Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
Data File : BF077120.D
Acq On : 29 Jan 2015 5:00
Operator : TP/IZ
Sample : G1159-05MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-84(17-19)MS

**Manual Integrations APPROVED**
apatel
1/29/2015 4:06:40 PM

Quant Time: Jan 29 06:04:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 29 05:55:14 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.73 | 152 | 30294 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.63 | 136 | 121736 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.76 | 164 | 59263 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.60 | 188 | 108932 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.11 | 240 | 91621 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 22.75 | 264 | 79119 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 4.76 | 112 | 220247 | 119.54 | ng | | 0.00 |
| 7) Phenol-d6 | 7.14 | 99 | 278586 | 119.86 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.03 | 82 | 173952 | 79.16 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.48 | 330 | 65499 | 136.16 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.29 | 172 | 318112 | 81.69 | ng | | 0.00 |
| 78) Terphenyl-d14 | 19.84 | 244 | 305014 | 76.64 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 1.14 | 88 | 21220 | 26.90 | ng | | 92 |
| 3) Pyridine | 1.59 | 79 | 60397 | 29.58 | ng | | 93 |
| 4) n-Nitrosodimethylamine | 1.56 | 42 | 36042 | 35.64 | ng | | 99 |
| 6) Aniline | 7.01 | 93 | 49128 | 15.27 | ng | | 94 |
| 8) 2-Chlorophenol | 7.26 | 128 | 80902 | 38.09 | ng | | 97 |
| 9) Benzaldehyde | 6.72 | 77 | 13085 | 8.21 | ng | | 95 |
| 10) Phenol | 7.17 | 94 | 104663 | 42.41 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 7.27 | 93 | 76884 | 39.81 | ng | # | 75 |
| 12) 1,3-Dichlorobenzene | 7.57 | 146 | 88147 | 36.47 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.76 | 146 | 90339 | 35.25 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.08 | 146 | 85183 | 36.08 | ng | | 98 |
| 15) Benzyl Alcohol | 8.17 | 79 | 67909 | 36.11 | ng | | 92 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.52 | 45 | 93365 | 35.96 | ng | | 87 |
| 17) 2-Methylphenol | 8.53 | 107 | 64894 | 37.38 | ng | | 96 |
| 18) Hexachloroethane | 8.82 | 117 | 33493 | 37.58 | ng | | 93 |
| 19) n-Nitroso-di-n-propylamine | 8.80 | 70 | 60081 | 36.93 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.92 | 107 | 81985 | 35.67 | ng | | 95 |
| 22) Acetophenone | 8.72 | 105 | 119906 | 40.21 | ng | | 95 |
| 24) Nitrobenzene | 9.08 | 77 | 88067m | 39.34 | ng | | |
| 25) Isophorone | 9.67 | 82 | 159240 | 39.79 | ng | | 99 |
| 26) 2-Nitrophenol | 9.81 | 139 | 41487 | 36.63 | ng | # | 84 |
| 27) 2,4-Dimethylphenol | 10.10 | 122 | 71547 | 41.33 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 10.30 | 93 | 93911 | 41.29 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.43 | 162 | 66723 | 41.36 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 10.55 | 180 | 72299 | 40.35 | ng | | 99 |
| 31) Naphthalene | 10.69 | 128 | 243689 | 38.88 | ng | | 99 |
| 32) Benzoic acid | 10.41 | 122 | 8361 | 8.72 | ng | | 98 |
| 33) 4-Chloroaniline | 10.94 | 127 | 45024 | 17.78 | ng | | 96 |
| 34) Hexachlorobutadiene | 11.05 | 225 | 41673 | 39.20 | ng | | 98 |
| 35) Caprolactam | 11.77 | 113 | 15878 | 33.43 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 12.24 | 107 | 73629 | 39.86 | ng | | 94 |
| 37) 2-Methylnaphthalene | 12.33 | 142 | 166692 | 38.94 | ng | | 96 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.75 | 216 | 66496 | 45.38 | ng | | 100 |
| 40) Hexachlorocyclopentadiene | 12.72 | 237 | 47121 | 60.90 | ng | | 93 |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
Data File : BF077120.D
Acq On : 29 Jan 2015 5:00
Operator : TP/IZ
Sample : G1159-05MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

**Manual Integrations APPROVED**
apatel
1/29/2015 4:06:40 PM

Quant Time: Jan 29 06:04:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 29 05:55:14 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.09 | 196 | 46364 | 43.43 | ng | | 96 |
| 43) 2,4,5-Trichlorophenol | 13.19 | 196 | 47968 | 44.06 | ng | | 96 |
| 45) 1,1'-Biphenyl | 13.49 | 154 | 196042 | 44.62 | ng | | 97 |
| 46) 2-Chloronaphthalene | 13.47 | 162 | 158448 | 43.83 | ng | | 98 |
| 47) 2-Nitroaniline | 13.81 | 65 | 50499 | 46.04 | ng | | 94 |
| 48) Acenaphthylene | 14.41 | 152 | 251381 | 41.22 | ng | | 100 |
| 49) Dimethylphthalate | 14.37 | 163 | 198328 | 47.19 | ng | | 98 |
| 50) 2,6-Dinitrotoluene | 14.46 | 165 | 38882 | 46.31 | ng | | 90 |
| 51) Acenaphthene | 14.84 | 154 | 143360 | 41.43 | ng | | 95 |
| 52) 3-Nitroaniline | 14.80 | 138 | 31347 | 29.32 | ng | | 82 |
| 53) 2,4-Dinitrophenol | 15.10 | 184 | 12162 | 38.08 | ng | | 96 |
| 54) Dibenzofuran | 15.26 | 168 | 227060 | 45.05 | ng | | 99 |
| 55) 4-Nitrophenol | 15.42 | 139 | 54560 | 82.82 | ng | | 97 |
| 56) 2,4-Dinitrotoluene | 15.40 | 165 | 52479 | 41.97 | ng | | 94 |
| 57) Fluorene | 16.01 | 166 | 181641 | 42.54 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.61 | 232 | 38464 | 48.52 | ng | # | 95 |
| 59) Diethylphthalate | 16.01 | 149 | 194043 | 45.68 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 16.11 | 204 | 77520 | 44.37 | ng | | 97 |
| 61) 4-Nitroaniline | 16.16 | 138 | 37535 | 35.83 | ng | | 97 |
| 62) Azobenzene | 16.40 | 77 | 195923 | 44.27 | ng | | 97 |
| 64) 4,6-Dinitro-2-methylphenol | 16.24 | 198 | 17932 | 27.16 | ng | | 95 |
| 65) n-Nitrosodiphenylamine | 16.36 | 169 | 153131 | 39.42 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 16.97 | 248 | 44592 | 40.41 | ng | # | 85 |
| 67) Hexachlorobenzene | 16.99 | 284 | 47666 | 40.99 | ng | | 97 |
| 68) Atrazine | 17.35 | 200 | 52843 | 44.83 | ng | | 94 |
| 69) Pentachlorophenol | 17.35 | 266 | 40963 | 77.06 | ng | | 99 |
| 70) Phenanthrene | 17.64 | 178 | 279720 | 41.18 | ng | | 98 |
| 71) Anthracene | 17.72 | 178 | 256372 | 38.70 | ng | | 100 |
| 72) Carbazole | 18.00 | 167 | 249457 | 38.83 | ng | | 99 |
| 73) Di-n-butylphthalate | 18.60 | 149 | 308810 | 41.52 | ng | | 99 |
| 74) Fluoranthene | 19.28 | 202 | 305509 | 43.89 | ng | | 99 |
| 76) Benzidine | 19.52 | 184 | 107394 | 36.63 | ng | | 99 |
| 77) Pyrene | 19.57 | 202 | 308478 | 49.13 | ng | | 98 |
| 79) Butylbenzylphthalate | 20.51 | 149 | 133609 | 46.98 | ng | | 88 |
| 80) Benzo(a)anthracene | 21.10 | 228 | 249885 | 43.47 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 21.11 | 252 | 62770 | 34.36 | ng | # | 95 |
| 82) Chrysene | 21.13 | 228 | 221722 | 42.30 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 21.25 | 149 | 185705 | 47.20 | ng | | 98 |
| 84) Di-n-octyl phthalate | 22.01 | 149 | 315633 | 46.22 | ng | # | 97 |
| 85) Indeno(1,2,3-cd)pyrene | 23.83 | 276 | 212280 | 38.21 | ng | # | 83 |
| 87) Benzo(b)fluoranthene | 22.33 | 252 | 252987 | 47.48 | ng | | 99 |
| 88) Benzo(k)fluoranthene | 22.37 | 252 | 168605m | 36.22 | ng | | |
| 89) Benzo(a)pyrene | 22.69 | 252 | 206179 | 43.86 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 23.87 | 278 | 173710 | 40.28 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 24.11 | 276 | 180368 | 42.07 | ng | # | 92 |

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
Data File : BF077120.D
Acq On : 29 Jan 2015 5:00
Operator : TP/IZ
Sample : G1159-05MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 29 06:04:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 29 05:55:14 2015
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

**Manual Integrations APPROVED**
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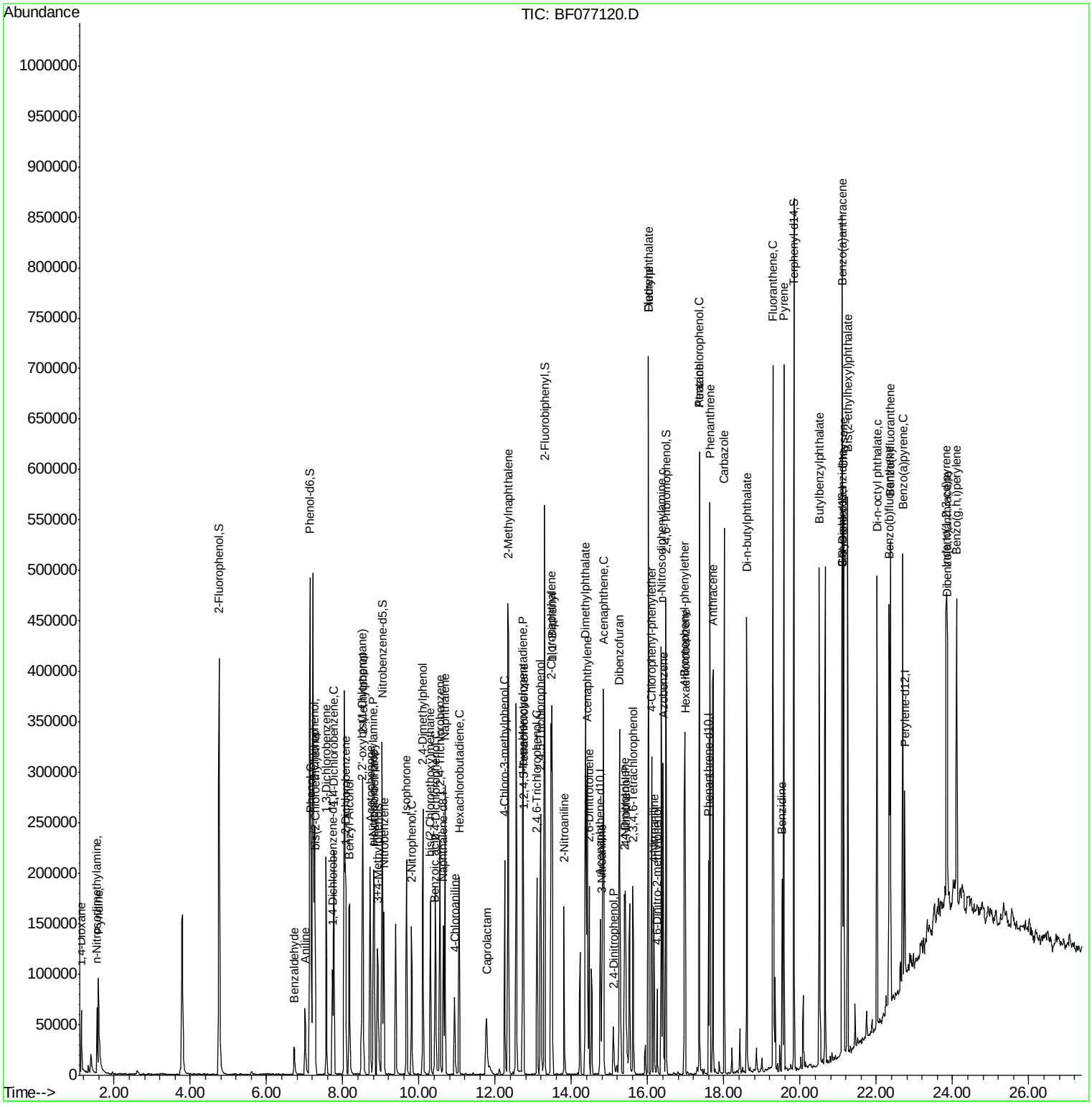
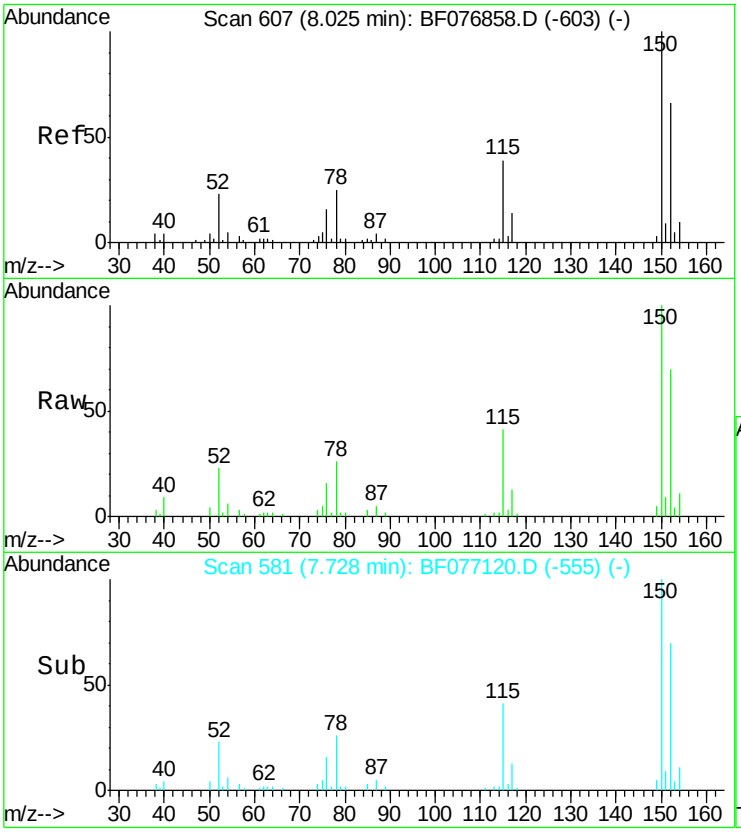
1/29/2015 4:06:40 PM

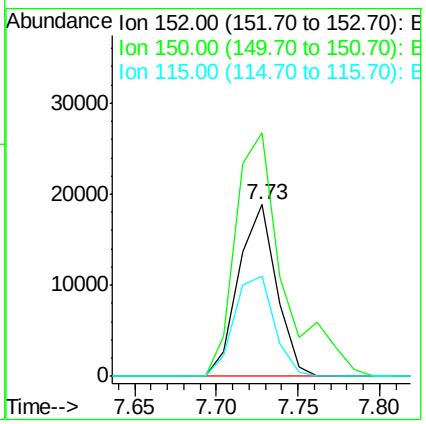





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.73 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

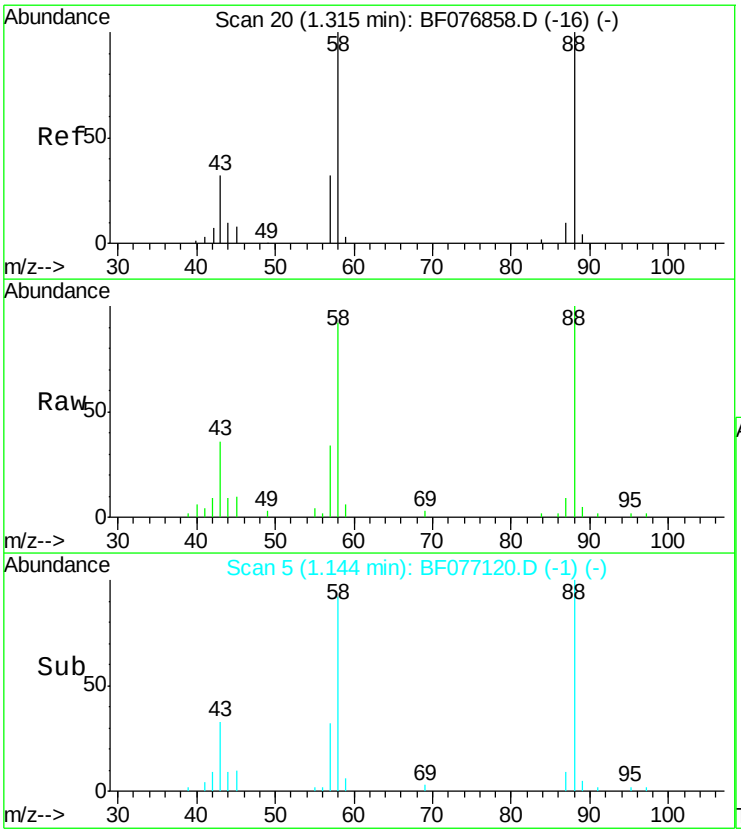
Tgt Ion:152 Resp: 30294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 141.9 | 121.7 | 182.5 |
| 115 | 58.3 | 47.0 | 70.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

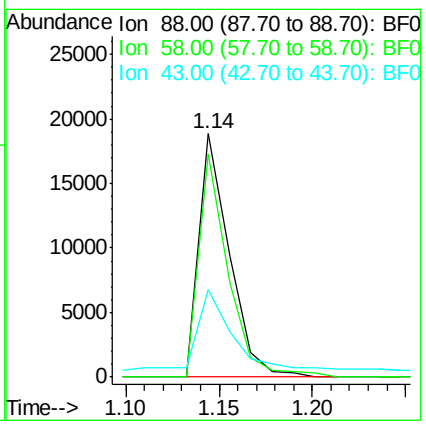
**Manual Integrations APPROVED**
apatel
1/29/2015 4:06:40 PM

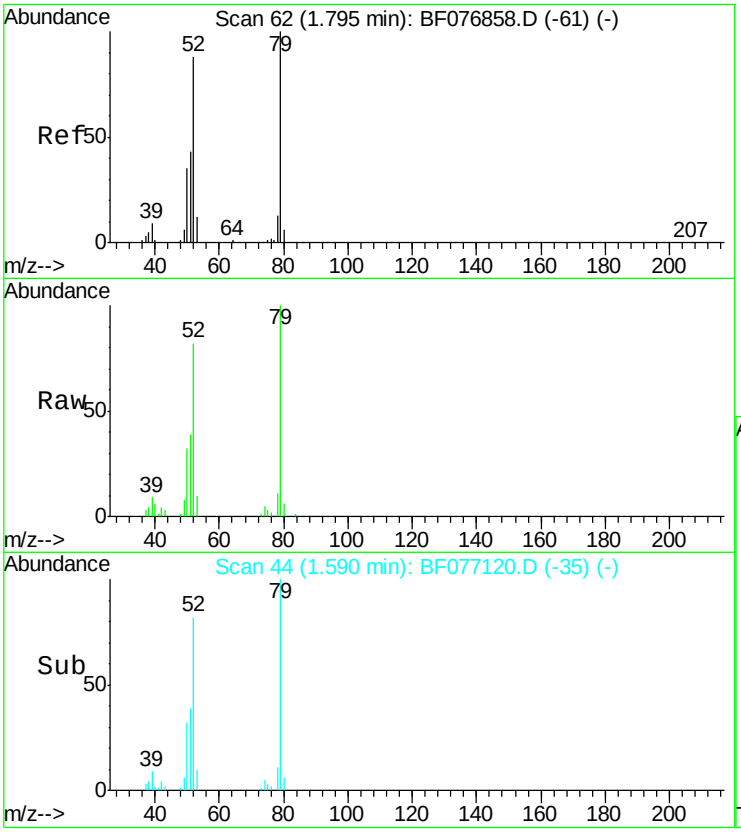



#2
1,4-Dioxane
Concen: 26.90 ng
RT: 1.14 min Scan# 5
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion: 88 Resp: 21220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 88.3 | 77.0 | 115.4 |
| 43 | 36.2 | 25.6 | 38.4 |

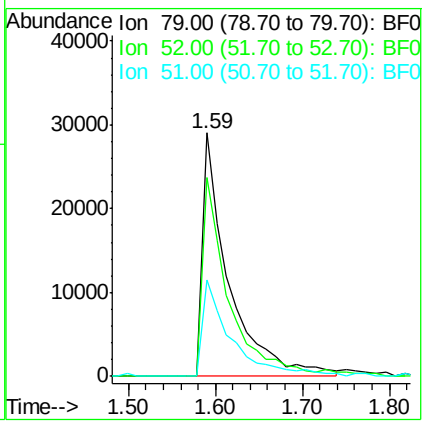





#3
Pyridine
Concen: 29.58 ng
RT: 1.59 min Scan# 44
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion: 79 Resp: 60397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 81.5 | 70.1 | 105.1 |
| 51 | 39.4 | 35.1 | 52.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

**Manual Integrations APPROVED**
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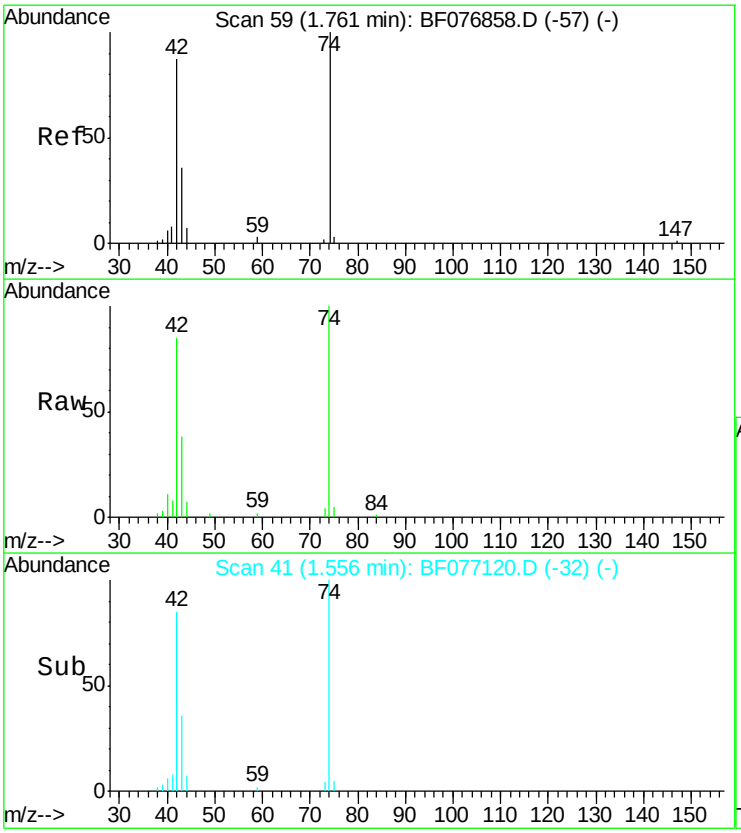
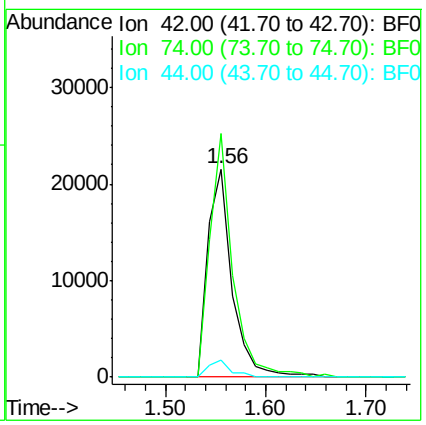
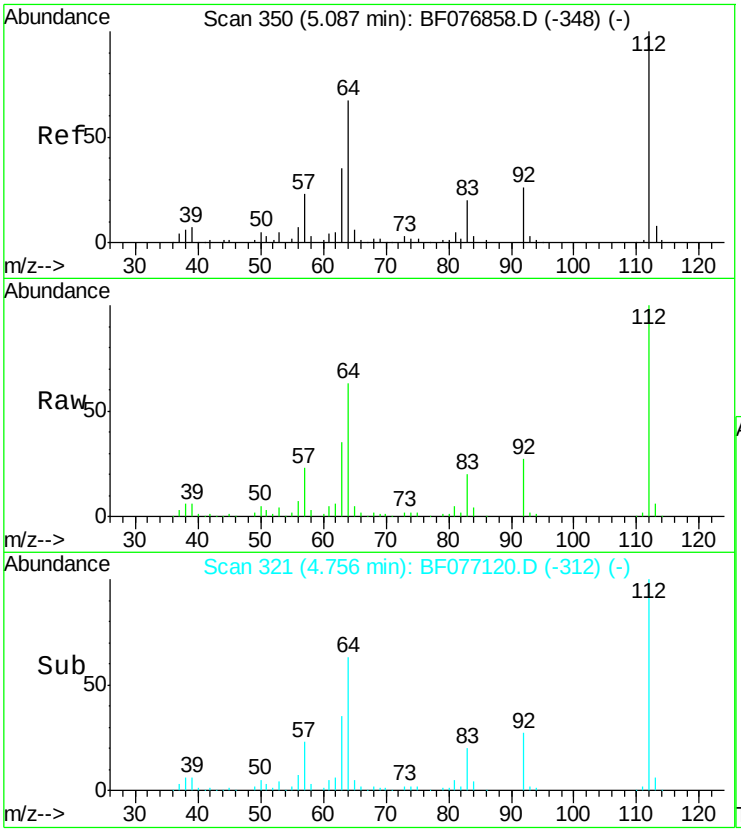



#4
n-Nitrosodimethylamine
Concen: 35.64 ng
RT: 1.56 min Scan# 41
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion: 42 Resp: 36042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 117.2 | 92.4 | 138.6 |
| 44 | 7.9 | 6.2 | 9.2 |

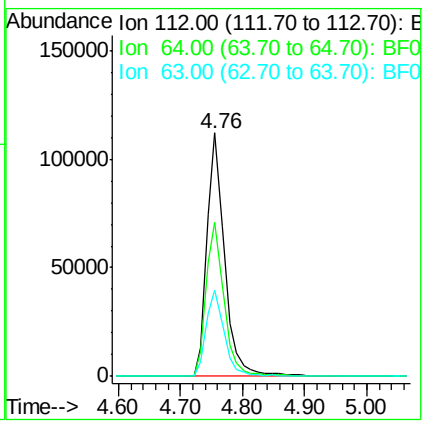





#5
2-Fluorophenol
Concen: 119.54 ng
RT: 4.76 min Scan# 321
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

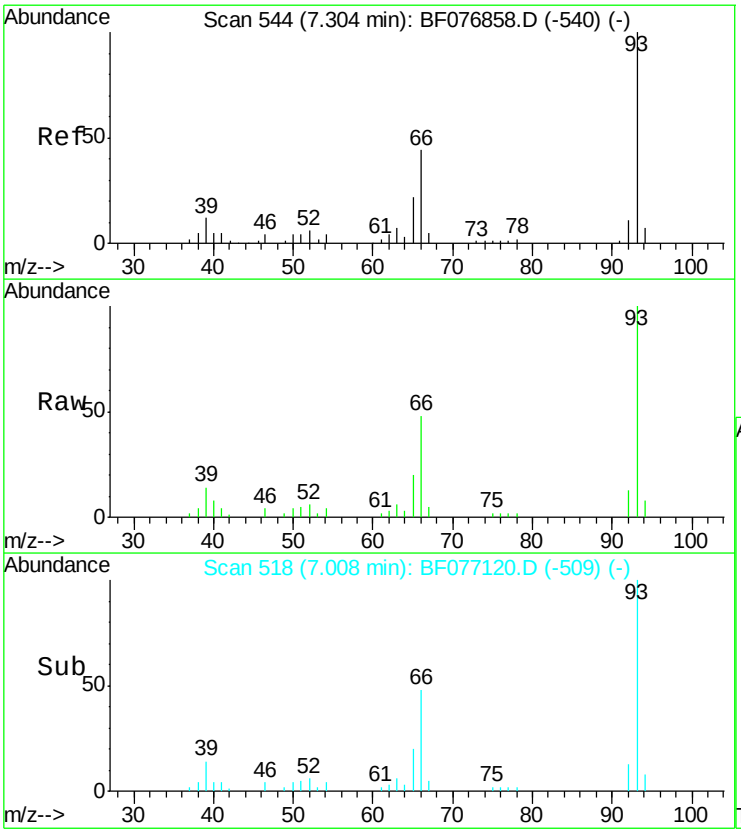
Tgt Ion:112 Resp: 220247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 63.3 | 54.2 | 81.4 |
| 63 | 35.5 | 28.4 | 42.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

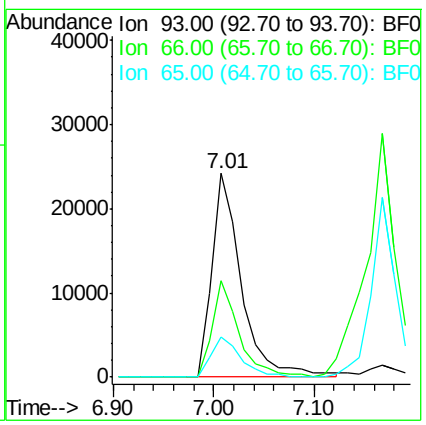
**Manual Integrations APPROVED**
apatel
1/29/2015 4:06:40 PM

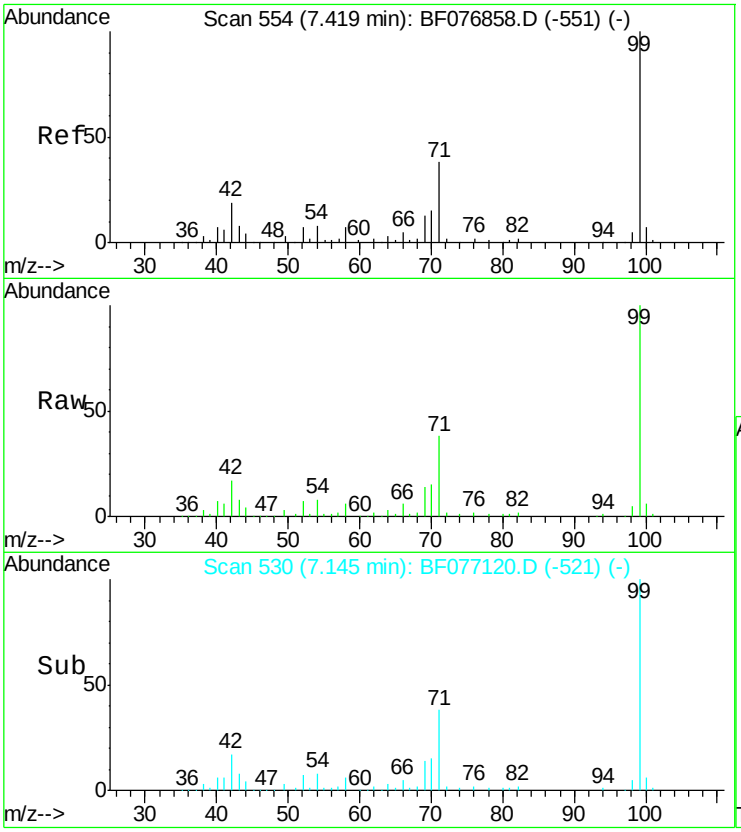



#6
Aniline
Concen: 15.27 ng
RT: 7.01 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion: 93 Resp: 49128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 47.5 | 35.0 | 52.4 |
| 65 | 19.6 | 17.7 | 26.5 |

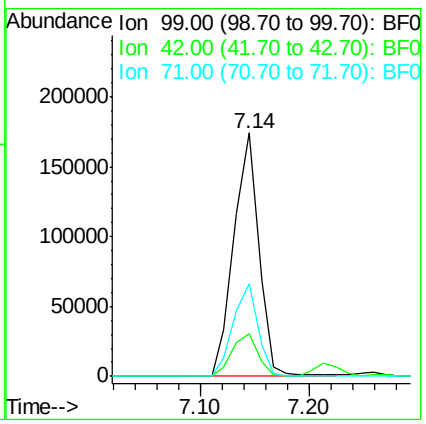





#7
Phenol-d6
Concen: 119.86 ng
RT: 7.14 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion: 99 Resp: 278586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.3 | 15.0 | 22.4 |
| 71 | 38.0 | 30.5 | 45.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

**Manual Integrations APPROVED**
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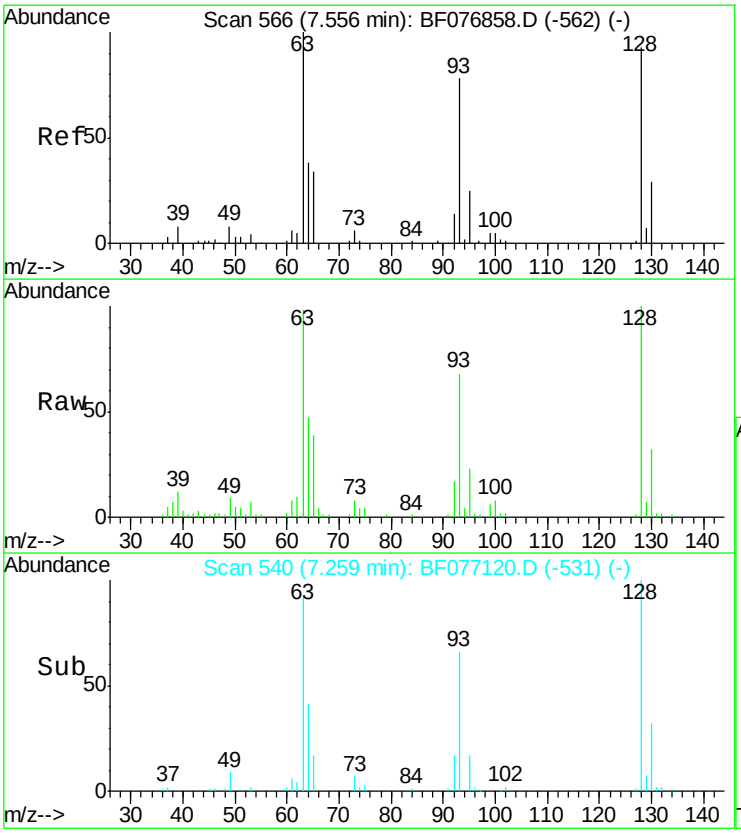
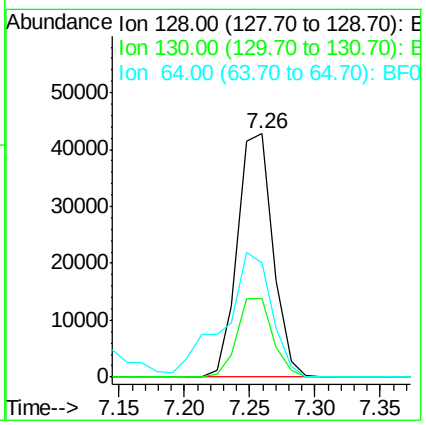
1/29/2015 4:06:40 PM

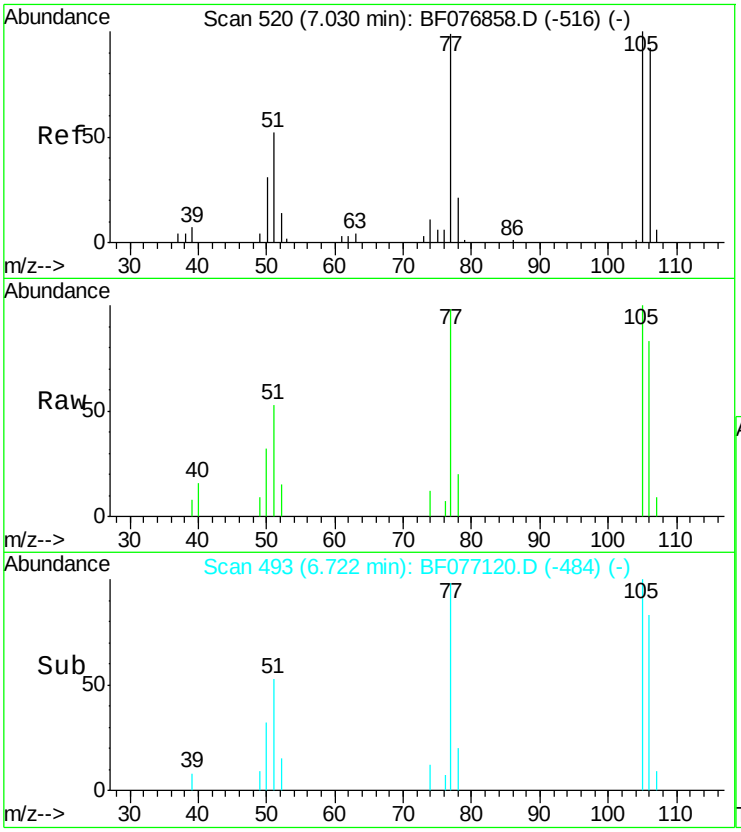



#8
2-Chlorophenol
Concen: 38.09 ng
RT: 7.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:128 Resp: 80902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.5 | 11.0 | 51.0 |
| 64 | 46.9 | 29.3 | 69.3 |

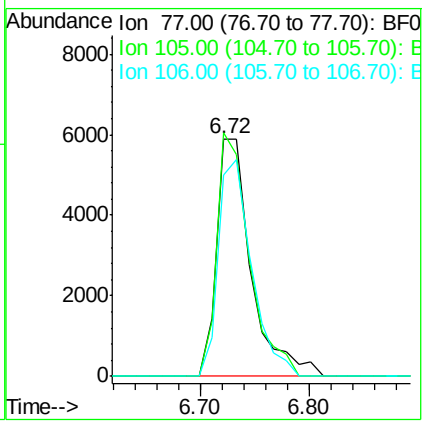





#9
Benzaldehyde
Concen: 8.21 ng
RT: 6.72 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

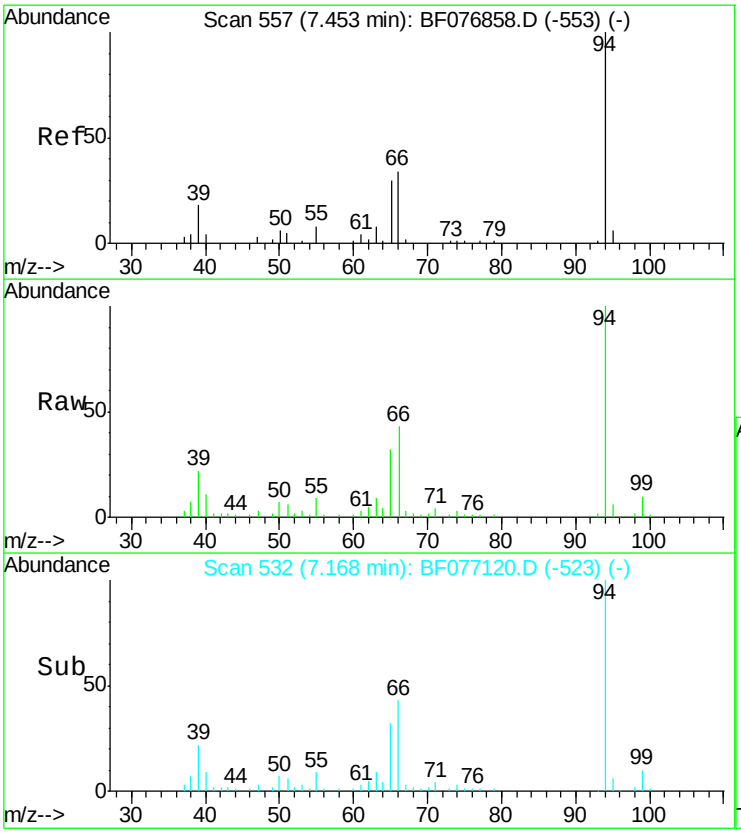
Tgt Ion: 77 Resp: 13085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 102.4 | 81.4 | 121.4 |
| 106 | 84.6 | 72.8 | 112.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

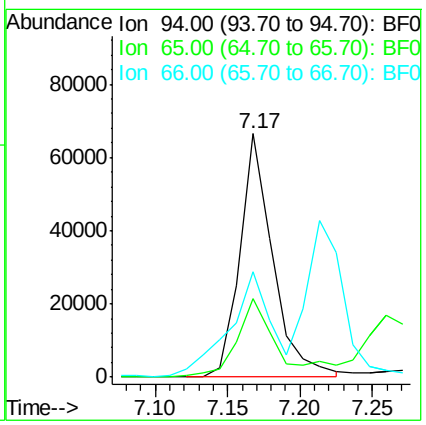
**Manual Integrations APPROVED**
apatel
1/29/2015 4:06:40 PM

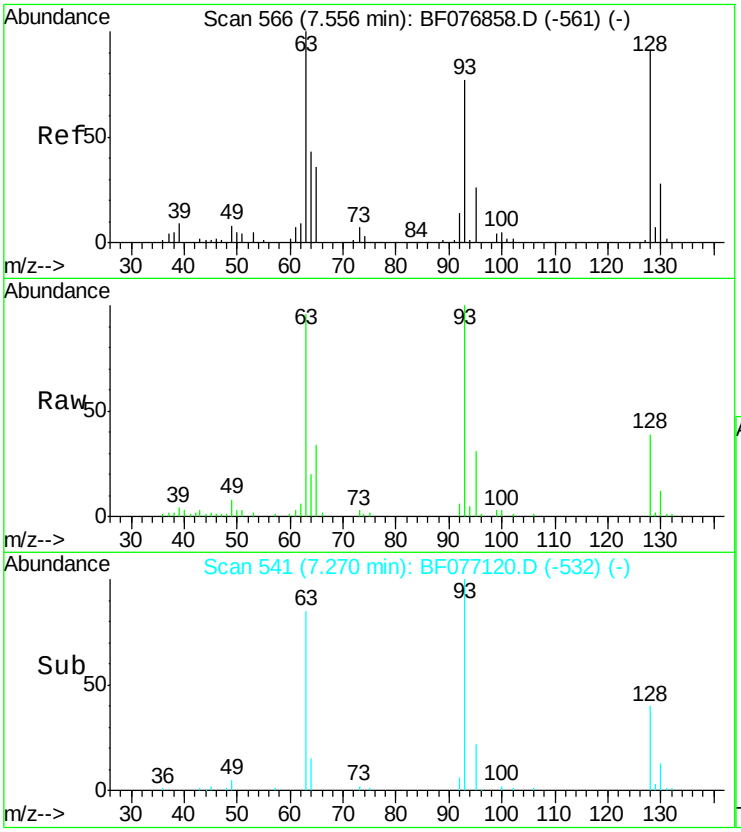



#10
Phenol
Concen: 42.41 ng
RT: 7.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion: 94 Resp: 104663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 32.1 | 11.3 | 51.3 |
| 66 | 43.5 | 19.5 | 59.5 |

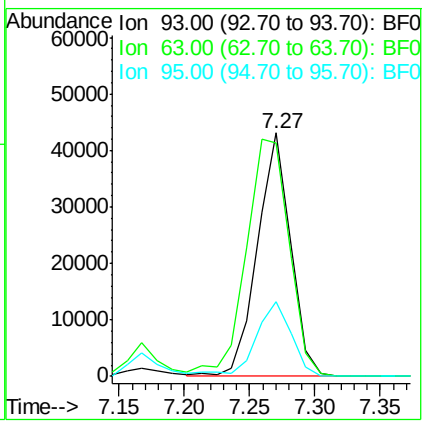





#11
bis(2-Chloroethyl)ether
Concen: 39.81 ng
RT: 7.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion: 93 Resp: 76884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 95.9 | 111.3 | 151.3# |
| 95 | 30.7 | 13.8 | 53.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

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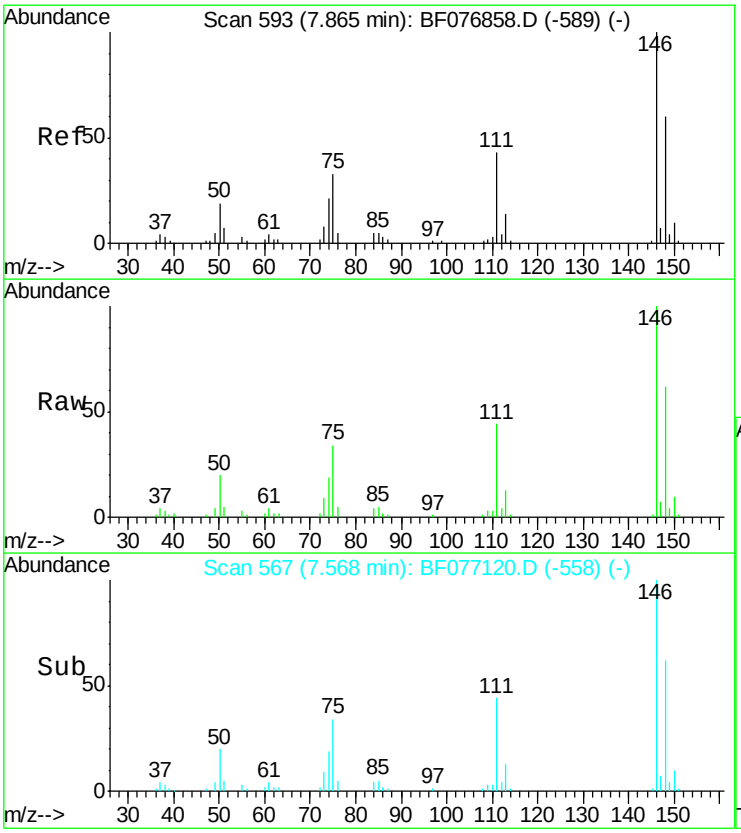
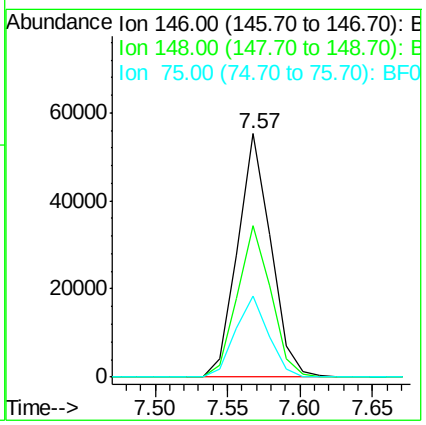
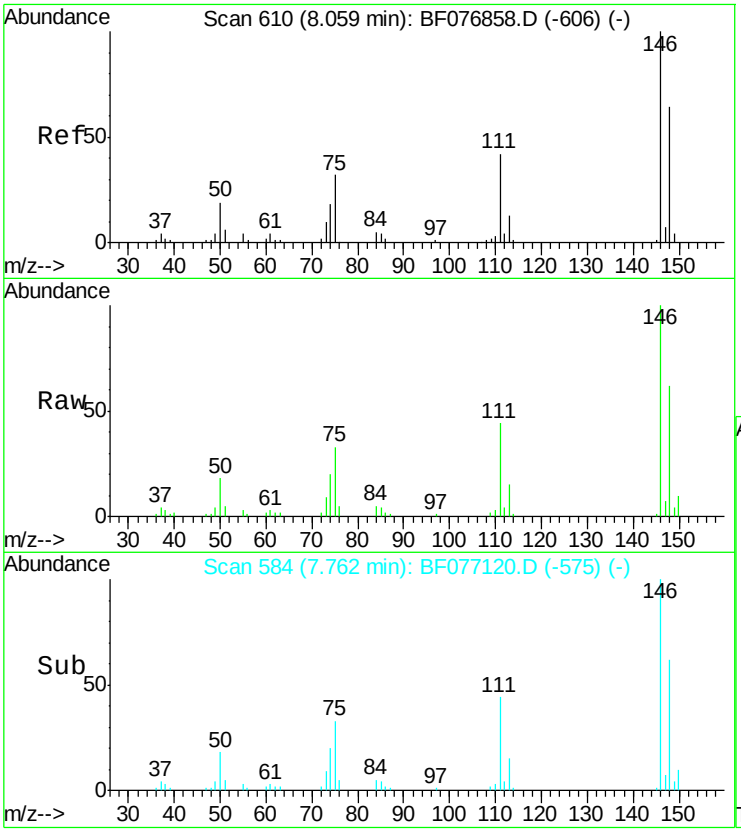



#12
1,3-Dichlorobenzene
Concen: 36.47 ng
RT: 7.57 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:146 Resp: 88147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.4 | 48.1 | 72.1 |
| 75 | 33.5 | 26.8 | 40.2 |

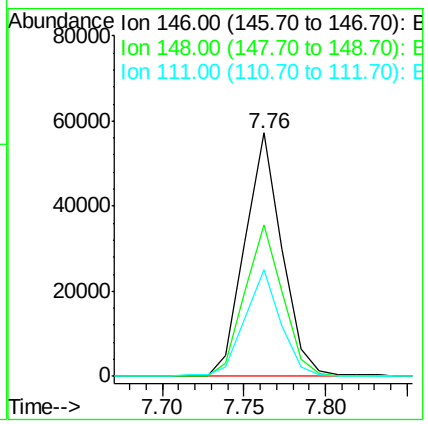





#13
1,4-Dichlorobenzene
Concen: 35.25 ng
RT: 7.76 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:146 Resp: 90339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.2 | 51.5 | 77.3 |
| 111 | 43.9 | 33.9 | 50.9 |




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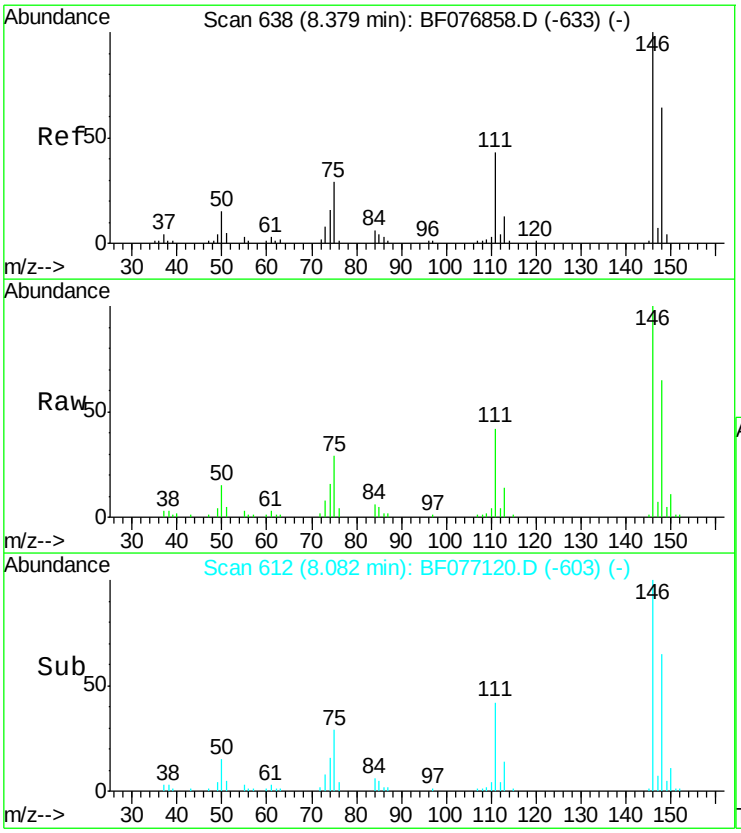
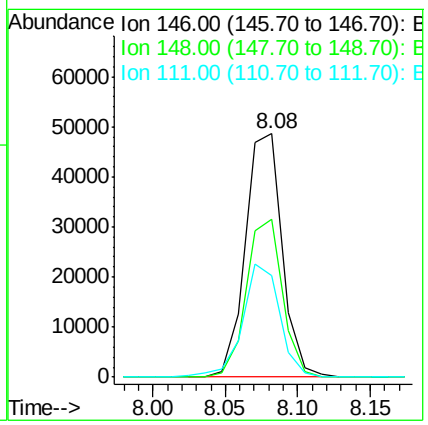
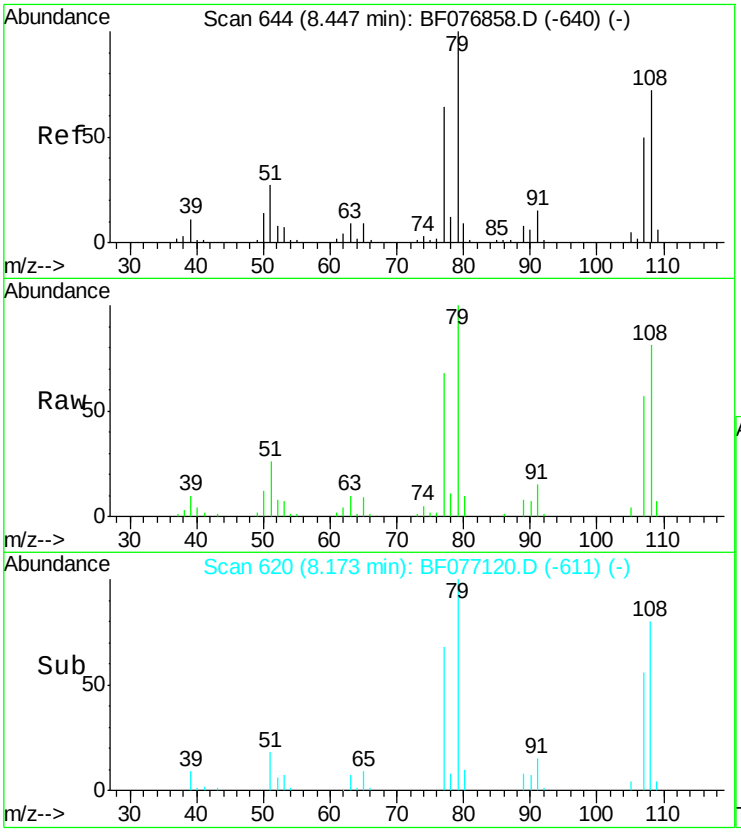



#14
1,2-Dichlorobenzene
Concen: 36.08 ng
RT: 8.08 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:146 Resp: 85183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.1 | 51.3 | 76.9 |
| 111 | 41.8 | 34.5 | 51.7 |

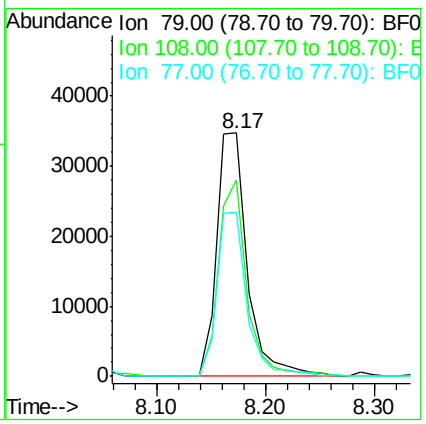





#15
Benzyl Alcohol
Concen: 36.11 ng
RT: 8.17 min Scan# 620
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion: 79 Resp: 67909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 80.7 | 57.2 | 85.8 |
| 77 | 67.5 | 51.2 | 76.8 |




**Instrument :**
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**ClientSampleId :**
SB-84(17-19)MS

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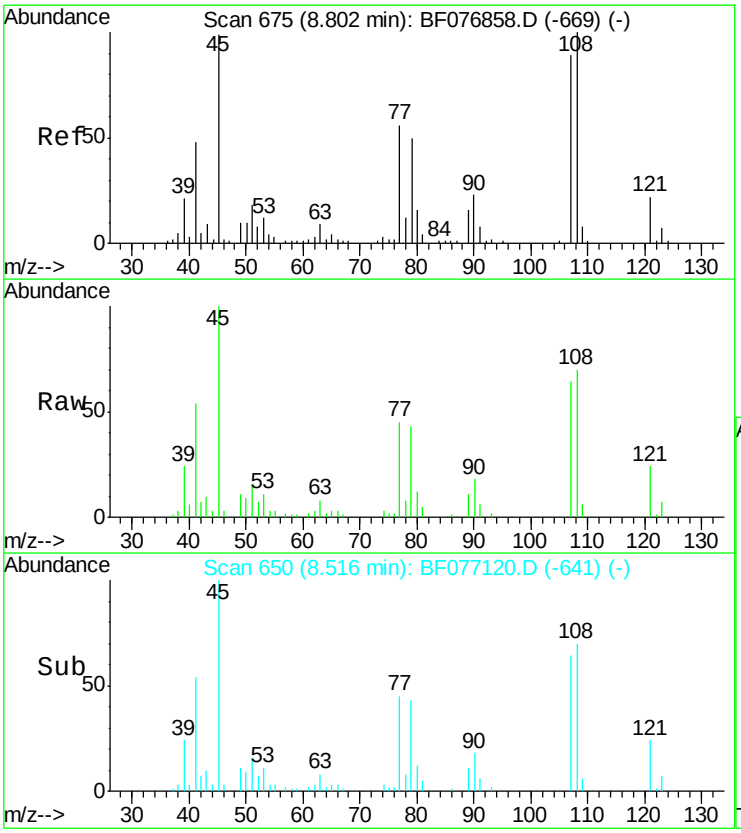
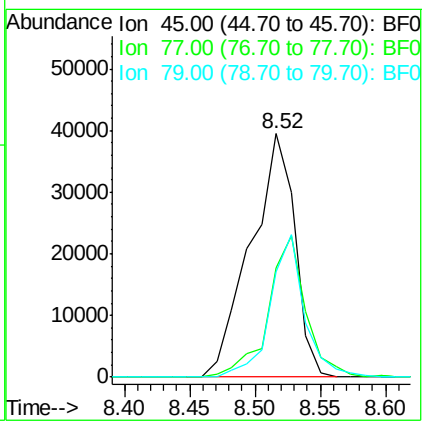
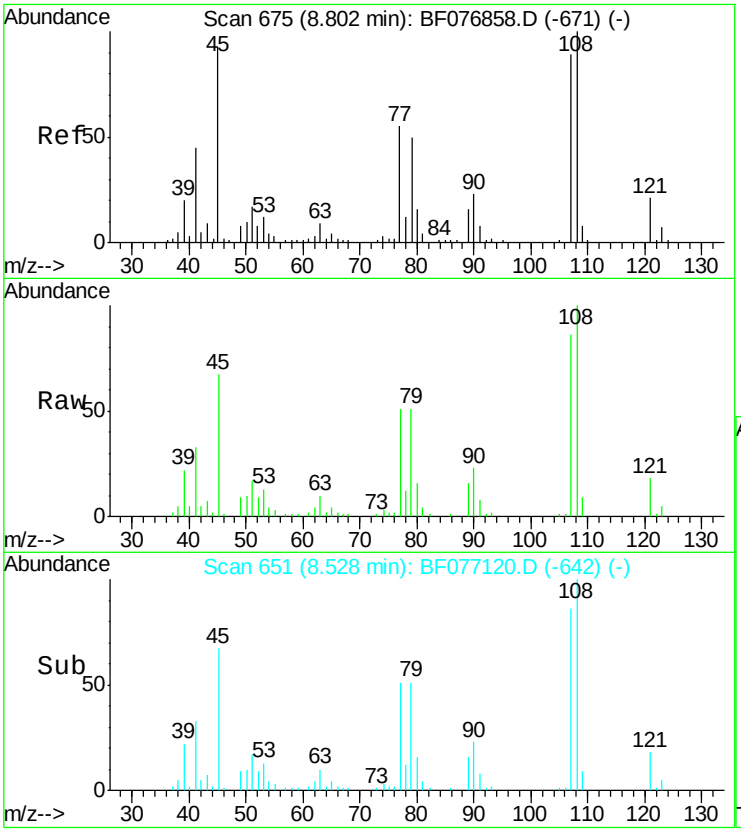



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.96 ng
RT: 8.52 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion: 45 Resp: 93365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 44.9 | 36.1 | 76.1 |
| 79 | 43.2 | 30.5 | 70.5 |

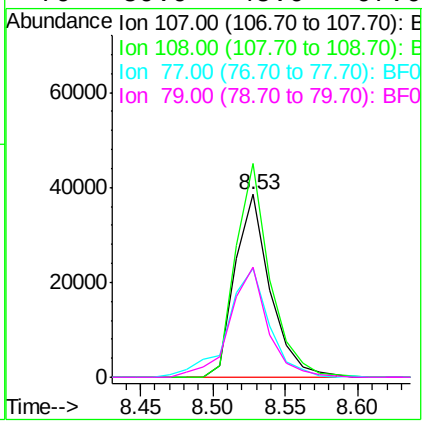





#17
2-Methylphenol
Concen: 37.38 ng
RT: 8.53 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:107 Resp: 64894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 116.8 | 89.7 | 134.5 |
| 77 | 59.6 | 50.1 | 75.1 |
| 79 | 59.9 | 45.0 | 67.6 |




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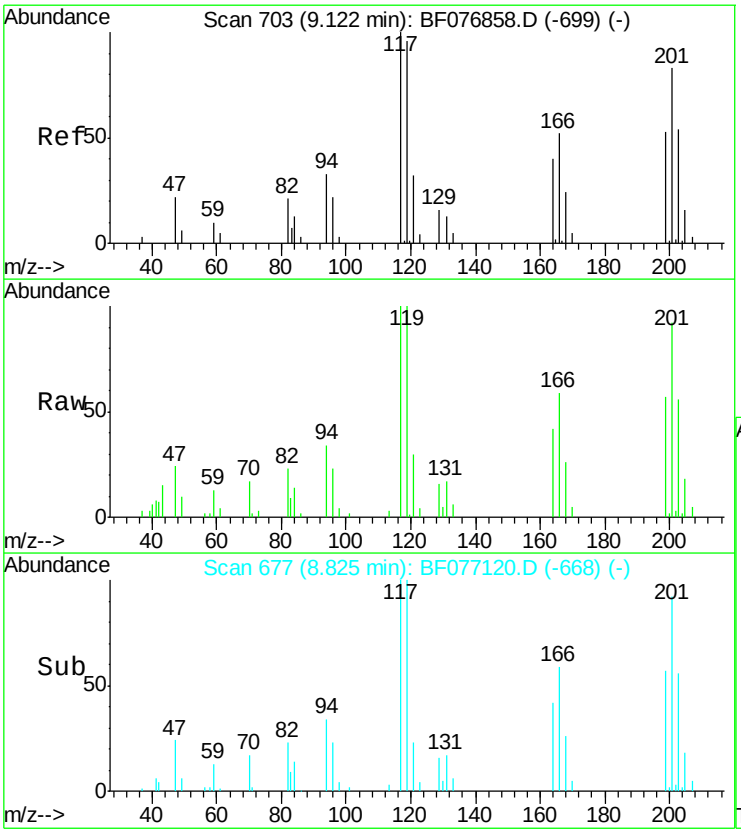
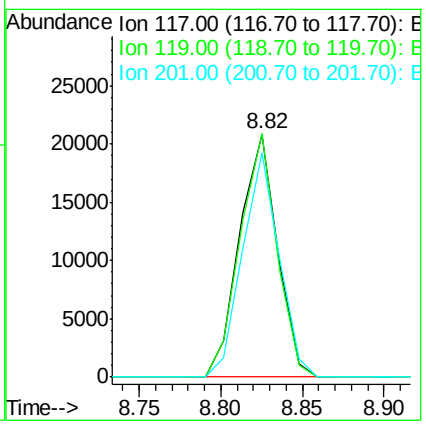
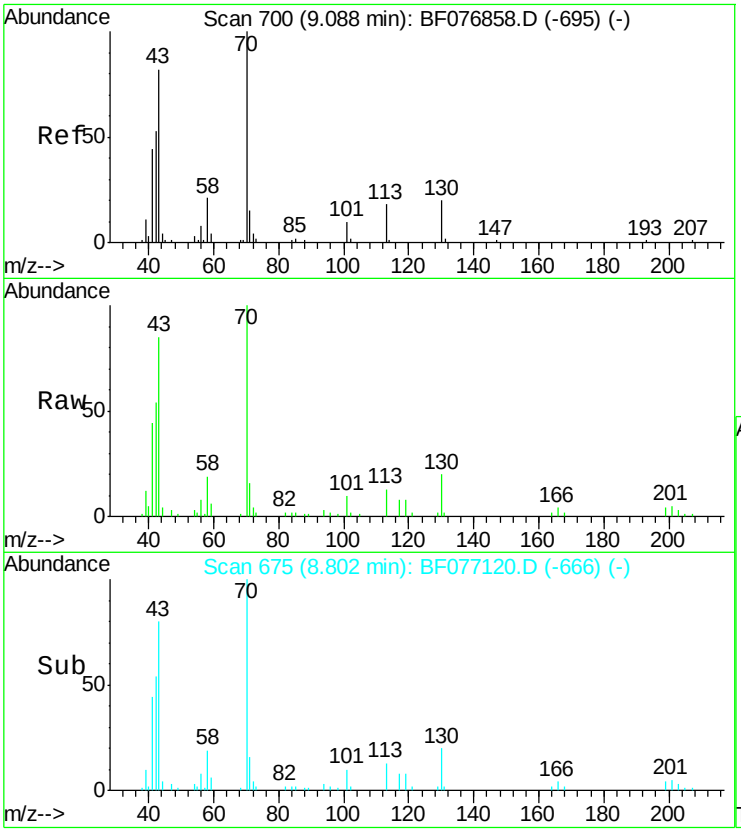



#18
Hexachloroethane
Concen: 37.58 ng
RT: 8.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:117 Resp: 33493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 100.2 | 77.1 | 115.7 |
| 201 | 92.5 | 66.8 | 100.2 |

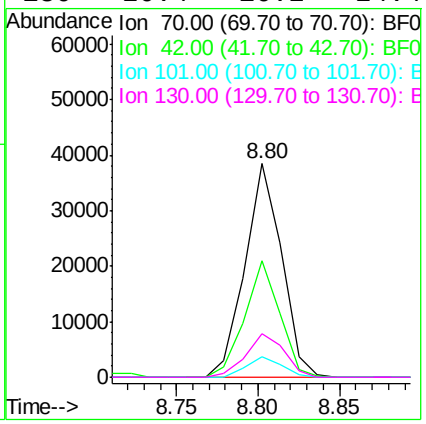





#19
n-Nitroso-di-n-propylamine
Concen: 36.93 ng
RT: 8.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion: 70 Resp: 60081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 54.4 | 42.1 | 63.1 |
| 101 | 9.8 | 7.8 | 11.8 |
| 130 | 20.4 | 16.2 | 24.4 |




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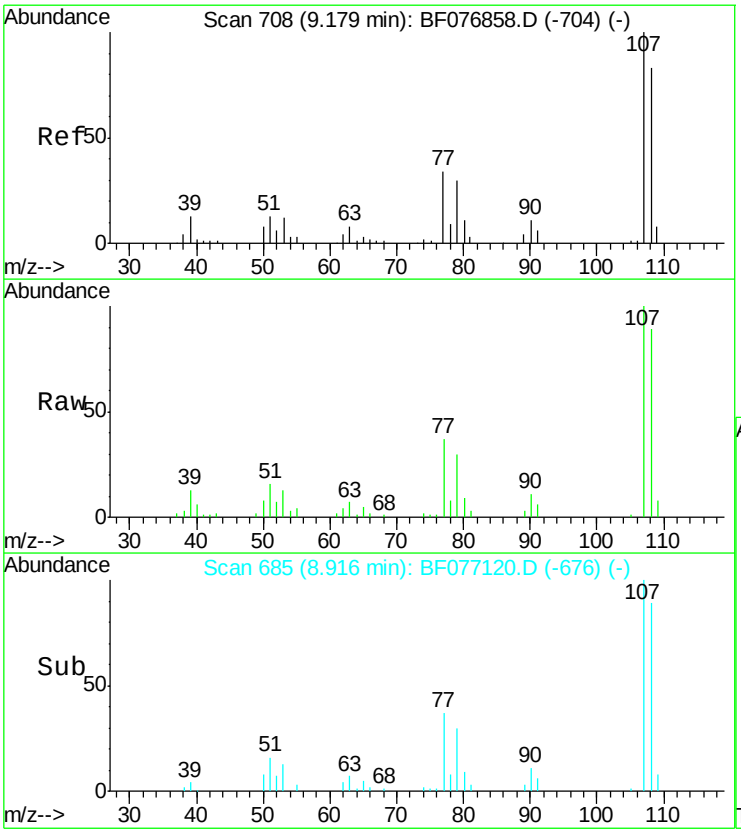
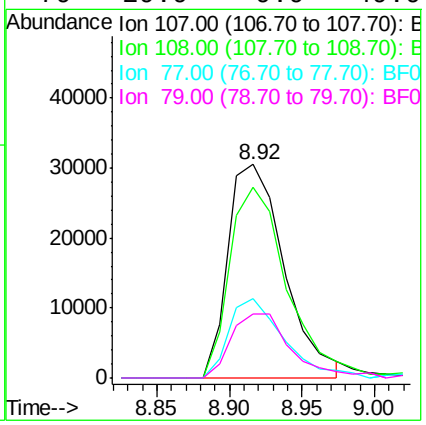
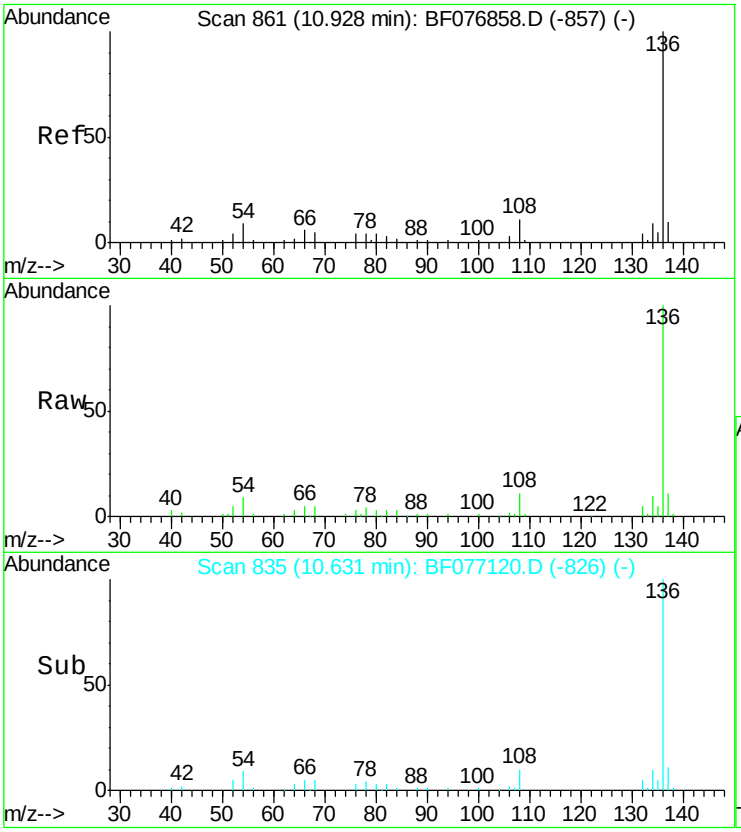



#20
3+4-Methylphenols
Concen: 35.67 ng
RT: 8.92 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:107 Resp: 81985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 89.4 | 63.5 | 103.5 |
| 77 | 37.3 | 14.0 | 54.0 |
| 79 | 29.9 | 9.9 | 49.9 |

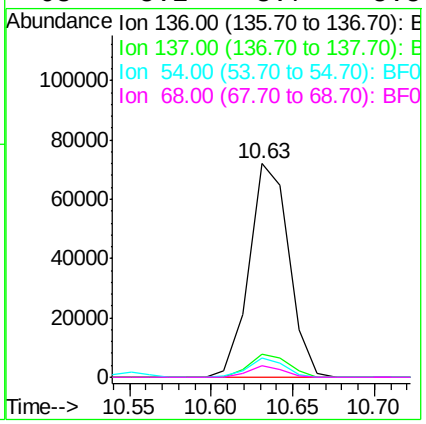





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.63 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:136 Resp: 121736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.1 | 12.1 |
| 54 | 8.7 | 7.0 | 10.4 |
| 68 | 5.2 | 3.7 | 5.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

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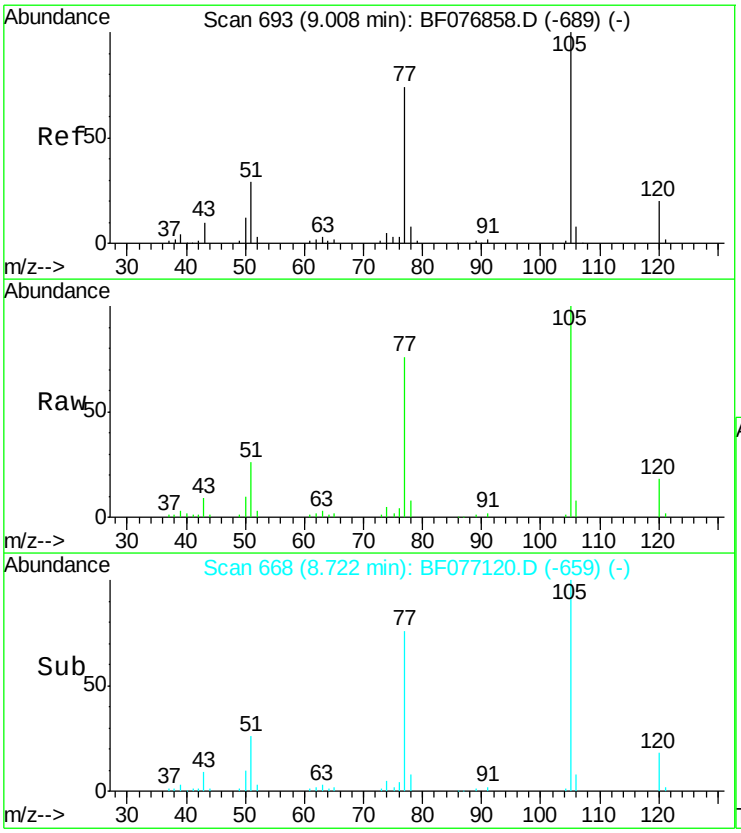
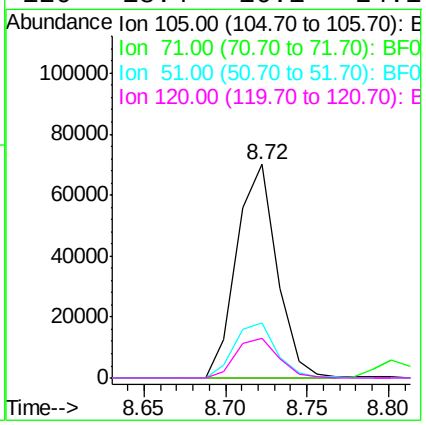
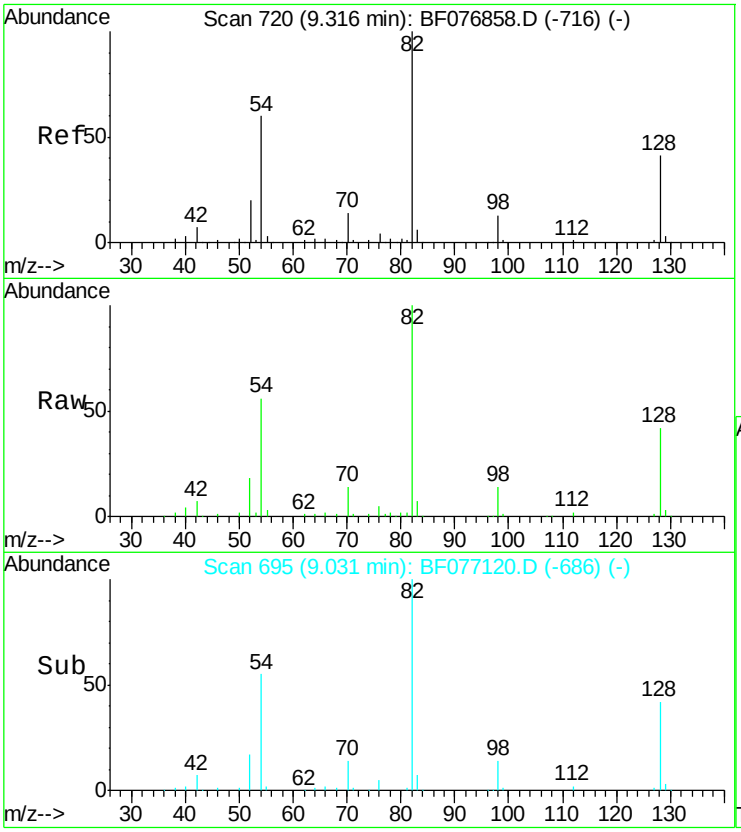



#22
Acetophenone
Concen: 40.21 ng
RT: 8.72 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:105 Resp: 119906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 0.0 | 0.0 | 0.0 |
| 51 | 26.0 | 23.3 | 34.9 |
| 120 | 18.4 | 16.1 | 24.1 |

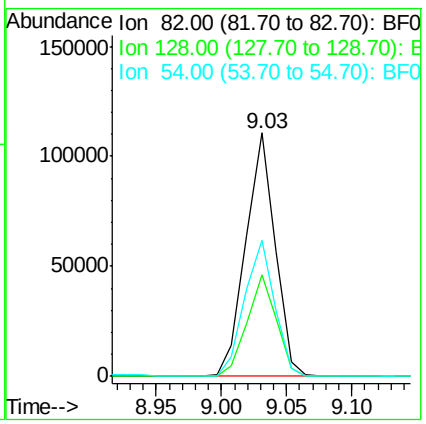





#23
Nitrobenzene-d5
Concen: 79.16 ng
RT: 9.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion: 82 Resp: 173952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.7 | 33.1 | 49.7 |
| 54 | 56.1 | 48.3 | 72.5 |




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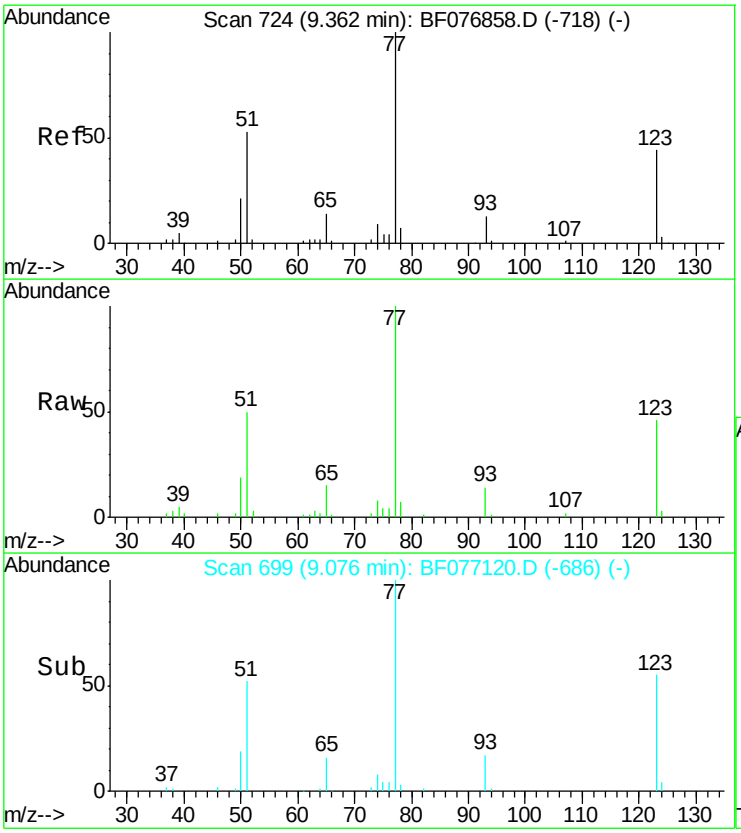
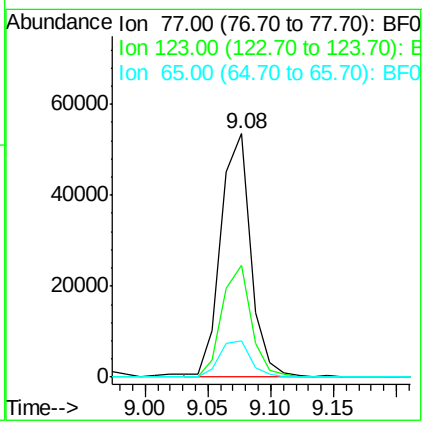
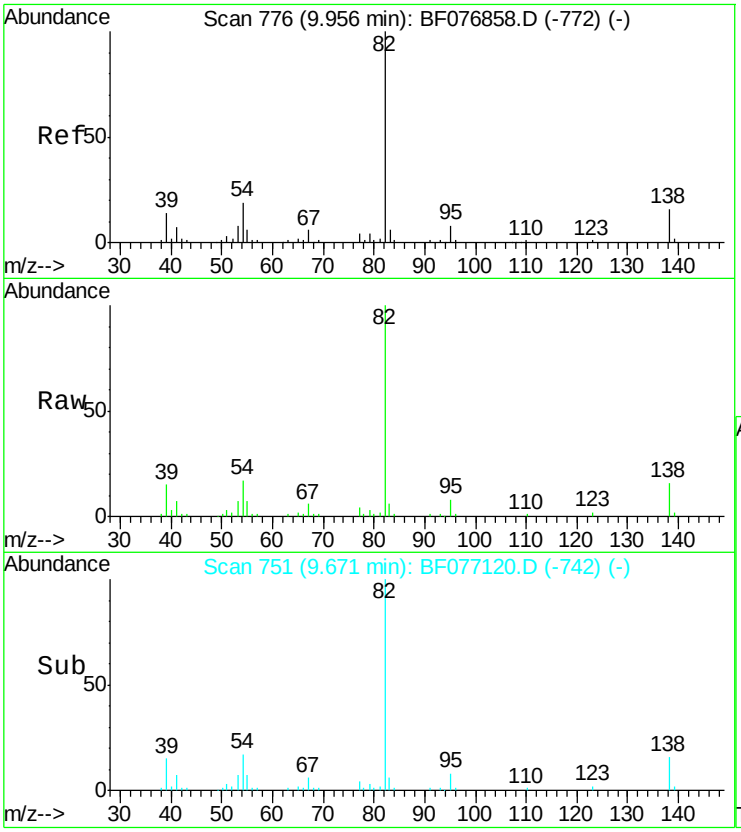



#24
Nitrobenzene
Concen: 39.34 ng m
RT: 9.08 min Scan# 699
Delta R.T. 0.05 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion: 77 Resp: 88067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 46.2 | 35.2 | 52.8 |
| 65 | 15.1 | 11.4 | 17.2 |

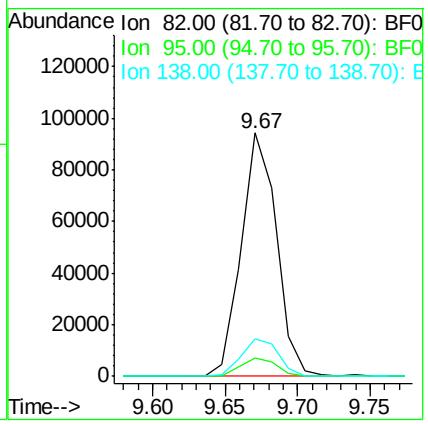





#25
Isophorone
Concen: 39.79 ng
RT: 9.67 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion: 82 Resp: 159240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.6 | 6.6 | 10.0 |
| 138 | 15.6 | 12.6 | 18.8 |




**Instrument :**
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**ClientSampleId :**
SB-84(17-19)MS

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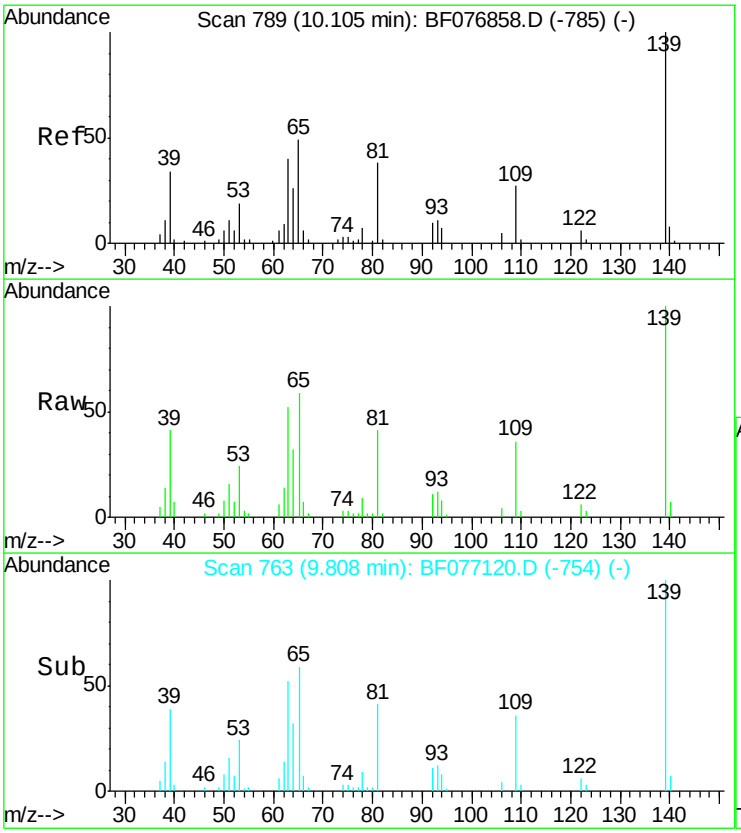
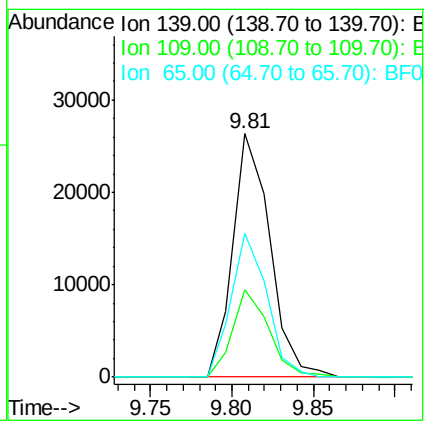
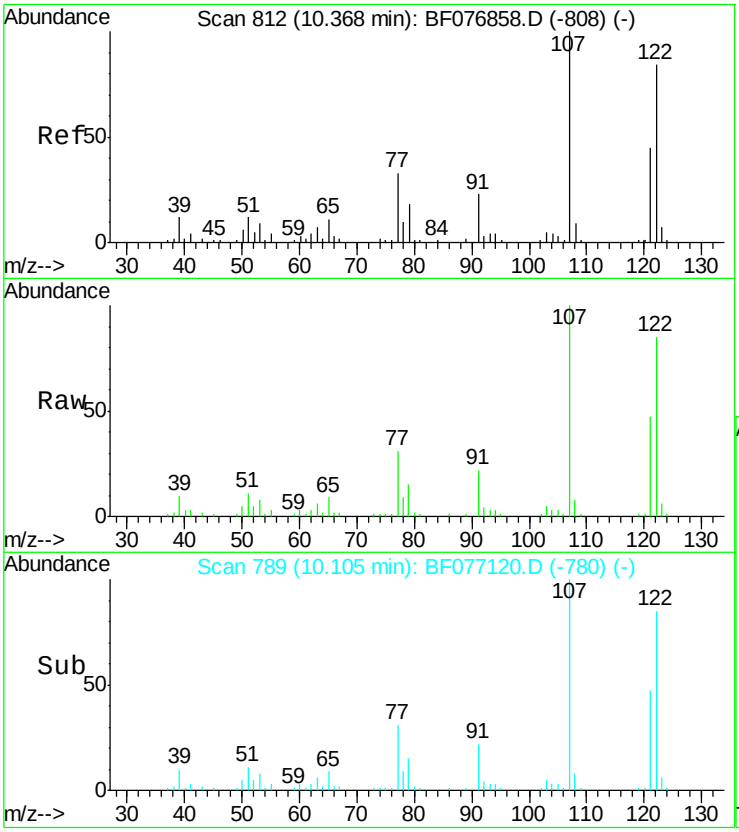



#26
2-Nitrophenol
Concen: 36.63 ng
RT: 9.81 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:139 Resp: 41487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 36.0 | 21.3 | 31.9# |
| 65 | 59.1 | 39.4 | 59.0# |

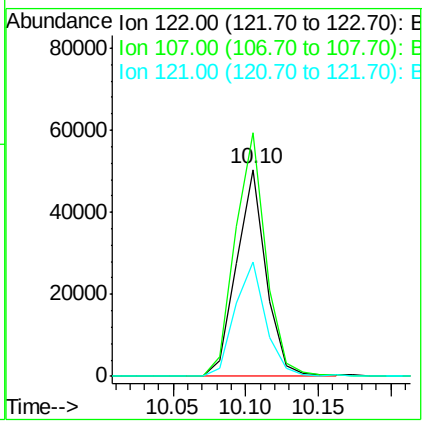





#27
2,4-Dimethylphenol
Concen: 41.33 ng
RT: 10.10 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:122 Resp: 71547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 117.7 | 95.2 | 142.8 |
| 121 | 55.1 | 42.9 | 64.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

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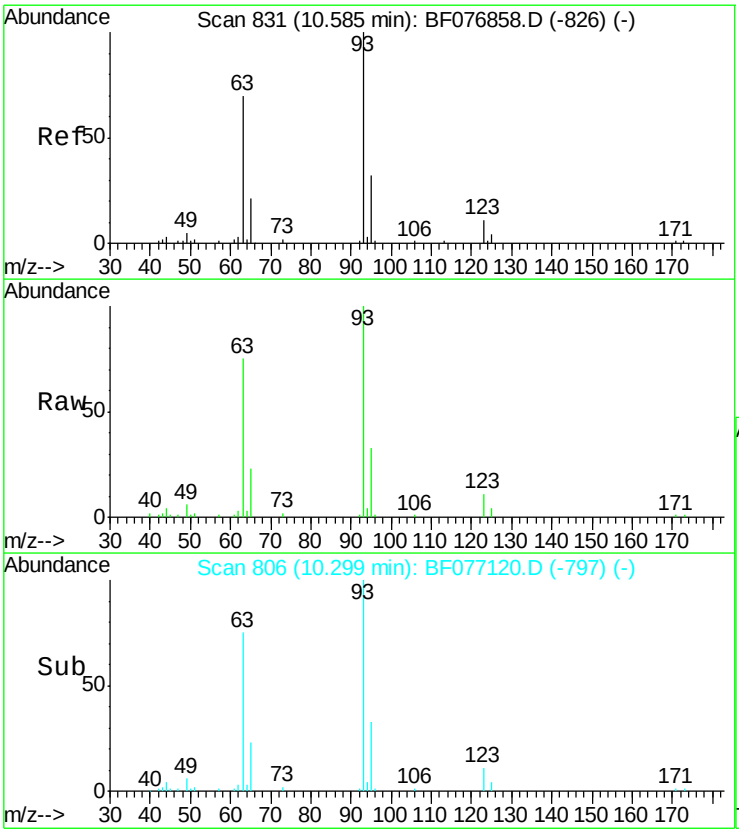
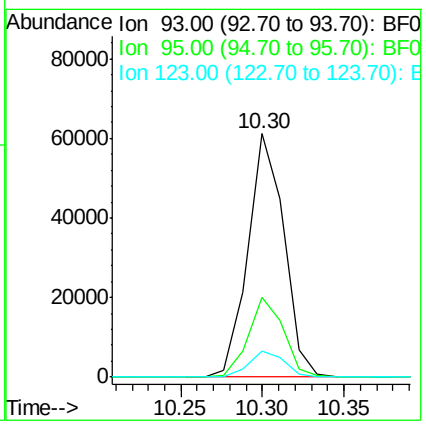
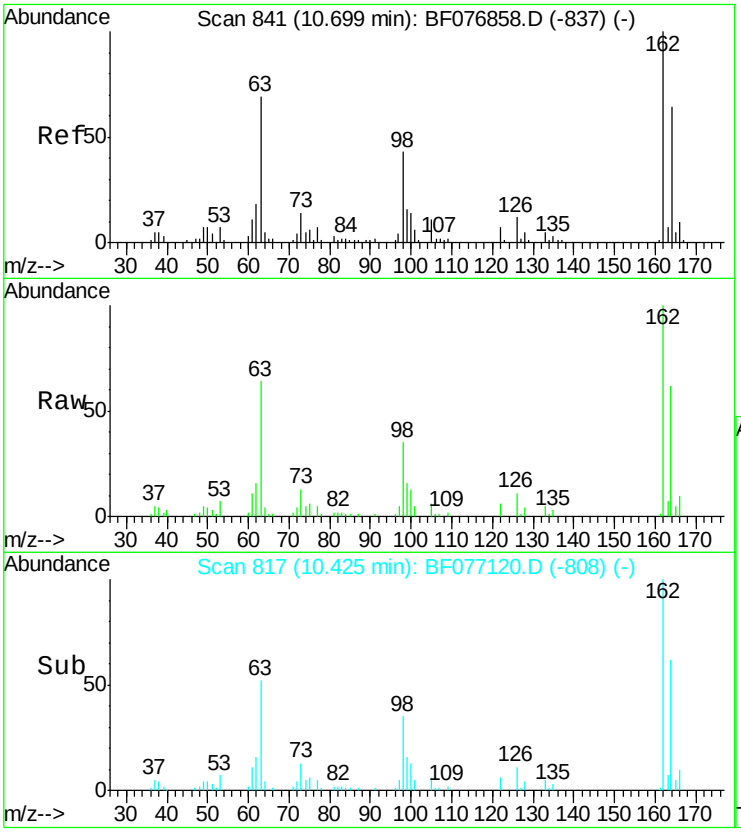



#28
bis(2-Chloroethoxy)methane
Concen: 41.29 ng
RT: 10.30 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion: 93 Resp: 93911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.8 | 25.6 | 38.4 |
| 123 | 10.5 | 8.9 | 13.3 |

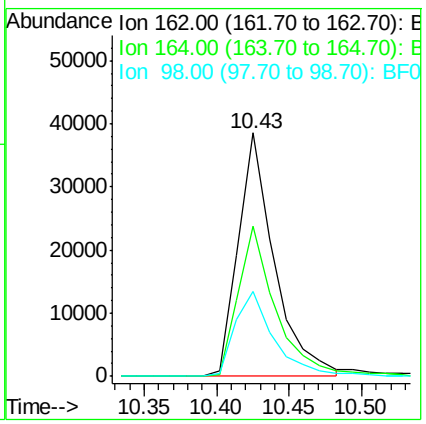





#29
2,4-Dichlorophenol
Concen: 41.36 ng
RT: 10.43 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:162 Resp: 66723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 61.6 | 43.8 | 83.8 |
| 98 | 35.0 | 22.5 | 62.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

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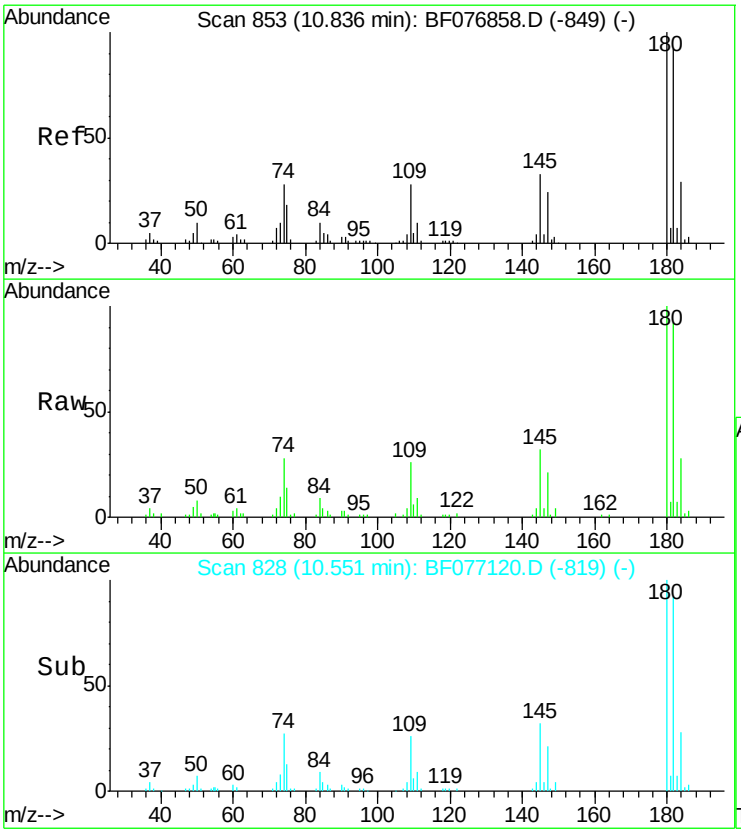
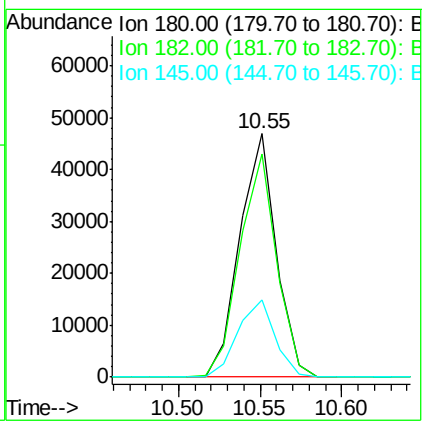
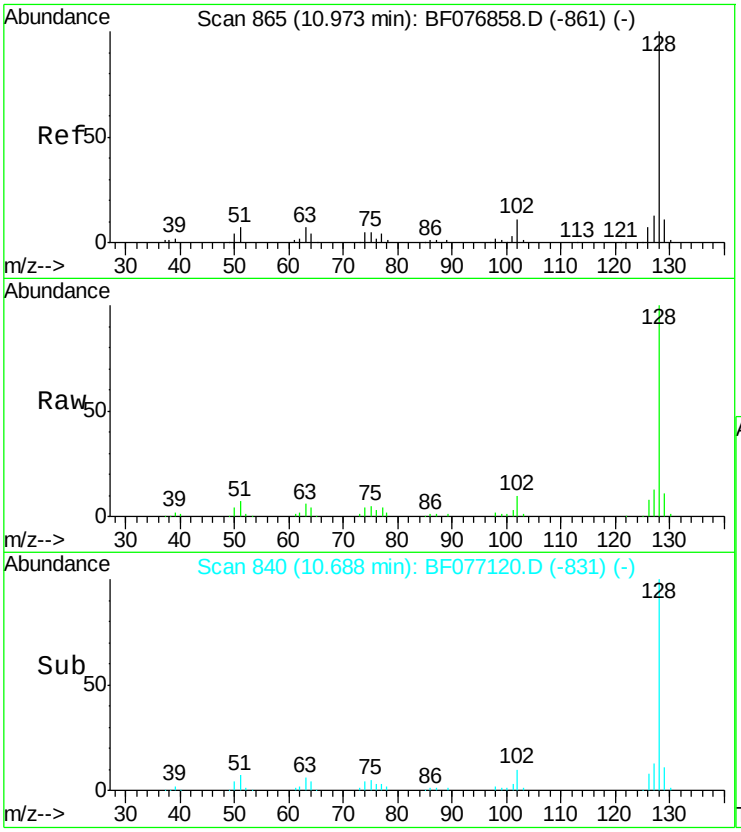



#30
1,2,4-Trichlorobenzene
Concen: 40.35 ng
RT: 10.55 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:180 Resp: 72299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 91.9 | 73.6 | 110.4 |
| 145 | 31.8 | 26.6 | 39.8 |

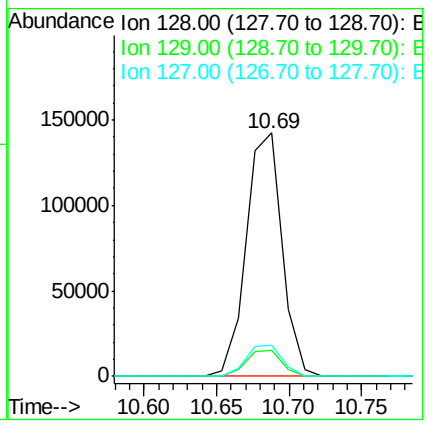





#31
Naphthalene
Concen: 38.88 ng
RT: 10.69 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:128 Resp: 243689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.7 | 9.0 | 13.6 |
| 127 | 12.9 | 10.2 | 15.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

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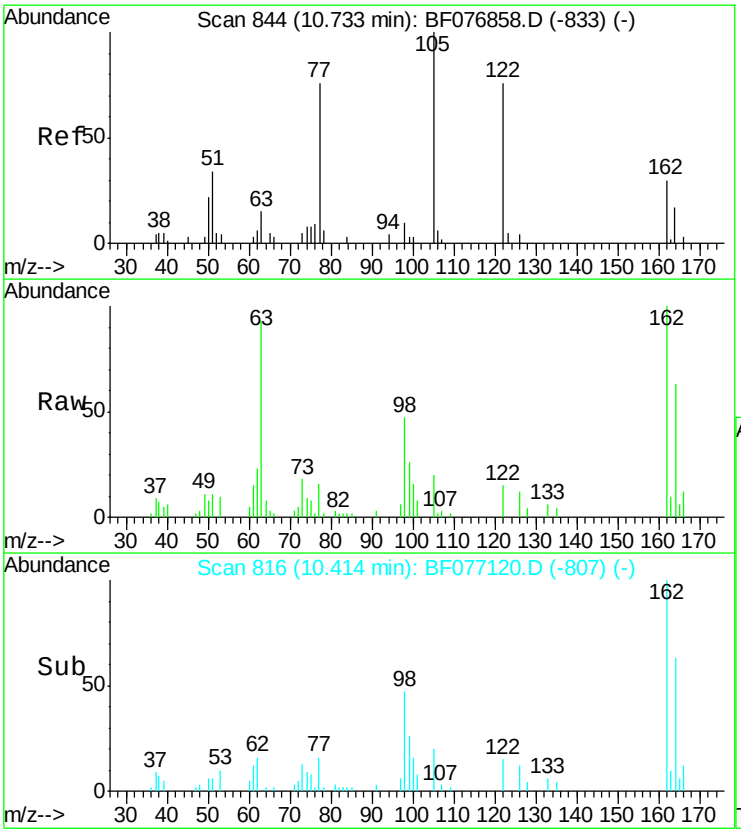
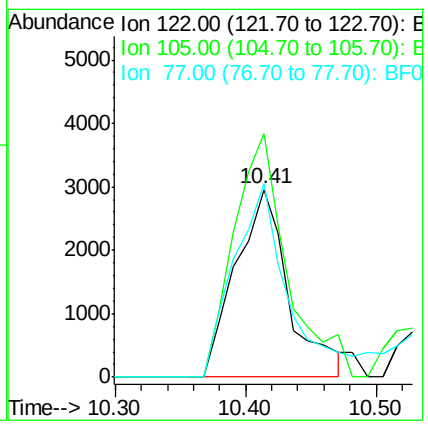
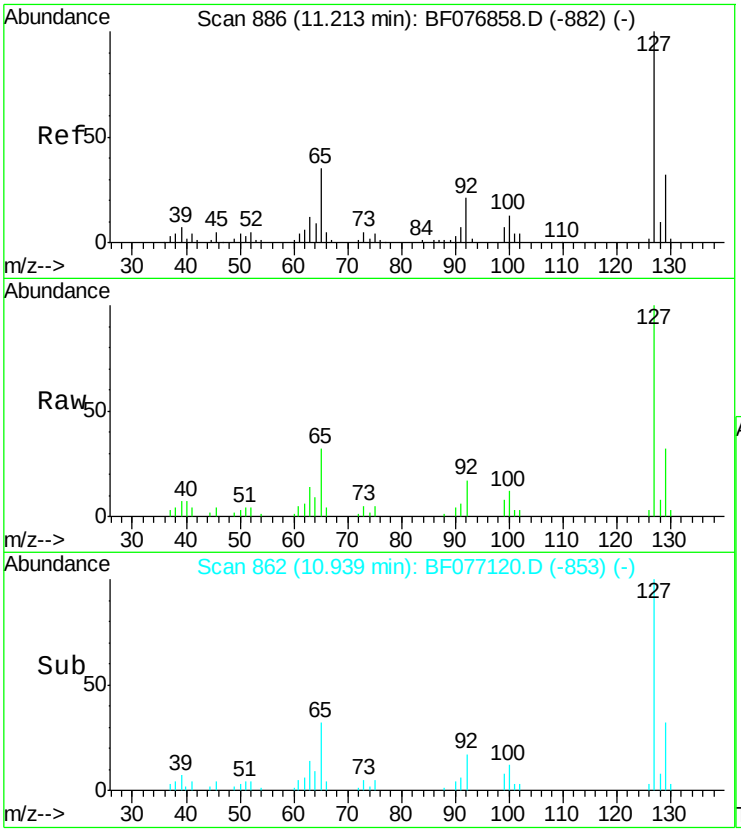



#32
Benzoic acid
Concen: 8.72 ng
RT: 10.41 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:122 Resp: 8361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 129.7 | 111.3 | 151.3 |
| 77 | 102.9 | 79.2 | 119.2 |

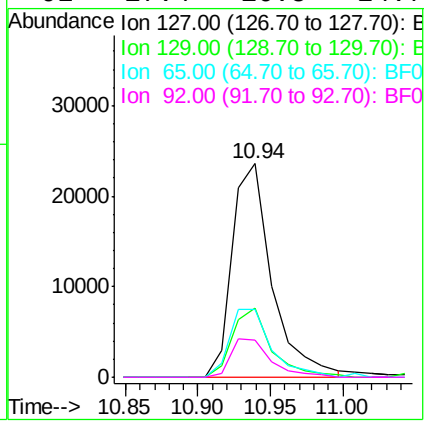





#33
4-Chloroaniline
Concen: 17.78 ng
RT: 10.94 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:127 Resp: 45024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.1 | 25.3 | 37.9 |
| 65 | 31.7 | 27.8 | 41.6 |
| 92 | 17.4 | 16.5 | 24.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

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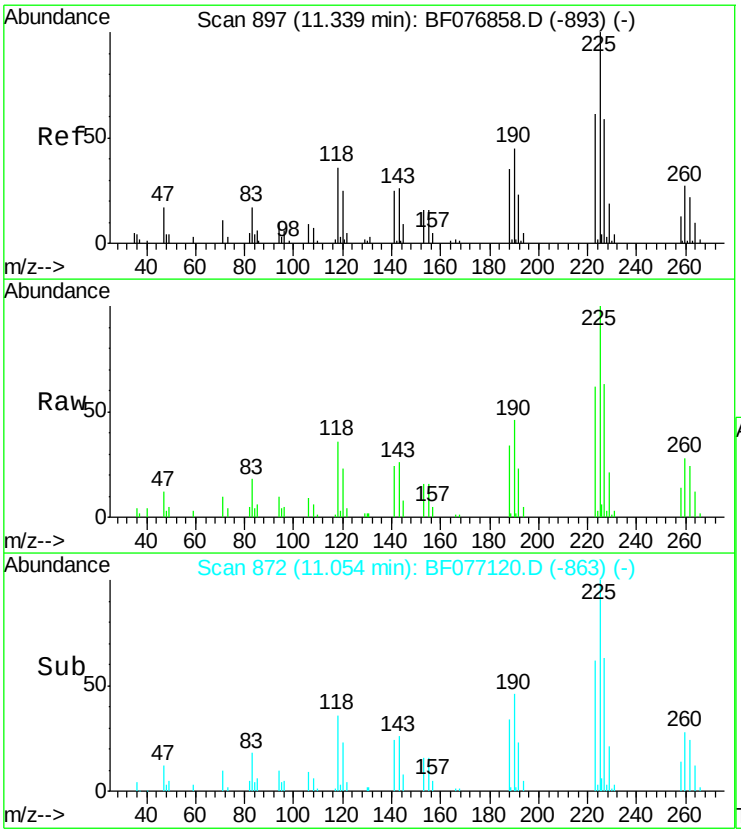
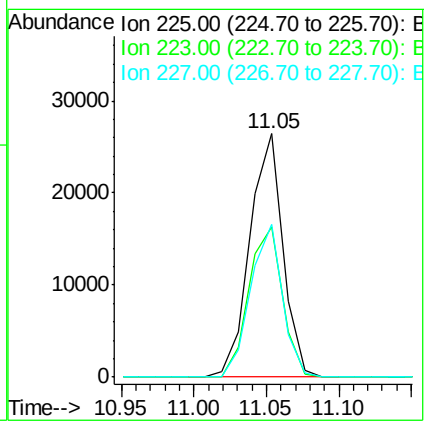
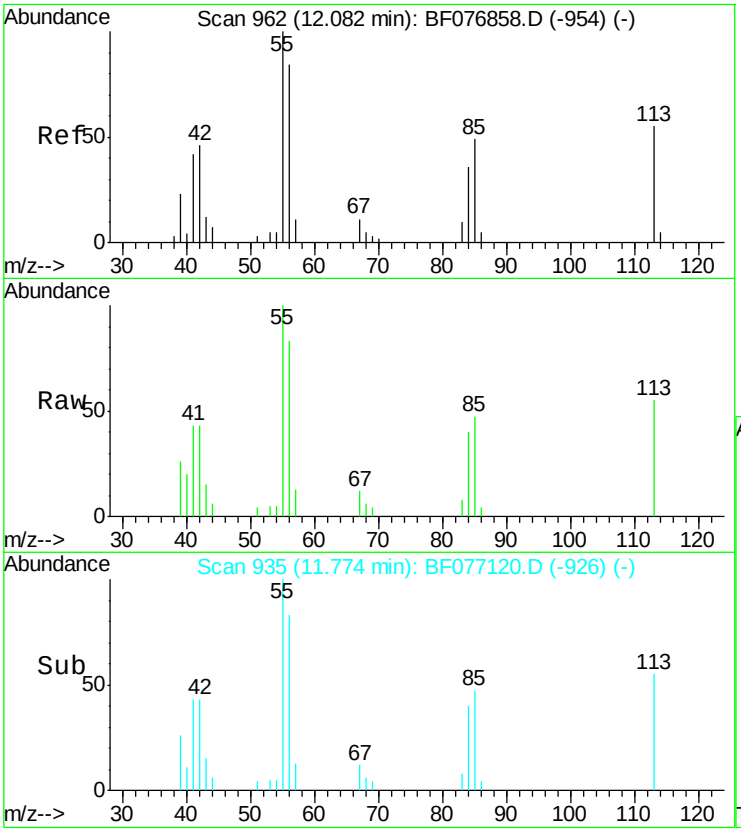



#34
Hexachlorobutadiene
Concen: 39.20 ng
RT: 11.05 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:225 Resp: 41673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.6 | 49.1 | 73.7 |
| 227 | 62.6 | 47.5 | 71.3 |

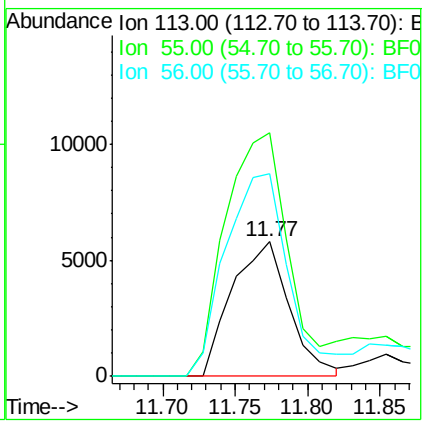





#35
Caprolactam
Concen: 33.43 ng
RT: 11.77 min Scan# 935
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:113 Resp: 15878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 181.4 | 162.1 | 202.1 |
| 56 | 150.5 | 133.7 | 173.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

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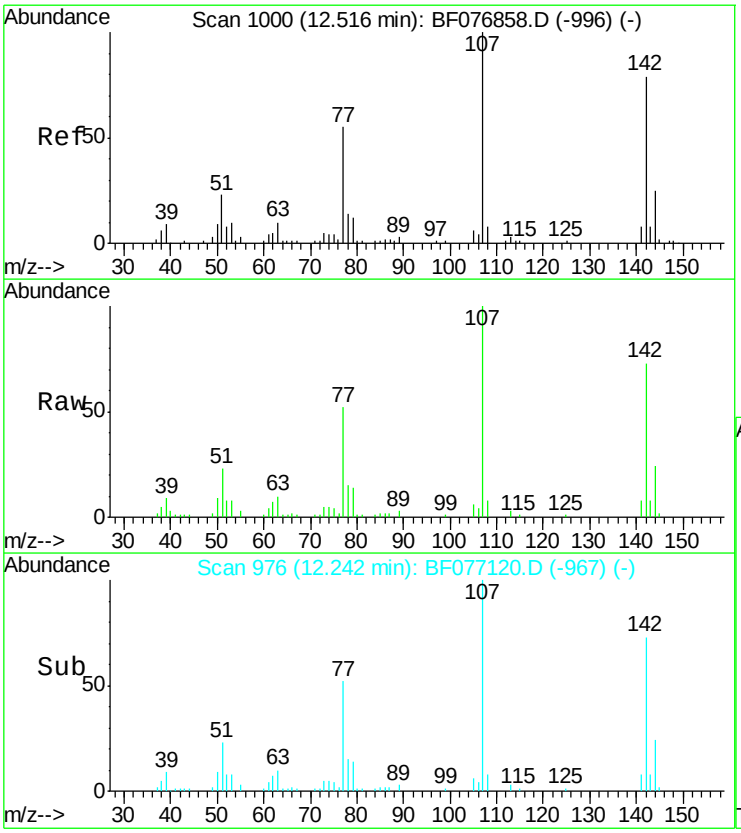
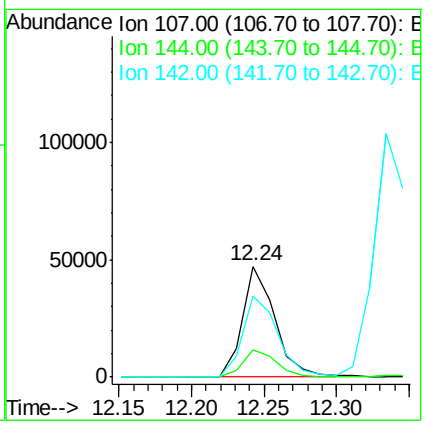
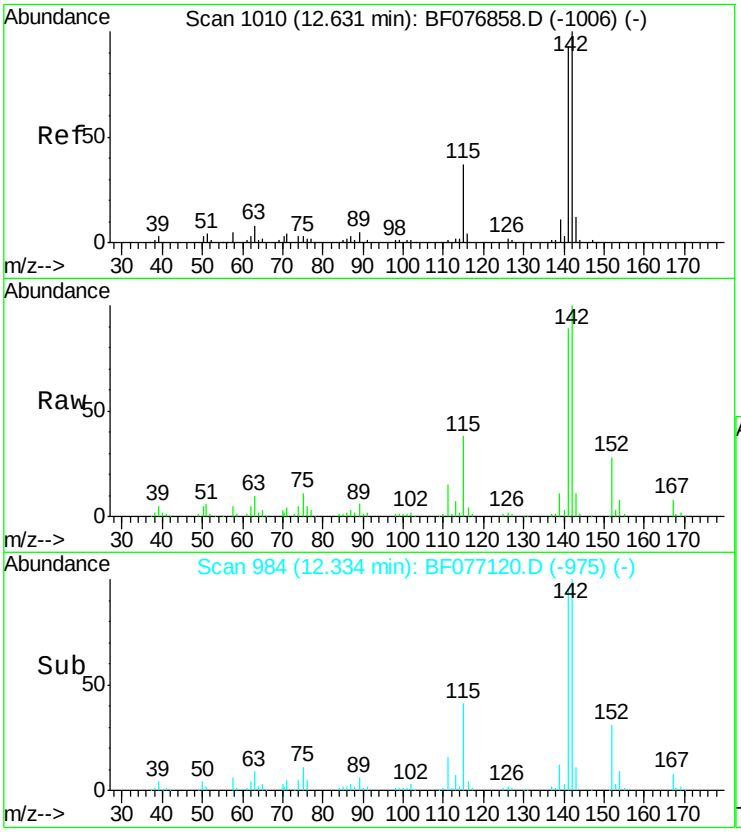



#36
4-Chloro-3-methylphenol
Concen: 39.86 ng
RT: 12.24 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:107 Resp: 73629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.3 | 20.0 | 30.0 |
| 142 | 73.2 | 63.5 | 95.3 |

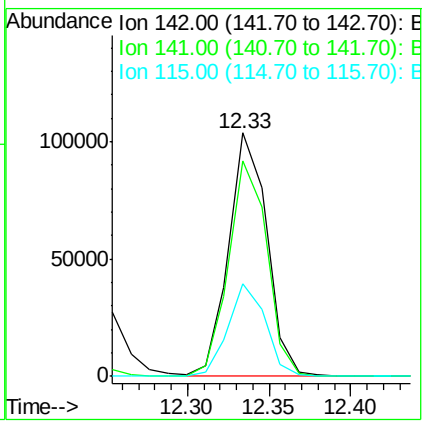





#37
2-Methylnaphthalene
Concen: 38.94 ng
RT: 12.33 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:142 Resp: 166692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.7 | 74.5 | 111.7 |
| 115 | 37.8 | 29.7 | 44.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

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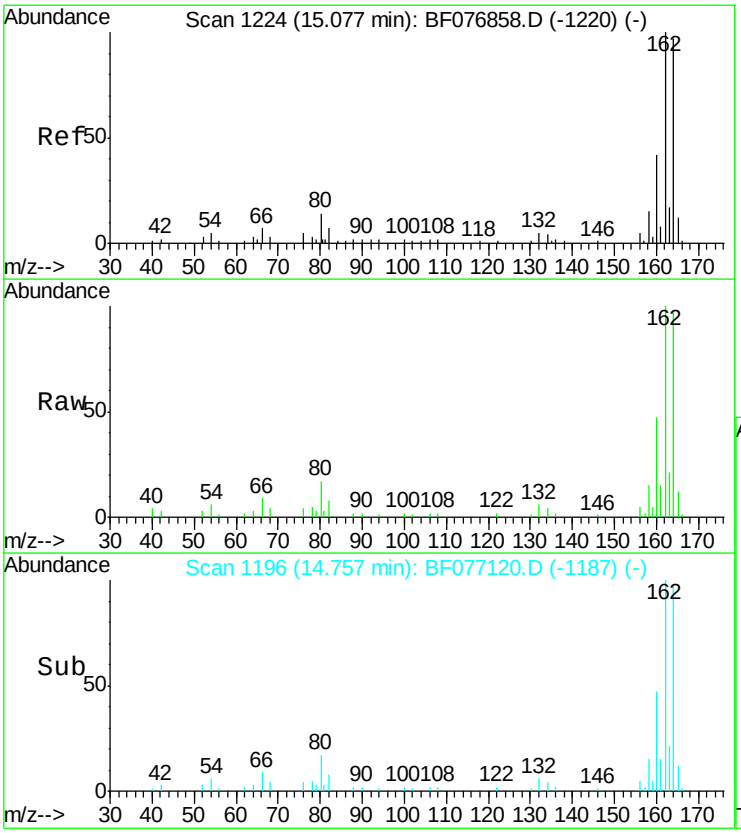
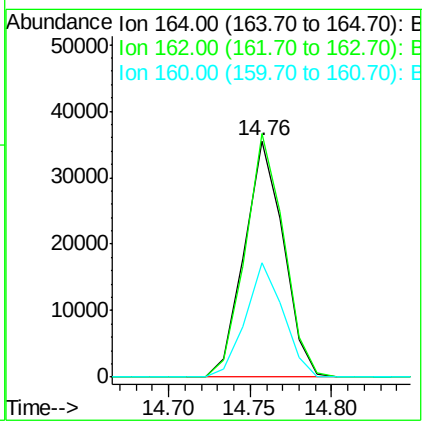
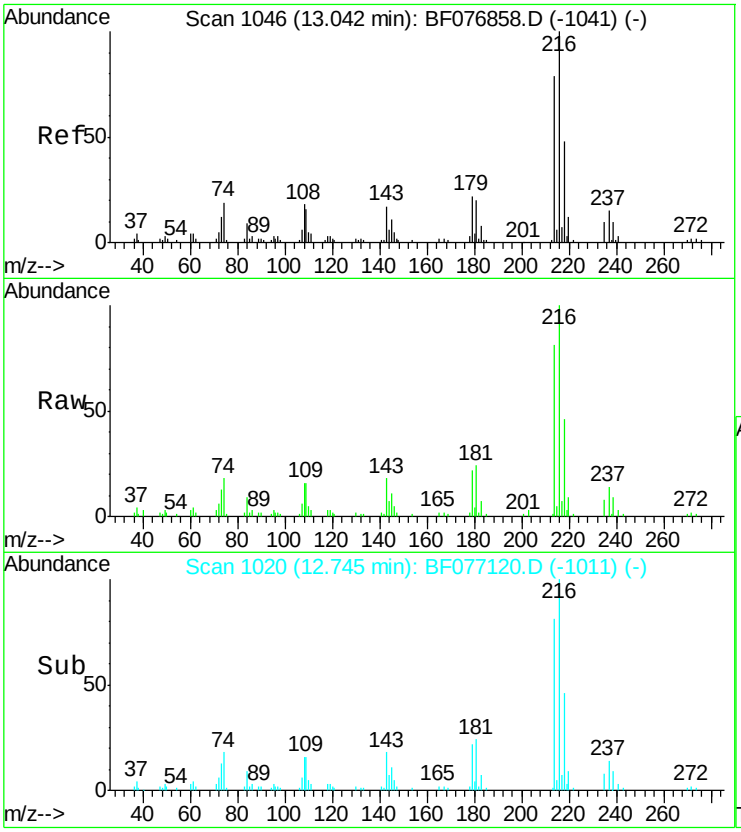



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:164 Resp: 59263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.2 | 82.4 | 123.6 |
| 160 | 48.5 | 34.8 | 52.2 |

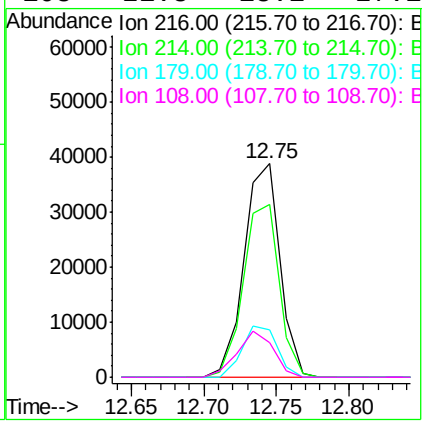





#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.38 ng
RT: 12.75 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:216 Resp: 66496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 81.3 | 64.9 | 97.3 |
| 179 | 23.2 | 18.6 | 28.0 |
| 108 | 21.8 | 18.1 | 27.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

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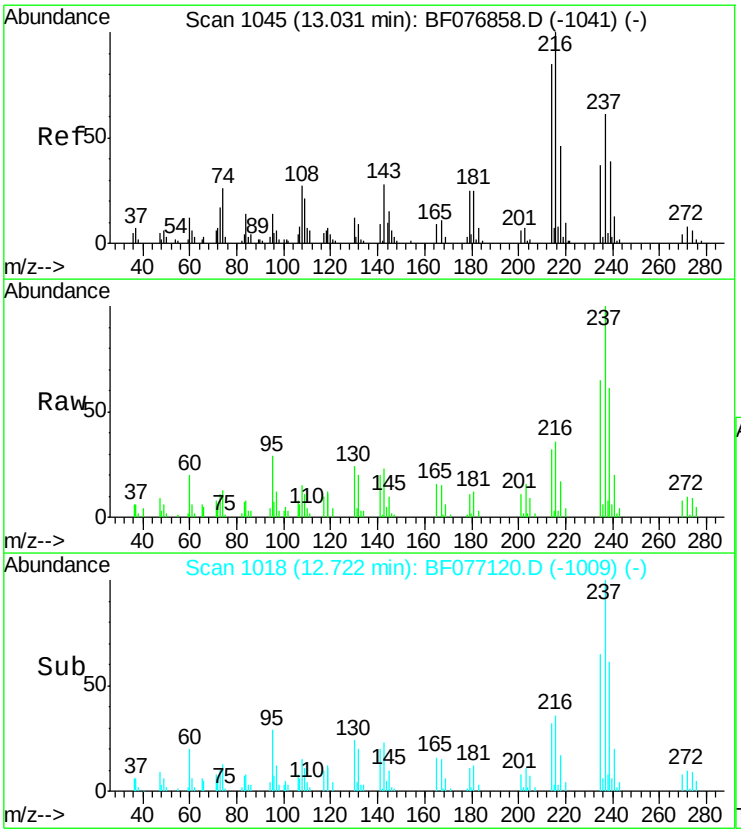
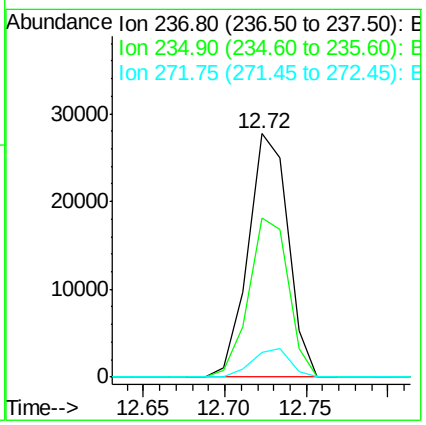
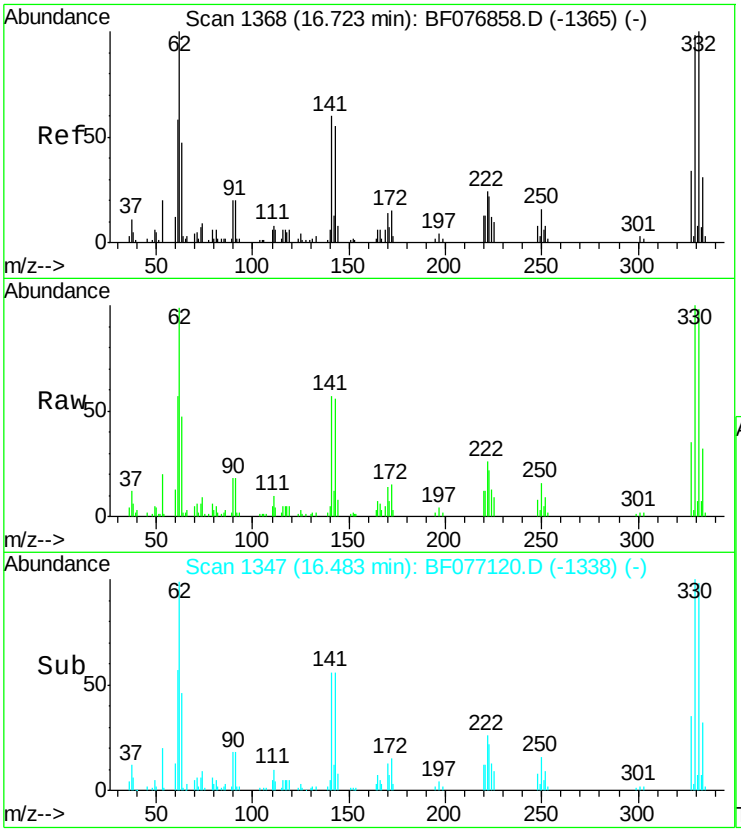



#40
Hexachlorocyclopentadiene
Concen: 60.90 ng
RT: 12.72 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:237 Resp: 47121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 65.4 | 40.4 | 80.4 |
| 272 | 10.3 | 0.0 | 33.2 |

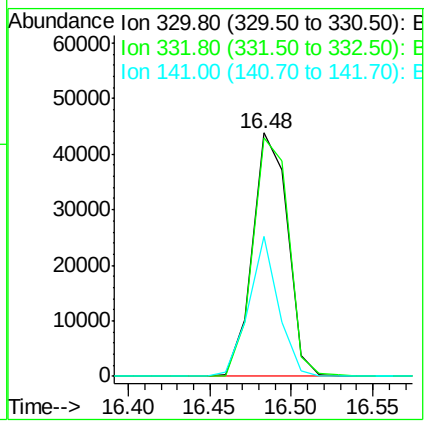





#41
2,4,6-Tribromophenol
Concen: 136.16 ng
RT: 16.48 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:330 Resp: 65499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 100.4 | 77.8 | 116.6 |
| 141 | 48.4 | 38.5 | 57.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

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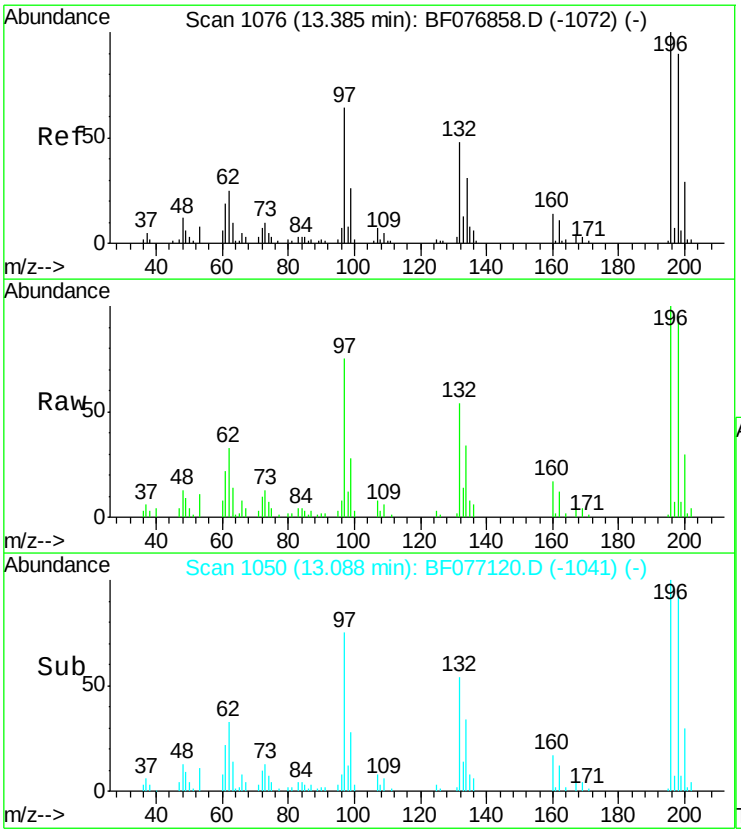
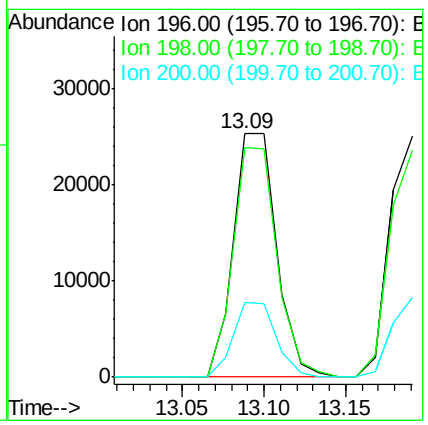
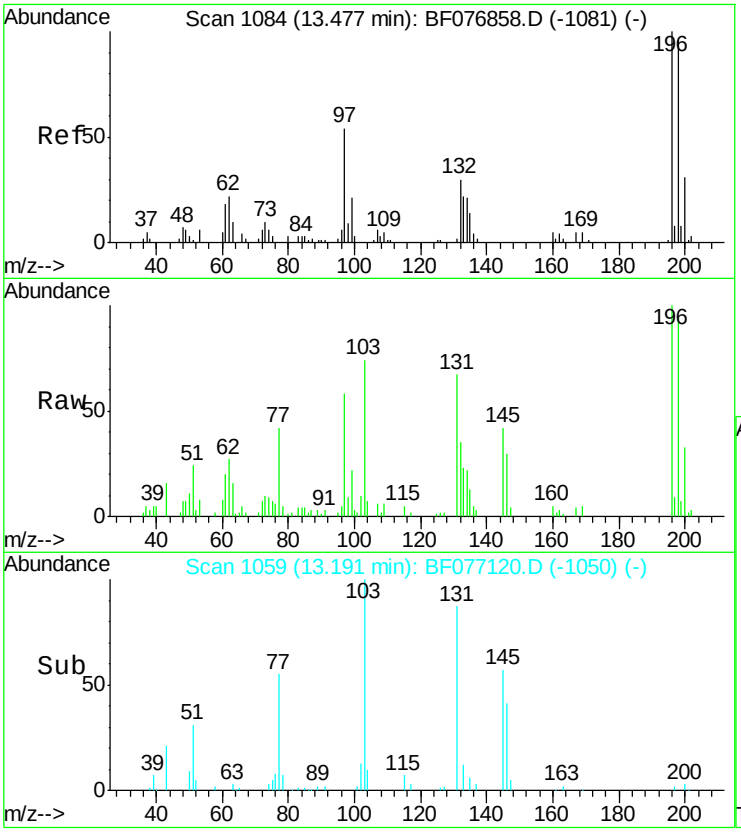



#42
2,4,6-Trichlorophenol
Concen: 43.43 ng
RT: 13.09 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:196 Resp: 46364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.5 | 72.0 | 108.0 |
| 200 | 30.5 | 23.4 | 35.2 |

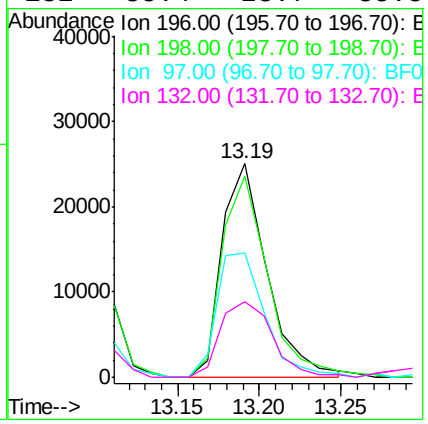





#43
2,4,5-Trichlorophenol
Concen: 44.06 ng
RT: 13.19 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:196 Resp: 47968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.0 | 76.6 | 115.0 |
| 97 | 58.2 | 43.4 | 65.0 |
| 132 | 35.4 | 23.7 | 35.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

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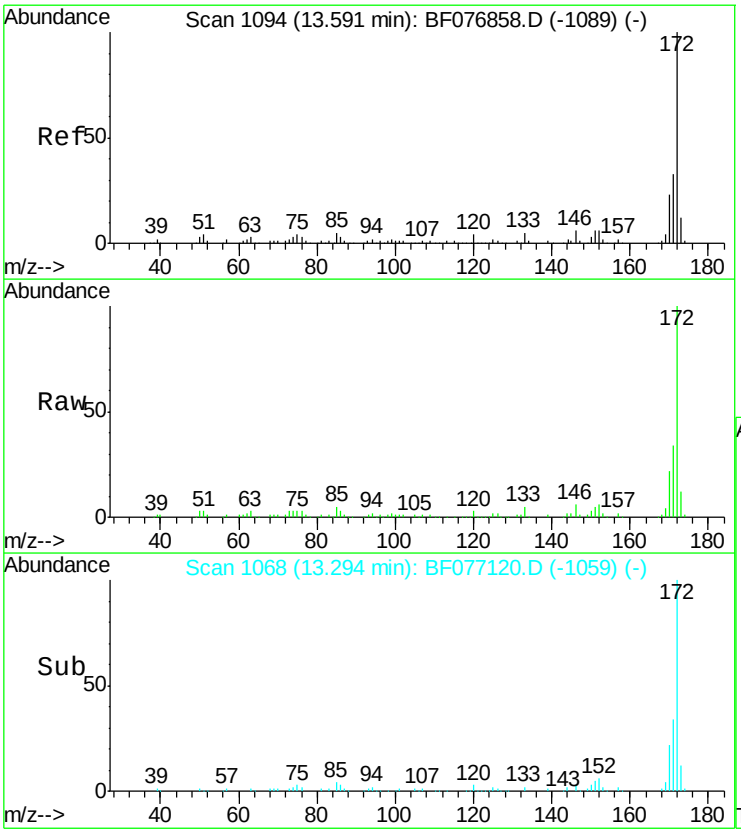
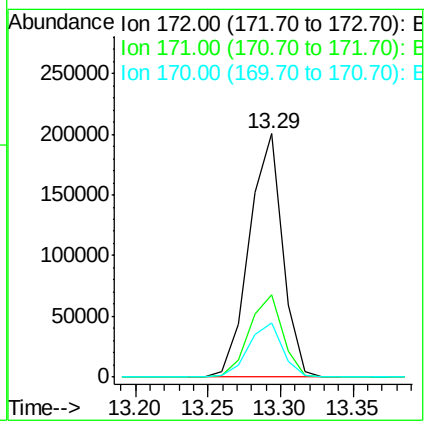
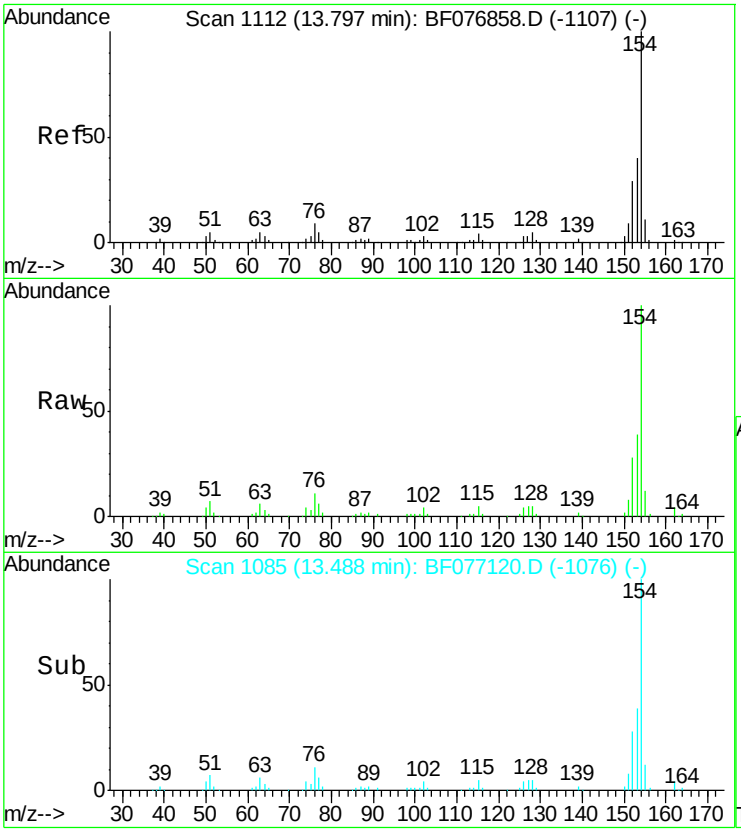



#44
2-Fluorobiphenyl
Concen: 81.69 ng
RT: 13.29 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:172 Resp: 318112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 33.6 | 26.6 | 40.0 |
| 170 | 22.3 | 18.0 | 27.0 |

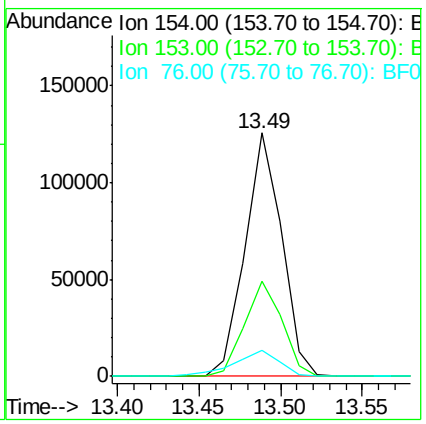





#45
1,1'-Biphenyl
Concen: 44.62 ng
RT: 13.49 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:154 Resp: 196042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 38.9 | 20.2 | 60.2 |
| 76 | 10.8 | 0.0 | 29.0 |




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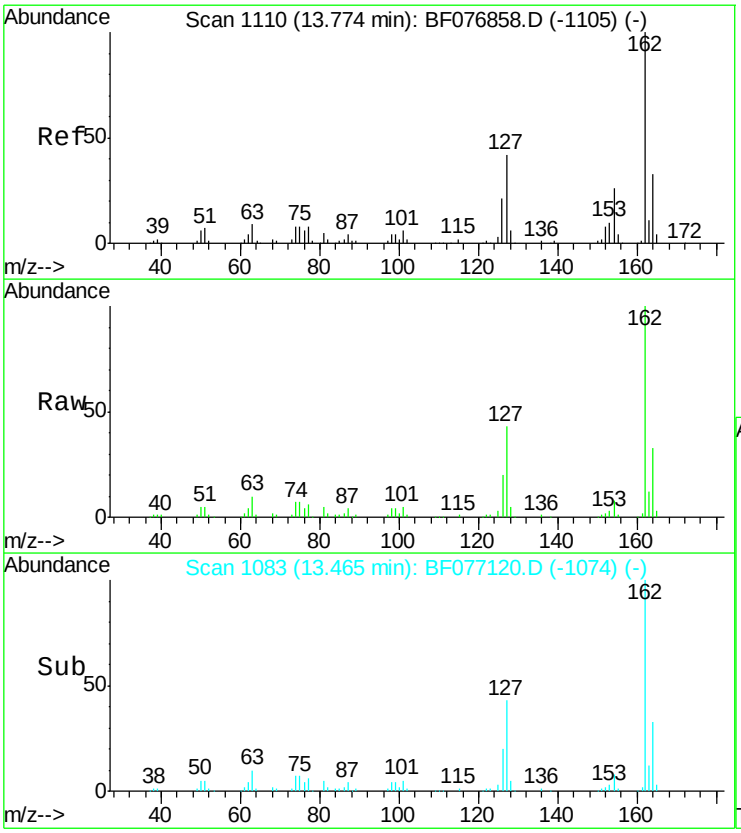
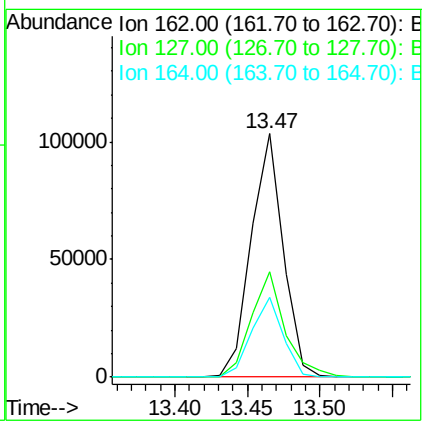
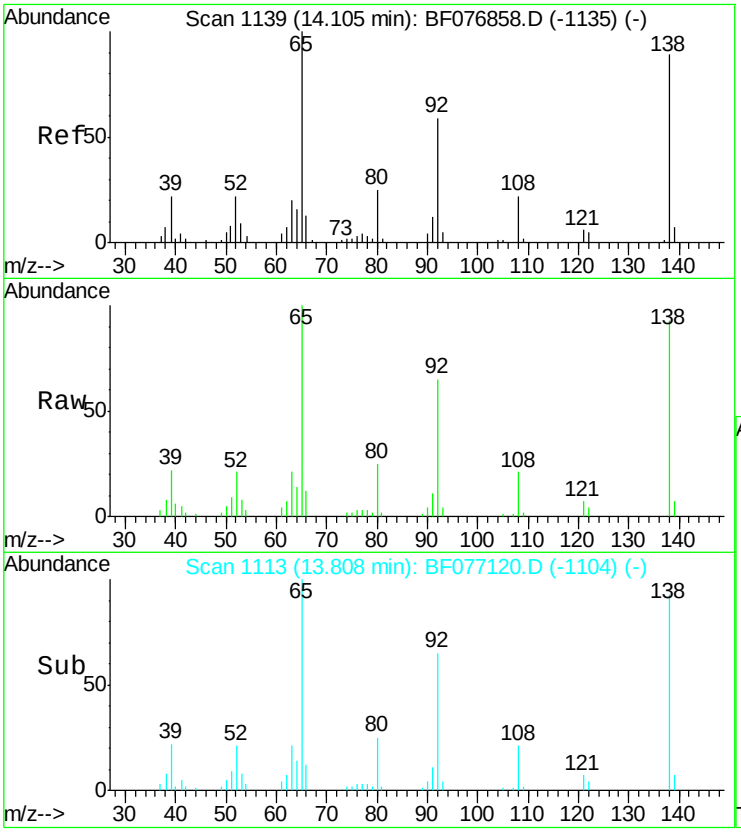



#46
2-Chloronaphthalene
Concen: 43.83 ng
RT: 13.47 min Scan# 1083
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:162 Resp: 158448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 43.5 | 33.8 | 50.6 |
| 164 | 32.5 | 26.8 | 40.2 |

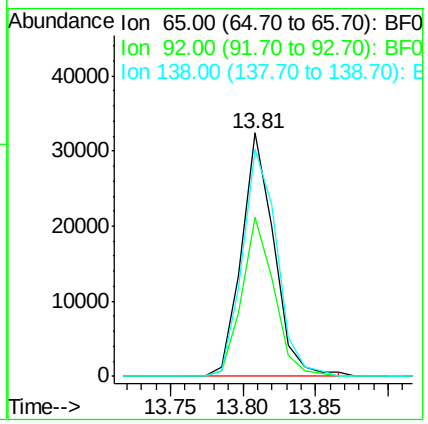





#47
2-Nitroaniline
Concen: 46.04 ng
RT: 13.81 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion: 65 Resp: 50499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 65.3 | 47.3 | 70.9 |
| 138 | 93.1 | 71.4 | 107.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

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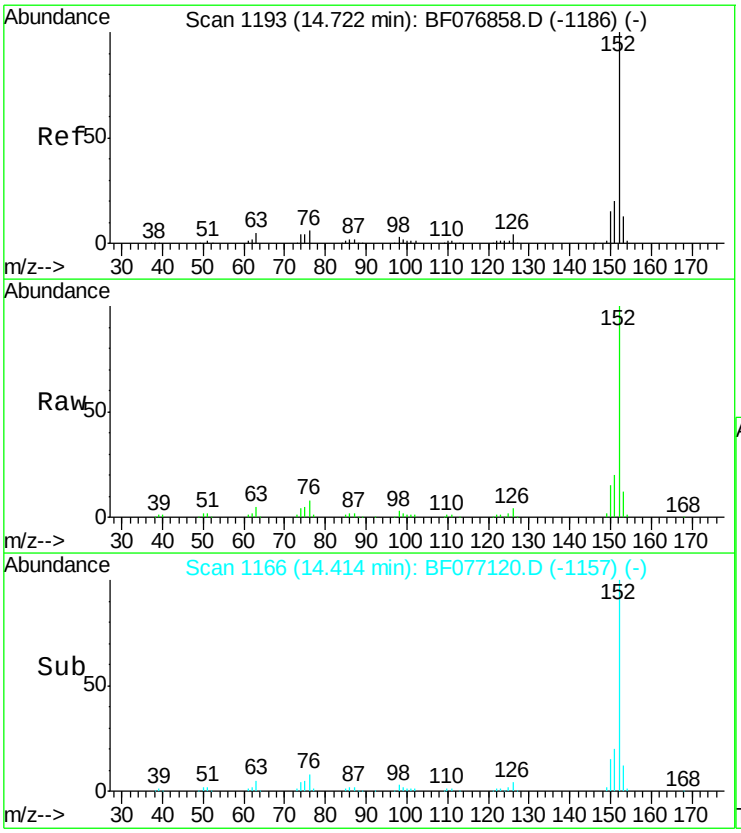
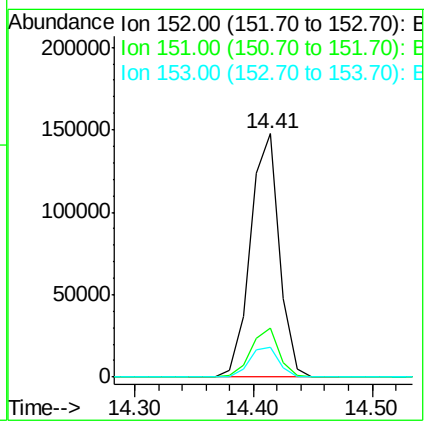
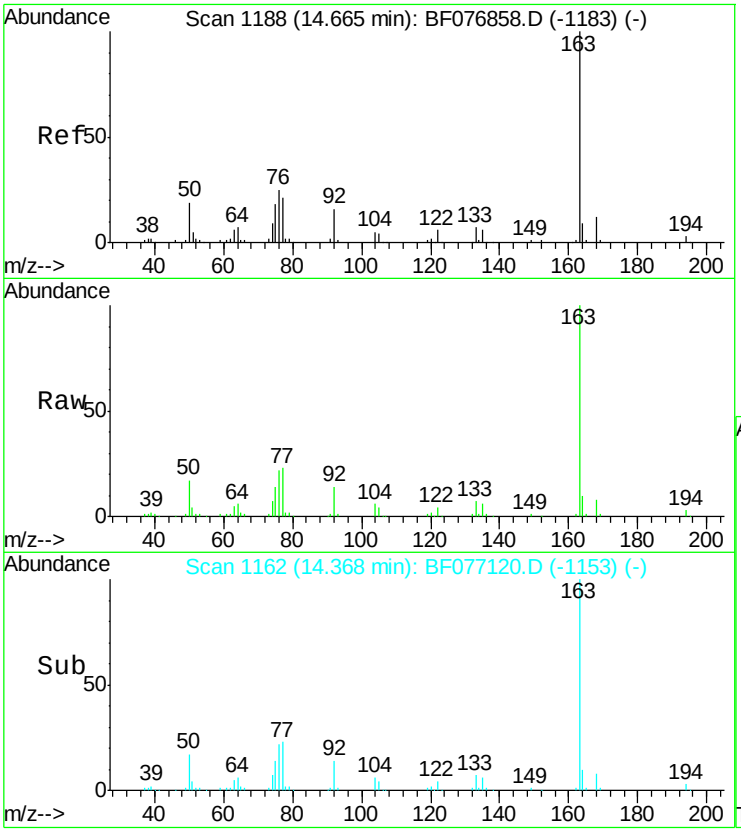



#48
Acenaphthylene
Concen: 41.22 ng
RT: 14.41 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:152 Resp: 251381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.0 | 15.9 | 23.9 |
| 153 | 12.4 | 10.2 | 15.4 |

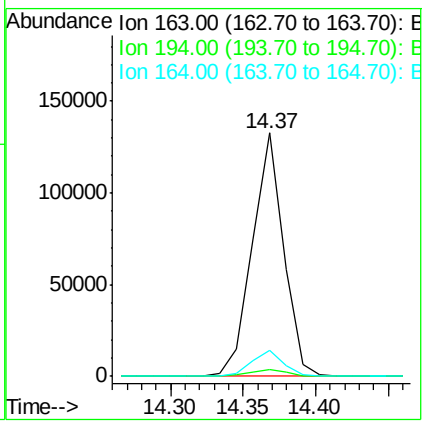





#49
Dimethylphthalate
Concen: 47.19 ng
RT: 14.37 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:163 Resp: 198328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.0 | 2.6 | 4.0 |
| 164 | 10.4 | 7.5 | 11.3 |




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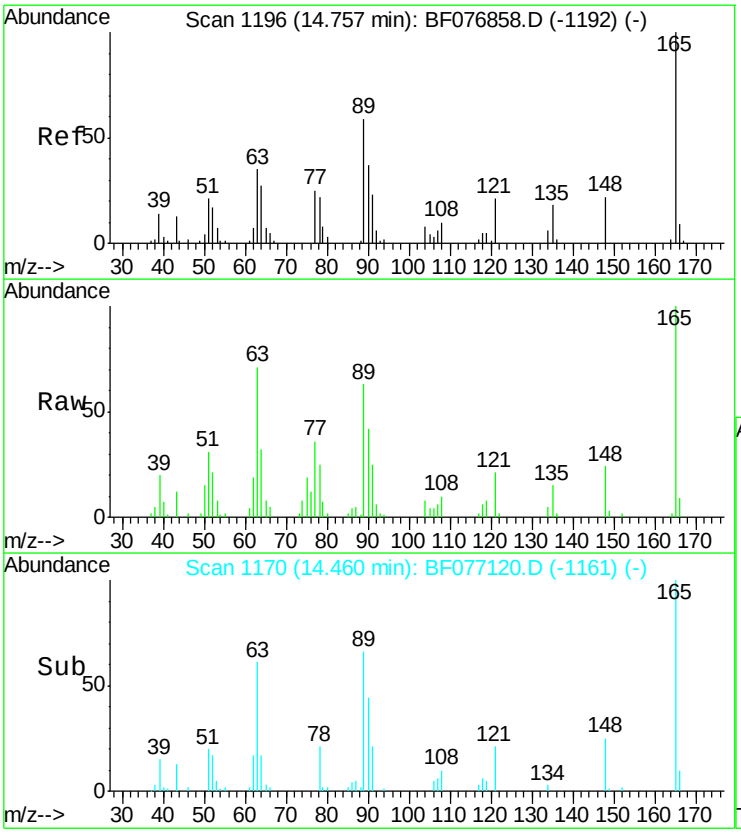
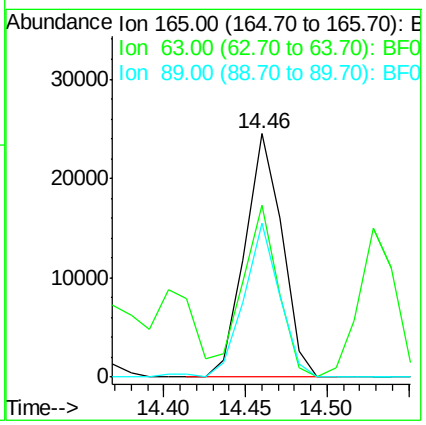
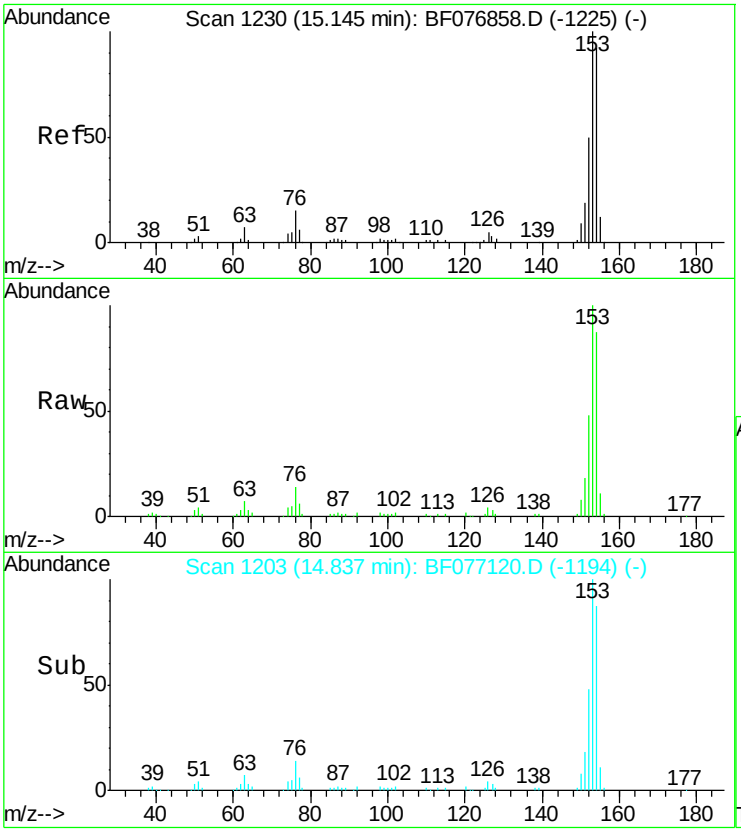



#50
2,6-Dinitrotoluene
Concen: 46.31 ng
RT: 14.46 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:165 Resp: 38882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 70.6 | 48.1 | 72.1 |
| 89 | 63.3 | 47.2 | 70.8 |






#51
Acenaphthene
Concen: 41.43 ng
RT: 14.84 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:154 Resp: 143360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.5 | 87.0 | 130.6 |
| 152 | 55.9 | 43.5 | 65.3 |

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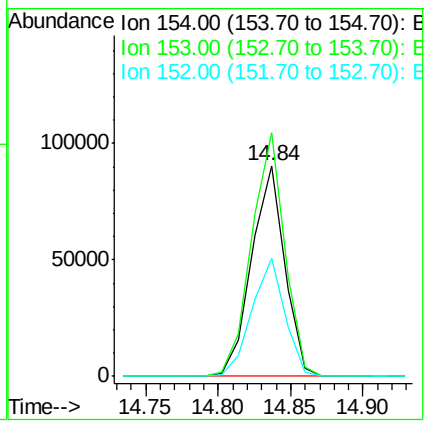
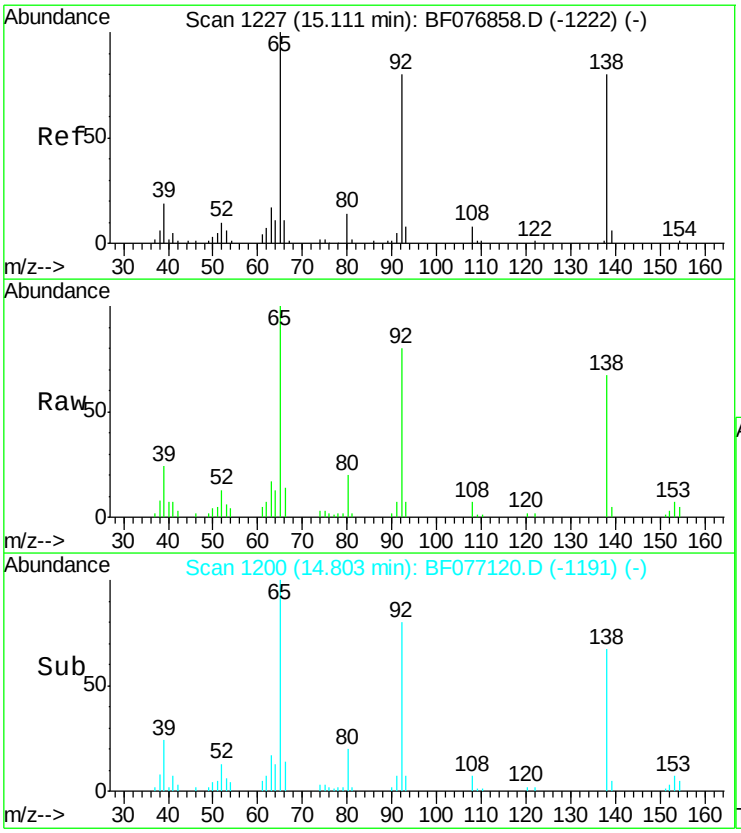
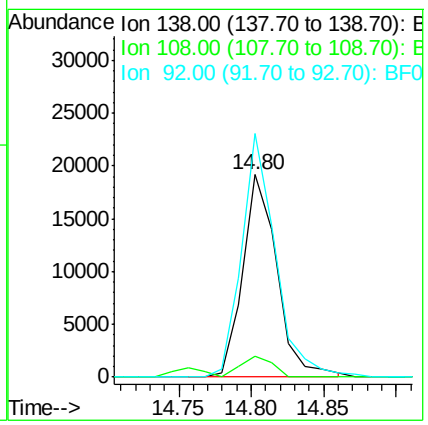


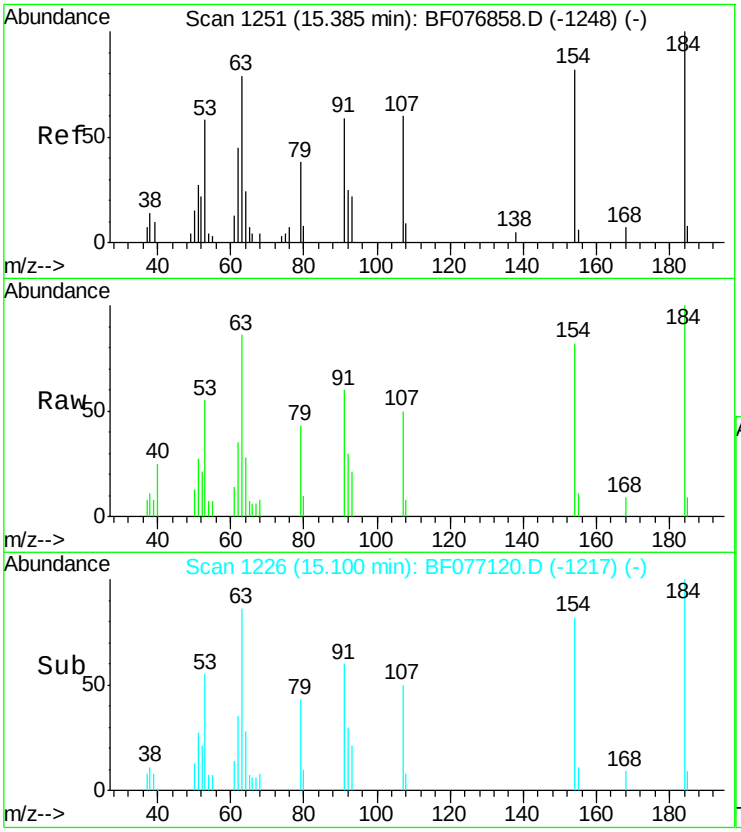




#52
3-Nitroaniline
Concen: 29.32 ng
RT: 14.80 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:138 Resp: 31347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.2 | 8.3 | 12.5 |
| 92 | 120.5 | 80.9 | 121.3 |

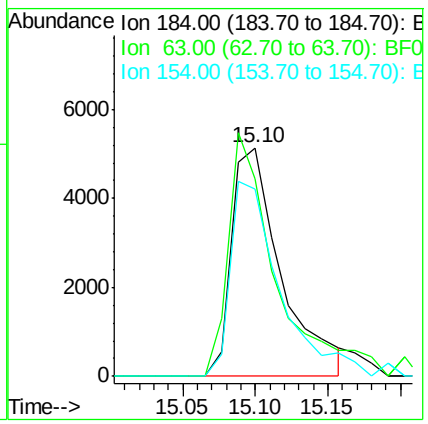





#53
2,4-Dinitrophenol
Concen: 38.08 ng
RT: 15.10 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:184 Resp: 12162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 86.2 | 63.0 | 94.6 |
| 154 | 81.9 | 65.5 | 98.3 |




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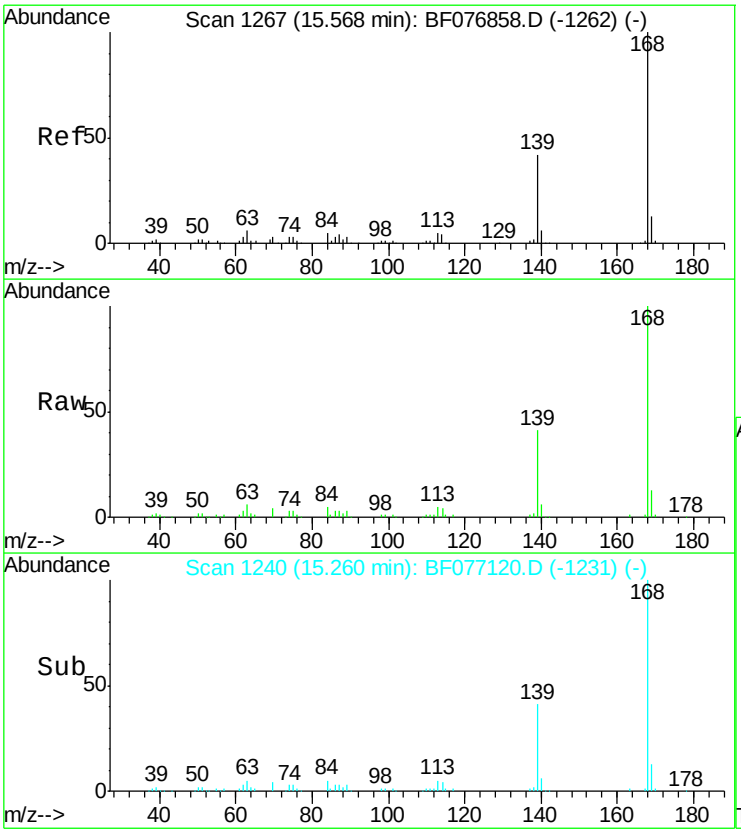
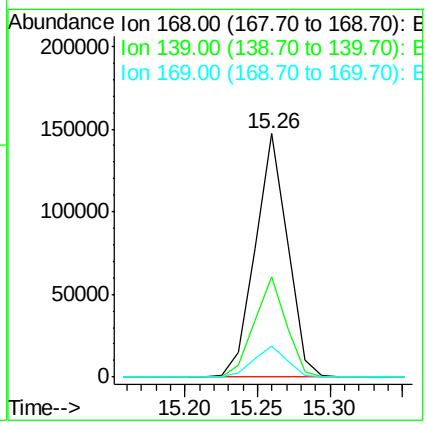
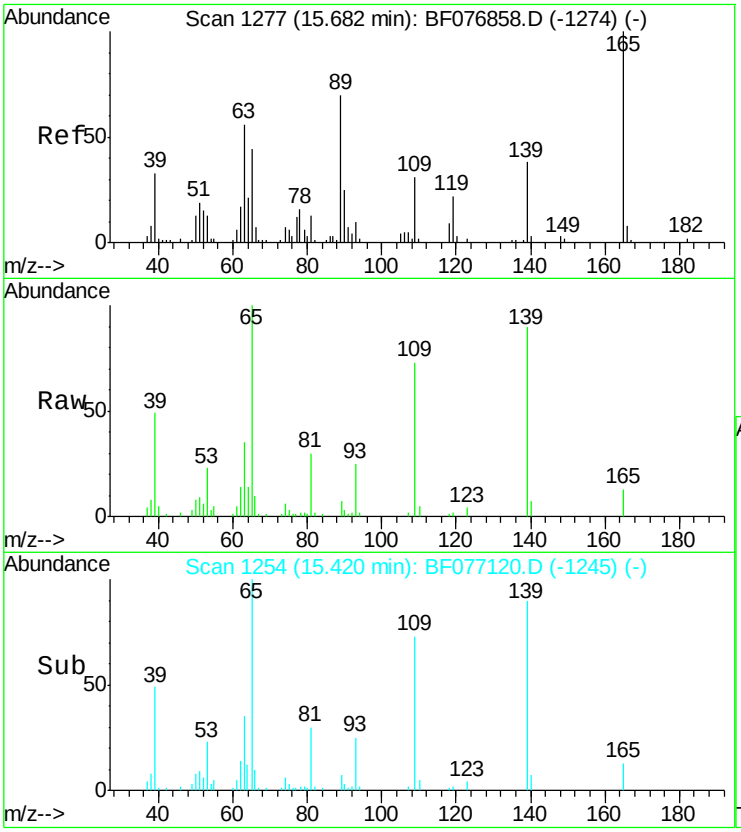



#54
Dibenzofuran
Concen: 45.05 ng
RT: 15.26 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:168 Resp: 227060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 41.0 | 33.4 | 50.2 |
| 169 | 12.6 | 10.6 | 15.8 |

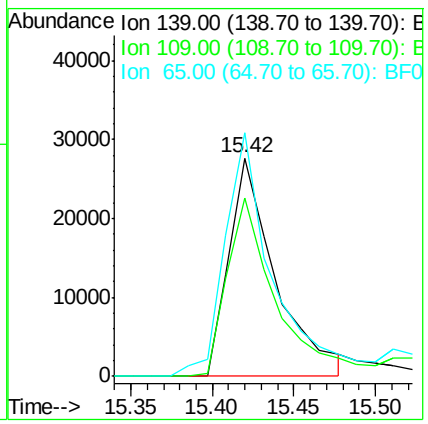





#55
4-Nitrophenol
Concen: 82.82 ng
RT: 15.42 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:139 Resp: 54560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 81.4 | 61.0 | 101.0 |
| 65 | 111.4 | 96.6 | 136.6 |




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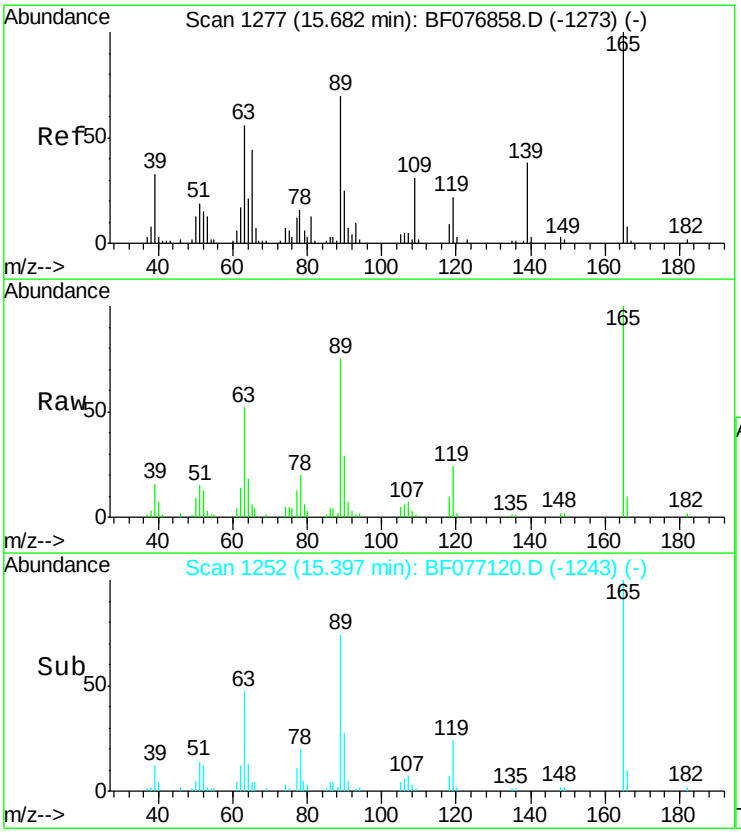
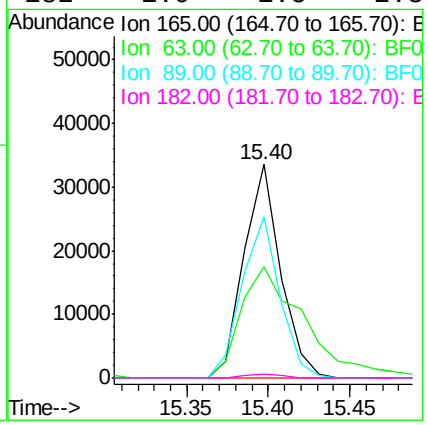
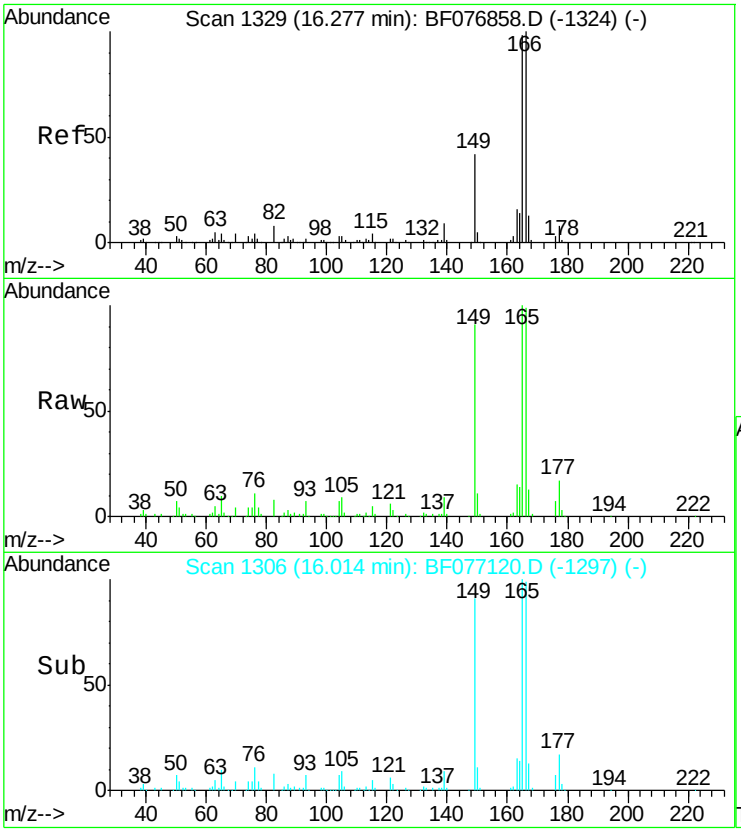



#56
2,4-Dinitrotoluene
Concen: 41.97 ng
RT: 15.40 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:165 Resp: 52479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 52.2 | 44.8 | 67.2 |
| 89 | 75.3 | 56.2 | 84.2 |
| 182 | 1.9 | 1.5 | 2.3 |

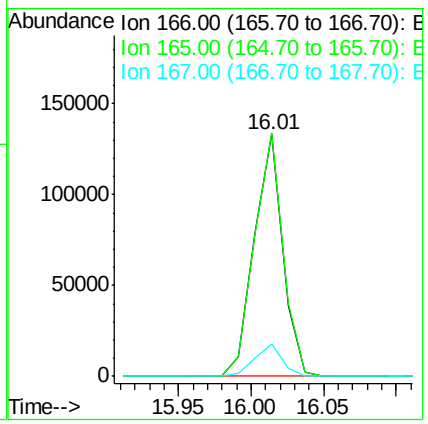





#57
Fluorene
Concen: 42.54 ng
RT: 16.01 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:166 Resp: 181641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.6 | 78.5 | 117.7 |
| 167 | 13.3 | 10.4 | 15.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

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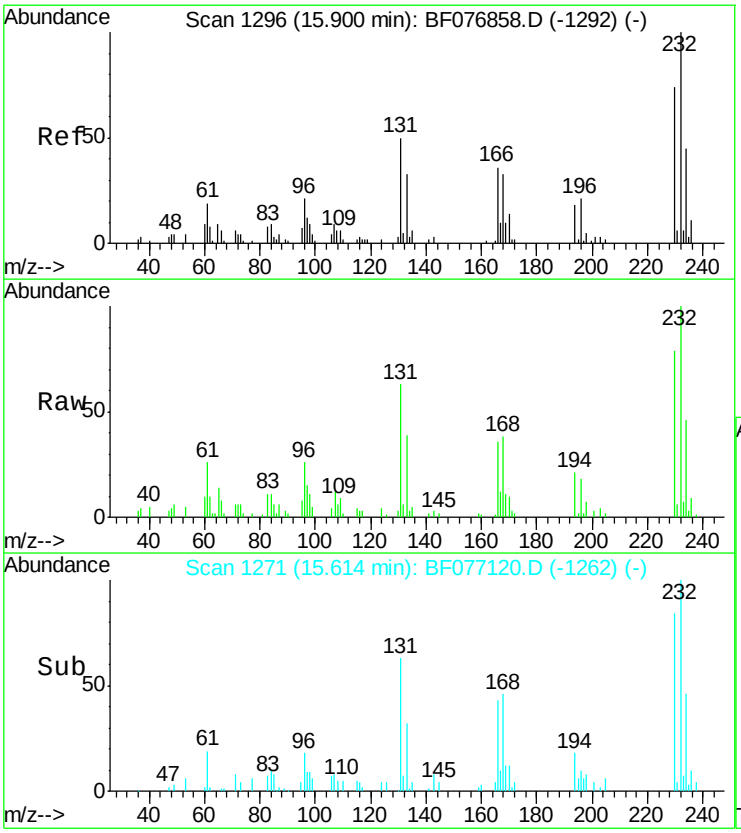
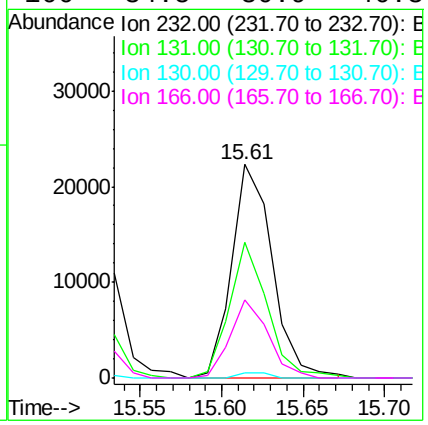
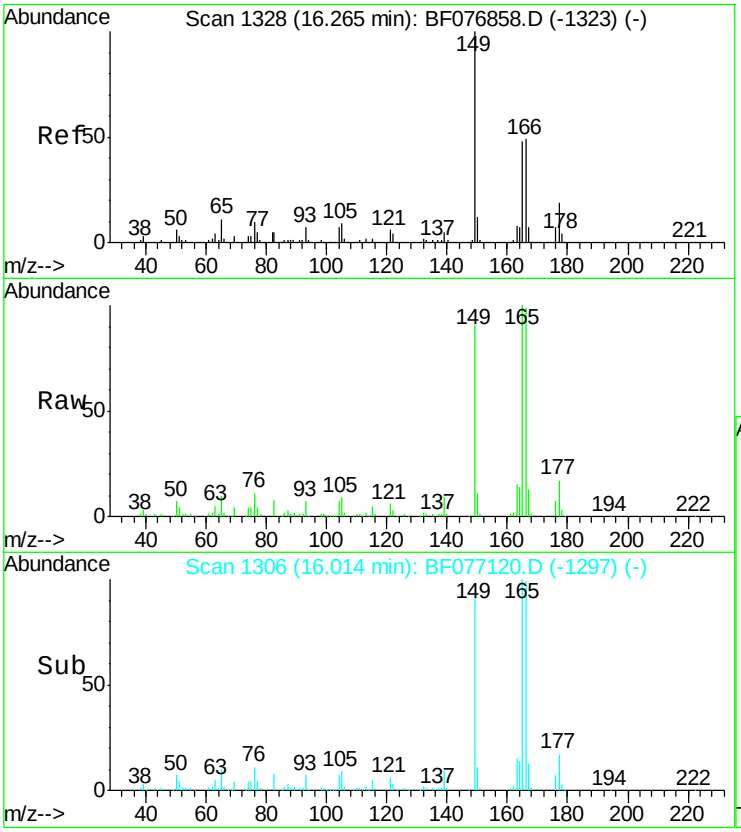



#58
2,3,4,6-Tetrachlorophenol
Concen: 48.52 ng
RT: 15.61 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:232 Resp: 38464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 59.7 | 45.0 | 67.6 |
| 130 | 2.0 | 2.6 | 3.8# |
| 166 | 34.5 | 30.9 | 46.3 |

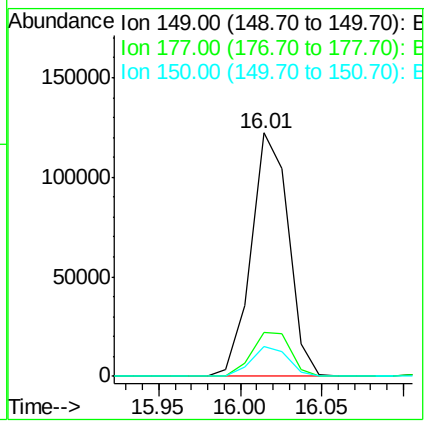





#59
Diethylphthalate
Concen: 45.68 ng
RT: 16.01 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:149 Resp: 194043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 18.1 | 15.0 | 22.6 |
| 150 | 12.1 | 9.4 | 14.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

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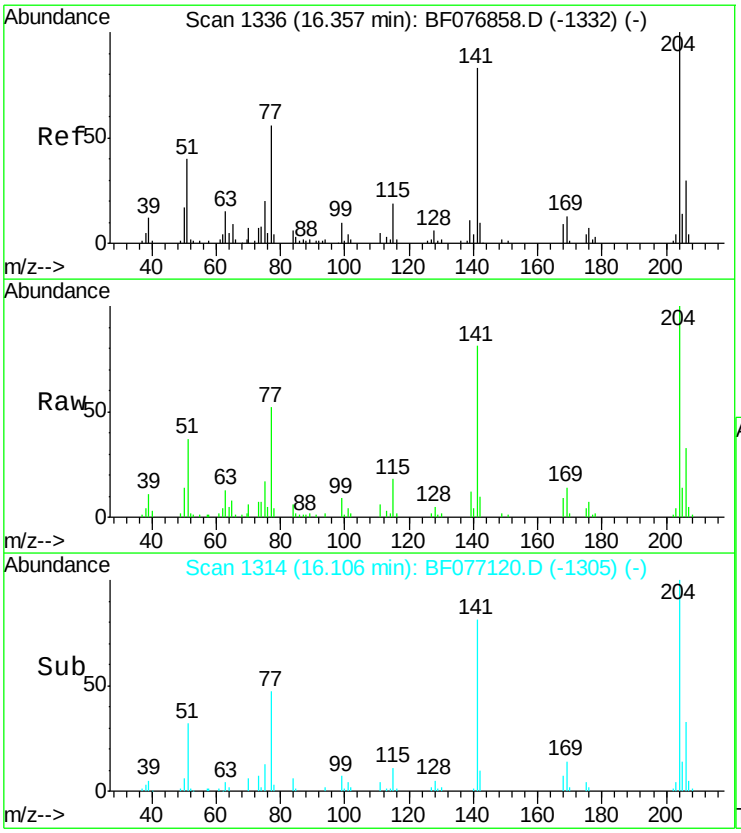
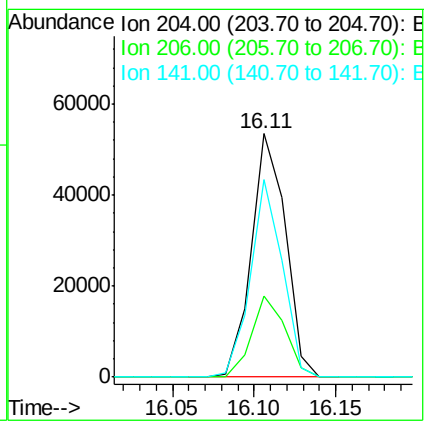
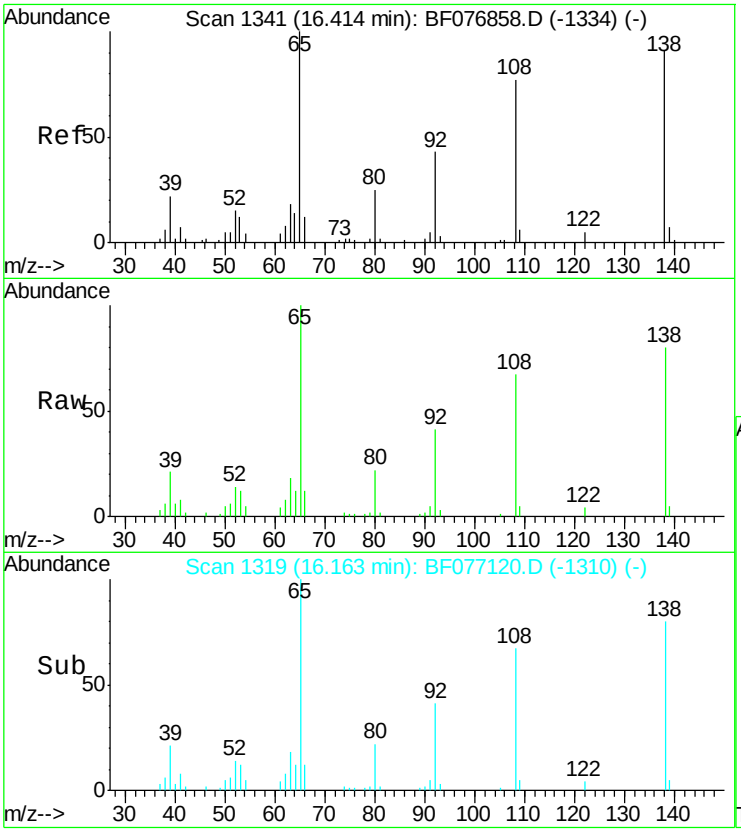



#60
4-Chlorophenyl-phenylether
Concen: 44.37 ng
RT: 16.11 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:204 Resp: 77520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.0 | 24.2 | 36.2 |
| 141 | 81.3 | 66.7 | 100.1 |

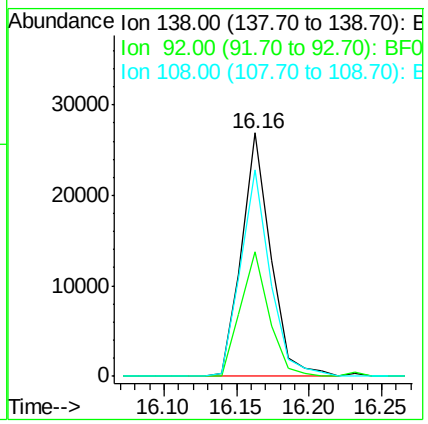





#61
4-Nitroaniline
Concen: 35.83 ng
RT: 16.16 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:138 Resp: 37535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 51.4 | 26.7 | 66.7 |
| 108 | 84.7 | 64.5 | 104.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

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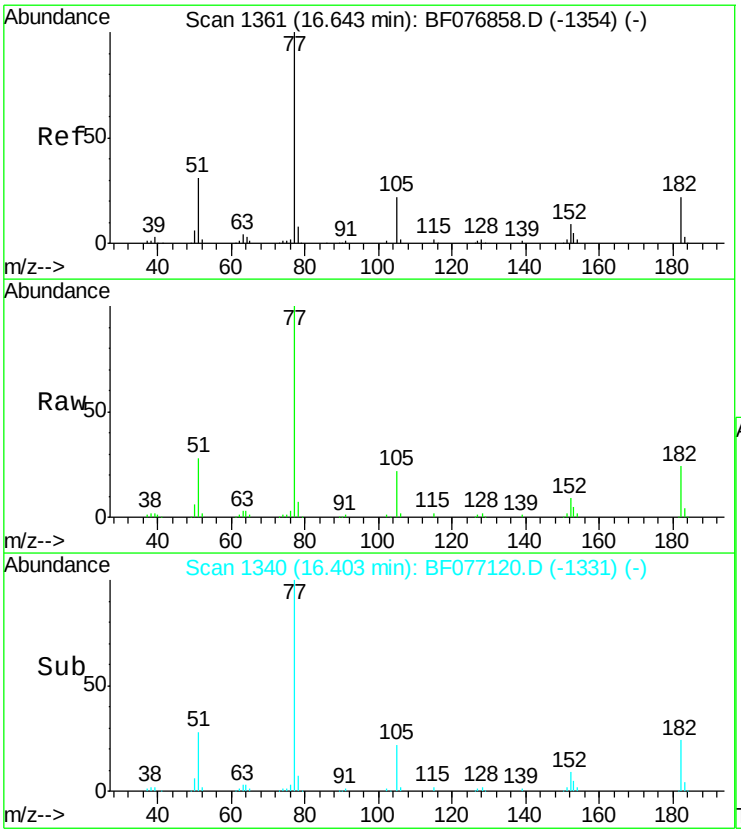
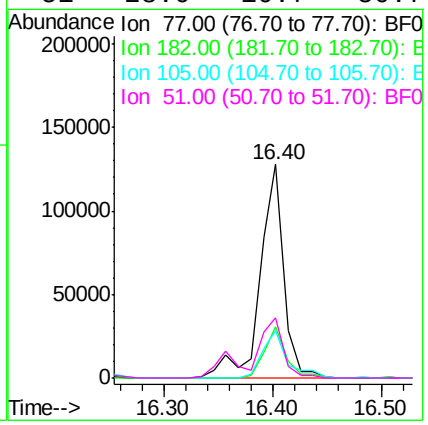
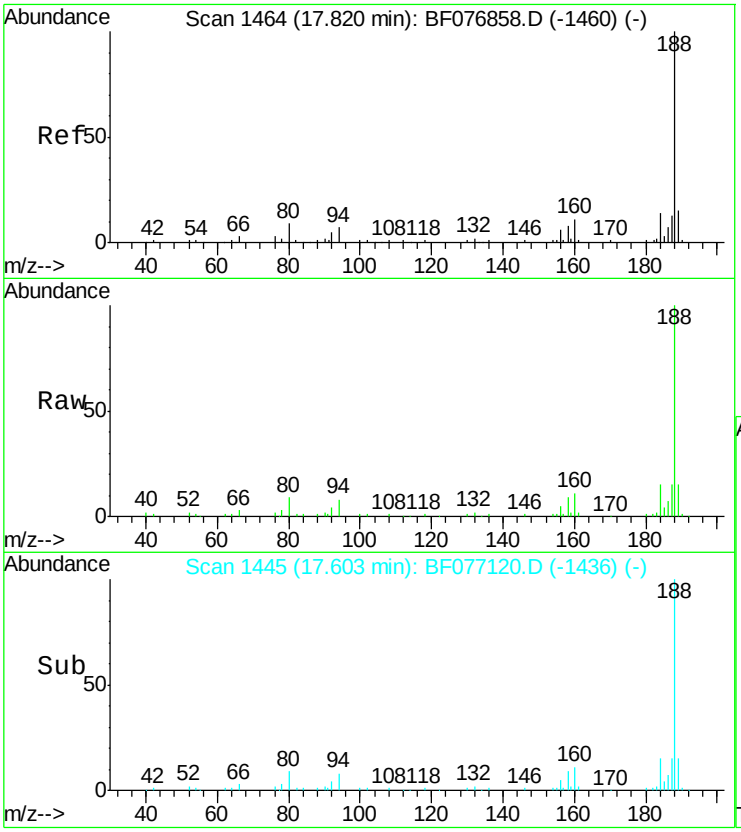



#62
Azobenzene
Concen: 44.27 ng
RT: 16.40 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion: 77 Resp: 195923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 24.0 | 2.0 | 42.0 |
| 105 | 22.1 | 2.3 | 42.3 |
| 51 | 28.0 | 10.7 | 50.7 |






#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.60 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:188 Resp: 108932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.8 | 6.0 | 9.0 |
| 80 | 8.7 | 6.9 | 10.3 |

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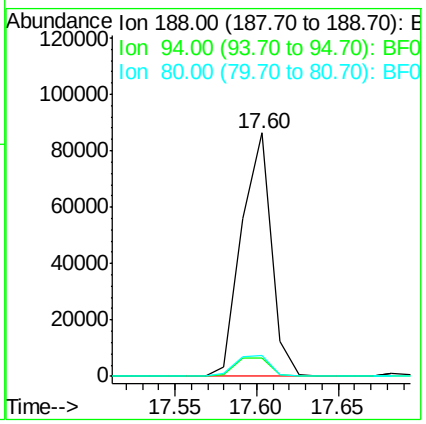
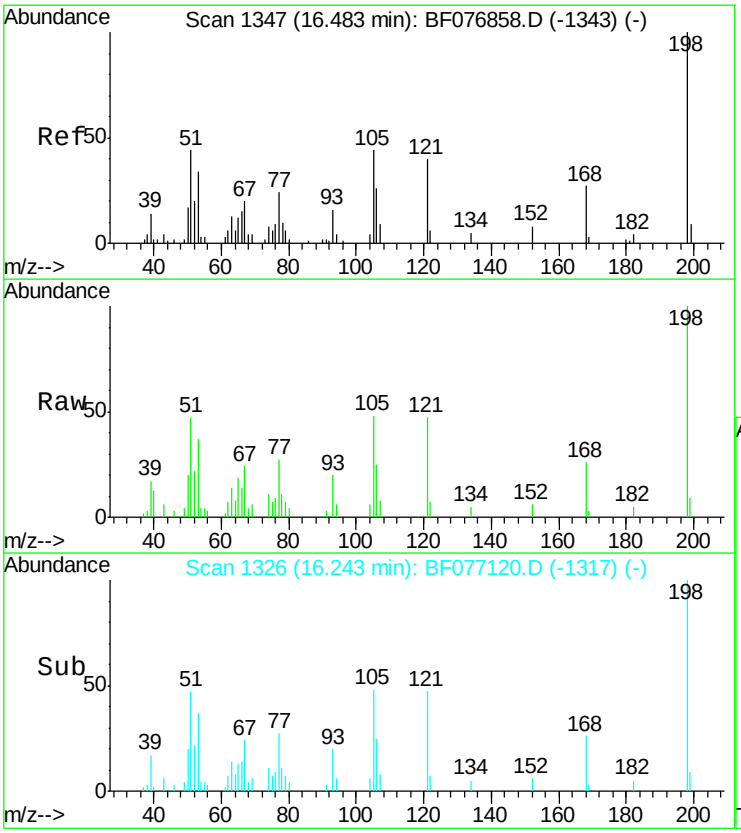
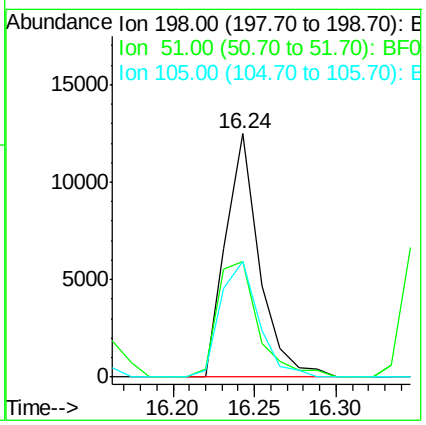


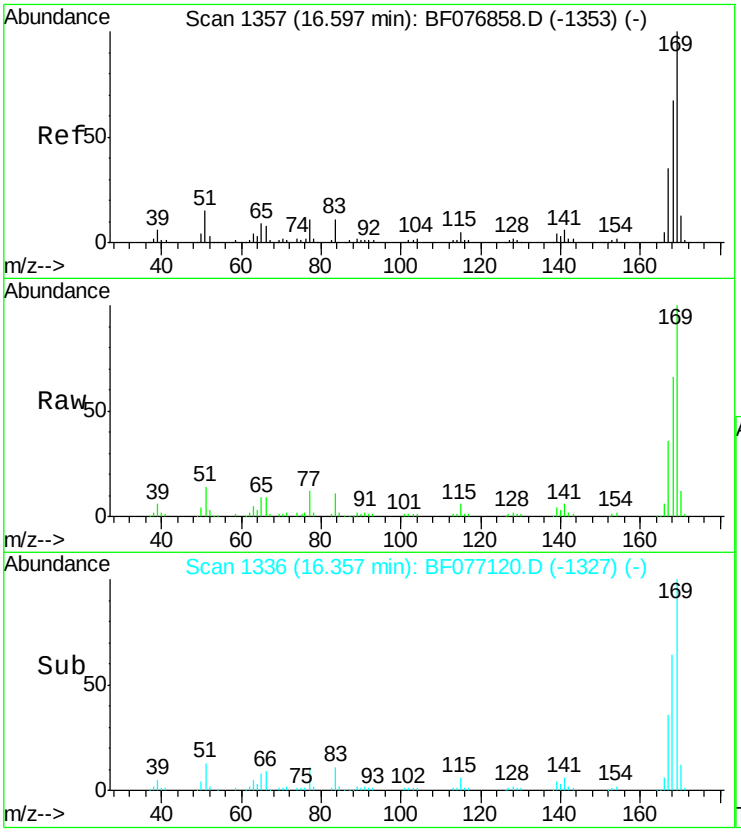




#64
4,6-Dinitro-2-methylphenol
Concen: 27.16 ng
RT: 16.24 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:198 Resp: 17932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 47.4 | 24.2 | 64.2 |
| 105 | 47.6 | 24.0 | 64.0 |






#65
n-Nitrosodiphenylamine
Concen: 39.42 ng
RT: 16.36 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:169 Resp: 153131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.6 | 53.8 | 80.6 |
| 167 | 36.5 | 27.8 | 41.6 |

**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

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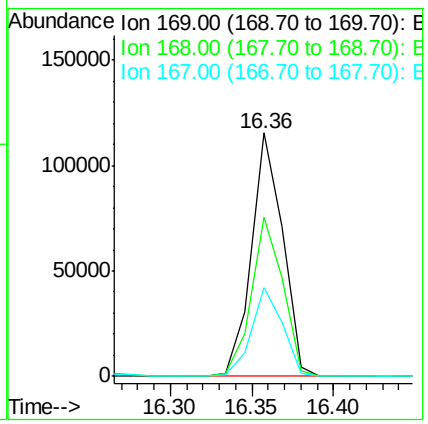
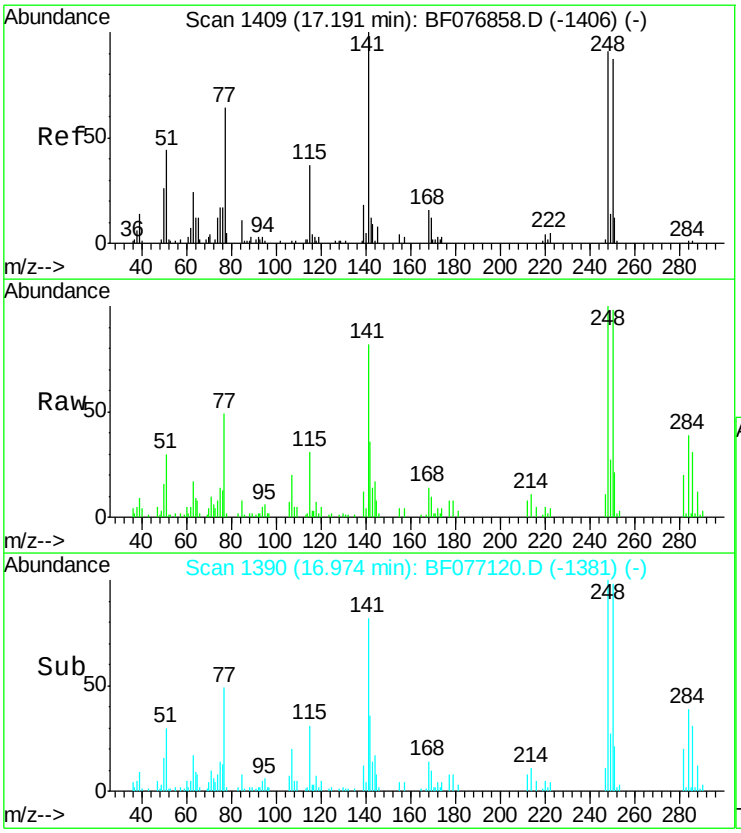
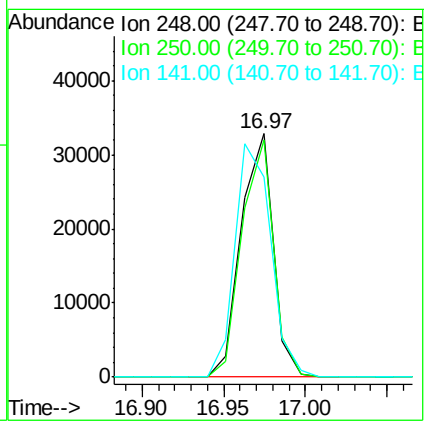


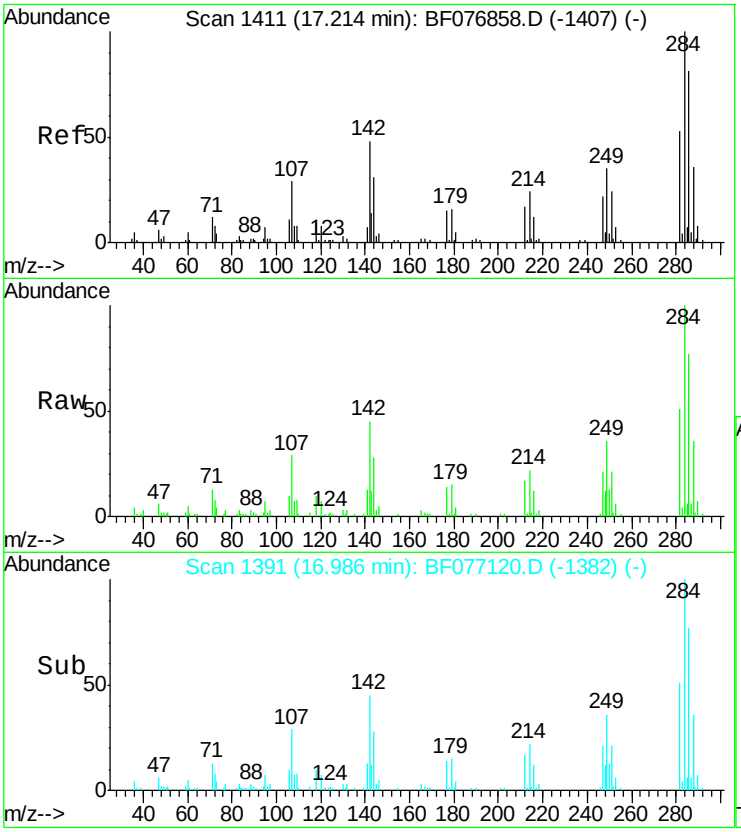




#66
4-Bromophenyl-phenylether
Concen: 40.41 ng
RT: 16.97 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:248 Resp: 44592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.6 | 77.1 | 115.7 |
| 141 | 82.2 | 88.2 | 132.4# |

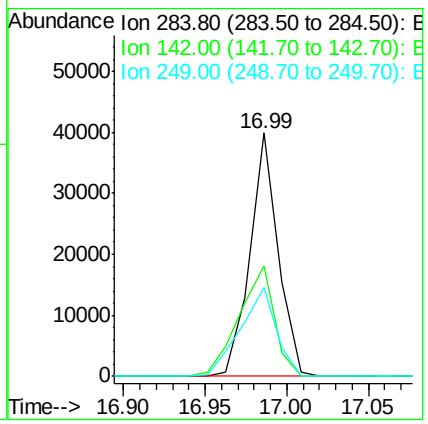





#67
Hexachlorobenzene
Concen: 40.99 ng
RT: 16.99 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:284 Resp: 47666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 45.5 | 38.2 | 57.4 |
| 249 | 36.2 | 28.2 | 42.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

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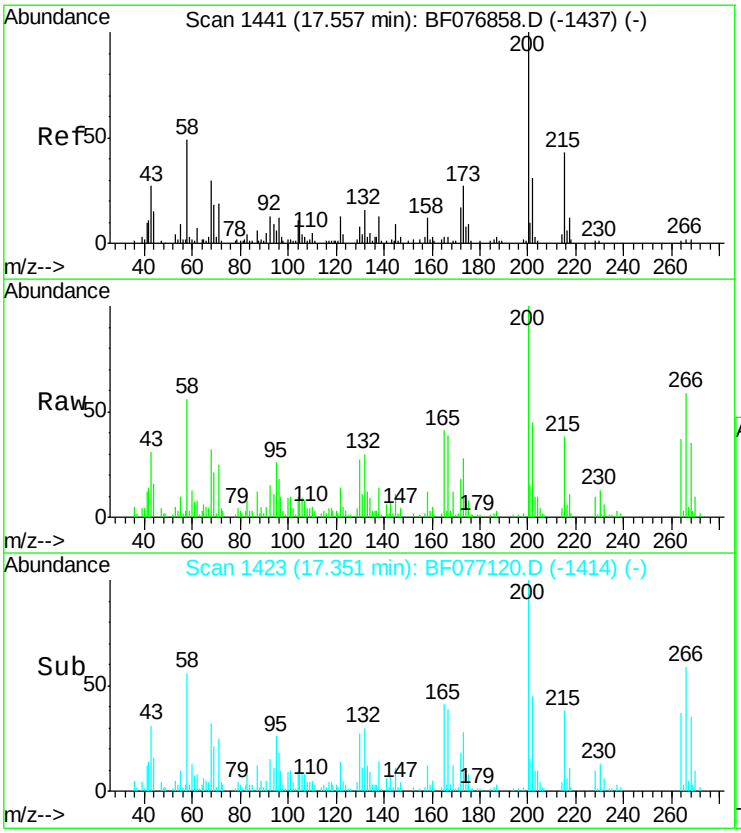
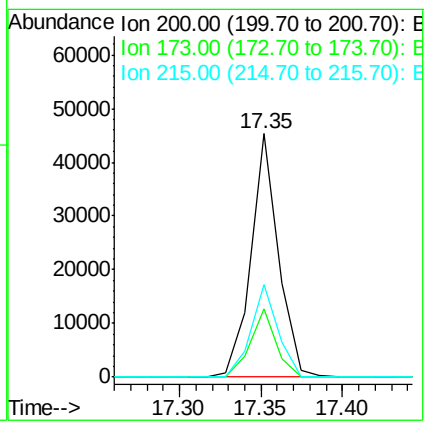
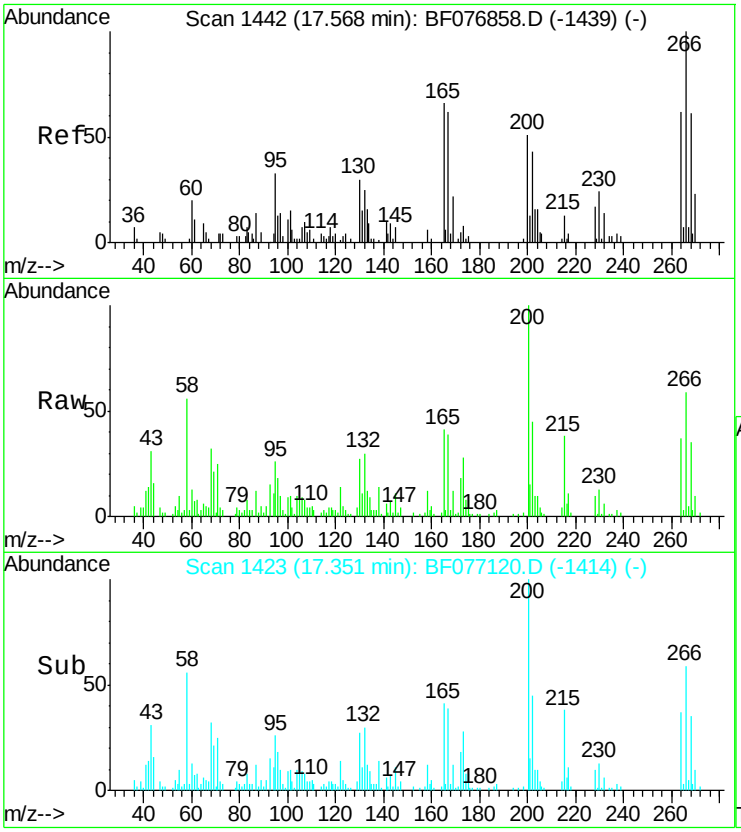



#68
Atrazine
Concen: 44.83 ng
RT: 17.35 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:200 Resp: 52843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.8 | 6.6 | 46.6 |
| 215 | 38.1 | 22.9 | 62.9 |

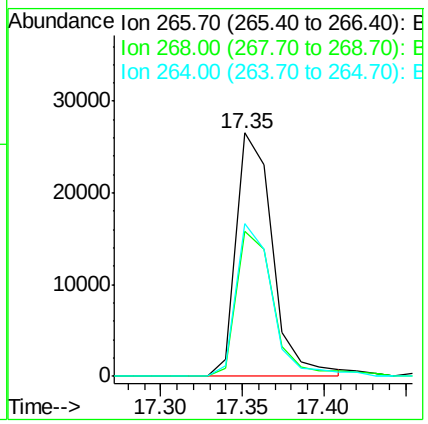





#69
Pentachlorophenol
Concen: 77.06 ng
RT: 17.35 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:266 Resp: 40963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 59.6 | 48.6 | 72.8 |
| 264 | 62.7 | 49.5 | 74.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

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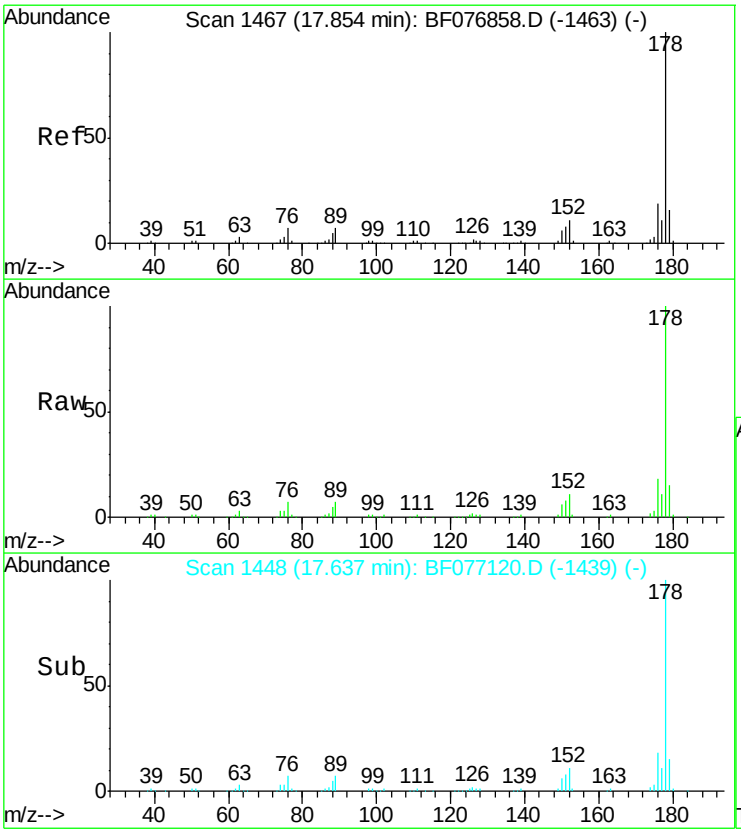
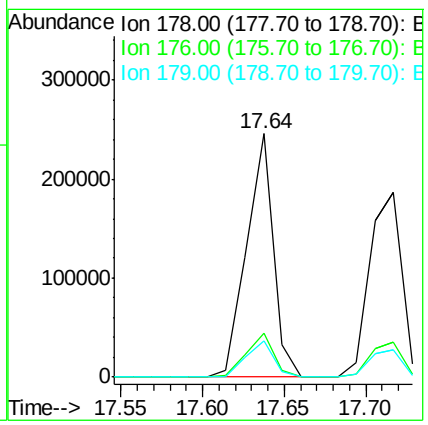
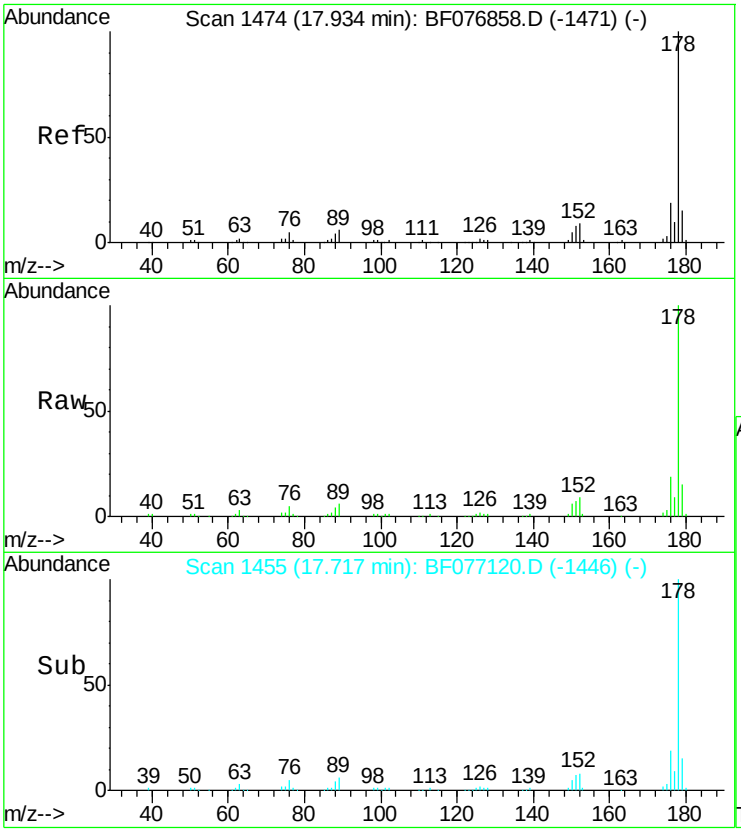



#70
Phenanthrene
Concen: 41.18 ng
RT: 17.64 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:178 Resp: 279720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.3 | 15.1 | 22.7 |
| 179 | 14.8 | 12.7 | 19.1 |

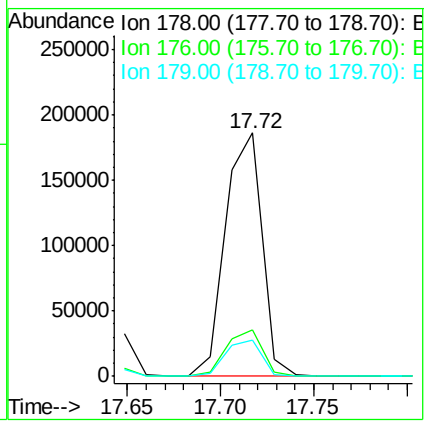





#71
Anthracene
Concen: 38.70 ng
RT: 17.72 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:178 Resp: 256372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 15.4 | 23.0 |
| 179 | 14.9 | 11.9 | 17.9 |




**Instrument :**
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**ClientSampleId :**
SB-84(17-19)MS

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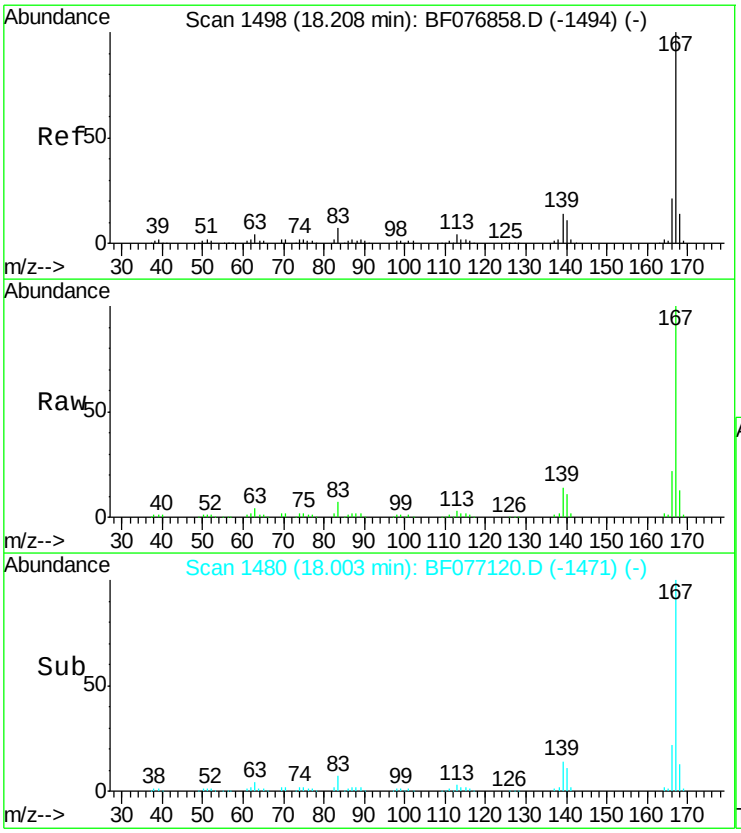
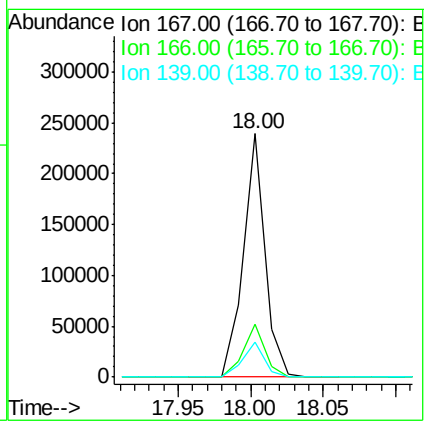
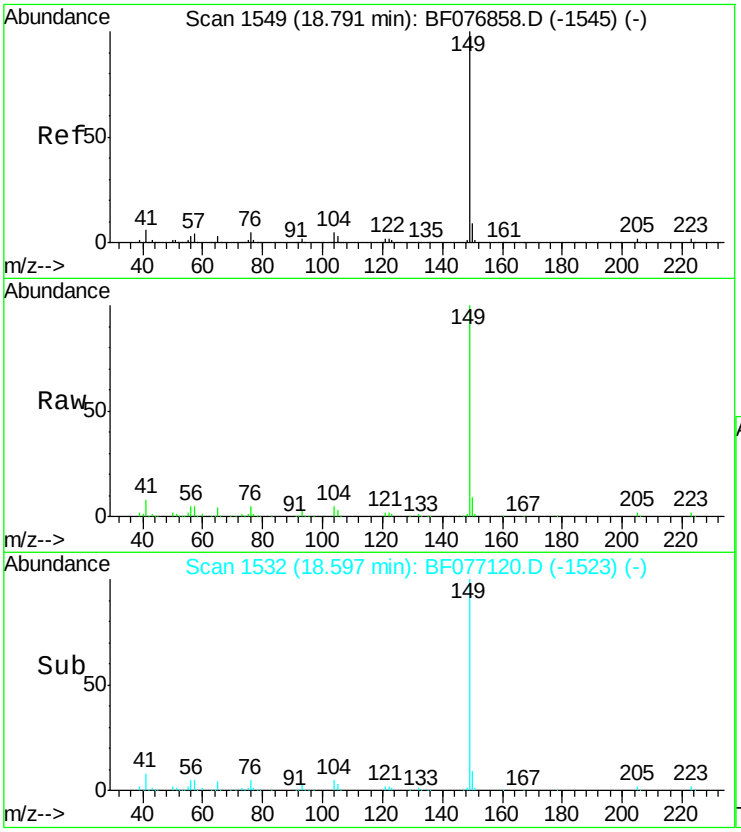



#72
Carbazole
Concen: 38.83 ng
RT: 18.00 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:167 Resp: 249457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.7 | 17.0 | 25.6 |
| 139 | 14.3 | 11.3 | 16.9 |

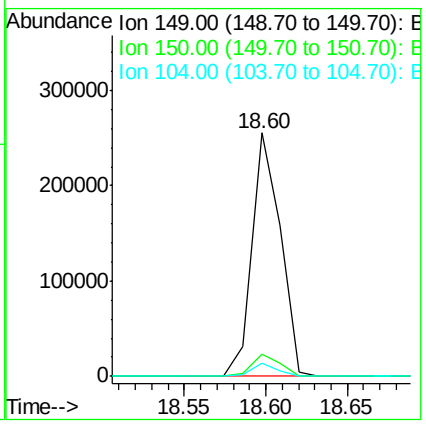





#73
Di-n-butylphthalate
Concen: 41.52 ng
RT: 18.60 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:149 Resp: 308810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.0 | 6.9 | 10.3 |
| 104 | 5.2 | 3.7 | 5.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

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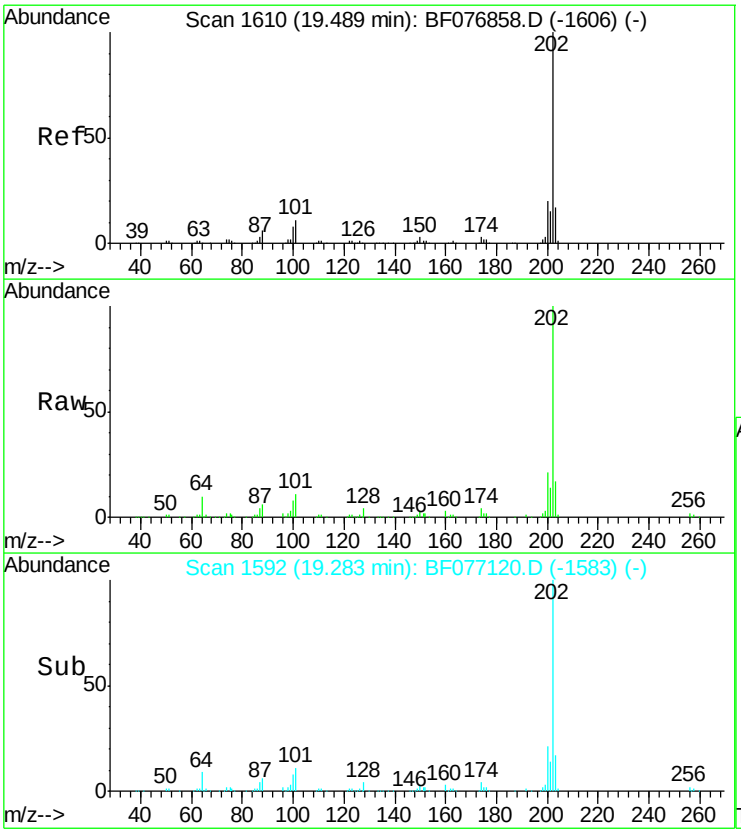
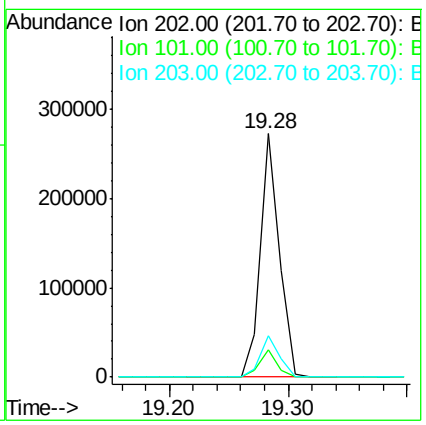
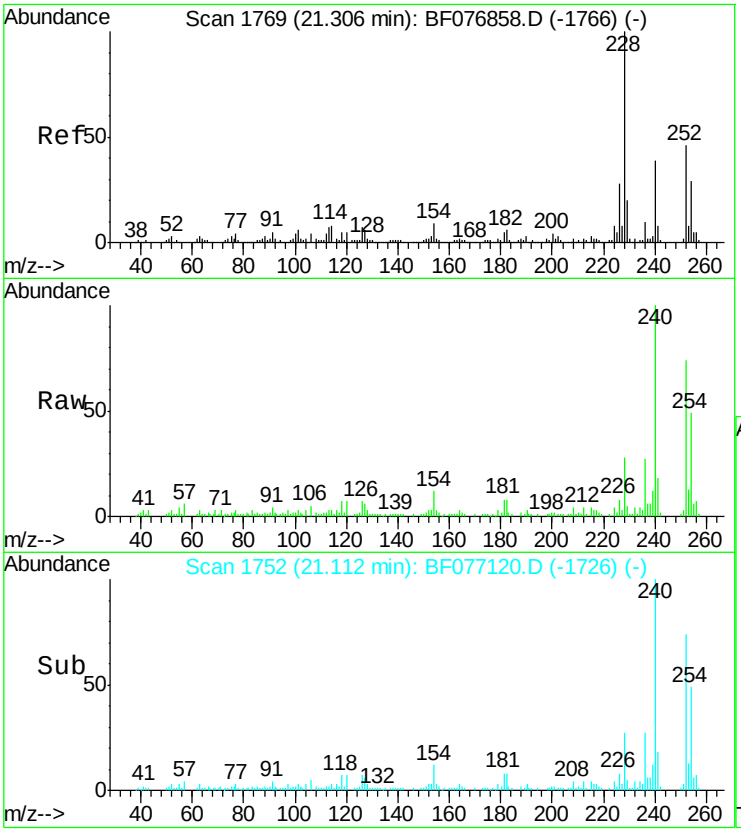



#74
Fluoranthene
Concen: 43.89 ng
RT: 19.28 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:202 Resp: 305509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.4 | 0.0 | 30.7 |
| 203 | 16.9 | 0.0 | 36.9 |

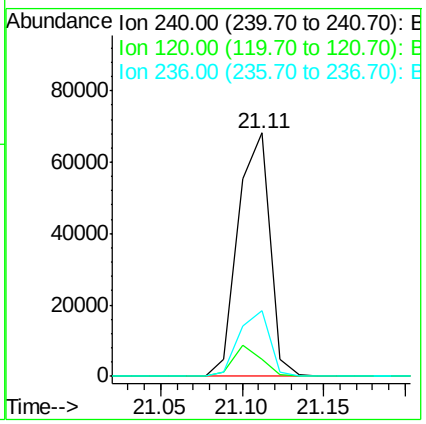





#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.11 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:240 Resp: 91621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.0 | 10.4 | 15.6# |
| 236 | 26.8 | 20.2 | 30.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

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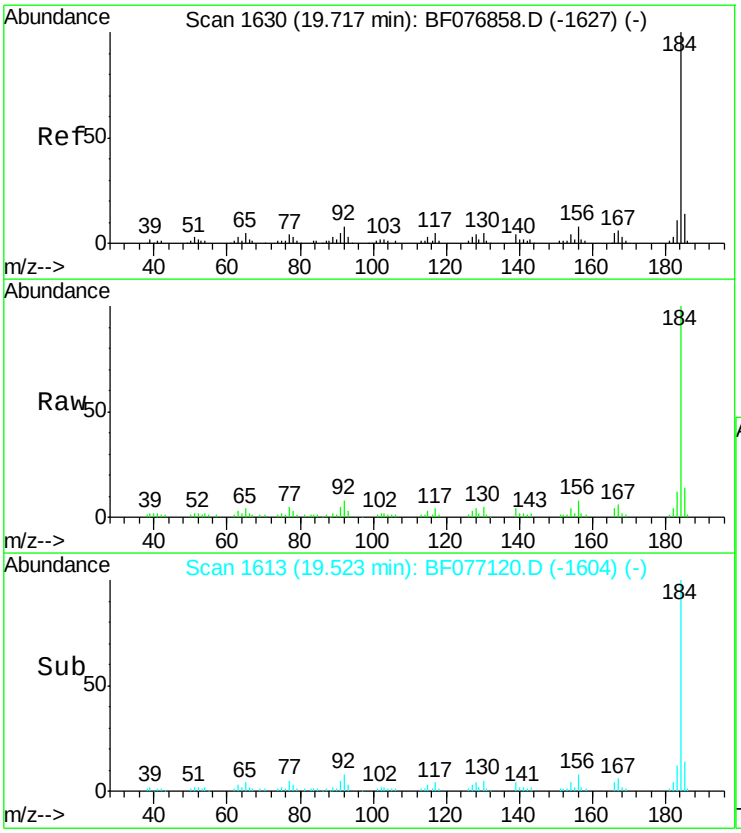
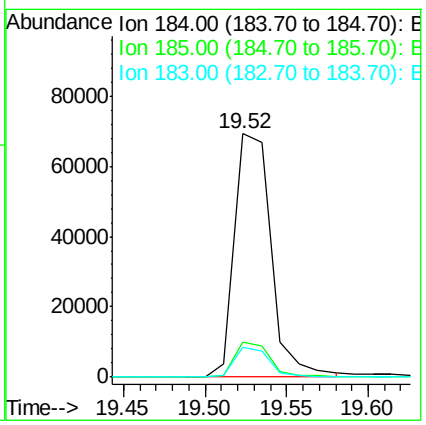
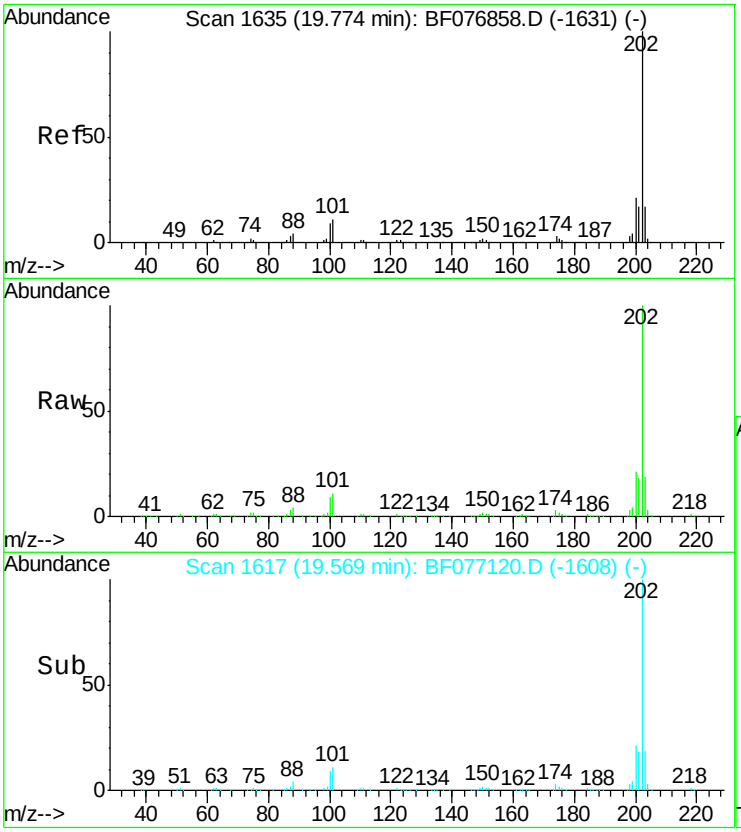



#76
Benzidine
Concen: 36.63 ng
RT: 19.52 min Scan# 1613
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:184 Resp: 107394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.2 | 11.4 | 17.2 |
| 183 | 12.1 | 9.0 | 13.6 |






#77
Pyrene
Concen: 49.13 ng
RT: 19.57 min Scan# 1617
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:202 Resp: 308478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.4 | 16.7 | 25.1 |
| 203 | 18.5 | 14.0 | 21.0 |

**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

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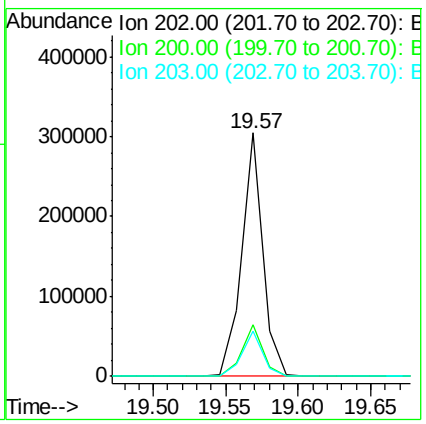
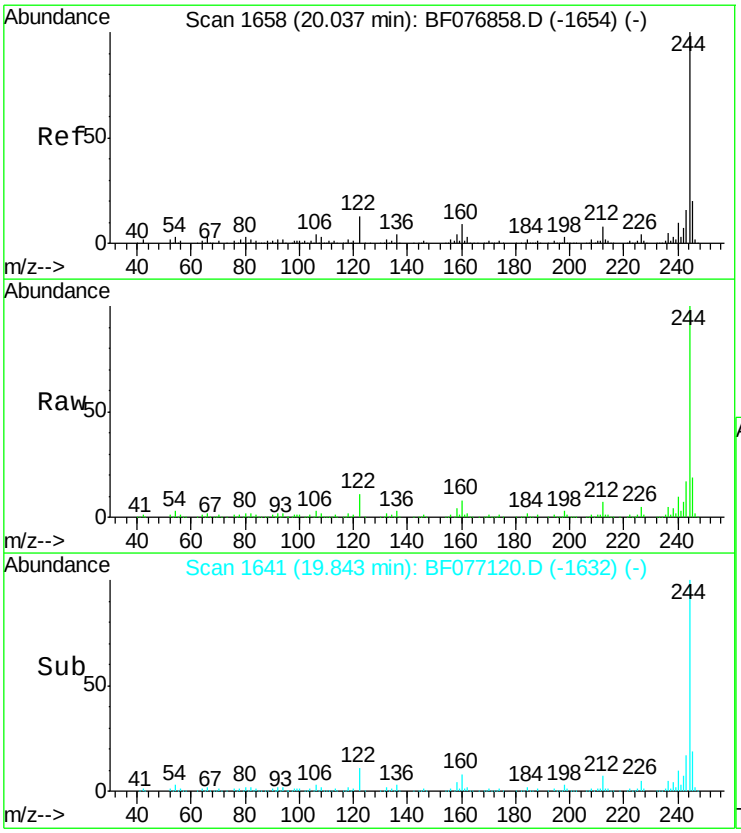
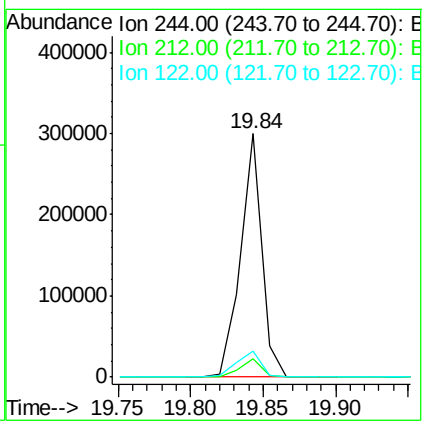


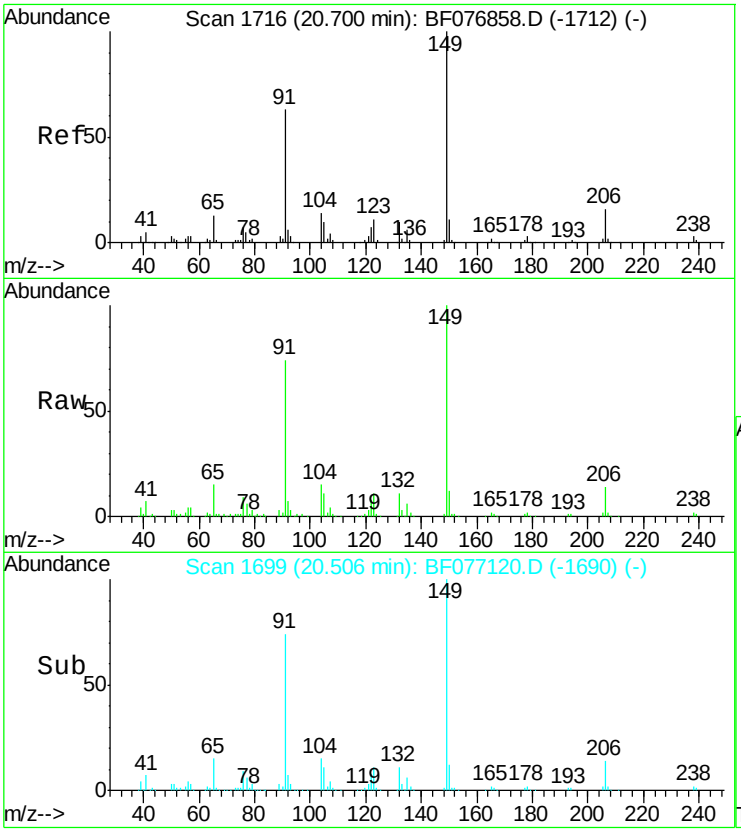




#78
Terphenyl-d14
Concen: 76.64 ng
RT: 19.84 min Scan# 1641
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:244 Resp: 305014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.5 | 6.3 | 9.5 |
| 122 | 10.5 | 10.1 | 15.1 |

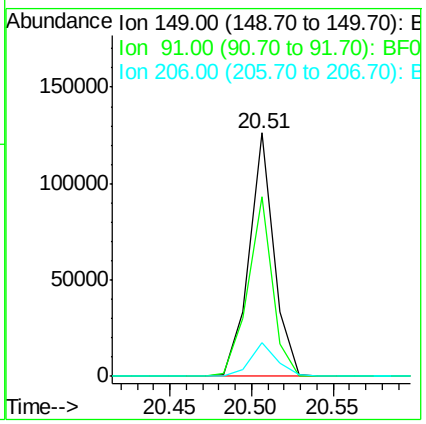





#79
Butylbenzylphthalate
Concen: 46.98 ng
RT: 20.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:149 Resp: 133609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 74.0 | 50.6 | 76.0 |
| 206 | 14.0 | 12.8 | 19.2 |




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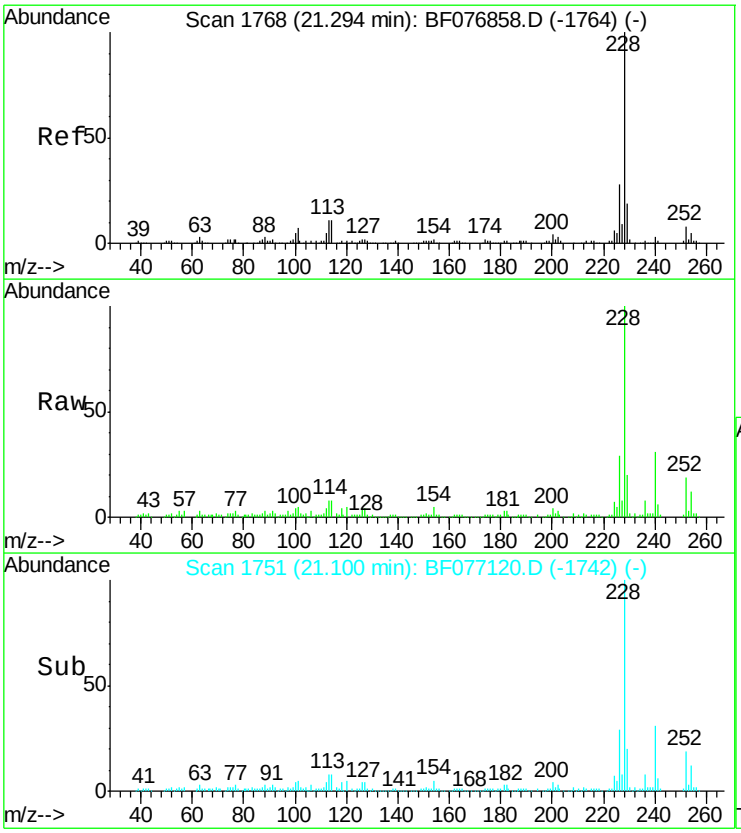
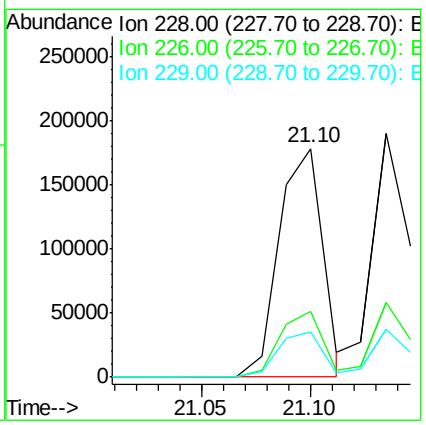
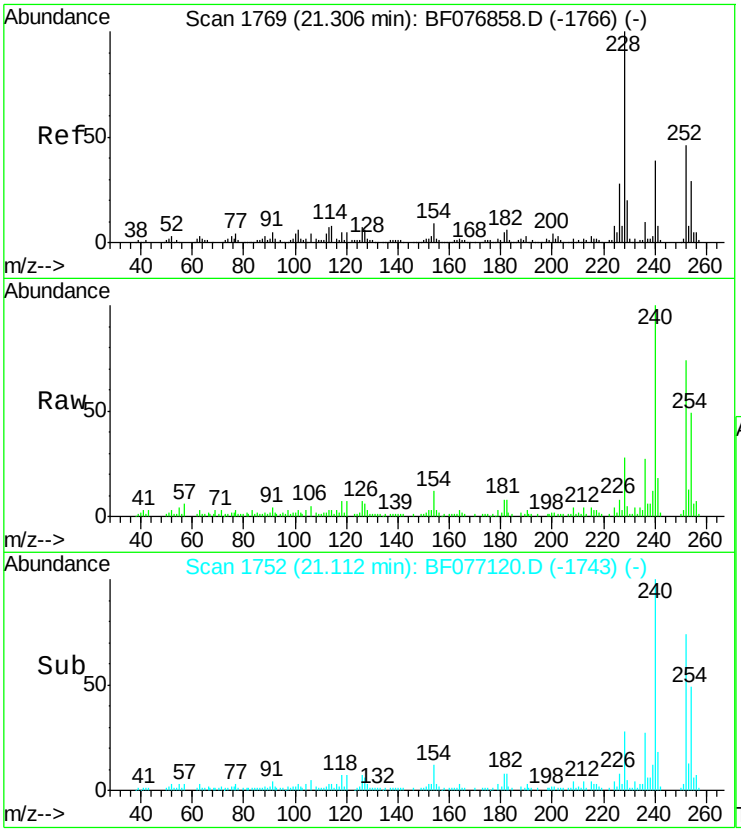



#80
Benzo(a)anthracene
Concen: 43.47 ng
RT: 21.10 min Scan# 1751
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:228 Resp: 249885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.5 | 22.1 | 33.1 |
| 229 | 19.6 | 15.5 | 23.3 |






#81
3,3'-Dichlorobenzidine
Concen: 34.36 ng
RT: 21.11 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:252 Resp: 62770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.4 | 50.2 | 75.4 |
| 126 | 9.5 | 11.5 | 17.3# |

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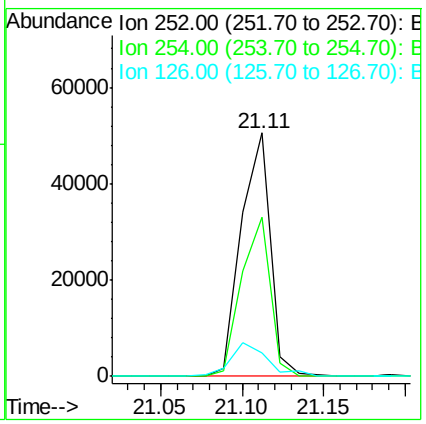
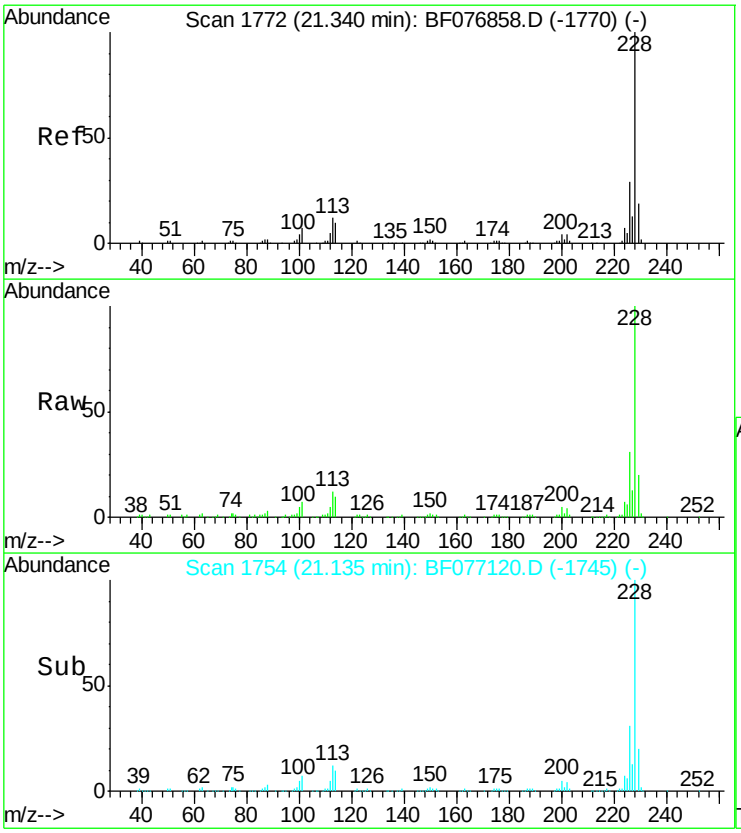
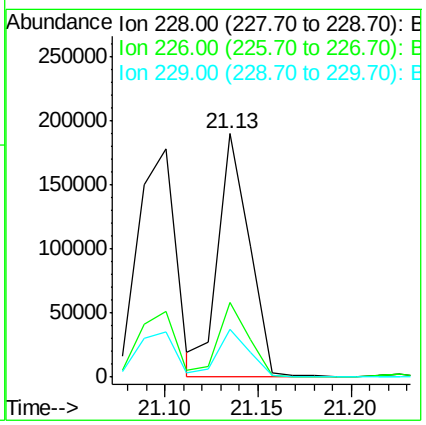


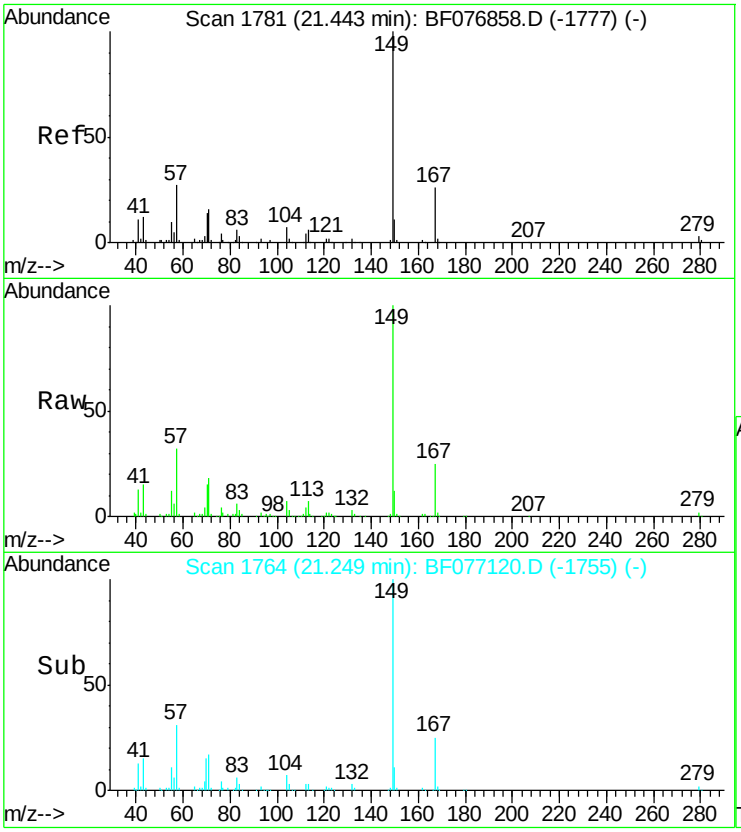




#82
Chrysene
Concen: 42.30 ng
RT: 21.13 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:228 Resp: 221722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.7 | 23.4 | 35.0 |
| 229 | 19.8 | 15.4 | 23.0 |






#83
Bis(2-ethylhexyl)phthalate
Concen: 47.20 ng
RT: 21.25 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:149 Resp: 185705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 24.6 | 20.6 | 30.8 |
| 279 | 2.2 | 2.2 | 3.2 |

**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

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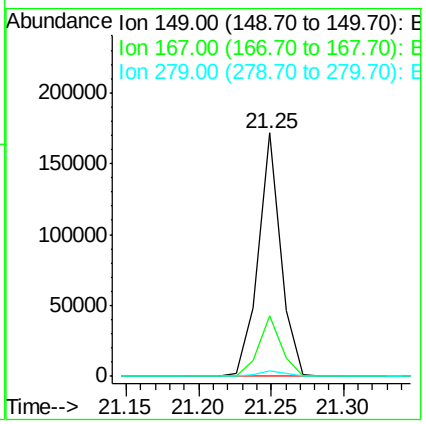
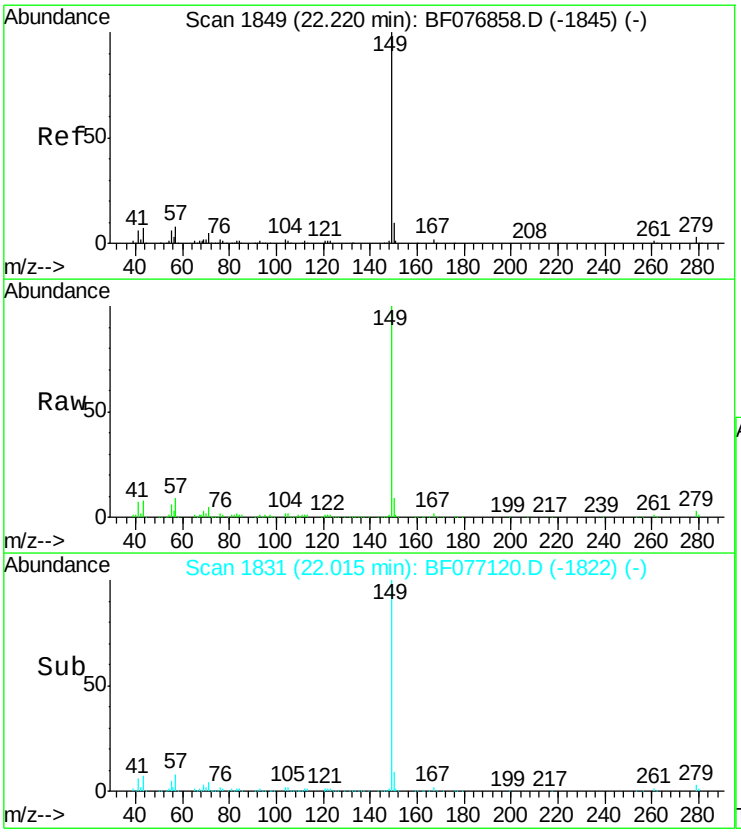
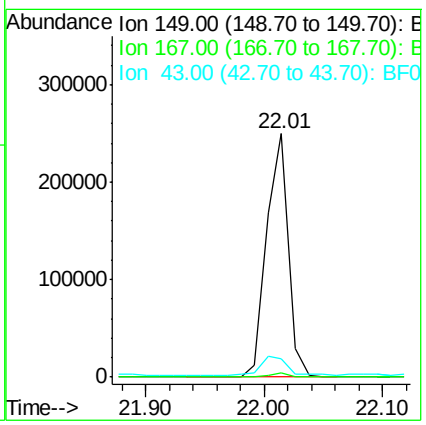


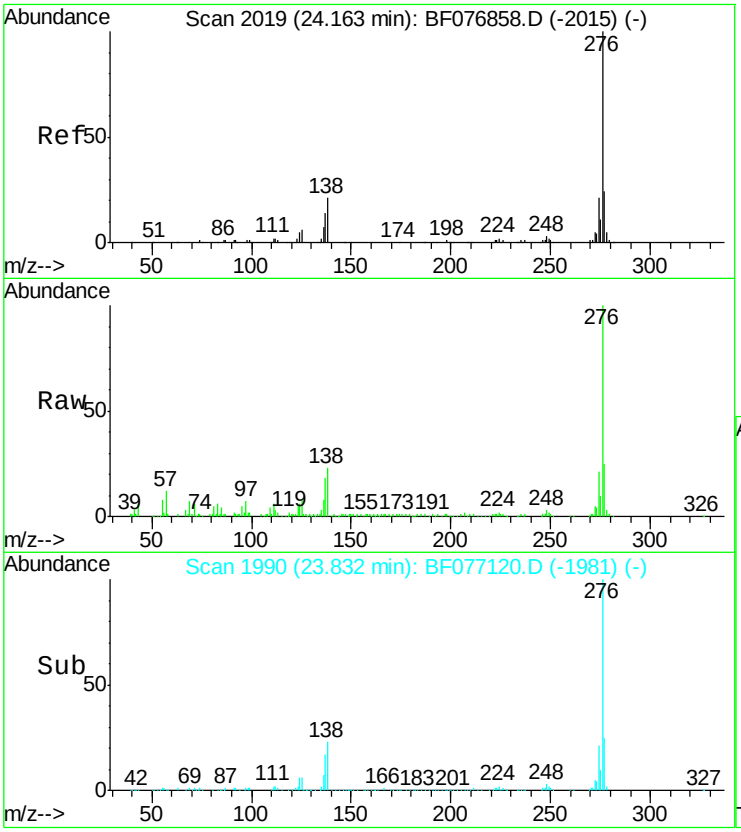




#84
Di-n-octyl phthalate
Concen: 46.22 ng
RT: 22.01 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:149 Resp: 315633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.8 | 1.1 | 1.7# |
| 43 | 9.5 | 6.6 | 10.0 |






#85
Indeno(1,2,3-cd)pyrene
Concen: 38.21 ng
RT: 23.83 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:276 Resp: 212280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 25.9 | 14.6 | 22.0# |
| 277 | 26.3 | 14.8 | 22.2# |

**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

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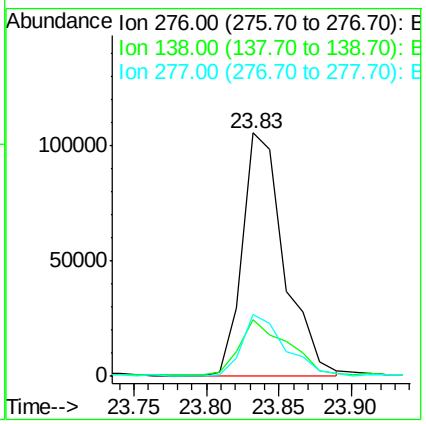
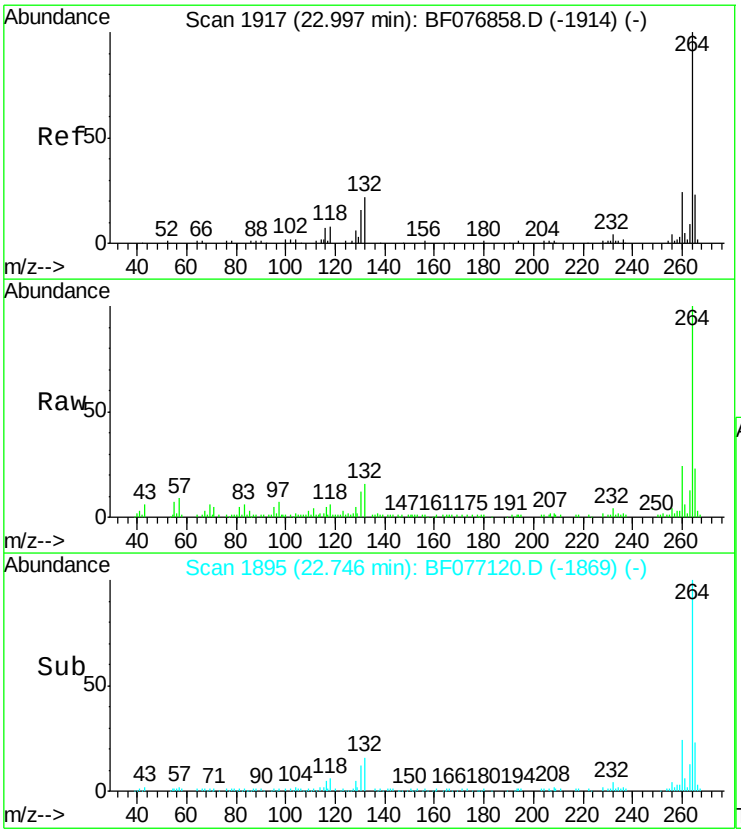
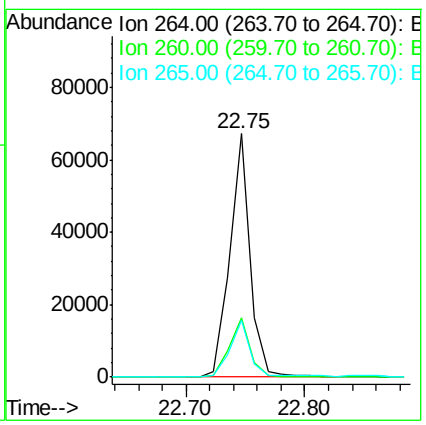


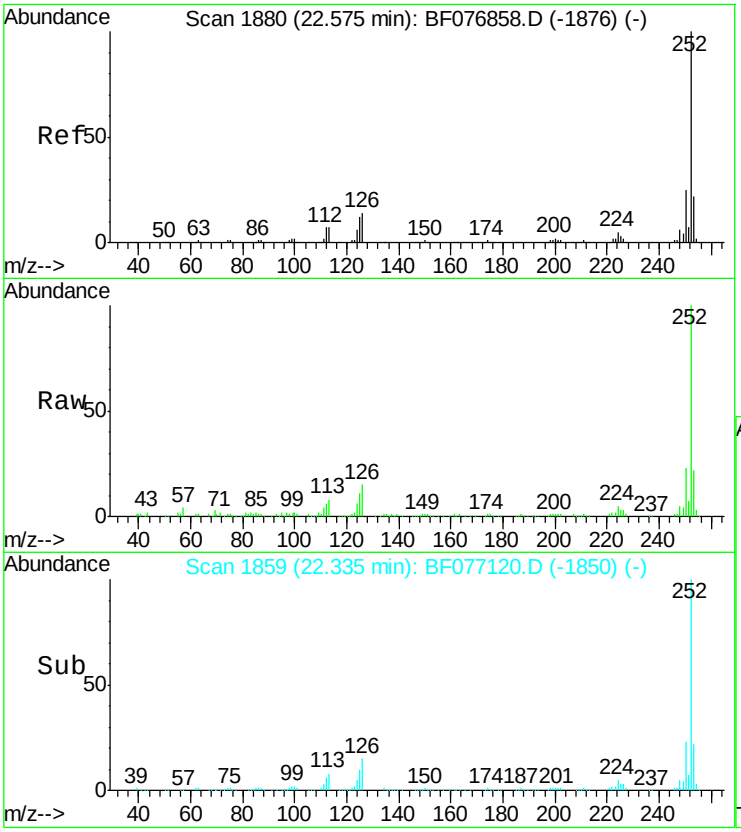




#86
Perylene-d12
Concen: 20.00 ng
RT: 22.75 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:264 Resp: 79119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.3 | 19.0 | 28.4 |
| 265 | 23.1 | 18.1 | 27.1 |

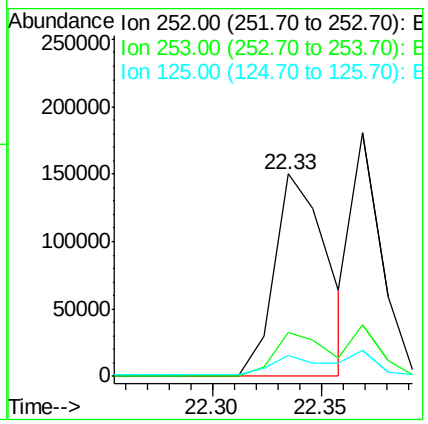





#87
Benzo(b)fluoranthene
Concen: 47.48 ng
RT: 22.33 min Scan# 1859
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:252 Resp: 252987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.5 | 26.3 |
| 125 | 10.5 | 9.4 | 14.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

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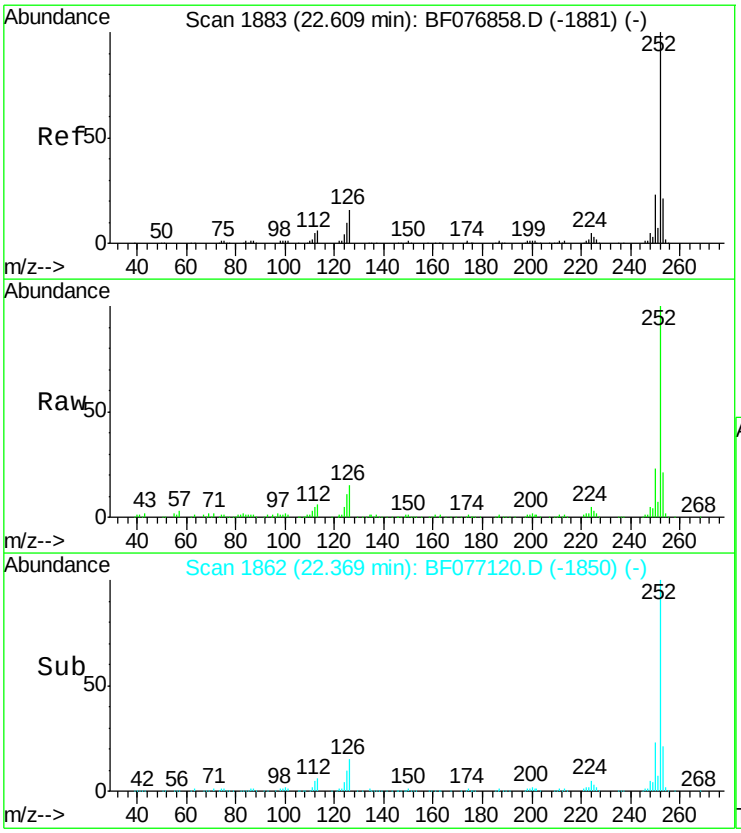
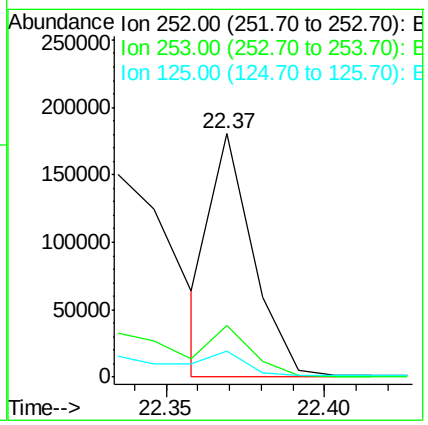
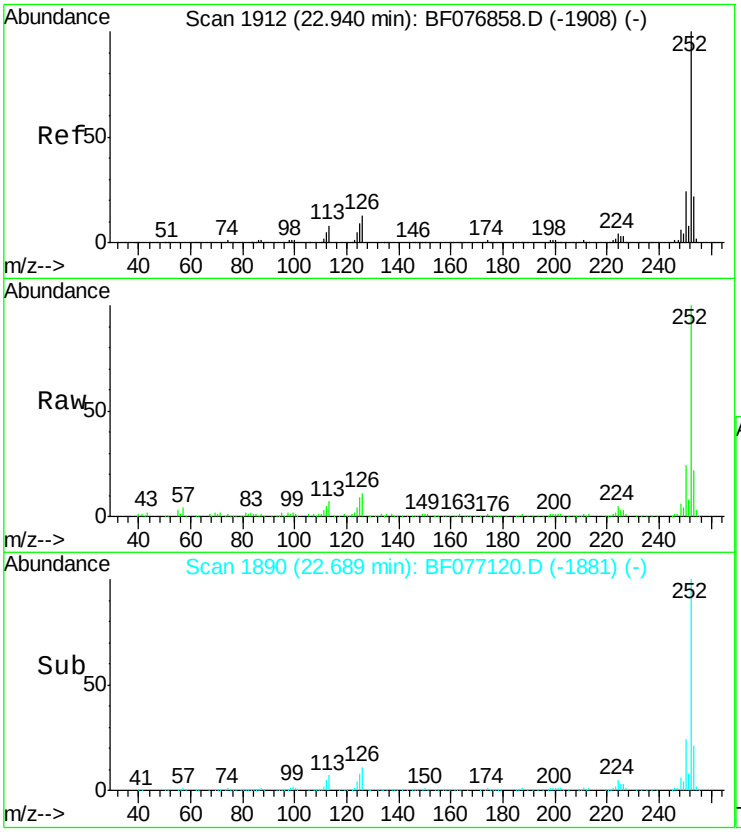



#88
Benzo(k)fluoranthene
Concen: 36.22 ng m
RT: 22.37 min Scan# 1862
Delta R.T. 0.03 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:252 Resp: 168605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.4 | 17.2 | 25.8 |
| 125 | 10.5 | 7.1 | 10.7 |

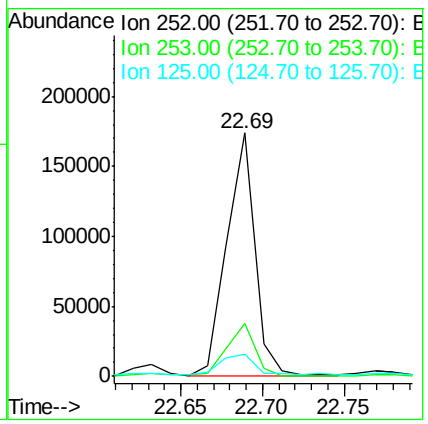





#89
Benzo(a)pyrene
Concen: 43.86 ng
RT: 22.69 min Scan# 1890
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:252 Resp: 206179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.9 | 26.9 |
| 125 | 9.3 | 7.2 | 10.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

**Manual Integrations APPROVED**
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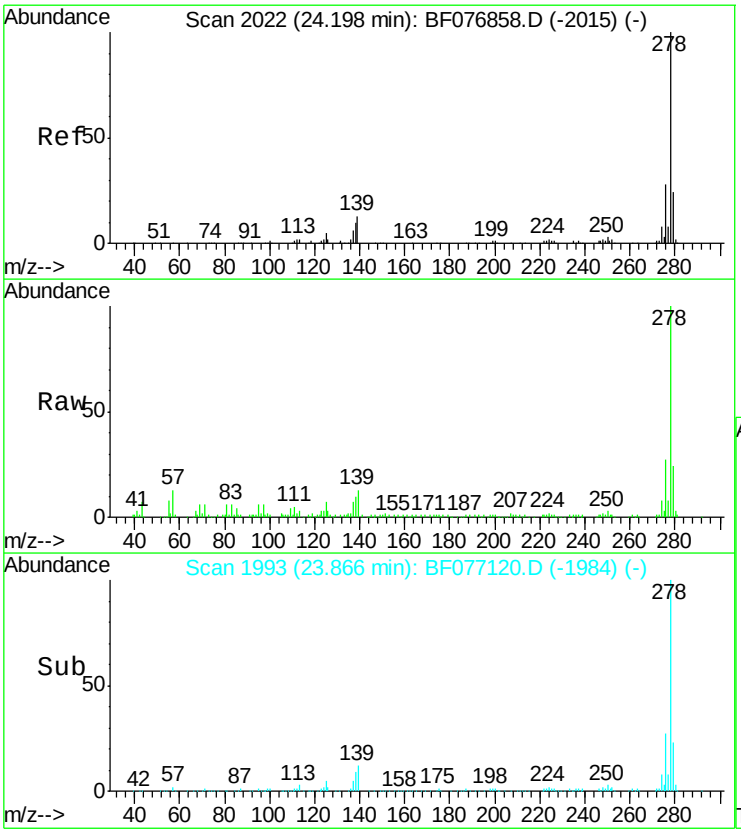
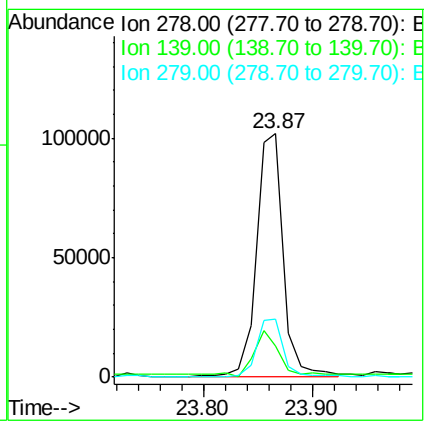
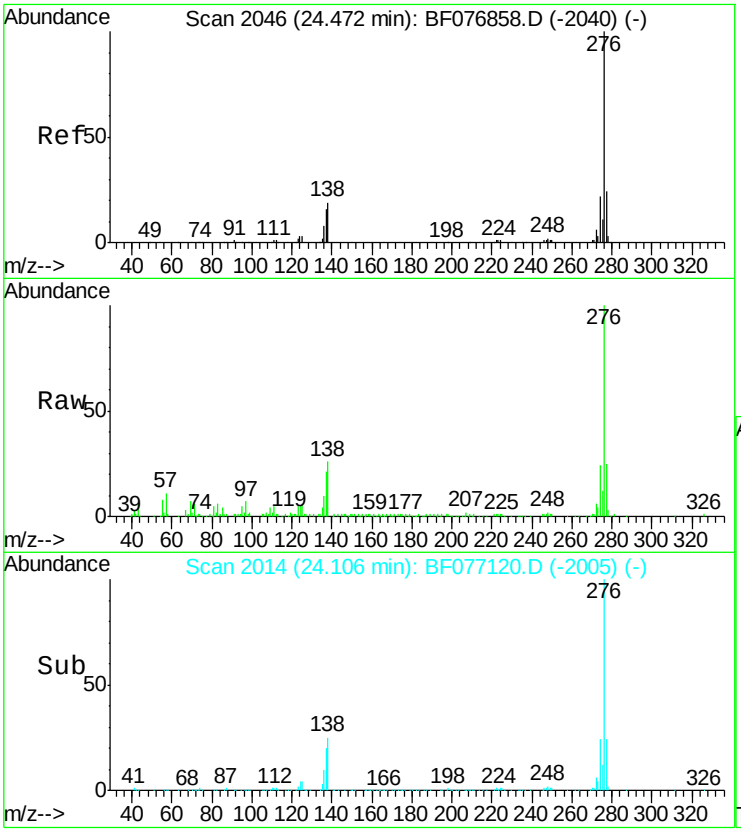



#90
Dibenzo(a,h)anthracene
Concen: 40.28 ng
RT: 23.87 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:278 Resp: 173710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 12.8 | 10.5 | 15.7 |
| 279 | 23.7 | 19.3 | 28.9 |

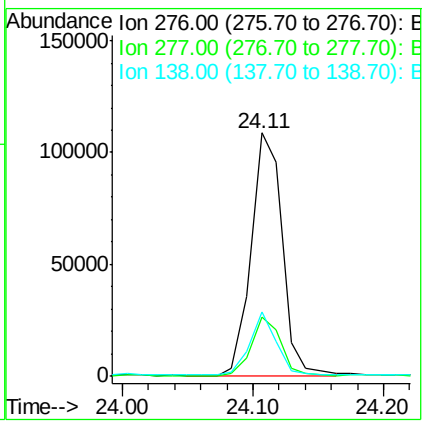





#91
Benzo(g,h,i)perylene
Concen: 42.07 ng
RT: 24.11 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:276 Resp: 180368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.6 | 19.5 | 29.3 |
| 138 | 26.3 | 15.0 | 22.6# |




**Instrument :**
BNA_F
**ClientSampleId :**
SB-84(17-19)MS

**Manual Integrations APPROVED**
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