Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113207.D
Acq On : 21 Mar 2019 14:36
Operator : JU/SJ
Sample : K1688-37MS 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** JC-02-031919-I

Quant Time: Mar 22 01:13:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.72 | 152 | 144990 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.00 | 136 | 572856 | 20.00 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 9.76 | 164 | 228466 | 20.00 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 11.23 | 188 | 442060 | 20.00 | ng | | -0.01 |
| 76) Chrysene-d12 | 13.86 | 240 | 346272 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.27 | 264 | 311656 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.33 | 112 | 82913 | 8.90 | ng | | -0.01 |
| 7) Phenol-d6 | 6.36 | 99 | 116901 | 9.98 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.28 | 82 | 65862 | 6.88 | ng | | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.54 | 330 | 32535 | 13.41 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 9.07 | 172 | 135758 | 6.63 | ng | | -0.02 |
| 79) Terphenyl-d14 | 12.81 | 244 | 133446 | 7.47 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.35 | 88 | 12878 | 2.756 | ng | | 88 |
| 3) Pyridine | 3.15 | 79 | 23914 | 1.913 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.00 | 42 | 13084 | 2.393 | ng | # | 97 |
| 6) Aniline | 6.38 | 93 | 8628 | 0.535 | ng | # | 1 |
| 8) 2-Chlorophenol | 6.51 | 128 | 32294 | 3.112 | ng | | 89 |
| 9) Benzaldehyde | 6.26 | 77 | 8389 | 0.994 | ng | | 92 |
| 10) Phenol | 6.37 | 94 | 40648 | 2.975 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 6.45 | 93 | 31527 | 3.006 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 6.66 | 146 | 37343m | 3.484 | ng | | |
| 13) 1,4-Dichlorobenzene | 6.74 | 146 | 40212 | 3.741 | ng | | 95 |
| 14) 1,2-Dichlorobenzene | 6.89 | 146 | 38558 | 3.913 | ng | | 95 |
| 15) Benzyl Alcohol | 6.87 | 79 | 27094 | 3.035 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.00 | 45 | 53544 | 3.059 | ng | | 83 |
| 17) 2-Methylphenol | 6.99 | 107 | 27771 | 3.299 | ng | | 96 |
| 18) Hexachloroethane | 7.23 | 117 | 11334 | 2.753 | ng | # | 89 |
| 19) n-Nitroso-di-n-propylamine | 7.13 | 70 | 22964 | 3.097 | ng | | 97 |
| 20) 3+4-Methylphenols | 7.15 | 107 | 31623 | 3.328 | ng | # | 67 |
| 22) Acetophenone | 7.13 | 105 | 45448 | 3.393 | ng | # | 87 |
| 24) Nitrobenzene | 7.30 | 77 | 31853 | 2.989 | ng | | 98 |
| 25) Isophorone | 7.54 | 82 | 64759 | 3.140 | ng | | 96 |
| 26) 2-Nitrophenol | 7.62 | 139 | 13005 | 2.932 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 7.67 | 122 | 25997 | 3.150 | ng | | 94 |
| 28) bis(2-Chloroethoxy)methane | 7.75 | 93 | 36624 | 2.840 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.88 | 162 | 25937 | 3.241 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 7.95 | 180 | 30608 | 3.560 | ng | | 98 |
| 31) Naphthalene | 8.02 | 128 | 110256 | 3.877 | ng | | 98 |
| 33) 4-Chloroaniline | 8.09 | 127 | 11438 | 0.950 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.15 | 225 | 19698 | 4.062 | ng | | 96 |
| 35) Caprolactam | 8.40 | 113 | 8181 | 2.903 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 8.57 | 107 | 29204 | 3.298 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.72 | 142 | 62377 | 3.396 | ng | | 98 |
| 38) 1-Methylnaphthalene | 8.82 | 142 | 59480 | 3.343 | ng | | 97 |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.89 | 216 | 28136 | 4.223 | ng | # | 97 |
| 41) Hexachlorocyclopentadiene | 8.87 | 237 | 971 | 0.266 | ng | | 93 |

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113207.D
Acq On : 21 Mar 2019 14:36
Operator : JU/SJ
Sample : K1688-37MS 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** JC-02-031919-I

Quant Time: Mar 22 01:13:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 43) 2,4,6-Trichlorophenol | 9.00 | 196 | 17581 | 3.834 | ng | | 95 |
| 44) 2,4,5-Trichlorophenol | 9.05 | 196 | 19290 | 3.892 | ng | | 93 |
| 46) 1,1'-Biphenyl | 9.18 | 154 | 77105 | 4.138 | ng | | 96 |
| 47) 2-Chloronaphthalene | 9.20 | 162 | 55664 | 3.825 | ng | | 98 |
| 48) 2-Nitroaniline | 9.30 | 65 | 16964 | 3.836 | ng | | 94 |
| 49) Acenaphthylene | 9.62 | 152 | 92594 | 3.748 | ng | | 96 |
| 50) Dimethylphthalate | 9.47 | 163 | 78159 | 4.640 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.53 | 165 | 13267 | 3.782 | ng | | 84 |
| 52) Acenaphthene | 9.79 | 154 | 52041 | 3.603 | ng | | 97 |
| 53) 3-Nitroaniline | 9.71 | 138 | 11092 | 2.595 | ng | # | 96 |
| 55) Dibenzofuran | 9.96 | 168 | 84771 | 4.038 | ng | | 96 |
| 56) 4-Nitrophenol | 9.89 | 139 | 15177 | 4.369 | ng | | 96 |
| 57) 2,4-Dinitrotoluene | 9.95 | 165 | 16541 | 3.793 | ng | # | 87 |
| 58) Fluorene | 10.30 | 166 | 63981 | 4.294 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.09 | 232 | 15767 | 3.819 | ng | # | 97 |
| 60) Diethylphthalate | 10.17 | 149 | 69039 | 3.880 | ng | | 100 |
| 61) 4-Chlorophenyl-phenylether | 10.29 | 204 | 33323 | 4.806 | ng | | 93 |
| 62) 4-Nitroaniline | 10.31 | 138 | 14503 | 3.672 | ng | | 97 |
| 63) Azobenzene | 10.45 | 77 | 60909 | 3.342 | ng | | 95 |
| 65) 4,6-Dinitro-2-methylphenol | 10.36 | 198 | 593 | 4.908 | ng | | 89 |
| 66) n-Nitrosodiphenylamine | 10.41 | 169 | 58577 | 4.132 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 10.78 | 248 | 19420 | 4.171 | ng | | 92 |
| 68) Hexachlorobenzene | 10.85 | 284 | 22016 | 4.195 | ng | # | 88 |
| 69) Atrazine | 10.93 | 200 | 18456 | 4.251 | ng | | 98 |
| 70) Pentachlorophenol | 11.05 | 266 | 13656 | 4.420 | ng | | 98 |
| 71) Phenanthrene | 11.26 | 178 | 91262 | 4.149 | ng | | 97 |
| 72) Anthracene | 11.31 | 178 | 92194 | 4.004 | ng | | 97 |
| 73) Carbazole | 11.47 | 167 | 84287 | 3.753 | ng | | 97 |
| 74) Di-n-butylphthalate | 11.80 | 149 | 114169 | 4.239 | ng | | 97 |
| 75) Fluoranthene | 12.45 | 202 | 96340 | 4.088 | ng | | 95 |
| 77) Benzidine | 12.57 | 184 | 21299 | 1.186 | ng | | 98 |
| 78) Pyrene | 12.67 | 202 | 96157 | 3.294 | ng | | 97 |
| 80) Butylbenzylphthalate | 13.29 | 149 | 42283 | 3.281 | ng | | 93 |
| 81) Benzo(a)anthracene | 13.85 | 228 | 82010 | 3.417 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.82 | 252 | 19675 | 2.168 | ng | | 99 |
| 83) Chrysene | 13.89 | 228 | 77881 | 3.313 | ng | | 97 |
| 84) Bis(2-ethylhexyl)phthalate | 13.85 | 149 | 61846 | 4.092 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.46 | 149 | 101411 | 3.908 | ng | # | 95 |
| 86) Indeno(1,2,3-cd)pyrene | 16.64 | 276 | 64130 | 3.200 | ng | | 94 |
| 88) Benzo(b)fluoranthene | 14.87 | 252 | 72914 | 3.617 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 14.90 | 252 | 71100 | 3.894 | ng | | 97 |
| 90) Benzo(a)pyrene | 15.22 | 252 | 65607 | 3.679 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 16.65 | 278 | 54759 | 3.599 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.05 | 276 | 52930 | 3.464 | ng | | 93 |

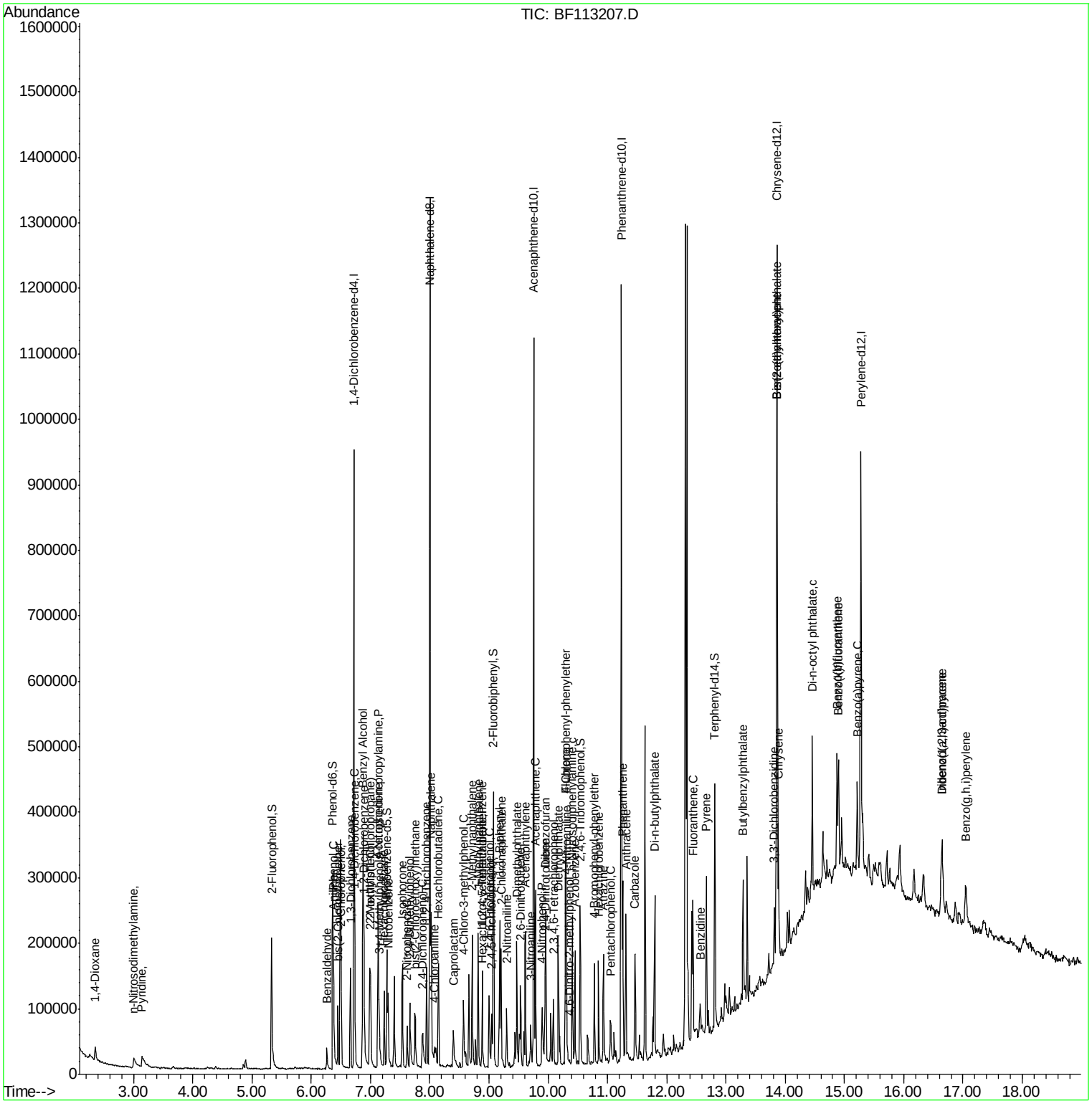
(#) = qualifier out of range (m) = manual integration (+) = signals summed

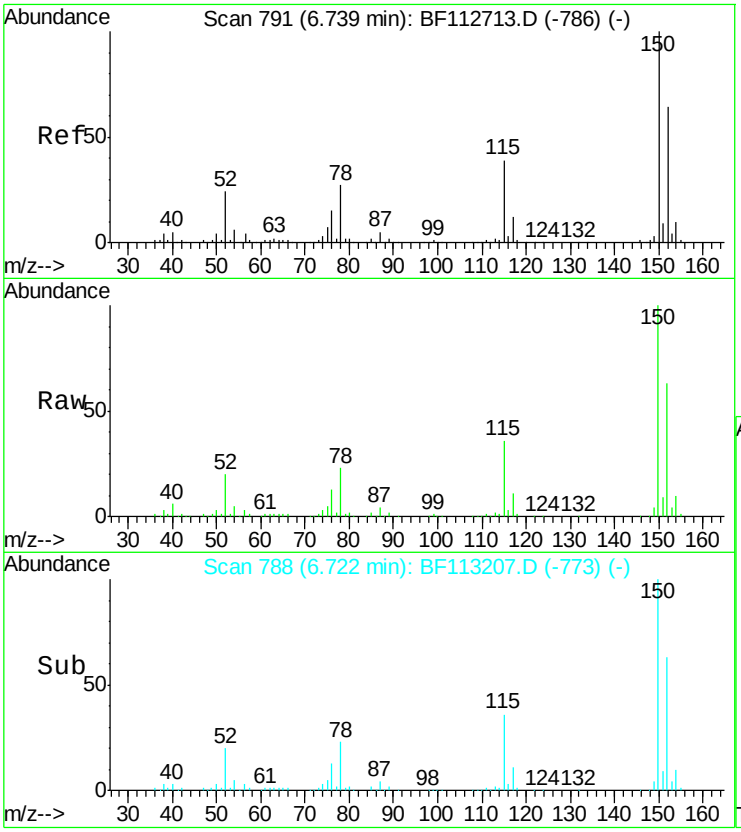
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113207.D
Acq On : 21 Mar 2019 14:36
Operator : JU/SJ
Sample : K1688-37MS 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Quant Time: Mar 22 01:13:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration



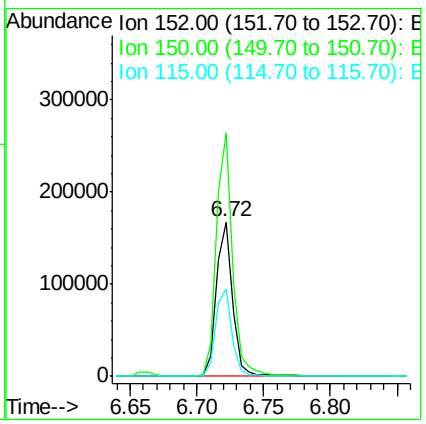


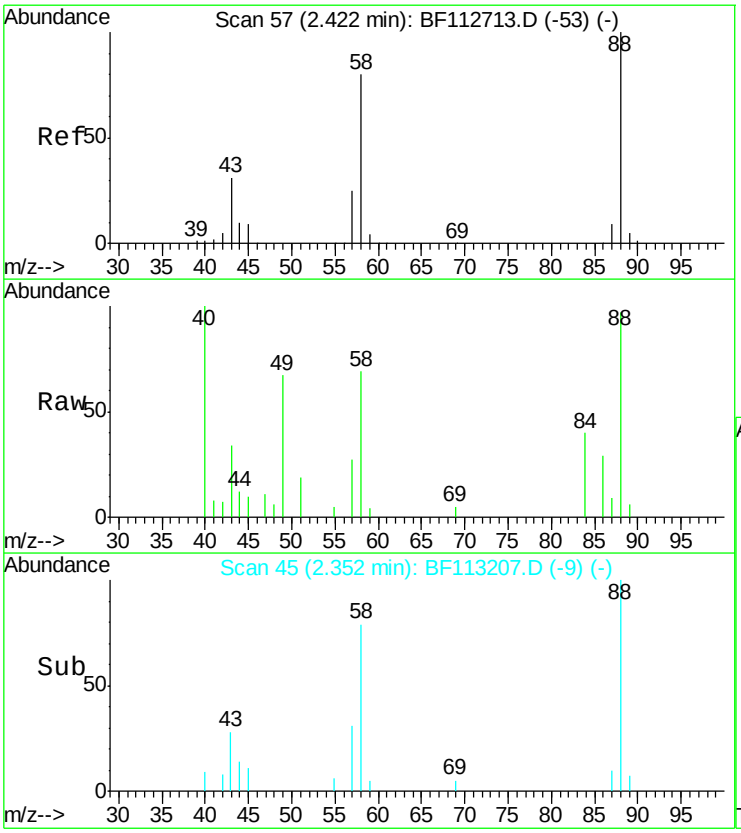

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:152 Resp: 144990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.7 | 124.2 | 186.2 |
| 115 | 56.9 | 48.2 | 72.4 |

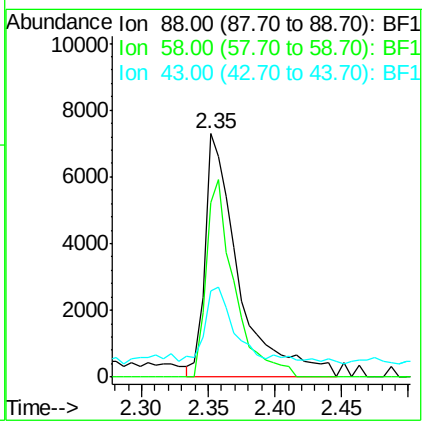


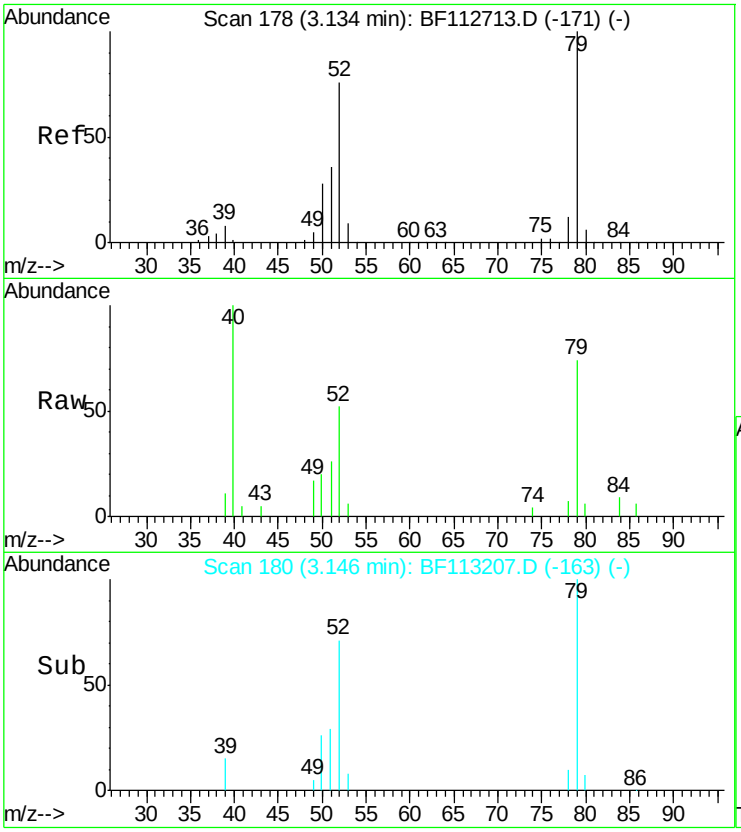




#2
1,4-Dioxane
Concen: 2.756 ng
RT: 2.35 min Scan# 45
Delta R.T. -0.09 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion: 88 Resp: 12878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 67.7 | 63.1 | 94.7 |
| 43 | 25.4 | 24.3 | 36.5 |



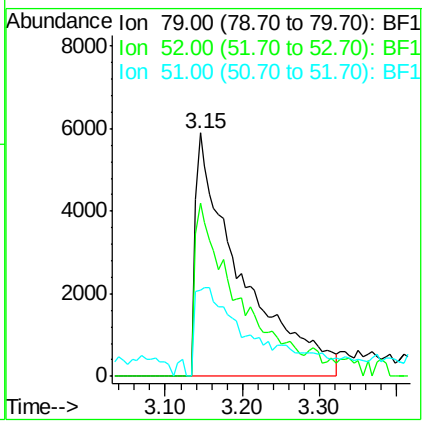


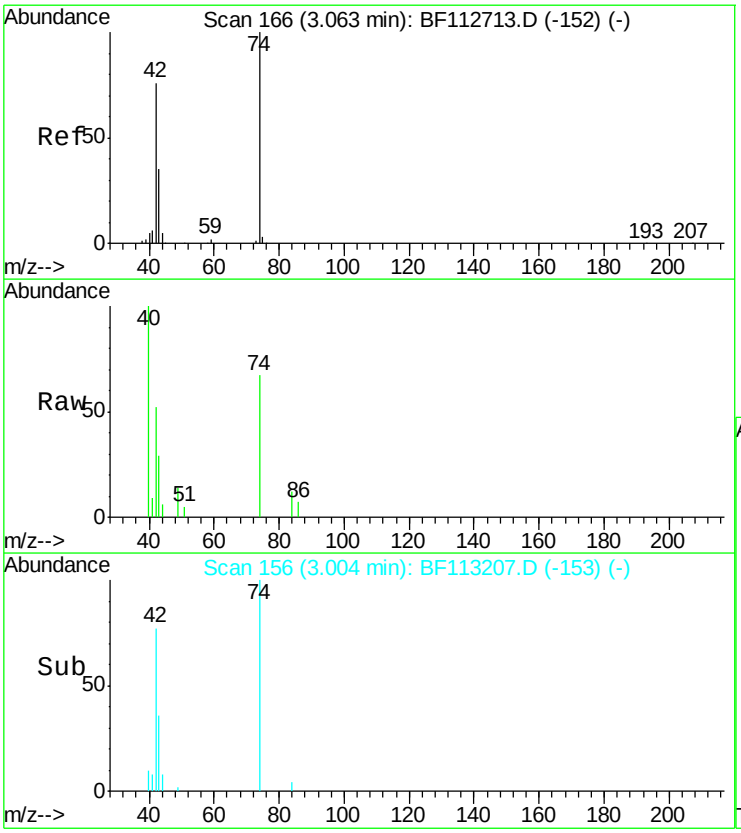

#3
Pyridine
Concen: 1.913 ng
RT: 3.15 min Scan# 180
Delta R.T. -0.00 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion: 79 Resp: 23914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 71.0 | 60.5 | 90.7 |
| 51 | 35.4 | 28.8 | 43.2 |

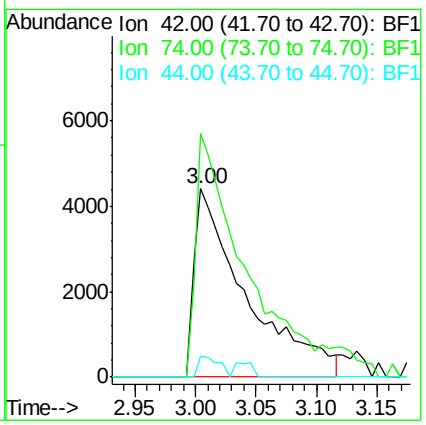


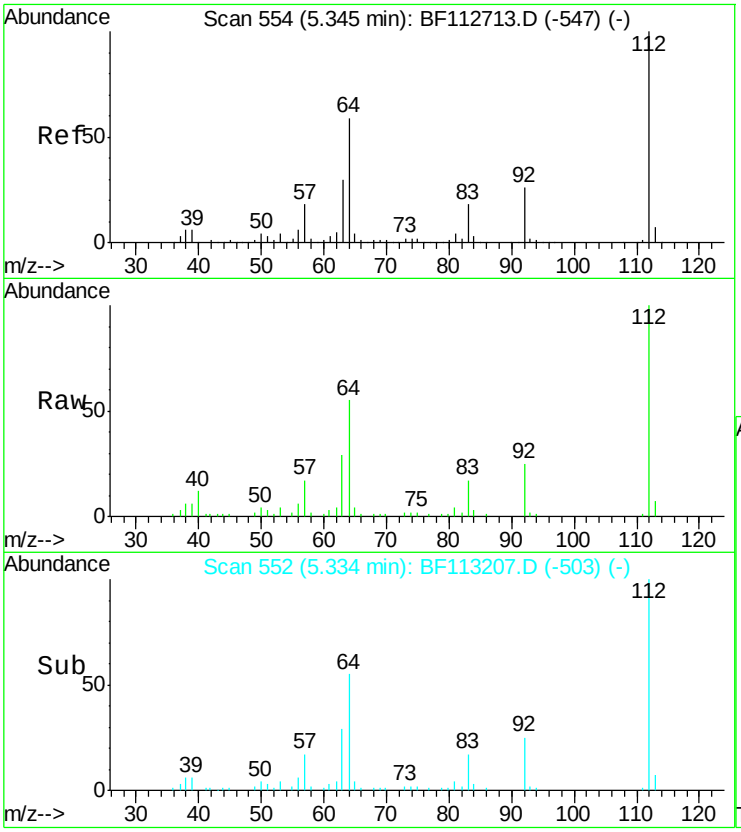




#4
n-Nitrosodimethylamine
Concen: 2.393 ng
RT: 3.00 min Scan# 156
Delta R.T. -0.08 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion: 42 Resp: 13084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 129.5 | 105.8 | 158.8 |
| 44 | 10.9 | 6.2 | 9.2# |



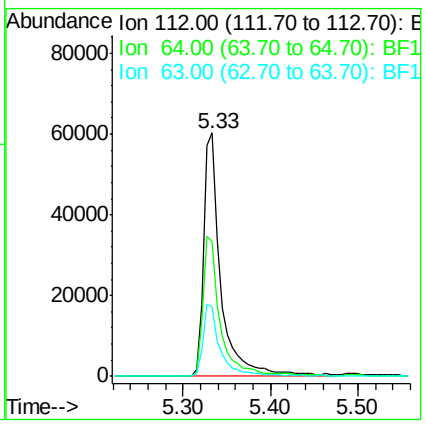


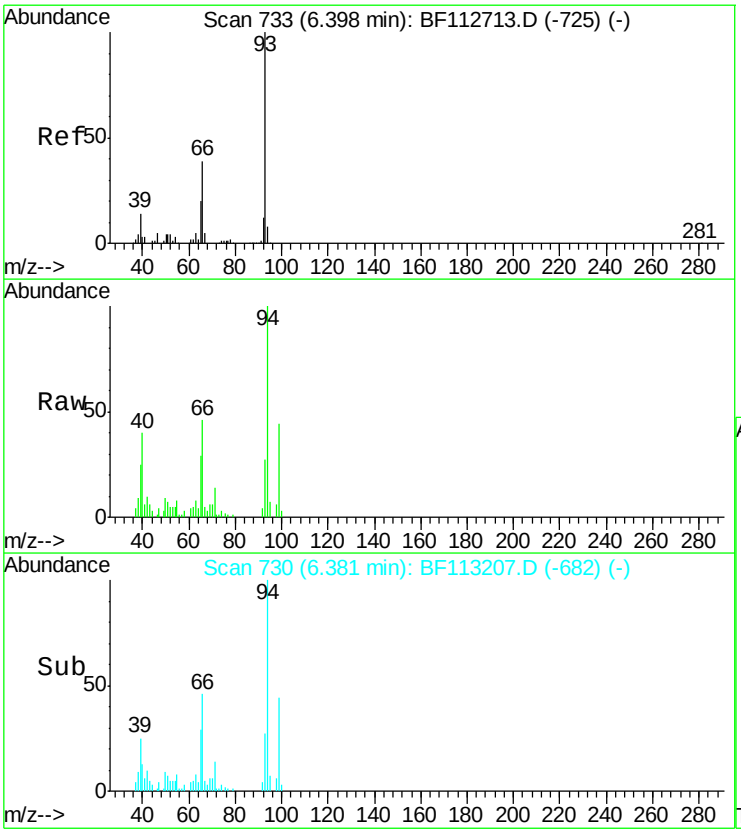

#5
2-Fluorophenol
Concen: 8.895 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:112 Resp: 82913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.3 | 47.6 | 71.4 |
| 63 | 28.6 | 24.4 | 36.6 |

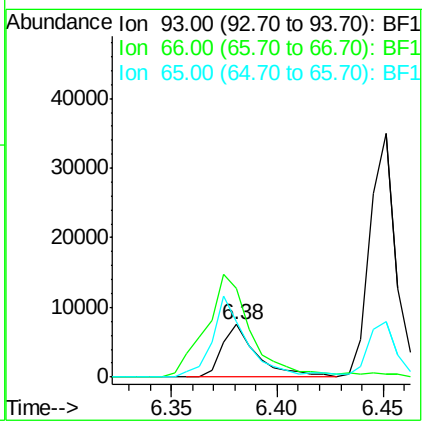


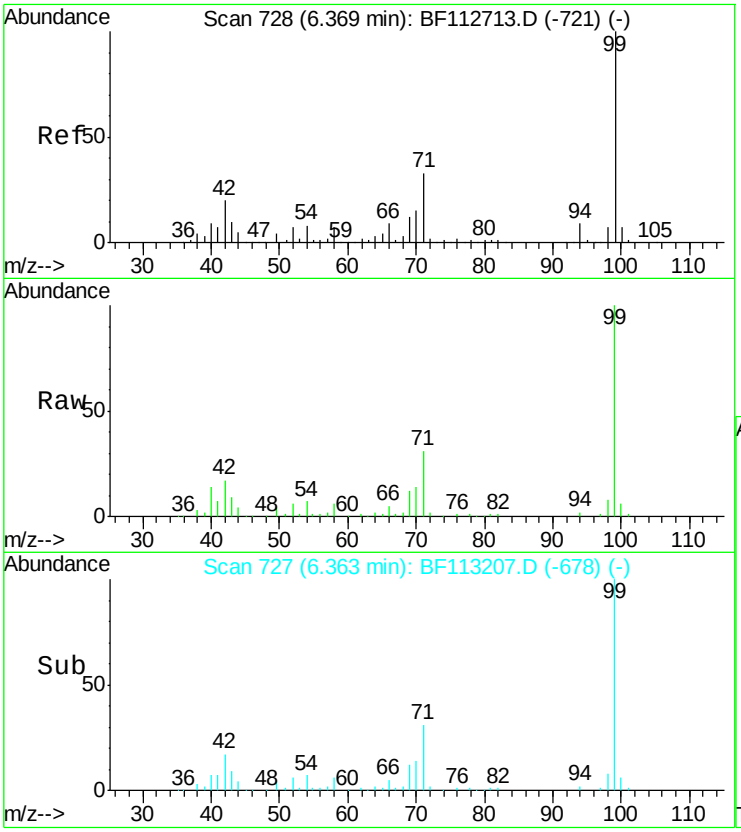




#6
Aniline
Concen: 0.535 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion: 93 Resp: 8628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 168.0 | 32.2 | 48.2# |
| 65 | 105.9 | 16.2 | 24.4# |



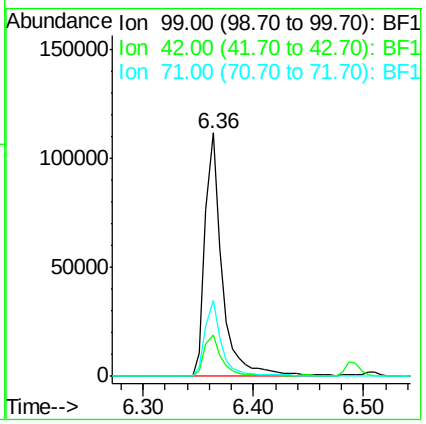


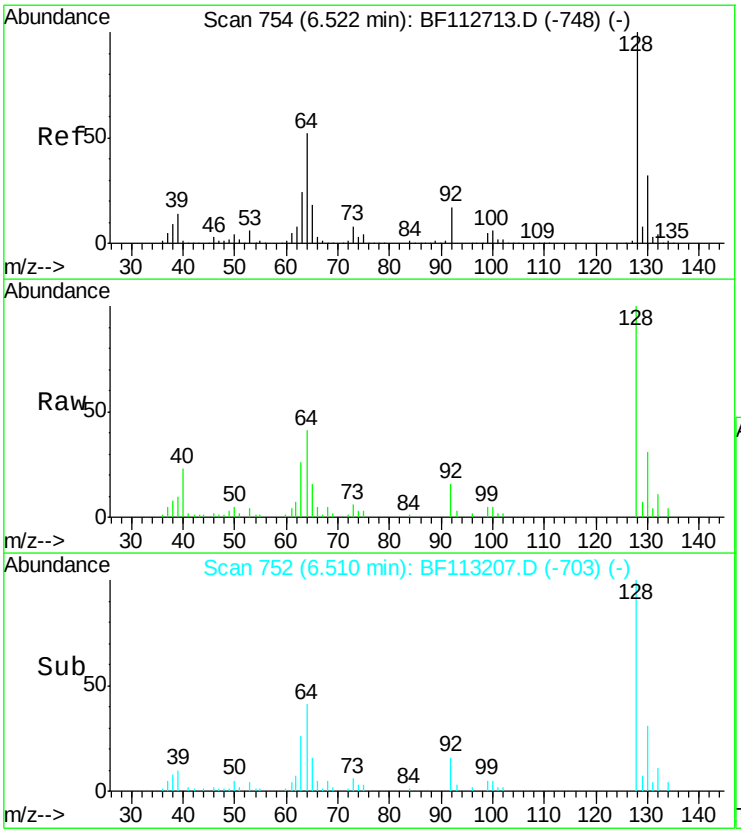

#7
Phenol-d6
Concen: 9.984 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion: 99 Resp: 116901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.0 | 16.3 | 24.5 |
| 71 | 31.0 | 26.2 | 39.4 |

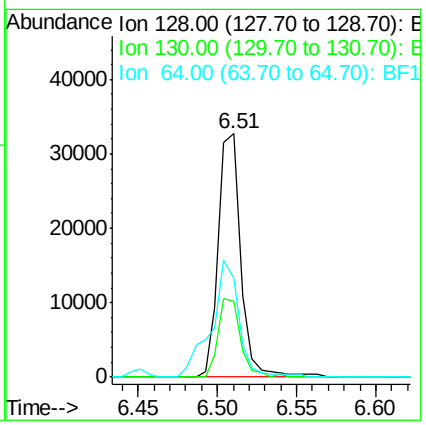


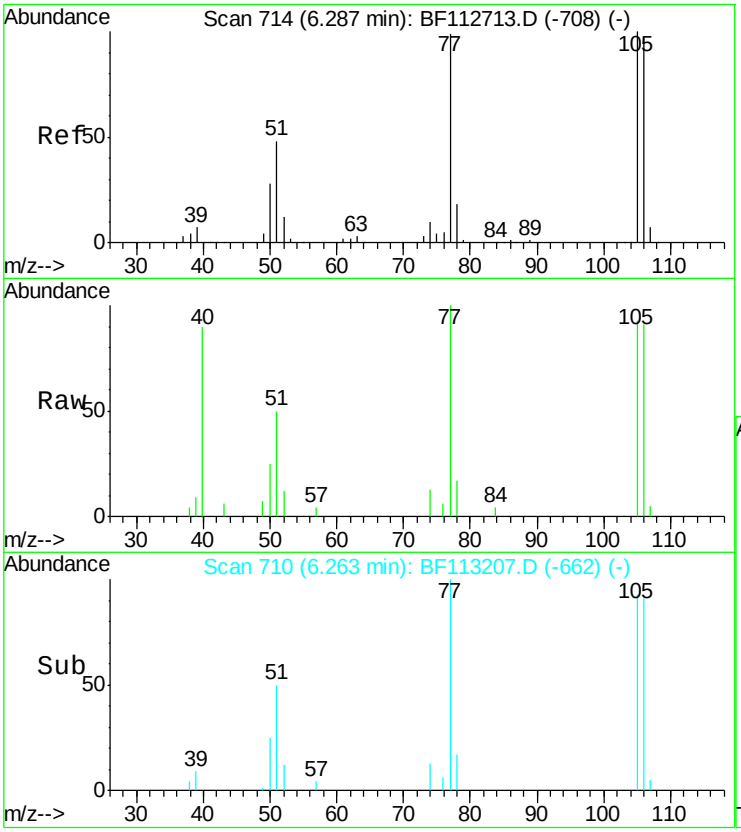




#8
2-Chlorophenol
Concen: 3.112 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:128 Resp: 32294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.4 | 12.4 | 52.4 |
| 64 | 40.9 | 32.2 | 72.2 |



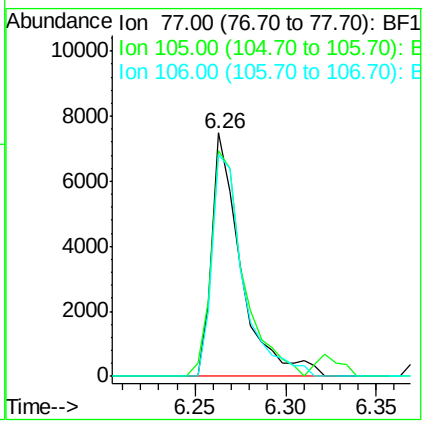


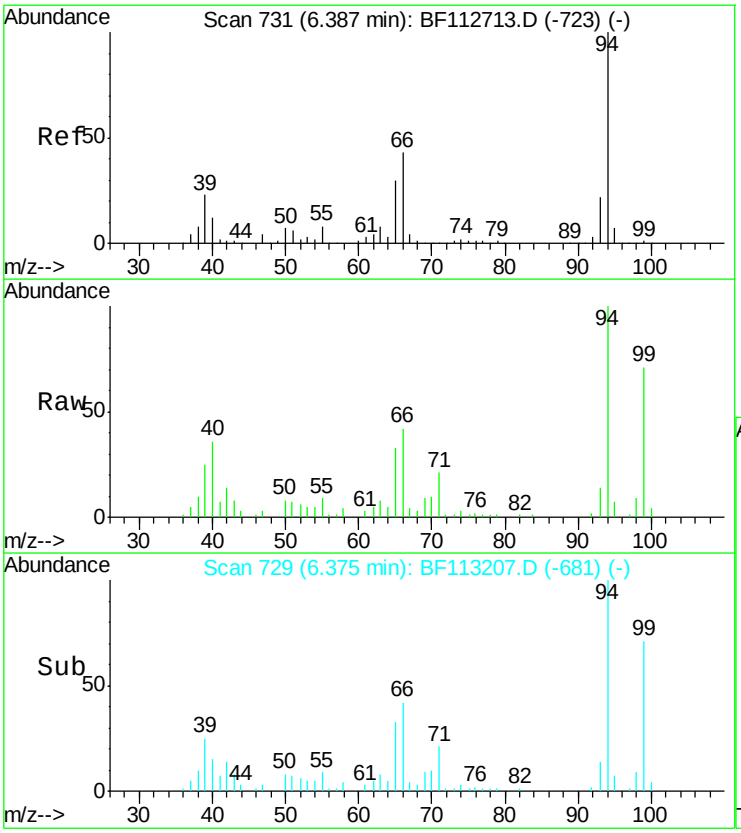

#9
Benzaldehyde
Concen: 0.994 ng
RT: 6.26 min Scan# 710
Delta R.T. -0.02 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion: 77 Resp: 8389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 92.5 | 81.4 | 121.4 |
| 106 | 91.1 | 78.3 | 118.3 |

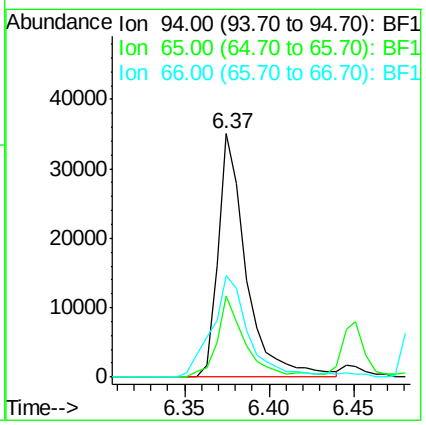


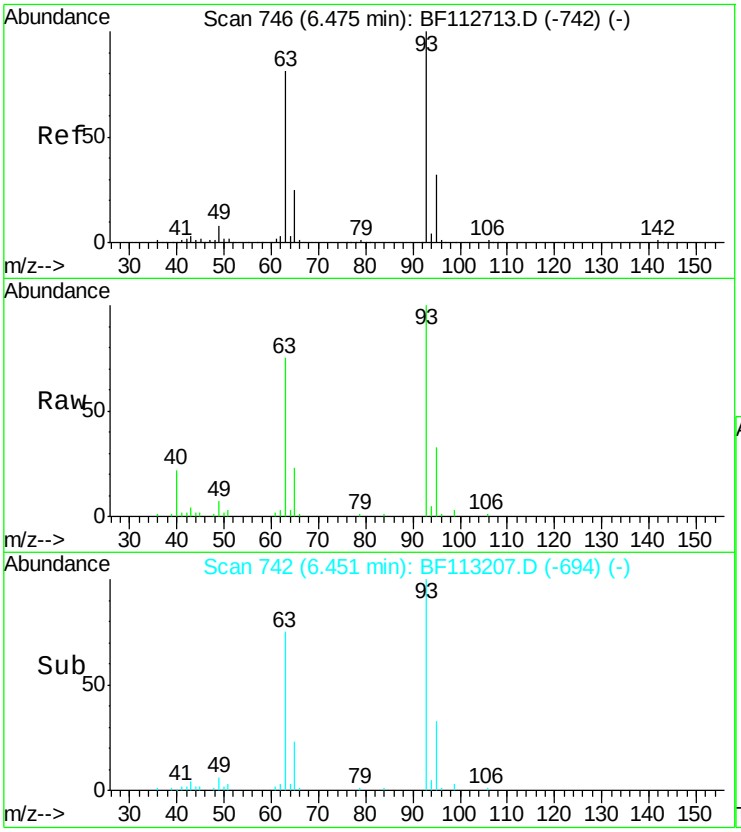




#10
Phenol
Concen: 2.975 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion: 94 Resp: 40648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 33.1 | 10.5 | 50.5 |
| 66 | 42.0 | 22.6 | 62.6 |



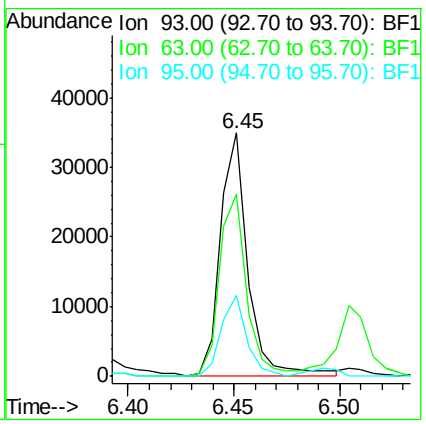


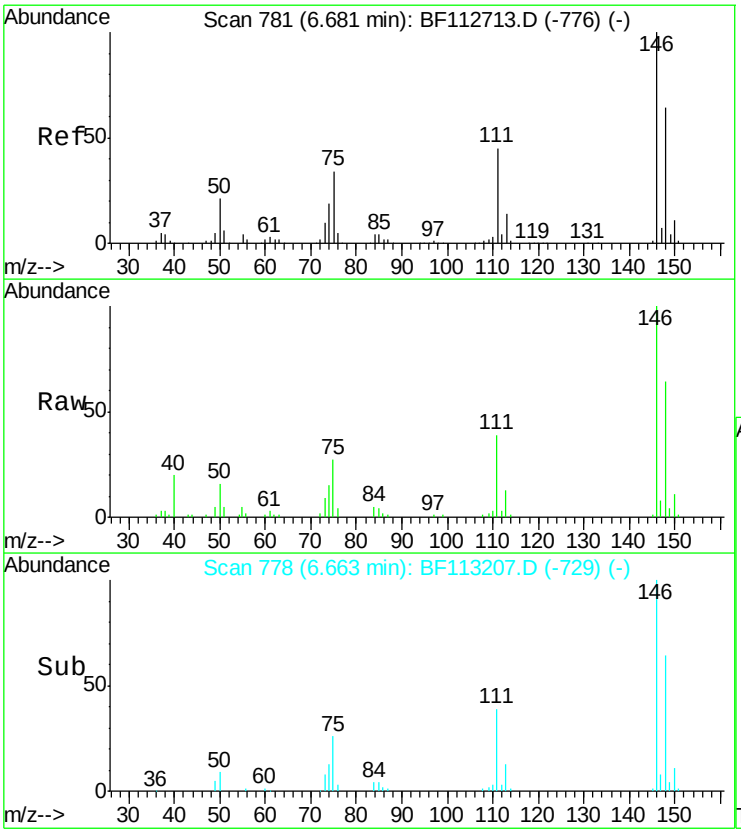

#11
bis(2-Chloroethyl)ether
Concen: 3.006 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion: 93 Resp: 31527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 74.9 | 60.5 | 100.5 |
| 95 | 33.5 | 12.1 | 52.1 |

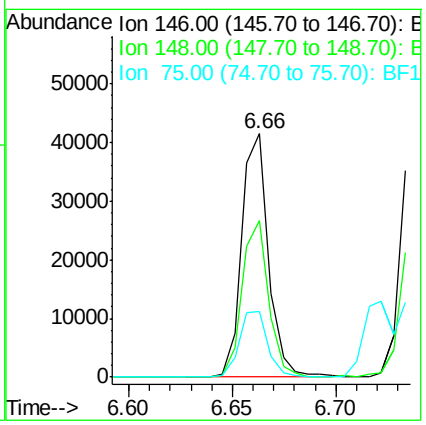


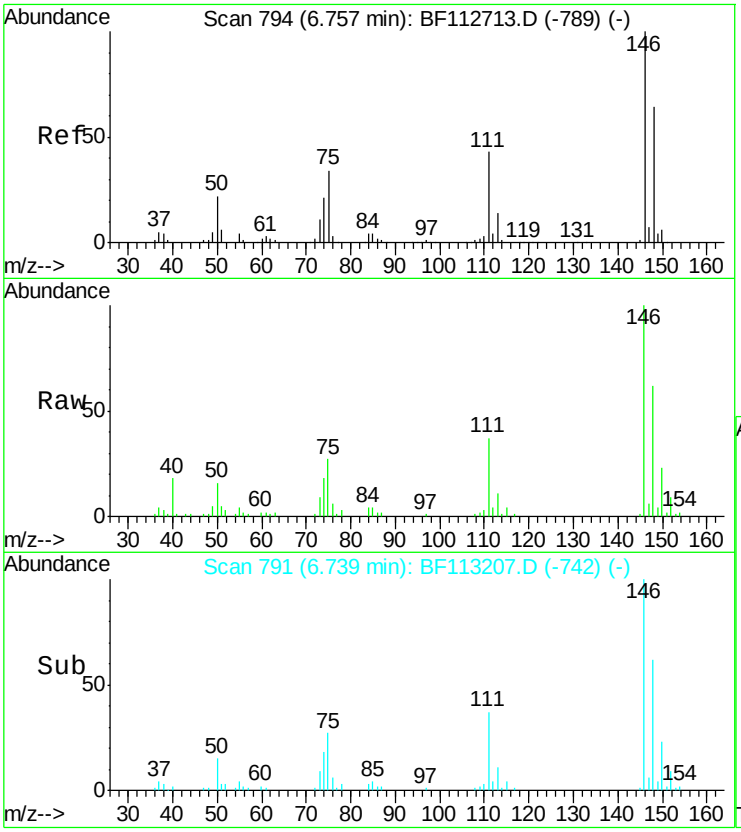




#12
1,3-Dichlorobenzene
Concen: 3.484 ng m
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:146 Resp: 37343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.1 | 50.9 | 76.3 |
| 75 | 26.8 | 26.9 | 40.3# |



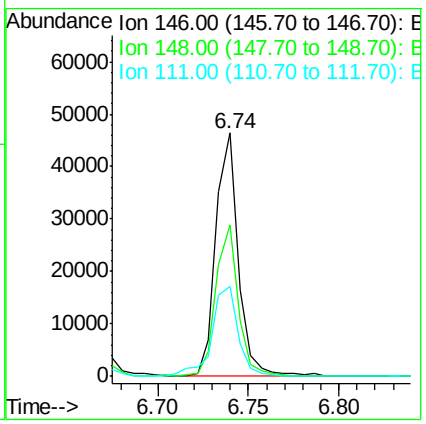


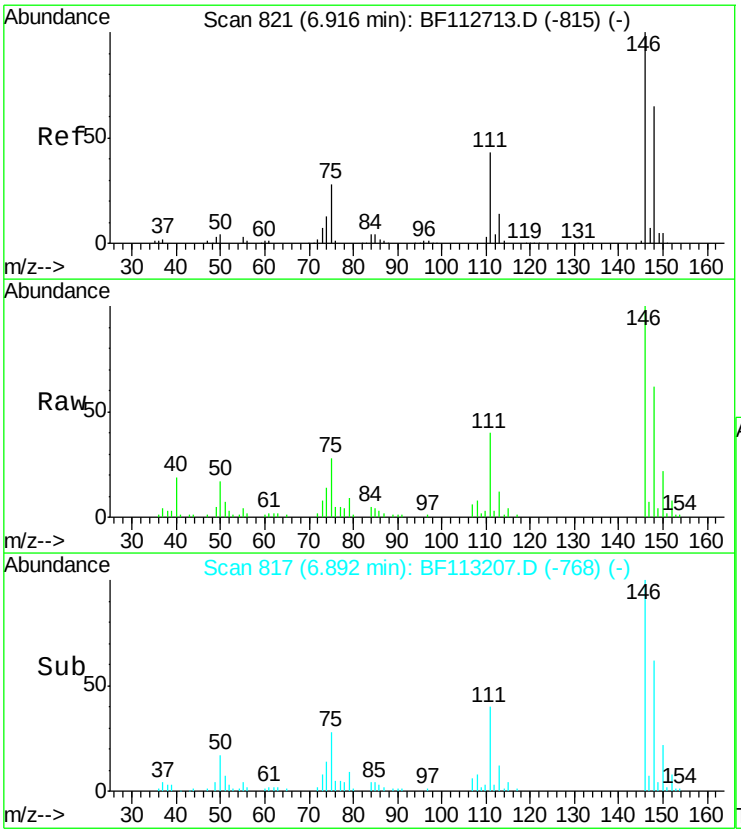

#13
1,4-Dichlorobenzene
Concen: 3.741 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:146 Resp: 40212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.2 | 51.0 | 76.4 |
| 111 | 37.0 | 34.5 | 51.7 |

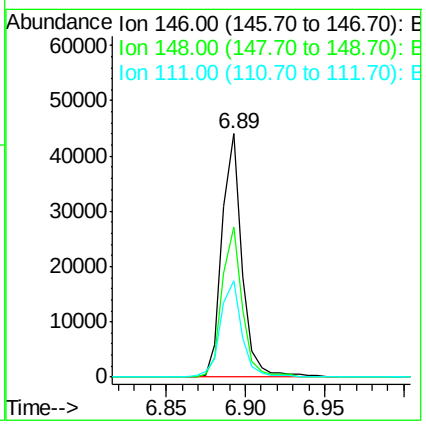


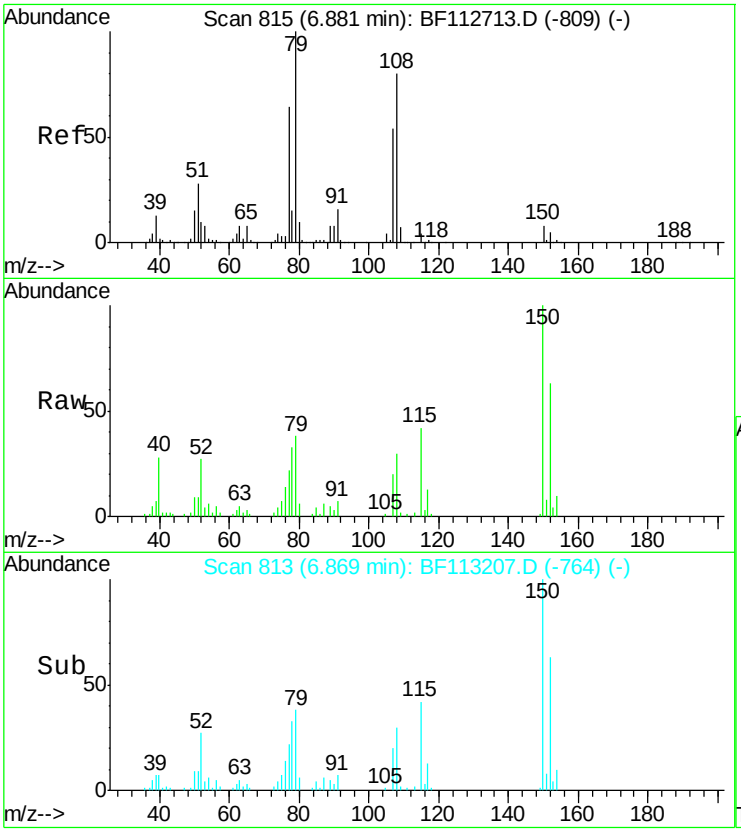




#14
1,2-Dichlorobenzene
Concen: 3.913 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:146 Resp: 38558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 61.9 | 52.0 | 78.0 |
| 111 | 39.5 | 34.8 | 52.2 |



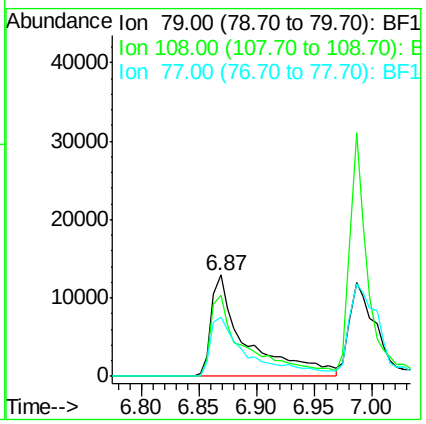


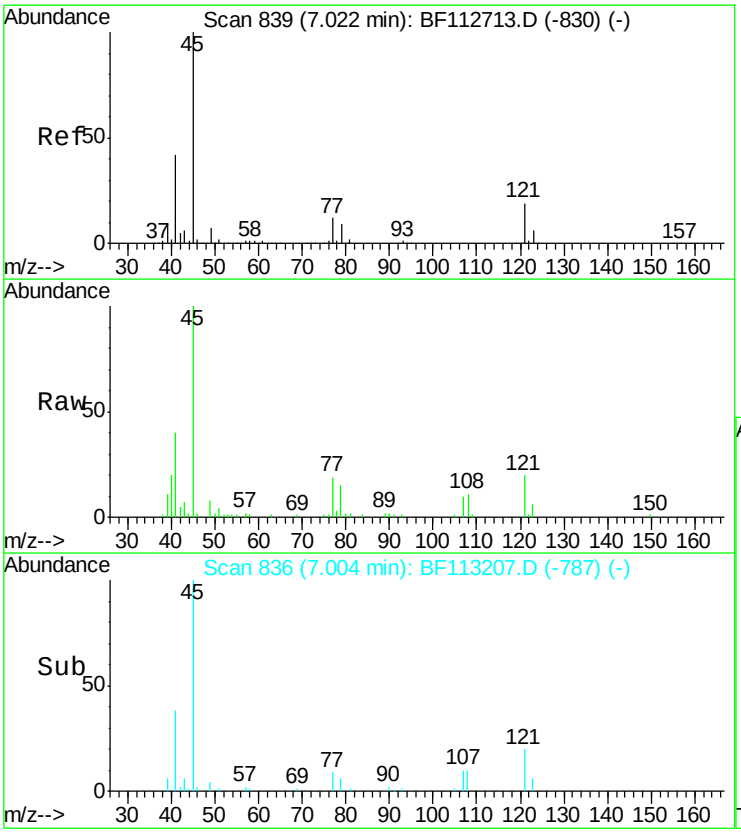

#15
Benzyl Alcohol
Concen: 3.035 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion: 79 Resp: 27094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 79.6 | 64.2 | 96.4 |
| 77 | 58.7 | 51.1 | 76.7 |

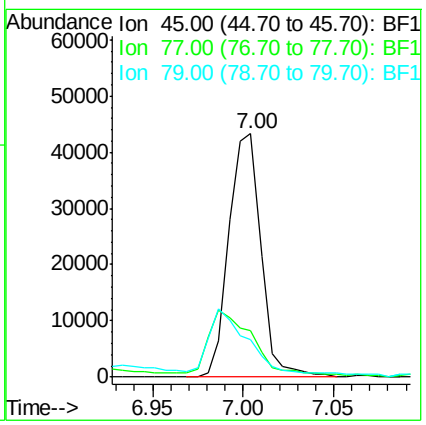


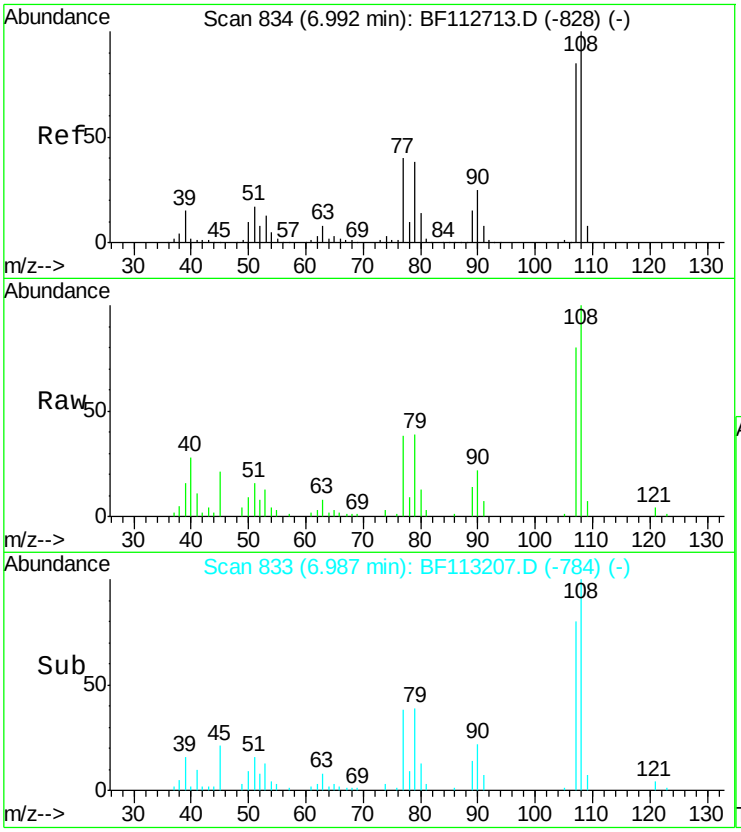




#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.059 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion: 45 Resp: 53544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 19.2 | 0.0 | 32.1 |
| 79 | 15.4 | 0.0 | 29.4 |



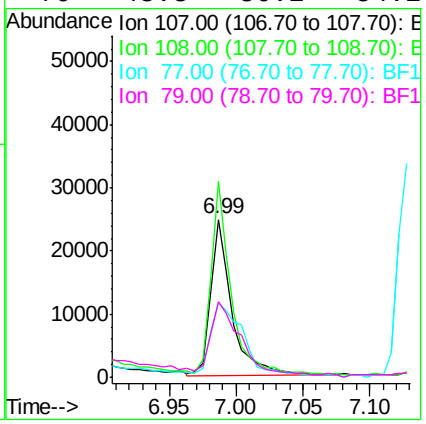


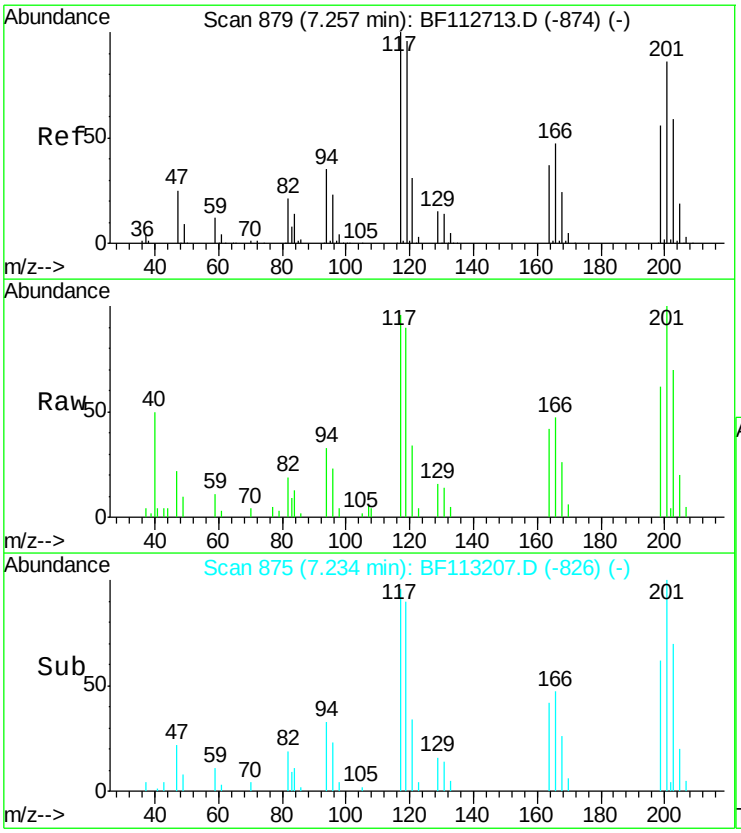

#17
2-Methylphenol
Concen: 3.299 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:107 Resp: 27771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 124.5 | 94.6 | 142.0 |
| 77 | 47.4 | 37.8 | 56.8 |
| 79 | 48.3 | 36.2 | 54.2 |

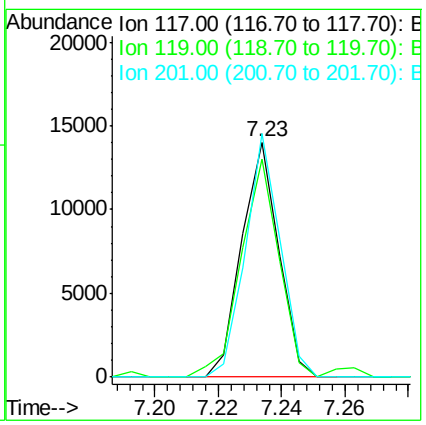


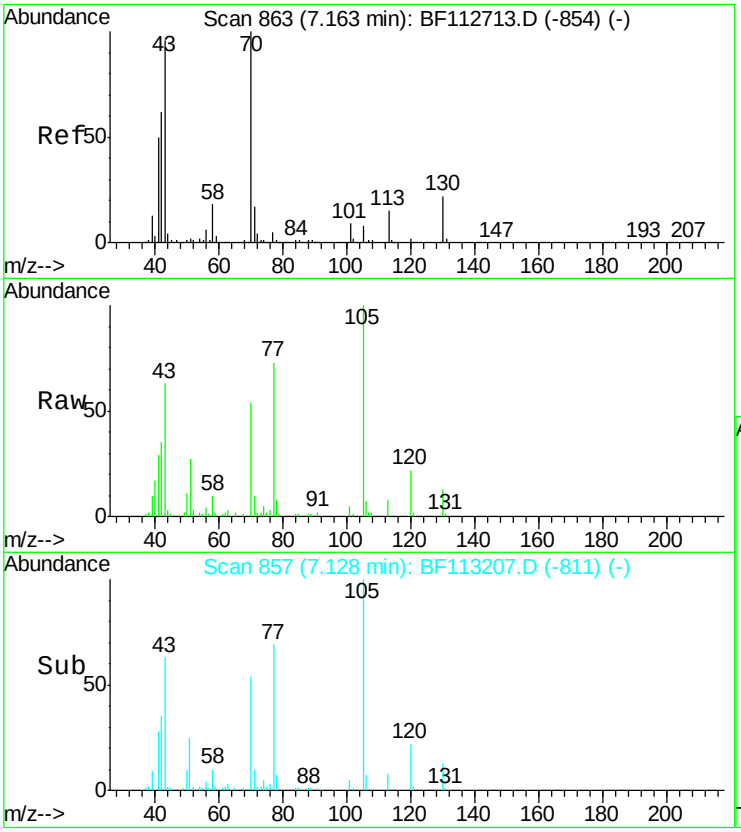




#18
Hexachloroethane
Concen: 2.753 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:117 Resp: 11334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 92.8 | 76.6 | 115.0 |
| 201 | 103.6 | 68.9 | 103.3# |



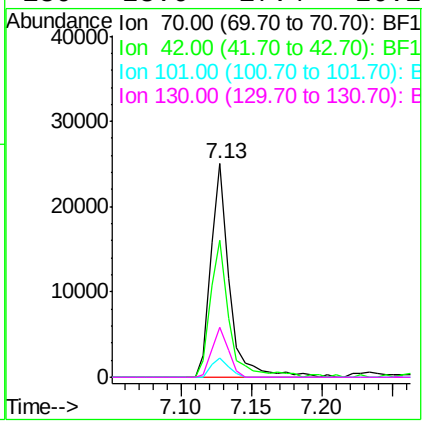


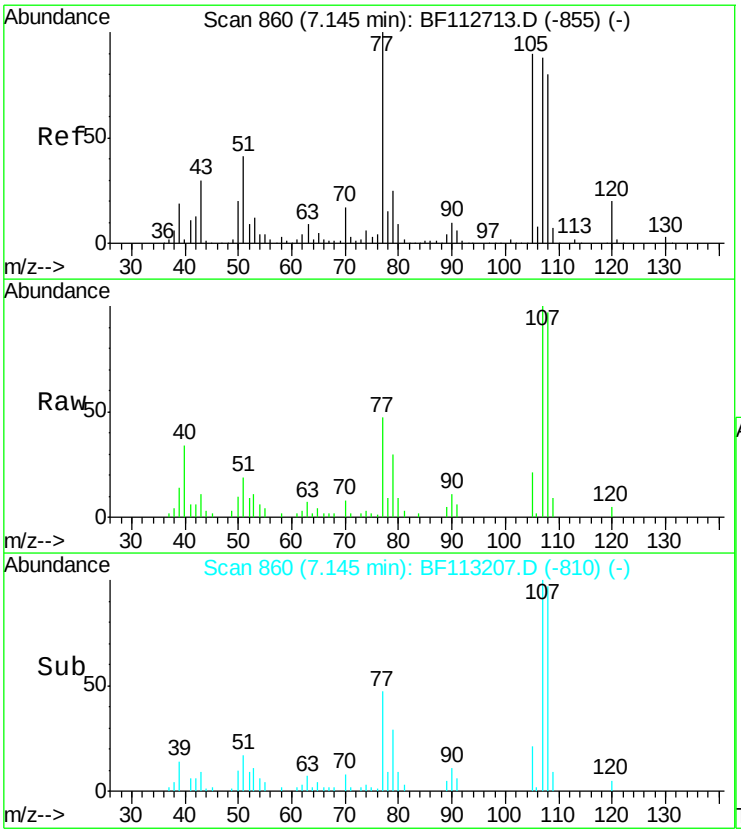

#19
n-Nitroso-di-n-propylamine
Concen: 3.097 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.03 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion: 70 Resp: 22964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 64.3 | 49.9 | 74.9 |
| 101 | 9.2 | 7.4 | 11.2 |
| 130 | 23.6 | 17.4 | 26.2 |

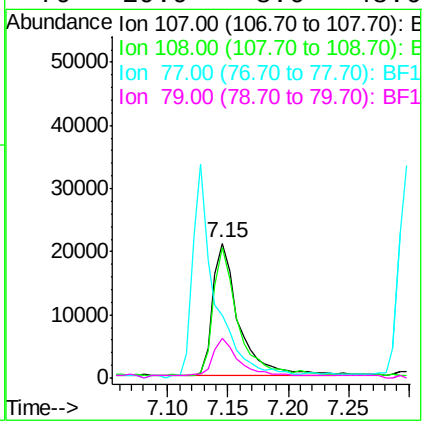


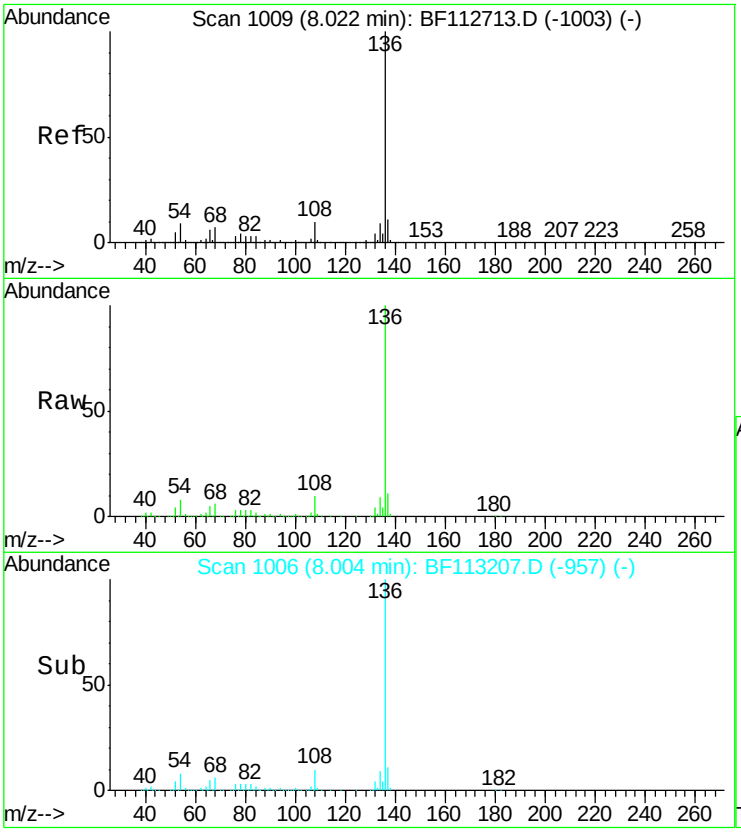




#20
3+4-Methylphenols
Concen: 3.328 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:107 Resp: 31623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 96.7 | 71.4 | 111.4 |
| 77 | 46.8 | 94.1 | 134.1# |
| 79 | 29.9 | 8.6 | 48.6 |



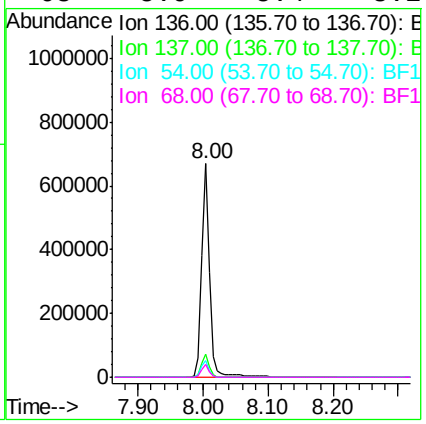


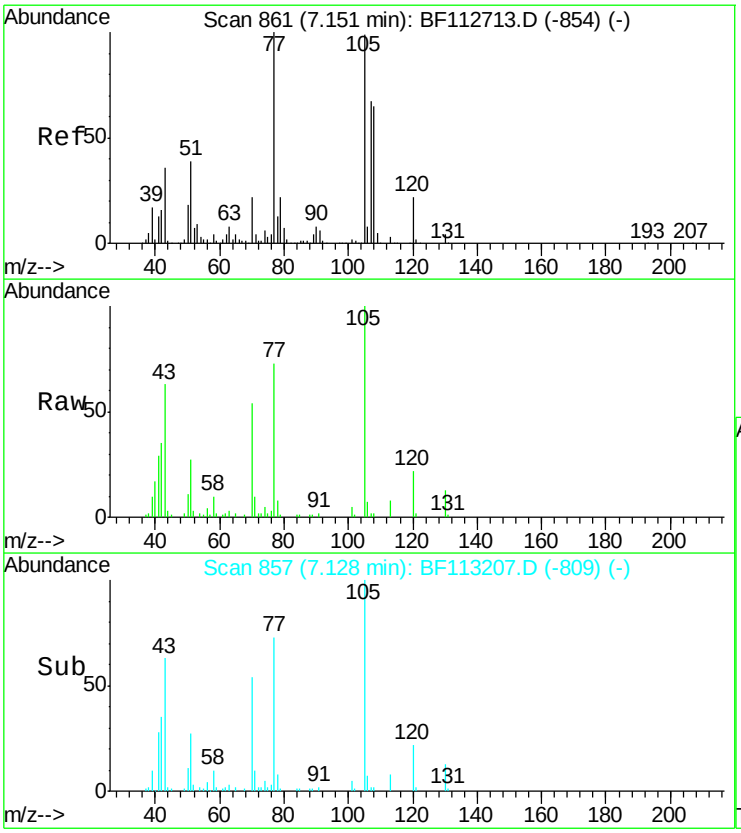

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:136 Resp: 572856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.9 | 13.3 |
| 54 | 8.0 | 7.3 | 10.9 |
| 68 | 5.9 | 5.4 | 8.2 |

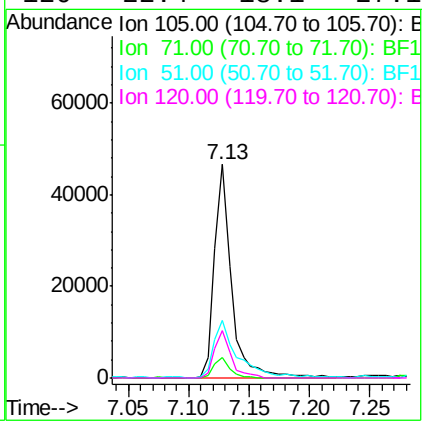


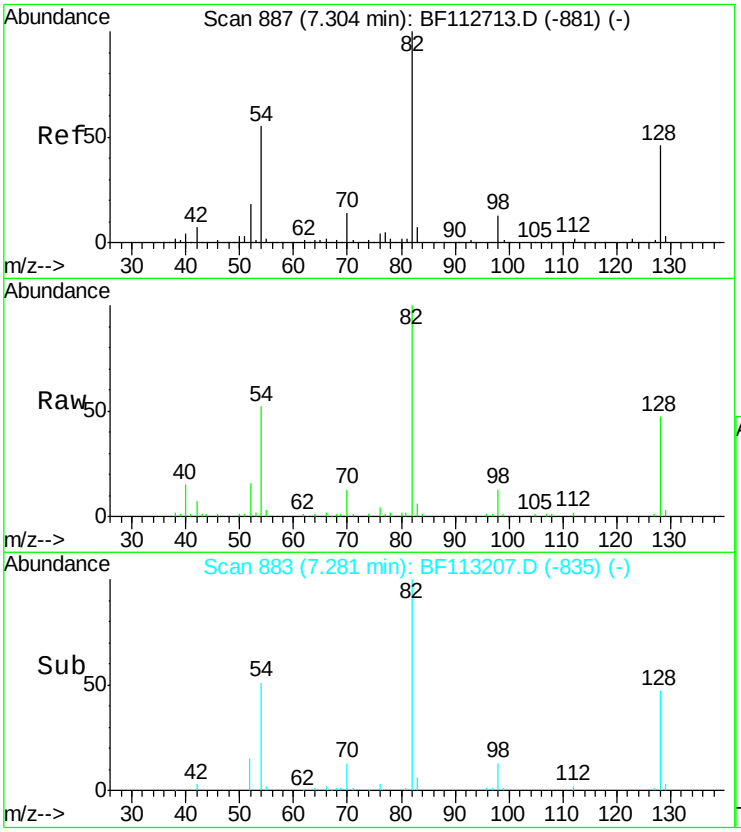




#22
Acetophenone
Concen: 3.393 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:105 Resp: 45448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 9.6 | 3.0 | 4.4# |
| 51 | 27.0 | 31.5 | 47.3# |
| 120 | 22.4 | 18.1 | 27.1 |



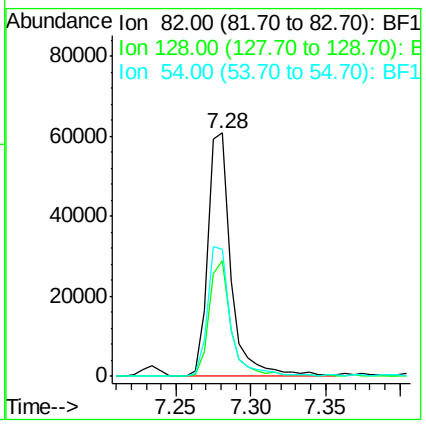


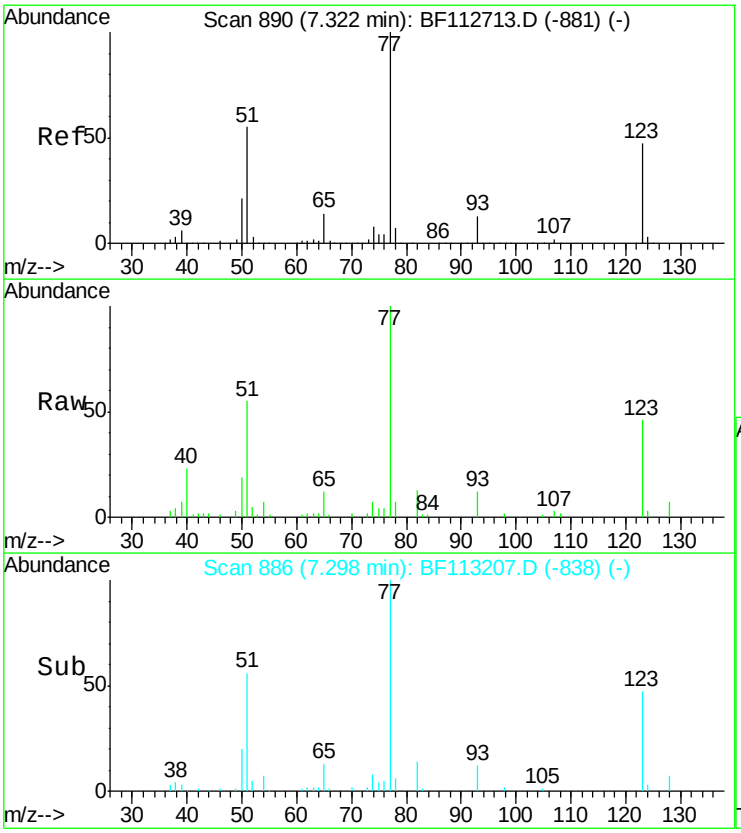

#23
Nitrobenzene-d5
Concen: 6.880 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion: 82 Resp: 65862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 47.3 | 36.3 | 54.5 |
| 54 | 52.1 | 43.7 | 65.5 |

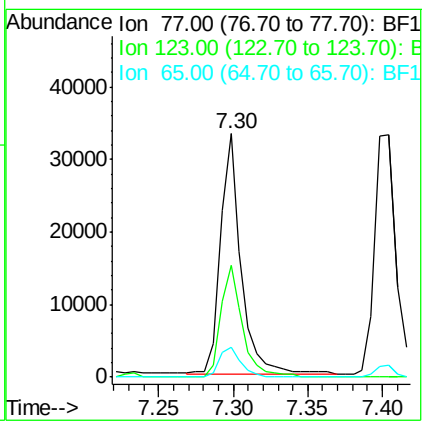


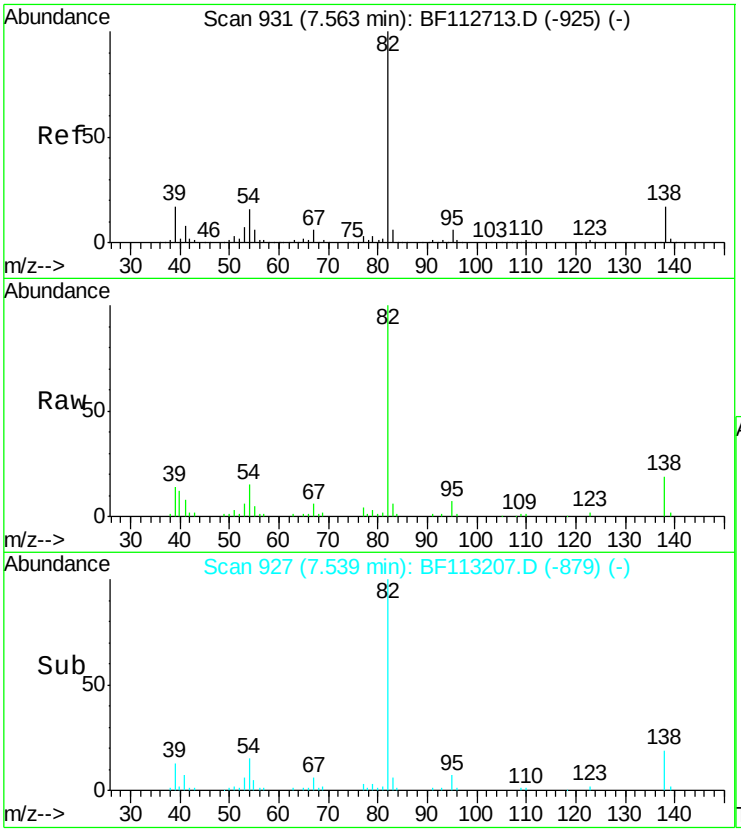




#24
Nitrobenzene
Concen: 2.989 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion: 77 Resp: 31853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 46.0 | 37.8 | 56.6 |
| 65 | 12.4 | 11.1 | 16.7 |



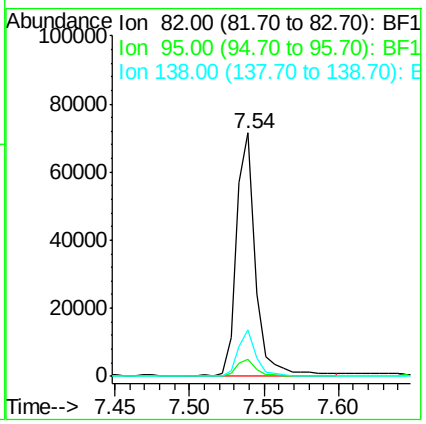


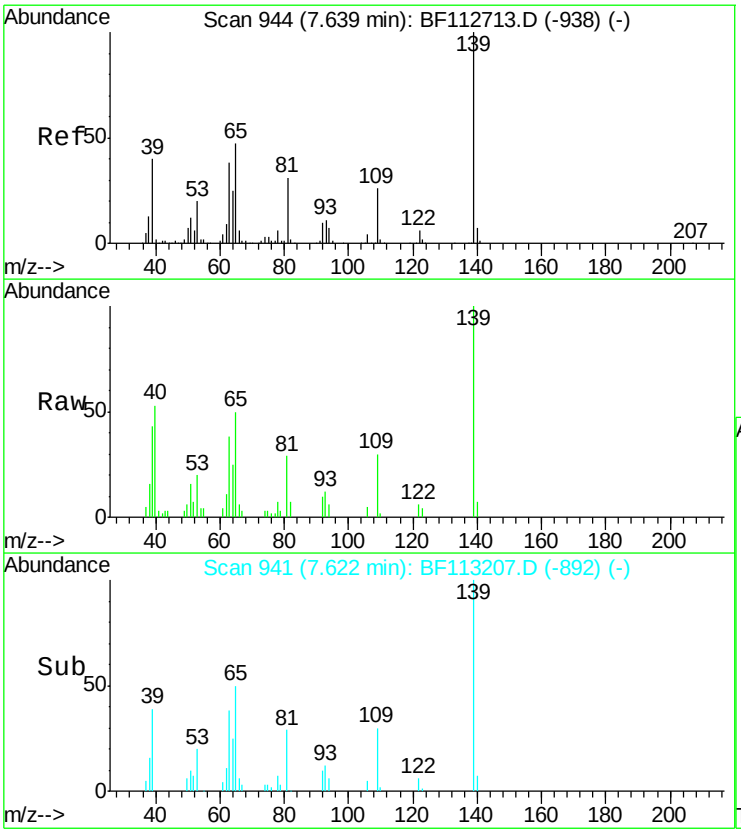

#25
Isophorone
Concen: 3.140 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.02 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion: 82 Resp: 64759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.2 | 5.2 | 7.8 |
| 138 | 19.2 | 13.8 | 20.8 |

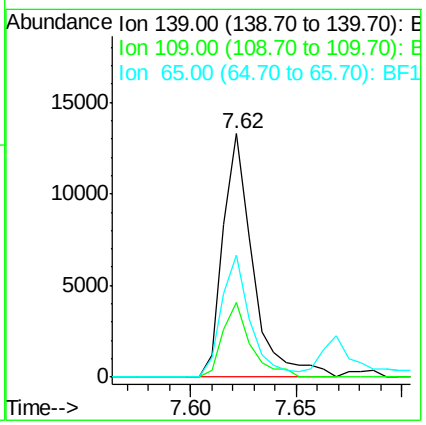


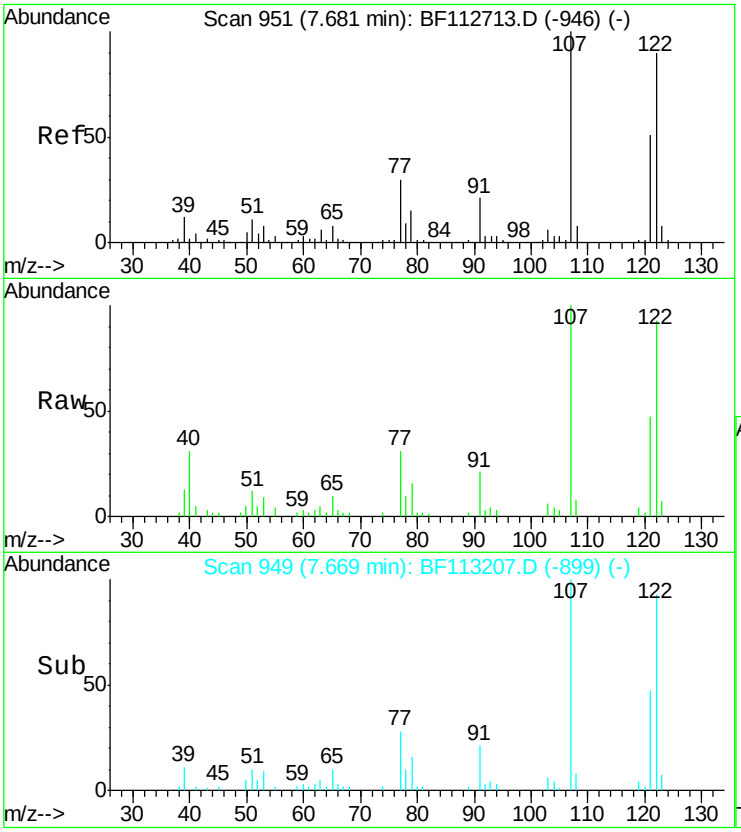




#26
2-Nitrophenol
Concen: 2.932 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:139 Resp: 13005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 30.5 | 20.6 | 31.0 |
| 65 | 50.3 | 37.9 | 56.9 |



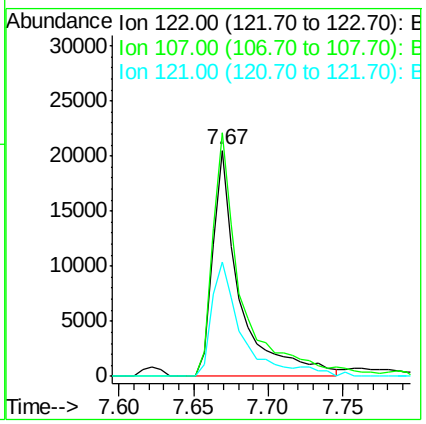


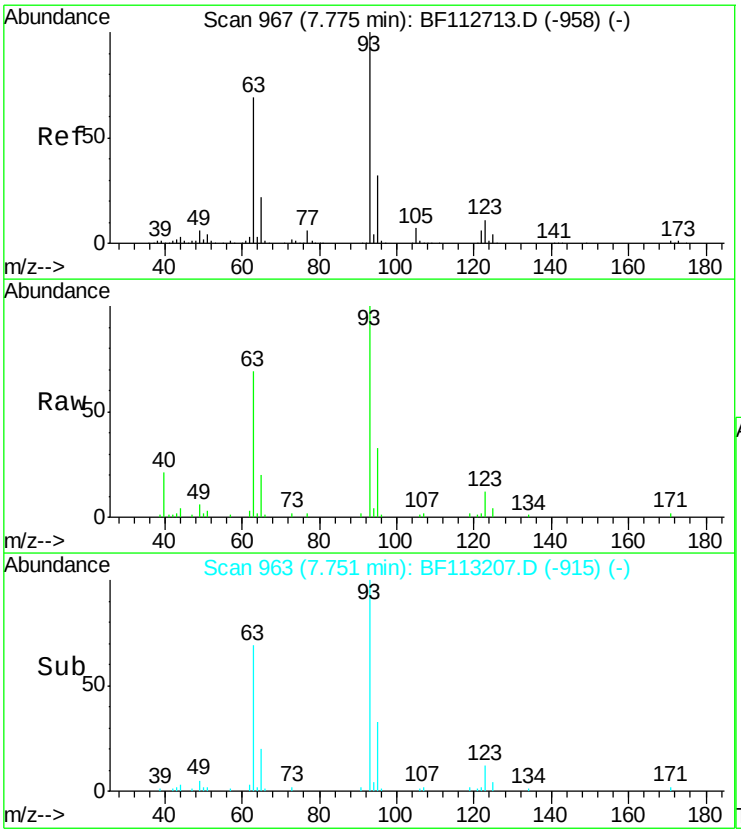

#27
2,4-Dimethylphenol
Concen: 3.150 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:122 Resp: 25997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 107.7 | 89.4 | 134.0 |
| 121 | 50.3 | 45.5 | 68.3 |

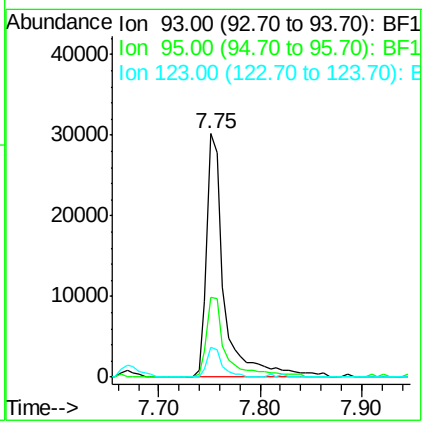


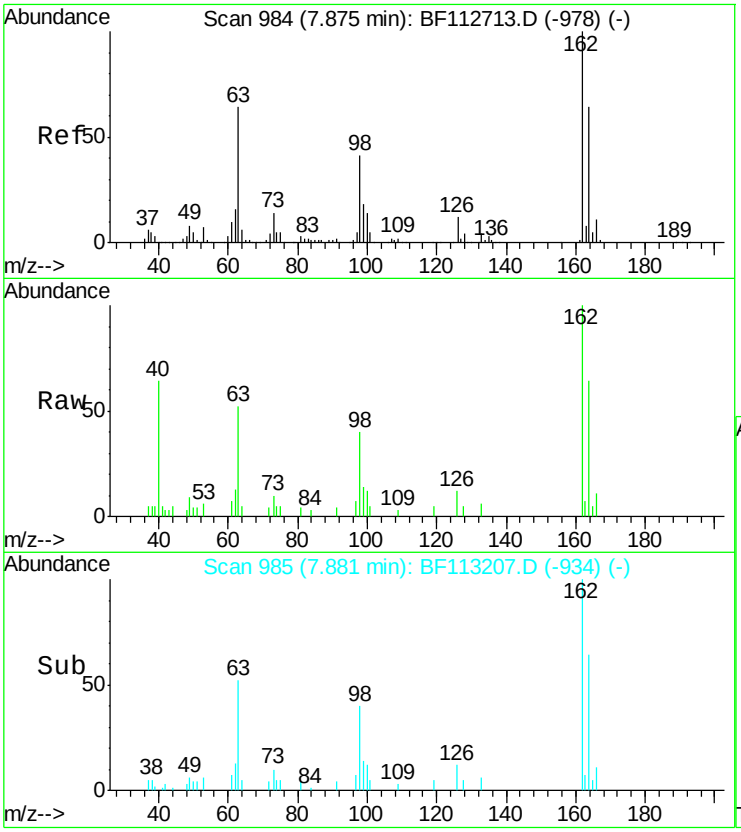




#28
bis(2-Chloroethoxy)methane
Concen: 2.840 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.02 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion: 93 Resp: 36624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.7 | 26.0 | 39.0 |
| 123 | 12.2 | 9.3 | 13.9 |



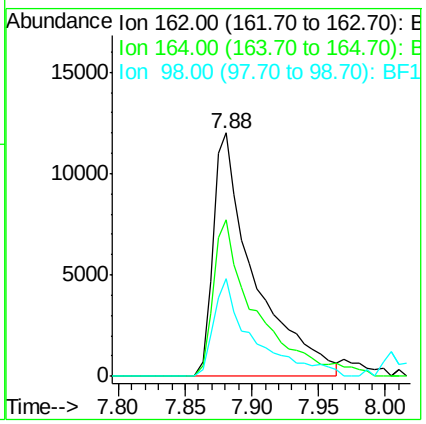


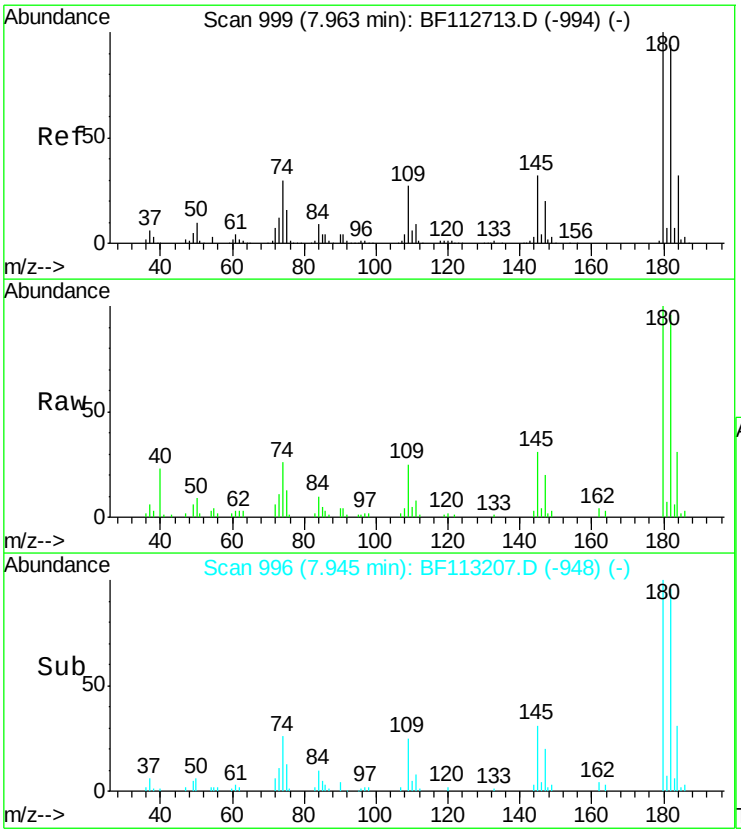

#29
2,4-Dichlorophenol
Concen: 3.241 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:162 Resp: 25937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.2 | 44.0 | 84.0 |
| 98 | 39.9 | 20.7 | 60.7 |

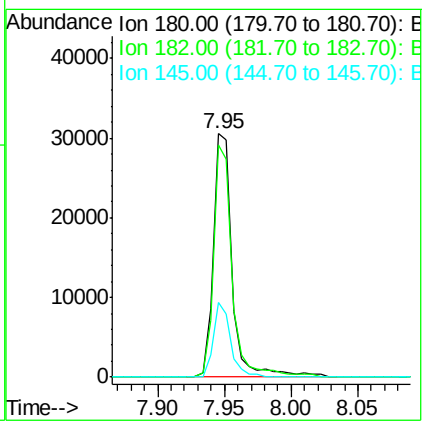


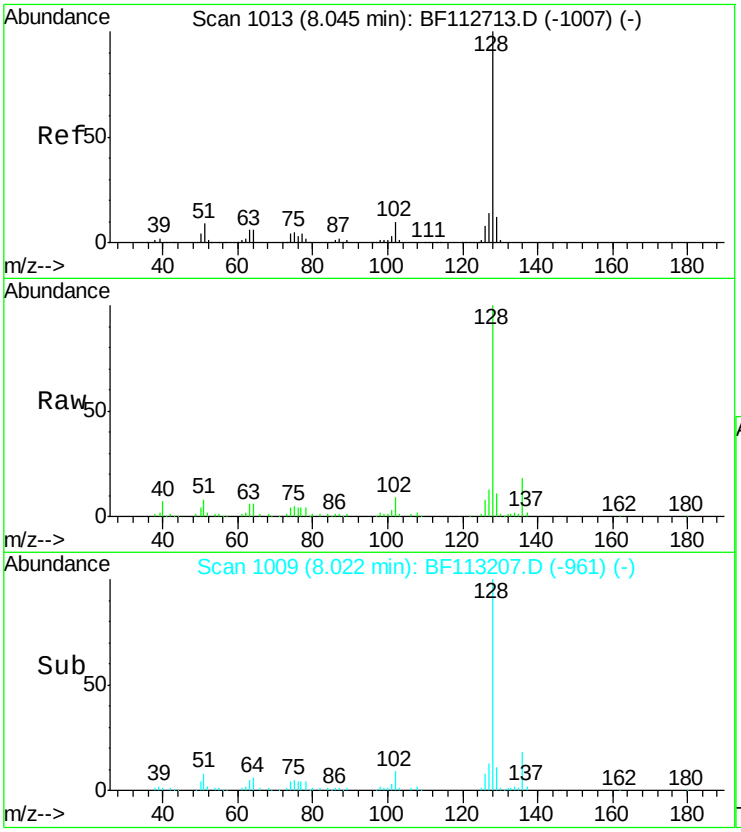




#30
1,2,4-Trichlorobenzene
Concen: 3.560 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.02 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:180 Resp: 30608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.5 | 75.2 | 112.8 |
| 145 | 30.8 | 25.4 | 38.0 |



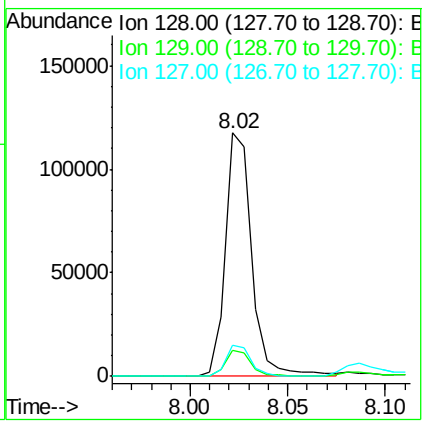


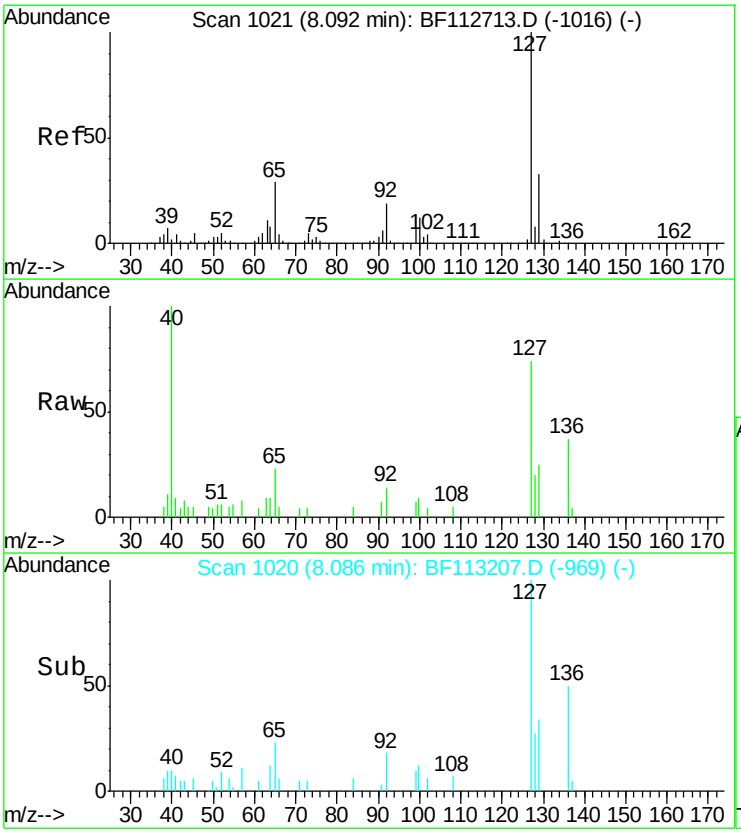

#31
Naphthalene
Concen: 3.877 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:128 Resp: 110256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.9 | 9.3 | 13.9 |
| 127 | 13.0 | 10.9 | 16.3 |

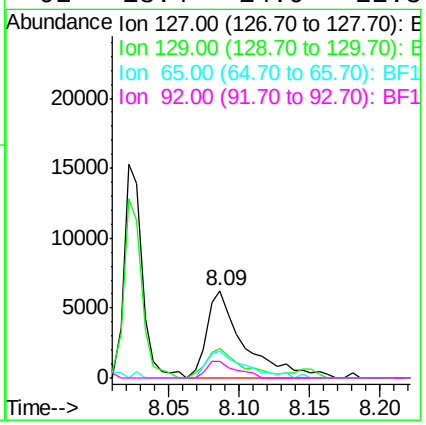


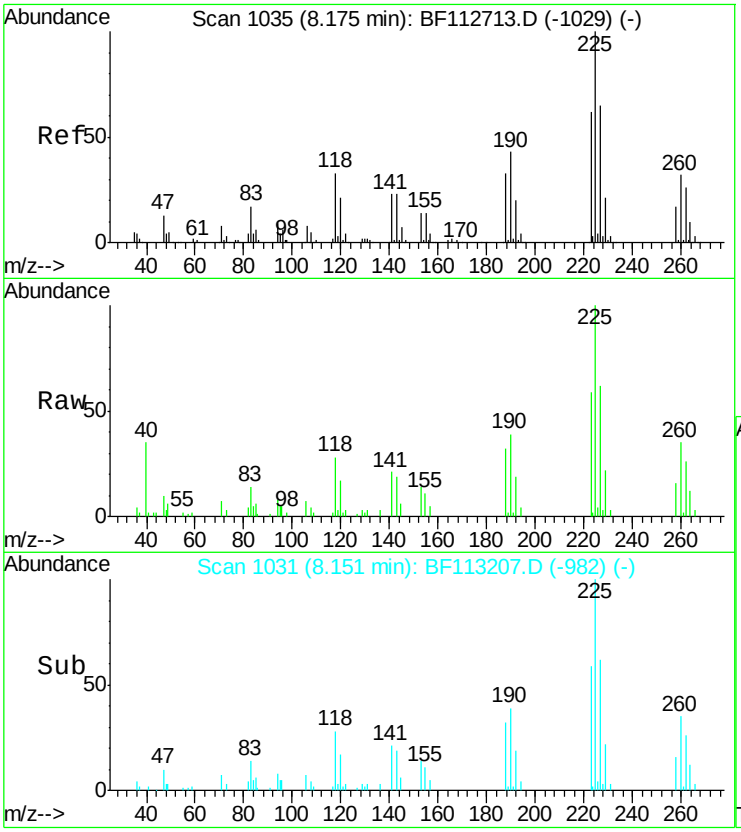




#33
4-Chloroaniline
Concen: 0.950 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:127 Resp: 11438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 33.6 | 26.4 | 39.6 |
| 65 | 31.4 | 23.1 | 34.7 |
| 92 | 18.4 | 14.9 | 22.3 |



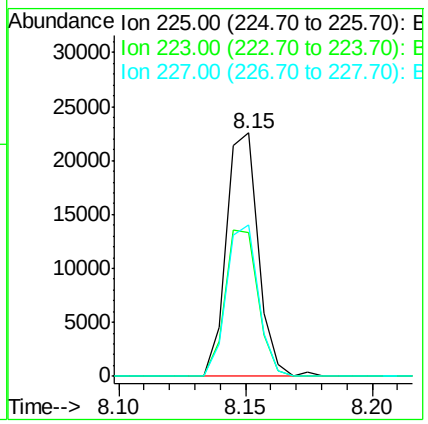


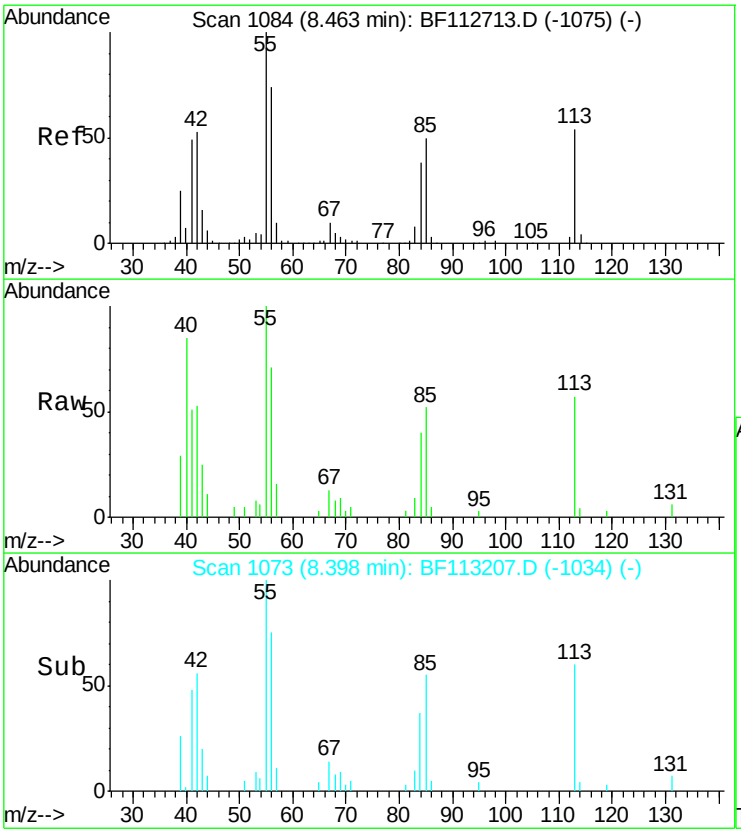

#34
Hexachlorobutadiene
Concen: 4.062 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:225 Resp: 19698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 59.0 | 49.7 | 74.5 |
| 227 | 62.3 | 52.1 | 78.1 |

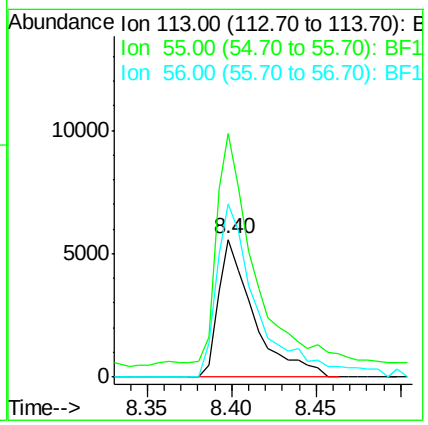


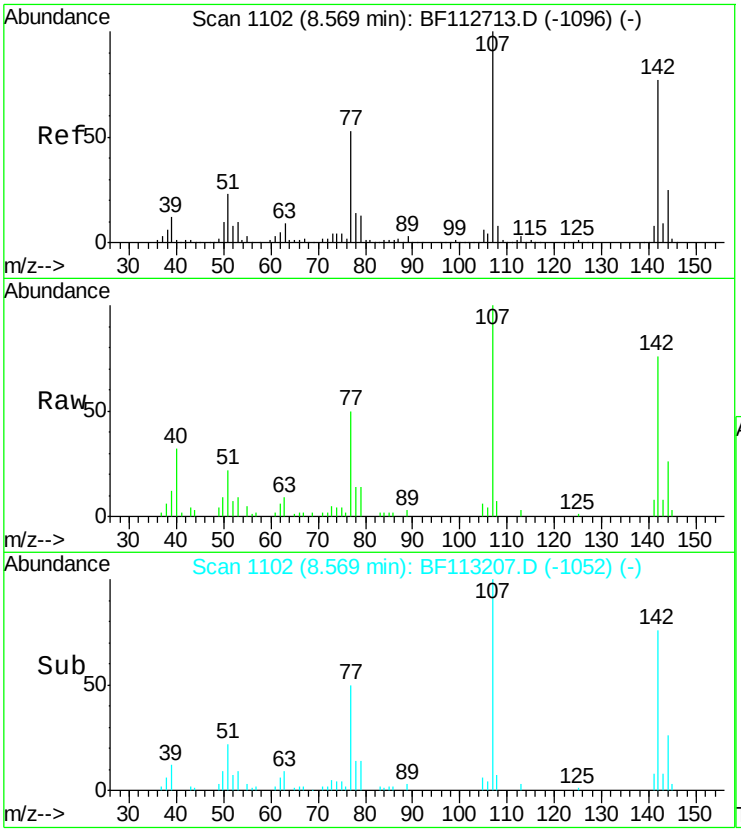




#35
Caprolactam
Concen: 2.903 ng
RT: 8.40 min Scan# 1073
Delta R.T. -0.07 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:113 Resp: 8181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 176.5 | 163.5 | 203.5 |
| 56 | 125.5 | 115.3 | 155.3 |



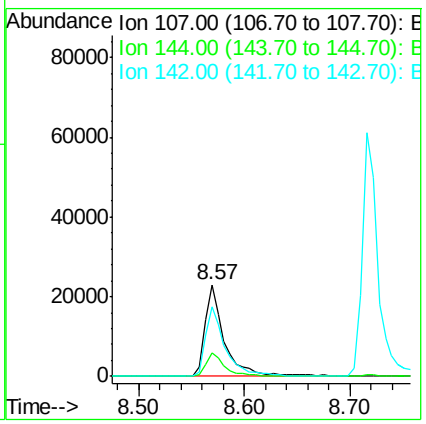


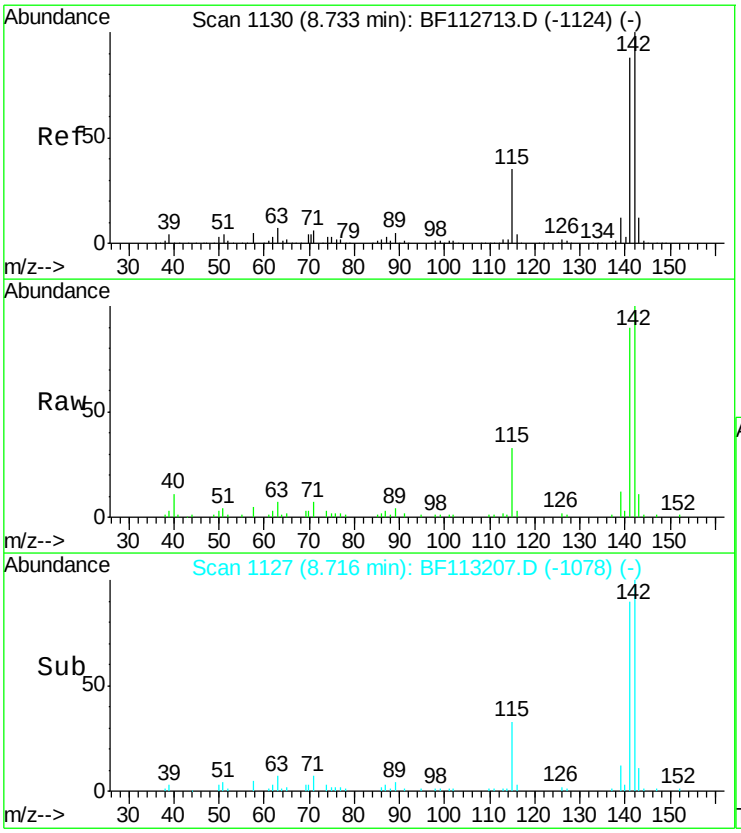

#36
4-Chloro-3-methylphenol
Concen: 3.298 ng
RT: 8.57 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:107 Resp: 29204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.8 | 20.1 | 30.1 |
| 142 | 75.9 | 61.9 | 92.9 |

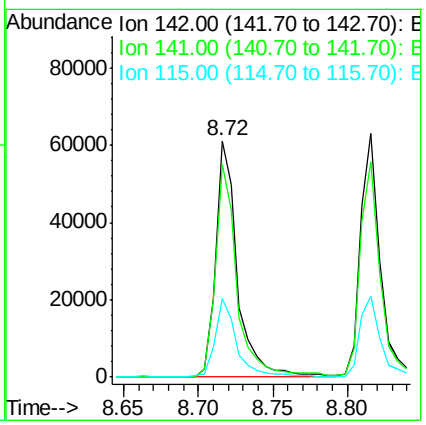


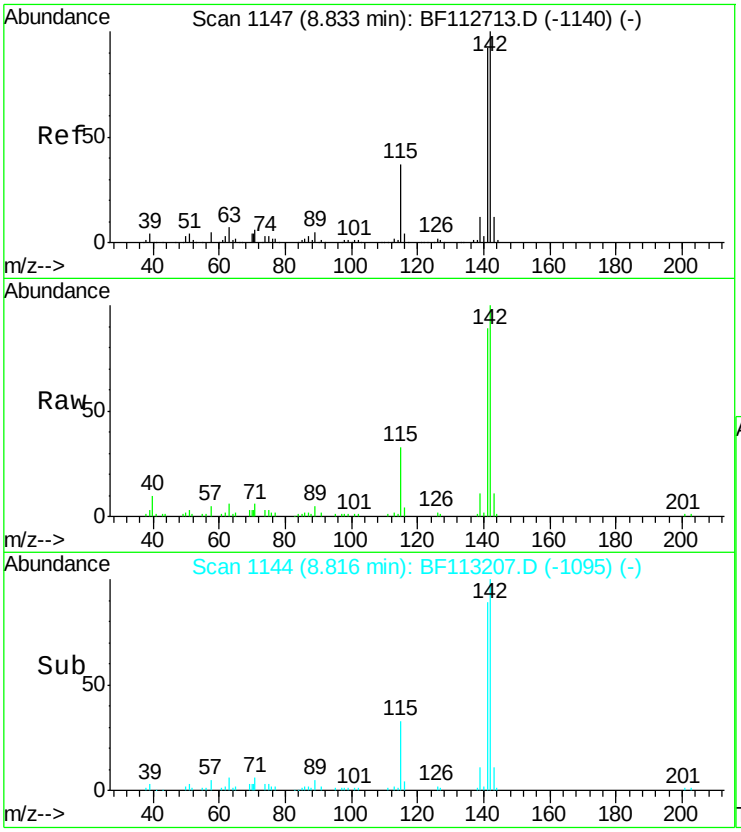




#37
2-Methylnaphthalene
Concen: 3.396 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:142 Resp: 62377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.2 | 70.3 | 105.5 |
| 115 | 33.4 | 27.8 | 41.6 |



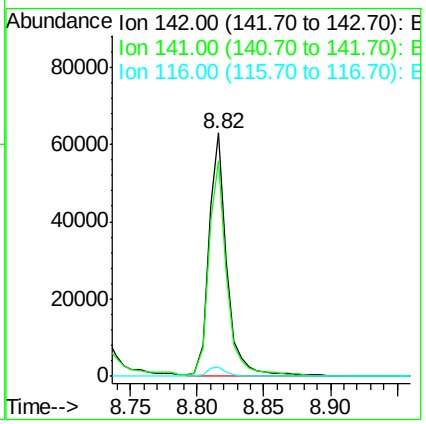


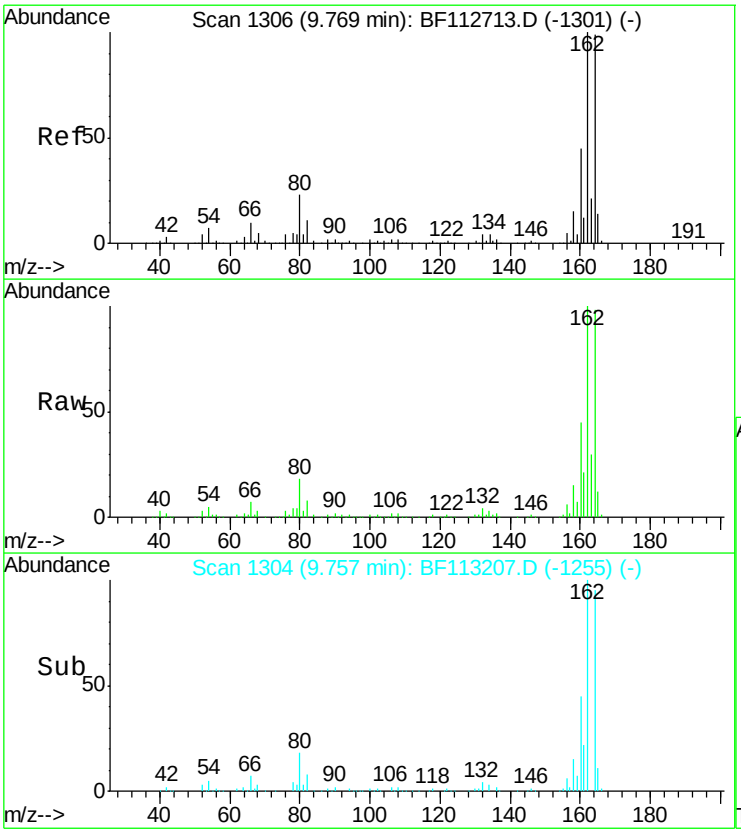

#38
1-Methylnaphthalene
Concen: 3.343 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:142 Resp: 59480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.7 | 73.7 | 110.5 |
| 116 | 3.7 | 3.1 | 4.7 |

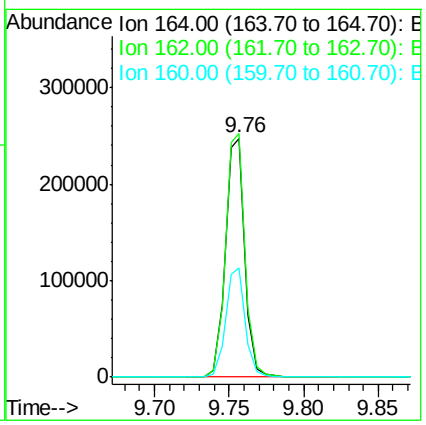


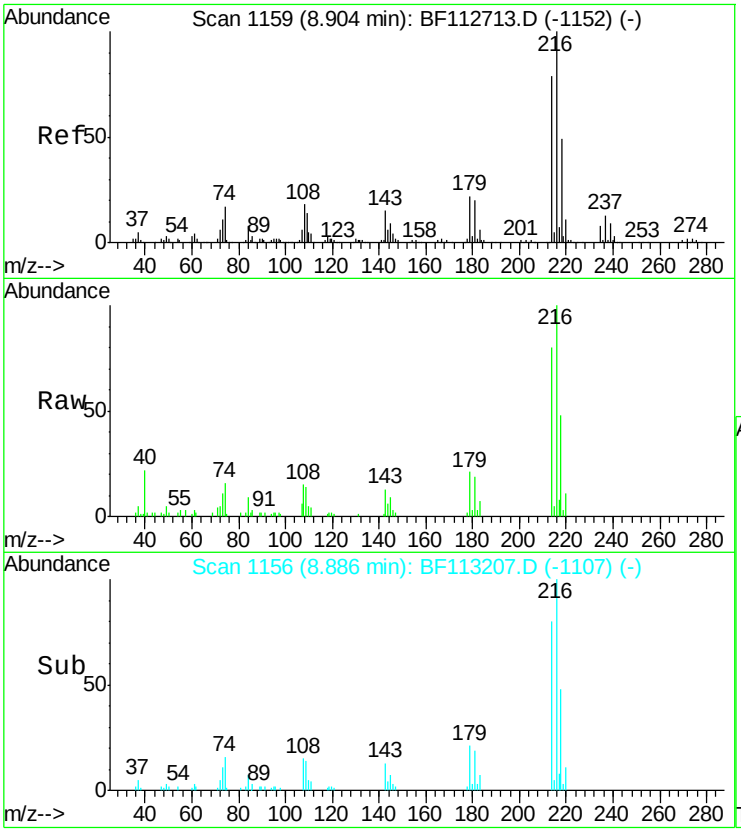




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:164 Resp: 228466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.1 | 80.6 | 120.8 |
| 160 | 46.0 | 36.0 | 54.0 |



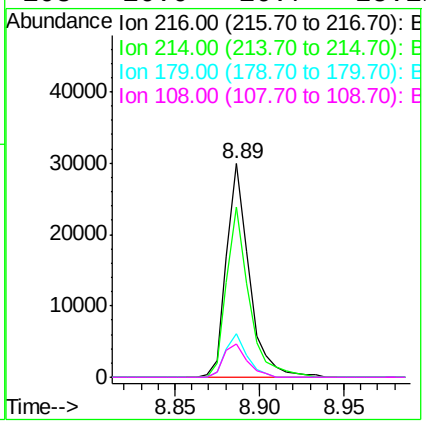


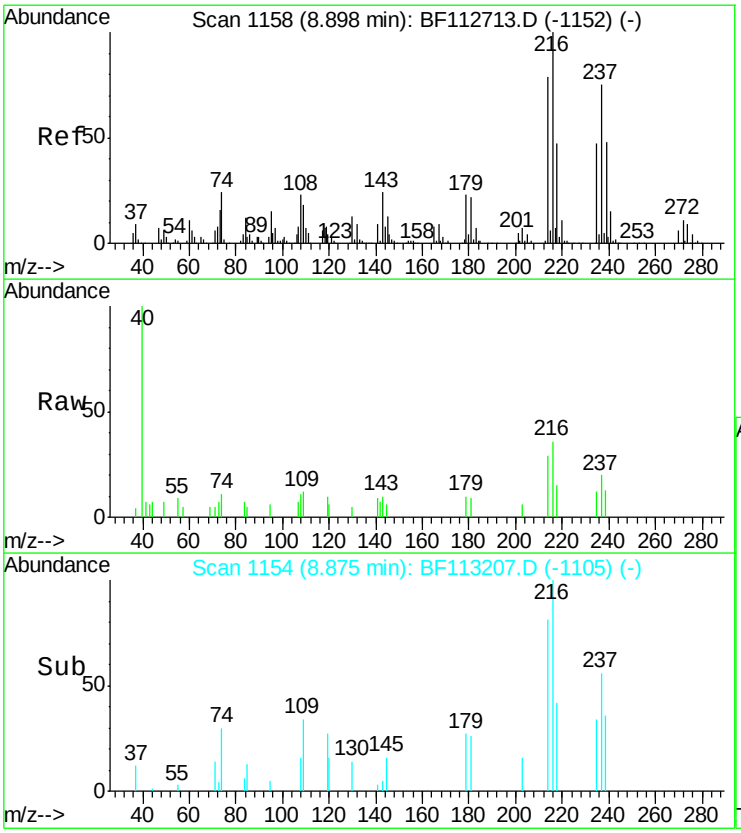

#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.223 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:216 Resp: 28136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.5 | 63.2 | 94.8 |
| 179 | 19.5 | 17.5 | 26.3 |
| 108 | 16.0 | 16.7 | 25.1# |

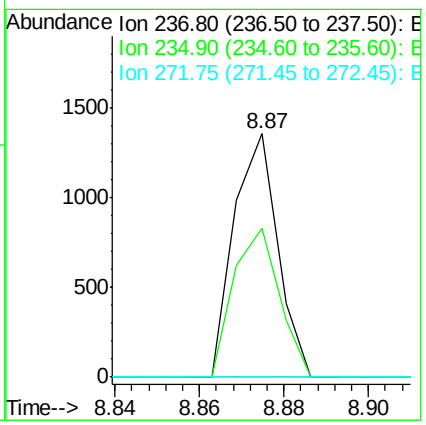


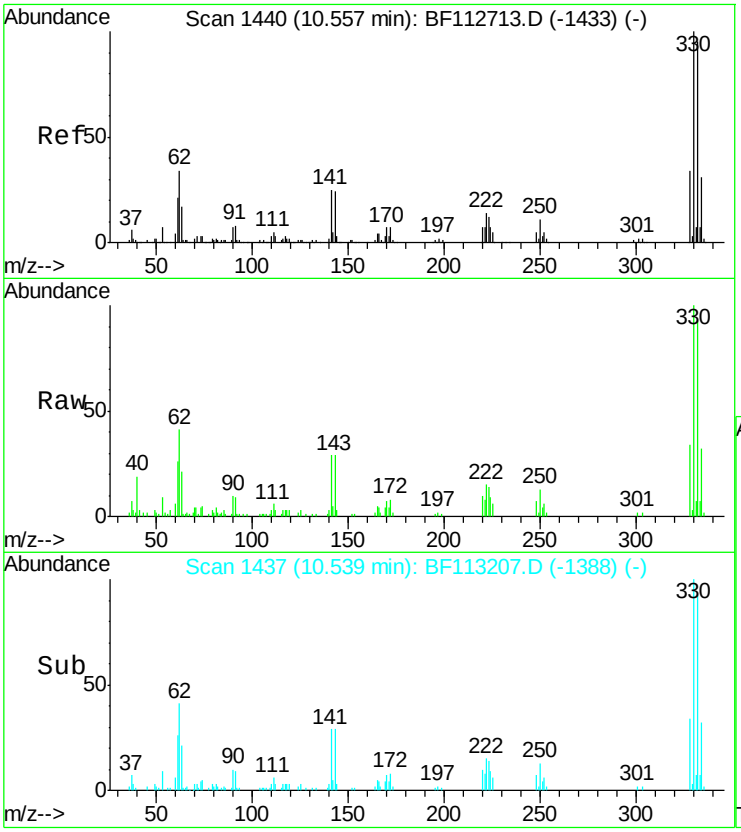




#41
Hexachlorocyclopentadiene
Concen: 0.266 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:237 Resp: 971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 61.4 | 42.2 | 82.2 |
| 272 | 0.0 | 0.0 | 34.0 |



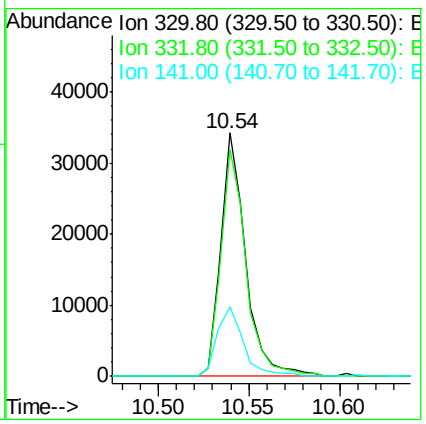


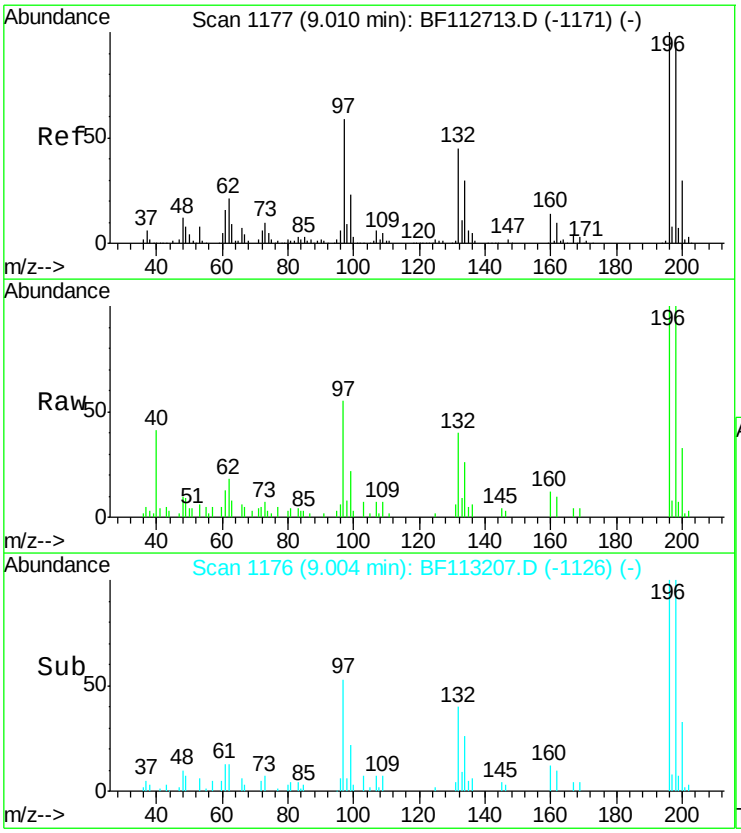

#42
2,4,6-Tribromophenol
Concen: 13.414 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:330 Resp: 32535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.8 | 76.2 | 114.4 |
| 141 | 30.1 | 27.0 | 40.6 |

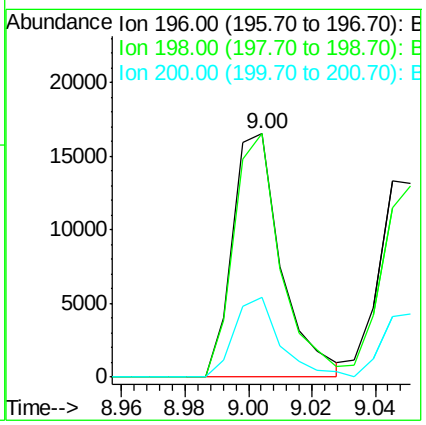


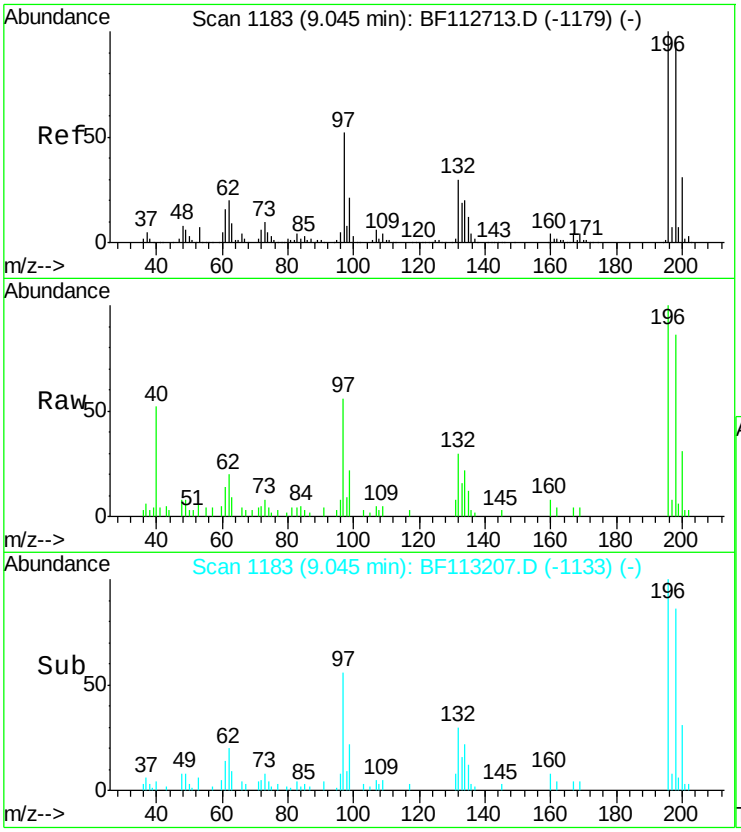




#43
2,4,6-Trichlorophenol
Concen: 3.834 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:196 Resp: 17581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 99.8 | 75.8 | 113.8 |
| 200 | 32.6 | 24.3 | 36.5 |



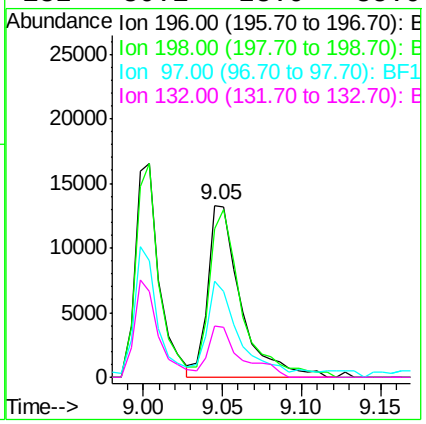


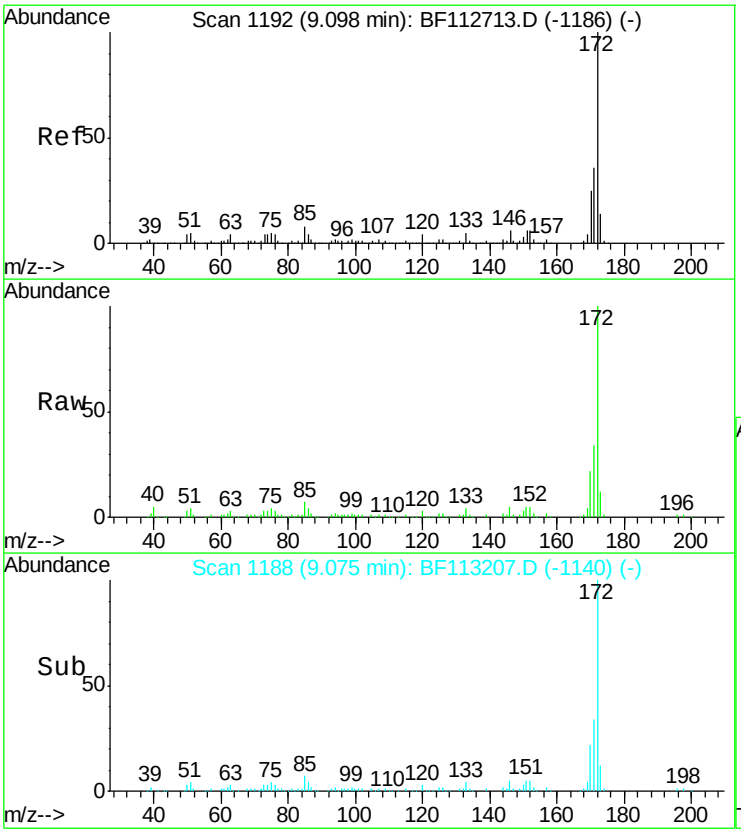

#44
2,4,5-Trichlorophenol
Concen: 3.892 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:196 Resp: 19290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 86.3 | 76.2 | 114.2 |
| 97 | 55.9 | 41.5 | 62.3 |
| 132 | 30.1 | 23.9 | 35.9 |

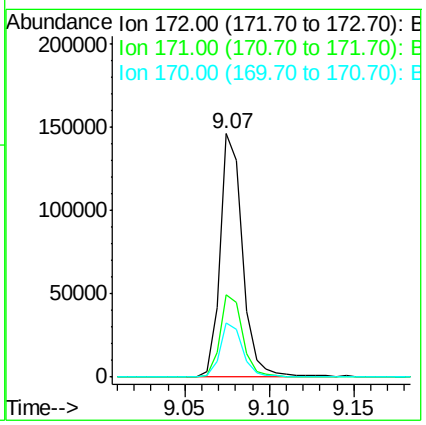


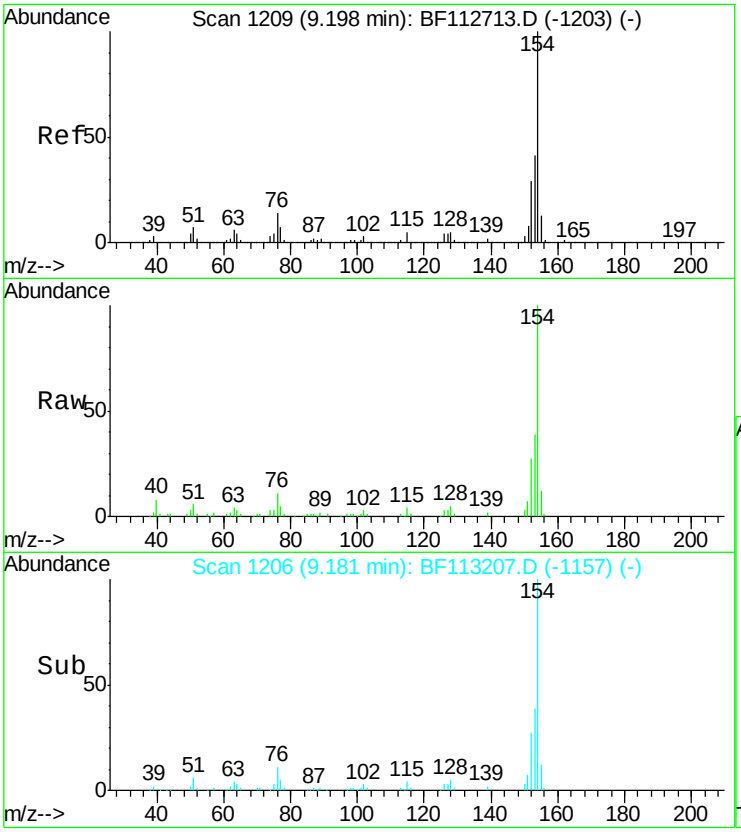




#45
2-Fluorobiphenyl
Concen: 6.633 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:172 Resp: 135758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 33.9 | 29.0 | 43.4 |
| 170 | 22.5 | 20.0 | 30.0 |



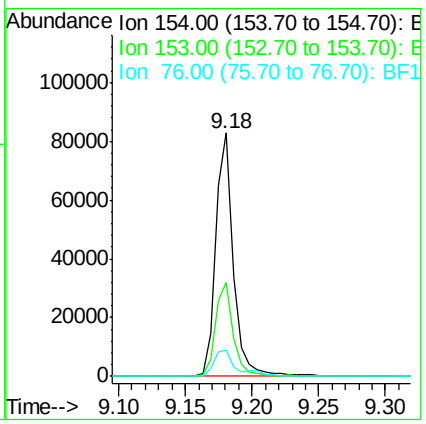


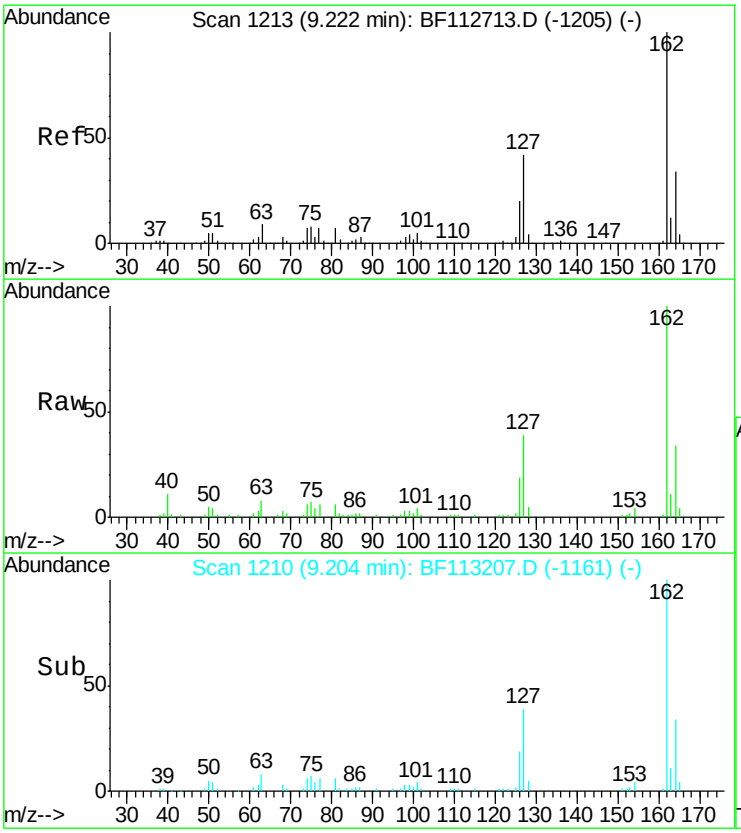

#46
1,1'-Biphenyl
Concen: 4.138 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:154 Resp: 77105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 38.8 | 20.8 | 60.8 |
| 76 | 10.8 | 0.0 | 33.8 |

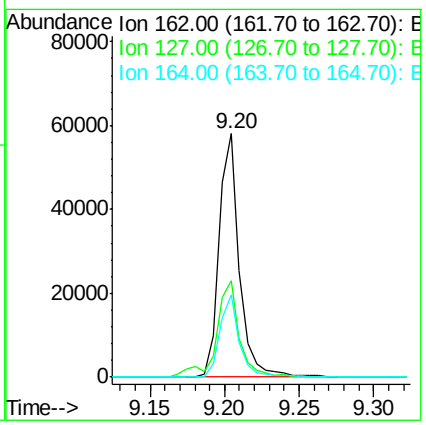


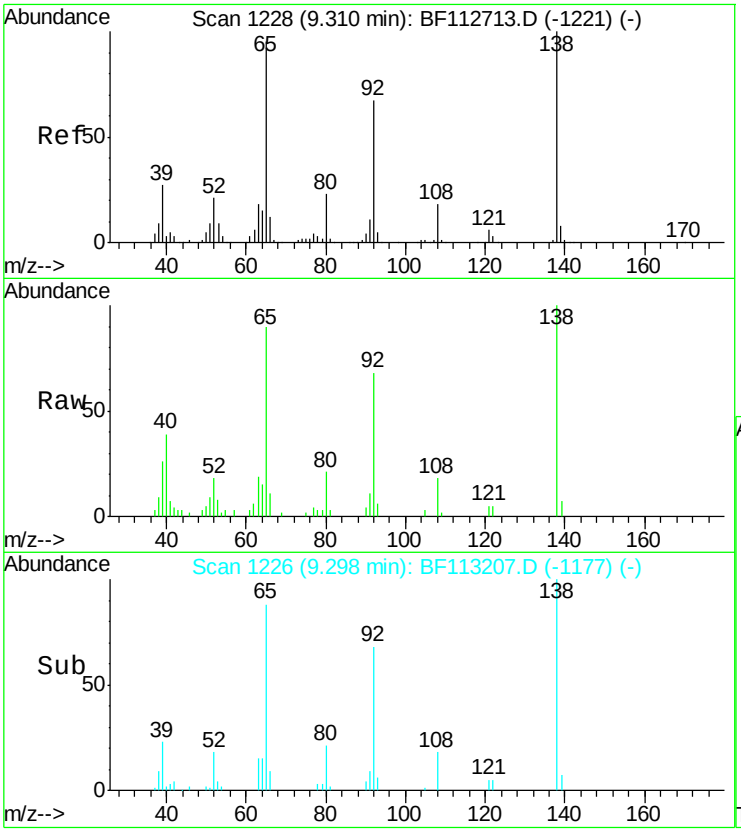




#47
2-Chloronaphthalene
Concen: 3.825 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:162 Resp: 55664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 39.4 | 33.4 | 50.2 |
| 164 | 33.7 | 26.9 | 40.3 |



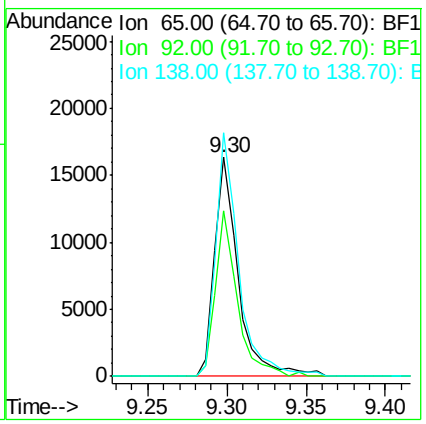


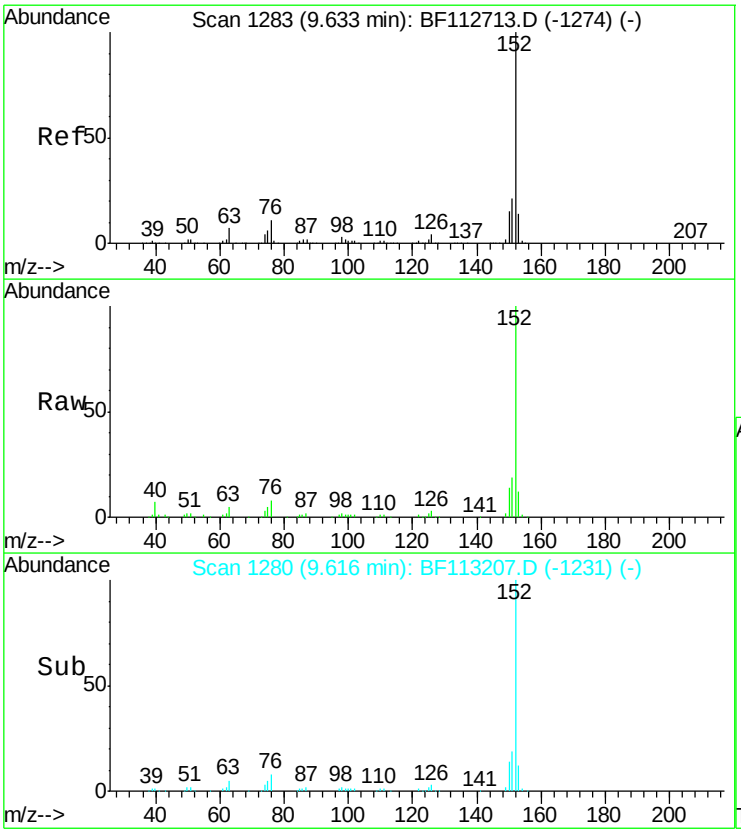

#48
2-Nitroaniline
Concen: 3.836 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion: 65 Resp: 16964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 75.6 | 56.4 | 84.6 |
| 138 | 111.1 | 84.6 | 126.8 |

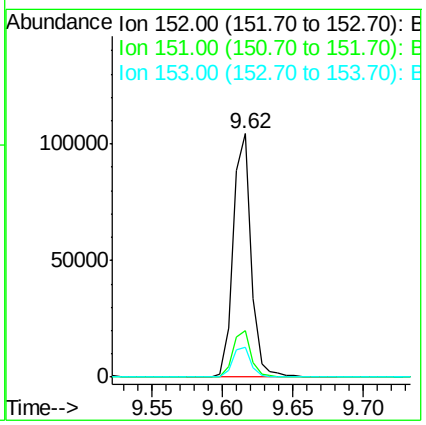


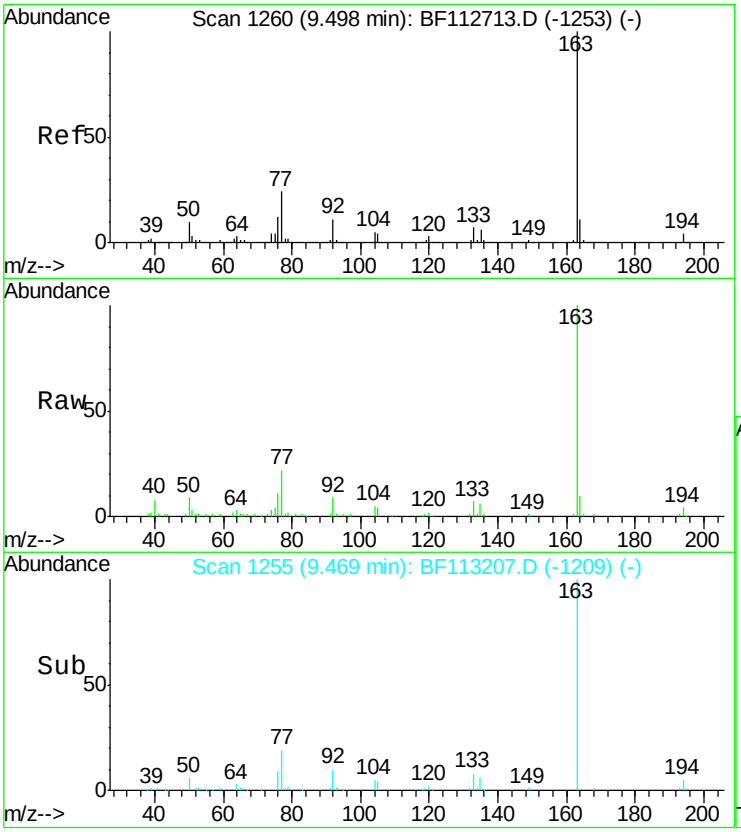




#49
Acenaphthylene
Concen: 3.748 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:152 Resp: 92594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.1 | 16.9 | 25.3 |
| 153 | 12.5 | 11.0 | 16.6 |



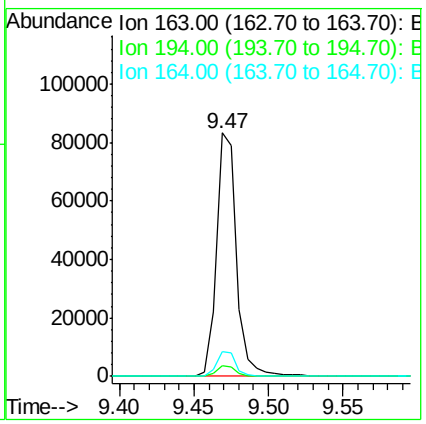


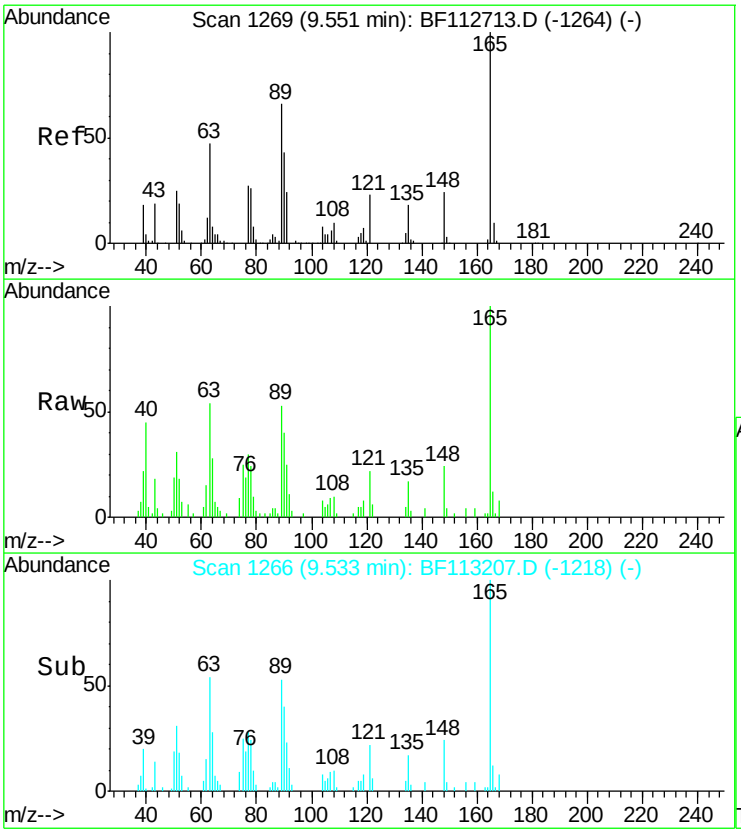

#50
Dimethylphthalate
Concen: 4.640 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.03 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:163 Resp: 78159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 3.0 | 4.4 |
| 164 | 10.0 | 8.4 | 12.6 |

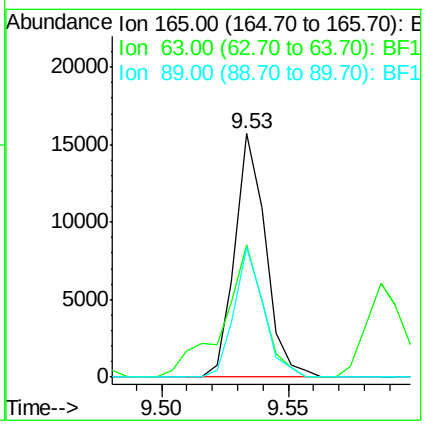


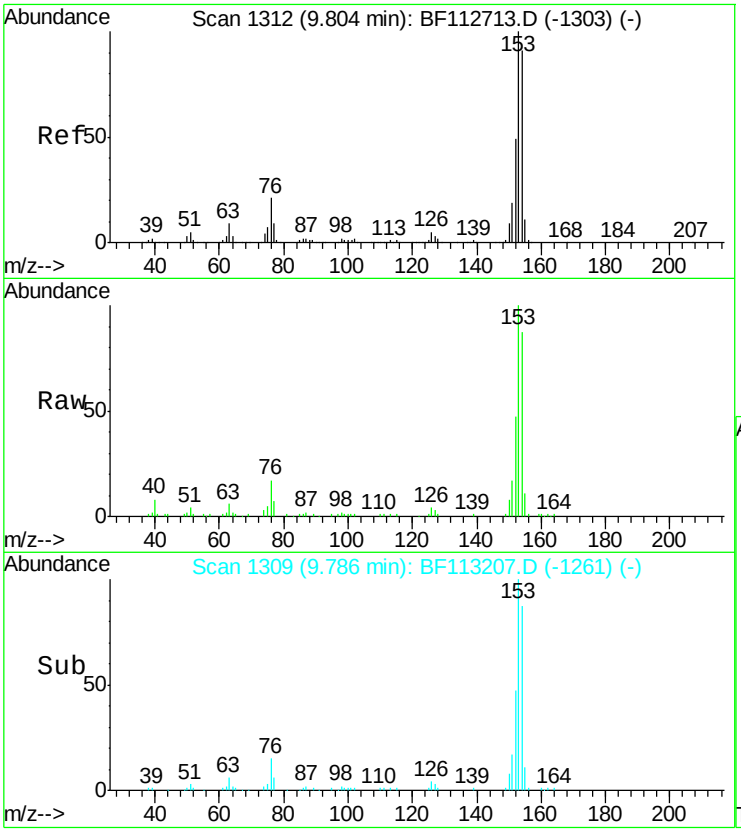




#51
2,6-Dinitrotoluene
Concen: 3.782 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:165 Resp: 13267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 54.1 | 54.1 | 81.1 |
| 89 | 53.2 | 52.8 | 79.2 |



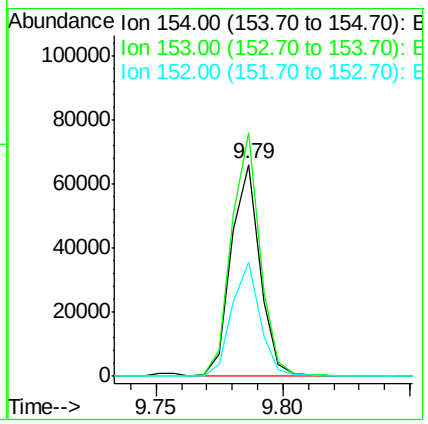


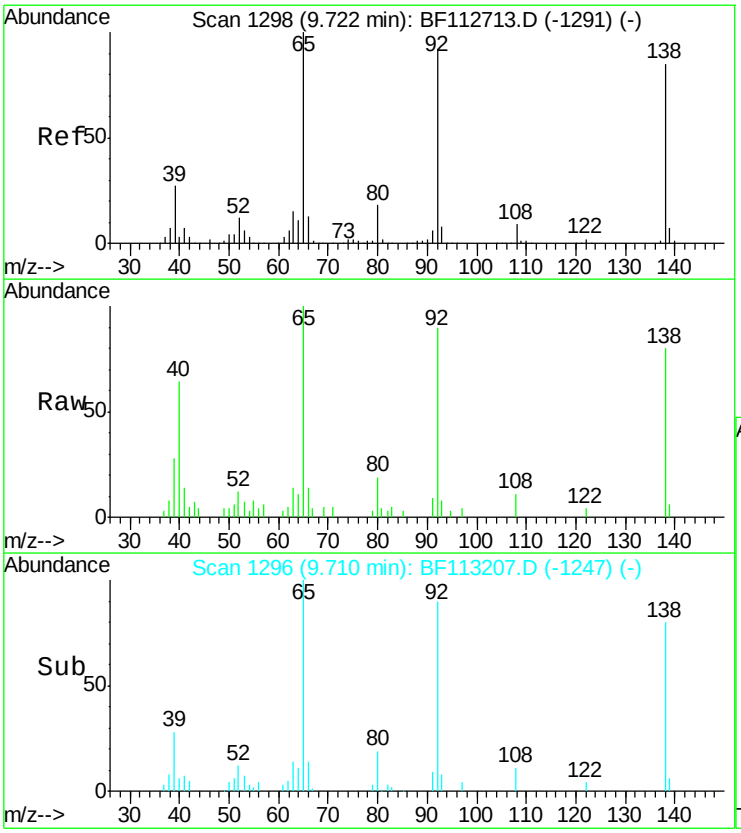

#52
Acenaphthene
Concen: 3.603 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:154 Resp: 52041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.7 | 87.8 | 131.8 |
| 152 | 54.0 | 43.0 | 64.6 |

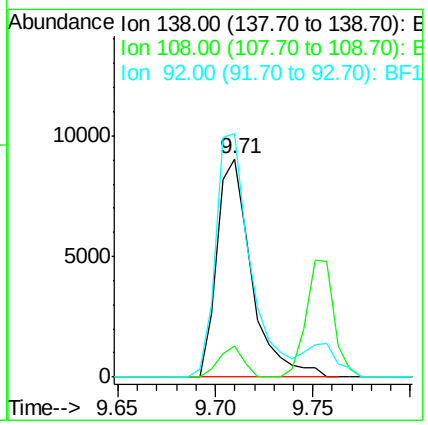


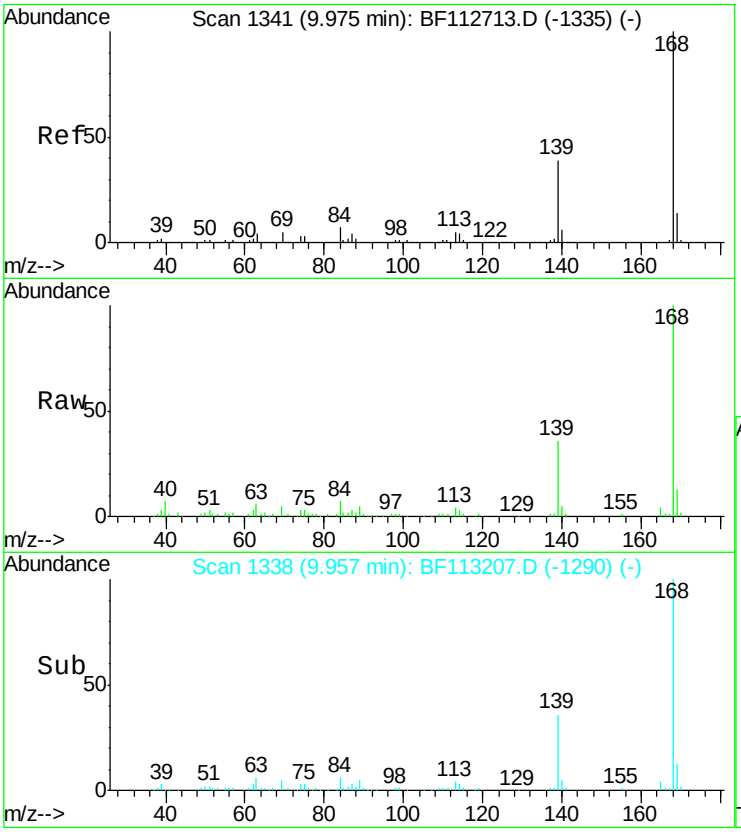




#53
3-Nitroaniline
Concen: 2.595 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:138 Resp: 11092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 14.0 | 8.6 | 13.0# |
| 92 | 111.6 | 86.6 | 129.8 |



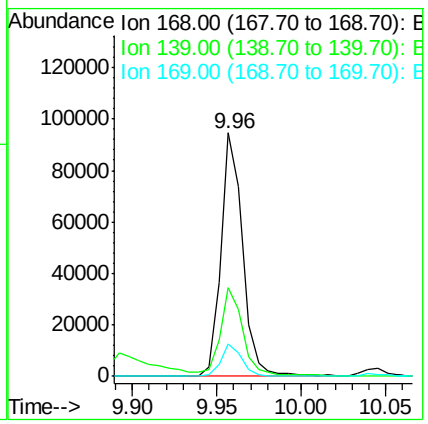


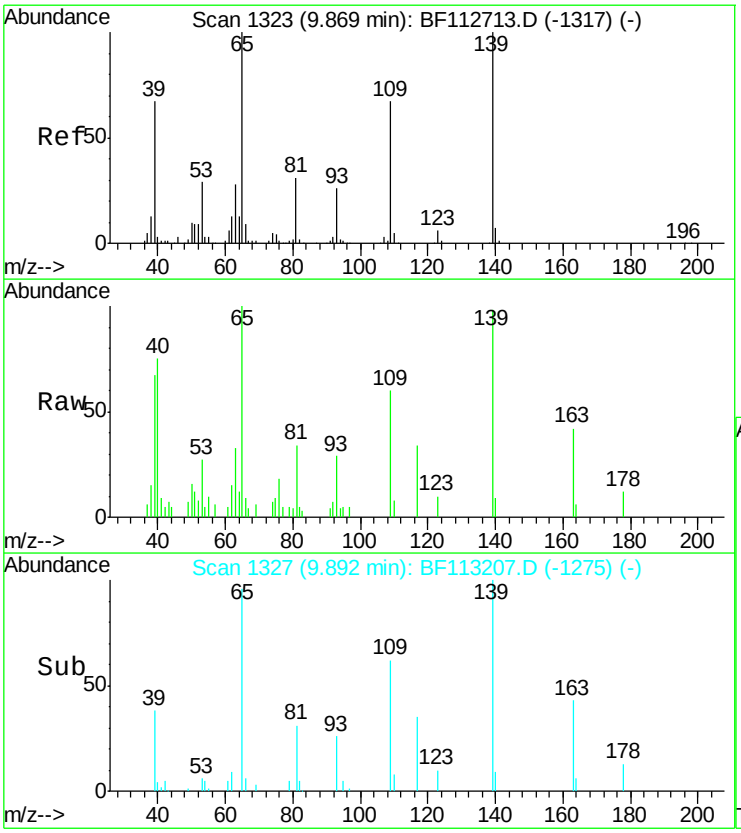

#55
Dibenzofuran
Concen: 4.038 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:168 Resp: 84771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.2 | 31.3 | 46.9 |
| 169 | 13.2 | 11.3 | 16.9 |

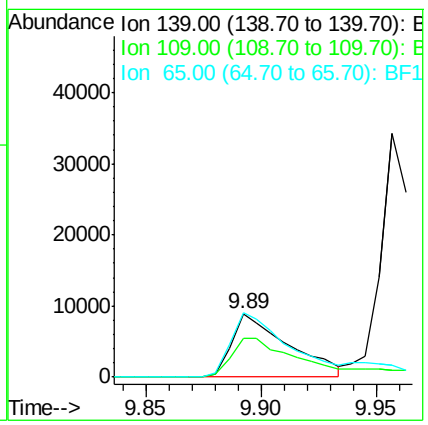


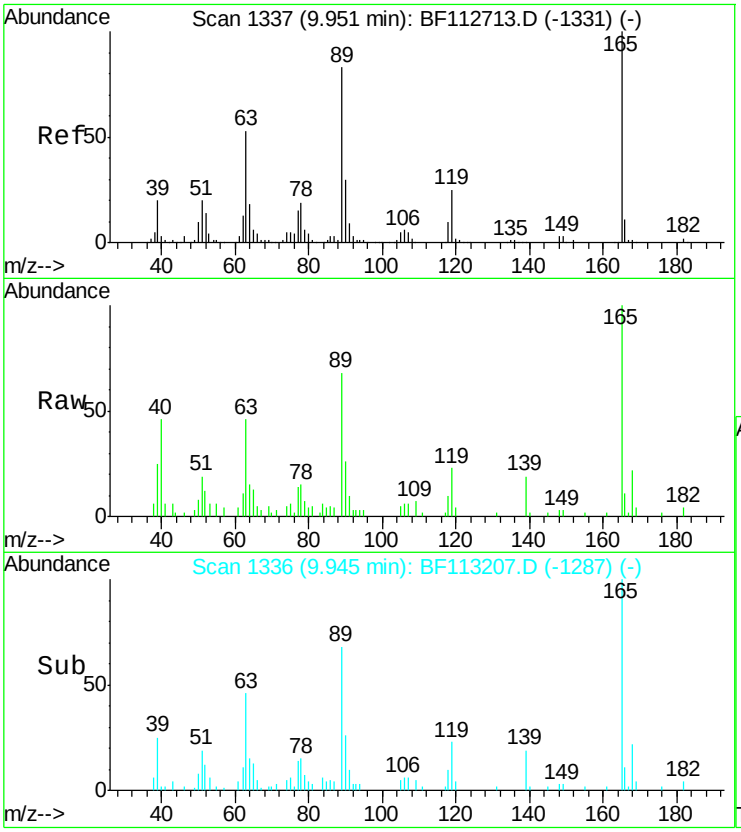




#56
4-Nitrophenol
Concen: 4.369 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:139 Resp: 15177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 61.7 | 46.8 | 86.8 |
| 65 | 102.4 | 80.7 | 120.7 |



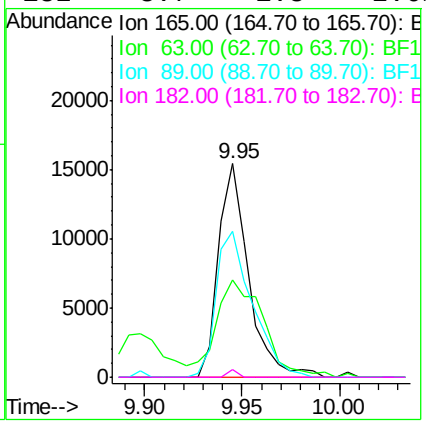


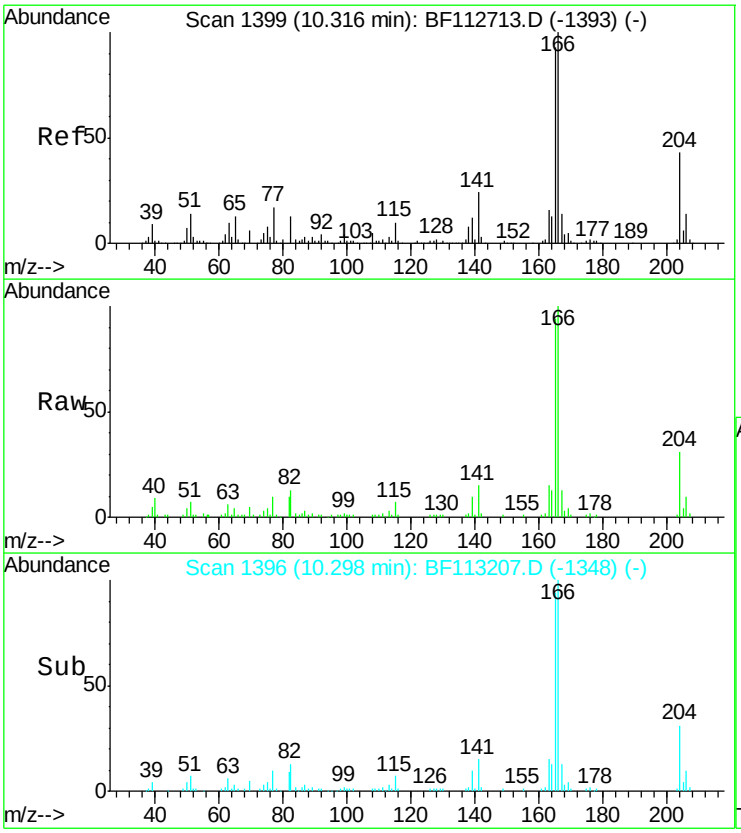

#57
2,4-Dinitrotoluene
Concen: 3.793 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:165 Resp: 16541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 45.9 | 42.2 | 63.2 |
| 89 | 68.4 | 66.2 | 99.4 |
| 182 | 3.7 | 1.8 | 2.6# |

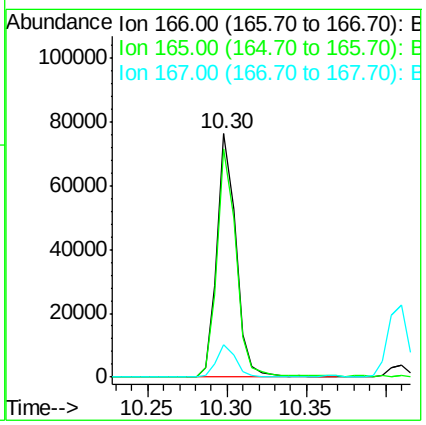


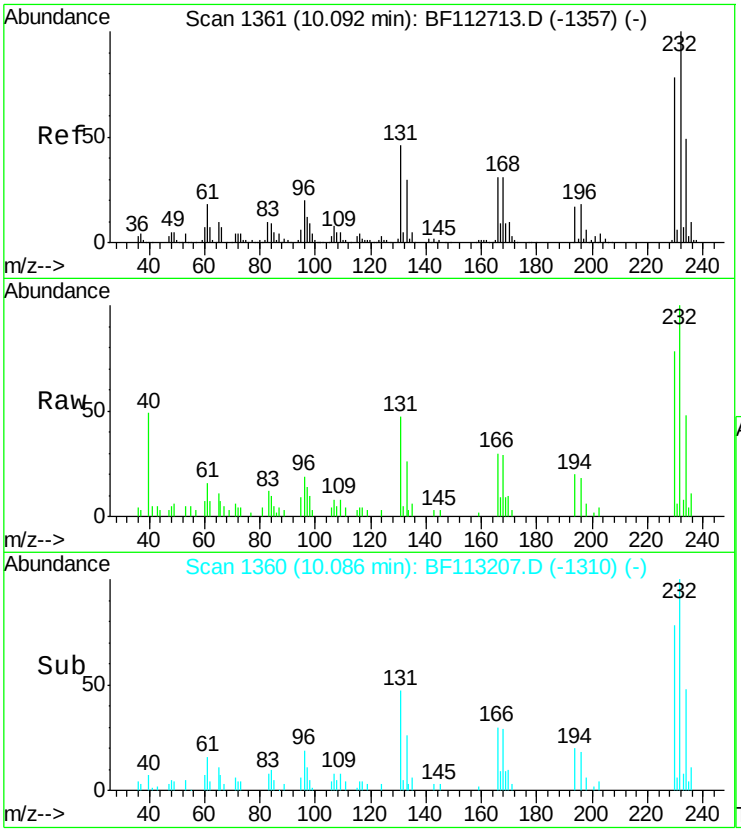




#58
Fluorene
Concen: 4.294 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:166 Resp: 63981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 93.6 | 74.7 | 112.1 |
| 167 | 13.2 | 11.0 | 16.6 |



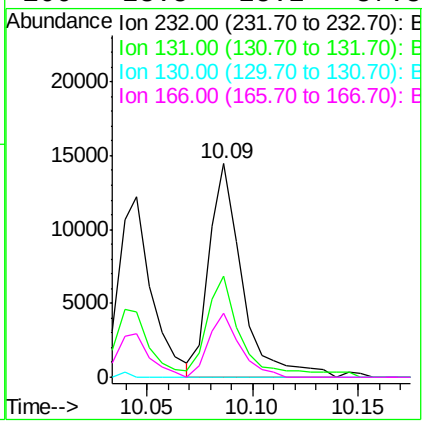


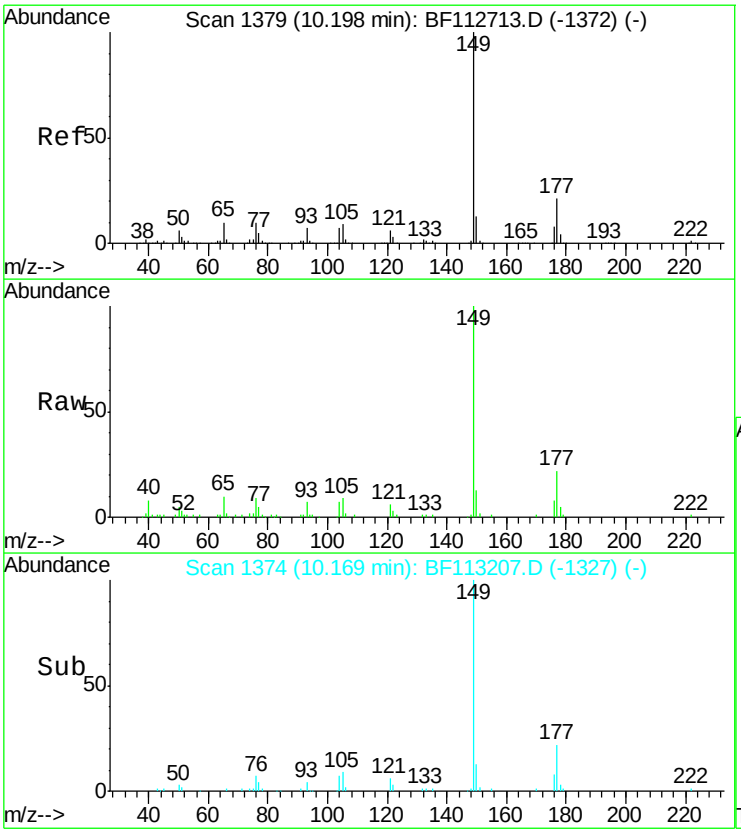

#59
2,3,4,6-Tetrachlorophenol
Concen: 3.819 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:232 Resp: 15767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 49.6 | 38.7 | 58.1 |
| 130 | 0.0 | 1.9 | 2.9# |
| 166 | 28.5 | 25.2 | 37.8 |

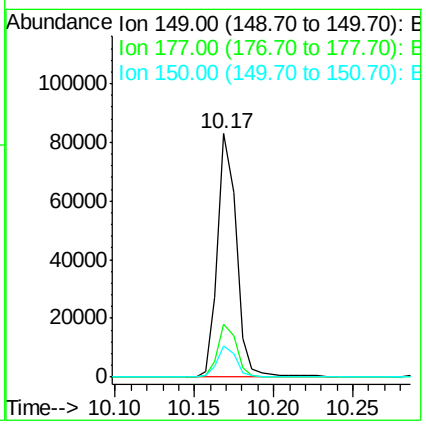


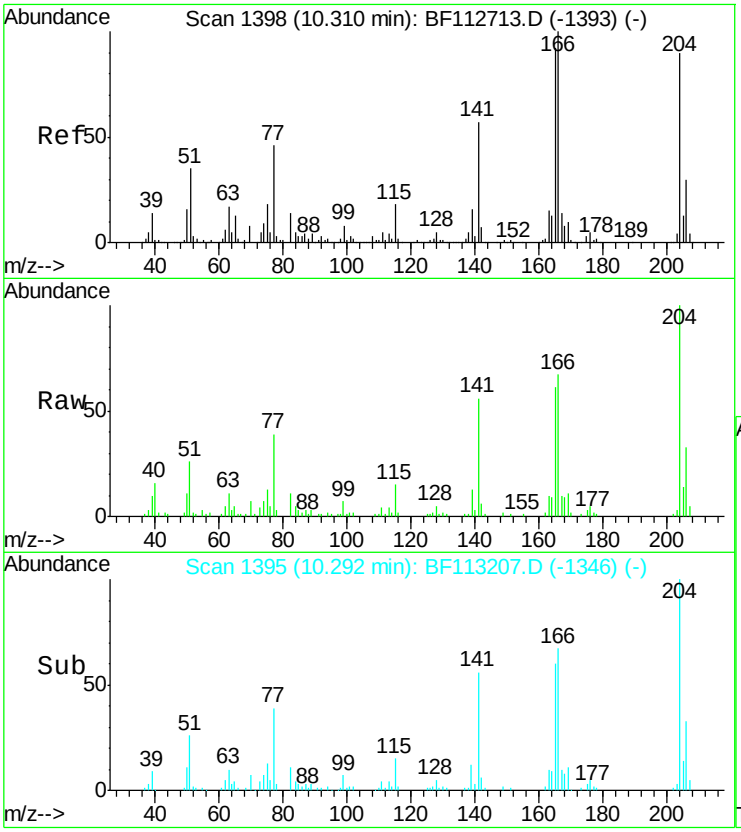




#60
Diethylphthalate
Concen: 3.880 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:149 Resp: 69039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.6 | 17.0 | 25.6 |
| 150 | 12.5 | 10.0 | 15.0 |



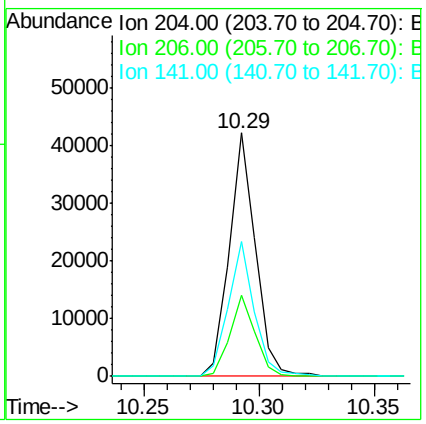


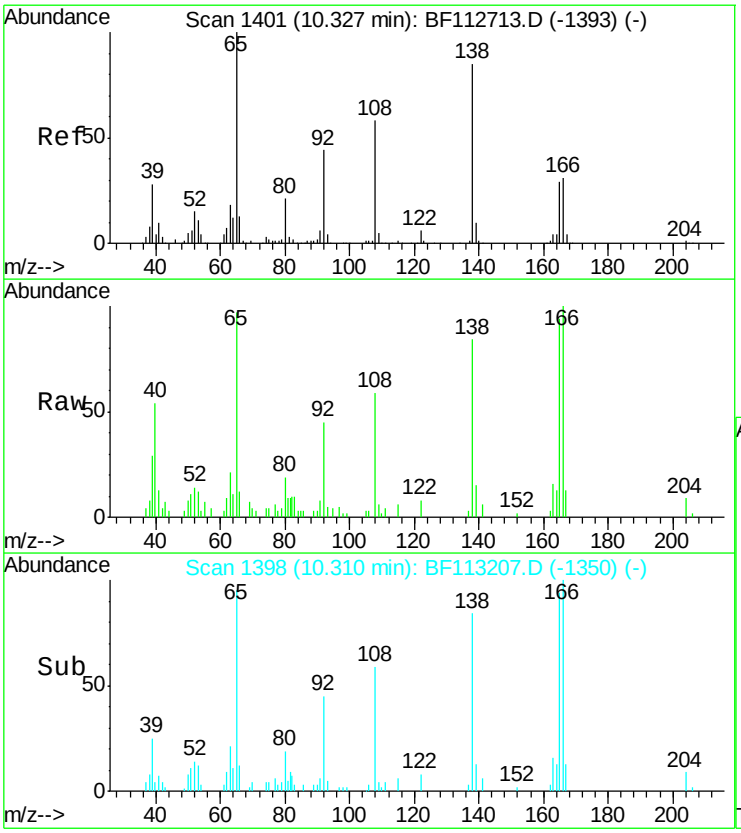

#61
4-Chlorophenyl-phenylether
Concen: 4.806 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:204 Resp: 33323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.1 | 26.6 | 40.0 |
| 141 | 55.5 | 50.8 | 76.2 |

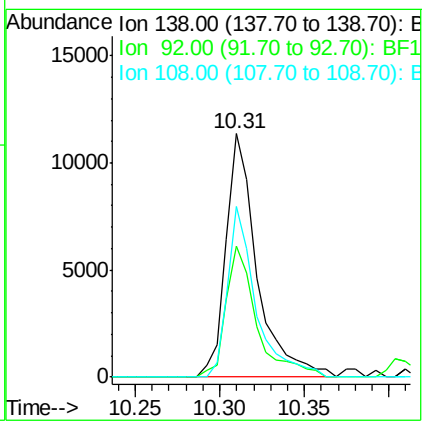


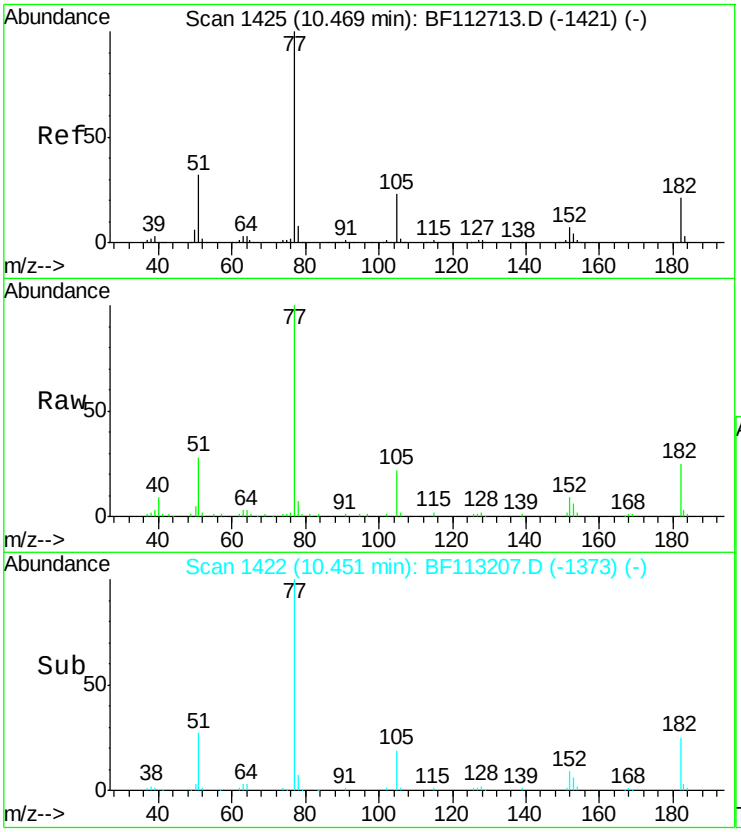




#62
4-Nitroaniline
Concen: 3.672 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.02 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:138 Resp: 14503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 53.9 | 31.3 | 71.3 |
| 108 | 70.3 | 48.1 | 88.1 |



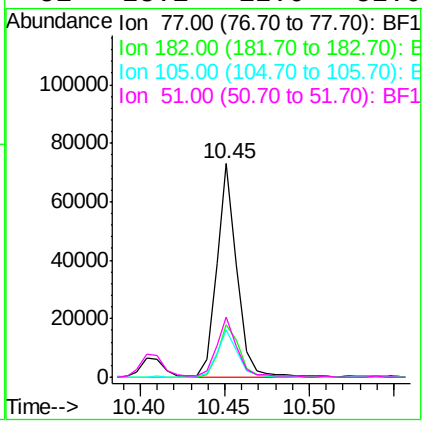


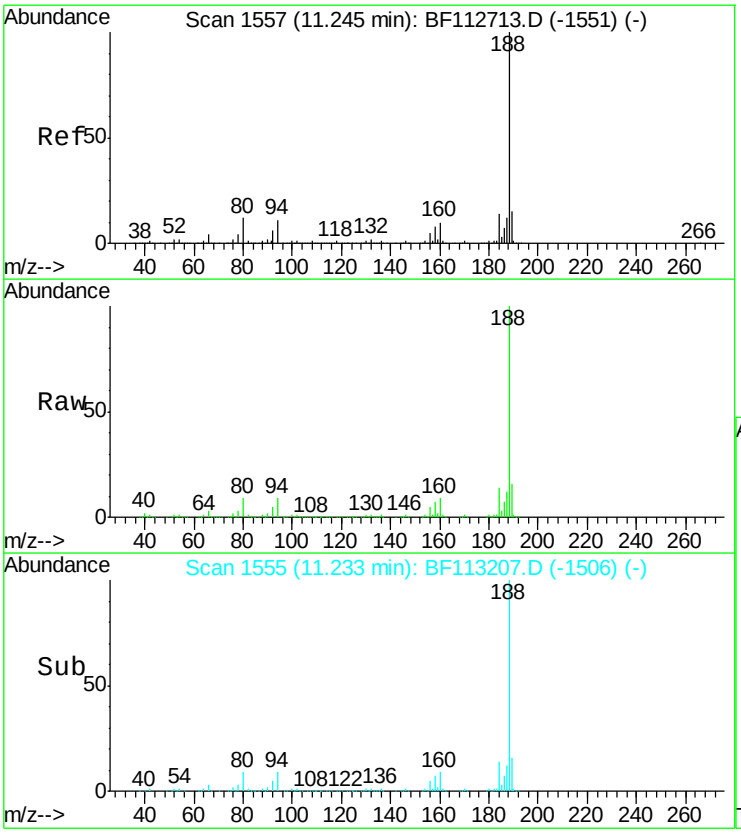

#63
Azobenzene
Concen: 3.342 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion: 77 Resp: 60909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 24.8 | 1.4 | 41.4 |
| 105 | 22.4 | 2.6 | 42.6 |
| 51 | 28.1 | 12.0 | 52.0 |

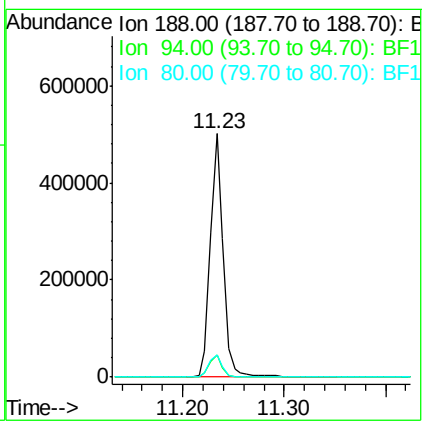


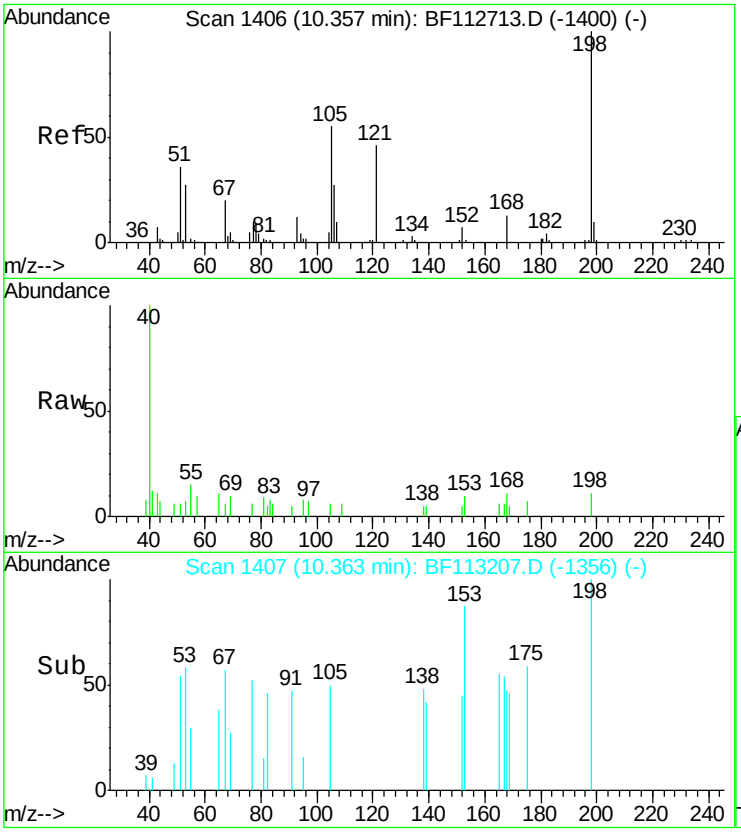




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:188 Resp: 442060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.0 | 9.0 | 13.4 |
| 80 | 9.4 | 9.2 | 13.8 |



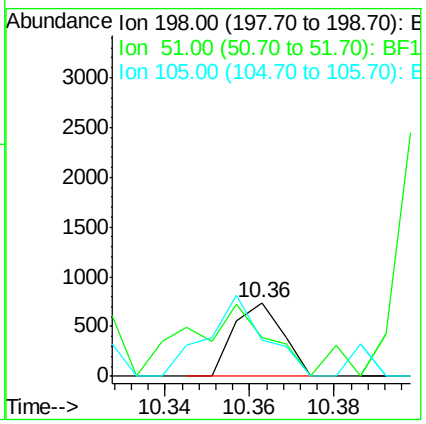


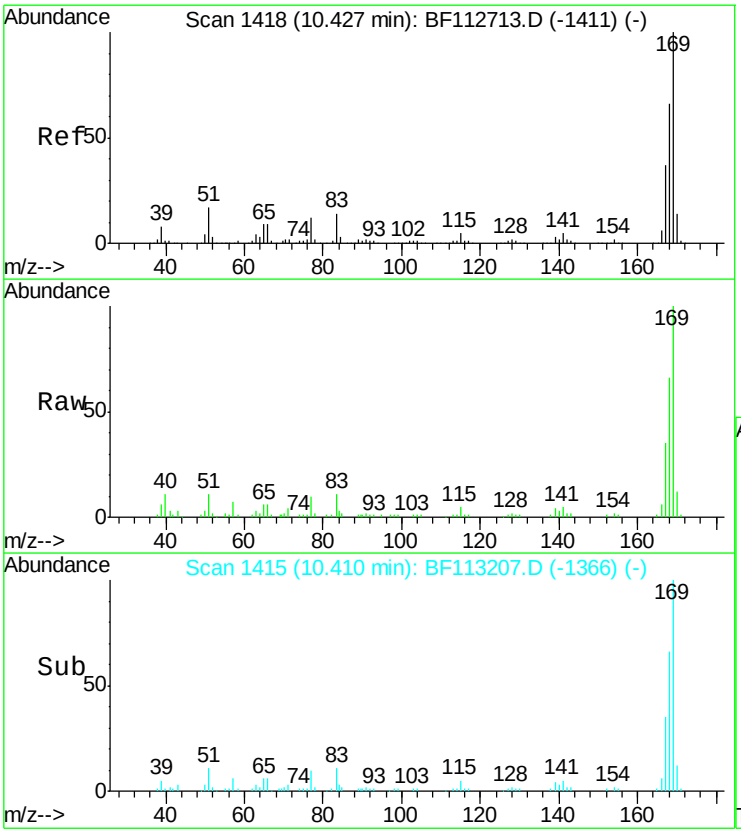

#65
4,6-Dinitro-2-methylphenol
Concen: 4.908 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:198 Resp: 593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 53.6 | 43.8 | 83.8 |
| 105 | 49.7 | 36.5 | 76.5 |

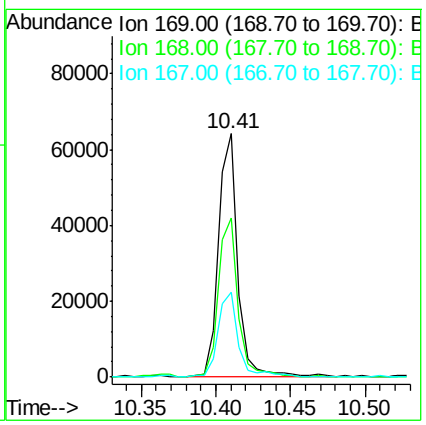


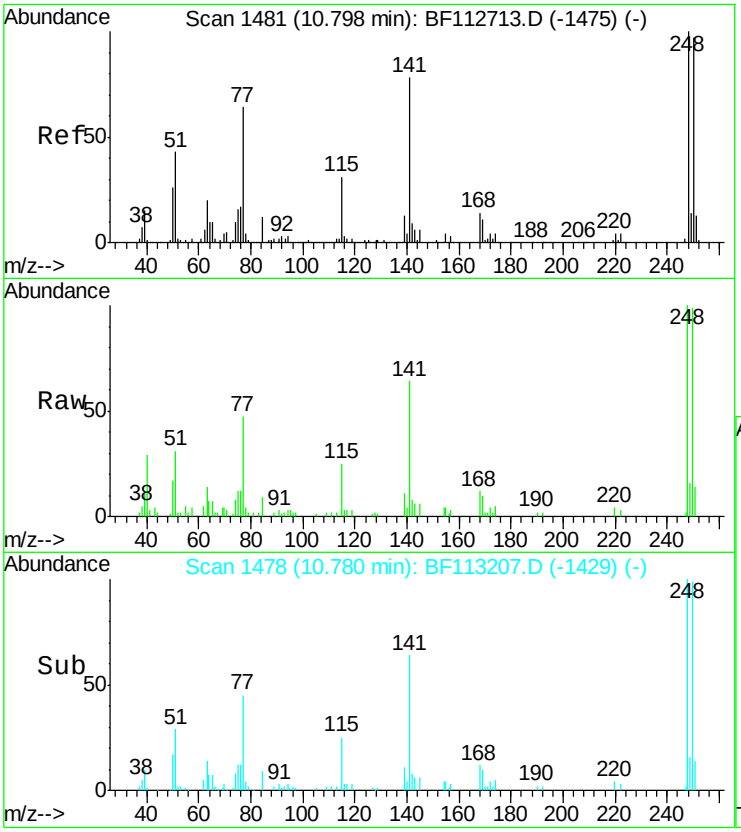




#66
n-Nitrosodiphenylamine
Concen: 4.132 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:169 Resp: 58577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.5 | 53.0 | 79.6 |
| 167 | 34.9 | 29.3 | 43.9 |



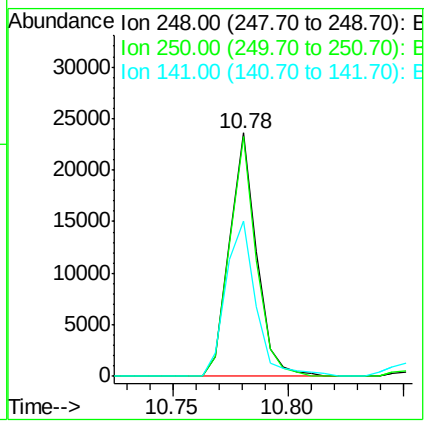


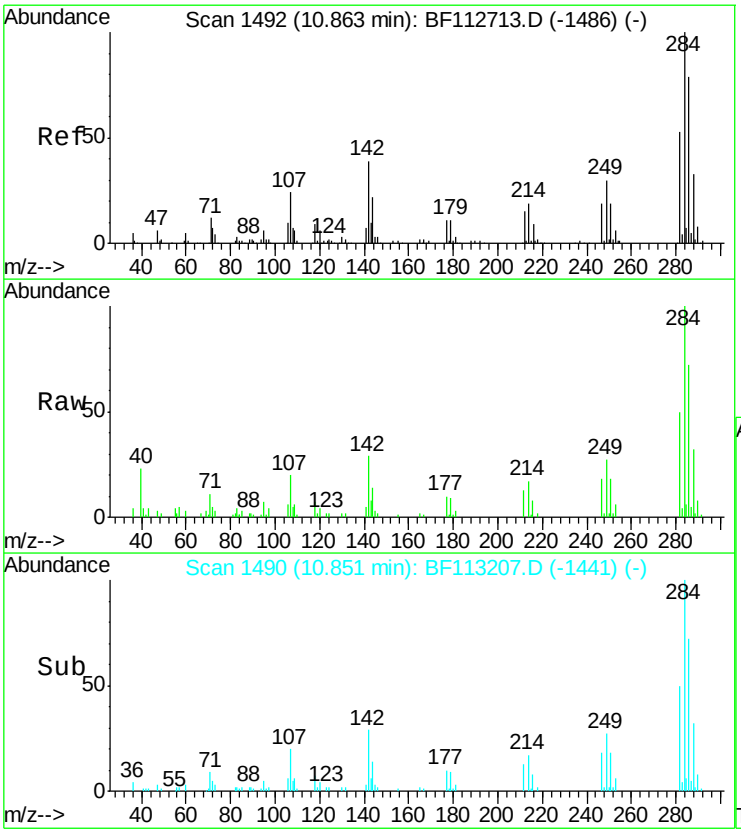

#67
4-Bromophenyl-phenylether
Concen: 4.171 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:248 Resp: 19420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.5 | 77.5 | 116.3 |
| 141 | 63.7 | 62.4 | 93.6 |

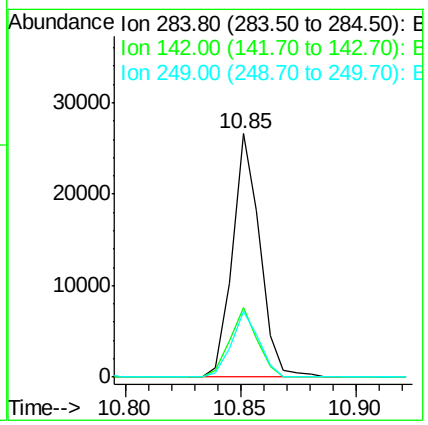


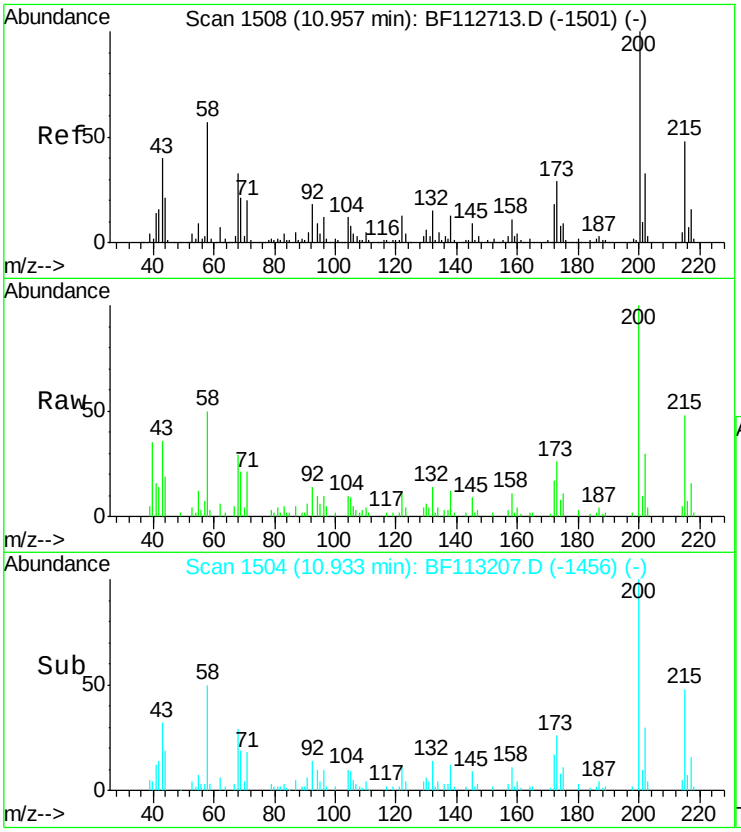




#68
Hexachlorobenzene
Concen: 4.195 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:284 Resp: 22016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 28.7 | 31.0 | 46.6# |
| 249 | 26.8 | 23.6 | 35.4 |



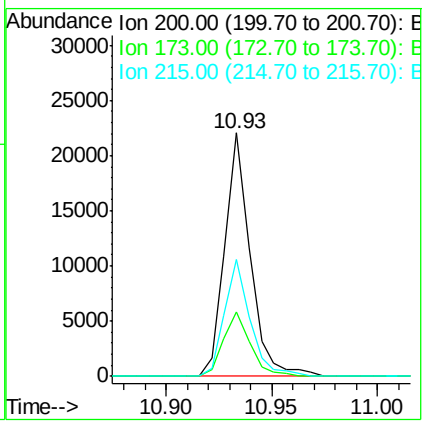


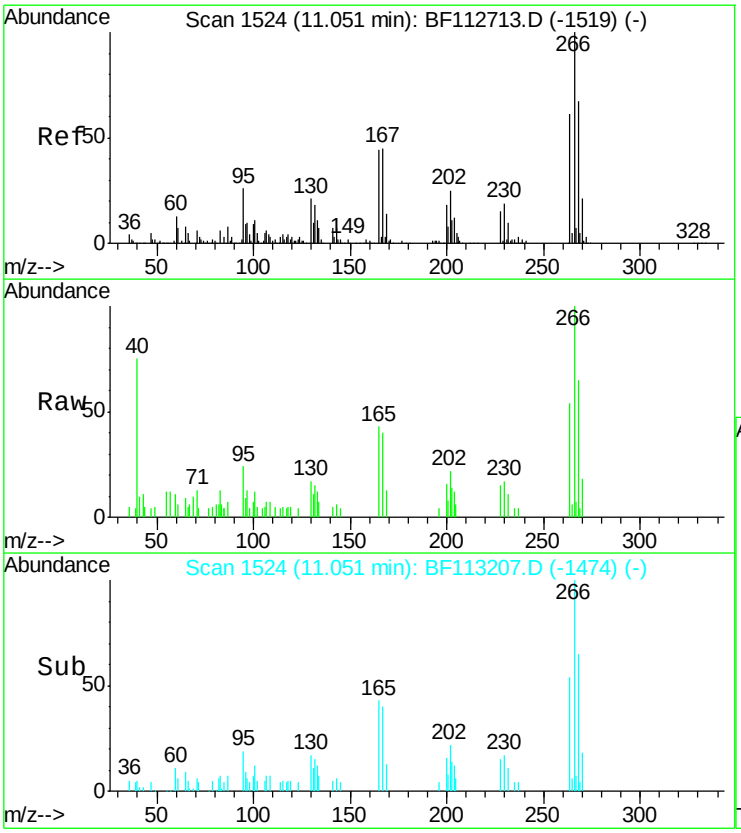

#69
Atrazine
Concen: 4.251 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.02 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:200 Resp: 18456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.3 | 9.1 | 49.1 |
| 215 | 47.8 | 28.2 | 68.2 |

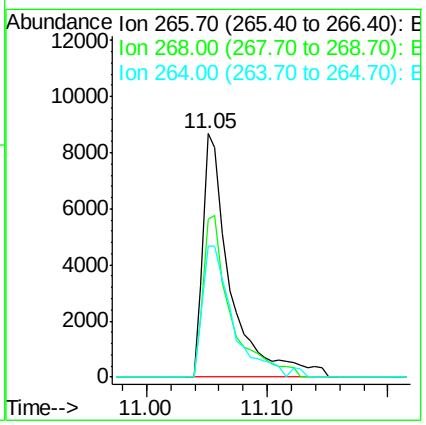


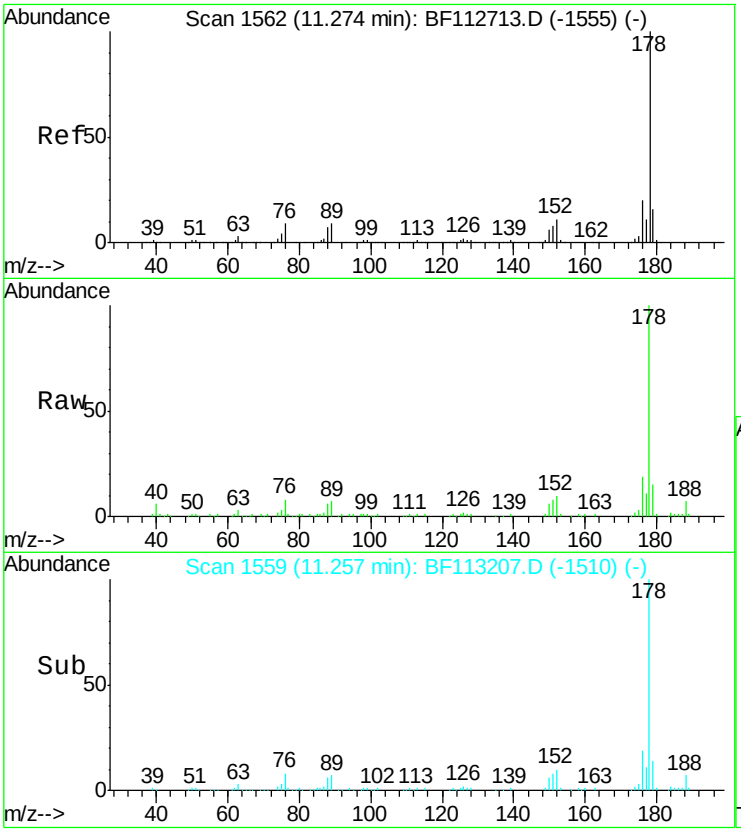




#70
Pentachlorophenol
Concen: 4.420 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:266 Resp: 13656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 68.7 | 53.3 | 79.9 |
| 264 | 59.6 | 48.9 | 73.3 |



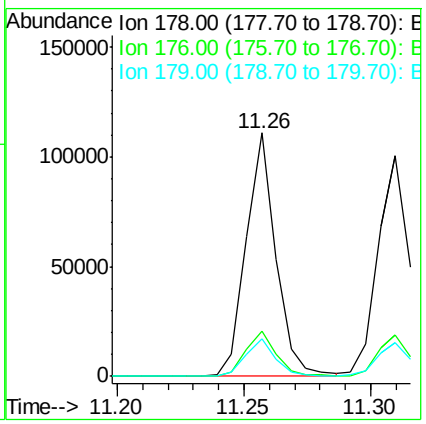


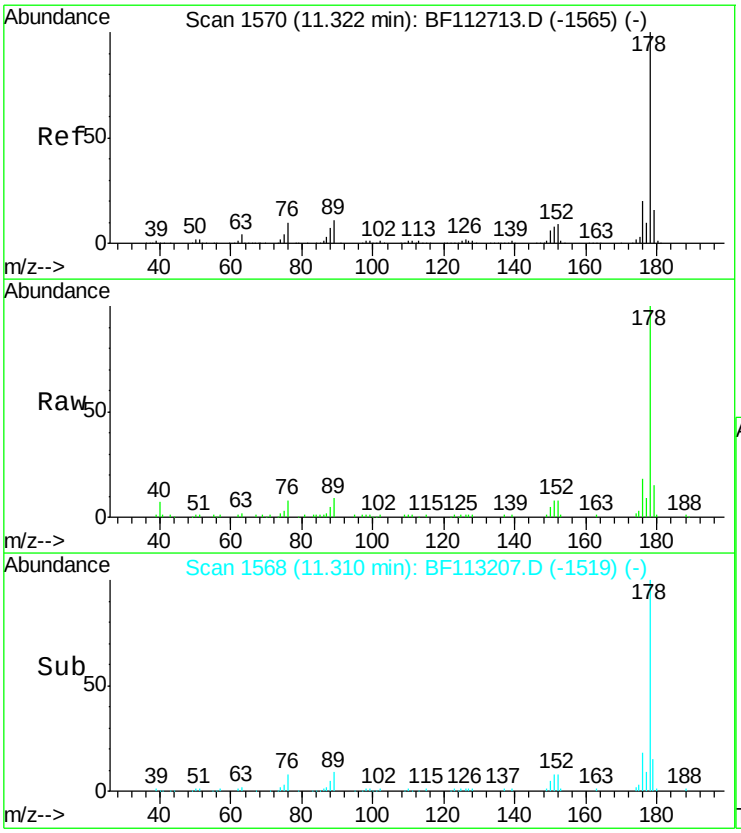

#71
Phenanthrene
Concen: 4.149 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:178 Resp: 91262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 16.3 | 24.5 |
| 179 | 15.2 | 12.7 | 19.1 |

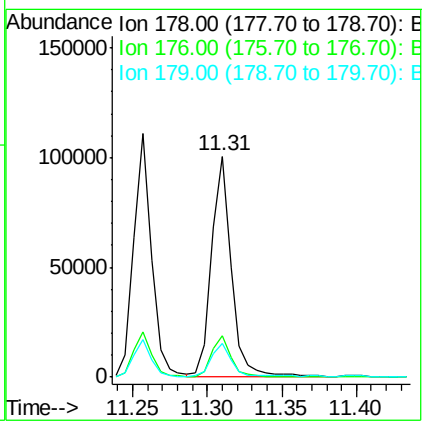


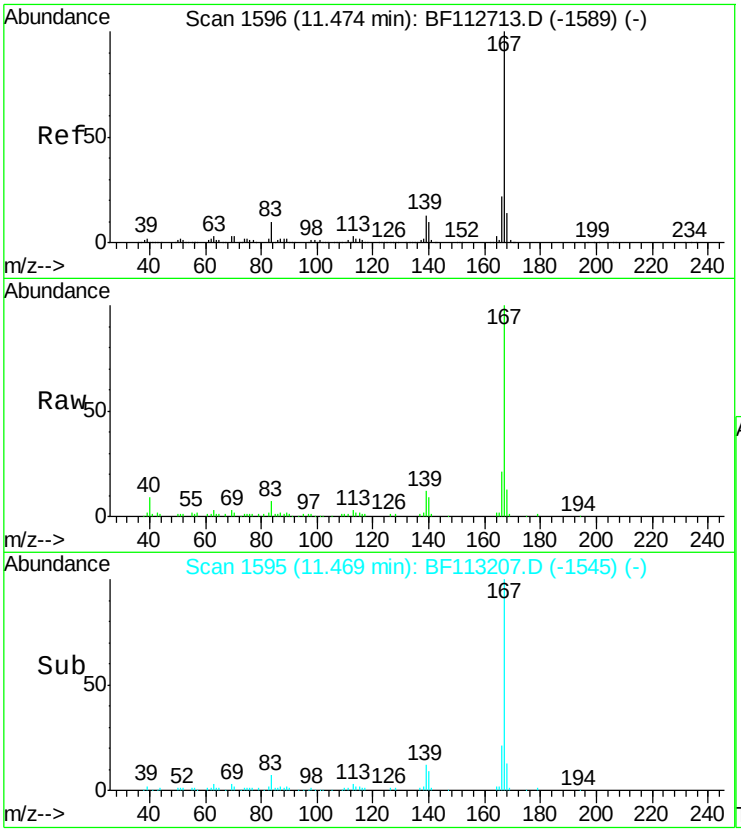




#72
Anthracene
Concen: 4.004 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:178 Resp: 92194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.5 | 15.8 | 23.6 |
| 179 | 15.1 | 13.0 | 19.6 |



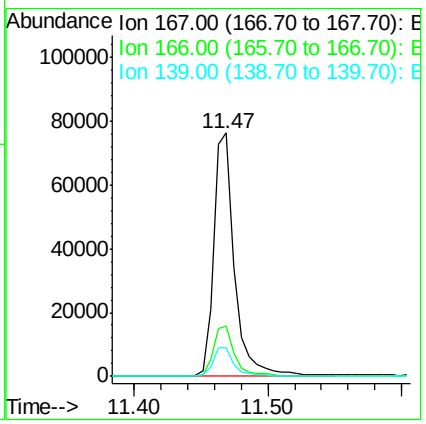


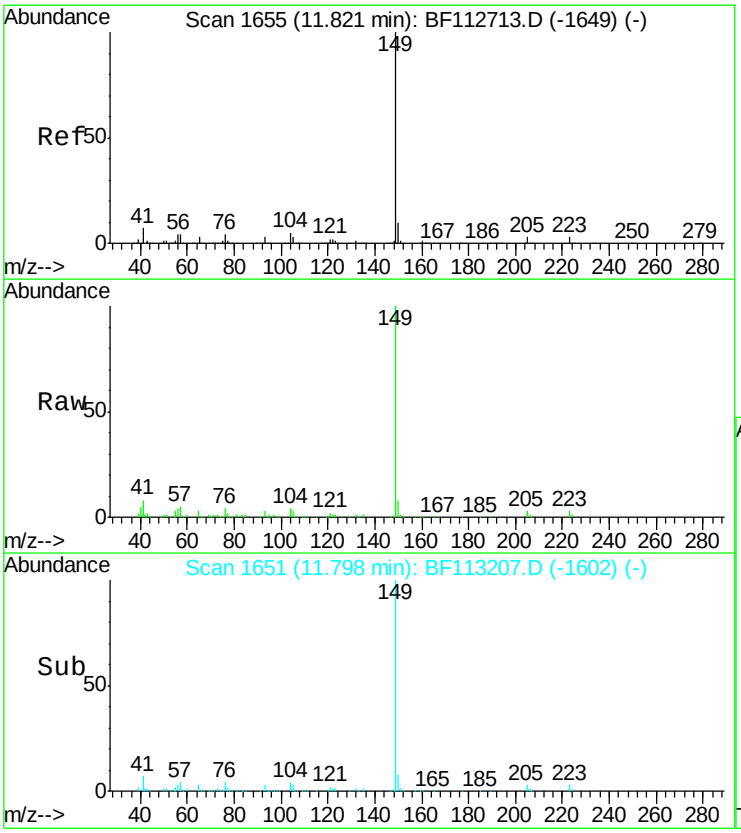

#73
Carbazole
Concen: 3.753 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:167 Resp: 84287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 20.9 | 17.5 | 26.3 |
| 139 | 12.0 | 10.8 | 16.2 |

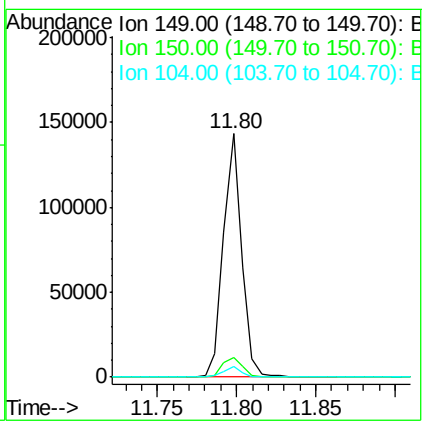


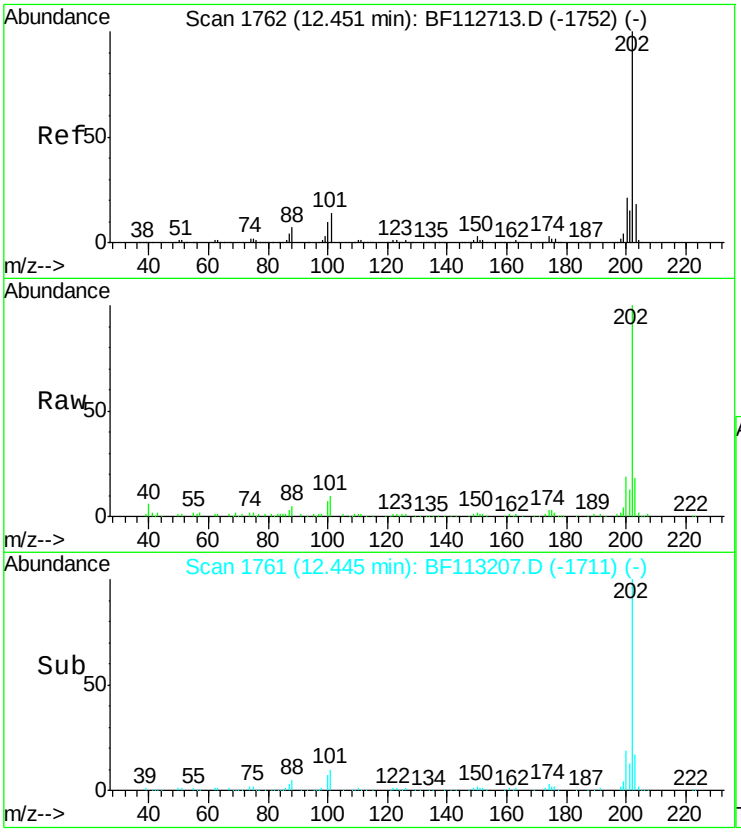




#74
Di-n-butylphthalate
Concen: 4.239 ng
RT: 11.80 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:149 Resp: 114169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 8.2 | 7.6 | 11.4 |
| 104 | 4.1 | 3.7 | 5.5 |



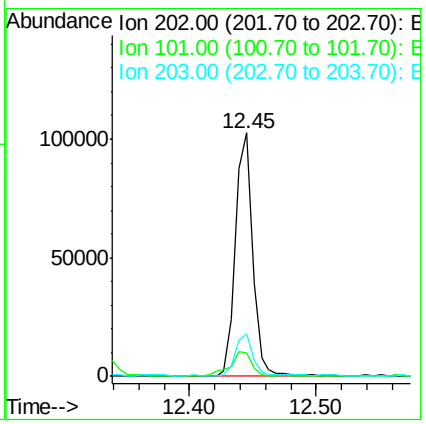


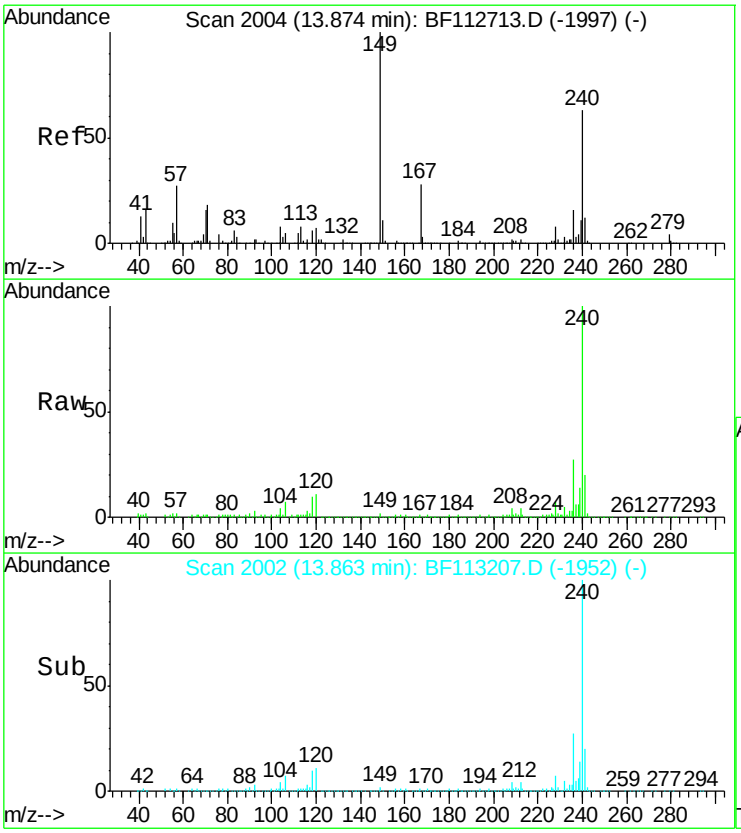

#75
Fluoranthene
Concen: 4.088 ng
RT: 12.45 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:202 Resp: 96340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.6 | 0.0 | 33.8 |
| 203 | 17.6 | 0.0 | 38.4 |

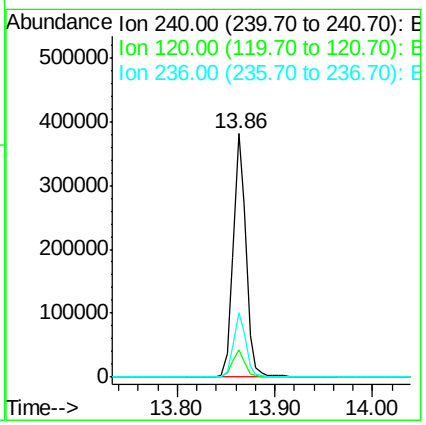


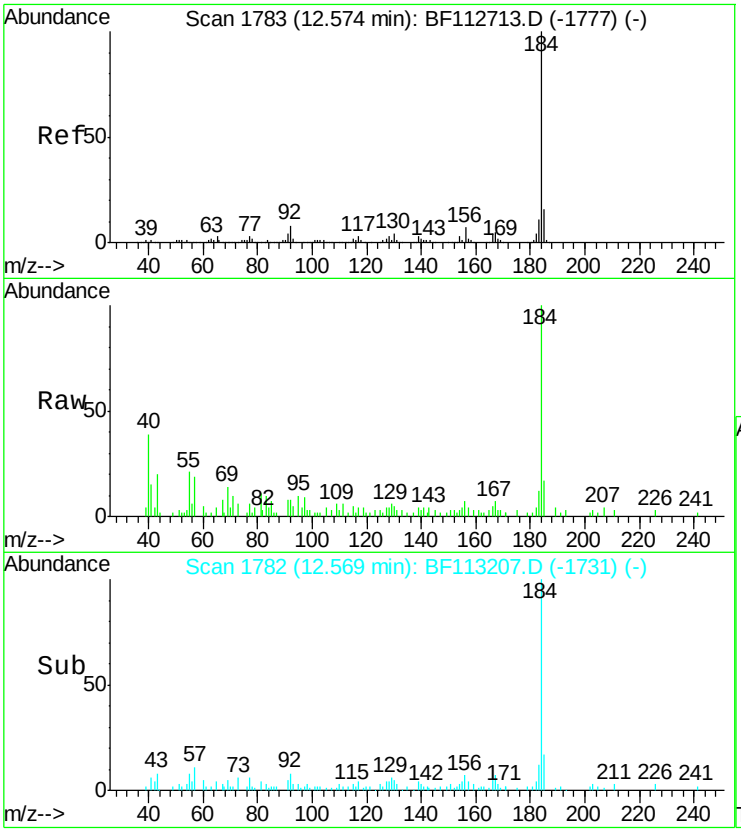




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:240 Resp: 346272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.2 | 8.9 | 13.3 |
| 236 | 26.7 | 20.7 | 31.1 |



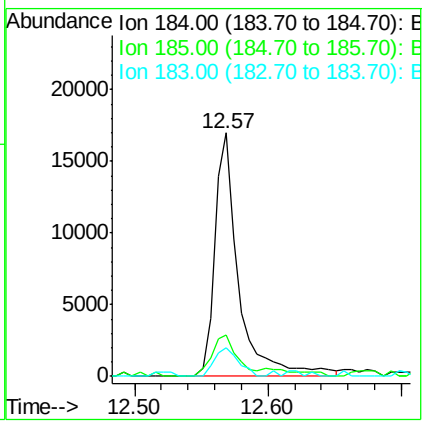


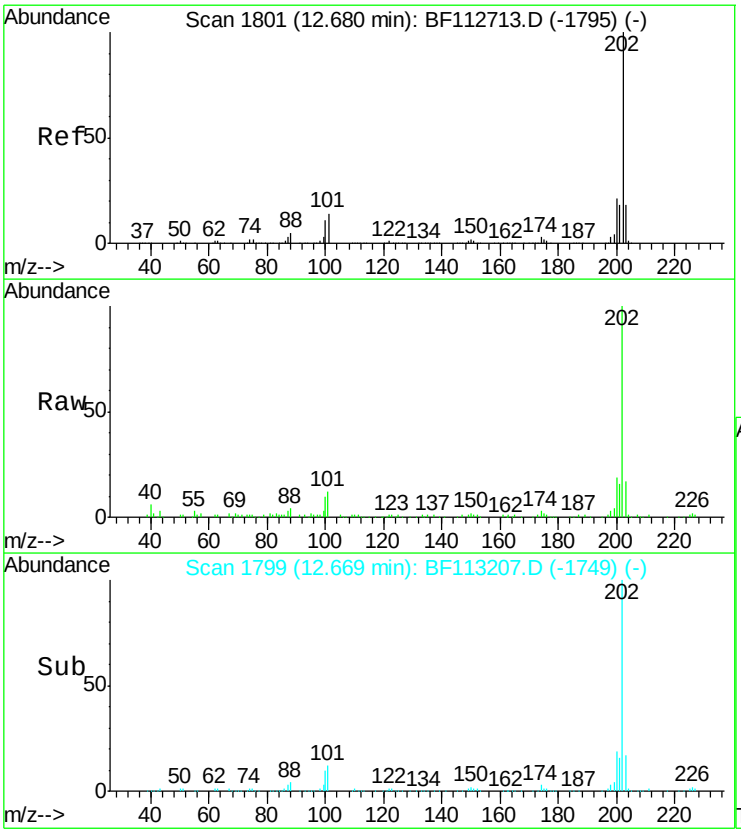

#77
Benzidine
Concen: 1.186 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:184 Resp: 21299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 16.8 | 12.6 | 18.8 |
| 183 | 11.6 | 8.6 | 12.8 |

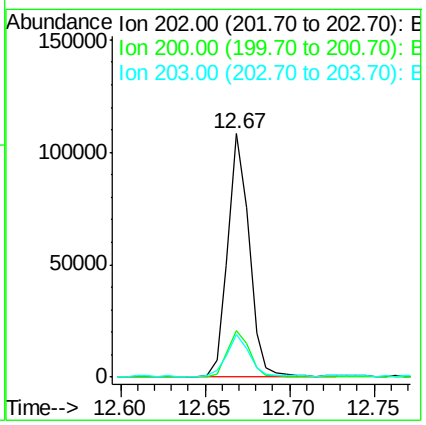


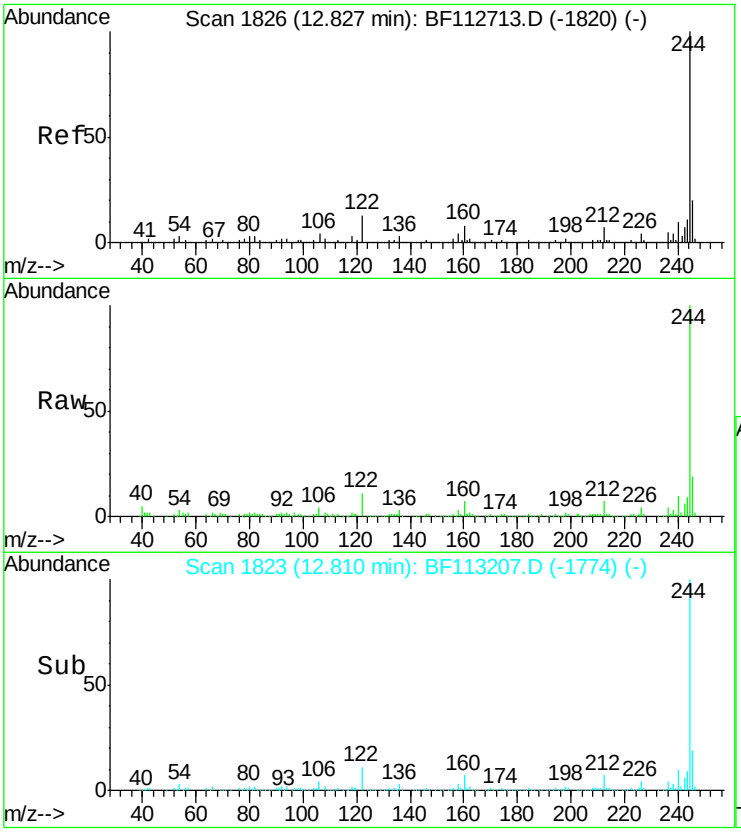




#78
Pyrene
Concen: 3.294 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:202 Resp: 96157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.3 | 17.0 | 25.4 |
| 203 | 17.5 | 14.4 | 21.6 |



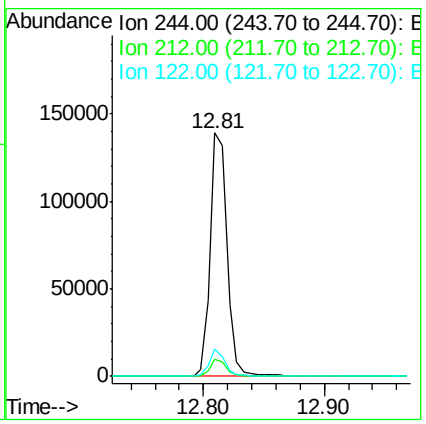


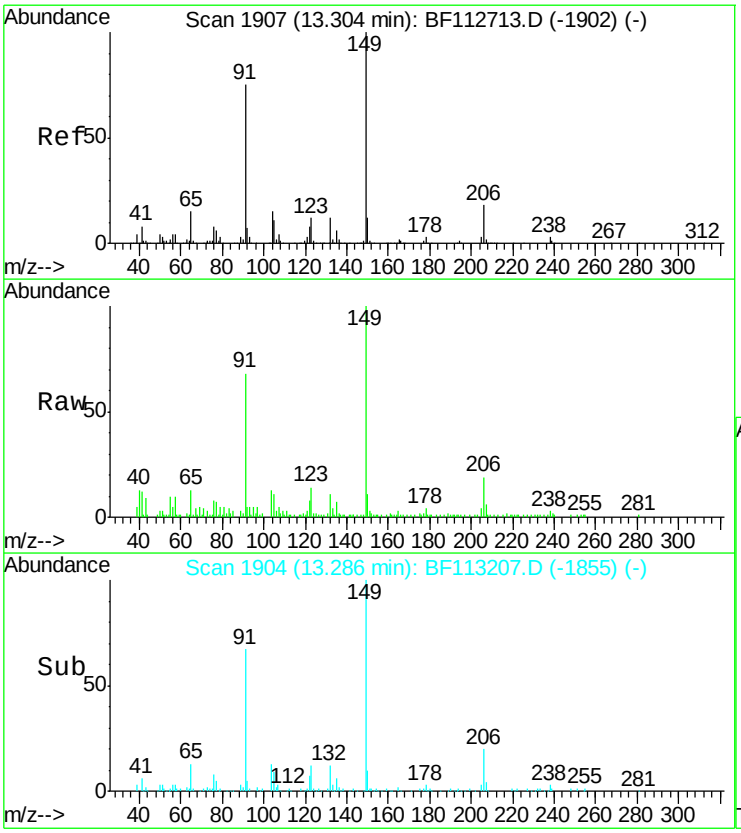

#79
Terphenyl-d14
Concen: 7.471 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:244 Resp: 133446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.8 | 5.6 | 8.4 |
| 122 | 11.3 | 10.5 | 15.7 |

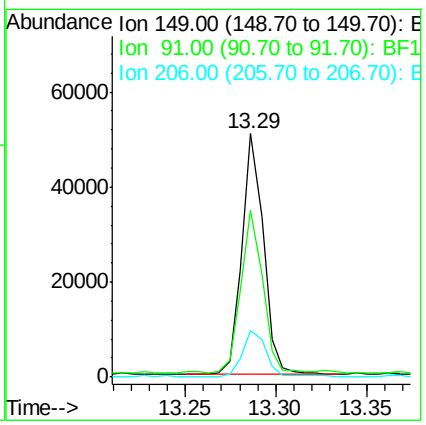


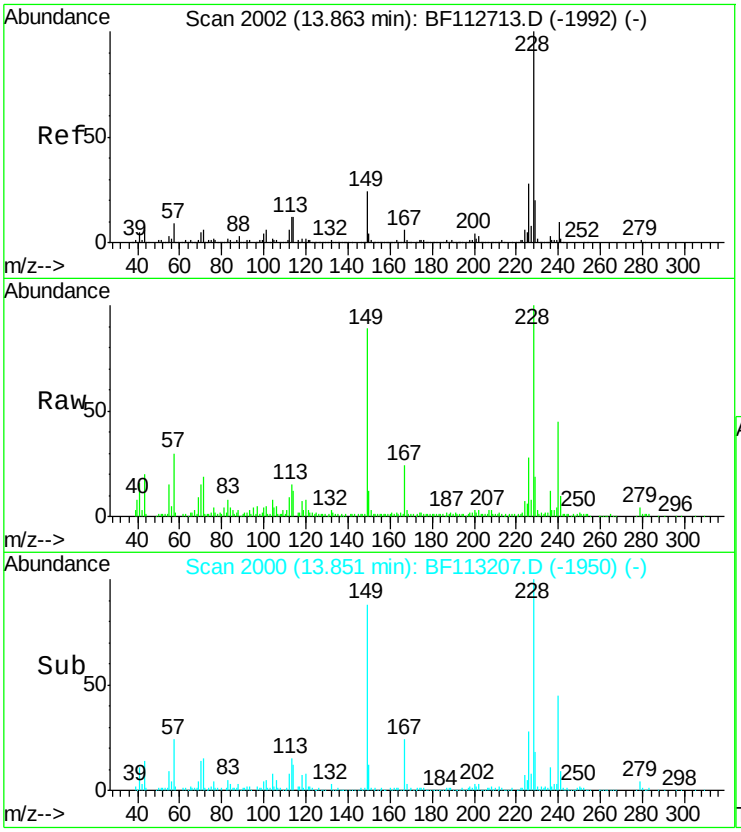




#80
Butylbenzylphthalate
Concen: 3.281 ng
RT: 13.29 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:149 Resp: 42283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 68.3 | 59.9 | 89.9 |
| 206 | 19.1 | 14.7 | 22.1 |



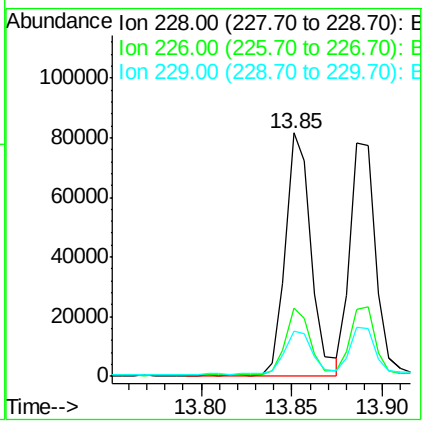


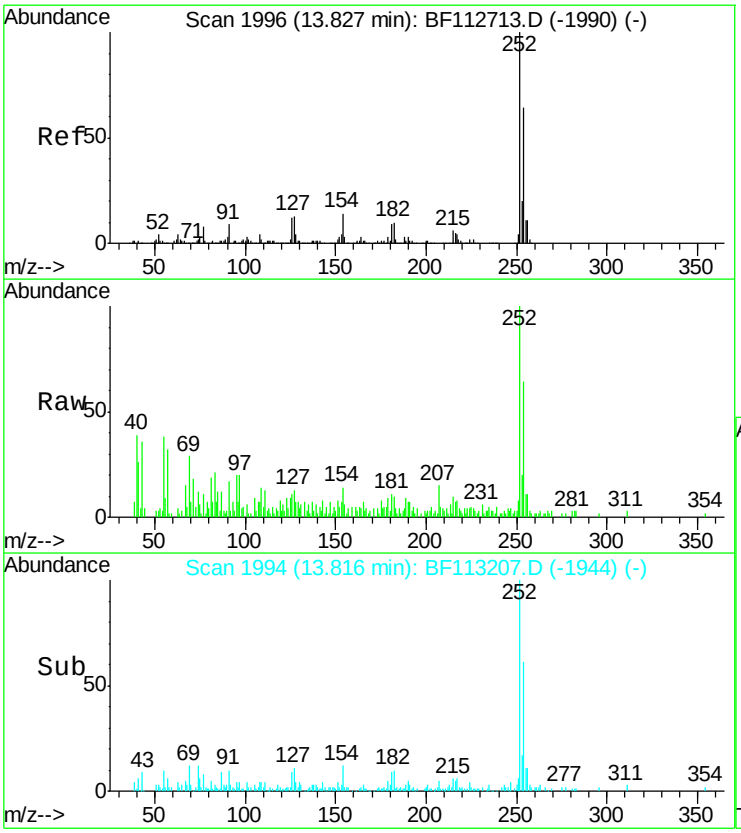

#81
Benzo(a)anthracene
Concen: 3.417 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:228 Resp: 82010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.9 | 22.2 | 33.4 |
| 229 | 18.8 | 16.0 | 24.0 |

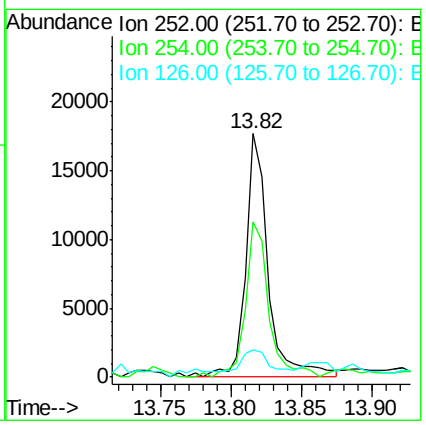


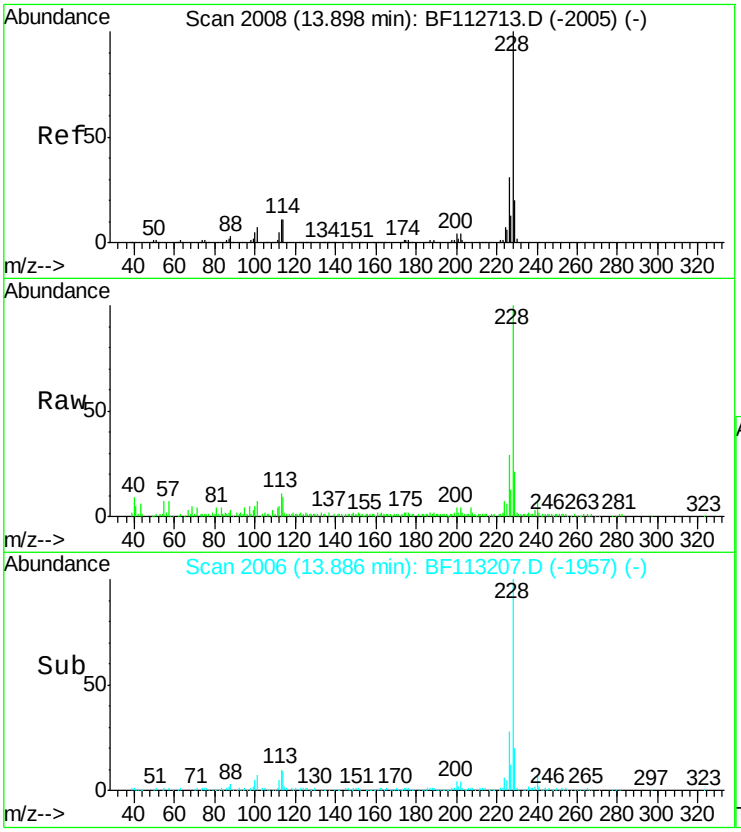




#82
3,3'-Dichlorobenzidine
Concen: 2.168 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:252 Resp: 19675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.6 | 51.1 | 76.7 |
| 126 | 11.1 | 9.9 | 14.9 |



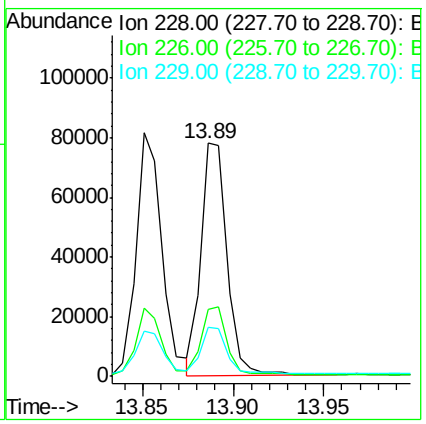


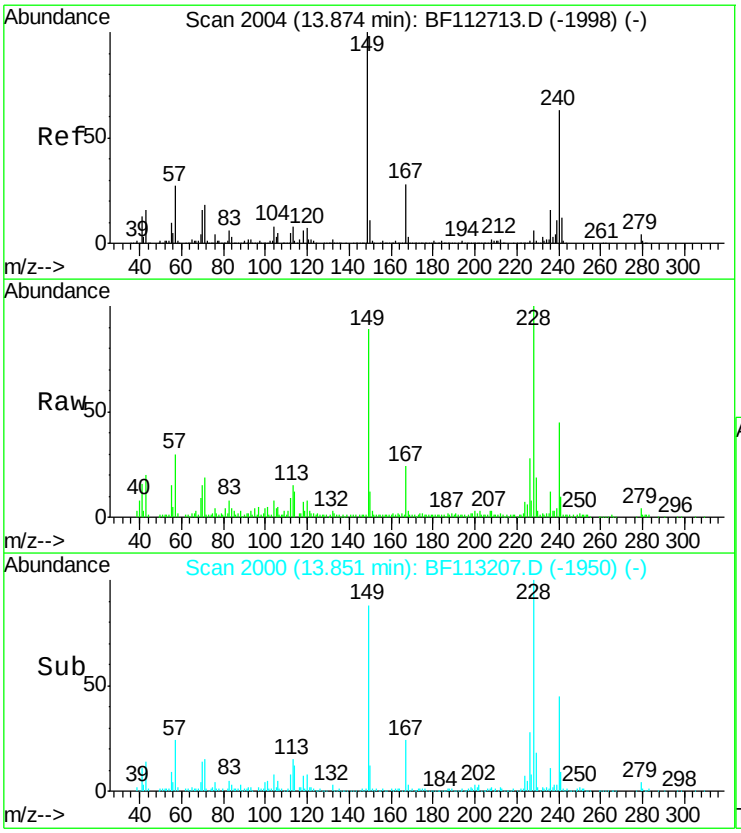

#83
Chrysene
Concen: 3.313 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:228 Resp: 77881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.9 | 24.9 | 37.3 |
| 229 | 21.2 | 16.3 | 24.5 |

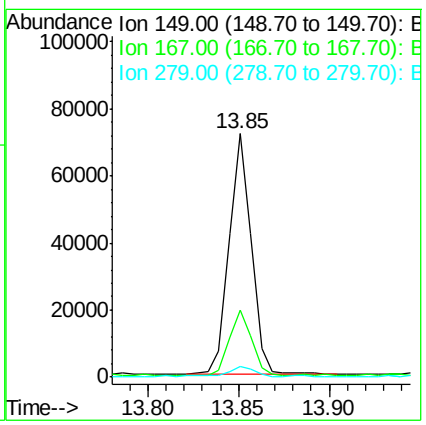


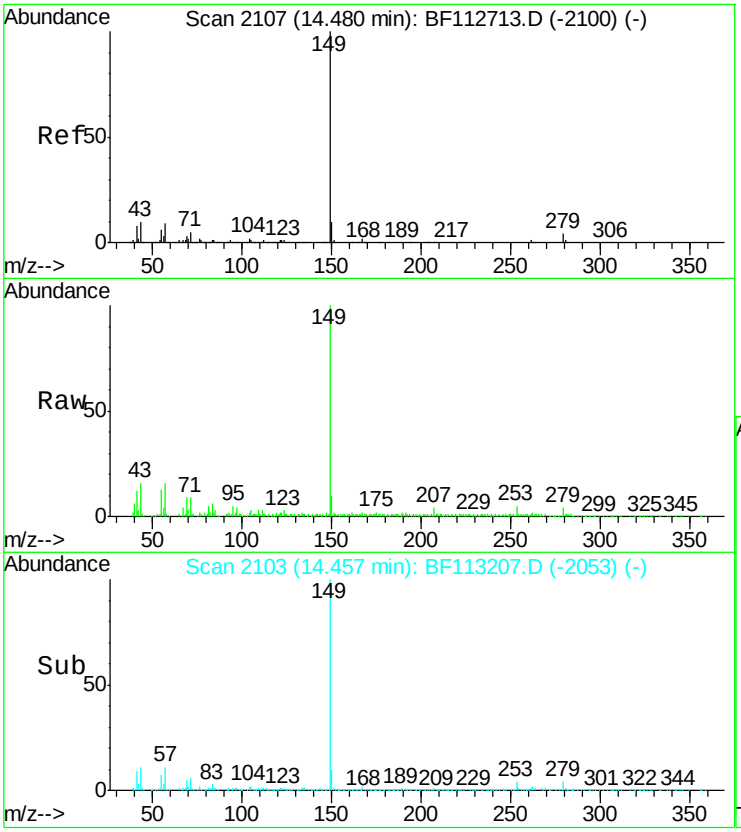




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.092 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:149 Resp: 61846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.4 | 22.4 | 33.6 |
| 279 | 4.3 | 3.3 | 4.9 |



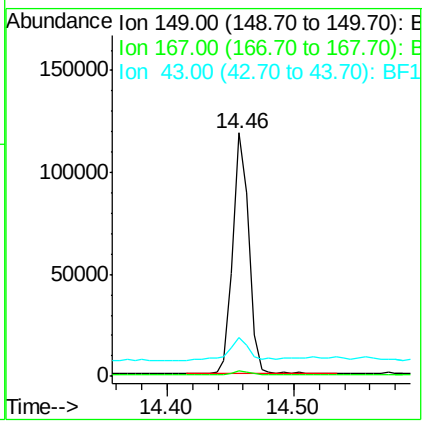


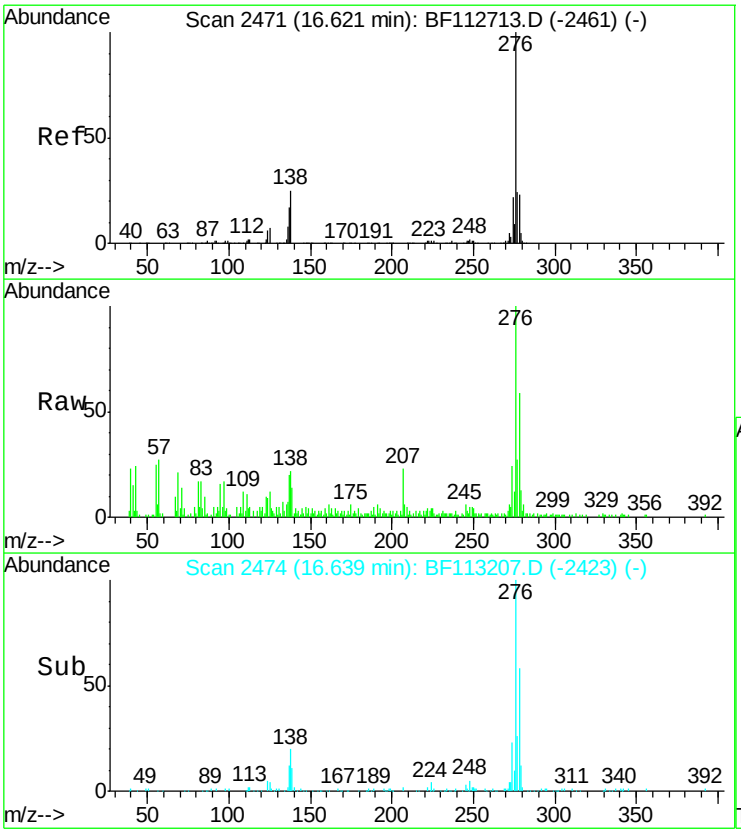

#85
Di-n-octyl phthalate
Concen: 3.908 ng
RT: 14.46 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:149 Resp: 101411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 2.1 | 1.2 | 1.8# |
| 43 | 13.3 | 9.0 | 13.4 |

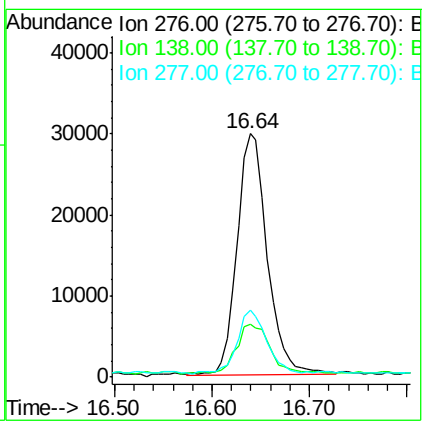


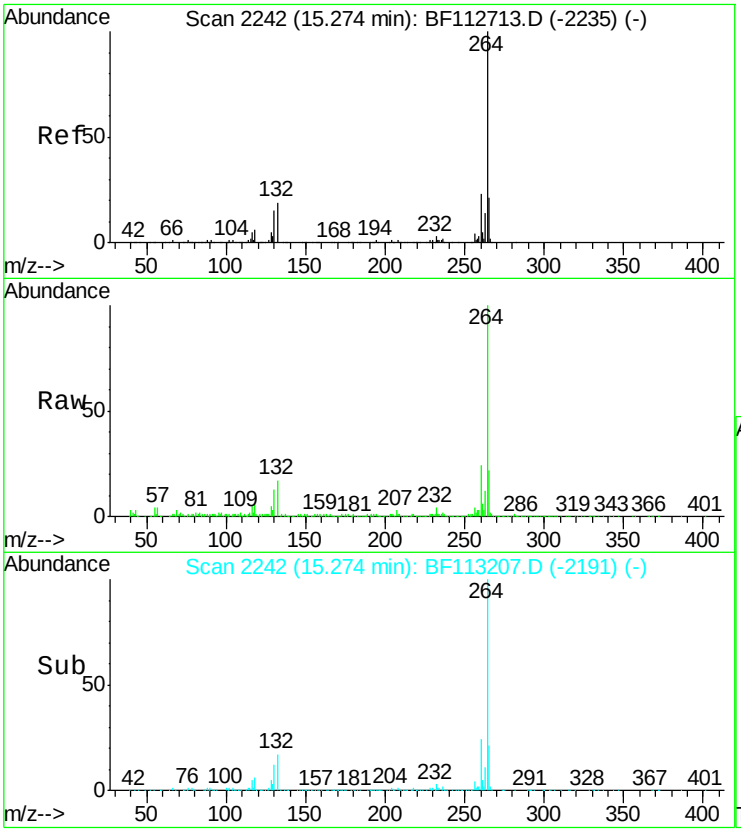




#86
Indeno(1,2,3-cd)pyrene
Concen: 3.200 ng
RT: 16.64 min Scan# 2474
Delta R.T. -0.00 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:276 Resp: 64130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 23.2 | 23.2 | 34.8 |
| 277 | 25.5 | 19.9 | 29.9 |



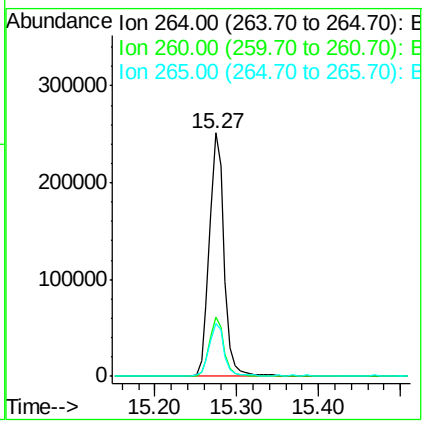


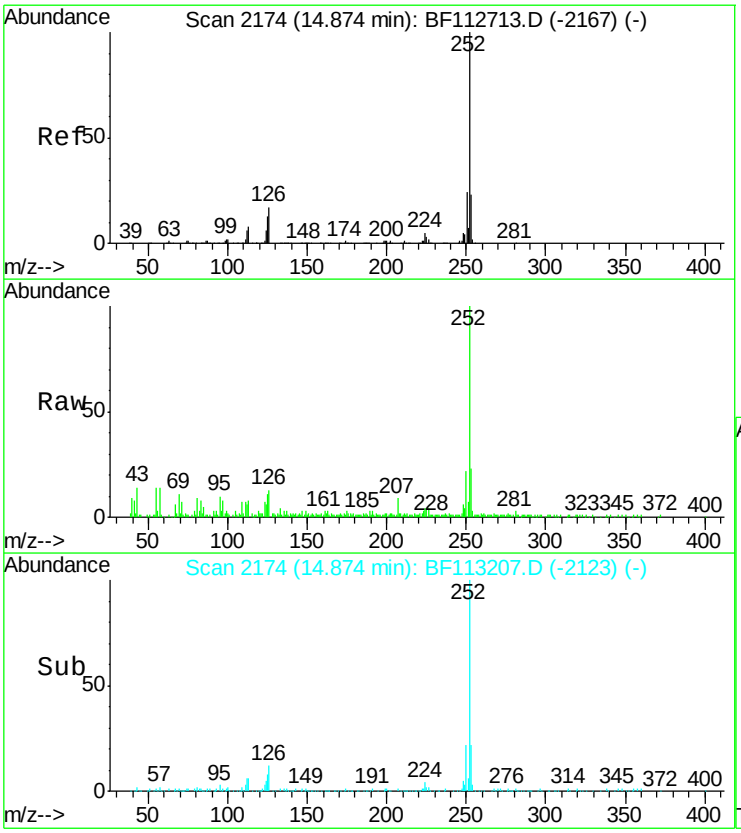

#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:264 Resp: 311656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.3 | 18.7 | 28.1 |
| 265 | 21.7 | 17.2 | 25.8 |

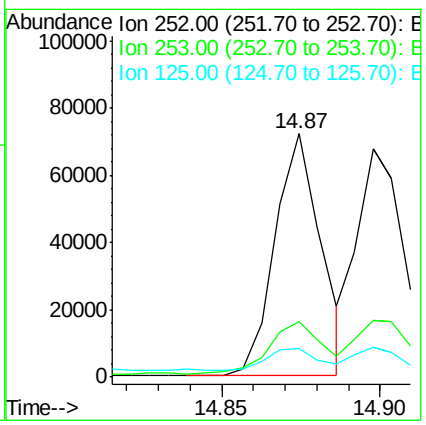


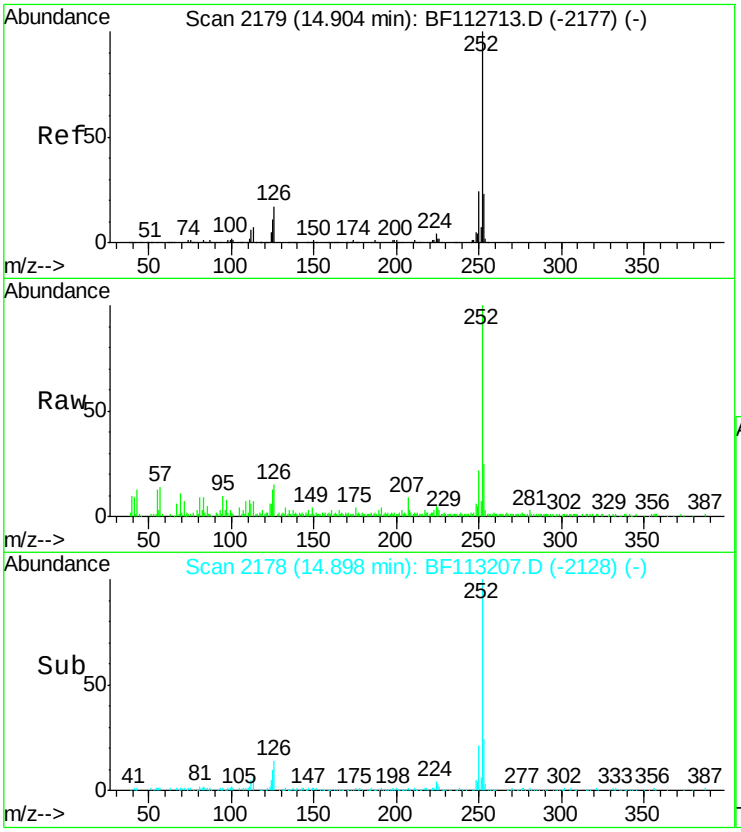




#88
Benzo(b)fluoranthene
Concen: 3.617 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:252 Resp: 72914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.0 | 18.0 | 27.0 |
| 125 | 11.5 | 10.2 | 15.2 |



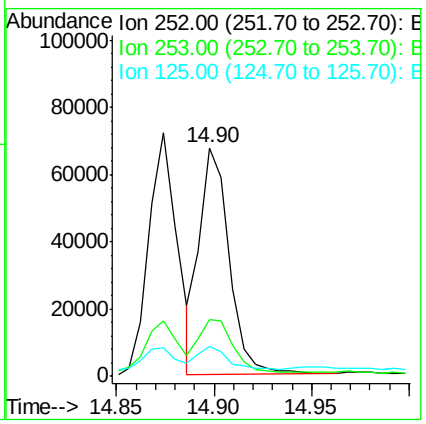


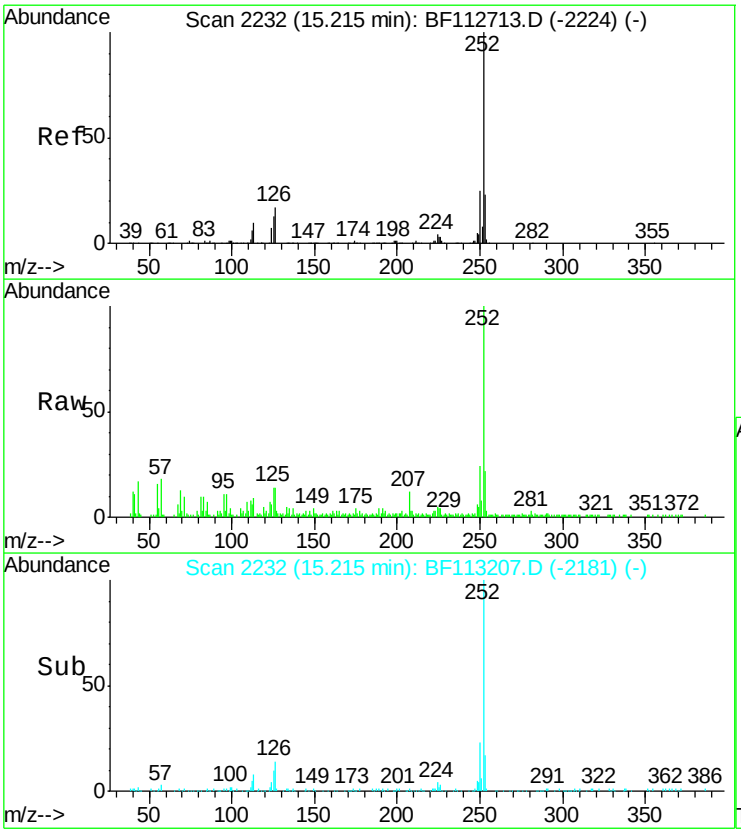

#89
Benzo(k)fluoranthene
Concen: 3.894 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:252 Resp: 71100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.8 | 18.2 | 27.2 |
| 125 | 12.8 | 9.8 | 14.6 |

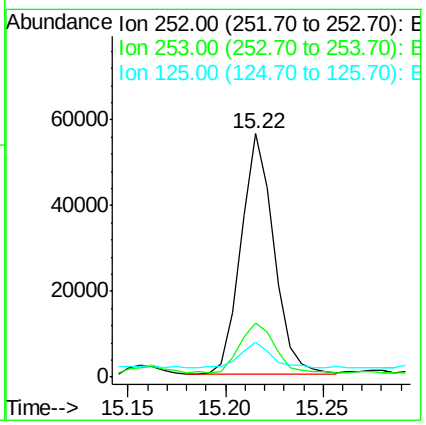


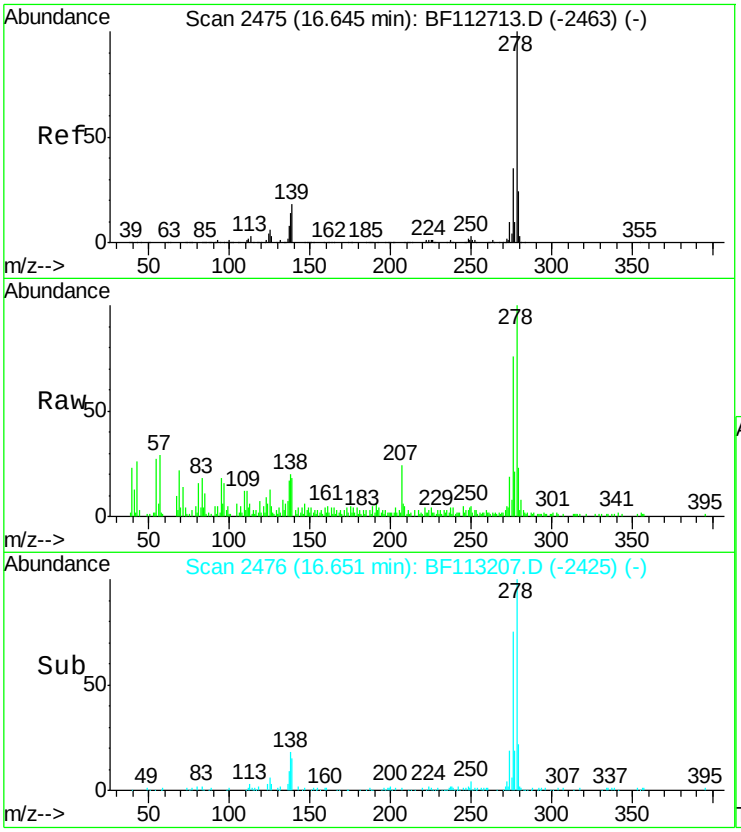




#90
Benzo(a)pyrene
Concen: 3.679 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:252 Resp: 65607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 18.0 | 27.0 |
| 125 | 14.2 | 10.7 | 16.1 |



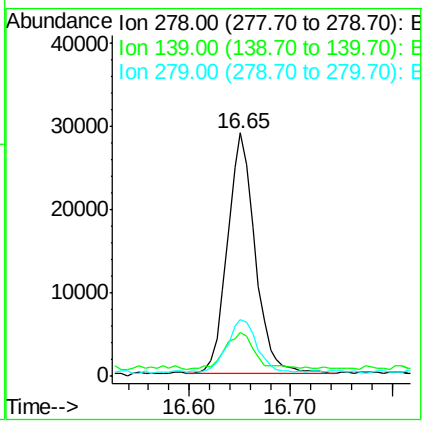


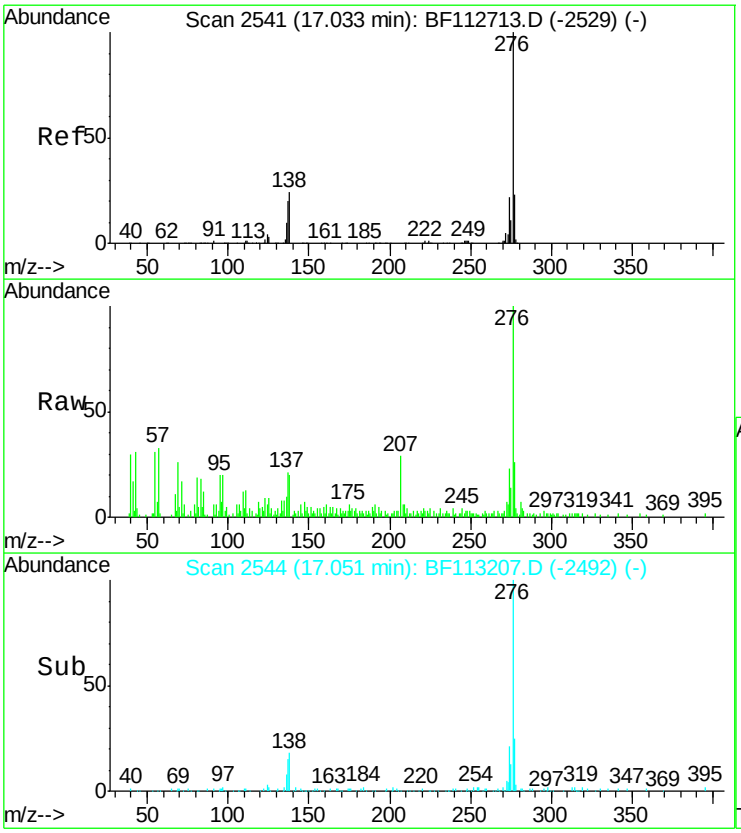

#91
Dibenzo(a,h)anthracene
Concen: 3.599 ng
RT: 16.65 min Scan# 2476
Delta R.T. -0.00 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-031919-I

Tgt Ion:278 Resp: 54759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 18.3 | 14.3 | 21.5 |
| 279 | 23.4 | 19.4 | 29.0 |




#92
Benzo(g,h,i)perylene
Concen: 3.464 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.01 min
Lab File: BF113207.D
Acq: 21 Mar 2019 14:36

Tgt Ion:276 Resp: 52930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 26.1 | 18.6 | 27.8 |
| 138 | 19.9 | 19.4 | 29.0 |