Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033015\
Data File : BF078084.D
Acq On : 30 Mar 2015 16:28
Operator : TP/IZ
Sample : PB82403BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB82403BS

**Manual Integrations APPROVED**
apatel
3/31/2015 2:16:58 PM

Quant Time: Mar 31 01:48:39 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 31 01:02:18 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.06 | 152 | 33238 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.64 | 136 | 137809 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.81 | 164 | 65363 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 12.65 | 188 | 133700 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 15.94 | 240 | 141352 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 17.71 | 264 | 138614 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.36 | 112 | 262233 | 137.71 | ng | | 0.01 |
| 7) Phenol-d6 | 6.65 | 99 | 318117 | 135.22 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.76 | 82 | 178752 | 85.03 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 11.79 | 330 | 80721 | 129.08 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.98 | 172 | 400880 | 90.13 | ng | | 0.00 |
| 78) Terphenyl-d14 | 14.65 | 244 | 478772 | 82.74 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 1.93 | 88 | 33107 | 38.29 | ng | # | 100 |
| 3) Pyridine | 2.58 | 79 | 100903 | 43.44 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 2.52 | 42 | 38663m | 38.23 | ng | | |
| 6) Aniline | 6.65 | 93 | 66428 | 19.74 | ng | # | 72 |
| 8) 2-Chlorophenol | 6.80 | 128 | 105097 | 46.37 | ng | | 99 |
| 9) Benzaldehyde | 6.51 | 77 | 3017 | 3.13 | ng | | 97 |
| 10) Phenol | 6.67 | 94 | 127837 | 45.97 | ng | # | 69 |
| 11) bis(2-Chloroethyl)ether | 6.76 | 93 | 97068 | 46.60 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.98 | 146 | 107977 | 42.83 | ng | # | 96 |
| 13) 1,4-Dichlorobenzene | 7.08 | 146 | 111806 | 42.68 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 7.26 | 146 | 106146 | 44.20 | ng | | 96 |
| 15) Benzyl Alcohol | 7.25 | 79 | 79408 | 43.24 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.44 | 45 | 122601 | 43.67 | ng | | 99 |
| 17) 2-Methylphenol | 7.41 | 107 | 84176 | 45.62 | ng | | 97 |
| 18) Hexachloroethane | 7.68 | 117 | 36499 | 42.49 | ng | # | 90 |
| 19) n-Nitroso-di-n-propylamine | 7.58 | 70 | 67533 | 41.49 | ng | | 97 |
| 20) 3+4-Methylphenols | 7.61 | 107 | 107096 | 44.23 | ng | | 95 |
| 22) Acetophenone | 7.57 | 105 | 140562 | 46.07 | ng | # | 98 |
| 24) Nitrobenzene | 7.78 | 77 | 97478 | 43.04 | ng | | 97 |
| 25) Isophorone | 8.09 | 82 | 176178 | 41.50 | ng | | 97 |
| 26) 2-Nitrophenol | 8.18 | 139 | 47527 | 42.86 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 8.26 | 122 | 87920 | 43.52 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 8.37 | 93 | 110692 | 42.95 | ng | # | 96 |
| 29) 2,4-Dichlorophenol | 8.48 | 162 | 84292 | 43.78 | ng | | 92 |
| 30) 1,2,4-Trichlorobenzene | 8.57 | 180 | 86152 | 39.99 | ng | # | 95 |
| 31) Naphthalene | 8.66 | 128 | 289814 | 40.95 | ng | | 99 |
| 32) Benzoic acid | 8.37 | 122 | 43266 | 39.02 | ng | | 97 |
| 33) 4-Chloroaniline | 8.75 | 127 | 55780 | 19.42 | ng | | 96 |
| 34) Hexachlorobutadiene | 8.82 | 225 | 49148 | 40.25 | ng | | 98 |
| 35) Caprolactam | 9.17 | 113 | 25697 | 45.66 | ng | # | 79 |
| 36) 4-Chloro-3-methylphenol | 9.37 | 107 | 90321 | 46.62 | ng | | 88 |
| 37) 2-Methylnaphthalene | 9.53 | 142 | 203772 | 42.86 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.73 | 216 | 84497 | 43.34 | ng | # | 100 |
| 40) Hexachlorocyclopentadiene | 9.71 | 237 | 82033 | 83.89 | ng | | 98 |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033015\
Data File : BF078084.D
Acq On : 30 Mar 2015 16:28
Operator : TP/IZ
Sample : PB82403BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB82403BS

**Manual Integrations APPROVED**
apatel
3/31/2015 2:16:58 PM

Quant Time: Mar 31 01:48:39 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 31 01:02:18 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.88 | 196 | 60113 | 44.51 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 9.94 | 196 | 62748 | 43.01 | ng | | 96 |
| 45) 1,1'-Biphenyl | 10.11 | 154 | 238831 | 45.71 | ng | | 98 |
| 46) 2-Chloronaphthalene | 10.12 | 162 | 191321 | 45.06 | ng | | 93 |
| 47) 2-Nitroaniline | 10.26 | 65 | 47112 | 44.67 | ng | | 85 |
| 48) Acenaphthylene | 10.64 | 152 | 303386 | 42.97 | ng | | 99 |
| 49) Dimethylphthalate | 10.50 | 163 | 219256 | 45.23 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 10.57 | 165 | 47188 | 46.96 | ng | # | 86 |
| 51) Acenaphthene | 10.84 | 154 | 170513 | 42.12 | ng | | 97 |
| 52) 3-Nitroaniline | 10.77 | 138 | 32217 | 27.61 | ng | | 86 |
| 53) 2,4-Dinitrophenol | 10.91 | 184 | 30072 | 81.31 | ng | # | 79 |
| 54) Dibenzofuran | 11.06 | 168 | 265947 | 44.29 | ng | | 92 |
| 55) 4-Nitrophenol | 11.01 | 139 | 74918 | 86.66 | ng | # | 79 |
| 56) 2,4-Dinitrotoluene | 11.07 | 165 | 65726 | 50.16 | ng | # | 64 |
| 57) Fluorene | 11.48 | 166 | 220932 | 44.31 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 11.22 | 232 | 48517 | 43.19 | ng | # | 100 |
| 59) Diethylphthalate | 11.38 | 149 | 215393 | 45.60 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 11.51 | 204 | 100823 | 44.31 | ng | | 93 |
| 61) 4-Nitroaniline | 11.53 | 138 | 48251 | 41.48 | ng | | 80 |
| 62) Azobenzene | 11.70 | 77 | 223761 | 49.56 | ng | | 95 |
| 64) 4,6-Dinitro-2-methylphenol | 11.57 | 198 | 22078 | 36.14 | ng | # | 68 |
| 65) n-Nitrosodiphenylamine | 11.65 | 169 | 196267 | 44.09 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 12.11 | 248 | 59684 | 41.83 | ng | | 94 |
| 67) Hexachlorobenzene | 12.16 | 284 | 64229 | 40.97 | ng | # | 85 |
| 68) Atrazine | 12.33 | 200 | 55506 | 44.49 | ng | | 96 |
| 69) Pentachlorophenol | 12.42 | 266 | 55395 | 67.94 | ng | | 98 |
| 70) Phenanthrene | 12.67 | 178 | 323313 | 42.12 | ng | | 99 |
| 71) Anthracene | 12.74 | 178 | 330906 | 43.64 | ng | | 99 |
| 72) Carbazole | 12.96 | 167 | 315365 | 43.72 | ng | | 98 |
| 73) Di-n-butylphthalate | 13.41 | 149 | 344887 | 42.64 | ng | | 98 |
| 74) Fluoranthene | 14.15 | 202 | 358172 | 42.31 | ng | | 95 |
| 76) Benzidine | 14.34 | 184 | 150218 | 43.00 | ng | | 100 |
| 77) Pyrene | 14.43 | 202 | 385184 | 43.33 | ng | | 99 |
| 79) Butylbenzylphthalate | 15.27 | 149 | 151943 | 43.36 | ng | # | 78 |
| 80) Benzo(a)anthracene | 15.93 | 228 | 353266 | 42.16 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 15.92 | 252 | 69636 | 25.19 | ng | | 97 |
| 82) Chrysene | 15.97 | 228 | 345720 | 45.89 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 16.01 | 149 | 226787 | 42.72 | ng | | 98 |
| 84) Di-n-octyl phthalate | 16.82 | 149 | 380670 | 41.94 | ng | | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 19.07 | 276 | 392615 | 41.75 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 17.25 | 252 | 404210 | 44.67 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 17.29 | 252 | 276675 | 39.14 | ng | | 98 |
| 89) Benzo(a)pyrene | 17.64 | 252 | 333104 | 44.12 | ng | # | 96 |
| 90) Dibenzo(a,h)anthracene | 19.09 | 278 | 321196 | 42.89 | ng | # | 96 |
| 91) Benzo(g,h,i)perylene | 19.47 | 276 | 323456 | 42.43 | ng | | 96 |

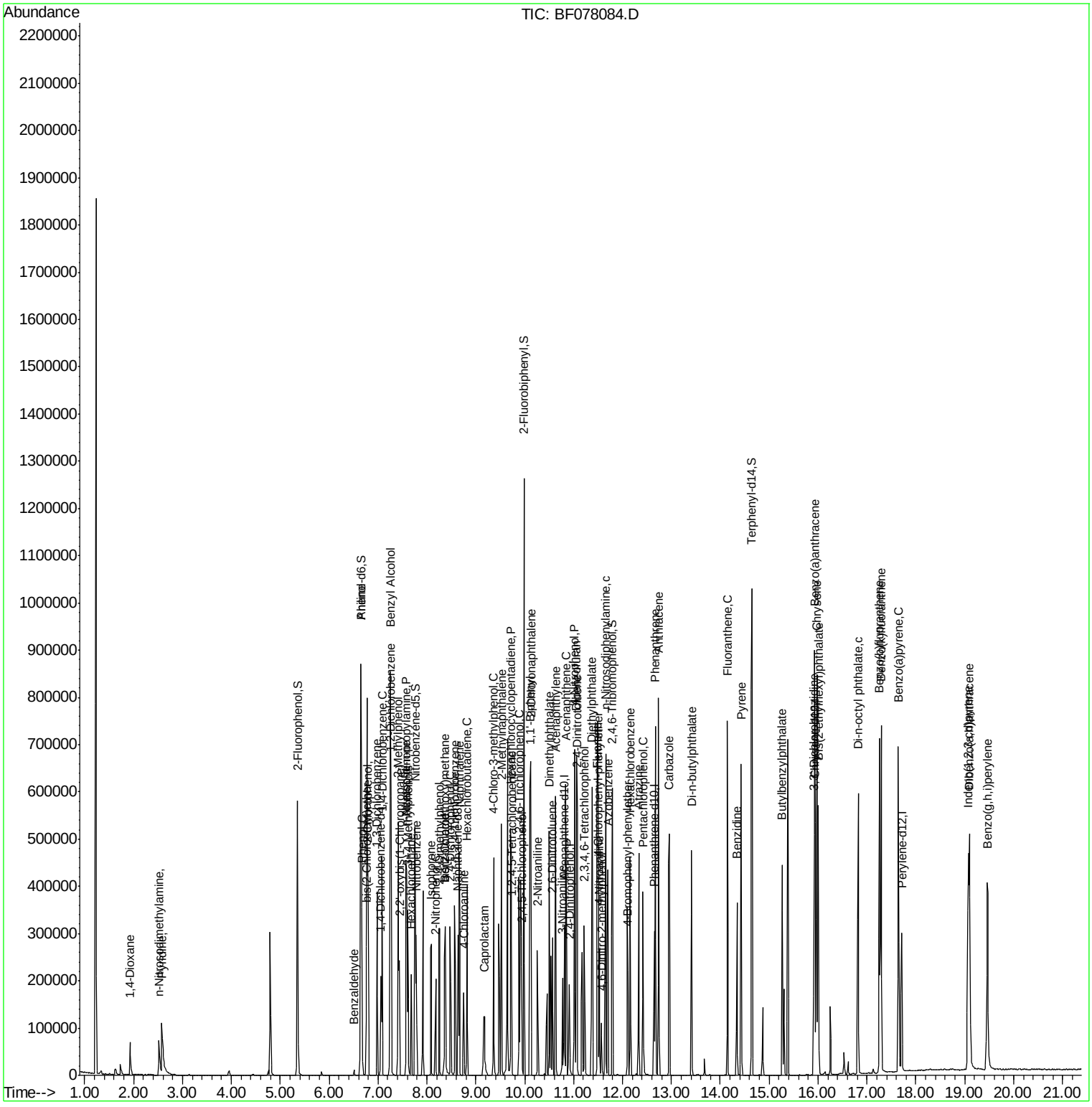
(#) = qualifier out of range (m) = manual integration (+) = signals summed

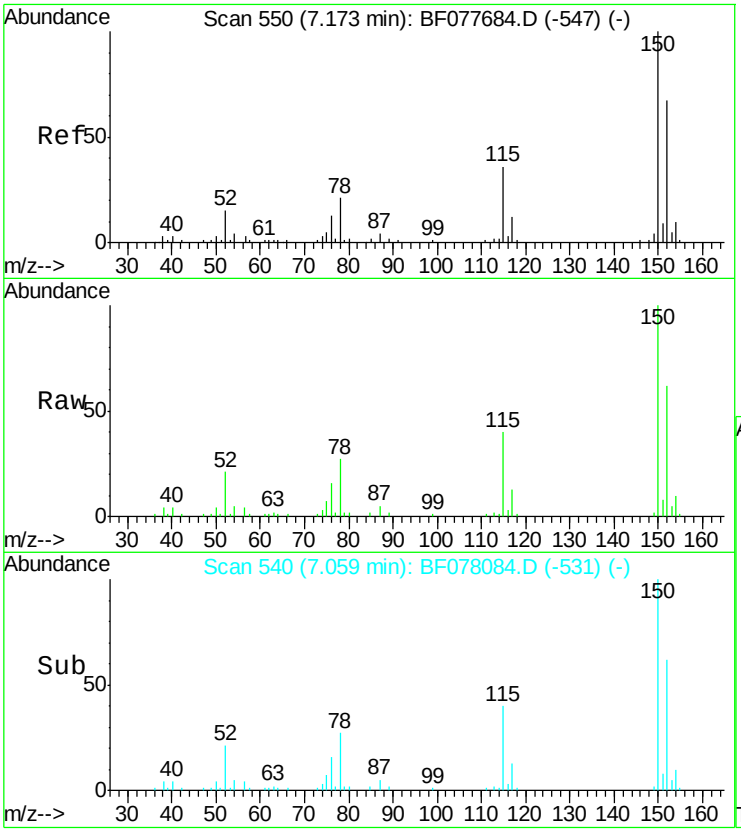
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033015\
Data File : BF078084.D
Acq On : 30 Mar 2015 16:28
Operator : TP/IZ
Sample : PB82403BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 31 01:48:39 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 31 01:02:18 2015
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
PB82403BS

**Manual Integrations APPROVED**
apatel
3/31/2015 2:16:58 PM

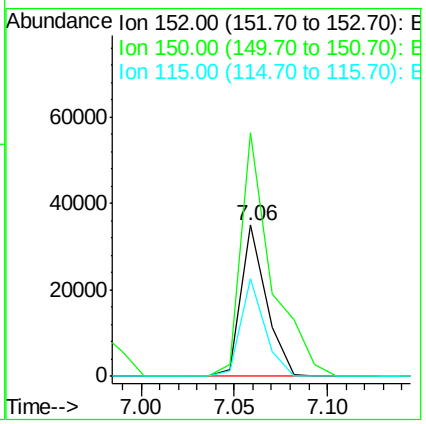





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.06 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

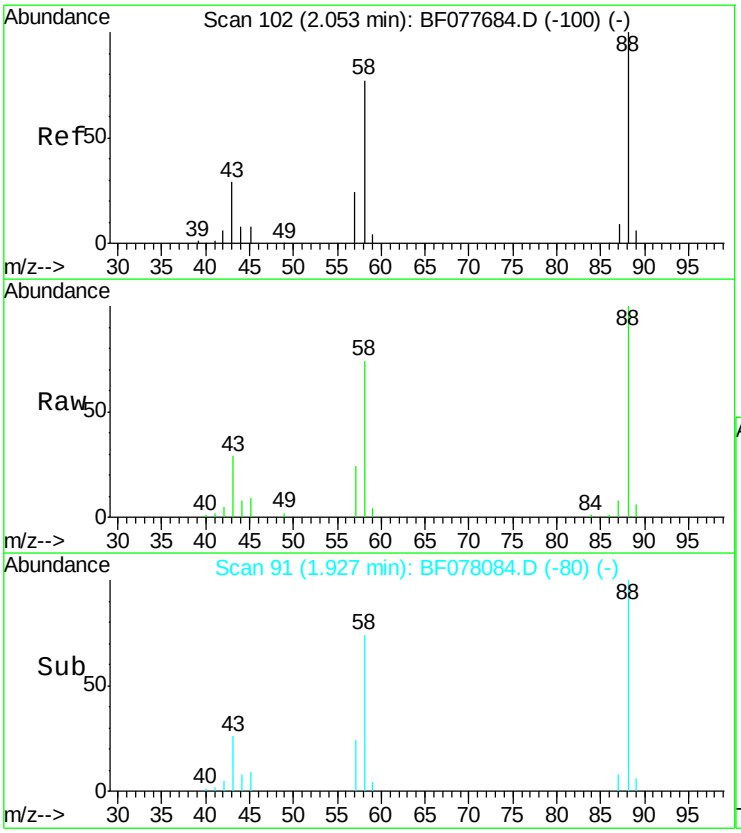
Tgt Ion:152 Resp: 33238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 160.9 | 119.5 | 179.3 |
| 115 | 64.8 | 43.0 | 64.4# |




**Instrument :**
BNA_F
**ClientSampleId :**
PB82403BS

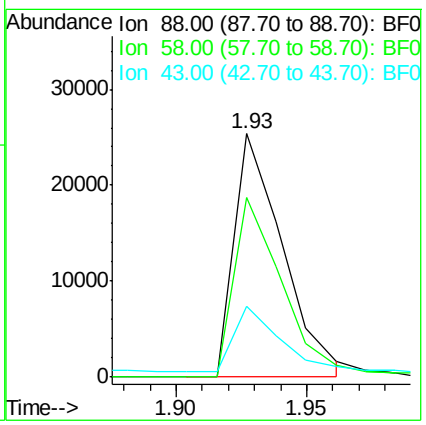
**Manual Integrations APPROVED**
apatel
3/31/2015 2:16:58 PM

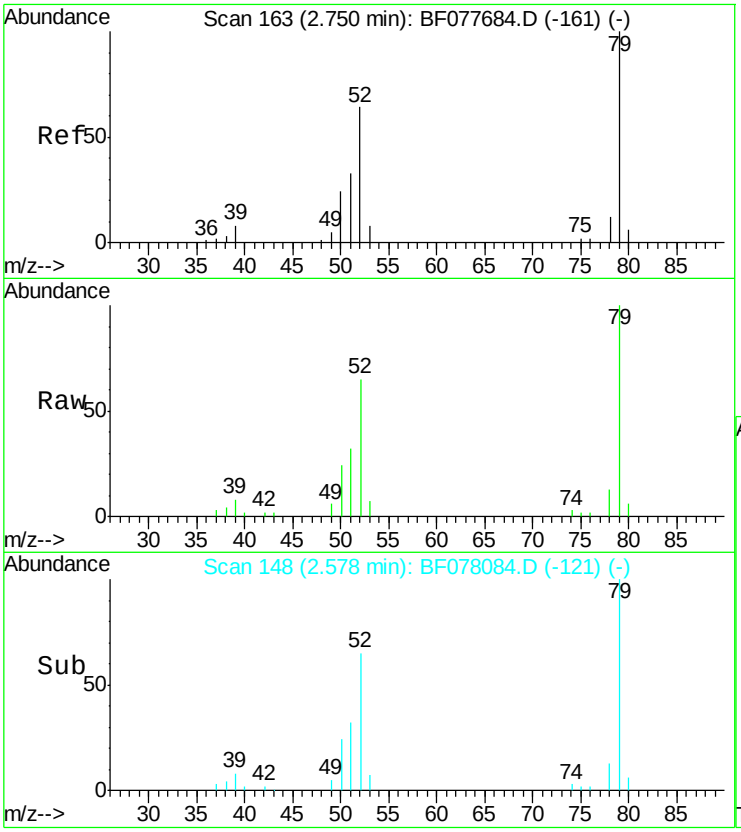



#2
1,4-Dioxane
Concen: 38.29 ng
RT: 1.93 min Scan# 91
Delta R.T. 0.02 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion: 88 Resp: 33107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 72.7 | 0.0 | 0.0# |
| 43 | 25.3 | 0.0 | 0.0# |

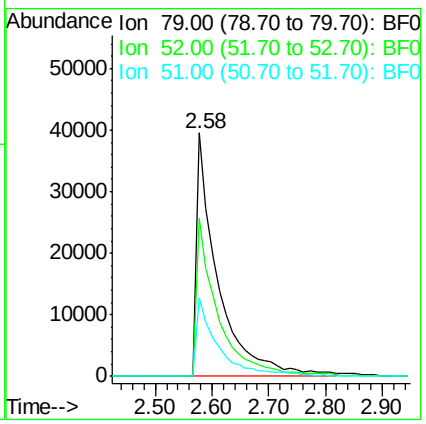





#3
Pyridine
Concen: 43.44 ng
RT: 2.58 min Scan# 148
Delta R.T. 0.01 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion: 79 Resp: 100903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 64.7 | 51.1 | 76.7 |
| 51 | 32.2 | 26.1 | 39.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB82403BS

**Manual Integrations APPROVED**
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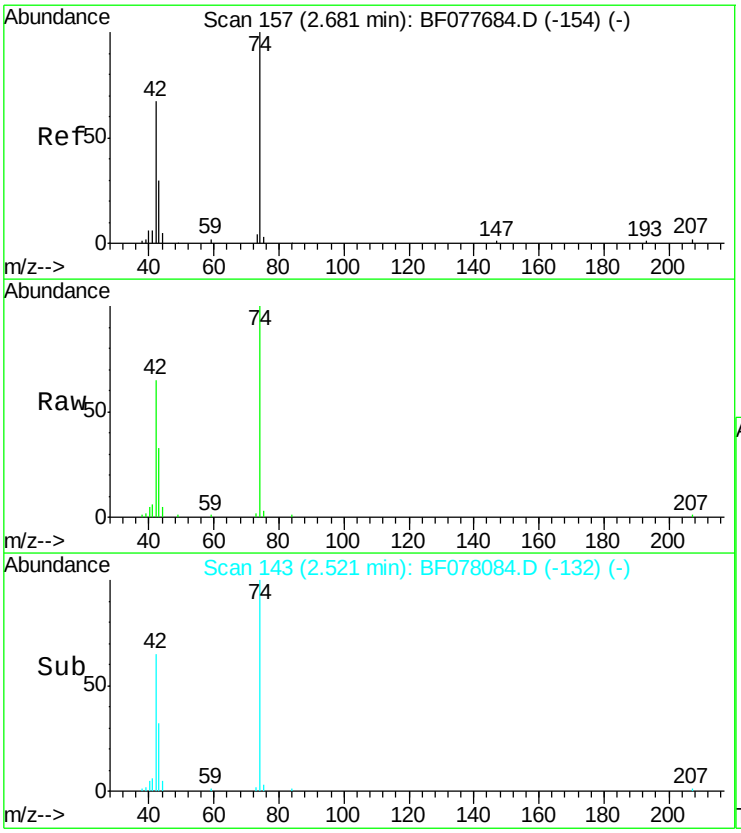
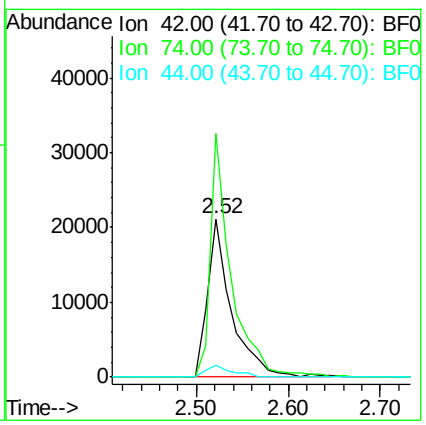
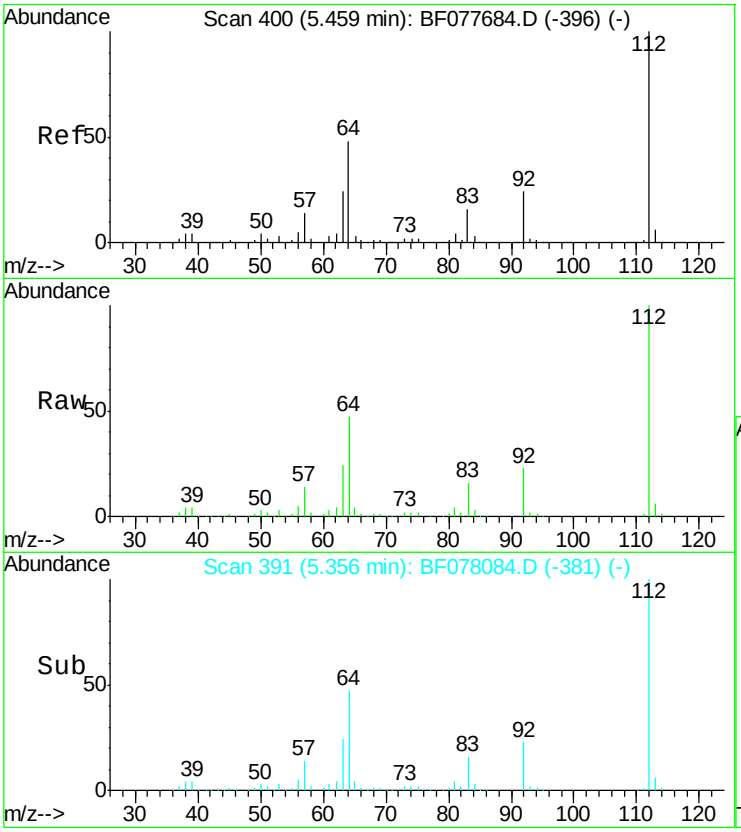



#4
n-Nitrosodimethylamine
Concen: 38.23 ng m
RT: 2.52 min Scan# 143
Delta R.T. 0.02 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion: 42 Resp: 38663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 153.9 | 119.3 | 178.9 |
| 44 | 7.8 | 5.4 | 8.2 |

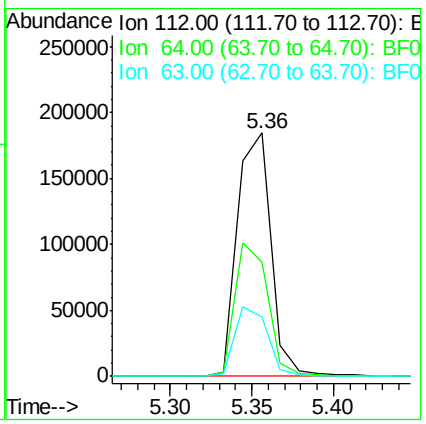





#5
2-Fluorophenol
Concen: 137.71 ng
RT: 5.36 min Scan# 391
Delta R.T. 0.01 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:112 Resp: 262233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 47.1 | 38.6 | 57.8 |
| 63 | 24.2 | 19.3 | 28.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB82403BS

**Manual Integrations APPROVED**
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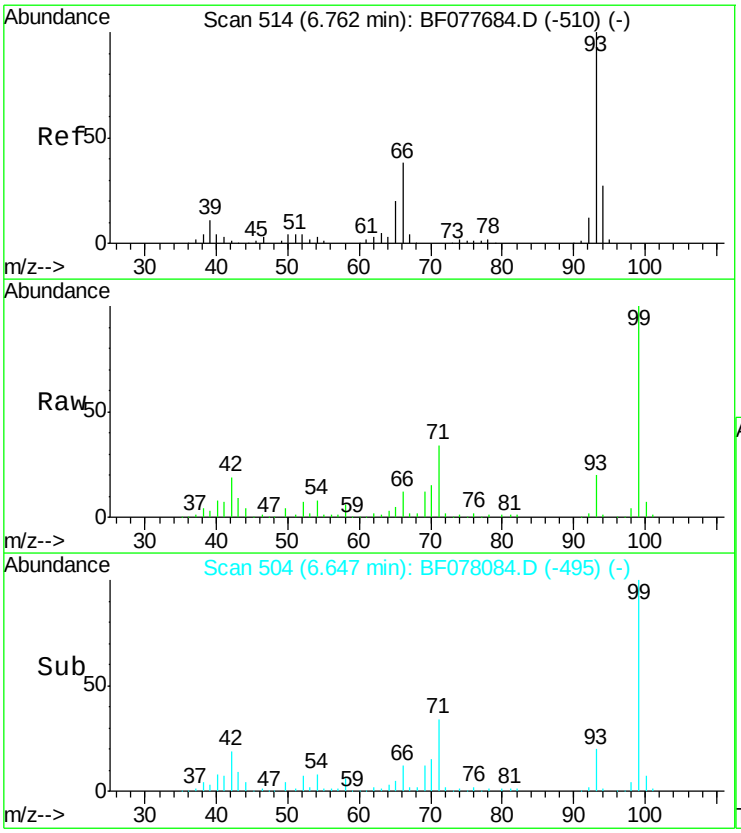
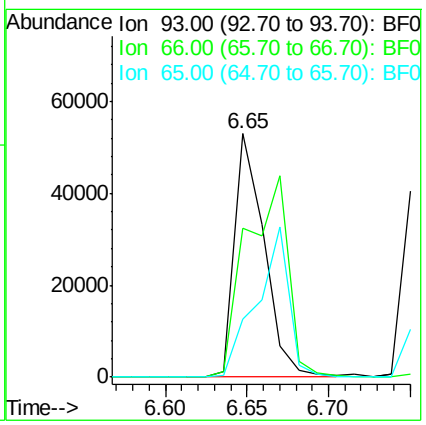
3/31/2015 2:16:58 PM

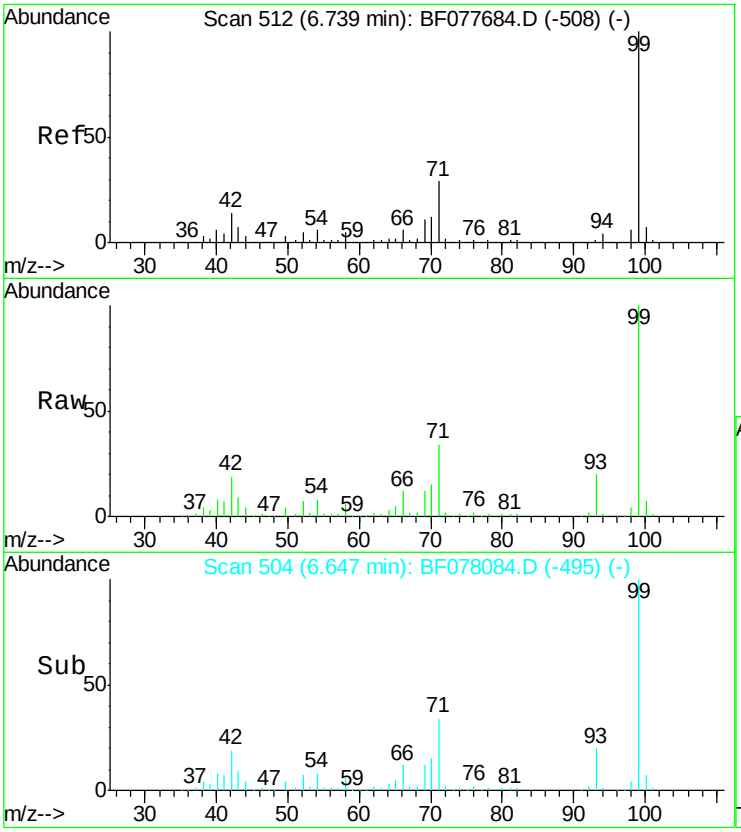



#6
Aniline
Concen: 19.74 ng
RT: 6.65 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion: 93 Resp: 66428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 61.2 | 30.8 | 46.2# |
| 65 | 24.1 | 16.0 | 24.0# |






#7
Phenol-d6
Concen: 135.22 ng
RT: 6.65 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion: 99 Resp: 318117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.7 | 11.0 | 16.4# |
| 71 | 34.1 | 23.4 | 35.2 |

**Instrument :**
BNA_F
**ClientSampleId :**
PB82403BS

**Manual Integrations APPROVED**
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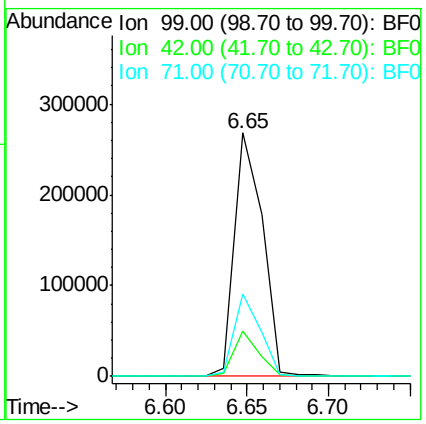
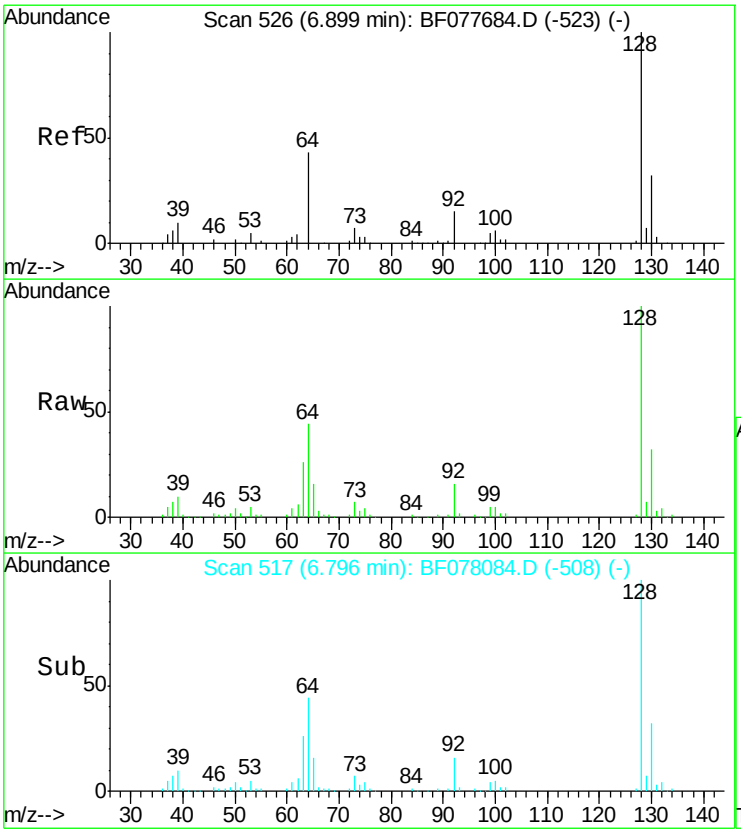
3/31/2015 2:16:58 PM

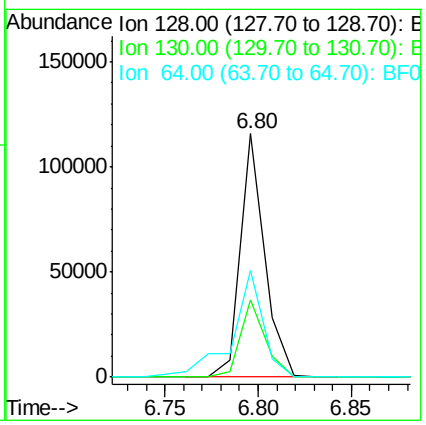


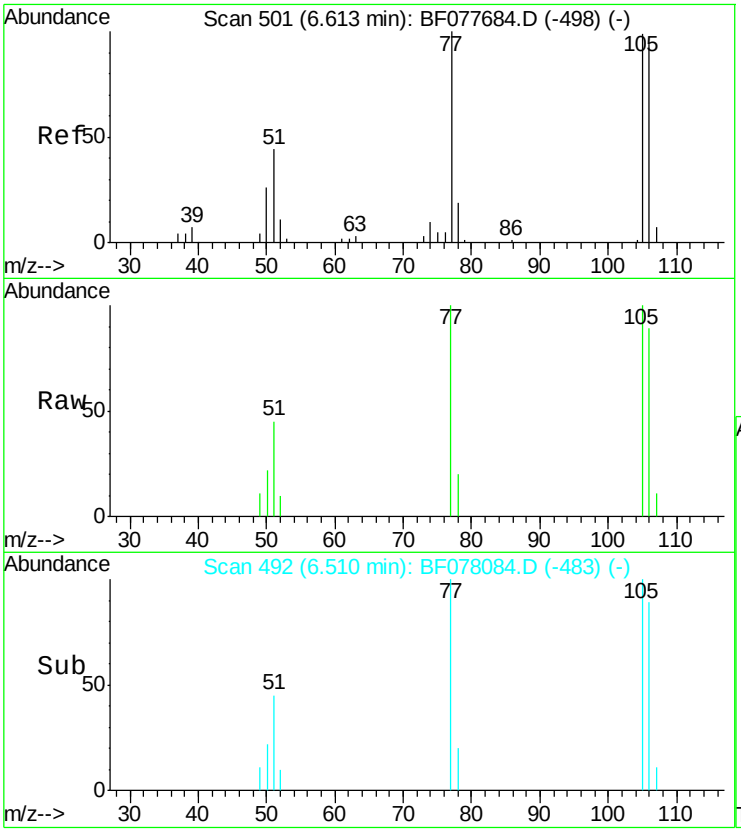




#8
2-Chlorophenol
Concen: 46.37 ng
RT: 6.80 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:128 Resp: 105097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.6 | 12.0 | 52.0 |
| 64 | 43.7 | 24.9 | 64.9 |

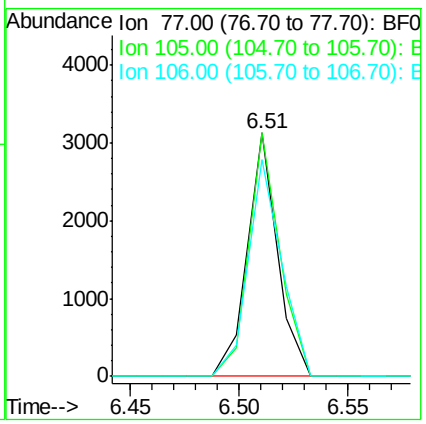





#9
Benzaldehyde
Concen: 3.13 ng
RT: 6.51 min Scan# 492
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

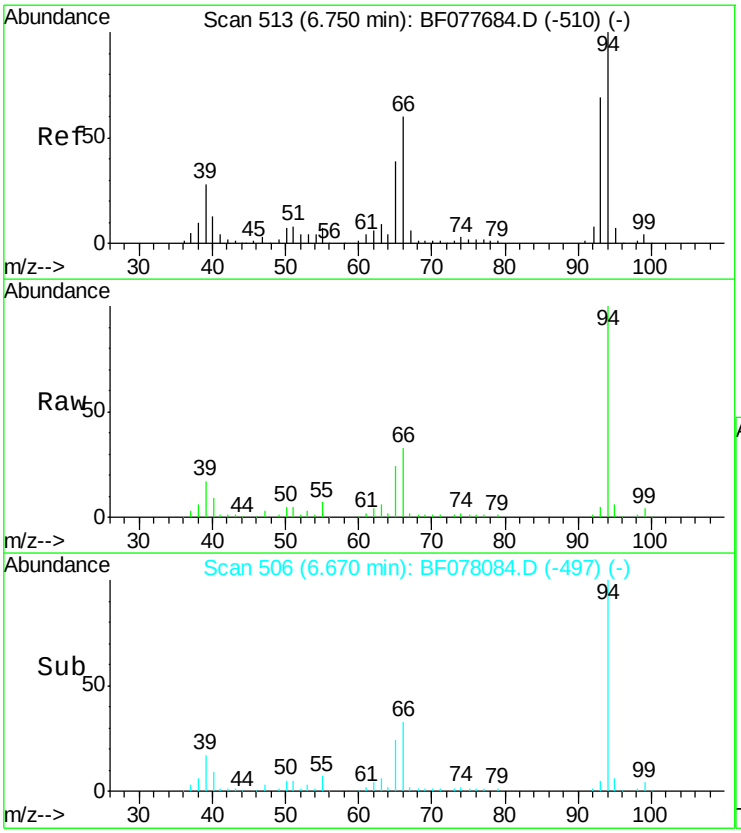
Tgt Ion: 77 Resp: 3017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 100.0 | 78.8 | 118.8 |
| 106 | 88.9 | 73.7 | 113.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB82403BS

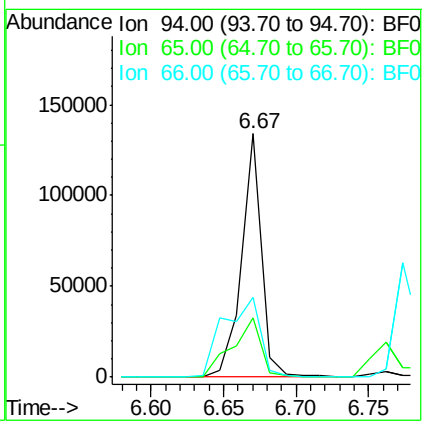
**Manual Integrations APPROVED**
apatel
3/31/2015 2:16:58 PM

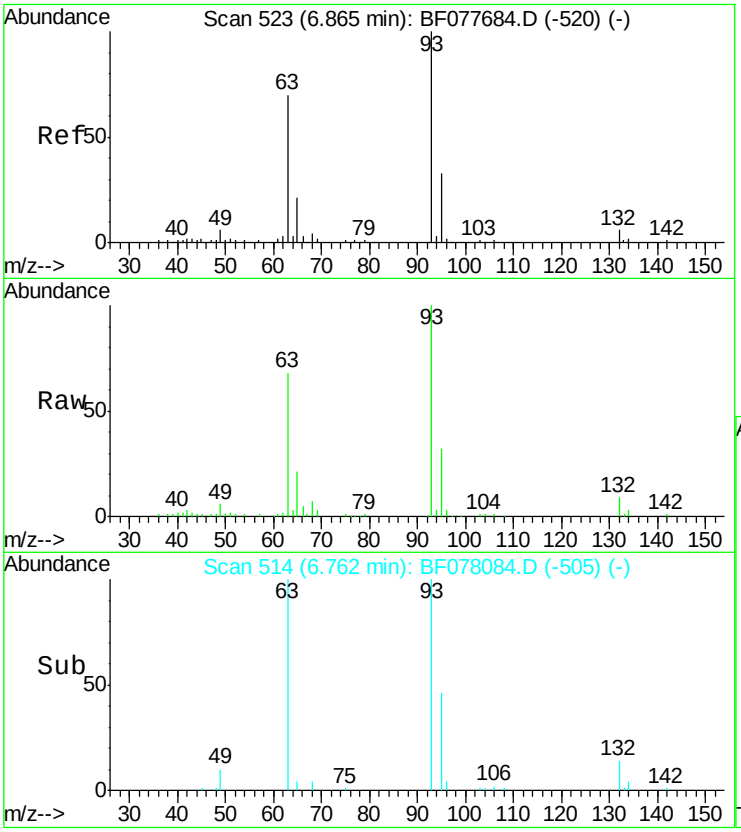



#10
Phenol
Concen: 45.97 ng
RT: 6.67 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion: 94 Resp: 127837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 24.4 | 18.8 | 58.8 |
| 66 | 32.7 | 39.9 | 79.9# |

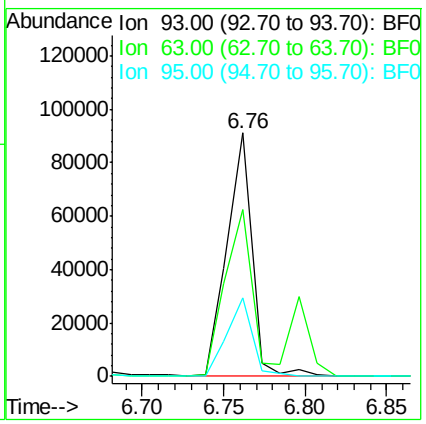





#11
bis(2-Chloroethyl)ether
Concen: 46.60 ng
RT: 6.76 min Scan# 514
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion: 93 Resp: 97068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 68.4 | 49.5 | 89.5 |
| 95 | 32.0 | 13.5 | 53.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB82403BS

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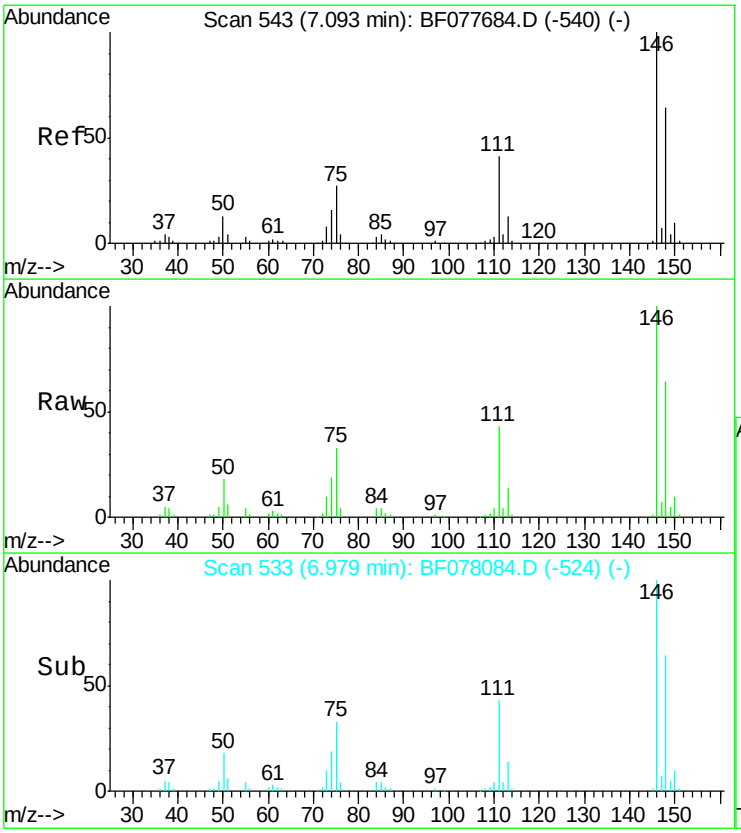
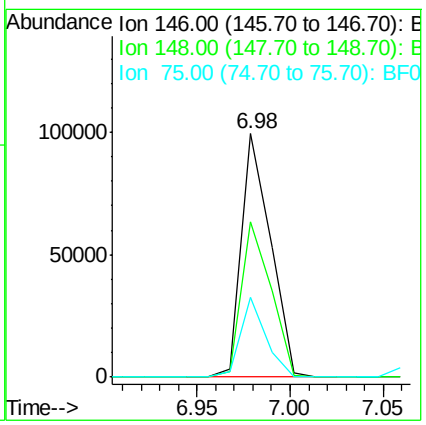
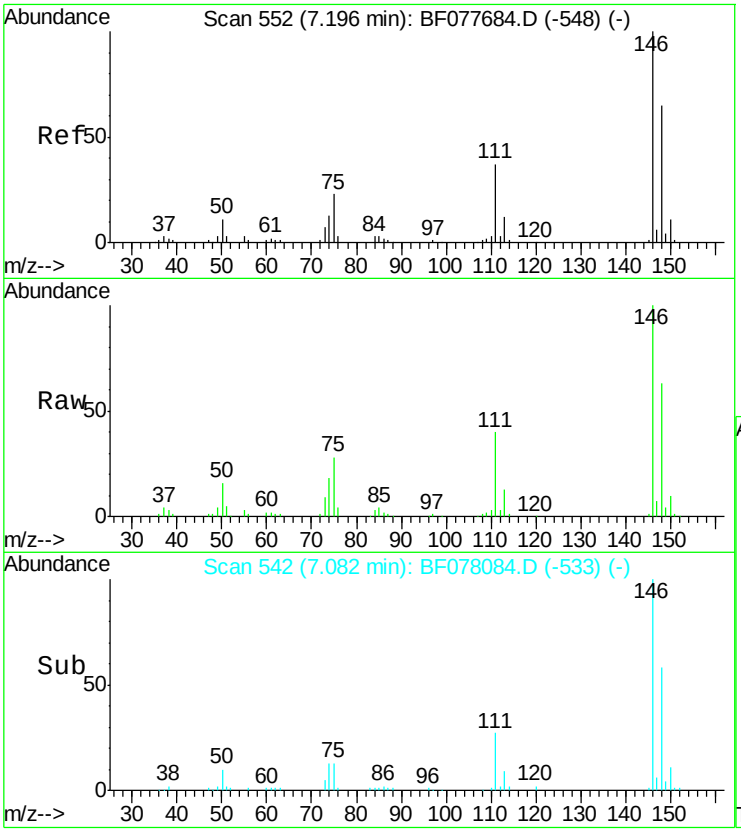



#12
1,3-Dichlorobenzene
Concen: 42.83 ng
RT: 6.98 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:146 Resp: 107977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.8 | 50.9 | 76.3 |
| 75 | 32.6 | 21.4 | 32.2# |

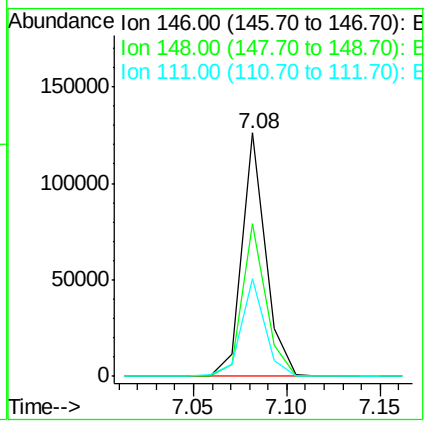





#13
1,4-Dichlorobenzene
Concen: 42.68 ng
RT: 7.08 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:146 Resp: 111806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.5 | 51.9 | 77.9 |
| 111 | 40.0 | 29.2 | 43.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB82403BS

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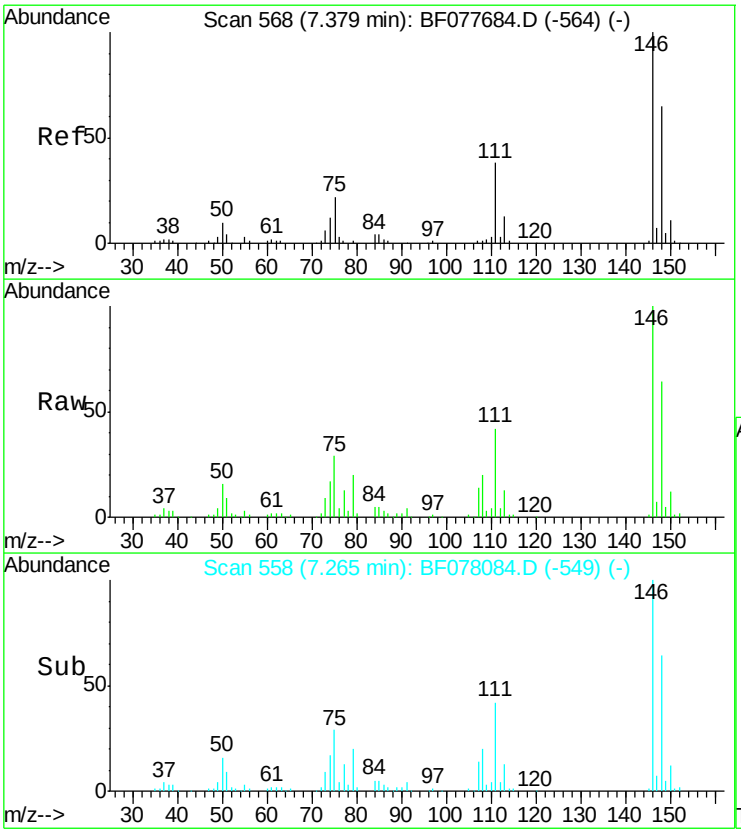
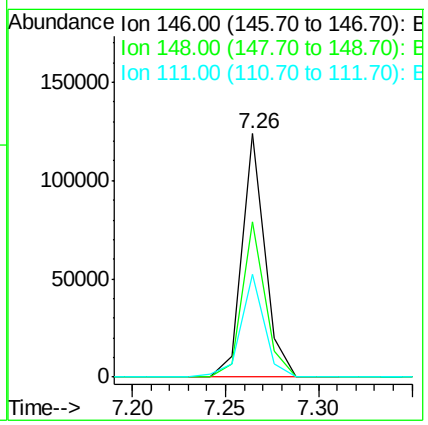
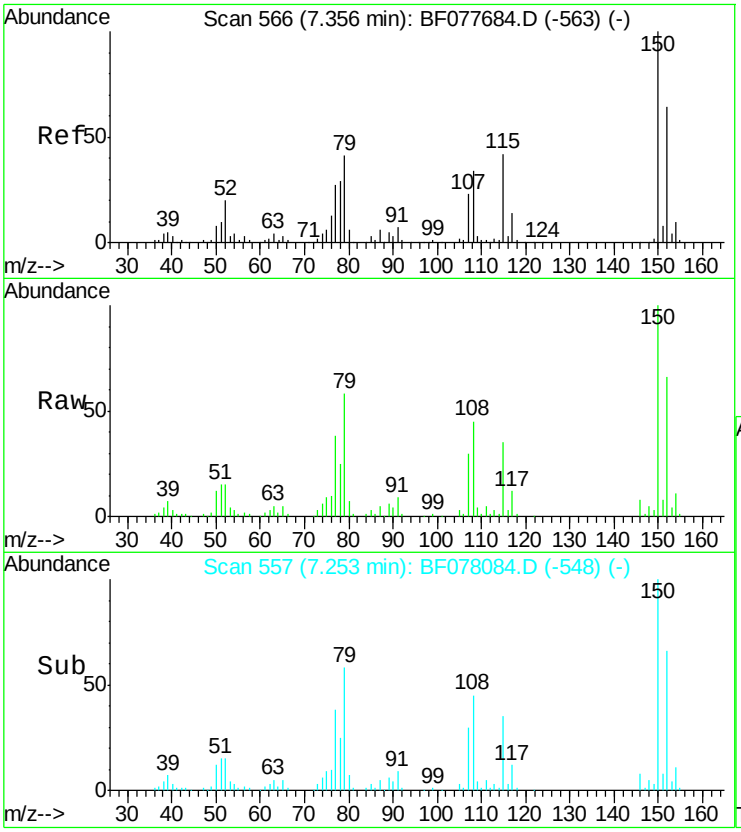



#14
1,2-Dichlorobenzene
Concen: 44.20 ng
RT: 7.26 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:146 Resp: 106146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.8 | 52.3 | 78.5 |
| 111 | 42.5 | 30.6 | 45.8 |

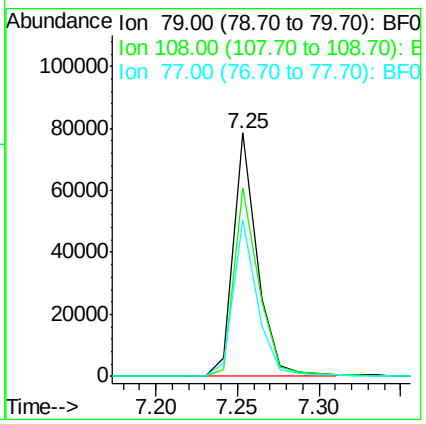





#15
Benzyl Alcohol
Concen: 43.24 ng
RT: 7.25 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion: 79 Resp: 79408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 77.5 | 65.0 | 97.4 |
| 77 | 64.4 | 53.0 | 79.6 |




**Instrument :**
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**ClientSampleId :**
PB82403BS

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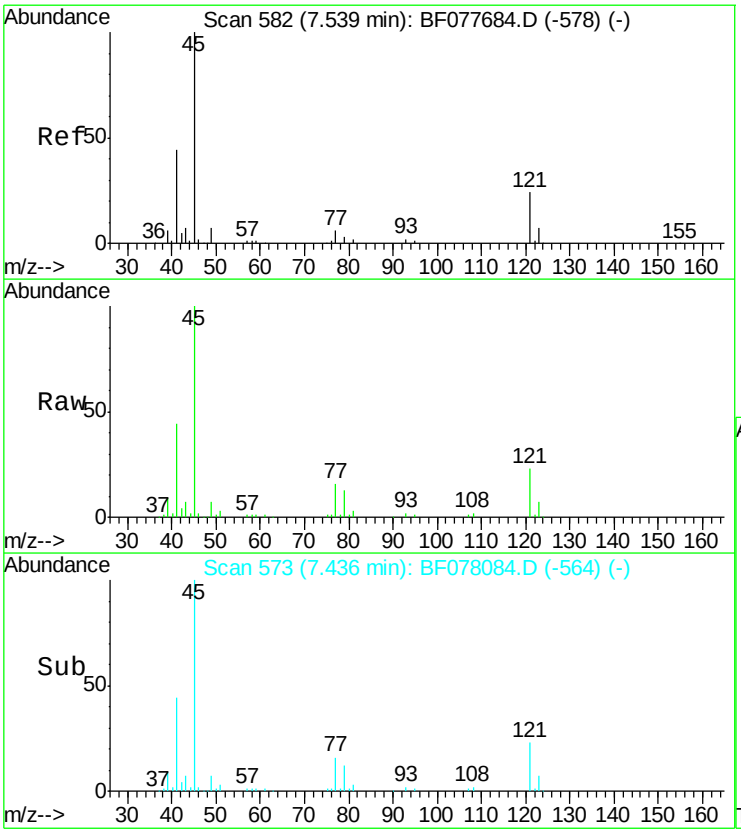
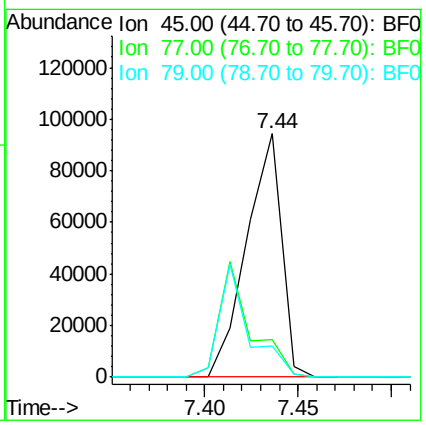
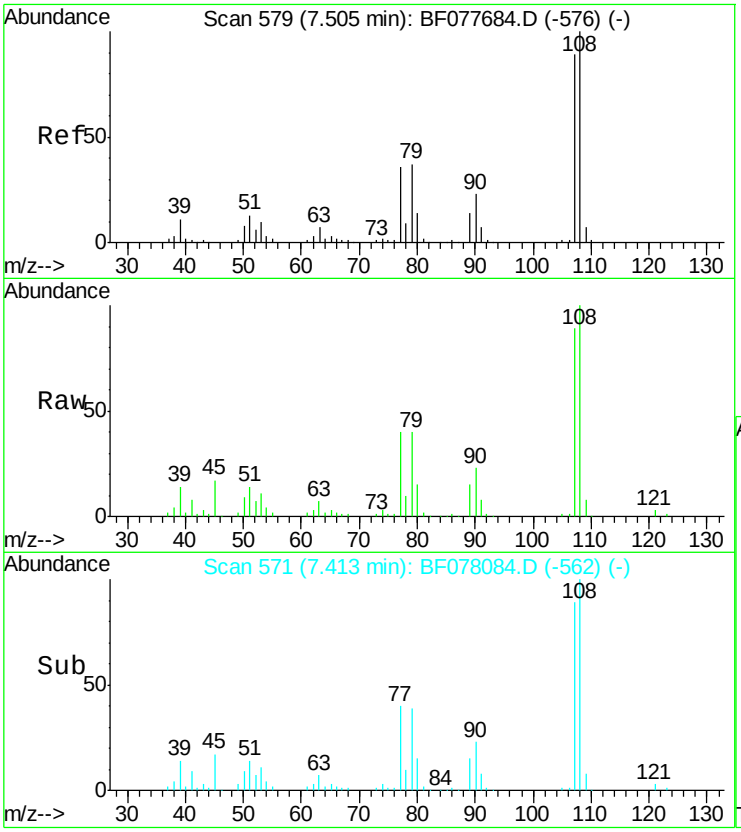



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.67 ng
RT: 7.44 min Scan# 573
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion: 45 Resp: 122601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 15.5 | 0.0 | 35.2 |
| 79 | 12.5 | 0.0 | 32.0 |

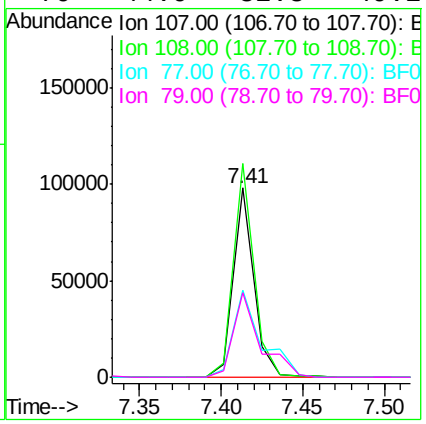





#17
2-Methylphenol
Concen: 45.62 ng
RT: 7.41 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:107 Resp: 84176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.8 | 89.8 | 134.8 |
| 77 | 45.7 | 32.6 | 48.8 |
| 79 | 44.9 | 32.8 | 49.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB82403BS

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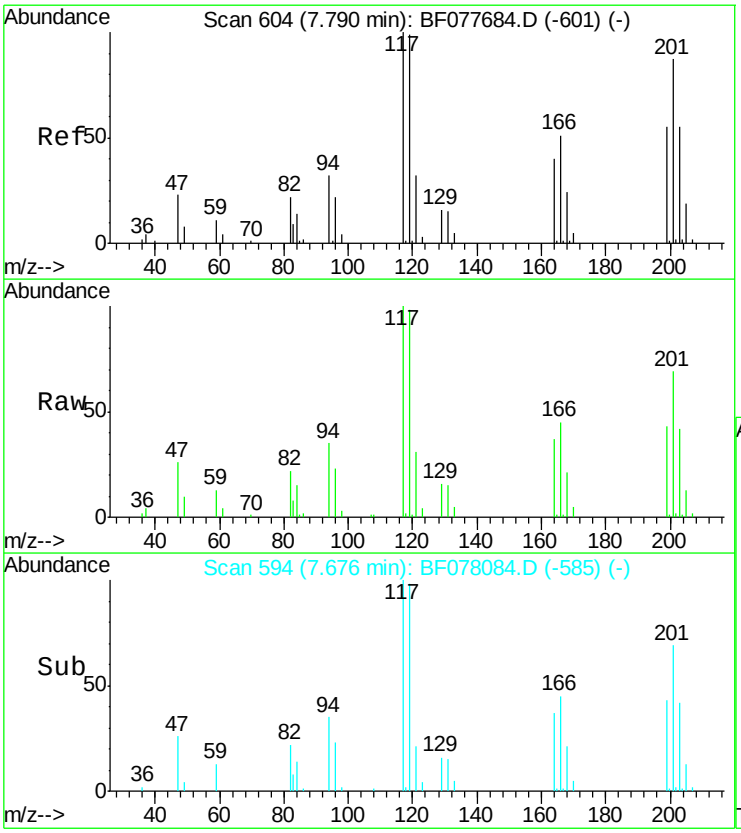
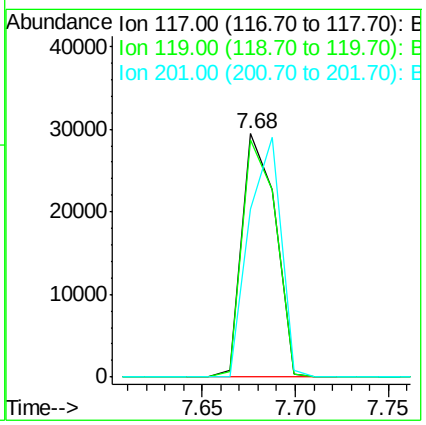
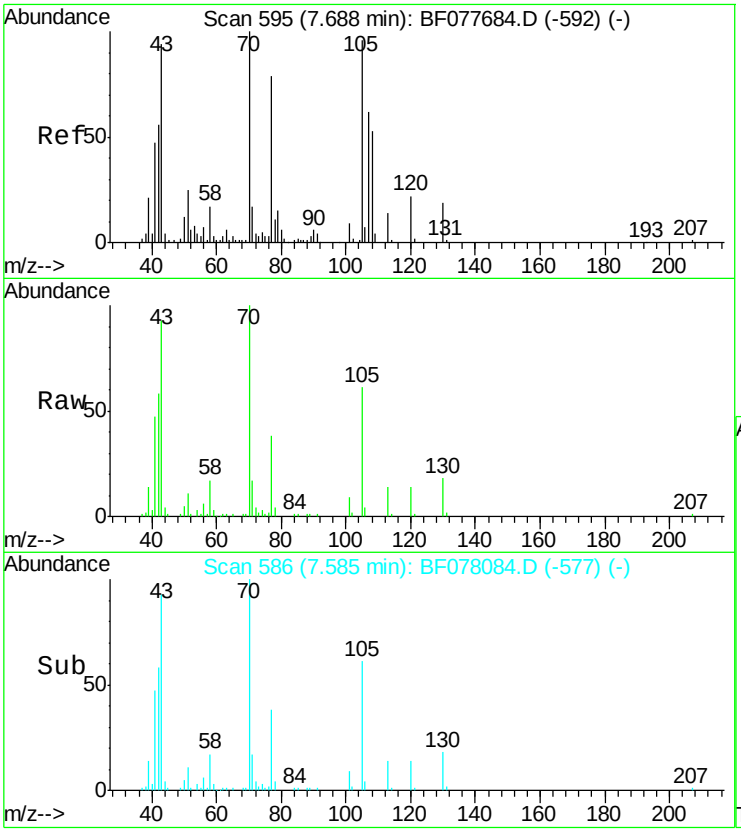



#18
Hexachloroethane
Concen: 42.49 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:117 Resp: 36499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.7 | 79.2 | 118.8 |
| 201 | 69.2 | 69.8 | 104.6# |

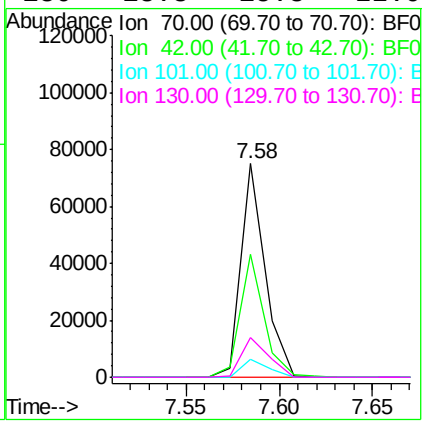





#19
n-Nitroso-di-n-propylamine
Concen: 41.49 ng
RT: 7.58 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion: 70 Resp: 67533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 57.7 | 44.5 | 66.7 |
| 101 | 8.5 | 7.4 | 11.2 |
| 130 | 18.3 | 15.3 | 22.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB82403BS

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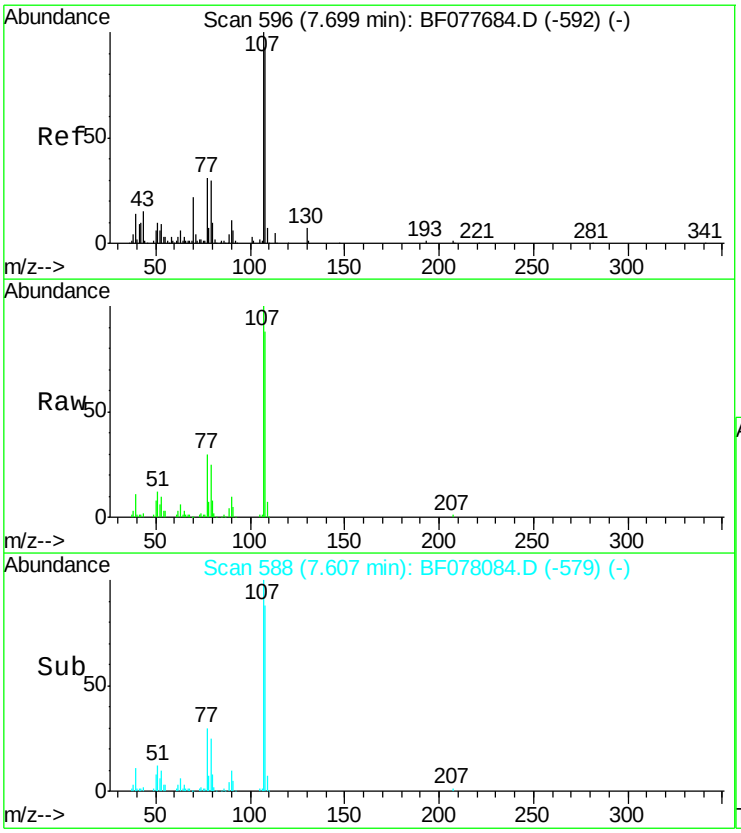
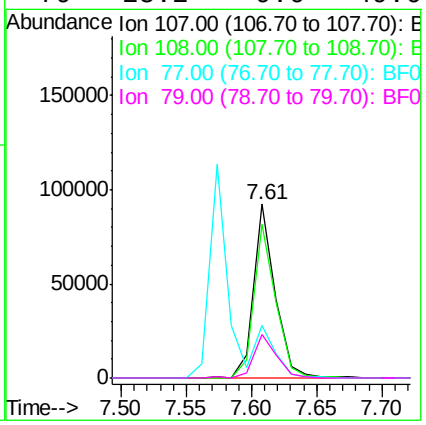
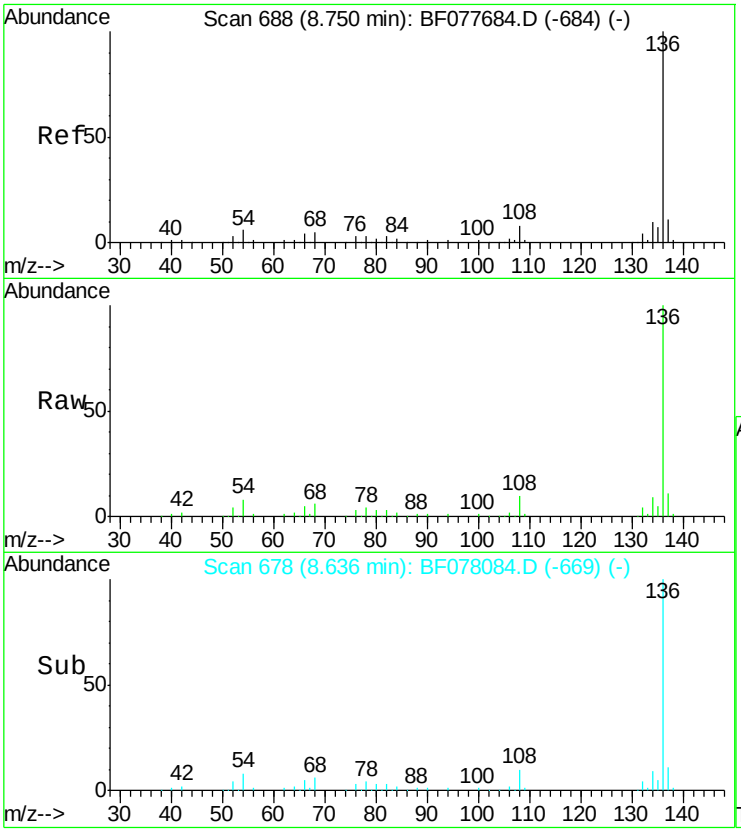



#20
3+4-Methylphenols
Concen: 44.23 ng
RT: 7.61 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:107 Resp: 107096

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.5 | 73.2 | 113.2 |
| 77 | 29.9 | 10.7 | 50.7 |
| 79 | 25.2 | 9.6 | 49.6 |

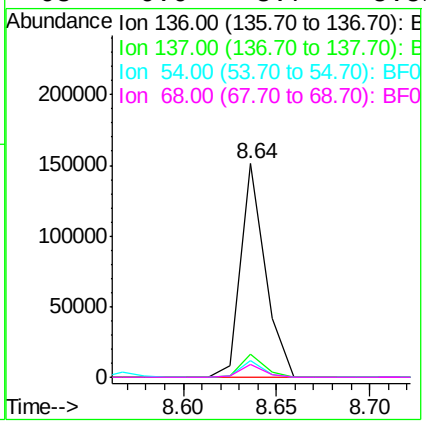





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.64 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:136 Resp: 137809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.7 | 13.1 |
| 54 | 7.9 | 4.6 | 6.8# |
| 68 | 6.0 | 3.7 | 5.5# |




**Instrument :**
BNA_F
**ClientSampleId :**
PB82403BS

**Manual Integrations APPROVED**
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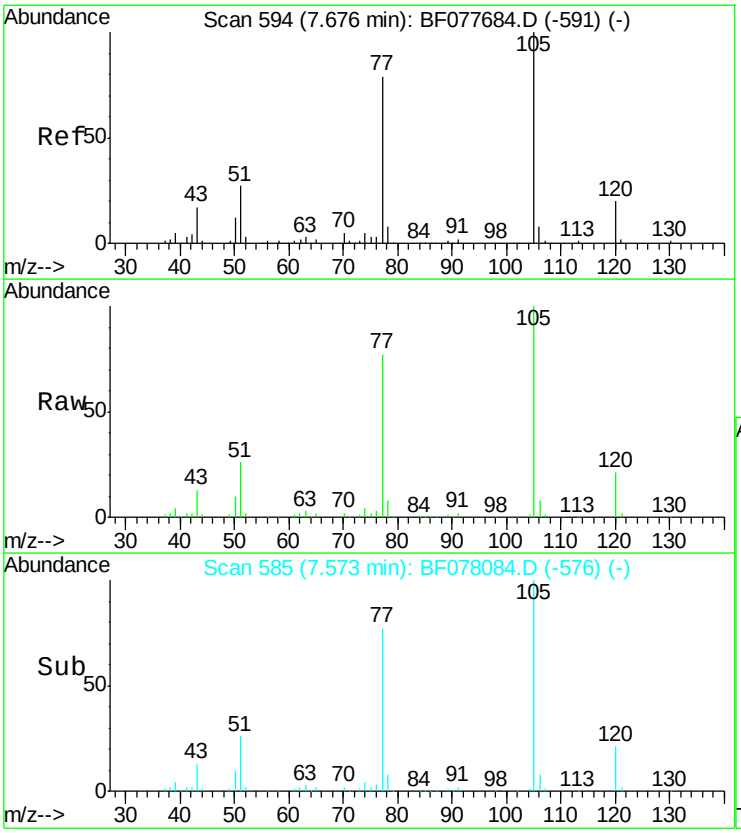
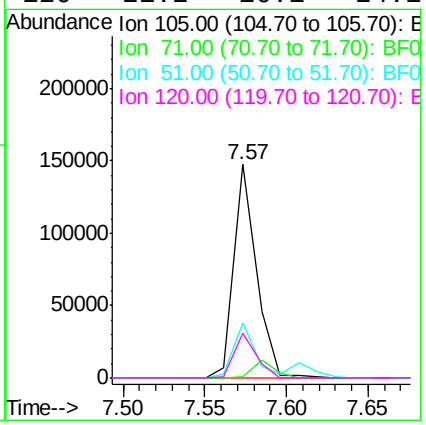
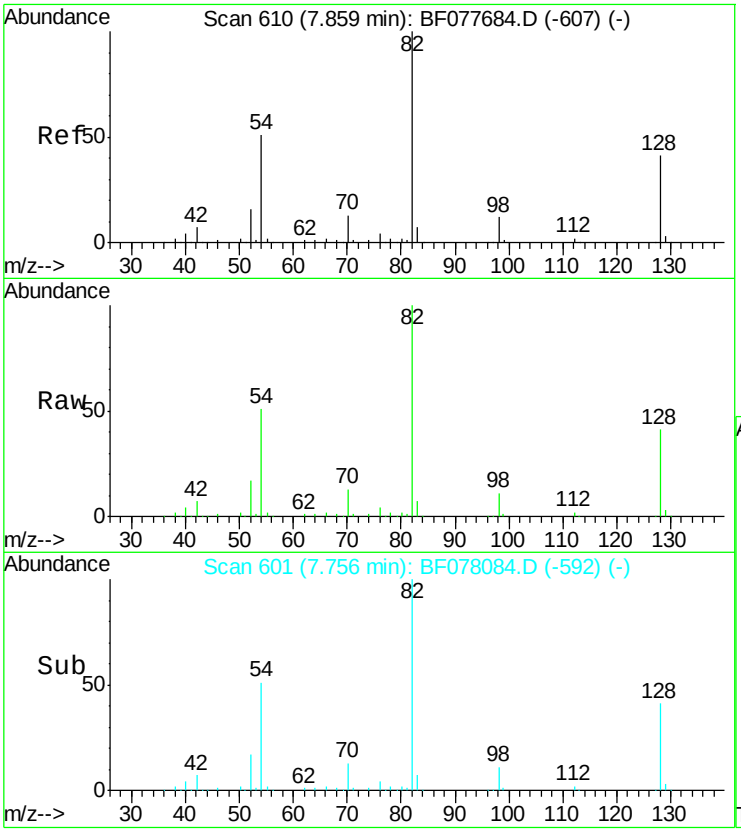



#22
Acetophenone
Concen: 46.07 ng
RT: 7.57 min Scan# 585
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:105 Resp: 140562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 0.4 | 0.6 | 1.0# |
| 51 | 25.7 | 21.6 | 32.4 |
| 120 | 21.2 | 16.1 | 24.1 |

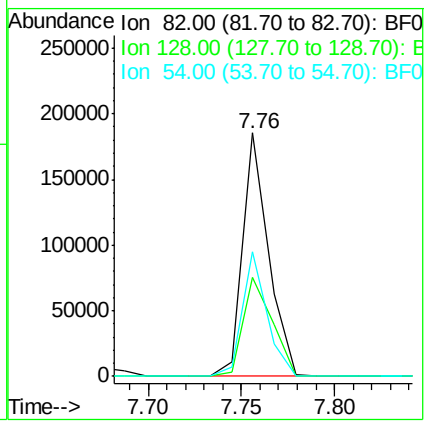





#23
Nitrobenzene-d5
Concen: 85.03 ng
RT: 7.76 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion: 82 Resp: 178752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 40.6 | 32.8 | 49.2 |
| 54 | 51.3 | 40.6 | 60.8 |




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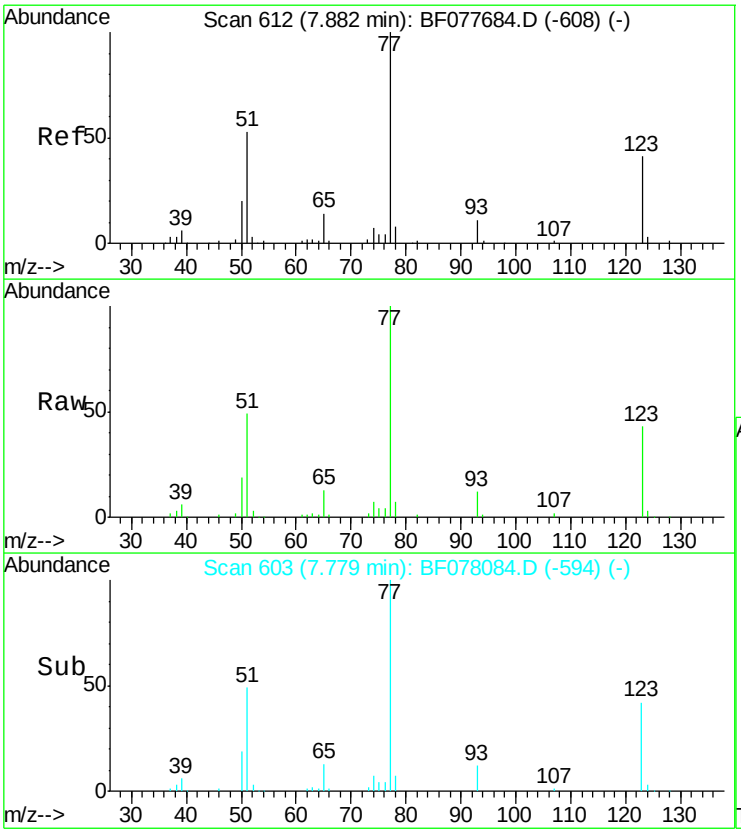
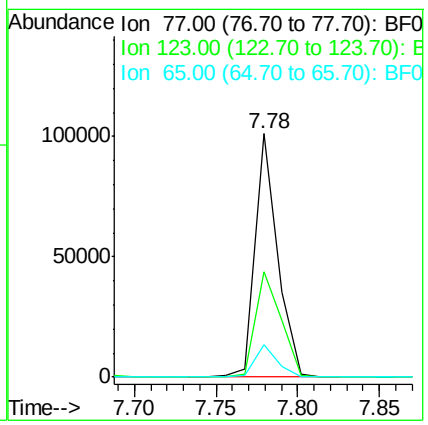
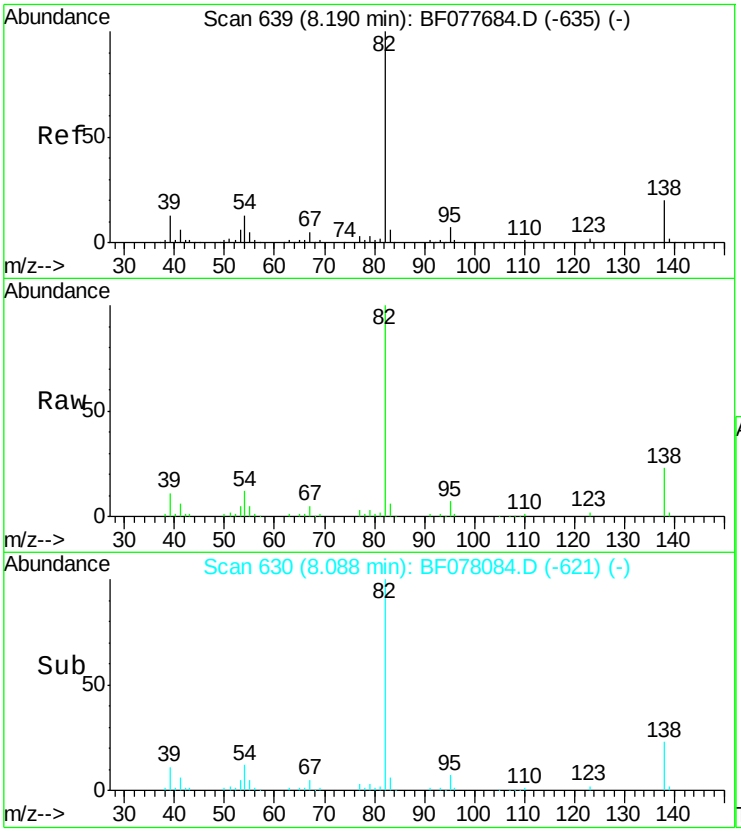



#24
Nitrobenzene
Concen: 43.04 ng
RT: 7.78 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion: 77 Resp: 97478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 43.1 | 32.6 | 49.0 |
| 65 | 13.3 | 10.9 | 16.3 |

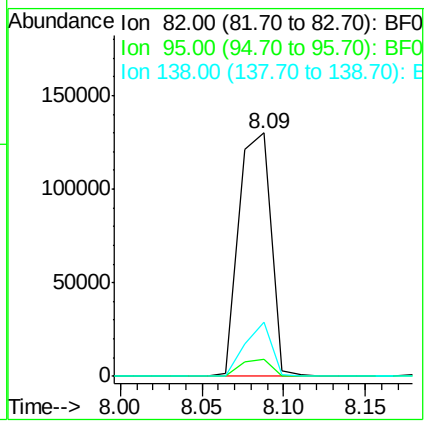





#25
Isophorone
Concen: 41.50 ng
RT: 8.09 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion: 82 Resp: 176178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.2 | 5.8 | 8.6 |
| 138 | 22.5 | 16.3 | 24.5 |




**Instrument :**
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**ClientSampleId :**
PB82403BS

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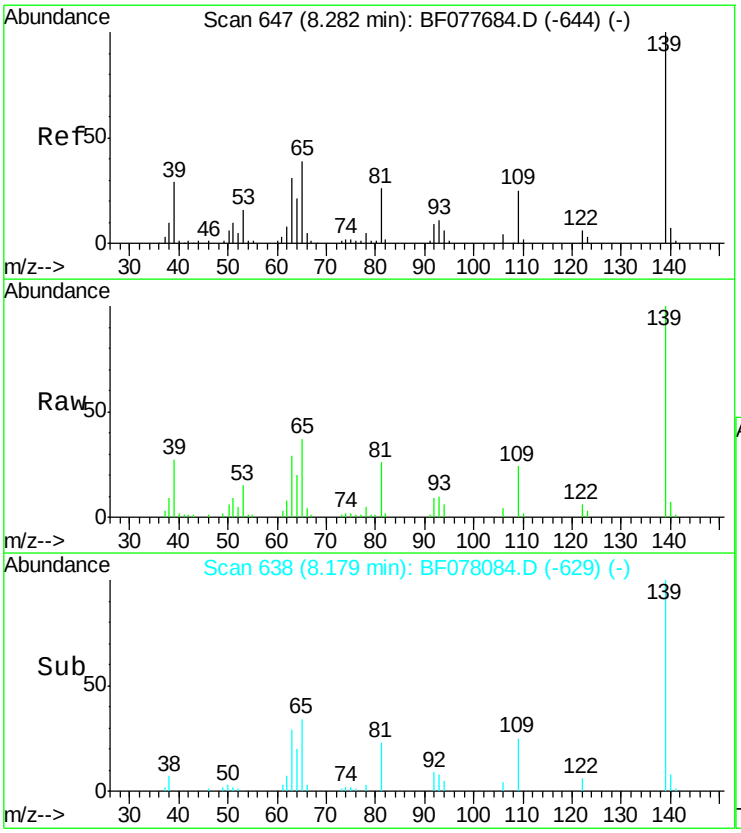
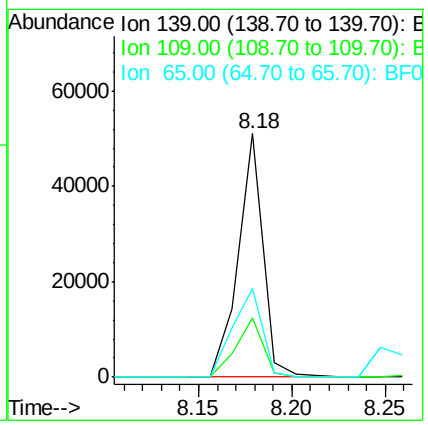
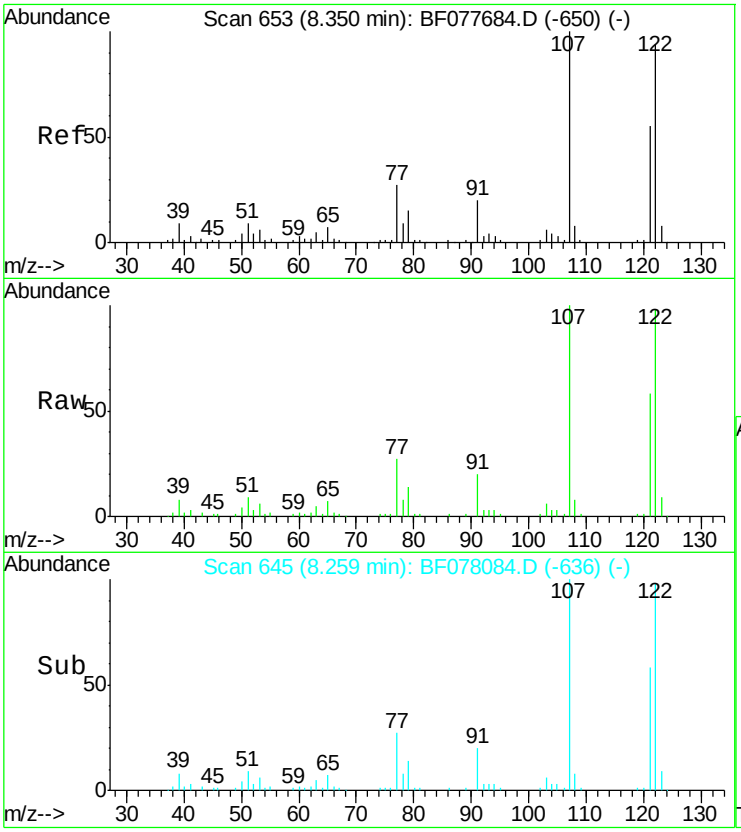



#26
2-Nitrophenol
Concen: 42.86 ng
RT: 8.18 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:139 Resp: 47527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 24.3 | 20.1 | 30.1 |
| 65 | 36.6 | 31.5 | 47.3 |

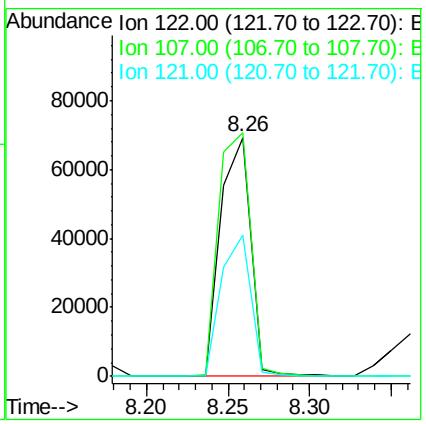





#27
2,4-Dimethylphenol
Concen: 43.52 ng
RT: 8.26 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:122 Resp: 87920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 101.9 | 84.7 | 127.1 |
| 121 | 59.1 | 46.6 | 69.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB82403BS

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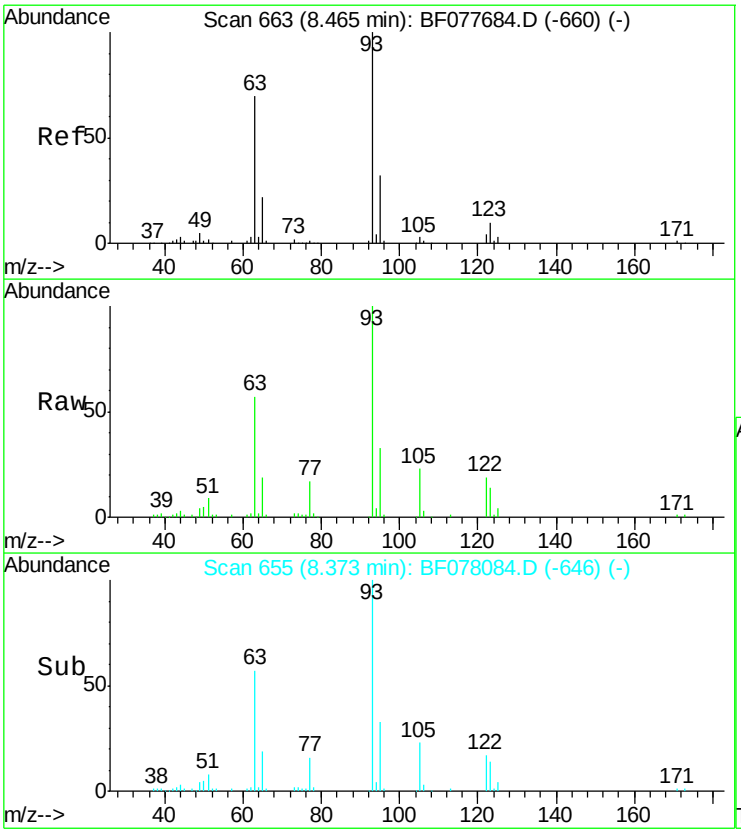
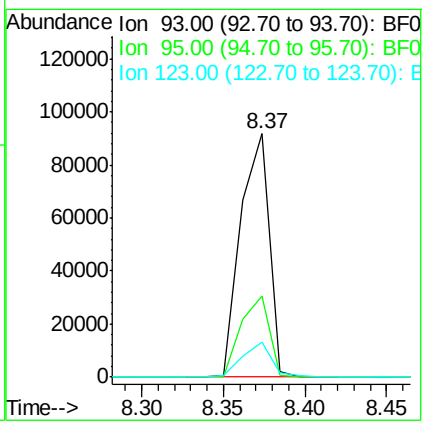
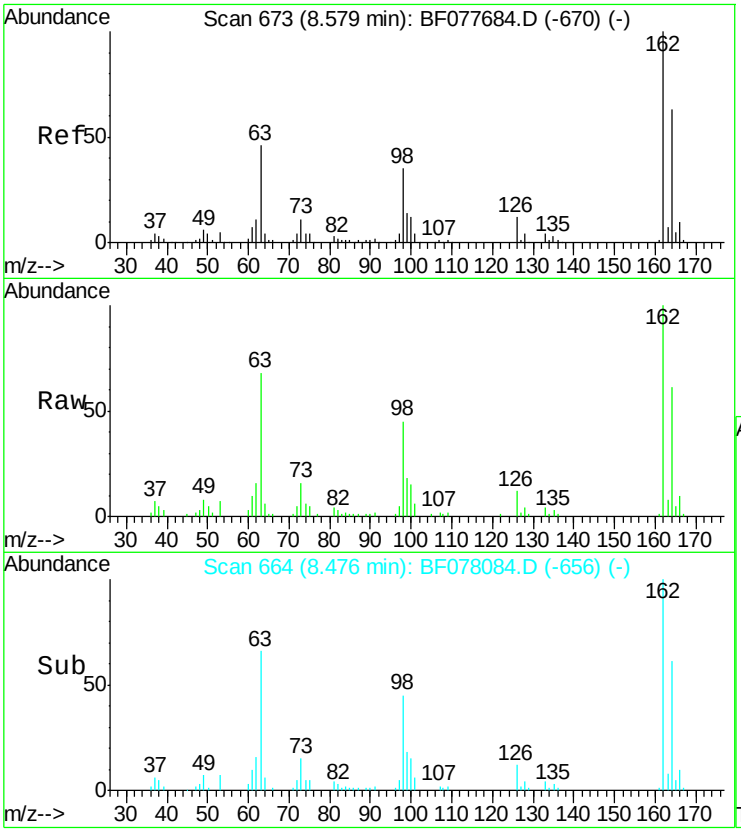



#28
bis(2-Chloroethoxy)methane
Concen: 42.95 ng
RT: 8.37 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion: 93 Resp: 110692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.3 | 25.5 | 38.3 |
| 123 | 14.3 | 8.6 | 13.0# |

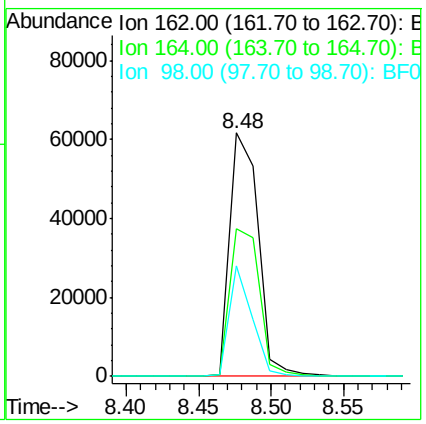





#29
2,4-Dichlorophenol
Concen: 43.78 ng
RT: 8.48 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:162 Resp: 84292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 60.8 | 42.8 | 82.8 |
| 98 | 45.4 | 14.5 | 54.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB82403BS

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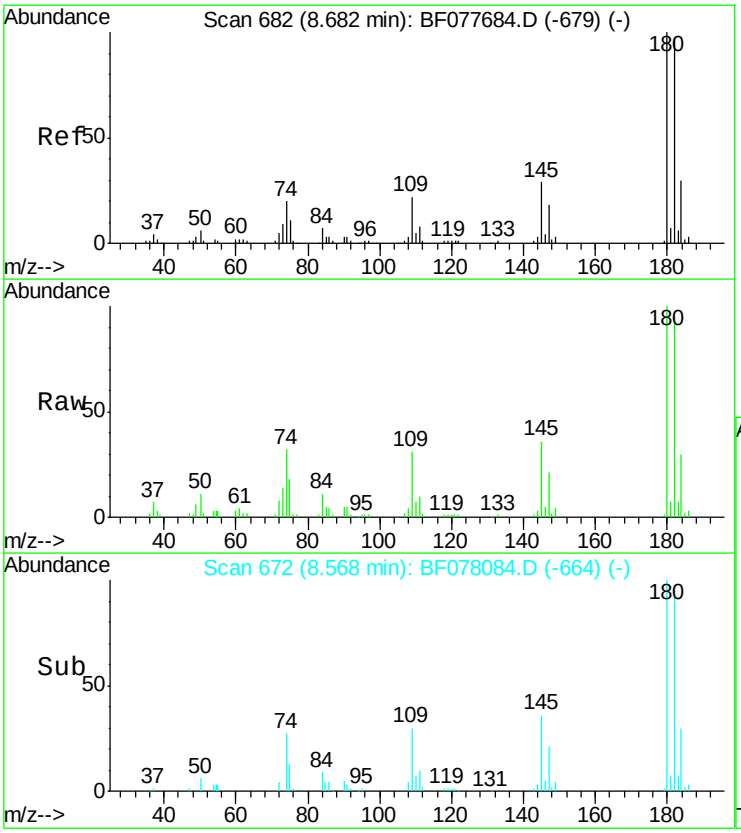
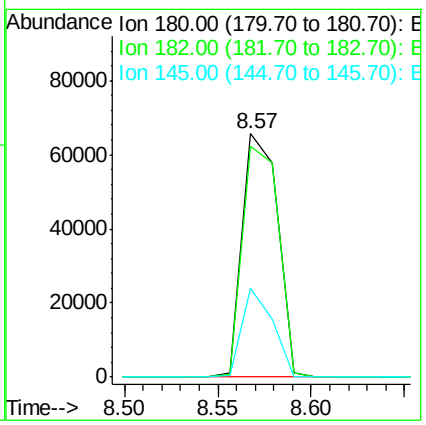
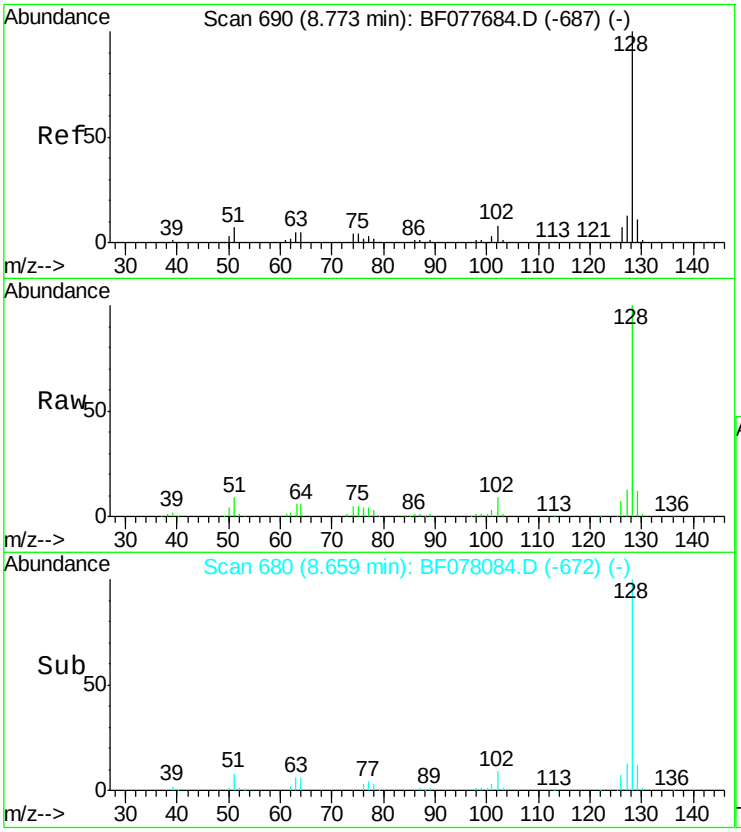



#30
1,2,4-Trichlorobenzene
Concen: 39.99 ng
RT: 8.57 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:180 Resp: 86152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.6 | 77.6 | 116.4 |
| 145 | 36.2 | 23.4 | 35.2# |

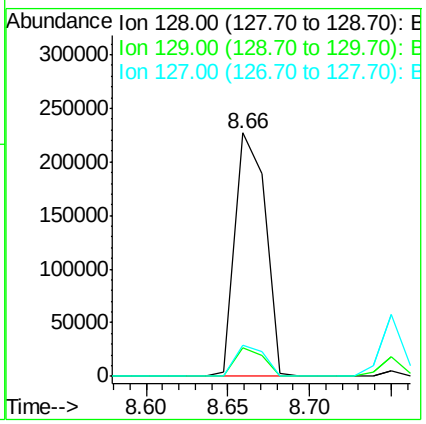





#31
Naphthalene
Concen: 40.95 ng
RT: 8.66 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:128 Resp: 289814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.7 | 8.9 | 13.3 |
| 127 | 12.8 | 10.4 | 15.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB82403BS

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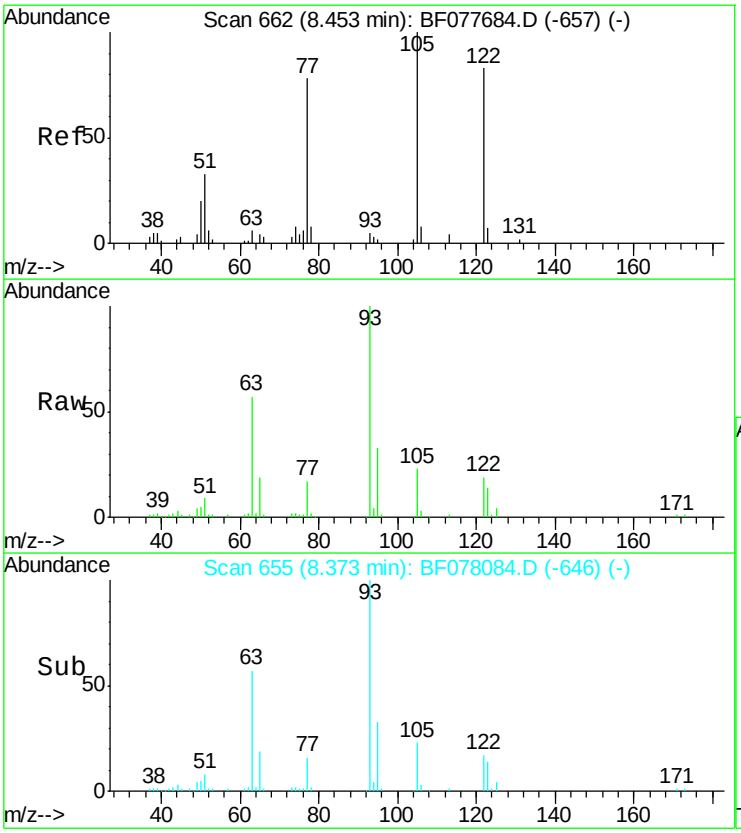
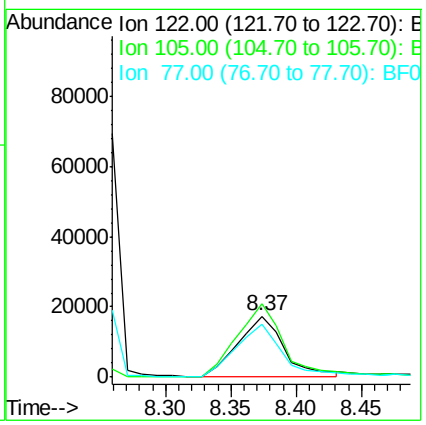
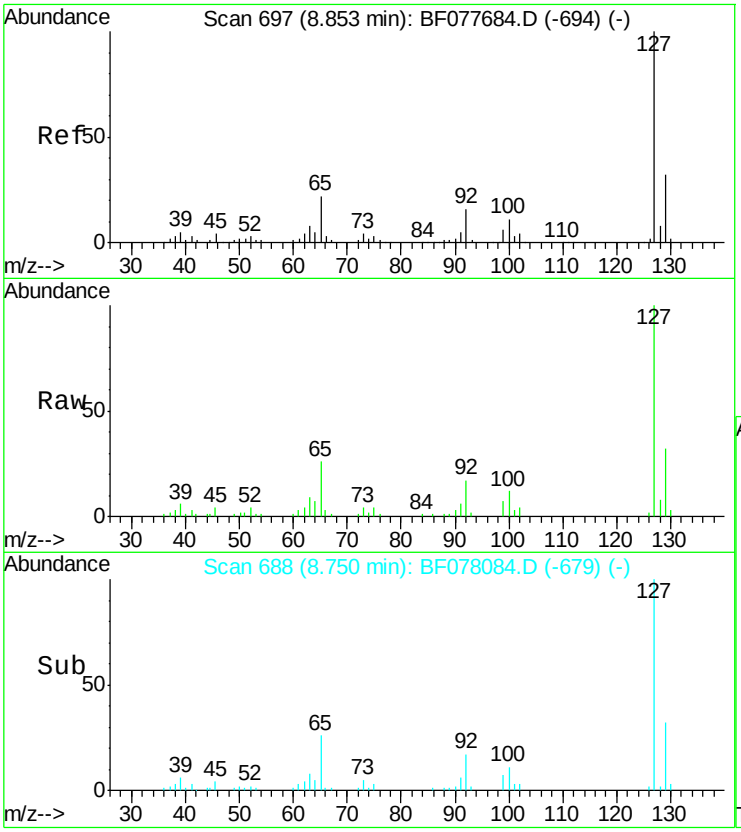



#32
Benzoic acid
Concen: 39.02 ng
RT: 8.37 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:122 Resp: 43266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 120.1 | 99.9 | 139.9 |
| 77 | 87.5 | 73.7 | 113.7 |

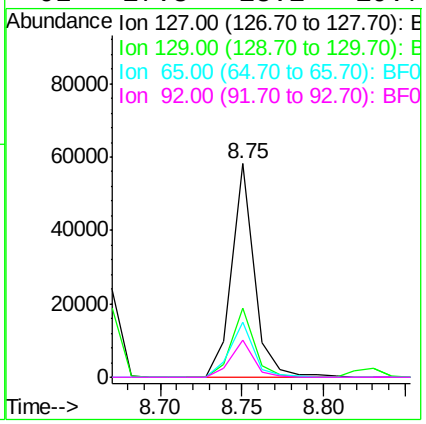





#33
4-Chloroaniline
Concen: 19.42 ng
RT: 8.75 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:127 Resp: 55780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.3 | 25.3 | 37.9 |
| 65 | 25.9 | 17.6 | 26.4 |
| 92 | 17.3 | 13.1 | 19.7 |




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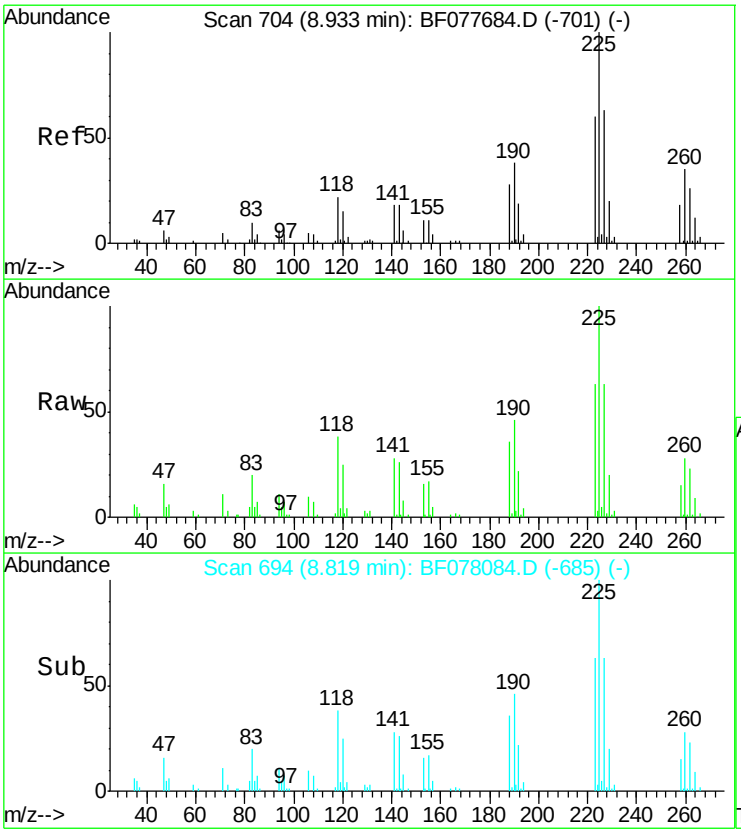
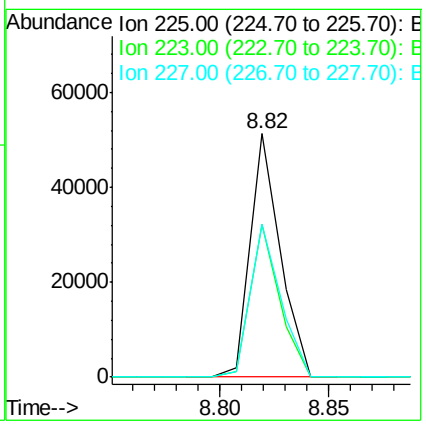
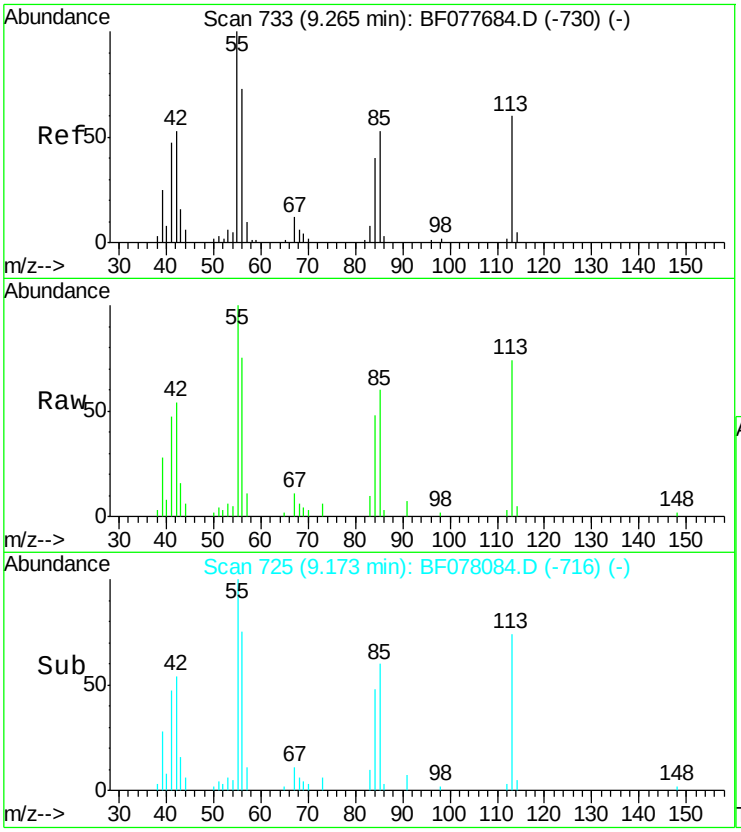



#34
Hexachlorobutadiene
Concen: 40.25 ng
RT: 8.82 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:225 Resp: 49148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.7 | 47.9 | 71.9 |
| 227 | 62.8 | 50.1 | 75.1 |

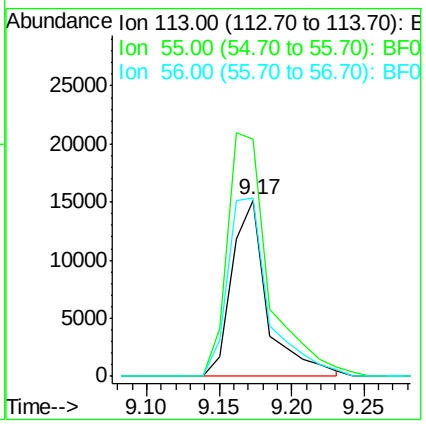





#35
Caprolactam
Concen: 45.66 ng
RT: 9.17 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:113 Resp: 25697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 135.0 | 145.9 | 185.9# |
| 56 | 101.0 | 101.0 | 141.0# |




**Instrument :**
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**ClientSampleId :**
PB82403BS

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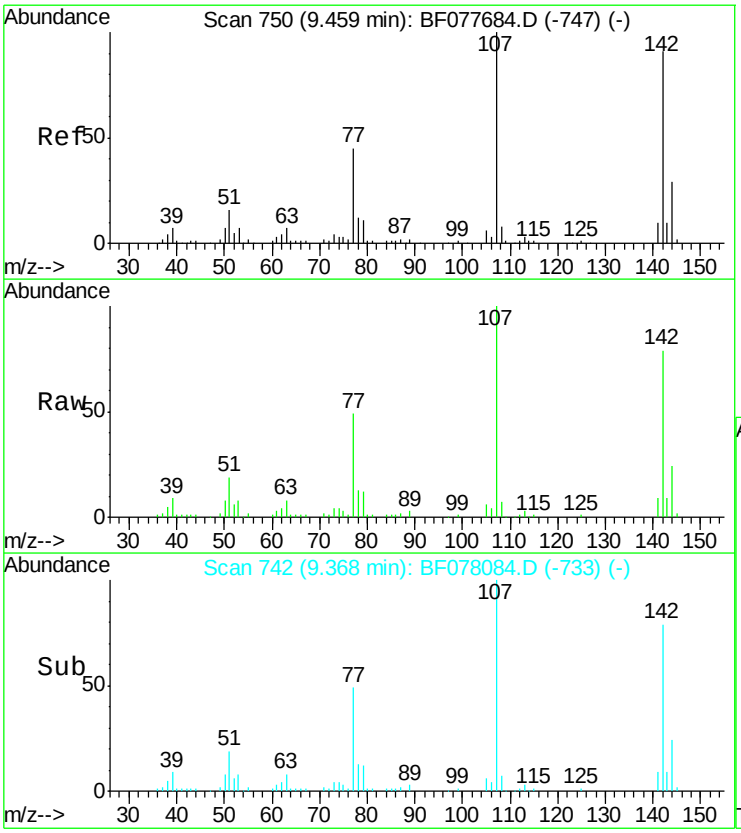
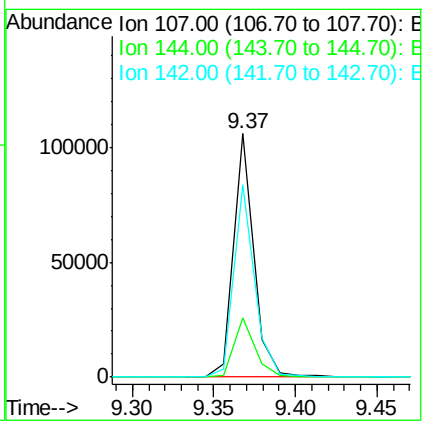
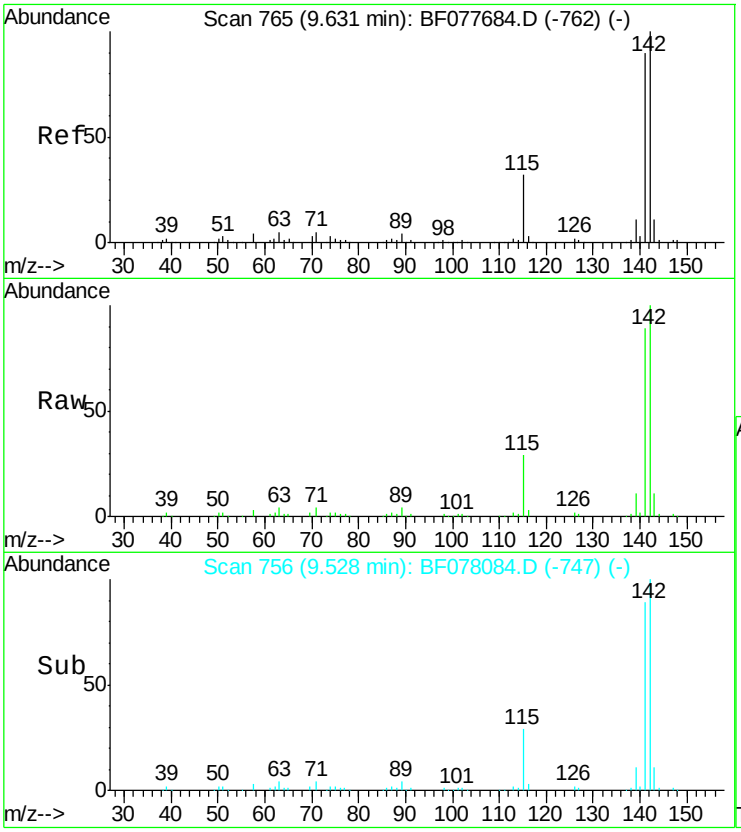



#36
4-Chloro-3-methylphenol
Concen: 46.62 ng
RT: 9.37 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:107 Resp: 90321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.4 | 23.3 | 34.9 |
| 142 | 78.8 | 72.6 | 109.0 |

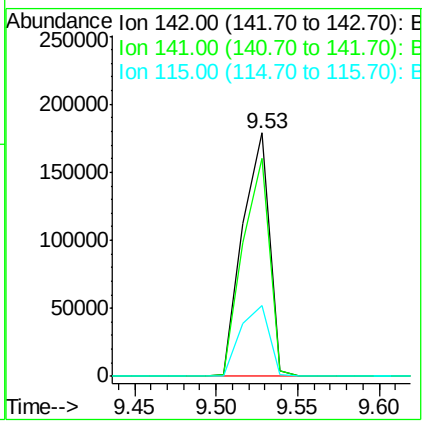





#37
2-Methylnaphthalene
Concen: 42.86 ng
RT: 9.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:142 Resp: 203772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.4 | 71.9 | 107.9 |
| 115 | 28.8 | 25.4 | 38.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB82403BS

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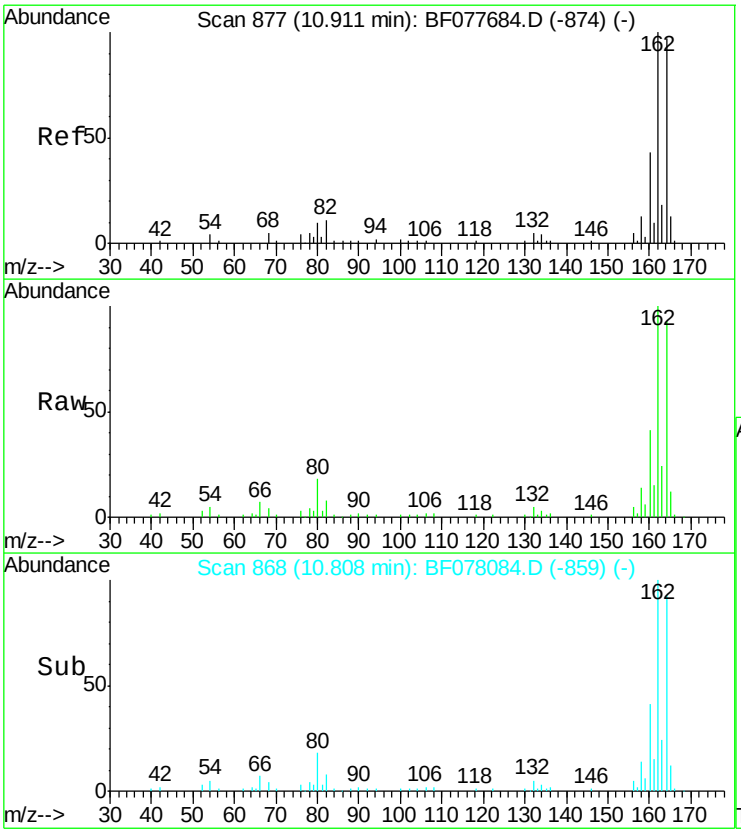
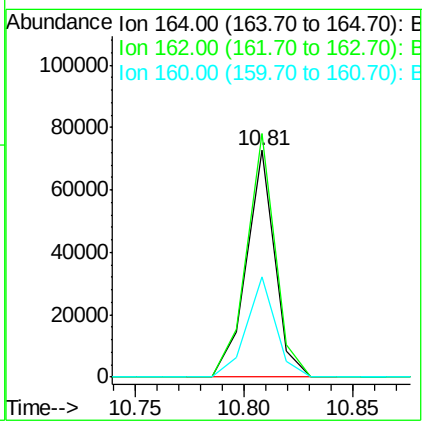
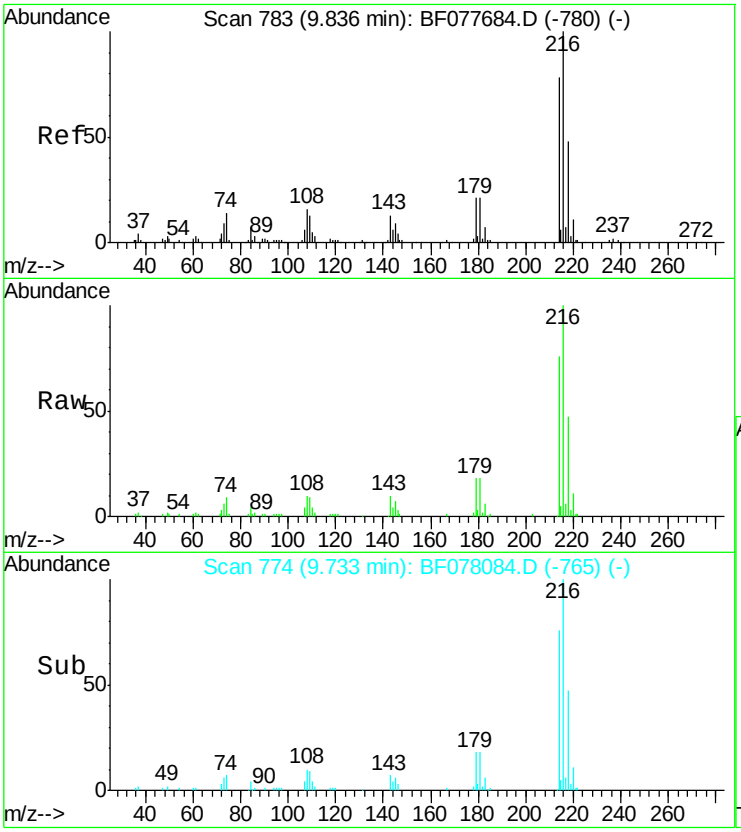



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.81 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:164 Resp: 65363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 107.6 | 82.4 | 123.6 |
| 160 | 44.6 | 35.8 | 53.6 |

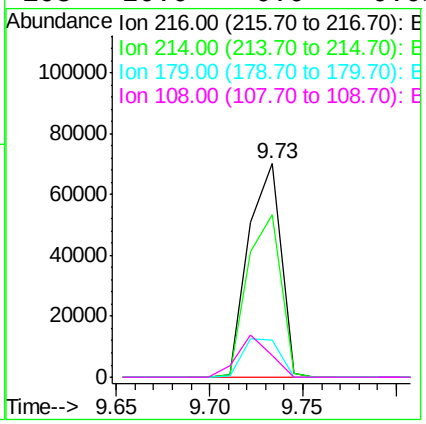





#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.34 ng
RT: 9.73 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:216 Resp: 84497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.4 | 0.0 | 0.0# |
| 179 | 20.4 | 0.0 | 0.0# |
| 108 | 20.0 | 0.0 | 0.0# |




**Instrument :**
BNA_F
**ClientSampleId :**
PB82403BS

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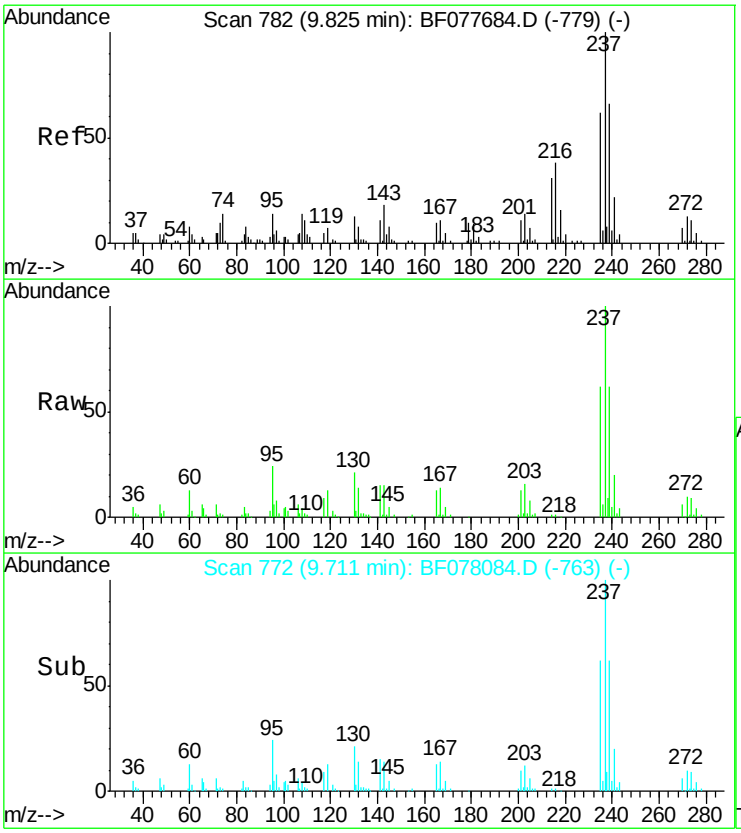
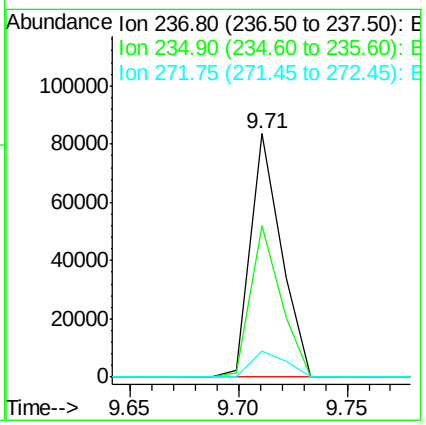
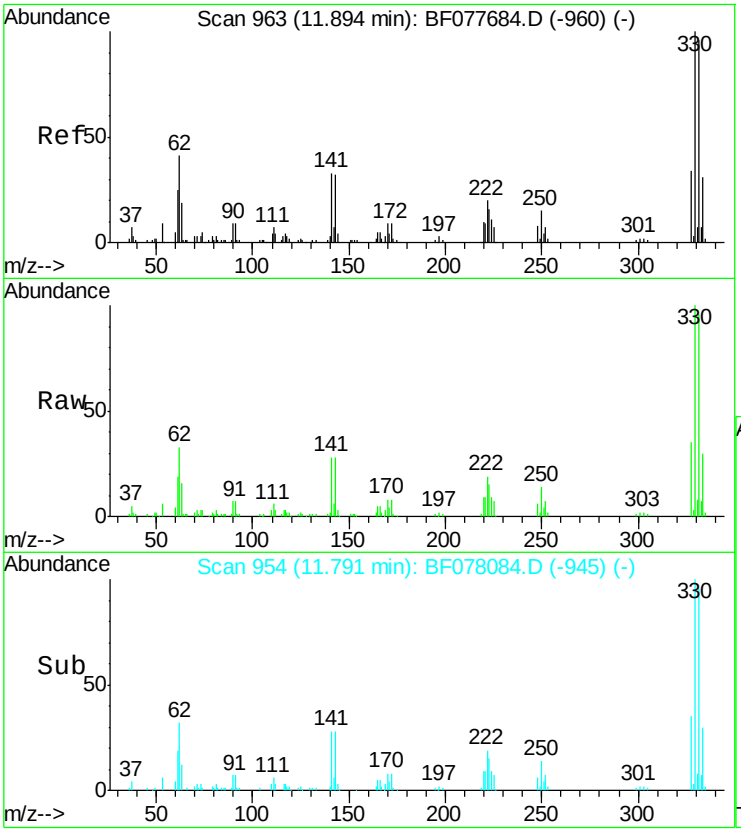



#40
Hexachlorocyclopentadiene
Concen: 83.89 ng
RT: 9.71 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:237 Resp: 82033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.4 | 42.0 | 82.0 |
| 272 | 10.5 | 0.0 | 33.4 |

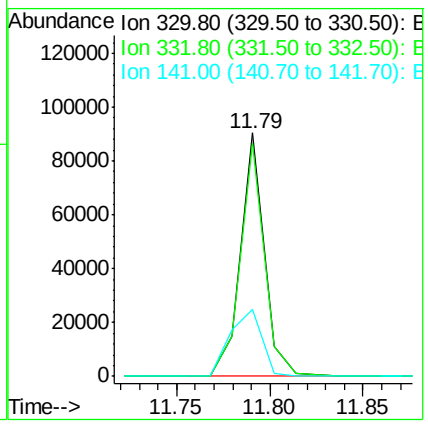





#41
2,4,6-Tribromophenol
Concen: 129.08 ng
RT: 11.79 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:330 Resp: 80721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.3 | 0.0 | 0.0# |
| 141 | 37.2 | 0.0 | 0.0# |




**Instrument :**
BNA_F
**ClientSampleId :**
PB82403BS

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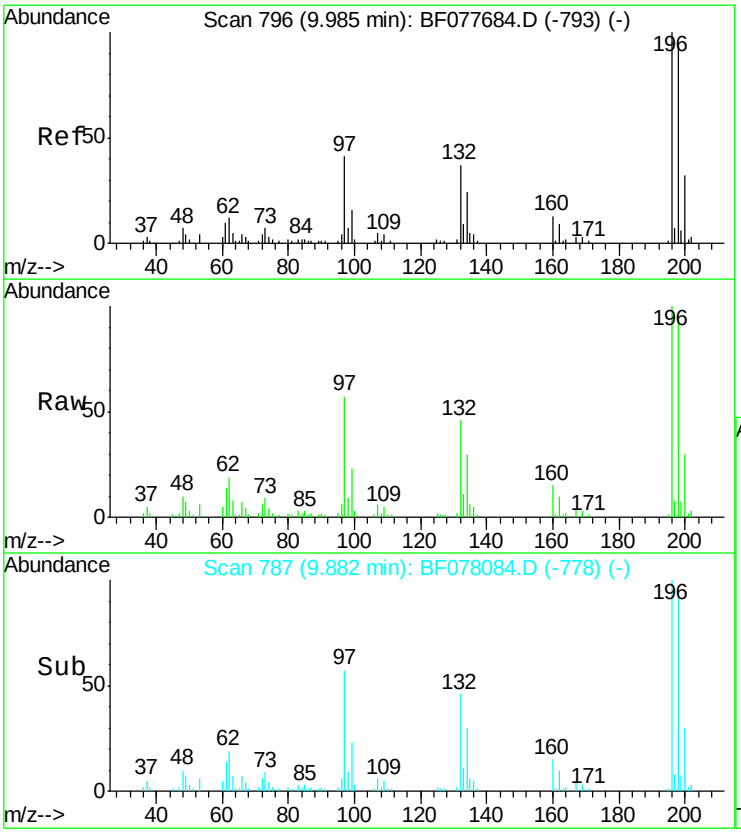
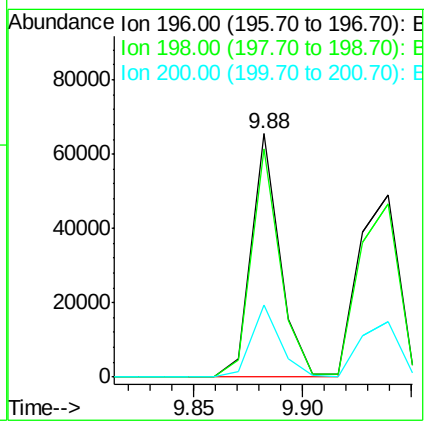
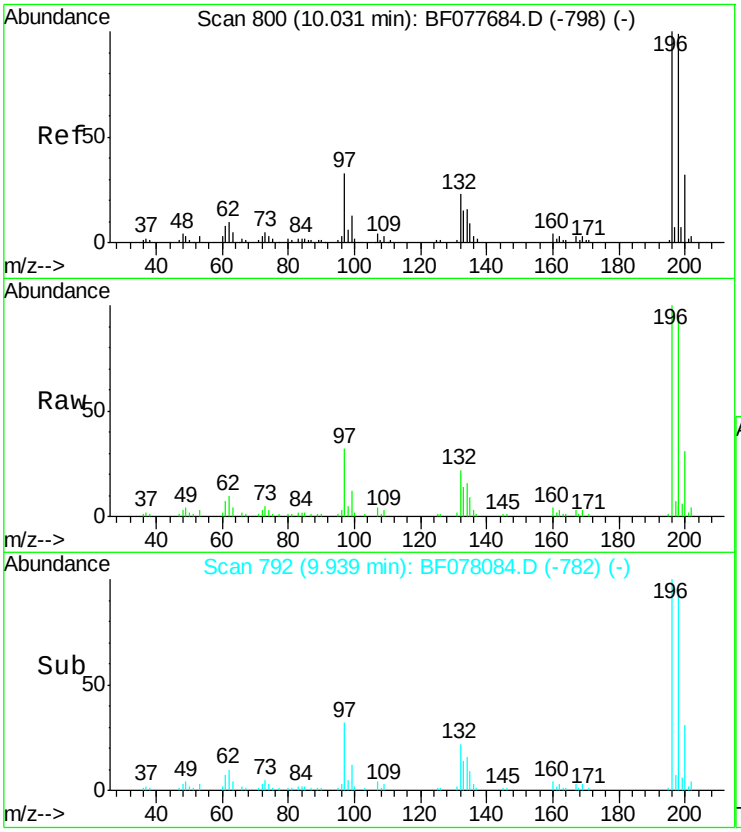



#42
2,4,6-Trichlorophenol
Concen: 44.51 ng
RT: 9.88 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:196 Resp: 60113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.9 | 76.3 | 114.5 |
| 200 | 29.6 | 25.6 | 38.4 |

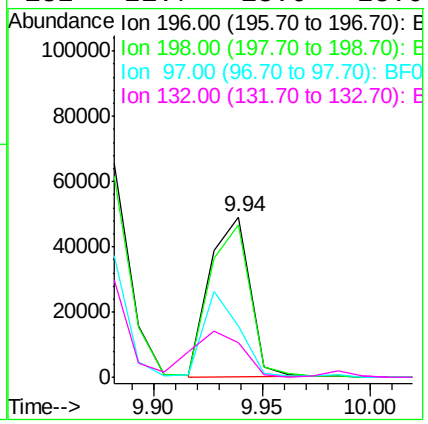





#43
2,4,5-Trichlorophenol
Concen: 43.01 ng
RT: 9.94 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:196 Resp: 62748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.8 | 79.4 | 119.0 |
| 97 | 31.8 | 26.8 | 40.2 |
| 132 | 21.7 | 18.6 | 28.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB82403BS

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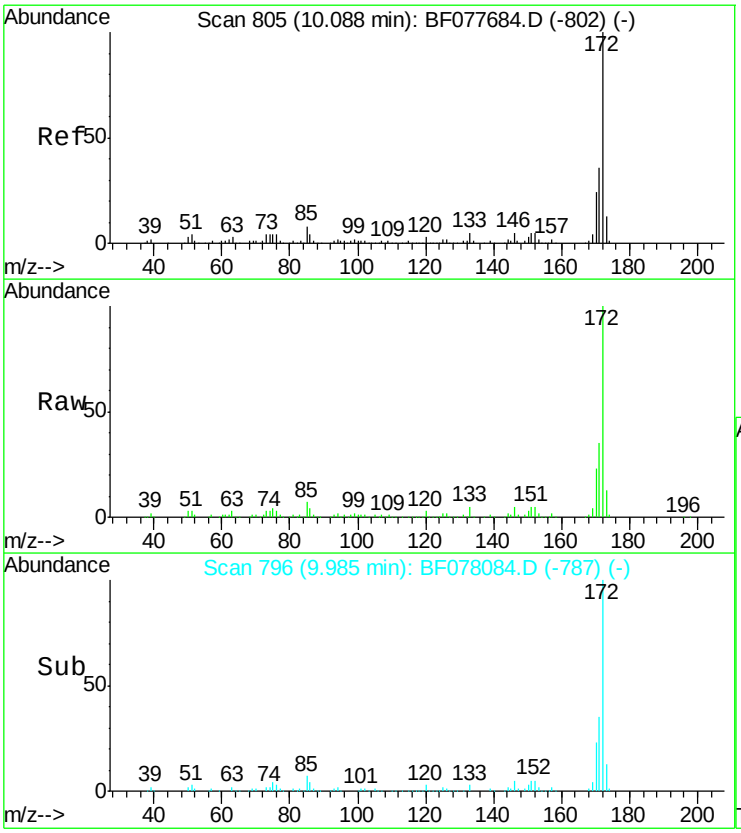
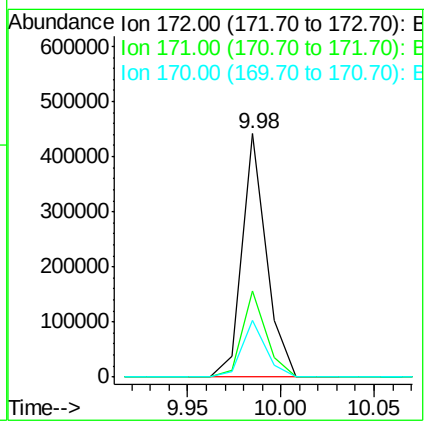
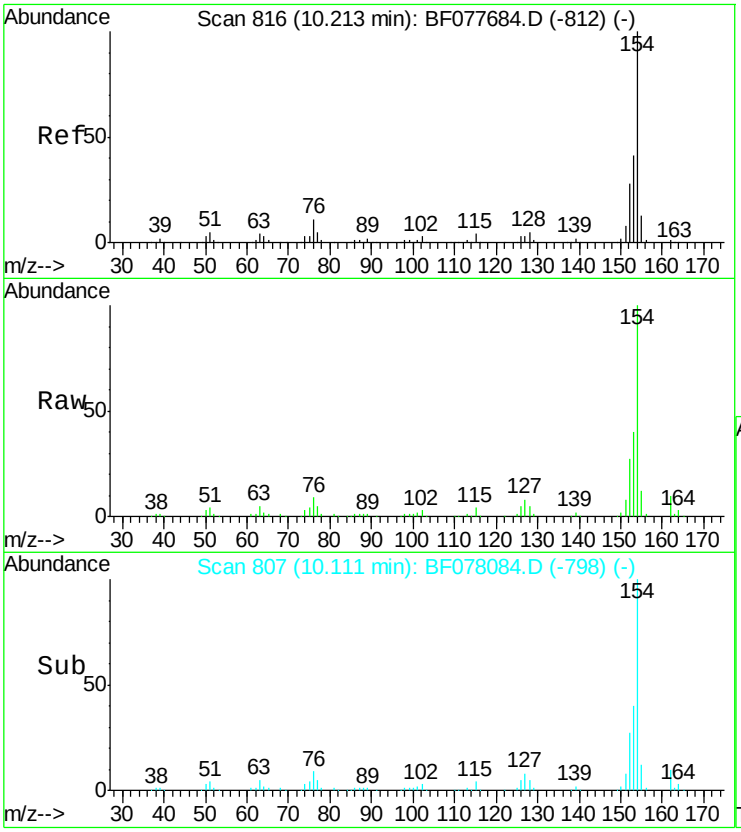



#44
2-Fluorobiphenyl
Concen: 90.13 ng
RT: 9.98 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:172 Resp: 400880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.4 | 28.5 | 42.7 |
| 170 | 23.2 | 18.8 | 28.2 |

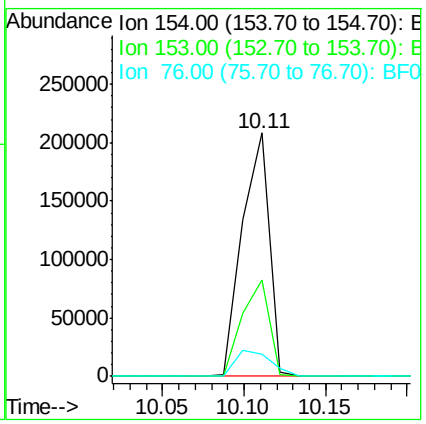





#45
1,1'-Biphenyl
Concen: 45.71 ng
RT: 10.11 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:154 Resp: 238831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.8 | 20.7 | 60.7 |
| 76 | 9.2 | 0.0 | 30.9 |




**Instrument :**
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**ClientSampleId :**
PB82403BS

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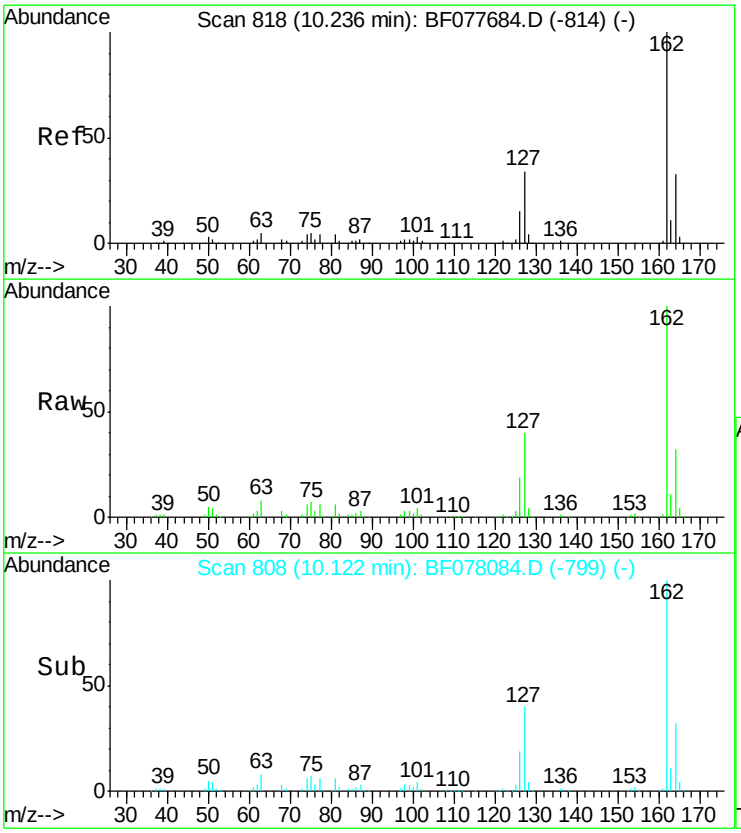
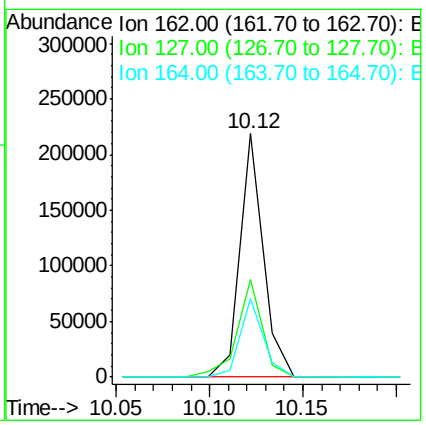
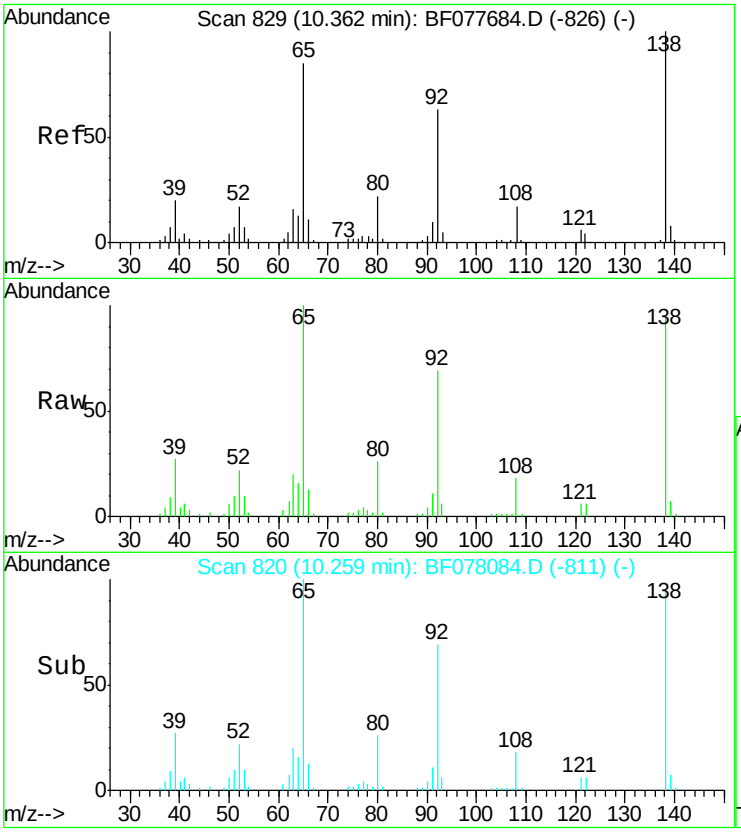



#46
2-Chloronaphthalene
Concen: 45.06 ng
RT: 10.12 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:162 Resp: 191321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 40.0 | 26.9 | 40.3 |
| 164 | 32.5 | 26.8 | 40.2 |

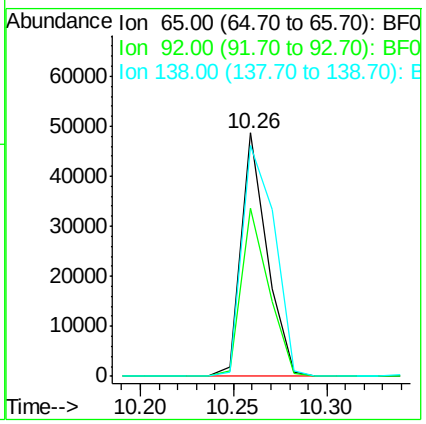





#47
2-Nitroaniline
Concen: 44.67 ng
RT: 10.26 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion: 65 Resp: 47112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 69.1 | 59.1 | 88.7 |
| 138 | 94.6 | 93.9 | 140.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB82403BS

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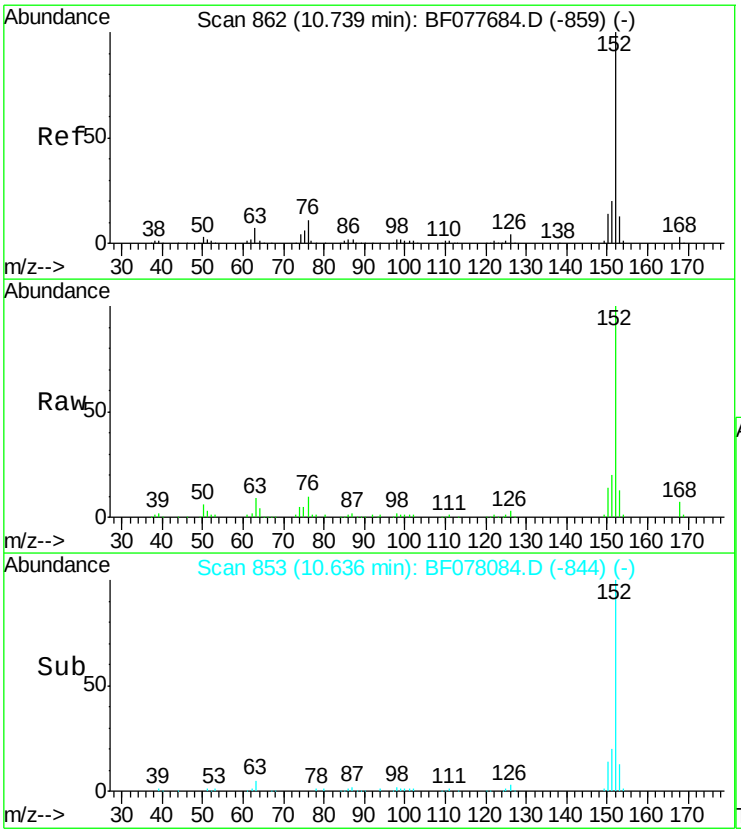
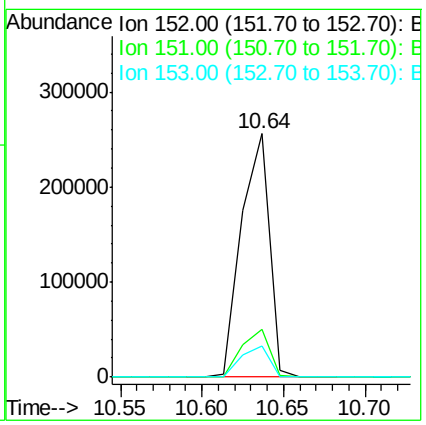
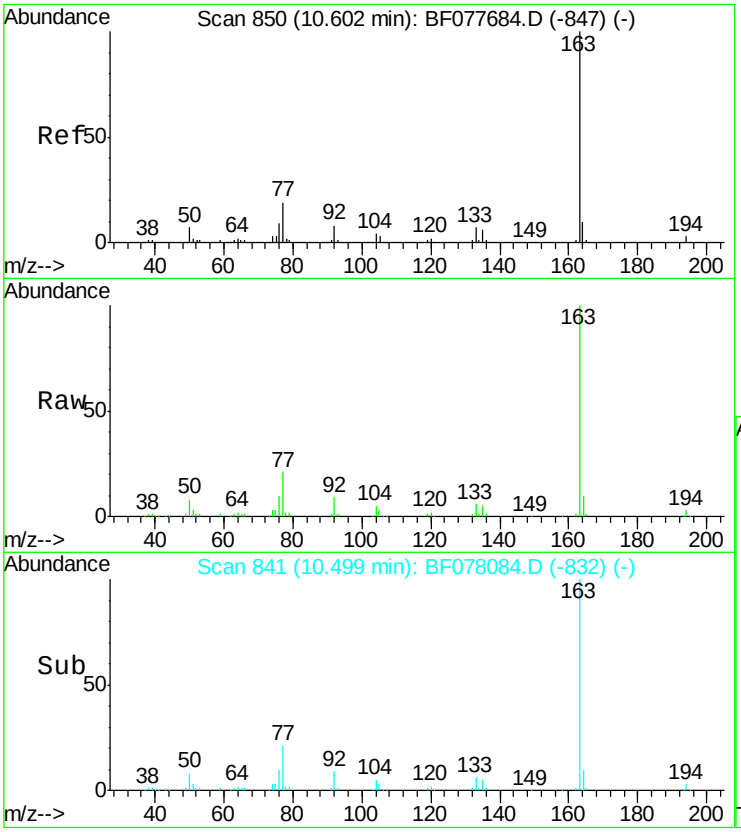



#48
Acenaphthylene
Concen: 42.97 ng
RT: 10.64 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:152 Resp: 303386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.8 | 15.9 | 23.9 |
| 153 | 12.7 | 10.6 | 16.0 |

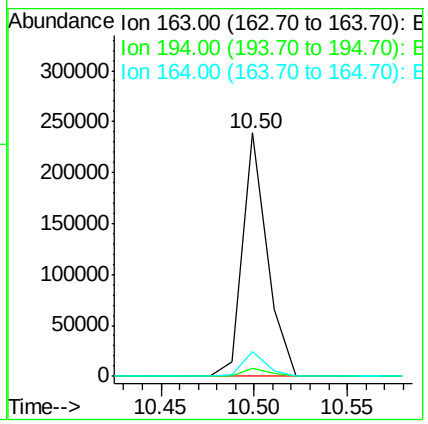





#49
Dimethylphthalate
Concen: 45.23 ng
RT: 10.50 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:163 Resp: 219256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.2 | 2.7 | 4.1 |
| 164 | 10.4 | 8.2 | 12.2 |




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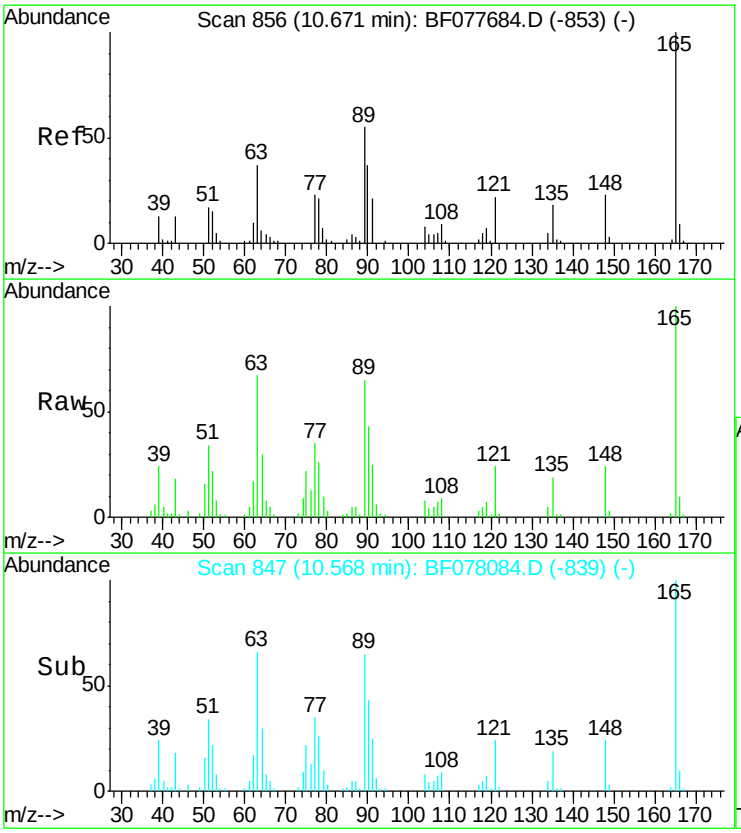
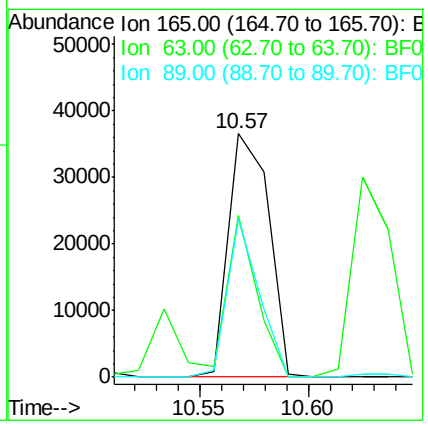
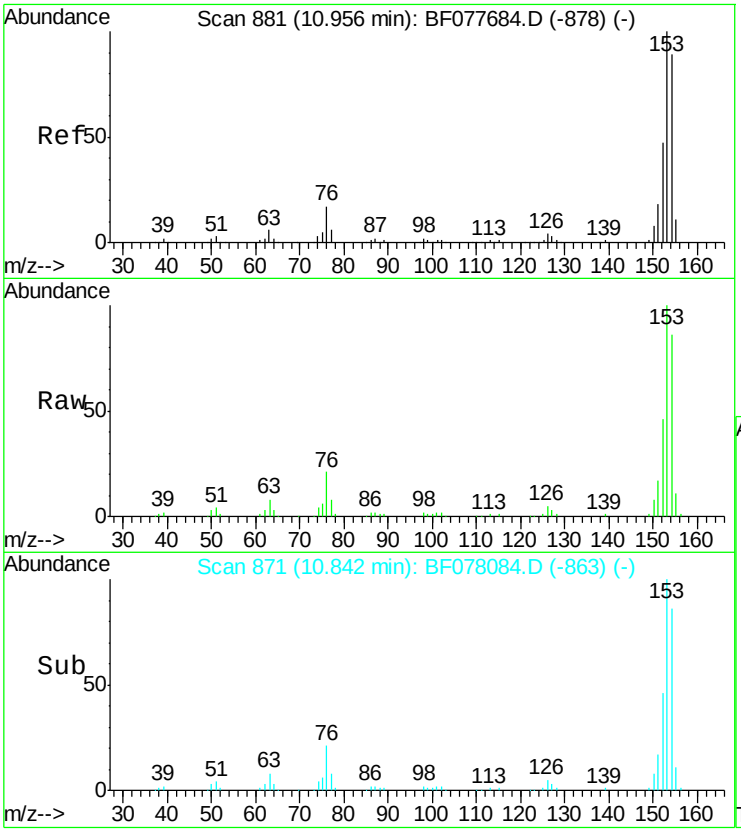



#50
2,6-Dinitrotoluene
Concen: 46.96 ng
RT: 10.57 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:165 Resp: 47188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 66.6 | 44.1 | 66.1# |
| 89 | 64.9 | 44.3 | 66.5 |

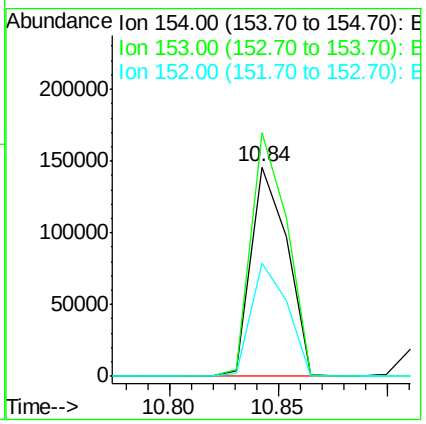





#51
Acenaphthene
Concen: 42.12 ng
RT: 10.84 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:154 Resp: 170513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 116.5 | 90.0 | 135.0 |
| 152 | 54.1 | 42.6 | 63.8 |




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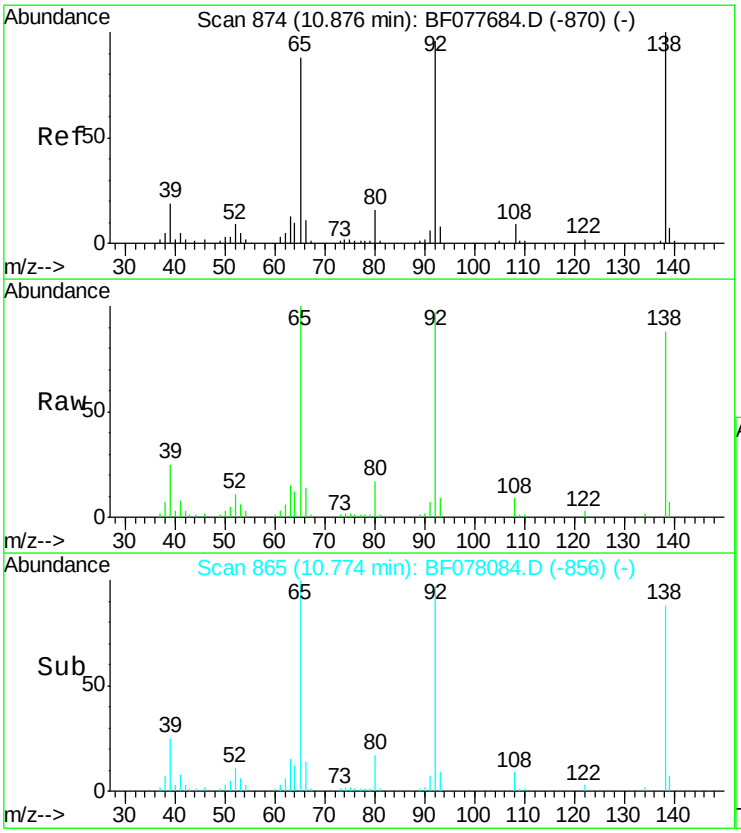
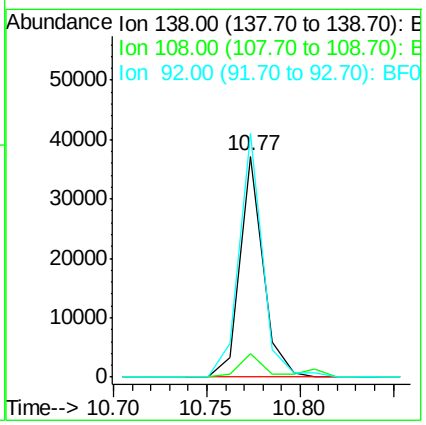
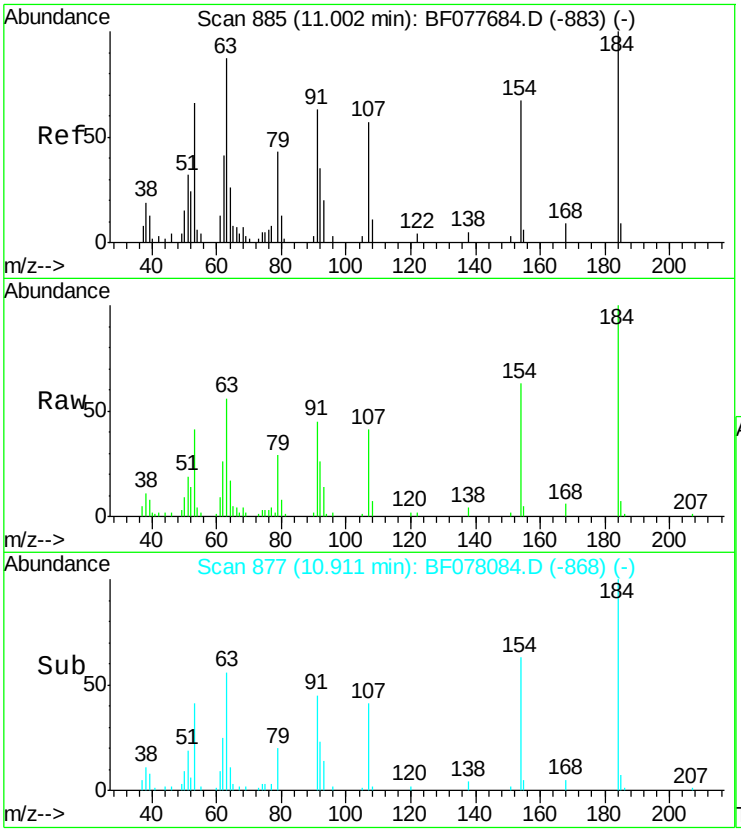



#52
3-Nitroaniline
Concen: 27.61 ng
RT: 10.77 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:138 Resp: 32217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.6 | 7.3 | 10.9 |
| 92 | 110.2 | 76.6 | 114.8 |

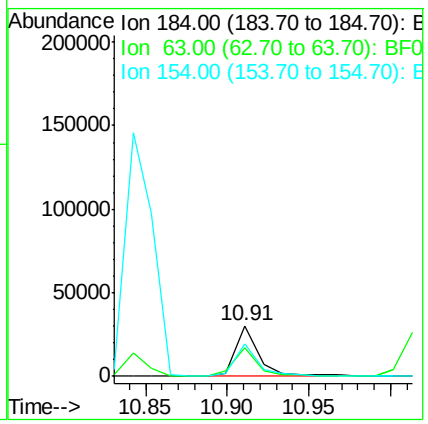





#53
2,4-Dinitrophenol
Concen: 81.31 ng
RT: 10.91 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:184 Resp: 30072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 55.7 | 69.2 | 103.8# |
| 154 | 62.7 | 53.3 | 79.9 |

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**ClientSampleId :**
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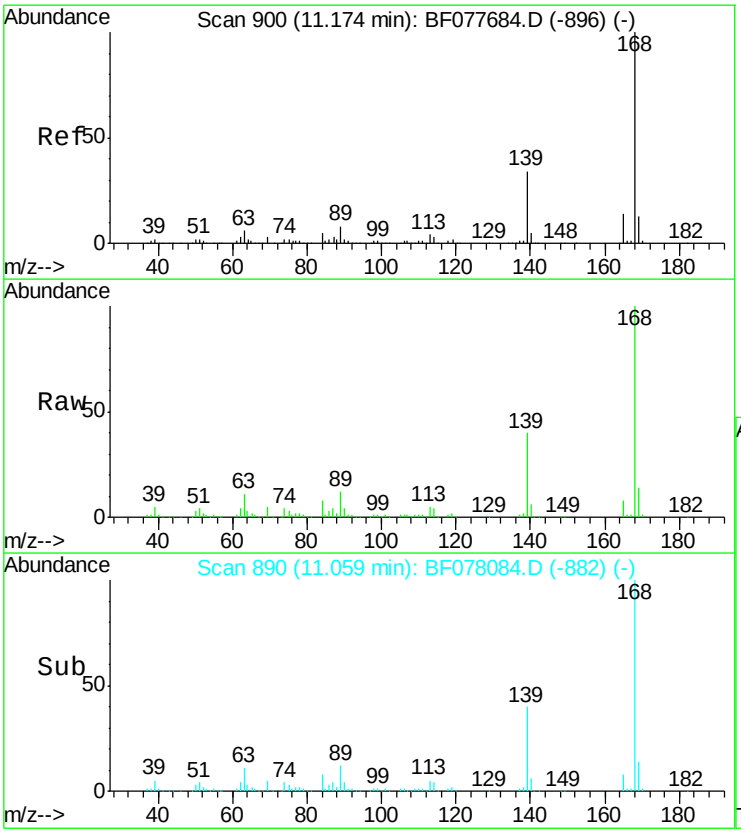
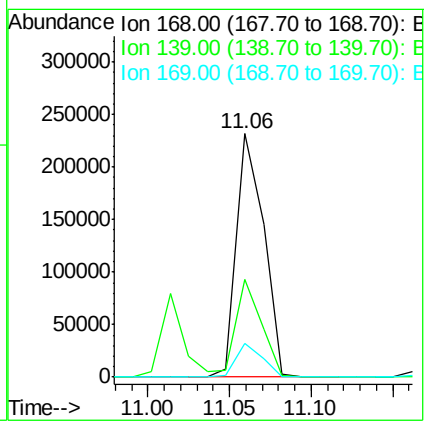
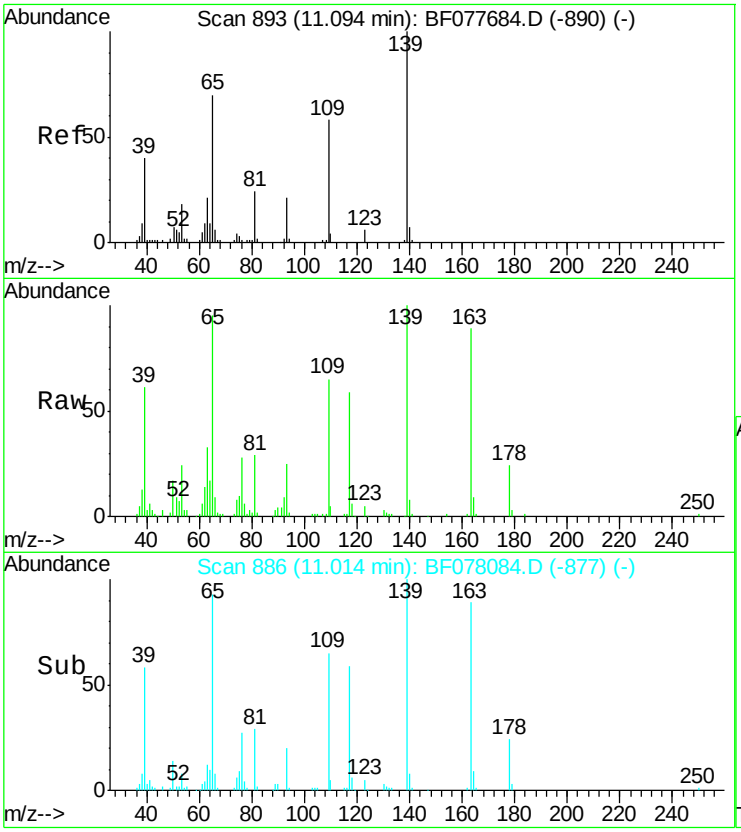



#54
Dibenzofuran
Concen: 44.29 ng
RT: 11.06 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:168 Resp: 265947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 39.9 | 27.3 | 40.9 |
| 169 | 13.7 | 10.6 | 16.0 |

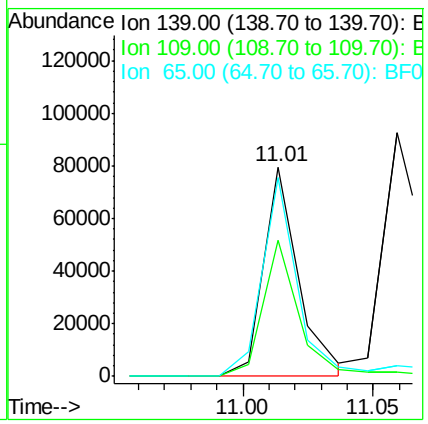





#55
4-Nitrophenol
Concen: 86.66 ng
RT: 11.01 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:139 Resp: 74918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 65.2 | 37.7 | 77.7 |
| 65 | 95.1 | 49.9 | 89.9# |




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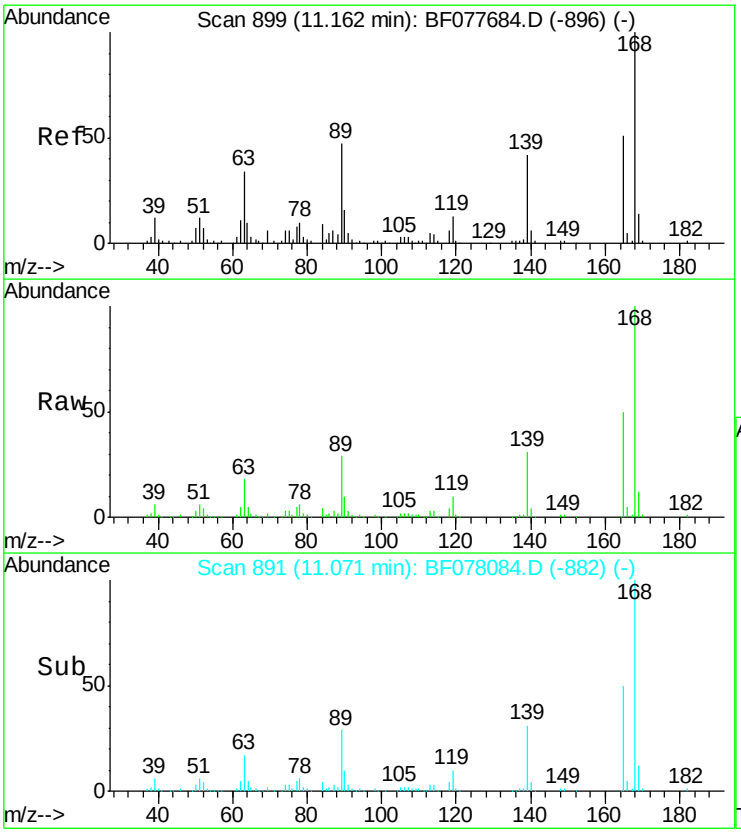
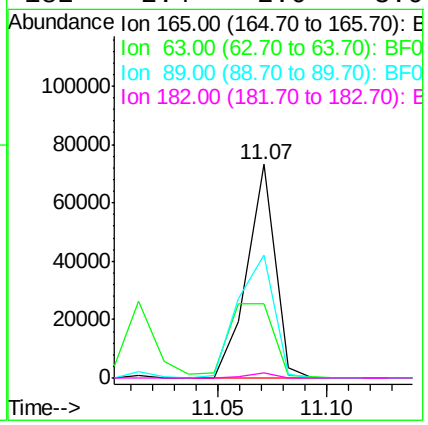
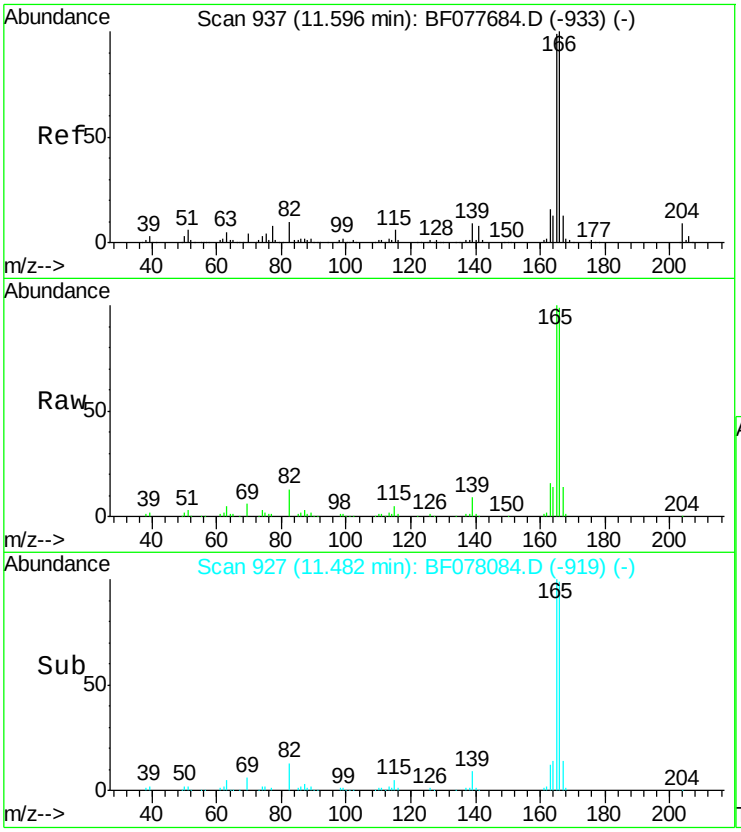



#56
2,4-Dinitrotoluene
Concen: 50.16 ng
RT: 11.07 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:165 Resp: 65726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 34.8 | 52.4 | 78.6# |
| 89 | 57.2 | 72.4 | 108.6# |
| 182 | 2.4 | 2.0 | 3.0 |

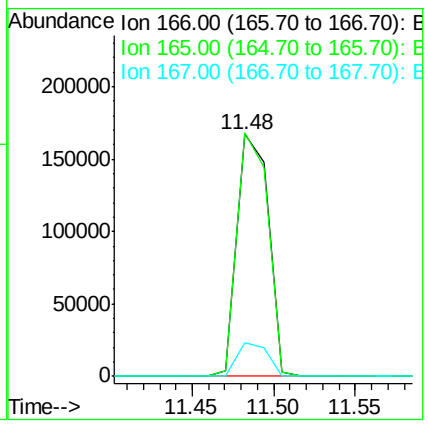





#57
Fluorene
Concen: 44.31 ng
RT: 11.48 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:166 Resp: 220932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.7 | 79.0 | 118.4 |
| 167 | 13.9 | 10.3 | 15.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB82403BS

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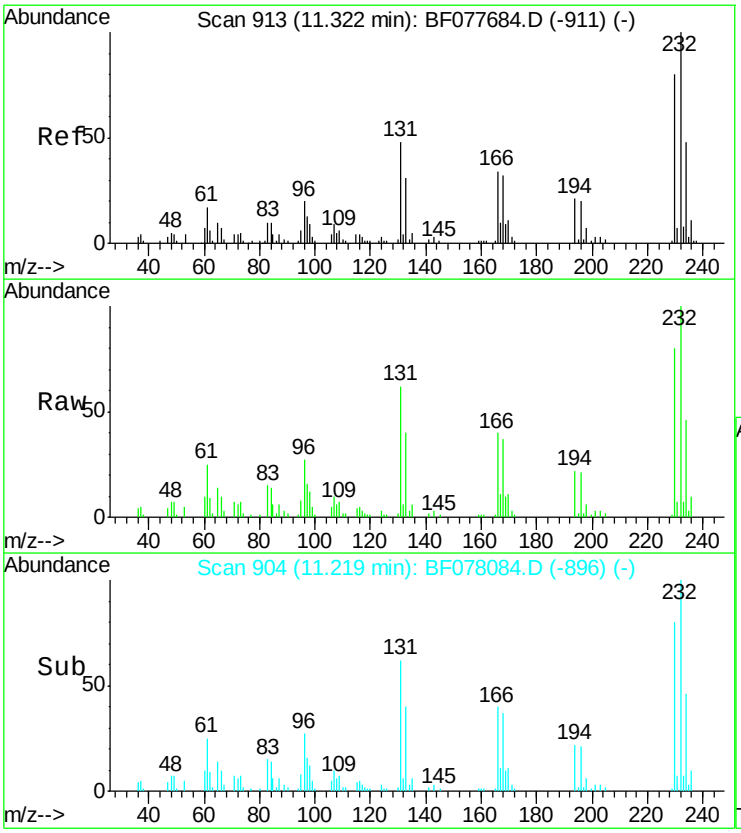
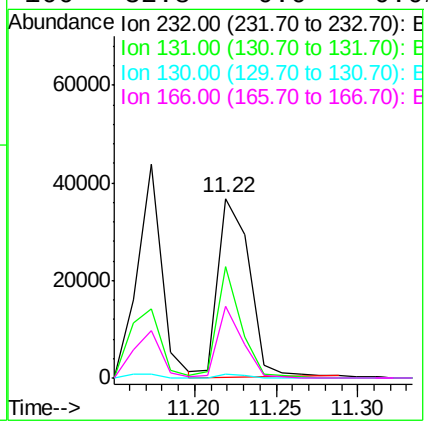
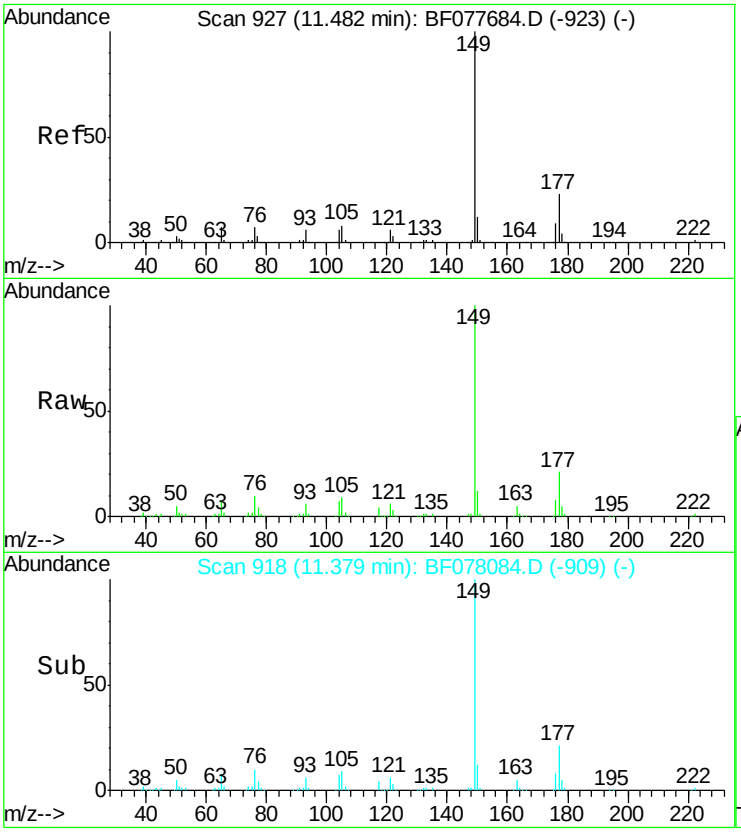



#58
2,3,4,6-Tetrachlorophenol
Concen: 43.19 ng
RT: 11.22 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:232 Resp: 48517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 48.0 | 0.0 | 0.0# |
| 130 | 1.9 | 0.0 | 0.0# |
| 166 | 32.8 | 0.0 | 0.0# |

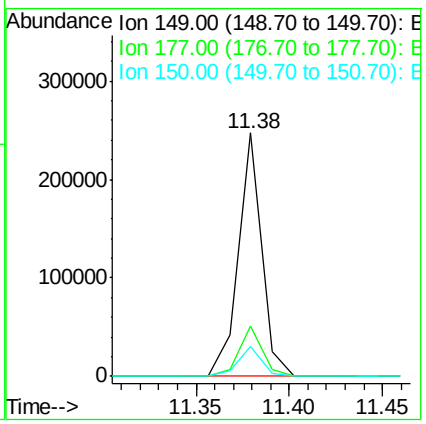





#59
Diethylphthalate
Concen: 45.60 ng
RT: 11.38 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:149 Resp: 215393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 20.7 | 18.3 | 27.5 |
| 150 | 12.4 | 9.8 | 14.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB82403BS

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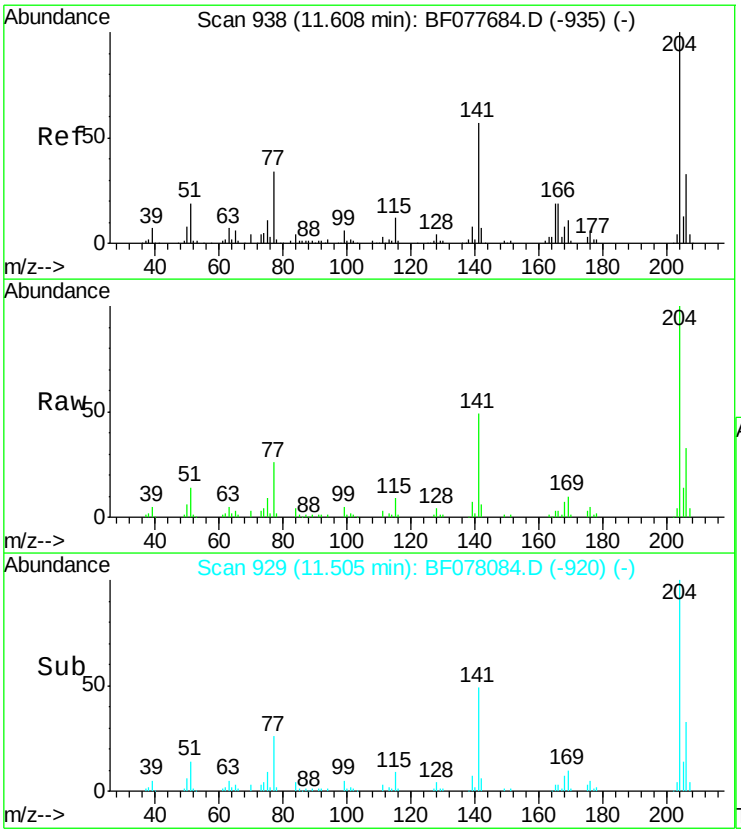
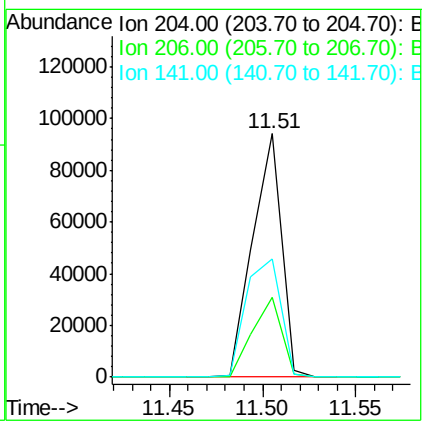
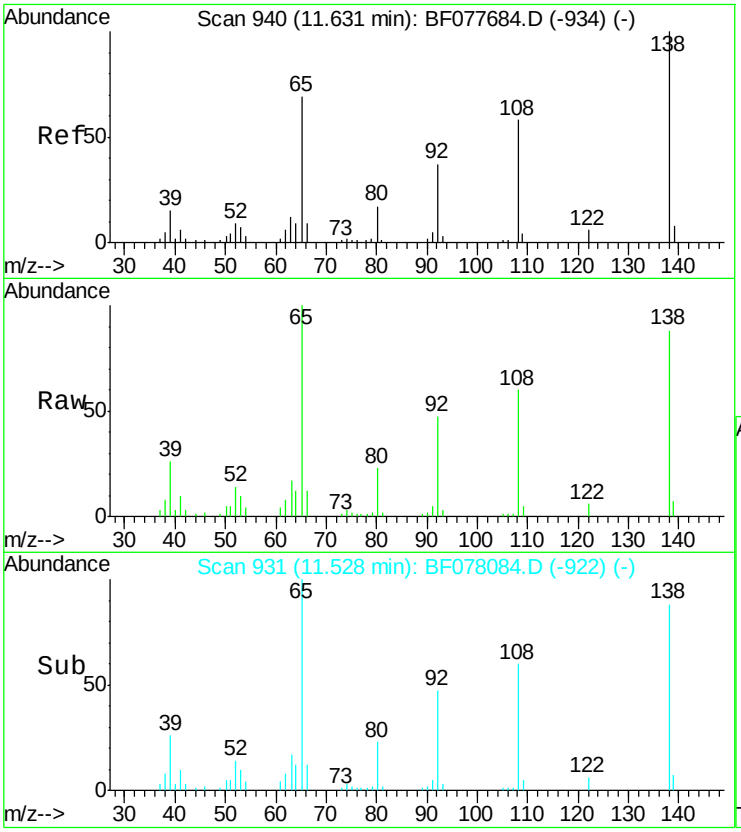



#60
4-Chlorophenyl-phenylether
Concen: 44.31 ng
RT: 11.51 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:204 Resp: 100823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.9 | 26.6 | 39.8 |
| 141 | 48.8 | 45.2 | 67.8 |

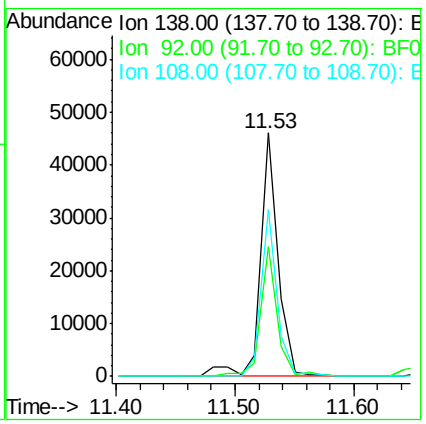





#61
4-Nitroaniline
Concen: 41.48 ng
RT: 11.53 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:138 Resp: 48251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 53.2 | 16.7 | 56.7 |
| 108 | 68.8 | 37.6 | 77.6 |




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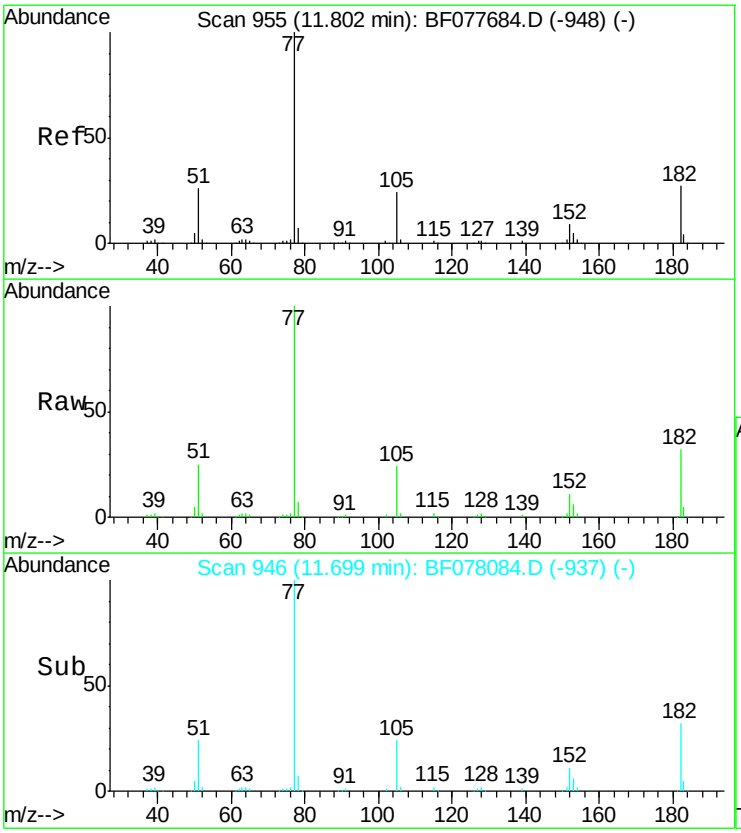
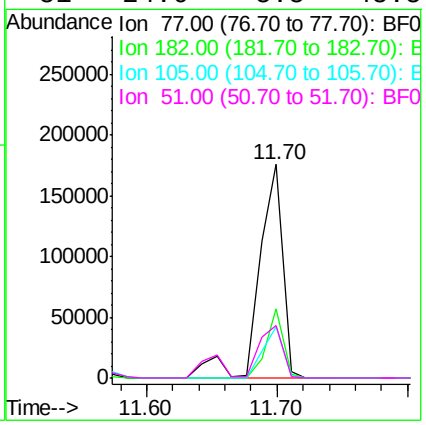
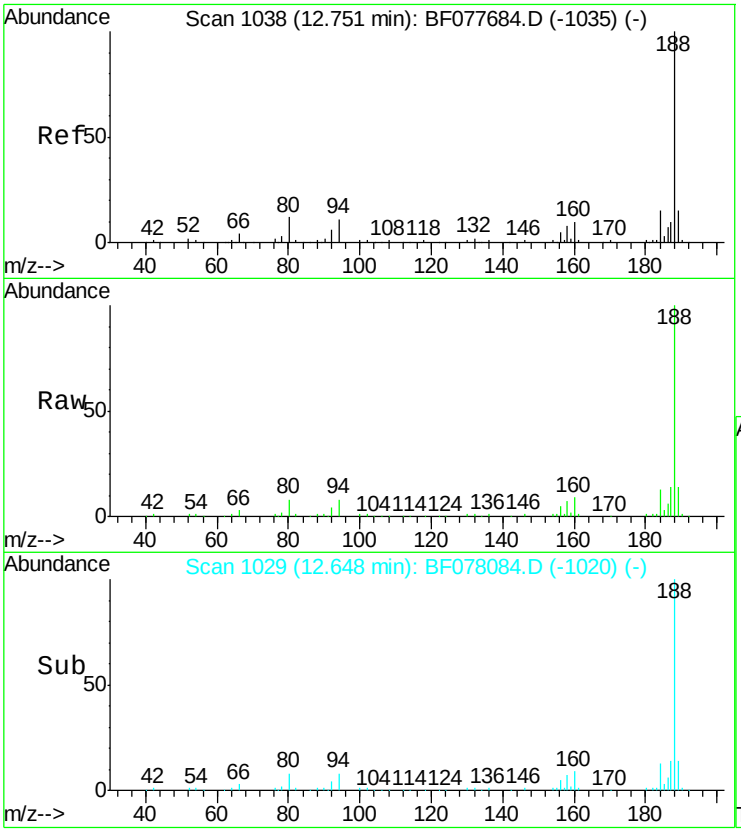



#62
Azobenzene
Concen: 49.56 ng
RT: 11.70 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion: 77 Resp: 223761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 32.2 | 6.5 | 46.5 |
| 105 | 24.2 | 3.8 | 43.8 |
| 51 | 24.6 | 5.5 | 45.5 |






#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.65 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:188 Resp: 133700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.4 | 8.7 | 13.1# |
| 80 | 7.7 | 9.3 | 13.9# |

**Instrument :**
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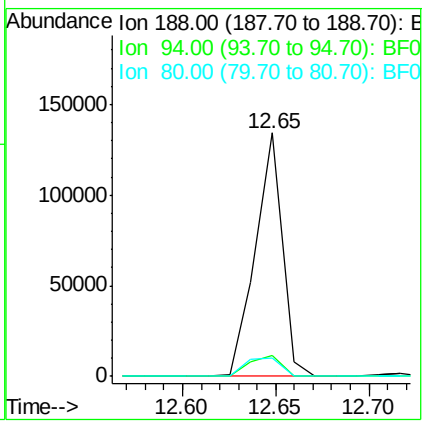
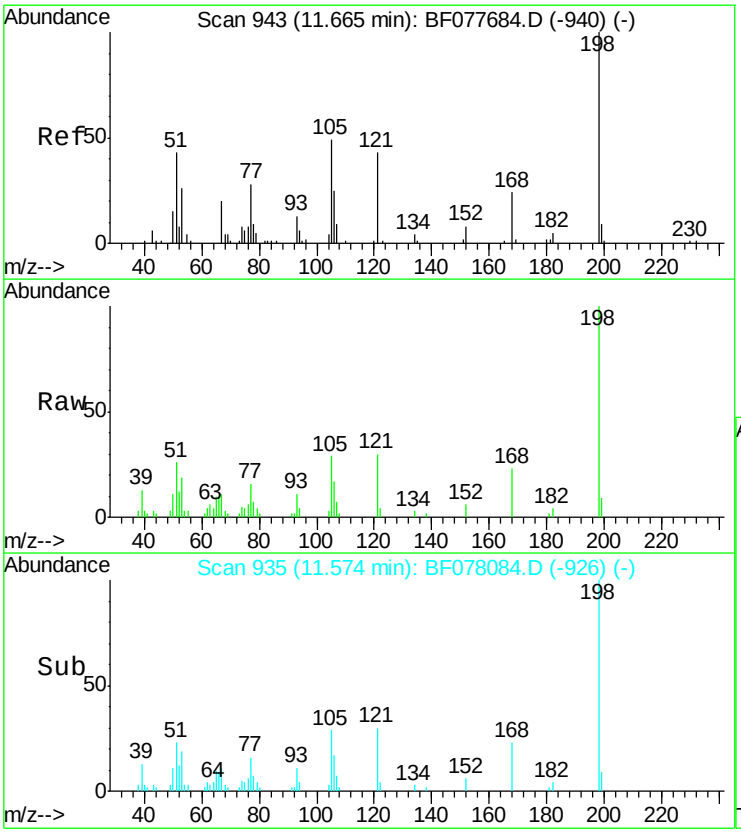
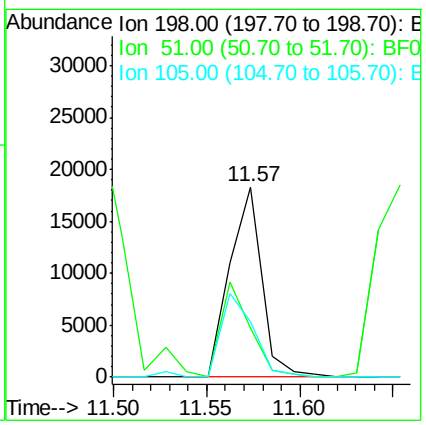


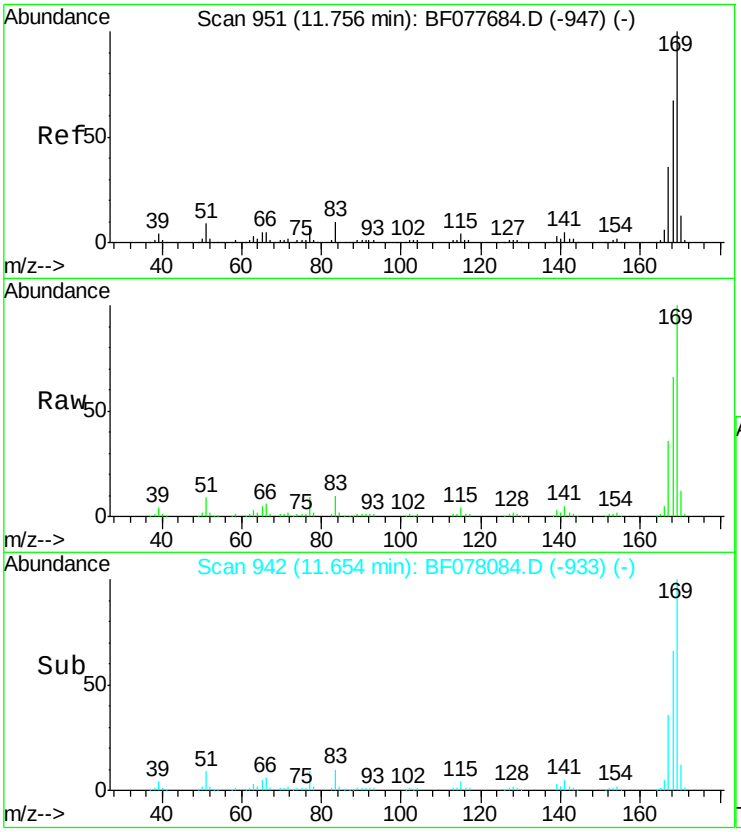




#64
4,6-Dinitro-2-methylphenol
Concen: 36.14 ng
RT: 11.57 min Scan# 935
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:198 Resp: 22078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 25.6 | 28.8 | 68.8# |
| 105 | 29.3 | 30.5 | 70.5# |

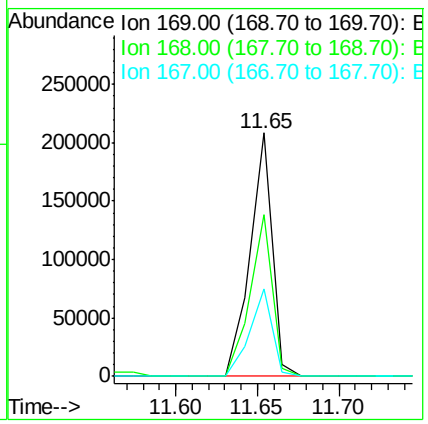





#65
n-Nitrosodiphenylamine
Concen: 44.09 ng
RT: 11.65 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:169 Resp: 196267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.4 | 53.9 | 80.9 |
| 167 | 36.0 | 28.9 | 43.3 |

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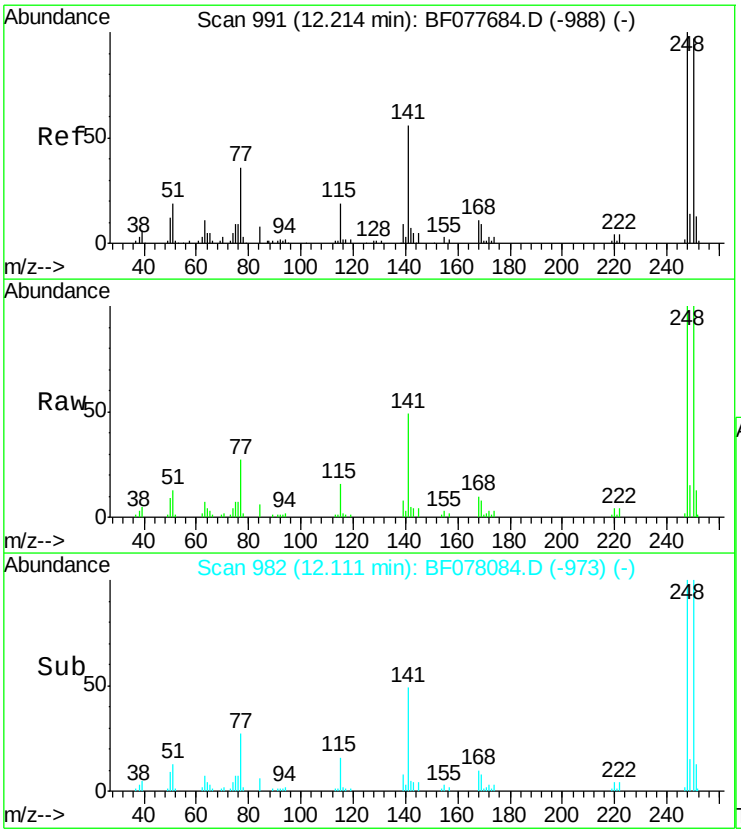
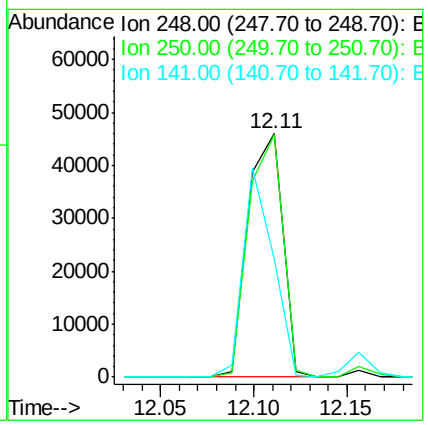
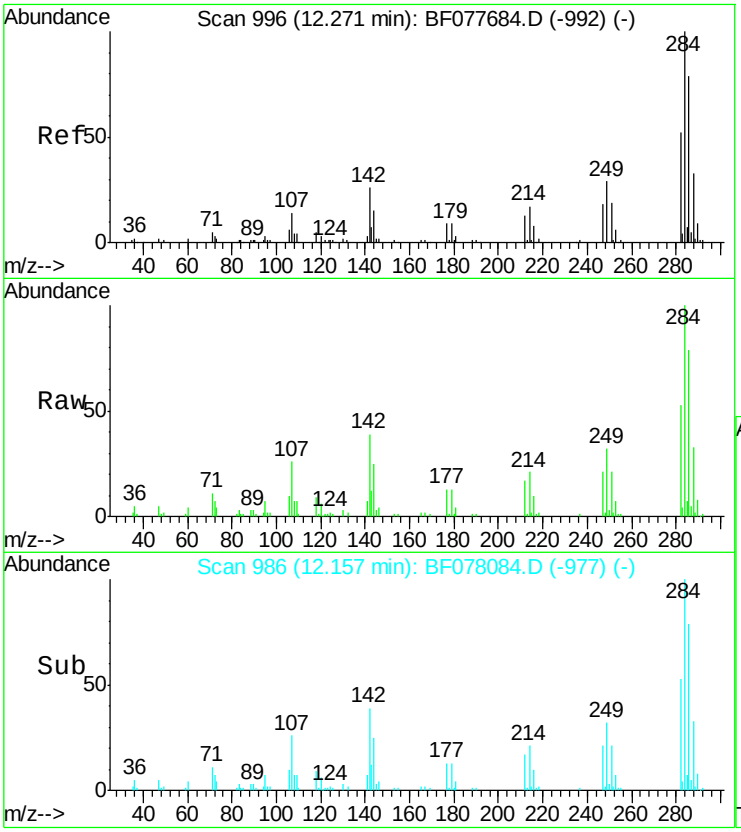



#66
4-Bromophenyl-phenylether
Concen: 41.83 ng
RT: 12.11 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:248 Resp: 59684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 99.8 | 77.4 | 116.0 |
| 141 | 48.8 | 45.2 | 67.8 |

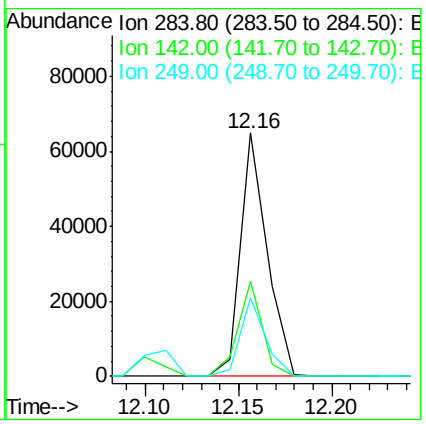





#67
Hexachlorobenzene
Concen: 40.97 ng
RT: 12.16 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:284 Resp: 64229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 39.2 | 20.4 | 30.6# |
| 249 | 32.4 | 23.8 | 35.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB82403BS

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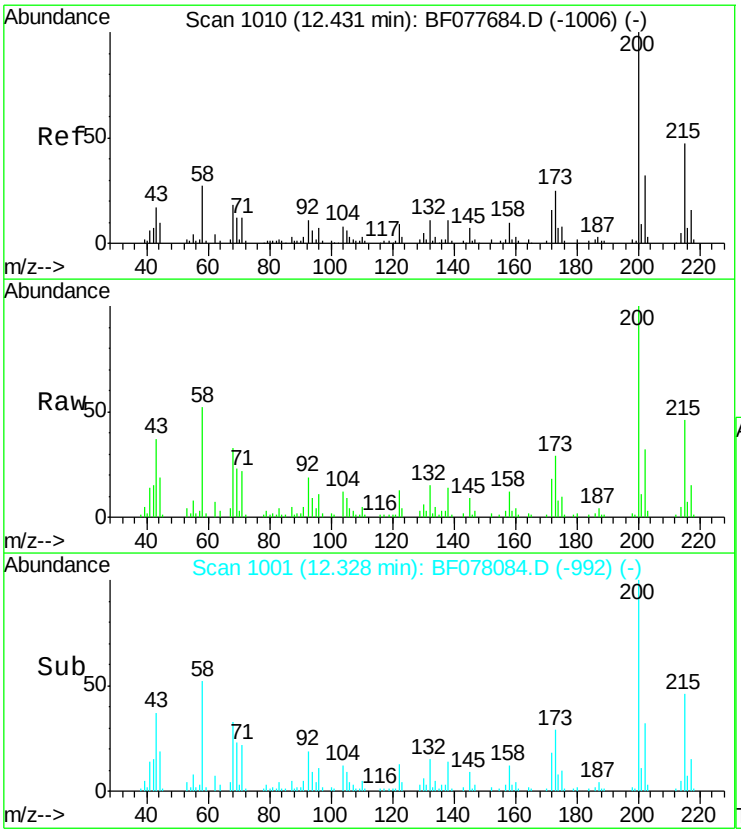
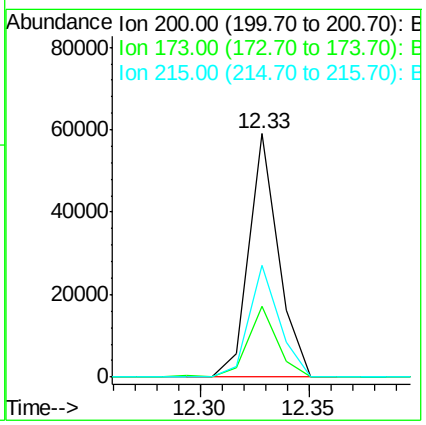
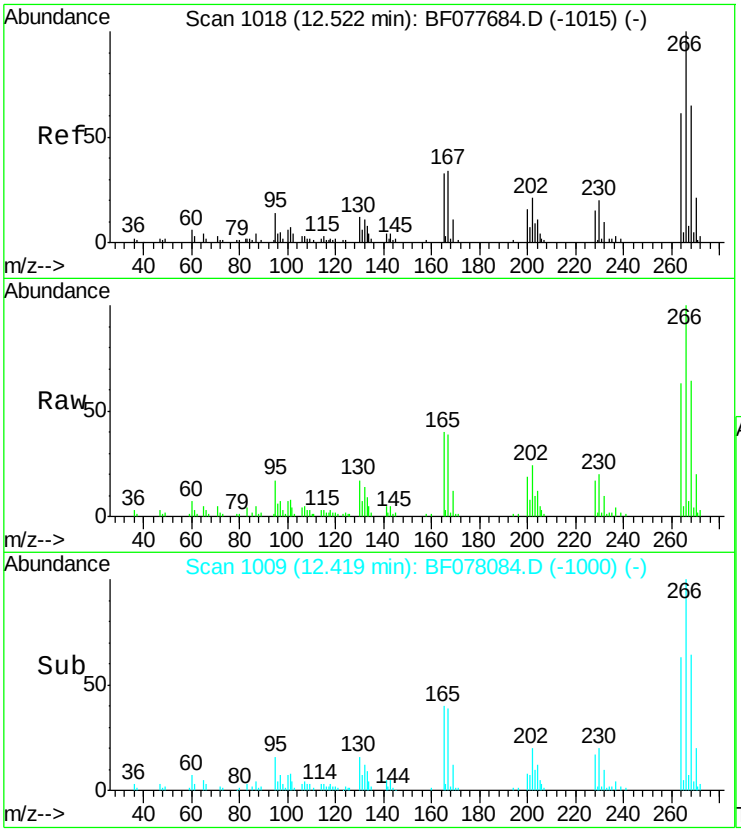



#68
Atrazine
Concen: 44.49 ng
RT: 12.33 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:200 Resp: 55506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 29.3 | 4.8 | 44.8 |
| 215 | 46.2 | 26.9 | 66.9 |

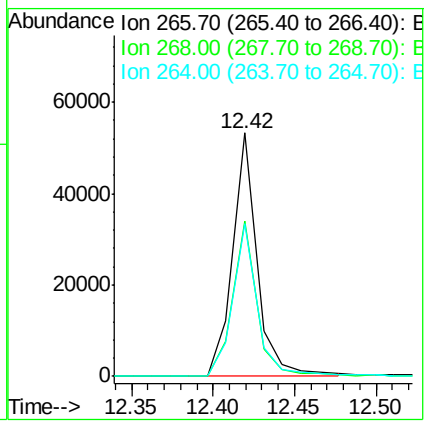





#69
Pentachlorophenol
Concen: 67.94 ng
RT: 12.42 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:266 Resp: 55395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.6 | 52.0 | 78.0 |
| 264 | 62.5 | 49.0 | 73.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB82403BS

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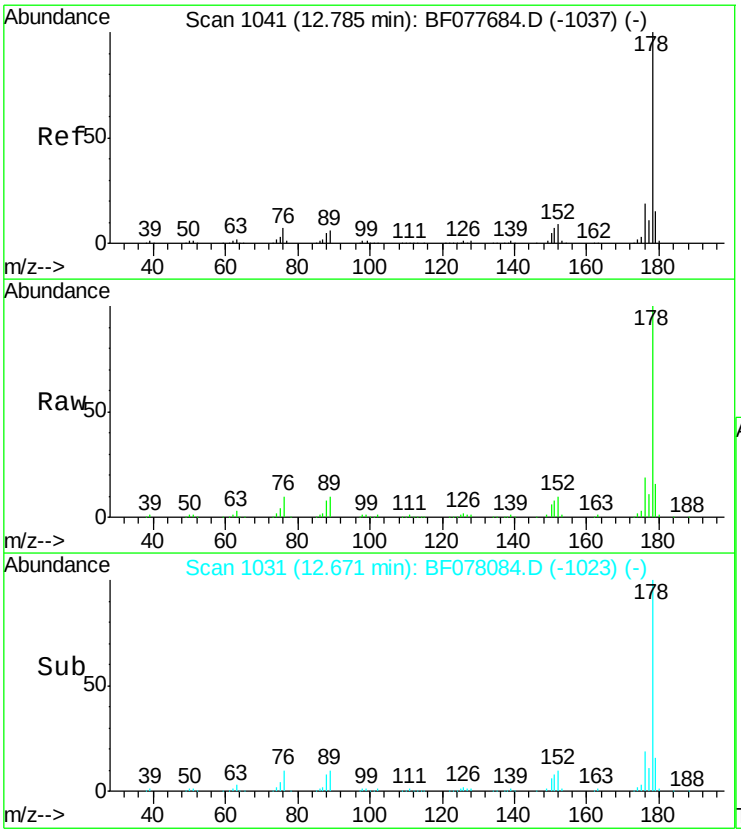
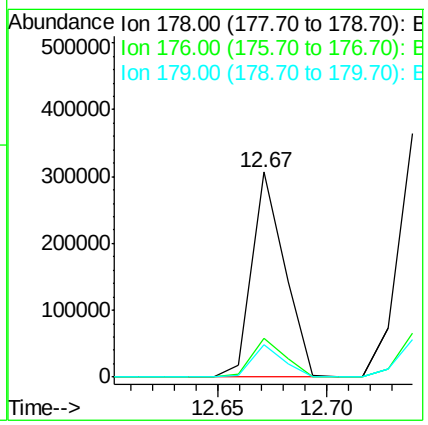
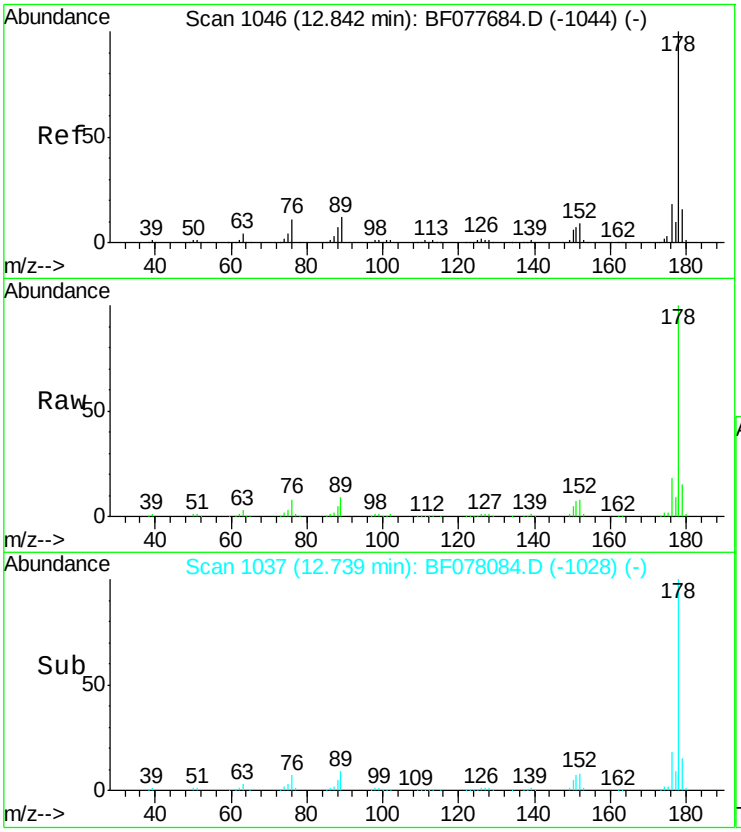



#70
Phenanthrene
Concen: 42.12 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:178 Resp: 323313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 15.2 | 22.8 |
| 179 | 15.8 | 12.1 | 18.1 |

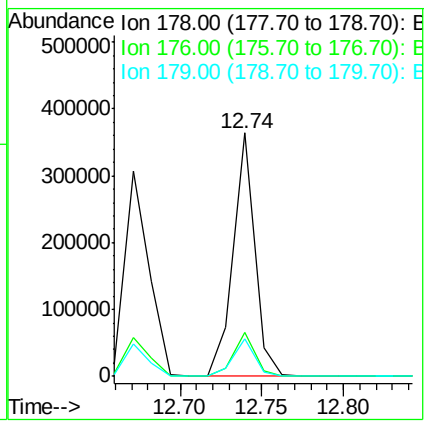





#71
Anthracene
Concen: 43.64 ng
RT: 12.74 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:178 Resp: 330906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.2 | 14.6 | 22.0 |
| 179 | 15.2 | 12.6 | 19.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB82403BS

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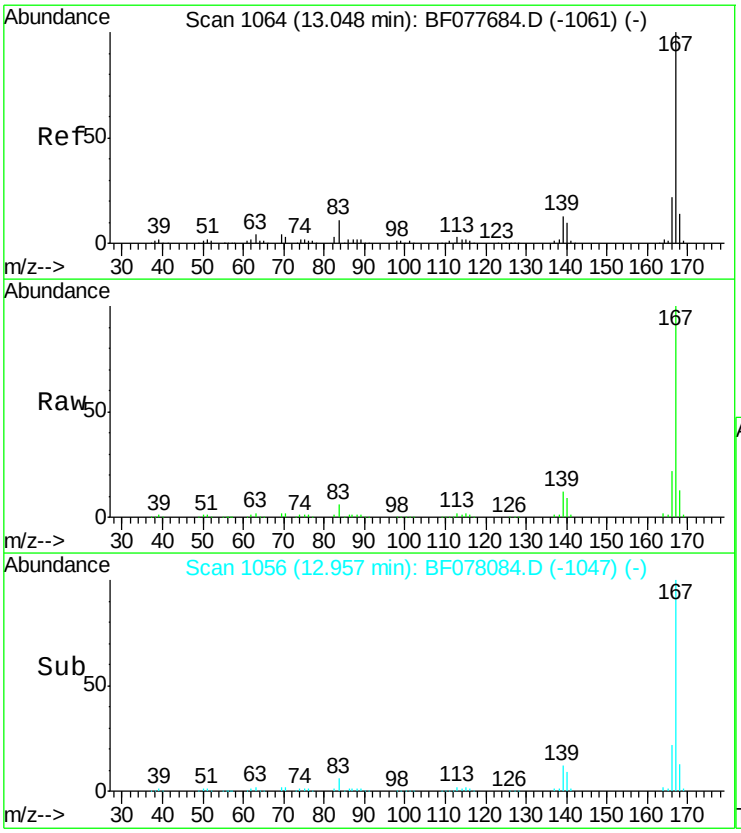
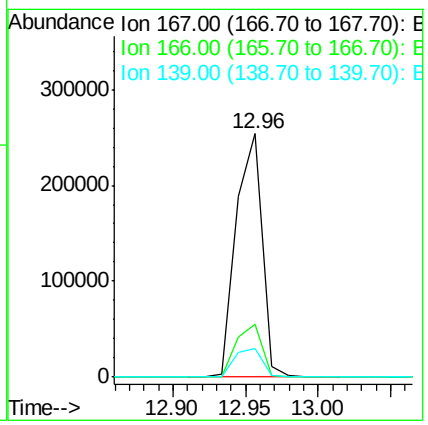
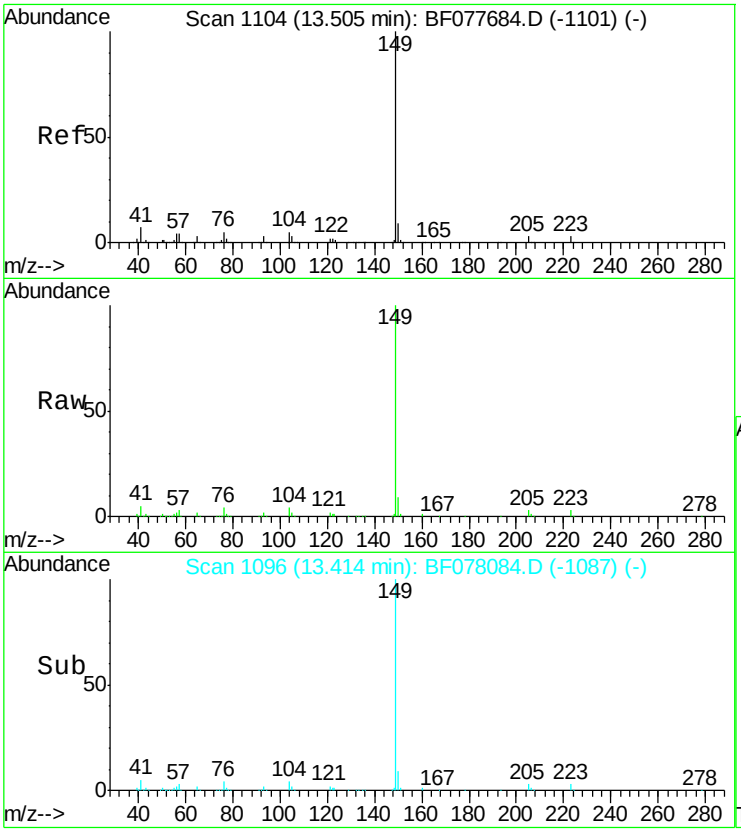



#72
Carbazole
Concen: 43.72 ng
RT: 12.96 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:167 Resp: 315365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.6 | 17.2 | 25.8 |
| 139 | 11.6 | 10.8 | 16.2 |

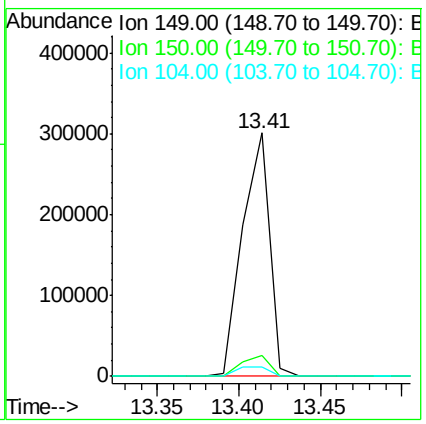





#73
Di-n-butylphthalate
Concen: 42.64 ng
RT: 13.41 min Scan# 1096
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:149 Resp: 344887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 8.8 | 7.5 | 11.3 |
| 104 | 4.1 | 3.7 | 5.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB82403BS

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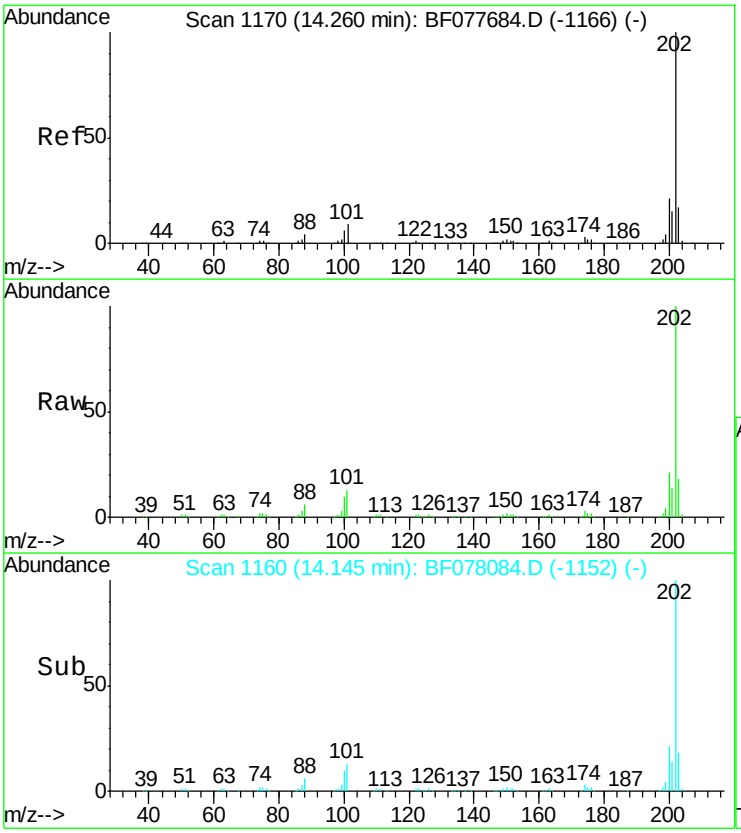
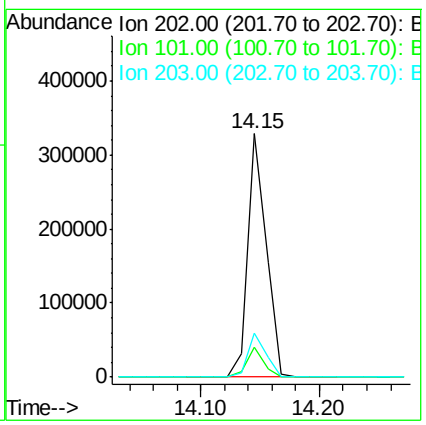
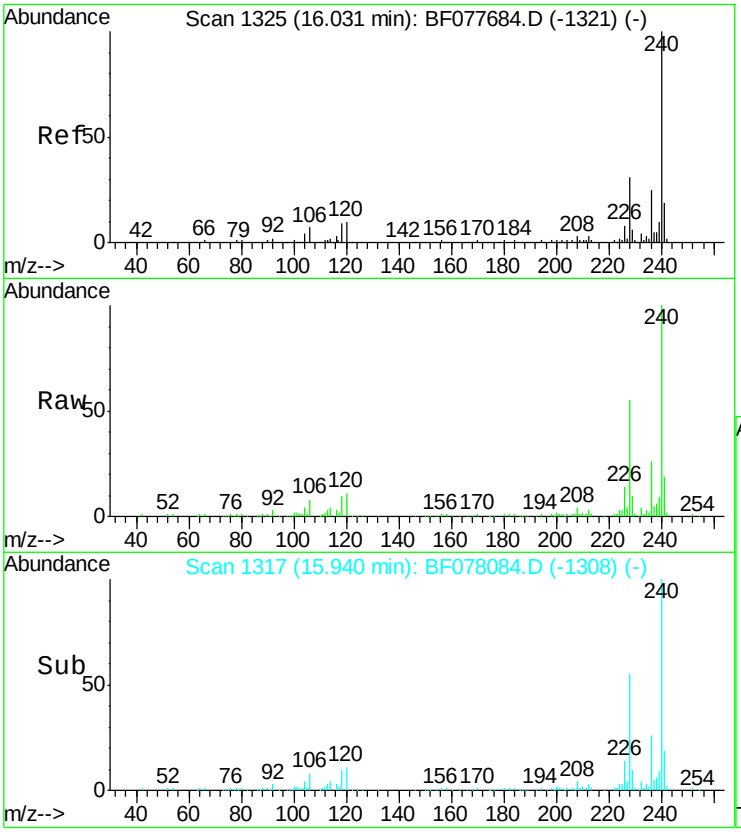



#74
Fluoranthene
Concen: 42.31 ng
RT: 14.15 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:202 Resp: 358172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.5 | 0.0 | 28.7 |
| 203 | 17.9 | 0.0 | 37.2 |

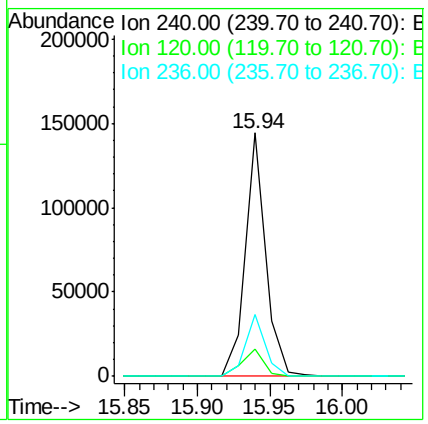





#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.94 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:240 Resp: 141352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.4 | 8.2 | 12.2 |
| 236 | 25.5 | 20.0 | 30.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB82403BS

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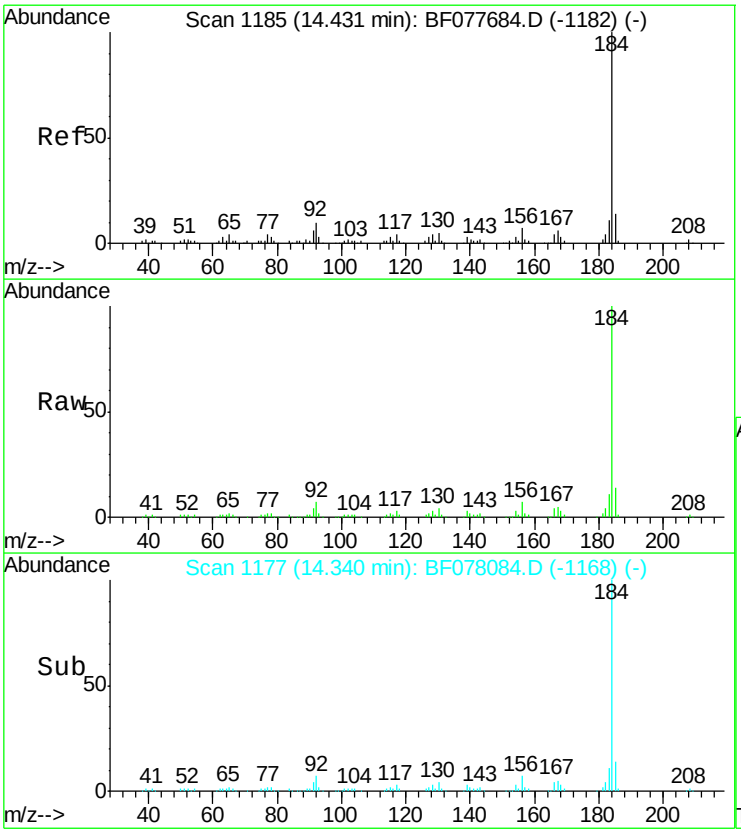
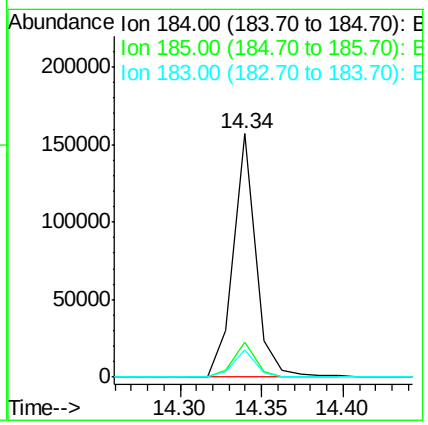
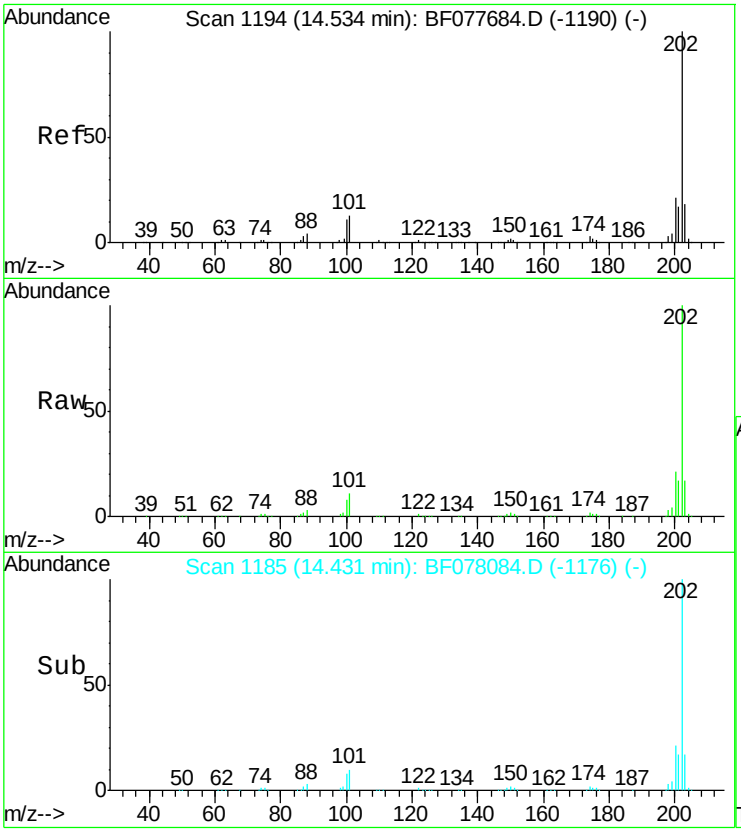



#76
Benzidine
Concen: 43.00 ng
RT: 14.34 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:184 Resp: 150218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.4 | 11.3 | 16.9 |
| 183 | 11.0 | 8.9 | 13.3 |

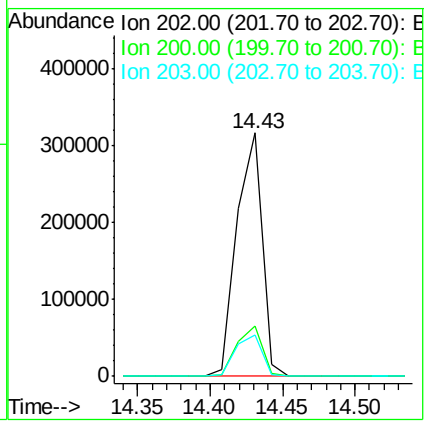





#77
Pyrene
Concen: 43.33 ng
RT: 14.43 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:202 Resp: 385184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.7 | 16.9 | 25.3 |
| 203 | 17.1 | 14.1 | 21.1 |




**Instrument :**
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**ClientSampleId :**
PB82403BS

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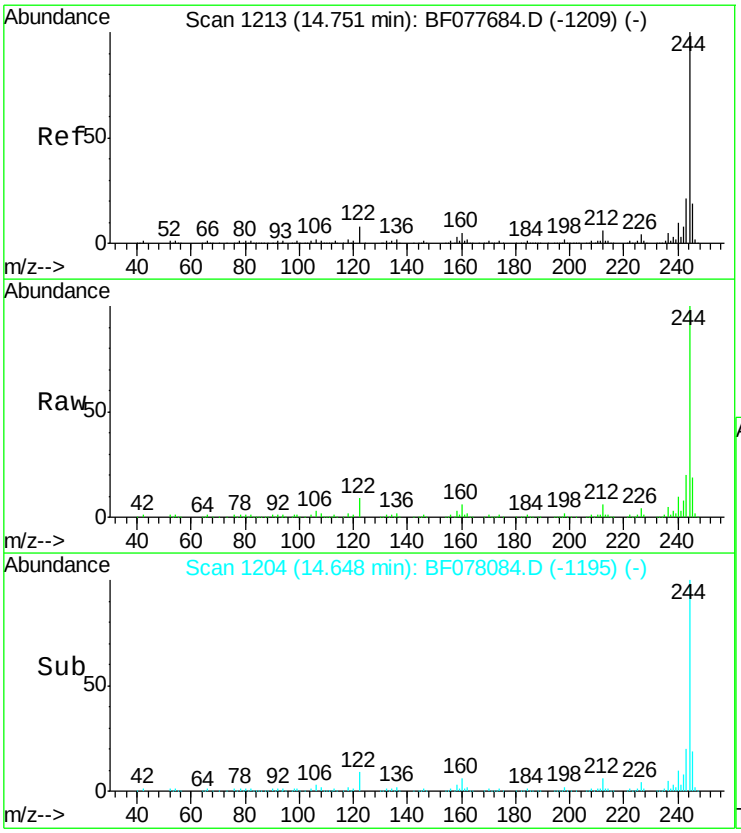
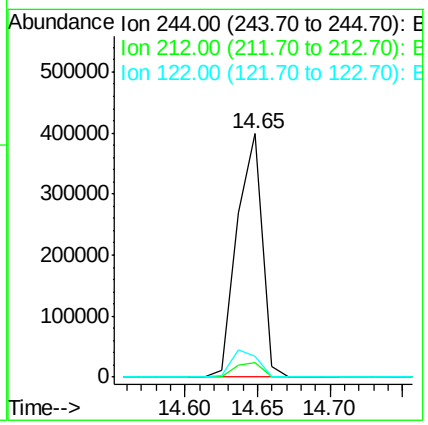
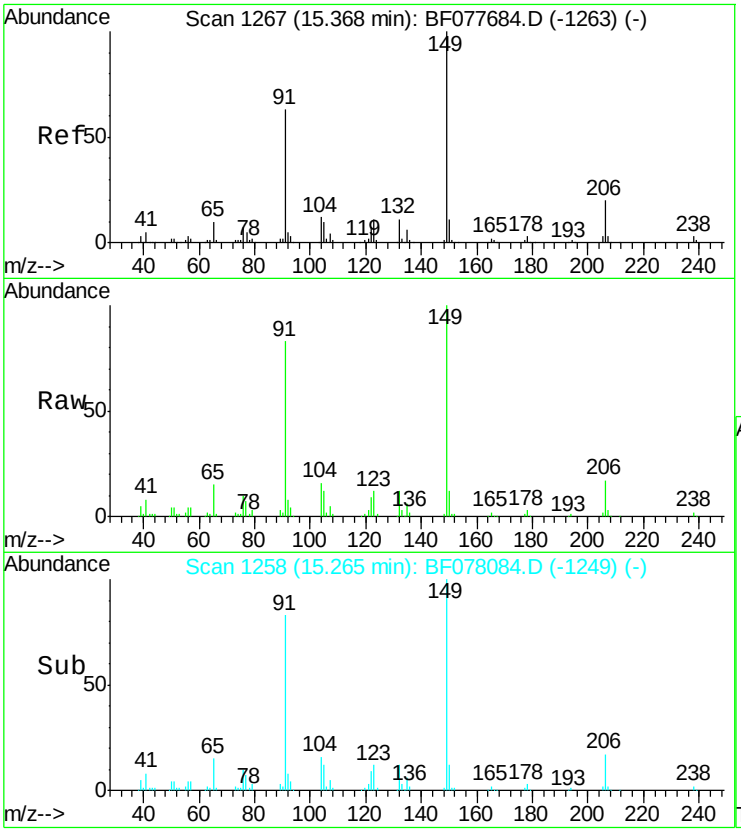



#78
Terphenyl-d14
Concen: 82.74 ng
RT: 14.65 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:244 Resp: 478772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.1 | 4.9 | 7.3 |
| 122 | 8.6 | 6.2 | 9.4 |






#79
Butylbenzylphthalate
Concen: 43.36 ng
RT: 15.27 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:149 Resp: 151943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 83.0 | 50.1 | 75.1# |
| 206 | 16.7 | 16.2 | 24.2 |

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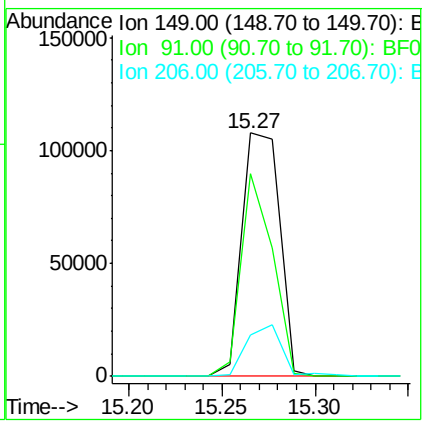
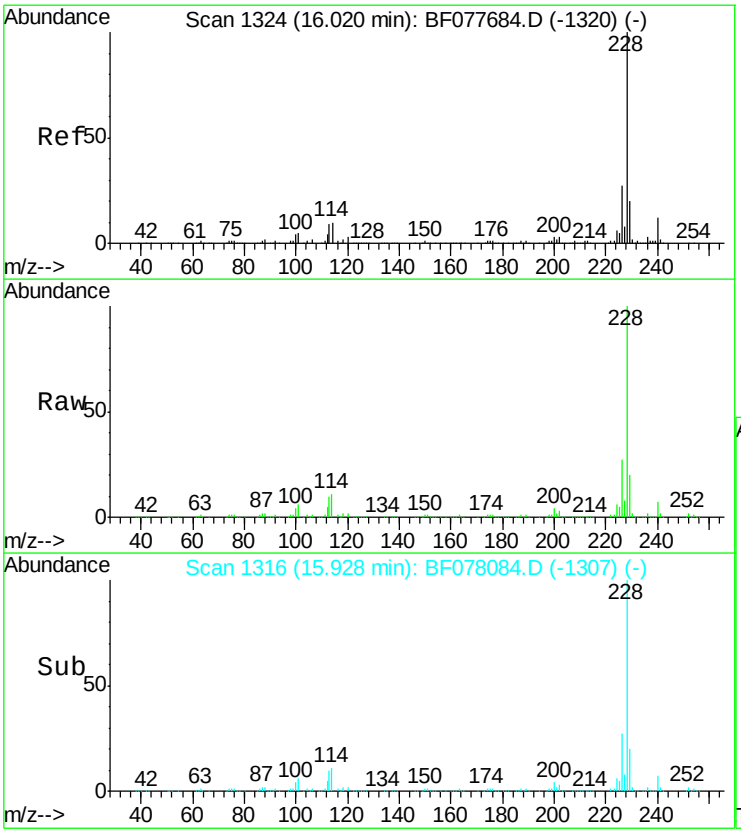
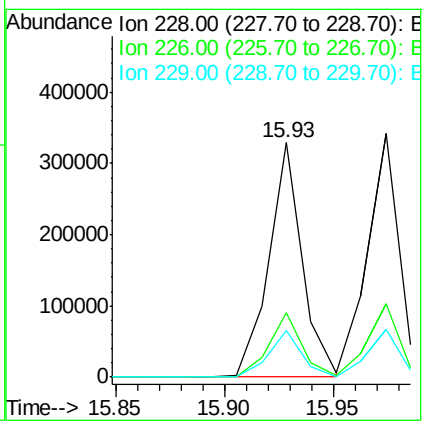


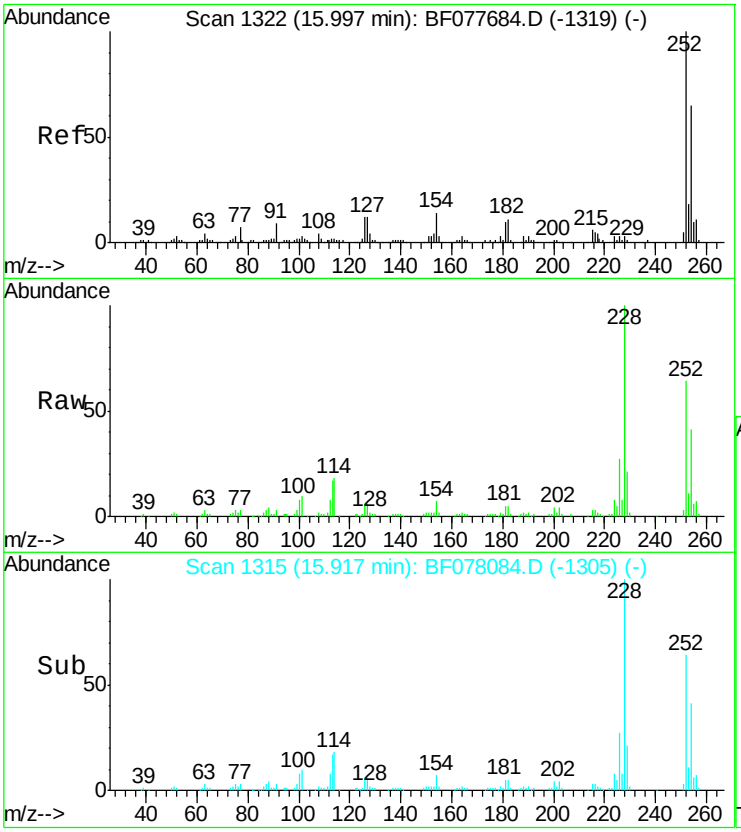




#80
Benzo(a)anthracene
Concen: 42.16 ng
RT: 15.93 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:228 Resp: 353266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.3 | 21.7 | 32.5 |
| 229 | 19.9 | 16.0 | 24.0 |

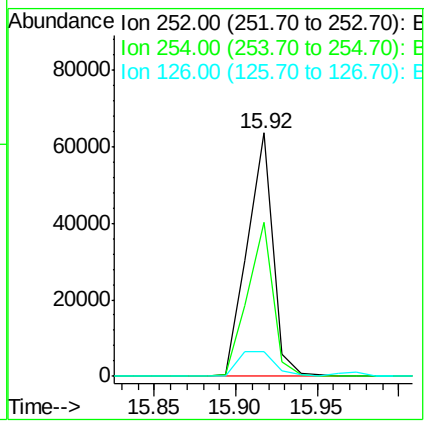





#81
3,3'-Dichlorobenzidine
Concen: 25.19 ng
RT: 15.92 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:252 Resp: 69636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.4 | 51.9 | 77.9 |
| 126 | 10.0 | 9.8 | 14.8 |




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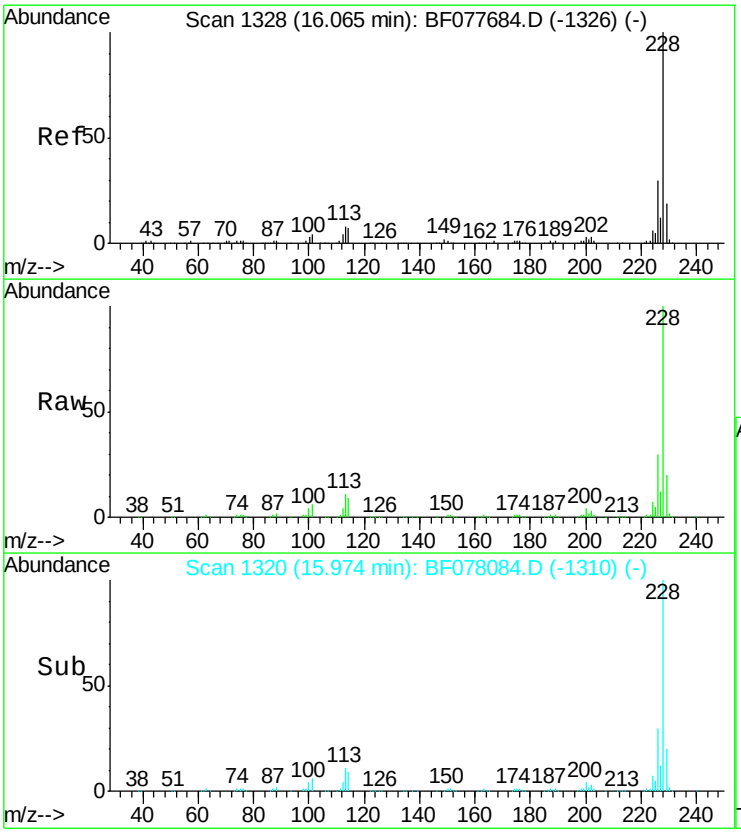
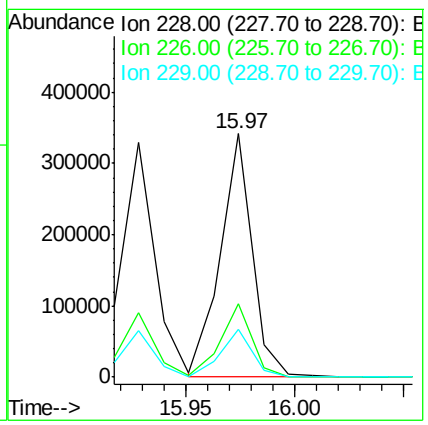
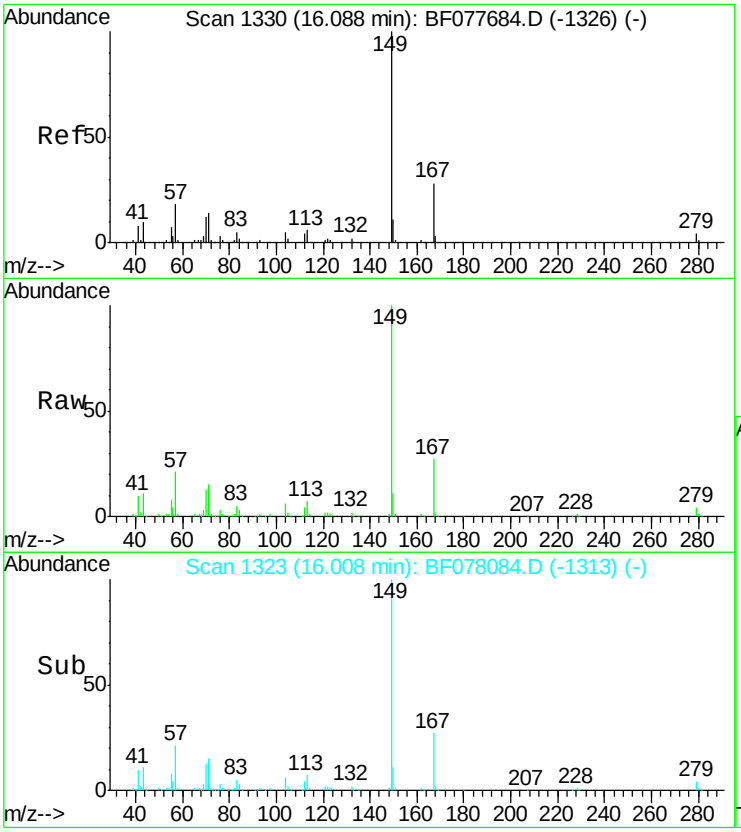



#82
Chrysene
Concen: 45.89 ng
RT: 15.97 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:228 Resp: 345720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.1 | 24.1 | 36.1 |
| 229 | 19.9 | 15.5 | 23.3 |

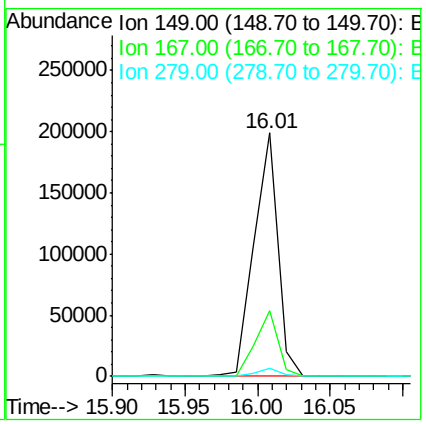





#83
Bis(2-ethylhexyl)phthalate
Concen: 42.72 ng
RT: 16.01 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:149 Resp: 226787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.8 | 22.4 | 33.6 |
| 279 | 3.5 | 3.4 | 5.0 |




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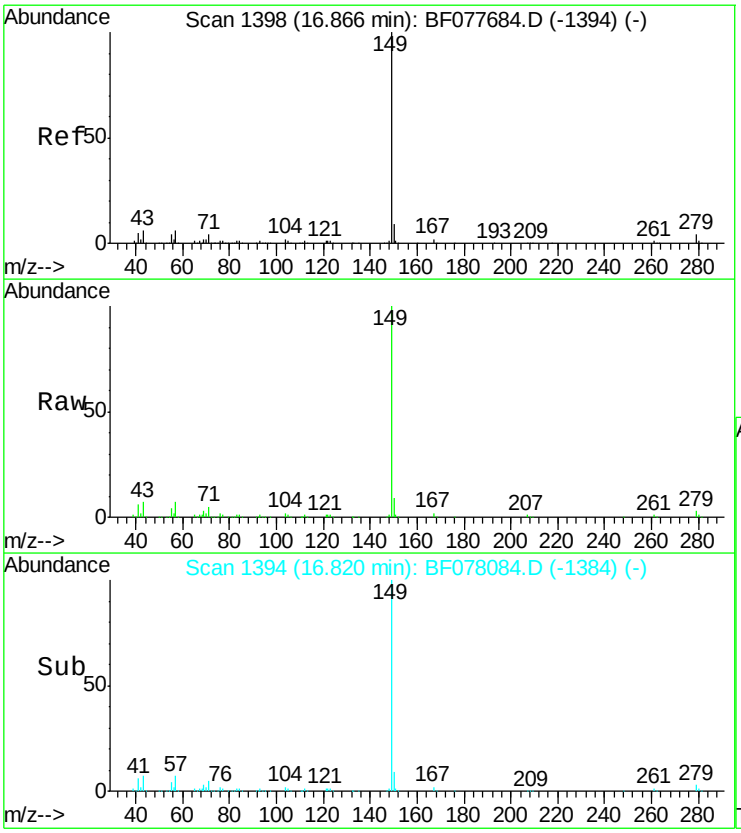
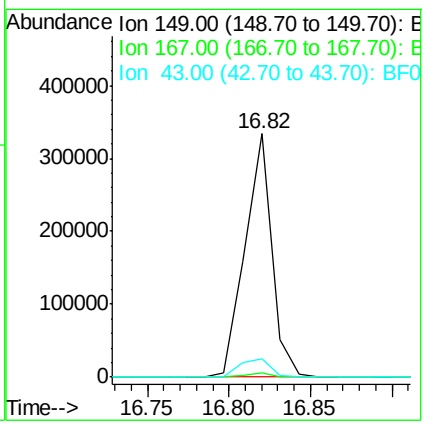
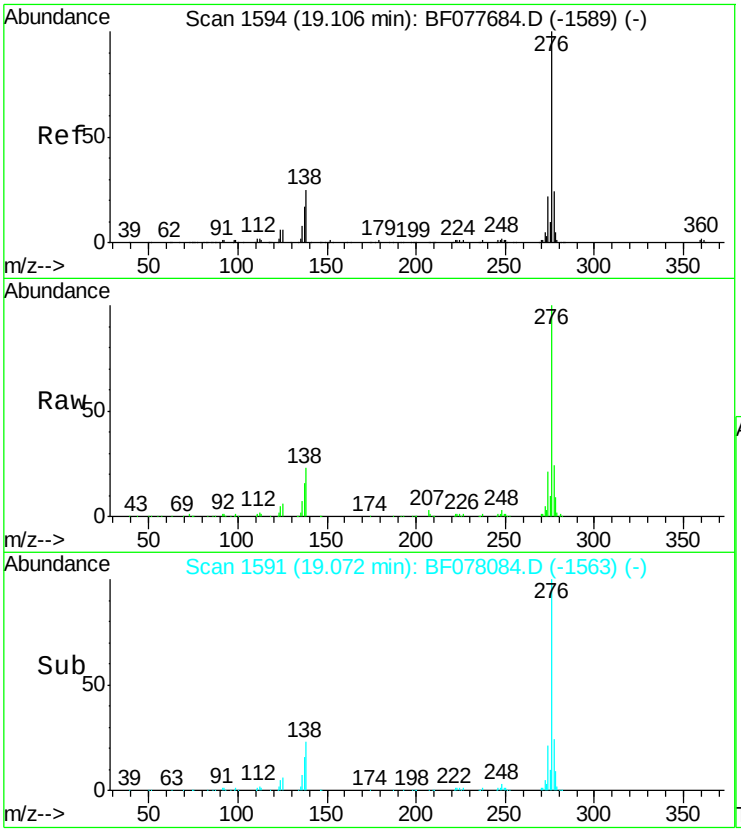



#84
Di-n-octyl phthalate
Concen: 41.94 ng
RT: 16.82 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:149 Resp: 380670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.2 | 1.8 |
| 43 | 9.2 | 7.3 | 10.9 |






#85
Indeno(1,2,3-cd)pyrene
Concen: 41.75 ng
RT: 19.07 min Scan# 1591
Delta R.T. 0.02 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:276 Resp: 392615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 28.6 | 0.0 | 0.0# |
| 277 | 25.0 | 0.0 | 0.0# |

**Instrument :**
BNA_F
**ClientSampleId :**
PB82403BS

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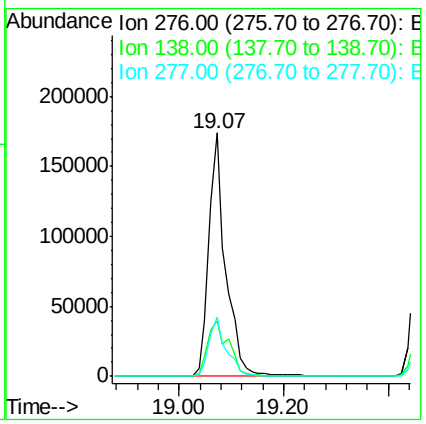
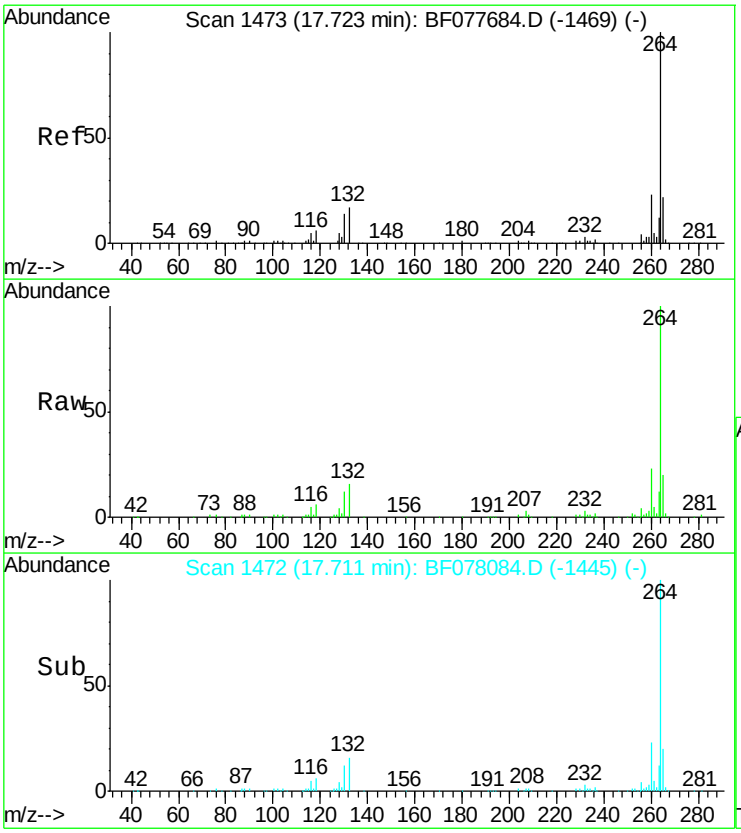
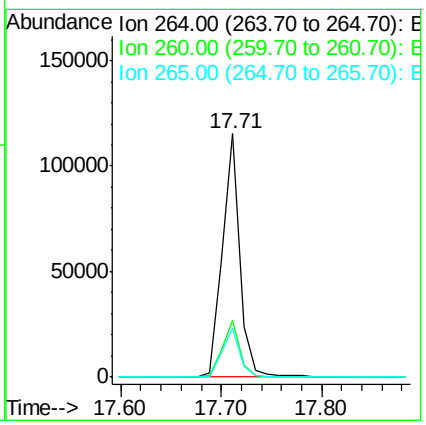


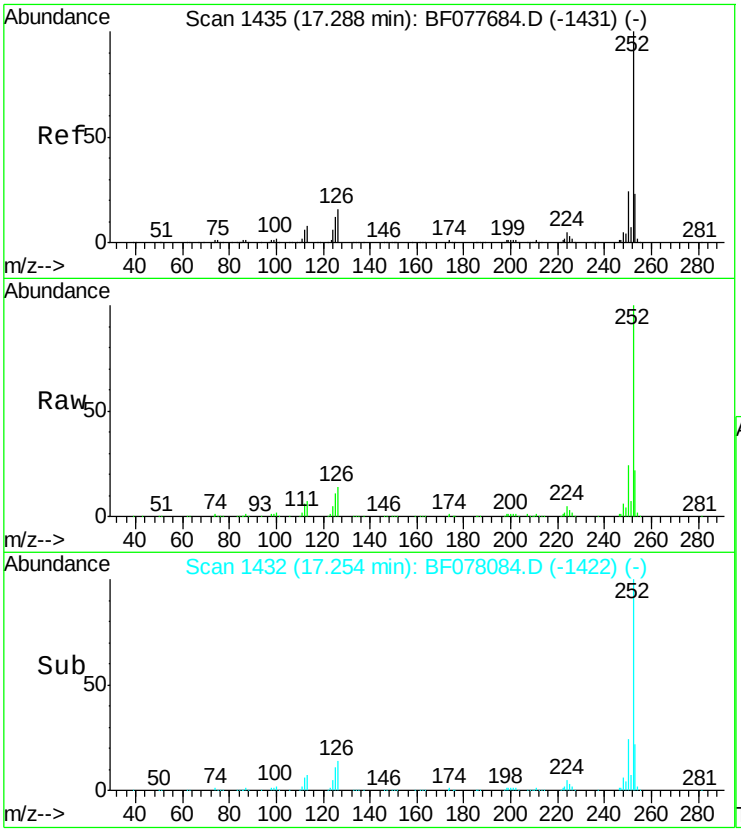




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.71 min Scan# 1472
Delta R.T. 0.01 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:264 Resp: 138614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.2 | 18.6 | 27.8 |
| 265 | 20.0 | 17.3 | 25.9 |

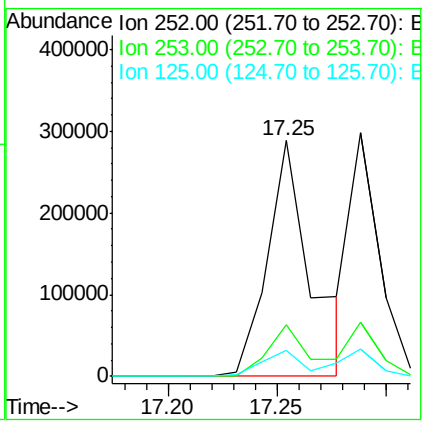





#87
Benzo(b)fluoranthene
Concen: 44.67 ng
RT: 17.25 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:252 Resp: 404210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 18.0 | 27.0 |
| 125 | 11.0 | 9.9 | 14.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB82403BS

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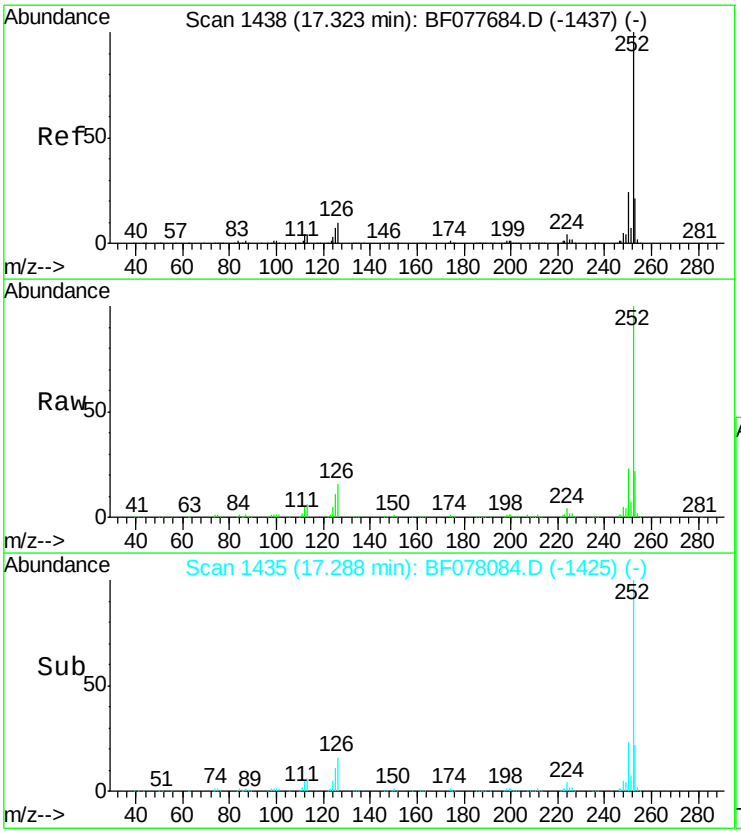
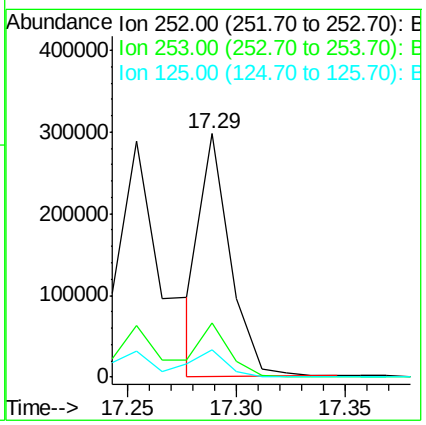
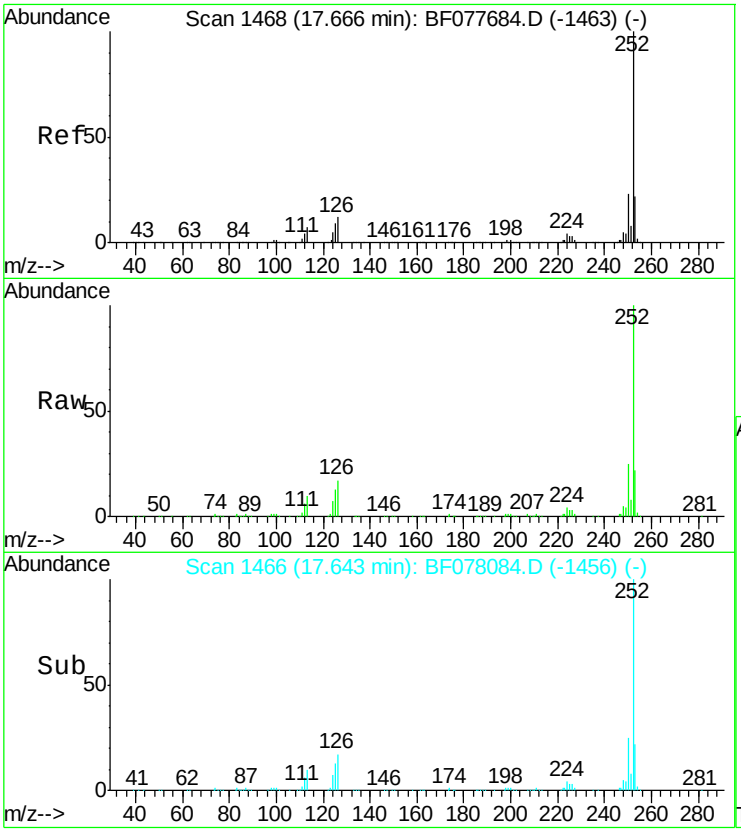



#88
Benzo(k)fluoranthene
Concen: 39.14 ng
RT: 17.29 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:252 Resp: 276675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.2 | 25.8 |
| 125 | 11.4 | 8.1 | 12.1 |






#89
Benzo(a)pyrene
Concen: 44.12 ng
RT: 17.64 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:252 Resp: 333104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.6 | 26.4 |
| 125 | 13.4 | 7.4 | 11.2# |

**Instrument :**
BNA_F
**ClientSampleId :**
PB82403BS

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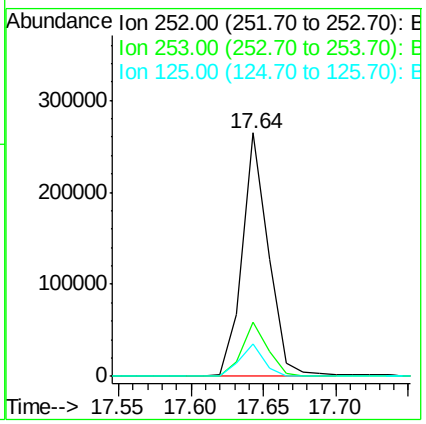
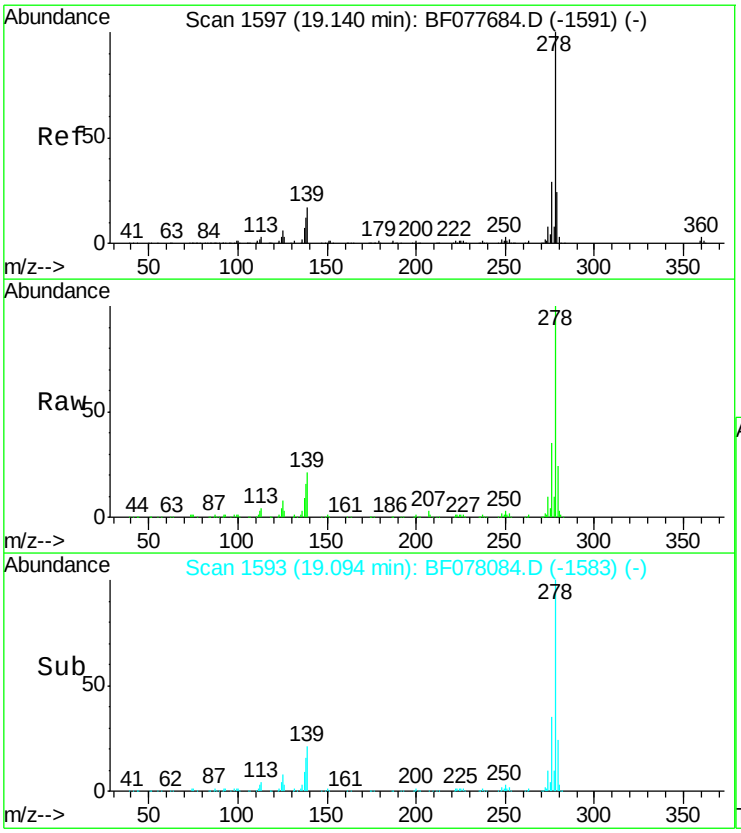
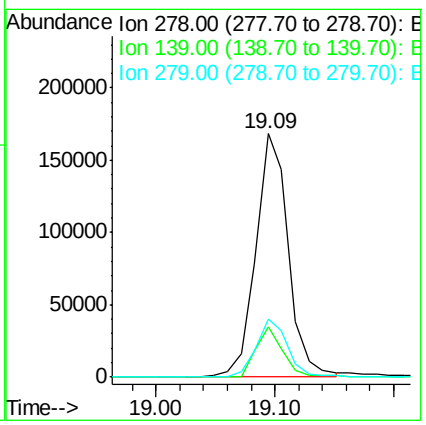


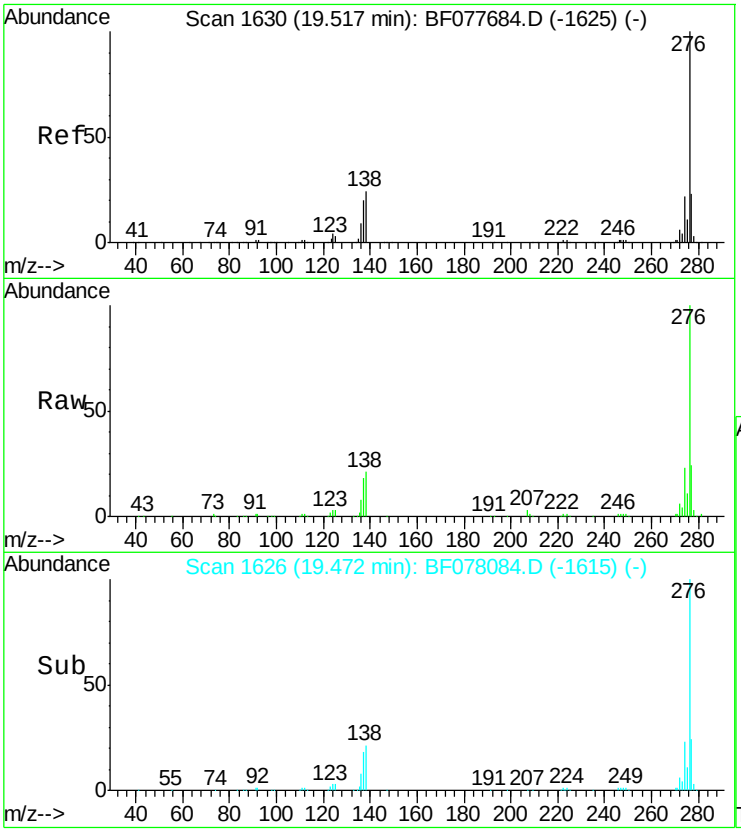




#90
Dibenzo(a,h)anthracene
Concen: 42.89 ng
RT: 19.09 min Scan# 1593
Delta R.T. 0.01 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:278 Resp: 321196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 20.5 | 13.4 | 20.0# |
| 279 | 23.7 | 19.0 | 28.4 |

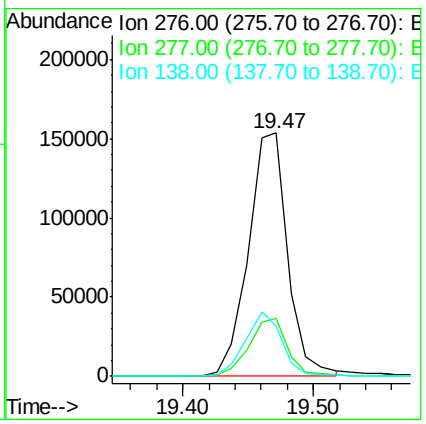





#91
Benzo(g,h,i)perylene
Concen: 42.43 ng
RT: 19.47 min Scan# 1626
Delta R.T. 0.02 min
Lab File: BF078084.D
Acq: 30 Mar 2015 16:28

Tgt Ion:276 Resp: 323456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.6 | 18.5 | 27.7 |
| 138 | 20.9 | 19.0 | 28.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB82403BS

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