Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011017\
Data File : BF092195.D
Acq On : 10 Jan 2017 21:16
Operator : UM/SJ
Sample : I1079-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** USDOT-617122-COMP-0-2MSD

Quant Time: Jan 10 23:35:28 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.63 | 152 | 164912 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 7.92 | 136 | 716470 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 9.67 | 164 | 377514 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 11.16 | 188 | 605916 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.79 | 240 | 324325 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.16 | 264 | 315060 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.24 | 112 | 1361913 | 137.89 | ng | | 0.00 |
| 7) Phenol-d6 | 6.31 | 99 | 1739908 | 144.29 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.20 | 82 | 1174906 | 91.19 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.47 | 330 | 422935 | 135.37 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.01 | 172 | 2079383 | 117.84 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.74 | 244 | 1801659 | 134.73 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.12 | 88 | 165309 | 34.00 | ng | | 98 |
| 3) Pyridine | 2.78 | 79 | 235072 | 13.85 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 2.72 | 42 | 259521 | 40.54 | ng | | 97 |
| 6) Aniline | 6.29 | 93 | 438807 | 28.02 | ng | # | 47 |
| 8) 2-Chlorophenol | 6.42 | 128 | 529588 | 47.14 | ng | | 95 |
| 9) Benzaldehyde | 6.17 | 77 | 36793 | 3.87 | ng | | 89 |
| 10) Phenol | 6.32 | 94 | 858156 | 62.45 | ng | # | 73 |
| 11) bis(2-Chloroethyl)ether | 6.38 | 93 | 516767 | 47.27 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 6.56 | 146 | 507571 | 42.32 | ng | # | 89 |
| 13) 1,4-Dichlorobenzene | 6.64 | 146 | 509454 | 41.73 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 6.80 | 146 | 493792 | 46.62 | ng | | 98 |
| 15) Benzyl Alcohol | 6.79 | 79 | 429393 | 45.83 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.92 | 45 | 709844 | 43.60 | ng | # | 47 |
| 17) 2-Methylphenol | 6.93 | 107 | 423816 | 46.91 | ng | # | 90 |
| 18) Hexachloroethane | 7.13 | 117 | 191263 | 42.26 | ng | # | 88 |
| 19) n-Nitroso-di-n-propylamine | 7.06 | 70 | 433526 | 54.04 | ng | | 95 |
| 20) 3+4-Methylphenols | 7.08 | 107 | 614113 | 56.99 | ng | # | 71 |
| 22) Acetophenone | 7.05 | 105 | 801744 | 45.37 | ng | # | 91 |
| 24) Nitrobenzene | 7.22 | 77 | 635241 | 46.29 | ng | | 93 |
| 25) Isophorone | 7.46 | 82 | 1089385 | 45.83 | ng | | 96 |
| 26) 2-Nitrophenol | 7.54 | 139 | 310112 | 45.82 | ng | # | 81 |
| 27) 2,4-Dimethylphenol | 7.60 | 122 | 503254 | 44.83 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 7.68 | 93 | 711107 | 49.33 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.80 | 162 | 464046 | 48.82 | ng | | 90 |
| 30) 1,2,4-Trichlorobenzene | 7.86 | 180 | 460098 | 44.17 | ng | | 97 |
| 31) Naphthalene | 7.94 | 128 | 1590444 | 48.50 | ng | | 98 |
| 32) Benzoic acid | 7.76 | 122 | 231376 | 27.79 | ng | | 99 |
| 33) 4-Chloroaniline | 8.00 | 127 | 330471 | 22.35 | ng | | 95 |
| 34) Hexachlorobutadiene | 8.06 | 225 | 249987 | 45.47 | ng | | 99 |
| 35) Caprolactam | 8.39 | 113 | 98154 | 31.43 | ng | # | 64 |
| 36) 4-Chloro-3-methylphenol | 8.52 | 107 | 524131 | 47.92 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.63 | 142 | 1008141 | 55.25 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.80 | 216 | 418171 | 43.84 | ng | | 97 |
| 40) Hexachlorocyclopentadiene | 8.79 | 237 | 283176 | 67.33 | ng | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011017\
Data File : BF092195.D
Acq On : 10 Jan 2017 21:16
Operator : UM/SJ
Sample : I1079-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** USDOT-617122-COMP-0-2MSD

Quant Time: Jan 10 23:35:28 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.93 | 196 | 305185 | 45.75 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 8.98 | 196 | 293899 | 42.81 | ng | # | 84 |
| 45) 1,1'-Biphenyl | 9.10 | 154 | 1190416 | 46.05 | ng | | 98 |
| 46) 2-Chloronaphthalene | 9.12 | 162 | 899370 | 43.94 | ng | | 95 |
| 47) 2-Nitroaniline | 9.22 | 65 | 312756 | 42.91 | ng | | 97 |
| 48) Acenaphthylene | 9.53 | 152 | 1339260 | 42.54 | ng | | 99 |
| 49) Dimethylphthalate | 9.42 | 163 | 1367614 | 56.64 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 9.48 | 165 | 248779 | 47.07 | ng | # | 79 |
| 51) Acenaphthene | 9.70 | 154 | 966092 | 45.26 | ng | | 99 |
| 52) 3-Nitroaniline | 9.64 | 138 | 192977 | 29.51 | ng | | 95 |
| 53) 2,4-Dinitrophenol | 9.76 | 184 | 216621 | 73.67 | ng | # | 69 |
| 54) Dibenzofuran | 9.88 | 168 | 1339653 | 46.48 | ng | | 97 |
| 55) 4-Nitrophenol | 9.88 | 139 | 873509 | 196.71 | ng | # | 8 |
| 56) 2,4-Dinitrotoluene | 9.89 | 165 | 336672 | 50.76 | ng | # | 71 |
| 57) Fluorene | 10.22 | 166 | 1094488 | 52.19 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.01 | 232 | 267984 | 49.36 | ng | | 95 |
| 59) Diethylphthalate | 10.12 | 149 | 1175580 | 50.13 | ng | | 95 |
| 60) 4-Chlorophenyl-phenylether | 10.22 | 204 | 470134 | 51.20 | ng | # | 82 |
| 61) 4-Nitroaniline | 10.26 | 138 | 297602 | 43.91 | ng | | 88 |
| 62) Azobenzene | 10.38 | 77 | 1321929 | 51.20 | ng | | 88 |
| 64) 4,6-Dinitro-2-methylphenol | 10.30 | 198 | 184972 | 50.48 | ng | | 88 |
| 65) n-Nitrosodiphenylamine | 10.34 | 169 | 985770 | 54.83 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.70 | 248 | 281083 | 44.60 | ng | | 93 |
| 67) Hexachlorobenzene | 10.77 | 284 | 292941 | 43.48 | ng | # | 83 |
| 68) Atrazine | 10.88 | 200 | 318358 | 54.89 | ng | | 97 |
| 69) Pentachlorophenol | 10.97 | 266 | 270891 | 81.95 | ng | | 99 |
| 70) Phenanthrene | 11.18 | 178 | 2377865 | 72.37 | ng | | 99 |
| 71) Anthracene | 11.24 | 178 | 1798843 | Below Cal | | | 99 |
| 72) Carbazole | 11.40 | 167 | 1528291 | Below Cal | | | 98 |
| 73) Di-n-butylphthalate | 11.73 | 149 | 1763052 | 57.80 | ng | | 98 |
| 74) Fluoranthene | 12.37 | 202 | 2340642 | 84.57 | ng | | 95 |
| 76) Benzidine | 12.49 | 184 | 80721 | 6.45 | ng | | 96 |
| 77) Pyrene | 12.60 | 202 | 2222492 | 93.40 | ng | | 100 |
| 79) Butylbenzylphthalate | 13.21 | 149 | 653922 | 60.42 | ng | | 99 |
| 80) Benzo(a)anthracene | 13.77 | 228 | 1190229 | 65.01 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 13.74 | 252 | 285902 | 41.18 | ng | | 97 |
| 82) Chrysene | 13.82 | 228 | 1127462 | 61.40 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.79 | 149 | 921775 | 72.32 | ng | # | 95 |
| 84) Di-n-octyl phthalate | 14.39 | 149 | 1418944 | 60.10 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 16.45 | 276 | 961274 | 60.42 | ng | | 98 |
| 87) Benzo(b)fluoranthene | 14.81 | 252 | 2014154 | 102.68 | ng | # | 95 |
| 88) Benzo(k)fluoranthene | 14.81 | 252 | 2014154 | 120.42 | ng | # | 96 |
| 89) Benzo(a)pyrene | 15.11 | 252 | 965273 | 55.44 | ng | # | 95 |
| 90) Dibenzo(a,h)anthracene | 16.45 | 278 | 754589 | 52.73 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 16.83 | 276 | 840140 | 56.46 | ng | | 96 |

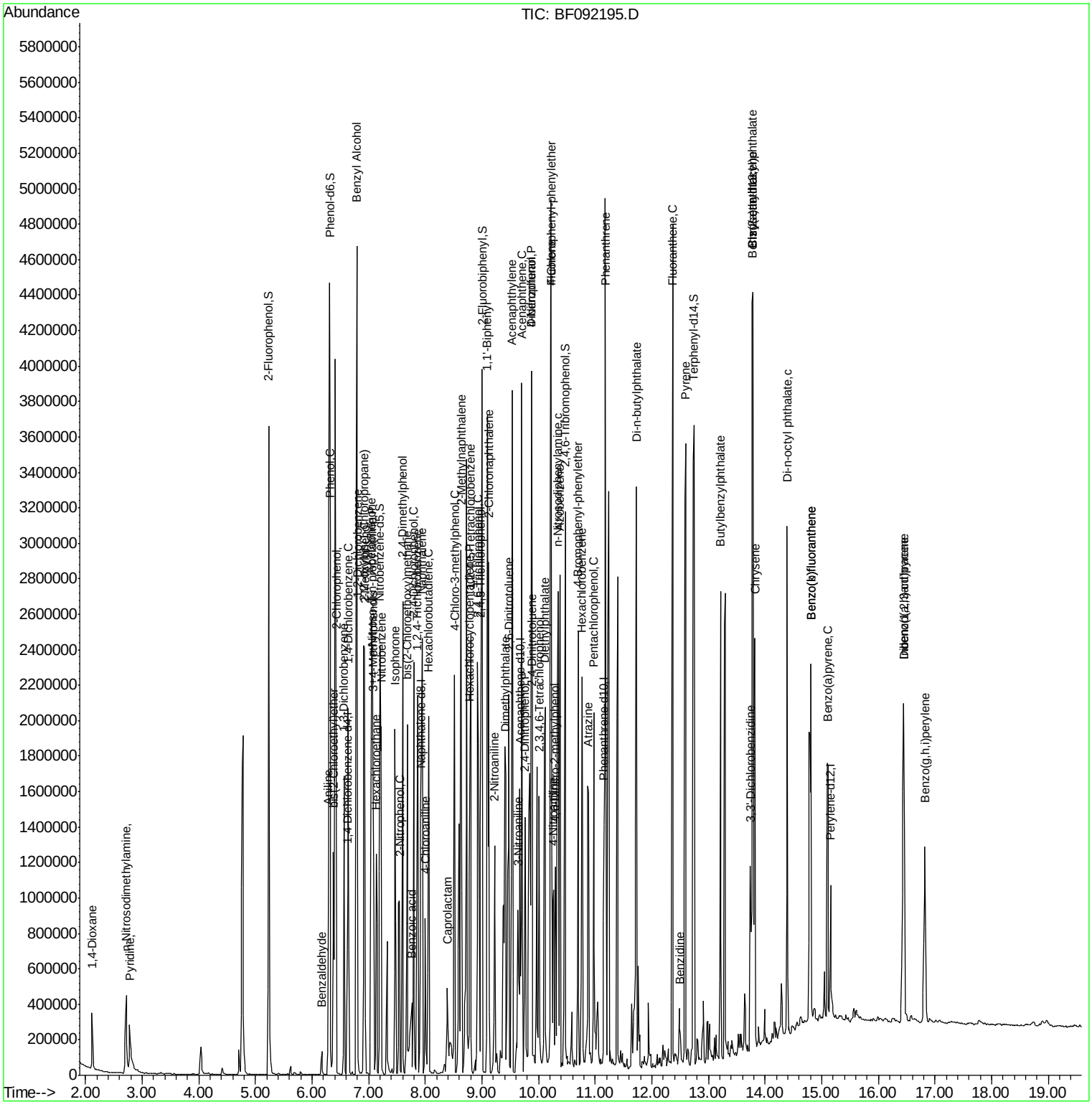
(#) = qualifier out of range (m) = manual integration (+) = signals summed

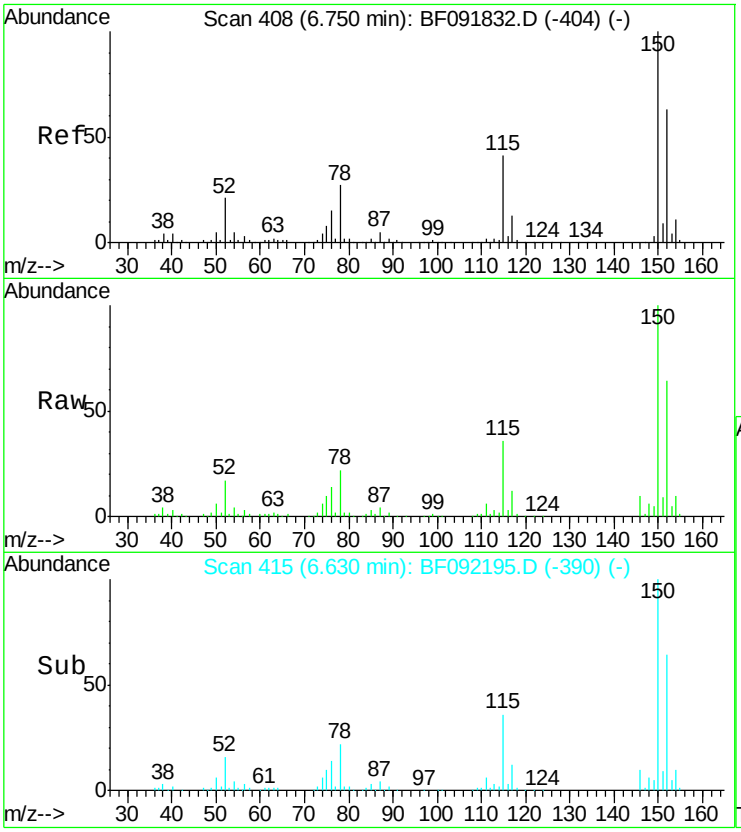
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011017\
Data File : BF092195.D
Acq On : 10 Jan 2017 21:16
Operator : UM/SJ
Sample : I1079-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Quant Time: Jan 10 23:35:28 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration



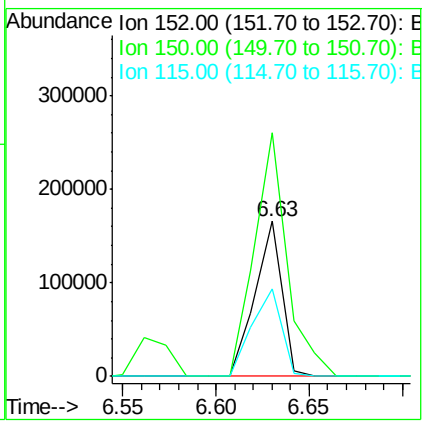


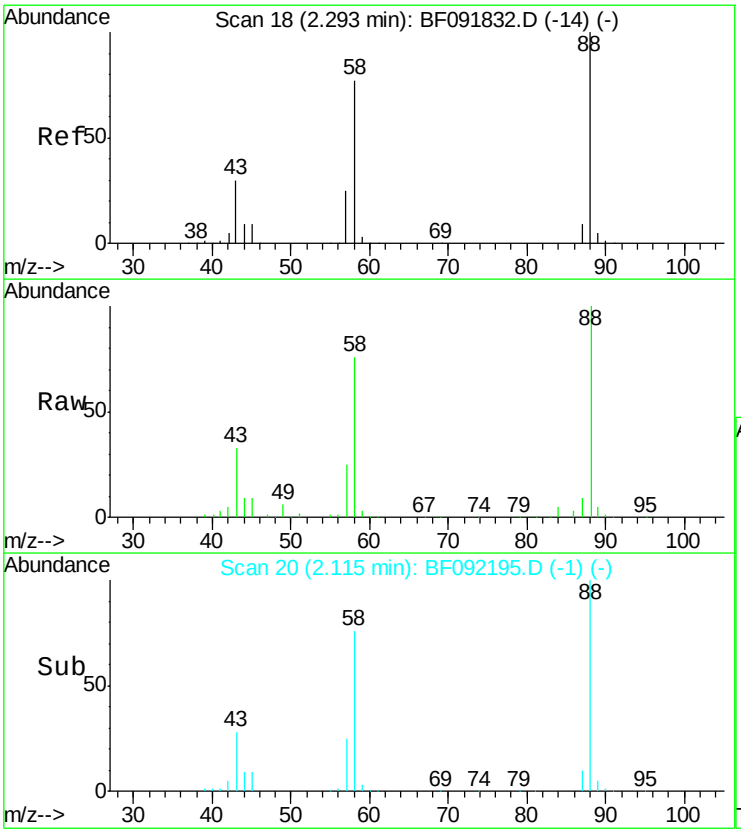

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:152 Resp: 164912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.3 | 124.9 | 187.3 |
| 115 | 56.4 | 46.0 | 69.0 |

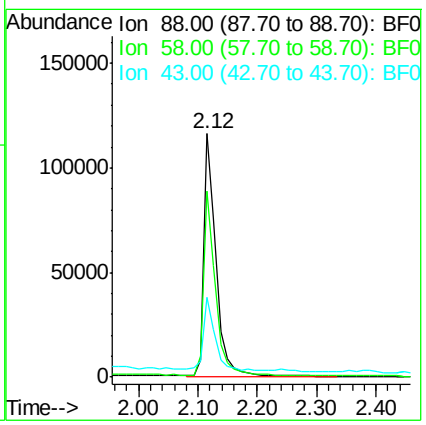


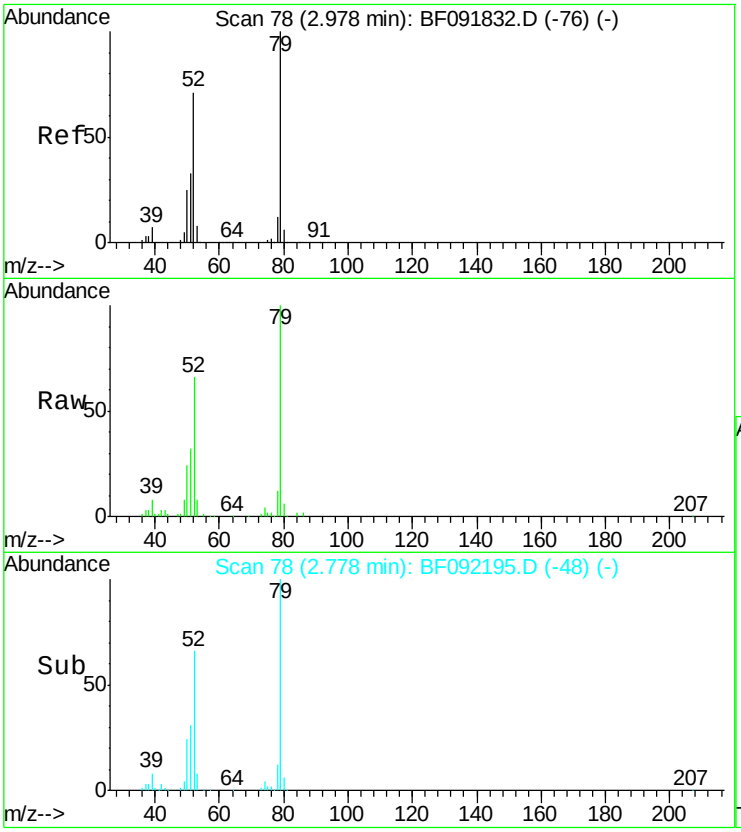




#2
1,4-Dioxane
Concen: 34.00 ng
RT: 2.12 min Scan# 20
Delta R.T. 0.03 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion: 88 Resp: 165309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 74.2 | 57.8 | 86.8 |
| 43 | 29.1 | 22.3 | 33.5 |



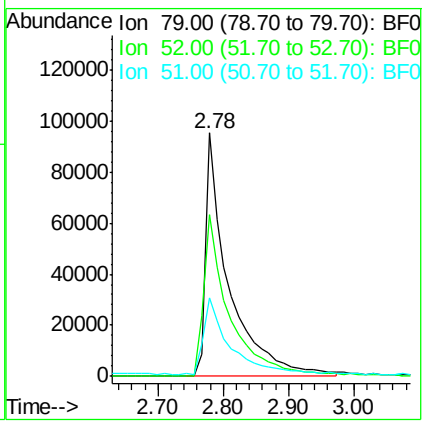


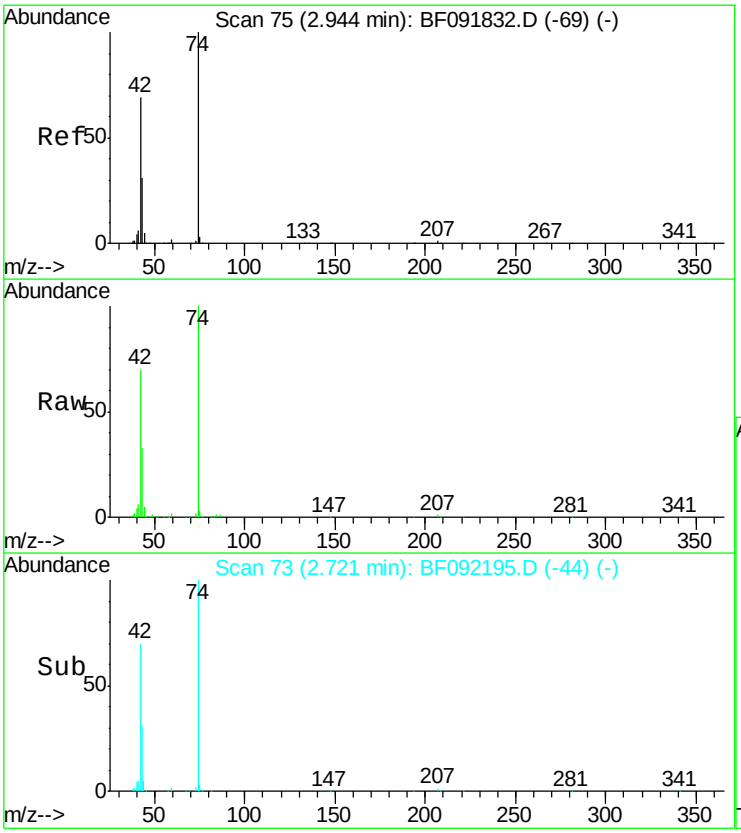

#3
Pyridine
Concen: 13.85 ng
RT: 2.78 min Scan# 78
Delta R.T. 0.05 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion: 79 Resp: 235072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 66.5 | 57.1 | 85.7 |
| 51 | 32.3 | 27.3 | 40.9 |

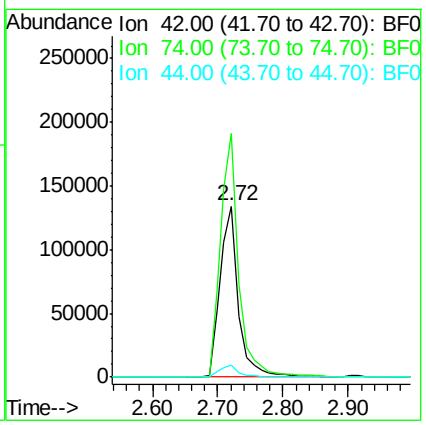


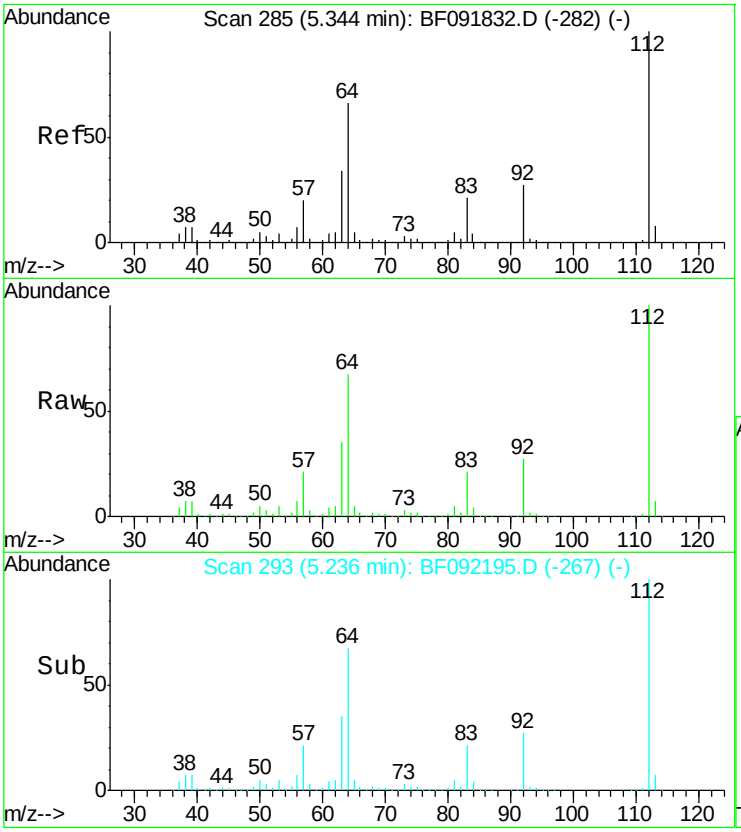




#4
n-Nitrosodimethylamine
Concen: 40.54 ng
RT: 2.72 min Scan# 73
Delta R.T. 0.03 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion: 42 Resp: 259521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 142.5 | 117.0 | 175.4 |
| 44 | 6.8 | 5.5 | 8.3 |



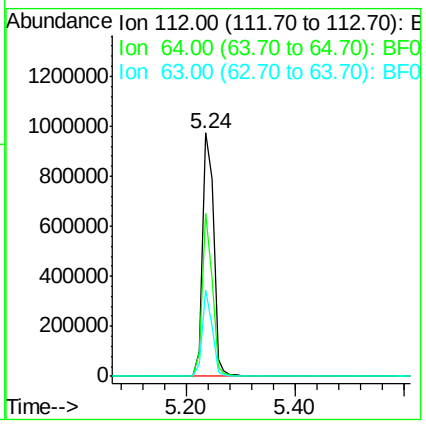


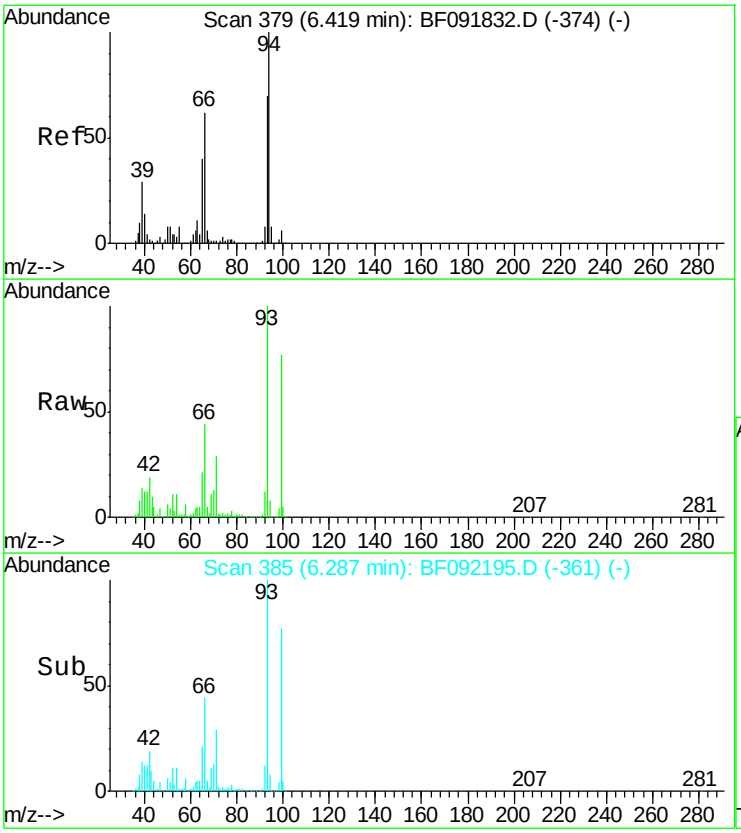

#5
2-Fluorophenol
Concen: 137.89 ng
RT: 5.24 min Scan# 293
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:112 Resp: 1361913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 67.1 | 46.1 | 69.1 |
| 63 | 35.3 | 23.8 | 35.6 |

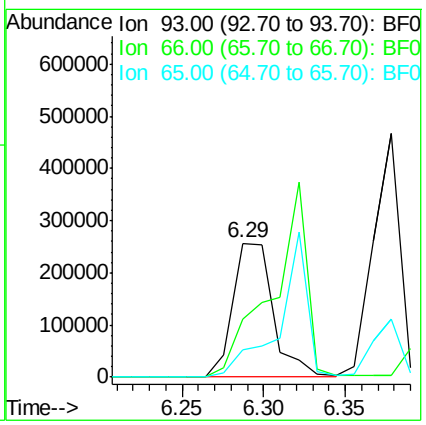


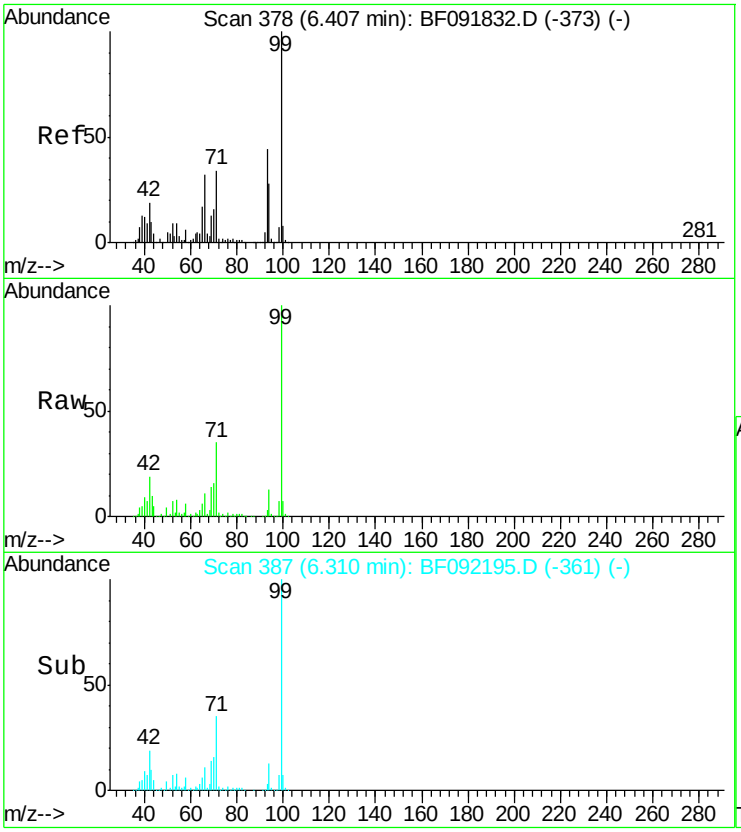




#6
Aniline
Concen: 28.02 ng
RT: 6.29 min Scan# 385
Delta R.T. -0.02 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion: 93 Resp: 438807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 43.8 | 76.2 | 114.2# |
| 65 | 20.5 | 49.3 | 73.9# |



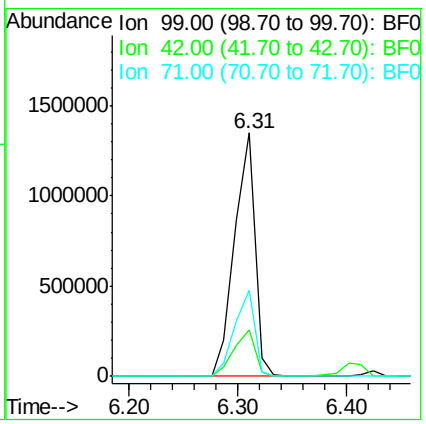


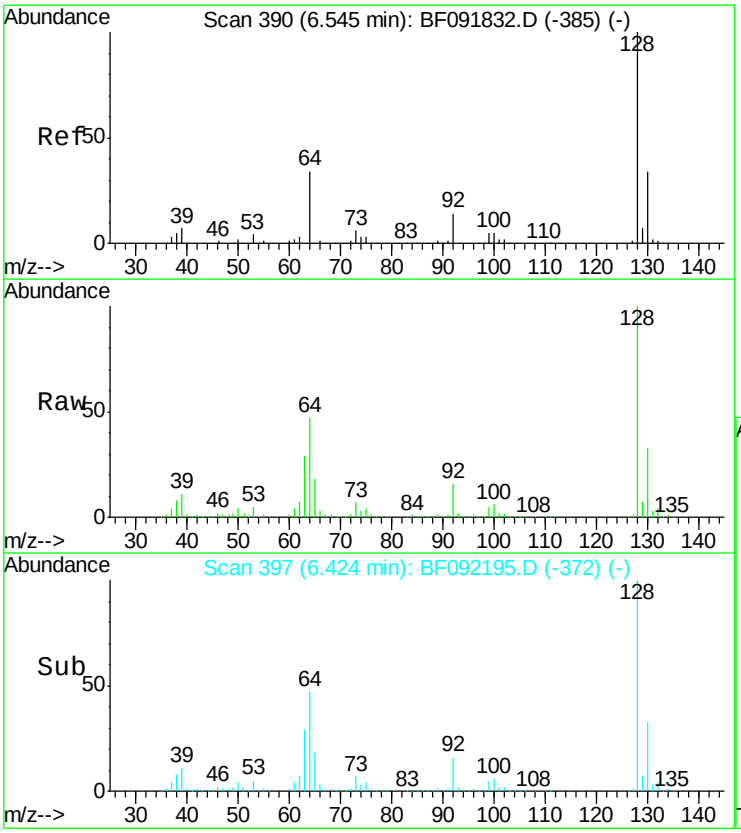

#7
Phenol-d6
Concen: 144.29 ng
RT: 6.31 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion: 99 Resp: 1739908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.1 | 15.6 | 23.4 |
| 71 | 35.2 | 27.5 | 41.3 |

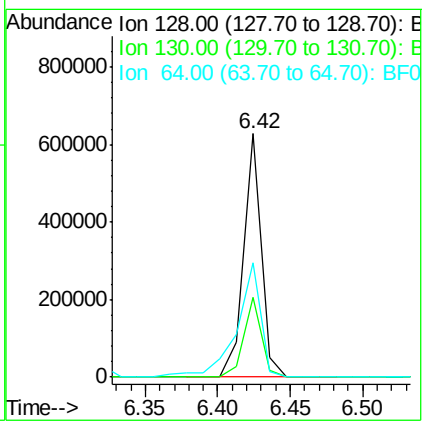


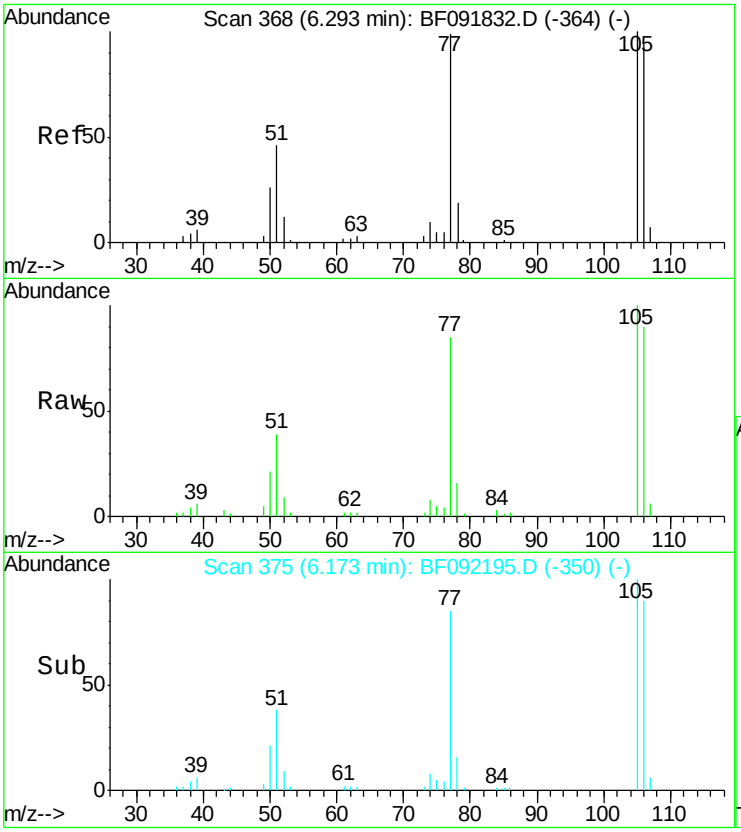




#8
2-Chlorophenol
Concen: 47.14 ng
RT: 6.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:128 Resp: 529588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.0 | 12.3 | 52.3 |
| 64 | 47.2 | 32.2 | 72.2 |



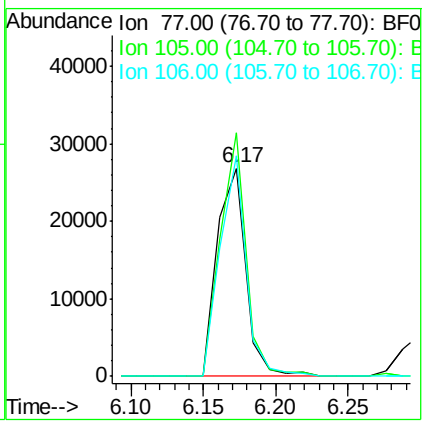


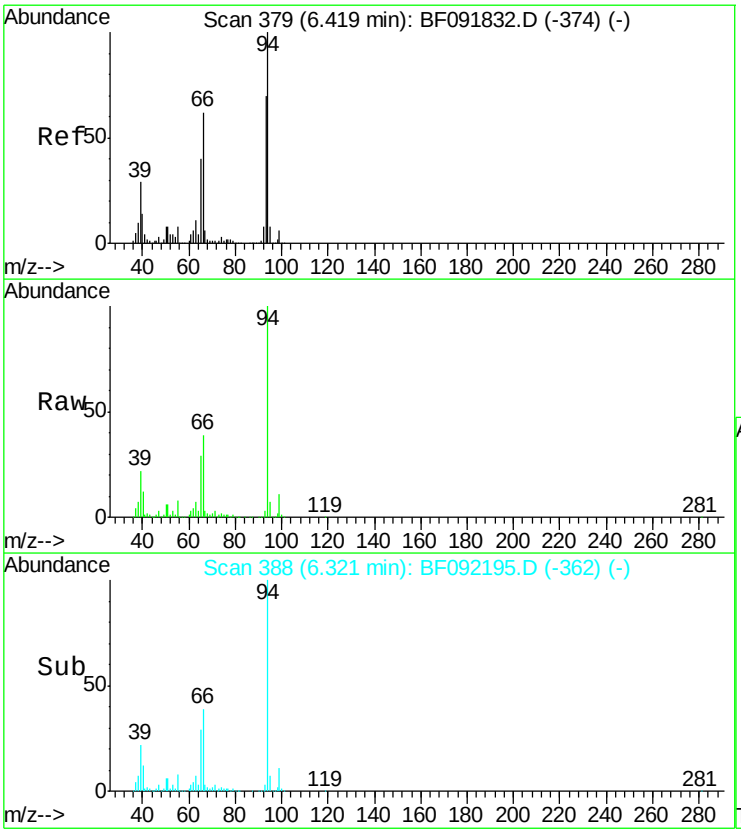

#9
Benzaldehyde
Concen: 3.87 ng
RT: 6.17 min Scan# 375
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion: 77 Resp: 36793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 117.1 | 83.9 | 123.9 |
| 106 | 105.9 | 77.6 | 117.6 |

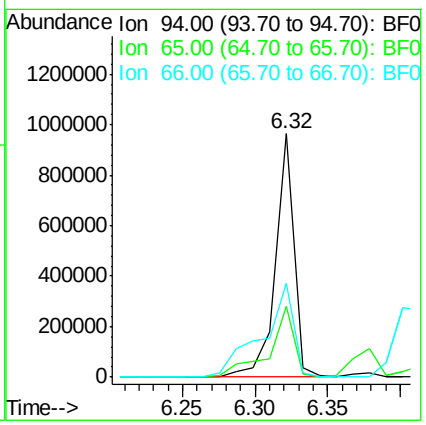


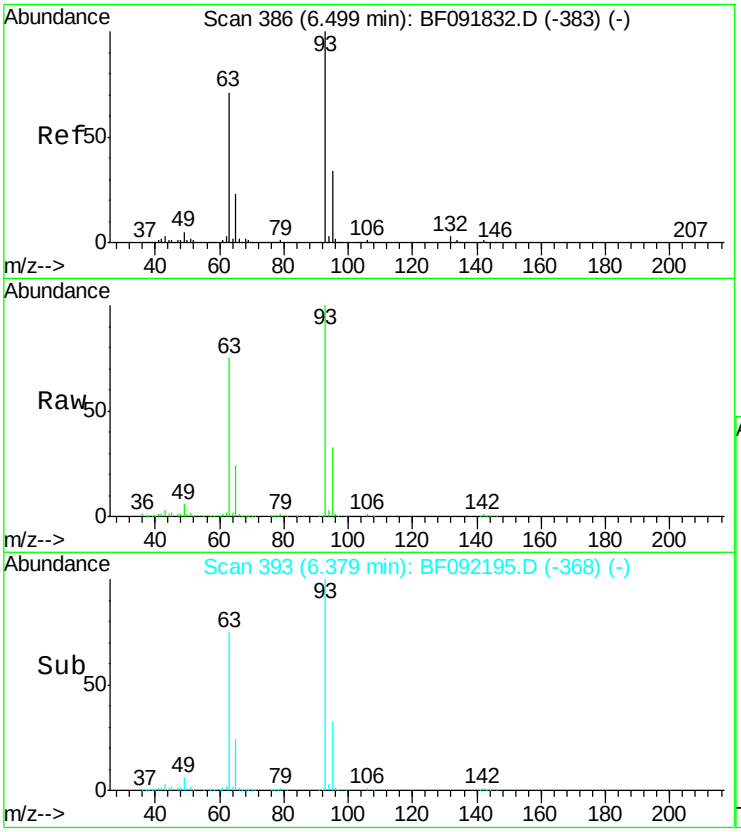




#10
Phenol
Concen: 62.45 ng
RT: 6.32 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion: 94 Resp: 858156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 28.9 | 21.4 | 61.4 |
| 66 | 38.7 | 44.0 | 84.0# |



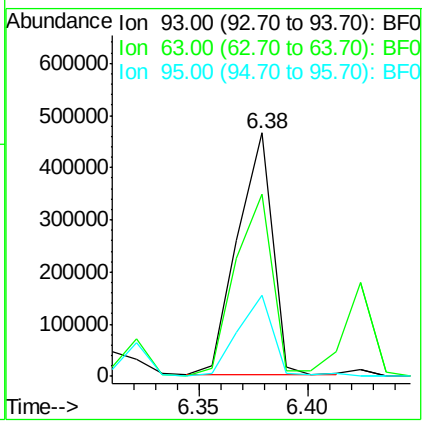


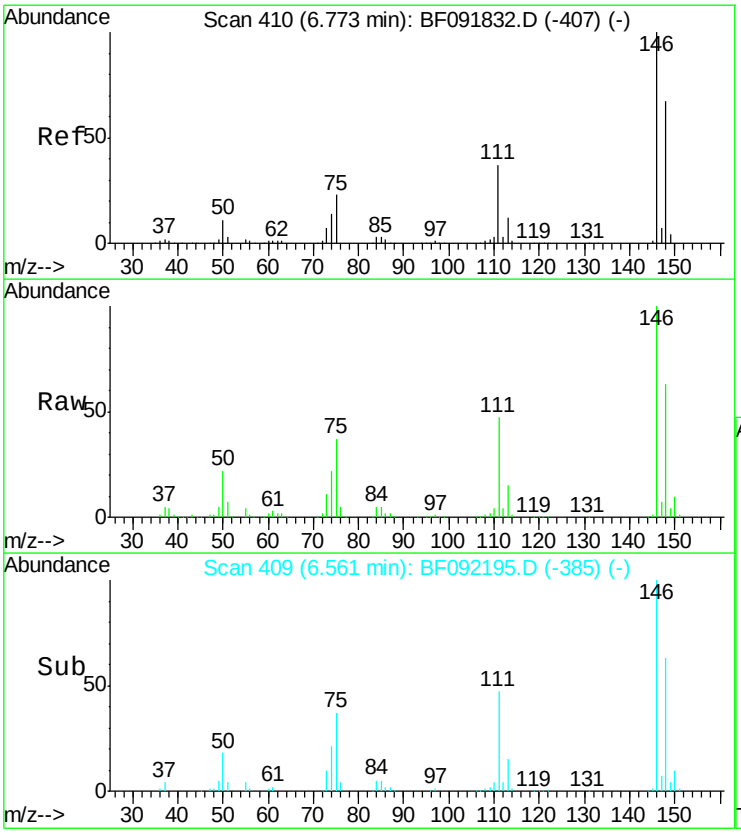

#11
bis(2-Chloroethyl)ether
Concen: 47.27 ng
RT: 6.38 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion: 93 Resp: 516767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 74.6 | 60.4 | 100.4 |
| 95 | 33.4 | 12.8 | 52.8 |

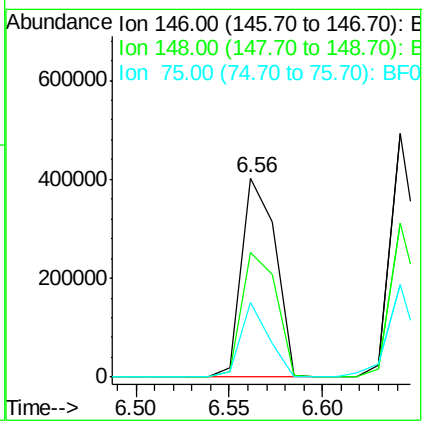


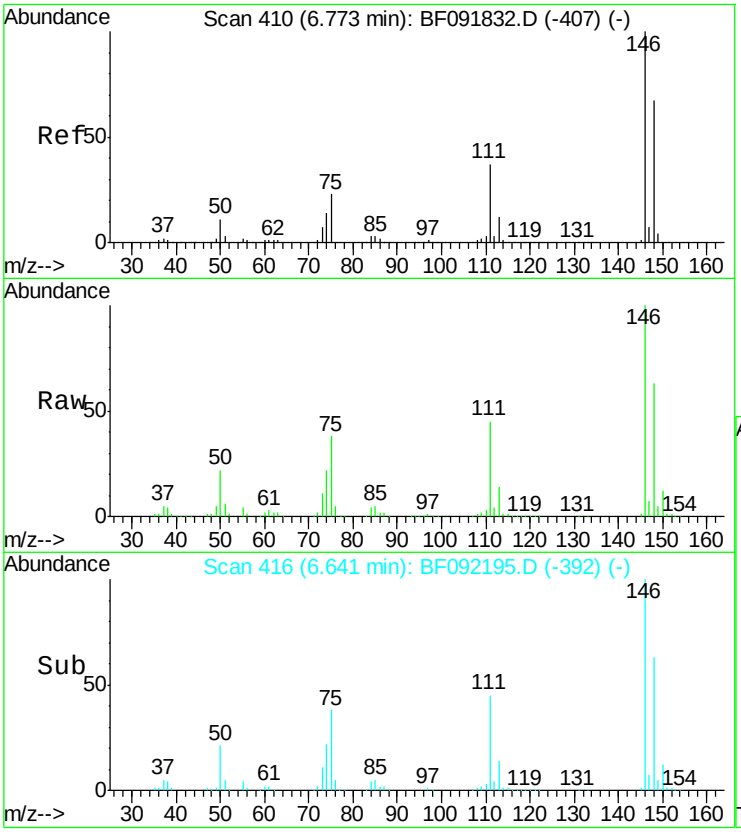




#12
1,3-Dichlorobenzene
Concen: 42.32 ng
RT: 6.56 min Scan# 409
Delta R.T. -0.02 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:146 Resp: 507571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.8 | 53.4 | 80.0 |
| 75 | 37.5 | 18.5 | 27.7# |



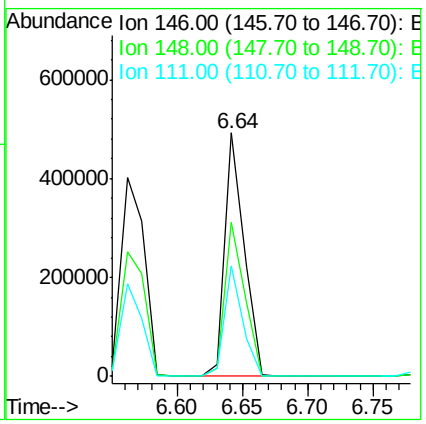


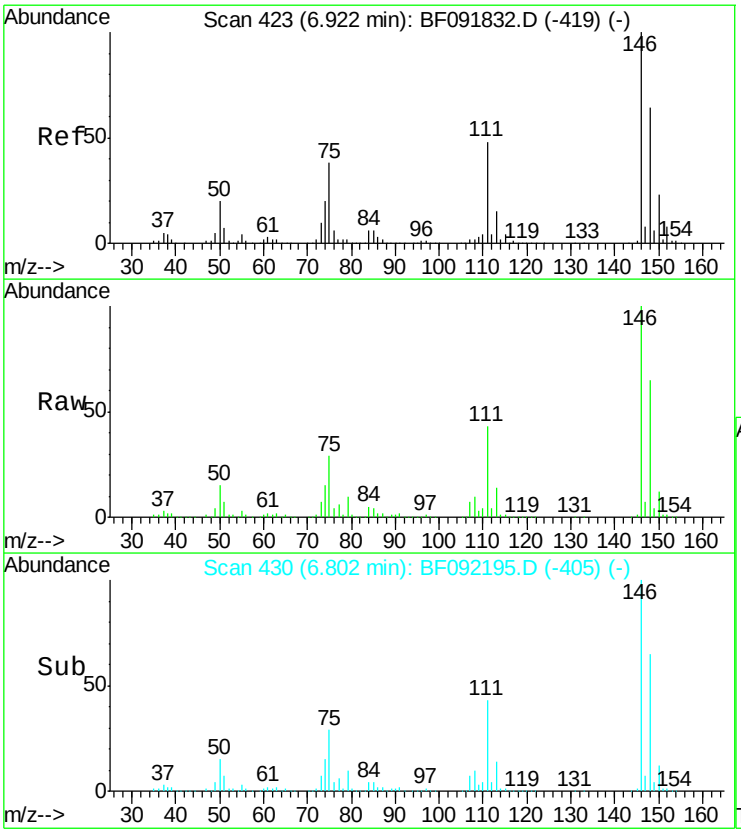

#13
1,4-Dichlorobenzene
Concen: 41.73 ng
RT: 6.64 min Scan# 416
Delta R.T. -0.02 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:146 Resp: 509454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.1 | 50.6 | 76.0 |
| 111 | 45.2 | 36.2 | 54.4 |

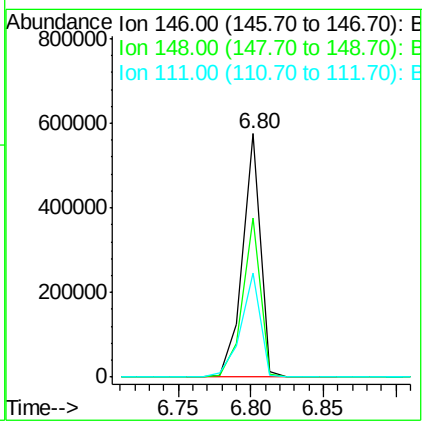


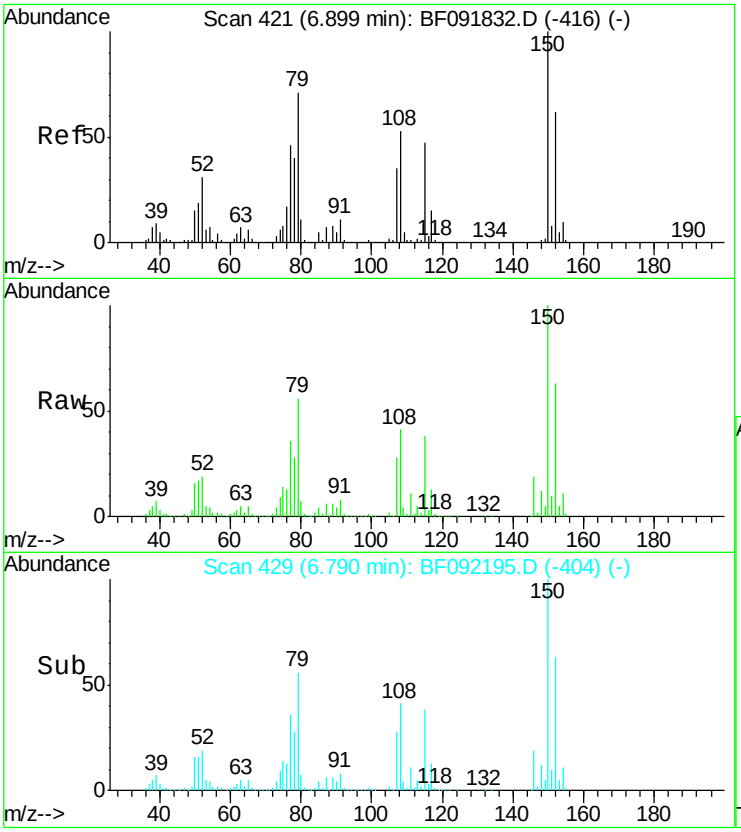




#14
1,2-Dichlorobenzene
Concen: 46.62 ng
RT: 6.80 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:146 Resp: 493792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.1 | 52.2 | 78.2 |
| 111 | 42.5 | 36.2 | 54.2 |



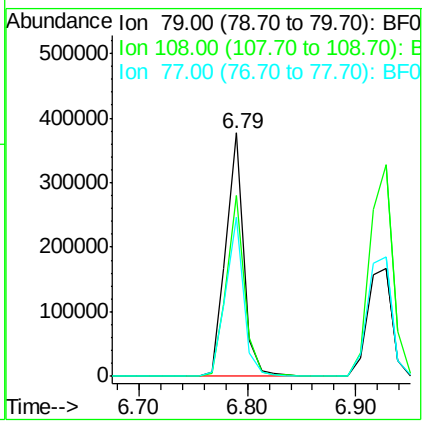


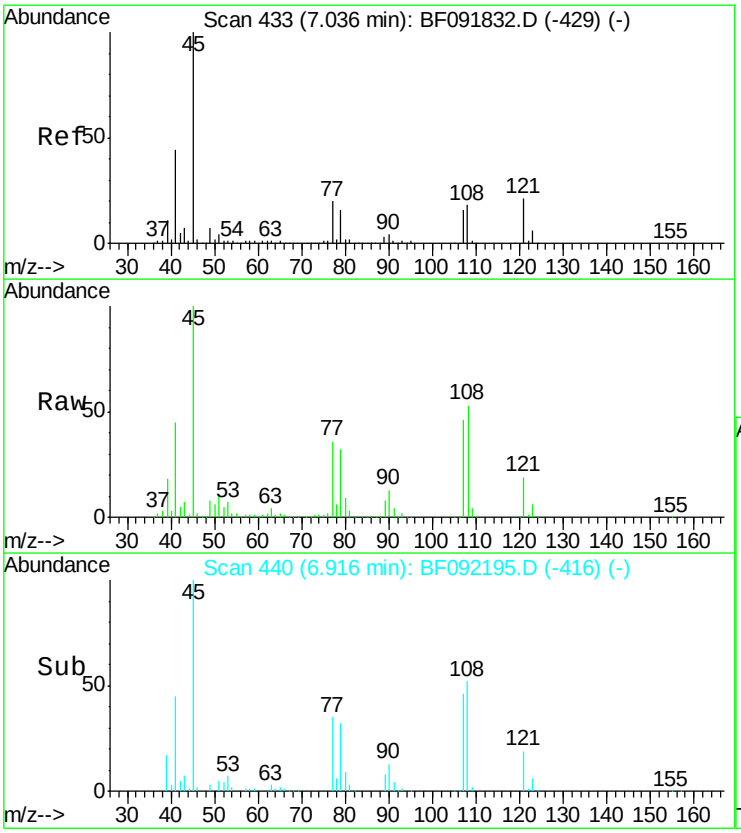

#15
Benzyl Alcohol
Concen: 45.83 ng
RT: 6.79 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion: 79 Resp: 429393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 74.3 | 61.4 | 92.0 |
| 77 | 65.3 | 50.9 | 76.3 |

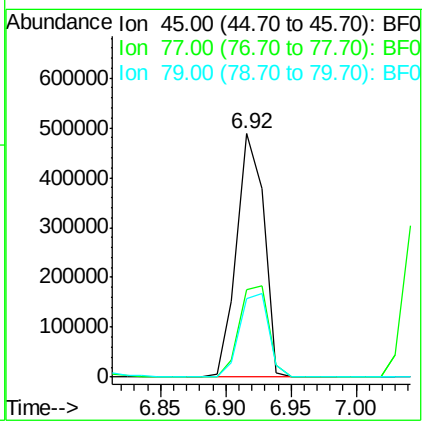


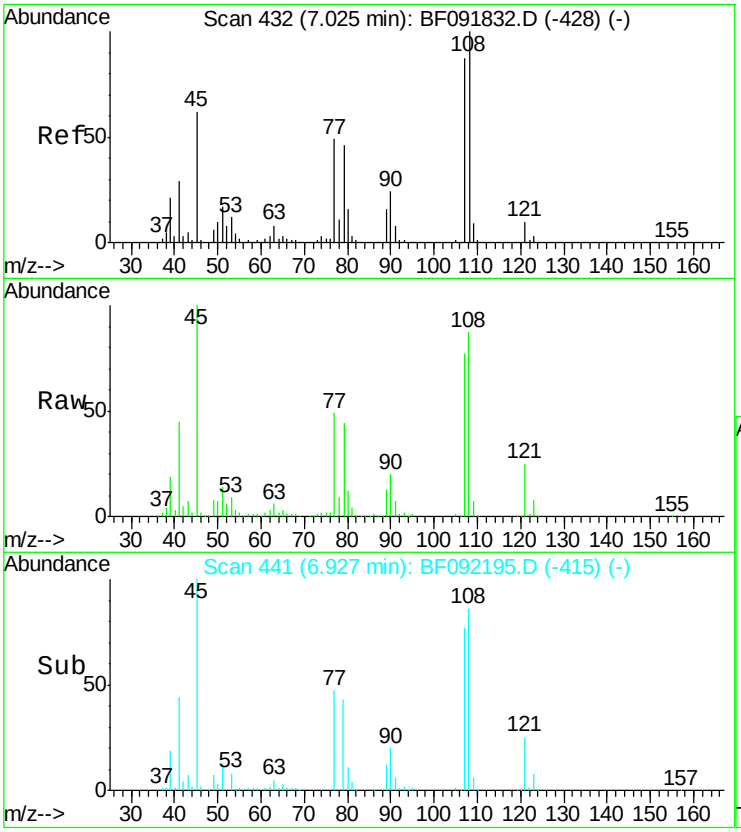




#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.60 ng
RT: 6.92 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion: 45 Resp: 709844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 35.8 | 0.0 | 34.6# |
| 79 | 32.3 | 0.0 | 31.2# |



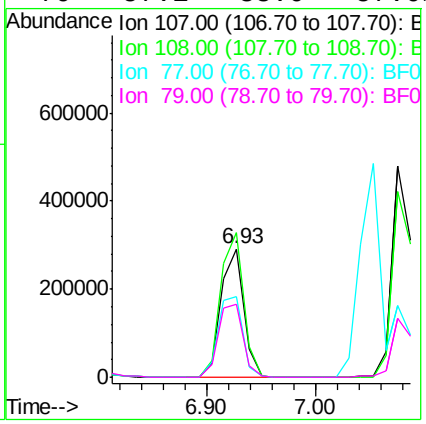


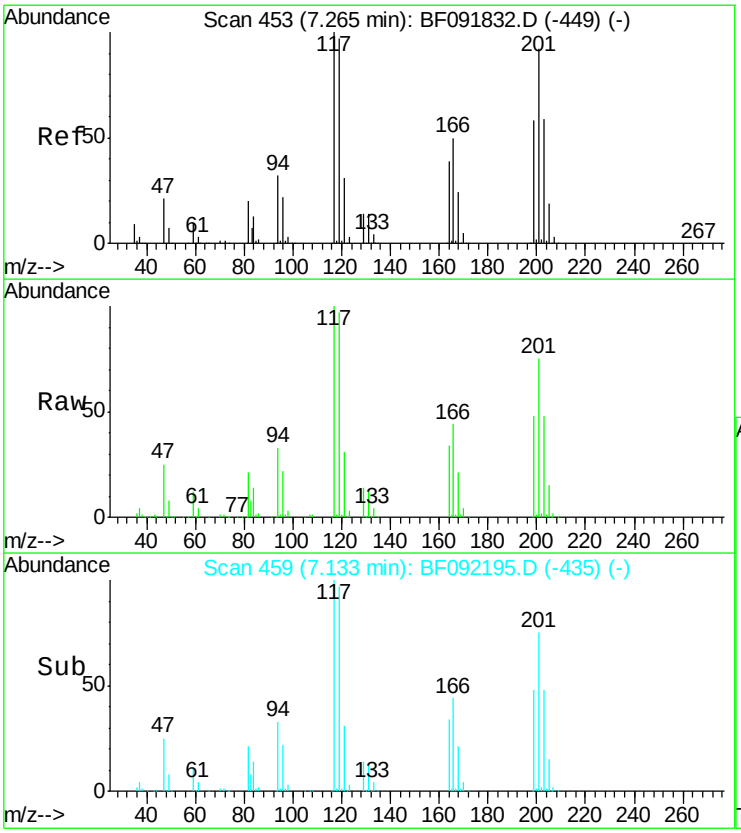

#17
2-Methylphenol
Concen: 46.91 ng
RT: 6.93 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:107 Resp: 423816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.4 | 93.0 | 139.6 |
| 77 | 63.0 | 39.8 | 59.8# |
| 79 | 57.1 | 38.0 | 57.0# |

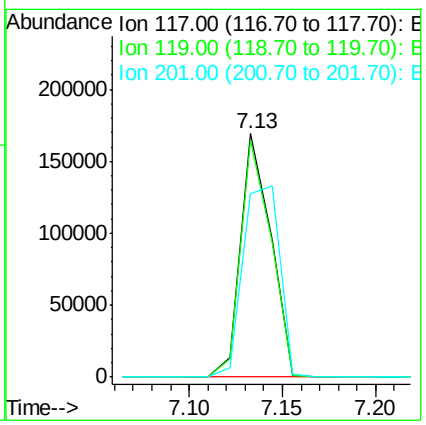


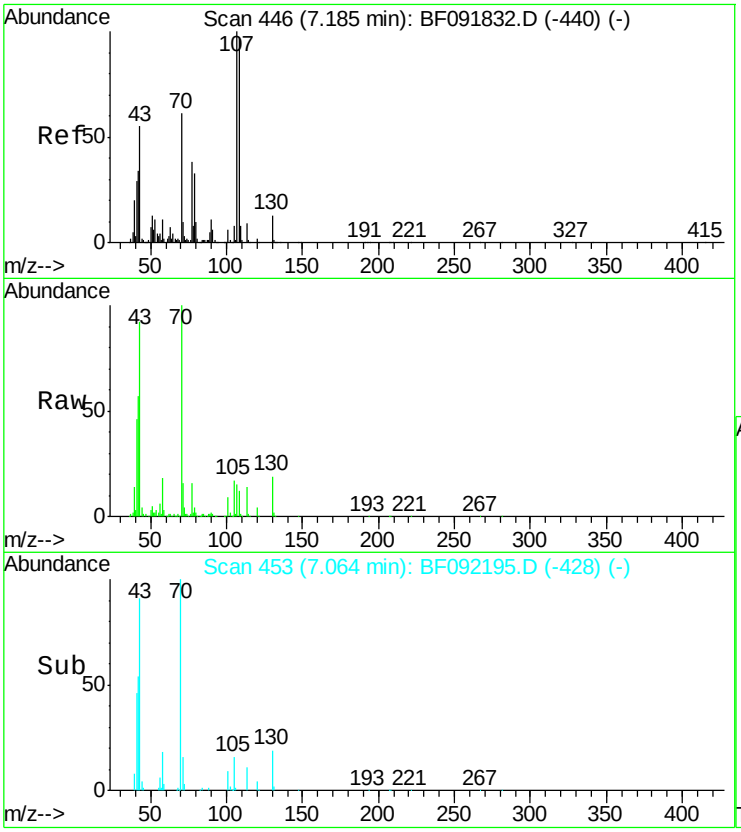




#18
Hexachloroethane
Concen: 42.26 ng
RT: 7.13 min Scan# 459
Delta R.T. -0.02 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:117 Resp: 191263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.2 | 78.1 | 117.1 |
| 201 | 75.4 | 78.6 | 117.8# |



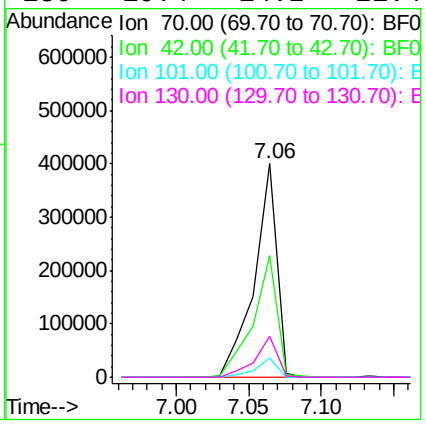


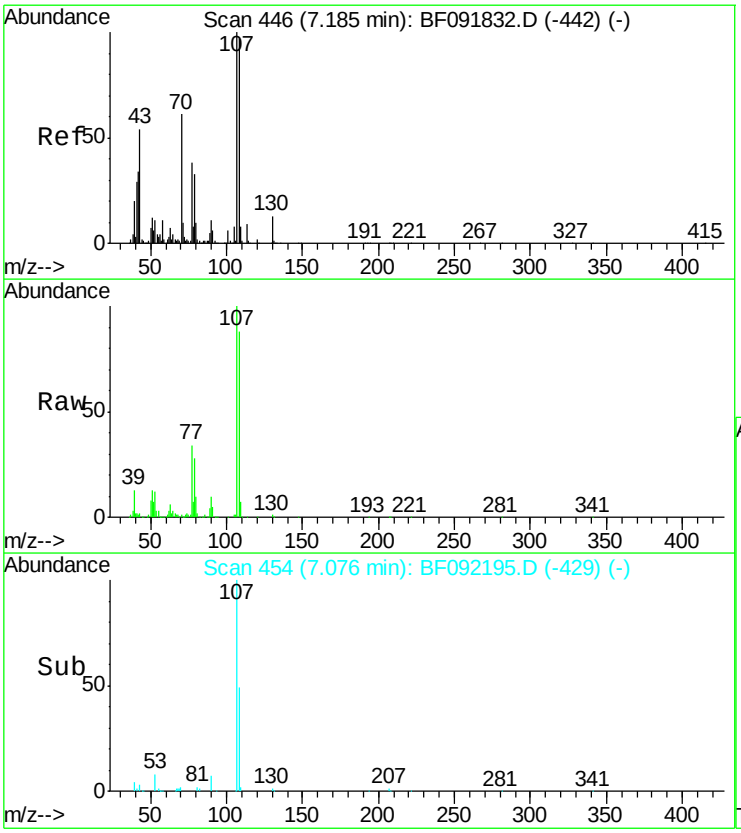

#19
n-Nitroso-di-n-propylamine
Concen: 54.04 ng
RT: 7.06 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion: 70 Resp: 433526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 57.0 | 49.4 | 74.0 |
| 101 | 9.2 | 7.4 | 11.2 |
| 130 | 19.4 | 14.2 | 21.4 |

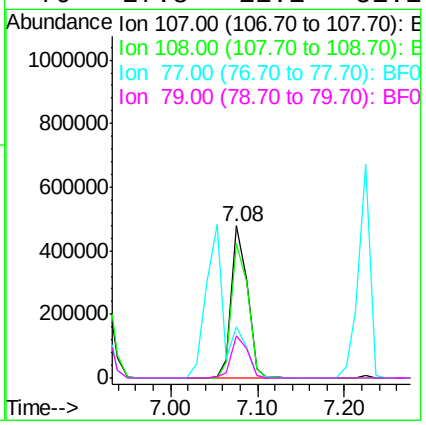


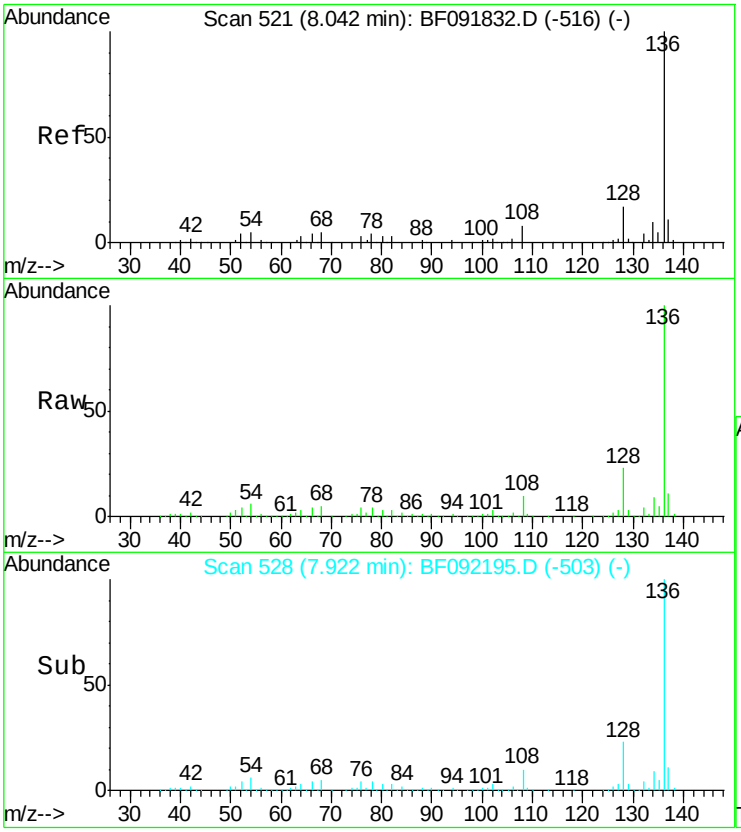




#20
3+4-Methylphenols
Concen: 56.99 ng
RT: 7.08 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:107 Resp: 614113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.1 | 73.0 | 113.0 |
| 77 | 33.9 | 71.3 | 111.3# |
| 79 | 27.8 | 11.1 | 51.1 |



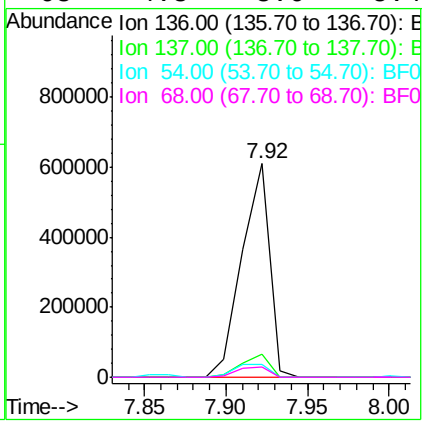


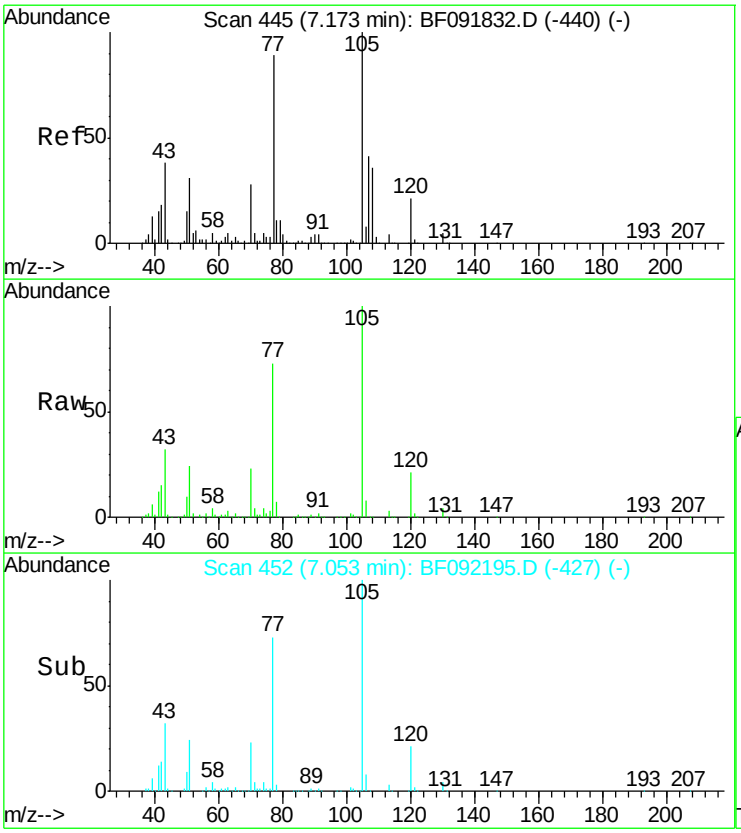

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:136 Resp: 716470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.4 | 12.6 |
| 54 | 5.9 | 4.5 | 6.7 |
| 68 | 4.8 | 3.6 | 5.4 |

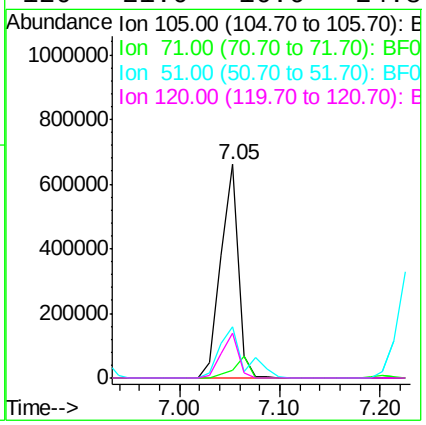


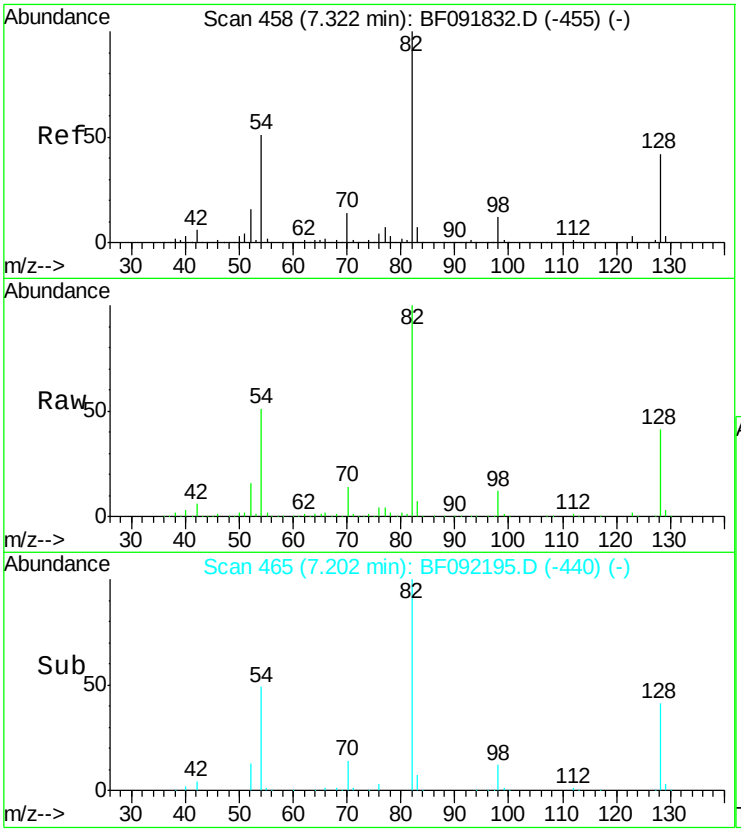




#22
Acetophenone
Concen: 45.37 ng
RT: 7.05 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:105 Resp: 801744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 3.8 | 3.2 | 4.8 |
| 51 | 24.2 | 26.2 | 39.4# |
| 120 | 21.0 | 16.6 | 24.8 |



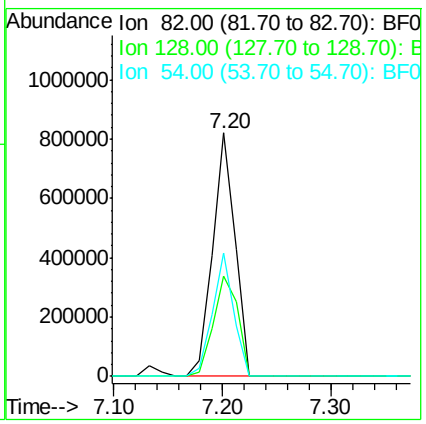


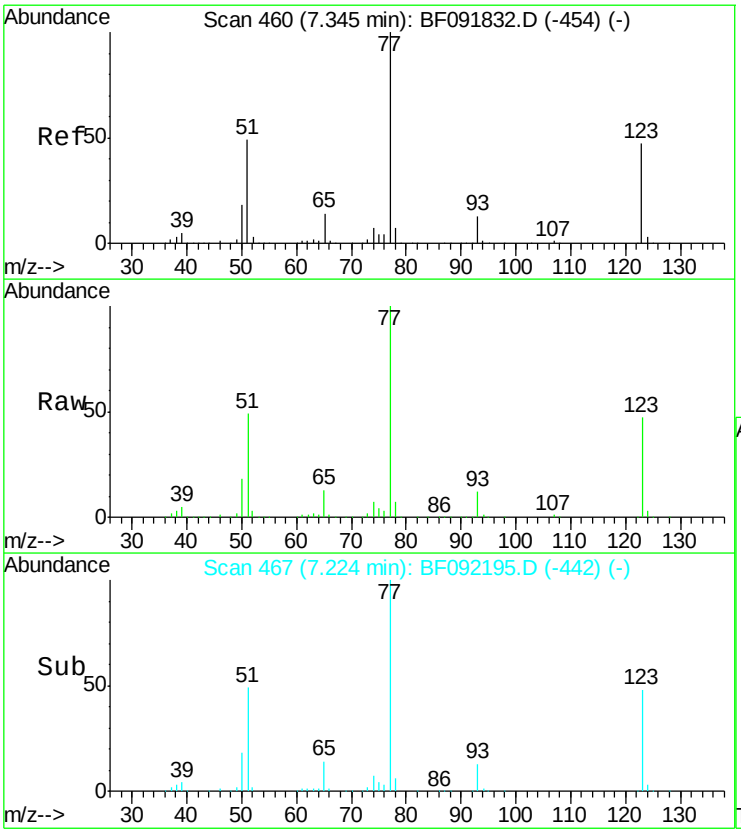

#23
Nitrobenzene-d5
Concen: 91.19 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion: 82 Resp: 1174906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.3 | 34.6 | 52.0 |
| 54 | 50.7 | 39.5 | 59.3 |

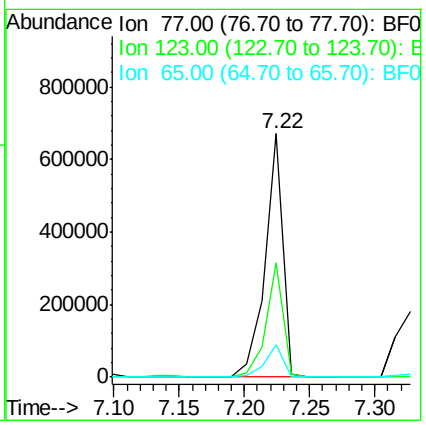


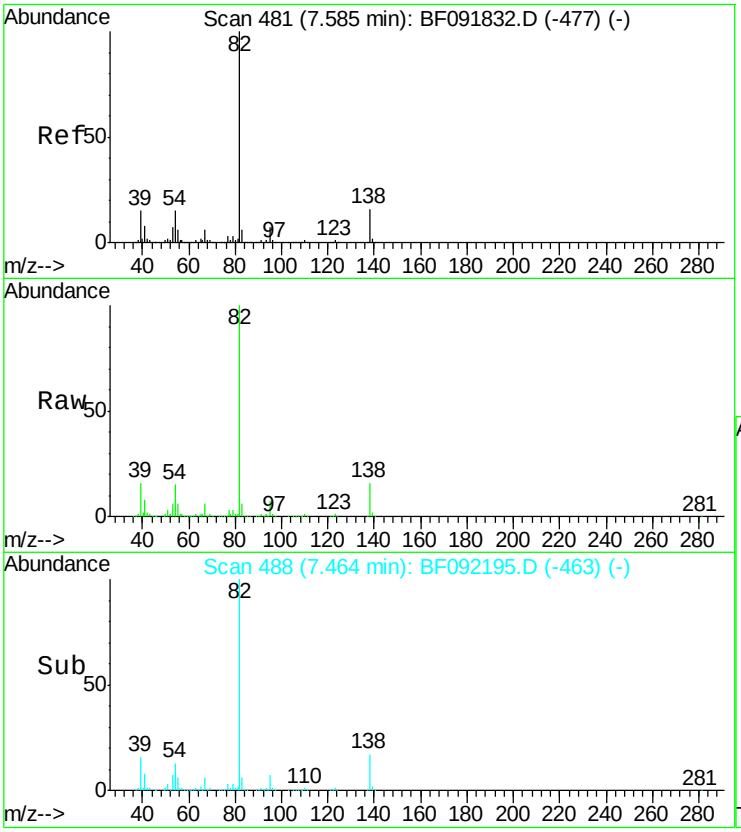




#24
Nitrobenzene
Concen: 46.29 ng
RT: 7.22 min Scan# 467
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion: 77 Resp: 635241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 46.8 | 33.0 | 49.4 |
| 65 | 13.4 | 11.2 | 16.8 |



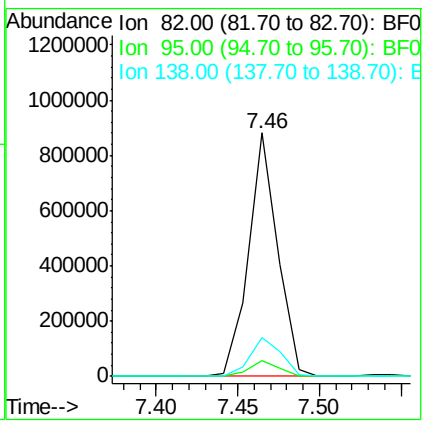


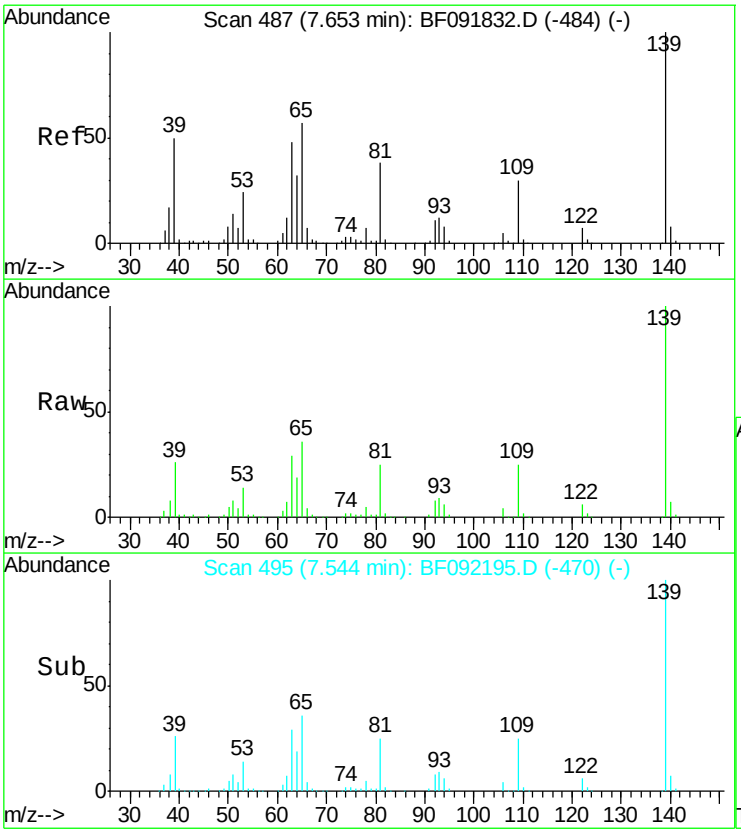

#25
Isophorone
Concen: 45.83 ng
RT: 7.46 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion: 82 Resp: 1089385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.7 | 5.6 | 8.4 |
| 138 | 15.8 | 14.6 | 22.0 |

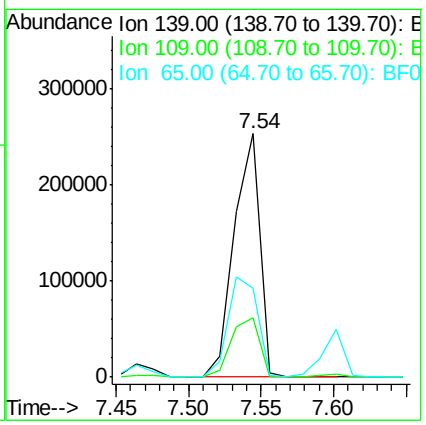


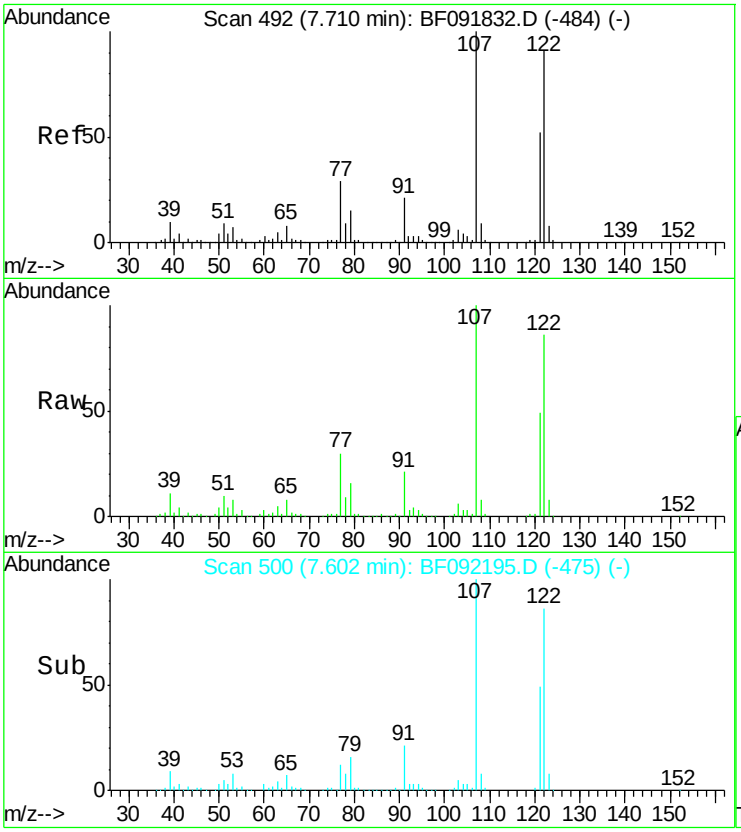




#26
2-Nitrophenol
Concen: 45.82 ng
RT: 7.54 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:139 Resp: 310112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 24.6 | 23.3 | 34.9 |
| 65 | 36.3 | 42.7 | 64.1# |



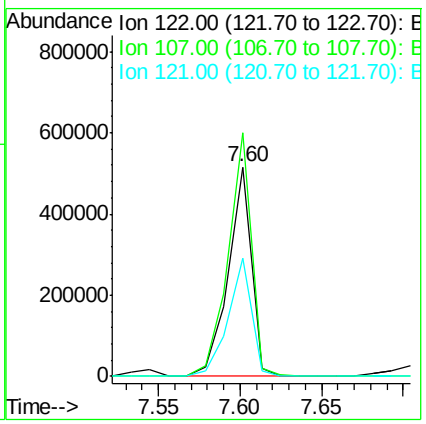


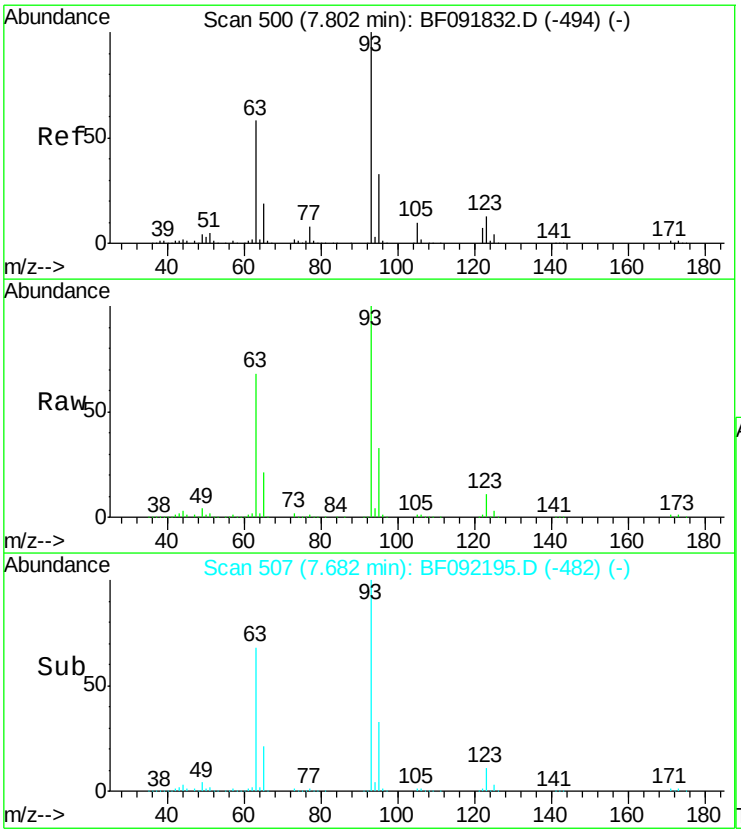

#27
2,4-Dimethylphenol
Concen: 44.83 ng
RT: 7.60 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:122 Resp: 503254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 116.3 | 94.1 | 141.1 |
| 121 | 56.6 | 46.0 | 69.0 |

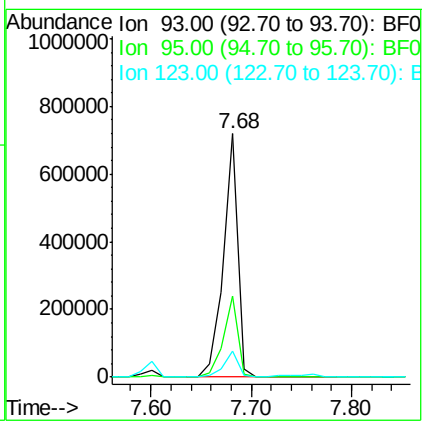


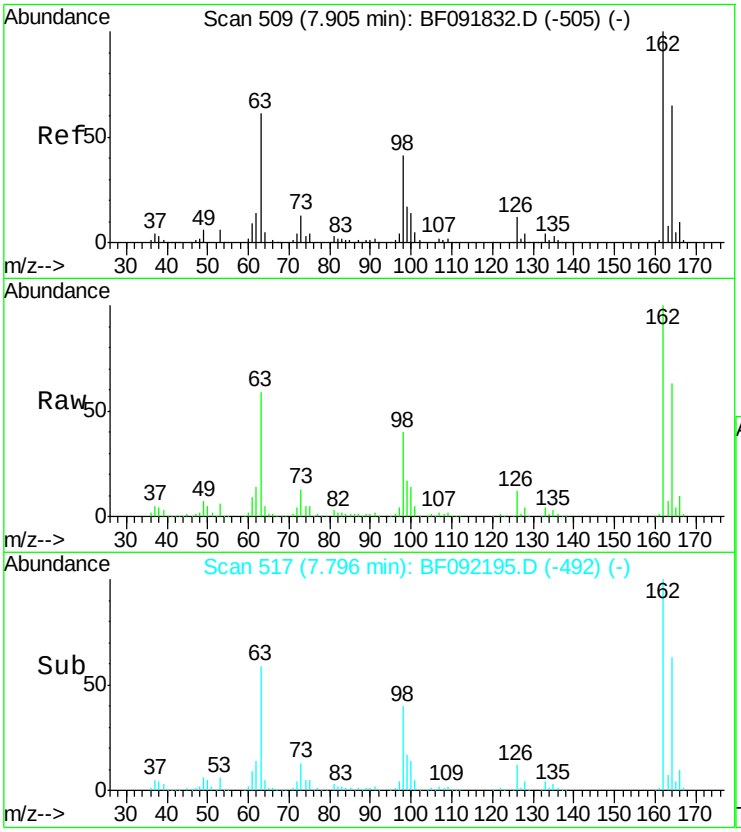




#28
bis(2-Chloroethoxy)methane
Concen: 49.33 ng
RT: 7.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion: 93 Resp: 711107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.3 | 26.5 | 39.7 |
| 123 | 10.5 | 8.6 | 13.0 |



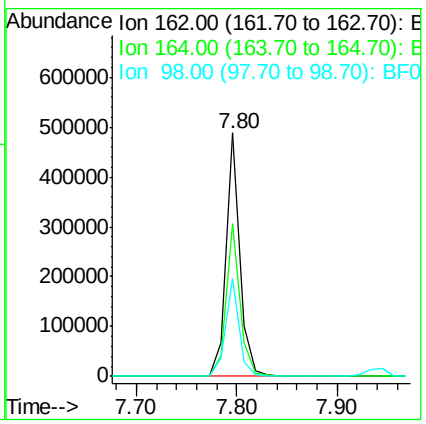


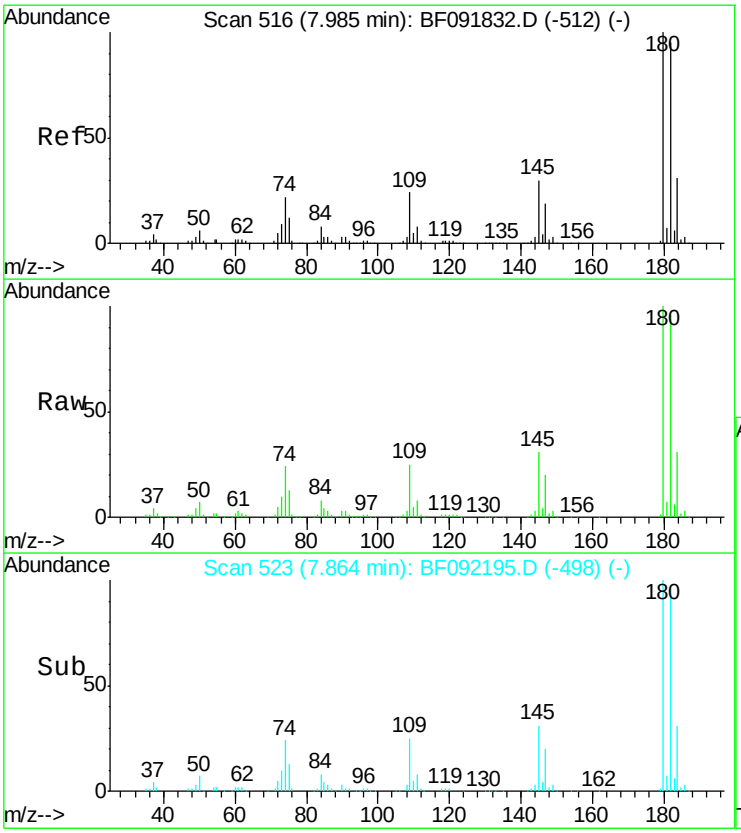

#29
2,4-Dichlorophenol
Concen: 48.82 ng
RT: 7.80 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:162 Resp: 464046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 62.6 | 46.8 | 86.8 |
| 98 | 40.0 | 9.1 | 49.1 |

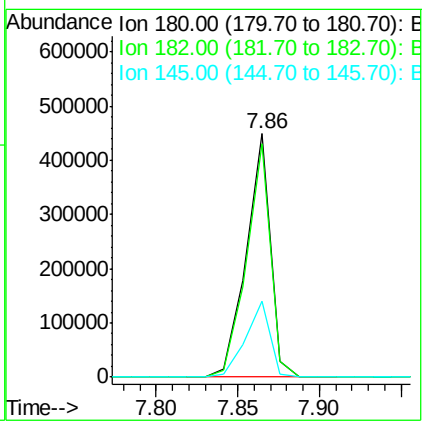


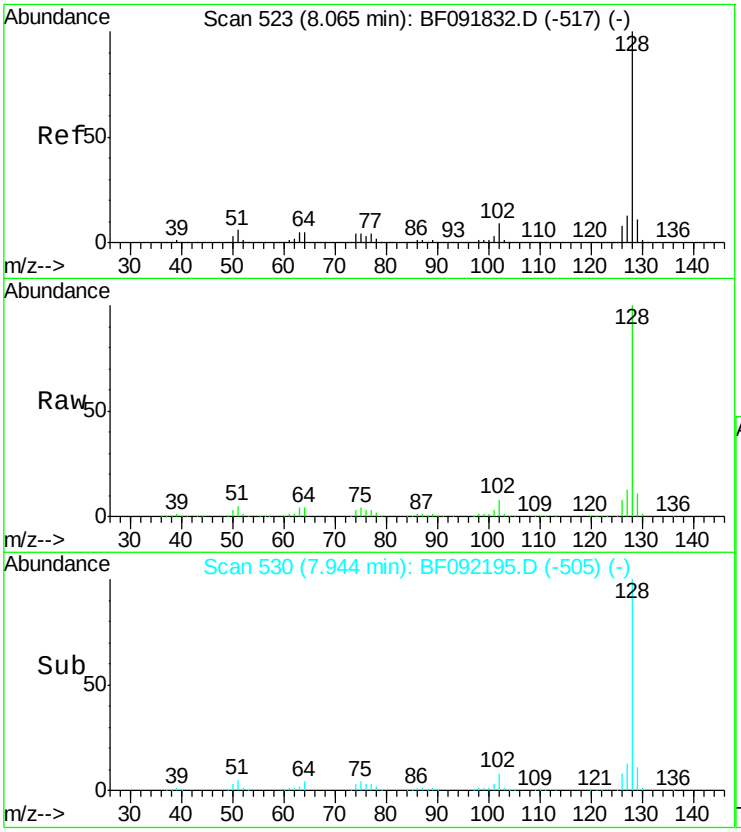




#30
1,2,4-Trichlorobenzene
Concen: 44.17 ng
RT: 7.86 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:180 Resp: 460098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.9 | 78.2 | 117.4 |
| 145 | 31.0 | 21.6 | 32.4 |



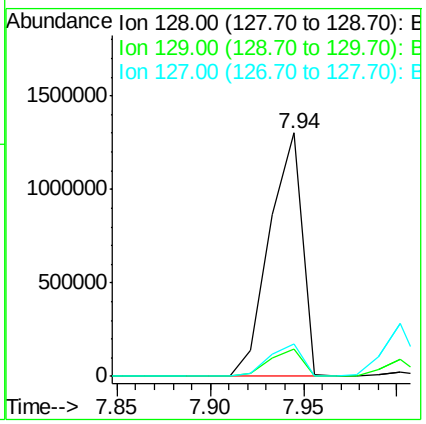


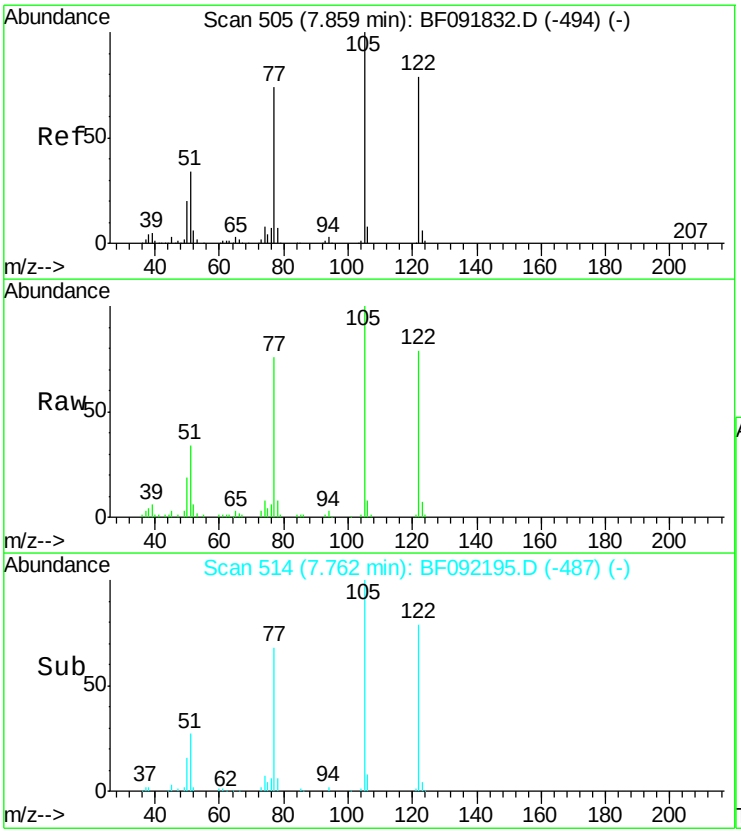

#31
Naphthalene
Concen: 48.50 ng
RT: 7.94 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:128 Resp: 1590444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 9.5 | 14.3 |
| 127 | 13.1 | 10.8 | 16.2 |

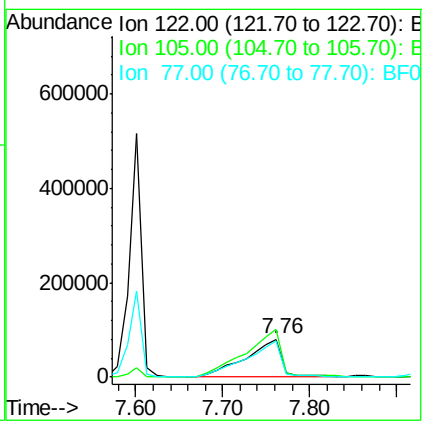


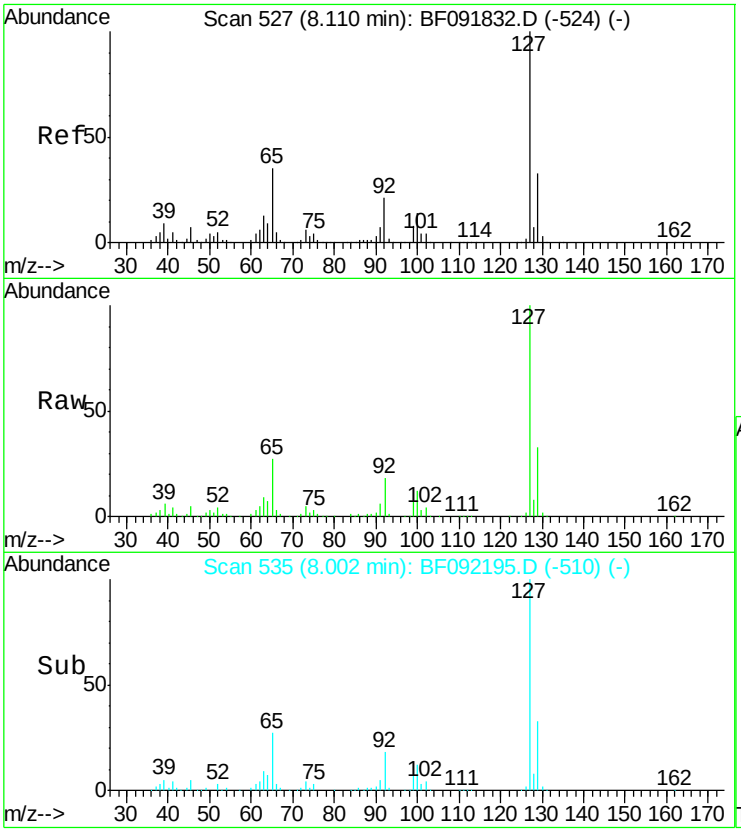




#32
Benzoic acid
Concen: 27.79 ng
RT: 7.76 min Scan# 514
Delta R.T. 0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:122 Resp: 231376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 126.7 | 107.2 | 147.2 |
| 77 | 95.7 | 74.5 | 114.5 |



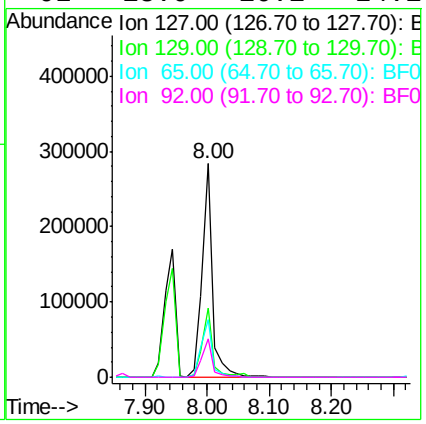


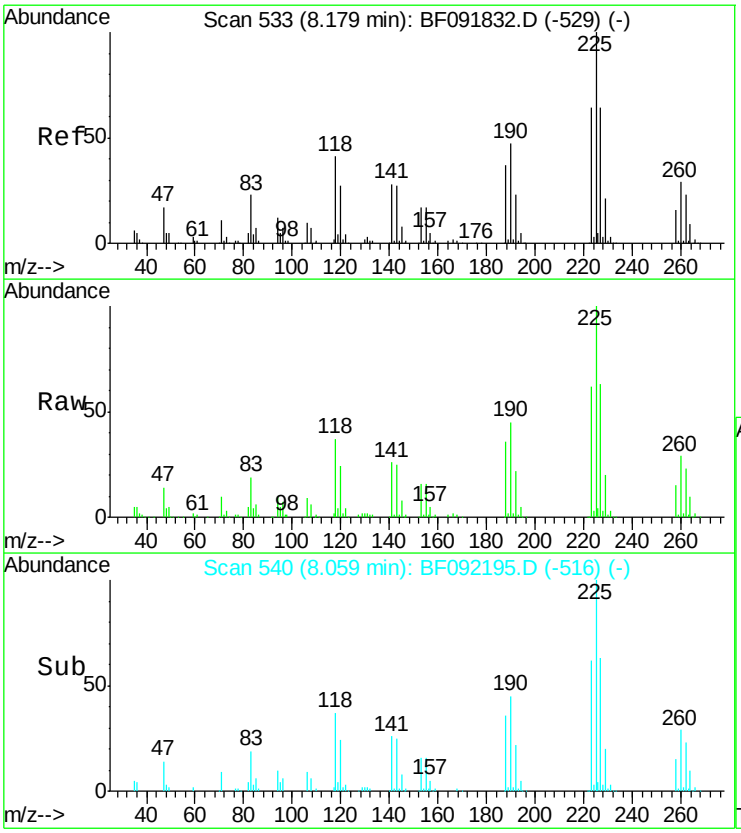

#33
4-Chloroaniline
Concen: 22.35 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:127 Resp: 330471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.5 | 26.3 | 39.5 |
| 65 | 27.1 | 25.8 | 38.8 |
| 92 | 18.0 | 16.1 | 24.1 |

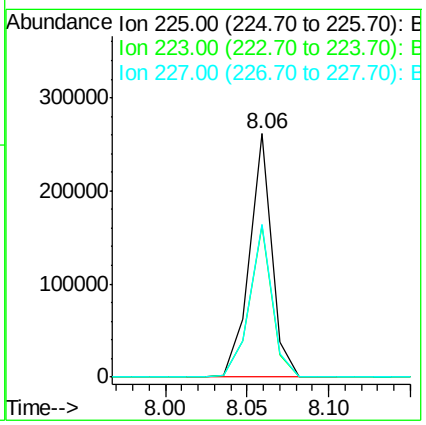


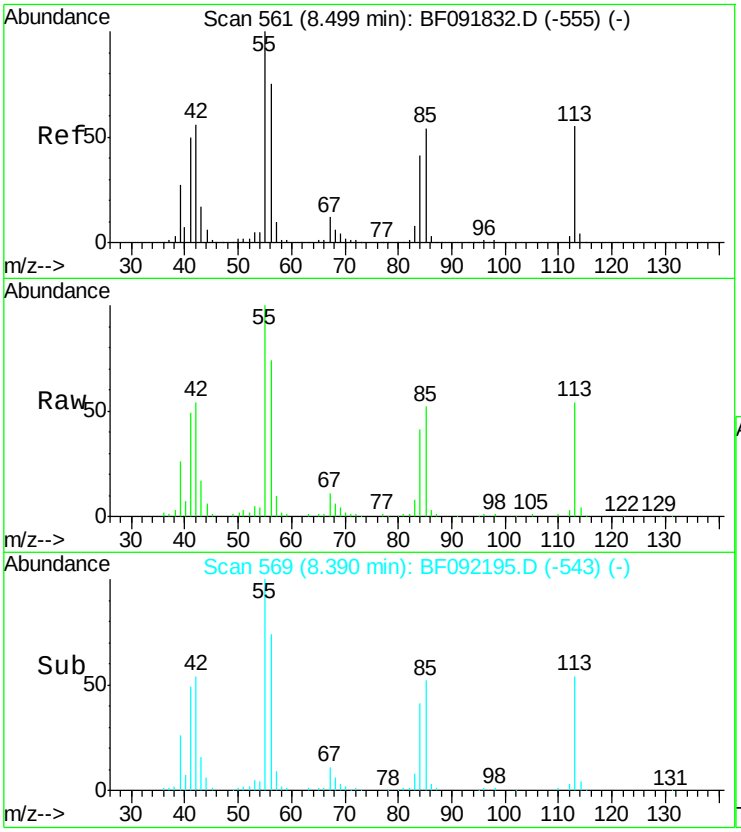




#34
Hexachlorobutadiene
Concen: 45.47 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.02 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:225 Resp: 249987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.1 | 51.0 | 76.6 |
| 227 | 62.8 | 50.6 | 76.0 |



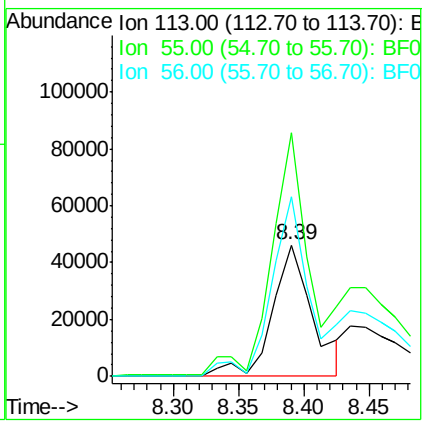


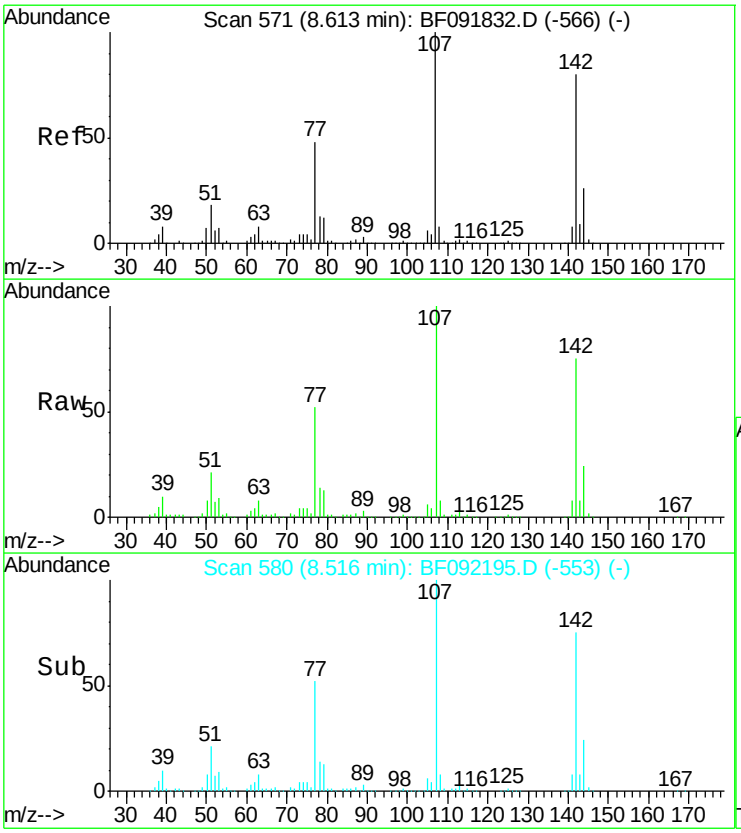

#35
Caprolactam
Concen: 31.43 ng
RT: 8.39 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:113 Resp: 98154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 185.7 | 119.2 | 159.2# |
| 56 | 137.2 | 83.8 | 123.8# |

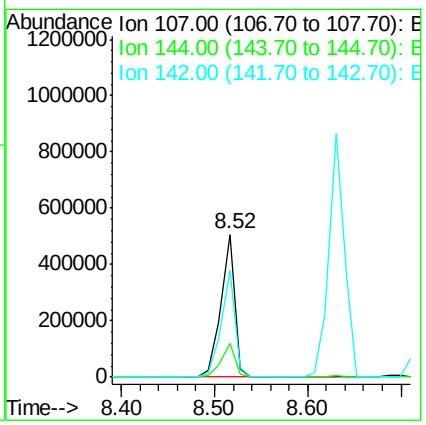


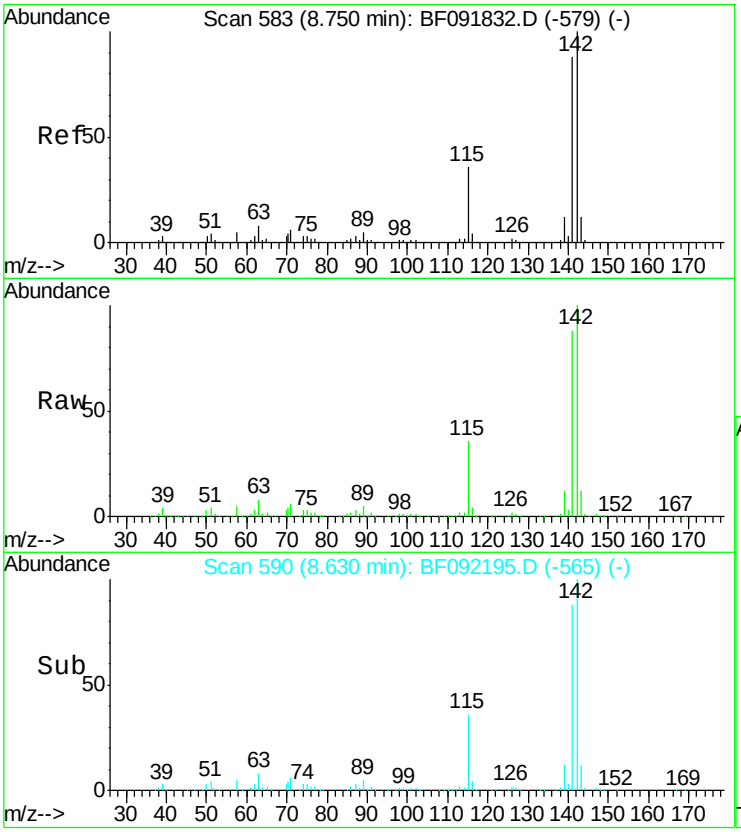




#36
4-Chloro-3-methylphenol
Concen: 47.92 ng
RT: 8.52 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:107 Resp: 524131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 23.6 | 19.3 | 28.9 |
| 142 | 74.6 | 59.0 | 88.6 |



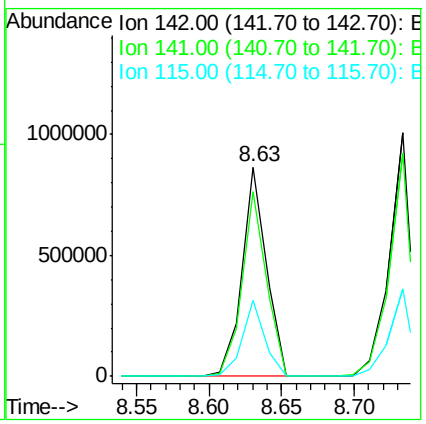


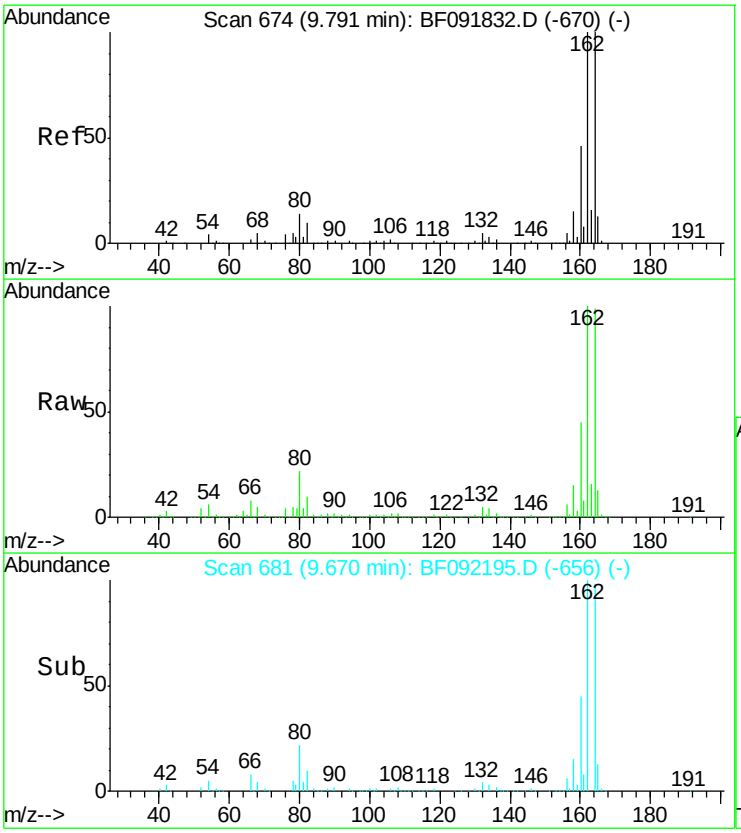

#37
2-Methylnaphthalene
Concen: 55.25 ng
RT: 8.63 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:142 Resp: 1008141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.2 | 71.0 | 106.6 |
| 115 | 36.0 | 28.3 | 42.5 |

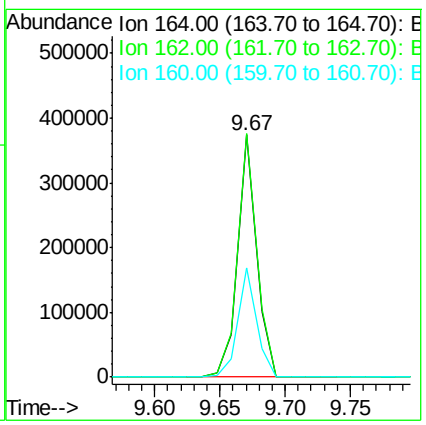


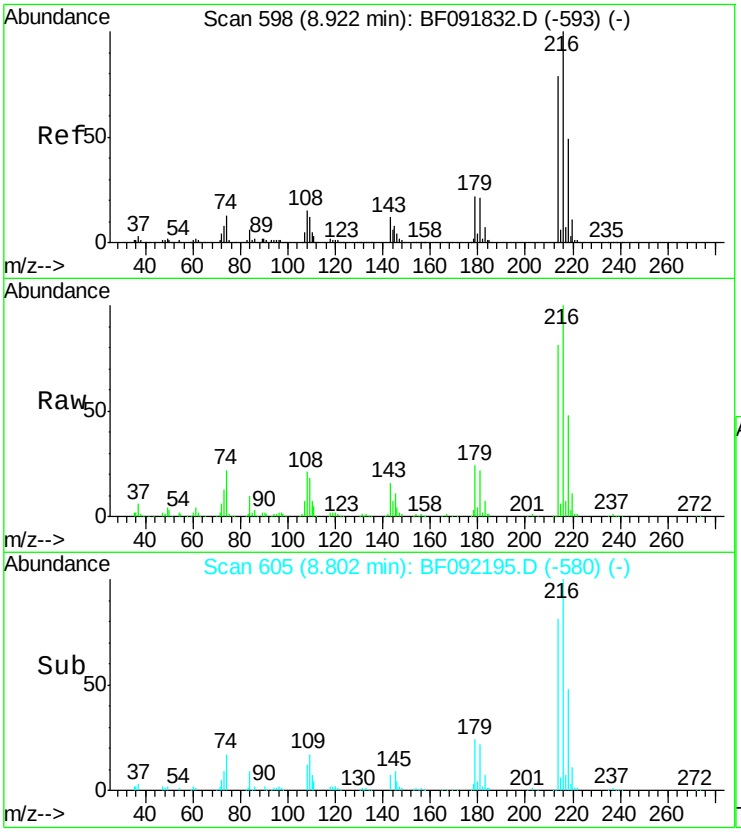




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:164 Resp: 377514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.7 | 80.2 | 120.2 |
| 160 | 45.0 | 36.9 | 55.3 |



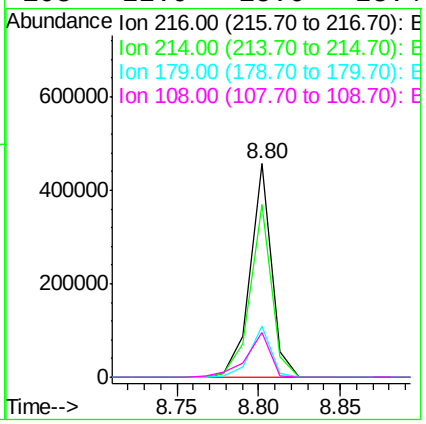


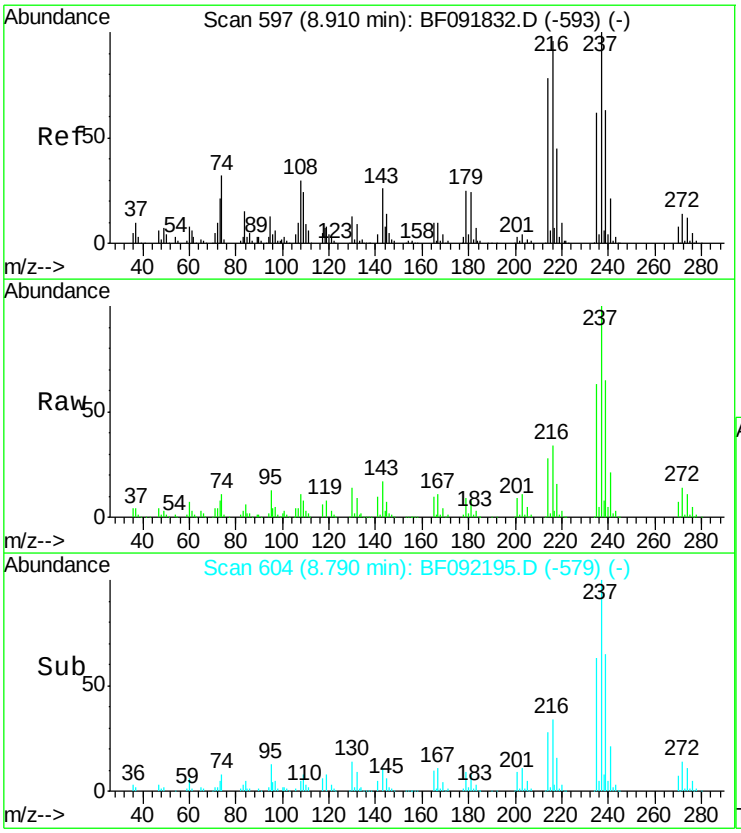

#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.84 ng
RT: 8.80 min Scan# 605
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:216 Resp: 418171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 80.6 | 63.4 | 95.0 |
| 179 | 23.5 | 17.4 | 26.2 |
| 108 | 22.9 | 15.6 | 23.4 |

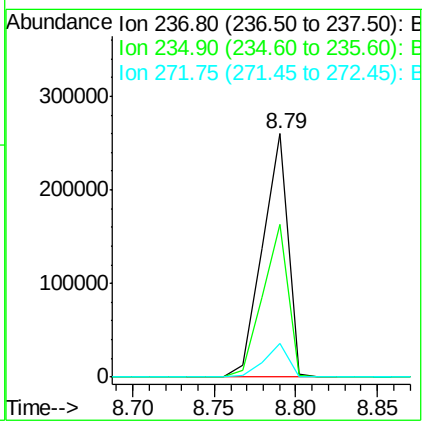


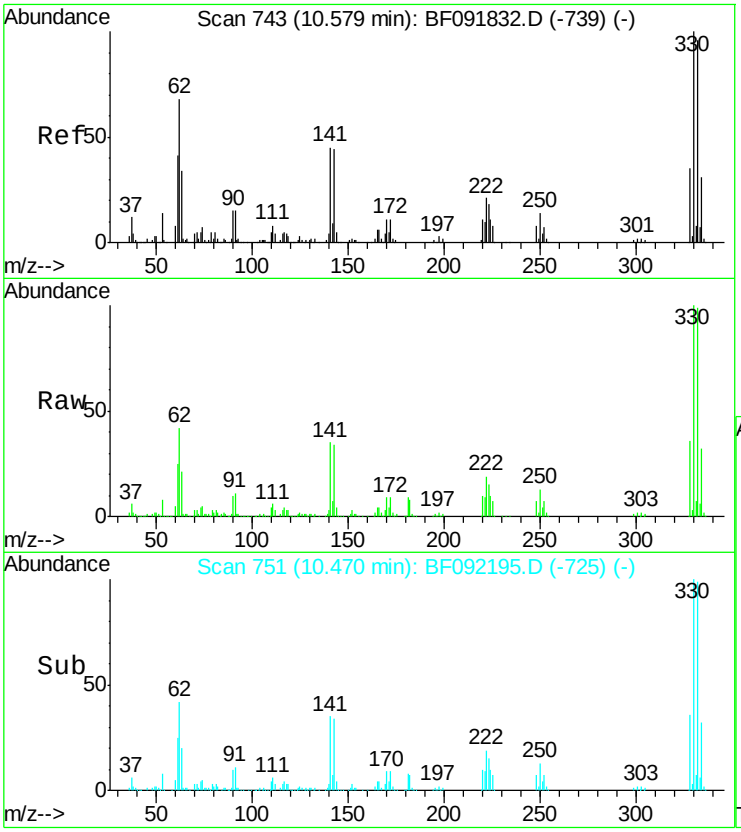




#40
Hexachlorocyclopentadiene
Concen: 67.33 ng
RT: 8.79 min Scan# 604
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:237 Resp: 283176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.8 | 41.2 | 81.2 |
| 272 | 13.9 | 0.0 | 35.4 |



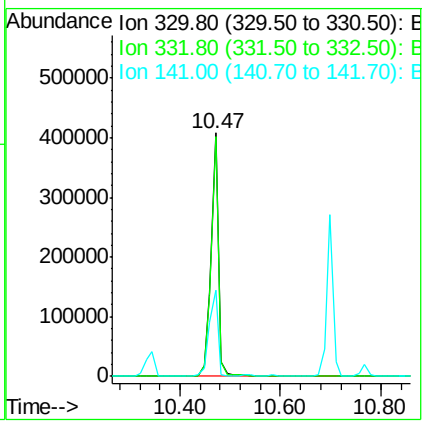


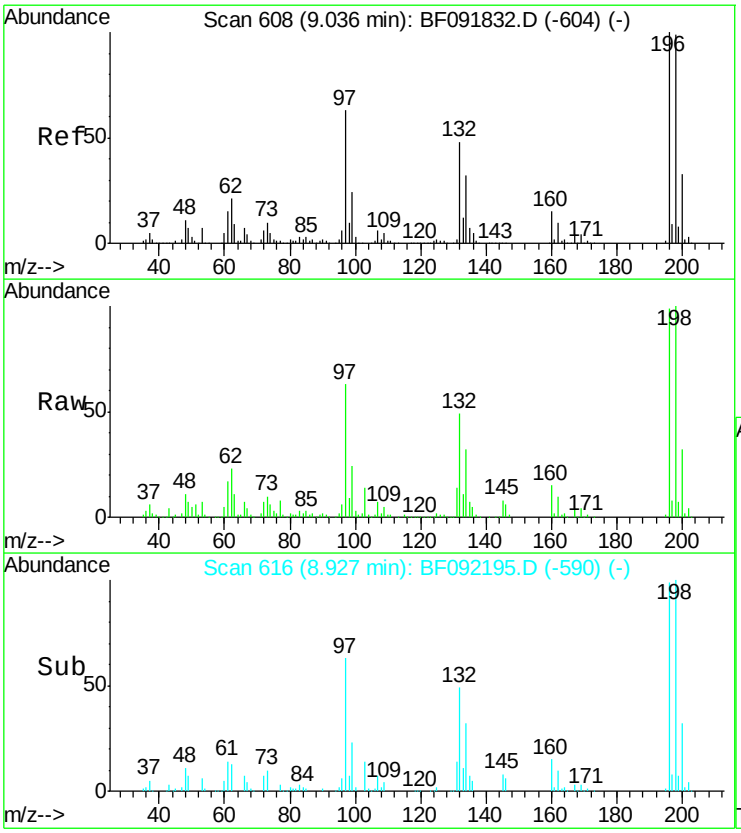

#41
2,4,6-Tribromophenol
Concen: 135.37 ng
RT: 10.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:330 Resp: 422935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.8 | 77.4 | 116.2 |
| 141 | 42.0 | 34.1 | 51.1 |

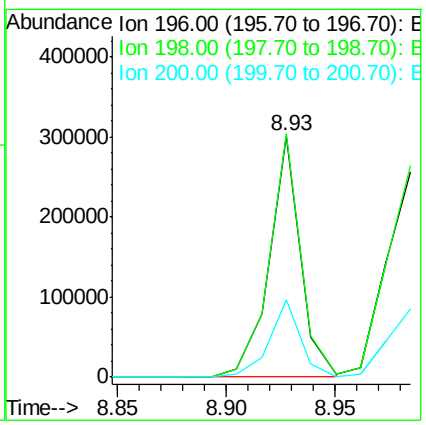


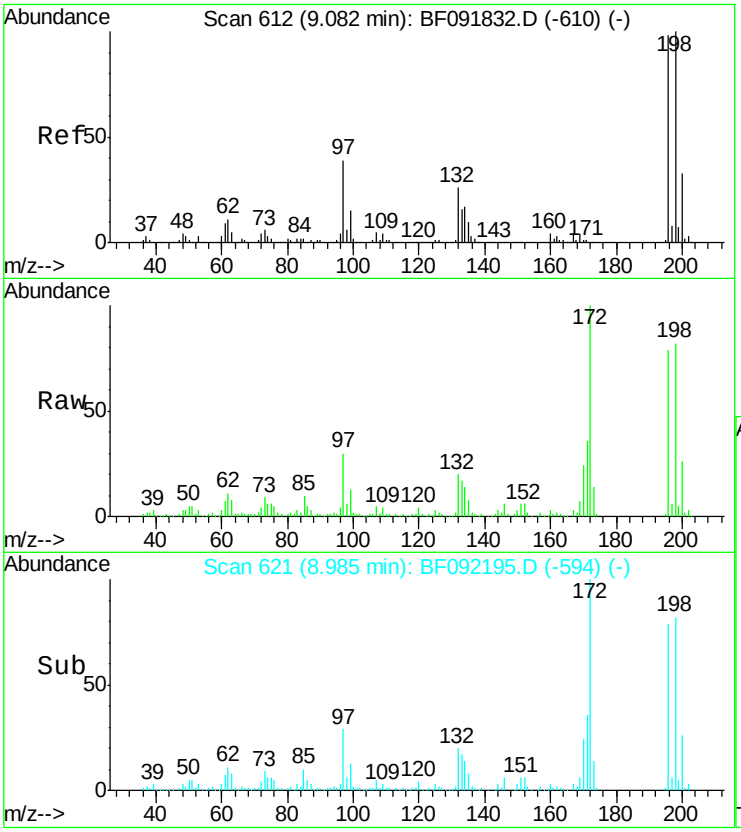




#42
2,4,6-Trichlorophenol
Concen: 45.75 ng
RT: 8.93 min Scan# 616
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:196 Resp: 305185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 100.9 | 82.1 | 123.1 |
| 200 | 32.1 | 27.0 | 40.4 |



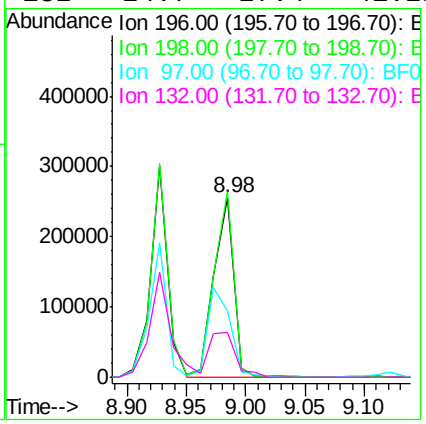


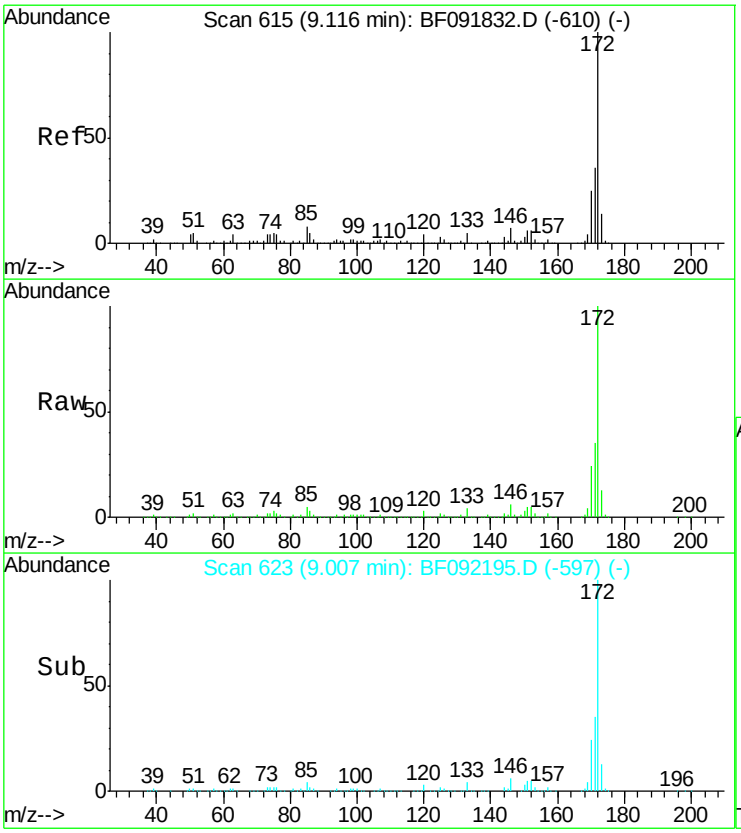

#43
2,4,5-Trichlorophenol
Concen: 42.81 ng
RT: 8.98 min Scan# 621
Delta R.T. 0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:196 Resp: 293899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 103.2 | 79.4 | 119.2 |
| 97 | 37.2 | 51.5 | 77.3# |
| 132 | 24.7 | 27.4 | 41.2# |

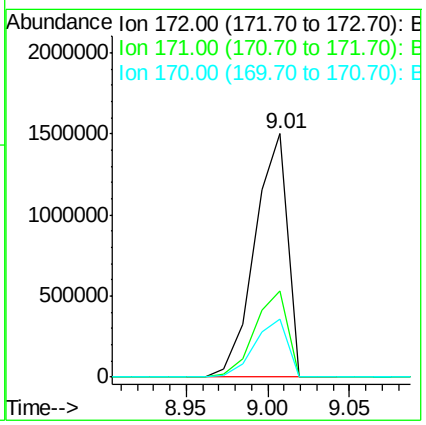


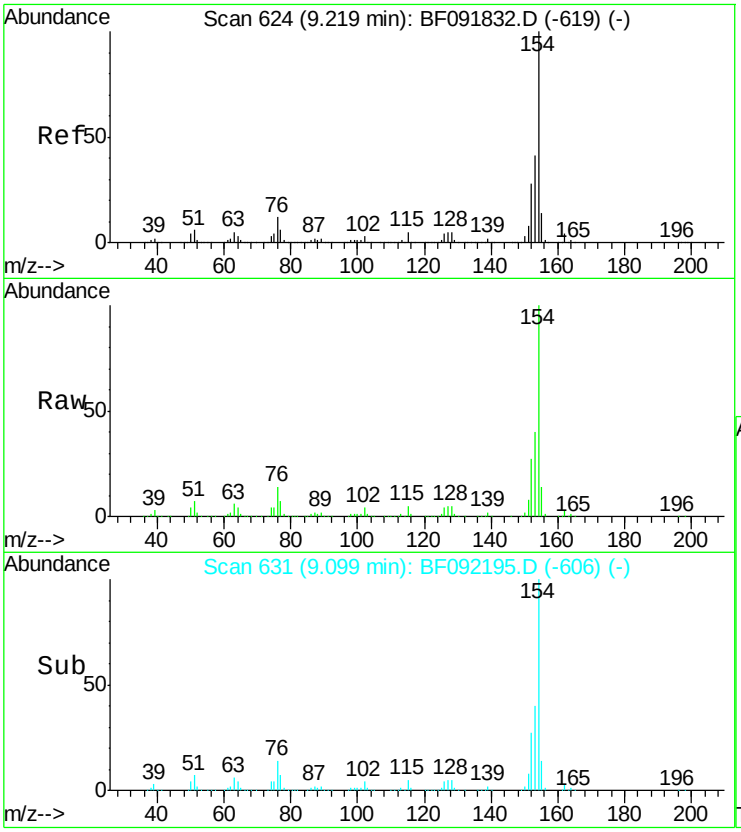




#44
2-Fluorobiphenyl
Concen: 117.84 ng
RT: 9.01 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:172 Resp: 2079383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.4 | 29.4 | 44.0 |
| 170 | 24.1 | 20.2 | 30.4 |



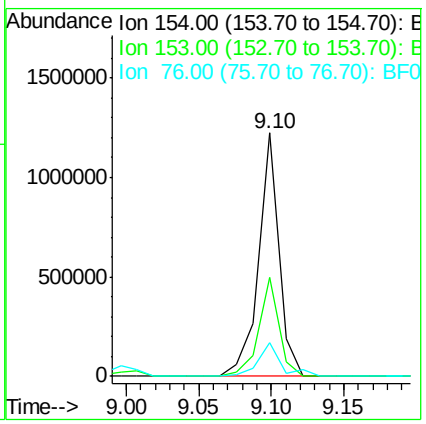


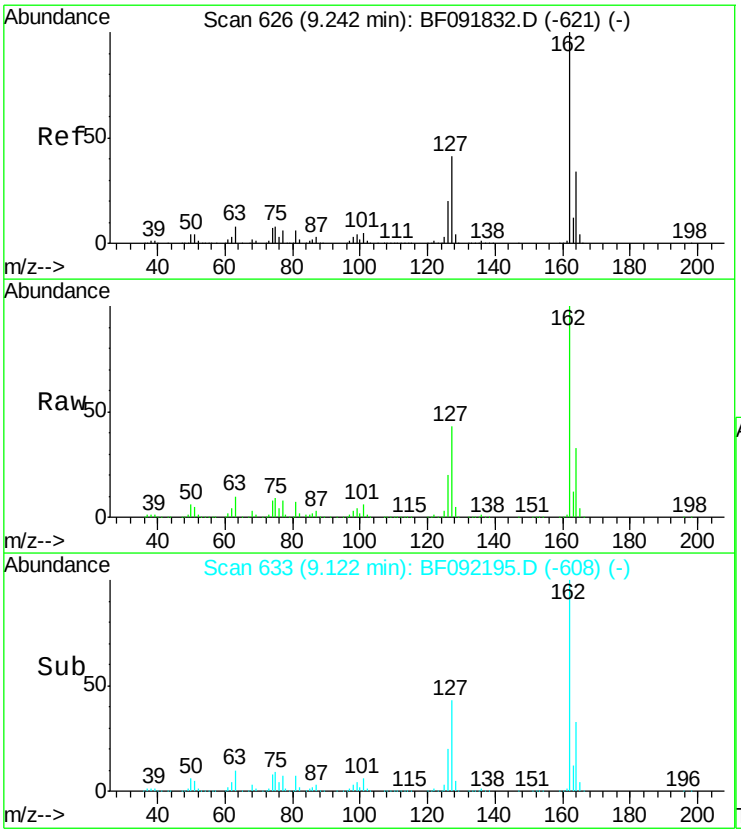

#45
1,1'-Biphenyl
Concen: 46.05 ng
RT: 9.10 min Scan# 631
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:154 Resp: 1190416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.4 | 20.9 | 60.9 |
| 76 | 13.8 | 0.0 | 30.5 |

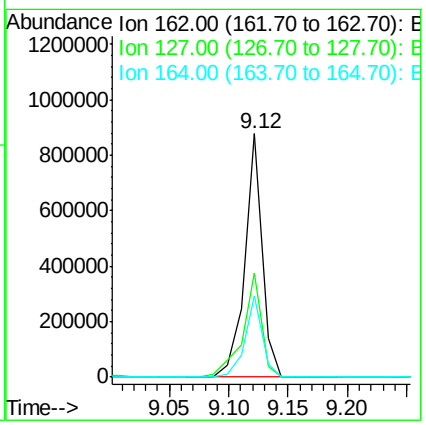


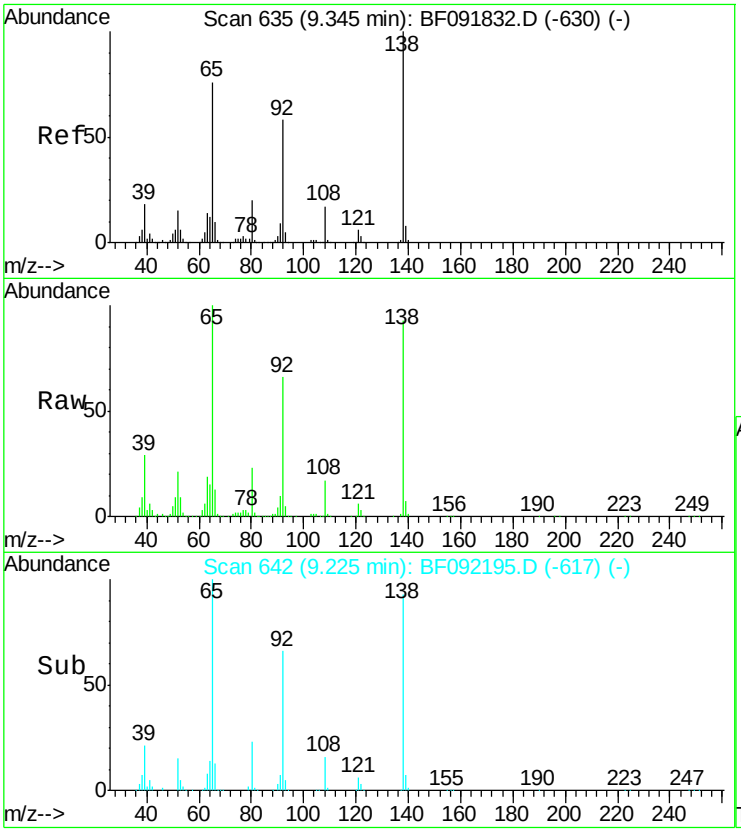




#46
2-Chloronaphthalene
Concen: 43.94 ng
RT: 9.12 min Scan# 633
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:162 Resp: 899370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 42.9 | 30.7 | 46.1 |
| 164 | 33.3 | 27.6 | 41.4 |



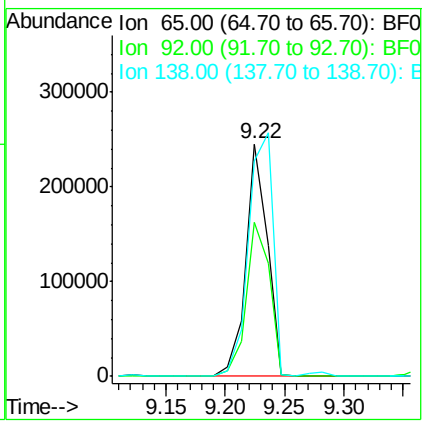


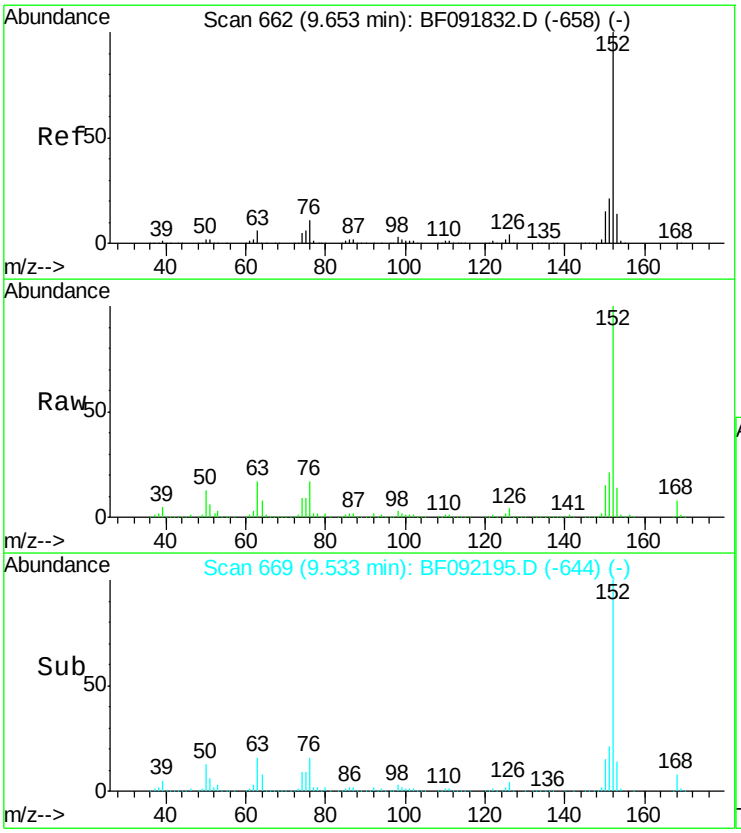

#47
2-Nitroaniline
Concen: 42.91 ng
RT: 9.22 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion: 65 Resp: 312756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 66.3 | 53.9 | 80.9 |
| 138 | 92.6 | 76.8 | 115.2 |

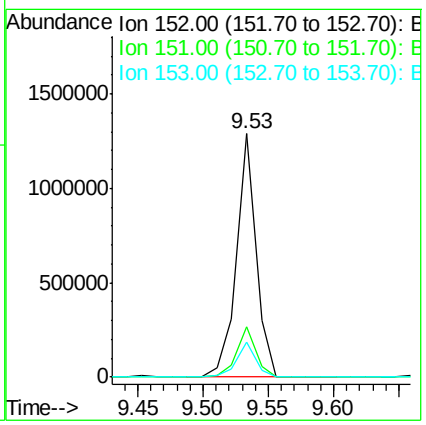


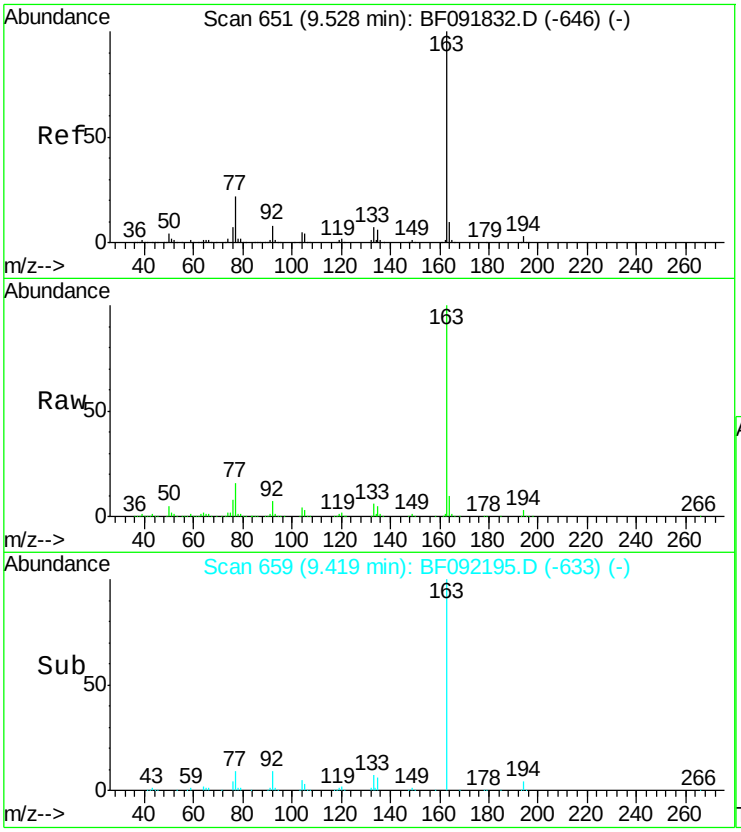




#48
Acenaphthylene
Concen: 42.54 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:152 Resp: 1339260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.6 | 16.9 | 25.3 |
| 153 | 14.5 | 11.4 | 17.2 |



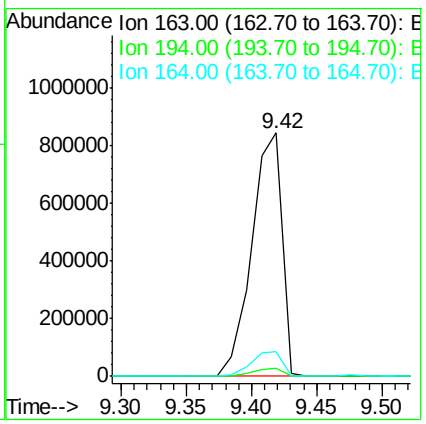


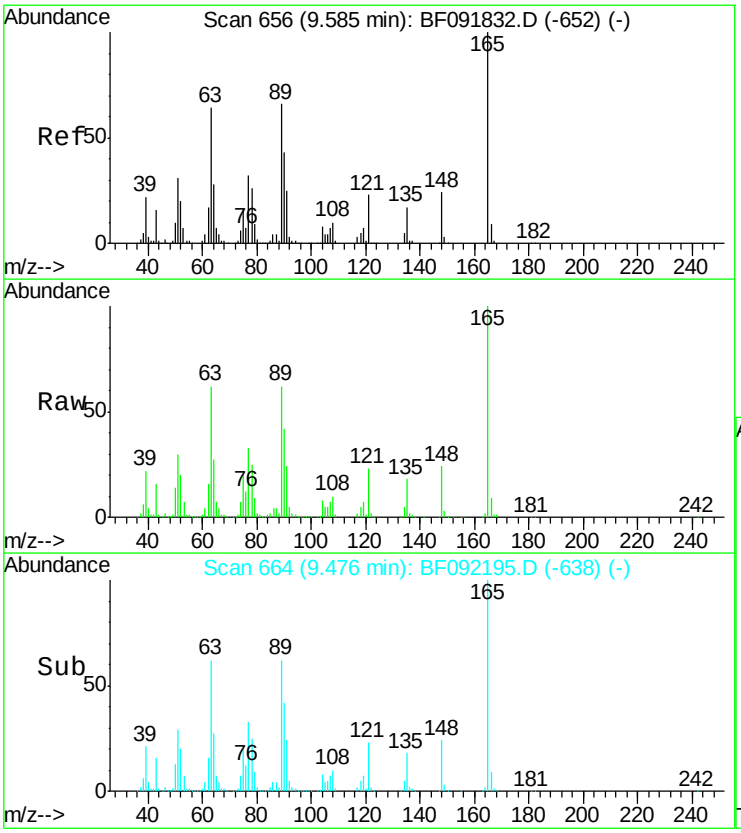

#49
Dimethylphthalate
Concen: 56.64 ng
RT: 9.42 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:163 Resp: 1367614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.5 | 3.0 | 4.4 |
| 164 | 9.9 | 8.0 | 12.0 |

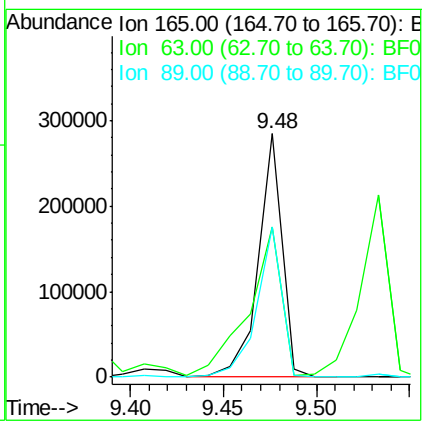


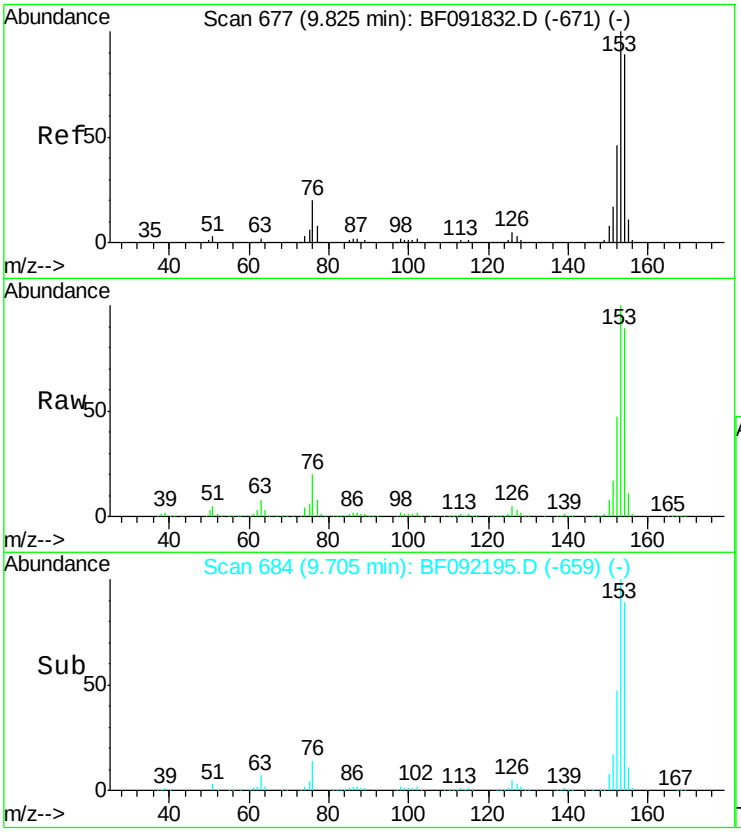




#50
2,6-Dinitrotoluene
Concen: 47.07 ng
RT: 9.48 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:165 Resp: 248779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 61.8 | 36.2 | 54.4# |
| 89 | 61.6 | 40.2 | 60.4# |



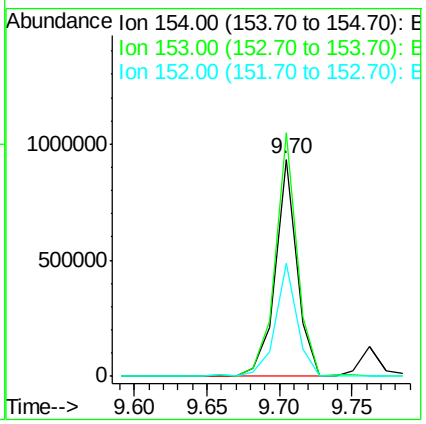


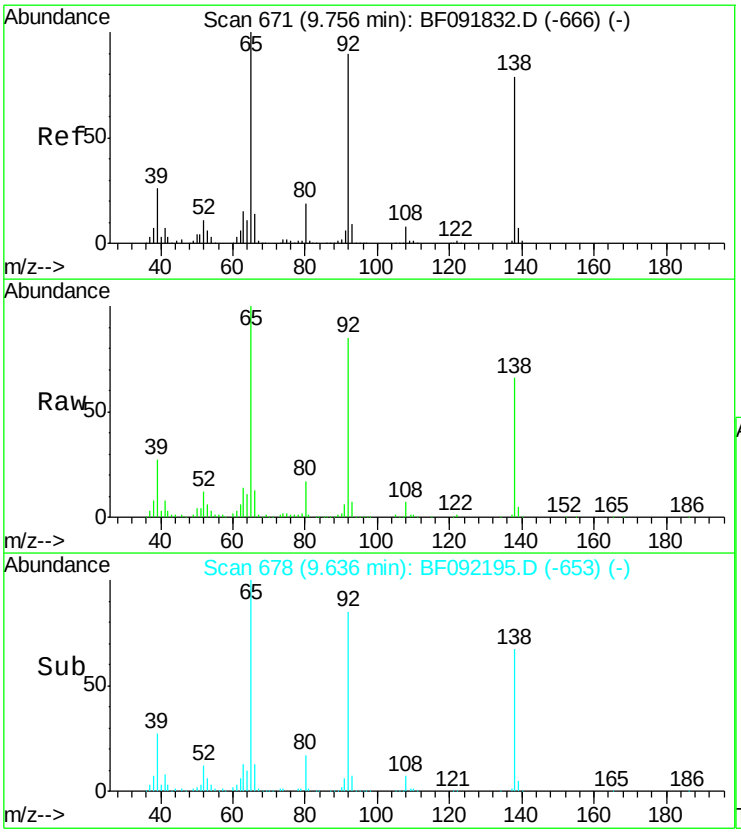

#51
Acenaphthene
Concen: 45.26 ng
RT: 9.70 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:154 Resp: 966092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.2 | 88.6 | 133.0 |
| 152 | 52.2 | 41.6 | 62.4 |

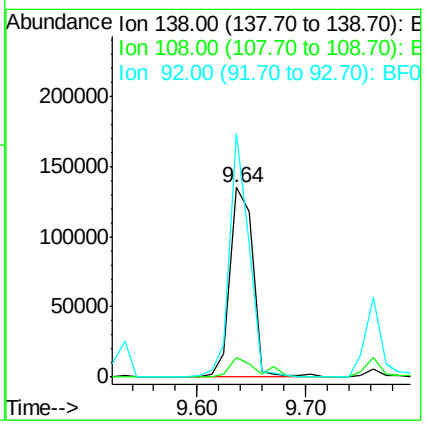


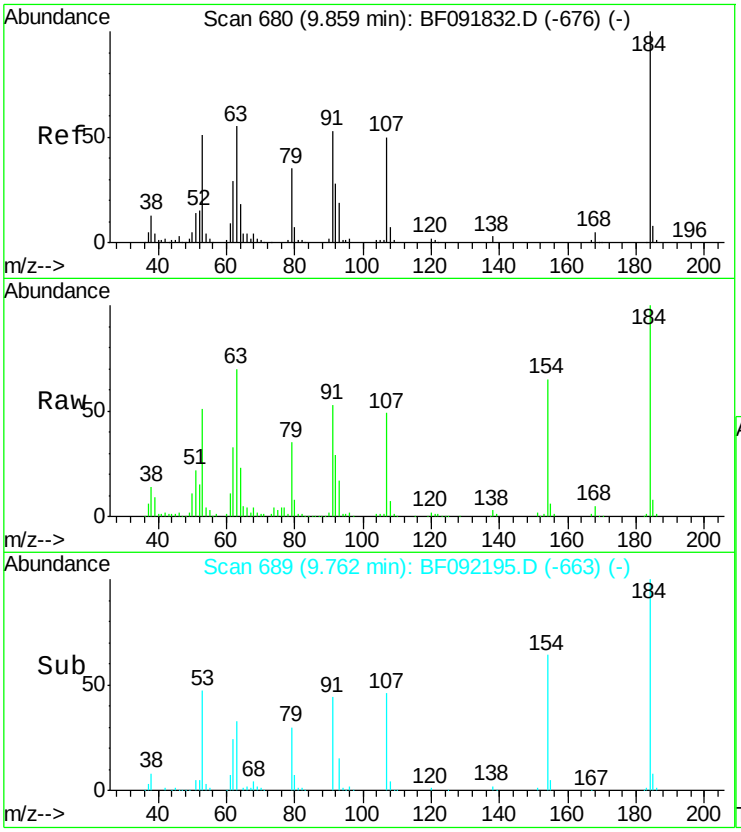




#52
3-Nitroaniline
Concen: 29.51 ng
RT: 9.64 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:138 Resp: 192977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.6 | 8.5 | 12.7 |
| 92 | 128.6 | 97.8 | 146.8 |



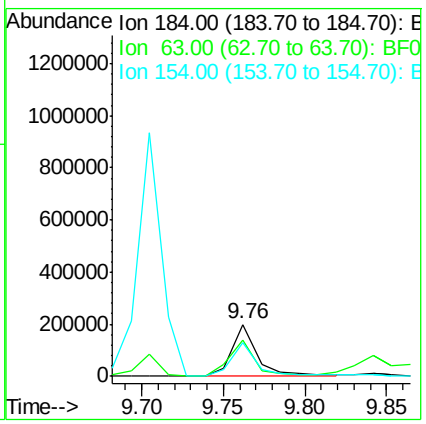


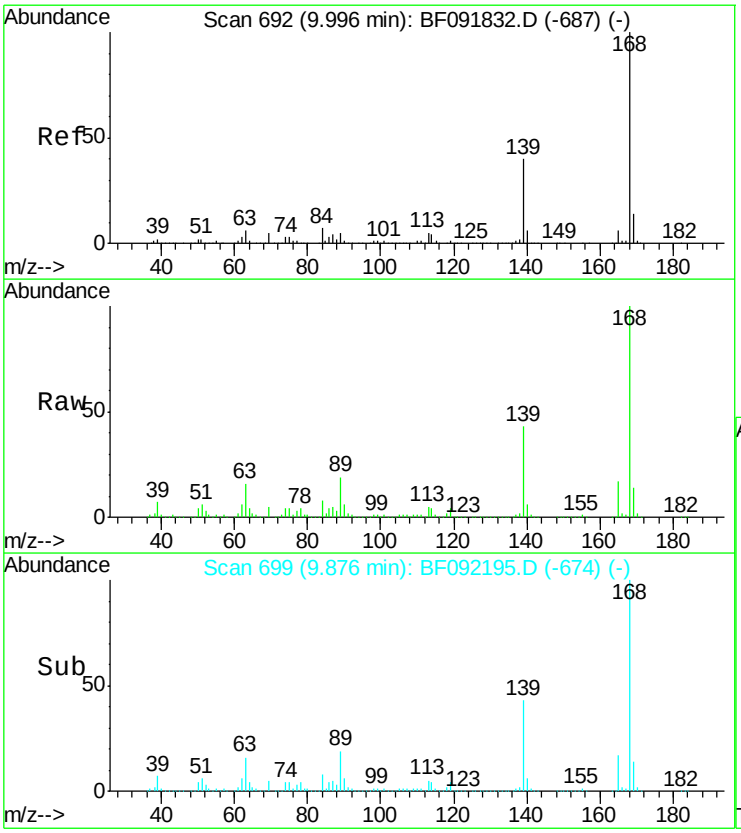

#53
2,4-Dinitrophenol
Concen: 73.67 ng
RT: 9.76 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:184 Resp: 216621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 69.9 | 28.4 | 42.6# |
| 154 | 64.8 | 44.3 | 66.5 |

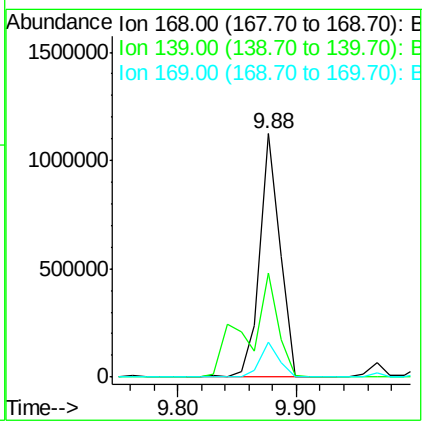


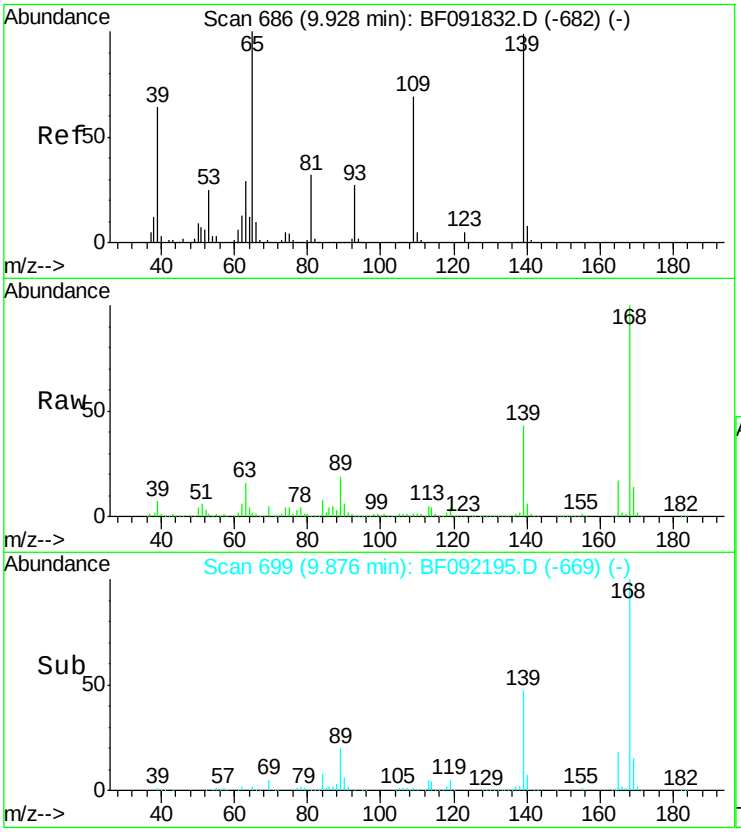




#54
Dibenzofuran
Concen: 46.48 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:168 Resp: 1339653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 43.0 | 32.6 | 49.0 |
| 169 | 14.4 | 11.3 | 16.9 |



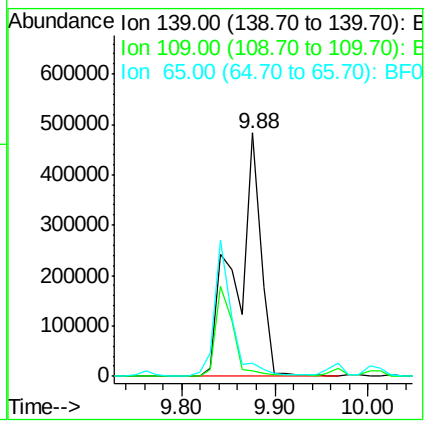


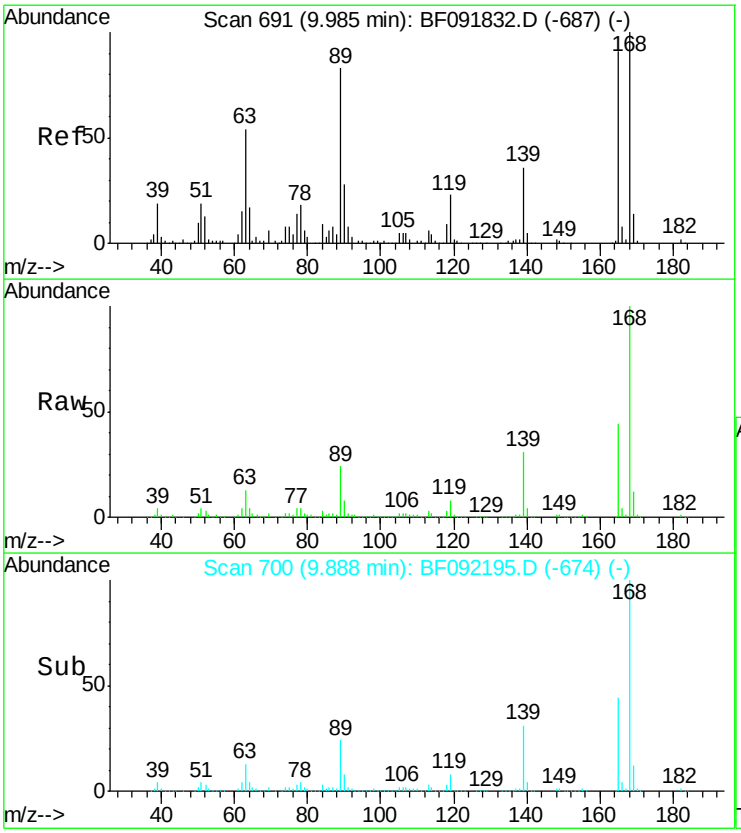

#55
4-Nitrophenol
Concen: 196.71 ng
RT: 9.88 min Scan# 699
Delta R.T. 0.05 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:139 Resp: 873509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 2.2 | 52.2 | 92.2# |
| 65 | 5.5 | 85.8 | 125.8# |

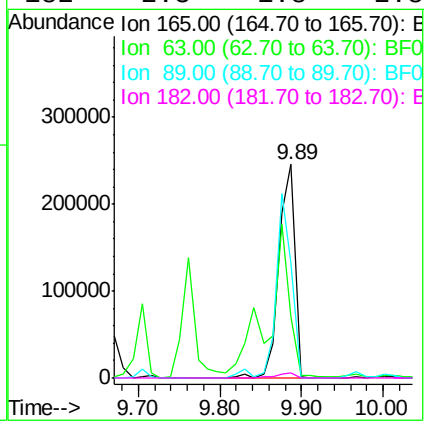


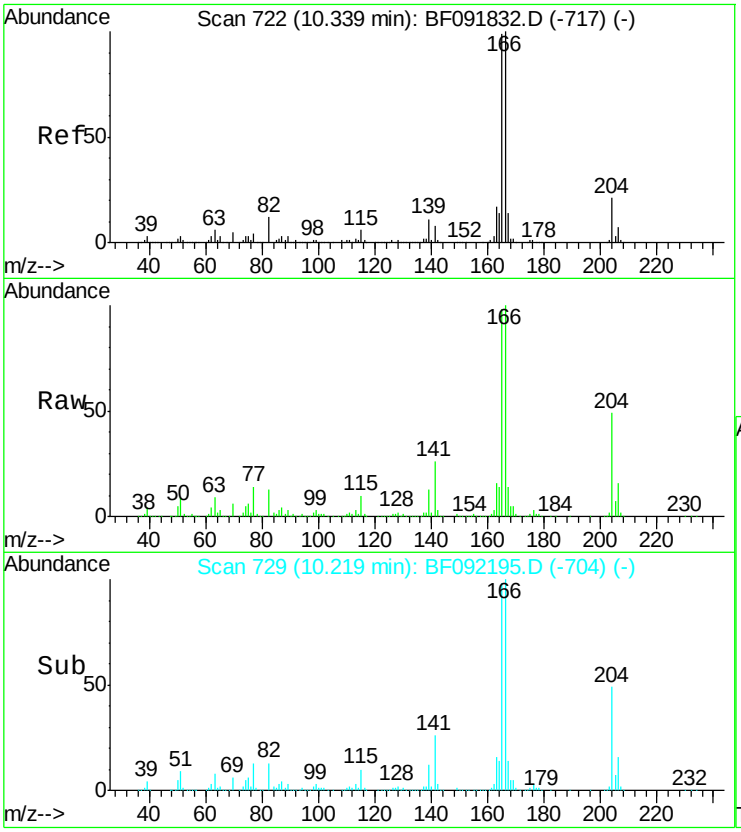




#56
2,4-Dinitrotoluene
Concen: 50.76 ng
RT: 9.89 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:165 Resp: 336672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 28.9 | 40.2 | 60.4# |
| 89 | 53.8 | 62.5 | 93.7# |
| 182 | 2.3 | 1.8 | 2.8 |



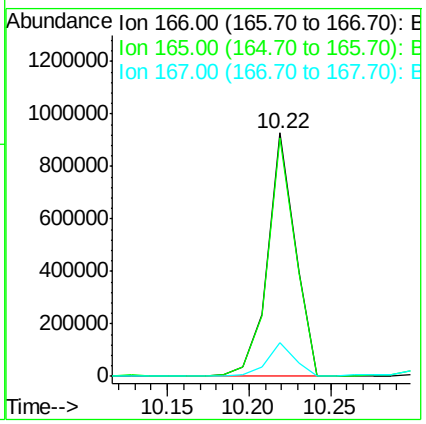


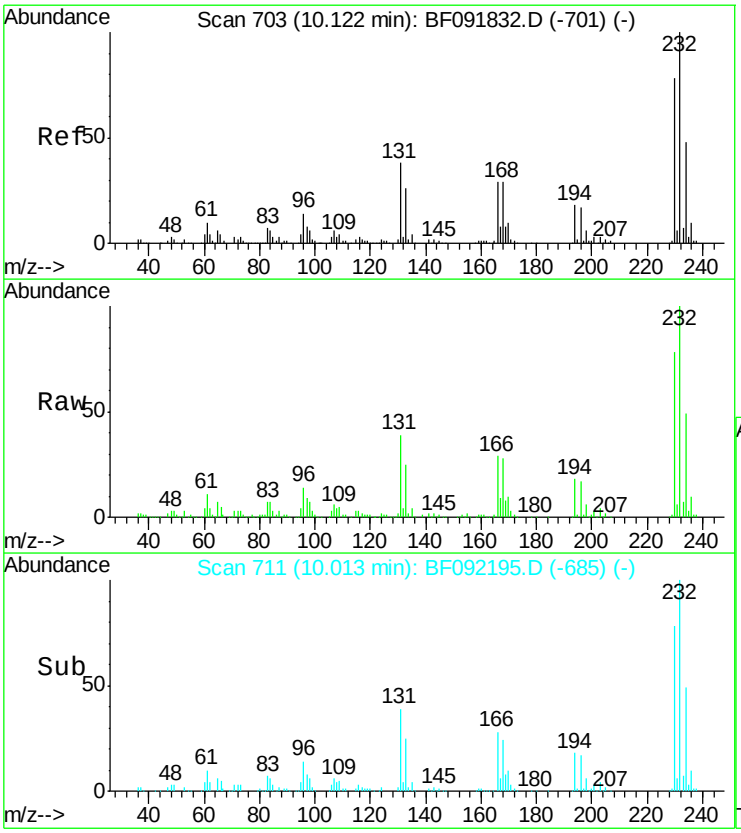

#57
Fluorene
Concen: 52.19 ng
RT: 10.22 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:166 Resp: 1094488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.2 | 77.8 | 116.8 |
| 167 | 14.0 | 10.8 | 16.2 |

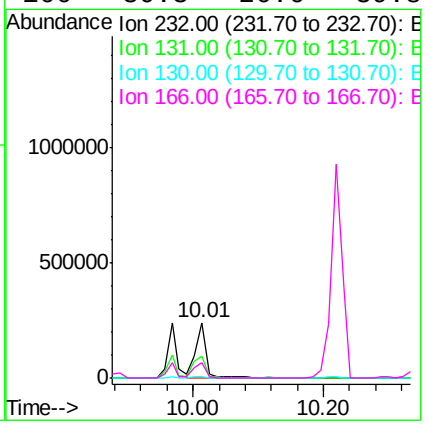


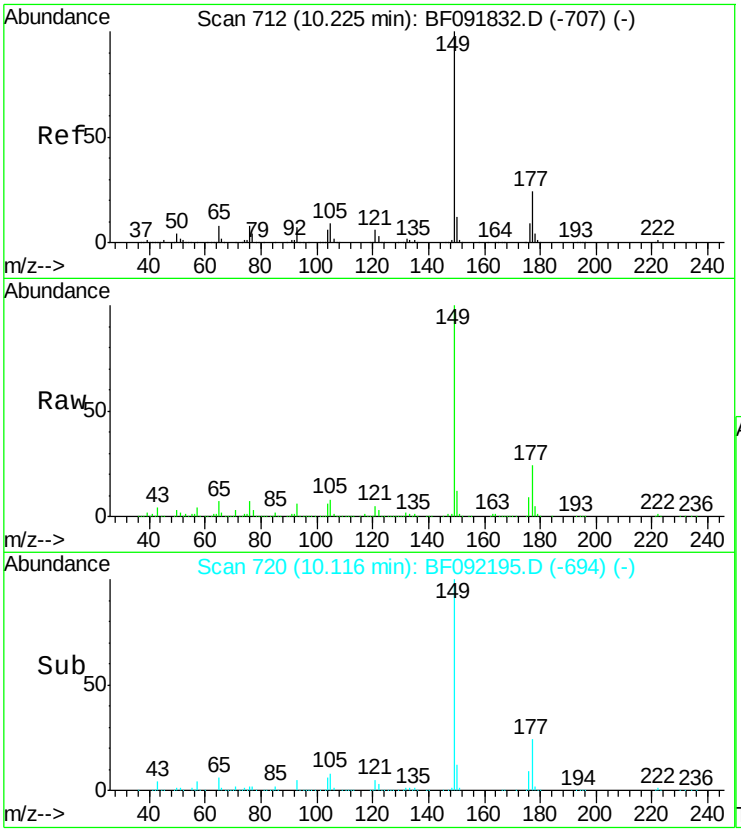




#58
2,3,4,6-Tetrachlorophenol
Concen: 49.36 ng
RT: 10.01 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:232 Resp: 267984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 46.7 | 40.1 | 60.1 |
| 130 | 2.3 | 1.8 | 2.8 |
| 166 | 30.3 | 26.6 | 39.8 |



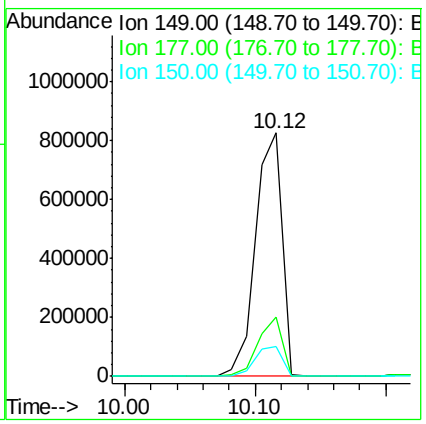


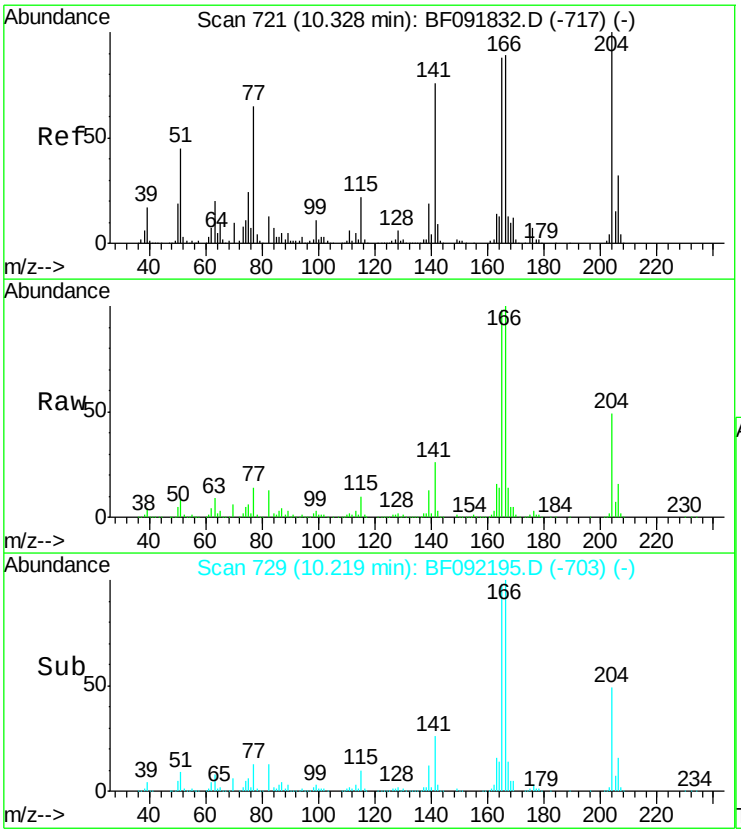

#59
Diethylphthalate
Concen: 50.13 ng
RT: 10.12 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:149 Resp: 1175580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 24.3 | 16.6 | 25.0 |
| 150 | 12.4 | 10.4 | 15.6 |

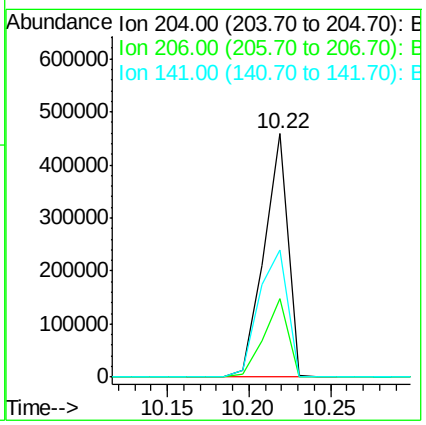


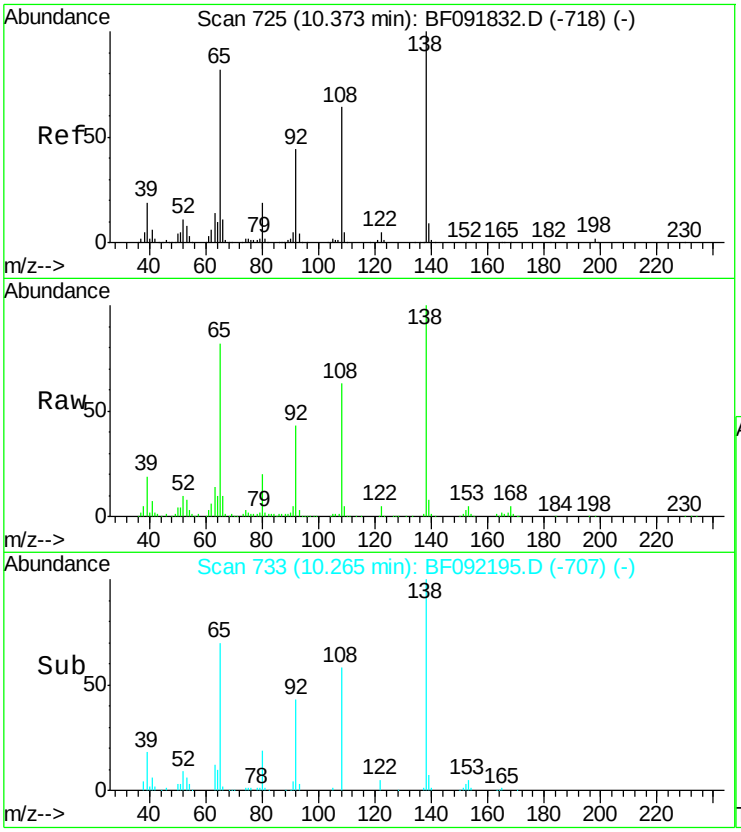




#60
4-Chlorophenyl-phenylether
Concen: 51.20 ng
RT: 10.22 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:204 Resp: 470134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.1 | 25.8 | 38.6 |
| 141 | 52.4 | 59.4 | 89.0# |



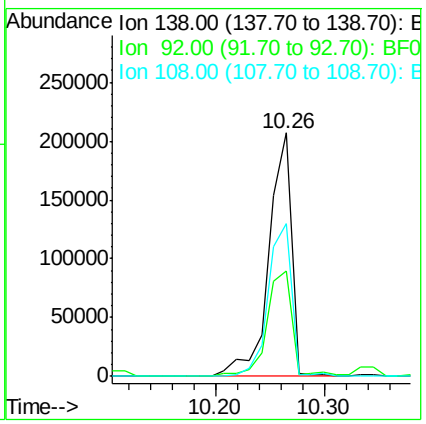


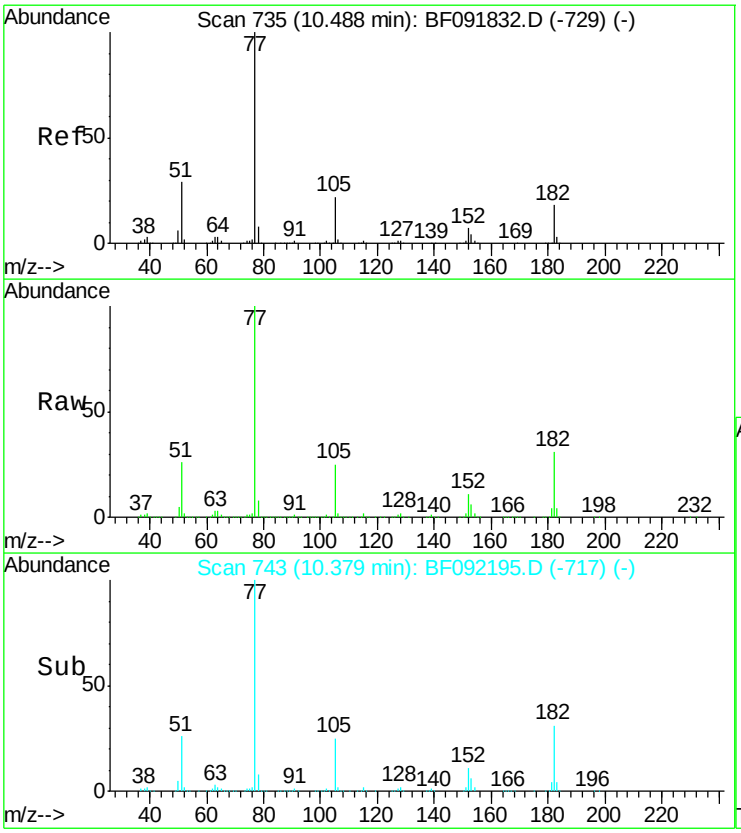

#61
4-Nitroaniline
Concen: 43.91 ng
RT: 10.26 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:138 Resp: 297602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 43.5 | 31.7 | 71.7 |
| 108 | 62.9 | 52.6 | 92.6 |

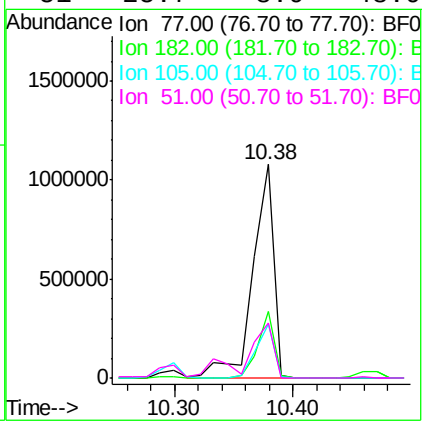


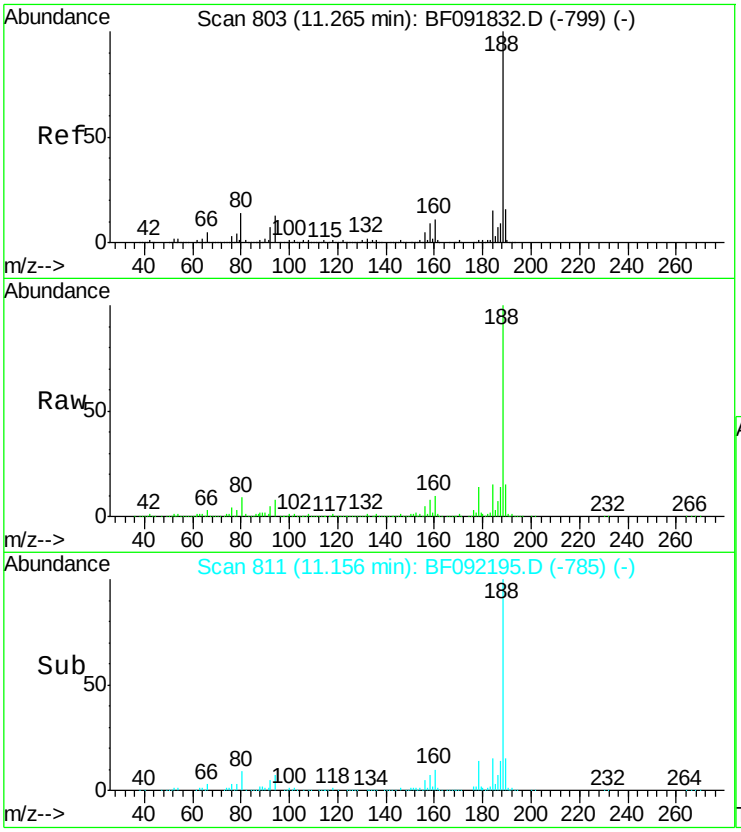




#62
Azobenzene
Concen: 51.20 ng
RT: 10.38 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion: 77 Resp: 1321929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 31.1 | 0.0 | 39.3 |
| 105 | 25.2 | 2.3 | 42.3 |
| 51 | 25.7 | 8.9 | 48.9 |



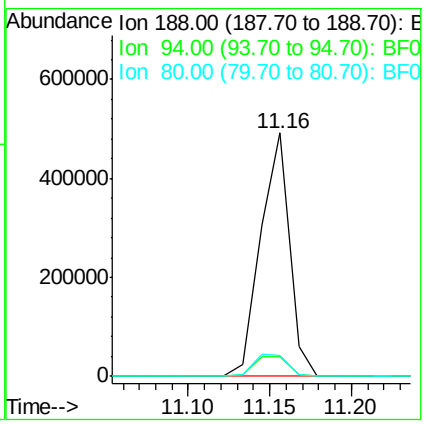


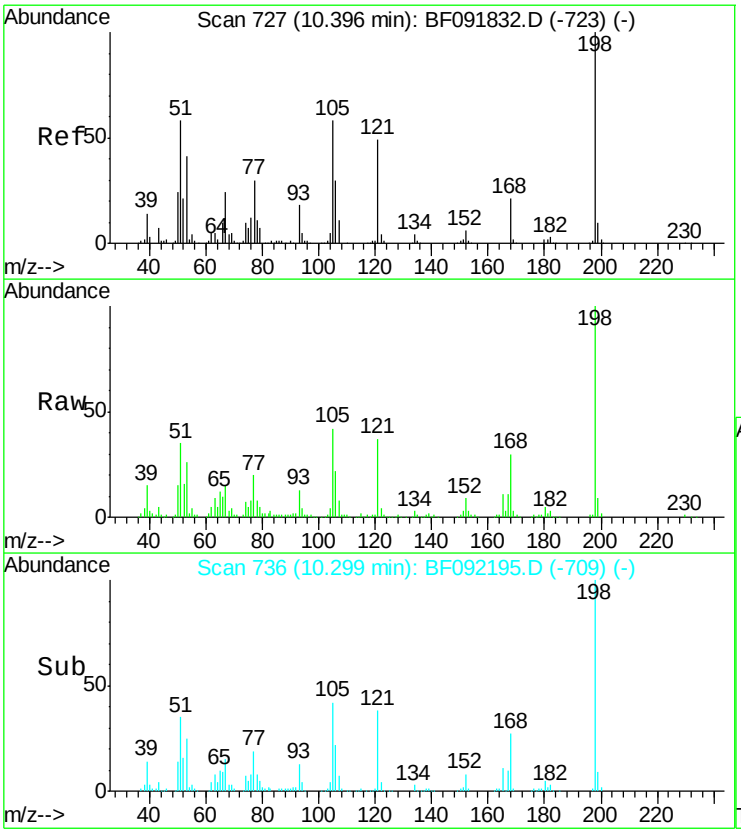

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:188 Resp: 605916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.2 | 10.0 | 15.0# |
| 80 | 8.7 | 11.2 | 16.8# |

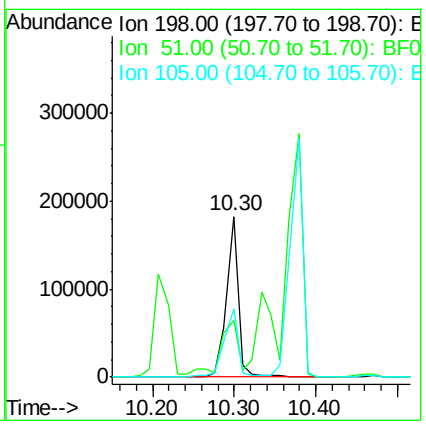


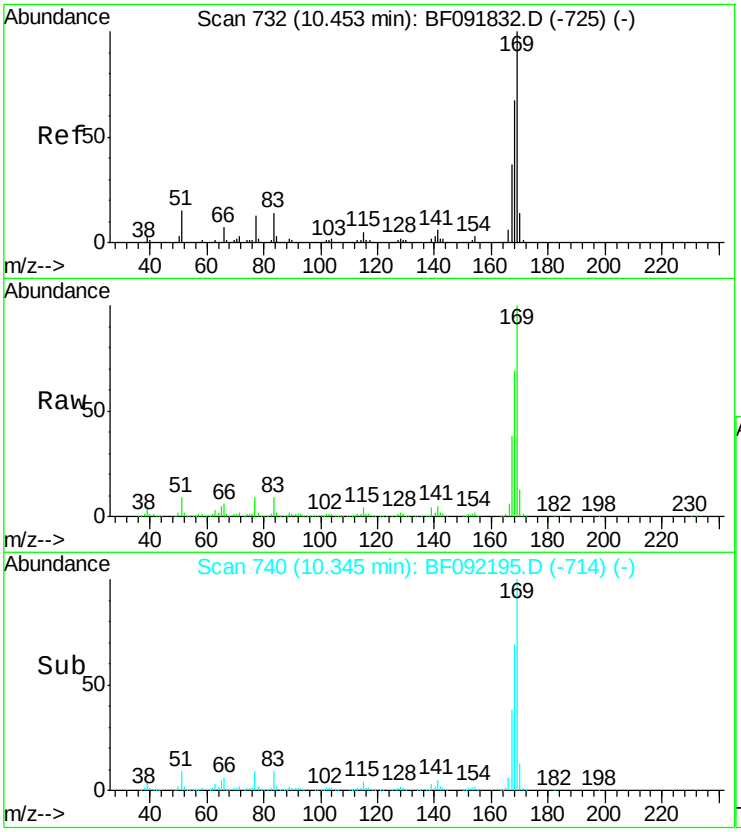




#64
4,6-Dinitro-2-methylphenol
Concen: 50.48 ng
RT: 10.30 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:198 Resp: 184972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 35.2 | 6.7 | 46.7 |
| 105 | 42.2 | 16.6 | 56.6 |



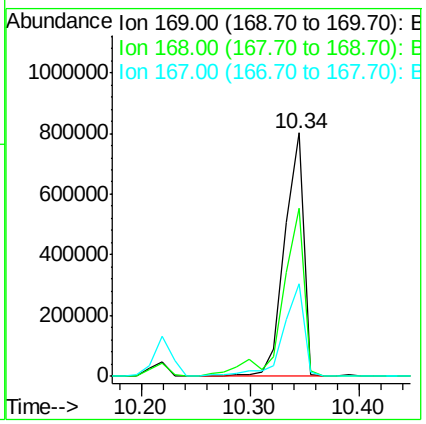


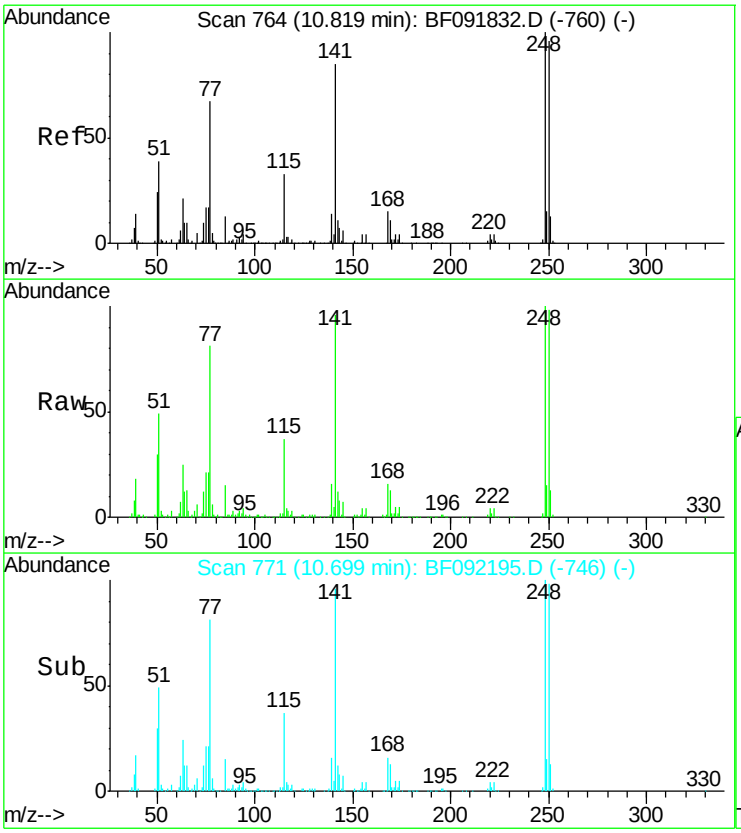

#65
n-Nitrosodiphenylamine
Concen: 54.83 ng
RT: 10.34 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:169 Resp: 985770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 69.1 | 54.2 | 81.2 |
| 167 | 38.1 | 30.2 | 45.4 |

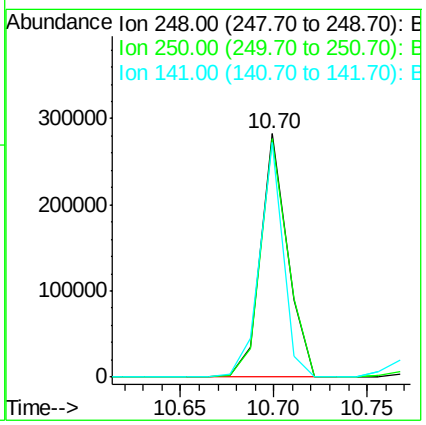


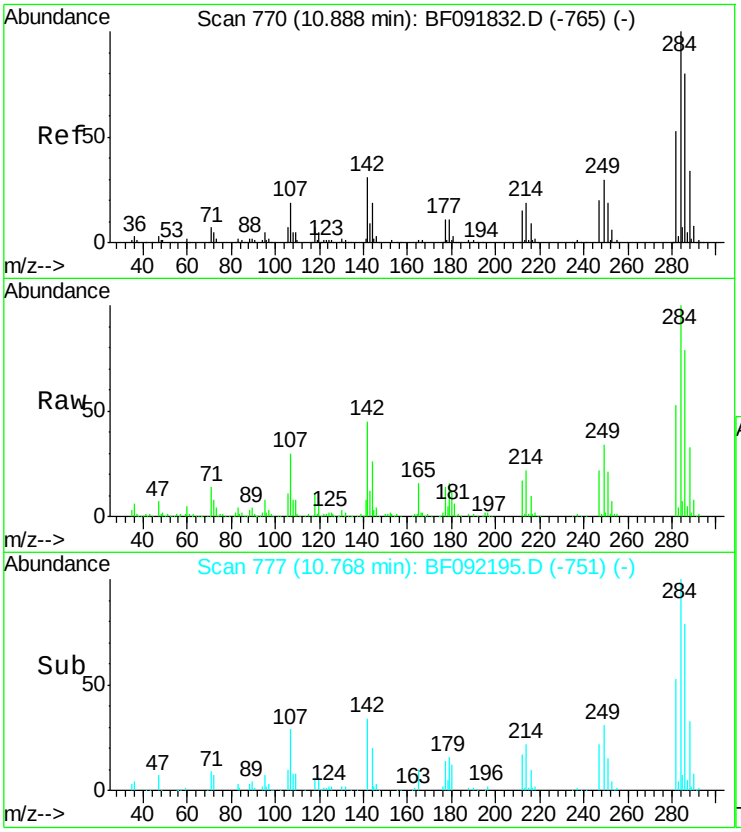




#66
4-Bromophenyl-phenylether
Concen: 44.60 ng
RT: 10.70 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:248 Resp: 281083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.9 | 76.9 | 115.3 |
| 141 | 96.3 | 68.2 | 102.4 |



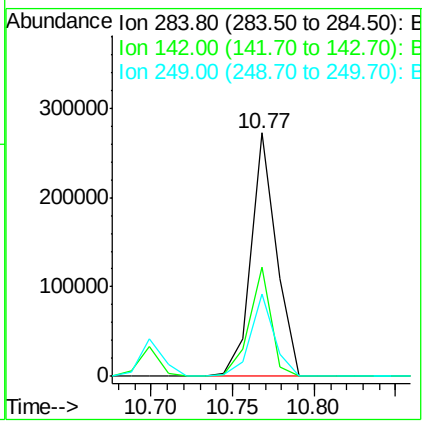


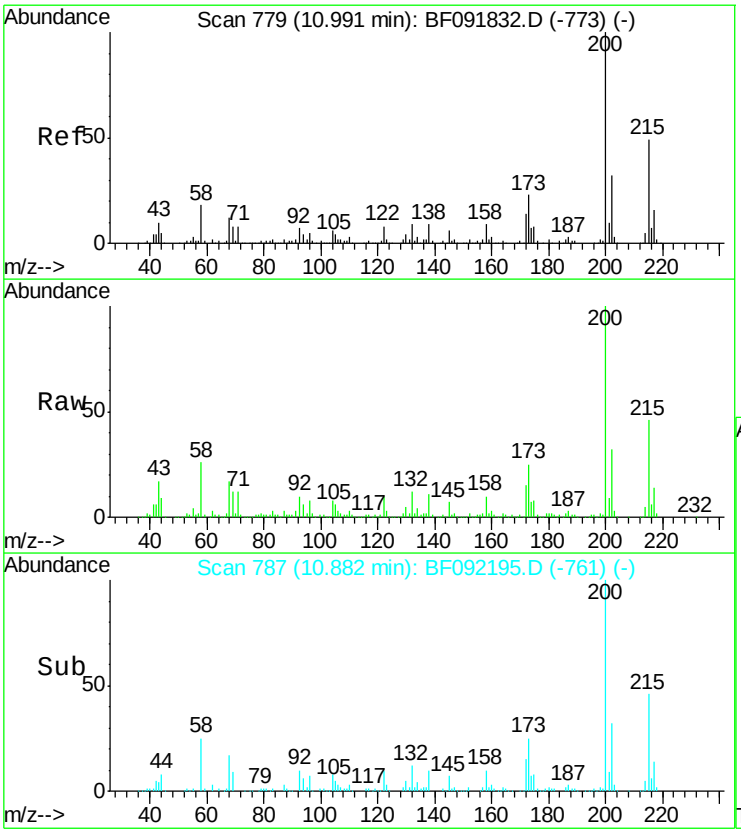

#67
Hexachlorobenzene
Concen: 43.48 ng
RT: 10.77 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:284 Resp: 292941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 44.7 | 22.6 | 33.8# |
| 249 | 33.8 | 25.4 | 38.0 |

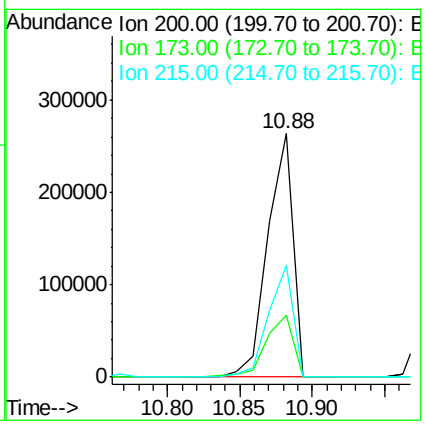


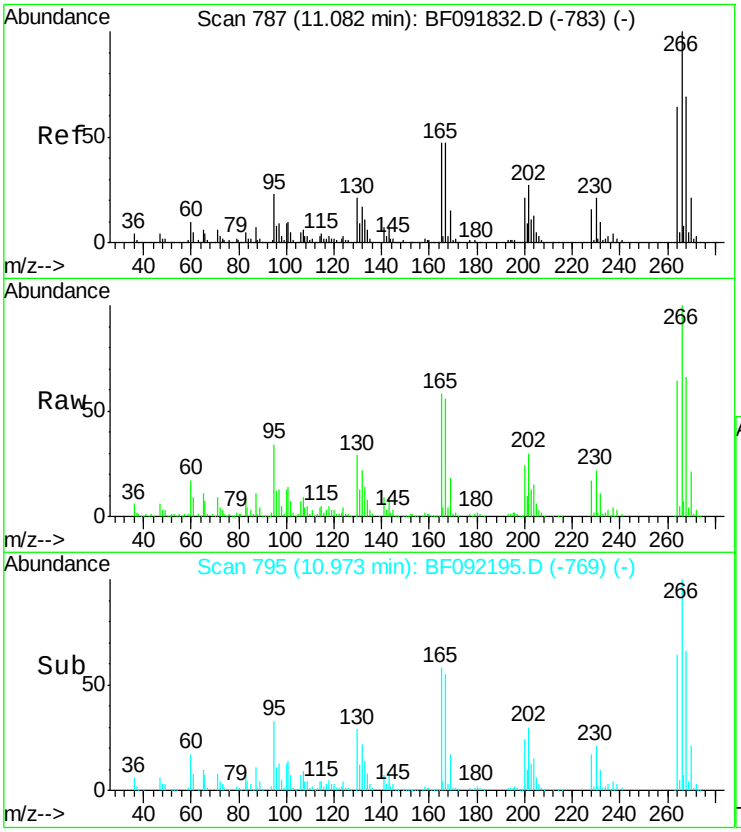




#68
Atrazine
Concen: 54.89 ng
RT: 10.88 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:200 Resp: 318358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 25.4 | 9.6 | 49.6 |
| 215 | 45.7 | 25.7 | 65.7 |



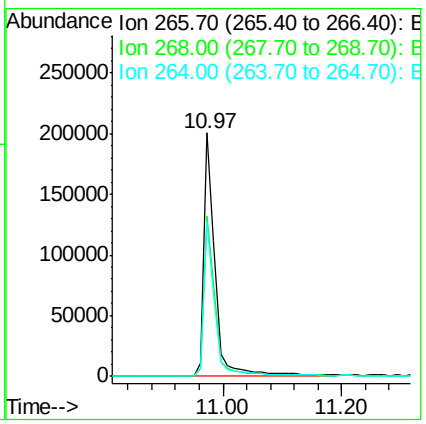


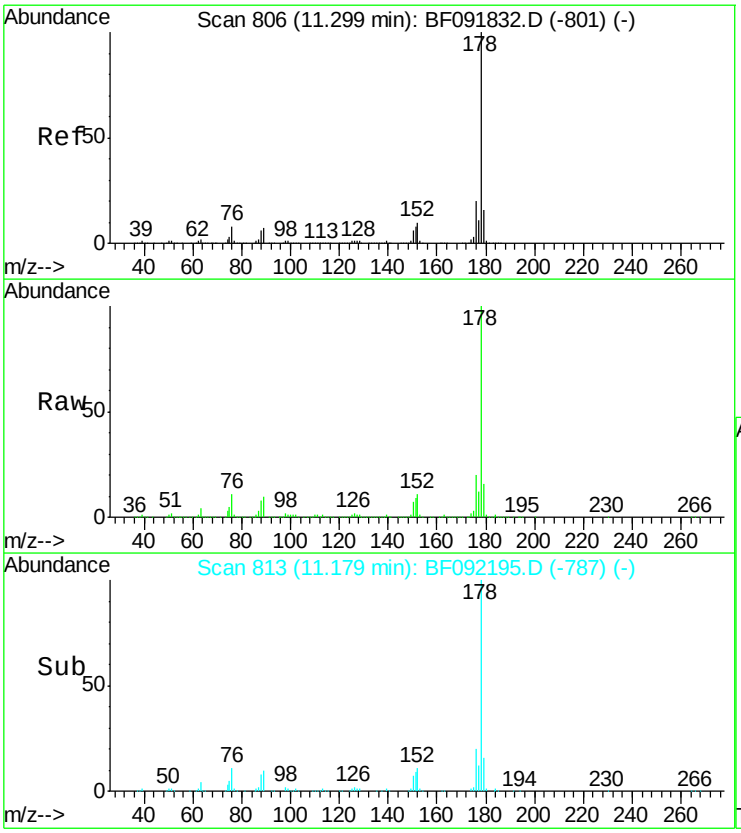

#69
Pentachlorophenol
Concen: 81.95 ng
RT: 10.97 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:266 Resp: 270891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 65.8 | 53.3 | 79.9 |
| 264 | 63.9 | 50.3 | 75.5 |

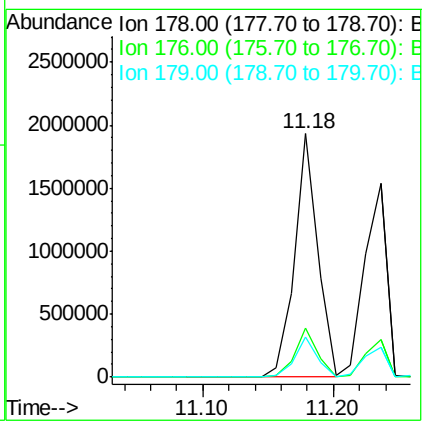


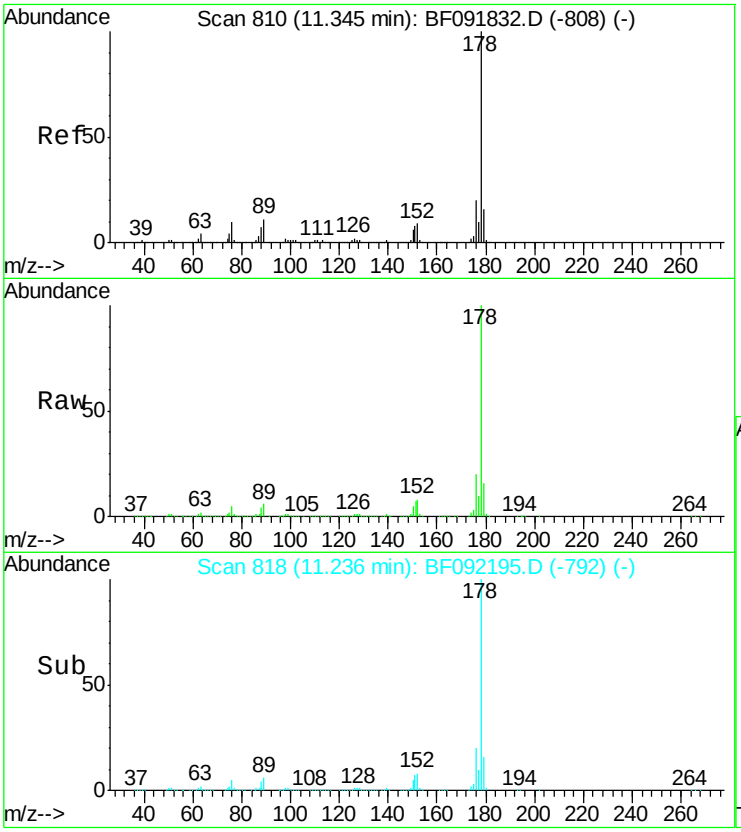




#70
Phenanthrene
Concen: 72.37 ng
RT: 11.18 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:178 Resp: 2377865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.4 | 16.6 | 25.0 |
| 179 | 16.3 | 12.8 | 19.2 |



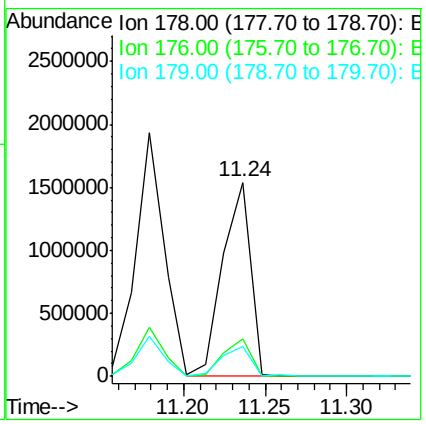


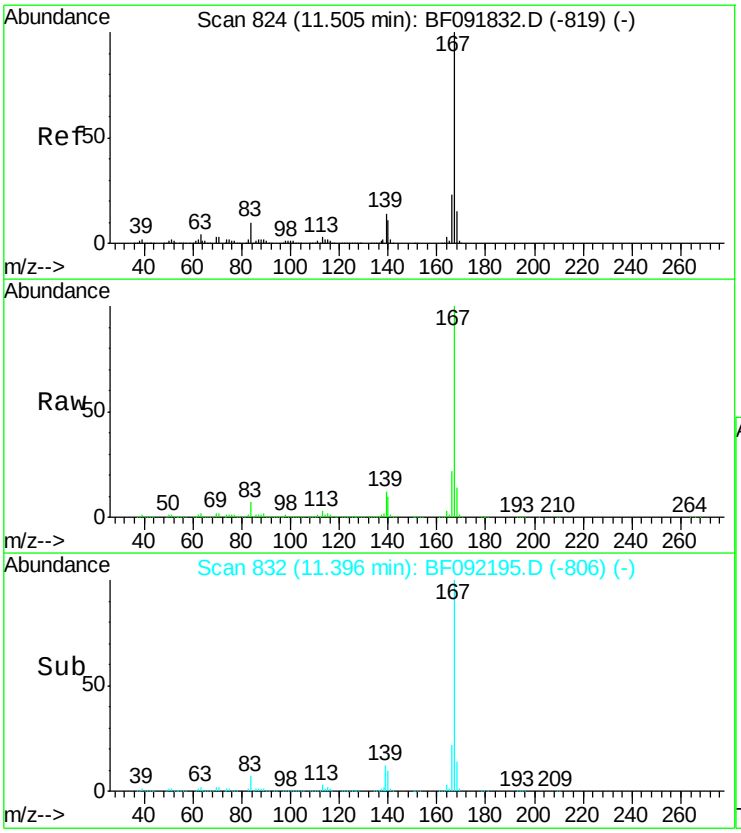

#71
Anthracene
Concen: Below Cal
RT: 11.24 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:178 Resp: 1798843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 15.9 | 23.9 |
| 179 | 15.7 | 13.2 | 19.8 |

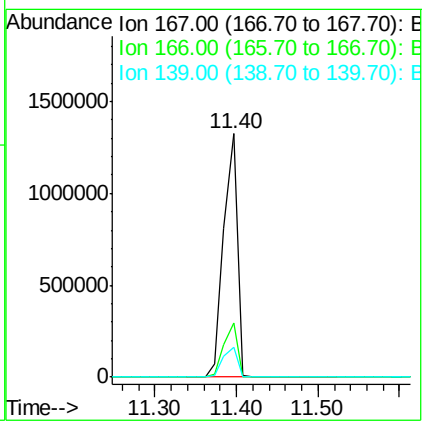


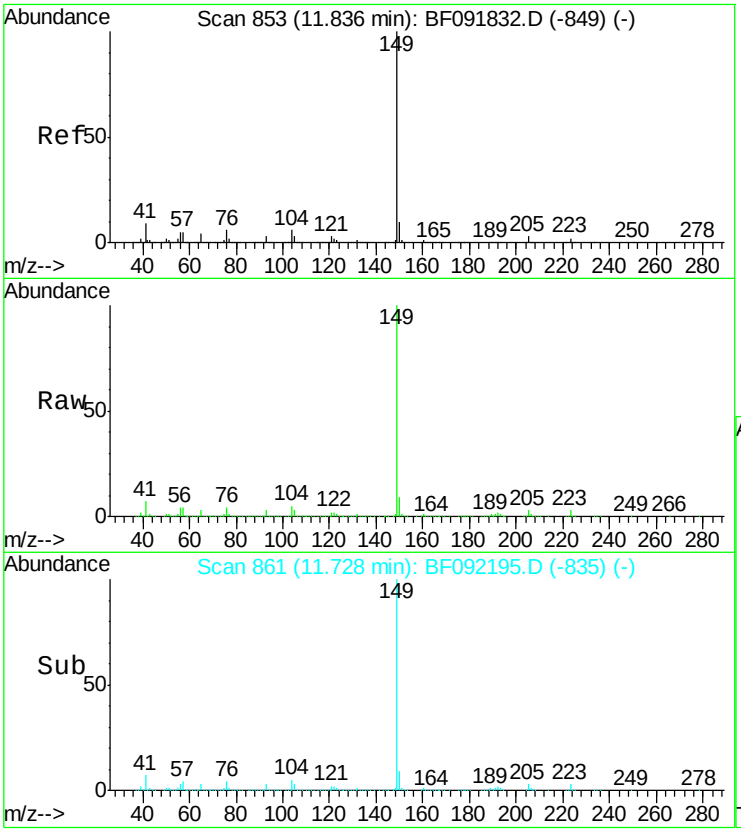




#72
Carbazole
Concen: Below Cal
RT: 11.40 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:167 Resp: 1528291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.2 | 18.2 | 27.2 |
| 139 | 12.5 | 11.4 | 17.2 |



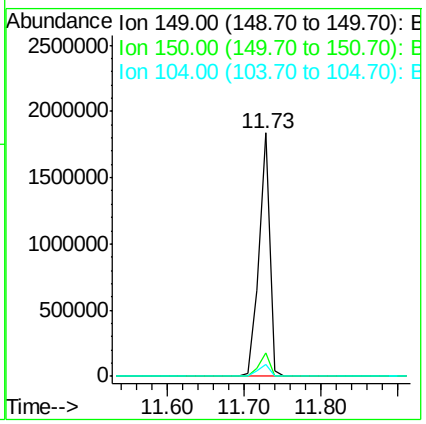


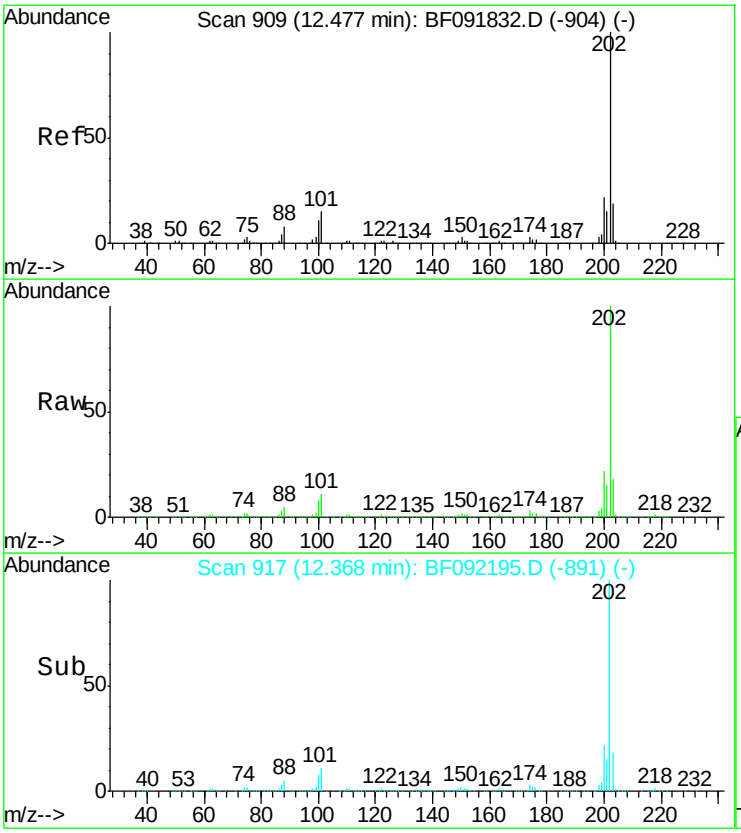

#73
Di-n-butylphthalate
Concen: 57.80 ng
RT: 11.73 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:149 Resp: 1763052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.4 | 8.1 | 12.1 |
| 104 | 5.1 | 4.6 | 7.0 |

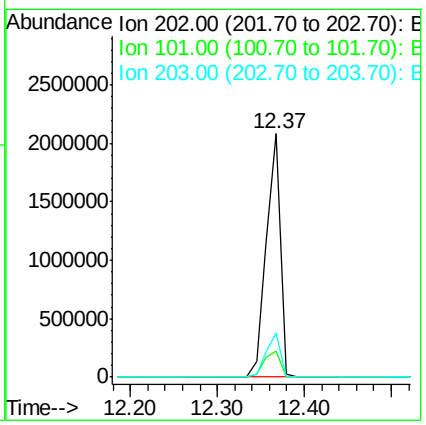


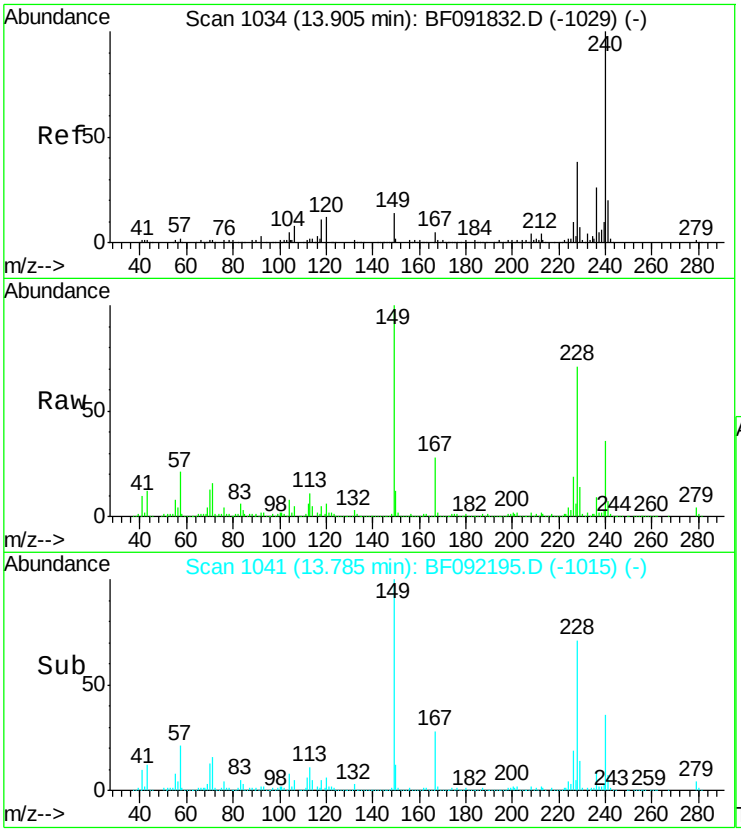




#74
Fluoranthene
Concen: 84.57 ng
RT: 12.37 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:202 Resp: 2340642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.8 | 0.0 | 34.6 |
| 203 | 18.3 | 0.0 | 38.7 |



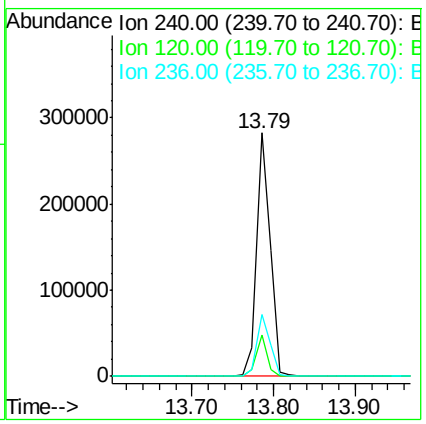


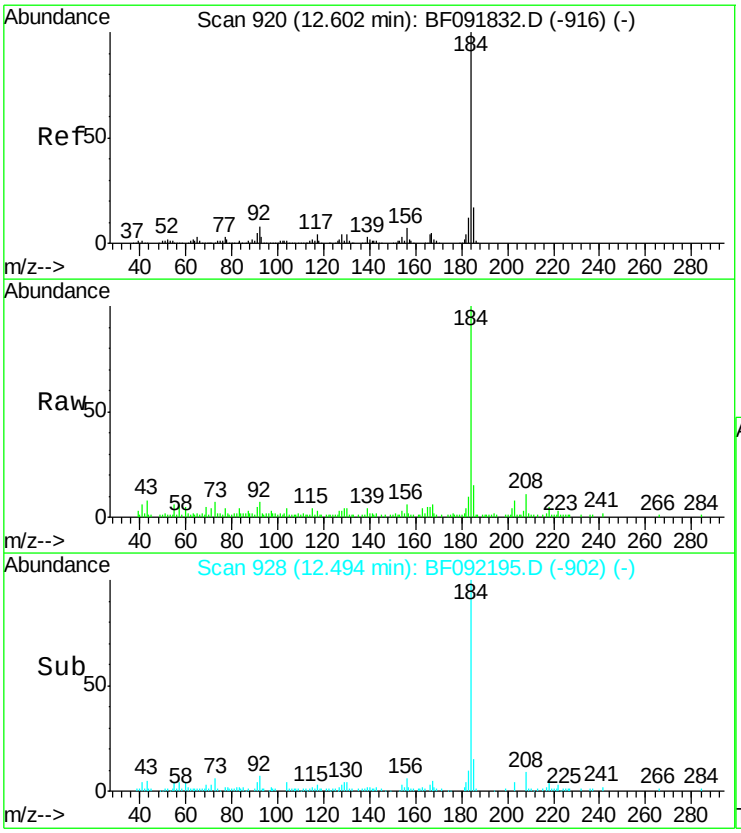

#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:240 Resp: 324325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 16.9 | 12.9 | 19.3 |
| 236 | 25.6 | 20.9 | 31.3 |

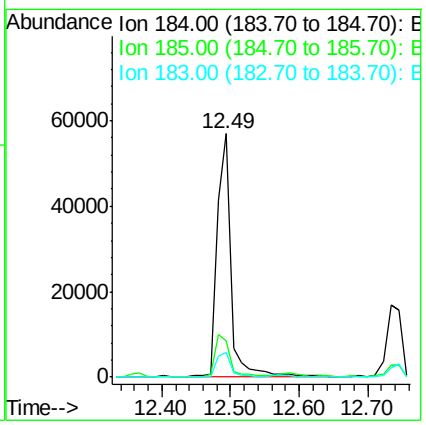


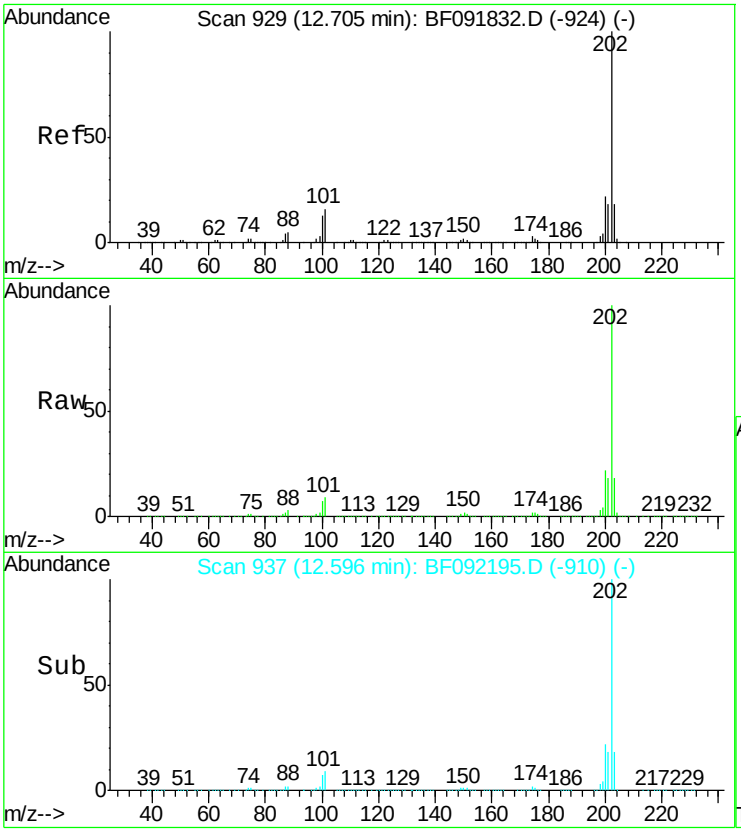




#76
Benzidine
Concen: 6.45 ng
RT: 12.49 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:184 Resp: 80721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.7 | 13.4 | 20.0 |
| 183 | 10.3 | 9.2 | 13.8 |



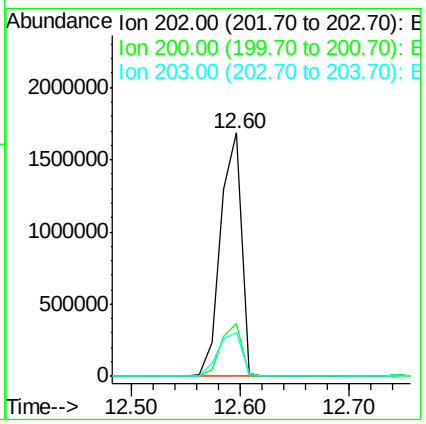


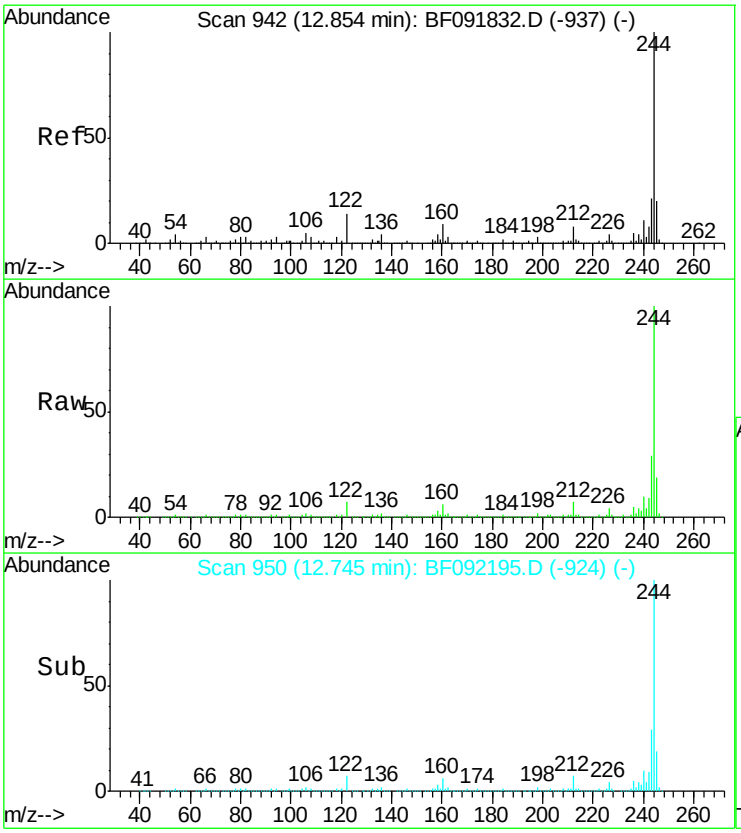

#77
Pyrene
Concen: 93.40 ng
RT: 12.60 min Scan# 937
Delta R.T. 0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:202 Resp: 2222492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.0 | 17.7 | 26.5 |
| 203 | 18.1 | 14.7 | 22.1 |

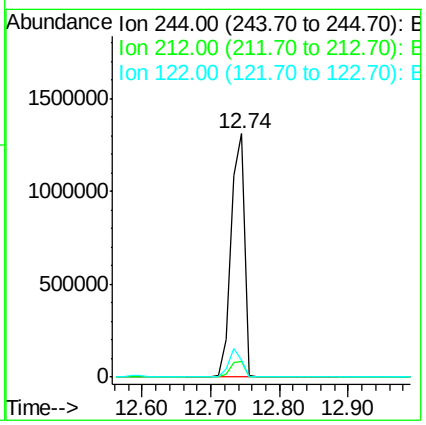


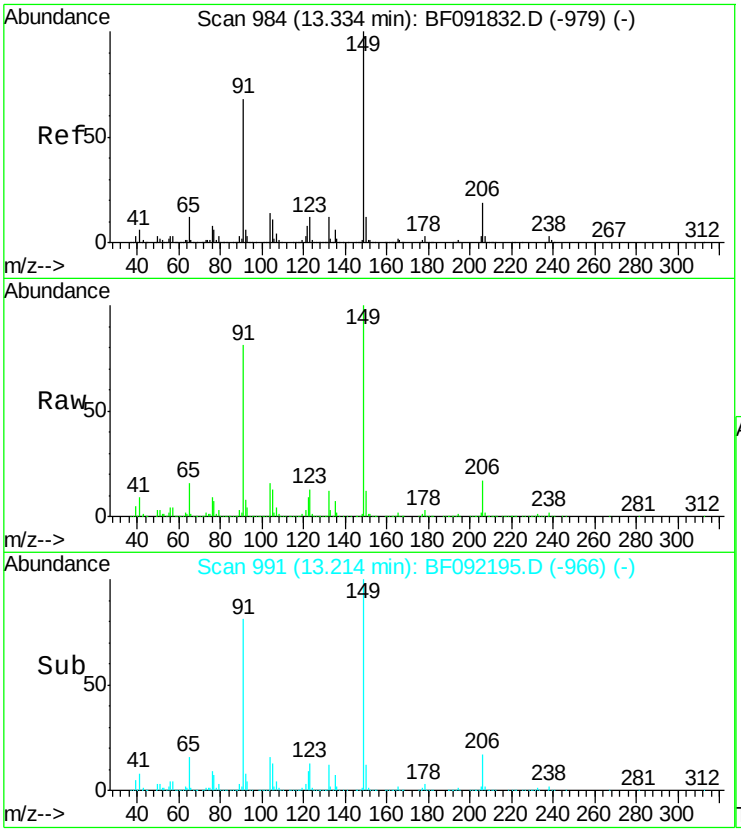




#78
Terphenyl-d14
Concen: 134.73 ng
RT: 12.74 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:244 Resp: 1801659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.6 | 6.2 | 9.2 |
| 122 | 6.9 | 11.4 | 17.2# |



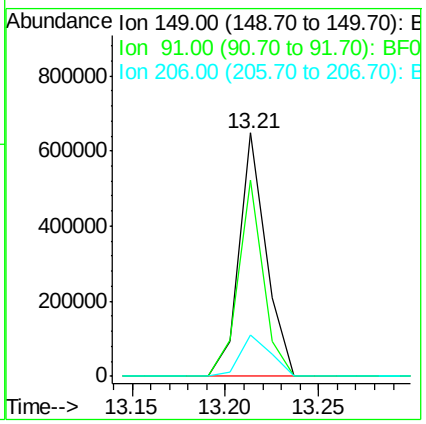


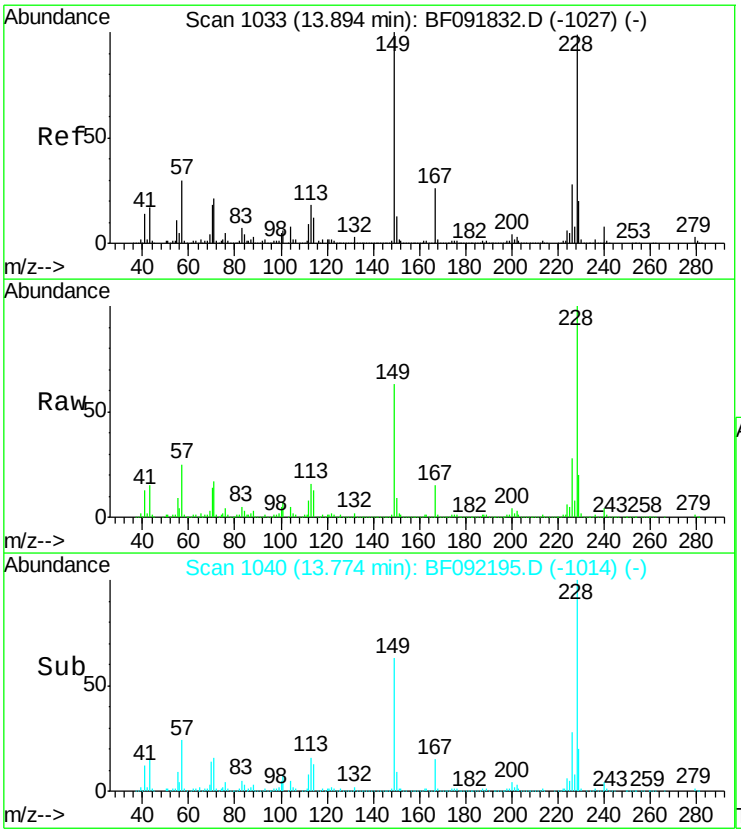

#79
Butylbenzylphthalate
Concen: 60.42 ng
RT: 13.21 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:149 Resp: 653922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 80.6 | 63.9 | 95.9 |
| 206 | 17.1 | 14.6 | 21.8 |

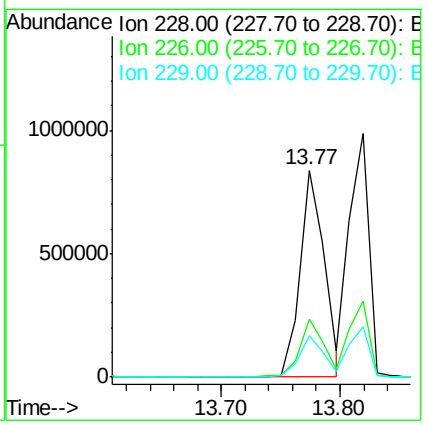


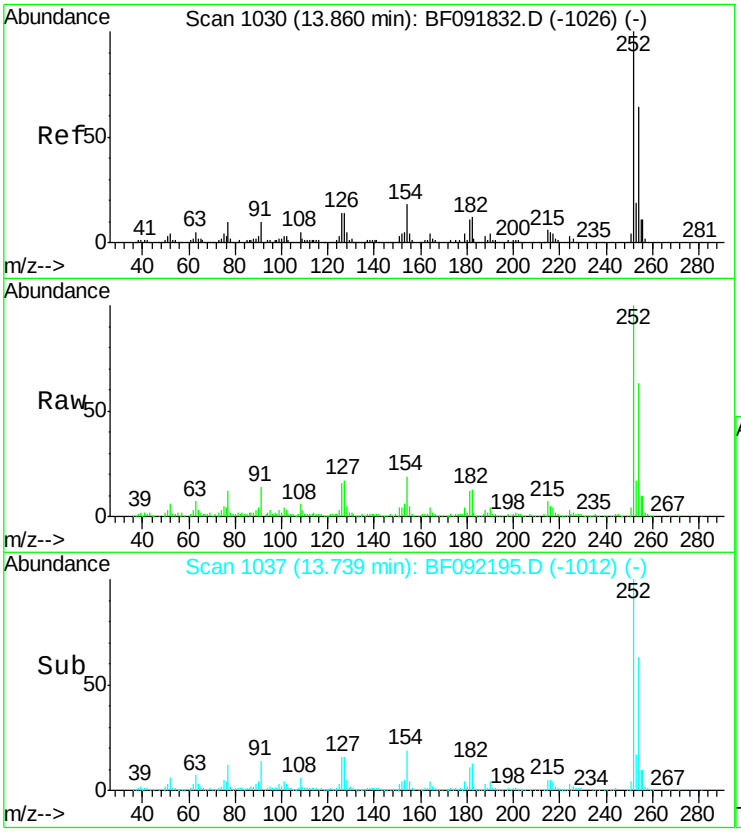




#80
Benzo(a)anthracene
Concen: 65.01 ng
RT: 13.77 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:228 Resp: 1190229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.8 | 22.4 | 33.6 |
| 229 | 20.0 | 16.2 | 24.4 |



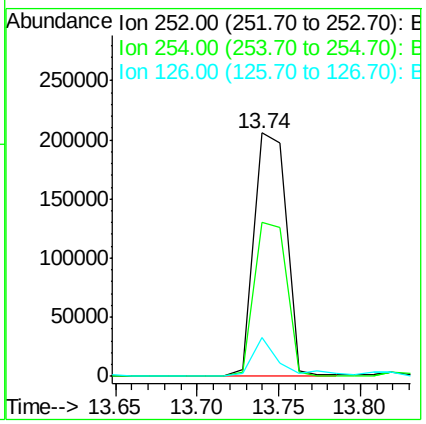


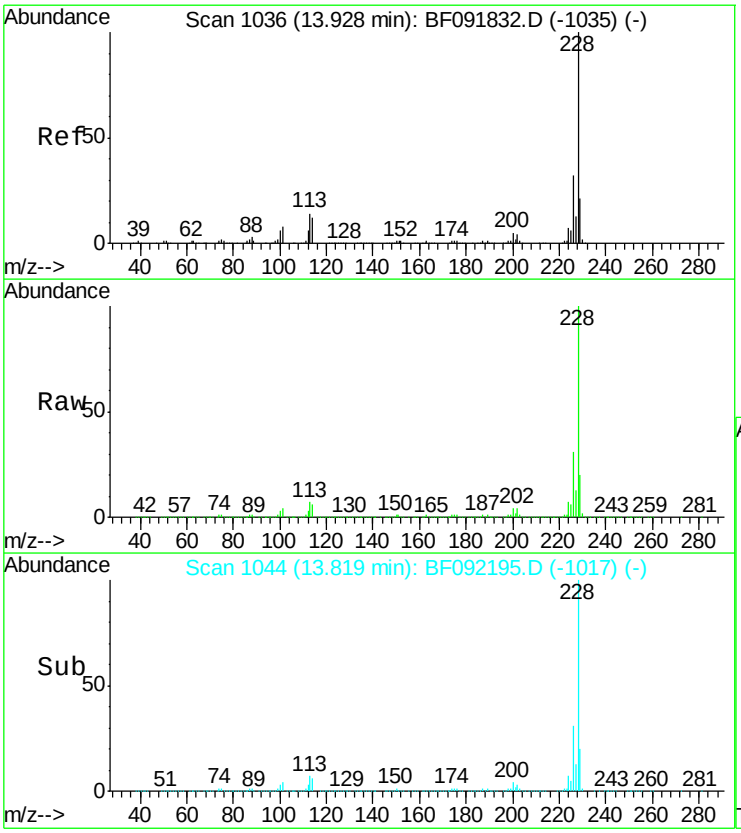

#81
3,3'-Dichlorobenzidine
Concen: 41.18 ng
RT: 13.74 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:252 Resp: 285902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.0 | 52.3 | 78.5 |
| 126 | 15.9 | 13.6 | 20.4 |

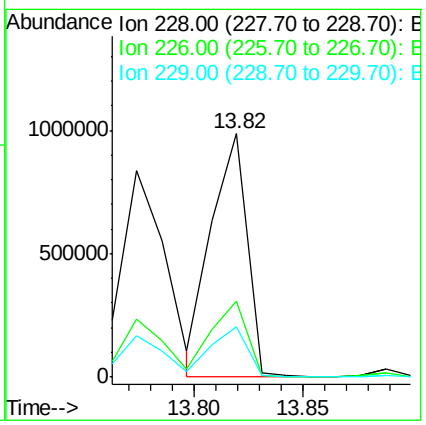


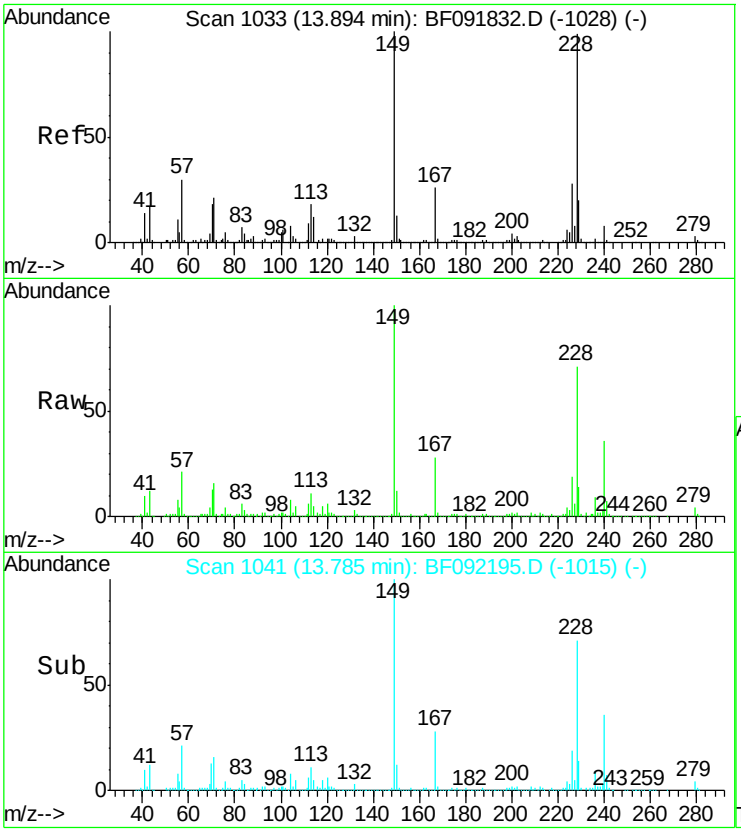




#82
Chrysene
Concen: 61.40 ng
RT: 13.82 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:228 Resp: 1127462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.4 | 25.4 | 38.0 |
| 229 | 20.4 | 16.2 | 24.2 |



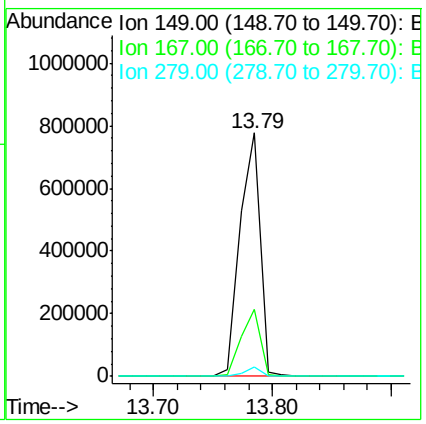


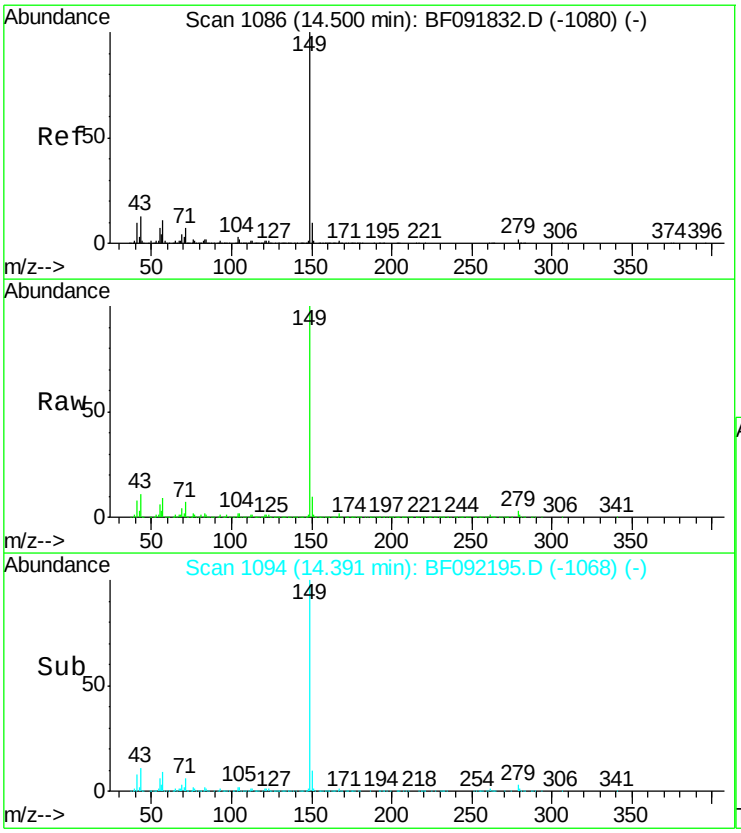

#83
Bis(2-ethylhexyl)phthalate
Concen: 72.32 ng
RT: 13.79 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:149 Resp: 921775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.7 | 20.2 | 30.4 |
| 279 | 3.8 | 1.8 | 2.8# |

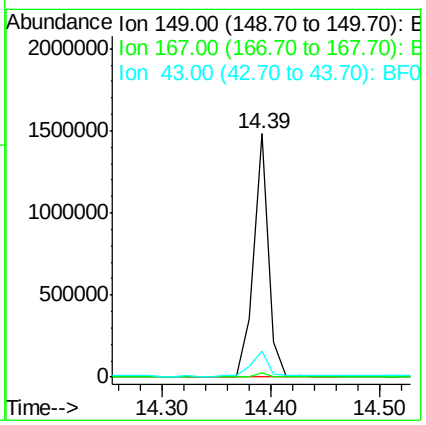


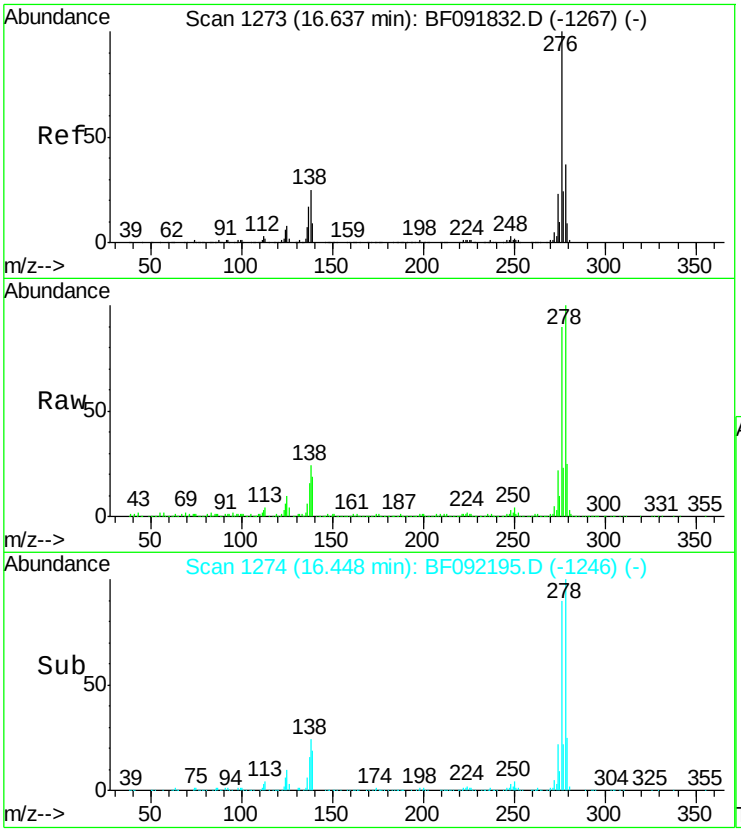




#84
Di-n-octyl phthalate
Concen: 60.10 ng
RT: 14.39 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:149 Resp: 1418944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.3 | 1.9 |
| 43 | 11.6 | 8.9 | 13.3 |



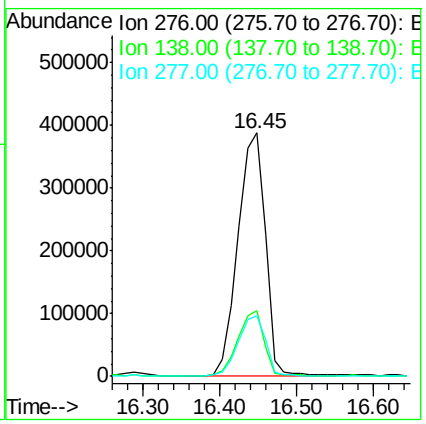


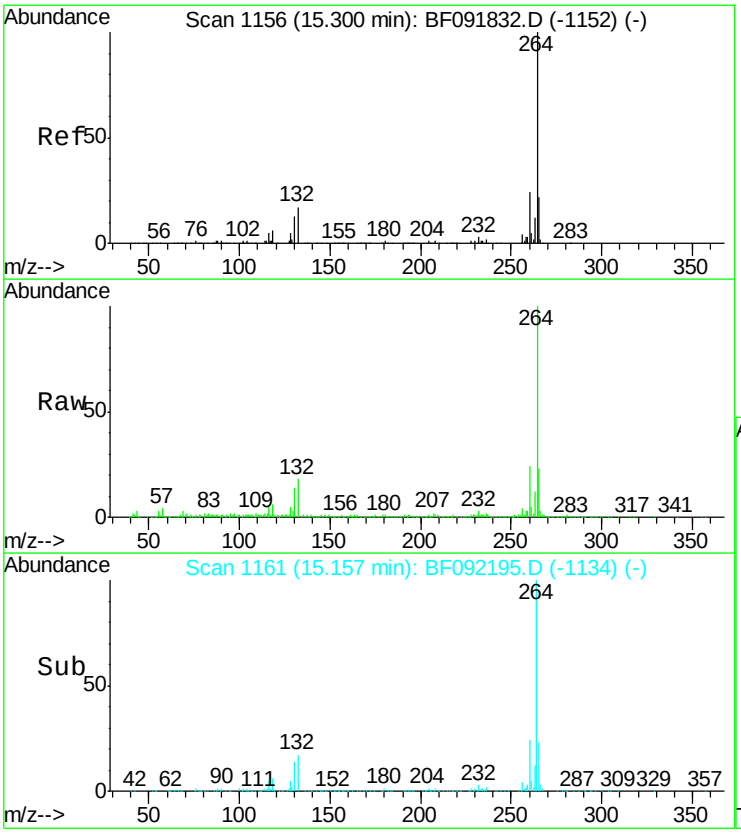

#85
Indeno(1,2,3-cd)pyrene
Concen: 60.42 ng
RT: 16.45 min Scan# 1274
Delta R.T. 0.02 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:276 Resp: 961274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 25.8 | 21.8 | 32.6 |
| 277 | 24.7 | 20.2 | 30.4 |

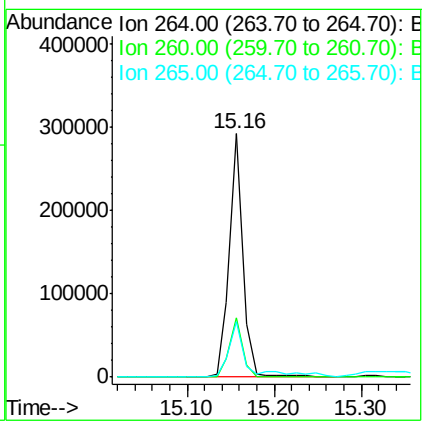


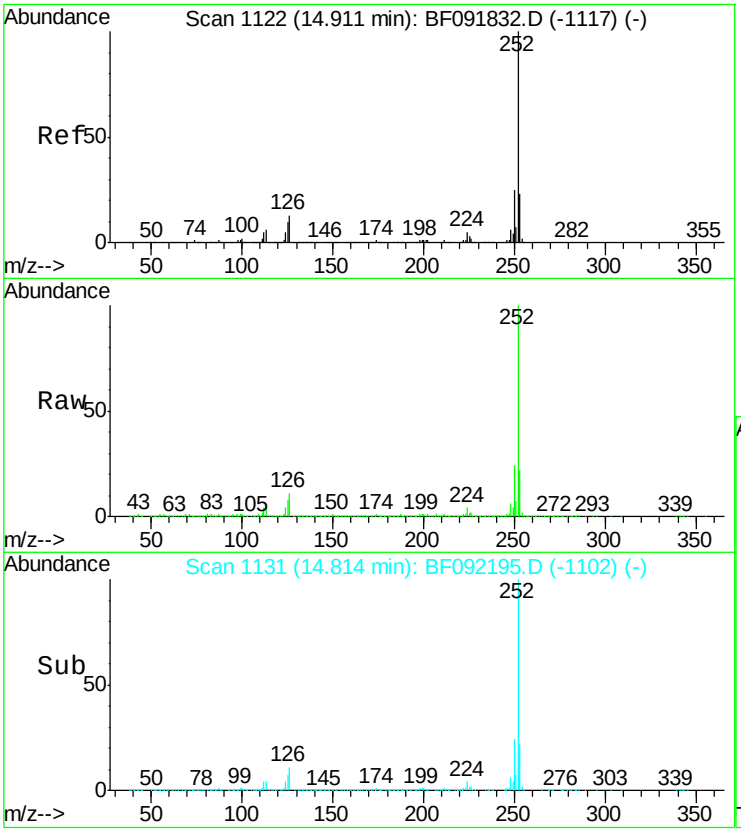




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.16 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:264 Resp: 315060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.3 | 19.2 | 28.8 |
| 265 | 22.7 | 17.4 | 26.0 |



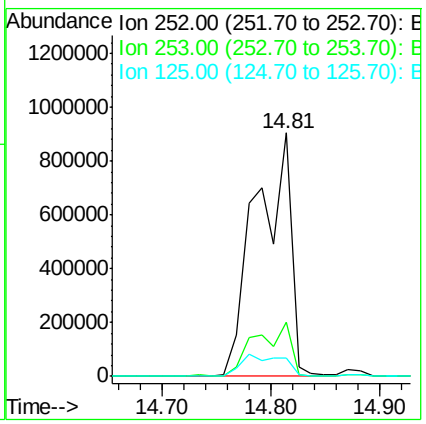


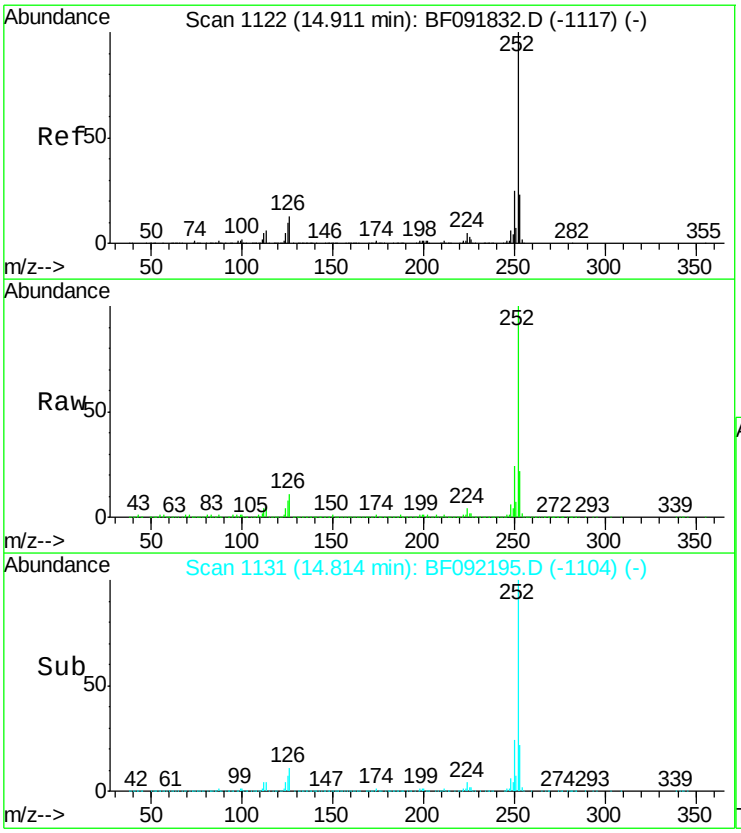

#87
Benzo(b)fluoranthene
Concen: 102.68 ng
RT: 14.81 min Scan# 1131
Delta R.T. 0.03 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:252 Resp: 2014154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 18.2 | 27.4 |
| 125 | 7.7 | 9.8 | 14.6# |

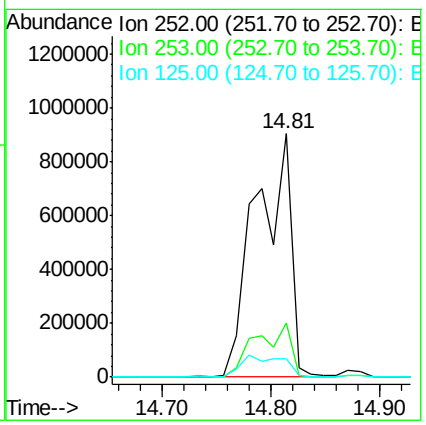


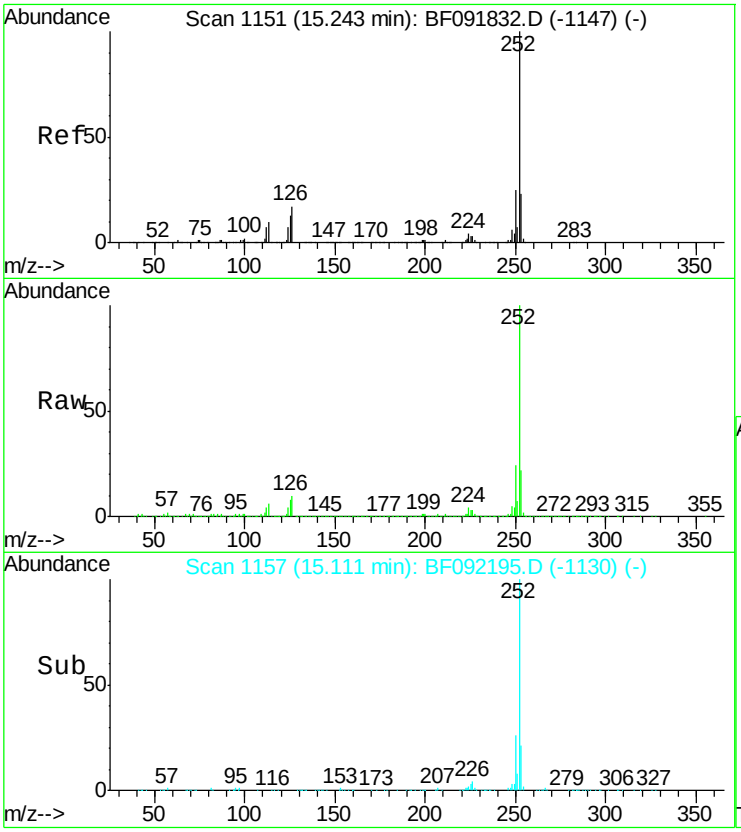




#88
Benzo(k)fluoranthene
Concen: 120.42 ng
RT: 14.81 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:252 Resp: 2014154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 18.5 | 27.7 |
| 125 | 7.7 | 8.9 | 13.3# |



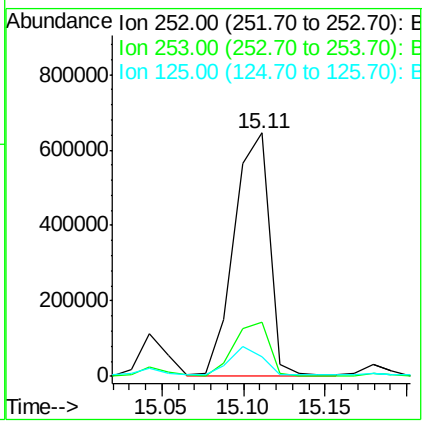


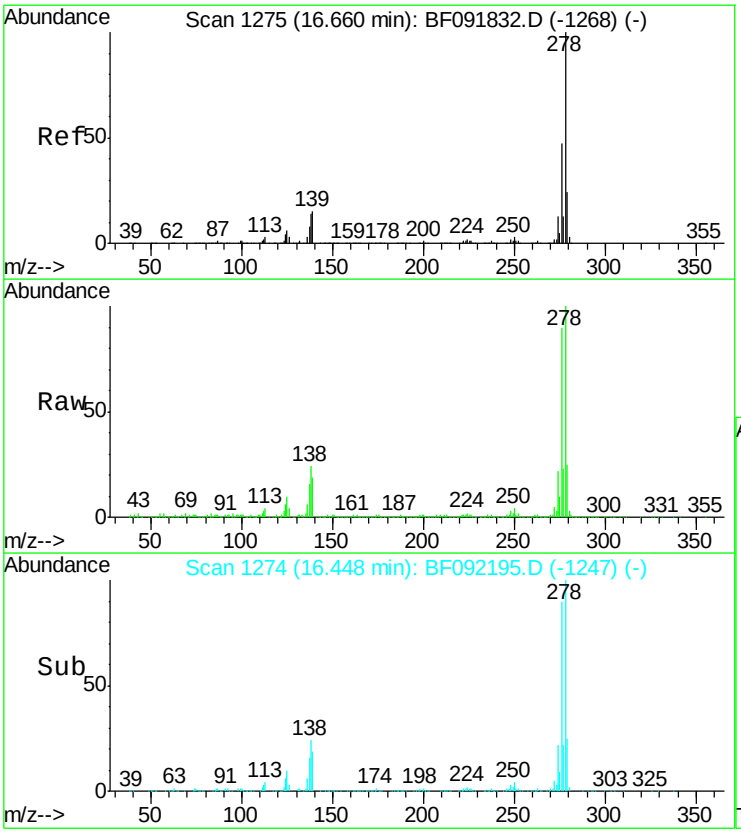

#89
Benzo(a)pyrene
Concen: 55.44 ng
RT: 15.11 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:252 Resp: 965273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 18.2 | 27.2 |
| 125 | 7.9 | 10.0 | 15.0# |

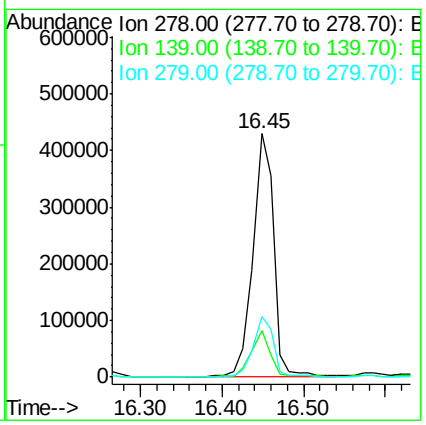


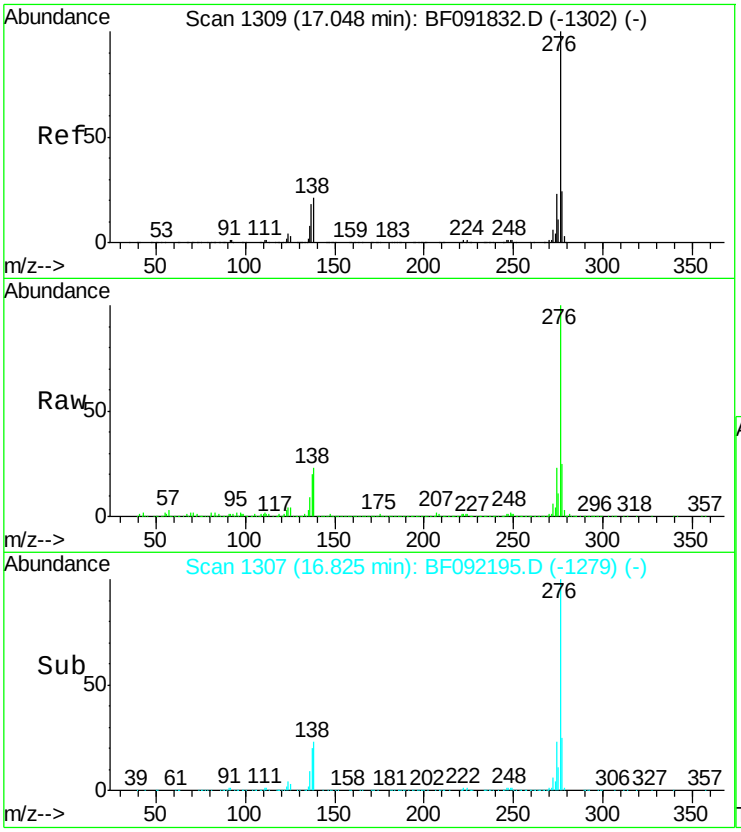




#90
Dibenzo(a,h)anthracene
Concen: 52.73 ng
RT: 16.45 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:278 Resp: 754589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 19.3 | 14.8 | 22.2 |
| 279 | 25.1 | 19.8 | 29.6 |






#91
Benzo(g,h,i)perylene
Concen: 56.46 ng
RT: 16.83 min Scan# 1307
Delta R.T. 0.02 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

**Instrument :**
BNA_F
**ClientSampleId :**
USDOT-617122-COMP-0-2MSD

Tgt Ion:276 Resp: 840140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.7 | 19.2 | 28.8 |
| 138 | 23.2 | 16.0 | 24.0 |