Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
Data File : BF103678.D
Acq On : 15 Mar 2018 19:48
Operator : JU/SJ
Sample : J1888-06DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :**

Quant Time: Mar 16 04:29:06 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.96 | 152 | 153852 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.25 | 136 | 647885 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.00 | 164 | 308728 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.50 | 188 | 564855 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.14 | 240 | 483669 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.67 | 264 | 447640 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.57 | 112 | 288355 | 28.51 | ng | | 0.00 |
| 7) Phenol-d6 | 6.57 | 99 | 354324 | 28.63 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.52 | 82 | 180692 | 19.45 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.79 | 330 | 80715 | 30.41 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.32 | 172 | 418726 | 21.63 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.08 | 244 | 464163 | 22.28 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 6) Aniline | 6.59 | 93 | 5666 | 0.321 | ng | # | 1 |
| 8) 2-Chlorophenol | 6.75 | 128 | 306448 | 28.920 | ng | | 98 |
| 9) Benzaldehyde | 6.59 | 77 | 3044 | 0.374 | ng | # | 1 |
| 10) Phenol | 6.59 | 94 | 281826 | 21.432 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 6.75 | 93 | 6936 | 0.639 | ng | # | 1 |
| 15) Benzyl Alcohol | 7.12 | 79 | 3782 | 0.394 | ng | # | 38 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.19 | 45 | 127 | 0.008 | ng | # | 1 |
| 17) 2-Methylphenol | 7.20 | 107 | 92034 | 9.753 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 7.52 | 70 | 23699 | 2.988 | ng | # | 80 |
| 20) 3+4-Methylphenols | 7.35 | 107 | 205710 | 17.178 | ng | | 87 |
| 22) Acetophenone | 7.35 | 105 | 1739 | 0.104 | ng | # | 1 |
| 24) Nitrobenzene | 7.35 | 77 | 61648 | 5.652 | ng | # | 42 |
| 25) Isophorone | 7.52 | 82 | 180692 | 8.402 | ng | # | 64 |
| 26) 2-Nitrophenol | 7.86 | 139 | 78266 | 24.595 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.89 | 122 | 235487 | 25.559 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 7.89 | 93 | 8595 | 0.660 | ng | # | 1 |
| 29) 2,4-Dichlorophenol | 8.09 | 162 | 266430 | 31.784 | ng | | 99 |
| 31) Naphthalene | 8.32 | 128 | 11844 | 0.362 | ng | # | 79 |
| 32) Benzoic acid | 7.89 | 122 | 235487 | 38.653 | ng | # | 15 |
| 33) 4-Chloroaniline | 8.32 | 127 | 3020 | 0.220 | ng | # | 59 |
| 35) Caprolactam | 8.77 | 113 | 7876 | 2.729 | ng | # | 13 |
| 36) 4-Chloro-3-methylphenol | 8.77 | 107 | 278453 | 30.132 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.77 | 142 | 216868 | 10.449 | ng | # | 24 |
| 42) 2,4,6-Trichlorophenol | 9.23 | 196 | 189161 | 33.577 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.26 | 196 | 58692 | 9.230 | ng | | 98 |
| 45) 1,1'-Biphenyl | 9.42 | 154 | 1033 | 0.040 | ng | | 84 |
| 46) 2-Chloronaphthalene | 9.26 | 162 | 1775 | 0.087 | ng | # | 56 |
| 47) 2-Nitroaniline | 9.32 | 65 | 539 | 6.901 | ng | # | 1 |
| 48) Acenaphthylene | 9.86 | 152 | 127 | 0.004 | ng | # | 60 |
| 50) 2,6-Dinitrotoluene | 10.00 | 165 | 39547 | 11.943 | ng | # | 25 |
| 51) Acenaphthene | 10.00 | 154 | 1121 | 0.060 | ng | # | 4 |
| 52) 3-Nitroaniline | 10.09 | 138 | 276 | 3.861 | ng | # | 1 |
| 55) 4-Nitrophenol | 10.09 | 139 | 88584 | 24.235 | ng | | 94 |
| 56) 2,4-Dinitrotoluene | 10.00 | 165 | 39547 | 12.178 | ng | # | 23 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
Data File : BF103678.D
Acq On : 15 Mar 2018 19:48
Operator : JU/SJ
Sample : J1888-06DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :**

Quant Time: Mar 16 04:29:06 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 57) Fluorene | 10.79 | 166 | 4100 | 0.197 | ng | # | 86 |
| 59) Diethylphthalate | 10.42 | 149 | 125 | 0.005 | ng | # | 61 |
| 62) Azobenzene | 10.79 | 77 | 619 | 0.026 | ng | # | 14 |
| 64) 4,6-Dinitro-2-methylphenol | 10.59 | 198 | 22221 | 18.996 | ng | | 90 |
| 65) n-Nitrosodiphenylamine | 10.59 | 169 | 419 | 0.022 | ng | # | 1 |
| 66) 4-Bromophenyl-phenylether | 10.79 | 248 | 5454 | 0.940 | ng | # | 1 |
| 68) Atrazine | 11.29 | 200 | 11409 | 1.918 | ng | # | 37 |
| 69) Pentachlorophenol | 11.29 | 266 | 54703 | 14.375 | ng | | 96 |
| 70) Phenanthrene | 11.52 | 178 | 239 | 0.008 | ng | # | 59 |
| 71) Anthracene | 11.52 | 178 | 239 | 0.008 | ng | # | 60 |
| 73) Di-n-butylphthalate | 12.05 | 149 | 322 | 0.009 | ng | # | 78 |
| 74) Fluoranthene | 12.71 | 202 | 147 | 0.005 | ng | | 62 |
| 76) Benzidine | 13.08 | 184 | 6605 | 0.320 | ng | | 96 |
| 77) Pyrene | 12.94 | 202 | 122 | 0.003 | ng | # | 57 |
| 80) Benzo(a)anthracene | 14.14 | 228 | 1336 | 0.044 | ng | # | 46 |
| 82) Chrysene | 14.17 | 228 | 204 | 0.007 | ng | # | 48 |
| 83) Bis(2-ethylhexyl)phthalate | 14.11 | 149 | 114 | 0.005 | ng | # | 53 |
| 89) Benzo(a)pyrene | 15.67 | 252 | 1322 | 0.052 | ng | # | 70 |

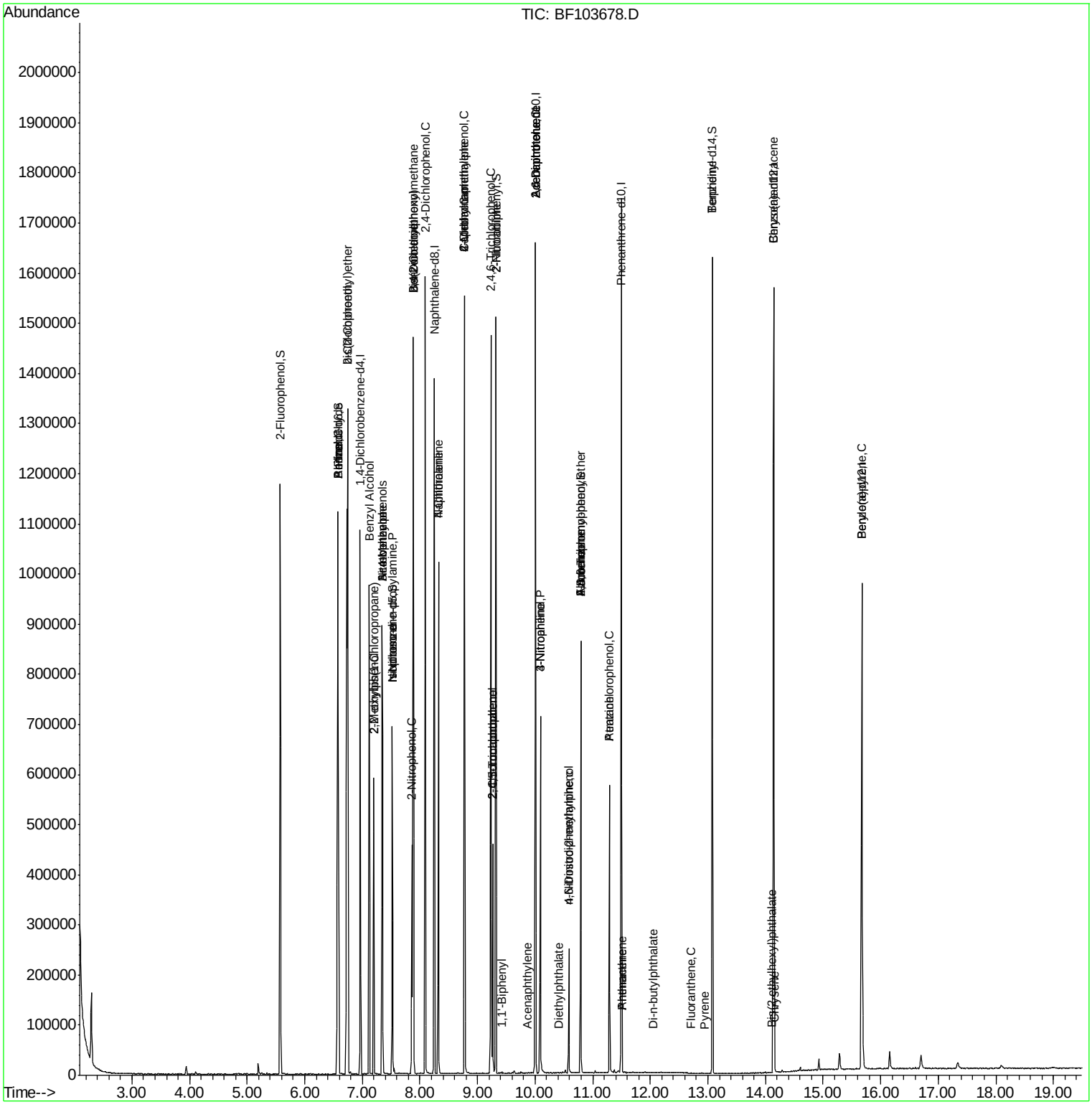
(#) = qualifier out of range (m) = manual integration (+) = signals summed

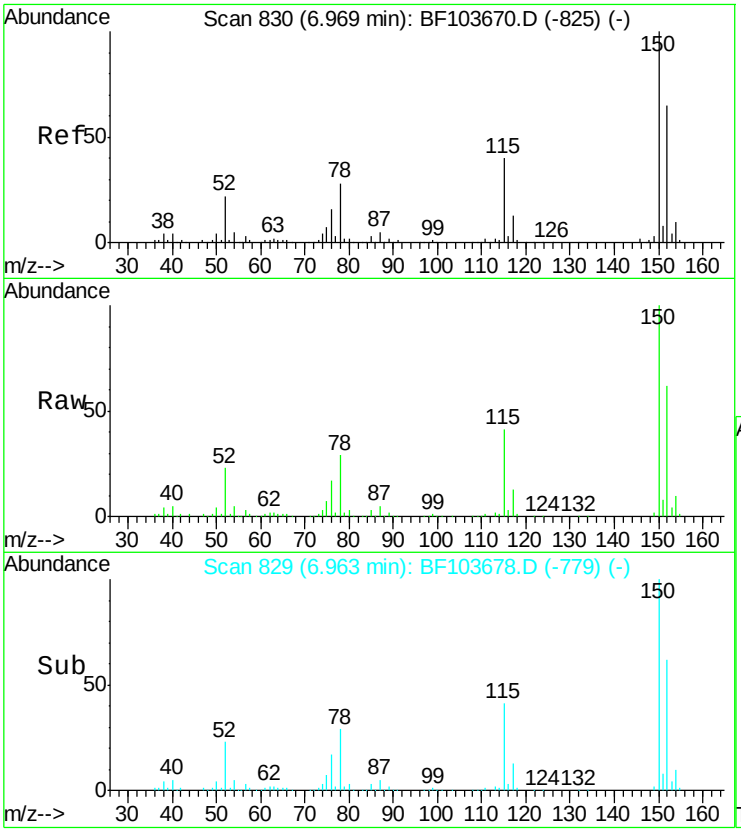
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
Data File : BF103678.D
Acq On : 15 Mar 2018 19:48
Operator : JU/SJ
Sample : J1888-06DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**

Quant Time: Mar 16 04:29:06 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration



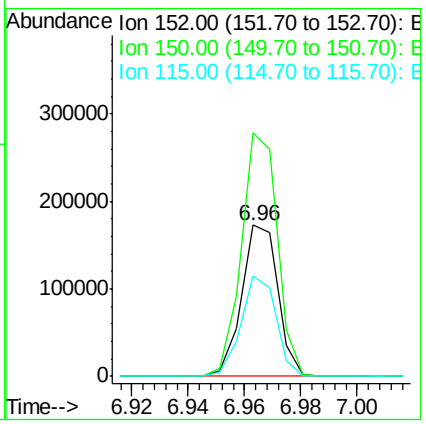


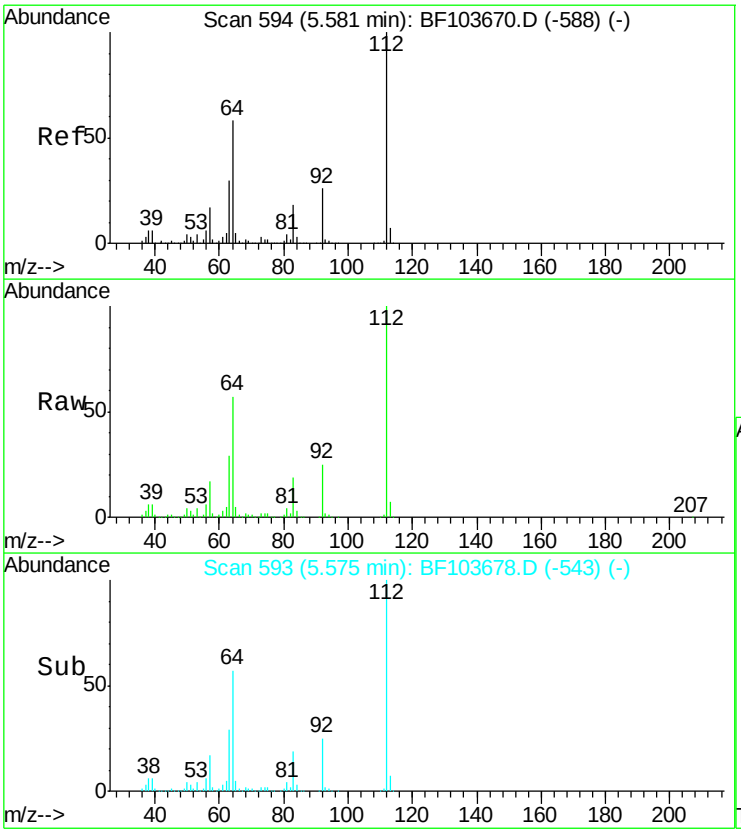

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:152 Resp: 153852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 161.4 | 124.6 | 186.8 |
| 115 | 66.6 | 50.1 | 75.1 |

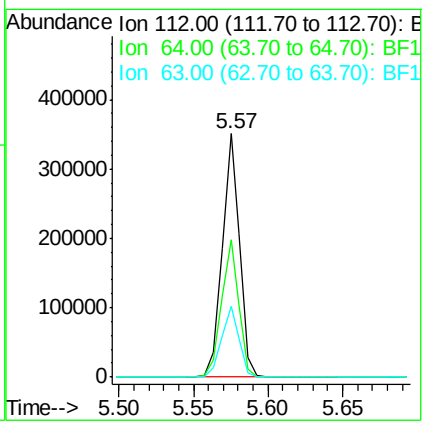


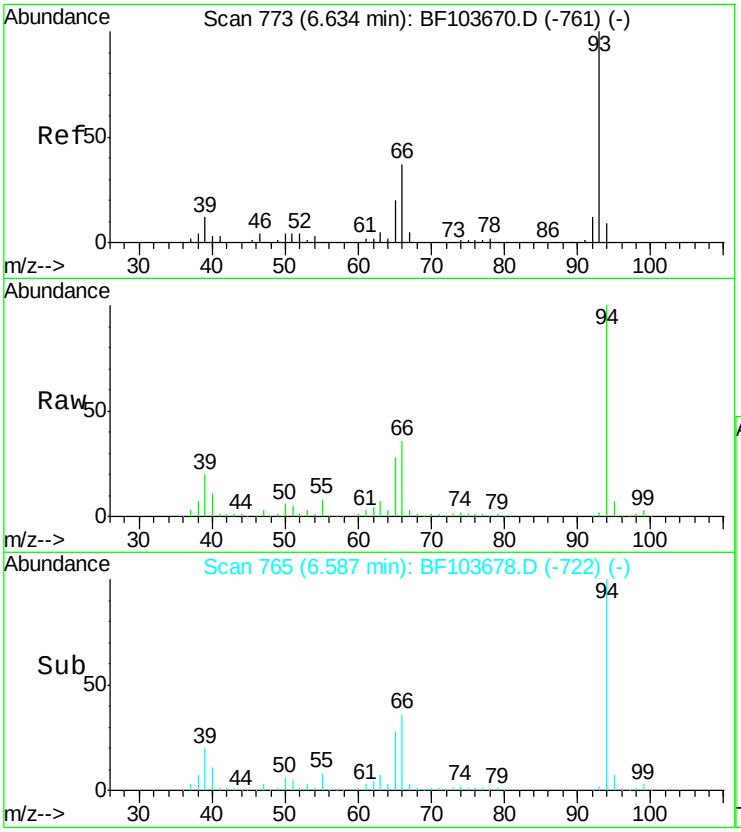




#5
2-Fluorophenol
Concen: 28.507 ng
RT: 5.57 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

Tgt Ion:112 Resp: 288355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 56.5 | 47.9 | 71.9 |
| 63 | 29.0 | 23.7 | 35.5 |



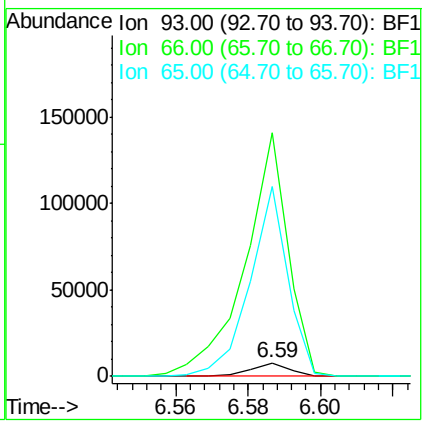


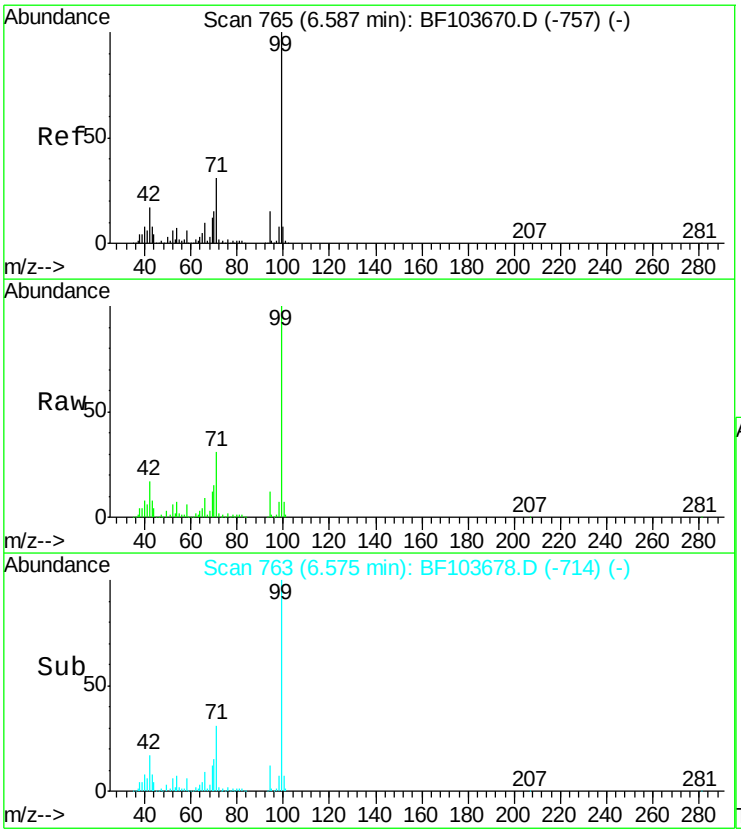

#6
Aniline
Concen: 0.321 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.05 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 93 Resp: 5666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 1771.7 | 32.2 | 48.2# |
| 65 | 1377.5 | 16.4 | 24.6# |

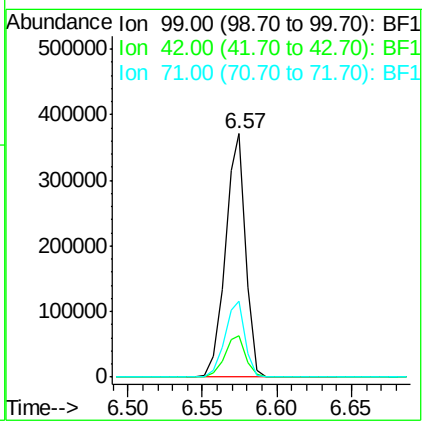


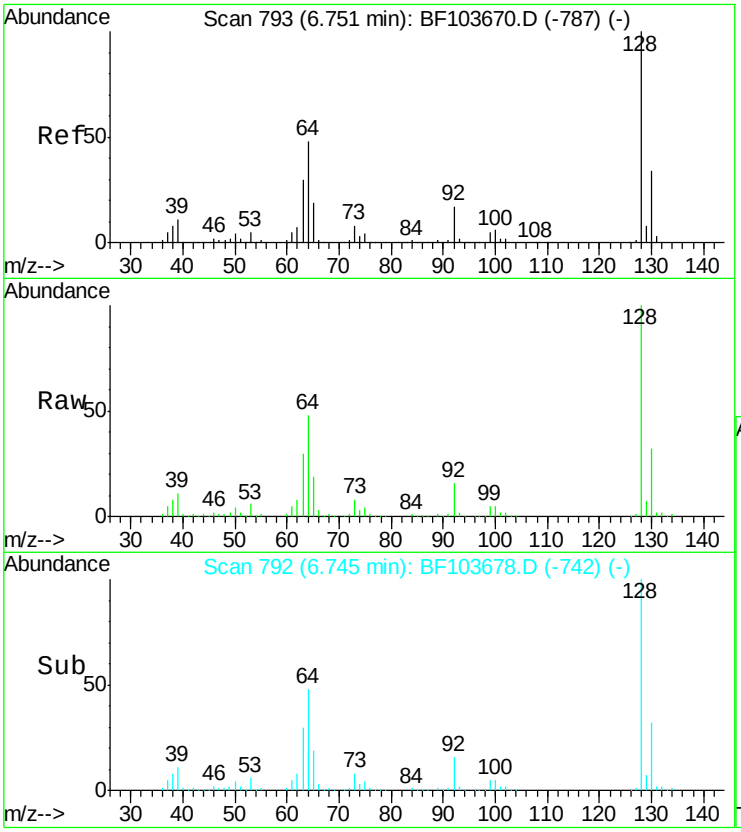




#7
Phenol-d6
Concen: 28.632 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

Tgt Ion: 99 Resp: 354324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.8 | 14.5 | 21.7 |
| 71 | 31.4 | 25.4 | 38.0 |



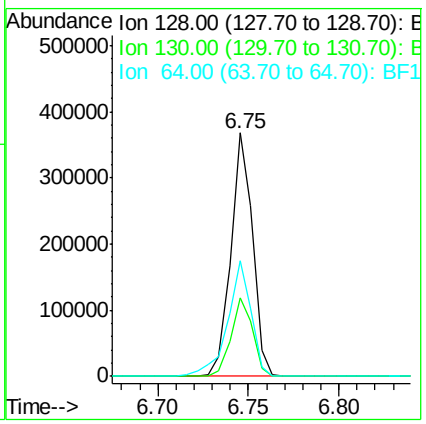


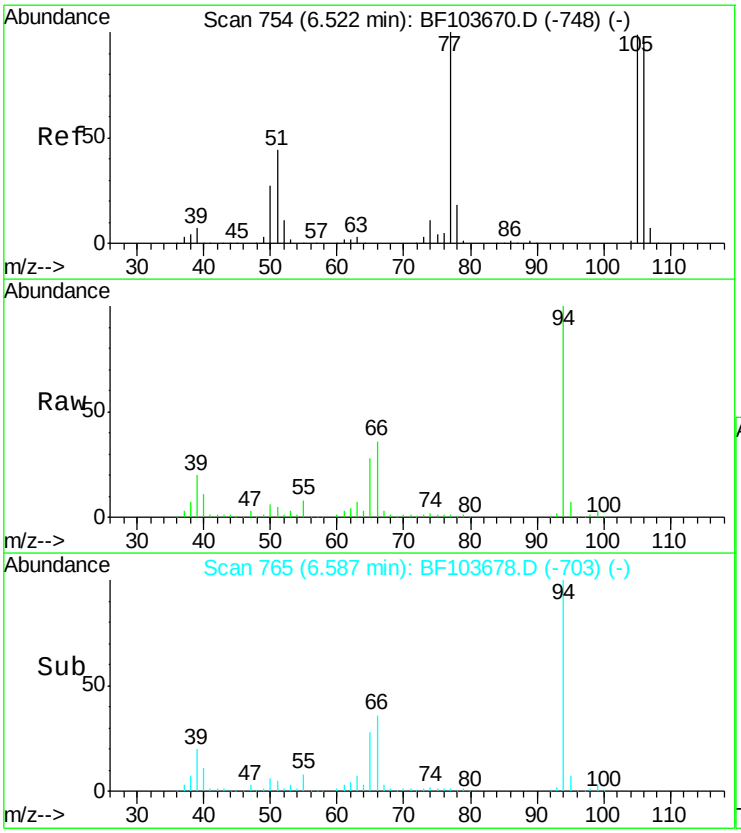

#8
2-Chlorophenol
Concen: 28.920 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:128 Resp: 306448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.4 | 13.0 | 53.0 |
| 64 | 47.6 | 29.4 | 69.4 |

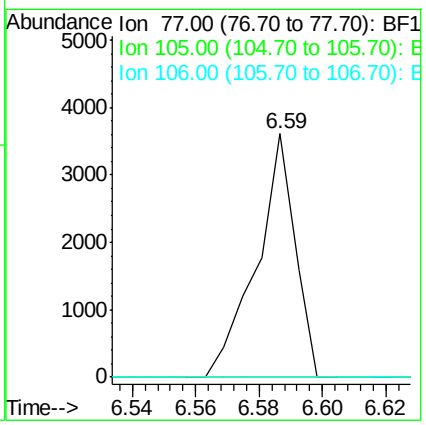


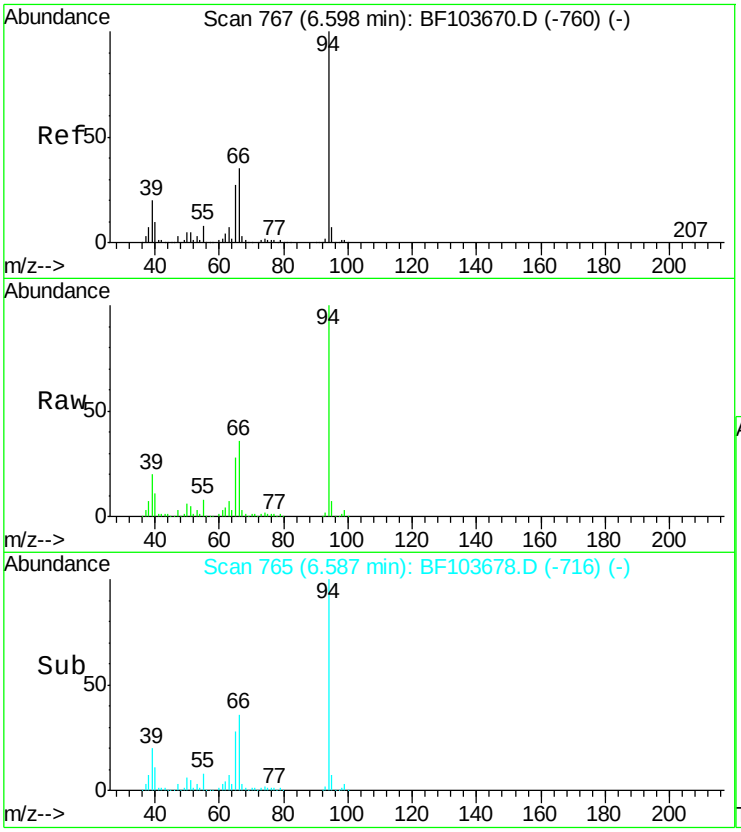




#9
Benzaldehyde
Concen: 0.374 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.06 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

Tgt Ion: 77 Resp: 3044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 0.0 | 81.1 | 121.1# |
| 106 | 0.0 | 74.5 | 114.5# |



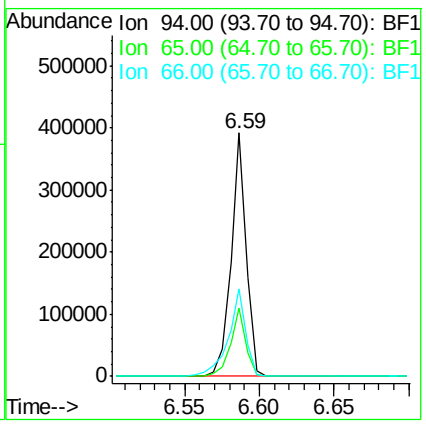


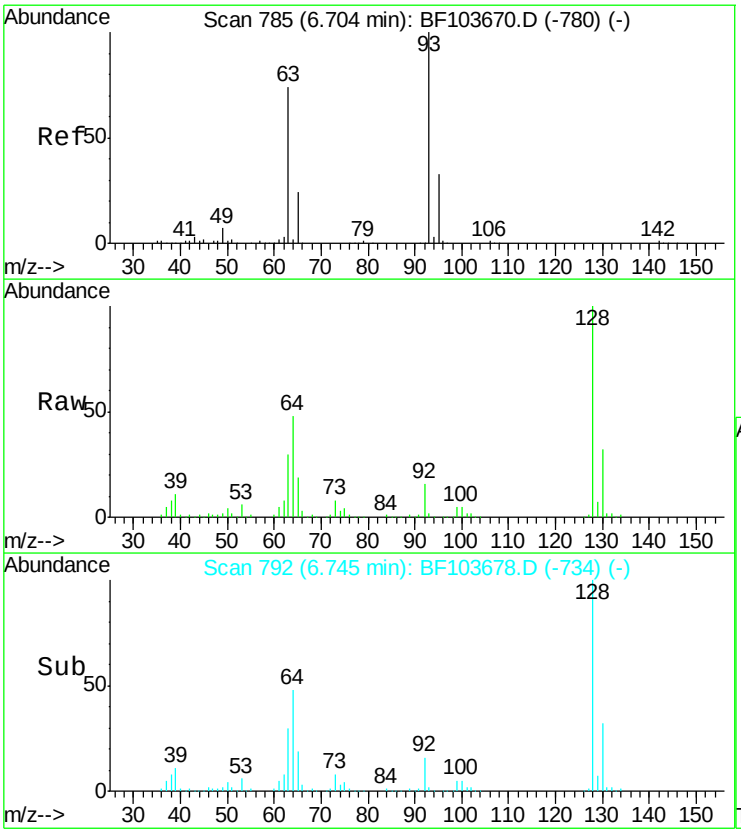

#10
Phenol
Concen: 21.432 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 94 Resp: 281826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.9 | 7.9 | 47.9 |
| 66 | 35.9 | 16.2 | 56.2 |

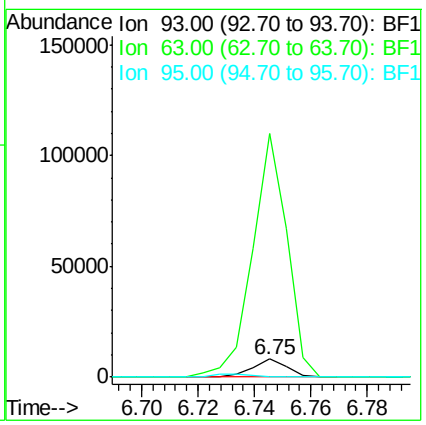


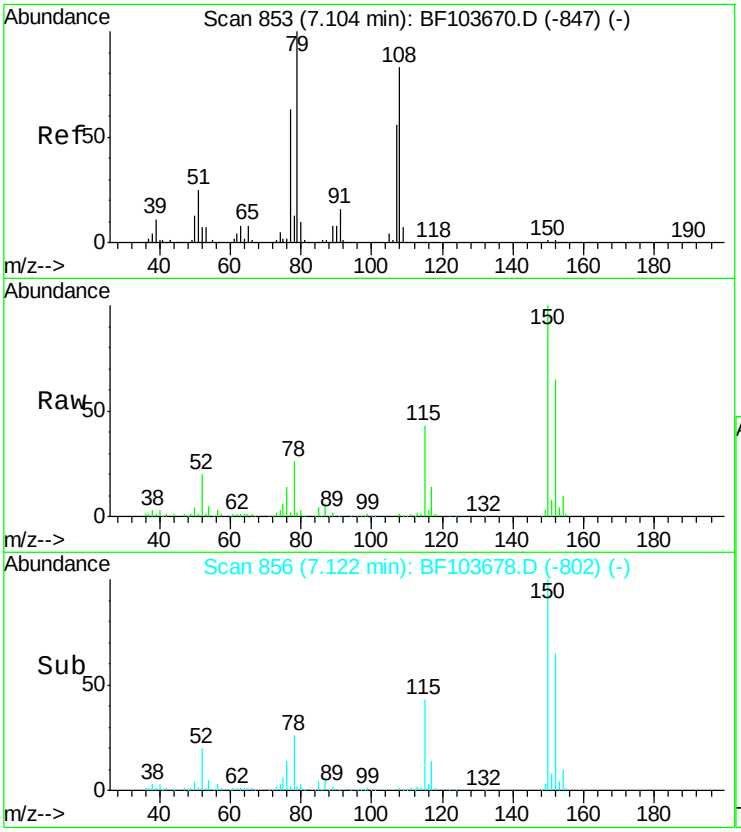




#11
bis(2-Chloroethyl)ether
Concen: 0.639 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.04 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

Tgt Ion: 93 Resp: 6936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 1367.3 | 58.6 | 98.6# |
| 95 | 0.0 | 11.8 | 51.8# |



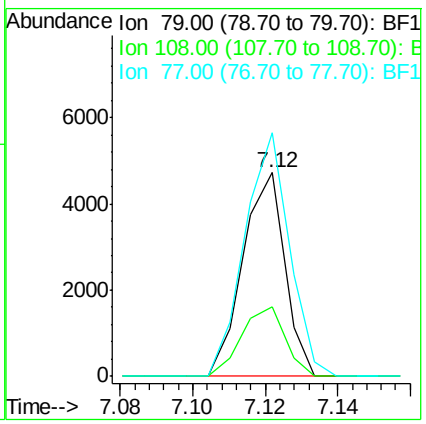


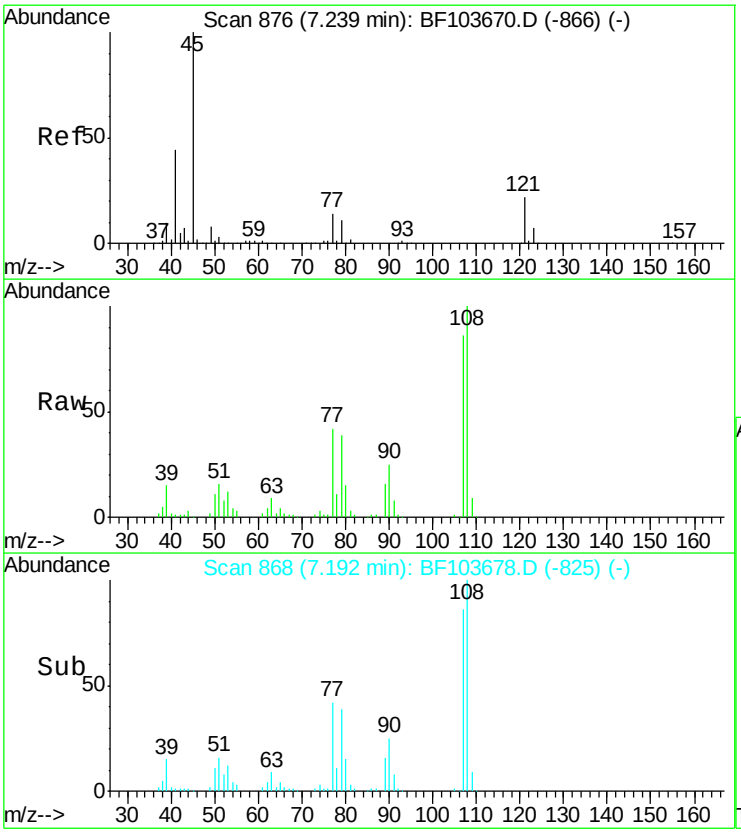

#15
Benzyl Alcohol
Concen: 0.394 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.02 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 79 Resp: 3782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 34.3 | 65.1 | 97.7# |
| 77 | 119.6 | 50.6 | 75.8# |

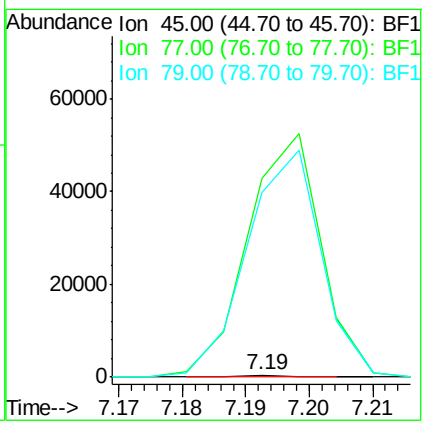


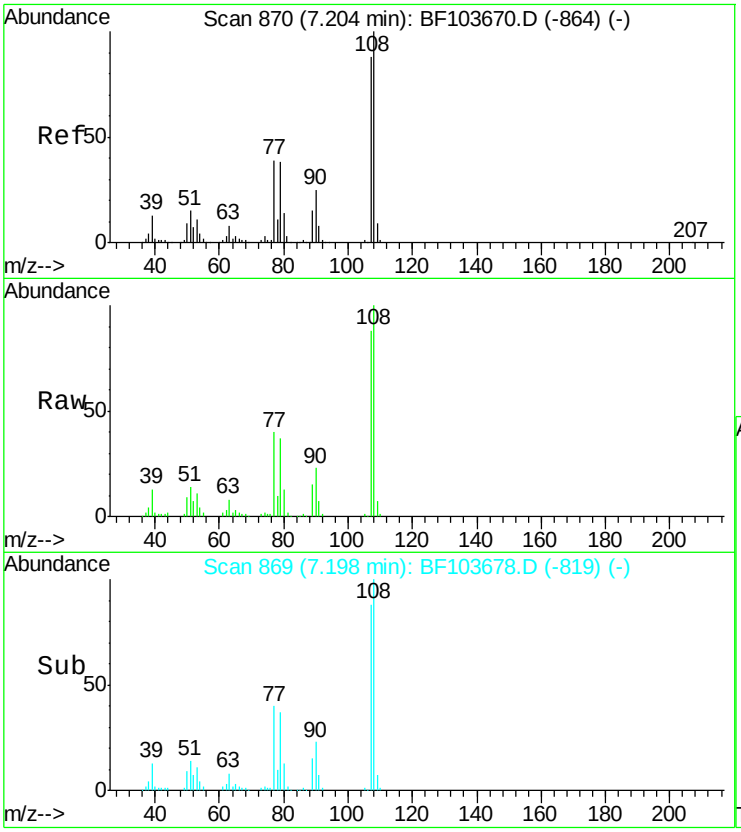




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.008 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.05 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

Tgt Ion: 45 Resp: 127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 11913.3 | 0.0 | 32.9# |
| 79 | 11100.0 | 0.0 | 29.6# |



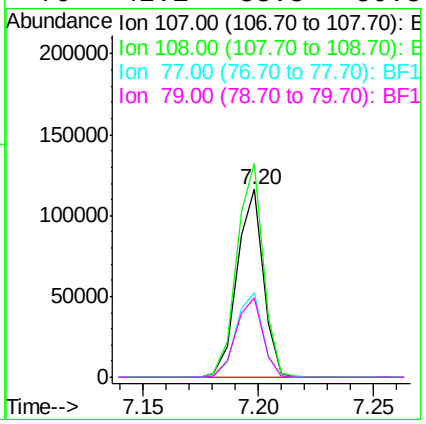


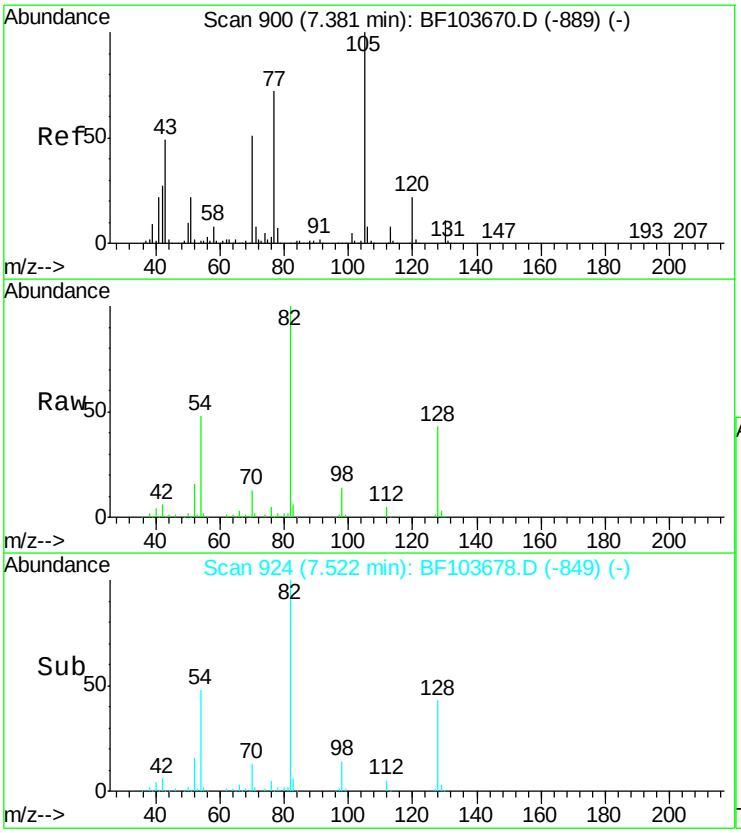

#17
2-Methylphenol
Concen: 9.753 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:107 Resp: 92034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 113.6 | 91.7 | 137.5 |
| 77 | 45.2 | 33.8 | 50.8 |
| 79 | 42.1 | 33.8 | 50.8 |

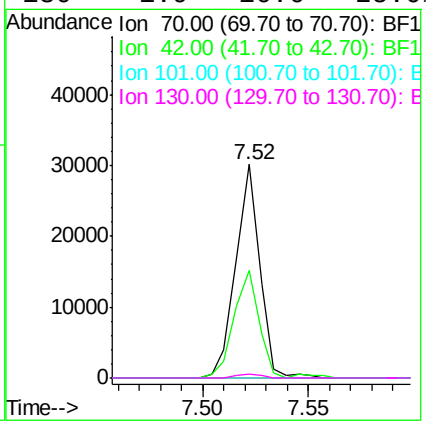


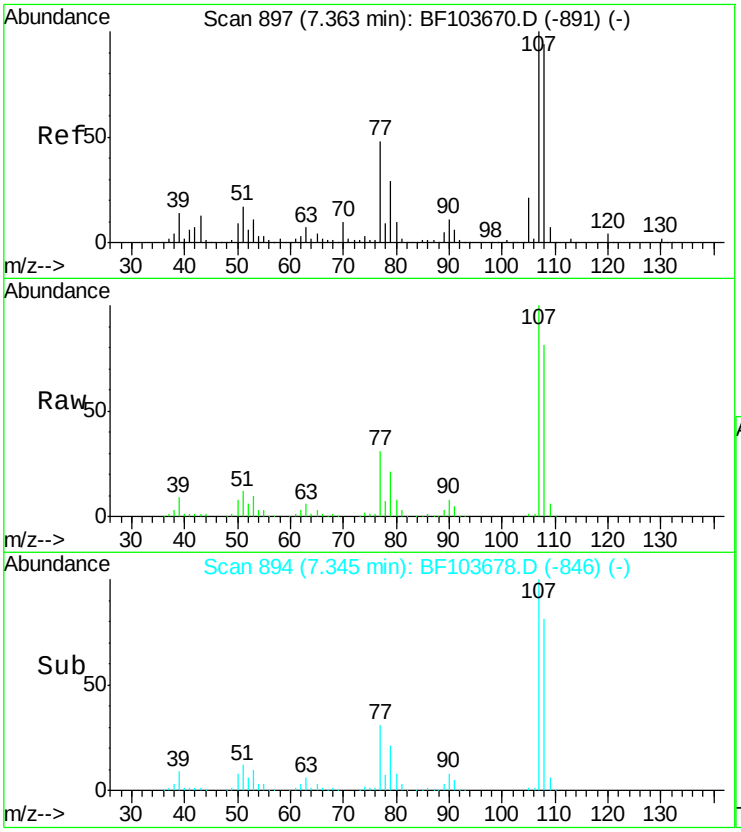




#19
n-Nitroso-di-n-propylamine
Concen: 2.988 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.14 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

Tgt Ion: 70 Resp: 23699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 50.1 | 47.5 | 71.3 |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 1.9 | 16.6 | 25.0# |



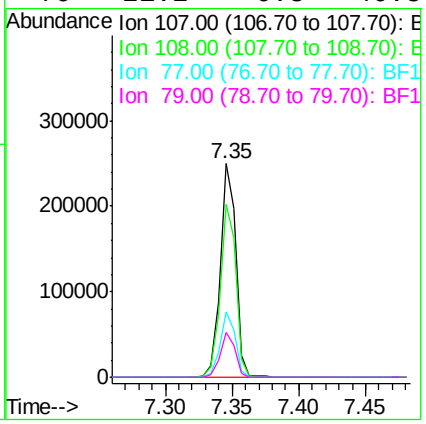


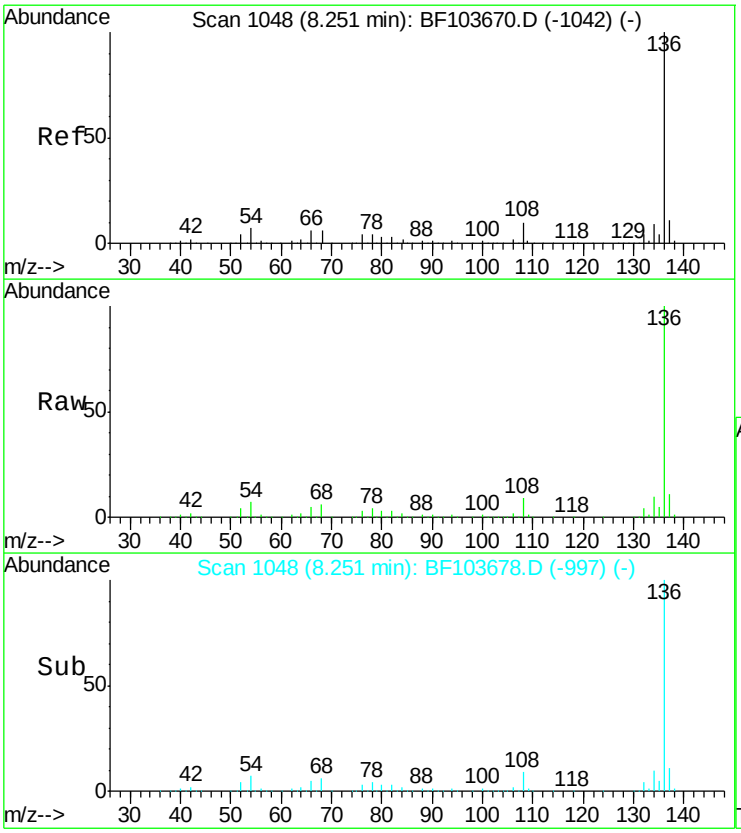

#20
3+4-Methylphenols
Concen: 17.178 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:107 Resp: 205710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 81.2 | 68.2 | 108.2 |
| 77 | 30.7 | 26.7 | 66.7 |
| 79 | 21.2 | 6.3 | 46.3 |

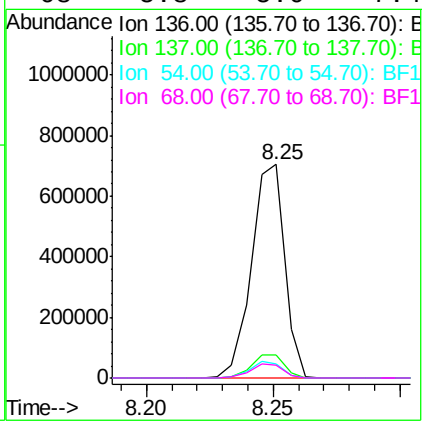


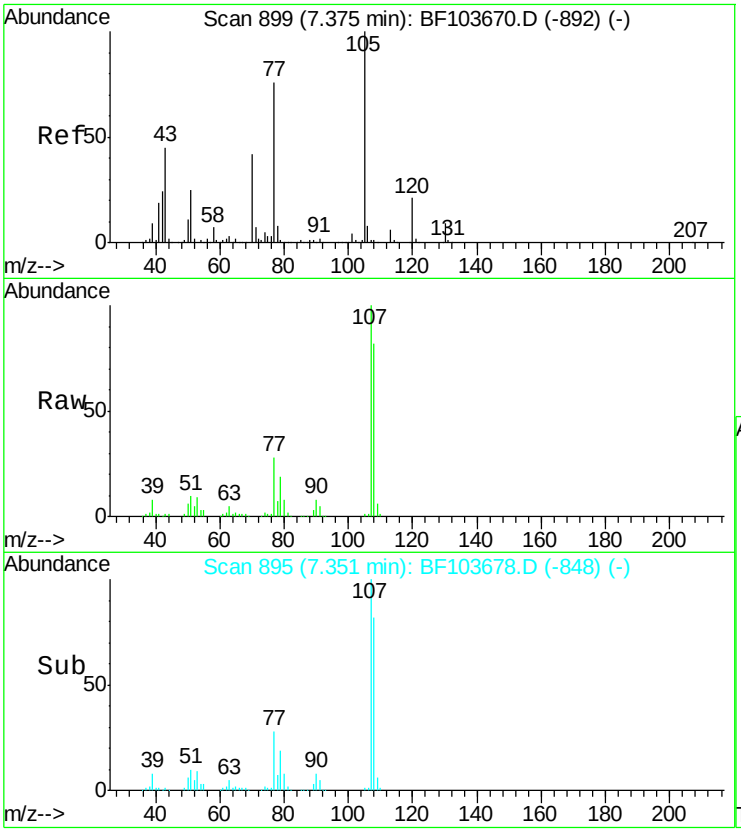




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

Tgt Ion:136 Resp: 647885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.9 | 13.3 |
| 54 | 6.7 | 6.6 | 9.8 |
| 68 | 5.8 | 5.0 | 7.4 |



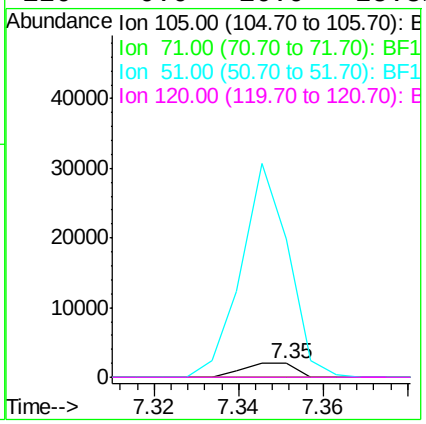


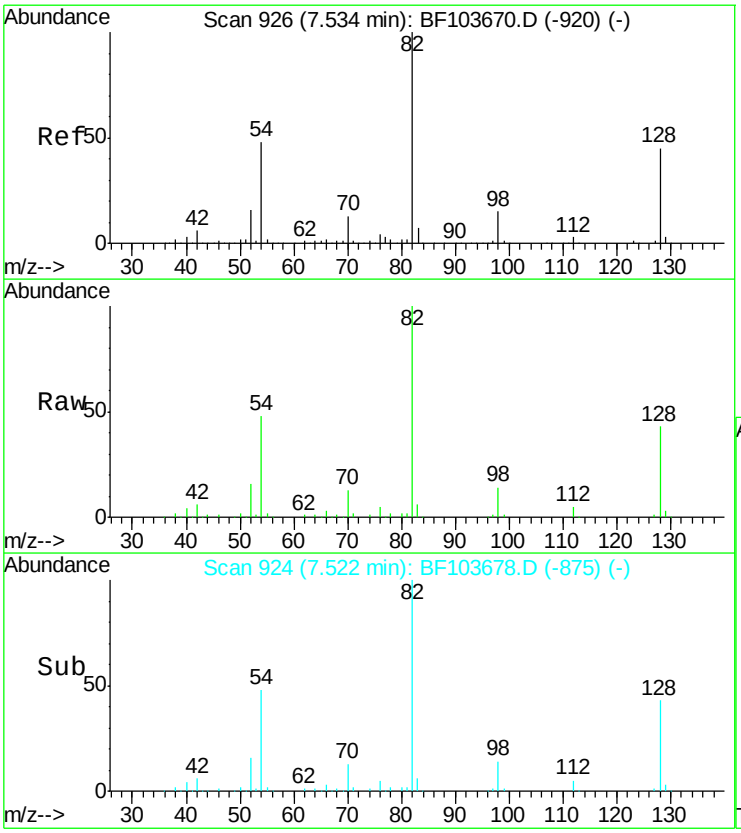

#22
Acetophenone
Concen: 0.104 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:105 Resp: 1739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 0.0 | 4.4 | 6.6# |
| 51 | 991.7 | 22.3 | 33.5# |
| 120 | 0.0 | 16.9 | 25.3# |

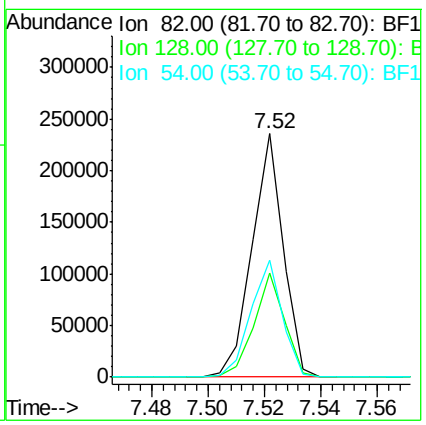


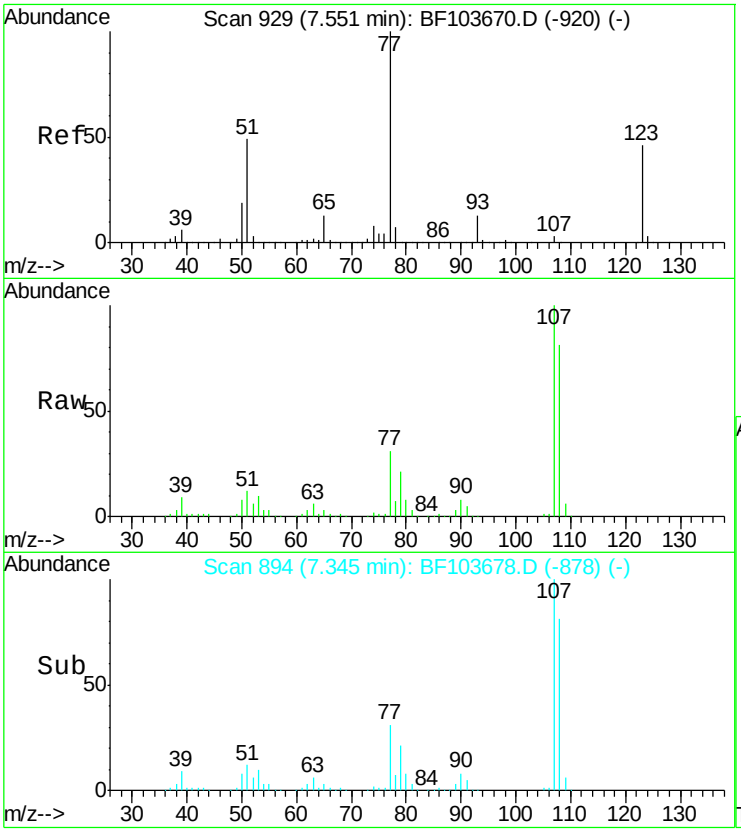




#23
Nitrobenzene-d5
Concen: 19.449 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

Tgt Ion: 82 Resp: 180692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.0 | 36.1 | 54.1 |
| 54 | 48.2 | 41.4 | 62.2 |



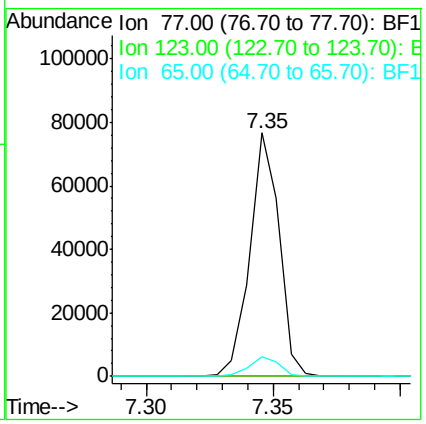


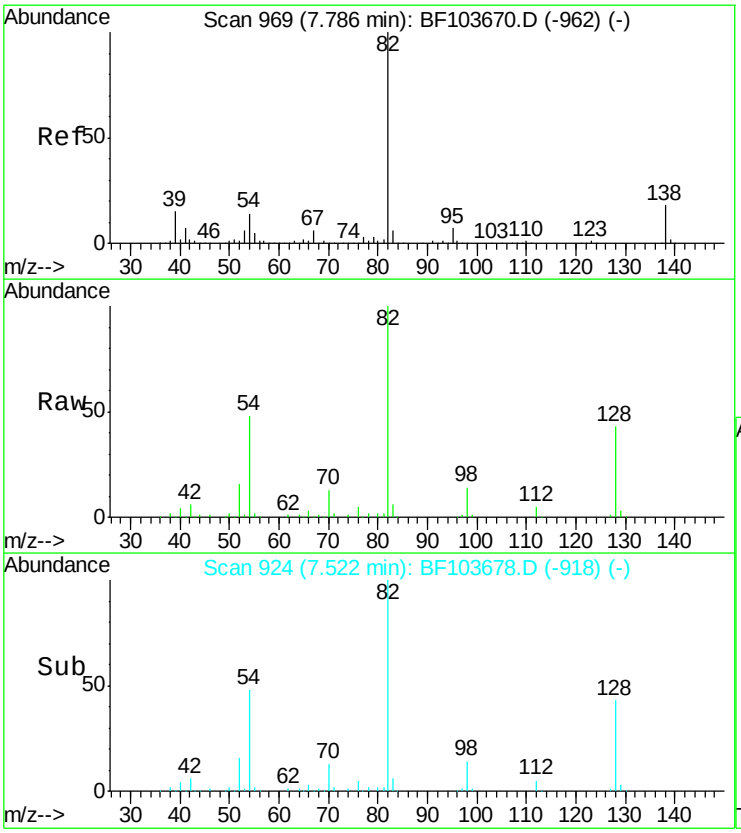

#24
Nitrobenzene
Concen: 5.652 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.21 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 77 Resp: 61648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 0.0 | 37.9 | 56.9# |
| 65 | 8.2 | 11.0 | 16.4# |

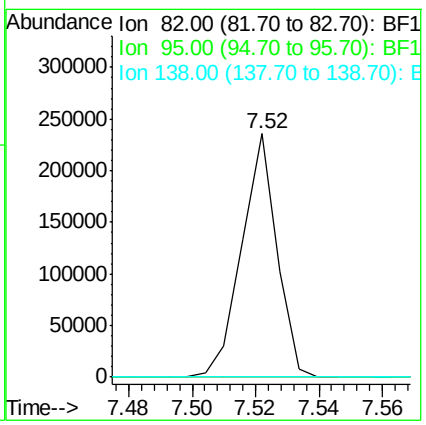


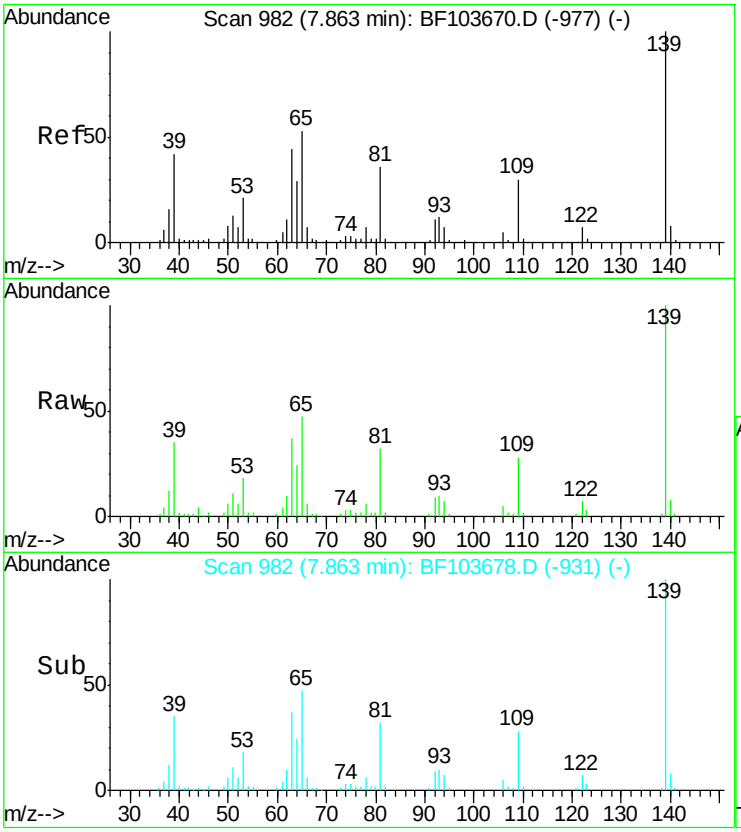




#25
Isophorone
Concen: 8.402 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.26 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

Tgt Ion: 82 Resp: 180692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.2 | 7.8# |
| 138 | 0.0 | 14.9 | 22.3# |



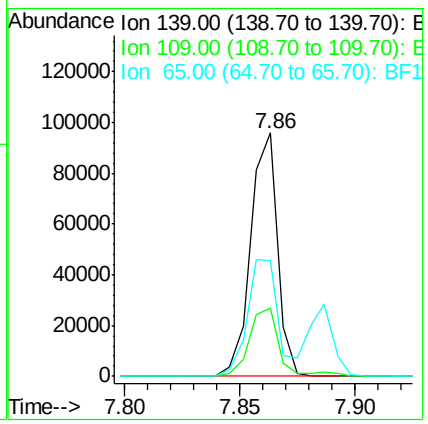


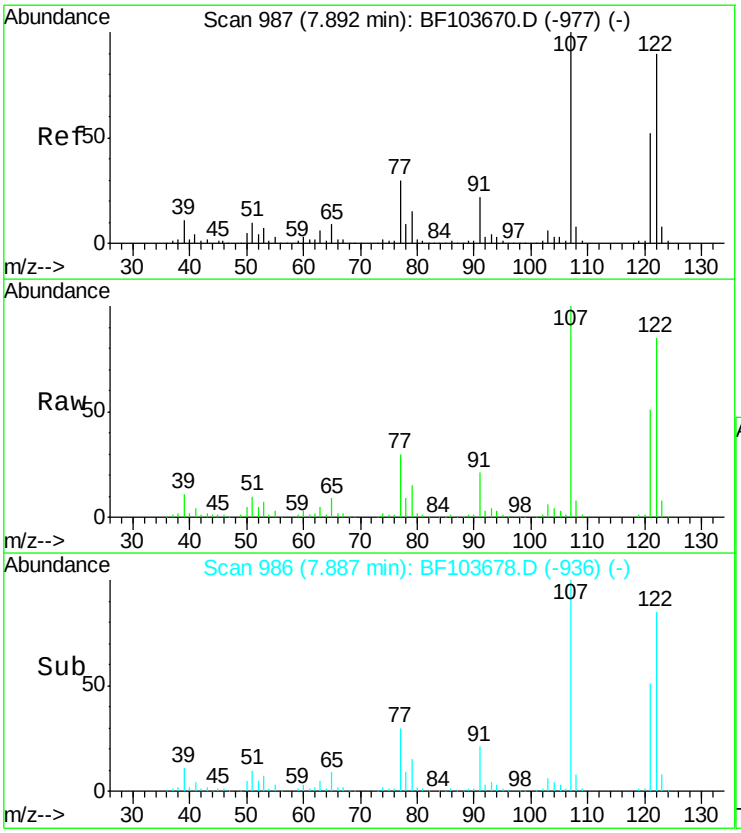

#26
2-Nitrophenol
Concen: 24.595 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:139 Resp: 78266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 27.8 | 22.7 | 34.1 |
| 65 | 47.4 | 40.5 | 60.7 |

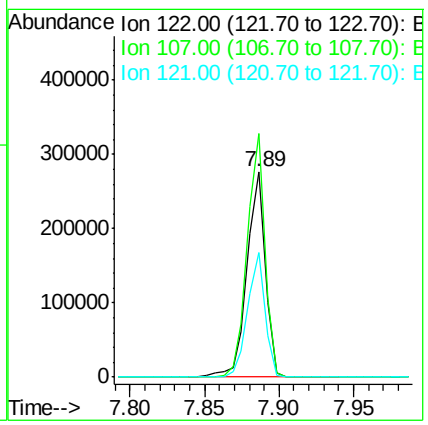


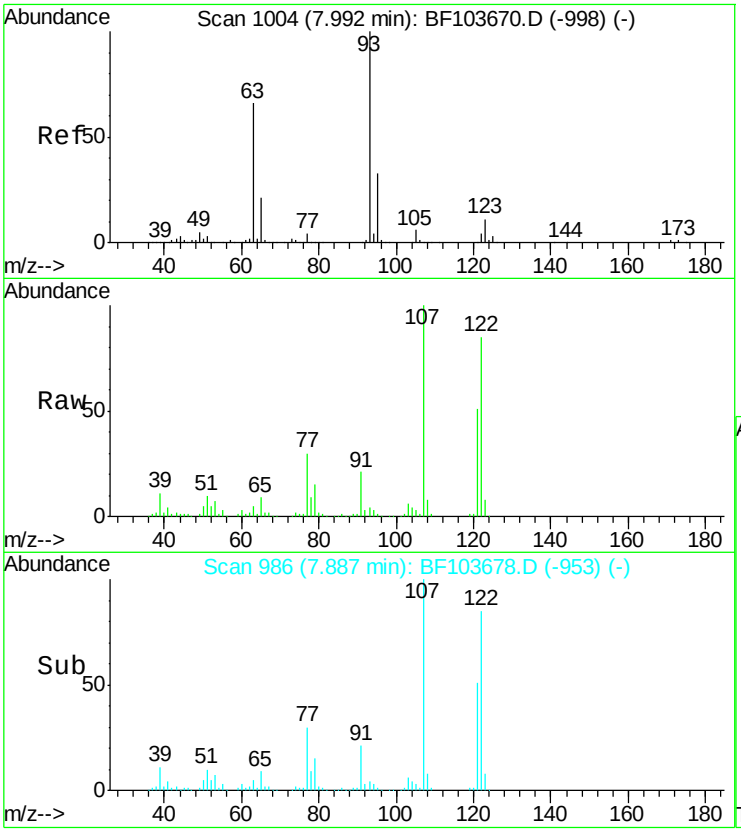




#27
2,4-Dimethylphenol
Concen: 25.559 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

Tgt Ion:122 Resp: 235487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 118.3 | 91.2 | 136.8 |
| 121 | 60.5 | 47.2 | 70.8 |



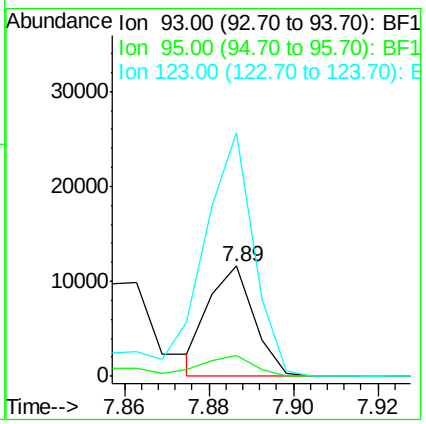


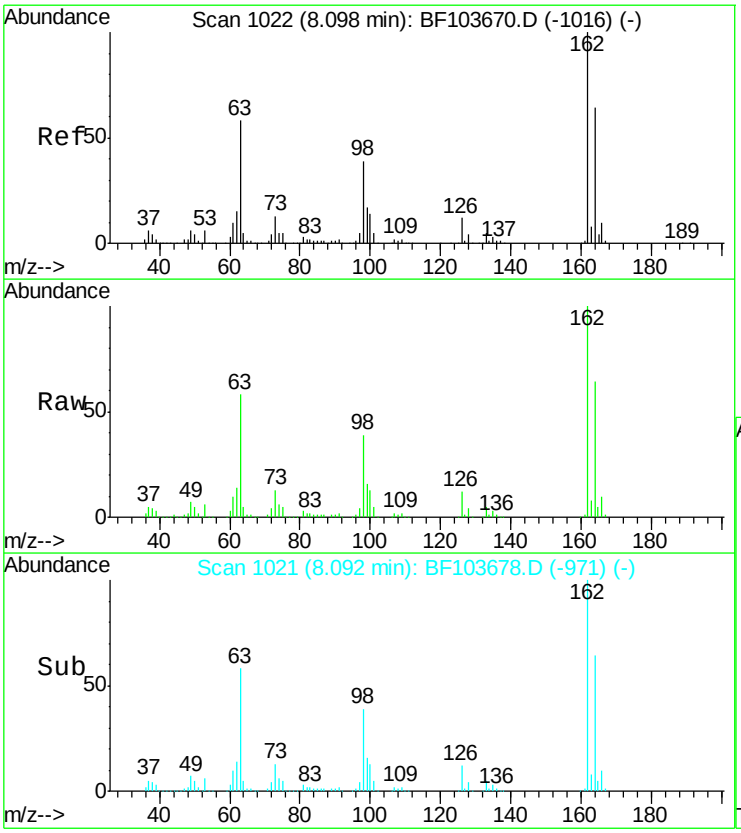

#28
bis(2-Chloroethoxy)methane
Concen: 0.660 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.11 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 93 Resp: 8595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 19.4 | 26.3 | 39.5# |
| 123 | 221.4 | 9.8 | 14.6# |

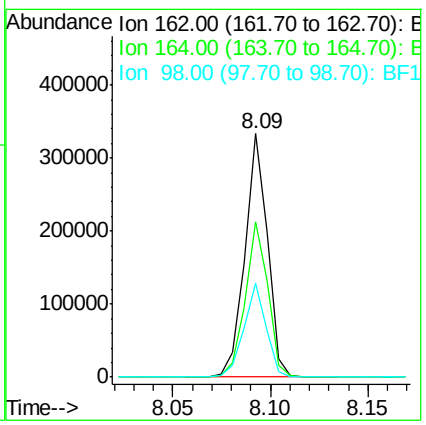


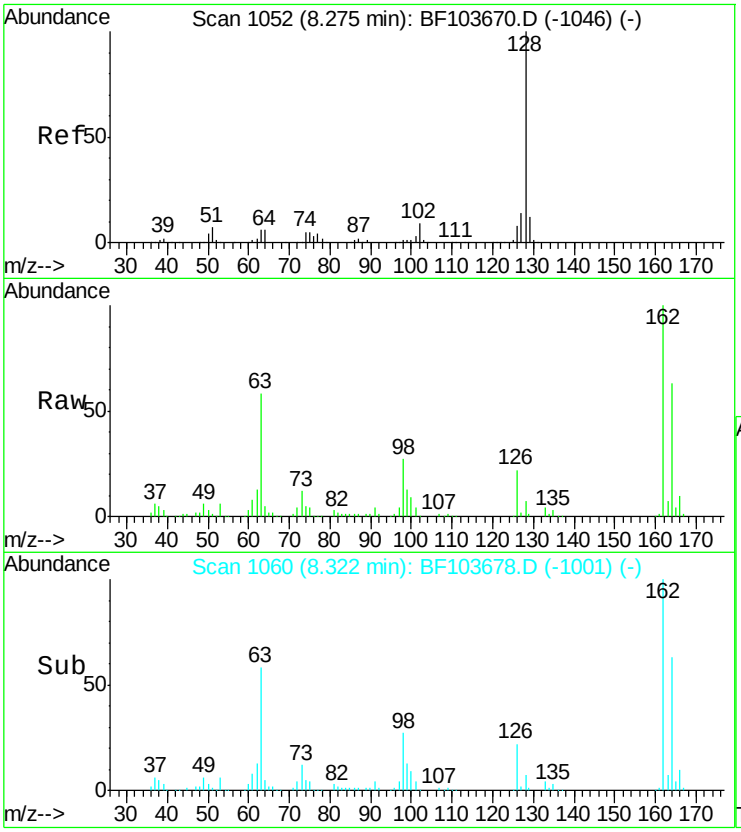




#29
2,4-Dichlorophenol
Concen: 31.784 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

Tgt Ion:162 Resp: 266430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.5 | 42.7 | 82.7 |
| 98 | 38.7 | 18.1 | 58.1 |



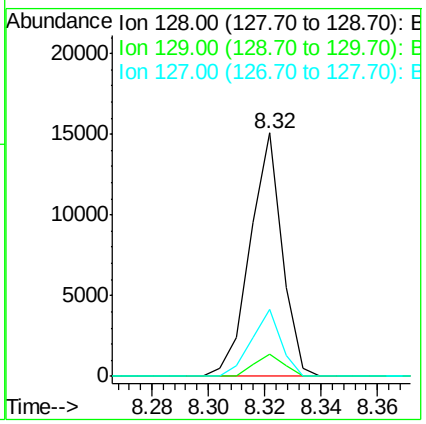


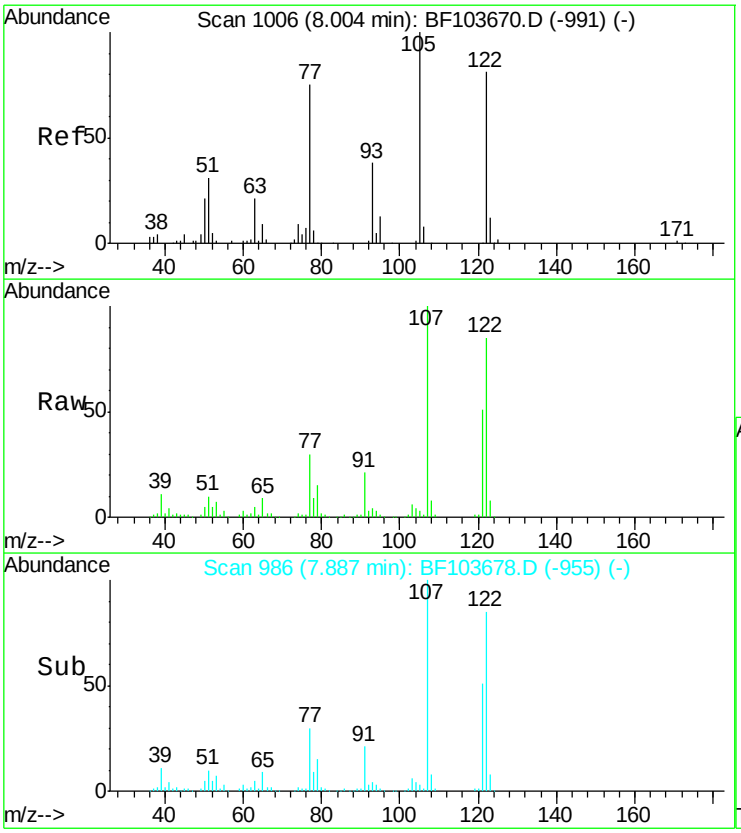

#31
Naphthalene
Concen: 0.362 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.05 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:128 Resp: 11844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 9.2 | 8.8 | 13.2 |
| 127 | 27.3 | 10.9 | 16.3# |

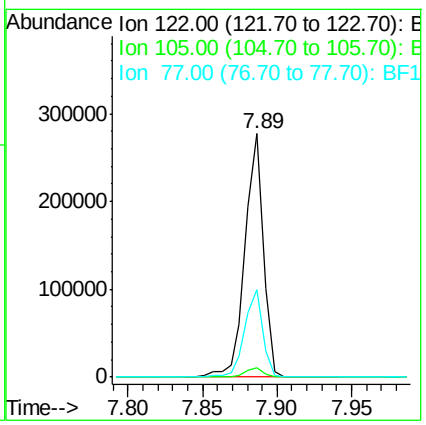


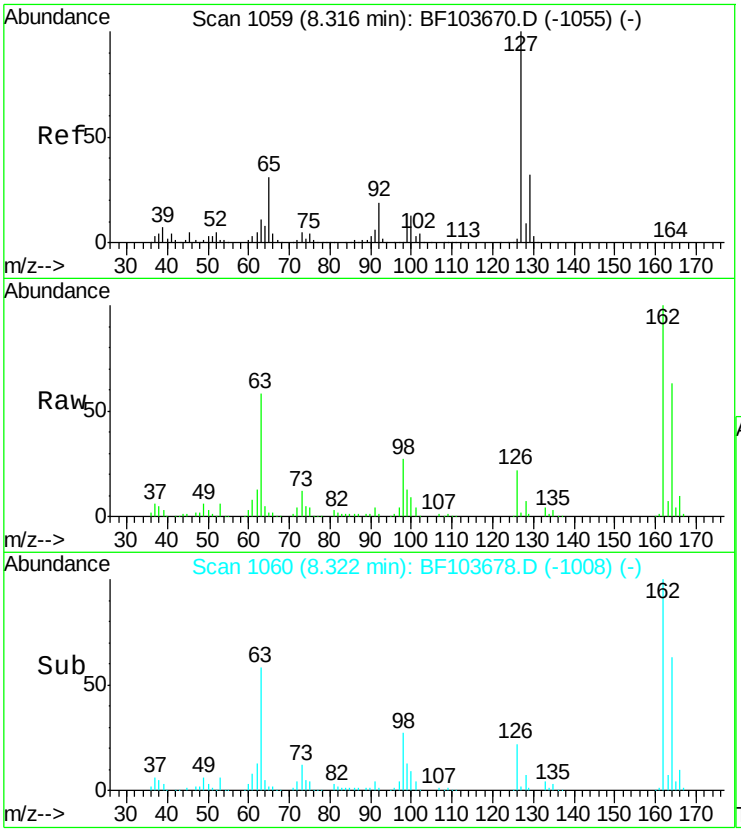




#32
Benzoic acid
Concen: 38.653 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.12 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

Tgt Ion:122 Resp: 235487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 4.0 | 101.1 | 141.1# |
| 77 | 35.9 | 70.7 | 110.7# |



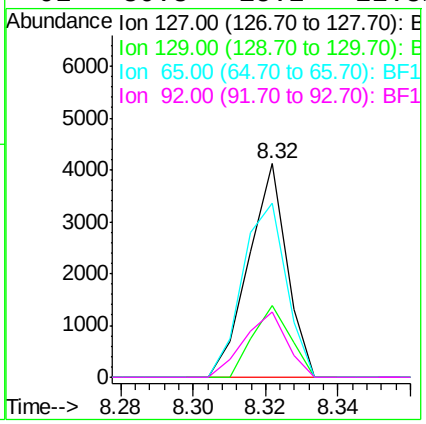


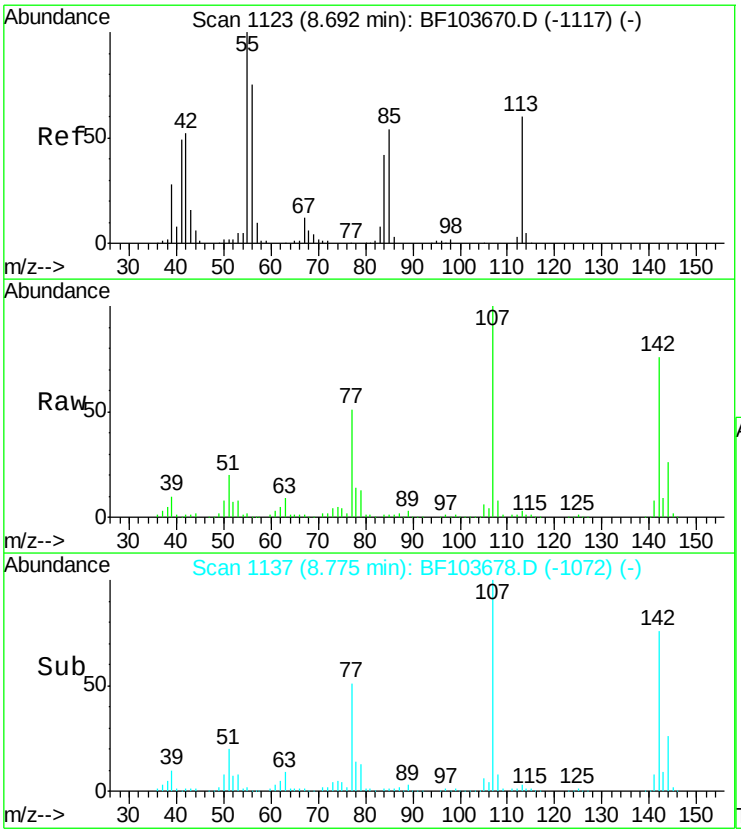

#33
4-Chloroaniline
Concen: 0.220 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:127 Resp: 3020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 33.7 | 25.9 | 38.9 |
| 65 | 81.7 | 25.0 | 37.4# |
| 92 | 30.8 | 15.2 | 22.8# |

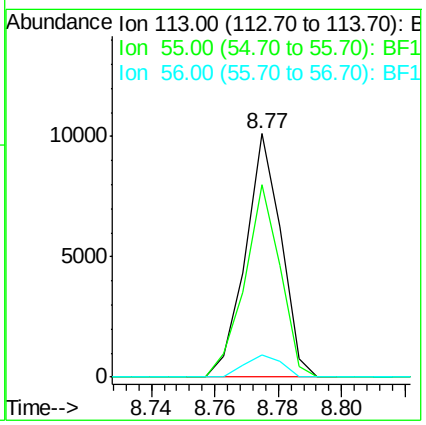


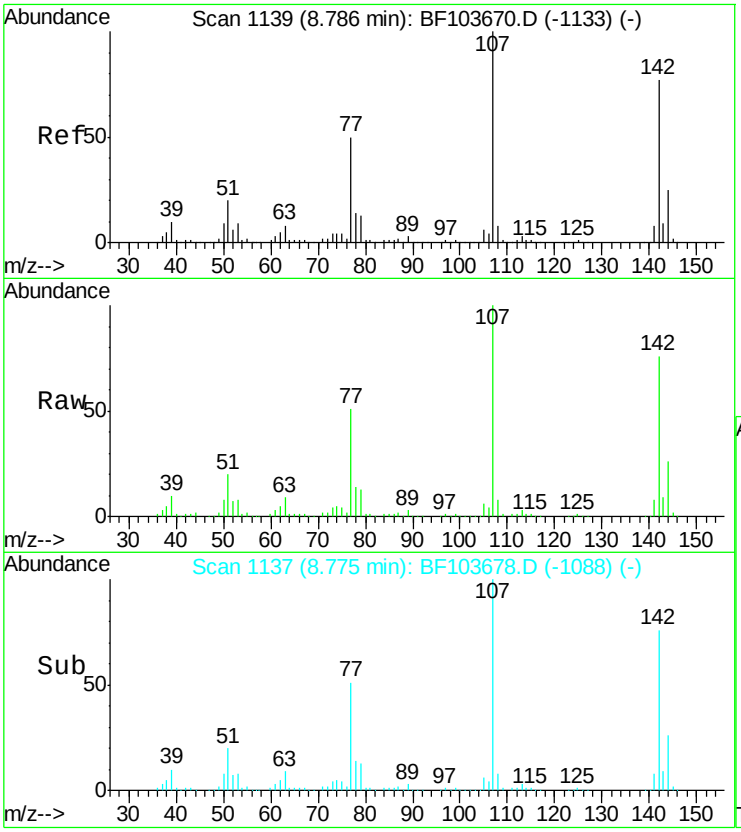




#35
Caprolactam
Concen: 2.729 ng
RT: 8.77 min Scan# 1137
Delta R.T. 0.08 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

Tgt Ion:113 Resp: 7876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 79.2 | 163.3 | 203.3# |
| 56 | 9.2 | 115.7 | 155.7# |



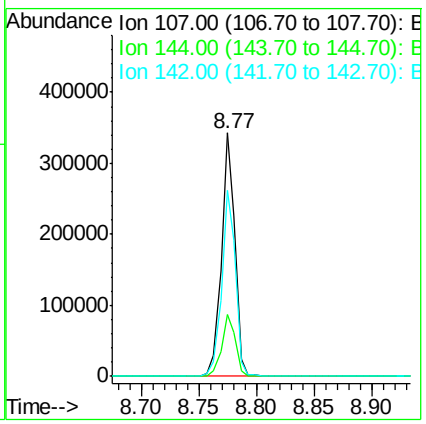


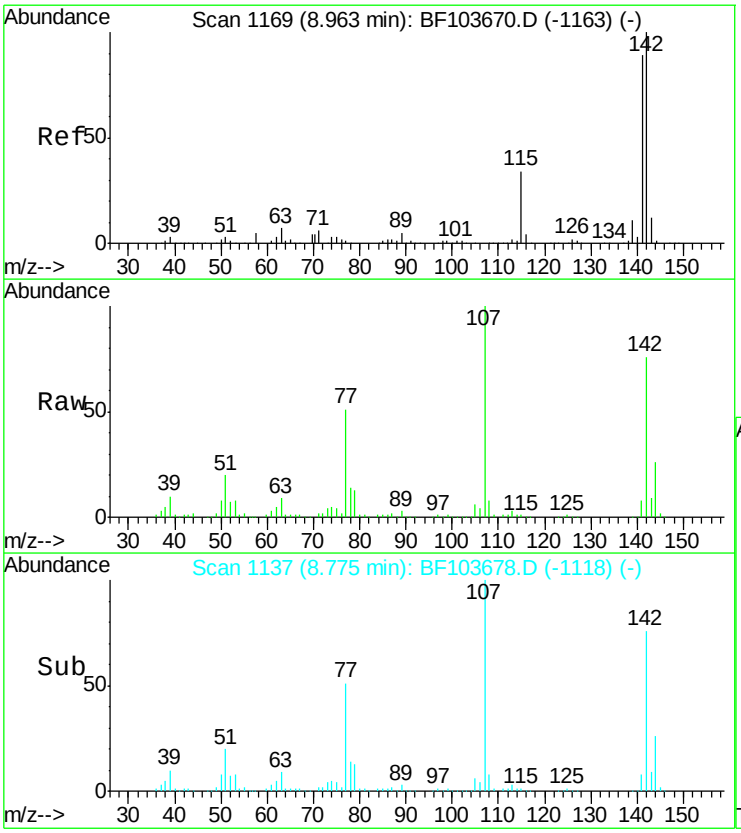

#36
4-Chloro-3-methylphenol
Concen: 30.132 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:107 Resp: 278453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.5 | 20.5 | 30.7 |
| 142 | 76.4 | 62.0 | 93.0 |

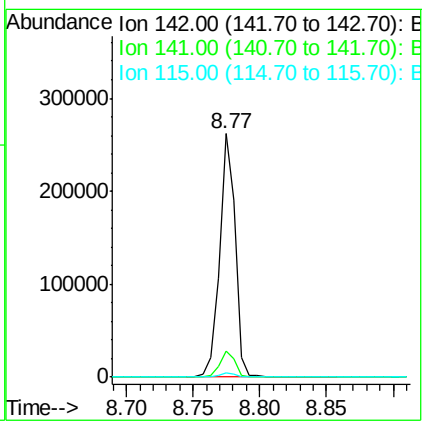


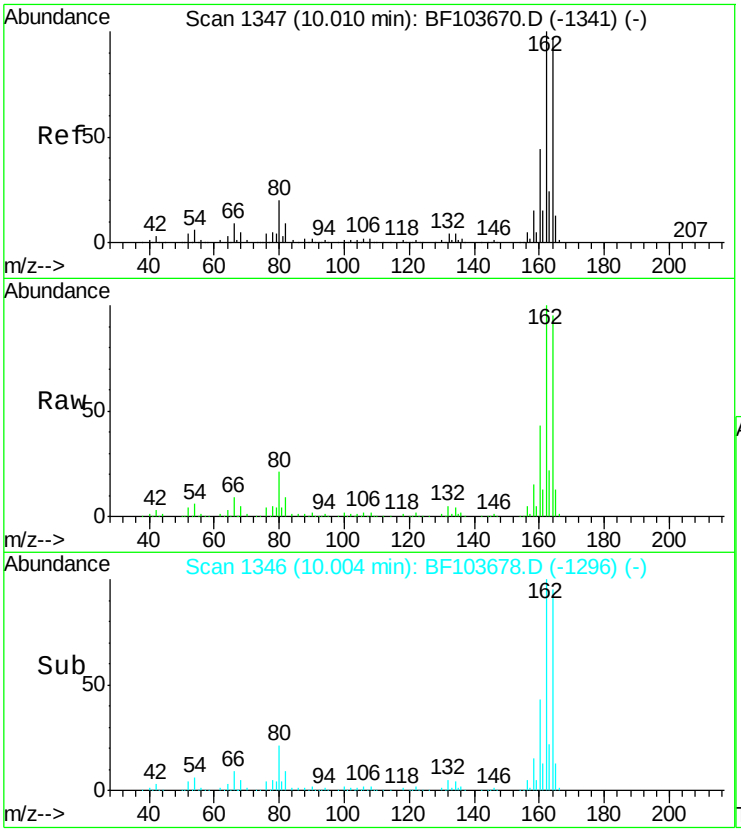




#37
2-Methylnaphthalene
Concen: 10.449 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.19 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

Tgt Ion:142 Resp: 216868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 10.4 | 70.8 | 106.2# |
| 115 | 1.7 | 26.1 | 39.1# |



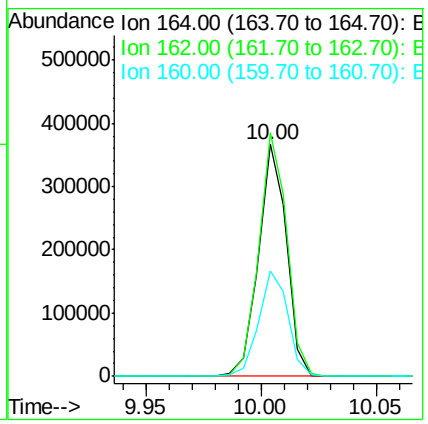


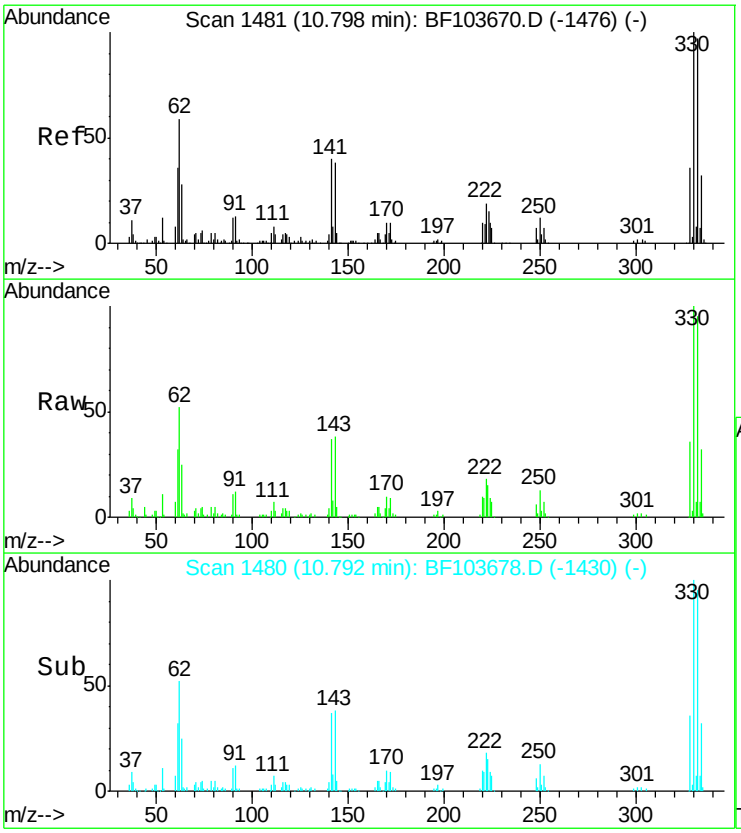

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:164 Resp: 308728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.0 | 86.1 | 129.1 |
| 160 | 45.5 | 38.3 | 57.5 |

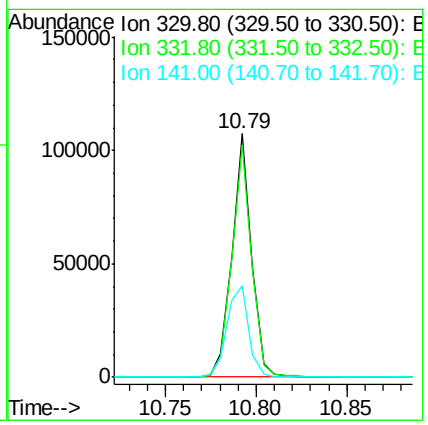


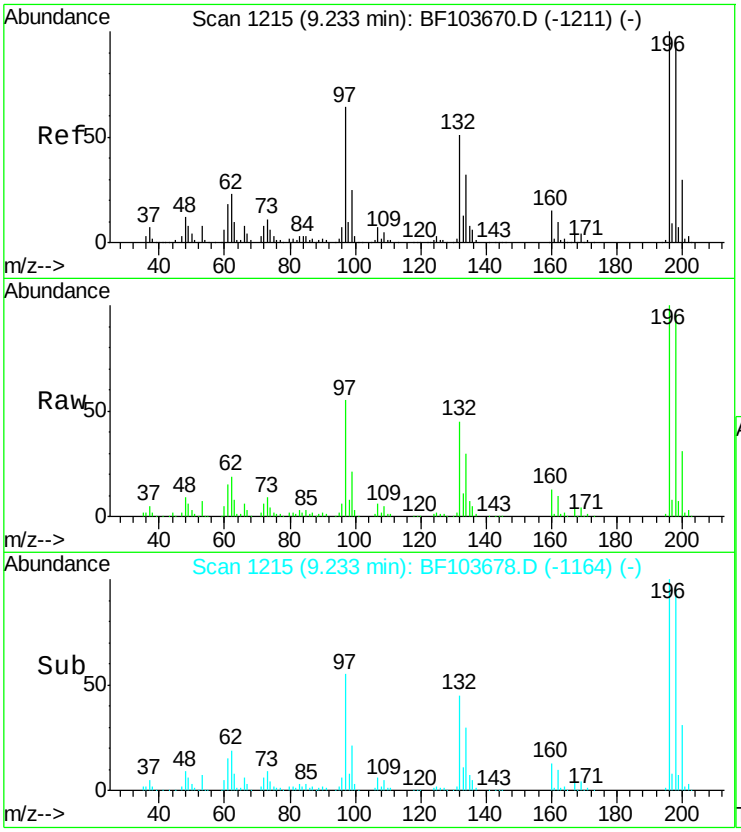




#41
2,4,6-Tribromophenol
Concen: 30.407 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

Tgt Ion:330 Resp: 80715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.7 | 77.0 | 115.6 |
| 141 | 41.7 | 29.9 | 44.9 |



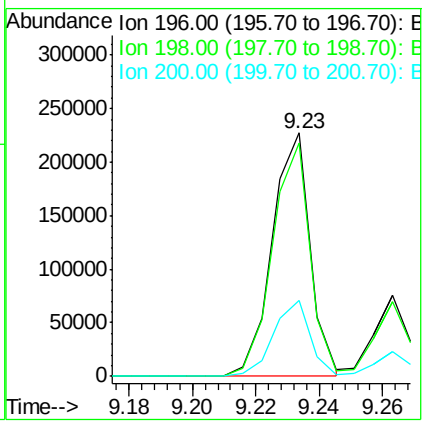


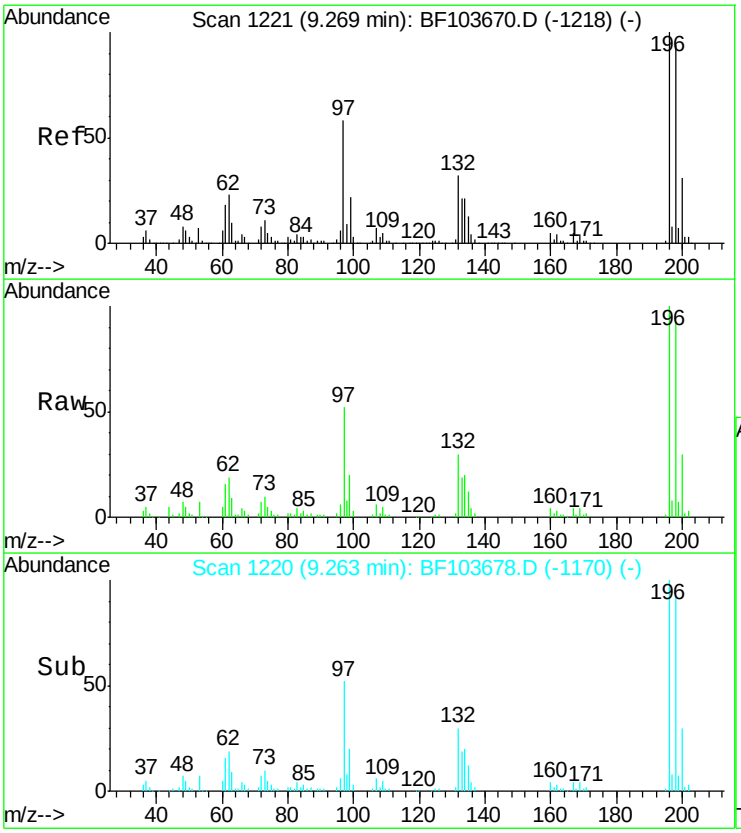

#42
2,4,6-Trichlorophenol
Concen: 33.577 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:196 Resp: 189161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.0 | 75.7 | 113.5 |
| 200 | 31.2 | 24.5 | 36.7 |

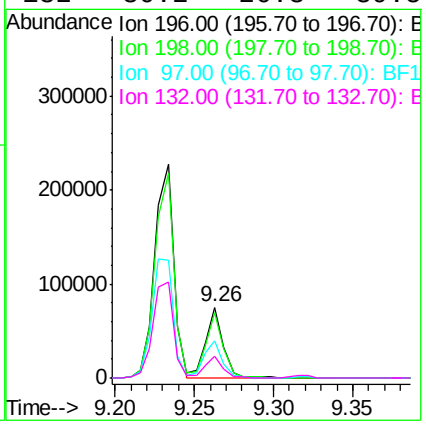


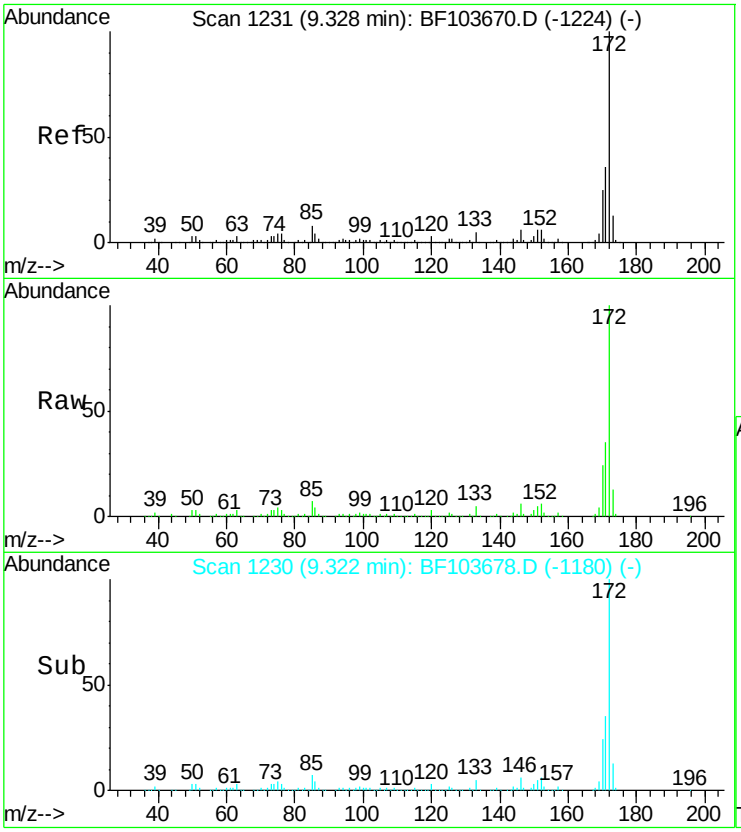




#43
2,4,5-Trichlorophenol
Concen: 9.230 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

Tgt Ion:196 Resp: 58692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.2 | 74.6 | 112.0 |
| 97 | 51.9 | 42.9 | 64.3 |
| 132 | 30.2 | 26.3 | 39.5 |



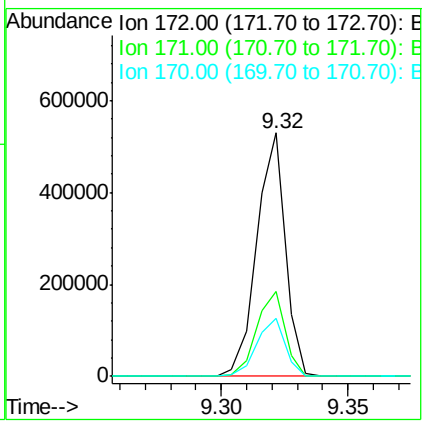


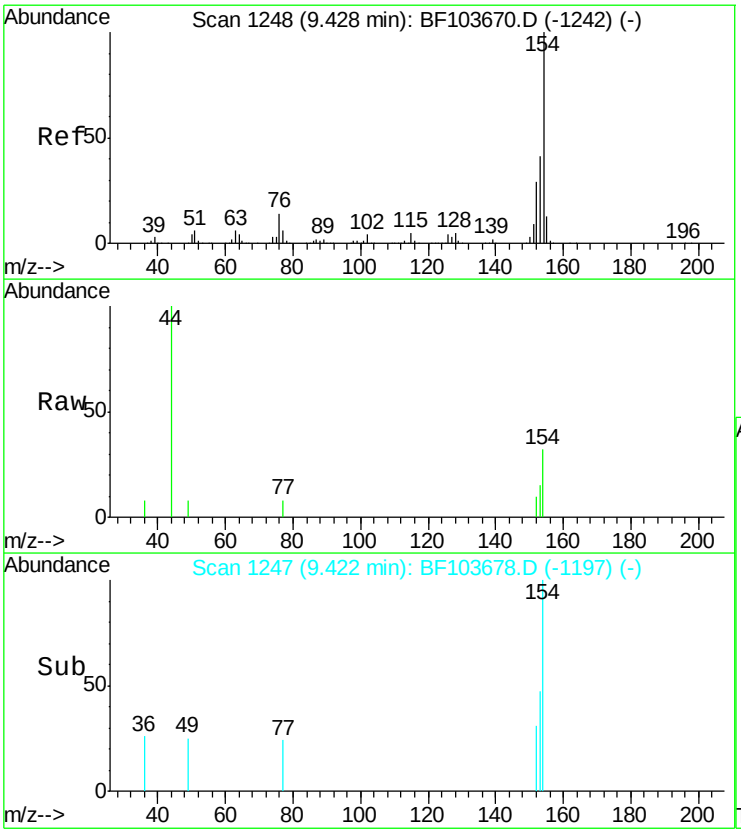

#44
2-Fluorobiphenyl
Concen: 21.635 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:172 Resp: 418726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.7 | 29.7 | 44.5 |
| 170 | 23.7 | 19.6 | 29.4 |

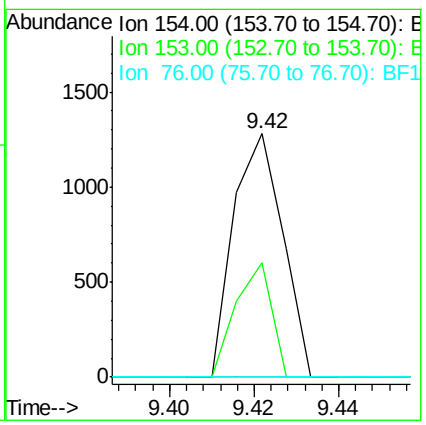


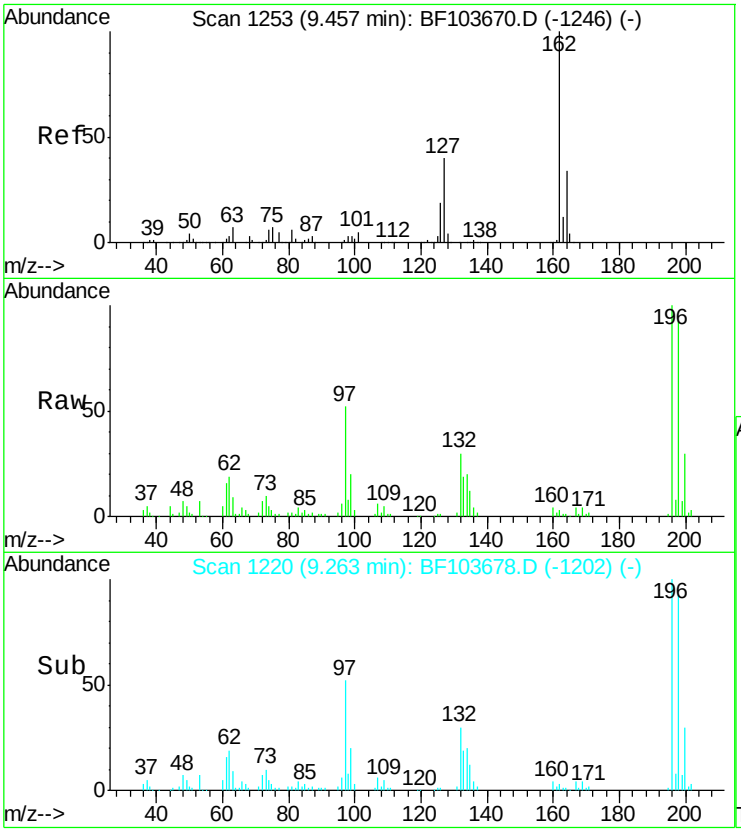




#45
1,1'-Biphenyl
Concen: 0.040 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

Tgt Ion:154 Resp: 1033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 47.2 | 21.3 | 61.3 |
| 76 | 0.0 | 0.0 | 34.0 |



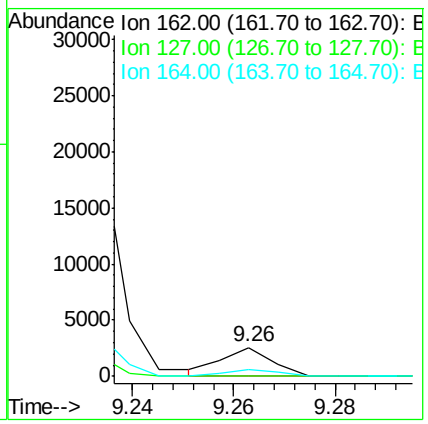


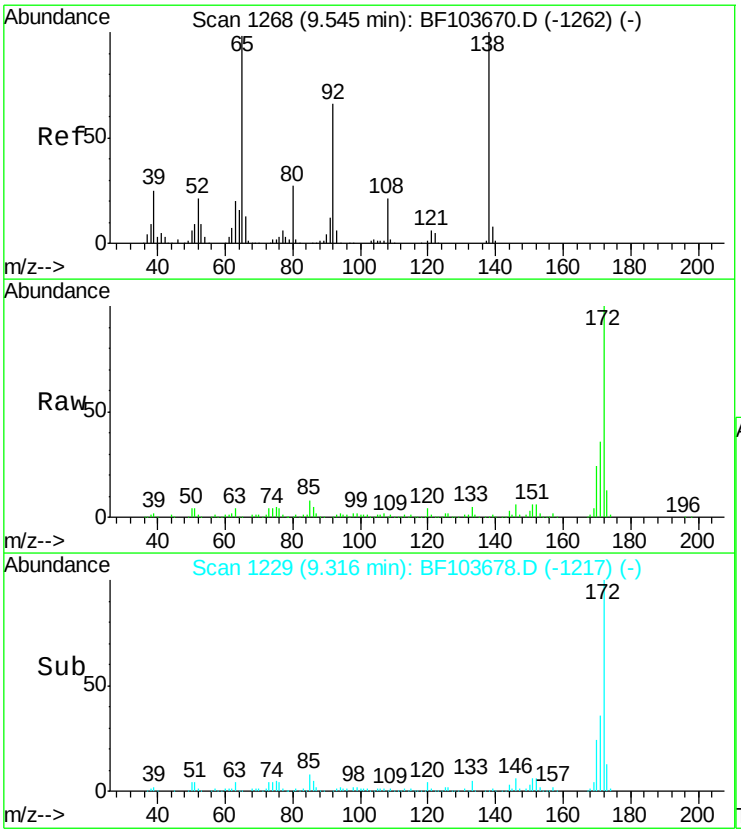

#46
2-Chloronaphthalene
Concen: 0.087 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.19 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:162 Resp: 1775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 0.0 | 33.9 | 50.9# |
| 164 | 25.1 | 26.5 | 39.7# |

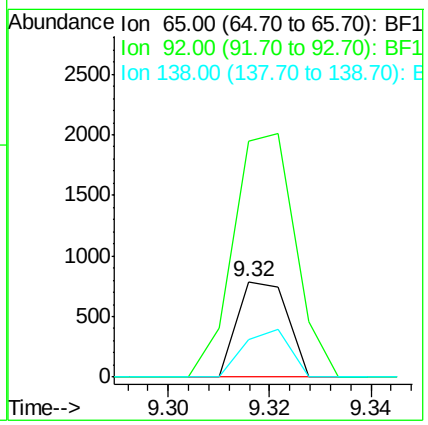


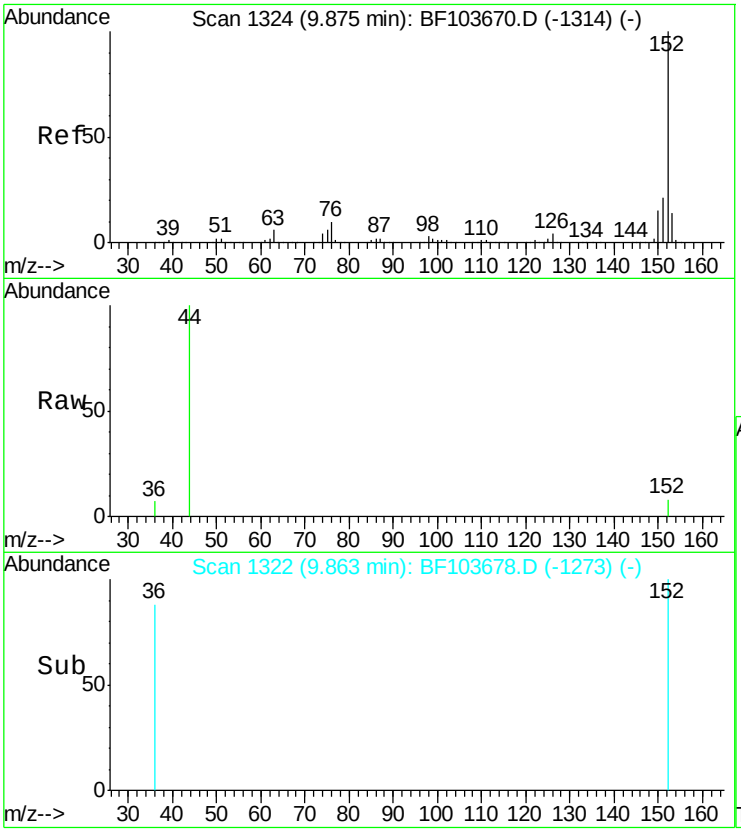




#47
2-Nitroaniline
Concen: 6.901 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.23 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

Tgt Ion: 65 Resp: 539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 247.4 | 55.8 | 83.6# |
| 138 | 39.4 | 91.2 | 136.8# |



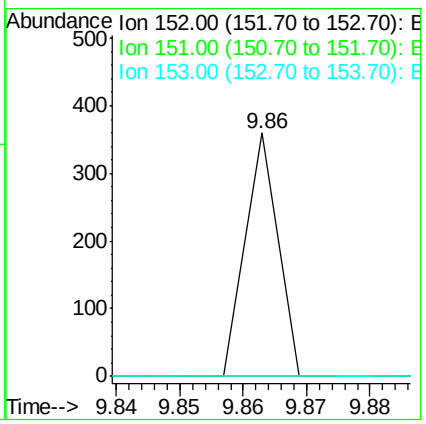


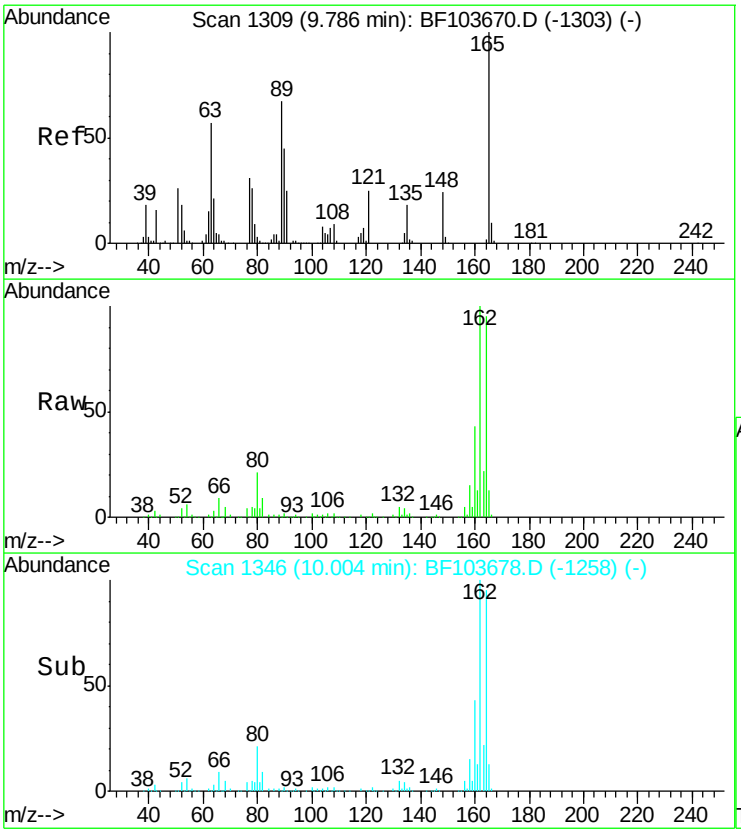

#48
Acenaphthylene
Concen: 0.004 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:152 Resp: 127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 0.0 | 16.3 | 24.5# |
| 153 | 0.0 | 10.7 | 16.1# |

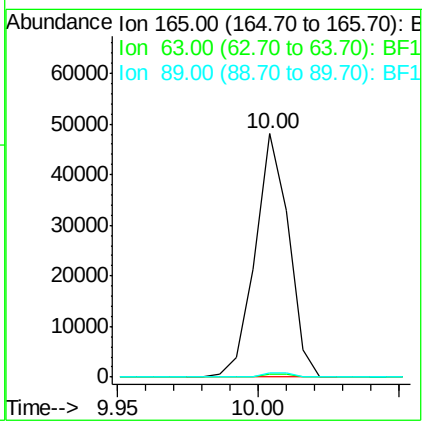


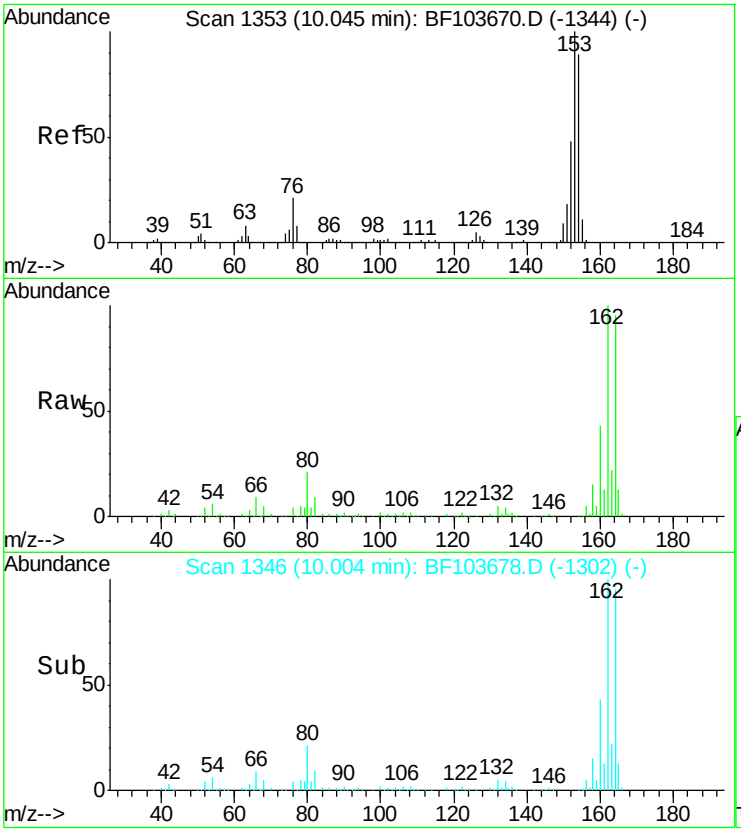




#50
2,6-Dinitrotoluene
Concen: 11.943 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.22 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

Tgt Ion:165 Resp: 39547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.1 | 44.7 | 67.1# |
| 89 | 1.6 | 44.0 | 66.0# |



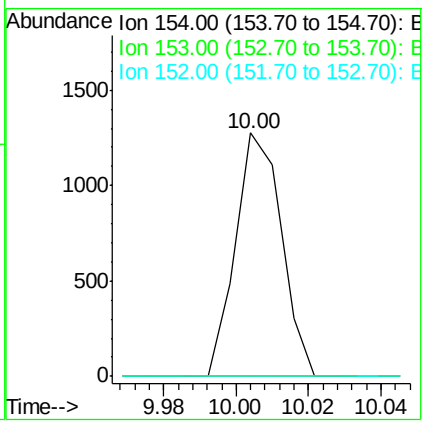


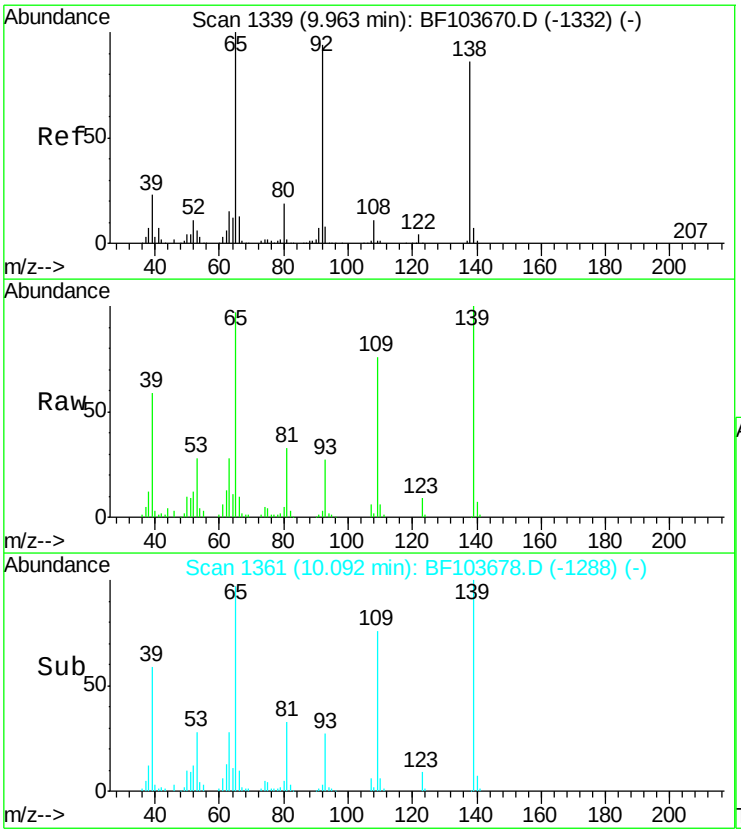

#51
Acenaphthene
Concen: 0.060 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.04 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:154 Resp: 1121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 0.0 | 91.2 | 136.8# |
| 152 | 0.0 | 43.8 | 65.8# |

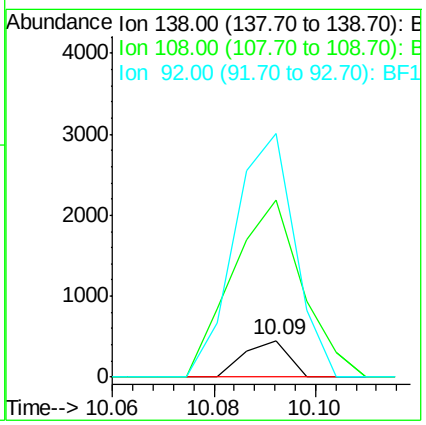


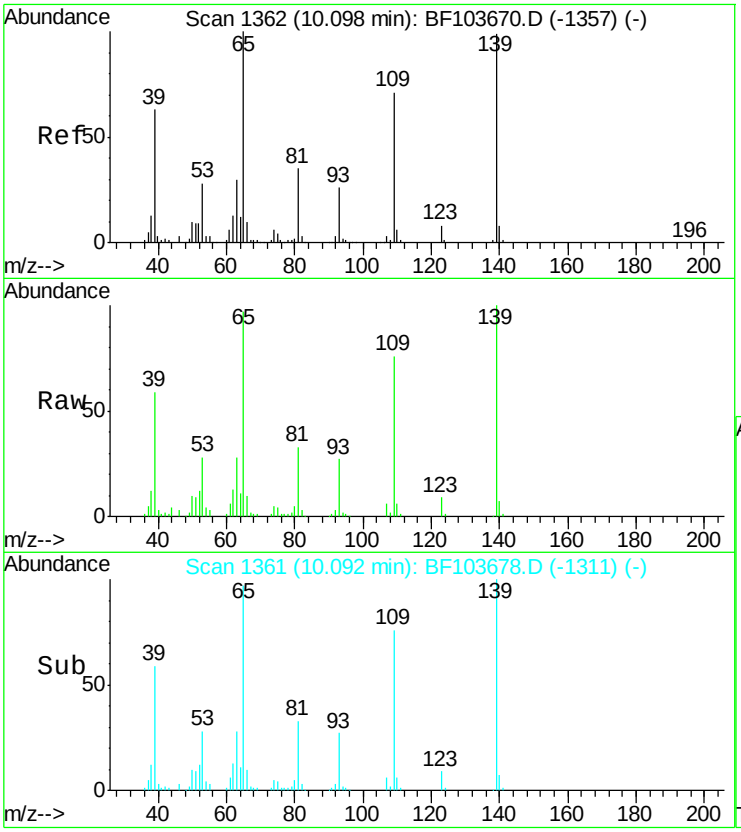




#52
3-Nitroaniline
Concen: 3.861 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.13 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

Tgt Ion:138 Resp: 276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 481.4 | 9.4 | 14.0# |
| 92 | 659.9 | 89.4 | 134.2# |



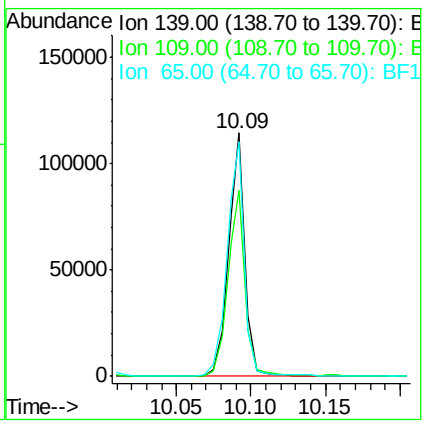


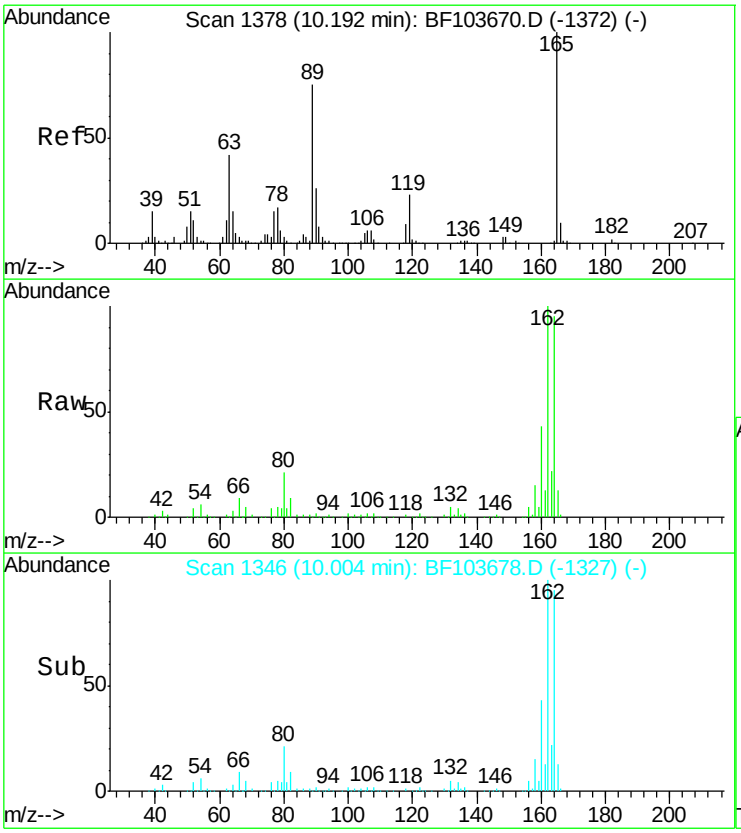

#55
4-Nitrophenol
Concen: 24.235 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:139 Resp: 88584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 76.2 | 48.4 | 88.4 |
| 65 | 96.6 | 72.6 | 112.6 |

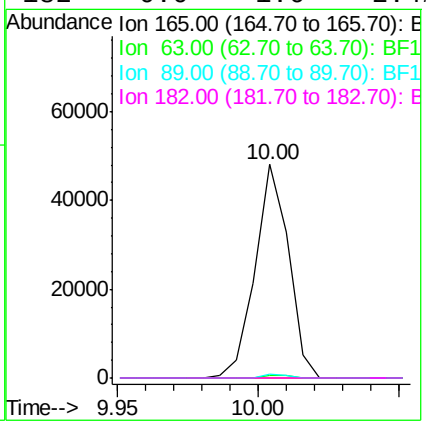


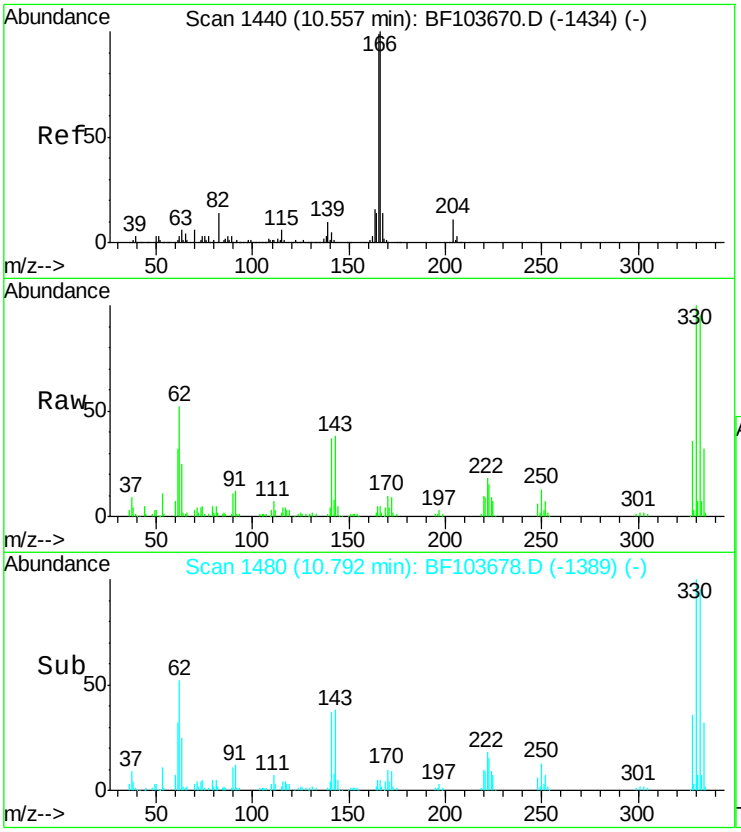




#56
2,4-Dinitrotoluene
Concen: 12.178 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.19 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

Tgt Ion:165 Resp: 39547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.1 | 36.4 | 54.6# |
| 89 | 1.6 | 57.8 | 86.6# |
| 182 | 0.0 | 1.6 | 2.4# |



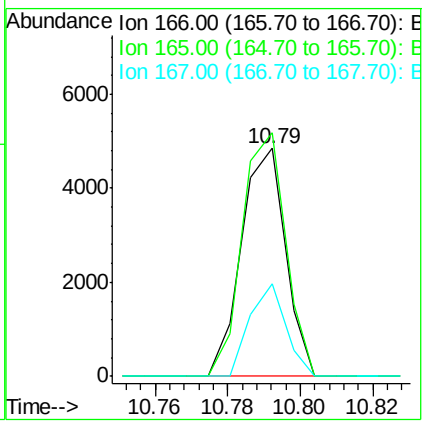


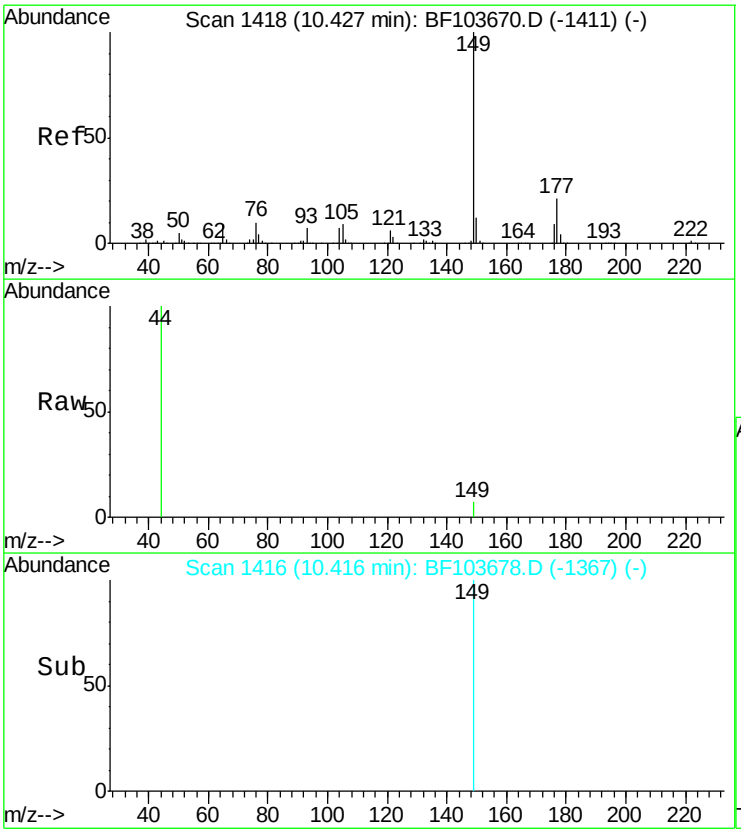

#57
Fluorene
Concen: 0.197 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.24 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:166 Resp: 4100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 106.9 | 79.8 | 119.8 |
| 167 | 40.4 | 10.6 | 16.0# |

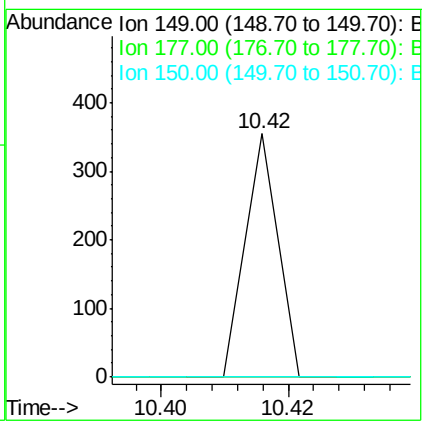


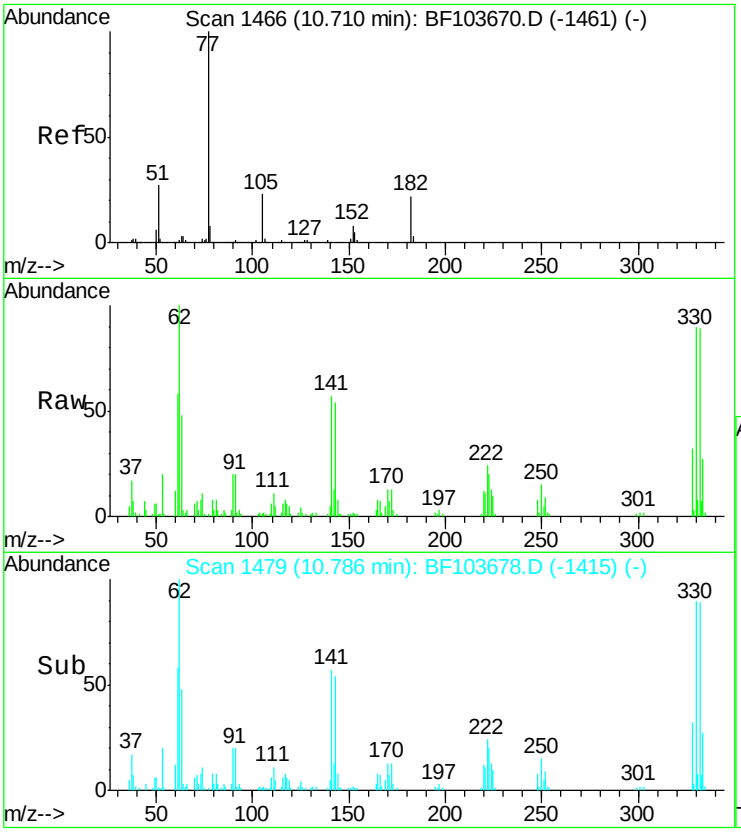




#59
Diethylphthalate
Concen: 0.005 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

Tgt Ion:149 Resp: 125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 0.0 | 16.1 | 24.1# |
| 150 | 0.0 | 10.1 | 15.1# |



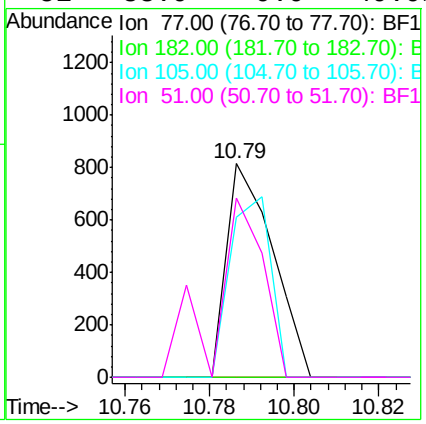


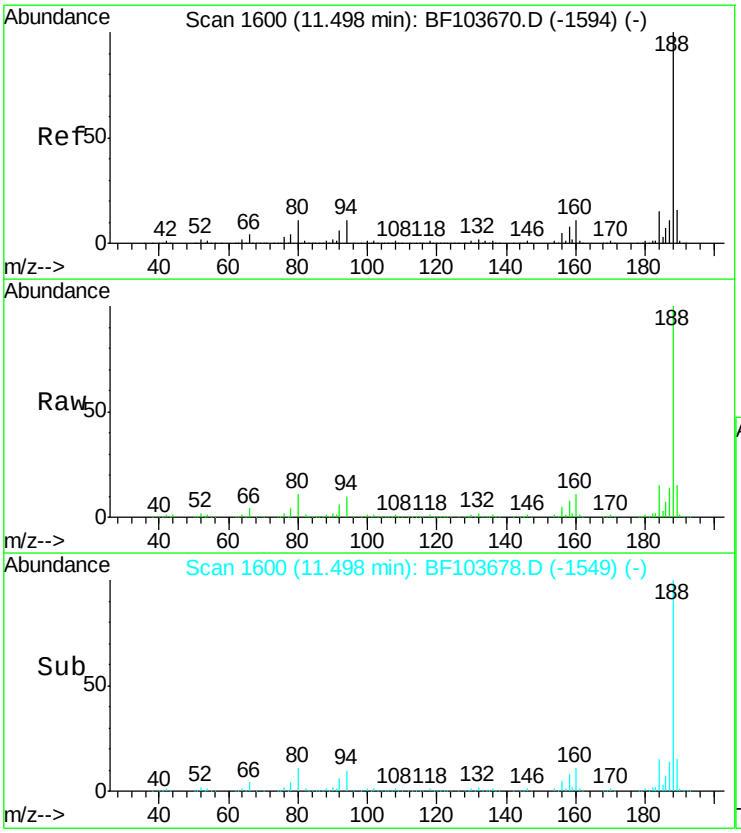

#62
Azobenzene
Concen: 0.026 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.08 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 77 Resp: 619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 0.0 | 1.7 | 41.7# |
| 105 | 75.1 | 3.0 | 43.0# |
| 51 | 83.9 | 9.9 | 49.9# |

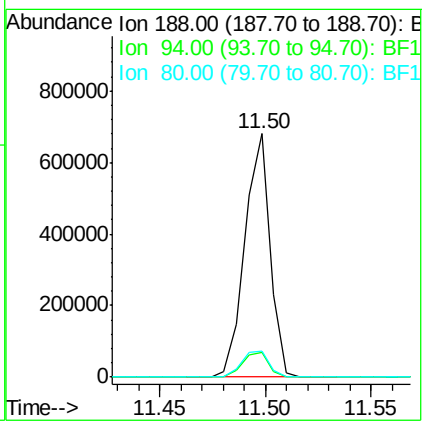


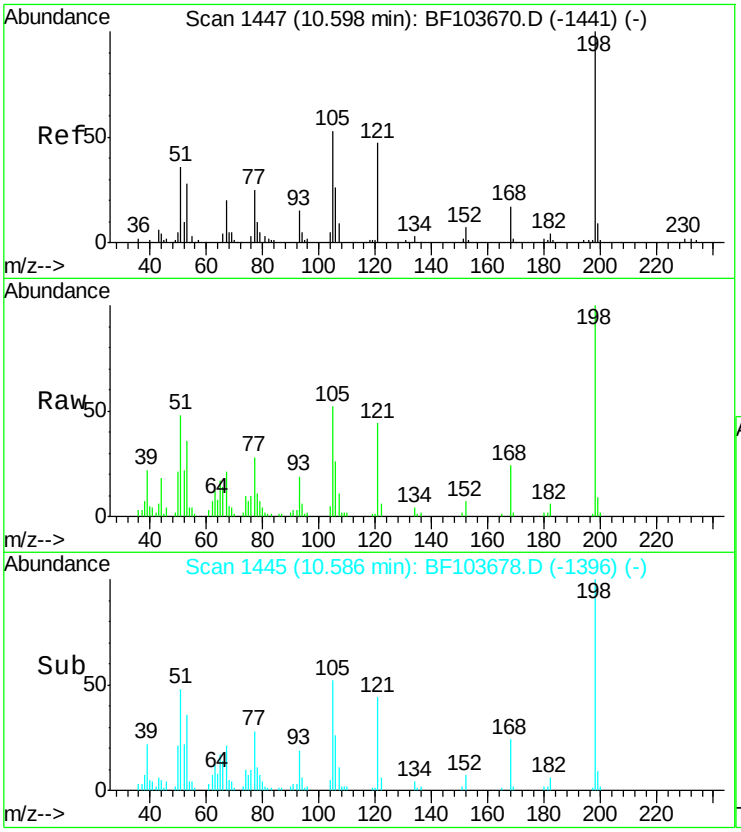




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

Tgt Ion:188 Resp: 564855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.2 | 8.5 | 12.7 |
| 80 | 10.8 | 9.2 | 13.8 |



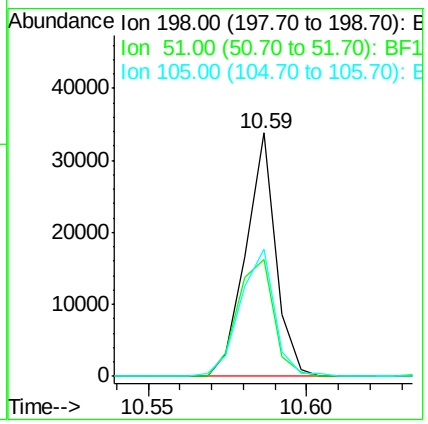


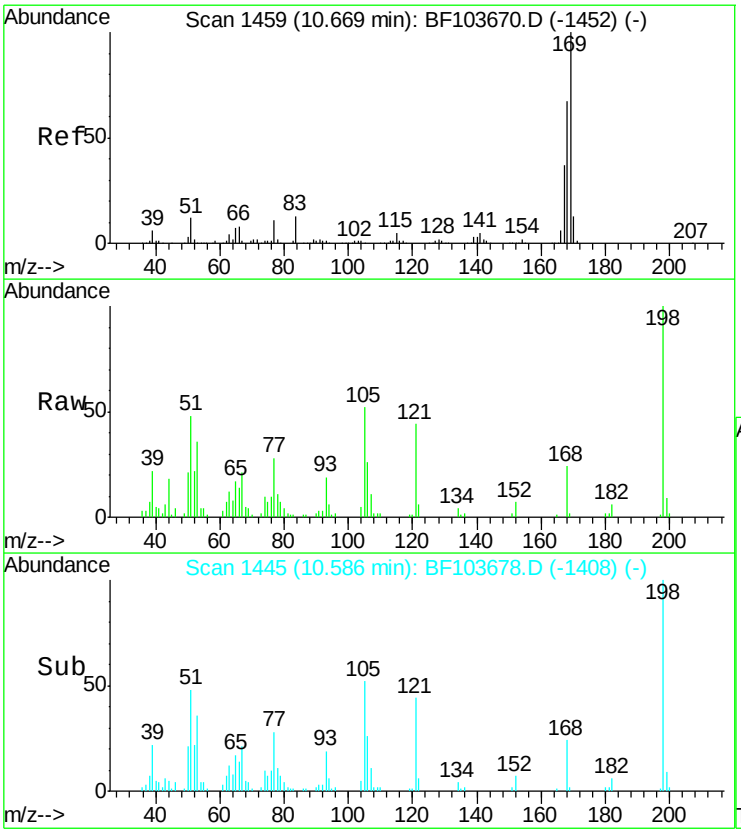

#64
4,6-Dinitro-2-methylphenol
Concen: 18.996 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:198 Resp: 22221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 47.9 | 37.7 | 77.7 |
| 105 | 52.2 | 36.3 | 76.3 |

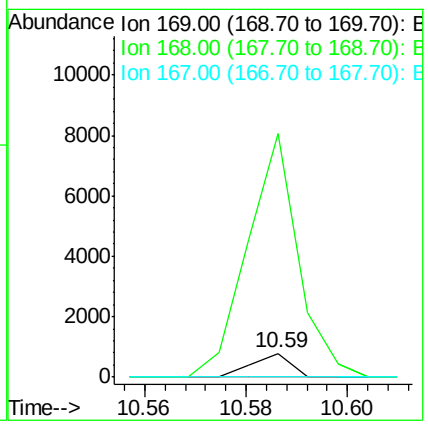


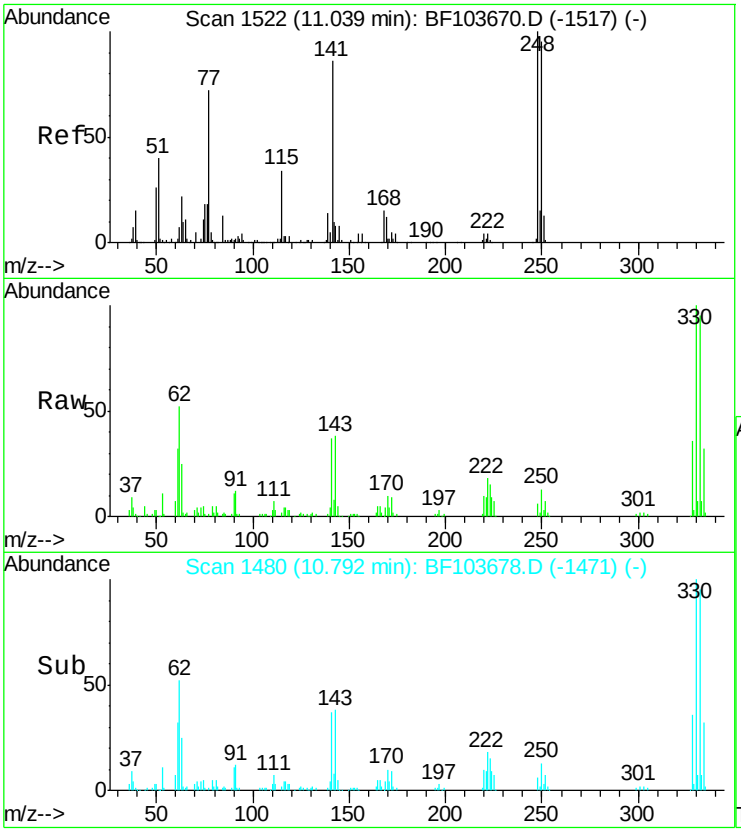




#65
n-Nitrosodiphenylamine
Concen: 0.022 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.08 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

Tgt Ion:169 Resp: 419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 1022.8 | 54.4 | 81.6# |
| 167 | 0.0 | 29.8 | 44.6# |



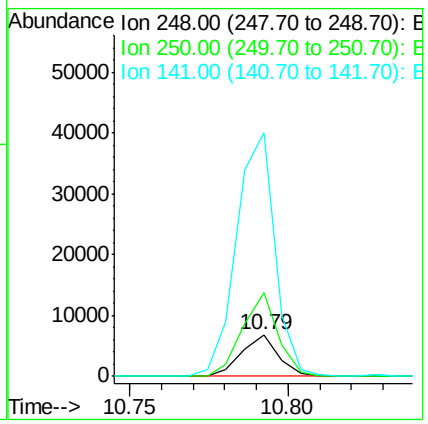


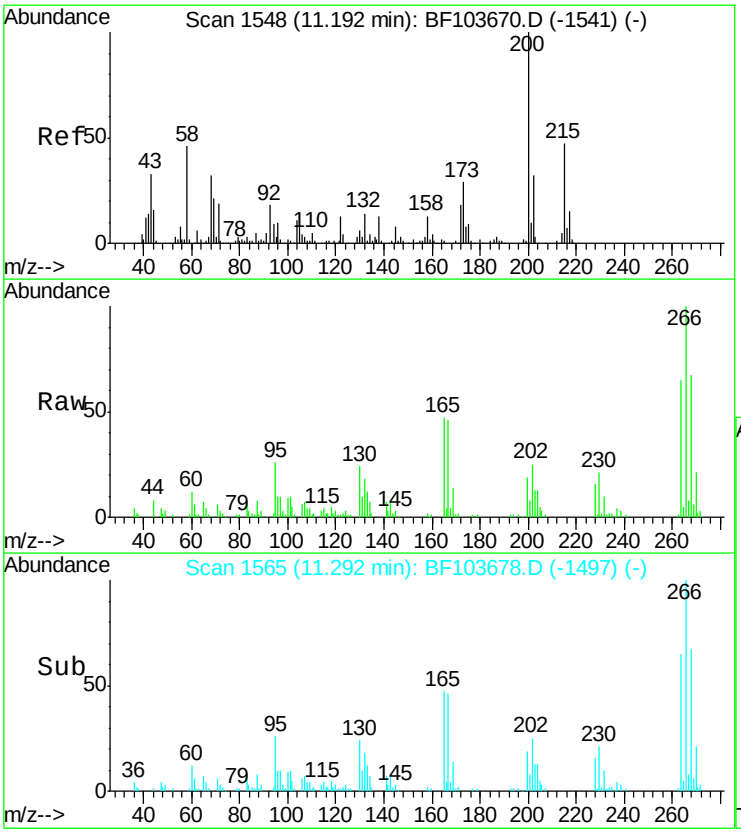

#66
4-Bromophenyl-phenylether
Concen: 0.940 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.25 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:248 Resp: 5454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 201.6 | 76.9 | 115.3# |
| 141 | 586.3 | 74.4 | 111.6# |

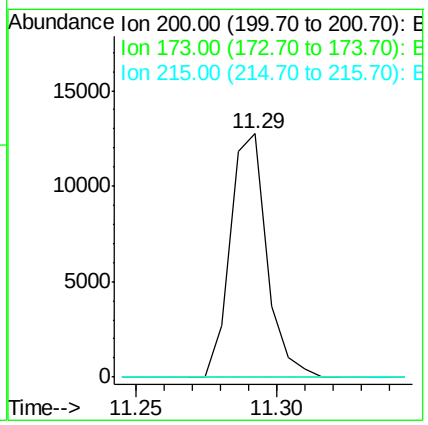


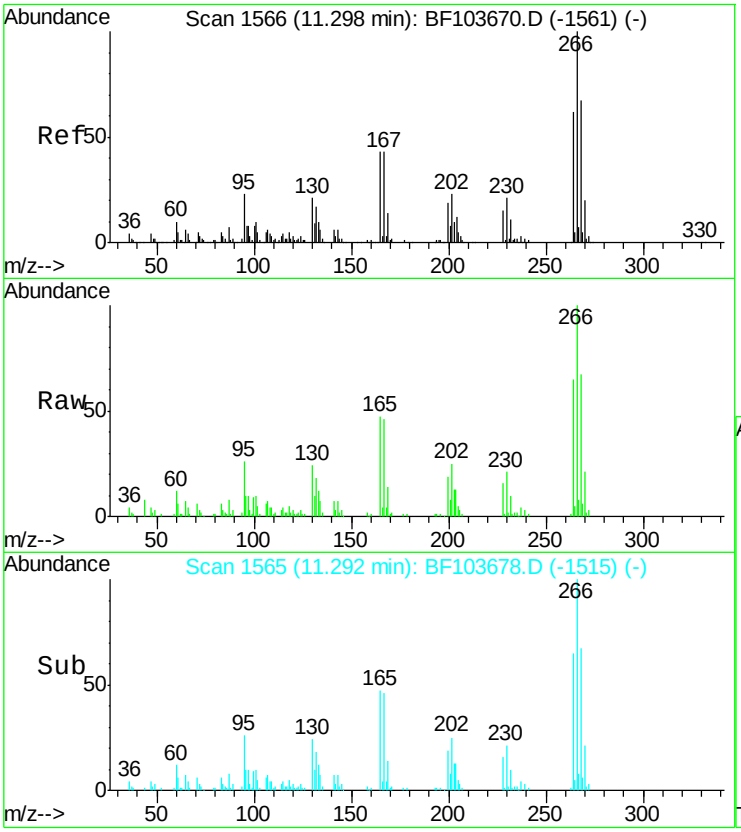




#68
Atrazine
Concen: 1.918 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.10 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

Tgt Ion:200 Resp: 11409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 0.0 | 8.6 | 48.6# |
| 215 | 0.0 | 25.1 | 65.1# |



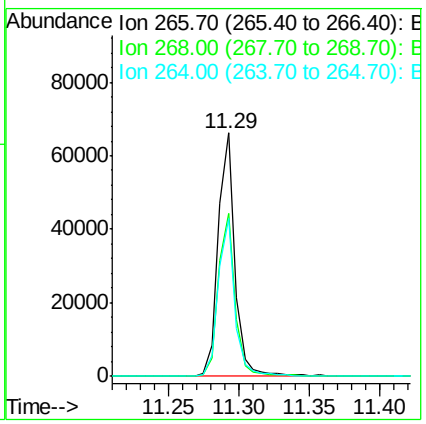


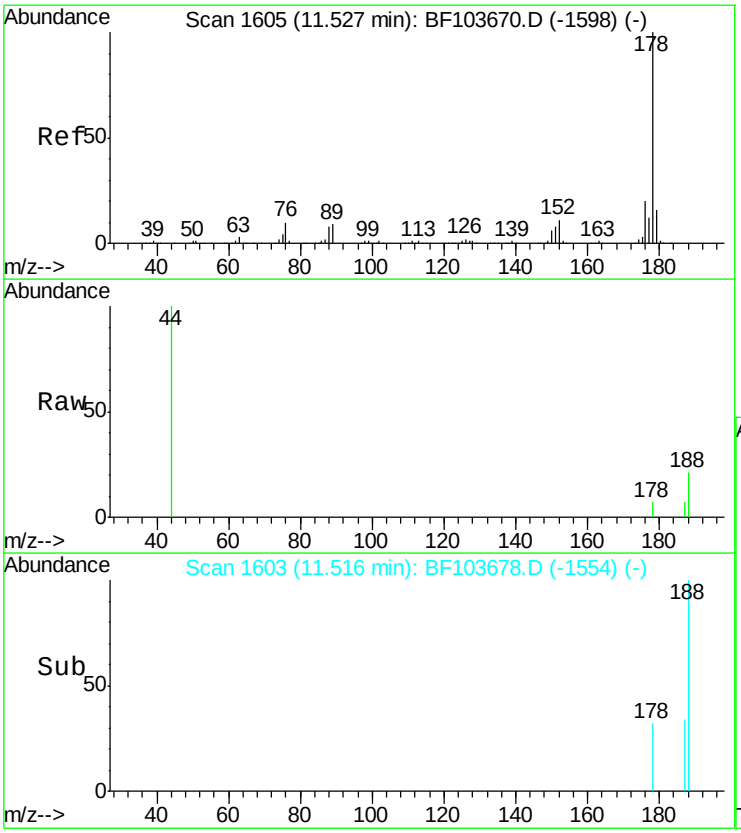

#69
Pentachlorophenol
Concen: 14.375 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:266 Resp: 54703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 66.9 | 51.1 | 76.7 |
| 264 | 64.7 | 49.5 | 74.3 |

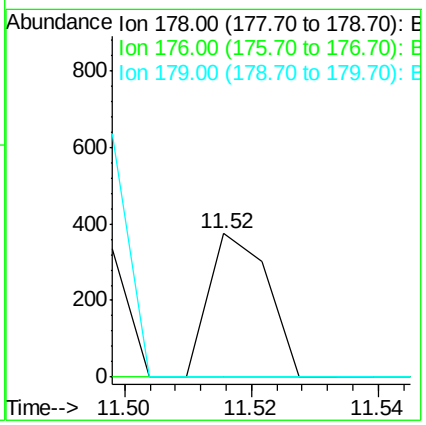


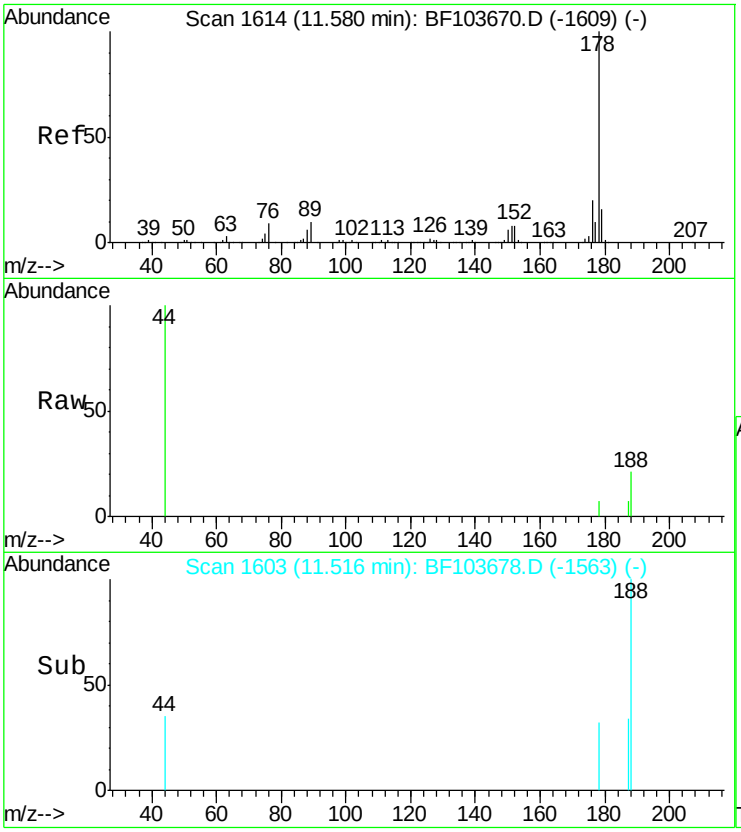




#70
Phenanthrene
Concen: 0.008 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

Tgt Ion:178 Resp: 239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 0.0 | 15.8 | 23.8# |
| 179 | 0.0 | 13.0 | 19.6# |



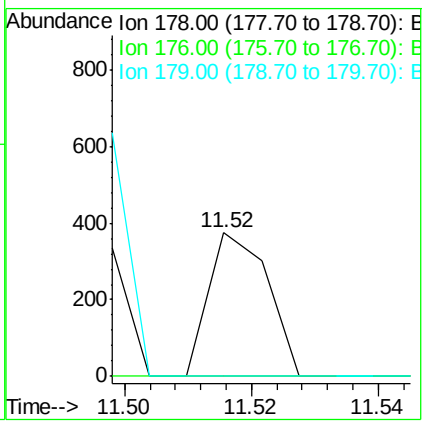


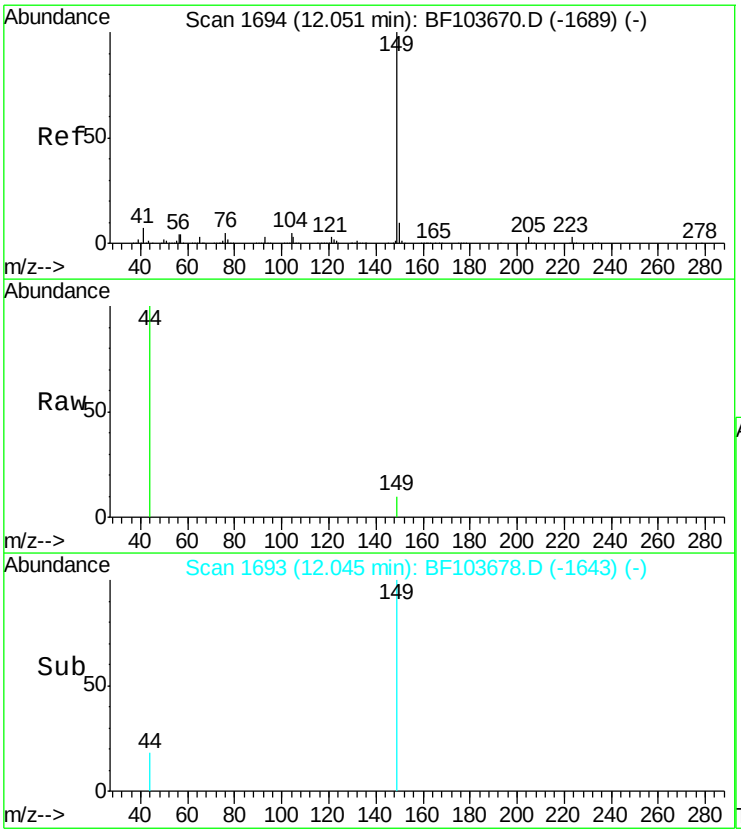

#71
Anthracene
Concen: 0.008 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.06 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:178 Resp: 239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 0.0 | 15.4 | 23.2# |
| 179 | 0.0 | 12.6 | 19.0# |

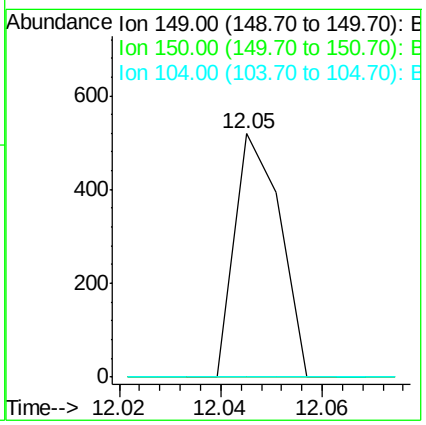


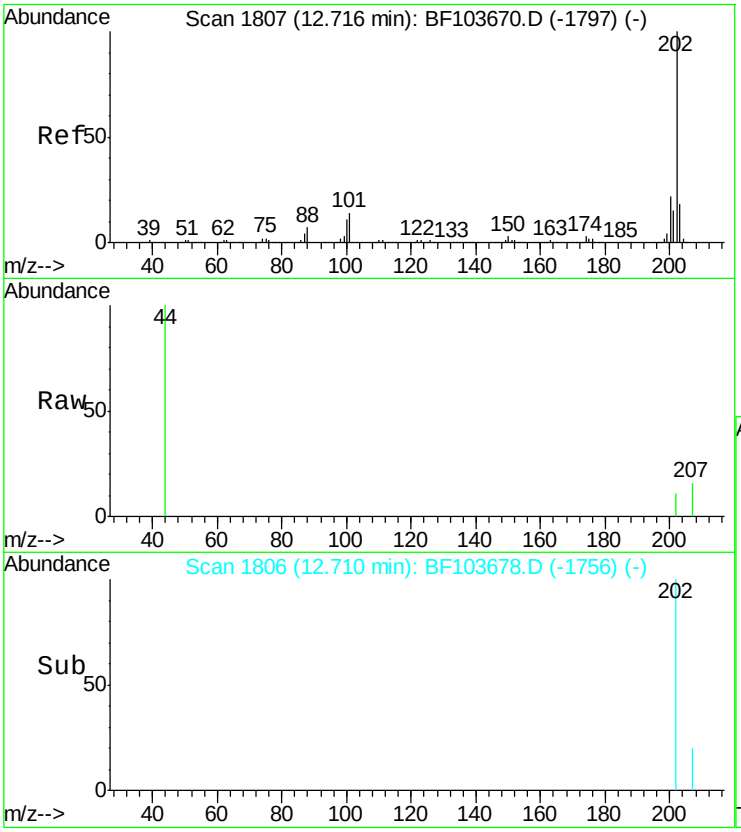




#73
Di-n-butylphthalate
Concen: 0.009 ng
RT: 12.05 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

Tgt Ion:149 Resp: 322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 0.0 | 7.8 | 11.6# |
| 104 | 0.0 | 3.8 | 5.8# |



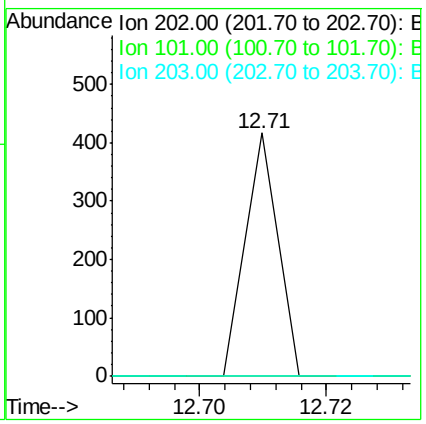


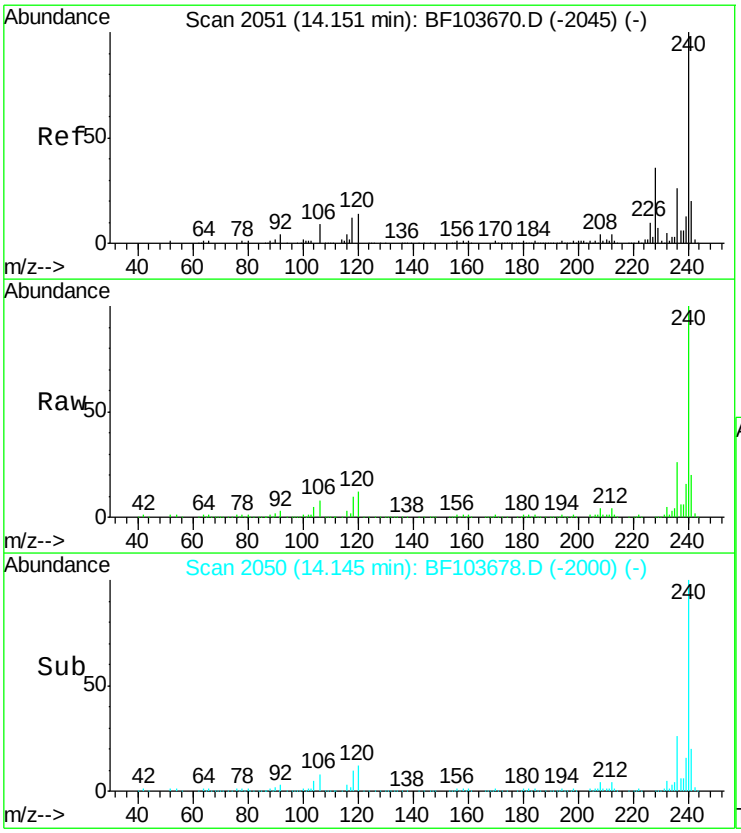

#74
Fluoranthene
Concen: 0.005 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:202 Resp: 147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 0.0 | 0.0 | 34.1 |
| 203 | 0.0 | 0.0 | 38.1 |

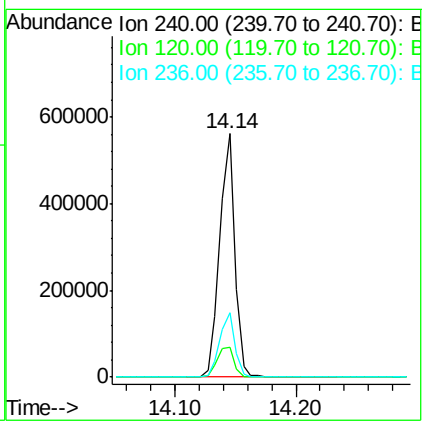


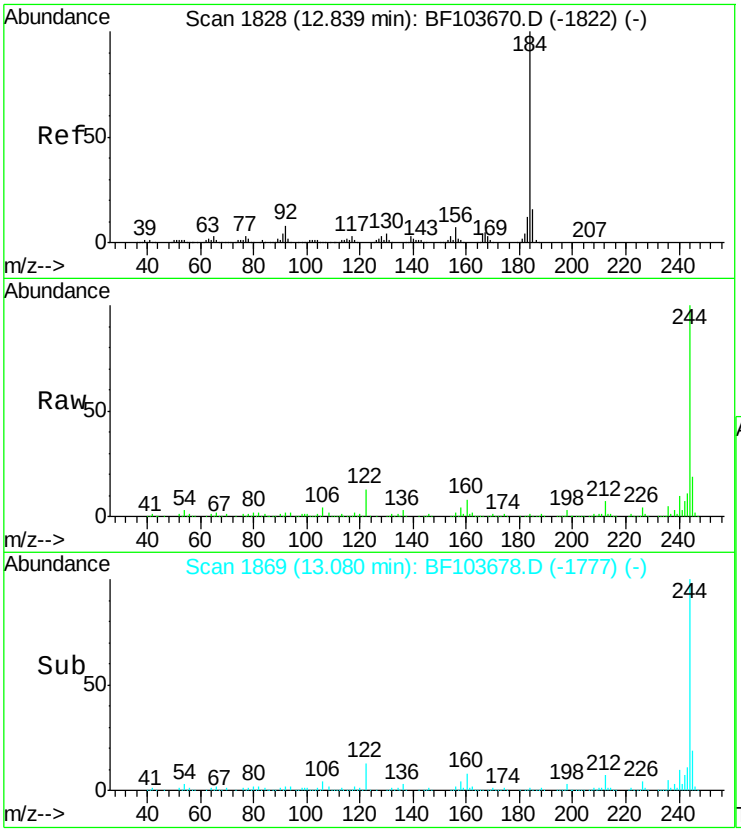




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

Tgt Ion:240 Resp: 483669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.0 | 9.5 | 14.3 |
| 236 | 26.2 | 20.7 | 31.1 |



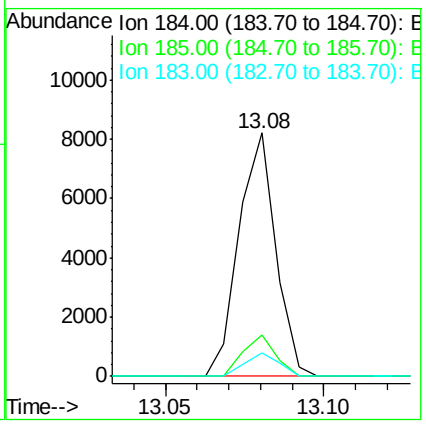


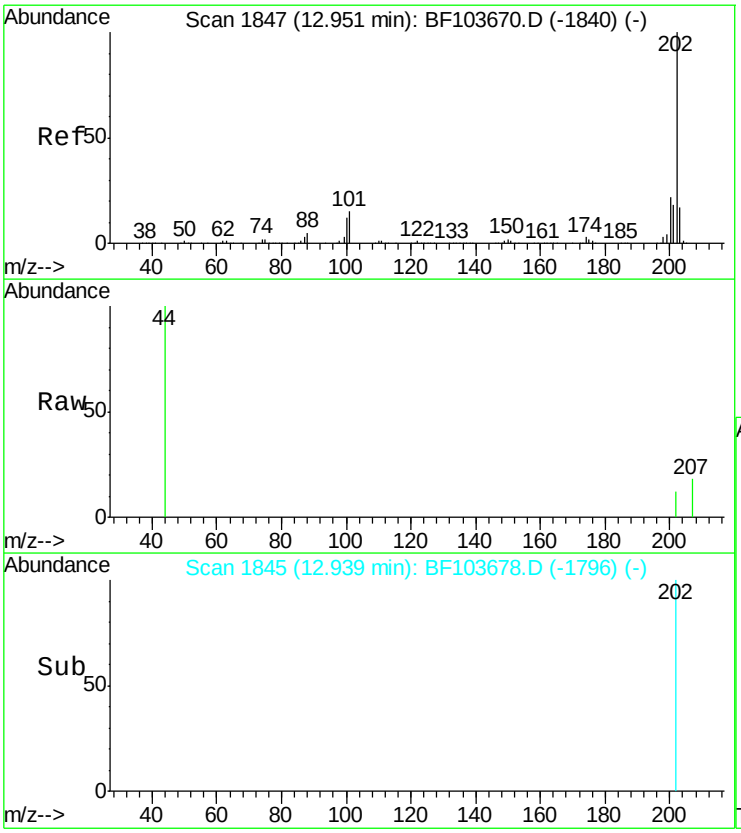

#76
Benzidine
Concen: 0.320 ng
RT: 13.08 min Scan# 1869
Delta R.T. 0.24 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:184 Resp: 6605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 17.0 | 12.6 | 18.8 |
| 183 | 9.6 | 9.3 | 13.9 |

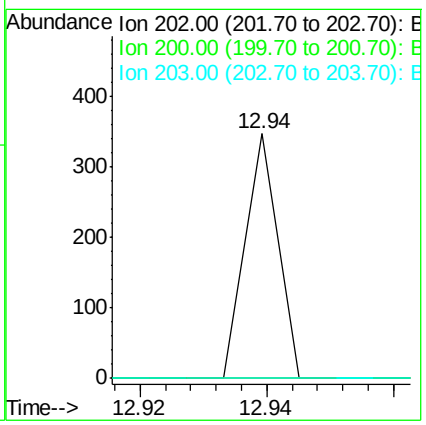


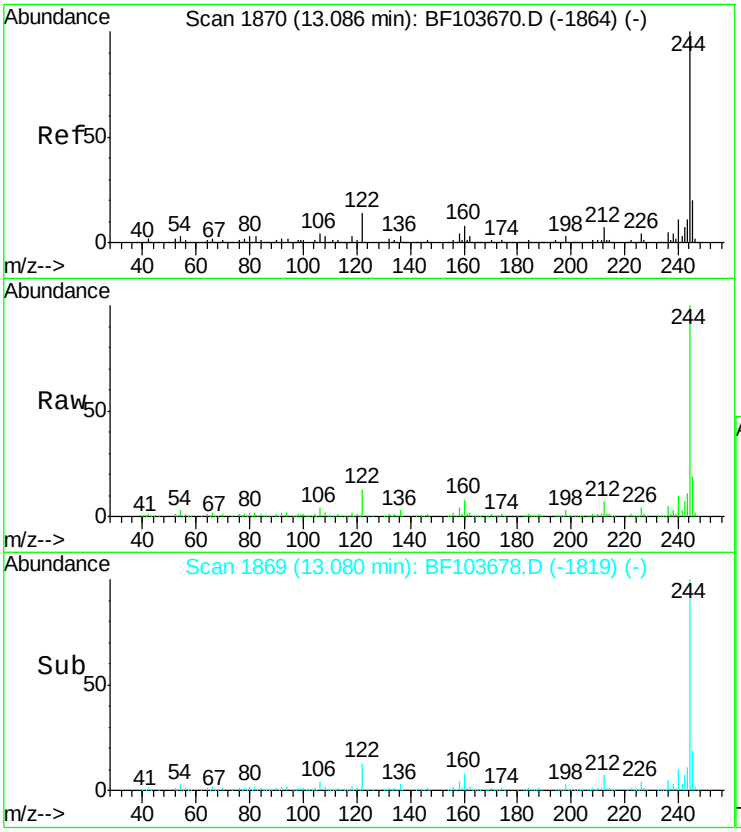




#77
Pyrene
Concen: 0.003 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

Tgt Ion:202 Resp: 122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 0.0 | 17.4 | 26.2# |
| 203 | 0.0 | 14.3 | 21.5# |



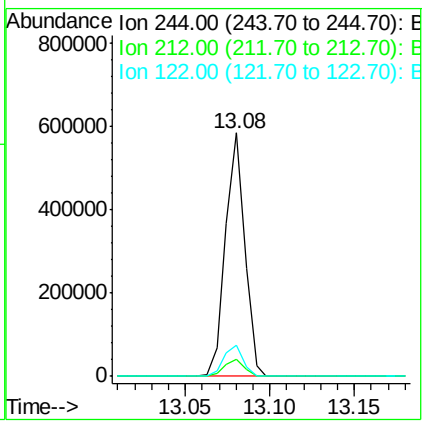


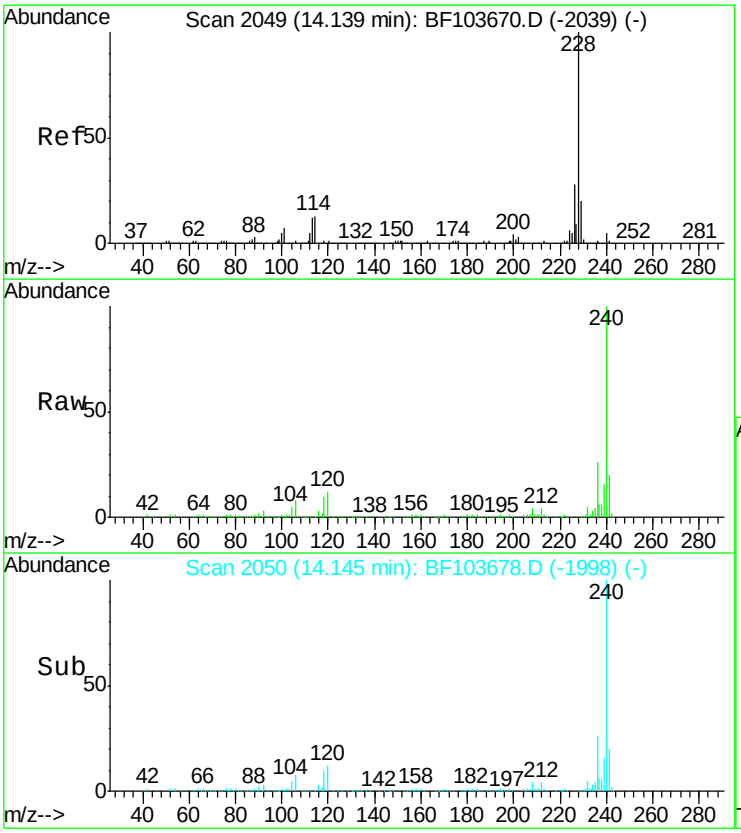

#78
Terphenyl-d14
Concen: 22.275 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:244 Resp: 464163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.8 | 5.4 | 8.0 |
| 122 | 12.7 | 11.0 | 16.4 |

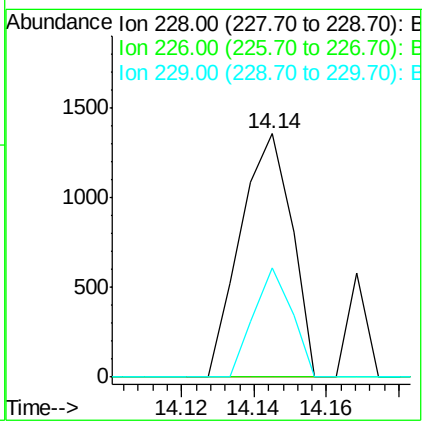


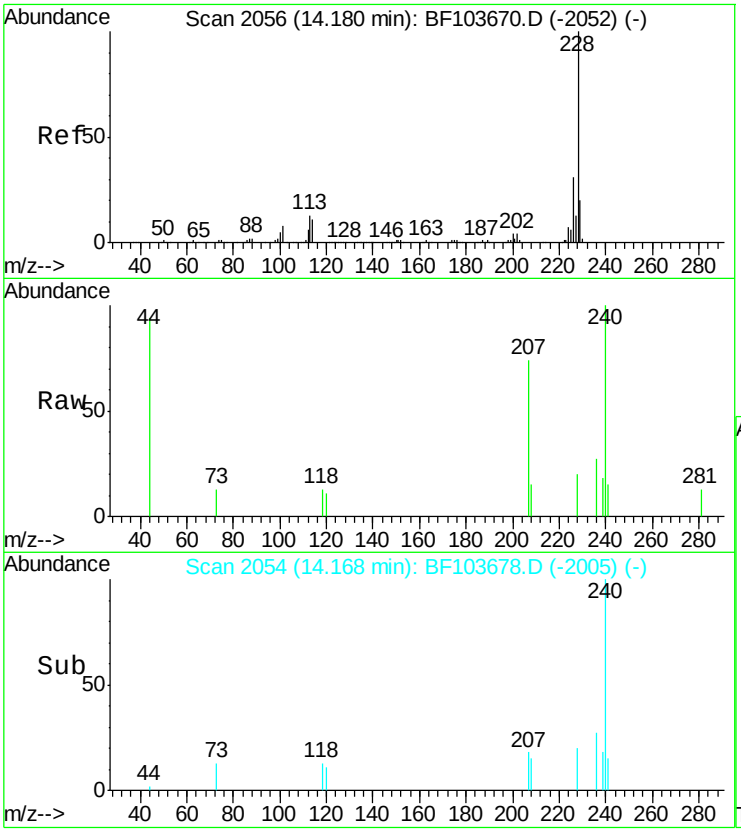




#80
Benzo(a)anthracene
Concen: 0.044 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.01 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

Tgt Ion:228 Resp: 1336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 0.0 | 22.6 | 33.8# |
| 229 | 44.8 | 15.8 | 23.6# |



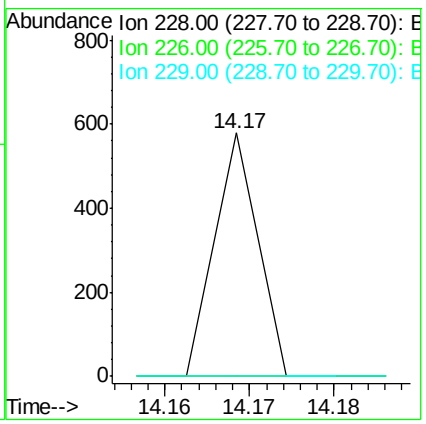


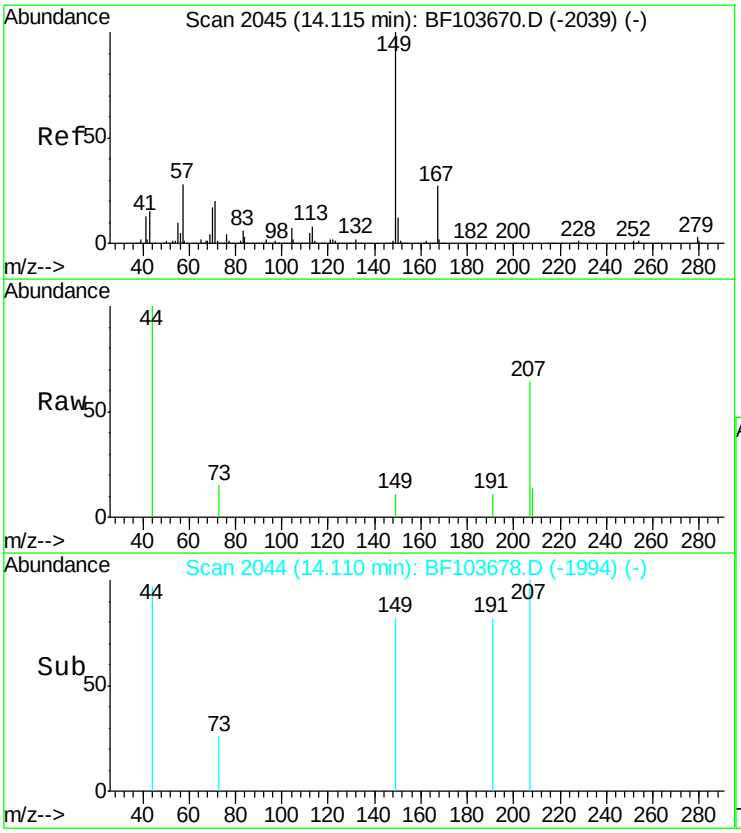

#82
Chrysene
Concen: 0.007 ng
RT: 14.17 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:228 Resp: 204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 0.0 | 25.0 | 37.6# |
| 229 | 0.0 | 16.2 | 24.4# |

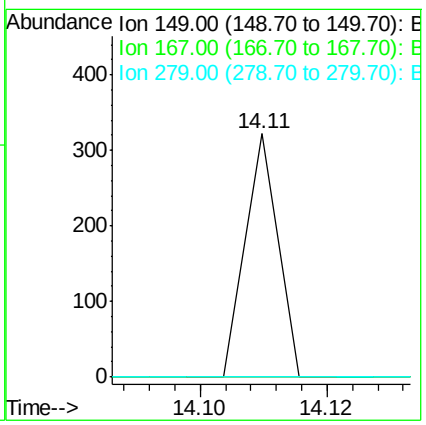


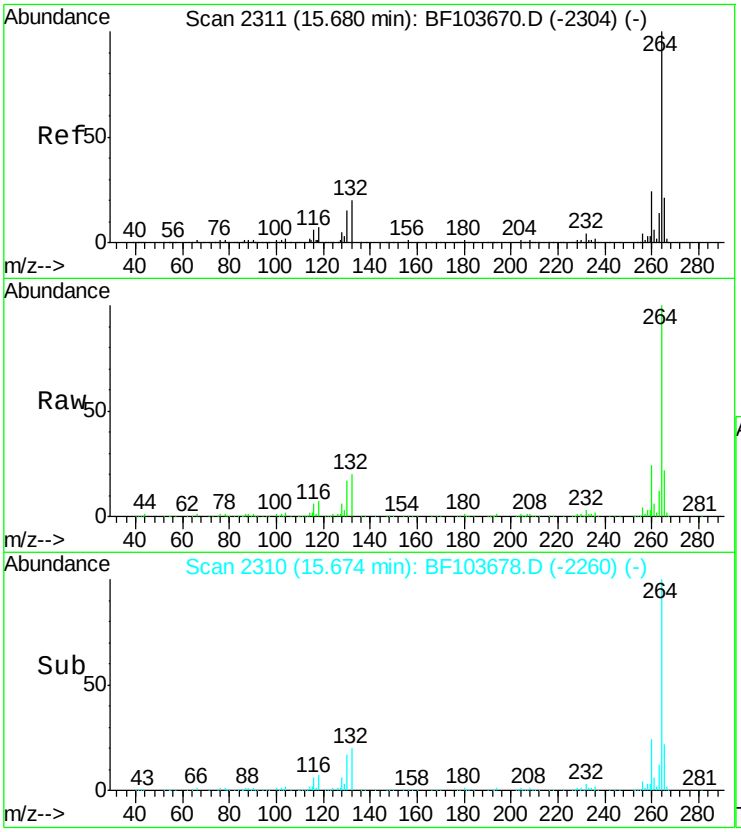




#83
Bis(2-ethylhexyl)phthalate
Concen: 0.005 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

Tgt Ion:149 Resp: 114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 0.0 | 21.3 | 31.9# |
| 279 | 0.0 | 3.0 | 4.4# |



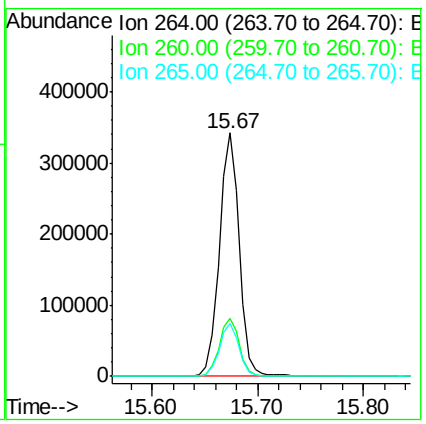


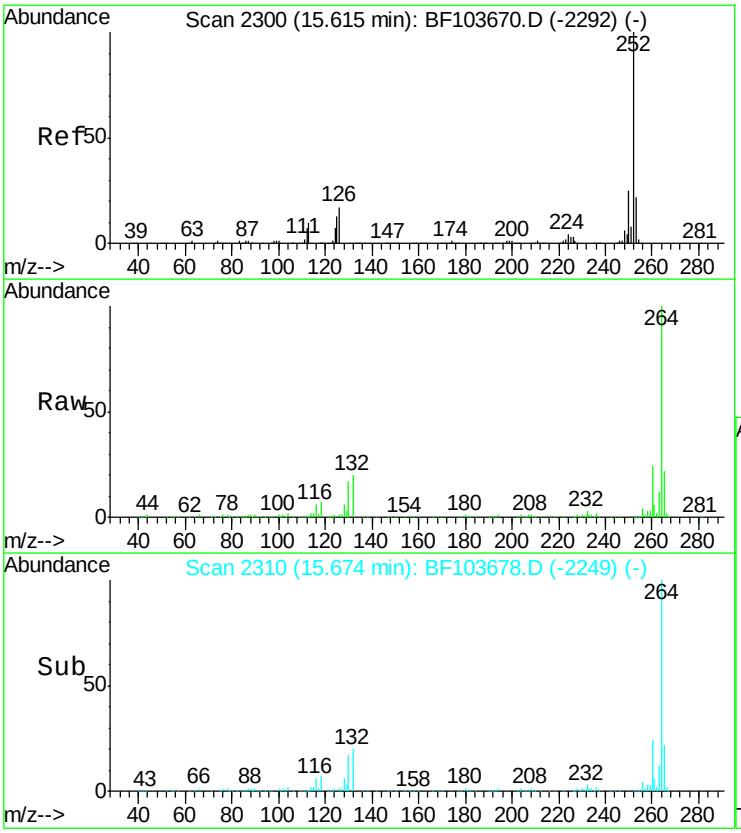

#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.01 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:264 Resp: 447640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.9 | 19.2 | 28.8 |
| 265 | 21.7 | 17.5 | 26.3 |




#89
Benzo(a)pyrene
Concen: 0.052 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.06 min
Lab File: BF103678.D
Acq: 15 Mar 2018 19:48

Tgt Ion:252 Resp: 1322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 35.0 | 17.1 | 25.7# |
| 125 | 0.0 | 9.8 | 14.6# |