Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110420\
Data File : BP003801.D
Acq On : 04 Nov 2020 11:08
Operator : CG/JU
Sample : PB132782BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** PB132782BS

Quant Time: Nov 05 14:52:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 05 14:31:45 2020
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.293 | 152 | 176920 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.128 | 136 | 675909 | 20.00 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 14.910 | 164 | 400990 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.633 | 188 | 799472 | 20.00 | ng | # | 0.00 |
| 76) Chrysene-d12 | 21.651 | 240 | 717642 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 24.110 | 264 | 700596 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.816 | 112 | 1452096 | 136.98 | ng | | 0.00 |
| 7) Phenol-d6 | 7.463 | 99 | 1834621 | 120.56 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.457 | 82 | 1130994 | 81.95 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.386 | 330 | 645968 | 128.80 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.540 | 172 | 2393976 | 83.46 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.122 | 244 | 3087991 | 83.13 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.511 | 88 | 151172 | 33.06 | ng | # | 61 |
| 3) Pyridine | 3.946 | 79 | 458995 | 34.22 | ng | # | 61 |
| 4) n-Nitrosodimethylamine | 3.846 | 42 | 256438 | 41.53 | ng | # | 57 |
| 6) Aniline | 7.599 | 93 | 575545 | 33.31 | ng | # | 83 |
| 8) 2-Chlorophenol | 7.863 | 128 | 505218 | 44.89 | ng | # | 80 |
| 9) Benzaldehyde | 7.393 | 77 | 128547 | 15.47 | ng | # | 79 |
| 10) Phenol | 7.487 | 94 | 654150 | 44.55 | ng | | 82 |
| 11) bis(2-Chloroethyl)ether | 7.687 | 93 | 506912 | 42.95 | ng | # | 80 |
| 12) 1,3-Dichlorobenzene | 8.193 | 146 | 568031 | 41.18 | ng | # | 95 |
| 13) 1,4-Dichlorobenzene | 8.328 | 146 | 577557 | 41.53 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 8.663 | 146 | 550196 | 41.42 | ng | | 97 |
| 15) Benzyl Alcohol | 8.528 | 79 | 465299 | 44.15 | ng | | 89 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.828 | 45 | 782591 | 39.37 | ng | | 81 |
| 17) 2-Methylphenol | 8.752 | 107 | 426240 | 44.21 | ng | # | 93 |
| 18) Hexachloroethane | 9.410 | 117 | 208778 | 42.25 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 9.099 | 70 | 383066 | 42.12 | ng | # | 76 |
| 20) 3+4-Methylphenols | 9.081 | 107 | 566335 | 44.01 | ng | | 93 |
| 22) Acetophenone | 9.116 | 105 | 747995 | 41.23 | ng | # | 86 |
| 24) Nitrobenzene | 9.499 | 77 | 580680 | 42.34 | ng | # | 80 |
| 25) Isophorone | 10.022 | 82 | 1004176 | 42.84 | ng | # | 89 |
| 26) 2-Nitrophenol | 10.228 | 139 | 255337 | 47.68 | ng | # | 76 |
| 27) 2,4-Dimethylphenol | 10.287 | 122 | 453104 | 50.72 | ng | | 90 |
| 28) bis(2-Chloroethoxy)met... | 10.498 | 93 | 640299 | 39.81 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 10.775 | 162 | 471954 | 43.84 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 10.993 | 180 | 528457 | 40.30 | ng | | 99 |
| 31) Naphthalene | 11.175 | 128 | 1497413 | 41.28 | ng | | 100 |
| 32) Benzoic acid | 10.440 | 122 | 230288 | 38.67 | ng | # | 75 |
| 33) 4-Chloroaniline | 11.263 | 127 | 344357 | 22.34 | ng | # | 89 |
| 34) Hexachlorobutadiene | 11.493 | 225 | 335484 | 39.22 | ng | | 99 |
| 35) Caprolactam | 11.998 | 113 | 139698 | 41.97 | ng | # | 15 |
| 36) 4-Chloro-3-methylphenol | 12.387 | 107 | 497674 | 42.83 | ng | | 89 |
| 37) 2-Methylnaphthalene | 12.757 | 142 | 1071706 | 41.29 | ng | | 97 |
| 38) 1-Methylnaphthalene | 12.975 | 142 | 983971 | 39.74 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 13.134 | 216 | 569431 | 42.91 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 13.134 | 237 | 785350 | 117.30 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 13.357 | 196 | 364124 | 44.38 | ng | | 100 |

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Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** PB132782BS

Quant Time: Nov 05 14:52:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 05 14:31:45 2020
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.434 | 196 | 392289 | 45.41 | ng | # | 95 |
| 46) 1,1'-Biphenyl | 13.745 | 154 | 1315757 | 42.27 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.792 | 162 | 1034558 | 40.51 | ng | | 98 |
| 48) 2-Nitroaniline | 13.969 | 65 | 317927 | 41.72 | ng | # | 59 |
| 49) Acenaphthylene | 14.634 | 152 | 1579176 | 42.11 | ng | | 100 |
| 50) Dimethylphthalate | 14.339 | 163 | 1258265 | 40.14 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.451 | 165 | 279771 | 43.50 | ng | # | 74 |
| 52) Acenaphthene | 14.975 | 154 | 1111800 | 44.50 | ng | | 90 |
| 53) 3-Nitroaniline | 14.781 | 138 | 199023 | 27.96 | ng | # | 72 |
| 54) 2,4-Dinitrophenol | 14.986 | 184 | 267096 | 75.81 | ng | # | 1 |
| 55) Dibenzofuran | 15.298 | 168 | 1531862 | 41.27 | ng | | 99 |
| 56) 4-Nitrophenol | 15.098 | 139 | 458930 | 89.44 | ng | # | 64 |
| 57) 2,4-Dinitrotoluene | 15.239 | 165 | 383532 | 44.42 | ng | # | 77 |
| 58) Fluorene | 15.945 | 166 | 1219596 | 41.03 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.534 | 232 | 340989 | 43.79 | ng | | 97 |
| 60) Diethylphthalate | 15.692 | 149 | 1257628 | 40.98 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.922 | 204 | 652997 | 40.20 | ng | | 98 |
| 62) 4-Nitroaniline | 15.939 | 138 | 277763 | 37.43 | ng | | 87 |
| 63) Azobenzene | 16.216 | 77 | 1197289 | 41.32 | ng | | 85 |
| 65) 4,6-Dinitro-2-methylph... | 16.010 | 198 | 201114 | 46.89 | ng | | 82 |
| 66) n-Nitrosodiphenylamine | 16.133 | 169 | 1083276 | 44.26 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.810 | 248 | 398159 | 42.56 | ng | | 96 |
| 68) Hexachlorobenzene | 16.975 | 284 | 442533 | 41.46 | ng | | 98 |
| 69) Atrazine | 17.063 | 200 | 319992 | 39.83 | ng | | 98 |
| 70) Pentachlorophenol | 17.298 | 266 | 500262 | 97.98 | ng | | 99 |
| 71) Phenanthrene | 17.675 | 178 | 1885184 | 42.01 | ng | | 99 |
| 72) Anthracene | 17.763 | 178 | 1926232 | 44.45 | ng | | 99 |
| 73) Carbazole | 18.016 | 167 | 1713539 | 42.62 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.533 | 149 | 2024929 | 43.51 | ng | | 99 |
| 75) Fluoranthene | 19.598 | 202 | 2163193 | 41.78 | ng | | 98 |
| 77) Benzidine | 19.745 | 184 | 811434 | 47.94 | ng | | 99 |
| 78) Pyrene | 19.951 | 202 | 2207020 | 45.32 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.769 | 149 | 841637 | 46.38 | ng | # | 86 |
| 81) Benzo(a)anthracene | 21.633 | 228 | 2019679 | 42.68 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.545 | 252 | 454566 | 27.85 | ng | | 98 |
| 83) Chrysene | 21.686 | 228 | 1953314 | 42.96 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.516 | 149 | 1229171 | 45.95 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.439 | 149 | 2042574 | 45.84 | ng | # | 86 |
| 87) Indeno(1,2,3-cd)pyrene | 26.651 | 276 | 2093407 | 41.42 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 23.363 | 252 | 2040473 | 44.51 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 23.410 | 252 | 1858703 | 41.06 | ng | | 99 |
| 90) Benzo(a)pyrene | 23.998 | 252 | 1741746 | 41.04 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 26.645 | 278 | 1770632 | 42.03 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 27.433 | 276 | 1745127 | 42.80 | ng | | 97 |

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

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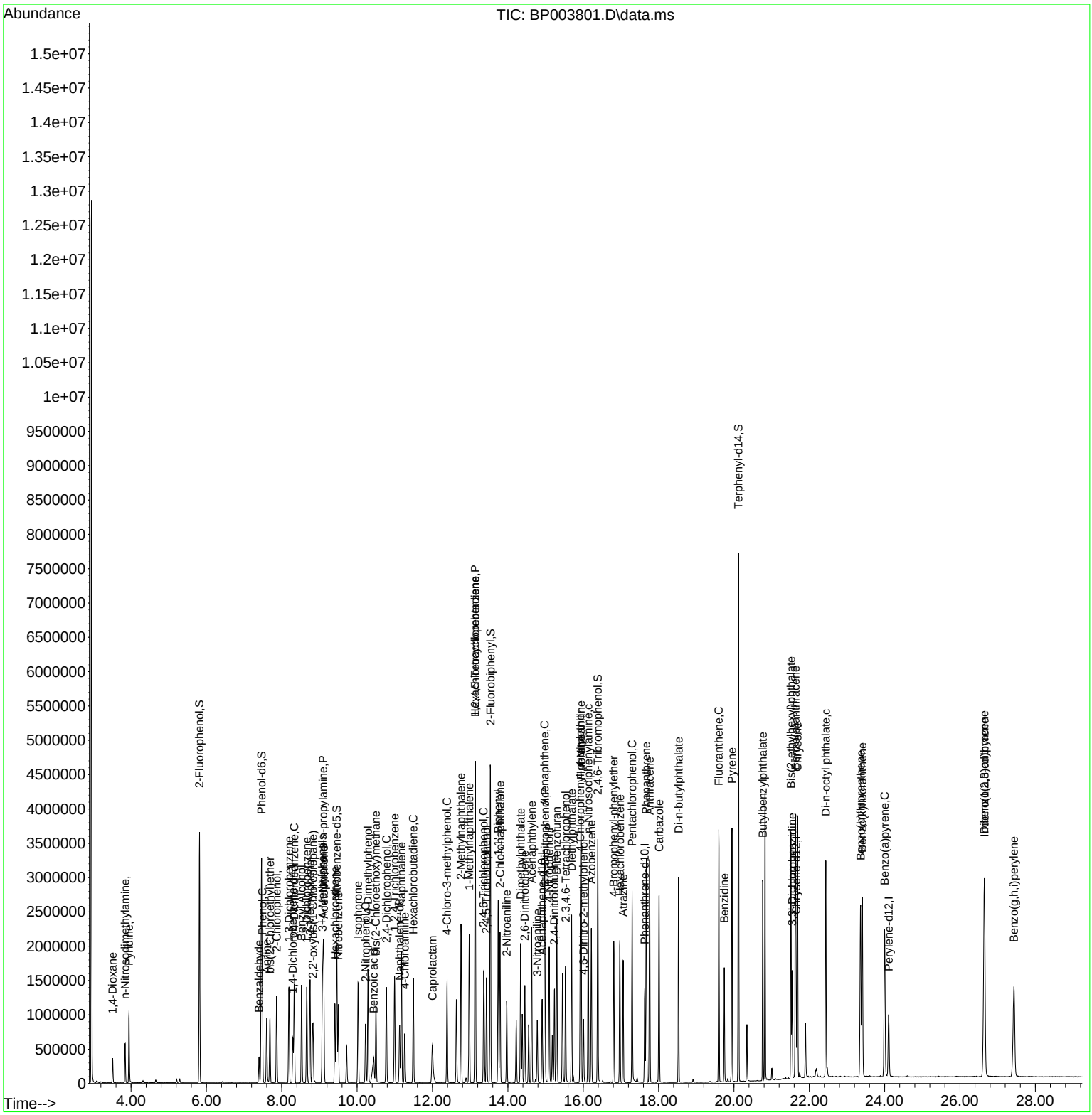
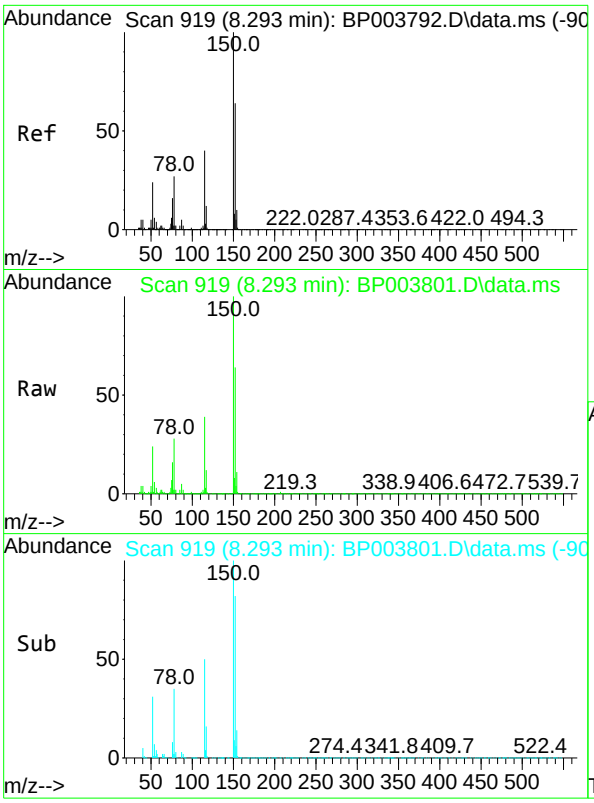
Operator : CG/JU
Sample : PB132782BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

Quant Time: Nov 05 14:52:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 05 14:31:45 2020
Response via : Initial Calibration



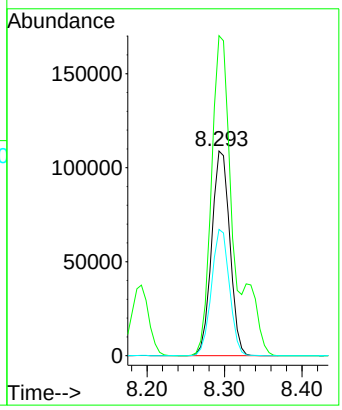
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

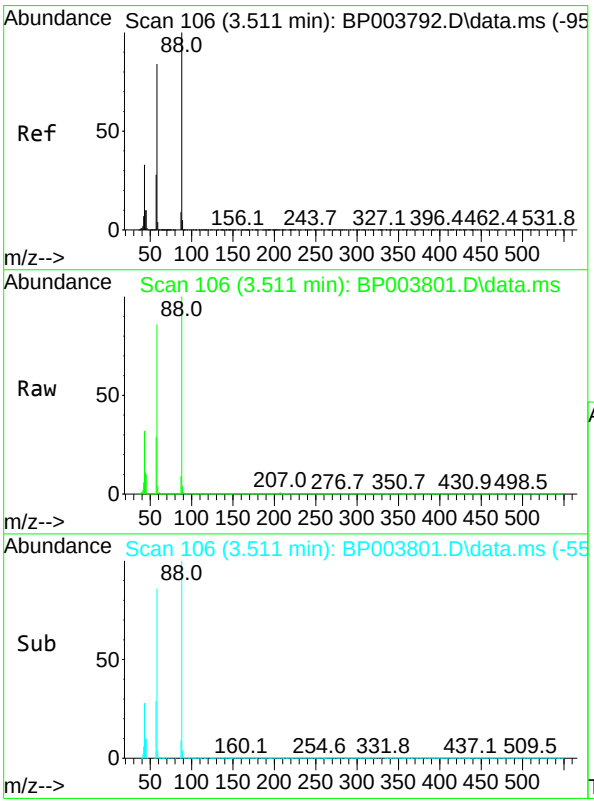



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.293 min Scan# 919
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:152 Resp: 176920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.4 | 123.8 | 185.6 |
| 115 | 61.7 | 43.8 | 65.6 |

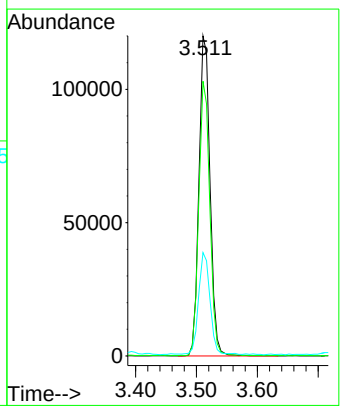


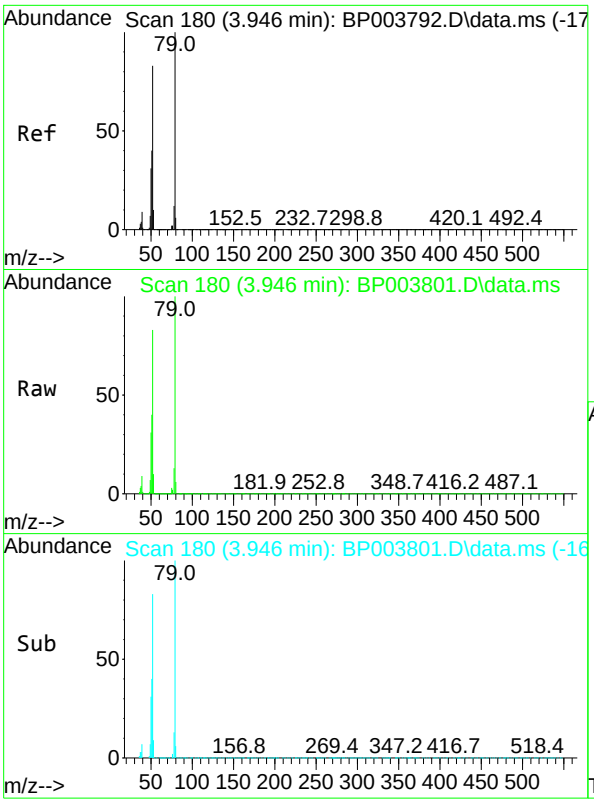

#2
1,4-Dioxane
Concen: 33.06 ng
RT: 3.511 min Scan# 106
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion: 88 Resp: 151172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 85.6 | 44.2 | 66.4# |
| 43 | 32.5 | 15.2 | 22.8# |



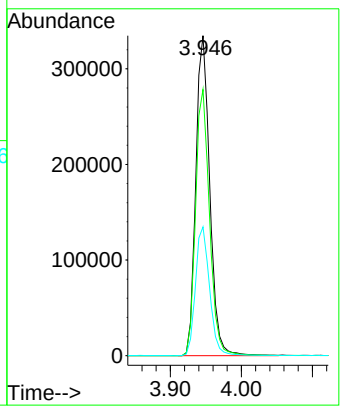
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

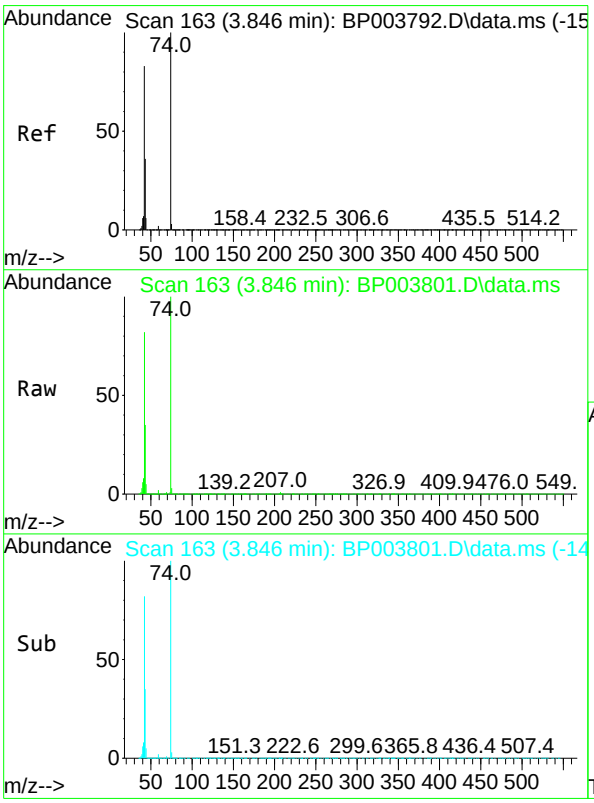



#3
Pyridine
Concen: 34.22 ng
RT: 3.946 min Scan# 180
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion: 79 Resp: 458995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 83.2 | 41.3 | 61.9# |
| 51 | 40.3 | 21.2 | 31.8# |

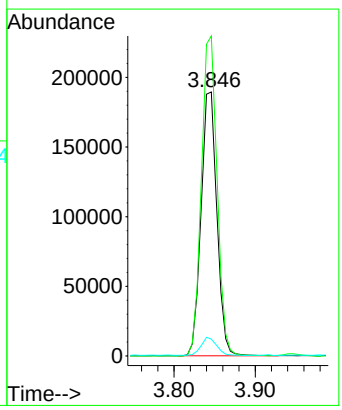


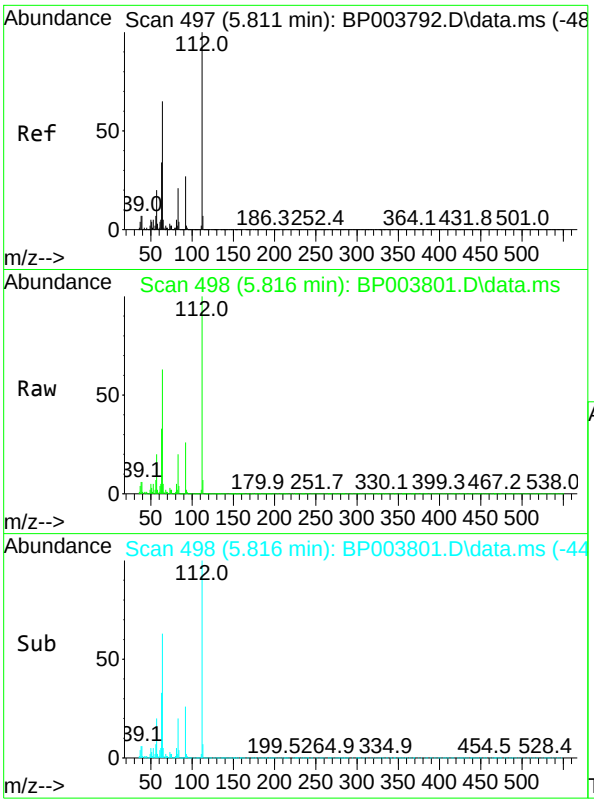

#4
n-Nitrosodimethylamine
Concen: 41.53 ng
RT: 3.846 min Scan# 163
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion: 42 Resp: 256438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 121.2 | 148.6 | 223.0# |
| 44 | 6.4 | 5.3 | 7.9 |



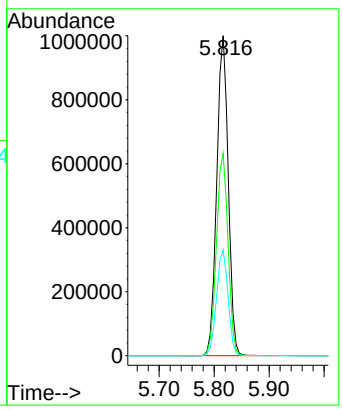
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

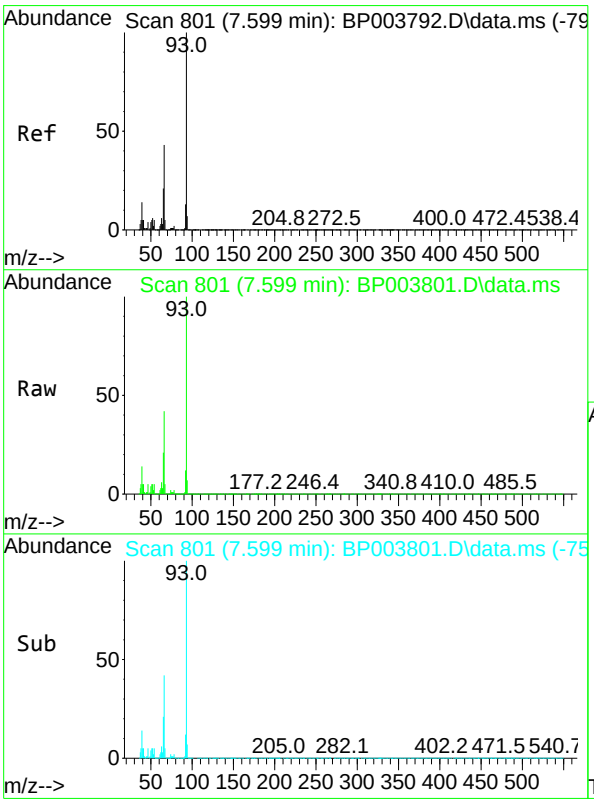



#5
2-Fluorophenol
Concen: 136.98 ng
RT: 5.816 min Scan# 498
Delta R.T. 0.005 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:112 Resp: 1452096

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 63.2 | 32.8 | 49.2# |
| 63 | 33.0 | 17.0 | 25.4# |

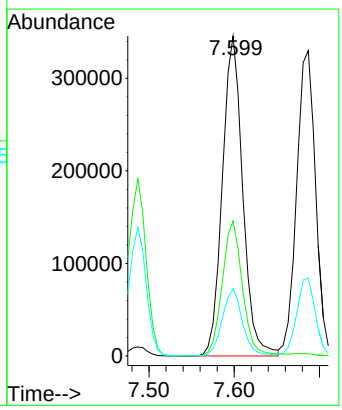



#6
Aniline
Concen: 33.31 ng
RT: 7.599 min Scan# 801
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion: 93 Resp: 575545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 42.2 | 25.4 | 38.0# |
| 65 | 21.0 | 12.5 | 18.7# |



**Instrument :**
BNA_P
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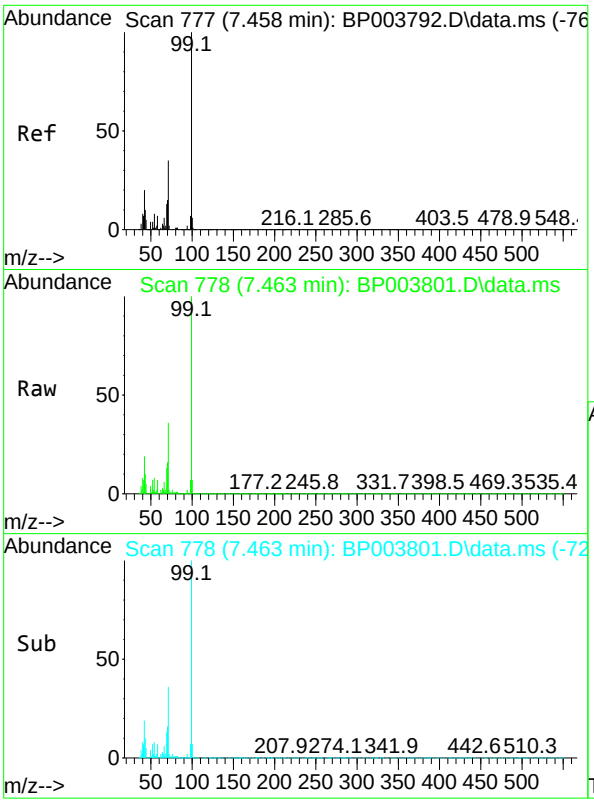
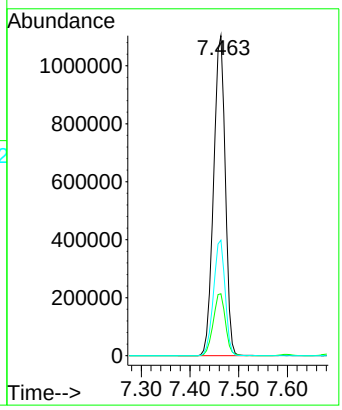
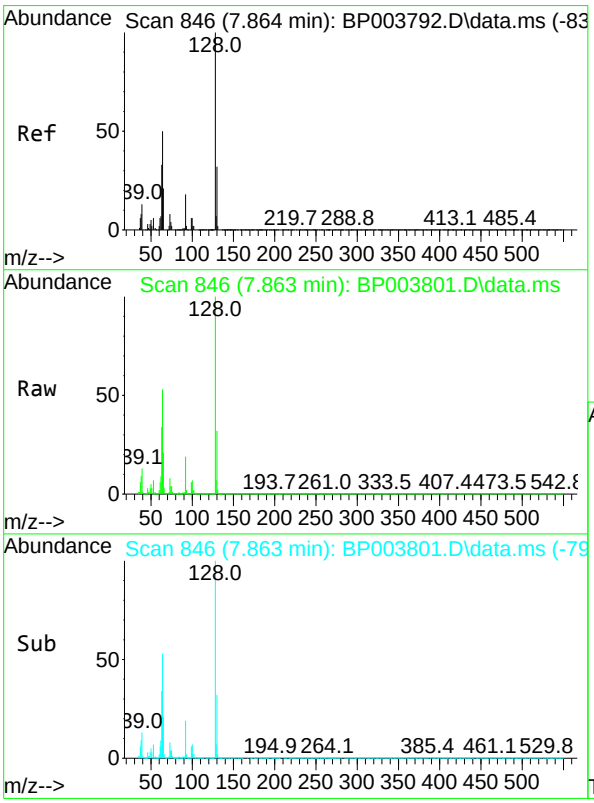



#7
Phenol-d6
Concen: 120.56 ng
RT: 7.463 min Scan# 778
Delta R.T. 0.005 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion: 99 Resp: 1834621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.4 | 8.6 | 13.0# |
| 71 | 36.1 | 23.4 | 35.2# |

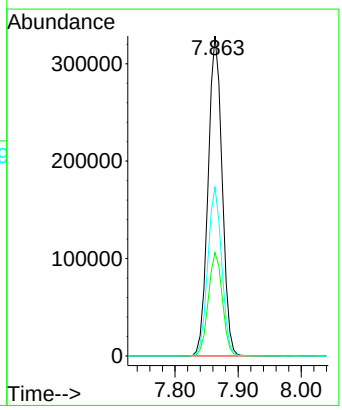


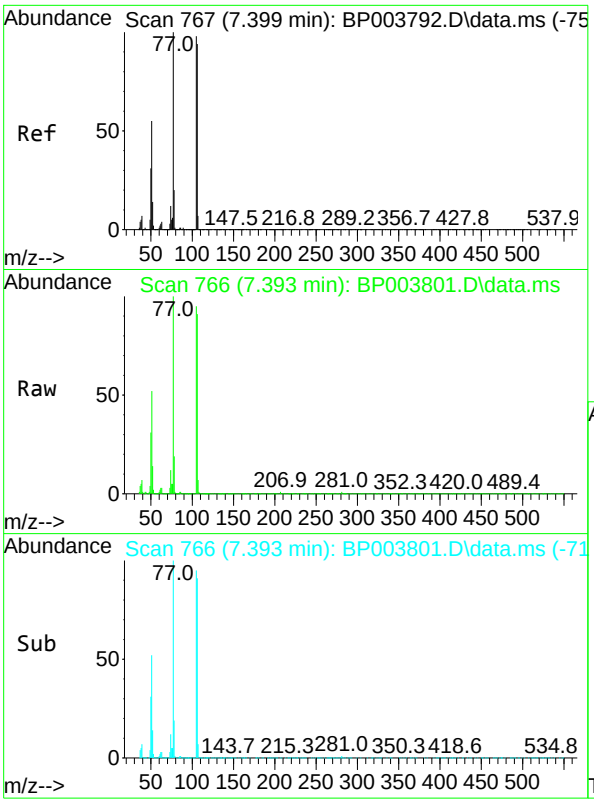

#8
2-Chlorophenol
Concen: 44.89 ng
RT: 7.863 min Scan# 846
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:128 Resp: 505218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.3 | 13.0 | 53.0 |
| 64 | 52.7 | 10.4 | 50.4# |



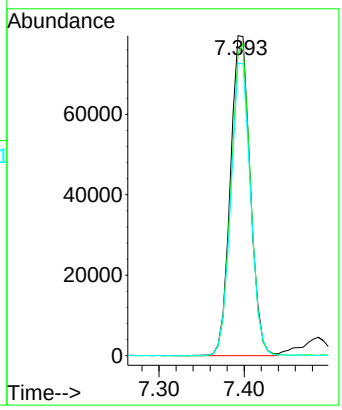
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

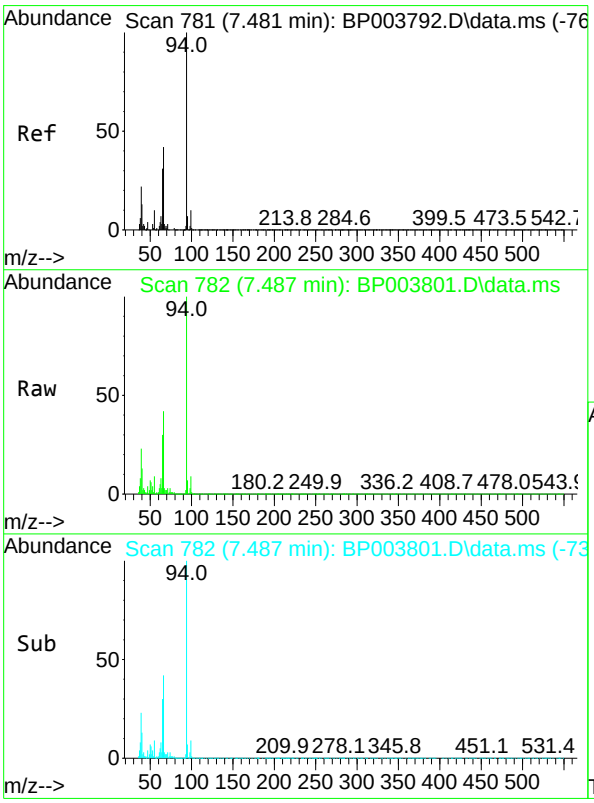



#9
Benzaldehyde
Concen: 15.47 ng
RT: 7.393 min Scan# 766
Delta R.T. -0.006 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion: 77 Resp: 128547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 94.5 | 97.1 | 137.1# |
| 106 | 91.4 | 93.7 | 133.7# |

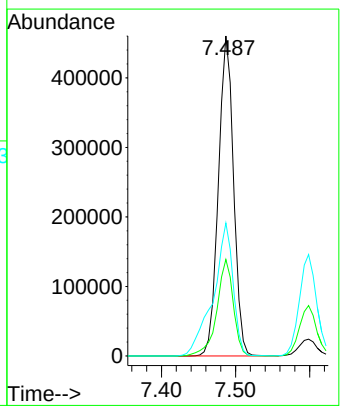



#10
Phenol
Concen: 44.55 ng
RT: 7.487 min Scan# 782
Delta R.T. 0.006 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion: 94 Resp: 654150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 30.1 | 2.3 | 42.3 |
| 66 | 41.6 | 10.9 | 50.9 |



**Instrument :**
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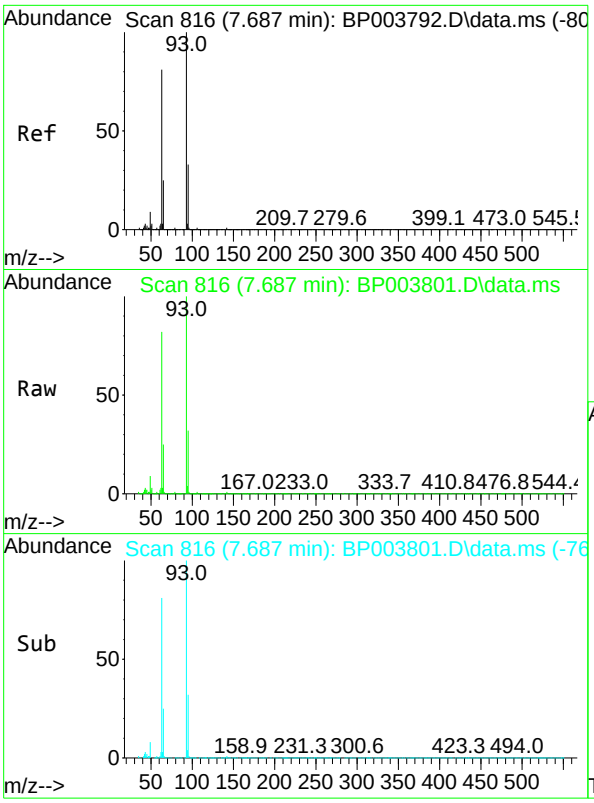
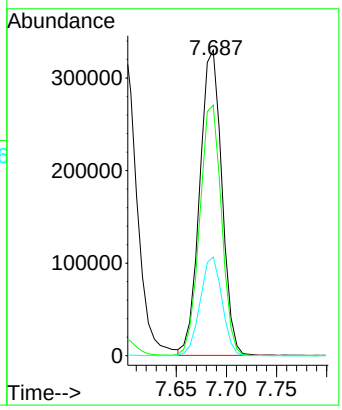
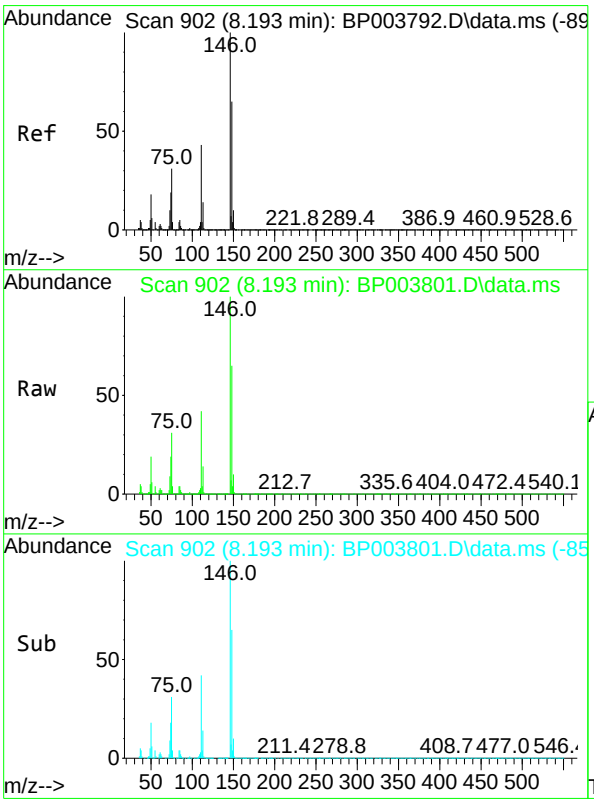



#11
bis(2-Chloroethyl)ether
Concen: 42.95 ng
RT: 7.687 min Scan# 816
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion: 93 Resp: 506912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 82.0 | 39.0 | 79.0# |
| 95 | 32.3 | 12.8 | 52.8 |

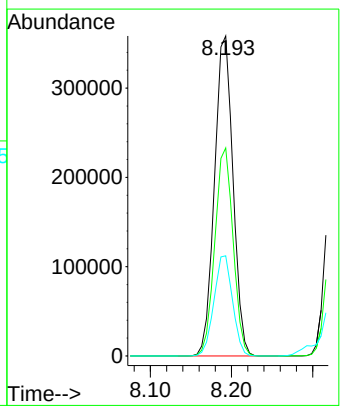


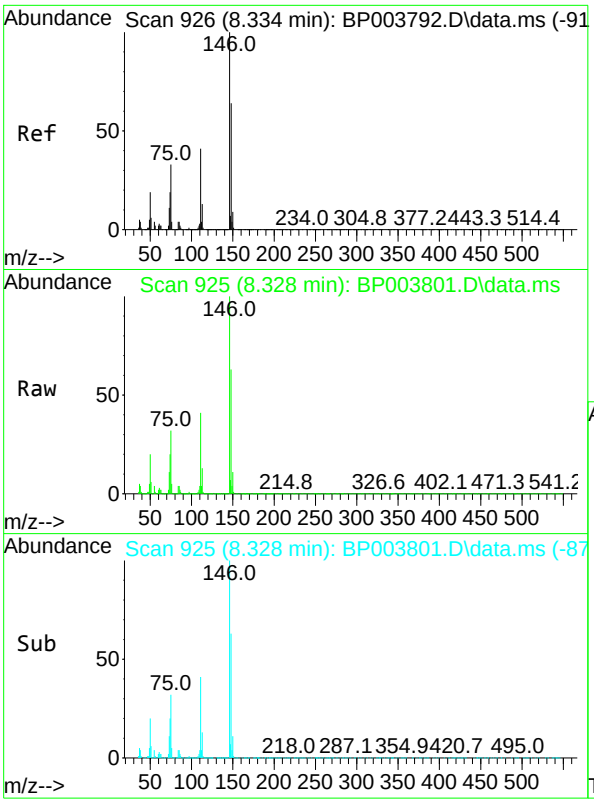

#12
1,3-Dichlorobenzene
Concen: 41.18 ng
RT: 8.193 min Scan# 902
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:146 Resp: 568031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.0 | 52.5 | 78.7 |
| 75 | 31.3 | 18.1 | 27.1# |



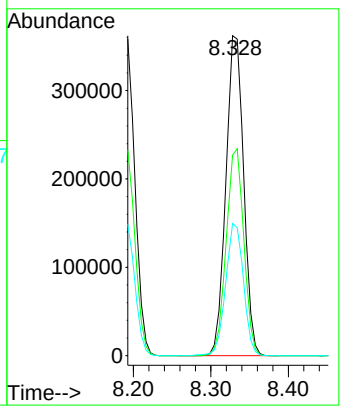
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

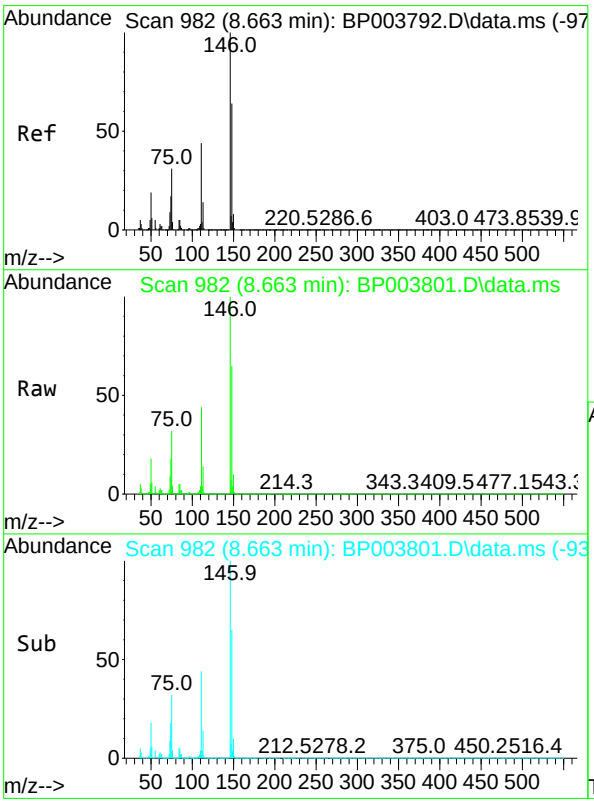



#13
1,4-Dichlorobenzene
Concen: 41.53 ng
RT: 8.328 min Scan# 925
Delta R.T. -0.006 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:146 Resp: 577557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.7 | 51.3 | 76.9 |
| 111 | 41.3 | 28.9 | 43.3 |

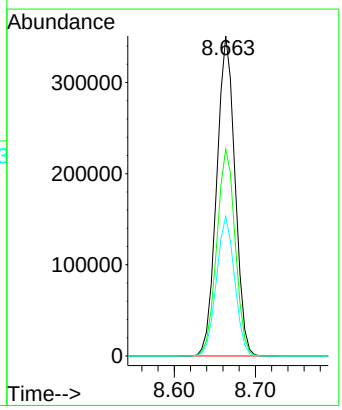


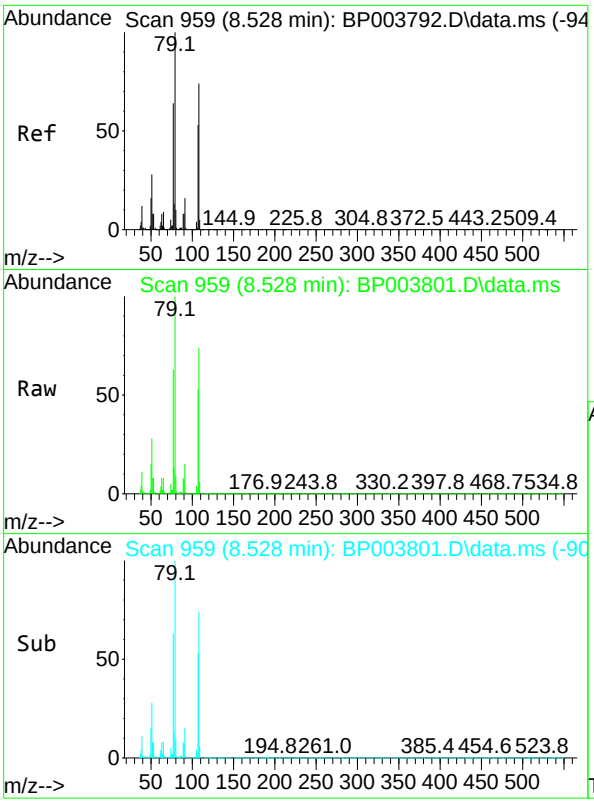

#14
1,2-Dichlorobenzene
Concen: 41.42 ng
RT: 8.663 min Scan# 982
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:146 Resp: 550196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.7 | 51.6 | 77.4 |
| 111 | 43.6 | 31.0 | 46.6 |



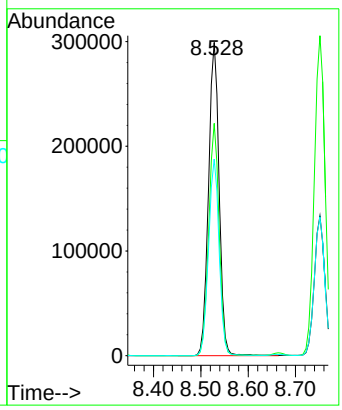
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

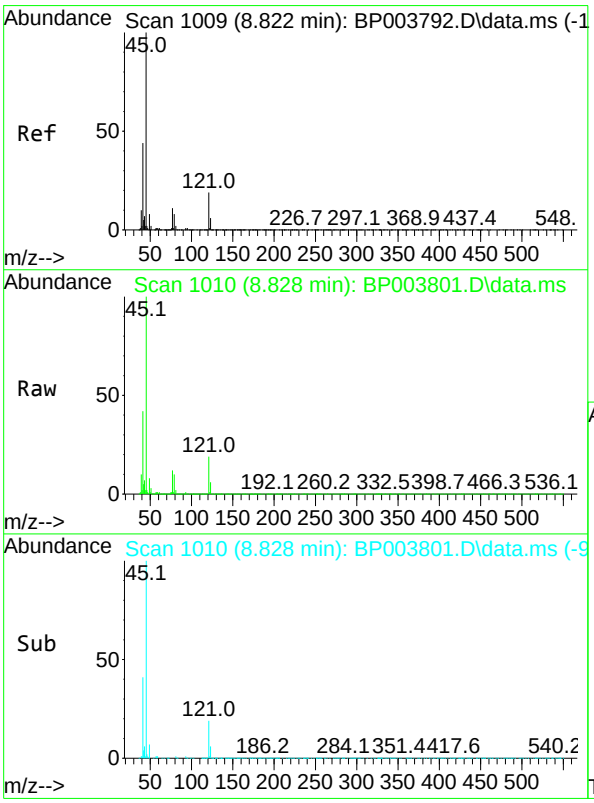



#15
Benzyl Alcohol
Concen: 44.15 ng
RT: 8.528 min Scan# 959
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion: 79 Resp: 465299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 74.1 | 73.5 | 110.3 |
| 77 | 62.7 | 50.3 | 75.5 |

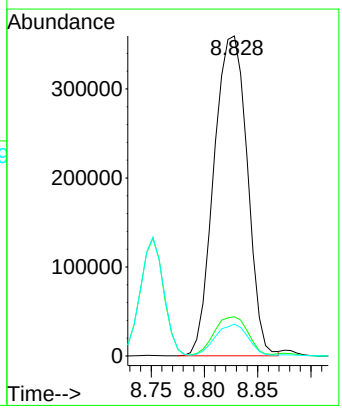


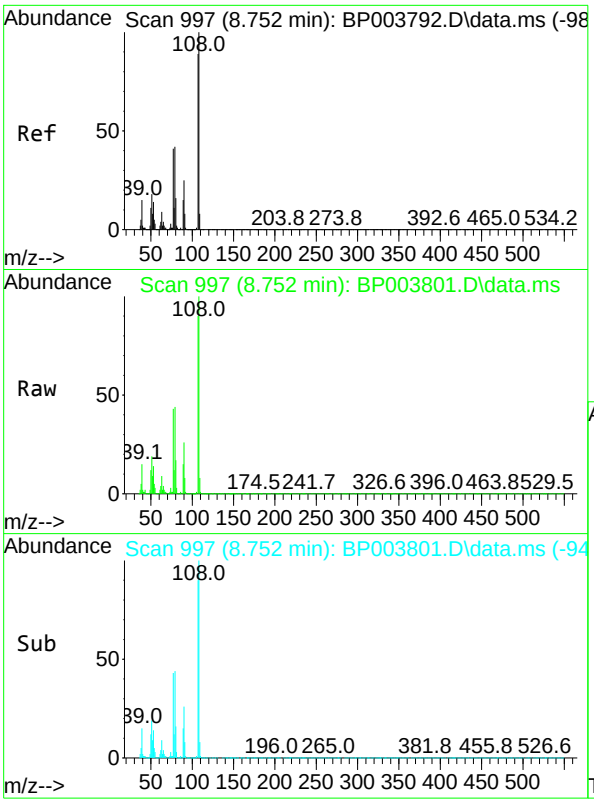

#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.37 ng
RT: 8.828 min Scan# 1010
Delta R.T. 0.006 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion: 45 Resp: 782591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 12.3 | 2.3 | 42.3 |
| 79 | 10.0 | 0.0 | 36.6 |



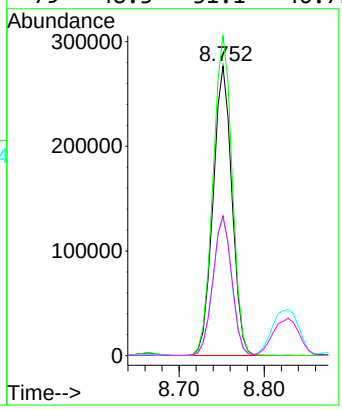
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

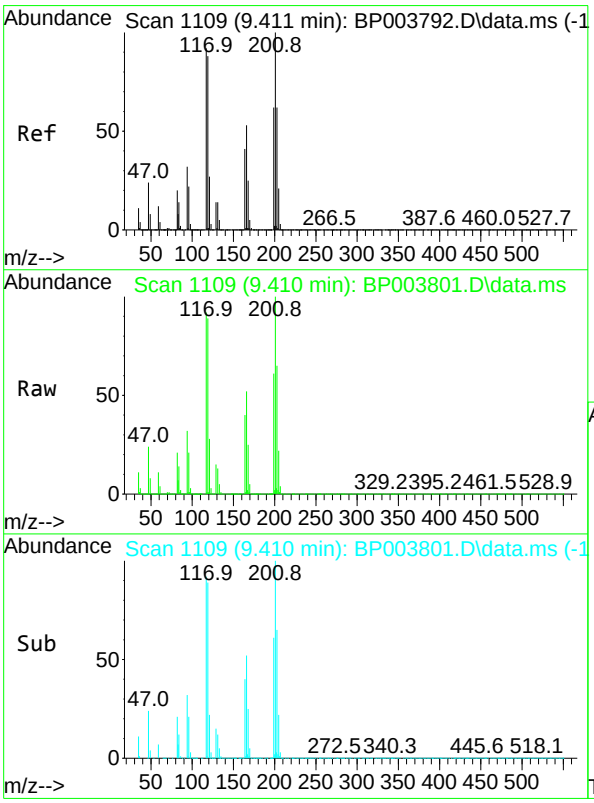



#17
2-Methylphenol
Concen: 44.21 ng
RT: 8.752 min Scan# 997
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:107 Resp: 426240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 110.6 | 89.6 | 134.4 |
| 77 | 47.8 | 31.8 | 47.6# |
| 79 | 48.3 | 31.1 | 46.7# |

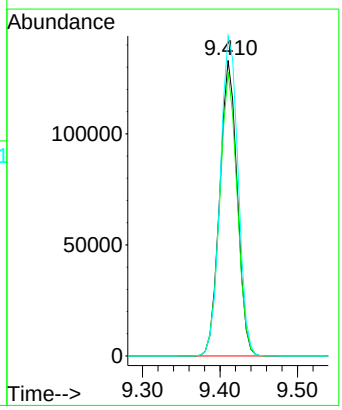


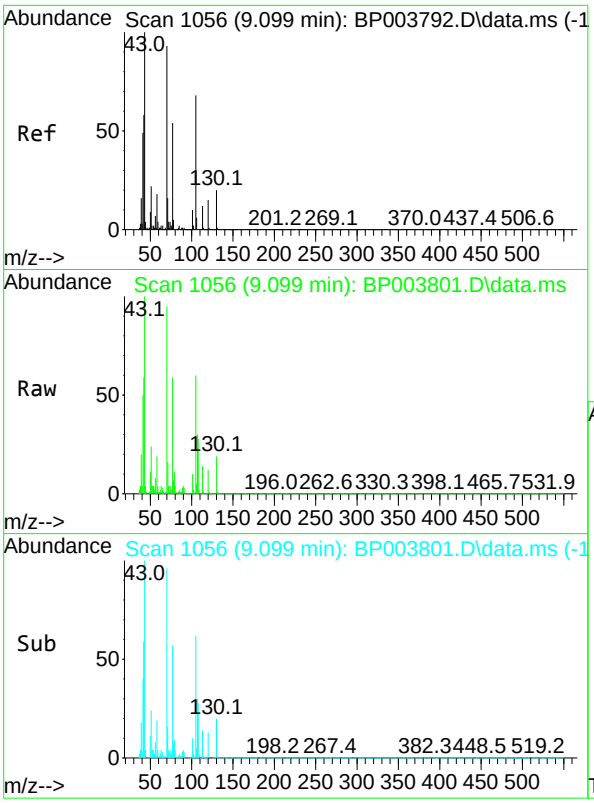

#18
Hexachloroethane
Concen: 42.25 ng
RT: 9.410 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:117 Resp: 208778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.0 | 78.8 | 118.2 |
| 201 | 108.3 | 92.3 | 138.5 |



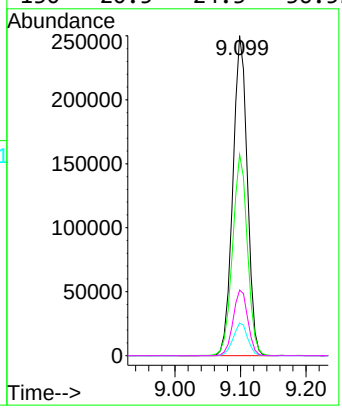
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

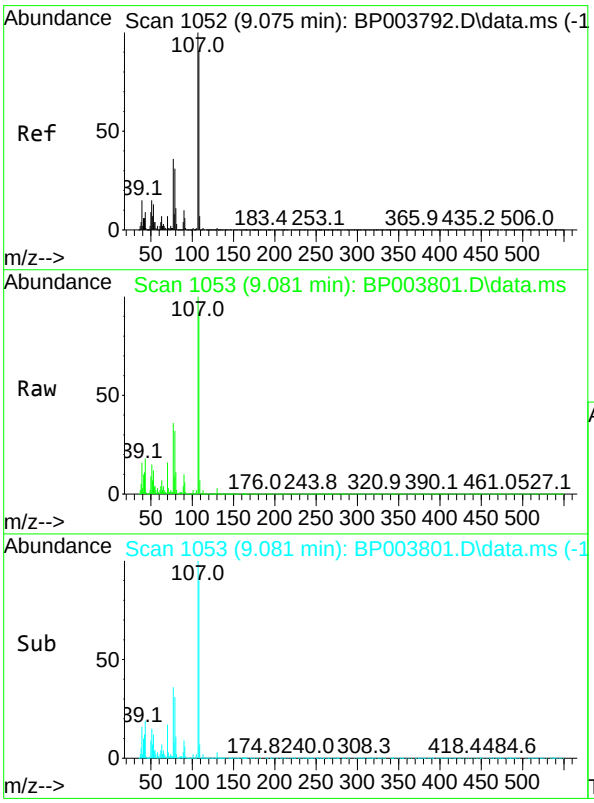



#19
n-Nitroso-di-n-propylamine
Concen: 42.12 ng
RT: 9.099 min Scan# 1056
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion: 70 Resp: 383066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 62.9 | 32.8 | 49.2# |
| 101 | 10.2 | 9.6 | 14.4 |
| 130 | 20.5 | 24.3 | 36.5# |

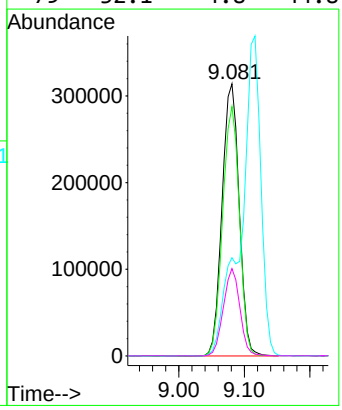


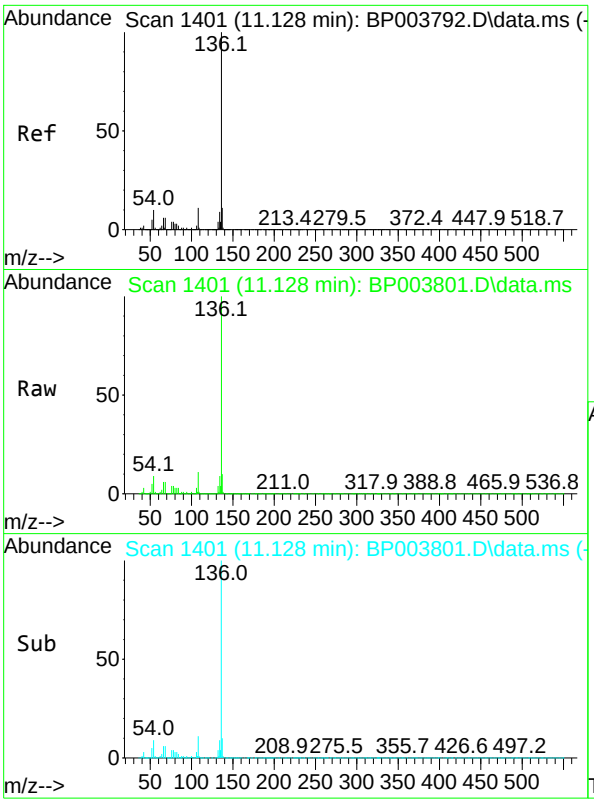

#20
3+4-Methylphenols
Concen: 44.01 ng
RT: 9.081 min Scan# 1053
Delta R.T. 0.006 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:107 Resp: 566335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 91.6 | 69.0 | 109.0 |
| 77 | 36.1 | 8.5 | 48.5 |
| 79 | 32.1 | 4.8 | 44.8 |



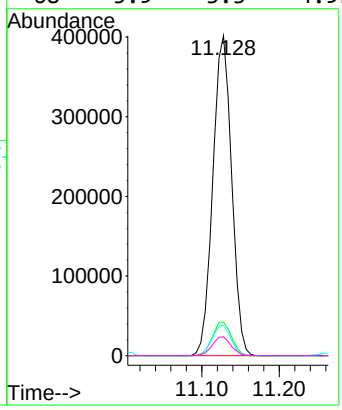
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

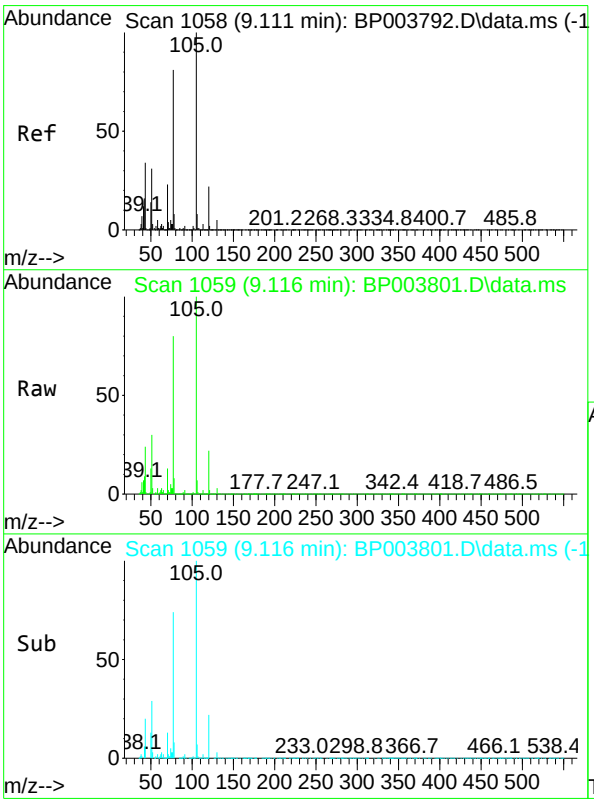



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.128 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:136 Resp: 675909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.5 | 8.6 | 13.0 |
| 54 | 9.4 | 3.6 | 5.4# |
| 68 | 5.9 | 3.3 | 4.9# |

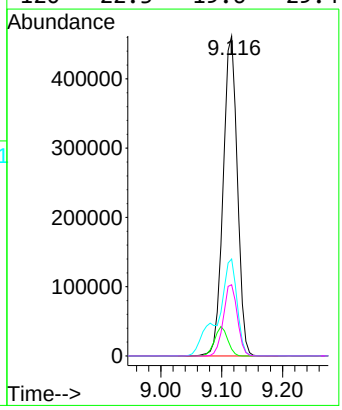


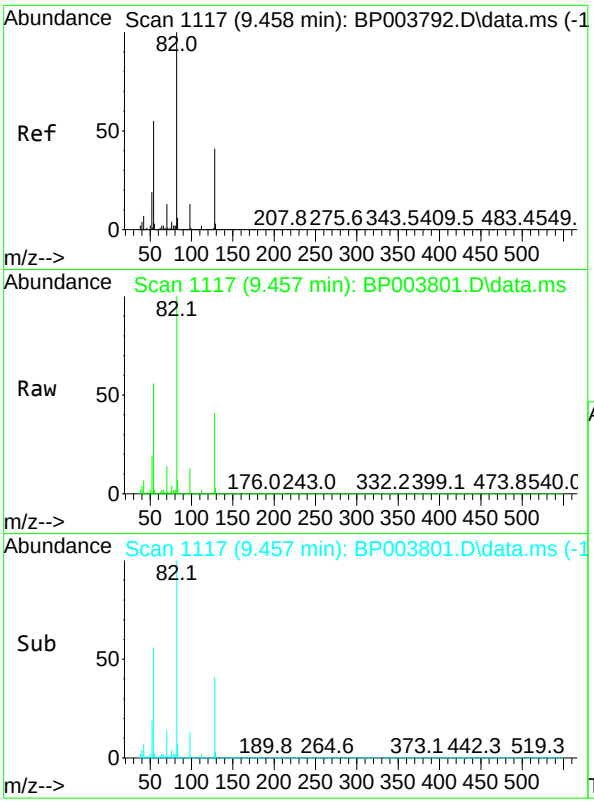




#22
Acetophenone
Concen: 41.23 ng
RT: 9.116 min Scan# 1059
Delta R.T. 0.006 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:105 Resp: 747995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 2.1 | 2.6 | 3.8# |
| 51 | 30.3 | 13.5 | 20.3# |
| 120 | 22.3 | 19.6 | 29.4 |

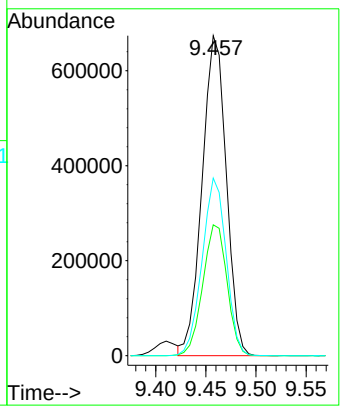




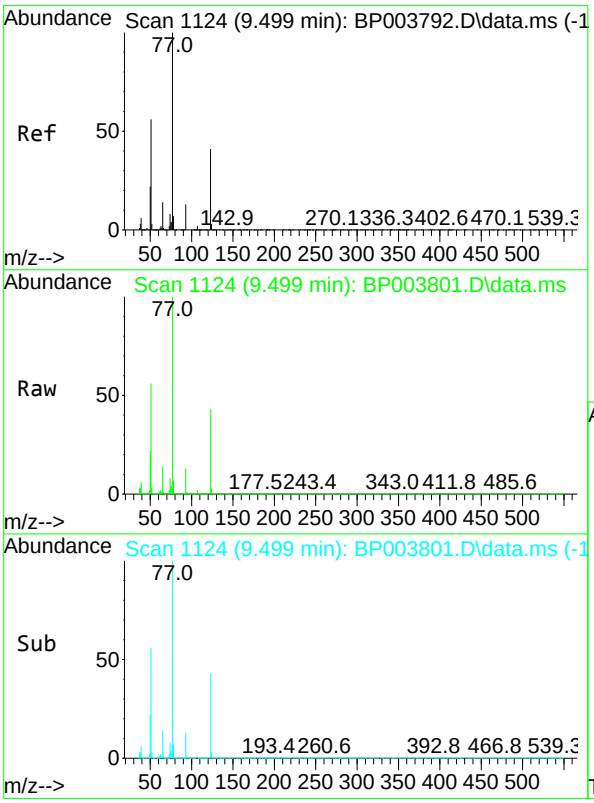

#23
Nitrobenzene-d5
Concen: 81.95 ng
RT: 9.457 min Scan# 1117
Delta R.T. -0.001 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion: 82 Resp: 1130994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 40.9 | 45.6 | 68.4# |
| 54 | 55.5 | 30.1 | 45.1# |



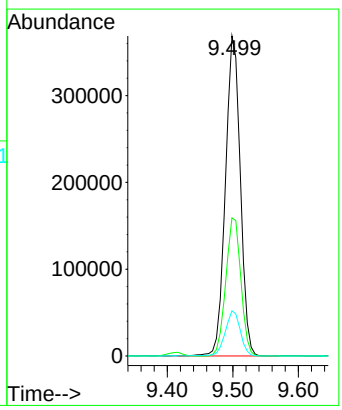

**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS



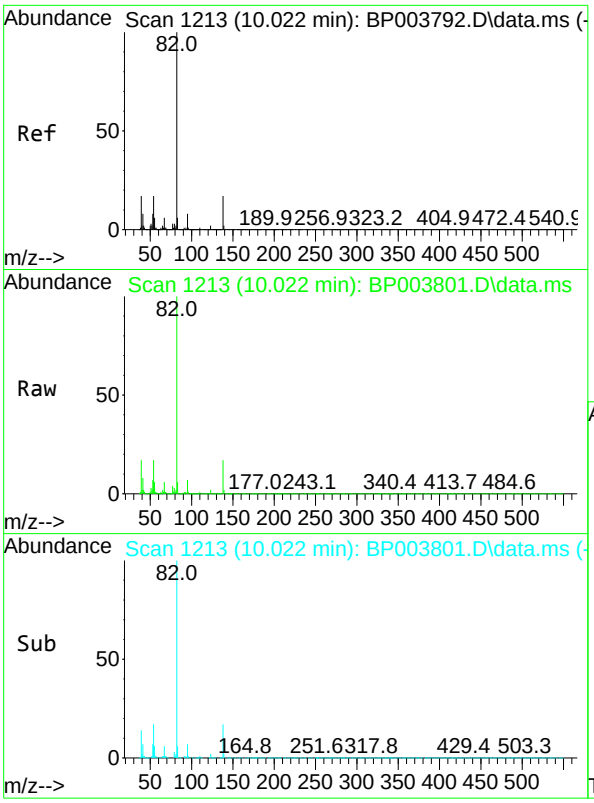

#24
Nitrobenzene
Concen: 42.34 ng
RT: 9.499 min Scan# 1124
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion: 77 Resp: 580680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 43.2 | 48.6 | 72.8# |
| 65 | 14.1 | 10.0 | 15.0 |



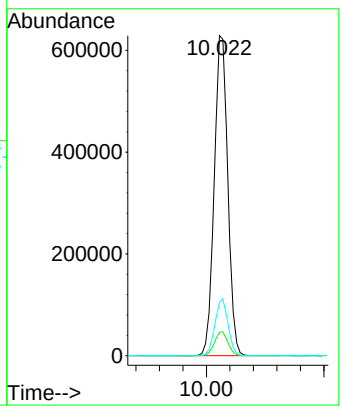
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

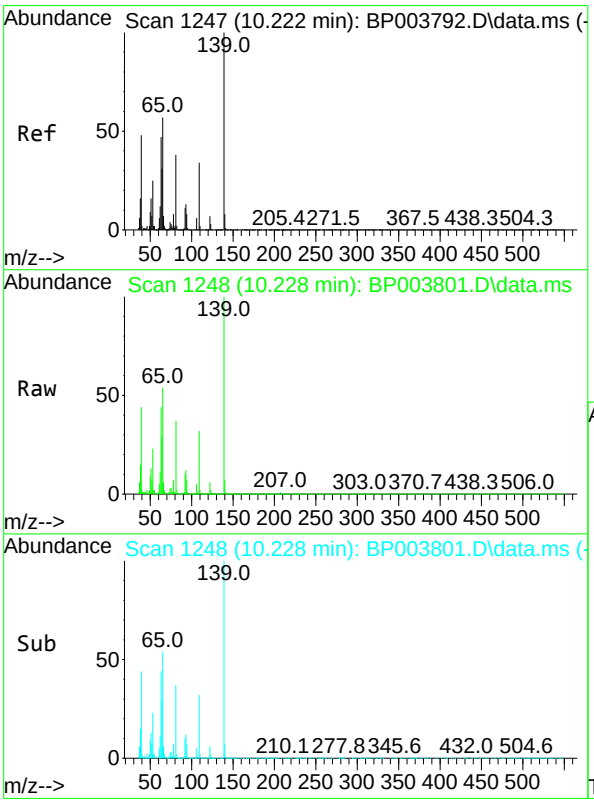



#25
Isophorone
Concen: 42.84 ng
RT: 10.022 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion: 82 Resp: 1004176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.3 | 6.4 | 9.6 |
| 138 | 16.6 | 18.7 | 28.1# |

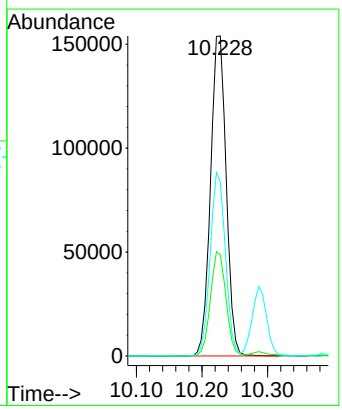


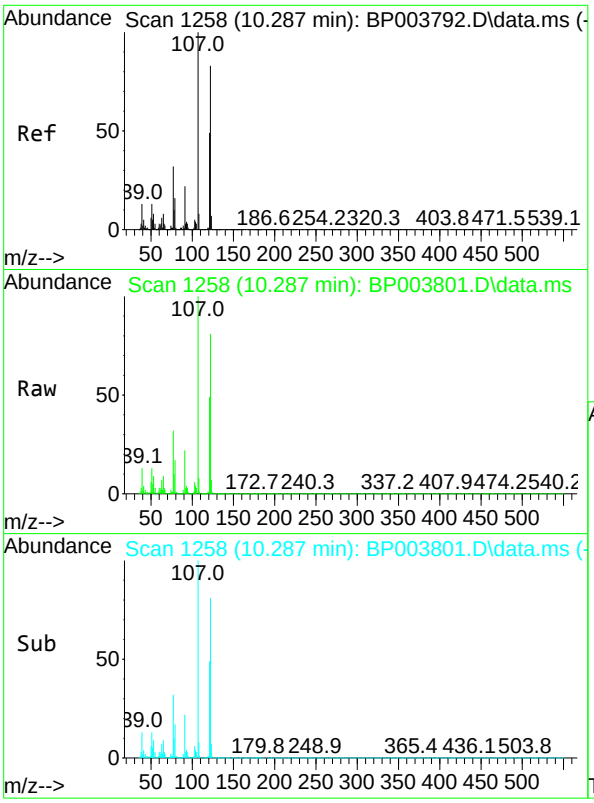

#26
2-Nitrophenol
Concen: 47.68 ng
RT: 10.228 min Scan# 1248
Delta R.T. 0.006 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:139 Resp: 255337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 31.7 | 22.1 | 33.1 |
| 65 | 54.4 | 26.5 | 39.7# |



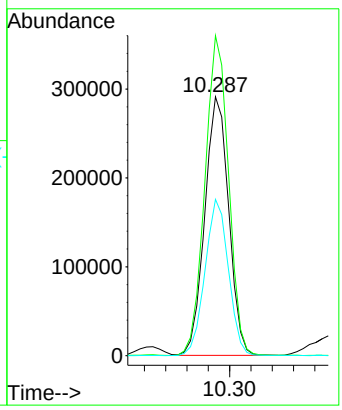
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

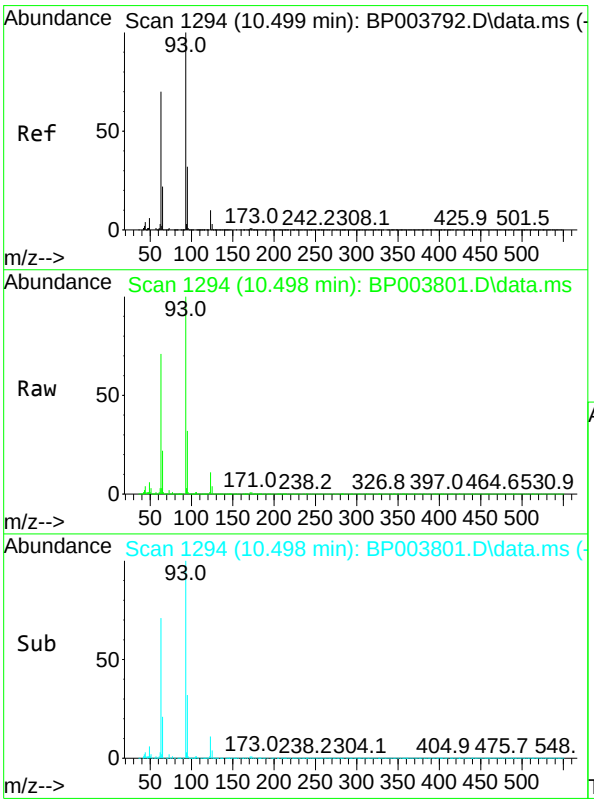



#27
2,4-Dimethylphenol
Concen: 50.72 ng
RT: 10.287 min Scan# 1258
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:122 Resp: 453104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 123.6 | 87.3 | 130.9 |
| 121 | 60.4 | 47.3 | 70.9 |

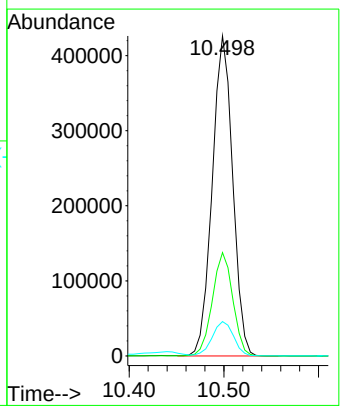


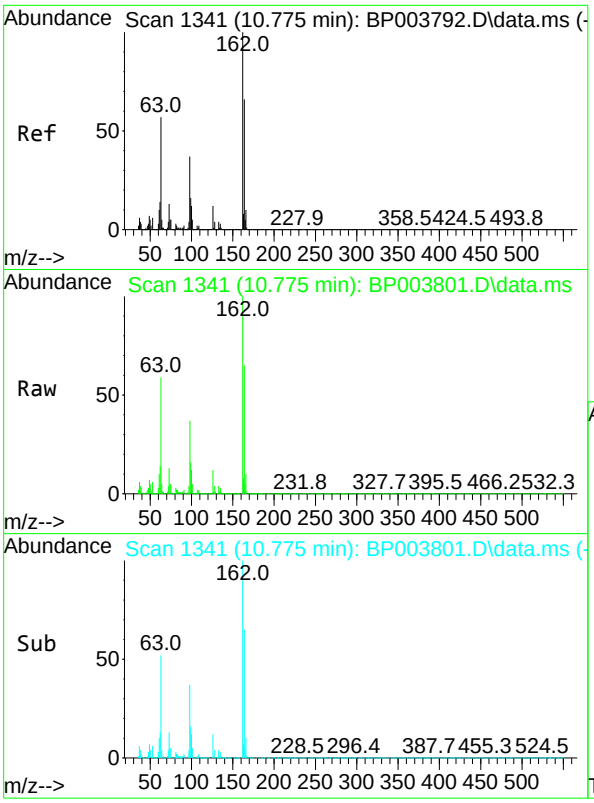

#28
bis(2-Chloroethoxy)methane
Concen: 39.81 ng
RT: 10.498 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion: 93 Resp: 640299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.3 | 26.7 | 40.1 |
| 123 | 10.7 | 10.5 | 15.7 |



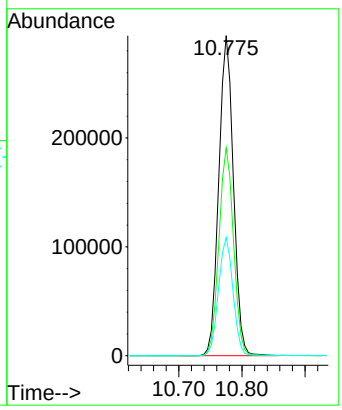
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

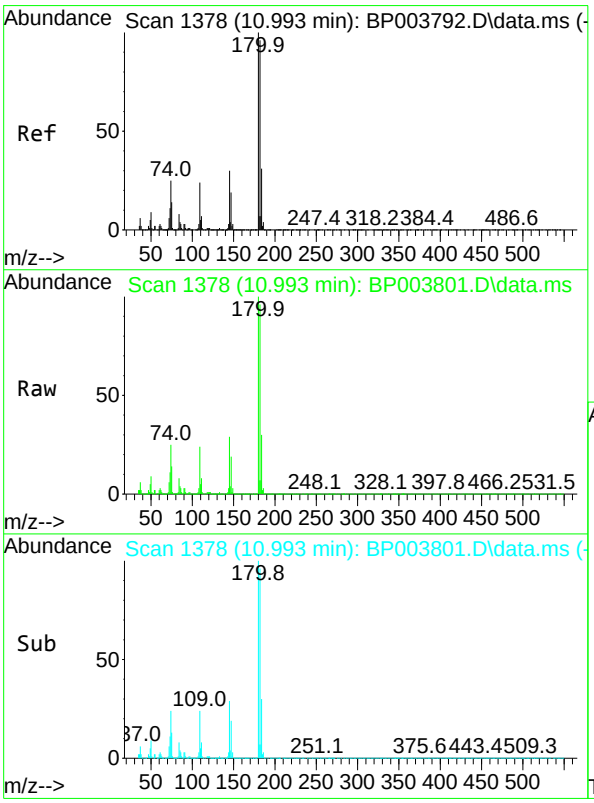



#29
2,4-Dichlorophenol
Concen: 43.84 ng
RT: 10.775 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:162 Resp: 471954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 65.0 | 45.8 | 85.8 |
| 98 | 37.0 | 10.2 | 50.2 |

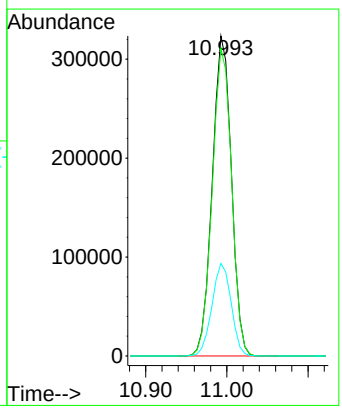


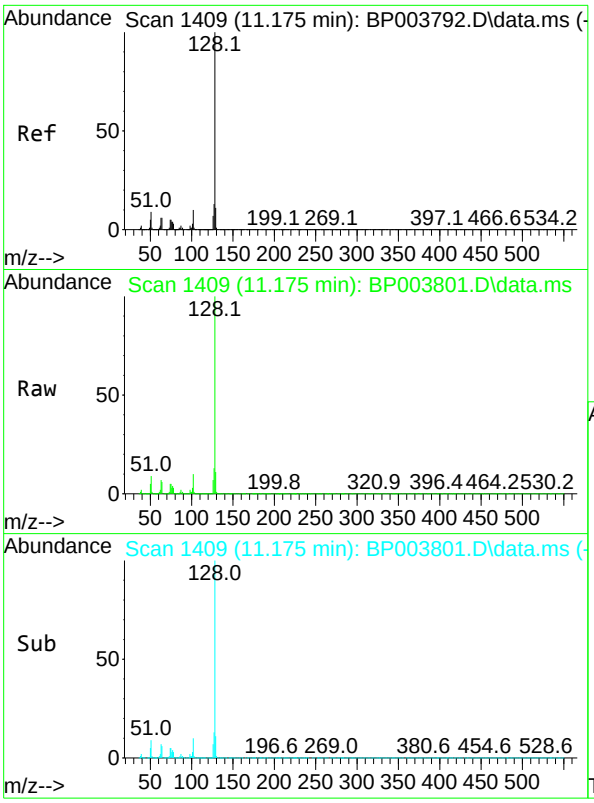

#30
1,2,4-Trichlorobenzene
Concen: 40.30 ng
RT: 10.993 min Scan# 1378
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:180 Resp: 528457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.1 | 76.2 | 114.2 |
| 145 | 28.9 | 23.8 | 35.8 |



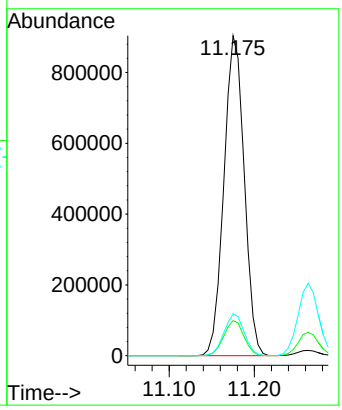
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

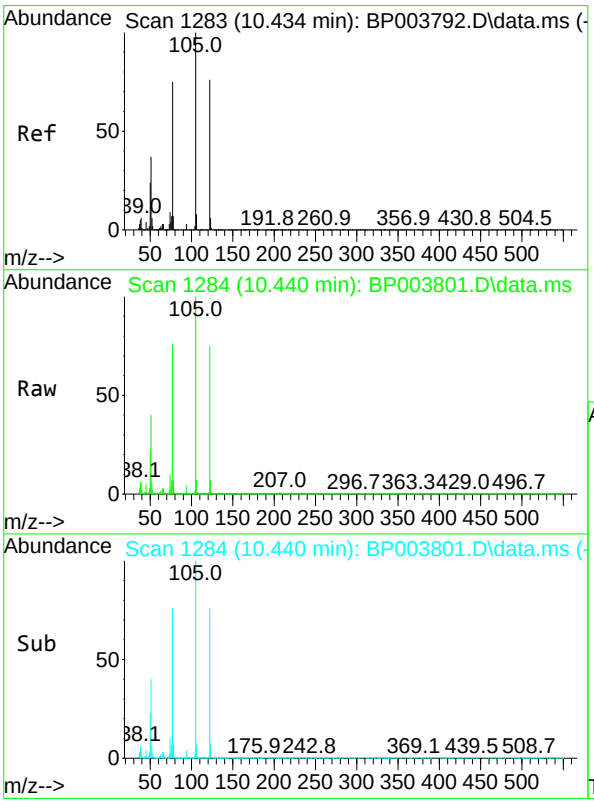



#31
Naphthalene
Concen: 41.28 ng
RT: 11.175 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:128 Resp: 1497413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 8.8 | 13.2 |
| 127 | 13.0 | 10.6 | 15.8 |

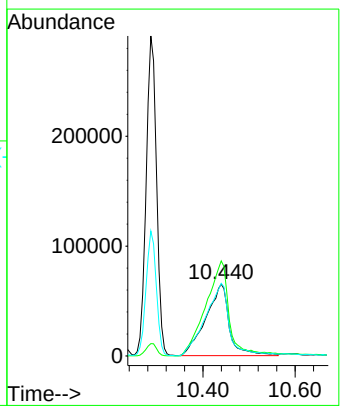


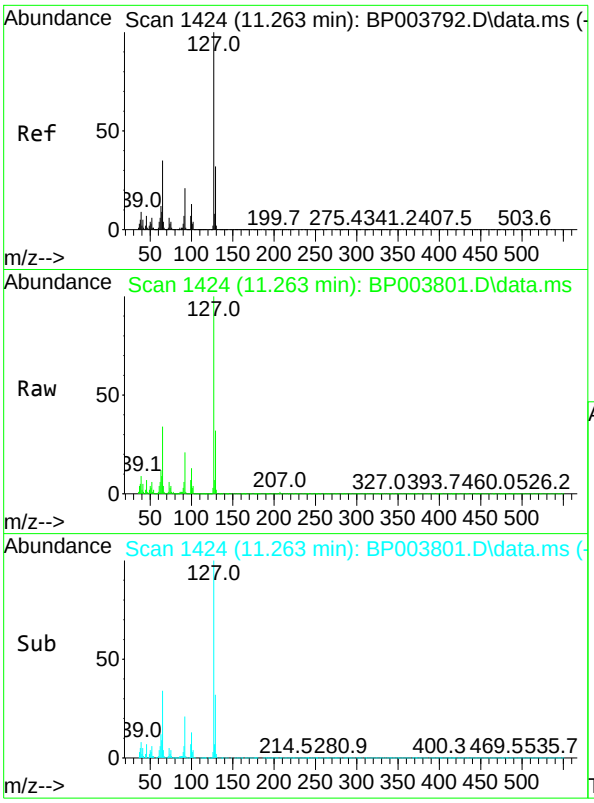

#32
Benzoic acid
Concen: 38.67 ng
RT: 10.440 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:122 Resp: 230288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 132.5 | 94.1 | 134.1 |
| 77 | 101.3 | 50.1 | 90.1# |



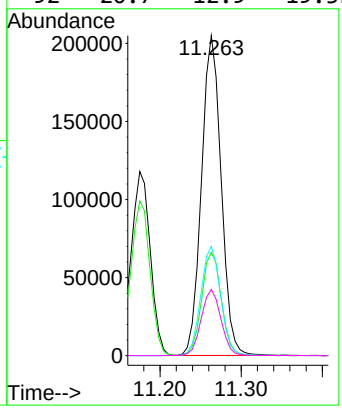
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

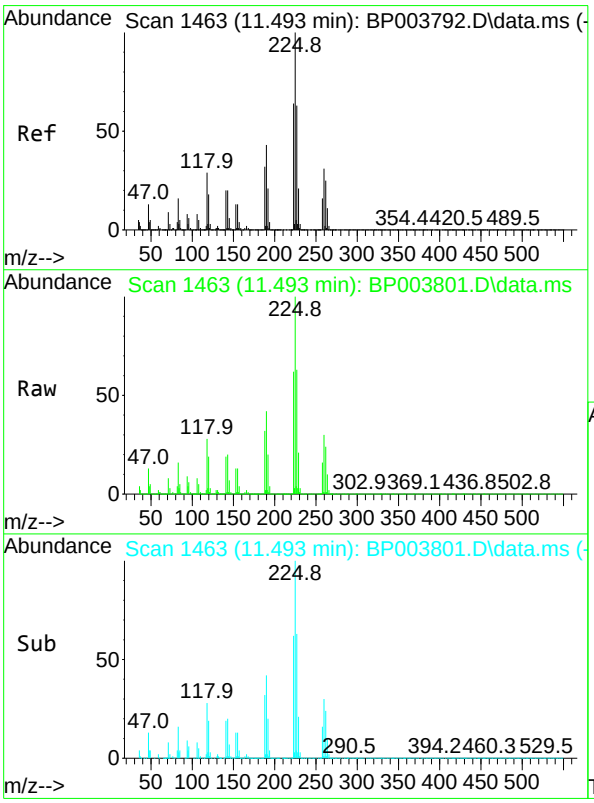



#33
4-Chloroaniline
Concen: 22.34 ng
RT: 11.263 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:127 Resp: 344357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.3 | 25.7 | 38.5 |
| 65 | 34.2 | 17.3 | 25.9# |
| 92 | 20.7 | 12.9 | 19.3# |

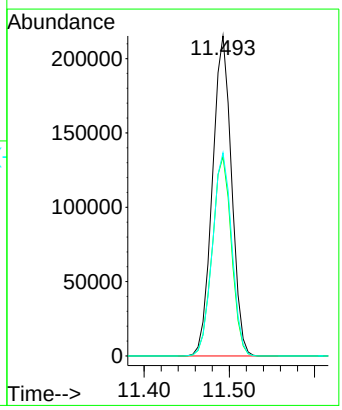


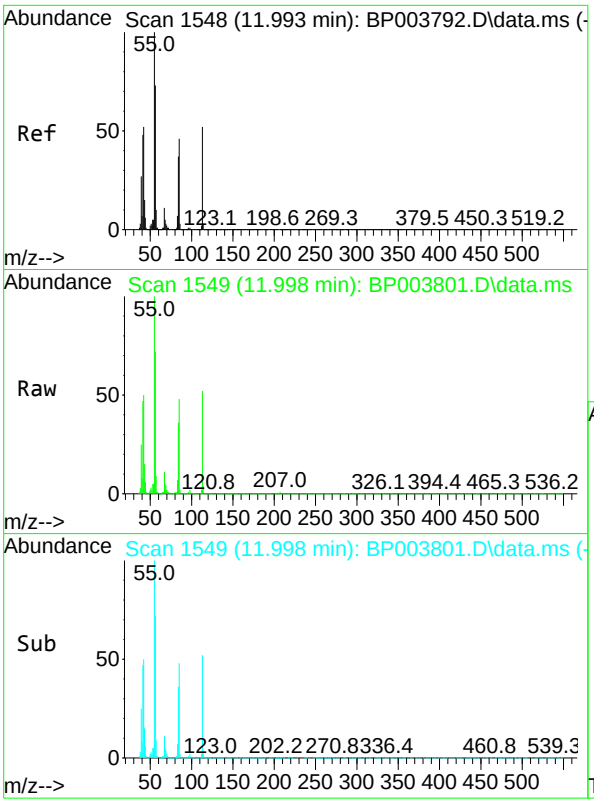

#34
Hexachlorobutadiene
Concen: 39.22 ng
RT: 11.493 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:225 Resp: 335484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.3 | 50.1 | 75.1 |
| 227 | 63.5 | 51.4 | 77.2 |



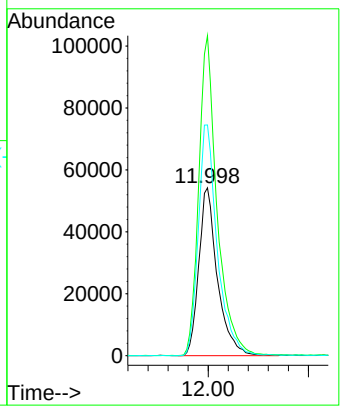
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

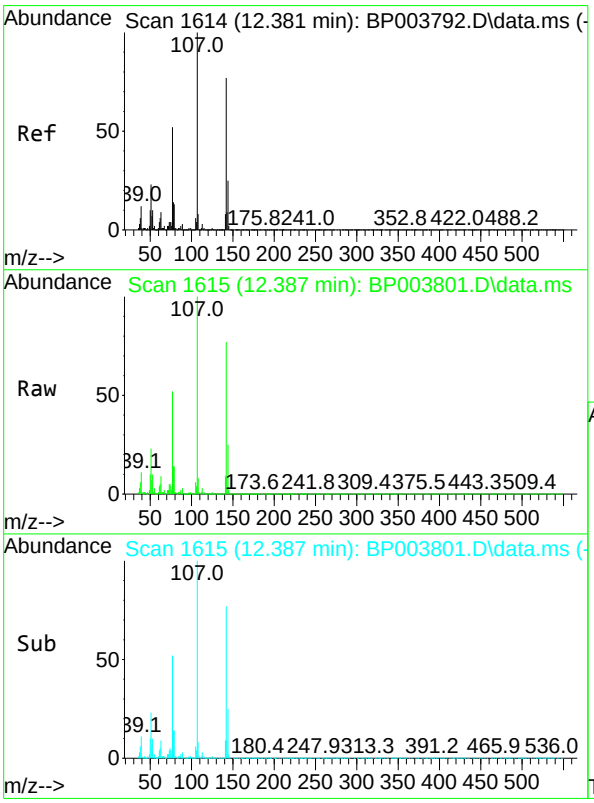



#35
Caprolactam
Concen: 41.97 ng
RT: 11.998 min Scan# 1549
Delta R.T. 0.006 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:113 Resp: 139698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 190.7 | 77.3 | 117.3# |
| 56 | 137.5 | 55.9 | 95.9# |

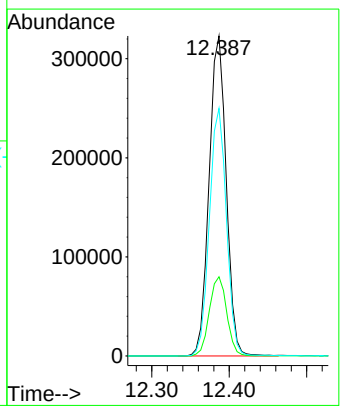


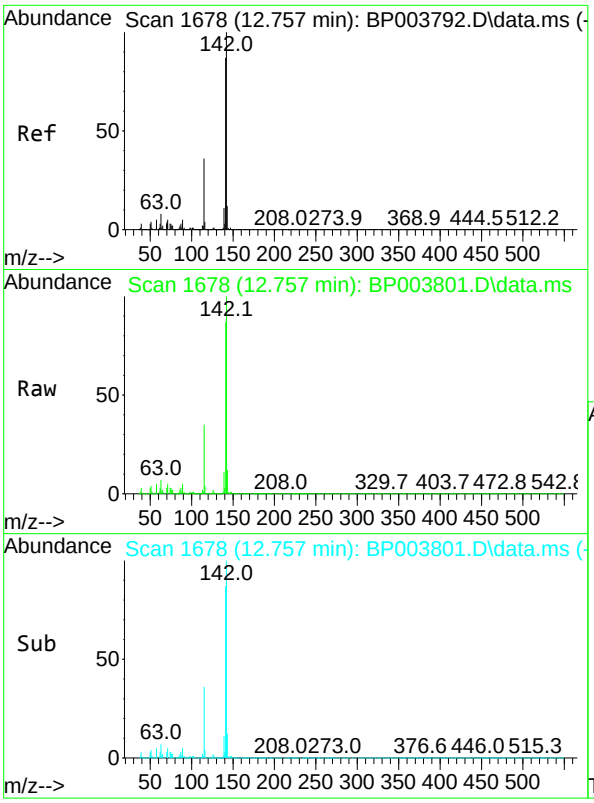

#36
4-Chloro-3-methylphenol
Concen: 42.83 ng
RT: 12.387 min Scan# 1615
Delta R.T. 0.006 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:107 Resp: 497674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.7 | 22.7 | 34.1 |
| 142 | 77.3 | 70.7 | 106.1 |



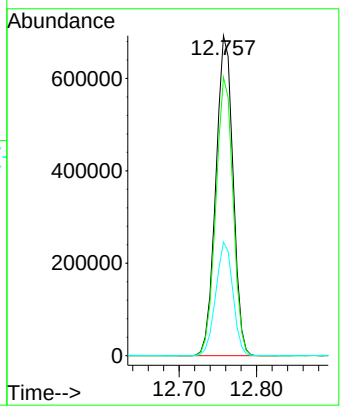
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

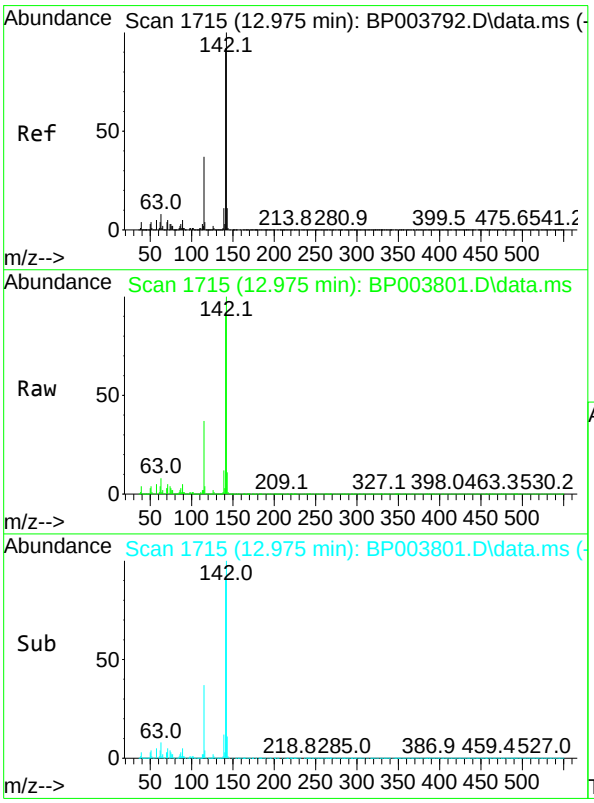



#37
2-Methylnaphthalene
Concen: 41.29 ng
RT: 12.757 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:142 Resp: 1071706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.0 | 71.4 | 107.2 |
| 115 | 35.5 | 25.8 | 38.6 |

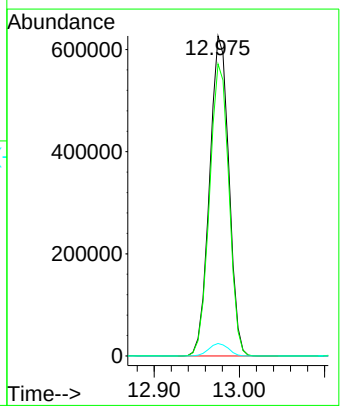


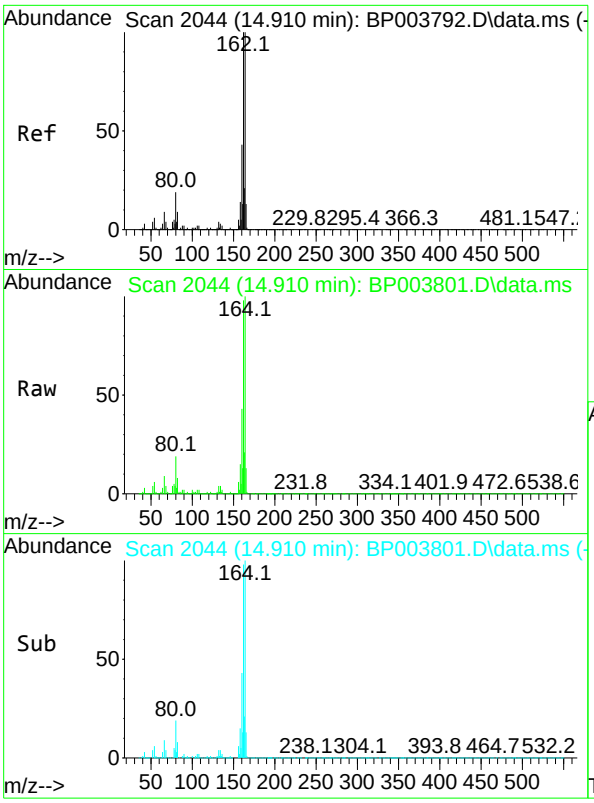

#38
1-Methylnaphthalene
Concen: 39.74 ng
RT: 12.975 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:142 Resp: 983971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.3 | 74.4 | 111.6 |
| 116 | 3.9 | 2.9 | 4.3 |



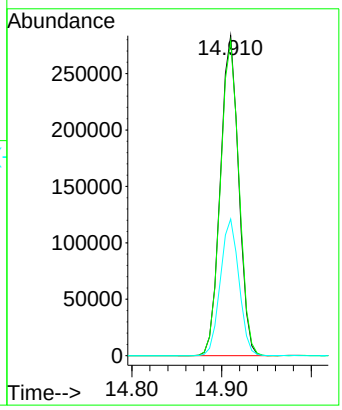
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

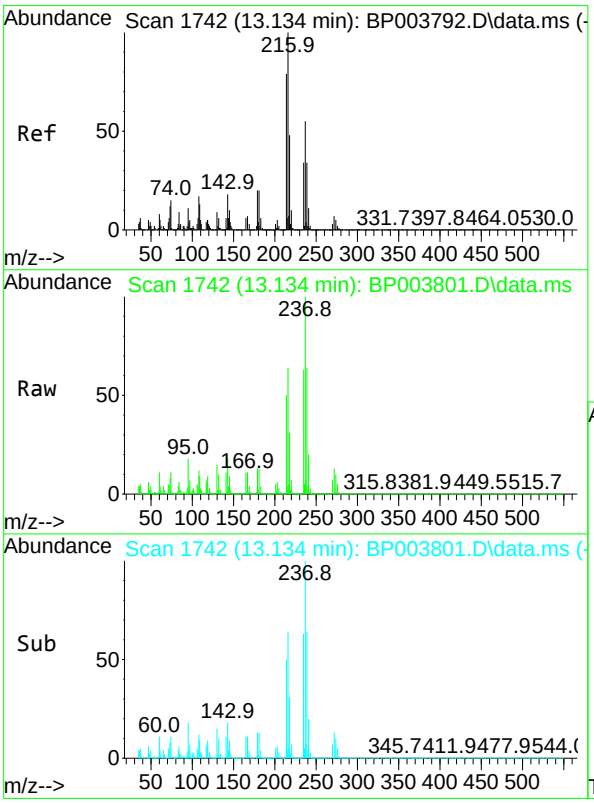



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.910 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:164 Resp: 400990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.3 | 79.4 | 119.2 |
| 160 | 42.7 | 36.1 | 54.1 |

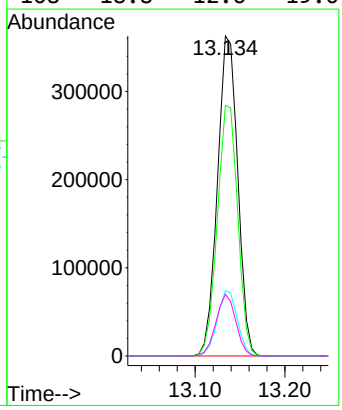


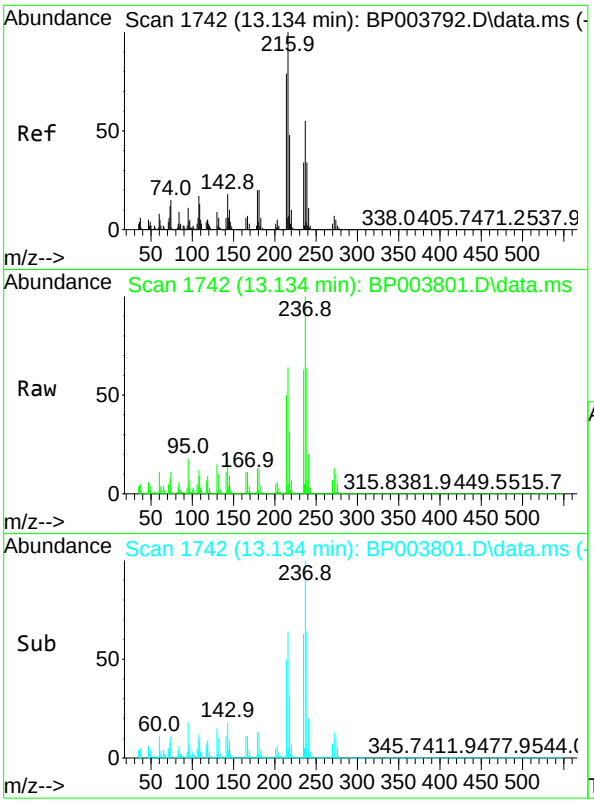

#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.91 ng
RT: 13.134 min Scan# 1742
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:216 Resp: 569431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.7 | 63.0 | 94.6 |
| 179 | 20.3 | 16.9 | 25.3 |
| 108 | 18.8 | 12.6 | 19.0 |



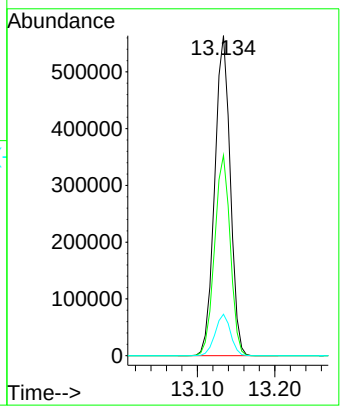
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

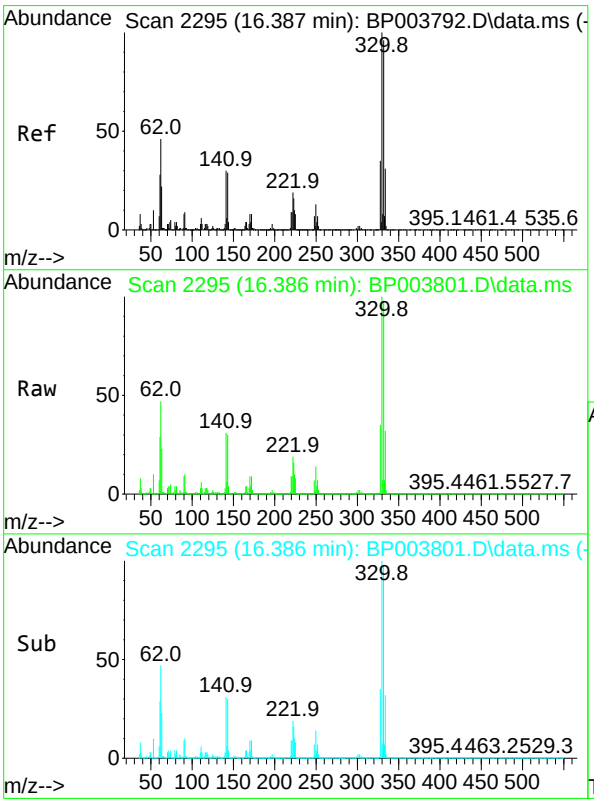



#41
Hexachlorocyclopentadiene
Concen: 117.30 ng
RT: 13.134 min Scan# 1742
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:237 Resp: 785350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.6 | 43.2 | 83.2 |
| 272 | 13.0 | 0.0 | 33.3 |

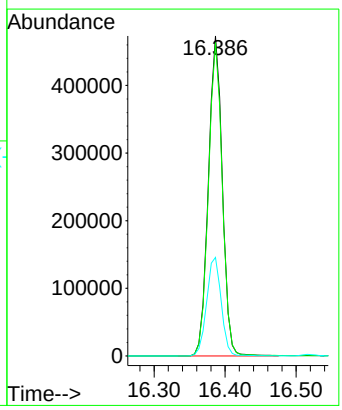


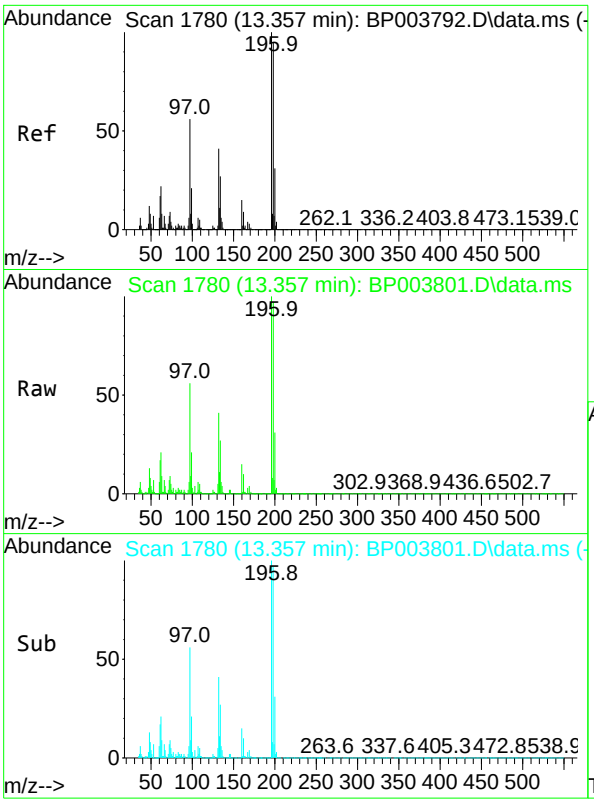




#42
2,4,6-Tribromophenol
Concen: 128.80 ng
RT: 16.386 min Scan# 2295
Delta R.T. -0.001 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:330 Resp: 645968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.6 | 77.1 | 115.7 |
| 141 | 32.3 | 23.4 | 35.2 |

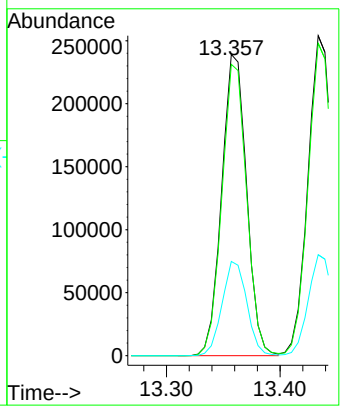




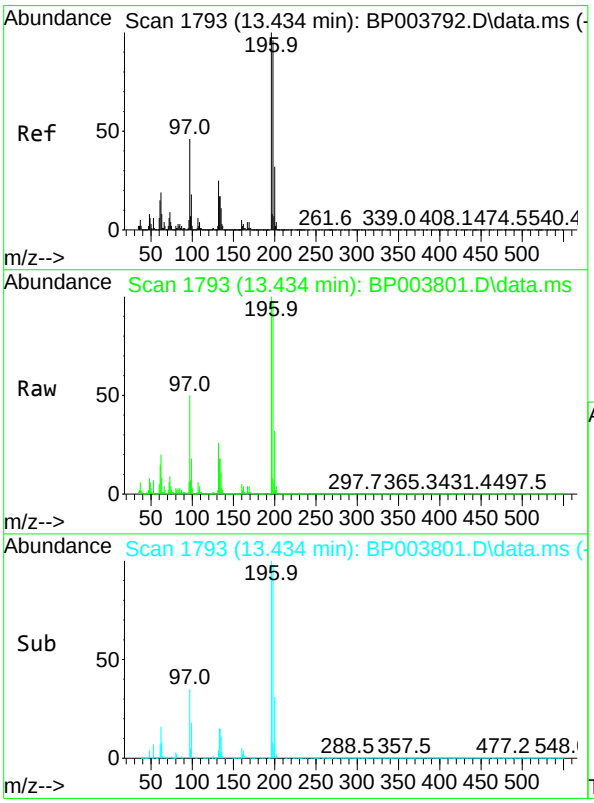

#43
2,4,6-Trichlorophenol
Concen: 44.38 ng
RT: 13.357 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:196 Resp: 364124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.7 | 77.0 | 115.6 |
| 200 | 31.3 | 25.1 | 37.7 |



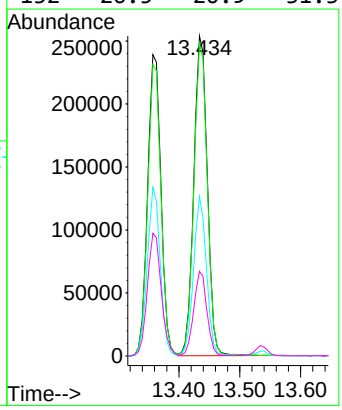

**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS



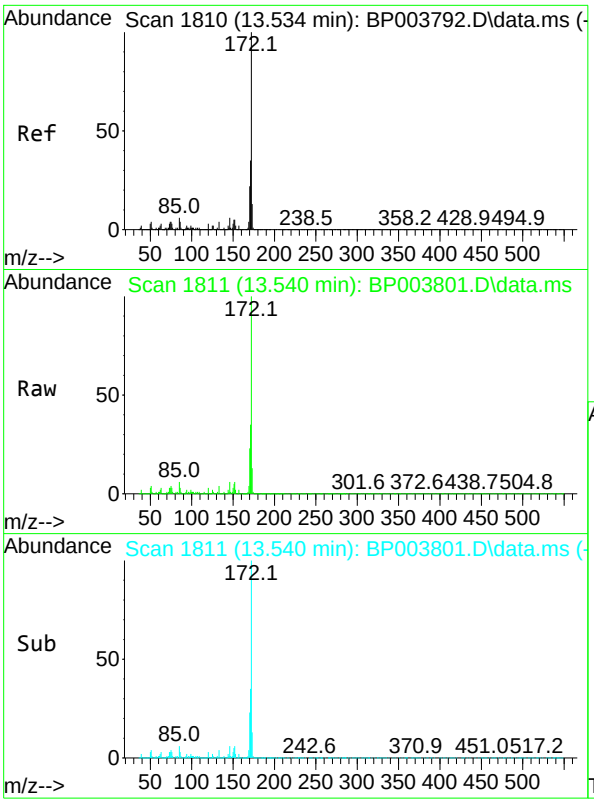

#44
2,4,5-Trichlorophenol
Concen: 45.41 ng
RT: 13.434 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:196 Resp: 392289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.6 | 77.3 | 115.9 |
| 97 | 49.8 | 31.0 | 46.4# |
| 132 | 26.5 | 20.9 | 31.3 |



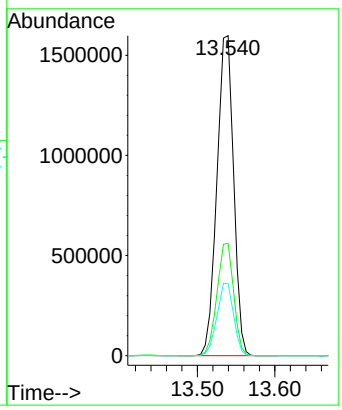
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

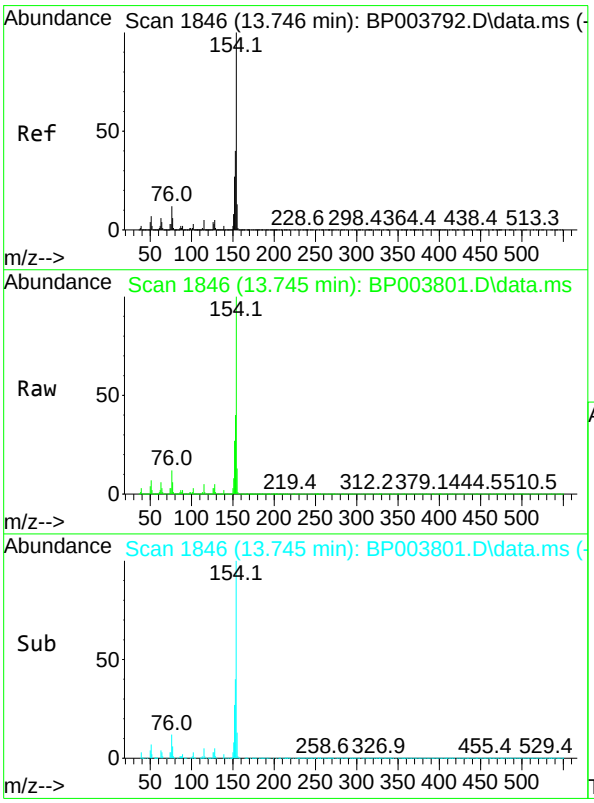



#45
2-Fluorobiphenyl
Concen: 83.46 ng
RT: 13.540 min Scan# 1811
Delta R.T. 0.005 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:172 Resp: 2393976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.1 | 28.5 | 42.7 |
| 170 | 22.5 | 19.2 | 28.8 |

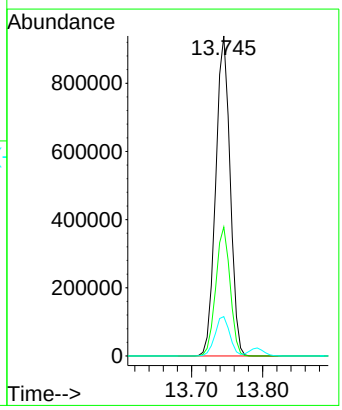


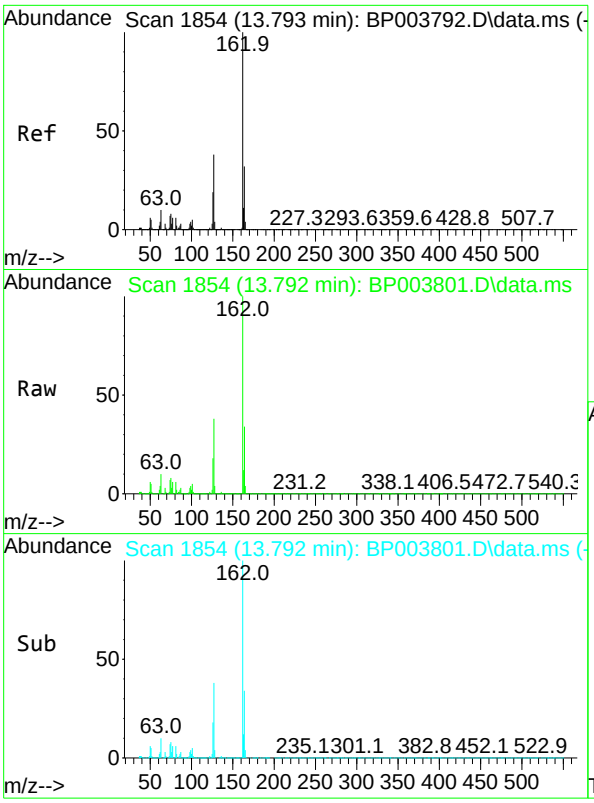

#46
1,1'-Biphenyl
Concen: 42.27 ng
RT: 13.745 min Scan# 1846
Delta R.T. -0.001 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:154 Resp: 1315757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.3 | 20.4 | 60.4 |
| 76 | 12.3 | 0.0 | 29.3 |



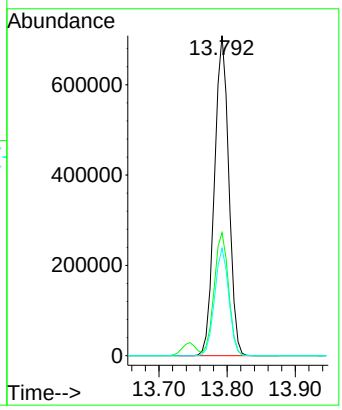
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

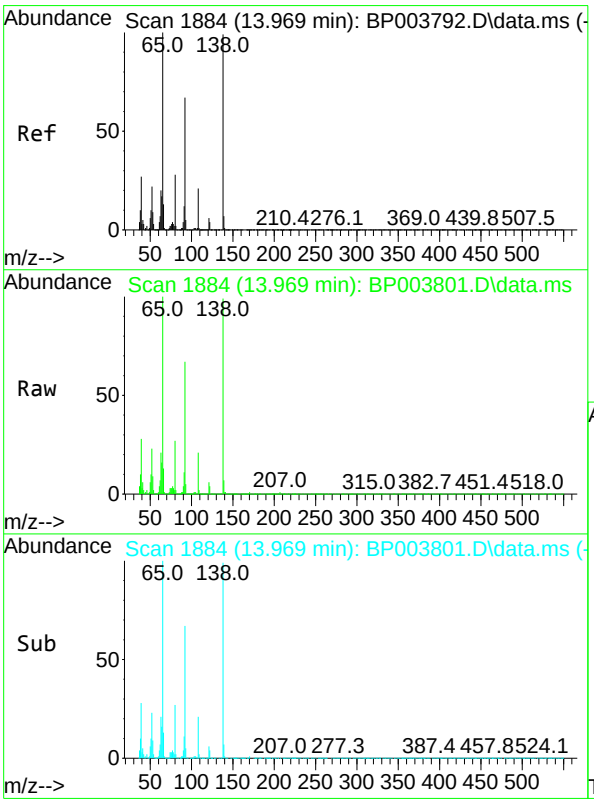



#47
2-Chloronaphthalene
Concen: 40.51 ng
RT: 13.792 min Scan# 1854
Delta R.T. -0.001 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:162 Resp: 1034558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 38.4 | 29.9 | 44.9 |
| 164 | 33.6 | 26.1 | 39.1 |

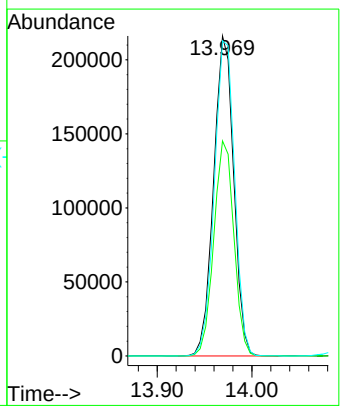


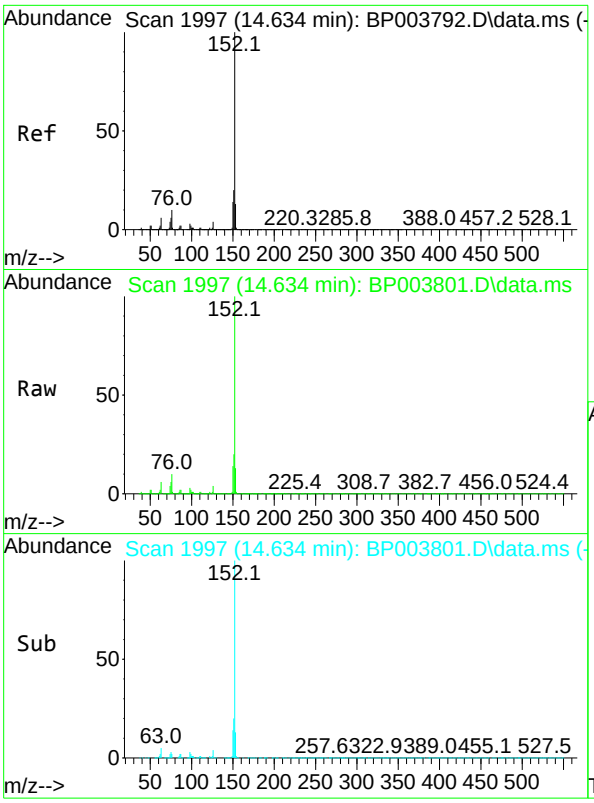

#48
2-Nitroaniline
Concen: 41.72 ng
RT: 13.969 min Scan# 1884
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion: 65 Resp: 317927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 67.2 | 70.6 | 106.0# |
| 138 | 98.5 | 133.6 | 200.4# |



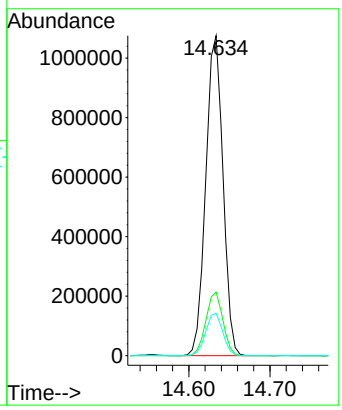
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

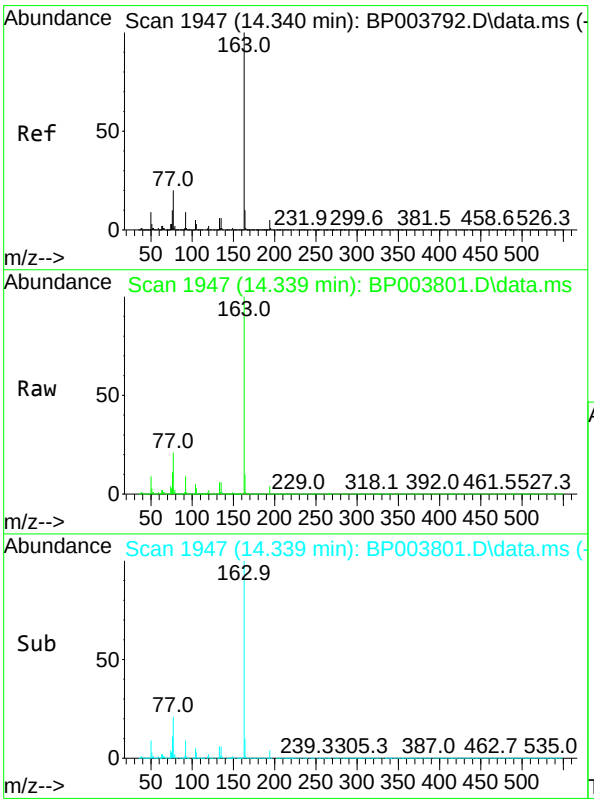



#49
Acenaphthylene
Concen: 42.11 ng
RT: 14.634 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:152 Resp: 1579176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.8 | 15.9 | 23.9 |
| 153 | 13.2 | 10.5 | 15.7 |

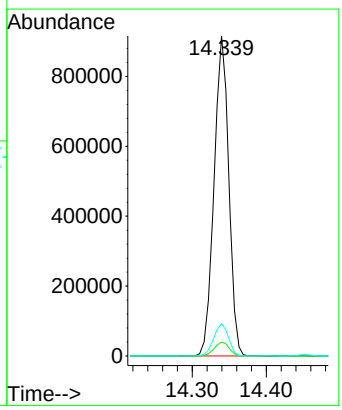


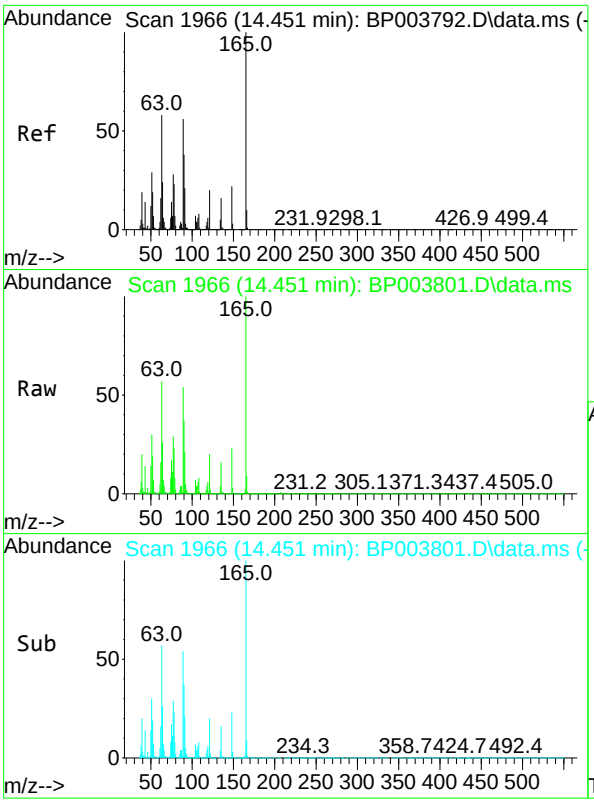

#50
Dimethylphthalate
Concen: 40.14 ng
RT: 14.339 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:163 Resp: 1258265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 3.3 | 4.9 |
| 164 | 10.2 | 8.2 | 12.2 |



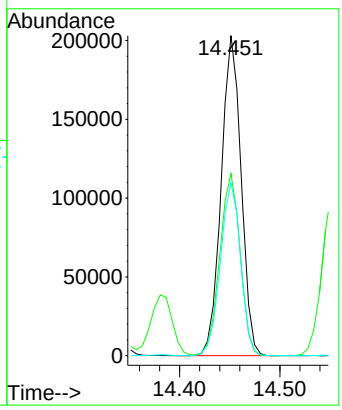
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

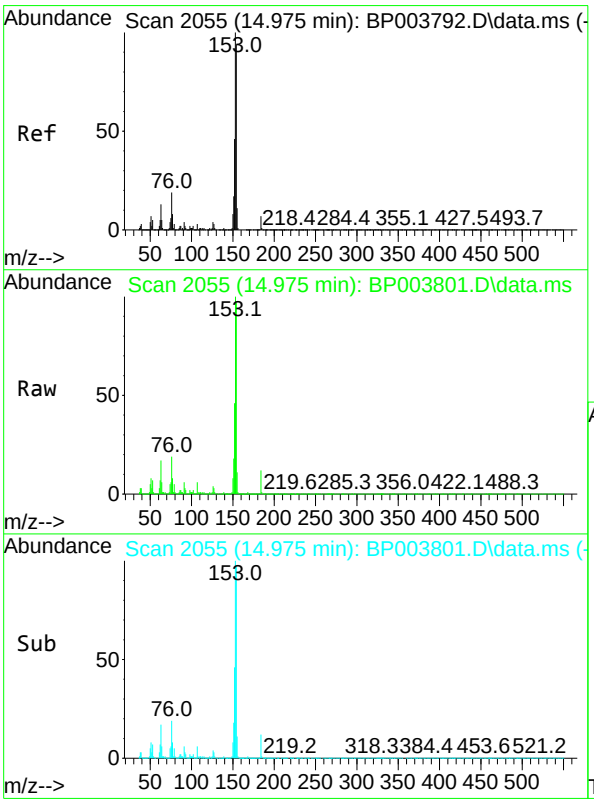



#51
2,6-Dinitrotoluene
Concen: 43.50 ng
RT: 14.451 min Scan# 1966
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:165 Resp: 279771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 56.9 | 27.8 | 41.6# |
| 89 | 54.0 | 34.6 | 52.0# |

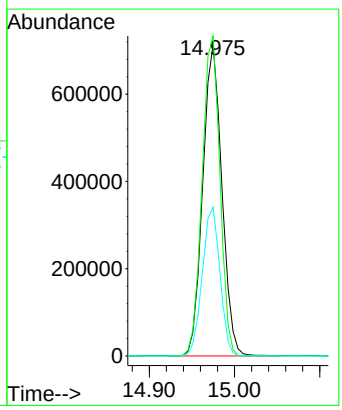


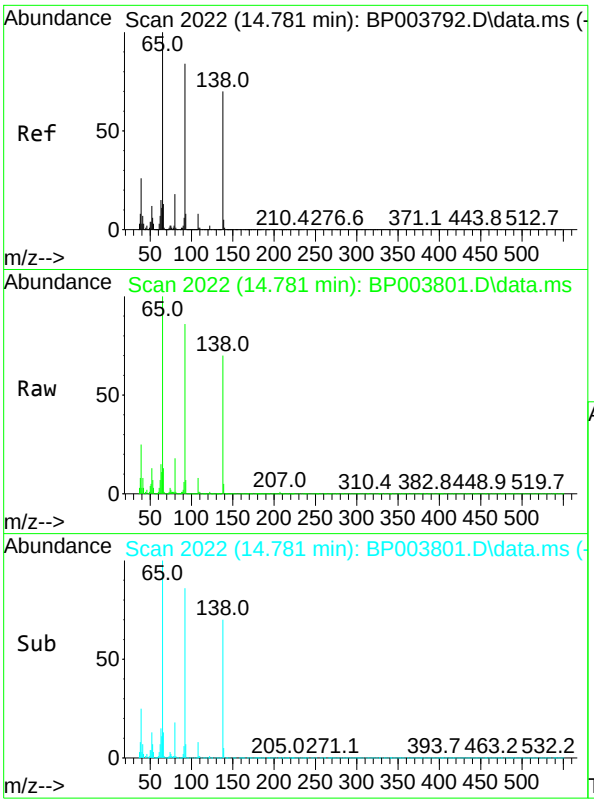

#52
Acenaphthene
Concen: 44.50 ng
RT: 14.975 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:154 Resp: 1111800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 102.6 | 91.0 | 136.6 |
| 152 | 47.7 | 43.0 | 64.6 |



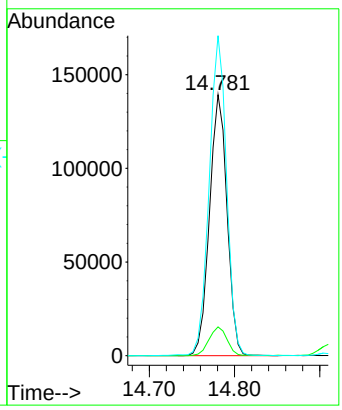
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

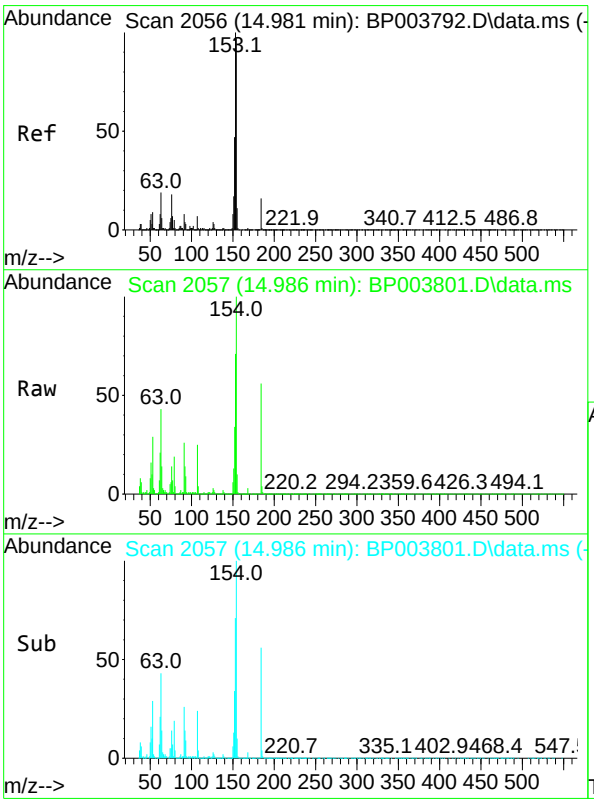



#53
3-Nitroaniline
Concen: 27.96 ng
RT: 14.781 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:138 Resp: 199023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.0 | 7.5 | 11.3 |
| 92 | 122.6 | 75.0 | 112.6# |

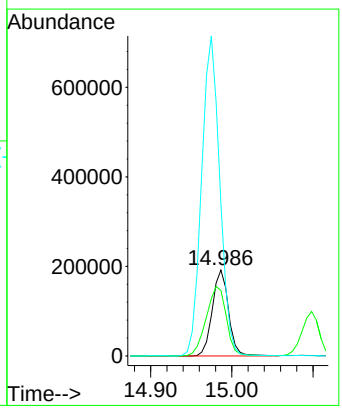


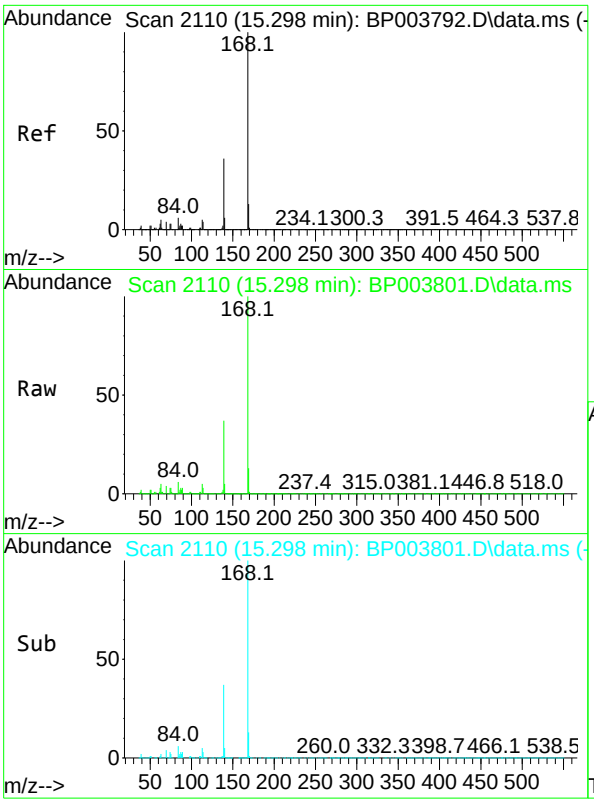

#54
2,4-Dinitrophenol
Concen: 75.81 ng
RT: 14.986 min Scan# 2057
Delta R.T. 0.005 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:184 Resp: 267096

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 76.3 | 32.3 | 48.5# |
| 154 | 177.3 | 49.1 | 73.7# |



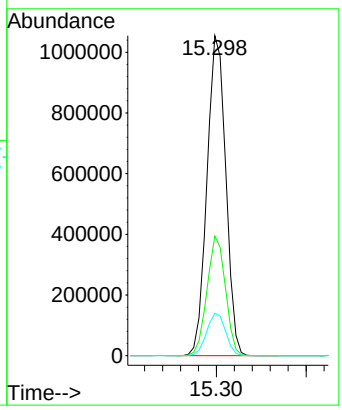
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

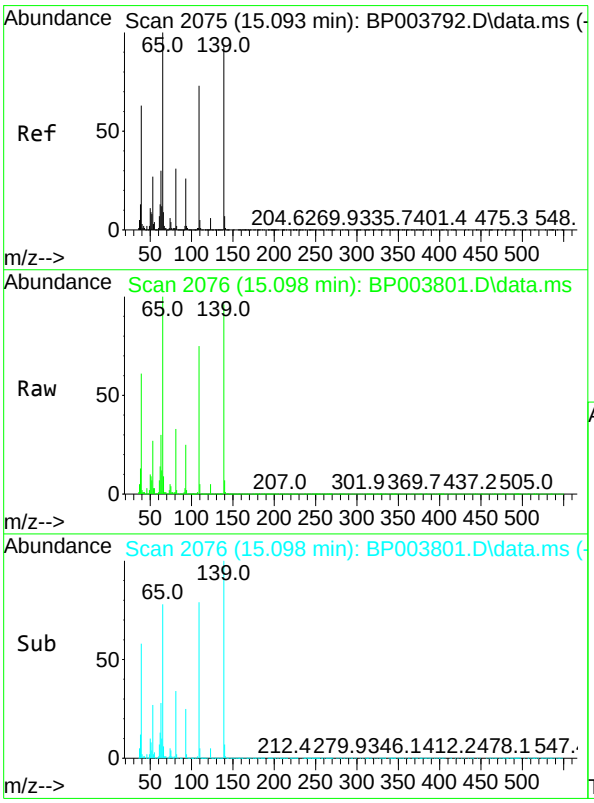



#55
Dibenzofuran
Concen: 41.27 ng
RT: 15.298 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:168 Resp: 1531862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.4 | 29.1 | 43.7 |
| 169 | 13.3 | 10.4 | 15.6 |

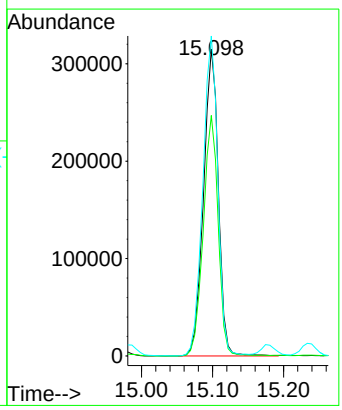


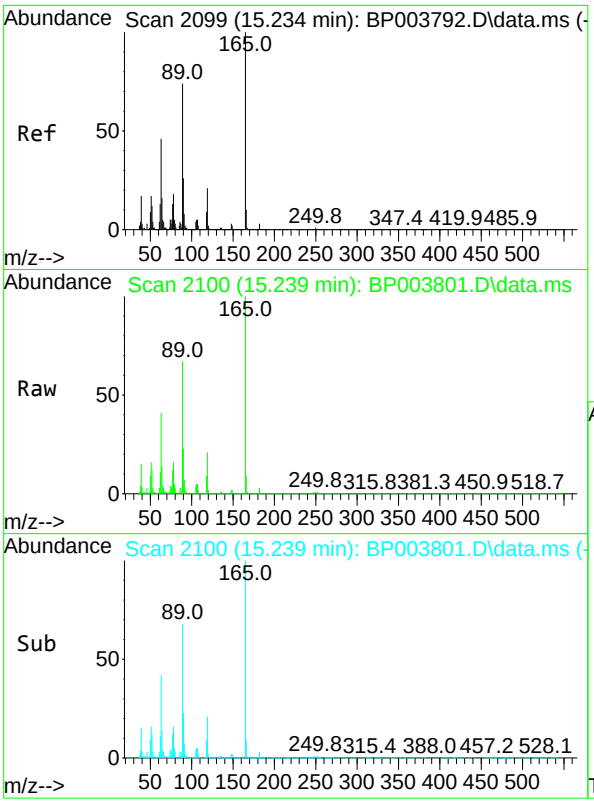

#56
4-Nitrophenol
Concen: 89.44 ng
RT: 15.098 min Scan# 2076
Delta R.T. 0.006 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:139 Resp: 458930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 78.4 | 44.6 | 84.6 |
| 65 | 104.3 | 41.6 | 81.6# |



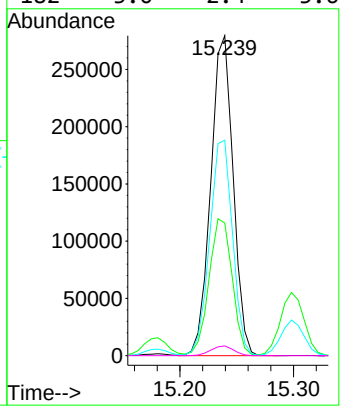
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

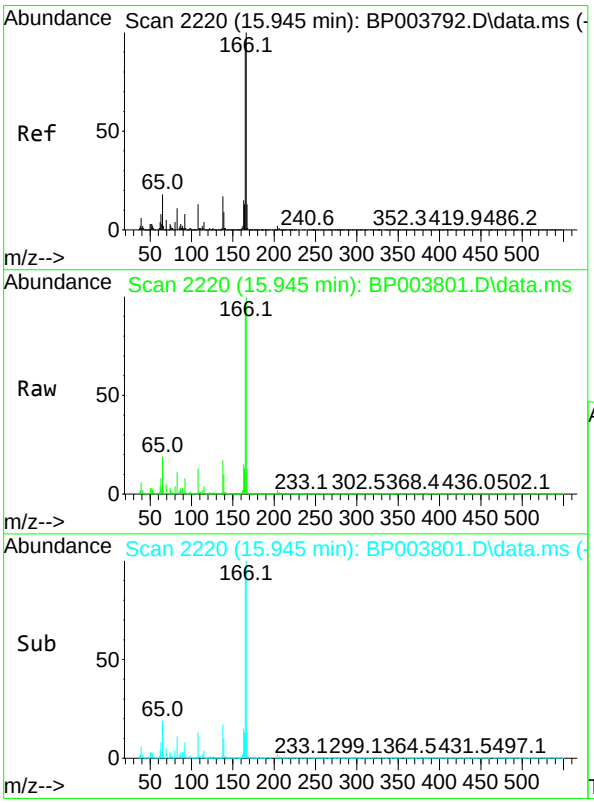



#57
2,4-Dinitrotoluene
Concen: 44.42 ng
RT: 15.239 min Scan# 2100
Delta R.T. 0.006 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:165 Resp: 383532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 41.4 | 20.6 | 31.0# |
| 89 | 67.4 | 42.6 | 63.8# |
| 182 | 3.0 | 2.4 | 3.6 |

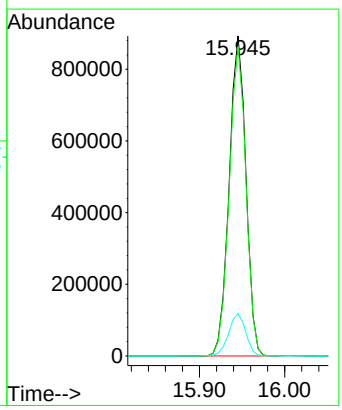


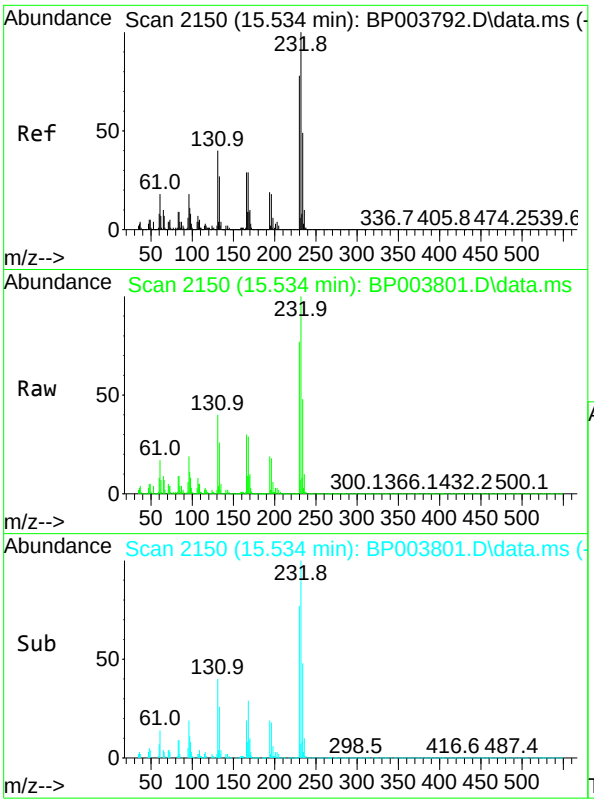

#58
Fluorene
Concen: 41.03 ng
RT: 15.945 min Scan# 2220
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:166 Resp: 1219596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 96.7 | 77.8 | 116.8 |
| 167 | 13.3 | 11.0 | 16.4 |



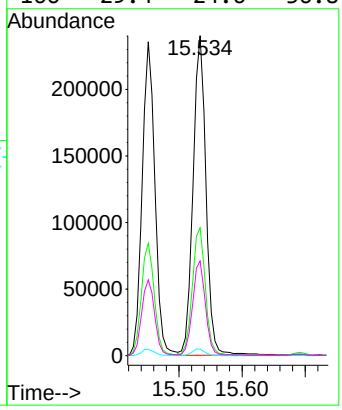
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

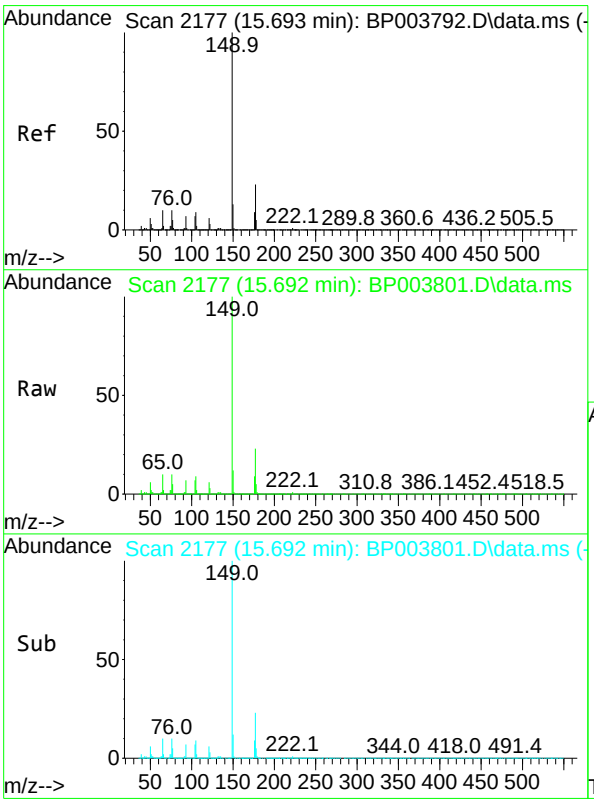



#59
2,3,4,6-Tetrachlorophenol
Concen: 43.79 ng
RT: 15.534 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:232 Resp: 340989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 40.3 | 34.1 | 51.1 |
| 130 | 2.1 | 1.8 | 2.8 |
| 166 | 29.4 | 24.6 | 36.8 |

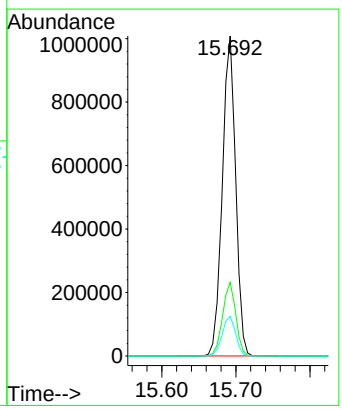


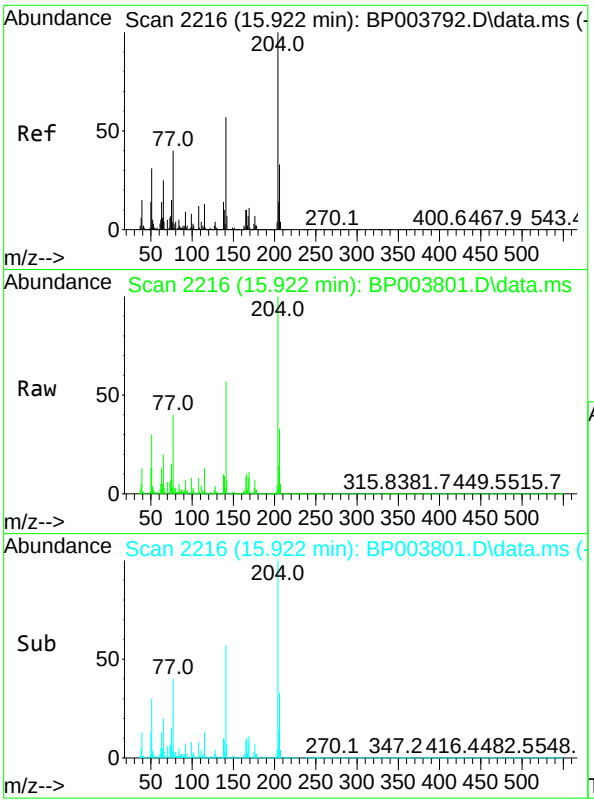

#60
Diethylphthalate
Concen: 40.98 ng
RT: 15.692 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:149 Resp: 1257628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.0 | 18.0 | 27.0 |
| 150 | 12.4 | 10.0 | 15.0 |



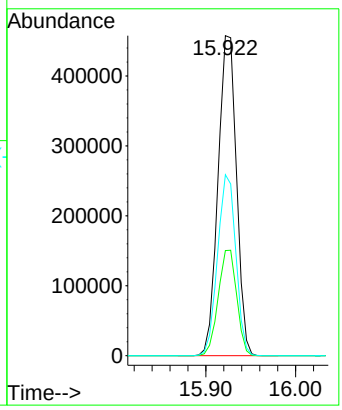
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

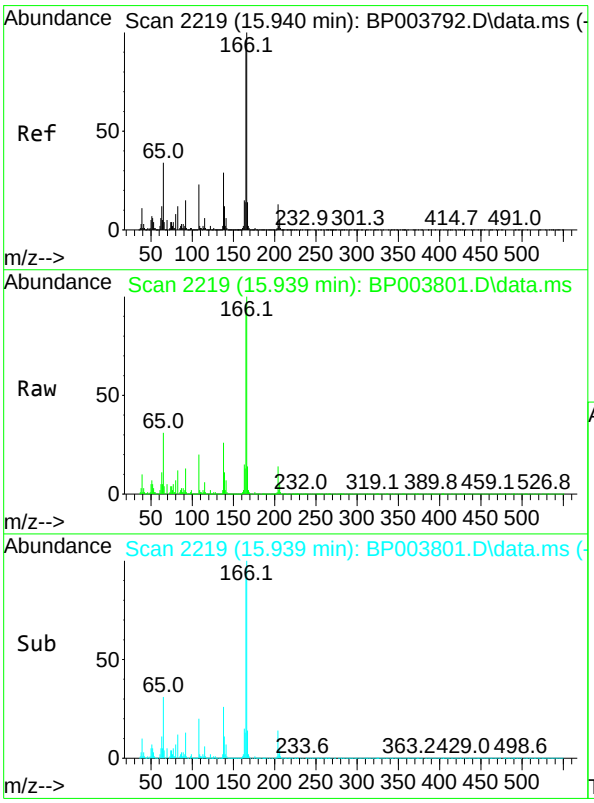



#61
4-Chlorophenyl-phenylether
Concen: 40.20 ng
RT: 15.922 min Scan# 2216
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:204 Resp: 652997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.8 | 25.9 | 38.9 |
| 141 | 56.6 | 46.5 | 69.7 |

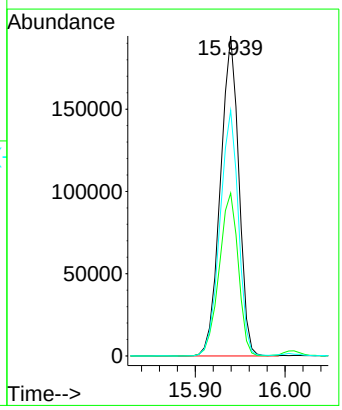


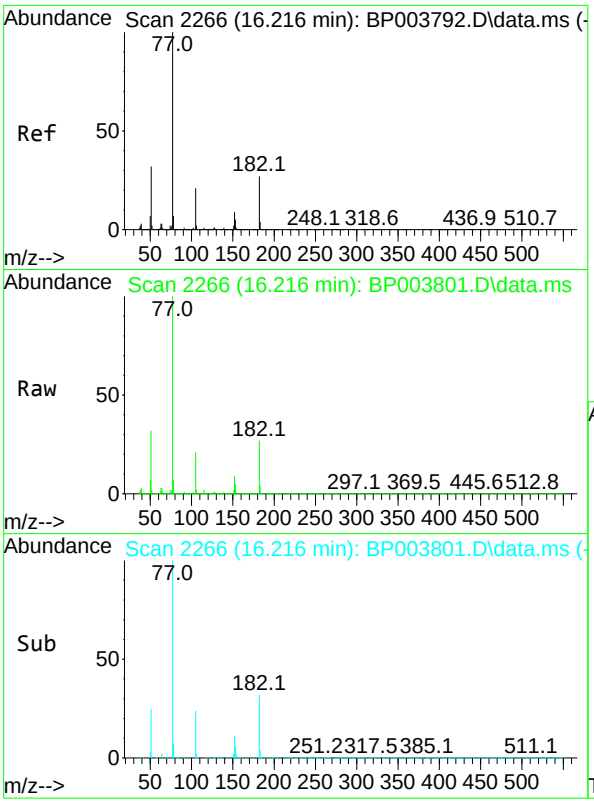




#62
4-Nitroaniline
Concen: 37.43 ng
RT: 15.939 min Scan# 2219
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:138 Resp: 277763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 50.9 | 20.7 | 60.7 |
| 108 | 76.7 | 47.8 | 87.8 |

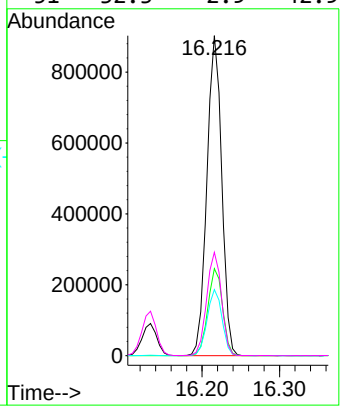




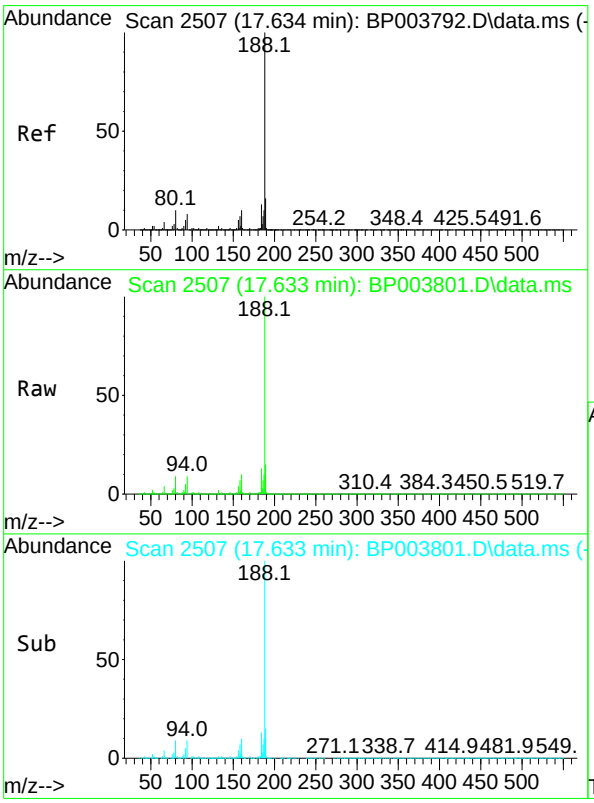

#63
Azobenzene
Concen: 41.32 ng
RT: 16.216 min Scan# 2266
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion: 77 Resp: 1197289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 27.2 | 16.9 | 56.9 |
| 105 | 20.6 | 5.6 | 45.6 |
| 51 | 32.3 | 2.9 | 42.9 |



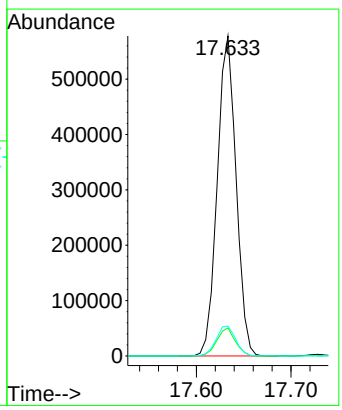

**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS



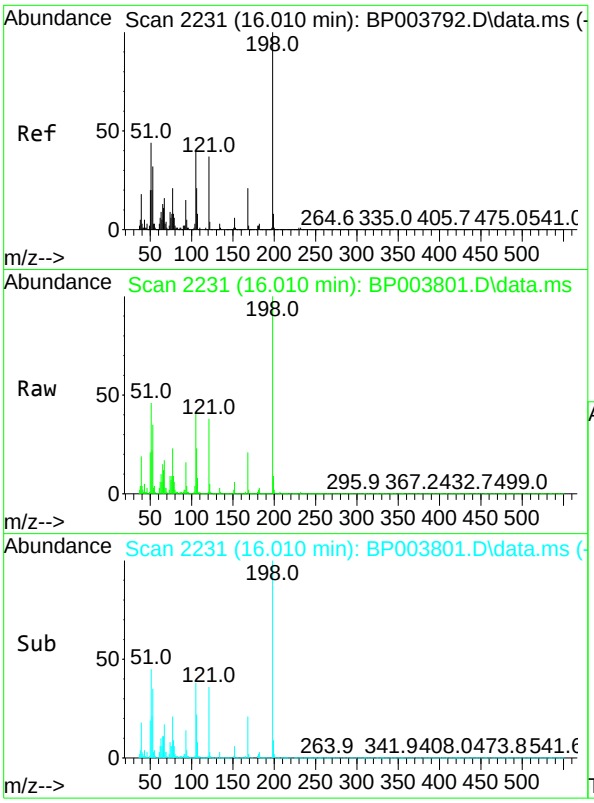

#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.633 min Scan# 2507
Delta R.T. -0.001 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:188 Resp: 799472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.8 | 6.2 | 9.2 |
| 80 | 9.4 | 6.2 | 9.2# |



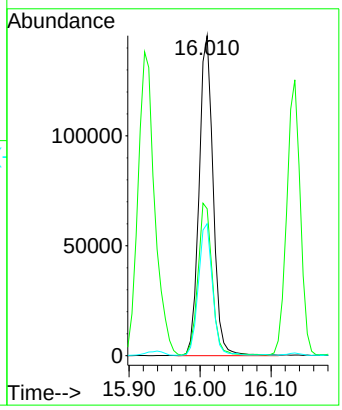
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

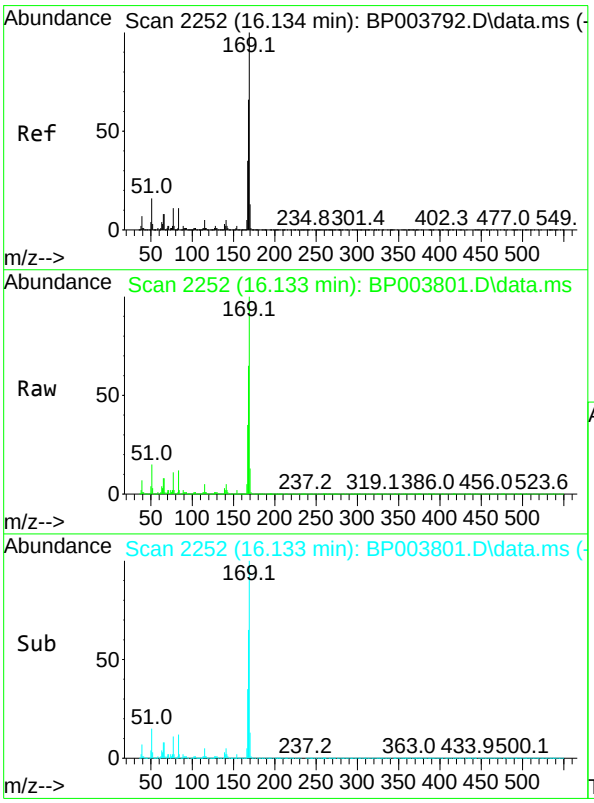



#65
4,6-Dinitro-2-methylphenol
Concen: 46.89 ng
RT: 16.010 min Scan# 2231
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:198 Resp: 201114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 45.9 | 6.4 | 46.4 |
| 105 | 41.3 | 18.9 | 58.9 |

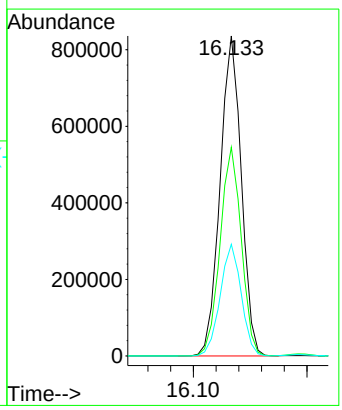


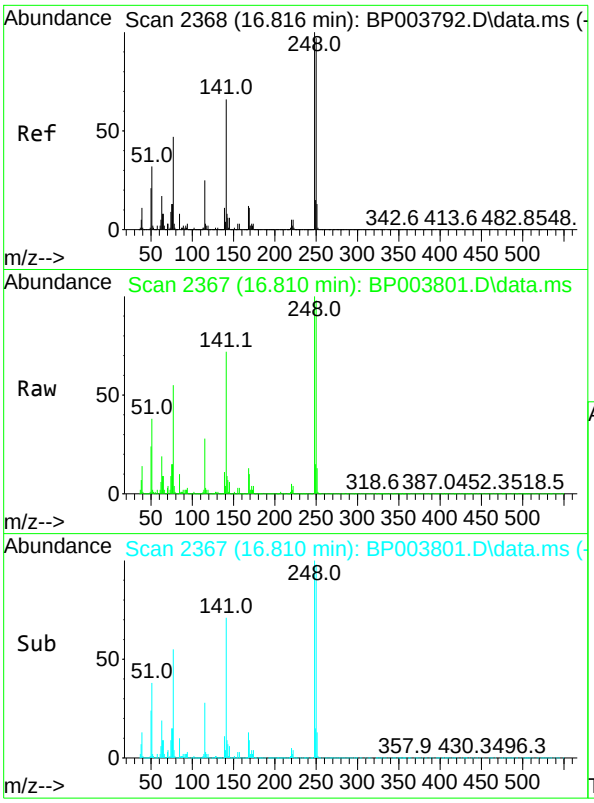

#66
n-Nitrosodiphenylamine
Concen: 44.26 ng
RT: 16.133 min Scan# 2252
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:169 Resp: 1083276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.2 | 53.8 | 80.6 |
| 167 | 34.9 | 28.9 | 43.3 |



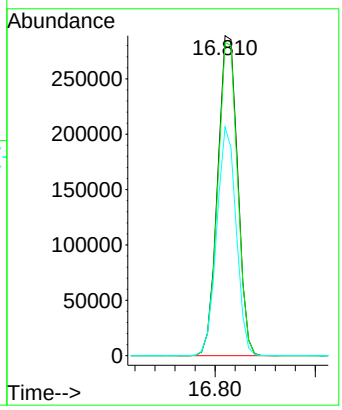
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

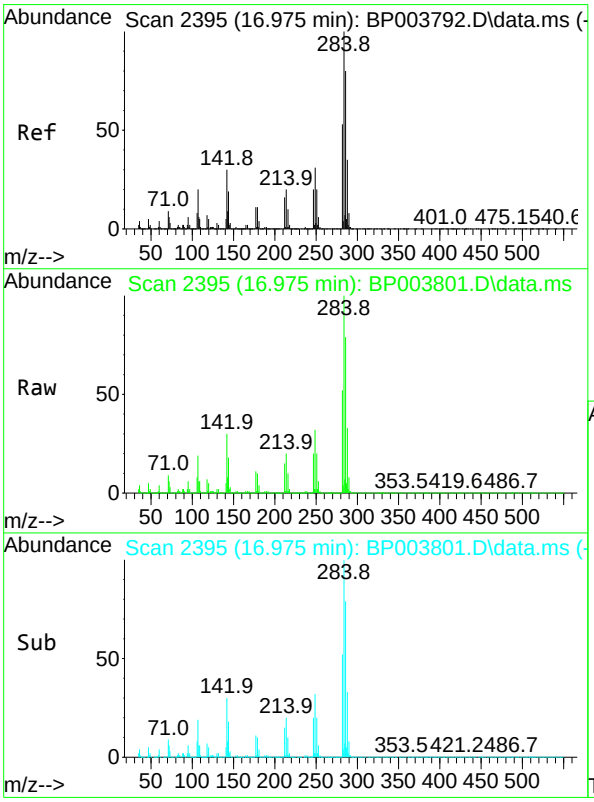



#67
4-Bromophenyl-phenylether
Concen: 42.56 ng
RT: 16.810 min Scan# 2367
Delta R.T. -0.006 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:248 Resp: 398159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.9 | 76.7 | 115.1 |
| 141 | 71.5 | 53.0 | 79.6 |

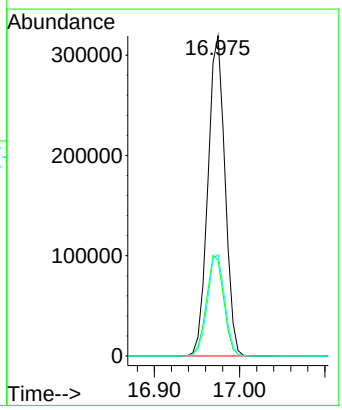


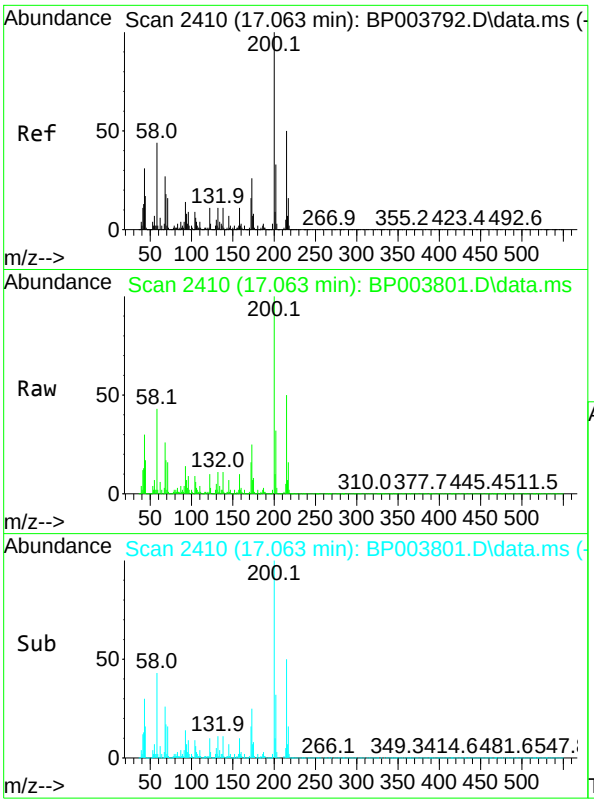

#68
Hexachlorobenzene
Concen: 41.46 ng
RT: 16.975 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:284 Resp: 442533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 30.0 | 24.2 | 36.4 |
| 249 | 31.7 | 23.8 | 35.8 |



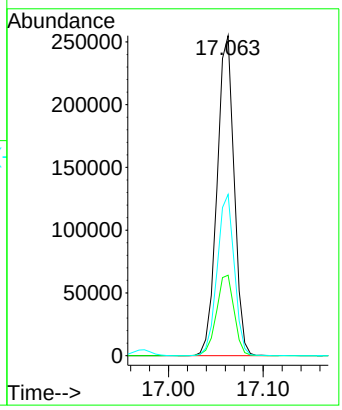
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

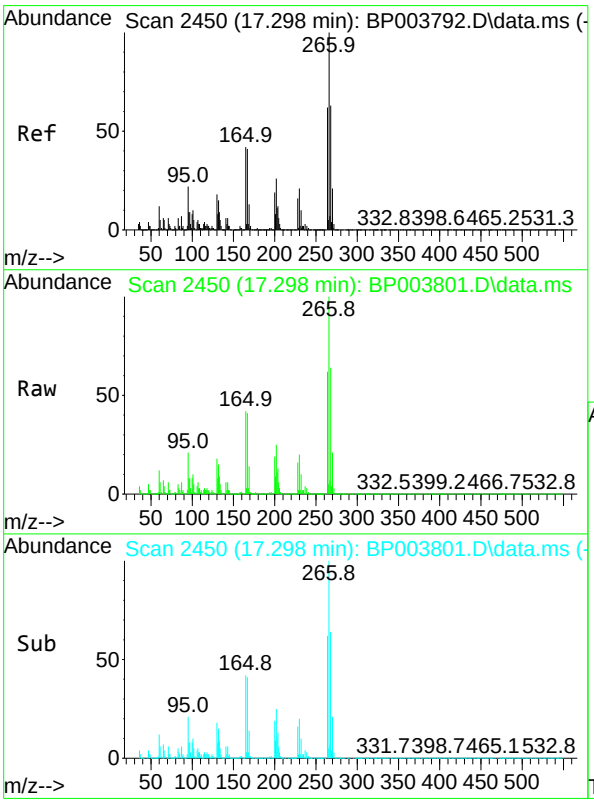



#69
Atrazine
Concen: 39.83 ng
RT: 17.063 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:200 Resp: 319992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 25.1 | 5.9 | 45.9 |
| 215 | 50.4 | 28.4 | 68.4 |

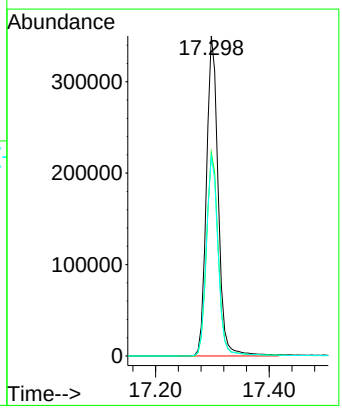


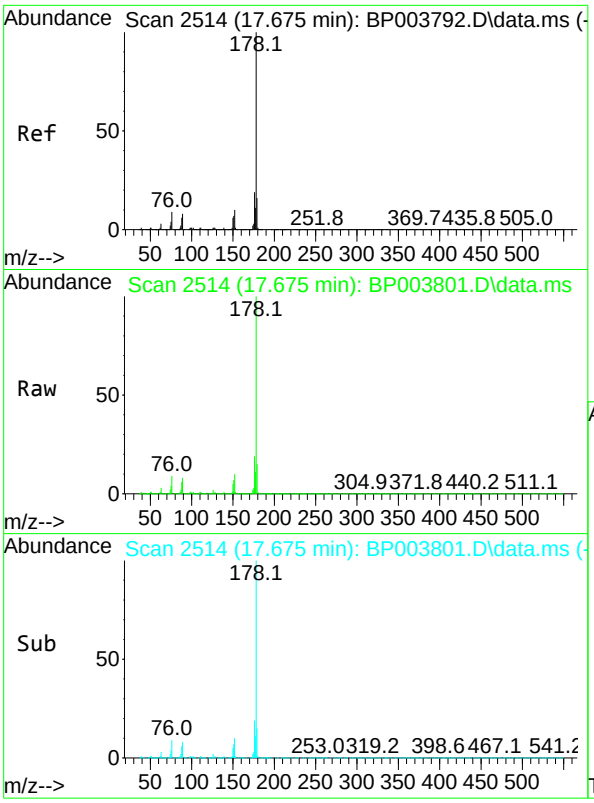

#70
Pentachlorophenol
Concen: 97.98 ng
RT: 17.298 min Scan# 2450
Delta R.T. 0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:266 Resp: 500262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.6 | 51.1 | 76.7 |
| 264 | 62.4 | 50.6 | 76.0 |



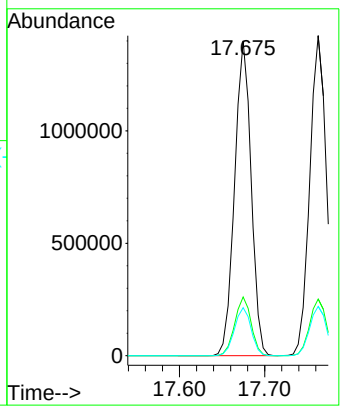
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

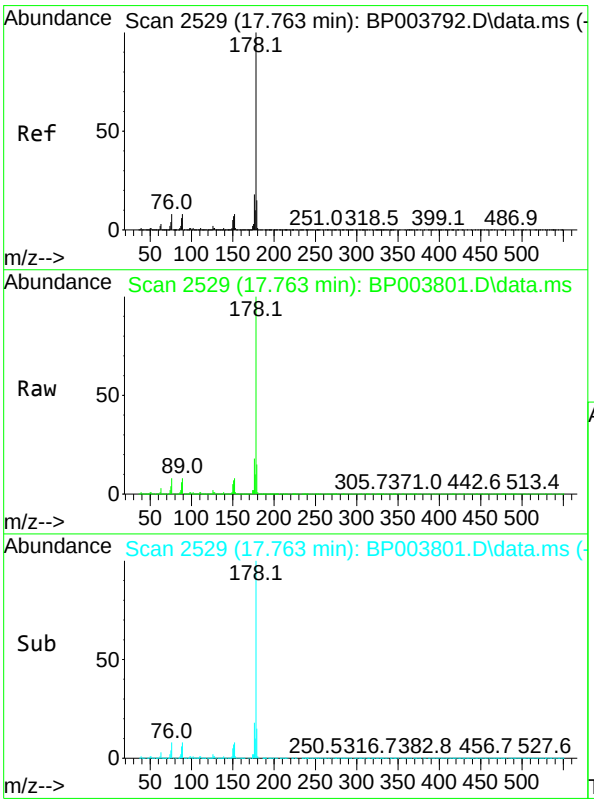



#71
Phenanthrene
Concen: 42.01 ng
RT: 17.675 min Scan# 2514
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:178 Resp: 1885184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 15.3 | 22.9 |
| 179 | 15.2 | 12.5 | 18.7 |

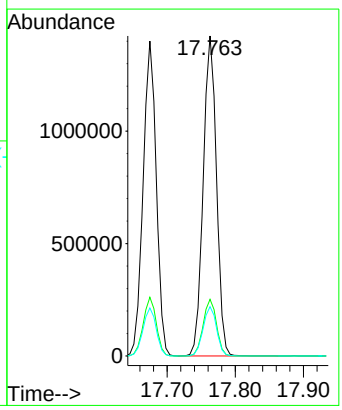


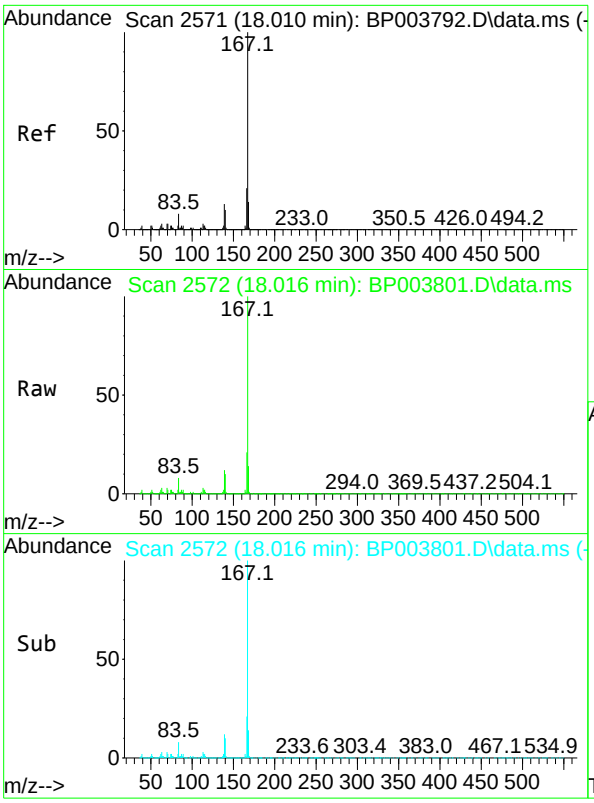

#72
Anthracene
Concen: 44.45 ng
RT: 17.763 min Scan# 2529
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:178 Resp: 1926232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 17.7 | 15.0 | 22.4 |
| 179 | 15.4 | 12.5 | 18.7 |



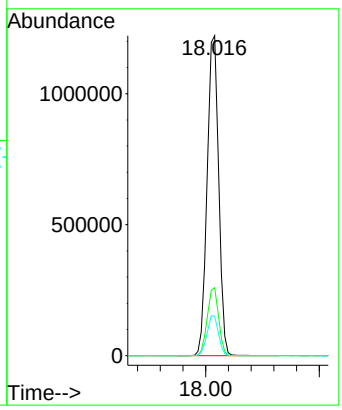
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

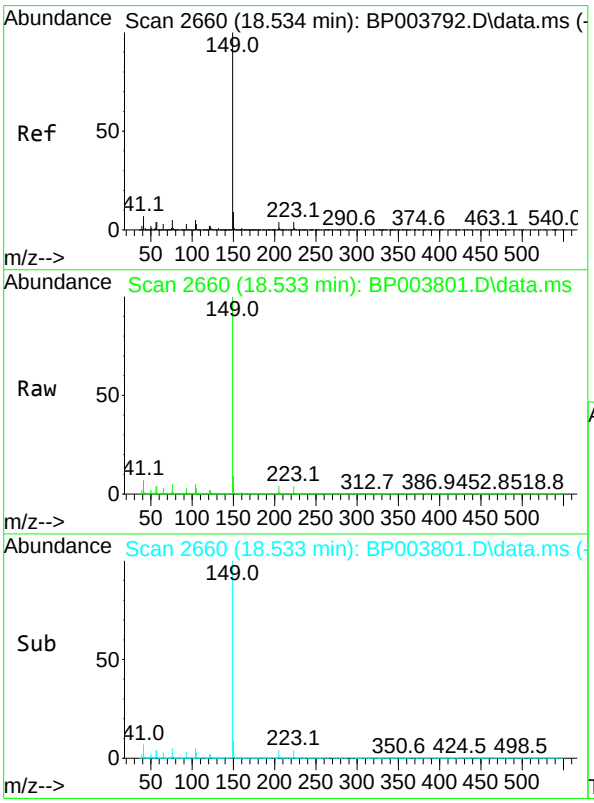



#73
Carbazole
Concen: 42.62 ng
RT: 18.016 min Scan# 2572
Delta R.T. 0.006 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:167 Resp: 1713539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.3 | 17.6 | 26.4 |
| 139 | 12.3 | 10.2 | 15.4 |

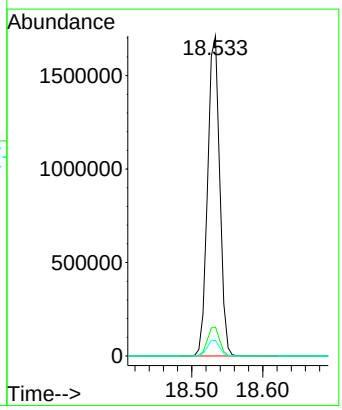


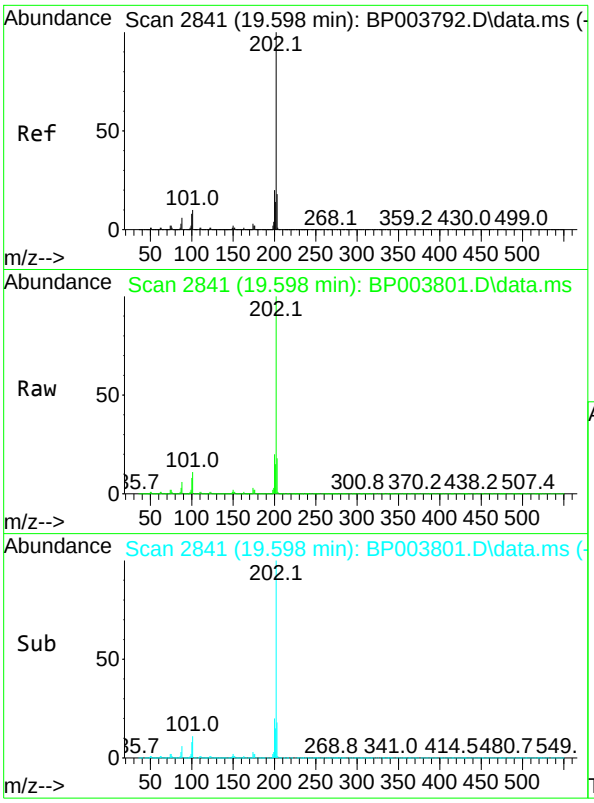

#74
Di-n-butylphthalate
Concen: 43.51 ng
RT: 18.533 min Scan# 2660
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:149 Resp: 2024929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.1 | 7.3 | 10.9 |
| 104 | 4.8 | 3.4 | 5.0 |



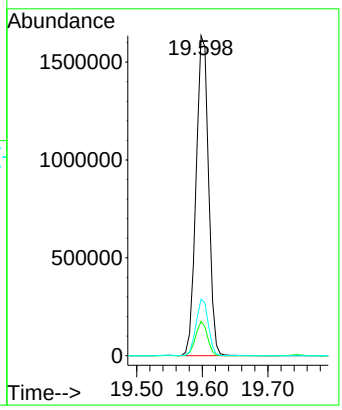
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

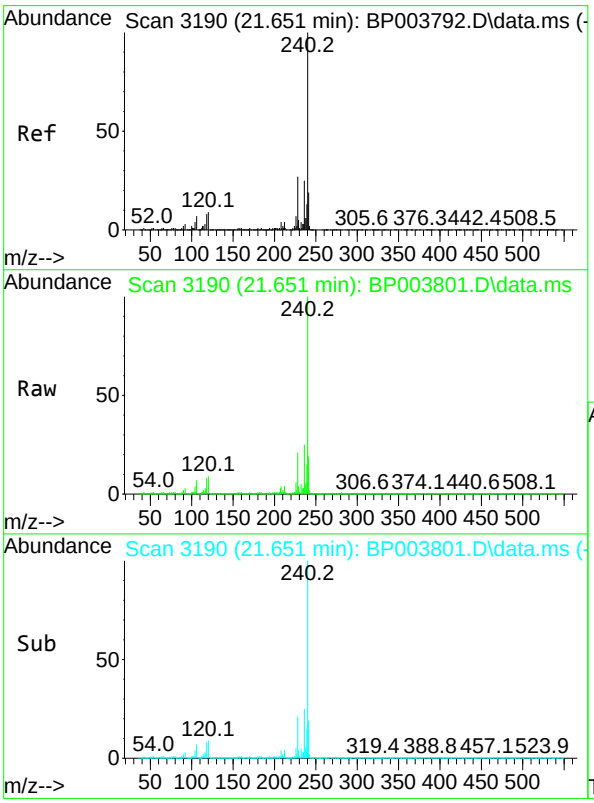



#75
Fluoranthene
Concen: 41.78 ng
RT: 19.598 min Scan# 2841
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:202 Resp: 2163193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.7 | 0.0 | 29.4 |
| 203 | 17.6 | 0.0 | 37.8 |

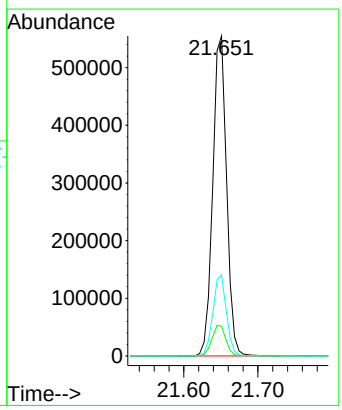


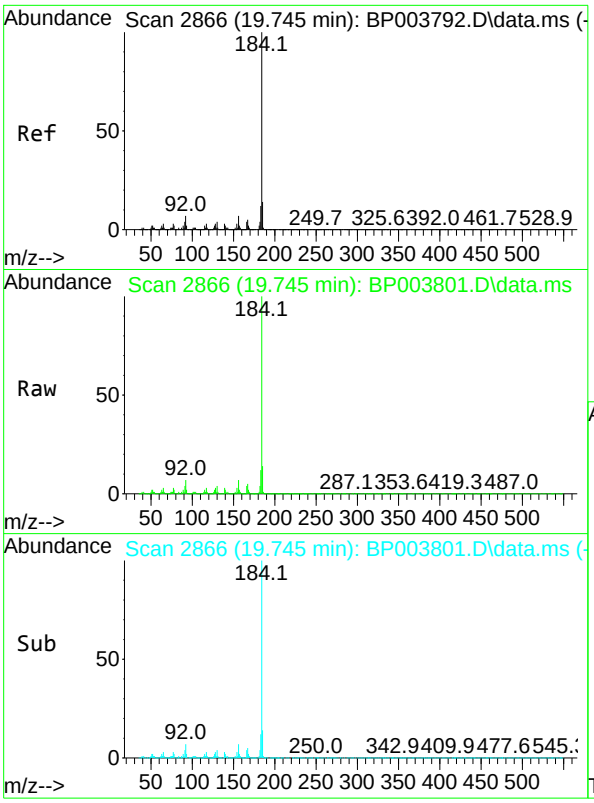

#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.651 min Scan# 3190
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:240 Resp: 717642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.2 | 7.8 | 11.6 |
| 236 | 25.3 | 20.8 | 31.2 |



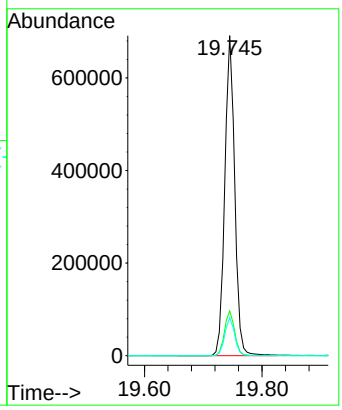
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

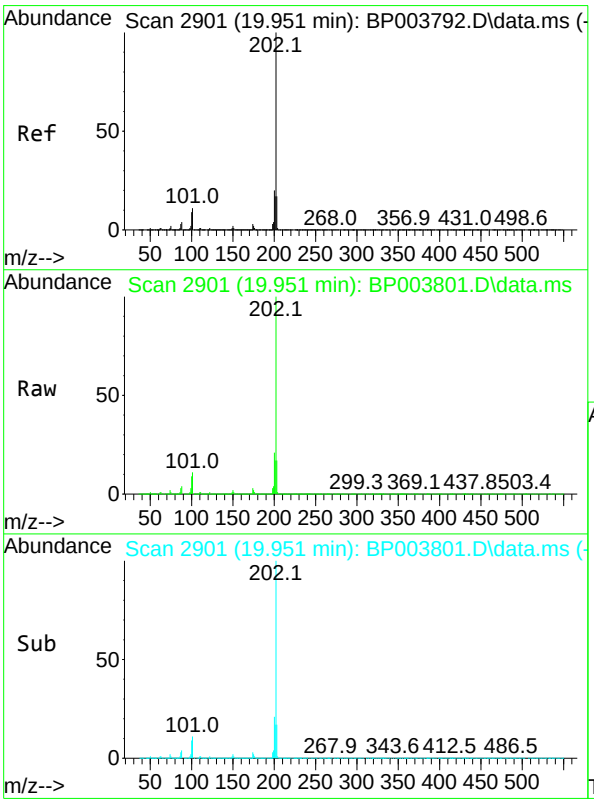



#77
Benzidine
Concen: 47.94 ng
RT: 19.745 min Scan# 2866
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:184 Resp: 811434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.0 | 11.5 | 17.3 |
| 183 | 11.9 | 9.6 | 14.4 |

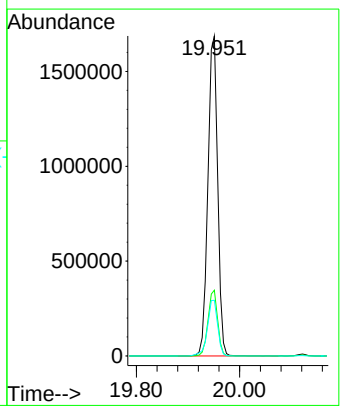


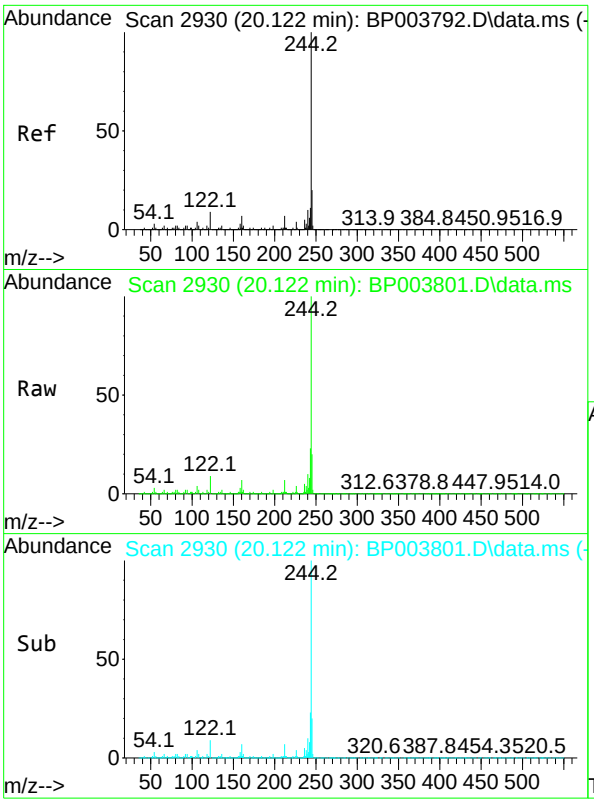

#78
Pyrene
Concen: 45.32 ng
RT: 19.951 min Scan# 2901
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:202 Resp: 2207020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.6 | 17.1 | 25.7 |
| 203 | 17.4 | 14.2 | 21.2 |



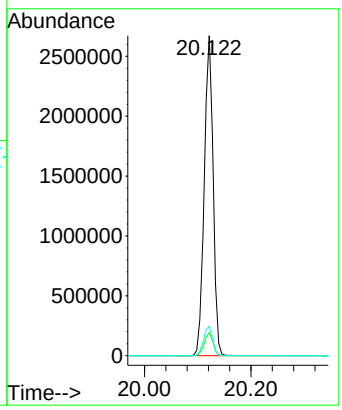
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

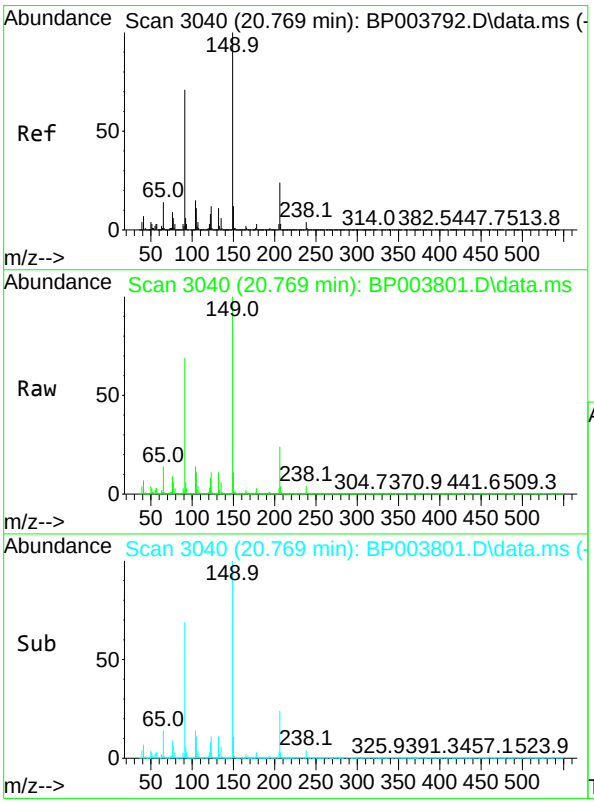



#79
Terphenyl-d14
Concen: 83.13 ng
RT: 20.122 min Scan# 2930
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:244 Resp: 3087991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.2 | 5.8 | 8.6 |
| 122 | 9.2 | 7.8 | 11.8 |

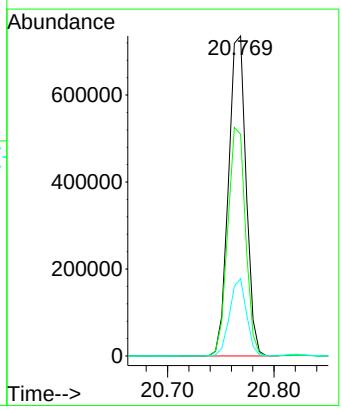


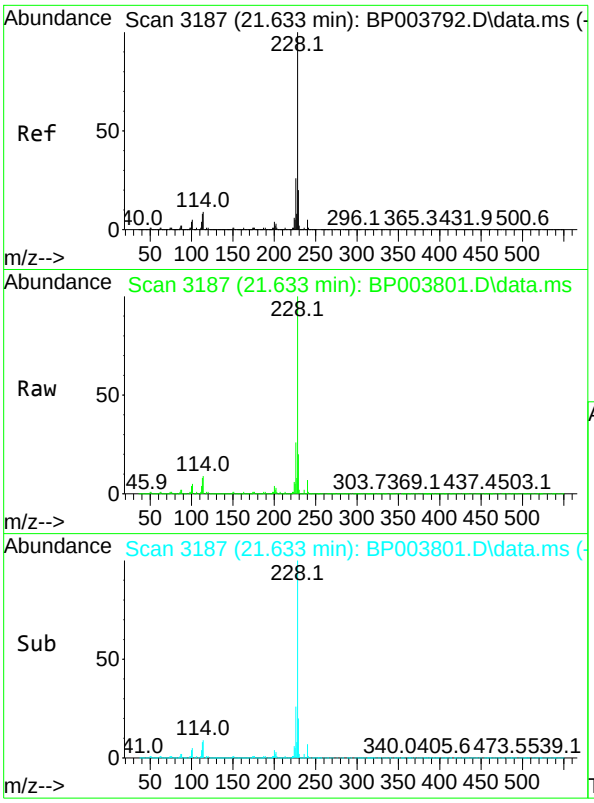

#80
Butylbenzylphthalate
Concen: 46.38 ng
RT: 20.769 min Scan# 3040
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:149 Resp: 841637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 69.3 | 45.4 | 68.0# |
| 206 | 24.2 | 17.1 | 25.7 |



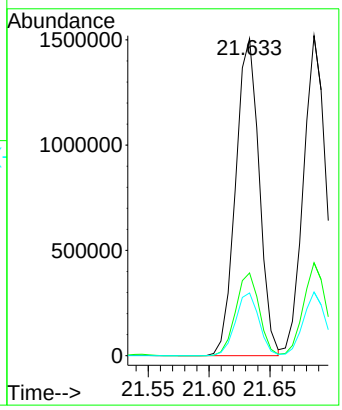
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

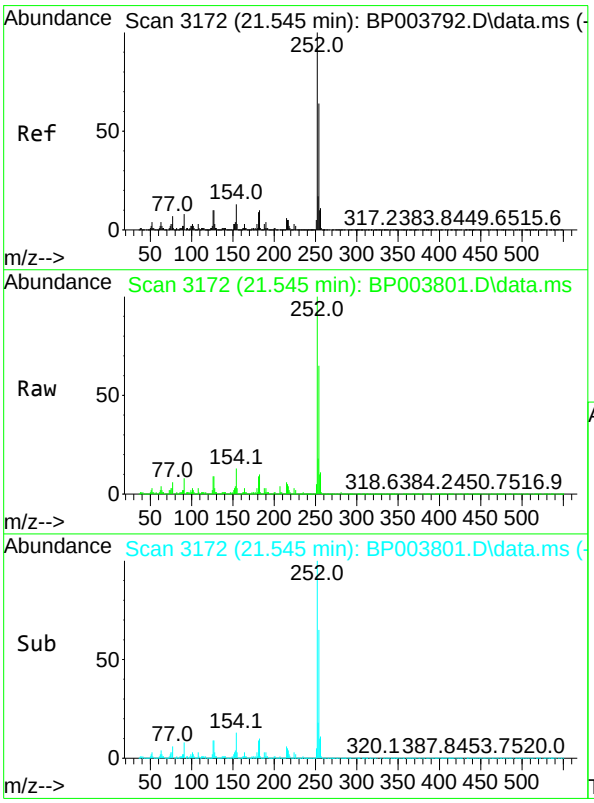



#81
Benzo(a)anthracene
Concen: 42.68 ng
RT: 21.633 min Scan# 3187
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:228 Resp: 2019679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.1 | 22.1 | 33.1 |
| 229 | 19.8 | 15.9 | 23.9 |

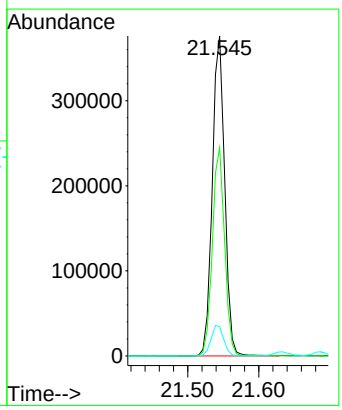


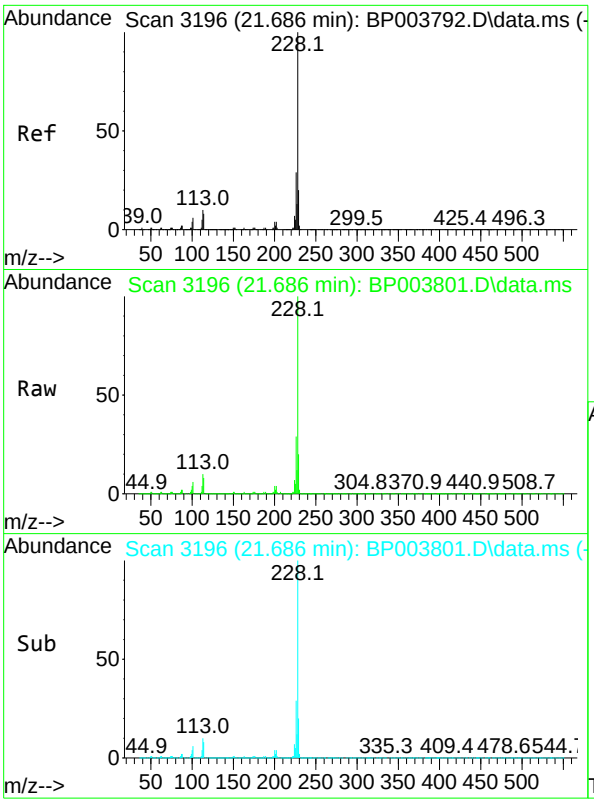

#82
3,3'-Dichlorobenzidine
Concen: 27.85 ng
RT: 21.545 min Scan# 3172
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:252 Resp: 454566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.1 | 51.0 | 76.4 |
| 126 | 9.2 | 7.9 | 11.9 |



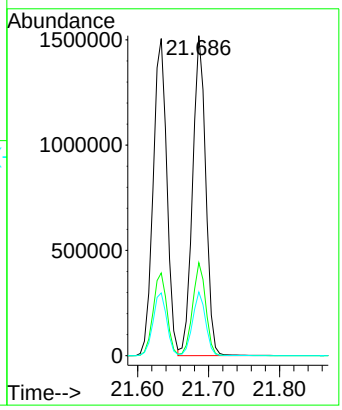
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

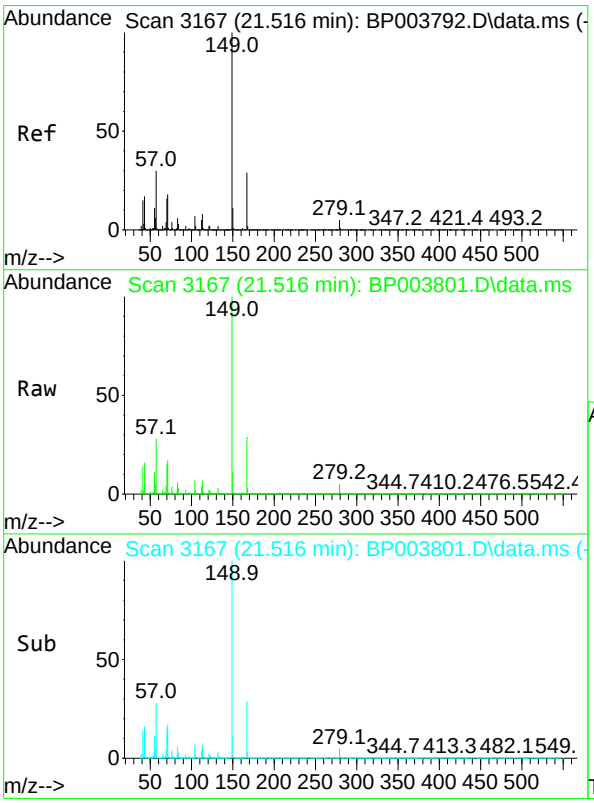



#83
Chrysene
Concen: 42.96 ng
RT: 21.686 min Scan# 3196
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:228 Resp: 1953314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.1 | 24.4 | 36.6 |
| 229 | 19.9 | 15.8 | 23.6 |

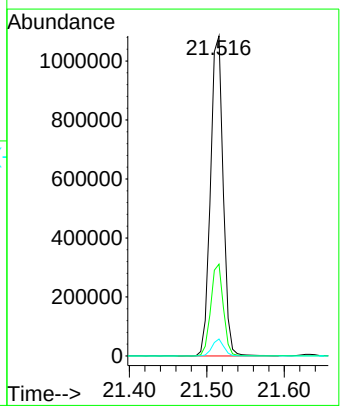


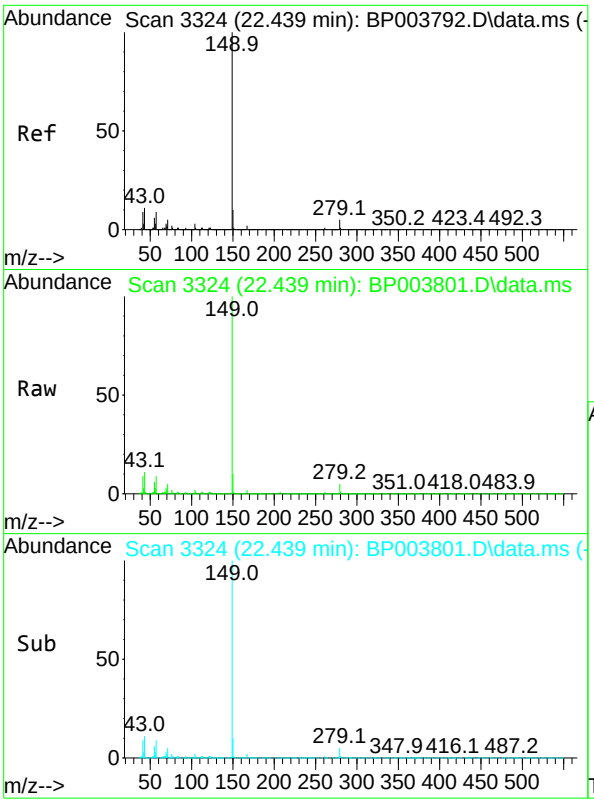

#84
Bis(2-ethylhexyl)phthalate
Concen: 45.95 ng
RT: 21.516 min Scan# 3167
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:149 Resp: 1229171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.7 | 22.6 | 34.0 |
| 279 | 5.3 | 4.2 | 6.2 |



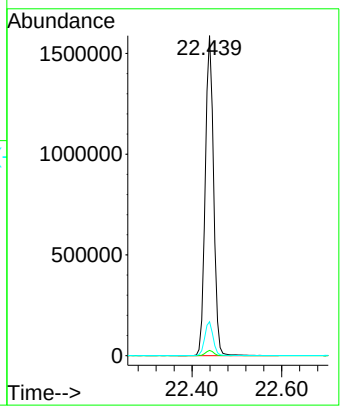
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

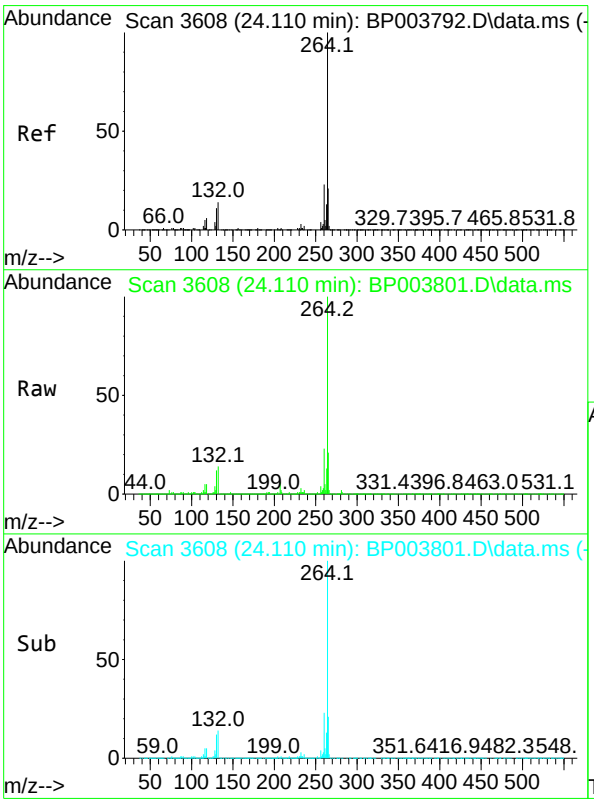



#85
Di-n-octyl phthalate
Concen: 45.84 ng
RT: 22.439 min Scan# 3324
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:149 Resp: 2042574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.3 | 1.9 |
| 43 | 10.7 | 3.7 | 5.5# |

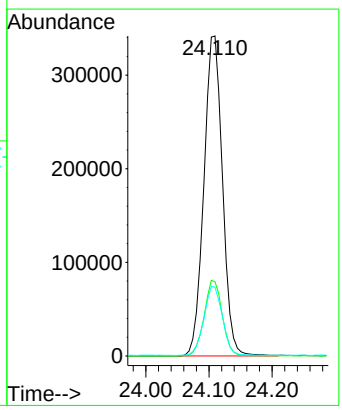


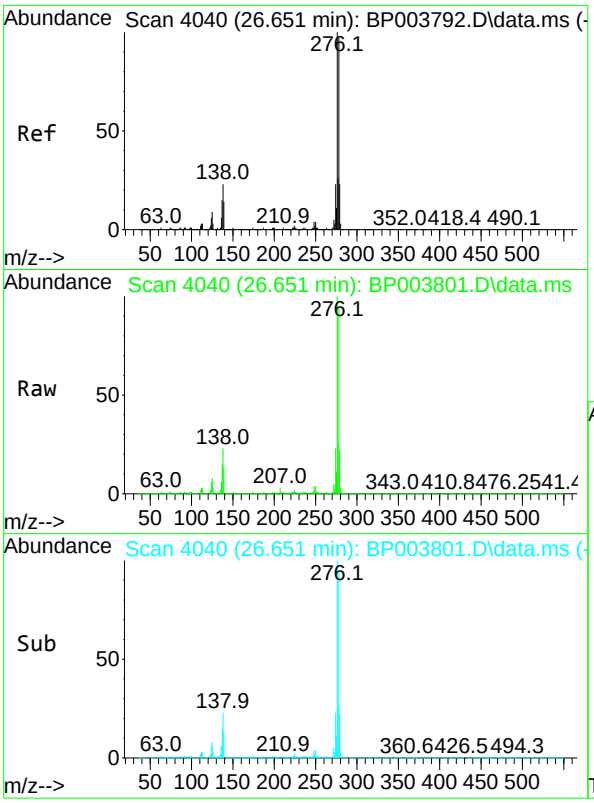

#86
Perylene-d12
Concen: 20.00 ng
RT: 24.110 min Scan# 3608
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:264 Resp: 700596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.2 | 18.8 | 28.2 |
| 265 | 21.5 | 17.4 | 26.2 |



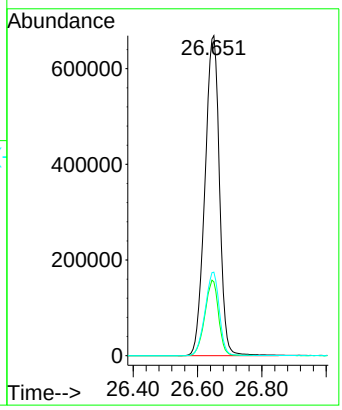
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

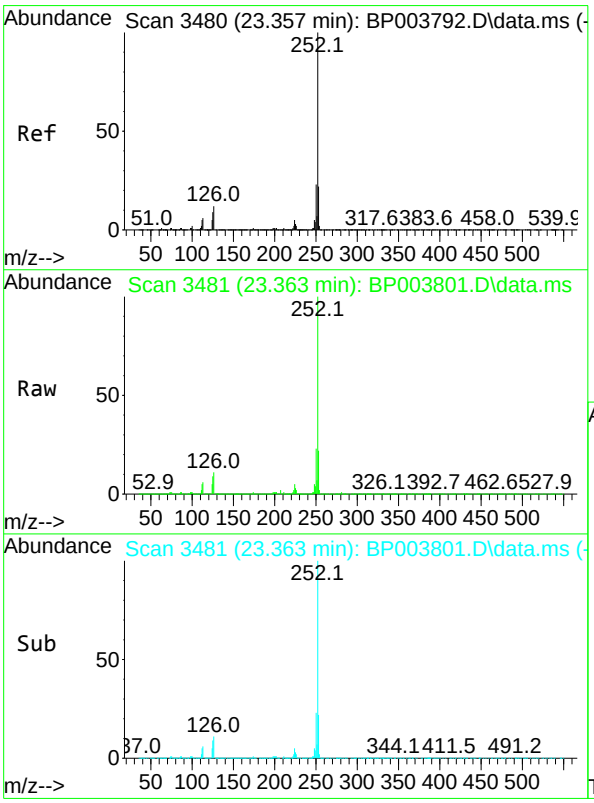



#87
Indeno(1,2,3-cd)pyrene
Concen: 41.42 ng
RT: 26.651 min Scan# 4040
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:276 Resp: 2093407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 22.3 | 18.7 | 28.1 |
| 277 | 25.5 | 20.4 | 30.6 |

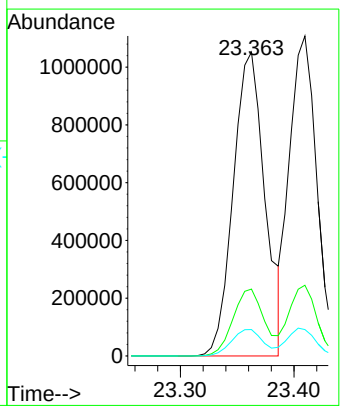


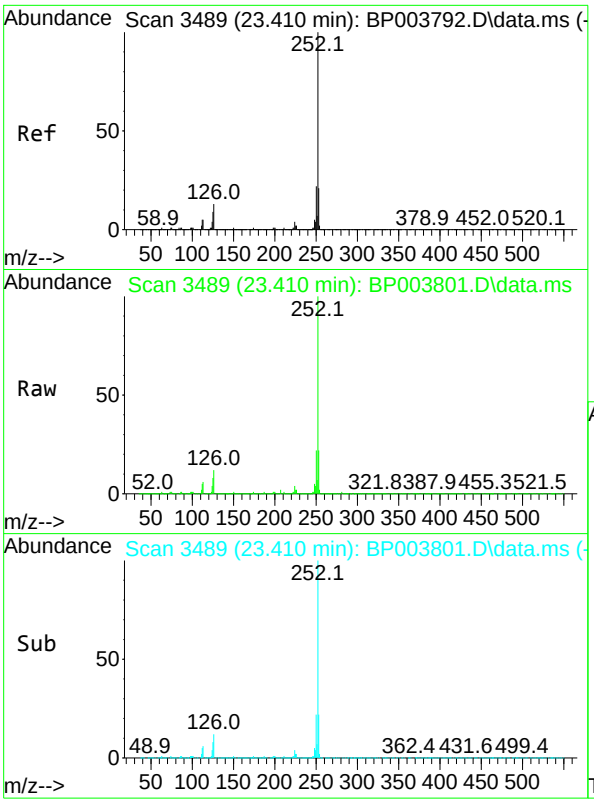

#88
Benzo(b)fluoranthene
Concen: 44.51 ng
RT: 23.363 min Scan# 3481
Delta R.T. 0.006 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:252 Resp: 2040473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.6 | 26.4 |
| 125 | 8.7 | 7.3 | 10.9 |



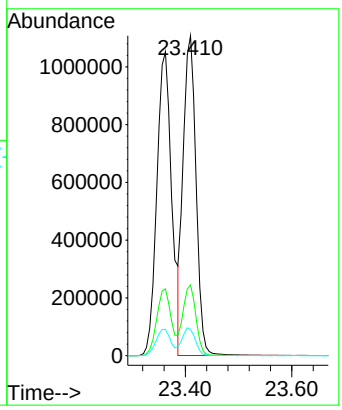
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

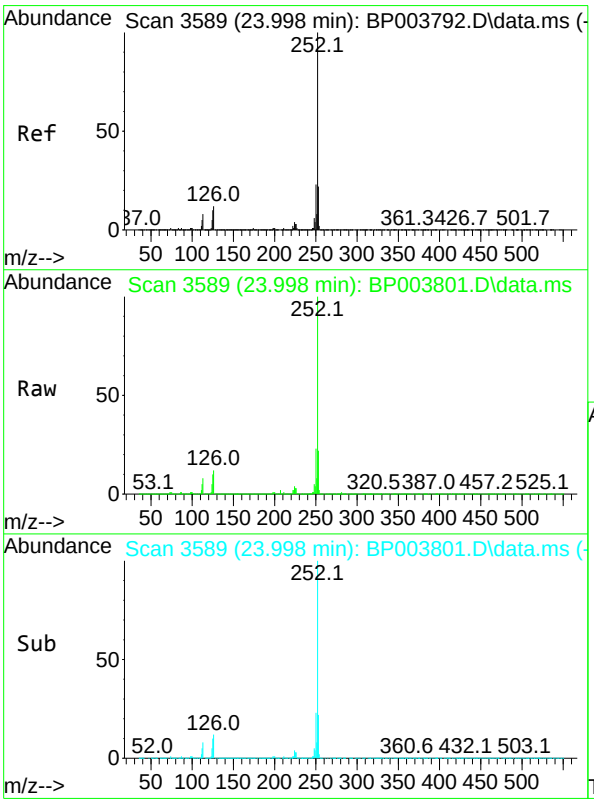



#89
Benzo(k)fluoranthene
Concen: 41.06 ng
RT: 23.410 min Scan# 3489
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:252 Resp: 1858703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.8 | 26.8 |
| 125 | 8.3 | 7.4 | 11.2 |

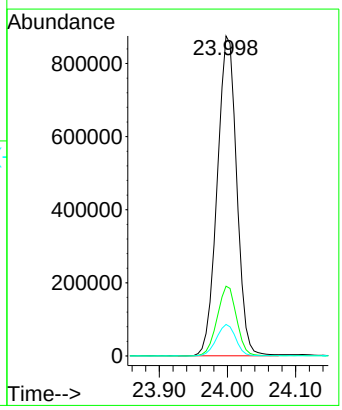


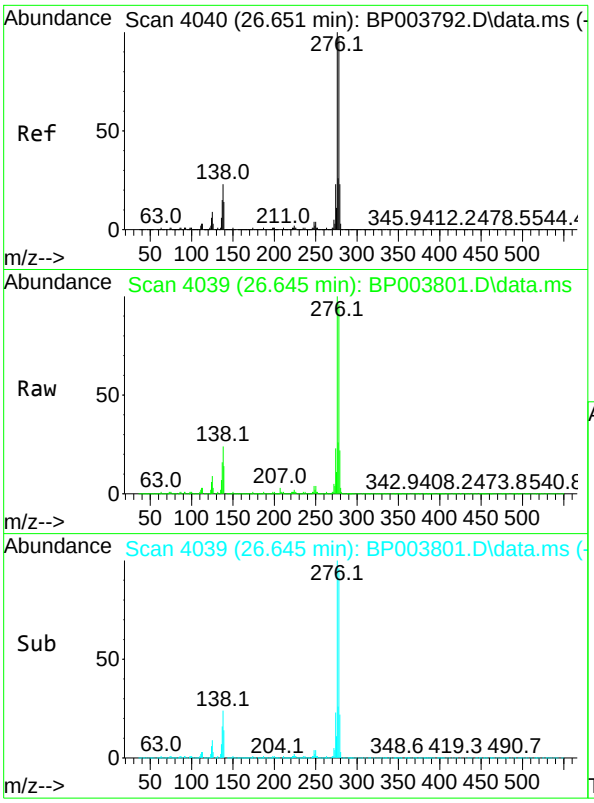

#90
Benzo(a)pyrene
Concen: 41.04 ng
RT: 23.998 min Scan# 3589
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:252 Resp: 1741746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.4 | 26.0 |
| 125 | 9.9 | 8.2 | 12.4 |



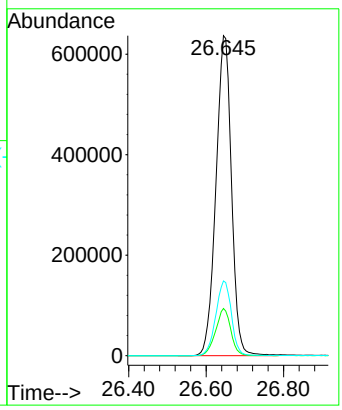
**Instrument :**
BNA_P
**ClientSampleId :**
PB132782BS

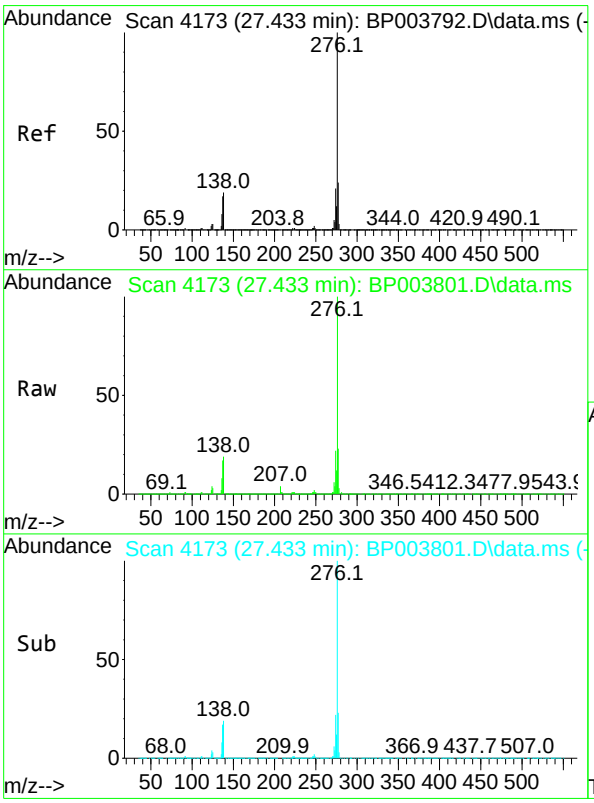



#91
Dibenzo(a,h)anthracene
Concen: 42.03 ng
RT: 26.645 min Scan# 4039
Delta R.T. -0.006 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:278 Resp: 1770632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 14.8 | 12.4 | 18.6 |
| 279 | 23.4 | 19.0 | 28.6 |




#92
Benzo(g,h,i)perylene
Concen: 42.80 ng
RT: 27.433 min Scan# 4173
Delta R.T. -0.000 min
Lab File: BP003801.D
Acq: 04 Nov 2020 11:08

Tgt Ion:276 Resp: 1745127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.2 | 19.0 | 28.6 |
| 138 | 18.7 | 16.6 | 24.8 |