Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091517\
Data File : BF098574.D
Acq On : 15 Sep 2017 17:42
Operator : SJ/JU
Sample : PB102329BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB102329BS

Quant Time: Sep 16 01:45:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.65 | 152 | 138510 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 7.93 | 136 | 580501 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 9.68 | 164 | 272385 | 20.00 | ng | | -0.02 |
| 63) Phenanthrene-d10 | 11.17 | 188 | 519092 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 13.80 | 240 | 390874 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 15.20 | 264 | 305697 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.27 | 112 | 1043647 | 111.40 | ng | | 0.00 |
| 7) Phenol-d6 | 6.31 | 99 | 1258697 | 105.82 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.22 | 82 | 773961 | 74.33 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.48 | 330 | 265033 | 145.79 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 9.01 | 172 | 1399049 | 87.06 | ng | | -0.02 |
| 78) Terphenyl-d14 | 12.75 | 244 | 1300805 | 71.83 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.35 | 88 | 130576 | 27.005 | ng | | 90 |
| 3) Pyridine | 3.03 | 79 | 375268 | 29.225 | ng | | 87 |
| 4) n-Nitrosodimethylamine | 2.99 | 42 | 182155 | 28.935 | ng | # | 92 |
| 6) Aniline | 6.31 | 93 | 219211 | 14.690 | ng | # | 7 |
| 8) 2-Chlorophenol | 6.44 | 128 | 366758 | 35.603 | ng | | 99 |
| 9) Benzaldehyde | 6.19 | 77 | 179149 | 23.040 | ng | | 95 |
| 10) Phenol | 6.32 | 94 | 460432 | 33.327 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 6.39 | 93 | 339967 | 32.638 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 6.58 | 146 | 375522 | 36.217 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 6.66 | 146 | 380191 | 35.798 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 6.82 | 146 | 353796 | 36.564 | ng | | 98 |
| 15) Benzyl Alcohol | 6.80 | 79 | 308941 | 39.027 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.93 | 45 | 514914 | 30.044 | ng | # | 29 |
| 17) 2-Methylphenol | 6.92 | 107 | 303739 | 36.159 | ng | # | 87 |
| 18) Hexachloroethane | 7.15 | 117 | 141721 | 34.844 | ng | # | 86 |
| 19) n-Nitroso-di-n-propylamine | 7.07 | 70 | 256353 | 34.264 | ng | | 97 |
| 20) 3+4-Methylphenols | 7.08 | 107 | 407046 | 38.399 | ng | # | 64 |
| 22) Acetophenone | 7.06 | 105 | 515964 | 34.390 | ng | # | 90 |
| 24) Nitrobenzene | 7.23 | 77 | 380452 | 32.077 | ng | | 97 |
| 25) Isophorone | 7.47 | 82 | 678297 | 32.196 | ng | | 99 |
| 26) 2-Nitrophenol | 7.55 | 139 | 197034 | 41.144 | ng | # | 84 |
| 27) 2,4-Dimethylphenol | 7.60 | 122 | 323980 | 35.489 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 7.69 | 93 | 435796 | 33.901 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.80 | 162 | 303553 | 39.981 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 7.87 | 180 | 320344 | 38.787 | ng | | 99 |
| 31) Naphthalene | 7.95 | 128 | 1059317 | 36.913 | ng | | 99 |
| 32) Benzoic acid | 7.77 | 122 | 224423 | 38.532 | ng | | 97 |
| 33) 4-Chloroaniline | 8.01 | 127 | 114169 | 9.789 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.06 | 225 | 167147 | 39.422 | ng | | 97 |
| 35) Caprolactam | 8.40 | 113 | 56687 | 21.652 | ng | # | 84 |
| 36) 4-Chloro-3-methylphenol | 8.52 | 107 | 338038 | 35.901 | ng | | 85 |
| 37) 2-Methylnaphthalene | 8.65 | 142 | 691838 | 39.800 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.81 | 216 | 298454 | 35.175 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 8.79 | 237 | 166723 | 68.685 | ng | | 100 |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091517\
Data File : BF098574.D
Acq On : 15 Sep 2017 17:42
Operator : SJ/JU
Sample : PB102329BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB102329BS

Quant Time: Sep 16 01:45:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.93 | 196 | 198753 | 39.881 ng | | 94 |
| 43) 2,4,5-Trichlorophenol | 8.98 | 196 | 211210 | 40.547 ng | | 93 |
| 45) 1,1'-Biphenyl | 9.11 | 154 | 841735 | 34.526 ng | | 98 |
| 46) 2-Chloronaphthalene | 9.13 | 162 | 639021 | 36.701 ng | | 93 |
| 47) 2-Nitroaniline | 9.24 | 65 | 226596 | 33.907 ng | | 96 |
| 48) Acenaphthylene | 9.55 | 152 | 941423 | 36.364 ng | | 99 |
| 49) Dimethylphthalate | 9.42 | 163 | 758259 | 35.962 ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.49 | 165 | 166163 | 38.365 ng | | 94 |
| 51) Acenaphthene | 9.72 | 154 | 599535 | 36.432 ng | | 98 |
| 52) 3-Nitroaniline | 9.65 | 138 | 94335 | 18.044 ng | | 99 |
| 53) 2,4-Dinitrophenol | 9.77 | 184 | 149380 | 73.714 ng | # | 73 |
| 54) Dibenzofuran | 9.89 | 168 | 861139 | 39.721 ng | | 99 |
| 55) 4-Nitrophenol | 9.85 | 139 | 200016 | 66.589 ng | # | 55 |
| 56) 2,4-Dinitrotoluene | 9.89 | 165 | 213711 | 40.587 ng | # | 58 |
| 57) Fluorene | 10.23 | 166 | 678824 | 37.829 ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.02 | 232 | 161552 | 46.148 ng | | 92 |
| 59) Diethylphthalate | 10.12 | 149 | 731228 | 36.466 ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 10.22 | 204 | 324653 | 39.170 ng | | 93 |
| 61) 4-Nitroaniline | 10.27 | 138 | 184366 | 34.918 ng | | 86 |
| 62) Azobenzene | 10.39 | 77 | 727693 | 33.671 ng | | 97 |
| 64) 4,6-Dinitro-2-methylphenol | 10.30 | 198 | 117581 | 38.075 ng | | 79 |
| 65) n-Nitrosodiphenylamine | 10.35 | 169 | 613314 | 36.387 ng | | 100 |
| 66) 4-Bromophenyl-phenylether | 10.71 | 248 | 193063 | 39.187 ng | | 98 |
| 67) Hexachlorobenzene | 10.78 | 284 | 190484 | 38.118 ng | # | 87 |
| 68) Atrazine | 10.88 | 200 | 201025 | 38.740 ng | | 97 |
| 69) Pentachlorophenol | 10.99 | 266 | 151099 | 69.320 ng | | 96 |
| 70) Phenanthrene | 11.19 | 178 | 1030209 | 37.437 ng | | 99 |
| 71) Anthracene | 11.24 | 178 | 1070774 | 37.899 ng | | 99 |
| 72) Carbazole | 11.40 | 167 | 942606 | 35.798 ng | | 99 |
| 73) Di-n-butylphthalate | 11.73 | 149 | 1132659 | 35.902 ng | | 99 |
| 74) Fluoranthene | 12.38 | 202 | 1065950 | 38.694 ng | | 99 |
| 76) Benzidine | 12.50 | 184 | 397918 | 23.003 ng | # | 93 |
| 77) Pyrene | 12.61 | 202 | 1109006 | 35.966 ng | | 99 |
| 79) Butylbenzylphthalate | 13.23 | 149 | 489862 | 36.620 ng | # | 83 |
| 80) Benzo(a)anthracene | 13.80 | 228 | 870662 | 37.993 ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.76 | 252 | 206768 | 23.217 ng | # | 95 |
| 82) Chrysene | 13.83 | 228 | 834387 | 36.020 ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 13.79 | 149 | 640383 | 38.144 ng | # | 99 |
| 84) Di-n-octyl phthalate | 14.40 | 149 | 1074658 | 37.309 ng | | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 16.55 | 276 | 590927 | 36.360 ng | | 96 |
| 87) Benzo(b)fluoranthene | 14.82 | 252 | 765417 | 39.821 ng | | 97 |
| 88) Benzo(k)fluoranthene | 14.84 | 252 | 654253 | 36.460 ng | # | 95 |
| 89) Benzo(a)pyrene | 15.15 | 252 | 656370 | 38.330 ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 16.56 | 278 | 489304 | 39.280 ng | | 100 |
| 91) Benzo(g,h,i)perylene | 16.95 | 276 | 497332 | 39.694 ng | | 93 |

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

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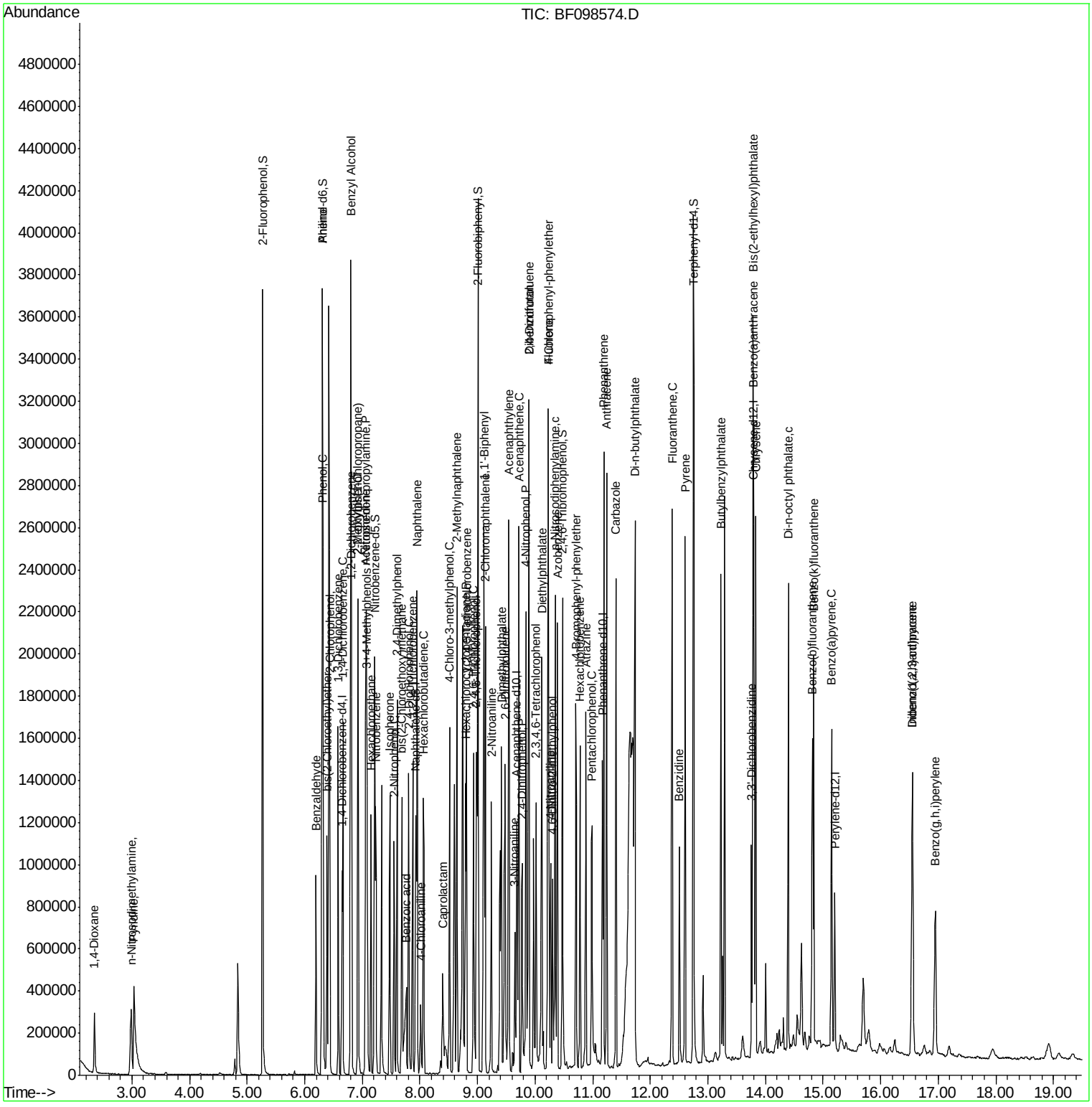
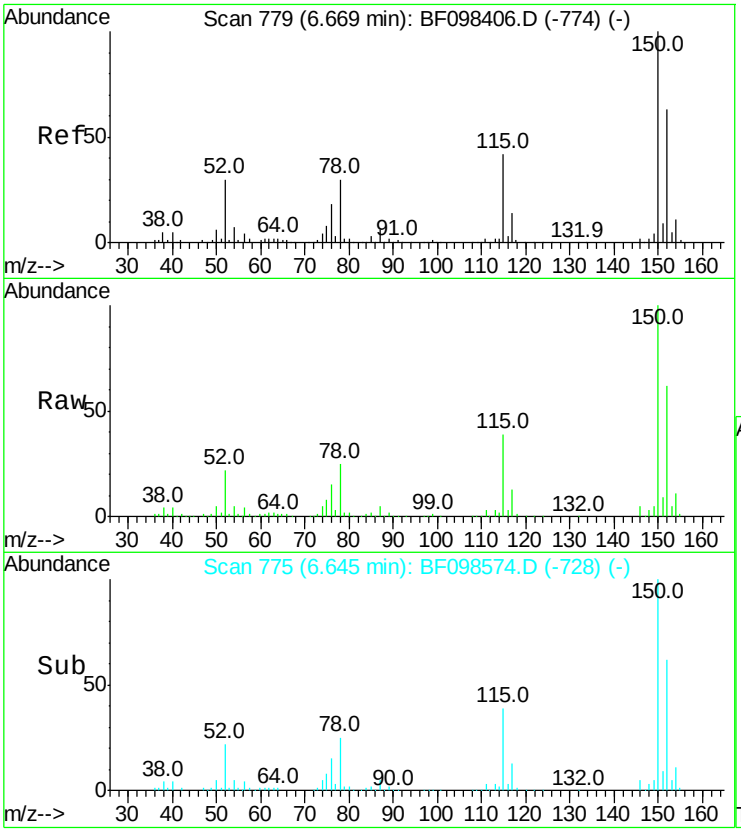
Data Path : Z:\HPCHEM1\BNA F\DATA\BF091517\
Data File : BF098574.D
Acq On : 15 Sep 2017 17:42
Operator : SJ/JU
Sample : PB102329BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Quant Time: Sep 16 01:45:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration



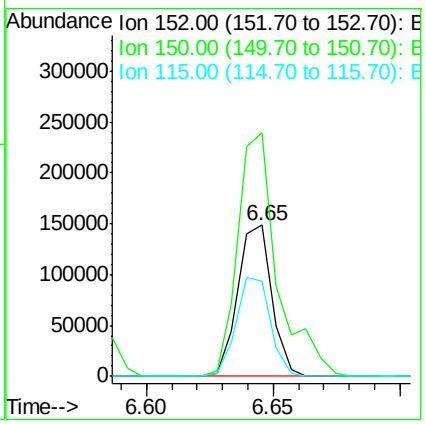


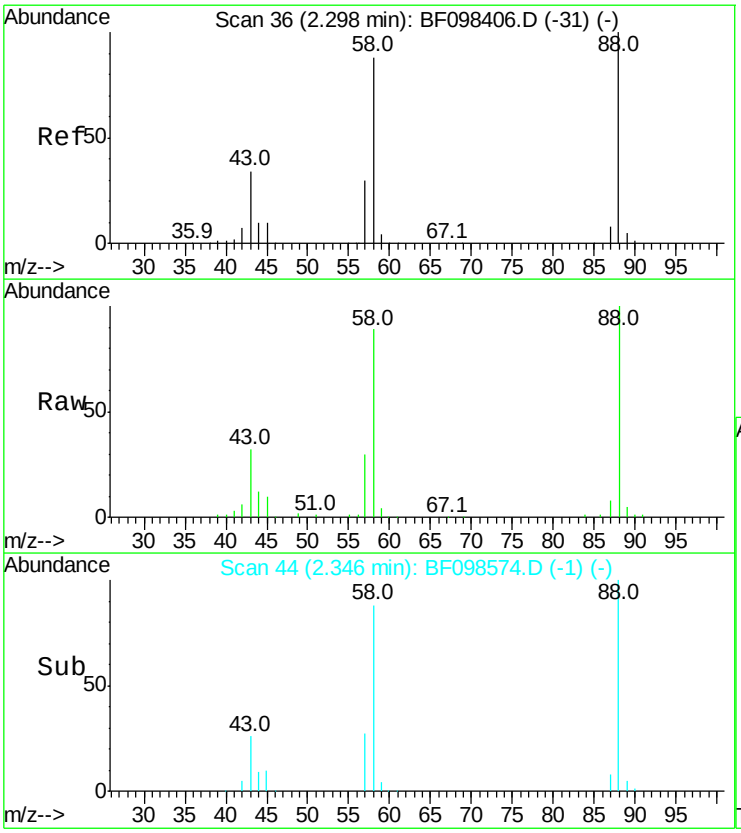

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:152 Resp: 138510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 160.8 | 126.2 | 189.2 |
| 115 | 63.0 | 52.2 | 78.2 |

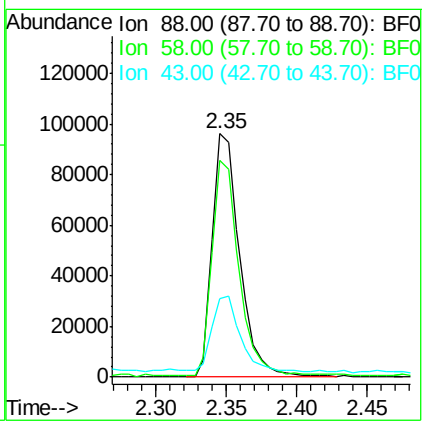


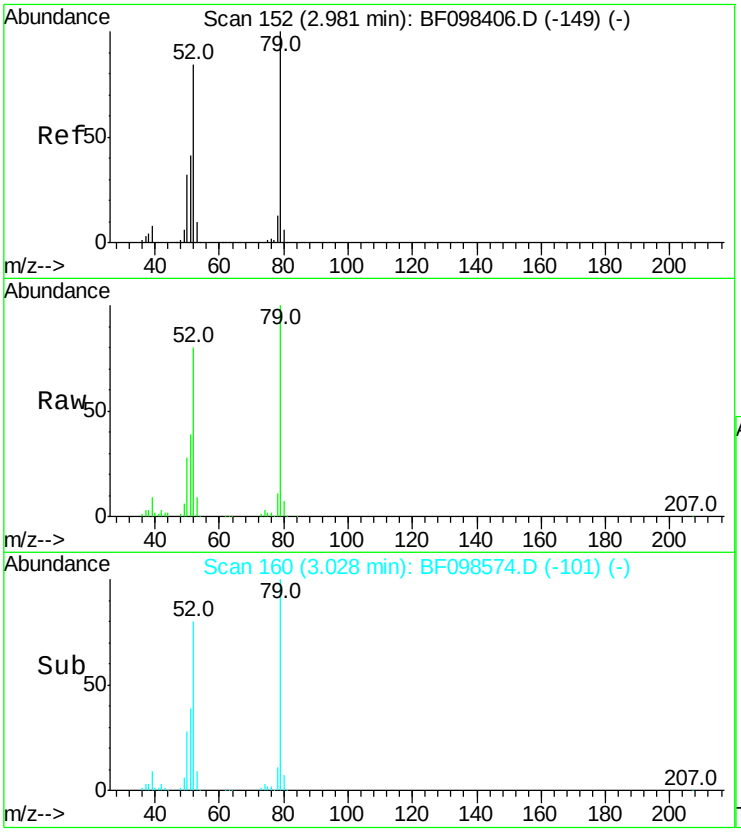




#2
1,4-Dioxane
Concen: 27.005 ng
RT: 2.35 min Scan# 44
Delta R.T. 0.05 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion: 88 Resp: 130576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 86.4 | 61.4 | 92.0 |
| 43 | 32.1 | 23.4 | 35.0 |



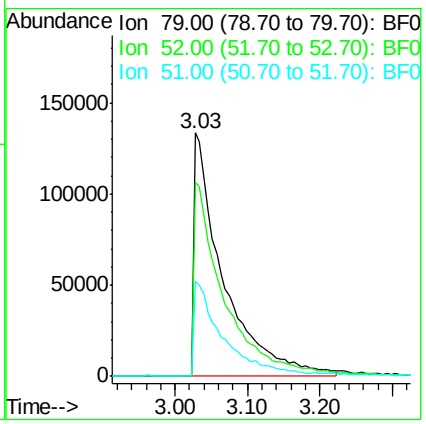


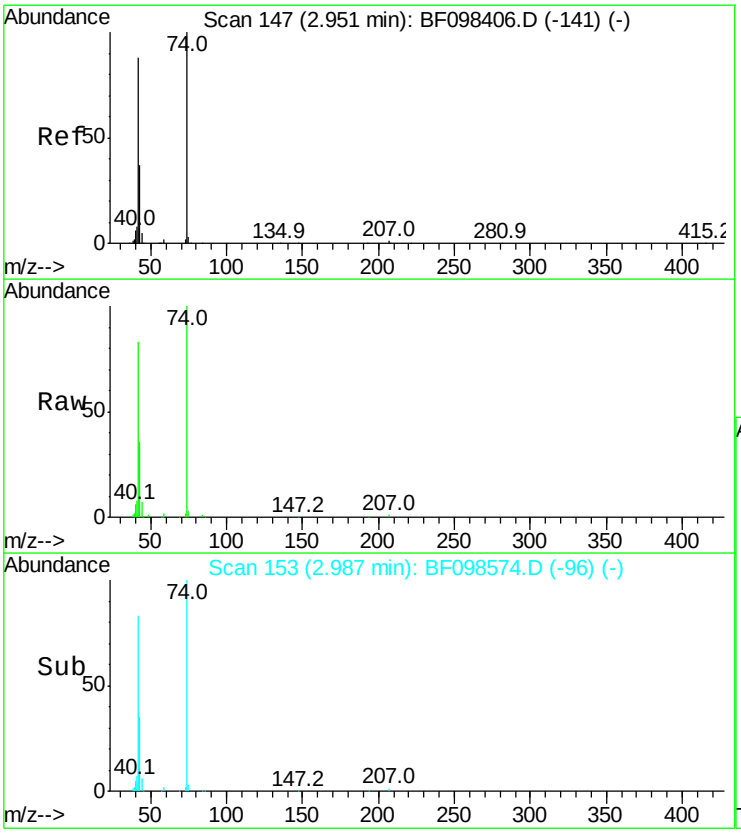

#3
Pyridine
Concen: 29.225 ng
RT: 3.03 min Scan# 160
Delta R.T. 0.05 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :** BNA_F
**ClientSampleId :** PB102329BS

Tgt Ion: 79 Resp: 375268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 79.7 | 54.8 | 82.2 |
| 51 | 39.3 | 27.0 | 40.4 |

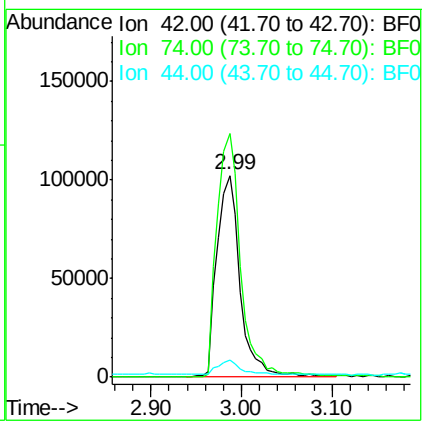


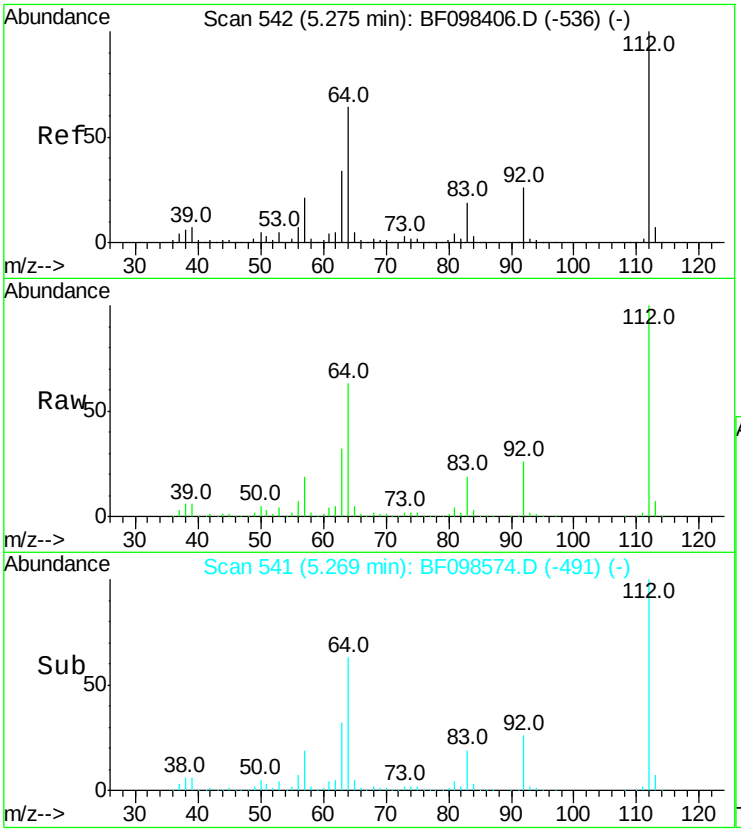




#4
n-Nitrosodimethylamine
Concen: 28.935 ng
RT: 2.99 min Scan# 153
Delta R.T. 0.04 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion: 42 Resp: 182155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 120.9 | 103.9 | 155.9 |
| 44 | 8.6 | 5.7 | 8.5# |



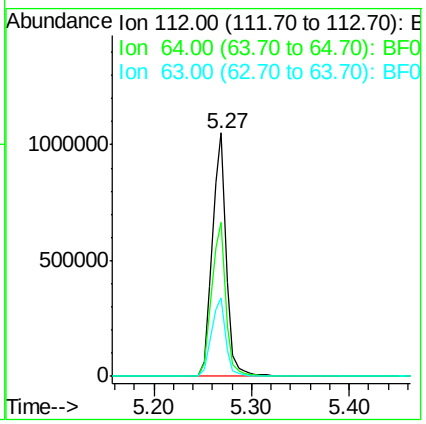


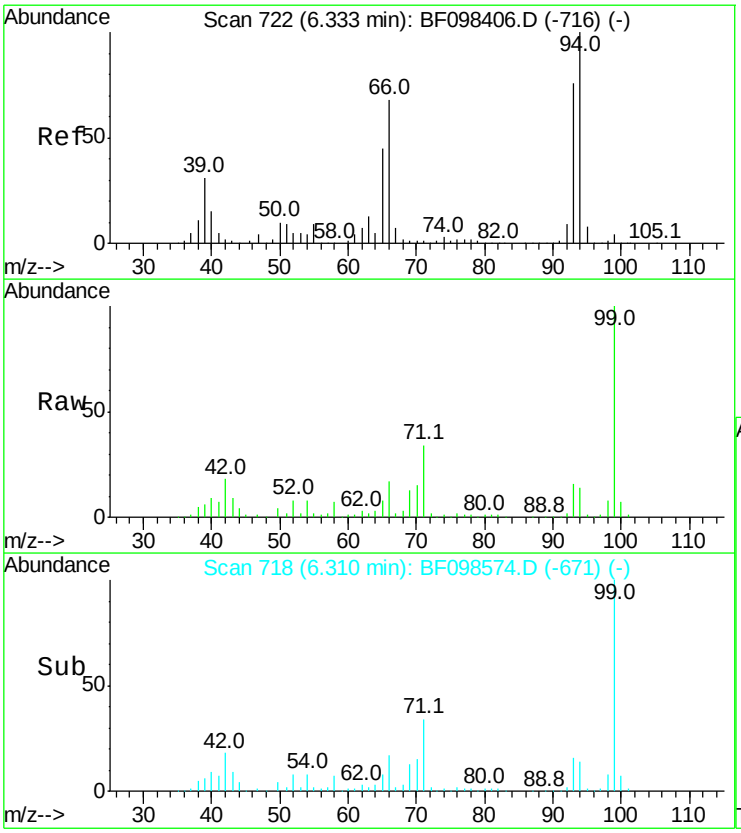

#5
2-Fluorophenol
Concen: 111.404 ng
RT: 5.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:112 Resp: 1043647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 63.0 | 46.0 | 69.0 |
| 63 | 32.3 | 23.4 | 35.0 |

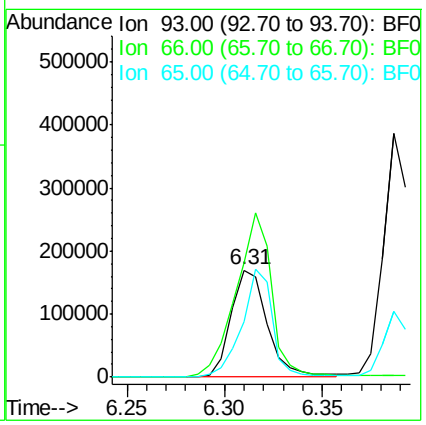


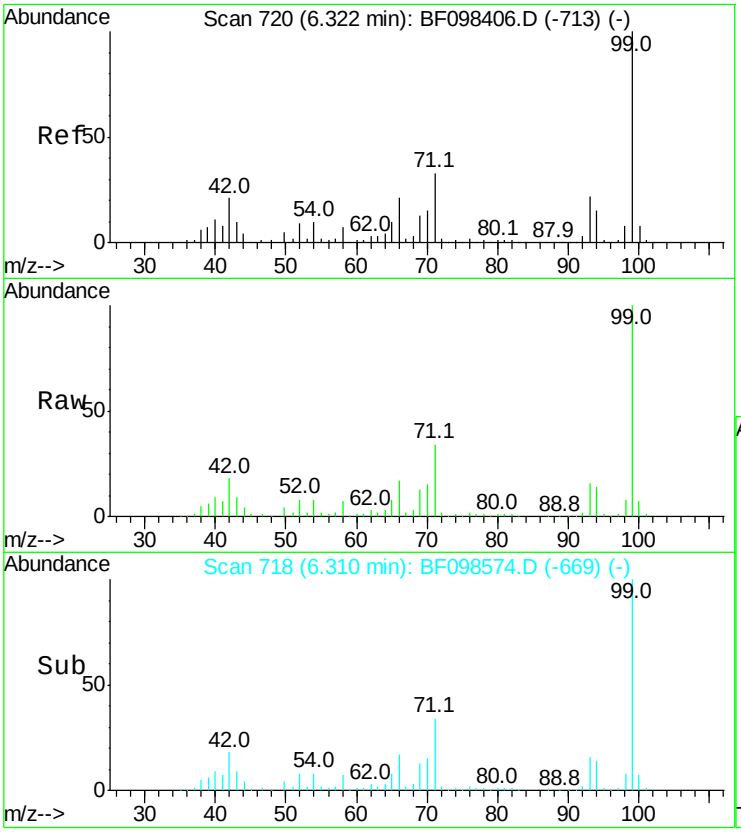




#6
Aniline
Concen: 14.690 ng
RT: 6.31 min Scan# 718
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion: 93 Resp: 219211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 106.6 | 32.9 | 49.3# |
| 65 | 51.9 | 16.0 | 24.0# |



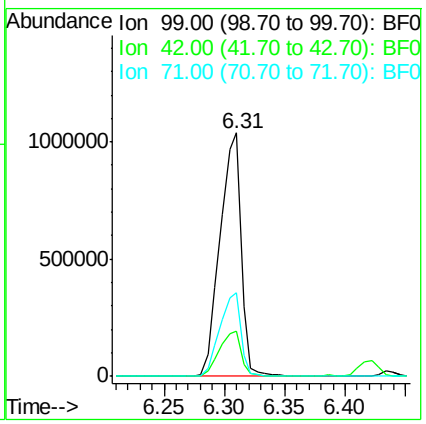


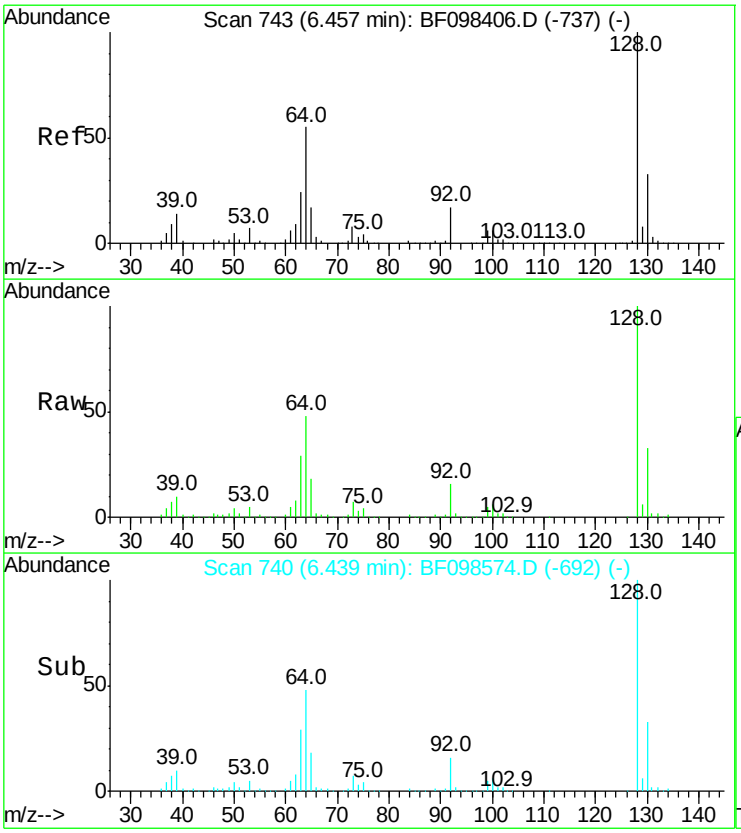

#7
Phenol-d6
Concen: 105.823 ng
RT: 6.31 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion: 99 Resp: 1258697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.4 | 13.5 | 20.3 |
| 71 | 34.3 | 24.5 | 36.7 |

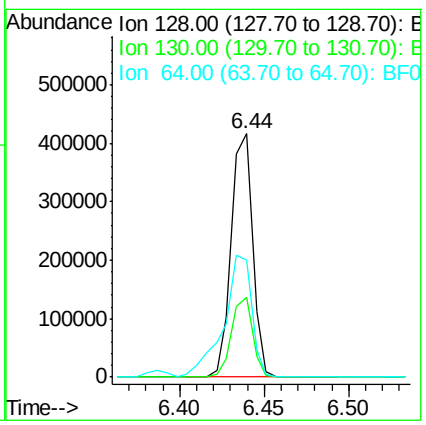


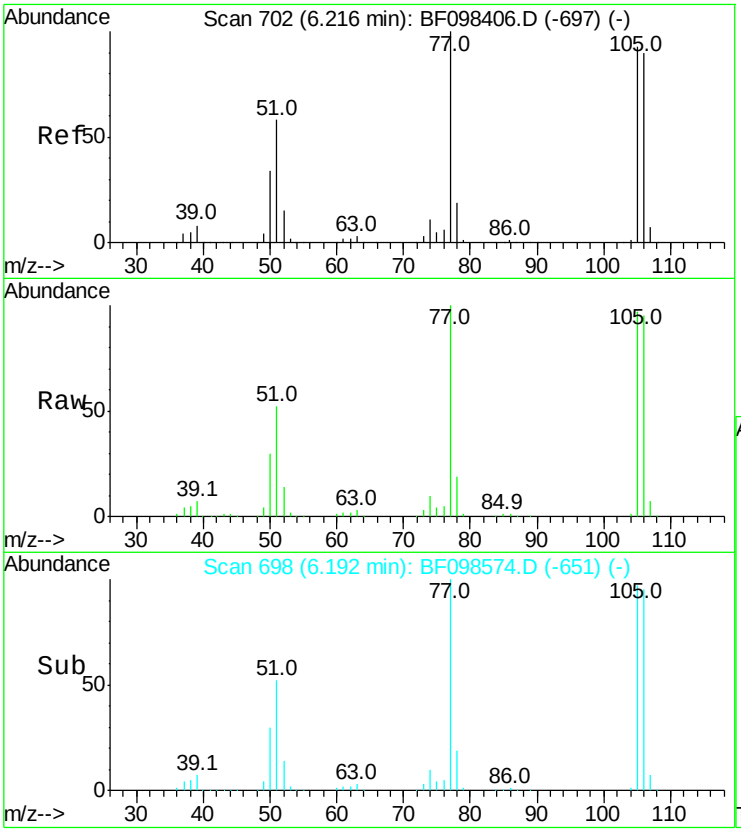




#8
2-Chlorophenol
Concen: 35.603 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:128 Resp: 366758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.9 | 12.9 | 52.9 |
| 64 | 47.9 | 28.4 | 68.4 |



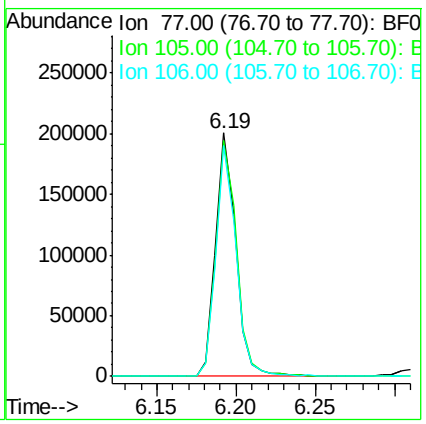


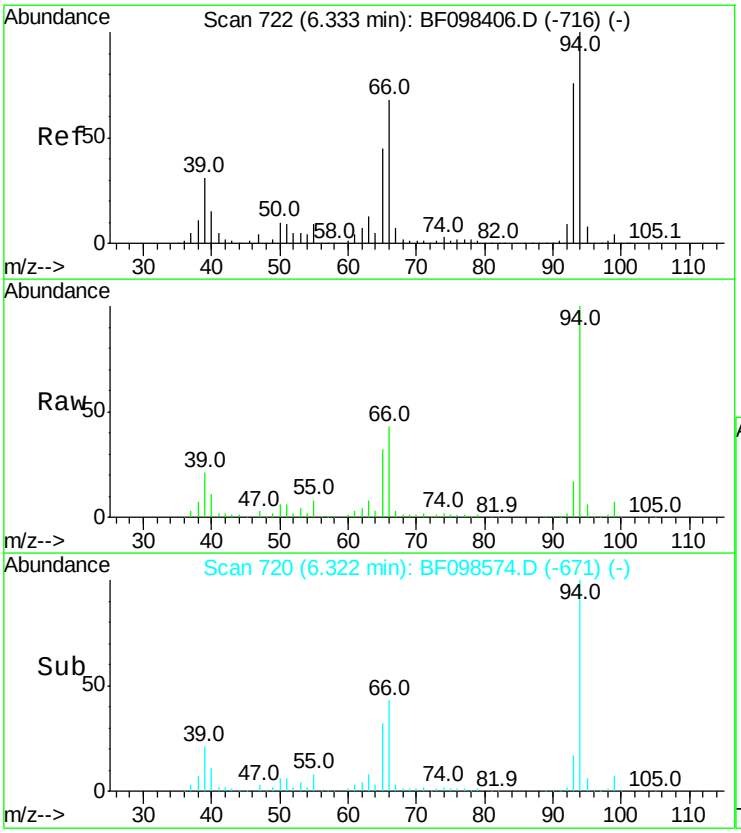

#9
Benzaldehyde
Concen: 23.040 ng
RT: 6.19 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion: 77 Resp: 179149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 97.1 | 83.8 | 123.8 |
| 106 | 94.9 | 79.1 | 119.1 |

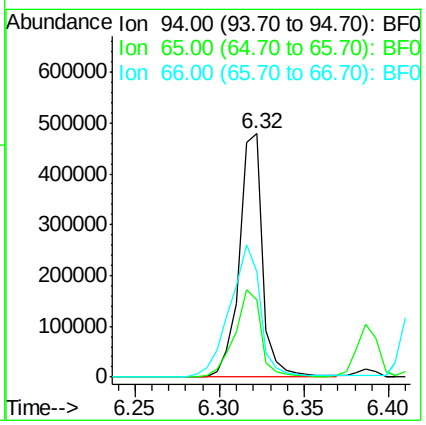


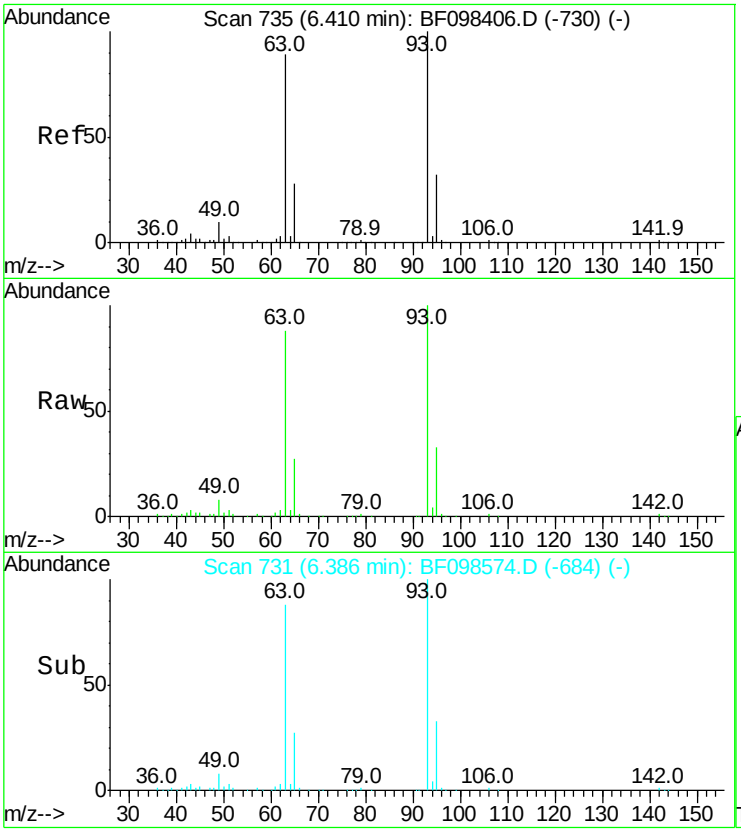




#10
Phenol
Concen: 33.327 ng
RT: 6.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion: 94 Resp: 460432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 31.7 | 9.9 | 49.9 |
| 66 | 43.4 | 23.1 | 63.1 |



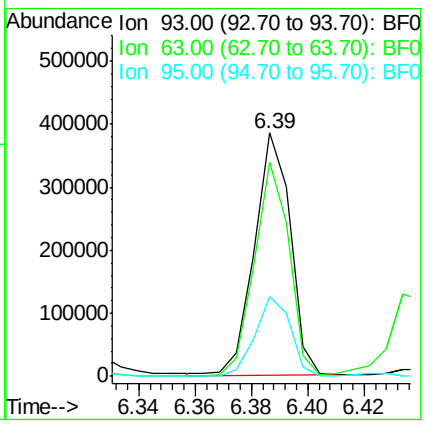


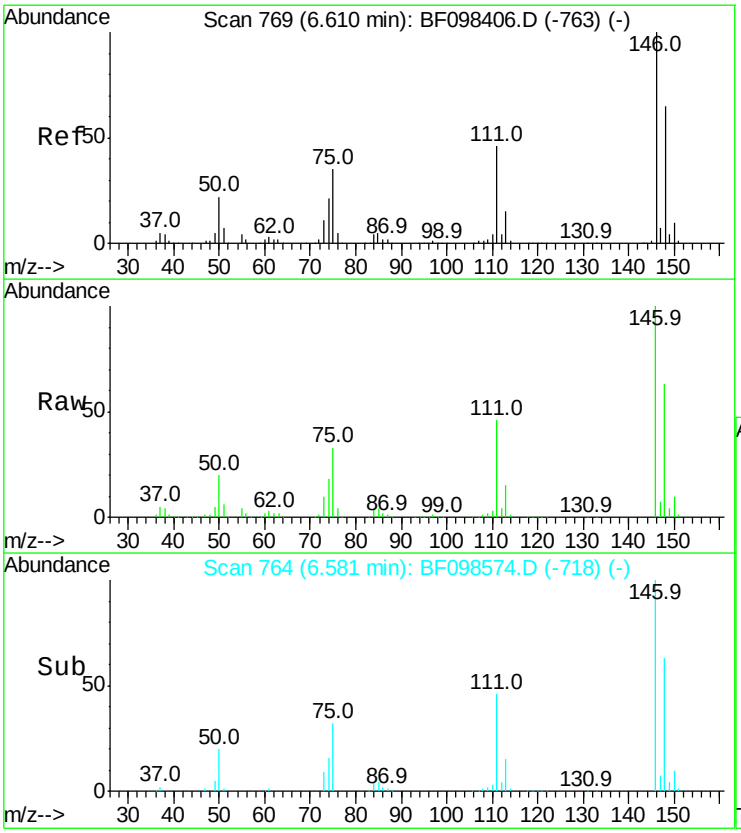

#11
bis(2-Chloroethyl)ether
Concen: 32.638 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion: 93 Resp: 339967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 87.7 | 59.2 | 99.2 |
| 95 | 32.6 | 12.8 | 52.8 |

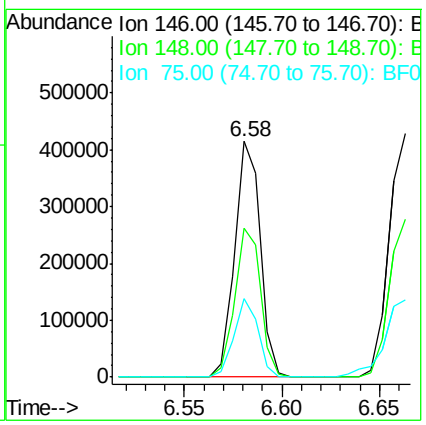


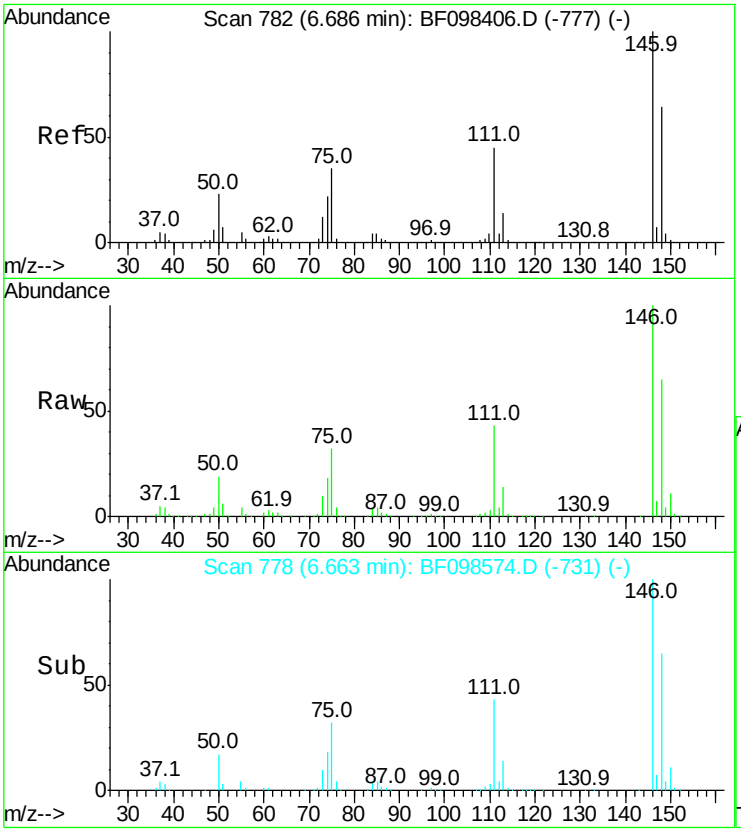




#12
1,3-Dichlorobenzene
Concen: 36.217 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.03 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:146 Resp: 375522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.3 | 51.8 | 77.6 |
| 75 | 33.1 | 23.1 | 34.7 |



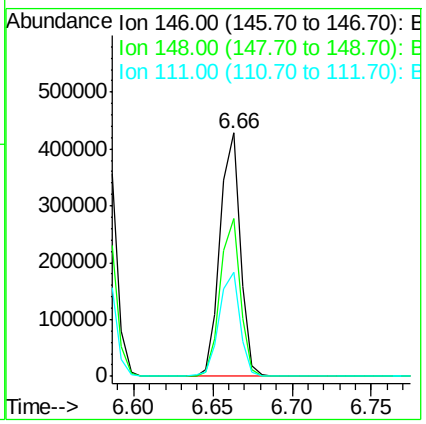


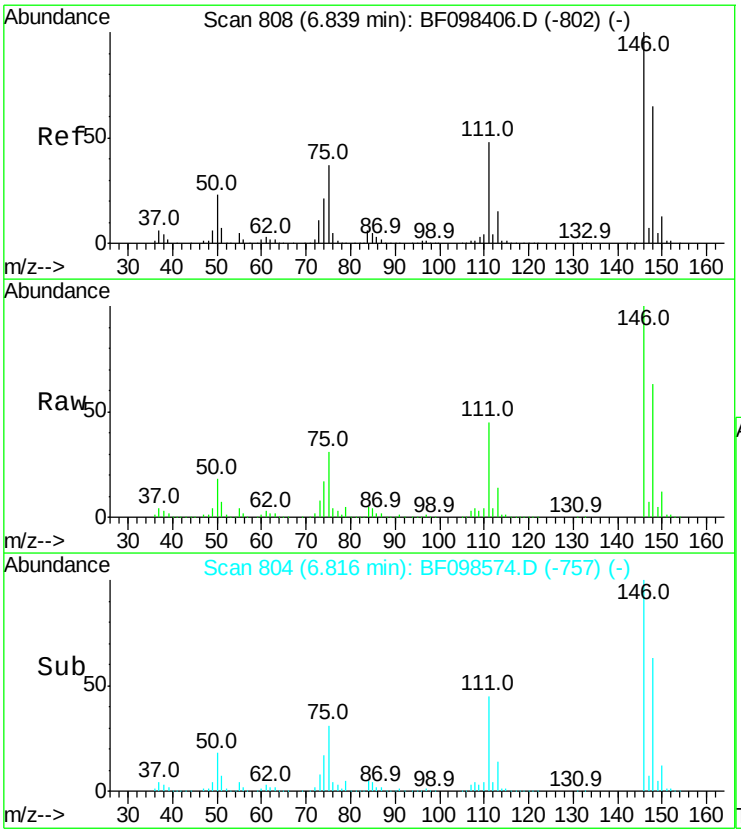

#13
1,4-Dichlorobenzene
Concen: 35.798 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:146 Resp: 380191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.9 | 52.2 | 78.2 |
| 111 | 43.0 | 30.3 | 45.5 |

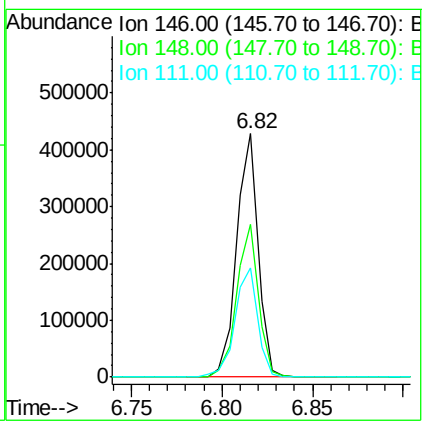


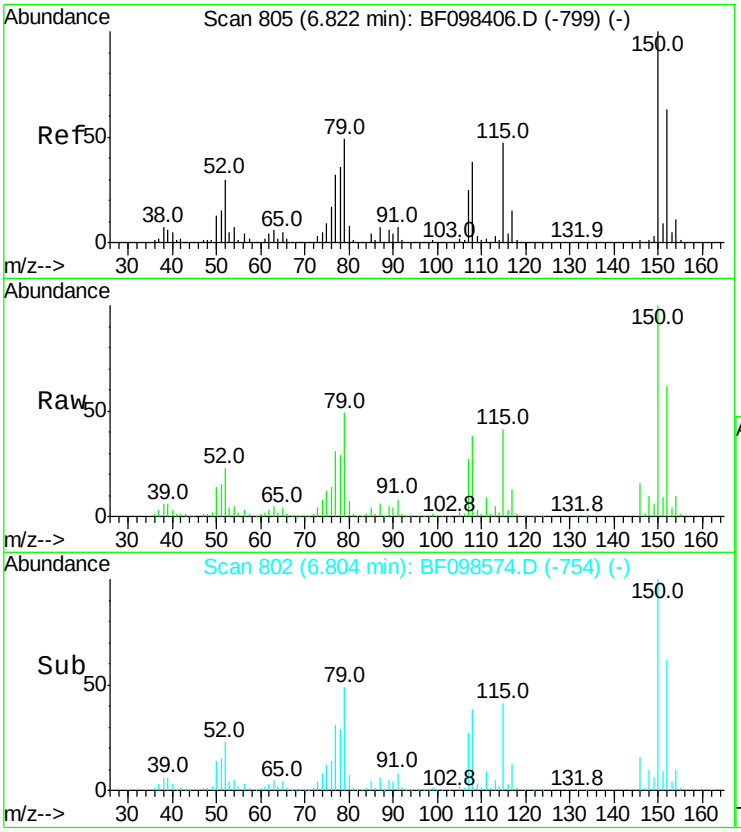




#14
1,2-Dichlorobenzene
Concen: 36.564 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:146 Resp: 353796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.0 | 50.4 | 75.6 |
| 111 | 44.6 | 38.2 | 57.4 |



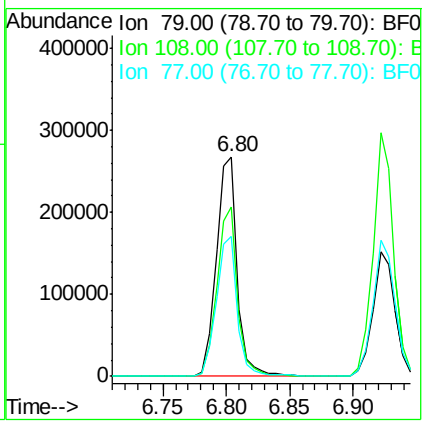


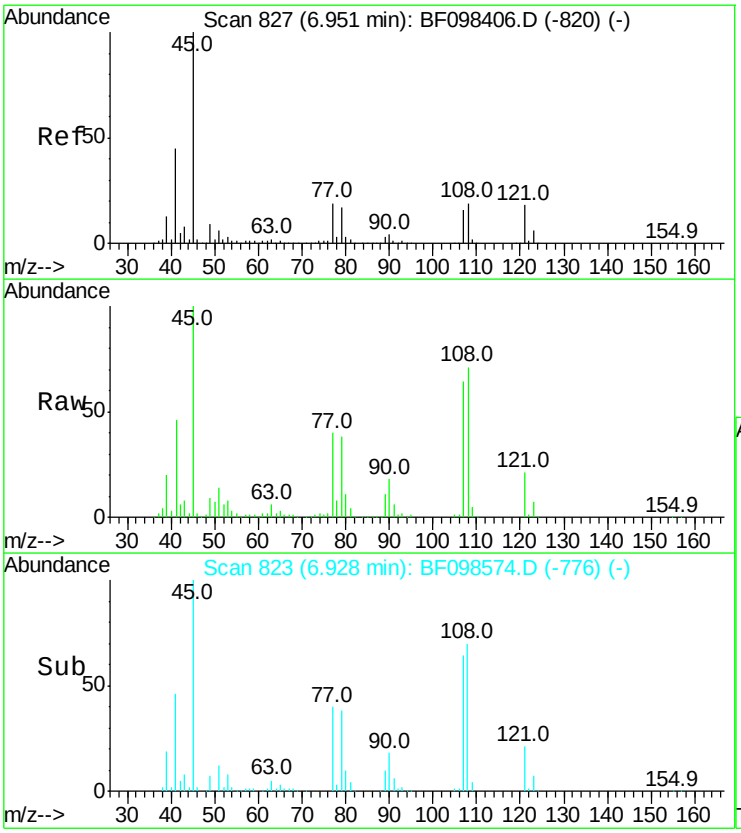

#15
Benzyl Alcohol
Concen: 39.027 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion: 79 Resp: 308941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 77.1 | 63.4 | 95.0 |
| 77 | 64.0 | 49.2 | 73.8 |

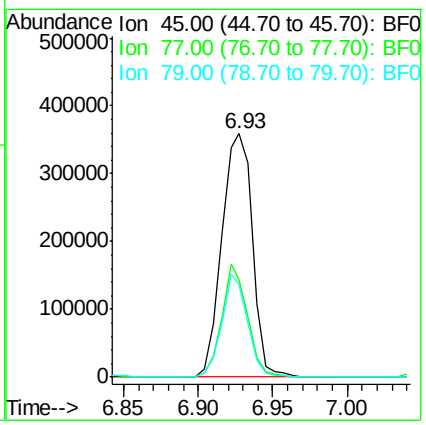


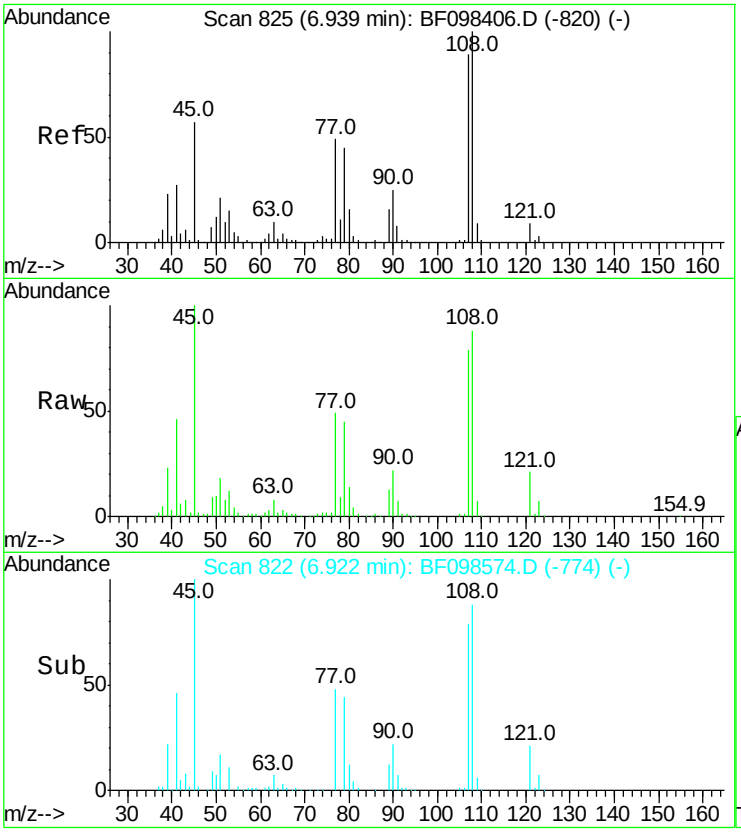




#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.044 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion: 45 Resp: 514914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 40.4 | 0.0 | 33.2# |
| 79 | 38.2 | 0.0 | 30.0# |



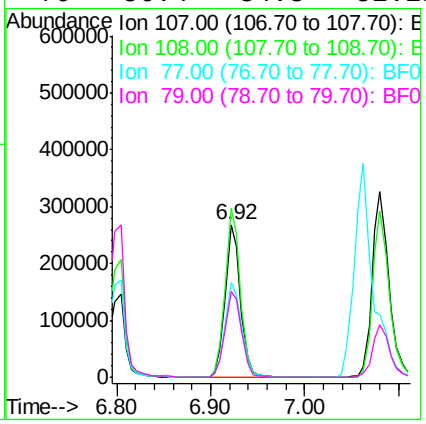


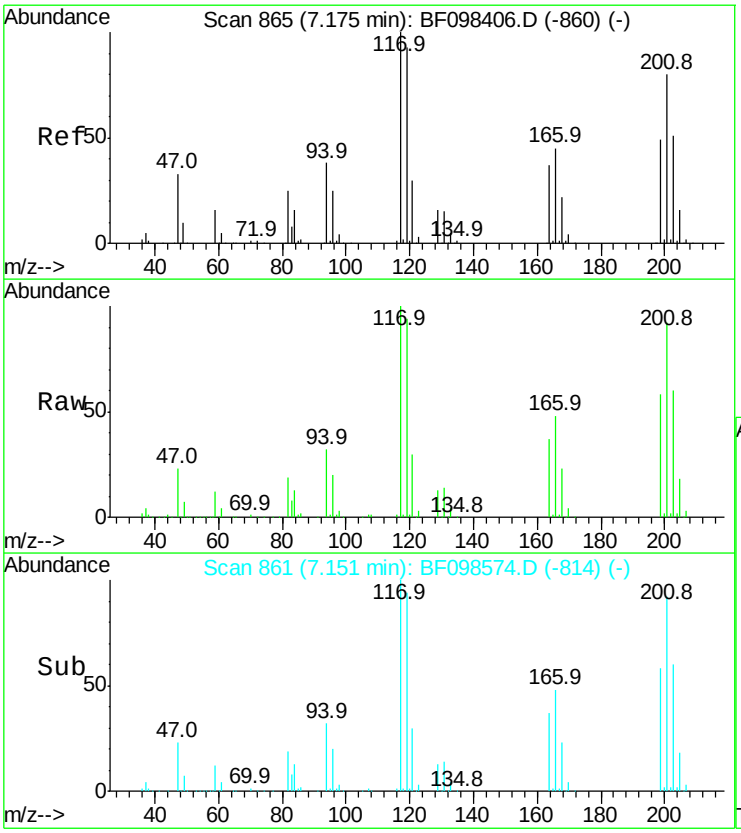

#17
2-Methylphenol
Concen: 36.159 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:107 Resp: 303739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 110.8 | 93.4 | 140.0 |
| 77 | 62.1 | 35.8 | 53.6# |
| 79 | 56.4 | 34.8 | 52.2# |

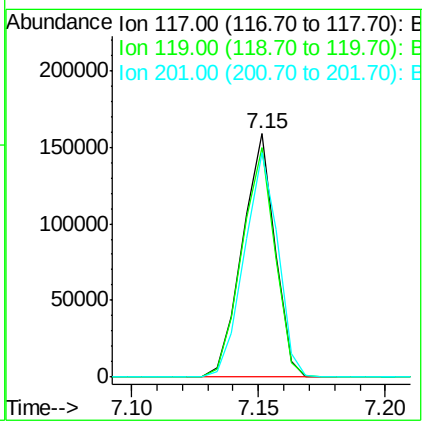


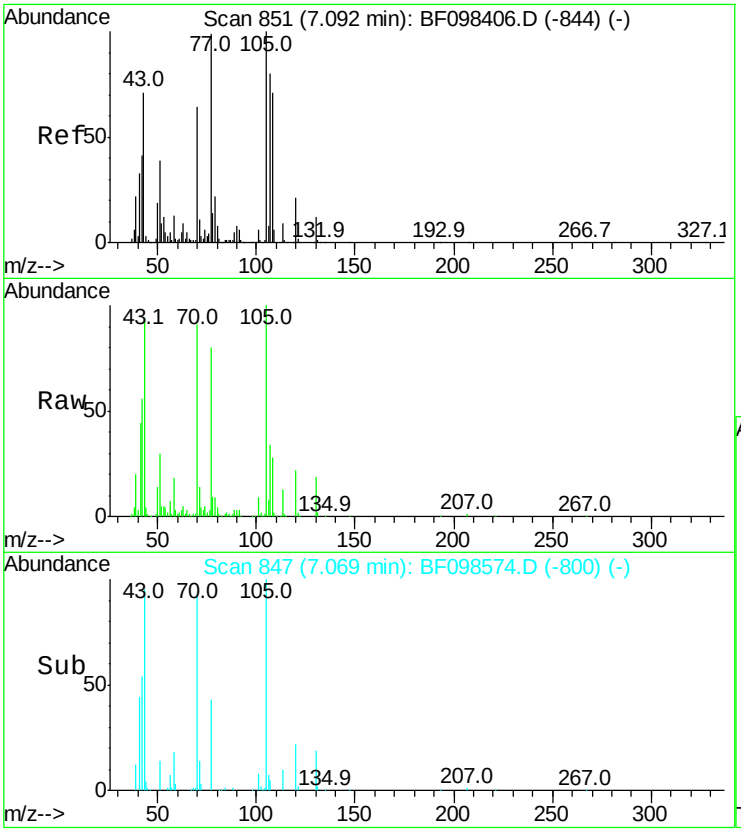




#18
Hexachloroethane
Concen: 34.844 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:117 Resp: 141721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.1 | 77.4 | 116.0 |
| 201 | 92.4 | 94.6 | 141.8# |



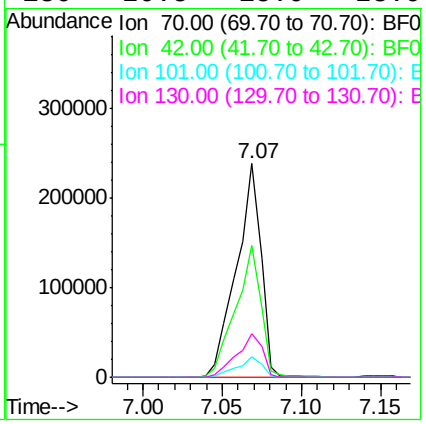


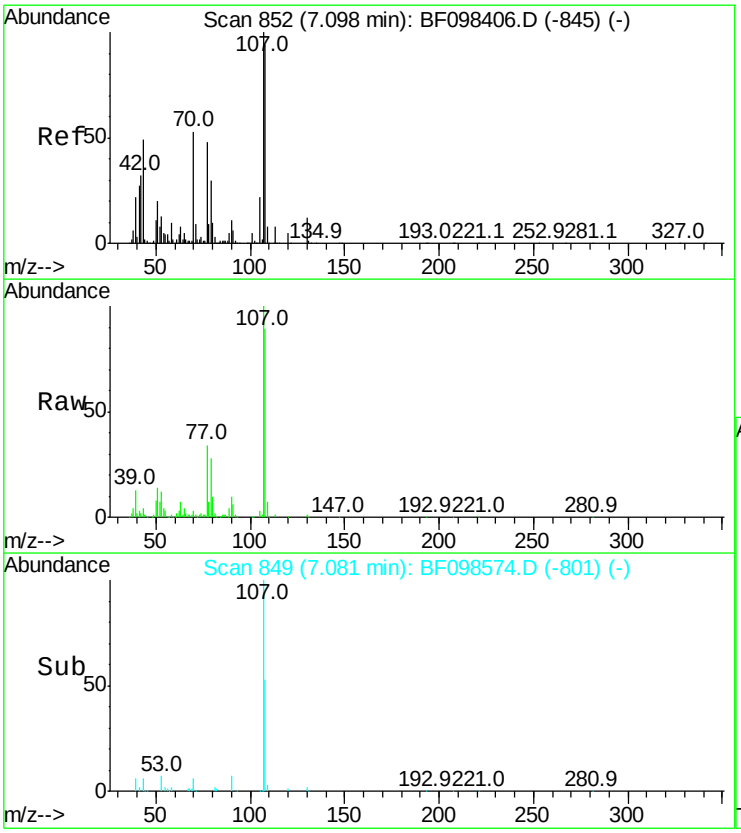

#19
n-Nitroso-di-n-propylamine
Concen: 34.264 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion: 70 Resp: 256353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 61.6 | 47.2 | 70.8 |
| 101 | 9.6 | 7.2 | 10.8 |
| 130 | 20.5 | 15.9 | 23.9 |

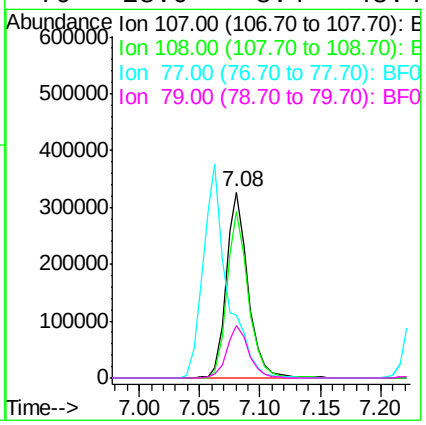


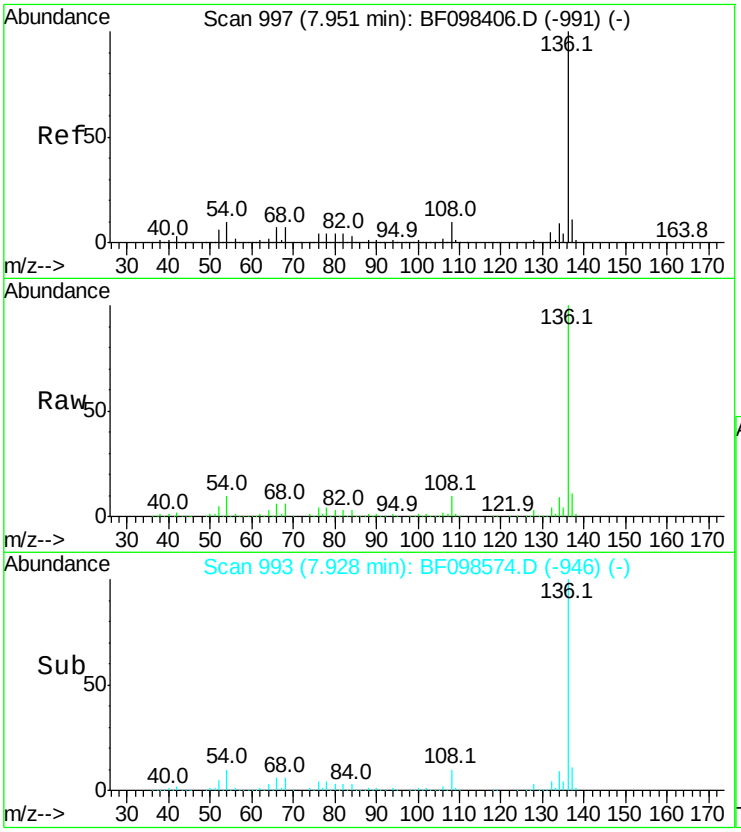




#20
3+4-Methylphenols
Concen: 38.399 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:107 Resp: 407046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 89.5 | 71.0 | 111.0 |
| 77 | 33.8 | 90.5 | 130.5# |
| 79 | 28.0 | 8.4 | 48.4 |



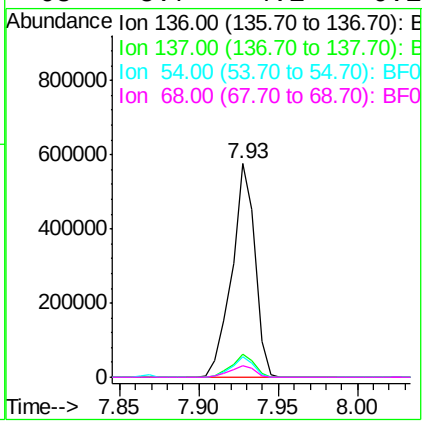


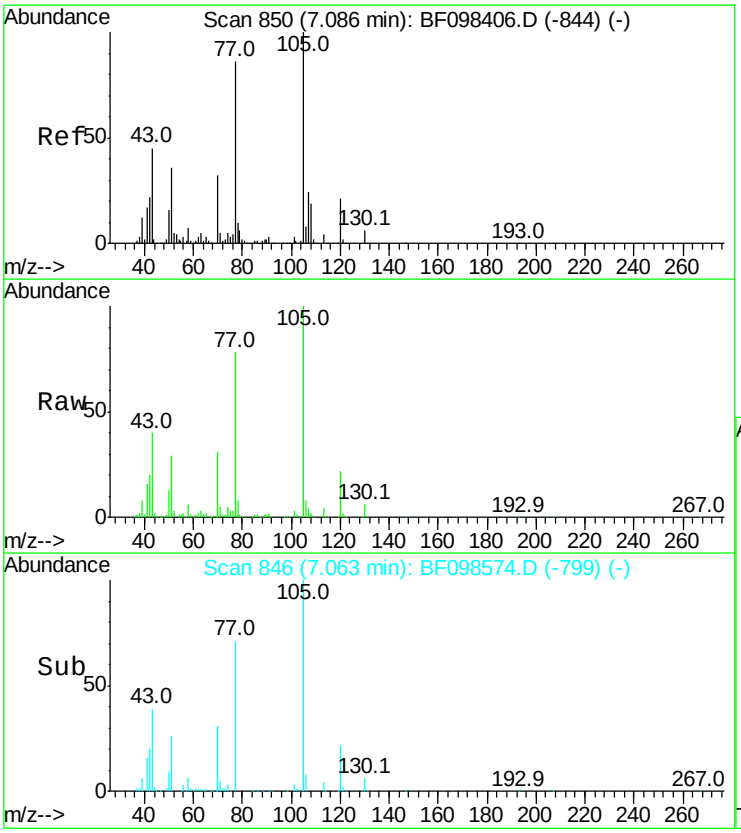

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:136 Resp: 580501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.5 | 12.7 |
| 54 | 9.6 | 4.9 | 7.3# |
| 68 | 5.7 | 4.1 | 6.1 |

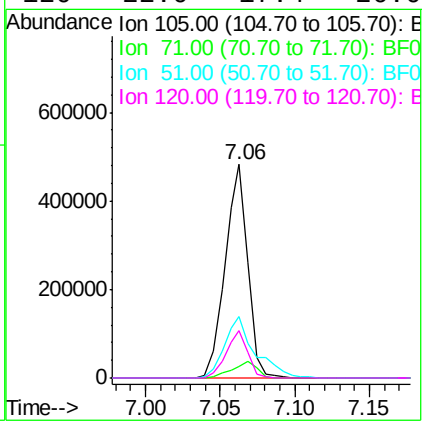


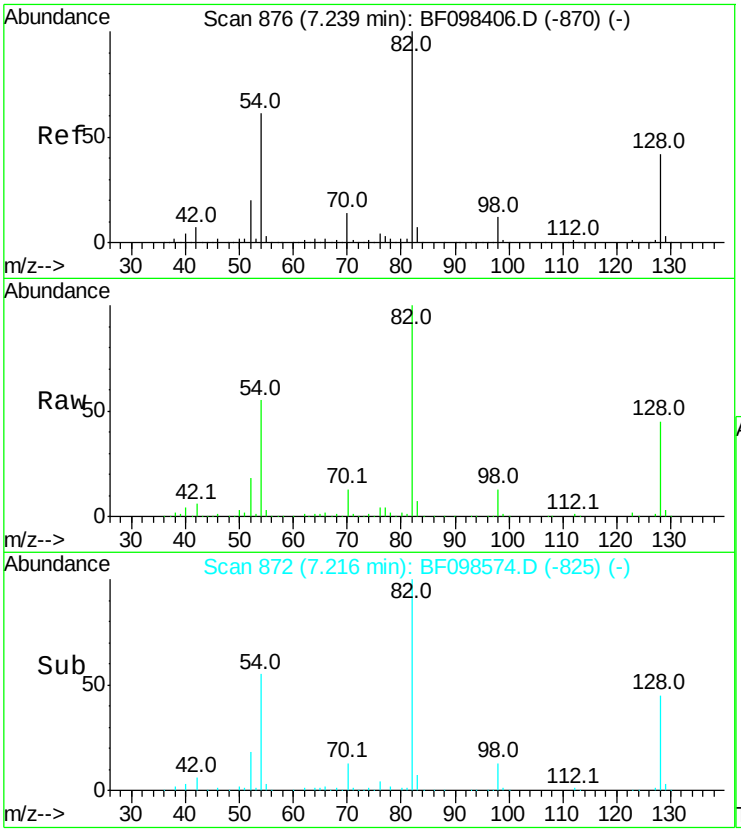




#22
Acetophenone
Concen: 34.390 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:105 Resp: 515964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 5.5 | 2.8 | 4.2# |
| 51 | 28.7 | 30.7 | 46.1# |
| 120 | 22.0 | 17.4 | 26.0 |

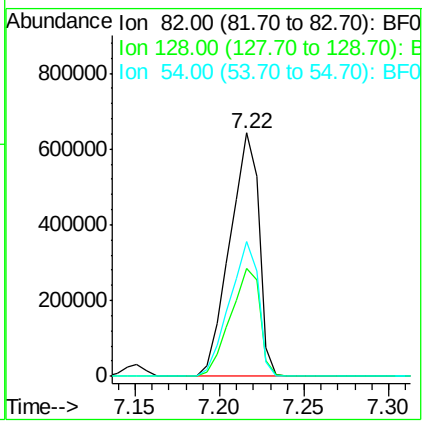




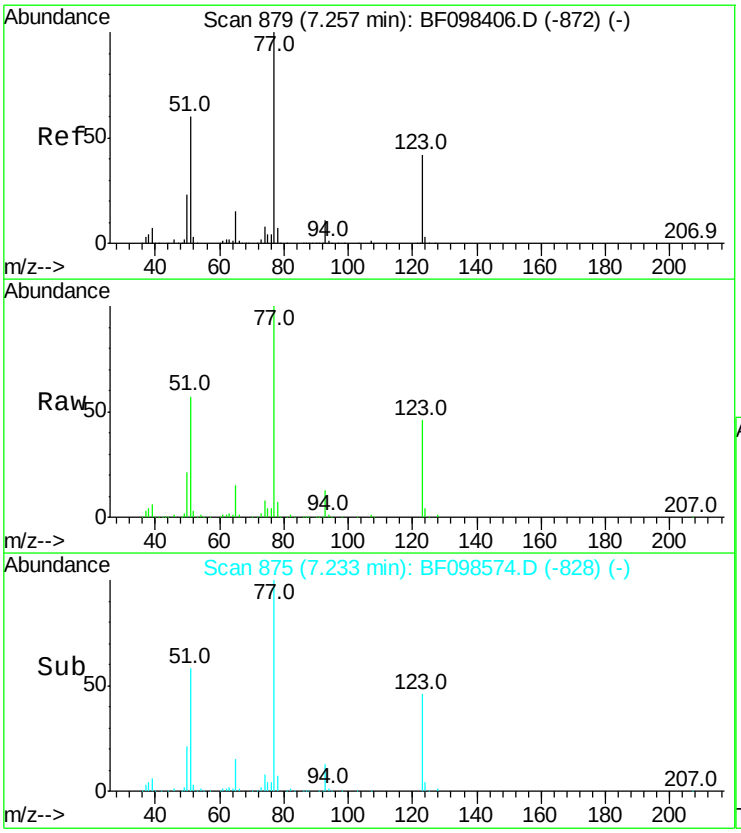

#23
Nitrobenzene-d5
Concen: 74.329 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion: 82 Resp: 773961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.5 | 34.0 | 51.0 |
| 54 | 55.2 | 42.2 | 63.2 |



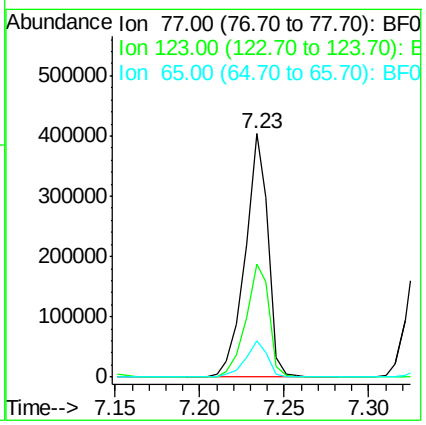

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

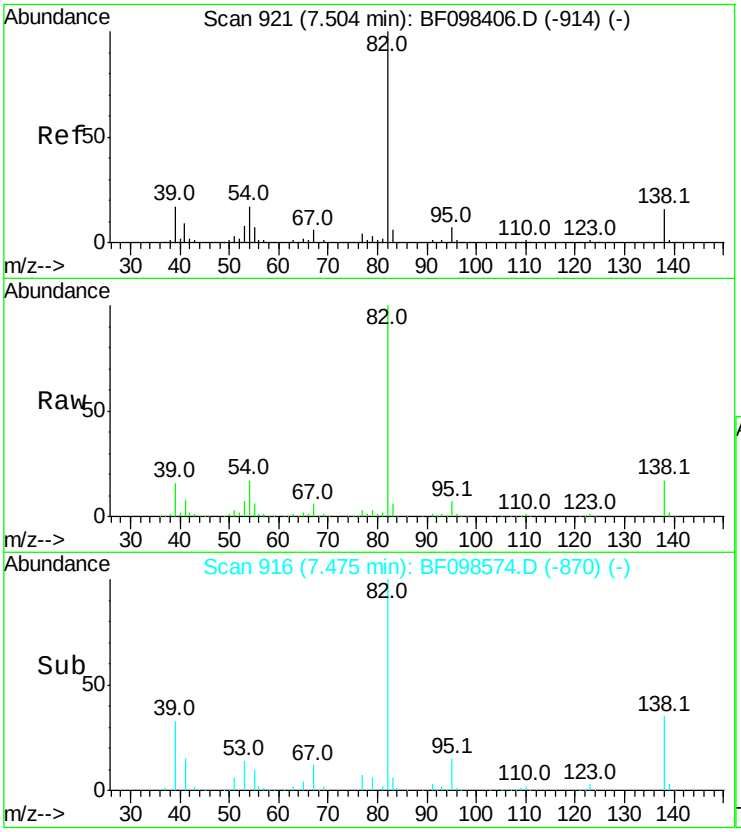



#24
Nitrobenzene
Concen: 32.077 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion: 77 Resp: 380452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 46.3 | 35.8 | 53.8 |
| 65 | 14.8 | 10.6 | 15.8 |



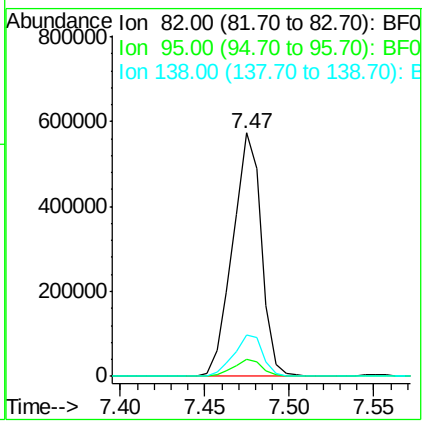


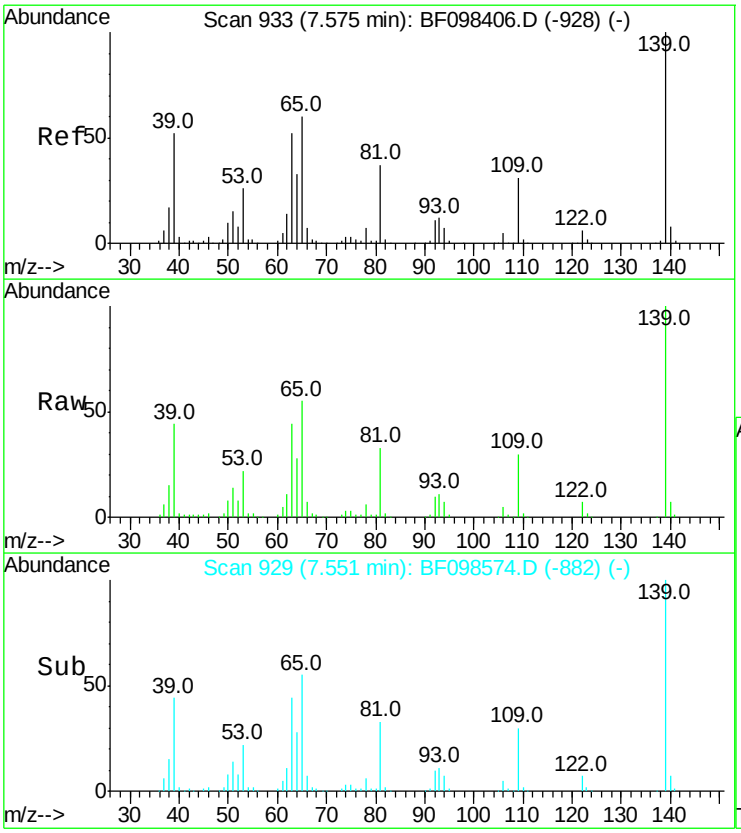

#25
Isophorone
Concen: 32.196 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.03 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion: 82 Resp: 678297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.2 | 5.3 | 7.9 |
| 138 | 17.0 | 13.1 | 19.7 |

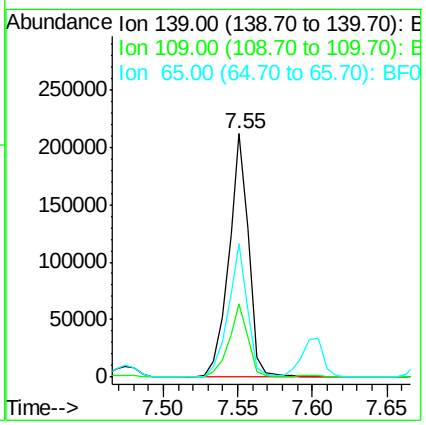


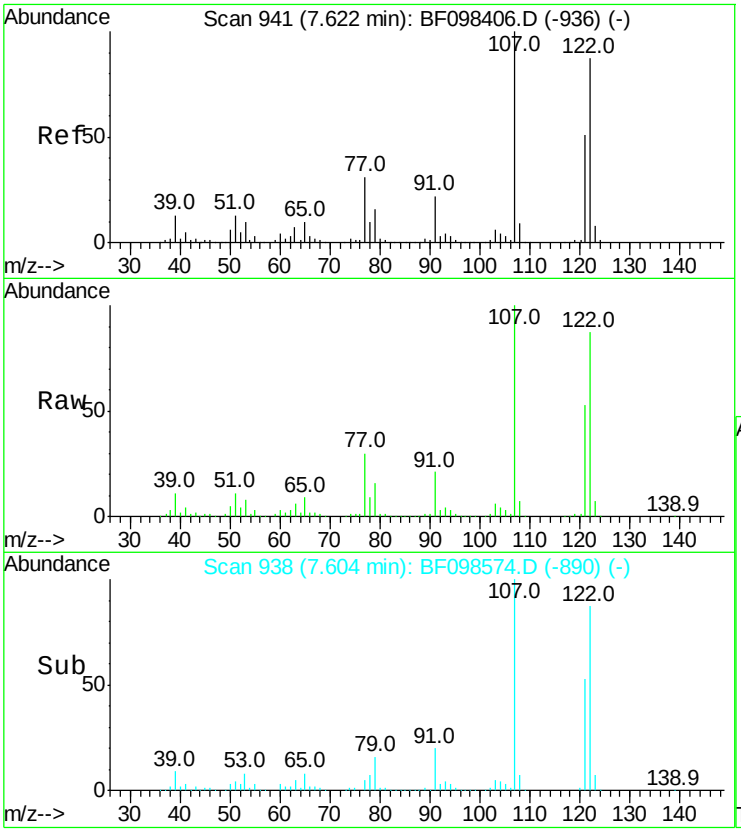




#26
2-Nitrophenol
Concen: 41.144 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:139 Resp: 197034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 30.0 | 21.0 | 31.6 |
| 65 | 54.7 | 33.0 | 49.6# |



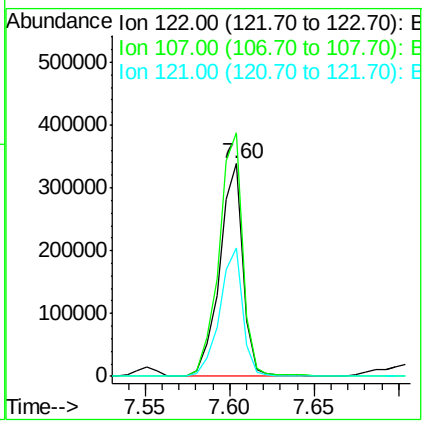


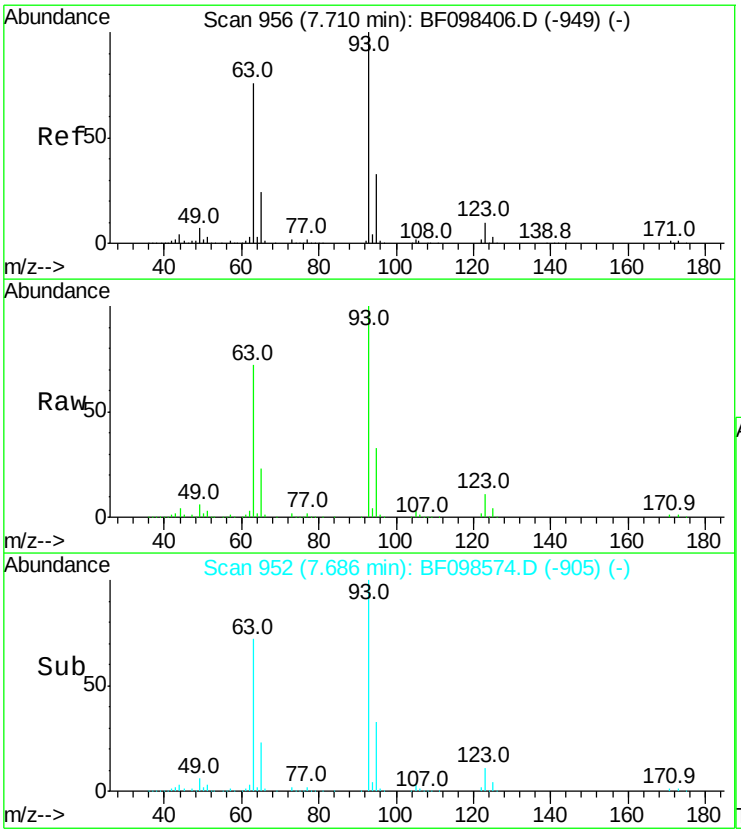

#27
2,4-Dimethylphenol
Concen: 35.489 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:122 Resp: 323980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 114.4 | 89.2 | 133.8 |
| 121 | 60.5 | 45.2 | 67.8 |

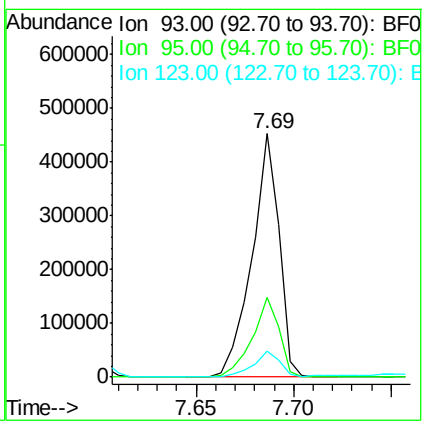


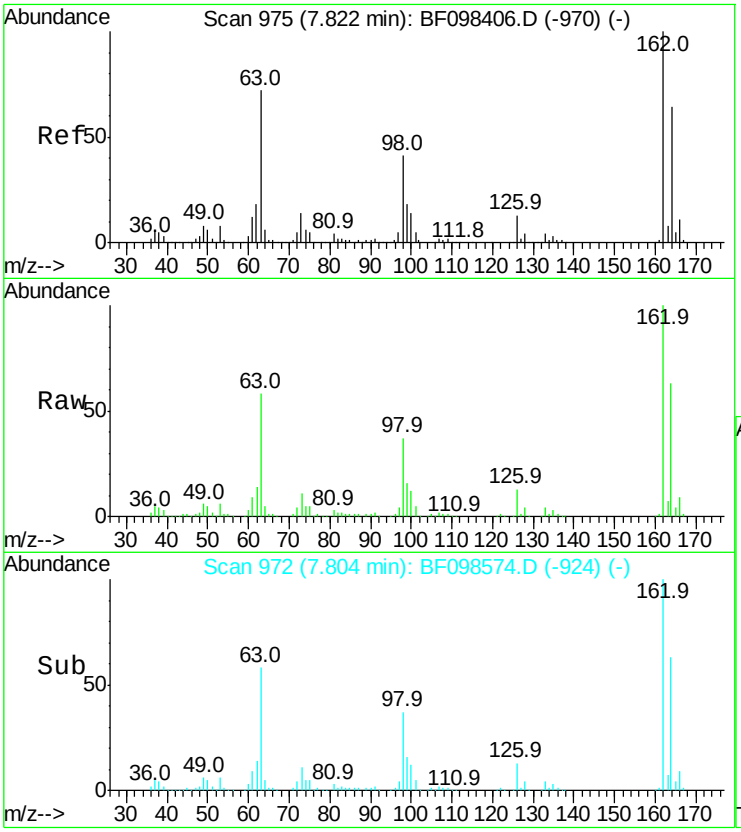




#28
bis(2-Chloroethoxy)methane
Concen: 33.901 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion: 93 Resp: 435796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.6 | 26.5 | 39.7 |
| 123 | 10.6 | 9.0 | 13.4 |



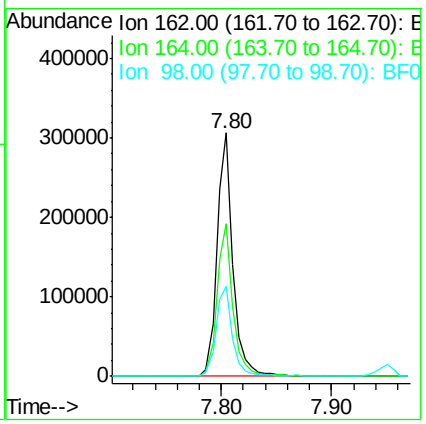


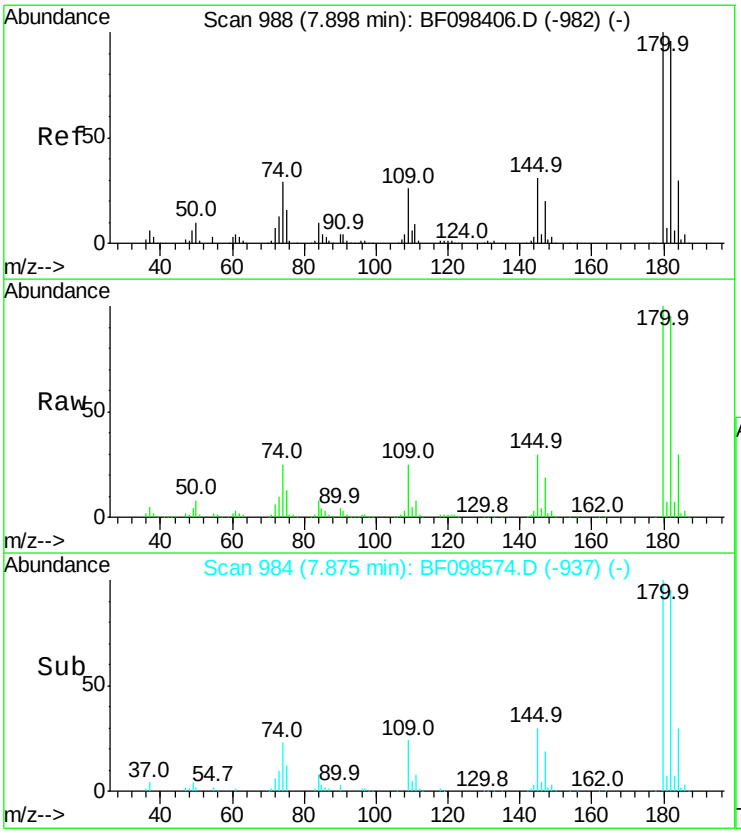

#29
2,4-Dichlorophenol
Concen: 39.981 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:162 Resp: 303553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 62.7 | 44.6 | 84.6 |
| 98 | 36.8 | 14.8 | 54.8 |

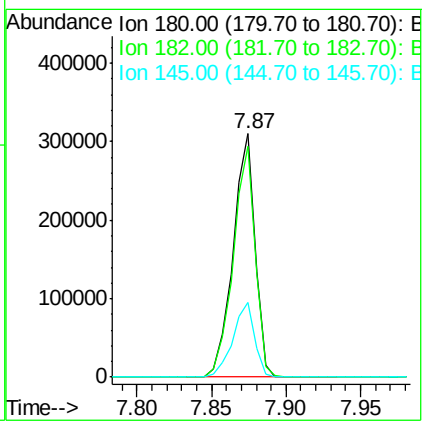


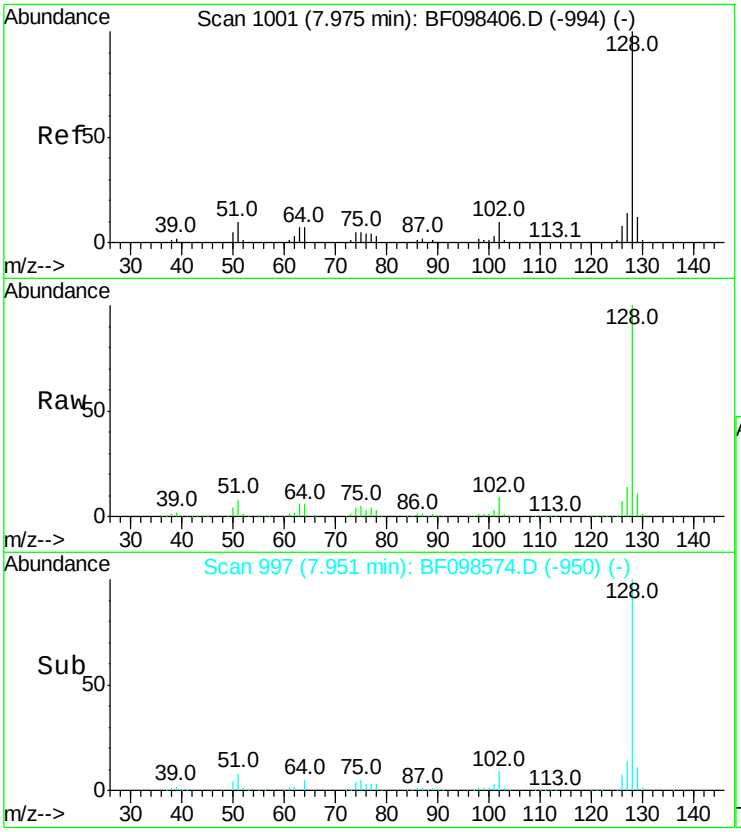

#30
1,2,4-Trichlorobenzene
Concen: 38.787 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:180 Resp: 320344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.6 | 75.8 | 113.6 |
| 145 | 30.5 | 25.3 | 37.9 |



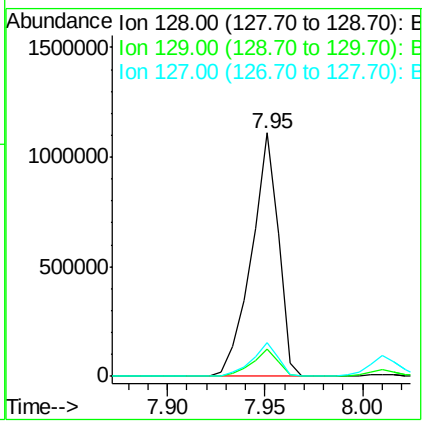
**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

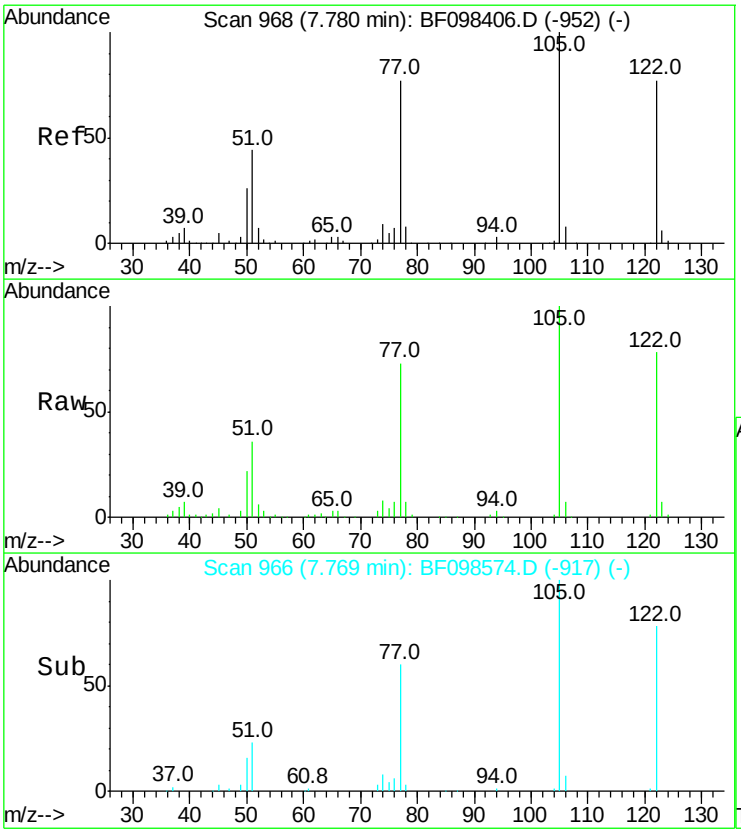



#31
Naphthalene
Concen: 36.913 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:128 Resp: 1059317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 9.0 | 13.6 |
| 127 | 13.7 | 10.8 | 16.2 |

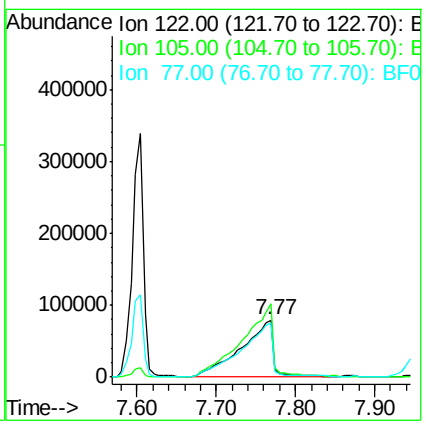


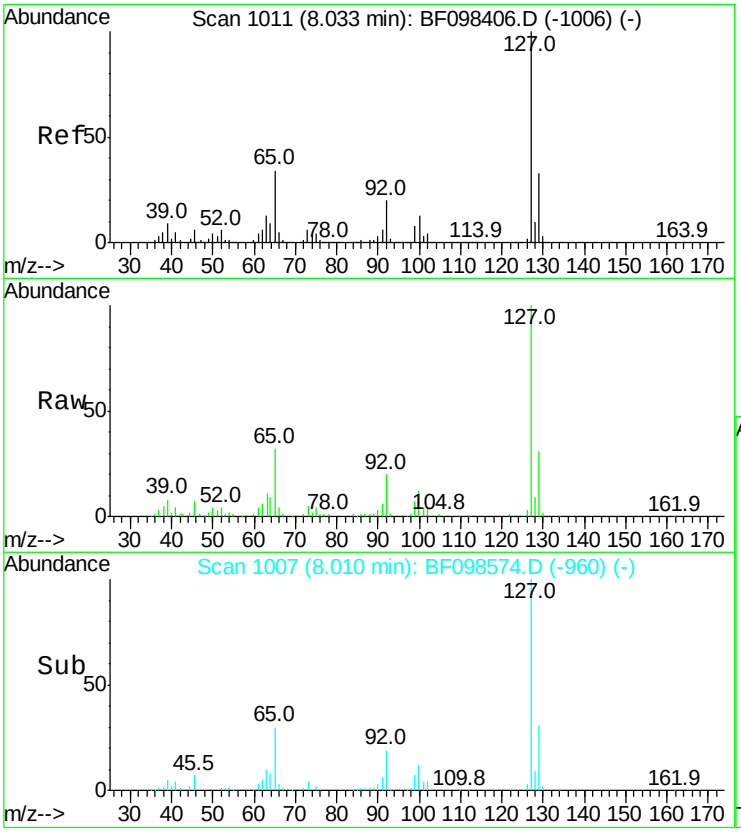




#32
Benzoic acid
Concen: 38.532 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:122 Resp: 224423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 128.8 | 103.3 | 143.3 |
| 77 | 94.6 | 73.7 | 113.7 |



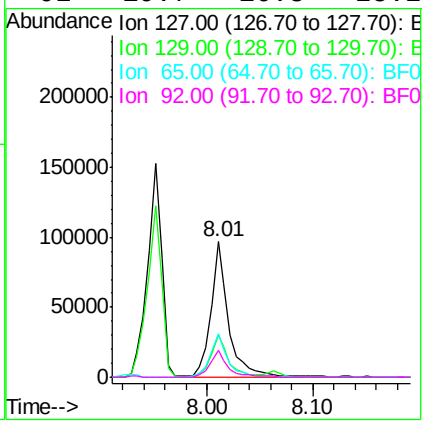


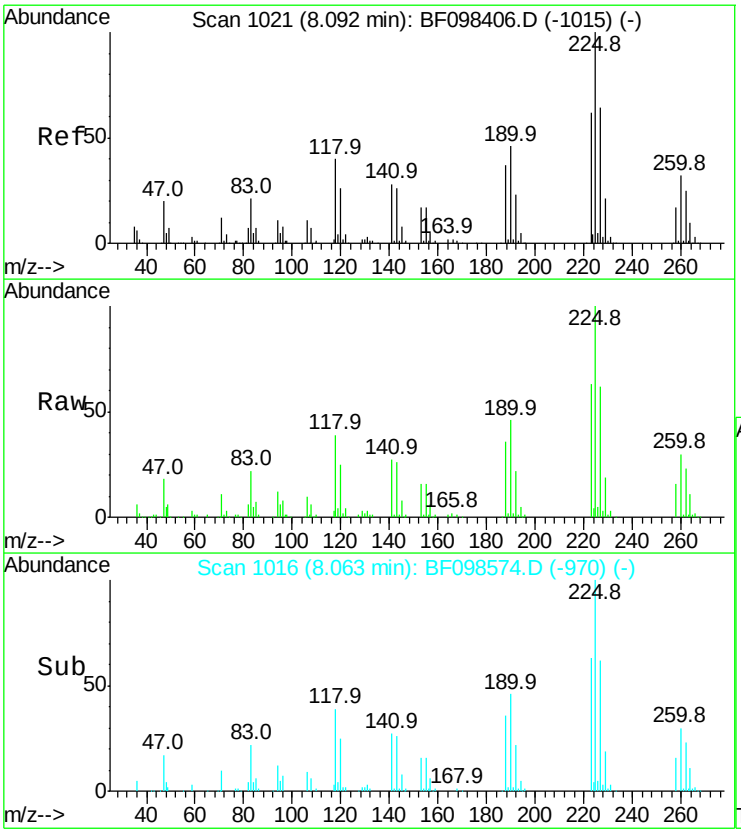

#33
4-Chloroaniline
Concen: 9.789 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:127 Resp: 114169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.3 | 26.2 | 39.2 |
| 65 | 32.1 | 27.8 | 41.8 |
| 92 | 19.7 | 16.8 | 25.2 |

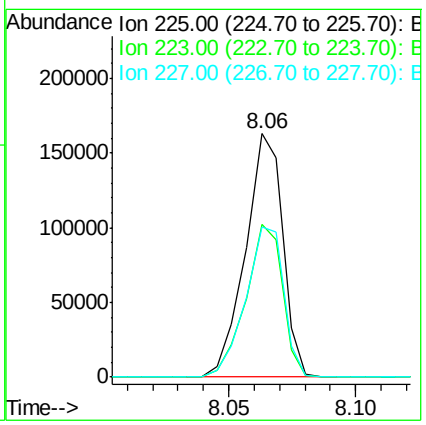


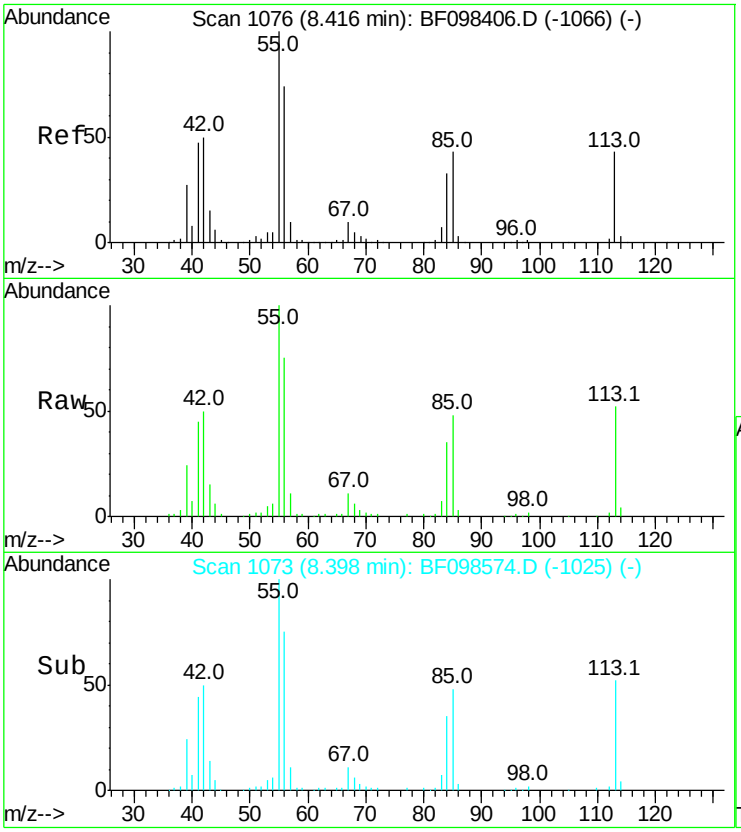




#34
Hexachlorobutadiene
Concen: 39.422 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.03 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:225 Resp: 167147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.0 | 48.8 | 73.2 |
| 227 | 61.7 | 51.1 | 76.7 |



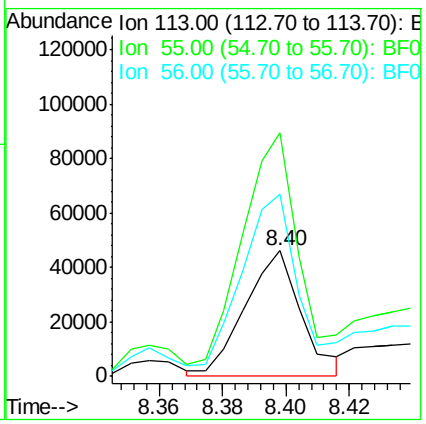


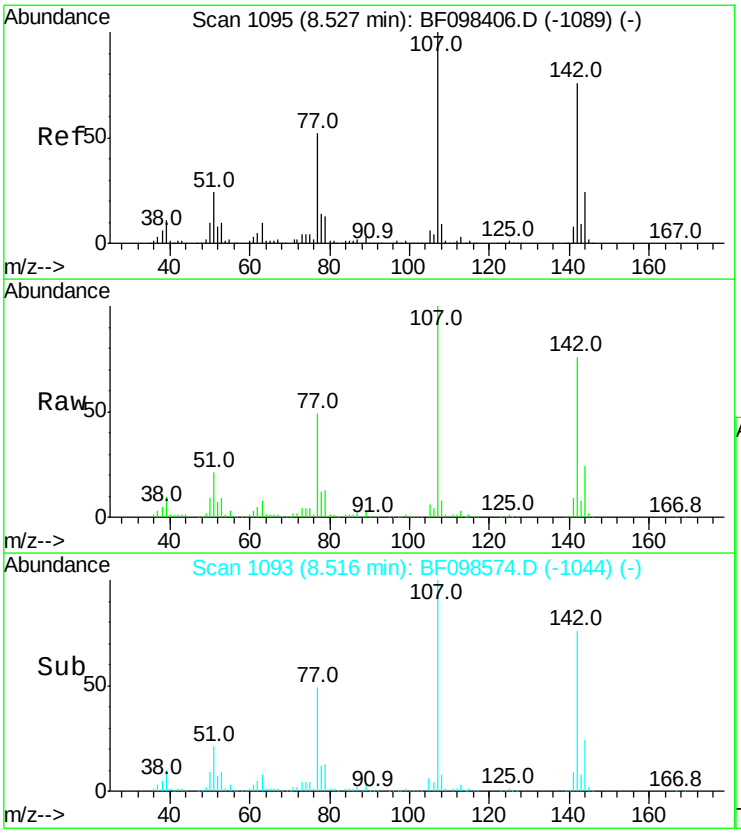

#35
Caprolactam
Concen: 21.652 ng
RT: 8.40 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:113 Resp: 56687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 193.8 | 150.2 | 190.2# |
| 56 | 144.8 | 107.8 | 147.8 |

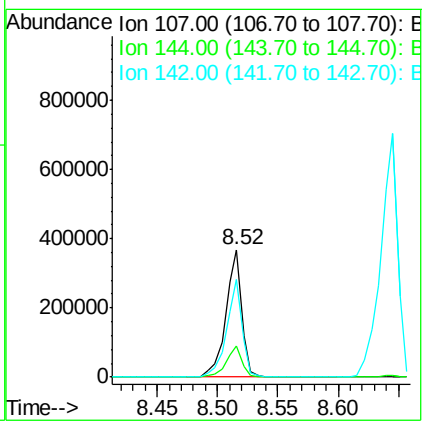


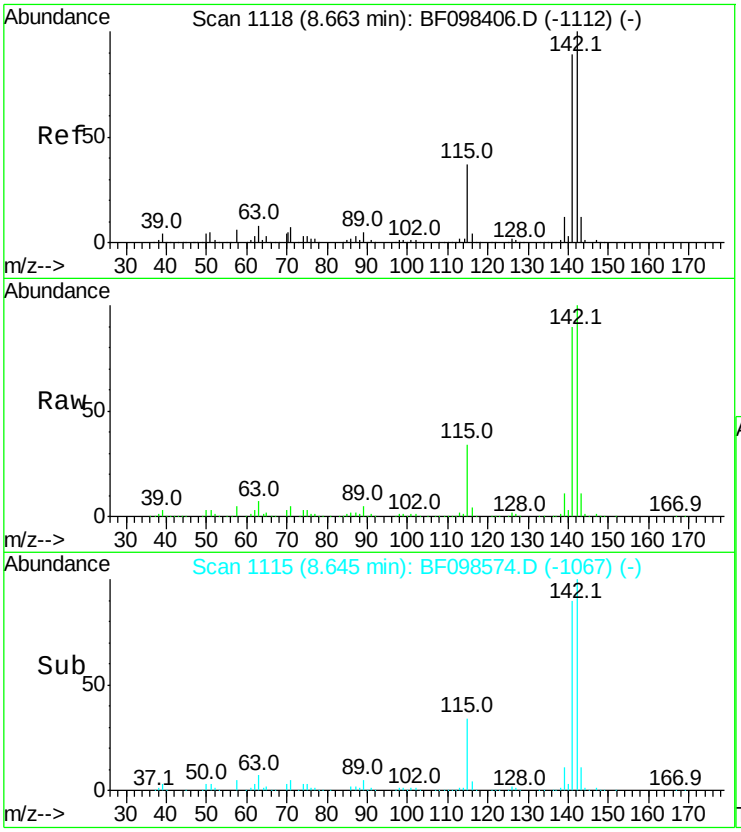




#36
4-Chloro-3-methylphenol
Concen: 35.901 ng
RT: 8.52 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:107 Resp: 338038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.4 | 24.2 | 36.4 |
| 142 | 76.4 | 73.4 | 110.0 |



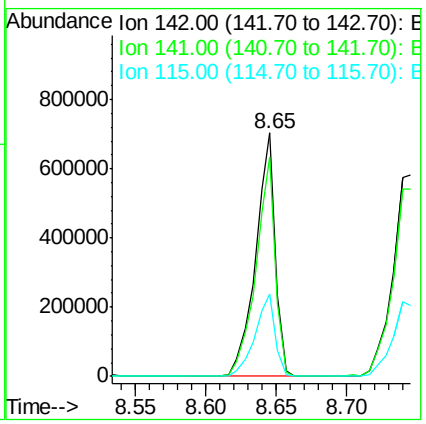


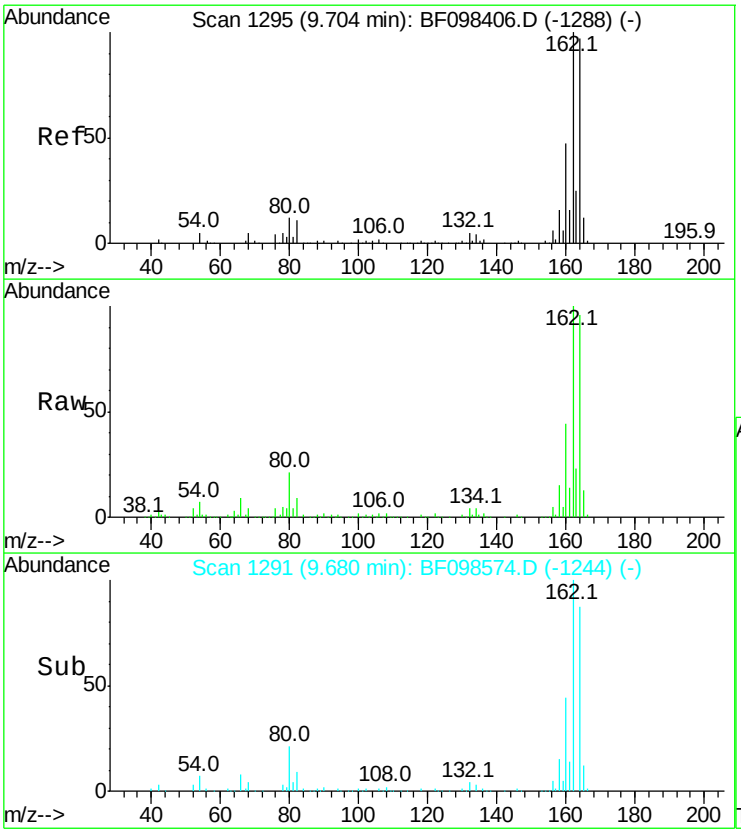

#37
2-Methylnaphthalene
Concen: 39.800 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:142 Resp: 691838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.9 | 71.3 | 106.9 |
| 115 | 33.6 | 27.1 | 40.7 |

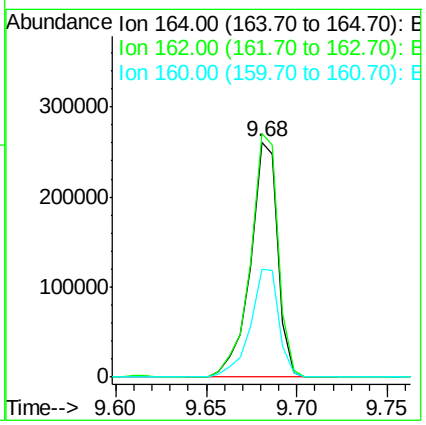


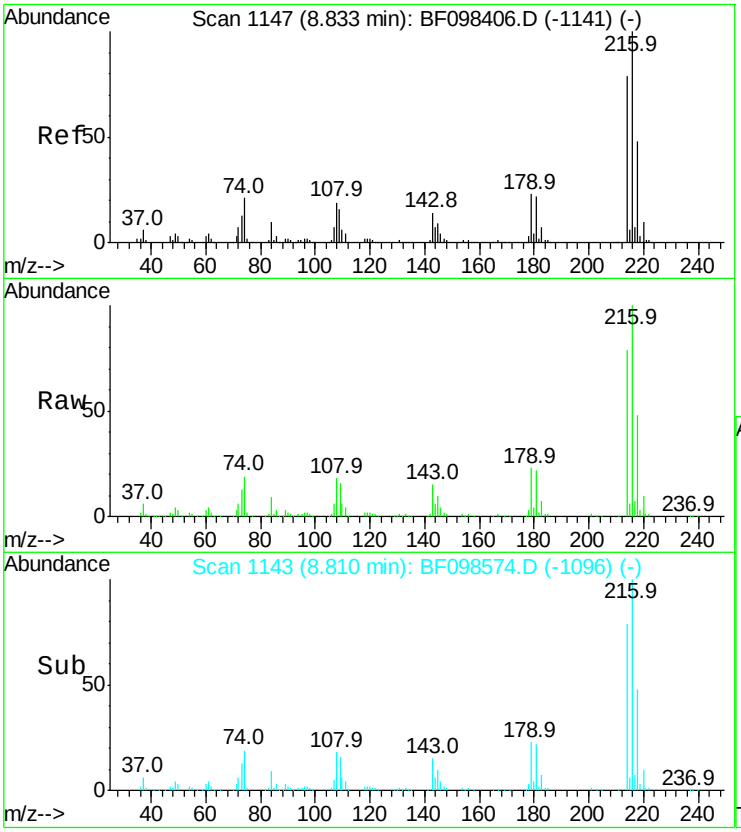




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:164 Resp: 272385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.8 | 82.6 | 123.8 |
| 160 | 46.0 | 36.2 | 54.2 |



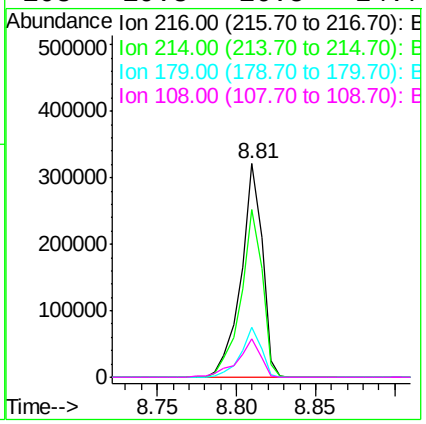


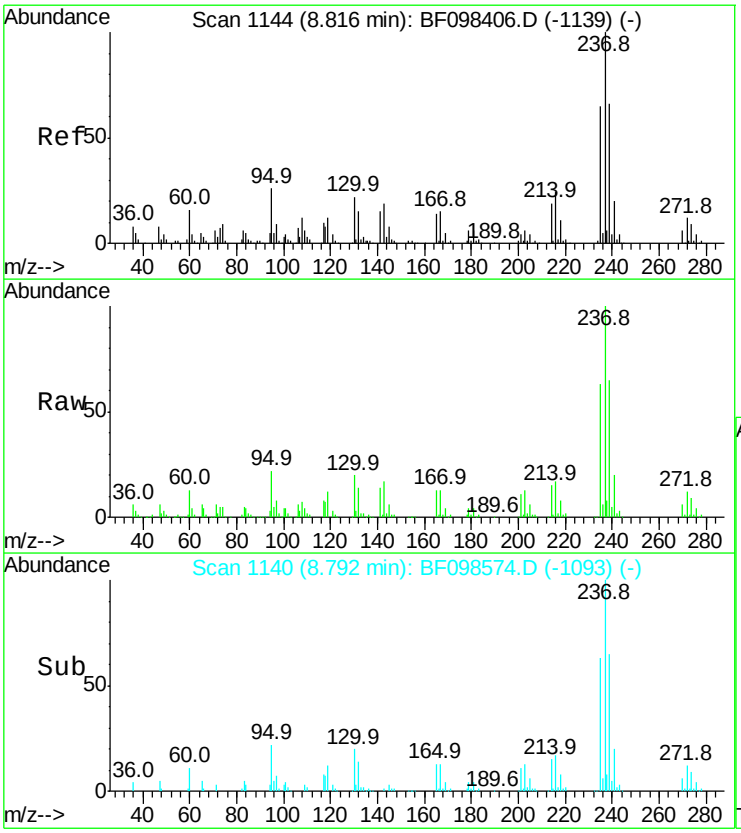

#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.175 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:216 Resp: 298454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.6 | 63.4 | 95.2 |
| 179 | 22.6 | 17.9 | 26.9 |
| 108 | 19.8 | 16.5 | 24.7 |

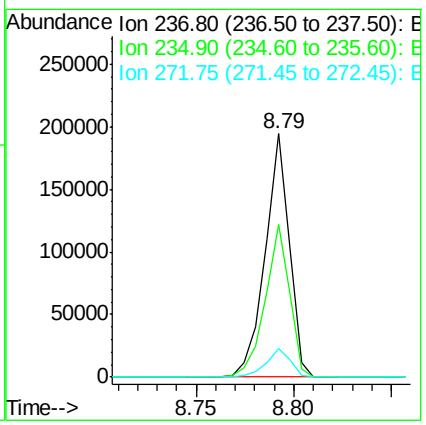


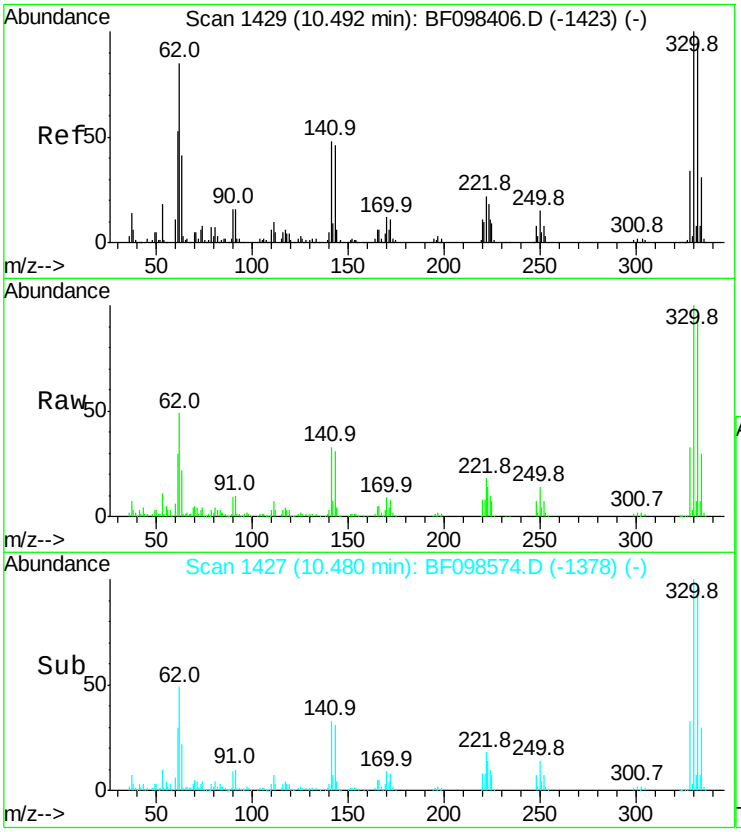




#40
Hexachlorocyclopentadiene
Concen: 68.685 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:237 Resp: 166723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.0 | 42.6 | 82.6 |
| 272 | 11.8 | 0.0 | 31.9 |



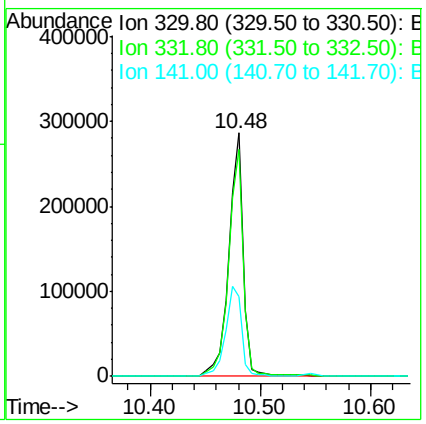


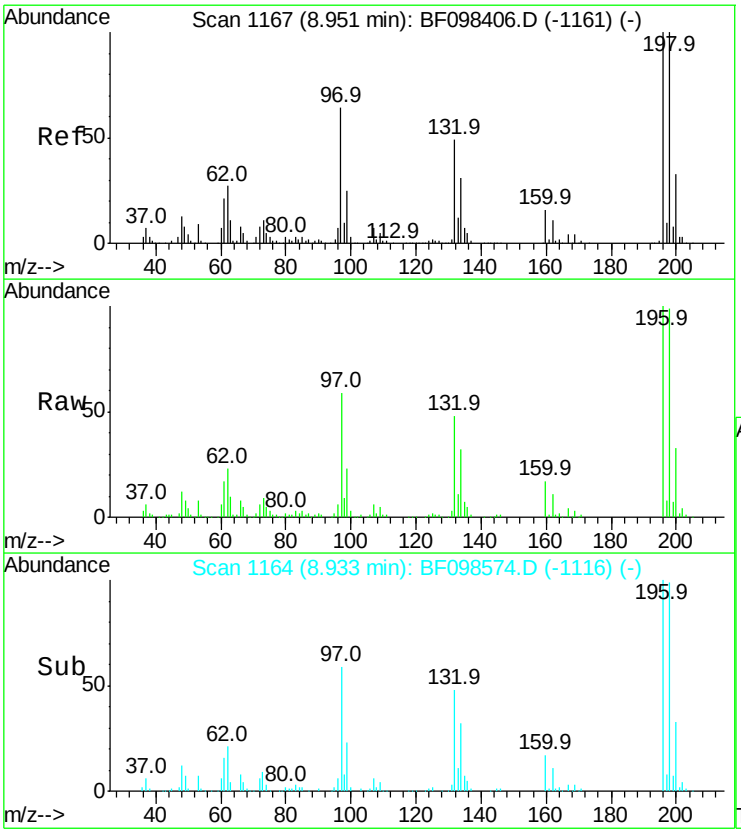

#41
2,4,6-Tribromophenol
Concen: 145.787 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:330 Resp: 265033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.9 | 76.6 | 115.0 |
| 141 | 40.8 | 31.4 | 47.2 |

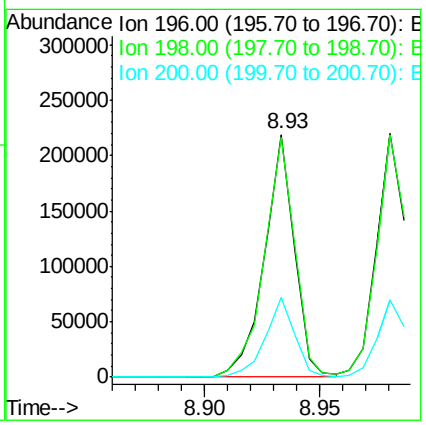


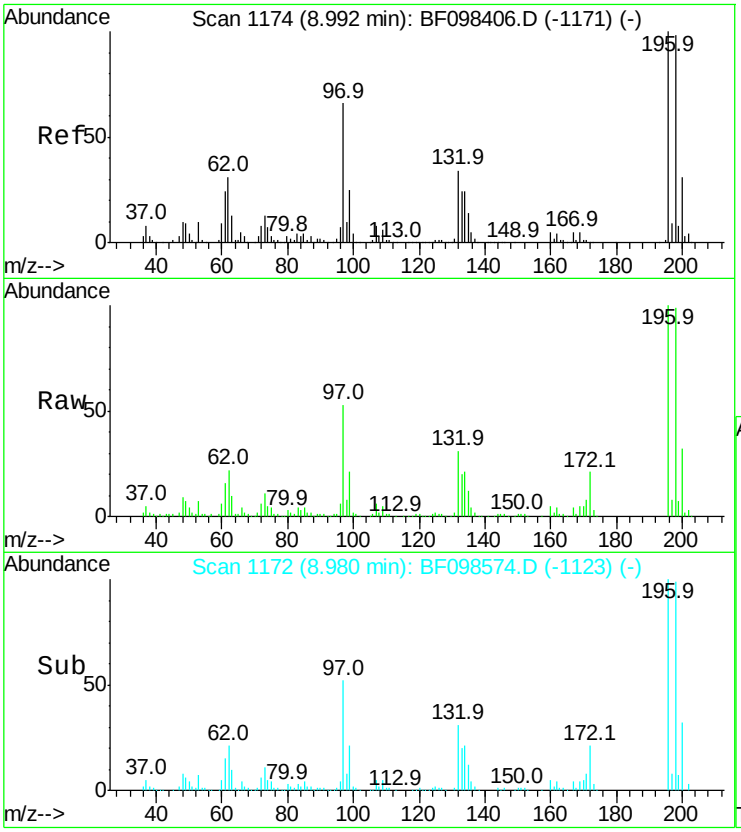




#42
2,4,6-Trichlorophenol
Concen: 39.881 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:196 Resp: 198753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 98.7 | 74.2 | 111.4 |
| 200 | 32.7 | 24.0 | 36.0 |



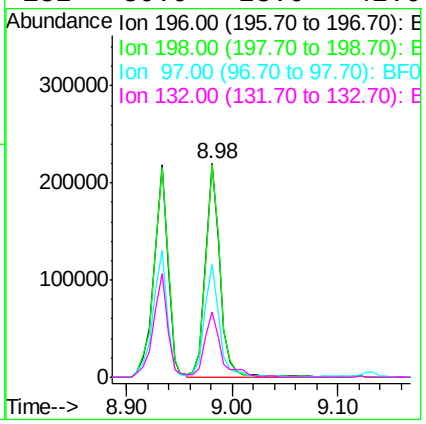


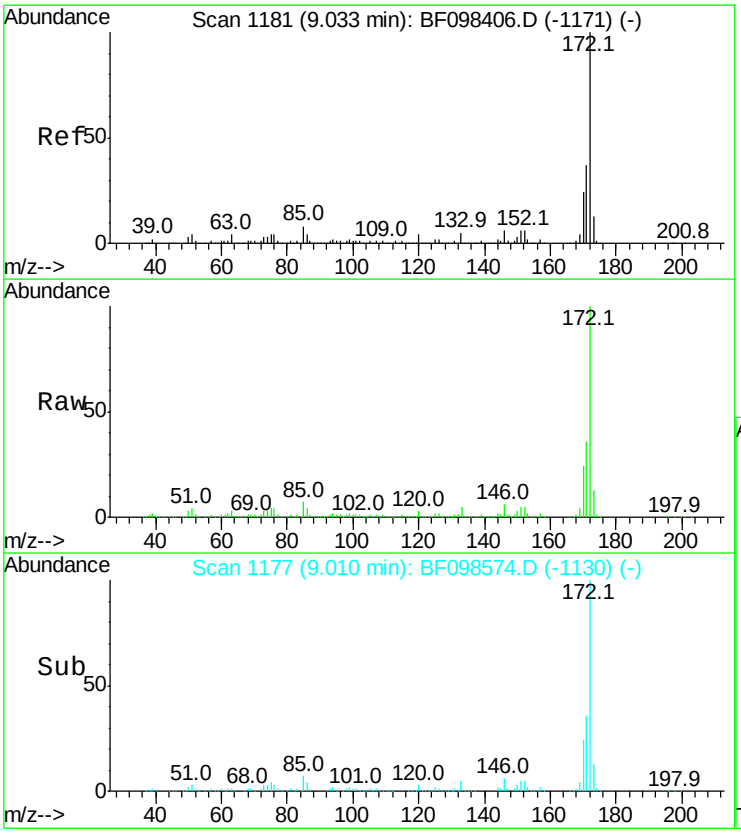

#43
2,4,5-Trichlorophenol
Concen: 40.547 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:196 Resp: 211210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 99.5 | 75.7 | 113.5 |
| 97 | 52.6 | 47.7 | 71.5 |
| 132 | 30.9 | 28.0 | 42.0 |

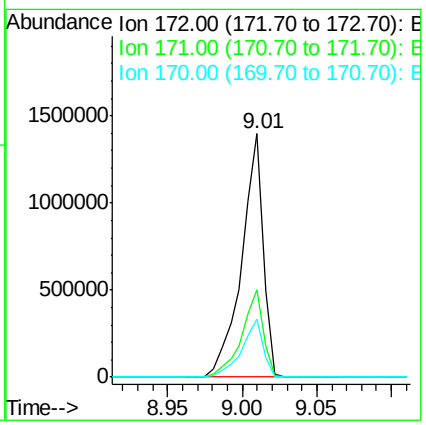


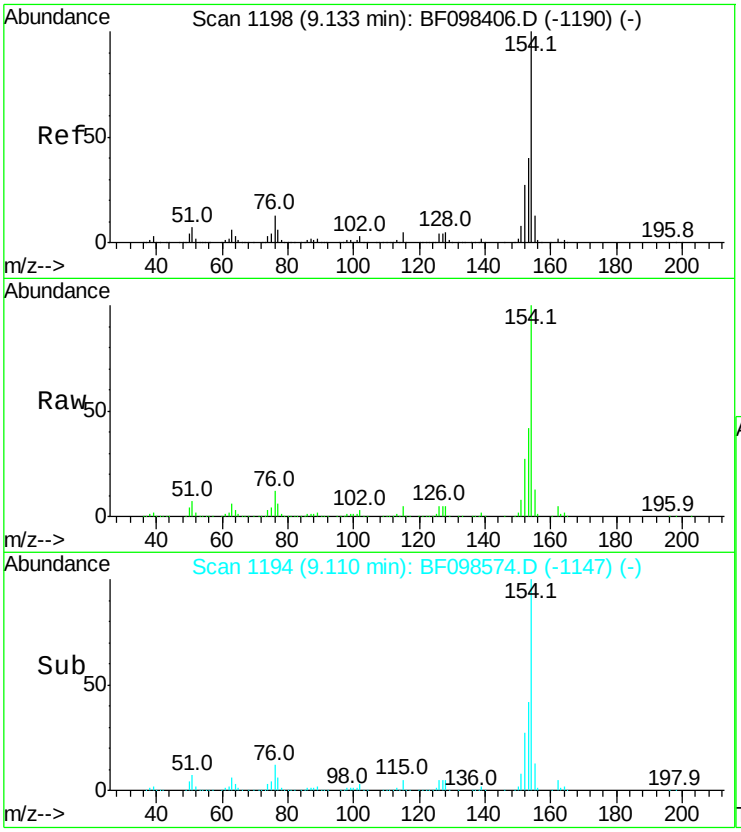




#44
2-Fluorobiphenyl
Concen: 87.056 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:172 Resp: 1399049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.1 | 29.6 | 44.4 |
| 170 | 24.0 | 19.8 | 29.8 |



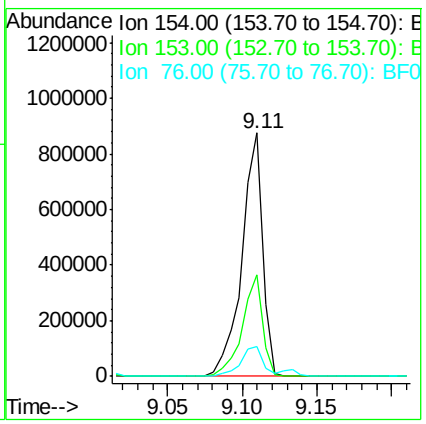


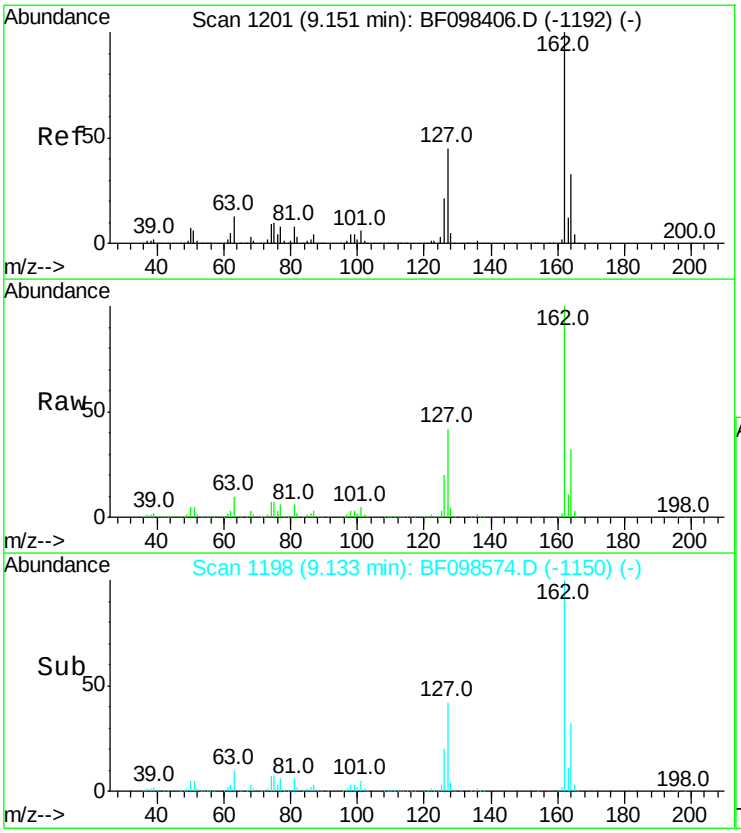

#45
1,1'-Biphenyl
Concen: 34.526 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:154 Resp: 841735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.5 | 21.2 | 61.2 |
| 76 | 12.5 | 0.0 | 29.9 |

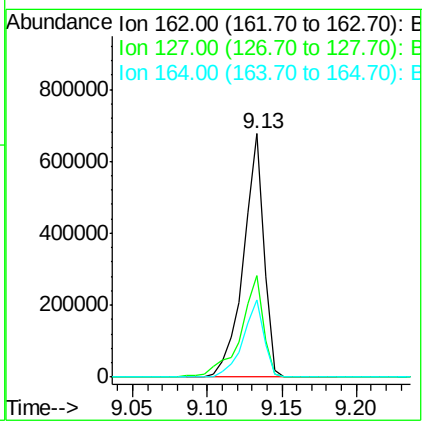


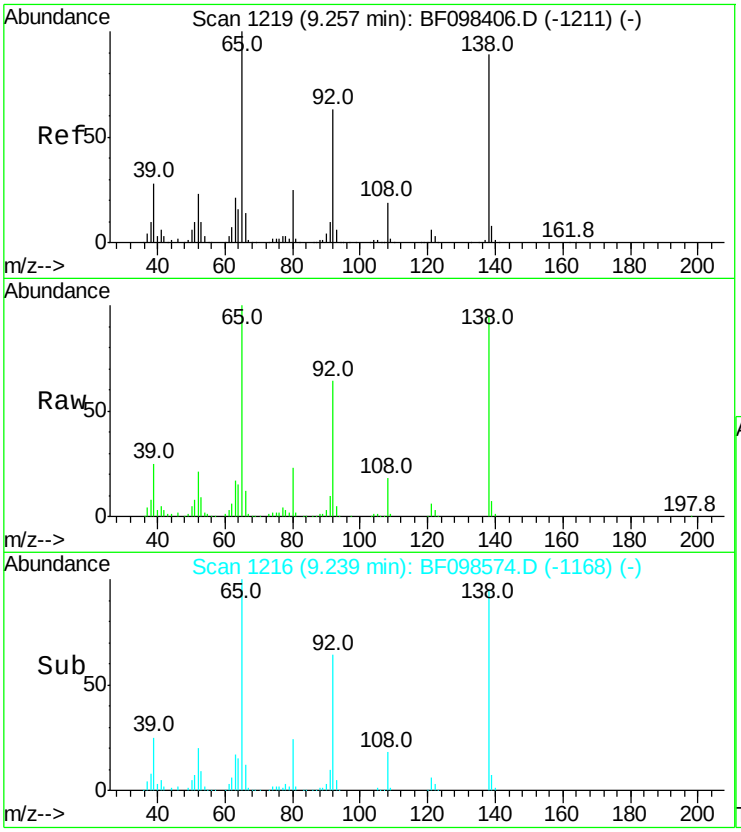




#46
2-Chloronaphthalene
Concen: 36.701 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:162 Resp: 639021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 41.7 | 28.3 | 42.5 |
| 164 | 31.8 | 27.0 | 40.4 |



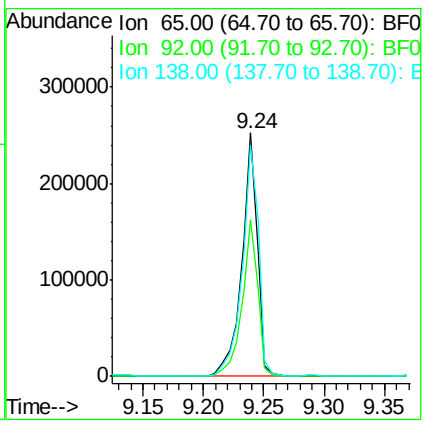


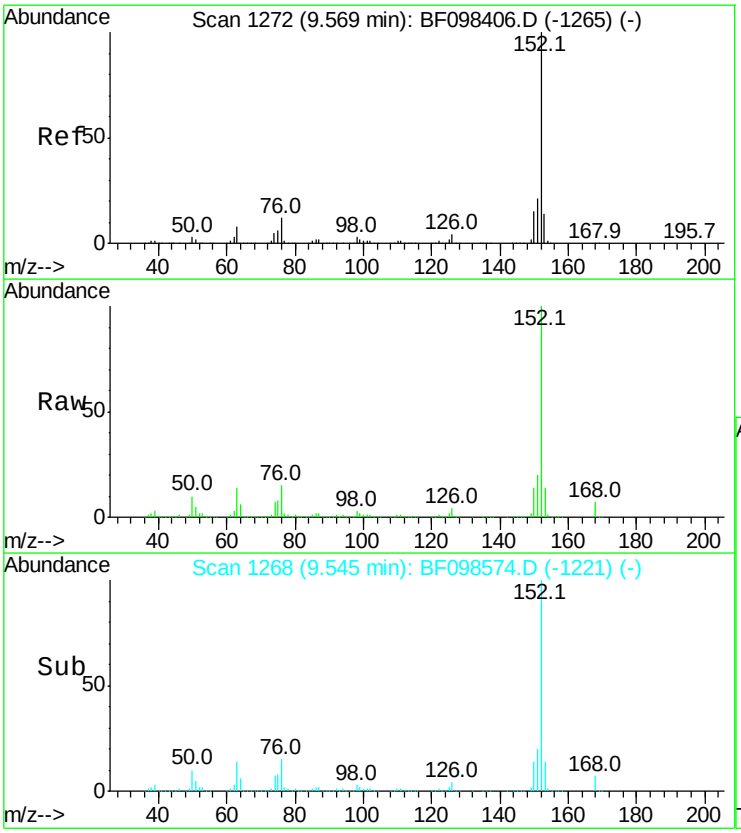

#47
2-Nitroaniline
Concen: 33.907 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion: 65 Resp: 226596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 64.4 | 53.9 | 80.9 |
| 138 | 94.8 | 78.8 | 118.2 |

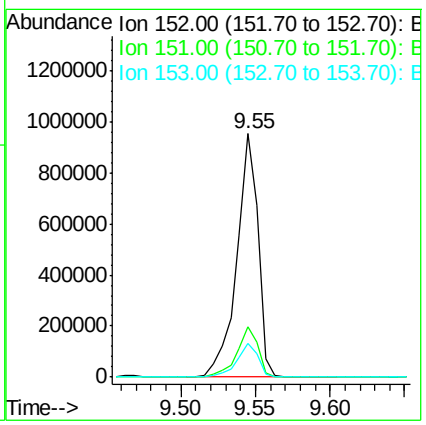


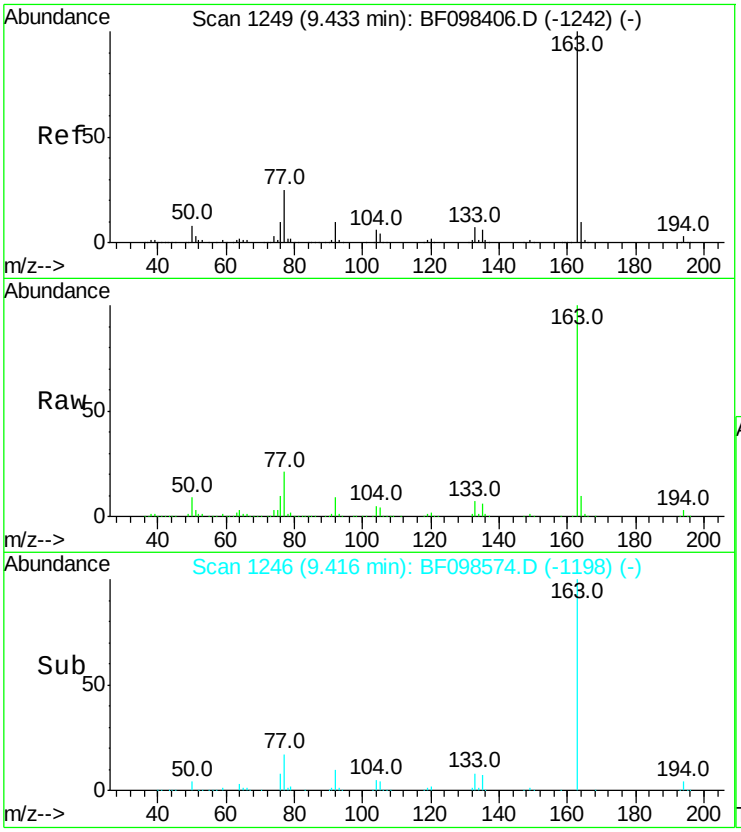




#48
Acenaphthylene
Concen: 36.364 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:152 Resp: 941423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.5 | 16.8 | 25.2 |
| 153 | 14.0 | 10.8 | 16.2 |



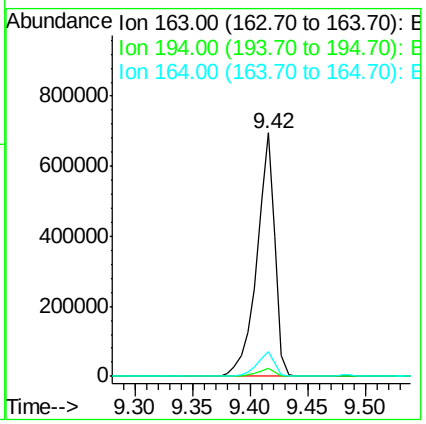


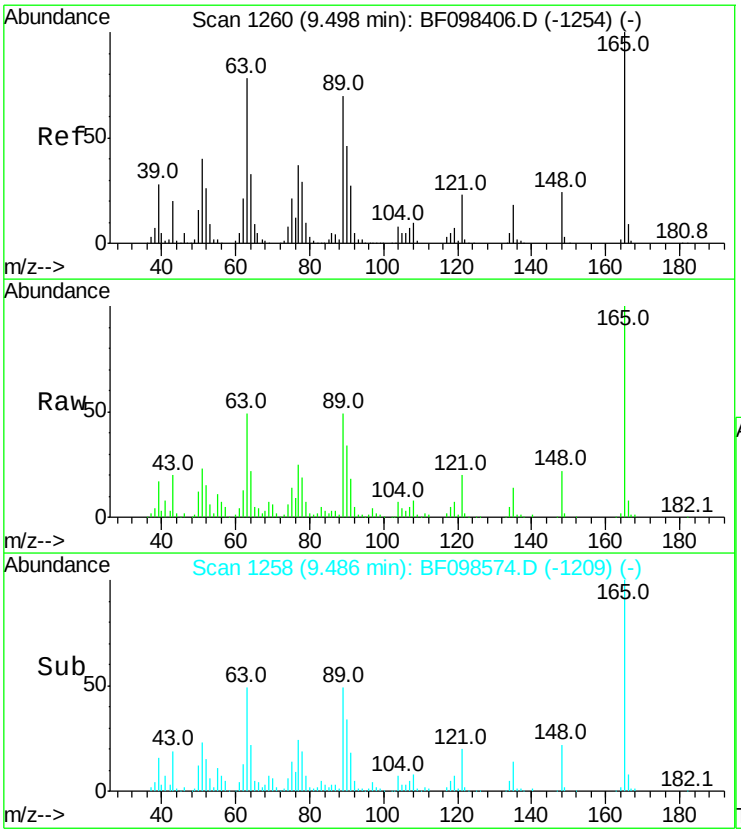

#49
Dimethylphthalate
Concen: 35.962 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:163 Resp: 758259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.2 | 2.6 | 4.0 |
| 164 | 10.3 | 8.4 | 12.6 |

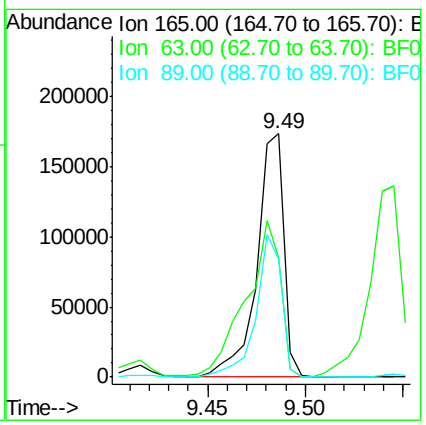


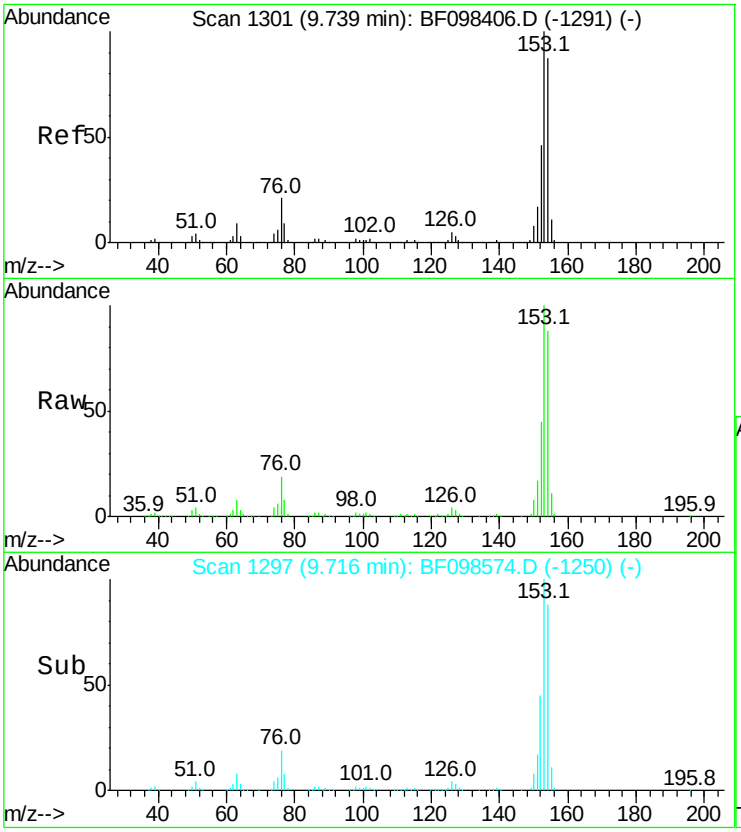




#50
2,6-Dinitrotoluene
Concen: 38.365 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:165 Resp: 166163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 49.0 | 34.3 | 51.5 |
| 89 | 48.7 | 37.1 | 55.7 |



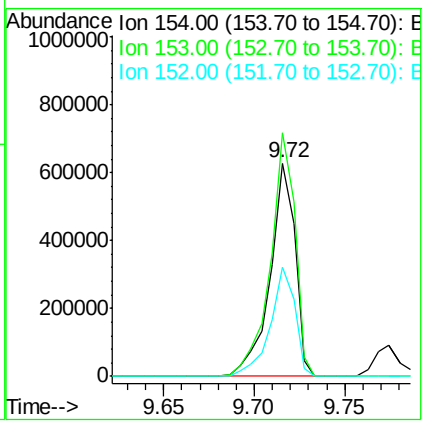


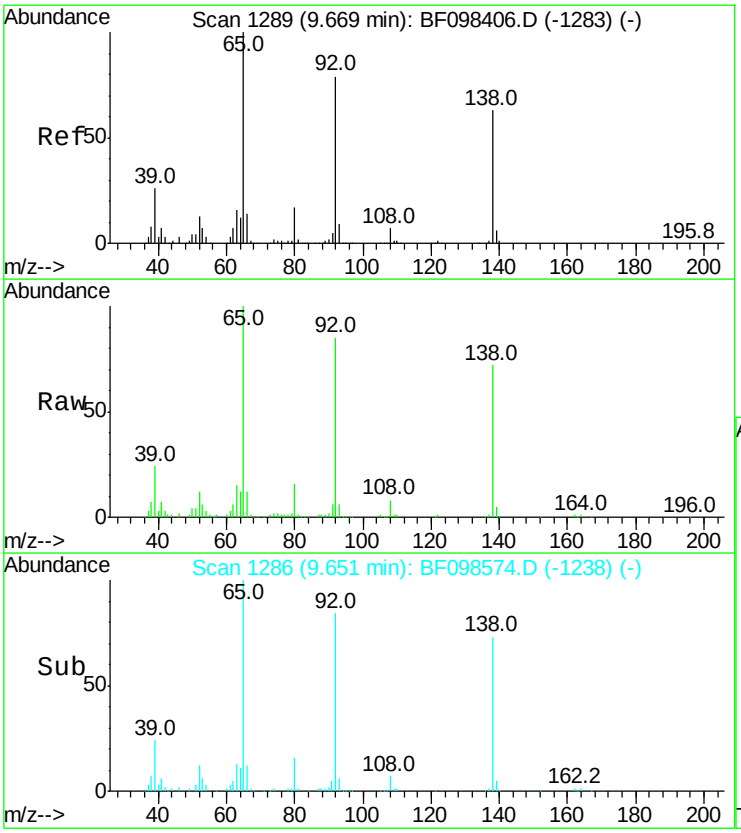

#51
Acenaphthene
Concen: 36.432 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:154 Resp: 599535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.2 | 90.5 | 135.7 |
| 152 | 51.4 | 43.6 | 65.4 |

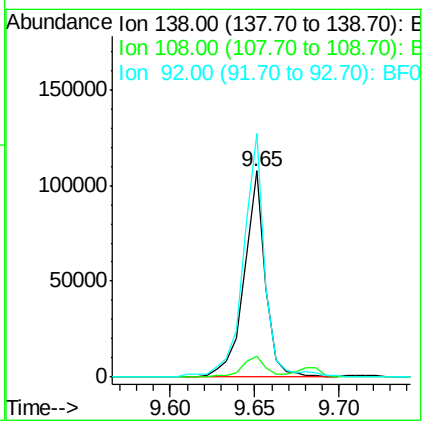


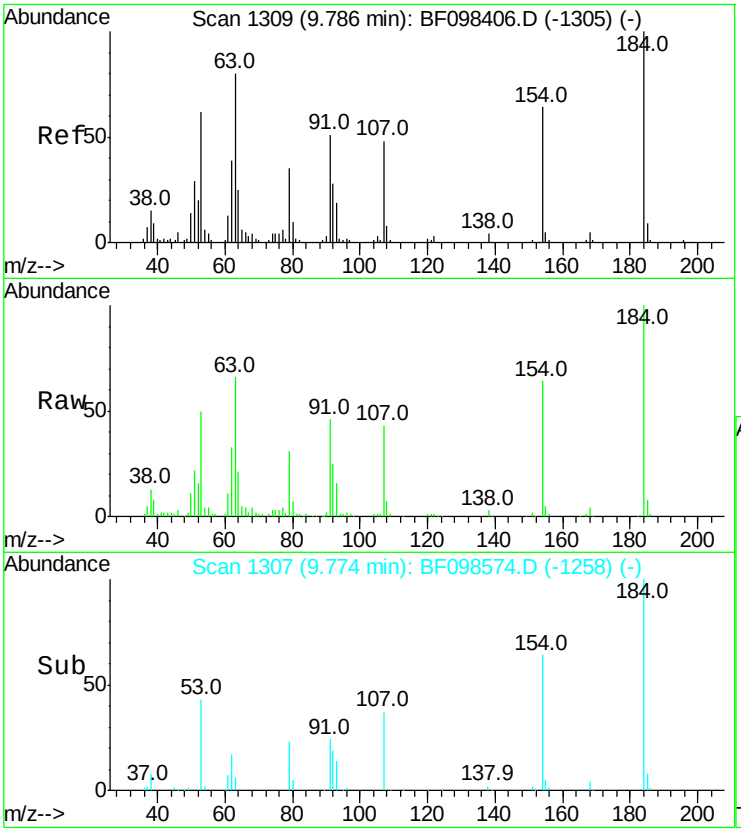




#52
3-Nitroaniline
Concen: 18.044 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:138 Resp: 94335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.4 | 9.1 | 13.7 |
| 92 | 118.0 | 93.8 | 140.6 |



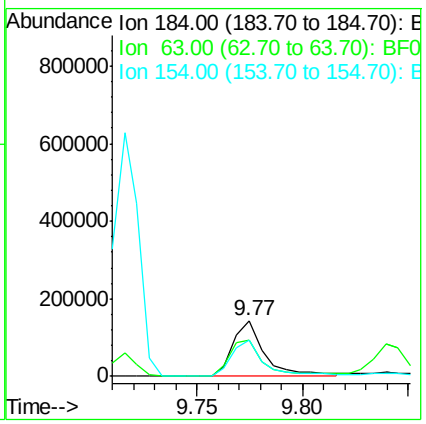


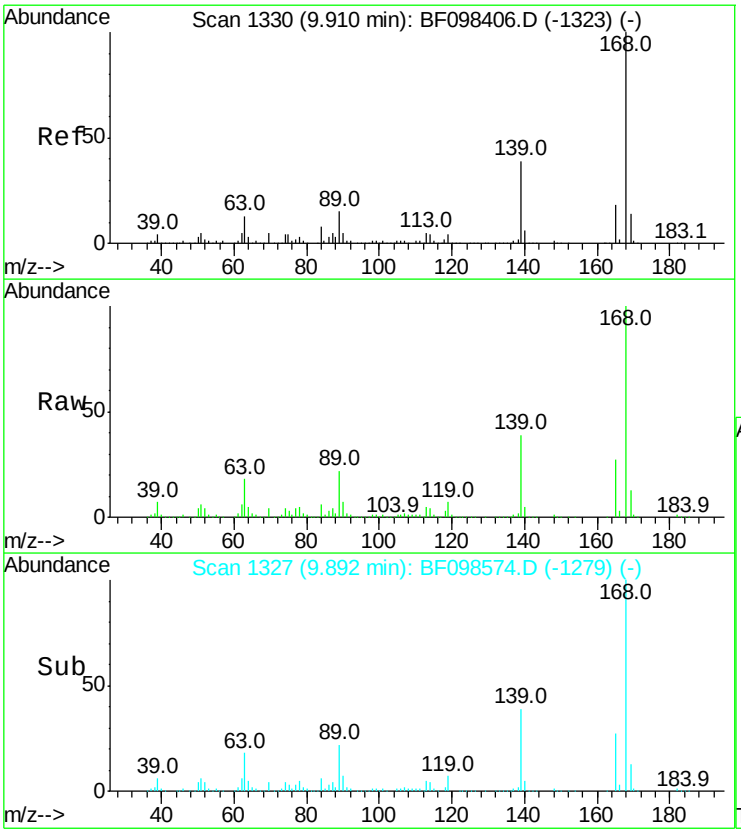

#53
2,4-Dinitrophenol
Concen: 73.714 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:184 Resp: 149380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 65.9 | 62.7 | 94.1 |
| 154 | 64.2 | 81.1 | 121.7# |

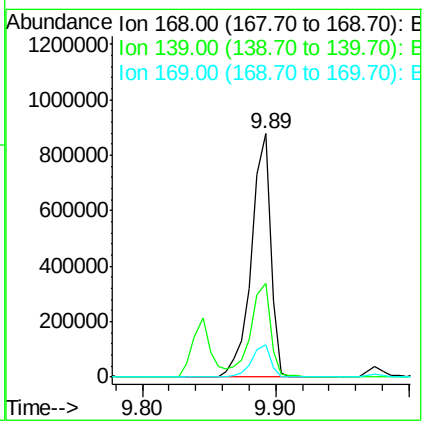


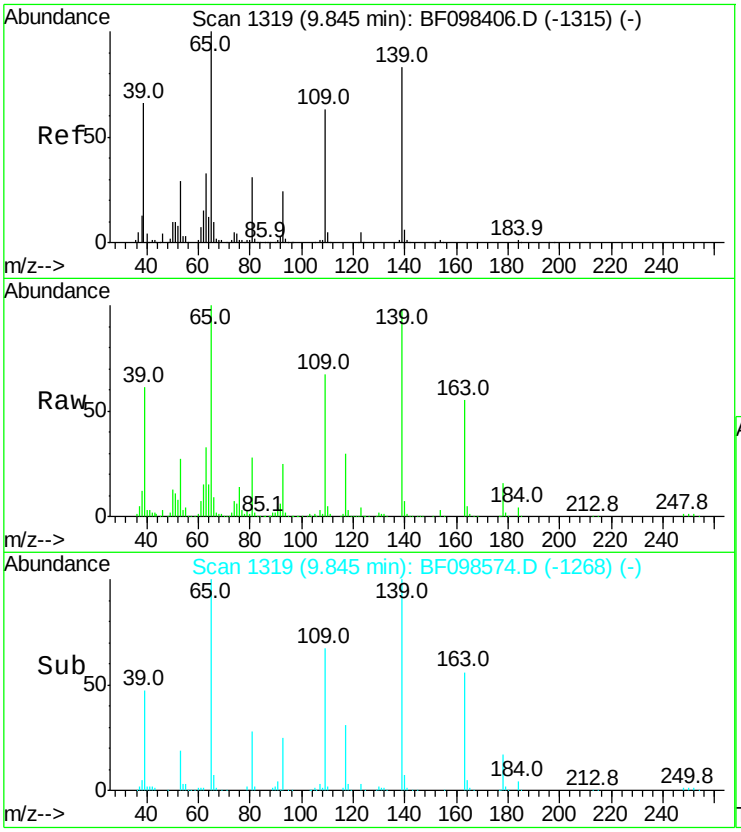




#54
Dibenzofuran
Concen: 39.721 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:168 Resp: 861139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 38.6 | 30.6 | 45.8 |
| 169 | 13.4 | 10.8 | 16.2 |



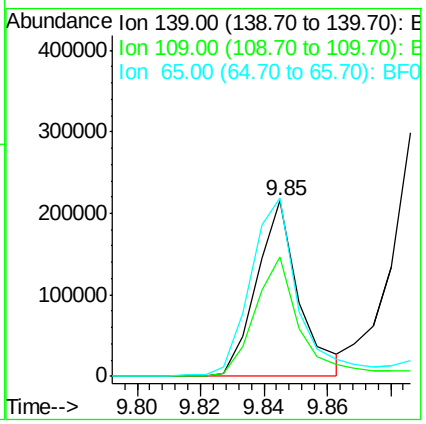


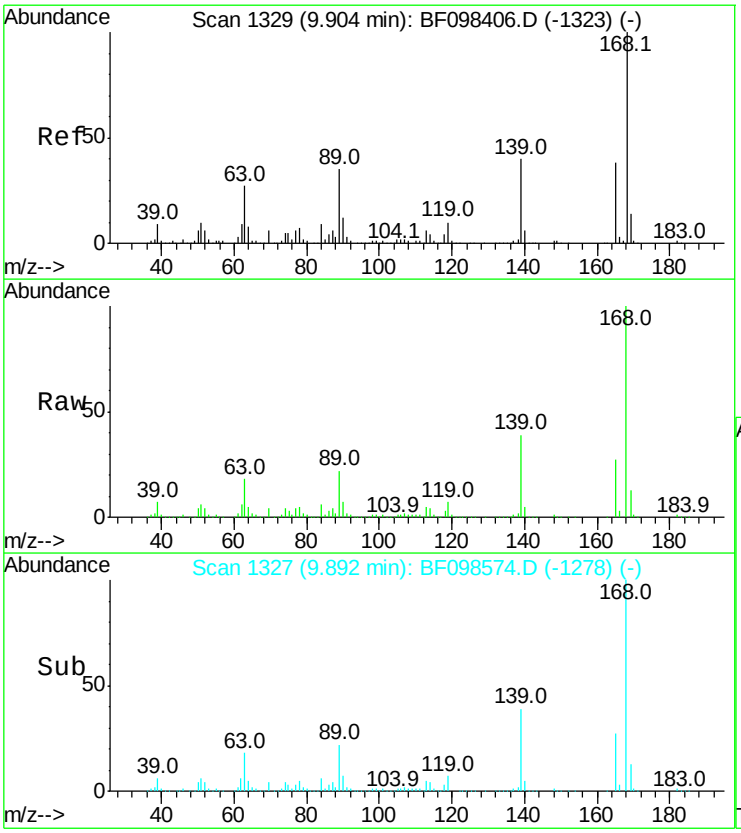

#55
4-Nitrophenol
Concen: 66.589 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:139 Resp: 200016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 68.2 | 34.1 | 74.1 |
| 65 | 101.8 | 31.4 | 71.4# |

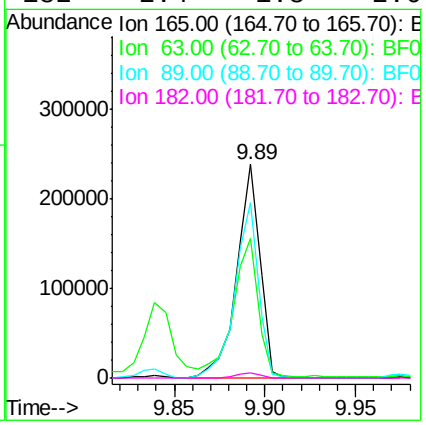


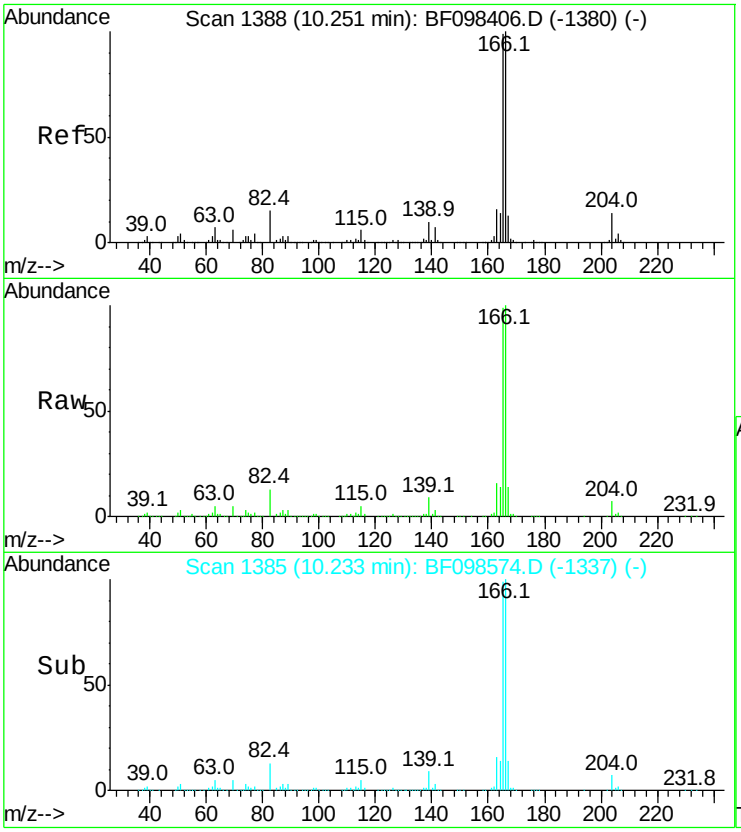




#56
2,4-Dinitrotoluene
Concen: 40.587 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:165 Resp: 213711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 65.4 | 25.4 | 38.0# |
| 89 | 82.3 | 46.4 | 69.6# |
| 182 | 2.4 | 1.8 | 2.6 |



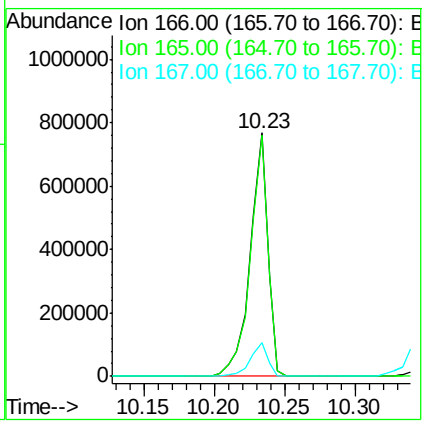


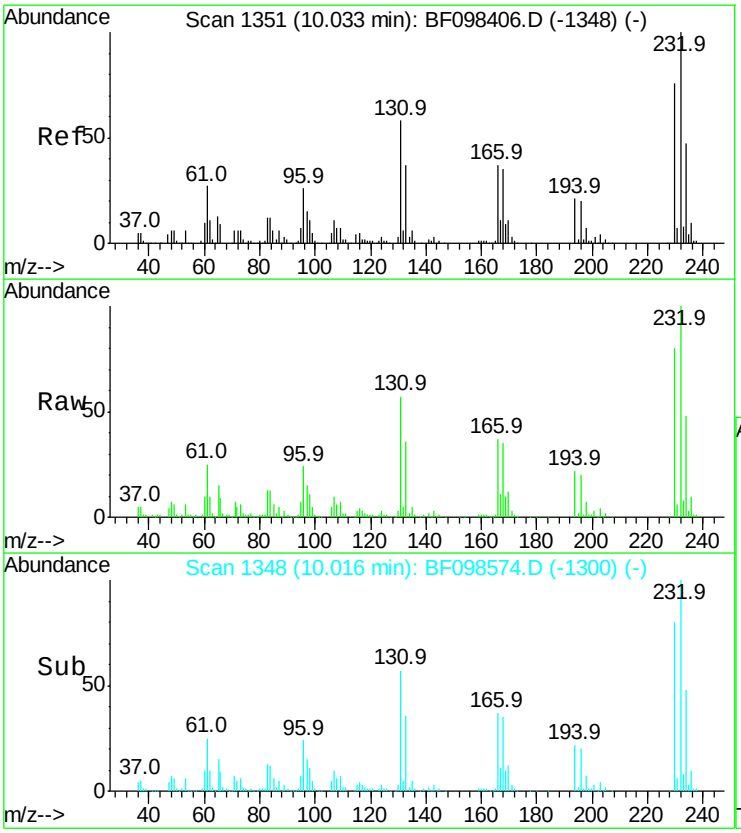

#57
Fluorene
Concen: 37.829 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:166 Resp: 678824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.1 | 78.8 | 118.2 |
| 167 | 13.6 | 10.6 | 16.0 |

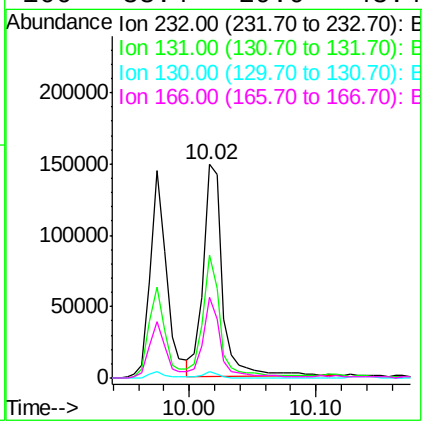


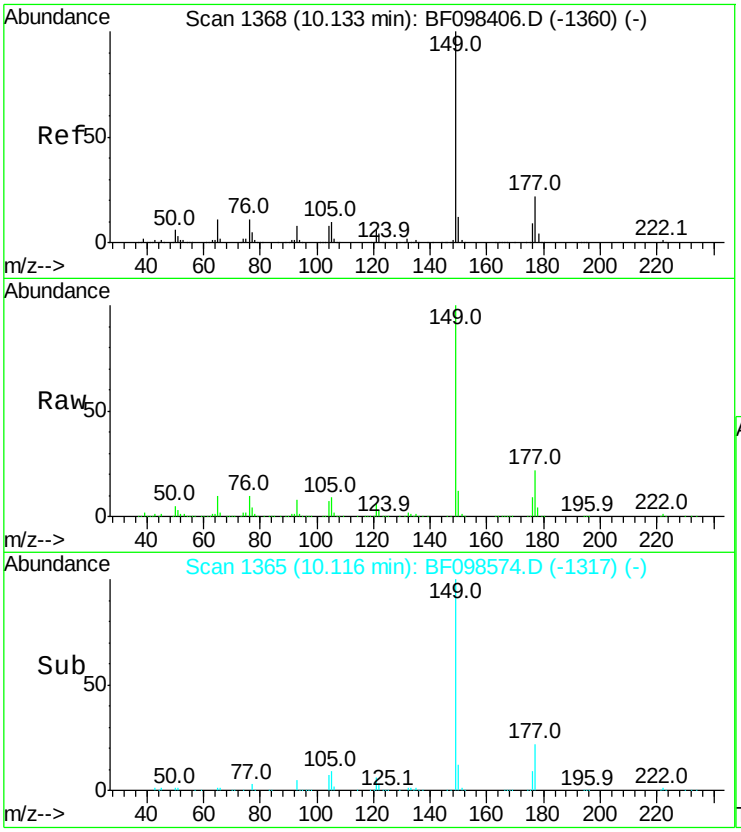




#58
2,3,4,6-Tetrachlorophenol
Concen: 46.148 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:232 Resp: 161552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 49.0 | 44.8 | 67.2 |
| 130 | 2.6 | 2.3 | 3.5 |
| 166 | 33.4 | 29.0 | 43.4 |



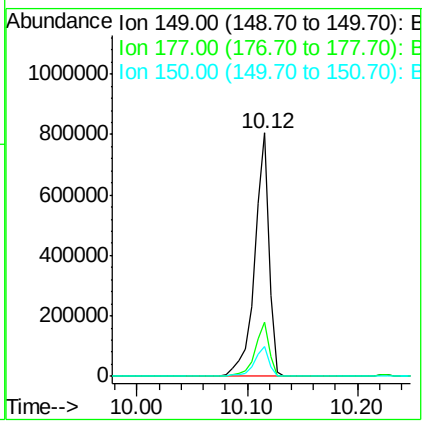


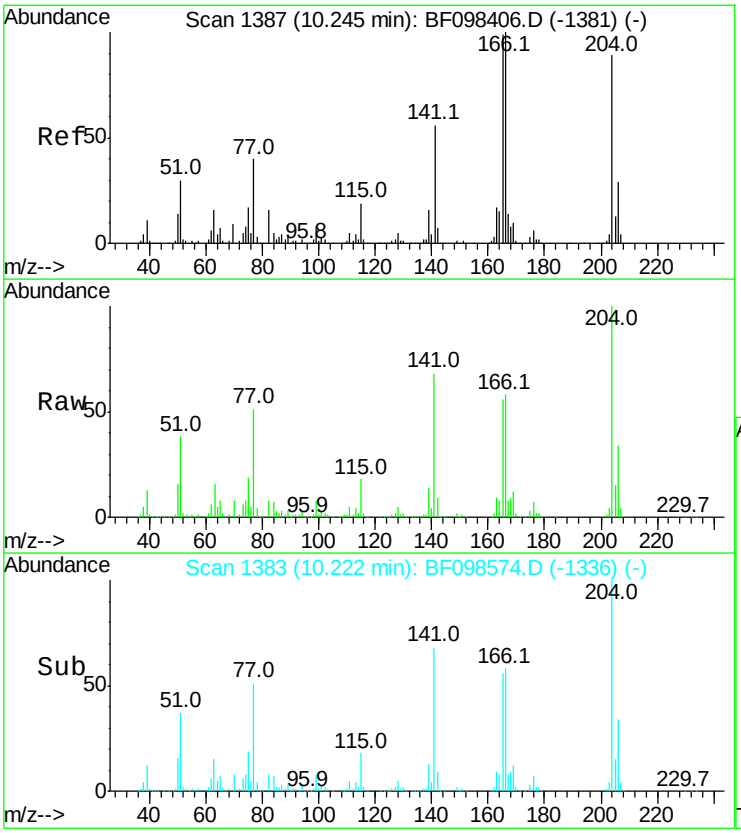

#59
Diethylphthalate
Concen: 36.466 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:149 Resp: 731228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.1 | 16.7 | 25.1 |
| 150 | 12.5 | 10.2 | 15.2 |

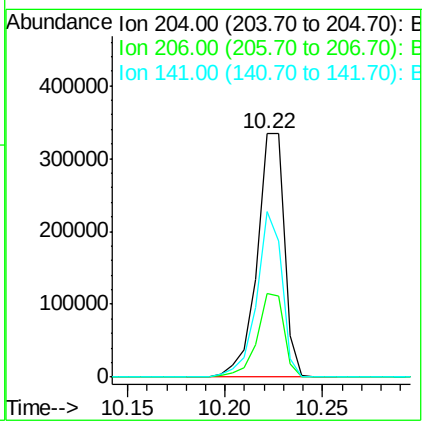


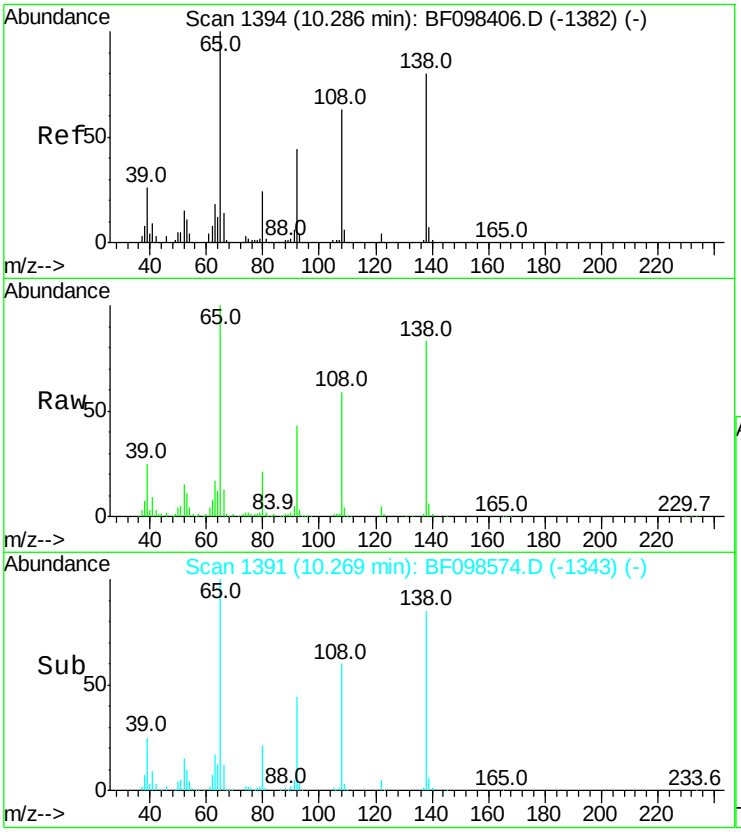




#60
4-Chlorophenyl-phenylether
Concen: 39.170 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:204 Resp: 324653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 34.2 | 26.2 | 39.2 |
| 141 | 67.9 | 60.8 | 91.2 |



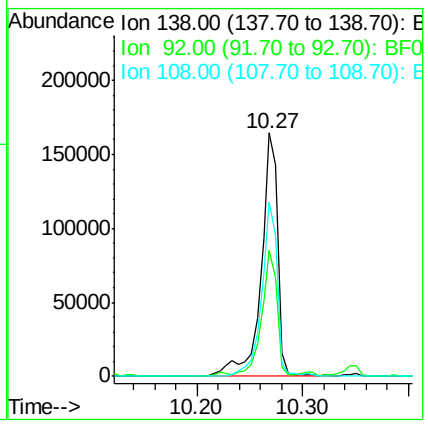


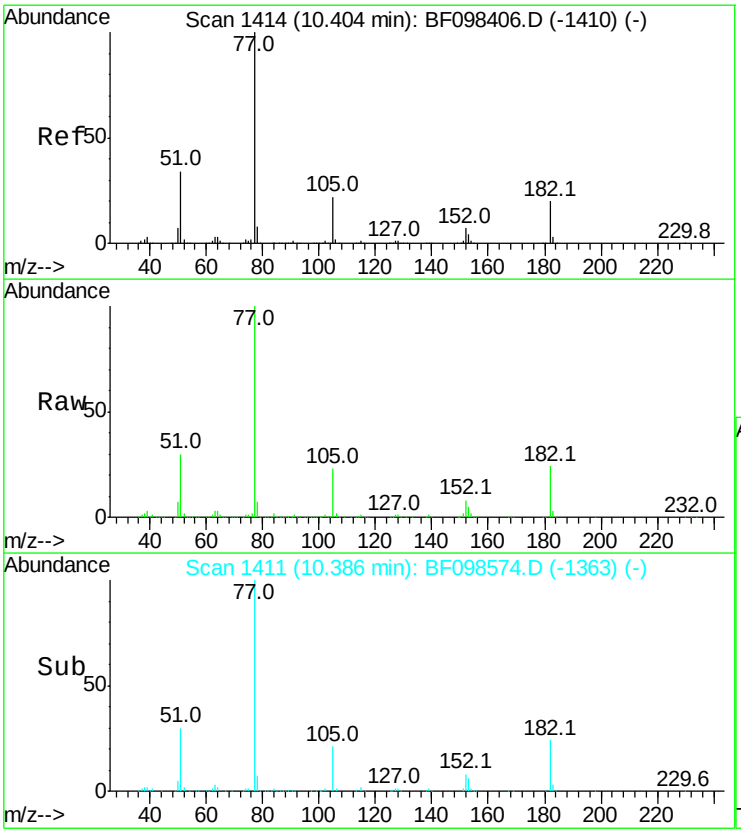

#61
4-Nitroaniline
Concen: 34.918 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:138 Resp: 184366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 51.8 | 21.8 | 61.8 |
| 108 | 71.5 | 42.3 | 82.3 |

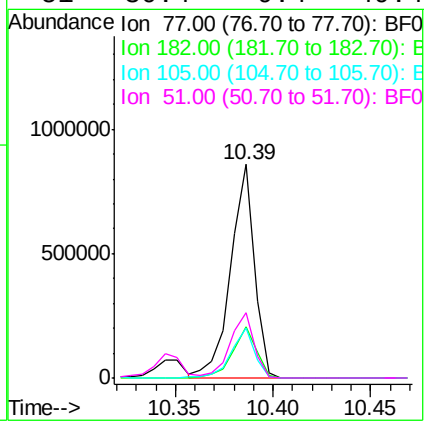


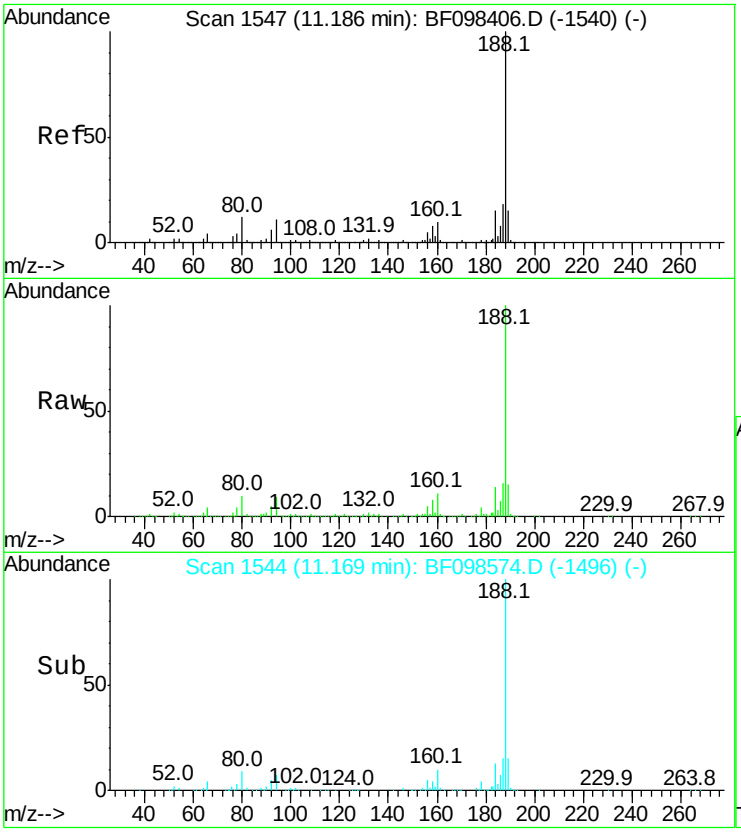




#62
Azobenzene
Concen: 33.671 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion: 77 Resp: 727693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 23.9 | 0.1 | 40.1 |
| 105 | 23.4 | 3.6 | 43.6 |
| 51 | 30.4 | 9.4 | 49.4 |



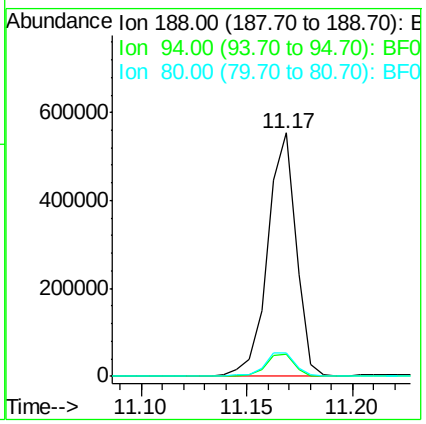


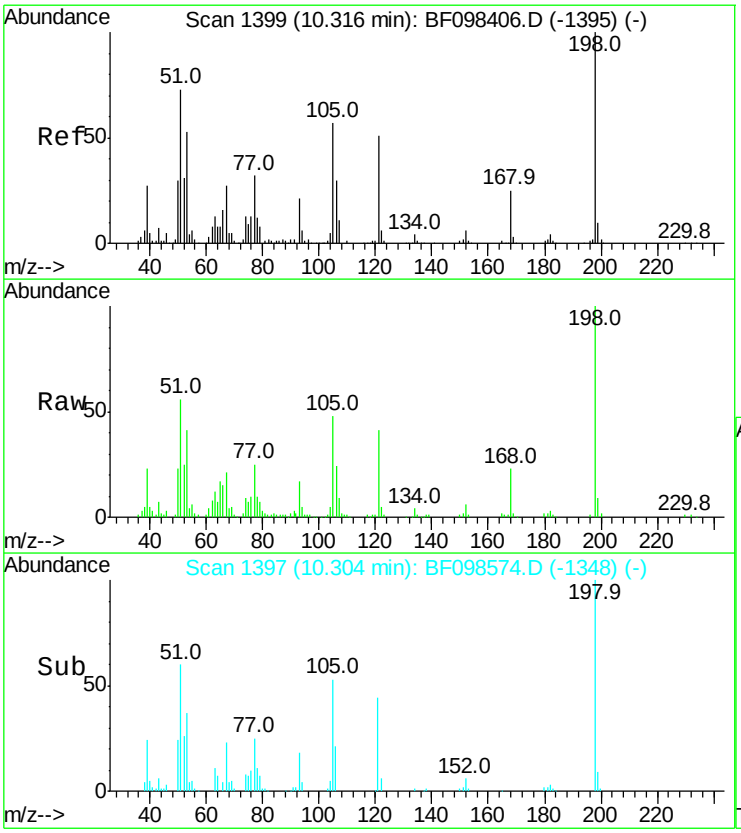

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:188 Resp: 519092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.2 | 9.4 | 14.2# |
| 80 | 9.8 | 10.2 | 15.2# |

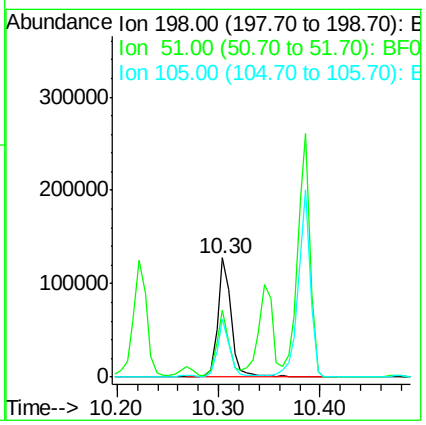


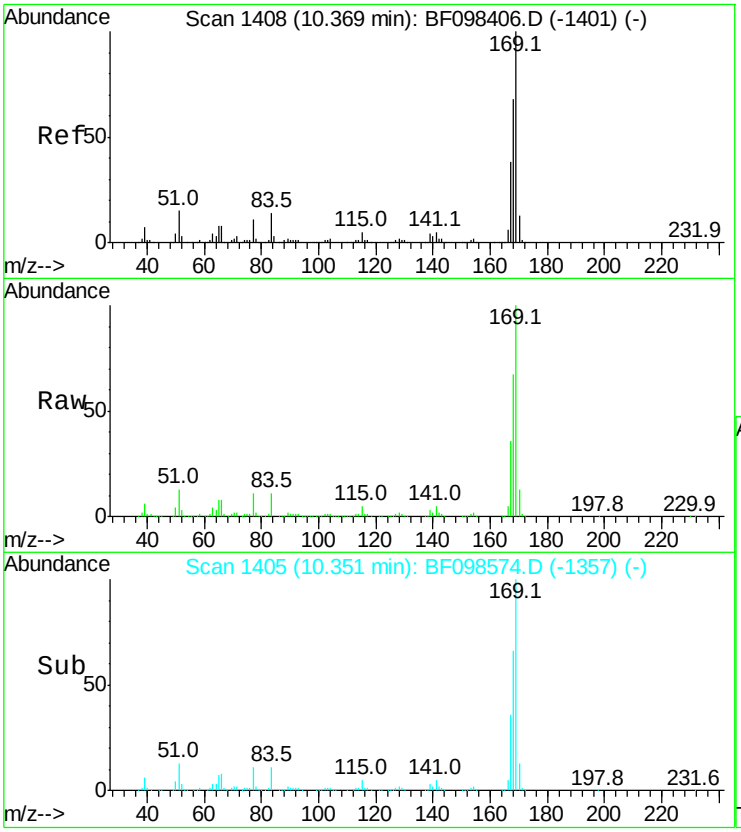




#64
4,6-Dinitro-2-methylphenol
Concen: 38.075 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:198 Resp: 117581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 55.9 | 53.2 | 93.2 |
| 105 | 48.3 | 45.8 | 85.8 |



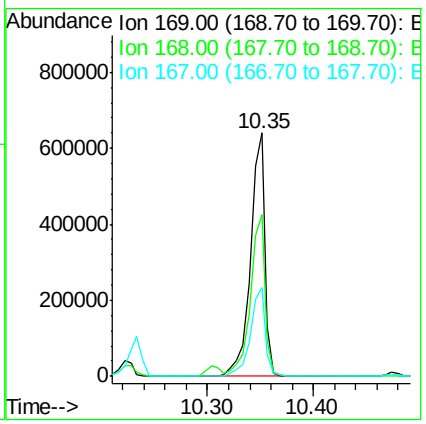


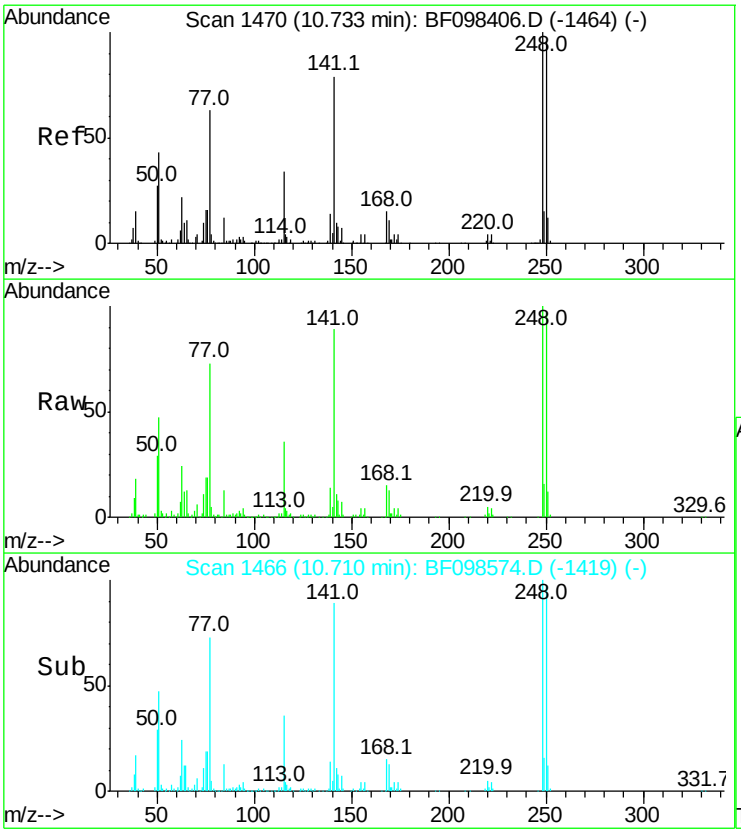

#65
n-Nitrosodiphenylamine
Concen: 36.387 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:169 Resp: 613314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.5 | 53.2 | 79.8 |
| 167 | 36.3 | 29.5 | 44.3 |

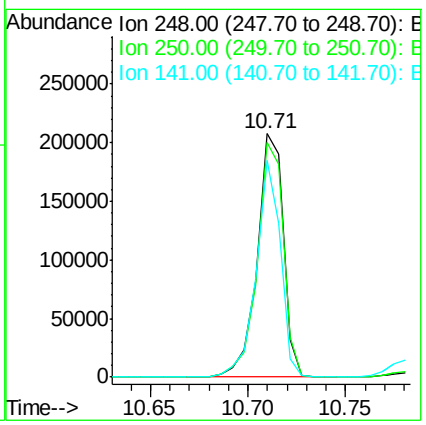


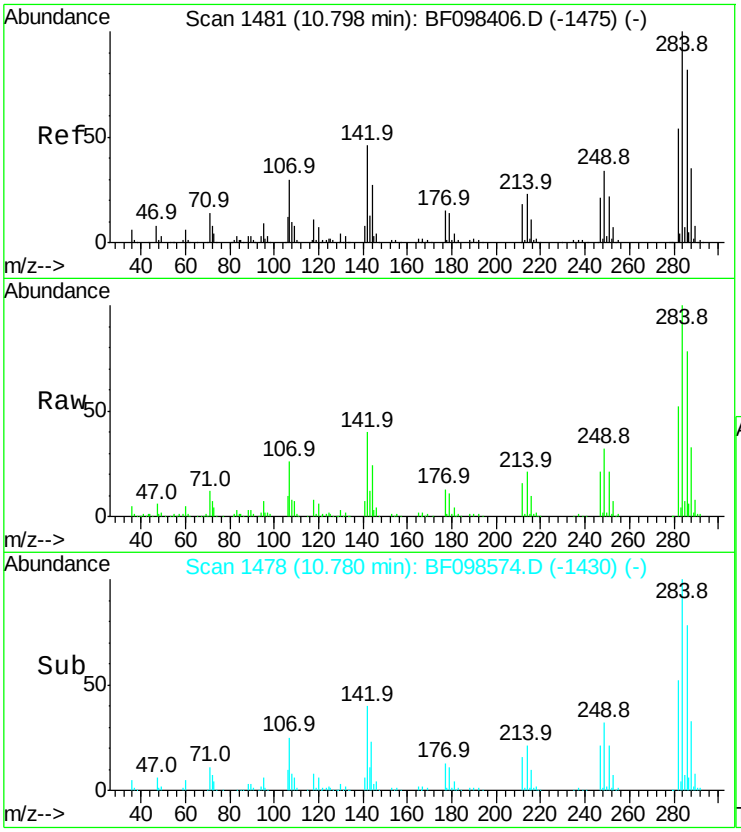




#66
4-Bromophenyl-phenylether
Concen: 39.187 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:248 Resp: 193063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.6 | 76.8 | 115.2 |
| 141 | 88.9 | 68.6 | 103.0 |



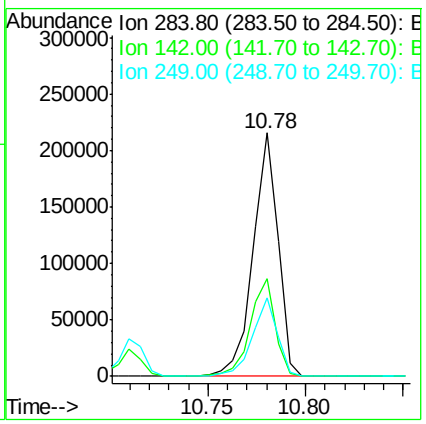


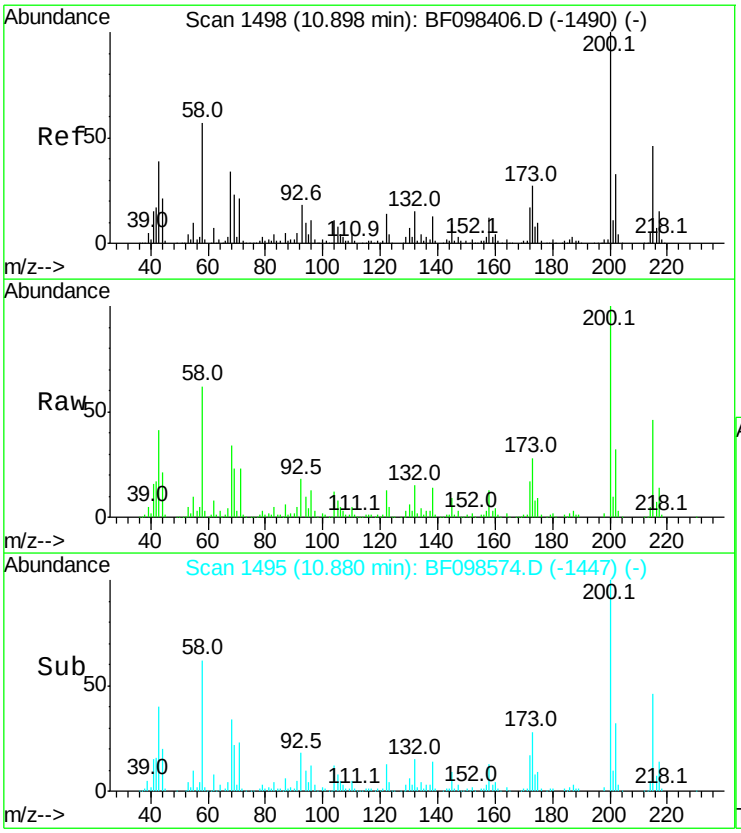

#67
Hexachlorobenzene
Concen: 38.118 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:284 Resp: 190484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 40.2 | 22.8 | 34.2# |
| 249 | 32.4 | 24.0 | 36.0 |

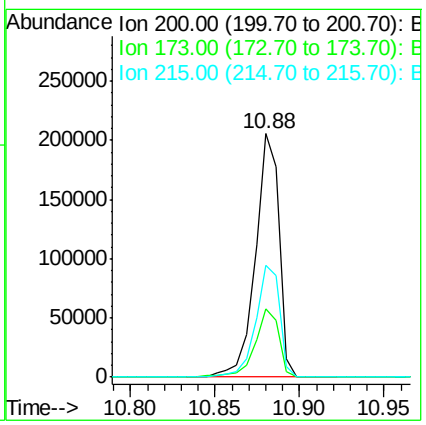


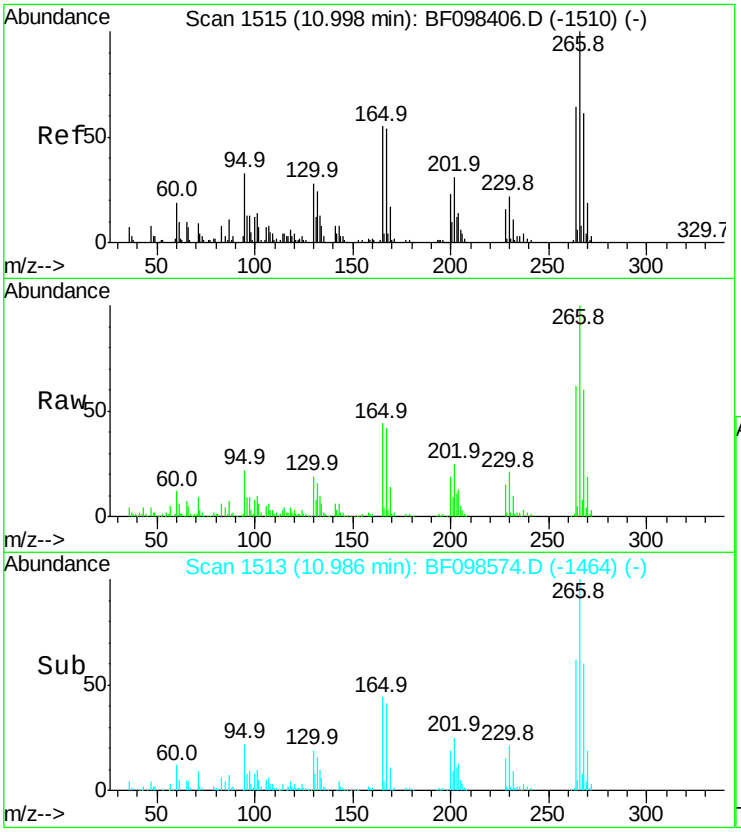




#68
Atrazine
Concen: 38.740 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:200 Resp: 201025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.3 | 6.3 | 46.3 |
| 215 | 45.7 | 27.2 | 67.2 |



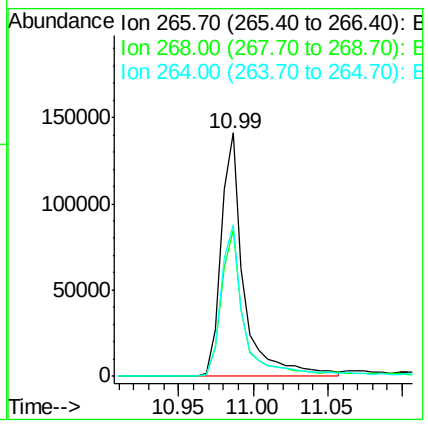


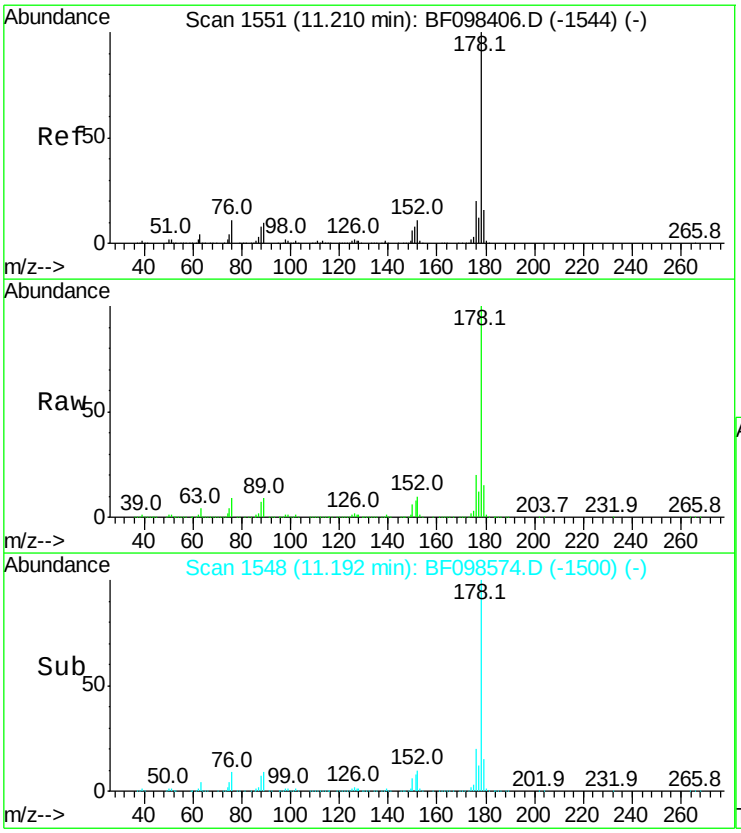

#69
Pentachlorophenol
Concen: 69.320 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:266 Resp: 151099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 60.0 | 51.1 | 76.7 |
| 264 | 62.3 | 51.7 | 77.5 |

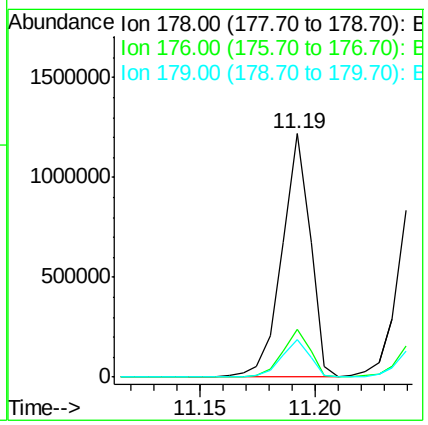


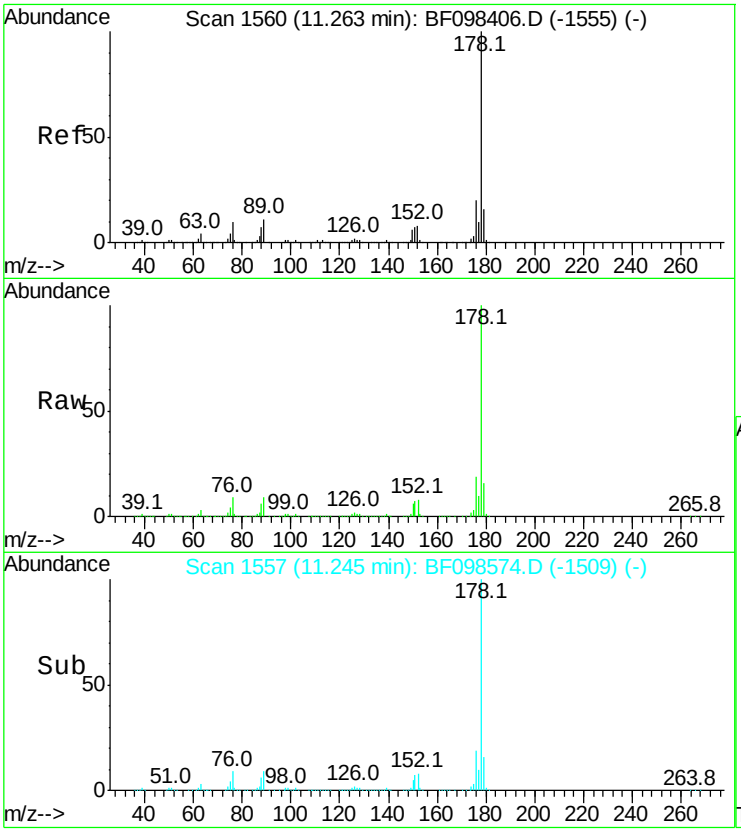




#70
Phenanthrene
Concen: 37.437 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:178 Resp: 1030209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 16.2 | 24.4 |
| 179 | 15.4 | 12.6 | 19.0 |



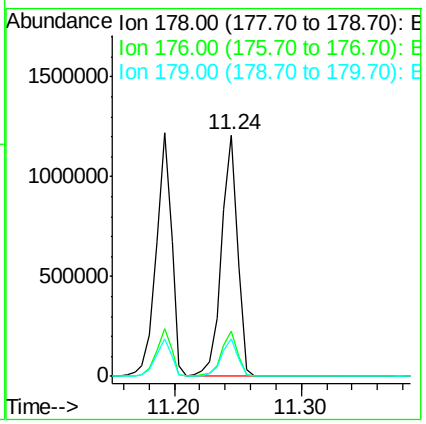


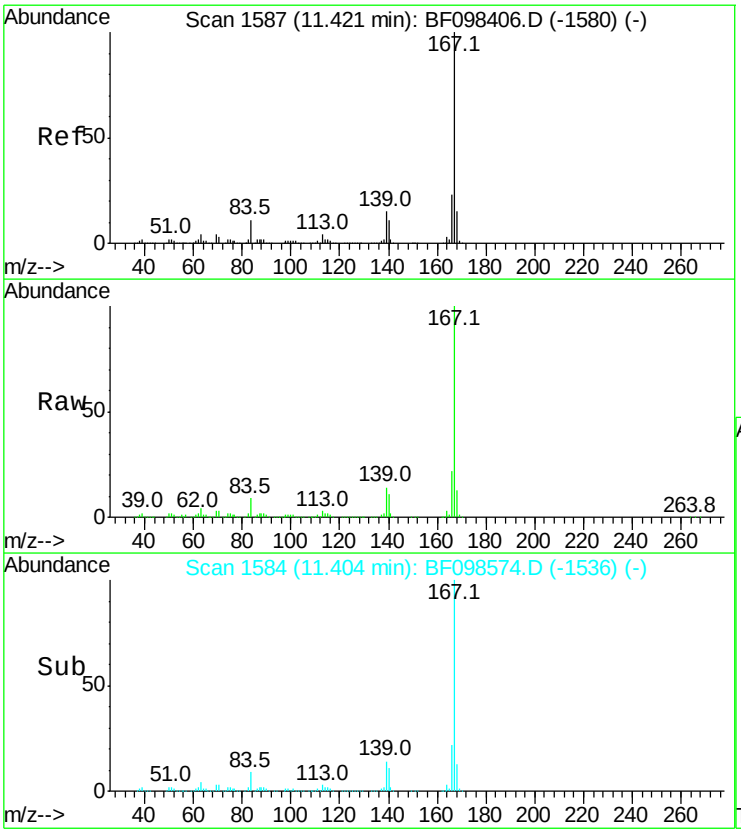

#71
Anthracene
Concen: 37.899 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:178 Resp: 1070774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.9 | 15.8 | 23.8 |
| 179 | 15.8 | 12.7 | 19.1 |

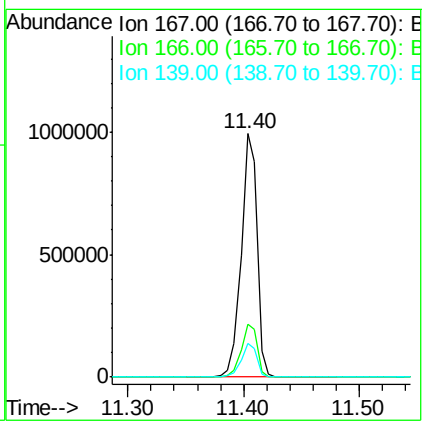


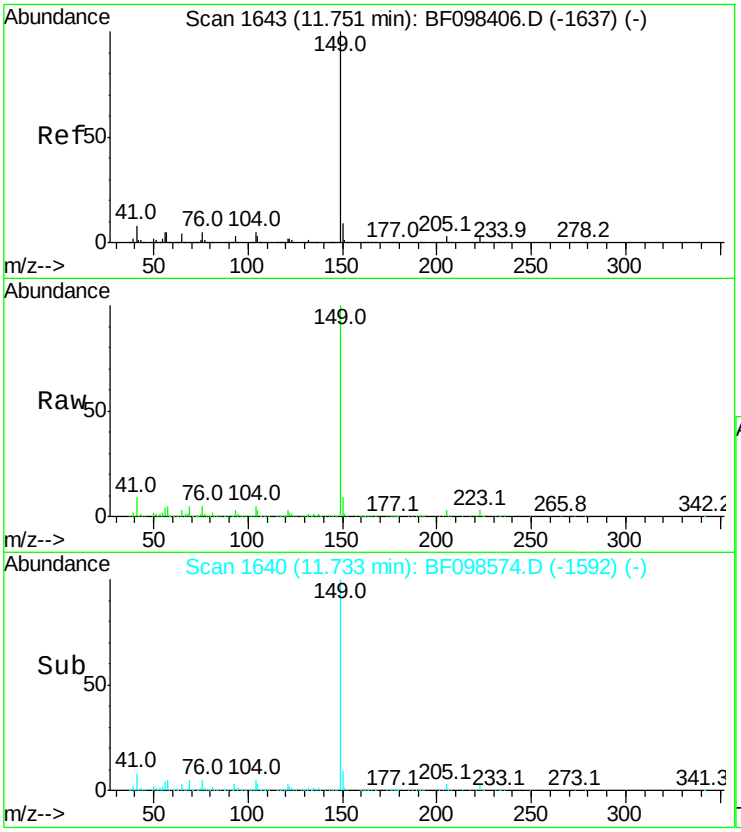




#72
Carbazole
Concen: 35.798 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:167 Resp: 942606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.0 | 18.1 | 27.1 |
| 139 | 13.9 | 11.7 | 17.5 |



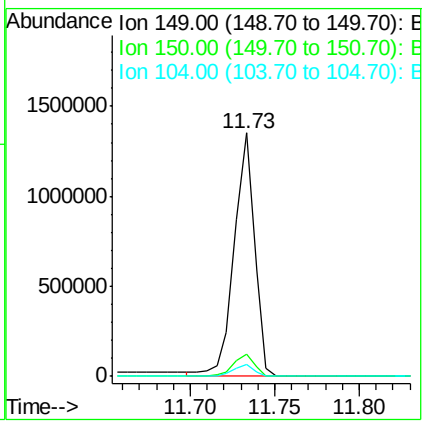


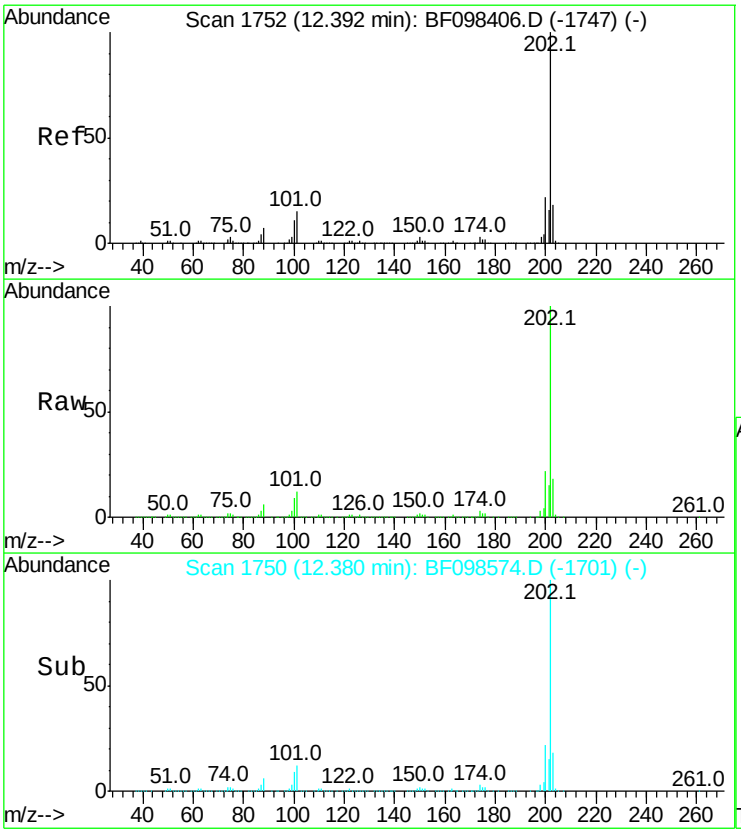

#73
Di-n-butylphthalate
Concen: 35.902 ng
RT: 11.73 min Scan# 1640
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:149 Resp: 1132659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.1 | 7.7 | 11.5 |
| 104 | 4.9 | 4.0 | 6.0 |

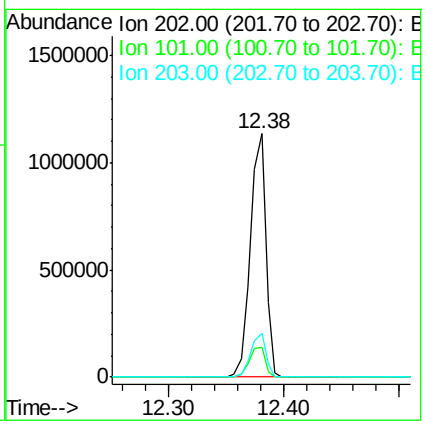


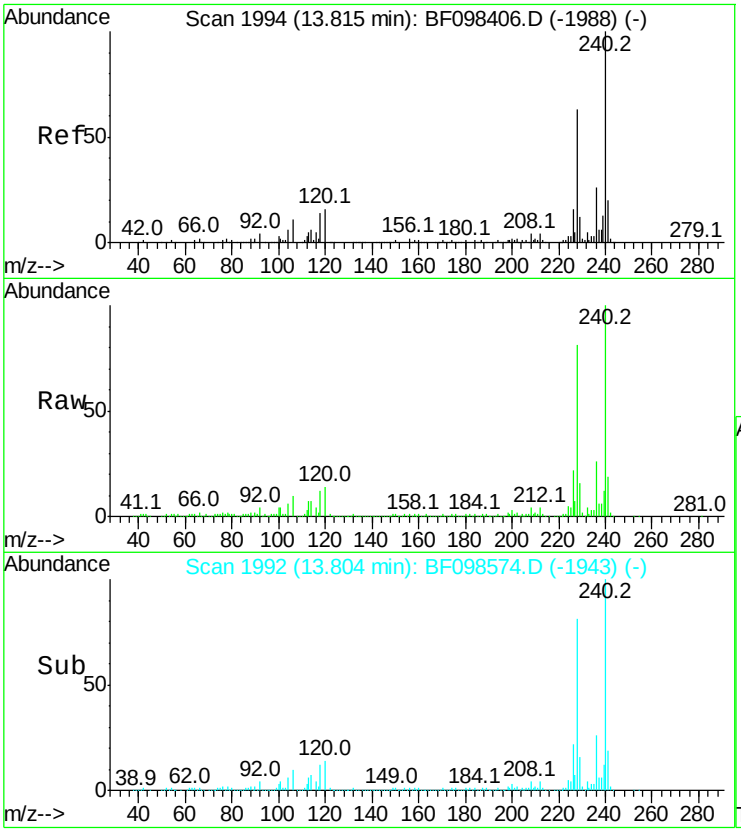




#74
Fluoranthene
Concen: 38.694 ng
RT: 12.38 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:202 Resp: 1065950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.2 | 0.0 | 33.2 |
| 203 | 17.8 | 0.0 | 38.1 |



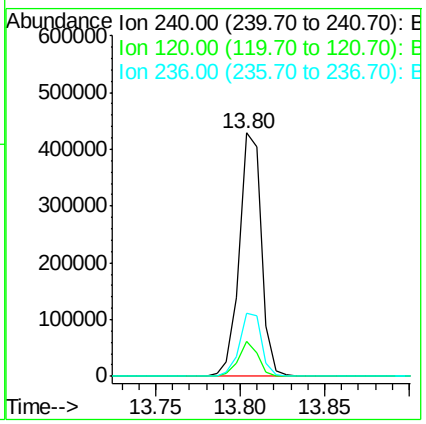


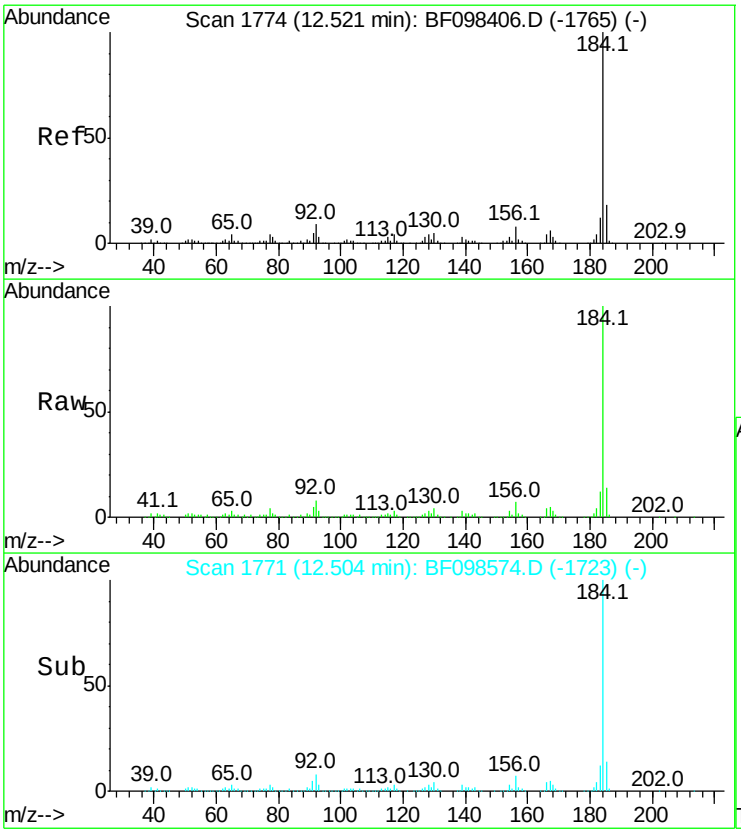

#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:240 Resp: 390874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 14.4 | 5.8 | 8.8# |
| 236 | 25.9 | 20.5 | 30.7 |

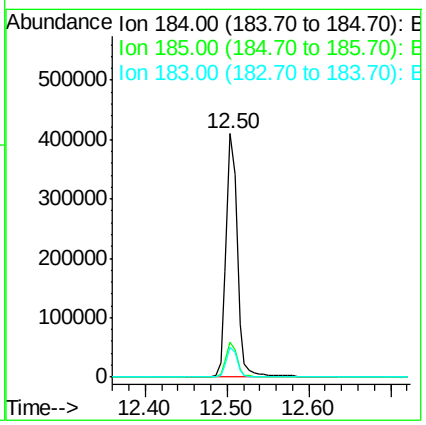


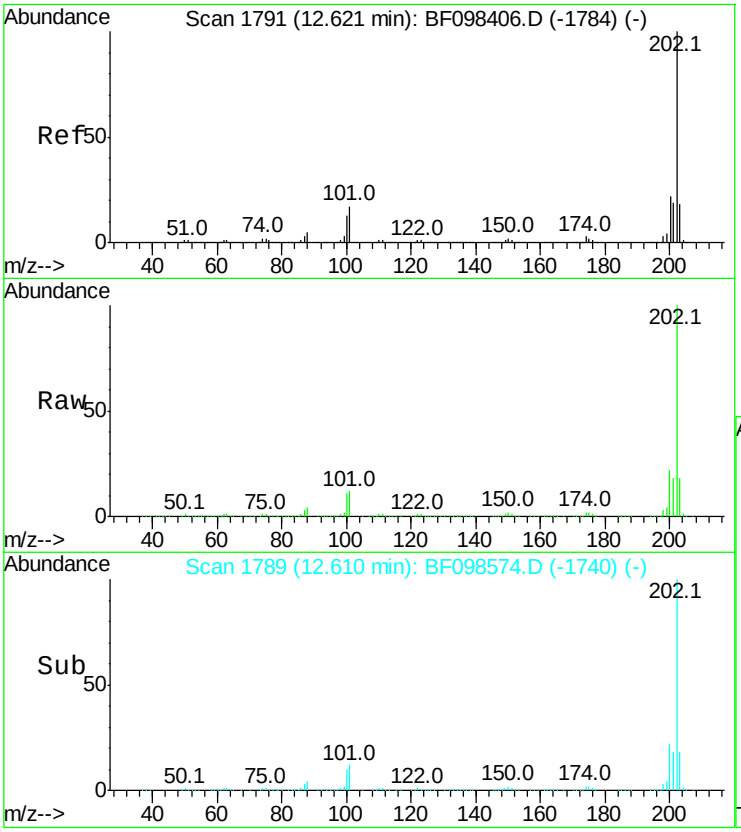




#76
Benzidine
Concen: 23.003 ng
RT: 12.50 min Scan# 1771
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:184 Resp: 397918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.3 | 15.5 | 23.3# |
| 183 | 12.1 | 9.8 | 14.6 |



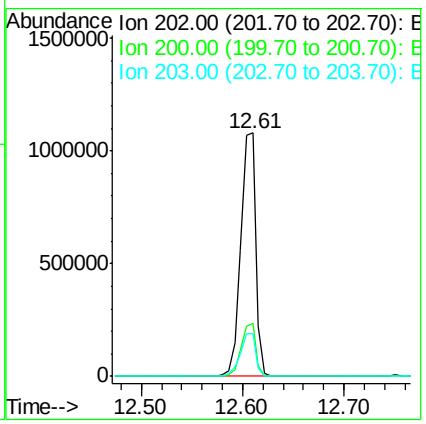


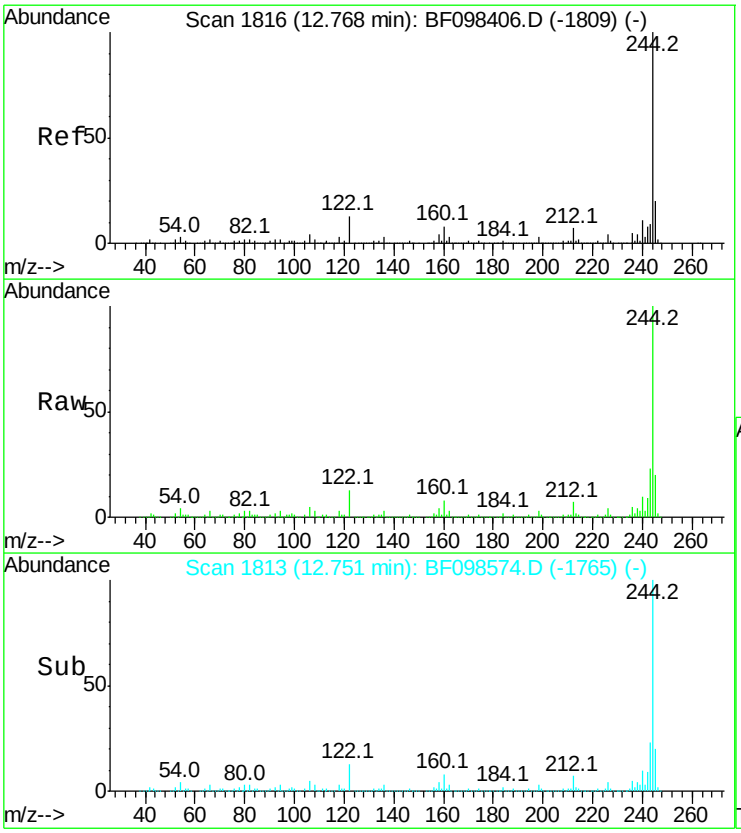

#77
Pyrene
Concen: 35.966 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:202 Resp: 1109006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.6 | 17.6 | 26.4 |
| 203 | 17.6 | 14.4 | 21.6 |

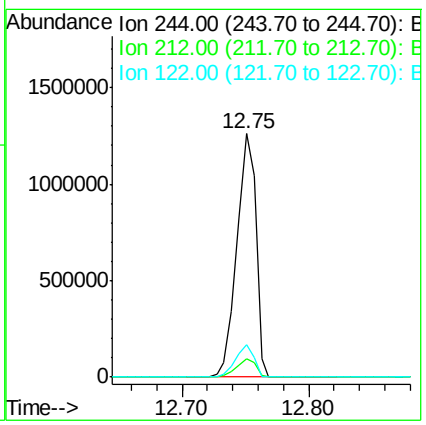


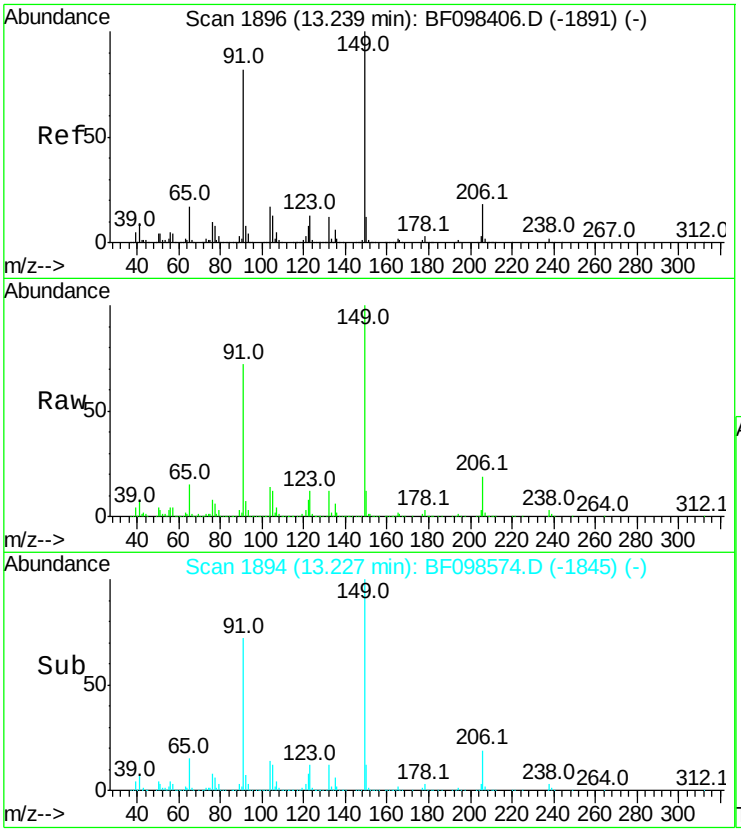




#78
Terphenyl-d14
Concen: 71.832 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:244 Resp: 1300805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.5 | 6.0 | 9.0 |
| 122 | 13.3 | 10.3 | 15.5 |



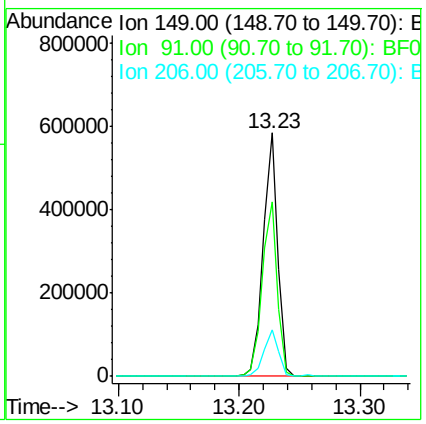


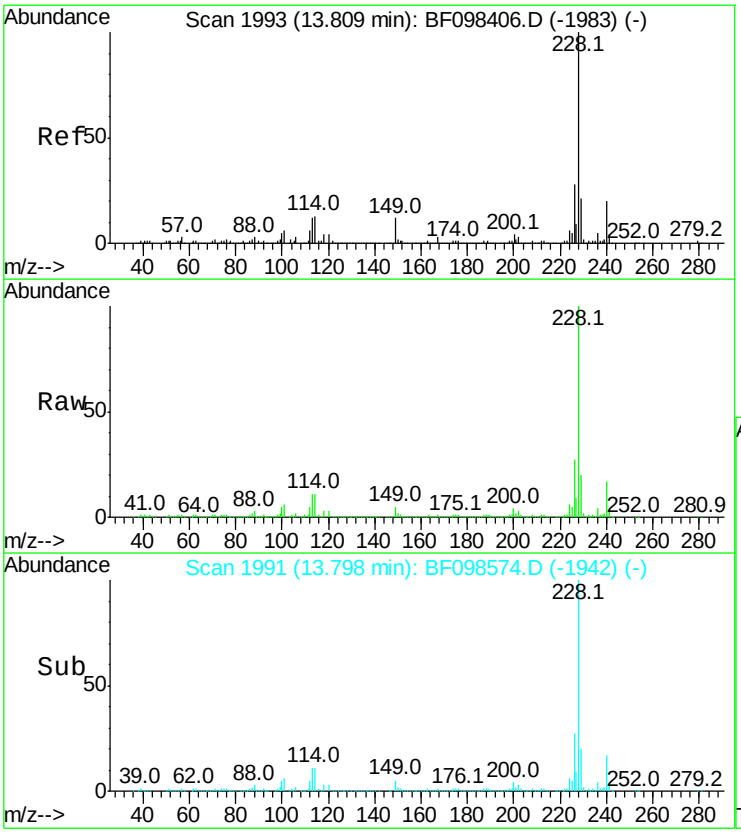

#79
Butylbenzylphthalate
Concen: 36.620 ng
RT: 13.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:149 Resp: 489862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 71.9 | 45.0 | 67.4# |
| 206 | 19.2 | 17.0 | 25.6 |

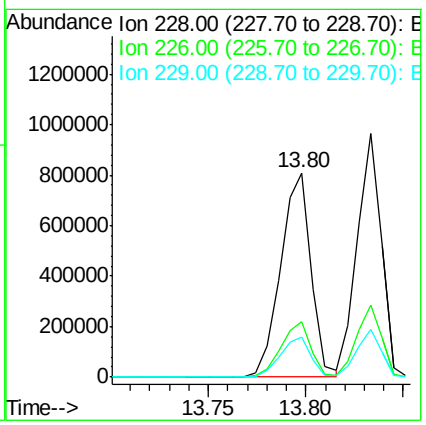


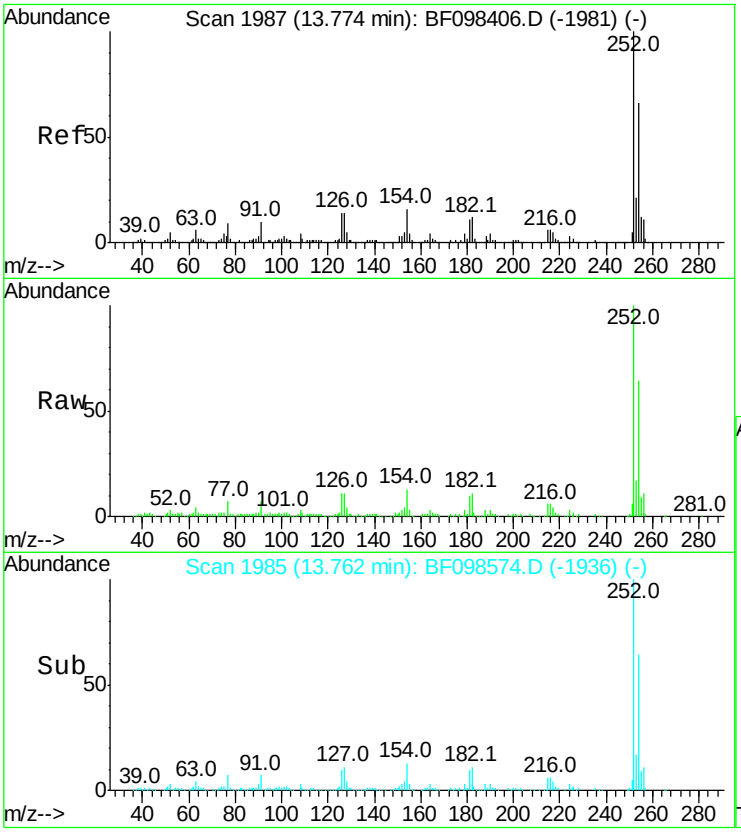




#80
Benzo(a)anthracene
Concen: 37.993 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:228 Resp: 870662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.4 | 22.6 | 33.8 |
| 229 | 19.9 | 16.3 | 24.5 |



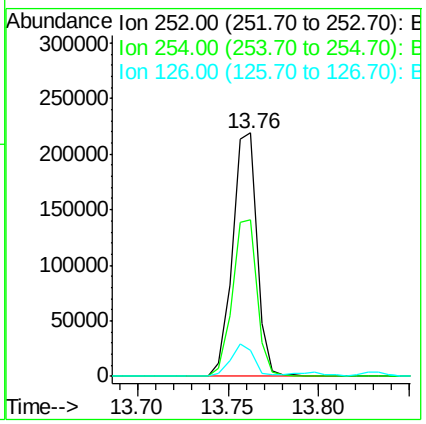


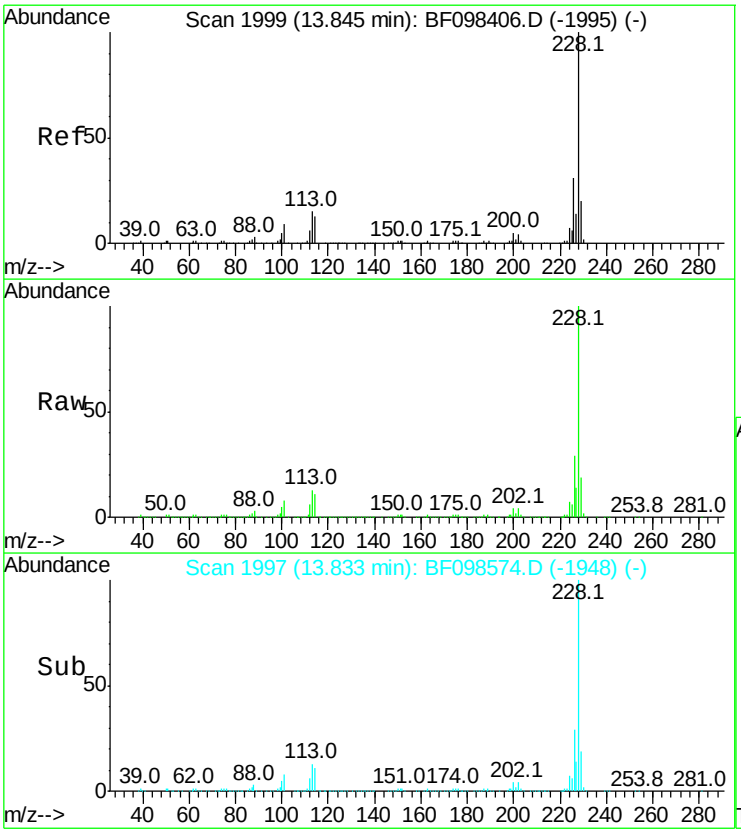

#81
3,3'-Dichlorobenzidine
Concen: 23.217 ng
RT: 13.76 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:252 Resp: 206768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.3 | 51.5 | 77.3 |
| 126 | 10.6 | 15.8 | 23.8# |

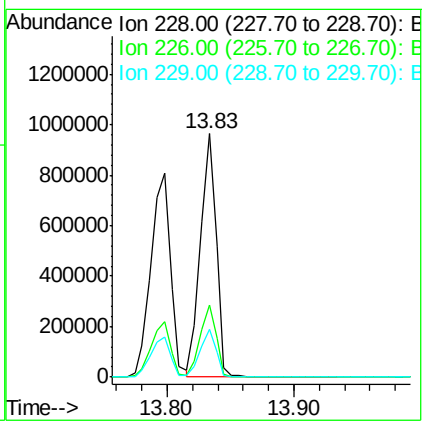


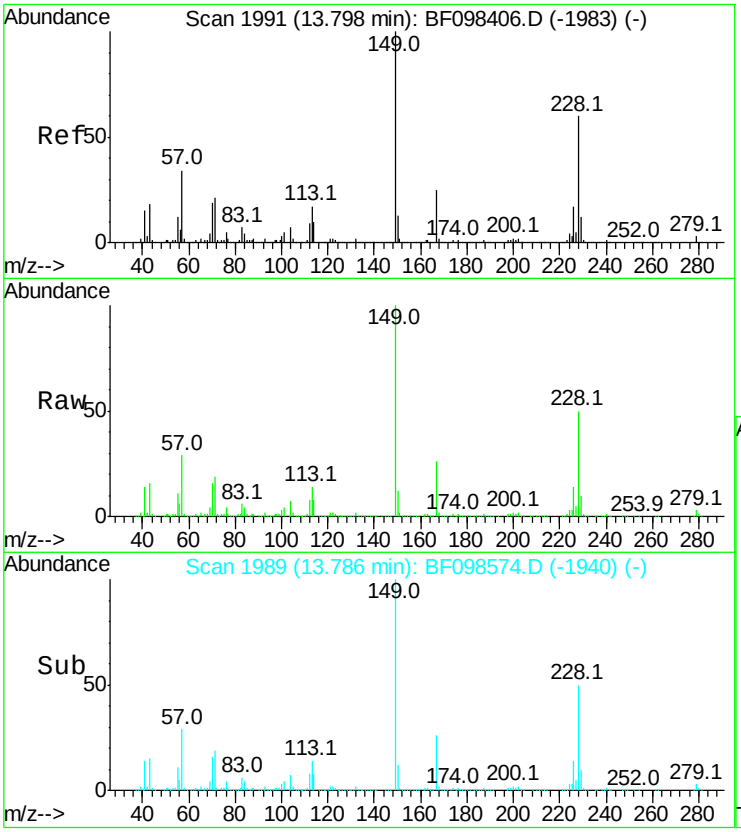




#82
Chrysene
Concen: 36.020 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:228 Resp: 834387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.4 | 24.9 | 37.3 |
| 229 | 19.4 | 15.8 | 23.6 |



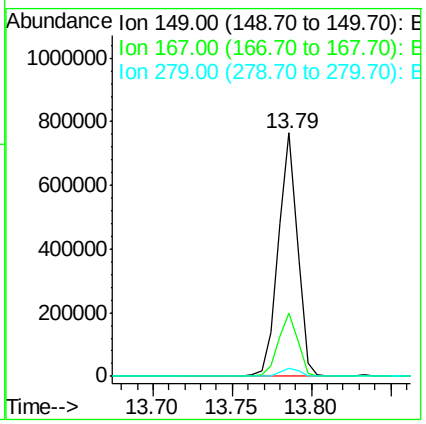


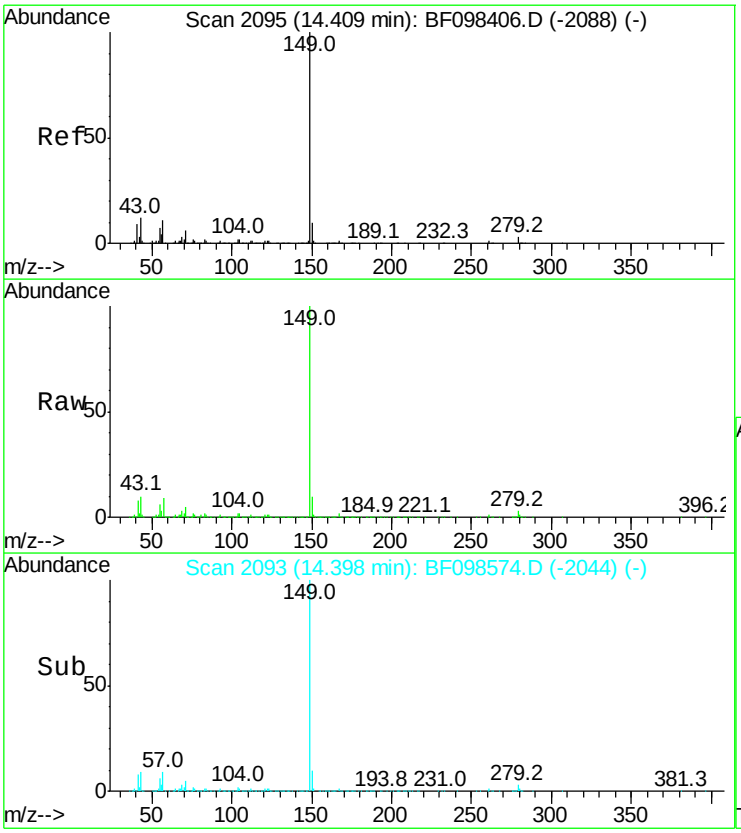

#83
Bis(2-ethylhexyl)phthalate
Concen: 38.144 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:149 Resp: 640383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 25.9 | 21.0 | 31.4 |
| 279 | 3.1 | 1.9 | 2.9# |

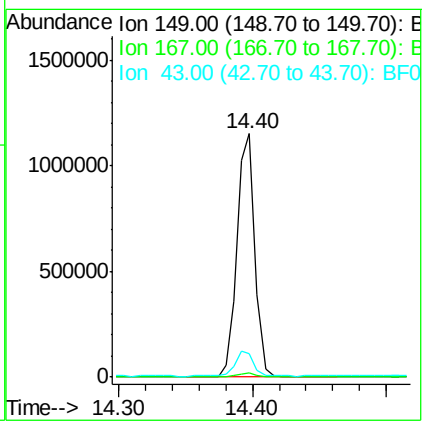


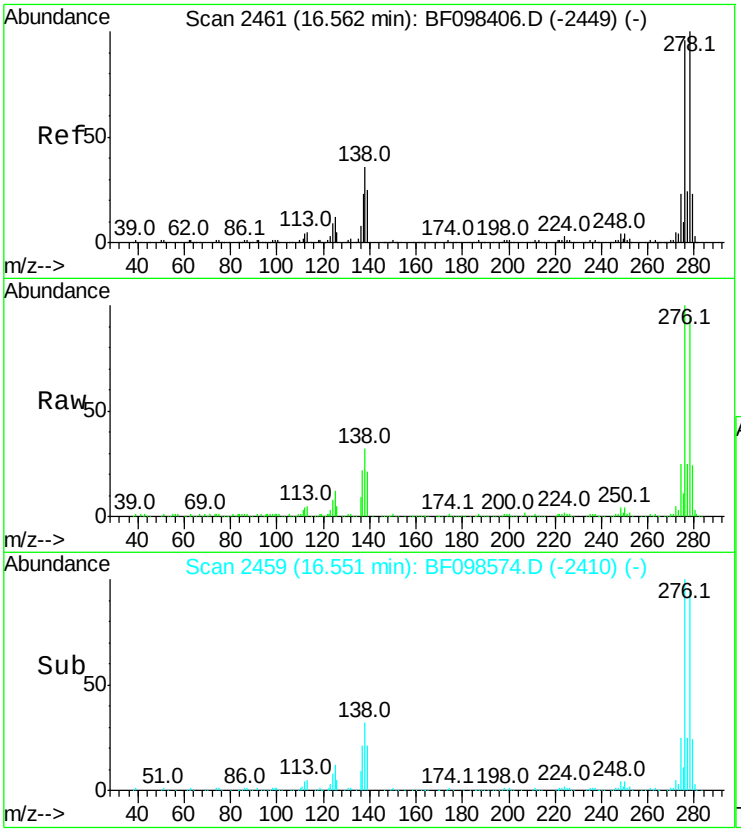




#84
Di-n-octyl phthalate
Concen: 37.309 ng
RT: 14.40 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:149 Resp: 1074658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.2 | 1.8 |
| 43 | 10.7 | 8.5 | 12.7 |



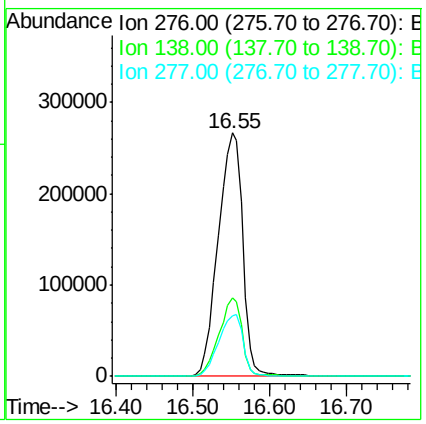


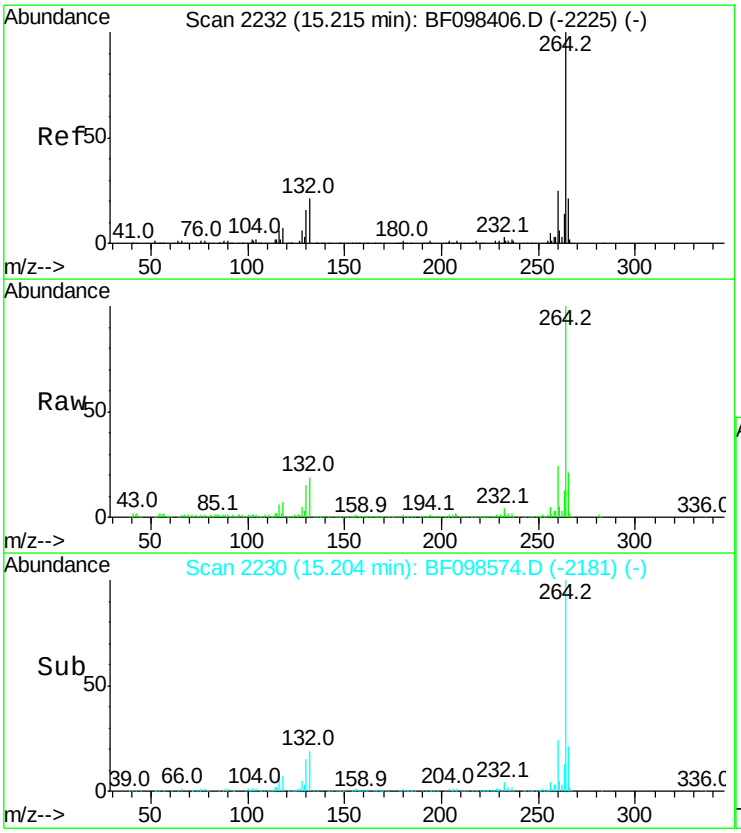

#85
Indeno(1,2,3-cd)pyrene
Concen: 36.360 ng
RT: 16.55 min Scan# 2459
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:276 Resp: 590927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 30.5 | 27.8 | 41.6 |
| 277 | 25.3 | 20.2 | 30.4 |

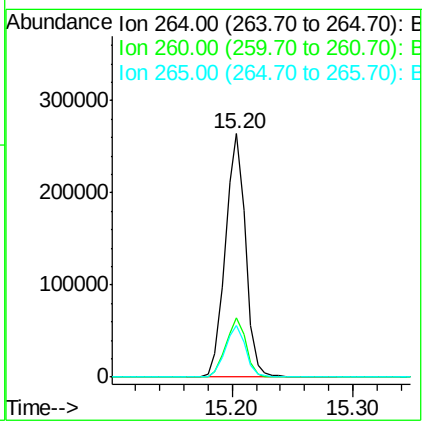


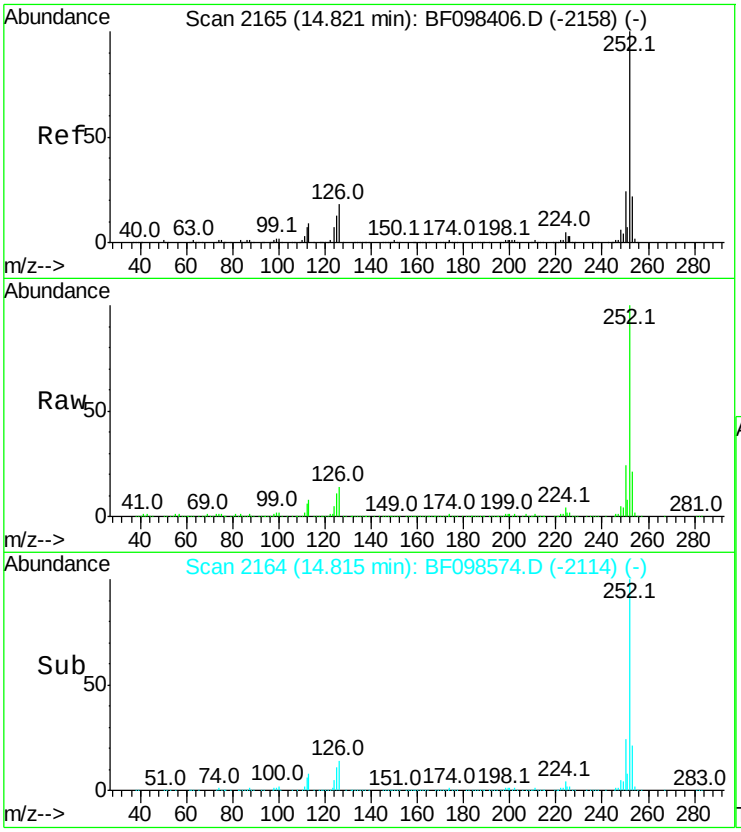




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:264 Resp: 305697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.2 | 19.5 | 29.3 |
| 265 | 21.0 | 17.2 | 25.8 |



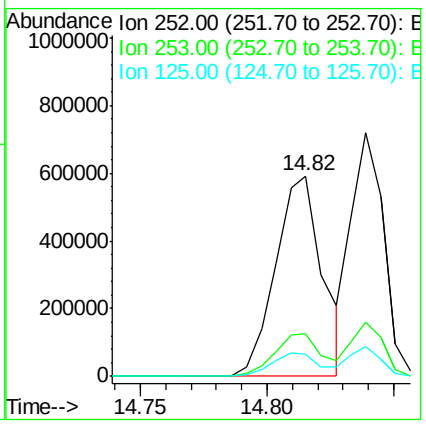


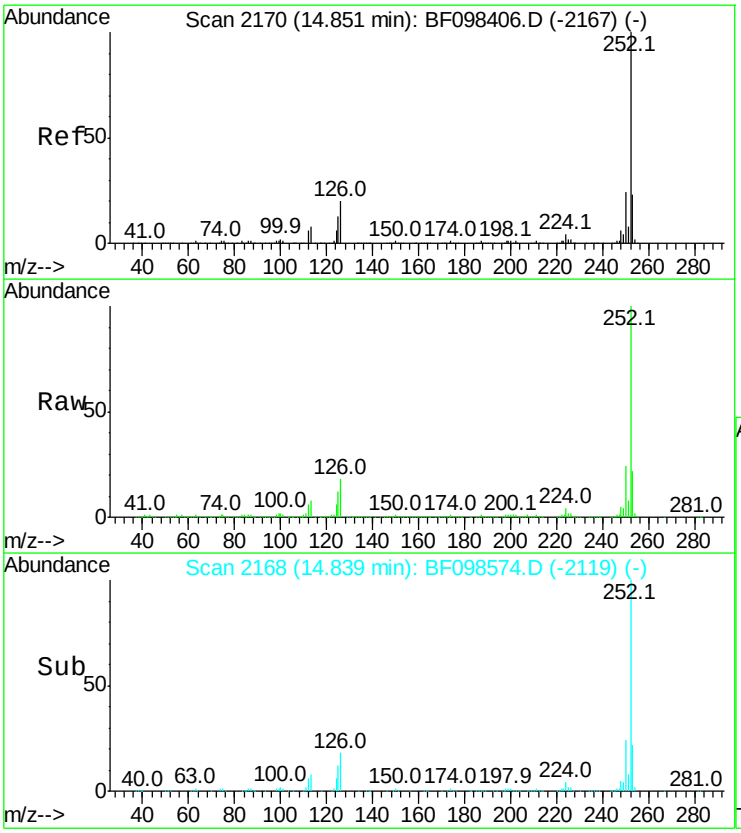

#87
Benzo(b)fluoranthene
Concen: 39.821 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:252 Resp: 765417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.4 | 18.1 | 27.1 |
| 125 | 10.8 | 9.8 | 14.8 |

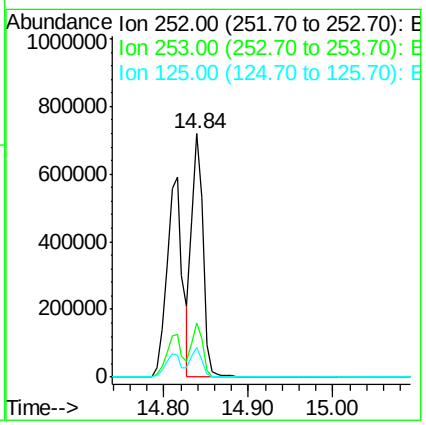


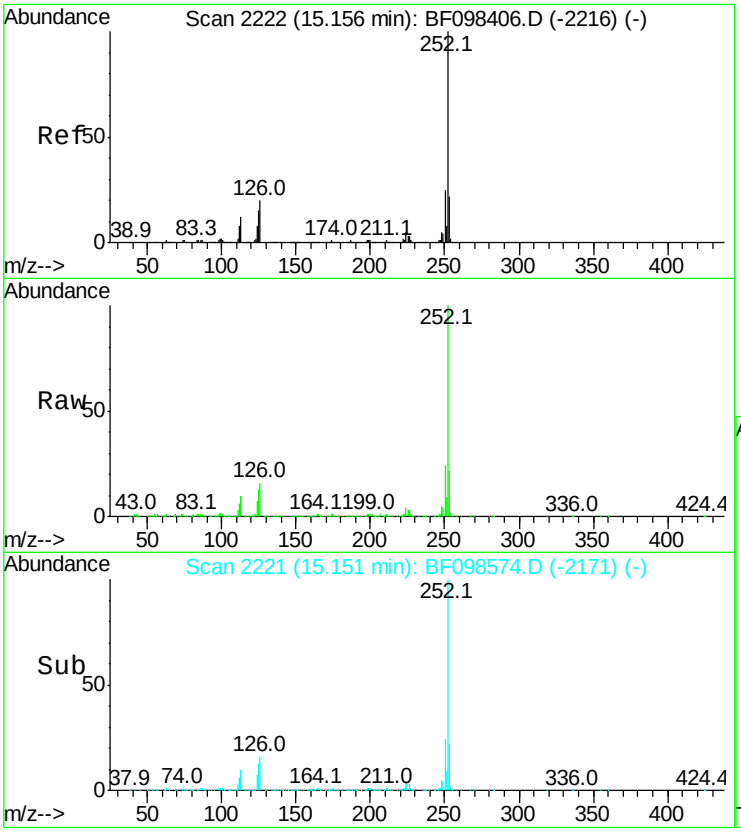




#88
Benzo(k)fluoranthene
Concen: 36.460 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:252 Resp: 654253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 18.4 | 27.6 |
| 125 | 12.4 | 13.1 | 19.7# |



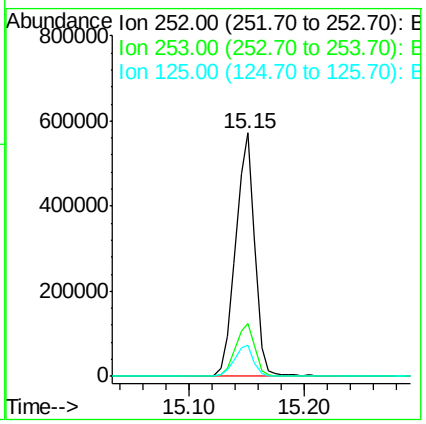


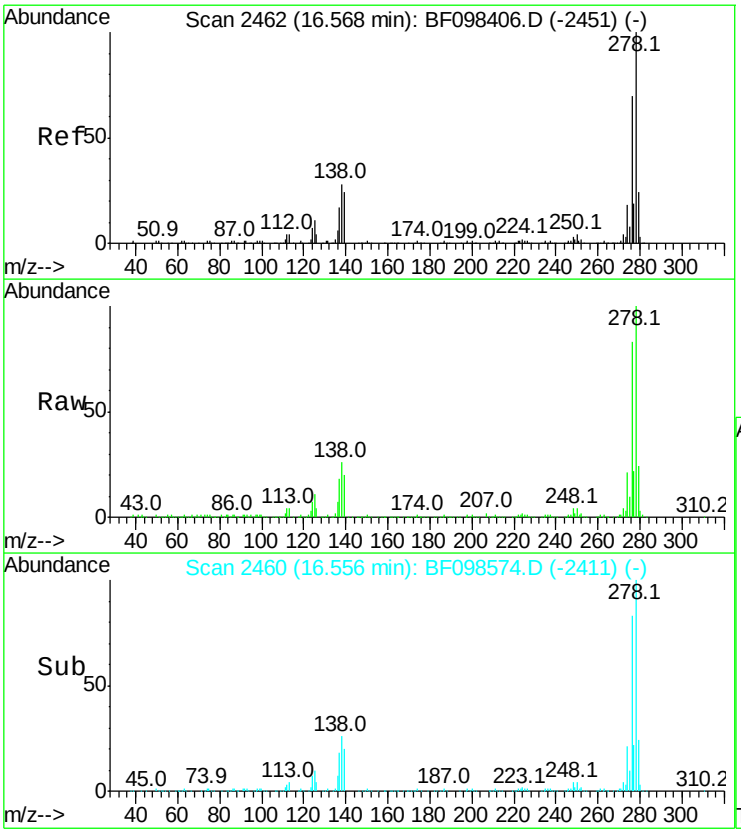

#89
Benzo(a)pyrene
Concen: 38.330 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:252 Resp: 656370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.5 | 17.5 | 26.3 |
| 125 | 12.9 | 11.0 | 16.4 |

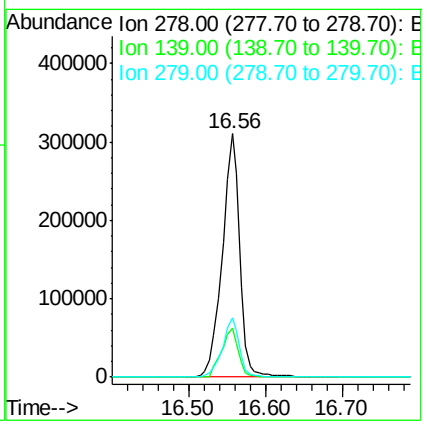


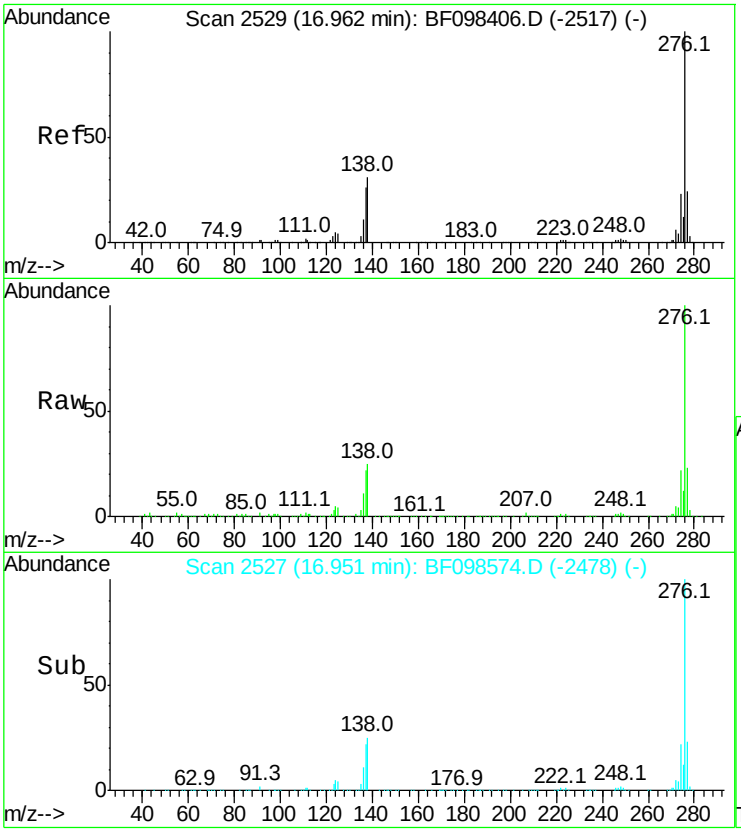




#90
Dibenzo(a,h)anthracene
Concen: 39.280 ng
RT: 16.56 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:278 Resp: 489304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 20.4 | 16.6 | 24.8 |
| 279 | 24.1 | 19.3 | 28.9 |






#91
Benzo(g,h,i)perylene
Concen: 39.694 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

**Instrument :**
BNA_F
**ClientSampleId :**
PB102329BS

Tgt Ion:276 Resp: 497332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 22.8 | 18.6 | 28.0 |
| 138 | 25.5 | 25.4 | 38.0 |