Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
Data File : BF081048.D
Acq On : 18 Aug 2015 18:09
Operator : UM/IZ
Sample : PB85025BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

**Manual Integrations APPROVED**
MMDadoda
8/19/2015 2:18:01 PM

Quant Time: Aug 19 01:19:45 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.60 | 152 | 50918 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 7.90 | 136 | 215818 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 9.64 | 164 | 96787 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 11.11 | 188 | 207805 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 13.74 | 240 | 176072 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 15.07 | 264 | 168529 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.19 | 112 | 377514 | 111.52 | ng | | 0.00 |
| 7) Phenol-d6 | 6.26 | 99 | 517190 | 117.09 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.18 | 82 | 293155 | 62.05 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.42 | 330 | 89875 | 107.12 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 8.97 | 172 | 477391 | 64.63 | ng | | -0.02 |
| 78) Terphenyl-d14 | 12.70 | 244 | 606868 | 73.89 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.07 | 88 | 41584 | 26.07 | ng | | 98 |
| 3) Pyridine | 2.70 | 79 | 135324 | 30.05 | ng | | 89 |
| 4) n-Nitrosodimethylamine | 2.64 | 42 | 77409 | 30.88 | ng | # | 82 |
| 6) Aniline | 6.26 | 93 | 153095 | 23.84 | ng | # | 45 |
| 8) 2-Chlorophenol | 6.39 | 128 | 130150 | 35.12 | ng | | 99 |
| 9) Benzaldehyde | 6.15 | 77 | 57438 | 20.17 | ng | | 85 |
| 10) Phenol | 6.27 | 94 | 174324 | 33.42 | ng | # | 77 |
| 11) bis(2-Chloroethyl)ether | 6.35 | 93 | 146520 | 36.60 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 6.55 | 146 | 131593 | 33.05 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.63 | 146 | 131306 | 33.31 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.78 | 146 | 128123 | 34.72 | ng | | 97 |
| 15) Benzyl Alcohol | 6.76 | 79 | 128771 | 36.03 | ng | # | 92 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.90 | 45 | 271974 | 34.58 | ng | | 99 |
| 17) 2-Methylphenol | 6.88 | 107 | 105297 | 33.12 | ng | | 96 |
| 18) Hexachloroethane | 7.12 | 117 | 52026 | 32.66 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 7.04 | 70 | 109118 | 35.66 | ng | | 88 |
| 20) 3+4-Methylphenols | 7.04 | 107 | 145539 | 36.07 | ng | # | 45 |
| 22) Acetophenone | 7.03 | 105 | 194077 | 34.25 | ng | # | 89 |
| 24) Nitrobenzene | 7.20 | 77 | 166285 | 33.66 | ng | | 94 |
| 25) Isophorone | 7.44 | 82 | 270134 | 30.66 | ng | | 98 |
| 26) 2-Nitrophenol | 7.52 | 139 | 67795 | 33.00 | ng | # | 61 |
| 27) 2,4-Dimethylphenol | 7.56 | 122 | 124594 | 34.28 | ng | | 94 |
| 28) bis(2-Chloroethoxy)methane | 7.66 | 93 | 160992 | 30.93 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.76 | 162 | 110279 | 36.04 | ng | | 91 |
| 30) 1,2,4-Trichlorobenzene | 7.84 | 180 | 108875 | 32.02 | ng | | 99 |
| 31) Naphthalene | 7.92 | 128 | 390732 | 32.48 | ng | | 100 |
| 32) Benzoic acid | 7.69 | 122 | 85172 | 41.66 | ng | | 92 |
| 33) 4-Chloroaniline | 7.96 | 127 | 78617 | 15.49 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.04 | 225 | 63358 | 32.95 | ng | | 95 |
| 35) Caprolactam | 8.34 | 113 | 40578m | 37.95 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.46 | 107 | 129522 | 35.52 | ng | | 96 |
| 37) 2-Methylnaphthalene | 8.60 | 142 | 246085 | 32.38 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.78 | 216 | 103980 | 33.30 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 8.76 | 237 | 122775 | 75.96 | ng | | 99 |

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Operator : UM/IZ
Sample : PB85025BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB85025BS

**Manual Integrations APPROVED**
MMDadoda
8/19/2015 2:18:01 PM

Quant Time: Aug 19 01:19:45 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.89 | 196 | 78665 | 35.66 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 8.92 | 196 | 79147 | 35.90 | ng | # | 89 |
| 45) 1,1'-Biphenyl | 9.07 | 154 | 332180 | 38.96 | ng | | 99 |
| 46) 2-Chloronaphthalene | 9.08 | 162 | 219881 | 32.10 | ng | # | 89 |
| 47) 2-Nitroaniline | 9.19 | 65 | 89318 | 31.87 | ng | | 98 |
| 48) Acenaphthylene | 9.50 | 152 | 364425 | 29.74 | ng | | 98 |
| 49) Dimethylphthalate | 9.38 | 163 | 303753 | 38.11 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.44 | 165 | 65480 | 38.26 | ng | | 92 |
| 51) Acenaphthene | 9.67 | 154 | 264359 | 36.04 | ng | | 99 |
| 52) 3-Nitroaniline | 9.60 | 138 | 52847 | 24.68 | ng | | 92 |
| 53) 2,4-Dinitrophenol | 9.71 | 184 | 79806 | 82.80 | ng | # | 45 |
| 54) Dibenzofuran | 9.84 | 168 | 328383 | 33.41 | ng | | 91 |
| 55) 4-Nitrophenol | 9.77 | 139 | 100527 | 66.83 | ng | # | 83 |
| 56) 2,4-Dinitrotoluene | 9.84 | 165 | 91206 | 40.21 | ng | | 97 |
| 57) Fluorene | 10.18 | 166 | 256126 | 33.87 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 9.96 | 232 | 66883m | 39.19 | ng | | |
| 59) Diethylphthalate | 10.08 | 149 | 334190 | 39.61 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 10.18 | 204 | 123811 | 38.70 | ng | | 98 |
| 61) 4-Nitroaniline | 10.22 | 138 | 76752 | 35.06 | ng | # | 76 |
| 62) Azobenzene | 10.34 | 77 | 374642 | 38.54 | ng | | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 10.24 | 198 | 46568 | 37.52 | ng | | 88 |
| 65) n-Nitrosodiphenylamine | 10.31 | 169 | 249138 | 33.59 | ng | | 97 |
| 66) 4-Bromophenyl-phenylether | 10.67 | 248 | 68699 | 33.65 | ng | | 96 |
| 67) Hexachlorobenzene | 10.73 | 284 | 72716 | 35.17 | ng | | 94 |
| 68) Atrazine | 10.83 | 200 | 72654 | 35.15 | ng | | 99 |
| 69) Pentachlorophenol | 10.92 | 266 | 93645 | 75.49 | ng | | 98 |
| 70) Phenanthrene | 11.13 | 178 | 389344 | 31.61 | ng | | 100 |
| 71) Anthracene | 11.19 | 178 | 445755 | 37.20 | ng | | 99 |
| 72) Carbazole | 11.35 | 167 | 449595 | 38.97 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.69 | 149 | 541020 | 38.75 | ng | | 99 |
| 74) Fluoranthene | 12.31 | 202 | 432829 | 32.57 | ng | | 92 |
| 76) Benzidine | 12.44 | 184 | 281856 | 42.38 | ng | | 99 |
| 77) Pyrene | 12.54 | 202 | 468712 | 32.75 | ng | | 100 |
| 79) Butylbenzylphthalate | 13.18 | 149 | 260036 | 42.26 | ng | # | 83 |
| 80) Benzo(a)anthracene | 13.73 | 228 | 438720 | 37.15 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.69 | 252 | 96448 | 25.22 | ng | | 97 |
| 82) Chrysene | 13.76 | 228 | 437684 | 41.13 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.74 | 149 | 350254 | 44.44 | ng | # | 99 |
| 84) Di-n-octyl phthalate | 14.34 | 149 | 601890 | 50.25 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 16.30 | 276 | 354501 | 47.45 | ng | # | 94 |
| 87) Benzo(b)fluoranthene | 14.72 | 252 | 449194m | 37.68 | ng | | |
| 88) Benzo(k)fluoranthene | 14.74 | 252 | 308664m | 27.79 | ng | | |
| 89) Benzo(a)pyrene | 15.03 | 252 | 379908 | 36.58 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 16.32 | 278 | 292978 | 36.20 | ng | | 100 |
| 91) Benzo(g,h,i)perylene | 16.66 | 276 | 278153 | 33.88 | ng | # | 90 |

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

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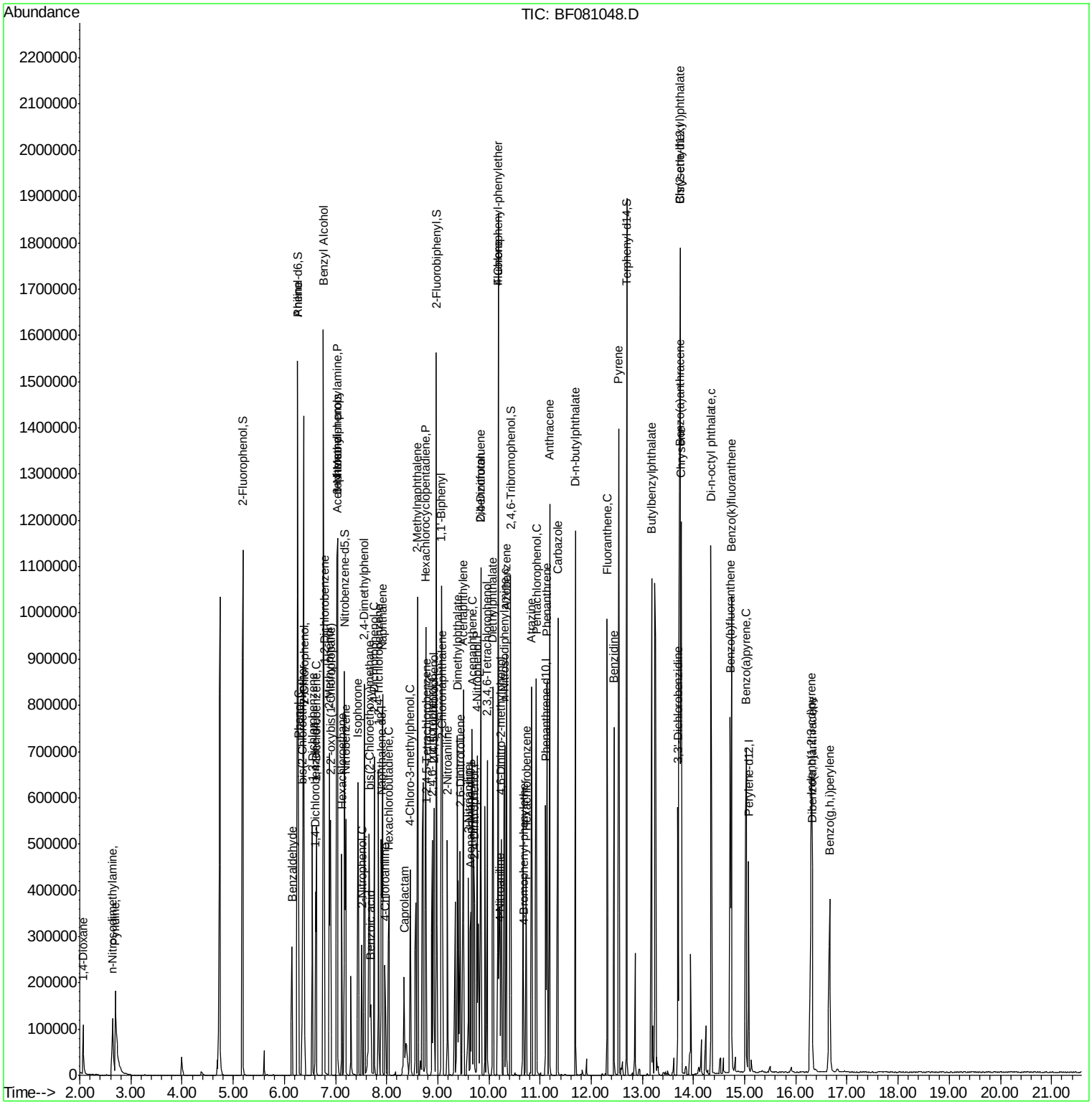
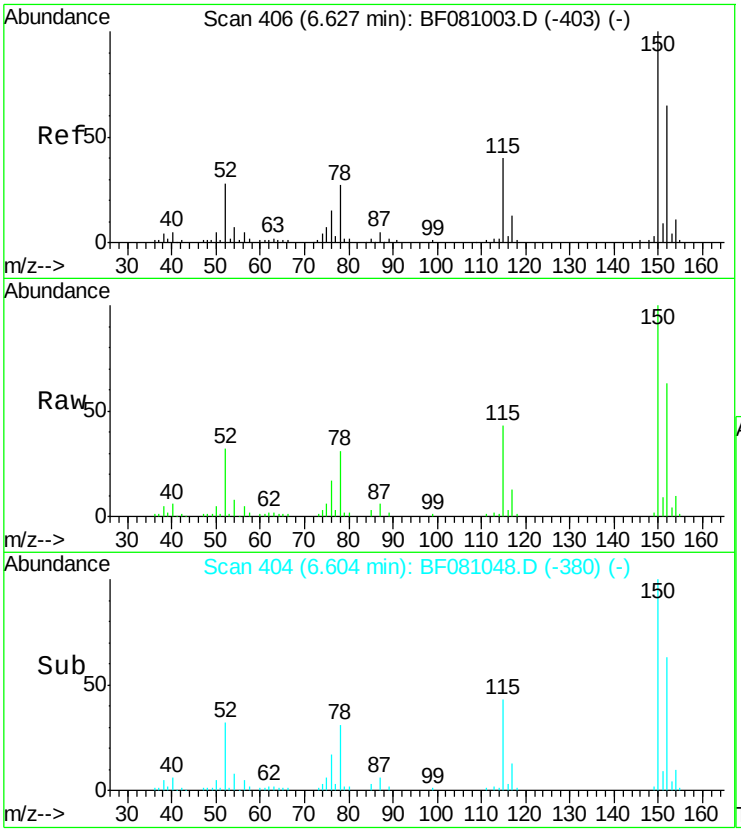
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
Data File : BF081048.D
Acq On : 18 Aug 2015 18:09
Operator : UM/IZ
Sample : PB85025BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 19 01:19:45 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

**Manual Integrations APPROVED**
MMDadoda
8/19/2015 2:18:01 PM

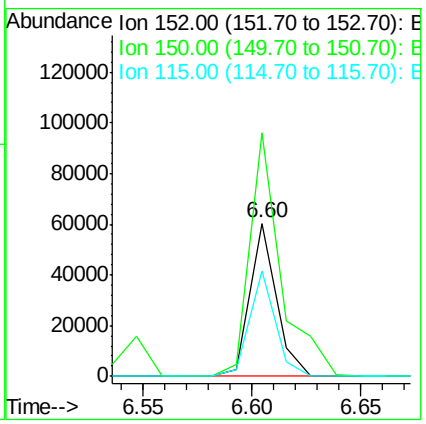





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

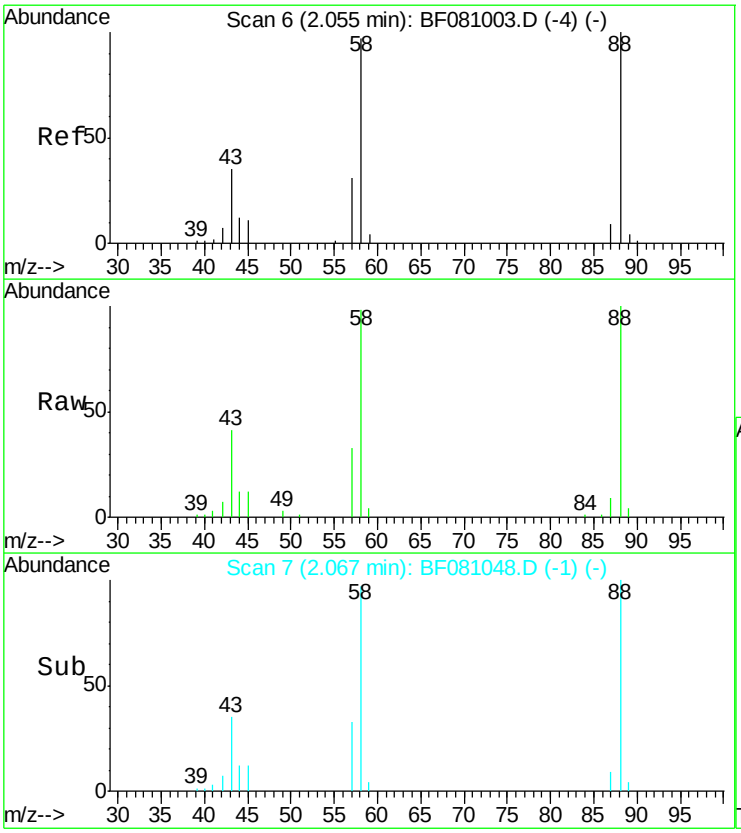
Tgt Ion:152 Resp: 50918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.3 | 123.8 | 185.6 |
| 115 | 69.2 | 52.1 | 78.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

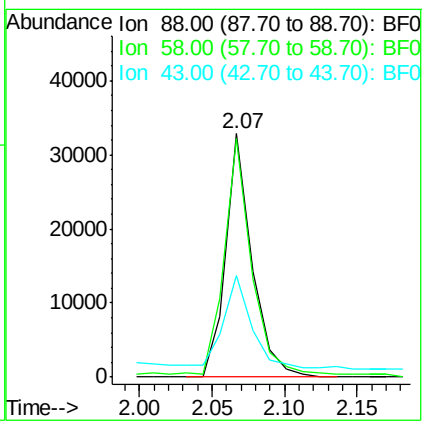
**Manual Integrations APPROVED**
MMDadoda
8/19/2015 2:18:01 PM

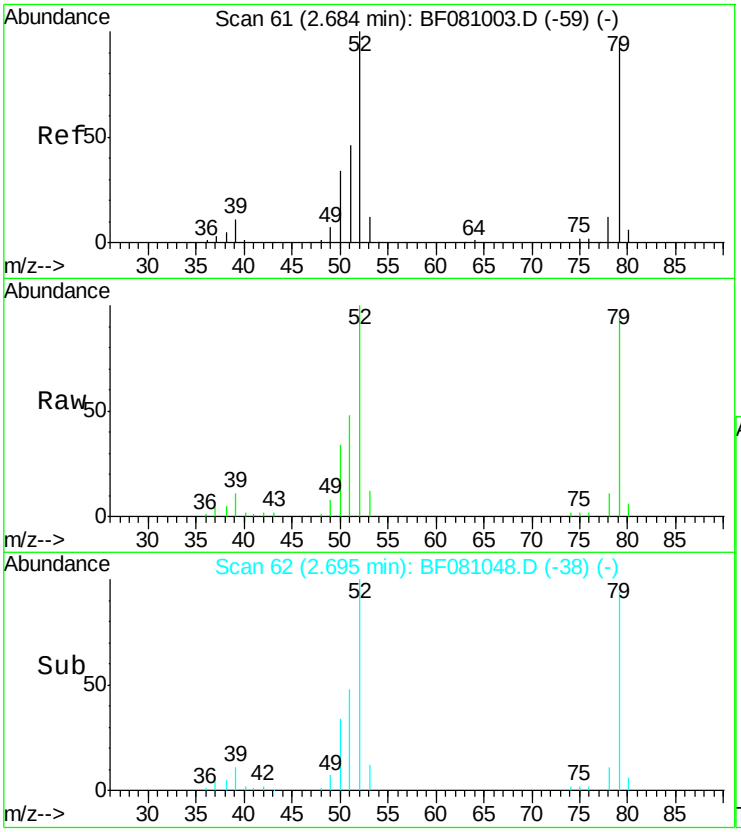



#2
1,4-Dioxane
Concen: 26.07 ng
RT: 2.07 min Scan# 7
Delta R.T. 0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion: 88 Resp: 41584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 106.7 | 83.7 | 125.5 |
| 43 | 45.6 | 37.5 | 56.3 |

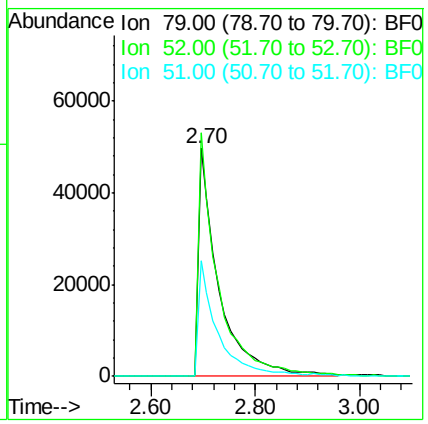





#3
Pyridine
Concen: 30.05 ng
RT: 2.70 min Scan# 62
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion: 79 Resp: 135324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 106.8 | 95.1 | 142.7 |
| 51 | 50.9 | 46.6 | 70.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

**Manual Integrations APPROVED**
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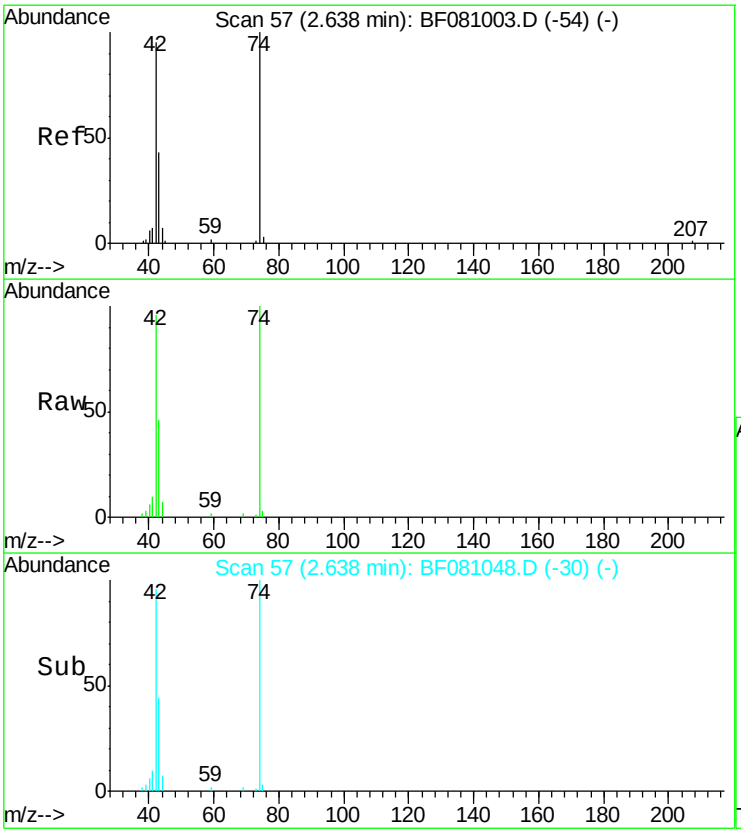
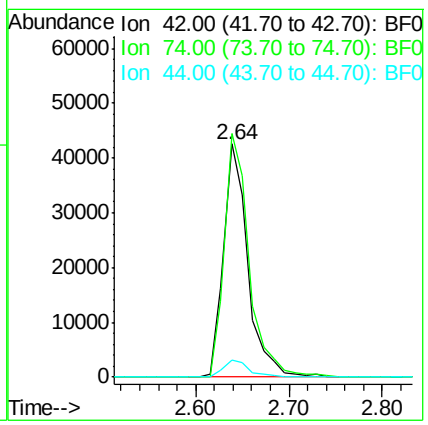
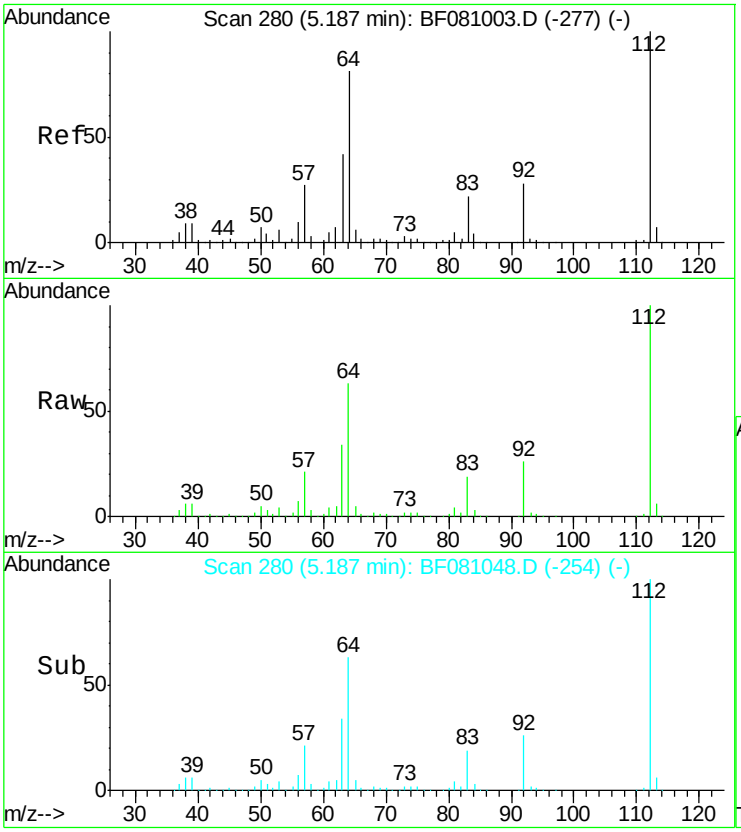



#4
n-Nitrosodimethylamine
Concen: 30.88 ng
RT: 2.64 min Scan# 57
Delta R.T. 0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion: 42 Resp: 77409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 104.4 | 69.3 | 103.9# |
| 44 | 7.1 | 5.5 | 8.3 |






#5
2-Fluorophenol
Concen: 111.52 ng
RT: 5.19 min Scan# 280
Delta R.T. 0.00 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:112 Resp: 377514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 62.5 | 66.9 | 100.3# |
| 63 | 33.6 | 38.1 | 57.1# |

**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

**Manual Integrations APPROVED**
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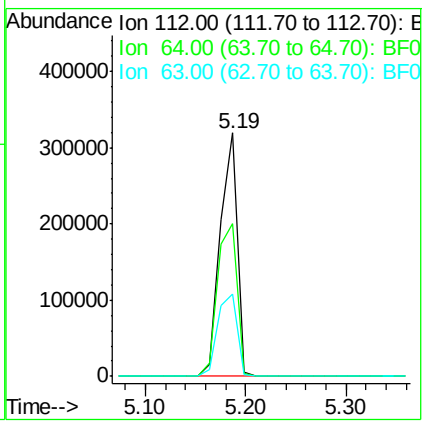
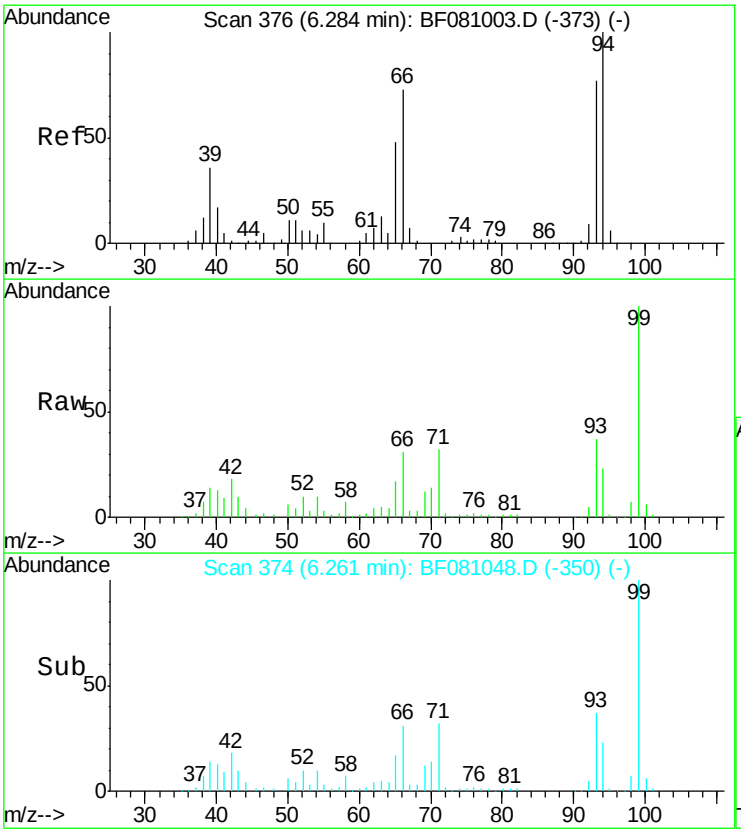
8/19/2015 2:18:01 PM

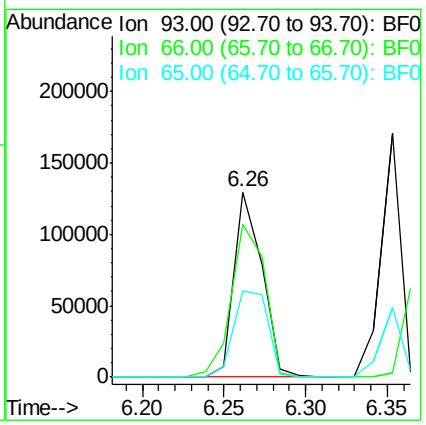


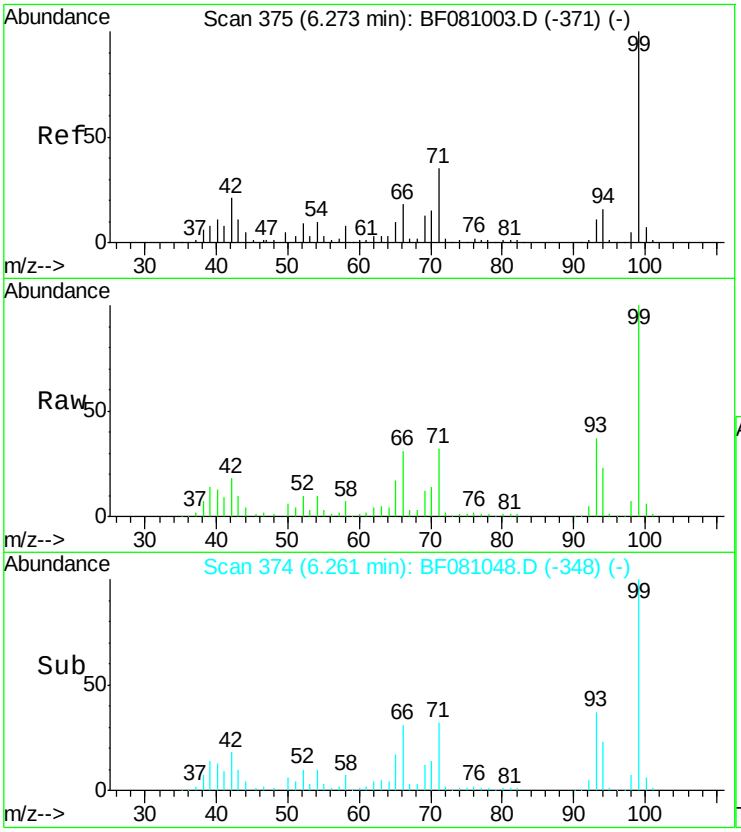




#6
Aniline
Concen: 23.84 ng
RT: 6.26 min Scan# 374
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion: 93 Resp: 153095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 82.9 | 35.6 | 53.4# |
| 65 | 46.7 | 18.7 | 28.1# |

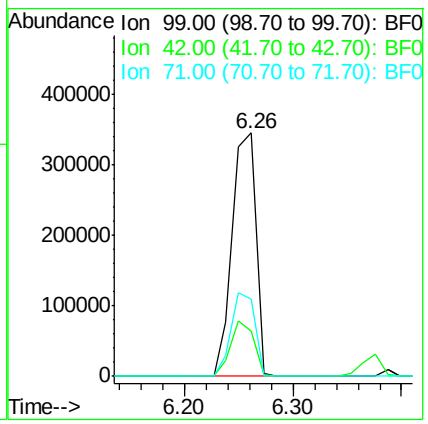





#7
Phenol-d6
Concen: 117.09 ng
RT: 6.26 min Scan# 374
Delta R.T. 0.00 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

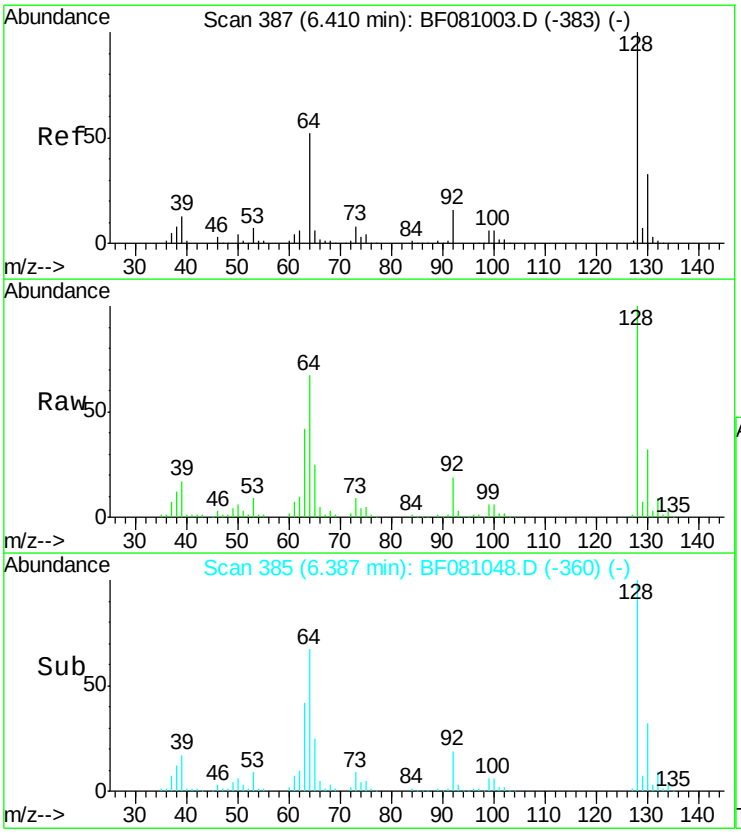
Tgt Ion: 99 Resp: 517190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.5 | 19.6 | 29.4# |
| 71 | 31.7 | 31.2 | 46.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

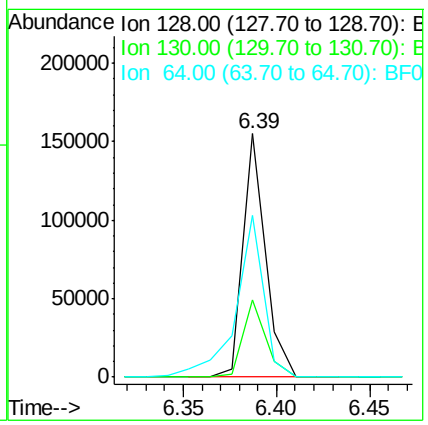
**Manual Integrations APPROVED**
MMDadoda
8/19/2015 2:18:01 PM

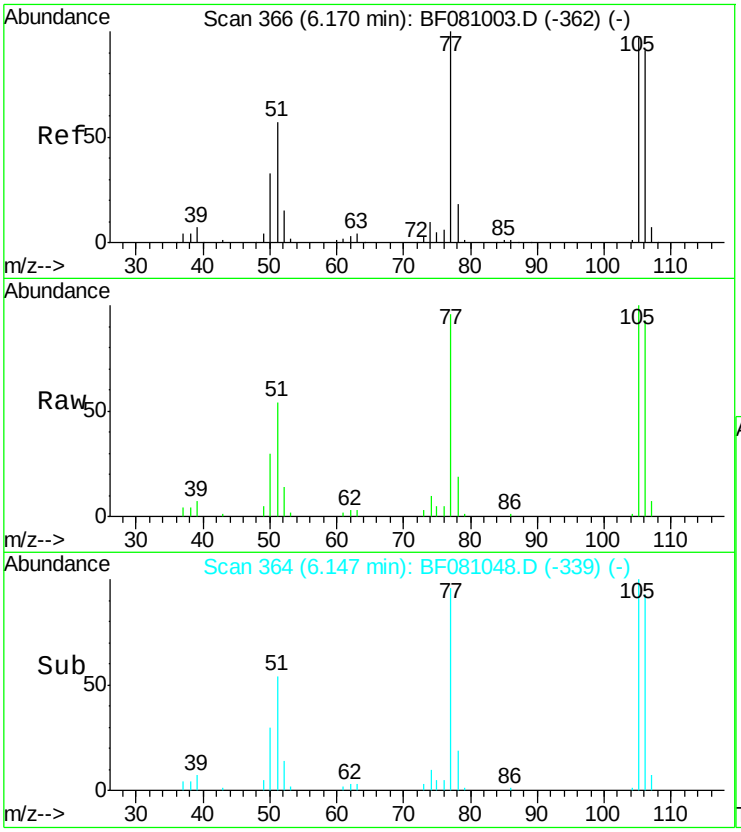



#8
2-Chlorophenol
Concen: 35.12 ng
RT: 6.39 min Scan# 385
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:128 Resp: 130150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.6 | 12.5 | 52.5 |
| 64 | 66.6 | 46.8 | 86.8 |

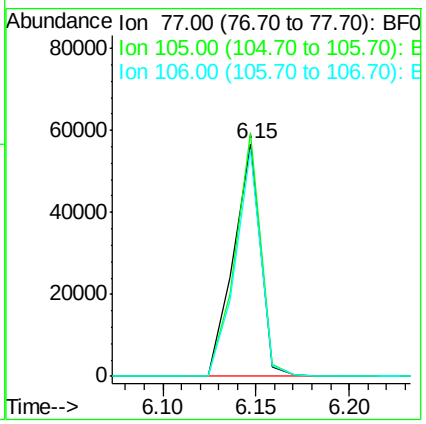





#9
Benzaldehyde
Concen: 20.17 ng
RT: 6.15 min Scan# 364
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

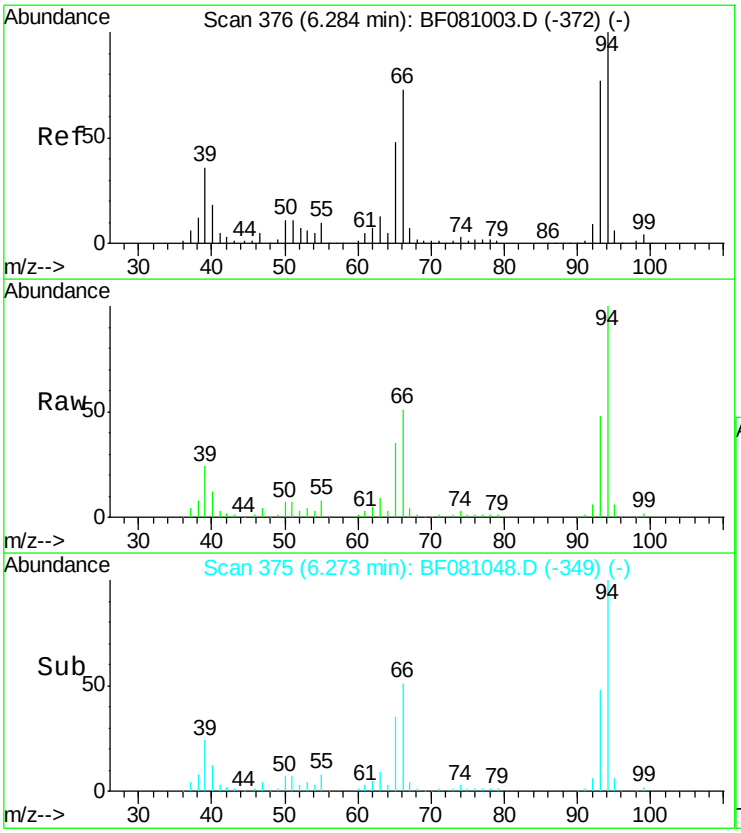
Tgt Ion: 77 Resp: 57438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 104.7 | 69.6 | 109.6 |
| 106 | 97.4 | 64.0 | 104.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

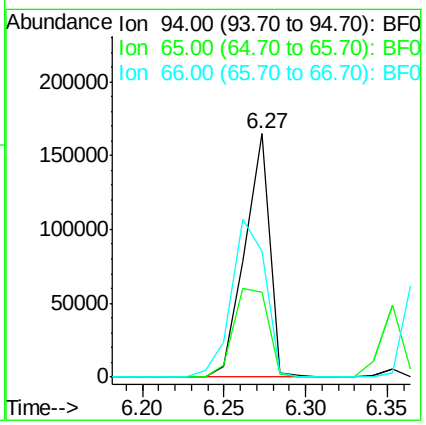
**Manual Integrations APPROVED**
MMDadoda
8/19/2015 2:18:01 PM

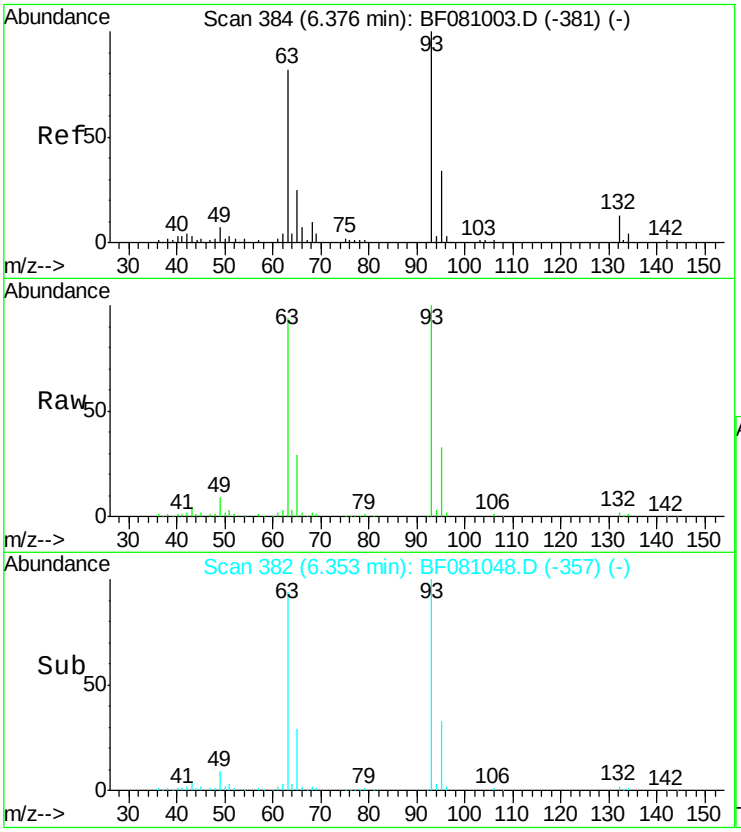



#10
Phenol
Concen: 33.42 ng
RT: 6.27 min Scan# 375
Delta R.T. 0.00 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion: 94 Resp: 174324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 35.0 | 28.4 | 68.4 |
| 66 | 51.5 | 52.3 | 92.3# |

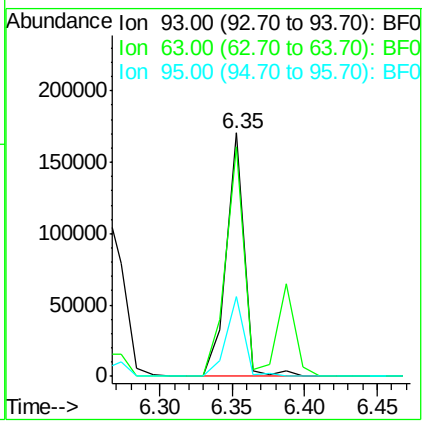





#11
bis(2-Chloroethyl)ether
Concen: 36.60 ng
RT: 6.35 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion: 93 Resp: 146520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 94.4 | 69.6 | 109.6 |
| 95 | 32.6 | 12.3 | 52.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

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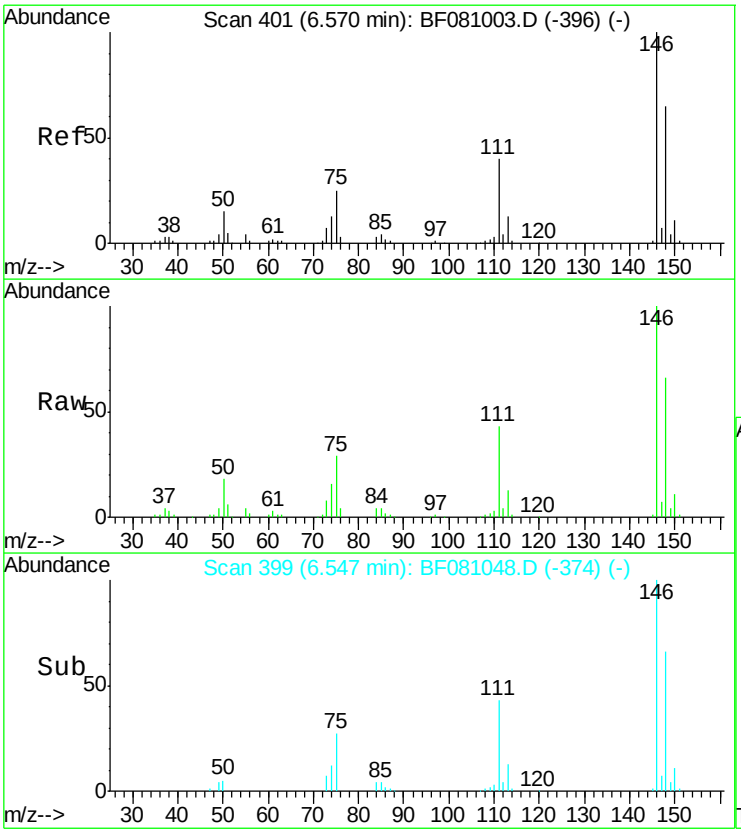
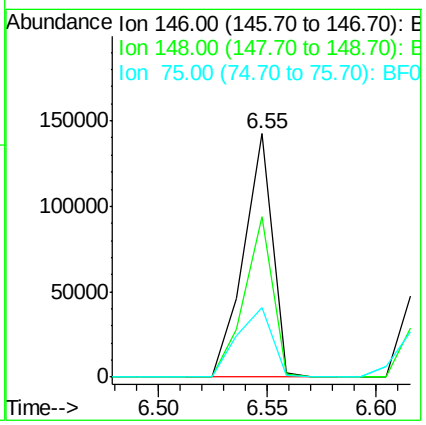
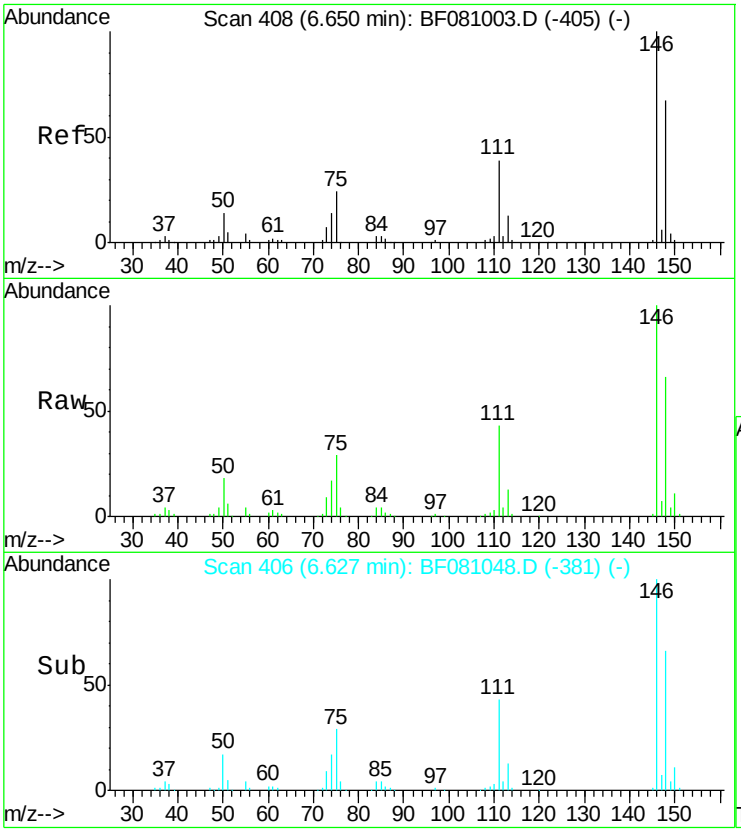



#12
1,3-Dichlorobenzene
Concen: 33.05 ng
RT: 6.55 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:146 Resp: 131593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.7 | 53.3 | 79.9 |
| 75 | 28.7 | 25.0 | 37.6 |

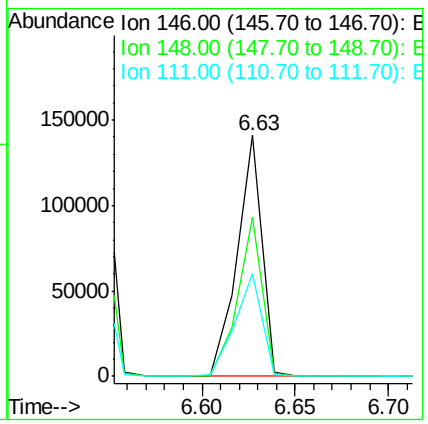





#13
1,4-Dichlorobenzene
Concen: 33.31 ng
RT: 6.63 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:146 Resp: 131306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 66.1 | 52.3 | 78.5 |
| 111 | 42.7 | 34.4 | 51.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
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**Manual Integrations APPROVED**
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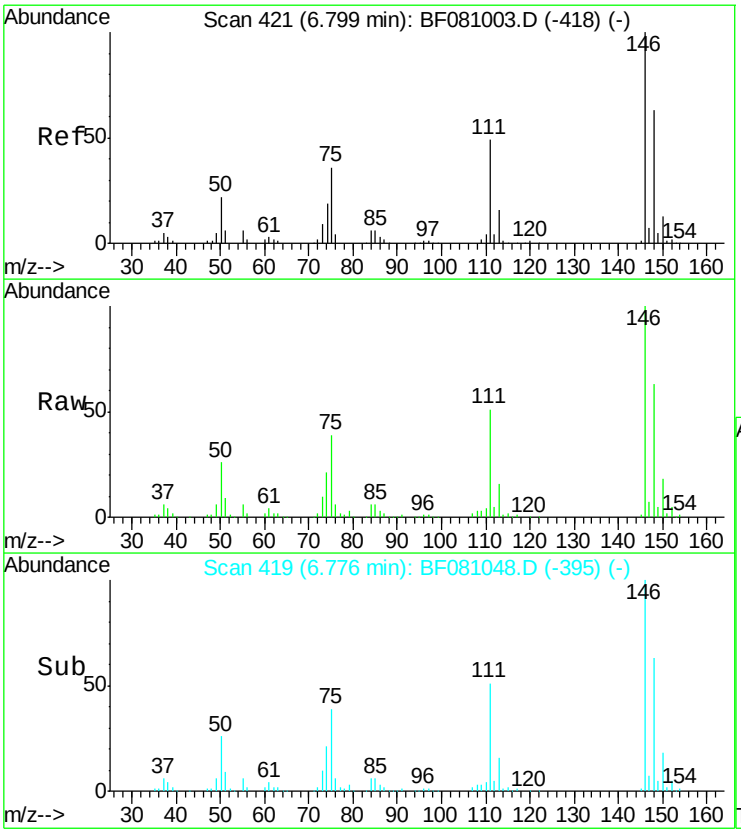
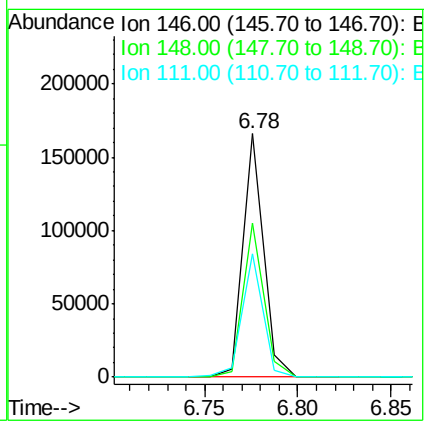
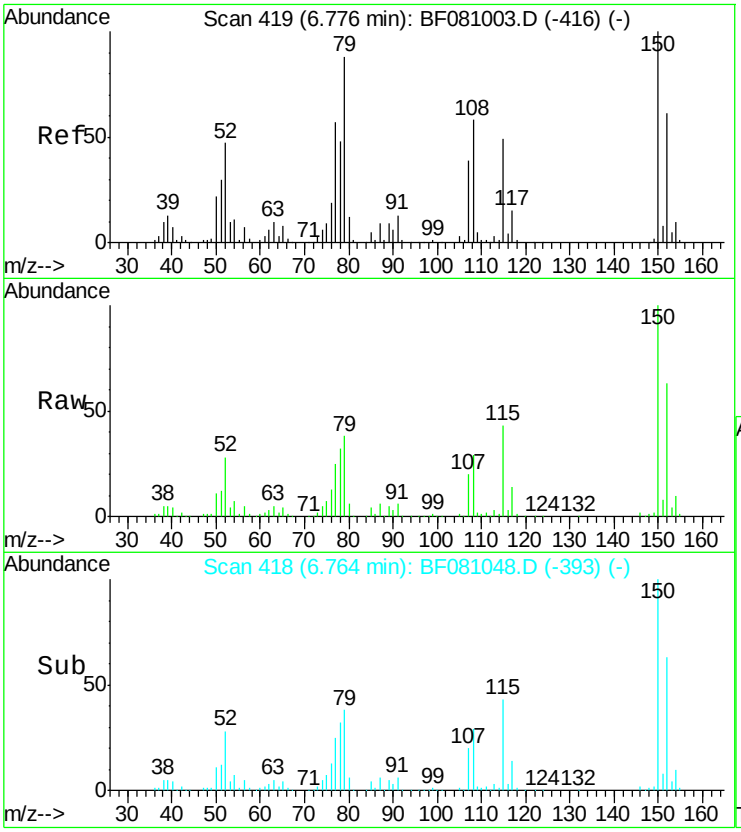



#14
1,2-Dichlorobenzene
Concen: 34.72 ng
RT: 6.78 min Scan# 419
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:146 Resp: 128123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.4 | 48.7 | 73.1 |
| 111 | 50.5 | 42.3 | 63.5 |

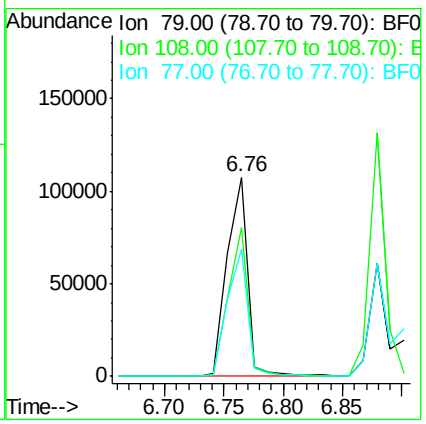





#15
Benzyl Alcohol
Concen: 36.03 ng
RT: 6.76 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion: 79 Resp: 128771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 74.8 | 49.4 | 74.2# |
| 77 | 64.0 | 51.4 | 77.0 |




**Instrument :**
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**ClientSampleId :**
PB85025BS

**Manual Integrations APPROVED**
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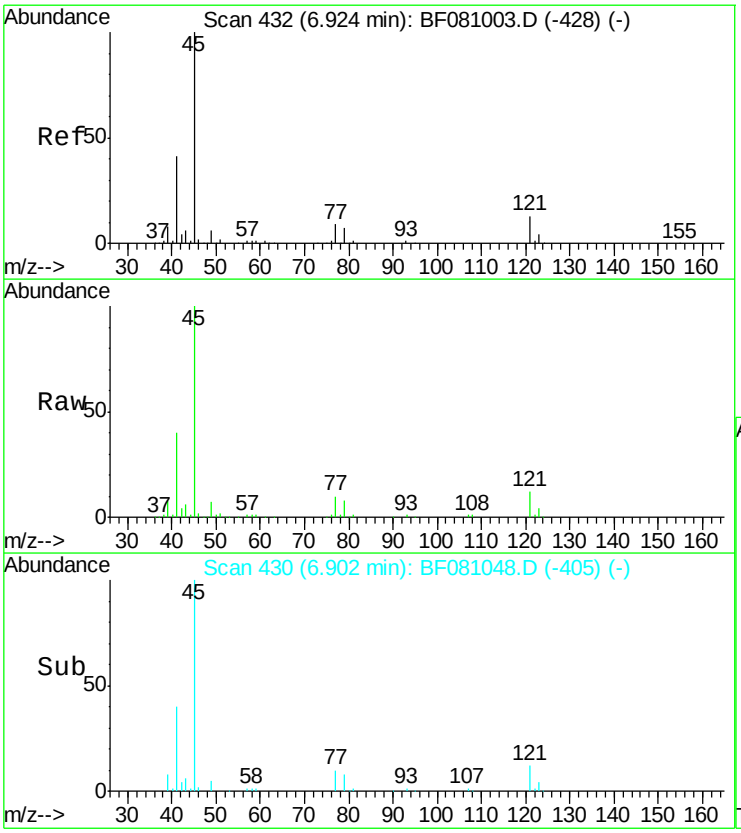
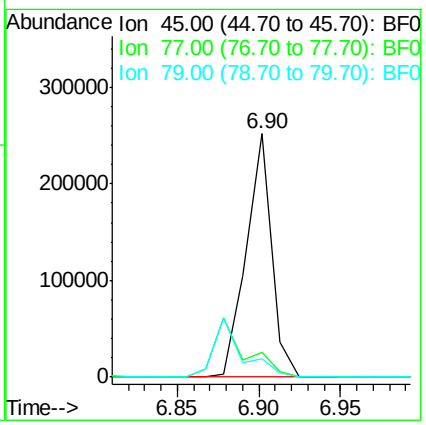
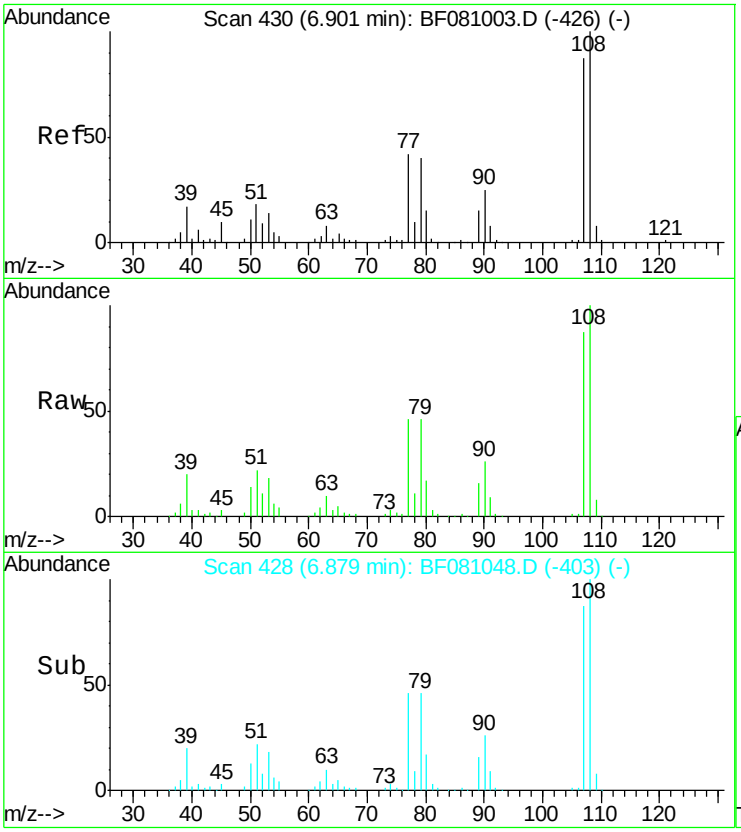



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.58 ng
RT: 6.90 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion: 45 Resp: 271974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 10.1 | 0.0 | 30.2 |
| 79 | 7.7 | 0.0 | 28.0 |

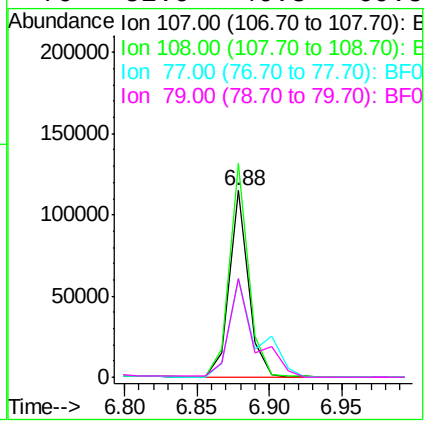





#17
2-Methylphenol
Concen: 33.12 ng
RT: 6.88 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:107 Resp: 105297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.6 | 90.4 | 135.6 |
| 77 | 53.1 | 46.5 | 69.7 |
| 79 | 52.9 | 46.3 | 69.5 |




**Instrument :**
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**ClientSampleId :**
PB85025BS

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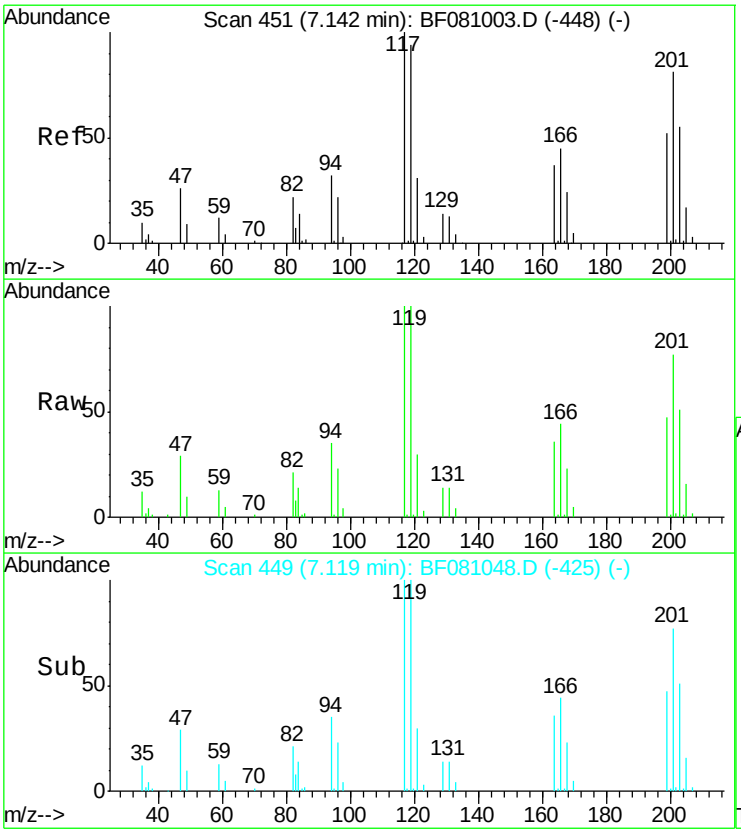
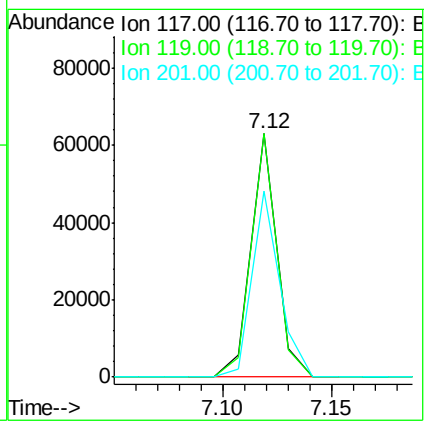
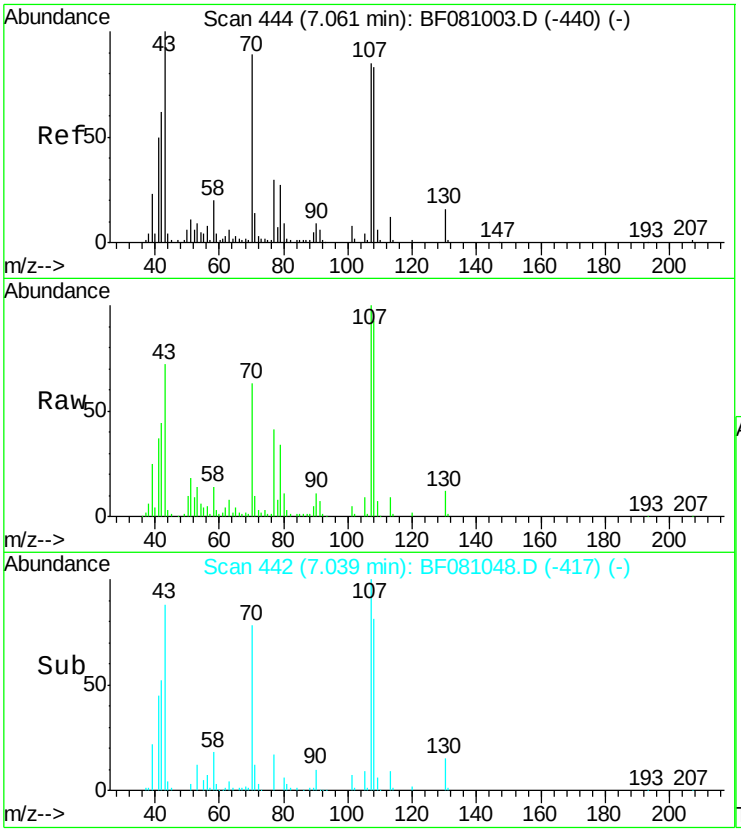



#18
Hexachloroethane
Concen: 32.66 ng
RT: 7.12 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:117 Resp: 52026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 100.2 | 77.9 | 116.9 |
| 201 | 76.7 | 61.3 | 91.9 |






#19
n-Nitroso-di-n-propylamine
Concen: 35.66 ng
RT: 7.04 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

**Manual Integrations APPROVED**
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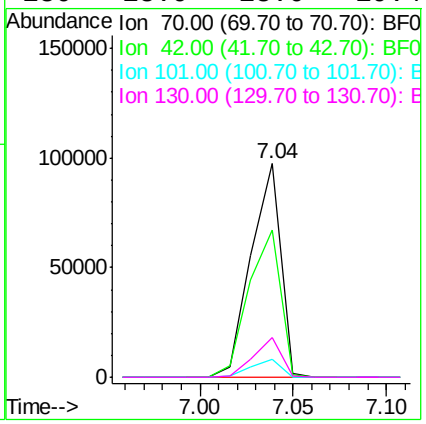
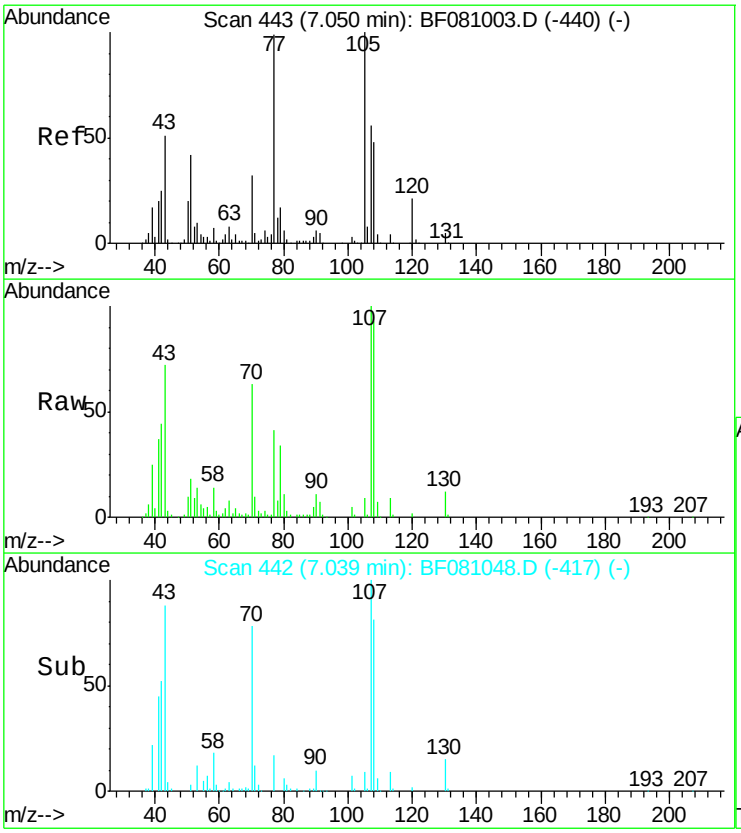
Tgt Ion: 70 Resp: 109118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 68.8 | 65.0 | 97.4 |
| 101 | 8.6 | 7.4 | 11.2 |
| 130 | 18.9 | 13.0 | 19.4 |

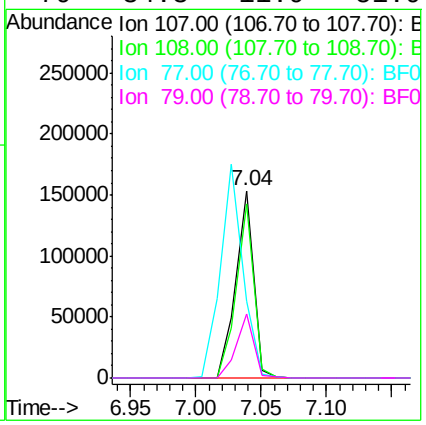


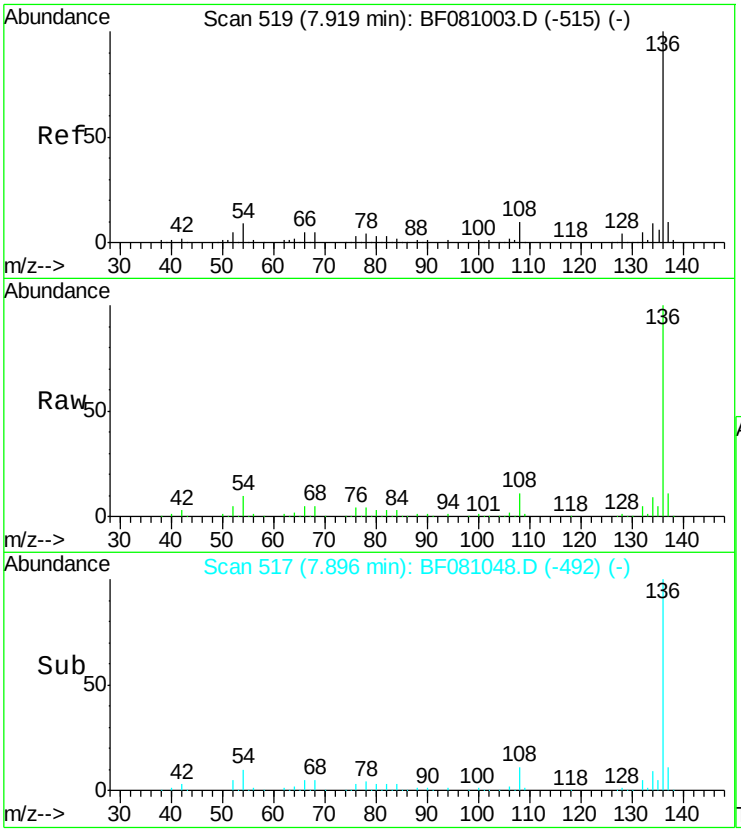




#20
3+4-Methylphenols
Concen: 36.07 ng
RT: 7.04 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:107 Resp: 145539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 93.3 | 66.1 | 106.1 |
| 77 | 41.0 | 139.3 | 179.3# |
| 79 | 34.3 | 11.9 | 51.9 |

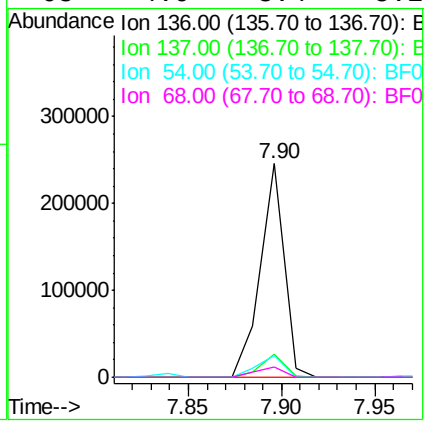





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:136 Resp: 215818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.2 | 12.2 |
| 54 | 10.1 | 7.7 | 11.5 |
| 68 | 4.9 | 3.4 | 5.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

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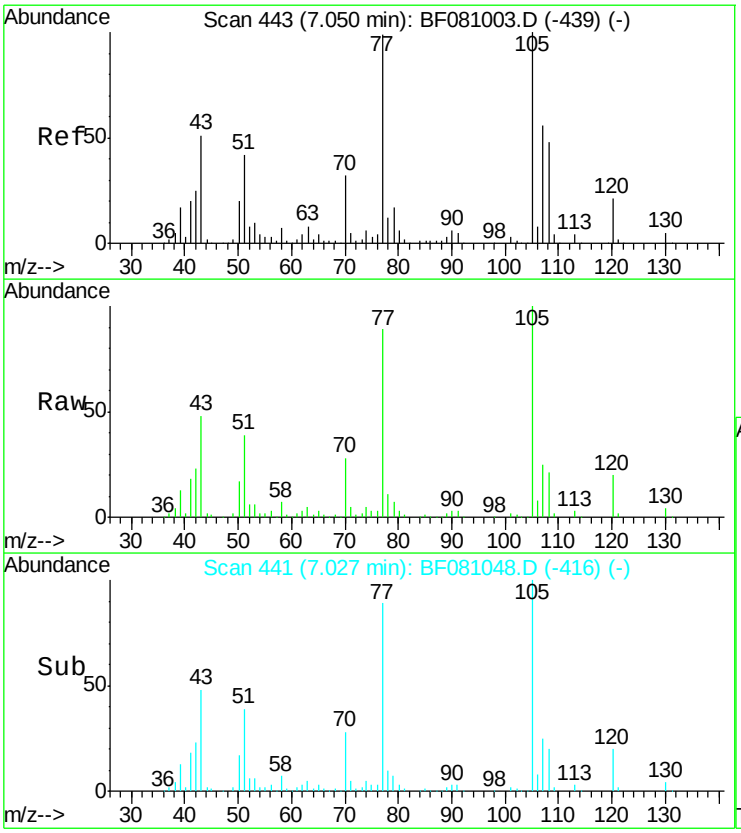
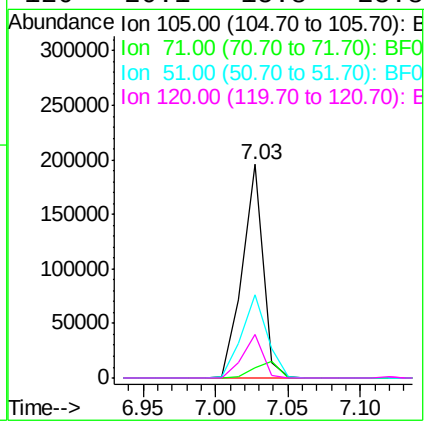
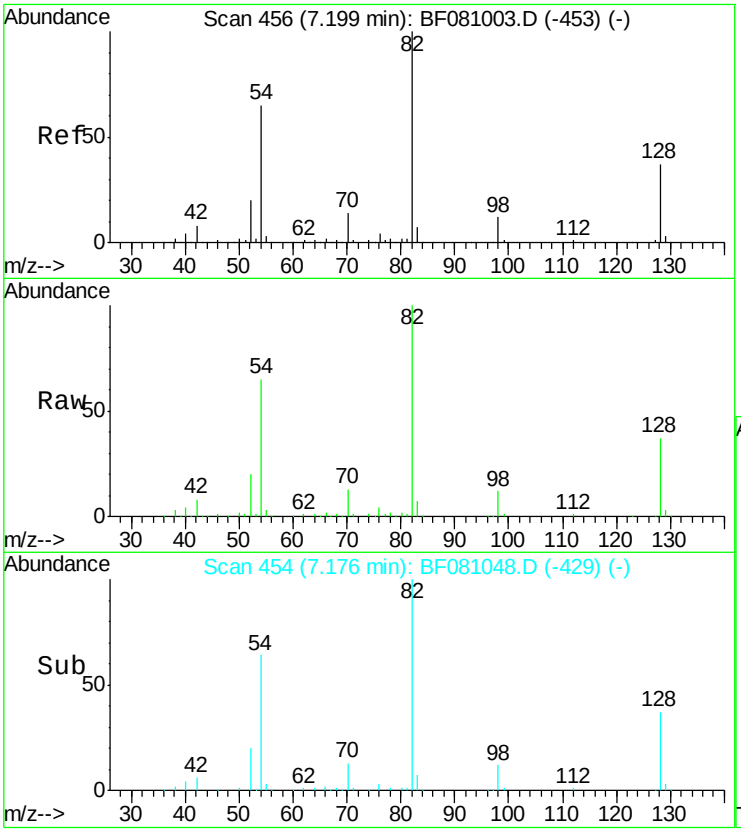



#22
Acetophenone
Concen: 34.25 ng
RT: 7.03 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:105 Resp: 194077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 4.6 | 3.0 | 4.6# |
| 51 | 39.2 | 39.8 | 59.8# |
| 120 | 20.1 | 15.8 | 23.8 |

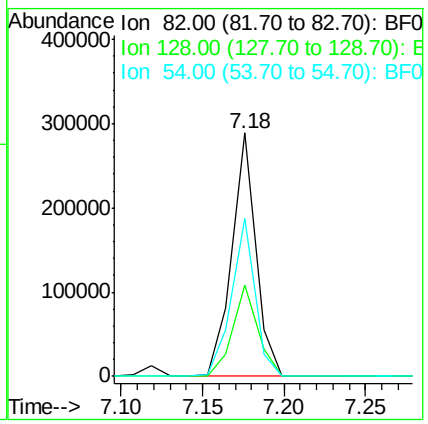





#23
Nitrobenzene-d5
Concen: 62.05 ng
RT: 7.18 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion: 82 Resp: 293155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 37.4 | 28.6 | 42.8 |
| 54 | 64.7 | 55.1 | 82.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

**Manual Integrations APPROVED**
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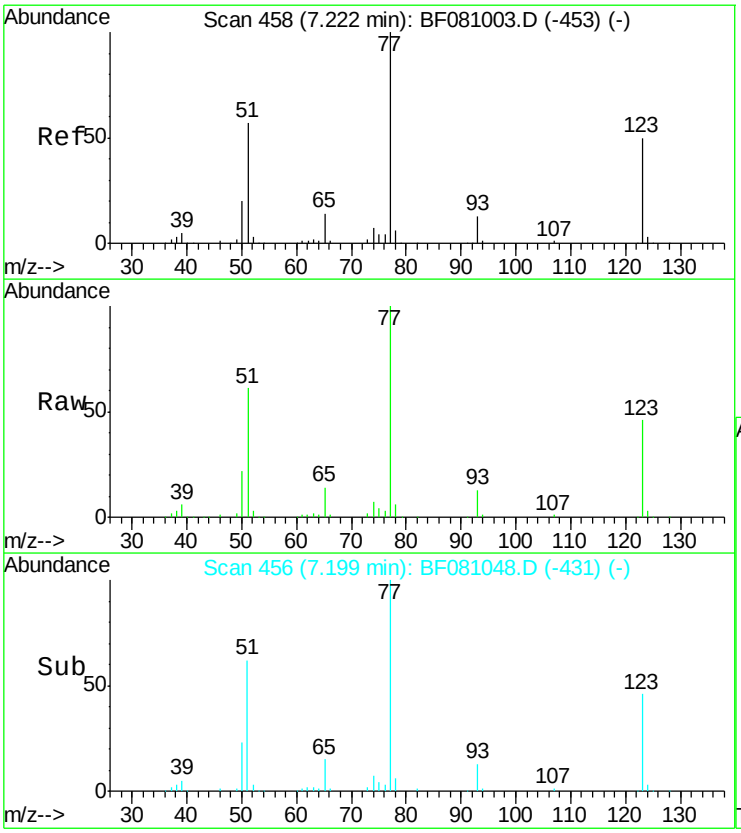
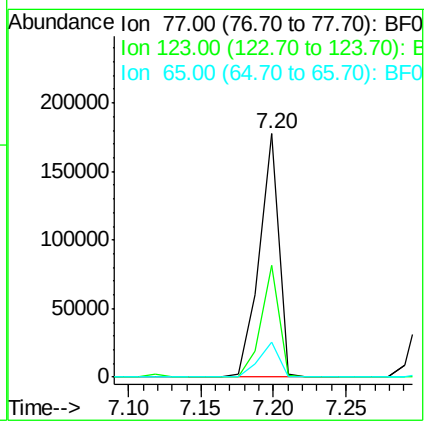
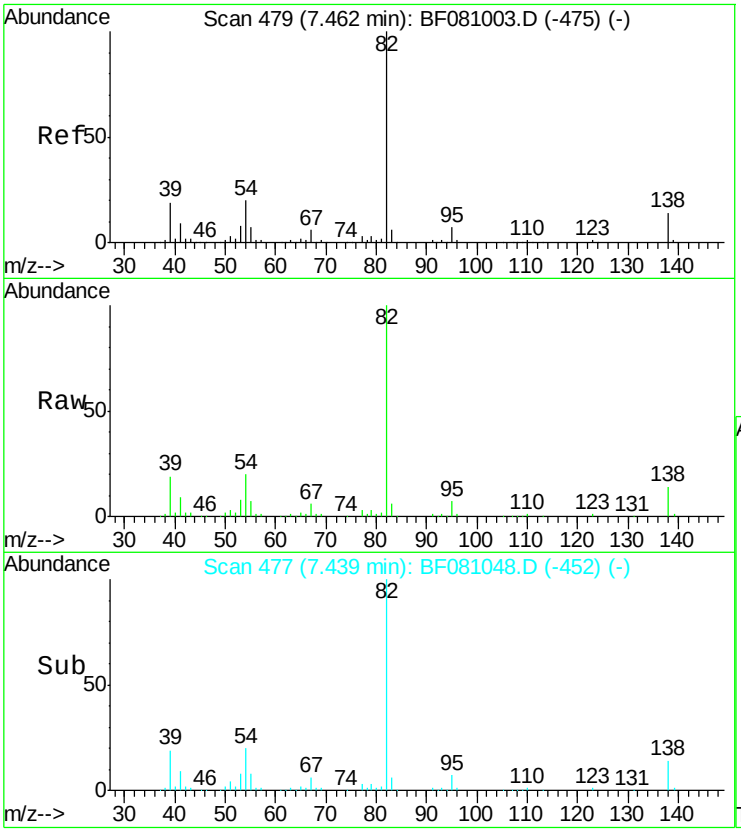



#24
Nitrobenzene
Concen: 33.66 ng
RT: 7.20 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion: 77 Resp: 166285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 45.7 | 32.9 | 49.3 |
| 65 | 14.5 | 12.5 | 18.7 |

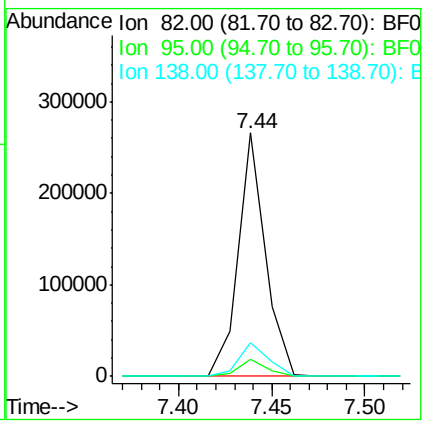





#25
Isophorone
Concen: 30.66 ng
RT: 7.44 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion: 82 Resp: 270134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.8 | 6.2 | 9.2 |
| 138 | 13.8 | 10.5 | 15.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

**Manual Integrations APPROVED**
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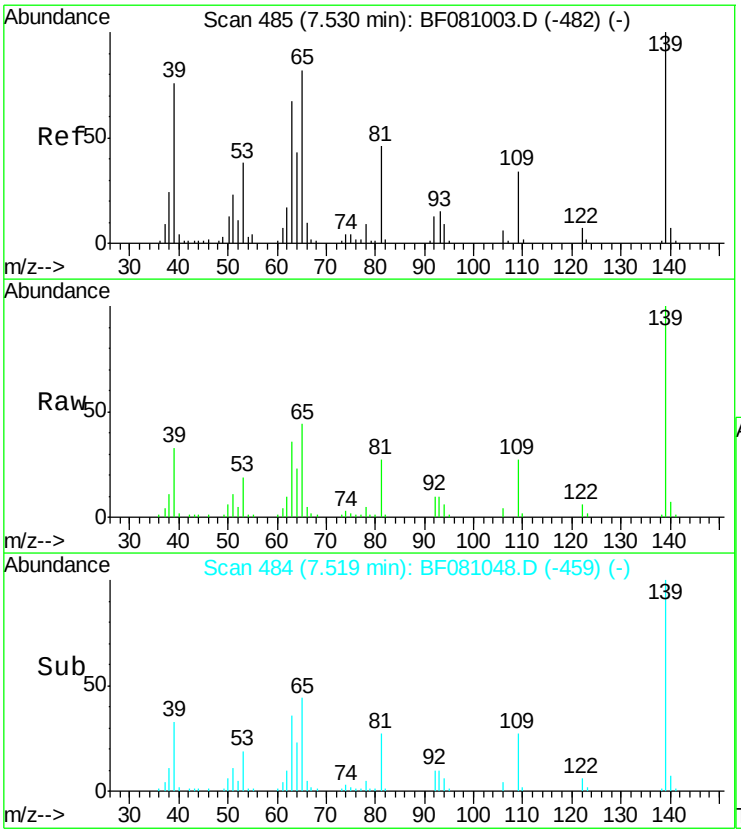
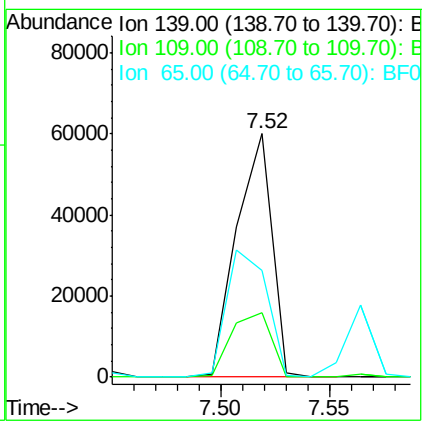
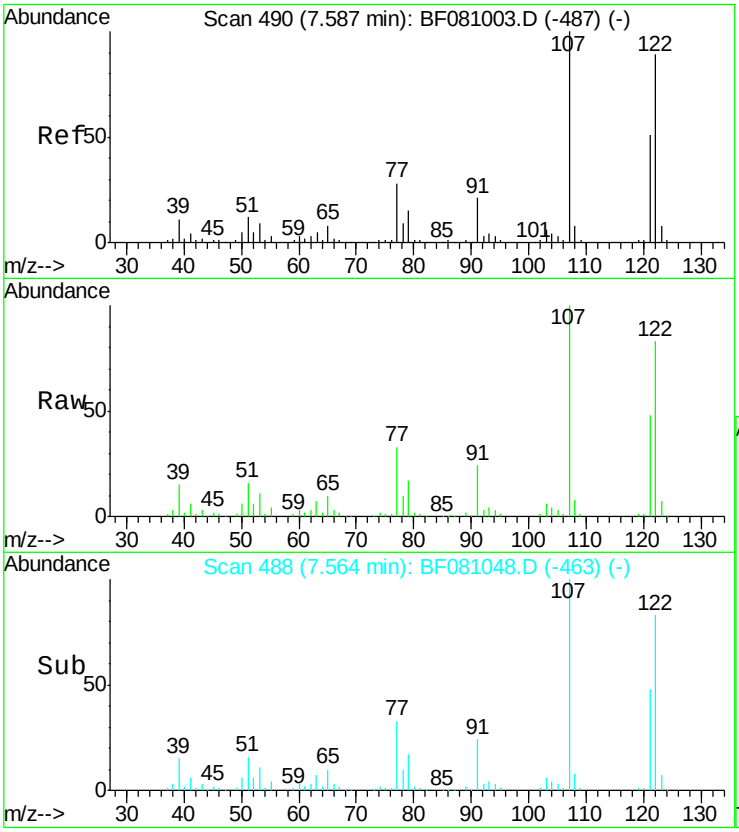



#26
2-Nitrophenol
Concen: 33.00 ng
RT: 7.52 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:139 Resp: 67795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 26.6 | 32.1 | 48.1# |
| 65 | 43.7 | 69.9 | 104.9# |

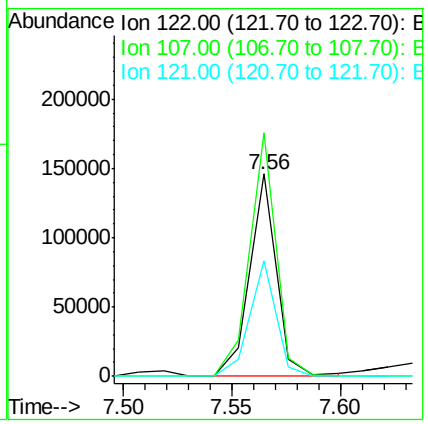





#27
2,4-Dimethylphenol
Concen: 34.28 ng
RT: 7.56 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:122 Resp: 124594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 120.3 | 103.8 | 155.6 |
| 121 | 57.4 | 47.0 | 70.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

**Manual Integrations APPROVED**
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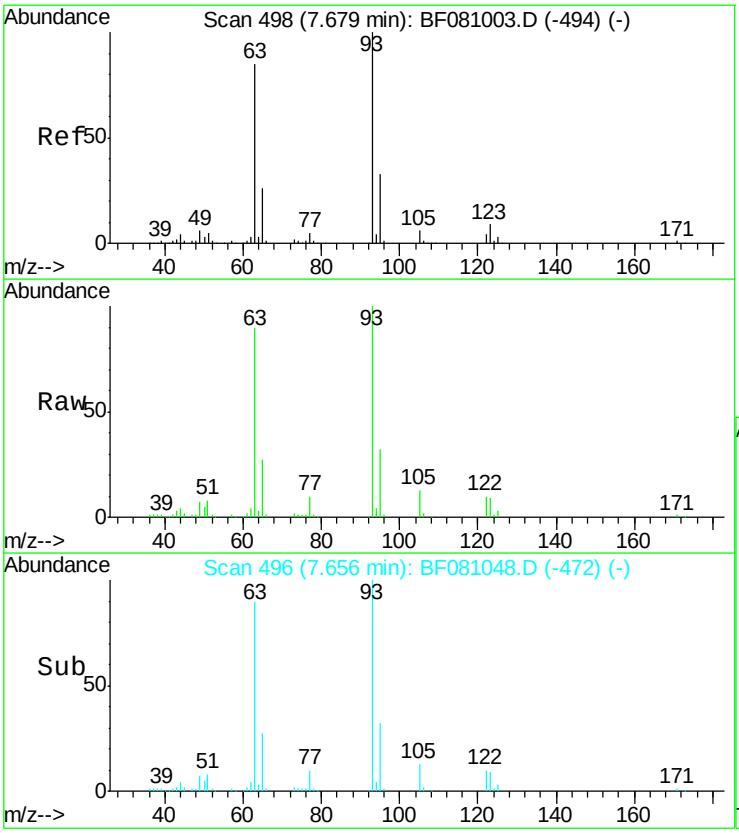
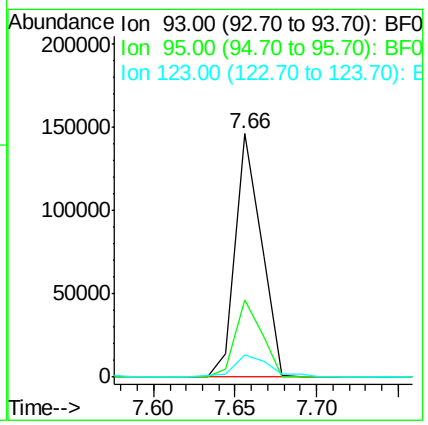
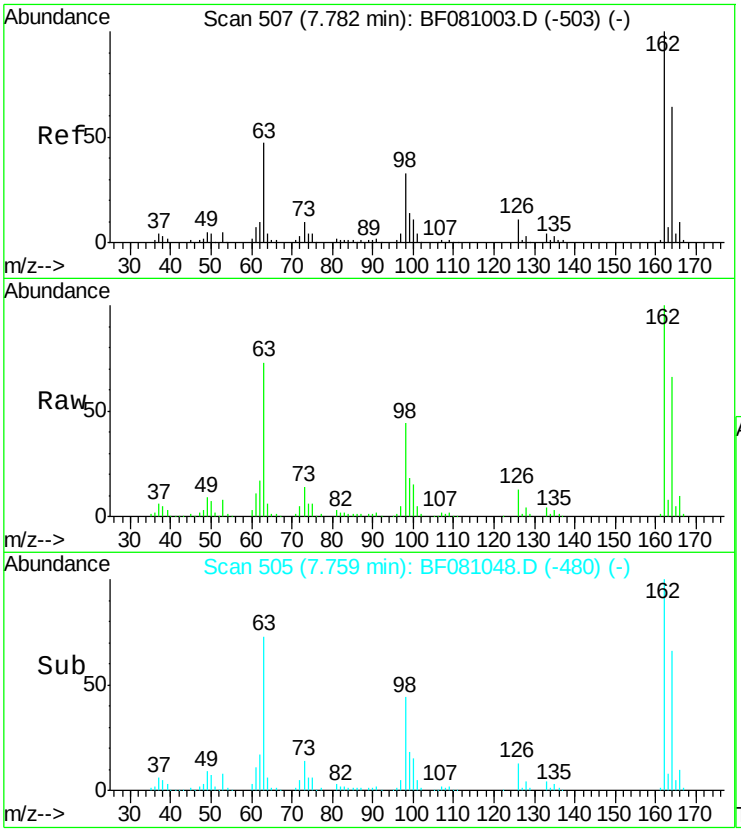



#28
bis(2-Chloroethoxy)methane
Concen: 30.93 ng
RT: 7.66 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion: 93 Resp: 160992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.8 | 25.8 | 38.8 |
| 123 | 9.2 | 7.4 | 11.0 |

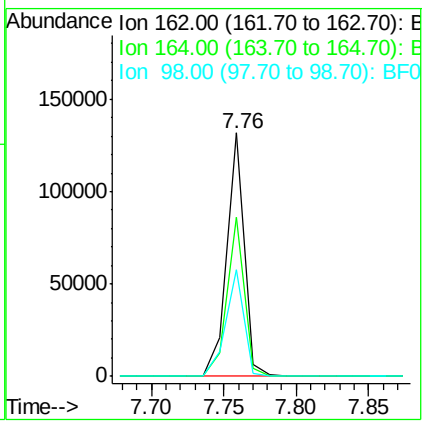





#29
2,4-Dichlorophenol
Concen: 36.04 ng
RT: 7.76 min Scan# 505
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:162 Resp: 110279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 65.5 | 43.2 | 83.2 |
| 98 | 43.9 | 12.3 | 52.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

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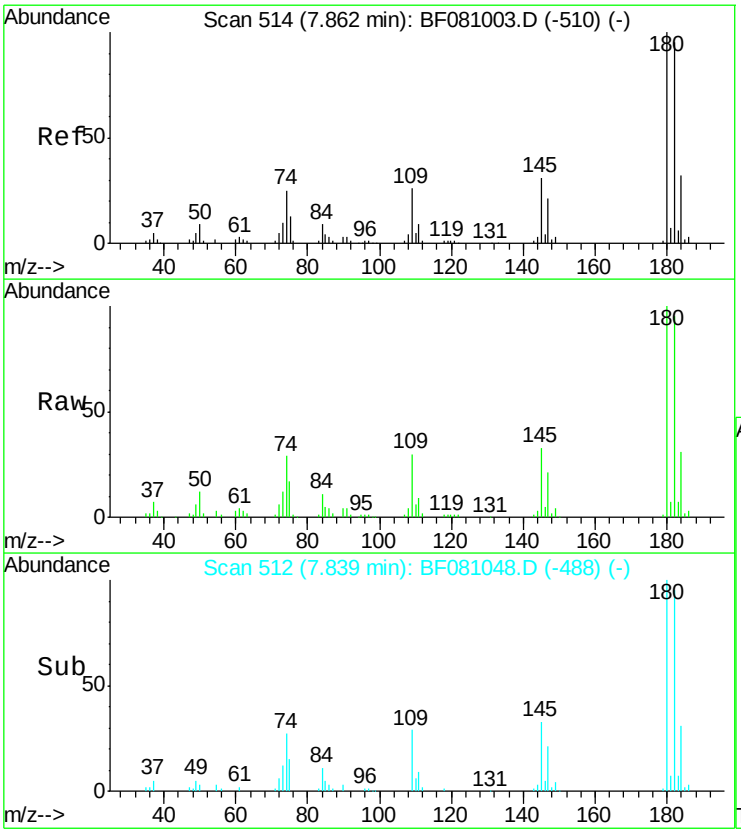
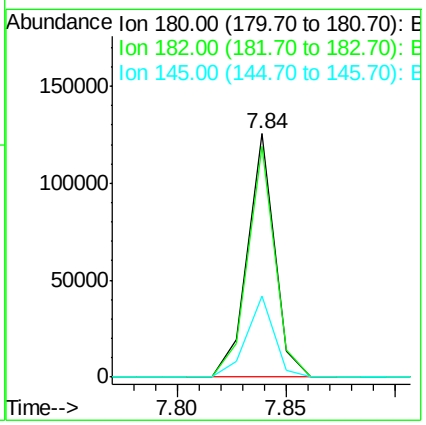
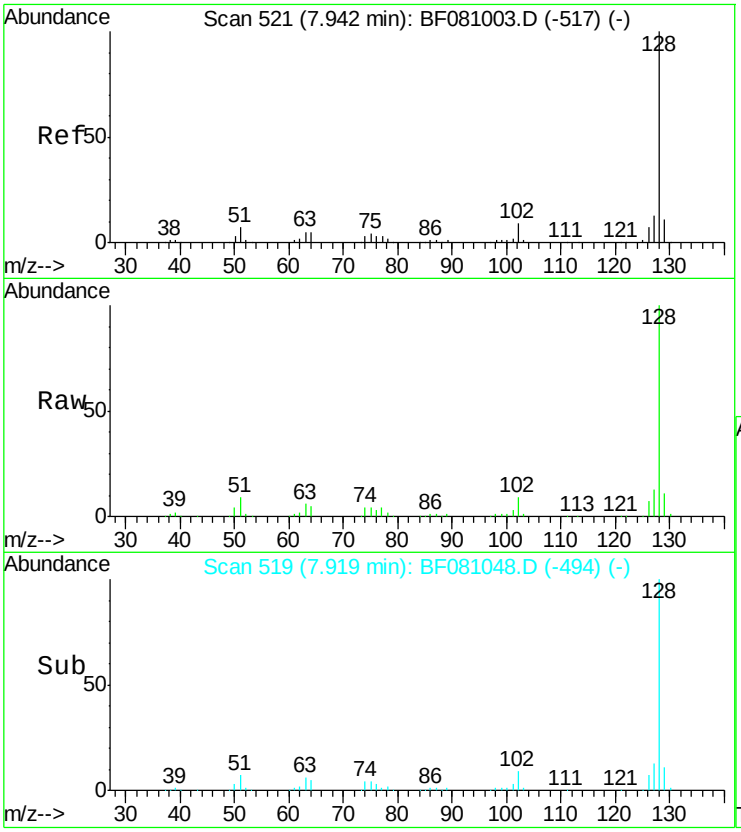



#30
1,2,4-Trichlorobenzene
Concen: 32.02 ng
RT: 7.84 min Scan# 512
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:180 Resp: 108875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.0 | 76.4 | 114.6 |
| 145 | 33.1 | 25.4 | 38.2 |

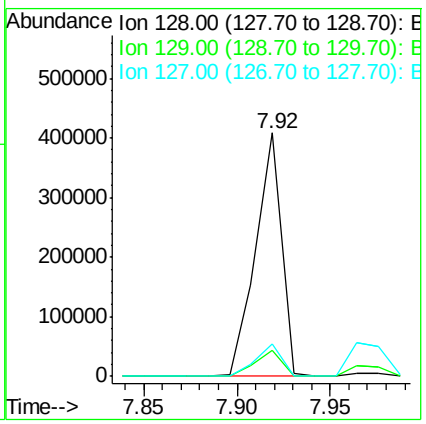





#31
Naphthalene
Concen: 32.48 ng
RT: 7.92 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:128 Resp: 390732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.8 | 8.4 | 12.6 |
| 127 | 13.3 | 10.6 | 16.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

**Manual Integrations APPROVED**
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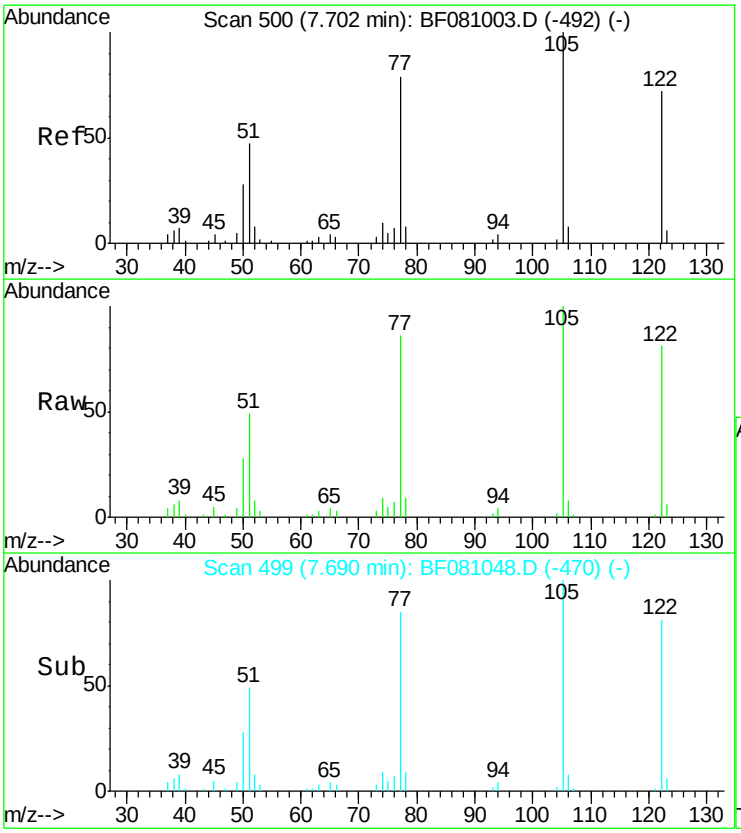
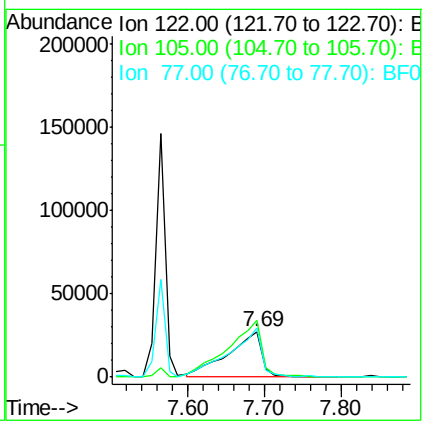
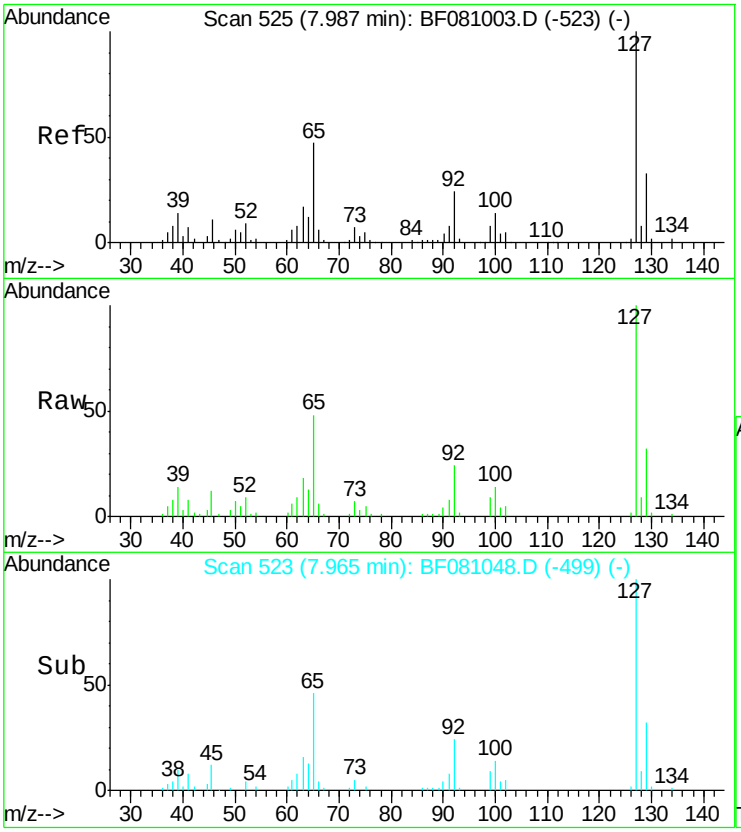



#32
Benzoic acid
Concen: 41.66 ng
RT: 7.69 min Scan# 499
Delta R.T. 0.03 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:122 Resp: 85172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 123.9 | 113.8 | 153.8 |
| 77 | 106.8 | 93.8 | 133.8 |

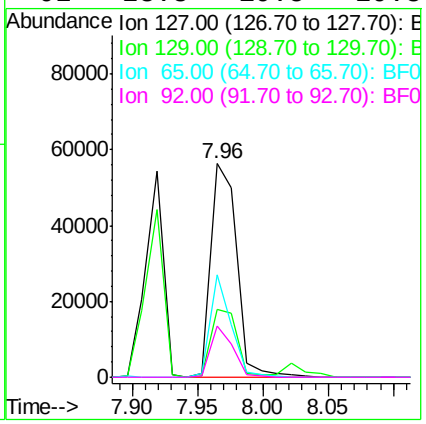





#33
4-Chloroaniline
Concen: 15.49 ng
RT: 7.96 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:127 Resp: 78617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.8 | 25.2 | 37.8 |
| 65 | 47.8 | 37.8 | 56.6 |
| 92 | 23.8 | 19.5 | 29.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

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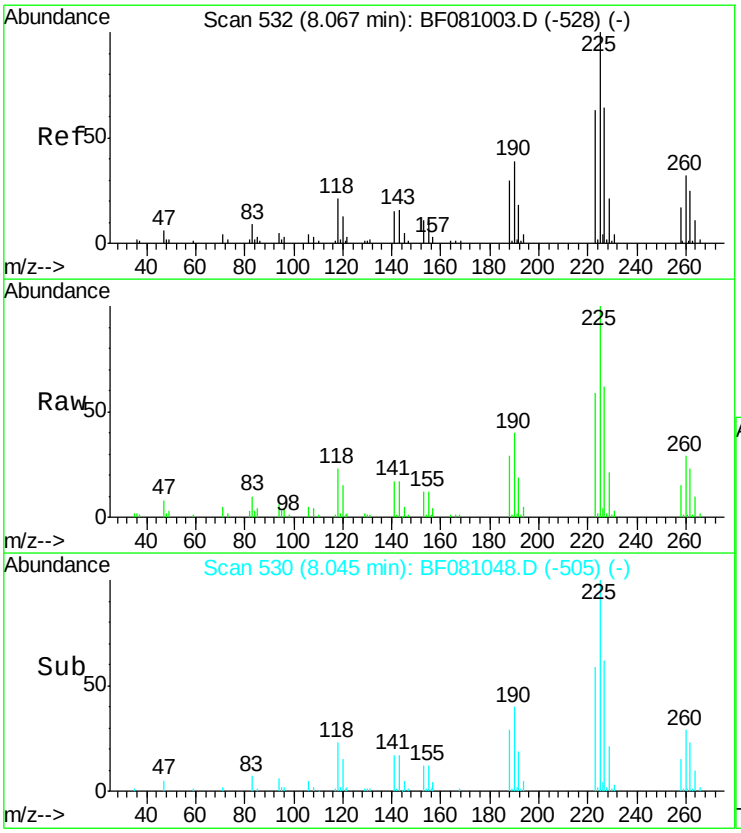
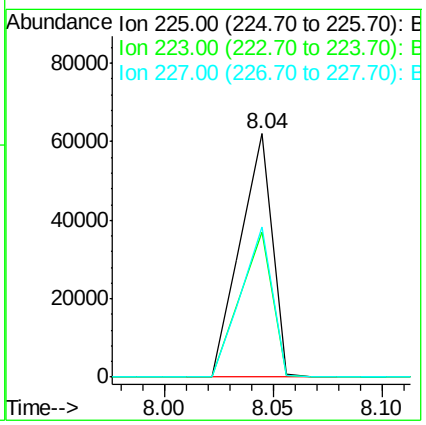
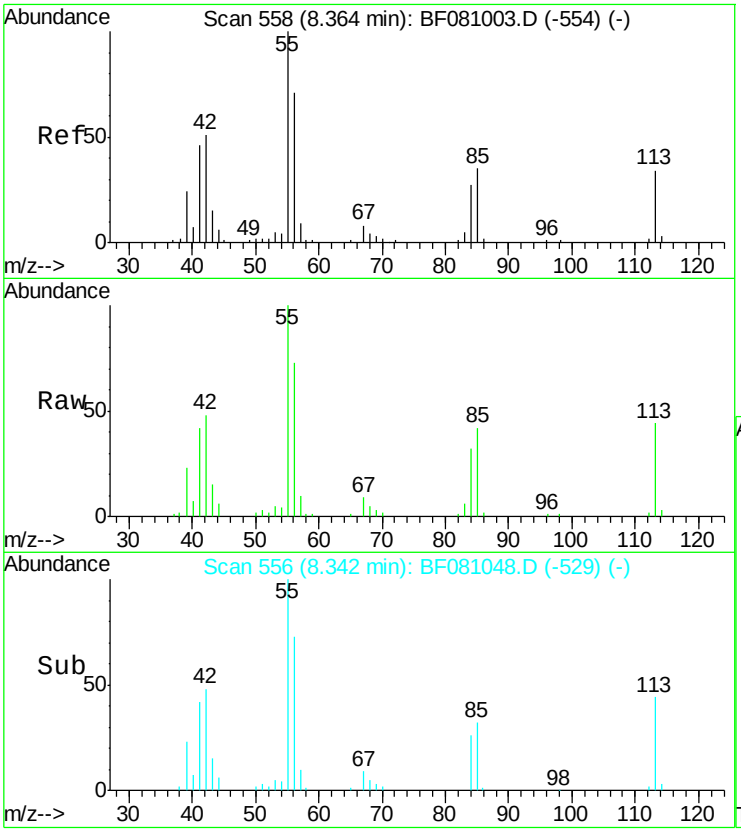



#34
Hexachlorobutadiene
Concen: 32.95 ng
RT: 8.04 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:225 Resp: 63358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 59.5 | 52.6 | 79.0 |
| 227 | 61.8 | 51.1 | 76.7 |

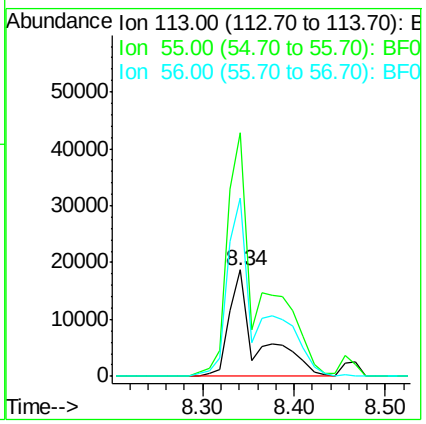





#35
Caprolactam
Concen: 37.95 ng m
RT: 8.34 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:113 Resp: 40578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 228.8 | 280.4 | 320.4# |
| 56 | 167.7 | 205.9 | 245.9# |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

**Manual Integrations APPROVED**
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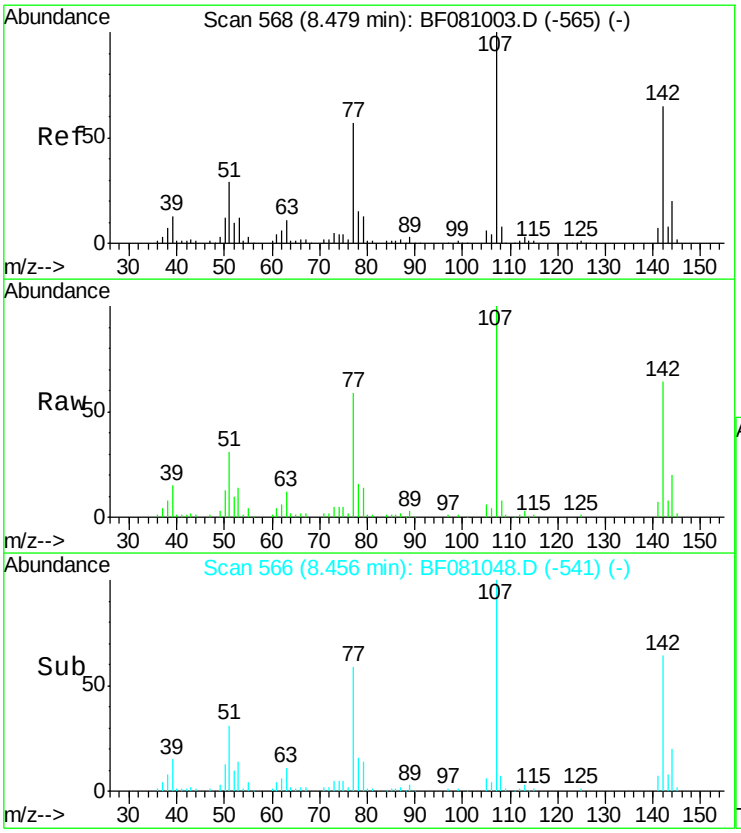
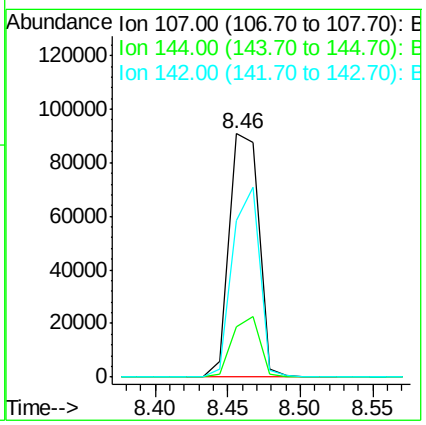
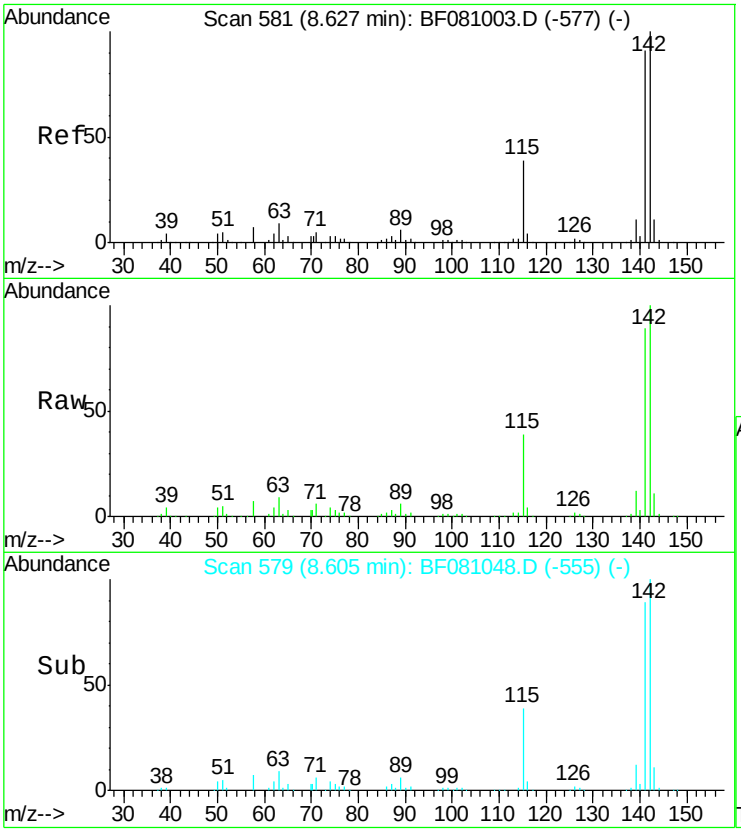



#36
4-Chloro-3-methylphenol
Concen: 35.52 ng
RT: 8.46 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:107 Resp: 129522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 20.5 | 17.2 | 25.8 |
| 142 | 64.4 | 54.9 | 82.3 |

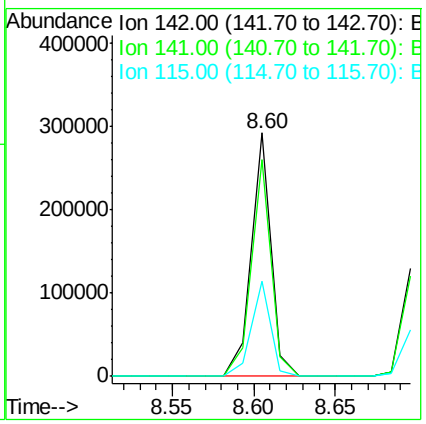





#37
2-Methylnaphthalene
Concen: 32.38 ng
RT: 8.60 min Scan# 579
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:142 Resp: 246085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.9 | 71.4 | 107.2 |
| 115 | 39.1 | 33.4 | 50.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

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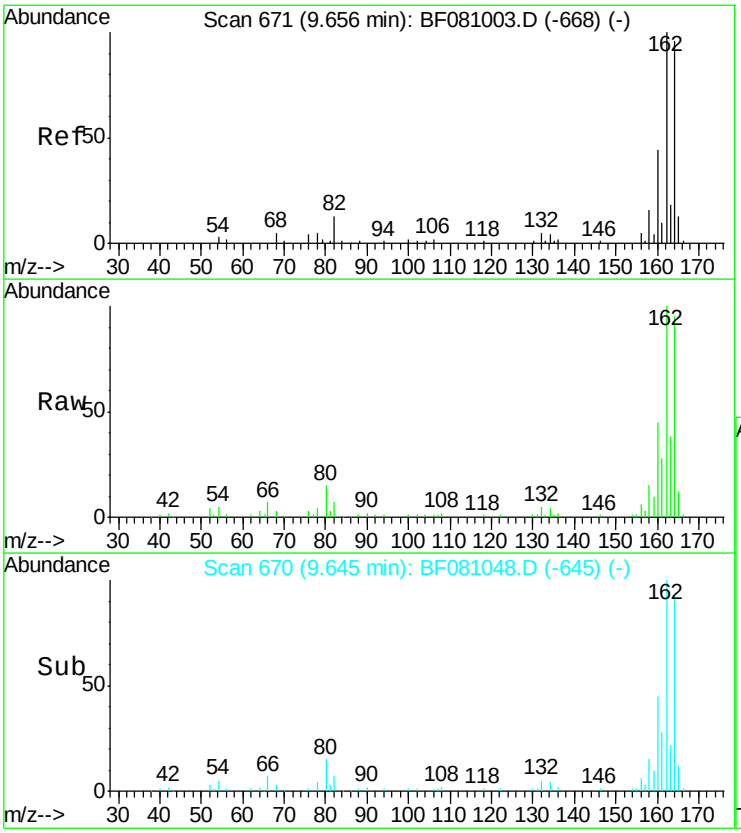
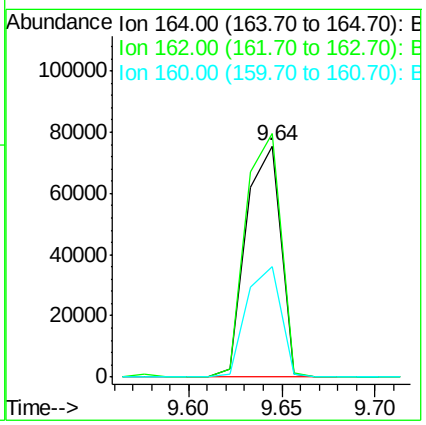
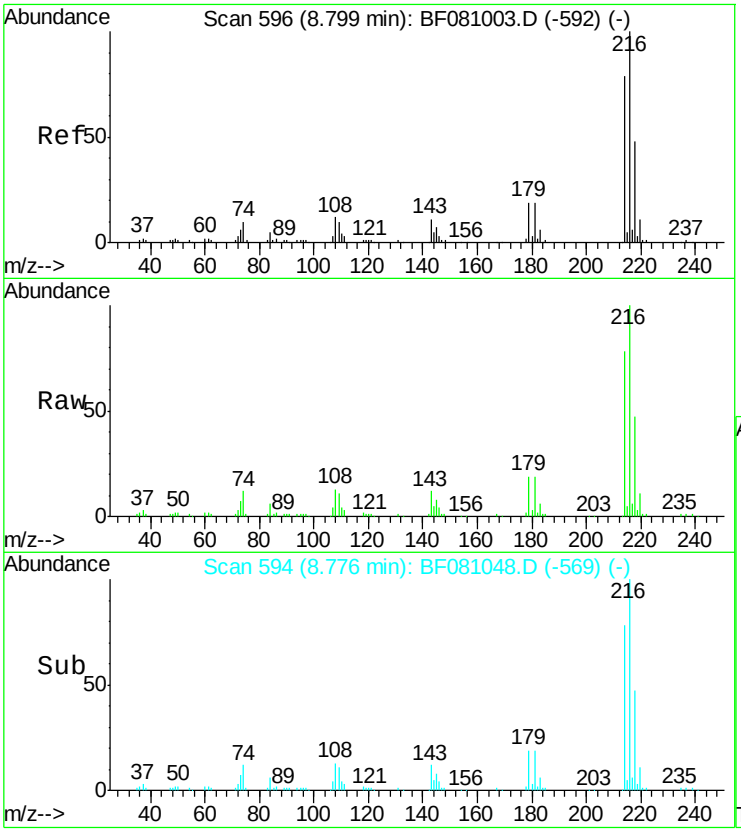



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:164 Resp: 96787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.3 | 83.8 | 125.8 |
| 160 | 47.6 | 39.8 | 59.8 |

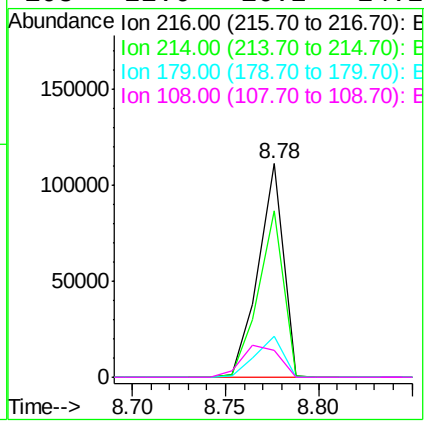





#39
1,2,4,5-Tetrachlorobenzene
Concen: 33.30 ng
RT: 8.78 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:216 Resp: 103980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.3 | 63.8 | 95.8 |
| 179 | 20.9 | 17.8 | 26.8 |
| 108 | 22.6 | 16.2 | 24.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

**Manual Integrations APPROVED**
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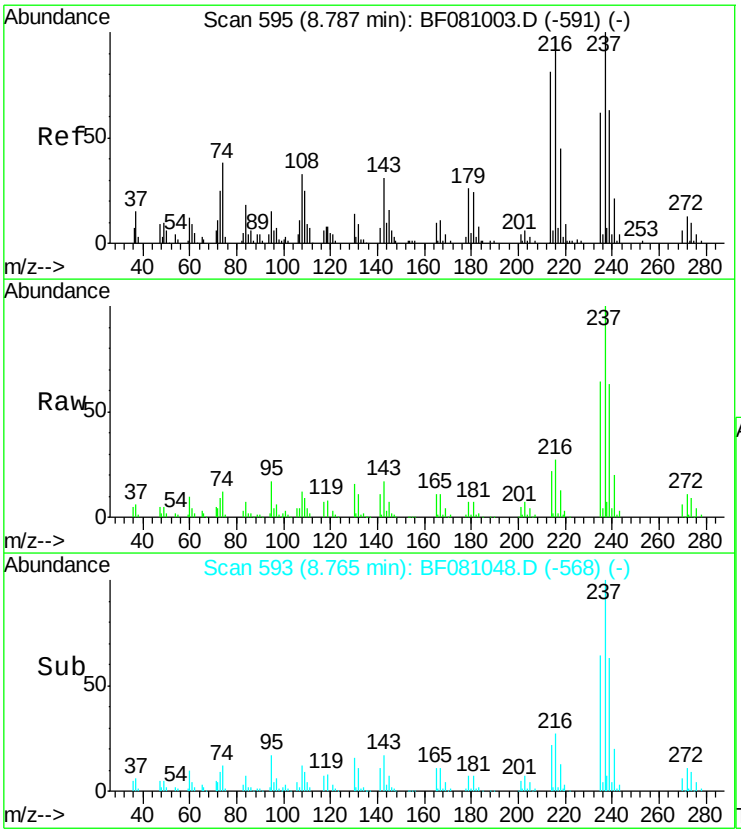
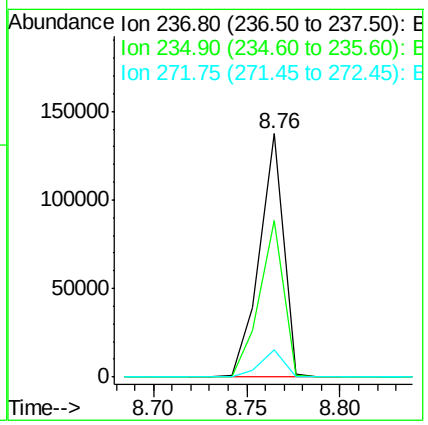
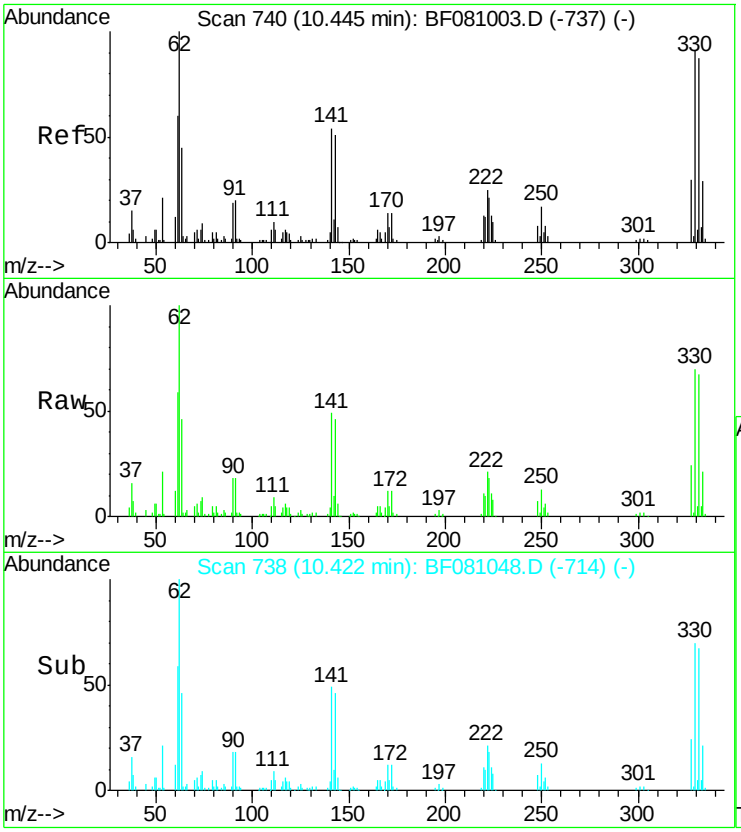



#40
Hexachlorocyclopentadiene
Concen: 75.96 ng
RT: 8.76 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:237 Resp: 122775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 64.3 | 43.6 | 83.6 |
| 272 | 11.1 | 0.0 | 32.2 |

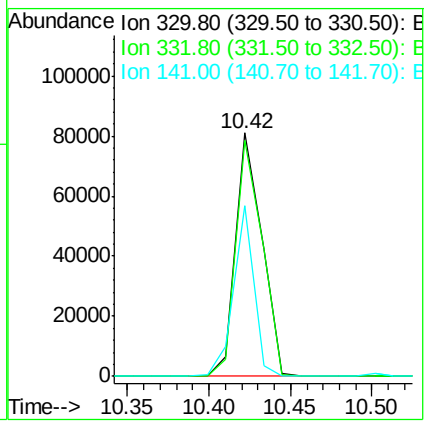





#41
2,4,6-Tribromophenol
Concen: 107.12 ng
RT: 10.42 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:330 Resp: 89875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.0 | 77.3 | 115.9 |
| 141 | 53.9 | 44.9 | 67.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

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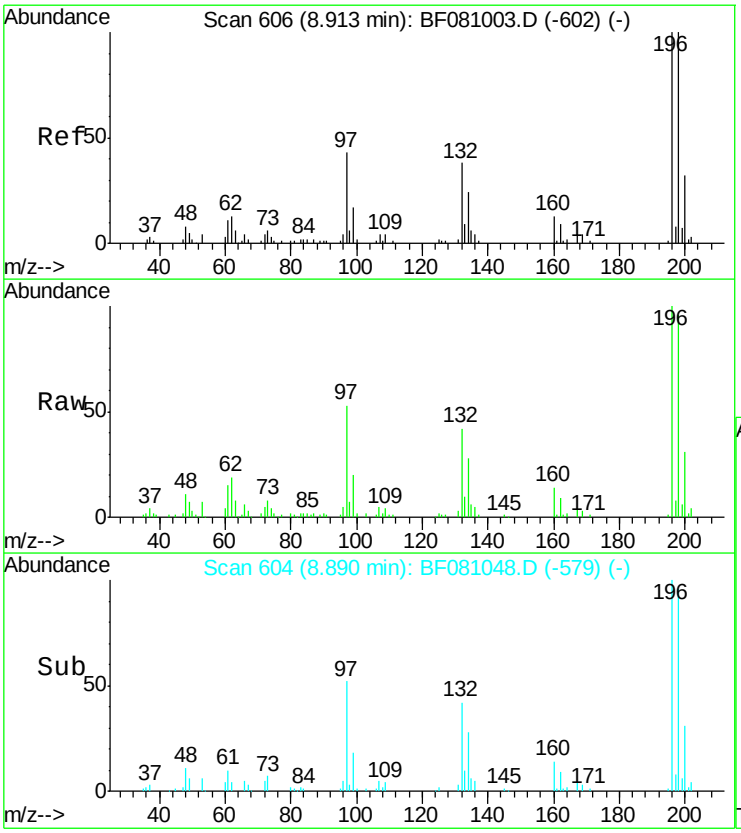
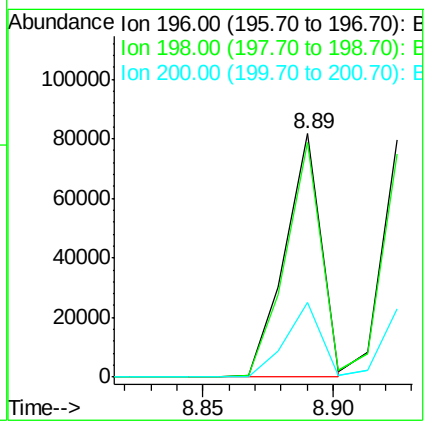
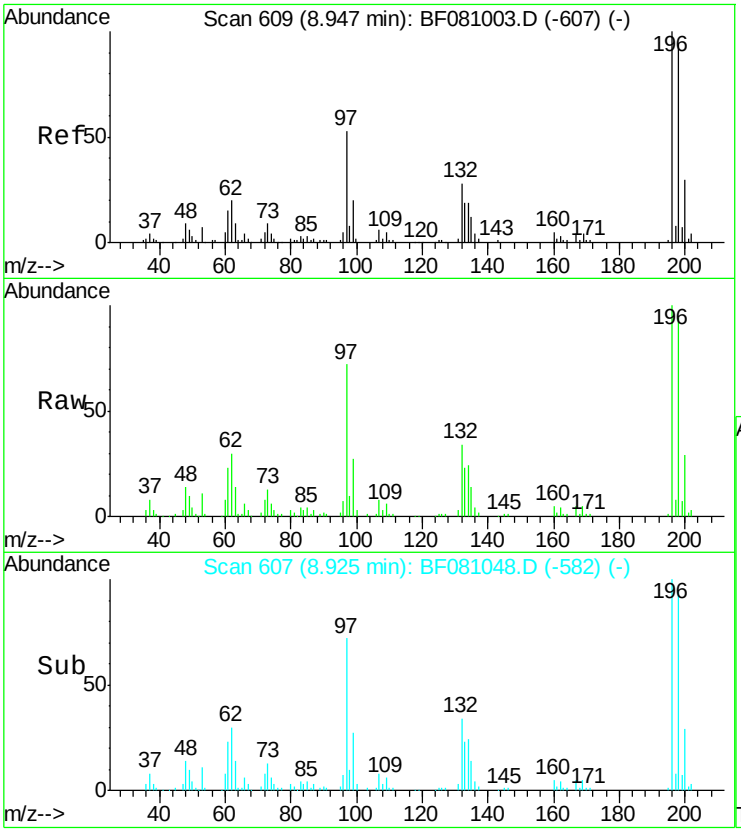



#42
2,4,6-Trichlorophenol
Concen: 35.66 ng
RT: 8.89 min Scan# 604
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:196 Resp: 78665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.3 | 74.6 | 111.8 |
| 200 | 30.5 | 22.7 | 34.1 |

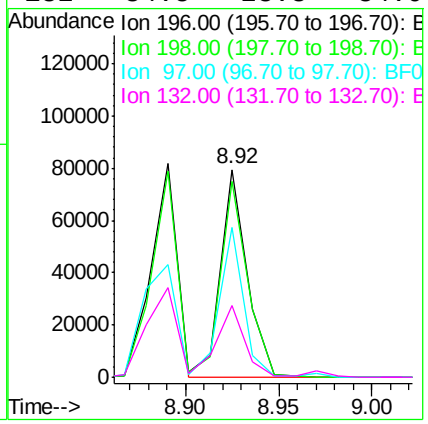





#43
2,4,5-Trichlorophenol
Concen: 35.90 ng
RT: 8.92 min Scan# 607
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:196 Resp: 79147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.0 | 78.3 | 117.5 |
| 97 | 71.8 | 42.7 | 64.1# |
| 132 | 34.5 | 23.3 | 34.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

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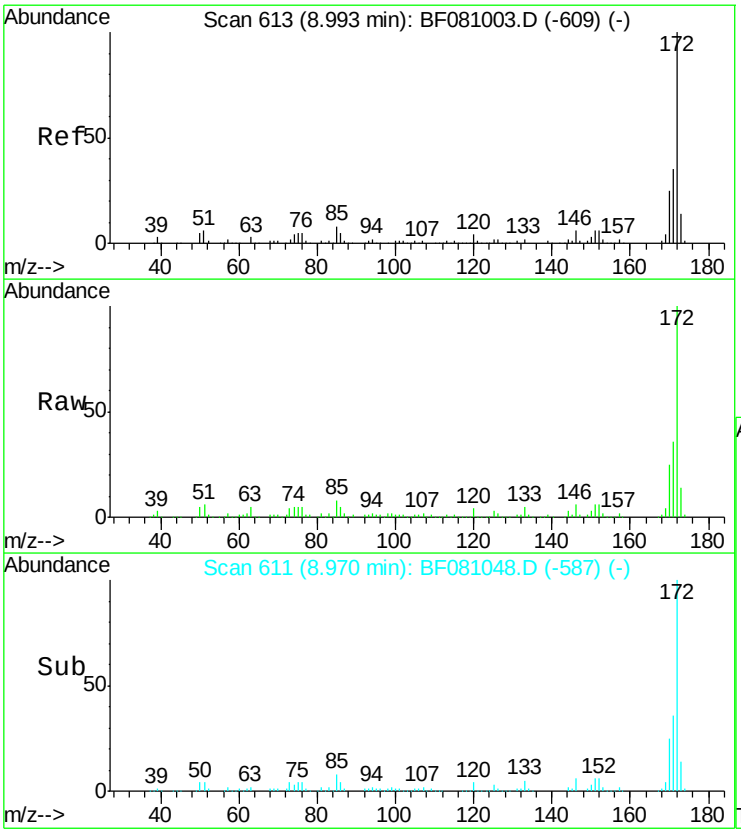
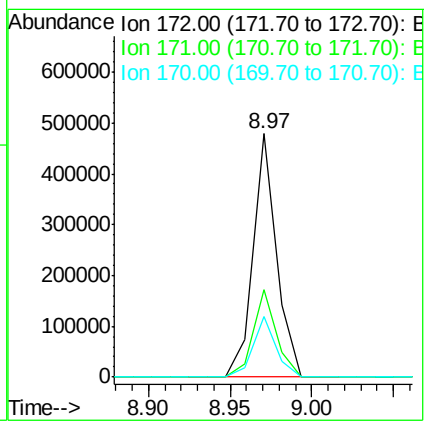
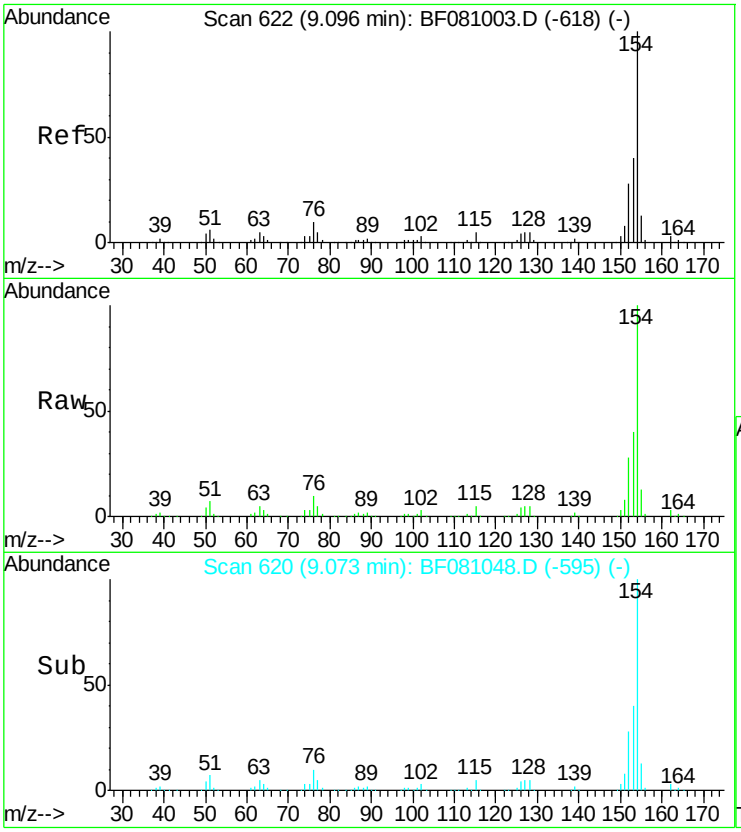



#44
2-Fluorobiphenyl
Concen: 64.63 ng
RT: 8.97 min Scan# 611
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:172 Resp: 477391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 28.9 | 43.3 |
| 170 | 24.7 | 19.4 | 29.2 |

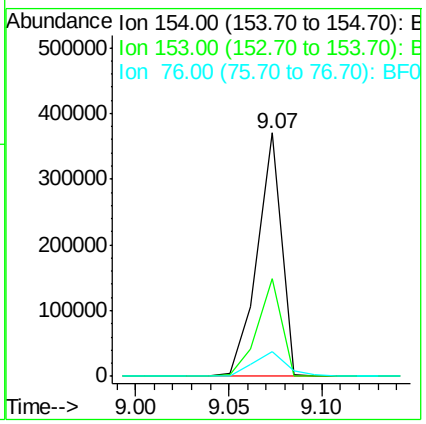





#45
1,1'-Biphenyl
Concen: 38.96 ng
RT: 9.07 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:154 Resp: 332180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.1 | 19.5 | 59.5 |
| 76 | 10.0 | 0.0 | 29.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

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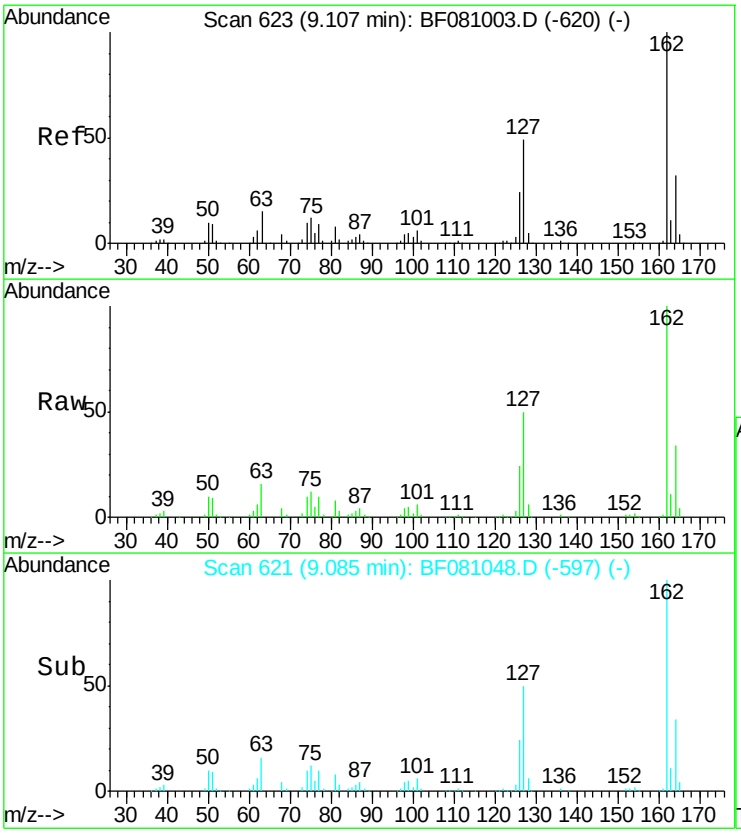
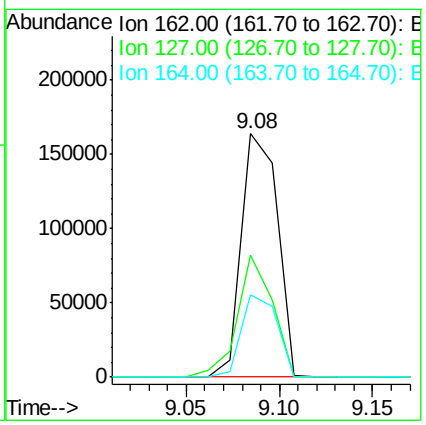
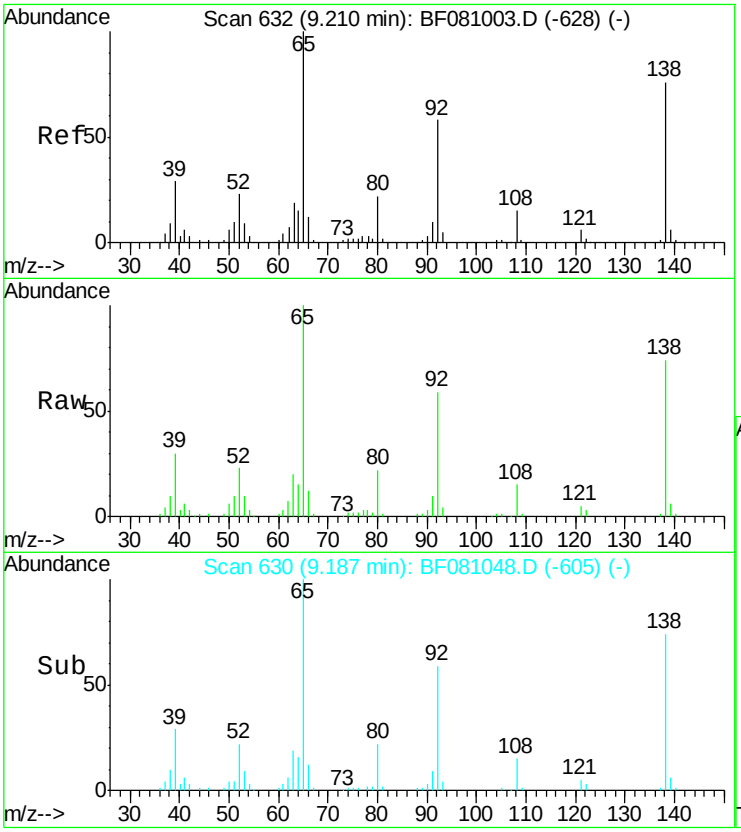



#46
2-Chloronaphthalene
Concen: 32.10 ng
RT: 9.08 min Scan# 621
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:162 Resp: 219881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 50.2 | 31.3 | 46.9# |
| 164 | 33.8 | 26.3 | 39.5 |

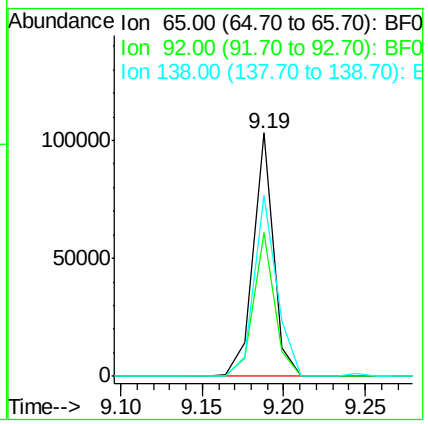





#47
2-Nitroaniline
Concen: 31.87 ng
RT: 9.19 min Scan# 630
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion: 65 Resp: 89318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 59.0 | 45.6 | 68.4 |
| 138 | 74.1 | 57.9 | 86.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

**Manual Integrations APPROVED**
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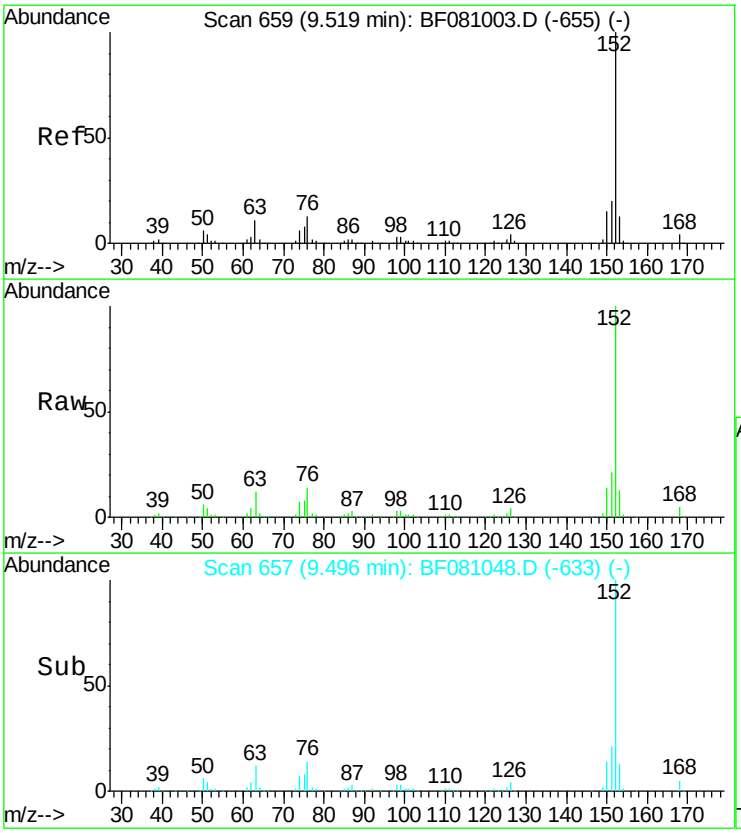
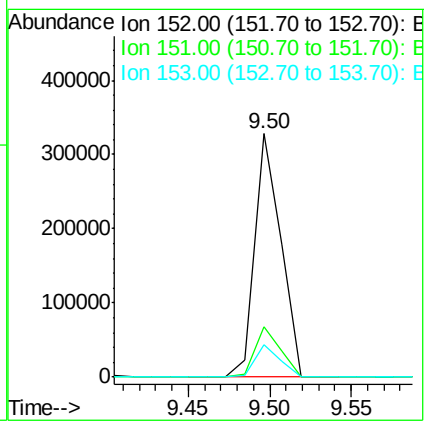
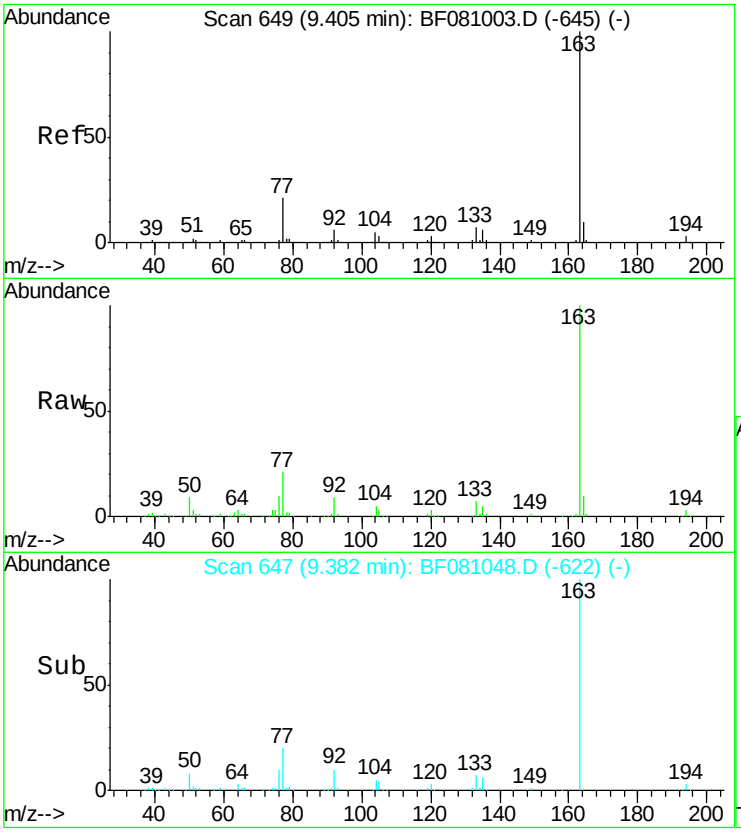



#48
Acenaphthylene
Concen: 29.74 ng
RT: 9.50 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:152 Resp: 364425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.5 | 16.1 | 24.1 |
| 153 | 13.4 | 9.8 | 14.6 |

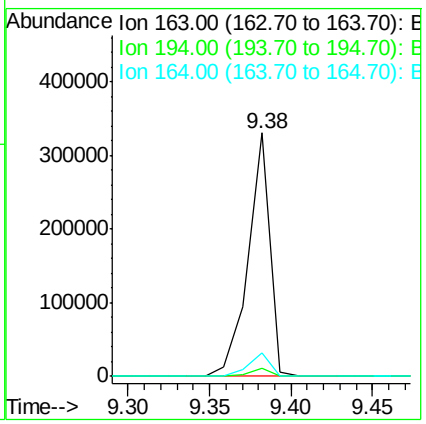





#49
Dimethylphthalate
Concen: 38.11 ng
RT: 9.38 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:163 Resp: 303753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.3 | 2.5 | 3.7 |
| 164 | 9.5 | 8.1 | 12.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

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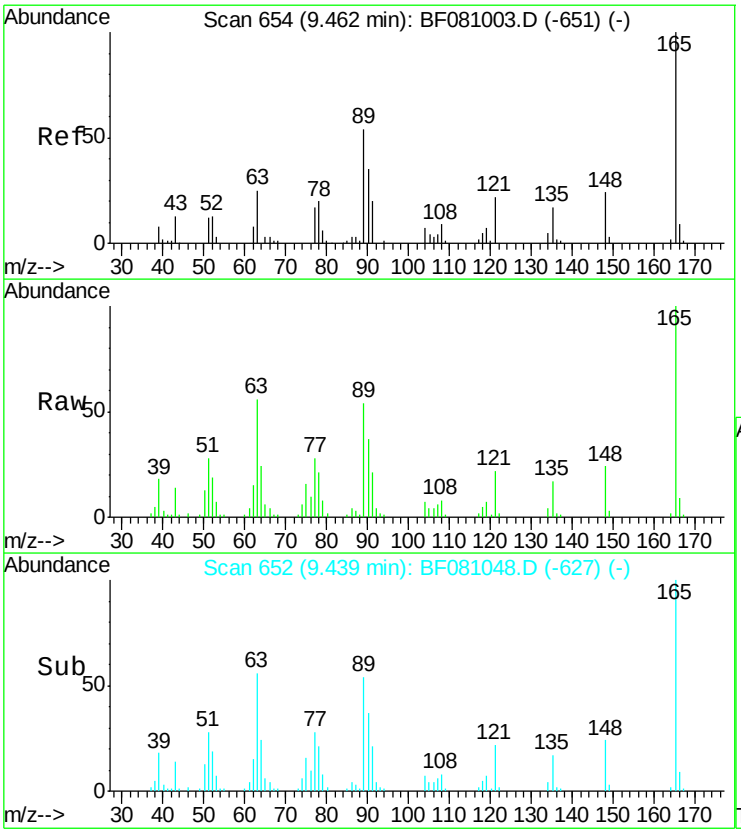
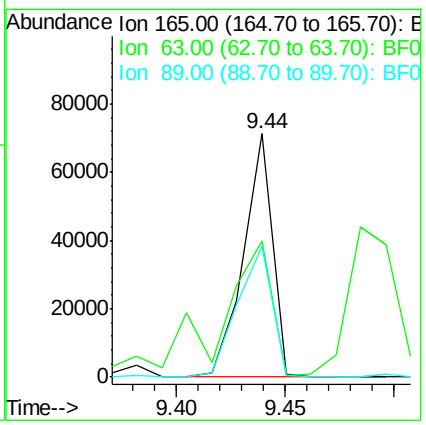
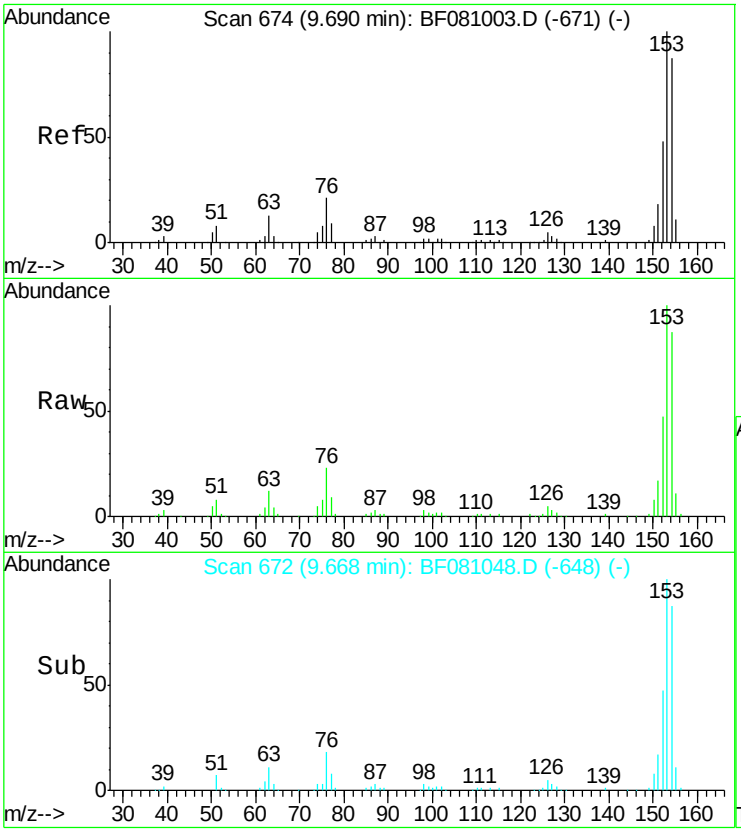



#50
2,6-Dinitrotoluene
Concen: 38.26 ng
RT: 9.44 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:165 Resp: 65480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 56.0 | 49.5 | 74.3 |
| 89 | 53.5 | 47.6 | 71.4 |

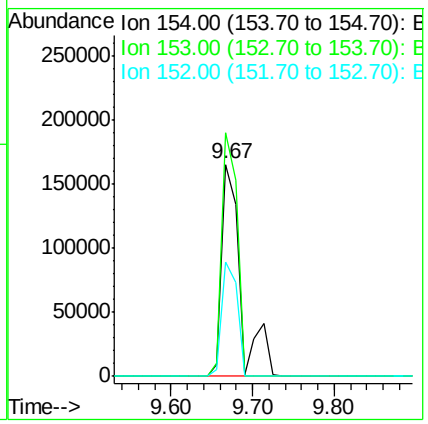





#51
Acenaphthene
Concen: 36.04 ng
RT: 9.67 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:154 Resp: 264359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.8 | 91.4 | 137.2 |
| 152 | 54.0 | 43.7 | 65.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

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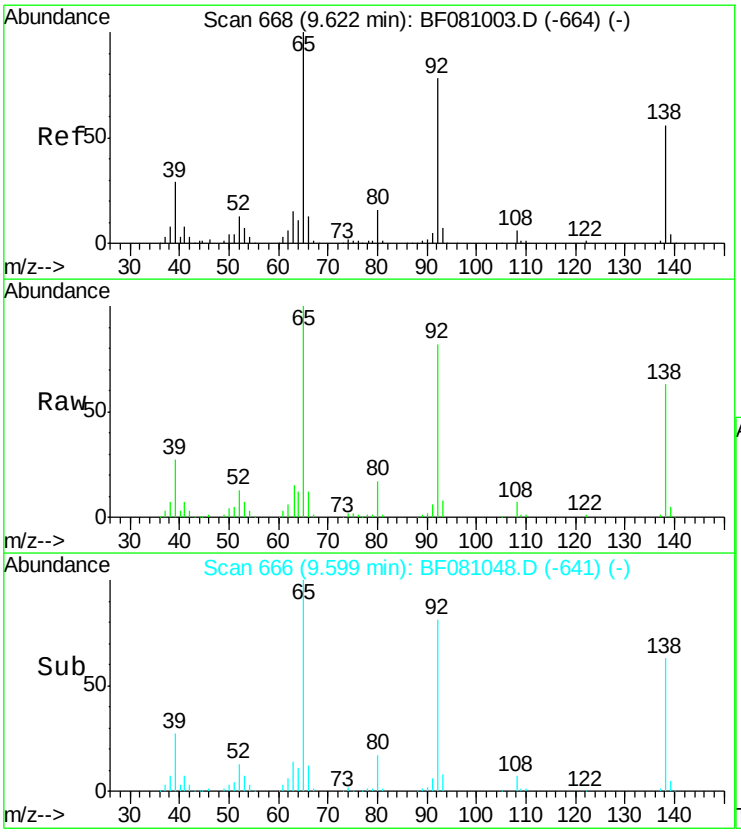
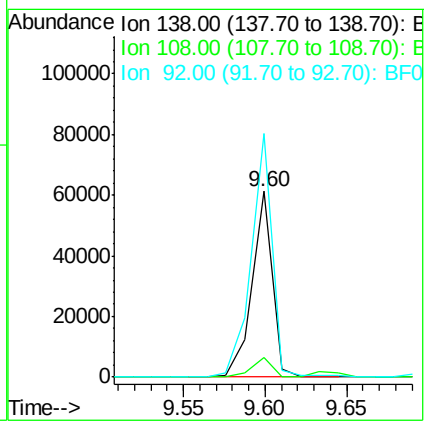
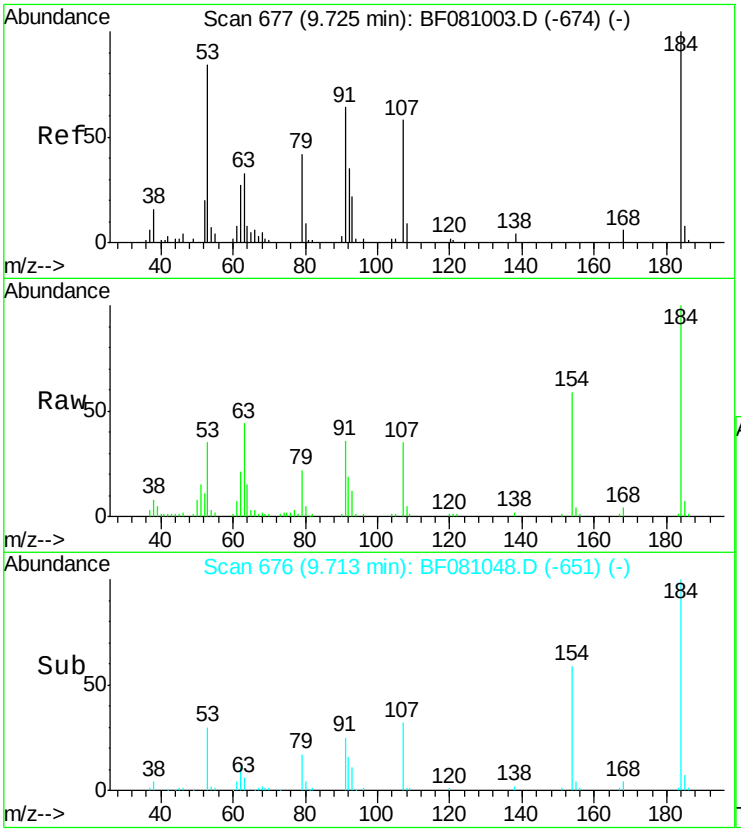



#52
3-Nitroaniline
Concen: 24.68 ng
RT: 9.60 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:138 Resp: 52847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.8 | 9.4 | 14.2 |
| 92 | 131.2 | 113.2 | 169.8 |

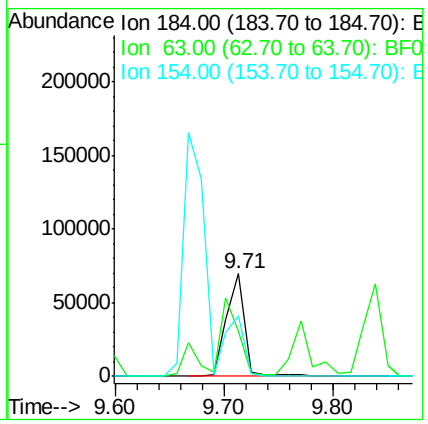





#53
2,4-Dinitrophenol
Concen: 82.80 ng
RT: 9.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:184 Resp: 79806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 44.3 | 101.7 | 152.5# |
| 154 | 58.7 | 67.4 | 101.0# |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

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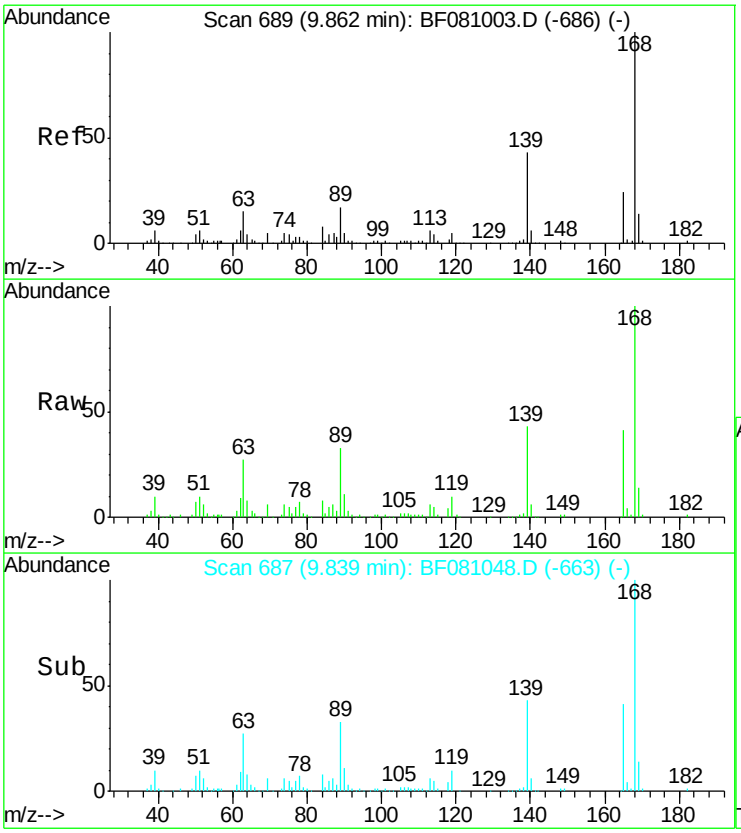
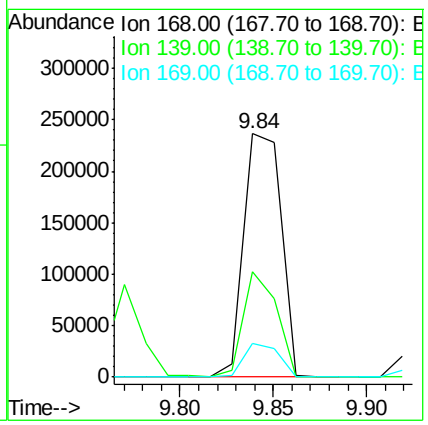
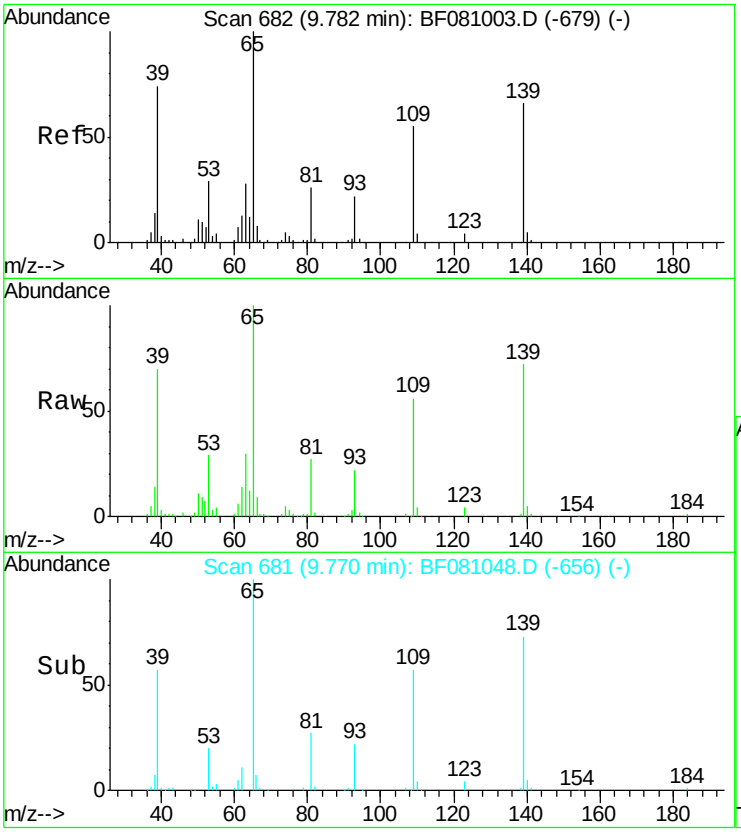



#54
Dibenzofuran
Concen: 33.41 ng
RT: 9.84 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:168 Resp: 328383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 43.2 | 29.3 | 43.9 |
| 169 | 13.9 | 10.3 | 15.5 |

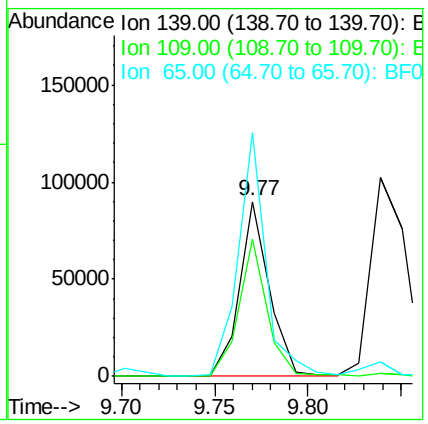





#55
4-Nitrophenol
Concen: 66.83 ng
RT: 9.77 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:139 Resp: 100527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 78.4 | 80.0 | 120.0# |
| 65 | 139.3 | 138.3 | 178.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

**Manual Integrations APPROVED**
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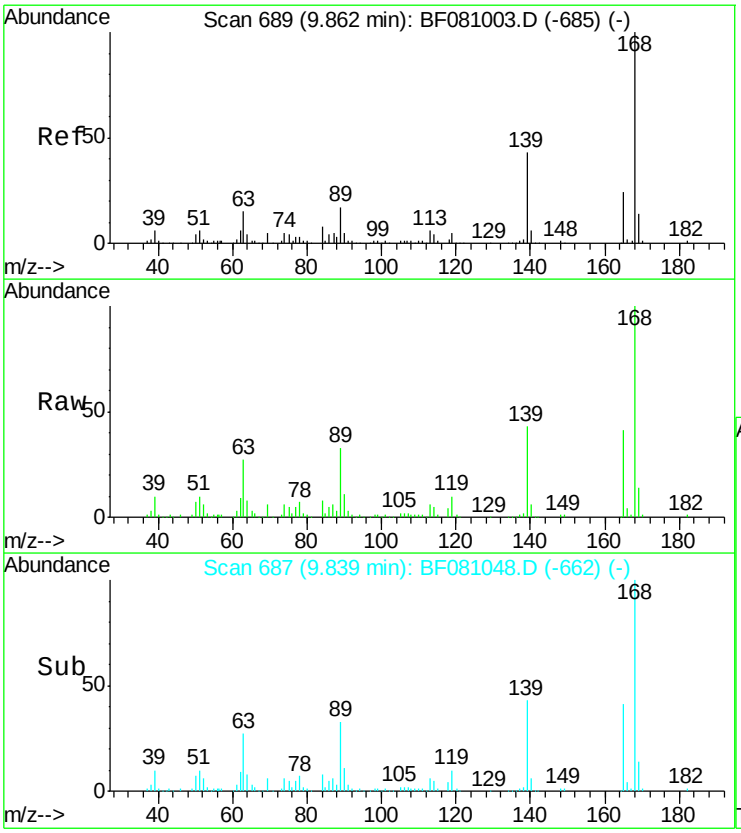
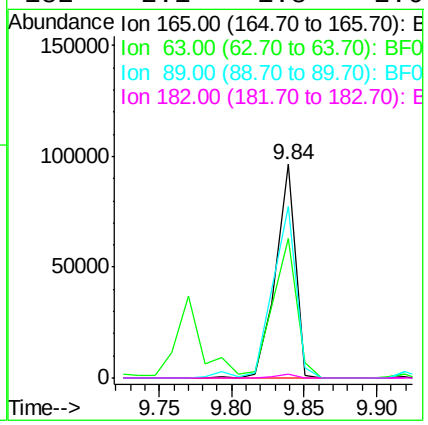
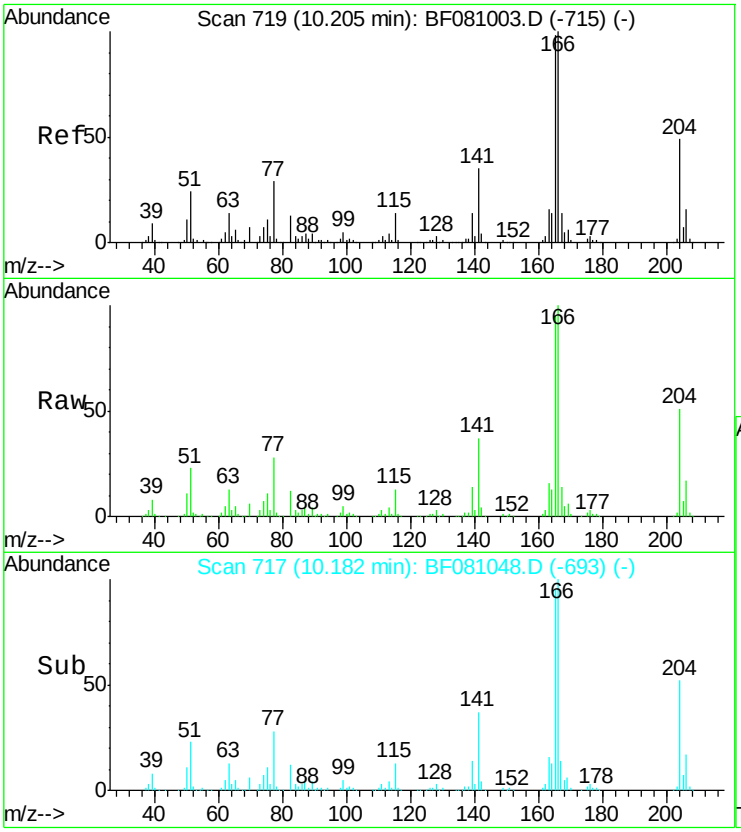



#56
2,4-Dinitrotoluene
Concen: 40.21 ng
RT: 9.84 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:165 Resp: 91206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 65.0 | 52.2 | 78.4 |
| 89 | 80.3 | 60.1 | 90.1 |
| 182 | 2.1 | 1.8 | 2.6 |

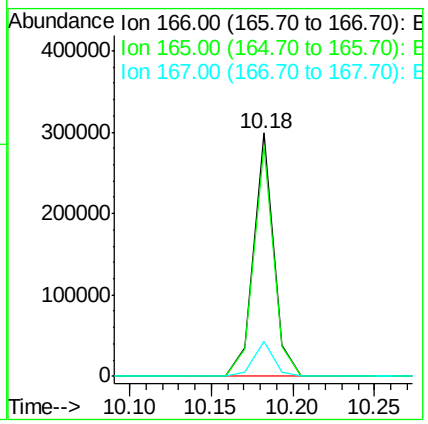





#57
Fluorene
Concen: 33.87 ng
RT: 10.18 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:166 Resp: 256126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 95.0 | 75.8 | 113.8 |
| 167 | 14.1 | 11.3 | 16.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

**Manual Integrations APPROVED**
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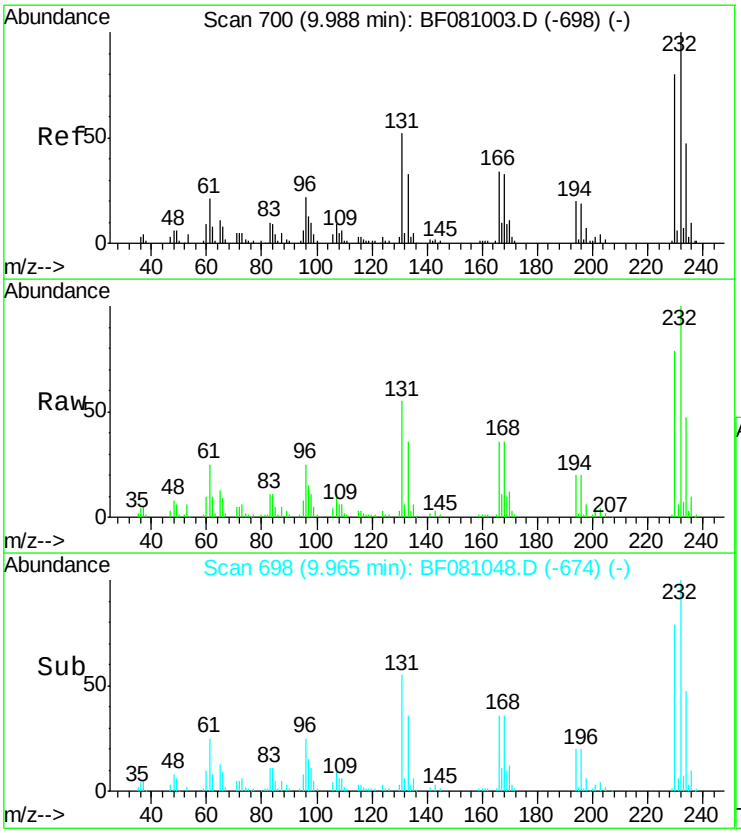
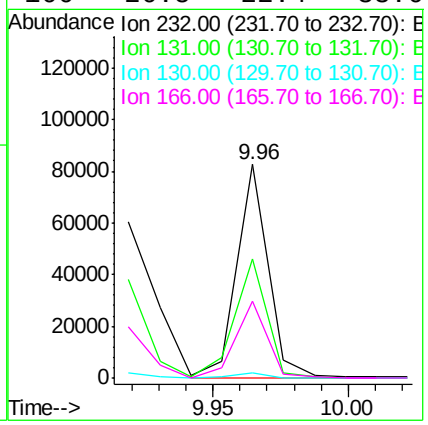
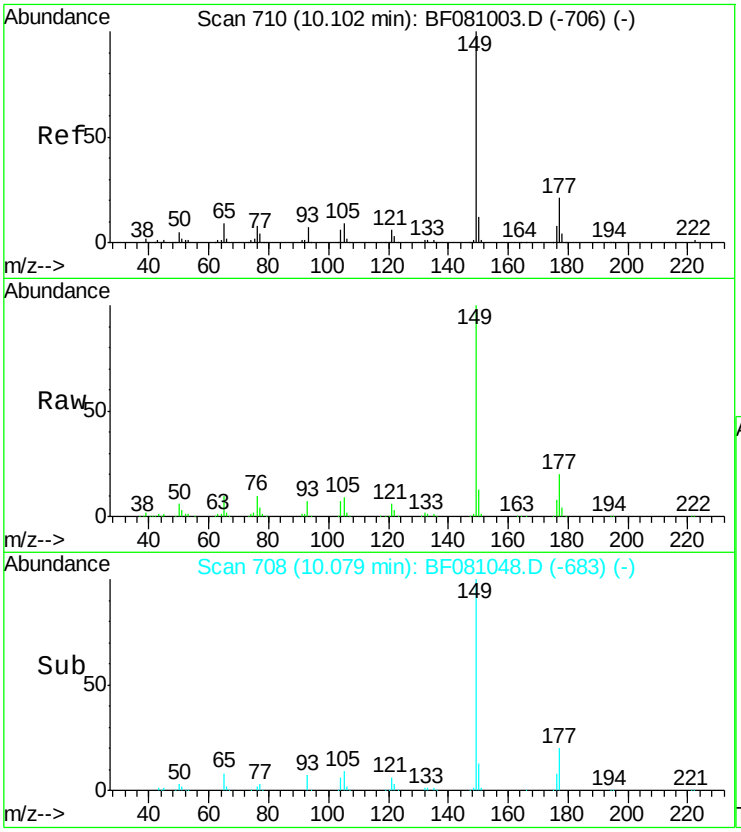



#58
2,3,4,6-Tetrachlorophenol
Concen: 39.19 ng m
RT: 9.96 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:232 Resp: 66883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 48.7 | 42.2 | 63.4 |
| 130 | 2.6 | 2.1 | 3.1 |
| 166 | 26.5 | 22.4 | 33.6 |

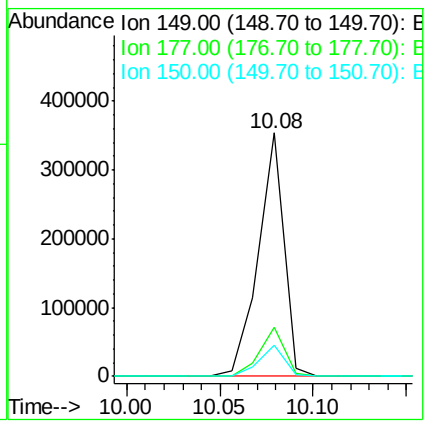





#59
Diethylphthalate
Concen: 39.61 ng
RT: 10.08 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:149 Resp: 334190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 19.9 | 14.1 | 21.1 |
| 150 | 12.6 | 10.3 | 15.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

**Manual Integrations APPROVED**
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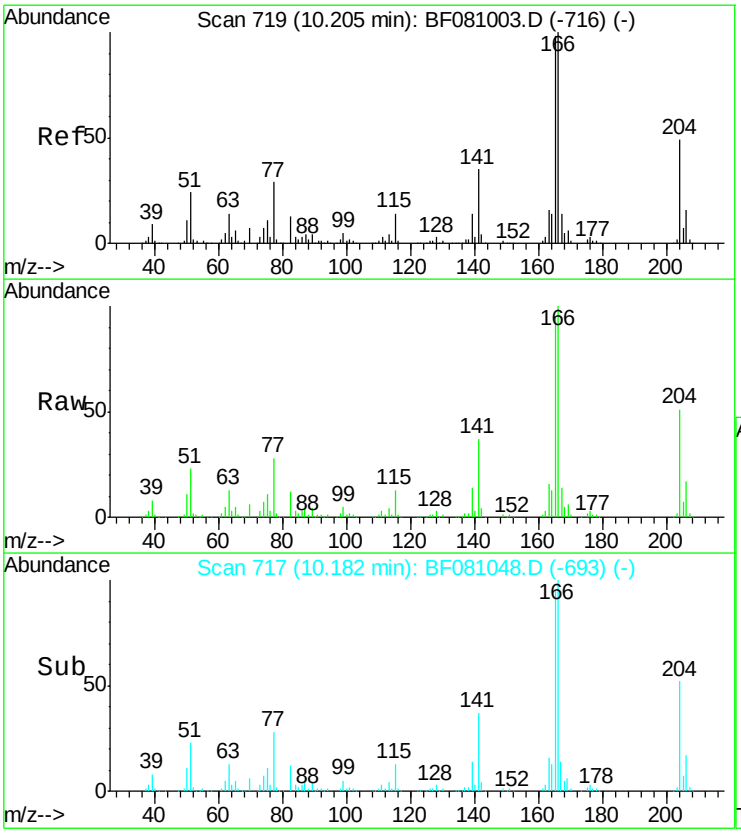
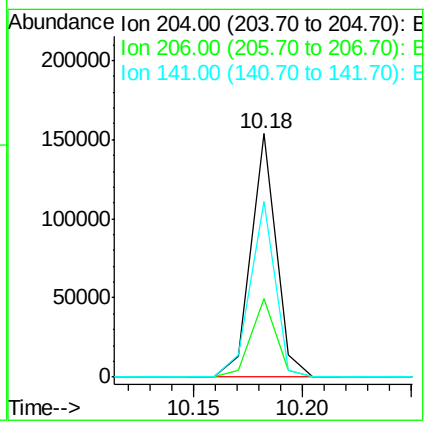
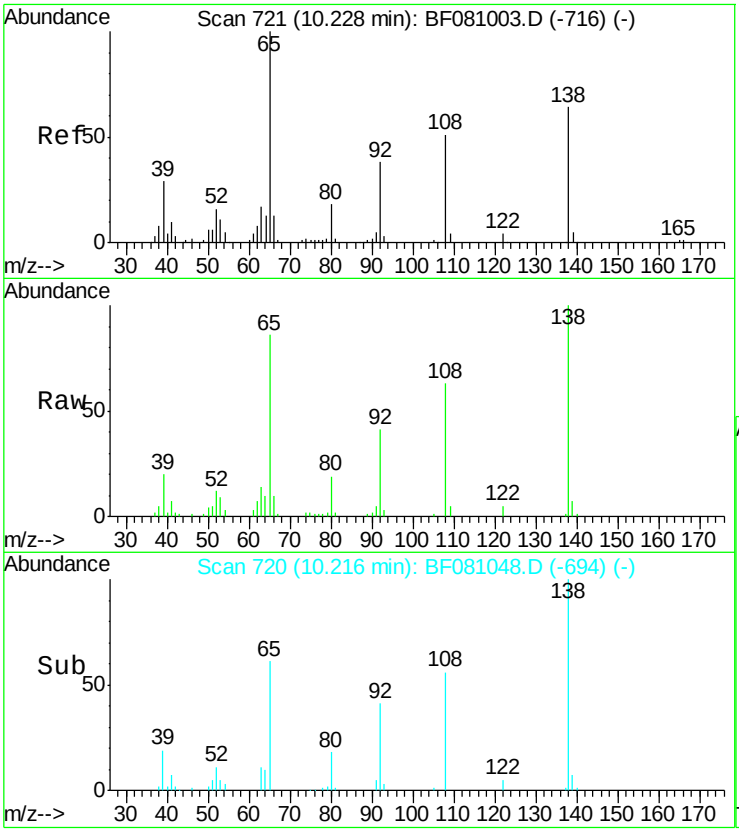



#60
4-Chlorophenyl-phenylether
Concen: 38.70 ng
RT: 10.18 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:204 Resp: 123811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.1 | 26.2 | 39.2 |
| 141 | 72.1 | 59.6 | 89.4 |

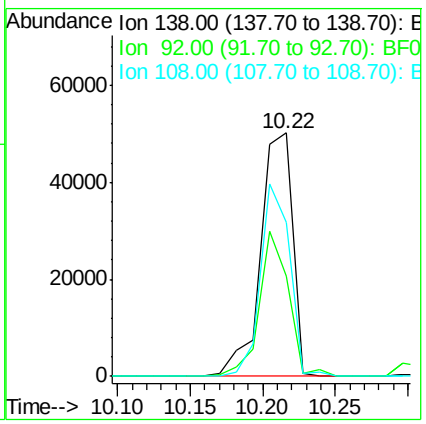





#61
4-Nitroaniline
Concen: 35.06 ng
RT: 10.22 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:138 Resp: 76752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 41.3 | 34.7 | 74.7 |
| 108 | 63.5 | 68.9 | 108.9# |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

**Manual Integrations APPROVED**
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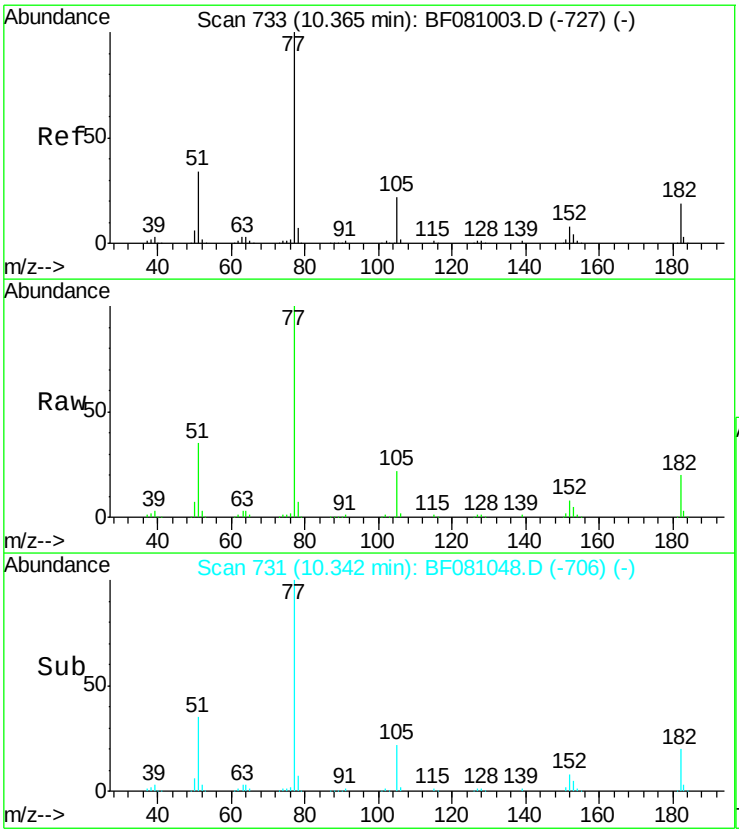
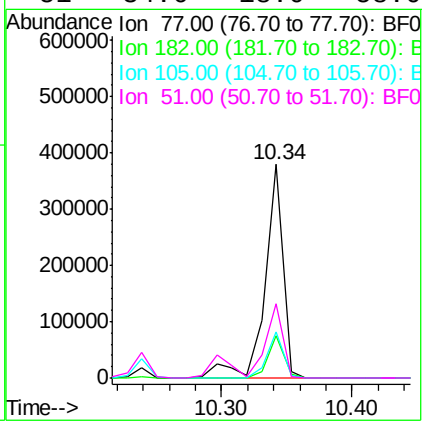
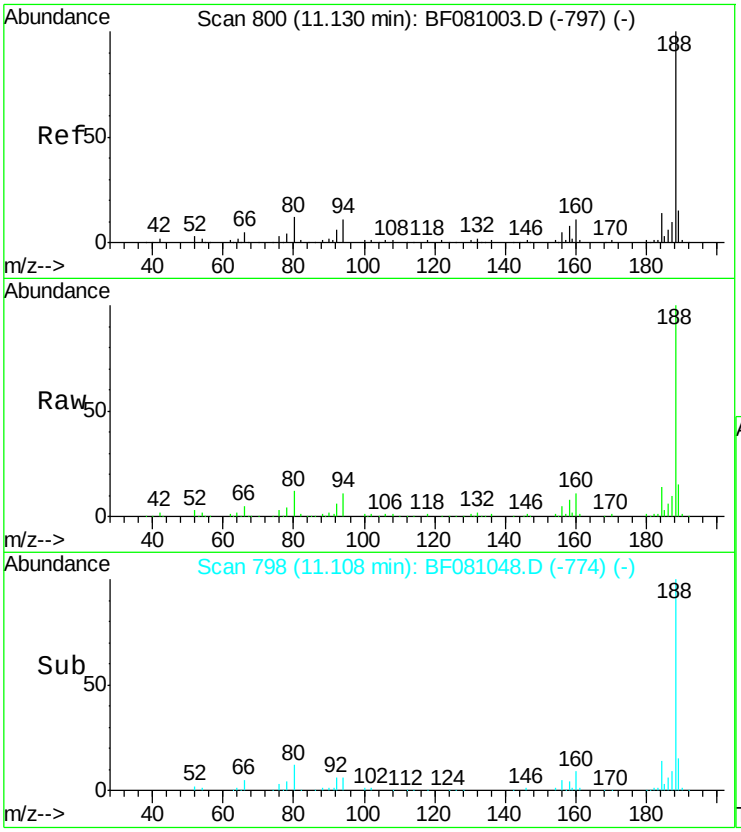



#62
Azobenzene
Concen: 38.54 ng
RT: 10.34 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion: 77 Resp: 374642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 19.6 | 0.0 | 39.0 |
| 105 | 21.9 | 0.2 | 40.2 |
| 51 | 34.6 | 18.0 | 58.0 |

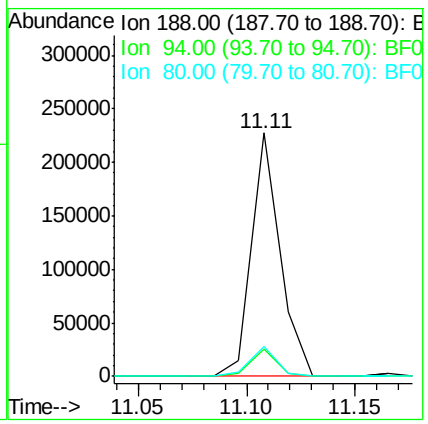





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:188 Resp: 207805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 11.0 | 8.2 | 12.2 |
| 80 | 12.1 | 9.5 | 14.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

**Manual Integrations APPROVED**
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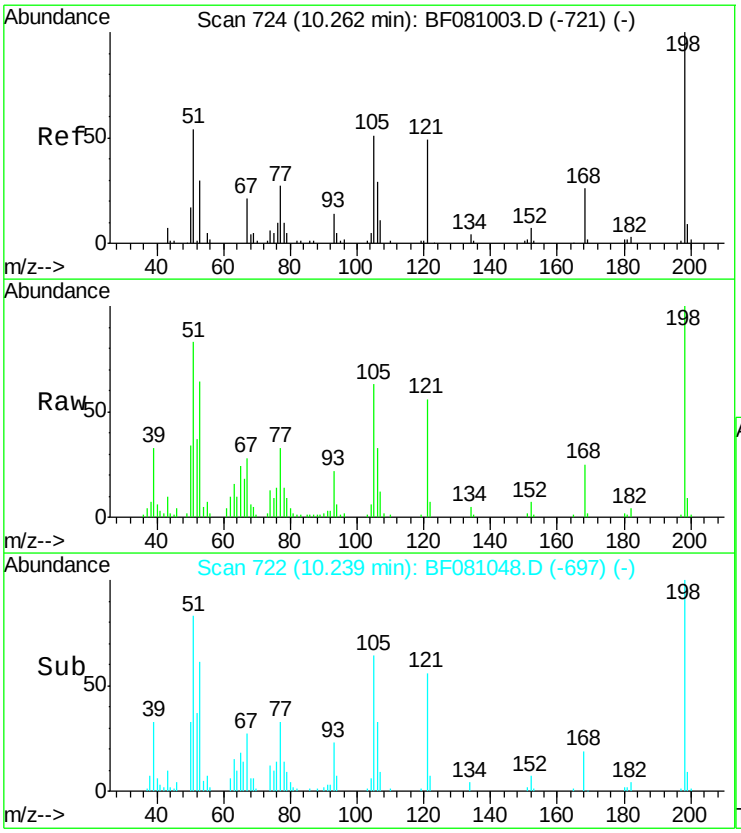
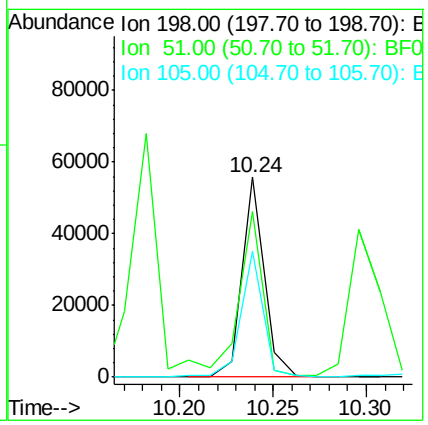
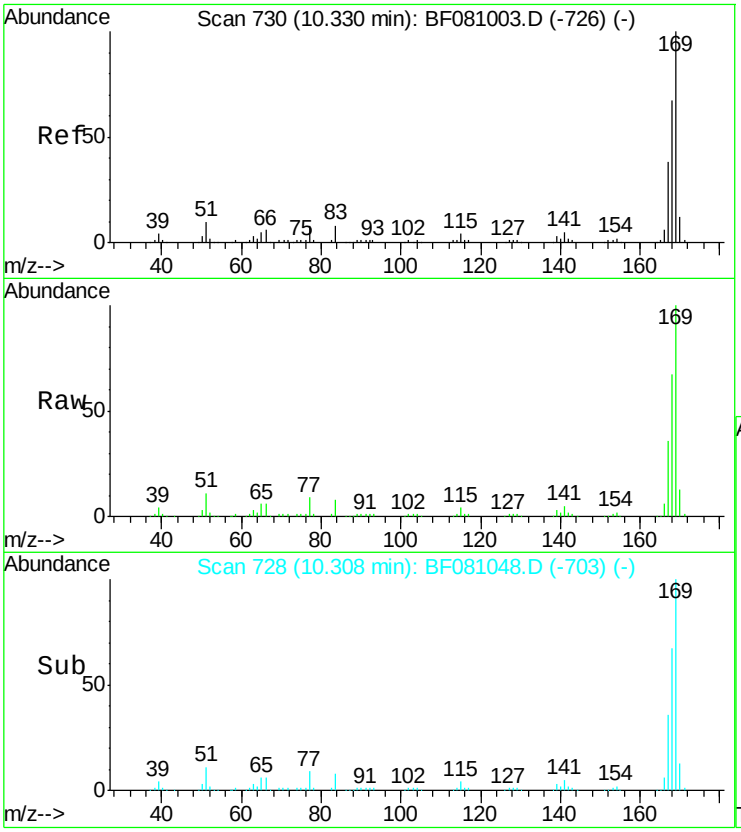



#64
4,6-Dinitro-2-methylphenol
Concen: 37.52 ng
RT: 10.24 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:198 Resp: 46568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 82.6 | 79.7 | 119.7 |
| 105 | 63.3 | 47.0 | 87.0 |

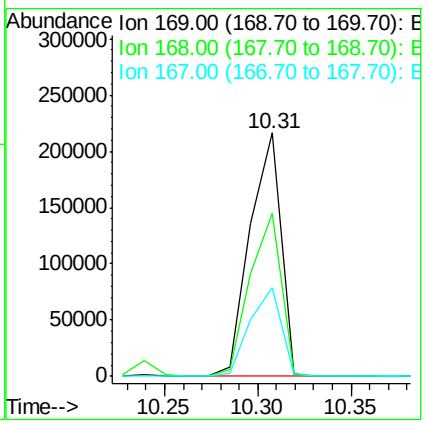





#65
n-Nitrosodiphenylamine
Concen: 33.59 ng
RT: 10.31 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:169 Resp: 249138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.7 | 55.3 | 82.9 |
| 167 | 36.2 | 30.8 | 46.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

**Manual Integrations APPROVED**
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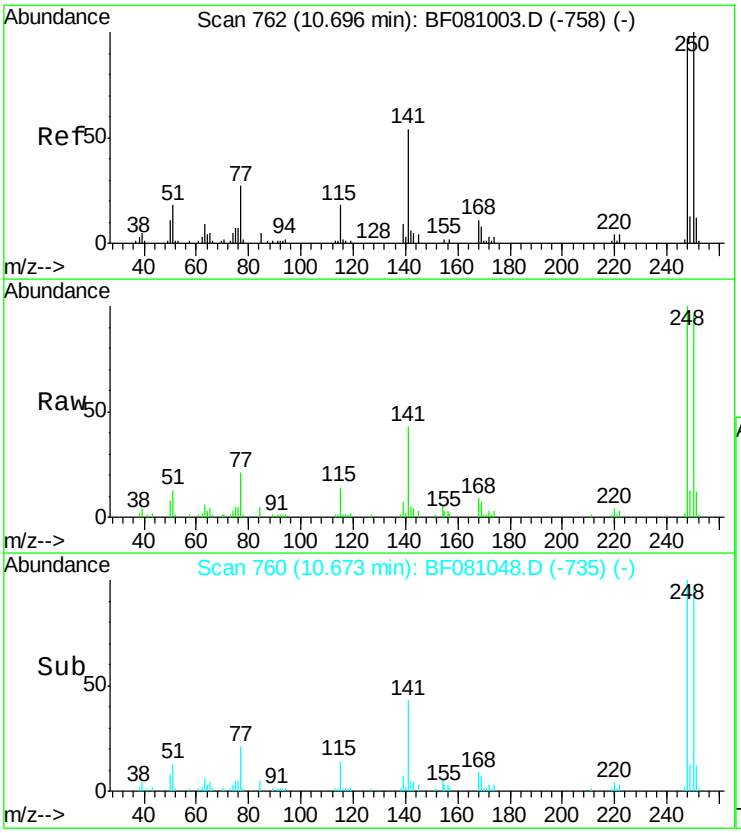
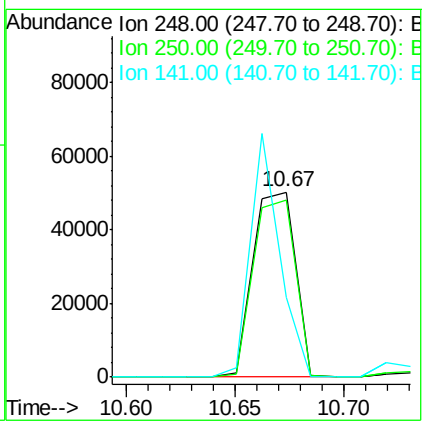
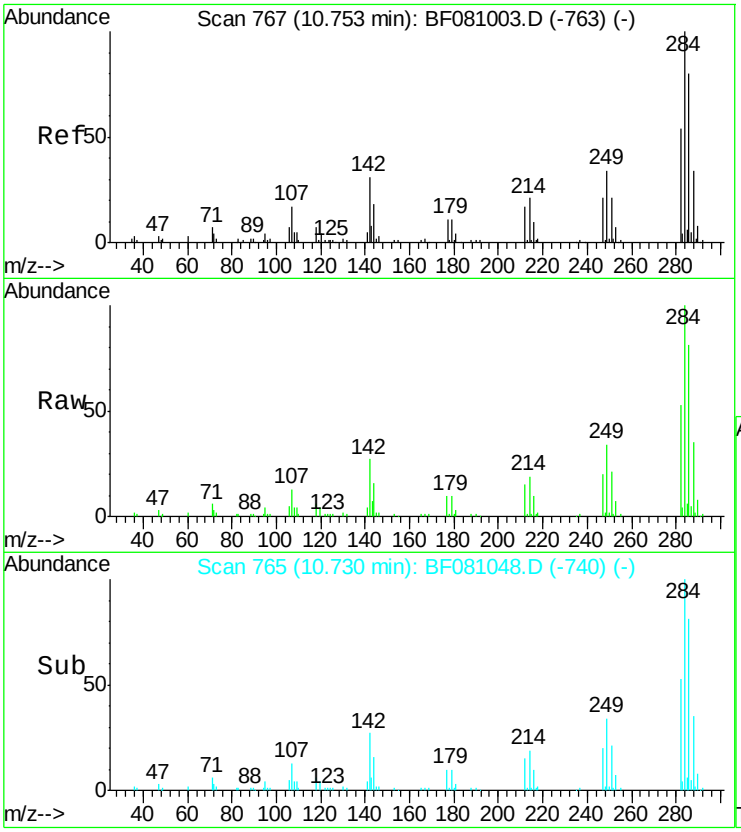



#66
4-Bromophenyl-phenylether
Concen: 33.65 ng
RT: 10.67 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:248 Resp: 68699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 95.9 | 77.8 | 116.6 |
| 141 | 43.4 | 39.8 | 59.6 |

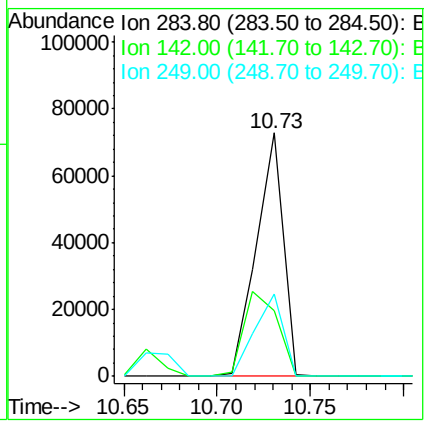





#67
Hexachlorobenzene
Concen: 35.17 ng
RT: 10.73 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:284 Resp: 72716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 26.8 | 25.4 | 38.0 |
| 249 | 33.7 | 28.5 | 42.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

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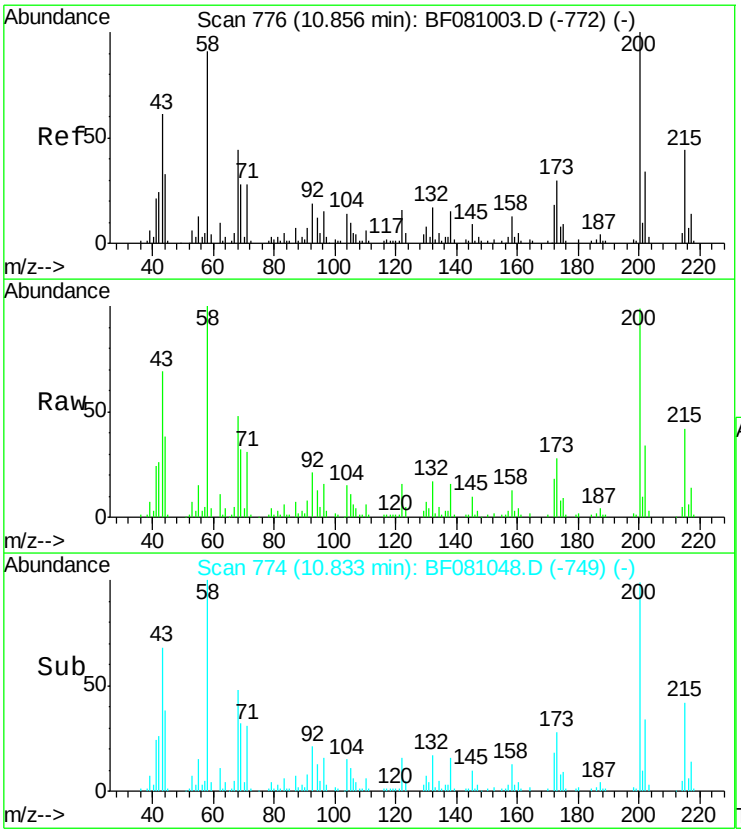
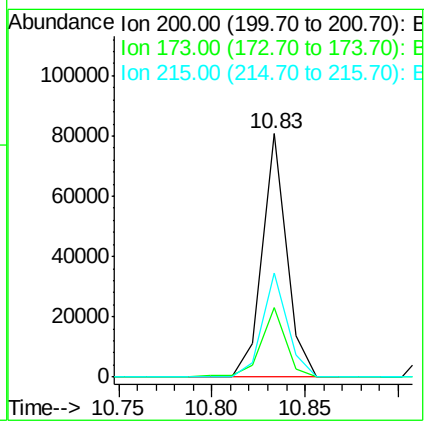
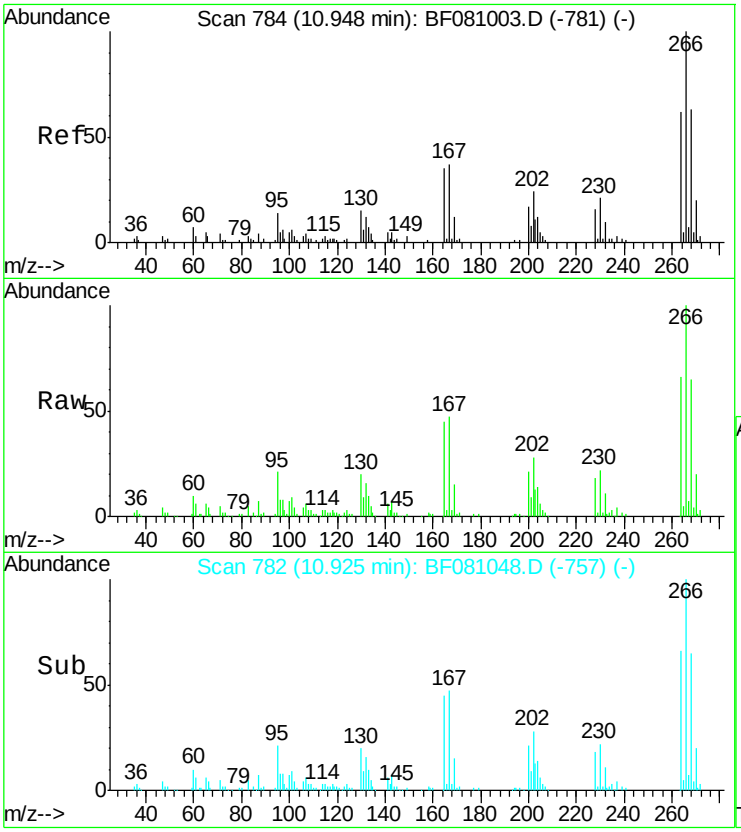



#68
Atrazine
Concen: 35.15 ng
RT: 10.83 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:200 Resp: 72654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.6 | 8.1 | 48.1 |
| 215 | 42.6 | 23.3 | 63.3 |

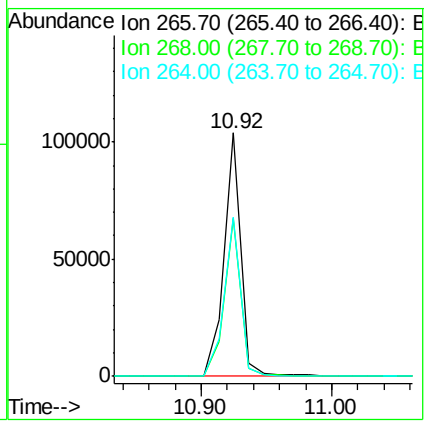





#69
Pentachlorophenol
Concen: 75.49 ng
RT: 10.92 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:266 Resp: 93645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.9 | 51.2 | 76.8 |
| 264 | 65.5 | 50.6 | 75.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

**Manual Integrations APPROVED**
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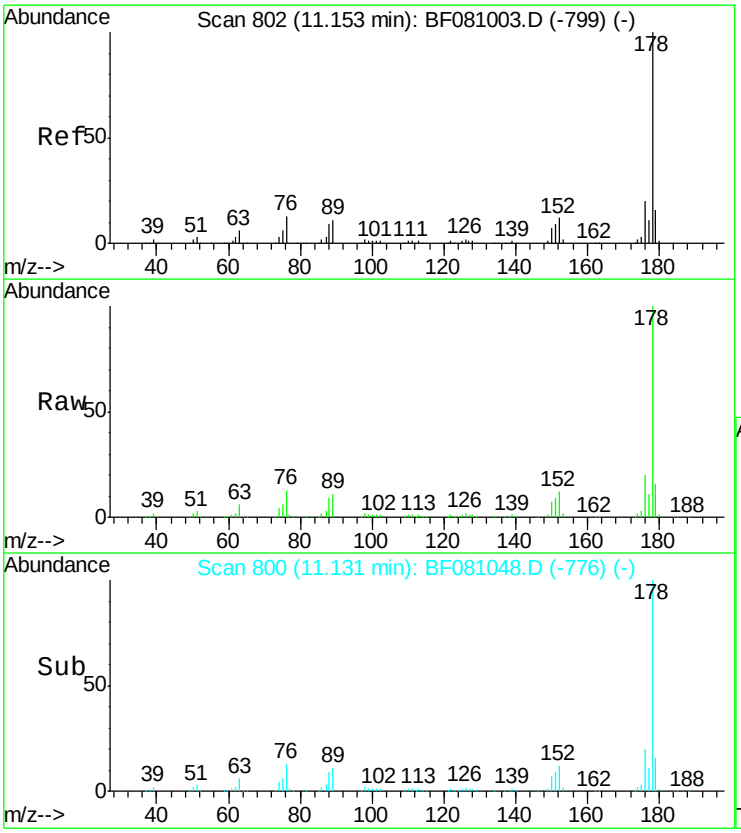
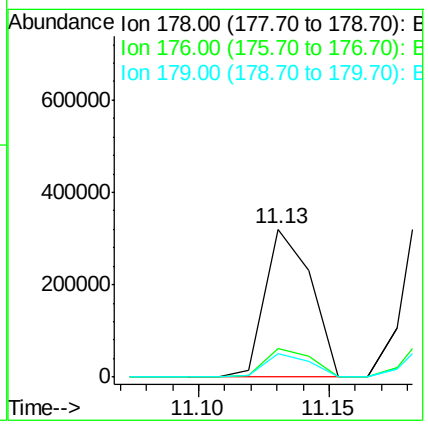
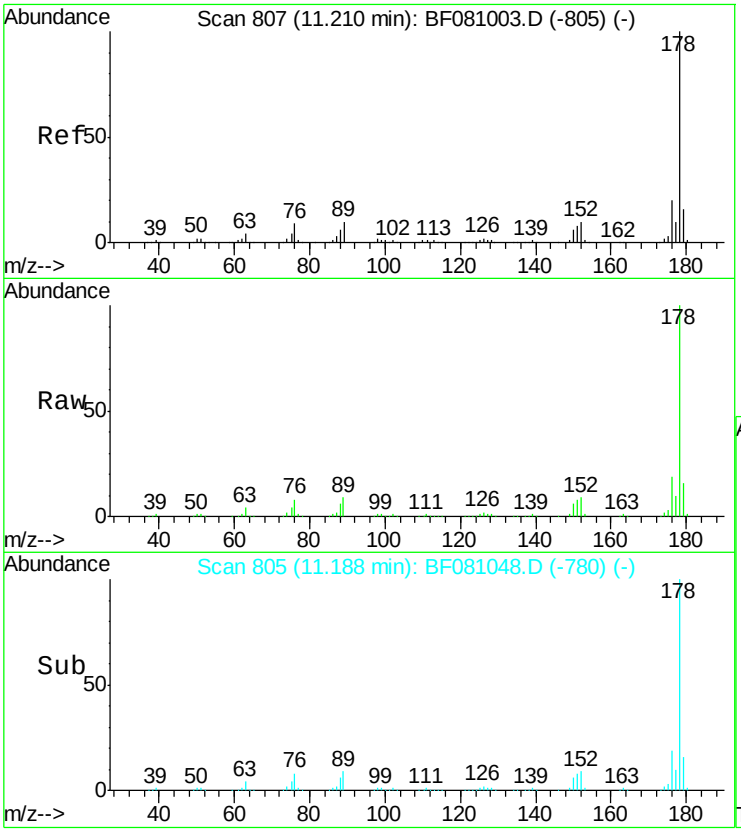



#70
Phenanthrene
Concen: 31.61 ng
RT: 11.13 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:178 Resp: 389344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 15.7 | 23.5 |
| 179 | 15.5 | 12.2 | 18.2 |

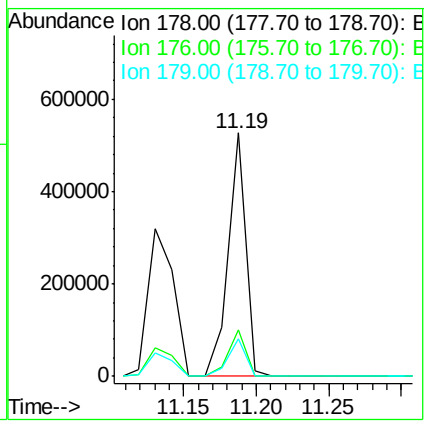





#71
Anthracene
Concen: 37.20 ng
RT: 11.19 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:178 Resp: 445755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 15.7 | 23.5 |
| 179 | 15.7 | 12.7 | 19.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

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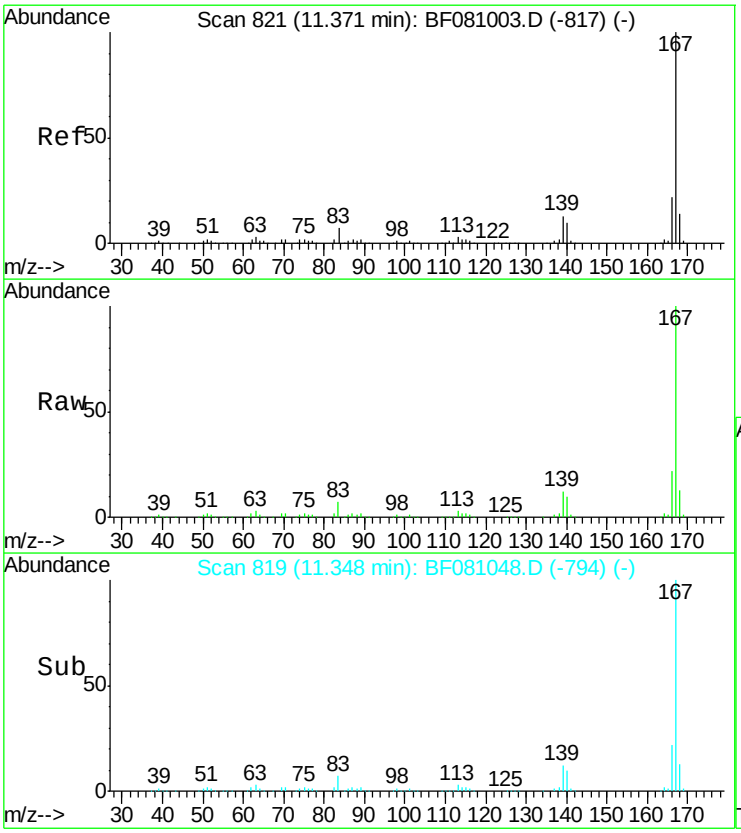
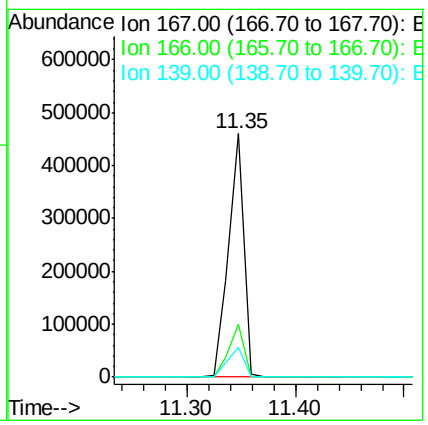
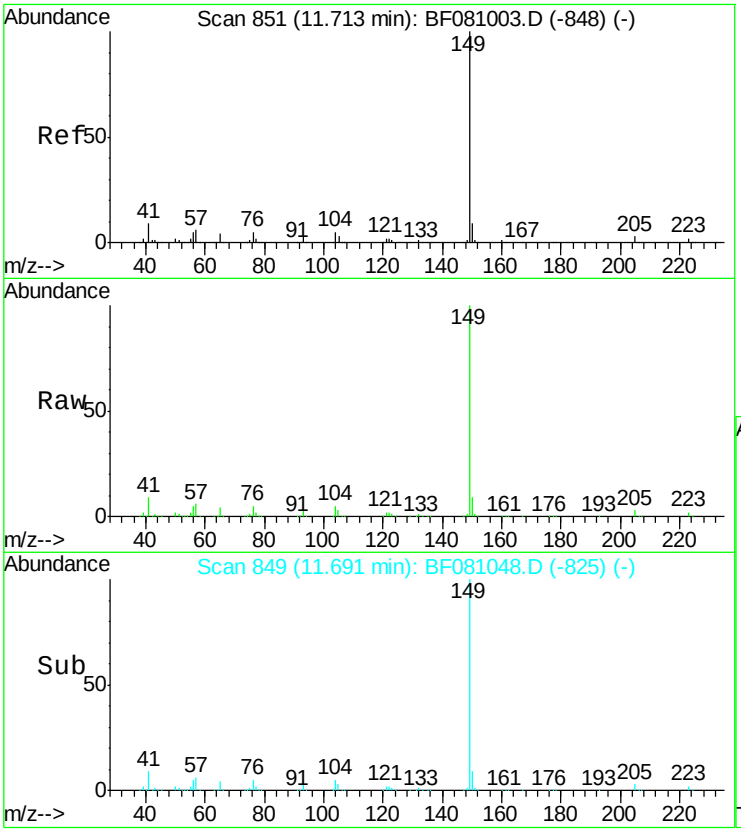



#72
Carbazole
Concen: 38.97 ng
RT: 11.35 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:167 Resp: 449595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.6 | 17.4 | 26.0 |
| 139 | 12.5 | 10.6 | 16.0 |

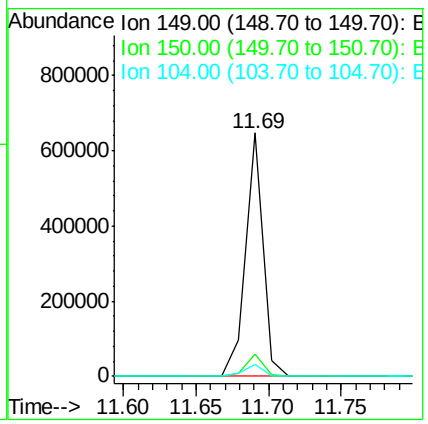





#73
Di-n-butylphthalate
Concen: 38.75 ng
RT: 11.69 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:149 Resp: 541020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.1 | 7.1 | 10.7 |
| 104 | 5.1 | 3.9 | 5.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

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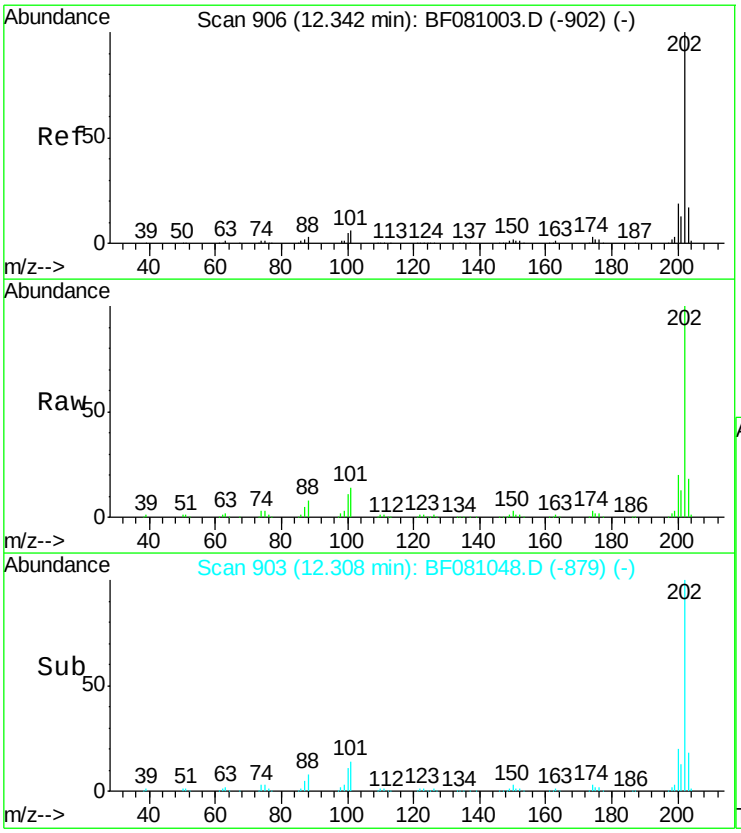
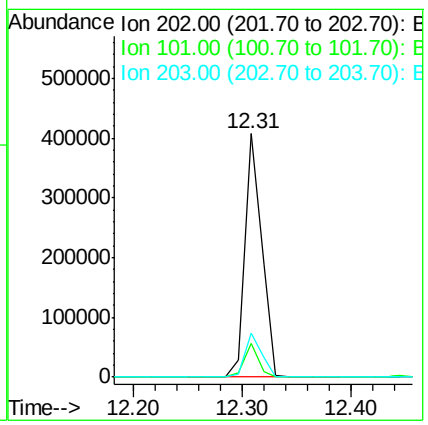
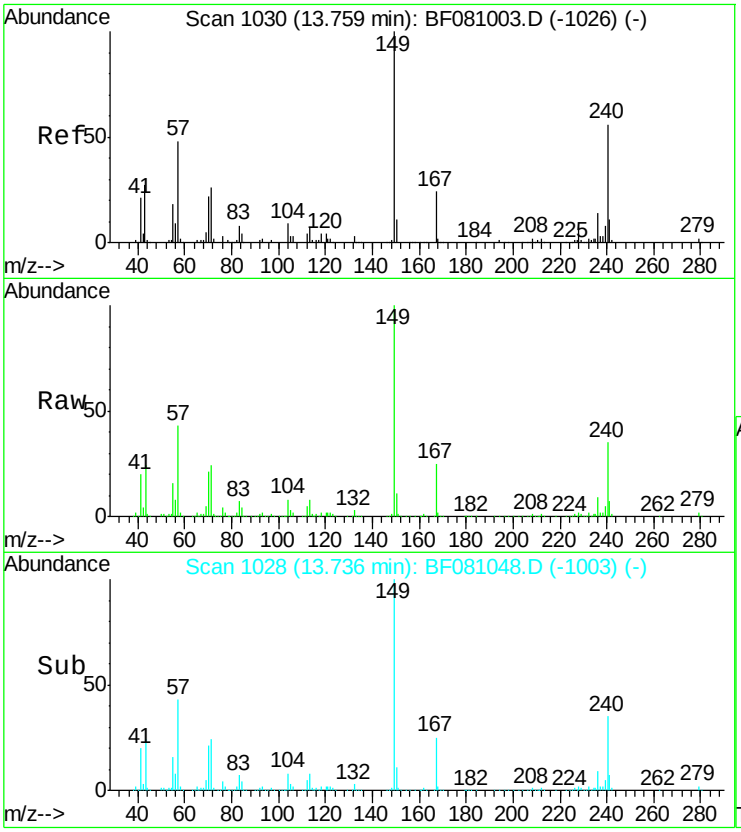



#74
Fluoranthene
Concen: 32.57 ng
RT: 12.31 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:202 Resp: 432829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.0 | 0.0 | 24.8 |
| 203 | 17.9 | 0.0 | 36.9 |

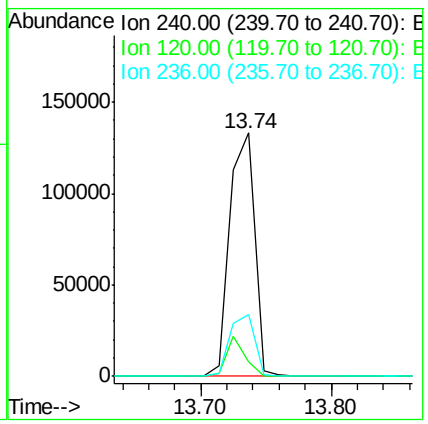





#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.74 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:240 Resp: 176072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.9 | 5.6 | 8.4 |
| 236 | 25.5 | 20.6 | 30.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

**Manual Integrations APPROVED**
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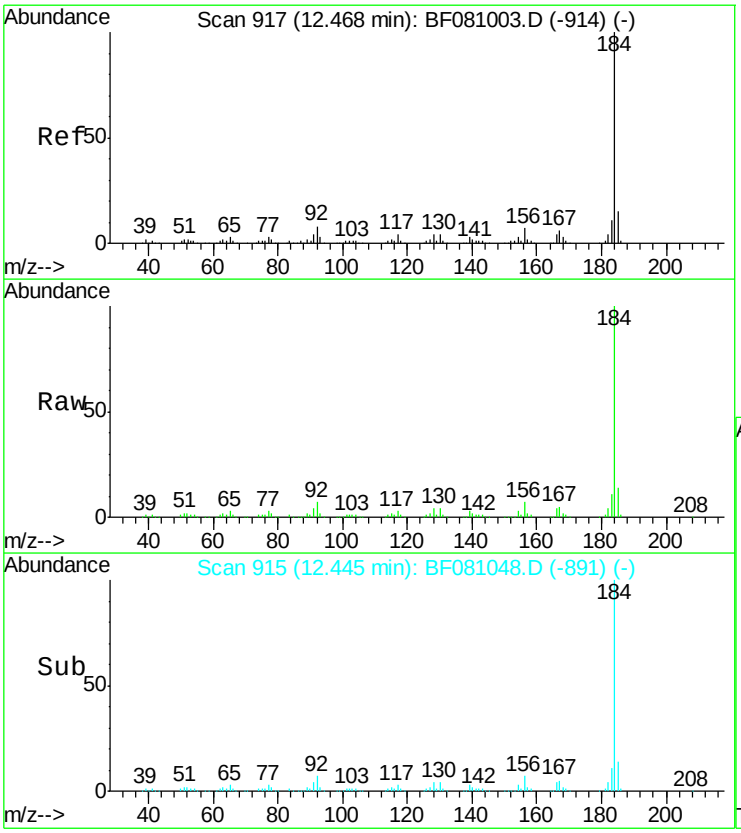
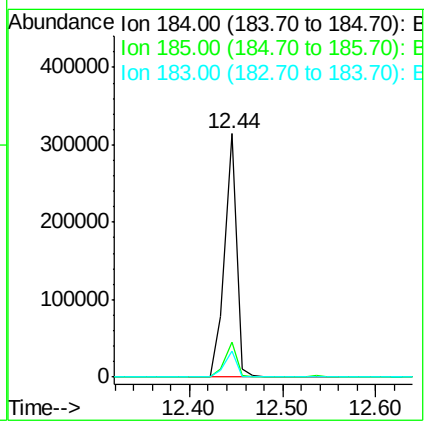
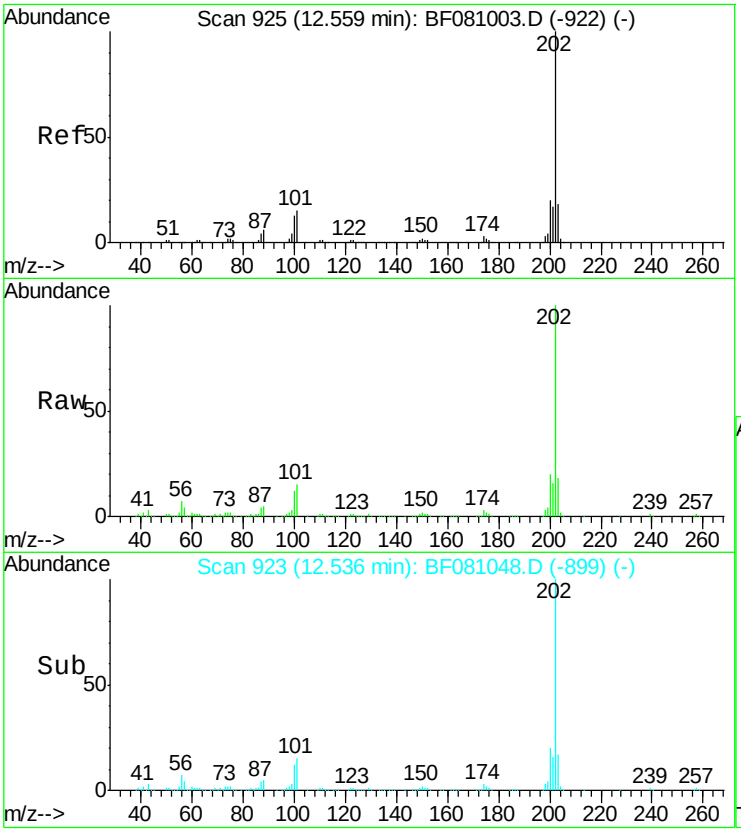



#76
Benzidine
Concen: 42.38 ng
RT: 12.44 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:184 Resp: 281856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.3 | 12.0 | 18.0 |
| 183 | 10.7 | 8.9 | 13.3 |

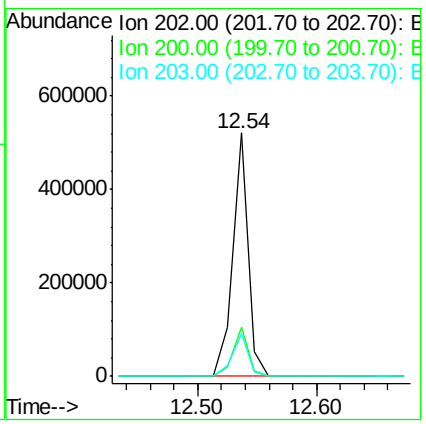





#77
Pyrene
Concen: 32.75 ng
RT: 12.54 min Scan# 923
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:202 Resp: 468712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.4 | 16.6 | 24.8 |
| 203 | 17.5 | 14.1 | 21.1 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

**Manual Integrations APPROVED**
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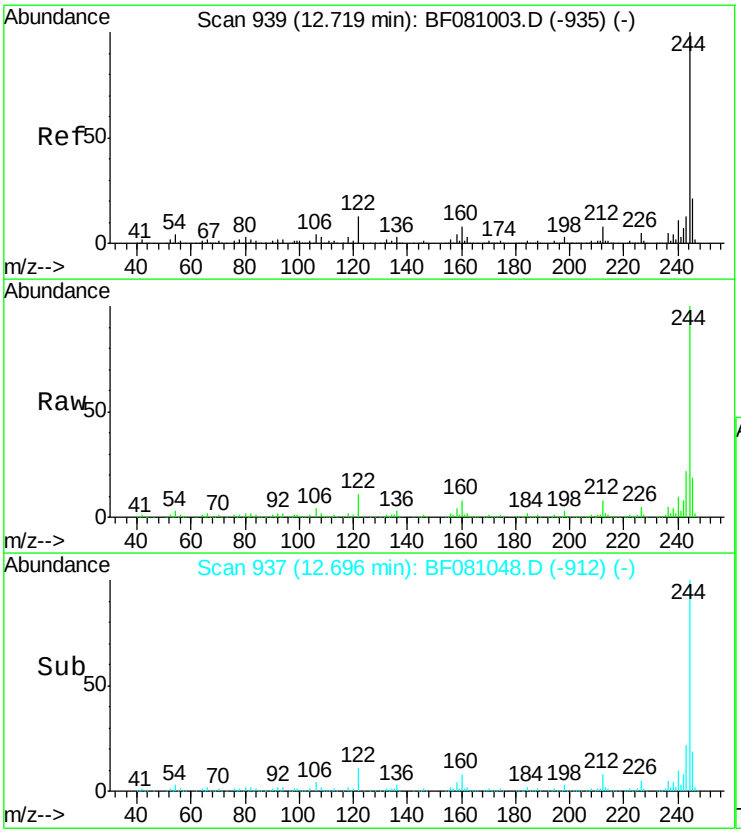
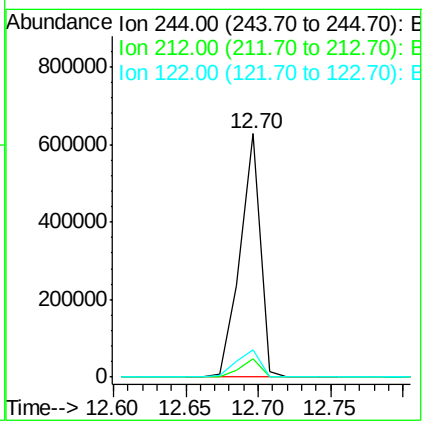
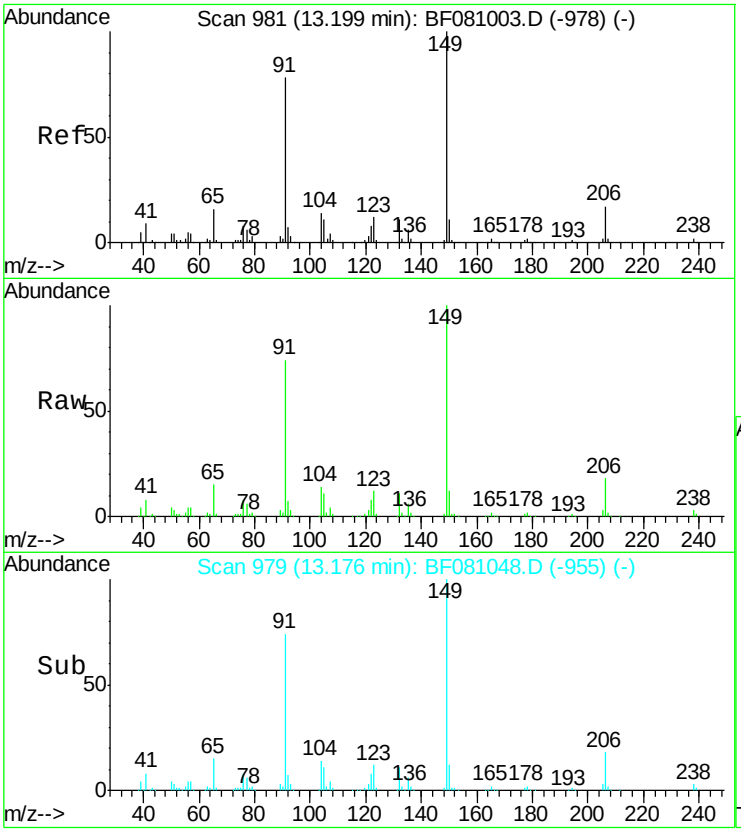



#78
Terphenyl-d14
Concen: 73.89 ng
RT: 12.70 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:244 Resp: 606868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.7 | 5.8 | 8.8 |
| 122 | 11.3 | 8.2 | 12.4 |

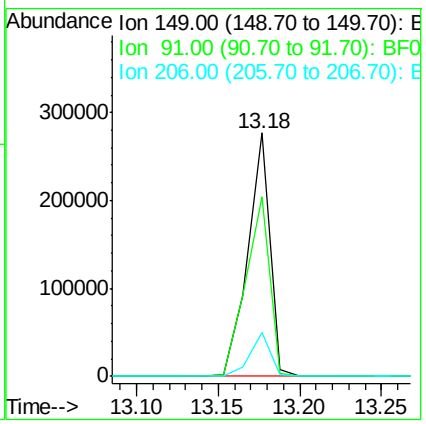





#79
Butylbenzylphthalate
Concen: 42.26 ng
RT: 13.18 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:149 Resp: 260036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 73.8 | 46.9 | 70.3# |
| 206 | 17.8 | 17.0 | 25.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

**Manual Integrations APPROVED**
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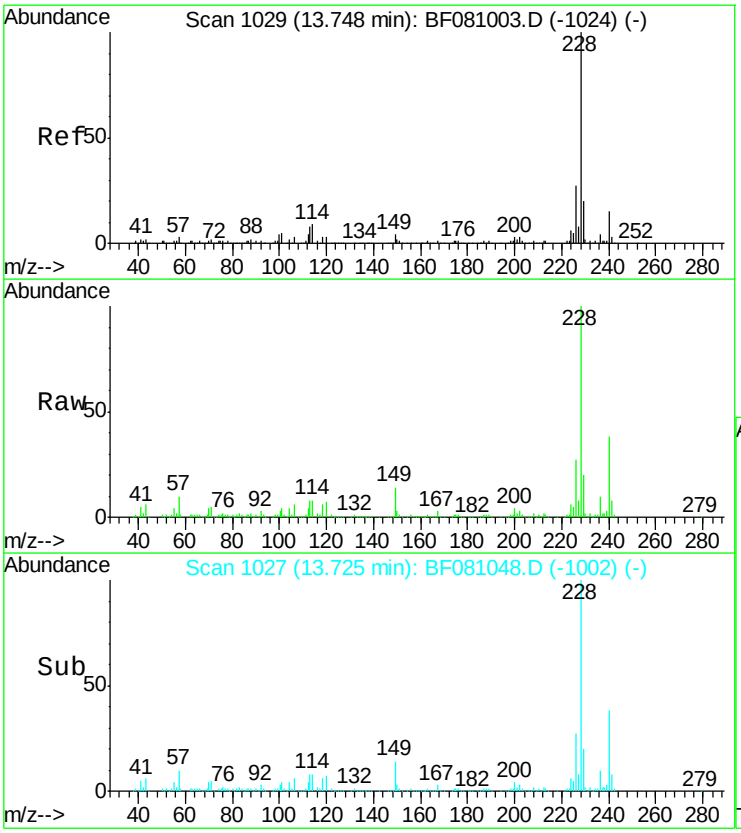
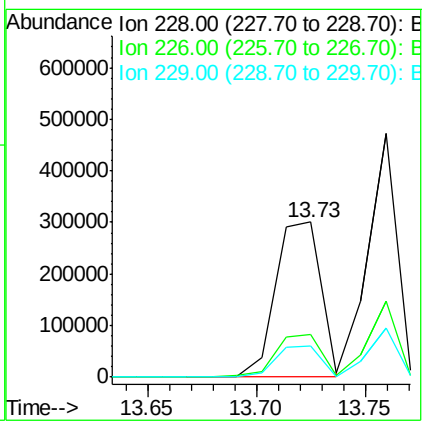
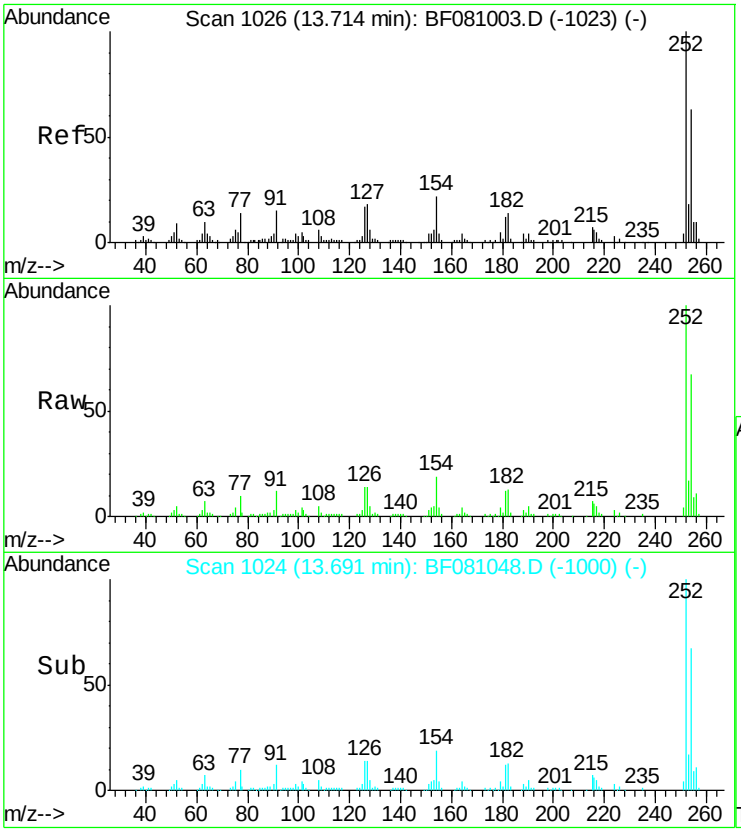



#80
Benzo(a)anthracene
Concen: 37.15 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:228 Resp: 438720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.5 | 22.3 | 33.5 |
| 229 | 20.3 | 15.9 | 23.9 |

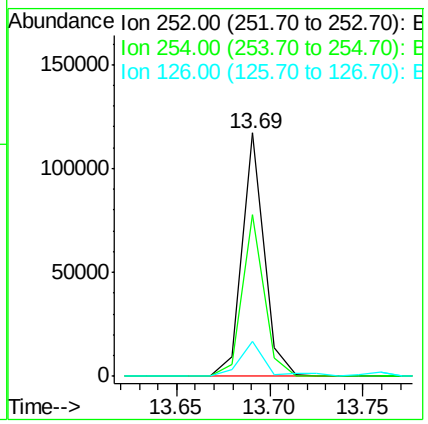





#81
3,3'-Dichlorobenzidine
Concen: 25.22 ng
RT: 13.69 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:252 Resp: 96448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 66.7 | 51.5 | 77.3 |
| 126 | 14.1 | 12.5 | 18.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

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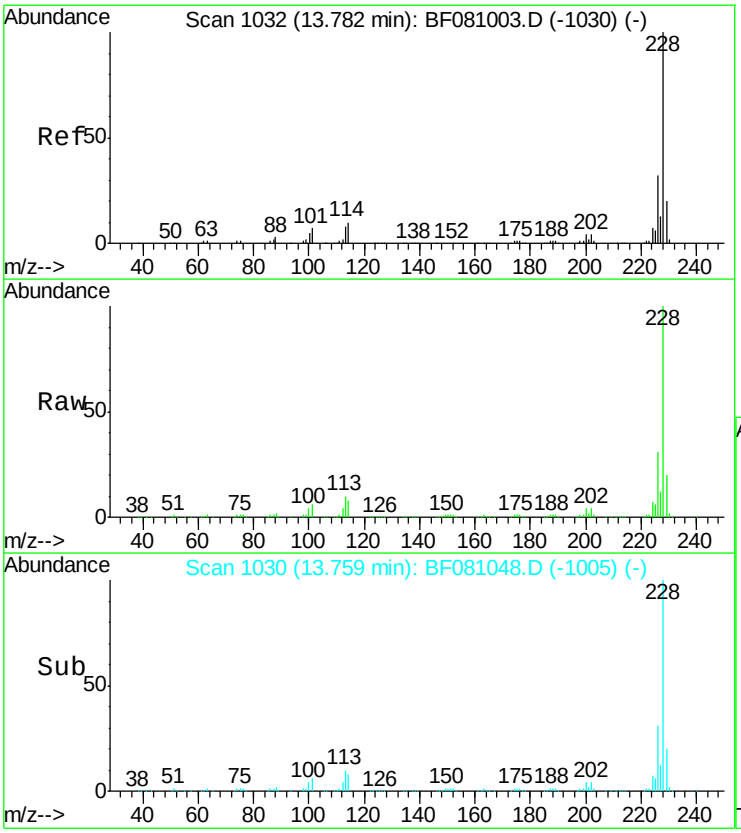
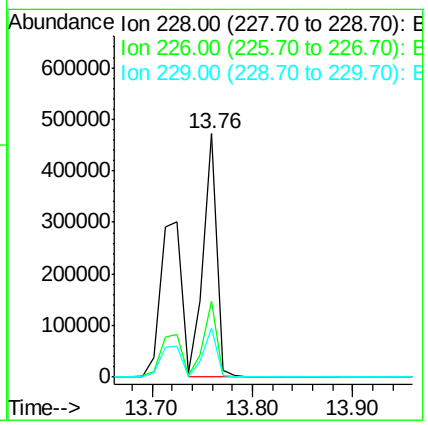
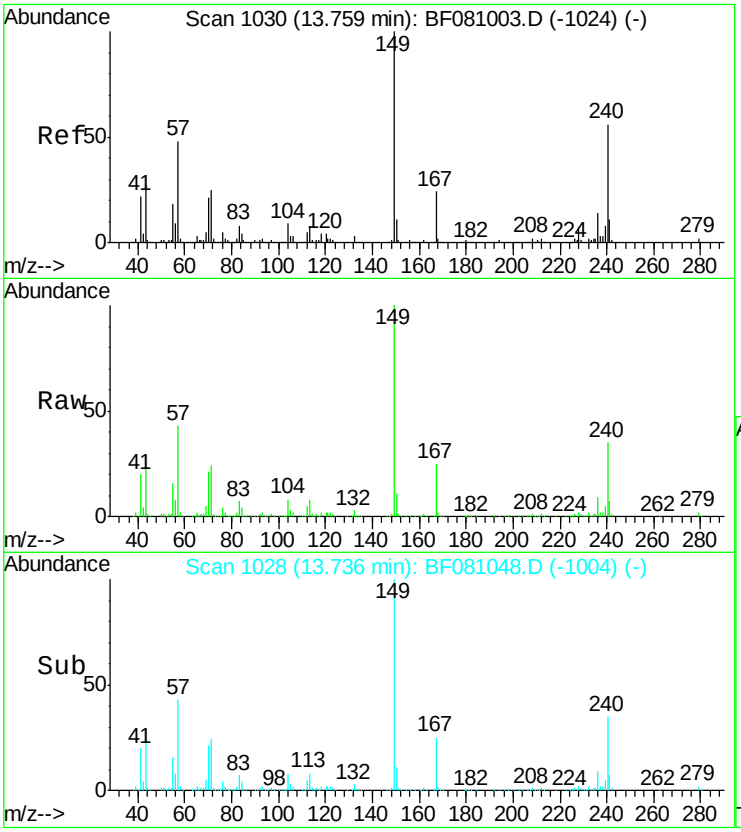



#82
Chrysene
Concen: 41.13 ng
RT: 13.76 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:228 Resp: 437684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.3 | 24.4 | 36.6 |
| 229 | 20.3 | 16.0 | 24.0 |






#83
Bis(2-ethylhexyl)phthalate
Concen: 44.44 ng
RT: 13.74 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:149 Resp: 350254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 25.2 | 20.7 | 31.1 |
| 279 | 1.9 | 2.2 | 3.4# |

**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

**Manual Integrations APPROVED**
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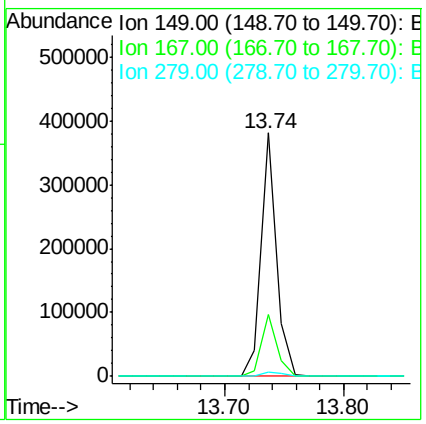
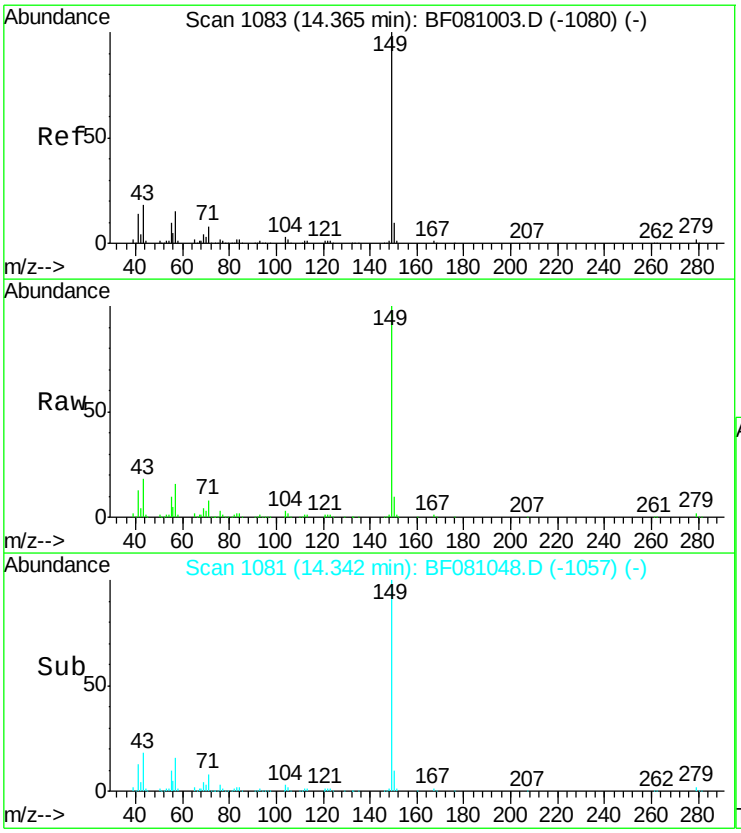
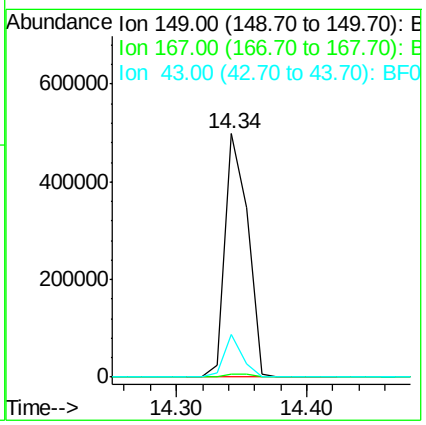


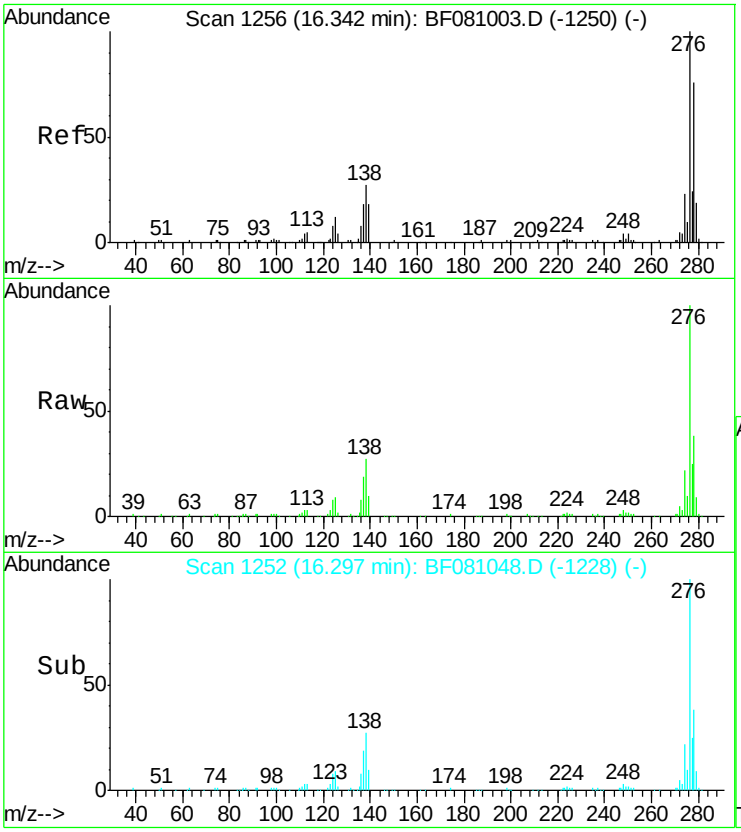




#84
Di-n-octyl phthalate
Concen: 50.25 ng
RT: 14.34 min Scan# 1081
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:149 Resp: 601890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.4 | 1.1 | 1.7 |
| 43 | 14.0 | 11.6 | 17.4 |

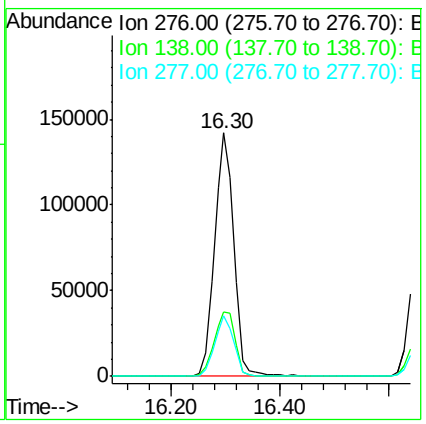





#85
Indeno(1,2,3-cd)pyrene
Concen: 47.45 ng
RT: 16.30 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:276 Resp: 354501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 28.9 | 18.6 | 28.0# |
| 277 | 24.5 | 19.8 | 29.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

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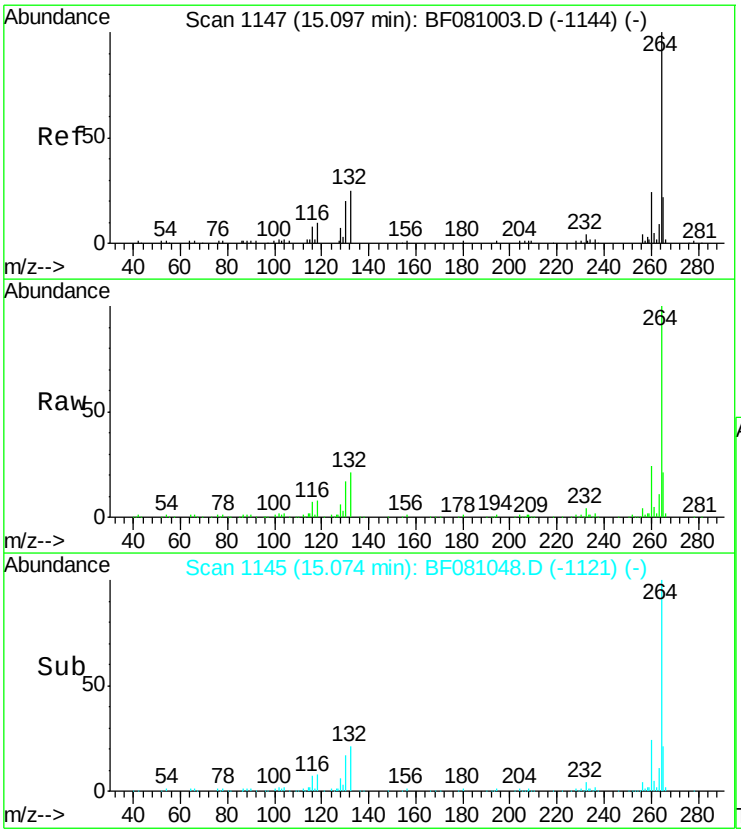
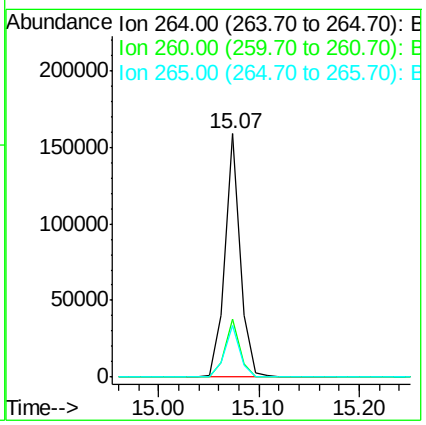
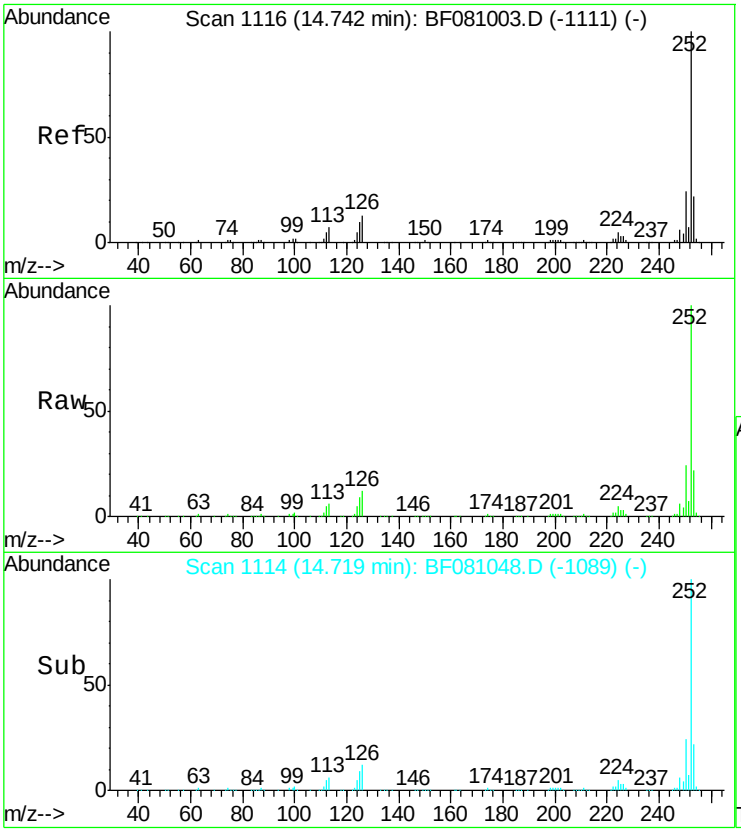



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:264 Resp: 168529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 19.6 | 29.4 |
| 265 | 21.4 | 17.5 | 26.3 |

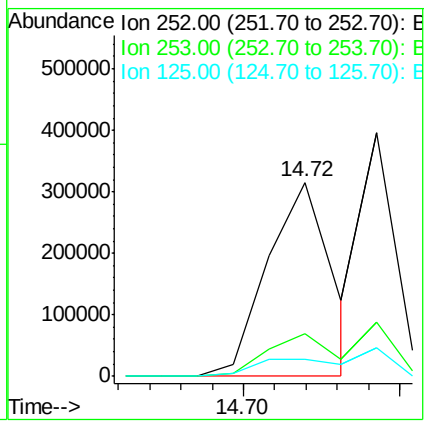





#87
Benzo(b)fluoranthene
Concen: 37.68 ng m
RT: 14.72 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:252 Resp: 449194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 17.1 | 25.7 |
| 125 | 8.9 | 8.0 | 12.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

**Manual Integrations APPROVED**
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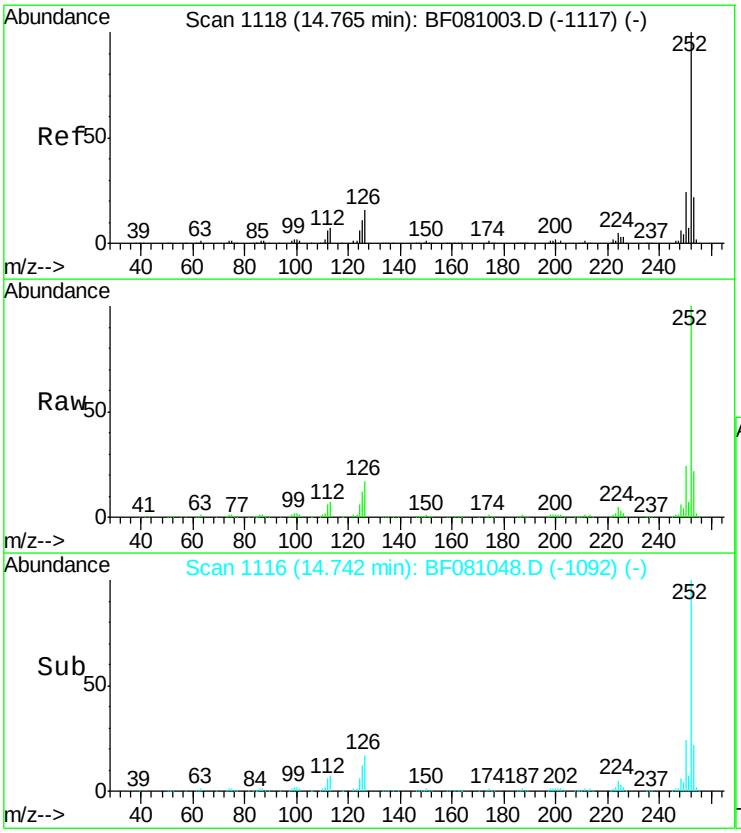
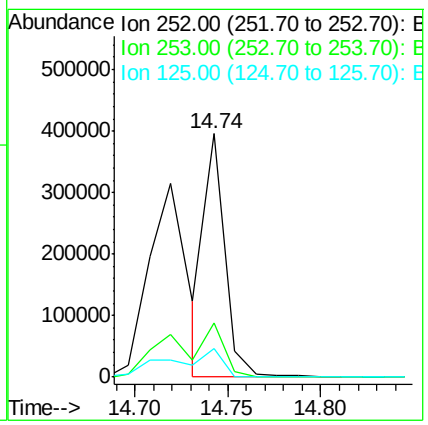
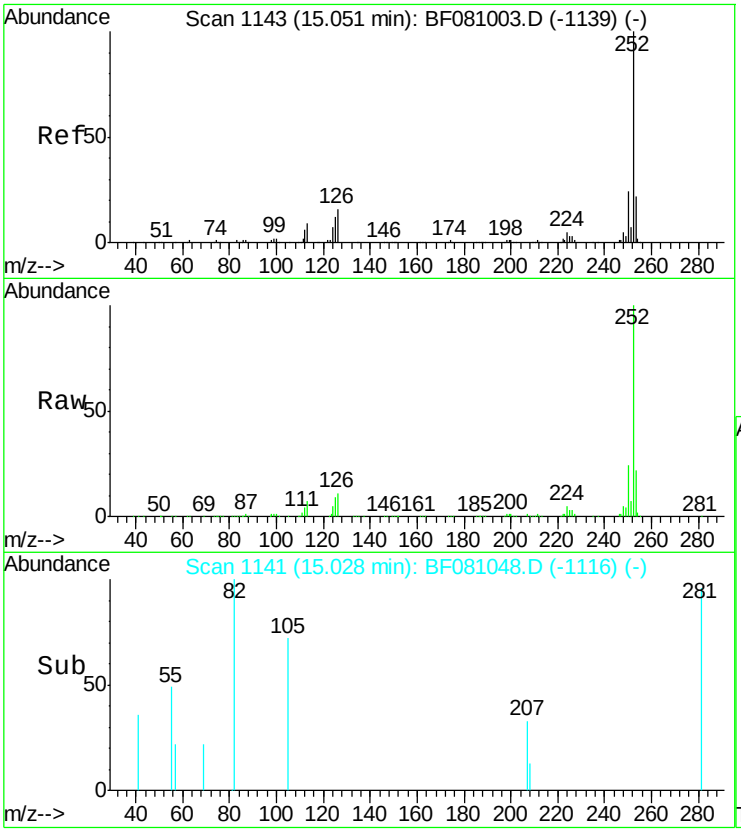



#88
Benzo(k)fluoranthene
Concen: 27.79 ng m
RT: 14.74 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:252 Resp: 308664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 17.6 | 26.4 |
| 125 | 11.9 | 10.3 | 15.5 |

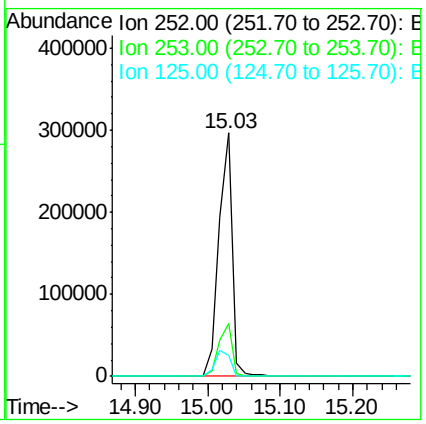





#89
Benzo(a)pyrene
Concen: 36.58 ng
RT: 15.03 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:252 Resp: 379908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 16.6 | 25.0 |
| 125 | 8.7 | 7.8 | 11.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

**Manual Integrations APPROVED**
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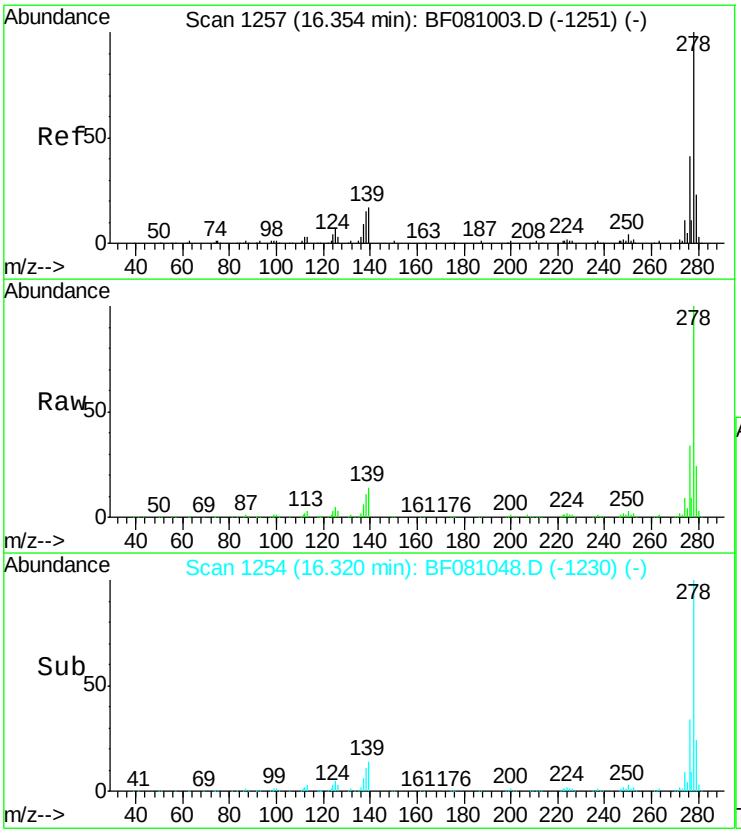
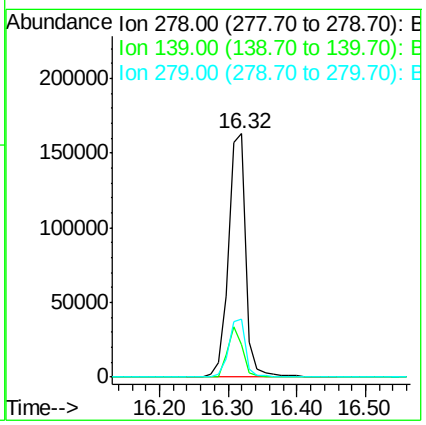
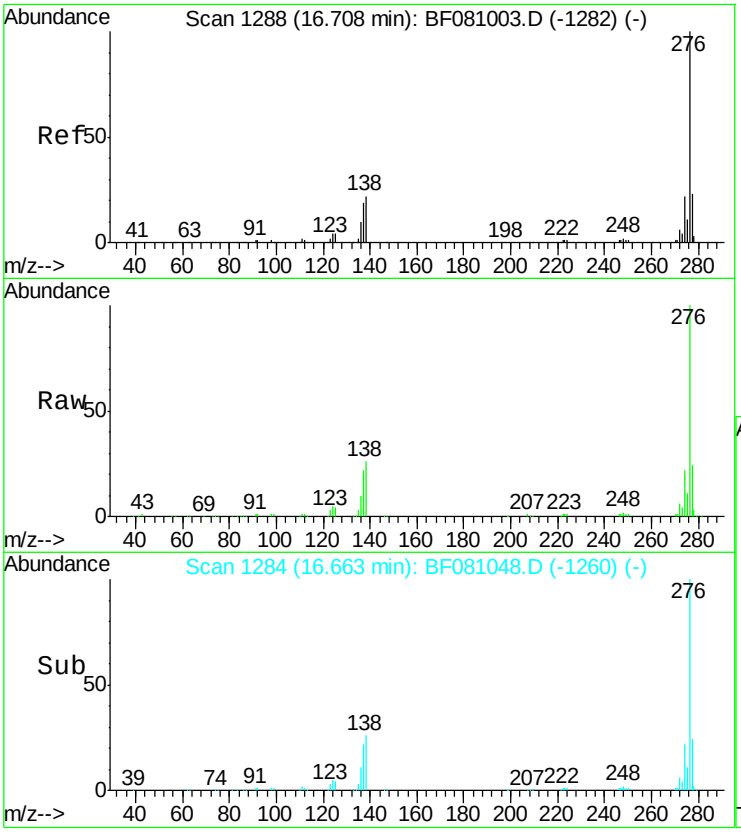



#90
Dibenzo(a,h)anthracene
Concen: 36.20 ng
RT: 16.32 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:278 Resp: 292978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 13.5 | 10.8 | 16.2 |
| 279 | 24.1 | 19.0 | 28.6 |

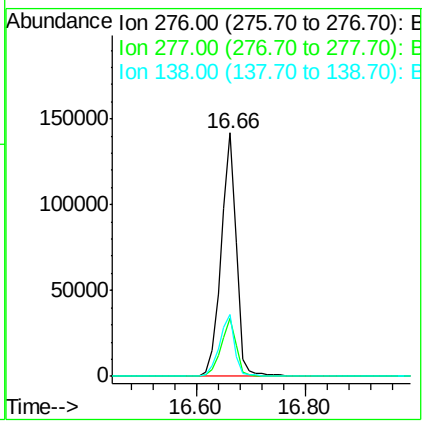





#91
Benzo(g,h,i)perylene
Concen: 33.88 ng
RT: 16.66 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:276 Resp: 278153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.8 | 18.2 | 27.2 |
| 138 | 25.7 | 13.7 | 20.5# |




**Instrument :**
BNA_F
**ClientSampleId :**
PB85025BS

**Manual Integrations APPROVED**
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