Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102317\
Data File : BE094504.D
Acq On : 23 Oct 2017 20:24
Operator : SJ/JU
Sample : PB103539TB
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** PB103539TB

Quant Time: Oct 23 22:29:23 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 19:31:26 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.91 | 152 | 1141 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.74 | 136 | 5577 | 0.40 | ng | | 0.03 |
| 13) Acenaphthene-d10 | 14.54 | 164 | 3747 | 0.40 | ng | | 0.03 |
| 19) Phenanthrene-d10 | 17.27 | 188 | 9556 | 0.40 | ng | | 0.03 |
| 27) Chrysene-d12 | 21.44 | 240 | 9386 | 0.40 | ng | | 0.01 |
| 34) Perylene-d12 | 23.95 | 264 | 8956 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.53 | 112 | 909 | 0.23 | ng | | 0.00 |
| 5) Phenol-d6 | 7.23 | 99 | 1073 | 0.18 | ng | | 0.09 |
| 8) Nitrobenzene-d5 | 9.15 | 82 | 826 | 0.19 | ng | | 0.07 |
| 11) 2-Methylnaphthalene-d10 | 12.34 | 152 | 2401 | 0.27 | ng | | 0.05 |
| 14) 2,4,6-Tribromophenol | 16.09 | 330 | 145 | 0.14 | ng | | 0.06 |
| 15) 2-Fluorobiphenyl | 13.19 | 172 | 2990 | 0.23 | ng | | 0.04 |
| 25) Fluoranthene-d10 | 19.30 | 212 | 26795 | 0.19 | ng | | 0.02 |
| 29) Terphenyl-d14 | 19.87 | 244 | 4194 | 0.24 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.55 | 88 | 12 | 0.01 | ng | # | 16 |
| 3) n-Nitrosodimethylamine | 3.89 | 42 | 6 | 0.00 | ng | # | 1 |
| 6) bis(2-Chloroethyl)ether | 7.37 | 93 | 6 | 0.00 | ng | # | 1 |
| 9) Naphthalene | 10.76 | 128 | 87 | 0.00 | ng | # | 46 |
| 10) Hexachlorobutadiene | 11.03 | 225 | 2 | 0.00 | ng | # | 17 |
| 12) 2-Methylnaphthalene | 12.40 | 142 | 2 | 0.00 | ng | # | 53 |
| 16) Acenaphthylene | 14.24 | 152 | 5 | 0.00 | ng | # | 1 |
| 17) Acenaphthene | 14.60 | 154 | 2 | 0.00 | ng | # | 5 |
| 18) Fluorene | 15.59 | 166 | 4 | 0.00 | ng | # | 72 |
| 20) 4-Bromophenyl-phenylether | 16.55 | 248 | 2 | 0.00 | ng | # | 51 |
| 21) Hexachlorobenzene | 16.65 | 284 | 6 | 0.00 | ng | # | 38 |
| 22) Pentachlorophenol | 17.07 | 266 | 8 | 0.01 | ng | | 93 |
| 23) Phenanthrene | 17.30 | 178 | 39 | Below Cal | | # | 76 |
| 24) Anthracene | 17.46 | 178 | 10 | 0.00 | ng | # | 1 |
| 26) Fluoranthene | 19.33 | 202 | 21 | Below Cal | | # | 8 |
| 28) Pyrene | 19.69 | 202 | 37 | 0.00 | ng | # | 56 |
| 30) Benzo(a)anthracene | 21.43 | 228 | 109 | 0.00 | ng | # | 38 |
| 31) Chrysene | 21.43 | 228 | 103 | 0.00 | ng | # | 38 |
| 32) Bis(2-ethylhexyl)phthalate | 21.29 | 149 | 469 | 0.01 | ng | # | 87 |
| 33) Indeno(1,2,3-cd)pyrene | 26.65 | 276 | 13 | 0.00 | ng | # | 38 |
| 35) Benzo(b)fluoranthene | 23.20 | 252 | 73 | 0.00 | ng | # | 32 |
| 36) Benzo(k)fluoranthene | 23.20 | 252 | 73 | 0.00 | ng | # | 32 |
| 37) Benzo(a)pyrene | 23.82 | 252 | 5 | 0.00 | ng | # | 22 |
| 38) Dibenzo(a,h)anthracene | 26.64 | 278 | 9 | 0.00 | ng | # | 24 |
| 39) Benzo(g,h,i)perylene | 27.49 | 276 | 17 | 0.00 | ng | # | 43 |

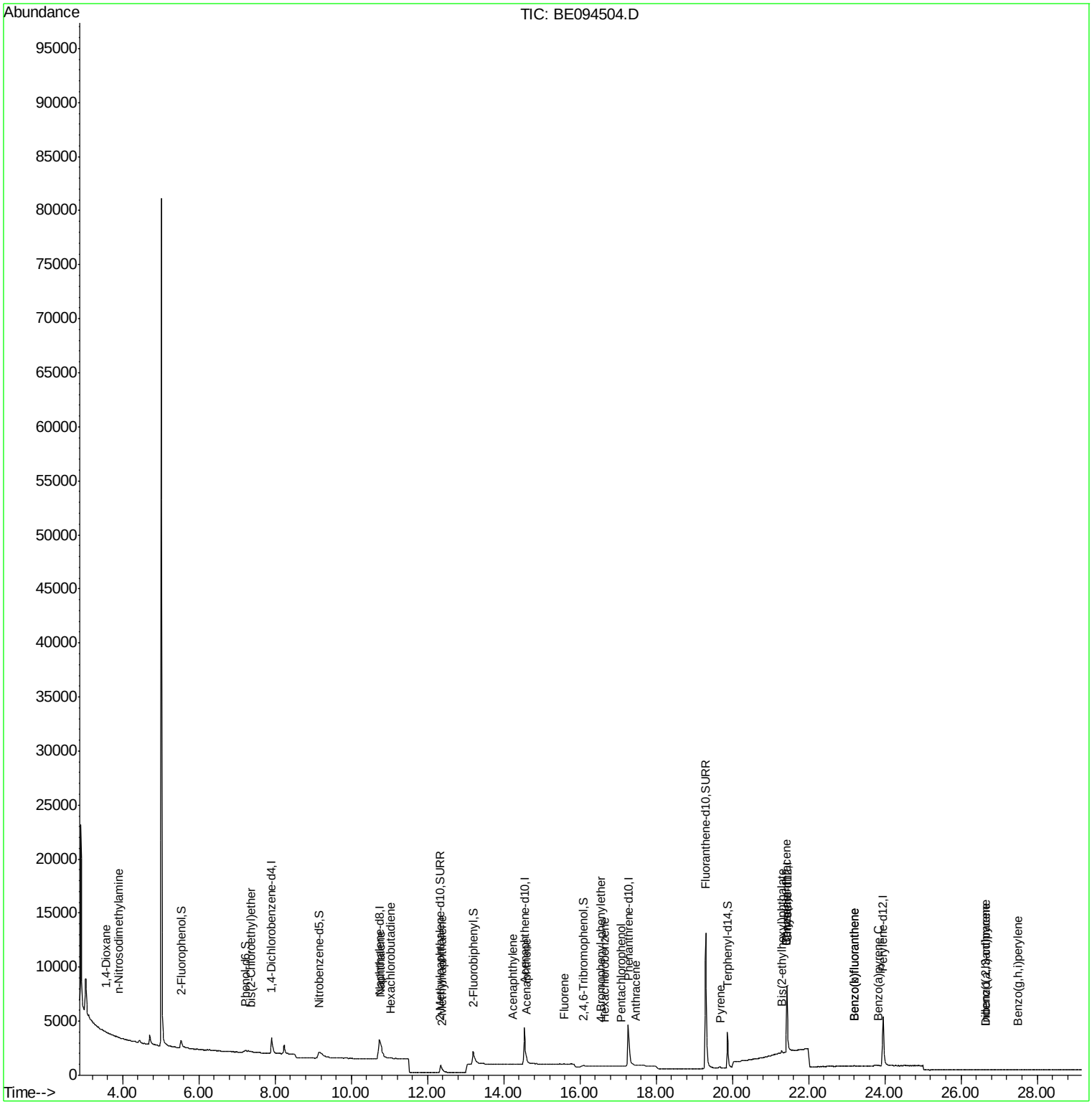
(#) = qualifier out of range (m) = manual integration (+) = signals summed

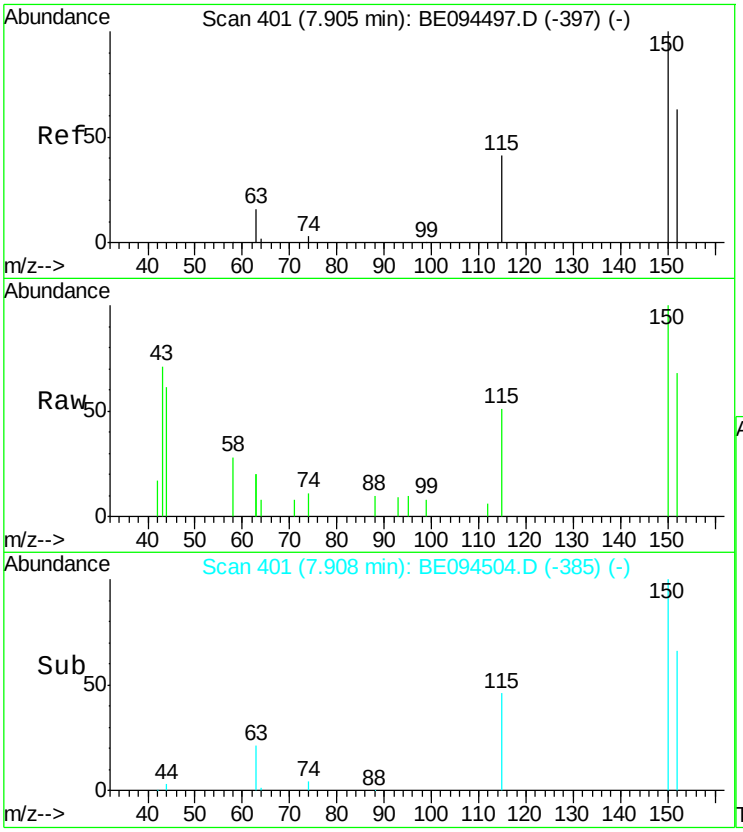
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102317\
Data File : BE094504.D
Acq On : 23 Oct 2017 20:24
Operator : SJ/JU
Sample : PB103539TB
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
PB103539TB

Quant Time: Oct 23 22:29:23 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 19:31:26 2017
Response via : Initial Calibration



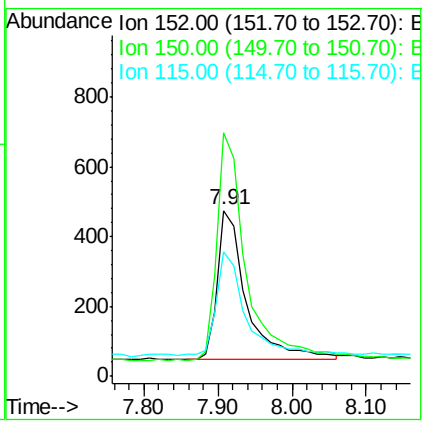


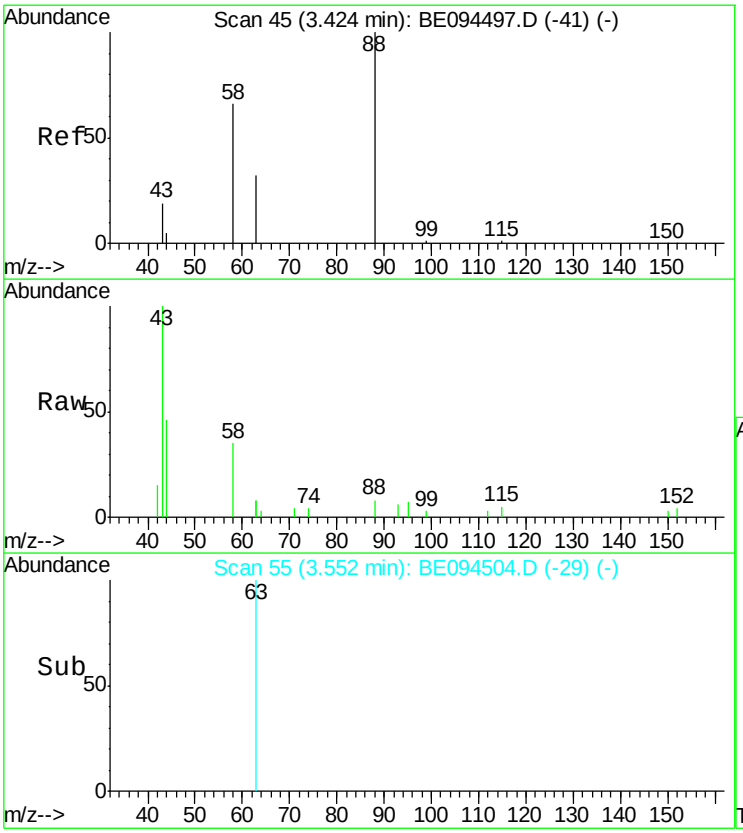

#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

**Instrument :**
BNA_E
**ClientSampleId :**
PB103539TB

Tgt Ion:152 Resp: 1141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 146.7 | 117.2 | 175.8 |
| 115 | 75.4 | 57.0 | 85.6 |

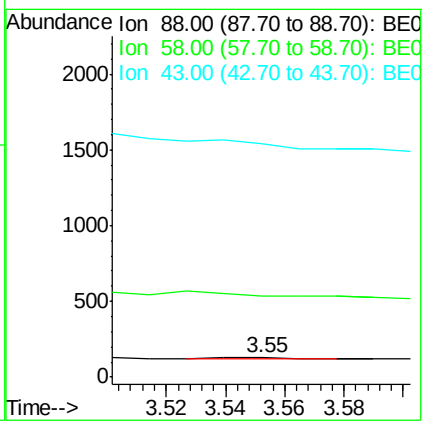


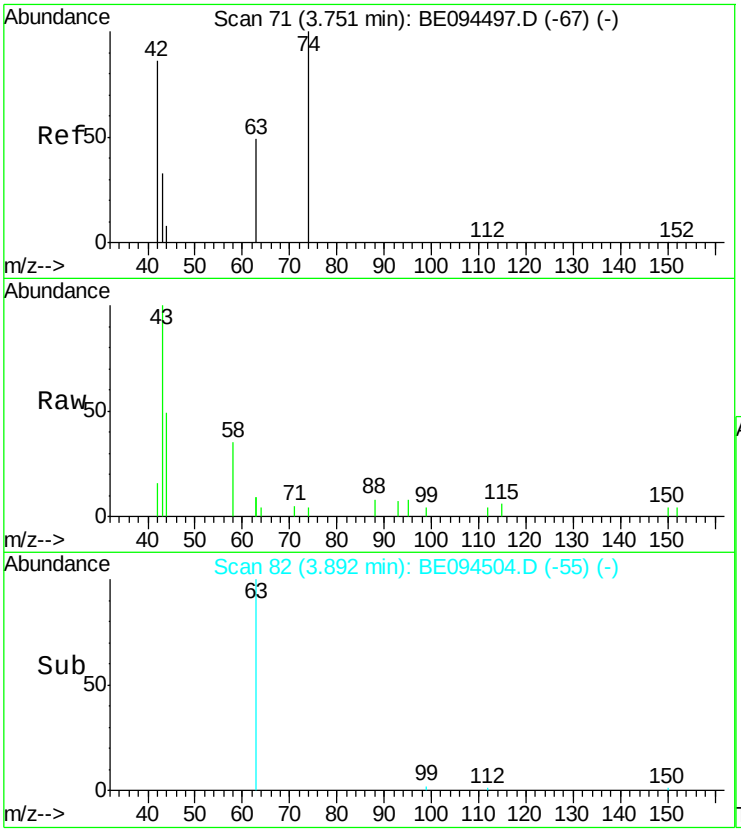




#2
1,4-Dioxane
Concen: 0.01 ng
RT: 3.55 min Scan# 55
Delta R.T. 0.13 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

Tgt Ion: 88 Resp: 12

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



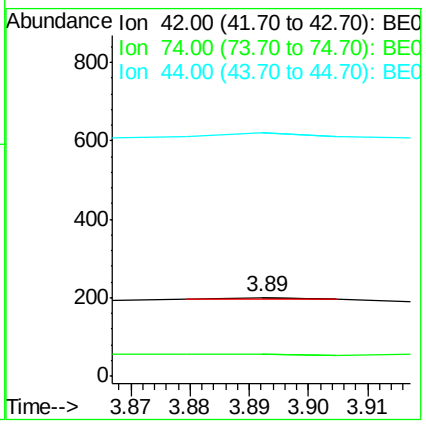


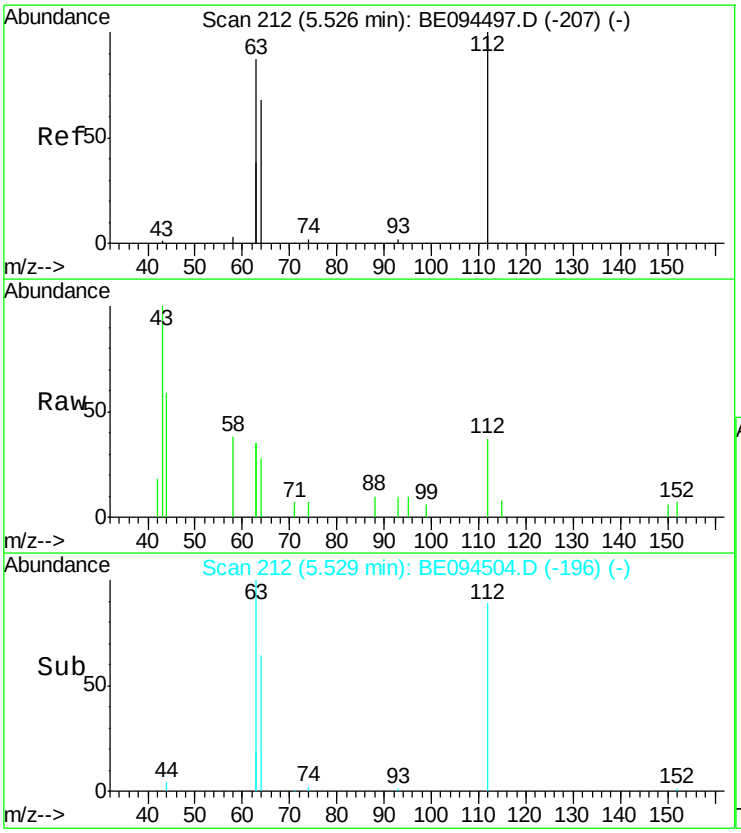

#3
n-Nitrosodimethylamine
Concen: 0.00 ng
RT: 3.89 min Scan# 82
Delta R.T. 0.14 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

**Instrument :**
BNA_E
**ClientSampleId :**
PB103539TB

Tgt Ion: 42 Resp: 6

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 0.0 | 100.3 | 150.5# |
| 44 | 0.0 | 17.0 | 25.4# |

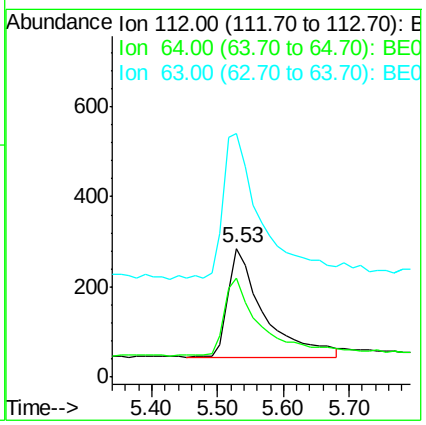


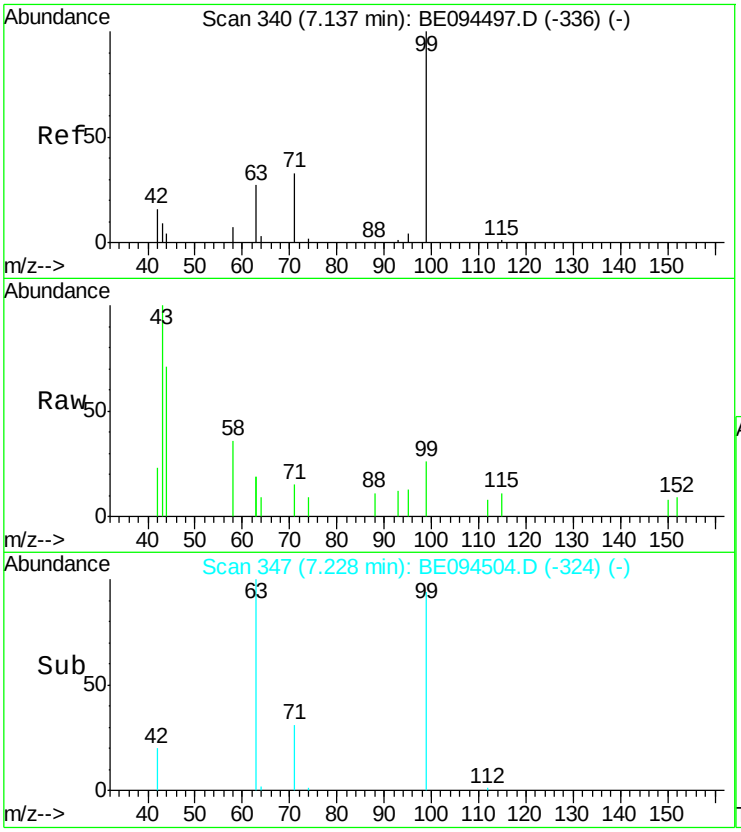




#4
2-Fluorophenol
Concen: 0.23 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

Tgt Ion:112 Resp: 909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 72.5 | 60.1 | 90.1 |
| 63 | 146.8 | 116.8 | 175.2 |



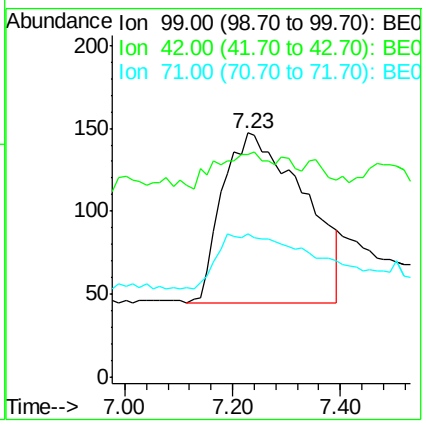


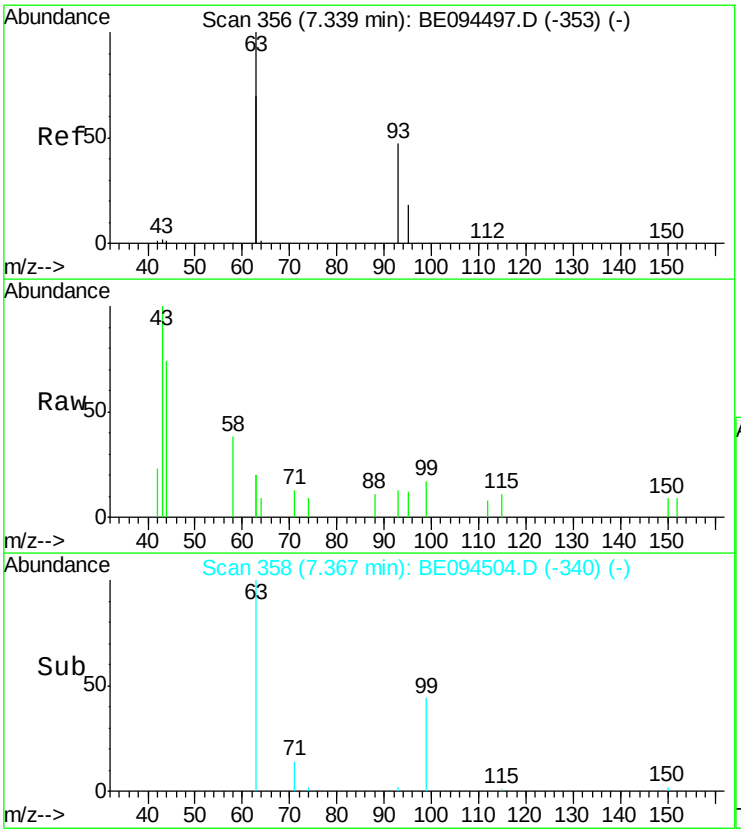

#5
Phenol-d6
Concen: 0.18 ng
RT: 7.23 min Scan# 347
Delta R.T. 0.09 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

**Instrument :**
BNA_E
**ClientSampleId :**
PB103539TB

Tgt Ion: 99 Resp: 1073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 14.3 | 20.2 | 30.2# |
| 71 | 0.0 | 28.4 | 42.6# |

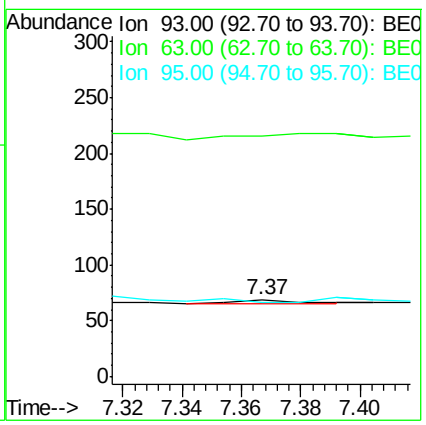


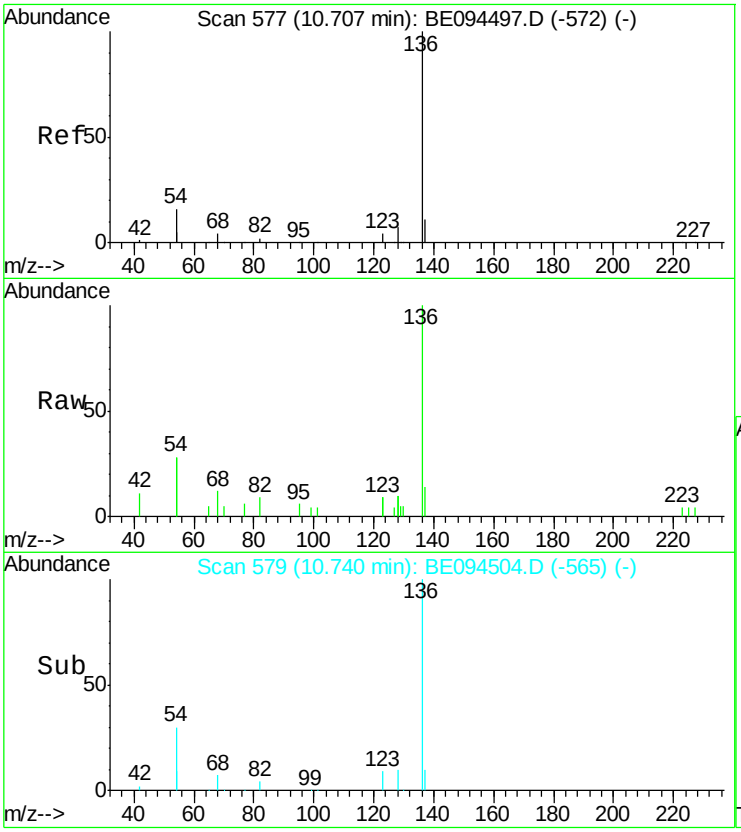




#6
bis(2-Chloroethyl)ether
Concen: 0.00 ng
RT: 7.37 min Scan# 358
Delta R.T. 0.03 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

Tgt Ion: 93 Resp: 6

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



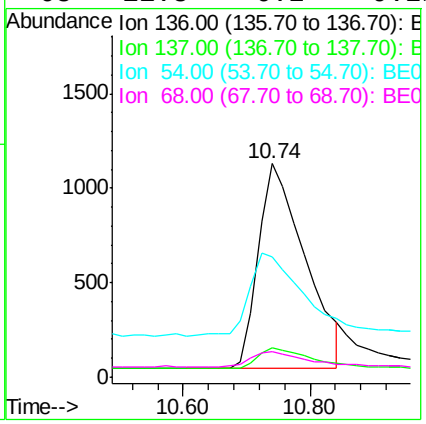


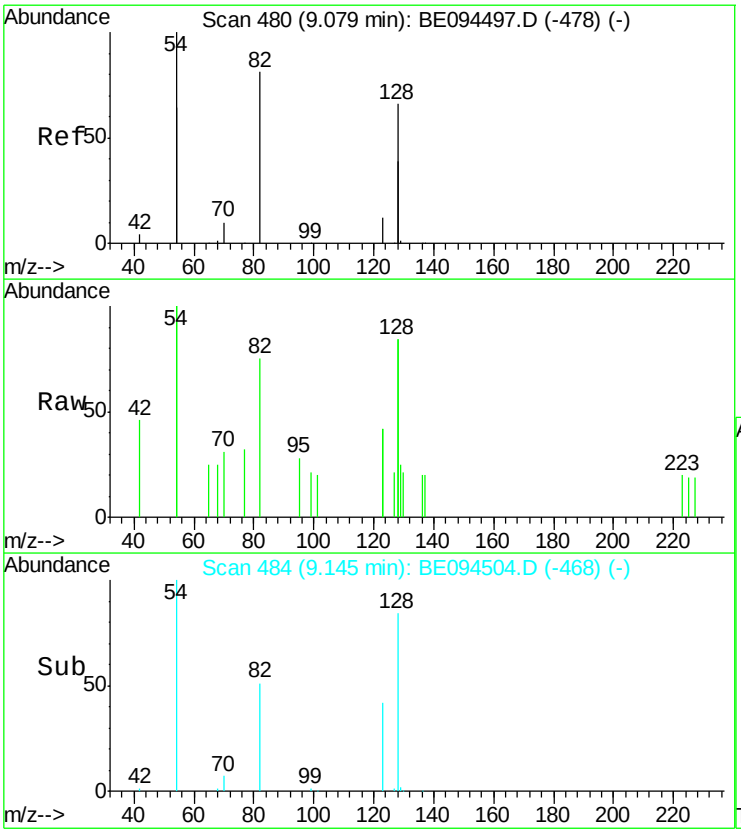

#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.74 min Scan# 579
Delta R.T. 0.03 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

**Instrument :**
BNA_E
**ClientSampleId :**
PB103539TB

Tgt Ion:136 Resp: 5577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 14.1 | 9.5 | 14.3 |
| 54 | 56.6 | 29.1 | 43.7# |
| 68 | 11.8 | 6.2 | 9.2# |

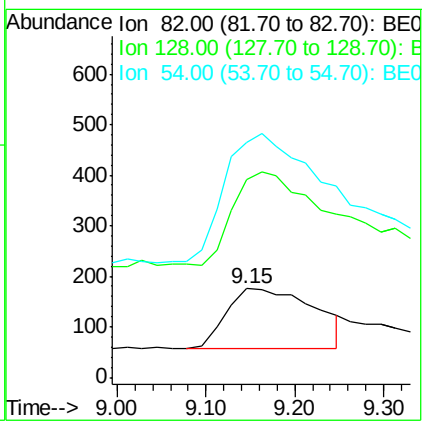


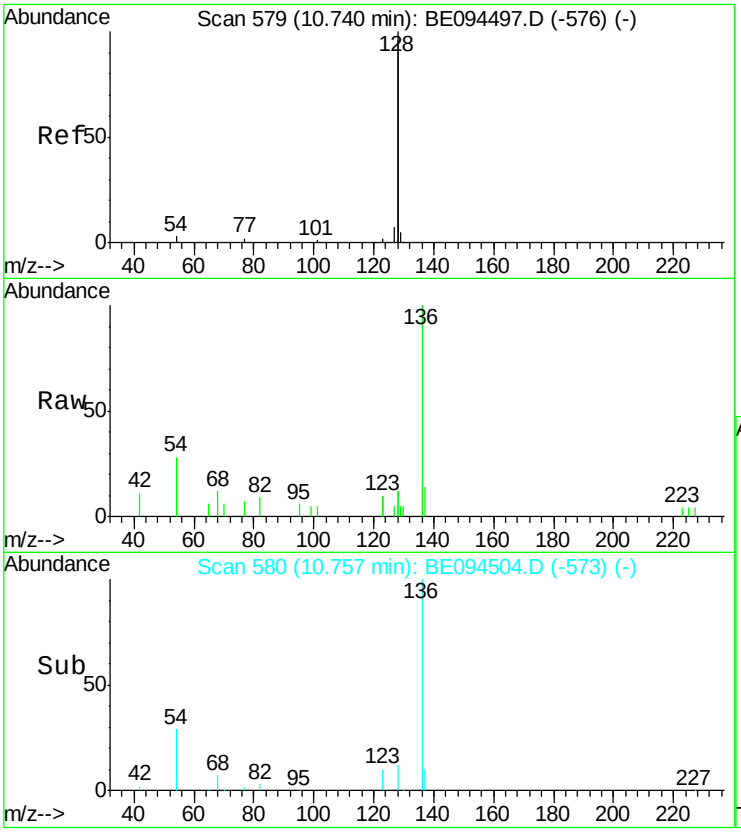




#8
Nitrobenzene-d5
Concen: 0.19 ng
RT: 9.15 min Scan# 484
Delta R.T. 0.07 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

Tgt Ion: 82 Resp: 826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 224.0 | 150.0 | 225.0 |
| 54 | 265.1 | 154.2 | 231.4# |



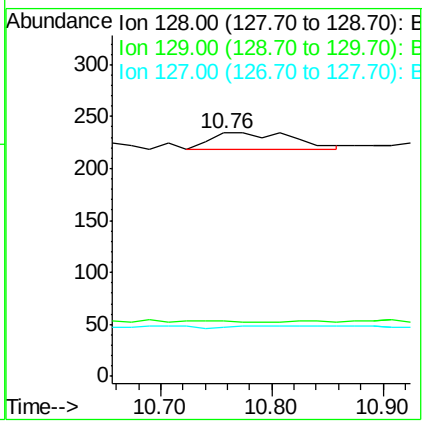


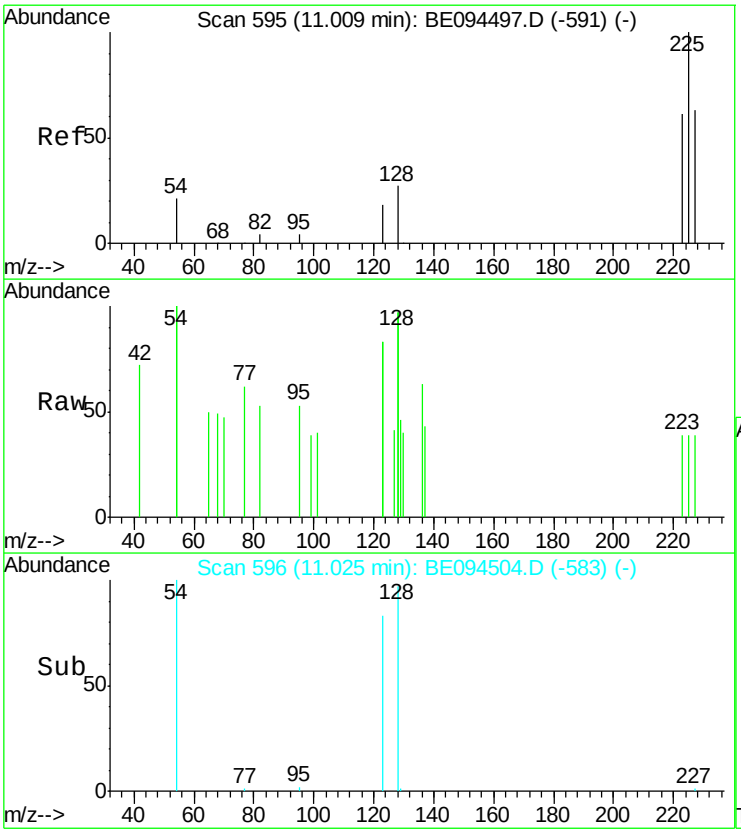

#9
Naphthalene
Concen: 0.00 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.02 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

**Instrument :**
BNA_E
**ClientSampleId :**
PB103539TB

Tgt Ion:128 Resp: 87

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 22.6 | 2.6 | 3.8# |
| 127 | 20.1 | 2.8 | 4.2# |

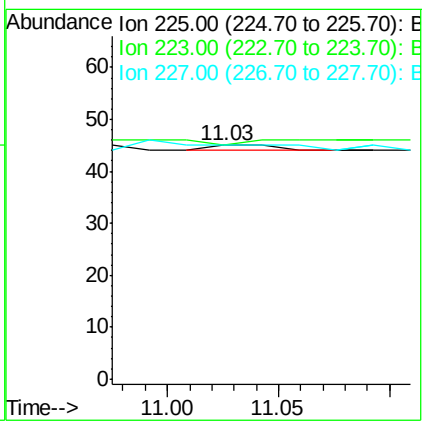


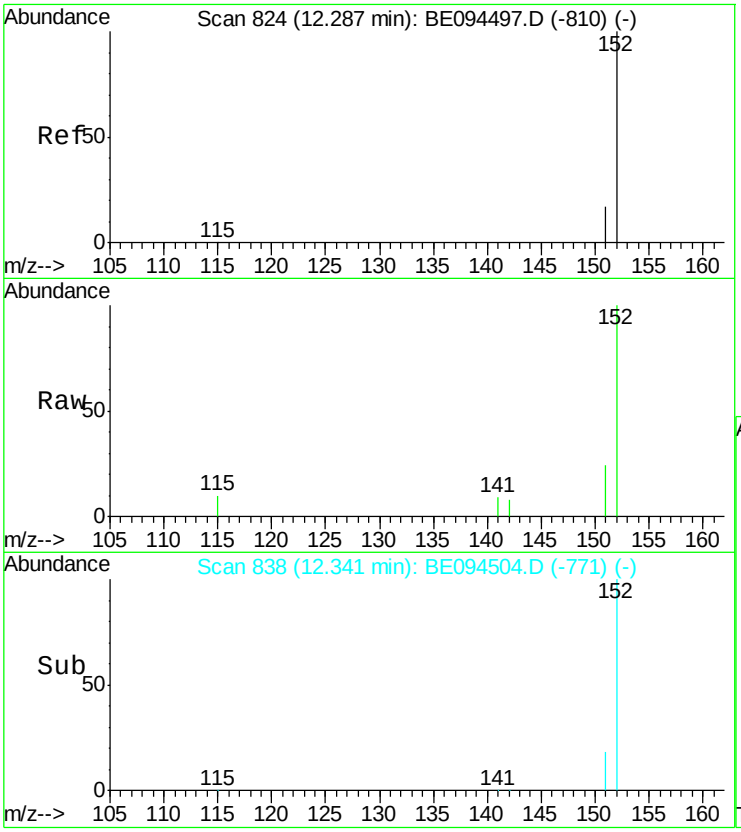




#10
Hexachlorobutadiene
Concen: 0.00 ng
RT: 11.03 min Scan# 596
Delta R.T. 0.02 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

Tgt Ion:225 Resp: 2

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 0.0 | 53.0 | 79.6# |
| 227 | 0.0 | 51.4 | 77.2# |



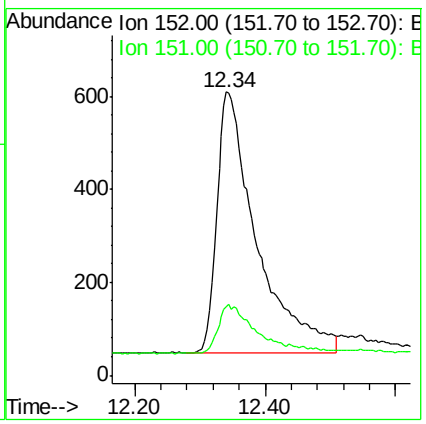


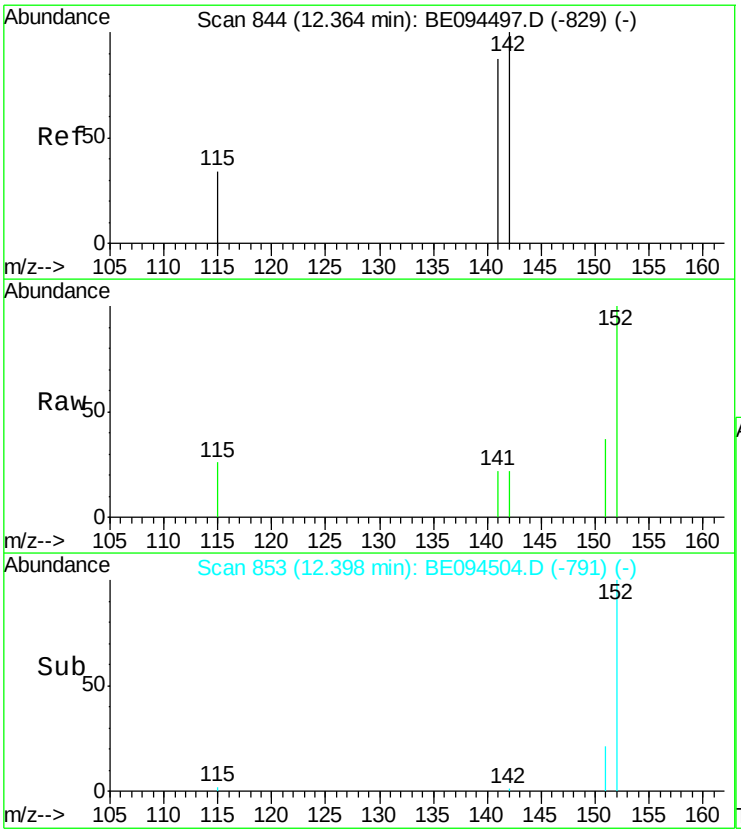

#11
2-Methylnaphthalene-d10
Concen: 0.27 ng
RT: 12.34 min Scan# 838
Delta R.T. 0.05 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

**Instrument :**
BNA_E
**ClientSampleId :**
PB103539TB

Tgt Ion:152 Resp: 2401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 16.5 | 15.4 | 23.0 |

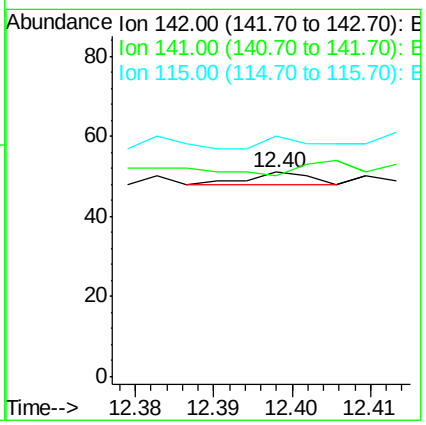


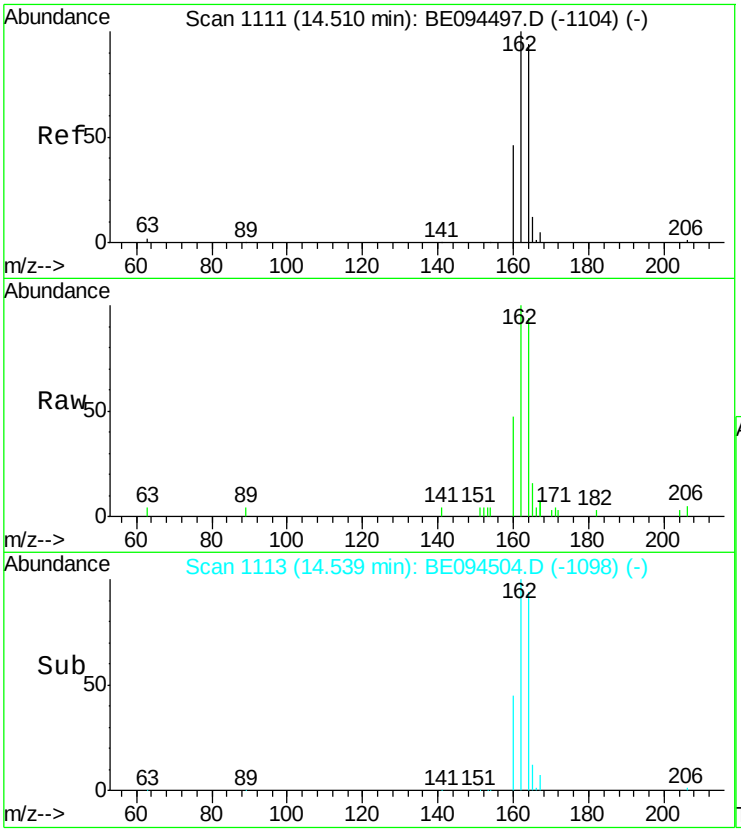




#12
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.40 min Scan# 853
Delta R.T. 0.03 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

Tgt Ion:142 Resp: 2

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 98.0 | 70.4 | 105.6 |
| 115 | 117.6 | 31.7 | 47.5# |



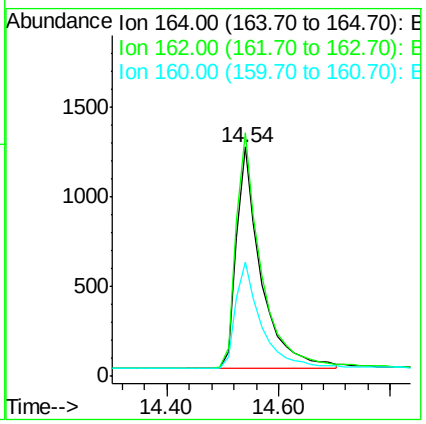


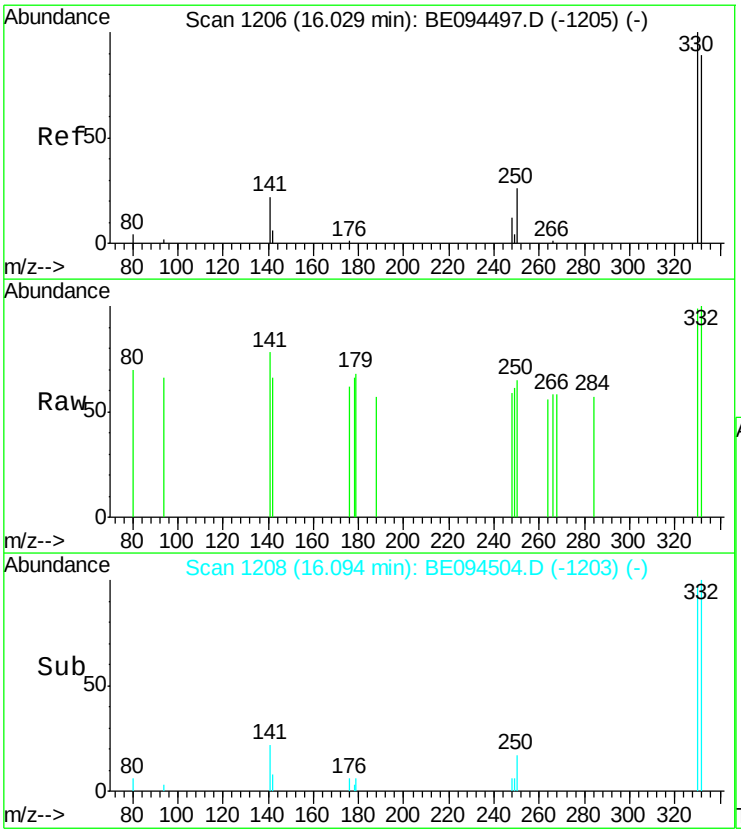

#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.54 min Scan# 1113
Delta R.T. 0.03 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

**Instrument :**
BNA_E
**ClientSampleId :**
PB103539TB

Tgt Ion:164 Resp: 3747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 106.3 | 83.1 | 124.7 |
| 160 | 49.6 | 37.1 | 55.7 |

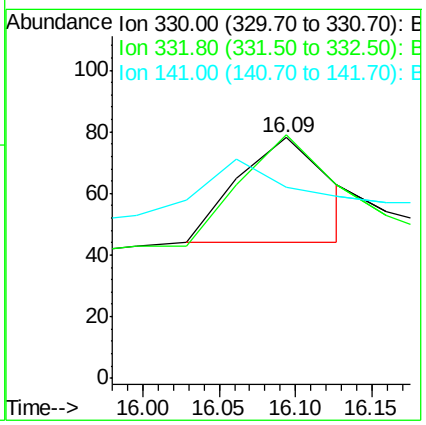


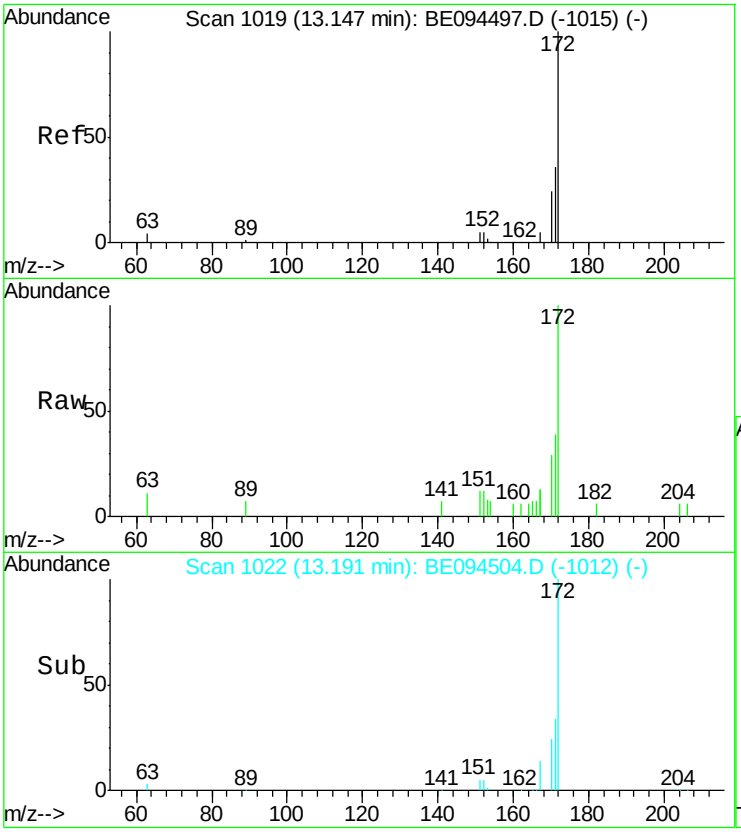




#14
2,4,6-Tribromophenol
Concen: 0.14 ng
RT: 16.09 min Scan# 1208
Delta R.T. 0.06 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

Tgt Ion:330 Resp: 145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 102.8 | 152.7 | 229.1# |
| 141 | 0.0 | 33.7 | 50.5# |



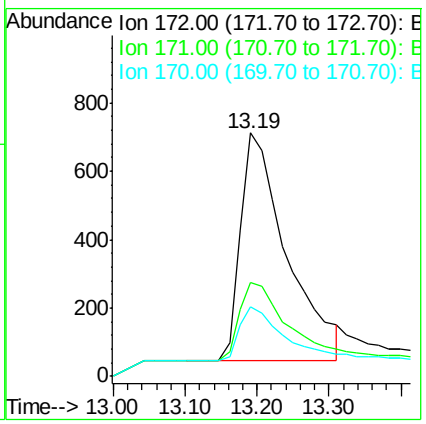


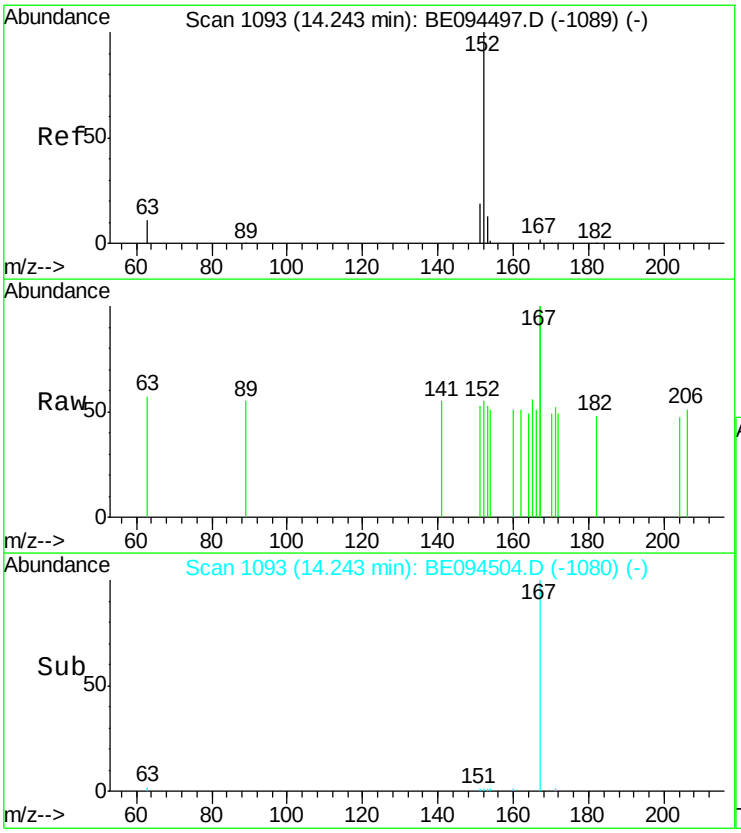

#15
2-Fluorobiphenyl
Concen: 0.23 ng
RT: 13.19 min Scan# 1022
Delta R.T. 0.04 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

**Instrument :**
BNA_E
**ClientSampleId :**
PB103539TB

Tgt Ion:172 Resp: 2990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 38.6 | 29.9 | 44.9 |
| 170 | 28.5 | 21.8 | 32.8 |

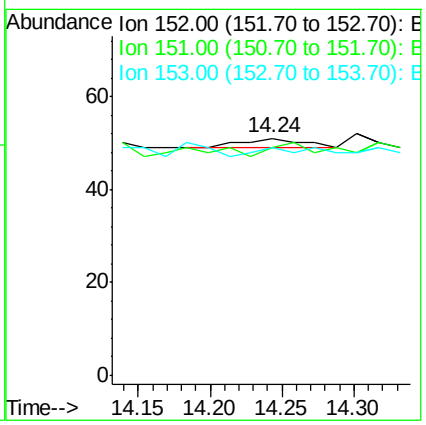


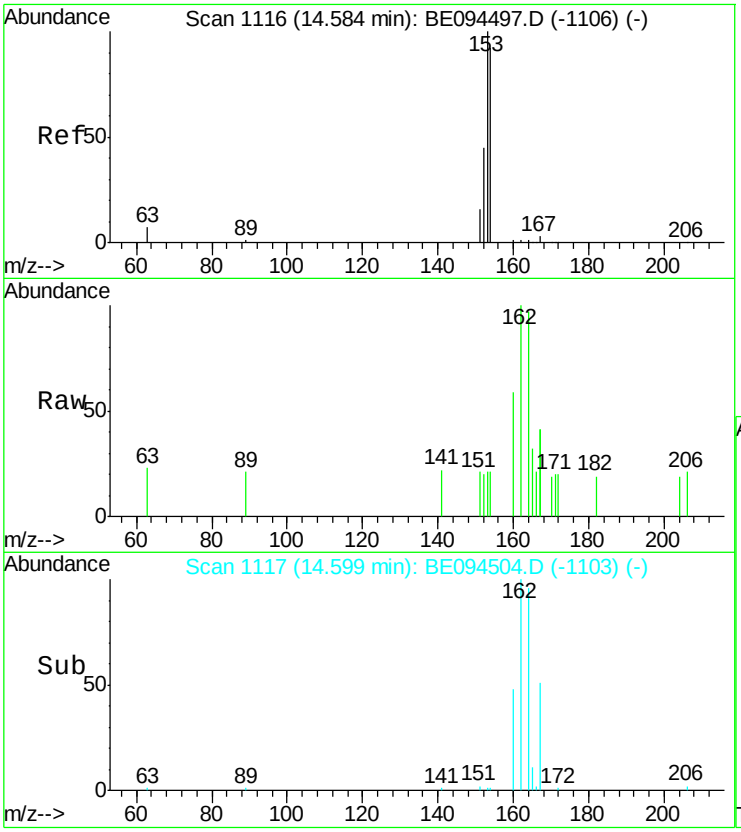




#16
Acenaphthylene
Concen: 0.00 ng
RT: 14.24 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

Tgt Ion:152 Resp: 5

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 160.0 | 15.7 | 23.5# |
| 153 | 140.0 | 10.5 | 15.7# |



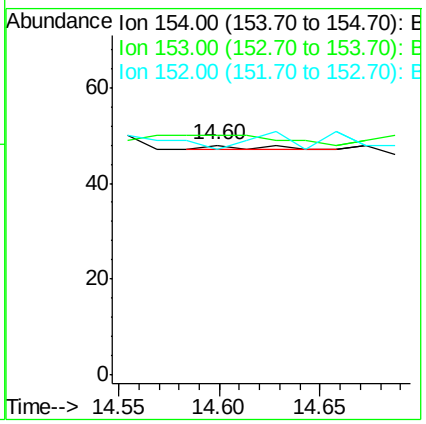


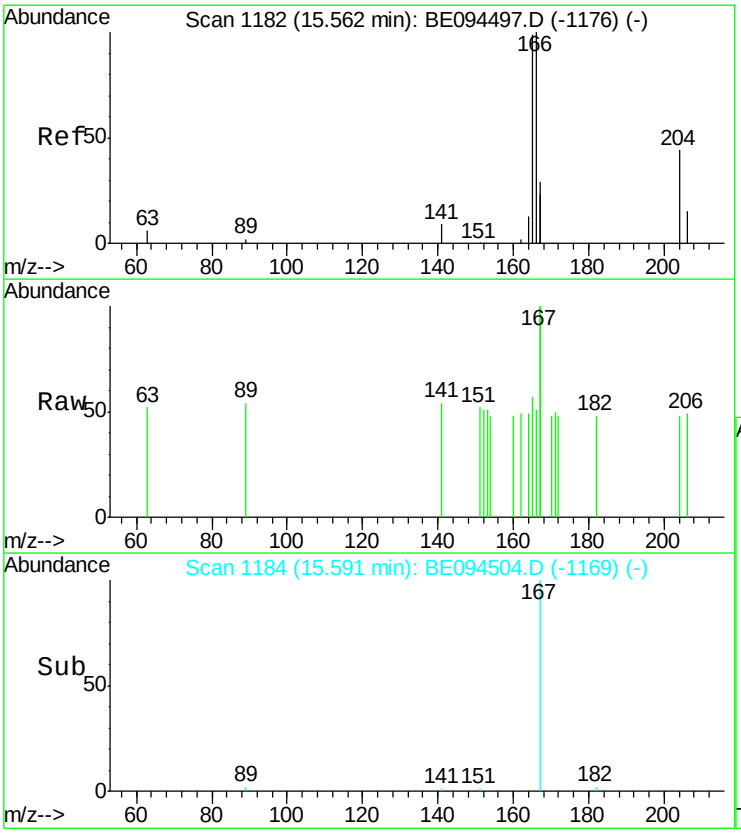

#17
Acenaphthene
Concen: 0.00 ng
RT: 14.60 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

**Instrument :**
BNA_E
**ClientSampleId :**
PB103539TB

Tgt Ion:154 Resp: 2

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 0.0 | 89.2 | 133.8# |
| 152 | 0.0 | 42.0 | 63.0# |

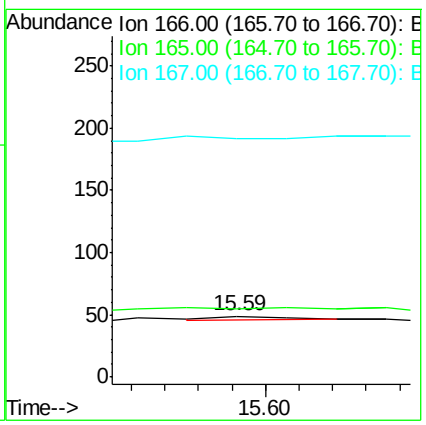


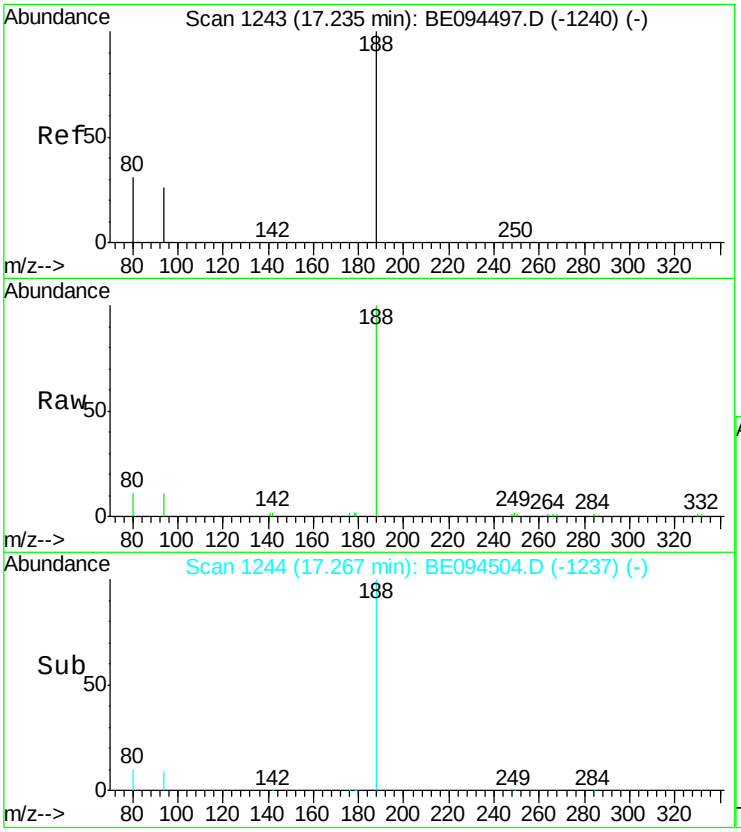




#18
Fluorene
Concen: 0.00 ng
RT: 15.59 min Scan# 1184
Delta R.T. 0.03 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

Tgt Ion:166 Resp: 4

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.0 | 77.8 | 116.6 |
| 167 | 0.0 | 42.4 | 63.6# |



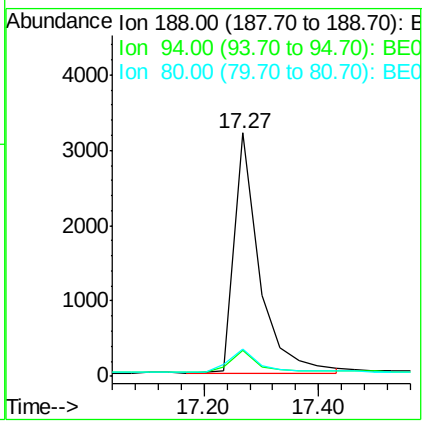


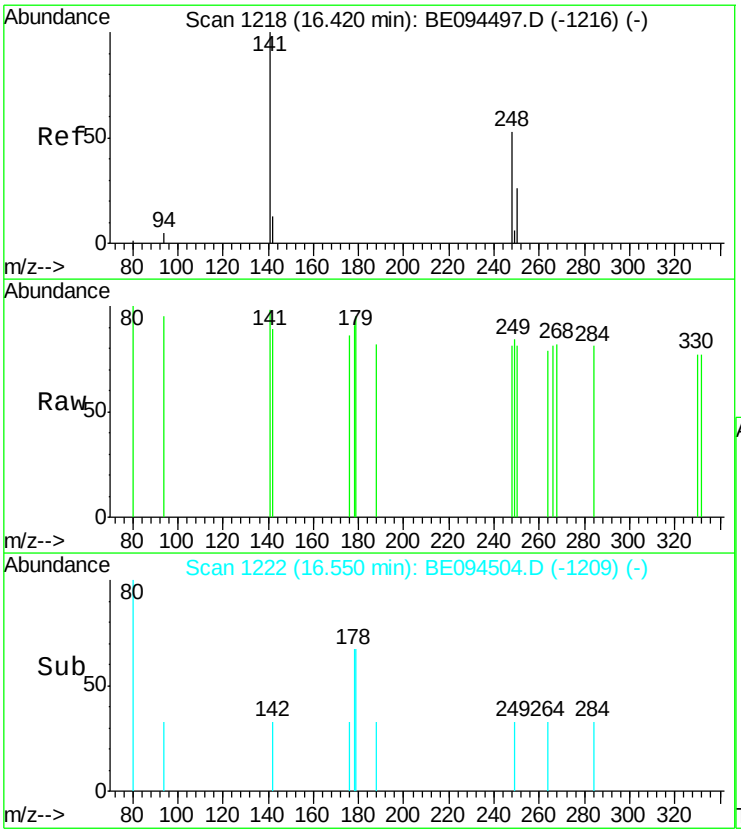

#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

**Instrument :**
BNA_E
**ClientSampleId :**
PB103539TB

Tgt Ion:188 Resp: 9556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.8 | 3.9 | 5.9# |
| 80 | 11.4 | 3.6 | 5.4# |

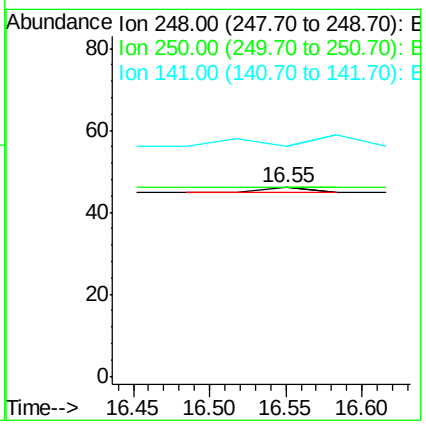


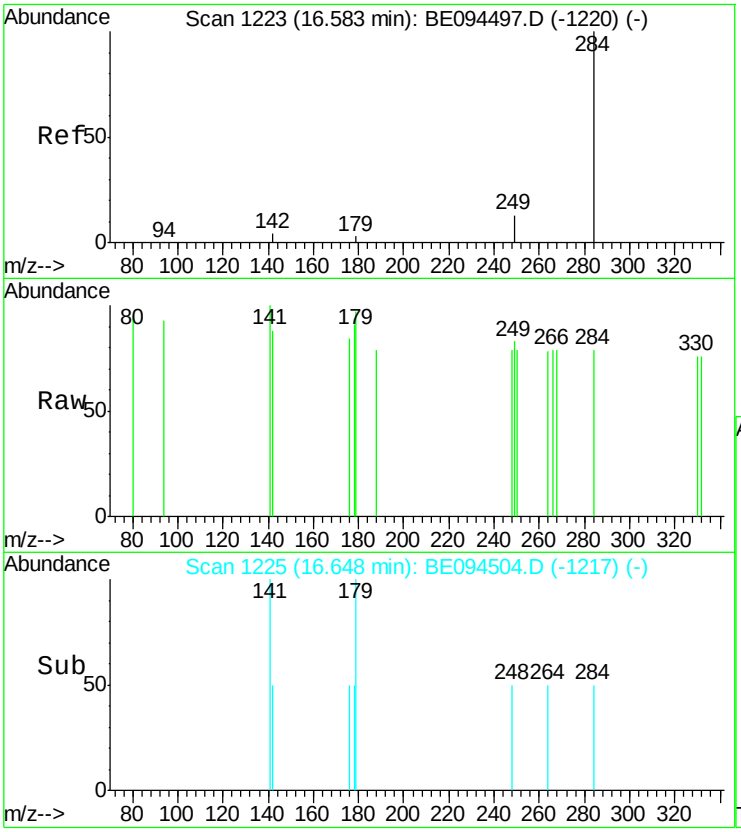




#20
4-Bromophenyl-phenylether
Concen: 0.00 ng
RT: 16.55 min Scan# 1222
Delta R.T. 0.13 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

Tgt Ion:248 Resp: 2

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 100.0 | 62.7 | 94.1# |
| 141 | 121.7 | 48.2 | 72.2# |



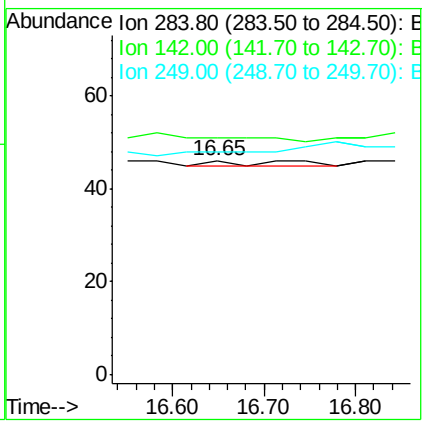


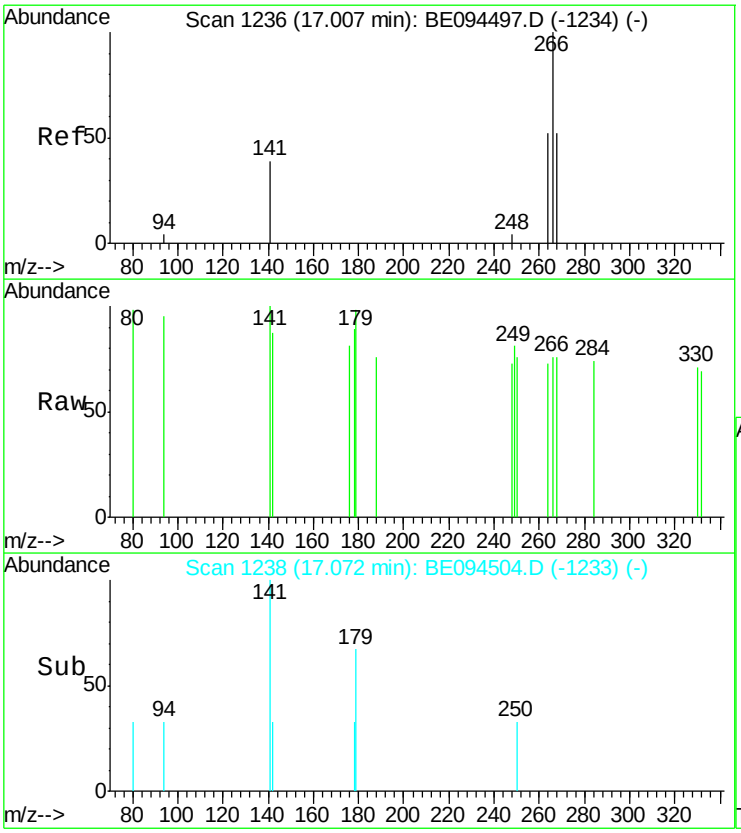

#21
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.65 min Scan# 1225
Delta R.T. 0.06 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

**Instrument :**
BNA_E
**ClientSampleId :**
PB103539TB

Tgt Ion:284 Resp: 6

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

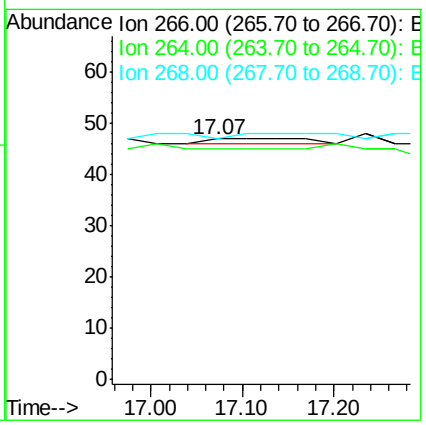


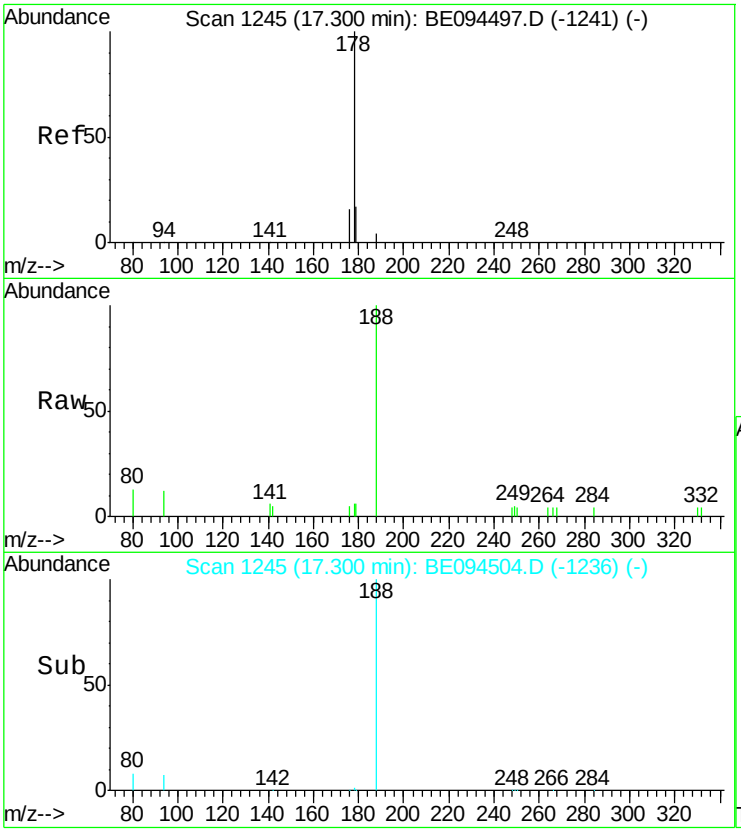




#22
Pentachlorophenol
Concen: 0.01 ng
RT: 17.07 min Scan# 1238
Delta R.T. 0.06 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

Tgt Ion:266 Resp: 8

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 95.7 | 72.5 | 108.7 |
| 268 | 100.0 | 73.8 | 110.6 |



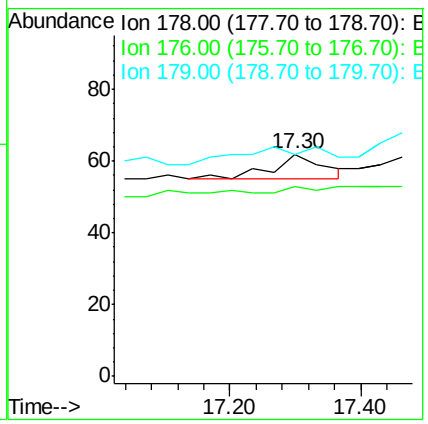


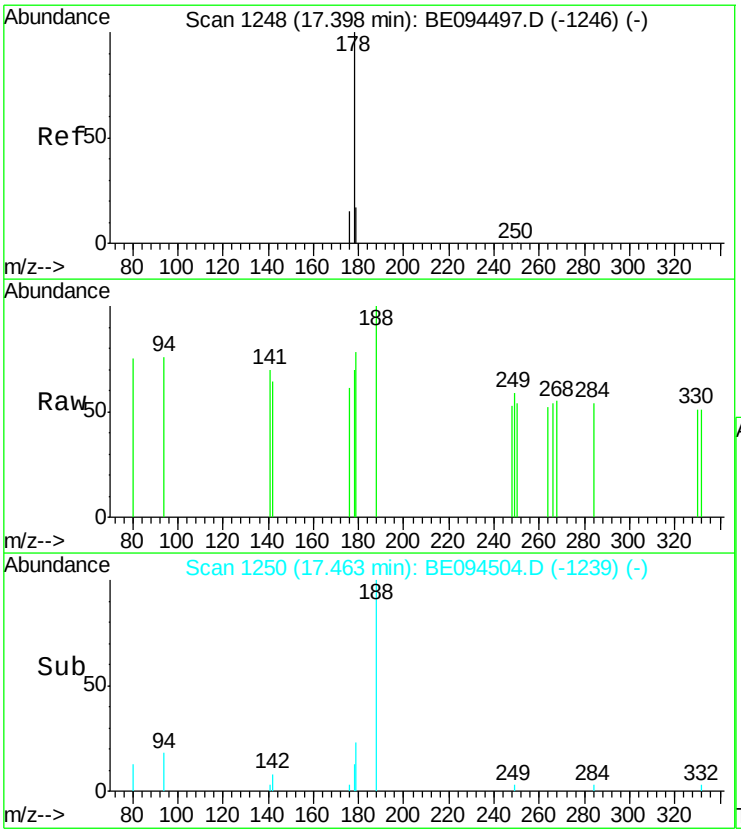

#23
Phenanthrene
Concen: Below Cal
RT: 17.30 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

**Instrument :**
BNA_E
**ClientSampleId :**
PB103539TB

Tgt Ion:178 Resp: 39

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

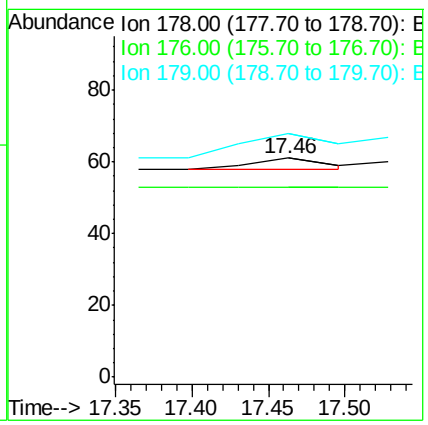


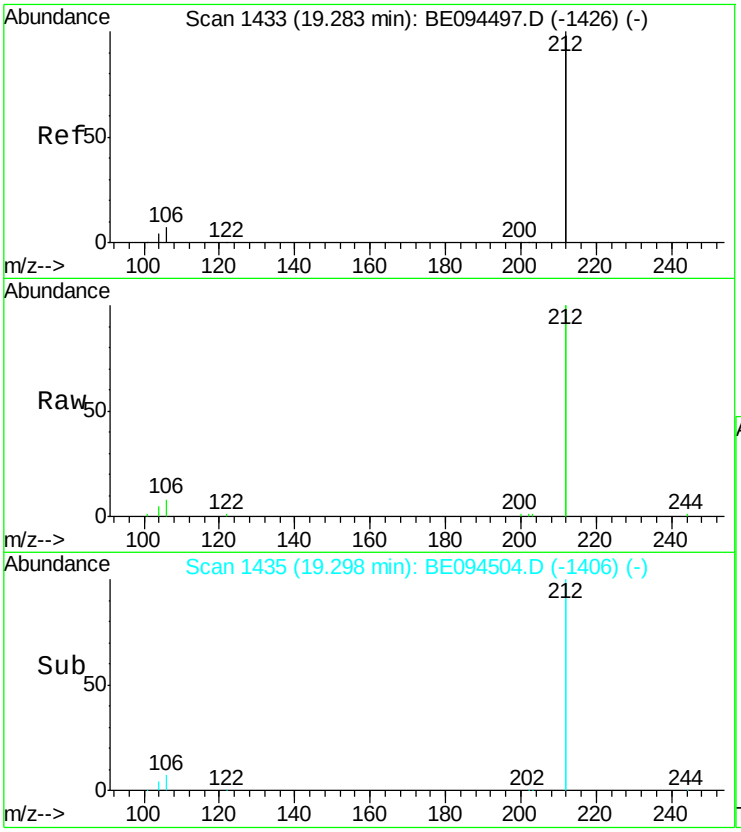




#24
Anthracene
Concen: 0.00 ng
RT: 17.46 min Scan# 1250
Delta R.T. 0.06 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

Tgt Ion:178 Resp: 10

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 0.0 | 12.8 | 19.2# |
| 179 | 290.0 | 13.0 | 19.6# |



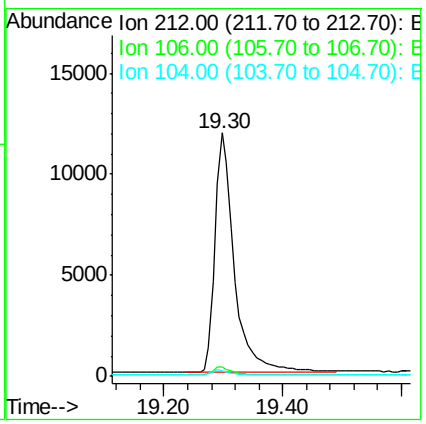


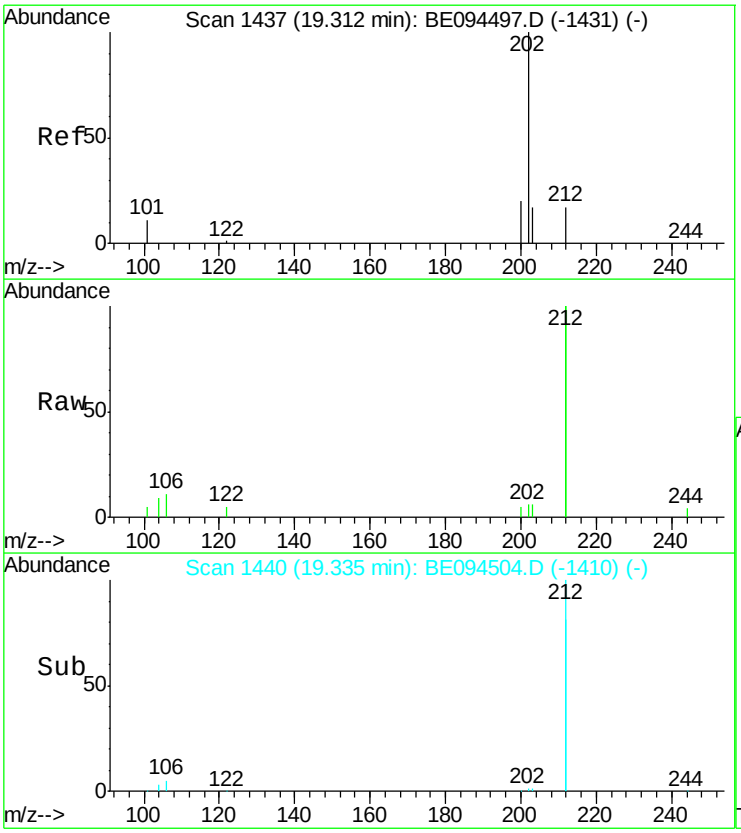

#25
Fluoranthene-d10
Concen: 0.19 ng
RT: 19.30 min Scan# 1435
Delta R.T. 0.02 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

**Instrument :**
BNA_E
**ClientSampleId :**
PB103539TB

Tgt Ion:212 Resp: 26795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 3.6 | 2.8 | 4.2 |
| 104 | 2.0 | 1.6 | 2.4 |

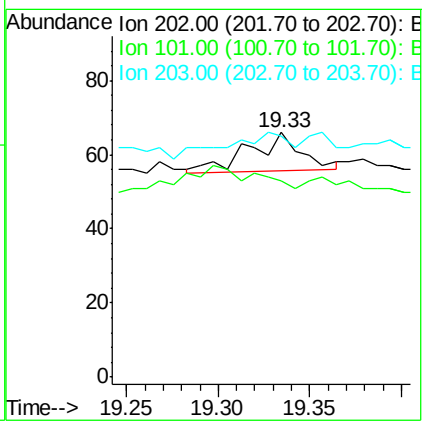


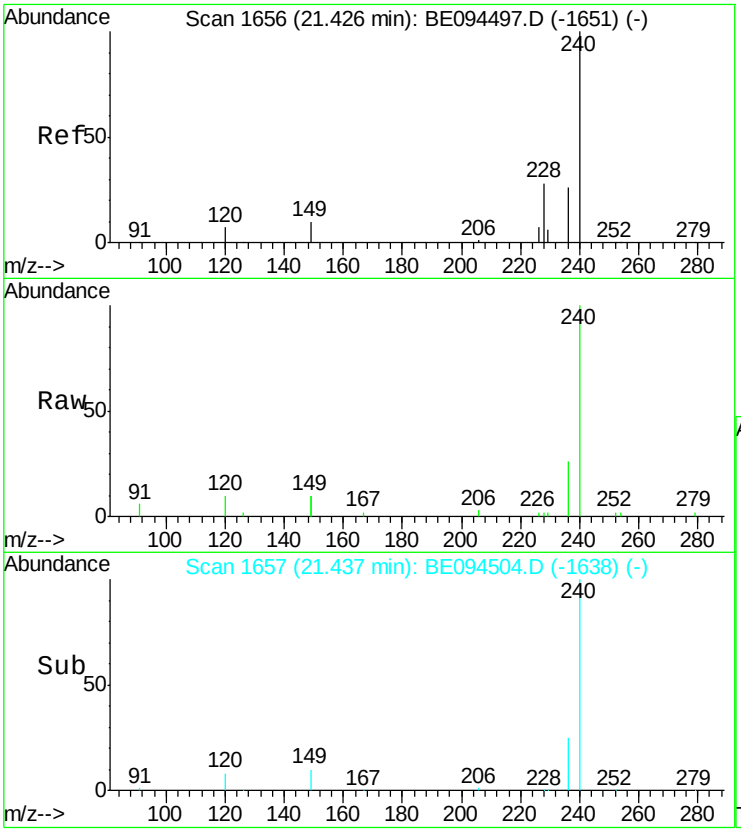




#26
Fluoranthene
Concen: Below Cal
RT: 19.33 min Scan# 1440
Delta R.T. 0.02 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

Tgt Ion:202 Resp: 21

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 0.0 | 9.8 | 14.8# |
| 203 | 76.2 | 13.7 | 20.5# |



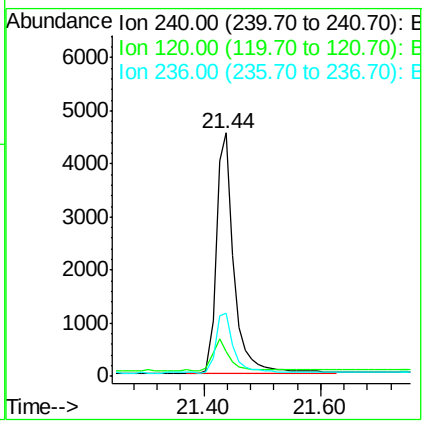


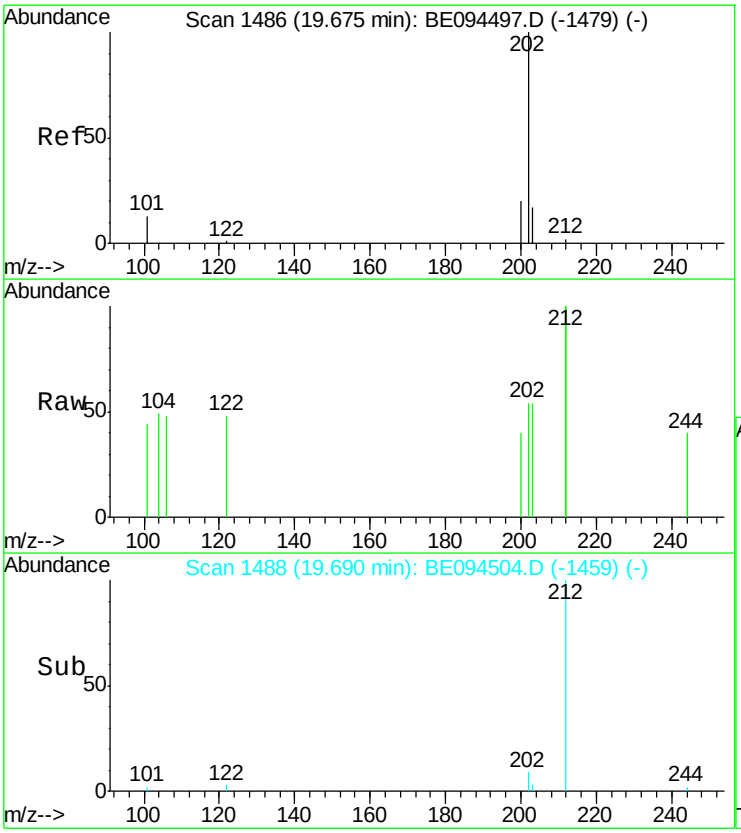

#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.44 min Scan# 1657
Delta R.T. 0.01 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

**Instrument :**
BNA_E
**ClientSampleId :**
PB103539TB

Tgt Ion:240 Resp: 9386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.4 | 5.5 | 8.3# |
| 236 | 26.1 | 20.7 | 31.1 |

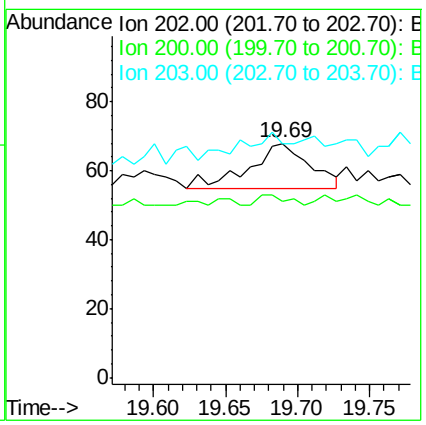


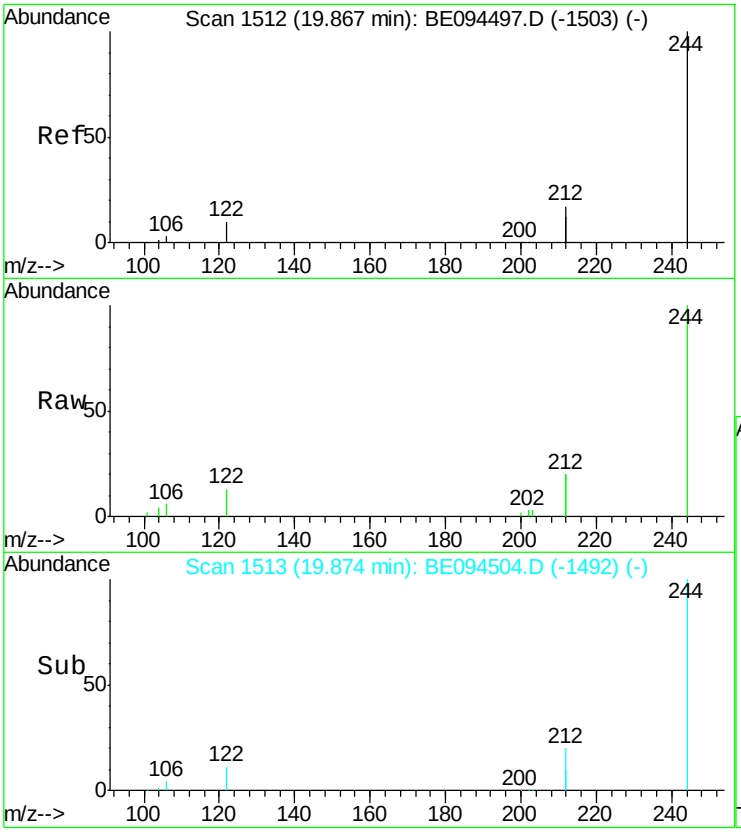




#28
Pyrene
Concen: 0.00 ng
RT: 19.69 min Scan# 1488
Delta R.T. 0.01 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

Tgt Ion:202 Resp: 37

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 10.8 | 16.6 | 25.0# |
| 203 | 48.6 | 13.8 | 20.8# |



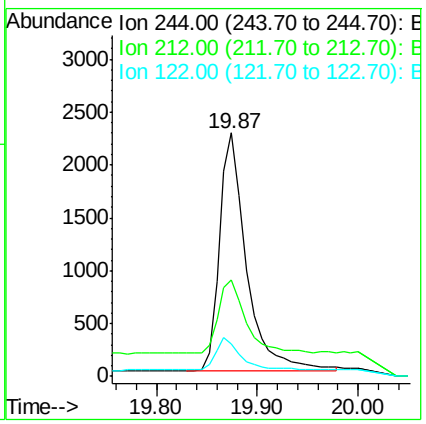


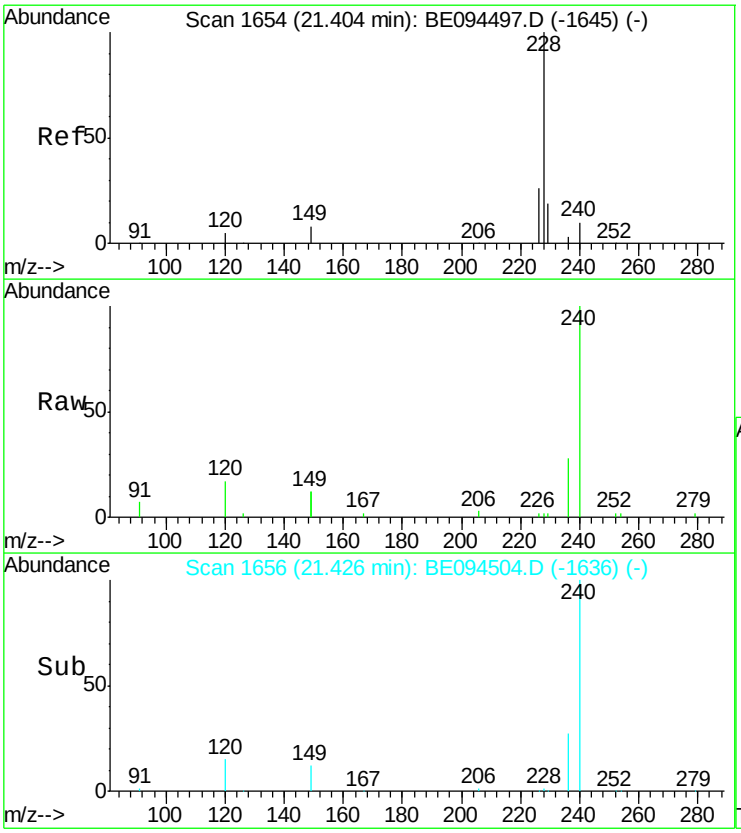

#29
Terphenyl-d14
Concen: 0.24 ng
RT: 19.87 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

**Instrument :**
BNA_E
**ClientSampleId :**
PB103539TB

Tgt Ion:244 Resp: 4194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 39.4 | 25.4 | 38.0# |
| 122 | 13.1 | 8.1 | 12.1# |

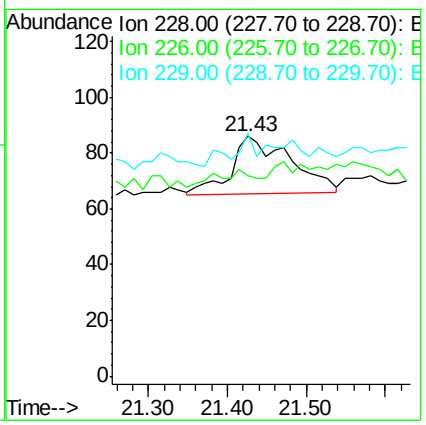


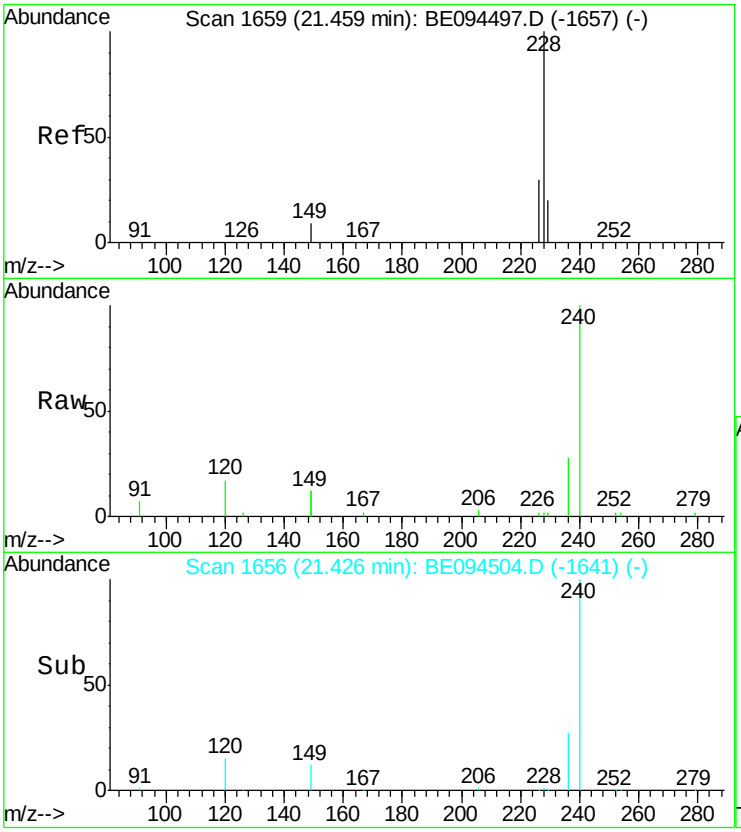




#30
Benzo(a)anthracene
Concen: 0.00 ng
RT: 21.43 min Scan# 1656
Delta R.T. 0.02 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

Tgt Ion:228 Resp: 109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 83.7 | 40.0 | 60.0# |
| 229 | 101.2 | 40.0 | 60.0# |



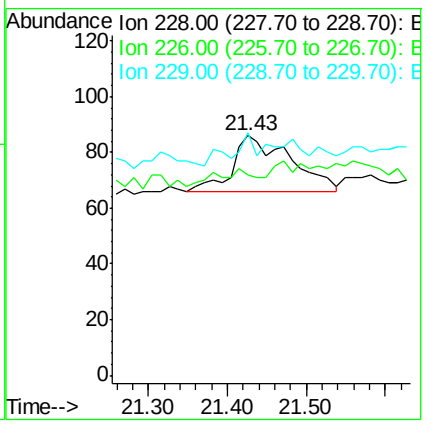


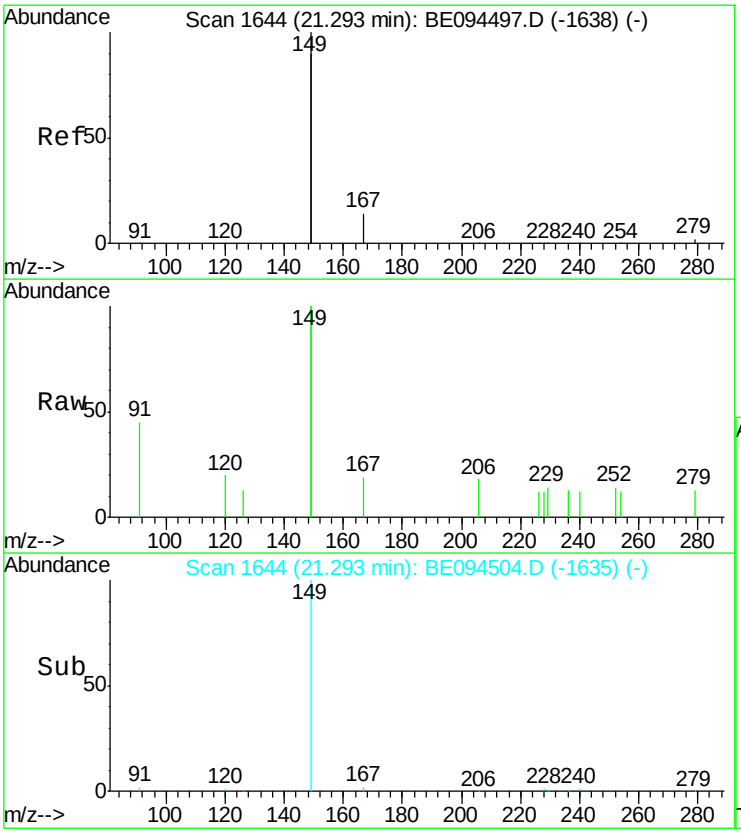

#31
Chrysene
Concen: 0.00 ng
RT: 21.43 min Scan# 1656
Delta R.T. -0.03 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

**Instrument :**
BNA_E
**ClientSampleId :**
PB103539TB

Tgt Ion:228 Resp: 103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 83.7 | 40.0 | 60.0# |
| 229 | 101.2 | 40.0 | 60.0# |

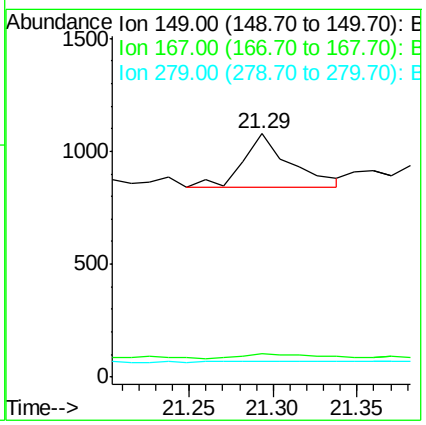


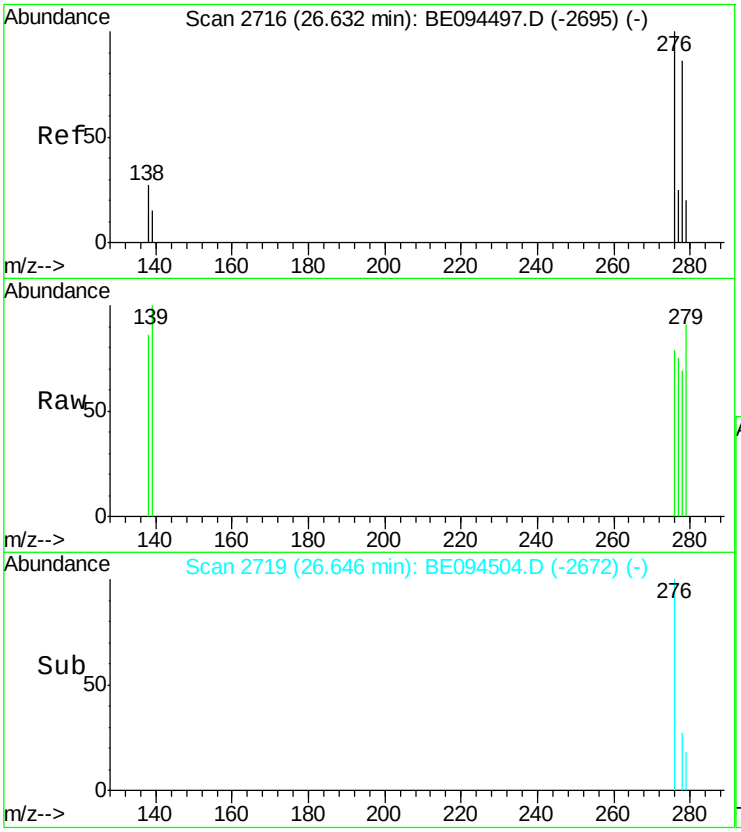




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.01 ng
RT: 21.29 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

Tgt Ion:149 Resp: 469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 11.5 | 5.4 | 8.0# |
| 279 | 3.2 | 0.7 | 1.1# |



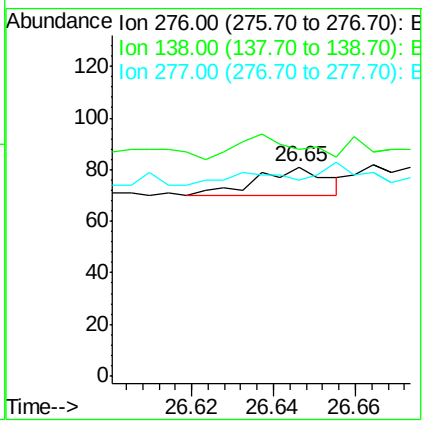


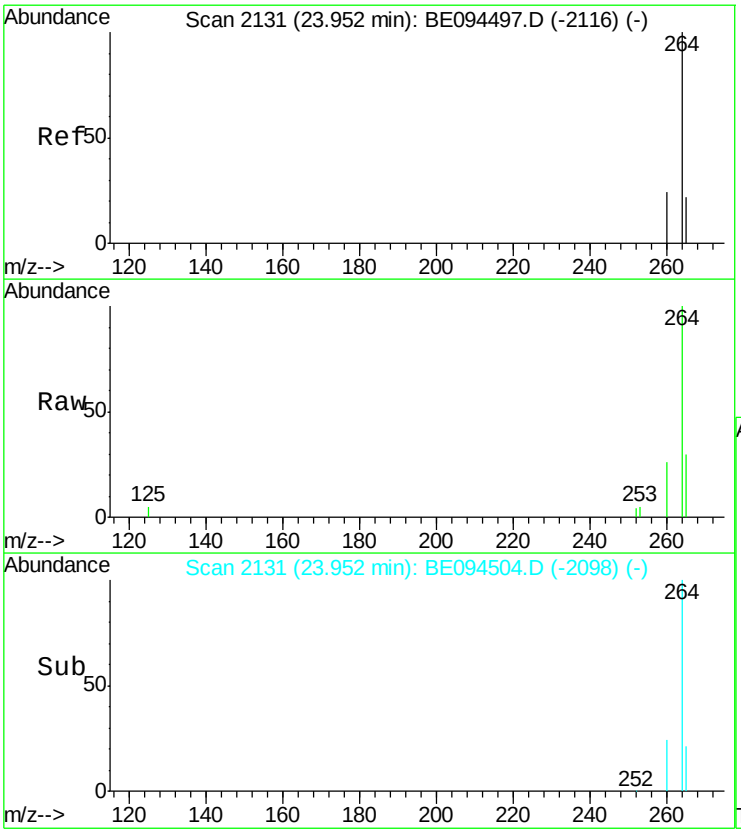

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 26.65 min Scan# 2719
Delta R.T. 0.01 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

**Instrument :**
BNA_E
**ClientSampleId :**
PB103539TB

Tgt Ion:276 Resp: 13

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 76.9 | 22.5 | 33.7# |
| 277 | 38.5 | 19.9 | 29.9# |

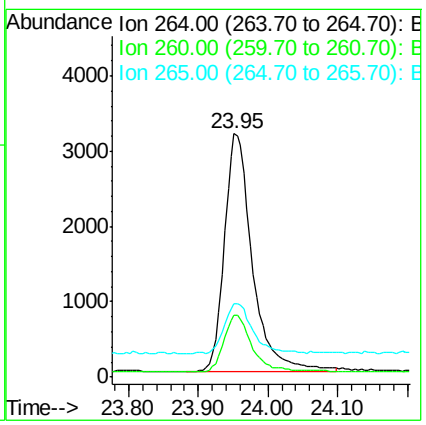


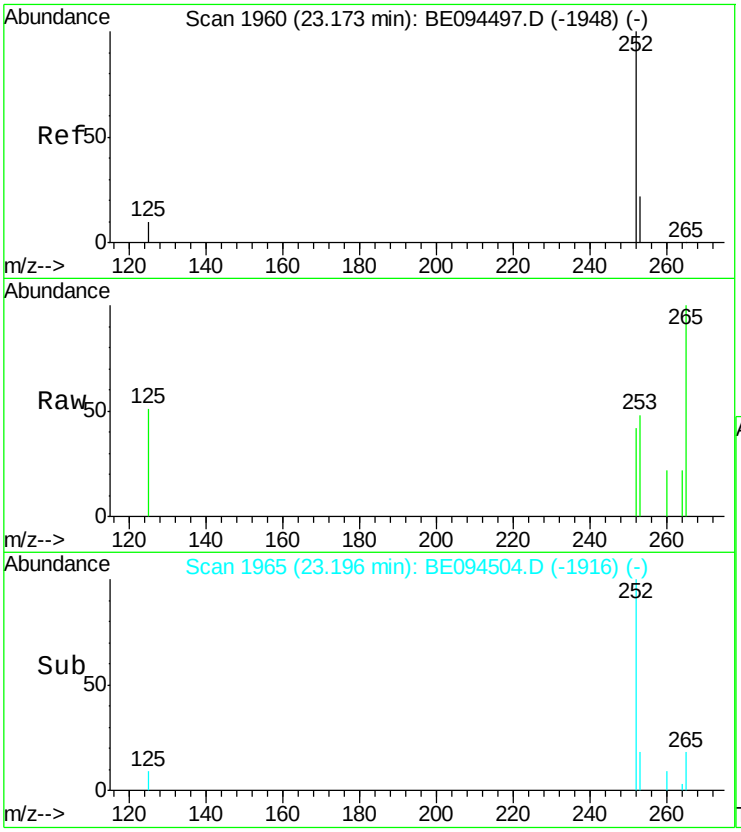




#34
Perylene-d12
Concen: 0.40 ng
RT: 23.95 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

Tgt Ion:264 Resp: 8956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.6 | 20.5 | 30.7 |
| 265 | 30.2 | 22.8 | 34.2 |



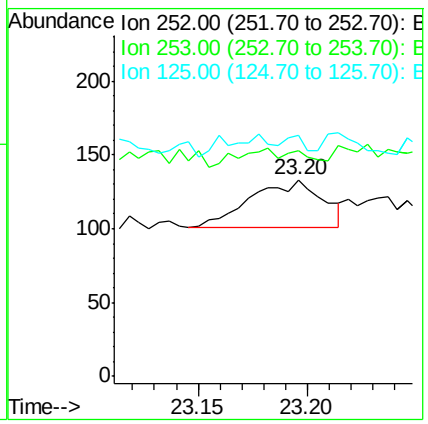


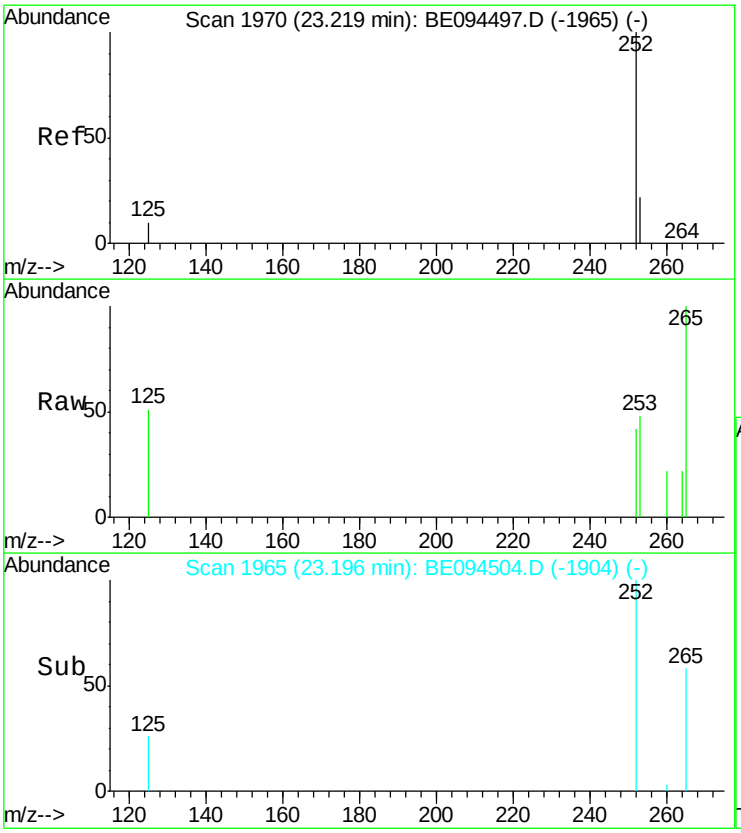

#35
Benzo(b)fluoranthene
Concen: 0.00 ng
RT: 23.20 min Scan# 1965
Delta R.T. 0.02 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

**Instrument :**
BNA_E
**ClientSampleId :**
PB103539TB

Tgt Ion:252 Resp: 73

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 115.0 | 48.0 | 72.0# |
| 125 | 122.6 | 56.0 | 84.0# |

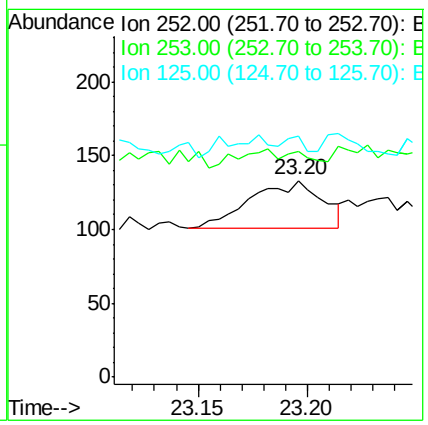


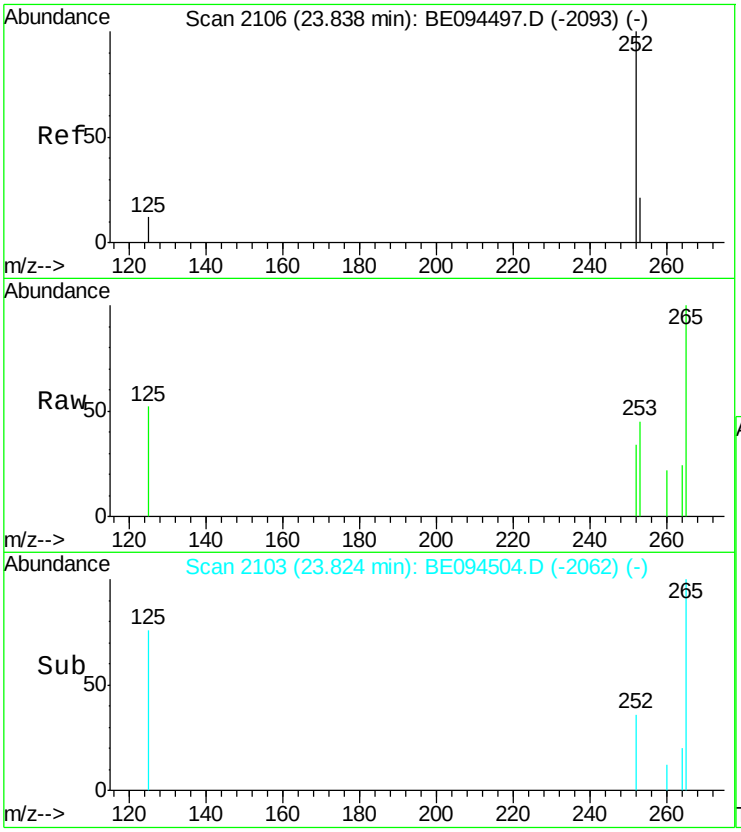




#36
Benzo(k)fluoranthene
Concen: 0.00 ng
RT: 23.20 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

Tgt Ion:252 Resp: 73

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 115.0 | 48.0 | 72.0# |
| 125 | 122.6 | 56.0 | 84.0# |



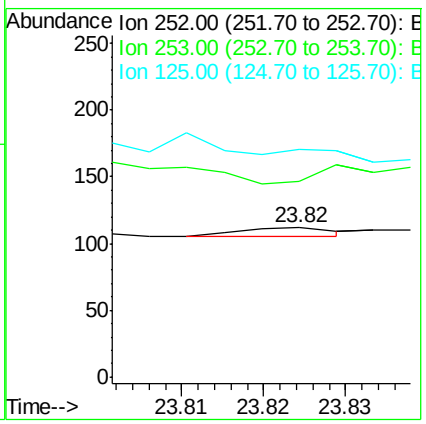


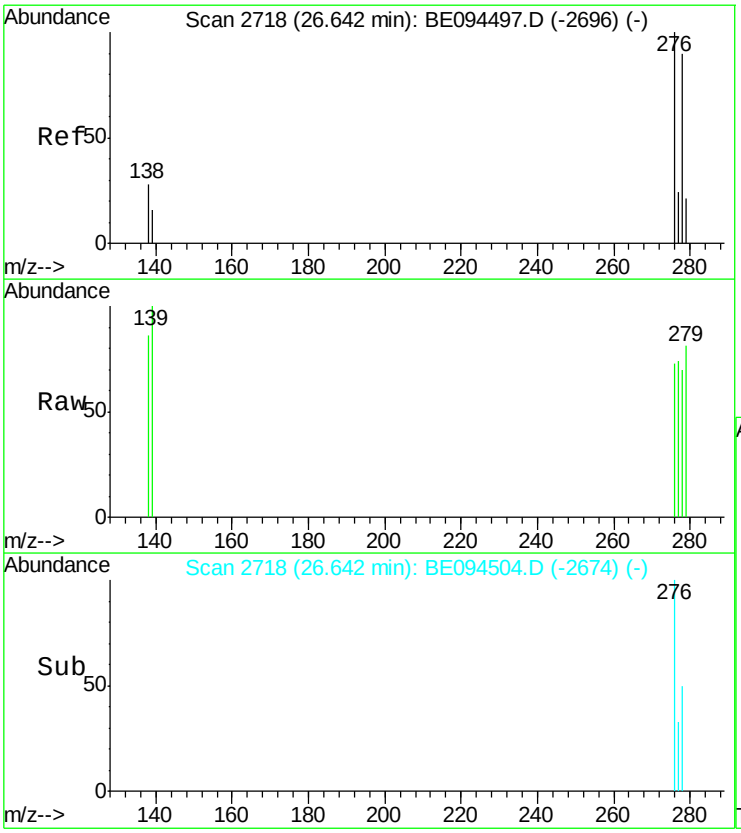

#37
Benzo(a)pyrene
Concen: 0.00 ng
RT: 23.82 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

**Instrument :**
BNA_E
**ClientSampleId :**
PB103539TB

Tgt Ion:252 Resp: 5

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 131.3 | 52.0 | 78.0# |
| 125 | 152.7 | 68.0 | 102.0# |

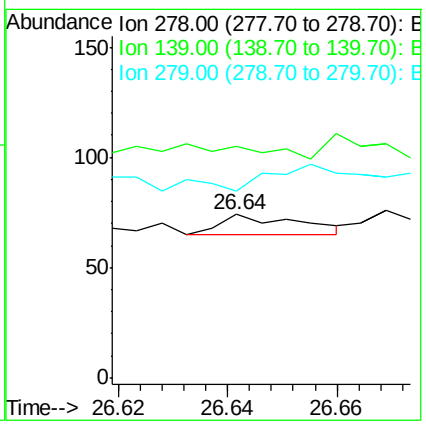


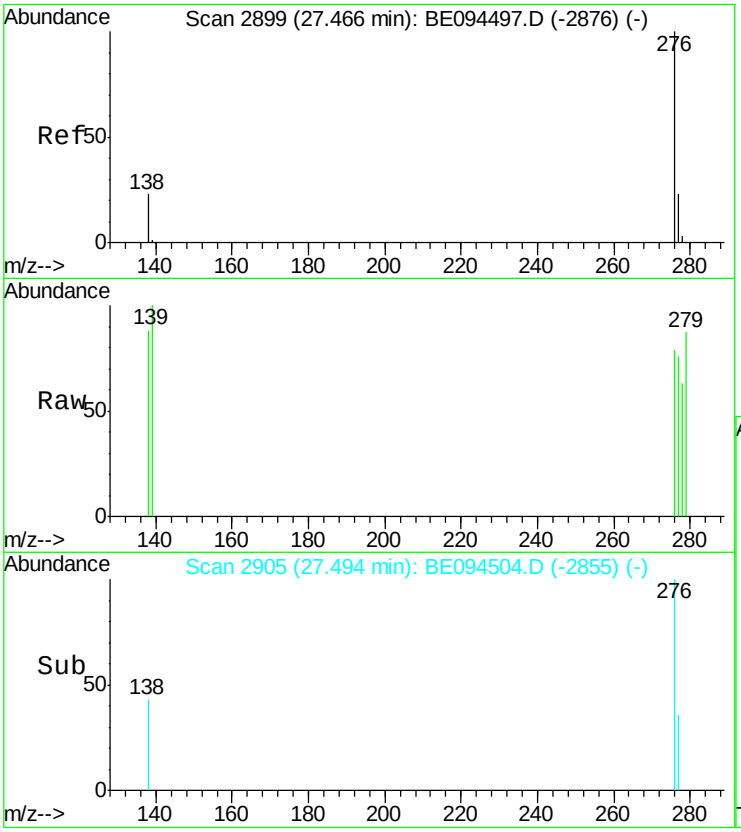




#38
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 26.64 min Scan# 2718
Delta R.T. 0.00 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

Tgt Ion:278 Resp: 9

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 141.9 | 56.0 | 84.0# |
| 279 | 114.9 | 52.0 | 78.0# |






#39
Benzo(g,h,i)perylene
Concen: 0.00 ng
RT: 27.49 min Scan# 2905
Delta R.T. 0.03 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

**Instrument :**
BNA_E
**ClientSampleId :**
PB103539TB

Tgt Ion:276 Resp: 17

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 96.3 | 52.0 | 78.0# |
| 138 | 111.0 | 44.0 | 66.0# |