Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
Data File : BF120864.D
Acq On : 14 Jul 2020 16:48
Operator : JU/CG
Sample : L3181-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CL-02-070920

Quant Time: Jul 14 17:11:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 14:16:14 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.83 | 152 | 205415 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.11 | 136 | 771973 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.87 | 164 | 385732 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.36 | 188 | 667980 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.00 | 240 | 424433 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.46 | 264 | 490470 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.44 | 112 | 900882 | 67.70 | ng | | 0.00 |
| 7) Phenol-d6 | 6.45 | 99 | 1097924 | 64.61 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.39 | 82 | 677960 | 50.88 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.66 | 330 | 270728 | 69.86 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.19 | 172 | 1194964 | 46.87 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.94 | 244 | 995677 | 45.93 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 7.39 | 70 | 89778 | 8.774 | ng | # | 75 |
| 25) Isophorone | 7.39 | 82 | 676012 | 23.526 | ng | # | 64 |
| 31) Naphthalene | 8.13 | 128 | 507579 | 12.303 | ng | | 99 |
| 32) Benzoic acid | 7.89 | 122 | 777 | 4.311 | ng | # | 23 |
| 33) 4-Chloroaniline | 8.13 | 127 | 66776 | 3.814 | ng | # | 34 |
| 37) 2-Methylnaphthalene | 8.83 | 142 | 400838 | 14.946 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.93 | 142 | 382856 | 15.240 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.29 | 154 | 90079 | 2.895 | ng | | 99 |
| 48) 2-Nitroaniline | 9.38 | 65 | 2005 | 2.874 | ng | # | 24 |
| 49) Acenaphthylene | 9.73 | 152 | 418106 | 10.699 | ng | | 97 |
| 50) Dimethylphthalate | 9.58 | 163 | 189419 | 6.732 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.56 | 165 | 2341 | 2.676 | ng | # | 81 |
| 52) Acenaphthene | 9.90 | 154 | 206298 | 8.509 | ng | | 97 |
| 53) 3-Nitroaniline | 9.85 | 138 | 484 | 2.231 | ng | # | 61 |
| 54) 2,4-Dinitrophenol | 10.13 | 184 | 113 | 9.576 | ng | # | 1 |
| 55) Dibenzofuran | 10.07 | 168 | 316849 | 9.067 | ng | # | 96 |
| 56) 4-Nitrophenol | 9.97 | 139 | 7188 | 3.448 | ng | # | 27 |
| 57) 2,4-Dinitrotoluene | 10.07 | 165 | 3848 | 3.592 | ng | # | 1 |
| 58) Fluorene | 10.42 | 166 | 785076 | 30.181 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylphenol | 10.61 | 198 | 119 | 7.044 | ng | # | 1 |
| 67) 4-Bromophenyl-phenylether | 10.65 | 248 | 16284 | 2.102 | ng | # | 1 |
| 71) Phenanthrene | 11.39 | 178 | 2871954 | 79.240 | ng | | 99 |
| 72) Anthracene | 11.43 | 178 | 1100056 | 30.036 | ng | | 99 |
| 73) Carbazole | 11.58 | 167 | 285082 | 8.100 | ng | | 99 |
| 75) Fluoranthene | 12.57 | 202 | 2313474 | 59.920 | ng | | 99 |
| 78) Pyrene | 12.80 | 202 | 2323239 | 68.537 | ng | | 99 |
| 81) Benzo(a)anthracene | 14.02 | 228 | 979499 | 36.002 | ng | | 94 |
| 83) Chrysene | 14.02 | 228 | 979499 | 35.295 | ng | | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 16.90 | 276 | 491530 | 15.624 | ng | | 97 |
| 88) Benzo(b)fluoranthene | 15.03 | 252 | 1451239 | 45.007 | ng | # | 97 |
| 89) Benzo(k)fluoranthene | 15.03 | 252 | 1451239 | 46.253 | ng | # | 97 |
| 90) Benzo(a)pyrene | 15.40 | 252 | 906376 | 31.511 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 17.07 | 278 | 122158 | 4.659 | ng | | 94 |
| 92) Benzo(g,h,i)perylene | 17.33 | 276 | 442242 | 18.455 | ng | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
Data File : BF120864.D
Acq On : 14 Jul 2020 16:48
Operator : JU/CG
Sample : L3181-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
CL-02-070920

Quant Time: Jul 14 17:11:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 14:16:14 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

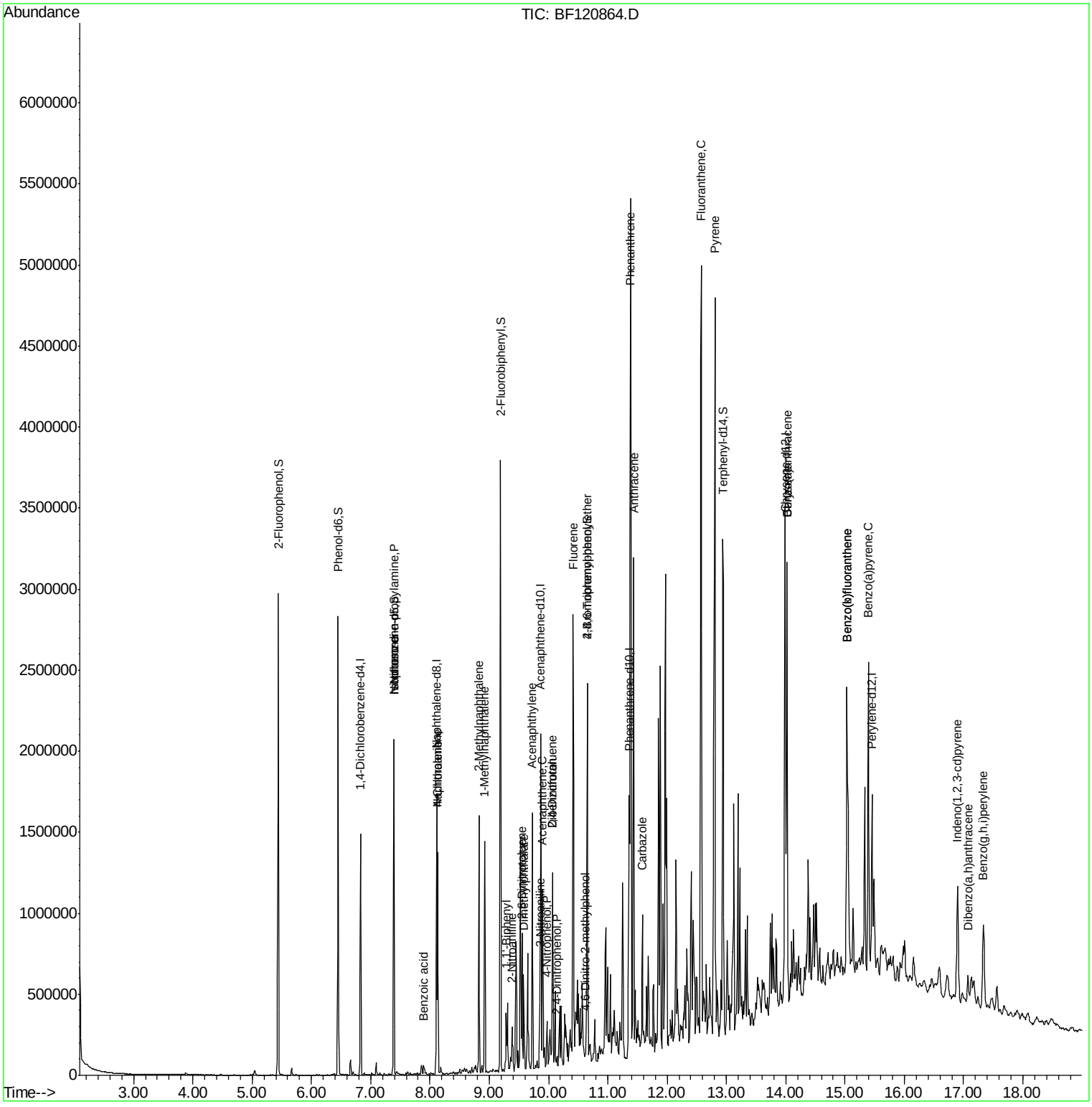
(#) = qualifier out of range (m) = manual integration (+) = signals summed

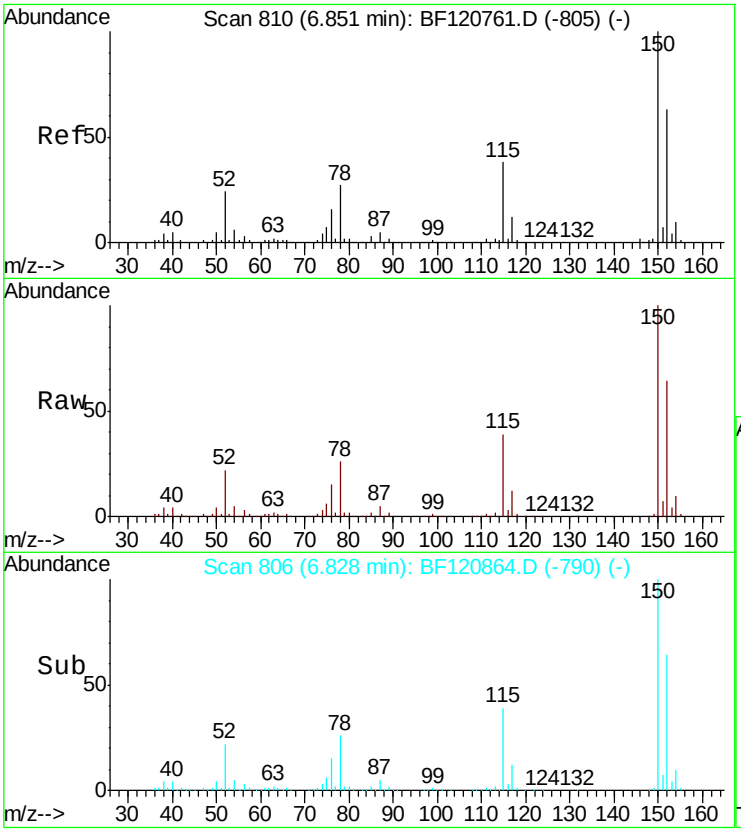
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
Data File : BF120864.D
Acq On : 14 Jul 2020 16:48
Operator : JU/CG
Sample : L3181-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
CL-02-070920

Quant Time: Jul 14 17:11:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 14:16:14 2020
Response via : Initial Calibration



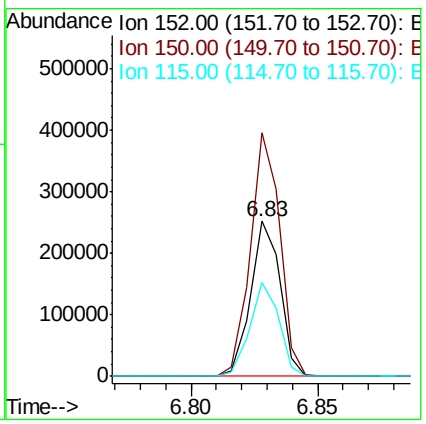


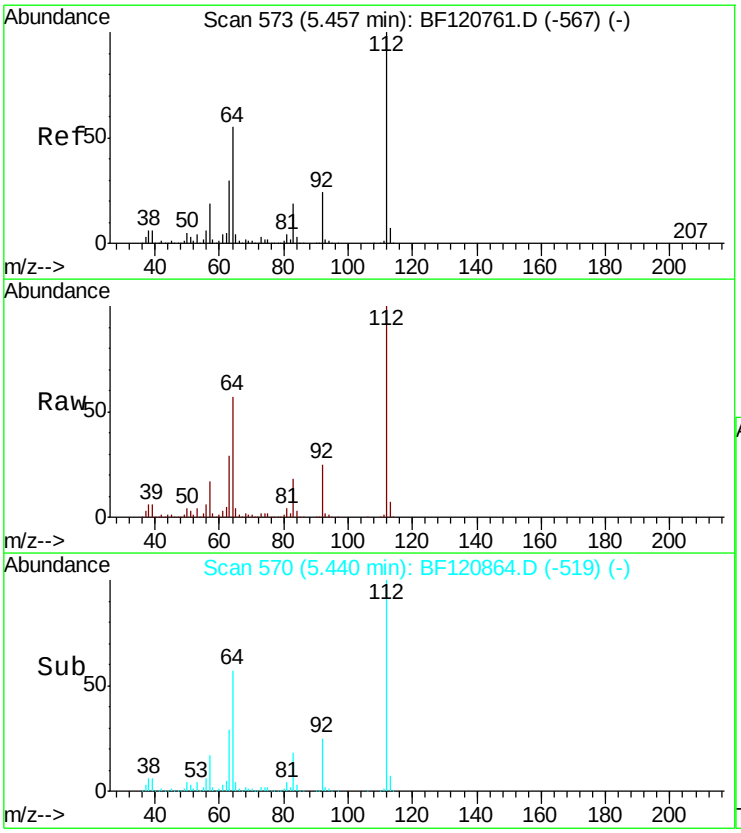

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

**Instrument :**
BNA_P
**ClientSampleId :**
CL-02-070920

Tgt Ion:152 Resp: 205415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.0 | 126.1 | 189.1 |
| 115 | 60.7 | 48.5 | 72.7 |

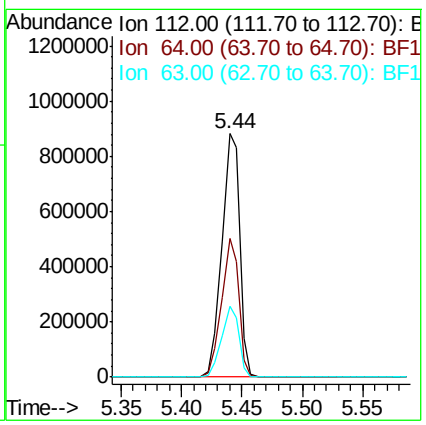


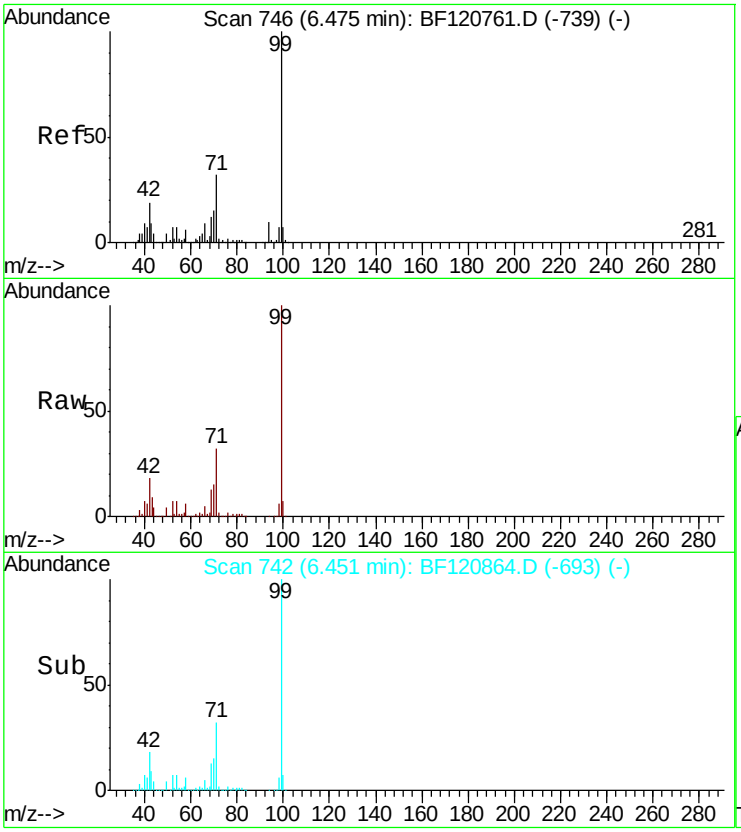




#5
2-Fluorophenol
Concen: 67.699 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

Tgt Ion:112 Resp: 900882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 56.8 | 43.8 | 65.6 |
| 63 | 29.0 | 23.6 | 35.4 |



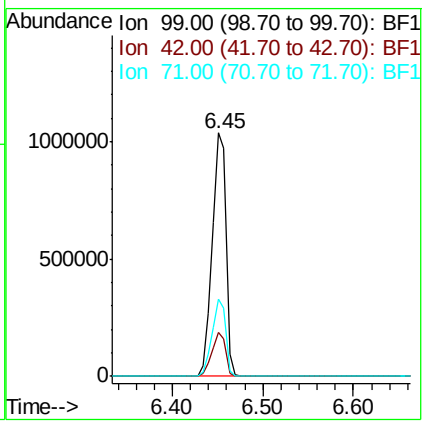


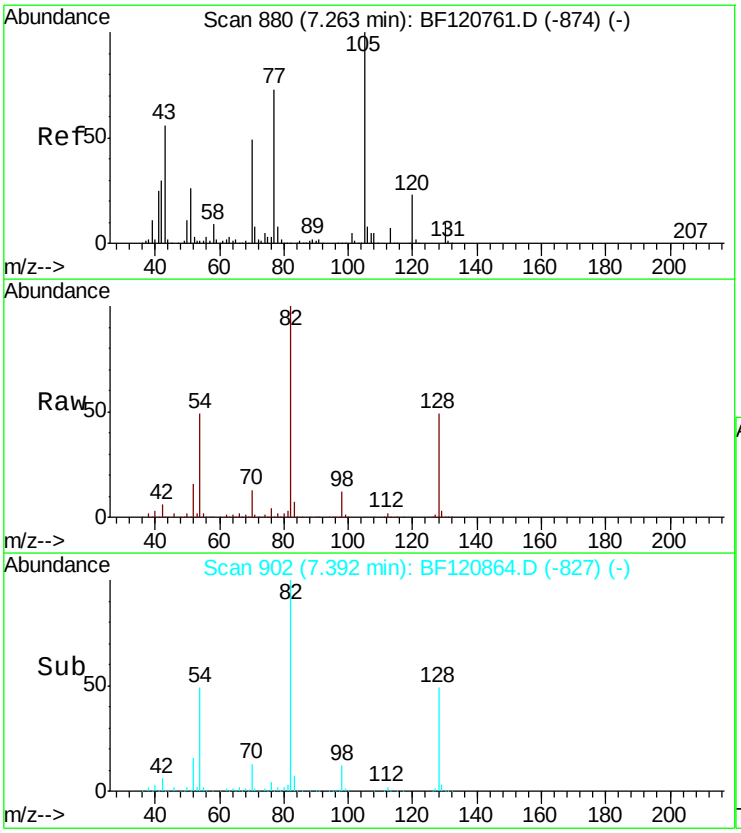

#7
Phenol-d6
Concen: 64.608 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

**Instrument :**
BNA_P
**ClientSampleId :**
CL-02-070920

Tgt Ion: 99 Resp: 1097924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.0 | 15.4 | 23.0 |
| 71 | 31.9 | 25.9 | 38.9 |

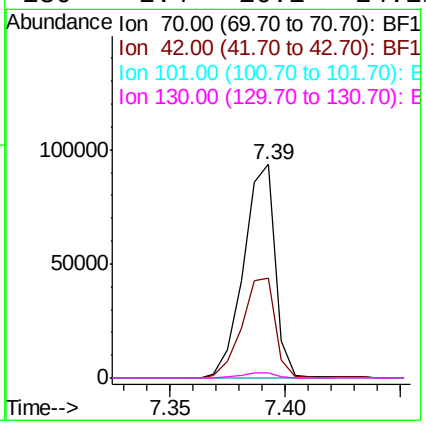


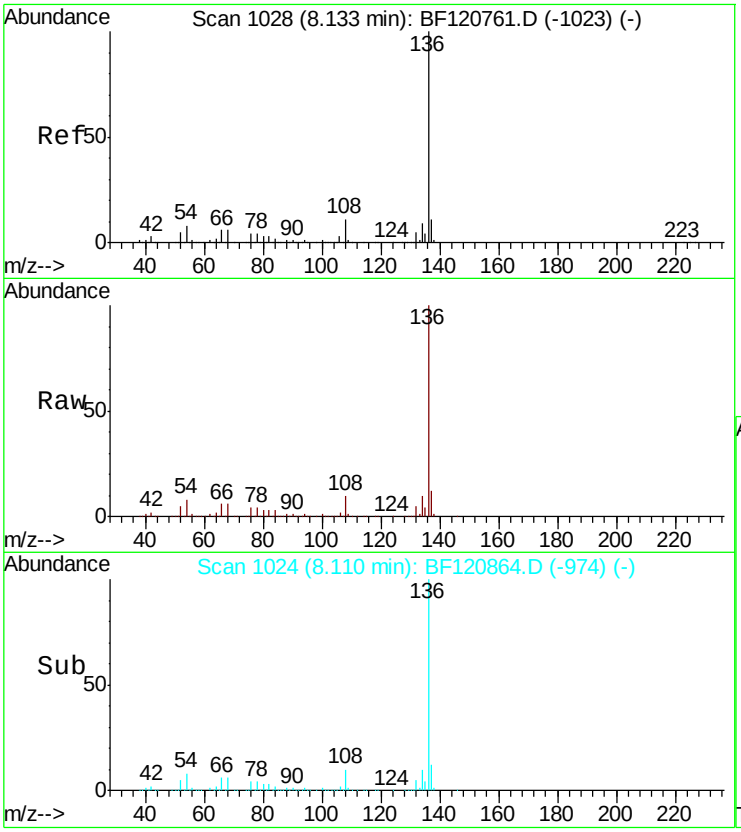




#19
n-Nitroso-di-n-propylamine
Concen: 8.774 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.14 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

Tgt Ion: 70 Resp: 89778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 46.7 | 50.3 | 75.5# |
| 101 | 0.0 | 7.5 | 11.3# |
| 130 | 2.4 | 16.1 | 24.1# |



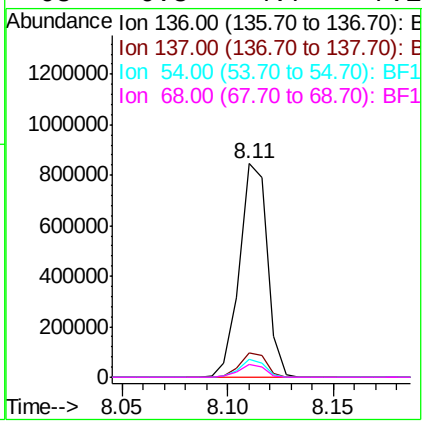


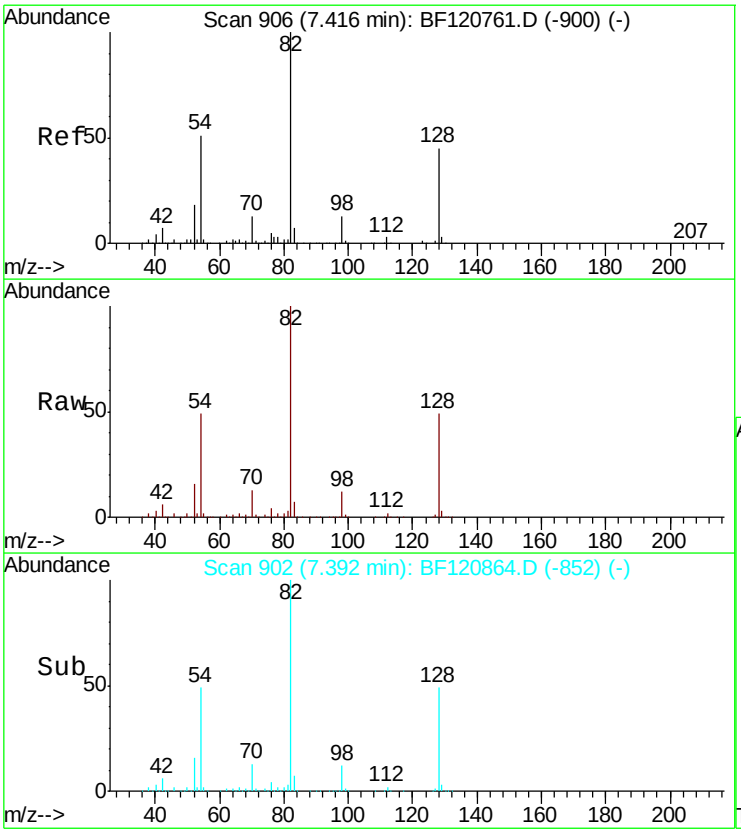

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

**Instrument :**
BNA_P
**ClientSampleId :**
CL-02-070920

Tgt Ion:136 Resp: 771973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.7 | 9.0 | 13.6 |
| 54 | 8.4 | 6.2 | 9.4 |
| 68 | 6.3 | 4.7 | 7.1 |

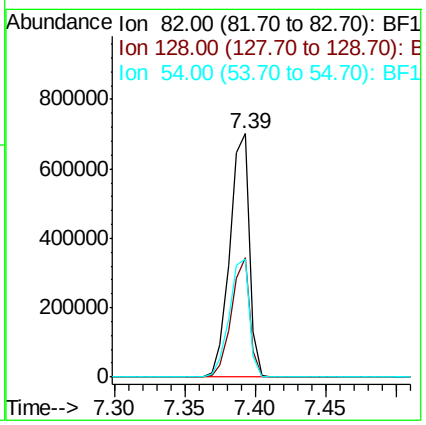


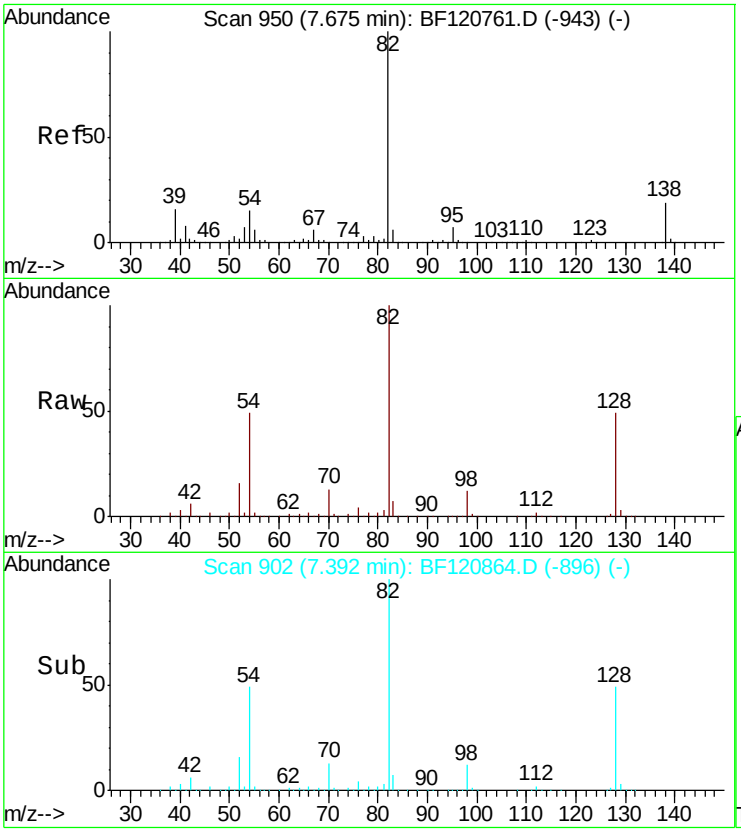




#23
Nitrobenzene-d5
Concen: 50.882 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

Tgt Ion: 82 Resp: 677960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.0 | 35.7 | 53.5 |
| 54 | 48.7 | 40.9 | 61.3 |



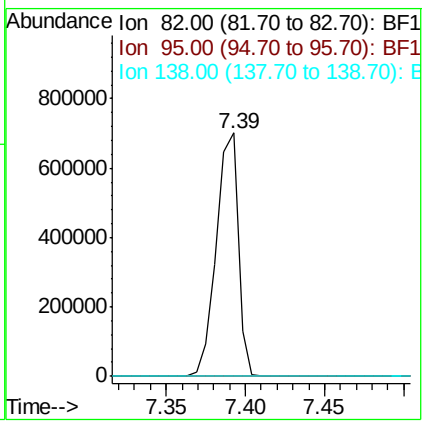


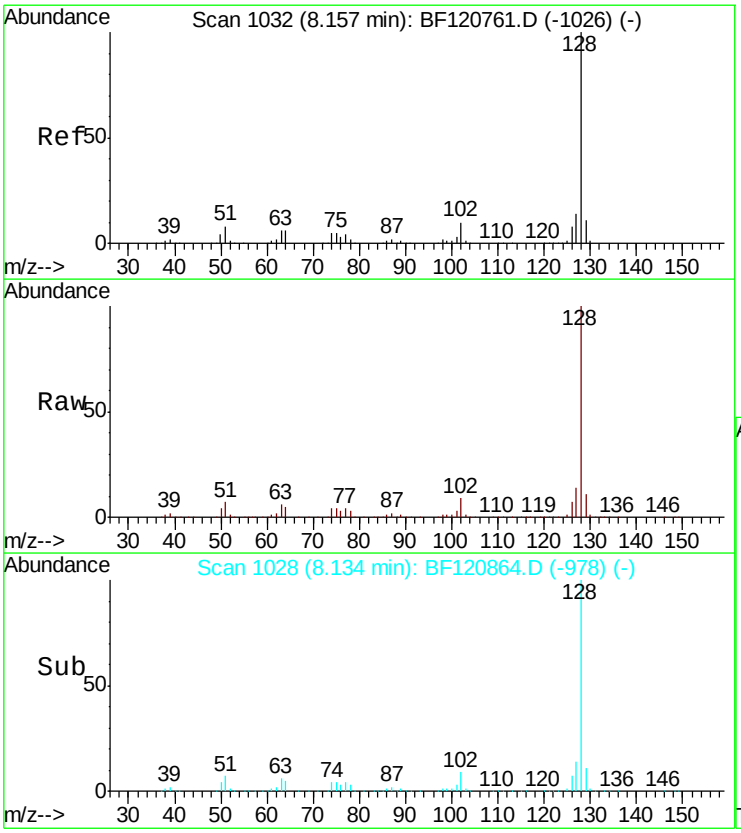

#25
Isophorone
Concen: 23.526 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.26 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

**Instrument :**
BNA_P
**ClientSampleId :**
CL-02-070920

Tgt Ion: 82 Resp: 676012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.4 | 8.2# |
| 138 | 0.0 | 15.0 | 22.4# |

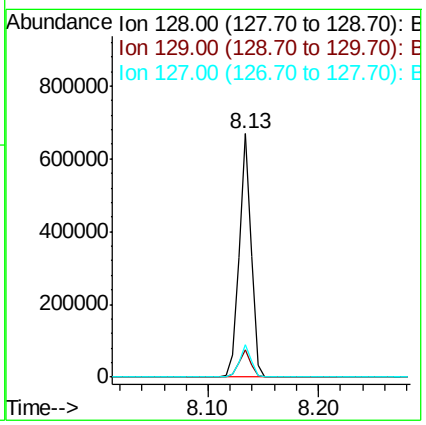


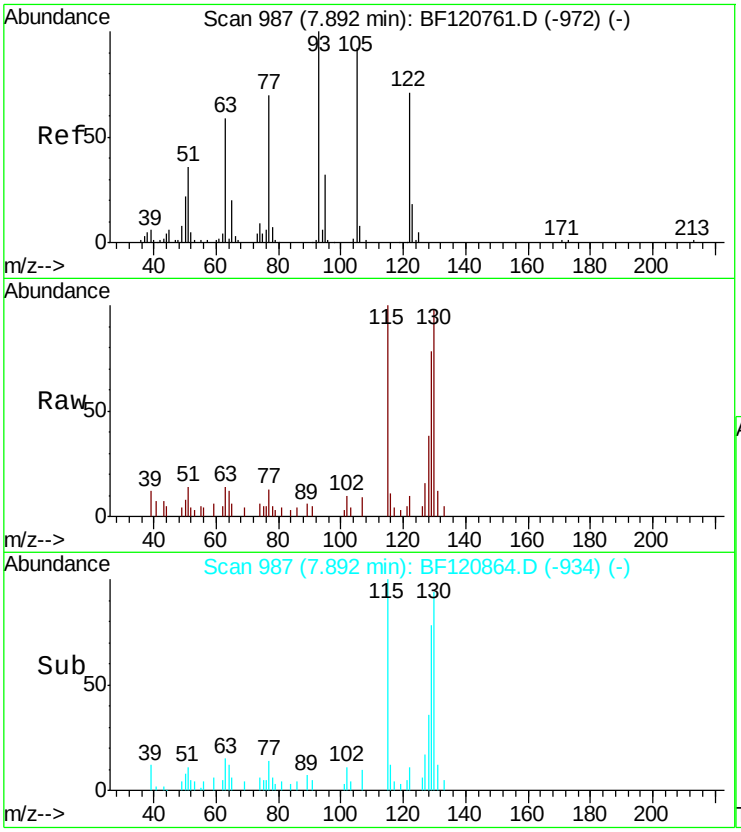




#31
Naphthalene
Concen: 12.303 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

Tgt Ion:128 Resp: 507579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.4 | 9.2 | 13.8 |
| 127 | 13.5 | 11.1 | 16.7 |



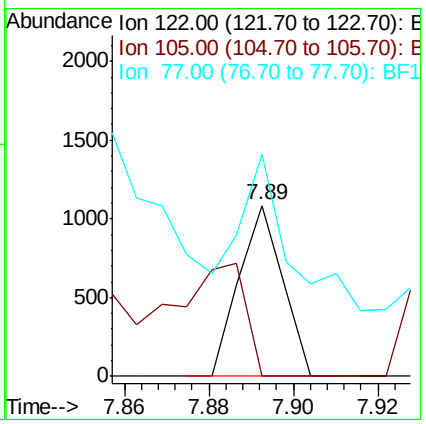


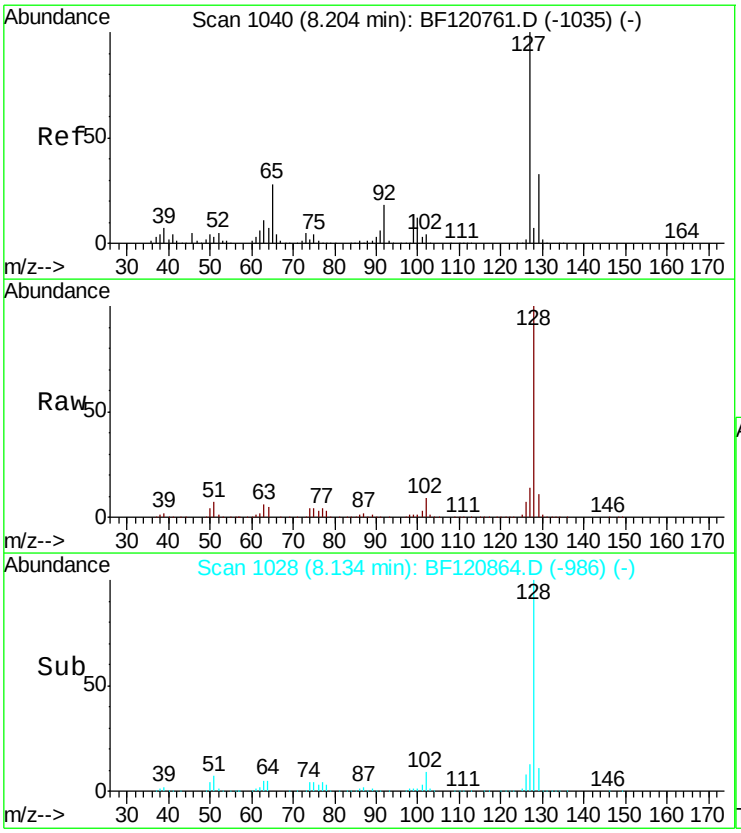

#32
Benzoic acid
Concen: 4.311 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

**Instrument :**
BNA_P
**ClientSampleId :**
CL-02-070920

Tgt Ion:122 Resp: 777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 0.0 | 105.8 | 145.8# |
| 77 | 130.0 | 77.3 | 117.3# |

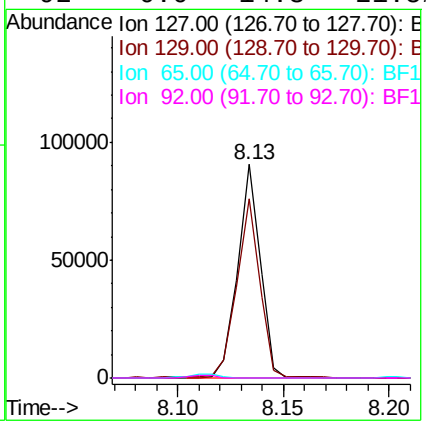


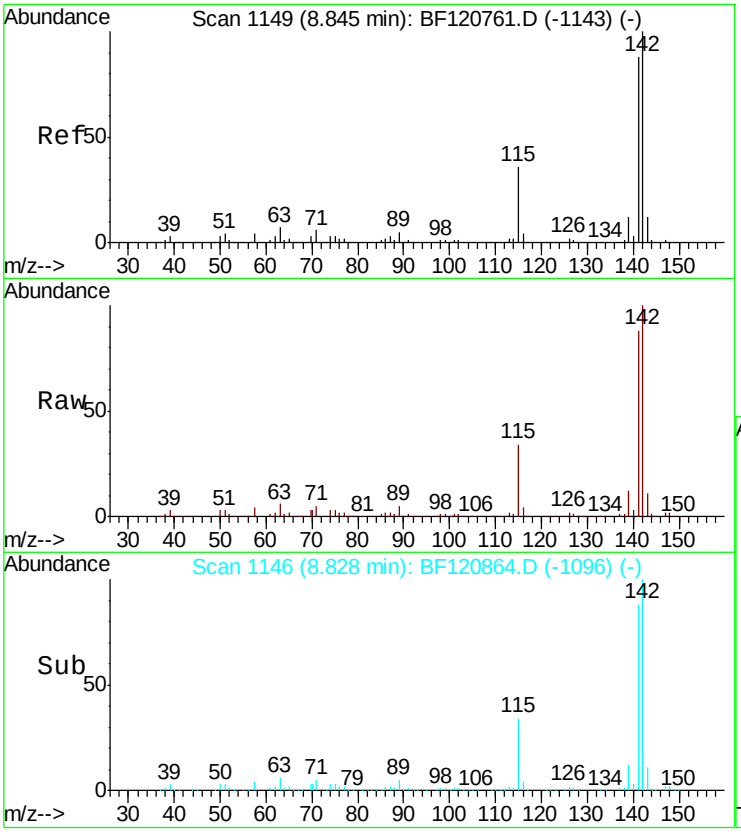




#33
4-Chloroaniline
Concen: 3.814 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.05 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

Tgt Ion:127 Resp: 66776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 83.9 | 26.6 | 39.8# |
| 65 | 0.0 | 22.7 | 34.1# |
| 92 | 0.0 | 14.3 | 21.5# |



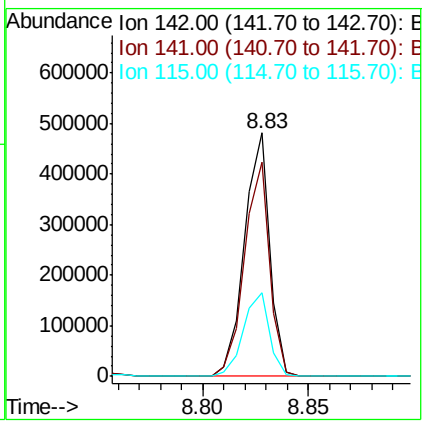


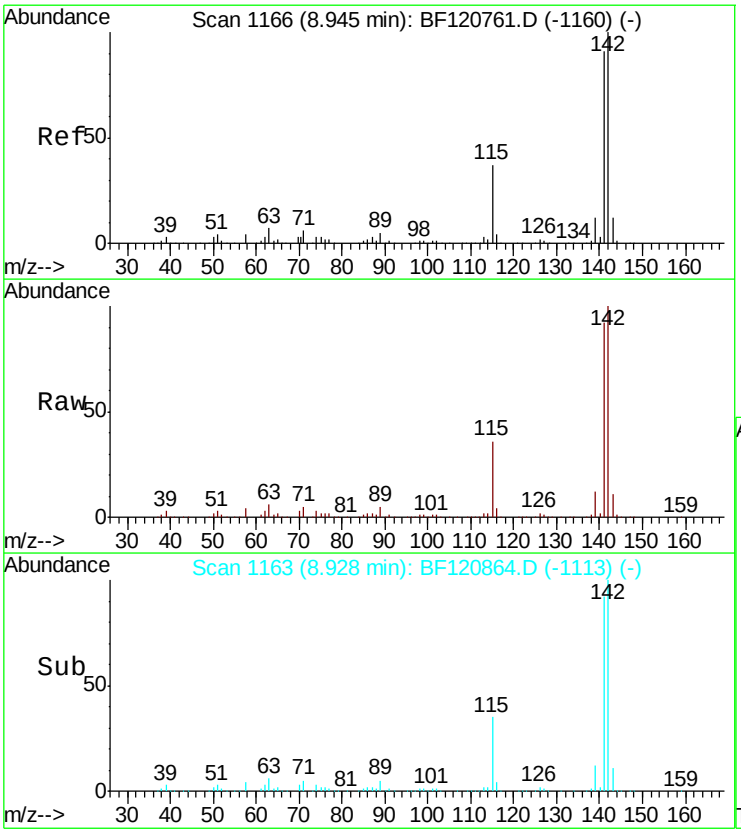

#37
2-Methylnaphthalene
Concen: 14.946 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

**Instrument :**
BNA_P
**ClientSampleId :**
CL-02-070920

Tgt Ion:142 Resp: 400838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.2 | 70.2 | 105.4 |
| 115 | 34.4 | 29.0 | 43.4 |

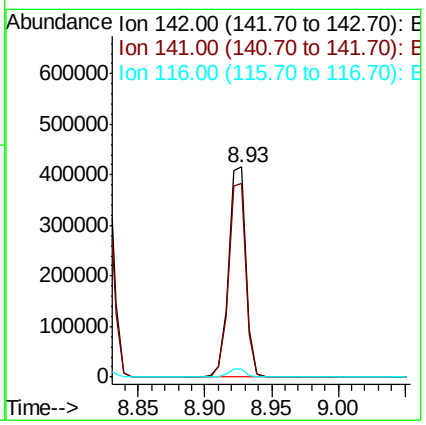


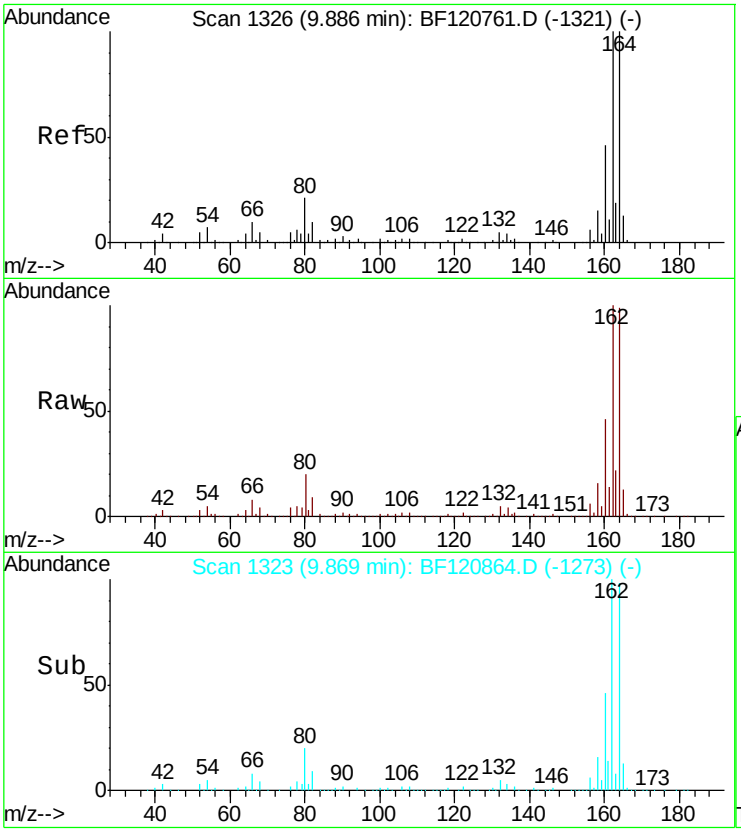




#38
1-Methylnaphthalene
Concen: 15.240 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

Tgt Ion:142 Resp: 382856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.0 | 72.5 | 108.7 |
| 116 | 3.7 | 3.1 | 4.7 |



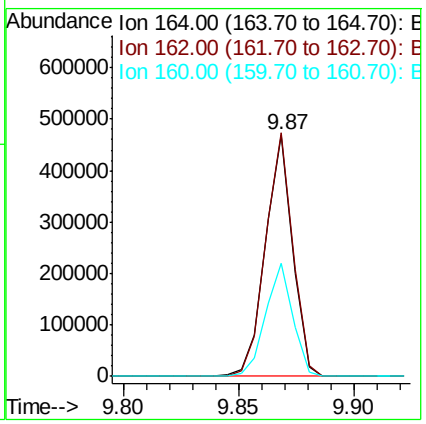


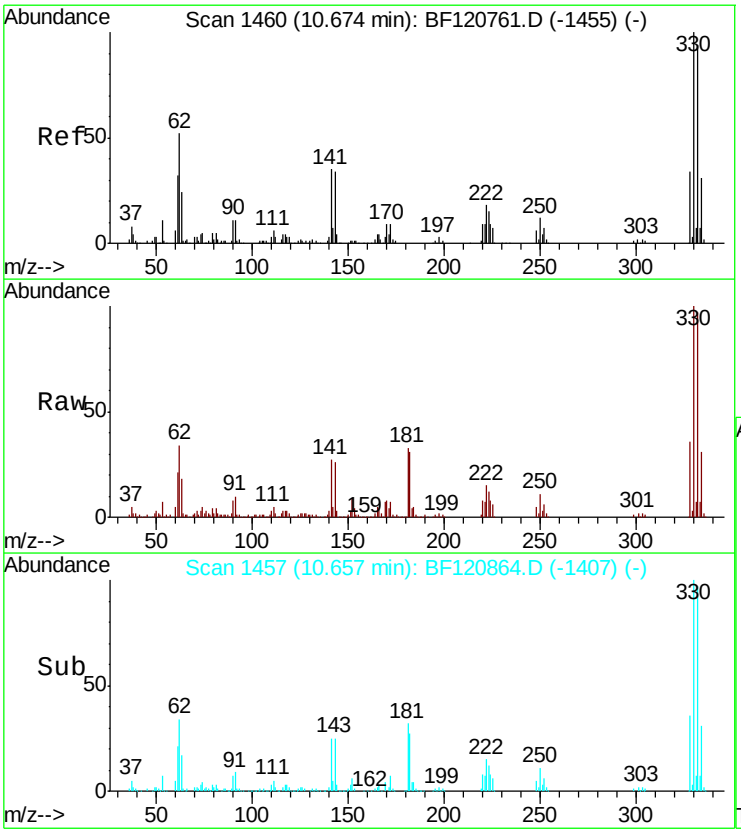

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

**Instrument :**
BNA_P
**ClientSampleId :**
CL-02-070920

Tgt Ion:164 Resp: 385732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.8 | 80.2 | 120.2 |
| 160 | 46.6 | 36.9 | 55.3 |

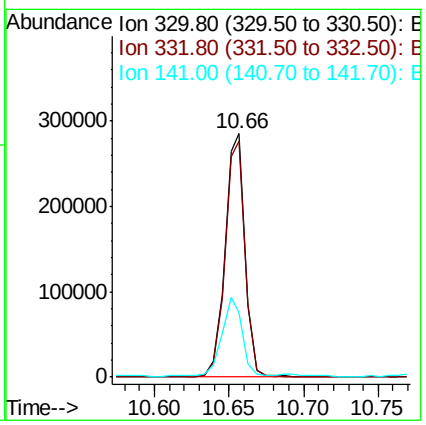


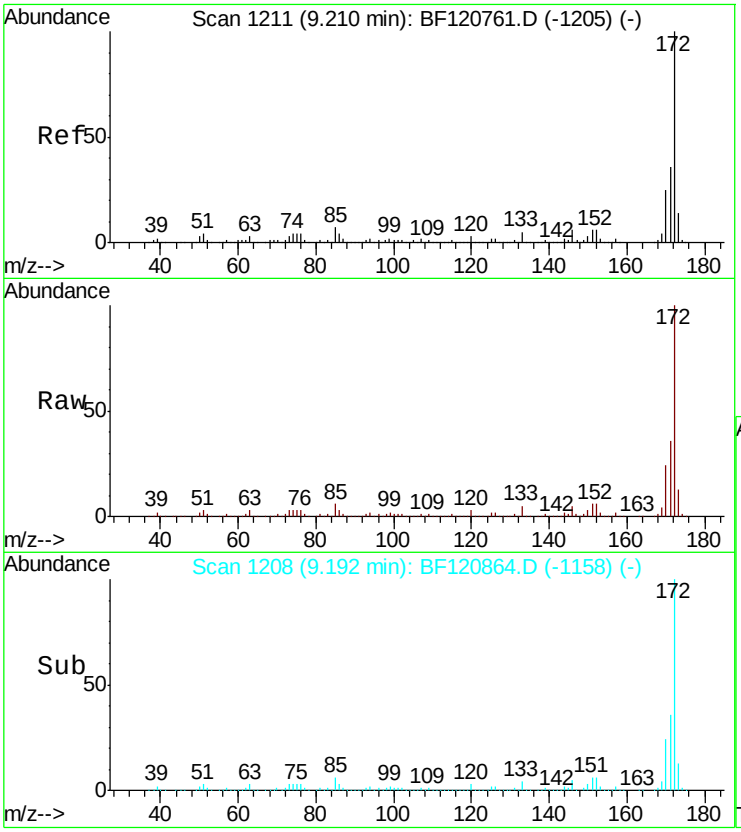




#42
2,4,6-Tribromophenol
Concen: 69.861 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

Tgt Ion:330 Resp: 270728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.3 | 75.8 | 113.6 |
| 141 | 32.9 | 29.7 | 44.5 |



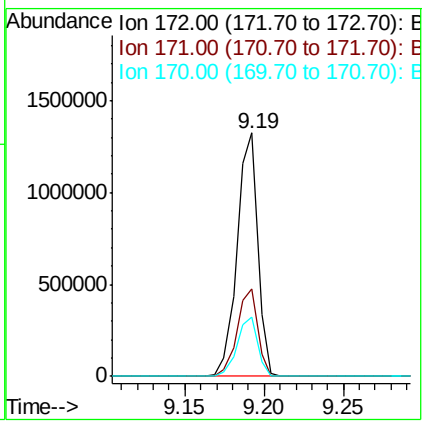


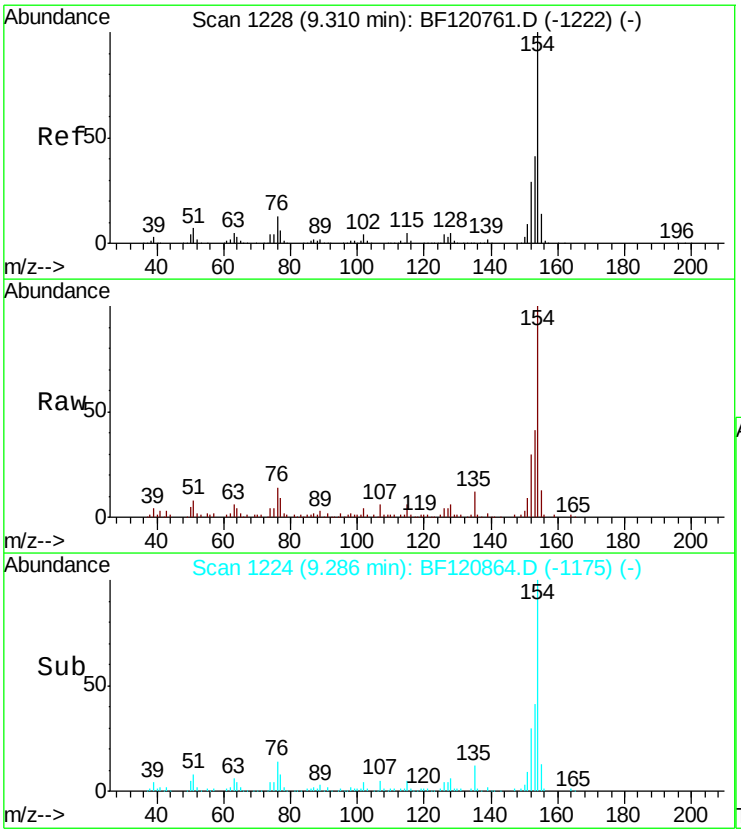

#45
2-Fluorobiphenyl
Concen: 46.870 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

**Instrument :**
BNA_P
**ClientSampleId :**
CL-02-070920

Tgt Ion:172 Resp: 1194964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.0 | 29.1 | 43.7 |
| 170 | 24.5 | 19.8 | 29.6 |

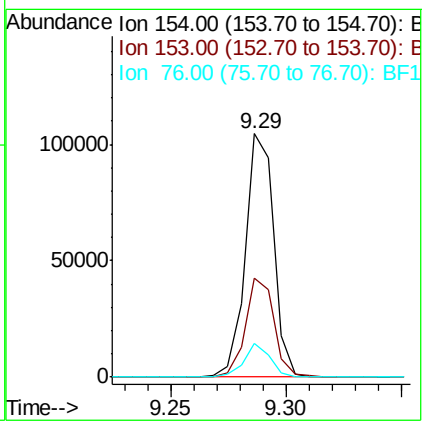


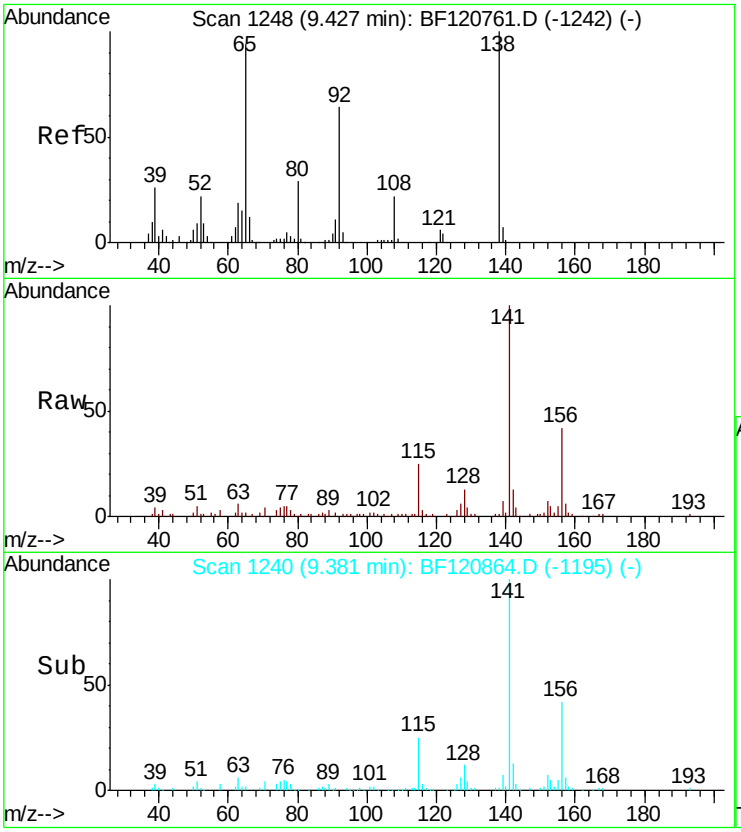




#46
1,1'-Biphenyl
Concen: 2.895 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

Tgt Ion:154 Resp: 90079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.5 | 20.7 | 60.7 |
| 76 | 14.0 | 0.0 | 33.3 |



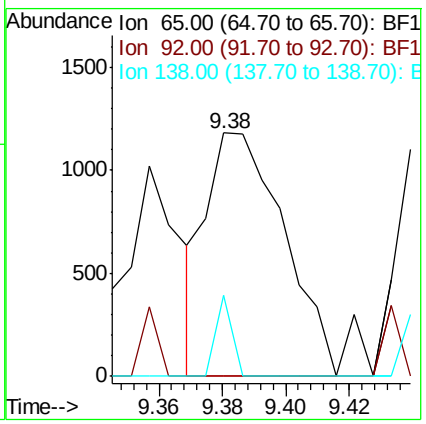


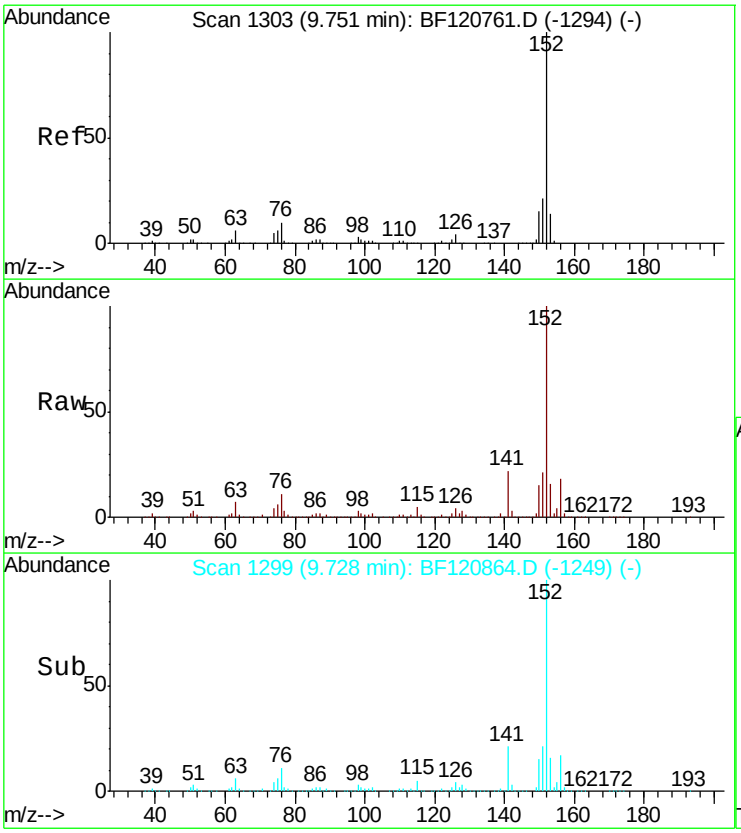

#48
2-Nitroaniline
Concen: 2.874 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.04 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

**Instrument :**
BNA_P
**ClientSampleId :**
CL-02-070920

Tgt Ion: 65 Resp: 2005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 0.0 | 54.4 | 81.6# |
| 138 | 33.1 | 84.7 | 127.1# |

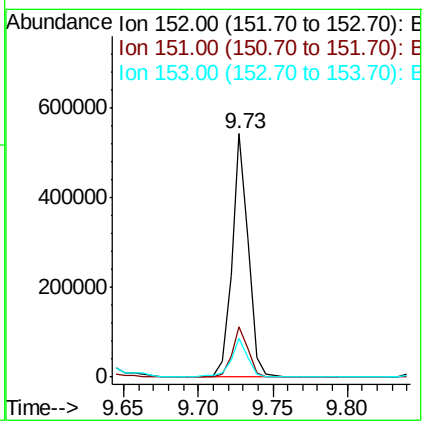


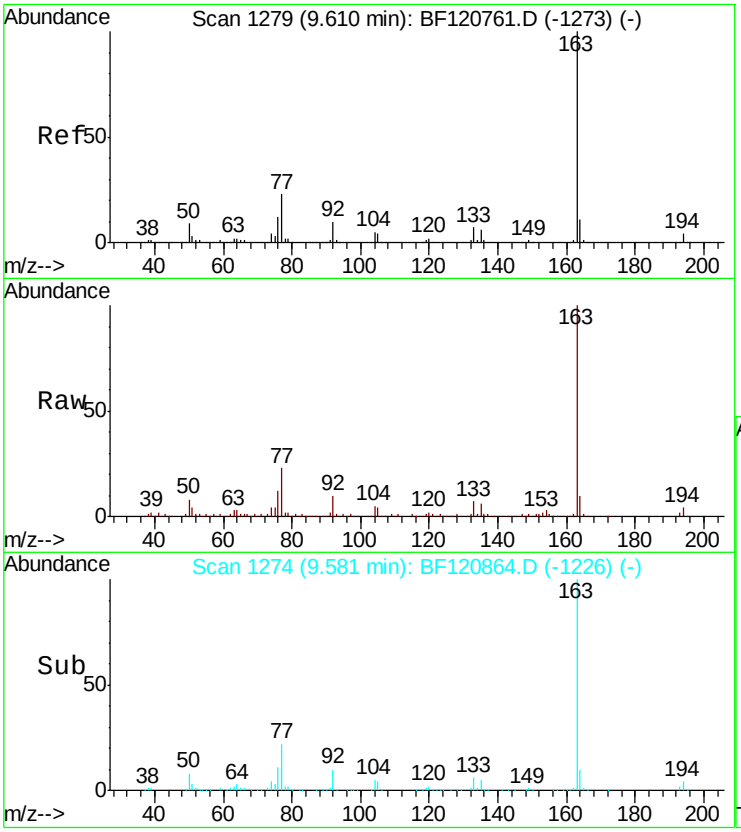




#49
Acenaphthylene
Concen: 10.699 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

Tgt Ion:152 Resp: 418106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.5 | 16.9 | 25.3 |
| 153 | 15.8 | 10.8 | 16.2 |



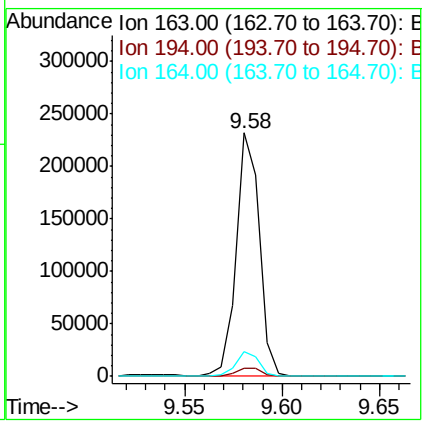


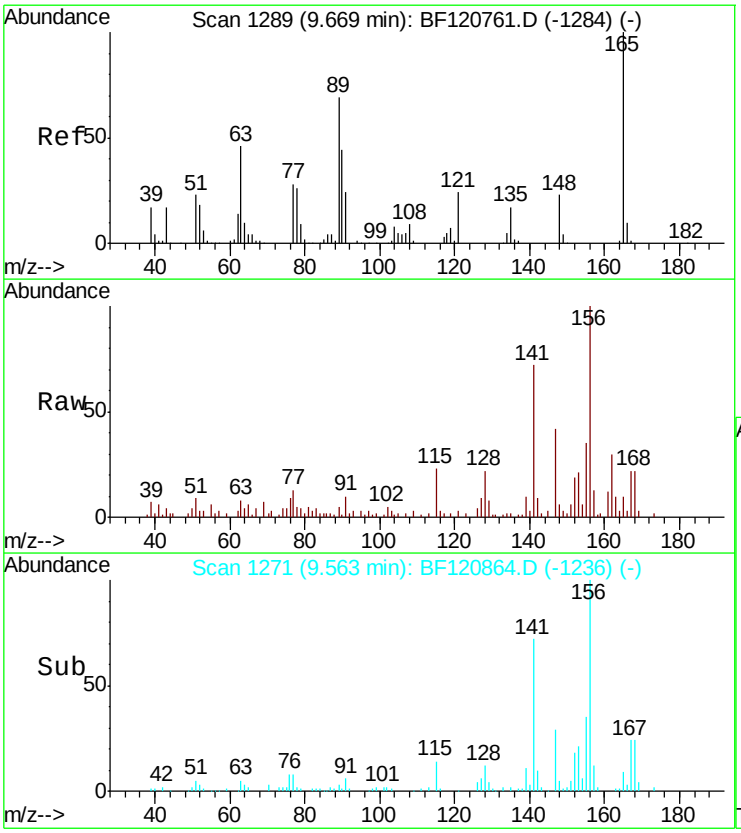

#50
Dimethylphthalate
Concen: 6.732 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

**Instrument :**
BNA_P
**ClientSampleId :**
CL-02-070920

Tgt Ion:163 Resp: 189419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.6 | 2.9 | 4.3 |
| 164 | 10.3 | 8.5 | 12.7 |

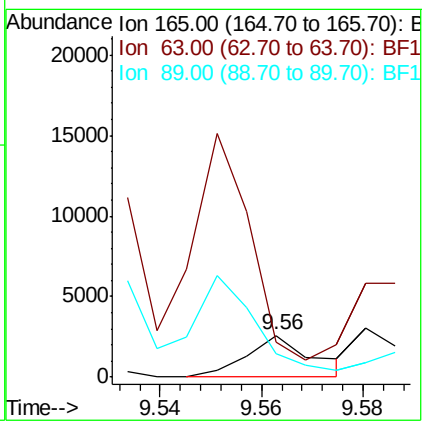


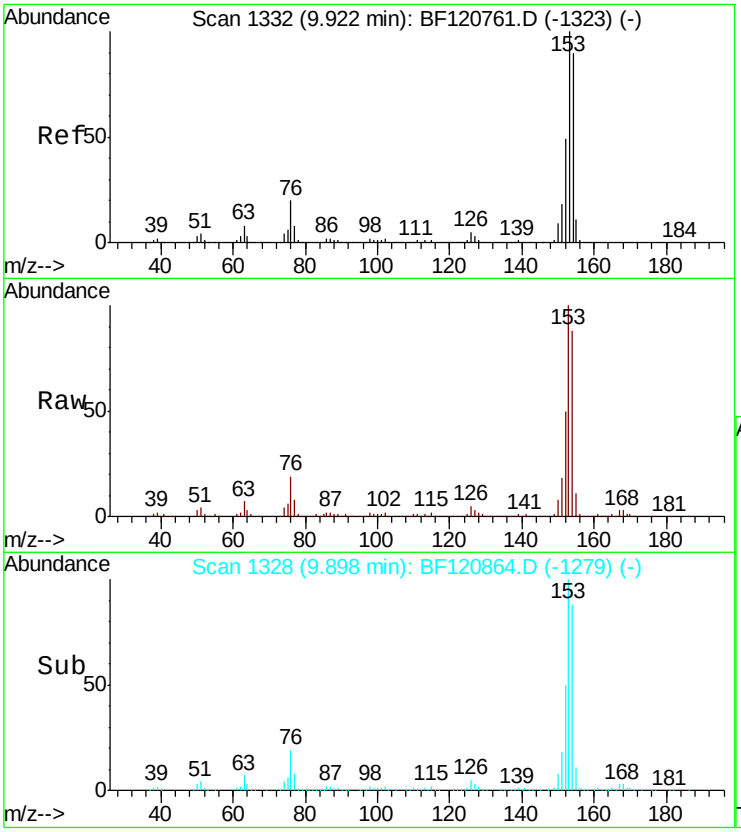




#51
2,6-Dinitrotoluene
Concen: 2.676 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.09 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

Tgt Ion:165 Resp: 2341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 84.8 | 54.0 | 81.0# |
| 89 | 56.4 | 55.4 | 83.2 |



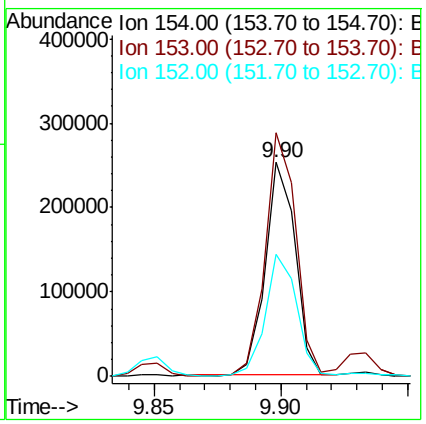


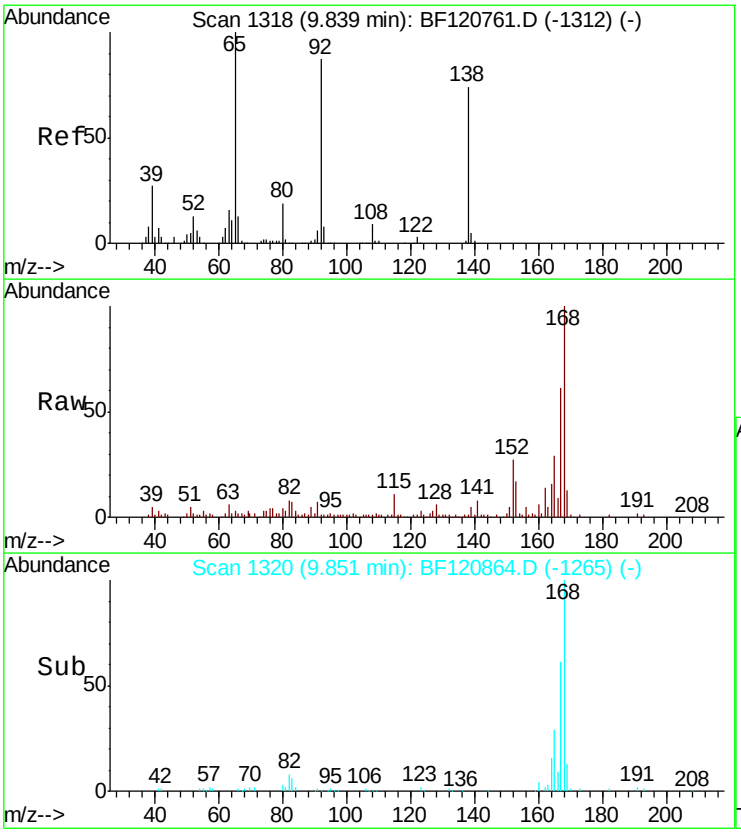

#52
Acenaphthene
Concen: 8.509 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

**Instrument :**
BNA_P
**ClientSampleId :**
CL-02-070920

Tgt Ion:154 Resp: 206298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.0 | 88.6 | 132.8 |
| 152 | 57.0 | 43.6 | 65.4 |

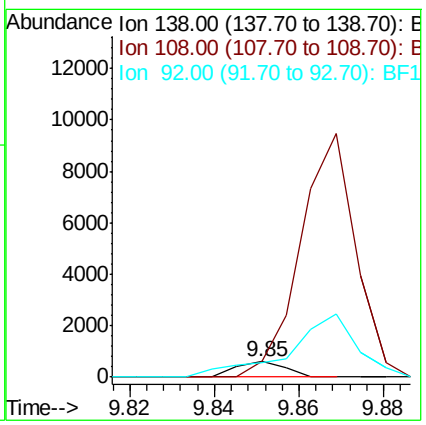


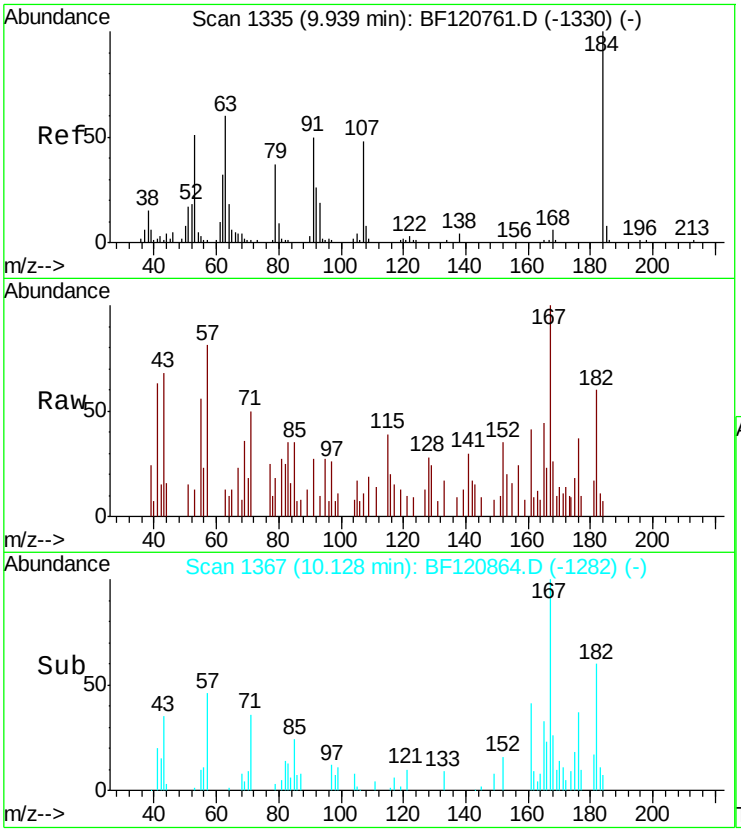




#53
3-Nitroaniline
Concen: 2.231 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.02 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

Tgt Ion:138 Resp: 484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 98.5 | 9.8 | 14.6# |
| 92 | 94.5 | 93.4 | 140.2 |



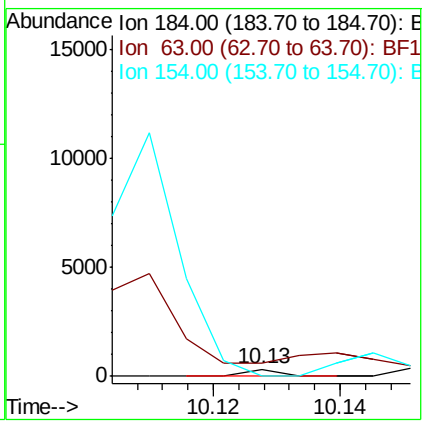


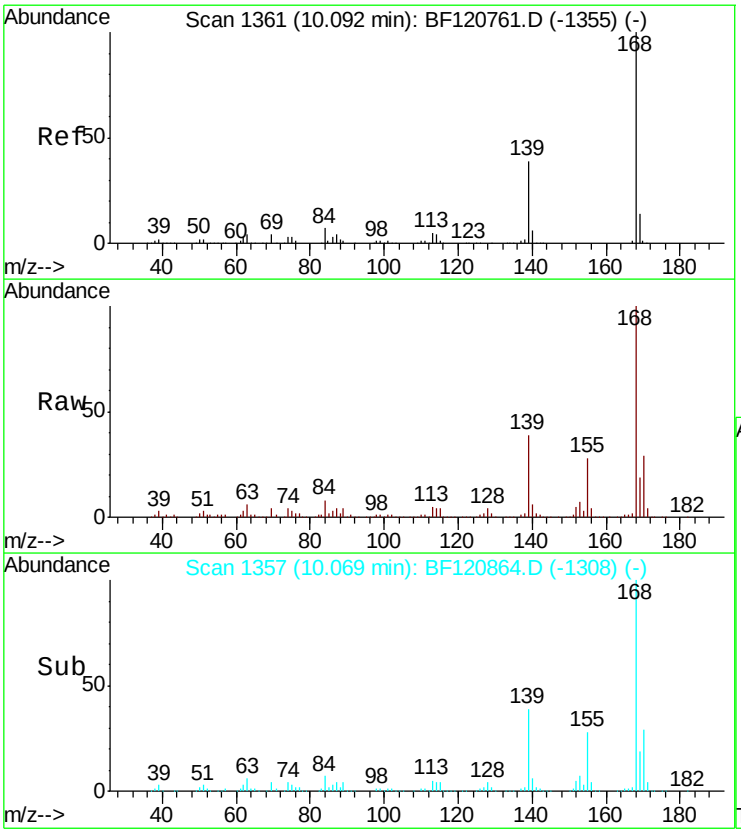

#54
2,4-Dinitrophenol
Concen: 9.576 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.20 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

**Instrument :**
BNA_P
**ClientSampleId :**
CL-02-070920

Tgt Ion:184 Resp: 113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 182.1 | 57.3 | 85.9# |
| 154 | 0.0 | 55.8 | 83.6# |

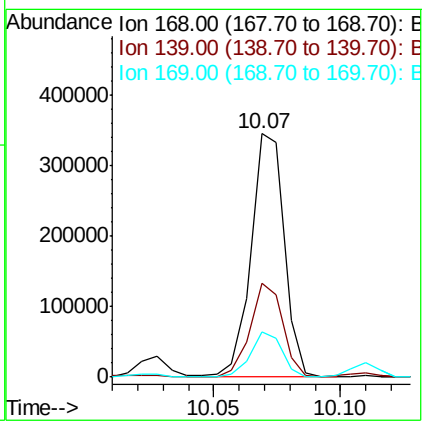


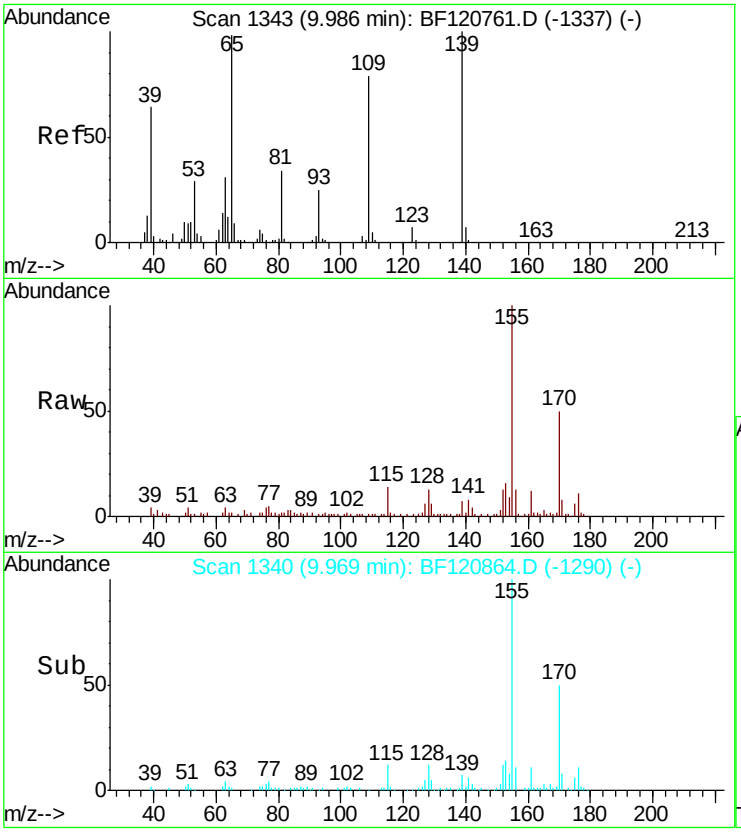




#55
Dibenzofuran
Concen: 9.067 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

Tgt Ion:168 Resp: 316849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 38.6 | 31.3 | 46.9 |
| 169 | 18.6 | 11.2 | 16.8# |



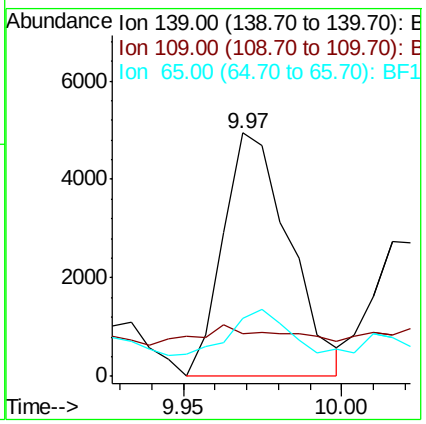


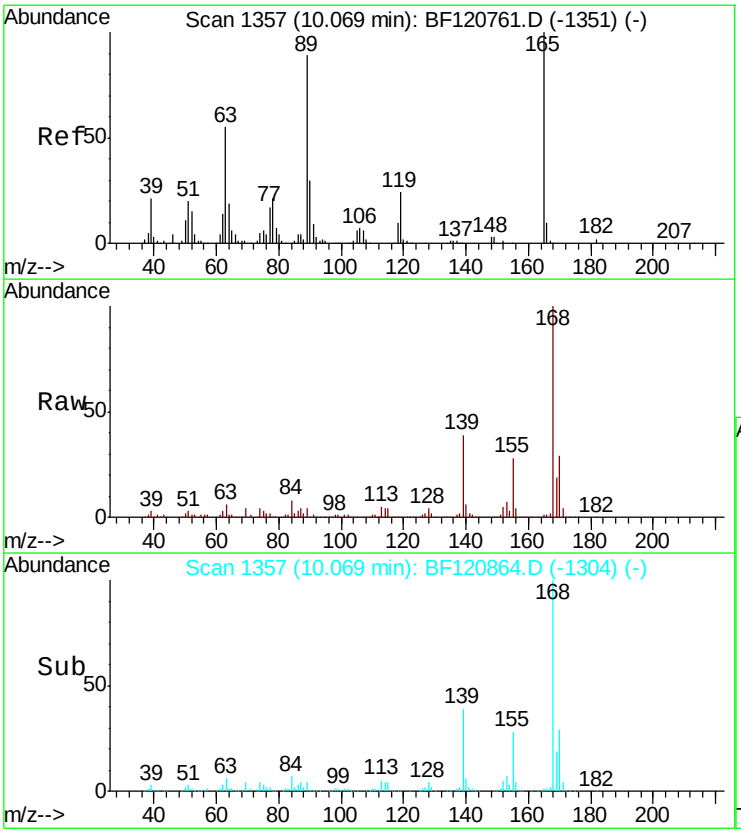

#56
4-Nitrophenol
Concen: 3.448 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

**Instrument :**
BNA_P
**ClientSampleId :**
CL-02-070920

Tgt Ion:139 Resp: 7188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 17.8 | 58.6 | 98.6# |
| 65 | 24.0 | 78.7 | 118.7# |

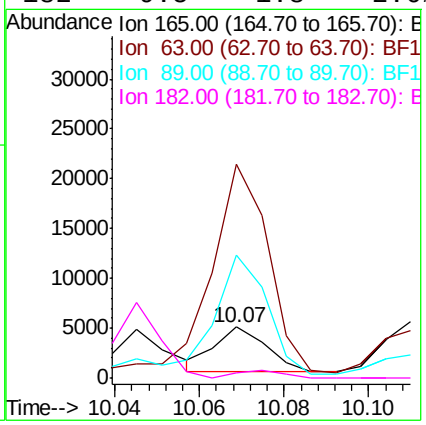


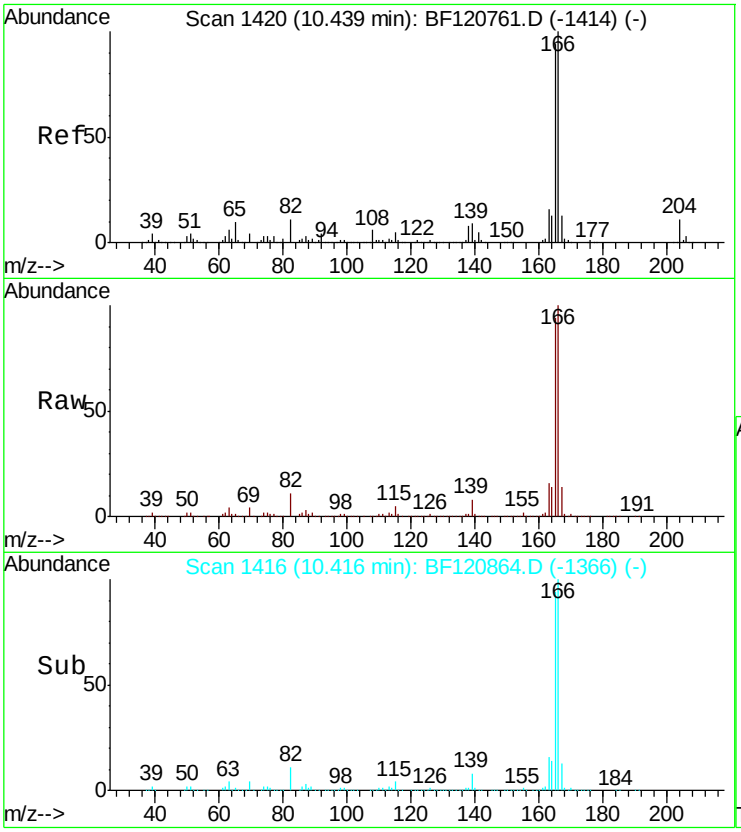




#57
2,4-Dinitrotoluene
Concen: 3.592 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

Tgt Ion:165 Resp: 3848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 417.6 | 43.8 | 65.8# |
| 89 | 239.1 | 71.4 | 107.2# |
| 182 | 9.5 | 1.8 | 2.6# |



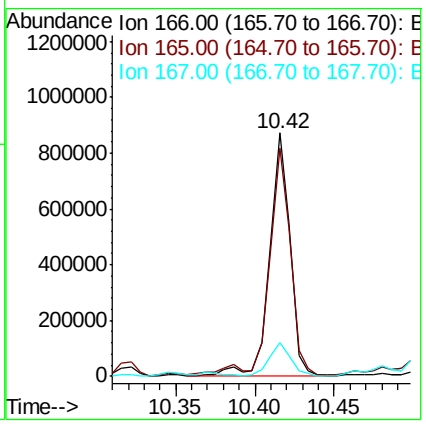


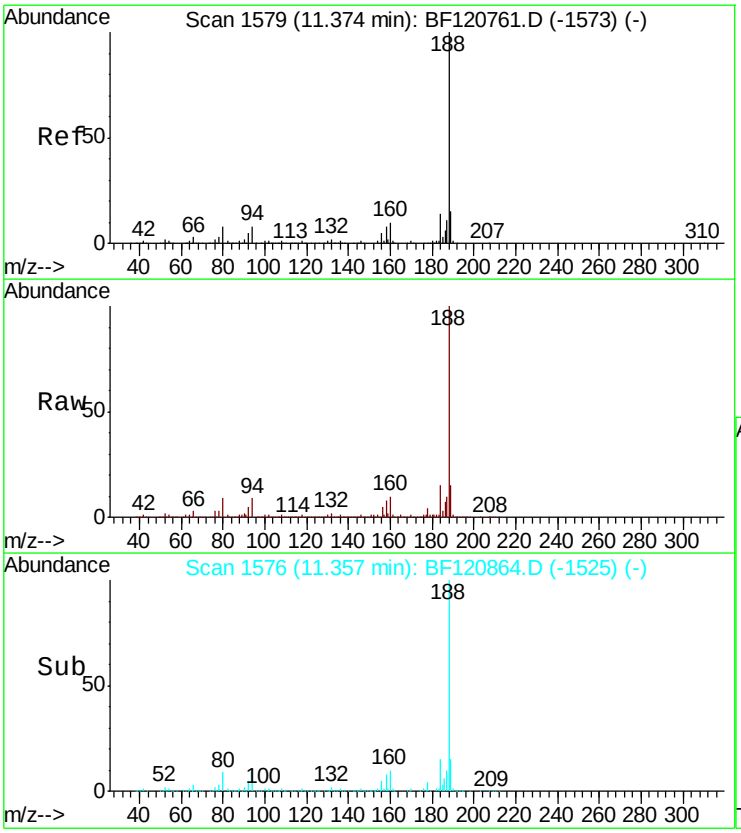

#58
Fluorene
Concen: 30.181 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

**Instrument :**
BNA_P
**ClientSampleId :**
CL-02-070920

Tgt Ion:166 Resp: 785076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 94.0 | 75.5 | 113.3 |
| 167 | 14.0 | 10.6 | 16.0 |

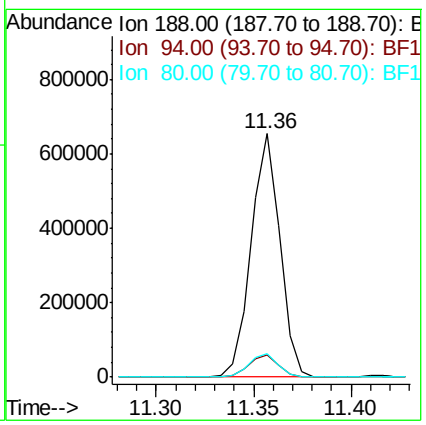


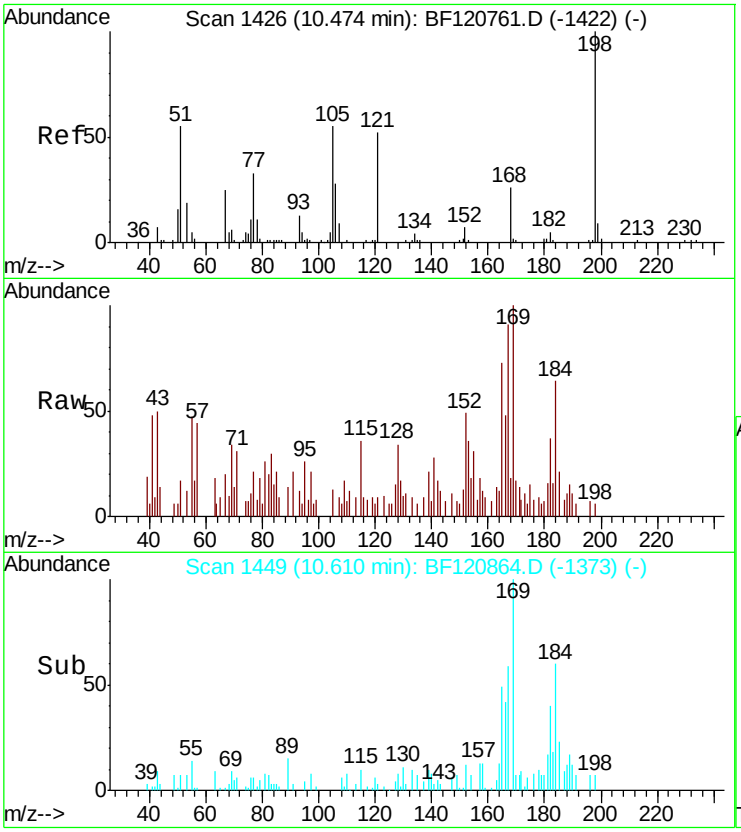




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

Tgt Ion:188 Resp: 667980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.3 | 6.6 | 9.8 |
| 80 | 9.5 | 6.6 | 10.0 |



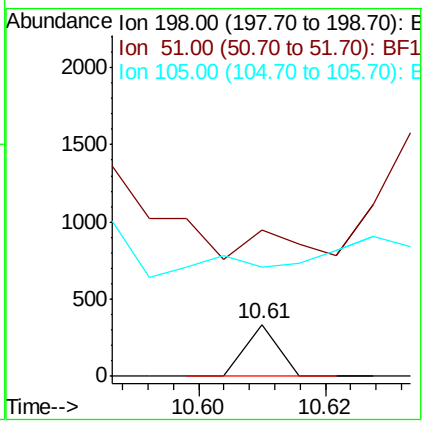


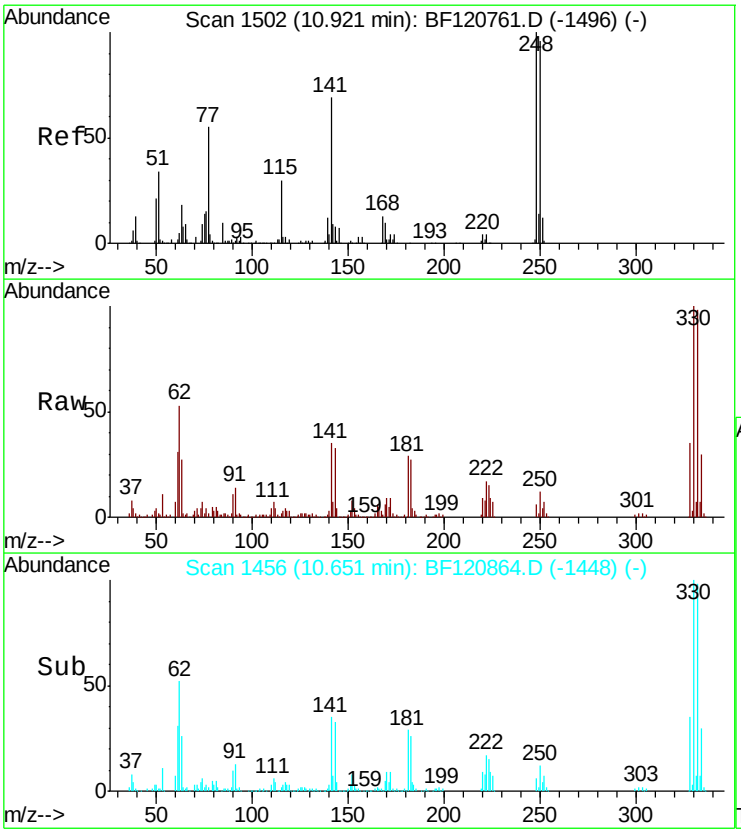

#65
4,6-Dinitro-2-methylphenol
Concen: 7.044 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.15 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

**Instrument :**
BNA_P
**ClientSampleId :**
CL-02-070920

Tgt Ion:198 Resp: 119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 282.2 | 50.0 | 90.0# |
| 105 | 209.5 | 38.3 | 78.3# |

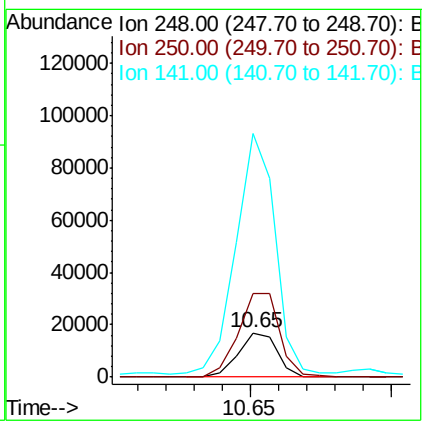


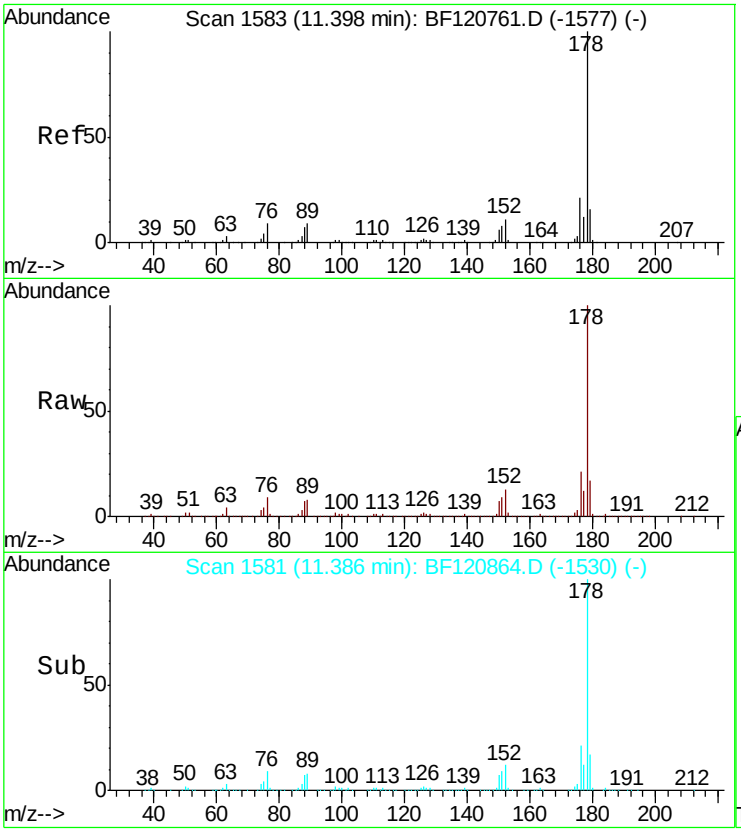




#67
4-Bromophenyl-phenylether
Concen: 2.102 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.25 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

Tgt Ion:248 Resp: 16284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 189.0 | 76.5 | 114.7# |
| 141 | 549.0 | 54.9 | 82.3# |



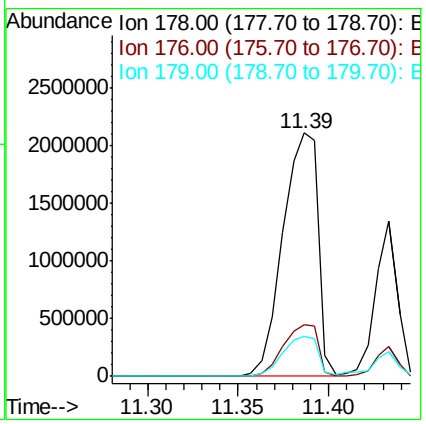


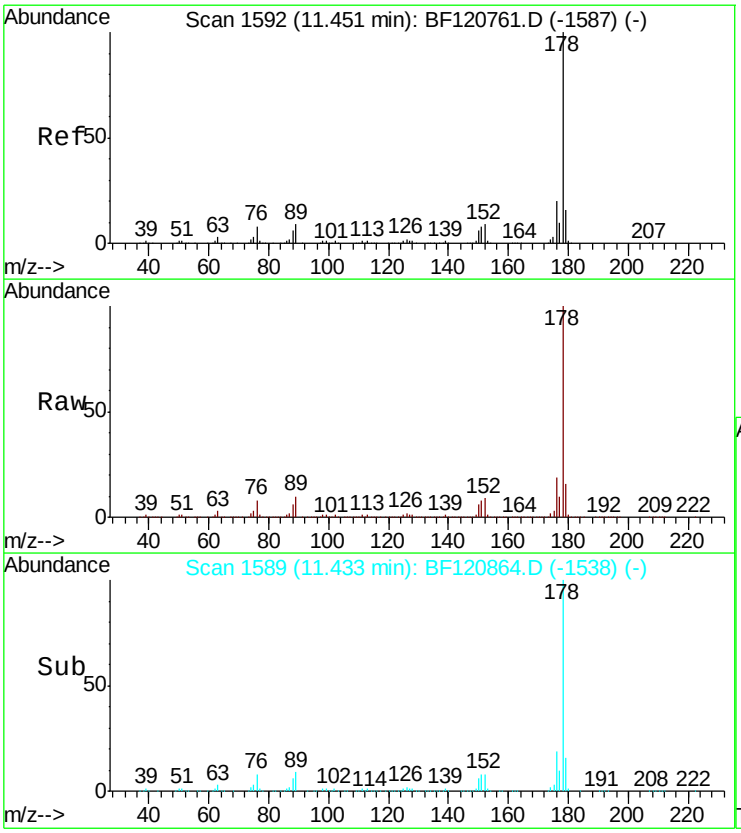

#71
Phenanthrene
Concen: 79.240 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

**Instrument :**
BNA_P
**ClientSampleId :**
CL-02-070920

Tgt Ion:178 Resp: 2871954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 21.1 | 16.4 | 24.6 |
| 179 | 16.6 | 12.9 | 19.3 |

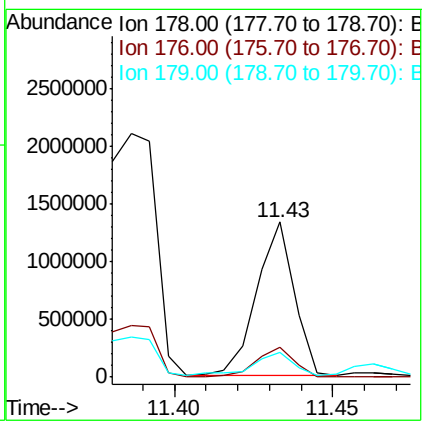


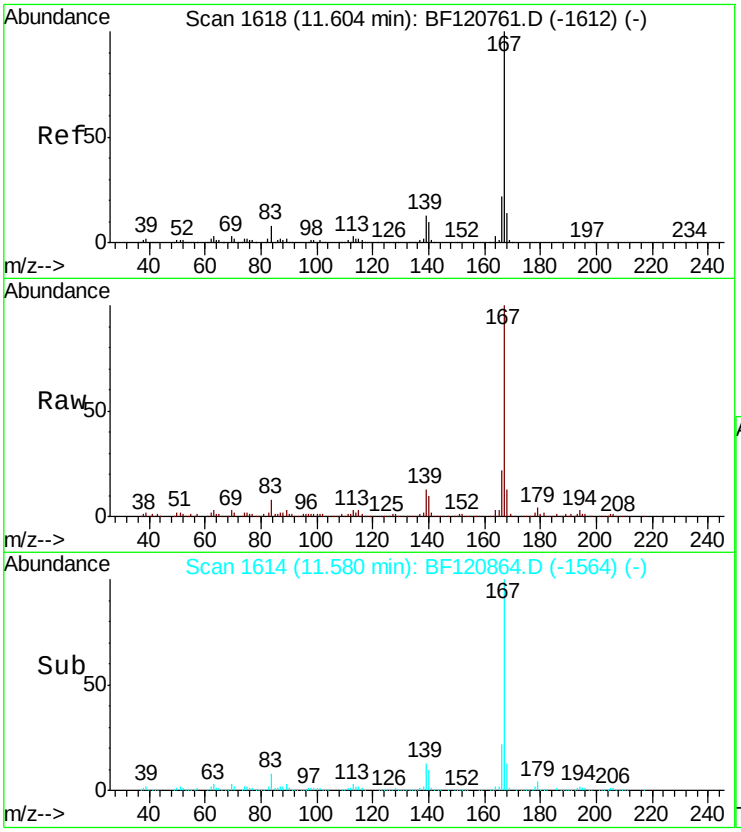




#72
Anthracene
Concen: 30.036 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

Tgt Ion:178 Resp: 1100056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 16.2 | 24.2 |
| 179 | 15.9 | 12.7 | 19.1 |



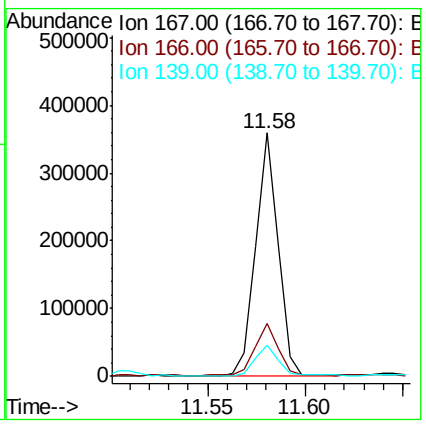


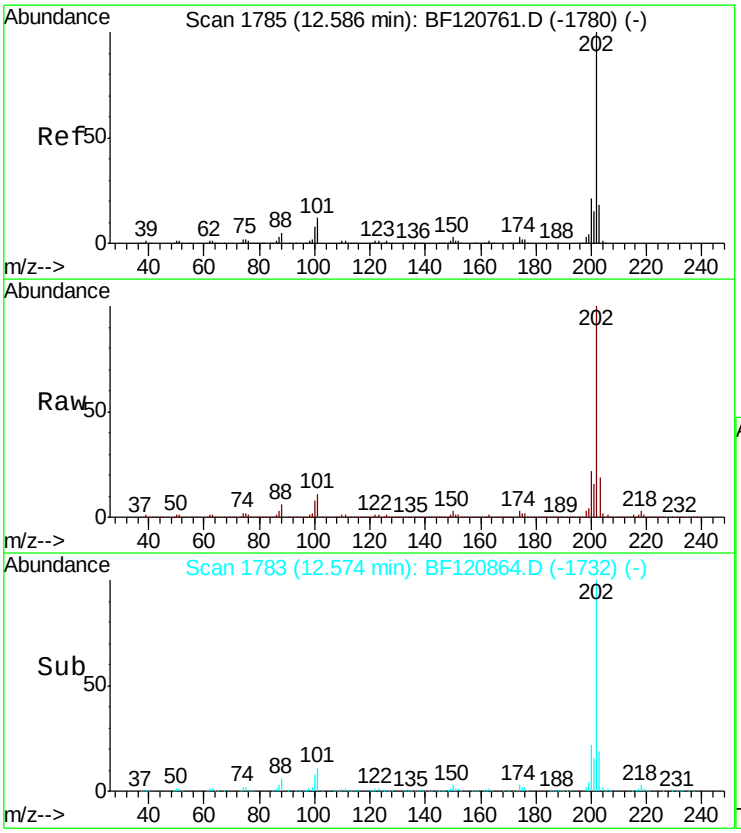

#73
Carbazole
Concen: 8.100 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

**Instrument :**
BNA_P
**ClientSampleId :**
CL-02-070920

Tgt Ion:167 Resp: 285082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.0 | 17.8 | 26.8 |
| 139 | 13.0 | 10.7 | 16.1 |

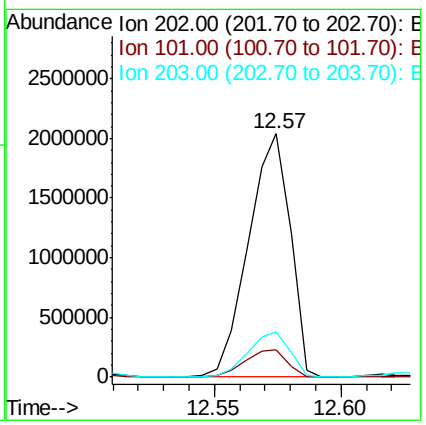


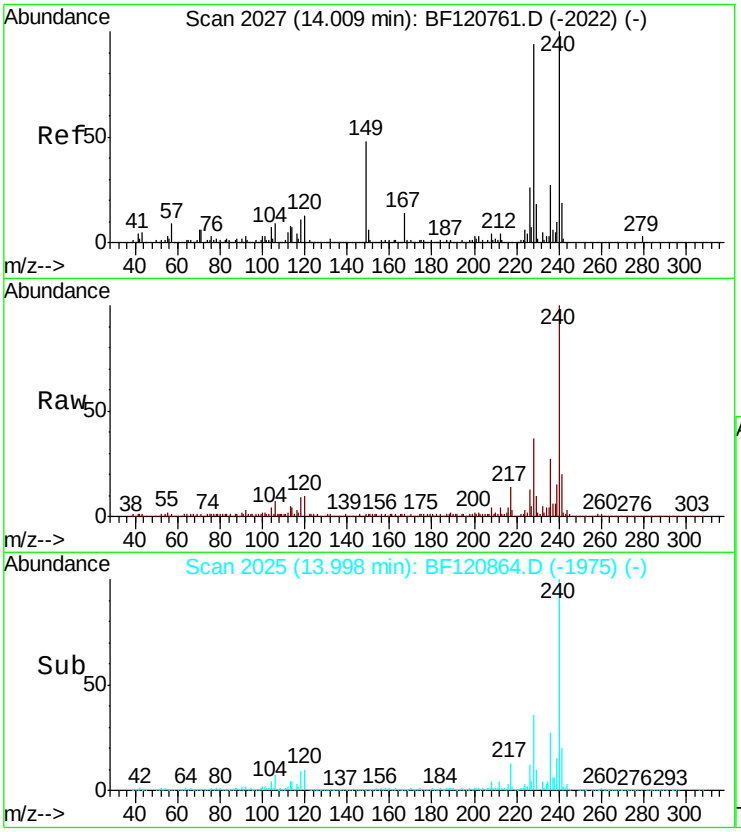




#75
Fluoranthene
Concen: 59.920 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

Tgt Ion:202 Resp: 2313474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.5 | 0.0 | 31.6 |
| 203 | 18.7 | 0.0 | 38.2 |



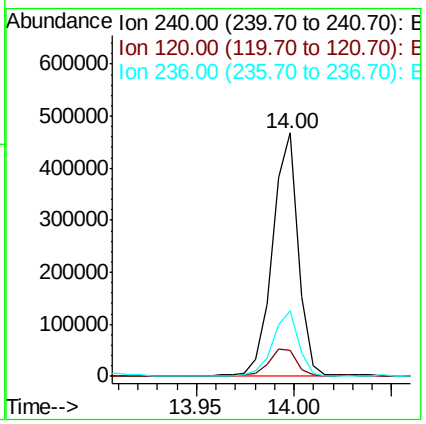


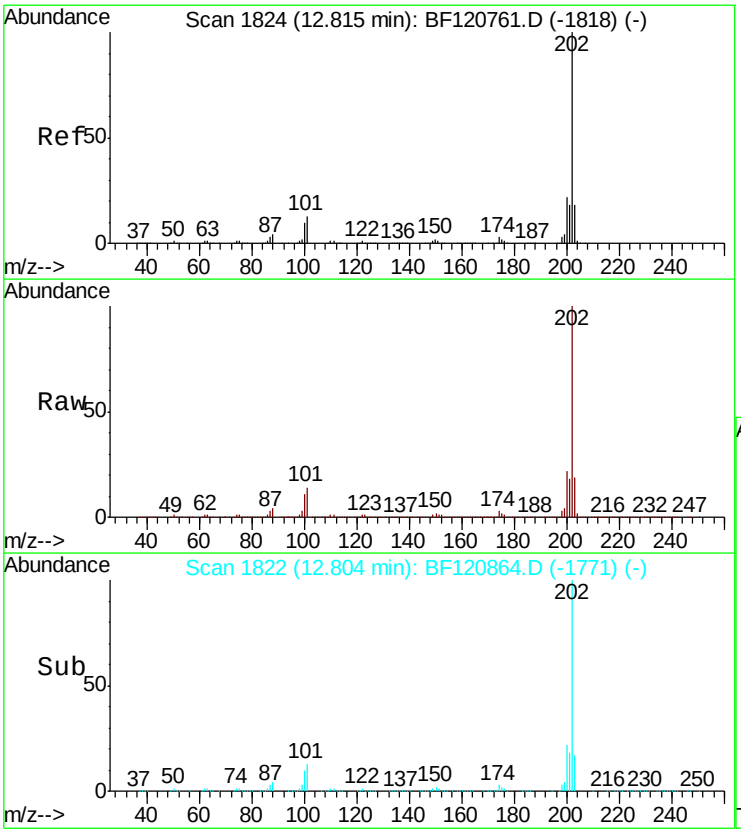

#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

**Instrument :**
BNA_P
**ClientSampleId :**
CL-02-070920

Tgt Ion:240 Resp: 424433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.5 | 10.3 | 15.5 |
| 236 | 26.8 | 21.4 | 32.2 |

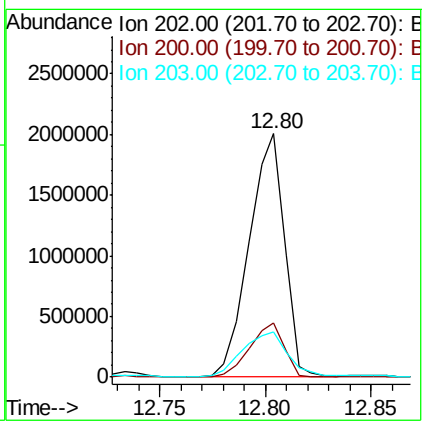


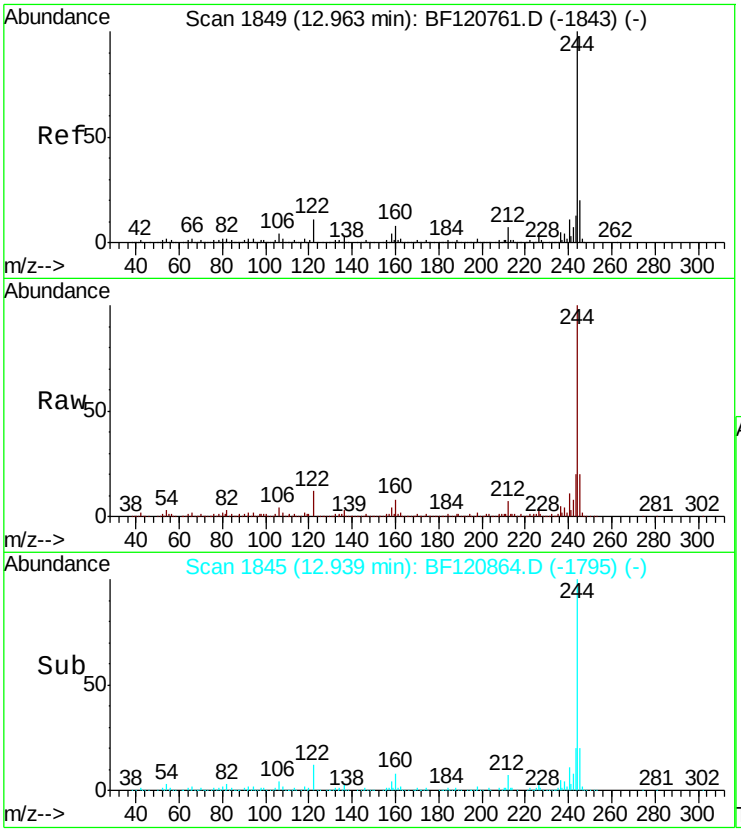




#78
Pyrene
Concen: 68.537 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

Tgt Ion:202 Resp: 2323239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.2 | 17.3 | 25.9 |
| 203 | 18.6 | 14.6 | 22.0 |



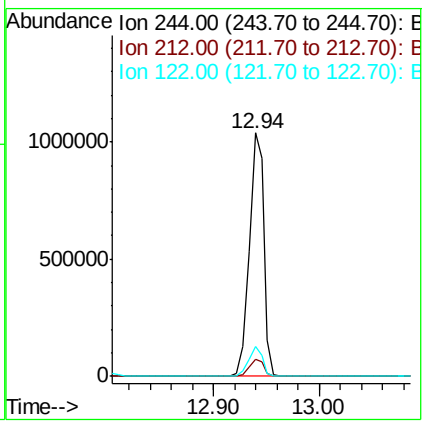


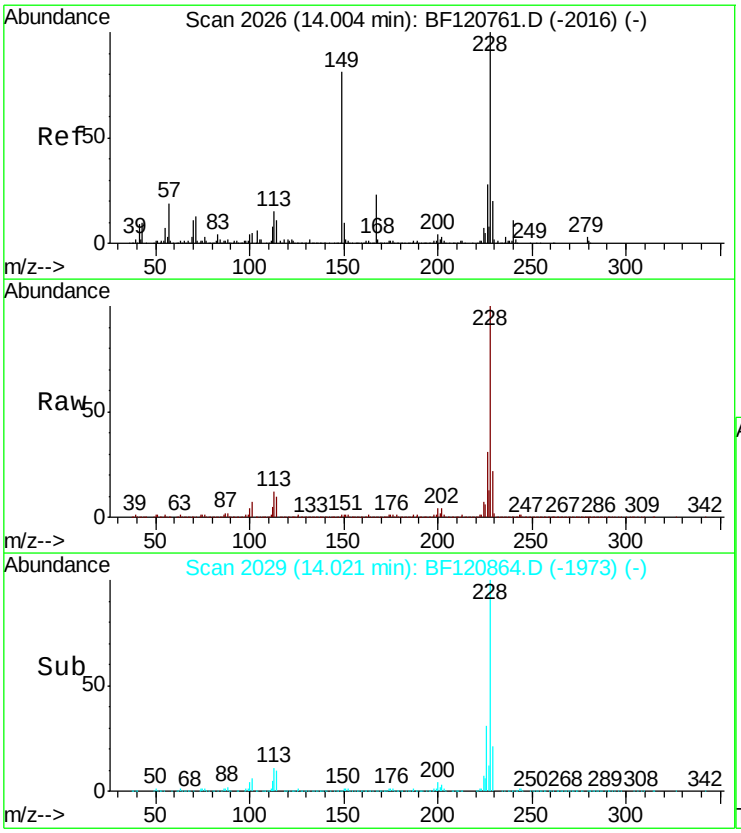

#79
Terphenyl-d14
Concen: 45.930 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

**Instrument :**
BNA_P
**ClientSampleId :**
CL-02-070920

Tgt Ion:244 Resp: 995677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.1 | 5.6 | 8.4 |
| 122 | 12.1 | 9.0 | 13.4 |

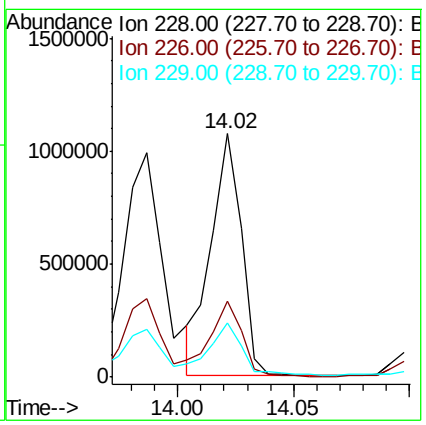


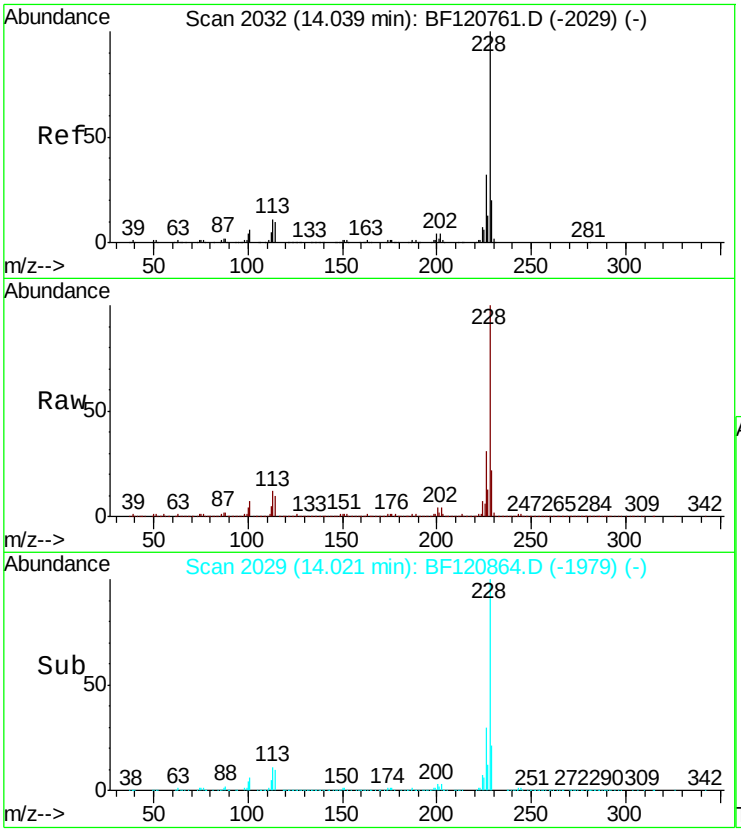




#81
Benzo(a)anthracene
Concen: 36.002 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.03 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

Tgt Ion:228 Resp: 979499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.2 | 22.6 | 33.8 |
| 229 | 22.5 | 15.8 | 23.6 |



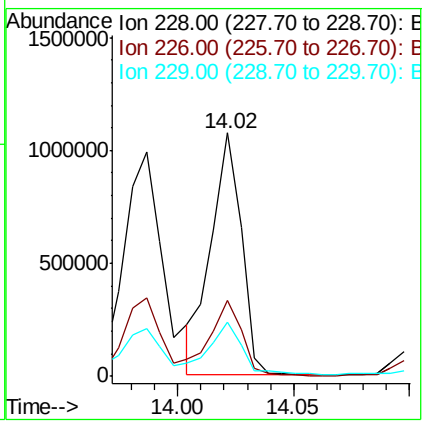


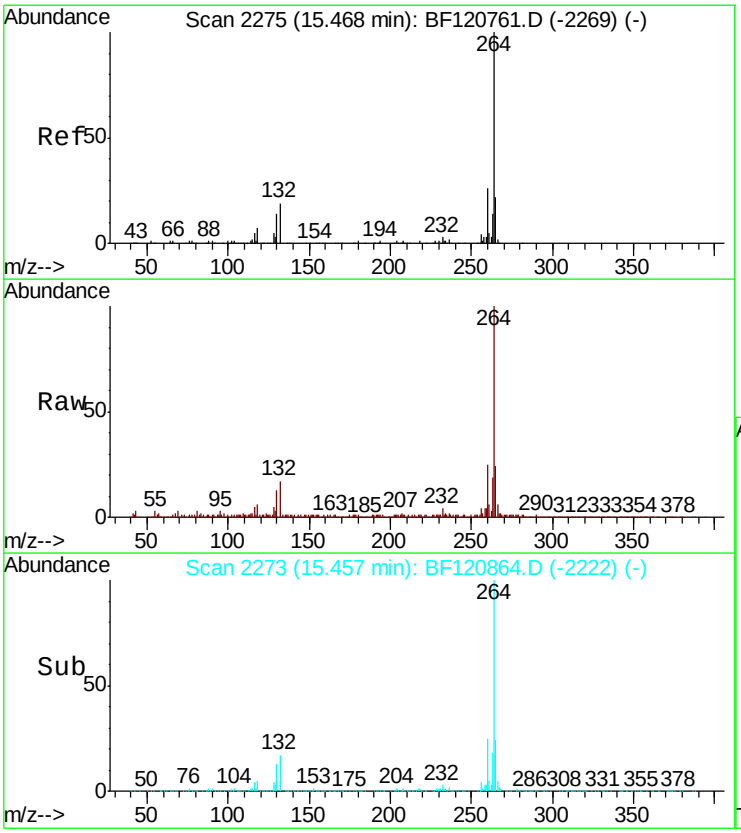

#83
Chrysene
Concen: 35.295 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

**Instrument :**
BNA_P
**ClientSampleId :**
CL-02-070920

Tgt Ion:228 Resp: 979499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.2 | 25.7 | 38.5 |
| 229 | 22.5 | 16.3 | 24.5 |

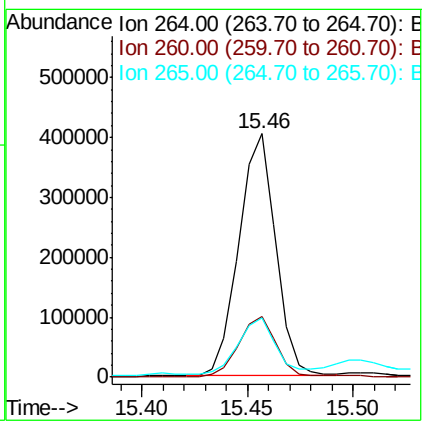


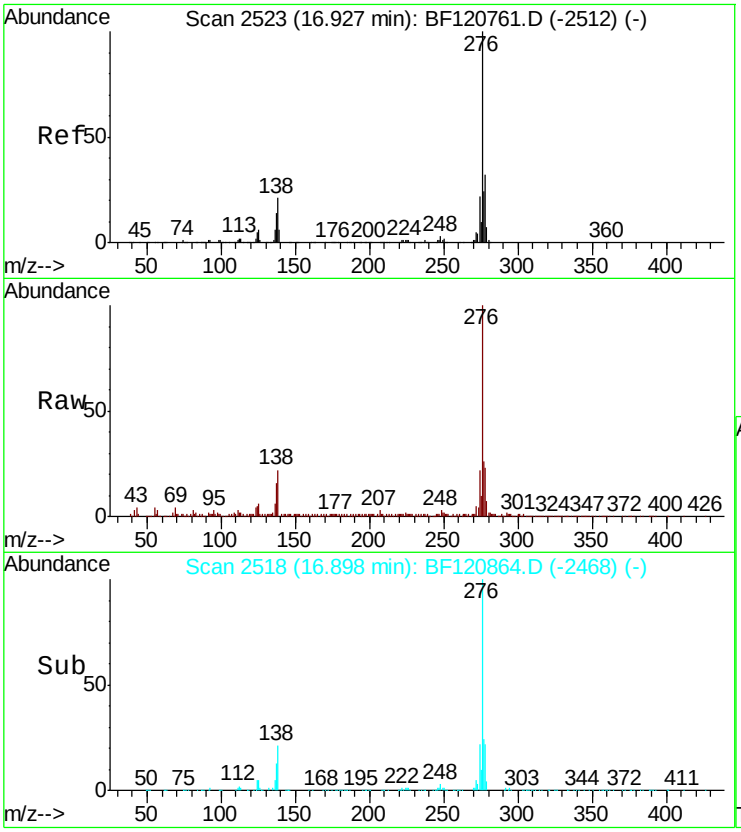




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

Tgt Ion:264 Resp: 490470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.1 | 20.6 | 30.8 |
| 265 | 24.2 | 17.6 | 26.4 |



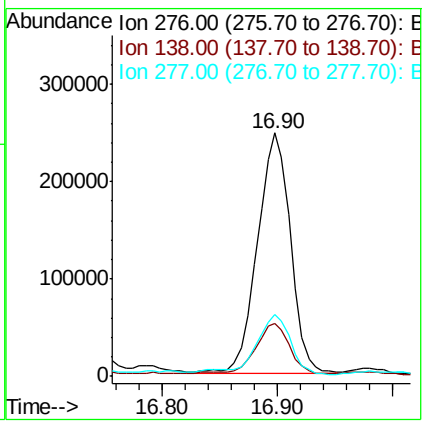


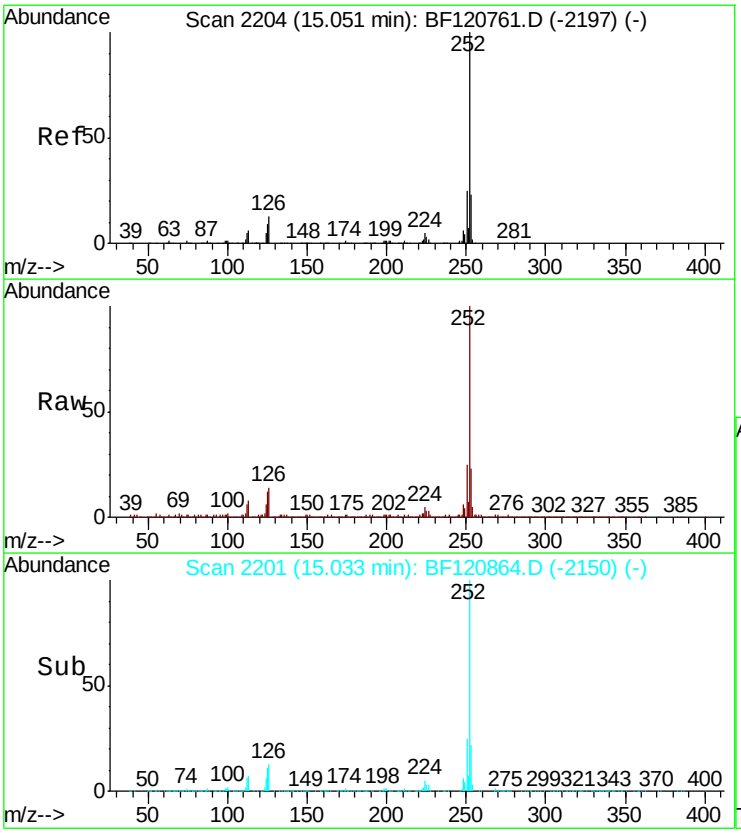

#87
Indeno(1,2,3-cd)pyrene
Concen: 15.624 ng
RT: 16.90 min Scan# 2518
Delta R.T. -0.01 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

**Instrument :**
BNA_P
**ClientSampleId :**
CL-02-070920

Tgt Ion:276 Resp: 491530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 21.7 | 19.8 | 29.8 |
| 277 | 24.9 | 19.9 | 29.9 |

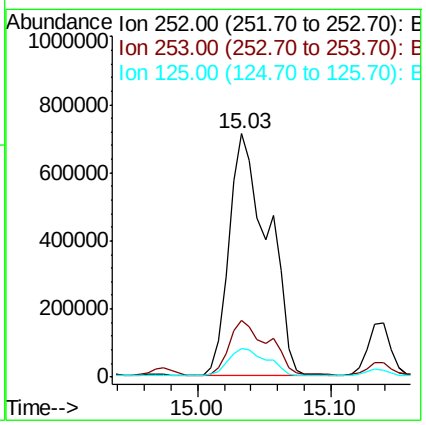


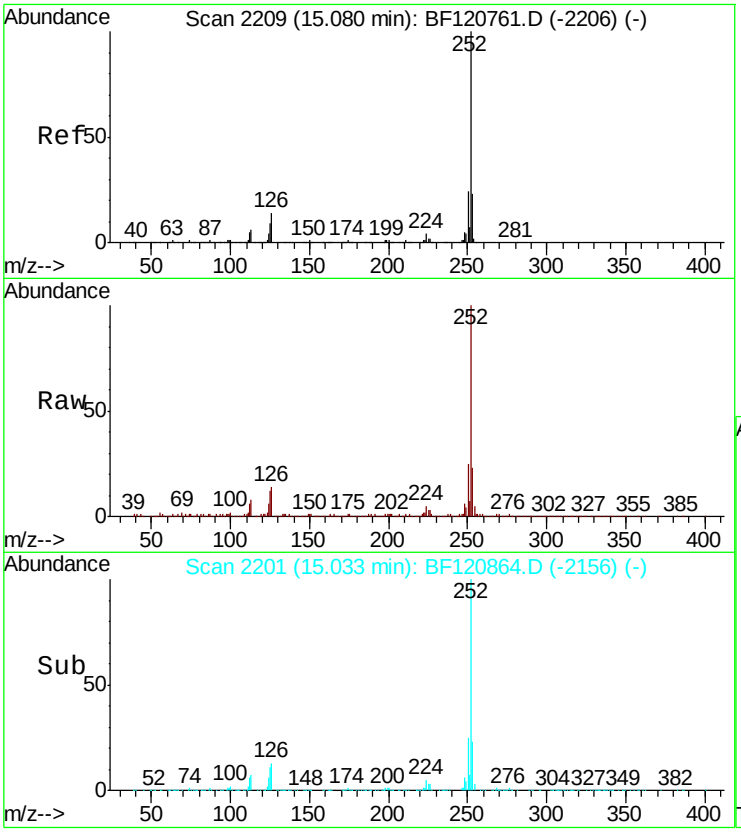




#88
Benzo(b)fluoranthene
Concen: 45.007 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

Tgt Ion:252 Resp: 1451239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.3 | 18.0 | 27.0 |
| 125 | 11.9 | 7.5 | 11.3# |



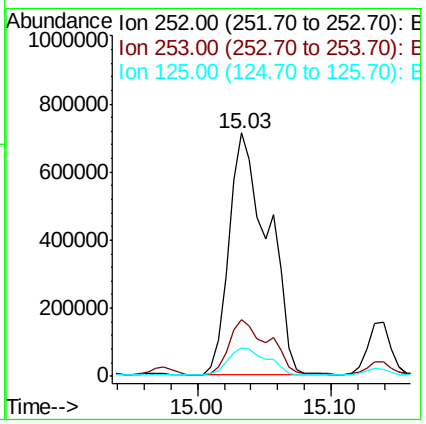


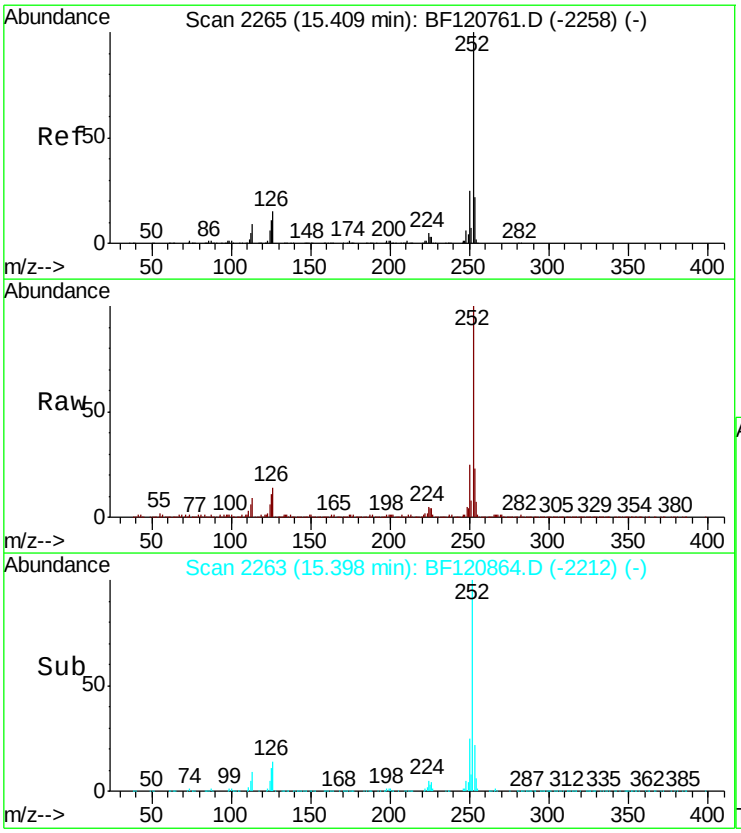

#89
Benzo(k)fluoranthene
Concen: 46.253 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.04 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

**Instrument :**
BNA_P
**ClientSampleId :**
CL-02-070920

Tgt Ion:252 Resp: 1451239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.3 | 17.9 | 26.9 |
| 125 | 11.9 | 7.6 | 11.4# |

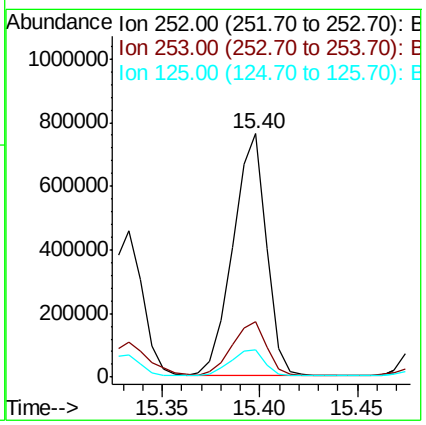


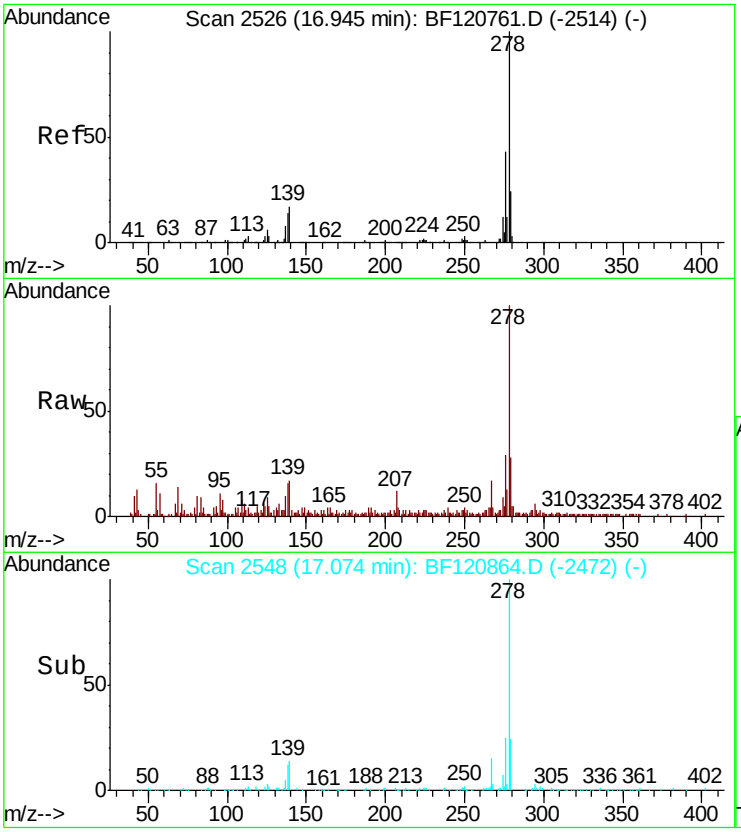




#90
Benzo(a)pyrene
Concen: 31.511 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

Tgt Ion:252 Resp: 906376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.0 | 17.4 | 26.0 |
| 125 | 11.1 | 9.2 | 13.8 |



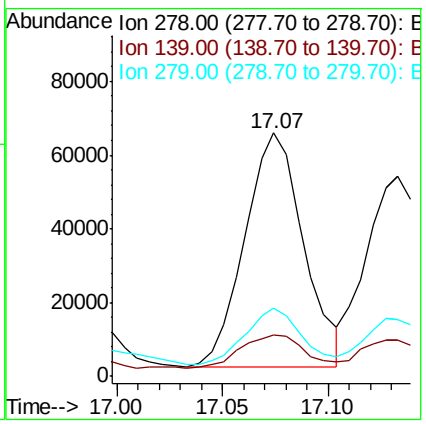


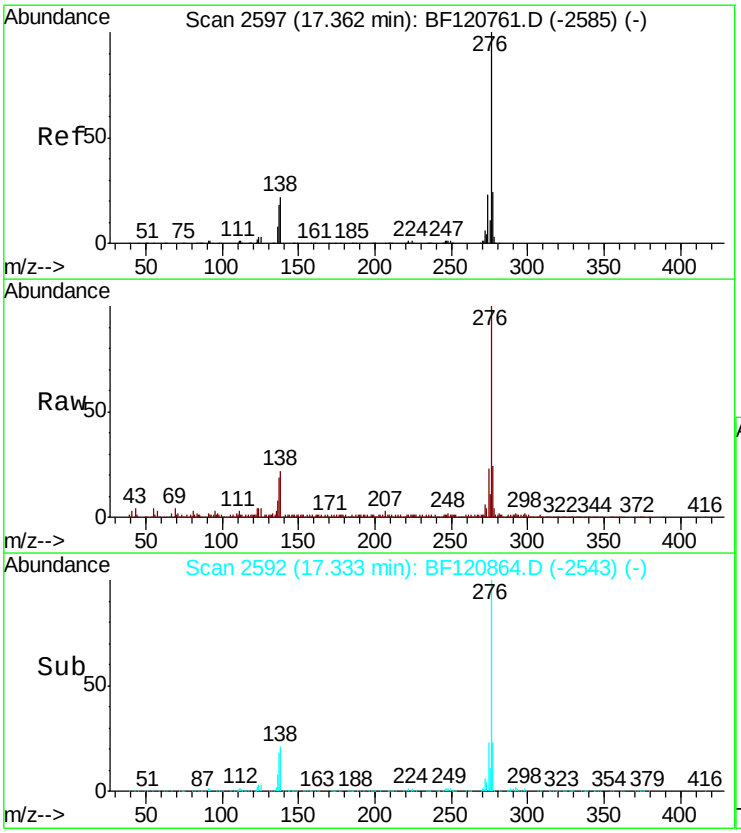

#91
Dibenzo(a,h)anthracene
Concen: 4.659 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.15 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

**Instrument :**
BNA_P
**ClientSampleId :**
CL-02-070920

Tgt Ion:278 Resp: 122158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.2 | 13.3 | 19.9 |
| 279 | 28.1 | 19.0 | 28.6 |




#92
Benzo(g,h,i)perylene
Concen: 18.455 ng
RT: 17.33 min Scan# 2592
Delta R.T. -0.01 min
Lab File: BF120864.D
Acq: 14 Jul 2020 16:48

Tgt Ion:276 Resp: 442242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.5 | 18.8 | 28.2 |
| 138 | 21.7 | 17.4 | 26.2 |