Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
Data File : BF094097.D
Acq On : 31 Mar 2017 15:44
Operator : SJ/MA
Sample : I2458-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** B-42-S2(2.0-2.5)MS

Quant Time: Mar 31 23:07:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 5.90 | 152 | 176239 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 7.40 | 136 | 703823 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.55 | 164 | 307759 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.37 | 188 | 521936 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.63 | 240 | 369413 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 16.25 | 264 | 266704 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 4.45 | 112 | 1433092 | 137.34 | ng | | 0.01 |
| 7) Phenol-d6 | 5.52 | 99 | 1836501 | 142.27 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 6.56 | 82 | 1148311 | 93.11 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.53 | 330 | 374685 | 154.07 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 8.73 | 172 | 1950370 | 96.66 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.35 | 244 | 1489482 | 90.38 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.30 | 88 | 198154 | 39.53 | ng | | 98 |
| 3) Pyridine | 2.81 | 79 | 97469 | 7.13 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 2.75 | 42 | 266871 | 47.47 | ng | | 91 |
| 6) Aniline | 5.53 | 93 | 476480 | 26.54 | ng | # | 1 |
| 8) 2-Chlorophenol | 5.67 | 128 | 586665 | 51.15 | ng | | 96 |
| 9) Benzaldehyde | 5.39 | 77 | 121742 | 13.97 | ng | | 100 |
| 10) Phenol | 5.53 | 94 | 713357 | 48.56 | ng | | 92 |
| 11) bis(2-Chloroethyl)ether | 5.61 | 93 | 548149 | 47.75 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 5.83 | 146 | 614821 | 47.79 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 5.92 | 146 | 620633 | 47.63 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 6.10 | 146 | 574695 | 47.89 | ng | | 95 |
| 15) Benzyl Alcohol | 6.07 | 79 | 476697 | 50.45 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.23 | 45 | 754817 | 42.67 | ng | | 96 |
| 17) 2-Methylphenol | 6.22 | 107 | 496940 | 50.59 | ng | | 95 |
| 18) Hexachloroethane | 6.49 | 117 | 214863 | 46.91 | ng | | 89 |
| 19) n-Nitroso-di-n-propylamine | 6.39 | 70 | 398972 | 48.09 | ng | | 97 |
| 20) 3+4-Methylphenols | 6.39 | 107 | 617691 | 51.92 | ng | # | 64 |
| 22) Acetophenone | 6.37 | 105 | 829090 | 52.85 | ng | # | 87 |
| 24) Nitrobenzene | 6.57 | 77 | 601524 | 49.45 | ng | | 95 |
| 25) Isophorone | 6.86 | 82 | 1076605 | 49.68 | ng | | 96 |
| 26) 2-Nitrophenol | 6.95 | 139 | 331489 | 57.15 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 7.02 | 122 | 532261 | 53.25 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.12 | 93 | 698496 | 48.88 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 7.25 | 162 | 509804 | 54.55 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 7.34 | 180 | 485763 | 50.47 | ng | | 97 |
| 31) Naphthalene | 7.43 | 128 | 1637591 | 48.39 | ng | | 100 |
| 32) Benzoic acid | 7.16 | 122 | 181693 | 27.31 | ng | | 94 |
| 33) 4-Chloroaniline | 7.50 | 127 | 455582 | 33.21 | ng | | 94 |
| 34) Hexachlorobutadiene | 7.59 | 225 | 239044 | 48.43 | ng | | 99 |
| 35) Caprolactam | 7.95 | 113 | 71212 | 23.90 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 8.12 | 107 | 536266 | 54.92 | ng | | 88 |
| 37) 2-Methylnaphthalene | 8.27 | 142 | 1130082 | 50.09 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.48 | 216 | 417826 | 49.63 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 8.47 | 237 | 380053 | 96.47 | ng | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
Data File : BF094097.D
Acq On : 31 Mar 2017 15:44
Operator : SJ/MA
Sample : I2458-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** B-42-S2(2.0-2.5)MS

Quant Time: Mar 31 23:07:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.63 | 196 | 336522 | 56.50 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 8.68 | 196 | 339832 | 52.73 | ng | | 95 |
| 45) 1,1'-Biphenyl | 8.85 | 154 | 1242077 | 50.04 | ng | | 98 |
| 46) 2-Chloronaphthalene | 8.87 | 162 | 999611 | 51.44 | ng | | 95 |
| 47) 2-Nitroaniline | 9.00 | 65 | 310852 | 53.93 | ng | # | 84 |
| 48) Acenaphthylene | 9.38 | 152 | 1554123 | 48.12 | ng | | 99 |
| 49) Dimethylphthalate | 9.25 | 163 | 1261056 | 57.64 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.30 | 165 | 271298 | 54.10 | ng | # | 88 |
| 51) Acenaphthene | 9.59 | 154 | 930105 | 49.36 | ng | | 99 |
| 52) 3-Nitroaniline | 9.50 | 138 | 229585 | 38.99 | ng | | 92 |
| 53) 2,4-Dinitrophenol | 9.64 | 184 | 195054 | 73.11 | ng | # | 72 |
| 54) Dibenzofuran | 9.80 | 168 | 1313713 | 51.21 | ng | | 99 |
| 55) 4-Nitrophenol | 9.75 | 139 | 403741 | 87.55 | ng | # | 71 |
| 56) 2,4-Dinitrotoluene | 9.80 | 165 | 322938 | 51.26 | ng | # | 67 |
| 57) Fluorene | 10.22 | 166 | 991722 | 46.62 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 9.96 | 232 | 244177 | 55.21 | ng | | 97 |
| 59) Diethylphthalate | 10.11 | 149 | 1100634 | 50.90 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 10.23 | 204 | 424277 | 46.82 | ng | | 94 |
| 61) 4-Nitroaniline | 10.27 | 138 | 289967 | 51.31 | ng | | 98 |
| 62) Azobenzene | 10.43 | 77 | 1083616 | 52.98 | ng | | 95 |
| 64) 4,6-Dinitro-2-methylphenol | 10.30 | 198 | 163431 | 51.13 | ng | # | 69 |
| 65) n-Nitrosodiphenylamine | 10.38 | 169 | 927670 | 51.39 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.83 | 248 | 267702 | 52.15 | ng | | 95 |
| 67) Hexachlorobenzene | 10.90 | 284 | 277428 | 53.39 | ng | # | 84 |
| 68) Atrazine | 11.05 | 200 | 259345 | 47.97 | ng | | 97 |
| 69) Pentachlorophenol | 11.15 | 266 | 274519 | 84.88 | ng | | 98 |
| 70) Phenanthrene | 11.40 | 178 | 1455105 | 50.12 | ng | | 99 |
| 71) Anthracene | 11.47 | 178 | 1493320 | 49.95 | ng | | 100 |
| 72) Carbazole | 11.67 | 167 | 1431053 | 46.68 | ng | | 99 |
| 73) Di-n-butylphthalate | 12.12 | 149 | 1625159 | 50.98 | ng | | 99 |
| 74) Fluoranthene | 12.86 | 202 | 1438403 | 48.38 | ng | | 99 |
| 76) Benzidine | 13.03 | 184 | 50576 | 3.46 | ng | | 94 |
| 77) Pyrene | 13.14 | 202 | 1457545 | 54.37 | ng | | 100 |
| 79) Butylbenzylphthalate | 13.96 | 149 | 675102 | 59.10 | ng | # | 85 |
| 80) Benzo(a)anthracene | 14.61 | 228 | 1079226 | 50.10 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 14.59 | 252 | 274736 | 35.68 | ng | # | 96 |
| 82) Chrysene | 14.66 | 228 | 947916 | 47.42 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 14.67 | 149 | 897430 | 57.58 | ng | # | 100 |
| 84) Di-n-octyl phthalate | 15.43 | 149 | 1357494 | 52.14 | ng | | 97 |
| 85) Indeno(1,2,3-cd)pyrene | 17.60 | 276 | 856678 | 49.48 | ng | | 100 |
| 87) Benzo(b)fluoranthene | 15.84 | 252 | 791540 | 48.42 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 15.87 | 252 | 800065 | 50.02 | ng | | 96 |
| 89) Benzo(a)pyrene | 16.19 | 252 | 749684 | 49.80 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 17.63 | 278 | 704425 | 55.25 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 18.00 | 276 | 731728 | 56.95 | ng | | 98 |

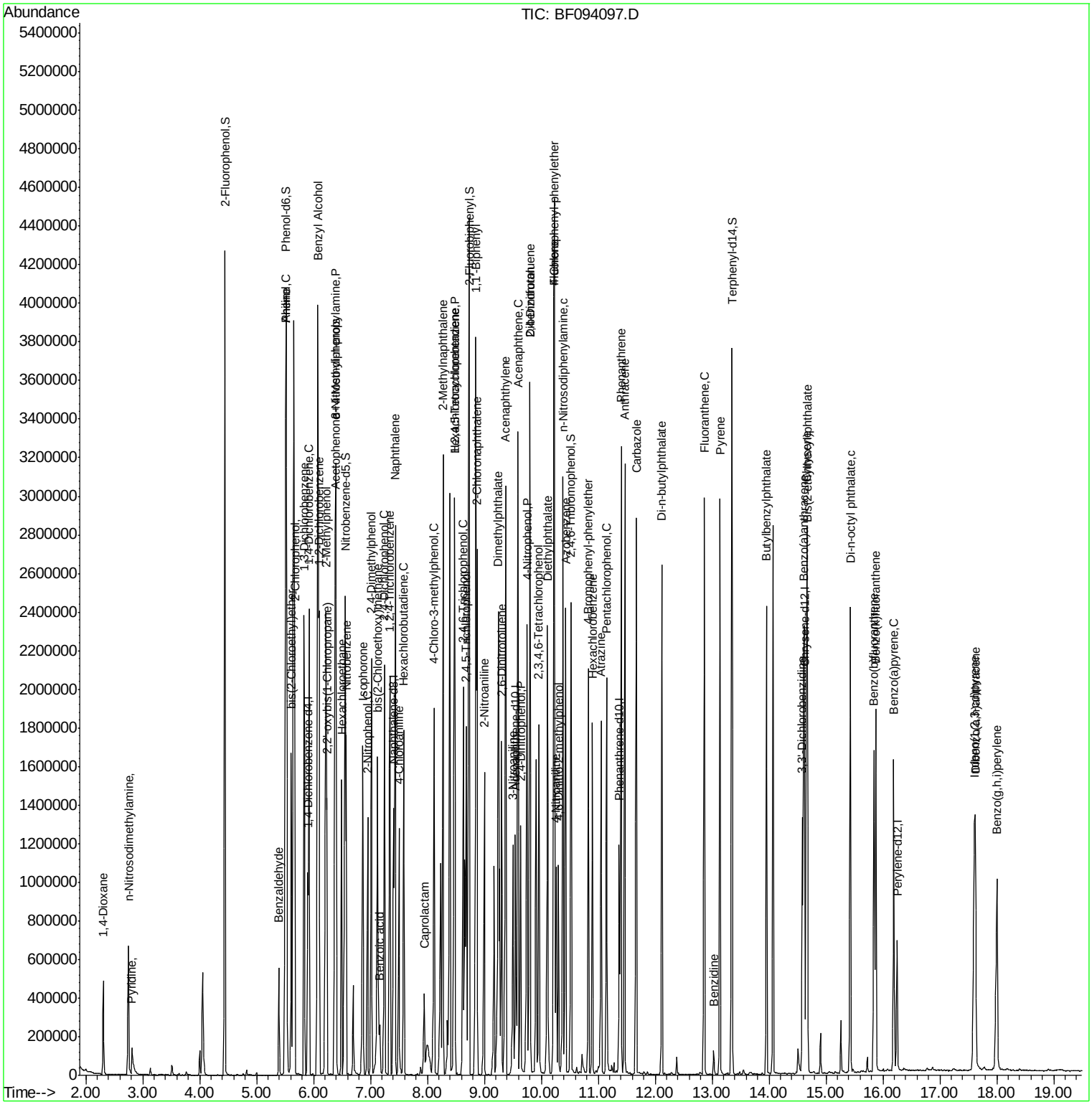
(#) = qualifier out of range (m) = manual integration (+) = signals summed

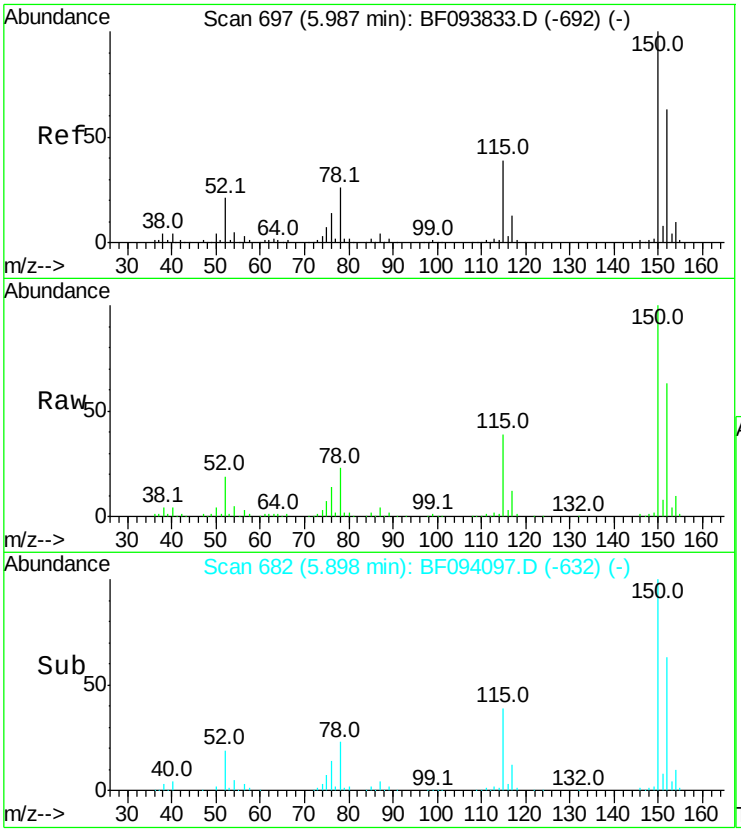
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
Data File : BF094097.D
Acq On : 31 Mar 2017 15:44
Operator : SJ/MA
Sample : I2458-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Quant Time: Mar 31 23:07:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration



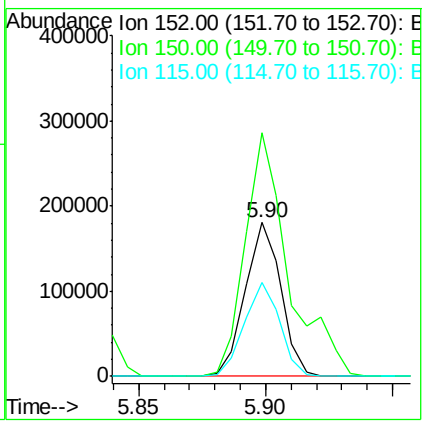


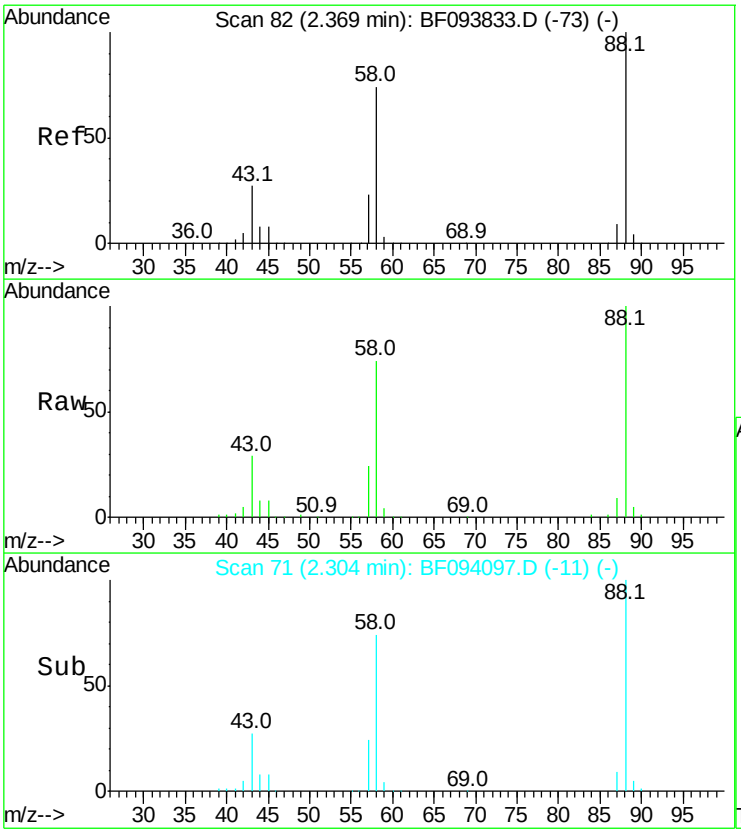

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.90 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:152 Resp: 176239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.4 | 126.2 | 189.2 |
| 115 | 61.5 | 52.2 | 78.2 |

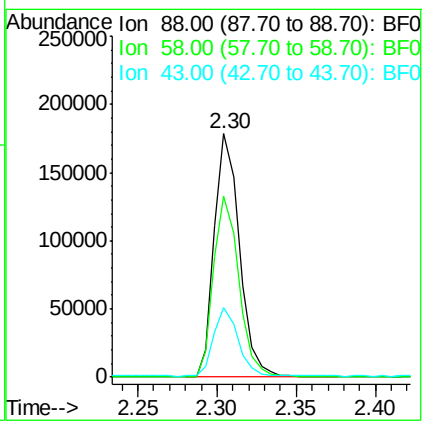


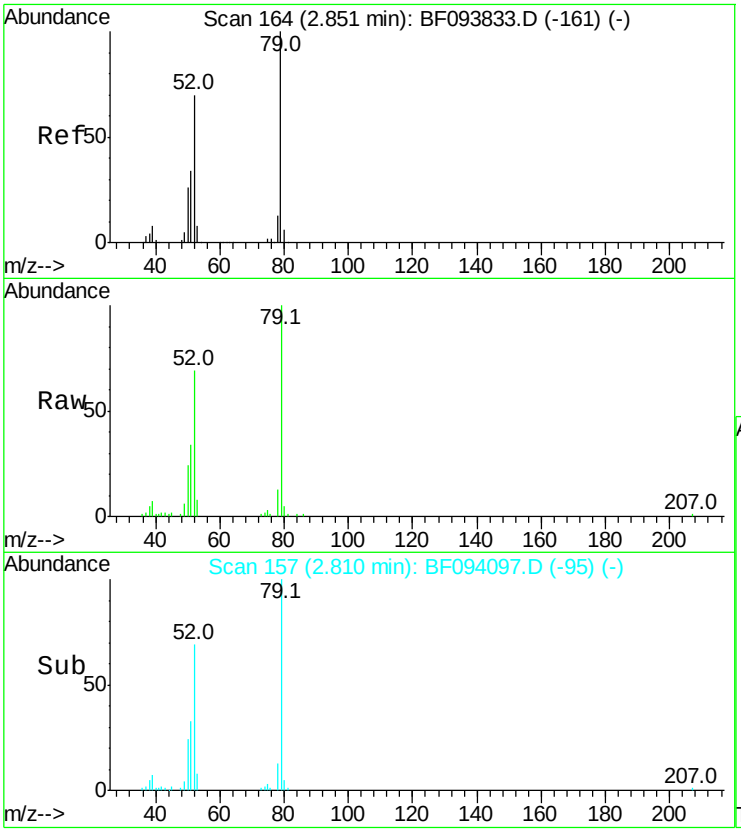




#2
1,4-Dioxane
Concen: 39.53 ng
RT: 2.30 min Scan# 71
Delta R.T. 0.05 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion: 88 Resp: 198154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 74.6 | 61.4 | 92.0 |
| 43 | 27.8 | 23.4 | 35.0 |

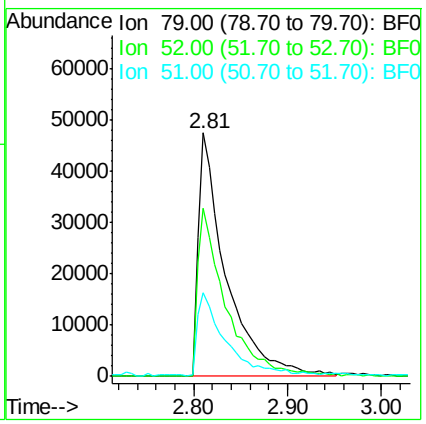




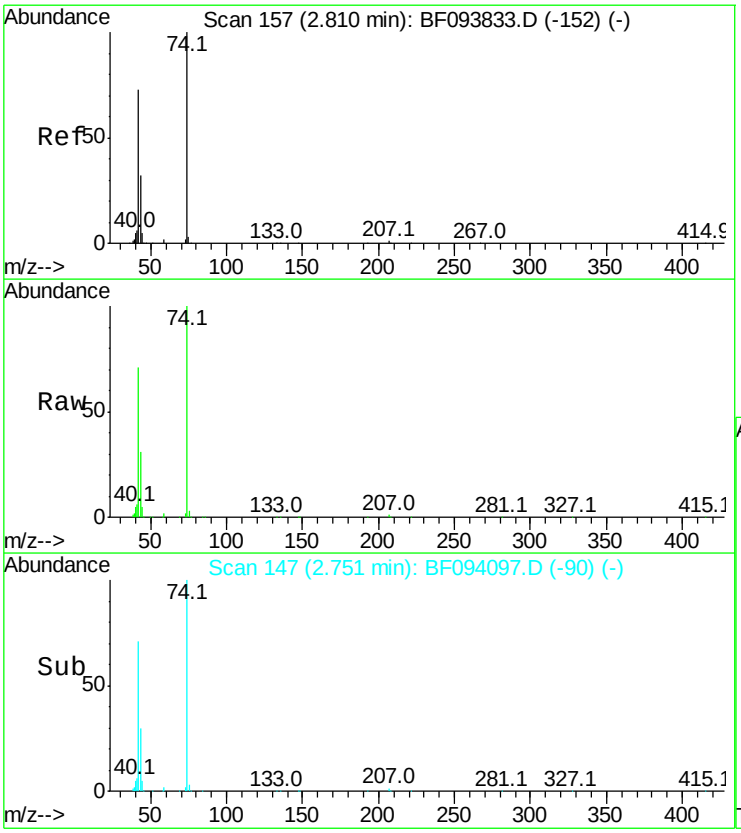

#3
Pyridine
Concen: 7.13 ng
RT: 2.81 min Scan# 157
Delta R.T. 0.06 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion: 79 Resp: 97469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 69.0 | 54.8 | 82.2 |
| 51 | 34.1 | 27.0 | 40.4 |



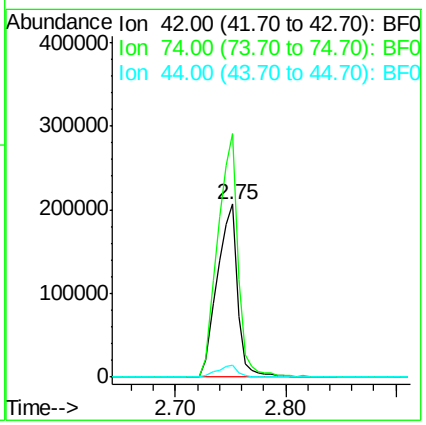

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

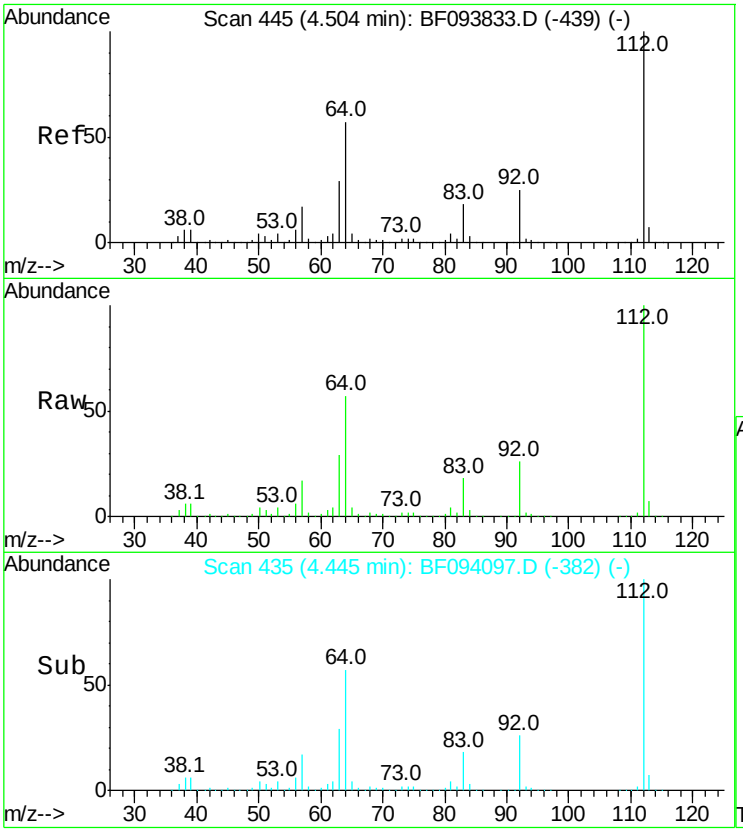



#4
n-Nitrosodimethylamine
Concen: 47.47 ng
RT: 2.75 min Scan# 147
Delta R.T. 0.04 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion: 42 Resp: 266871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 140.7 | 103.9 | 155.9 |
| 44 | 6.6 | 5.7 | 8.5 |



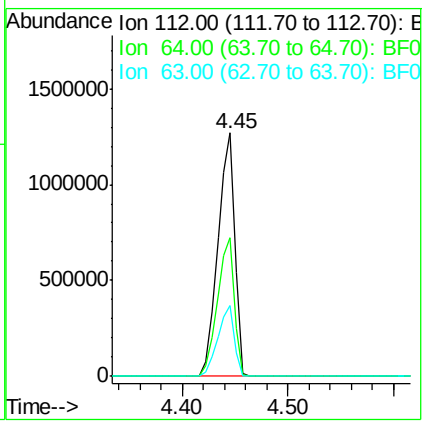


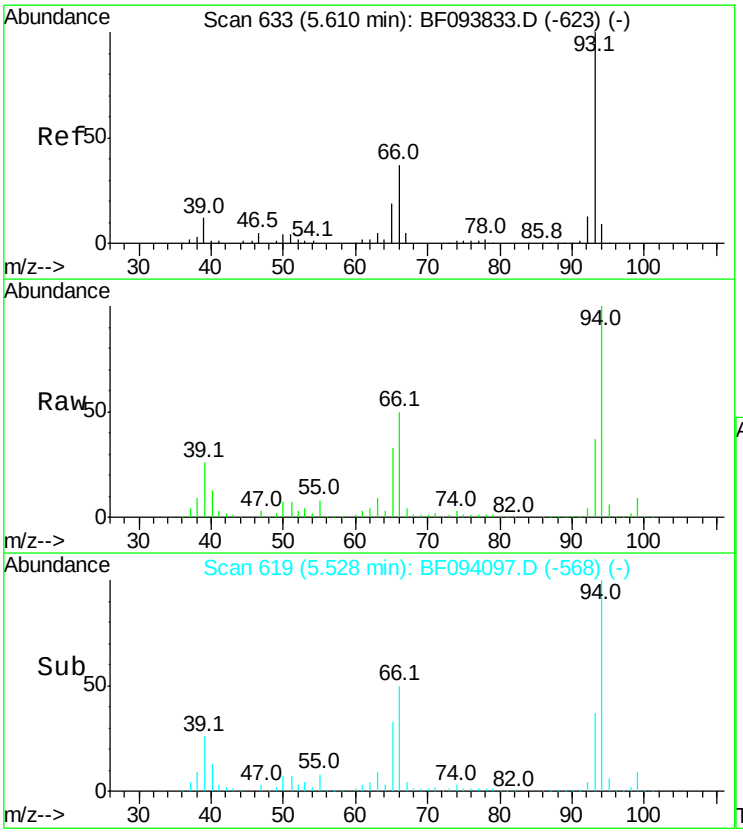

#5
2-Fluorophenol
Concen: 137.34 ng
RT: 4.45 min Scan# 435
Delta R.T. 0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:112 Resp: 1433092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.0 | 46.0 | 69.0 |
| 63 | 29.2 | 23.4 | 35.0 |

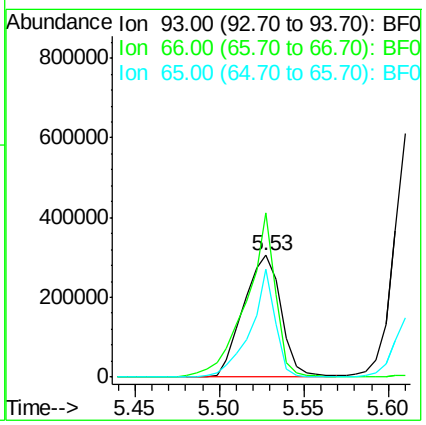


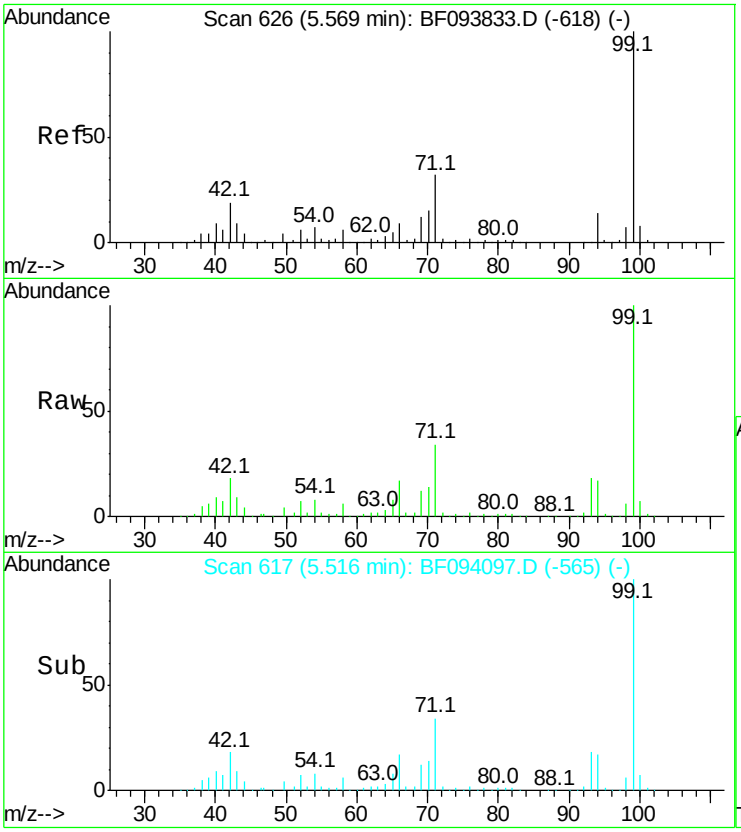




#6
Aniline
Concen: 26.54 ng
RT: 5.53 min Scan# 619
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion: 93 Resp: 476480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 135.2 | 32.9 | 49.3# |
| 65 | 88.9 | 16.0 | 24.0# |



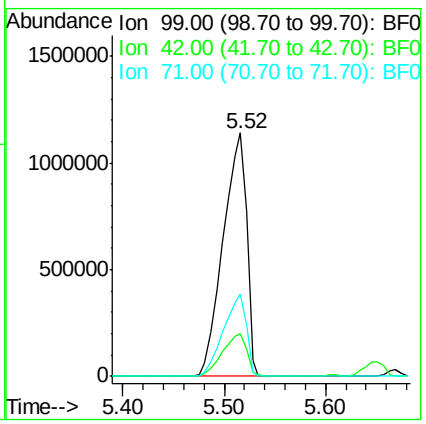


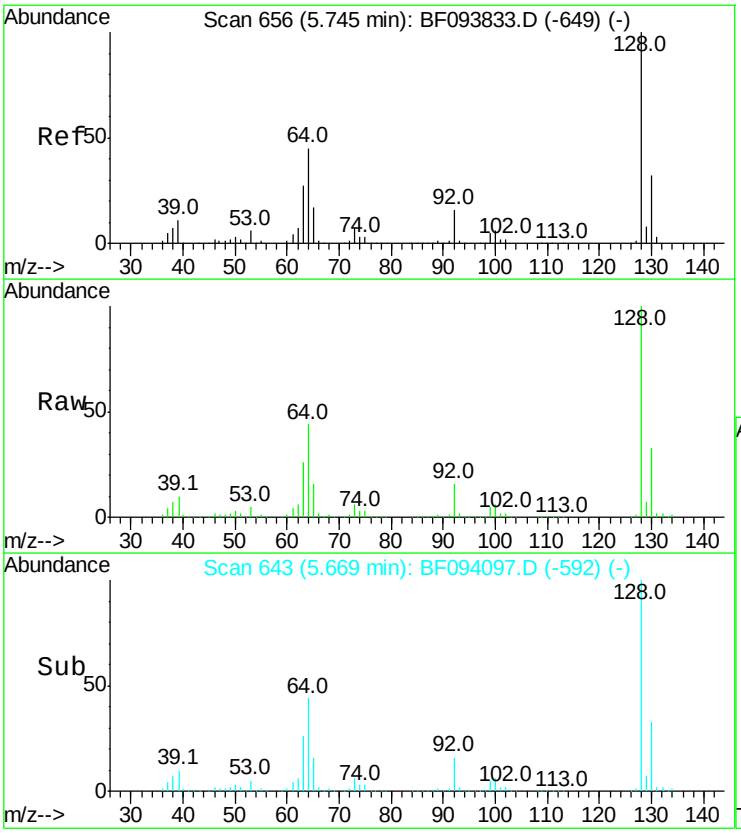

#7
Phenol-d6
Concen: 142.27 ng
RT: 5.52 min Scan# 617
Delta R.T. 0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion: 99 Resp: 1836501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.7 | 13.5 | 20.3 |
| 71 | 33.7 | 24.5 | 36.7 |

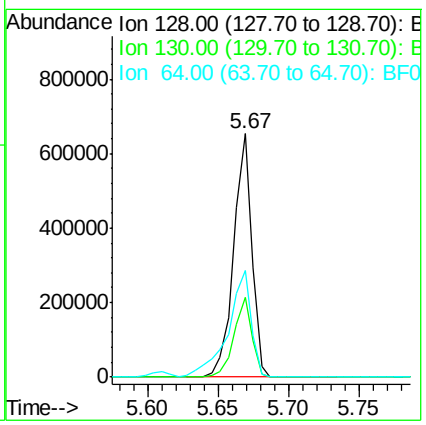


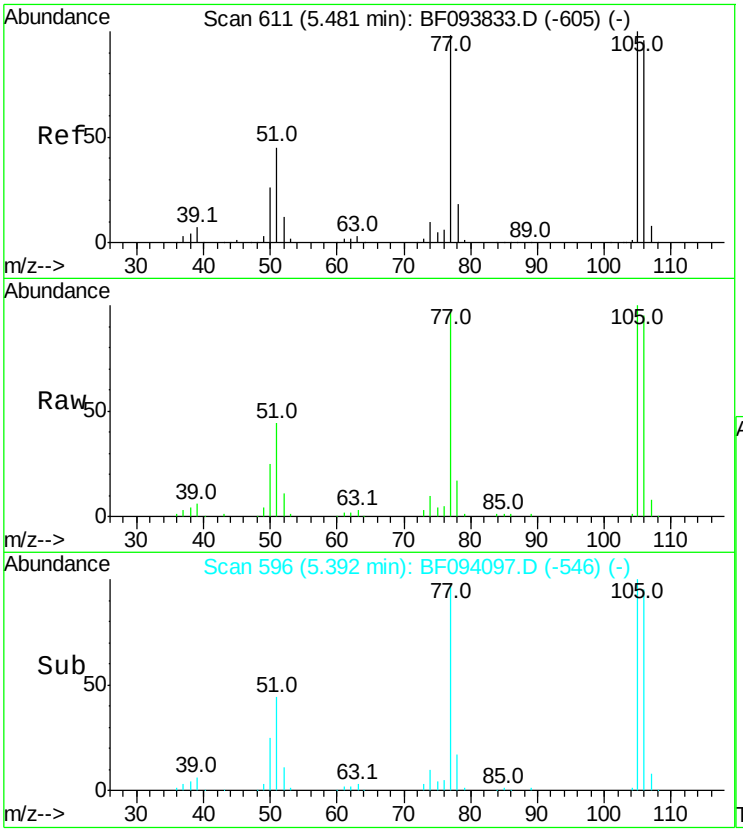




#8
2-Chlorophenol
Concen: 51.15 ng
RT: 5.67 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:128 Resp: 586665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.0 | 12.9 | 52.9 |
| 64 | 43.8 | 28.4 | 68.4 |



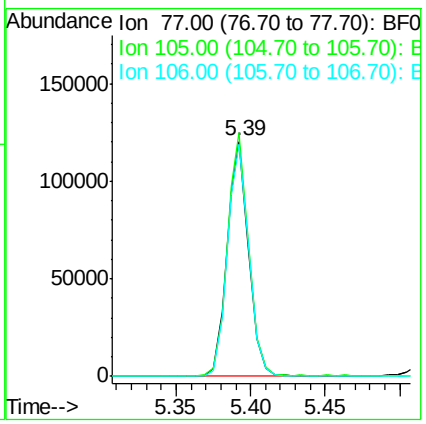


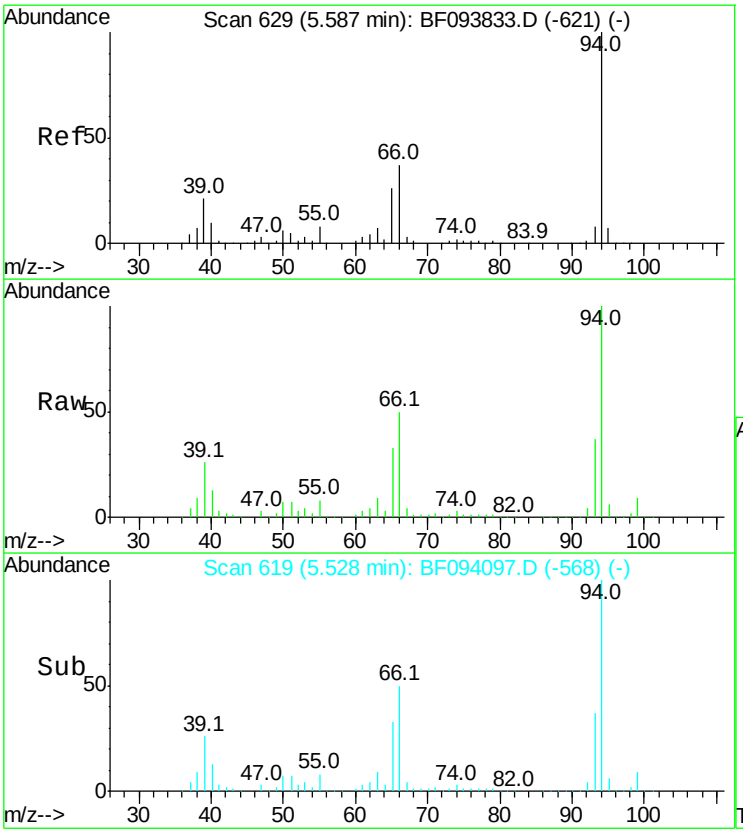

#9
Benzaldehyde
Concen: 13.97 ng
RT: 5.39 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion: 77 Resp: 121742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 103.5 | 83.8 | 123.8 |
| 106 | 98.6 | 79.1 | 119.1 |

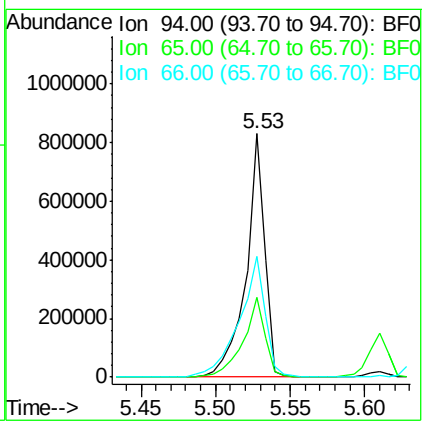


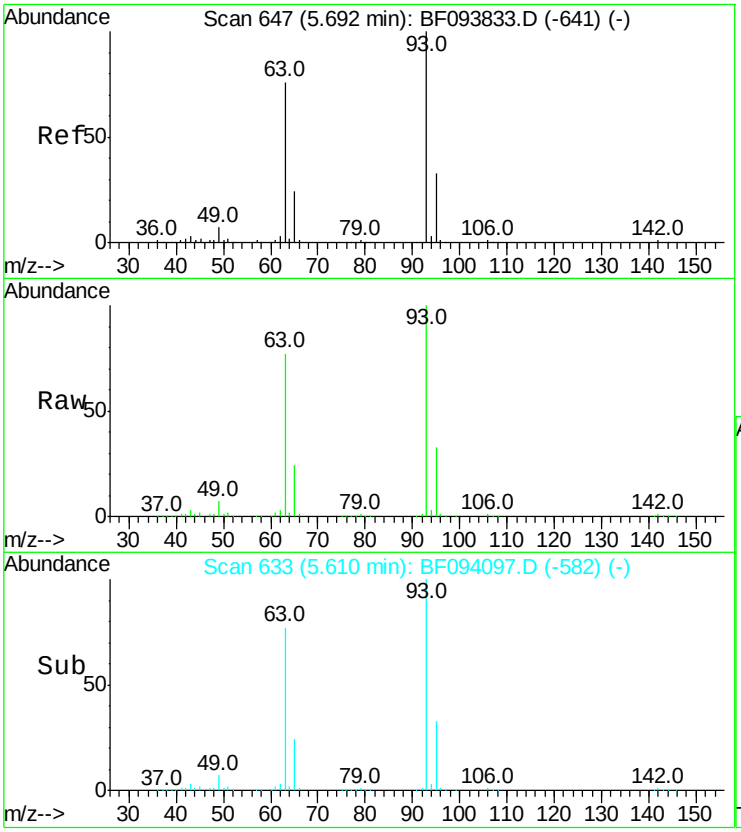




#10
Phenol
Concen: 48.56 ng
RT: 5.53 min Scan# 619
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion: 94 Resp: 713357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 32.6 | 9.9 | 49.9 |
| 66 | 49.6 | 23.1 | 63.1 |



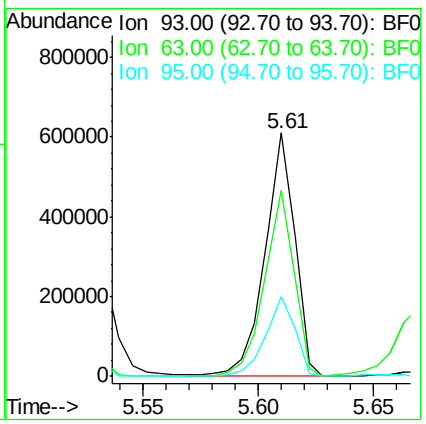


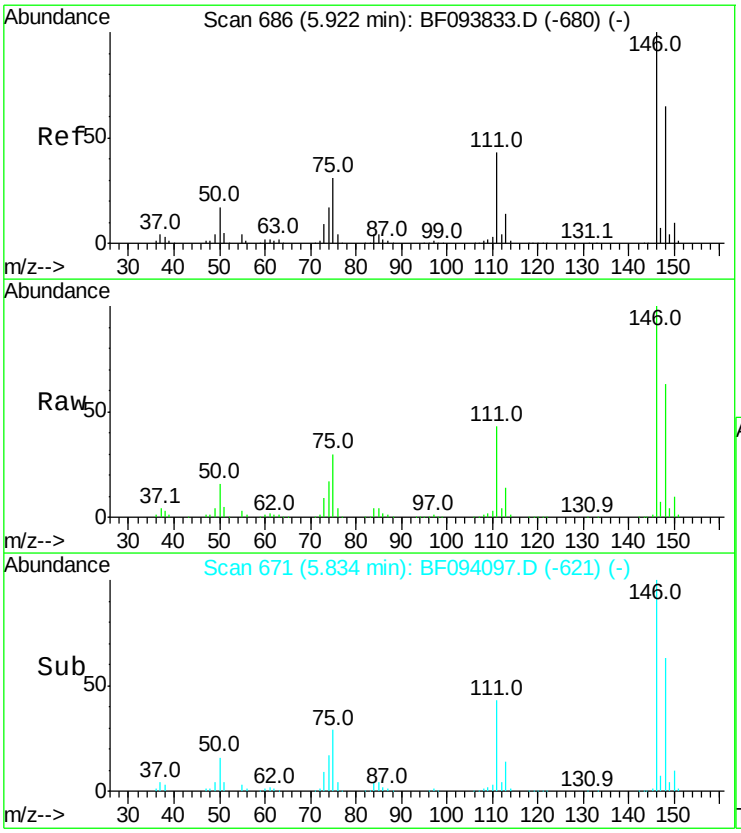

#11
bis(2-Chloroethyl)ether
Concen: 47.75 ng
RT: 5.61 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion: 93 Resp: 548149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 76.6 | 59.2 | 99.2 |
| 95 | 32.6 | 12.8 | 52.8 |

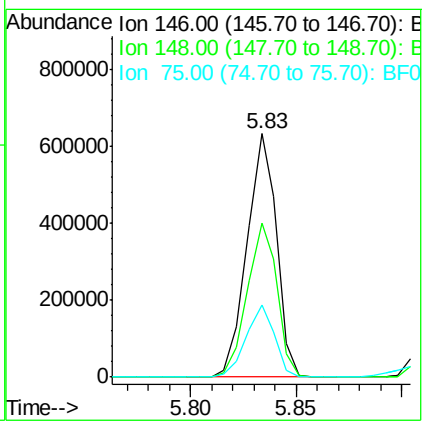


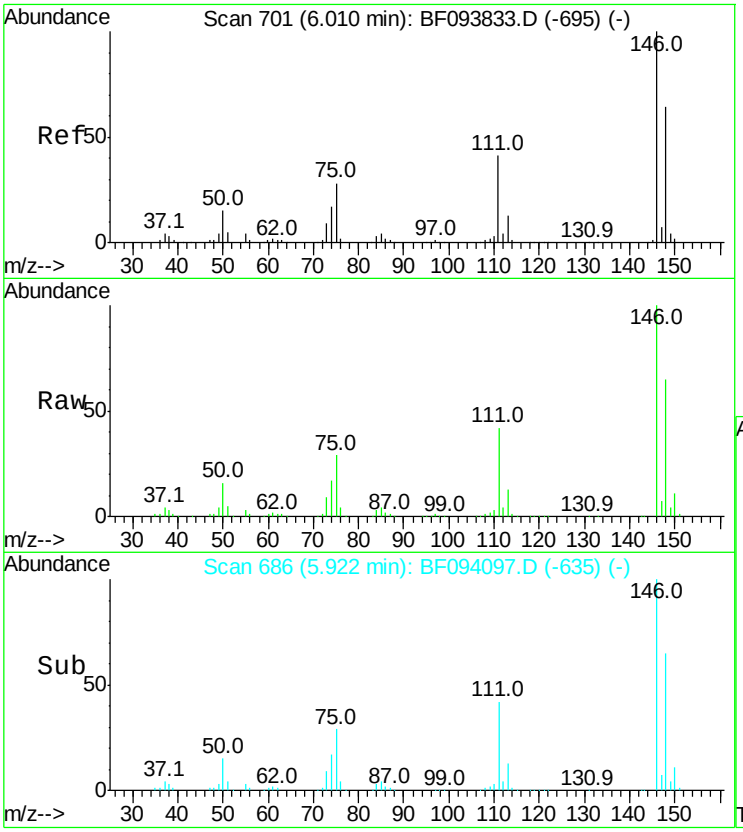




#12
1,3-Dichlorobenzene
Concen: 47.79 ng
RT: 5.83 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:146 Resp: 614821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.1 | 51.8 | 77.6 |
| 75 | 29.5 | 23.1 | 34.7 |



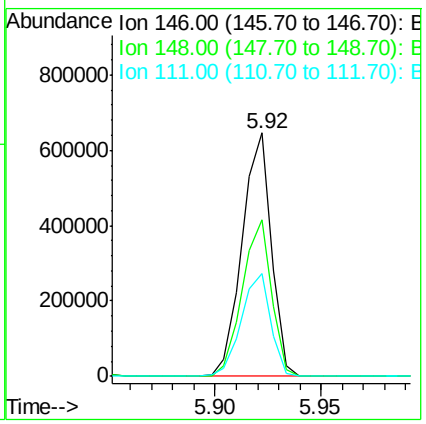


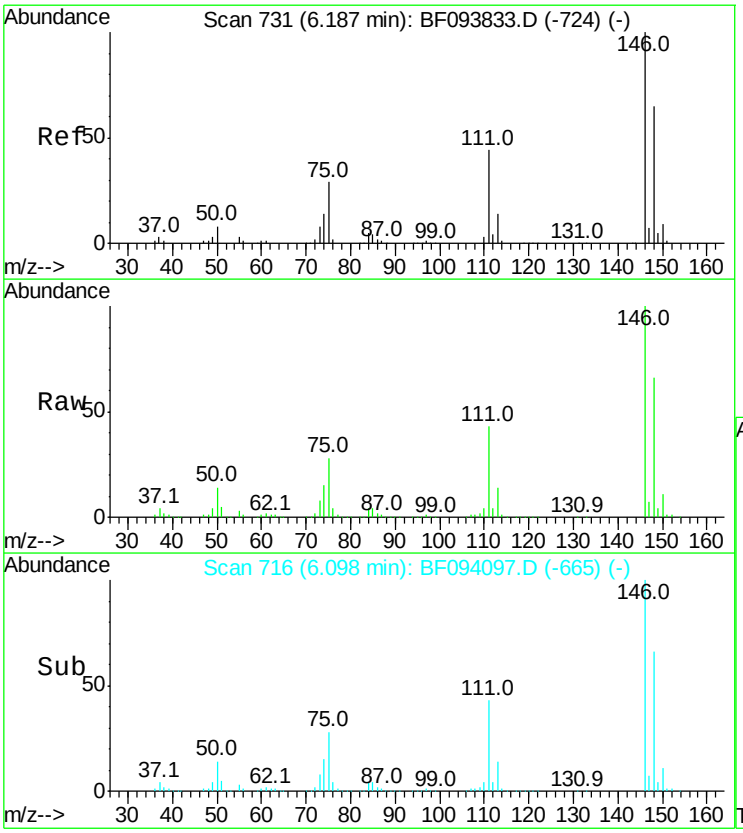

#13
1,4-Dichlorobenzene
Concen: 47.63 ng
RT: 5.92 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:146 Resp: 620633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.5 | 52.2 | 78.2 |
| 111 | 42.1 | 30.3 | 45.5 |

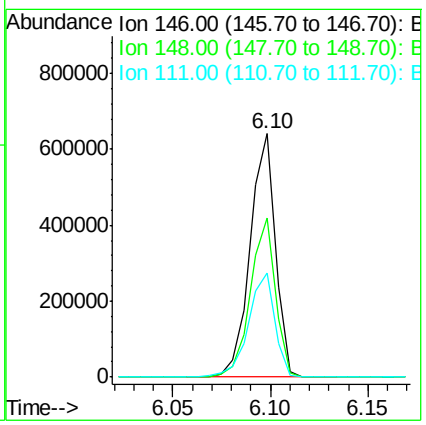


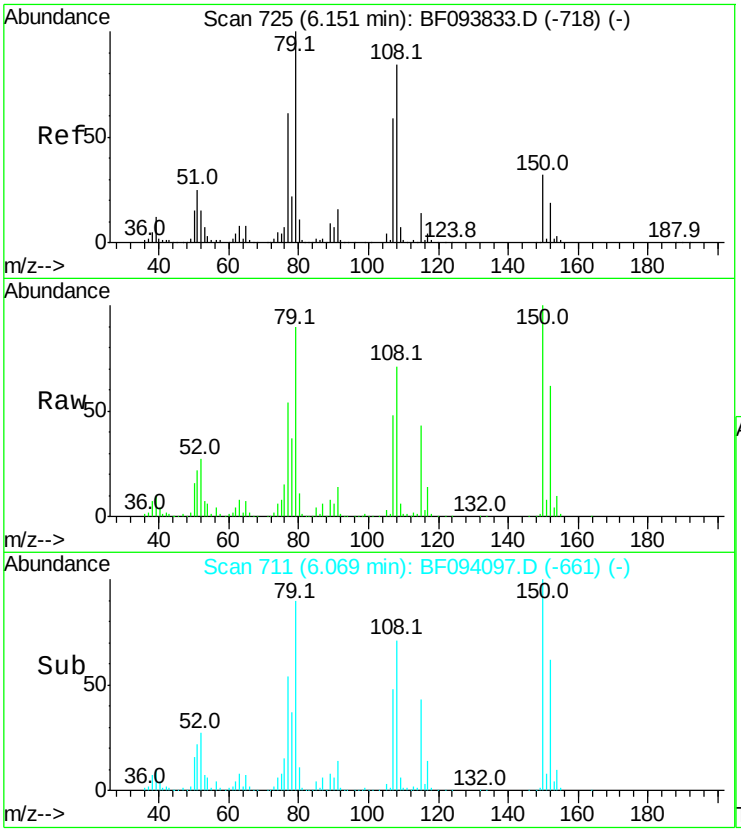




#14
1,2-Dichlorobenzene
Concen: 47.89 ng
RT: 6.10 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:146 Resp: 574695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.6 | 50.4 | 75.6 |
| 111 | 42.8 | 38.2 | 57.4 |



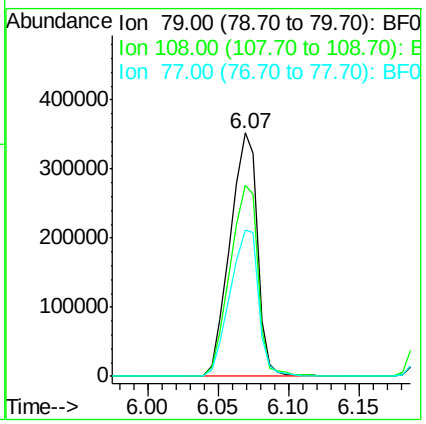


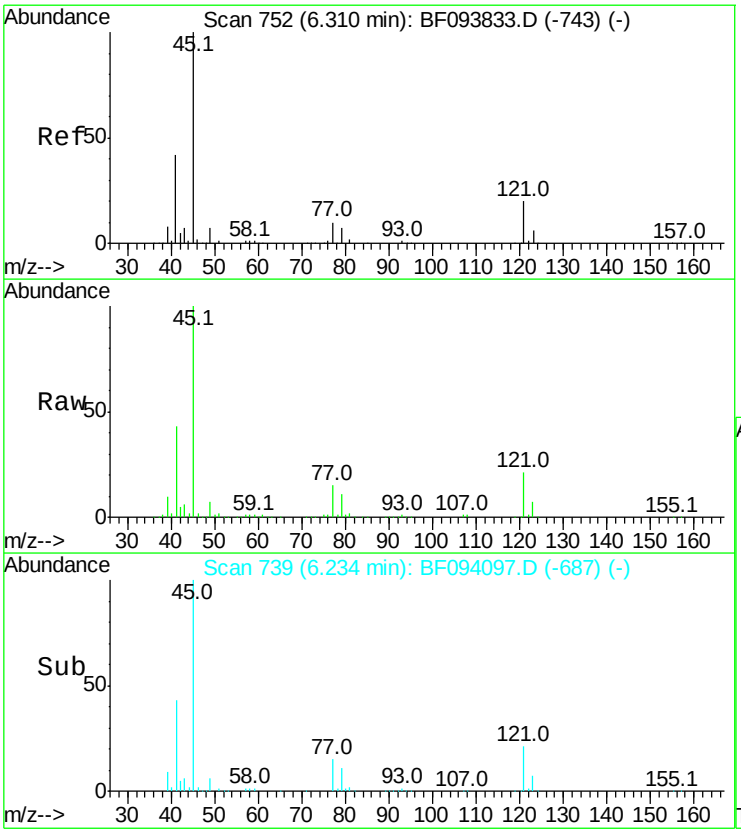

#15
Benzyl Alcohol
Concen: 50.45 ng
RT: 6.07 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion: 79 Resp: 476697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 78.5 | 63.4 | 95.0 |
| 77 | 60.2 | 49.2 | 73.8 |

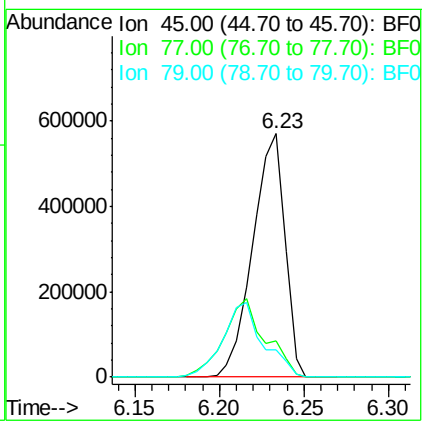


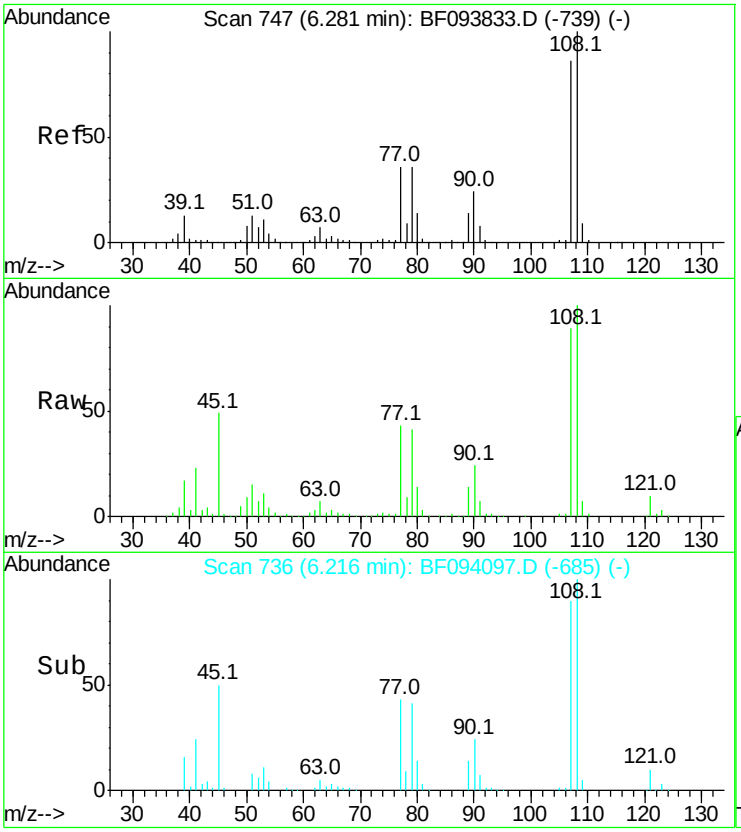




#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.67 ng
RT: 6.23 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion: 45 Resp: 754817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 14.7 | 0.0 | 33.2 |
| 79 | 11.4 | 0.0 | 30.0 |



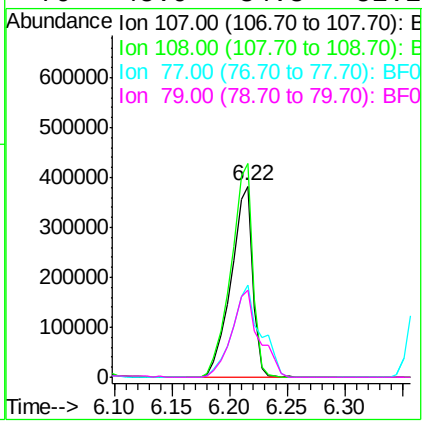


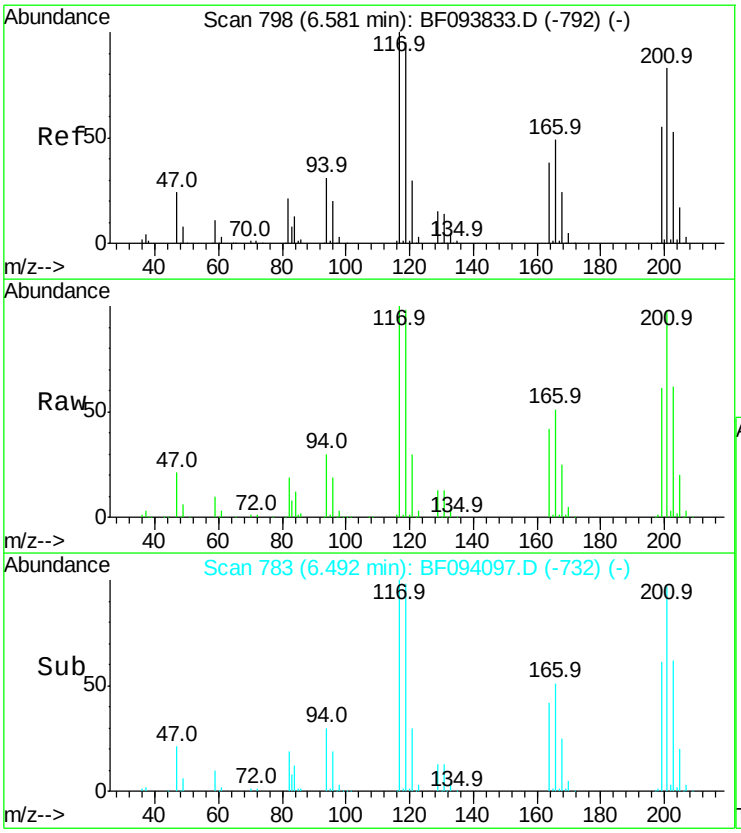

#17
2-Methylphenol
Concen: 50.59 ng
RT: 6.22 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:107 Resp: 496940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 111.9 | 93.4 | 140.0 |
| 77 | 48.4 | 35.8 | 53.6 |
| 79 | 45.9 | 34.8 | 52.2 |

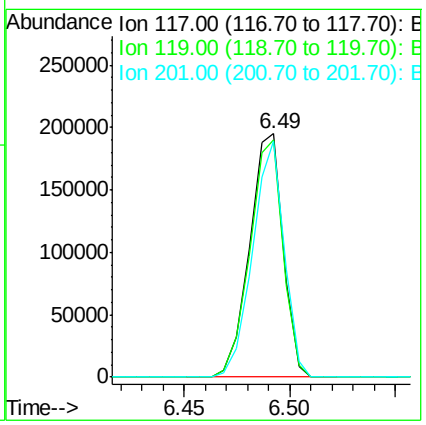


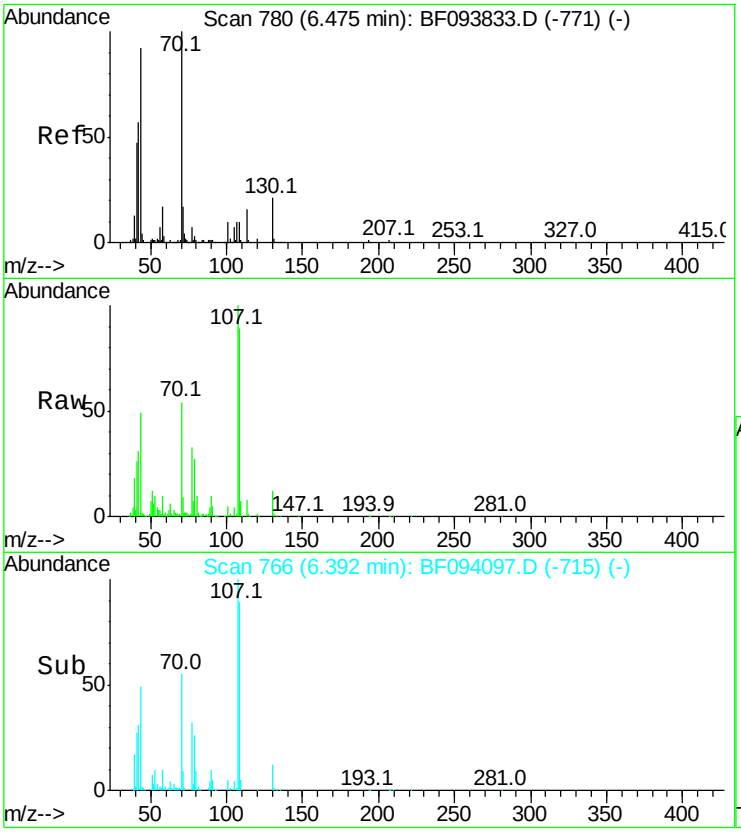




#18
Hexachloroethane
Concen: 46.91 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:117 Resp: 214863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.7 | 77.4 | 116.0 |
| 201 | 96.8 | 94.6 | 141.8 |



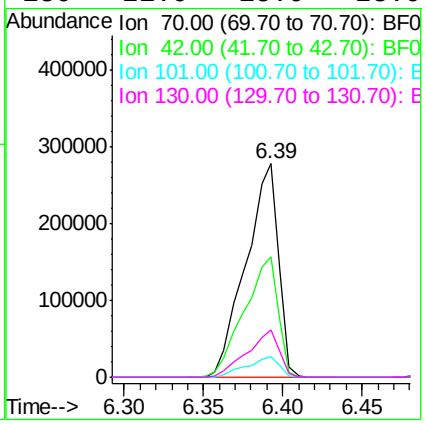


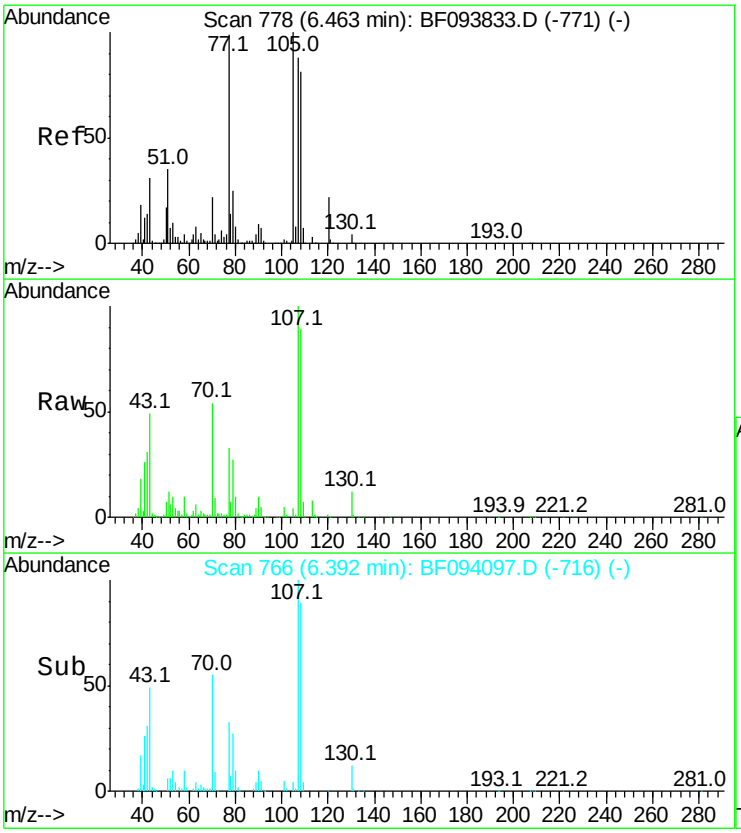

#19
n-Nitroso-di-n-propylamine
Concen: 48.09 ng
RT: 6.39 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion: 70 Resp: 398972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 56.4 | 47.2 | 70.8 |
| 101 | 9.6 | 7.2 | 10.8 |
| 130 | 21.9 | 15.9 | 23.9 |

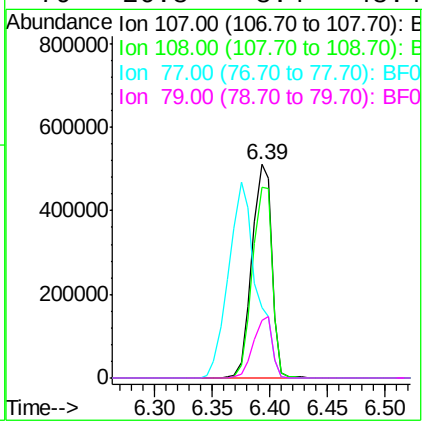


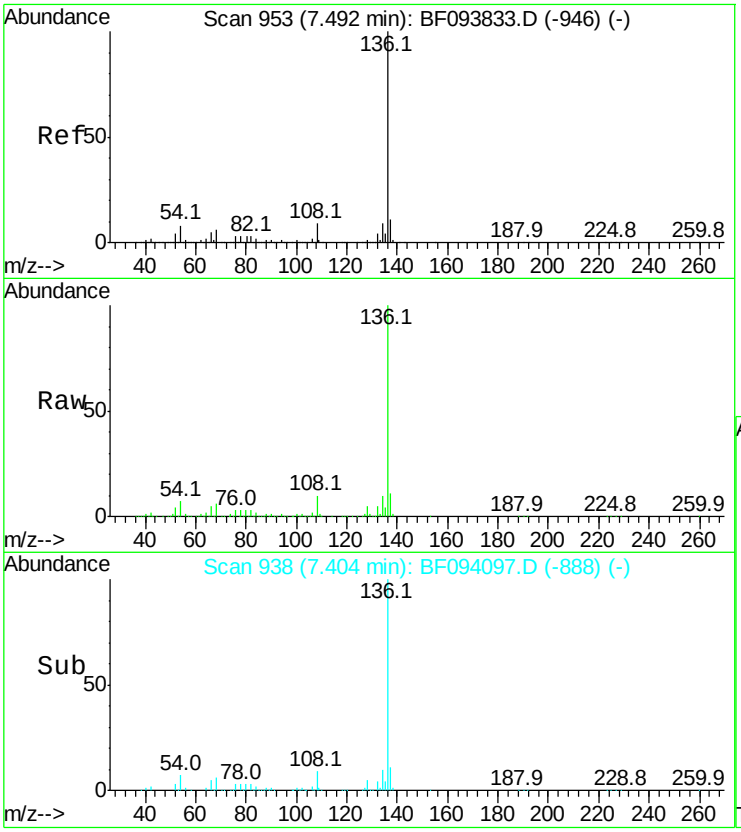




#20
3+4-Methylphenols
Concen: 51.92 ng
RT: 6.39 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:107 Resp: 617691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 89.3 | 71.0 | 111.0 |
| 77 | 33.0 | 90.5 | 130.5# |
| 79 | 26.8 | 8.4 | 48.4 |



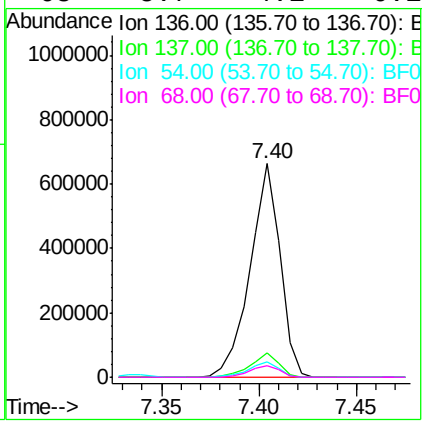


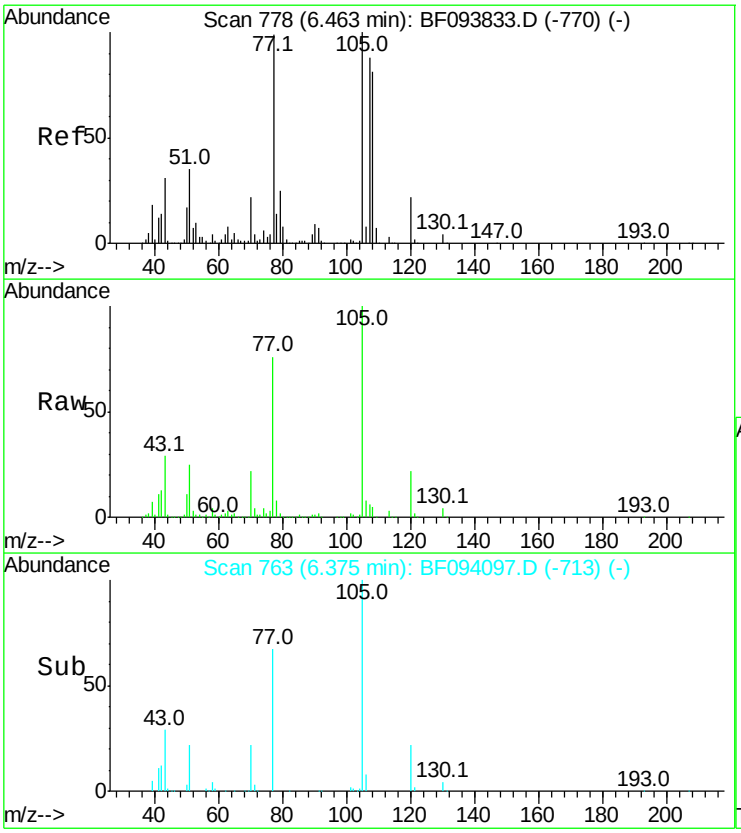

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.40 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:136 Resp: 703823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 8.5 | 12.7 |
| 54 | 7.4 | 4.9 | 7.3# |
| 68 | 5.7 | 4.1 | 6.1 |

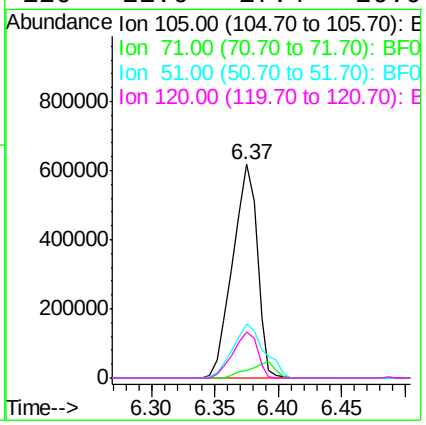


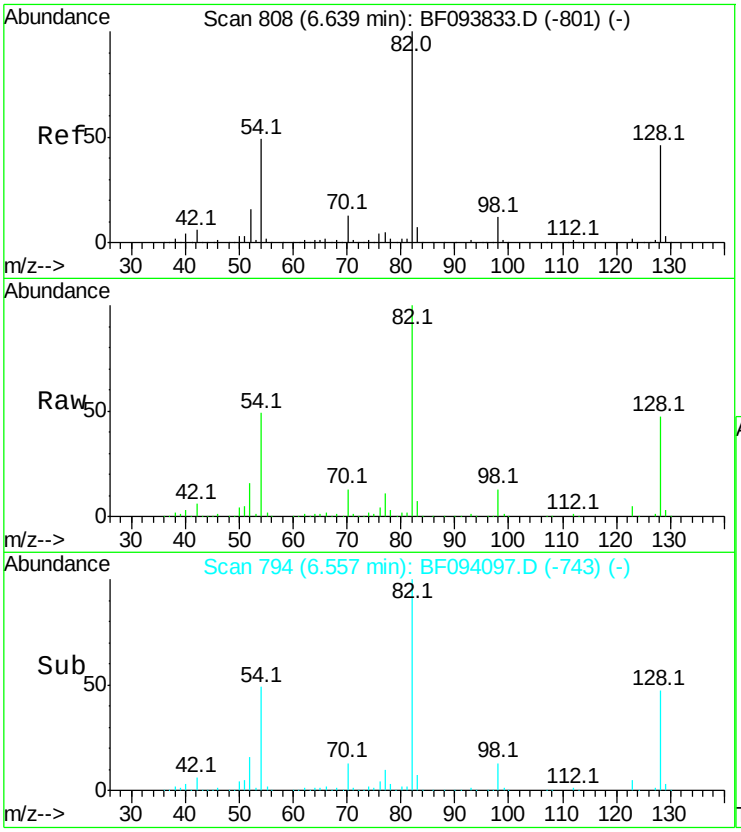




#22
Acetophenone
Concen: 52.85 ng
RT: 6.37 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:105 Resp: 829090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 3.7 | 2.8 | 4.2 |
| 51 | 25.4 | 30.7 | 46.1# |
| 120 | 21.6 | 17.4 | 26.0 |



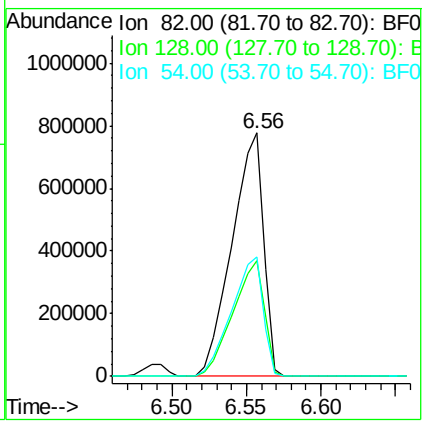


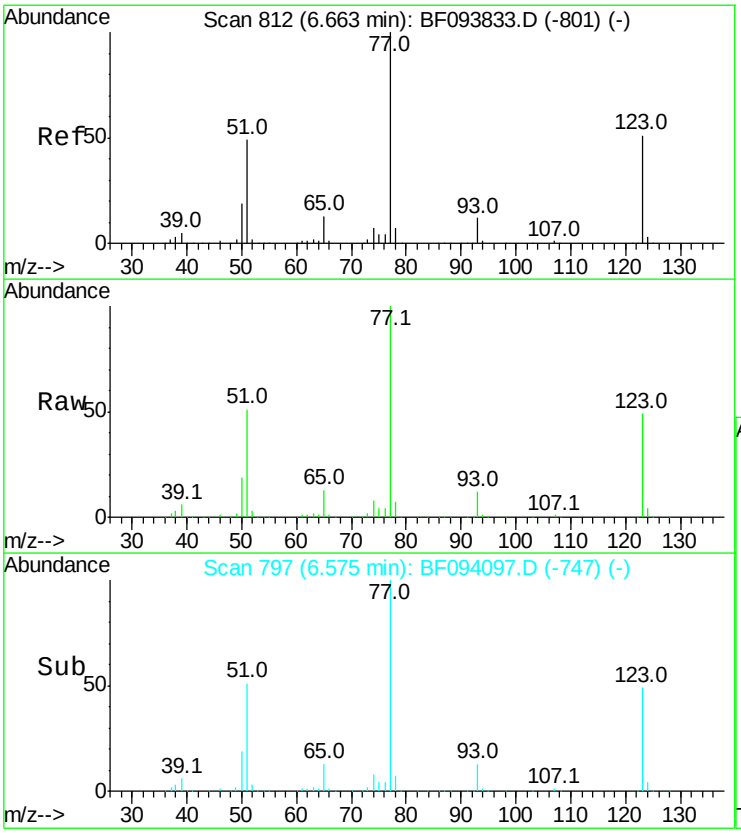

#23
Nitrobenzene-d5
Concen: 93.11 ng
RT: 6.56 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion: 82 Resp: 1148311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 47.4 | 34.0 | 51.0 |
| 54 | 49.1 | 42.2 | 63.2 |

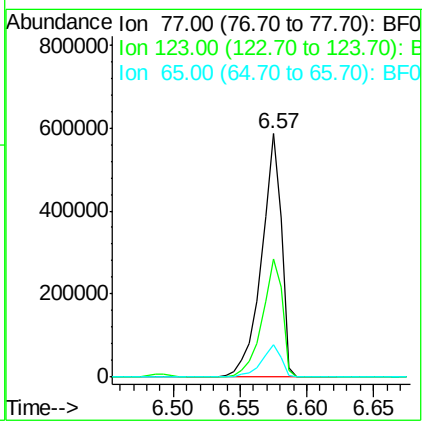


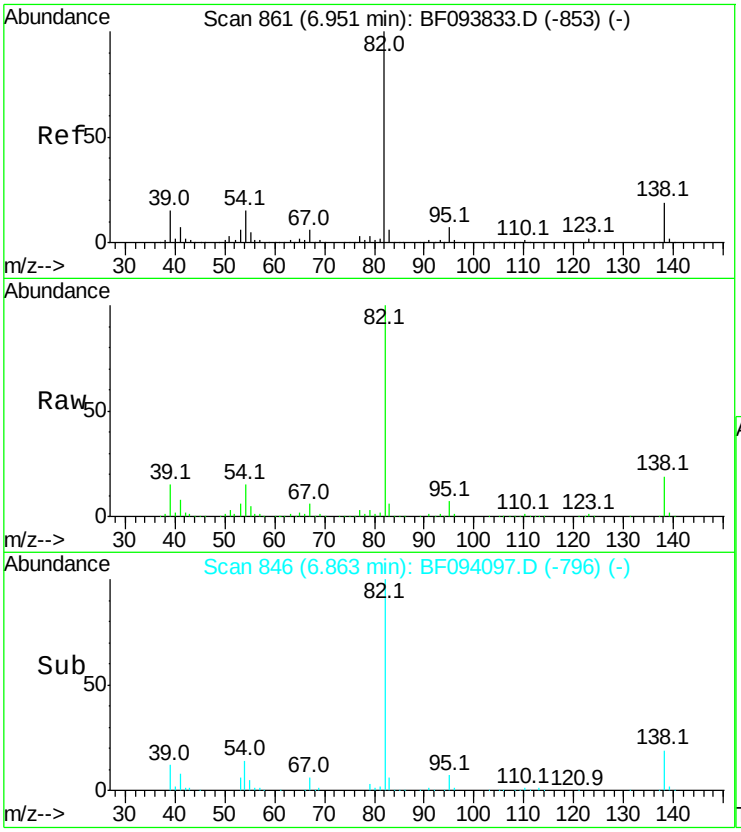




#24
Nitrobenzene
Concen: 49.45 ng
RT: 6.57 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion: 77 Resp: 601524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 48.5 | 35.8 | 53.8 |
| 65 | 13.4 | 10.6 | 15.8 |



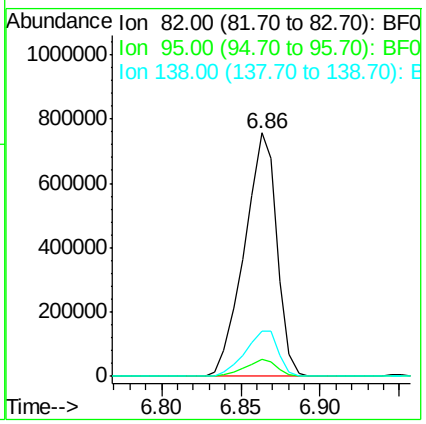


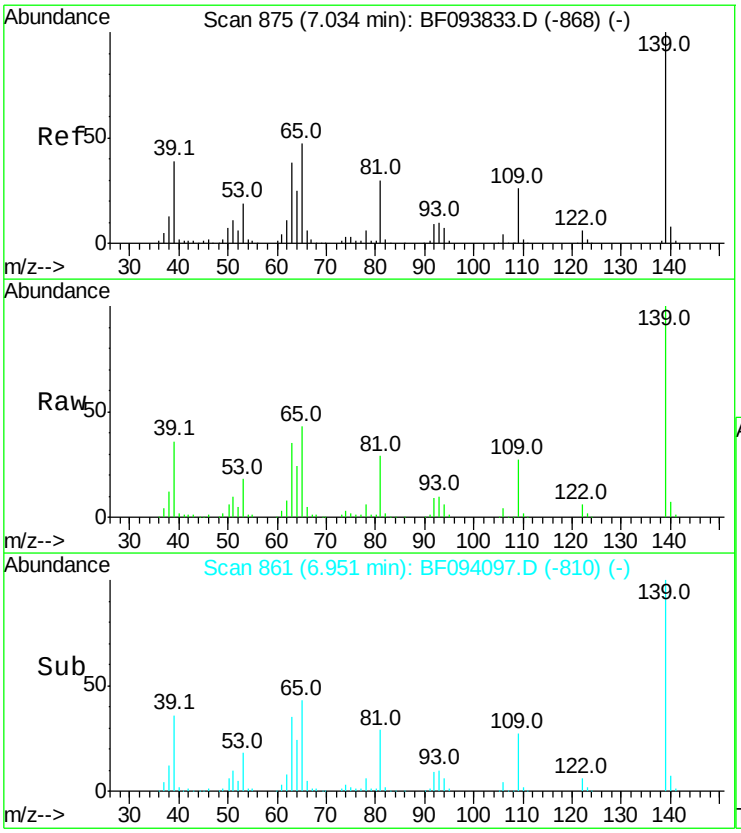

#25
Isophorone
Concen: 49.68 ng
RT: 6.86 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion: 82 Resp: 1076605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.0 | 5.3 | 7.9 |
| 138 | 18.6 | 13.1 | 19.7 |

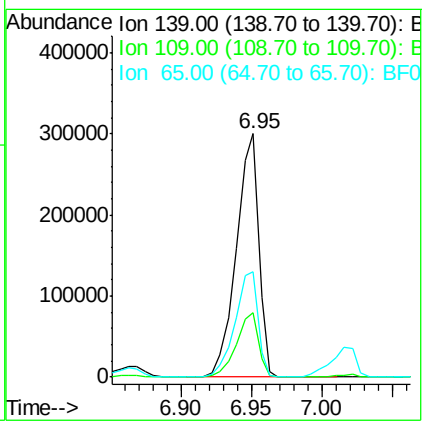


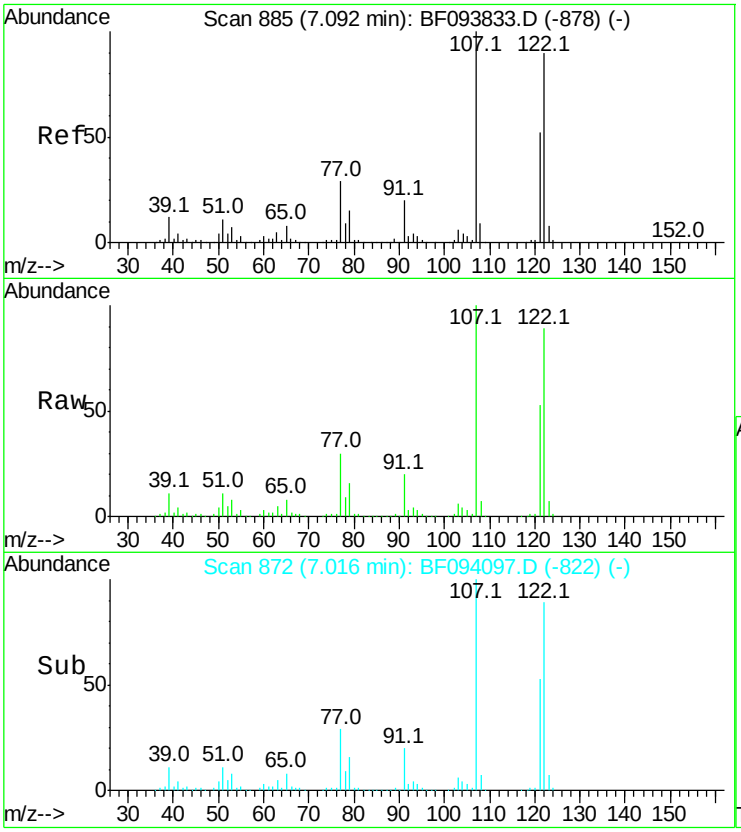




#26
2-Nitrophenol
Concen: 57.15 ng
RT: 6.95 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:139 Resp: 331489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 26.6 | 21.0 | 31.6 |
| 65 | 43.2 | 33.0 | 49.6 |



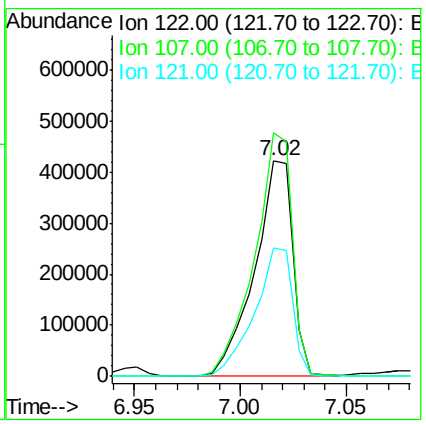


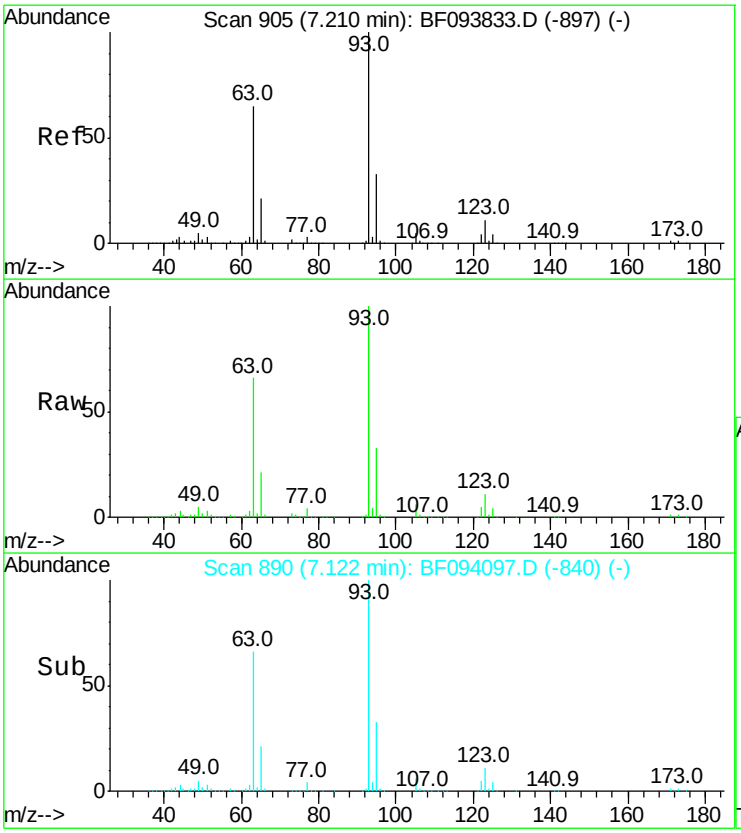

#27
2,4-Dimethylphenol
Concen: 53.25 ng
RT: 7.02 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:122 Resp: 532261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 112.7 | 89.2 | 133.8 |
| 121 | 59.5 | 45.2 | 67.8 |

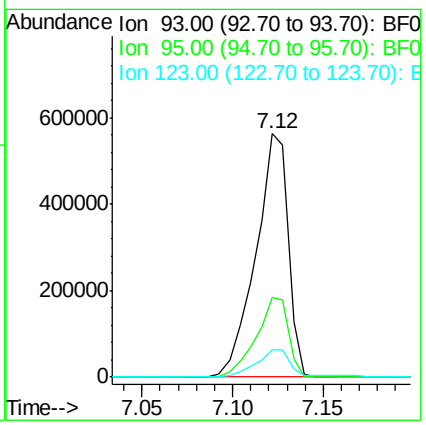


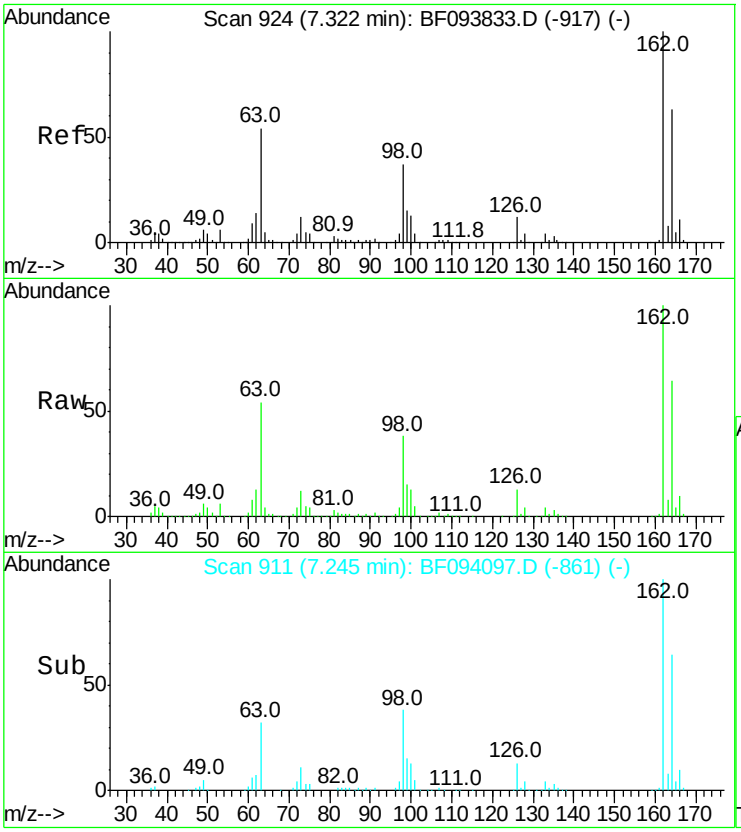




#28
bis(2-Chloroethoxy)methane
Concen: 48.88 ng
RT: 7.12 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion: 93 Resp: 698496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.0 | 26.5 | 39.7 |
| 123 | 11.4 | 9.0 | 13.4 |



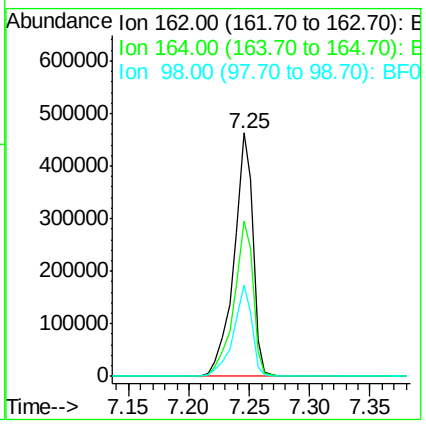


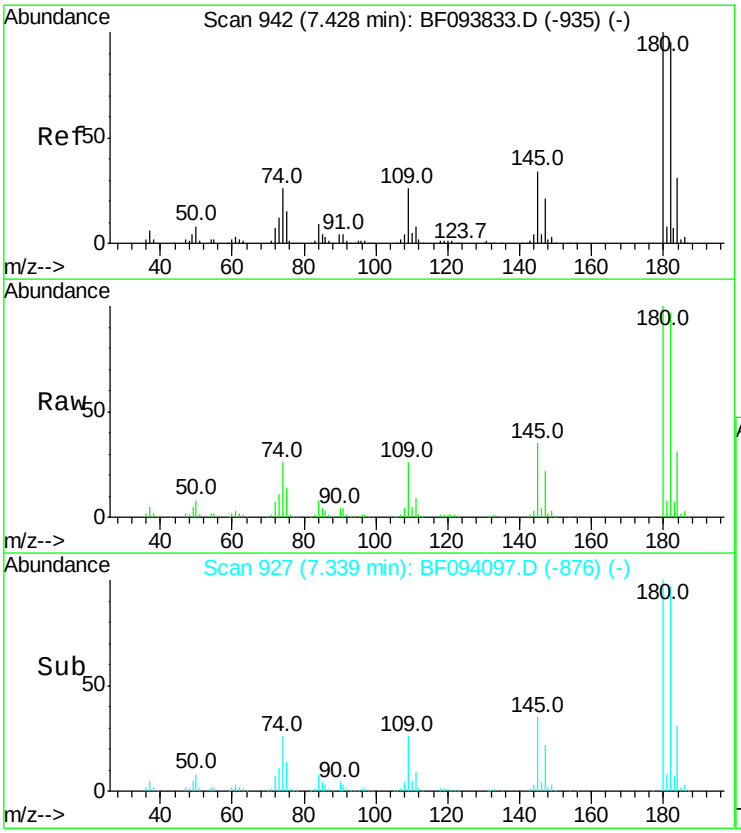

#29
2,4-Dichlorophenol
Concen: 54.55 ng
RT: 7.25 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:162 Resp: 509804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.5 | 44.6 | 84.6 |
| 98 | 37.7 | 14.8 | 54.8 |

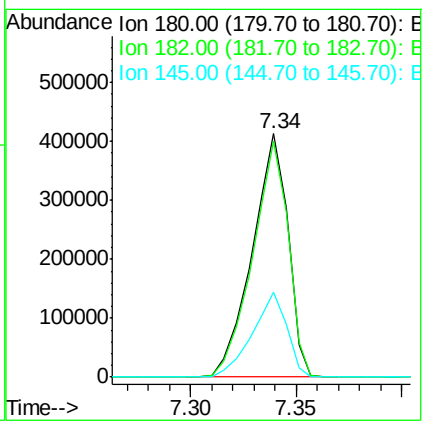


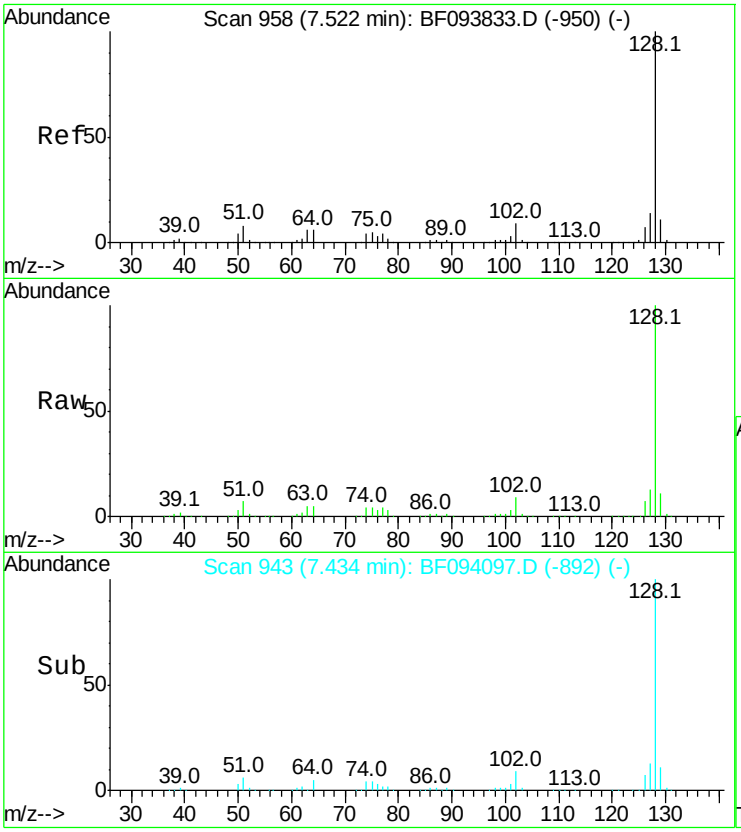

#30
1,2,4-Trichlorobenzene
Concen: 50.47 ng
RT: 7.34 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:180 Resp: 485763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.9 | 75.8 | 113.6 |
| 145 | 34.7 | 25.3 | 37.9 |



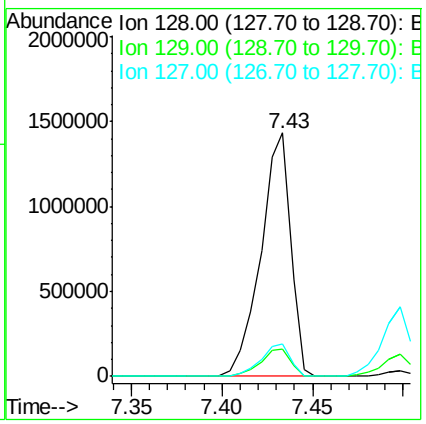
**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

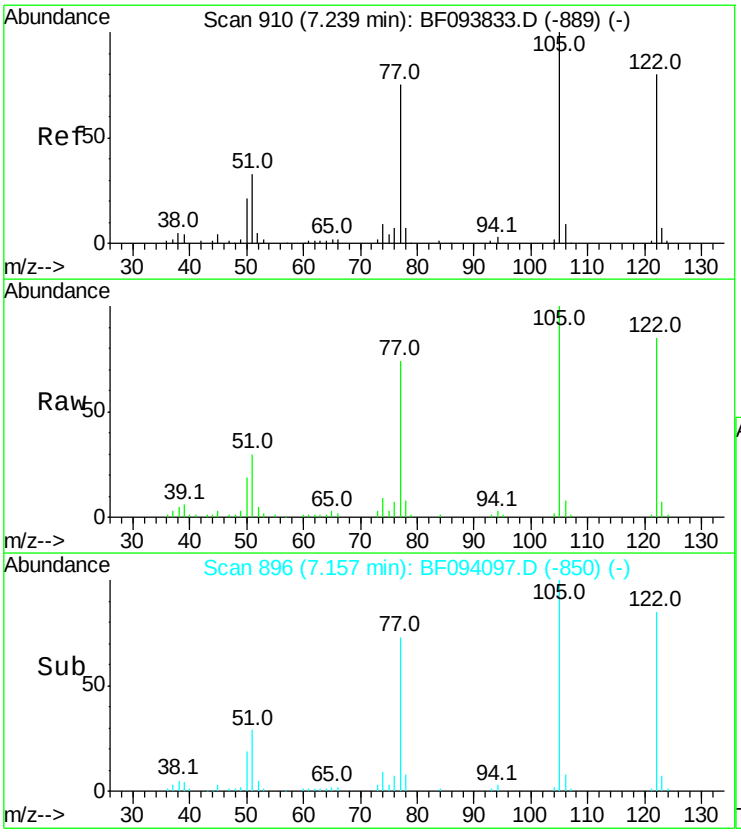



#31
Naphthalene
Concen: 48.39 ng
RT: 7.43 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:128 Resp: 1637591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 9.0 | 13.6 |
| 127 | 13.4 | 10.8 | 16.2 |

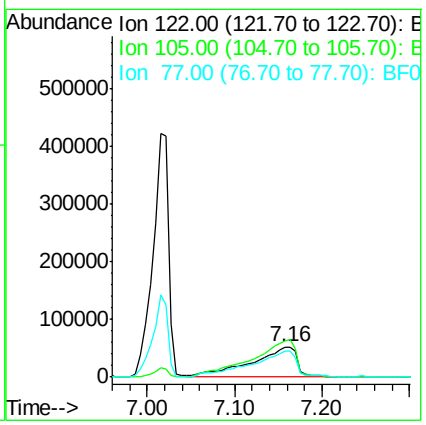


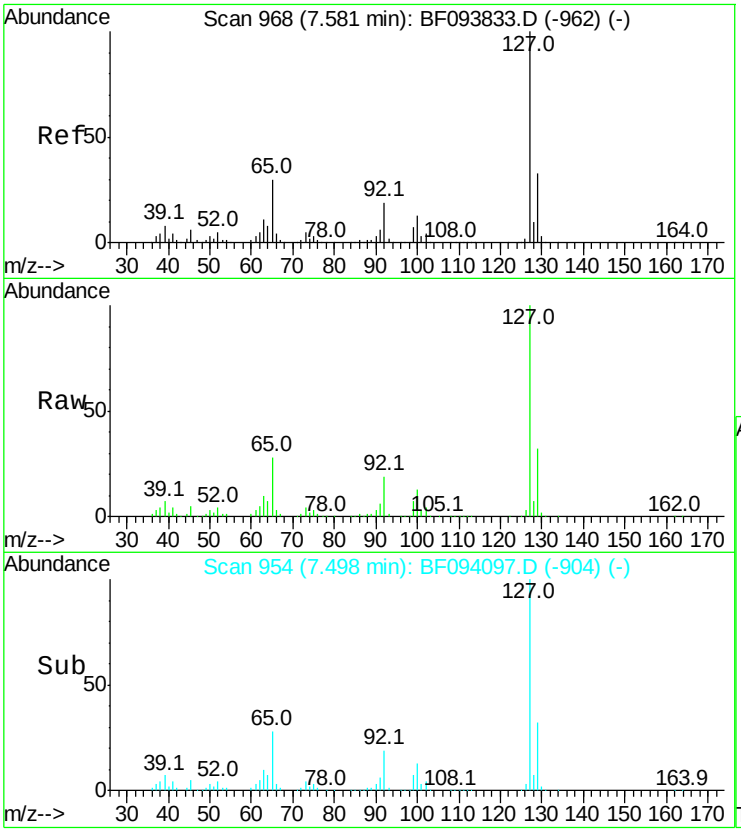




#32
Benzoic acid
Concen: 27.31 ng
RT: 7.16 min Scan# 896
Delta R.T. -0.03 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:122 Resp: 181693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 117.0 | 103.3 | 143.3 |
| 77 | 86.9 | 73.7 | 113.7 |



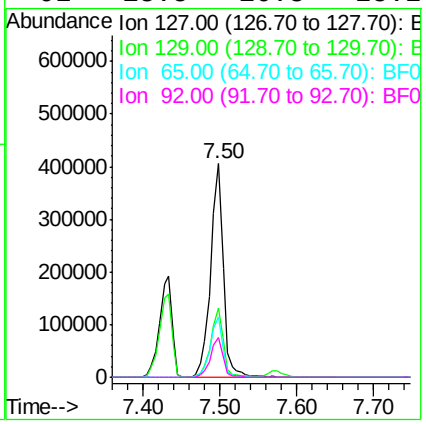


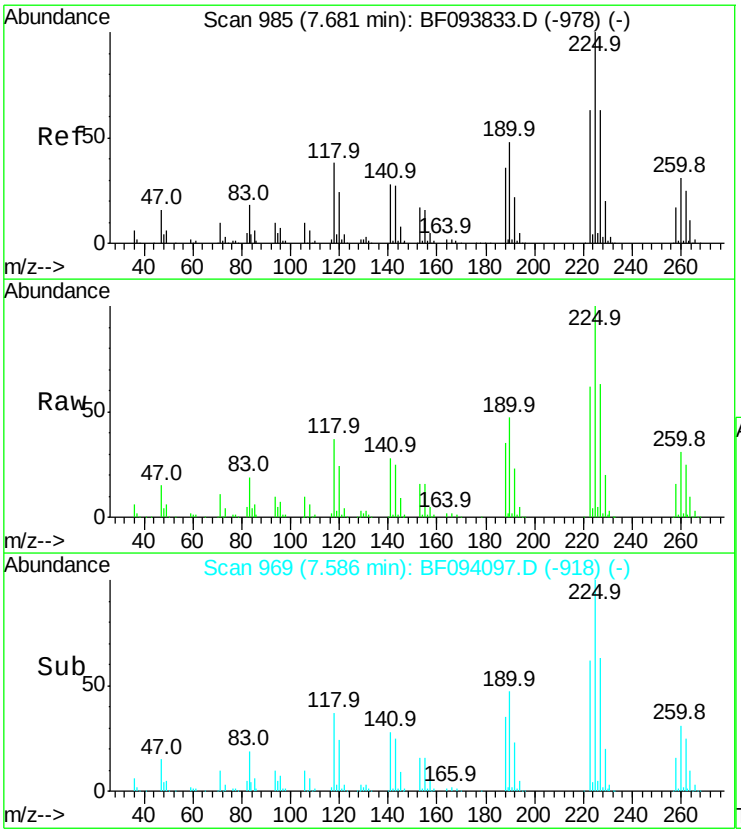

#33
4-Chloroaniline
Concen: 33.21 ng
RT: 7.50 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:127 Resp: 455582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.2 | 26.2 | 39.2 |
| 65 | 28.1 | 27.8 | 41.8 |
| 92 | 18.5 | 16.8 | 25.2 |

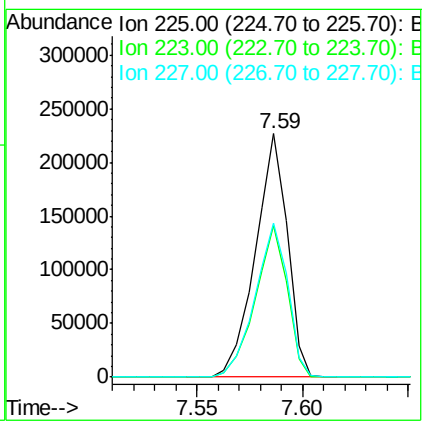


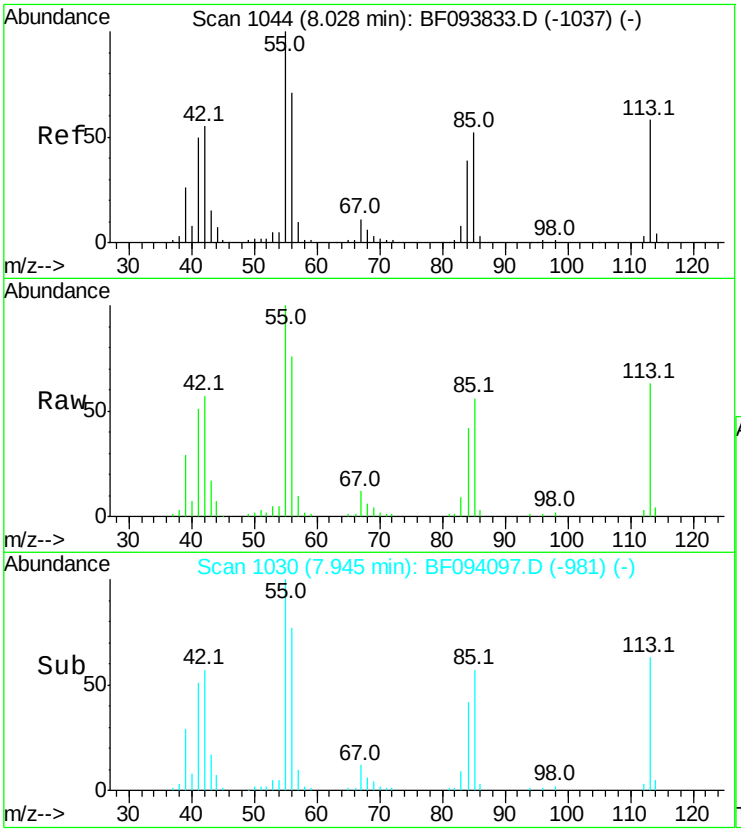




#34
Hexachlorobutadiene
Concen: 48.43 ng
RT: 7.59 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:225 Resp: 239044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.2 | 48.8 | 73.2 |
| 227 | 63.5 | 51.1 | 76.7 |



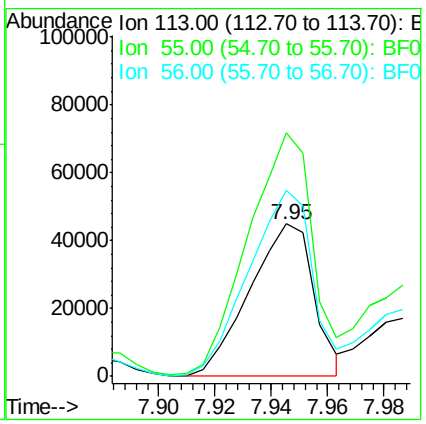


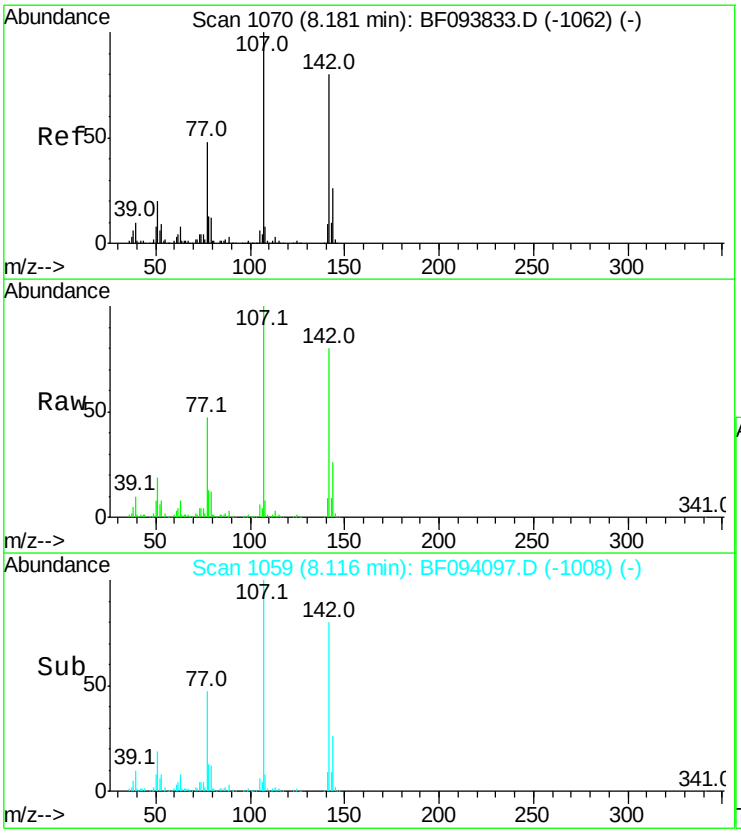

#35
Caprolactam
Concen: 23.90 ng
RT: 7.95 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:113 Resp: 71212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 159.8 | 150.2 | 190.2 |
| 56 | 122.1 | 107.8 | 147.8 |

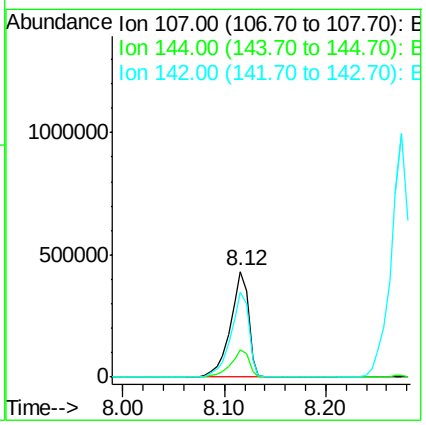


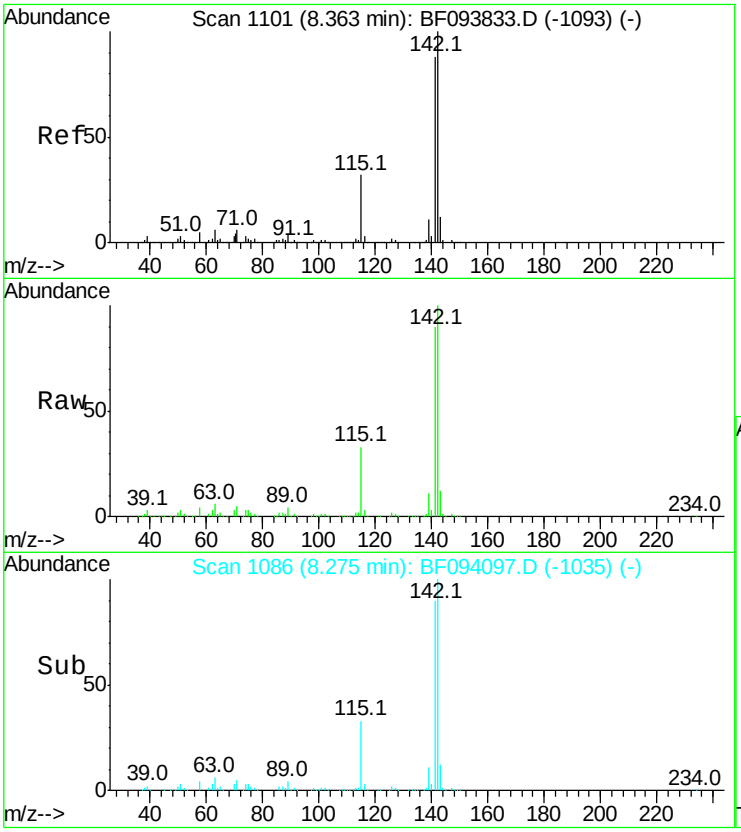




#36
4-Chloro-3-methylphenol
Concen: 54.92 ng
RT: 8.12 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:107 Resp: 536266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.6 | 24.2 | 36.4 |
| 142 | 79.6 | 73.4 | 110.0 |



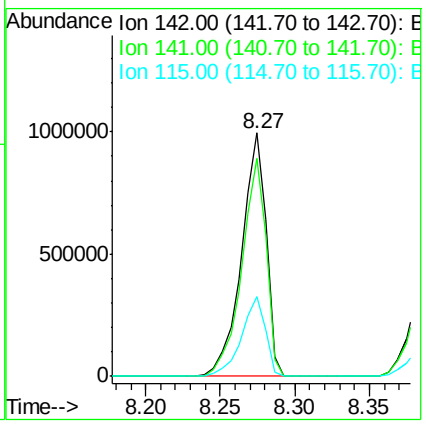


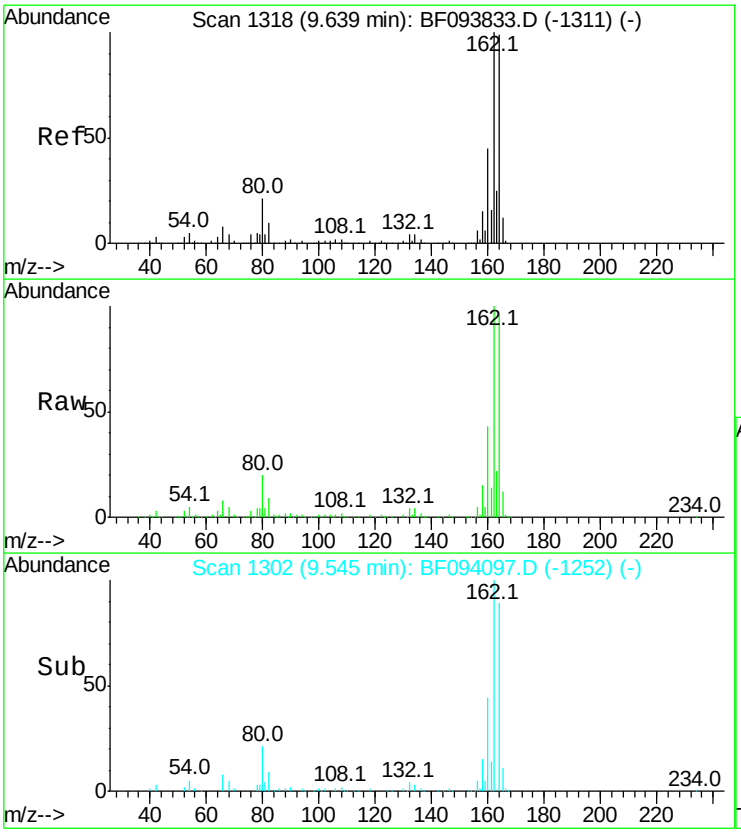

#37
2-Methylnaphthalene
Concen: 50.09 ng
RT: 8.27 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:142 Resp: 1130082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.6 | 71.3 | 106.9 |
| 115 | 32.6 | 27.1 | 40.7 |

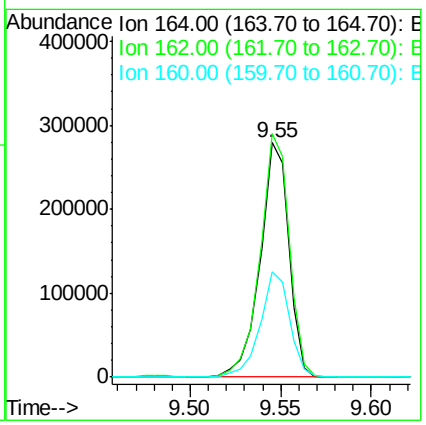


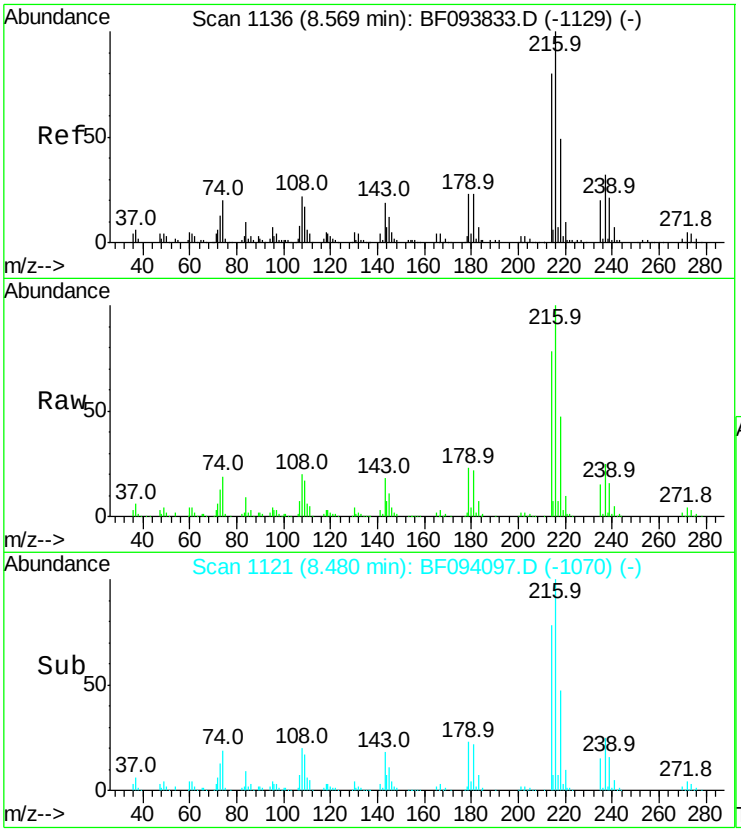




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.55 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:164 Resp: 307759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.0 | 82.6 | 123.8 |
| 160 | 44.9 | 36.2 | 54.2 |



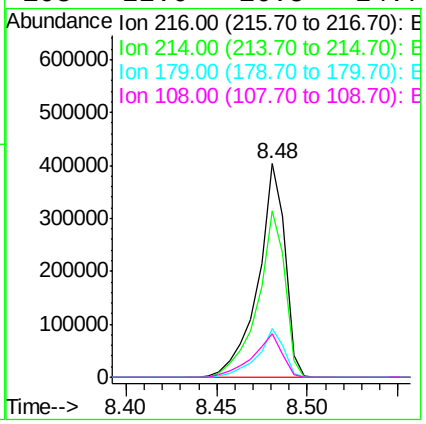


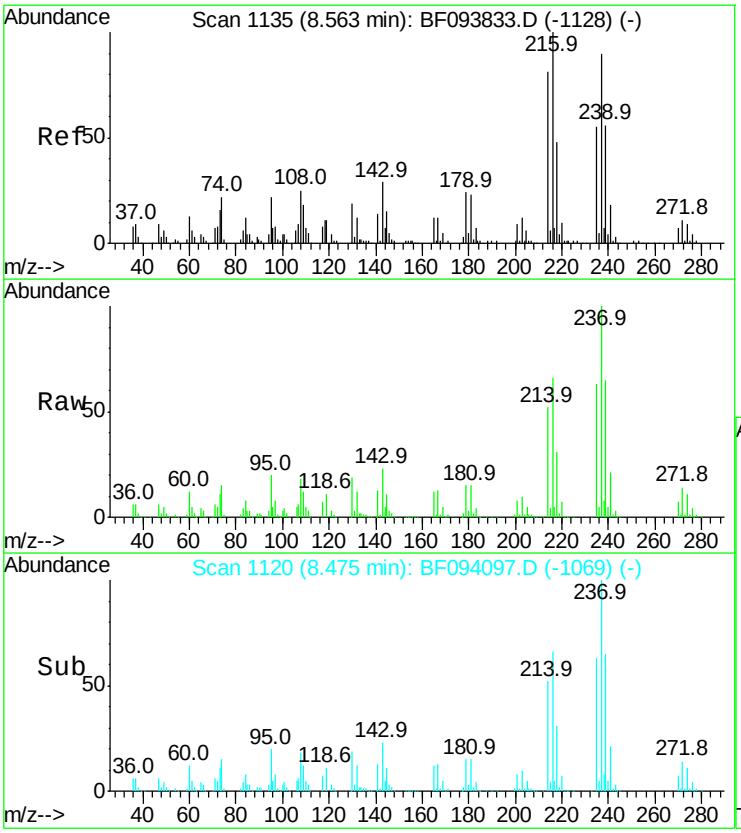

#39
1,2,4,5-Tetrachlorobenzene
Concen: 49.63 ng
RT: 8.48 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:216 Resp: 417826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.0 | 63.4 | 95.2 |
| 179 | 22.2 | 17.9 | 26.9 |
| 108 | 22.0 | 16.5 | 24.7 |

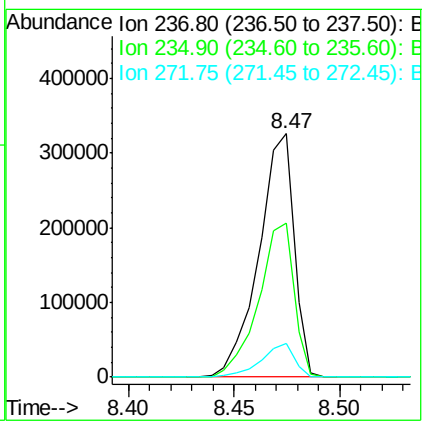


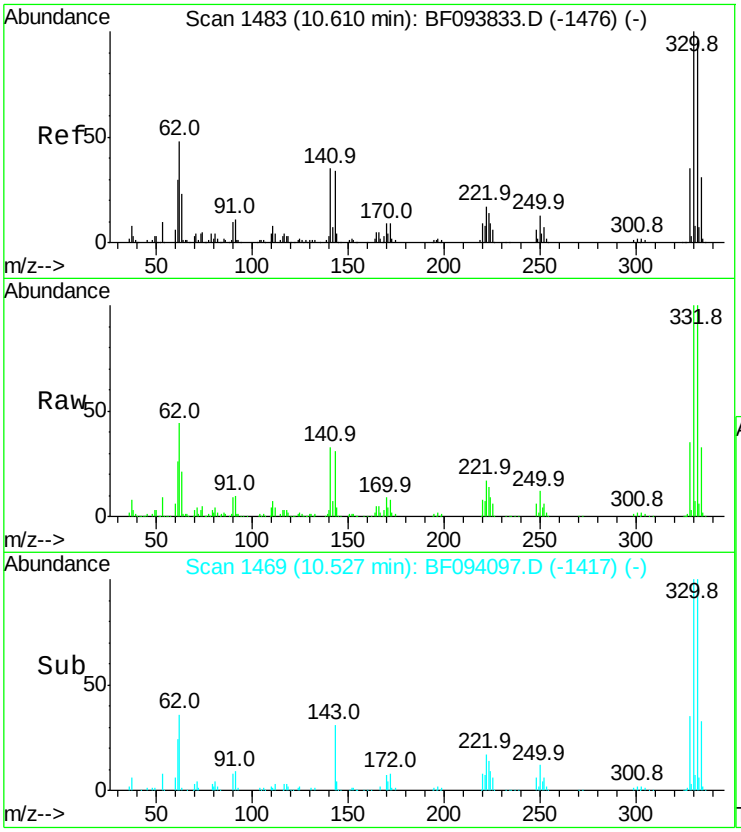




#40
Hexachlorocyclopentadiene
Concen: 96.47 ng
RT: 8.47 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:237 Resp: 380053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.1 | 42.6 | 82.6 |
| 272 | 13.7 | 0.0 | 31.9 |



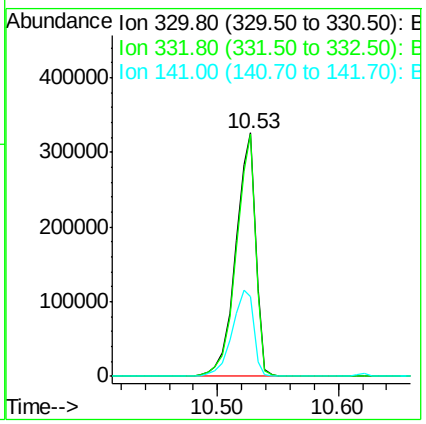


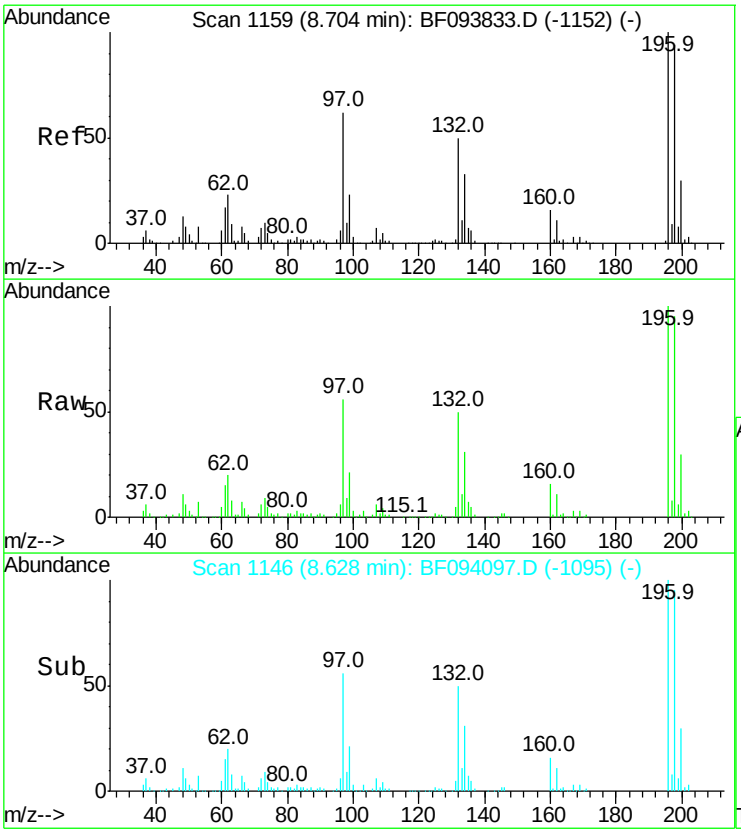

#41
2,4,6-Tribromophenol
Concen: 154.07 ng
RT: 10.53 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:330 Resp: 374685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.1 | 76.6 | 115.0 |
| 141 | 38.7 | 31.4 | 47.2 |

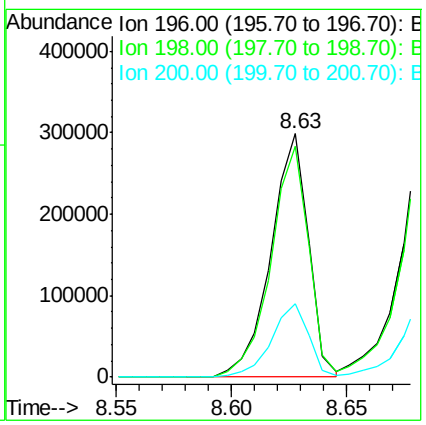


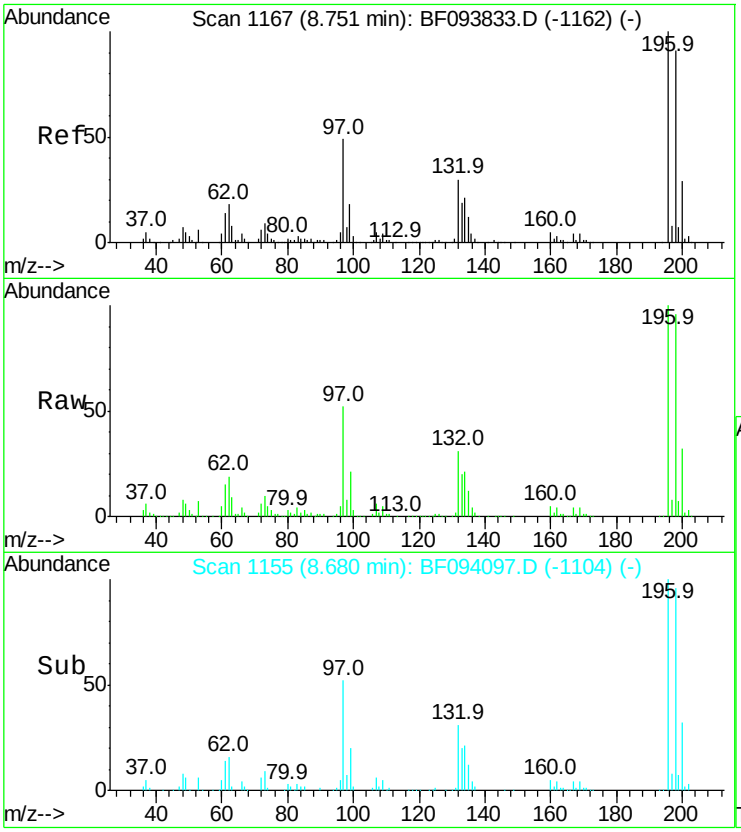




#42
2,4,6-Trichlorophenol
Concen: 56.50 ng
RT: 8.63 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:196 Resp: 336522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.9 | 74.2 | 111.4 |
| 200 | 30.1 | 24.0 | 36.0 |



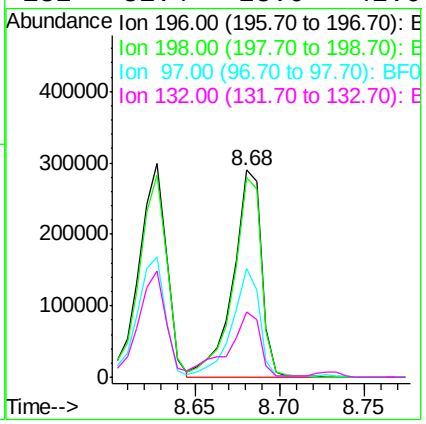


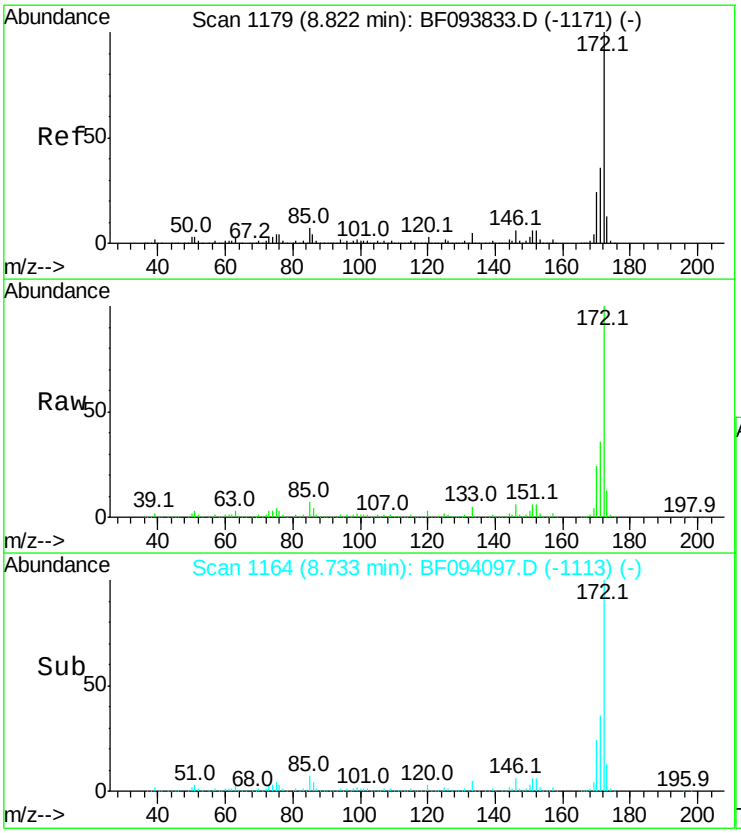

#43
2,4,5-Trichlorophenol
Concen: 52.73 ng
RT: 8.68 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:196 Resp: 339832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.5 | 75.7 | 113.5 |
| 97 | 52.4 | 47.7 | 71.5 |
| 132 | 31.4 | 28.0 | 42.0 |

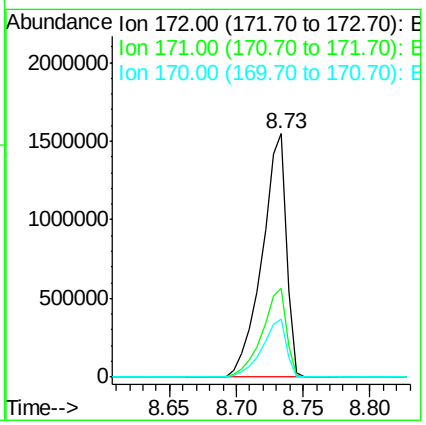


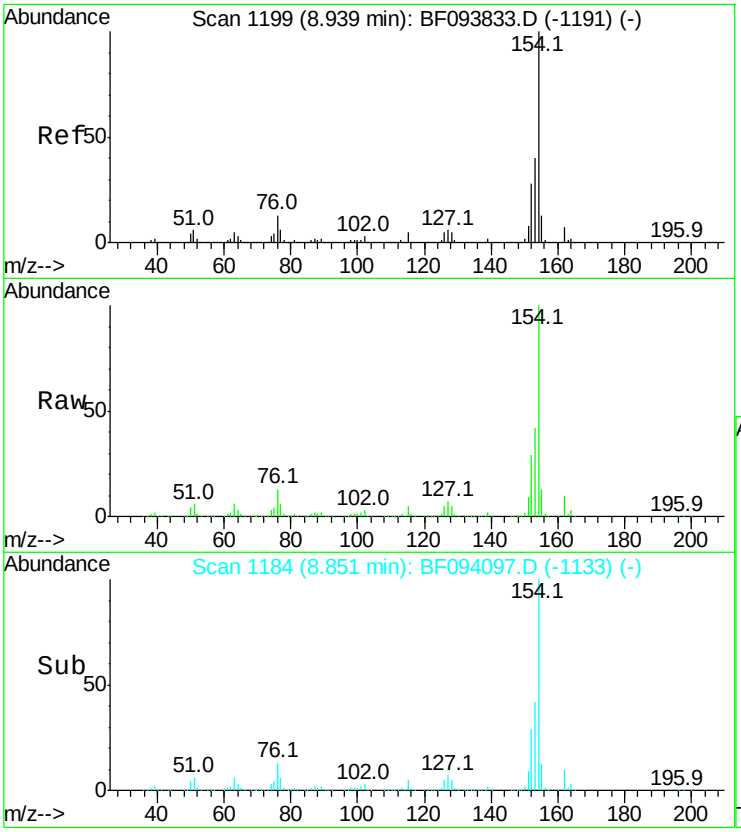




#44
2-Fluorobiphenyl
Concen: 96.66 ng
RT: 8.73 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:172 Resp: 1950370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.5 | 29.6 | 44.4 |
| 170 | 23.8 | 19.8 | 29.8 |



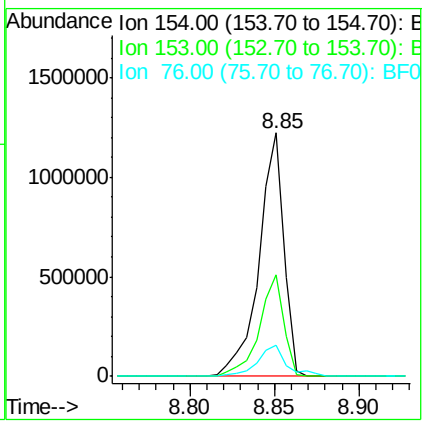


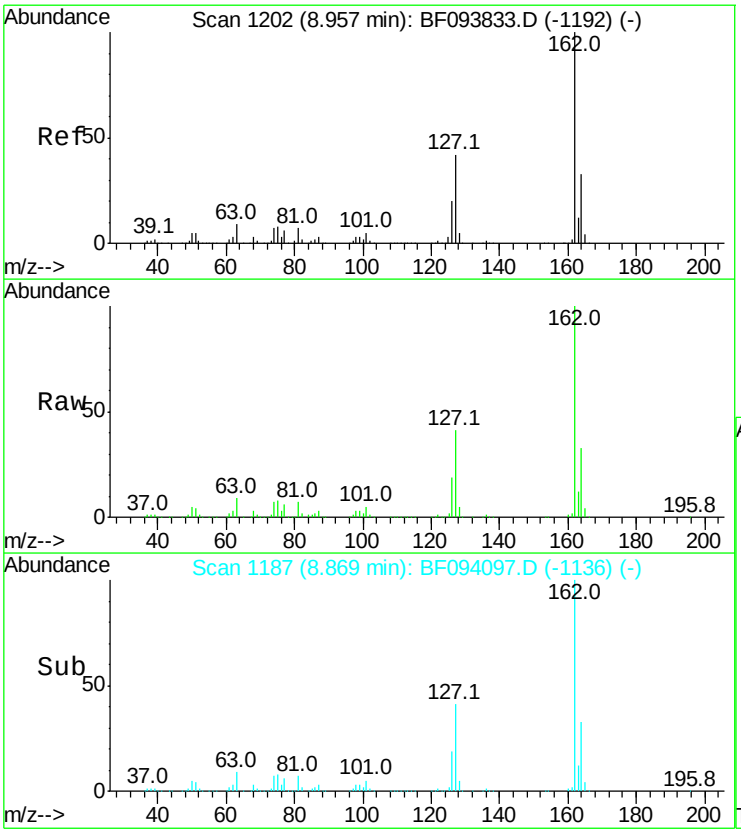

#45
1,1'-Biphenyl
Concen: 50.04 ng
RT: 8.85 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:154 Resp: 1242077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.7 | 21.2 | 61.2 |
| 76 | 12.9 | 0.0 | 29.9 |

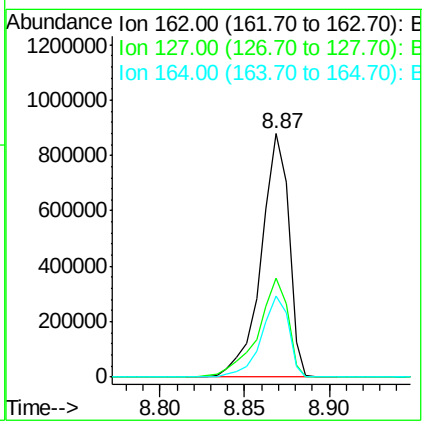


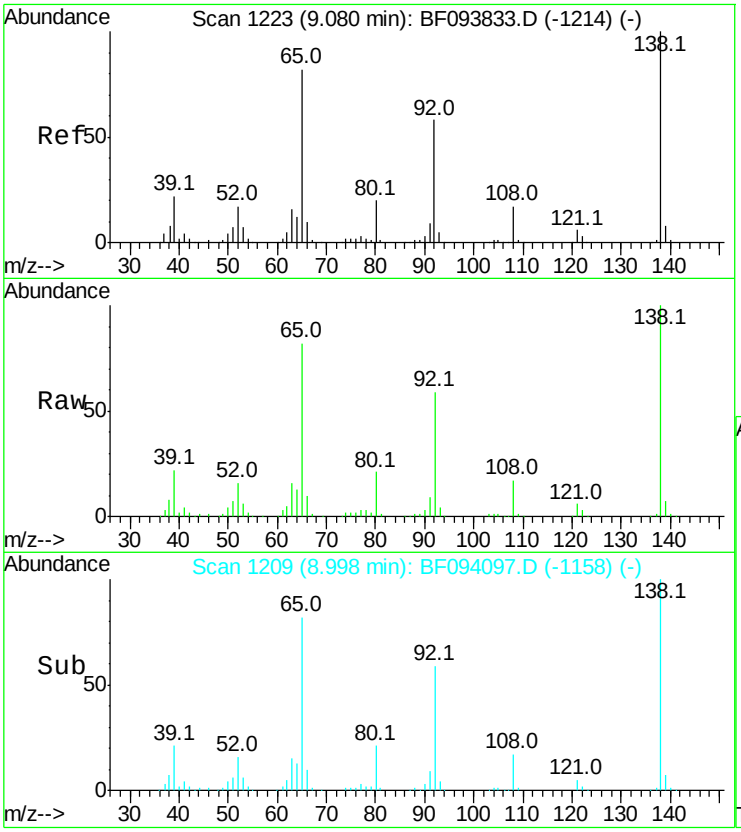




#46
2-Chloronaphthalene
Concen: 51.44 ng
RT: 8.87 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:162 Resp: 999611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 40.7 | 28.3 | 42.5 |
| 164 | 33.1 | 27.0 | 40.4 |



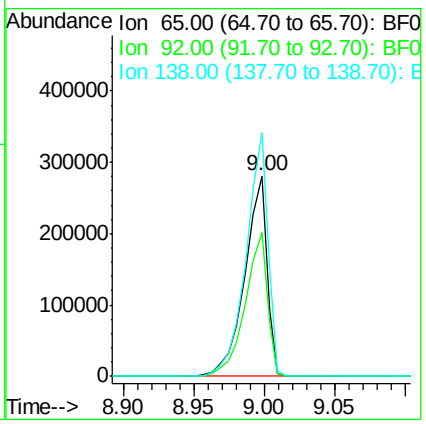


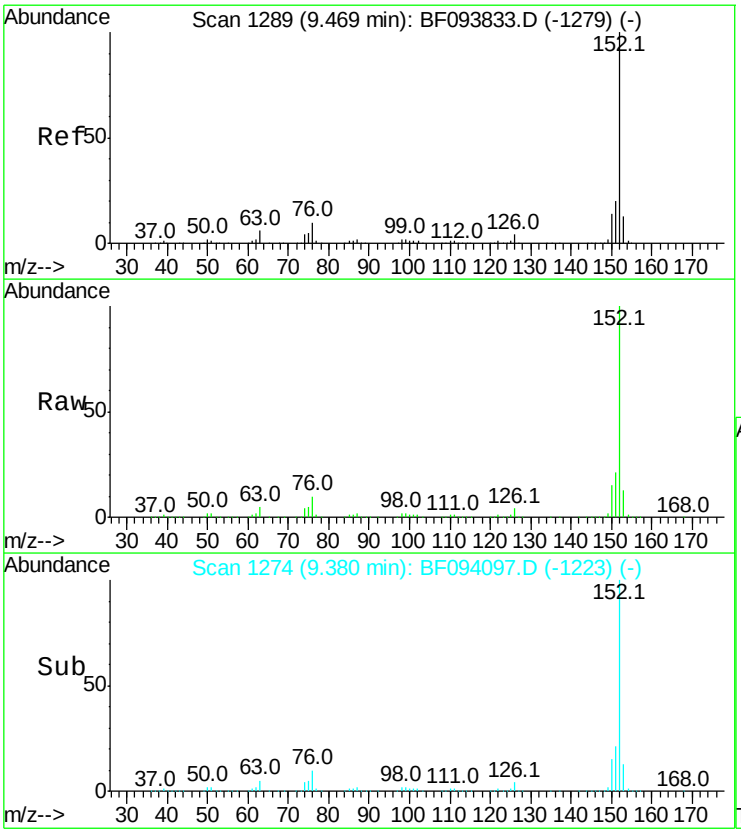

#47
2-Nitroaniline
Concen: 53.93 ng
RT: 9.00 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion: 65 Resp: 310852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 71.8 | 53.9 | 80.9 |
| 138 | 121.4 | 78.8 | 118.2# |

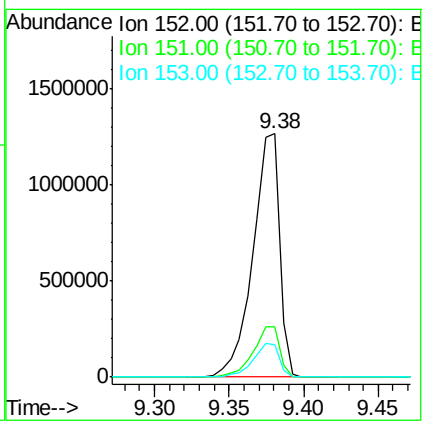


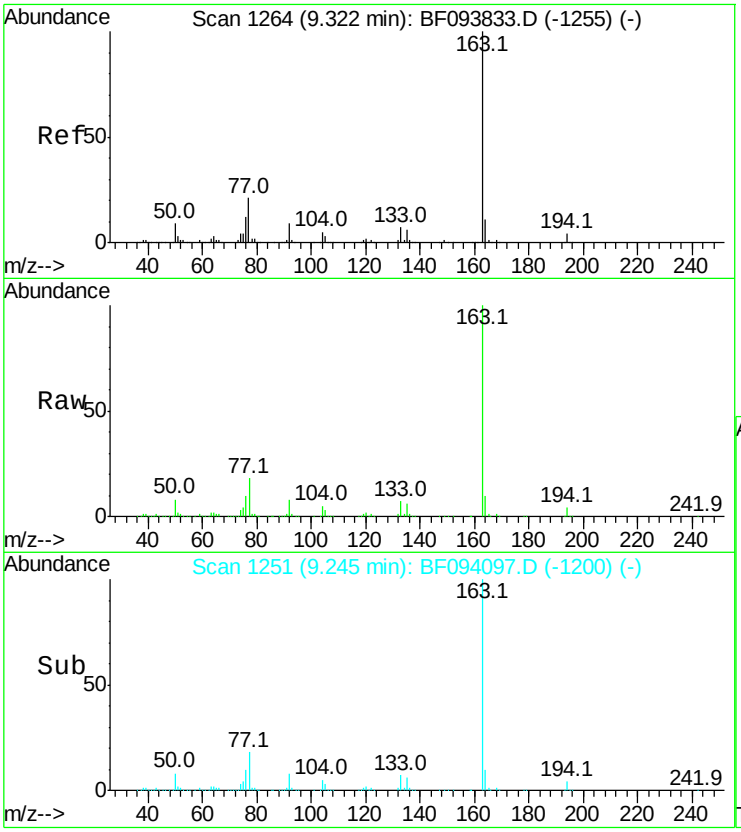




#48
Acenaphthylene
Concen: 48.12 ng
RT: 9.38 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:152 Resp: 1554123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.6 | 16.8 | 25.2 |
| 153 | 13.1 | 10.8 | 16.2 |



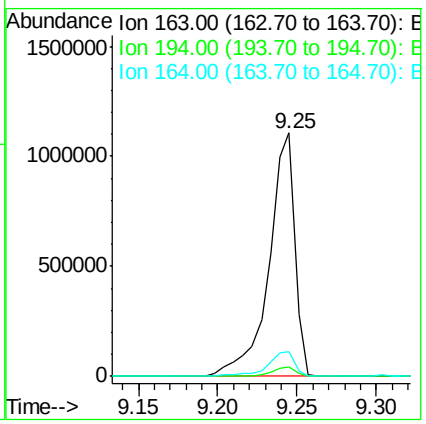


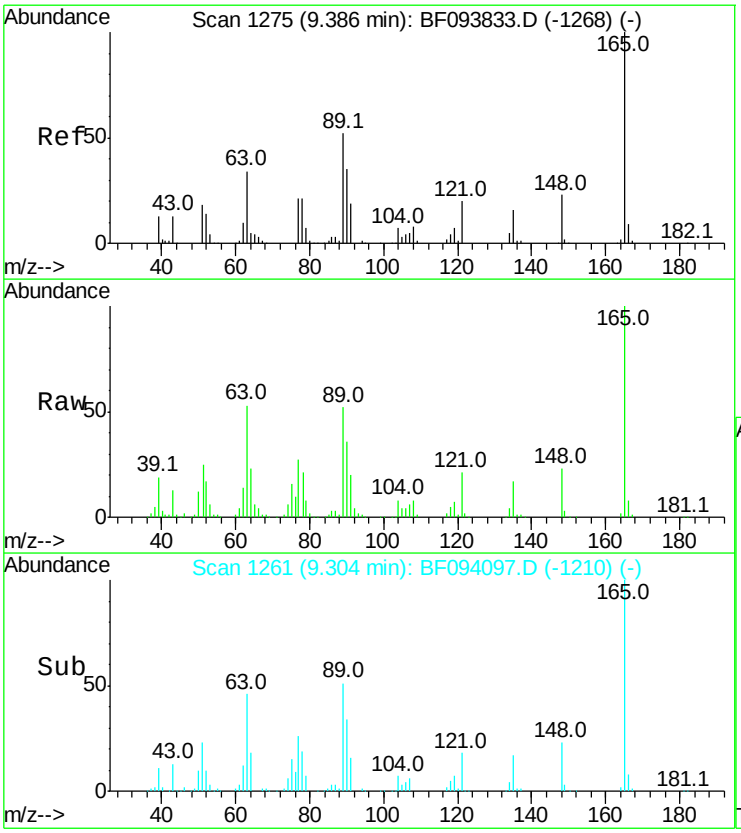

#49
Dimethylphthalate
Concen: 57.64 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:163 Resp: 1261056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.7 | 2.6 | 4.0 |
| 164 | 9.9 | 8.4 | 12.6 |

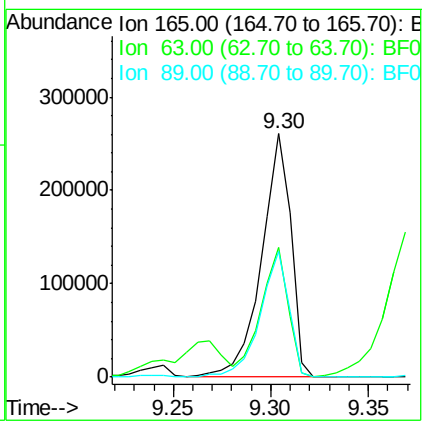


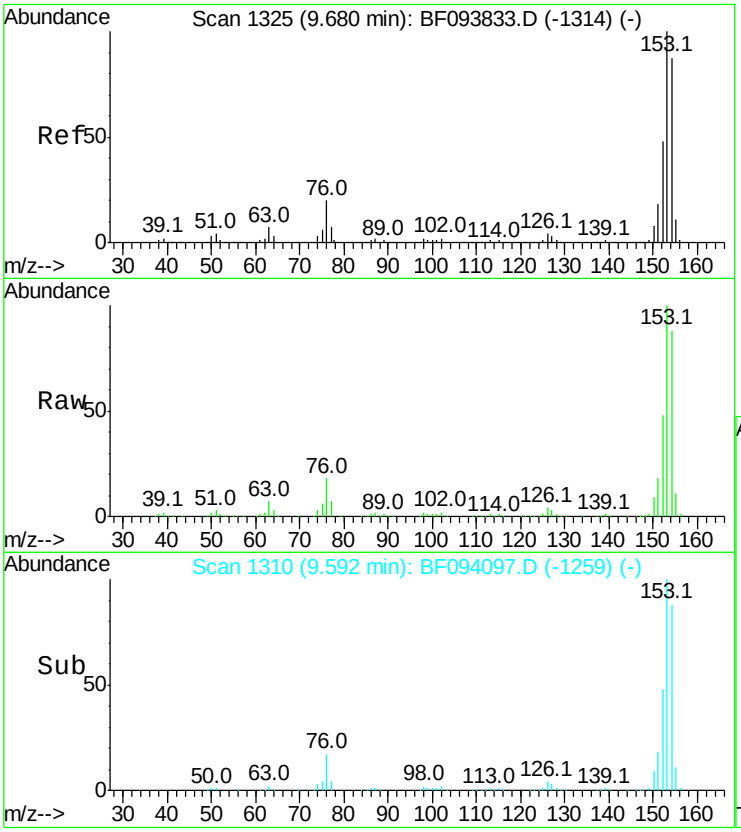




#50
2,6-Dinitrotoluene
Concen: 54.10 ng
RT: 9.30 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:165 Resp: 271298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 53.0 | 34.3 | 51.5# |
| 89 | 51.7 | 37.1 | 55.7 |



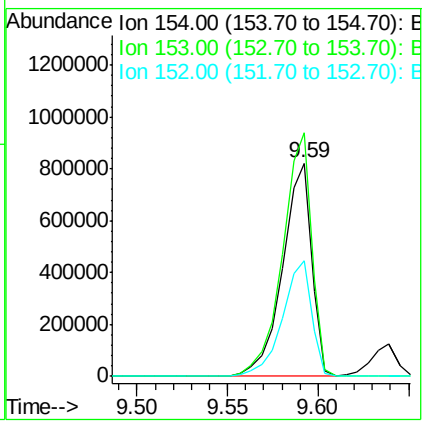


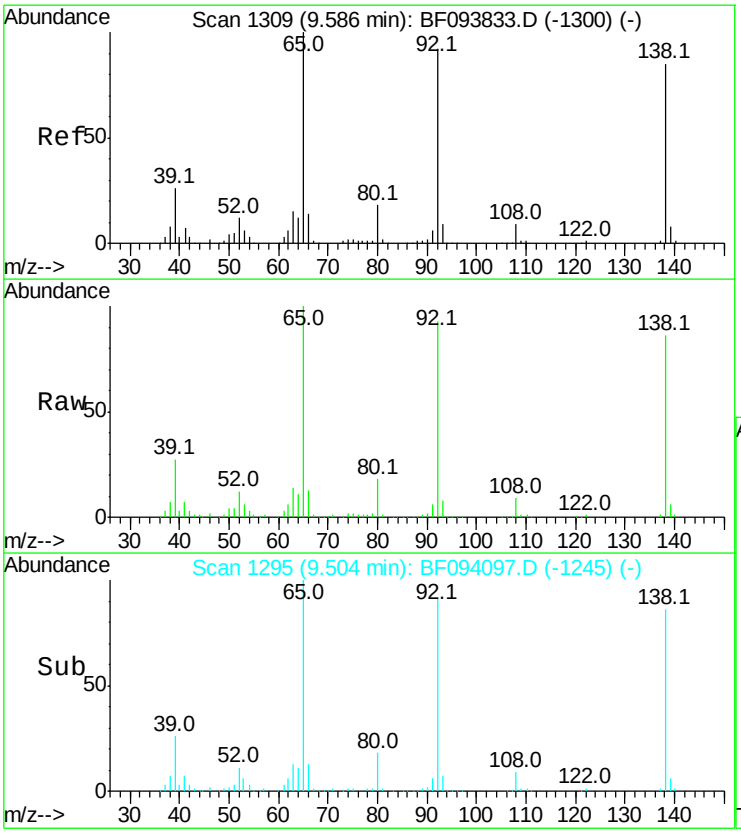

#51
Acenaphthene
Concen: 49.36 ng
RT: 9.59 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:154 Resp: 930105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.2 | 90.5 | 135.7 |
| 152 | 54.3 | 43.6 | 65.4 |

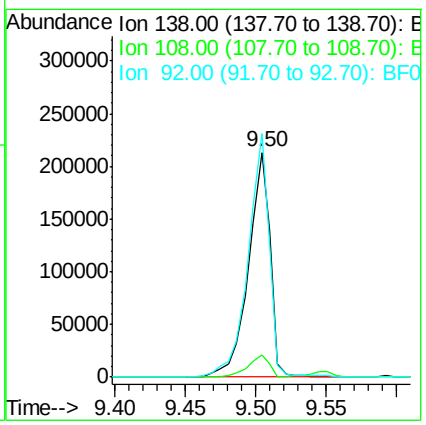


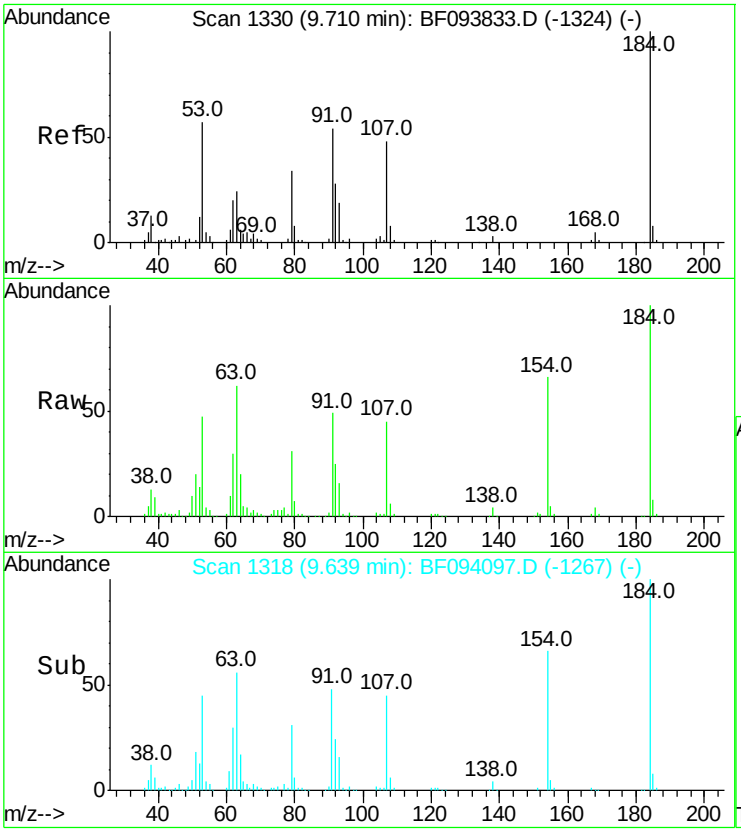




#52
3-Nitroaniline
Concen: 38.99 ng
RT: 9.50 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:138 Resp: 229585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.1 | 9.1 | 13.7 |
| 92 | 108.5 | 93.8 | 140.6 |



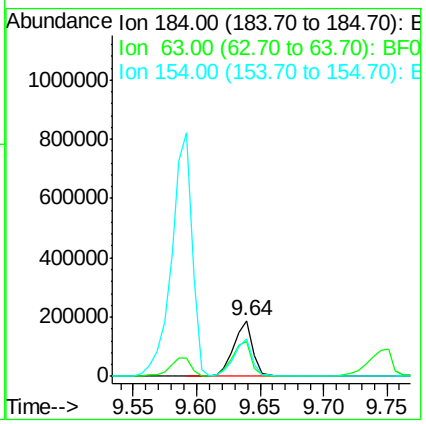


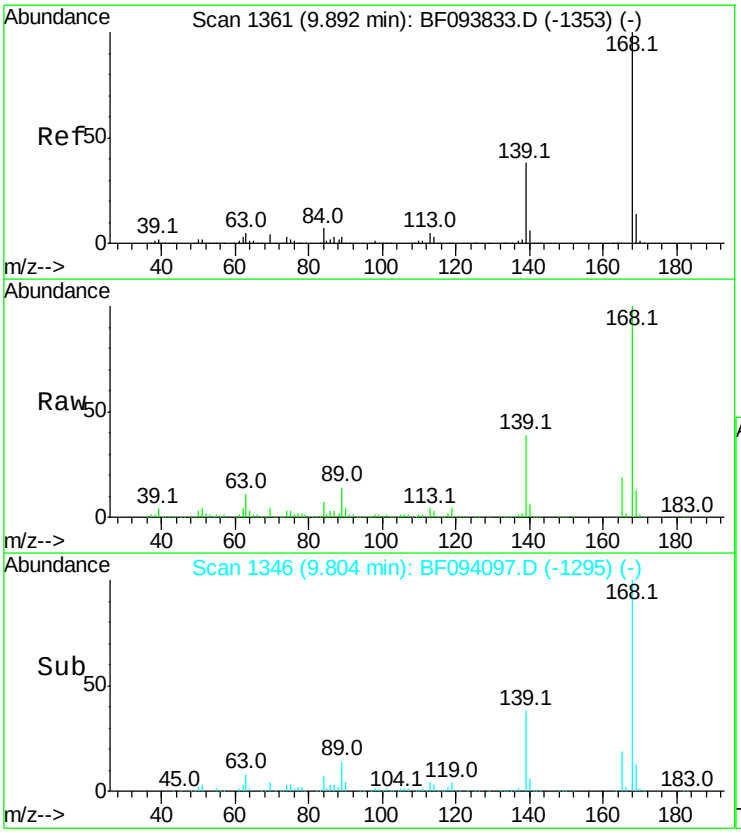

#53
2,4-Dinitrophenol
Concen: 73.11 ng
RT: 9.64 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:184 Resp: 195054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 61.6 | 62.7 | 94.1# |
| 154 | 66.2 | 81.1 | 121.7# |

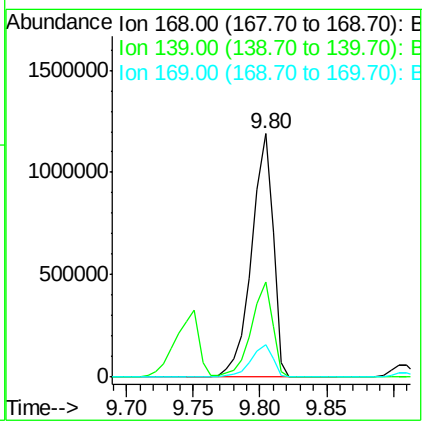


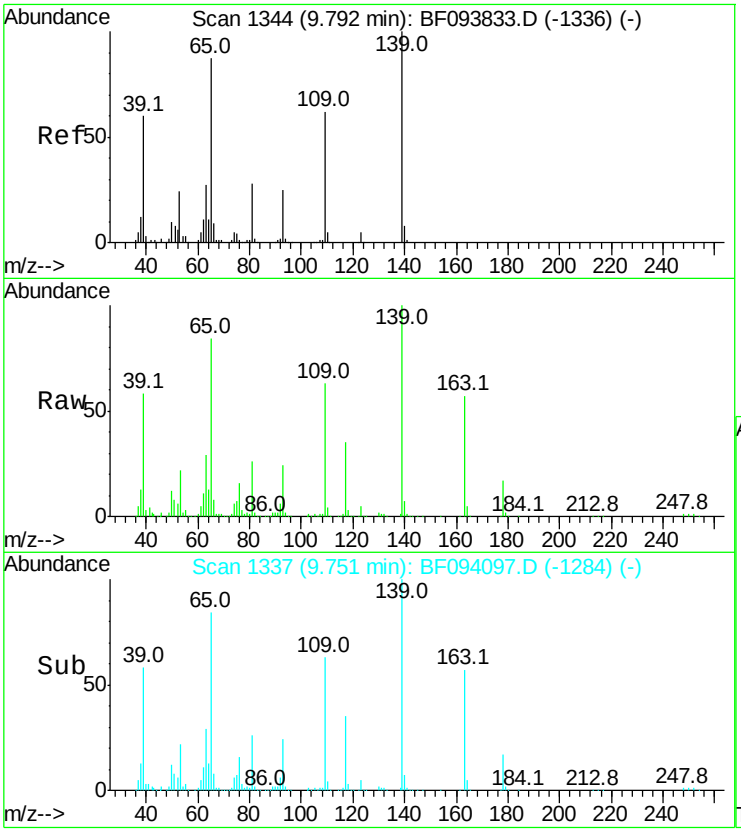




#54
Dibenzofuran
Concen: 51.21 ng
RT: 9.80 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:168 Resp: 1313713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 38.9 | 30.6 | 45.8 |
| 169 | 13.2 | 10.8 | 16.2 |



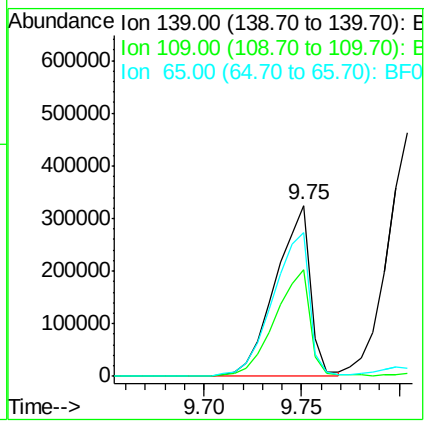


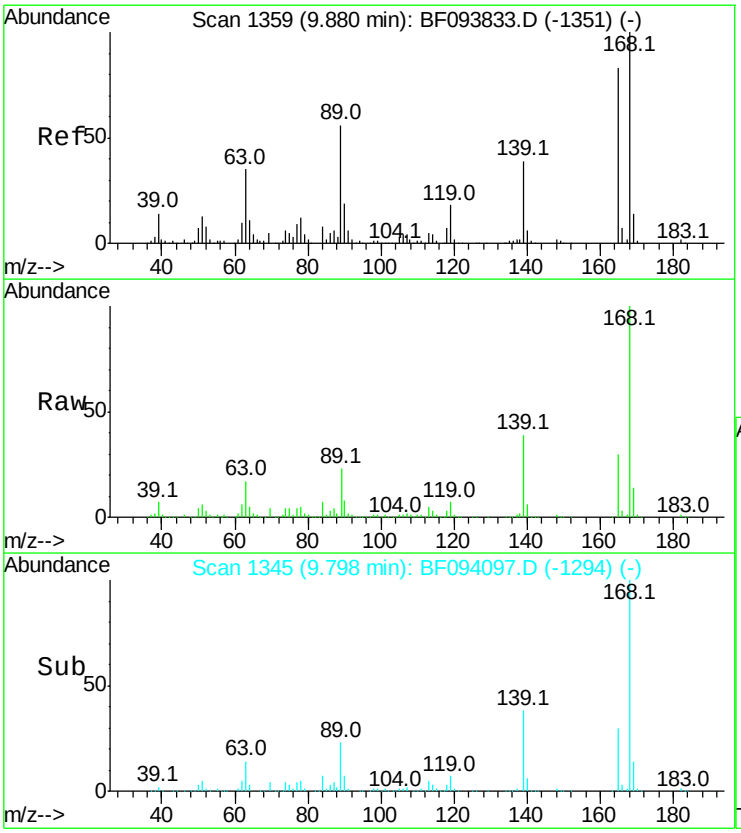

#55
4-Nitrophenol
Concen: 87.55 ng
RT: 9.75 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:139 Resp: 403741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 62.6 | 34.1 | 74.1 |
| 65 | 83.7 | 31.4 | 71.4# |

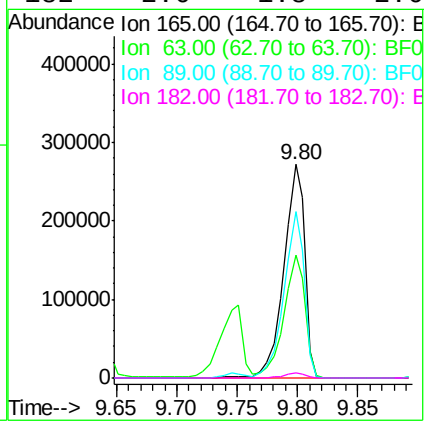


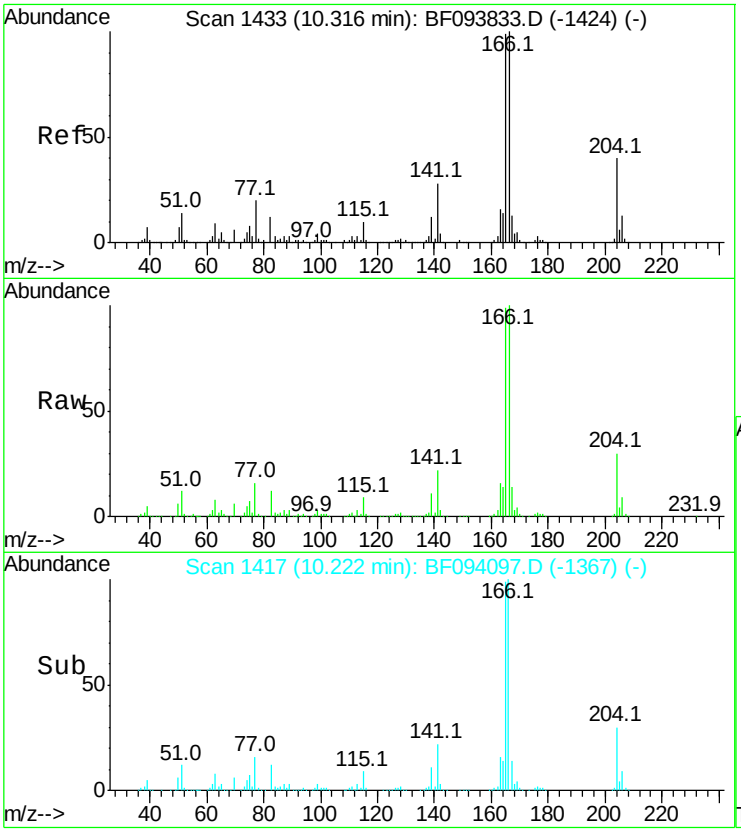




#56
2,4-Dinitrotoluene
Concen: 51.26 ng
RT: 9.80 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:165 Resp: 322938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 57.5 | 25.4 | 38.0# |
| 89 | 78.1 | 46.4 | 69.6# |
| 182 | 2.6 | 1.8 | 2.6 |



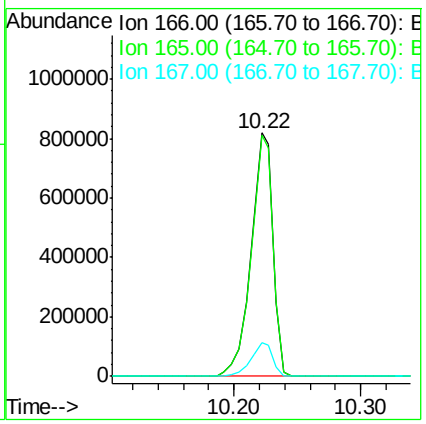


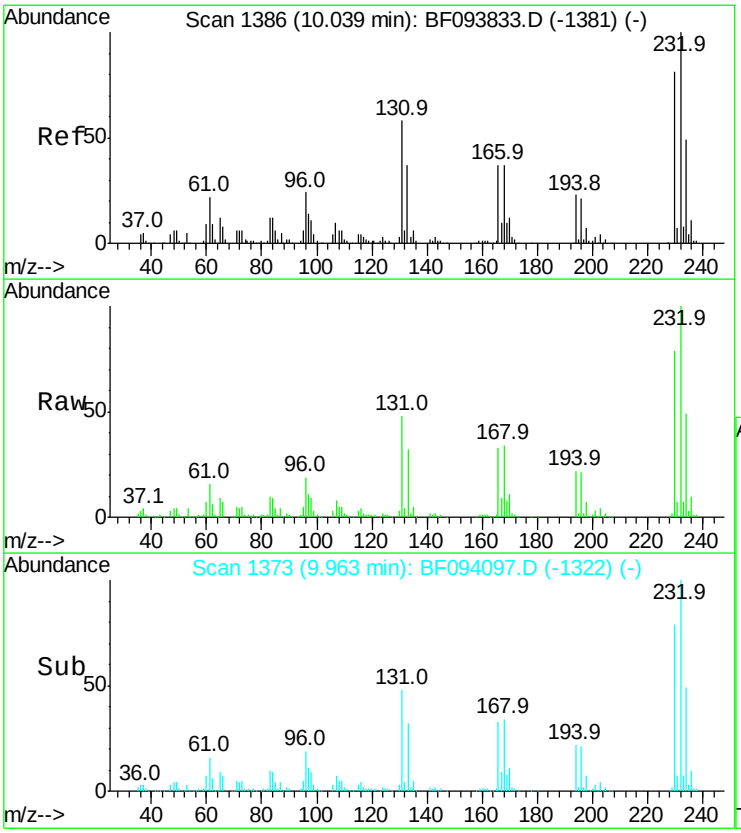

#57
Fluorene
Concen: 46.62 ng
RT: 10.22 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:166 Resp: 991722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.1 | 78.8 | 118.2 |
| 167 | 13.7 | 10.6 | 16.0 |

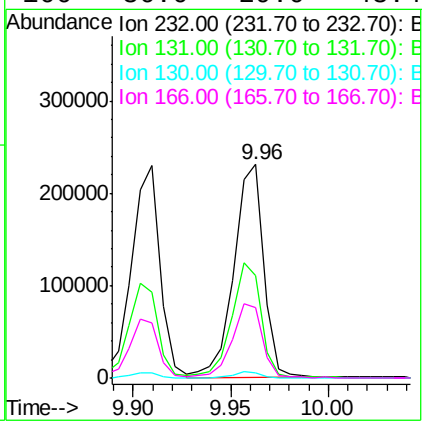


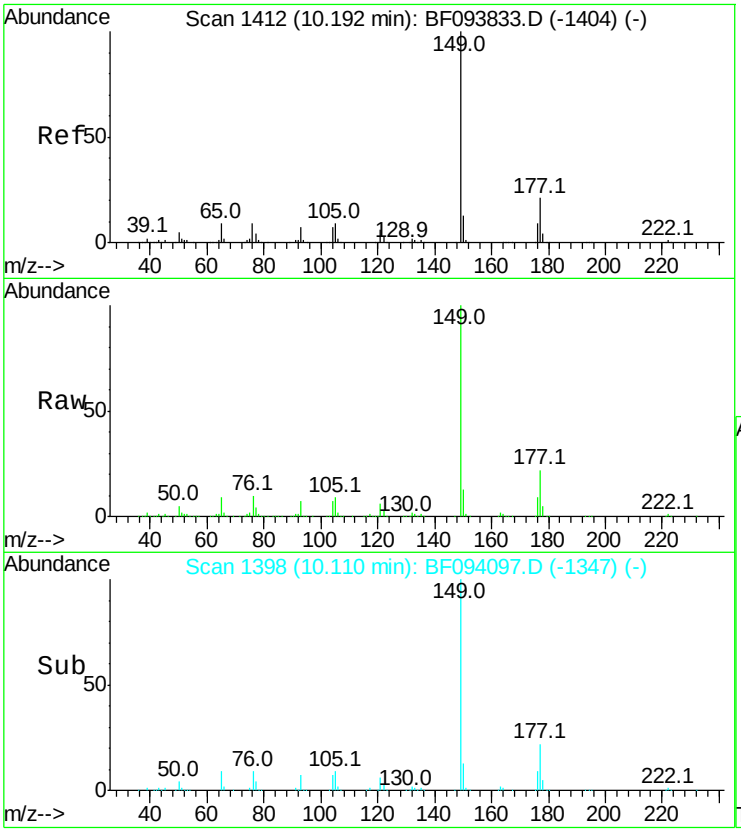




#58
2,3,4,6-Tetrachlorophenol
Concen: 55.21 ng
RT: 9.96 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:232 Resp: 244177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 53.1 | 44.8 | 67.2 |
| 130 | 2.6 | 2.3 | 3.5 |
| 166 | 36.0 | 29.0 | 43.4 |



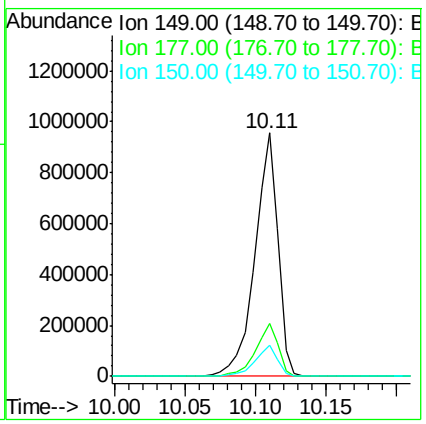


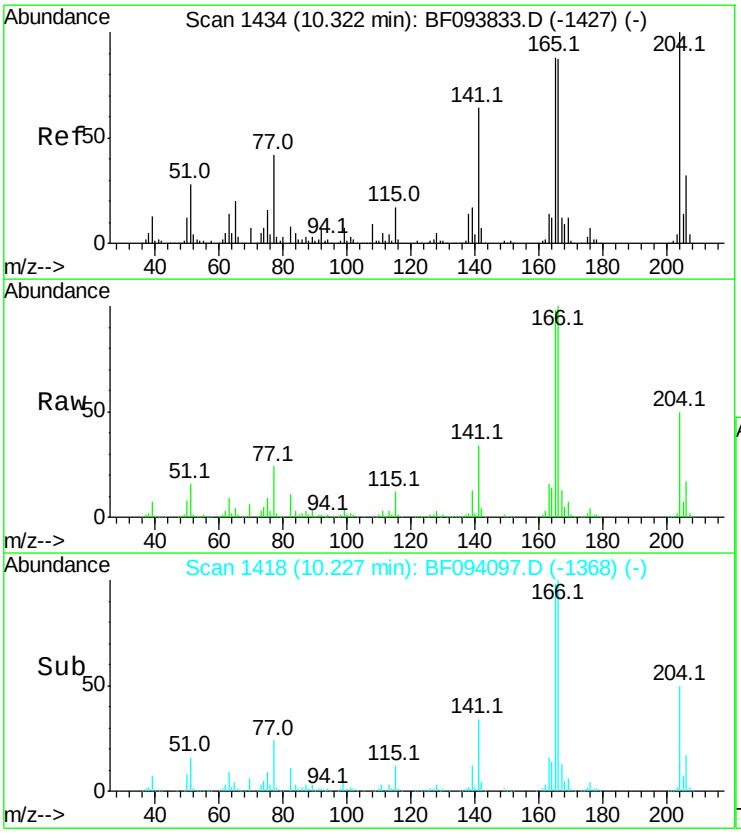

#59
Diethylphthalate
Concen: 50.90 ng
RT: 10.11 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:149 Resp: 1100634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.6 | 16.7 | 25.1 |
| 150 | 12.9 | 10.2 | 15.2 |

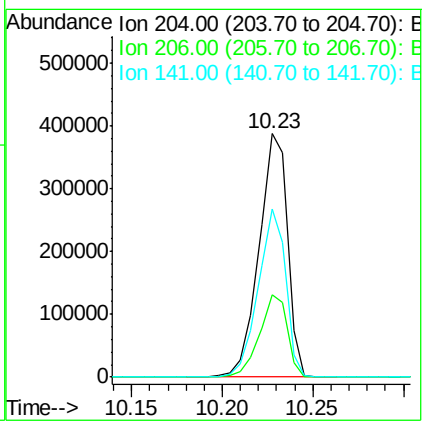


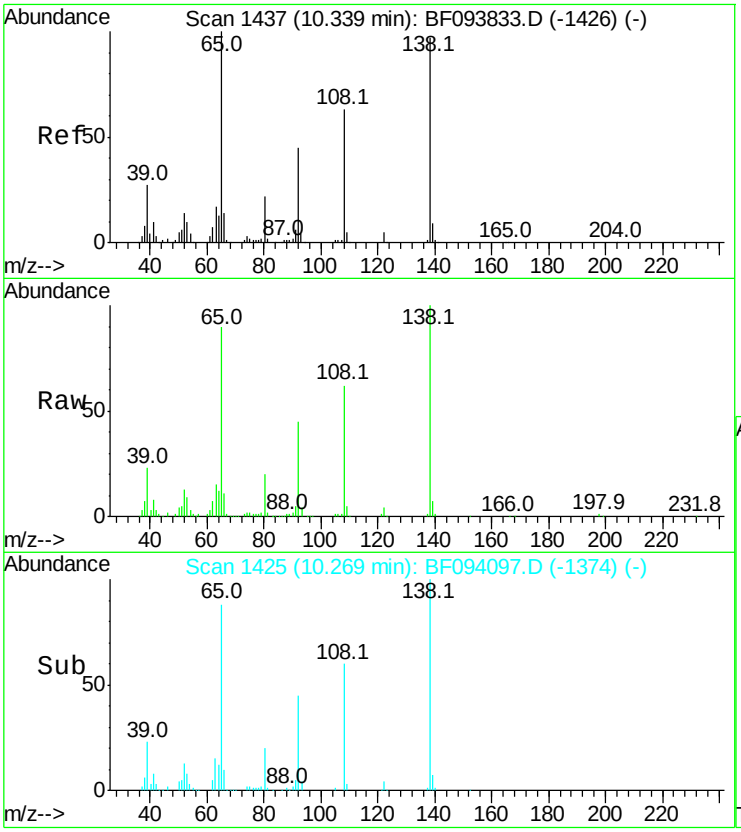




#60
4-Chlorophenyl-phenylether
Concen: 46.82 ng
RT: 10.23 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:204 Resp: 424277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.6 | 26.2 | 39.2 |
| 141 | 69.2 | 60.8 | 91.2 |



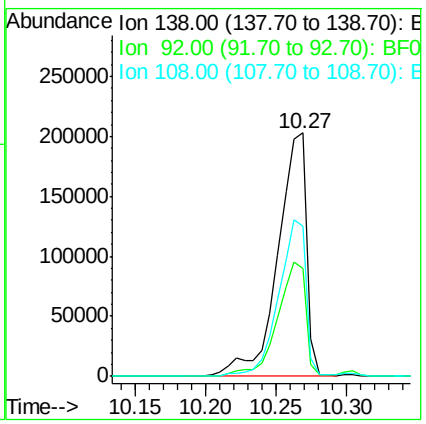


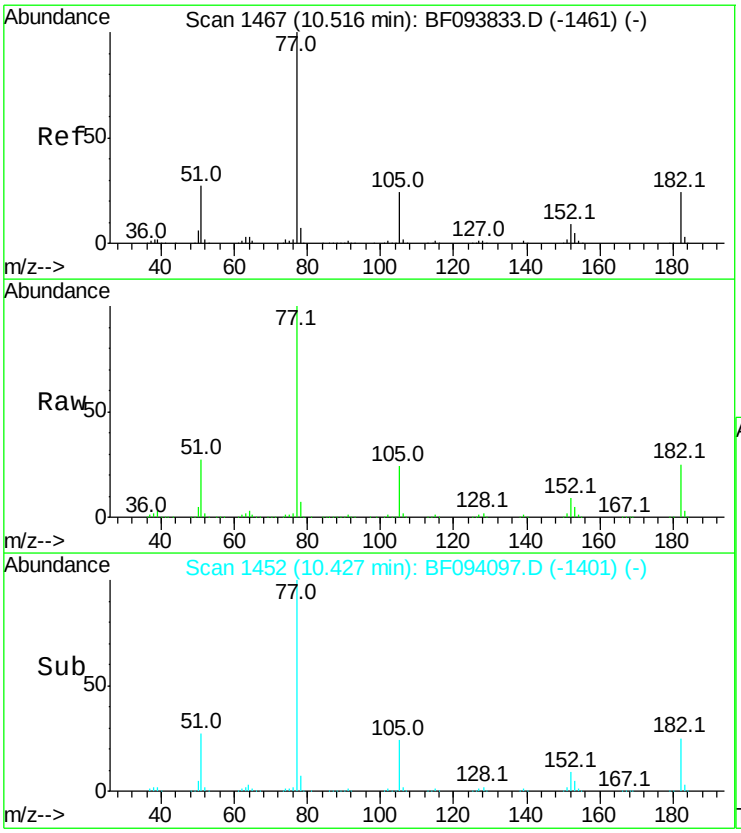

#61
4-Nitroaniline
Concen: 51.31 ng
RT: 10.27 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:138 Resp: 289967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 44.6 | 21.8 | 61.8 |
| 108 | 61.7 | 42.3 | 82.3 |

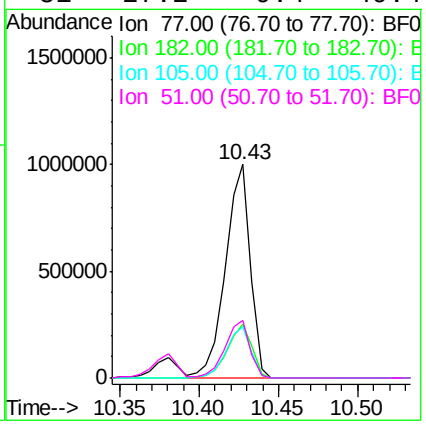


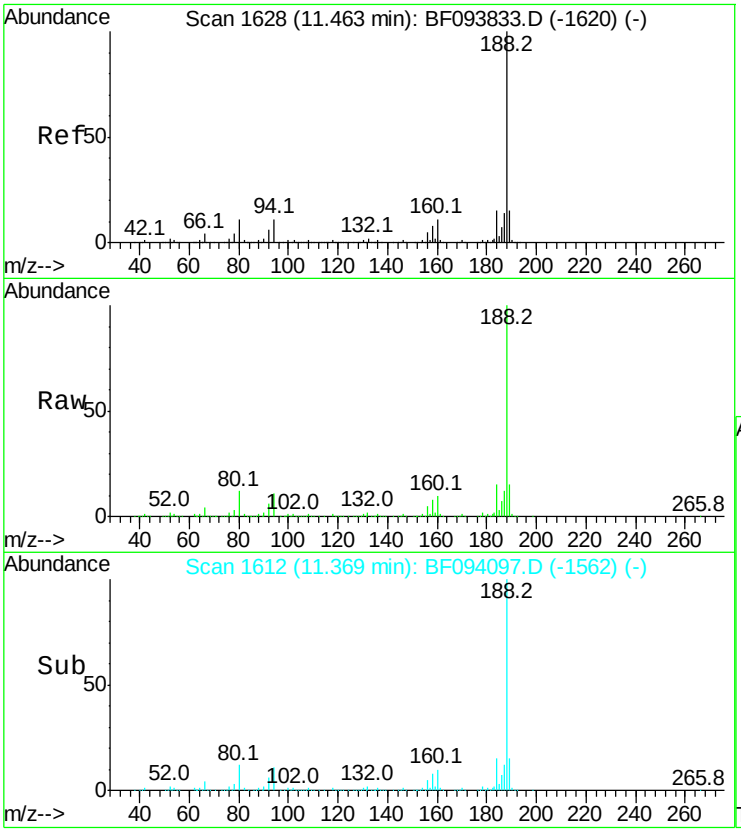




#62
Azobenzene
Concen: 52.98 ng
RT: 10.43 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion: 77 Resp: 1083616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 25.2 | 0.1 | 40.1 |
| 105 | 24.0 | 3.6 | 43.6 |
| 51 | 27.2 | 9.4 | 49.4 |



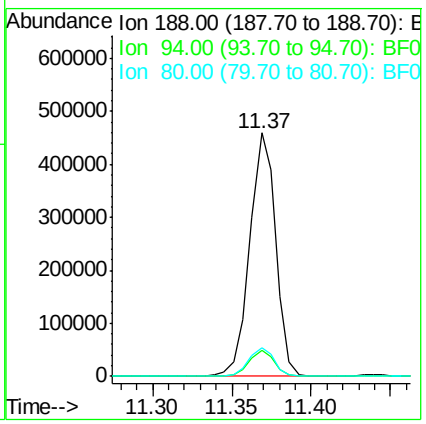


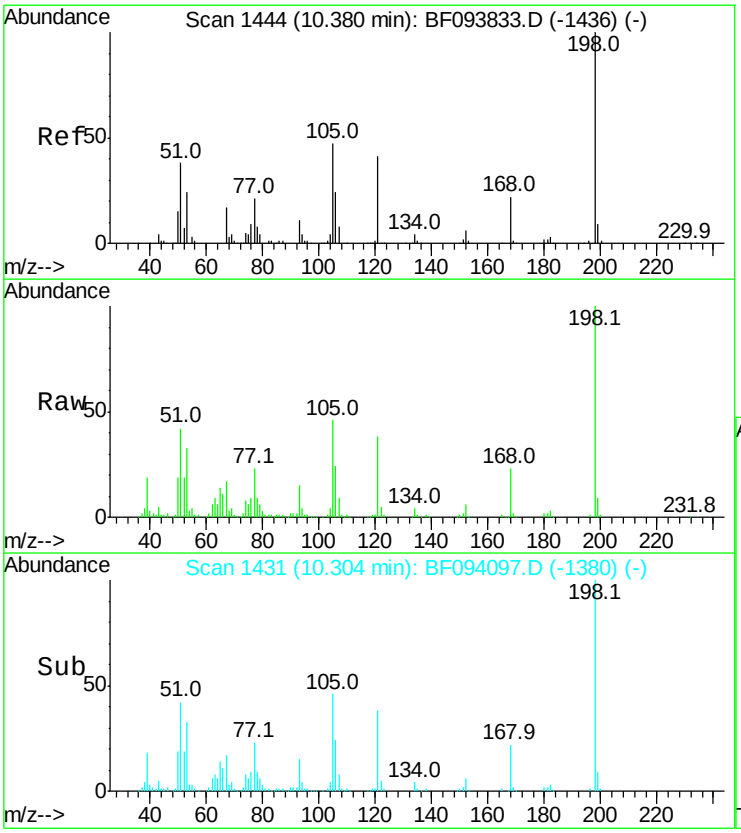

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1612
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:188 Resp: 521936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.9 | 9.4 | 14.2 |
| 80 | 11.5 | 10.2 | 15.2 |

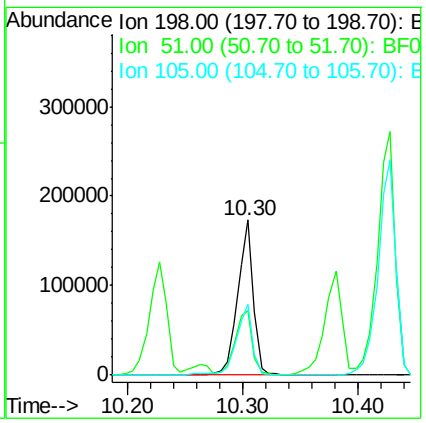


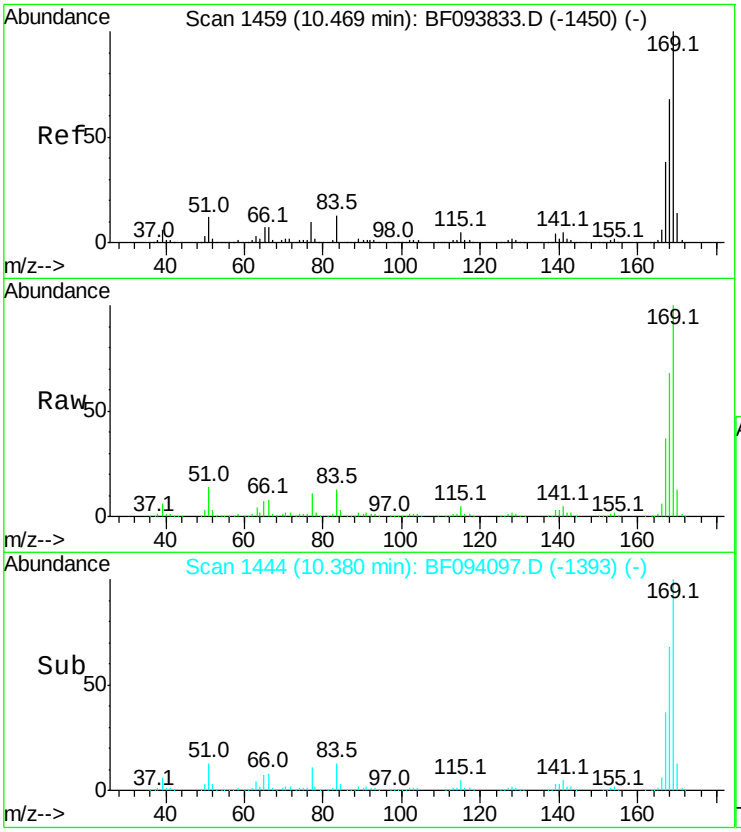




#64
4,6-Dinitro-2-methylphenol
Concen: 51.13 ng
RT: 10.30 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:198 Resp: 163431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 41.9 | 53.2 | 93.2# |
| 105 | 46.1 | 45.8 | 85.8 |



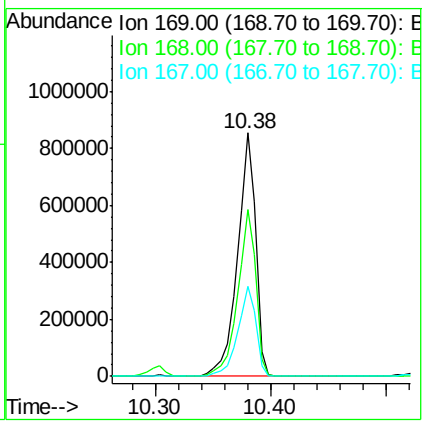


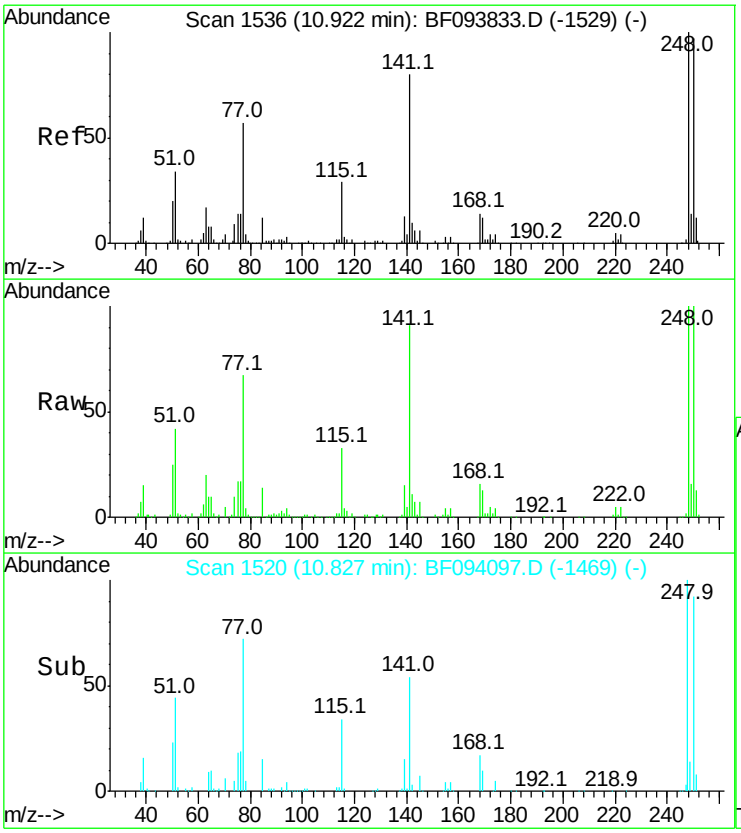

#65
n-Nitrosodiphenylamine
Concen: 51.39 ng
RT: 10.38 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:169 Resp: 927670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 68.3 | 53.2 | 79.8 |
| 167 | 36.8 | 29.5 | 44.3 |

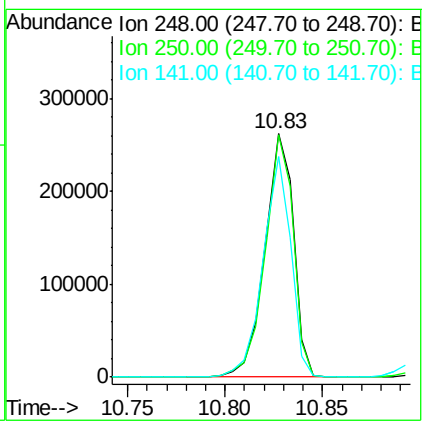


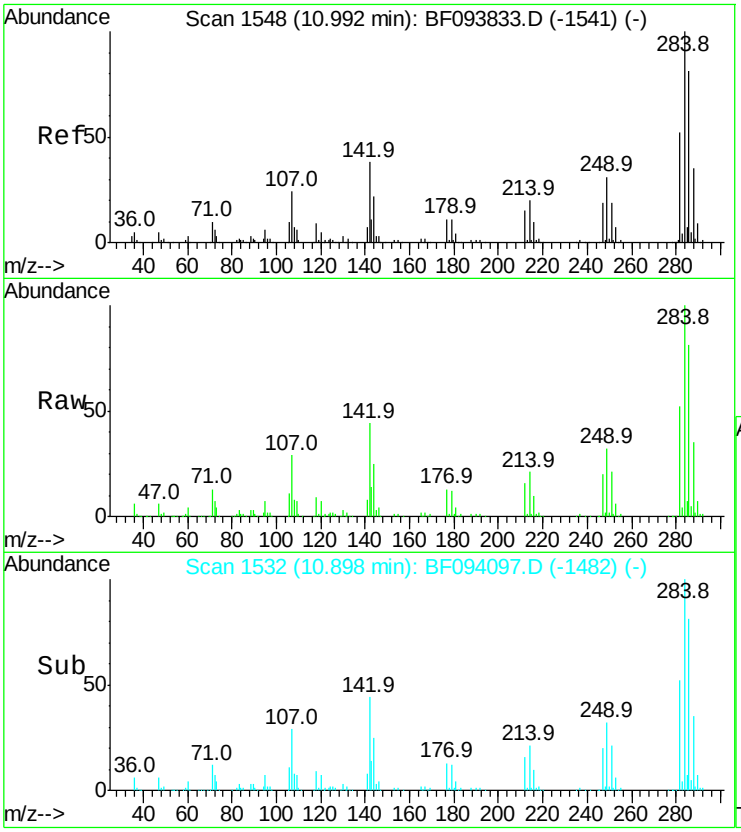




#66
4-Bromophenyl-phenylether
Concen: 52.15 ng
RT: 10.83 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:248 Resp: 267702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 99.7 | 76.8 | 115.2 |
| 141 | 90.7 | 68.6 | 103.0 |



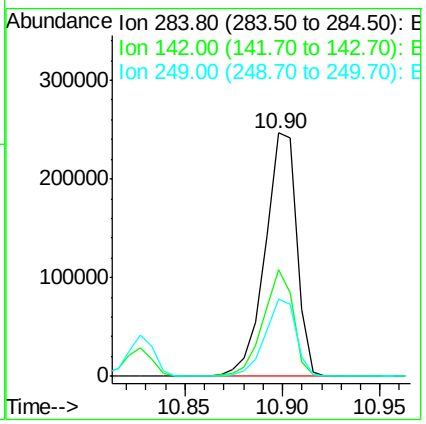


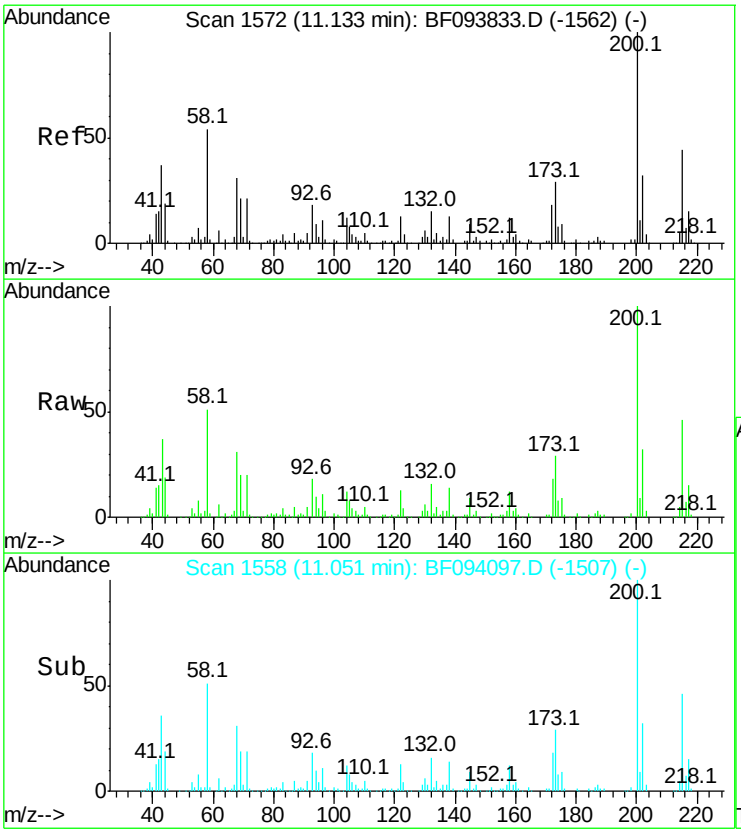

#67
Hexachlorobenzene
Concen: 53.39 ng
RT: 10.90 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:284 Resp: 277428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 43.8 | 22.8 | 34.2# |
| 249 | 31.5 | 24.0 | 36.0 |

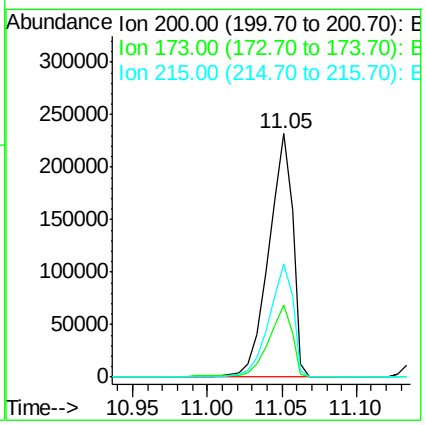


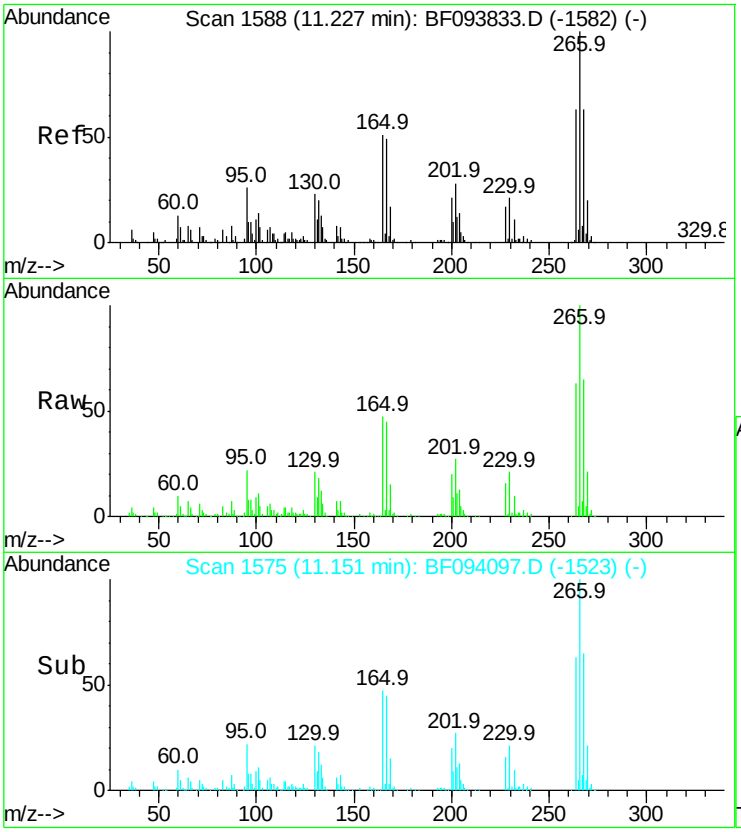




#68
Atrazine
Concen: 47.97 ng
RT: 11.05 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:200 Resp: 259345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 29.5 | 6.3 | 46.3 |
| 215 | 46.2 | 27.2 | 67.2 |



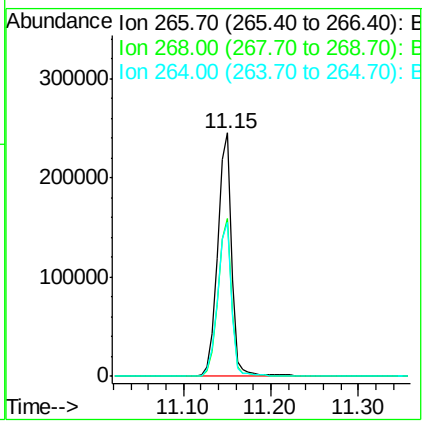


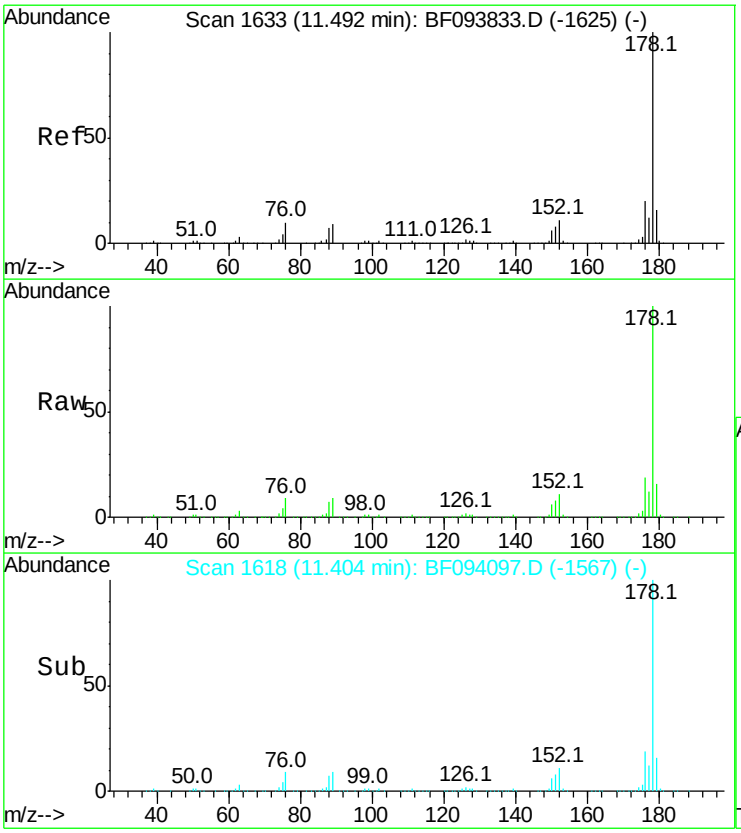

#69
Pentachlorophenol
Concen: 84.88 ng
RT: 11.15 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:266 Resp: 274519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.7 | 51.1 | 76.7 |
| 264 | 63.0 | 51.7 | 77.5 |

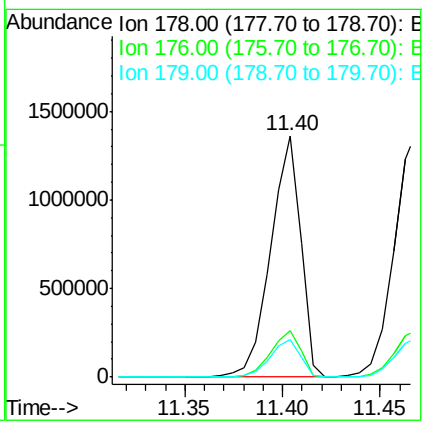


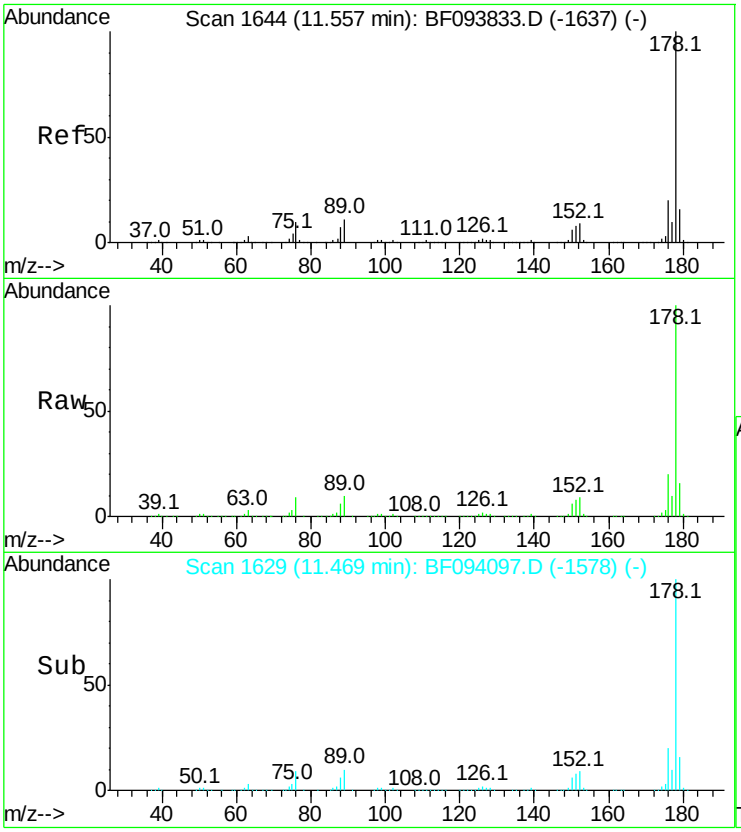




#70
Phenanthrene
Concen: 50.12 ng
RT: 11.40 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:178 Resp: 1455105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 16.2 | 24.4 |
| 179 | 15.5 | 12.6 | 19.0 |



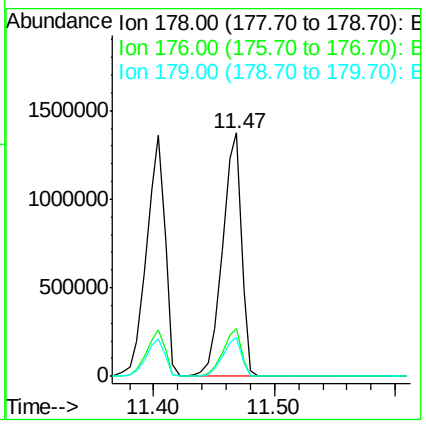


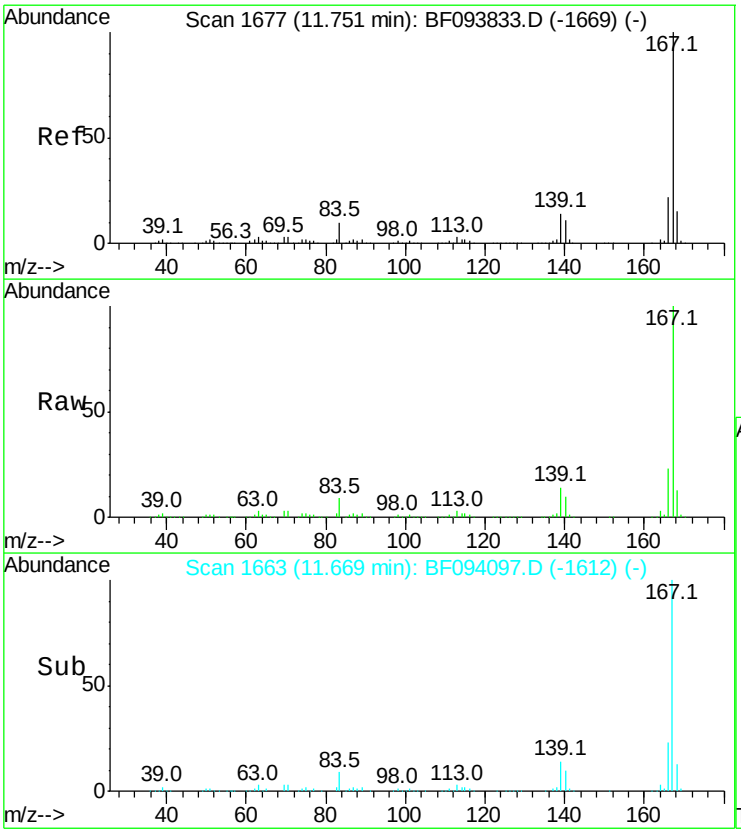

#71
Anthracene
Concen: 49.95 ng
RT: 11.47 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:178 Resp: 1493320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 15.8 | 23.8 |
| 179 | 15.8 | 12.7 | 19.1 |

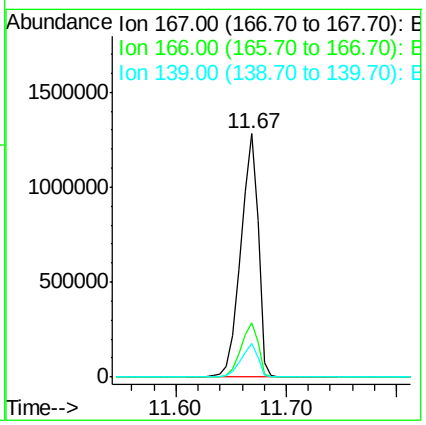


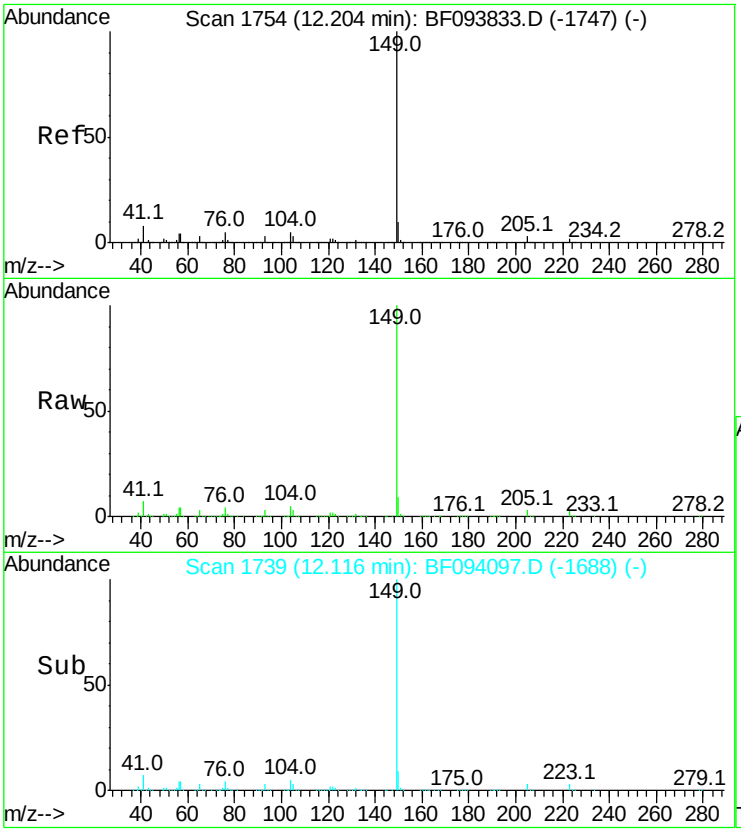




#72
Carbazole
Concen: 46.68 ng
RT: 11.67 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:167 Resp: 1431053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.5 | 18.1 | 27.1 |
| 139 | 13.7 | 11.7 | 17.5 |



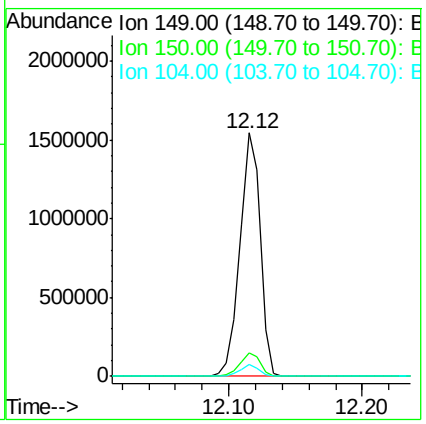


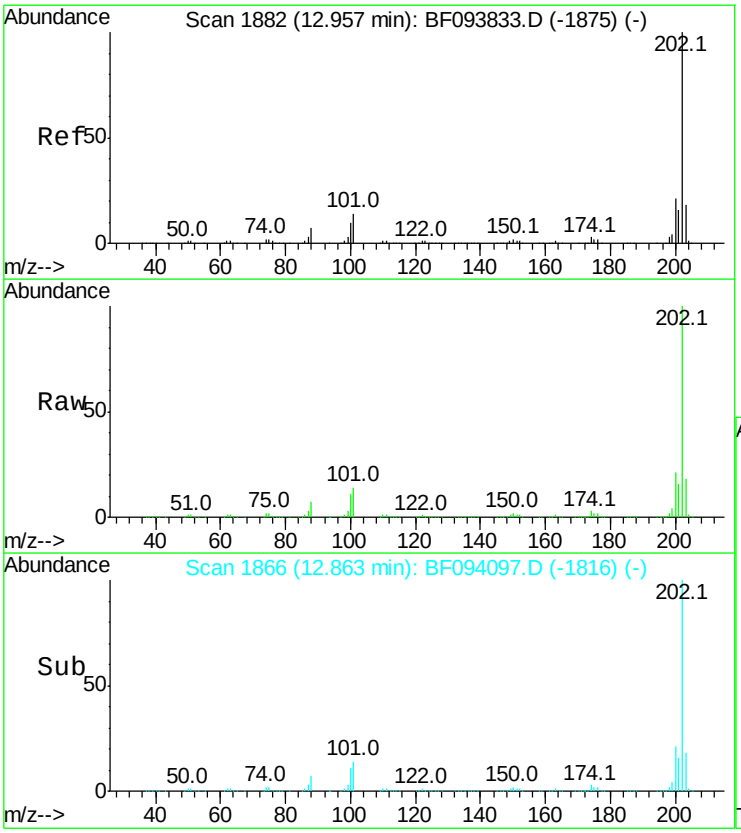

#73
Di-n-butylphthalate
Concen: 50.98 ng
RT: 12.12 min Scan# 1739
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:149 Resp: 1625159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.4 | 7.7 | 11.5 |
| 104 | 4.8 | 4.0 | 6.0 |

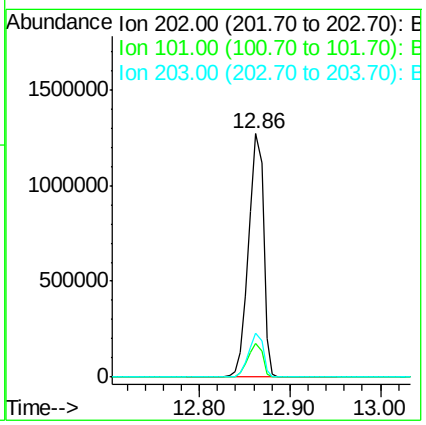


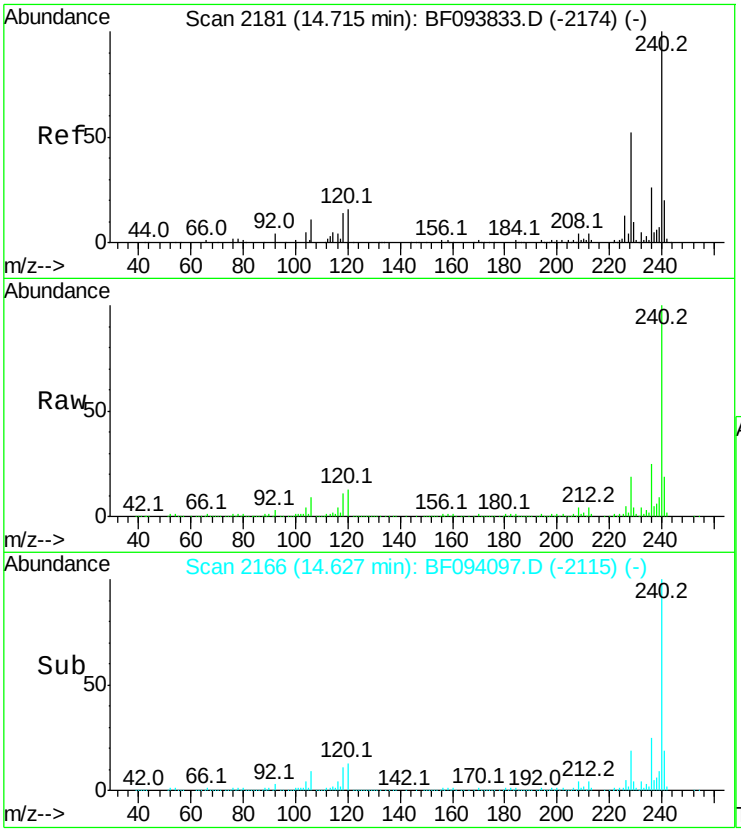




#74
Fluoranthene
Concen: 48.38 ng
RT: 12.86 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:202 Resp: 1438403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.0 | 0.0 | 33.2 |
| 203 | 18.0 | 0.0 | 38.1 |



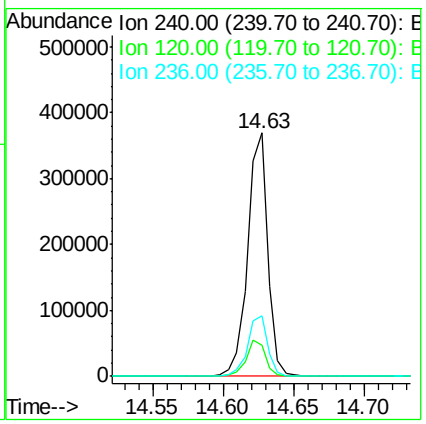


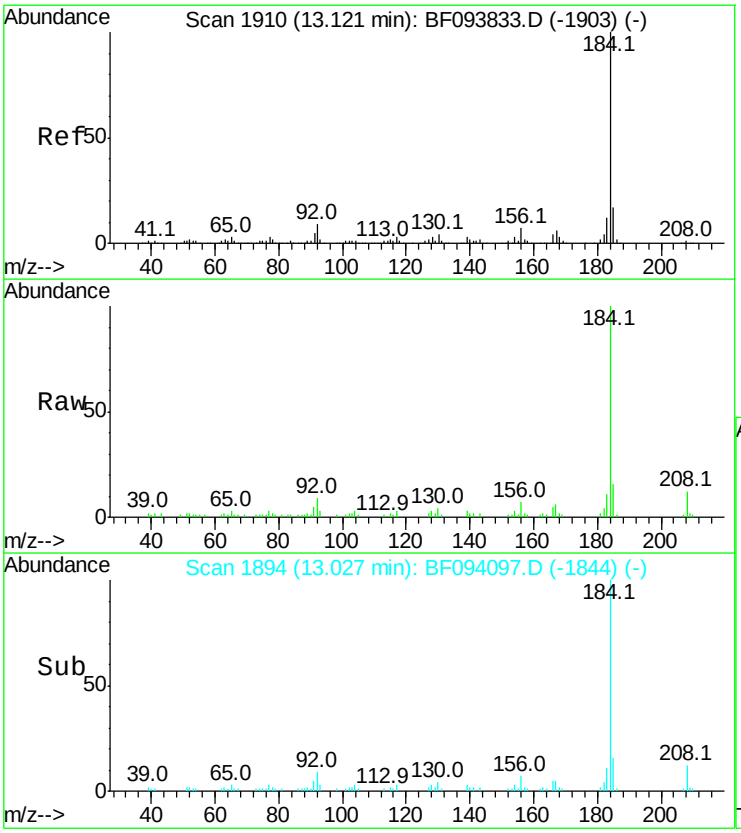

#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.63 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:240 Resp: 369413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.8 | 5.8 | 8.8# |
| 236 | 24.9 | 20.5 | 30.7 |

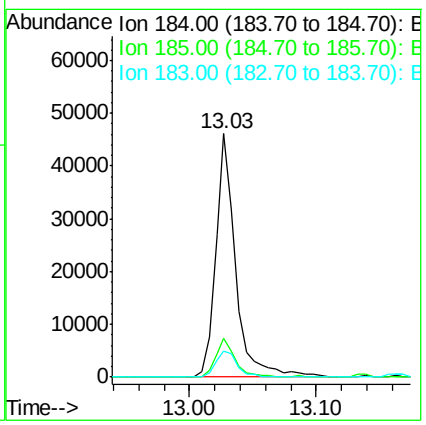


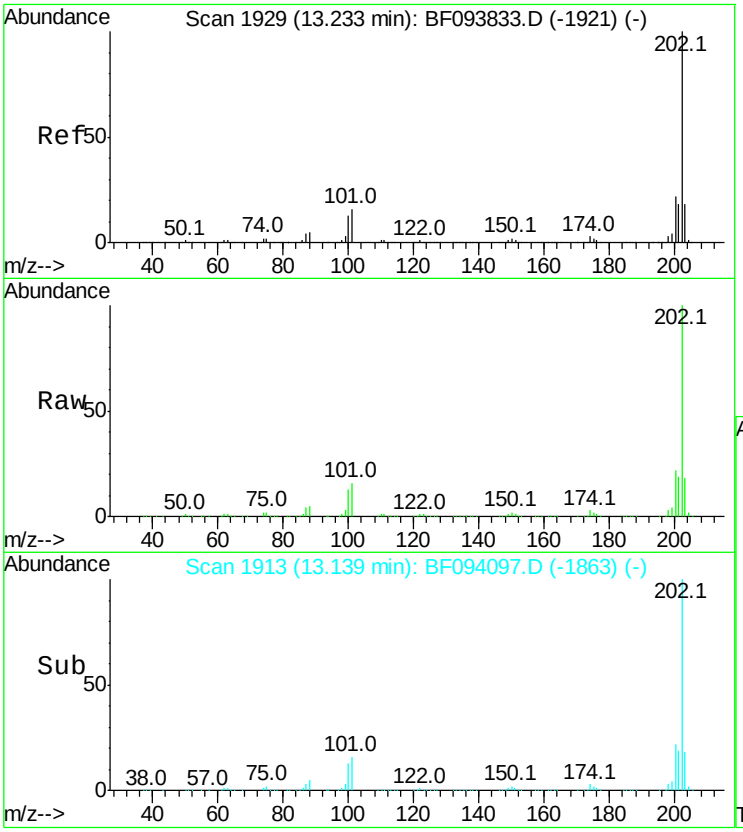




#76
Benzidine
Concen: 3.46 ng
RT: 13.03 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:184 Resp: 50576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 16.1 | 15.5 | 23.3 |
| 183 | 10.6 | 9.8 | 14.6 |



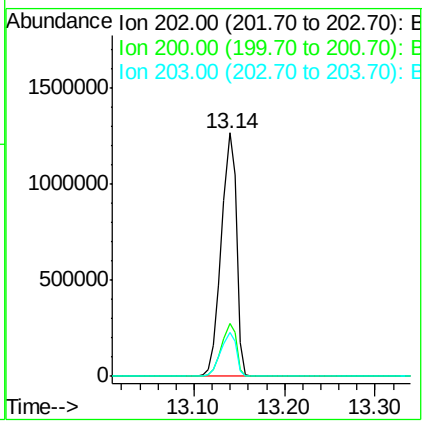


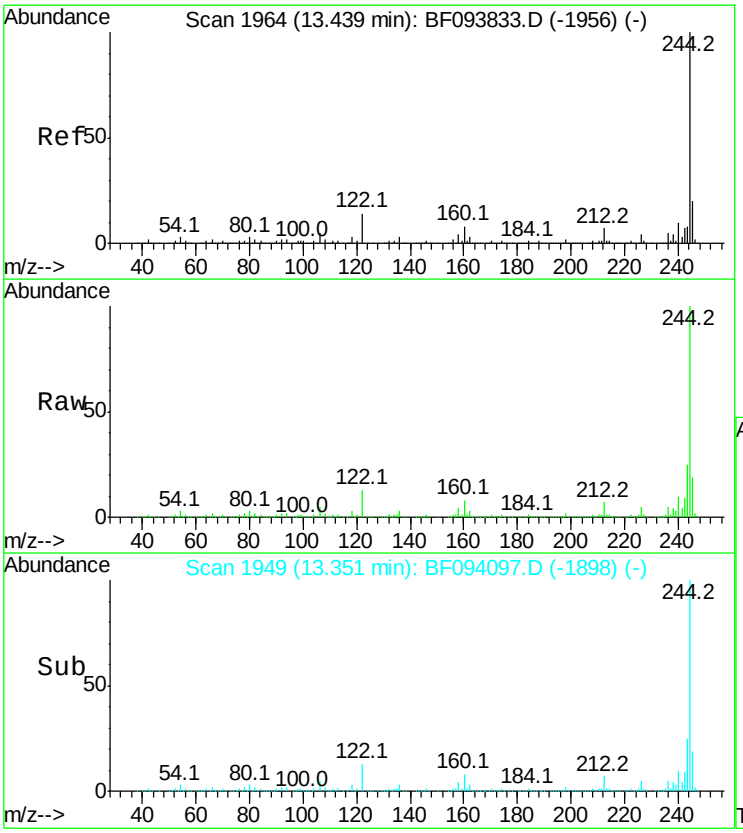

#77
Pyrene
Concen: 54.37 ng
RT: 13.14 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:202 Resp: 1457545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.9 | 17.6 | 26.4 |
| 203 | 18.0 | 14.4 | 21.6 |

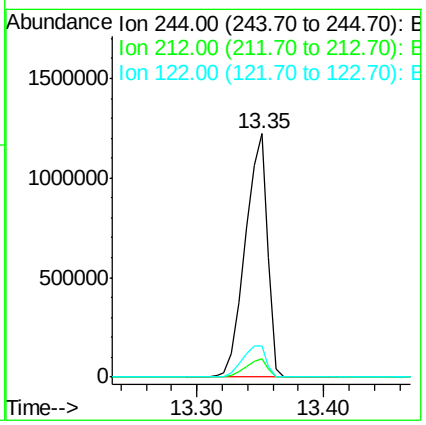


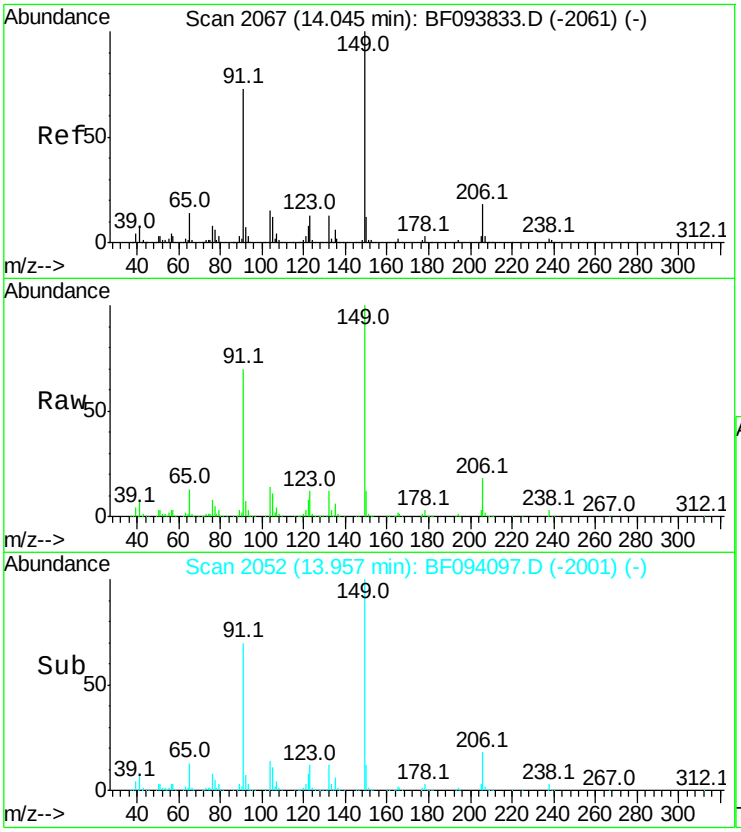




#78
Terphenyl-d14
Concen: 90.38 ng
RT: 13.35 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:244 Resp: 1489482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.3 | 6.0 | 9.0 |
| 122 | 12.8 | 10.3 | 15.5 |



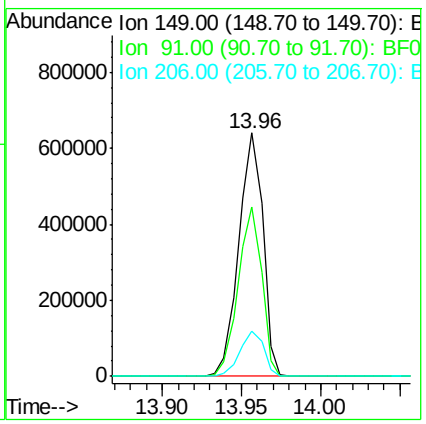


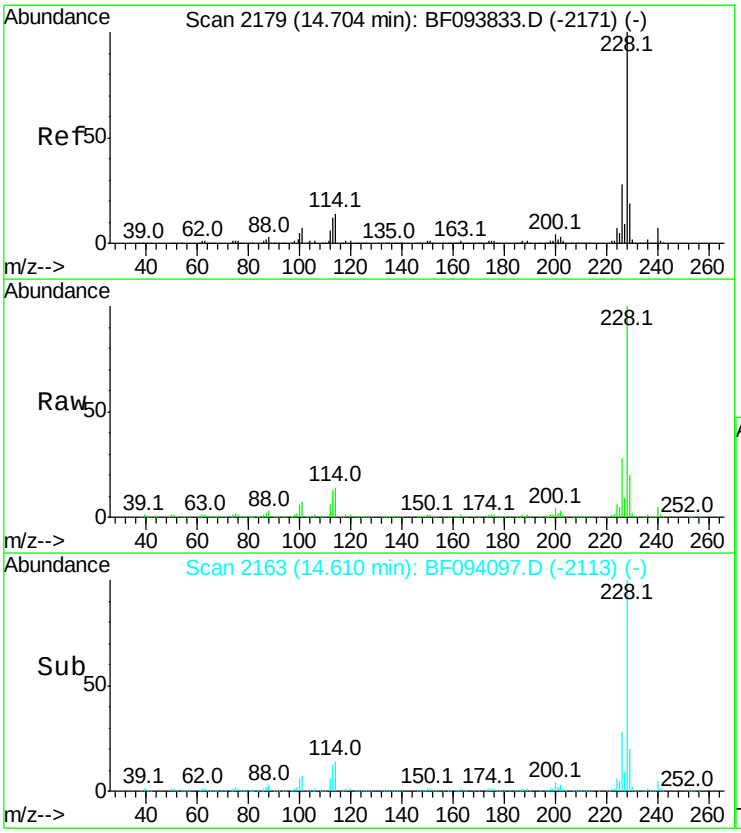

#79
Butylbenzylphthalate
Concen: 59.10 ng
RT: 13.96 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:149 Resp: 675102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 69.5 | 45.0 | 67.4# |
| 206 | 18.5 | 17.0 | 25.6 |

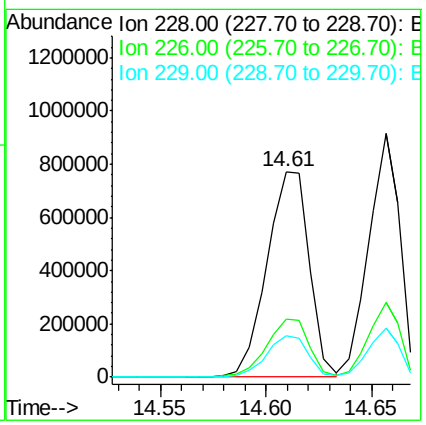


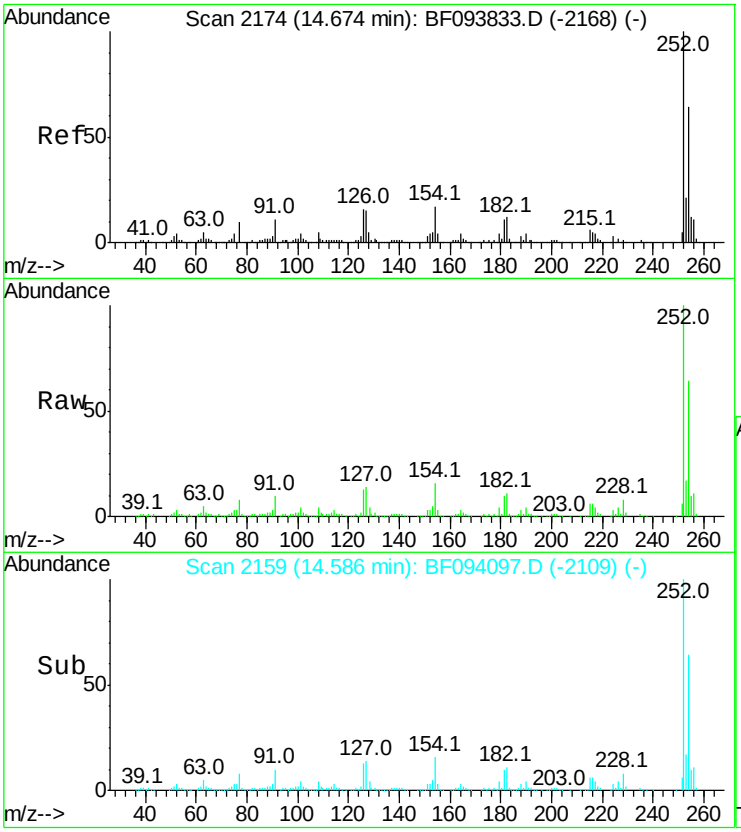




#80
Benzo(a)anthracene
Concen: 50.10 ng
RT: 14.61 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:228 Resp: 1079226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.2 | 22.6 | 33.8 |
| 229 | 20.1 | 16.3 | 24.5 |



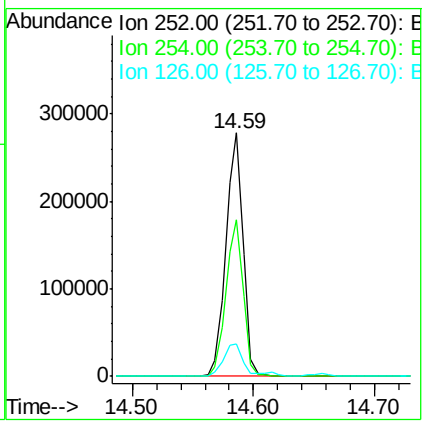


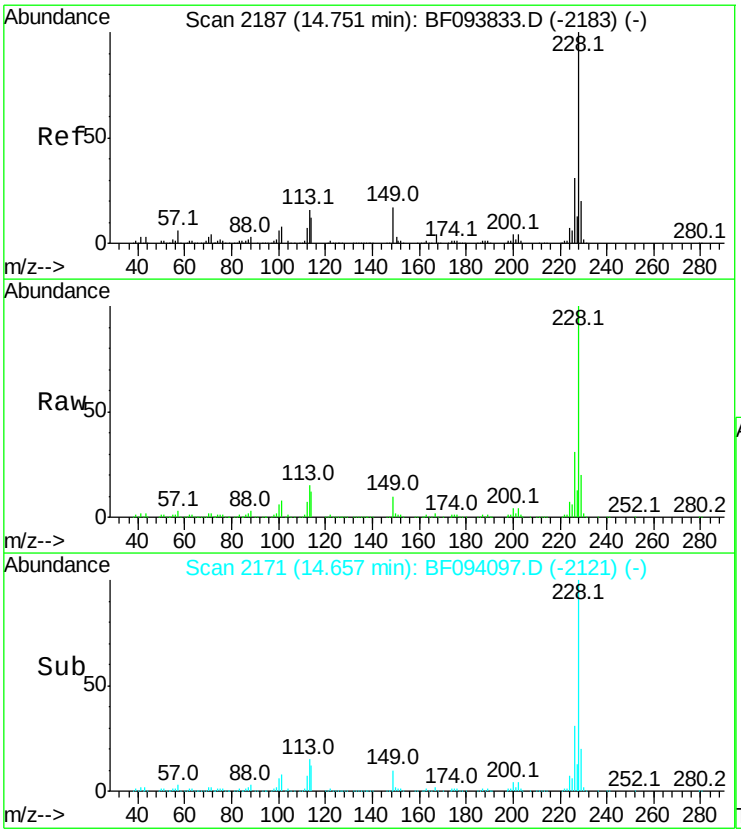

#81
3,3'-Dichlorobenzidine
Concen: 35.68 ng
RT: 14.59 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:252 Resp: 274736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.3 | 51.5 | 77.3 |
| 126 | 13.2 | 15.8 | 23.8# |

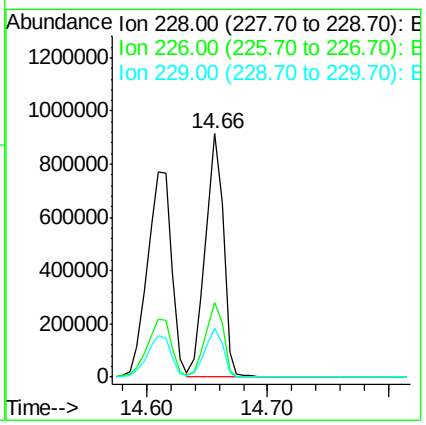


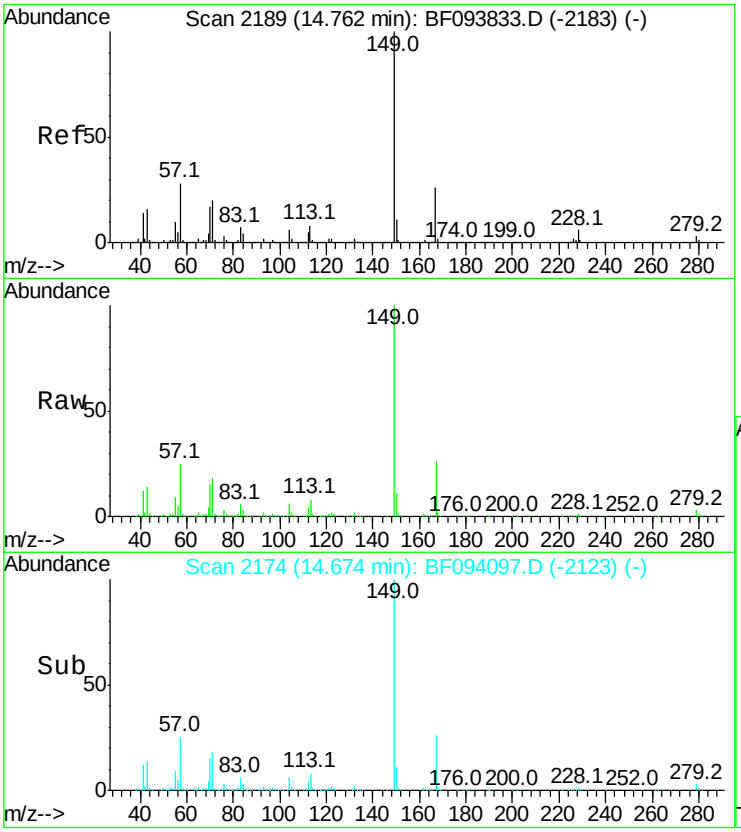




#82
Chrysene
Concen: 47.42 ng
RT: 14.66 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:228 Resp: 947916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.6 | 24.9 | 37.3 |
| 229 | 20.2 | 15.8 | 23.6 |



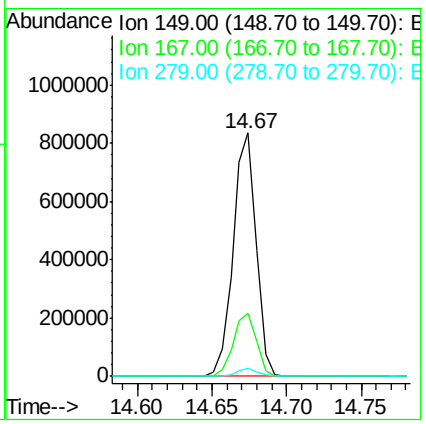


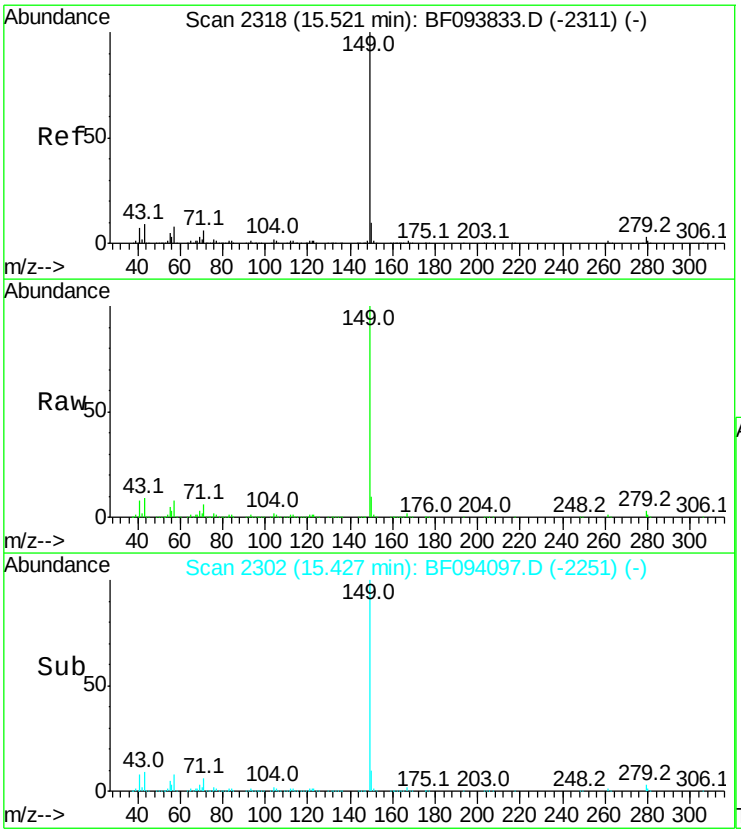

#83
Bis(2-ethylhexyl)phthalate
Concen: 57.58 ng
RT: 14.67 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:149 Resp: 897430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.0 | 21.0 | 31.4 |
| 279 | 3.2 | 1.9 | 2.9# |

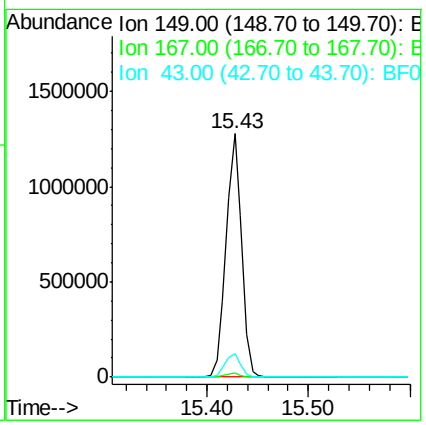


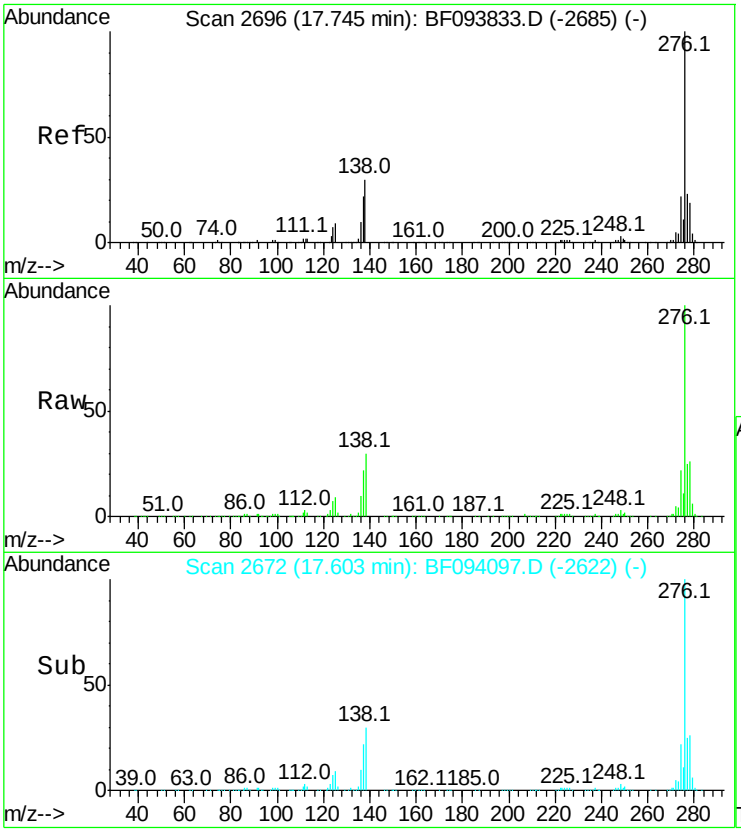




#84
Di-n-octyl phthalate
Concen: 52.14 ng
RT: 15.43 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:149 Resp: 1357494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.2 | 1.8 |
| 43 | 9.3 | 8.5 | 12.7 |



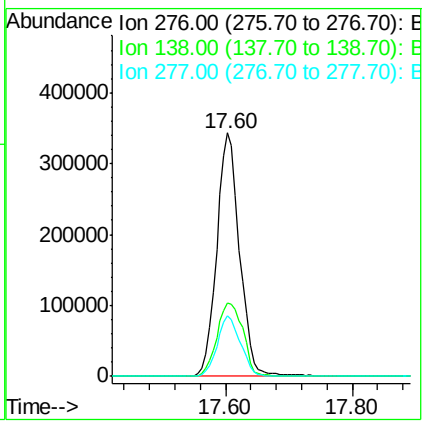


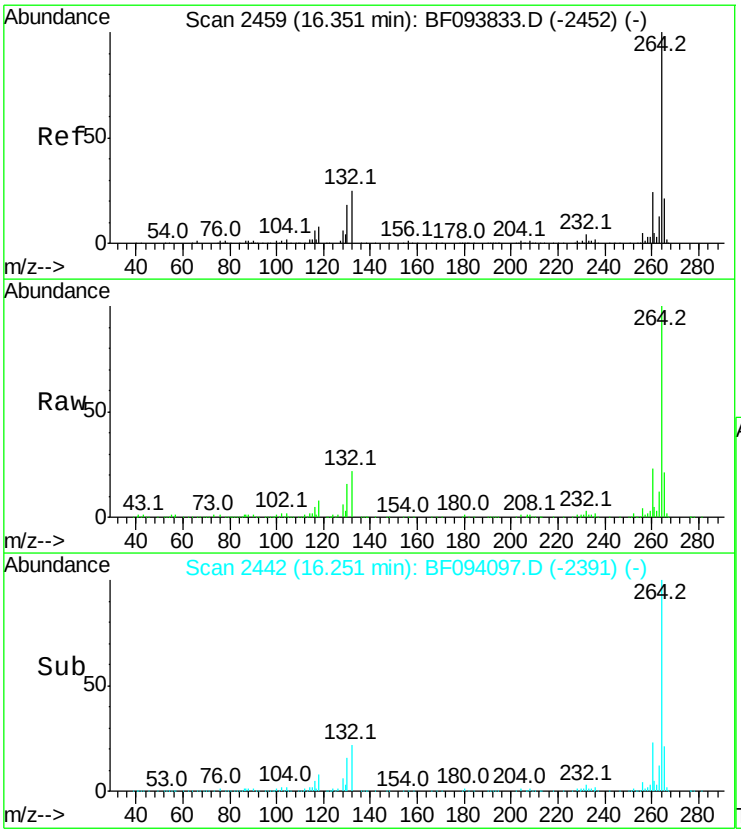

#85
Indeno(1,2,3-cd)pyrene
Concen: 49.48 ng
RT: 17.60 min Scan# 2672
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:276 Resp: 856678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 34.6 | 27.8 | 41.6 |
| 277 | 25.2 | 20.2 | 30.4 |

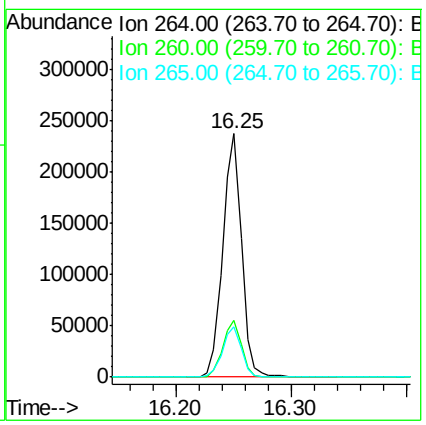


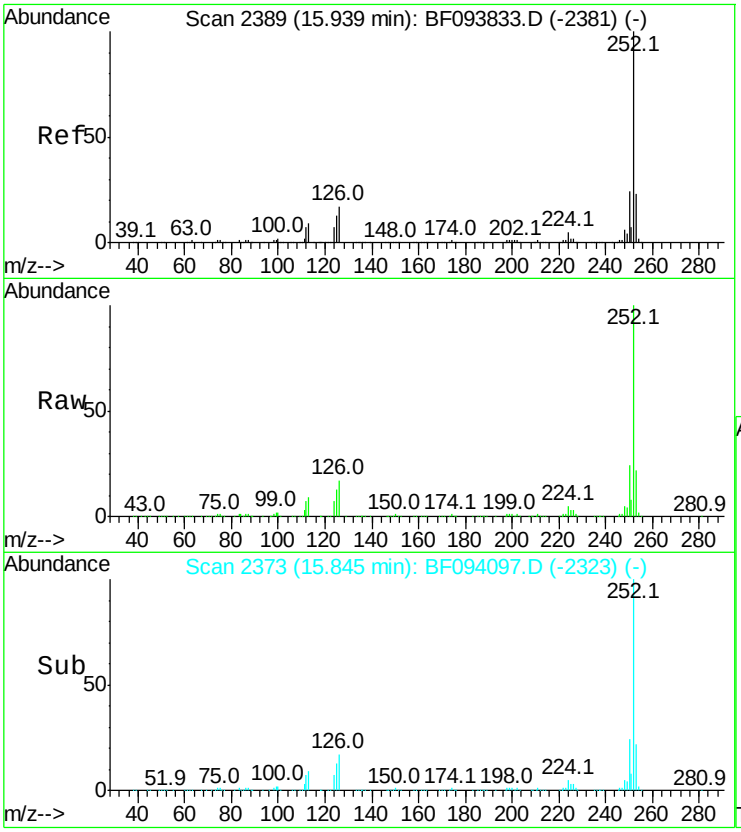




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.25 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:264 Resp: 266704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.2 | 19.5 | 29.3 |
| 265 | 20.5 | 17.2 | 25.8 |



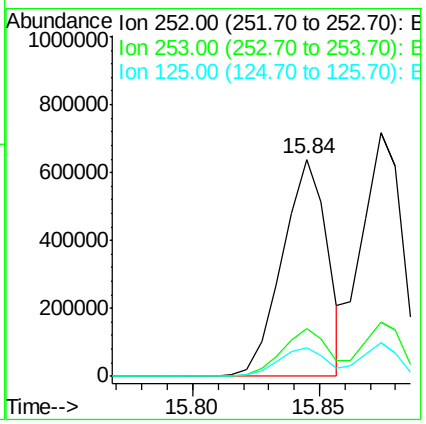


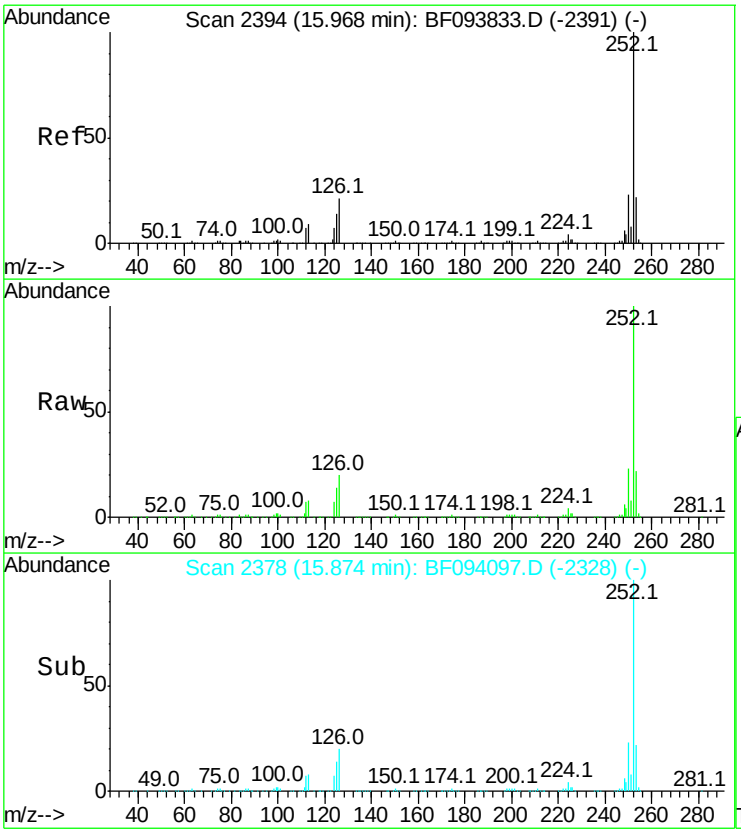

#87
Benzo(b)fluoranthene
Concen: 48.42 ng
RT: 15.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:252 Resp: 791540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 18.1 | 27.1 |
| 125 | 13.4 | 9.8 | 14.8 |

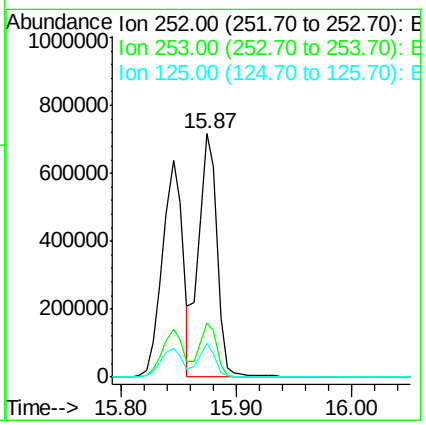


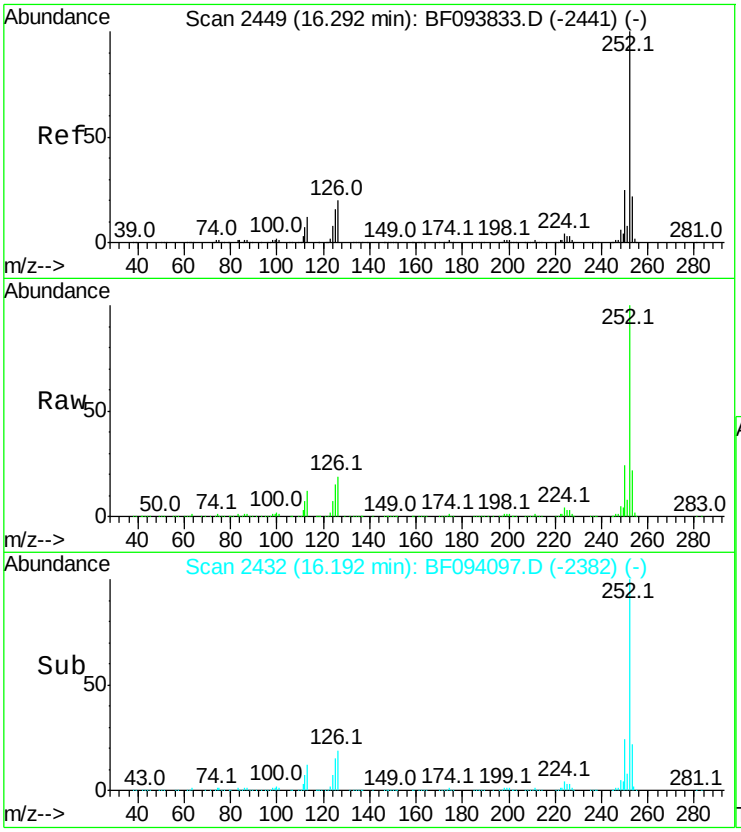




#88
Benzo(k)fluoranthene
Concen: 50.02 ng
RT: 15.87 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:252 Resp: 800065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 18.4 | 27.6 |
| 125 | 13.7 | 13.1 | 19.7 |



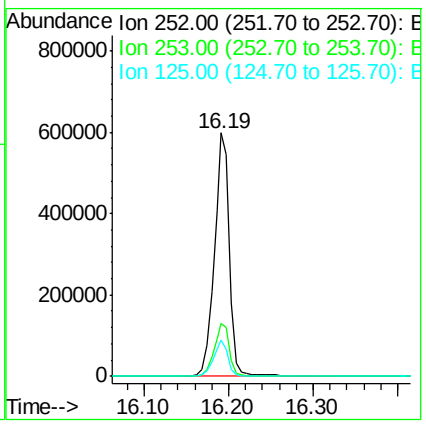


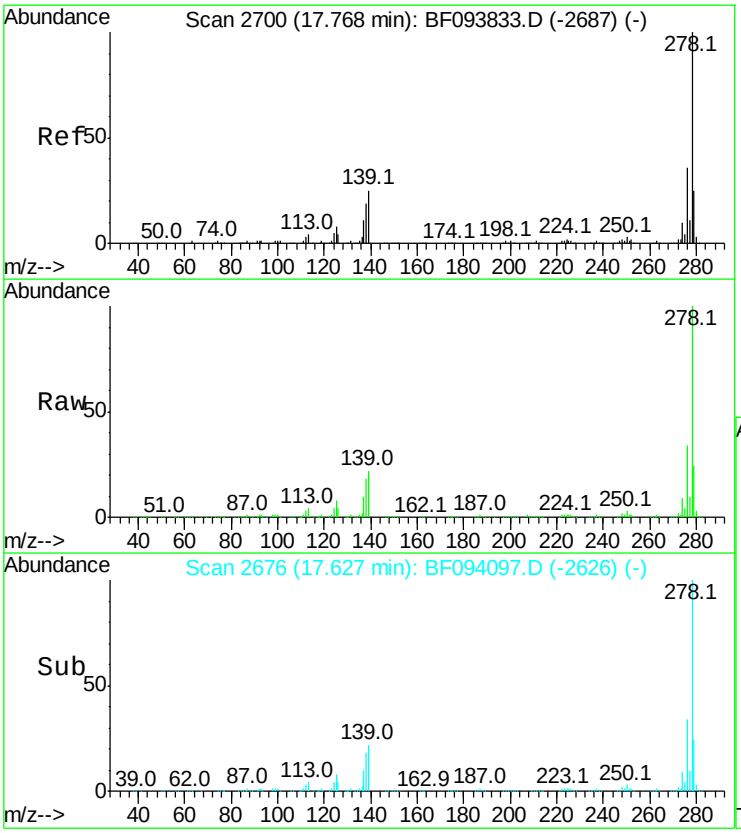

#89
Benzo(a)pyrene
Concen: 49.80 ng
RT: 16.19 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:252 Resp: 749684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 17.5 | 26.3 |
| 125 | 15.1 | 11.0 | 16.4 |

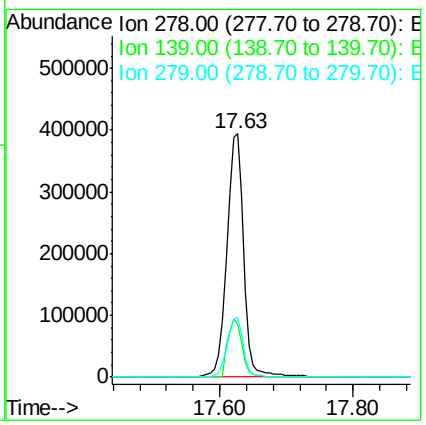


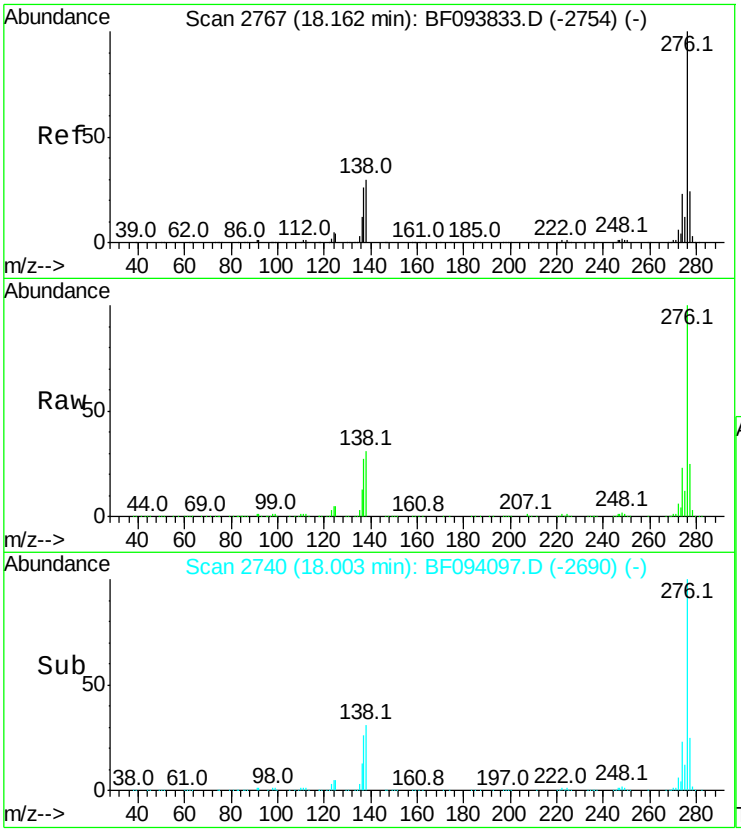




#90
Dibenzo(a,h)anthracene
Concen: 55.25 ng
RT: 17.63 min Scan# 2676
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:278 Resp: 704425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 21.8 | 16.6 | 24.8 |
| 279 | 24.3 | 19.3 | 28.9 |






#91
Benzo(g,h,i)perylene
Concen: 56.95 ng
RT: 18.00 min Scan# 2740
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

**Instrument :**
BNA_F
**ClientSampleId :**
B-42-S2(2.0-2.5)MS

Tgt Ion:276 Resp: 731728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.6 | 18.6 | 28.0 |
| 138 | 30.7 | 25.4 | 38.0 |