Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084188.D
Acq On : 31 Dec 2015 11:10
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**
UMANGI
1/4/2016 4:28:33 PM

Quant Time: Dec 31 13:14:36 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 11:37:45 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.90 | 152 | 335416 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.19 | 136 | 1372785 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.95 | 164 | 668440 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.42 | 188 | 1201835 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.07 | 240 | 825364 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.51 | 264 | 676401 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.49 | 112 | 1994025 | 46.09 | ng | | 0.00 |
| 7) Phenol-d6 | 6.53 | 99 | 2494472 | 45.45 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.47 | 82 | 2386795 | 47.55 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.74 | 330 | 674881 | 46.60 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.28 | 172 | 3769504 | 39.71 | ng | | 0.01 |
| 78) Terphenyl-d14 | 13.01 | 244 | 3483908 | 46.61 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.52 | 88 | 493445 | 49.92 | ng | # | 73 |
| 3) Pyridine | 3.26 | 79 | 1406624 | 58.16 | ng | # | 71 |
| 4) n-Nitrosodimethylamine | 3.22 | 42 | 736944 | 55.68 | ng | | 78 |
| 6) Aniline | 6.57 | 93 | 1852721 | 46.35 | ng | # | 83 |
| 8) 2-Chlorophenol | 6.69 | 128 | 1180733 | 48.09 | ng | | 95 |
| 9) Benzaldehyde | 6.45 | 77 | 777226 | 39.95 | ng | | 95 |
| 10) Phenol | 6.54 | 94 | 1315538 | 41.49 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 6.65 | 93 | 1211381 | 51.52 | ng | | 90 |
| 12) 1,3-Dichlorobenzene | 6.84 | 146 | 1126659m | 43.35 | ng | | |
| 13) 1,4-Dichlorobenzene | 6.92 | 146 | 1164292 | 44.28 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.08 | 146 | 1087371 | 43.63 | ng | | 95 |
| 15) Benzyl Alcohol | 7.05 | 79 | 991960 | 42.19 | ng | | 93 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.18 | 45 | 1996292 | 45.34 | ng | | 84 |
| 17) 2-Methylphenol | 7.16 | 107 | 971118 | 47.32 | ng | | 95 |
| 18) Hexachloroethane | 7.42 | 117 | 493835 | 50.15 | ng | # | 89 |
| 19) n-Nitroso-di-n-propylamine | 7.33 | 70 | 916666 | 50.73 | ng | # | 76 |
| 20) 3+4-Methylphenols | 7.32 | 107 | 1143651 | 46.09 | ng | # | 85 |
| 22) Acetophenone | 7.32 | 105 | 1576488 | 45.06 | ng | # | 91 |
| 24) Nitrobenzene | 7.49 | 77 | 1336663 | 52.22 | ng | | 98 |
| 25) Isophorone | 7.73 | 82 | 2275315 | 47.19 | ng | | 99 |
| 26) 2-Nitrophenol | 7.80 | 139 | 579158 | 53.67 | ng | # | 76 |
| 27) 2,4-Dimethylphenol | 7.85 | 122 | 1167840 | 48.61 | ng | | 94 |
| 28) bis(2-Chloroethoxy)methane | 7.95 | 93 | 1421139 | 48.38 | ng | # | 95 |
| 29) 2,4-Dichlorophenol | 8.05 | 162 | 963592 | 49.66 | ng | | 92 |
| 30) 1,2,4-Trichlorobenzene | 8.13 | 180 | 976771 | 47.14 | ng | | 97 |
| 31) Naphthalene | 8.21 | 128 | 2824439m | 41.60 | ng | | |
| 32) Benzoic acid | 7.97 | 122 | 700578m | 68.96 | ng | | |
| 33) 4-Chloroaniline | 8.26 | 127 | 1293783 | 43.45 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.34 | 225 | 569561 | 49.80 | ng | | 97 |
| 35) Caprolactam | 8.65 | 113 | 303328 | 46.16 | ng | # | 45 |
| 36) 4-Chloro-3-methylphenol | 8.74 | 107 | 1030532 | 46.87 | ng | | 91 |
| 37) 2-Methylnaphthalene | 8.91 | 142 | 2155608 | 45.97 | ng | | 100 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.07 | 216 | 867702 | 41.00 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 9.06 | 237 | 566098 | 48.05 | ng | | 97 |

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Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084188.D
Acq On : 31 Dec 2015 11:10
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
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1/4/2016 4:28:33 PM

Quant Time: Dec 31 13:14:36 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 11:37:45 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.18 | 196 | 674246 | 44.16 | ng | | 95 |
| 43) 2,4,5-Trichlorophenol | 9.22 | 196 | 658057 | 45.91 | ng | # | 86 |
| 45) 1,1'-Biphenyl | 9.37 | 154 | 2296782 | 37.68 | ng | | 97 |
| 46) 2-Chloronaphthalene | 9.39 | 162 | 1807475 | 40.14 | ng | | 98 |
| 47) 2-Nitroaniline | 9.48 | 65 | 704477 | 53.32 | ng | | 96 |
| 48) Acenaphthylene | 9.81 | 152 | 3030750 | 41.96 | ng | # | 94 |
| 49) Dimethylphthalate | 9.68 | 163 | 2099430 | 40.58 | ng | # | 89 |
| 50) 2,6-Dinitrotoluene | 9.73 | 165 | 525206 | 48.80 | ng | # | 60 |
| 51) Acenaphthene | 9.98 | 154 | 2065403 | 43.77 | ng | | 97 |
| 52) 3-Nitroaniline | 9.90 | 138 | 691747 | 52.09 | ng | | 86 |
| 53) 2,4-Dinitrophenol | 10.00 | 184 | 213623m | 75.14 | ng | | |
| 54) Dibenzofuran | 10.16 | 168 | 2685056 | 41.38 | ng | | 91 |
| 55) 4-Nitrophenol | 10.05 | 139 | 461259 | 30.69 | ng | # | 79 |
| 56) 2,4-Dinitrotoluene | 10.13 | 165 | 656137 | 49.06 | ng | # | 89 |
| 57) Fluorene | 10.50 | 166 | 2050288 | 41.06 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.27 | 232 | 594269 | 48.17 | ng | | 92 |
| 59) Diethylphthalate | 10.37 | 149 | 2221953 | 41.08 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 10.49 | 204 | 858946 | 38.28 | ng | | 93 |
| 61) 4-Nitroaniline | 10.51 | 138 | 615494 | 54.74 | ng | | 92 |
| 62) Azobenzene | 10.65 | 77 | 2367062 | 42.15 | ng | | 86 |
| 64) 4,6-Dinitro-2-methylphenol | 10.54 | 198 | 375658 | 72.05 | ng | | 80 |
| 65) n-Nitrosodiphenylamine | 10.61 | 169 | 1881690 | 45.92 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 10.98 | 248 | 627396 | 45.13 | ng | # | 85 |
| 67) Hexachlorobenzene | 11.04 | 284 | 671017 | 43.50 | ng | # | 75 |
| 68) Atrazine | 11.14 | 200 | 638945 | 46.93 | ng | | 98 |
| 69) Pentachlorophenol | 11.23 | 266 | 388345 | 58.82 | ng | | 97 |
| 70) Phenanthrene | 11.46 | 178 | 3112633 | 42.04 | ng | | 94 |
| 71) Anthracene | 11.50 | 178 | 2685105 | 37.87 | ng | | 96 |
| 72) Carbazole | 11.66 | 167 | 2921231 | 44.60 | ng | | 97 |
| 73) Di-n-butylphthalate | 12.00 | 149 | 3016376 | 38.54 | ng | # | 93 |
| 74) Fluoranthene | 12.64 | 202 | 3011032 | 42.26 | ng | | 96 |
| 76) Benzidine | 12.76 | 184 | 1377686 | 43.25 | ng | | 99 |
| 77) Pyrene | 12.86 | 202 | 3156281 | 49.76 | ng | | 96 |
| 79) Butylbenzylphthalate | 13.49 | 149 | 1404713 | 50.85 | ng | | 89 |
| 80) Benzo(a)anthracene | 14.05 | 228 | 2263075 | 44.97 | ng | | 97 |
| 81) 3,3'-Dichlorobenzidine | 14.02 | 252 | 833564 | 49.68 | ng | # | 94 |
| 82) Chrysene | 14.10 | 228 | 2342023 | 51.19 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 14.05 | 149 | 1704190 | 46.71 | ng | | 98 |
| 84) Di-n-octyl phthalate | 14.67 | 149 | 2980050 | 49.50 | ng | # | 86 |
| 85) Indeno(1,2,3-cd)pyrene | 16.93 | 276 | 1941870 | 55.35 | ng | | 100 |
| 87) Benzo(b)fluoranthene | 15.09 | 252 | 2128955 | 45.13 | ng | | 97 |
| 88) Benzo(k)fluoranthene | 15.12 | 252 | 1705220m | 45.82 | ng | | |
| 89) Benzo(a)pyrene | 15.45 | 252 | 1811086 | 46.58 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 16.95 | 278 | 1571994 | 49.54 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 17.36 | 276 | 1640004 | 51.05 | ng | | 98 |

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

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Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084188.D
Acq On : 31 Dec 2015 11:10
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 31 13:14:36 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 11:37:45 2015
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**
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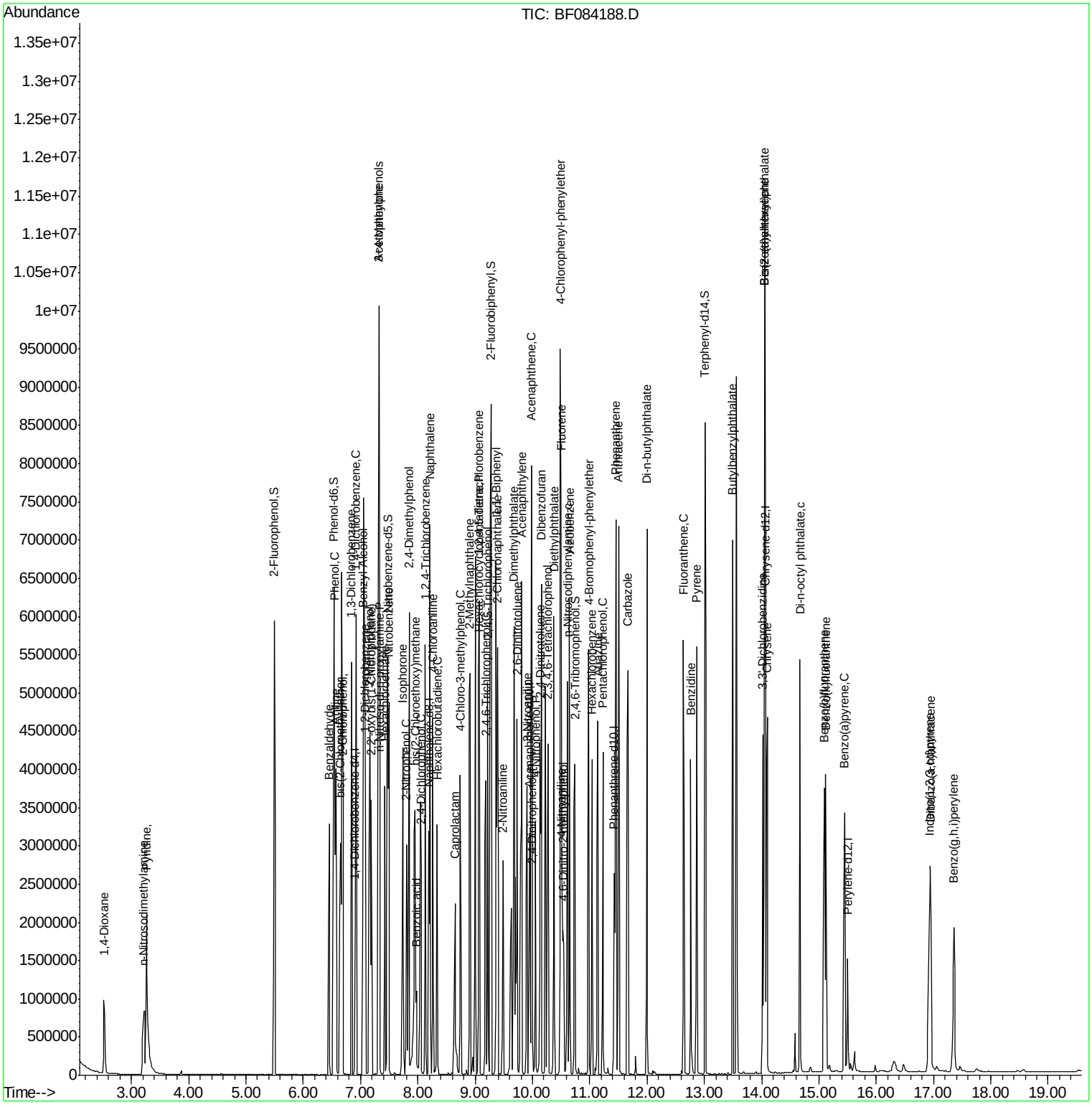
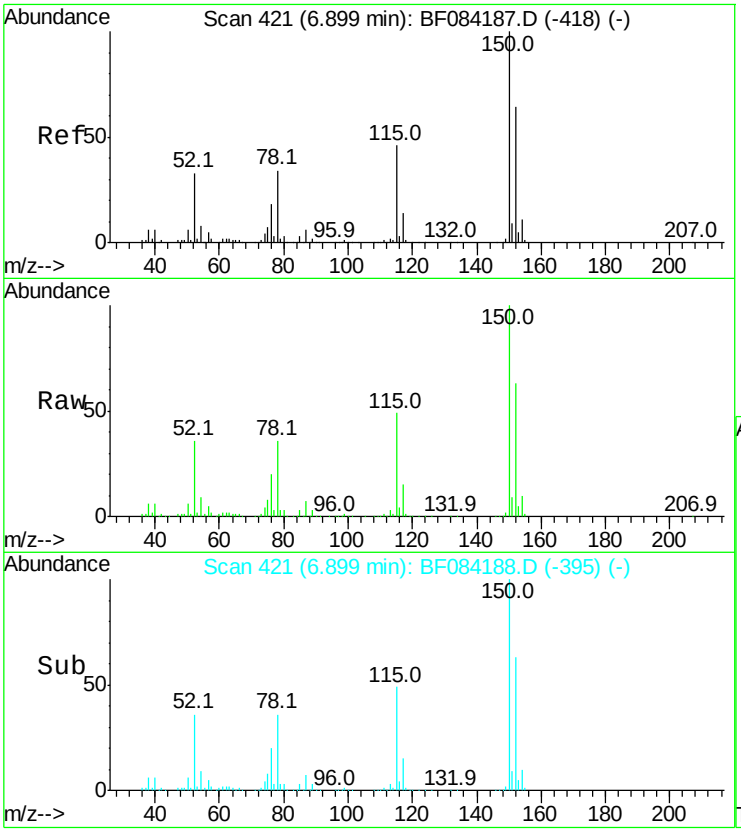
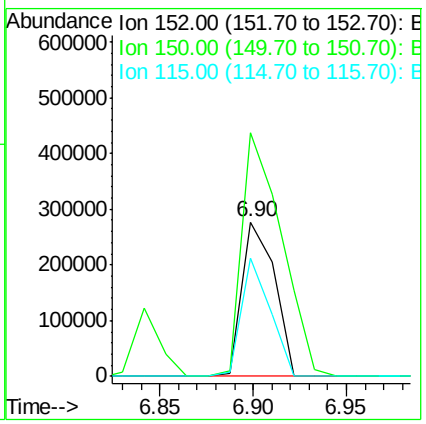





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:152 Resp: 335416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.6 | 123.0 | 184.4 |
| 115 | 76.8 | 51.4 | 77.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**
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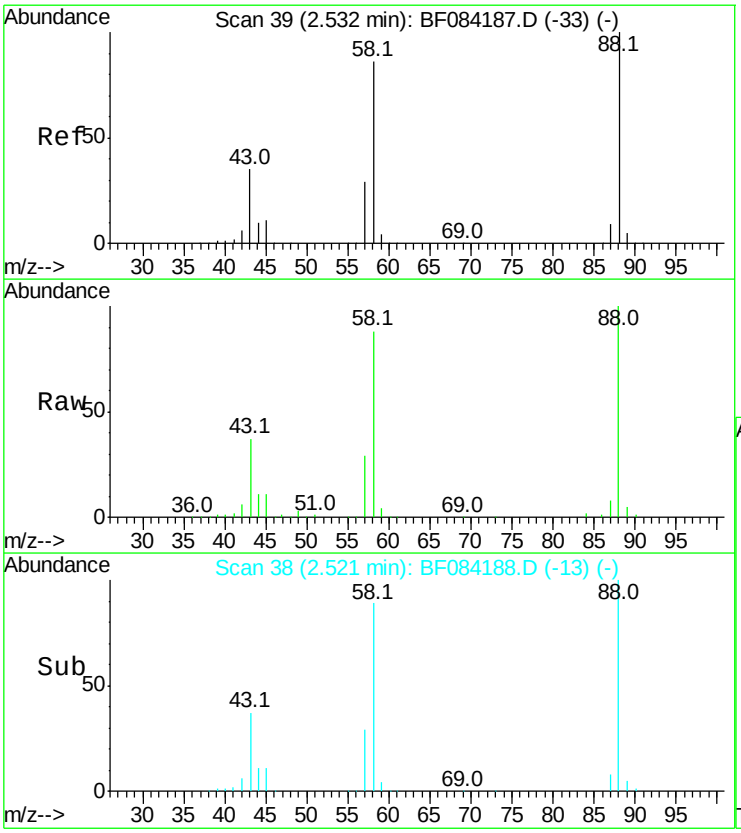
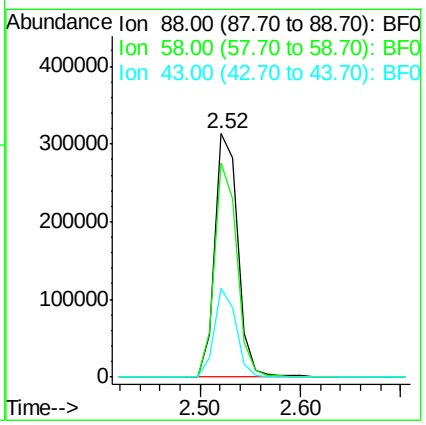
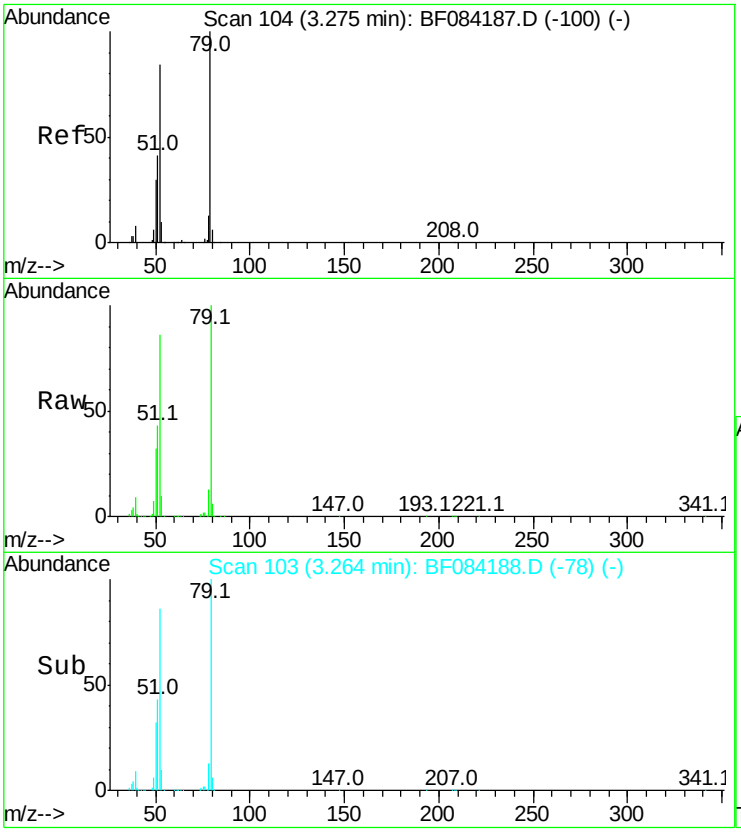



#2
1,4-Dioxane
Concen: 49.92 ng
RT: 2.52 min Scan# 38
Delta R.T. -0.01 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion: 88 Resp: 493445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 86.5 | 51.2 | 76.8# |
| 43 | 34.7 | 19.5 | 29.3# |

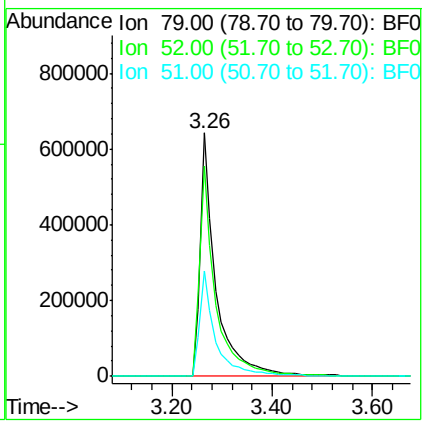





#3
Pyridine
Concen: 58.16 ng
RT: 3.26 min Scan# 103
Delta R.T. -0.01 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion: 79 Resp: 1406624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 86.4 | 49.0 | 73.4# |
| 51 | 43.0 | 25.2 | 37.8# |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**
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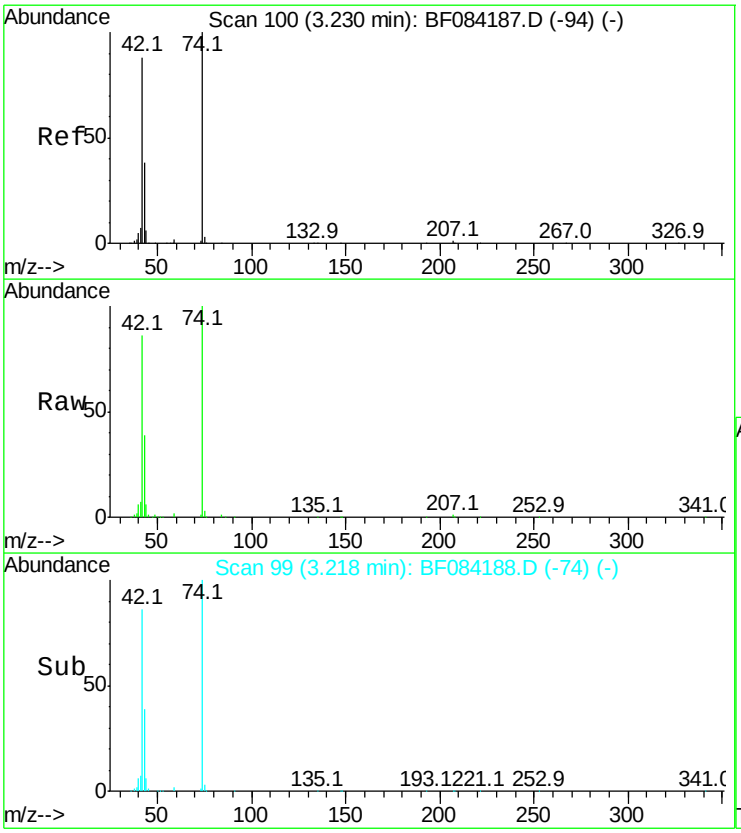
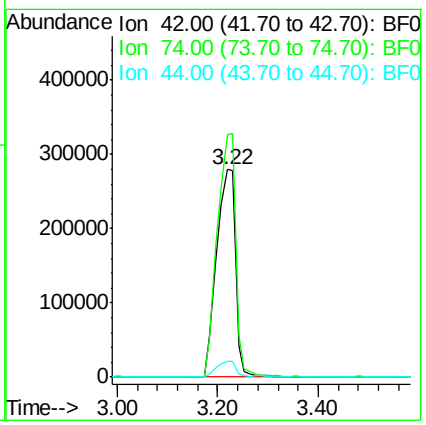
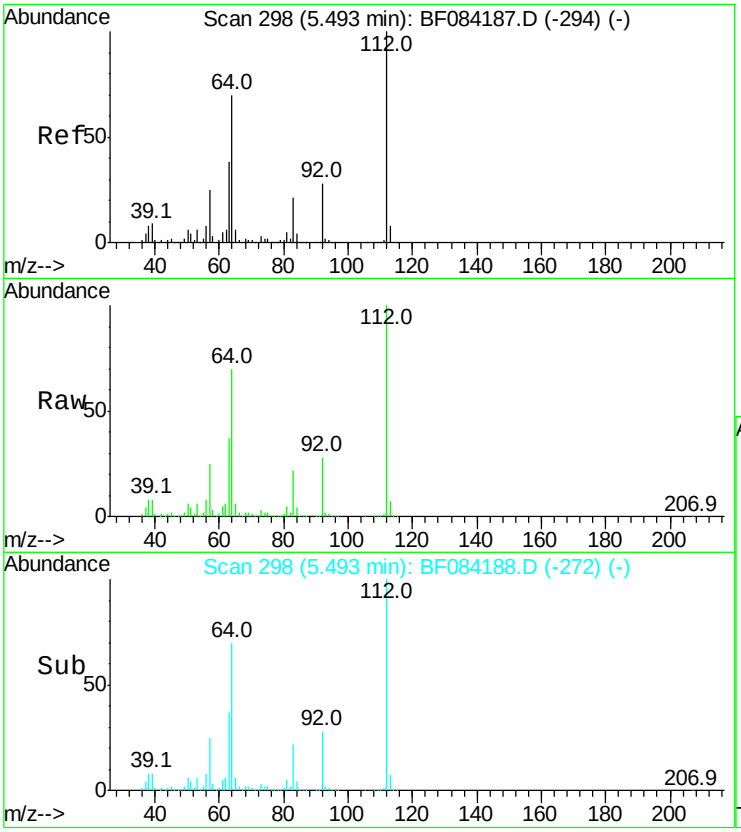



#4
n-Nitrosodimethylamine
Concen: 55.68 ng
RT: 3.22 min Scan# 99
Delta R.T. -0.01 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion: 42 Resp: 736944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 116.5 | 115.7 | 173.5 |
| 44 | 7.4 | 5.1 | 7.7 |






#5
2-Fluorophenol
Concen: 46.09 ng
RT: 5.49 min Scan# 298
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:112 Resp: 1994025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 70.3 | 36.6 | 55.0# |
| 63 | 37.5 | 19.4 | 29.0# |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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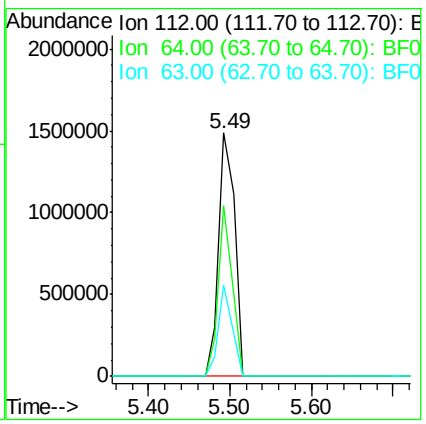
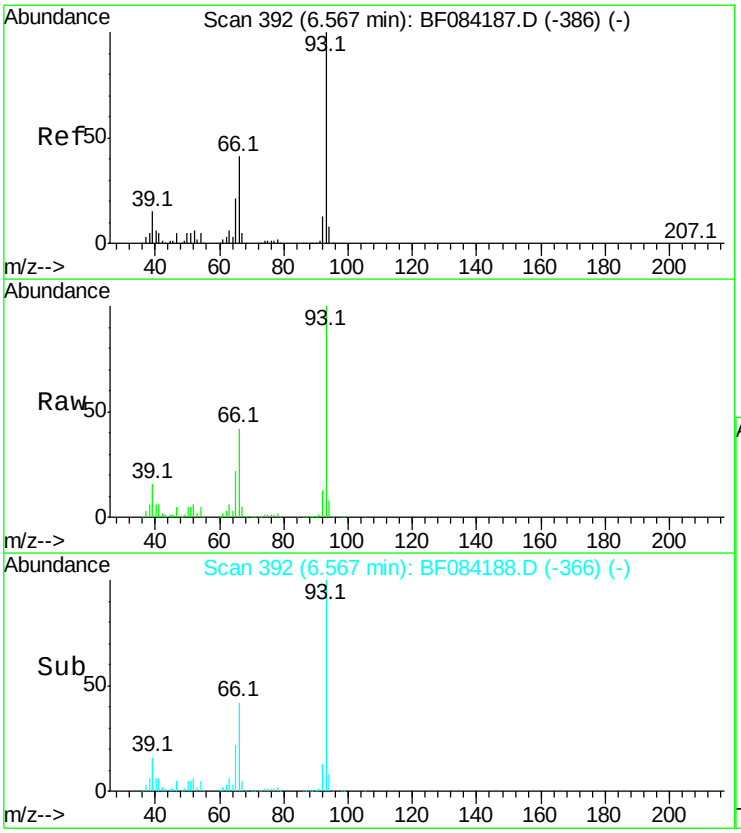
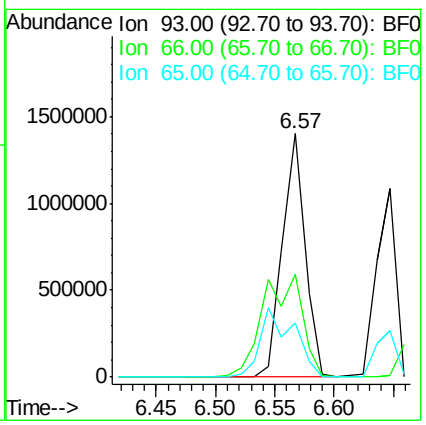


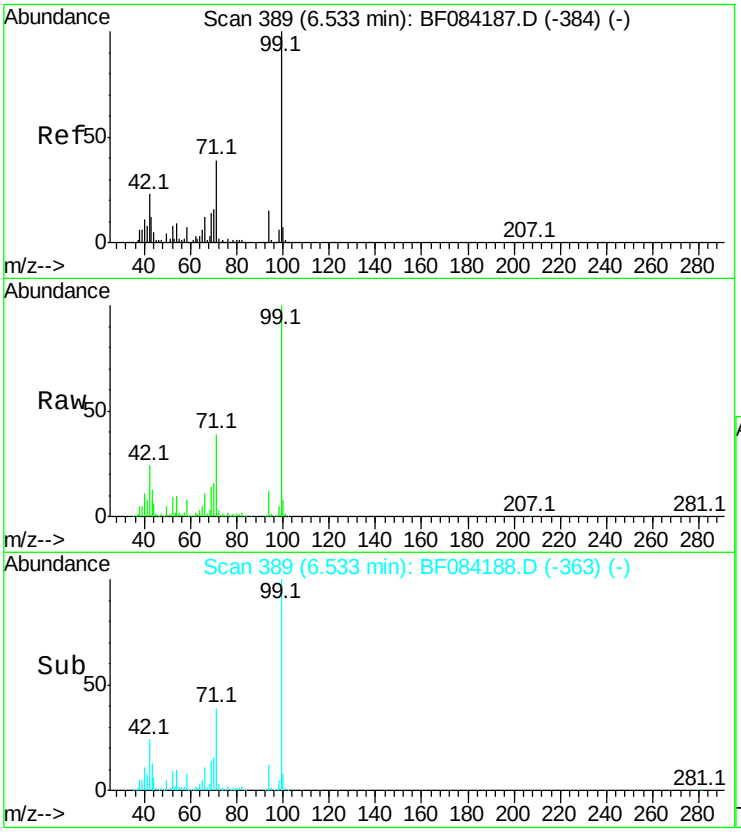




#6
Aniline
Concen: 46.35 ng
RT: 6.57 min Scan# 392
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion: 93 Resp: 1852721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 42.1 | 44.9 | 67.3# |
| 65 | 22.0 | 23.7 | 35.5# |

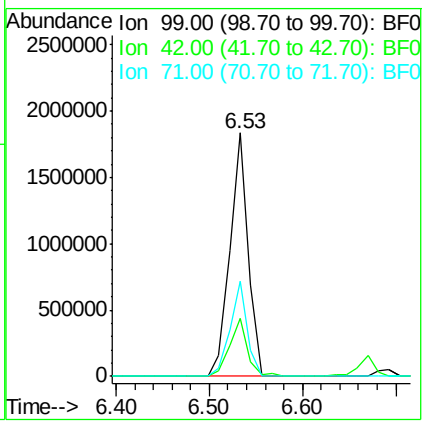





#7
Phenol-d6
Concen: 45.45 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion: 99 Resp: 2494472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.7 | 12.8 | 19.2# |
| 71 | 39.3 | 30.9 | 46.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**
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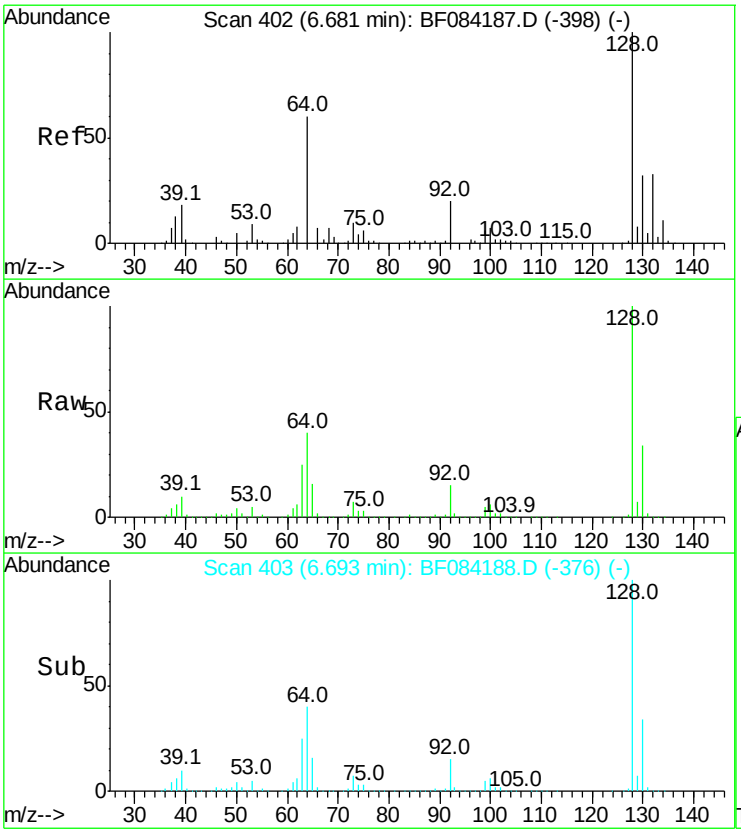
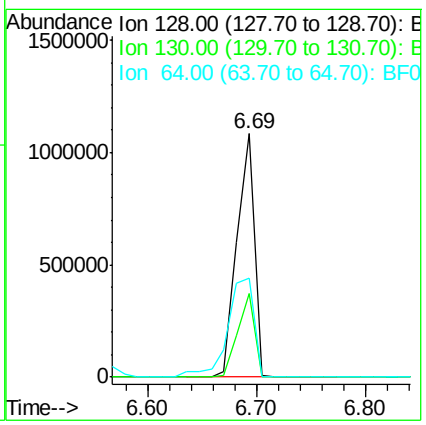
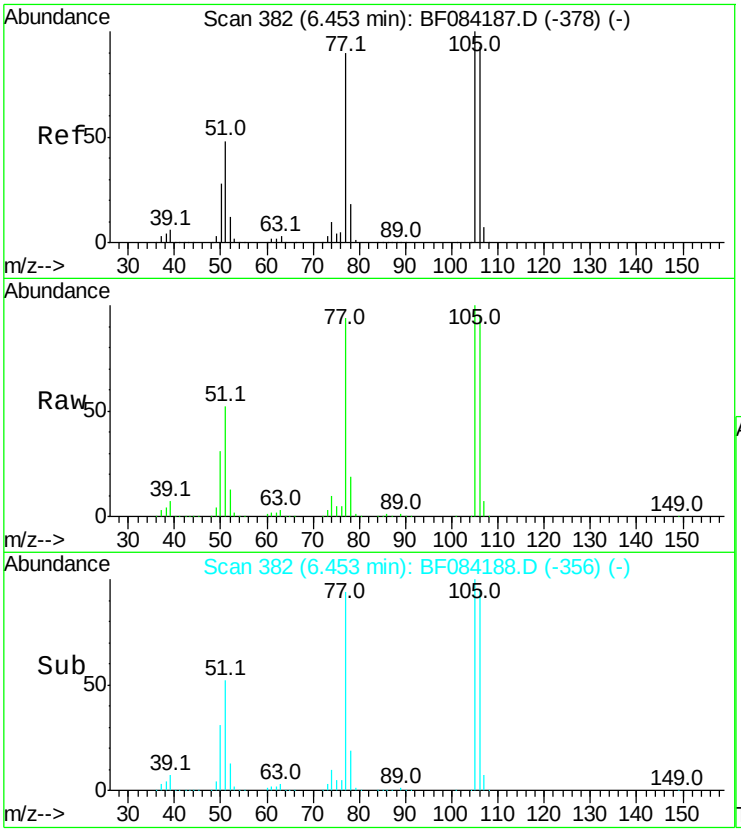



#8
2-Chlorophenol
Concen: 48.09 ng
RT: 6.69 min Scan# 403
Delta R.T. 0.01 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:128 Resp: 1180733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 34.4 | 11.6 | 51.6 |
| 64 | 40.5 | 23.8 | 63.8 |

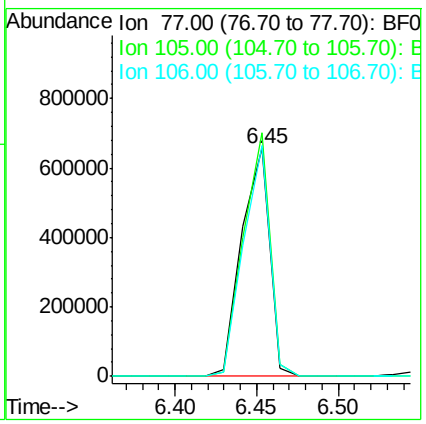





#9
Benzaldehyde
Concen: 39.95 ng
RT: 6.45 min Scan# 382
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

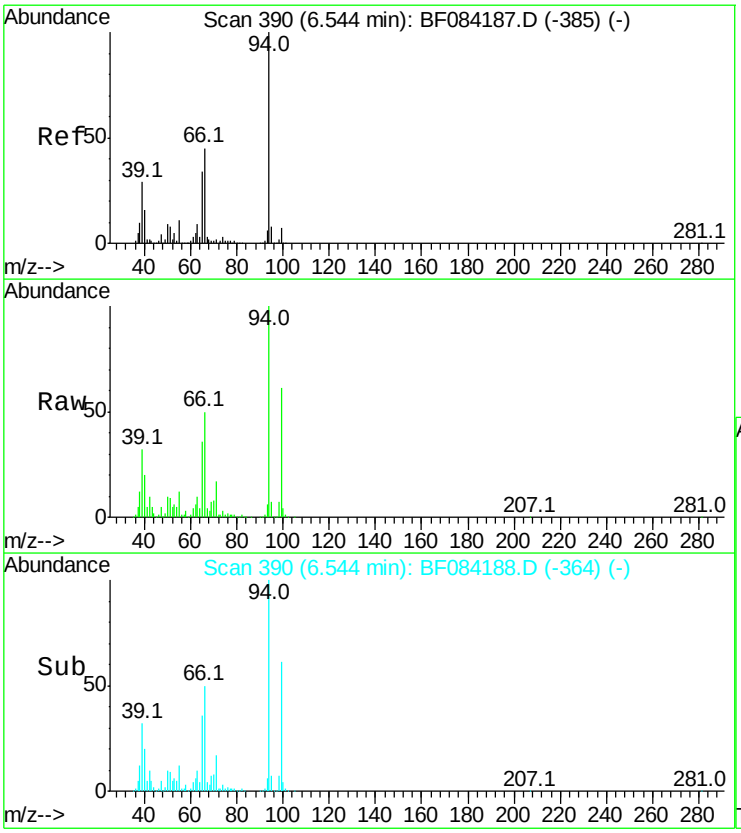
Tgt Ion: 77 Resp: 777226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 106.8 | 83.0 | 123.0 |
| 106 | 101.2 | 74.6 | 114.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

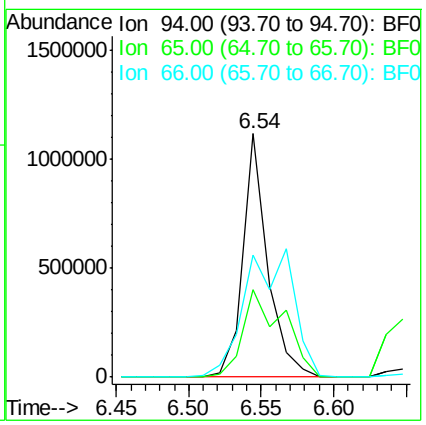
**Manual Integrations APPROVED**
UMANGI
1/4/2016 4:28:33 PM

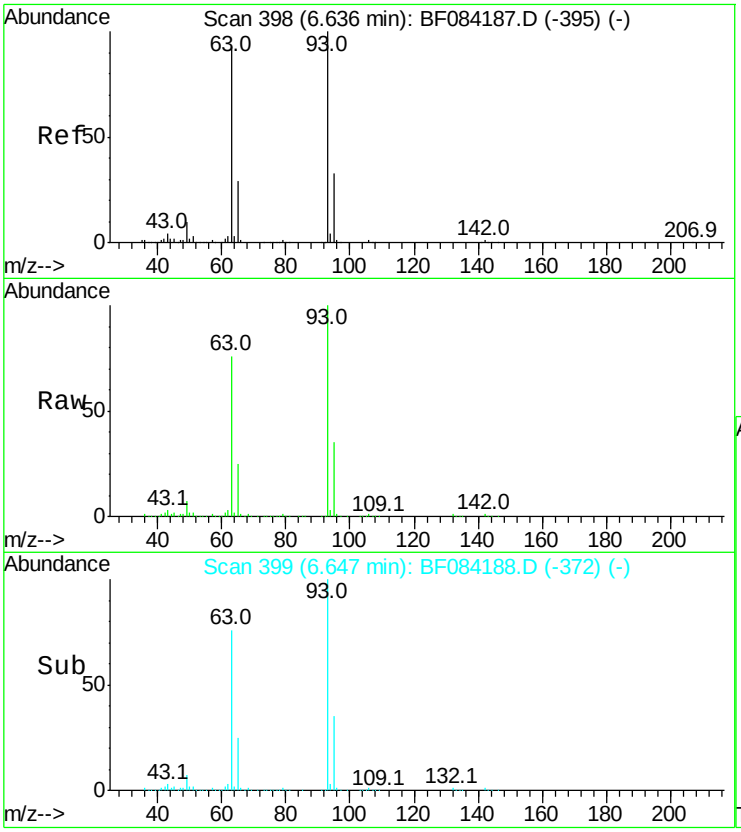



#10
Phenol
Concen: 41.49 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion: 94 Resp: 1315538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 35.9 | 12.9 | 52.9 |
| 66 | 50.2 | 32.7 | 72.7 |

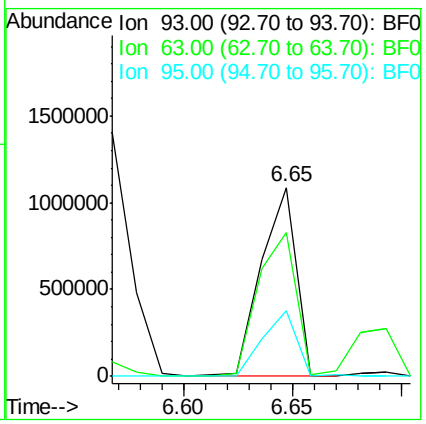





#11
bis(2-Chloroethyl)ether
Concen: 51.52 ng
RT: 6.65 min Scan# 399
Delta R.T. 0.01 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion: 93 Resp: 1211381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 76.1 | 45.9 | 85.9 |
| 95 | 34.8 | 12.3 | 52.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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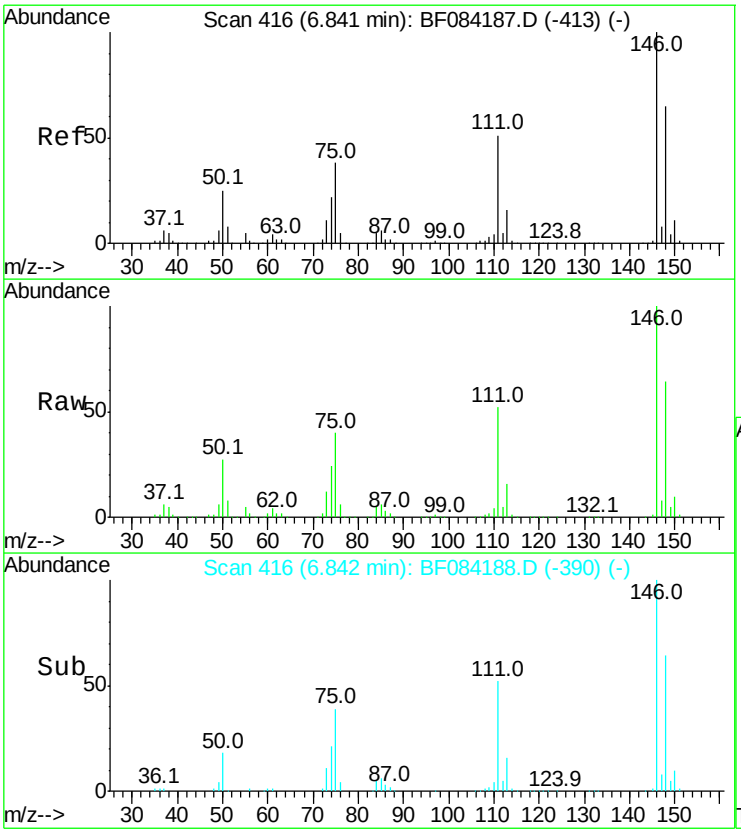
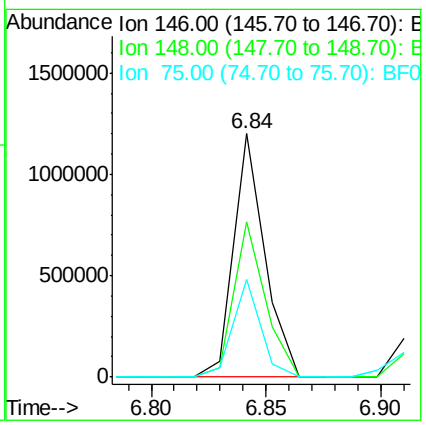
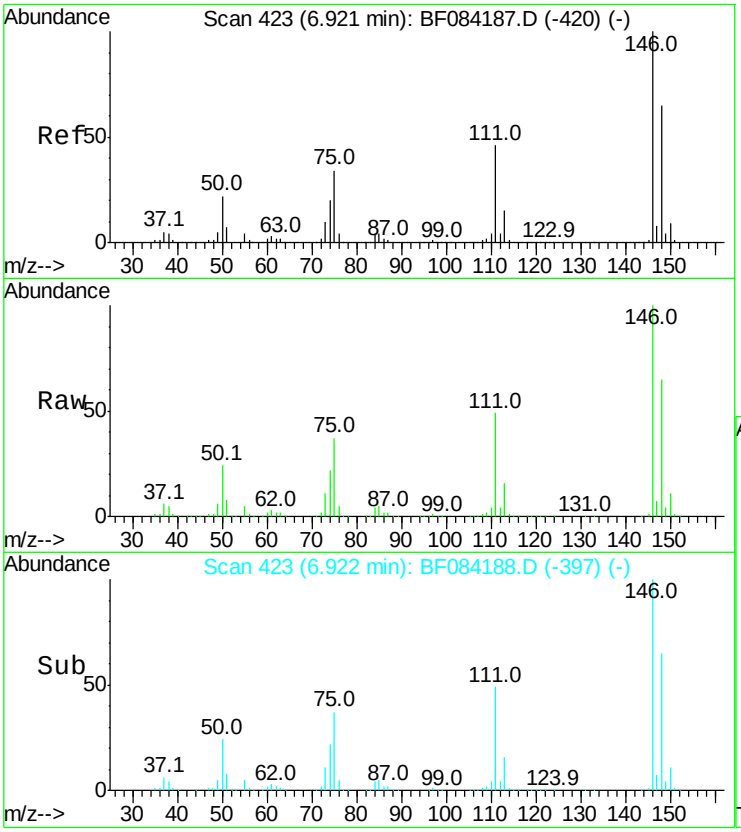



#12
1,3-Dichlorobenzene
Concen: 43.35 ng m
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:146 Resp: 1126659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.0 | 51.9 | 77.9 |
| 75 | 40.4 | 20.5 | 30.7# |

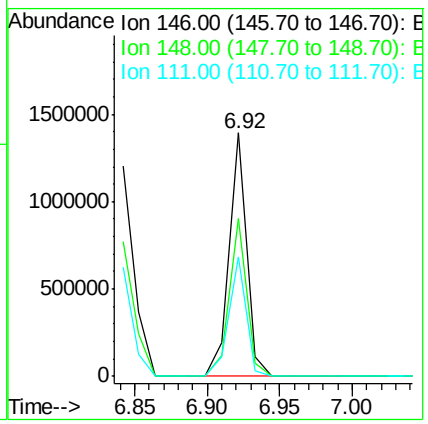





#13
1,4-Dichlorobenzene
Concen: 44.28 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:146 Resp: 1164292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.9 | 51.9 | 77.9 |
| 111 | 49.2 | 41.6 | 62.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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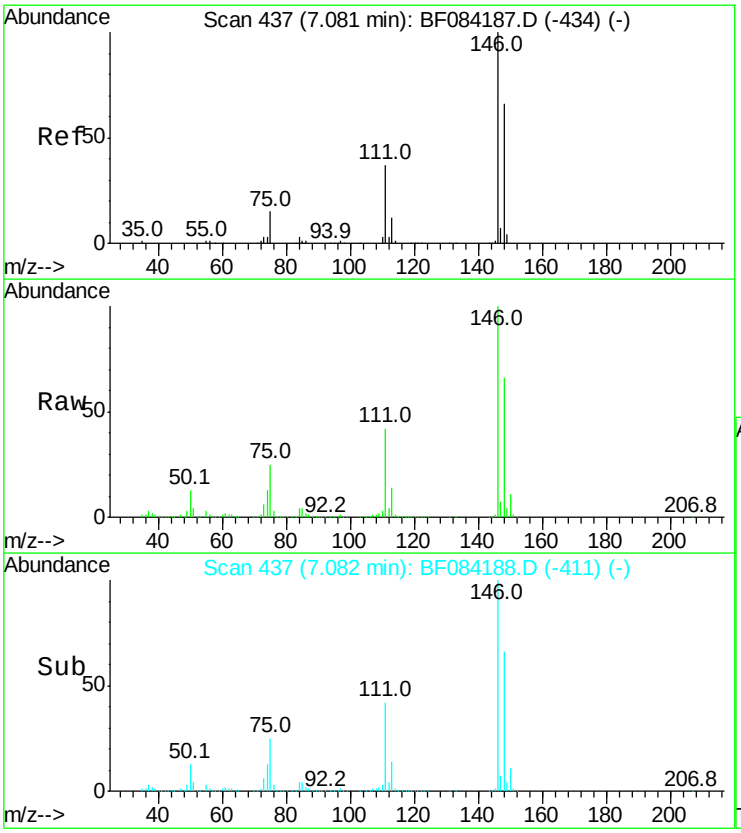
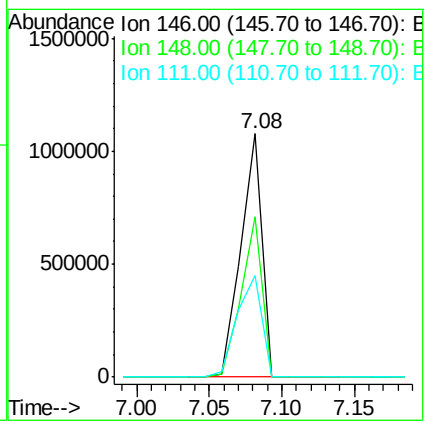
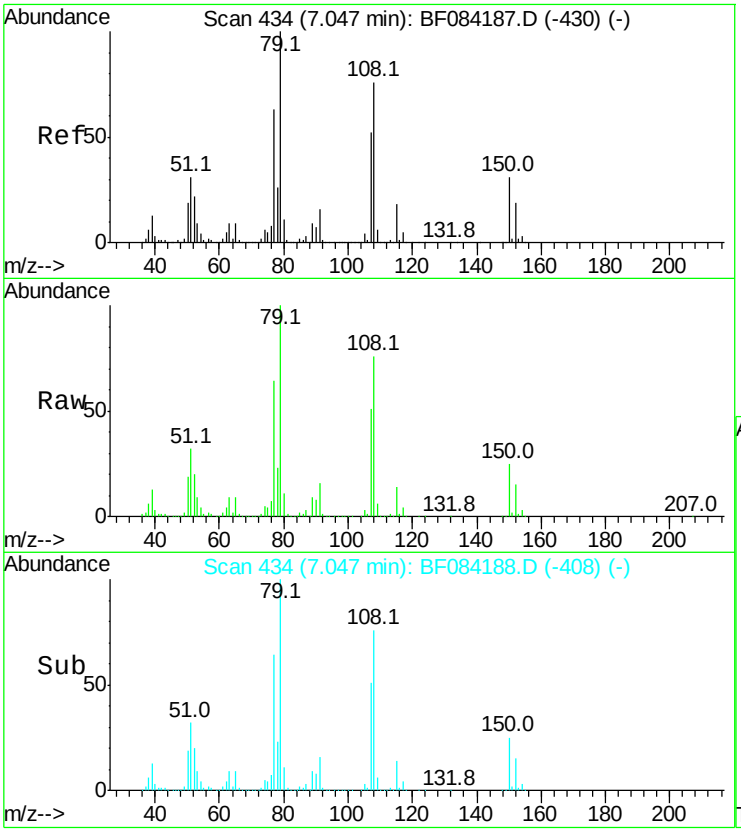



#14
1,2-Dichlorobenzene
Concen: 43.63 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:146 Resp: 1087371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.7 | 51.6 | 77.4 |
| 111 | 41.7 | 38.0 | 57.0 |

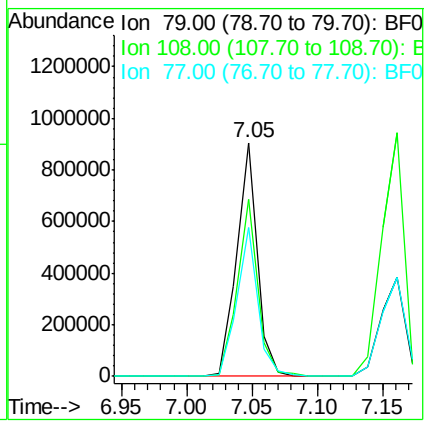





#15
Benzyl Alcohol
Concen: 42.19 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion: 79 Resp: 991960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 75.8 | 69.0 | 103.4 |
| 77 | 64.0 | 50.0 | 75.0 |




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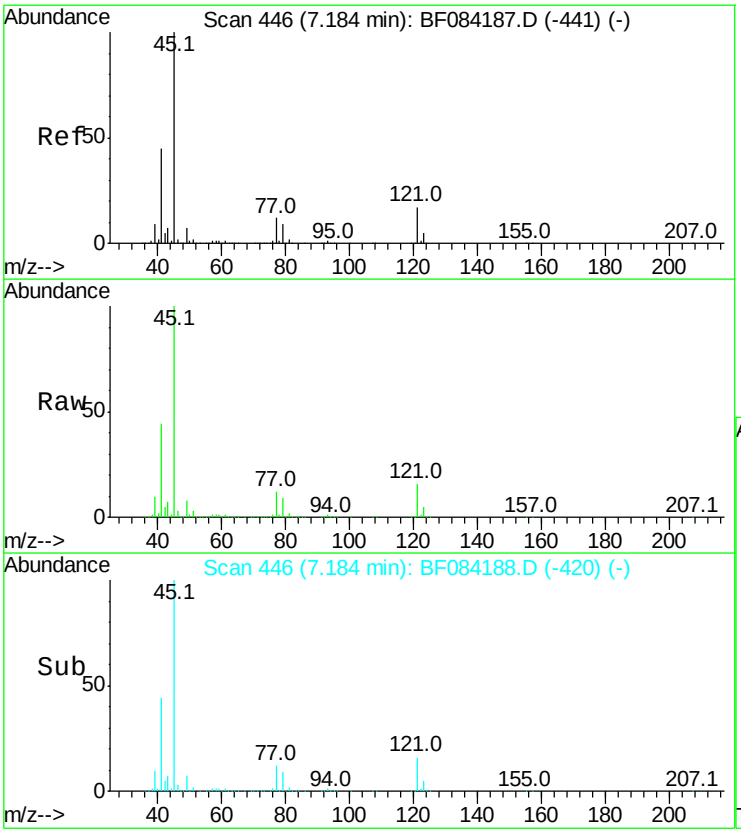
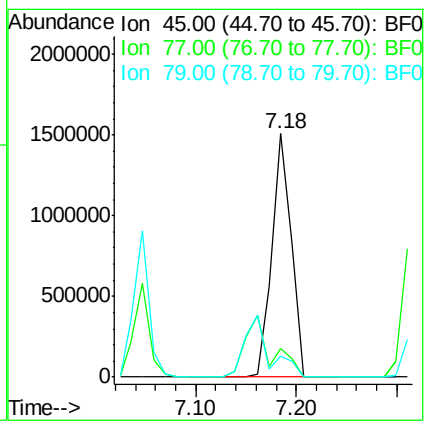
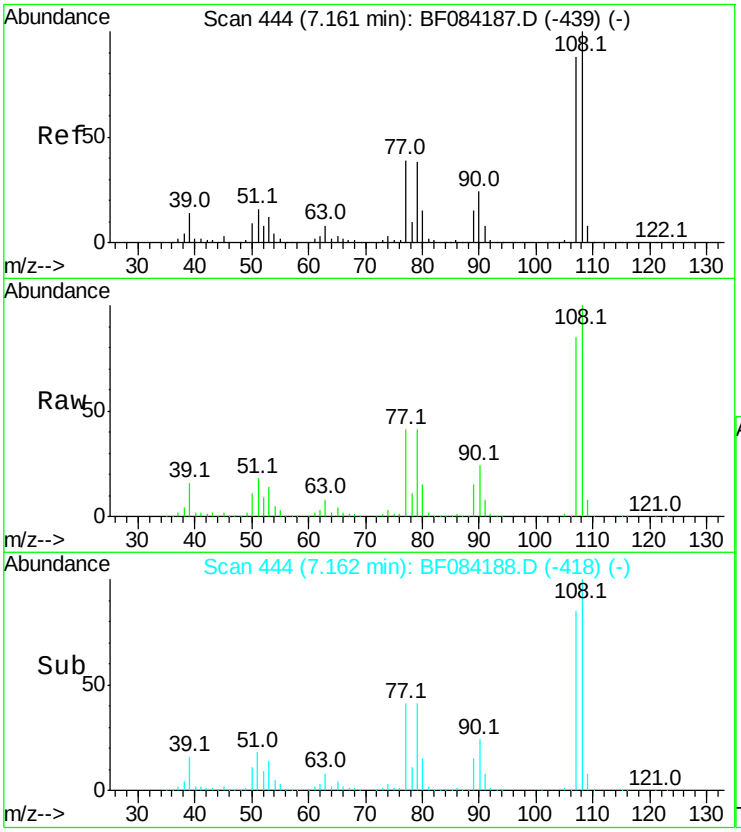



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.34 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion: 45 Resp: 1996292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 11.6 | 0.0 | 39.6 |
| 79 | 8.7 | 0.0 | 35.0 |

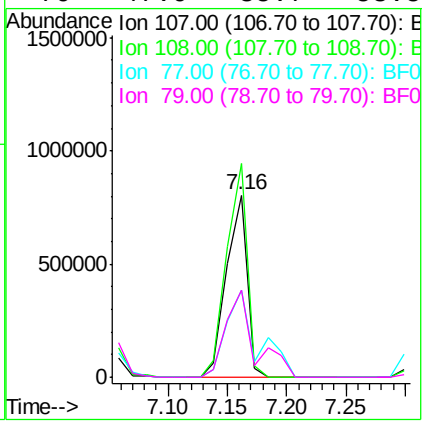





#17
2-Methylphenol
Concen: 47.32 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:107 Resp: 971118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 117.2 | 89.8 | 134.6 |
| 77 | 47.5 | 35.7 | 53.5 |
| 79 | 47.9 | 35.7 | 53.5 |




**Instrument :**
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**ClientSampleId :**
SSTDICC050

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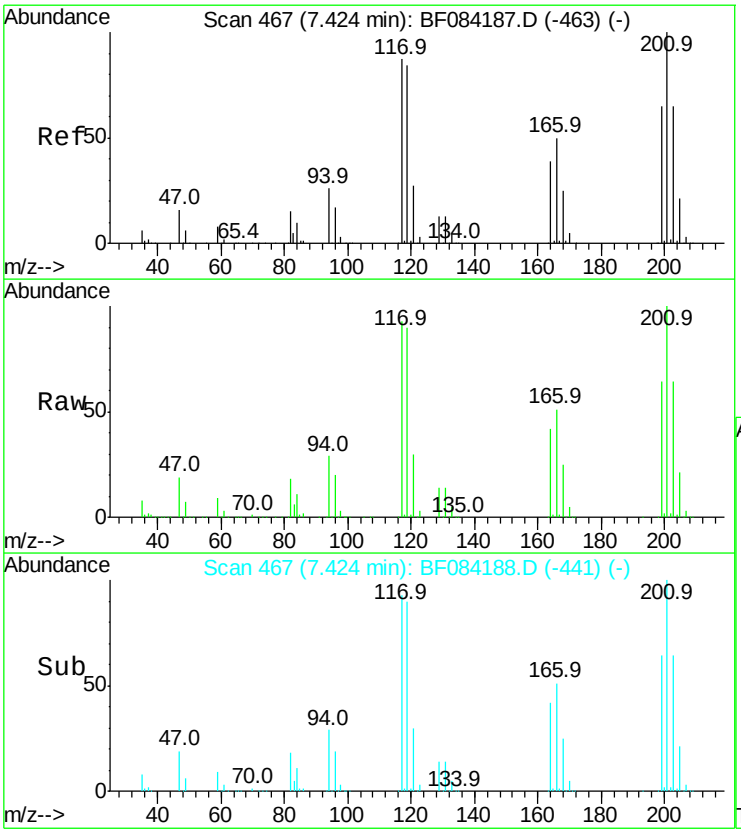
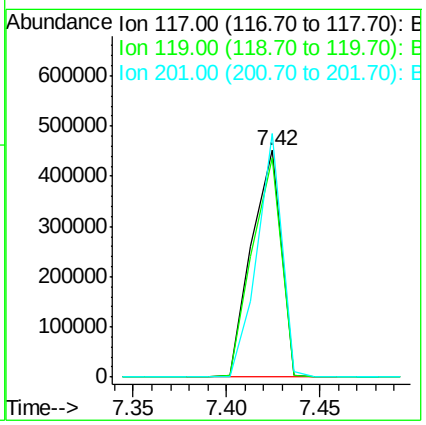
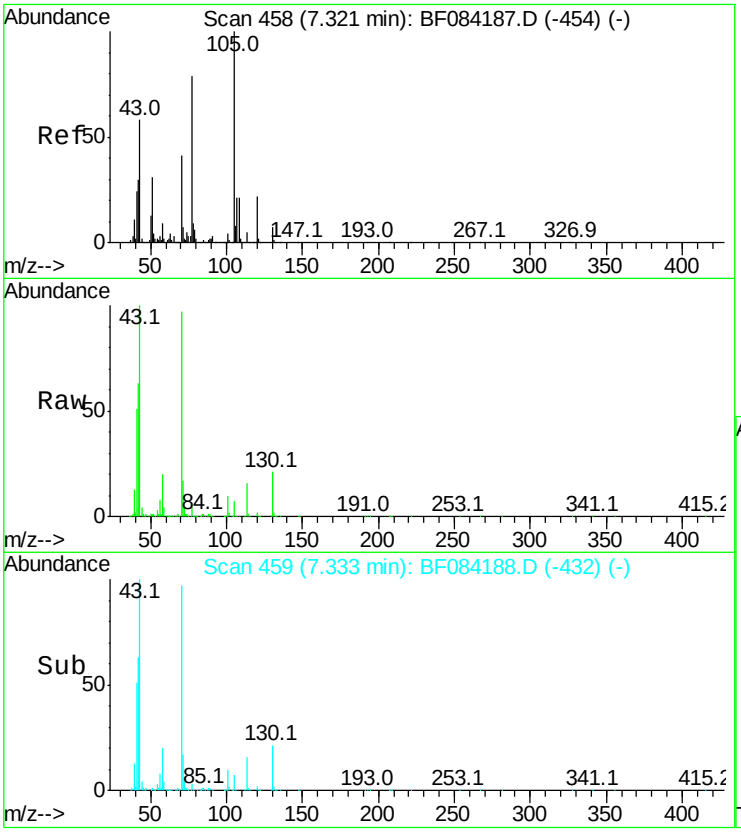



#18
Hexachloroethane
Concen: 50.15 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:117 Resp: 493835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.8 | 77.4 | 116.0 |
| 201 | 107.3 | 68.6 | 103.0# |

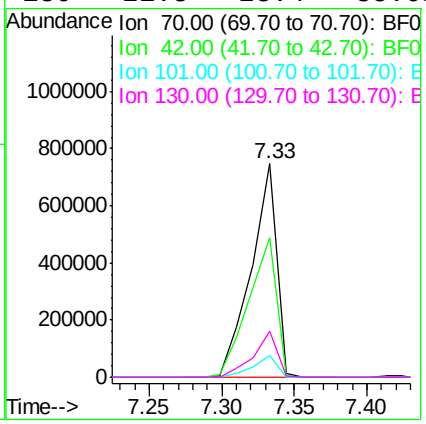





#19
n-Nitroso-di-n-propylamine
Concen: 50.73 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion: 70 Resp: 916666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 65.3 | 33.3 | 49.9# |
| 101 | 10.1 | 9.3 | 13.9 |
| 130 | 21.8 | 23.4 | 35.0# |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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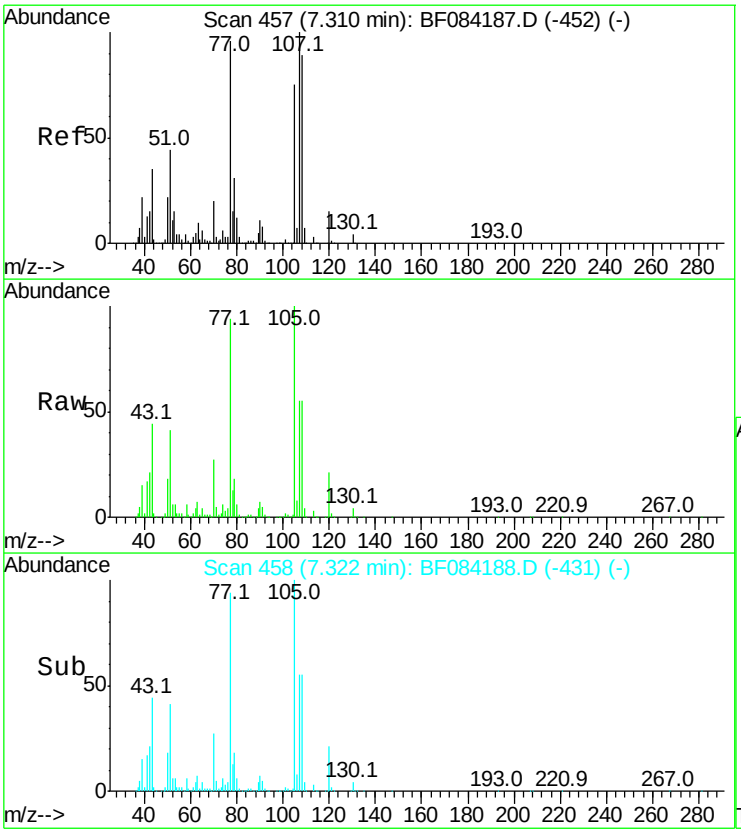
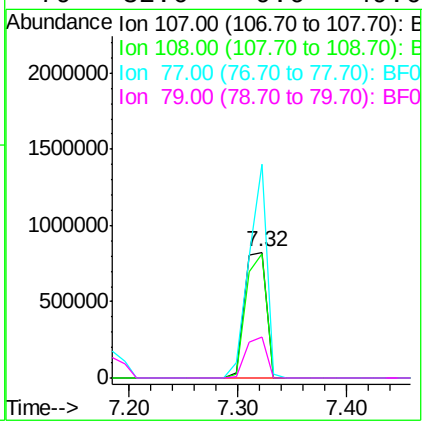
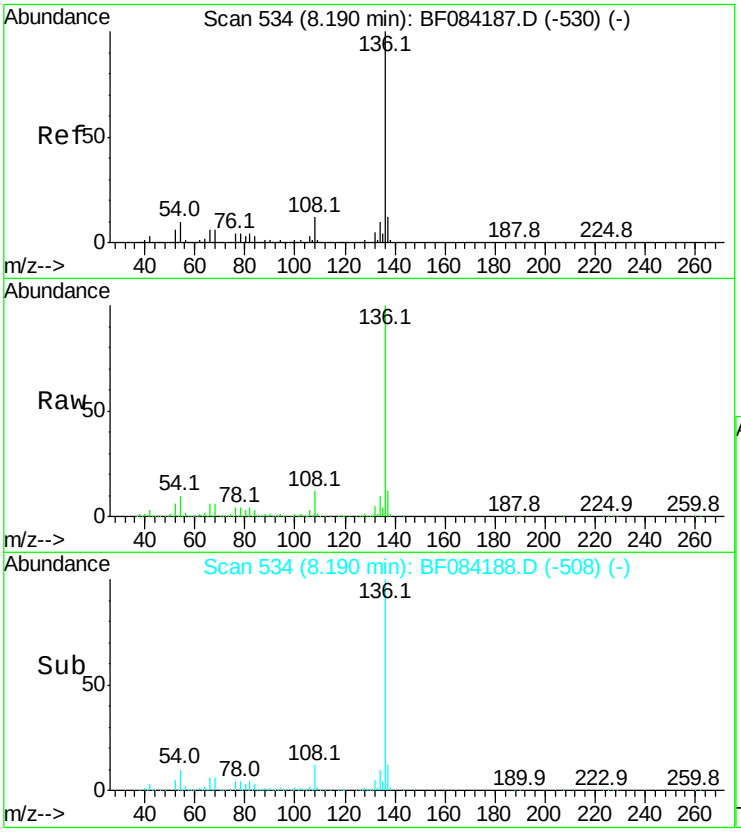



#20
3+4-Methylphenols
Concen: 46.09 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:107 Resp: 1143651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 98.7 | 64.1 | 104.1 |
| 77 | 169.9 | 128.9 | 168.9# |
| 79 | 32.6 | 9.6 | 49.6 |

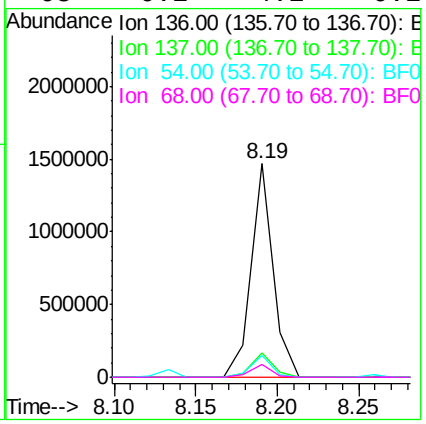





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:136 Resp: 1372785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.6 | 8.7 | 13.1 |
| 54 | 10.3 | 5.8 | 8.8# |
| 68 | 6.2 | 4.2 | 6.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**
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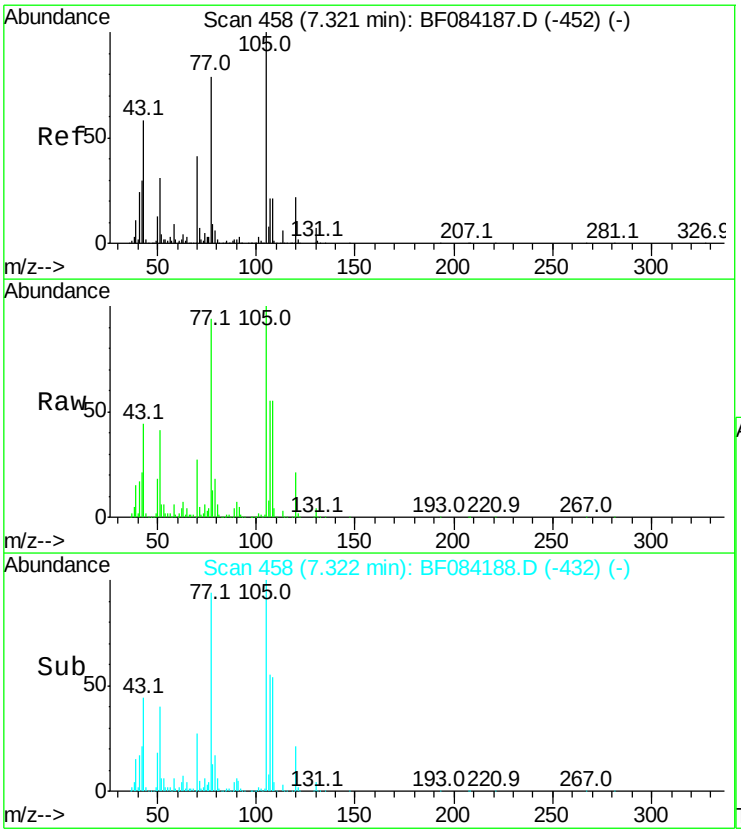
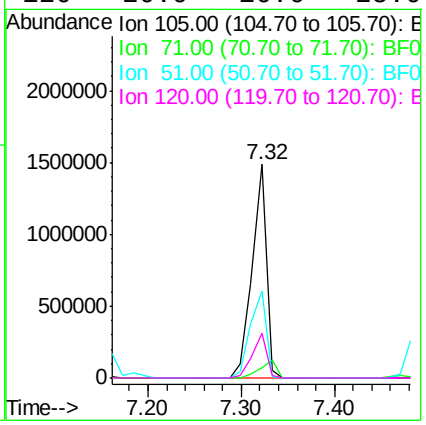
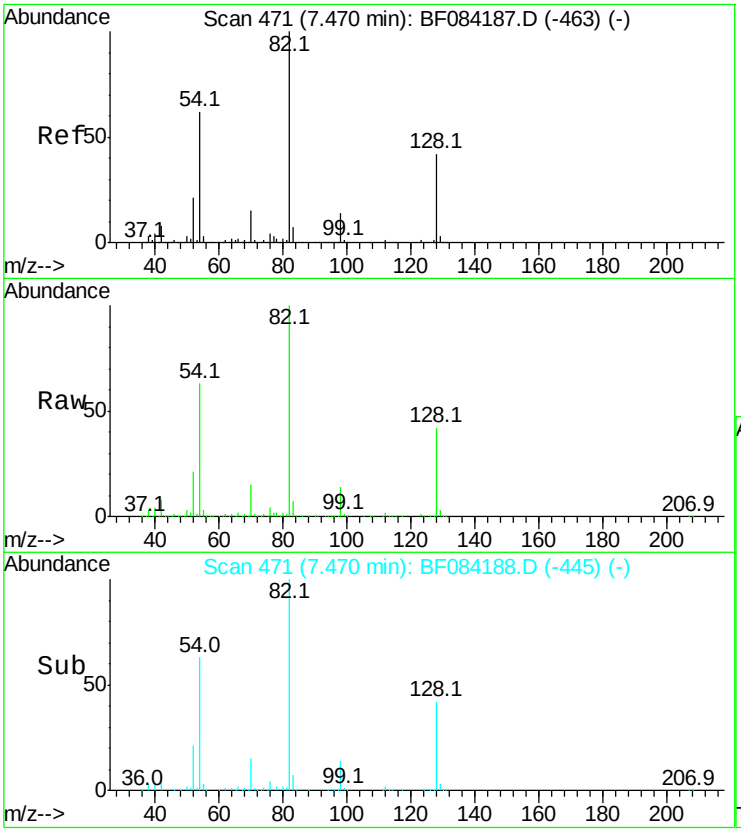



#22
Acetophenone
Concen: 45.06 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:105 Resp: 1576488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 4.6 | 3.7 | 5.5 |
| 51 | 40.8 | 25.1 | 37.7# |
| 120 | 20.9 | 16.6 | 25.0 |

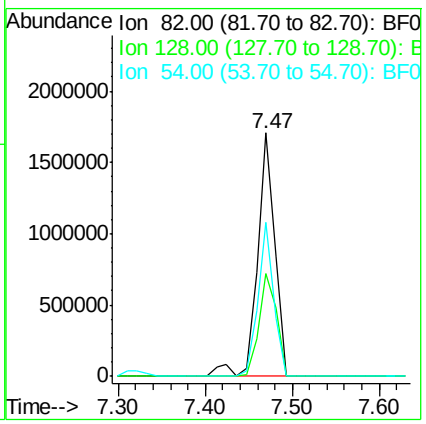





#23
Nitrobenzene-d5
Concen: 47.55 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion: 82 Resp: 2386795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.2 | 34.6 | 51.8 |
| 54 | 63.0 | 38.4 | 57.6# |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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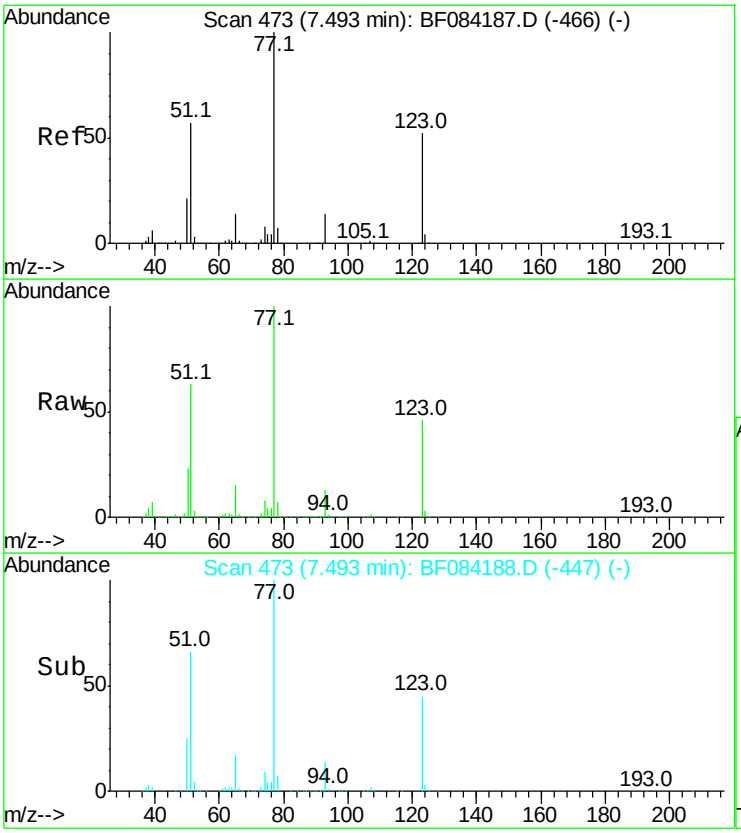
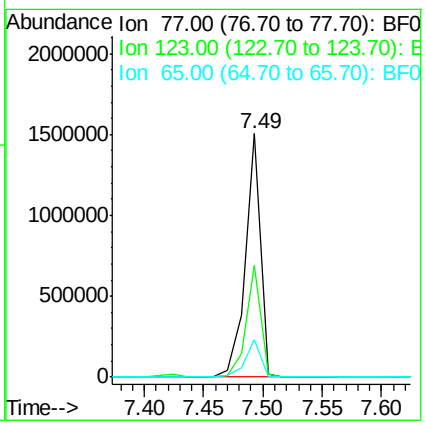
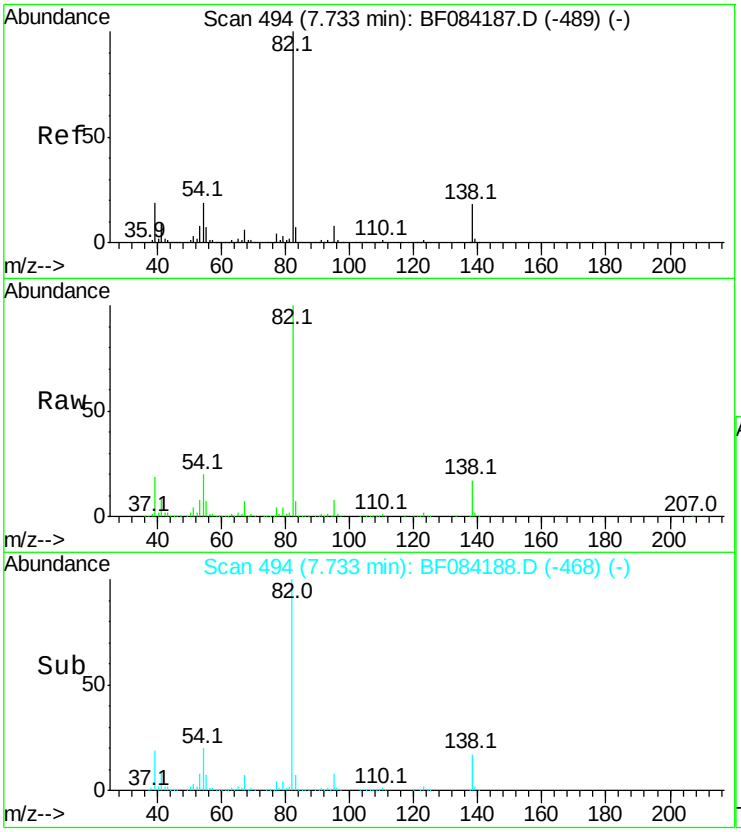



#24
Nitrobenzene
Concen: 52.22 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion: 77 Resp: 1336663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 45.7 | 37.4 | 56.2 |
| 65 | 15.4 | 10.9 | 16.3 |

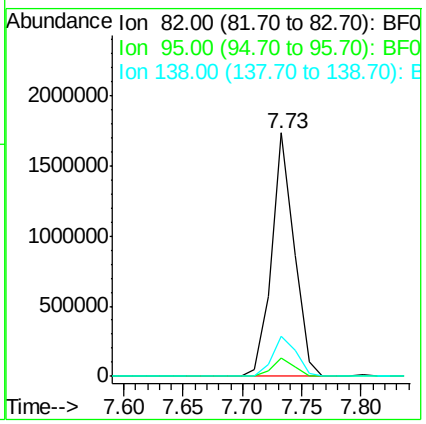





#25
Isophorone
Concen: 47.19 ng
RT: 7.73 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion: 82 Resp: 2275315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.7 | 6.6 | 10.0 |
| 138 | 16.7 | 13.6 | 20.4 |




**Instrument :**
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**ClientSampleId :**
SSTDICC050

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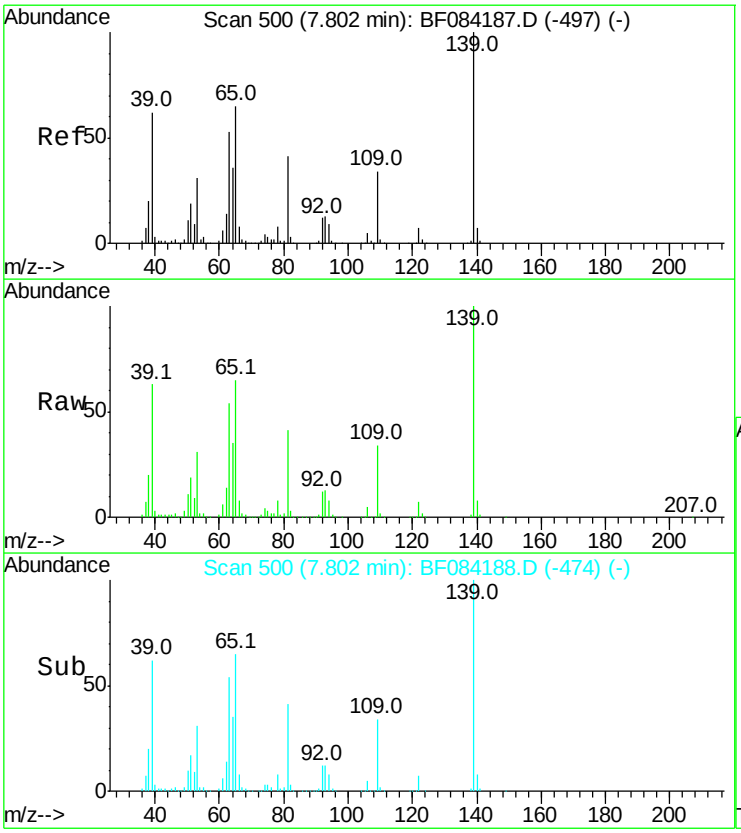
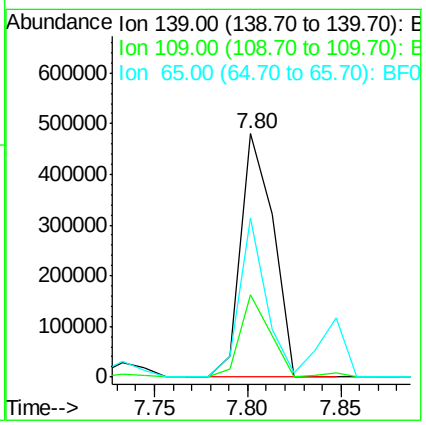
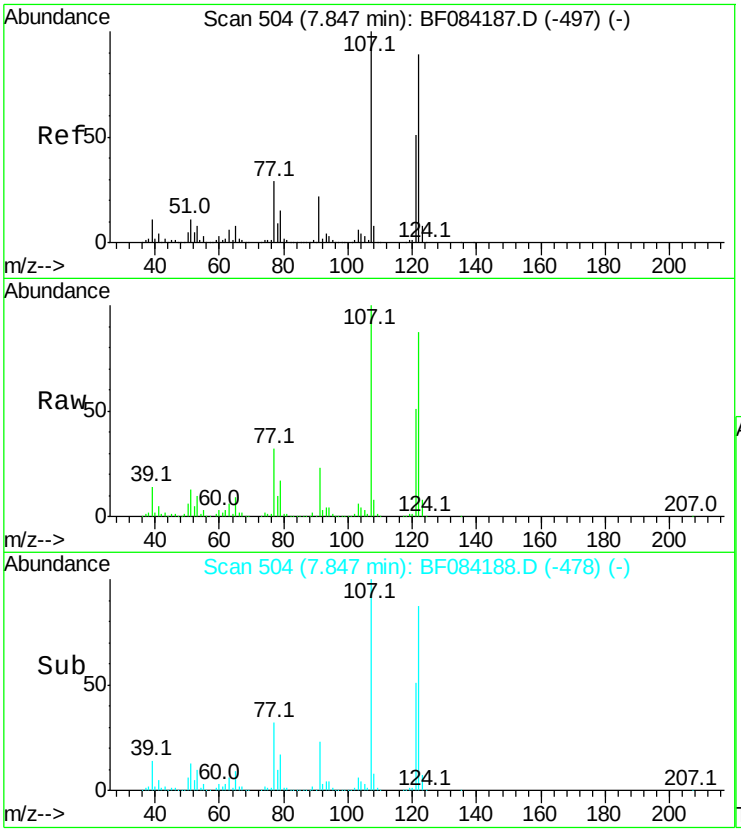



#26
2-Nitrophenol
Concen: 53.67 ng
RT: 7.80 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:139 Resp: 579158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 33.7 | 25.4 | 38.2 |
| 65 | 65.2 | 32.3 | 48.5# |

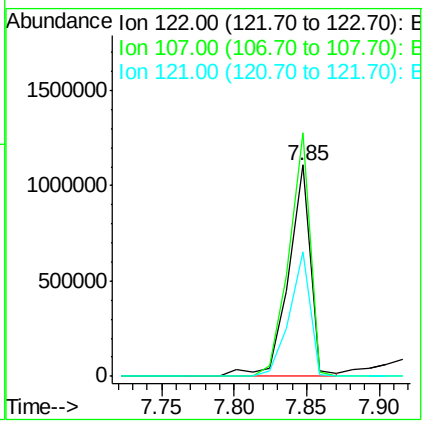





#27
2,4-Dimethylphenol
Concen: 48.61 ng
RT: 7.85 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:122 Resp: 1167840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 115.2 | 99.1 | 148.7 |
| 121 | 59.1 | 47.9 | 71.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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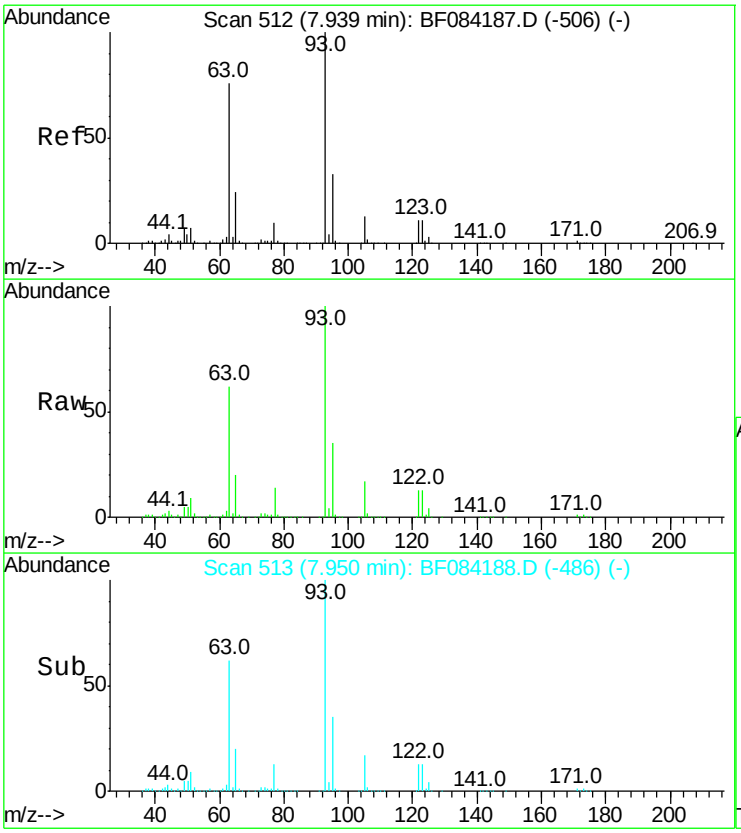
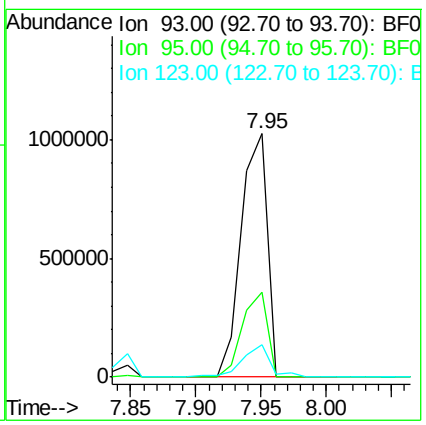
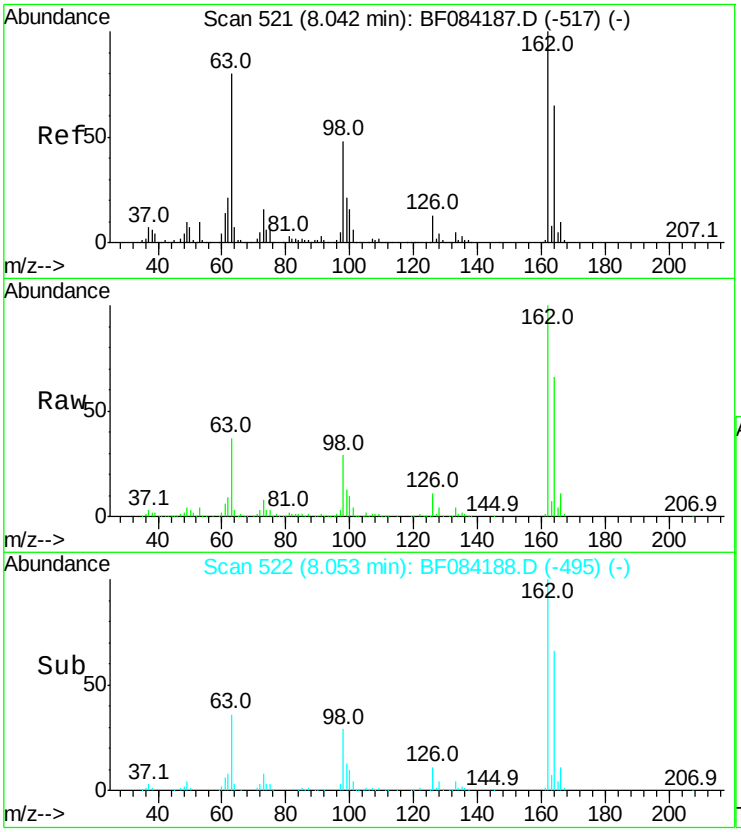



#28
bis(2-Chloroethoxy)methane
Concen: 48.38 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.01 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion: 93 Resp: 1421139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 34.7 | 25.8 | 38.6 |
| 123 | 13.5 | 8.6 | 12.8# |

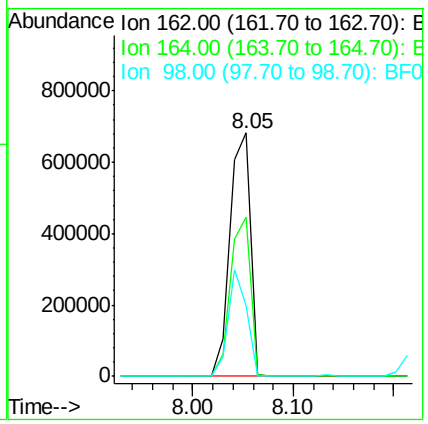





#29
2,4-Dichlorophenol
Concen: 49.66 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.01 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:162 Resp: 963592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 65.6 | 44.1 | 84.1 |
| 98 | 29.1 | 20.2 | 60.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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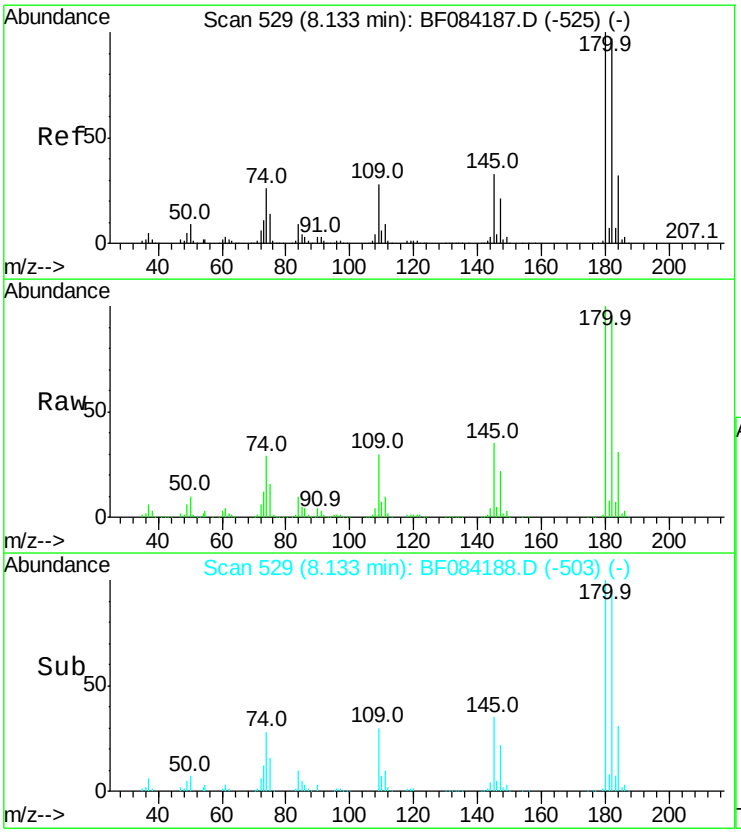
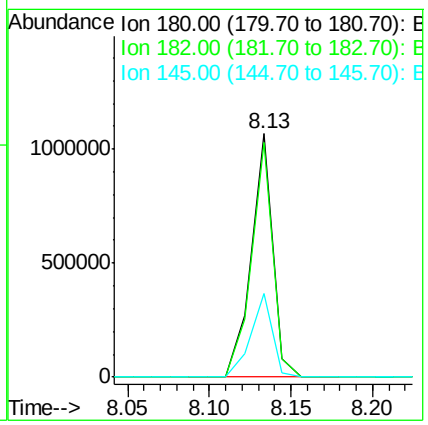
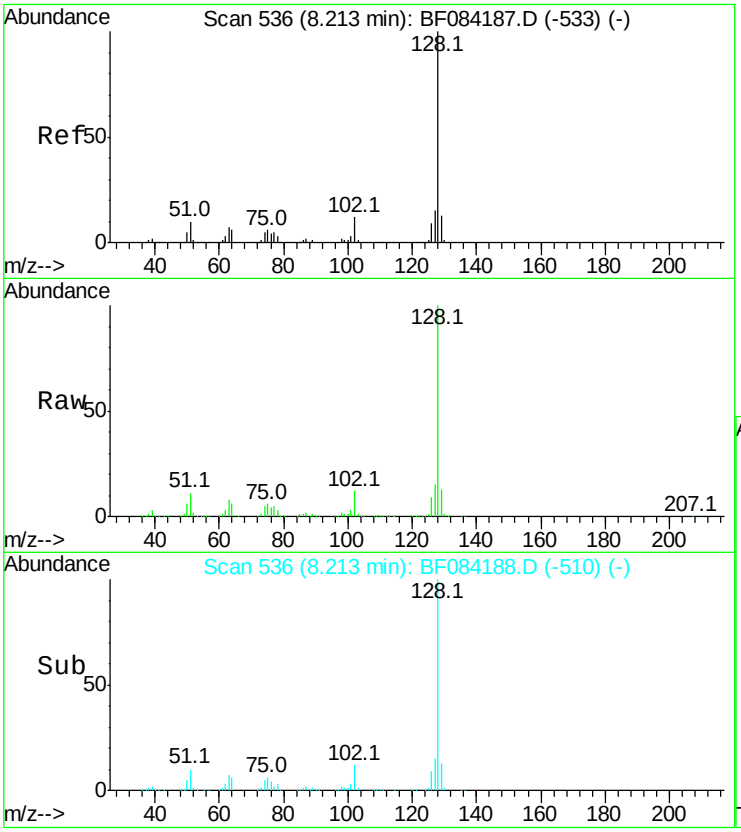



#30
1,2,4-Trichlorobenzene
Concen: 47.14 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:180 Resp: 976771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.3 | 76.4 | 114.6 |
| 145 | 34.5 | 31.6 | 47.4 |

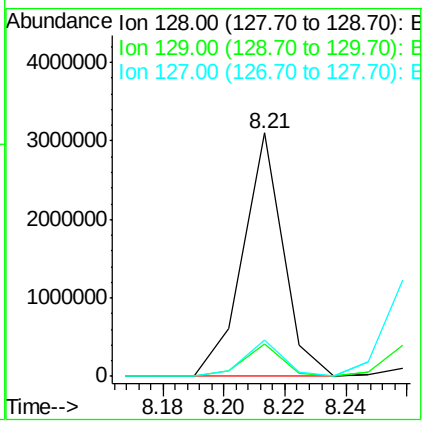





#31
Naphthalene
Concen: 41.60 ng m
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:128 Resp: 2824439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 13.3 | 9.1 | 13.7 |
| 127 | 15.0 | 11.1 | 16.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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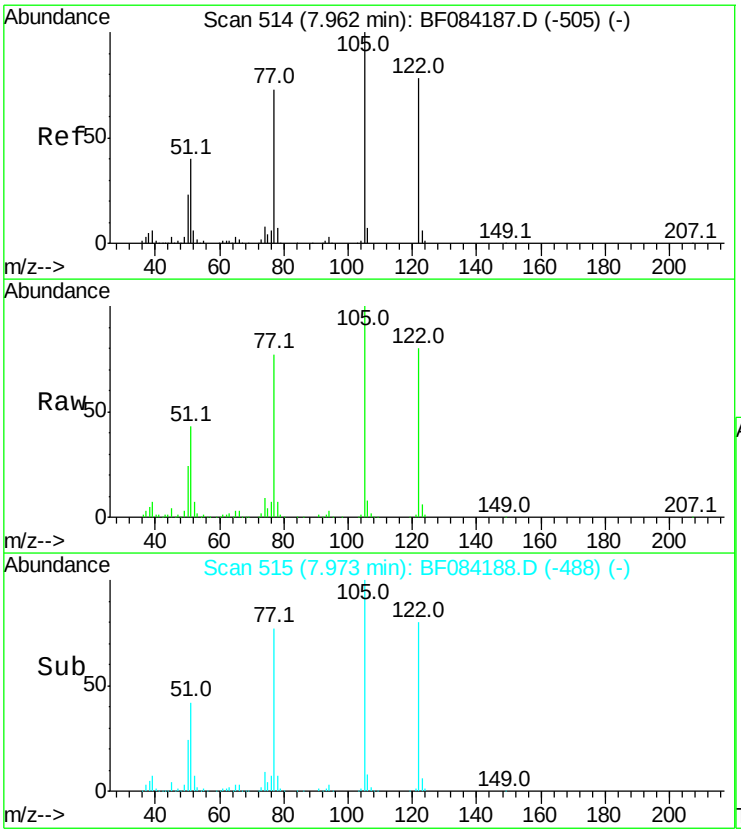
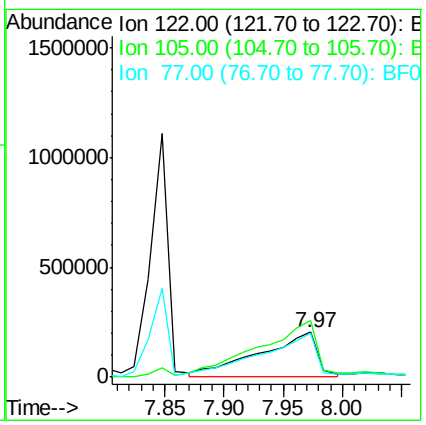
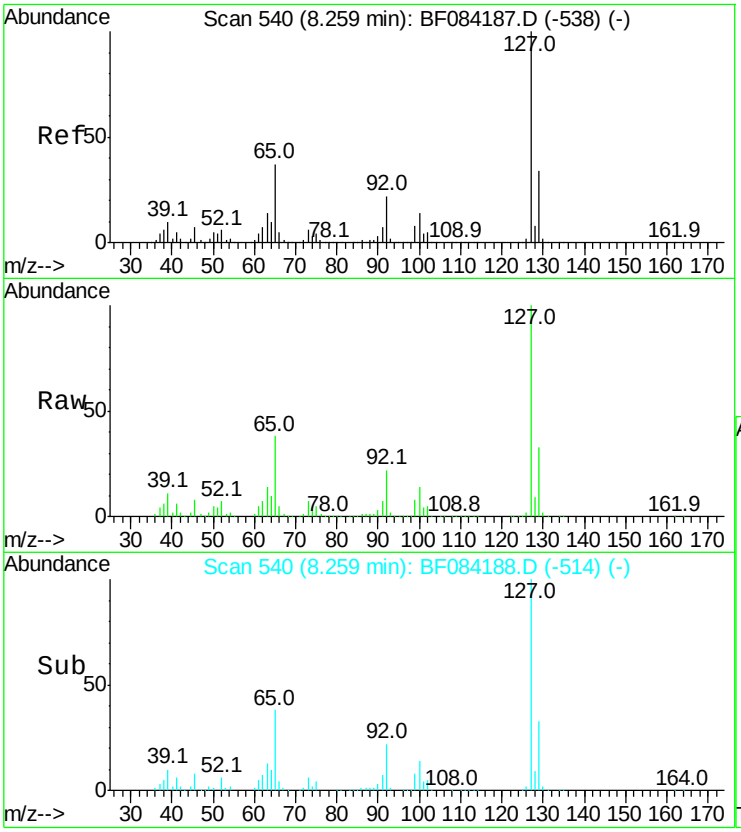



#32
Benzoic acid
Concen: 68.96 ng m
RT: 7.97 min Scan# 515
Delta R.T. 0.01 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:122 Resp: 700578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 125.5 | 100.3 | 140.3 |
| 77 | 97.1 | 63.5 | 103.5 |

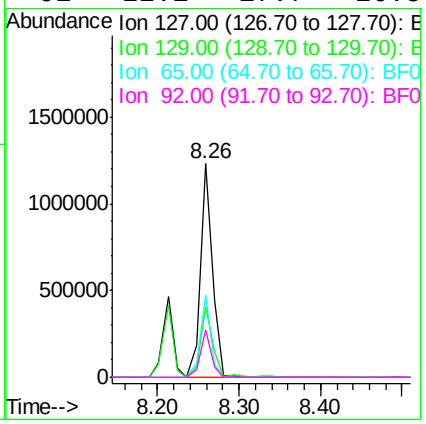





#33
4-Chloroaniline
Concen: 43.45 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:127 Resp: 1293783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.9 | 26.5 | 39.7 |
| 65 | 38.1 | 27.2 | 40.8 |
| 92 | 22.1 | 17.7 | 26.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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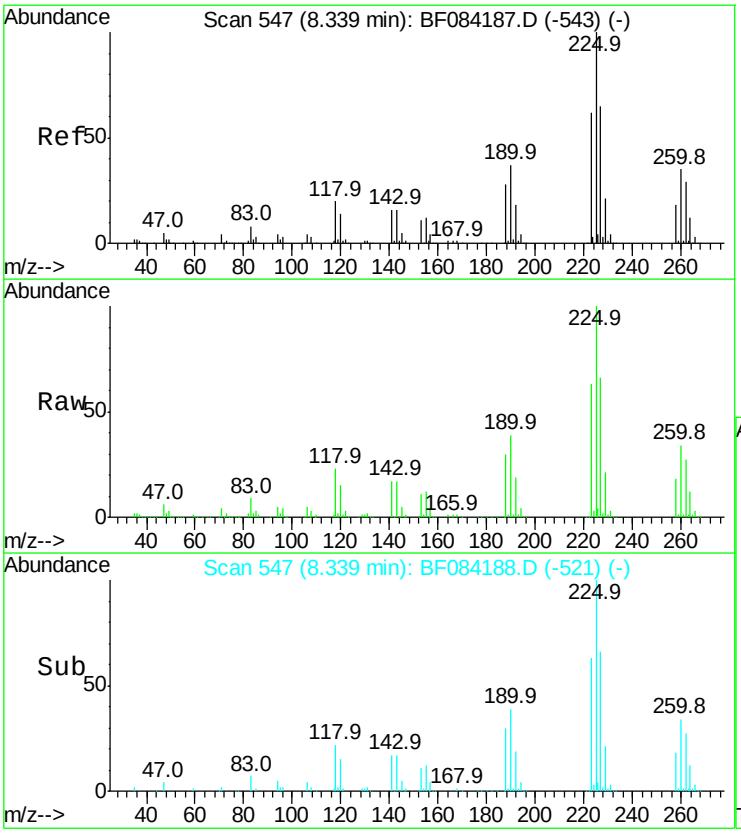
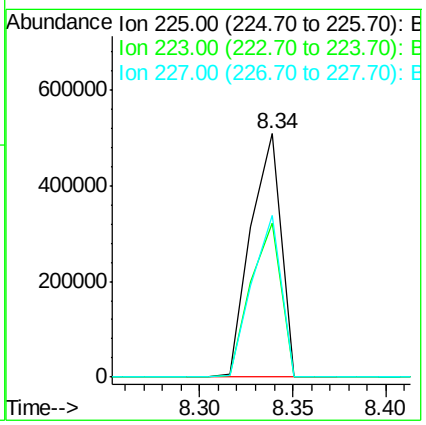
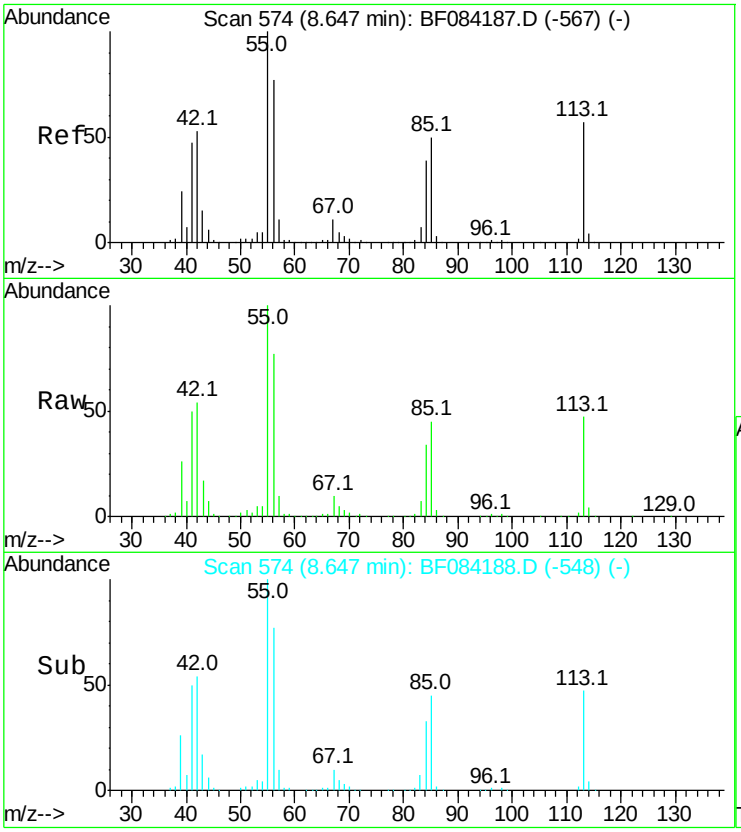



#34
Hexachlorobutadiene
Concen: 49.80 ng
RT: 8.34 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:225 Resp: 569561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.1 | 49.4 | 74.0 |
| 227 | 66.3 | 50.8 | 76.2 |

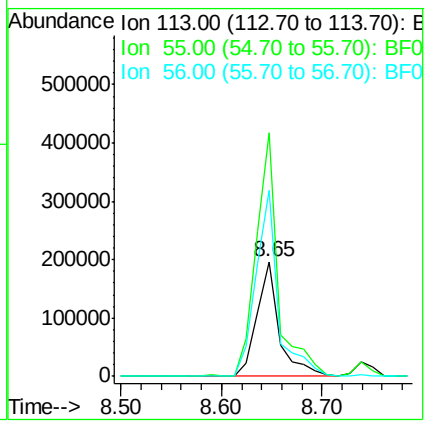





#35
Caprolactam
Concen: 46.16 ng
RT: 8.65 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:113 Resp: 303328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 212.6 | 116.9 | 156.9# |
| 56 | 163.0 | 93.8 | 133.8# |




**Instrument :**
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**ClientSampleId :**
SSTDICC050

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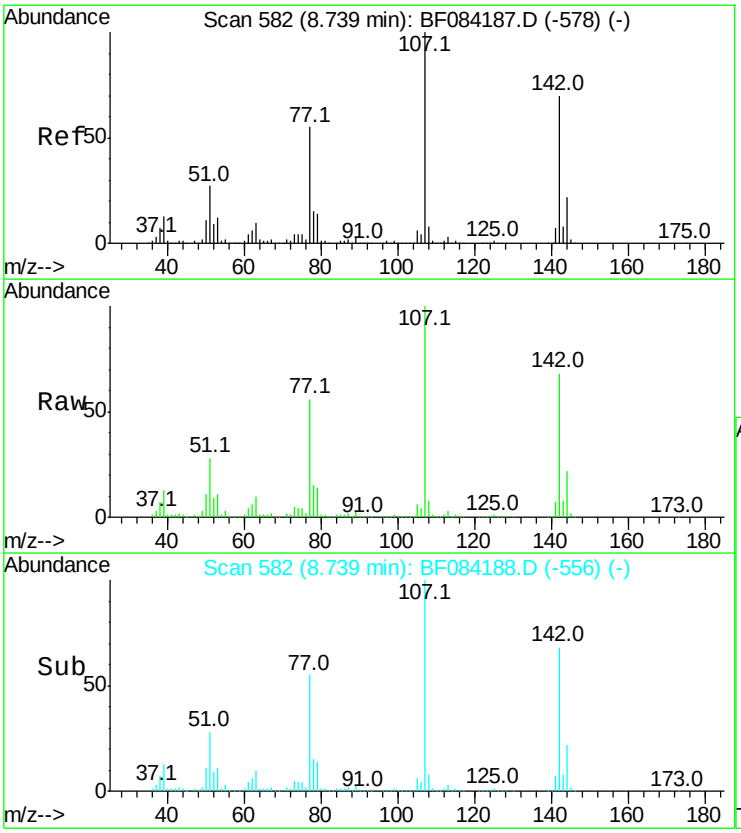
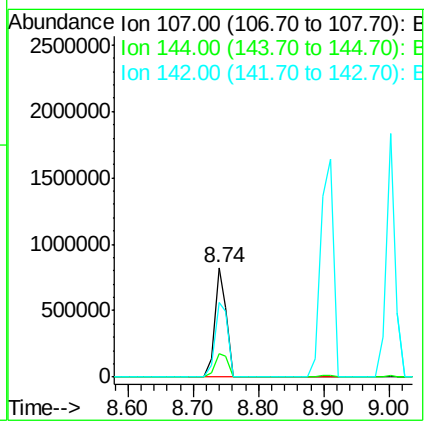
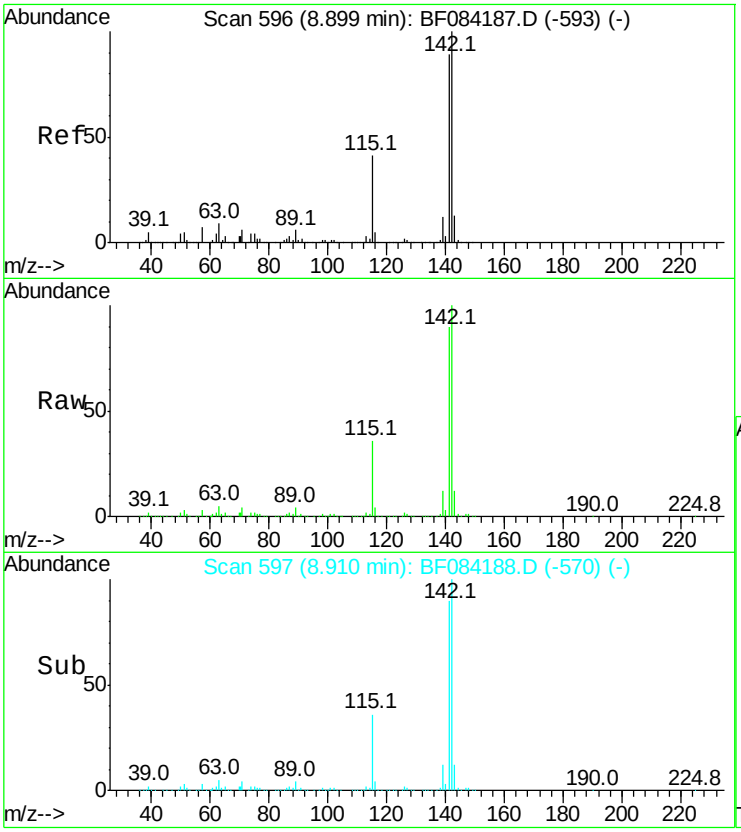



#36
4-Chloro-3-methylphenol
Concen: 46.87 ng
RT: 8.74 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:107 Resp: 1030532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 21.8 | 19.7 | 29.5 |
| 142 | 68.4 | 61.8 | 92.6 |

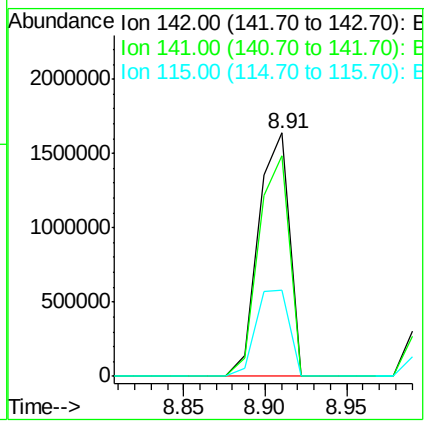





#37
2-Methylnaphthalene
Concen: 45.97 ng
RT: 8.91 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:142 Resp: 2155608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.4 | 72.4 | 108.6 |
| 115 | 35.6 | 27.9 | 41.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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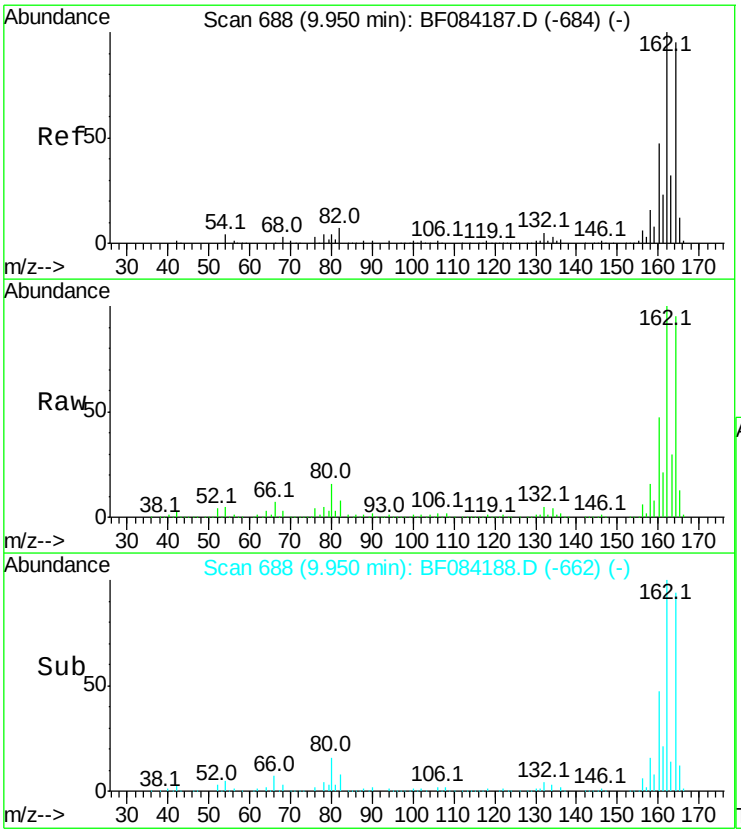
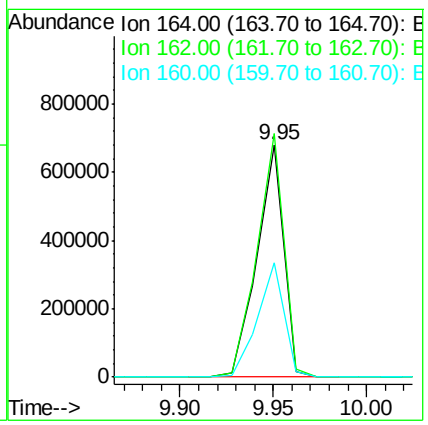
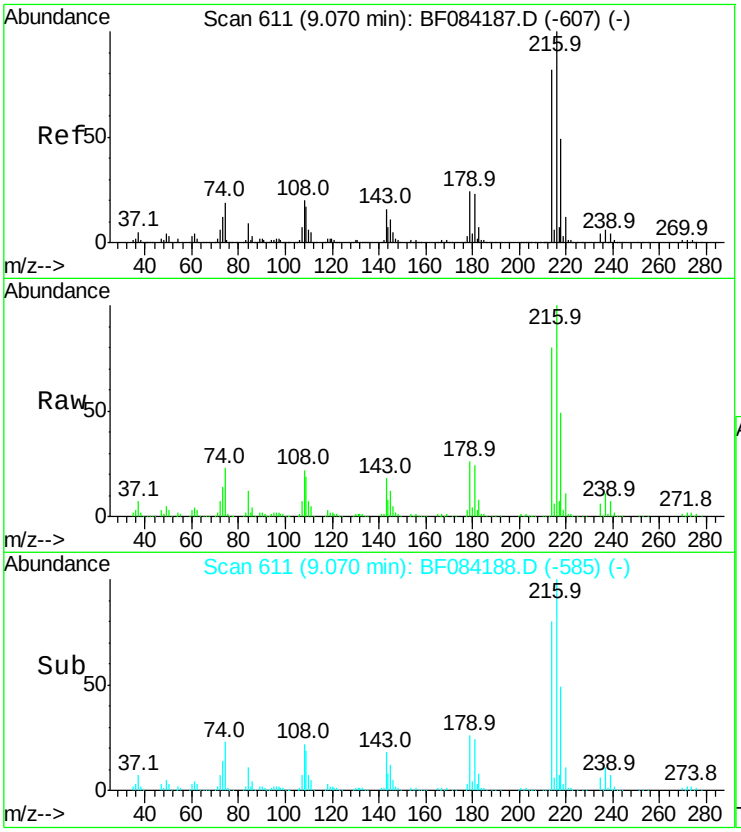



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:164 Resp: 668440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.9 | 85.1 | 127.7 |
| 160 | 49.2 | 37.5 | 56.3 |

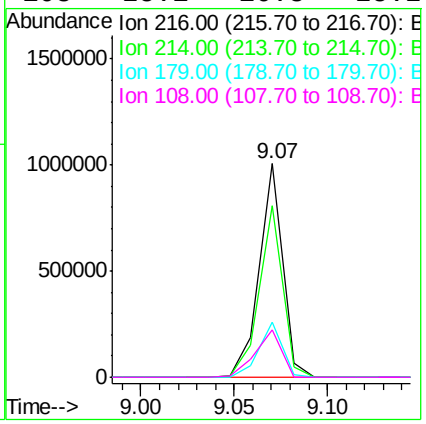





#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.00 ng
RT: 9.07 min Scan# 611
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:216 Resp: 867702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 80.1 | 64.2 | 96.2 |
| 179 | 25.6 | 18.7 | 28.1 |
| 108 | 25.1 | 16.8 | 25.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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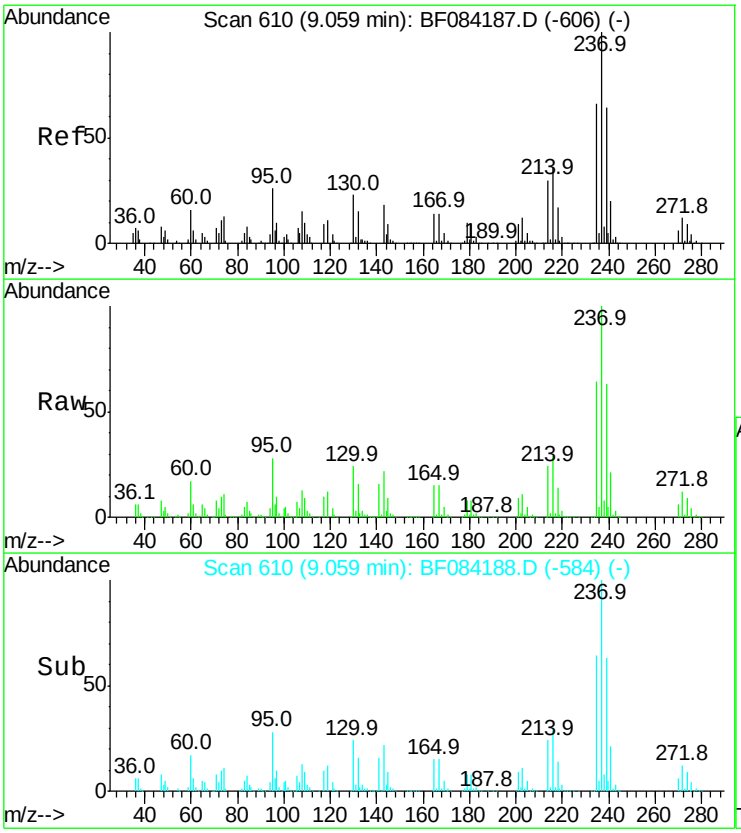
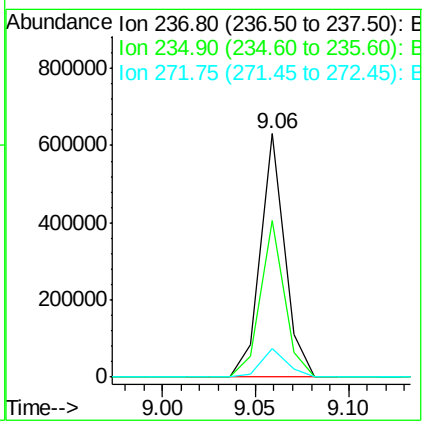
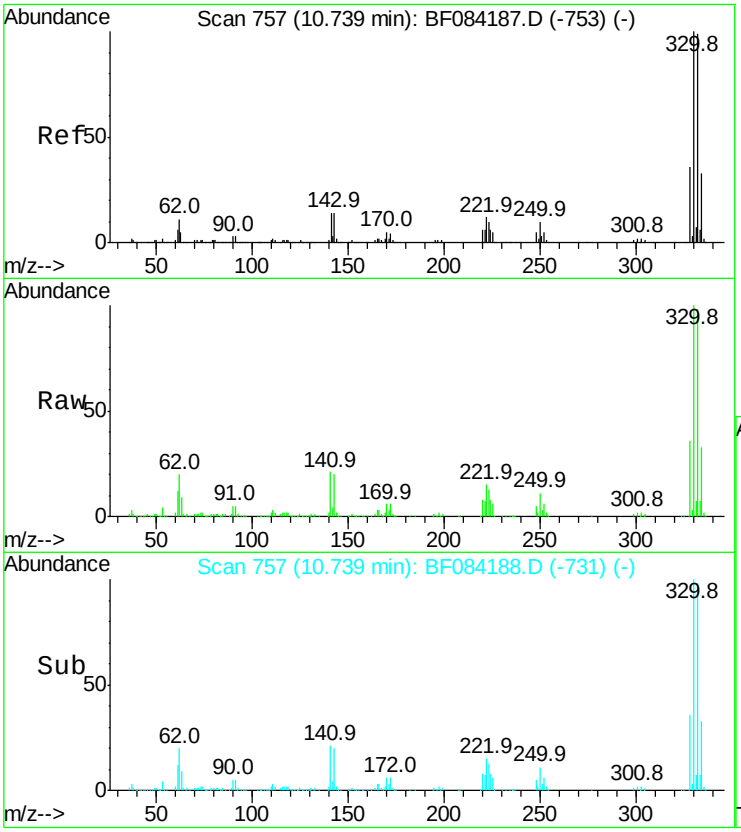



#40
Hexachlorocyclopentadiene
Concen: 48.05 ng
RT: 9.06 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:237 Resp: 566098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 64.4 | 43.1 | 83.1 |
| 272 | 11.8 | 0.0 | 35.1 |

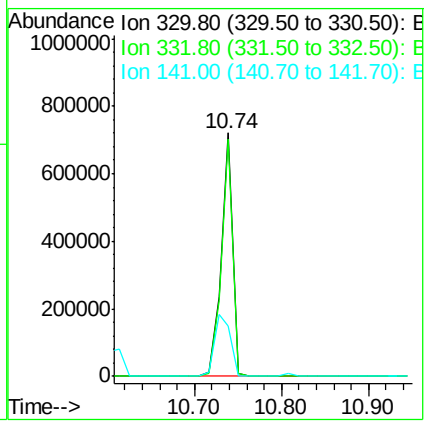





#41
2,4,6-Tribromophenol
Concen: 46.60 ng
RT: 10.74 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:330 Resp: 674881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.8 | 76.6 | 114.8 |
| 141 | 35.6 | 27.8 | 41.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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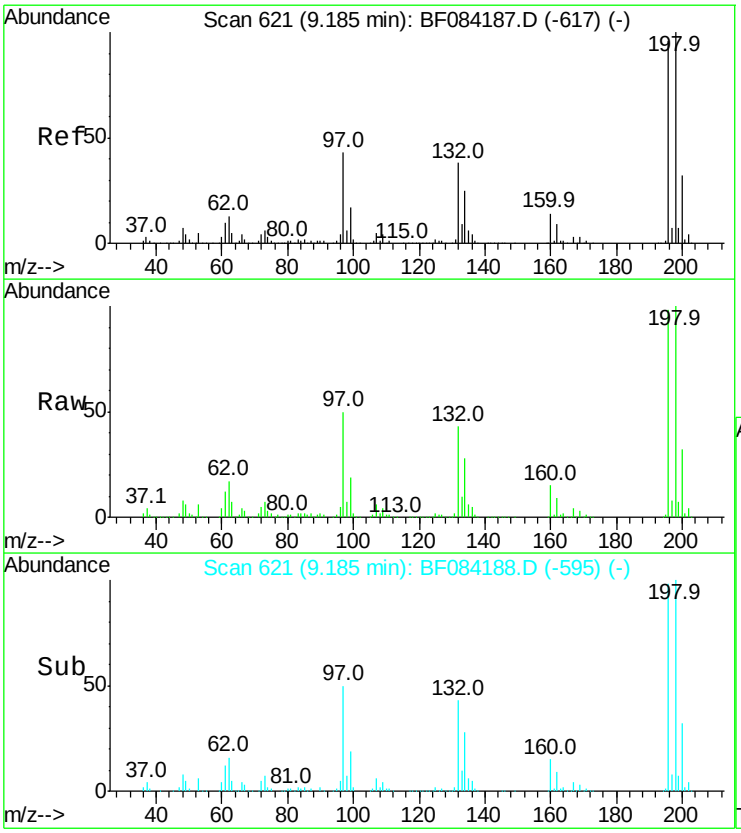
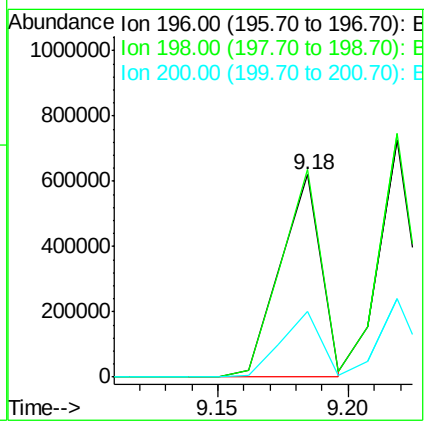
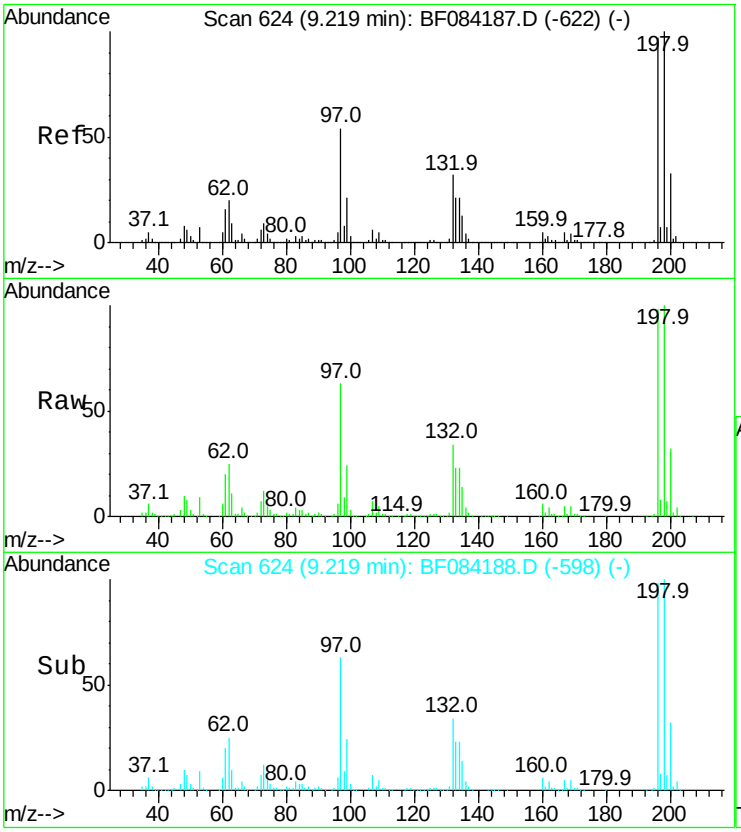



#42
2,4,6-Trichlorophenol
Concen: 44.16 ng
RT: 9.18 min Scan# 621
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:196 Resp: 674246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 102.6 | 77.7 | 116.5 |
| 200 | 32.7 | 24.6 | 37.0 |

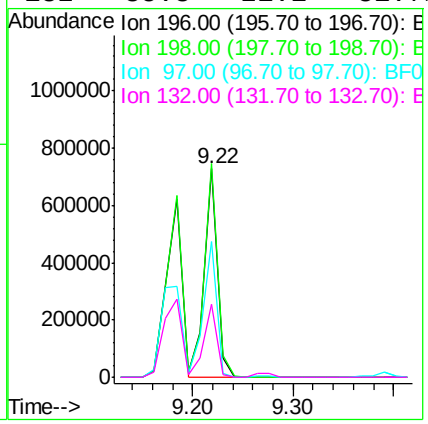





#43
2,4,5-Trichlorophenol
Concen: 45.91 ng
RT: 9.22 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:196 Resp: 658057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 102.5 | 79.0 | 118.6 |
| 97 | 64.9 | 33.0 | 49.6# |
| 132 | 35.3 | 21.1 | 31.7# |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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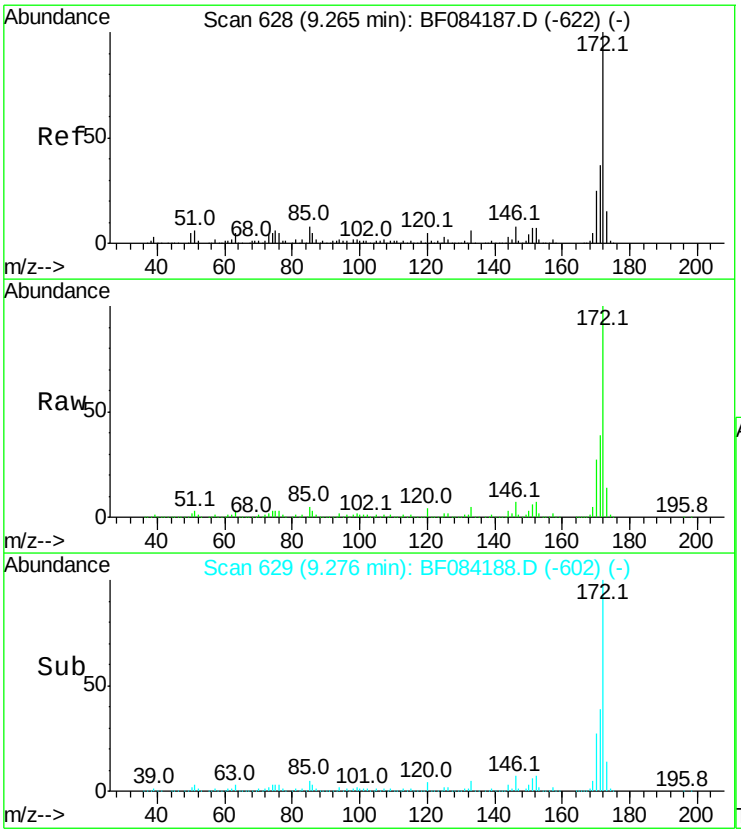
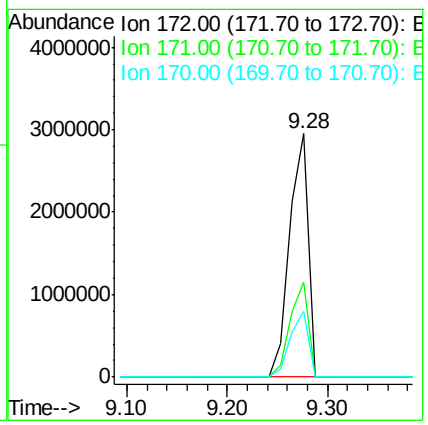
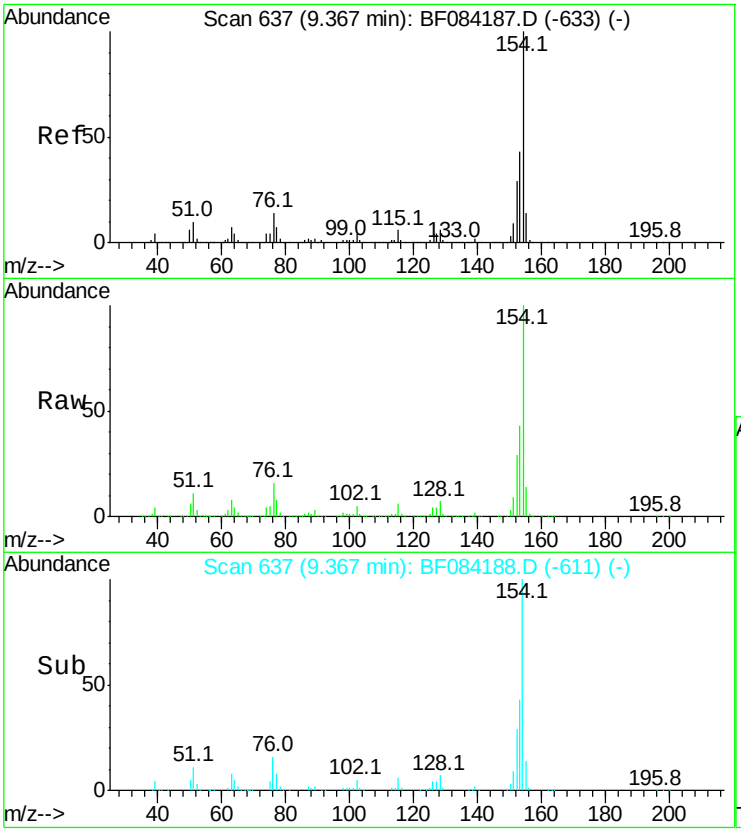



#44
2-Fluorobiphenyl
Concen: 39.71 ng
RT: 9.28 min Scan# 629
Delta R.T. 0.01 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:172 Resp: 3769504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 39.0 | 28.9 | 43.3 |
| 170 | 26.8 | 18.6 | 27.8 |

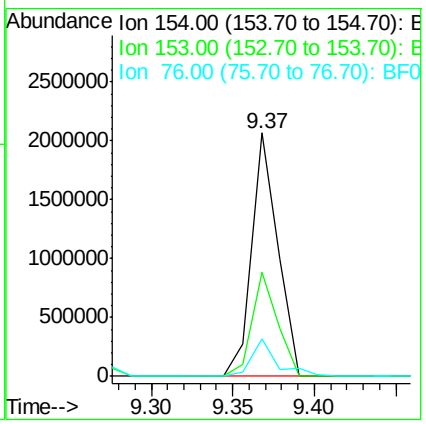





#45
1,1'-Biphenyl
Concen: 37.68 ng
RT: 9.37 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:154 Resp: 2296782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 42.7 | 21.6 | 61.6 |
| 76 | 15.6 | 0.0 | 32.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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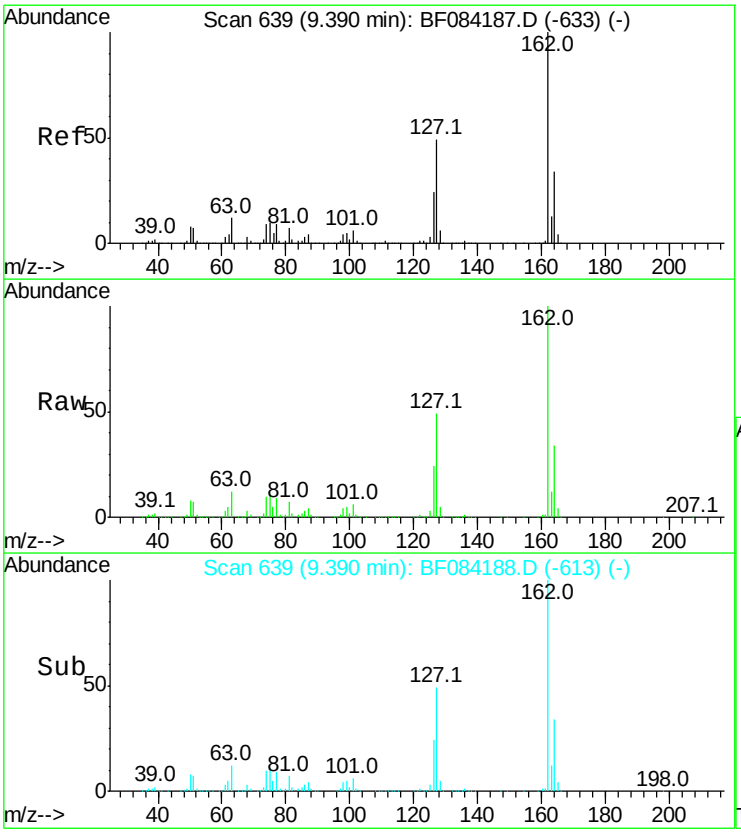
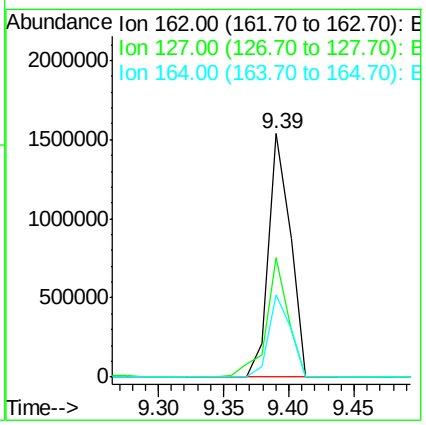
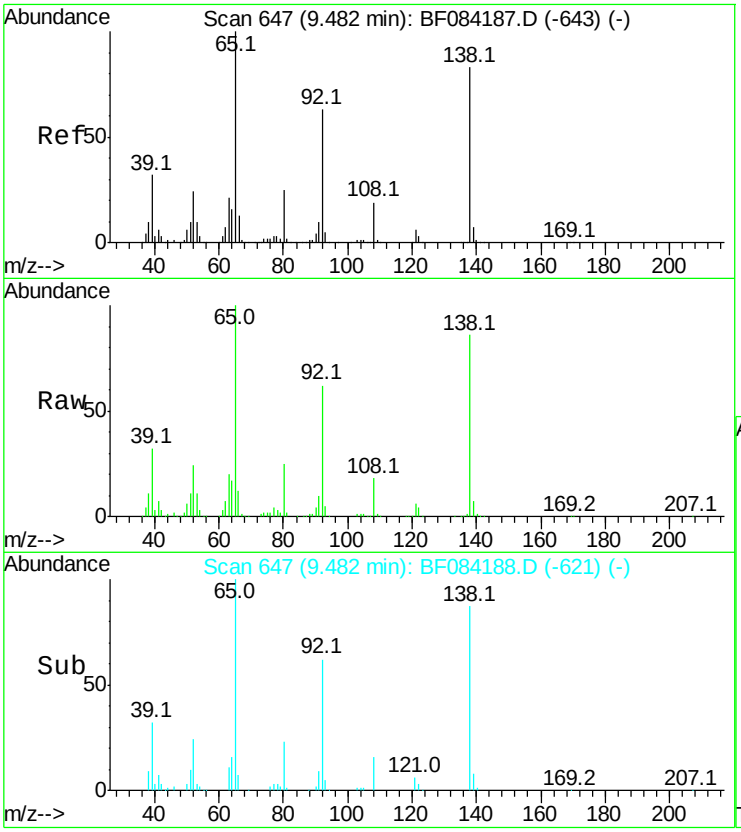



#46
2-Chloronaphthalene
Concen: 40.14 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:162 Resp: 1807475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 49.2 | 40.2 | 60.4 |
| 164 | 34.1 | 25.7 | 38.5 |

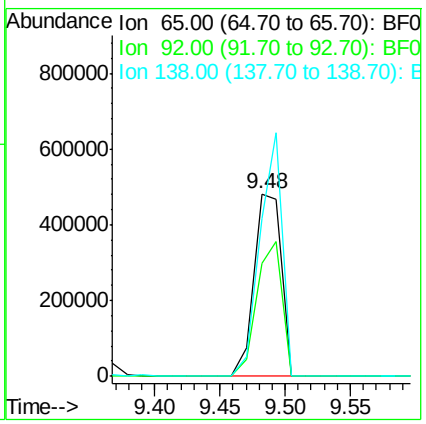





#47
2-Nitroaniline
Concen: 53.32 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion: 65 Resp: 704477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 61.8 | 53.4 | 80.2 |
| 138 | 86.4 | 71.1 | 106.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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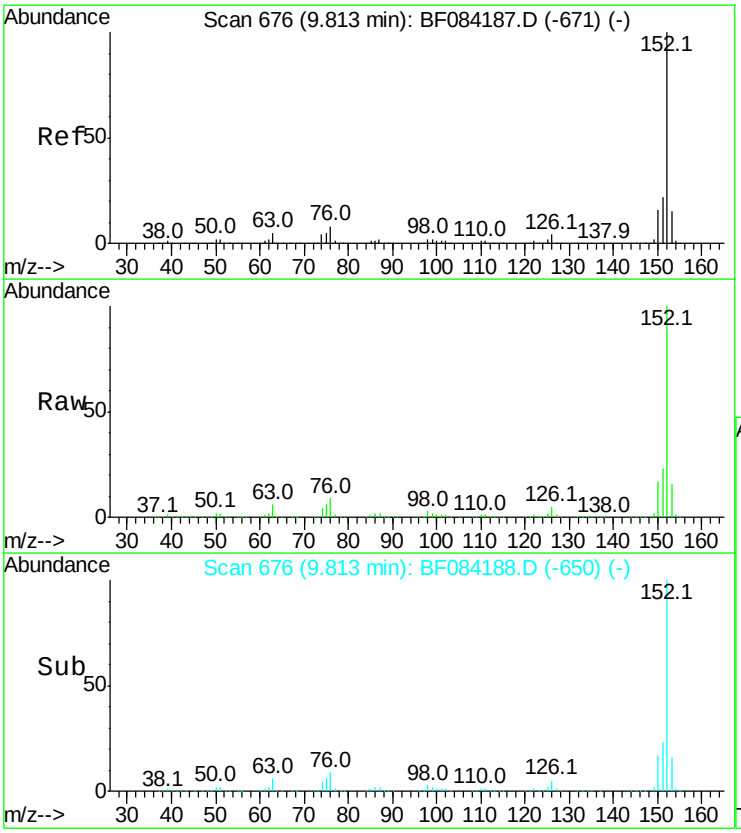
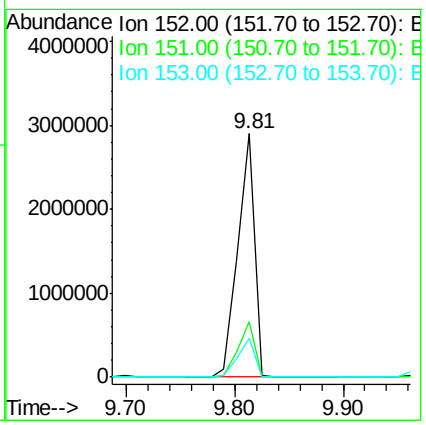
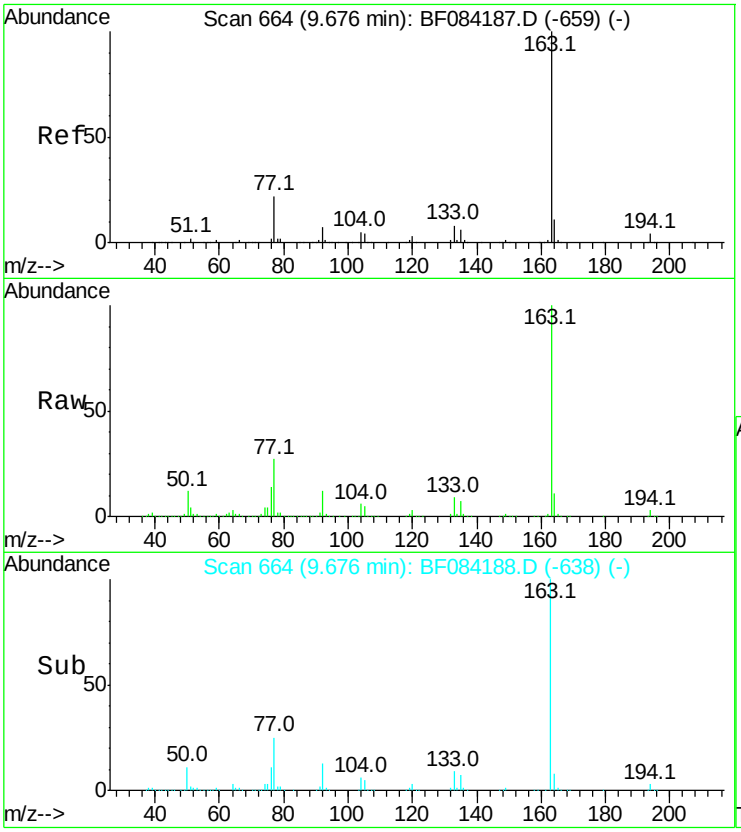



#48
Acenaphthylene
Concen: 41.96 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:152 Resp: 3030750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 23.0 | 16.3 | 24.5 |
| 153 | 15.8 | 10.4 | 15.6# |






#49
Dimethylphthalate
Concen: 40.58 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:163 Resp: 2099430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.3 | 8.0 | 12.0# |
| 164 | 11.2 | 8.0 | 12.0 |

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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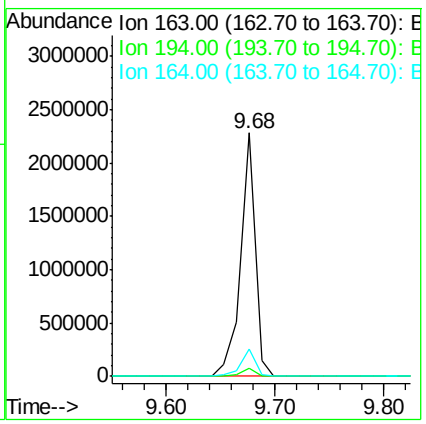
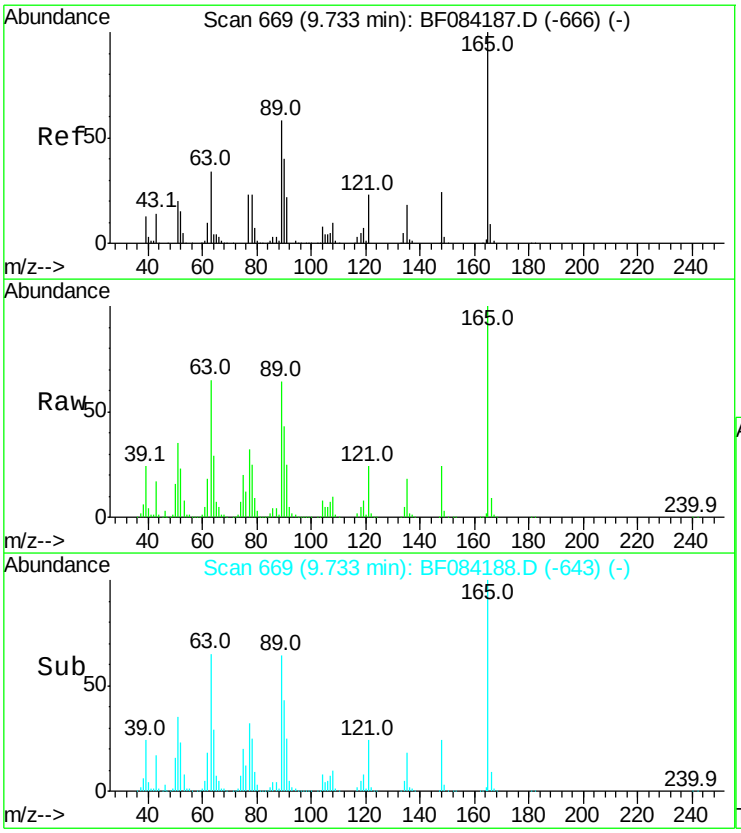
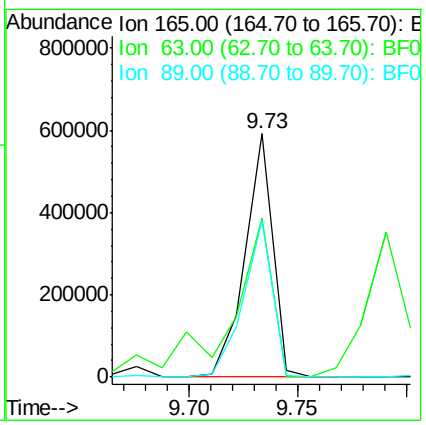


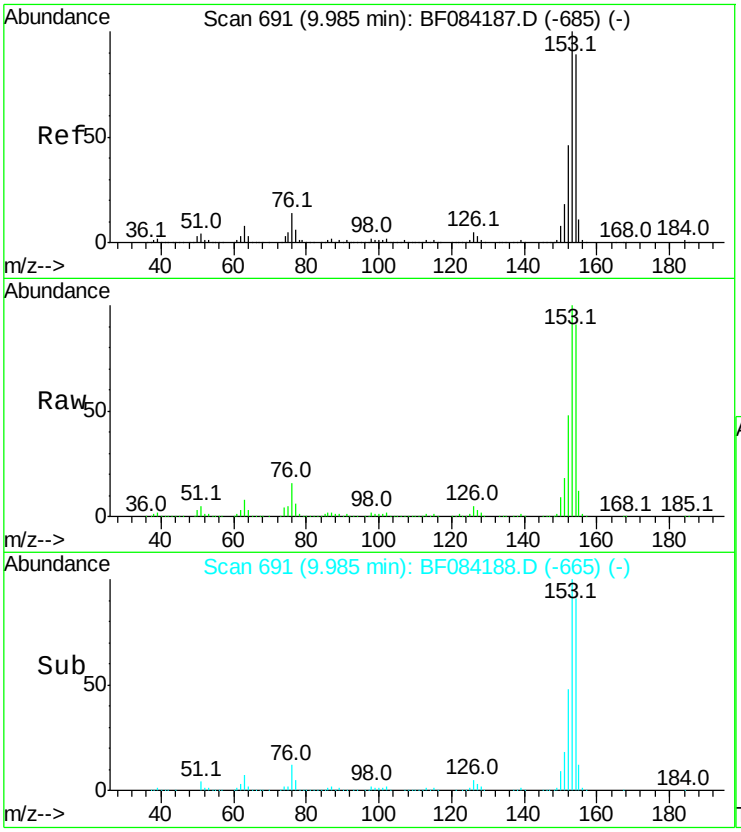




#50
2,6-Dinitrotoluene
Concen: 48.80 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:165 Resp: 525206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 65.2 | 28.8 | 43.2# |
| 89 | 64.1 | 35.1 | 52.7# |

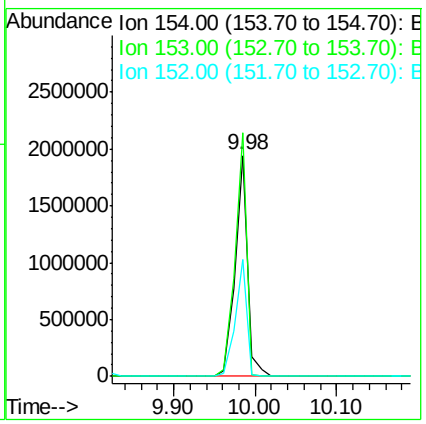





#51
Acenaphthene
Concen: 43.77 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:154 Resp: 2065403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 110.1 | 91.5 | 137.3 |
| 152 | 52.6 | 43.0 | 64.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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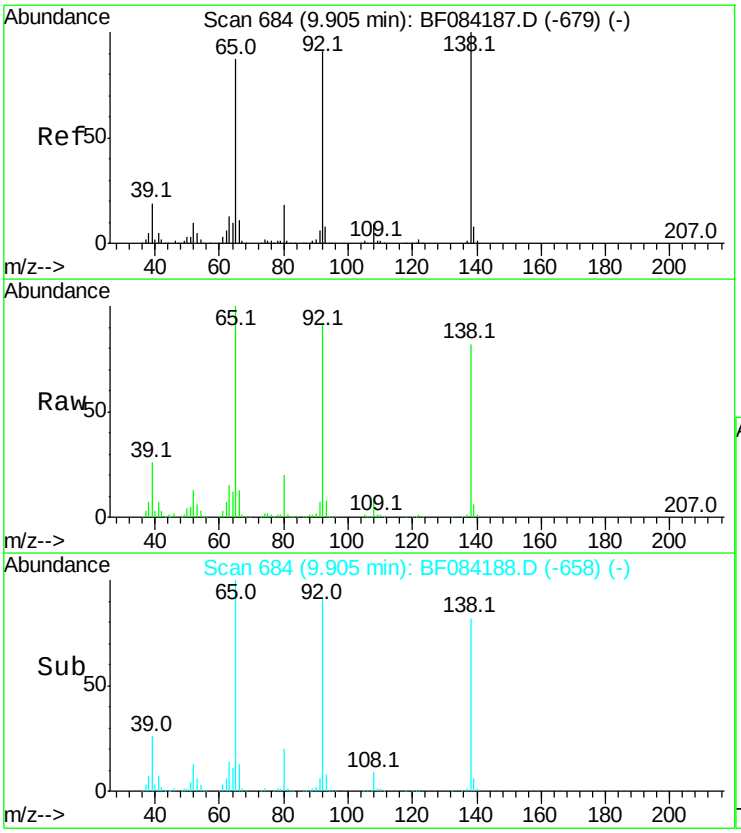
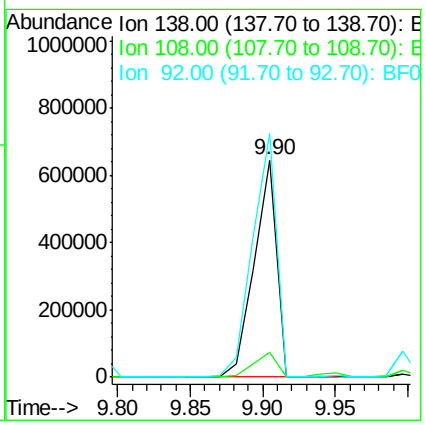
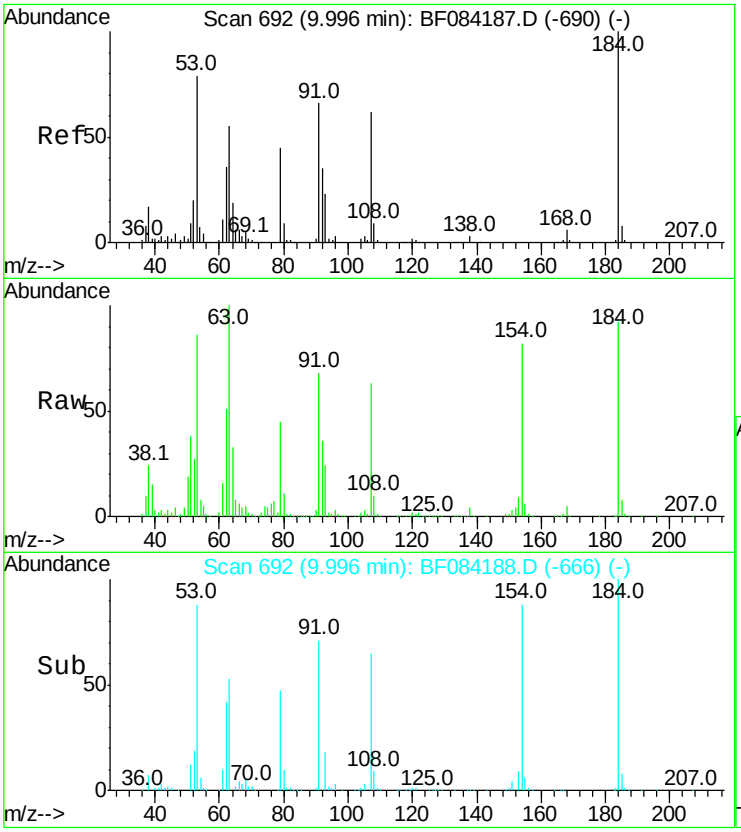



#52
3-Nitroaniline
Concen: 52.09 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:138 Resp: 691747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.5 | 10.5 | 15.7 |
| 92 | 112.2 | 103.9 | 155.9 |

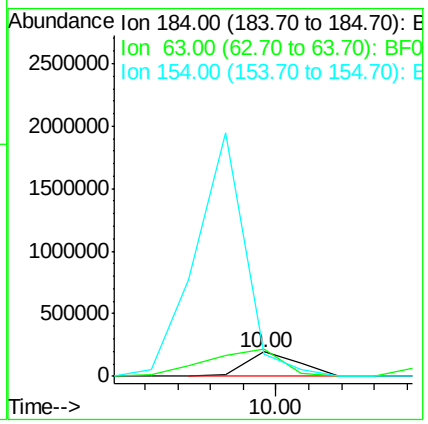





#53
2,4-Dinitrophenol
Concen: 75.14 ng m
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:184 Resp: 213623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 108.2 | 43.1 | 64.7# |
| 154 | 88.3 | 60.5 | 90.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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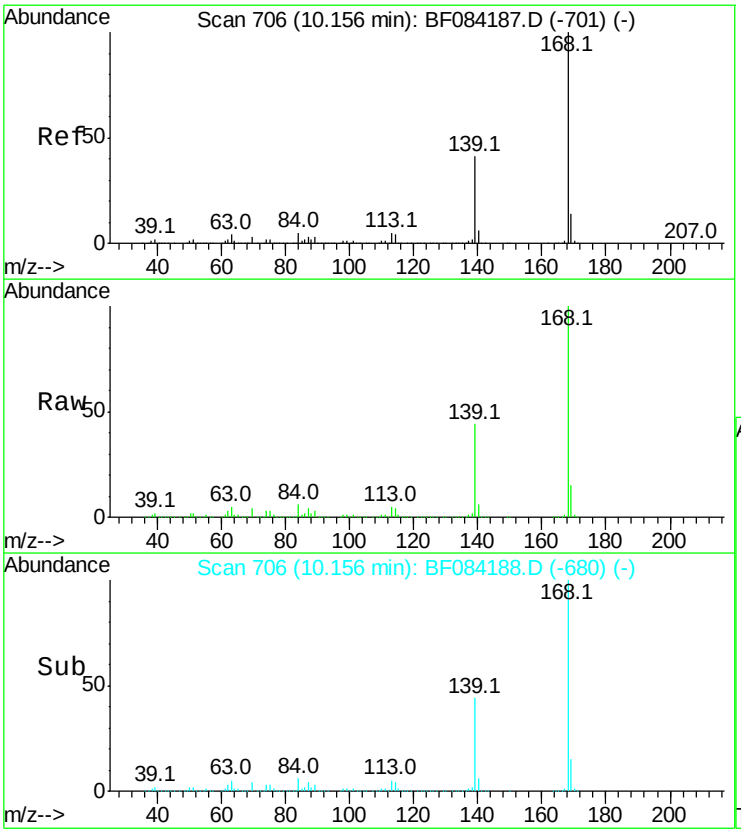
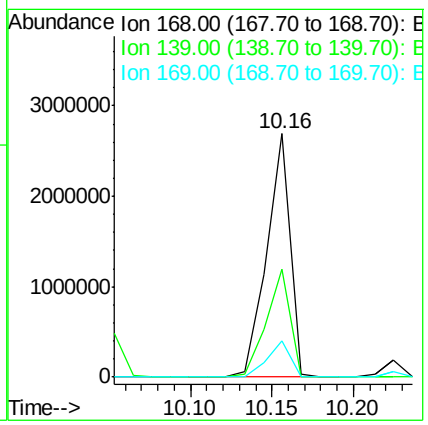
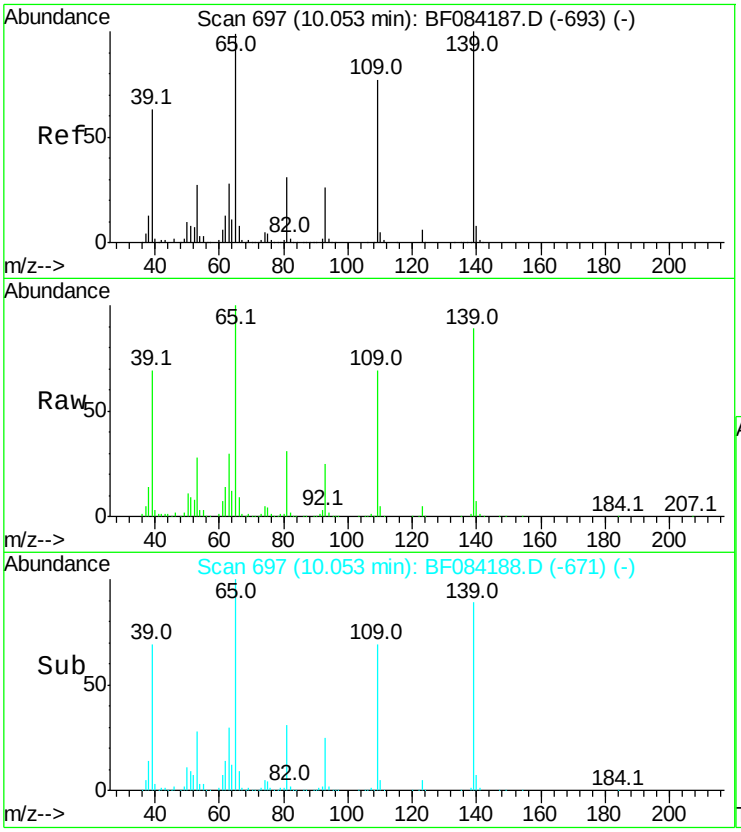



#54
Dibenzofuran
Concen: 41.38 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:168 Resp: 2685056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 44.3 | 30.5 | 45.7 |
| 169 | 14.8 | 10.4 | 15.6 |

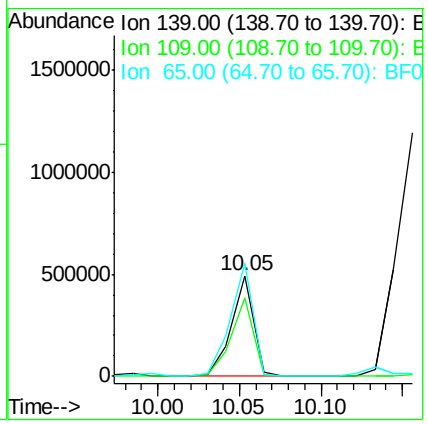





#55
4-Nitrophenol
Concen: 30.69 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:139 Resp: 461259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 77.9 | 58.5 | 98.5 |
| 65 | 113.0 | 57.6 | 97.6# |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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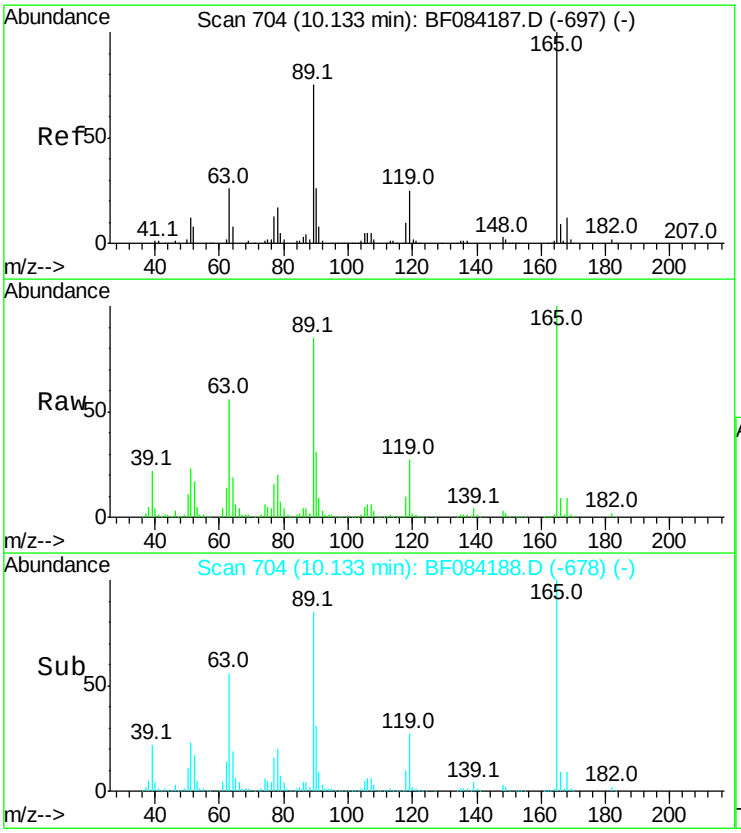
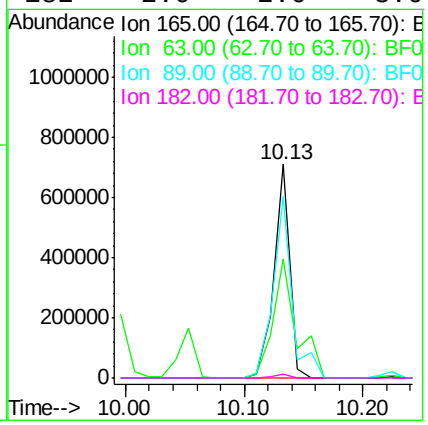
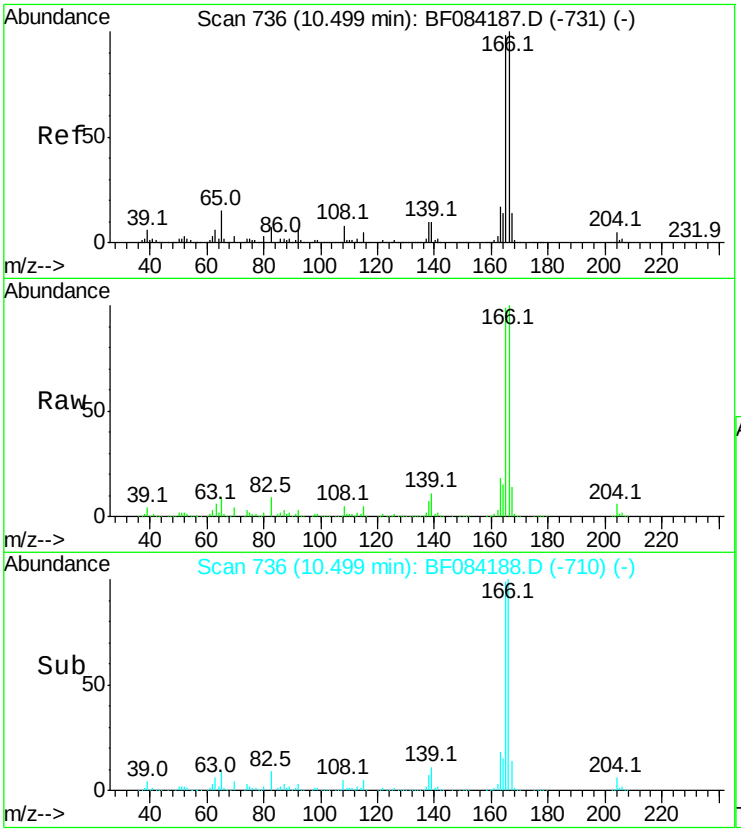



#56
2,4-Dinitrotoluene
Concen: 49.06 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:165 Resp: 656137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 55.9 | 36.7 | 55.1# |
| 89 | 85.2 | 61.9 | 92.9 |
| 182 | 2.0 | 2.0 | 3.0 |

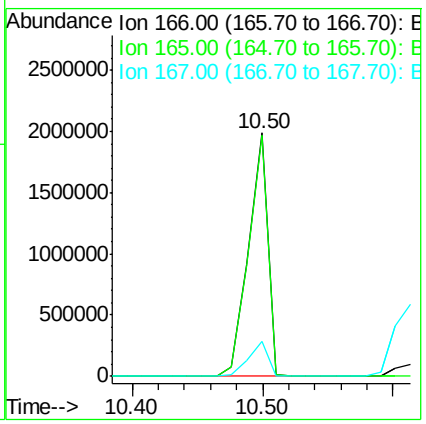





#57
Fluorene
Concen: 41.06 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:166 Resp: 2050288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.8 | 79.1 | 118.7 |
| 167 | 14.2 | 10.4 | 15.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**
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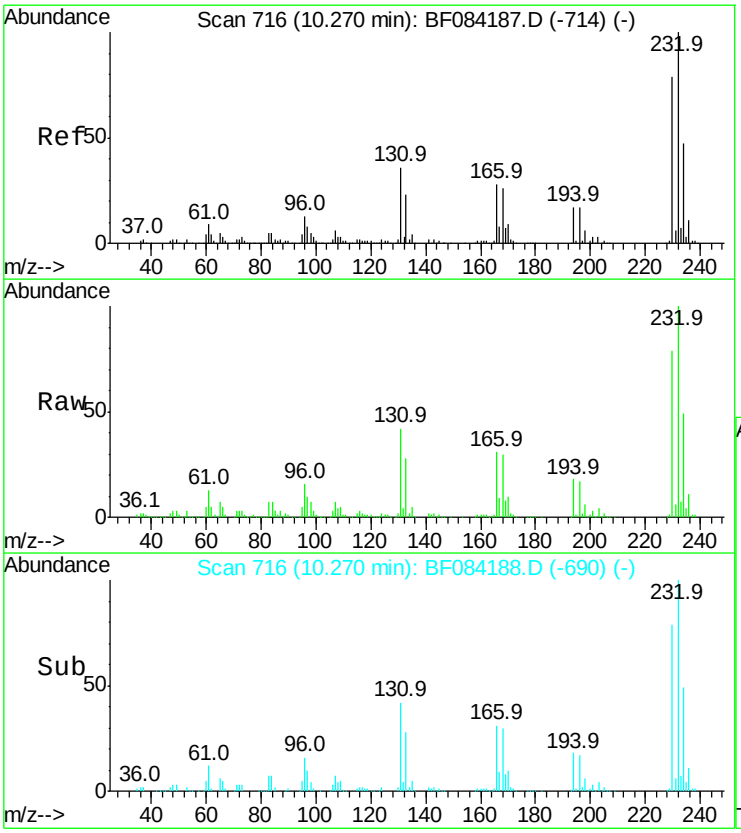
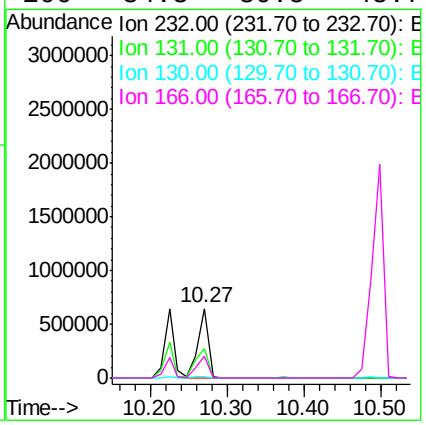
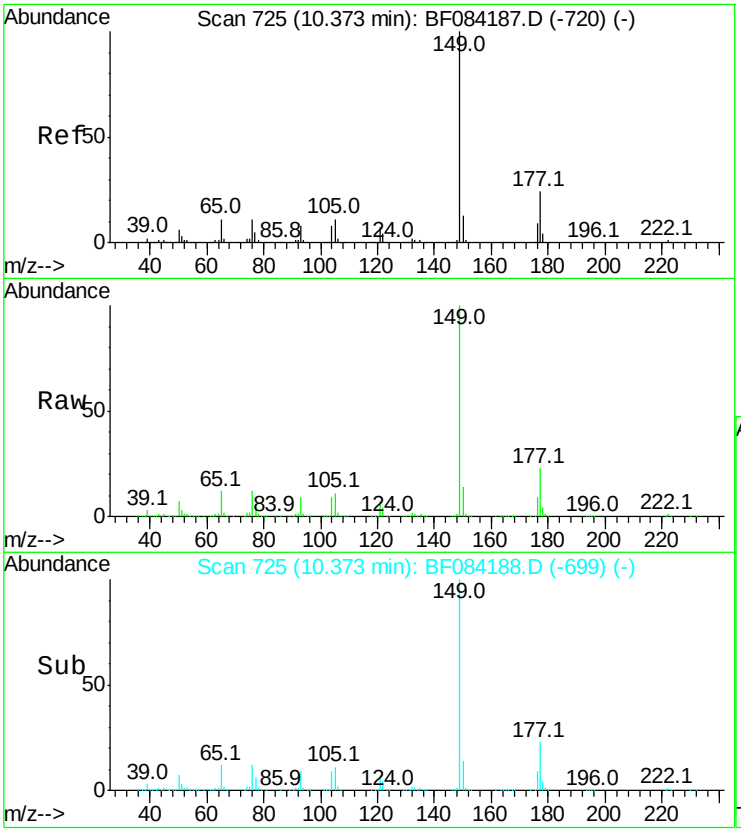



#58
2,3,4,6-Tetrachlorophenol
Concen: 48.17 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:232 Resp: 594269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 51.6 | 47.0 | 70.6 |
| 130 | 2.5 | 2.0 | 3.0 |
| 166 | 34.3 | 30.5 | 45.7 |

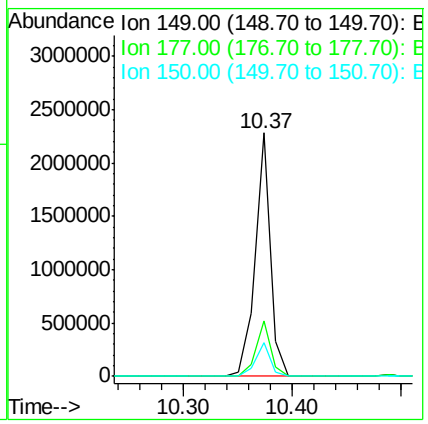





#59
Diethylphthalate
Concen: 41.08 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:149 Resp: 2221953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.6 | 17.3 | 25.9 |
| 150 | 13.8 | 9.8 | 14.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**
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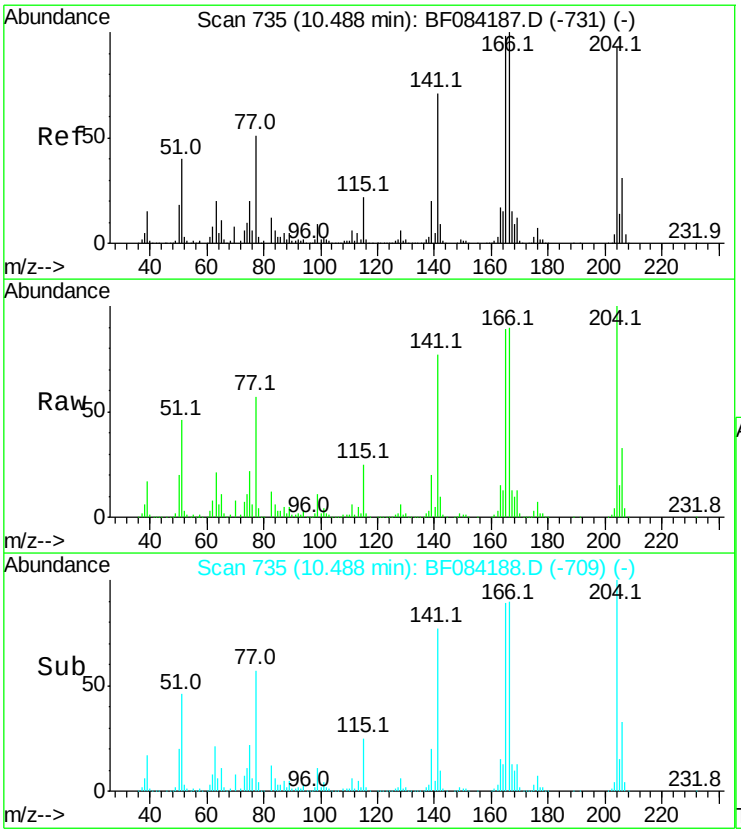
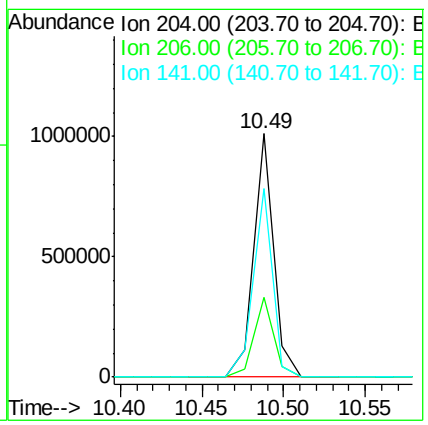
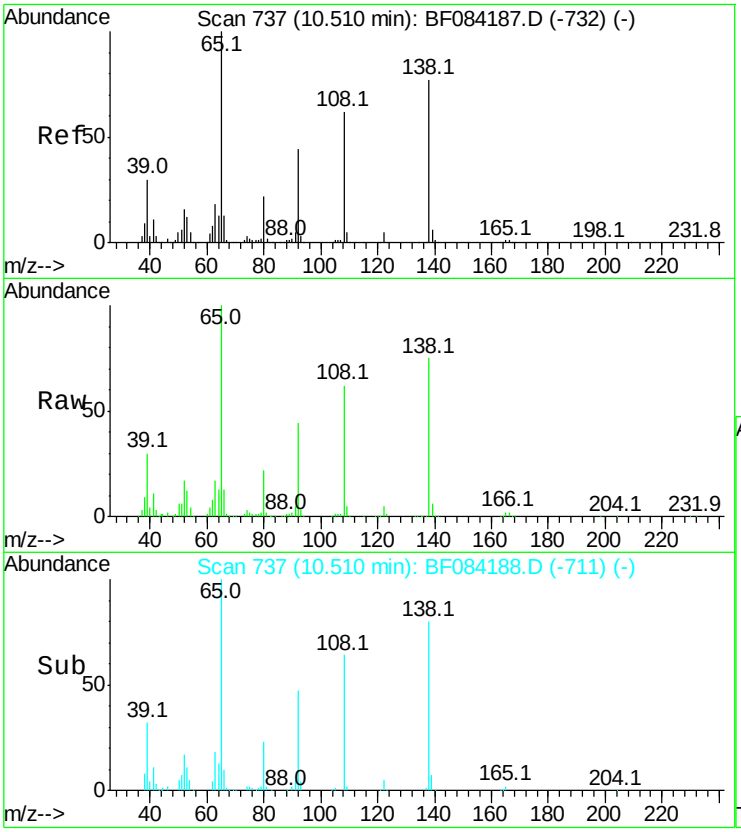



#60
4-Chlorophenyl-phenylether
Concen: 38.28 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:204 Resp: 858946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.5 | 25.7 | 38.5 |
| 141 | 77.5 | 55.1 | 82.7 |

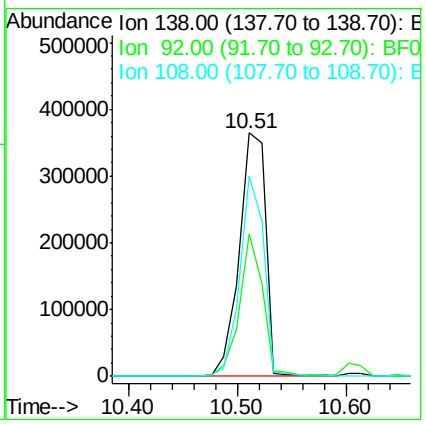





#61
4-Nitroaniline
Concen: 54.74 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:138 Resp: 615494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 58.6 | 32.6 | 72.6 |
| 108 | 82.1 | 68.6 | 108.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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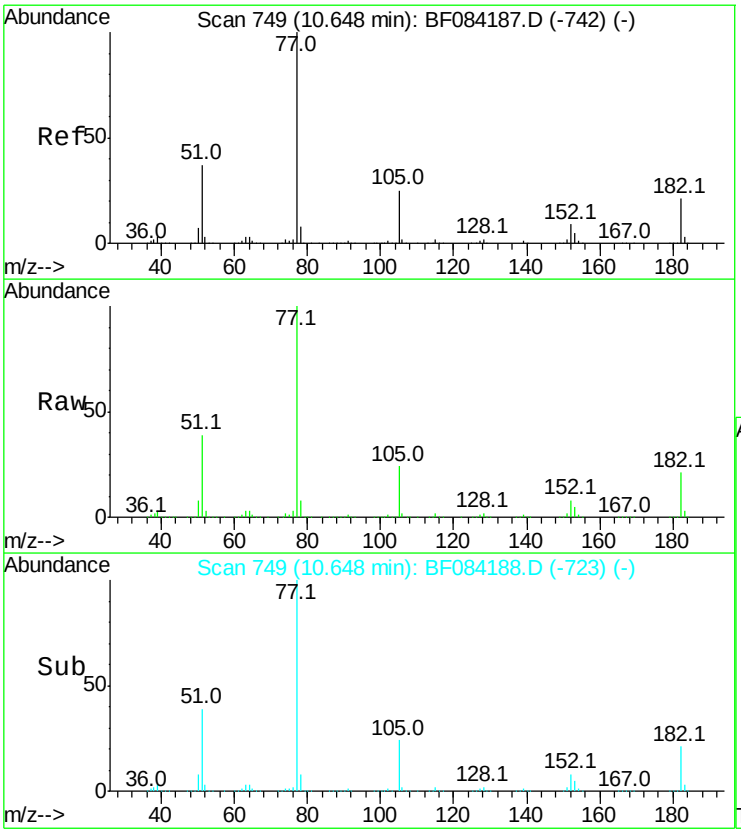
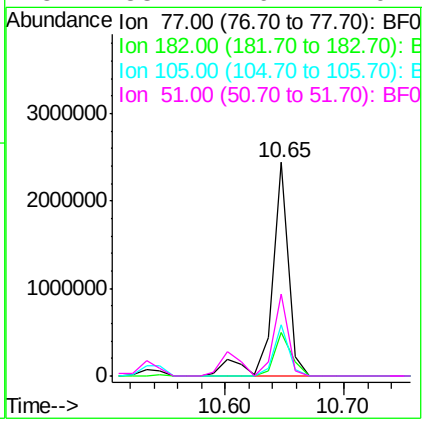
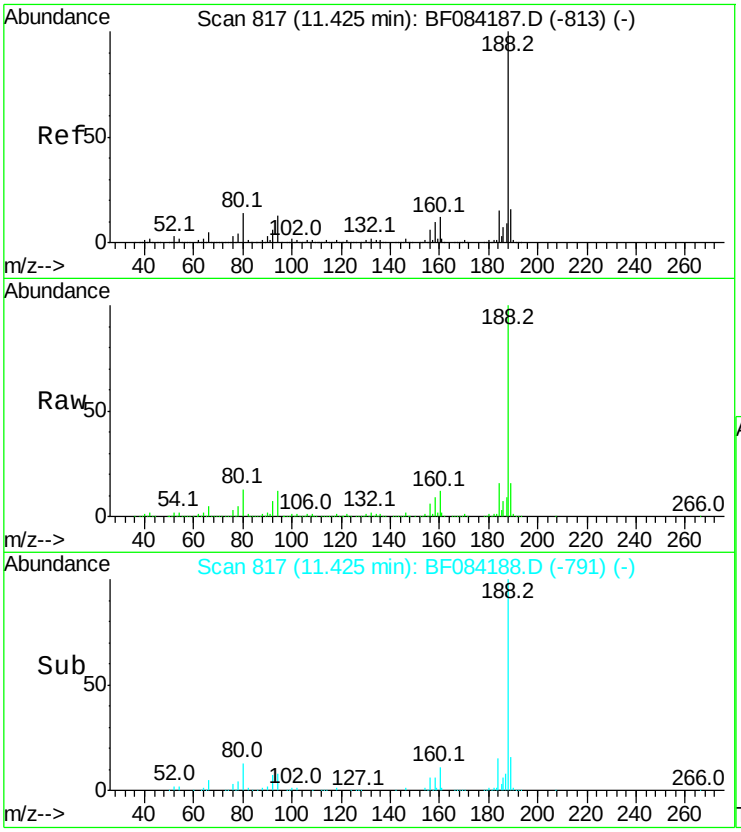



#62
Azobenzene
Concen: 42.15 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion: 77 Resp: 2367062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 20.6 | 8.3 | 48.3 |
| 105 | 24.2 | 4.6 | 44.6 |
| 51 | 38.7 | 6.2 | 46.2 |

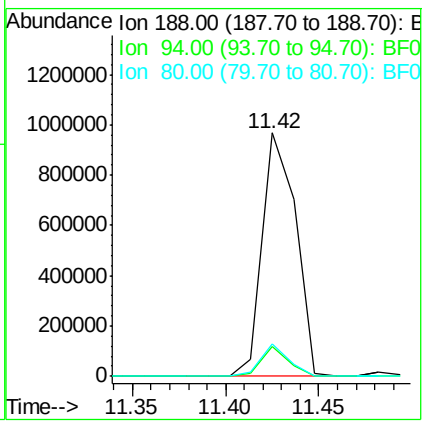





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:188 Resp: 1201835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 12.1 | 9.0 | 13.4 |
| 80 | 13.5 | 9.6 | 14.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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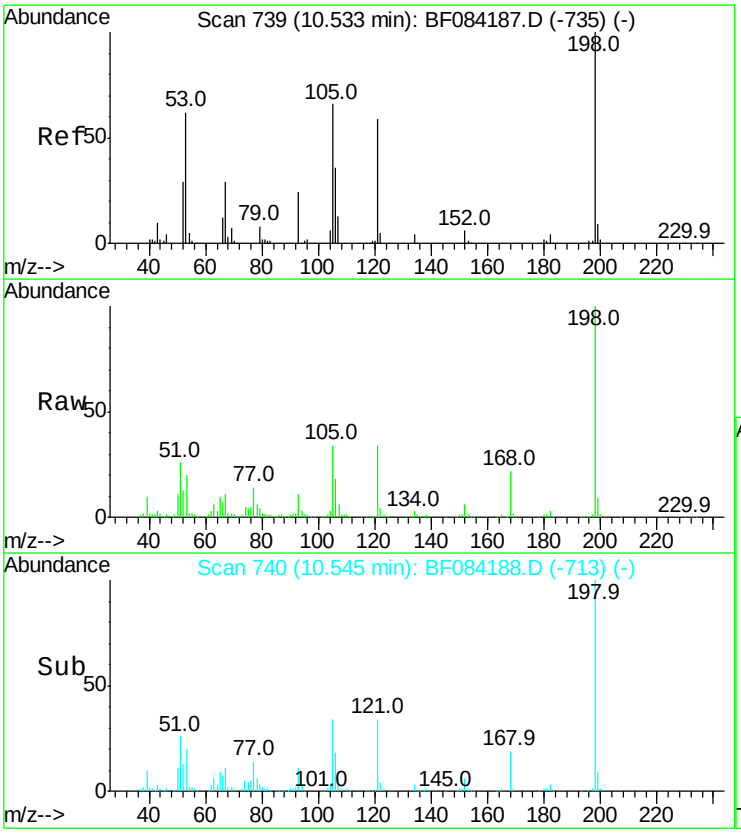
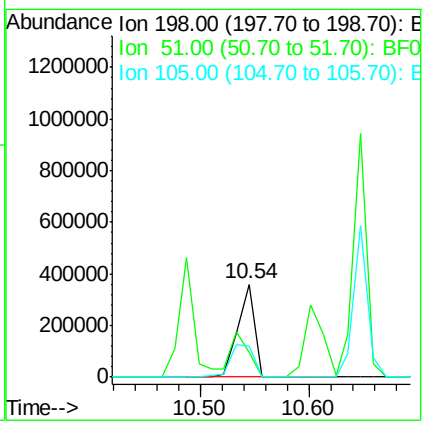
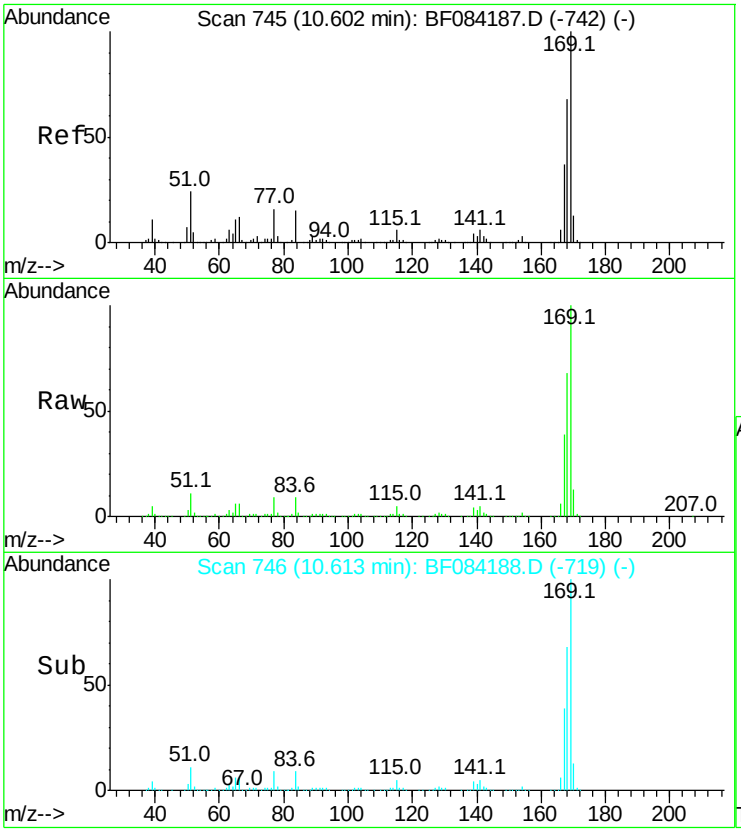



#64
4,6-Dinitro-2-methylphenol
Concen: 72.05 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:198 Resp: 375658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 26.2 | 18.9 | 58.9 |
| 105 | 33.5 | 26.4 | 66.4 |

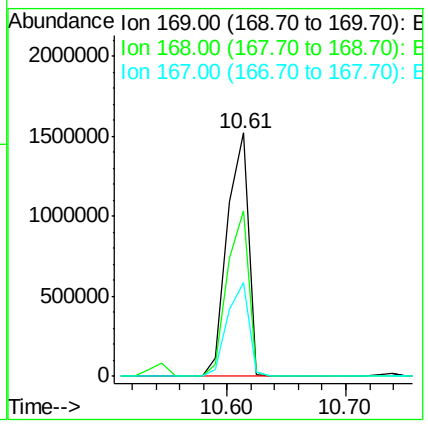





#65
n-Nitrosodiphenylamine
Concen: 45.92 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.01 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:169 Resp: 1881690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.9 | 55.1 | 82.7 |
| 167 | 38.8 | 30.0 | 45.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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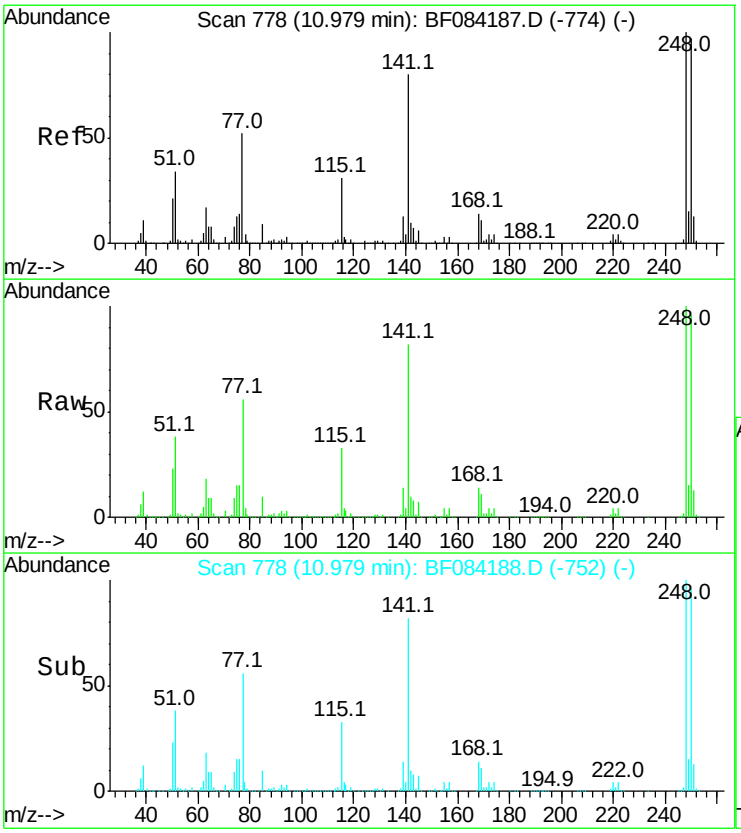
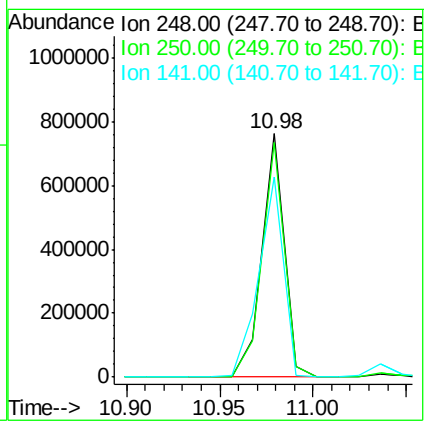
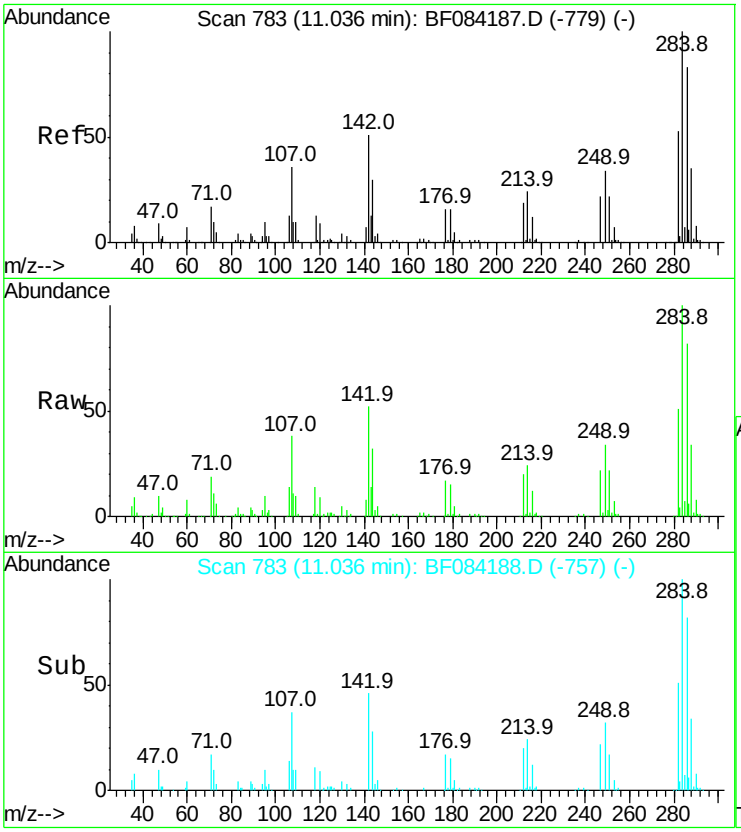



#66
4-Bromophenyl-phenylether
Concen: 45.13 ng
RT: 10.98 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:248 Resp: 627396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.4 | 78.4 | 117.6 |
| 141 | 82.1 | 44.0 | 66.0# |

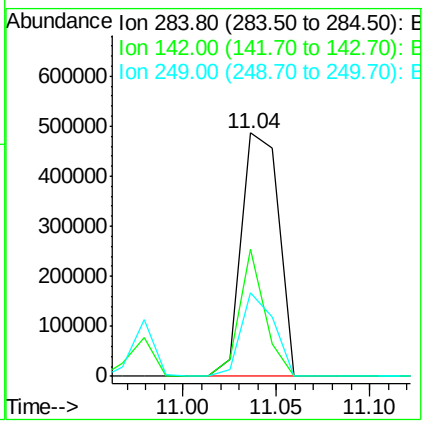





#67
Hexachlorobenzene
Concen: 43.50 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:284 Resp: 671017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 52.3 | 22.2 | 33.4# |
| 249 | 34.2 | 24.6 | 37.0 |




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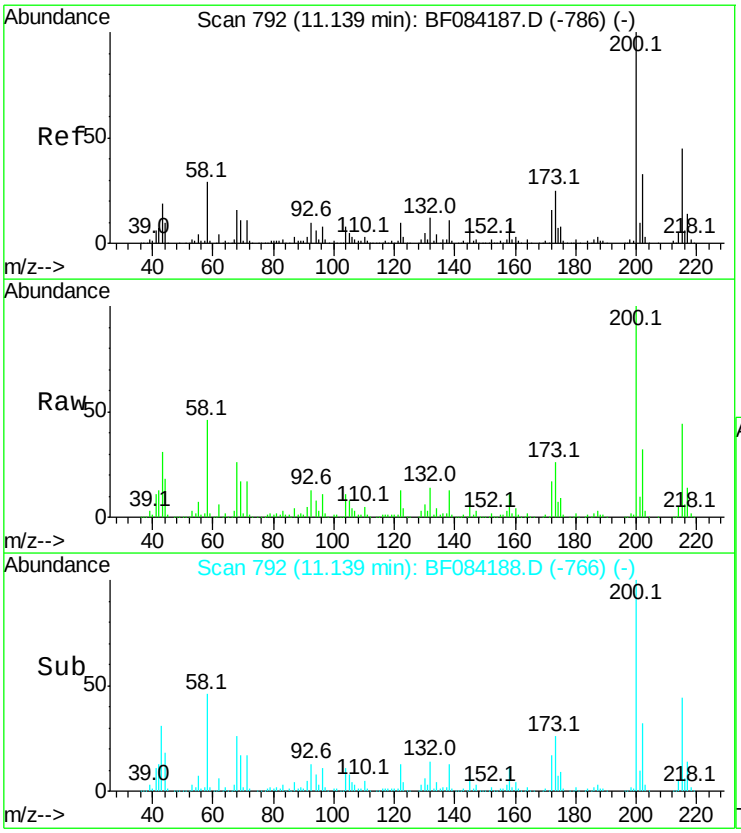
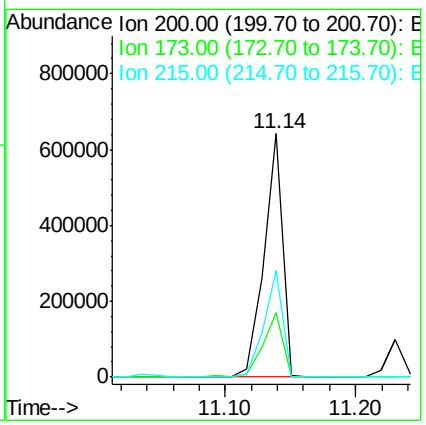
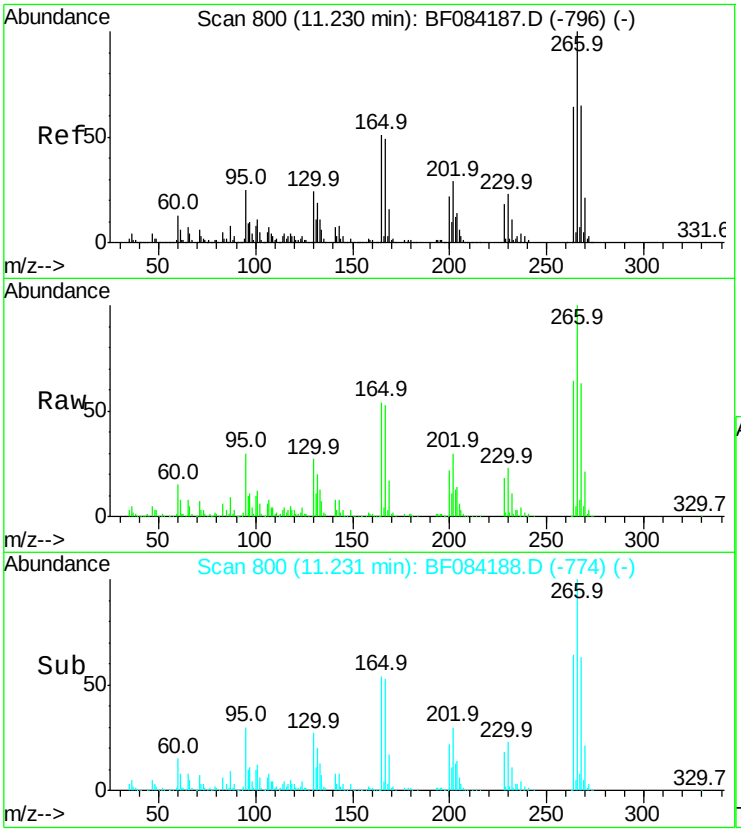



#68
Atrazine
Concen: 46.93 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:200 Resp: 638945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.3 | 9.5 | 49.5 |
| 215 | 43.7 | 23.8 | 63.8 |

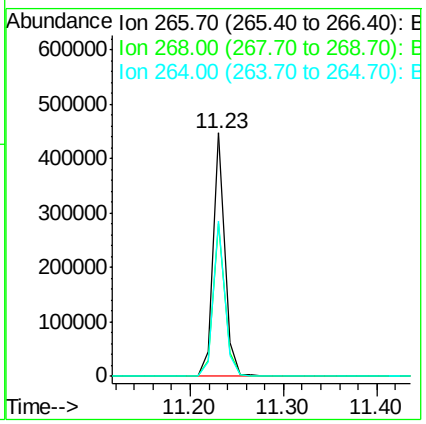





#69
Pentachlorophenol
Concen: 58.82 ng
RT: 11.23 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:266 Resp: 388345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 62.8 | 52.4 | 78.6 |
| 264 | 64.0 | 50.2 | 75.2 |




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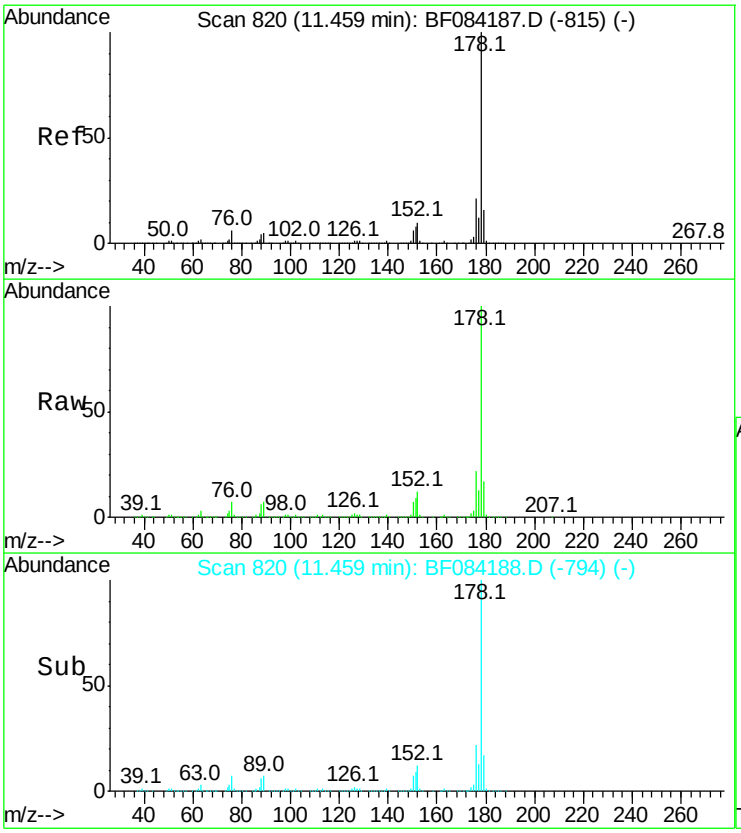
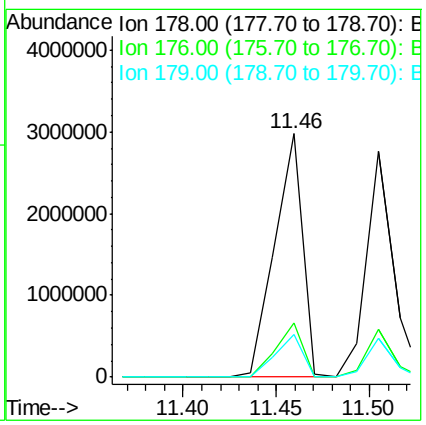
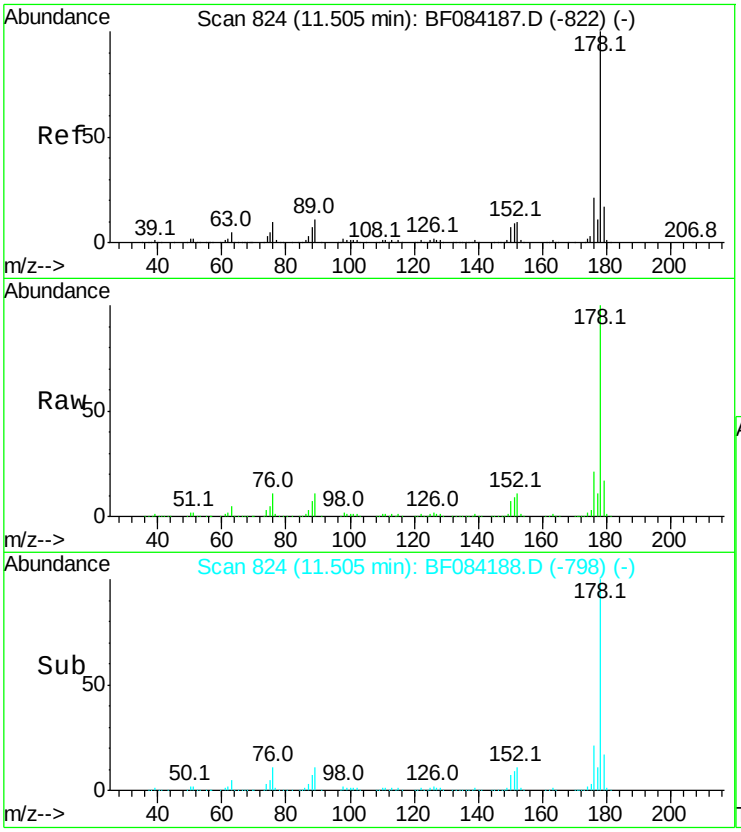



#70
Phenanthrene
Concen: 42.04 ng
RT: 11.46 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:178 Resp: 3112633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 22.3 | 15.3 | 22.9 |
| 179 | 17.3 | 12.0 | 18.0 |

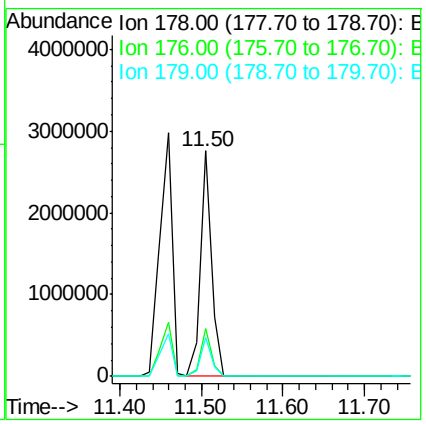





#71
Anthracene
Concen: 37.87 ng
RT: 11.50 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:178 Resp: 2685105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 21.2 | 15.4 | 23.0 |
| 179 | 17.4 | 12.5 | 18.7 |




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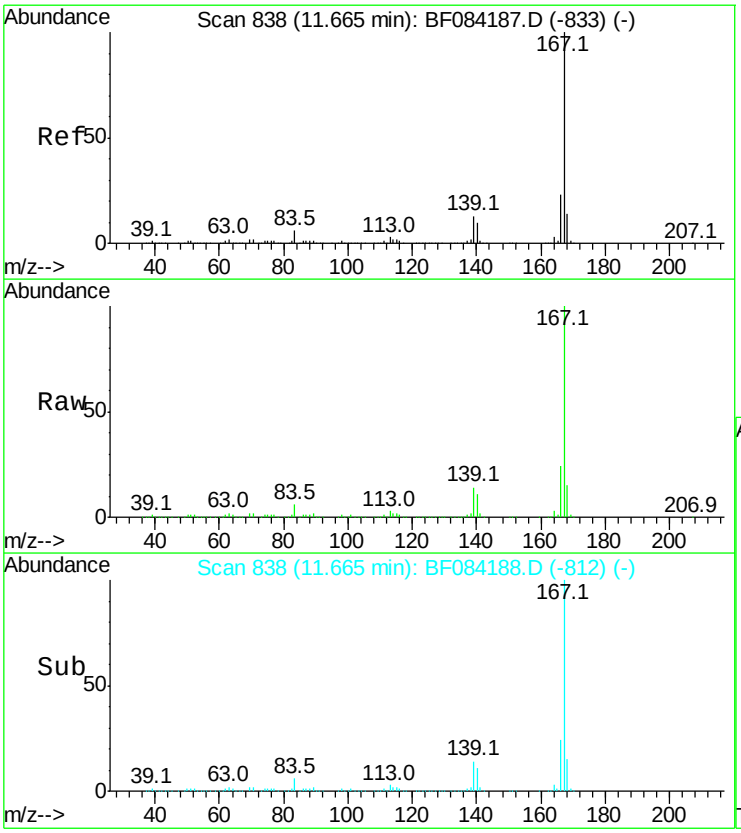
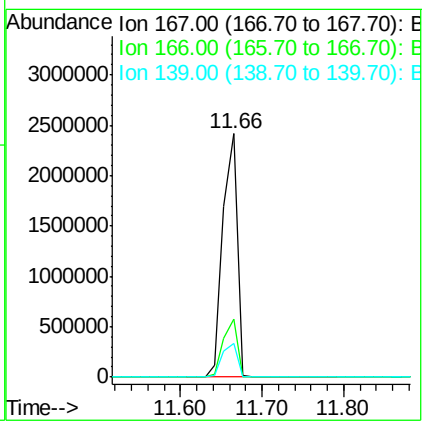
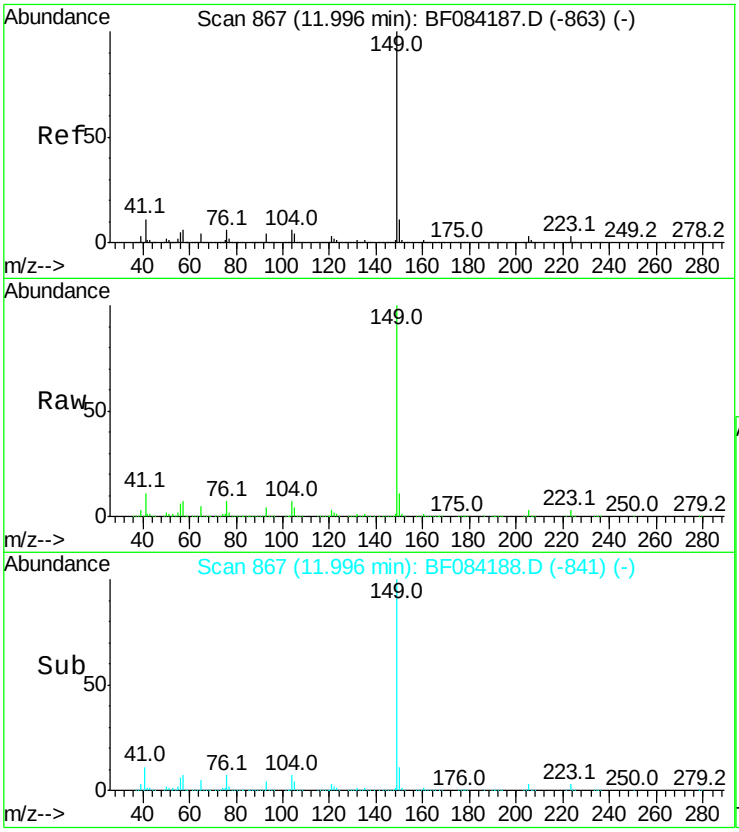



#72
Carbazole
Concen: 44.60 ng
RT: 11.66 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:167 Resp: 2921231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 24.0 | 17.6 | 26.4 |
| 139 | 14.0 | 11.8 | 17.8 |

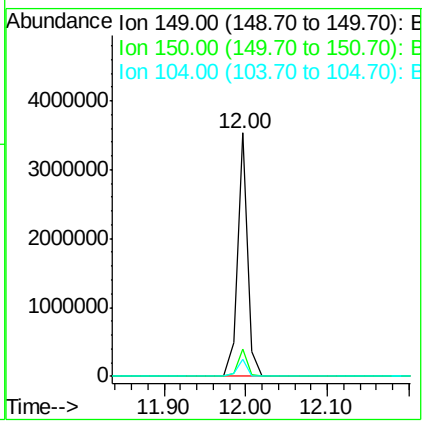





#73
Di-n-butylphthalate
Concen: 38.54 ng
RT: 12.00 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:149 Resp: 3016376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 11.2 | 7.1 | 10.7# |
| 104 | 7.0 | 3.2 | 4.8# |




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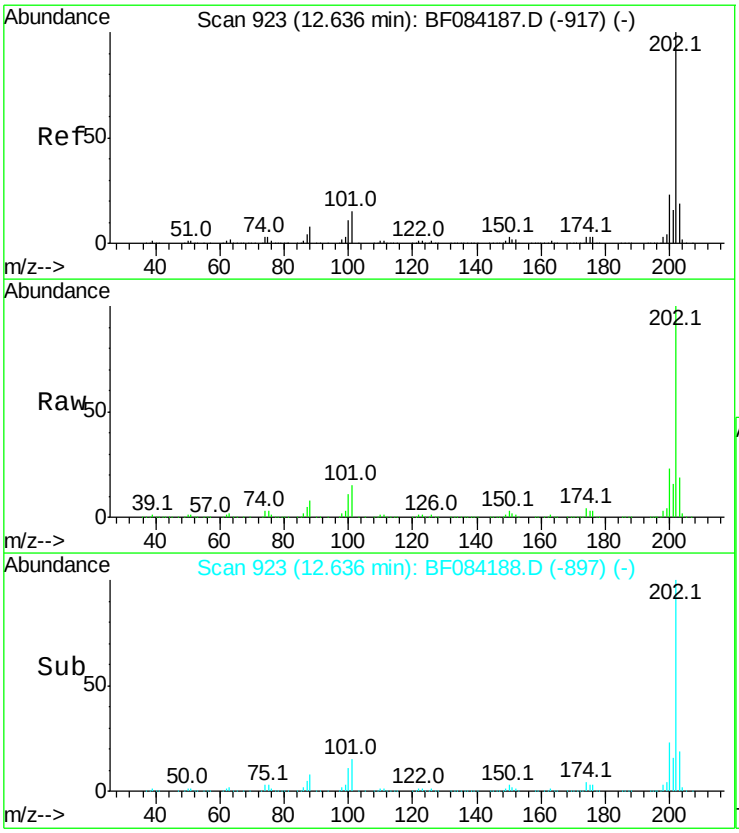
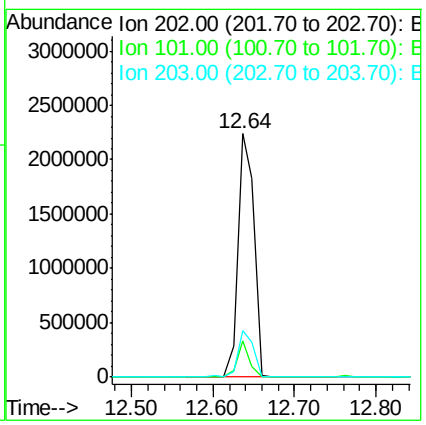
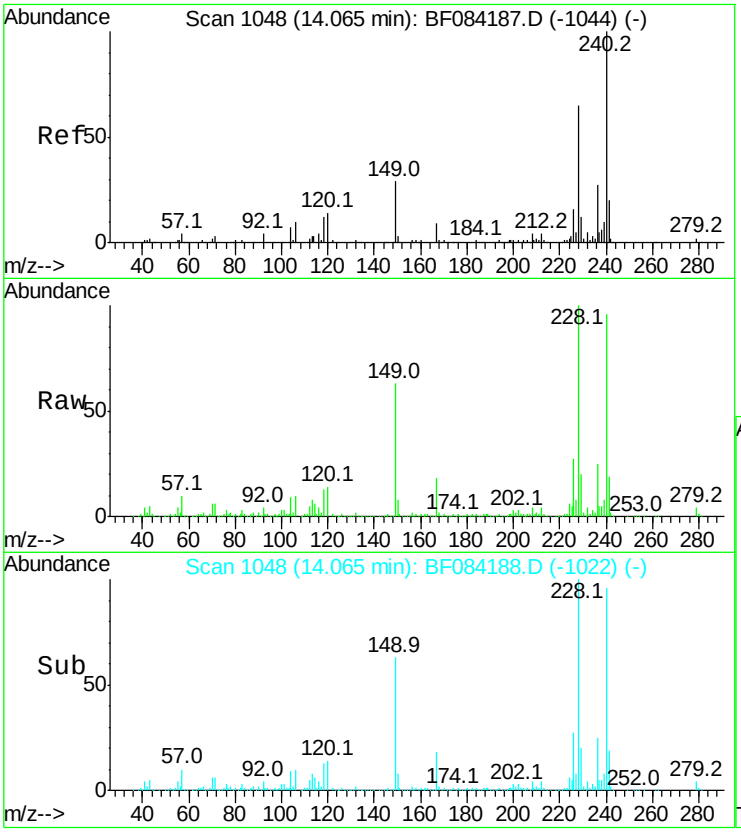



#74
Fluoranthene
Concen: 42.26 ng
RT: 12.64 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:202 Resp: 3011032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.7 | 0.0 | 32.8 |
| 203 | 19.3 | 0.0 | 37.9 |

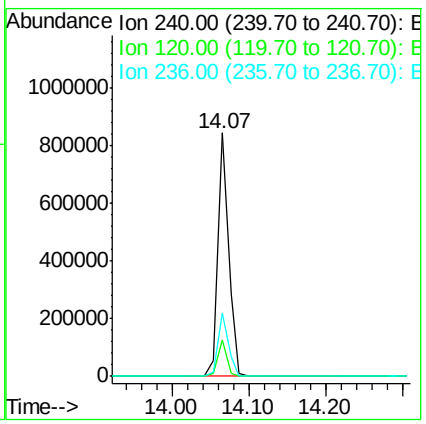





#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:240 Resp: 825364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 15.1 | 9.5 | 14.3# |
| 236 | 25.7 | 20.6 | 31.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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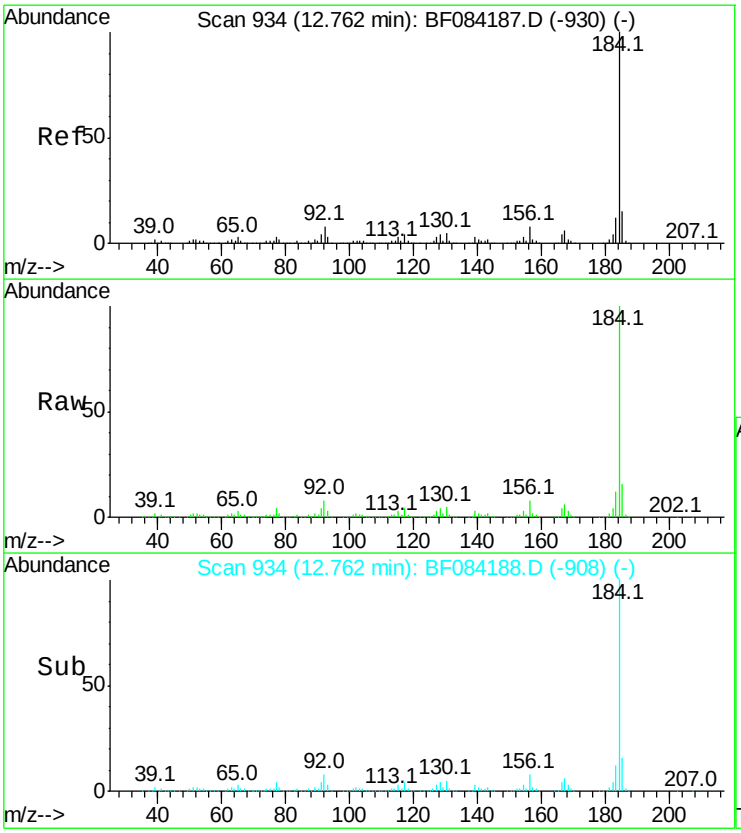
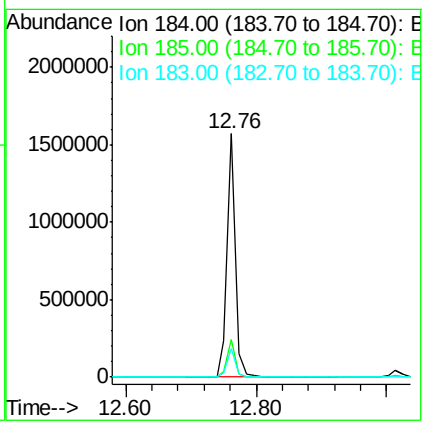
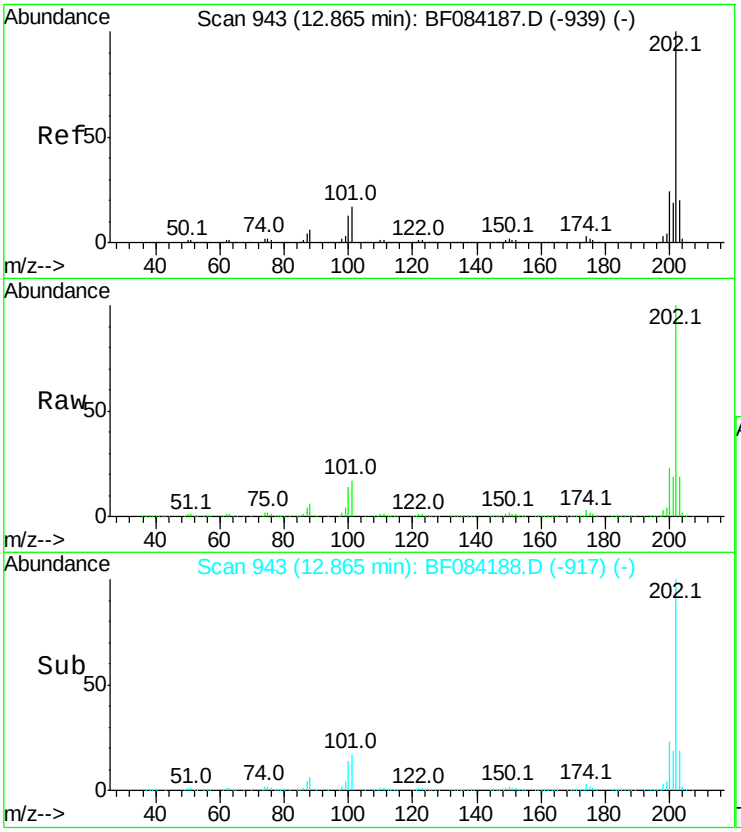



#76
Benzidine
Concen: 43.25 ng
RT: 12.76 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:184 Resp: 1377686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.7 | 12.2 | 18.2 |
| 183 | 11.7 | 9.8 | 14.8 |

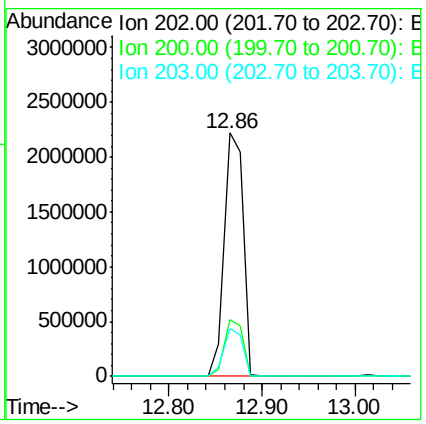





#77
Pyrene
Concen: 49.76 ng
RT: 12.86 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:202 Resp: 3156281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 23.3 | 17.2 | 25.8 |
| 203 | 19.4 | 14.3 | 21.5 |




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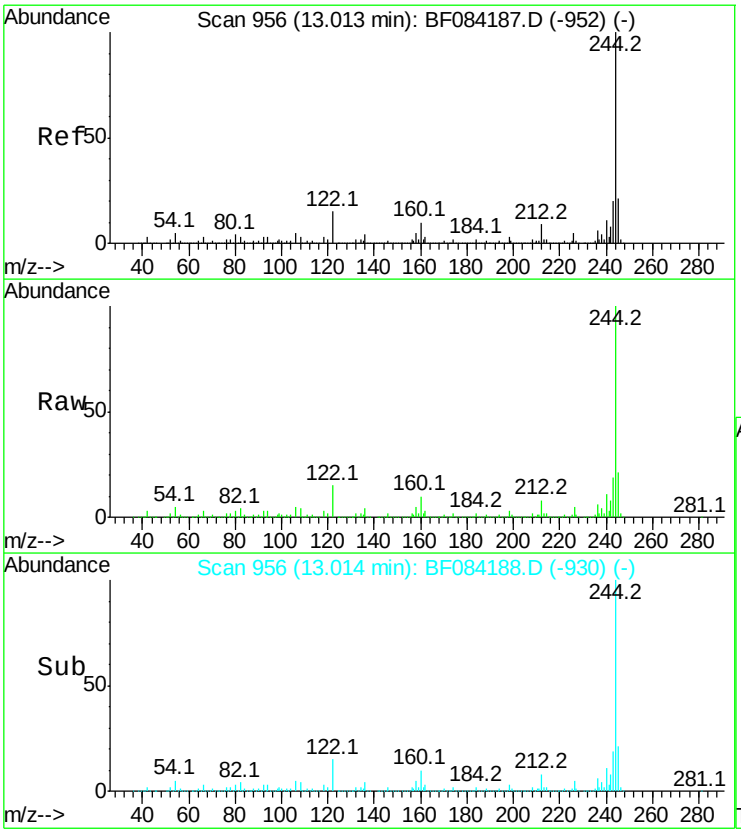
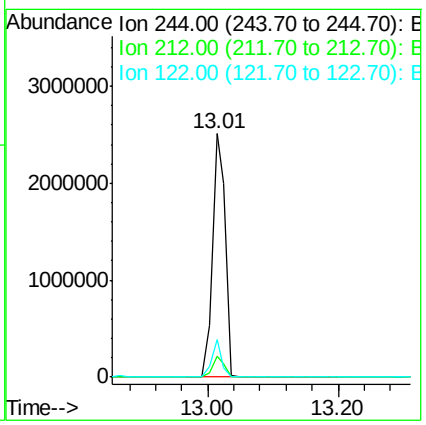
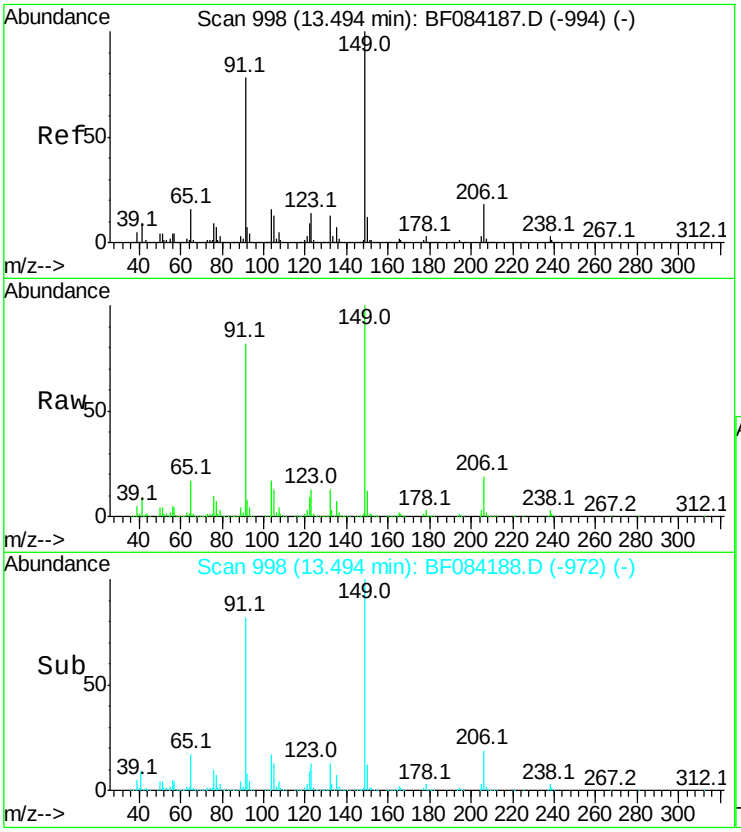



#78
Terphenyl-d14
Concen: 46.61 ng
RT: 13.01 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:244 Resp: 3483908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.5 | 5.7 | 8.5 |
| 122 | 15.2 | 7.4 | 11.0# |

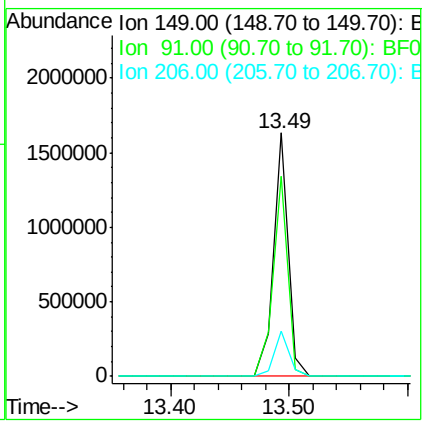





#79
Butylbenzylphthalate
Concen: 50.85 ng
RT: 13.49 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:149 Resp: 1404713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 81.9 | 57.6 | 86.4 |
| 206 | 18.6 | 13.2 | 19.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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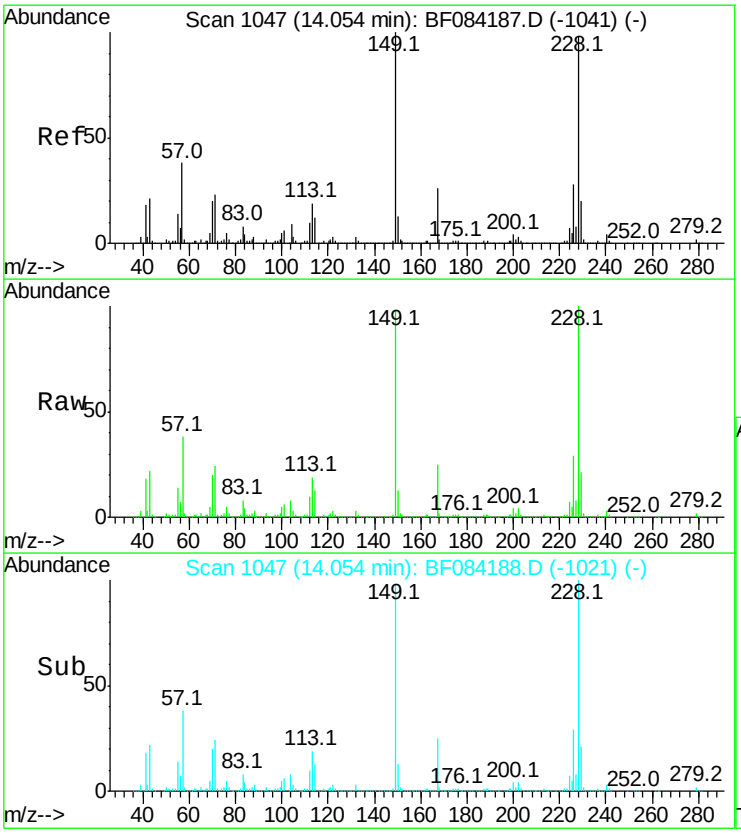
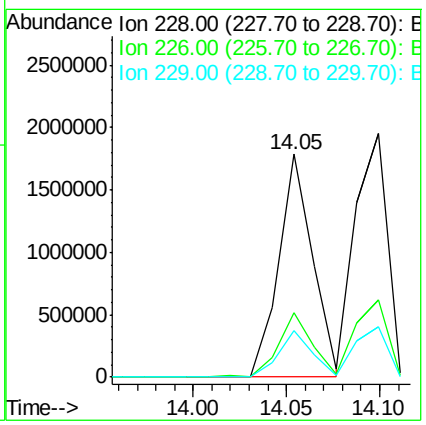
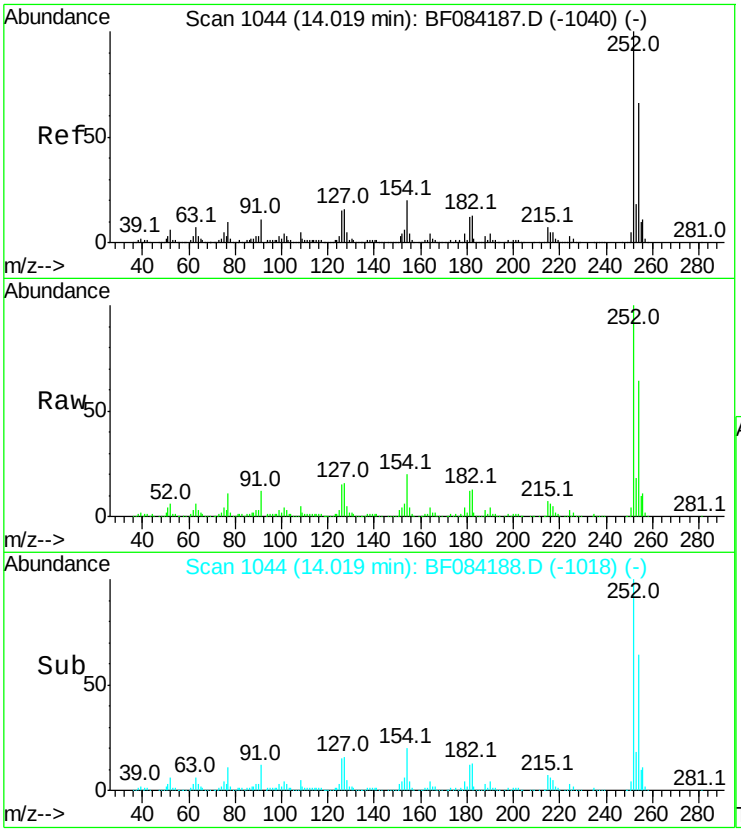



#80
Benzo(a)anthracene
Concen: 44.97 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:228 Resp: 2263075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.0 | 21.8 | 32.6 |
| 229 | 21.1 | 15.8 | 23.8 |






#81
3,3'-Dichlorobenzidine
Concen: 49.68 ng
RT: 14.02 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:252 Resp: 833564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.6 | 53.5 | 80.3 |
| 126 | 15.5 | 4.9 | 7.3# |

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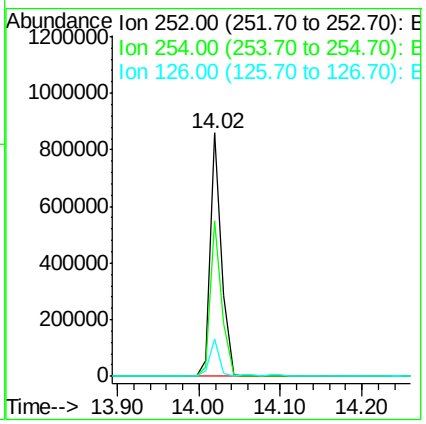
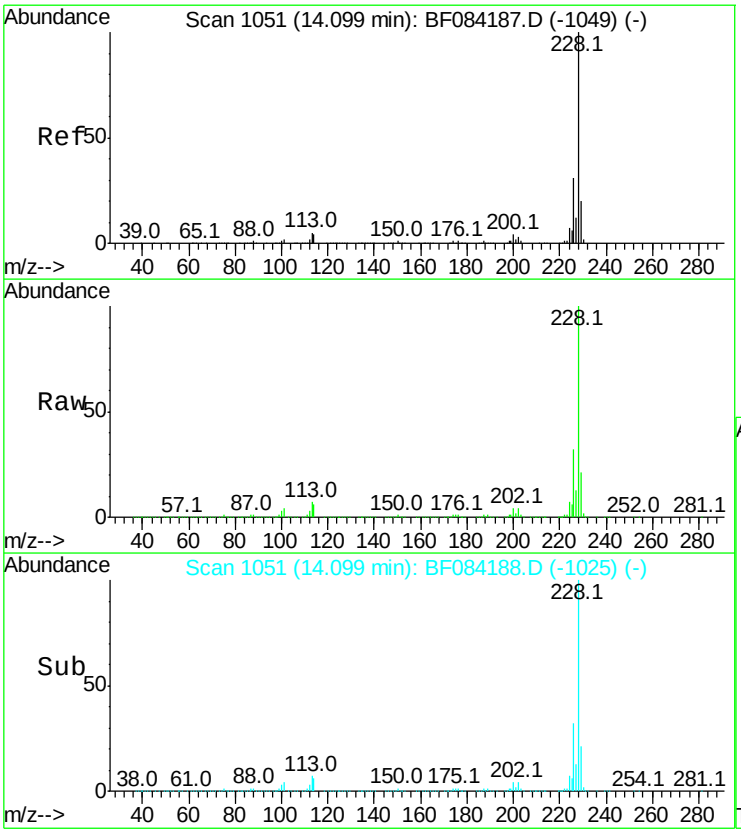
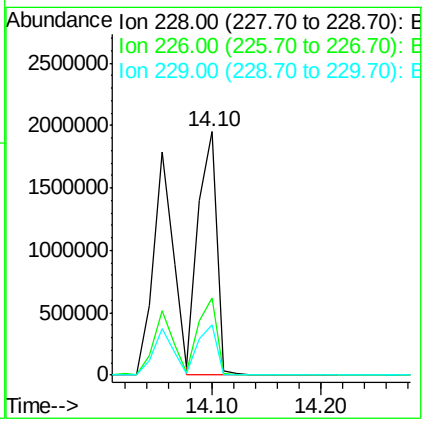


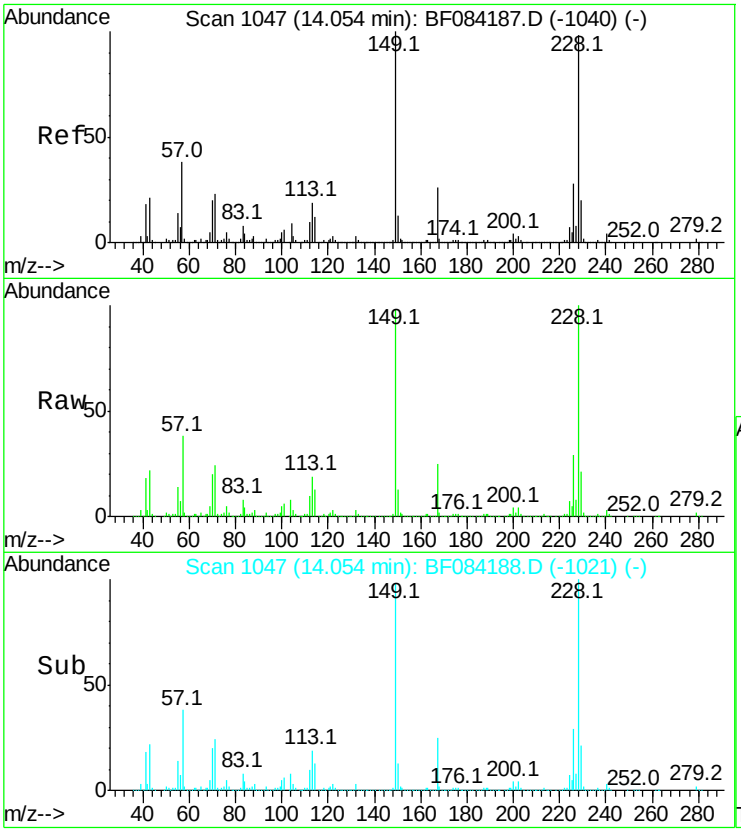




#82
Chrysene
Concen: 51.19 ng
RT: 14.10 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:228 Resp: 2342023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.9 | 24.3 | 36.5 |
| 229 | 20.6 | 16.1 | 24.1 |

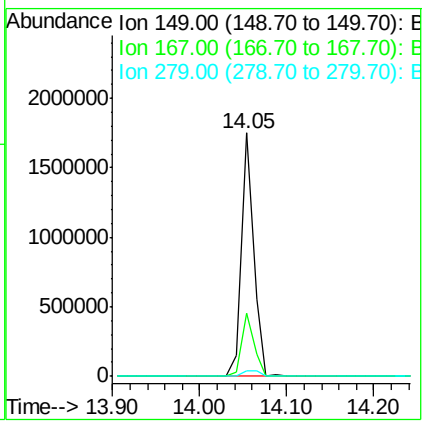





#83
Bis(2-ethylhexyl)phthalate
Concen: 46.71 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:149 Resp: 1704190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 25.8 | 19.7 | 29.5 |
| 279 | 2.3 | 1.8 | 2.6 |




**Instrument :**
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**ClientSampleId :**
SSTDICC050

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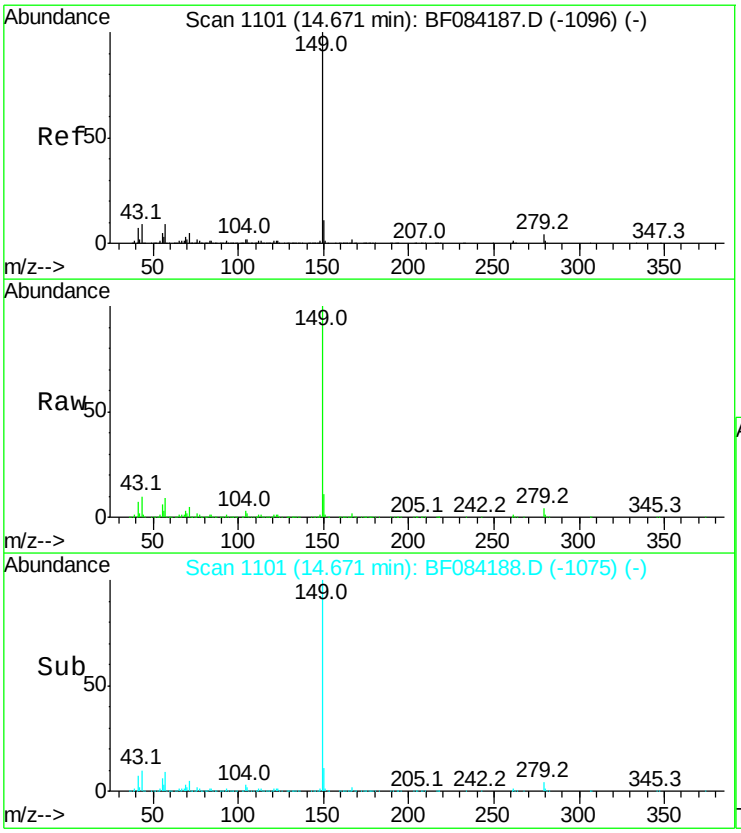
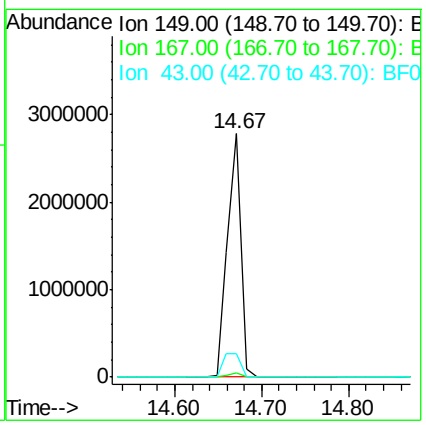
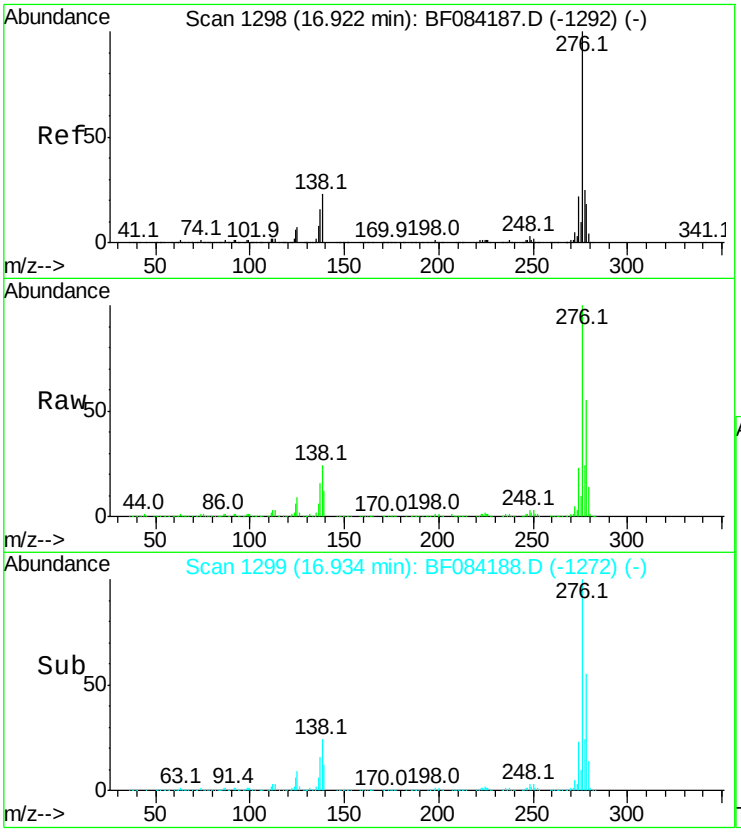



#84
Di-n-octyl phthalate
Concen: 49.50 ng
RT: 14.67 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:149 Resp: 2980050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 13.0 | 5.6 | 8.4# |

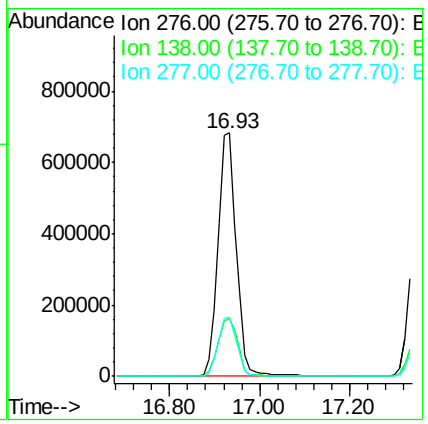





#85
Indeno(1,2,3-cd)pyrene
Concen: 55.35 ng
RT: 16.93 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:276 Resp: 1941870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 25.9 | 20.6 | 30.8 |
| 277 | 25.0 | 20.1 | 30.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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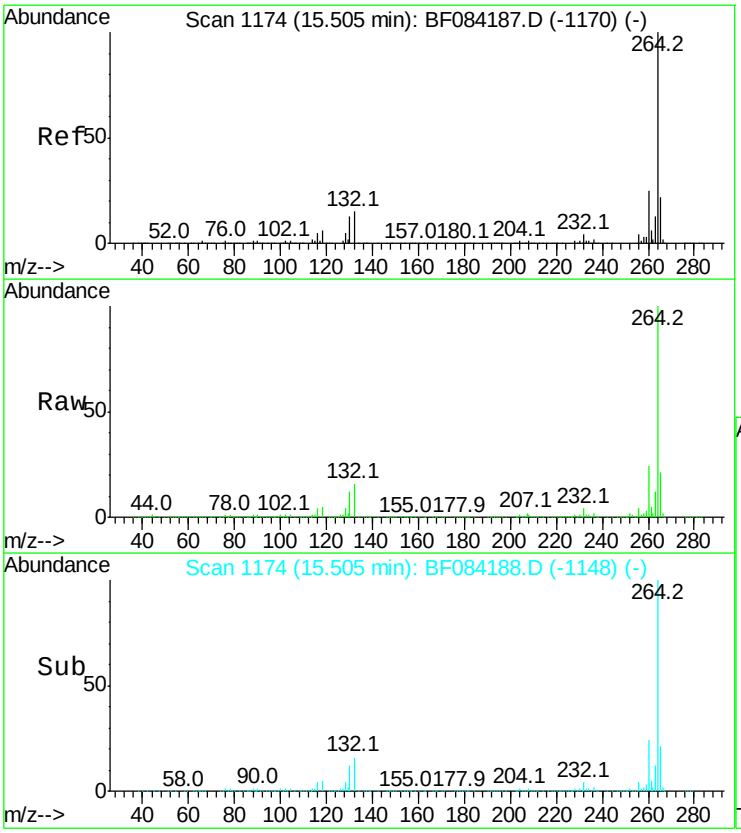
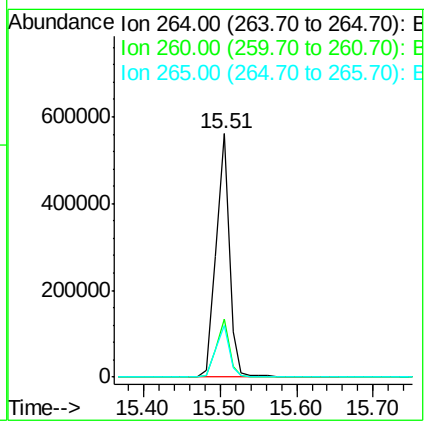
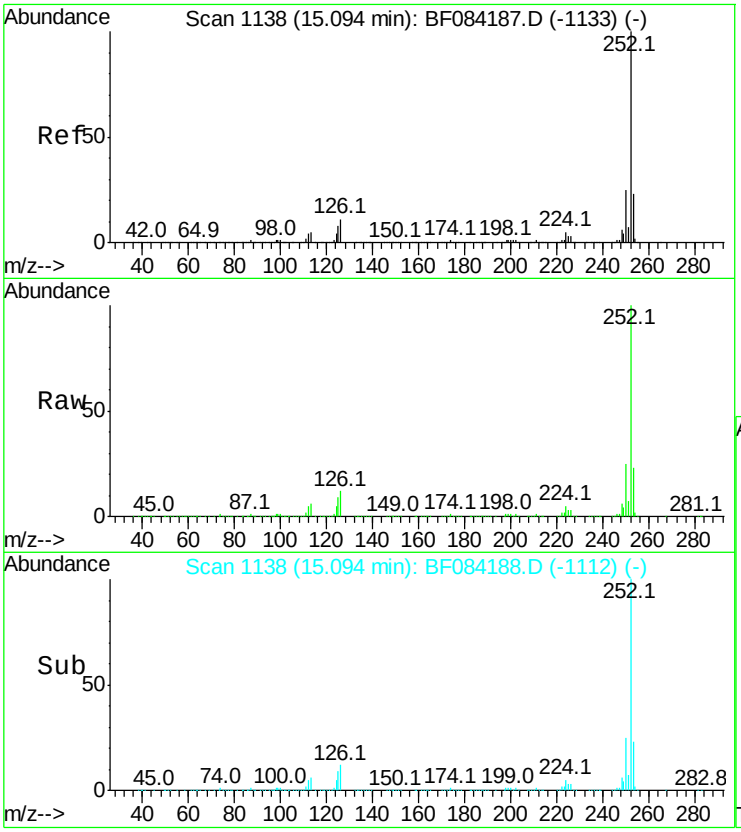



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:264 Resp: 676401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.6 | 19.4 | 29.2 |
| 265 | 21.2 | 17.8 | 26.6 |

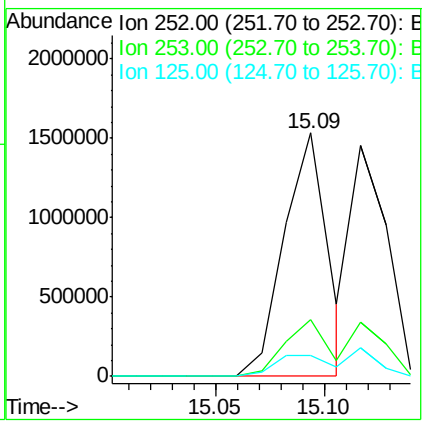





#87
Benzo(b)fluoranthene
Concen: 45.13 ng
RT: 15.09 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:252 Resp: 2128955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.3 | 17.3 | 25.9 |
| 125 | 8.7 | 6.5 | 9.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

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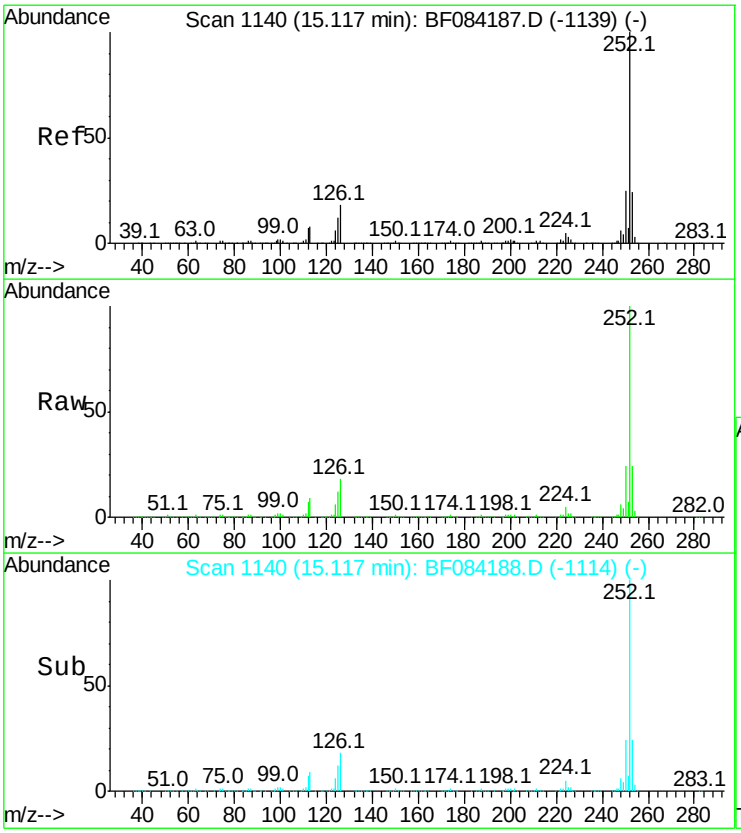
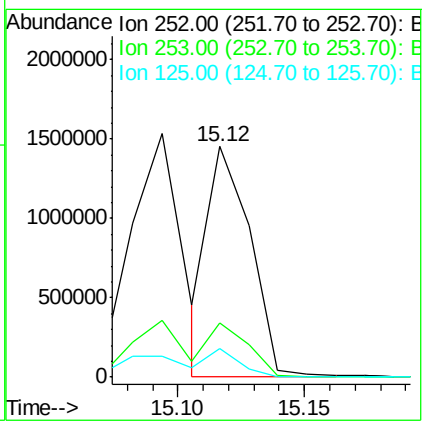
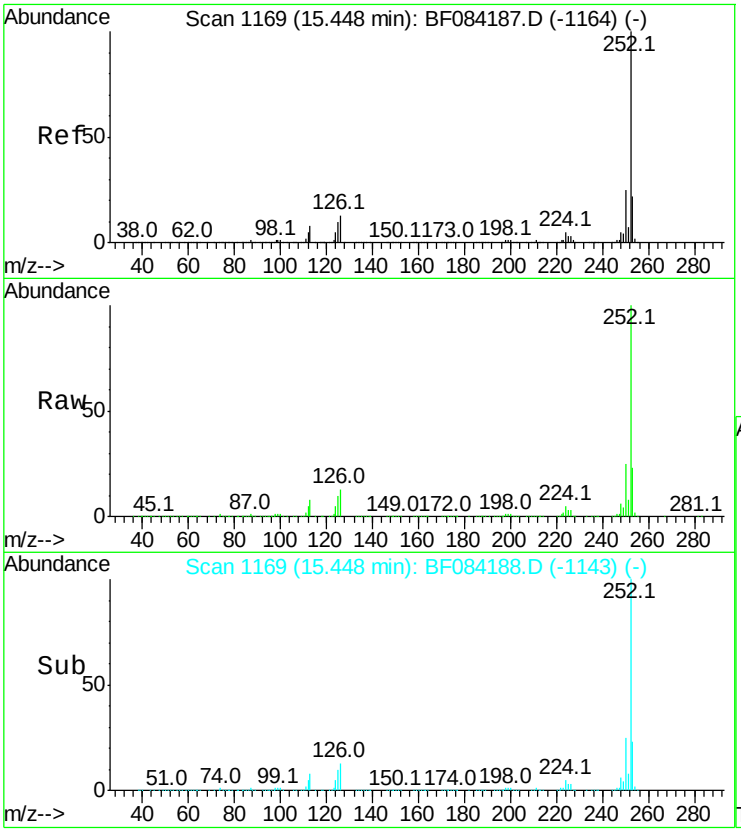



#88
Benzo(k)fluoranthene
Concen: 45.82 ng m
RT: 15.12 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:252 Resp: 1705220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.5 | 18.1 | 27.1 |
| 125 | 12.4 | 9.0 | 13.6 |

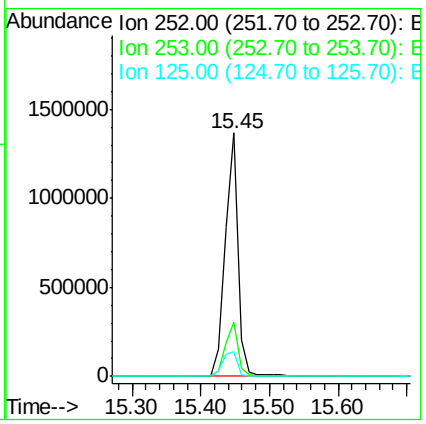





#89
Benzo(a)pyrene
Concen: 46.58 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:252 Resp: 1811086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 17.3 | 25.9 |
| 125 | 10.1 | 7.0 | 10.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**
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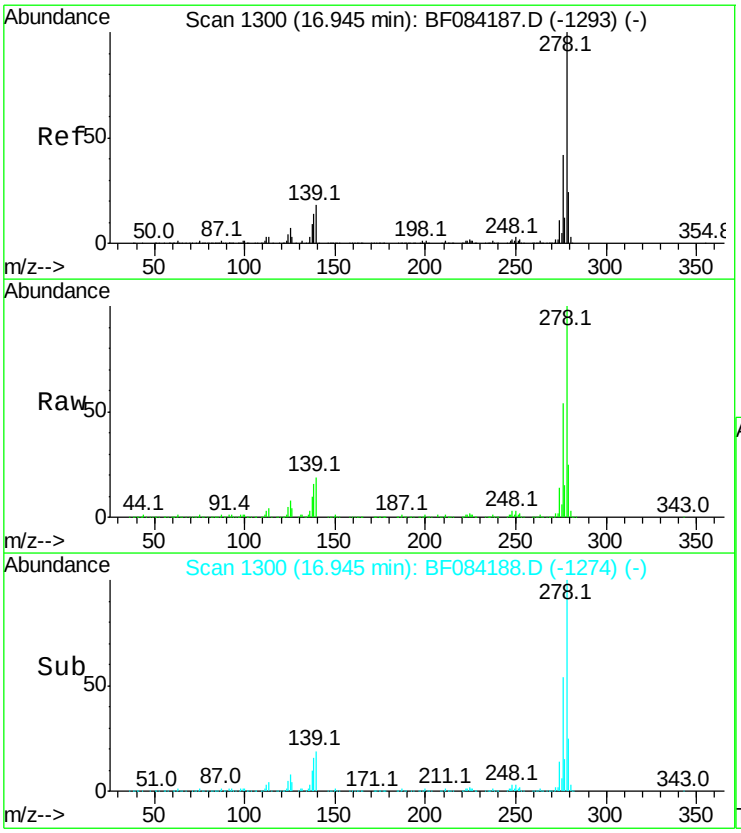
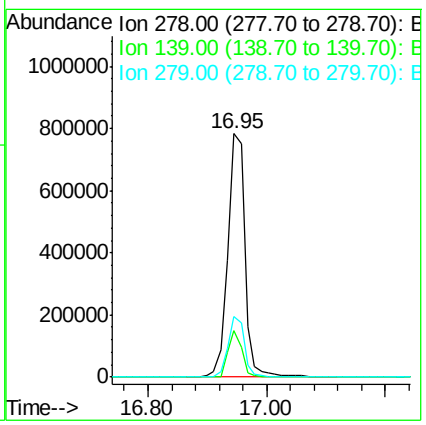
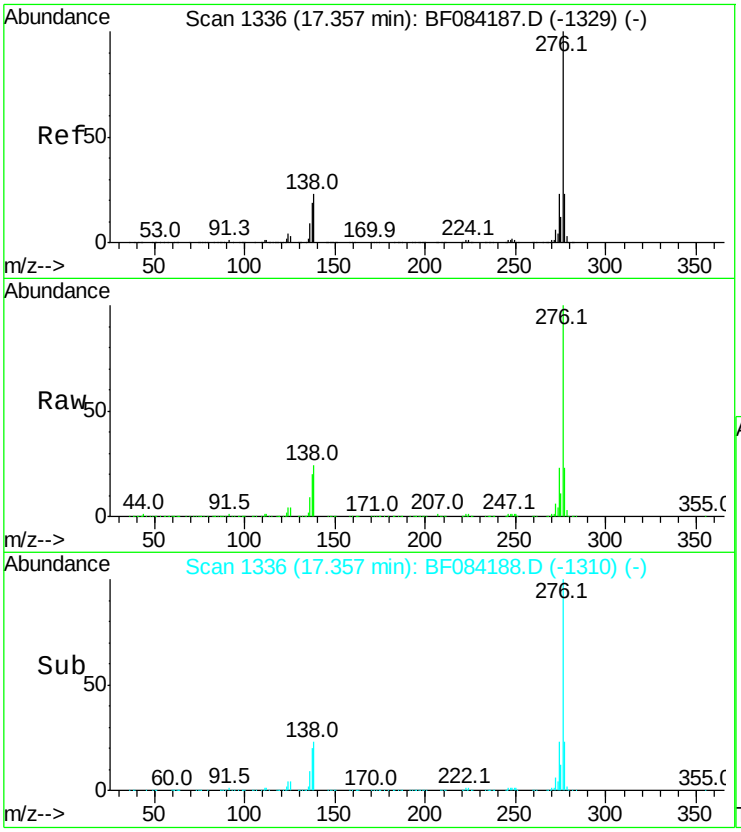



#90
Dibenzo(a,h)anthracene
Concen: 49.54 ng
RT: 16.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:278 Resp: 1571994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 18.9 | 15.0 | 22.4 |
| 279 | 24.9 | 18.9 | 28.3 |

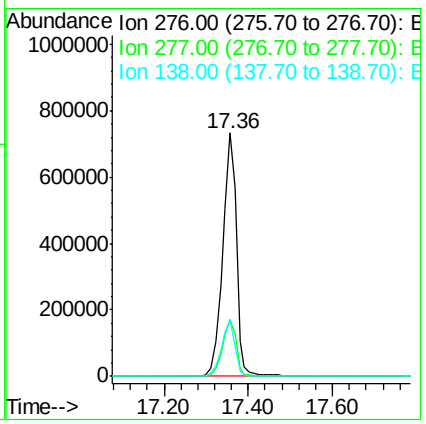





#91
Benzo(g,h,i)perylene
Concen: 51.05 ng
RT: 17.36 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF084188.D
Acq: 31 Dec 2015 11:10

Tgt Ion:276 Resp: 1640004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.3 | 18.8 | 28.2 |
| 138 | 23.5 | 17.8 | 26.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**
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