Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079913.D
Acq On : 12 Jun 2015 1:27
Operator : TP/IZ
Sample : G2449-02MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FM1BMS

Manual Integrations
APPROVED
apatel
6/13/2015 8:44:26 AM

Quant Time: Jun 12 09:13:02 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 08:55:39 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.39 | 152 | 53556 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.68 | 136 | 217929 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.46 | 164 | 113429 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.97 | 188 | 253256 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 14.83 | 240 | 280732 | 20.00 | ng | | -0.16 |
| 86) Perylene-d12 | 16.69 | 264 | 281189 | 20.00 | ng | | -0.24 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 6.01 | 112 | 397338 | 136.04 | ng | | 0.01 |
| 7) Phenol-d6 | 6.99 | 99 | 551975 | 138.71 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.95 | 82 | 294339 | 89.11 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 11.26 | 330 | 155315 | 135.81 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.76 | 172 | 600710 | 74.16 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.61 | 244 | 792309 | 65.07 | ng | | -0.08 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.34 | 88 | 39833 | 29.98 | ng | | 92 |
| 3) Pyridine | 4.12 | 79 | 124901 | 36.68 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 4.03 | 42 | 70057 | 41.75 | ng | | 95 |
| 6) Aniline | 7.05 | 93 | 175489 | 30.47 | ng | | 99 |
| 8) 2-Chlorophenol | 7.18 | 128 | 156385 | 44.06 | ng | | 97 |
| 9) Benzaldehyde | 6.94 | 77 | 100665 | 44.01 | ng | | 98 |
| 10) Phenol | 7.00 | 94 | 200152 | 45.73 | ng | | 93 |
| 11) bis(2-Chloroethyl)ether | 7.11 | 93 | 144248 | 40.96 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 7.34 | 146 | 166302 | 40.16 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.42 | 146 | 169421 | 39.39 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.56 | 146 | 156625 | 41.00 | ng | | 99 |
| 15) Benzyl Alcohol | 7.52 | 79 | 133655 | 41.89 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.66 | 45 | 222276 | 42.61 | ng | | 99 |
| 17) 2-Methylphenol | 7.62 | 107 | 135208 | 43.60 | ng | | 99 |
| 18) Hexachloroethane | 7.92 | 117 | 55365 | 41.57 | ng | | 99 |
| 19) n-Nitroso-di-n-propylamine | 7.78 | 70 | 111106 | 39.08 | ng | | 96 |
| 20) 3+4-Methylphenols | 7.77 | 107 | 175683 | 44.32 | ng | | 97 |
| 22) Acetophenone | 7.79 | 105 | 228879 | 44.47 | ng | # | 98 |
| 24) Nitrobenzene | 7.96 | 77 | 150924 | 42.95 | ng | | 98 |
| 25) Isophorone | 8.20 | 82 | 327657 | 42.63 | ng | | 100 |
| 26) 2-Nitrophenol | 8.30 | 139 | 53608 | 43.68 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 8.31 | 122 | 149893m | 43.51 | ng | | |
| 28) bis(2-Chloroethoxy)methane | 8.41 | 93 | 197866 | 43.35 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 8.52 | 162 | 133329 | 46.21 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.63 | 180 | 146283 | 39.89 | ng | | 97 |
| 31) Naphthalene | 8.71 | 128 | 615801 | 51.69 | ng | | 99 |
| 32) Benzoic acid | 8.35 | 122 | 20350m | 20.98 | ng | | |
| 33) 4-Chloroaniline | 8.74 | 127 | 111206 | 24.05 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.82 | 225 | 80304 | 39.45 | ng | | 96 |
| 35) Caprolactam | 9.07 | 113 | 41267 | 45.22 | ng | # | 62 |
| 36) 4-Chloro-3-methylphenol | 9.21 | 107 | 153989 | 46.72 | ng | | 99 |
| 37) 2-Methylnaphthalene | 9.40 | 142 | 364496 | 45.29 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.58 | 216 | 156357 | 41.16 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 9.56 | 237 | 126432 | 76.42 | ng | | 98 |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079913.D
Acq On : 12 Jun 2015 1:27
Operator : TP/IZ
Sample : G2449-02MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FM1BMS

Manual Integrations
APPROVED
apatel
6/13/2015 8:44:26 AM

Quant Time: Jun 12 09:13:02 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 08:55:39 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.68 | 196 | 102118 | 43.63 ng | | 100 |
| 43) 2,4,5-Trichlorophenol | 9.71 | 196 | 115501 | 44.70 ng | | 99 |
| 45) 1,1'-Biphenyl | 9.86 | 154 | 398003 | 43.36 ng | | 99 |
| 46) 2-Chloronaphthalene | 9.90 | 162 | 320286 | 40.98 ng | | 99 |
| 47) 2-Nitroaniline | 9.98 | 65 | 70897 | 42.75 ng | | 97 |
| 48) Acenaphthylene | 10.32 | 152 | 548031 | 41.54 ng | | 100 |
| 49) Dimethylphthalate | 10.15 | 163 | 402918 | 44.34 ng | | 99 |
| 50) 2,6-Dinitrotoluene | 10.22 | 165 | 69449 | 42.21 ng | | 94 |
| 51) Acenaphthene | 10.49 | 154 | 318541 | 42.48 ng | | 99 |
| 52) 3-Nitroaniline | 10.39 | 138 | 59635 | 30.65 ng | | 93 |
| 53) 2,4-Dinitrophenol | 10.49 | 184 | 20267 | 67.39 ng | # | 1 |
| 54) Dibenzofuran | 10.66 | 168 | 491906 | 44.90 ng | | 100 |
| 55) 4-Nitrophenol | 10.54 | 139 | 139188 | 95.45 ng | # | 60 |
| 56) 2,4-Dinitrotoluene | 10.63 | 165 | 100653 | 45.96 ng | | 97 |
| 57) Fluorene | 11.02 | 166 | 430867 | 45.12 ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.78 | 232 | 92715 | 47.34 ng | # | 99 |
| 59) Diethylphthalate | 10.86 | 149 | 381326 | 41.97 ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 10.99 | 204 | 183318 | 42.98 ng | | 96 |
| 61) 4-Nitroaniline | 11.00 | 138 | 79716 | 38.32 ng | | 99 |
| 62) Azobenzene | 11.15 | 77 | 364268 | 41.66 ng | | 99 |
| 64) 4,6-Dinitro-2-methylphenol | 11.04 | 198 | 24929 | 44.53 ng | | 91 |
| 65) n-Nitrosodiphenylamine | 11.11 | 169 | 342136 | 41.85 ng | | 100 |
| 66) 4-Bromophenyl-phenylether | 11.50 | 248 | 119593 | 42.14 ng | | 92 |
| 67) Hexachlorobenzene | 11.58 | 284 | 129602 | 41.86 ng | | 95 |
| 68) Atrazine | 11.63 | 200 | 104450 | 41.51 ng | | 97 |
| 69) Pentachlorophenol | 11.76 | 266 | 119781 | 82.27 ng | | 96 |
| 70) Phenanthrene | 11.99 | 178 | 810304 | 53.69 ng | | 99 |
| 71) Anthracene | 12.05 | 178 | 670701 | 45.92 ng | | 100 |
| 72) Carbazole | 12.19 | 167 | 582668 | 41.13 ng | | 99 |
| 73) Di-n-butylphthalate | 12.51 | 149 | 632977 | 41.02 ng | | 99 |
| 74) Fluoranthene | 13.22 | 202 | 856024 | 51.30 ng | | 98 |
| 76) Benzidine | 13.34 | 184 | 338732 | 43.57 ng | | 99 |
| 77) Pyrene | 13.47 | 202 | 873052 | 49.52 ng | | 99 |
| 79) Butylbenzylphthalate | 14.13 | 149 | 287298 | 48.25 ng | # | 84 |
| 80) Benzo(a)anthracene | 14.82 | 228 | 775800 | 43.52 ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 14.75 | 252 | 204603 | 35.90 ng | # | 97 |
| 82) Chrysene | 14.87 | 228 | 668871 | 42.36 ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 14.78 | 149 | 440061 | 46.18 ng | # | 95 |
| 84) Di-n-octyl phthalate | 15.54 | 149 | 752711 | 48.43 ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 18.58 | 276 | 788666 | 42.24 ng | | 99 |
| 87) Benzo(b)fluoranthene | 16.14 | 252 | 742859 | 43.12 ng | | 99 |
| 88) Benzo(k)fluoranthene | 16.17 | 252 | 708894 | 40.34 ng | | 99 |
| 89) Benzo(a)pyrene | 16.61 | 252 | 706628 | 43.13 ng | | 97 |
| 90) Dibenzo(a,h)anthracene | 18.61 | 278 | 630197 | 39.13 ng | | 98 |
| 91) Benzo(g,h,i)perylene | 19.17 | 276 | 665698 | 39.94 ng | | 97 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
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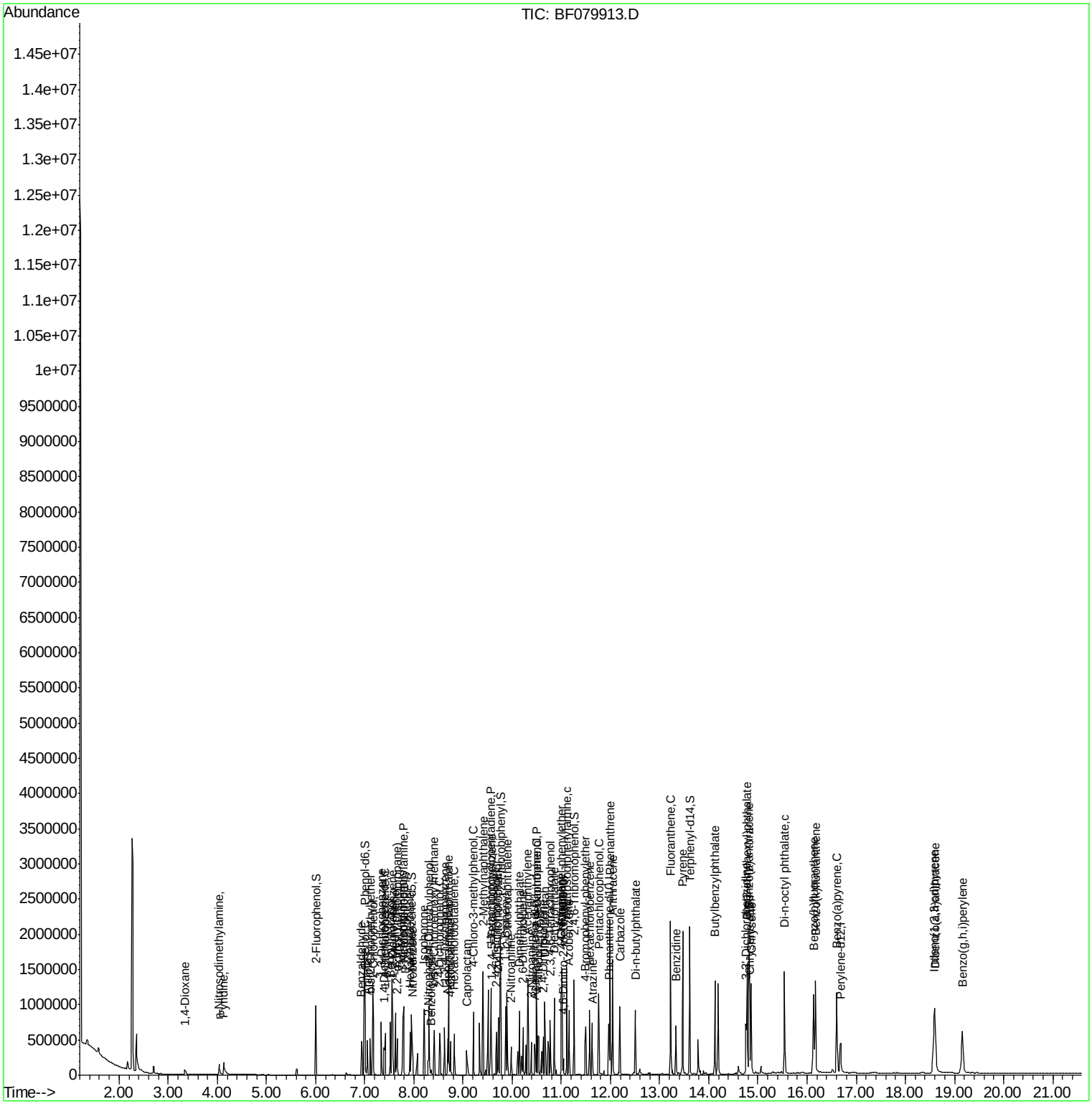
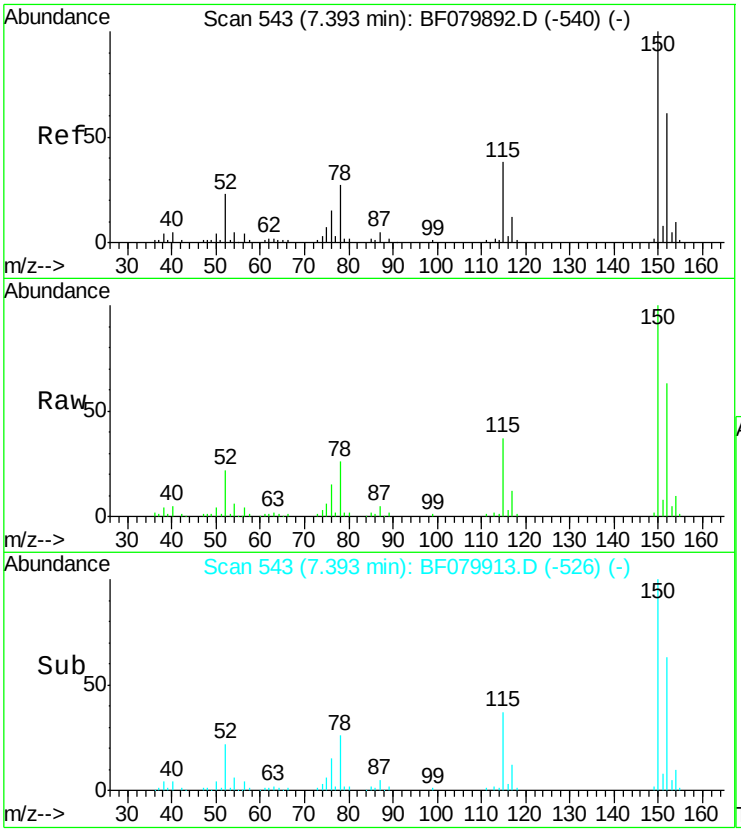
Acq On : 12 Jun 2015 1:27
Operator : TP/IZ
Sample : G2449-02MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jun 12 09:13:02 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 08:55:39 2015
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

**Manual Integrations APPROVED**
apatel
6/13/2015 8:44:26 AM





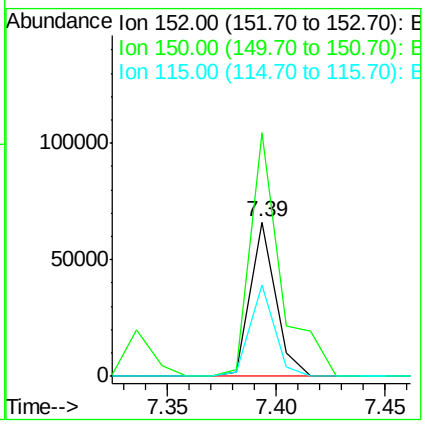

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

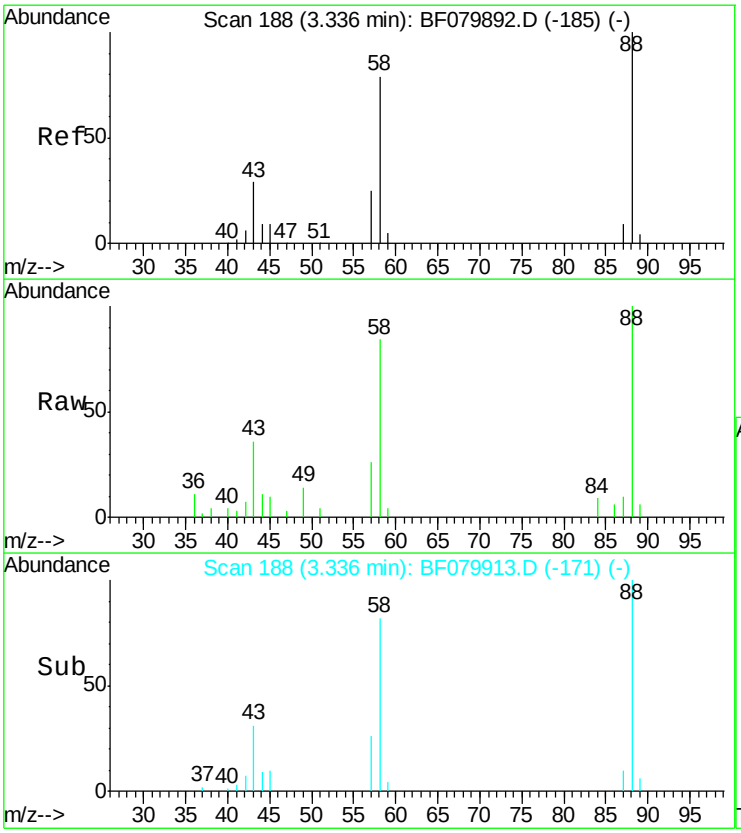
Tgt Ion:152 Resp: 53556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.0 | 131.0 | 196.4 |
| 115 | 58.9 | 49.8 | 74.6 |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

**Manual Integrations APPROVED**
apatel
6/13/2015 8:44:26 AM

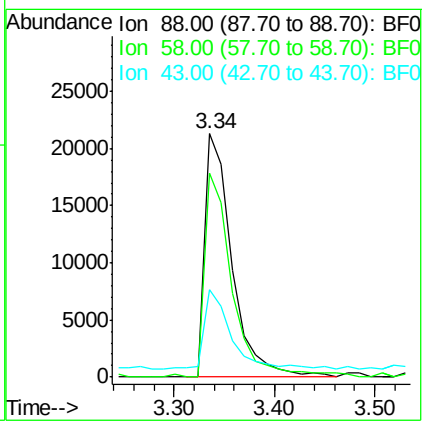


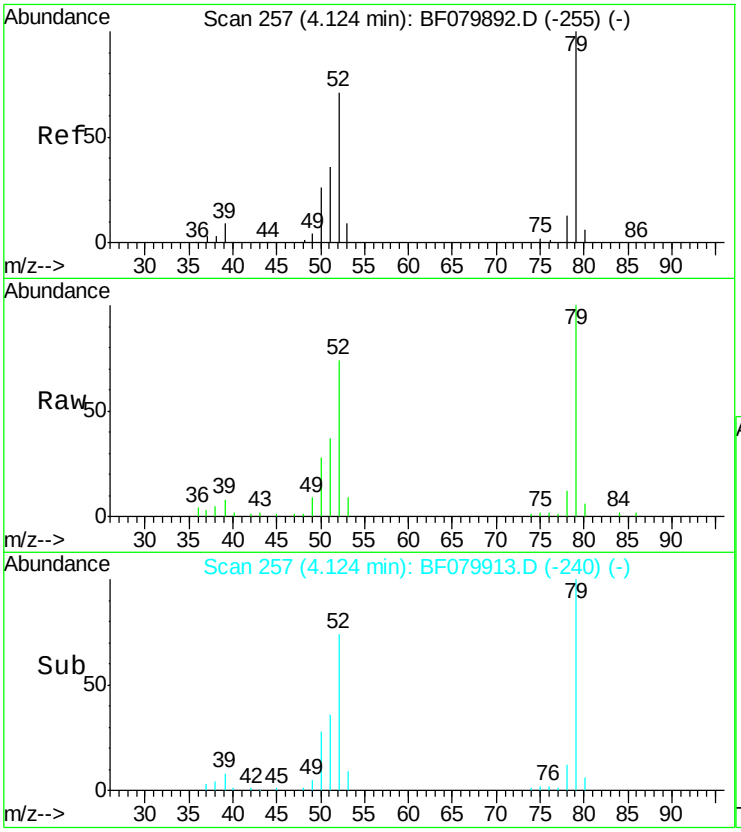




#2
1,4-Dioxane
Concen: 29.98 ng
RT: 3.34 min Scan# 188
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion: 88 Resp: 39833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 85.6 | 63.0 | 94.4 |
| 43 | 33.4 | 23.2 | 34.8 |






#3
Pyridine
Concen: 36.68 ng
RT: 4.12 min Scan# 257
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion: 79 Resp: 124901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 74.4 | 56.7 | 85.1 |
| 51 | 37.0 | 29.8 | 44.6 |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

**Manual Integrations APPROVED**
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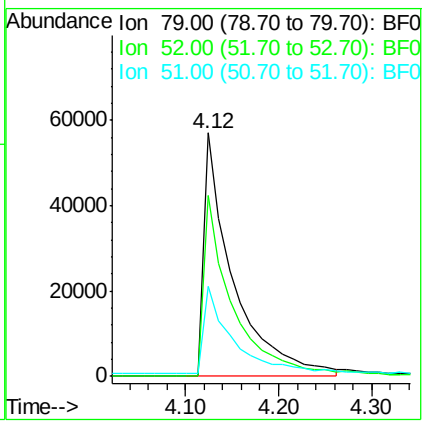
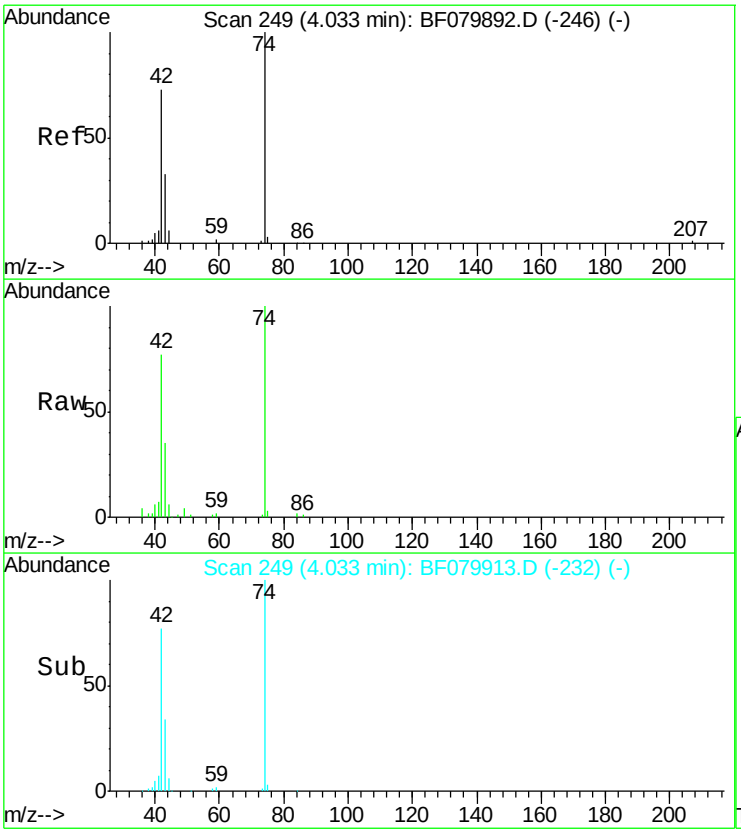
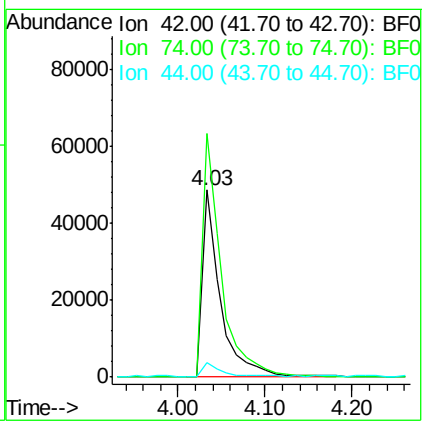


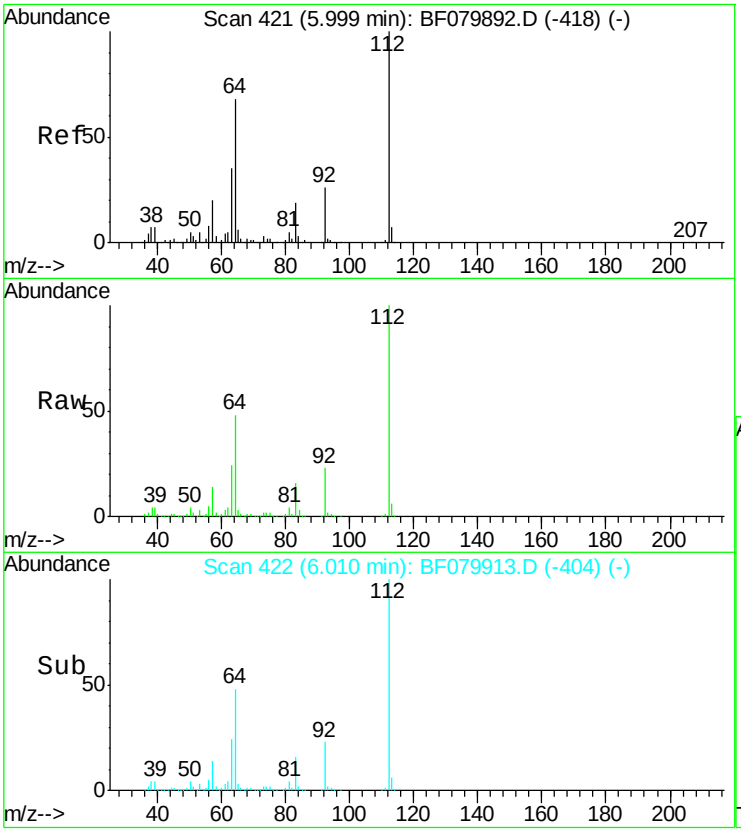




#4
n-Nitrosodimethylamine
Concen: 41.75 ng
RT: 4.03 min Scan# 249
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion: 42 Resp: 70057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 130.2 | 109.0 | 163.6 |
| 44 | 7.7 | 7.7 | 11.5 |






#5
2-Fluorophenol
Concen: 136.04 ng
RT: 6.01 min Scan# 422
Delta R.T. 0.01 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:112 Resp: 397338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 48.3 | 54.5 | 81.7# |
| 63 | 24.1 | 27.9 | 41.9# |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

**Manual Integrations APPROVED**
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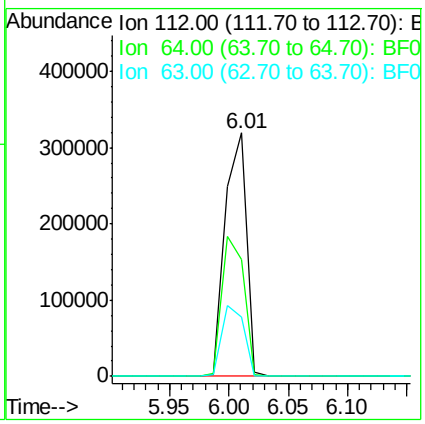
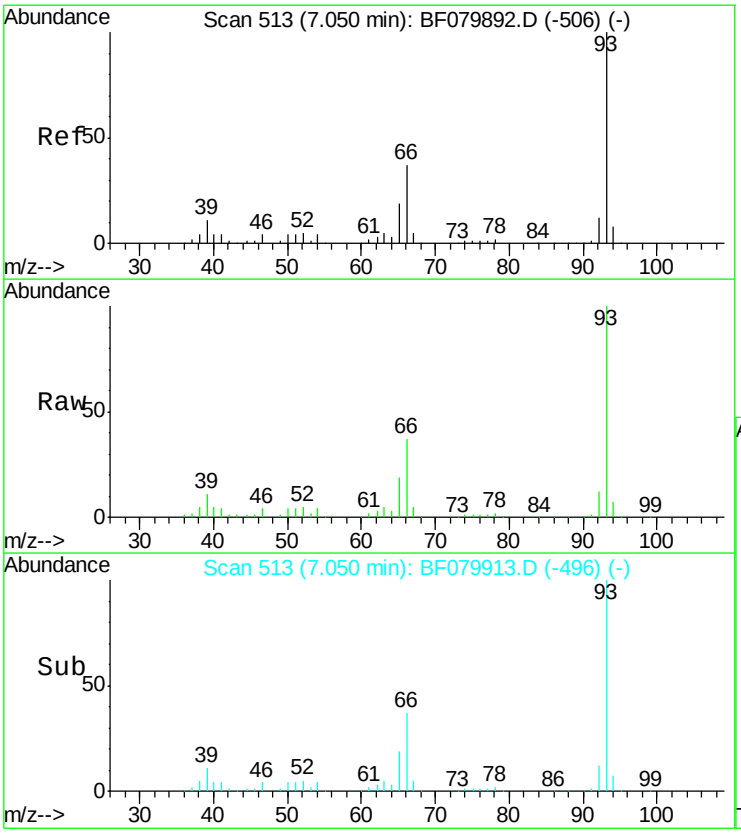
6/13/2015 8:44:26 AM

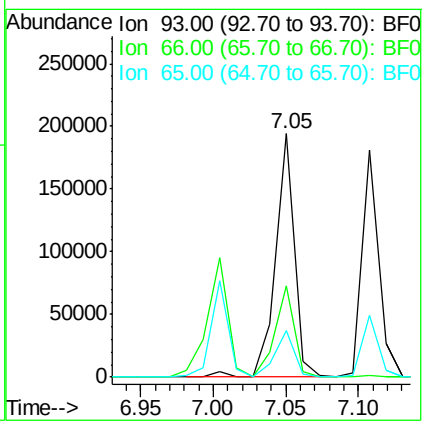


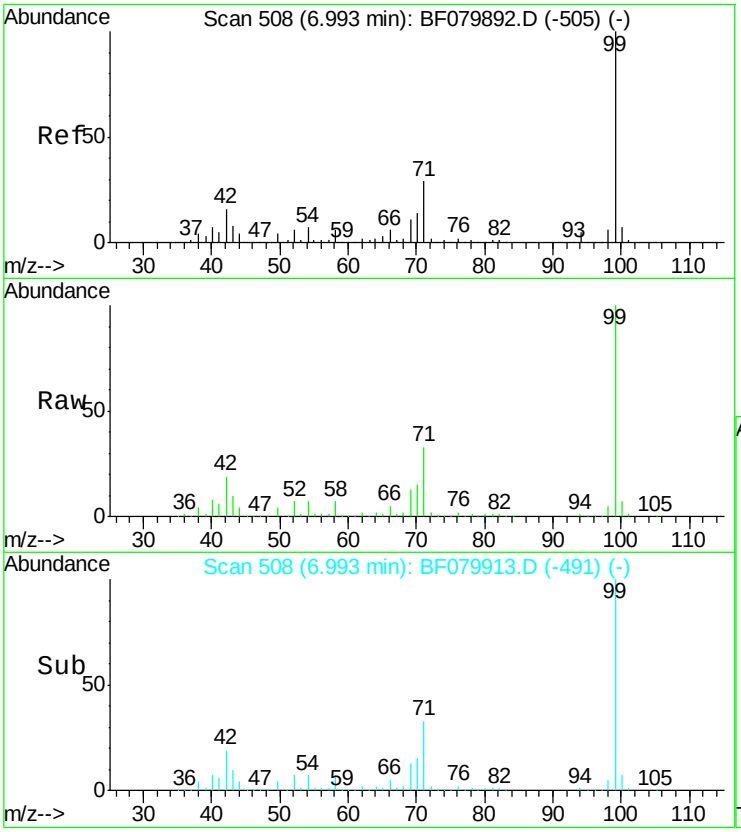




#6
Aniline
Concen: 30.47 ng
RT: 7.05 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion: 93 Resp: 175489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 37.4 | 29.4 | 44.0 |
| 65 | 18.9 | 14.9 | 22.3 |





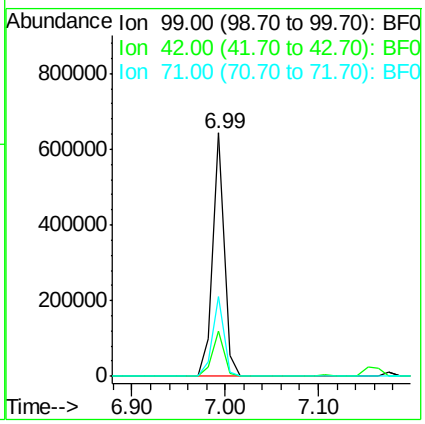

#7
Phenol-d6
Concen: 138.71 ng
RT: 6.99 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

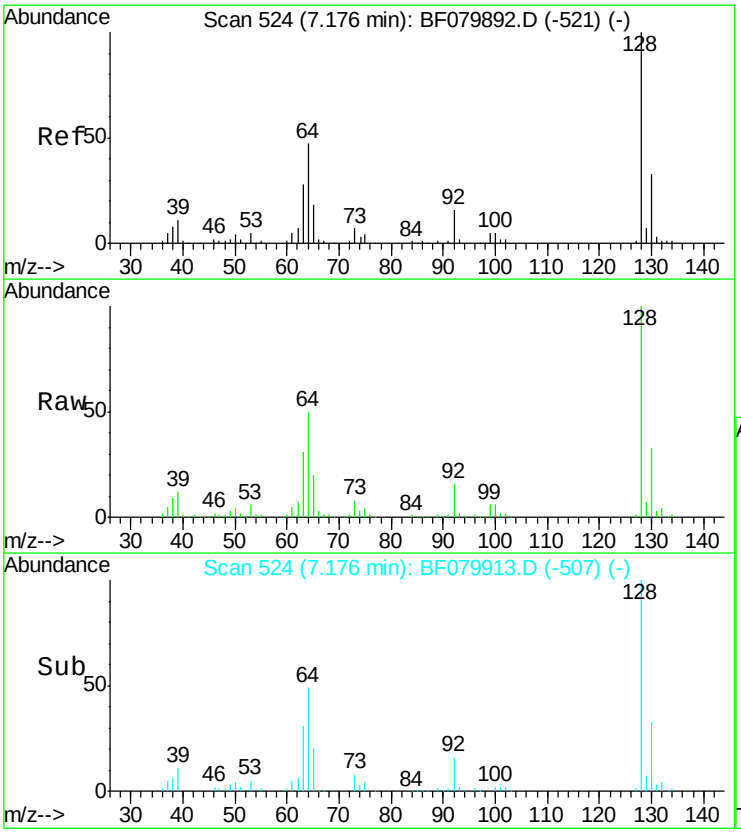
Tgt Ion: 99 Resp: 551975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.6 | 12.9 | 19.3 |
| 71 | 32.8 | 23.4 | 35.2 |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

**Manual Integrations APPROVED**
apatel
6/13/2015 8:44:26 AM

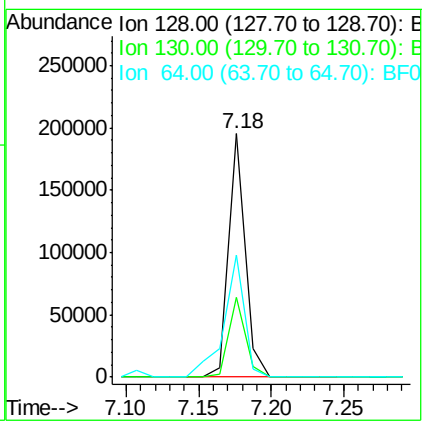


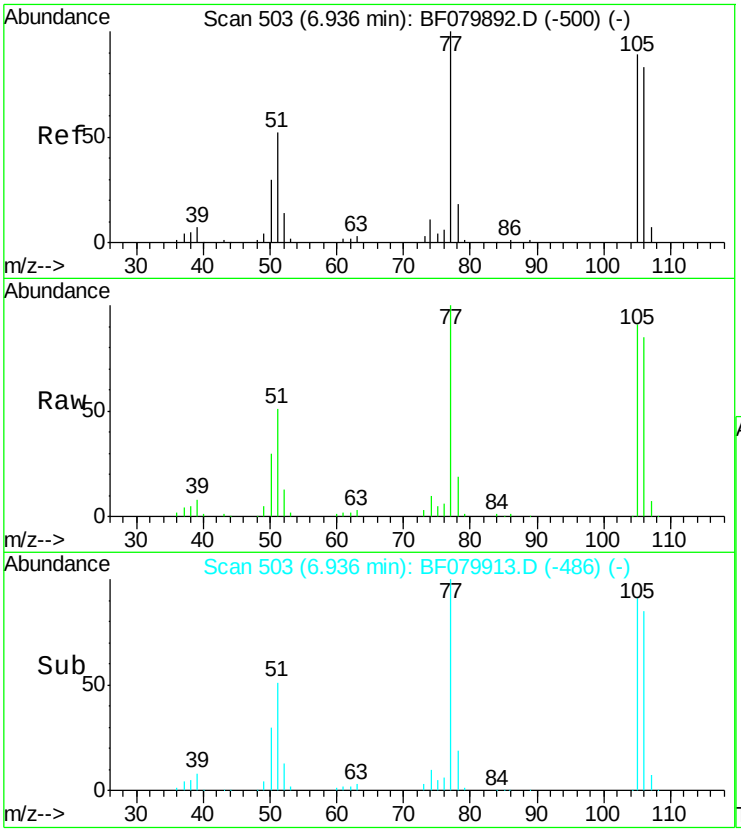




#8
2-Chlorophenol
Concen: 44.06 ng
RT: 7.18 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:128 Resp: 156385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.8 | 13.1 | 53.1 |
| 64 | 50.0 | 26.8 | 66.8 |





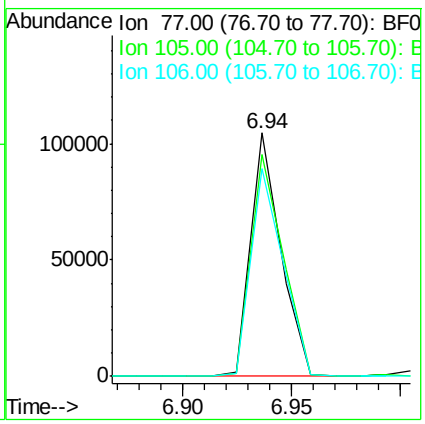

#9
Benzaldehyde
Concen: 44.01 ng
RT: 6.94 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

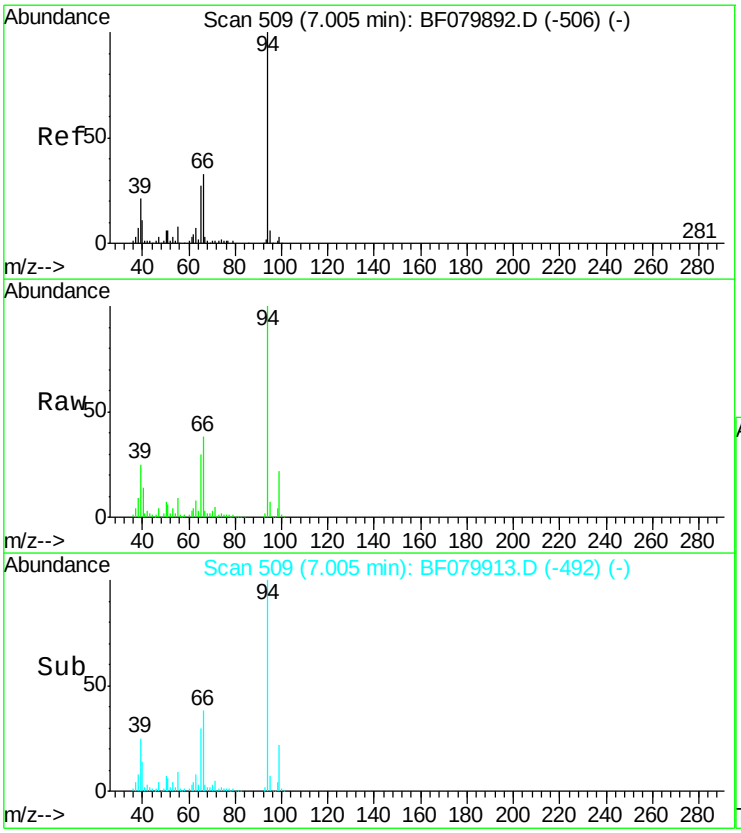
Tgt Ion: 77 Resp: 100665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 91.2 | 68.6 | 108.6 |
| 106 | 85.1 | 63.3 | 103.3 |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

**Manual Integrations APPROVED**
apatel
6/13/2015 8:44:26 AM

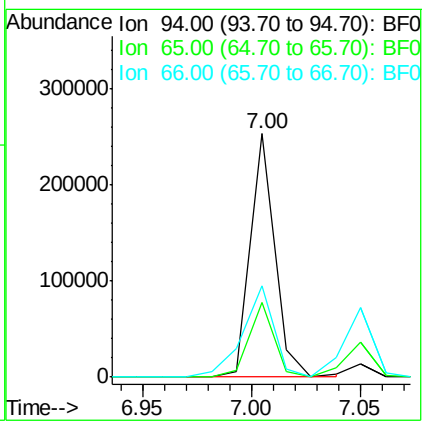


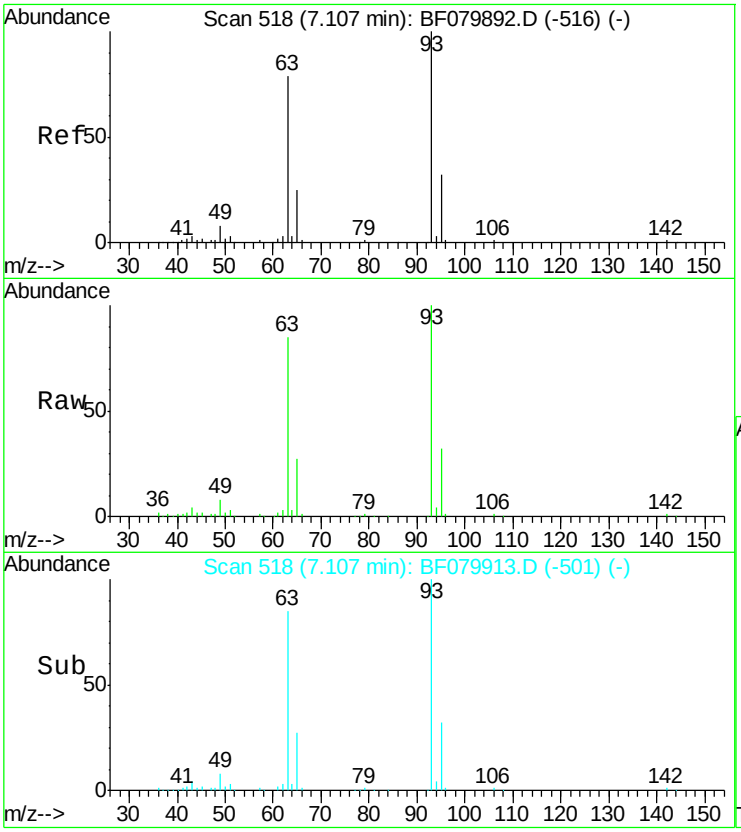




#10
Phenol
Concen: 45.73 ng
RT: 7.00 min Scan# 509
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion: 94 Resp: 200152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 30.5 | 7.0 | 47.0 |
| 66 | 37.7 | 13.3 | 53.3 |






#11
bis(2-Chloroethyl)ether
Concen: 40.96 ng
RT: 7.11 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion: 93 Resp: 144248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 84.9 | 58.7 | 98.7 |
| 95 | 31.7 | 11.5 | 51.5 |

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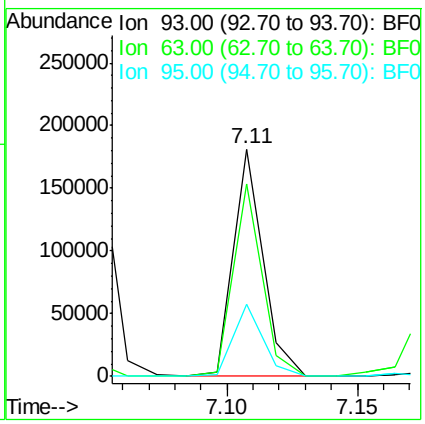
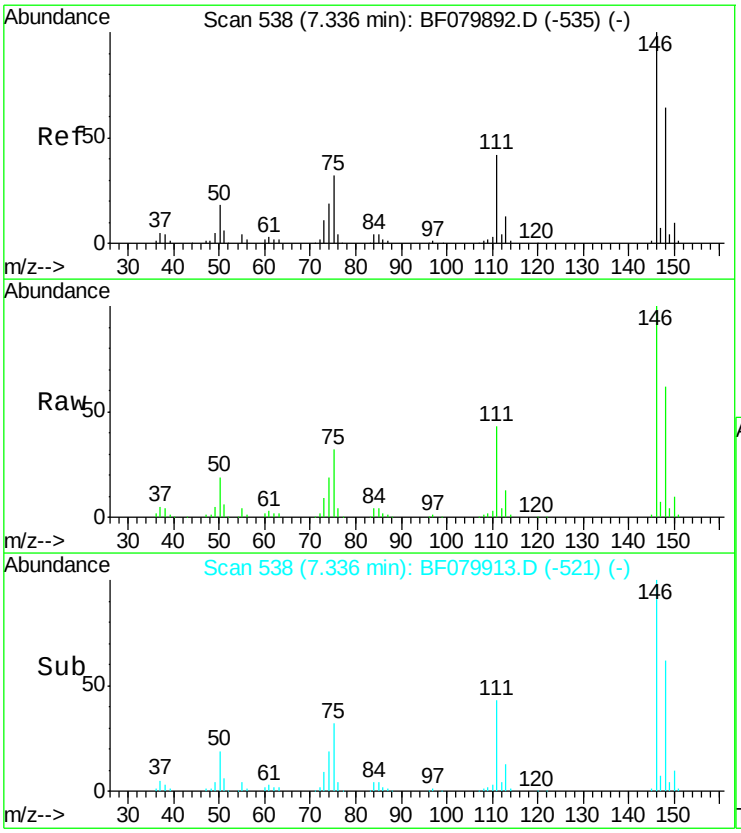
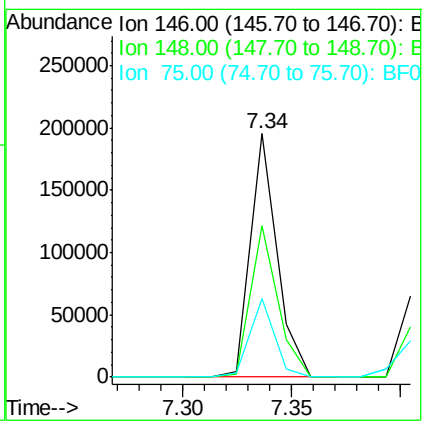


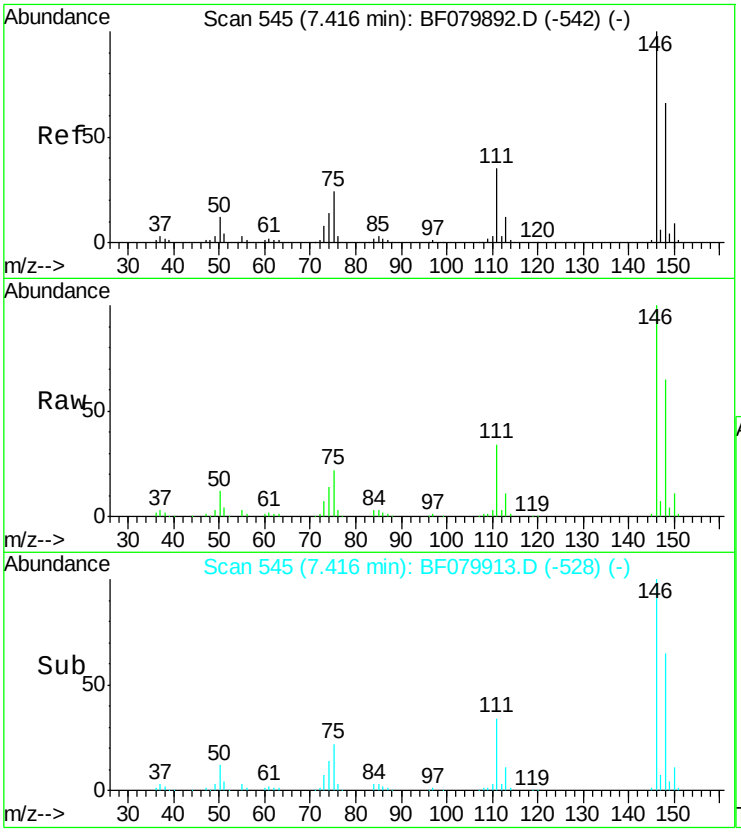




#12
1,3-Dichlorobenzene
Concen: 40.16 ng
RT: 7.34 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:146 Resp: 166302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.0 | 50.9 | 76.3 |
| 75 | 32.3 | 25.8 | 38.6 |






#13
1,4-Dichlorobenzene
Concen: 39.39 ng
RT: 7.42 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:146 Resp: 169421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.8 | 53.0 | 79.6 |
| 111 | 34.3 | 28.2 | 42.2 |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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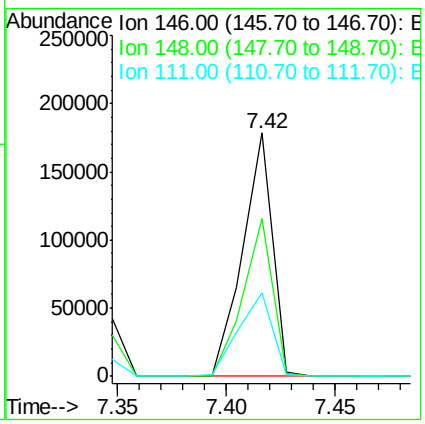
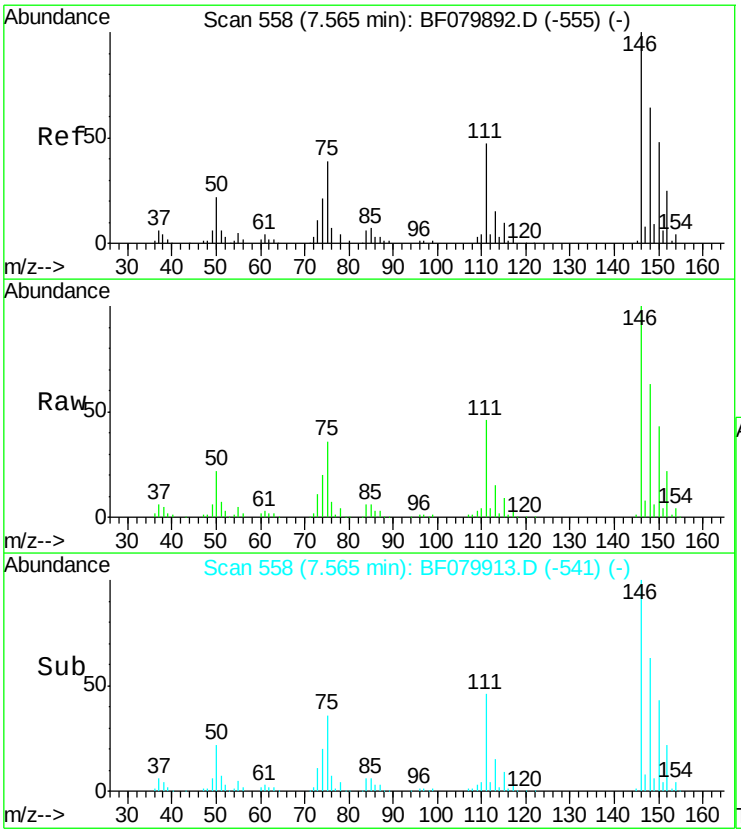
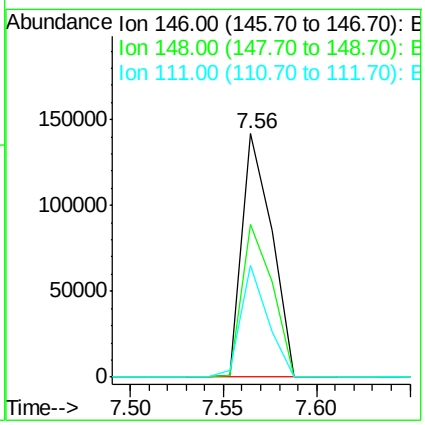


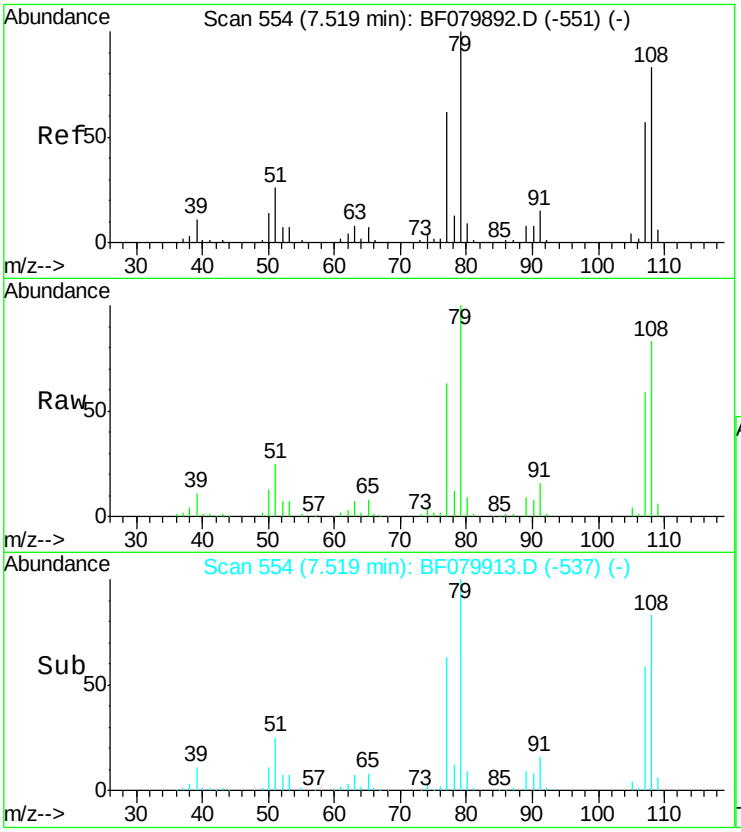




#14
1,2-Dichlorobenzene
Concen: 41.00 ng
RT: 7.56 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:146 Resp: 156625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.8 | 51.2 | 76.8 |
| 111 | 45.8 | 37.3 | 55.9 |






#15
Benzyl Alcohol
Concen: 41.89 ng
RT: 7.52 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion: 79 Resp: 133655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 83.2 | 66.4 | 99.6 |
| 77 | 63.2 | 49.4 | 74.0 |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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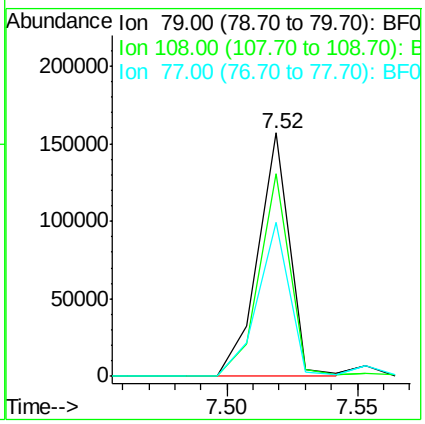
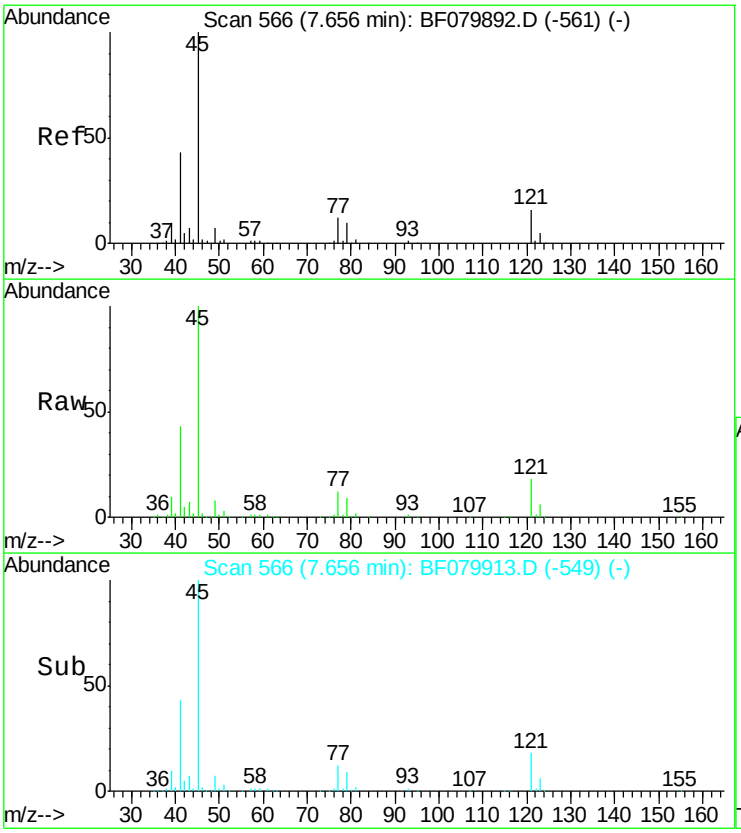
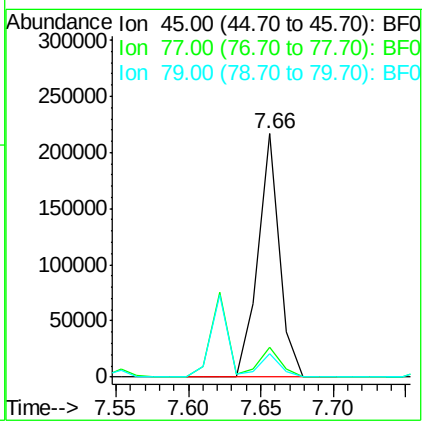


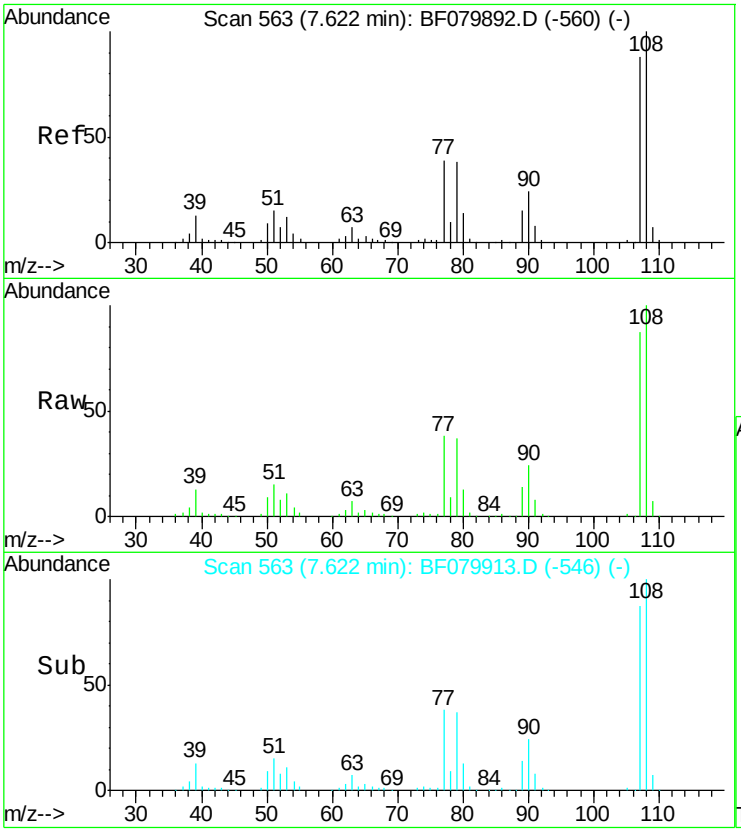




#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.61 ng
RT: 7.66 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion: 45 Resp: 222276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 12.4 | 0.0 | 31.9 |
| 79 | 9.5 | 0.0 | 29.6 |






#17
2-Methylphenol
Concen: 43.60 ng
RT: 7.62 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:107 Resp: 135208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.7 | 90.8 | 136.2 |
| 77 | 43.5 | 35.4 | 53.2 |
| 79 | 42.3 | 34.7 | 52.1 |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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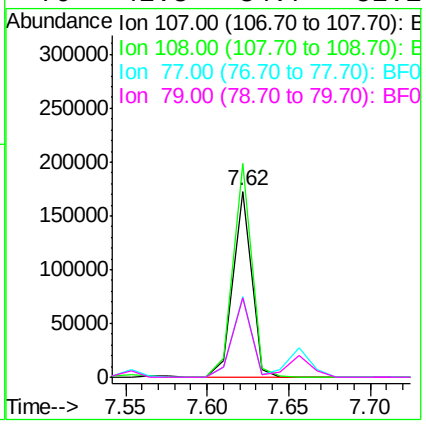
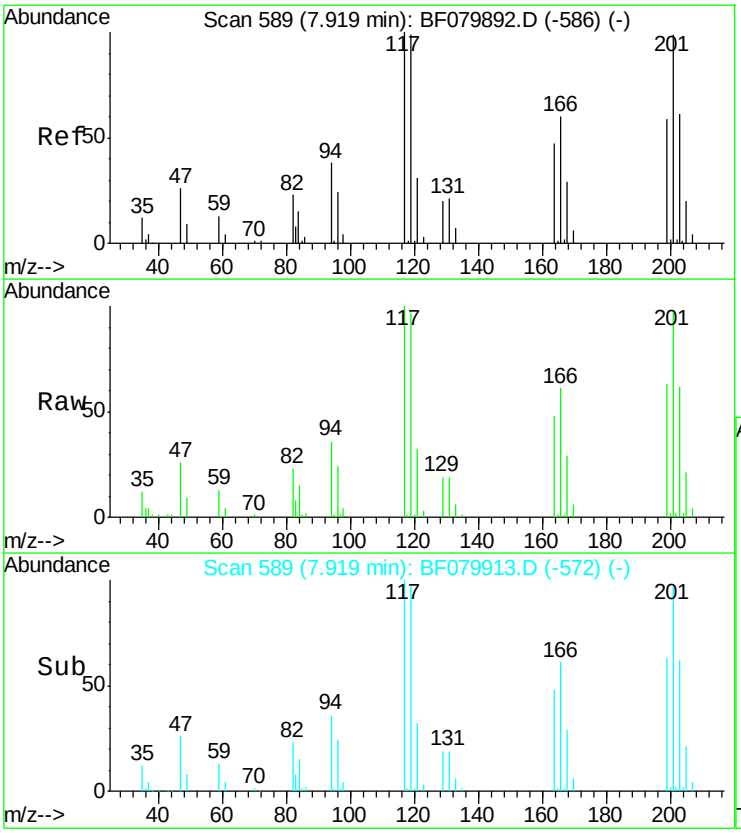
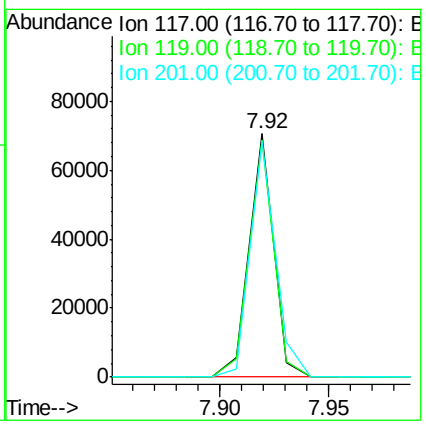


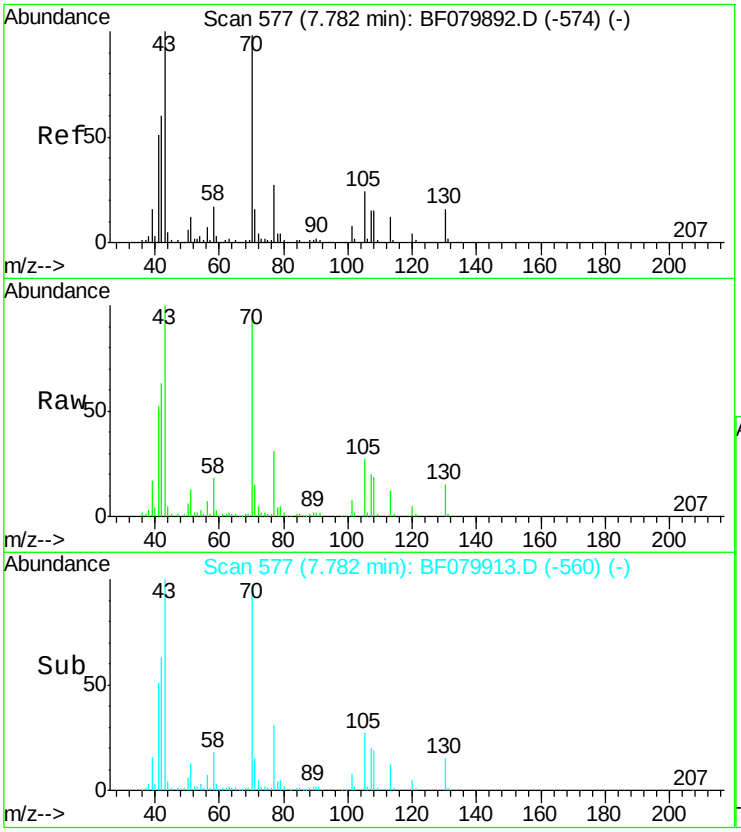




#18
Hexachloroethane
Concen: 41.57 ng
RT: 7.92 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:117 Resp: 55365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.5 | 79.0 | 118.6 |
| 201 | 97.2 | 79.0 | 118.6 |






#19
n-Nitroso-di-n-propylamine
Concen: 39.08 ng
RT: 7.78 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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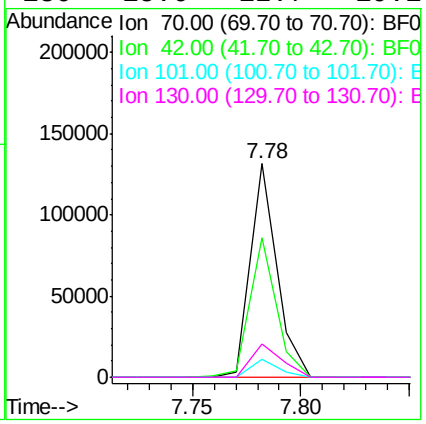
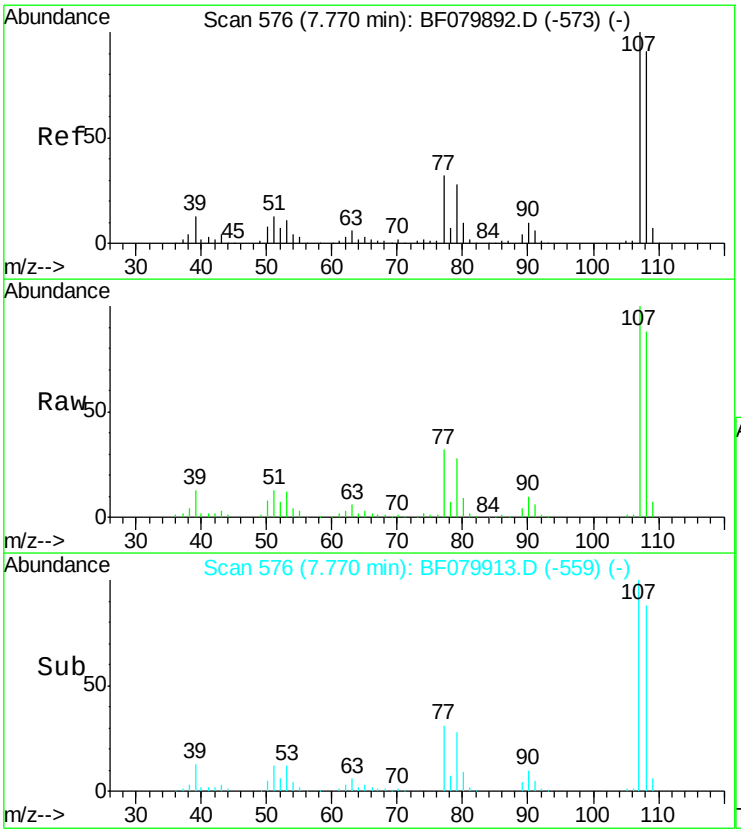
Tgt Ion: 70 Resp: 111106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 65.4 | 49.0 | 73.4 |
| 101 | 8.4 | 6.6 | 9.8 |
| 130 | 15.6 | 12.7 | 19.1 |

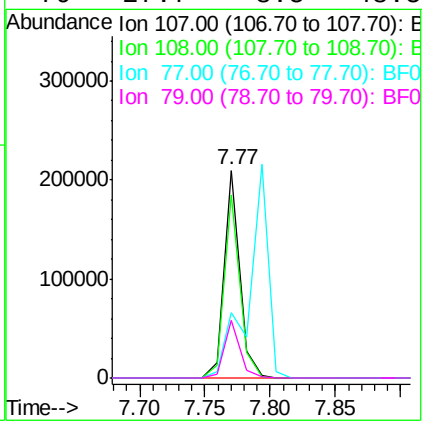


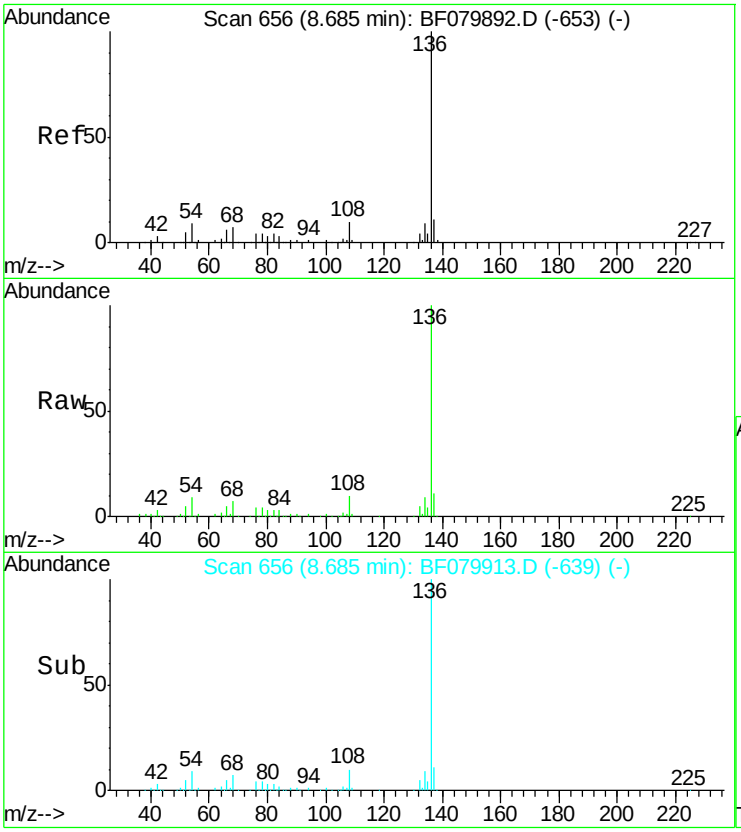




#20
3+4-Methylphenols
Concen: 44.32 ng
RT: 7.77 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:107 Resp: 175683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.0 | 71.1 | 111.1 |
| 77 | 31.6 | 12.2 | 52.2 |
| 79 | 27.7 | 8.5 | 48.5 |

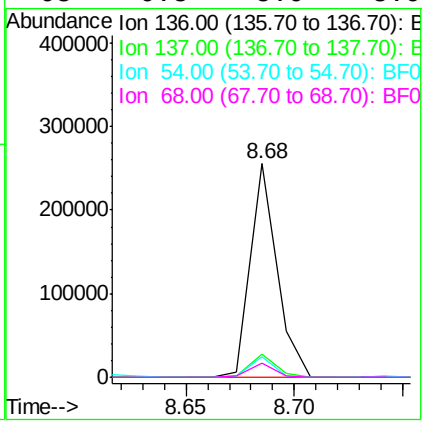





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.68 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:136 Resp: 217929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.7 | 13.1 |
| 54 | 9.4 | 7.3 | 10.9 |
| 68 | 6.8 | 5.9 | 8.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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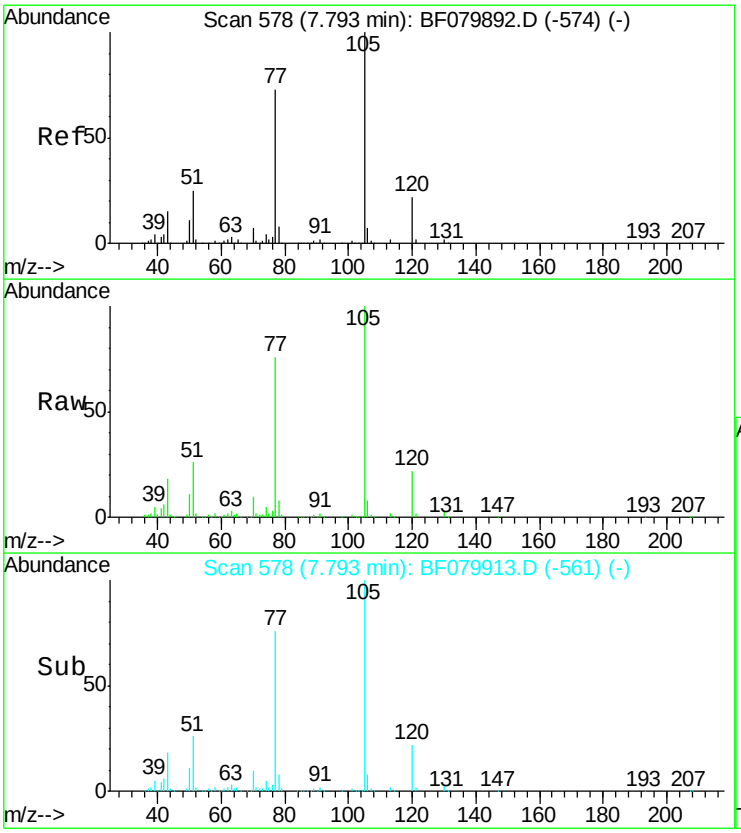
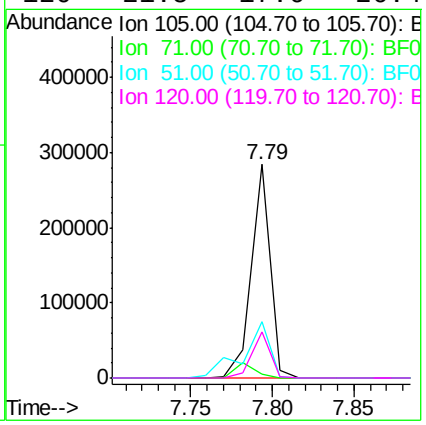
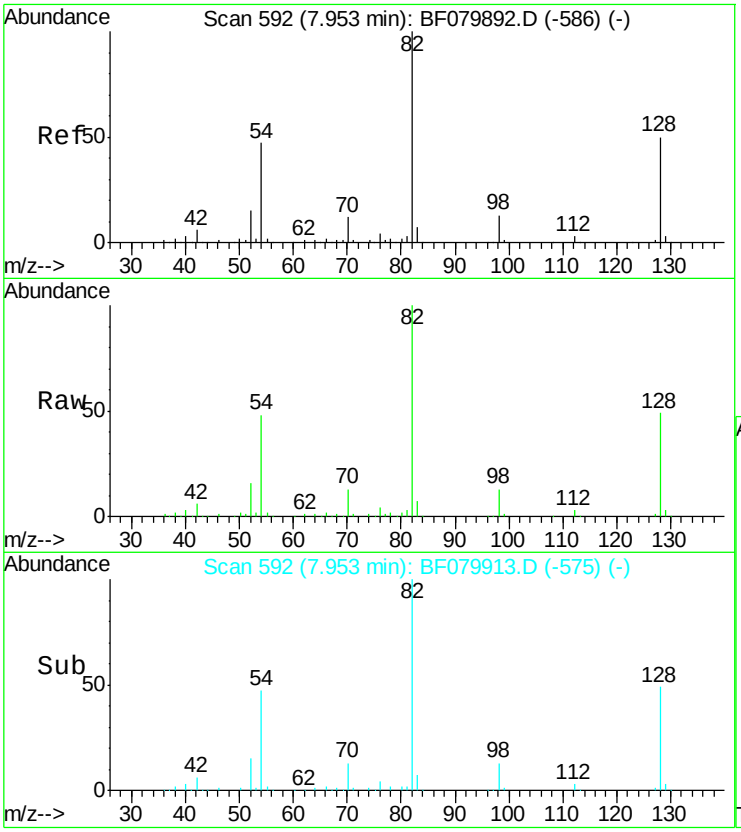



#22
Acetophenone
Concen: 44.47 ng
RT: 7.79 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:105 Resp: 228879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 1.7 | 1.0 | 1.4# |
| 51 | 26.2 | 19.8 | 29.6 |
| 120 | 21.5 | 17.6 | 26.4 |






#23
Nitrobenzene-d5
Concen: 89.11 ng
RT: 7.95 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion: 82 Resp: 294339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.4 | 40.3 | 60.5 |
| 54 | 47.6 | 38.0 | 57.0 |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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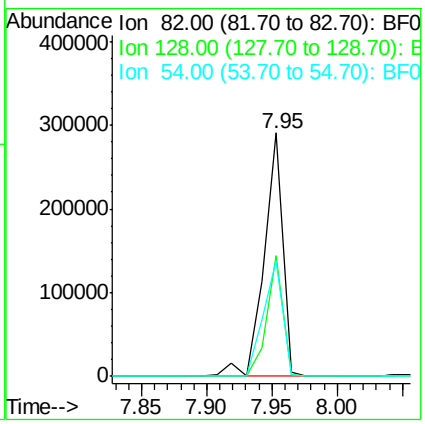
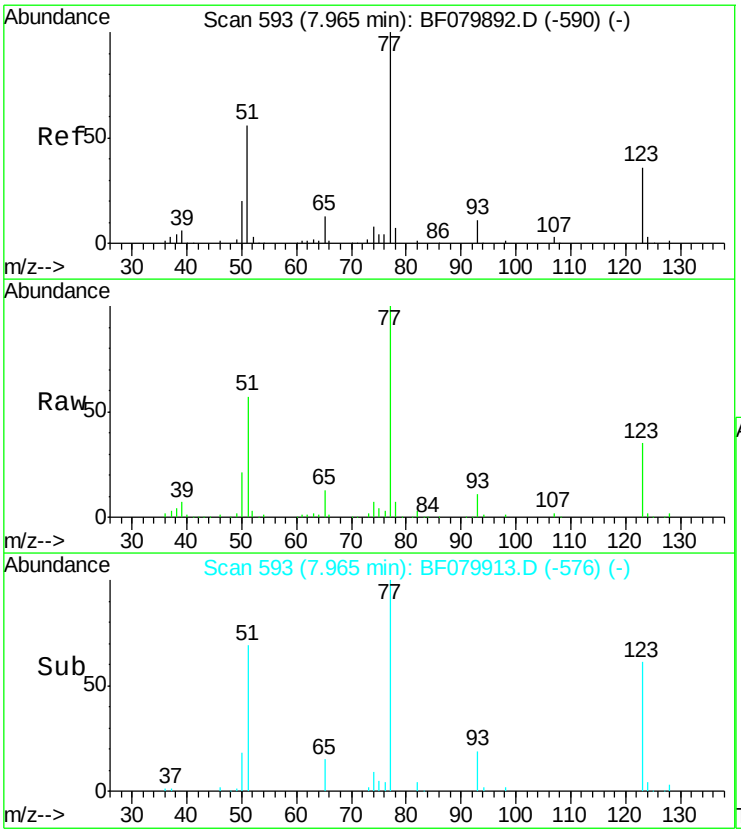
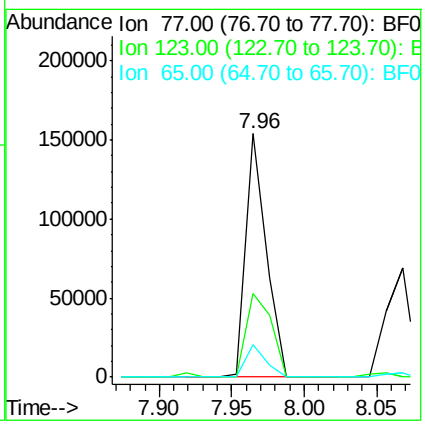


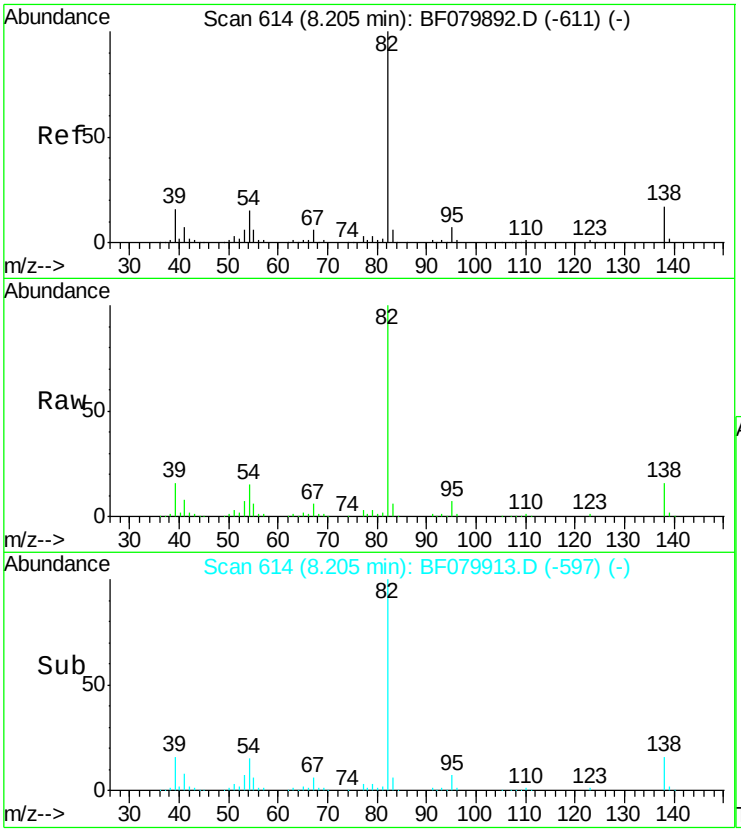




#24
Nitrobenzene
Concen: 42.95 ng
RT: 7.96 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion: 77 Resp: 150924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 34.6 | 28.8 | 43.2 |
| 65 | 13.1 | 10.3 | 15.5 |






#25
Isophorone
Concen: 42.63 ng
RT: 8.20 min Scan# 614
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion: 82 Resp: 327657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.6 | 5.2 | 7.8 |
| 138 | 16.4 | 13.3 | 19.9 |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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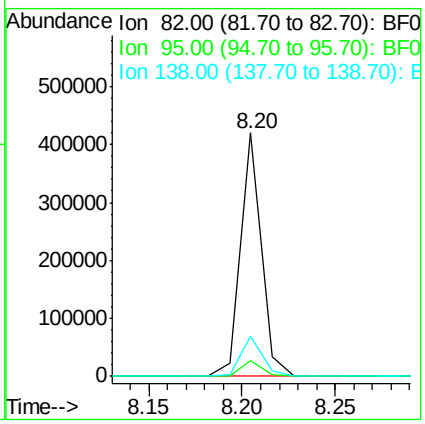
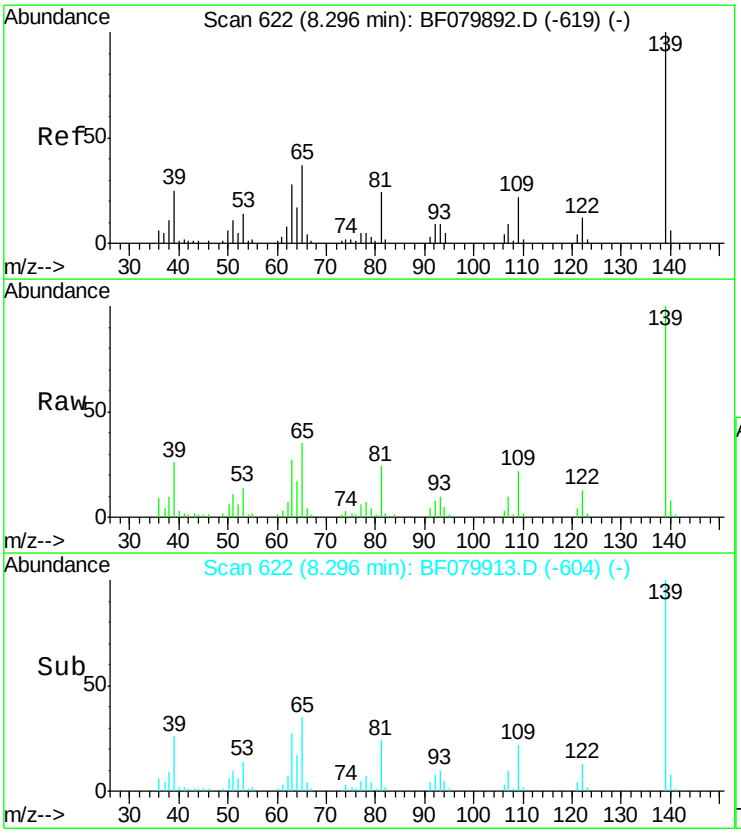
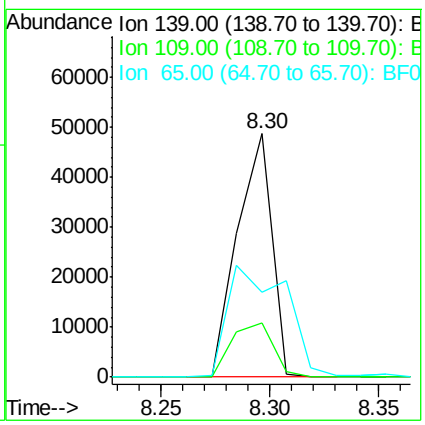


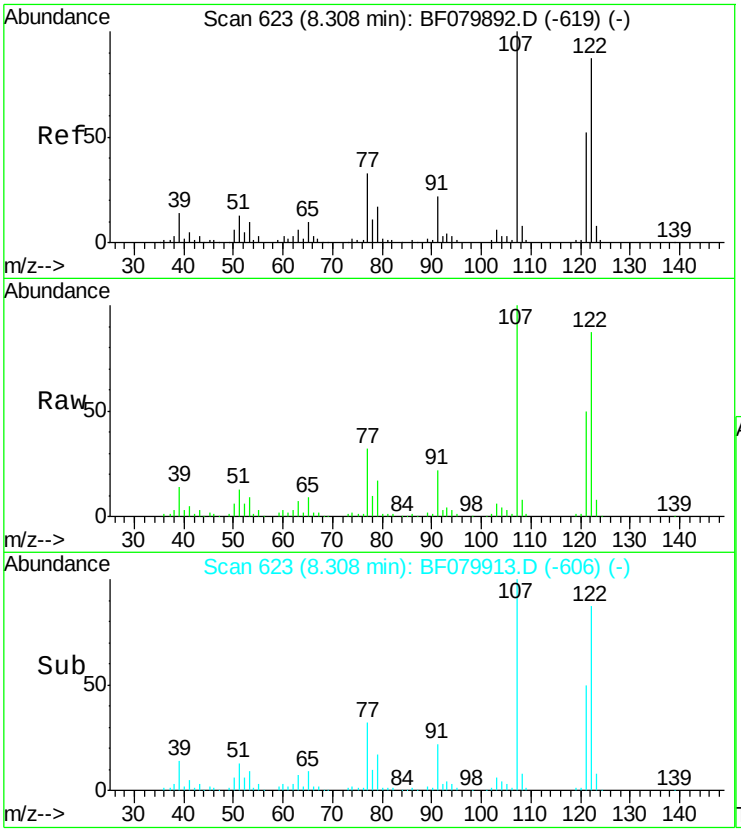




#26
2-Nitrophenol
Concen: 43.68 ng
RT: 8.30 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:139 Resp: 53608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 22.5 | 17.8 | 26.6 |
| 65 | 34.9 | 29.4 | 44.0 |






#27
2,4-Dimethylphenol
Concen: 43.51 ng m
RT: 8.31 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:122 Resp: 149893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 114.4 | 91.7 | 137.5 |
| 121 | 57.7 | 47.8 | 71.6 |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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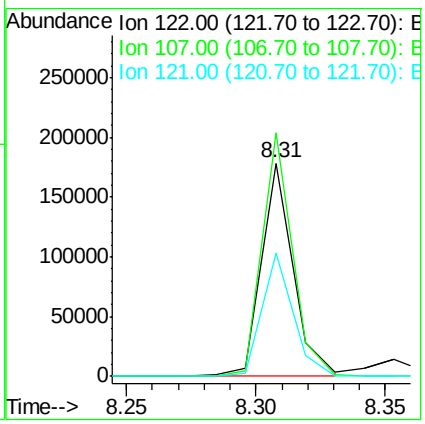
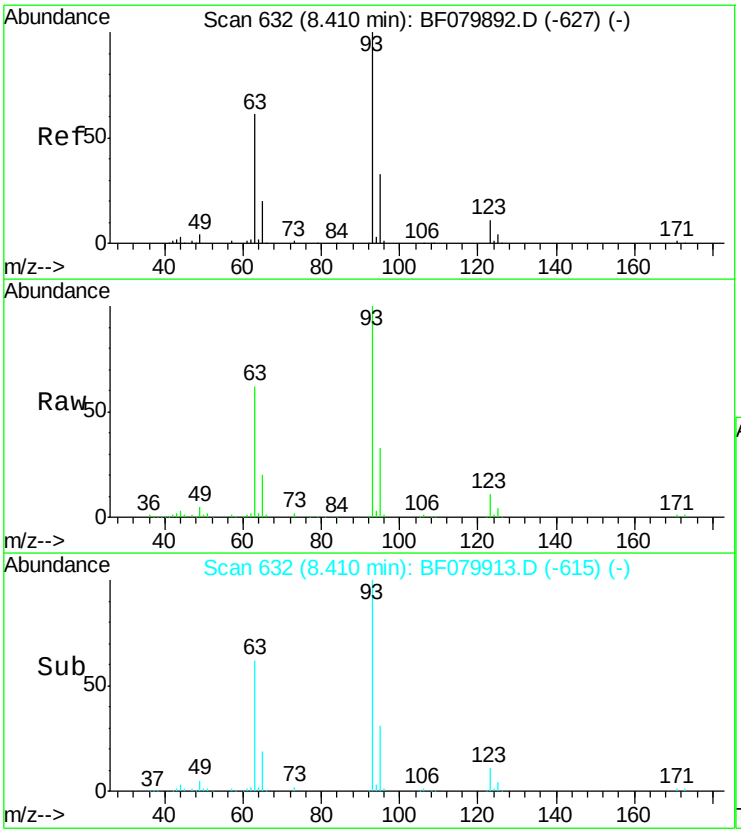
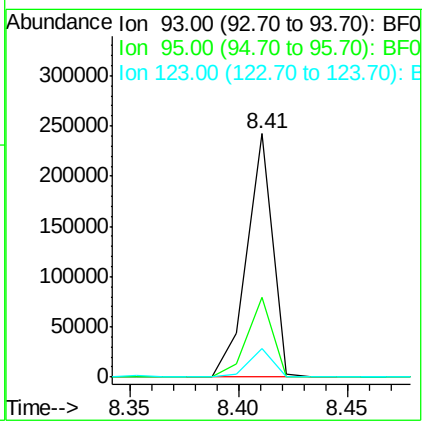


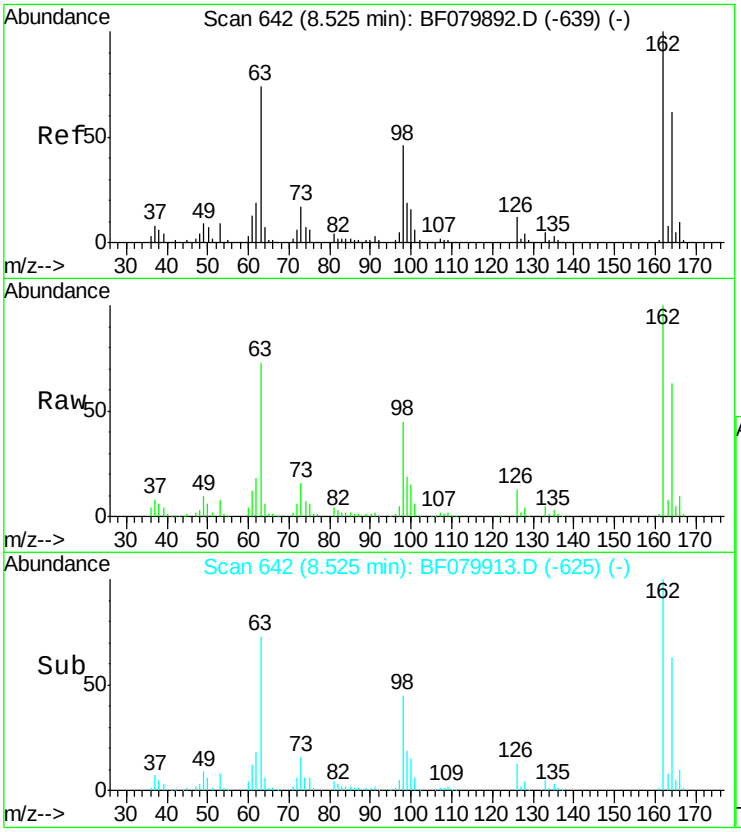




#28
bis(2-Chloroethoxy)methane
Concen: 43.35 ng
RT: 8.41 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion: 93 Resp: 197866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.6 | 26.1 | 39.1 |
| 123 | 11.5 | 8.9 | 13.3 |






#29
2,4-Dichlorophenol
Concen: 46.21 ng
RT: 8.52 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:162 Resp: 133329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.0 | 42.2 | 82.2 |
| 98 | 45.3 | 26.0 | 66.0 |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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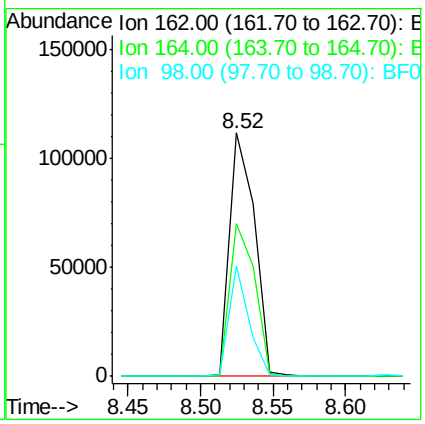
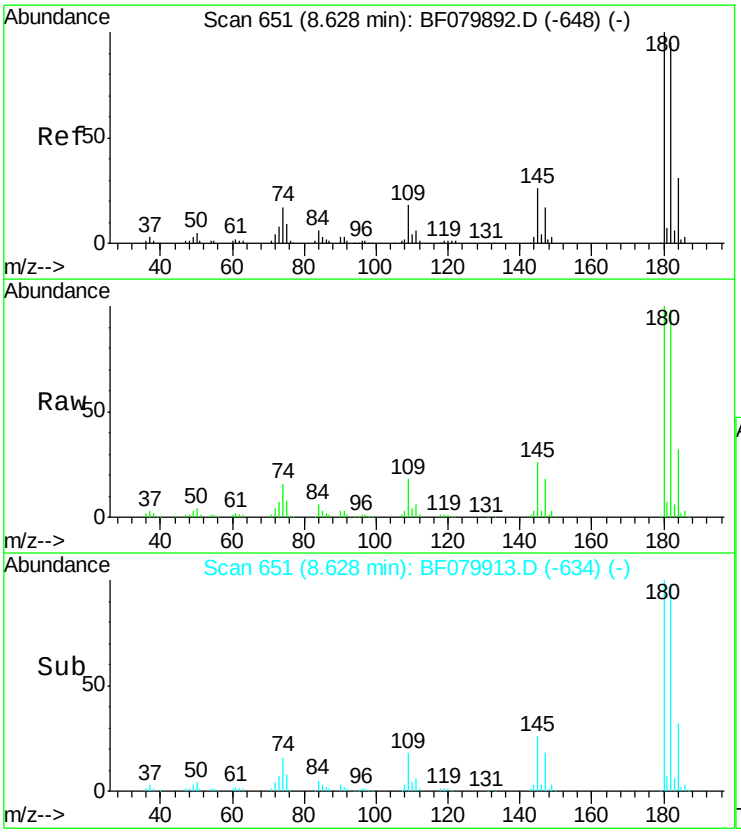
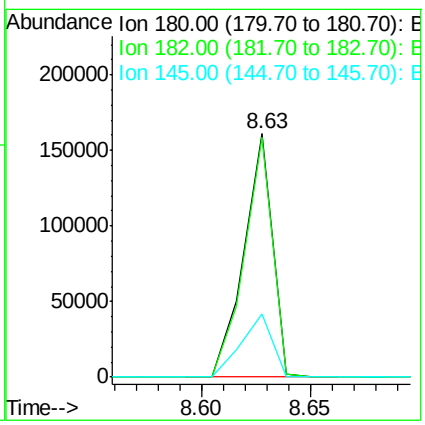


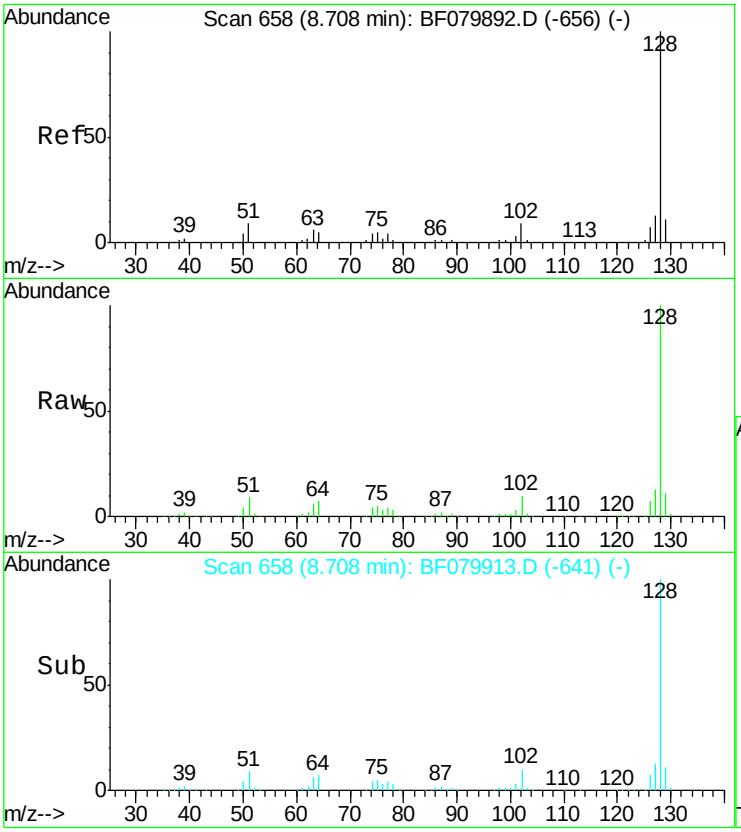




#30
1,2,4-Trichlorobenzene
Concen: 39.89 ng
RT: 8.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:180 Resp: 146283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 98.4 | 75.7 | 113.5 |
| 145 | 25.8 | 21.1 | 31.7 |






#31
Naphthalene
Concen: 51.69 ng
RT: 8.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:128 Resp: 615801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.4 | 8.8 | 13.2 |
| 127 | 13.2 | 10.5 | 15.7 |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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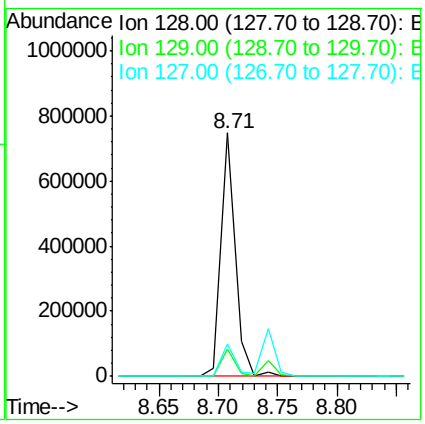
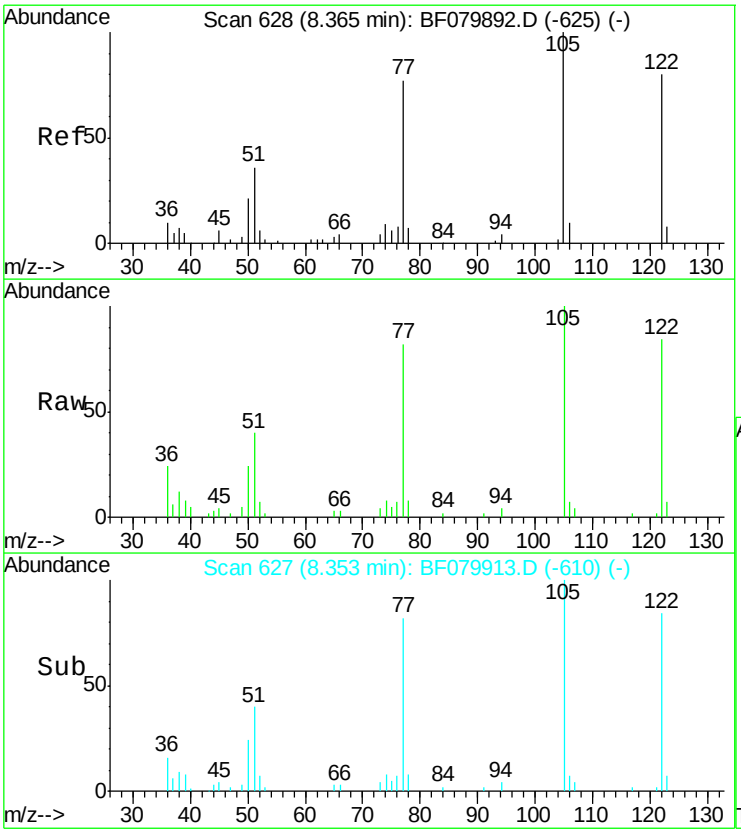
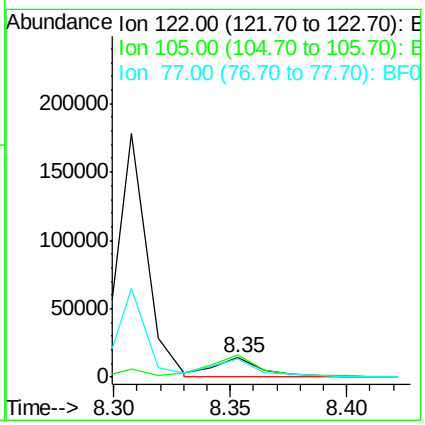


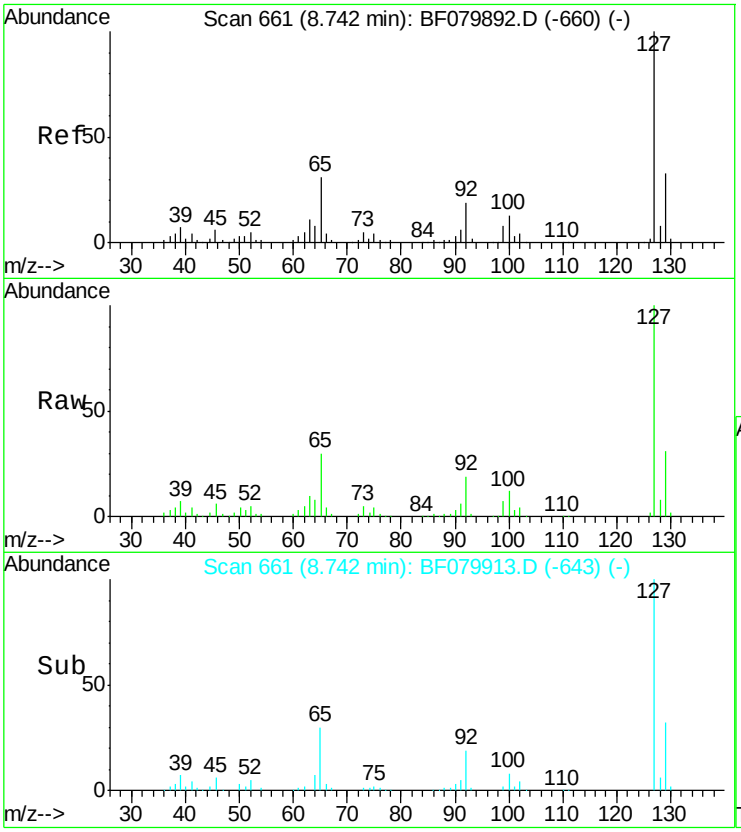




#32
Benzoic acid
Concen: 20.98 ng m
RT: 8.35 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:122 Resp: 20350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 119.0 | 102.7 | 142.7 |
| 77 | 97.0 | 77.1 | 117.1 |






#33
4-Chloroaniline
Concen: 24.05 ng
RT: 8.74 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:127 Resp: 111206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.4 | 26.1 | 39.1 |
| 65 | 29.7 | 25.5 | 38.3 |
| 92 | 18.7 | 15.7 | 23.5 |

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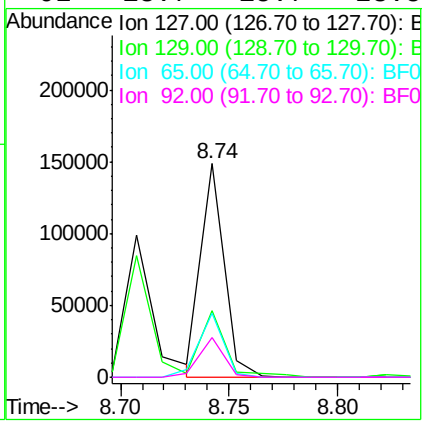
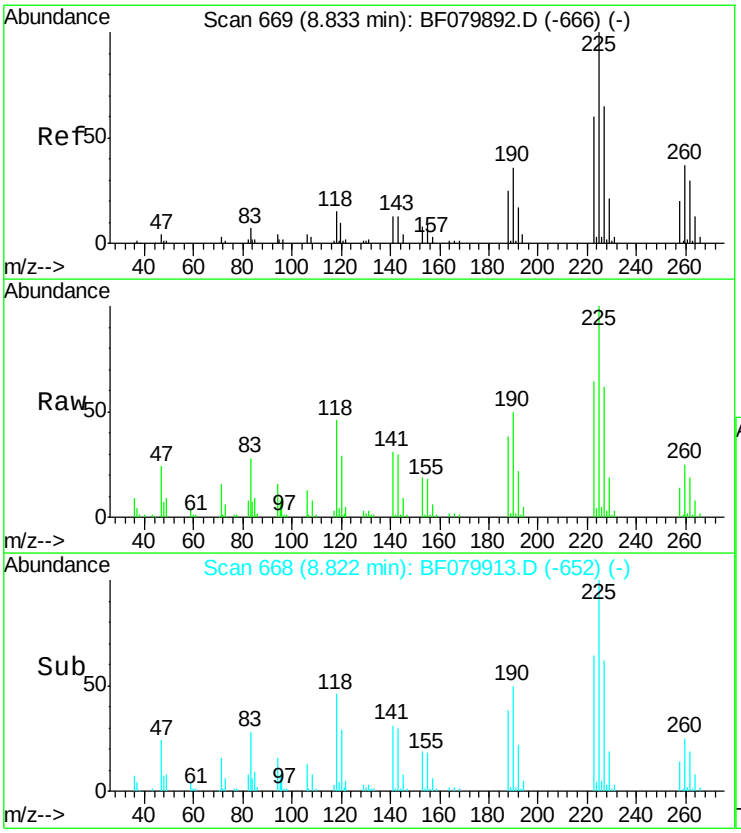
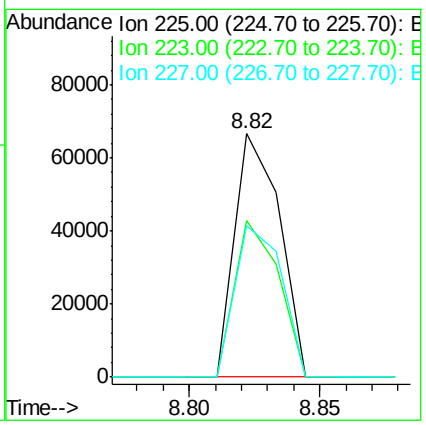


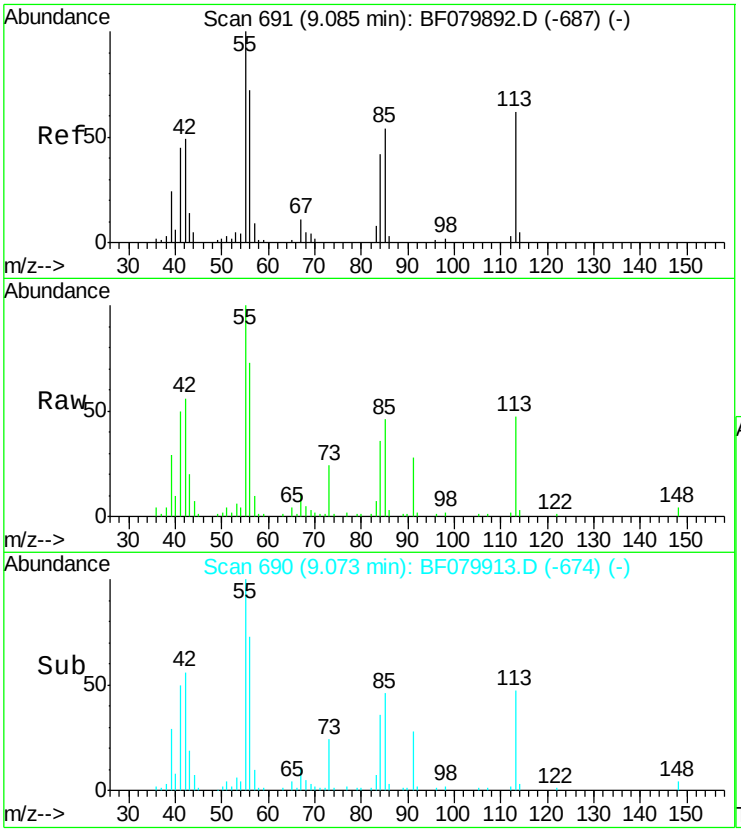




#34
Hexachlorobutadiene
Concen: 39.45 ng
RT: 8.82 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:225 Resp: 80304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.1 | 47.8 | 71.6 |
| 227 | 62.5 | 52.0 | 78.0 |






#35
Caprolactam
Concen: 45.22 ng
RT: 9.07 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:113 Resp: 41267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 214.0 | 141.4 | 181.4# |
| 56 | 155.9 | 95.9 | 135.9# |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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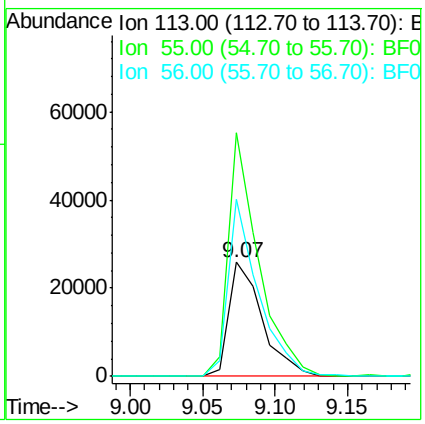
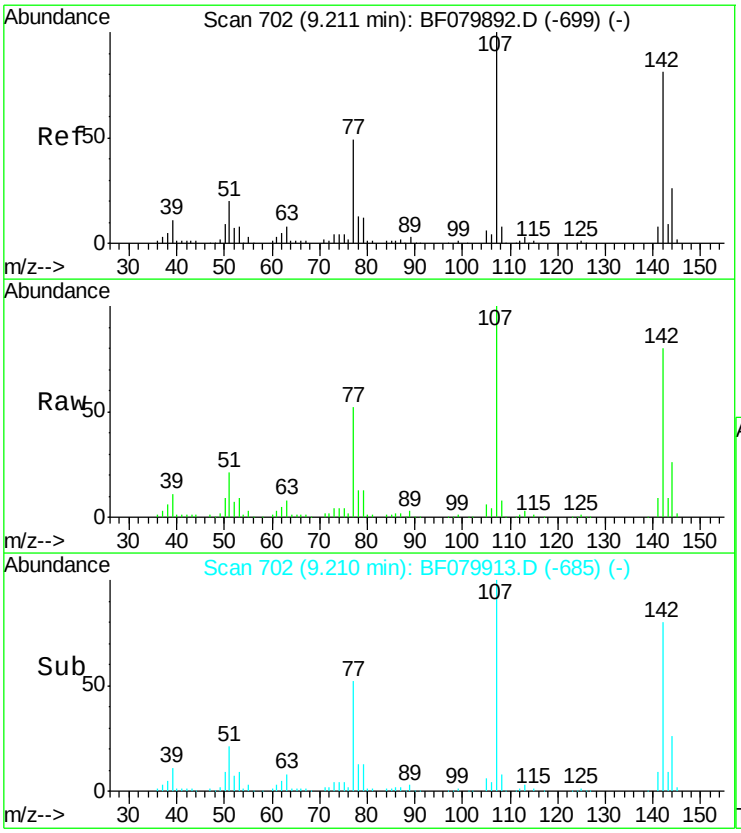
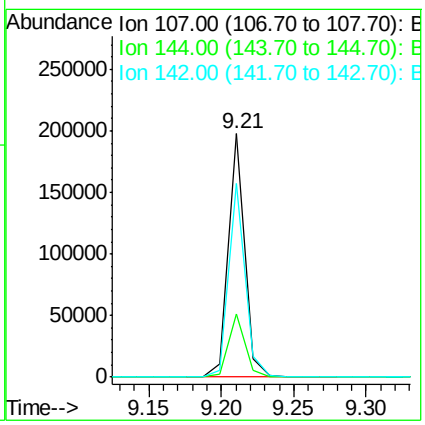


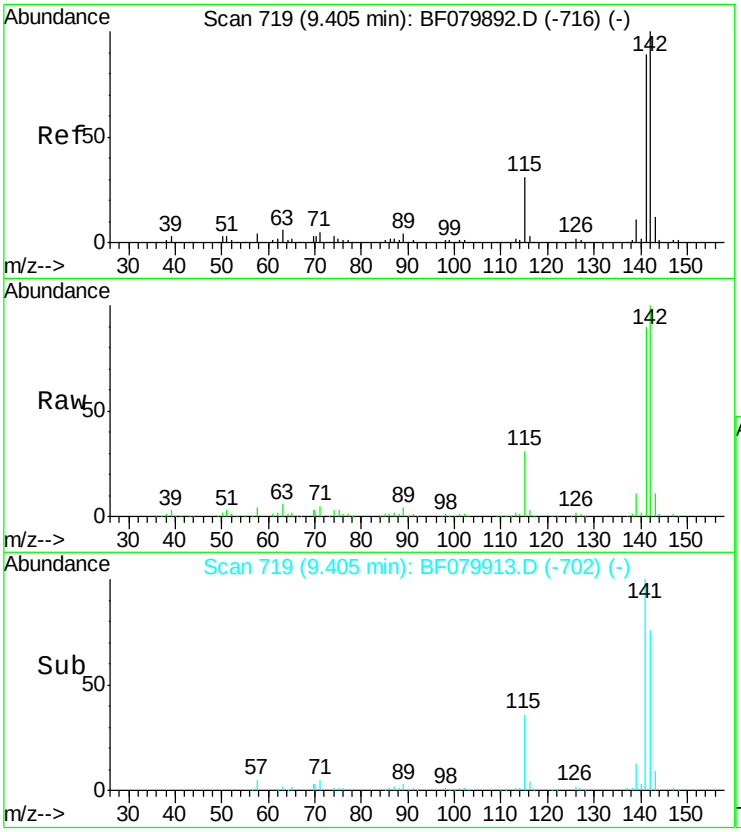




#36
4-Chloro-3-methylphenol
Concen: 46.72 ng
RT: 9.21 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:107 Resp: 153989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.9 | 21.0 | 31.6 |
| 142 | 79.7 | 64.5 | 96.7 |






#37
2-Methylnaphthalene
Concen: 45.29 ng
RT: 9.40 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:142 Resp: 364496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.1 | 70.9 | 106.3 |
| 115 | 31.3 | 25.0 | 37.4 |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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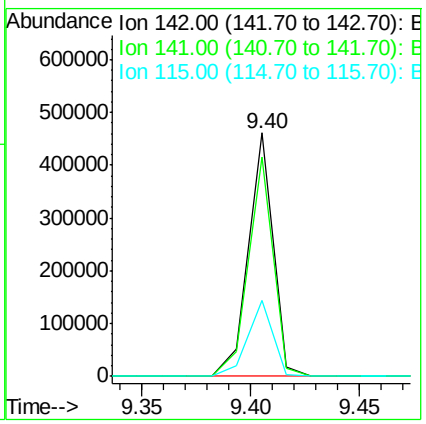
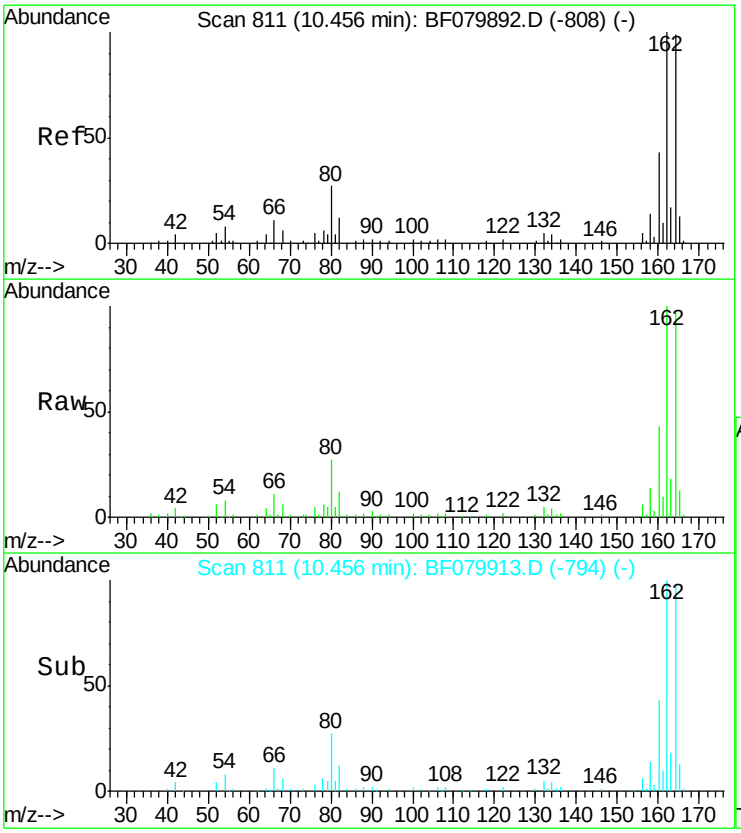
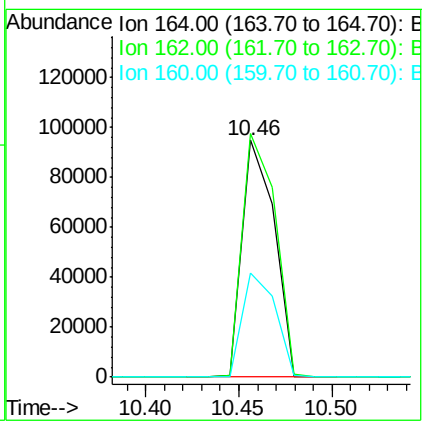


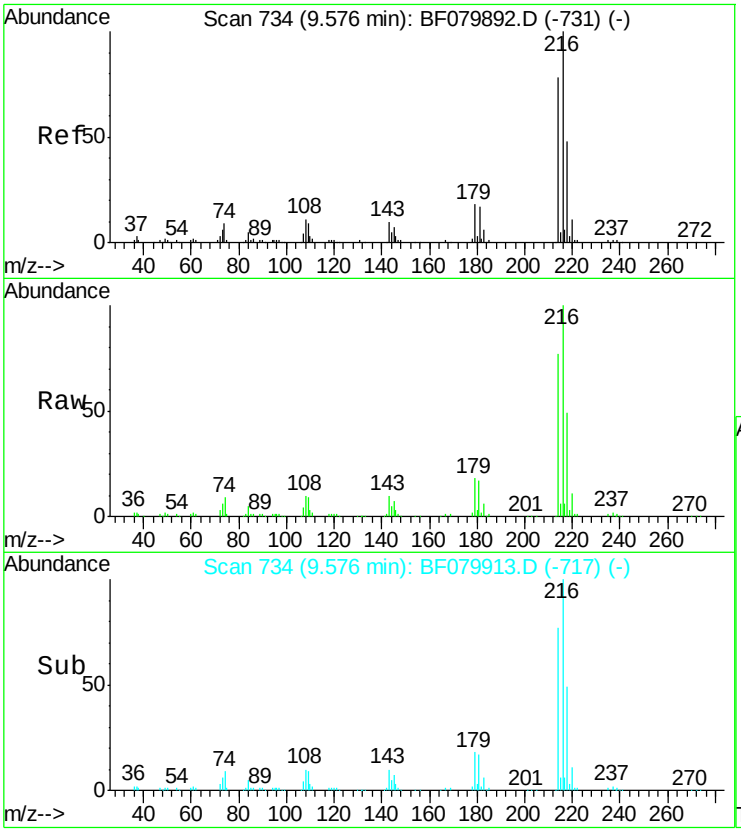




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.46 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:164 Resp: 113429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.7 | 80.7 | 121.1 |
| 160 | 43.7 | 34.6 | 51.8 |






#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.16 ng
RT: 9.58 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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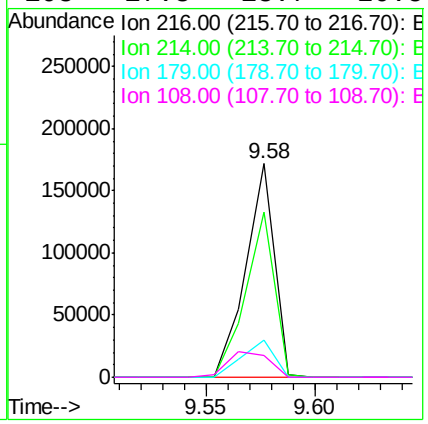
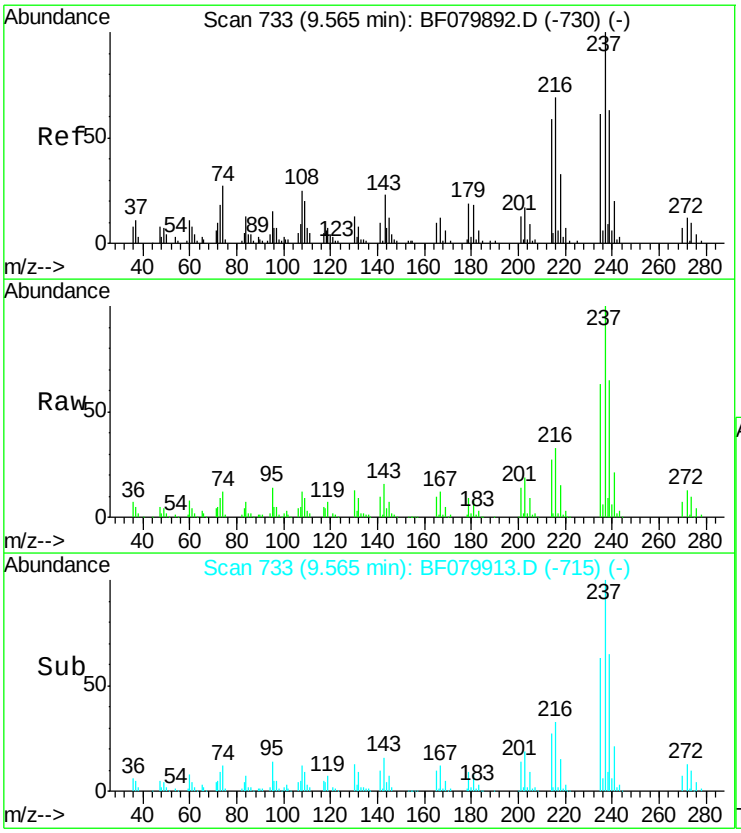
Tgt Ion:216 Resp: 156357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.0 | 63.5 | 95.3 |
| 179 | 19.9 | 15.8 | 23.8 |
| 108 | 17.3 | 13.7 | 20.5 |

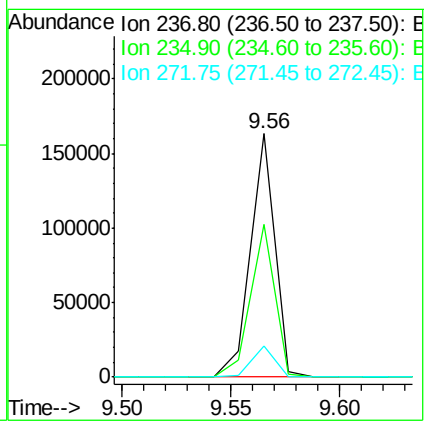


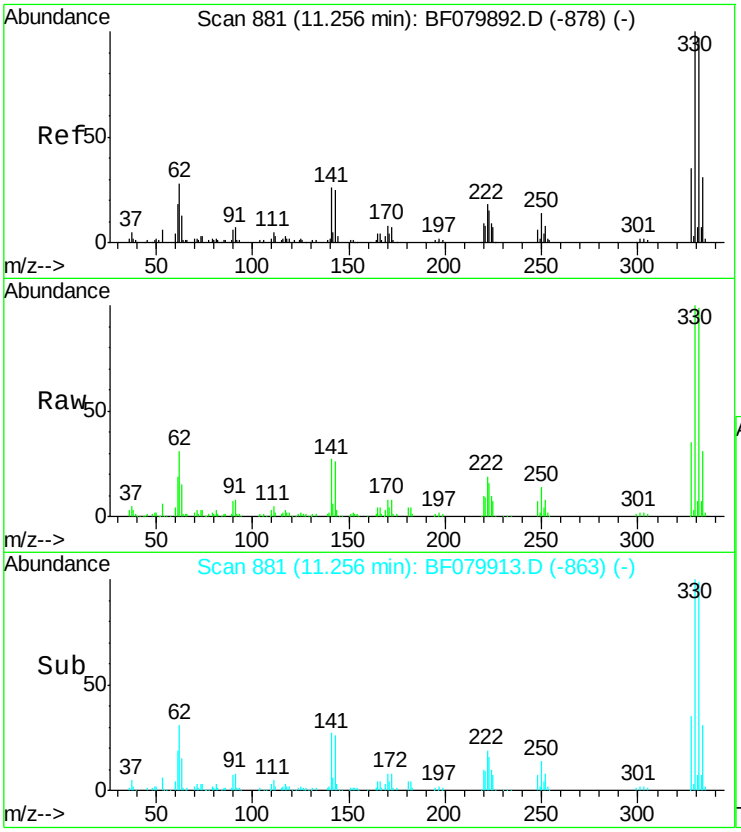




#40
Hexachlorocyclopentadiene
Concen: 76.42 ng
RT: 9.56 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:237 Resp: 126432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.7 | 41.3 | 81.3 |
| 272 | 12.7 | 0.0 | 32.2 |






#41
2,4,6-Tribromophenol
Concen: 135.81 ng
RT: 11.26 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:330 Resp: 155315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.3 | 77.3 | 115.9 |
| 141 | 34.0 | 26.8 | 40.2 |

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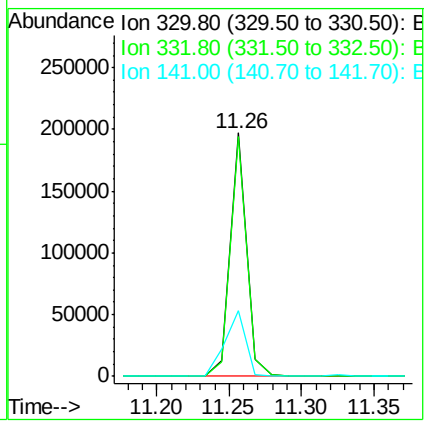
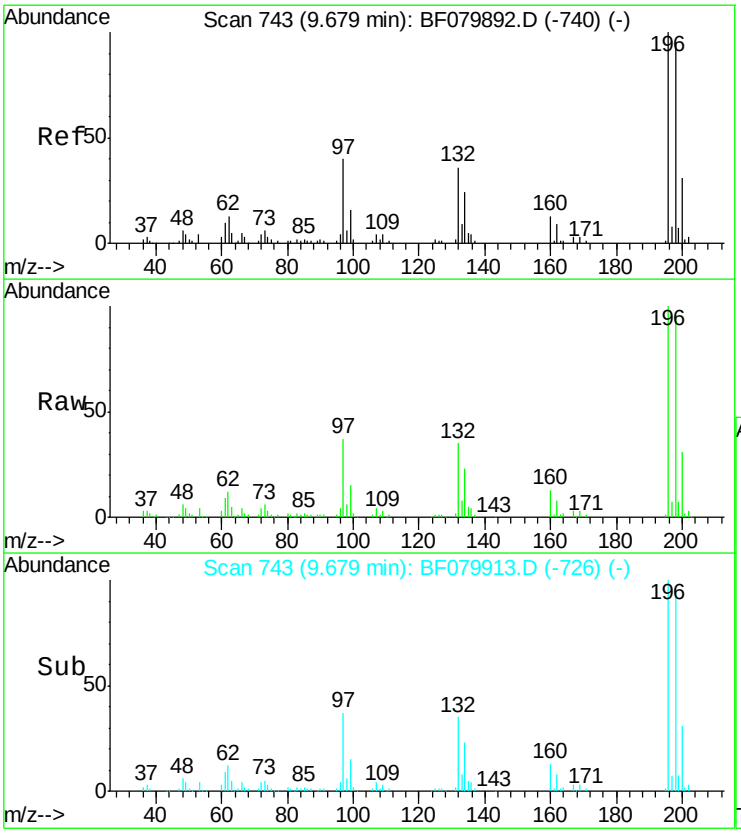
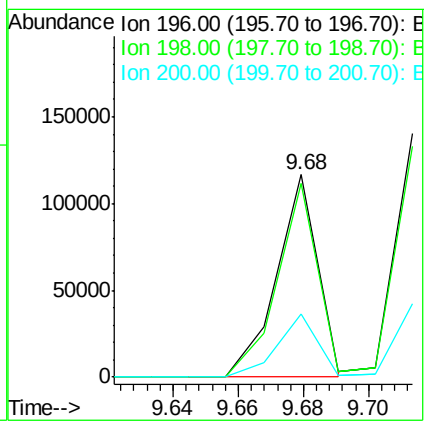


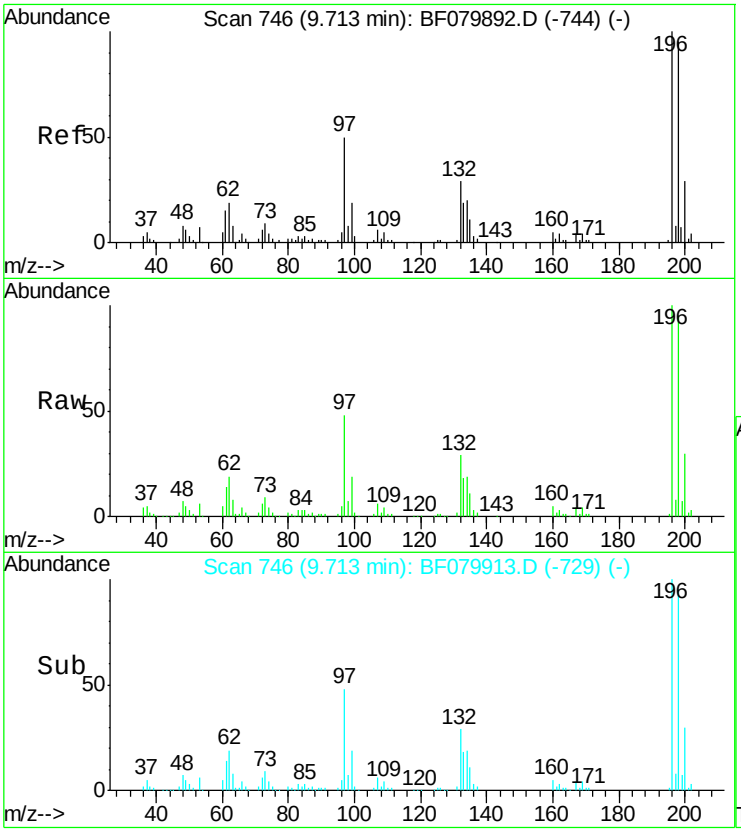




#42
2,4,6-Trichlorophenol
Concen: 43.63 ng
RT: 9.68 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:196 Resp: 102118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.5 | 76.0 | 114.0 |
| 200 | 31.3 | 24.9 | 37.3 |

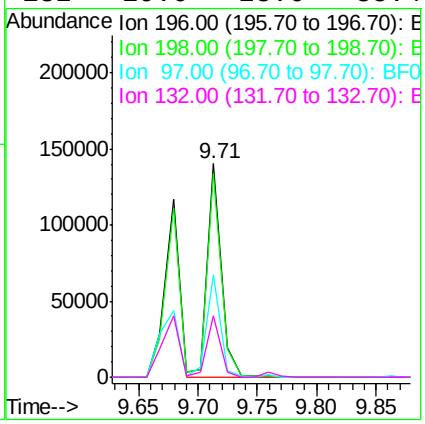





#43
2,4,5-Trichlorophenol
Concen: 44.70 ng
RT: 9.71 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:196 Resp: 115501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.0 | 76.0 | 114.0 |
| 97 | 48.2 | 39.4 | 59.2 |
| 132 | 29.0 | 23.6 | 35.4 |




**Instrument :**
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**ClientSampleId :**
FM1BMS

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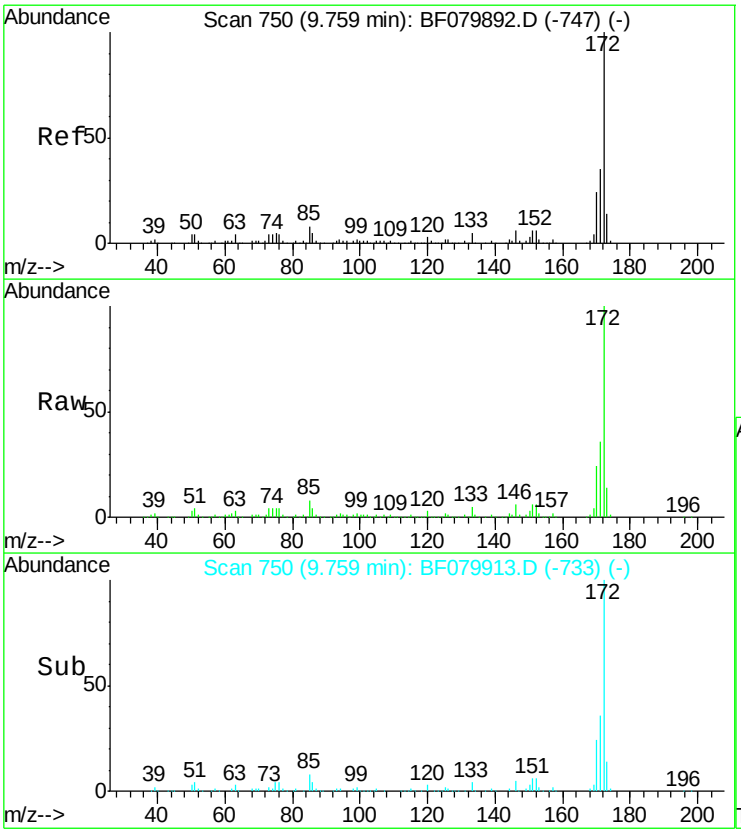
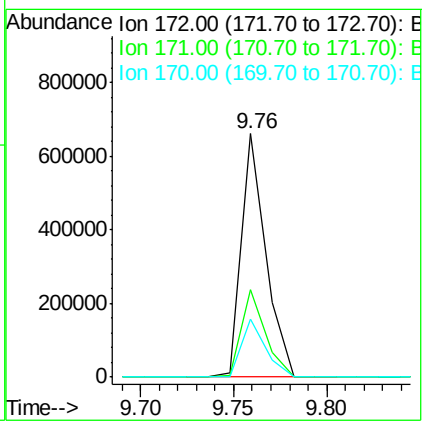
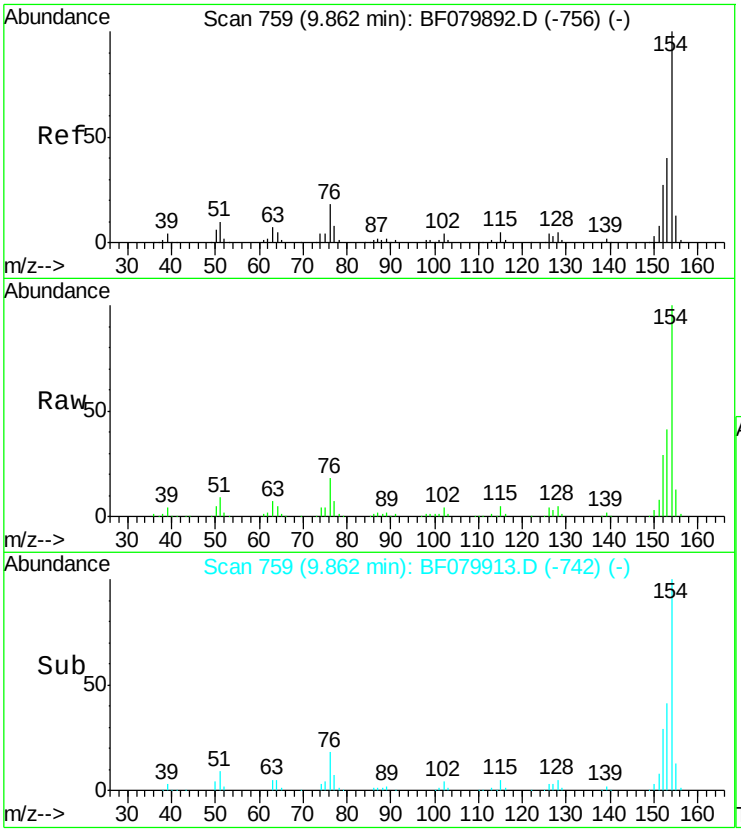



#44
2-Fluorobiphenyl
Concen: 74.16 ng
RT: 9.76 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:172 Resp: 600710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.9 | 28.3 | 42.5 |
| 170 | 23.9 | 19.0 | 28.4 |






#45
1,1'-Biphenyl
Concen: 43.36 ng
RT: 9.86 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:154 Resp: 398003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.7 | 20.1 | 60.1 |
| 76 | 18.1 | 0.0 | 38.4 |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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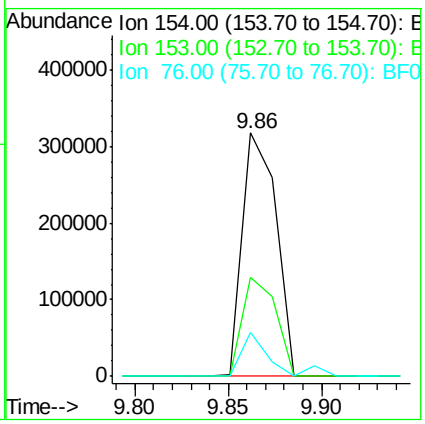
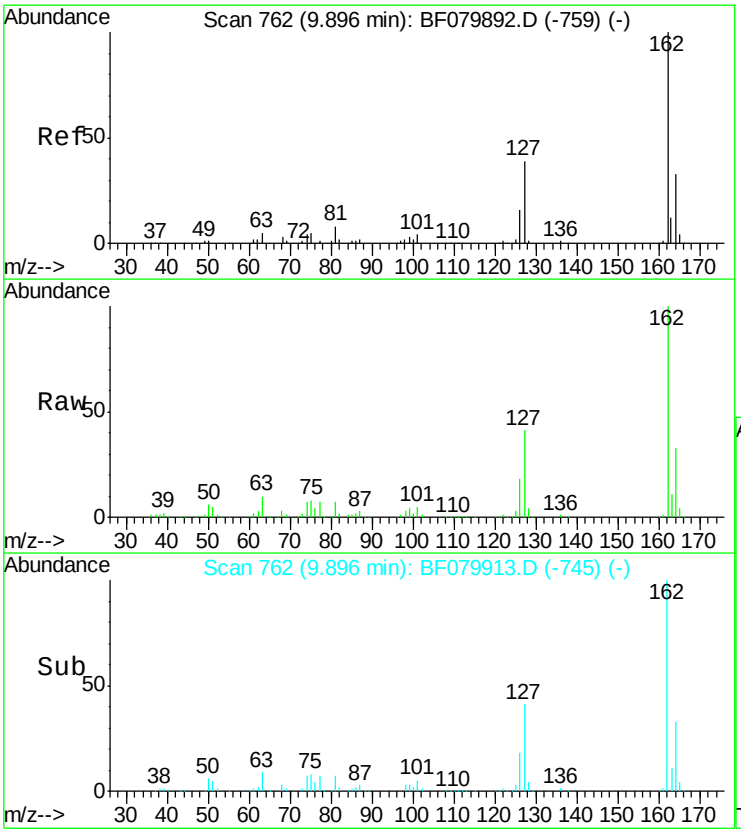
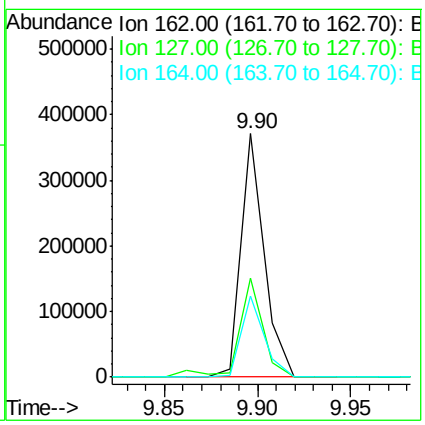


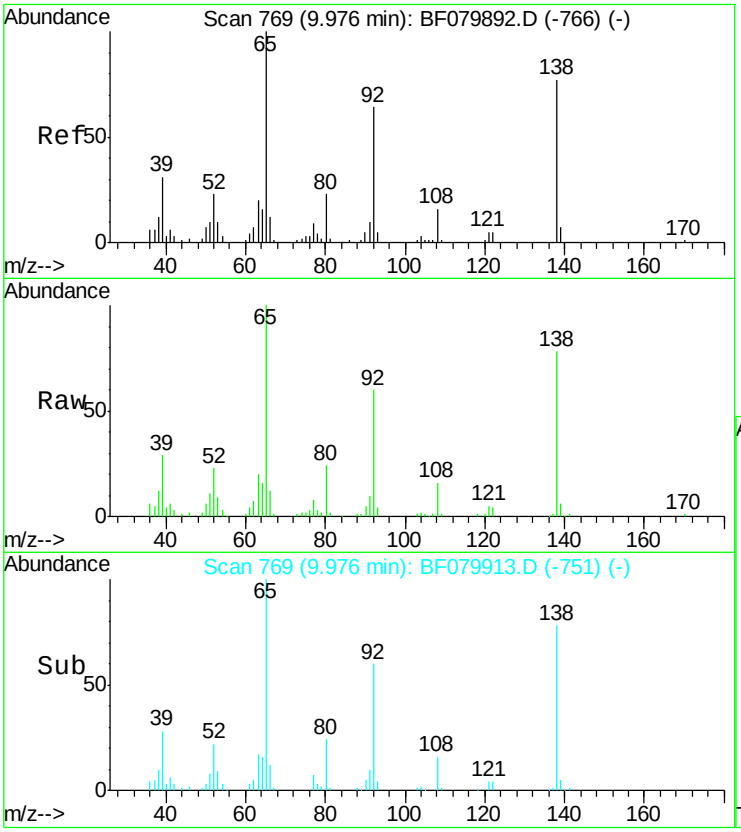




#46
2-Chloronaphthalene
Concen: 40.98 ng
RT: 9.90 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:162 Resp: 320286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 40.7 | 33.1 | 49.7 |
| 164 | 33.2 | 26.2 | 39.4 |






#47
2-Nitroaniline
Concen: 42.75 ng
RT: 9.98 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion: 65 Resp: 70897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 59.5 | 51.1 | 76.7 |
| 138 | 77.8 | 62.0 | 93.0 |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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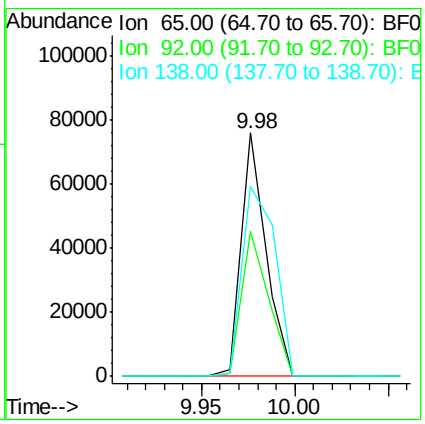
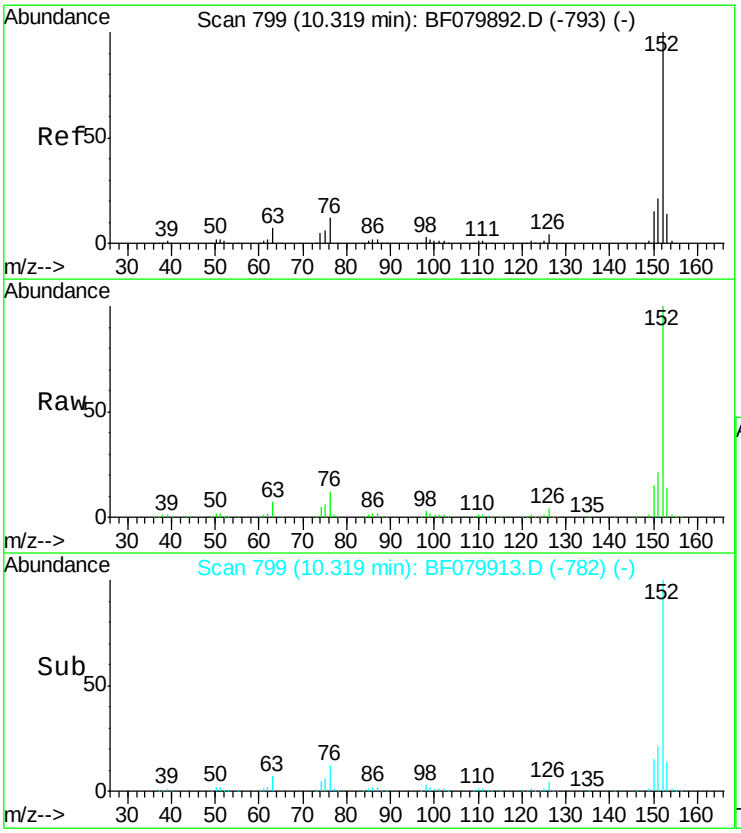
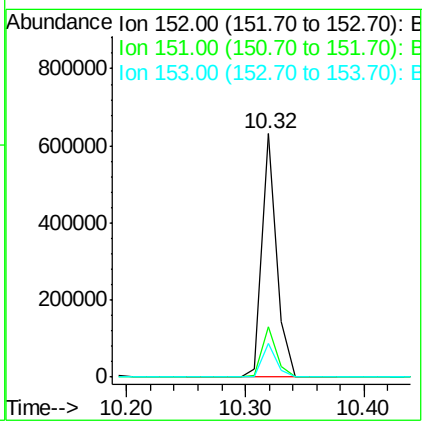


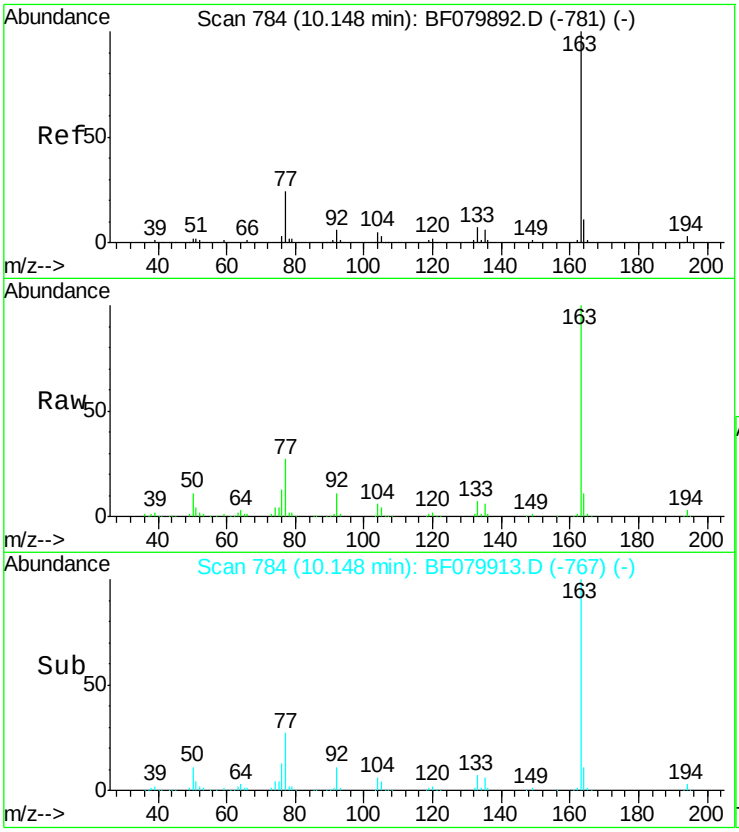




#48
Acenaphthylene
Concen: 41.54 ng
RT: 10.32 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:152 Resp: 548031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.8 | 16.8 | 25.2 |
| 153 | 13.6 | 10.8 | 16.2 |






#49
Dimethylphthalate
Concen: 44.34 ng
RT: 10.15 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:163 Resp: 402918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.2 | 2.6 | 4.0 |
| 164 | 11.0 | 8.6 | 12.8 |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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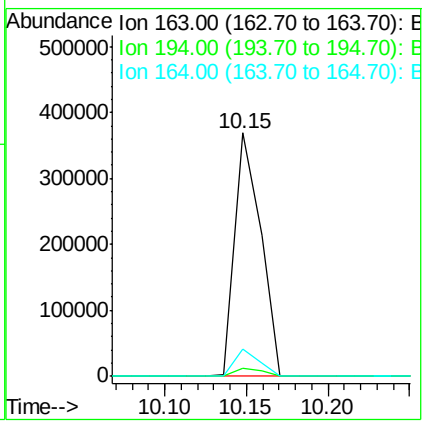
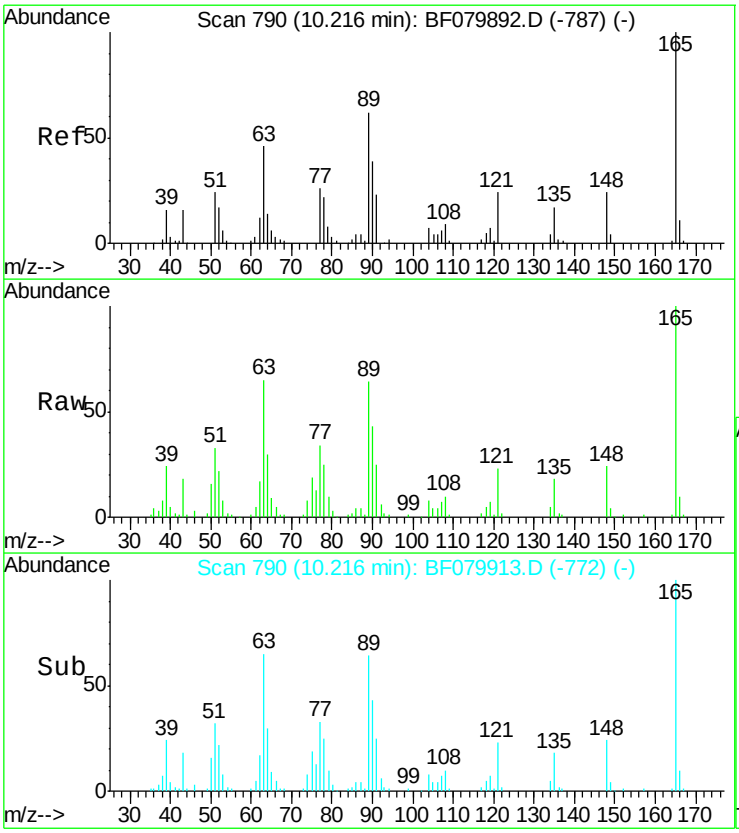
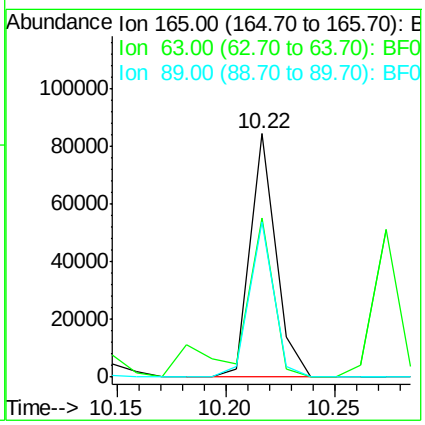


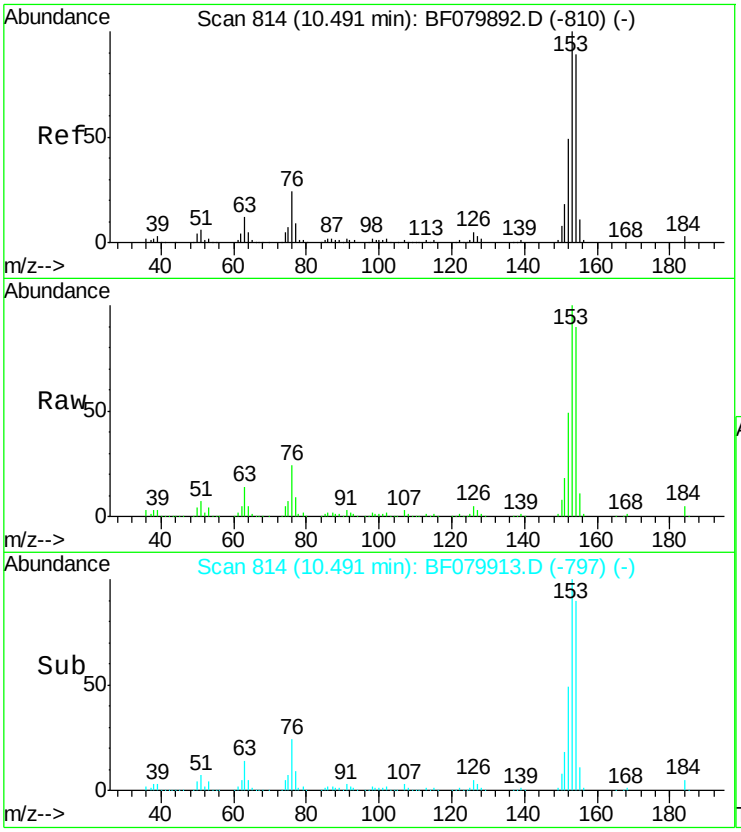




#50
2,6-Dinitrotoluene
Concen: 42.21 ng
RT: 10.22 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:165 Resp: 69449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 65.4 | 46.4 | 69.6 |
| 89 | 63.8 | 49.6 | 74.4 |






#51
Acenaphthene
Concen: 42.48 ng
RT: 10.49 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:154 Resp: 318541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 110.8 | 90.0 | 135.0 |
| 152 | 53.9 | 43.7 | 65.5 |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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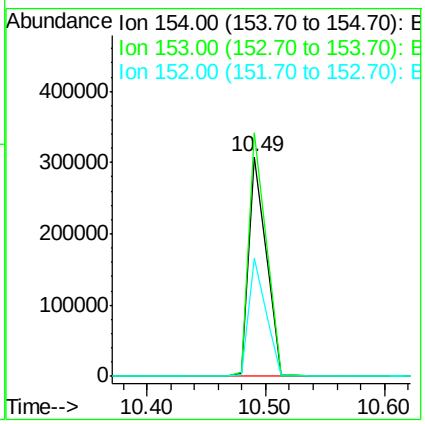
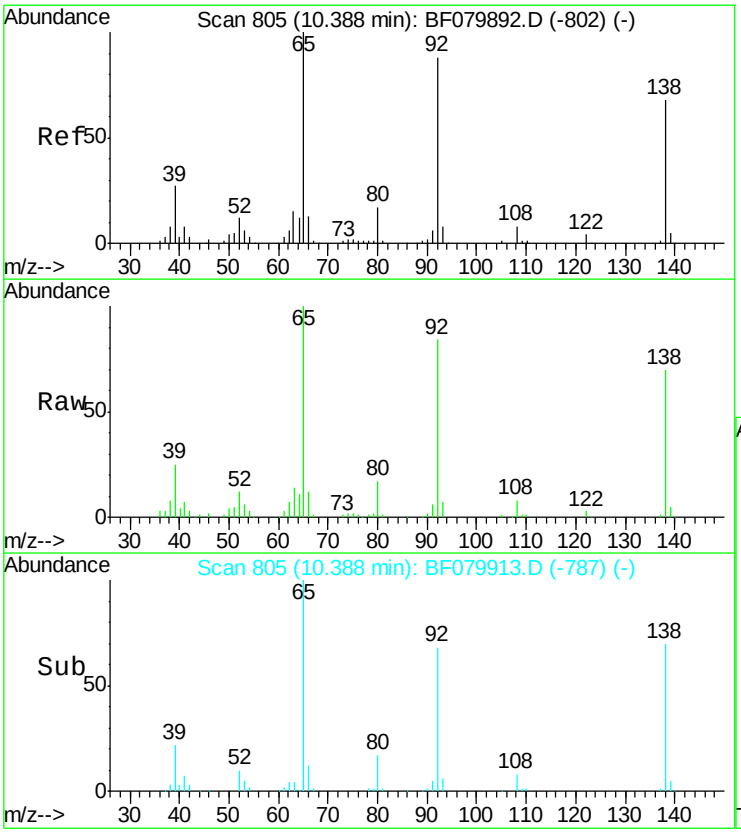
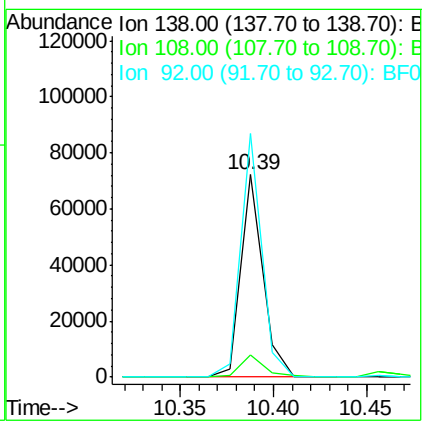


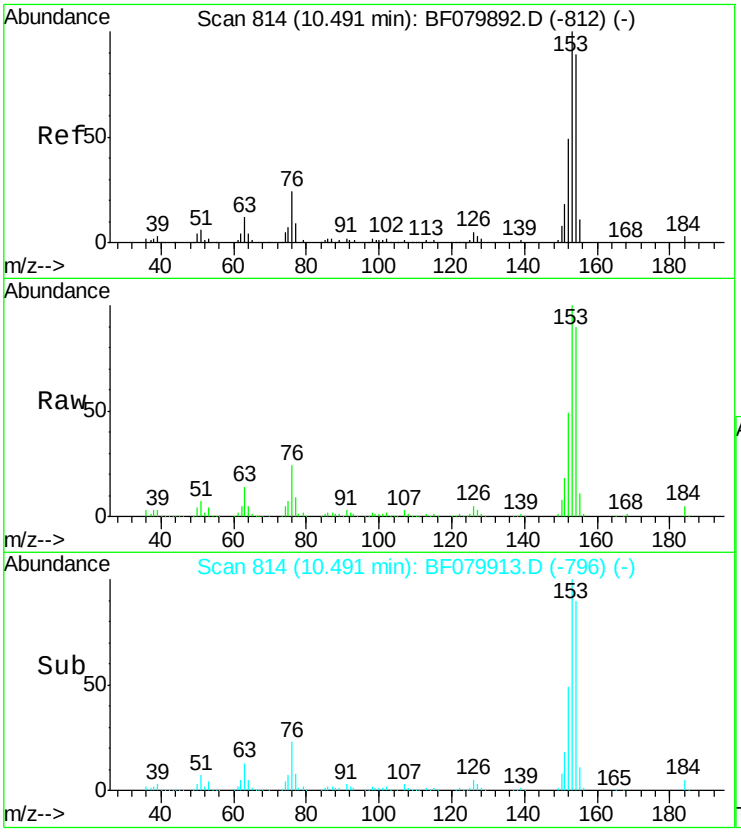




#52
3-Nitroaniline
Concen: 30.65 ng
RT: 10.39 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:138 Resp: 59635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.2 | 9.0 | 13.6 |
| 92 | 120.2 | 103.1 | 154.7 |






#53
2,4-Dinitrophenol
Concen: 67.39 ng
RT: 10.49 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:184 Resp: 20267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 307.6 | 357.0 | 535.4# |
| 154 | 1994.3 | 2660.2 | 3990 |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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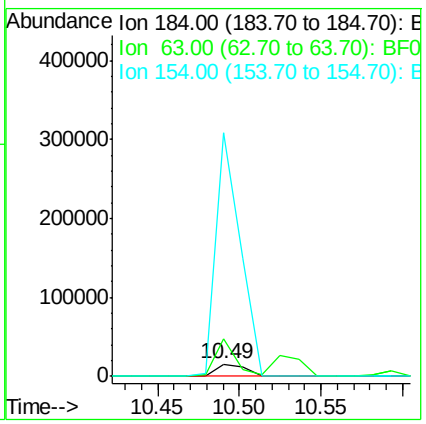
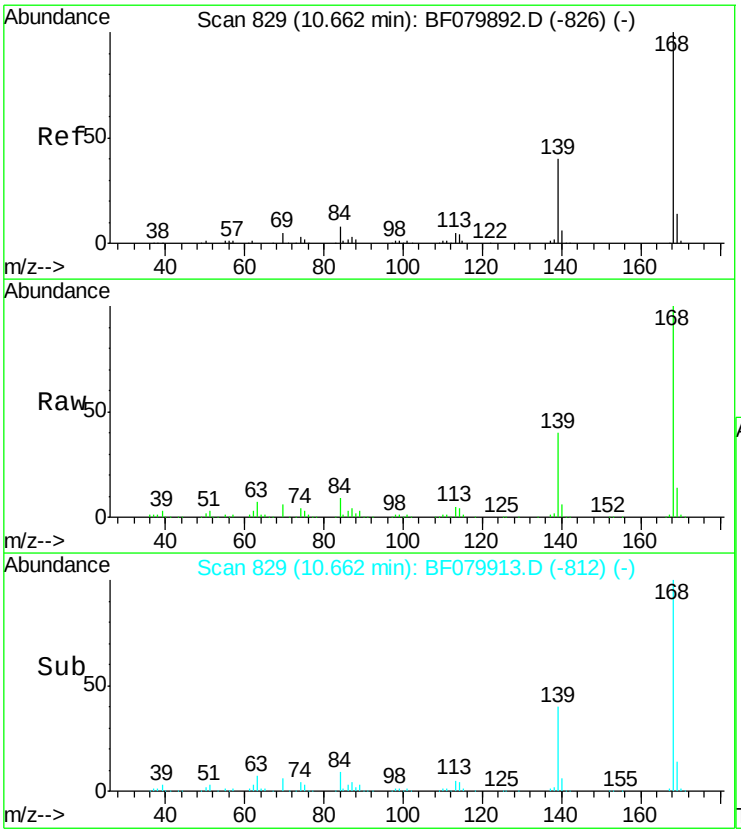
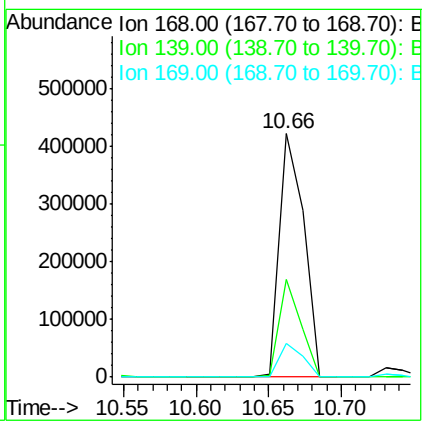


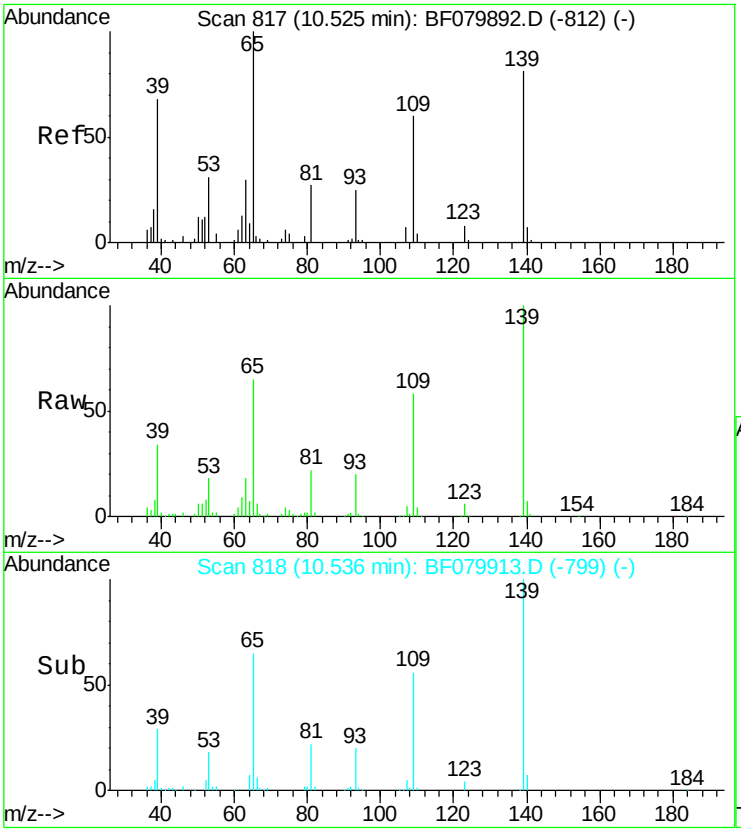




#54
Dibenzofuran
Concen: 44.90 ng
RT: 10.66 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:168 Resp: 491906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 40.0 | 32.2 | 48.2 |
| 169 | 14.1 | 11.0 | 16.6 |






#55
4-Nitrophenol
Concen: 95.45 ng
RT: 10.54 min Scan# 818
Delta R.T. 0.01 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:139 Resp: 139188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 57.8 | 54.8 | 94.8 |
| 65 | 65.2 | 104.8 | 144.8# |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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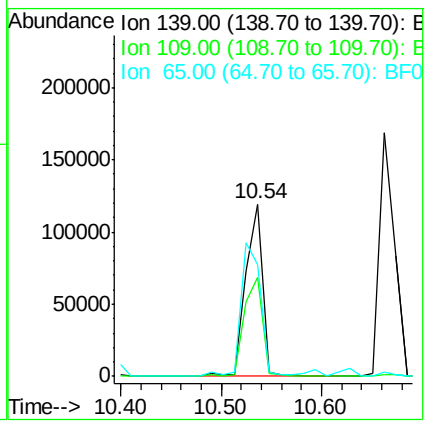
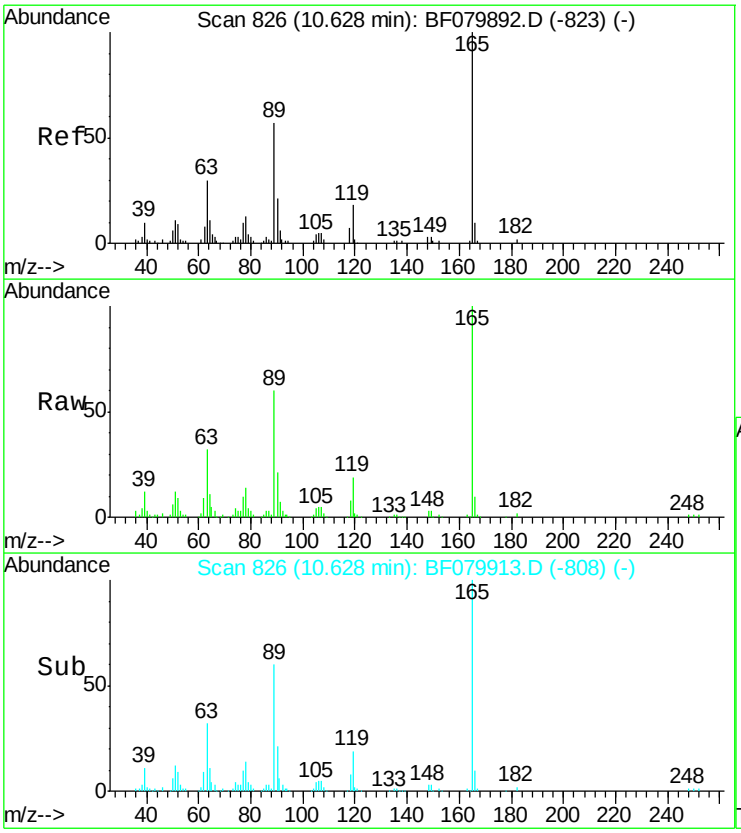
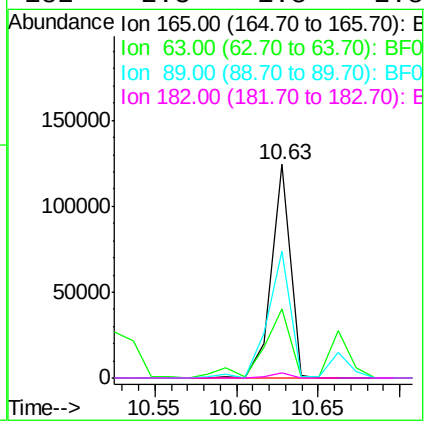


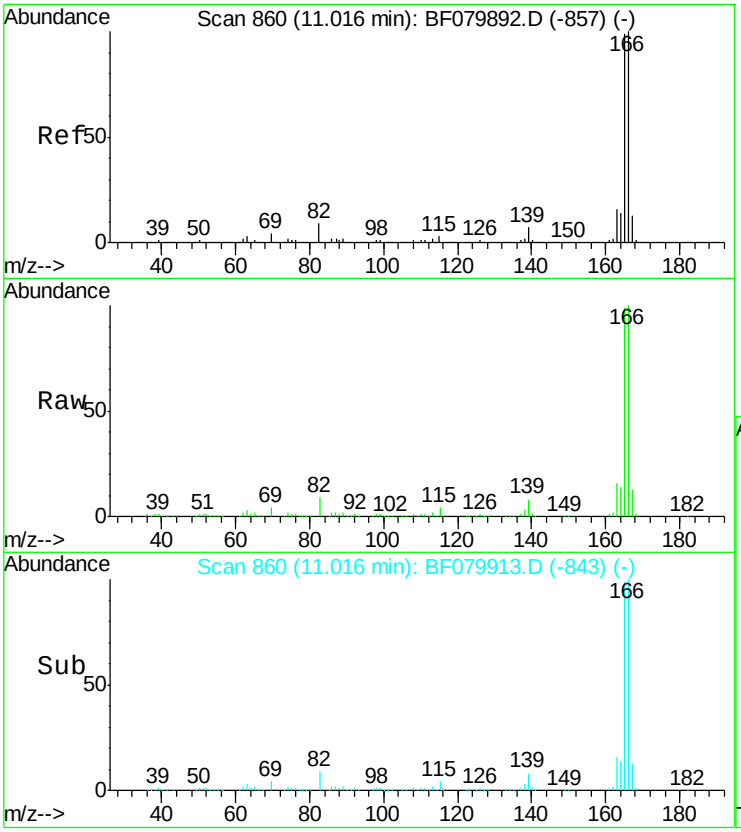




#56
2,4-Dinitrotoluene
Concen: 45.96 ng
RT: 10.63 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:165 Resp: 100653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 32.1 | 24.3 | 36.5 |
| 89 | 59.6 | 45.4 | 68.2 |
| 182 | 2.3 | 1.8 | 2.8 |






#57
Fluorene
Concen: 45.12 ng
RT: 11.02 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:166 Resp: 430867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.6 | 79.0 | 118.6 |
| 167 | 13.4 | 10.3 | 15.5 |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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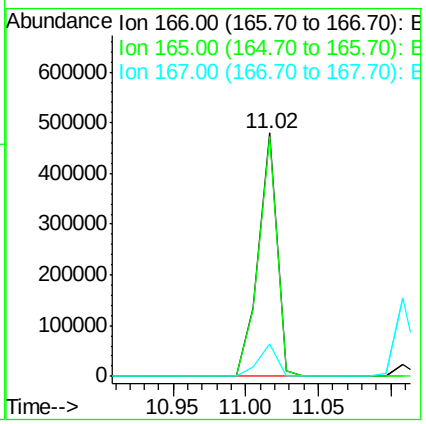
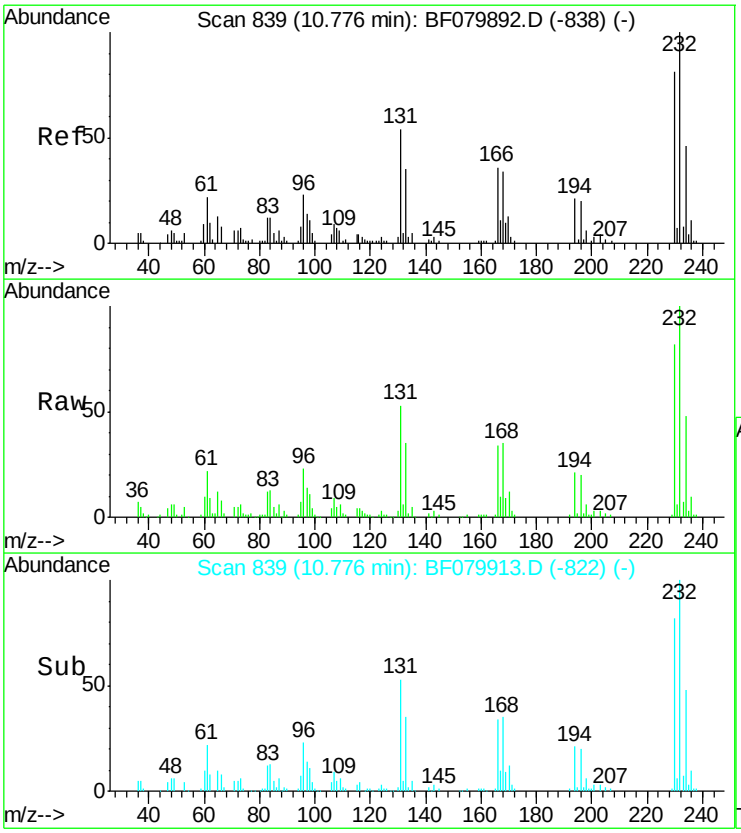
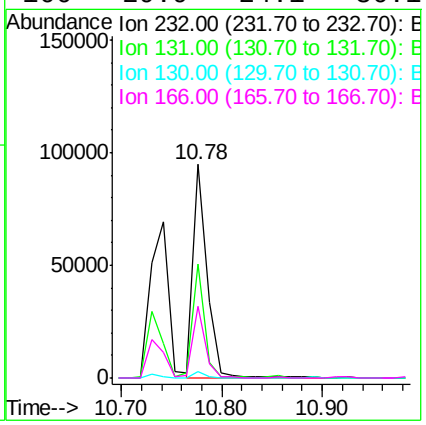


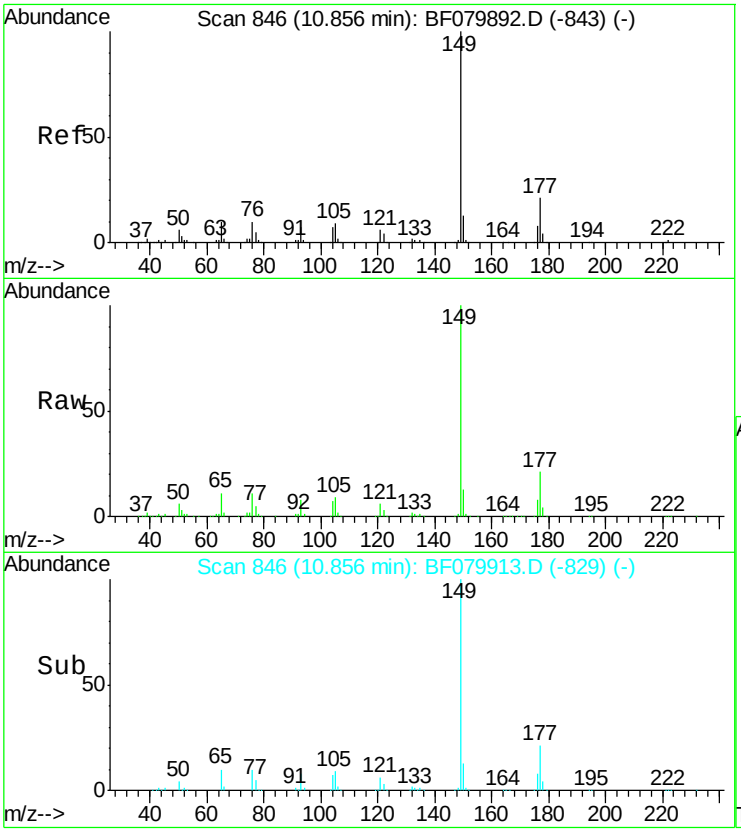




#58
2,3,4,6-Tetrachlorophenol
Concen: 47.34 ng
RT: 10.78 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:232 Resp: 92715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 45.4 | 35.4 | 53.2 |
| 130 | 2.3 | 1.5 | 2.3# |
| 166 | 29.9 | 24.1 | 36.1 |






#59
Diethylphthalate
Concen: 41.97 ng
RT: 10.86 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:149 Resp: 381326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.5 | 16.9 | 25.3 |
| 150 | 13.0 | 10.4 | 15.6 |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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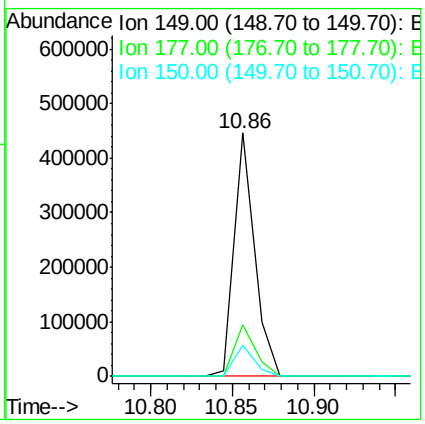
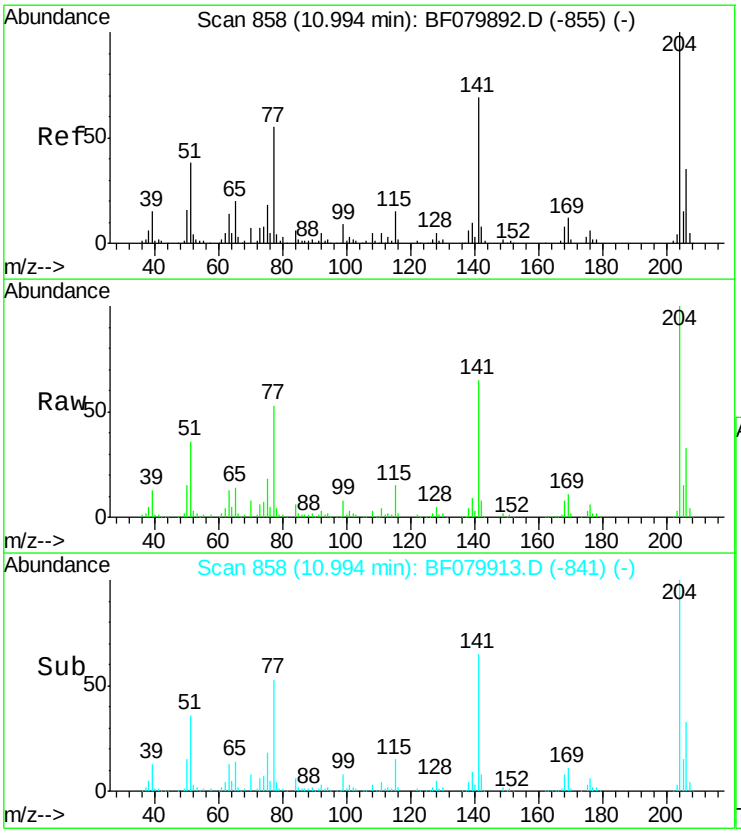
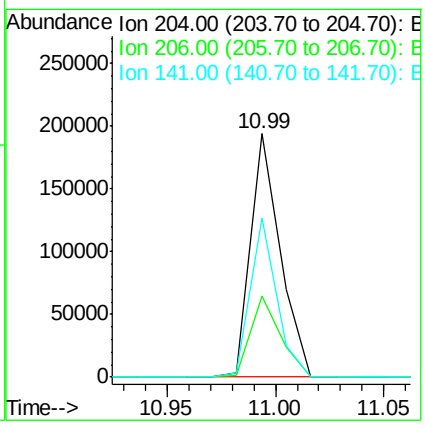


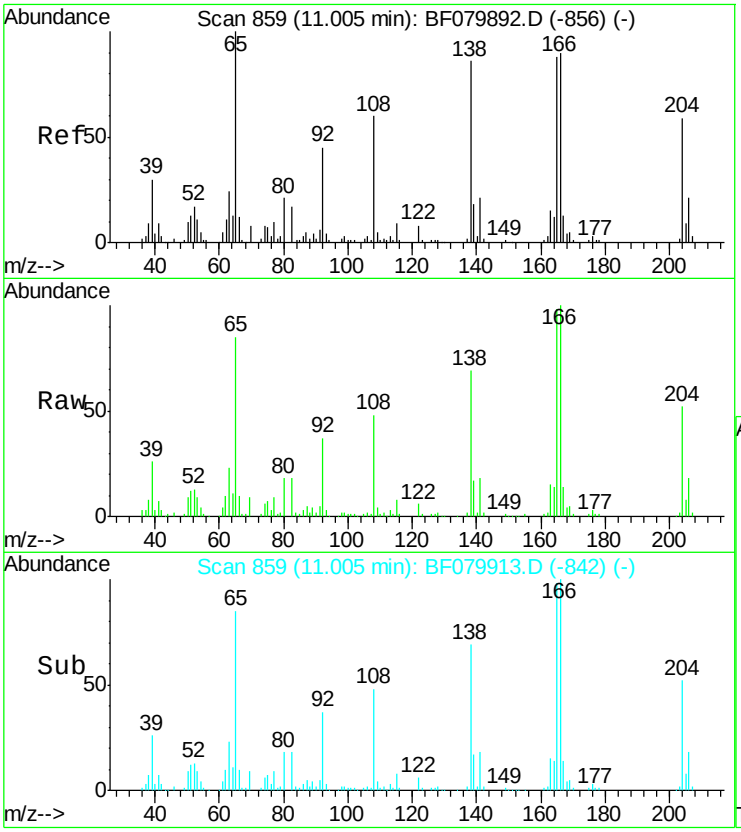




#60
4-Chlorophenyl-phenylether
Concen: 42.98 ng
RT: 10.99 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:204 Resp: 183318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.3 | 28.0 | 42.0 |
| 141 | 65.4 | 55.3 | 82.9 |






#61
4-Nitroaniline
Concen: 38.32 ng
RT: 11.00 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:138 Resp: 79716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 53.5 | 32.9 | 72.9 |
| 108 | 69.6 | 50.4 | 90.4 |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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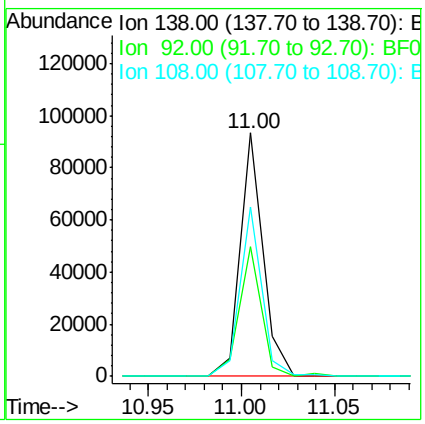
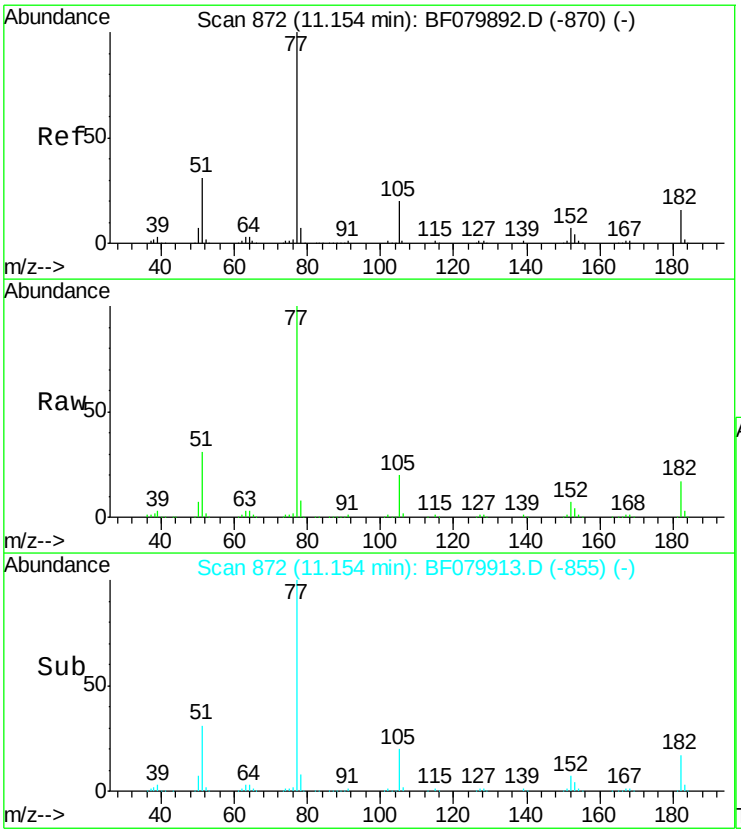
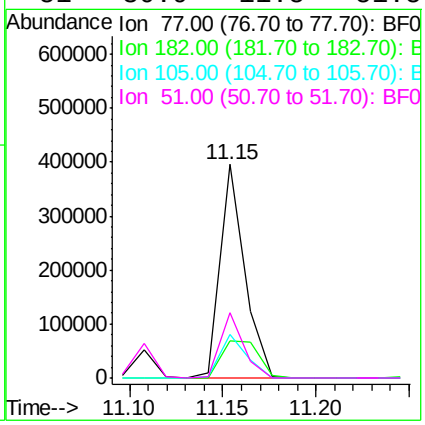


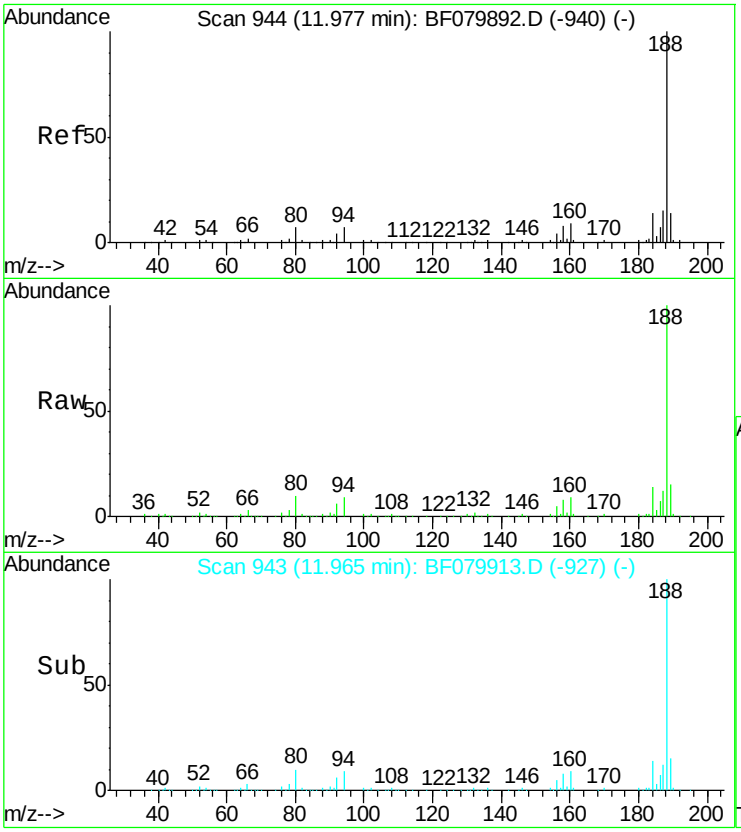




#62
Azobenzene
Concen: 41.66 ng
RT: 11.15 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion: 77 Resp: 364268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 17.4 | 0.0 | 35.9 |
| 105 | 20.2 | 0.1 | 40.1 |
| 51 | 30.9 | 11.5 | 51.5 |






#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.97 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:188 Resp: 253256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.5 | 5.8 | 8.8# |
| 80 | 10.3 | 5.9 | 8.9# |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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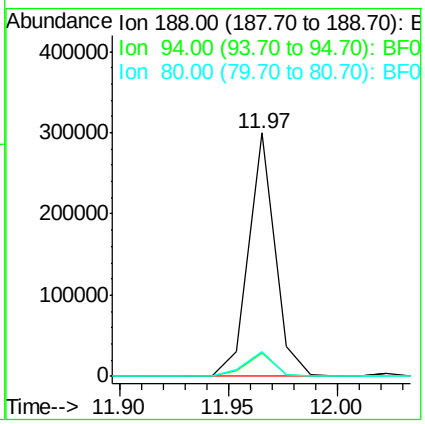
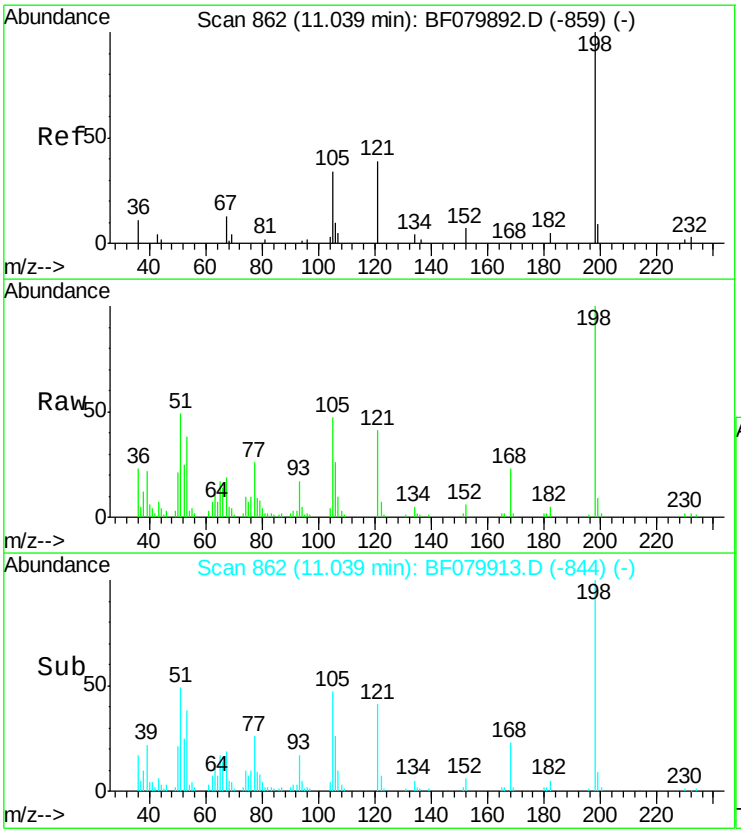
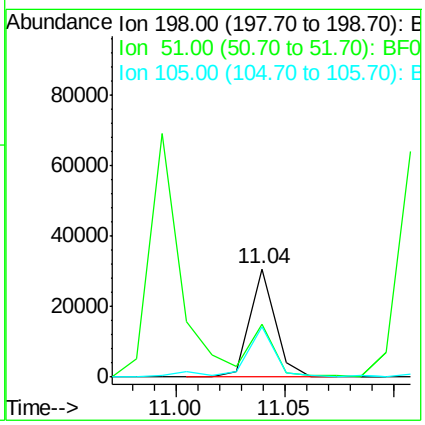


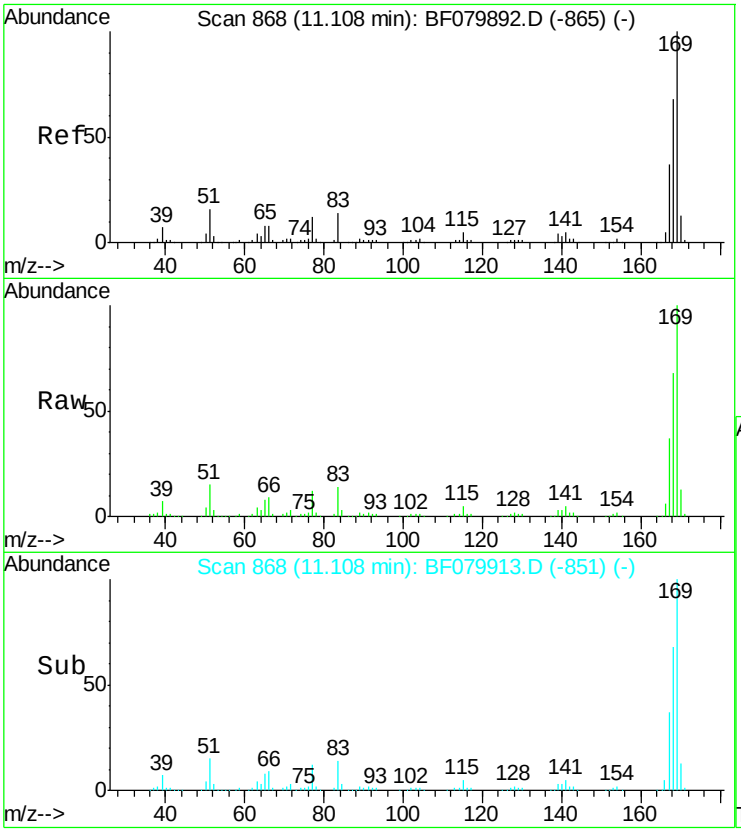




#64
4,6-Dinitro-2-methylphenol
Concen: 44.53 ng
RT: 11.04 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:198 Resp: 24929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 49.0 | 22.1 | 62.1 |
| 105 | 47.1 | 22.7 | 62.7 |






#65
n-Nitrosodiphenylamine
Concen: 41.85 ng
RT: 11.11 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:169 Resp: 342136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.7 | 54.2 | 81.4 |
| 167 | 36.9 | 29.7 | 44.5 |

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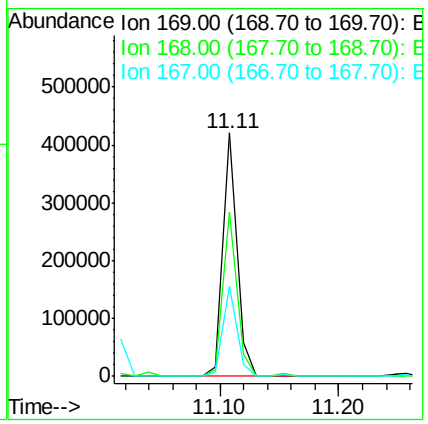
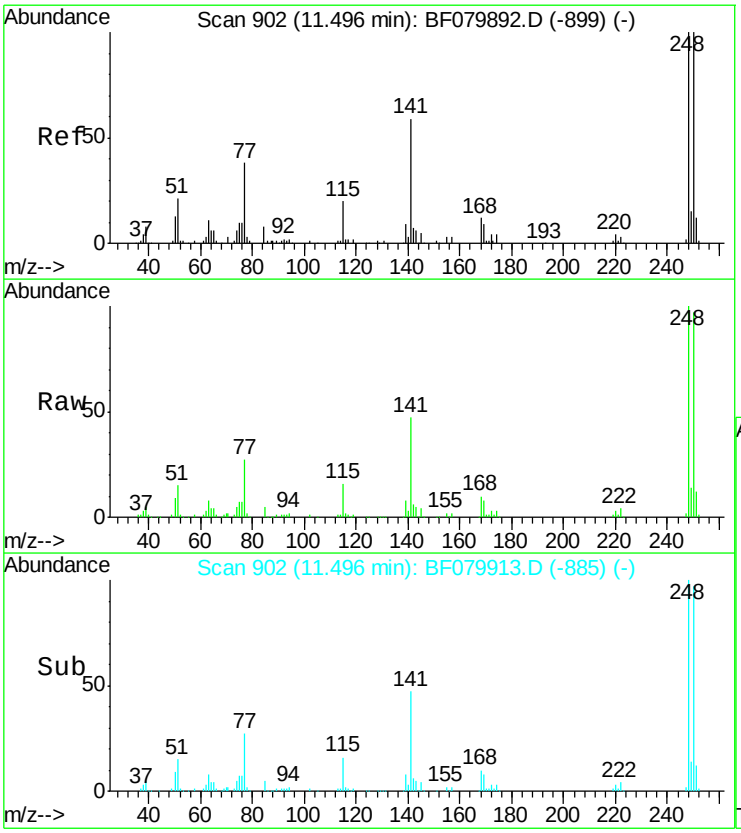
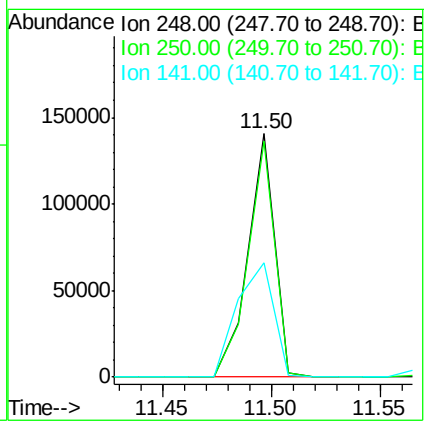


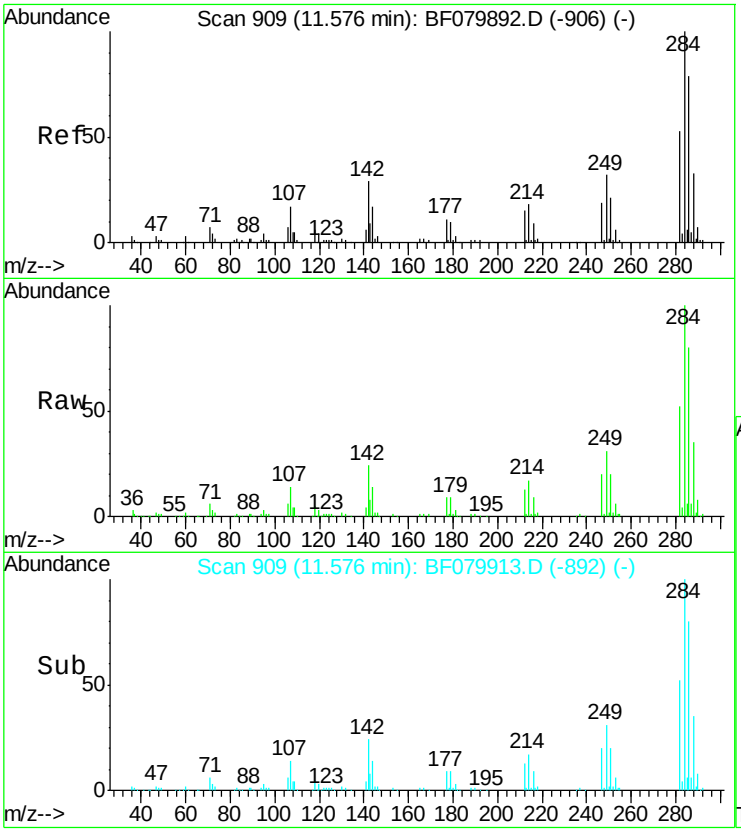




#66
4-Bromophenyl-phenylether
Concen: 42.14 ng
RT: 11.50 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:248 Resp: 119593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.9 | 80.2 | 120.2 |
| 141 | 47.1 | 46.9 | 70.3 |






#67
Hexachlorobenzene
Concen: 41.86 ng
RT: 11.58 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:284 Resp: 129602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 23.7 | 23.5 | 35.3 |
| 249 | 31.5 | 25.3 | 37.9 |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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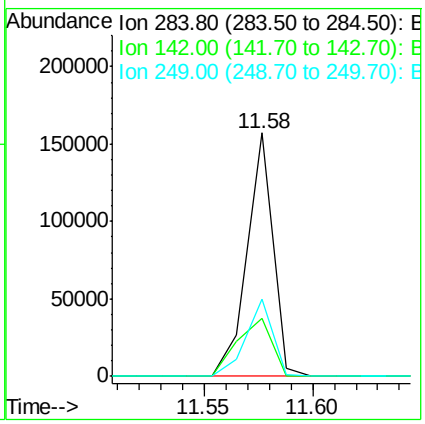
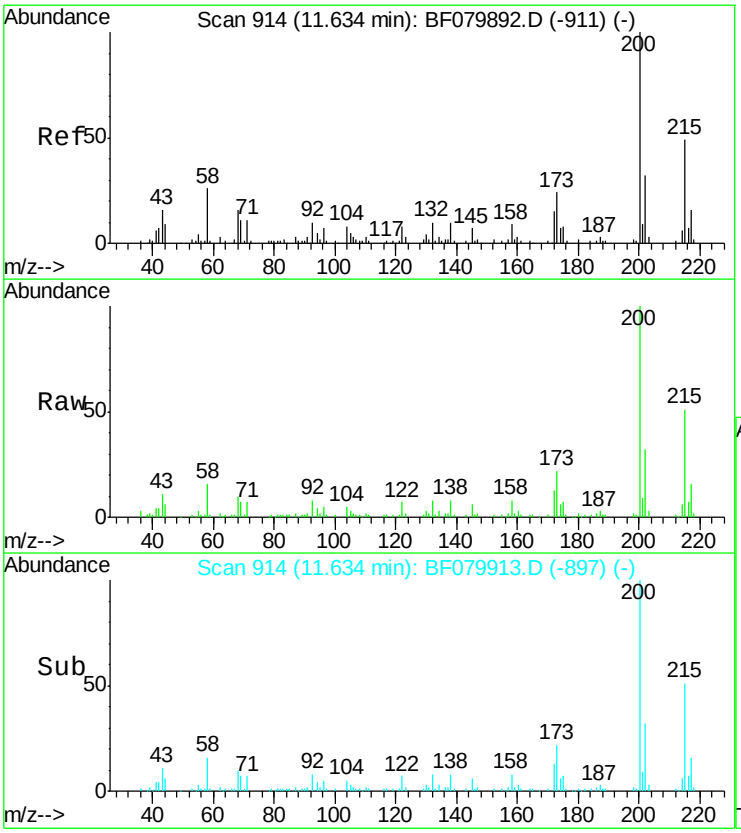
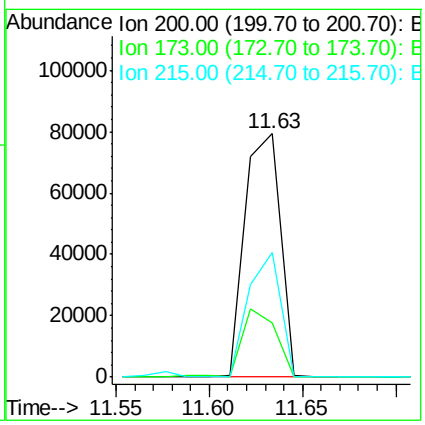


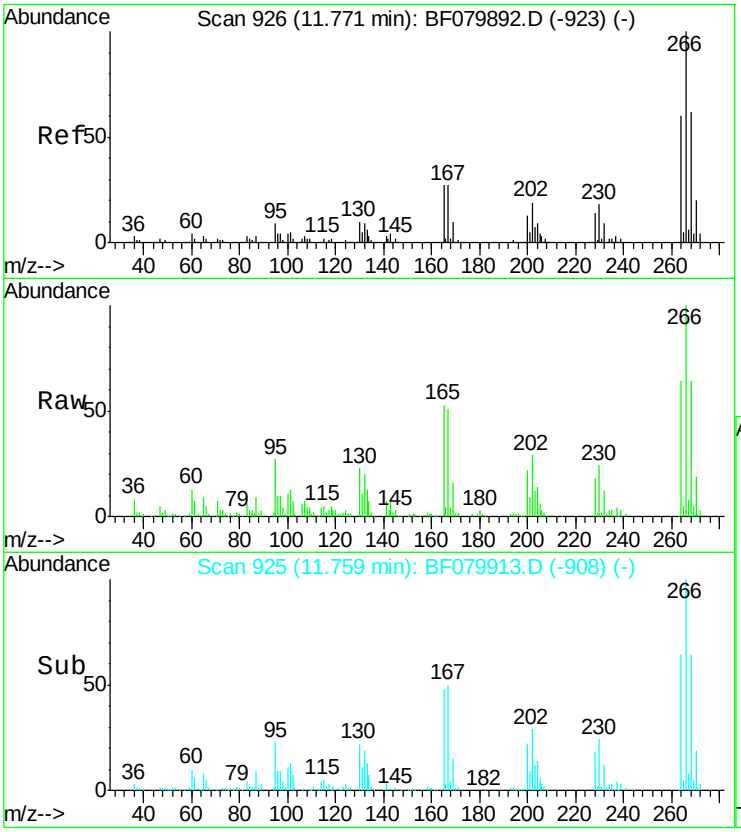




#68
Atrazine
Concen: 41.51 ng
RT: 11.63 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:200 Resp: 104450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 22.2 | 4.1 | 44.1 |
| 215 | 51.2 | 29.2 | 69.2 |






#69
Pentachlorophenol
Concen: 82.27 ng
RT: 11.76 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:266 Resp: 119781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.1 | 49.4 | 74.2 |
| 264 | 64.0 | 47.7 | 71.5 |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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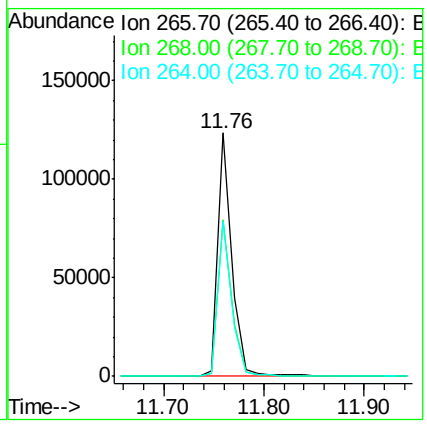
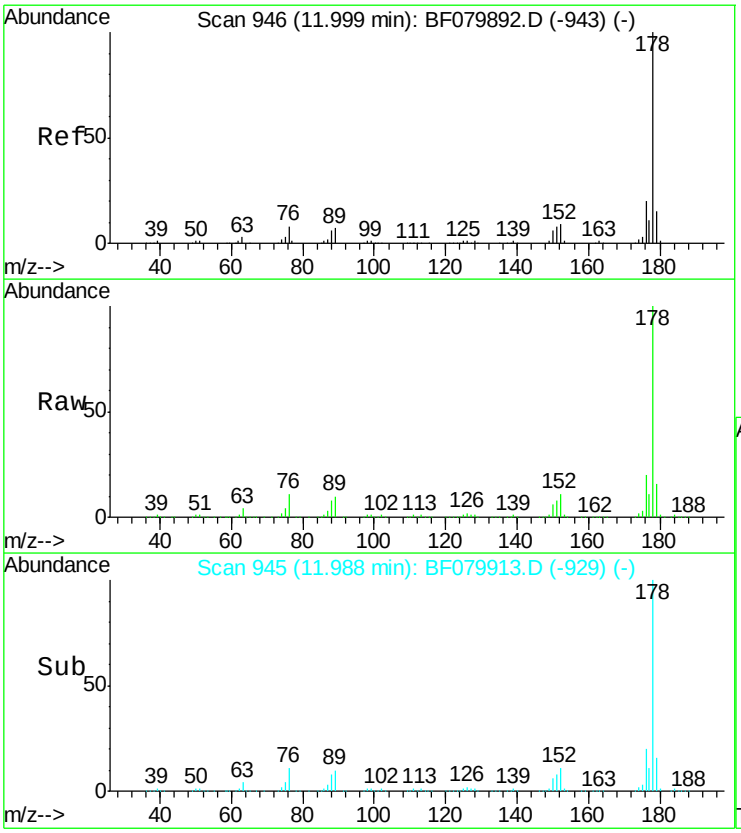
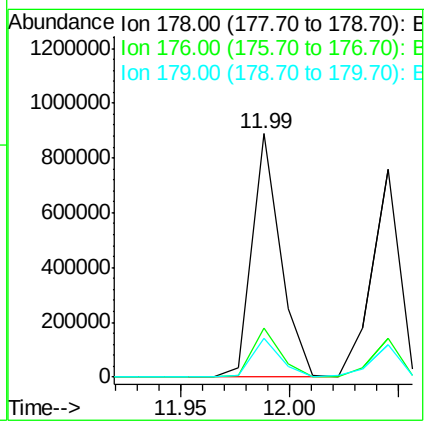


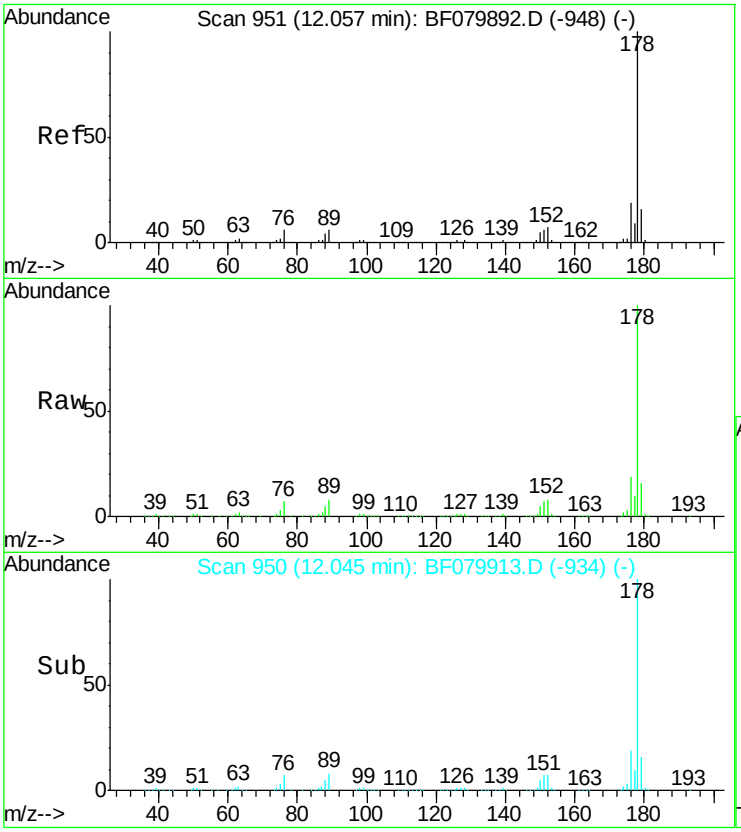




#70
Phenanthrene
Concen: 53.69 ng
RT: 11.99 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:178 Resp: 810304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.4 | 15.9 | 23.9 |
| 179 | 16.2 | 12.3 | 18.5 |






#71
Anthracene
Concen: 45.92 ng
RT: 12.05 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:178 Resp: 670701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.9 | 15.2 | 22.8 |
| 179 | 15.7 | 12.5 | 18.7 |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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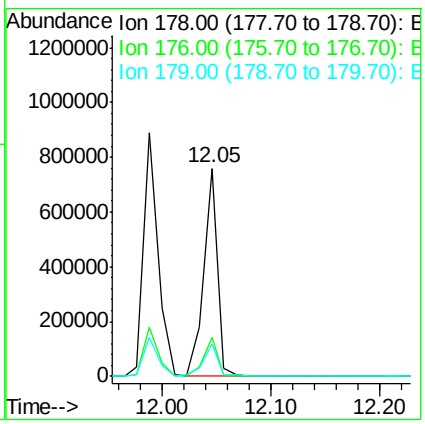
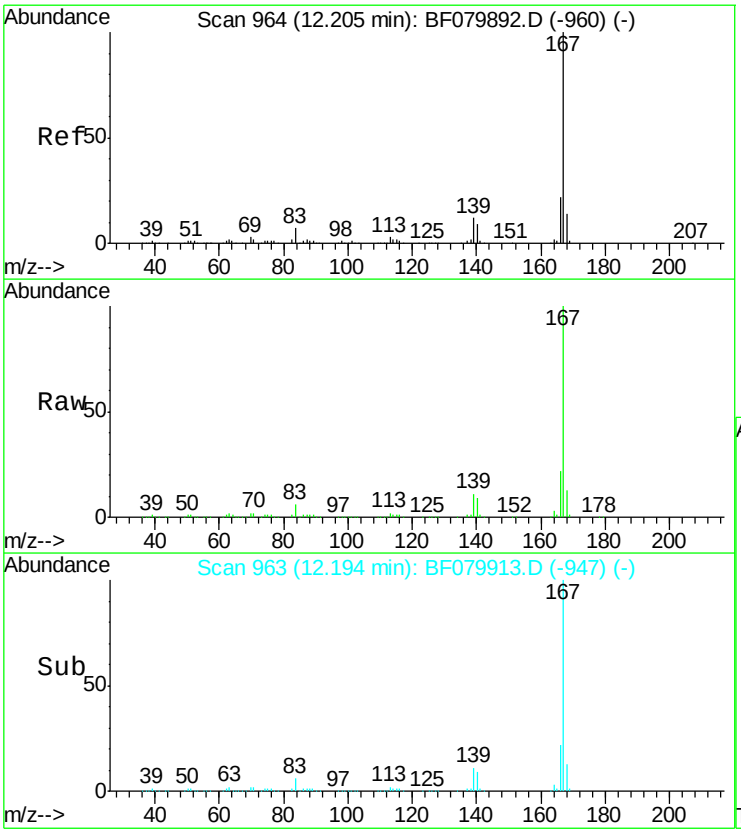
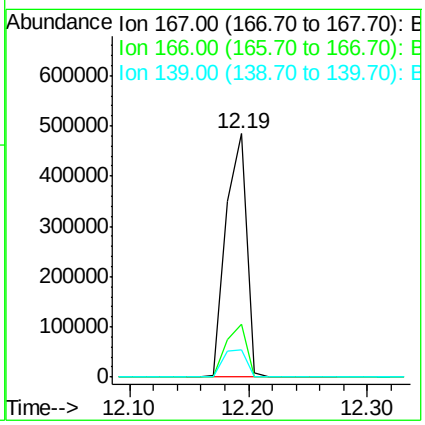


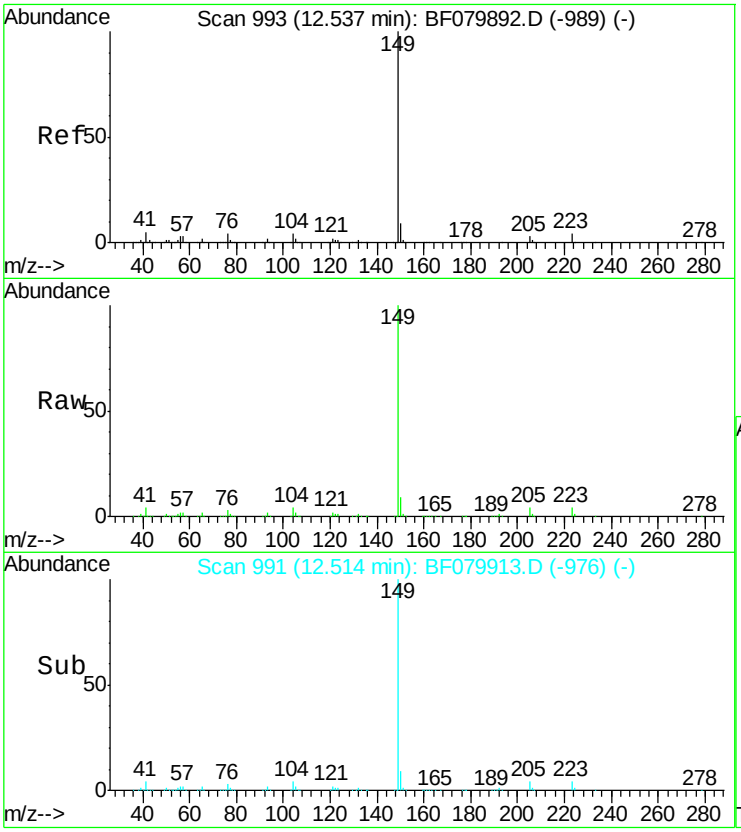




#72
Carbazole
Concen: 41.13 ng
RT: 12.19 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:167 Resp: 582668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.0 | 17.4 | 26.2 |
| 139 | 11.4 | 9.5 | 14.3 |






#73
Di-n-butylphthalate
Concen: 41.02 ng
RT: 12.51 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:149 Resp: 632977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.0 | 7.2 | 10.8 |
| 104 | 3.5 | 3.3 | 4.9 |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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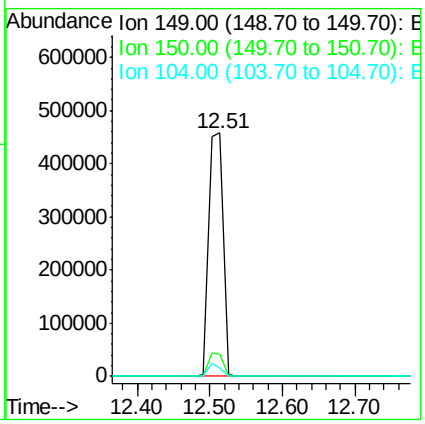
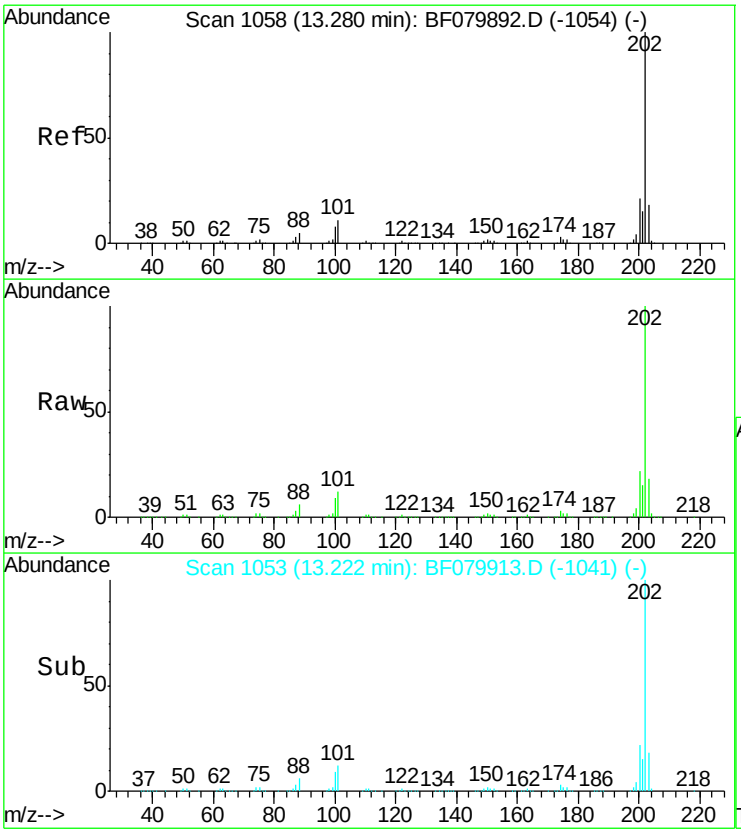
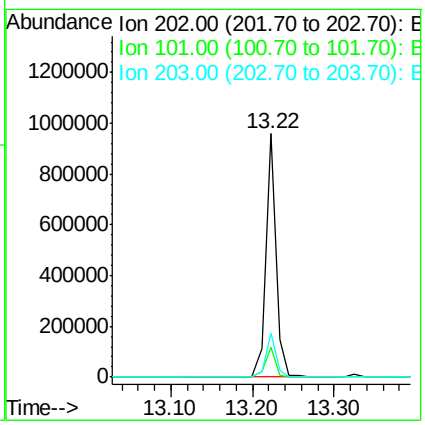


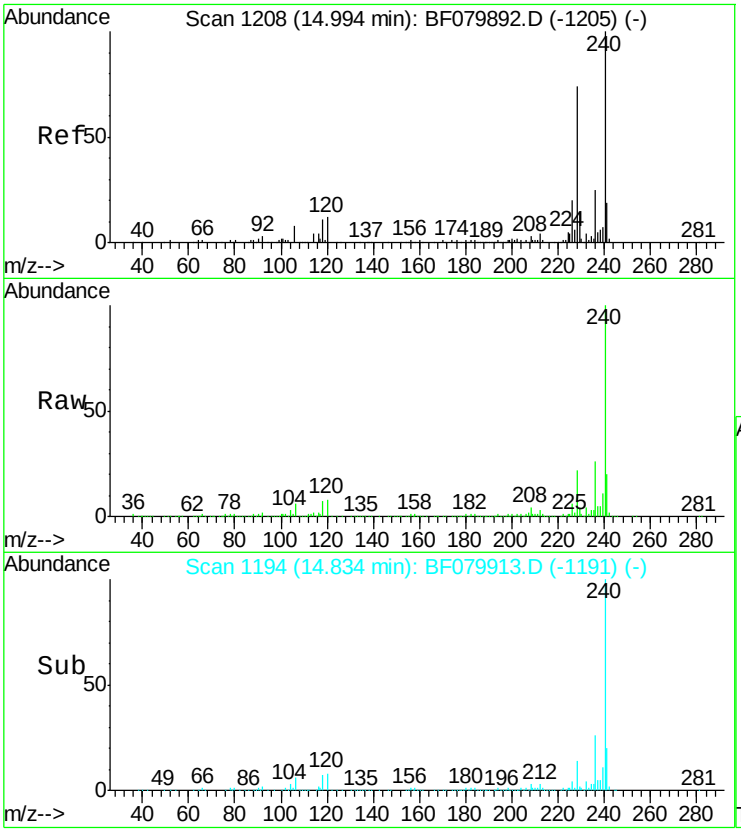




#74
Fluoranthene
Concen: 51.30 ng
RT: 13.22 min Scan# 1053
Delta R.T. -0.06 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:202 Resp: 856024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.2 | 0.0 | 30.7 |
| 203 | 18.0 | 0.0 | 38.0 |






#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.83 min Scan# 1194
Delta R.T. -0.16 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:240 Resp: 280732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.1 | 9.4 | 14.2# |
| 236 | 25.7 | 19.6 | 29.4 |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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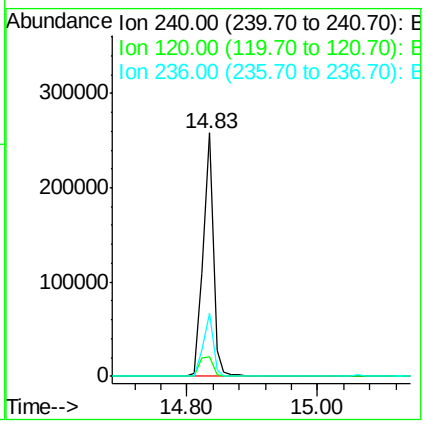
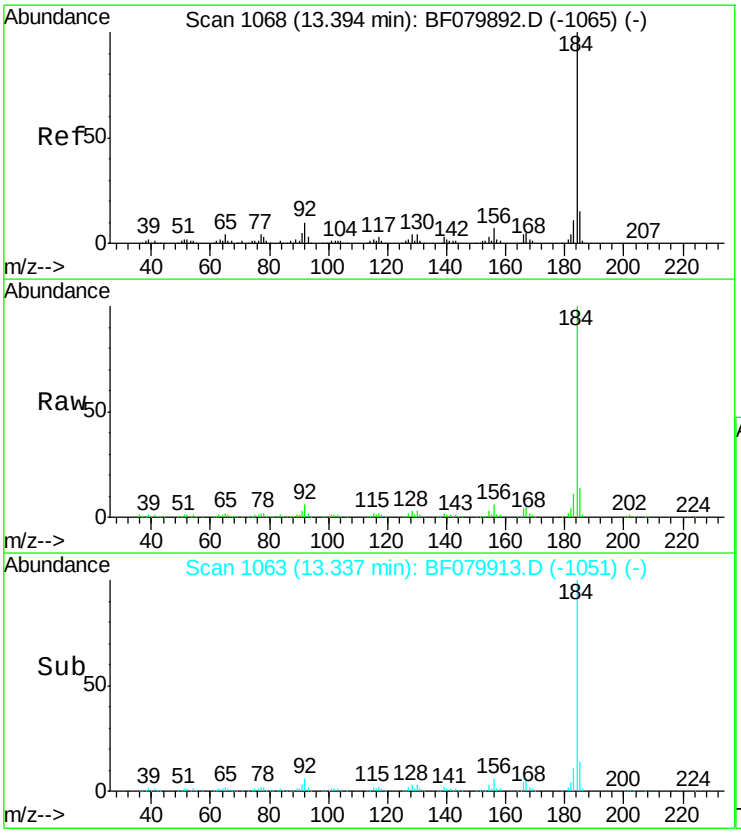
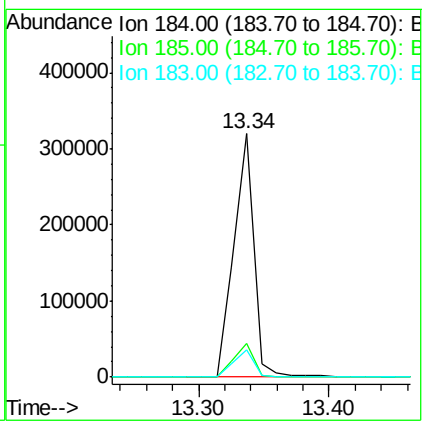


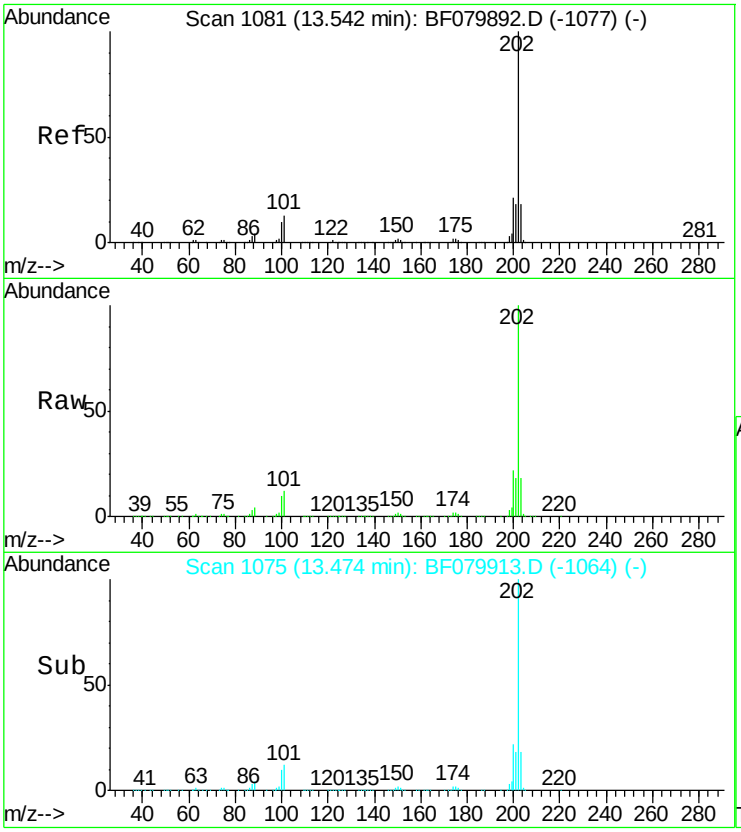




#76
Benzidine
Concen: 43.57 ng
RT: 13.34 min Scan# 1063
Delta R.T. -0.06 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:184 Resp: 338732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.0 | 11.8 | 17.6 |
| 183 | 11.4 | 9.0 | 13.6 |






#77
Pyrene
Concen: 49.52 ng
RT: 13.47 min Scan# 1075
Delta R.T. -0.07 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:202 Resp: 873052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.8 | 16.8 | 25.2 |
| 203 | 17.9 | 14.4 | 21.6 |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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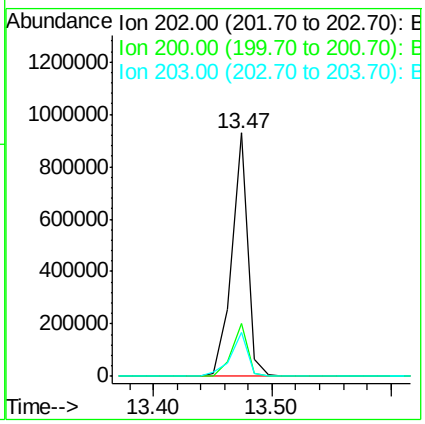
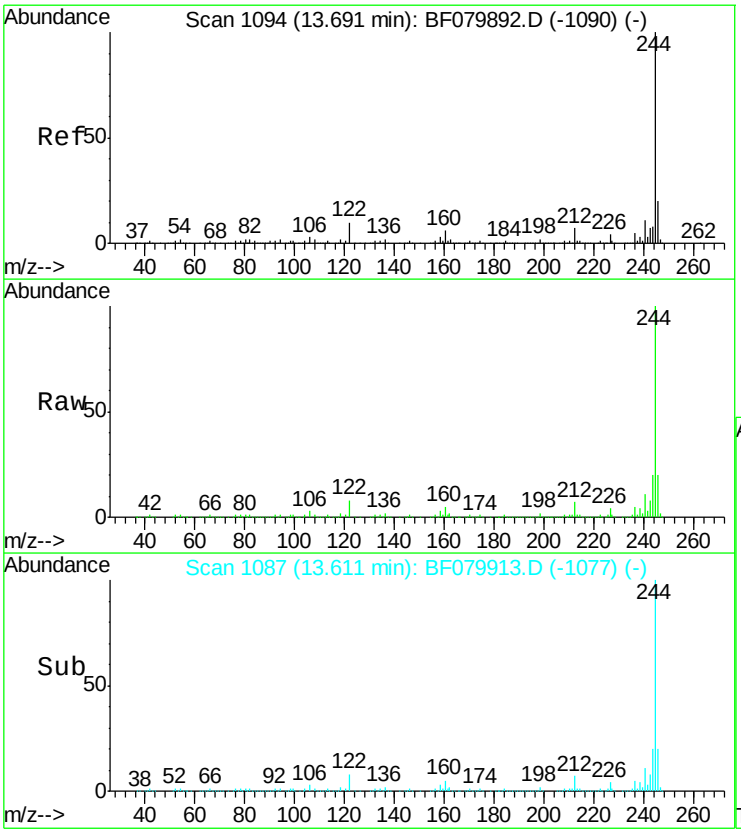
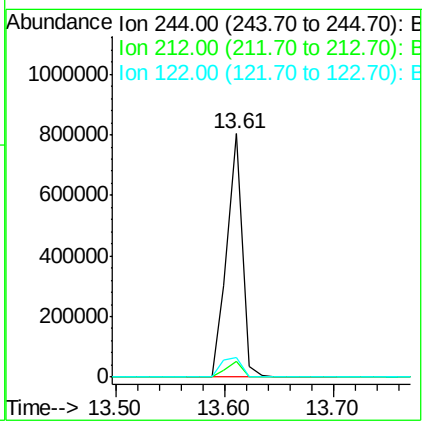


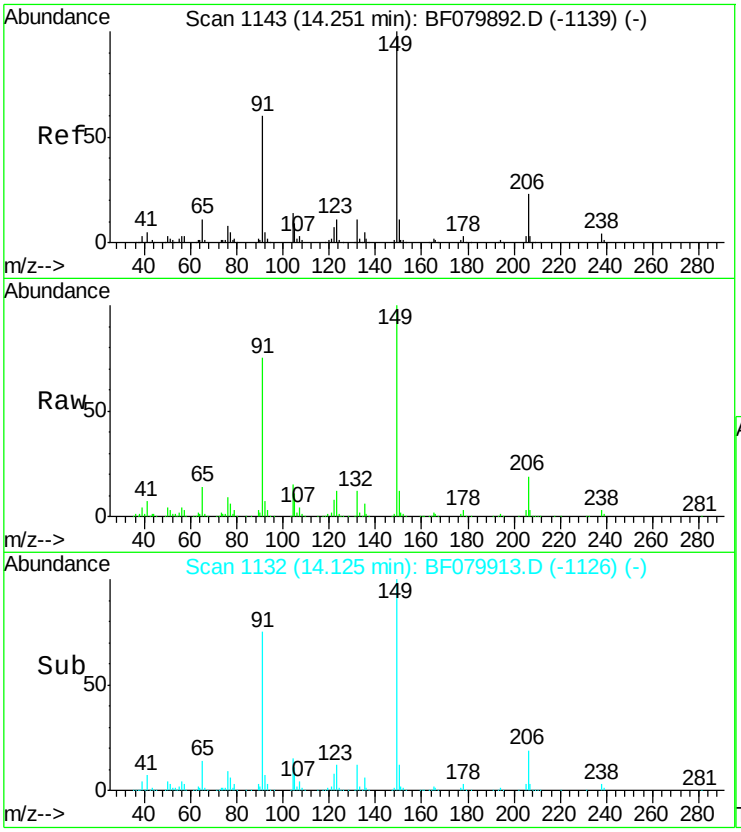




#78
Terphenyl-d14
Concen: 65.07 ng
RT: 13.61 min Scan# 1087
Delta R.T. -0.08 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:244 Resp: 792309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.6 | 5.4 | 8.2 |
| 122 | 8.0 | 7.8 | 11.8 |






#79
Butylbenzylphthalate
Concen: 48.25 ng
RT: 14.13 min Scan# 1132
Delta R.T. -0.13 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:149 Resp: 287298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 75.1 | 48.1 | 72.1# |
| 206 | 19.3 | 18.6 | 27.8 |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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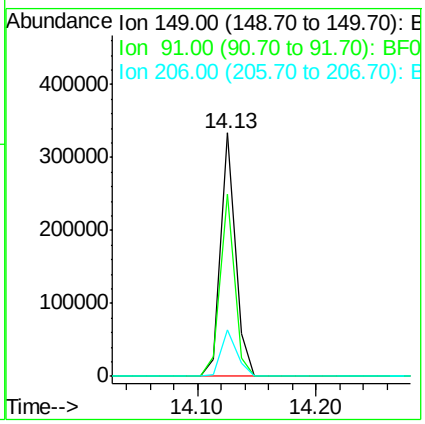
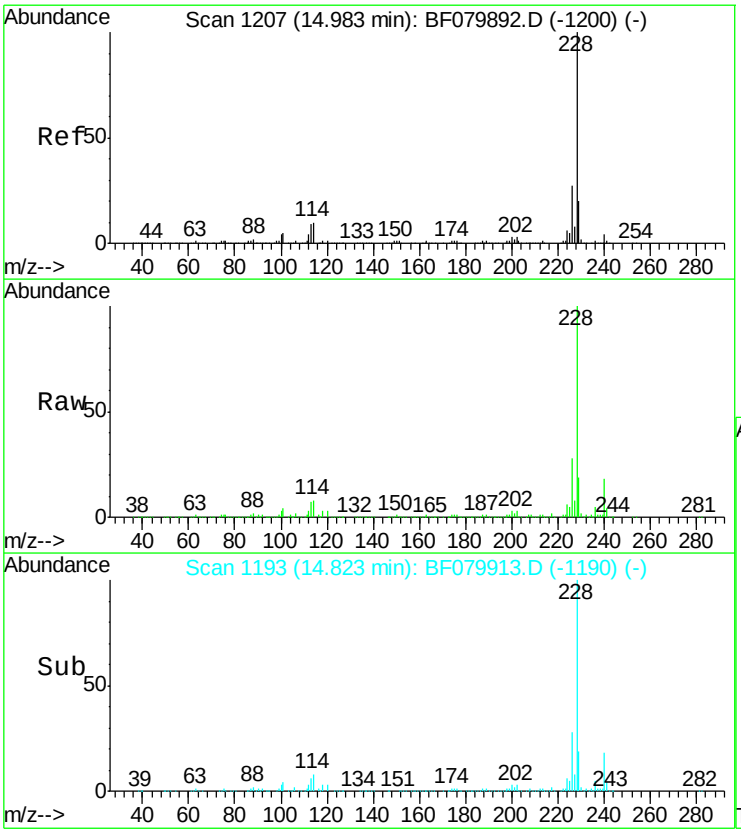
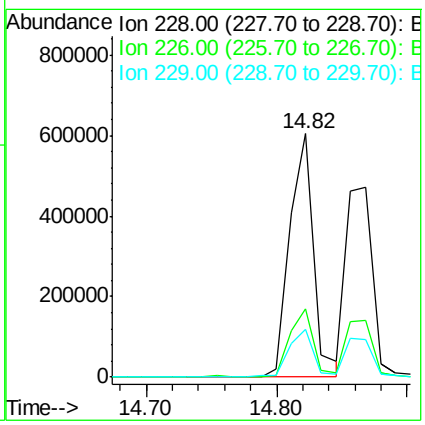


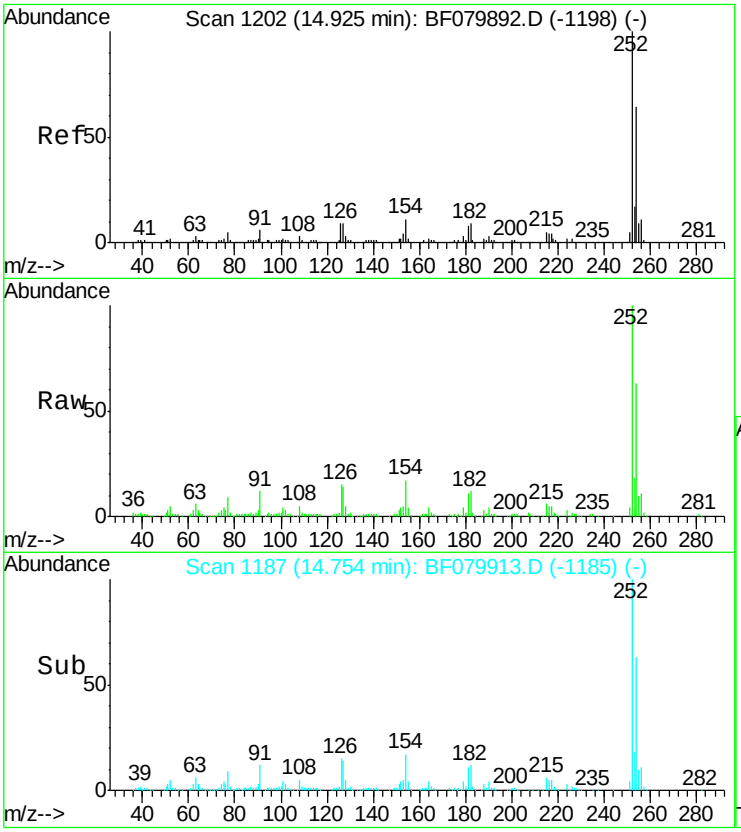




#80
Benzo(a)anthracene
Concen: 43.52 ng
RT: 14.82 min Scan# 1193
Delta R.T. -0.16 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:228 Resp: 775800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.0 | 21.8 | 32.8 |
| 229 | 19.5 | 15.9 | 23.9 |






#81
3,3'-Dichlorobenzidine
Concen: 35.90 ng
RT: 14.75 min Scan# 1187
Delta R.T. -0.17 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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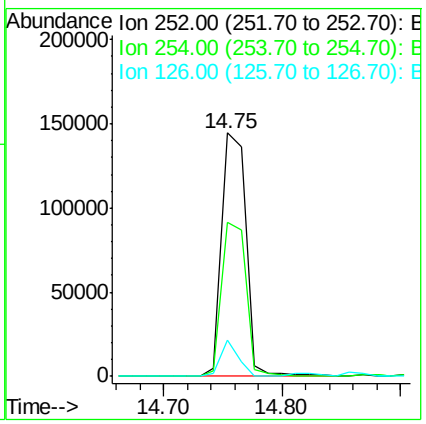
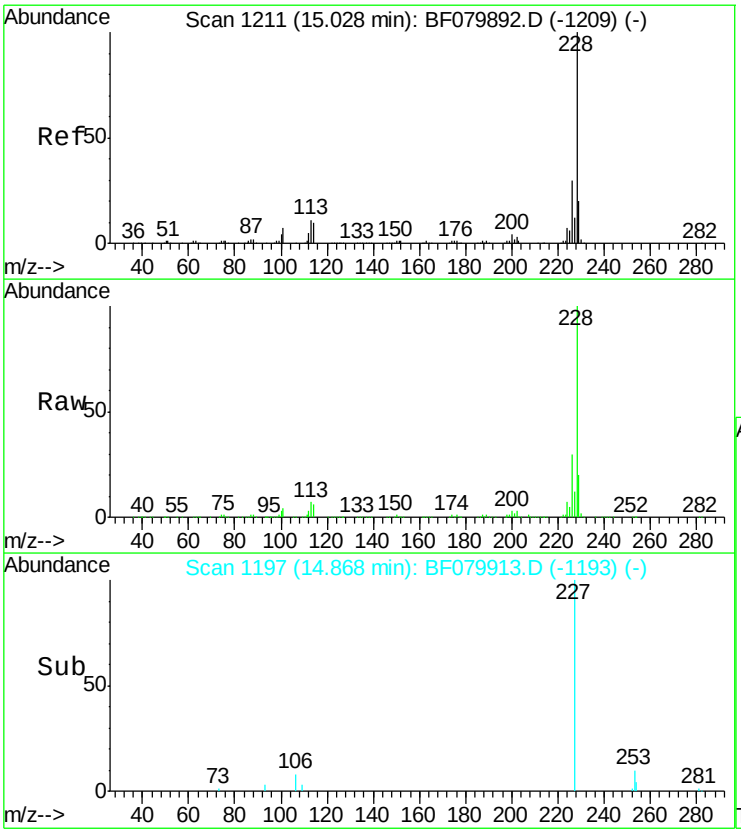
Tgt Ion:252 Resp: 204603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.1 | 51.1 | 76.7 |
| 126 | 14.9 | 7.3 | 10.9# |

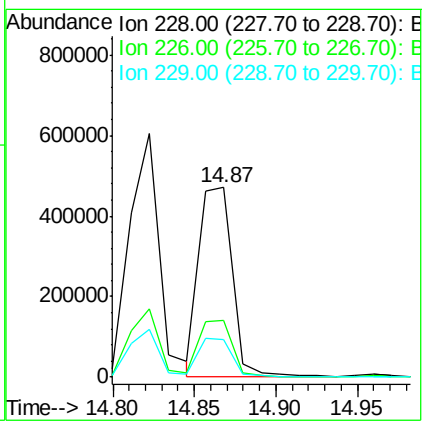


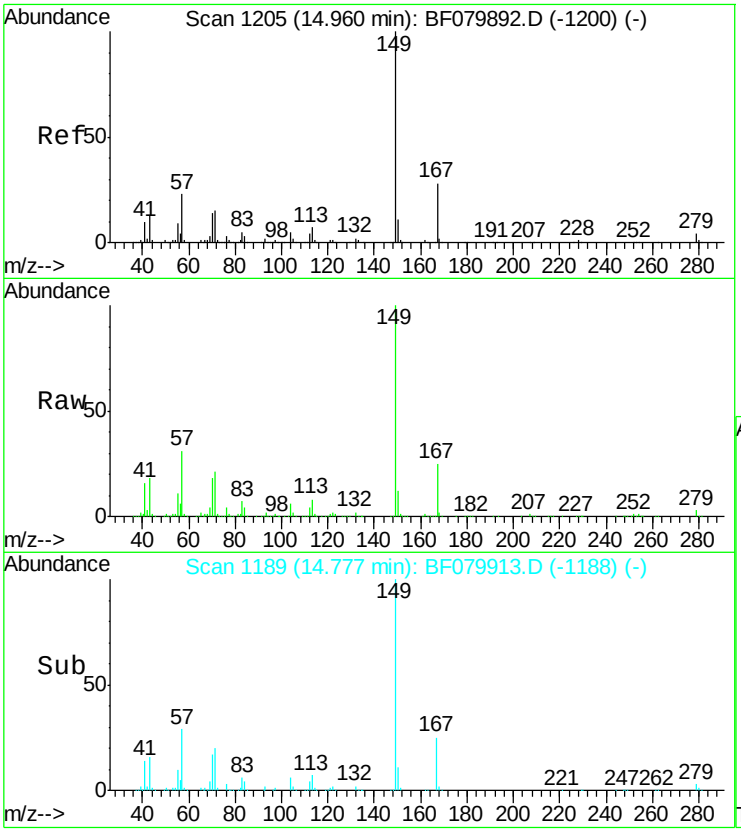




#82
Chrysene
Concen: 42.36 ng
RT: 14.87 min Scan# 1197
Delta R.T. -0.16 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:228 Resp: 668871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.1 | 23.9 | 35.9 |
| 229 | 19.6 | 16.1 | 24.1 |






#83
Bis(2-ethylhexyl)phthalate
Concen: 46.18 ng
RT: 14.78 min Scan# 1189
Delta R.T. -0.18 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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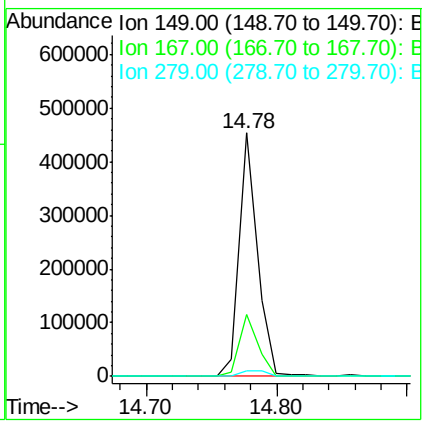
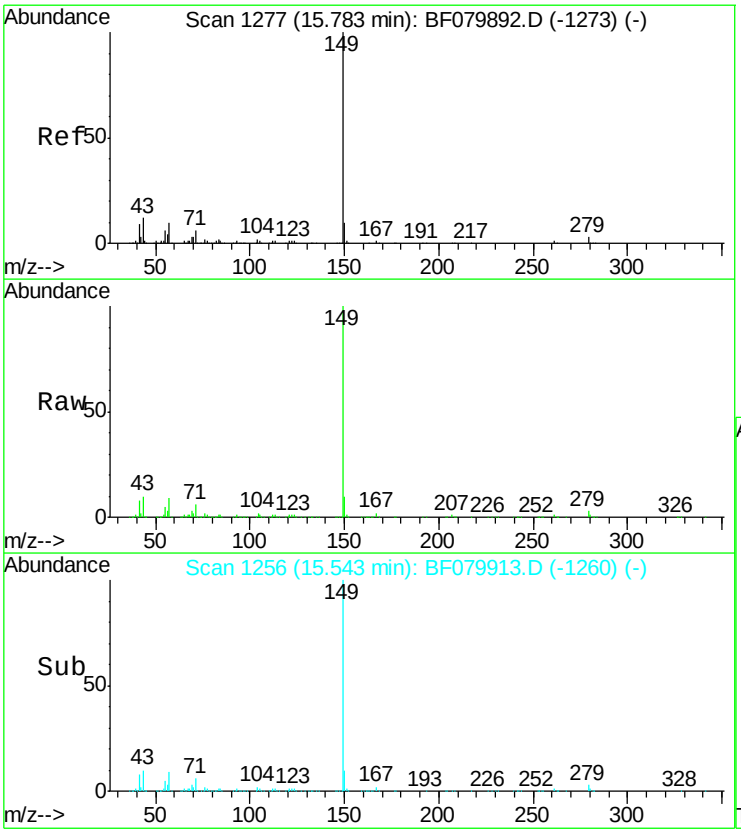
Tgt Ion:149 Resp: 440061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 25.4 | 22.2 | 33.4 |
| 279 | 2.5 | 3.1 | 4.7# |

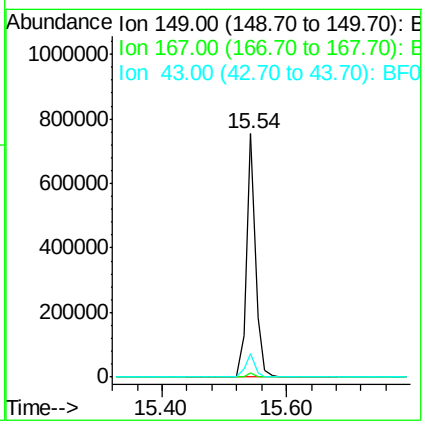


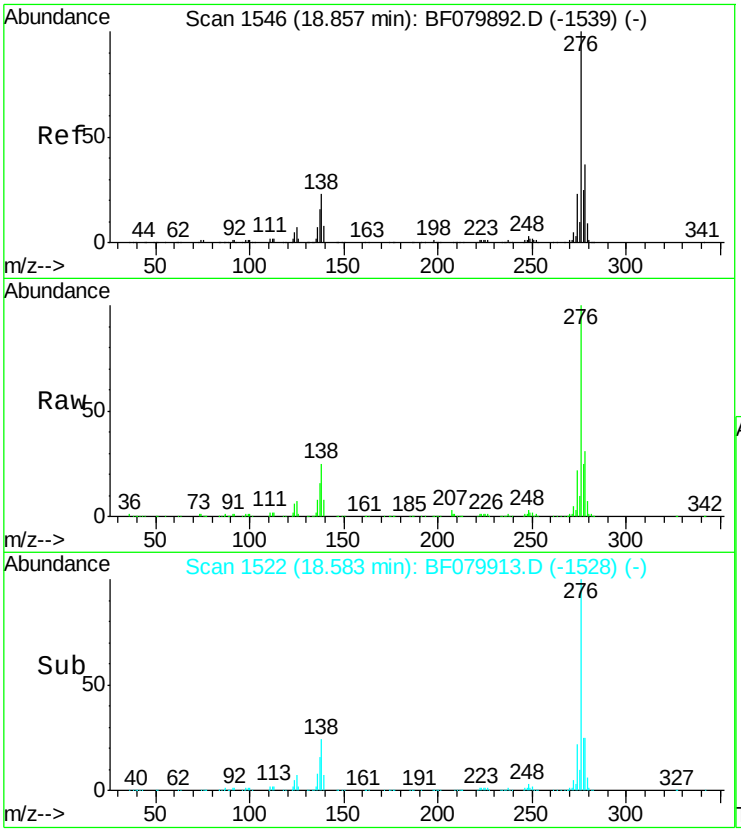




#84
Di-n-octyl phthalate
Concen: 48.43 ng
RT: 15.54 min Scan# 1256
Delta R.T. -0.24 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:149 Resp: 752711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.1 | 1.7 |
| 43 | 10.4 | 8.8 | 13.2 |






#85
Indeno(1,2,3-cd)pyrene
Concen: 42.24 ng
RT: 18.58 min Scan# 1522
Delta R.T. -0.27 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:276 Resp: 788666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.7 | 21.0 | 31.4 |
| 277 | 25.3 | 19.9 | 29.9 |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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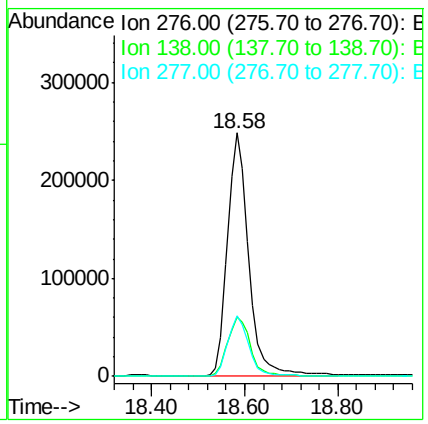
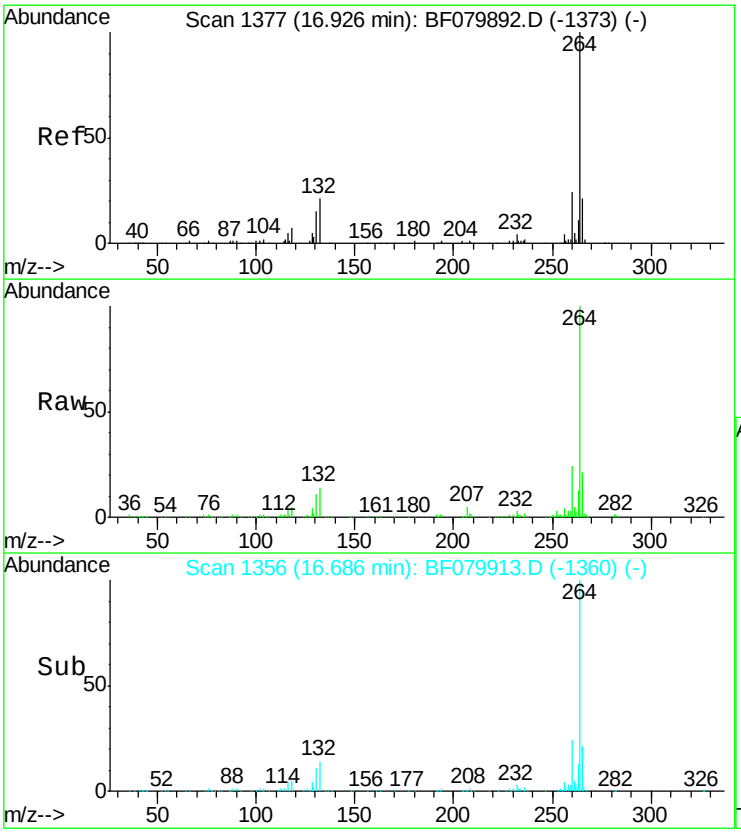
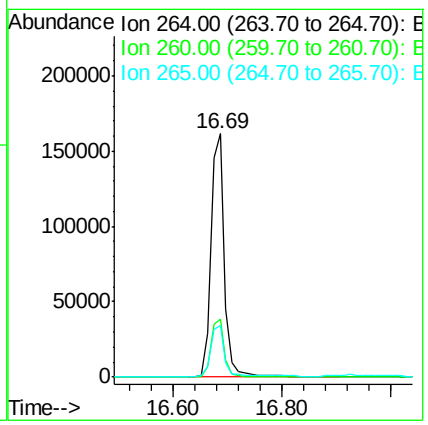


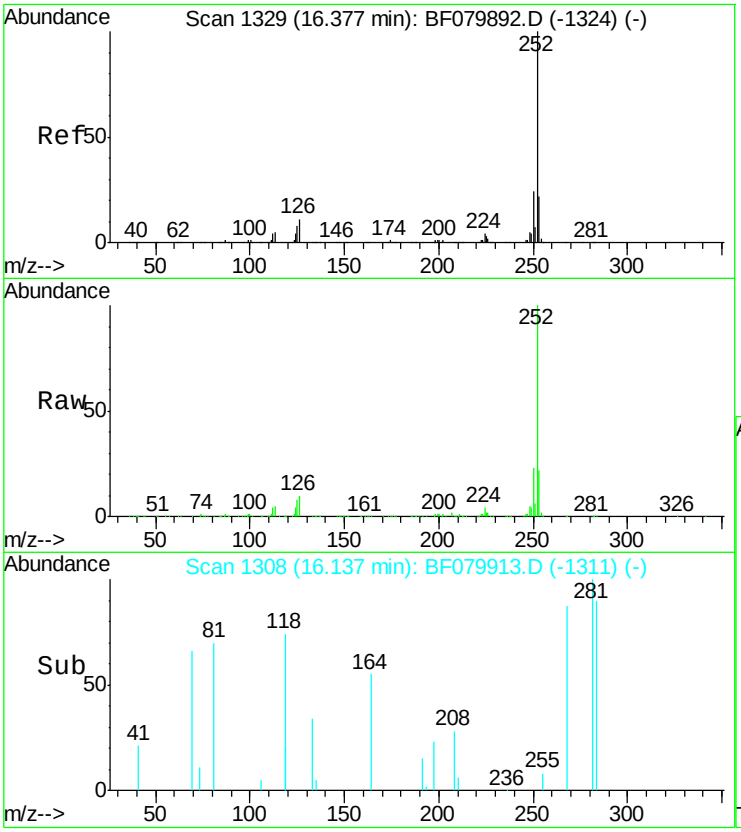




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.69 min Scan# 1356
Delta R.T. -0.24 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:264 Resp: 281189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.9 | 19.3 | 28.9 |
| 265 | 21.2 | 17.0 | 25.6 |






#87
Benzo(b)fluoranthene
Concen: 43.12 ng
RT: 16.14 min Scan# 1308
Delta R.T. -0.24 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:252 Resp: 742859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.8 | 26.6 |
| 125 | 8.2 | 6.5 | 9.7 |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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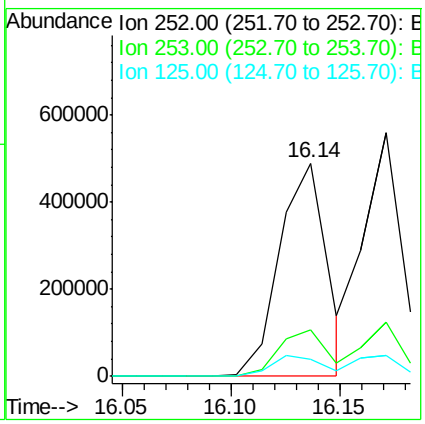
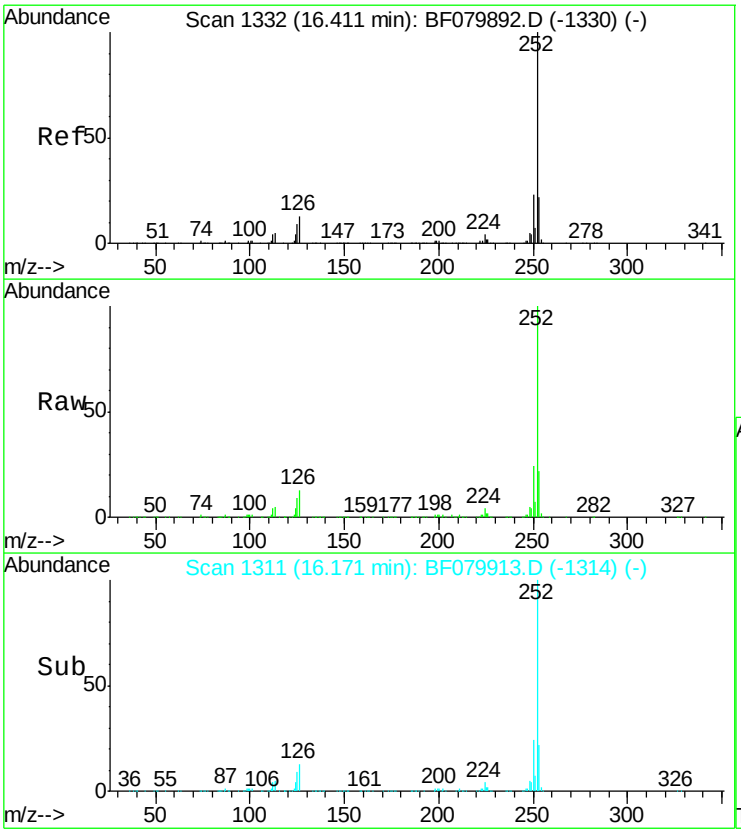
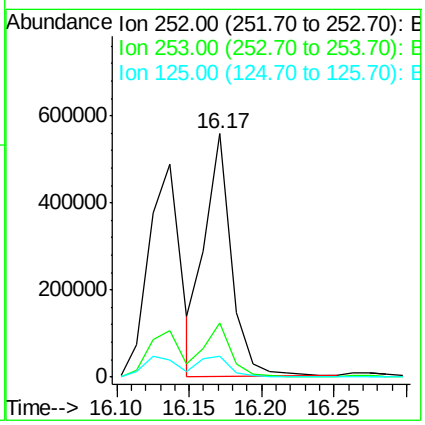


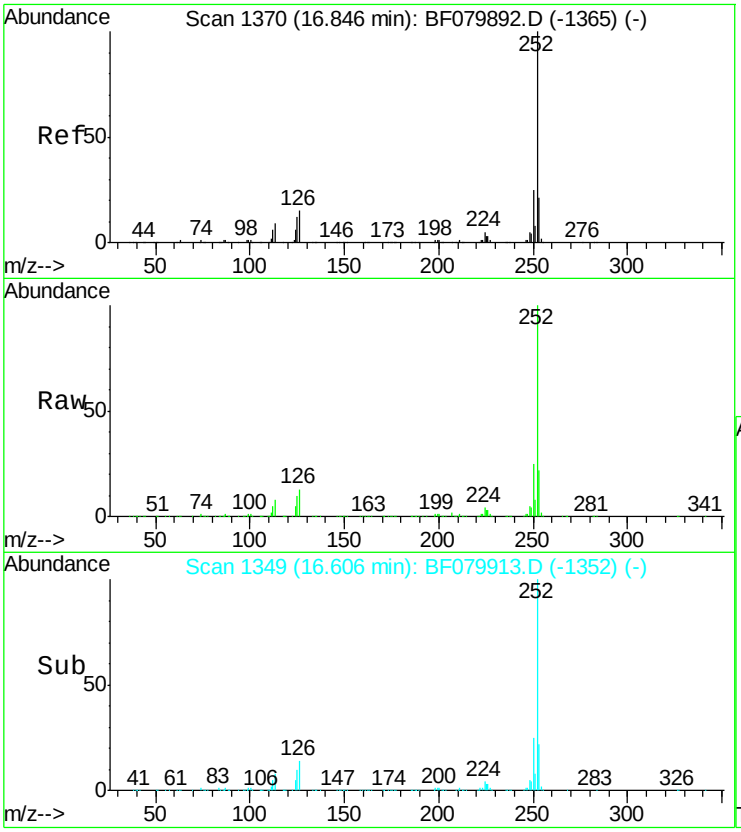




#88
Benzo(k)fluoranthene
Concen: 40.34 ng
RT: 16.17 min Scan# 1311
Delta R.T. -0.24 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:252 Resp: 708894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.4 | 26.2 |
| 125 | 8.7 | 7.4 | 11.0 |






#89
Benzo(a)pyrene
Concen: 43.13 ng
RT: 16.61 min Scan# 1349
Delta R.T. -0.24 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:252 Resp: 706628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 17.0 | 25.6 |
| 125 | 10.3 | 9.7 | 14.5 |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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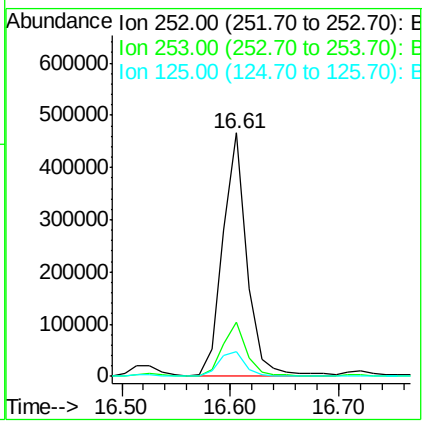
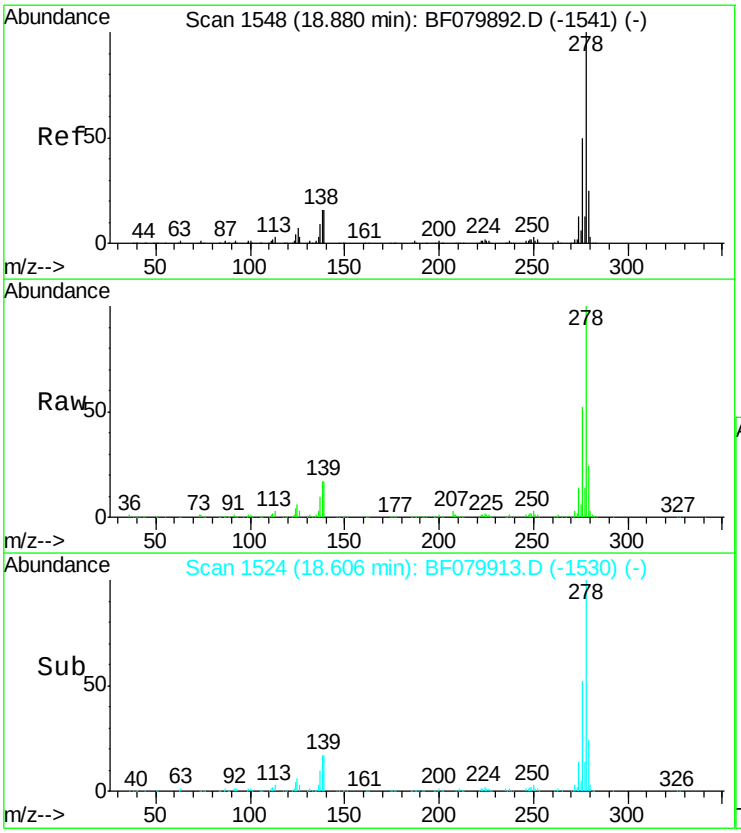
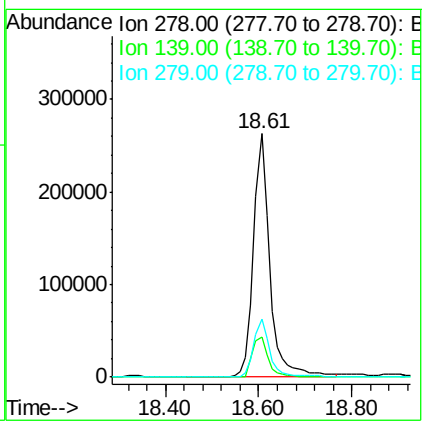


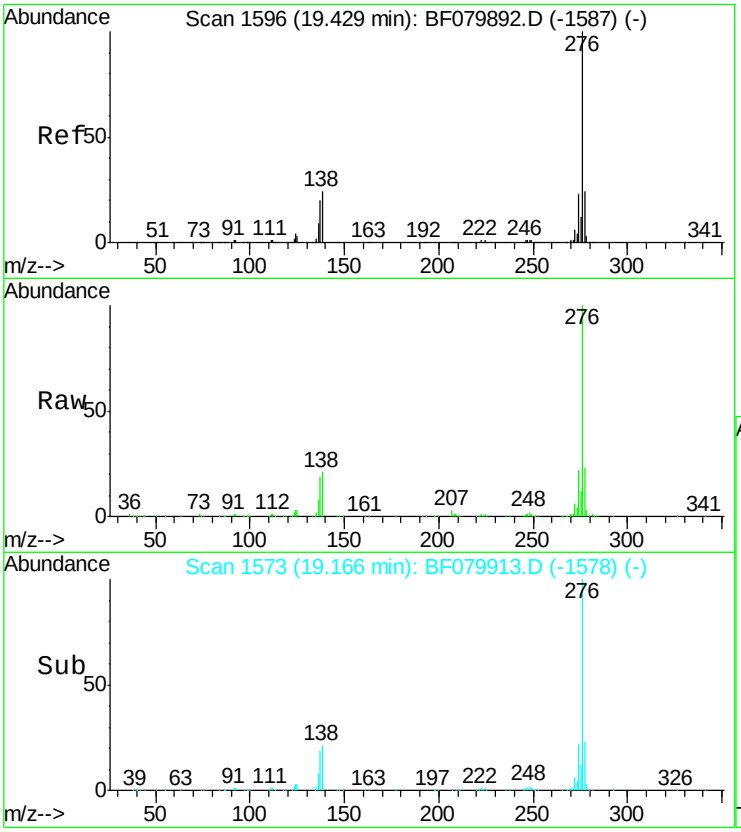




#90
Dibenzo(a,h)anthracene
Concen: 39.13 ng
RT: 18.61 min Scan# 1524
Delta R.T. -0.27 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:278 Resp: 630197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.6 | 12.8 | 19.2 |
| 279 | 23.6 | 19.7 | 29.5 |

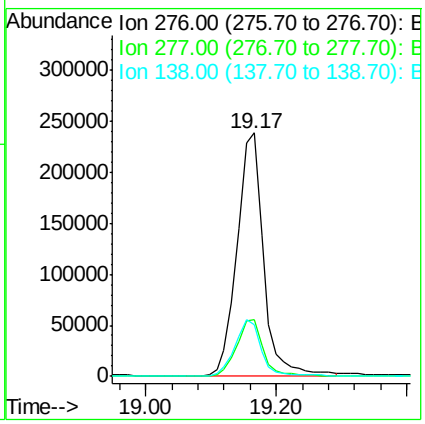





#91
Benzo(g,h,i)perylene
Concen: 39.94 ng
RT: 19.17 min Scan# 1573
Delta R.T. -0.26 min
Lab File: BF079913.D
Acq: 12 Jun 2015 1:27

Tgt Ion:276 Resp: 665698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.5 | 19.4 | 29.2 |
| 138 | 21.4 | 19.1 | 28.7 |

**Instrument :**
BNA_F
**ClientSampleId :**
FM1BMS

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