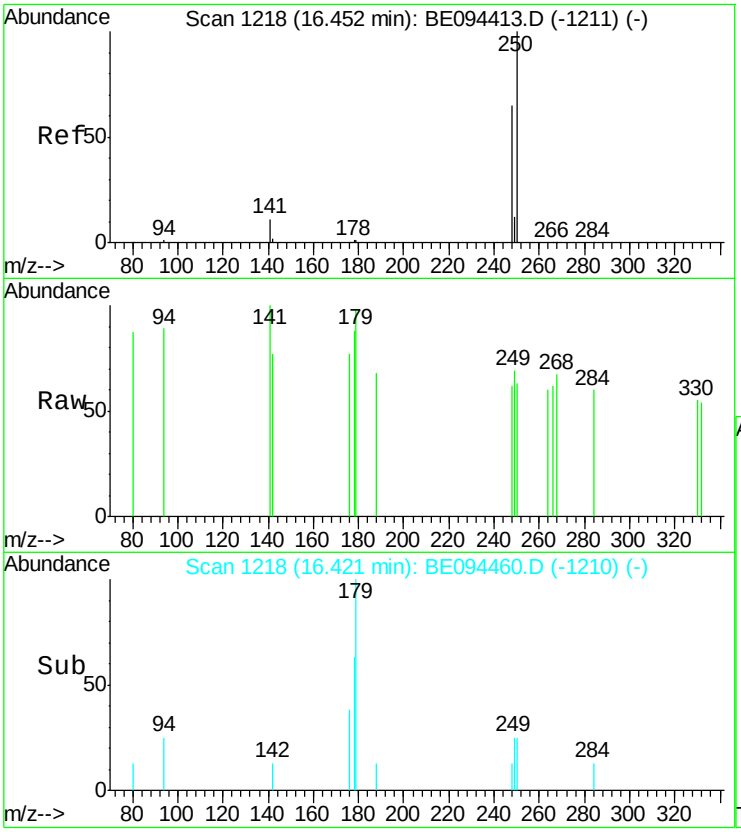




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.03 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

Tgt Ion:188 Resp: 8860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 22.4 | 3.9 | 5.9# |
| 80 | 24.9 | 3.6 | 5.4# |



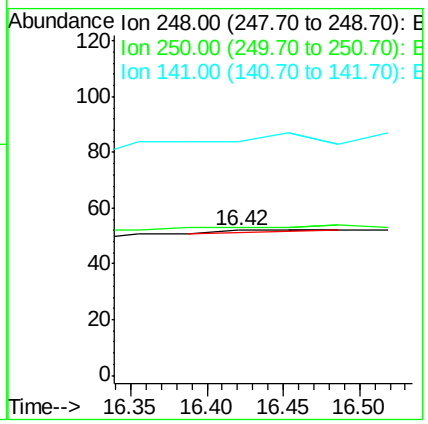


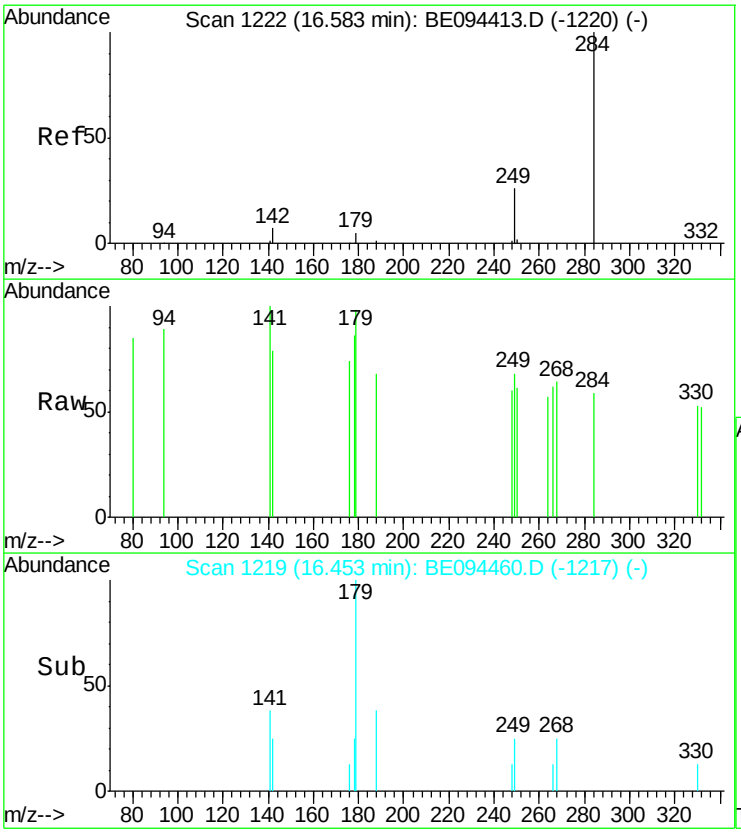

#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.42 min Scan# 1218
Delta R.T. -0.03 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

**Instrument :**
BNA_E
**ClientSampleId :**
3915-PA4

Tgt Ion:248 Resp: 4

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 101.9 | 62.7 | 94.1# |
| 141 | 161.5 | 48.2 | 72.2# |

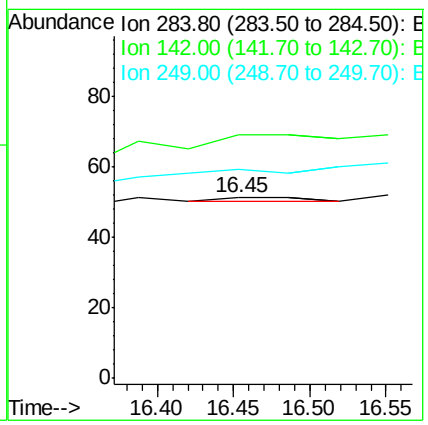


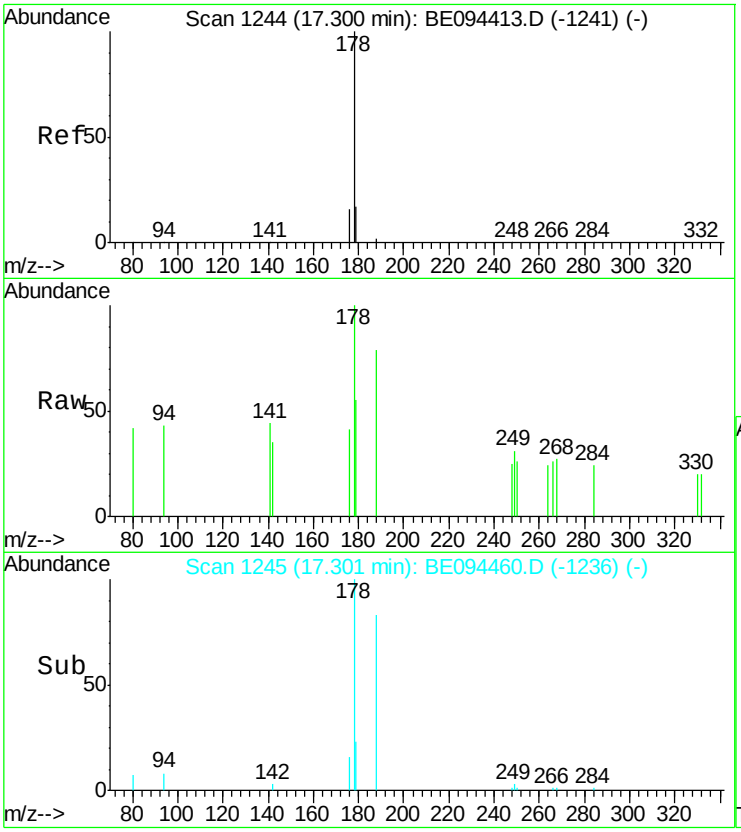




#21
Hexachlorobenzene
Concen: 0.027 ng
RT: 16.45 min Scan# 1219
Delta R.T. -0.13 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

Tgt Ion:284 Resp: 4

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 550.0 | 22.1 | 33.1# |
| 249 | 0.0 | 34.8 | 52.2# |



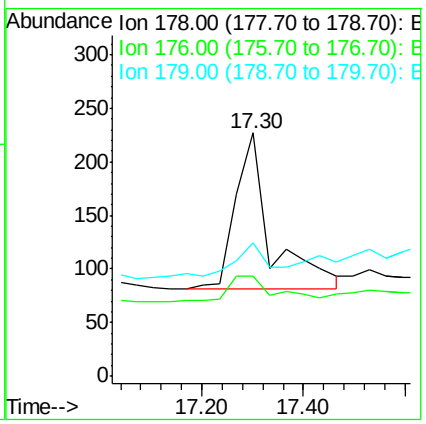


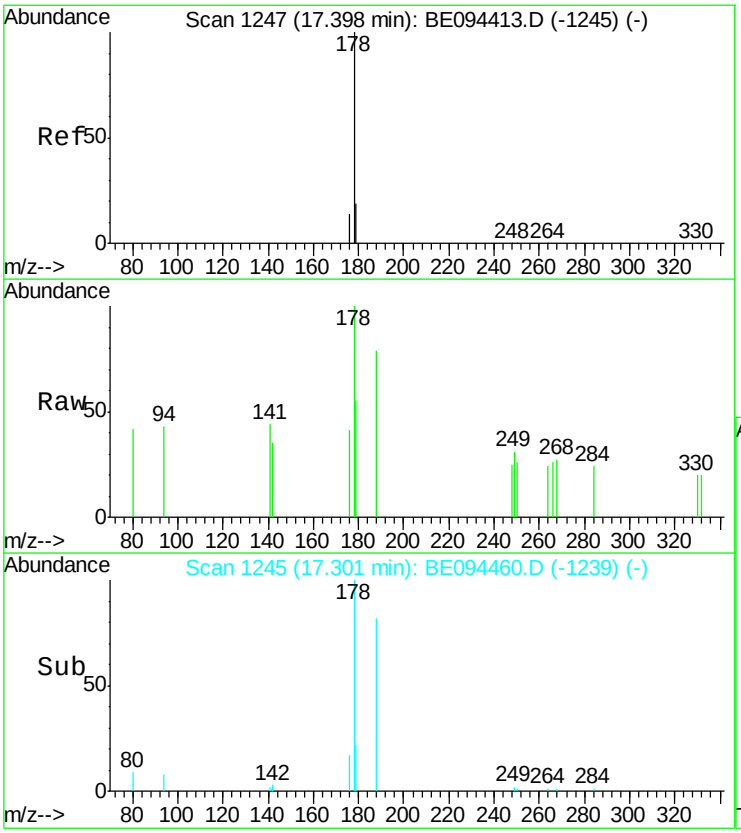

#23
Phenanthrene
Concen: 0.020 ng
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

**Instrument :**
BNA_E
**ClientSampleId :**
3915-PA4

Tgt Ion:178 Resp: 688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 0.0 | 15.1 | 22.7# |
| 179 | 25.6 | 11.8 | 17.6# |

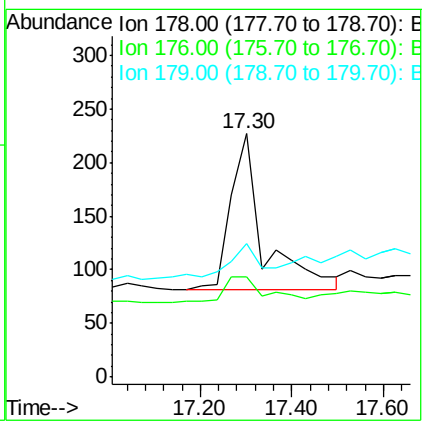


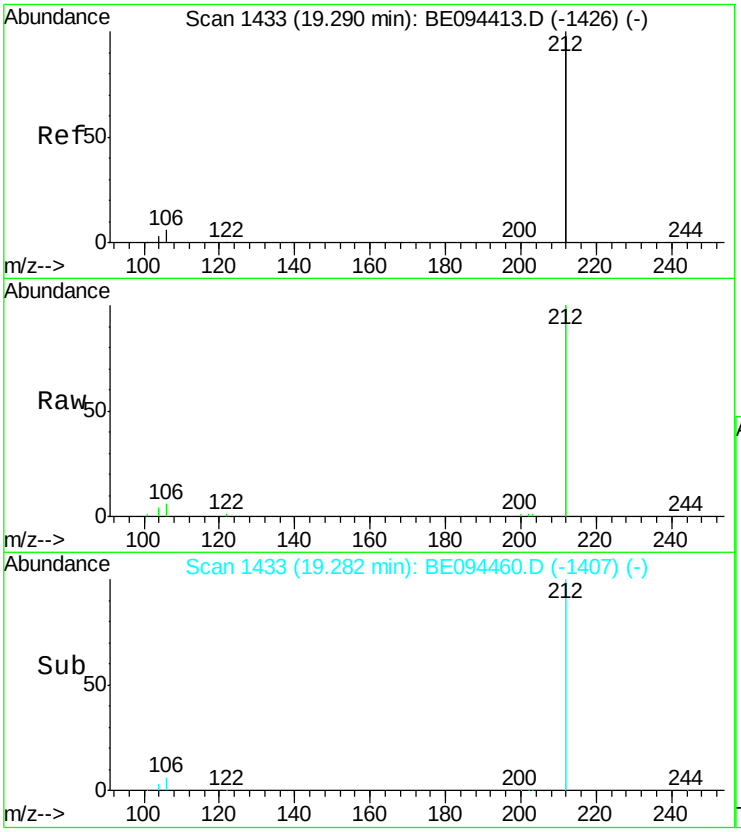




#24
Anthracene
Concen: 0.026 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.10 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

Tgt Ion:178 Resp: 712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 0.0 | 12.8 | 19.2# |
| 179 | 20.1 | 13.0 | 19.6# |



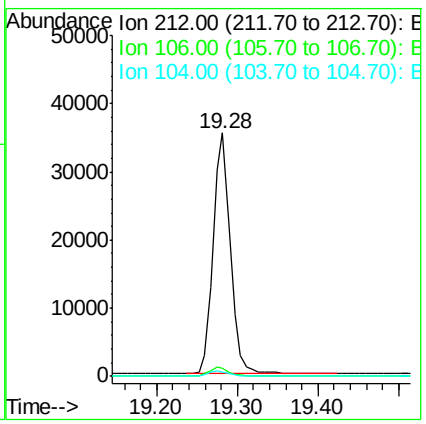


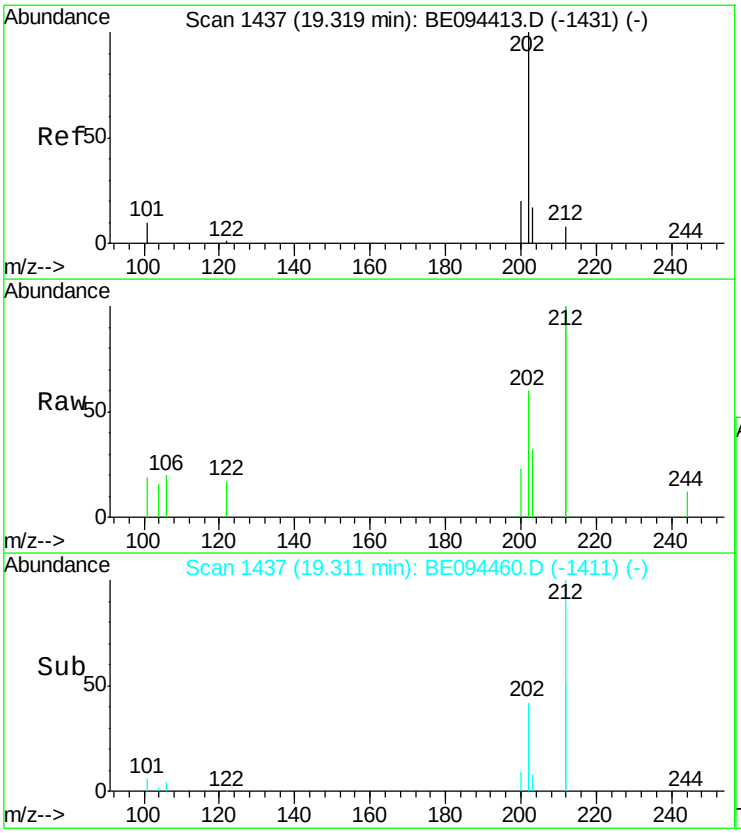

#25
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.28 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

**Instrument :**
BNA_E
**ClientSampleId :**
3915-PA4

Tgt Ion:212 Resp: 52589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 3.7 | 2.8 | 4.2 |
| 104 | 2.0 | 1.6 | 2.4 |

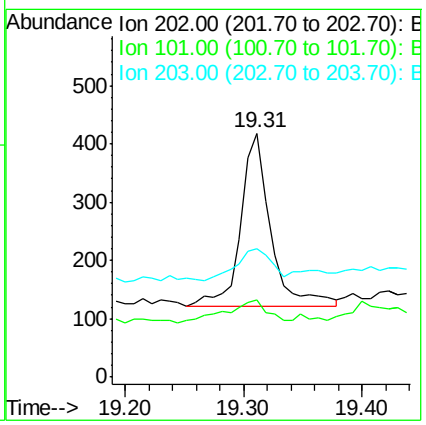


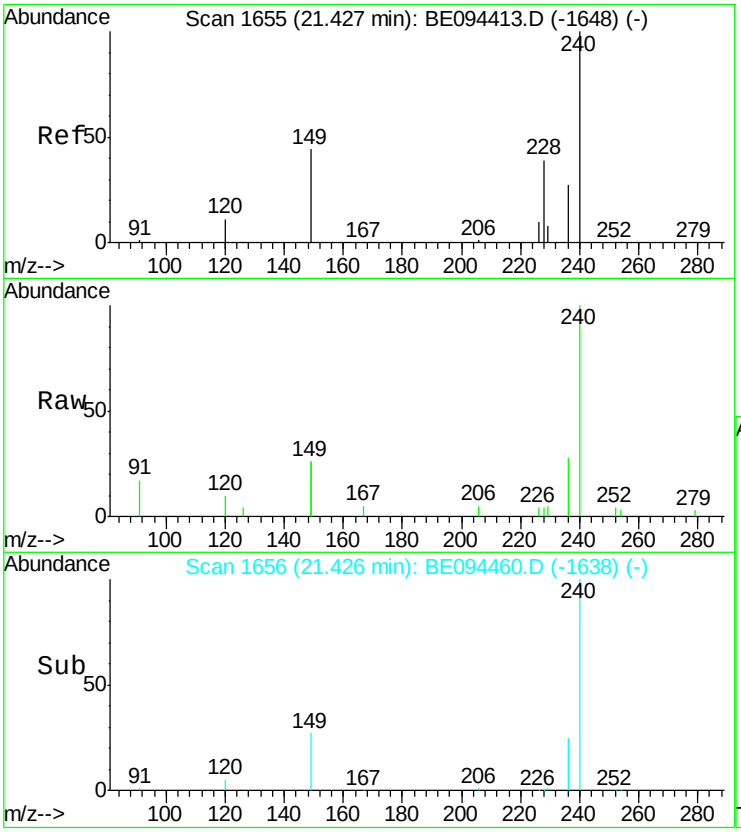




#26
Fluoranthene
Concen: 0.012 ng
RT: 19.31 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

Tgt Ion:202 Resp: 522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 18.0 | 9.8 | 14.8# |
| 203 | 20.3 | 13.7 | 20.5 |



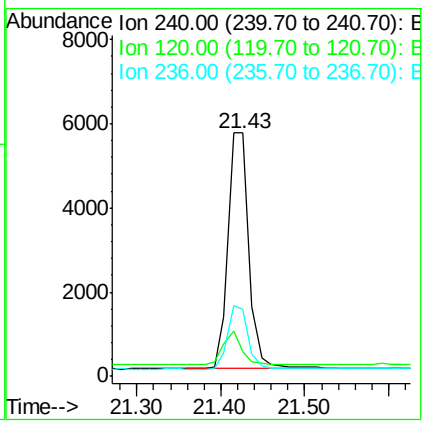


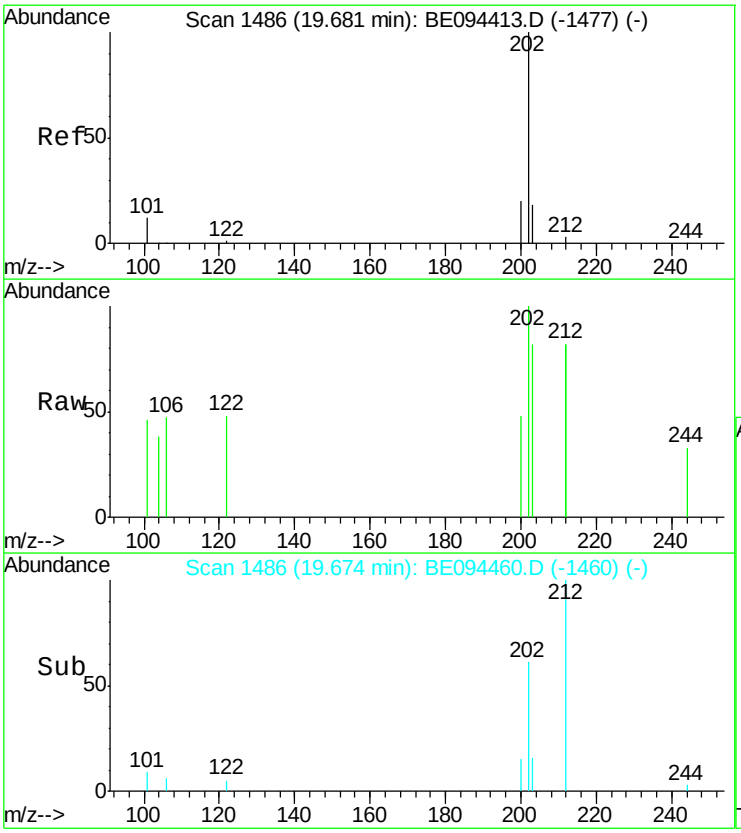

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

**Instrument :**
BNA_E
**ClientSampleId :**
3915-PA4

Tgt Ion:240 Resp: 9709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.1 | 5.5 | 8.3# |
| 236 | 27.6 | 20.7 | 31.1 |

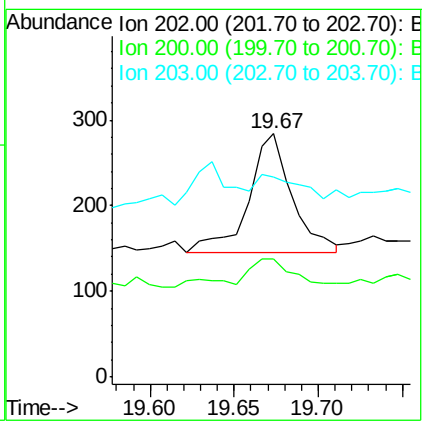


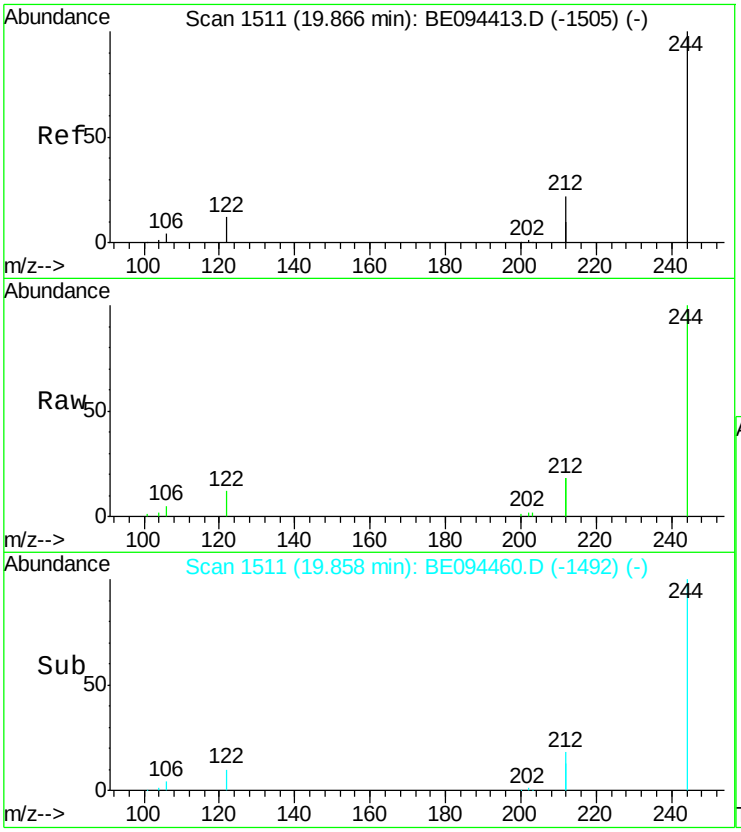




#28
Pyrene
Concen: 0.007 ng
RT: 19.67 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

Tgt Ion:202 Resp: 253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.4 | 16.6 | 25.0 |
| 203 | 19.4 | 13.8 | 20.8 |



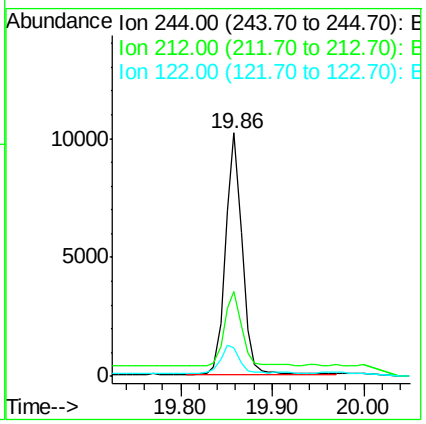


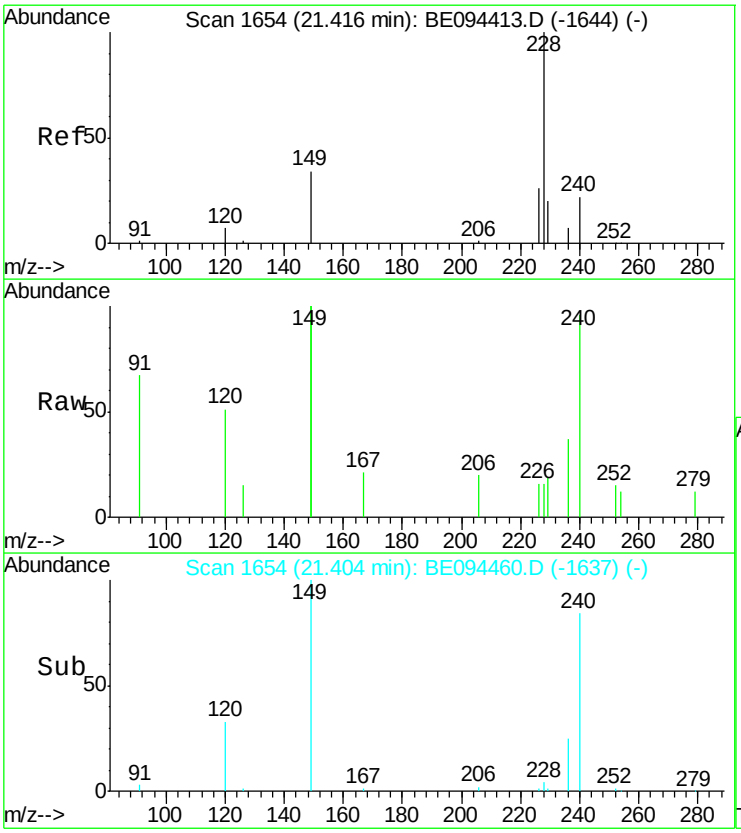

#29
Terphenyl-d14
Concen: 0.641 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

**Instrument :**
BNA_E
**ClientSampleId :**
3915-PA4

Tgt Ion:244 Resp: 12563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 35.1 | 25.4 | 38.0 |
| 122 | 11.5 | 8.1 | 12.1 |

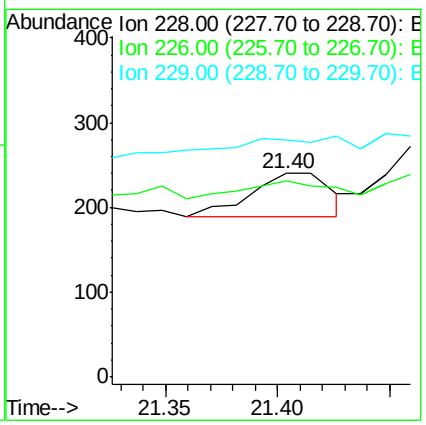


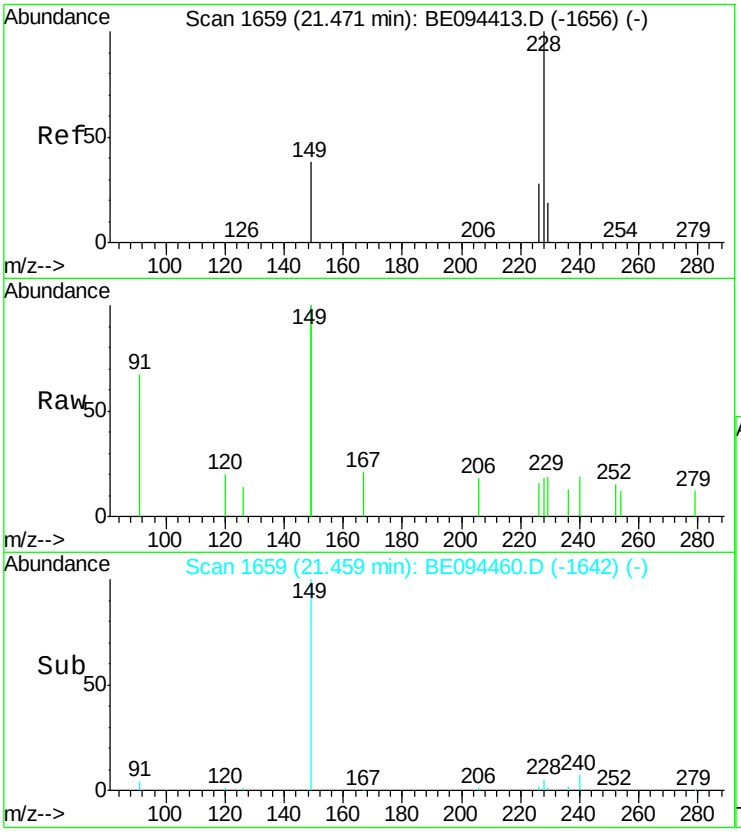




#30
Benzo(a)anthracene
Concen: 0.004 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

Tgt Ion:228 Resp: 128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 96.3 | 40.0 | 60.0# |
| 229 | 116.7 | 40.0 | 60.0# |



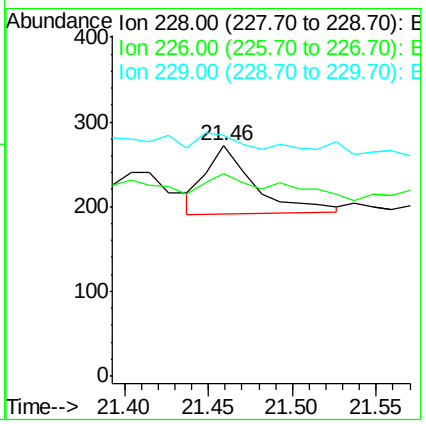


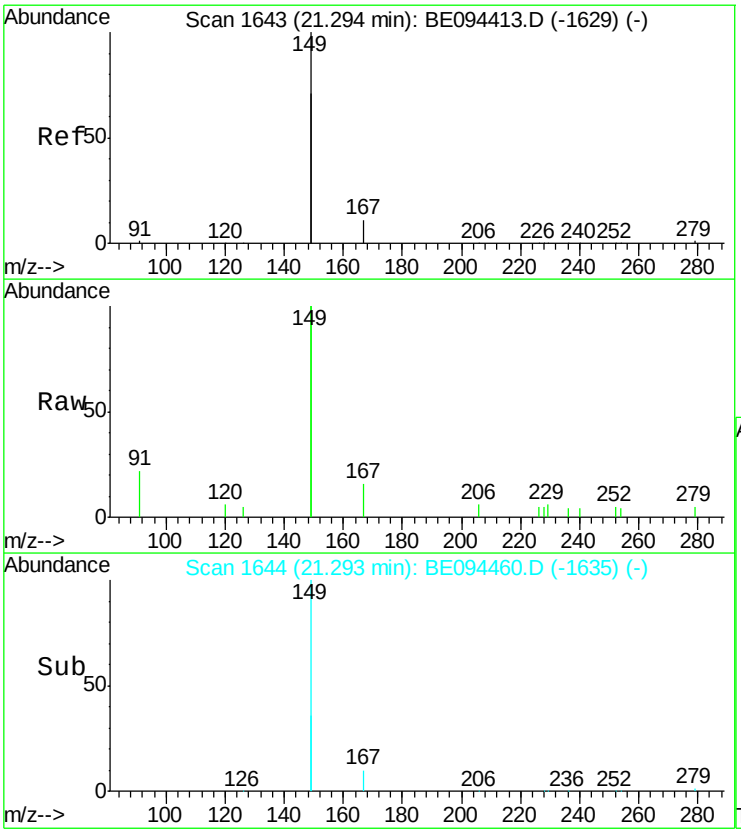

#31
Chrysene
Concen: 0.005 ng
RT: 21.46 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

**Instrument :**
BNA_E
**ClientSampleId :**
3915-PA4

Tgt Ion:228 Resp: 159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 87.9 | 40.0 | 60.0# |
| 229 | 104.4 | 40.0 | 60.0# |

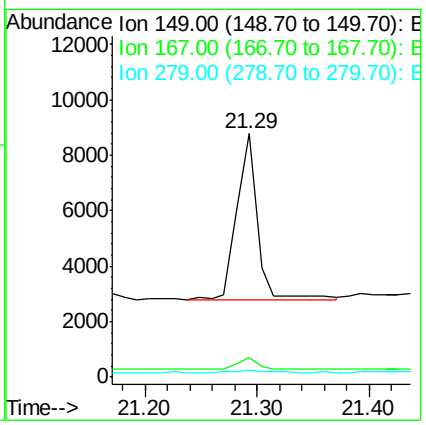


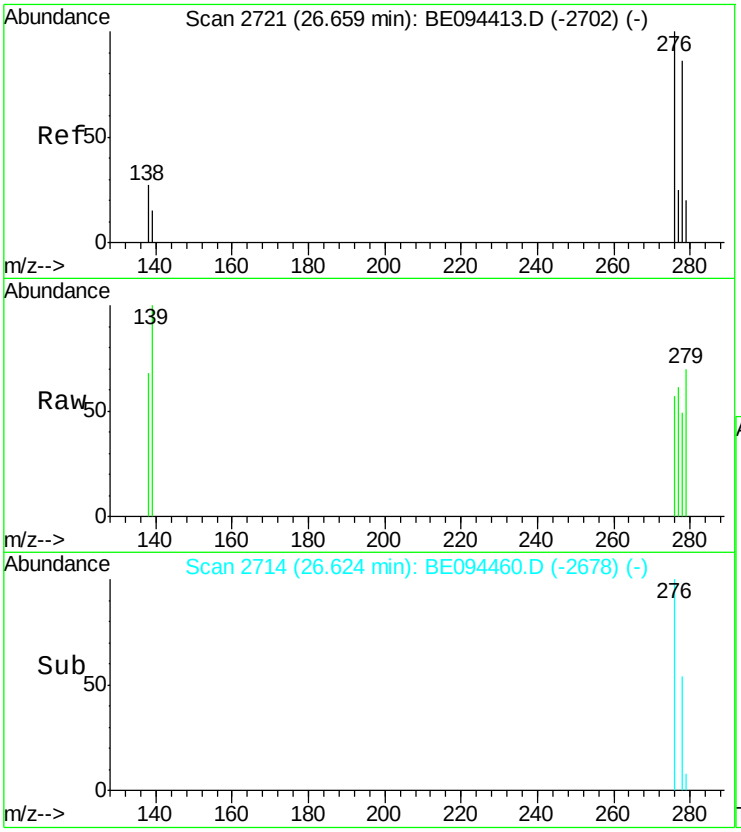




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.078 ng
RT: 21.29 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

Tgt Ion:149 Resp: 7495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 7.7 | 5.4 | 8.0 |
| 279 | 1.2 | 0.7 | 1.1# |



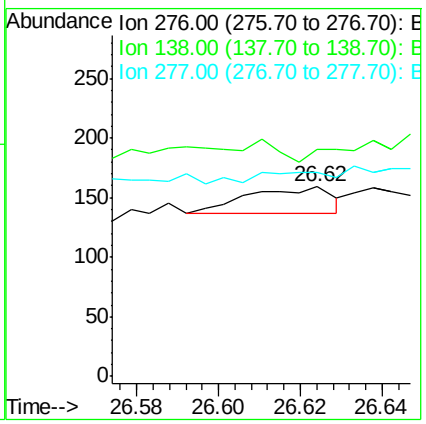


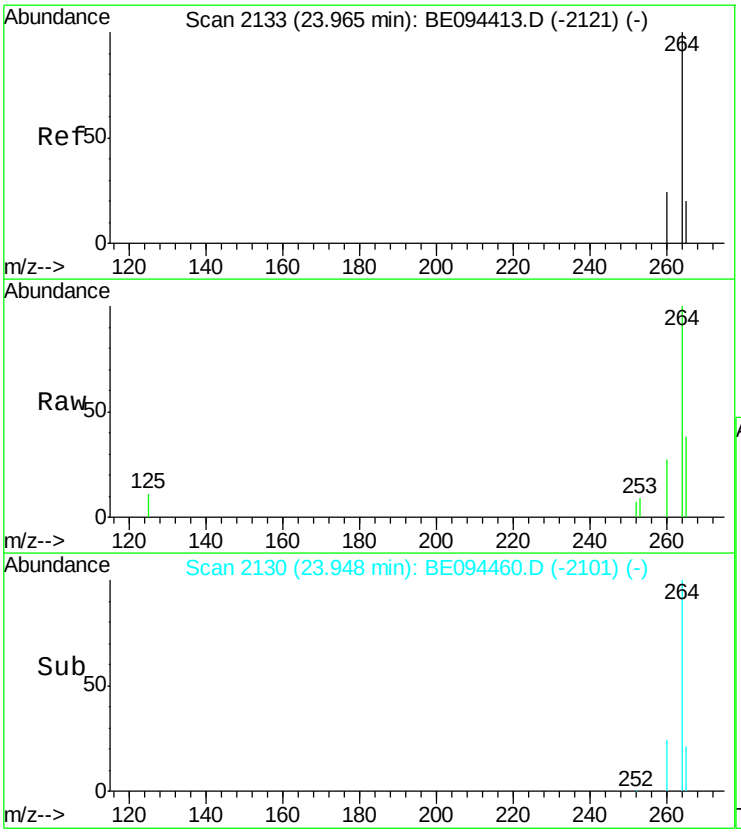

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.001 ng
RT: 26.62 min Scan# 2714
Delta R.T. -0.03 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

**Instrument :**
BNA_E
**ClientSampleId :**
3915-PA4

Tgt Ion:276 Resp: 31

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 0.0 | 22.5 | 33.7# |
| 277 | 45.2 | 19.9 | 29.9# |

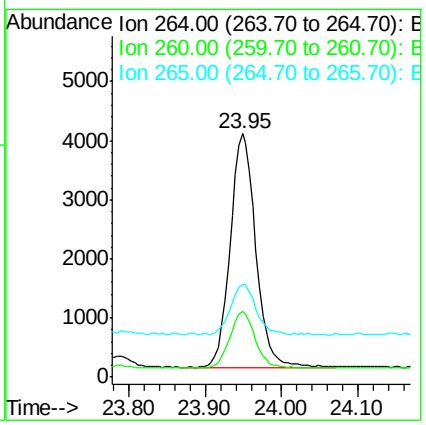


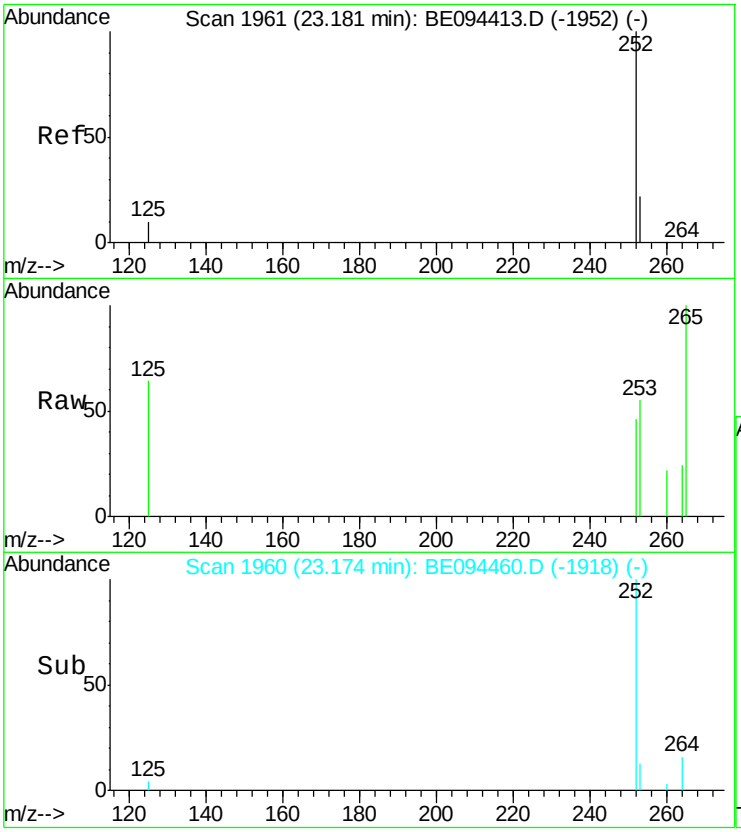




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.95 min Scan# 2130
Delta R.T. -0.02 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

Tgt Ion:264 Resp: 9359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 27.2 | 20.5 | 30.7 |
| 265 | 38.0 | 22.8 | 34.2# |



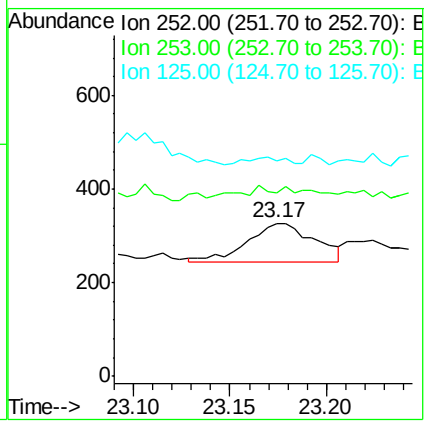


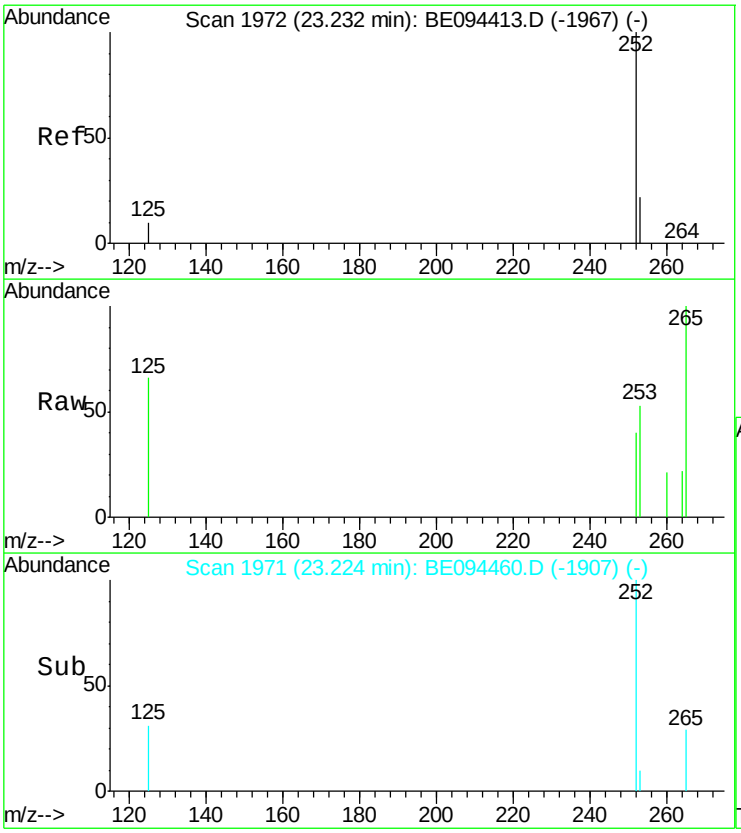

#35
Benzo(b)fluoranthene
Concen: 0.006 ng
RT: 23.17 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

**Instrument :**
BNA_E
**ClientSampleId :**
3915-PA4

Tgt Ion:252 Resp: 199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 120.6 | 48.0 | 72.0# |
| 125 | 140.8 | 56.0 | 84.0# |

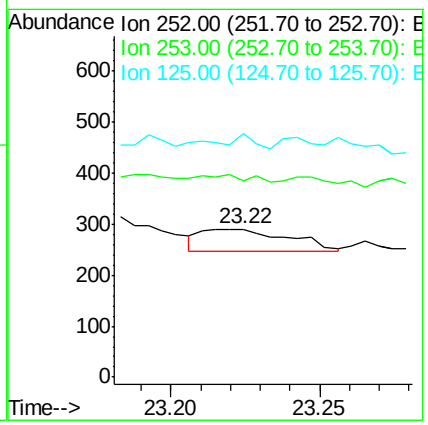


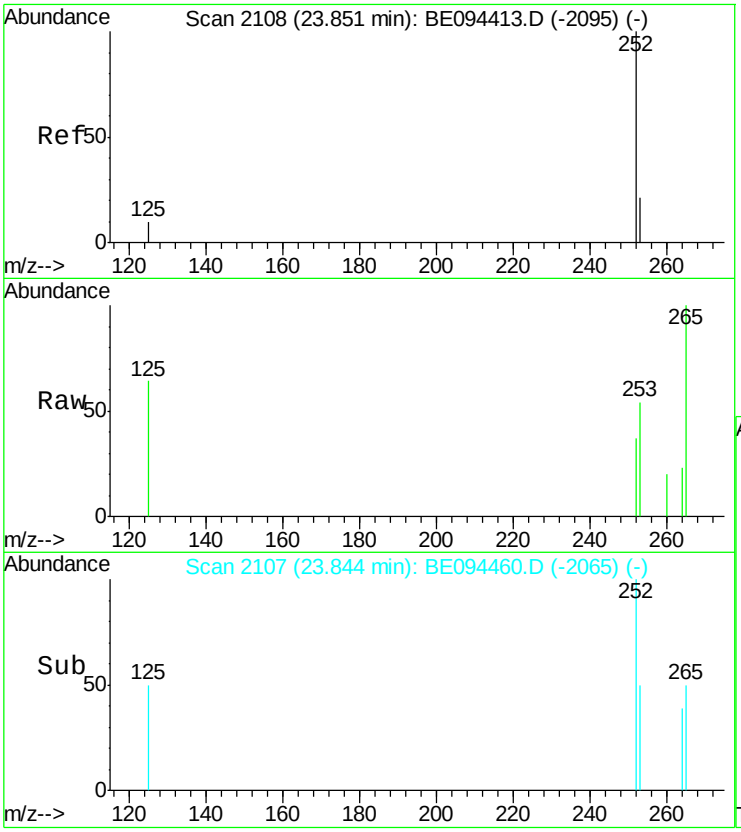




#36
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 23.22 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

Tgt Ion:252 Resp: 90

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 132.4 | 48.0 | 72.0# |
| 125 | 164.5 | 56.0 | 84.0# |



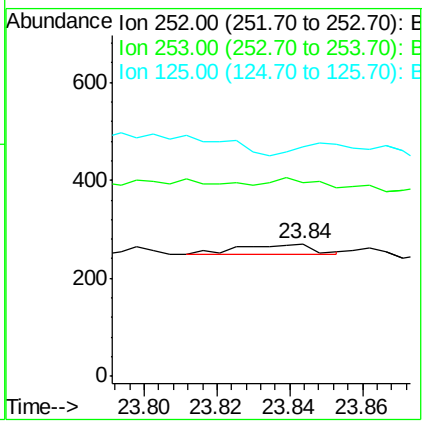


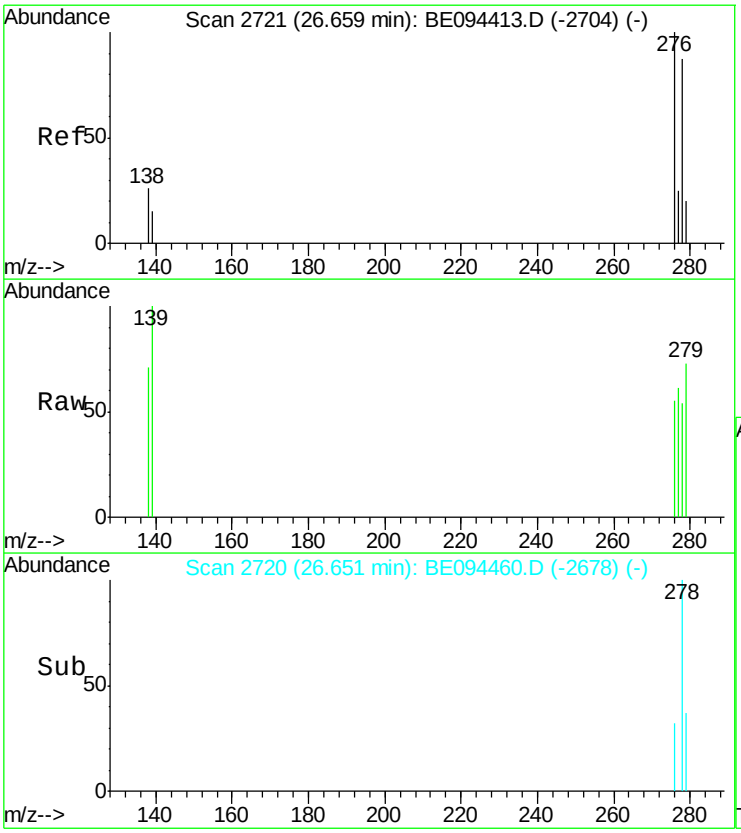

#37
Benzo(a)pyrene
Concen: 0.001 ng
RT: 23.84 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

**Instrument :**
BNA_E
**ClientSampleId :**
3915-PA4

Tgt Ion:252 Resp: 32

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 146.1 | 52.0 | 78.0# |
| 125 | 173.1 | 68.0 | 102.0# |

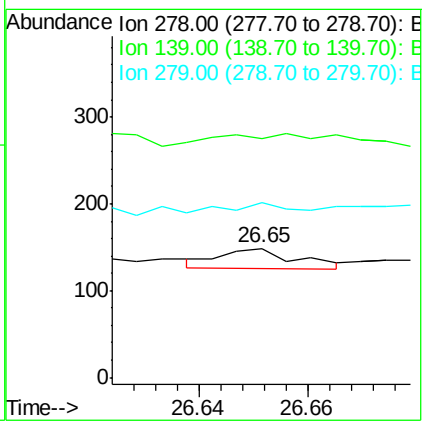


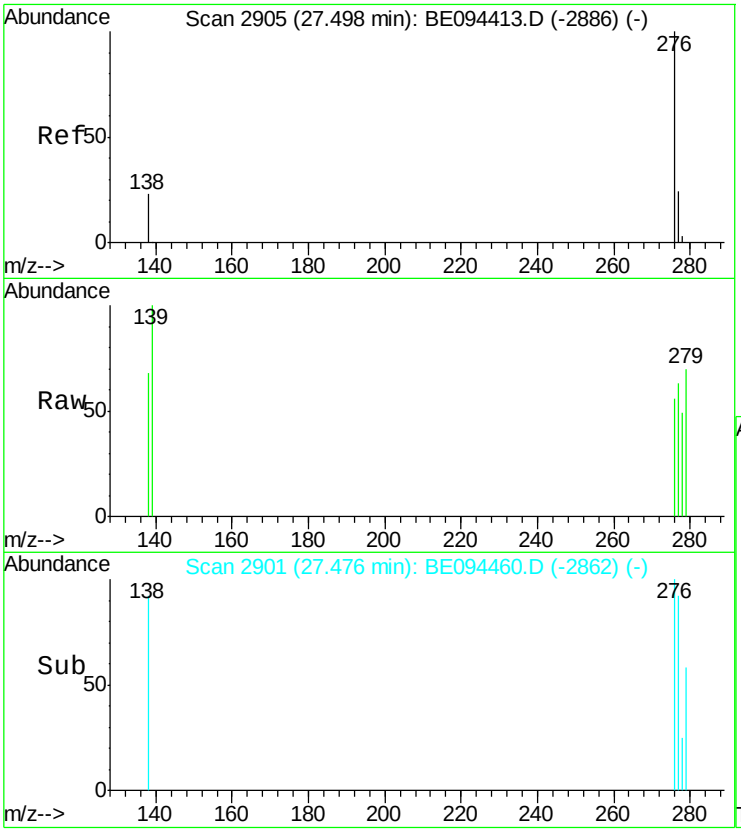




#38
Dibenzo(a,h)anthracene
Concen: 0.001 ng
RT: 26.65 min Scan# 2720
Delta R.T. -0.01 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

Tgt Ion:278 Resp: 22

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 184.6 | 56.0 | 84.0# |
| 279 | 135.6 | 52.0 | 78.0# |






#39
Benzo(g,h,i)perylene
Concen: 0.002 ng
RT: 27.48 min Scan# 2901
Delta R.T. -0.02 min
Lab File: BE094460.D
Acq: 19 Oct 2017 23:56

**Instrument :**
BNA_E
**ClientSampleId :**
3915-PA4

Tgt Ion:276 Resp: 50

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 112.5 | 52.0 | 78.0# |
| 138 | 121.7 | 44.0 | 66.0# |