Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122220\
Data File : BF122827.D
Acq On : 22 Dec 2020 23:05
Operator : JU/CG
Sample : L5193-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** LLEXSITUTV-021-001-SOMSD

Quant Time: Dec 31 08:31:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.822 | 152 | 170082 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.104 | 136 | 664541 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.863 | 164 | 366326 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.351 | 188 | 679510 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.998 | 240 | 525467 | 20.00 | ng | | 0.01 |
| 86) Perylene-d12 | 15.451 | 264 | 477802 | 20.00 | ng | | 0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.451 | 112 | 1017374 | 94.70 | ng | | 0.02 |
| 7) Phenol-d6 | 6.463 | 99 | 1443897 | 101.34 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.392 | 82 | 1075150 | 81.06 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.657 | 330 | 419406 | 87.47 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.186 | 172 | 2014408 | 74.38 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.939 | 244 | 2208357 | 73.56 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.663 | 88 | 195443 | 38.70 | ng | | 97 |
| 3) Pyridine | 3.398 | 79 | 558078 | 41.81 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.363 | 42 | 241133 | 45.05 | ng | | 100 |
| 6) Aniline | 6.486 | 93 | 526914 | 31.42 | ng | | 95 |
| 8) 2-Chlorophenol | 6.610 | 128 | 588436 | 49.69 | ng | | 97 |
| 9) Benzaldehyde | 6.369 | 77 | 168785 | 19.57 | ng | | 99 |
| 10) Phenol | 6.475 | 94 | 669923 | 45.38 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 6.557 | 93 | 547966 | 48.58 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.763 | 146 | 622630 | 44.44 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.839 | 146 | 626416 | 44.34 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.992 | 146 | 603448 | 44.25 | ng | | 99 |
| 15) Benzyl Alcohol | 6.969 | 79 | 484429 | 49.38 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.098 | 45 | 671360 | 41.74 | ng | | 93 |
| 17) 2-Methylphenol | 7.086 | 107 | 473258 | 50.28 | ng | | 95 |
| 18) Hexachloroethane | 7.333 | 117 | 227434 | 45.17 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 7.245 | 70 | 375521 | 46.01 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.239 | 107 | 543245 | 45.68 | ng | | 96 |
| 22) Acetophenone | 7.233 | 105 | 729476 | 44.15 | ng | # | 96 |
| 24) Nitrobenzene | 7.410 | 77 | 590520 | 44.75 | ng | | 99 |
| 25) Isophorone | 7.651 | 82 | 1100803 | 48.19 | ng | | 99 |
| 26) 2-Nitrophenol | 7.722 | 139 | 323445 | 50.26 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.763 | 122 | 512263 | 54.31 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.857 | 93 | 699218 | 44.69 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.969 | 162 | 508813 | 46.19 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.051 | 180 | 544814 | 43.65 | ng | | 98 |
| 31) Naphthalene | 8.128 | 128 | 1638288 | 44.68 | ng | | 99 |
| 32) Benzoic acid | 7.922 | 122 | 336621 | 44.79 | ng | | 97 |
| 33) 4-Chloroaniline | 8.175 | 127 | 293342 | 19.14 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.245 | 225 | 322135 | 41.94 | ng | | 99 |
| 35) Caprolactam | 8.569 | 113 | 104781 | 31.58 | ng | | 93 |
| 36) 4-Chloro-3-methylphenol | 8.675 | 107 | 542224 | 49.97 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.822 | 142 | 1123811 | 46.33 | ng | | 98 |
| 38) 1-Methylnaphthalene | 8.922 | 142 | 1034348 | 45.08 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 8.986 | 216 | 525662 | 43.32 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 8.975 | 237 | 493836 | 92.05 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.104 | 196 | 366089 | 43.69 | ng | | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122220\
Data File : BF122827.D
Acq On : 22 Dec 2020 23:05
Operator : JU/CG
Sample : L5193-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** LLEXSITUTV-021-001-SOMSD

Quant Time: Dec 31 08:31:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.151 | 196 | 399075 | 46.07 | ng | | 97 |
| 46) 1,1'-Biphenyl | 9.286 | 154 | 1346541 | 44.29 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.310 | 162 | 1073377 | 42.61 | ng | | 100 |
| 48) 2-Nitroaniline | 9.410 | 65 | 317039 | 43.17 | ng | | 97 |
| 49) Acenaphthylene | 9.727 | 152 | 1648170 | 44.30 | ng | | 100 |
| 50) Dimethylphthalate | 9.592 | 163 | 1387877 | 47.44 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.657 | 165 | 304831 | 49.33 | ng | | 93 |
| 52) Acenaphthene | 9.898 | 154 | 976937 | 40.59 | ng | | 99 |
| 53) 3-Nitroaniline | 9.822 | 138 | 165710 | 23.21 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 9.939 | 184 | 257586 | 85.27 | ng | # | 90 |
| 55) Dibenzofuran | 10.074 | 168 | 1486902 | 43.91 | ng | | 98 |
| 56) 4-Nitrophenol | 9.998 | 139 | 438236 | 86.08 | ng | | 89 |
| 57) 2,4-Dinitrotoluene | 10.063 | 165 | 382850 | 46.52 | ng | | 99 |
| 58) Fluorene | 10.416 | 166 | 1150028 | 42.70 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.192 | 232 | 350753 | 46.09 | ng | | 99 |
| 60) Diethylphthalate | 10.286 | 149 | 1302303 | 45.77 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.404 | 204 | 564281 | 42.55 | ng | | 98 |
| 62) 4-Nitroaniline | 10.445 | 138 | 303147 | 41.83 | ng | | 96 |
| 63) Azobenzene | 10.563 | 77 | 1180717 | 45.14 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.474 | 198 | 207842 | 50.16 | ng | | 94 |
| 66) n-Nitrosodiphenylamine | 10.527 | 169 | 1088496 | 45.34 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 10.892 | 248 | 404684 | 43.95 | ng | | 95 |
| 68) Hexachlorobenzene | 10.963 | 284 | 446220 | 43.84 | ng | | 99 |
| 69) Atrazine | 11.057 | 200 | 335942 | 43.08 | ng | | 99 |
| 70) Pentachlorophenol | 11.163 | 266 | 454635 | 84.30 | ng | | 99 |
| 71) Phenanthrene | 11.380 | 178 | 1759969 | 43.58 | ng | | 99 |
| 72) Anthracene | 11.427 | 178 | 1825194 | 45.58 | ng | | 100 |
| 73) Carbazole | 11.586 | 167 | 1640998 | 45.19 | ng | | 100 |
| 74) Di-n-butylphthalate | 11.910 | 149 | 1991293 | 43.64 | ng | | 100 |
| 75) Fluoranthene | 12.568 | 202 | 1860760 | 43.94 | ng | | 99 |
| 77) Benzidine | 12.686 | 184 | 601008 | 52.88 | ng | | 99 |
| 78) Pyrene | 12.798 | 202 | 1831679 | 45.09 | ng | | 100 |
| 80) Butylbenzylphthalate | 13.410 | 149 | 868639 | 47.47 | ng | | 99 |
| 81) Benzo(a)anthracene | 13.986 | 228 | 1623768 | 46.24 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.945 | 252 | 427760 | 34.01 | ng | | 98 |
| 83) Chrysene | 14.027 | 228 | 1585217 | 45.36 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 13.968 | 149 | 1144219 | 45.66 | ng | | 100 |
| 85) Di-n-octyl phthalate | 14.580 | 149 | 1903014 | 45.78 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 16.915 | 276 | 1464179 | 46.68 | ng | | 100 |
| 88) Benzo(b)fluoranthene | 15.033 | 252 | 1632009 | 48.68 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 15.062 | 252 | 1480274 | 48.29 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.398 | 252 | 1377177 | 46.96 | ng | | 100 |
| 91) Dibenzo(a,h)anthracene | 16.927 | 278 | 1215585 | 47.36 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.350 | 276 | 1210360 | 48.72 | ng | | 100 |

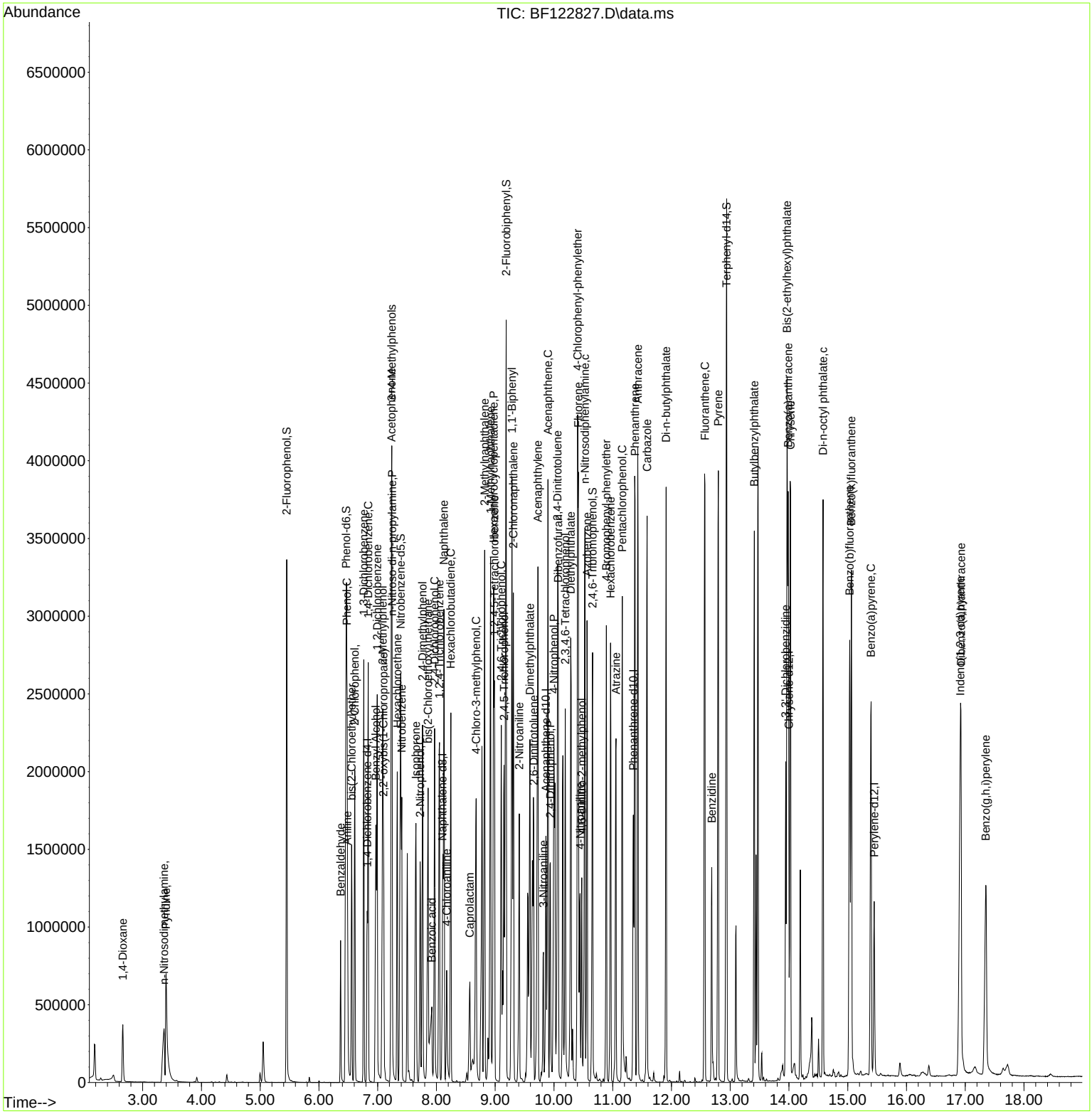
(#) = qualifier out of range (m) = manual integration (+) = signals summed

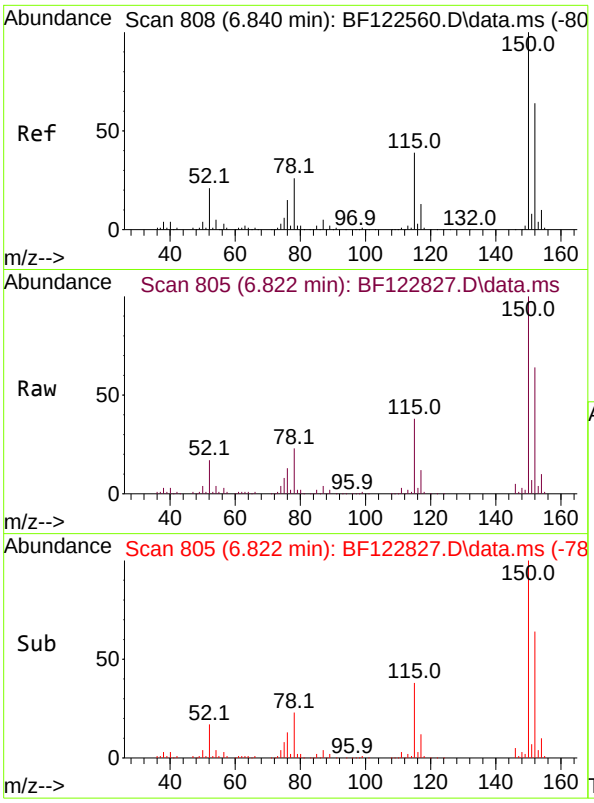
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122220\
Data File : BF122827.D
Acq On : 22 Dec 2020 23:05
Operator : JU/CG
Sample : L5193-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

Quant Time: Dec 31 08:31:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

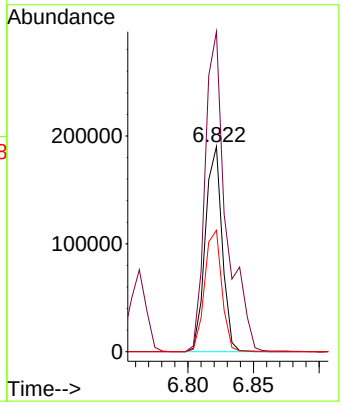




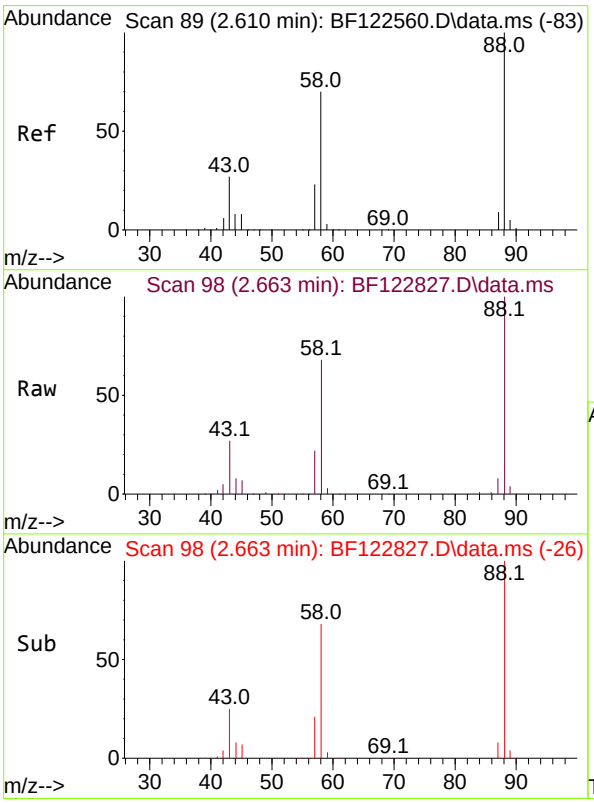

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:152 Resp: 170082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.1 | 125.8 | 188.6 |
| 115 | 59.2 | 49.3 | 73.9 |



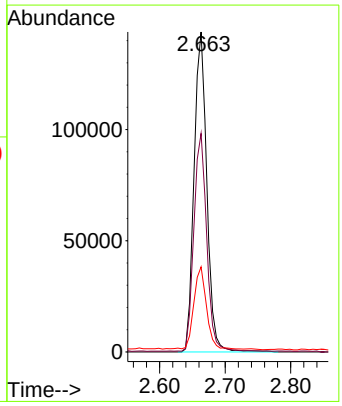

**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

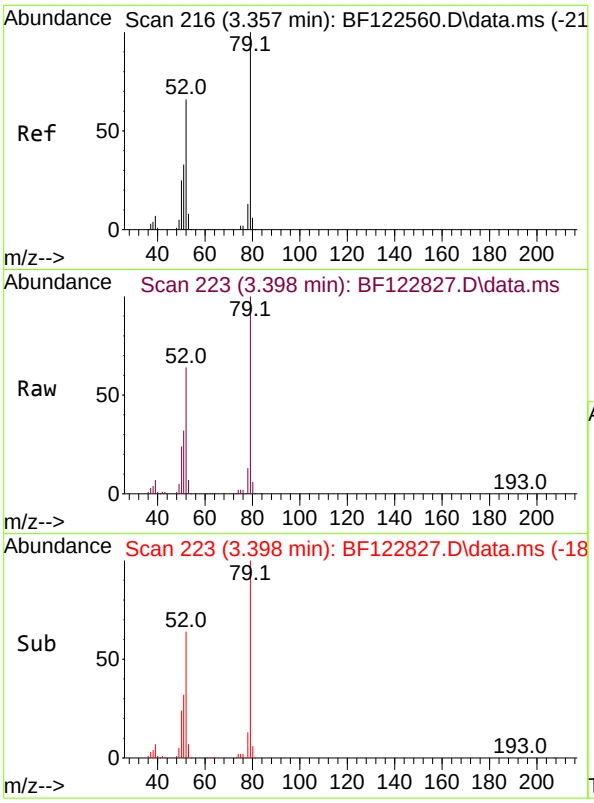



#2
1,4-Dioxane
Concen: 38.70 ng
RT: 2.663 min Scan# 98
Delta R.T. 0.123 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion: 88 Resp: 195443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 68.3 | 56.2 | 84.2 |
| 43 | 25.3 | 21.8 | 32.6 |

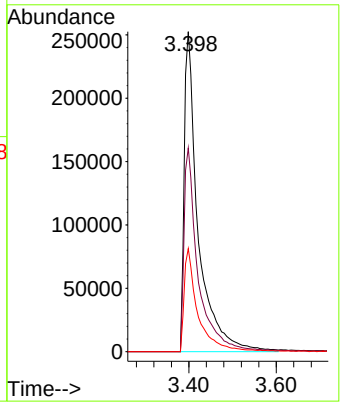




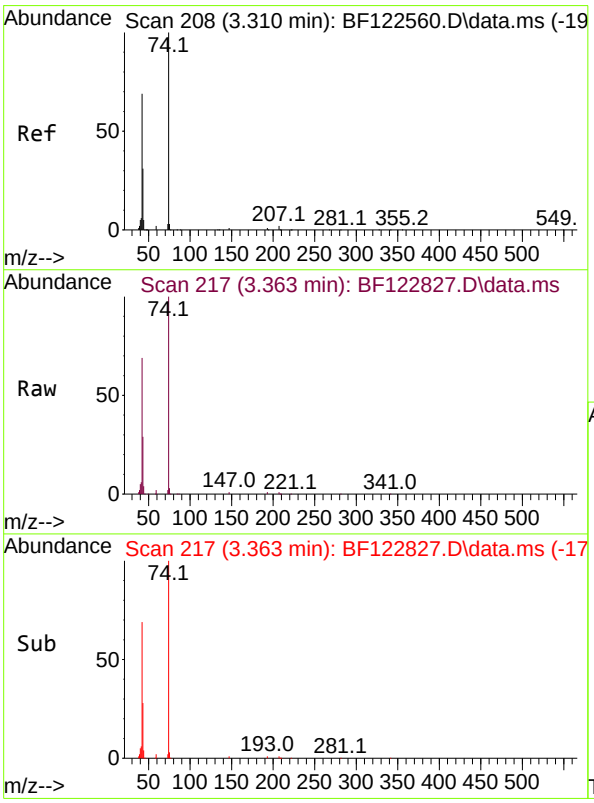

#3
Pyridine
Concen: 41.81 ng
RT: 3.398 min Scan# 223
Delta R.T. 0.111 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion: 79 Resp: 558078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 63.7 | 53.0 | 79.4 |
| 51 | 32.2 | 26.6 | 39.8 |



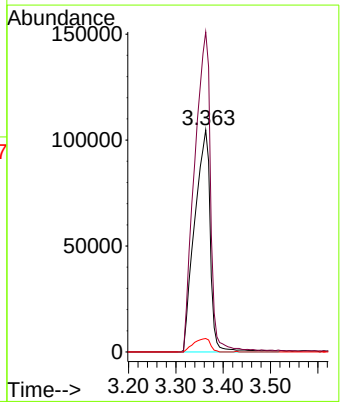

**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

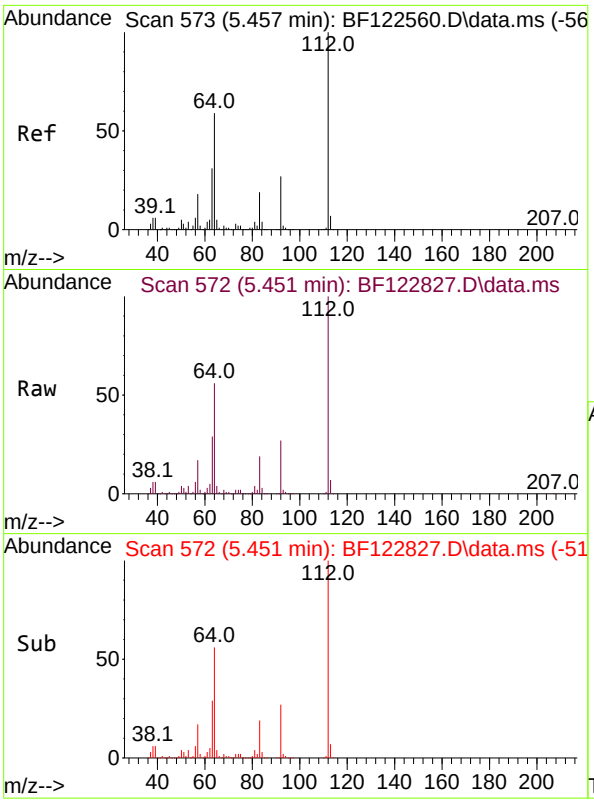



#4
n-Nitrosodimethylamine
Concen: 45.05 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.123 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion: 42 Resp: 241133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 144.1 | 115.2 | 172.8 |
| 44 | 6.1 | 5.4 | 8.0 |

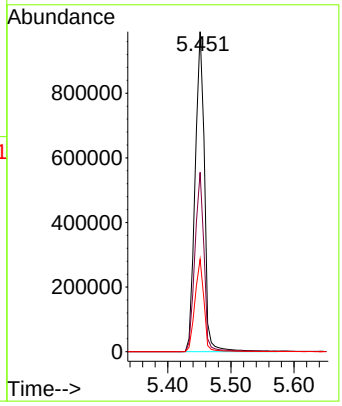




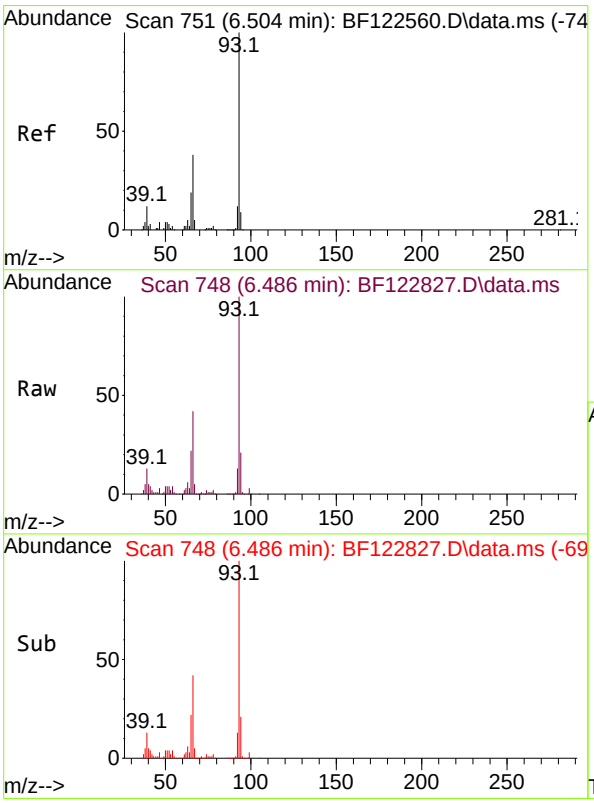

#5
2-Fluorophenol
Concen: 94.70 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.017 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:112 Resp: 1017374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 56.1 | 46.9 | 70.3 |
| 63 | 28.9 | 24.5 | 36.7 |



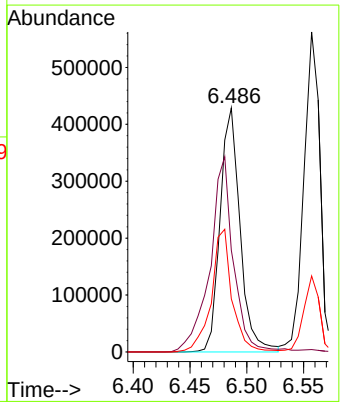

**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD



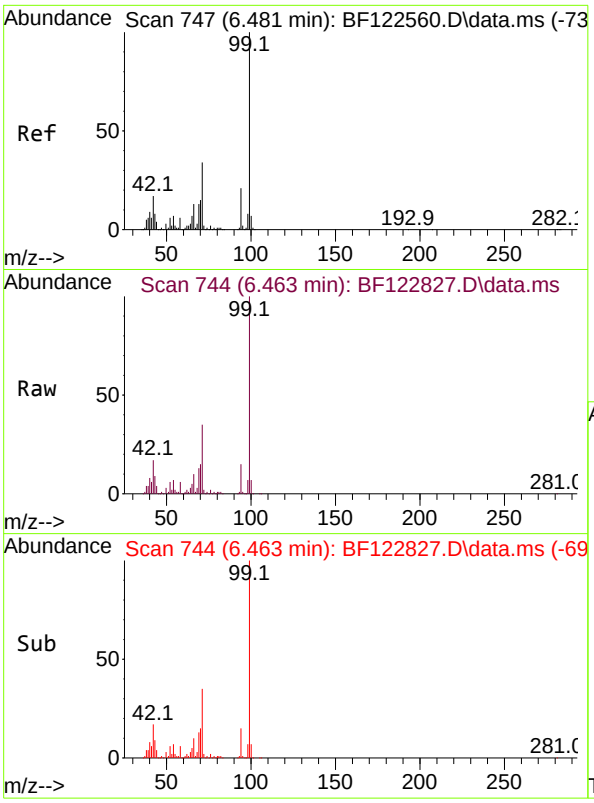

#6
Aniline
Concen: 31.42 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion: 93 Resp: 526914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 41.7 | 31.3 | 46.9 |
| 65 | 21.8 | 15.6 | 23.4 |



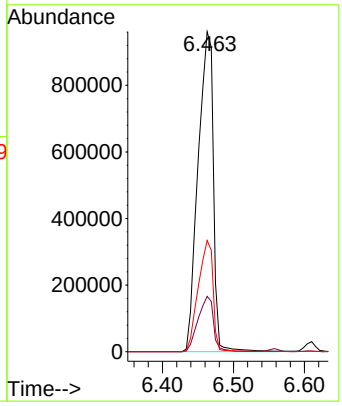
**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

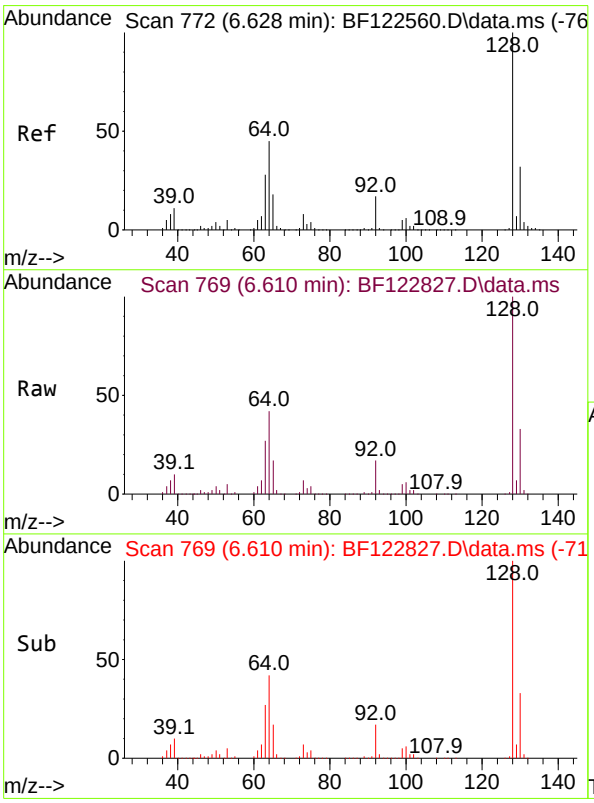



#7
Phenol-d6
Concen: 101.34 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion: 99 Resp: 1443897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.3 | 13.8 | 20.6 |
| 71 | 34.7 | 26.9 | 40.3 |

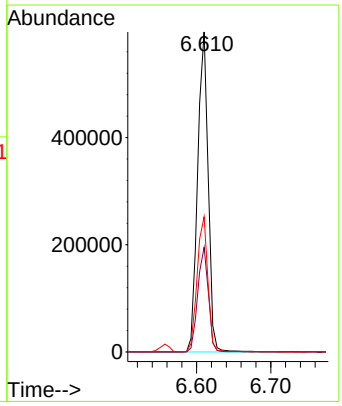


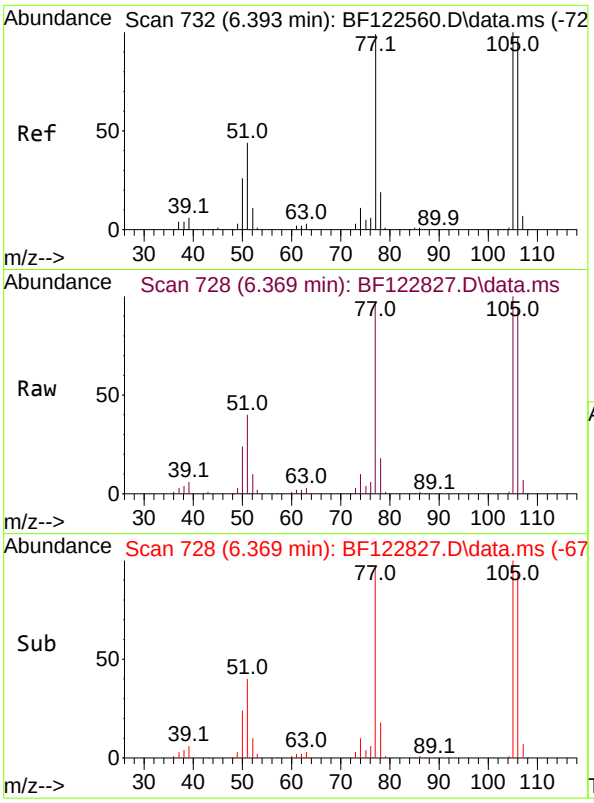

#8
2-Chlorophenol
Concen: 49.69 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:128 Resp: 588436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.7 | 12.3 | 52.3 |
| 64 | 42.3 | 25.5 | 65.5 |



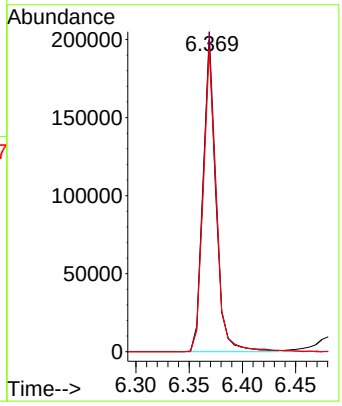
**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

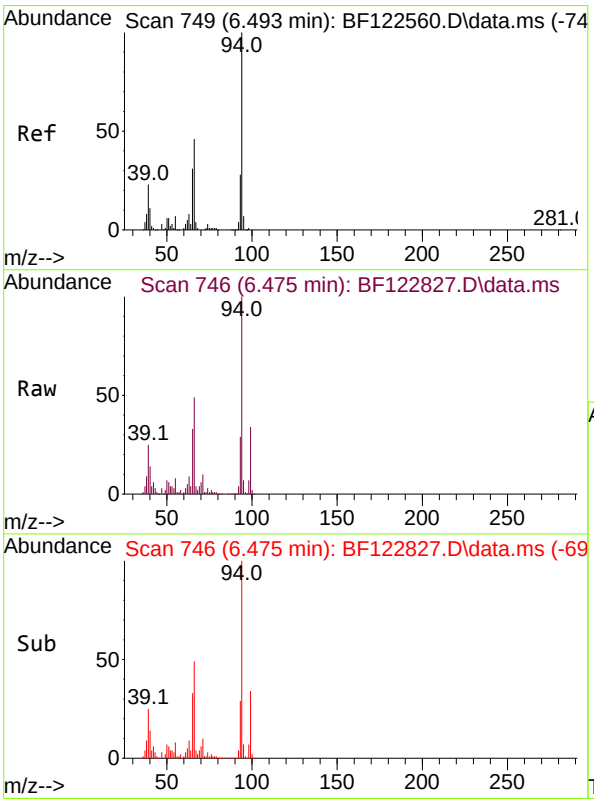



#9
Benzaldehyde
Concen: 19.57 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.006 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion: 77 Resp: 168785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 102.7 | 80.6 | 120.6 |
| 106 | 96.9 | 77.2 | 117.2 |

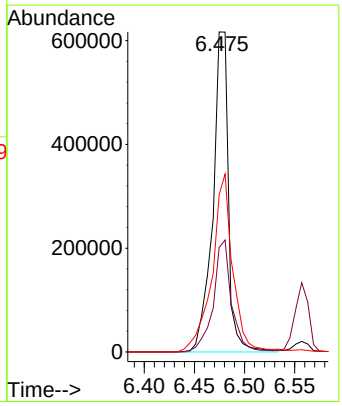


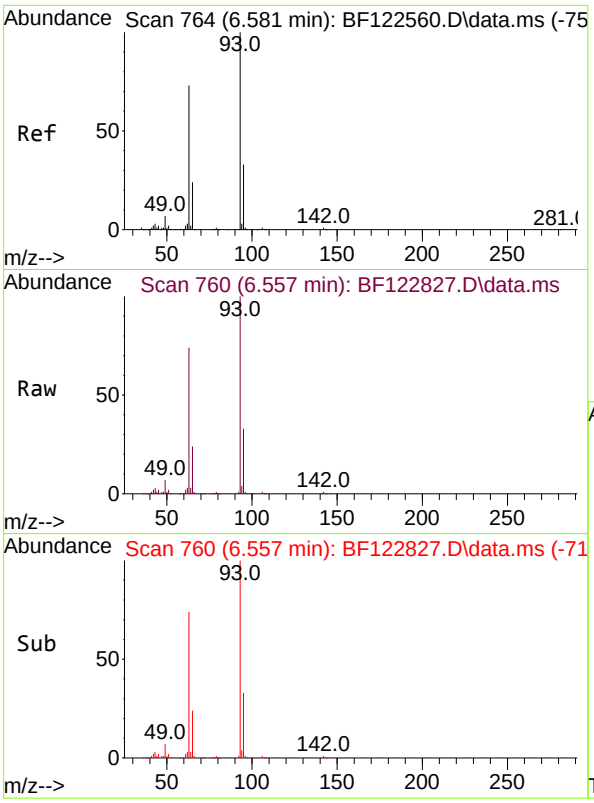

#10
Phenol
Concen: 45.38 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion: 94 Resp: 669923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 32.7 | 11.2 | 51.2 |
| 66 | 49.2 | 25.8 | 65.8 |



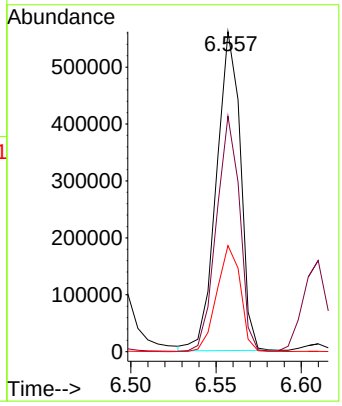
**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

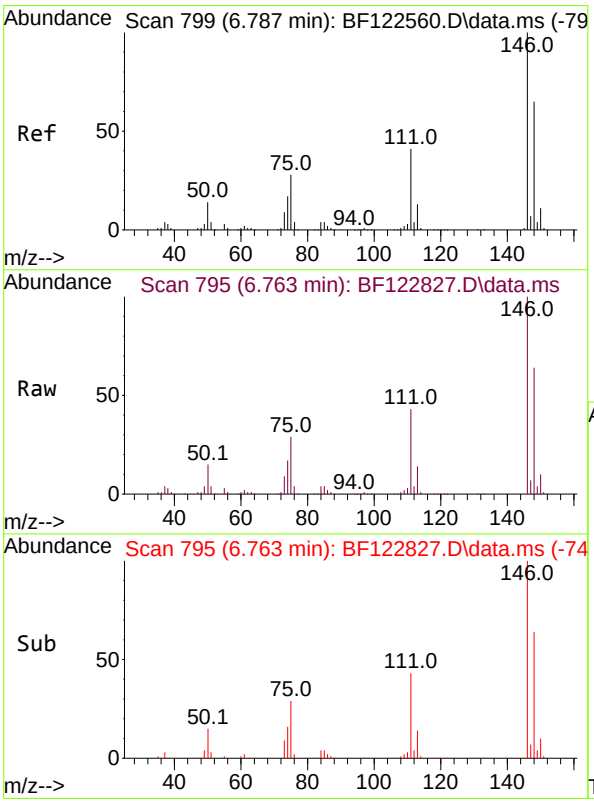



#11
bis(2-Chloroethyl)ether
Concen: 48.58 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion: 93 Resp: 547966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 73.6 | 52.6 | 92.6 |
| 95 | 33.2 | 12.6 | 52.6 |

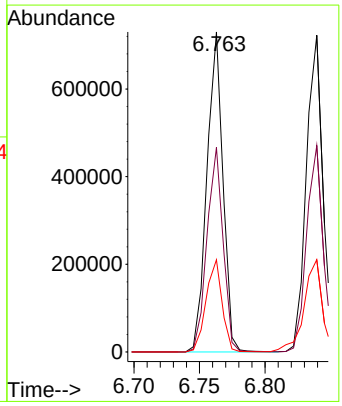


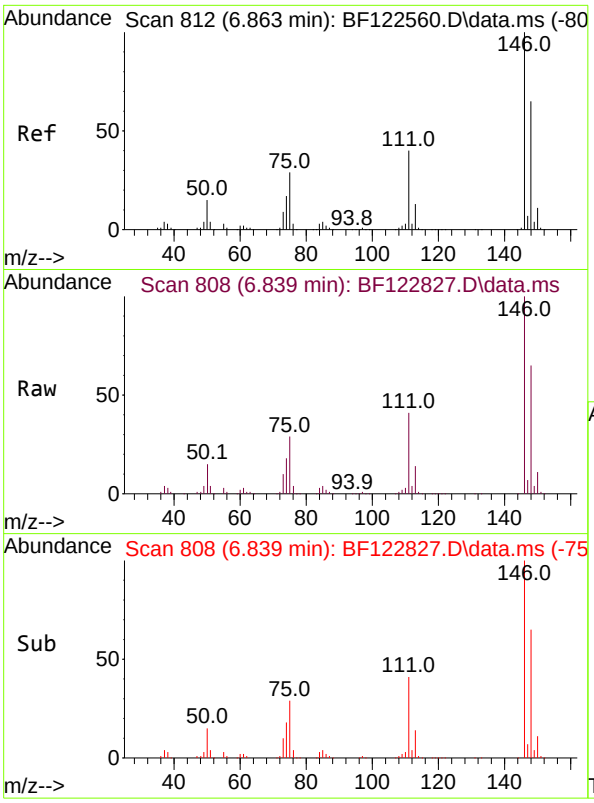




#12
1,3-Dichlorobenzene
Concen: 44.44 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:146 Resp: 622630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.9 | 51.8 | 77.8 |
| 75 | 28.8 | 22.5 | 33.7 |

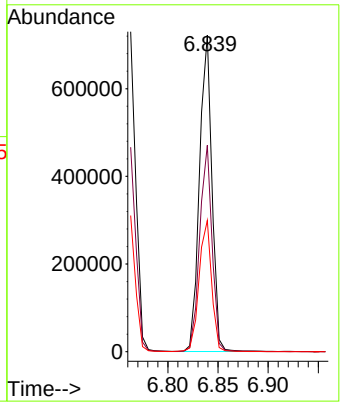




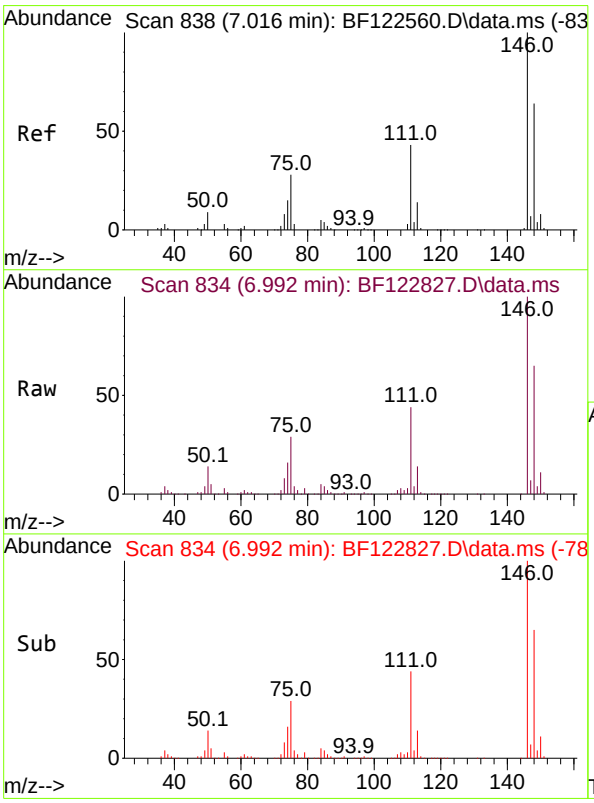

#13
1,4-Dichlorobenzene
Concen: 44.34 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:146 Resp: 626416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.2 | 52.0 | 78.0 |
| 111 | 41.4 | 32.3 | 48.5 |



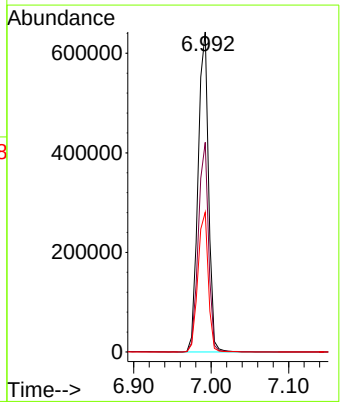

**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD



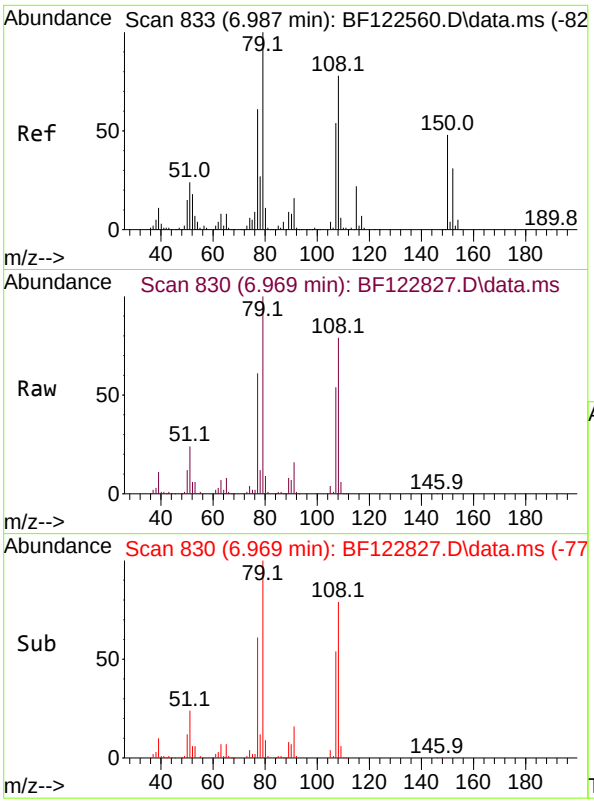

#14
1,2-Dichlorobenzene
Concen: 44.25 ng
RT: 6.992 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:146 Resp: 603448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.5 | 51.5 | 77.3 |
| 111 | 43.7 | 34.2 | 51.2 |



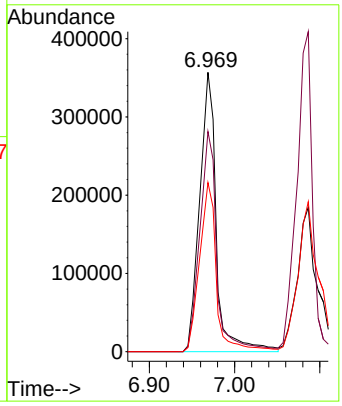
**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

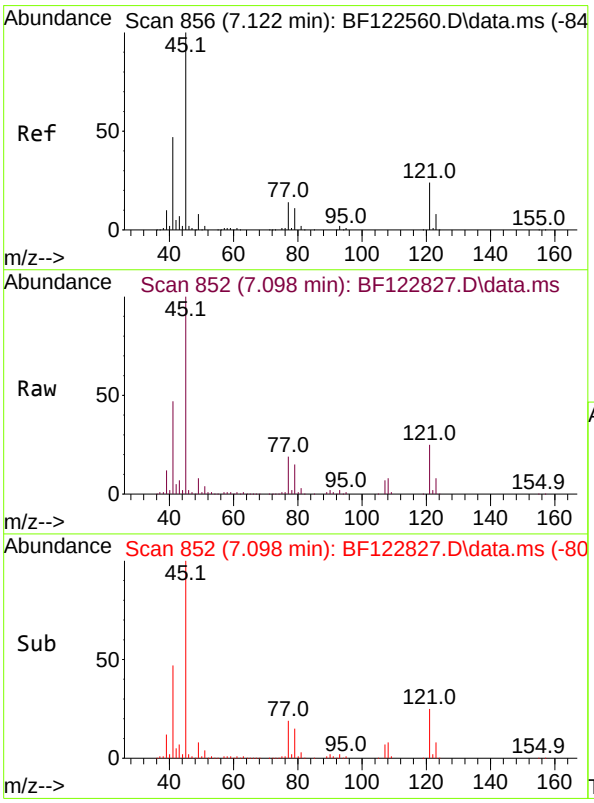



#15
Benzyl Alcohol
Concen: 49.38 ng
RT: 6.969 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion: 79 Resp: 484429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 78.8 | 62.4 | 93.6 |
| 77 | 60.5 | 49.0 | 73.6 |

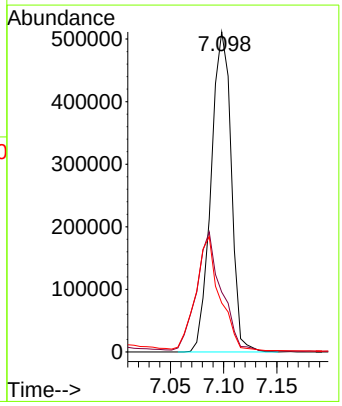


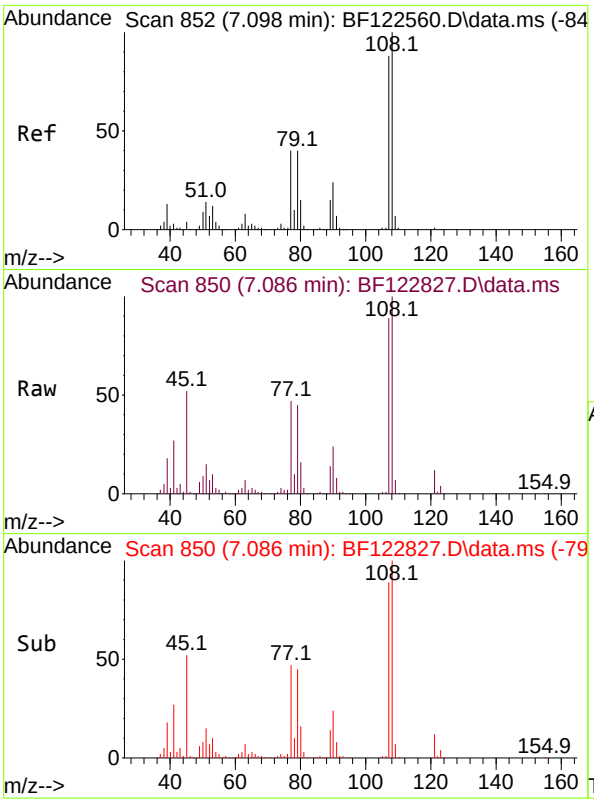

#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.74 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion: 45 Resp: 671360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 18.7 | 0.0 | 35.6 |
| 79 | 15.3 | 0.0 | 32.4 |



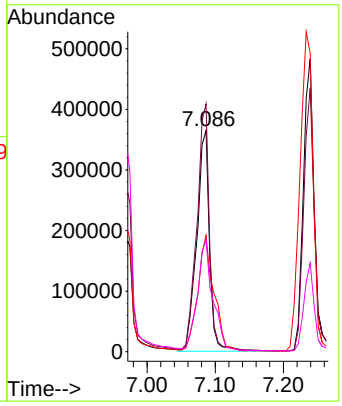
**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

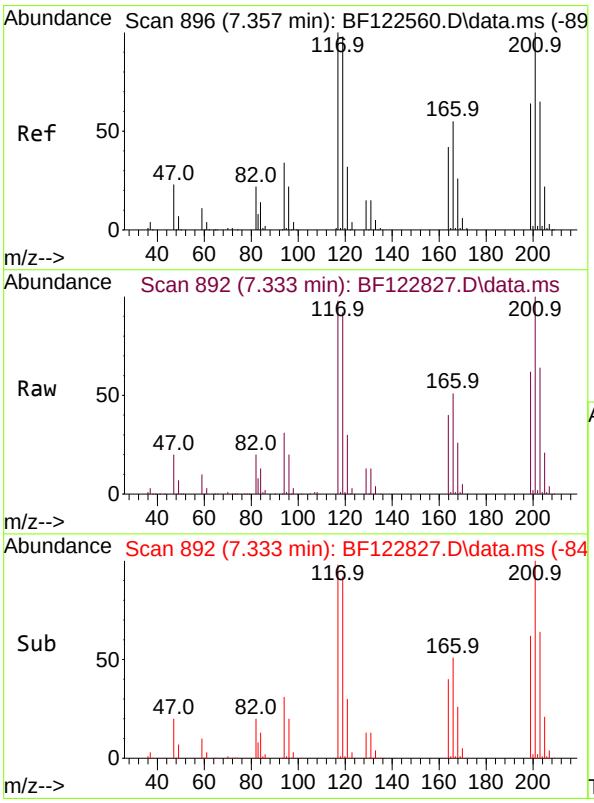



#17
2-Methylphenol
Concen: 50.28 ng
RT: 7.086 min Scan# 850
Delta R.T. 0.006 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:107 Resp: 473258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.0 | 91.1 | 136.7 |
| 77 | 52.5 | 36.3 | 54.5 |
| 79 | 50.5 | 36.8 | 55.2 |

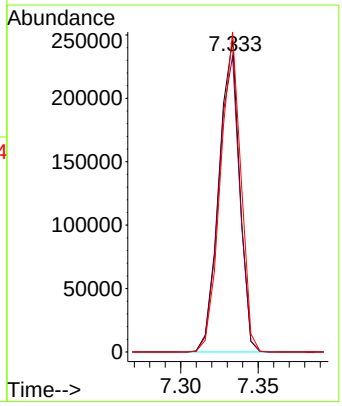


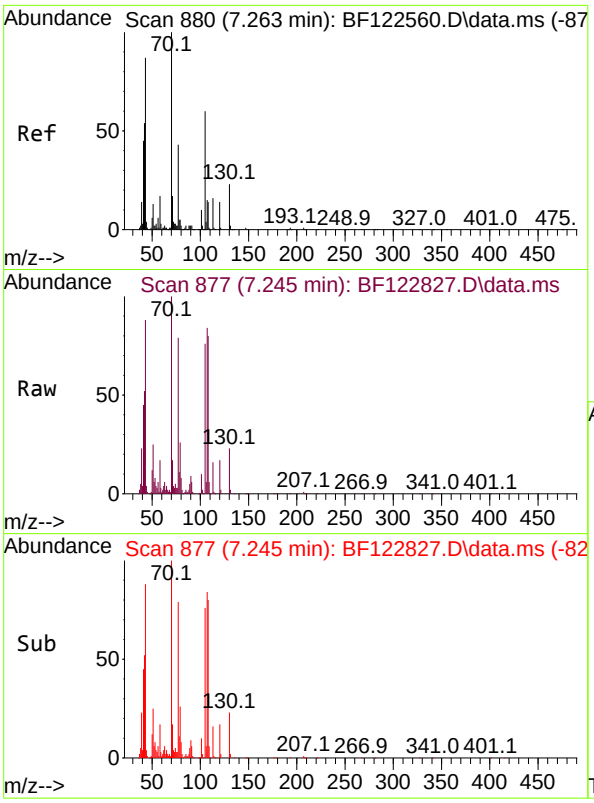




#18
Hexachloroethane
Concen: 45.17 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:117 Resp: 227434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.7 | 78.4 | 117.6 |
| 201 | 102.5 | 79.6 | 119.4 |

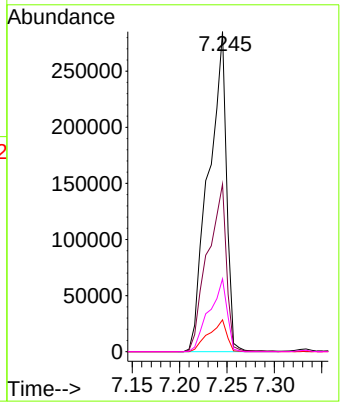




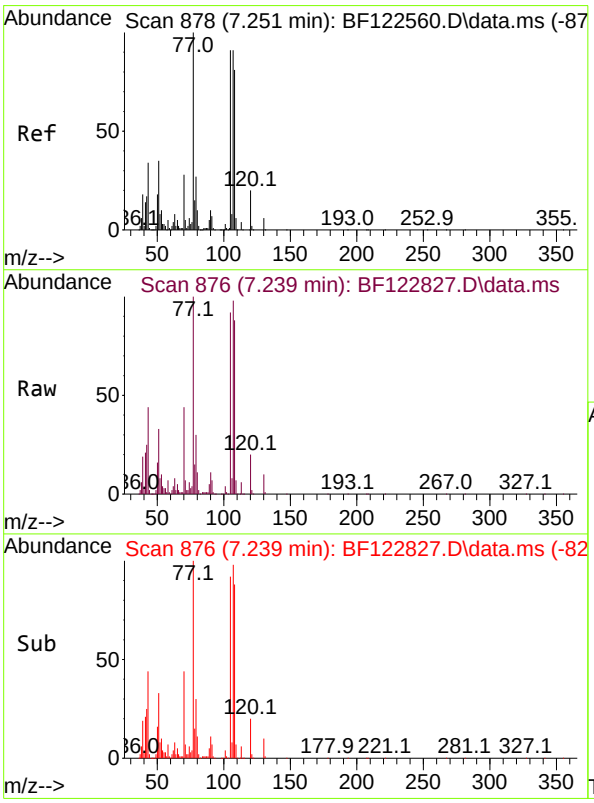

#19
n-Nitroso-di-n-propylamine
Concen: 46.01 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.006 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion: 70 Resp: 375521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 52.4 | 43.0 | 64.4 |
| 101 | 10.0 | 7.9 | 11.9 |
| 130 | 22.7 | 18.5 | 27.7 |



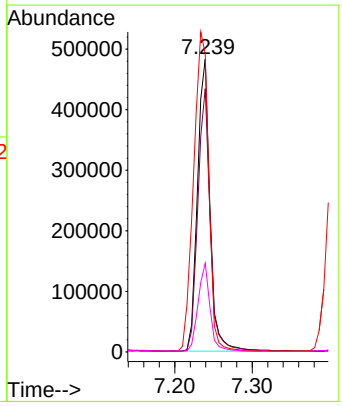

**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD



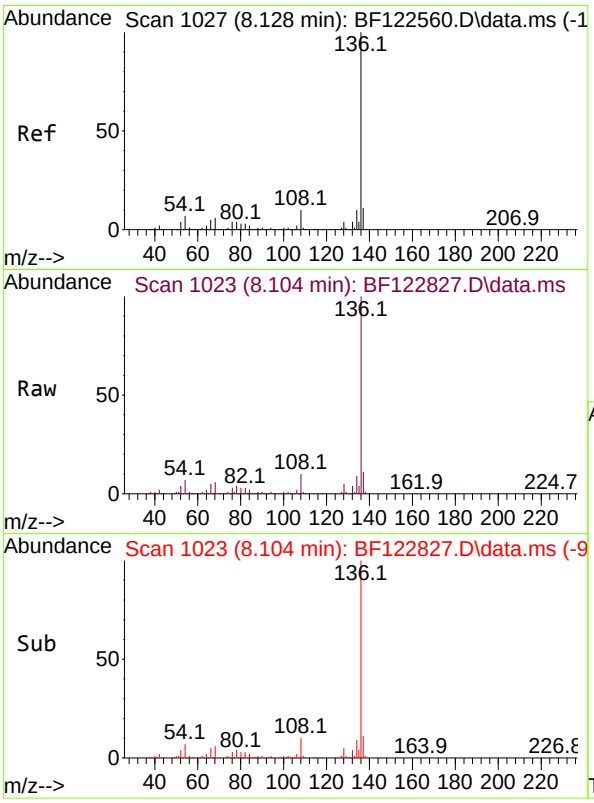

#20
3+4-Methylphenols
Concen: 45.68 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.006 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:107 Resp: 543245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 89.9 | 68.7 | 108.7 |
| 77 | 101.8 | 89.8 | 129.8 |
| 79 | 30.3 | 9.8 | 49.8 |



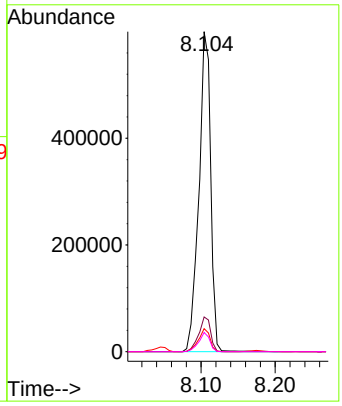
**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

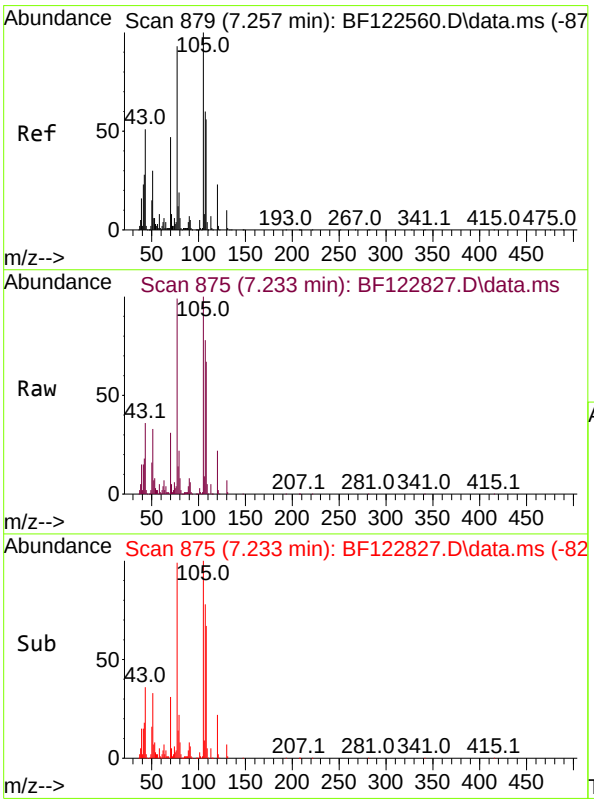



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:136 Resp: 664541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.8 | 13.2 |
| 54 | 7.2 | 5.5 | 8.3 |
| 68 | 6.0 | 4.6 | 6.8 |

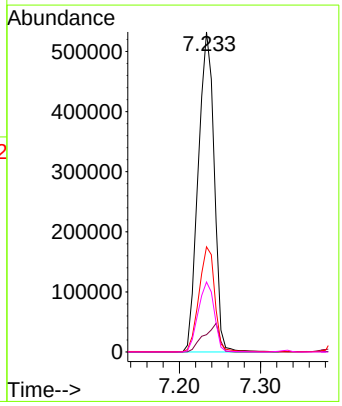


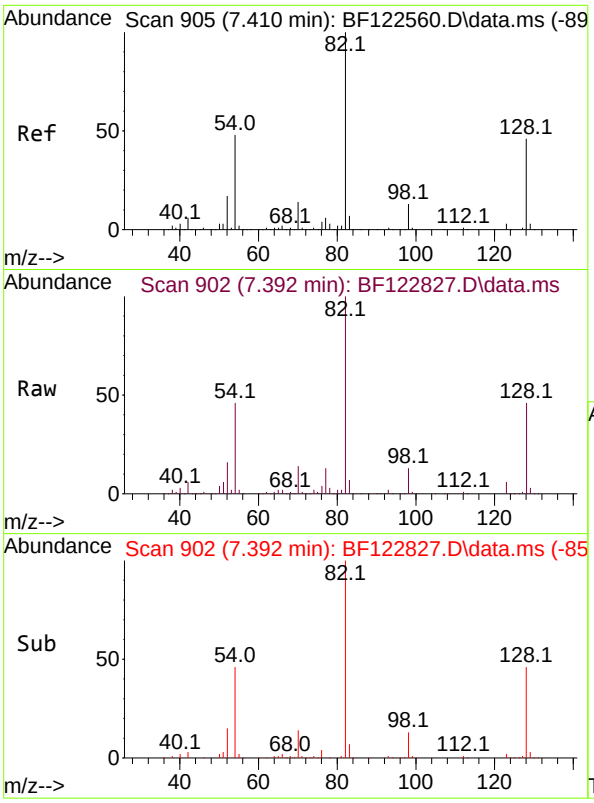

#22
Acetophenone
Concen: 44.15 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:105 Resp: 729476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 5.4 | 6.5 | 9.7# |
| 51 | 32.8 | 24.3 | 36.5 |
| 120 | 21.9 | 18.1 | 27.1 |



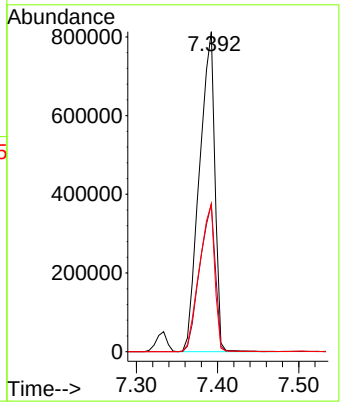
**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

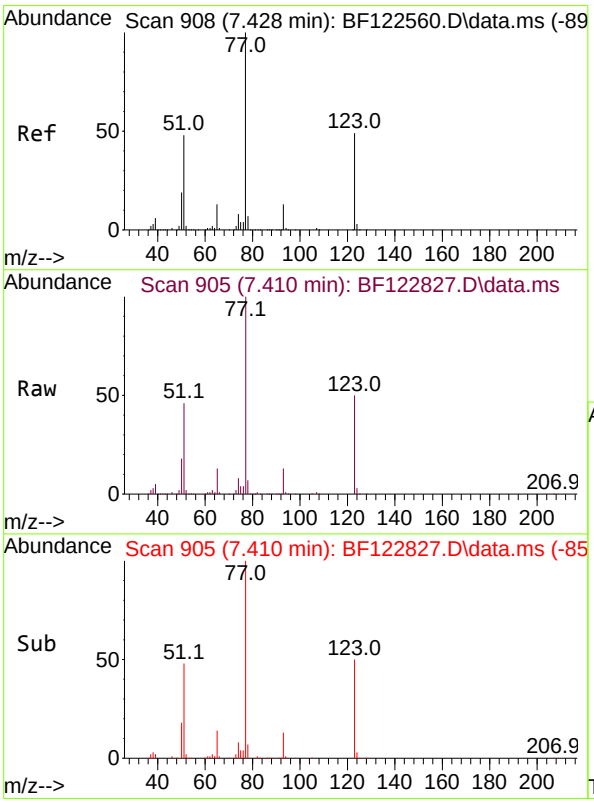



#23
Nitrobenzene-d5
Concen: 81.06 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.000 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion: 82 Resp: 1075150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.1 | 37.0 | 55.4 |
| 54 | 46.1 | 38.4 | 57.6 |

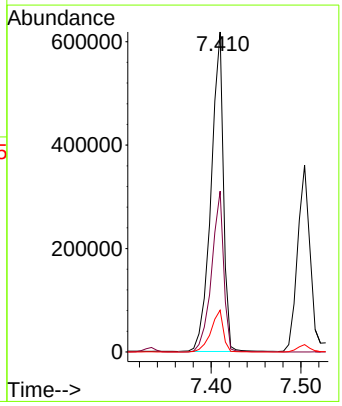


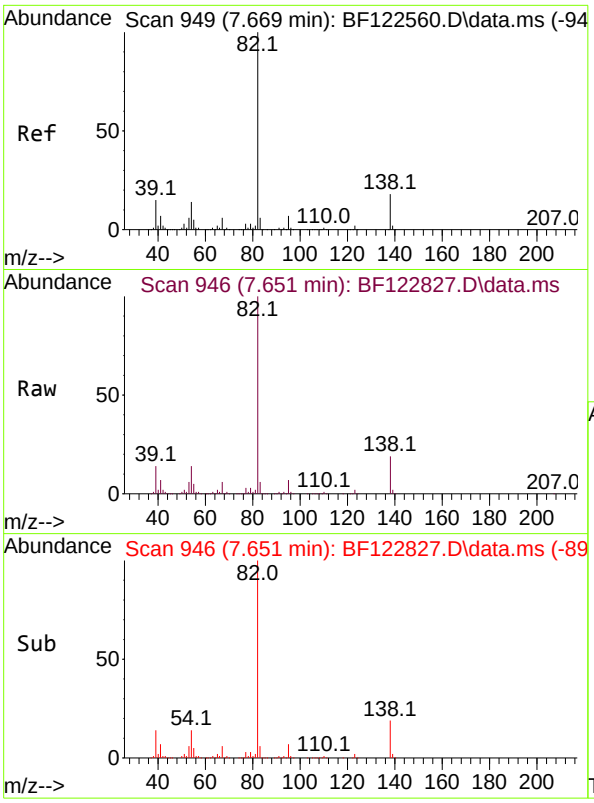




#24
Nitrobenzene
Concen: 44.75 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion: 77 Resp: 590520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 50.3 | 39.3 | 58.9 |
| 65 | 13.1 | 10.6 | 15.8 |

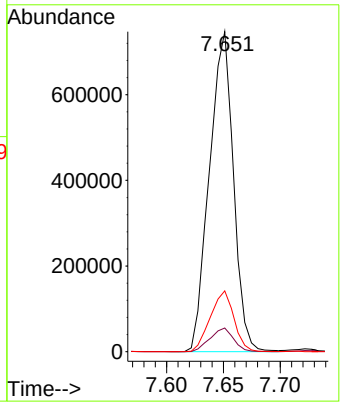




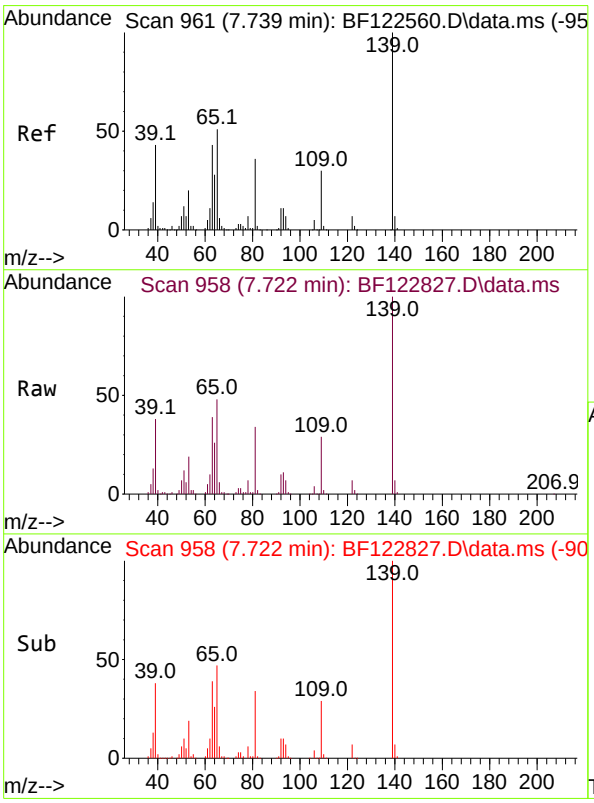

#25
Isophorone
Concen: 48.19 ng
RT: 7.651 min Scan# 946
Delta R.T. 0.006 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion: 82 Resp: 1100803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.4 | 5.8 | 8.6 |
| 138 | 19.0 | 14.6 | 21.8 |



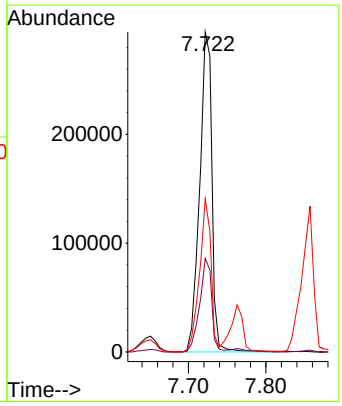

**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD



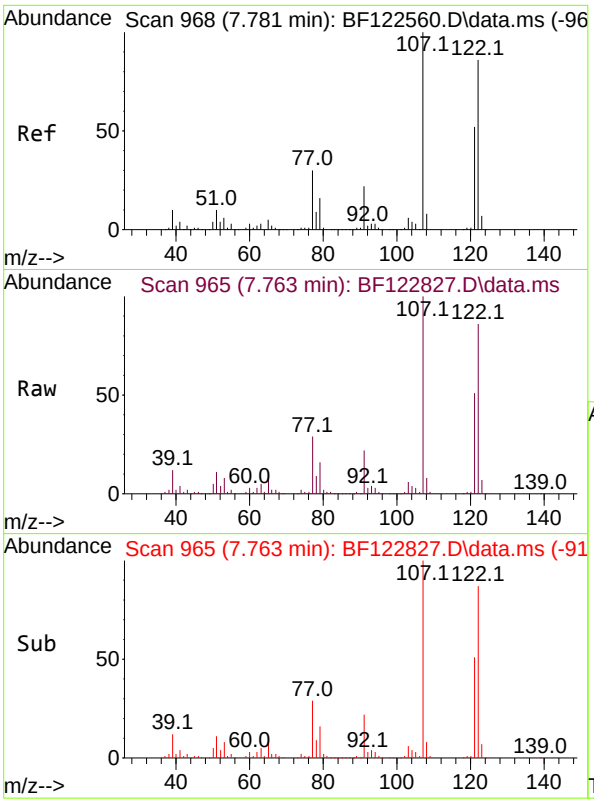

#26
2-Nitrophenol
Concen: 50.26 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:139 Resp: 323445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 29.2 | 24.0 | 36.0 |
| 65 | 47.9 | 40.9 | 61.3 |



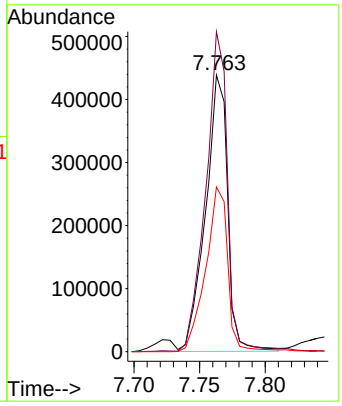
**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

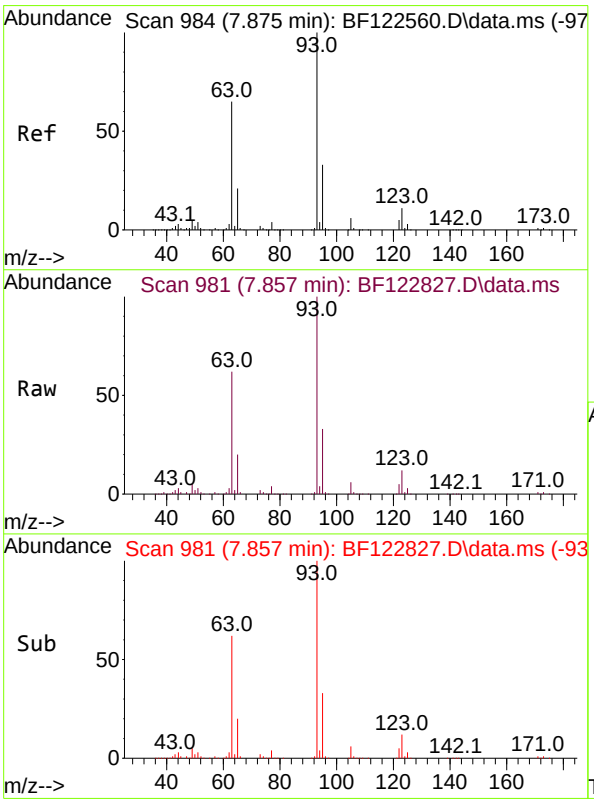



#27
2,4-Dimethylphenol
Concen: 54.31 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:122 Resp: 512263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 115.7 | 91.8 | 137.8 |
| 121 | 59.5 | 47.3 | 70.9 |

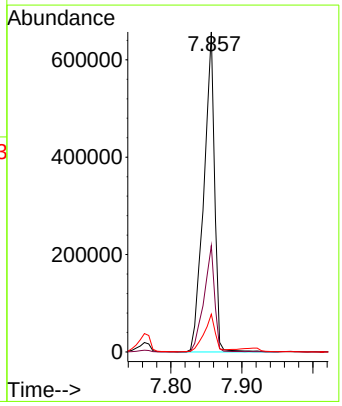


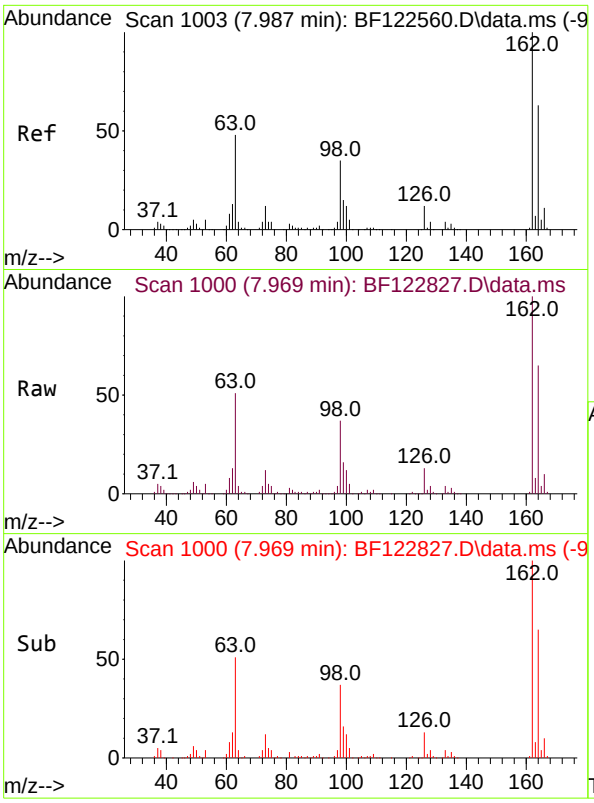

#28
bis(2-Chloroethoxy)methane
Concen: 44.69 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion: 93 Resp: 699218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.2 | 26.2 | 39.2 |
| 123 | 11.8 | 9.2 | 13.8 |



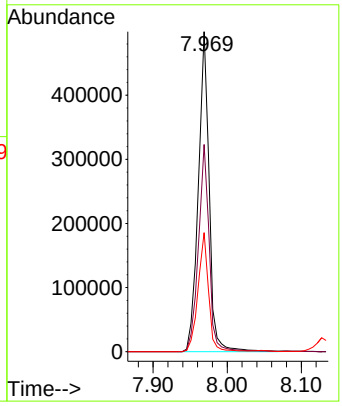
**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

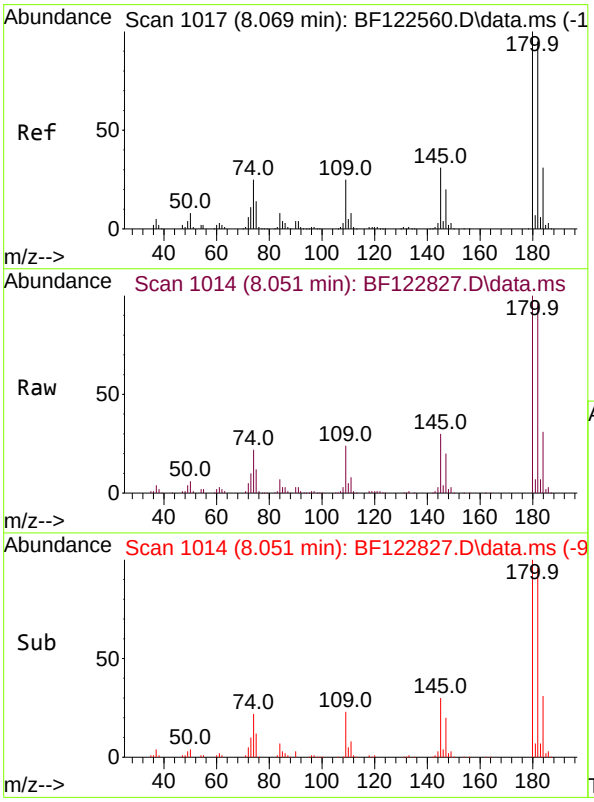



#29
2,4-Dichlorophenol
Concen: 46.19 ng
RT: 7.969 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:162 Resp: 508813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.8 | 43.2 | 83.2 |
| 98 | 37.2 | 15.2 | 55.2 |

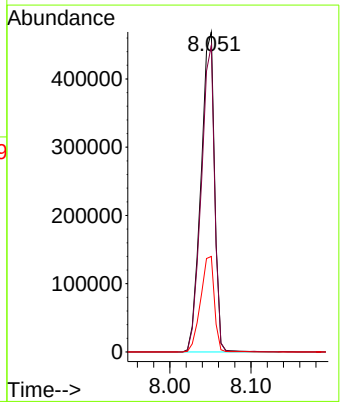


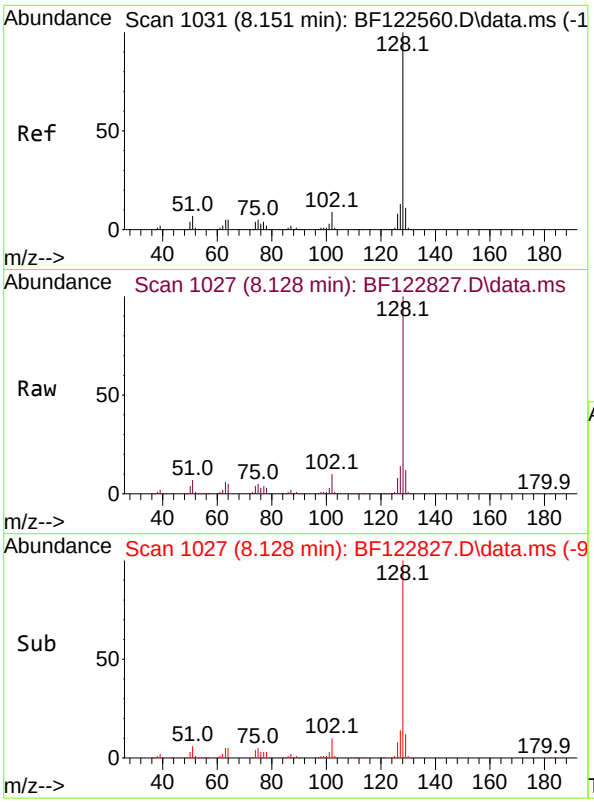




#30
1,2,4-Trichlorobenzene
Concen: 43.65 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:180 Resp: 544814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.8 | 75.7 | 113.5 |
| 145 | 29.9 | 25.0 | 37.4 |

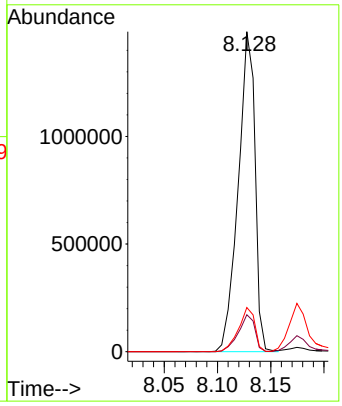




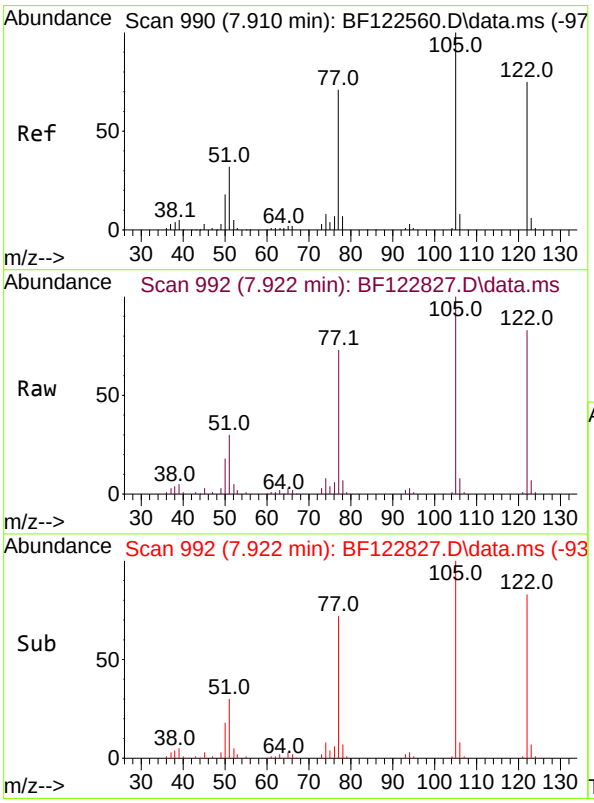

#31
Naphthalene
Concen: 44.68 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:128 Resp: 1638288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.6 | 9.0 | 13.6 |
| 127 | 13.8 | 10.7 | 16.1 |



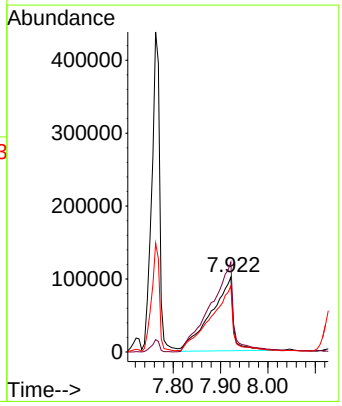

**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

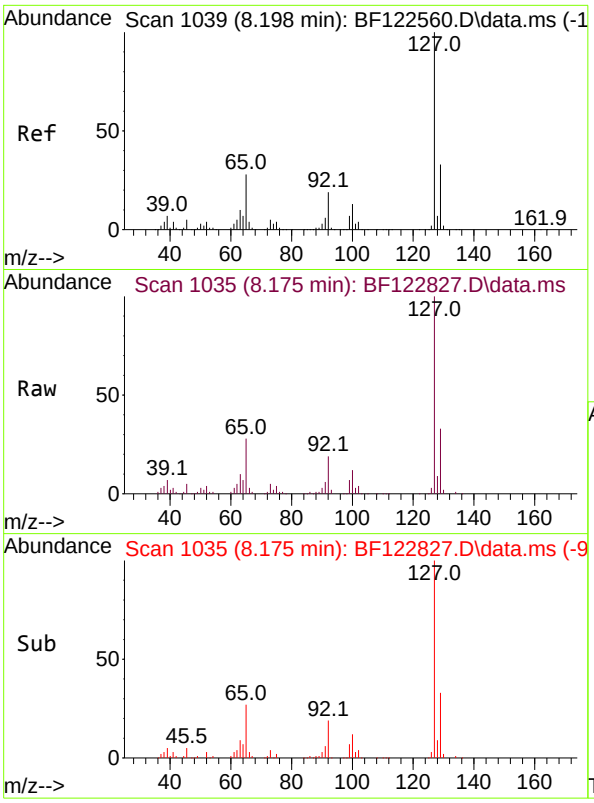



#32
Benzoic acid
Concen: 44.79 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.029 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:122 Resp: 336621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 120.3 | 104.8 | 144.8 |
| 77 | 88.4 | 71.0 | 111.0 |

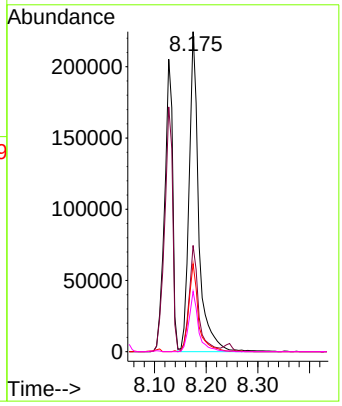




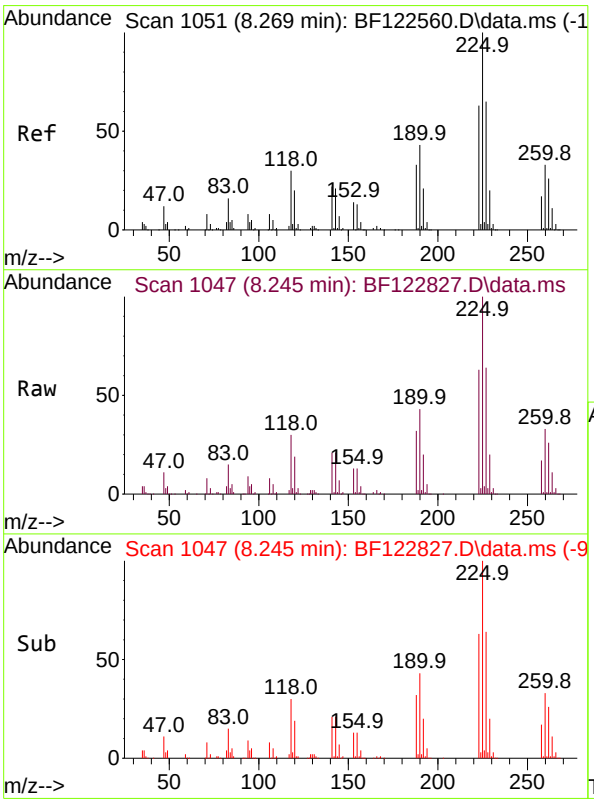

#33
4-Chloroaniline
Concen: 19.14 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:127 Resp: 293342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 33.2 | 26.2 | 39.2 |
| 65 | 27.5 | 22.2 | 33.2 |
| 92 | 18.8 | 15.3 | 22.9 |



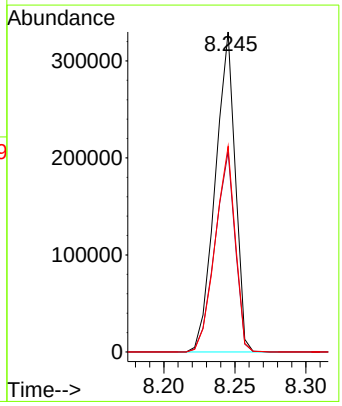

**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD



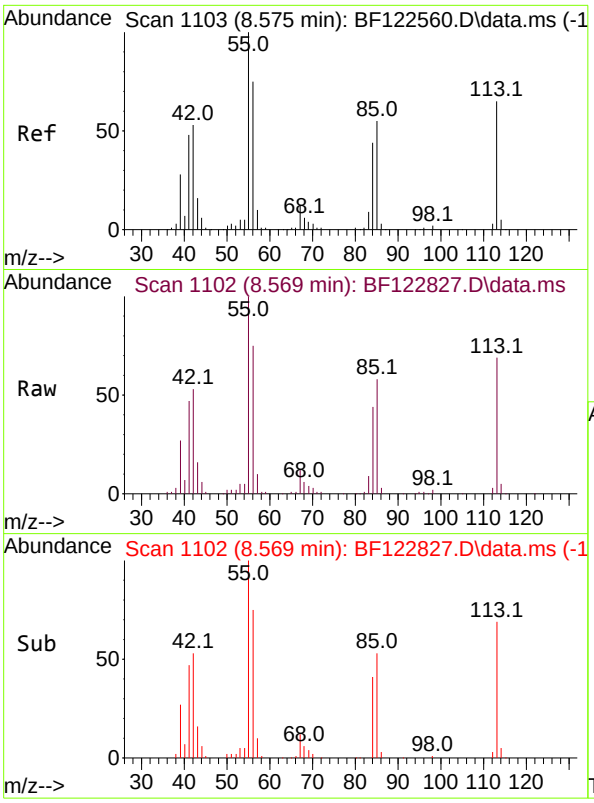

#34
Hexachlorobutadiene
Concen: 41.94 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:225 Resp: 322135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.6 | 50.7 | 76.1 |
| 227 | 64.3 | 51.7 | 77.5 |



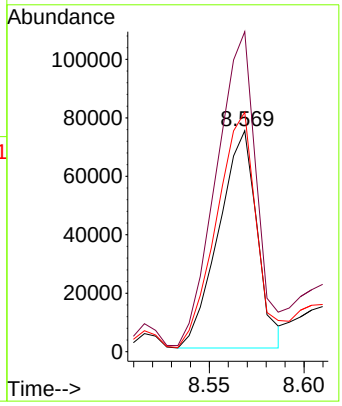
**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

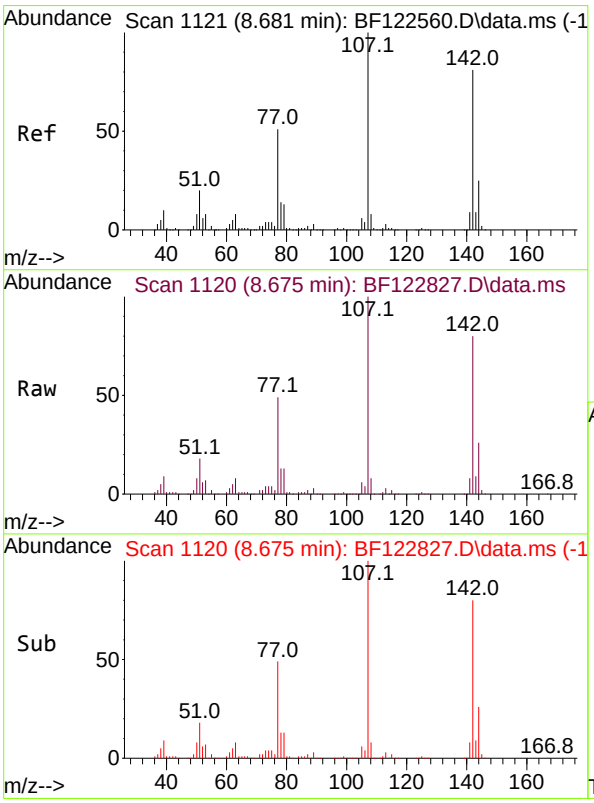



#35
Caprolactam
Concen: 31.58 ng
RT: 8.569 min Scan# 1102
Delta R.T. 0.017 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:113 Resp: 104781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 144.9 | 133.7 | 173.7 |
| 56 | 108.4 | 95.3 | 135.3 |

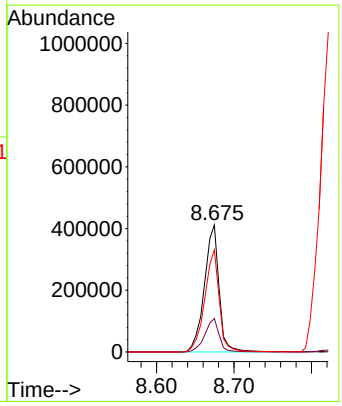


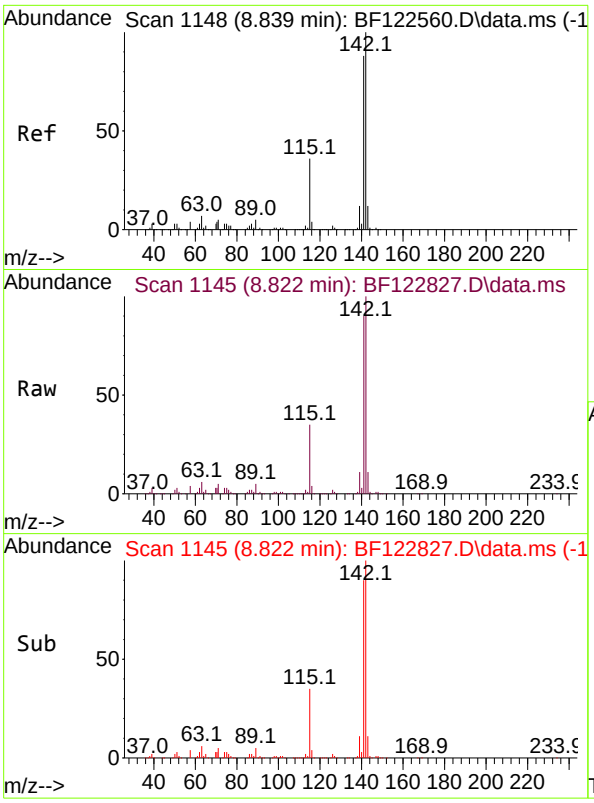




#36
4-Chloro-3-methylphenol
Concen: 49.97 ng
RT: 8.675 min Scan# 1120
Delta R.T. 0.011 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:107 Resp: 542224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.4 | 20.2 | 30.2 |
| 142 | 80.4 | 64.4 | 96.6 |

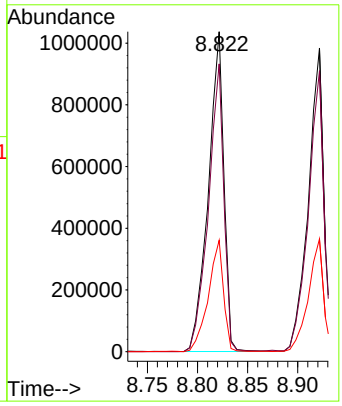




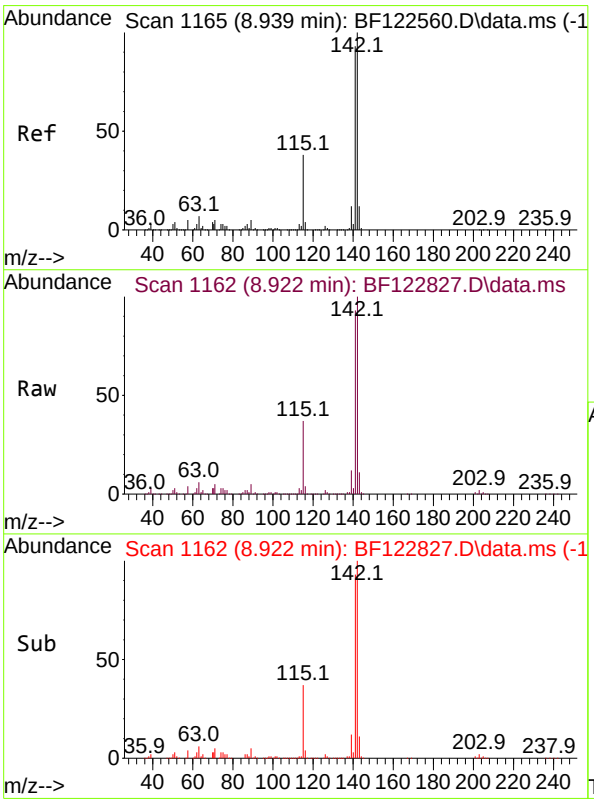

#37
2-Methylnaphthalene
Concen: 46.33 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:142 Resp: 1123811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.0 | 70.6 | 106.0 |
| 115 | 34.8 | 28.7 | 43.1 |



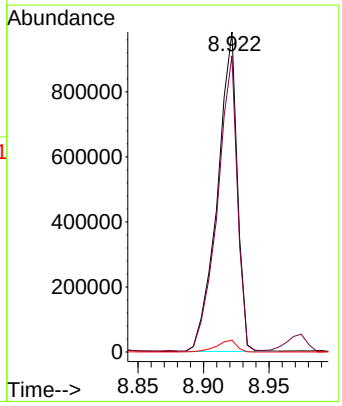

**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD



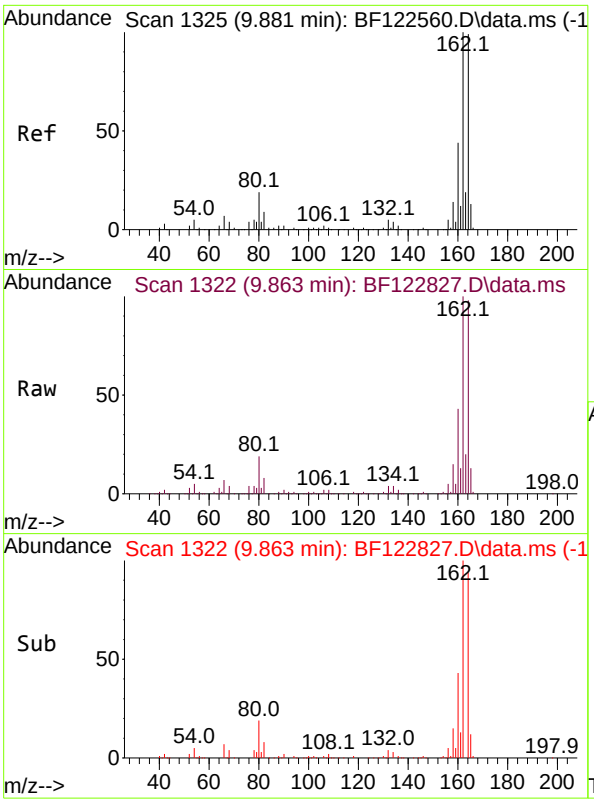

#38
1-Methylnaphthalene
Concen: 45.08 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:142 Resp: 1034348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.5 | 74.5 | 111.7 |
| 116 | 3.7 | 3.2 | 4.8 |



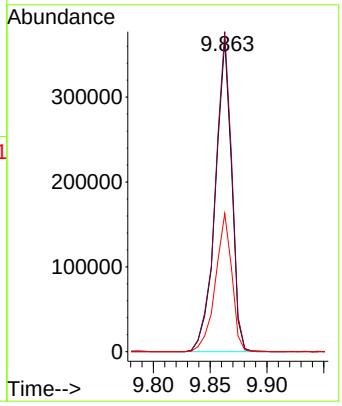
**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

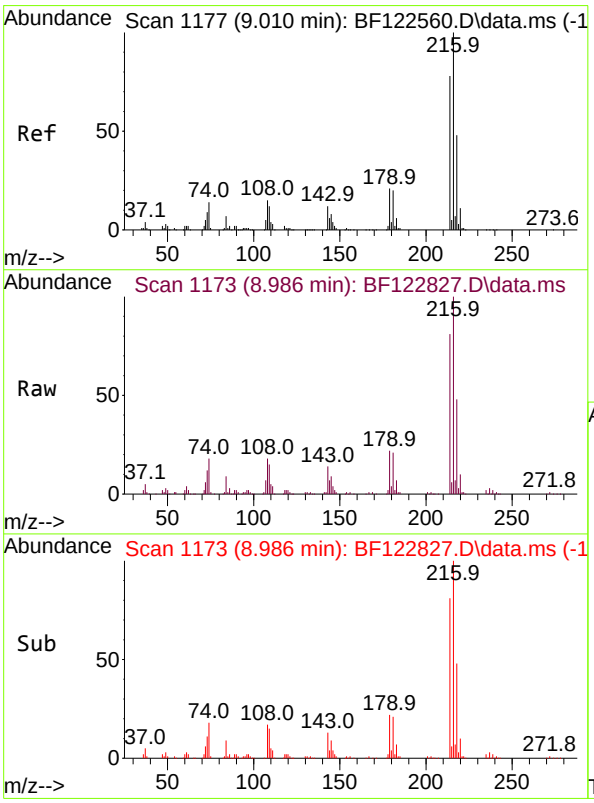



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:164 Resp: 366326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.5 | 80.8 | 121.2 |
| 160 | 44.3 | 35.4 | 53.0 |

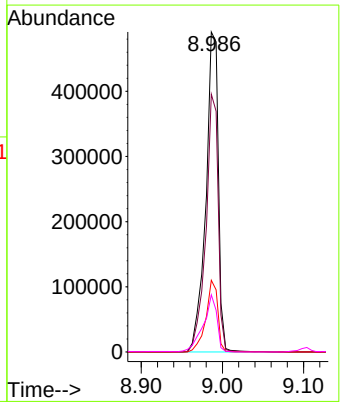


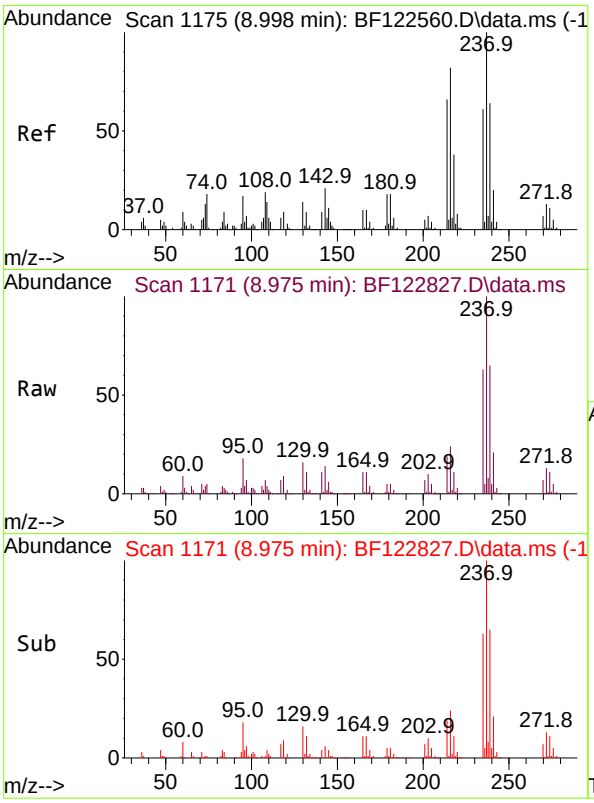

#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.32 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:216 Resp: 525662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.9 | 63.1 | 94.7 |
| 179 | 21.2 | 17.1 | 25.7 |
| 108 | 19.2 | 14.6 | 21.8 |



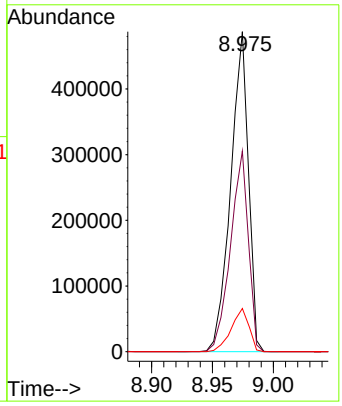
**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

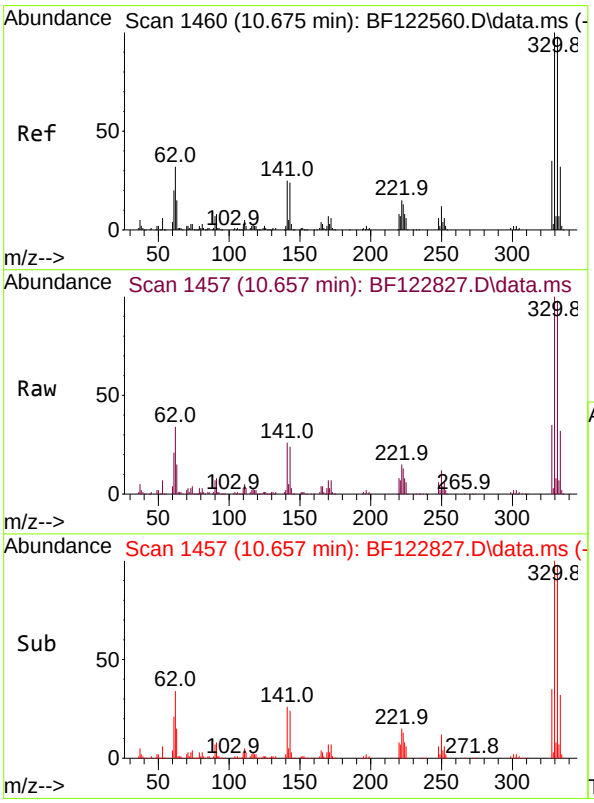



#41
Hexachlorocyclopentadiene
Concen: 92.05 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:237 Resp: 493836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.7 | 40.9 | 80.9 |
| 272 | 13.5 | 0.0 | 33.4 |

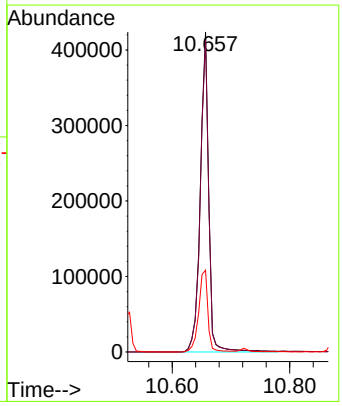


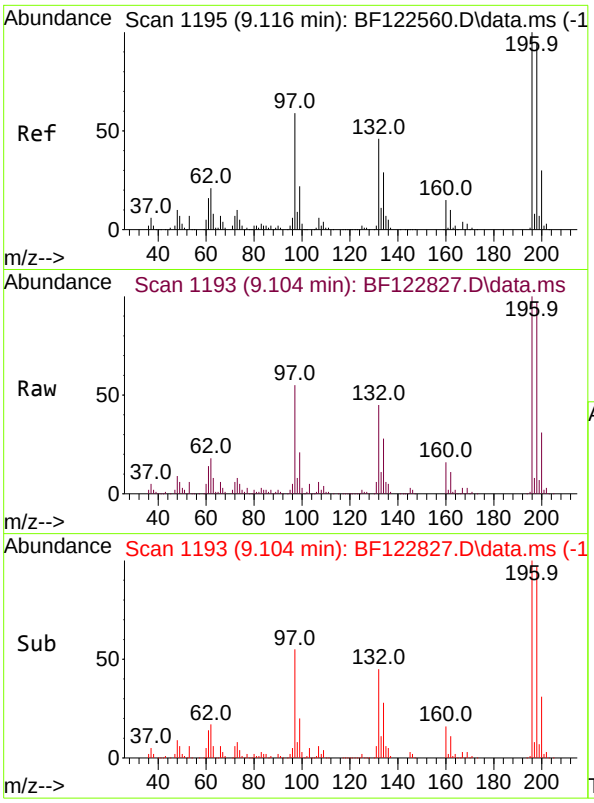




#42
2,4,6-Tribromophenol
Concen: 87.47 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:330 Resp: 419406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.4 | 77.5 | 116.3 |
| 141 | 28.0 | 23.8 | 35.8 |

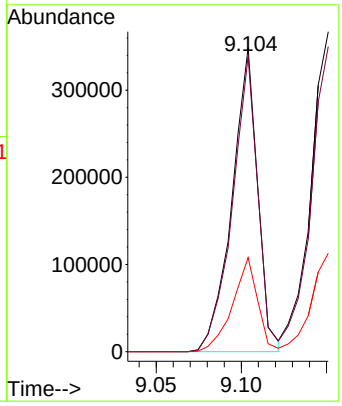




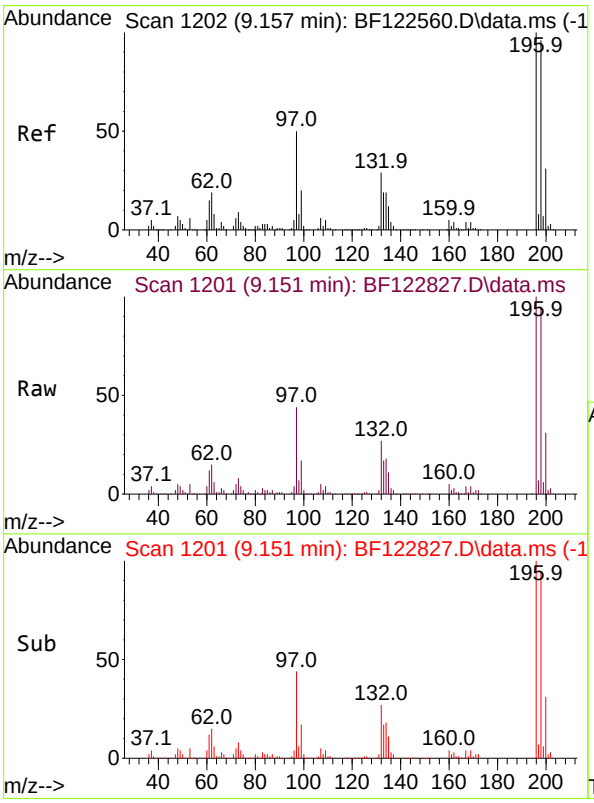

#43
2,4,6-Trichlorophenol
Concen: 43.69 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.006 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:196 Resp: 366089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.1 | 75.1 | 112.7 |
| 200 | 31.0 | 23.7 | 35.5 |



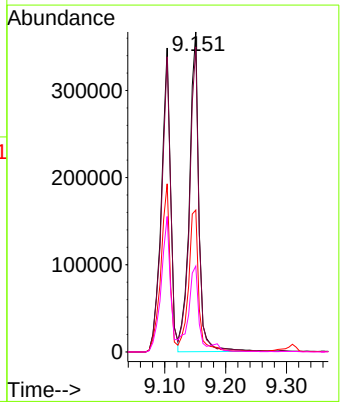

**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD



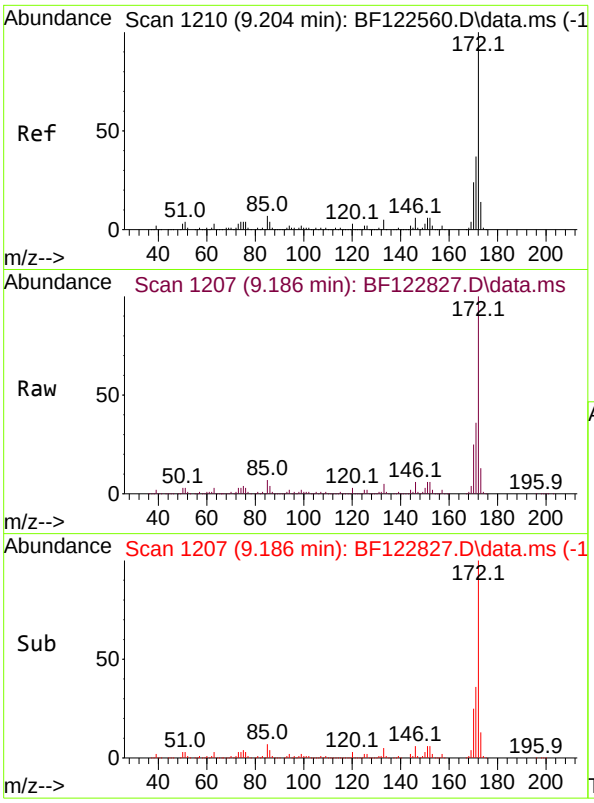

#44
2,4,5-Trichlorophenol
Concen: 46.07 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.011 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:196 Resp: 399075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.3 | 76.5 | 114.7 |
| 97 | 44.3 | 40.1 | 60.1 |
| 132 | 26.9 | 23.3 | 34.9 |



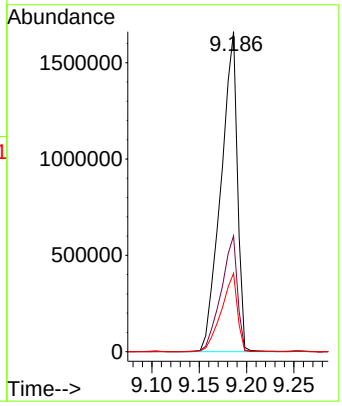
**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

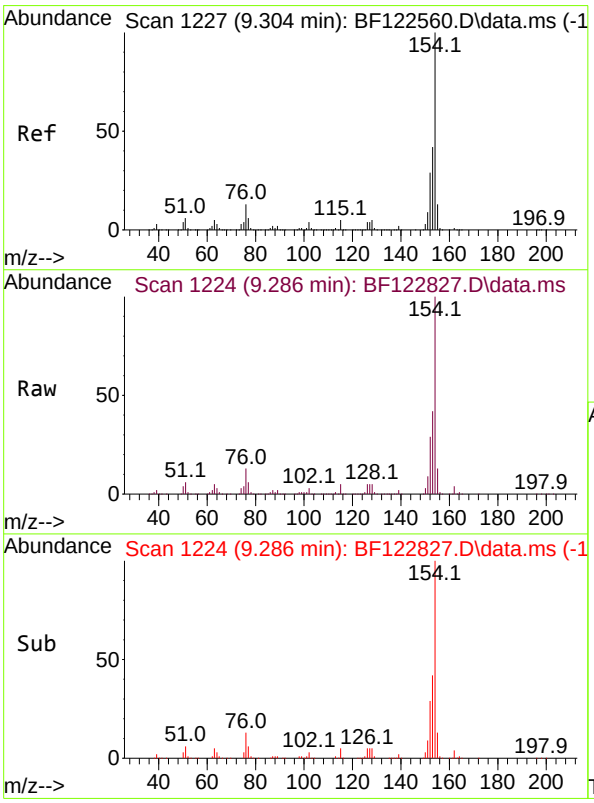



#45
2-Fluorobiphenyl
Concen: 74.38 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:172 Resp: 2014408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.2 | 29.6 | 44.4 |
| 170 | 24.5 | 19.5 | 29.3 |

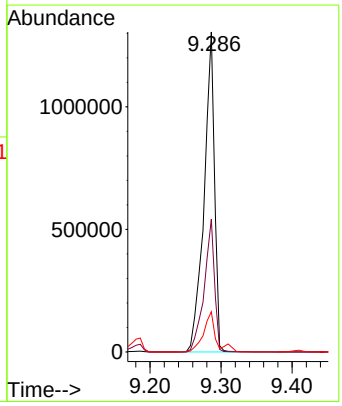


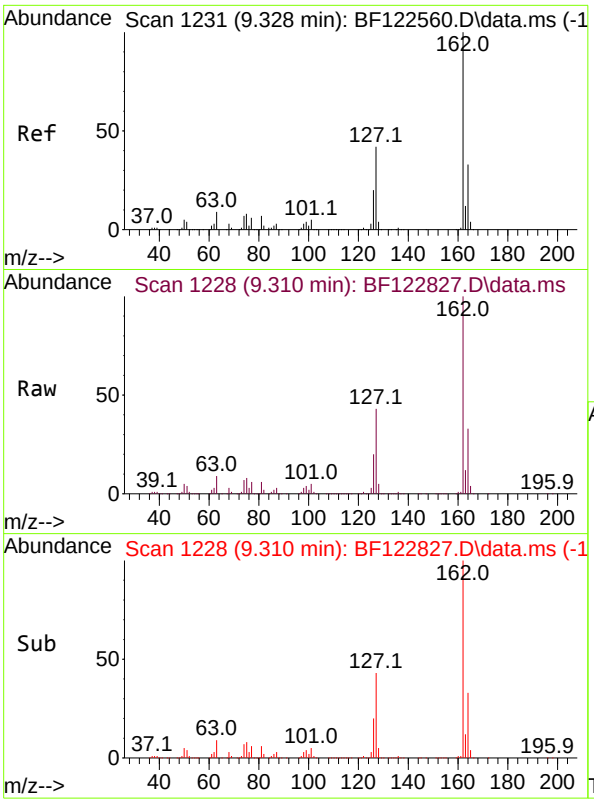




#46
1,1'-Biphenyl
Concen: 44.29 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.000 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:154 Resp: 1346541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.5 | 21.8 | 61.8 |
| 76 | 12.5 | 0.0 | 33.4 |

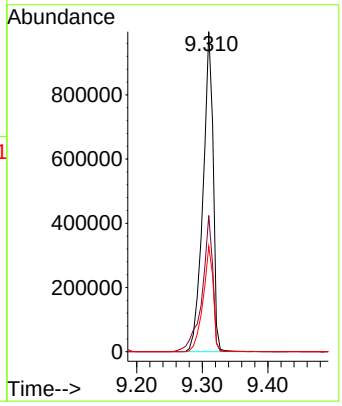




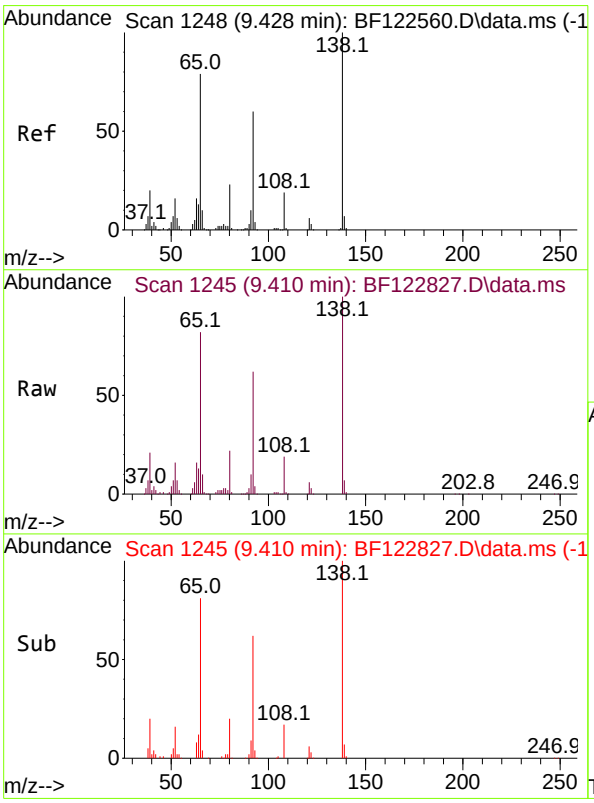

#47
2-Chloronaphthalene
Concen: 42.61 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:162 Resp: 1073377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 42.5 | 33.8 | 50.8 |
| 164 | 33.0 | 26.5 | 39.7 |



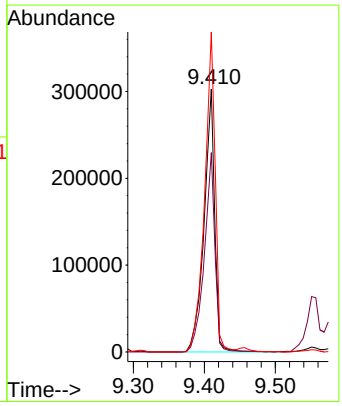

**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

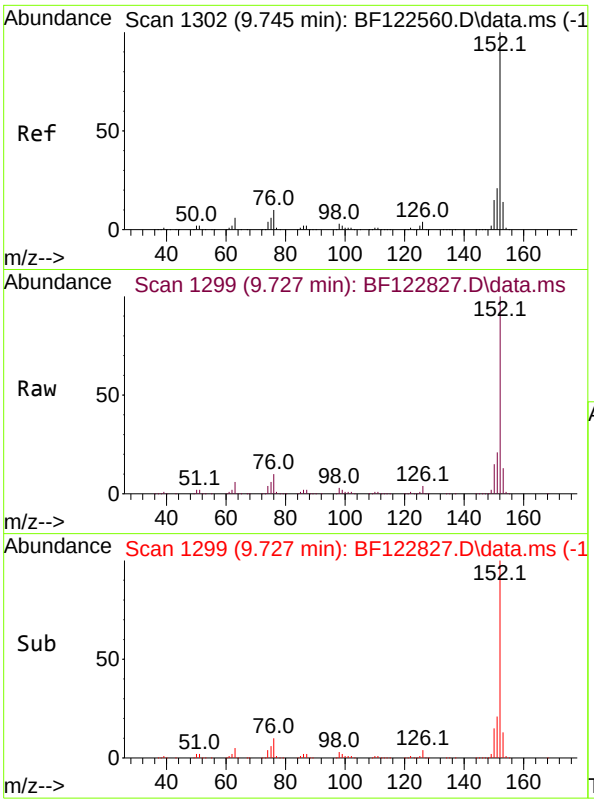



#48
2-Nitroaniline
Concen: 43.17 ng
RT: 9.410 min Scan# 1245
Delta R.T. 0.006 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion: 65 Resp: 317039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 75.8 | 60.0 | 90.0 |
| 138 | 121.7 | 100.6 | 151.0 |

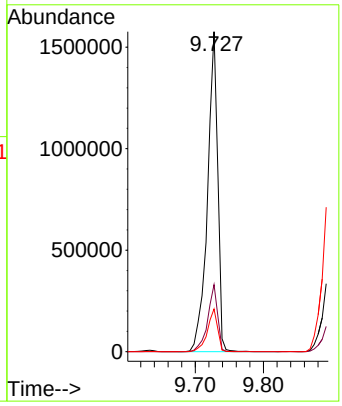




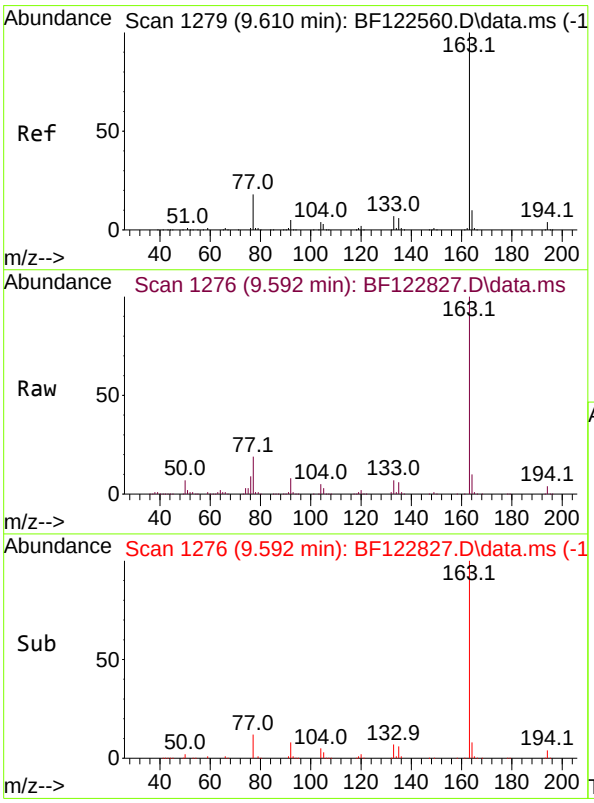

#49
Acenaphthylene
Concen: 44.30 ng
RT: 9.727 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:152 Resp: 1648170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.0 | 16.6 | 25.0 |
| 153 | 13.4 | 10.9 | 16.3 |



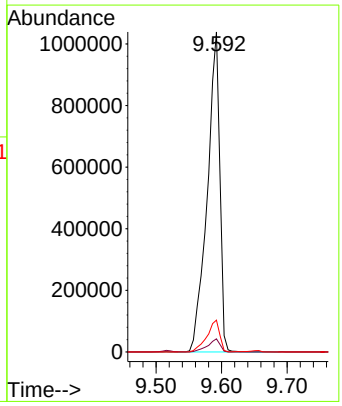

**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD



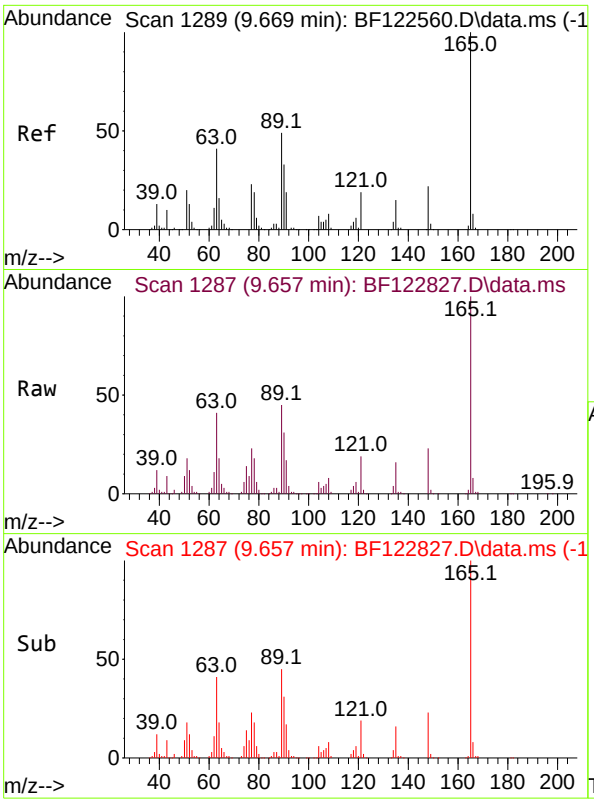

#50
Dimethylphthalate
Concen: 47.44 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:163 Resp: 1387877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.1 | 3.4 | 5.0 |
| 164 | 10.0 | 8.1 | 12.1 |



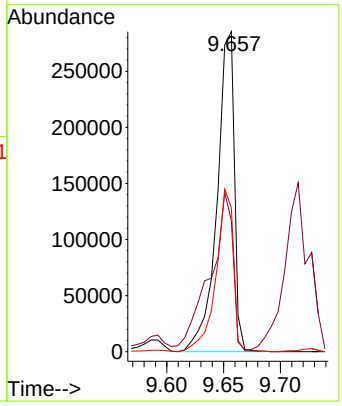
**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

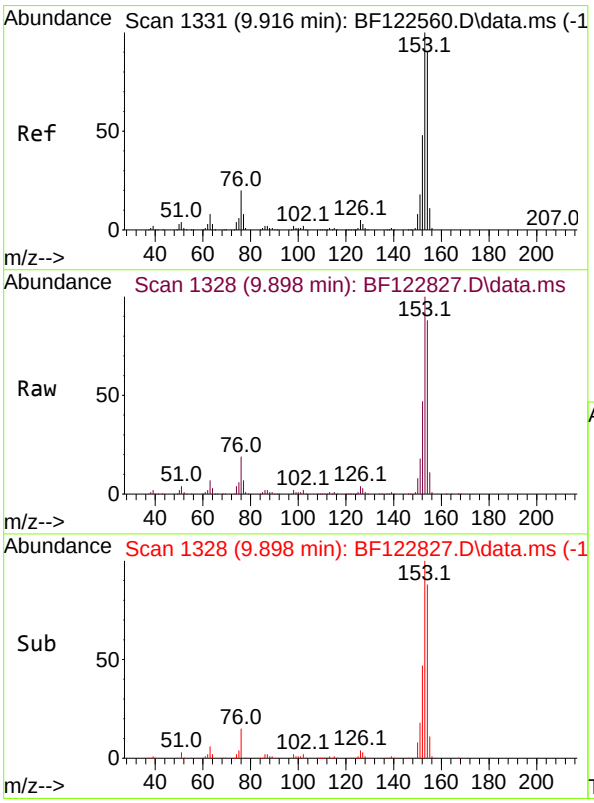



#51
2,6-Dinitrotoluene
Concen: 49.33 ng
RT: 9.657 min Scan# 1287
Delta R.T. 0.011 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:165 Resp: 304831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 41.0 | 36.6 | 55.0 |
| 89 | 45.0 | 39.4 | 59.0 |

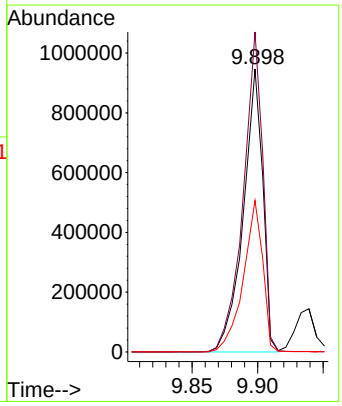


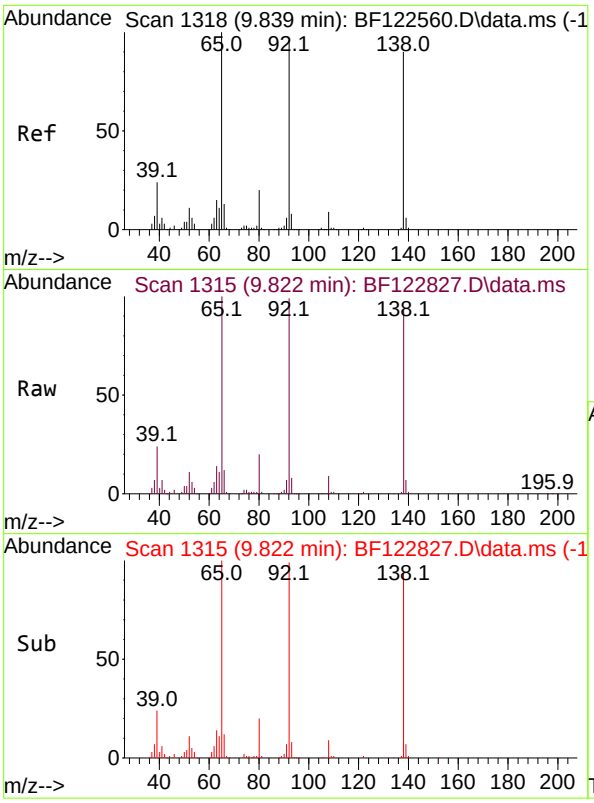

#52
Acenaphthene
Concen: 40.59 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:154 Resp: 976937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.1 | 89.0 | 133.6 |
| 152 | 53.5 | 42.7 | 64.1 |



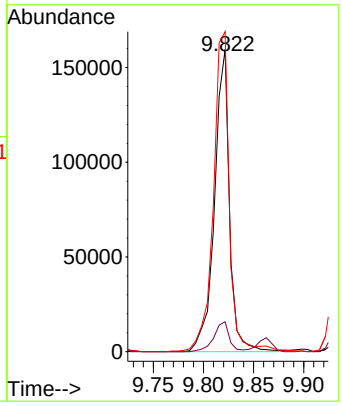
**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

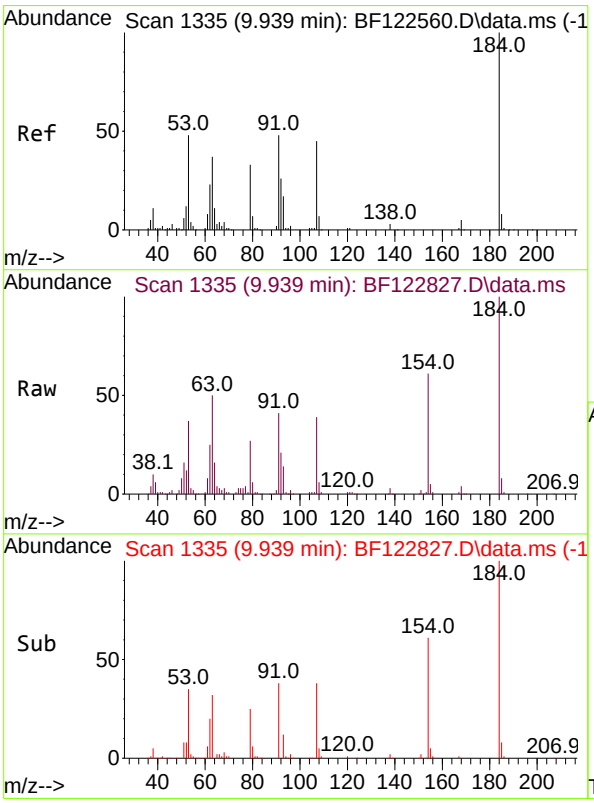



#53
3-Nitroaniline
Concen: 23.21 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.006 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:138 Resp: 165710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.9 | 8.2 | 12.2 |
| 92 | 105.9 | 85.4 | 128.2 |

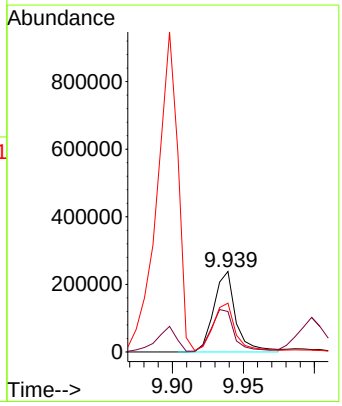


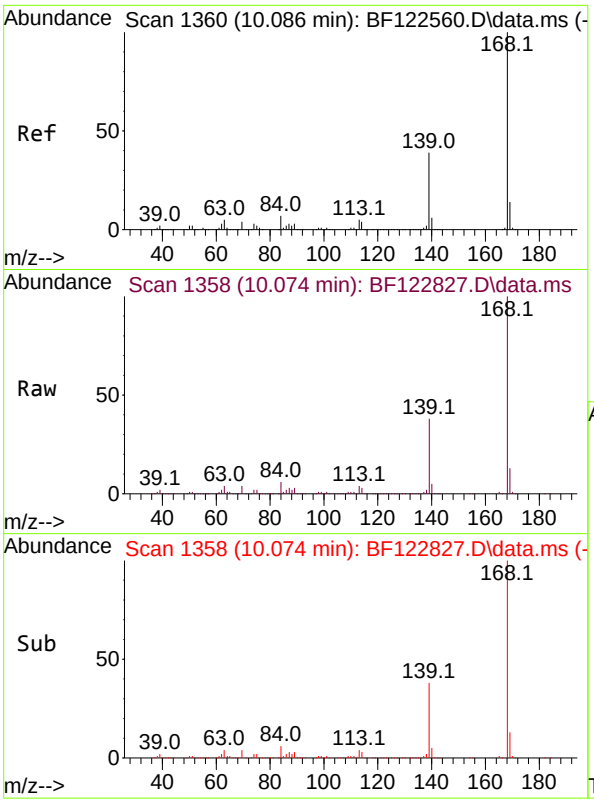

#54
2,4-Dinitrophenol
Concen: 85.27 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.011 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:184 Resp: 257586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 50.3 | 51.4 | 77.2# |
| 154 | 60.7 | 49.7 | 74.5 |



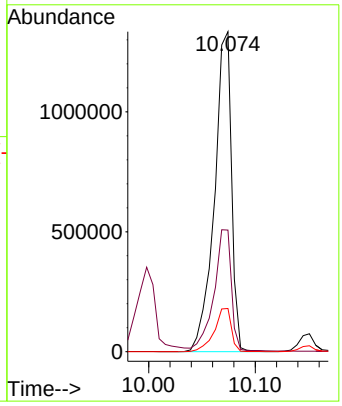
**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

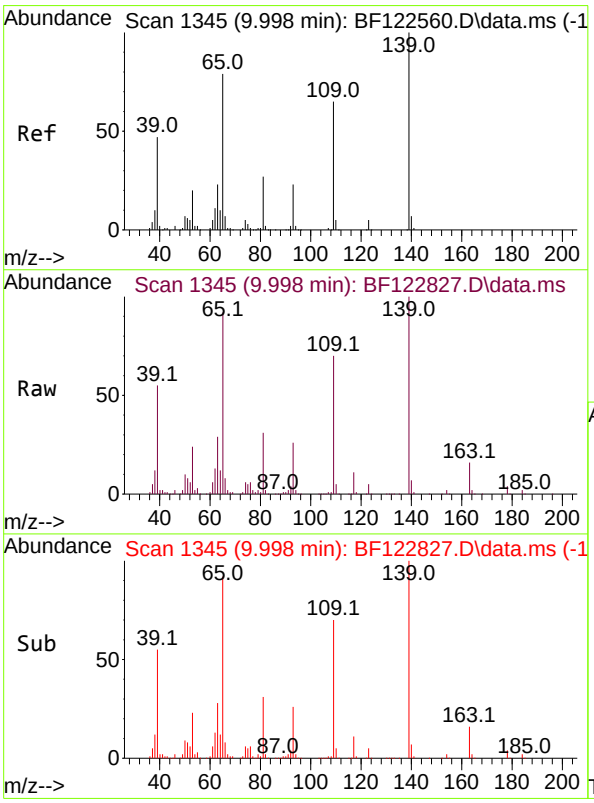



#55
Dibenzofuran
Concen: 43.91 ng
RT: 10.074 min Scan# 1358
Delta R.T. 0.006 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:168 Resp: 1486902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 38.0 | 31.3 | 46.9 |
| 169 | 13.5 | 11.2 | 16.8 |

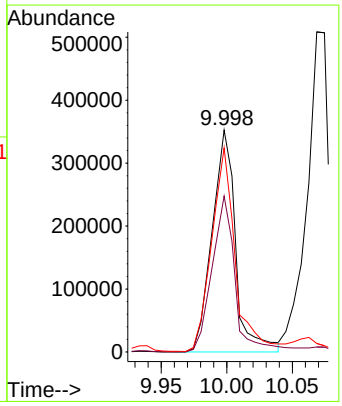


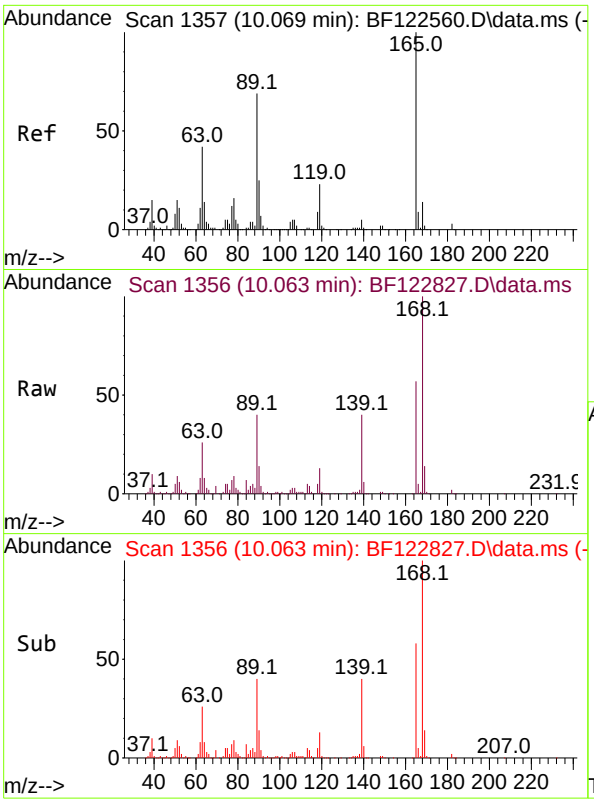

#56
4-Nitrophenol
Concen: 86.08 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.023 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:139 Resp: 438236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 70.2 | 45.1 | 85.1 |
| 65 | 91.9 | 59.2 | 99.2 |



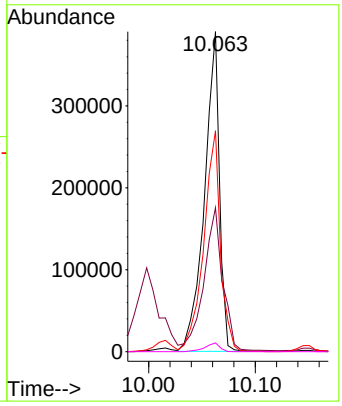
**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

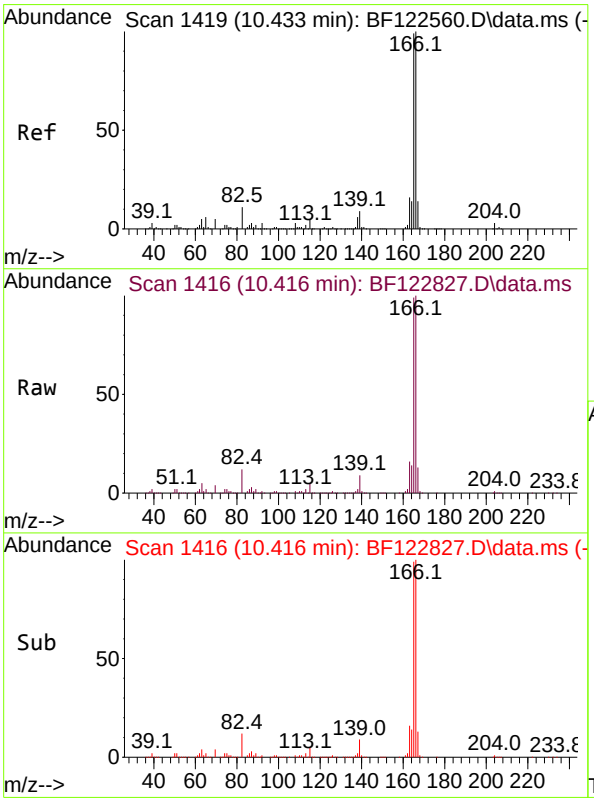



#57
2,4-Dinitrotoluene
Concen: 46.52 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.011 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:165 Resp: 382850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 45.0 | 34.3 | 51.5 |
| 89 | 69.0 | 55.2 | 82.8 |
| 182 | 2.8 | 2.2 | 3.2 |

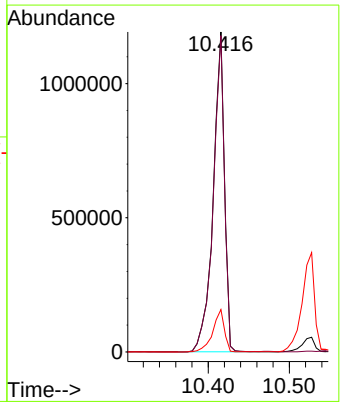


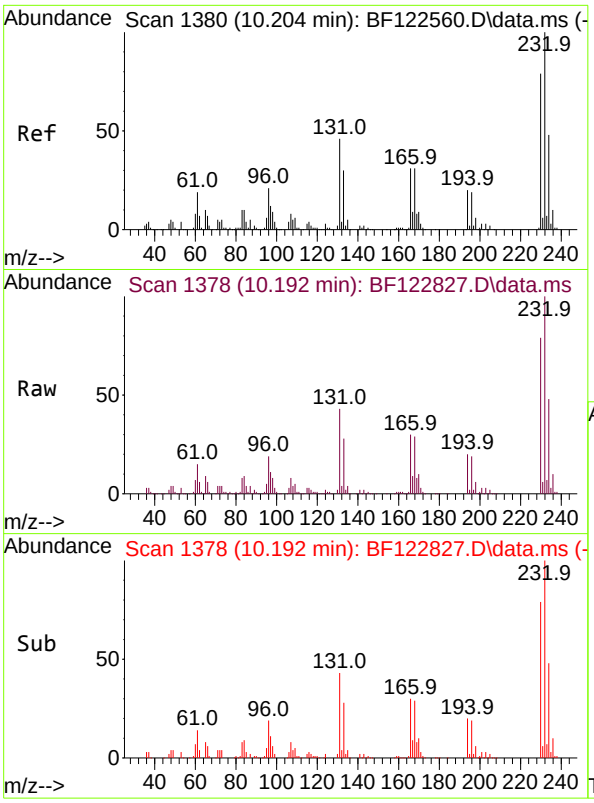

#58
Fluorene
Concen: 42.70 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:166 Resp: 1150028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.8 | 79.4 | 119.0 |
| 167 | 13.3 | 10.9 | 16.3 |



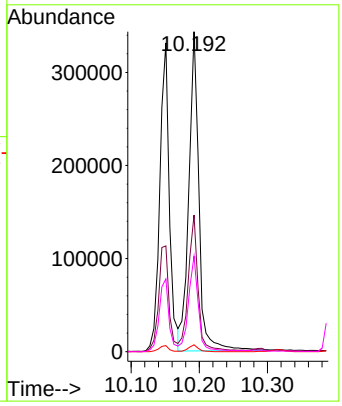
**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

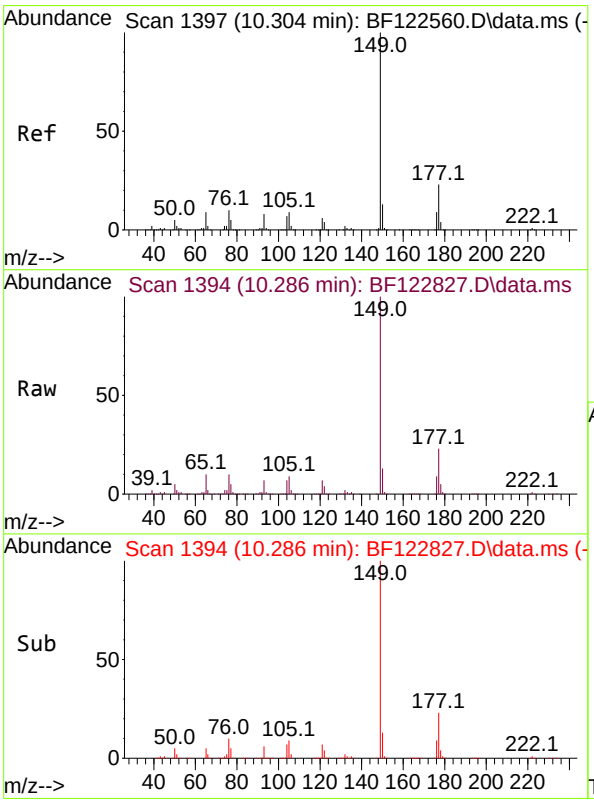



#59
2,3,4,6-Tetrachlorophenol
Concen: 46.09 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:232 Resp: 350753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 40.5 | 33.0 | 49.4 |
| 130 | 2.1 | 1.7 | 2.5 |
| 166 | 28.1 | 23.0 | 34.4 |

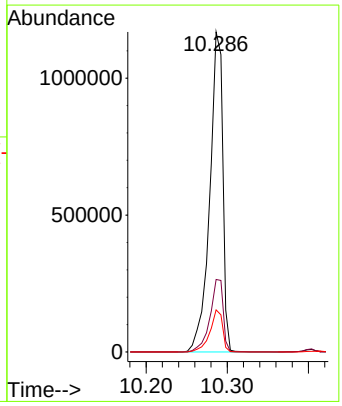


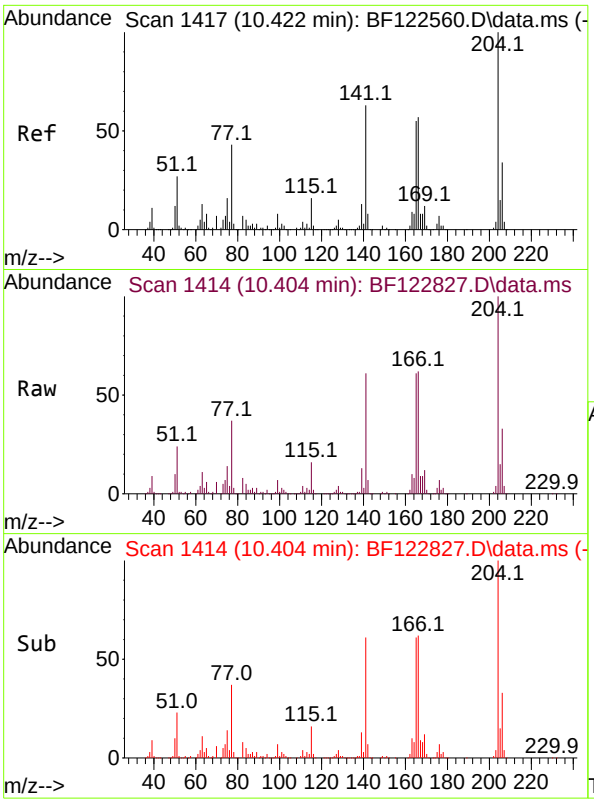

#60
Diethylphthalate
Concen: 45.77 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.006 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:149 Resp: 1302303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.7 | 18.2 | 27.4 |
| 150 | 13.2 | 10.1 | 15.1 |



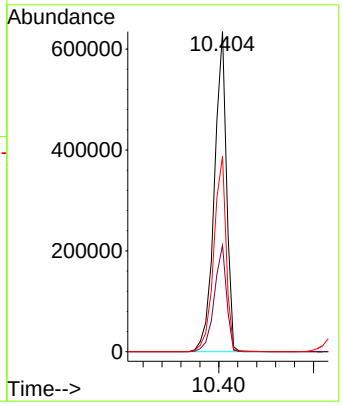
**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

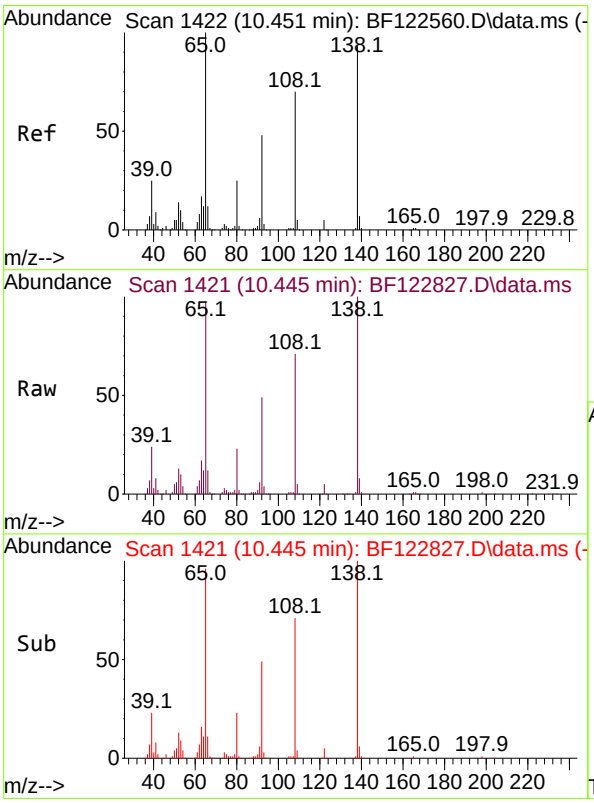



#61
4-Chlorophenyl-phenylether
Concen: 42.55 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:204 Resp: 564281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.3 | 27.0 | 40.4 |
| 141 | 61.1 | 50.4 | 75.6 |

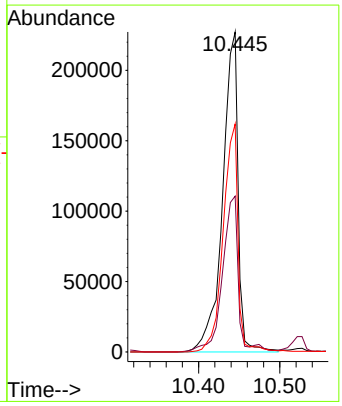


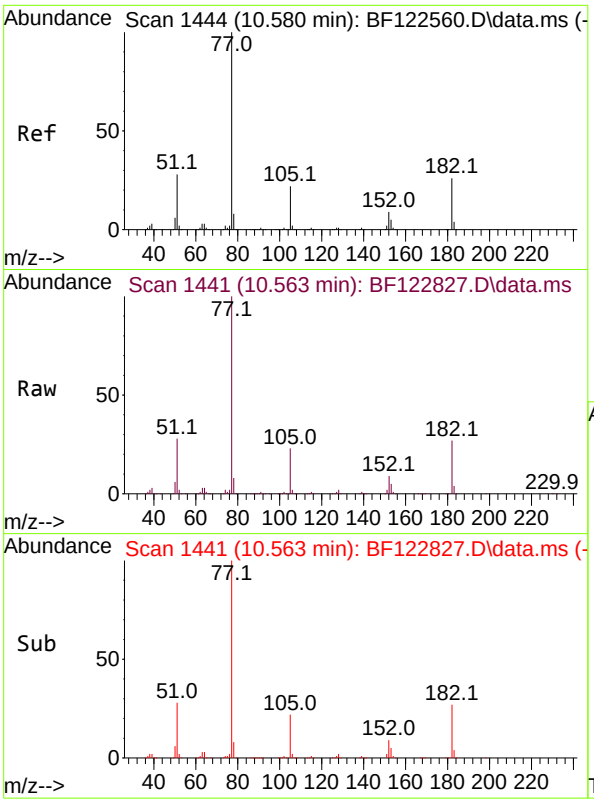

#62
4-Nitroaniline
Concen: 41.83 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.017 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:138 Resp: 303147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 48.7 | 31.0 | 71.0 |
| 108 | 71.3 | 54.8 | 94.8 |



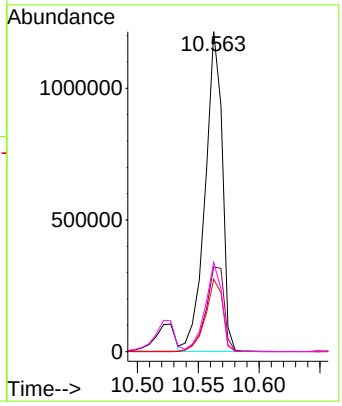
**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

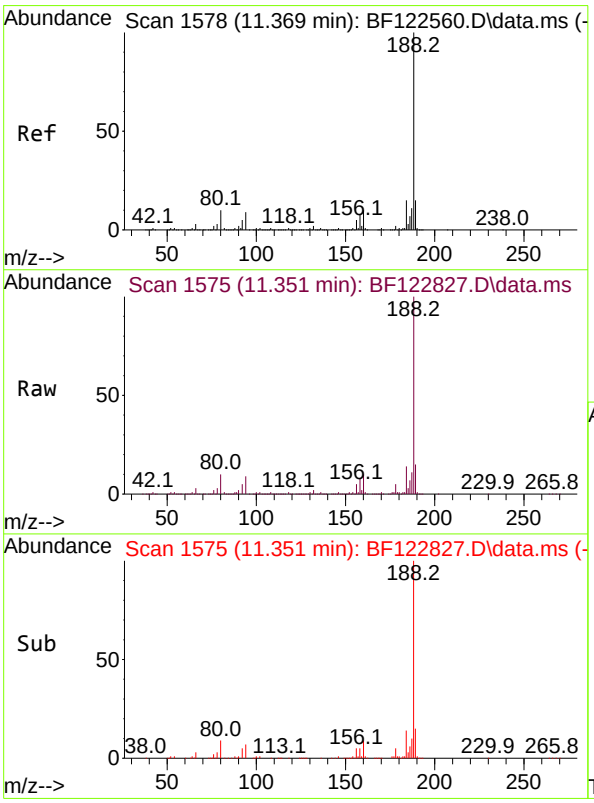



#63
Azobenzene
Concen: 45.14 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion: 77 Resp: 1180717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 26.6 | 5.6 | 45.6 |
| 105 | 22.7 | 1.8 | 41.8 |
| 51 | 27.9 | 8.3 | 48.3 |

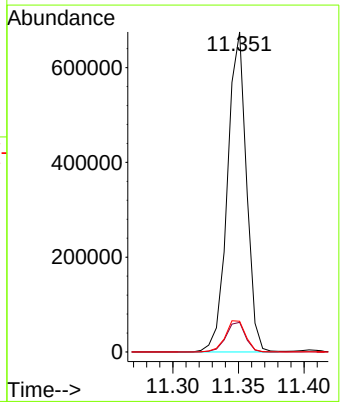


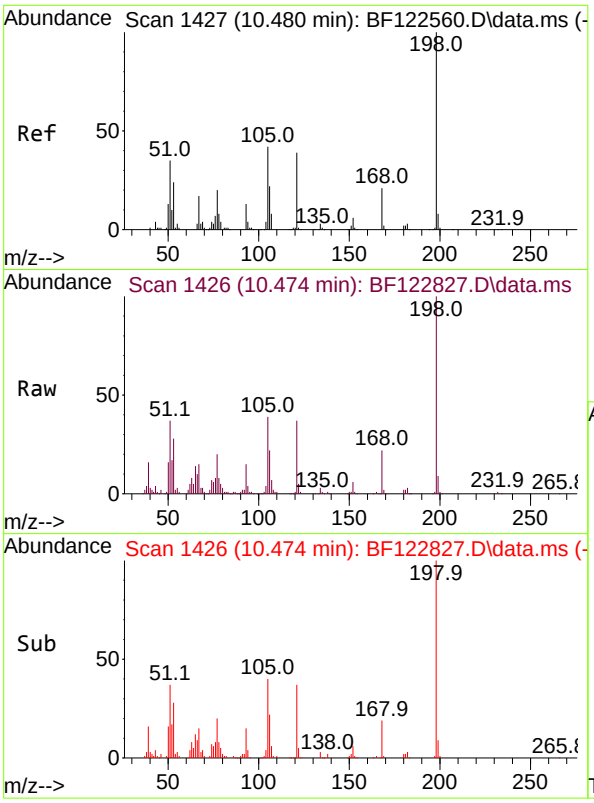

#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:188 Resp: 679510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.3 | 7.4 | 11.2 |
| 80 | 9.6 | 8.2 | 12.4 |



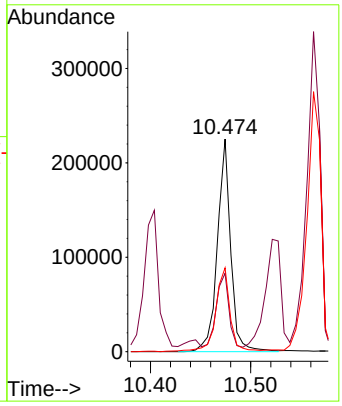
**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

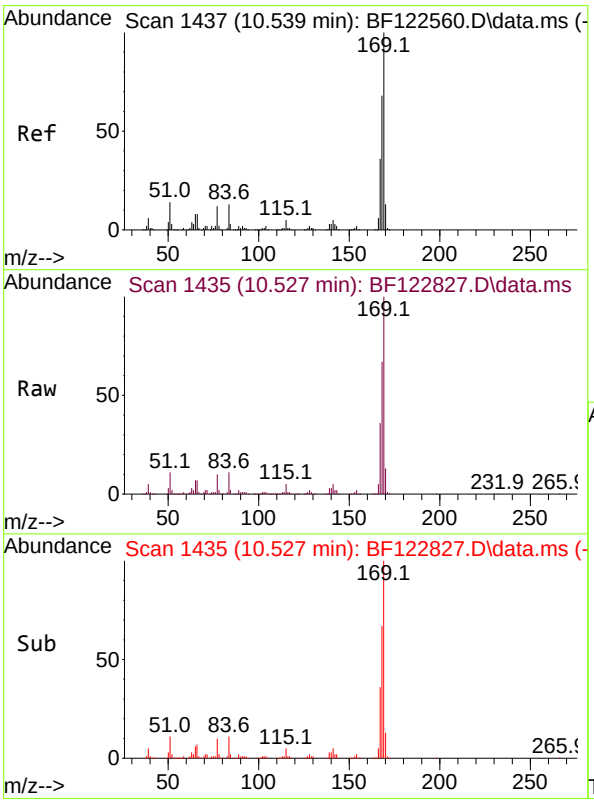



#65
4,6-Dinitro-2-methylphenol
Concen: 50.16 ng
RT: 10.474 min Scan# 1426
Delta R.T. 0.011 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:198 Resp: 207842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 36.9 | 20.3 | 60.3 |
| 105 | 39.4 | 23.0 | 63.0 |

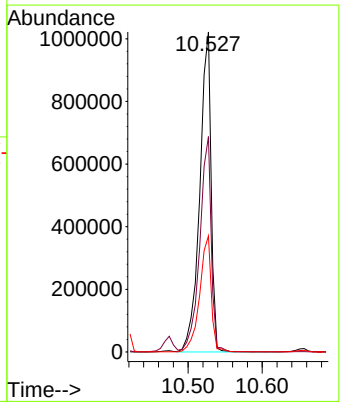


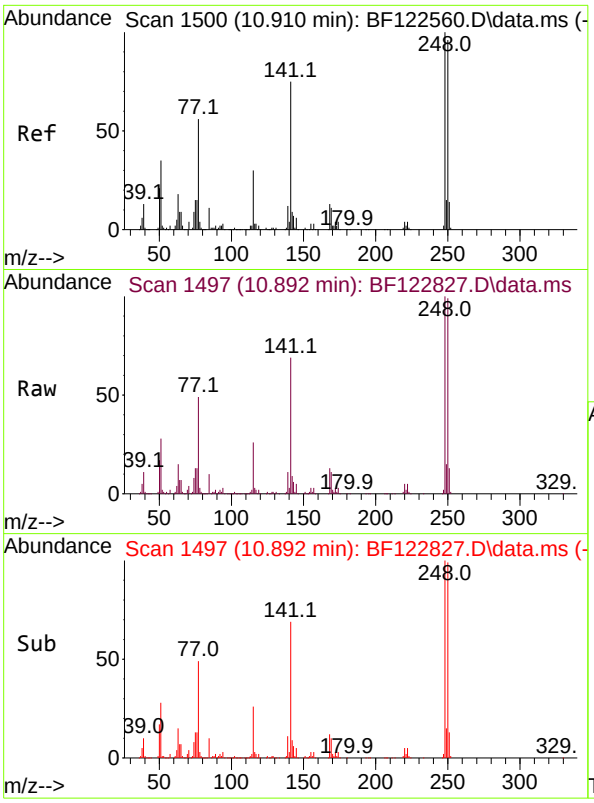

#66
n-Nitrosodiphenylamine
Concen: 45.34 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:169 Resp: 1088496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.3 | 54.2 | 81.2 |
| 167 | 36.2 | 29.2 | 43.8 |



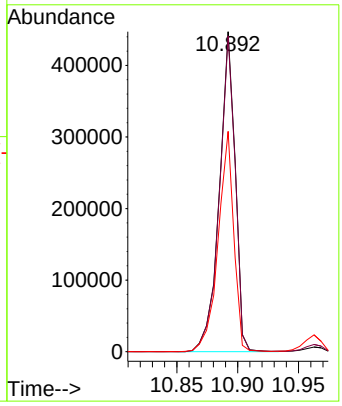
**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

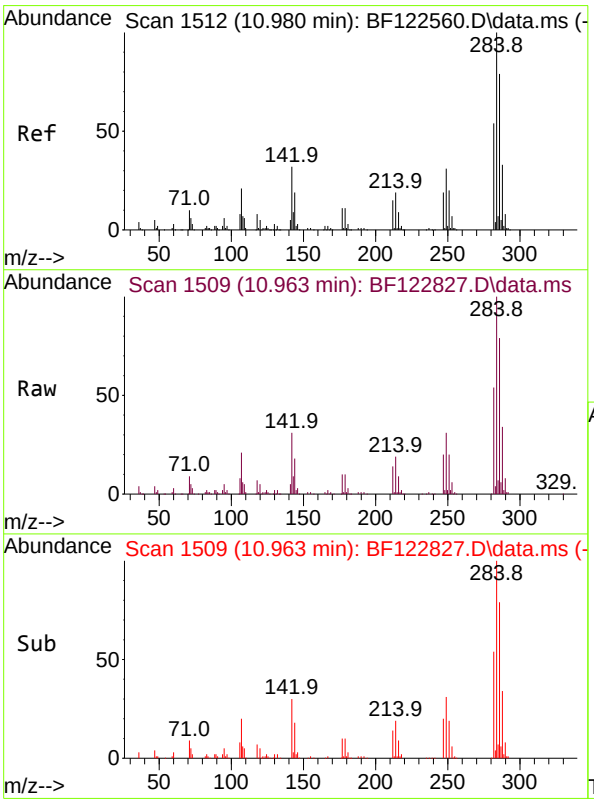



#67
4-Bromophenyl-phenylether
Concen: 43.95 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:248 Resp: 404684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.7 | 76.8 | 115.2 |
| 141 | 68.9 | 59.8 | 89.8 |

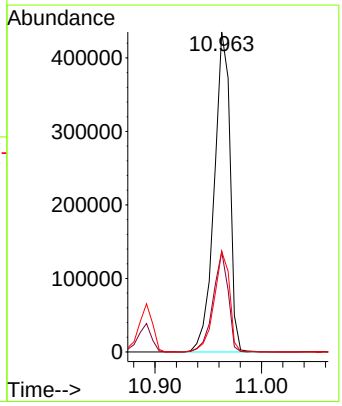


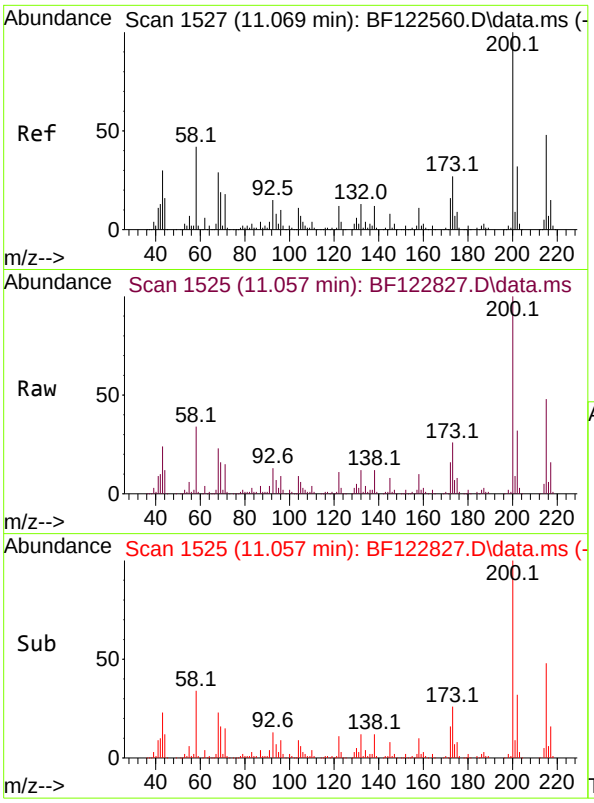

#68
Hexachlorobenzene
Concen: 43.84 ng
RT: 10.963 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:284 Resp: 446220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 31.4 | 25.6 | 38.4 |
| 249 | 31.4 | 25.1 | 37.7 |



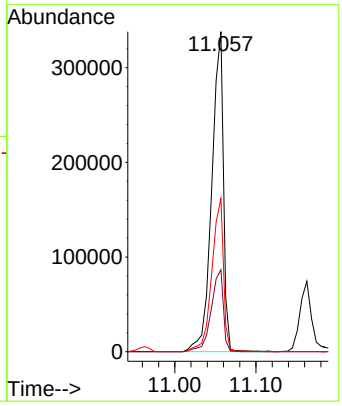
**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

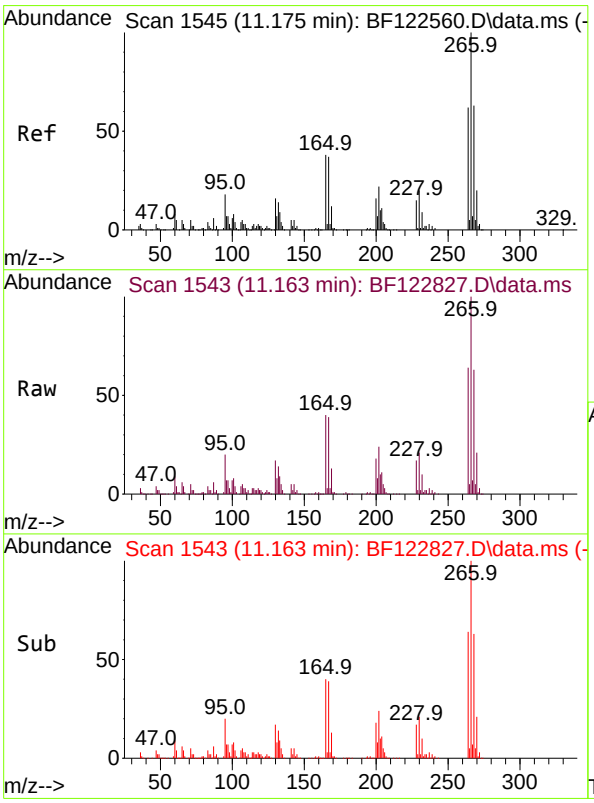



#69
Atrazine
Concen: 43.08 ng
RT: 11.057 min Scan# 1525
Delta R.T. 0.011 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:200 Resp: 335942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 25.6 | 6.6 | 46.6 |
| 215 | 47.9 | 28.1 | 68.1 |

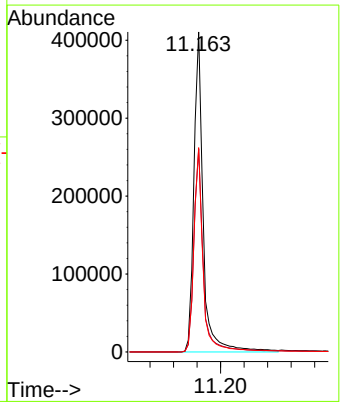


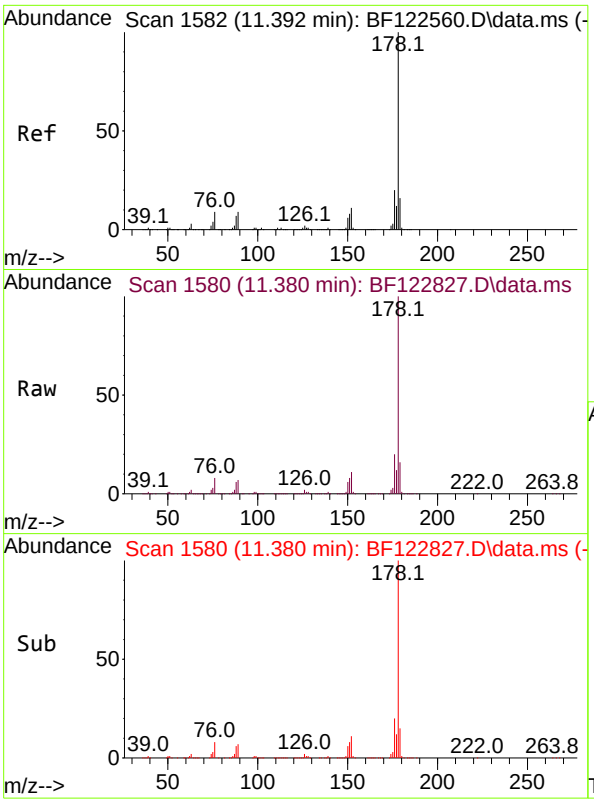

#70
Pentachlorophenol
Concen: 84.30 ng
RT: 11.163 min Scan# 1543
Delta R.T. 0.011 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:266 Resp: 454635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.4 | 50.5 | 75.7 |
| 264 | 63.9 | 49.8 | 74.8 |



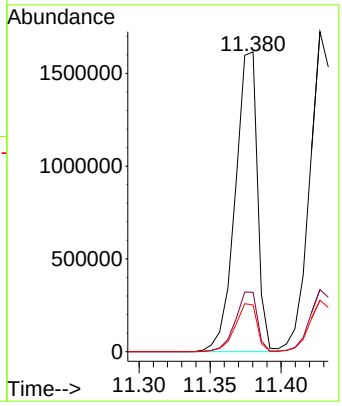
**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

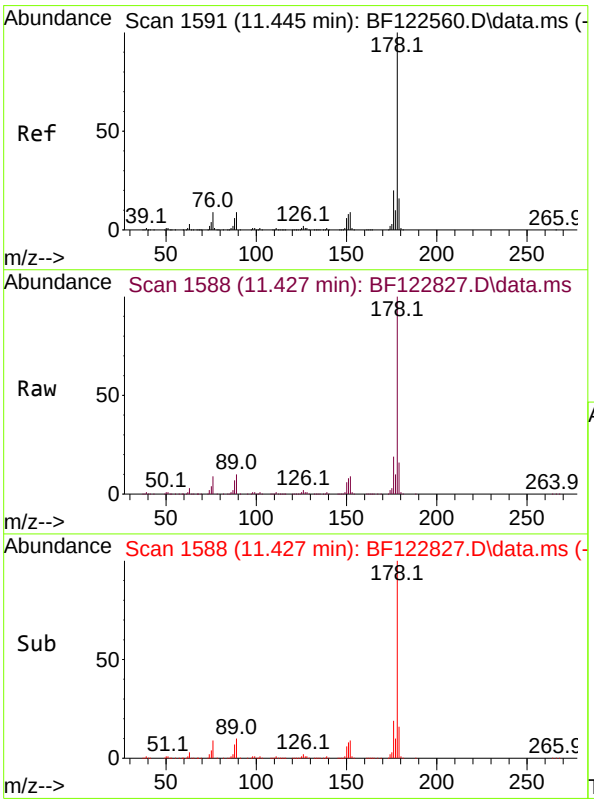



#71
Phenanthrene
Concen: 43.58 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.011 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:178 Resp: 1759969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.8 | 16.2 | 24.2 |
| 179 | 15.6 | 12.7 | 19.1 |

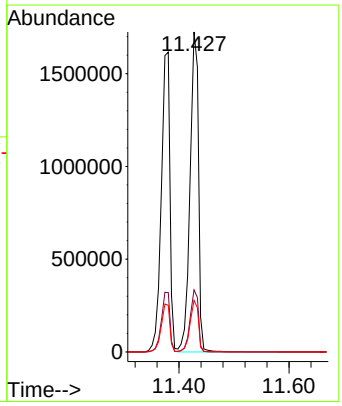


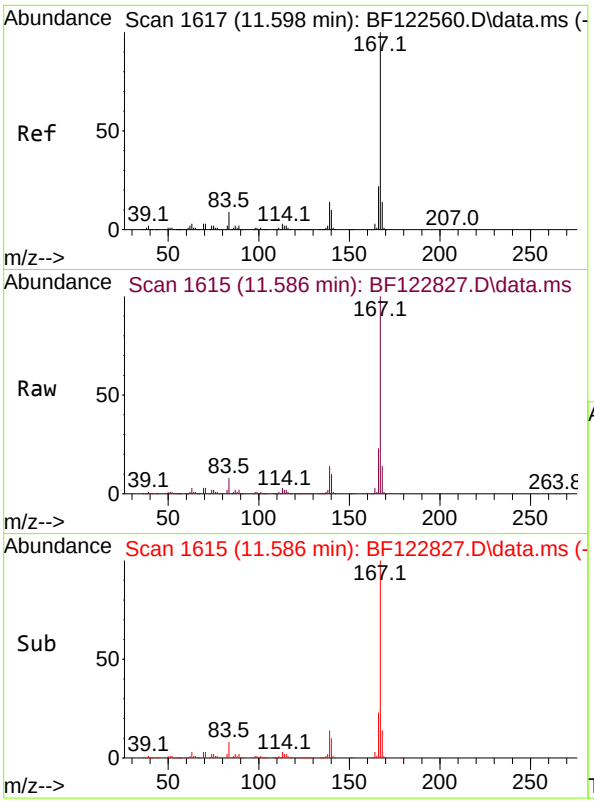

#72
Anthracene
Concen: 45.58 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:178 Resp: 1825194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 15.6 | 23.4 |
| 179 | 16.1 | 12.8 | 19.2 |



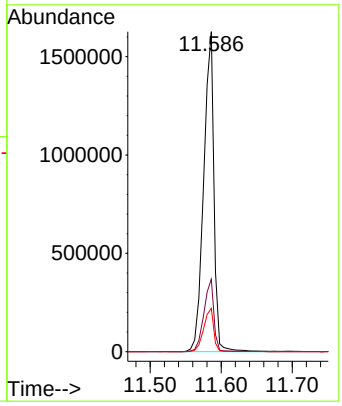
**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

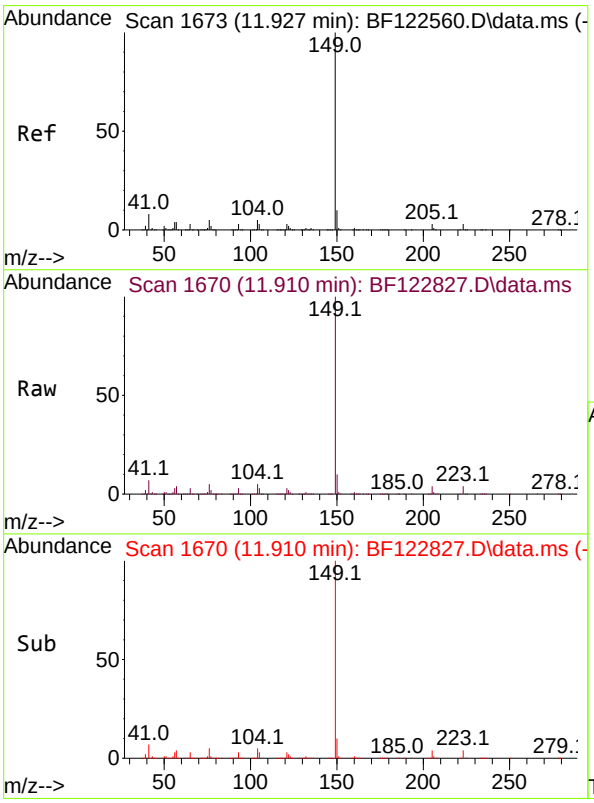



#73
Carbazole
Concen: 45.19 ng
RT: 11.586 min Scan# 1615
Delta R.T. 0.011 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:167 Resp: 1640998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.7 | 18.0 | 27.0 |
| 139 | 13.5 | 10.9 | 16.3 |

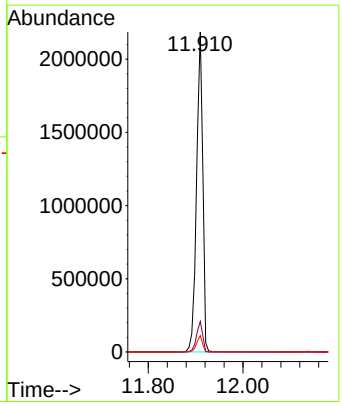


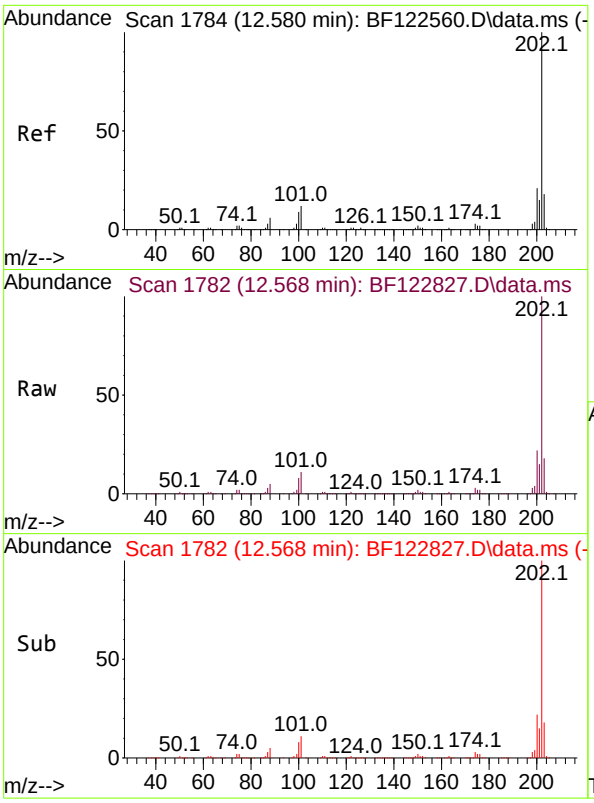

#74
Di-n-butylphthalate
Concen: 43.64 ng
RT: 11.910 min Scan# 1670
Delta R.T. -0.000 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:149 Resp: 1991293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.6 | 7.8 | 11.6 |
| 104 | 5.1 | 4.2 | 6.4 |



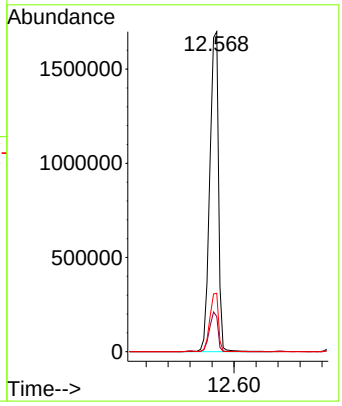
**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

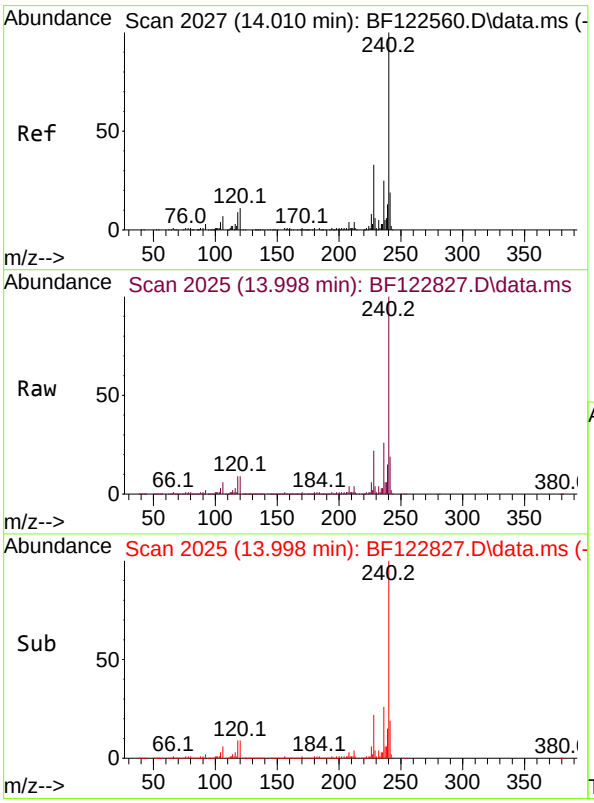



#75
Fluoranthene
Concen: 43.94 ng
RT: 12.568 min Scan# 1782
Delta R.T. 0.011 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:202 Resp: 1860760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.0 | 0.0 | 32.2 |
| 203 | 18.2 | 0.0 | 38.1 |

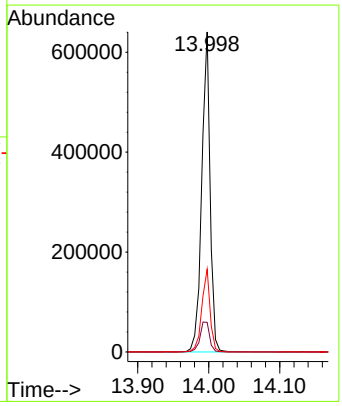


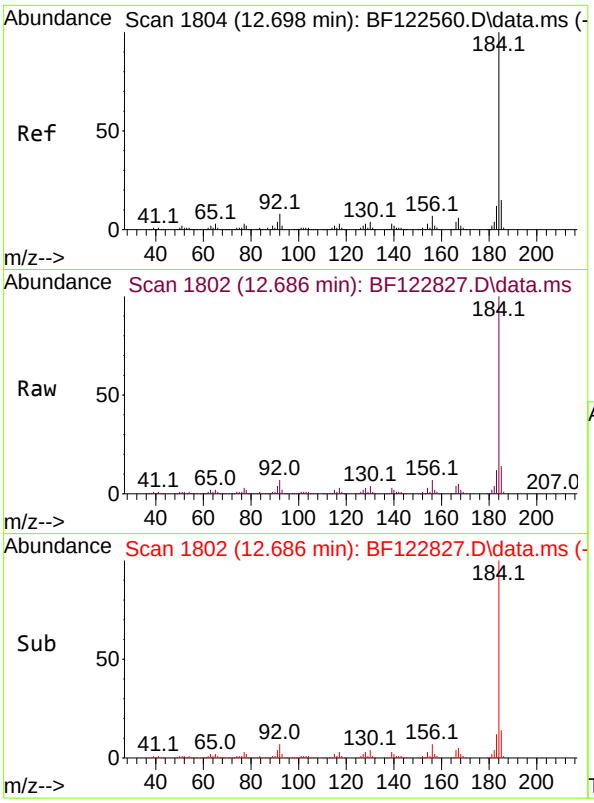

#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.011 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:240 Resp: 525467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.2 | 8.6 | 12.8 |
| 236 | 25.9 | 20.3 | 30.5 |



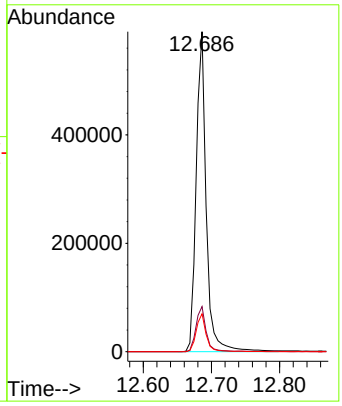
**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

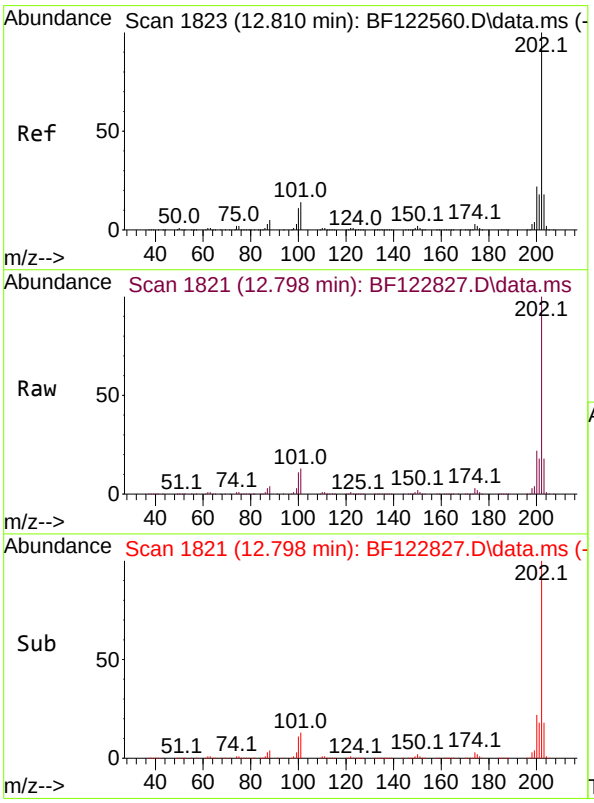



#77
Benzidine
Concen: 52.88 ng
RT: 12.686 min Scan# 1802
Delta R.T. 0.006 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:184 Resp: 601008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.1 | 11.8 | 17.6 |
| 183 | 11.8 | 9.7 | 14.5 |

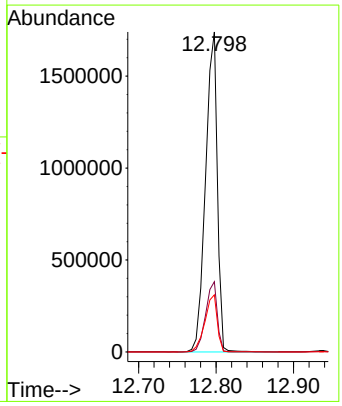


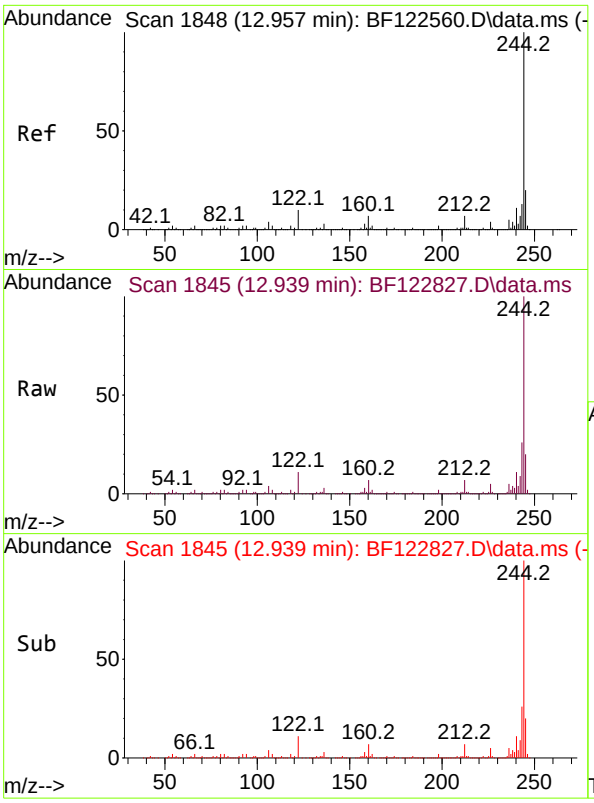

#78
Pyrene
Concen: 45.09 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.011 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:202 Resp: 1831679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.9 | 17.6 | 26.4 |
| 203 | 17.9 | 14.6 | 21.8 |



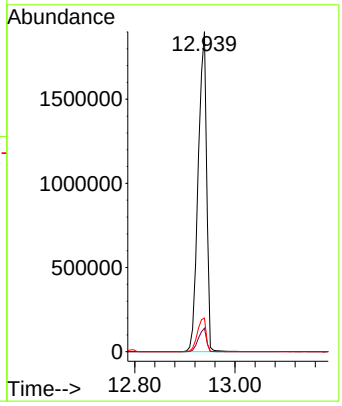
**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

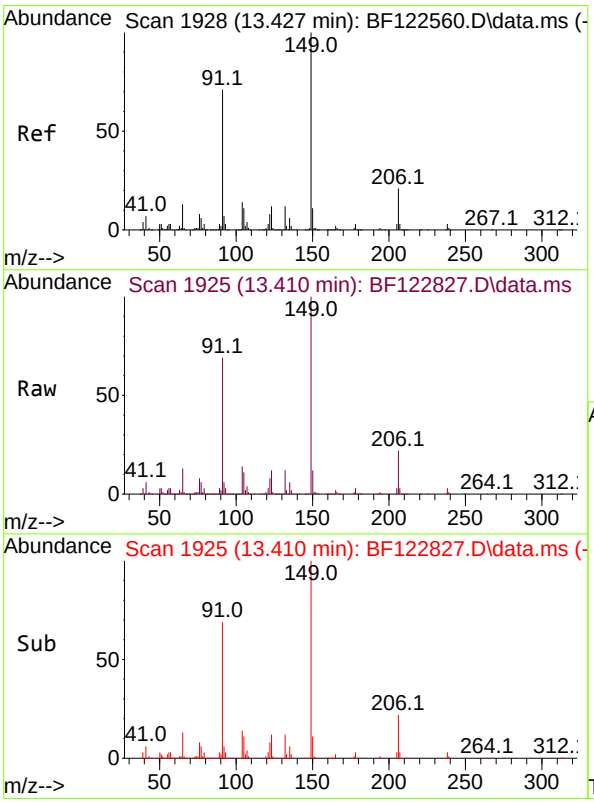



#79
Terphenyl-d14
Concen: 73.56 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.006 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:244 Resp: 2208357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.3 | 5.7 | 8.5 |
| 122 | 10.5 | 8.3 | 12.5 |

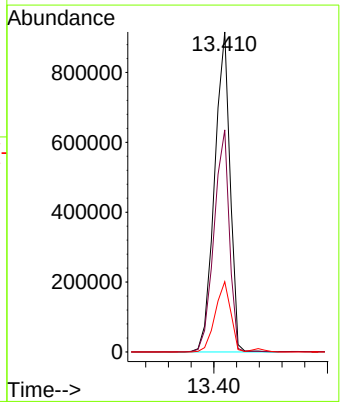


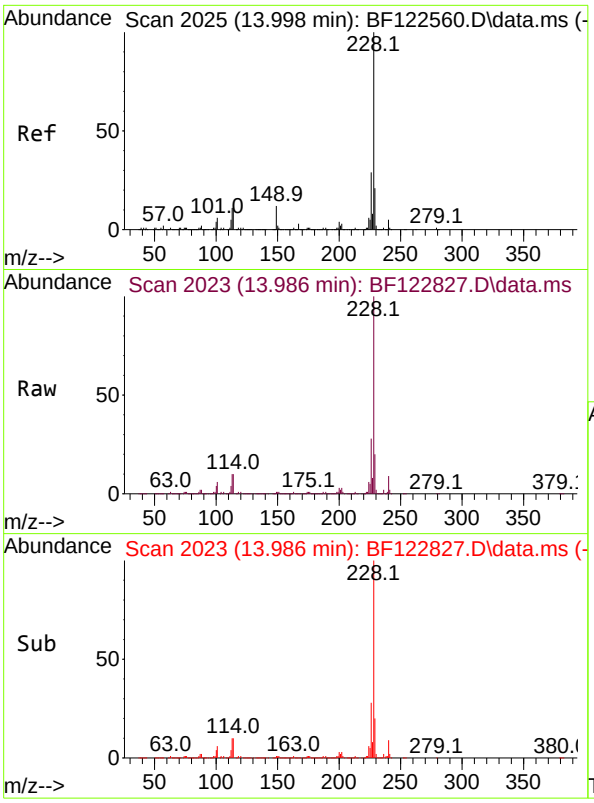

#80
Butylbenzylphthalate
Concen: 47.47 ng
RT: 13.410 min Scan# 1925
Delta R.T. 0.006 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:149 Resp: 868639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 69.4 | 56.5 | 84.7 |
| 206 | 22.0 | 17.0 | 25.6 |



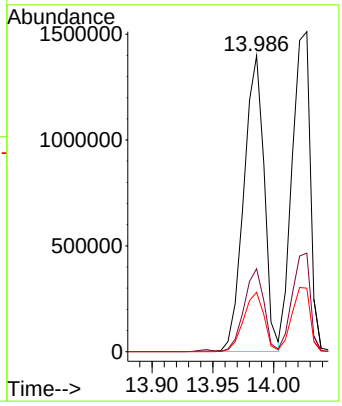
**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

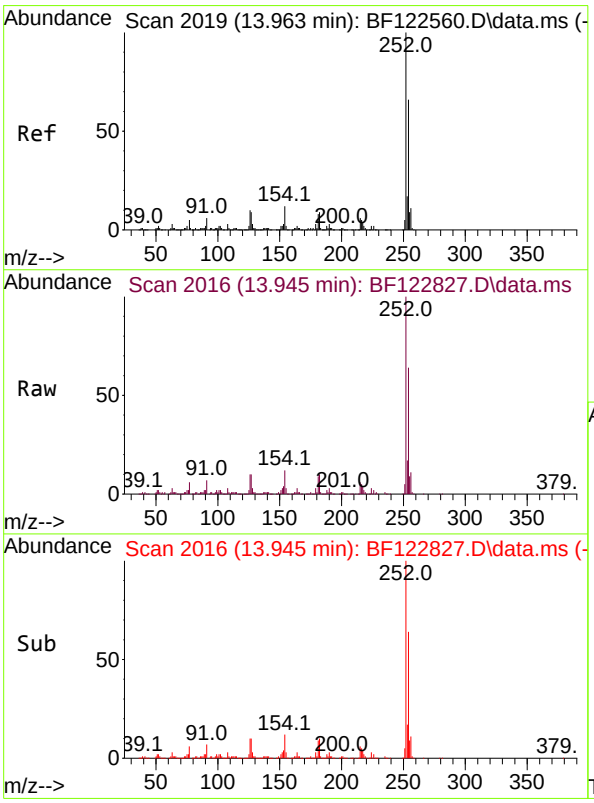



#81
Benzo(a)anthracene
Concen: 46.24 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.011 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:228 Resp: 1623768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.0 | 23.0 | 34.4 |
| 229 | 20.1 | 16.6 | 24.8 |

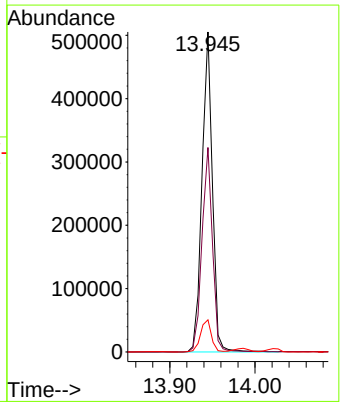


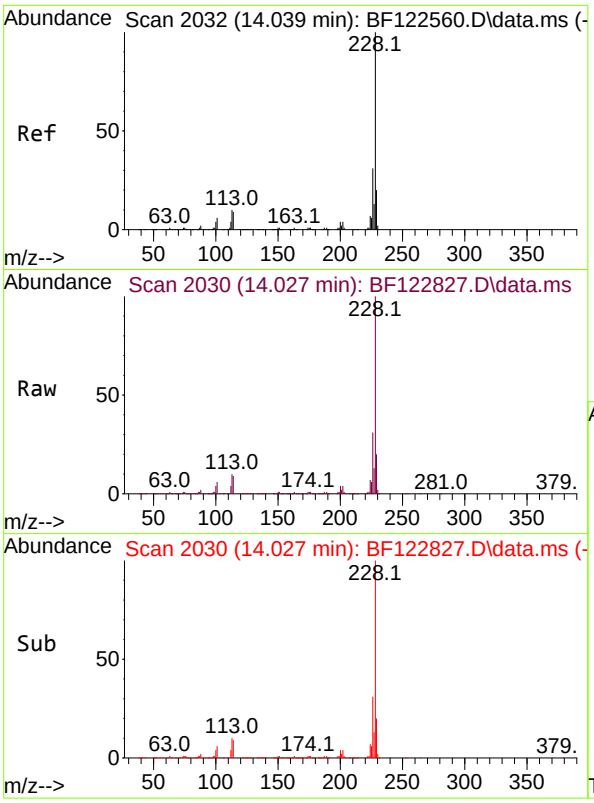




#82
3,3'-Dichlorobenzidine
Concen: 34.01 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:252 Resp: 427760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.9 | 52.7 | 79.1 |
| 126 | 10.1 | 8.0 | 12.0 |

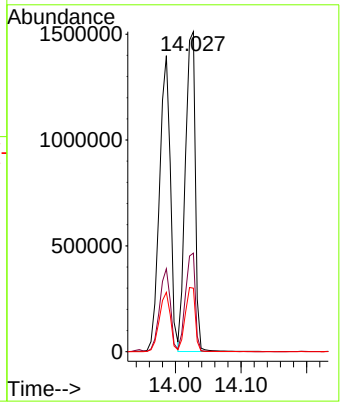




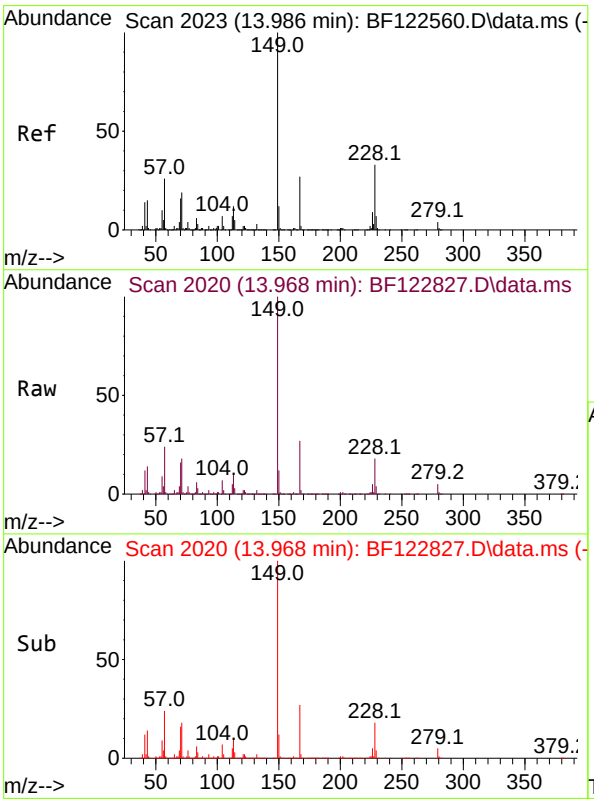

#83
Chrysene
Concen: 45.36 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.011 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:228 Resp: 1585217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.8 | 24.6 | 36.8 |
| 229 | 19.9 | 15.8 | 23.6 |



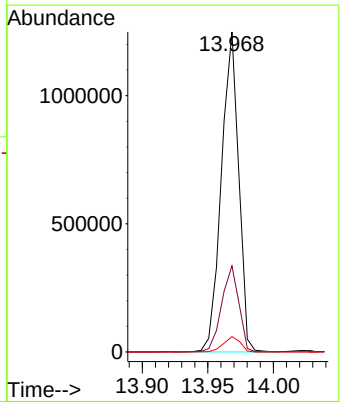

**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

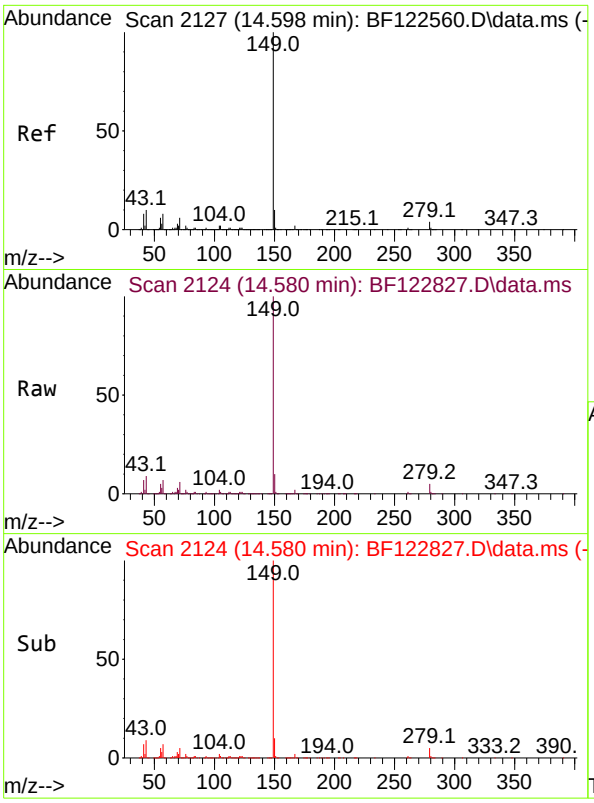



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.66 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:149 Resp: 1144219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.9 | 21.4 | 32.2 |
| 279 | 4.8 | 3.4 | 5.0 |

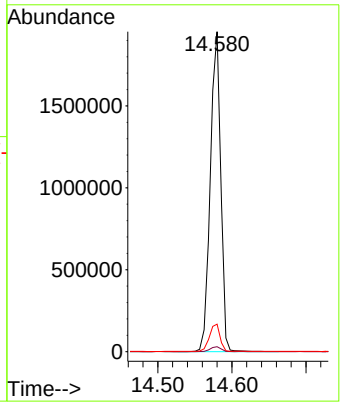




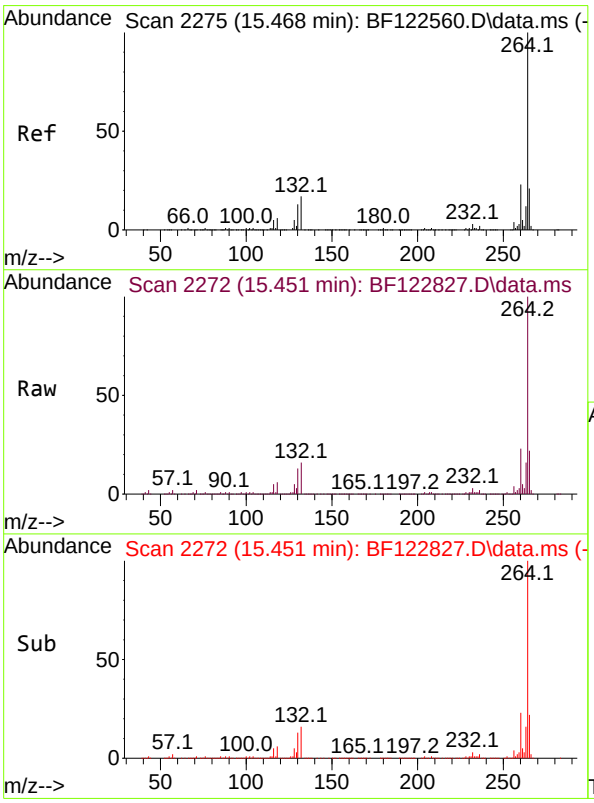

#85
Di-n-octyl phthalate
Concen: 45.78 ng
RT: 14.580 min Scan# 2124
Delta R.T. 0.006 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:149 Resp: 1903014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.3 | 1.9 |
| 43 | 8.8 | 7.6 | 11.4 |



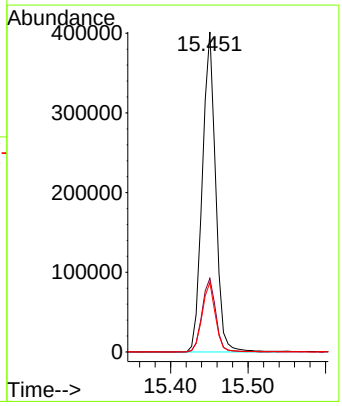

**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

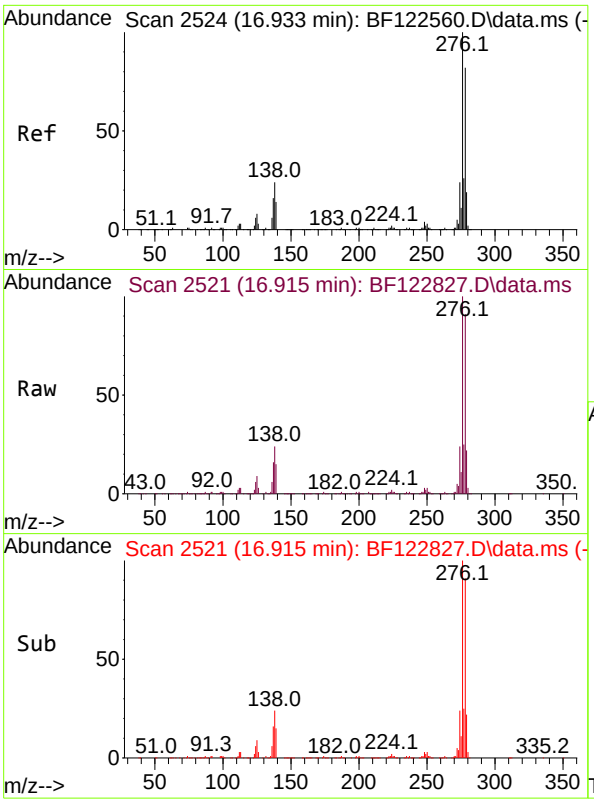



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.011 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:264 Resp: 477802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.0 | 18.6 | 28.0 |
| 265 | 21.7 | 17.0 | 25.6 |

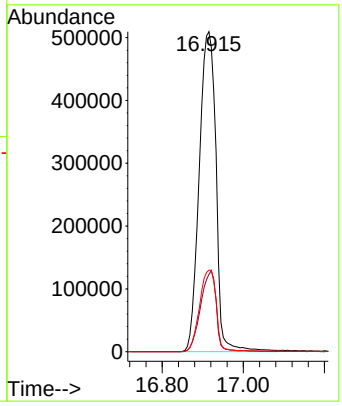




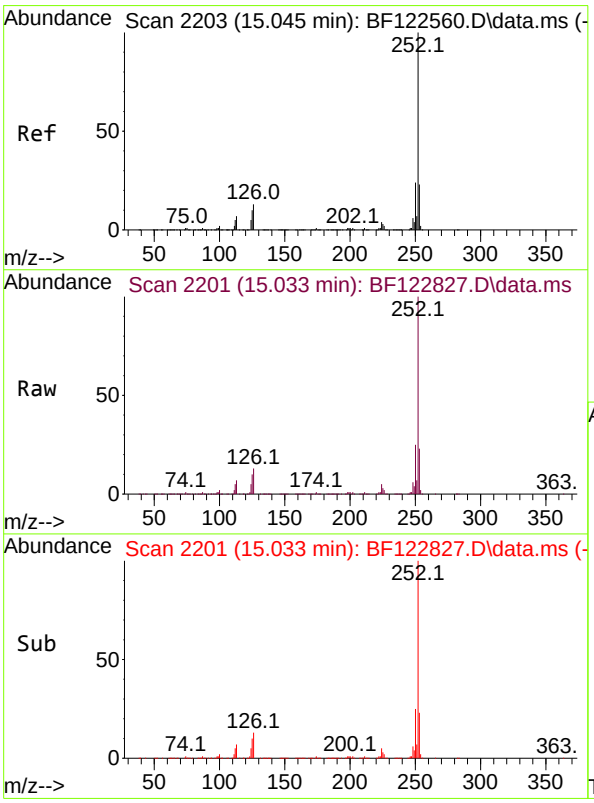

#87
Indeno(1,2,3-cd)pyrene
Concen: 46.68 ng
RT: 16.915 min Scan# 2521
Delta R.T. 0.023 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:276 Resp: 1464179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 23.8 | 18.7 | 28.1 |
| 277 | 25.3 | 20.2 | 30.4 |



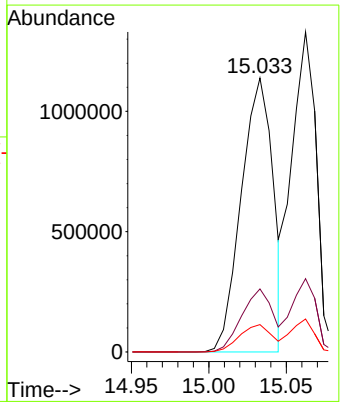

**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD



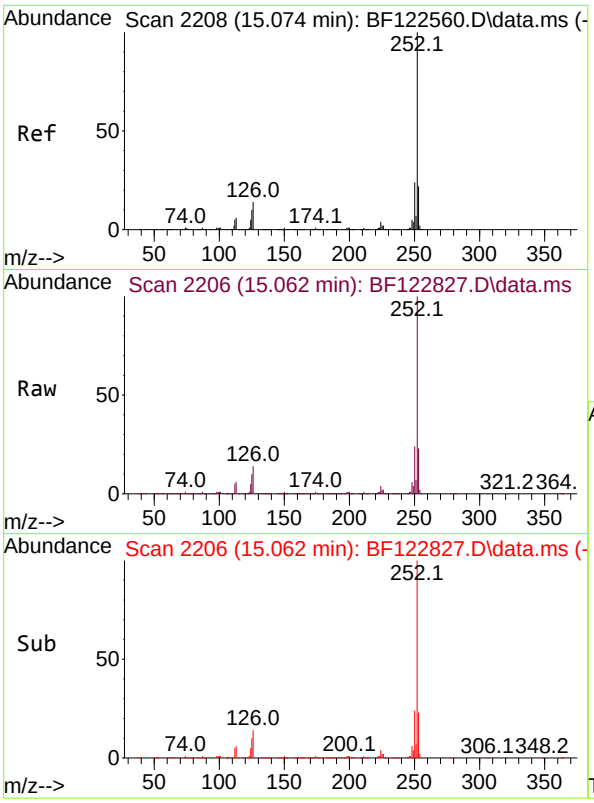

#88
Benzo(b)fluoranthene
Concen: 48.68 ng
RT: 15.033 min Scan# 2201
Delta R.T. 0.011 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:252 Resp: 1632009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.0 | 18.3 | 27.5 |
| 125 | 10.0 | 8.1 | 12.1 |



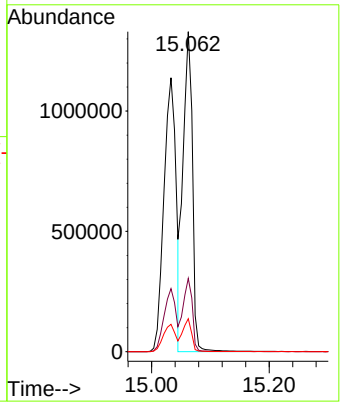
**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

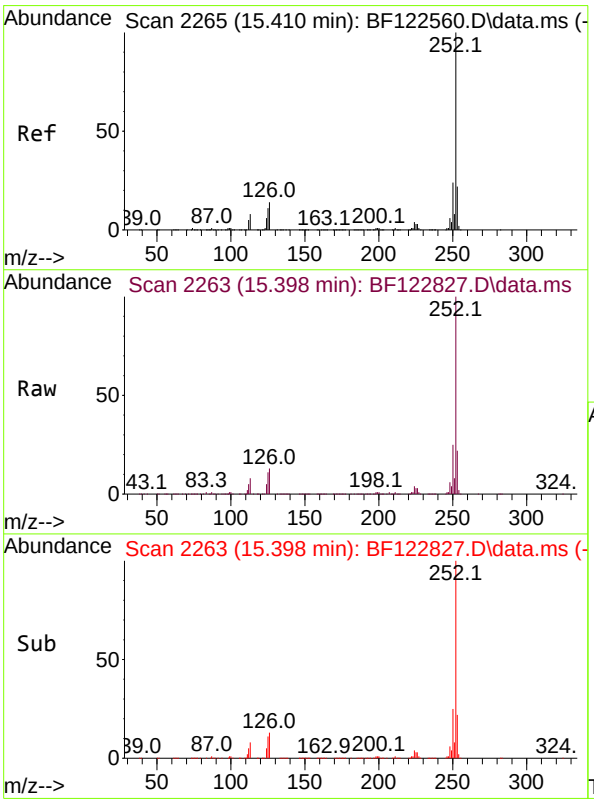



#89
Benzo(k)fluoranthene
Concen: 48.29 ng
RT: 15.062 min Scan# 2206
Delta R.T. 0.011 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:252 Resp: 1480274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.9 | 17.8 | 26.8 |
| 125 | 10.3 | 8.4 | 12.6 |

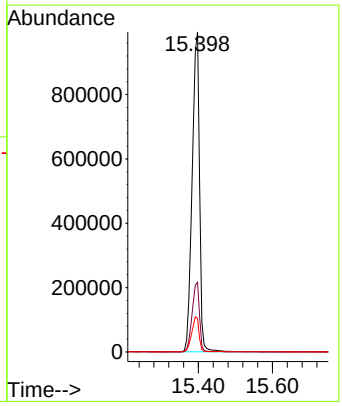


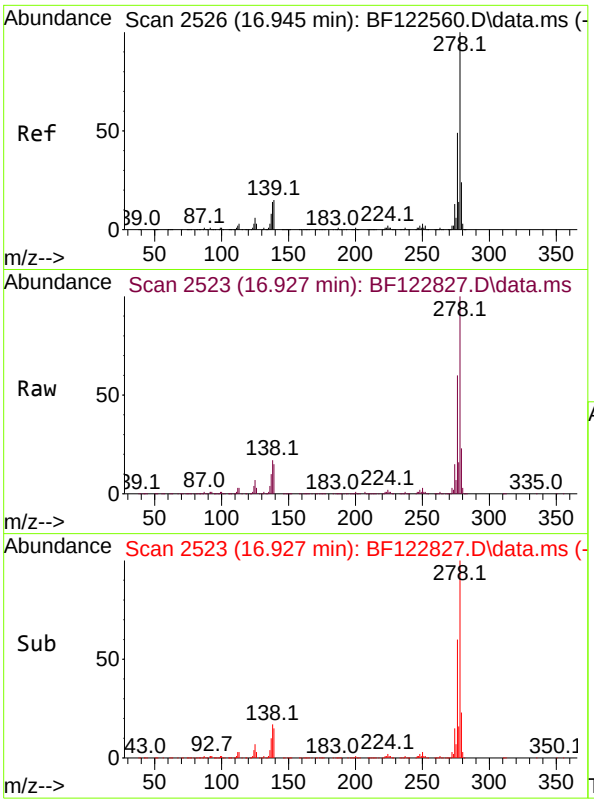

#90
Benzo(a)pyrene
Concen: 46.96 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.017 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:252 Resp: 1377177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.5 | 26.3 |
| 125 | 10.5 | 8.6 | 12.8 |



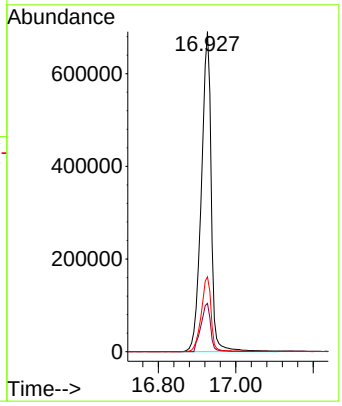
**Instrument :**
BNA_F
**ClientSampleId :**
LLEXSITUTV-021-001-SOMSD

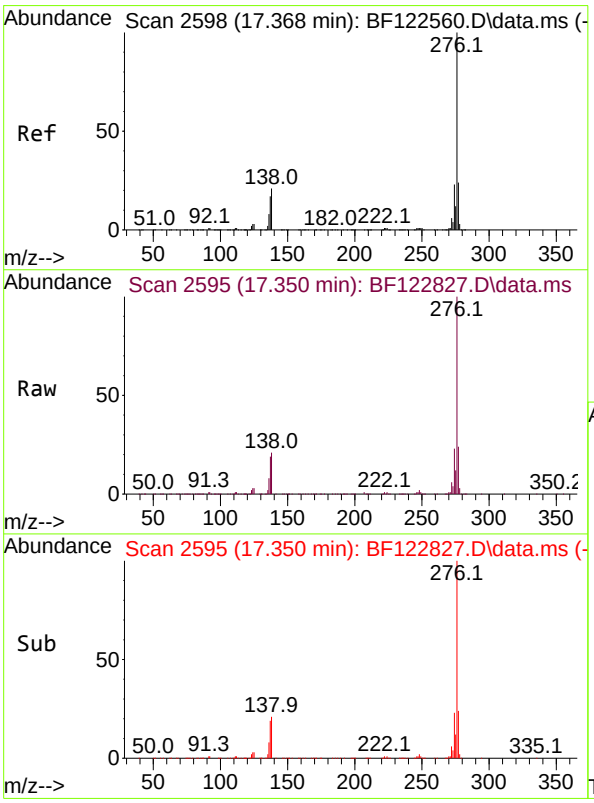



#91
Dibenzo(a,h)anthracene
Concen: 47.36 ng
RT: 16.927 min Scan# 2523
Delta R.T. 0.023 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:278 Resp: 1215585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.1 | 12.0 | 18.0 |
| 279 | 23.4 | 19.4 | 29.2 |




#92
Benzo(g,h,i)perylene
Concen: 48.72 ng
RT: 17.350 min Scan# 2595
Delta R.T. 0.023 min
Lab File: BF122827.D
Acq: 22 Dec 2020 23:05

Tgt Ion:276 Resp: 1210360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.7 | 19.3 | 28.9 |
| 138 | 20.7 | 16.6 | 24.8 |