Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040621\
Data File : BE101213.D
Acq On : 6 Apr 2021 13:00
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDICCC0.4

Quant Time: Apr 06 13:45:30 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE040621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 06 13:45:08 2021
Response via : Initial Calibration

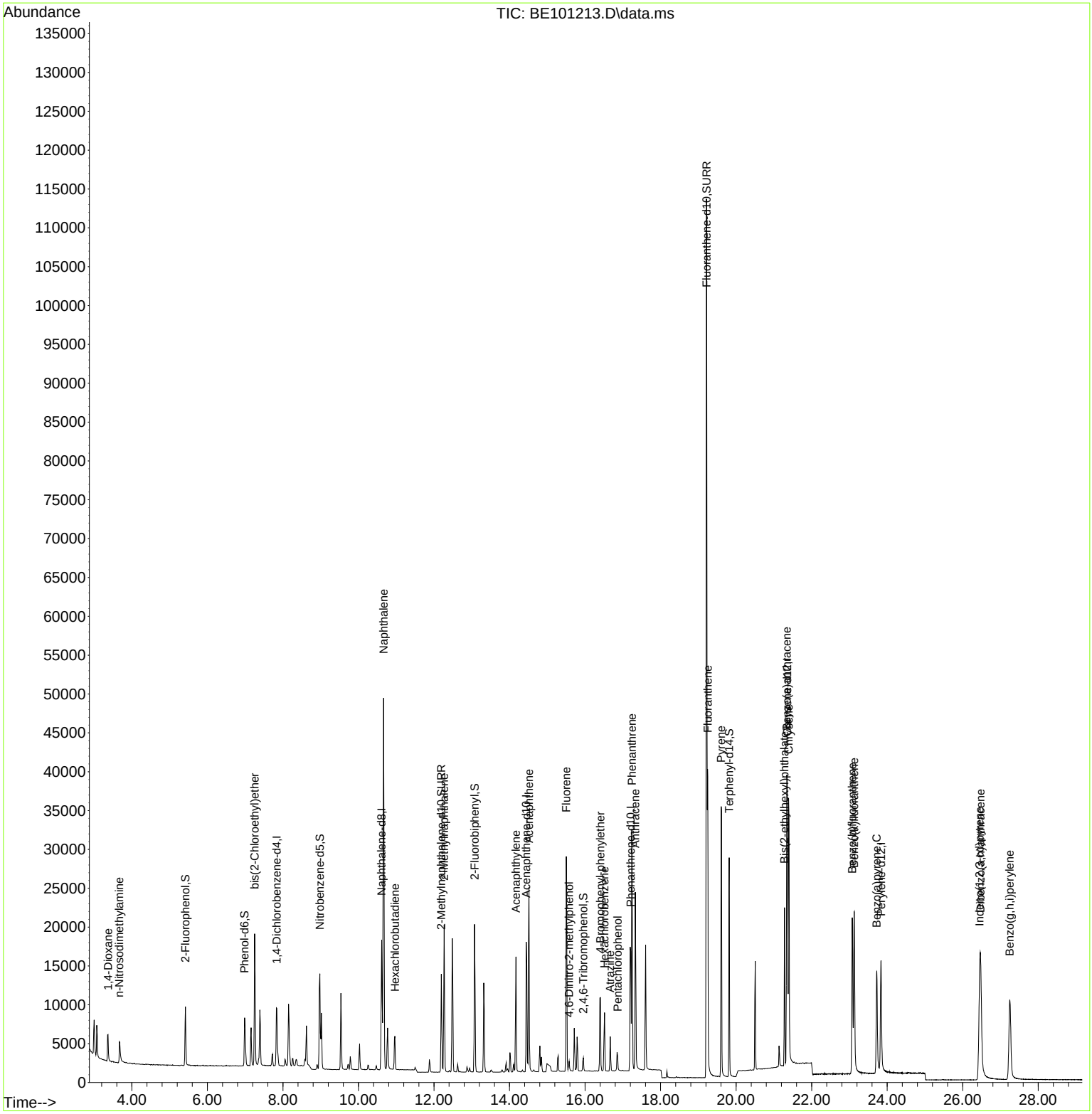
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.838 | 152 | 3939 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.615 | 136 | 17054 | 0.40 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.443 | 164 | 11193 | 0.40 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.211 | 188 | 27794 | 0.40 | ng | 0.00 |
| 29) Chrysene-d12 | 21.354 | 240 | 26065 | 0.40 | ng | 0.00 |
| 36) Perylene-d12 | 23.838 | 264 | 22638 | 0.40 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.420 | 112 | 3682 | 0.34 | ng | 0.00 |
| 5) Phenol-d6 | 6.986 | 99 | 5555 | 0.35 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.978 | 82 | 4822 | 0.36 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.196 | 152 | 15532 | 0.41 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.956 | 330 | 1087 | 0.31 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.075 | 172 | 17067 | 0.42 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.220 | 212 | 158006 | 0.33 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.818 | 244 | 24896 | 0.42 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.370 | 88 | 2501 | 0.36 | ng | 100 |
| 3) n-Nitrosodimethylamine | 3.669 | 42 | 2463 | 0.35 | ng | 98 |
| 6) bis(2-Chloroethyl)ether | 7.251 | 93 | 5408 | 0.42 | ng | 100 |
| 9) Naphthalene | 10.667 | 128 | 75339 | 0.41 | ng | 100 |
| 10) Hexachlorobutadiene | 10.965 | 225 | 3324 | 0.41 | ng | 100 |
| 12) 2-Methylnaphthalene | 12.268 | 142 | 12851 | 0.40 | ng | 100 |
| 16) Acenaphthylene | 14.170 | 152 | 16563 | 0.37 | ng | 100 |
| 17) Acenaphthene | 14.515 | 154 | 12954 | 0.40 | ng | 100 |
| 18) Fluorene | 15.502 | 166 | 16713 | 0.40 | ng | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.578 | 198 | 1011 | 0.28 | ng | 100 |
| 21) 4-Bromophenyl-phenylether | 16.409 | 248 | 5606 | 0.39 | ng | 100 |
| 22) Hexachlorobenzene | 16.515 | 284 | 5951 | 0.41 | ng | 100 |
| 23) Atrazine | 16.666 | 200 | 3409 | 0.30 | ng | 100 |
| 24) Pentachlorophenol | 16.863 | 266 | 1467 | 0.25 | ng | 100 |
| 25) Phenanthrene | 17.241 | 178 | 33199 | 0.40 | ng | 100 |
| 26) Anthracene | 17.331 | 178 | 26104 | 0.37 | ng | 100 |
| 28) Fluoranthene | 19.249 | 202 | 35153 | 0.34 | ng | 100 |
| 30) Pyrene | 19.605 | 202 | 33443 | 0.44 | ng | 100 |
| 32) Benzo(a)anthracene | 21.342 | 228 | 28035 | 0.36 | ng | 100 |
| 33) Chrysene | 21.390 | 228 | 35303 | 0.41 | ng | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.281 | 149 | 20663 | 0.21 | ng | 100 |
| 35) Indeno(1,2,3-cd)pyrene | 26.448 | 276 | 27979 | 0.37 | ng | 100 |
| 37) Benzo(b)fluoranthene | 23.075 | 252 | 28973 | 0.42 | ng | 100 |
| 38) Benzo(k)fluoranthene | 23.125 | 252 | 31553 | 0.40 | ng | 100 |
| 39) Benzo(a)pyrene | 23.724 | 252 | 23705 | 0.39 | ng | 100 |
| 40) Dibenzo(a,h)anthracene | 26.473 | 278 | 24168 | 0.40 | ng | 100 |
| 41) Benzo(g,h,i)perylene | 27.247 | 276 | 27385 | 0.42 | ng | 100 |

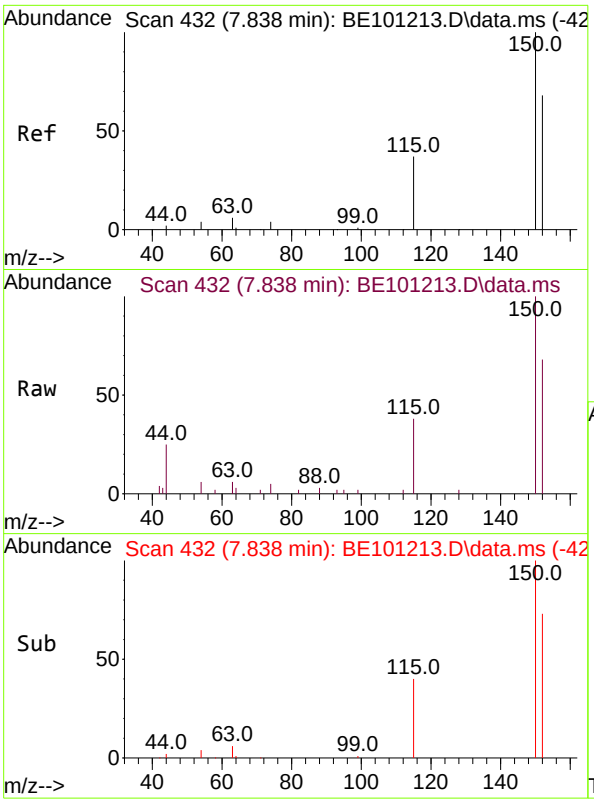
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040621\
Data File : BE101213.D
Acq On : 6 Apr 2021 13:00
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

Quant Time: Apr 06 13:45:30 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE040621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 06 13:45:08 2021
Response via : Initial Calibration

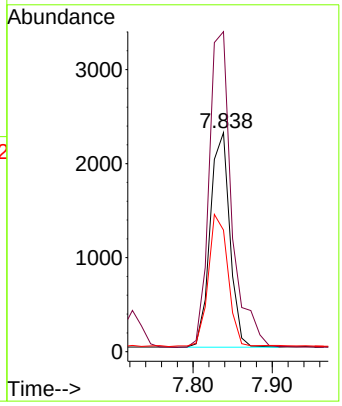




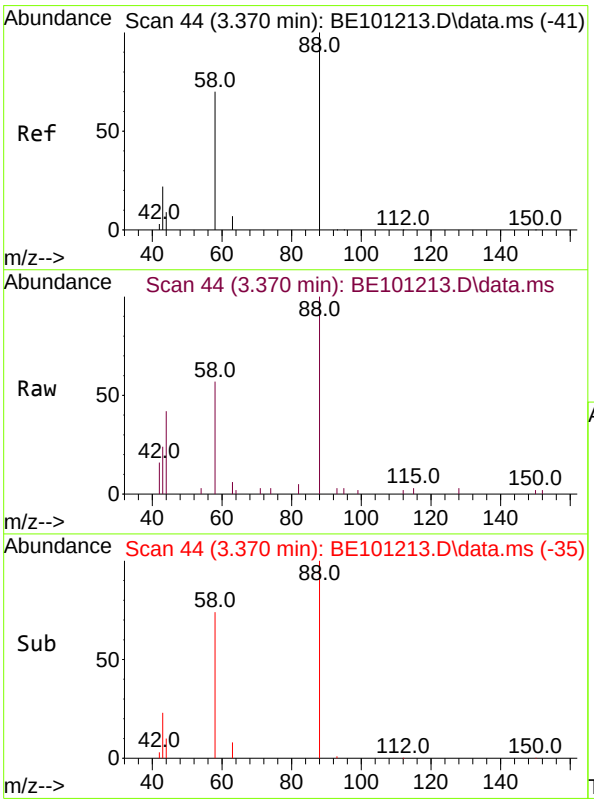

#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.838 min Scan# 432
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:152 Resp: 3939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 146.1 | 116.9 | 175.3 |
| 115 | 55.6 | 44.5 | 66.7 |



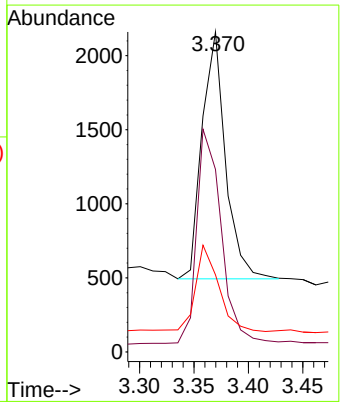

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4



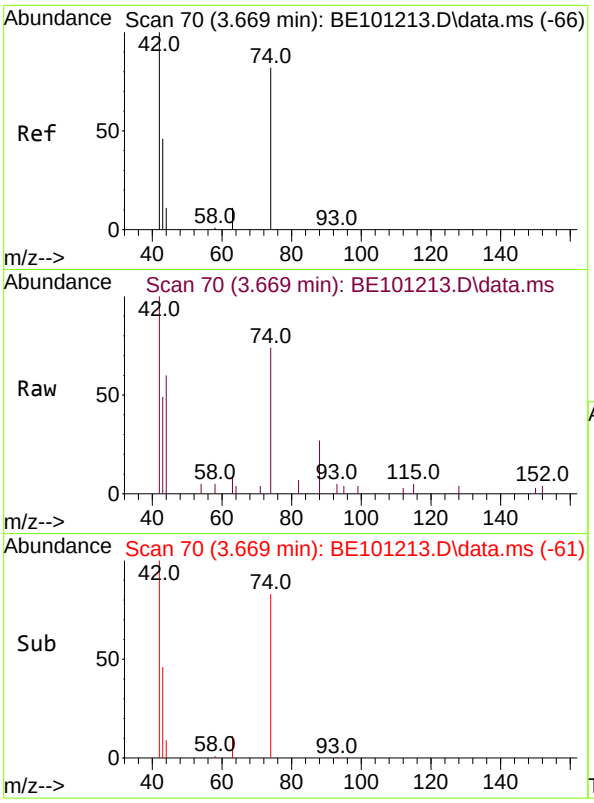

#2
1,4-Dioxane
Concen: 0.36 ng
RT: 3.370 min Scan# 44
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion: 88 Resp: 2501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 92.0 | 73.6 | 110.4 |
| 43 | 34.5 | 27.6 | 41.4 |



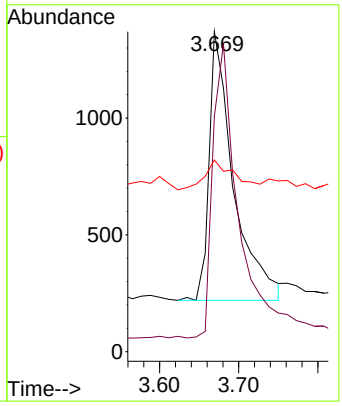
**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

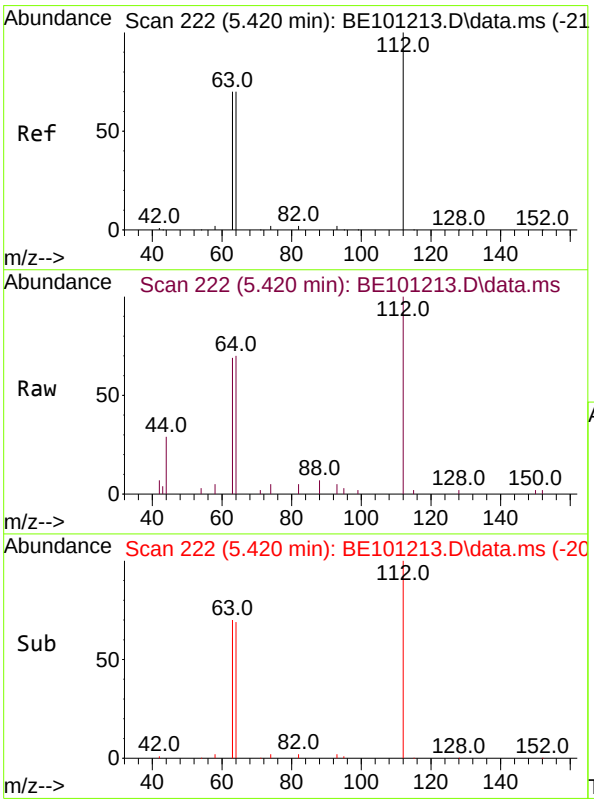



#3
n-Nitrosodimethylamine
Concen: 0.35 ng
RT: 3.669 min Scan# 70
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion: 42 Resp: 2463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 113.1 | 92.7 | 139.1 |
| 44 | 13.4 | 10.7 | 16.1 |

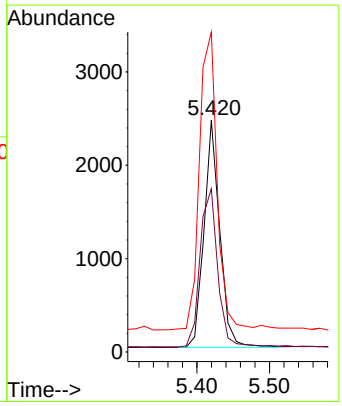


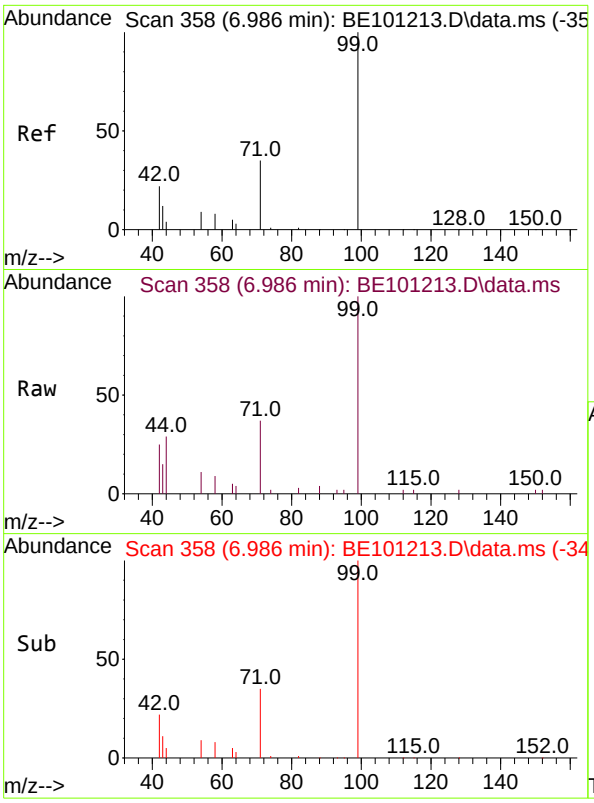

#4
2-Fluorophenol
Concen: 0.34 ng
RT: 5.420 min Scan# 222
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:112 Resp: 3682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 77.9 | 62.3 | 93.5 |
| 63 | 146.6 | 117.3 | 175.9 |



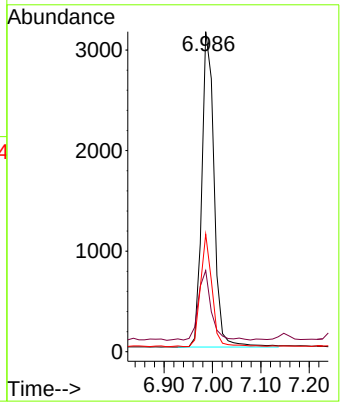
**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

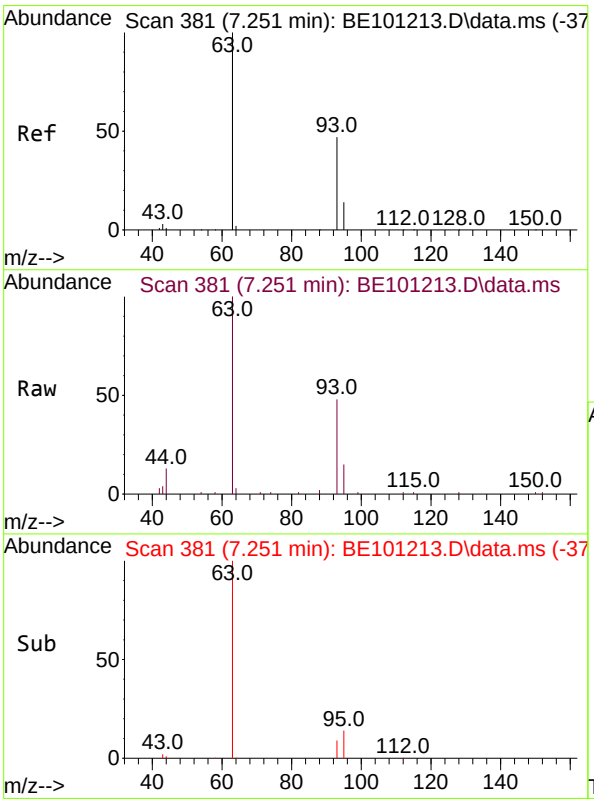



#5
Phenol-d6
Concen: 0.35 ng
RT: 6.986 min Scan# 358
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion: 99 Resp: 5555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.5 | 18.5 | 27.7 |
| 71 | 33.8 | 26.5 | 39.7 |

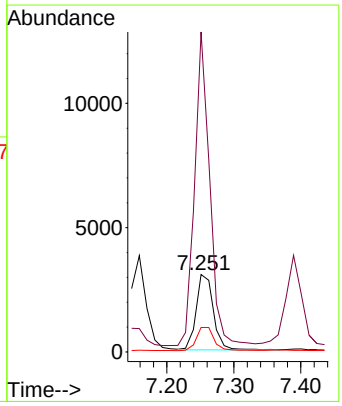


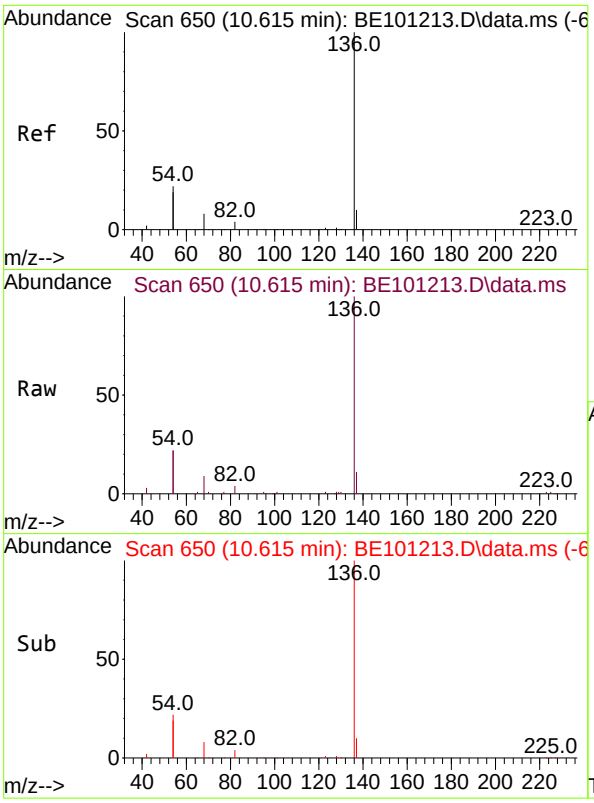

#6
bis(2-Chloroethyl)ether
Concen: 0.42 ng
RT: 7.251 min Scan# 381
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion: 93 Resp: 5408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 365.6 | 292.5 | 438.7 |
| 95 | 32.1 | 25.7 | 38.5 |



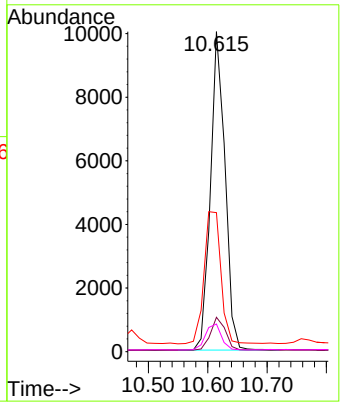
**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

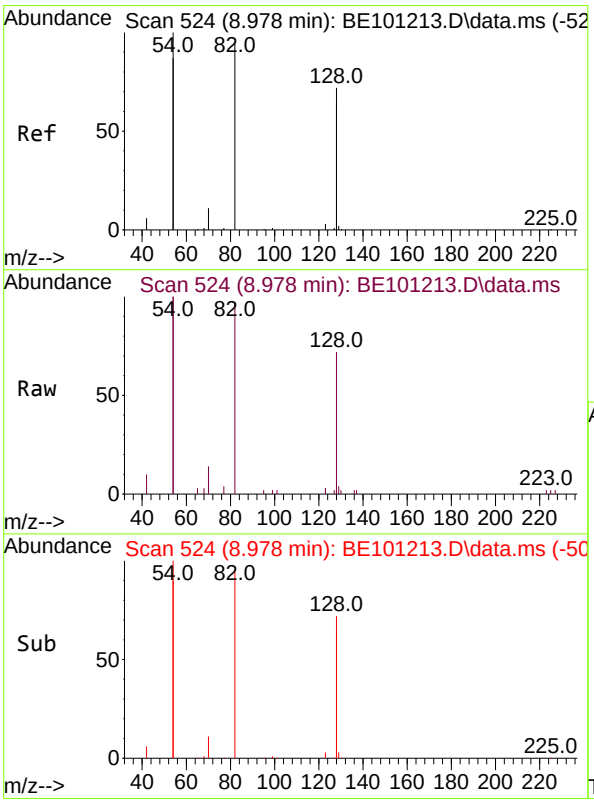



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.615 min Scan# 650
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:136 Resp: 17054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.6 | 13.0 |
| 54 | 43.4 | 34.7 | 52.1 |
| 68 | 8.7 | 7.0 | 10.4 |

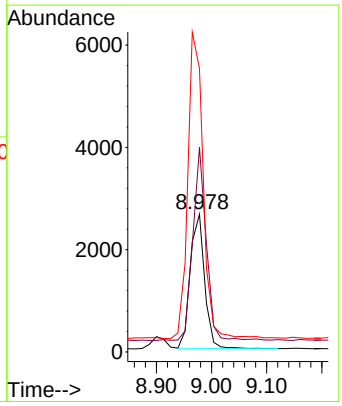


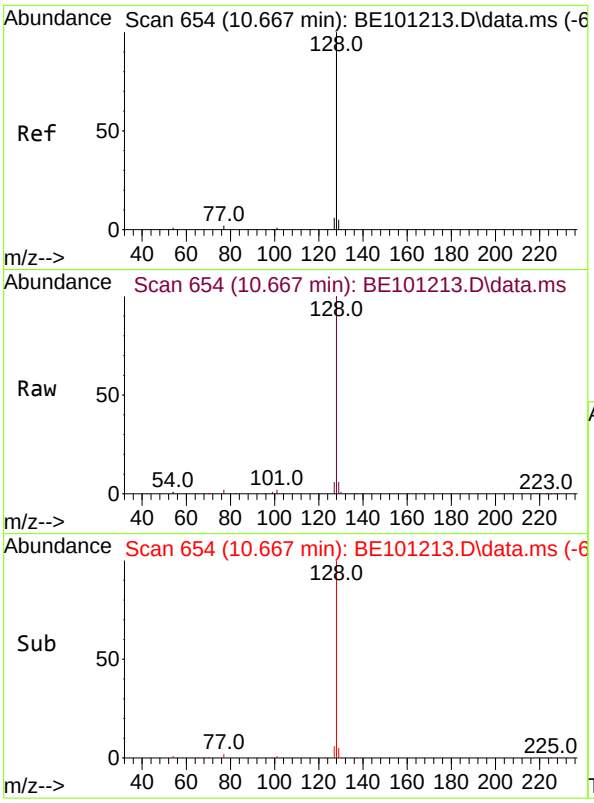




#8
Nitrobenzene-d5
Concen: 0.36 ng
RT: 8.978 min Scan# 524
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion: 82 Resp: 4822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 148.4 | 118.7 | 178.1 |
| 54 | 205.5 | 164.4 | 246.6 |

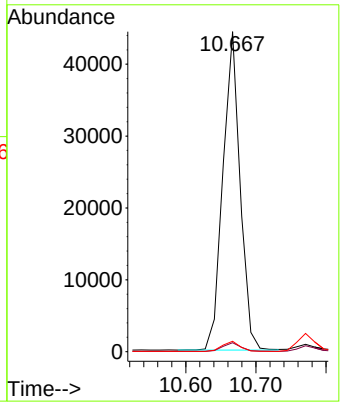




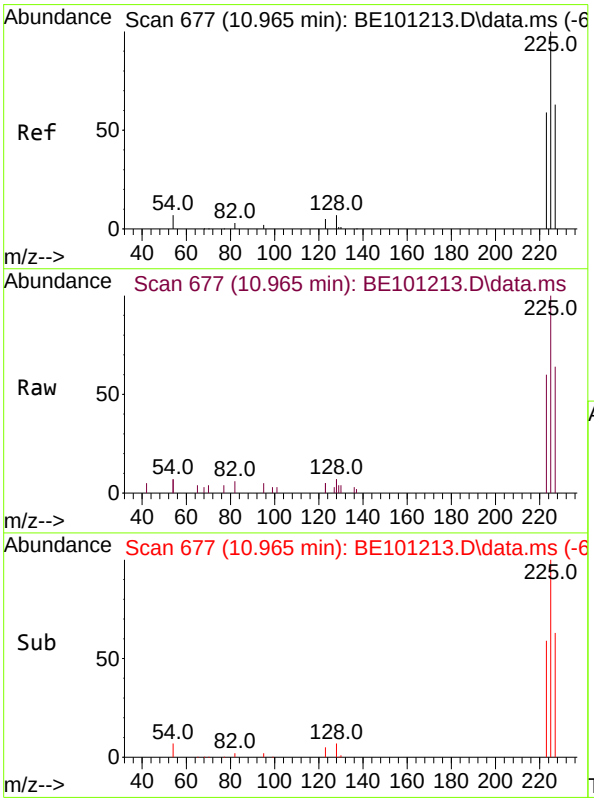

#9
Naphthalene
Concen: 0.41 ng
RT: 10.667 min Scan# 654
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:128 Resp: 75339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 2.8 | 2.2 | 3.4 |
| 127 | 3.2 | 2.6 | 3.8 |



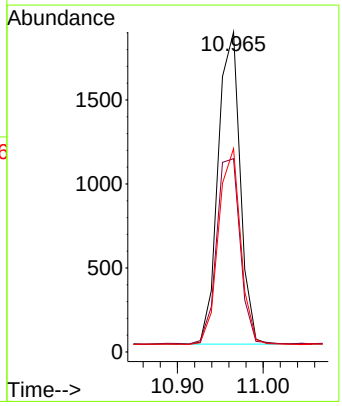

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4



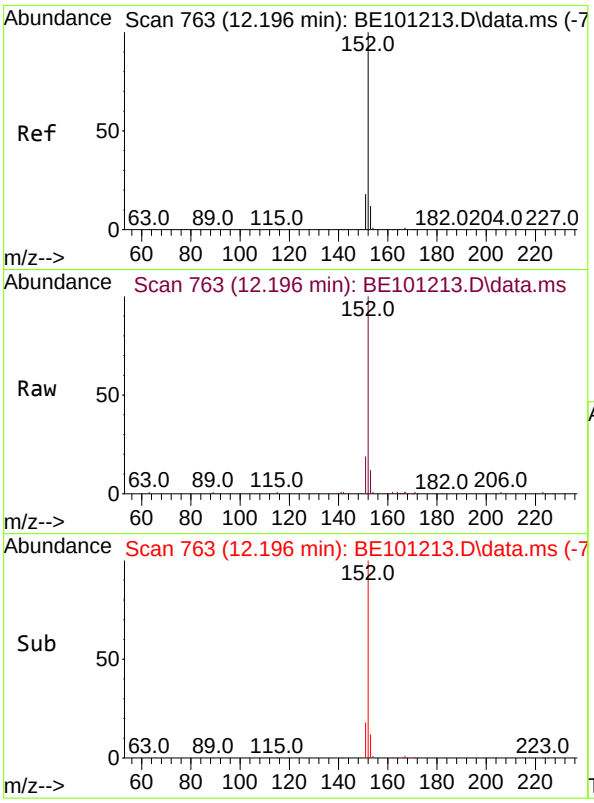

#10
Hexachlorobutadiene
Concen: 0.41 ng
RT: 10.965 min Scan# 677
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:225 Resp: 3324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.0 | 50.4 | 75.6 |
| 227 | 62.6 | 50.1 | 75.1 |



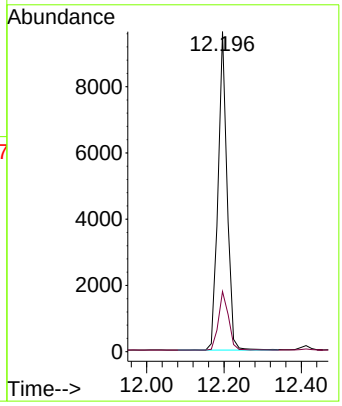
**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

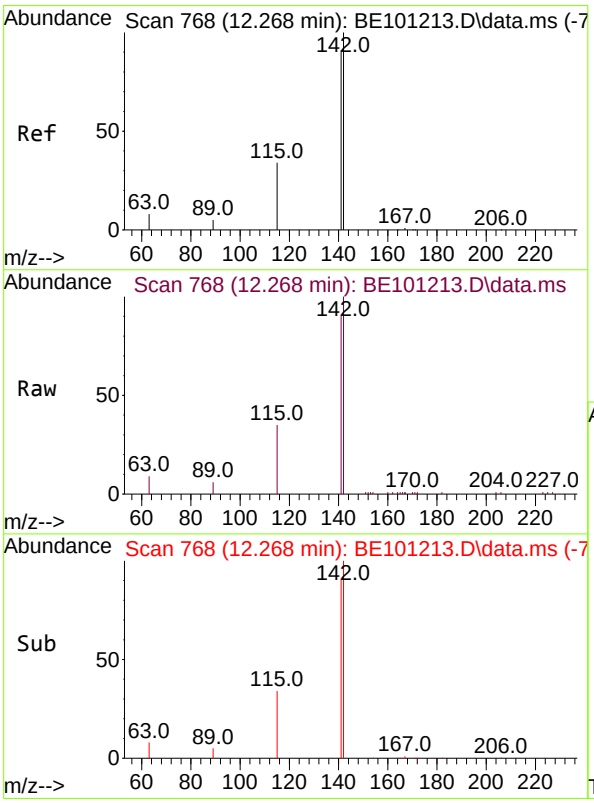



#11
2-Methylnaphthalene-d10
Concen: 0.41 ng
RT: 12.196 min Scan# 763
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:152 Resp: 15532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.6 | 16.5 | 24.7 |

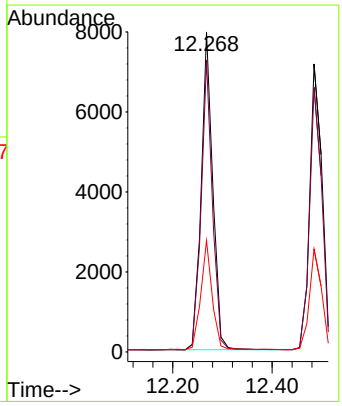


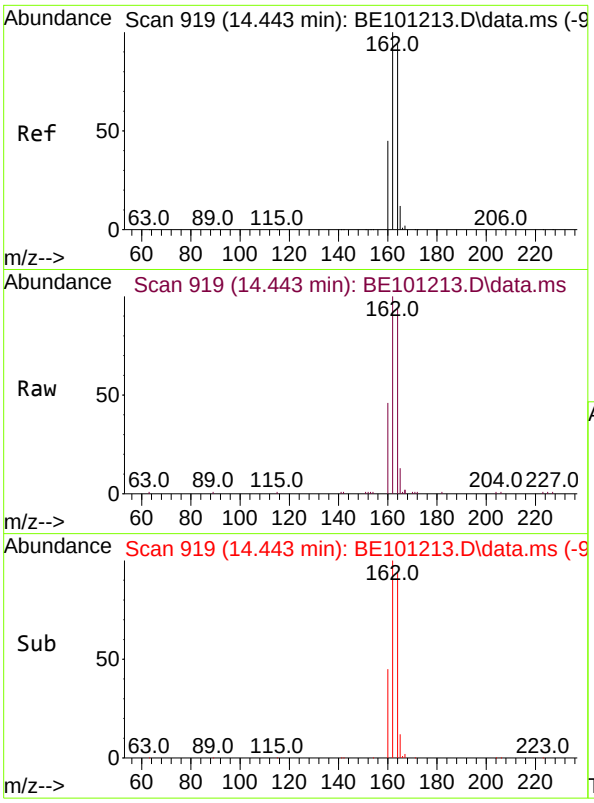

#12
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.268 min Scan# 768
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:142 Resp: 12851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.3 | 73.0 | 109.6 |
| 115 | 34.8 | 27.8 | 41.8 |



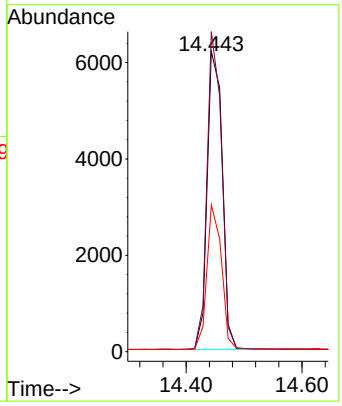
**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

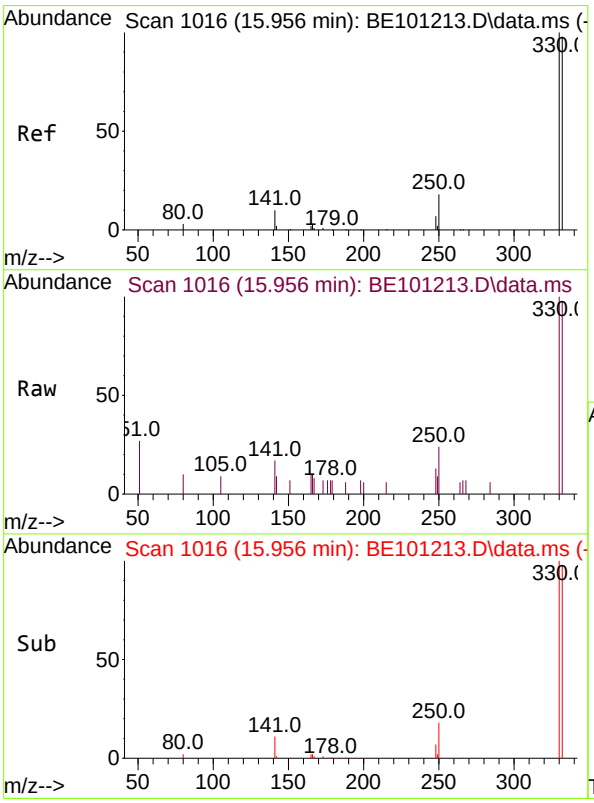



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.443 min Scan# 919
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:164 Resp: 11193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 106.6 | 85.3 | 127.9 |
| 160 | 48.9 | 39.1 | 58.7 |

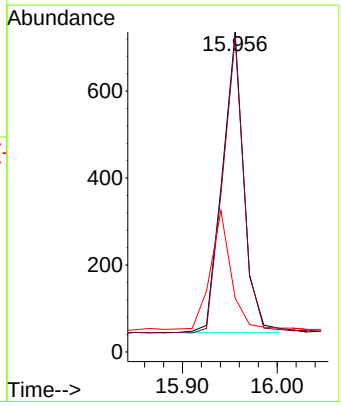


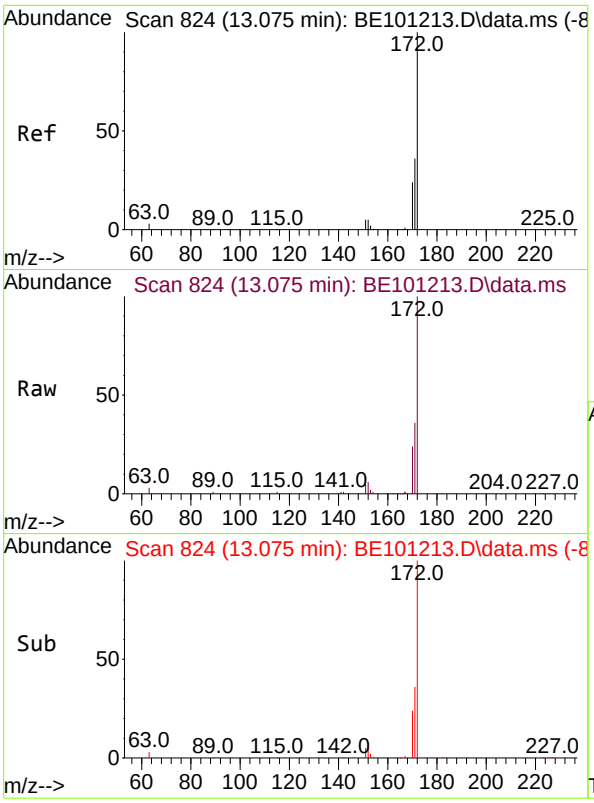




#14
2,4,6-Tribromophenol
Concen: 0.31 ng
RT: 15.956 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:330 Resp: 1087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.1 | 77.8 | 116.6 |
| 141 | 38.0 | 30.4 | 45.6 |

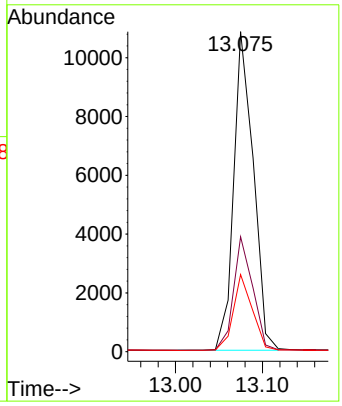




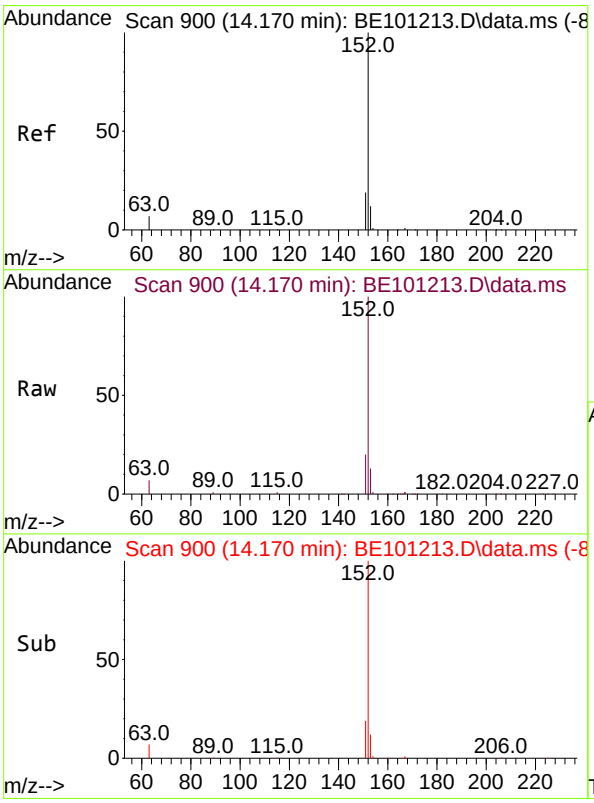

#15
2-Fluorobiphenyl
Concen: 0.42 ng
RT: 13.075 min Scan# 824
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:172 Resp: 17067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.9 | 28.7 | 43.1 |
| 170 | 24.1 | 19.3 | 28.9 |



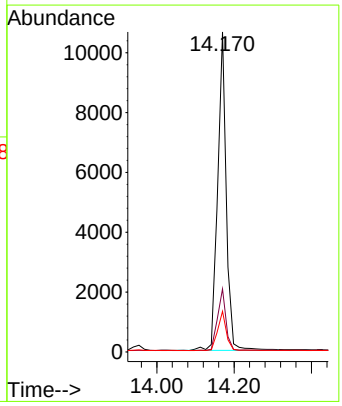

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4



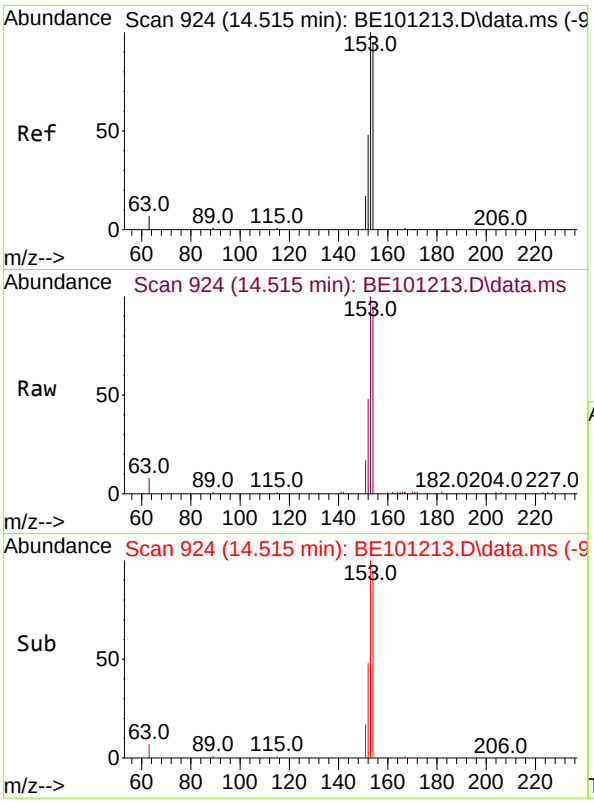

#16
Acenaphthylene
Concen: 0.37 ng
RT: 14.170 min Scan# 900
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:152 Resp: 16563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.2 | 15.4 | 23.2 |
| 153 | 12.5 | 10.0 | 15.0 |



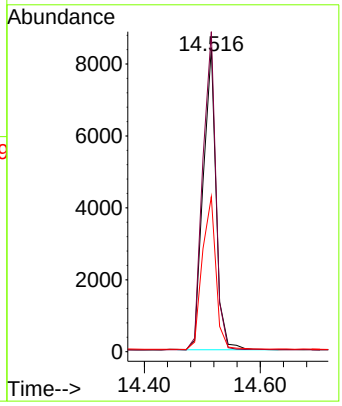
**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

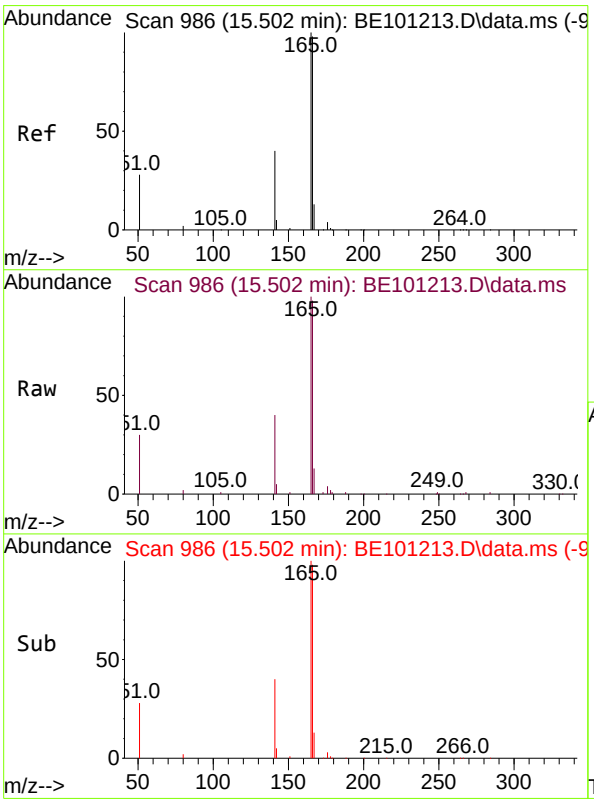



#17
Acenaphthene
Concen: 0.40 ng
RT: 14.515 min Scan# 924
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:154 Resp: 12954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 106.3 | 84.9 | 127.3 |
| 152 | 53.6 | 42.7 | 64.1 |

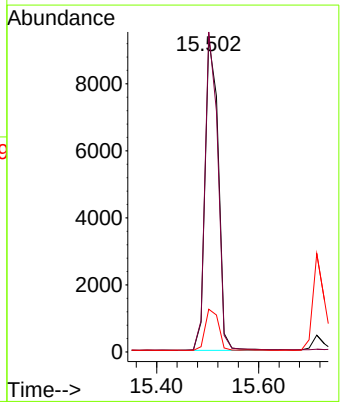


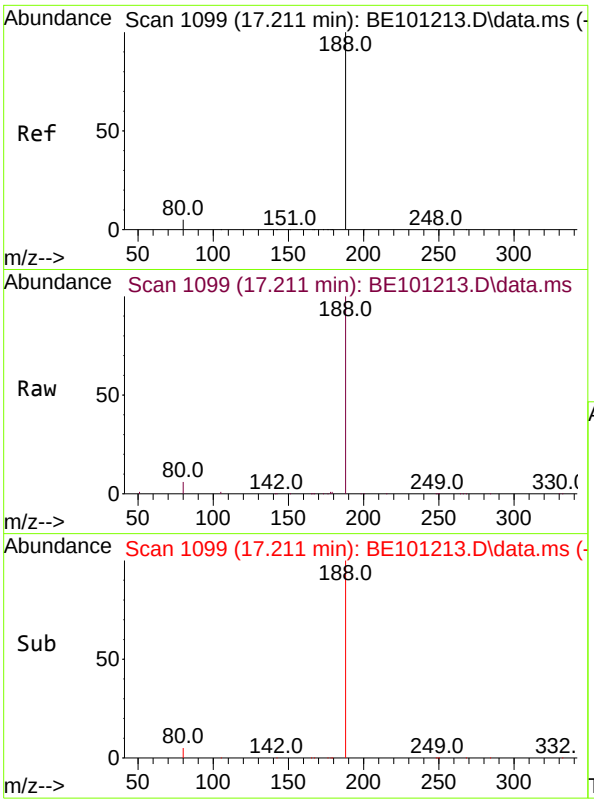




#18
Fluorene
Concen: 0.40 ng
RT: 15.502 min Scan# 986
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:166 Resp: 16713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.7 | 79.0 | 118.4 |
| 167 | 13.6 | 11.0 | 16.4 |

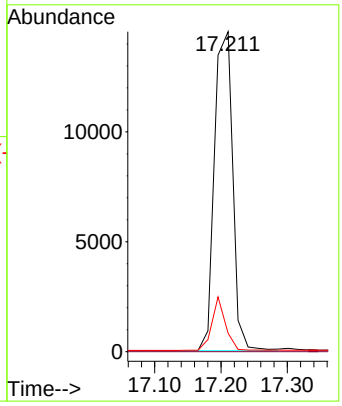




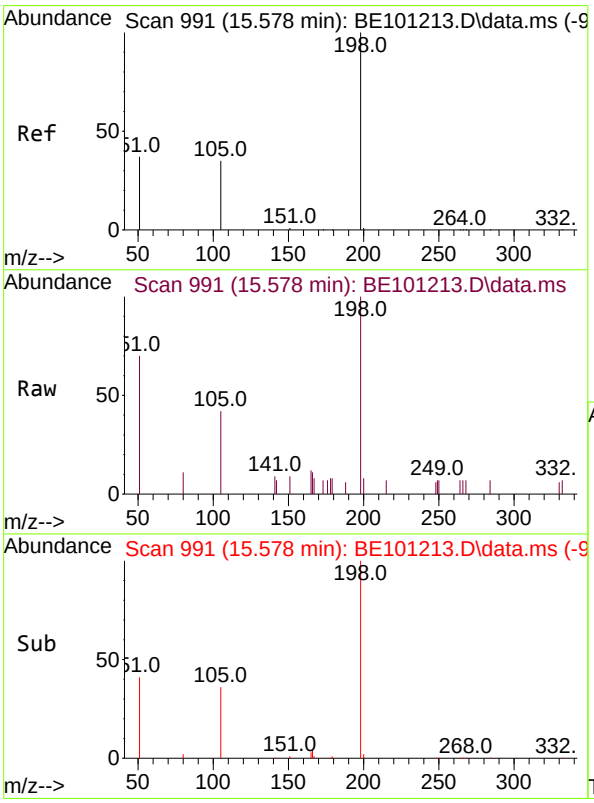

#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.211 min Scan# 1099
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:188 Resp: 27794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 5.7 | 4.6 | 6.8 |



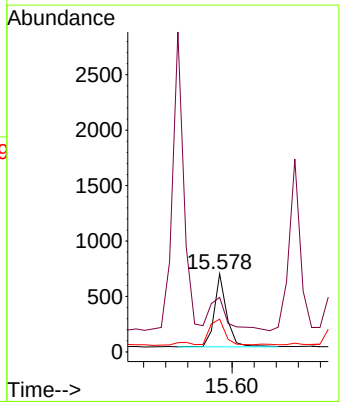

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

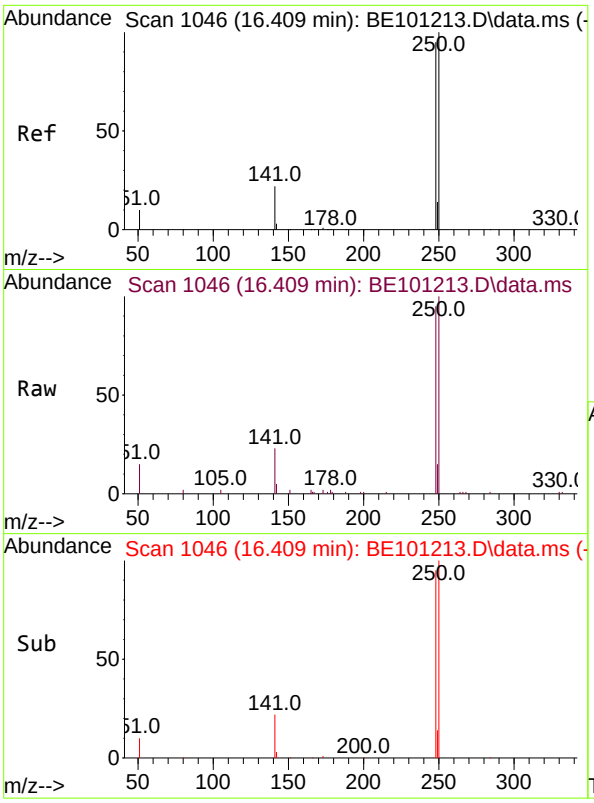



#20
4,6-Dinitro-2-methylphenol
Concen: 0.28 ng
RT: 15.578 min Scan# 991
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:198 Resp: 1011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 69.9 | 55.9 | 83.9 |
| 105 | 42.0 | 33.6 | 50.4 |

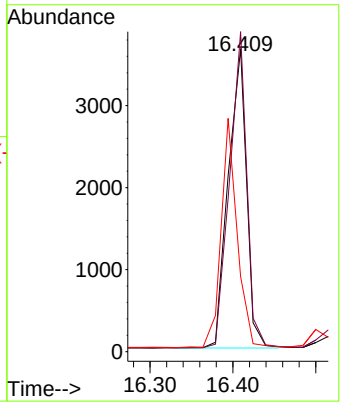


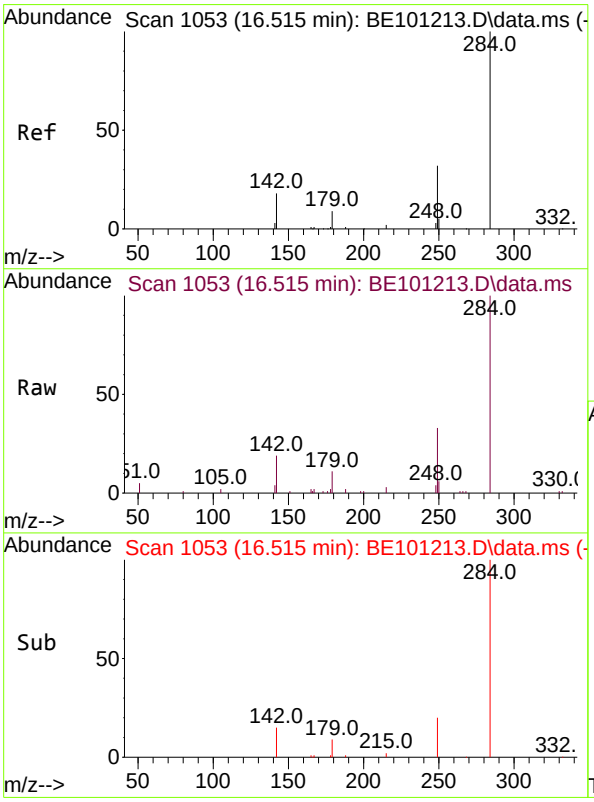



#21
4-Bromophenyl-phenylether
Concen: 0.39 ng
RT: 16.409 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:248 Resp: 5606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 105.6 | 84.5 | 126.7 |
| 141 | 24.8 | 19.8 | 29.8 |

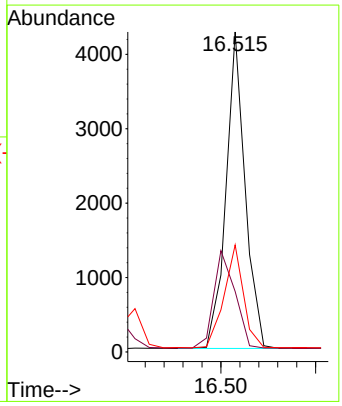



#22
Hexachlorobenzene
Concen: 0.41 ng
RT: 16.515 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

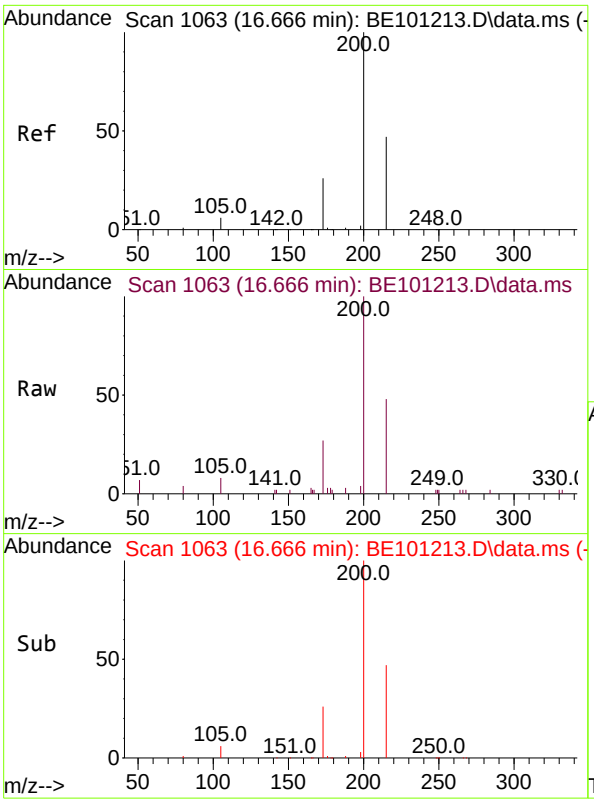
Tgt Ion:284 Resp: 5951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 34.1 | 27.4 | 41.0 |
| 249 | 33.1 | 26.5 | 39.7 |




**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

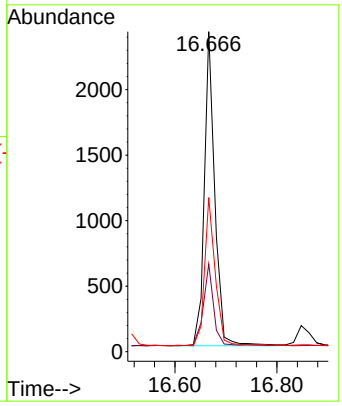
**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

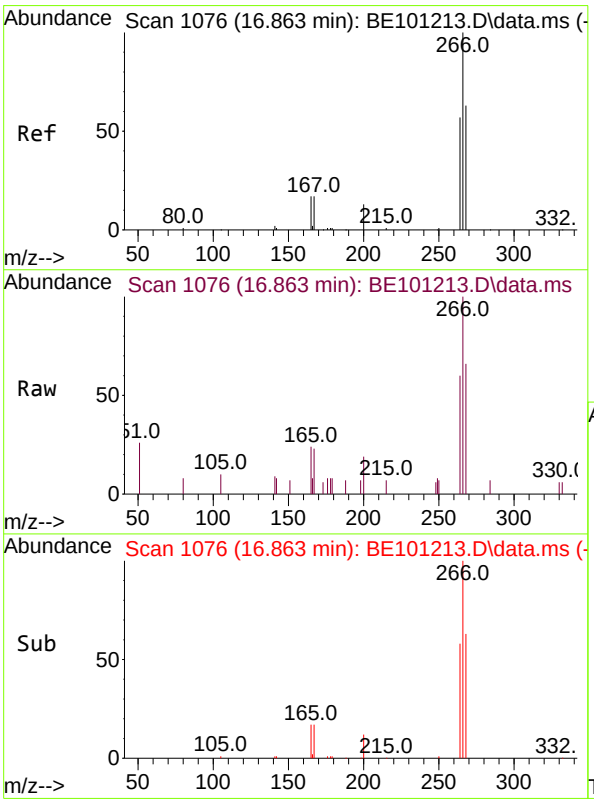



#23
Atrazine
Concen: 0.30 ng
RT: 16.666 min Scan# 1063
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:200 Resp: 3409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.4 | 21.9 | 32.9 |
| 215 | 48.2 | 38.6 | 57.8 |

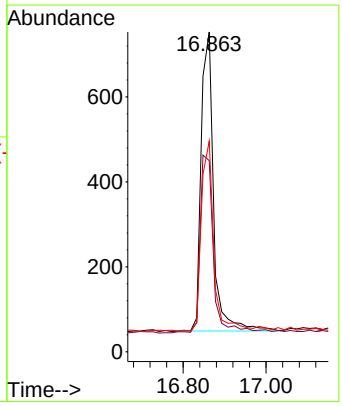


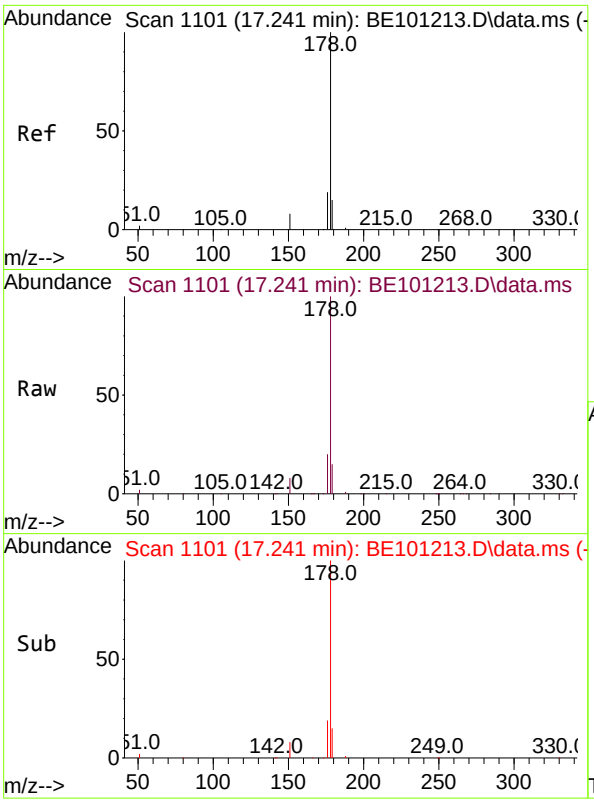




#24
Pentachlorophenol
Concen: 0.25 ng
RT: 16.863 min Scan# 1076
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:266 Resp: 1467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 61.4 | 49.1 | 73.7 |
| 268 | 63.3 | 50.6 | 76.0 |

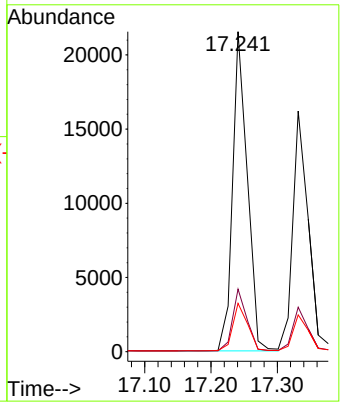




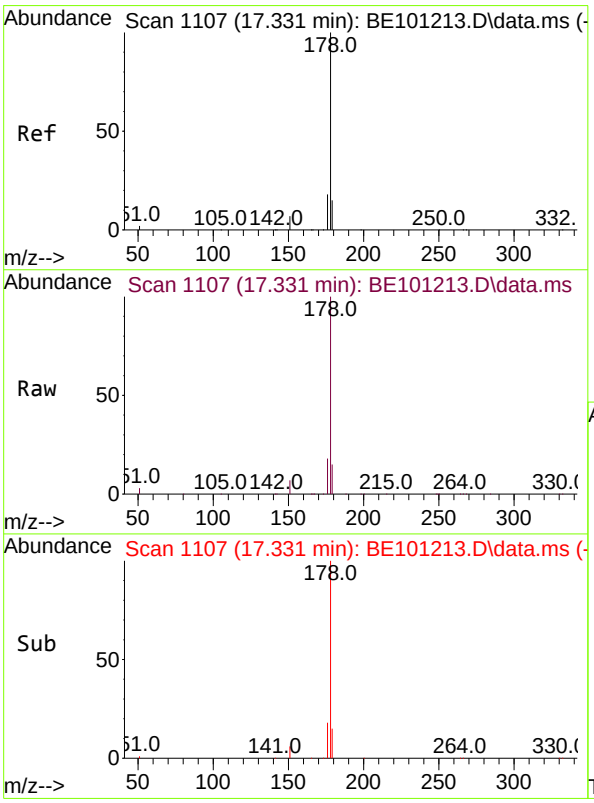

#25
Phenanthrene
Concen: 0.40 ng
RT: 17.241 min Scan# 1101
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:178 Resp: 33199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 15.0 | 22.6 |
| 179 | 15.3 | 12.2 | 18.4 |



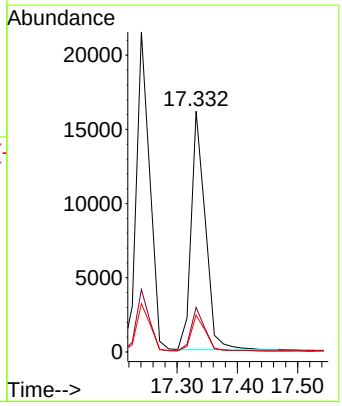

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

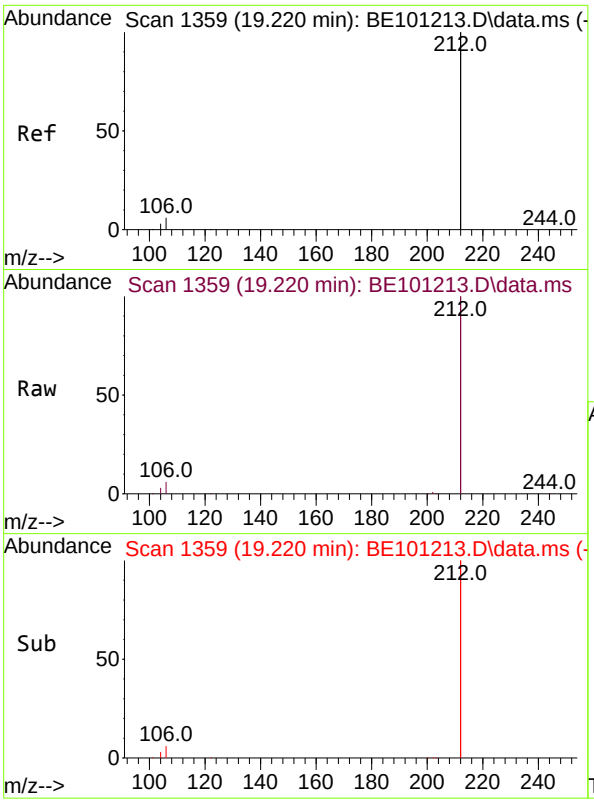



#26
Anthracene
Concen: 0.37 ng
RT: 17.331 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:178 Resp: 26104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.0 | 14.4 | 21.6 |
| 179 | 14.9 | 11.8 | 17.8 |

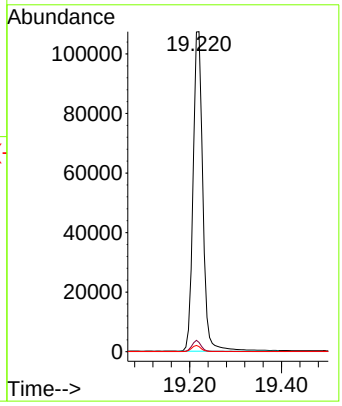




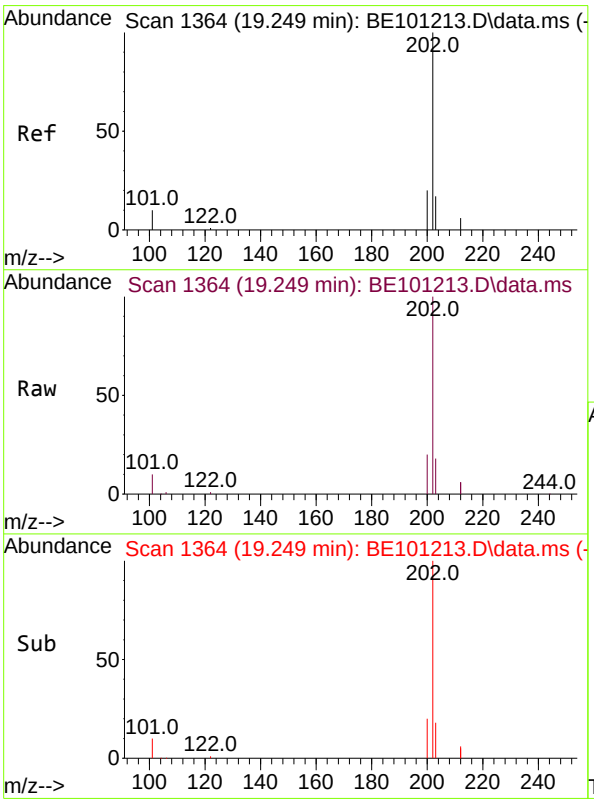

#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 19.220 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:212 Resp: 158006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 3.3 | 2.6 | 4.0 |
| 104 | 1.8 | 1.4 | 2.2 |



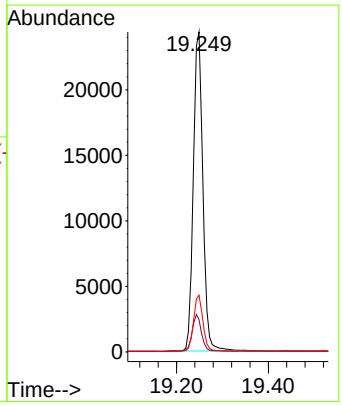

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4



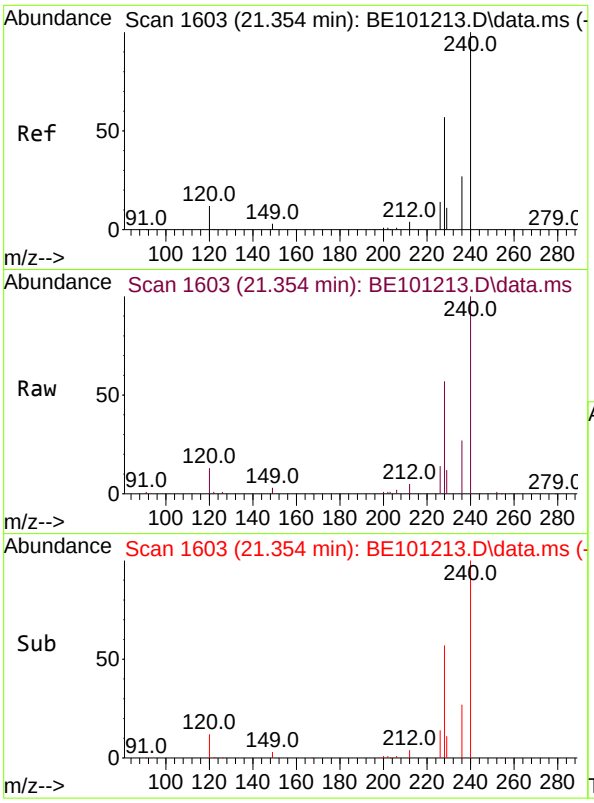

#28
Fluoranthene
Concen: 0.34 ng
RT: 19.249 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:202 Resp: 35153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.4 | 9.1 | 13.7 |
| 203 | 17.0 | 13.6 | 20.4 |



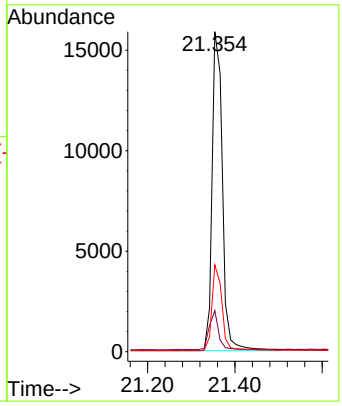
**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

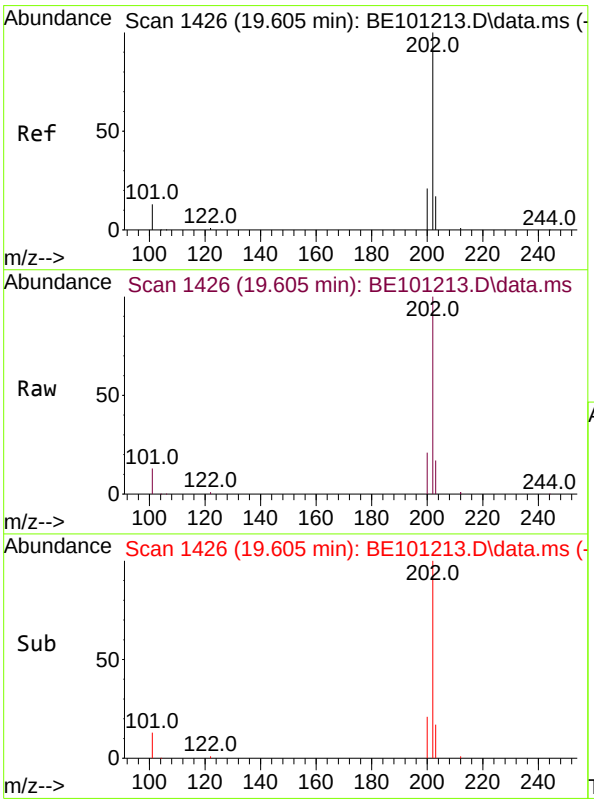



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.354 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:240 Resp: 26065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.8 | 10.2 | 15.4 |
| 236 | 27.1 | 21.7 | 32.5 |

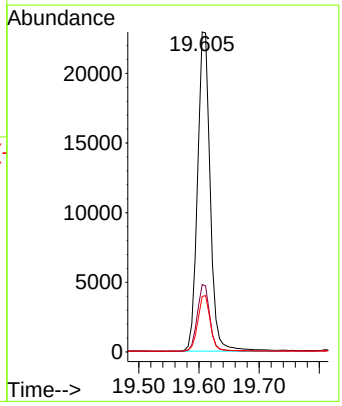


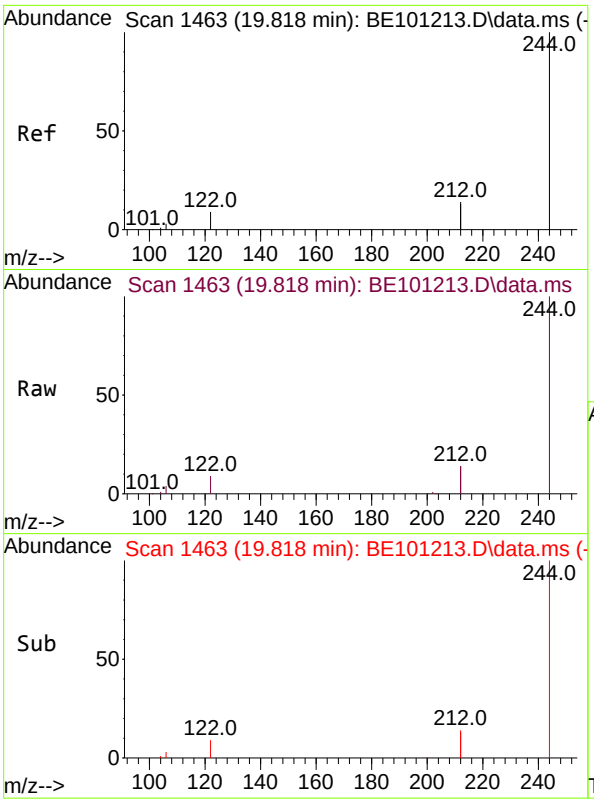




#30
Pyrene
Concen: 0.44 ng
RT: 19.605 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:202 Resp: 33443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.7 | 16.6 | 24.8 |
| 203 | 17.3 | 13.8 | 20.8 |

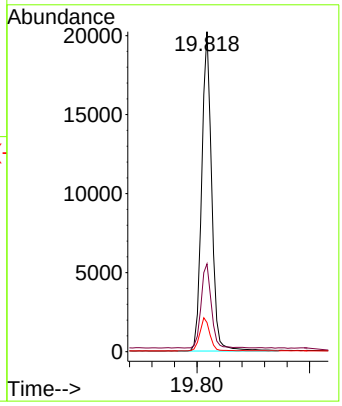




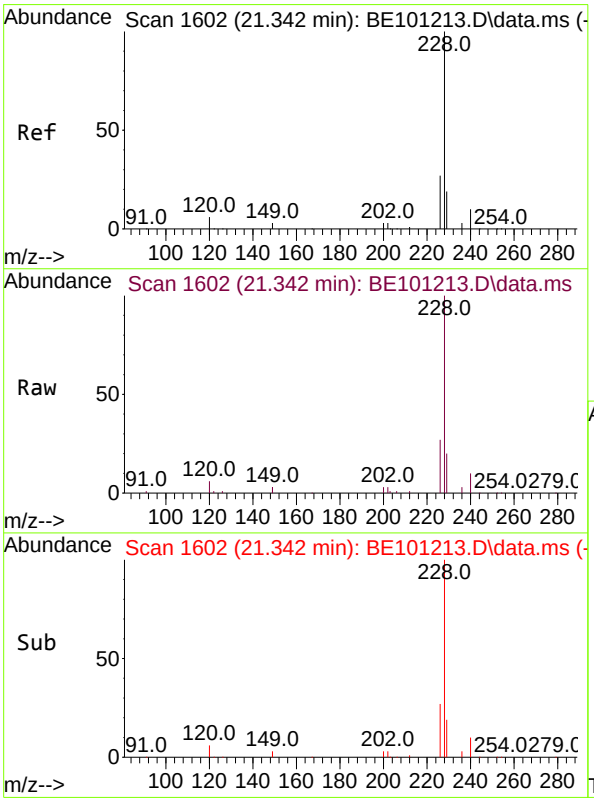

#31
Terphenyl-d14
Concen: 0.42 ng
RT: 19.818 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:244 Resp: 24896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 27.4 | 21.9 | 32.9 |
| 122 | 9.1 | 7.3 | 10.9 |



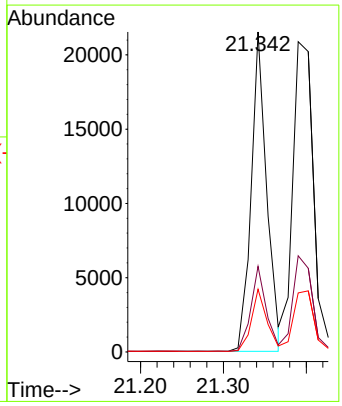

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4



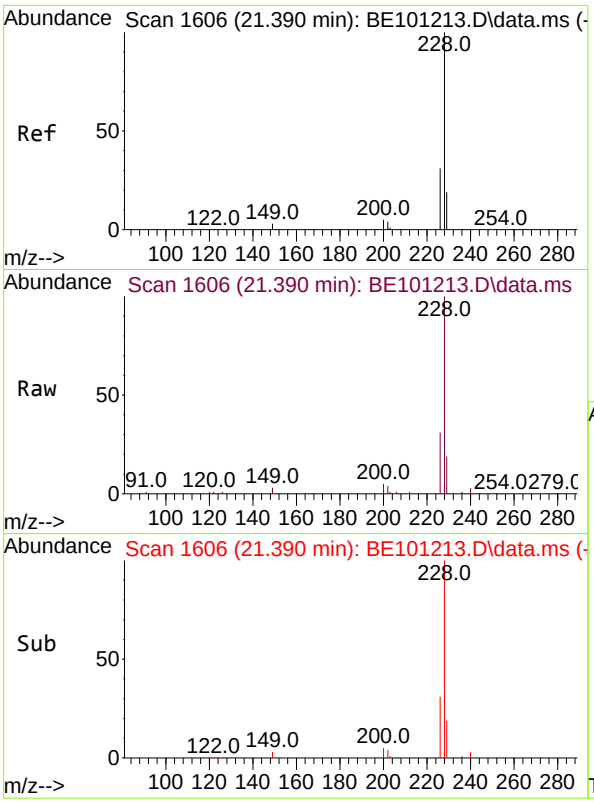

#32
Benzo(a)anthracene
Concen: 0.36 ng
RT: 21.342 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:228 Resp: 28035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.8 | 21.4 | 32.2 |
| 229 | 19.6 | 15.7 | 23.5 |



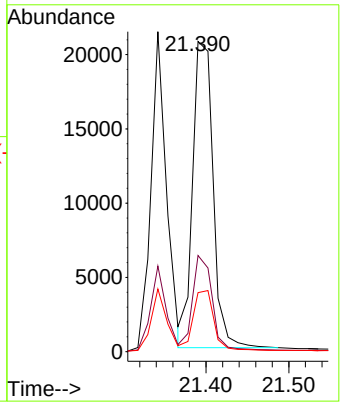
**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

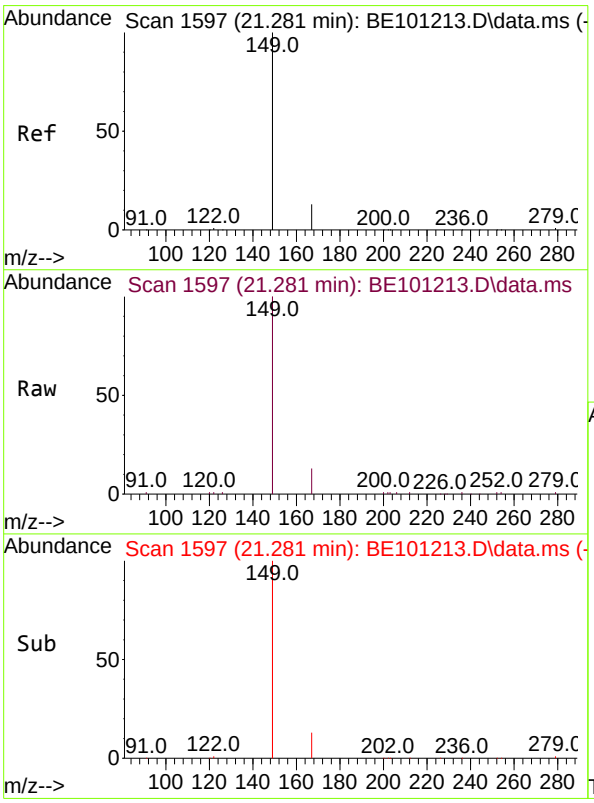



#33
Chrysene
Concen: 0.41 ng
RT: 21.390 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:228 Resp: 35303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.0 | 24.8 | 37.2 |
| 229 | 19.0 | 15.2 | 22.8 |

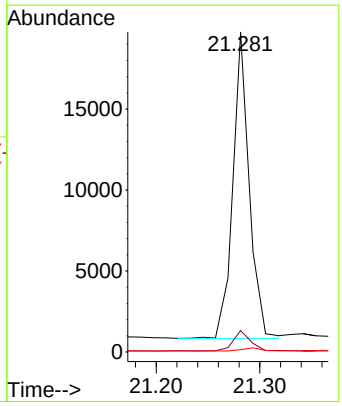


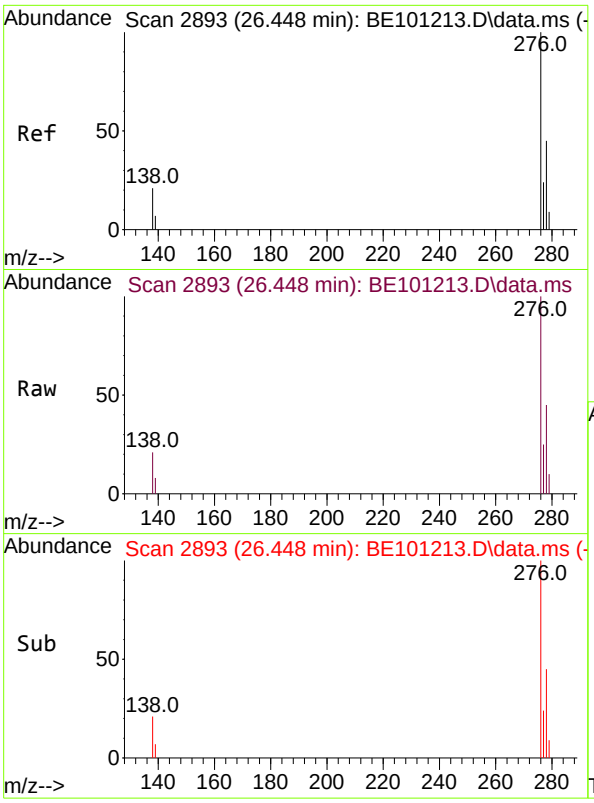

#34
Bis(2-ethylhexyl)phthalate
Concen: 0.21 ng
RT: 21.281 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:149 Resp: 20663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 6.9 | 5.5 | 8.3 |
| 279 | 1.2 | 1.0 | 1.4 |



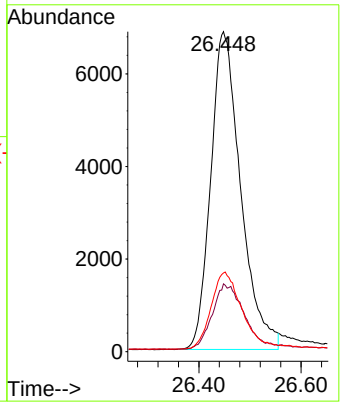
**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

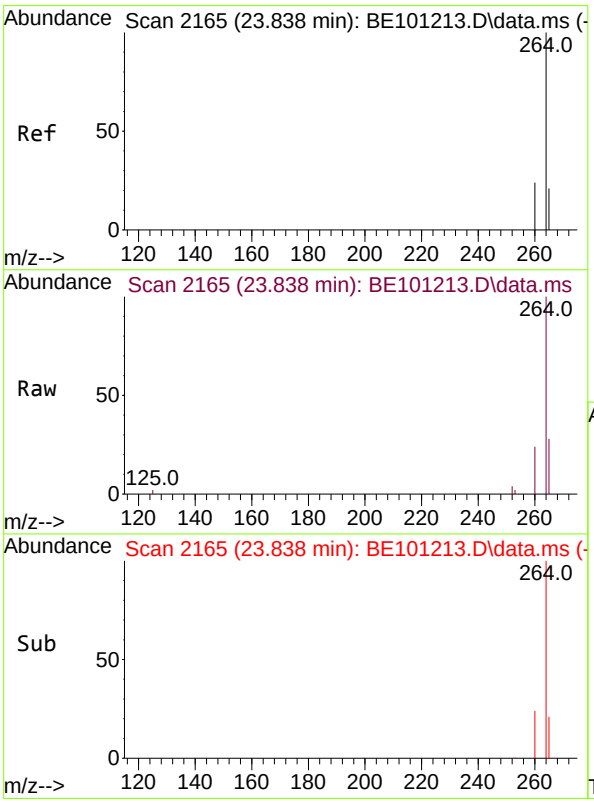



#35
Indeno(1,2,3-cd)pyrene
Concen: 0.37 ng
RT: 26.448 min Scan# 2893
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:276 Resp: 27979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 22.0 | 17.4 | 26.0 |
| 277 | 24.8 | 19.8 | 29.8 |

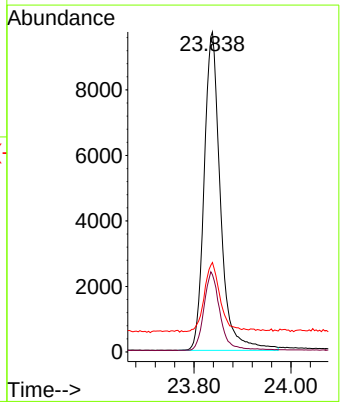


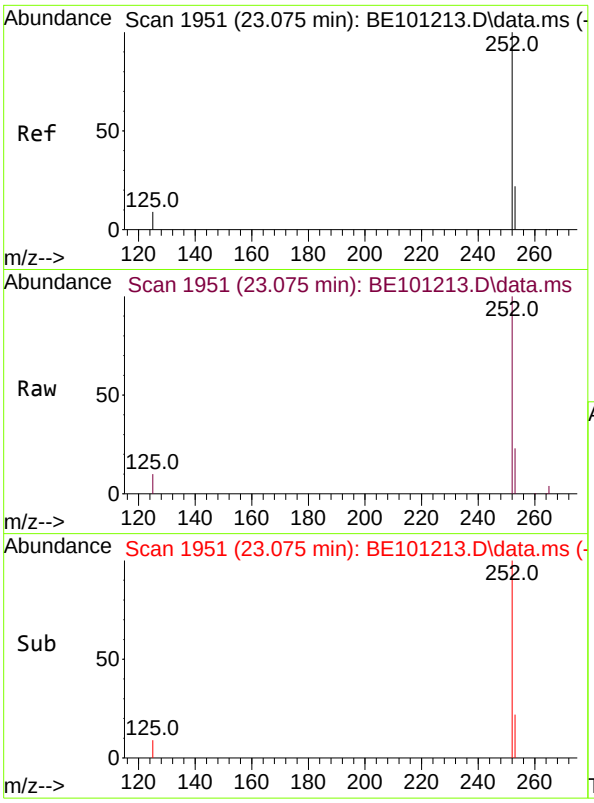




#36
Perylene-d12
Concen: 0.40 ng
RT: 23.838 min Scan# 2165
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:264 Resp: 22638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.1 | 19.3 | 28.9 |
| 265 | 28.0 | 22.4 | 33.6 |

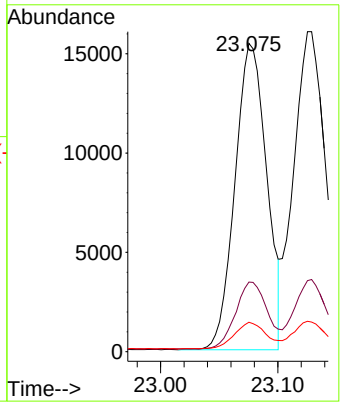




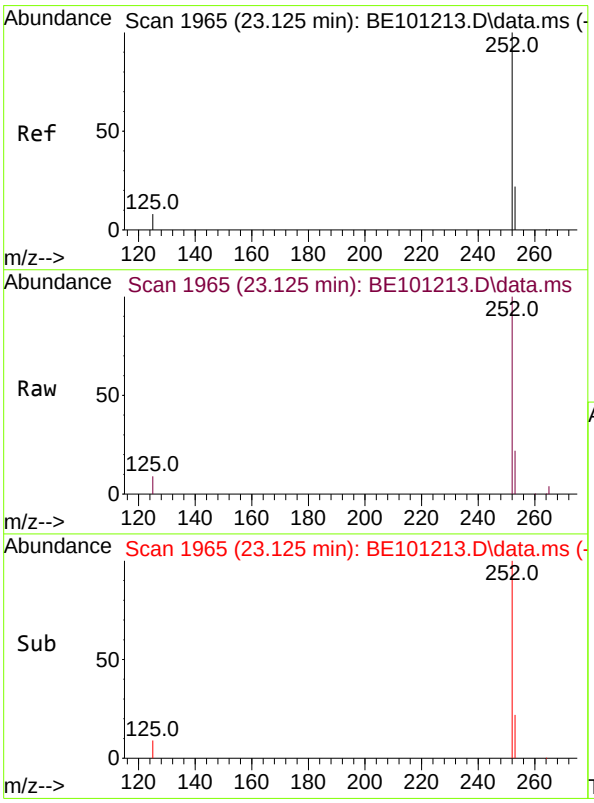

#37
Benzo(b)fluoranthene
Concen: 0.42 ng
RT: 23.075 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:252 Resp: 28973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.6 | 18.1 | 27.1 |
| 125 | 9.5 | 7.6 | 11.4 |



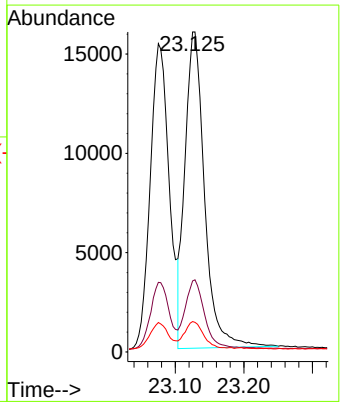

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4



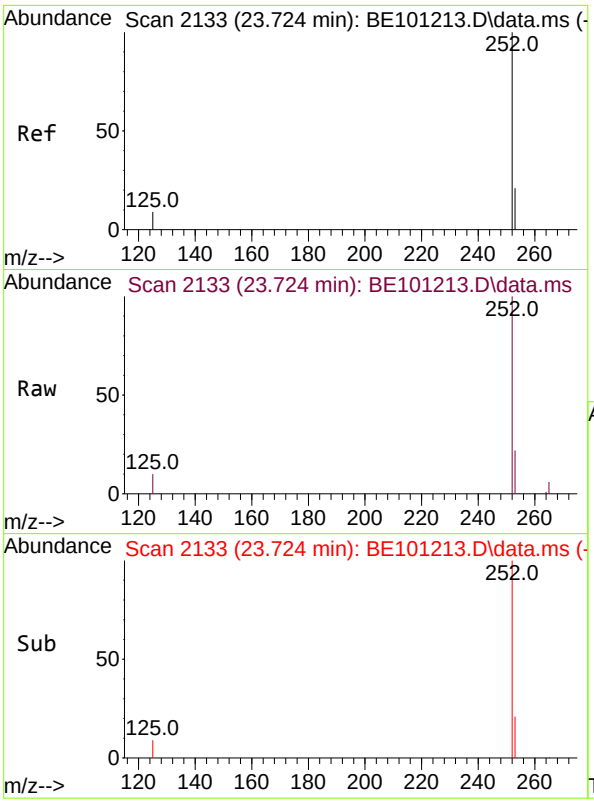

#38
Benzo(k)fluoranthene
Concen: 0.40 ng
RT: 23.125 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:252 Resp: 31553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.8 | 26.6 |
| 125 | 9.5 | 7.6 | 11.4 |



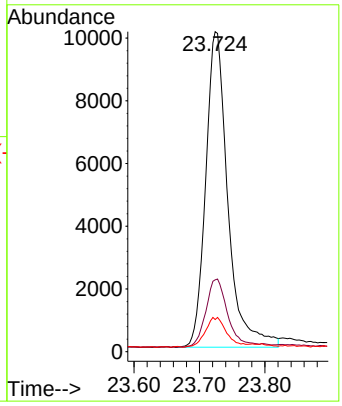
**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4

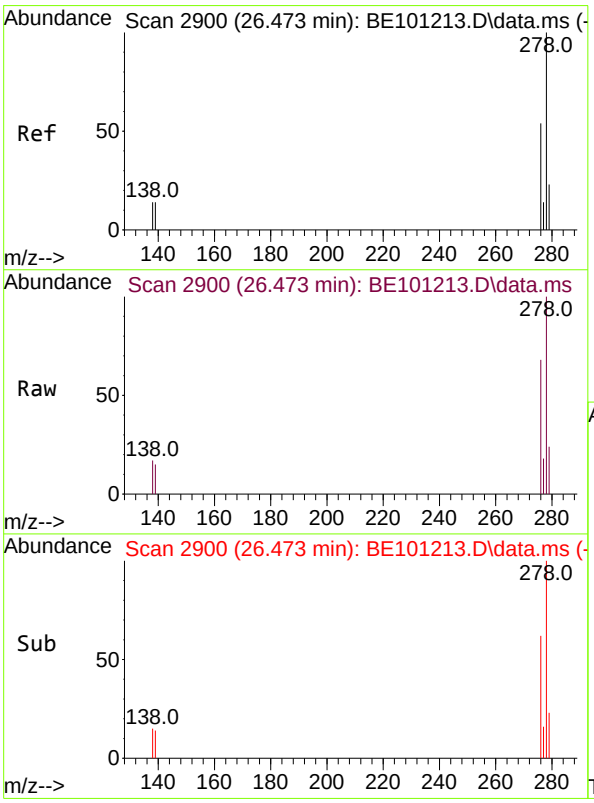



#39
Benzo(a)pyrene
Concen: 0.39 ng
RT: 23.724 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:252 Resp: 23705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 18.0 | 27.0 |
| 125 | 10.0 | 8.0 | 12.0 |

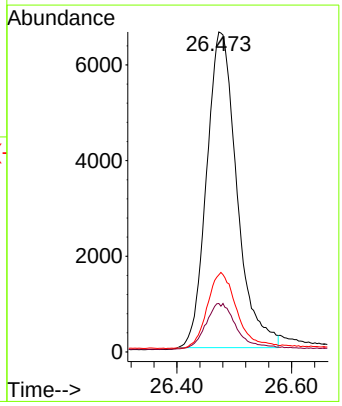


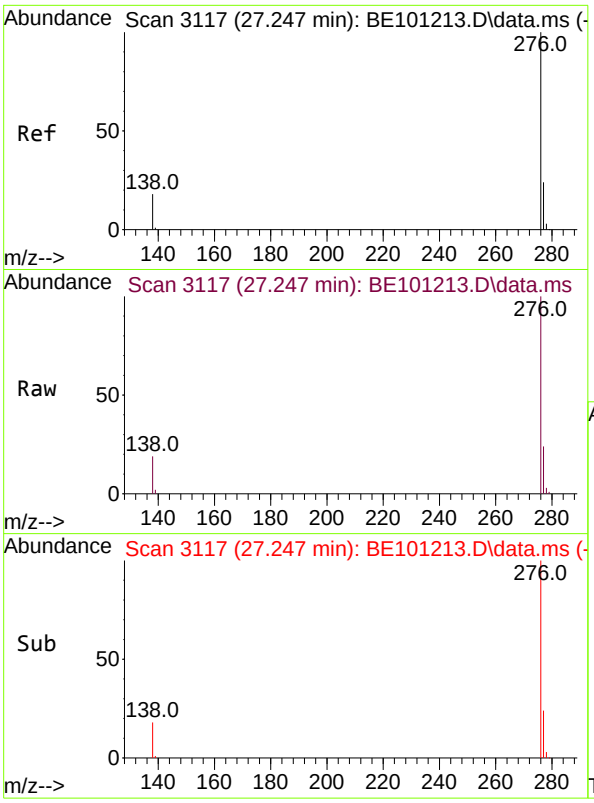




#40
Dibenzo(a,h)anthracene
Concen: 0.40 ng
RT: 26.473 min Scan# 2900
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:278 Resp: 24168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.2 | 12.2 | 18.2 |
| 279 | 24.1 | 19.3 | 28.9 |

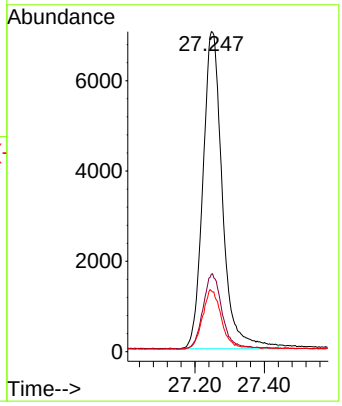





#41
Benzo(g,h,i)perylene
Concen: 0.42 ng
RT: 27.247 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BE101213.D
Acq: 6 Apr 2021 13:00

Tgt Ion:276 Resp: 27385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.2 | 19.4 | 29.0 |
| 138 | 19.0 | 15.2 | 22.8 |




**Instrument :**
BNA_E
**ClientSampleId :**
SSTDICCC0.4