Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092220\
Data File : BN011854.D
Acq On : 22 Sep 2020 16:06
Operator : CG/JU
Sample : PB131586BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** PB131586BS

Quant Time: Sep 22 16:39:09 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 14:36:55 2020
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.699 | 152 | 3353 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.478 | 136 | 13889 | 0.40 | ng | | # 0.00 |
| 13) Acenaphthene-d10 | 14.332 | 164 | 7000 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.078 | 188 | 14041 | 0.40 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.269 | 240 | 12307 | 0.40 | ng | | # 0.00 |
| 36) Perylene-d12 | 23.494 | 264 | 12171 | 0.40 | ng | | # 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.307 | 112 | 5149 | 0.52 | ng | | 0.00 |
| 5) Phenol-d6 | 6.870 | 99 | 6576 | 0.54 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.843 | 82 | 6027 | 0.43 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.069 | 152 | 9154 | 0.37 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.829 | 330 | 1330 | 0.37 | ng | | 0.01 |
| 15) 2-Fluorobiphenyl | 12.949 | 172 | 11860 | 0.39 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.112 | 212 | 16676 | 0.37 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.713 | 244 | 12386 | 0.44 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.270 | 88 | 2373 | 0.48 | ng | | 96 |
| 3) n-Nitrosodimethylamine | 3.576 | 42 | 2947 | 0.44 | ng | # | 81 |
| 6) bis(2-Chloroethyl)ether | 7.127 | 93 | 5810 | 0.54 | ng | | 95 |
| 9) Naphthalene | 10.516 | 128 | 16692 | 0.43 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.820 | 225 | 2731 | 0.30 | ng | # | 97 |
| 12) 2-Methylnaphthalene | 12.140 | 142 | 10469 | 0.39 | ng | | 97 |
| 16) Acenaphthylene | 14.040 | 152 | 13493 | 0.40 | ng | | 100 |
| 17) Acenaphthene | 14.395 | 154 | 9607 | 0.41 | ng | | 93 |
| 18) Fluorene | 15.385 | 166 | 11697 | 0.40 | ng | | 98 |
| 20) 4,6-Dinitro-2-methylph... | 15.461 | 198 | 833 | 0.35 | ng | # | 1 |
| 21) 4-Bromophenyl-phenylether | 16.275 | 248 | 3103 | 0.37 | ng | # | 81 |
| 22) Hexachlorobenzene | 16.384 | 284 | 3662 | 0.35 | ng | # | 86 |
| 23) Atrazine | 16.542 | 200 | 2659 | 0.35 | ng | # | 90 |
| 24) Pentachlorophenol | 16.725 | 266 | 1549 | 0.37 | ng | | 98 |
| 25) Phenanthrene | 17.114 | 178 | 18163 | 0.41 | ng | | 100 |
| 26) Anthracene | 17.212 | 178 | 15388 | 0.40 | ng | | 99 |
| 28) Fluoranthene | 19.137 | 202 | 19551 | 0.38 | ng | # | 94 |
| 30) Pyrene | 19.504 | 202 | 19829 | 0.46 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.259 | 228 | 15971 | 0.38 | ng | | 99 |
| 33) Chrysene | 21.301 | 228 | 18301 | 0.43 | ng | | 97 |
| 34) Bis(2-ethylhexyl)phtha... | 21.195 | 149 | 9898 | 0.46 | ng | # | 92 |
| 35) Indeno(1,2,3-cd)pyrene | 25.722 | 276 | 20489 | 0.38 | ng | # | 90 |
| 37) Benzo(b)fluoranthene | 22.827 | 252 | 17216 | 0.38 | ng | # | 84 |
| 38) Benzo(k)fluoranthene | 22.871 | 252 | 18943 | 0.40 | ng | # | 87 |
| 39) Benzo(a)pyrene | 23.398 | 252 | 16113 | 0.40 | ng | # | 74 |
| 40) Dibenzo(a,h)anthracene | 25.740 | 278 | 16596 | 0.37 | ng | # | 86 |
| 41) Benzo(g,h,i)perylene | 26.400 | 276 | 18092 | 0.38 | ng | # | 89 |

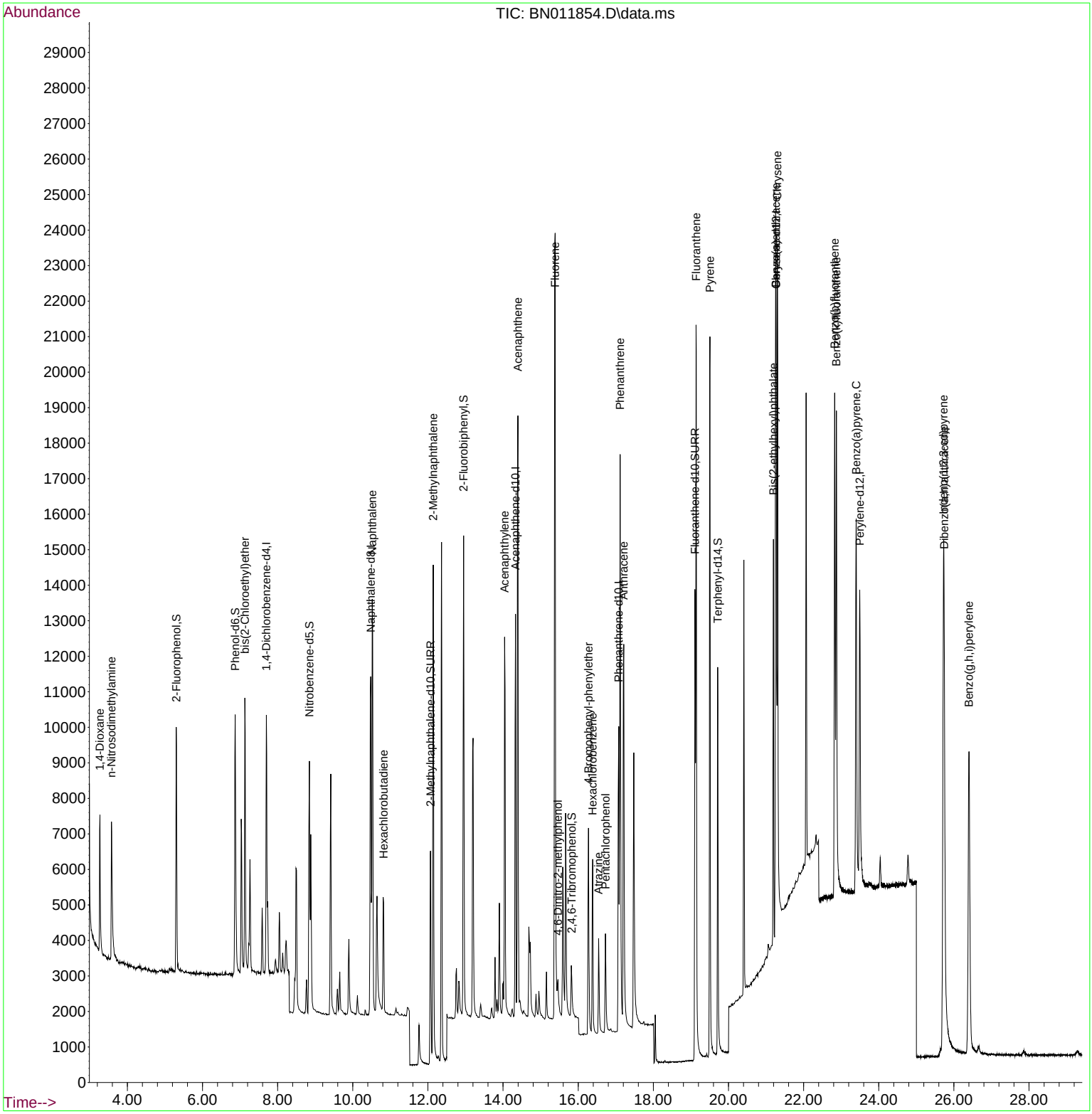
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

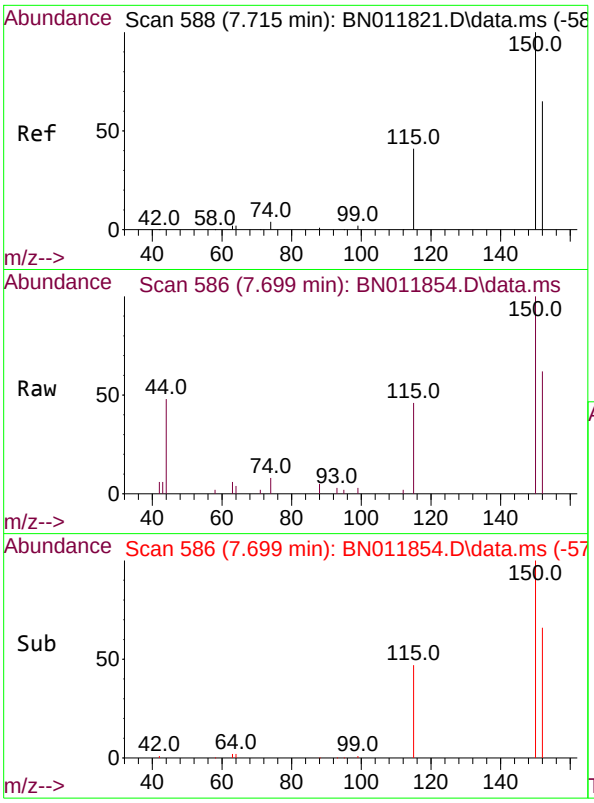
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092220\
Data File : BN011854.D
Acq On : 22 Sep 2020 16:06
Operator : CG/JU
Sample : PB131586BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB131586BS

Quant Time: Sep 22 16:39:09 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 14:36:55 2020
Response via : Initial Calibration



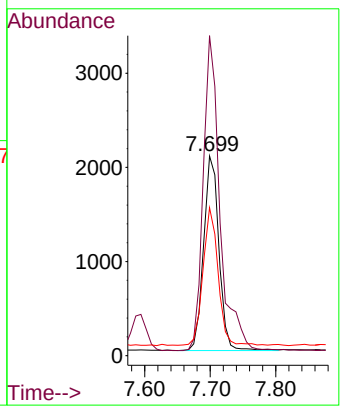
**Instrument :**
BNA_N
**ClientSampleId :**
PB131586BS

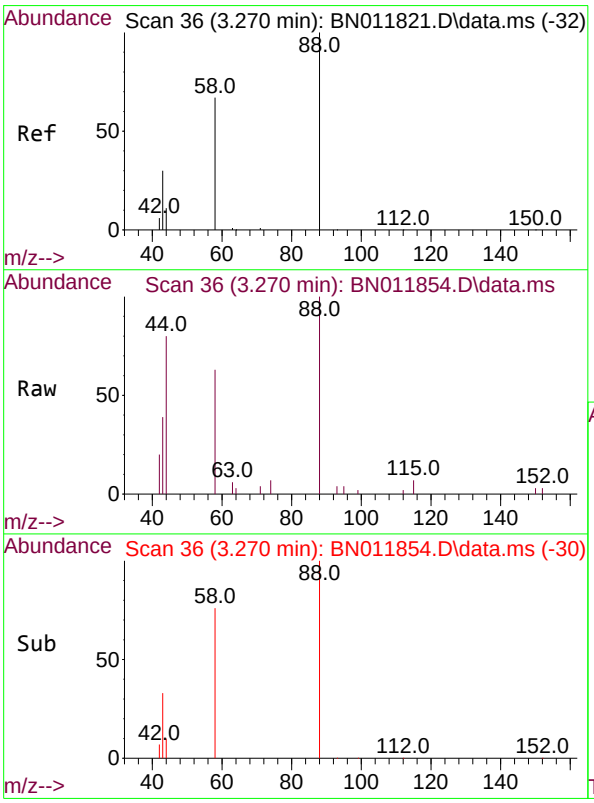



#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.699 min Scan# 586
Delta R.T. 0.000 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:152 Resp: 3353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 160.3 | 118.3 | 177.5 |
| 115 | 74.1 | 51.3 | 76.9 |

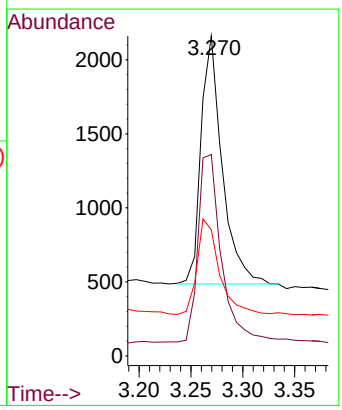


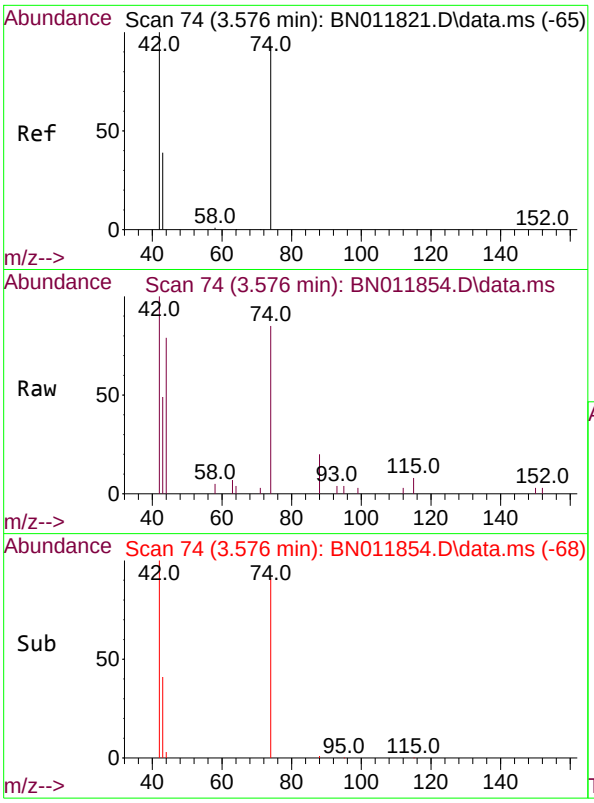

#2
1,4-Dioxane
Concen: 0.48 ng
RT: 3.270 min Scan# 36
Delta R.T. 0.000 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion: 88 Resp: 2373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 83.4 | 63.3 | 94.9 |
| 43 | 40.2 | 33.0 | 49.4 |



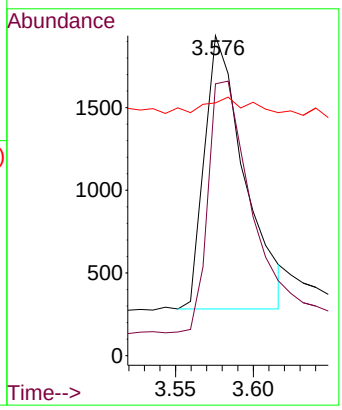
**Instrument :**
BNA_N
**ClientSampleId :**
PB131586BS

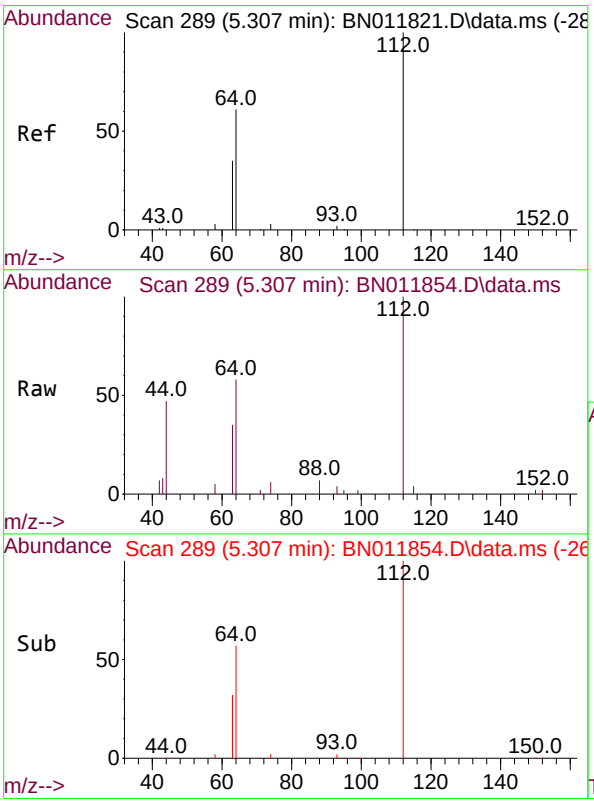



#3
n-Nitrosodimethylamine
Concen: 0.44 ng
RT: 3.576 min Scan# 74
Delta R.T. -0.000 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion: 42 Resp: 2947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 99.0 | 64.4 | 96.6# |
| 44 | 6.4 | 6.7 | 10.1# |

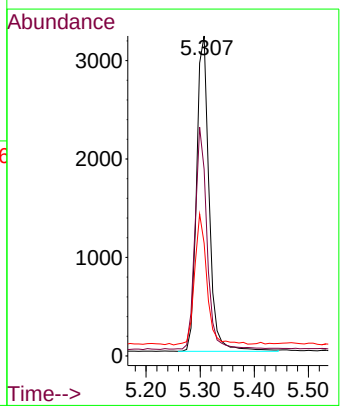


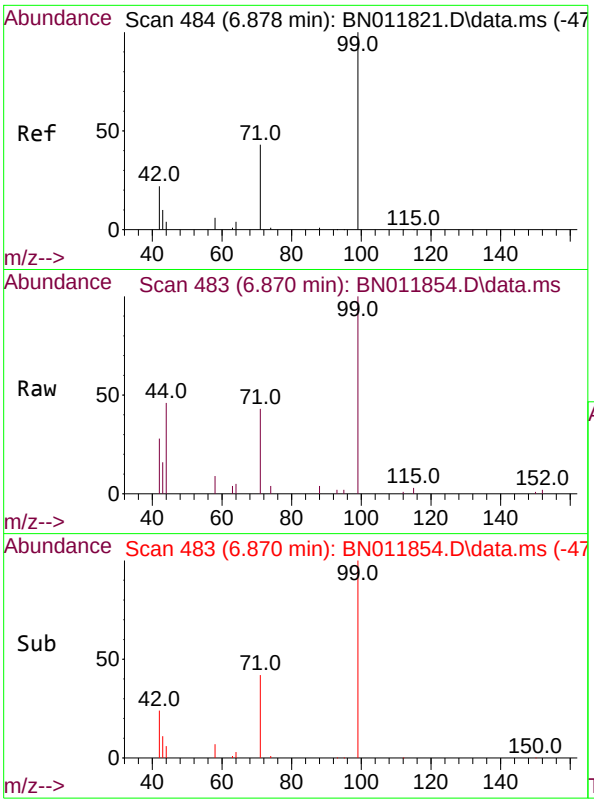

#4
2-Fluorophenol
Concen: 0.52 ng
RT: 5.307 min Scan# 289
Delta R.T. 0.000 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:112 Resp: 5149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 67.3 | 49.0 | 73.6 |
| 63 | 40.9 | 31.8 | 47.6 |



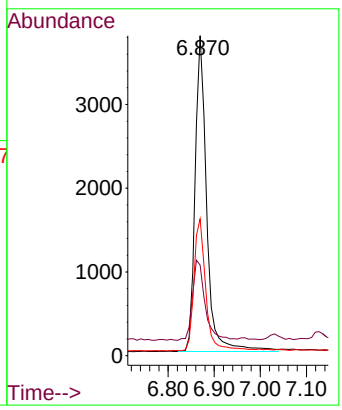
**Instrument :**
BNA_N
**ClientSampleId :**
PB131586BS

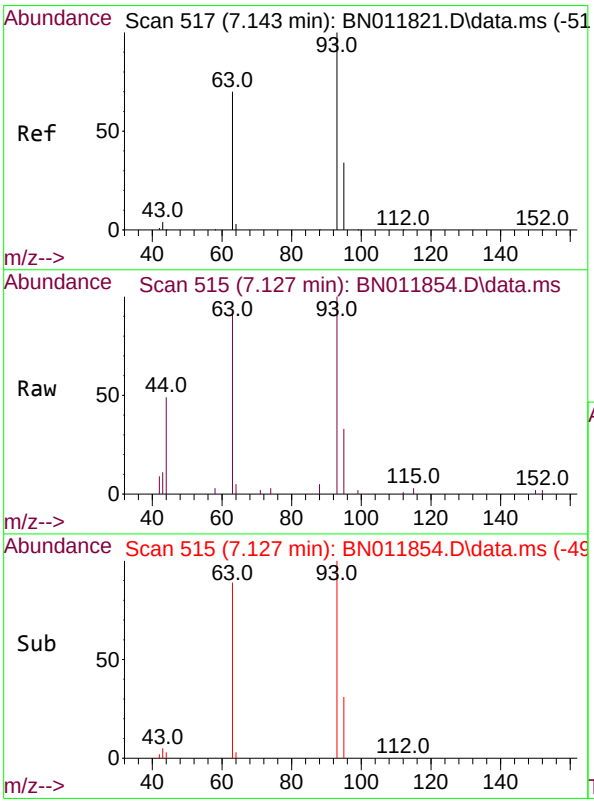



#5
Phenol-d6
Concen: 0.54 ng
RT: 6.870 min Scan# 483
Delta R.T. -0.000 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion: 99 Resp: 6576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 27.6 | 23.4 | 35.0 |
| 71 | 42.6 | 38.1 | 57.1 |

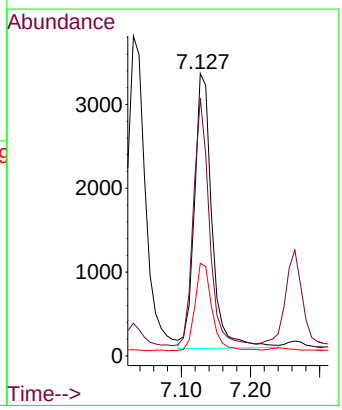


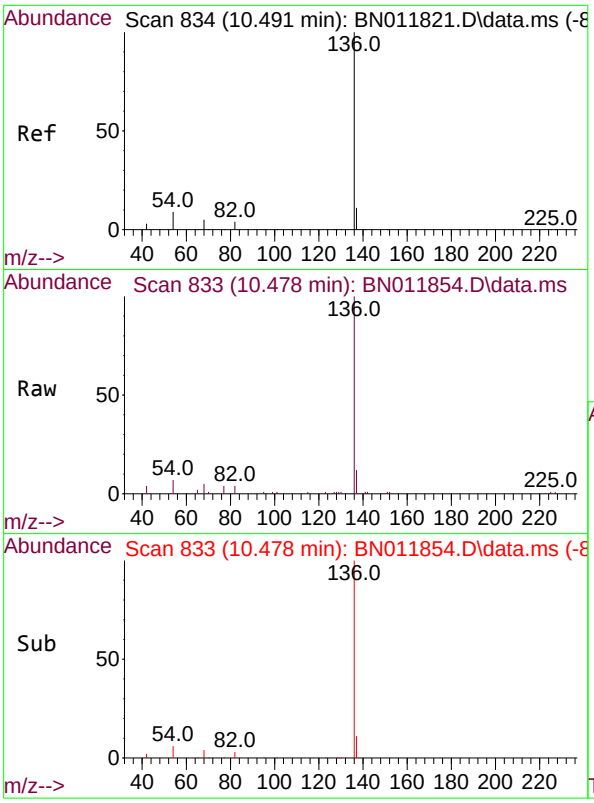

#6
bis(2-Chloroethyl)ether
Concen: 0.54 ng
RT: 7.127 min Scan# 515
Delta R.T. 0.000 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion: 93 Resp: 5810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 81.4 | 61.1 | 91.7 |
| 95 | 30.7 | 25.5 | 38.3 |



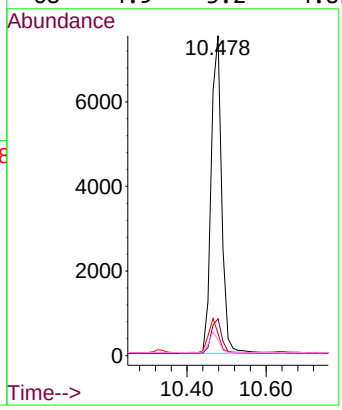
**Instrument :**
BNA_N
**ClientSampleId :**
PB131586BS

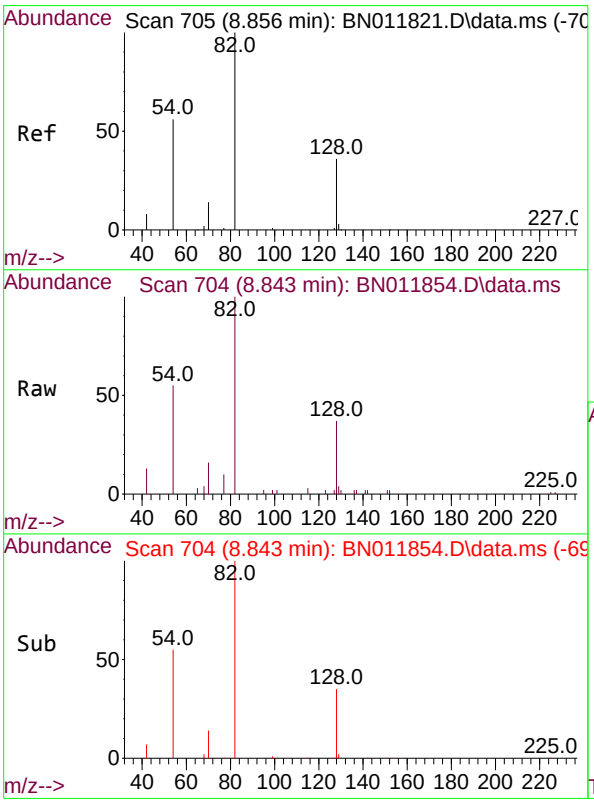



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.478 min Scan# 833
Delta R.T. -0.000 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:136 Resp: 13889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.5 | 9.5 | 14.3 |
| 54 | 6.9 | 5.6 | 8.4 |
| 68 | 4.9 | 3.2 | 4.8# |

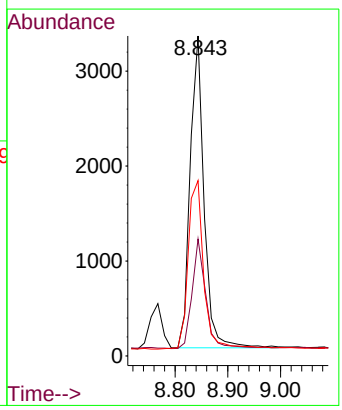


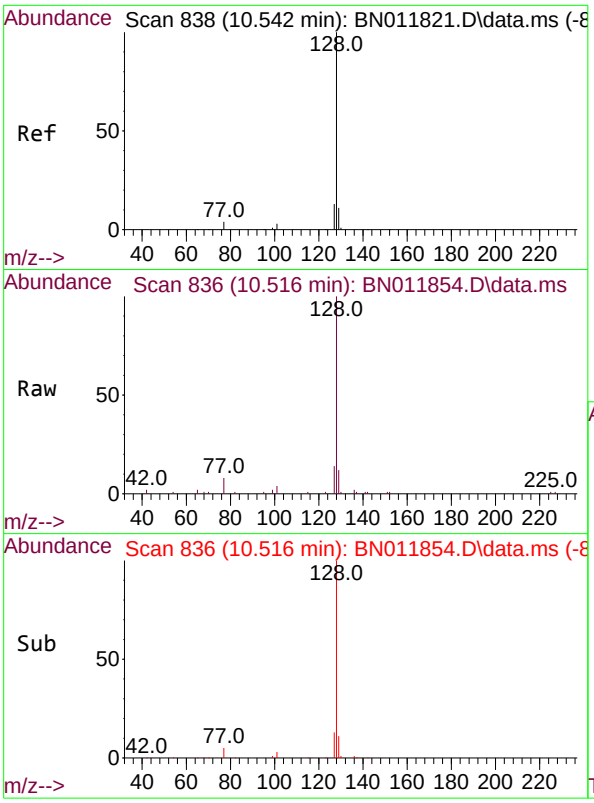

#8
Nitrobenzene-d5
Concen: 0.43 ng
RT: 8.843 min Scan# 704
Delta R.T. 0.000 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion: 82 Resp: 6027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 36.6 | 34.2 | 51.2 |
| 54 | 54.8 | 43.1 | 64.7 |



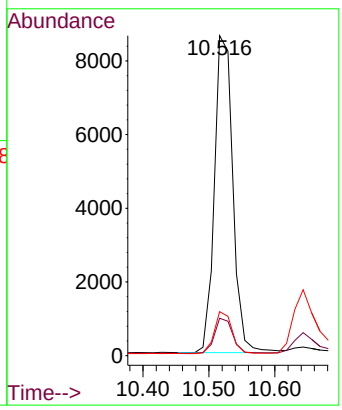
**Instrument :**
BNA_N
**ClientSampleId :**
PB131586BS

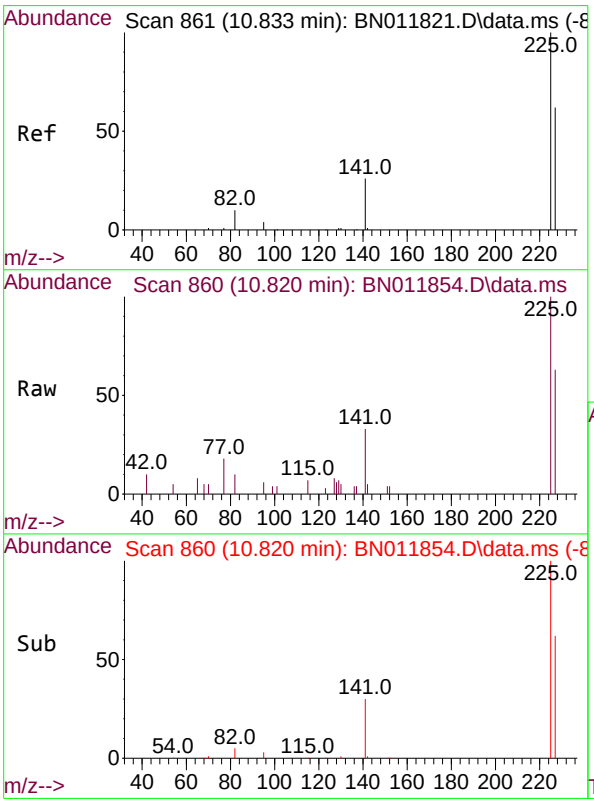



#9
Naphthalene
Concen: 0.43 ng
RT: 10.516 min Scan# 836
Delta R.T. 0.000 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:128 Resp: 16692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.7 | 9.7 | 14.5 |
| 127 | 13.8 | 11.0 | 16.4 |

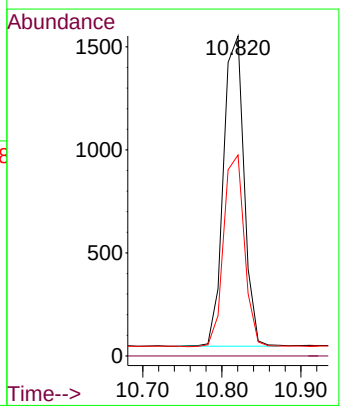


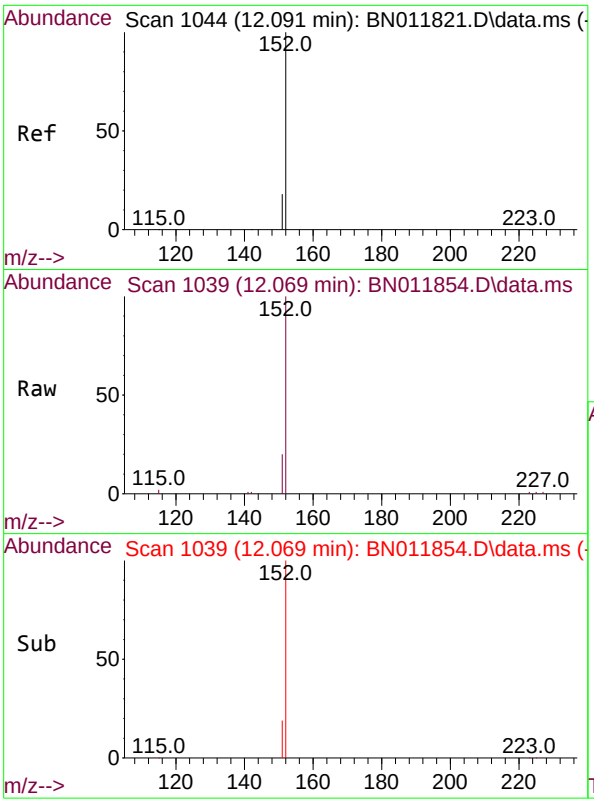

#10
Hexachlorobutadiene
Concen: 0.30 ng
RT: 10.820 min Scan# 860
Delta R.T. 0.000 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:225 Resp: 2731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 0.0 | 0.0 | 0.0 |
| 227 | 62.2 | 51.9 | 77.9 |



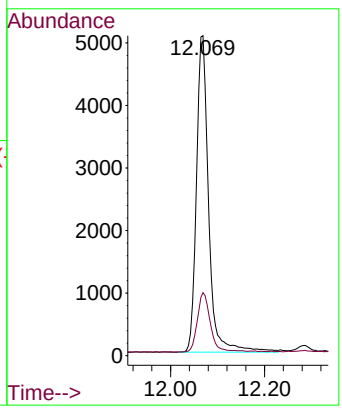
**Instrument :**
BNA_N
**ClientSampleId :**
PB131586BS

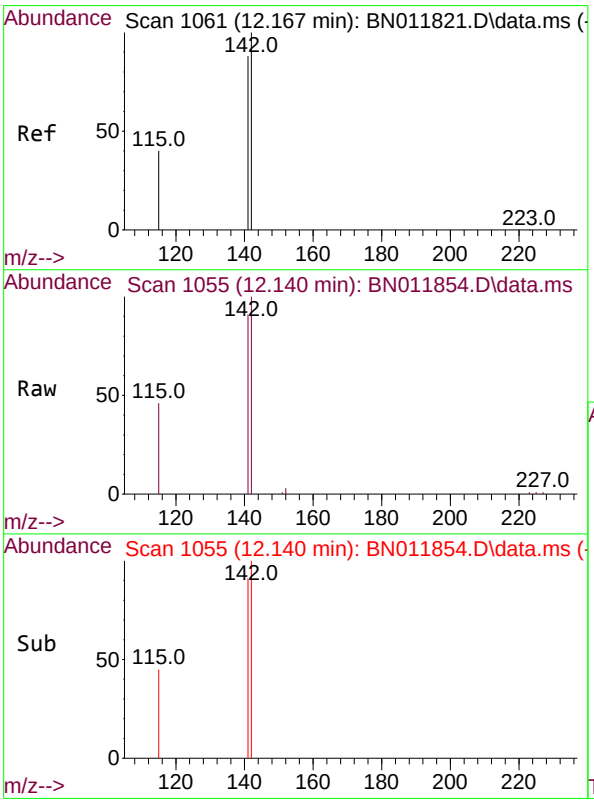



#11
2-Methylnaphthalene-d10
Concen: 0.37 ng
RT: 12.069 min Scan# 1039
Delta R.T. 0.004 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:152 Resp: 9154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.3 | 16.7 | 25.1 |

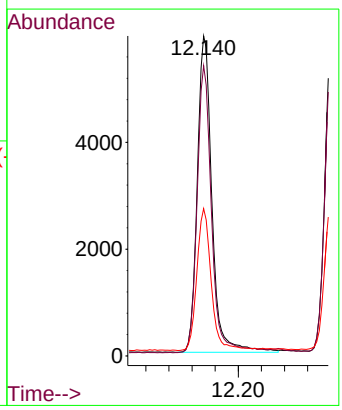


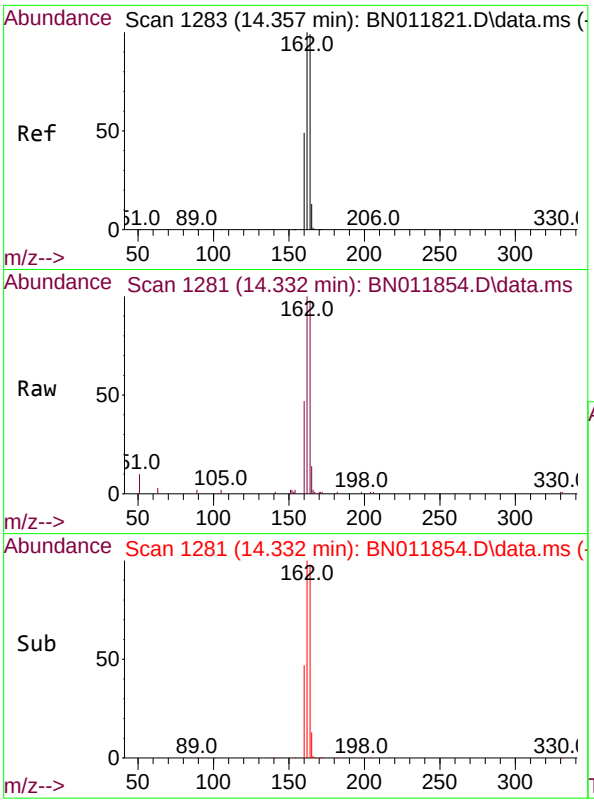

#12
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.140 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:142 Resp: 10469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.7 | 70.0 | 105.0 |
| 115 | 46.1 | 35.8 | 53.6 |



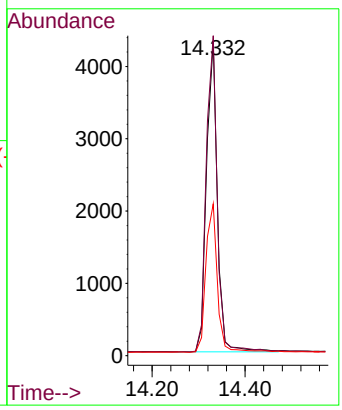
**Instrument :**
BNA_N
**ClientSampleId :**
PB131586BS

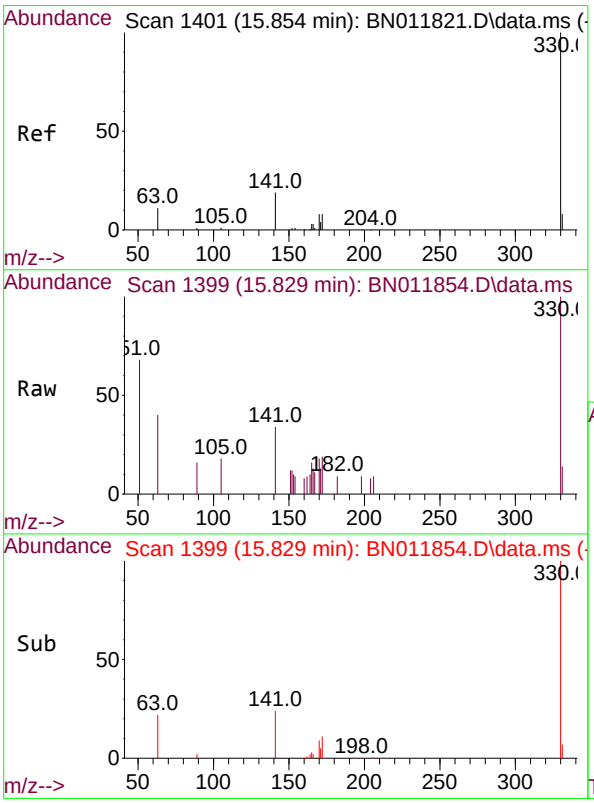



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.332 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:164 Resp: 7000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.7 | 83.6 | 125.4 |
| 160 | 48.3 | 41.2 | 61.8 |

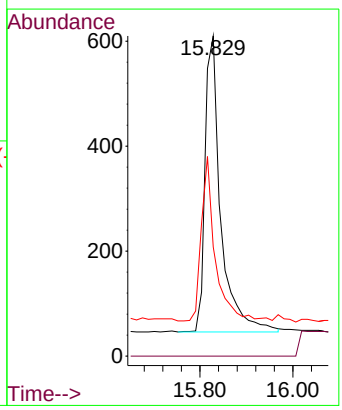


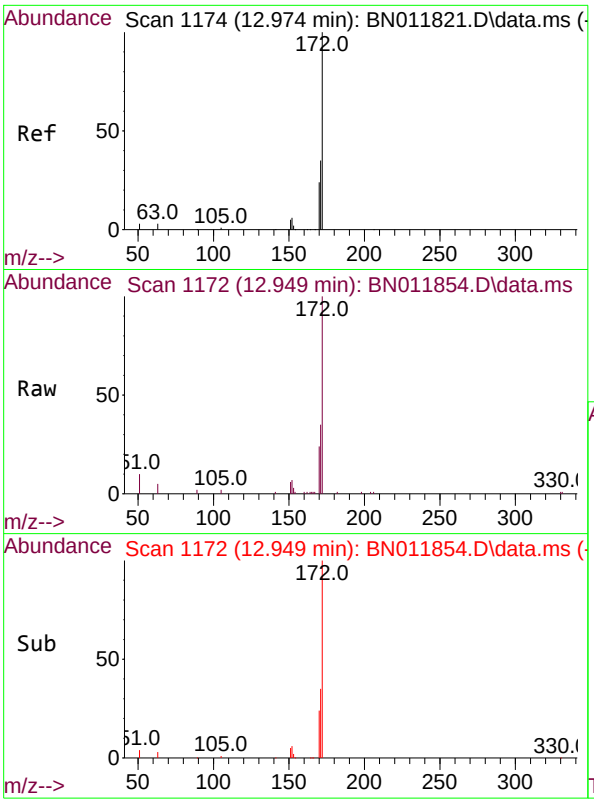

#14
2,4,6-Tribromophenol
Concen: 0.37 ng
RT: 15.829 min Scan# 1399
Delta R.T. 0.013 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:330 Resp: 1330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 0.0 | 0.0 | 0.0 |
| 141 | 48.4 | 33.7 | 50.5 |



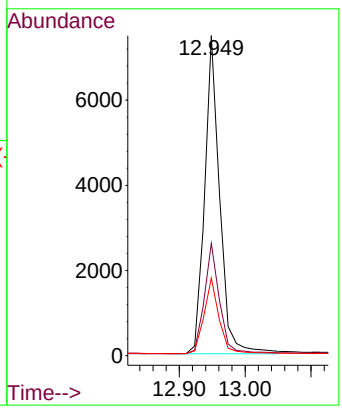
**Instrument :**
BNA_N
**ClientSampleId :**
PB131586BS

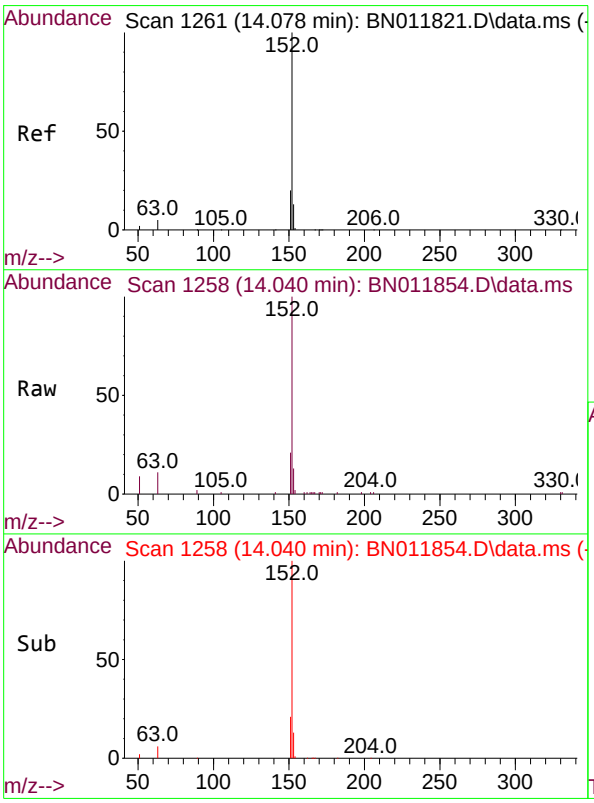



#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 12.949 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:172 Resp: 11860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.1 | 27.4 | 41.2 |
| 170 | 24.2 | 17.8 | 26.6 |

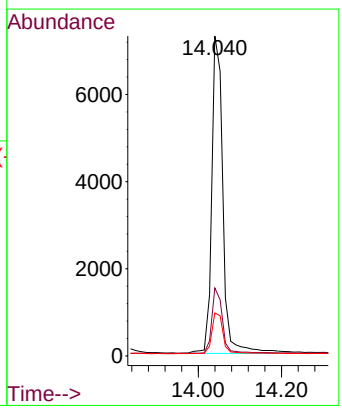


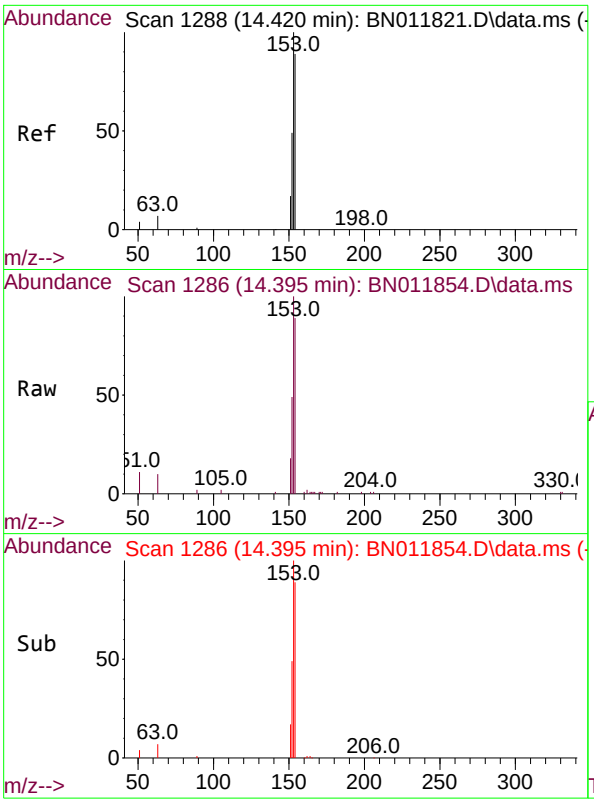

#16
Acenaphthylene
Concen: 0.40 ng
RT: 14.040 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:152 Resp: 13493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.1 | 15.9 | 23.9 |
| 153 | 13.2 | 10.5 | 15.7 |



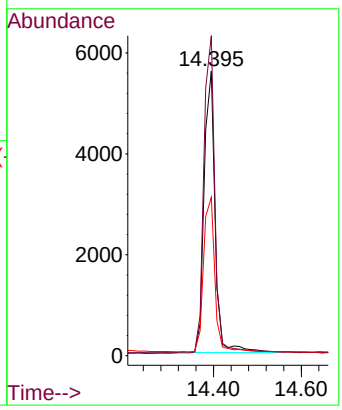
**Instrument :**
BNA_N
**ClientSampleId :**
PB131586BS

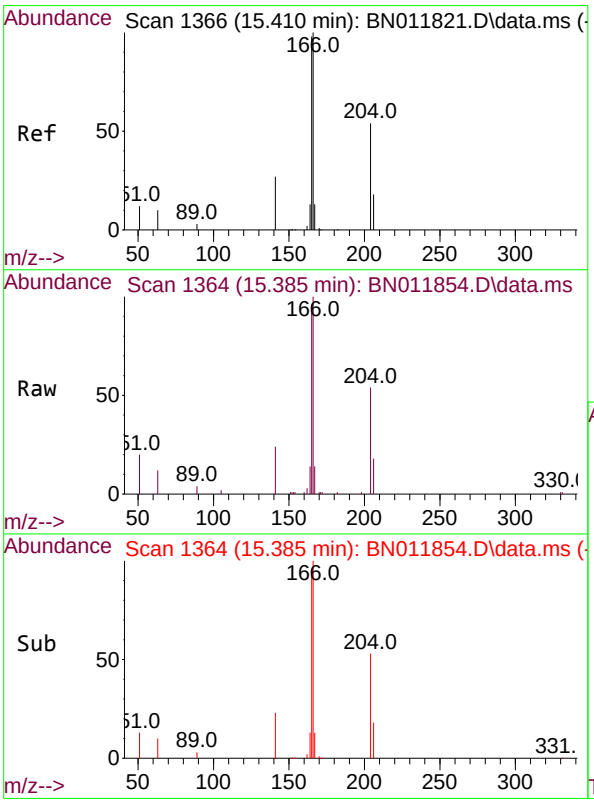



#17
Acenaphthene
Concen: 0.41 ng
RT: 14.395 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:154 Resp: 9607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.3 | 83.4 | 125.2 |
| 152 | 56.7 | 42.8 | 64.2 |

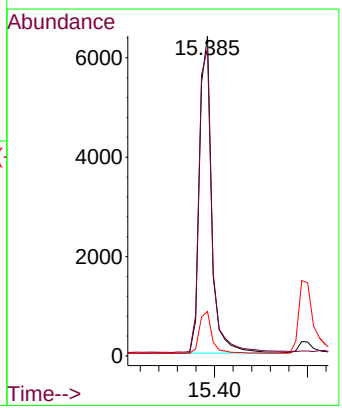


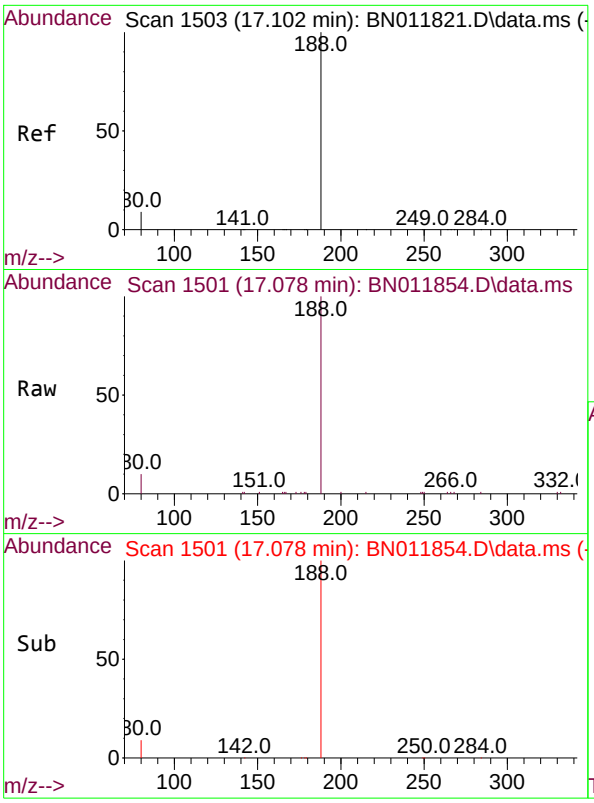

#18
Fluorene
Concen: 0.40 ng
RT: 15.385 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:166 Resp: 11697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.2 | 78.8 | 118.2 |
| 167 | 13.6 | 11.2 | 16.8 |



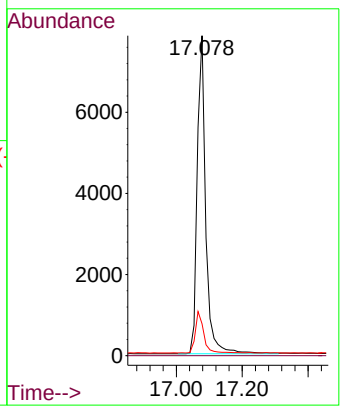
**Instrument :**
BNA_N
**ClientSampleId :**
PB131586BS

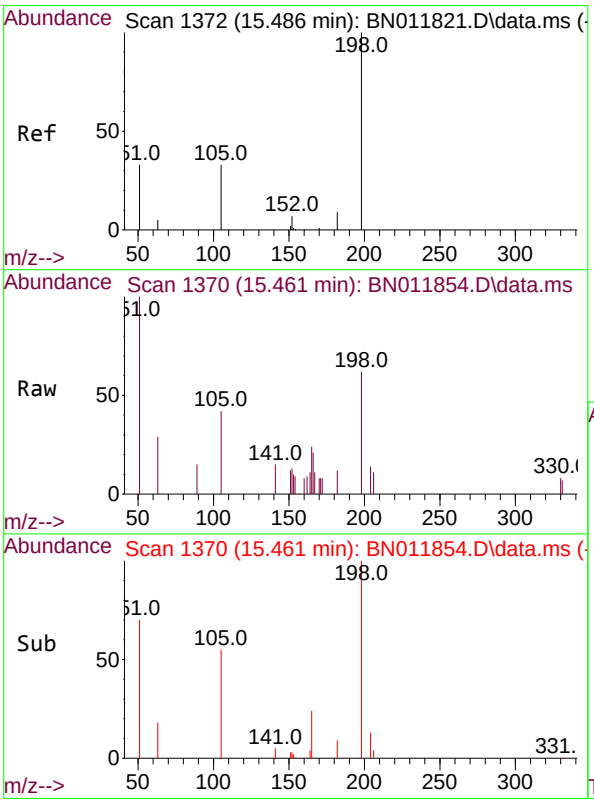



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.078 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:188 Resp: 14041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 9.9 | 7.7 | 11.5 |

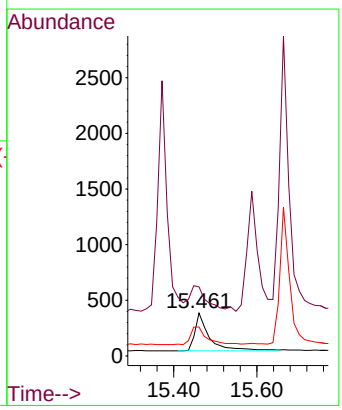


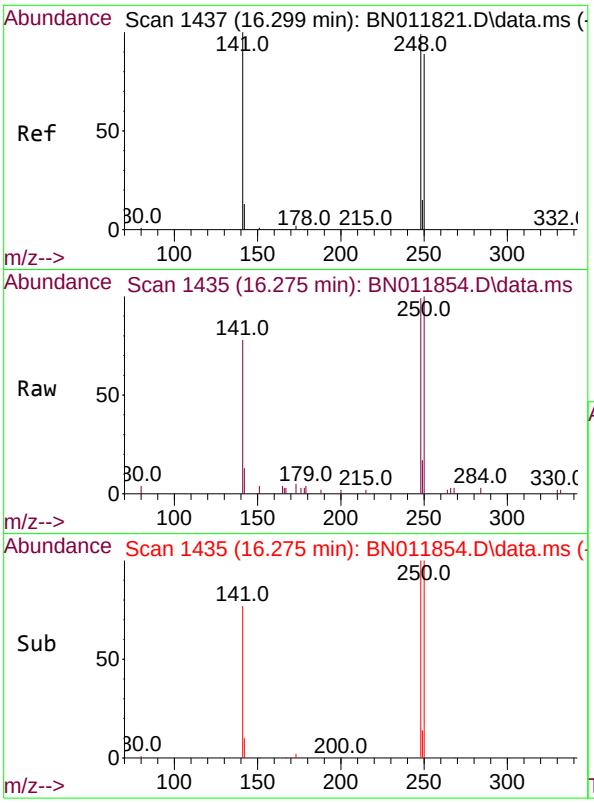

#20
4,6-Dinitro-2-methylphenol
Concen: 0.35 ng
RT: 15.461 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:198 Resp: 833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 160.9 | 45.0 | 67.4# |
| 105 | 67.6 | 30.4 | 45.6# |



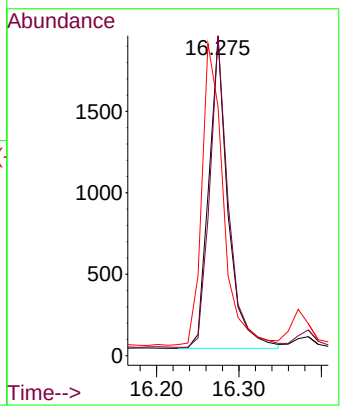
**Instrument :**
BNA_N
**ClientSampleId :**
PB131586BS

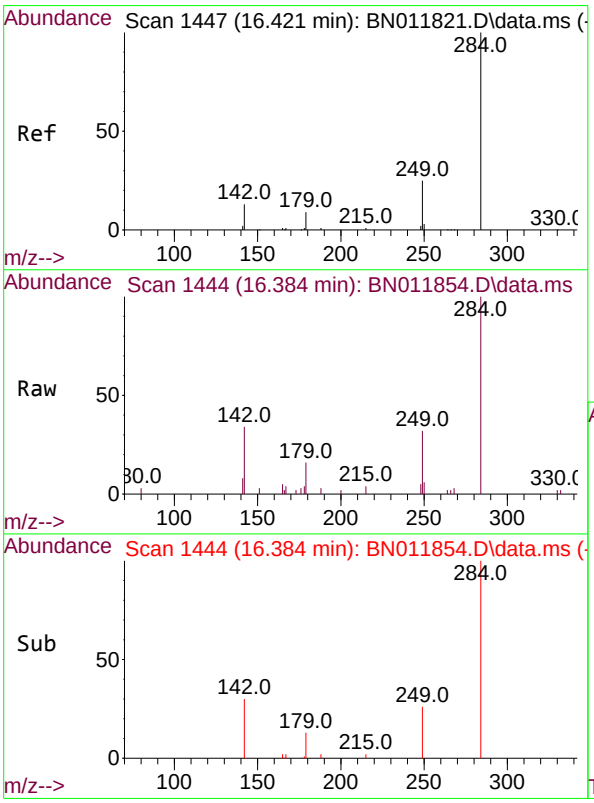



#21
4-Bromophenyl-phenylether
Concen: 0.37 ng
RT: 16.275 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:248 Resp: 3103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 100.5 | 82.7 | 124.1 |
| 141 | 78.2 | 33.7 | 50.5# |

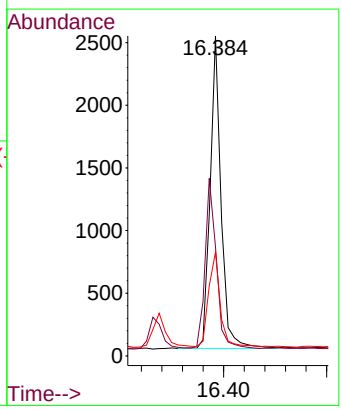


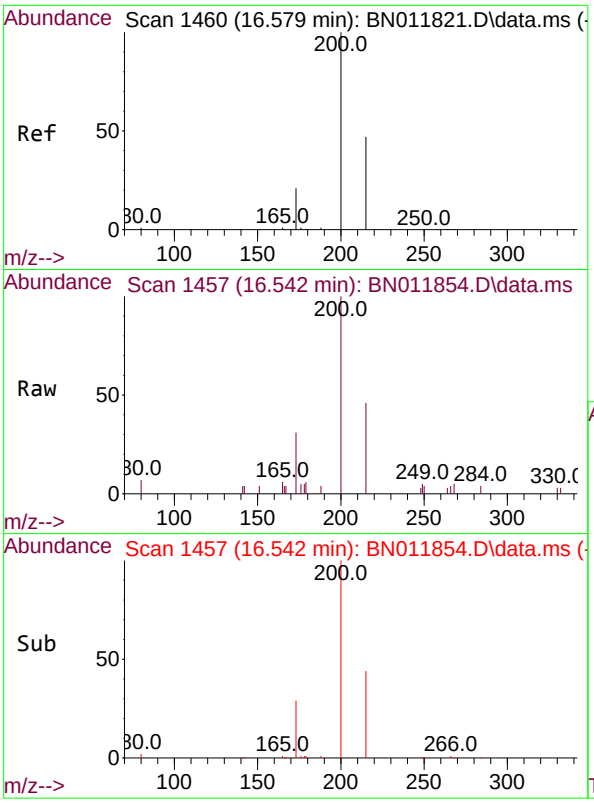

#22
Hexachlorobenzene
Concen: 0.35 ng
RT: 16.384 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:284 Resp: 3662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 56.2 | 32.4 | 48.6# |
| 249 | 33.1 | 26.8 | 40.2 |



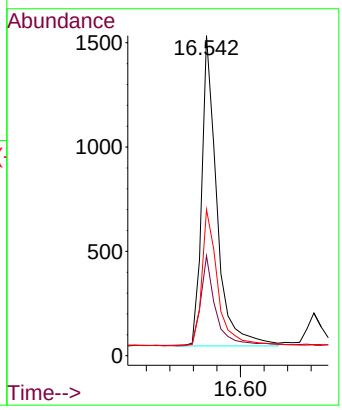
**Instrument :**
BNA_N
**ClientSampleId :**
PB131586BS

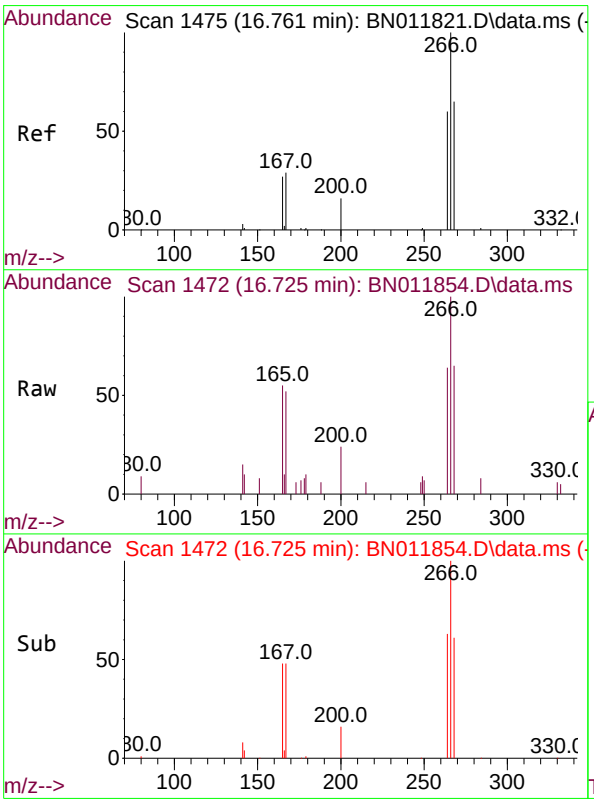



#23
Atrazine
Concen: 0.35 ng
RT: 16.542 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:200 Resp: 2659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 31.2 | 18.7 | 28.1# |
| 215 | 45.7 | 40.2 | 60.4 |

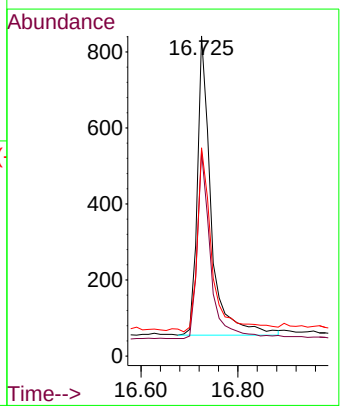


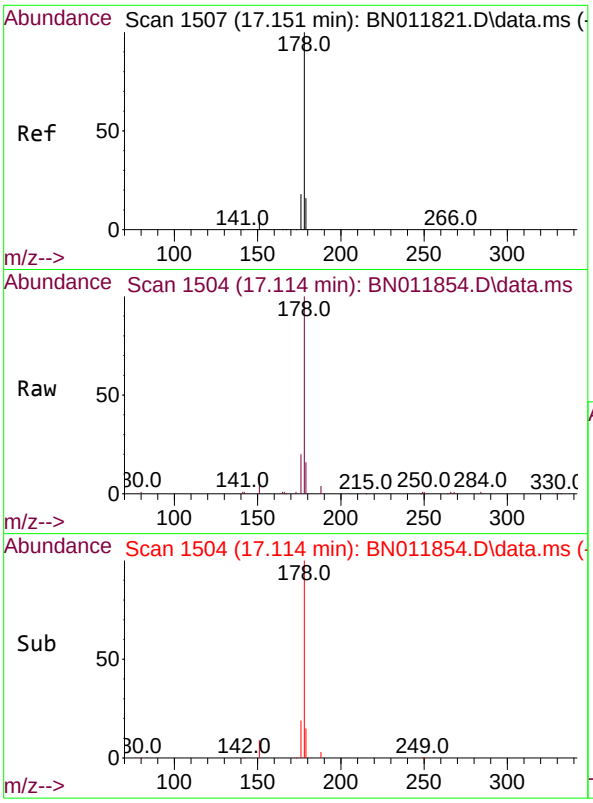

#24
Pentachlorophenol
Concen: 0.37 ng
RT: 16.725 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:266 Resp: 1549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 62.6 | 51.2 | 76.8 |
| 268 | 66.9 | 52.4 | 78.6 |



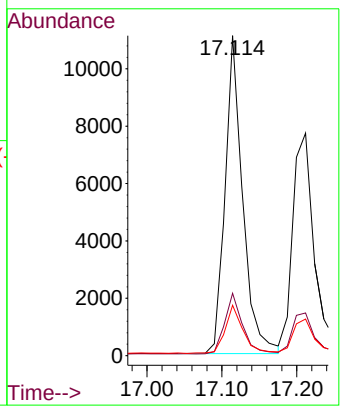
**Instrument :**
BNA_N
**ClientSampleId :**
PB131586BS

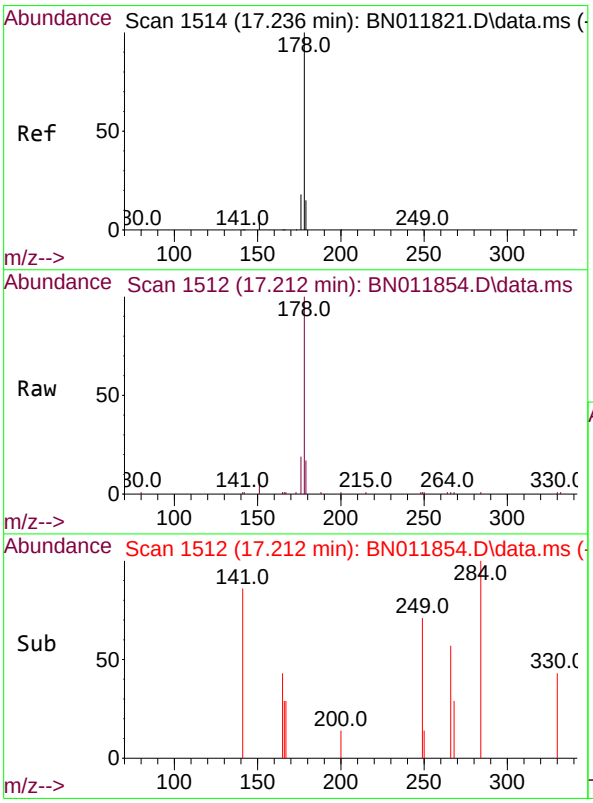



#25
Phenanthrene
Concen: 0.41 ng
RT: 17.114 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:178 Resp: 18163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 15.1 | 22.7 |
| 179 | 15.4 | 12.3 | 18.5 |

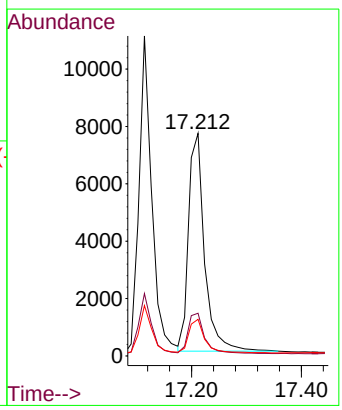


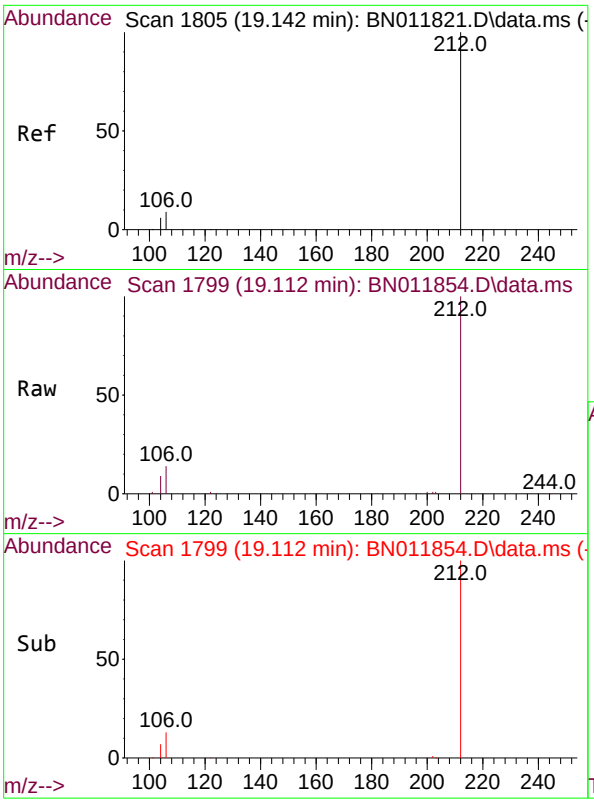

#26
Anthracene
Concen: 0.40 ng
RT: 17.212 min Scan# 1512
Delta R.T. 0.000 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:178 Resp: 15388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.9 | 14.6 | 21.8 |
| 179 | 15.4 | 12.4 | 18.6 |



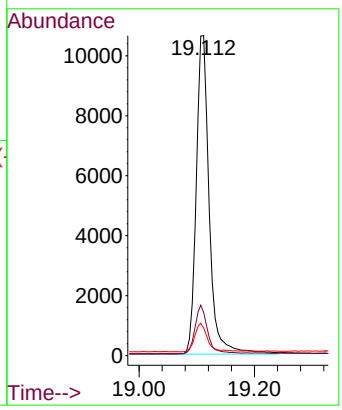
**Instrument :**
BNA_N
**ClientSampleId :**
PB131586BS

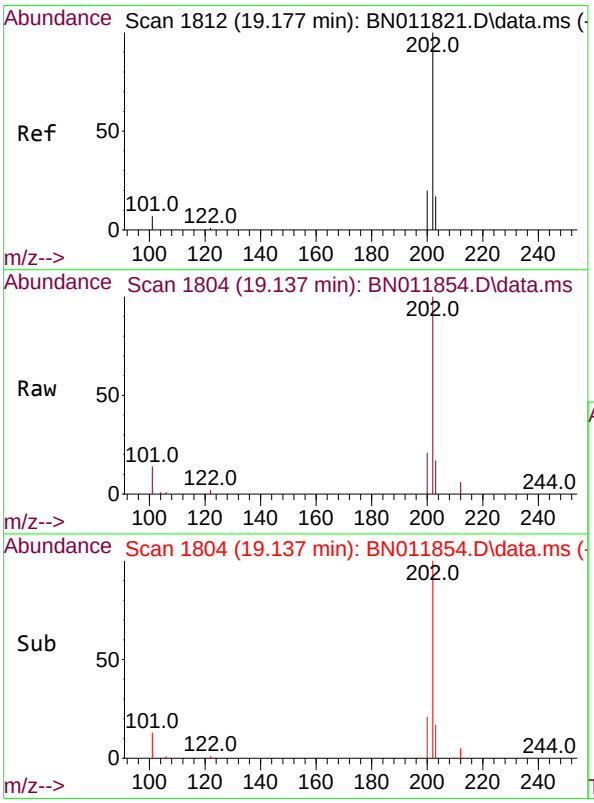



#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 19.112 min Scan# 1799
Delta R.T. 0.005 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:212 Resp: 16676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 14.5 | 6.4 | 9.6# |
| 104 | 9.1 | 3.9 | 5.9# |

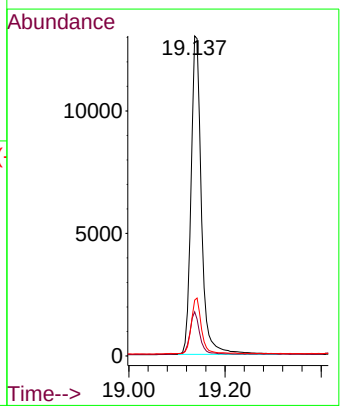


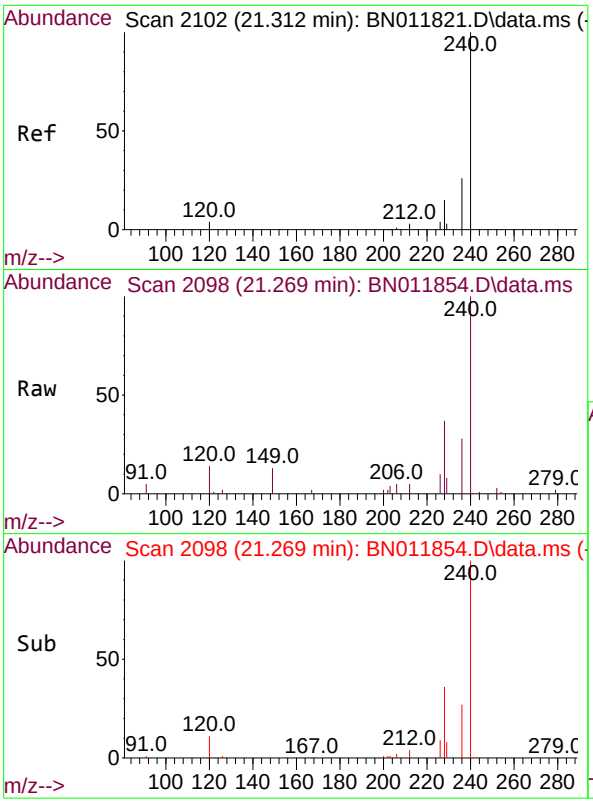

#28
Fluoranthene
Concen: 0.38 ng
RT: 19.137 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:202 Resp: 19551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.9 | 5.4 | 8.2# |
| 203 | 16.8 | 13.8 | 20.6 |



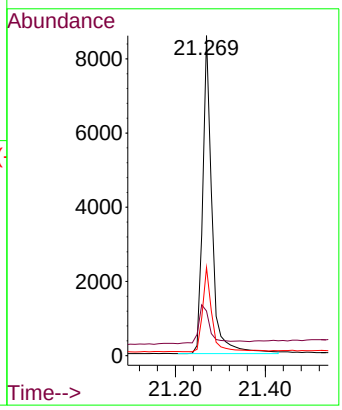
**Instrument :**
BNA_N
**ClientSampleId :**
PB131586BS

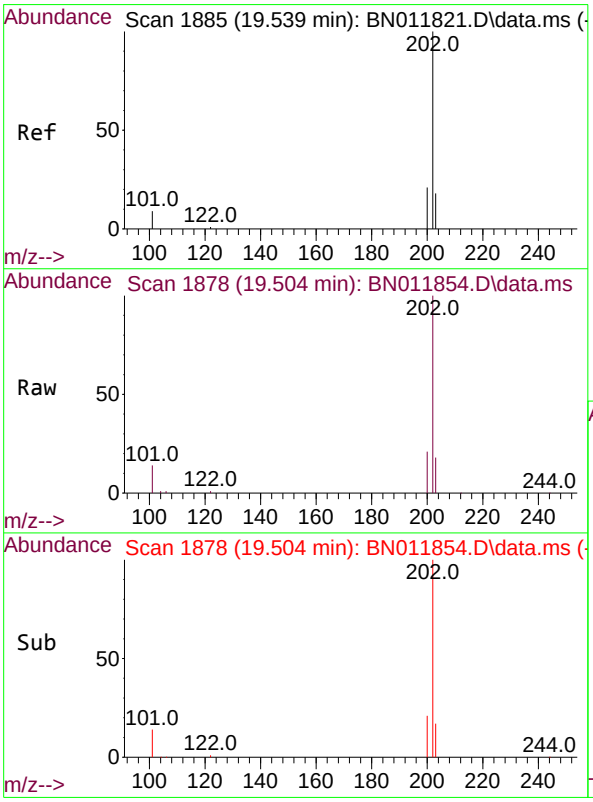



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.269 min Scan# 2098
Delta R.T. 0.000 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:240 Resp: 12307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.9 | 3.5 | 5.3# |
| 236 | 27.6 | 20.5 | 30.7 |

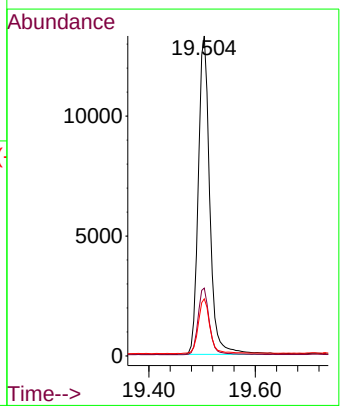


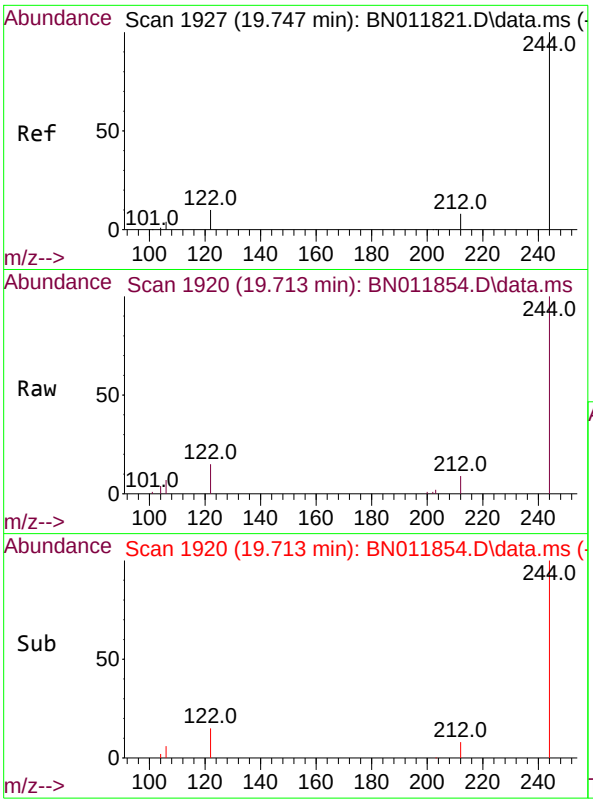

#30
Pyrene
Concen: 0.46 ng
RT: 19.504 min Scan# 1878
Delta R.T. 0.000 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:202 Resp: 19829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.9 | 16.5 | 24.7 |
| 203 | 17.4 | 13.9 | 20.9 |



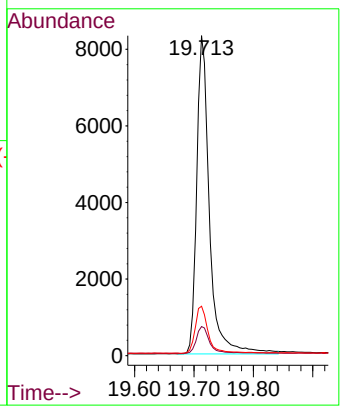
**Instrument :**
BNA_N
**ClientSampleId :**
PB131586BS

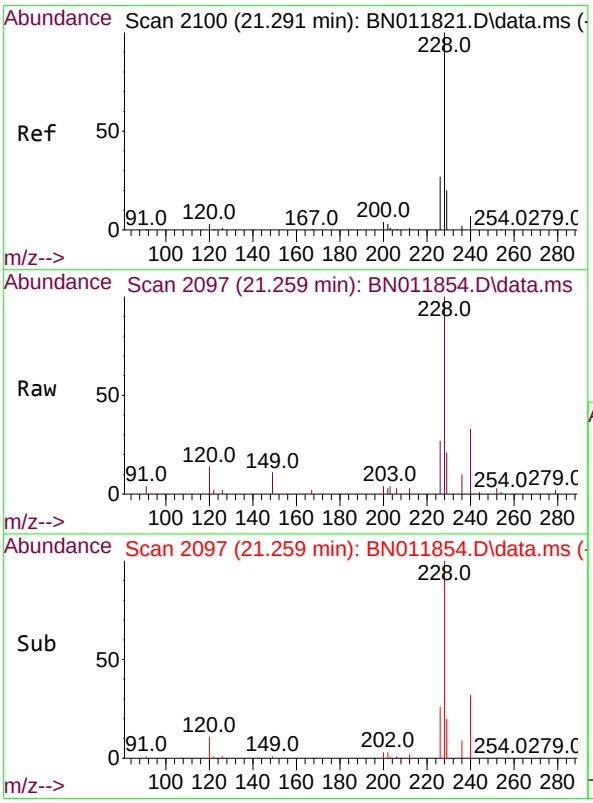



#31
Terphenyl-d14
Concen: 0.44 ng
RT: 19.713 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:244 Resp: 12386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.1 | 7.3 | 10.9 |
| 122 | 15.5 | 7.8 | 11.6# |

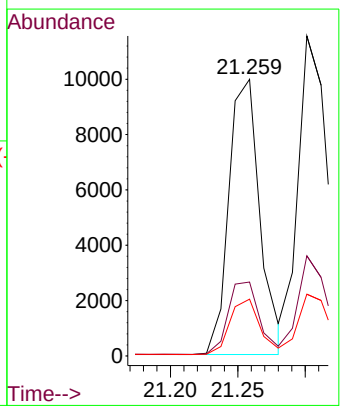


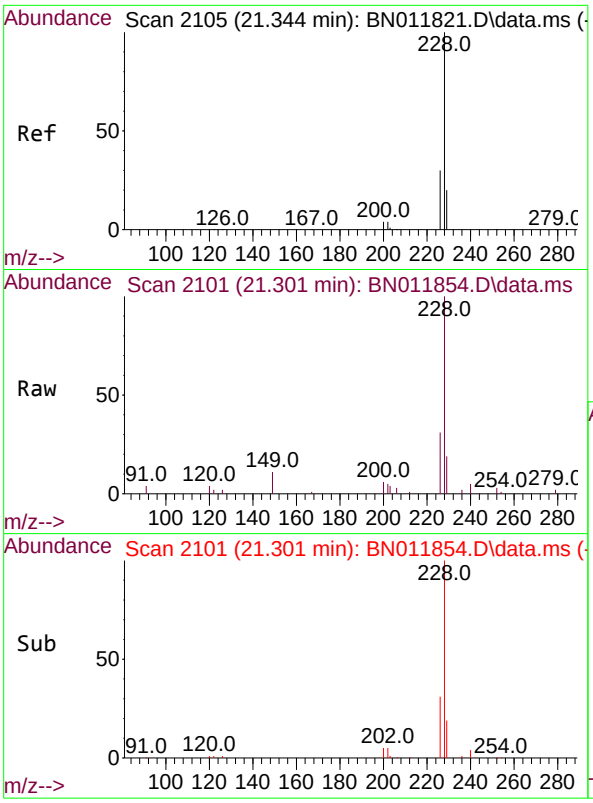




#32
Benzo(a)anthracene
Concen: 0.38 ng
RT: 21.259 min Scan# 2097
Delta R.T. 0.011 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:228 Resp: 15971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.7 | 21.0 | 31.4 |
| 229 | 20.5 | 16.0 | 24.0 |

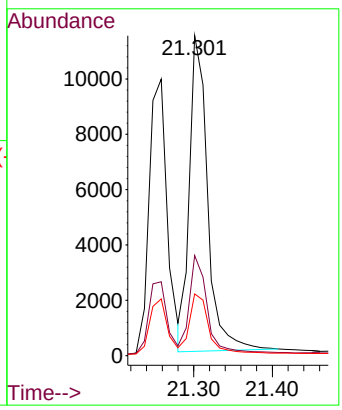




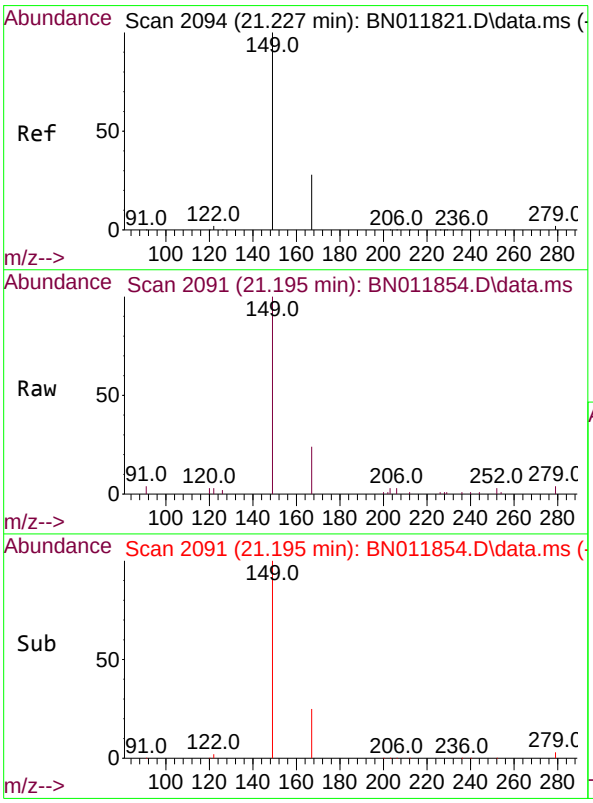

#33
Chrysene
Concen: 0.43 ng
RT: 21.301 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:228 Resp: 18301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.3 | 23.3 | 34.9 |
| 229 | 19.3 | 15.8 | 23.8 |



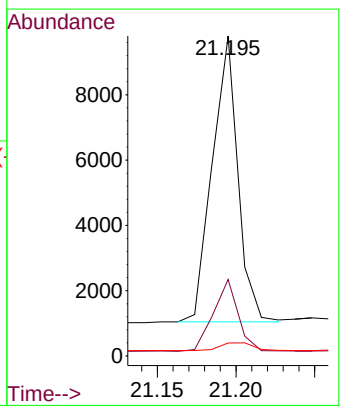

**Instrument :**
BNA_N
**ClientSampleId :**
PB131586BS



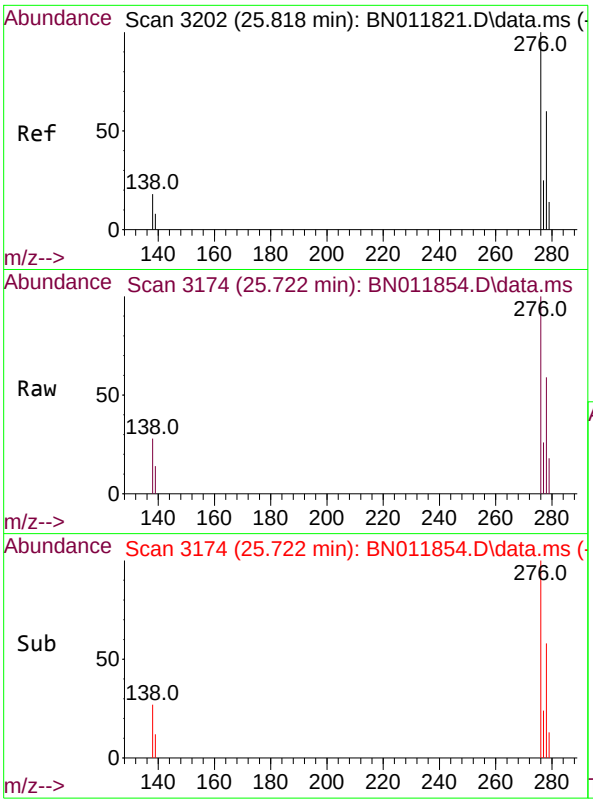

#34
Bis(2-ethylhexyl)phthalate
Concen: 0.46 ng
RT: 21.195 min Scan# 2091
Delta R.T. 0.011 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:149 Resp: 9898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 24.5 | 23.6 | 35.4 |
| 279 | 3.7 | 4.0 | 6.0# |



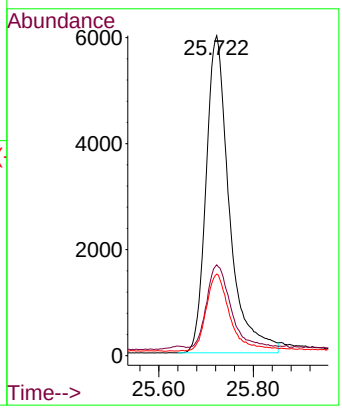
**Instrument :**
BNA_N
**ClientSampleId :**
PB131586BS

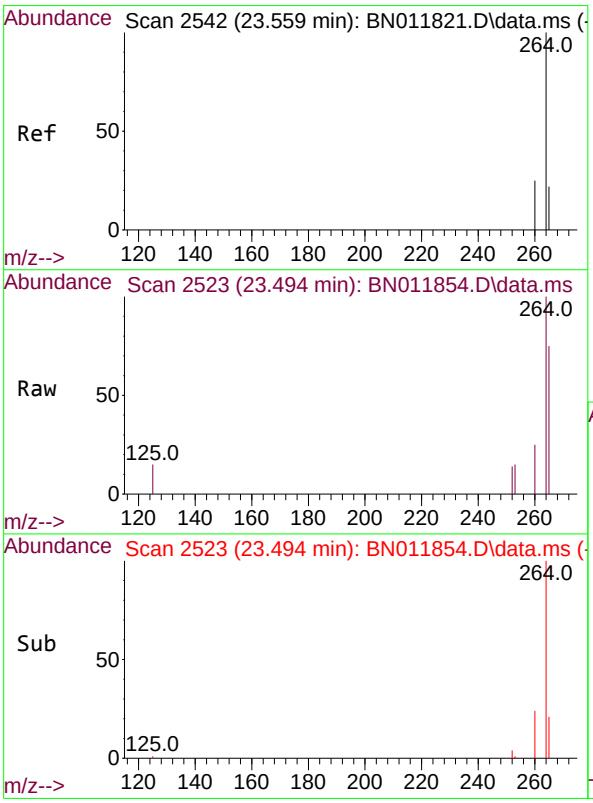



#35
Indeno(1,2,3-cd)pyrene
Concen: 0.38 ng
RT: 25.722 min Scan# 3174
Delta R.T. 0.003 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:276 Resp: 20489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 27.0 | 13.0 | 19.4# |
| 277 | 24.7 | 20.0 | 30.0 |

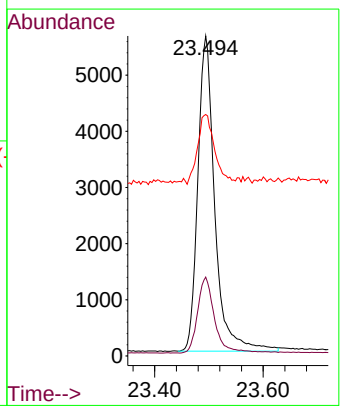


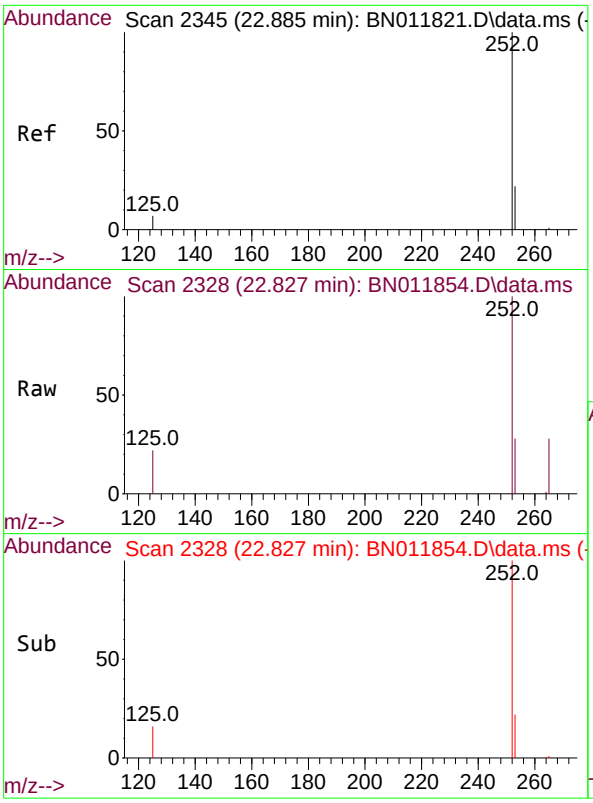

#36
Perylene-d12
Concen: 0.40 ng
RT: 23.494 min Scan# 2523
Delta R.T. 0.003 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:264 Resp: 12171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.7 | 19.6 | 29.4 |
| 265 | 75.5 | 38.6 | 58.0# |



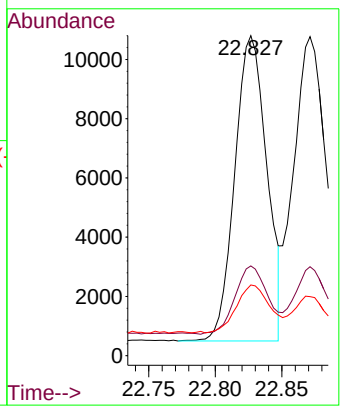
**Instrument :**
BNA_N
**ClientSampleId :**
PB131586BS

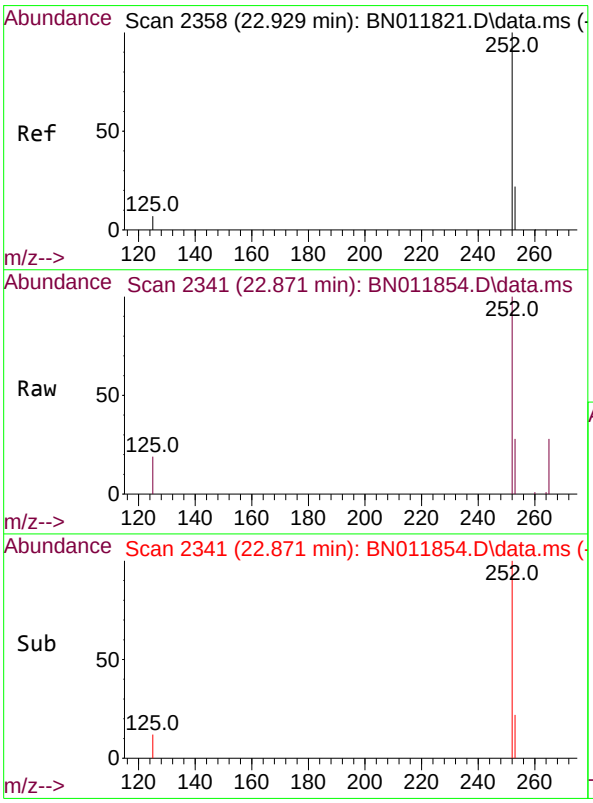



#37
Benzo(b)fluoranthene
Concen: 0.38 ng
RT: 22.827 min Scan# 2328
Delta R.T. 0.003 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:252 Resp: 17216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 28.0 | 19.1 | 28.7 |
| 125 | 22.1 | 6.2 | 9.2# |

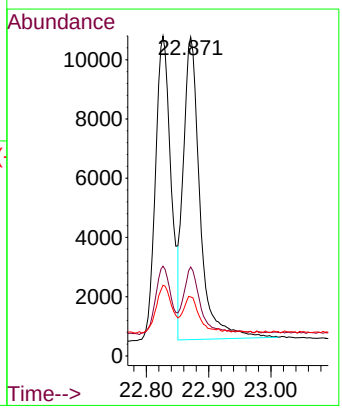


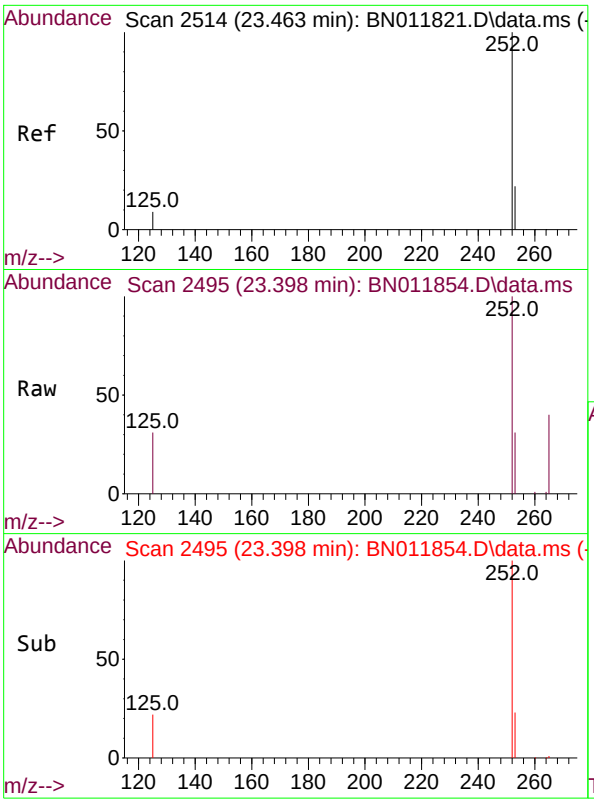




#38
Benzo(k)fluoranthene
Concen: 0.40 ng
RT: 22.871 min Scan# 2341
Delta R.T. 0.003 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:252 Resp: 18943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 27.9 | 19.3 | 28.9 |
| 125 | 18.5 | 6.0 | 9.0# |

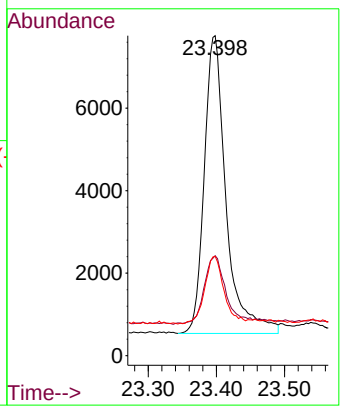




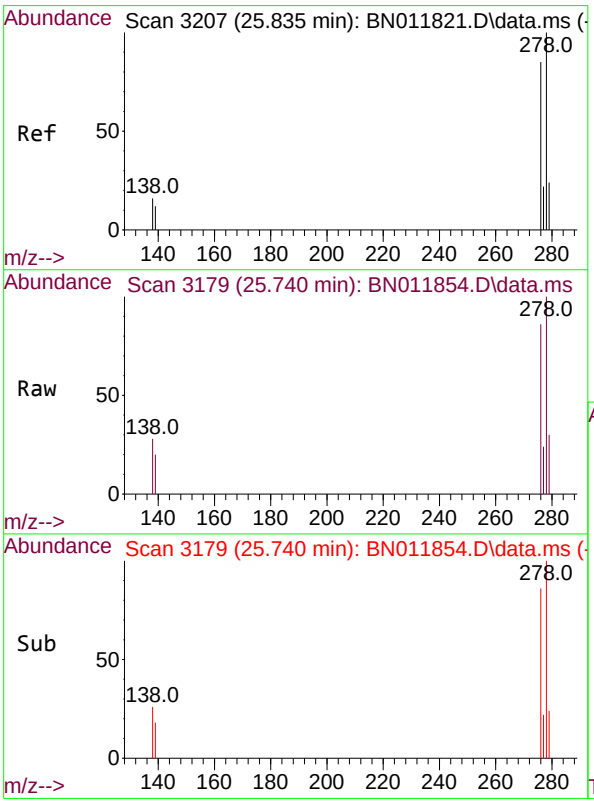

#39
Benzo(a)pyrene
Concen: 0.40 ng
RT: 23.398 min Scan# 2495
Delta R.T. 0.007 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:252 Resp: 16113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 31.3 | 19.8 | 29.6# |
| 125 | 31.1 | 7.3 | 10.9# |



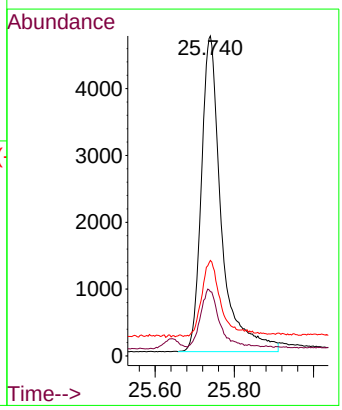

**Instrument :**
BNA_N
**ClientSampleId :**
PB131586BS

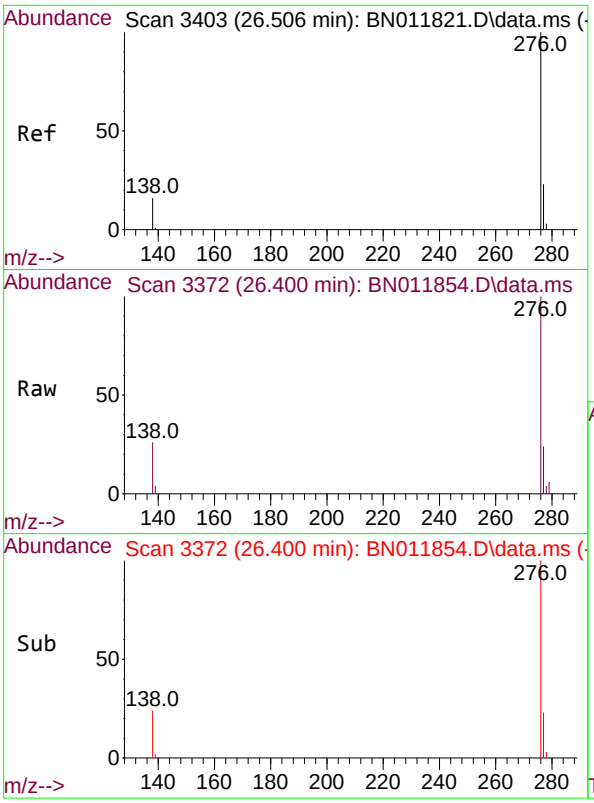



#40
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 25.740 min Scan# 3179
Delta R.T. 0.007 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:278 Resp: 16596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 20.1 | 8.6 | 13.0# |
| 279 | 29.8 | 19.8 | 29.8# |

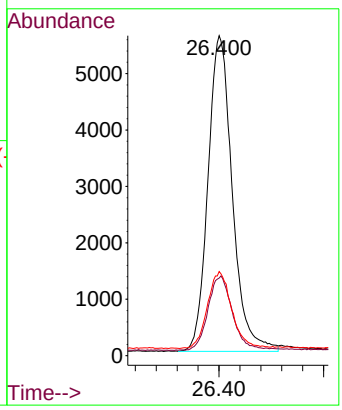





#41
Benzo(g,h,i)perylene
Concen: 0.38 ng
RT: 26.400 min Scan# 3372
Delta R.T. 0.007 min
Lab File: BN011854.D
Acq: 22 Sep 2020 16:06

Tgt Ion:276 Resp: 18092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.3 | 19.4 | 29.0 |
| 138 | 26.3 | 11.3 | 16.9# |




**Instrument :**
BNA_N
**ClientSampleId :**
PB131586BS