Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084863.D
Acq On : 5 Feb 2016 16:51
Operator : SJ/IZ
Sample : H1311-23MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SUP-B017(25-27)MS

**Manual Integrations APPROVED**
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2/8/2016 3:02:56 PM

Quant Time: Feb 05 22:33:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.66 | 152 | 168515 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 7.95 | 136 | 705015 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 9.70 | 164 | 323791 | 20.00 | ng | | -0.03 |
| 63) Phenanthrene-d10 | 11.17 | 188 | 570843 | 20.00 | ng | | -0.03 |
| 75) Chrysene-d12 | 13.80 | 240 | 377457 | 20.00 | ng | | -0.03 |
| 86) Perylene-d12 | 15.17 | 264 | 322105 | 20.00 | ng | | -0.03 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.26 | 112 | 1335840 | 123.47 | ng | | -0.01 |
| 7) Phenol-d6 | 6.32 | 99 | 1585464 | 118.21 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 7.24 | 82 | 1033660 | 82.59 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.49 | 330 | 371980 | 110.14 | ng | | -0.03 |
| 44) 2-Fluorobiphenyl | 9.04 | 172 | 1602704 | 82.54 | ng | | -0.02 |
| 78) Terphenyl-d14 | 12.76 | 244 | 1312994 | 78.82 | ng | | -0.03 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.21 | 88 | 151707 | 32.01 | ng | # | 72 |
| 3) Pyridine | 2.86 | 79 | 408159 | 33.06 | ng | # | 77 |
| 4) n-Nitrosodimethylamine | 2.82 | 42 | 249015 | 38.99 | ng | | 82 |
| 6) Aniline | 6.33 | 93 | 509496 | 31.04 | ng | # | 65 |
| 8) 2-Chlorophenol | 6.45 | 128 | 492153 | 40.19 | ng | | 93 |
| 9) Benzaldehyde | 6.20 | 77 | 175380 | 22.14 | ng | | 99 |
| 10) Phenol | 6.34 | 94 | 542752 | 36.12 | ng | | 87 |
| 11) bis(2-Chloroethyl)ether | 6.41 | 93 | 443599m | 37.86 | ng | | |
| 12) 1,3-Dichlorobenzene | 6.60 | 146 | 505332m | 39.06 | ng | | |
| 13) 1,4-Dichlorobenzene | 6.68 | 146 | 518454 | 40.08 | ng | | 93 |
| 14) 1,2-Dichlorobenzene | 6.83 | 146 | 435429 | 36.14 | ng | | 96 |
| 15) Benzyl Alcohol | 6.82 | 79 | 409058 | 44.17 | ng | | 91 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.96 | 45 | 747055 | 37.90 | ng | | 87 |
| 17) 2-Methylphenol | 6.94 | 107 | 415217 | 42.87 | ng | # | 92 |
| 18) Hexachloroethane | 7.17 | 117 | 190630 | 38.27 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 7.09 | 70 | 336980 | 40.08 | ng | # | 76 |
| 20) 3+4-Methylphenols | 7.09 | 107 | 487657 | 40.57 | ng | # | 79 |
| 22) Acetophenone | 7.08 | 105 | 683951 | 36.81 | ng | | 99 |
| 24) Nitrobenzene | 7.25 | 77 | 492329 | 36.74 | ng | | 96 |
| 25) Isophorone | 7.49 | 82 | 947050 | 38.92 | ng | | 97 |
| 26) 2-Nitrophenol | 7.57 | 139 | 285389 | 43.18 | ng | | 91 |
| 27) 2,4-Dimethylphenol | 7.62 | 122 | 432400 | 37.61 | ng | | 94 |
| 28) bis(2-Chloroethoxy)methane | 7.71 | 93 | 551776 | 38.22 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.81 | 162 | 389328 | 39.58 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 7.89 | 180 | 407598 | 36.68 | ng | | 96 |
| 31) Naphthalene | 7.97 | 128 | 1399654 | 39.58 | ng | | 99 |
| 32) Benzoic acid | 7.71 | 122 | 29209 | 3.97 | ng | | 96 |
| 33) 4-Chloroaniline | 8.03 | 127 | 330437 | 22.59 | ng | | 94 |
| 34) Hexachlorobutadiene | 8.10 | 225 | 233101 | 36.38 | ng | | 99 |
| 35) Caprolactam | 8.41 | 113 | 128598m | 42.41 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.52 | 107 | 456024 | 40.63 | ng | | 94 |
| 37) 2-Methylnaphthalene | 8.66 | 142 | 862300 | 38.96 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.83 | 216 | 393261 | 38.24 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 8.82 | 237 | 354661 | 78.66 | ng | | 98 |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084863.D
Acq On : 5 Feb 2016 16:51
Operator : SJ/IZ
Sample : H1311-23MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SUP-B017(25-27)MS

**Manual Integrations APPROVED**
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2/8/2016 3:02:56 PM

Quant Time: Feb 05 22:33:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.94 | 196 | 261884 | 39.53 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 8.99 | 196 | 277593 | 41.24 | ng | # | 87 |
| 45) 1,1'-Biphenyl | 9.13 | 154 | 1077411 | 37.25 | ng | | 99 |
| 46) 2-Chloronaphthalene | 9.15 | 162 | 846168 | 39.73 | ng | | 93 |
| 47) 2-Nitroaniline | 9.25 | 65 | 295909 | 43.88 | ng | | 94 |
| 48) Acenaphthylene | 9.56 | 152 | 1196921 | 37.03 | ng | | 98 |
| 49) Dimethylphthalate | 9.45 | 163 | 1280373 | 51.92 | ng | # | 91 |
| 50) 2,6-Dinitrotoluene | 9.50 | 165 | 224475 | 41.67 | ng | # | 86 |
| 51) Acenaphthene | 9.73 | 154 | 787864 | 37.47 | ng | | 97 |
| 52) 3-Nitroaniline | 9.66 | 138 | 181722 | 30.02 | ng | | 93 |
| 53) 2,4-Dinitrophenol | 9.78 | 184 | 78514 | 35.09 | ng | # | 84 |
| 54) Dibenzofuran | 9.90 | 168 | 1031027 | 40.12 | ng | | 92 |
| 55) 4-Nitrophenol | 9.85 | 139 | 306340 | 68.85 | ng | # | 82 |
| 56) 2,4-Dinitrotoluene | 9.90 | 165 | 297756 | 43.33 | ng | # | 91 |
| 57) Fluorene | 10.25 | 166 | 854042 | 39.80 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.03 | 232 | 244530 | 47.72 | ng | | 90 |
| 59) Diethylphthalate | 10.13 | 149 | 891165 | 37.01 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 10.25 | 204 | 408285 | 45.34 | ng | # | 87 |
| 61) 4-Nitroaniline | 10.28 | 138 | 245779 | 41.66 | ng | | 92 |
| 62) Azobenzene | 10.41 | 77 | 1004185 | 43.37 | ng | | 92 |
| 64) 4,6-Dinitro-2-methylphenol | 10.30 | 198 | 143740 | 40.80 | ng | # | 52 |
| 65) n-Nitrosodiphenylamine | 10.36 | 169 | 753739 | 41.58 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 10.73 | 248 | 249168 | 39.52 | ng | # | 77 |
| 67) Hexachlorobenzene | 10.80 | 284 | 297624 | 43.32 | ng | # | 91 |
| 68) Atrazine | 10.90 | 200 | 245721 | 42.93 | ng | | 97 |
| 69) Pentachlorophenol | 10.99 | 266 | 265251 | 82.15 | ng | | 98 |
| 70) Phenanthrene | 11.21 | 178 | 1352637 | 42.72 | ng | | 98 |
| 71) Anthracene | 11.25 | 178 | 1246192 | 39.06 | ng | | 99 |
| 72) Carbazole | 11.41 | 167 | 1153841 | 41.48 | ng | | 100 |
| 73) Di-n-butylphthalate | 11.76 | 149 | 1476607 | 41.69 | ng | # | 97 |
| 74) Fluoranthene | 12.39 | 202 | 1312428 | 40.96 | ng | | 97 |
| 76) Benzidine | 12.51 | 184 | 574424 | 43.82 | ng | | 99 |
| 77) Pyrene | 12.61 | 202 | 1400529 | 48.46 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.24 | 149 | 575585 | 43.90 | ng | | 95 |
| 80) Benzo(a)anthracene | 13.79 | 228 | 1012101 | 43.20 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.77 | 252 | 177766 | 21.43 | ng | # | 97 |
| 82) Chrysene | 13.84 | 228 | 992674 | 43.70 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.80 | 149 | 715569 | 43.86 | ng | | 99 |
| 84) Di-n-octyl phthalate | 14.42 | 149 | 1177448 | 43.74 | ng | # | 91 |
| 85) Indeno(1,2,3-cd)pyrene | 16.44 | 276 | 796860 | 44.56 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 14.80 | 252 | 757274m | 34.99 | ng | | |
| 88) Benzo(k)fluoranthene | 14.82 | 252 | 772535m | 43.17 | ng | | |
| 89) Benzo(a)pyrene | 15.12 | 252 | 712937 | 38.66 | ng | # | 97 |
| 90) Dibenzo(a,h)anthracene | 16.45 | 278 | 669707 | 43.14 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 16.83 | 276 | 687283 | 43.95 | ng | | 98 |

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

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Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084863.D
Acq On : 5 Feb 2016 16:51
Operator : SJ/IZ
Sample : H1311-23MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 05 22:33:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

**Manual Integrations APPROVED**
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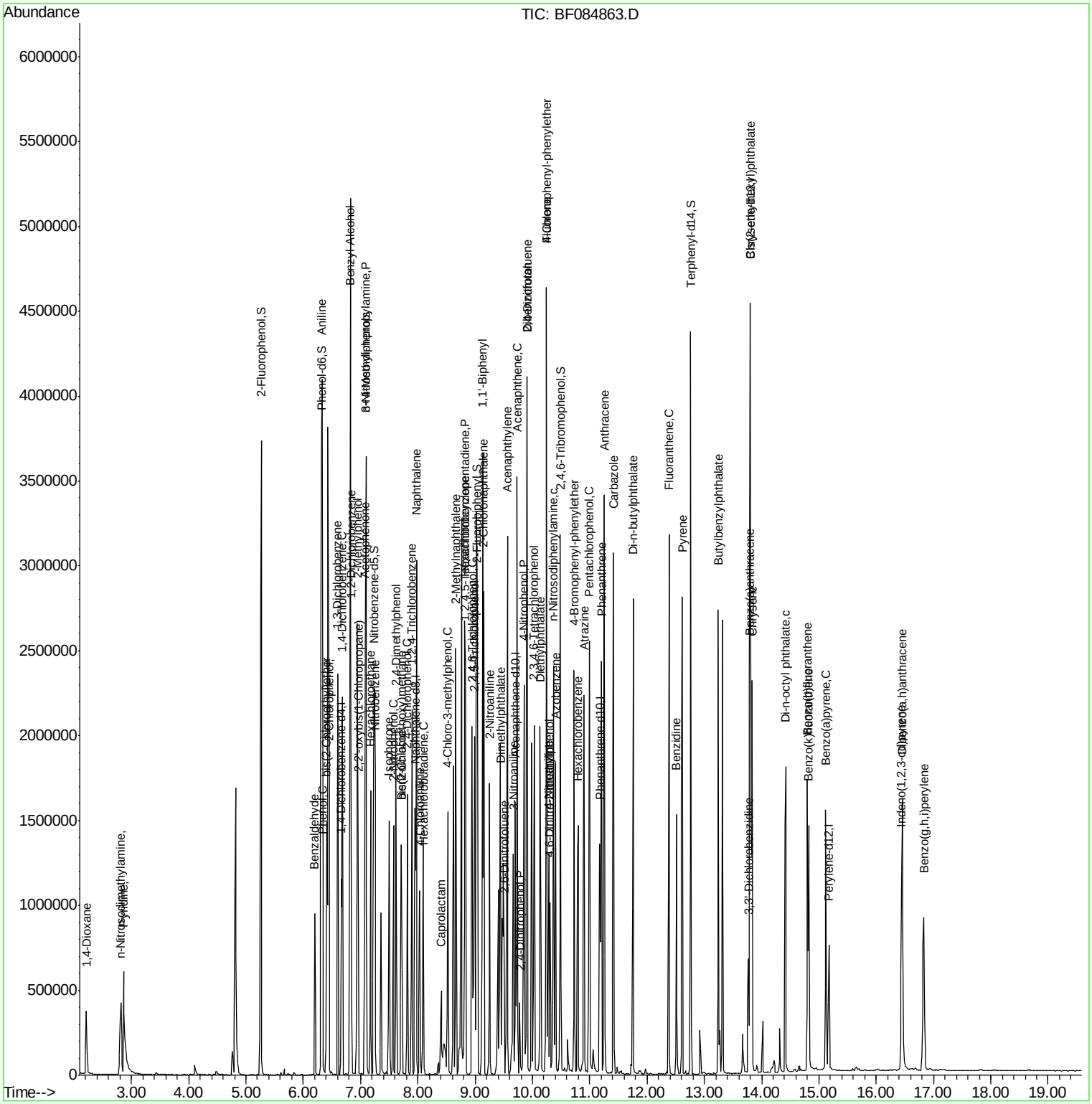
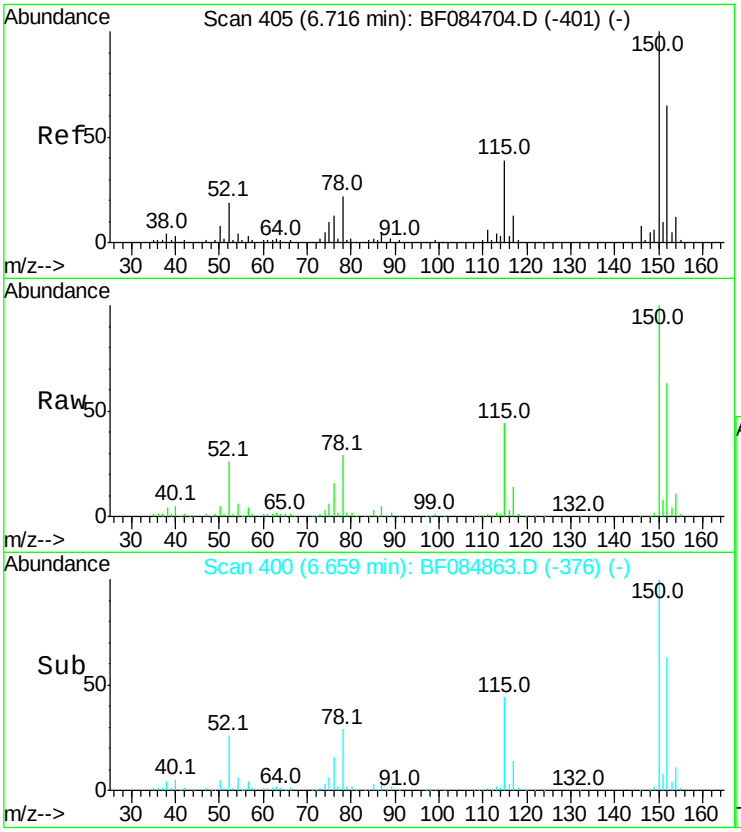
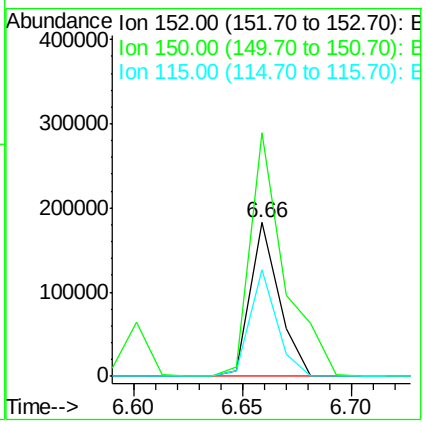





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:152 Resp: 168515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.1 | 123.0 | 184.4 |
| 115 | 69.1 | 51.4 | 77.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

**Manual Integrations APPROVED**
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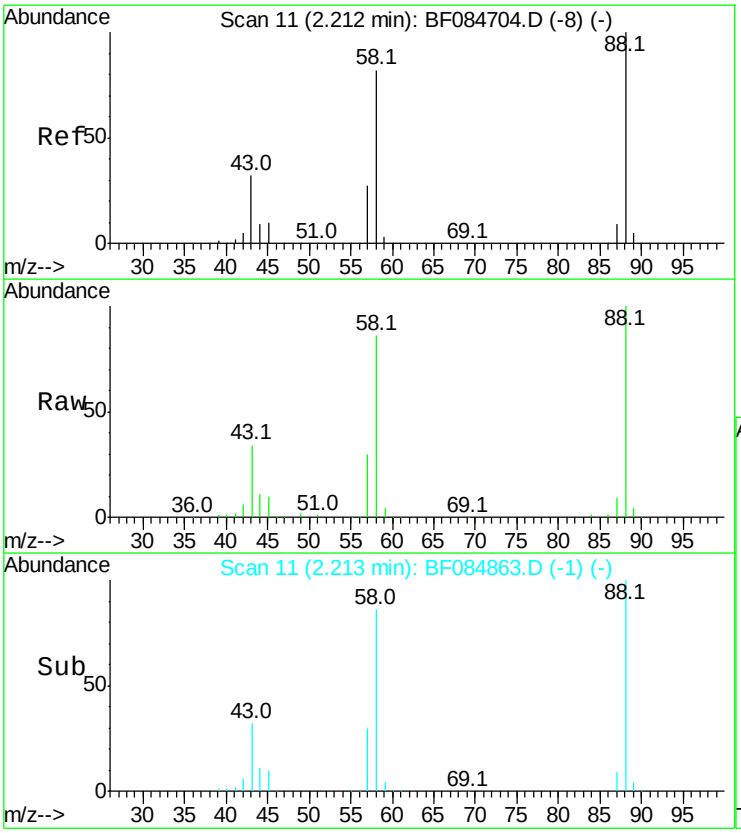
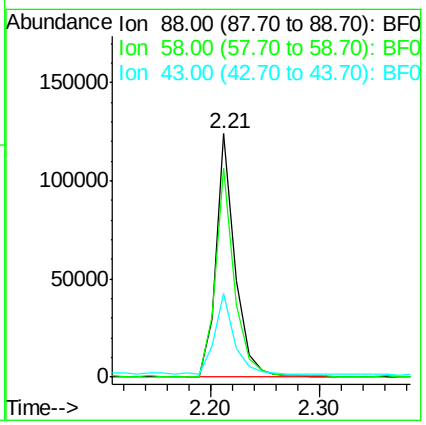
2/8/2016 3:02:56 PM

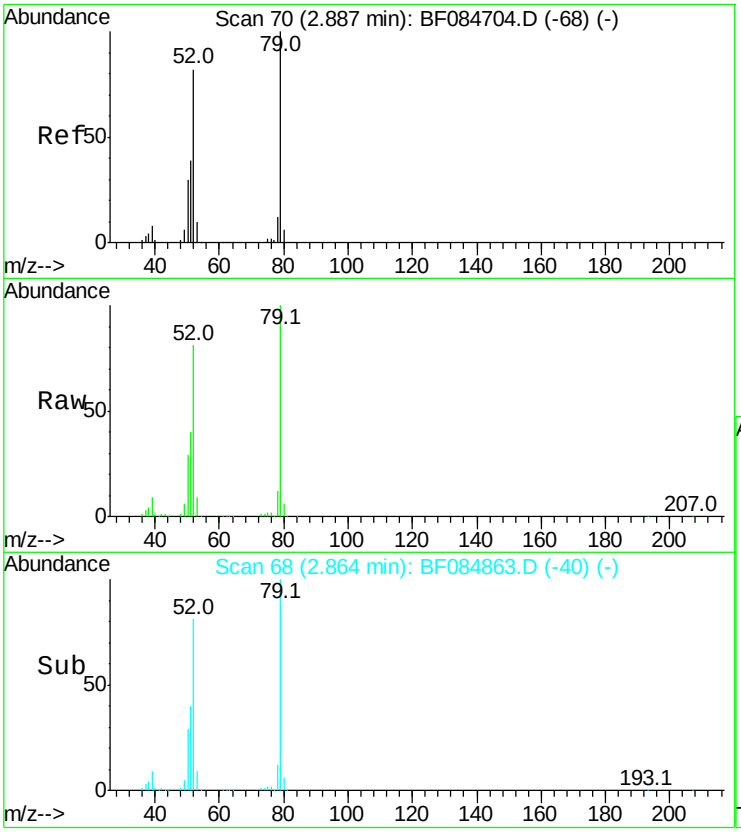



#2
1,4-Dioxane
Concen: 32.01 ng
RT: 2.21 min Scan# 11
Delta R.T. 0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion: 88 Resp: 151707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 87.5 | 51.2 | 76.8# |
| 43 | 36.2 | 19.5 | 29.3# |

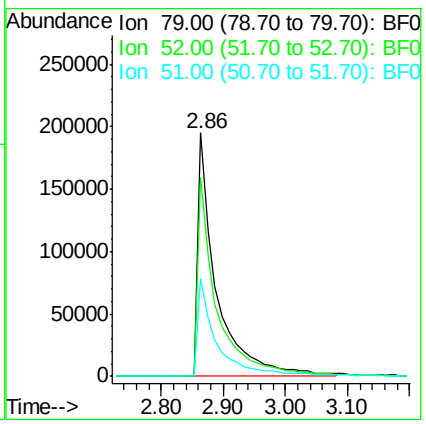





#3
Pyridine
Concen: 33.06 ng
RT: 2.86 min Scan# 68
Delta R.T. 0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion: 79 Resp: 408159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 81.4 | 49.0 | 73.4# |
| 51 | 40.0 | 25.2 | 37.8# |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

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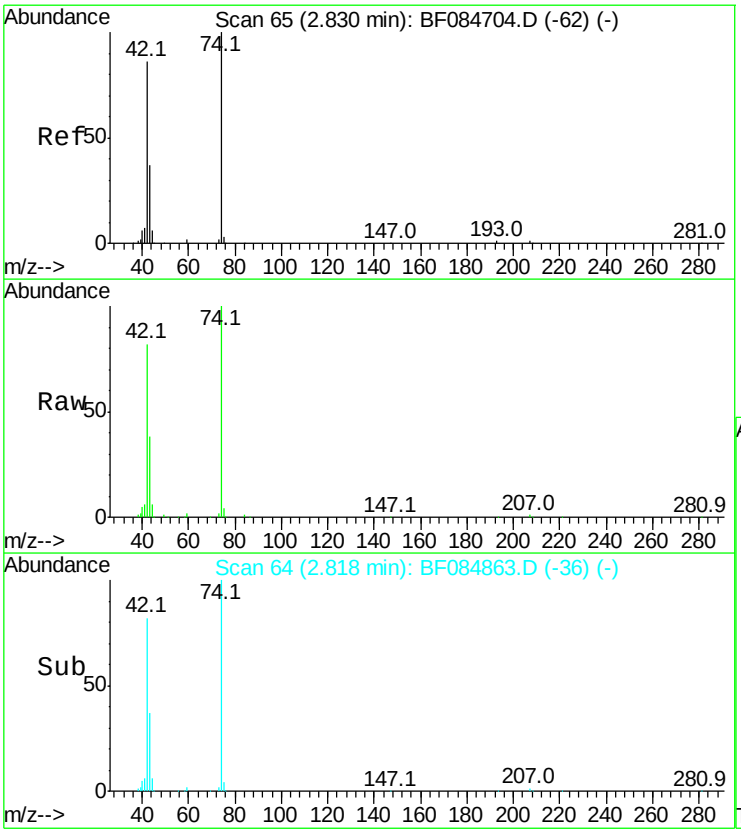
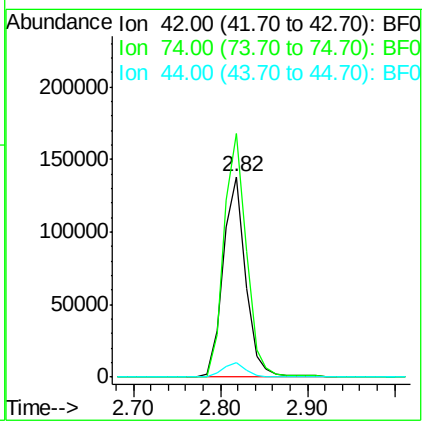
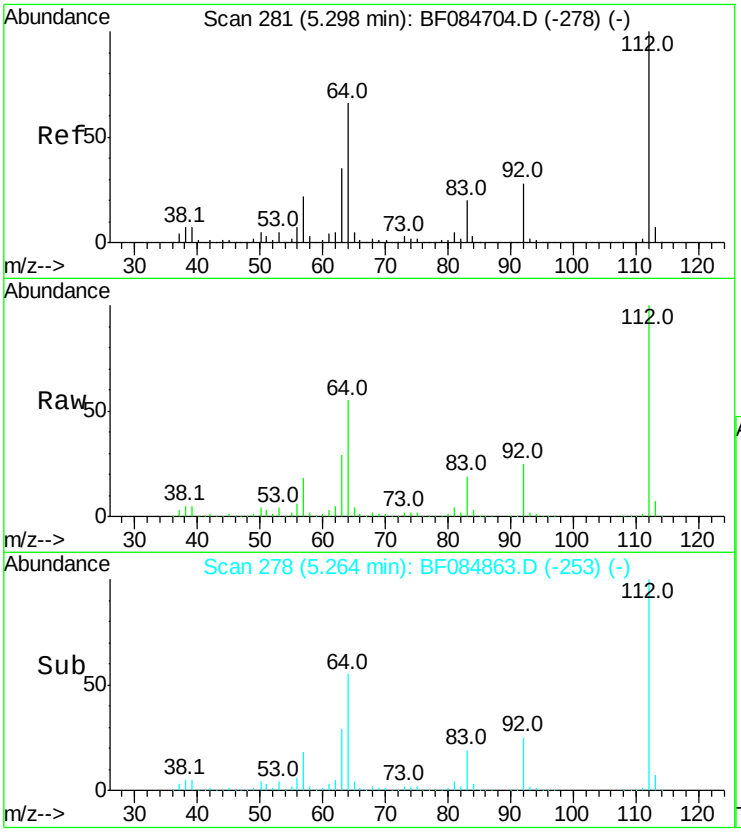



#4
n-Nitrosodimethylamine
Concen: 38.99 ng
RT: 2.82 min Scan# 64
Delta R.T. 0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion: 42 Resp: 249015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 121.4 | 115.7 | 173.5 |
| 44 | 7.2 | 5.1 | 7.7 |






#5
2-Fluorophenol
Concen: 123.47 ng
RT: 5.26 min Scan# 278
Delta R.T. -0.01 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:112 Resp: 1335840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.2 | 36.6 | 55.0# |
| 63 | 29.1 | 19.4 | 29.0# |

**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

**Manual Integrations APPROVED**
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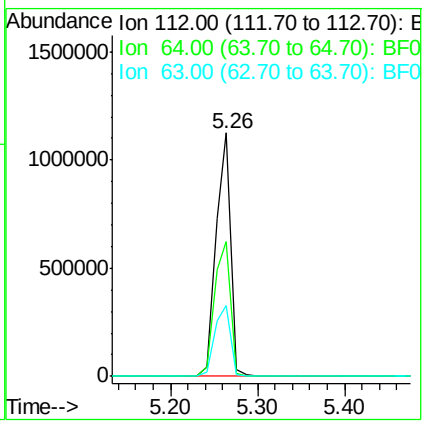
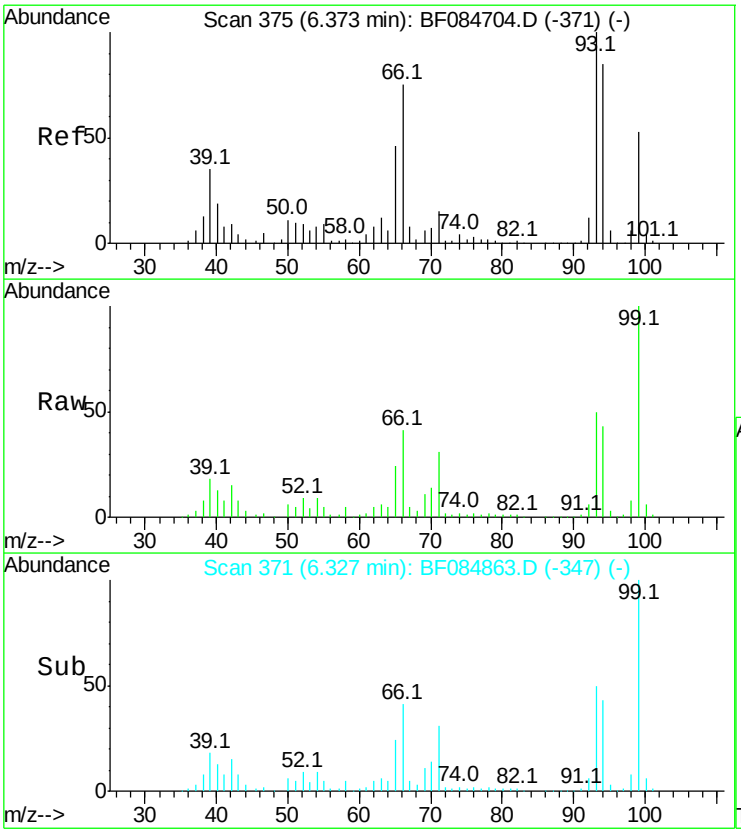
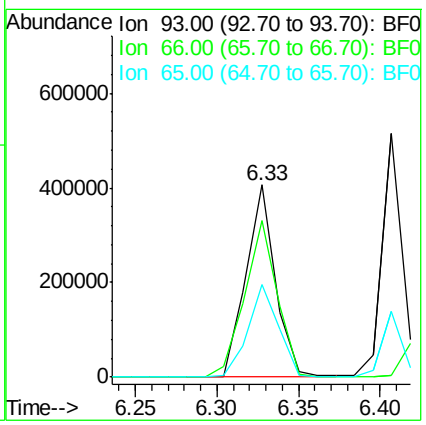


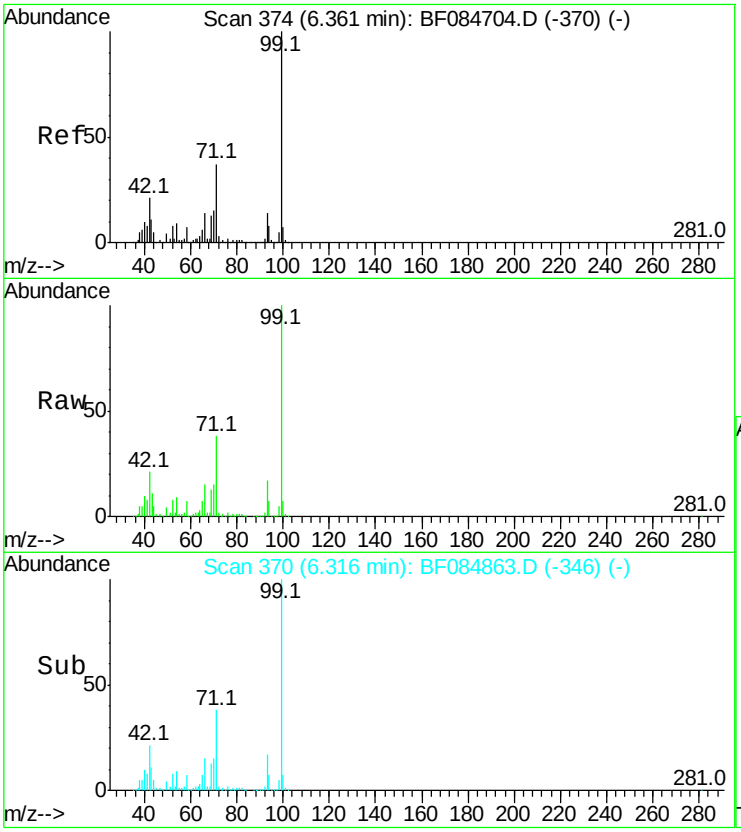




#6
Aniline
Concen: 31.04 ng
RT: 6.33 min Scan# 371
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion: 93 Resp: 509496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 81.4 | 44.9 | 67.3# |
| 65 | 48.1 | 23.7 | 35.5# |

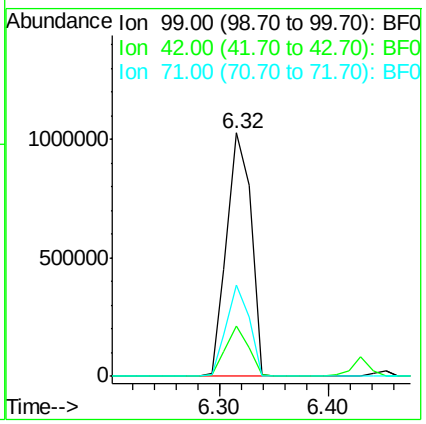





#7
Phenol-d6
Concen: 118.21 ng
RT: 6.32 min Scan# 370
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion: 99 Resp: 1585464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.6 | 12.8 | 19.2# |
| 71 | 37.5 | 30.9 | 46.3 |

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BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

**Manual Integrations APPROVED**
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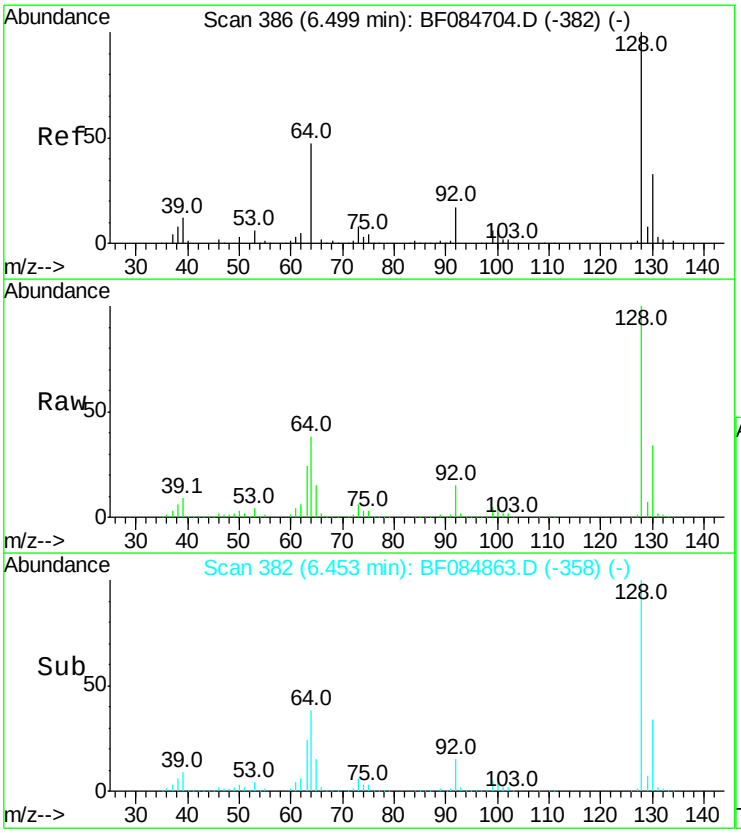
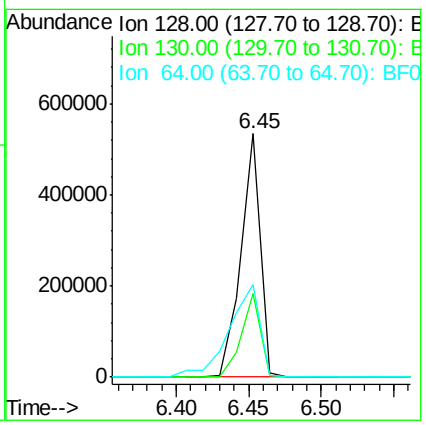
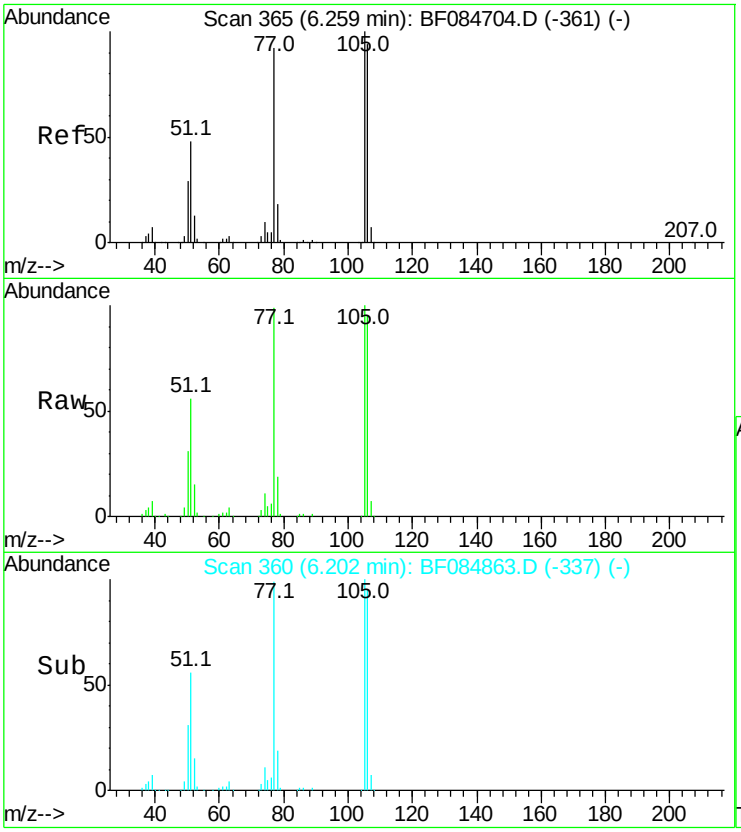



#8
2-Chlorophenol
Concen: 40.19 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:128 Resp: 492153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 34.1 | 11.6 | 51.6 |
| 64 | 38.0 | 23.8 | 63.8 |

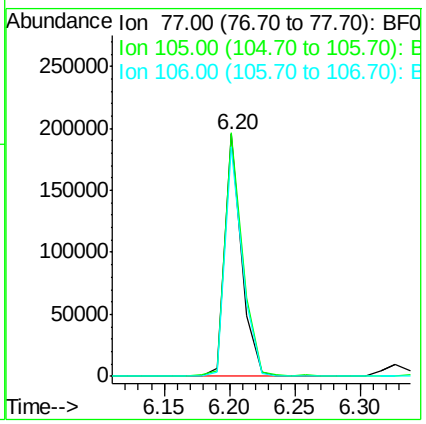





#9
Benzaldehyde
Concen: 22.14 ng
RT: 6.20 min Scan# 360
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion: 77 Resp: 175380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 100.6 | 83.0 | 123.0 |
| 106 | 95.1 | 74.6 | 114.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

**Manual Integrations APPROVED**
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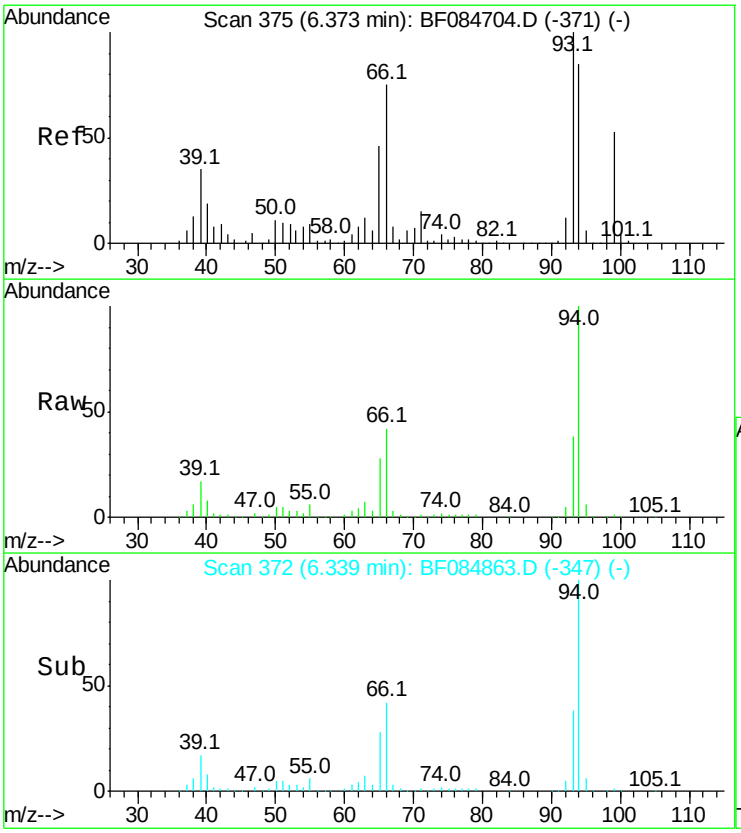
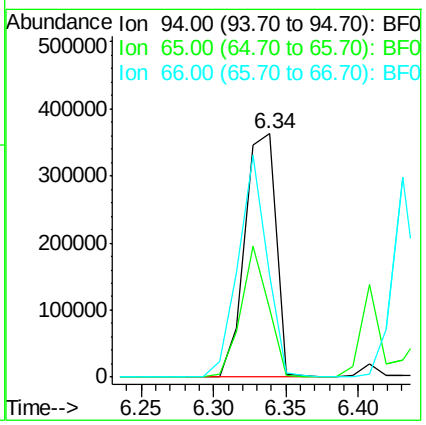
2/8/2016 3:02:56 PM

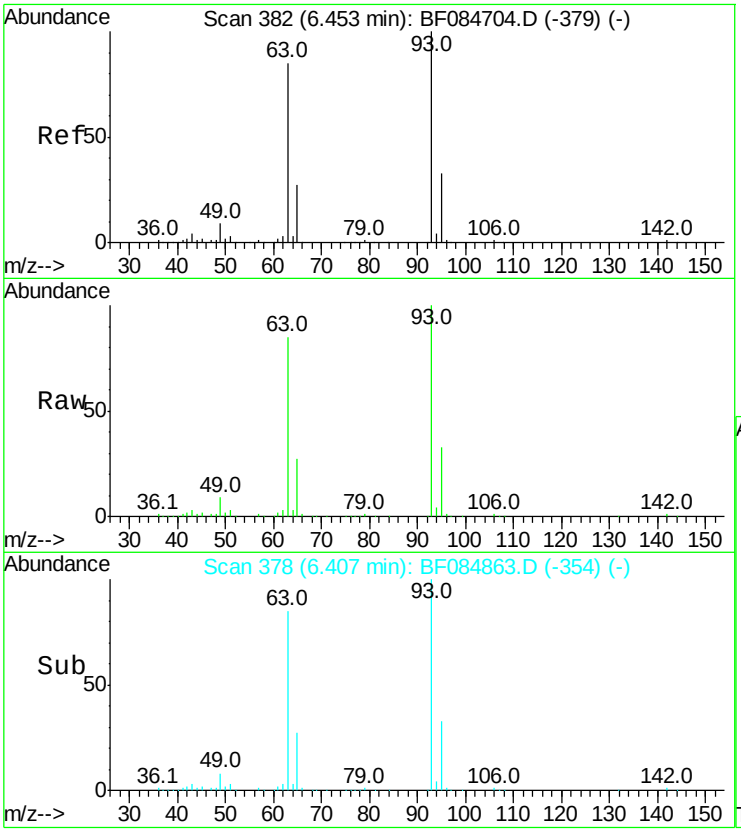



#10
Phenol
Concen: 36.12 ng
RT: 6.34 min Scan# 372
Delta R.T. -0.01 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion: 94 Resp: 542752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.8 | 12.9 | 52.9 |
| 66 | 41.6 | 32.7 | 72.7 |

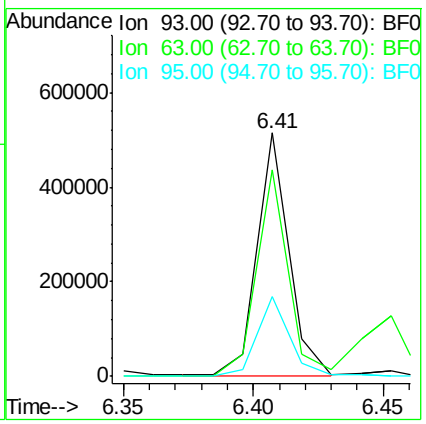





#11
bis(2-Chloroethyl)ether
Concen: 37.86 ng m
RT: 6.41 min Scan# 378
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion: 93 Resp: 443599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 84.7 | 45.9 | 85.9 |
| 95 | 32.7 | 12.3 | 52.3 |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

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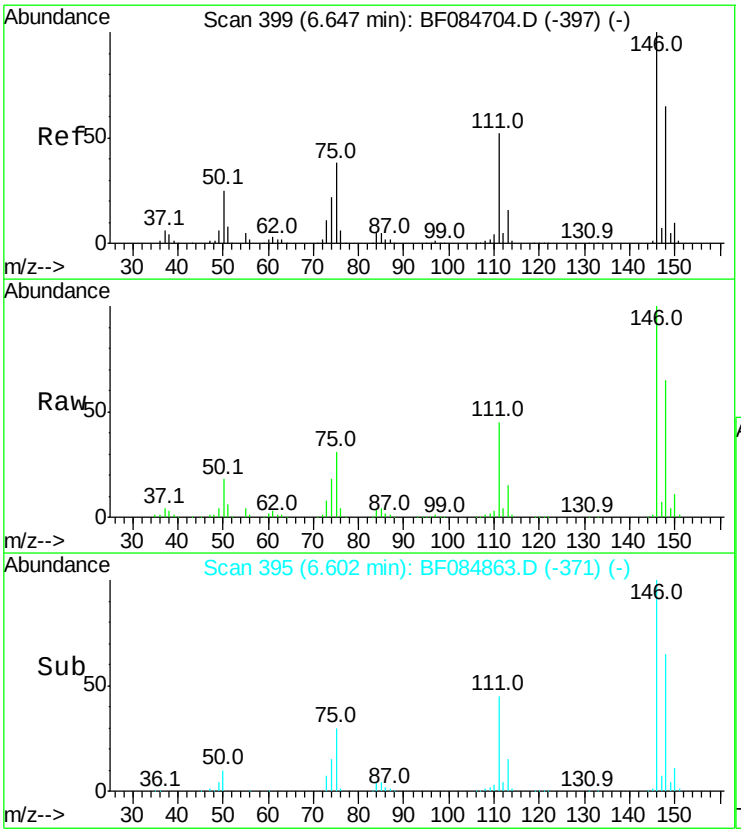
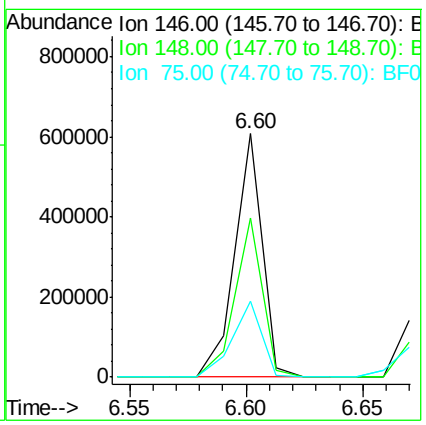
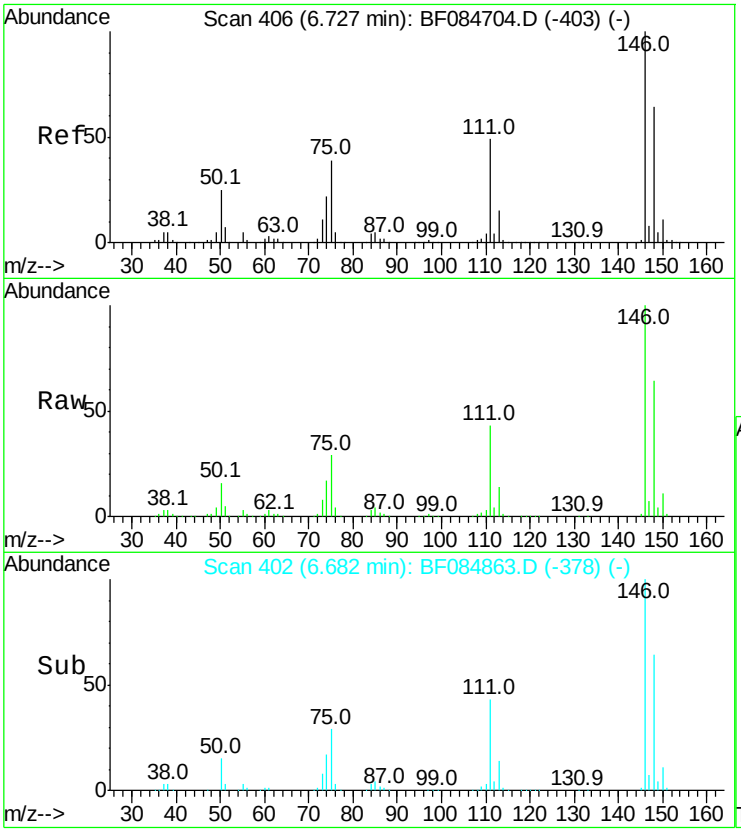



#12
1,3-Dichlorobenzene
Concen: 39.06 ng m
RT: 6.60 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:146 Resp: 505332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.4 | 51.9 | 77.9 |
| 75 | 31.1 | 20.5 | 30.7# |

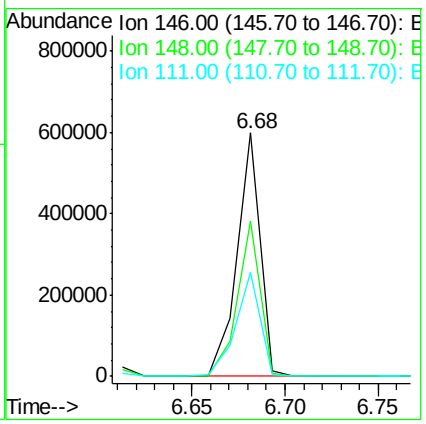





#13
1,4-Dichlorobenzene
Concen: 40.08 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:146 Resp: 518454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.7 | 51.9 | 77.9 |
| 111 | 42.5 | 41.6 | 62.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

**Manual Integrations APPROVED**
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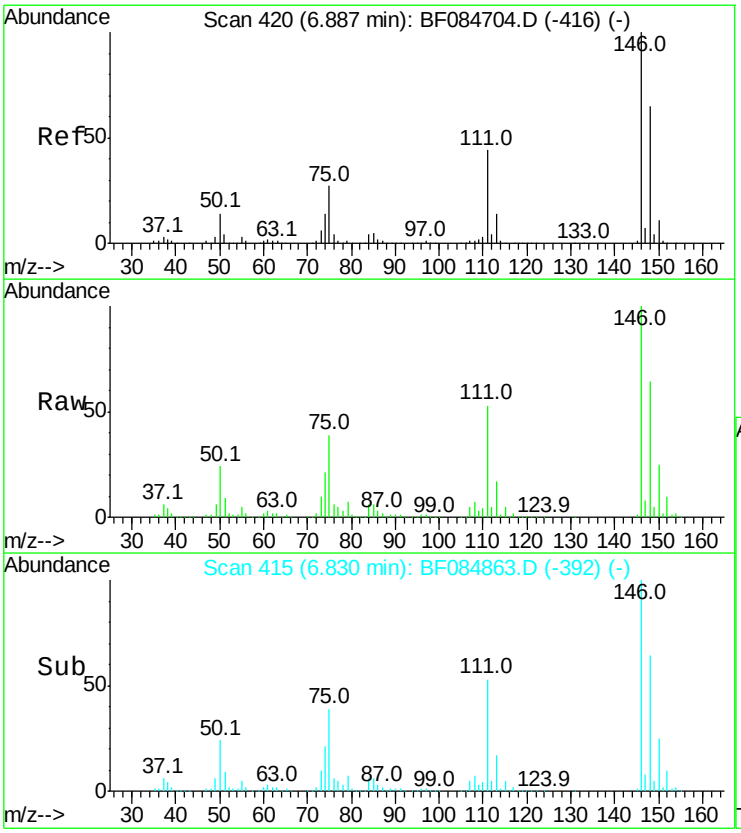
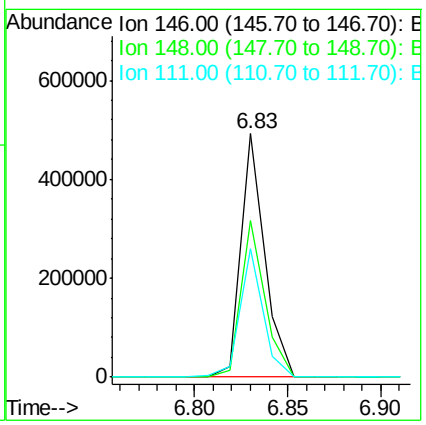
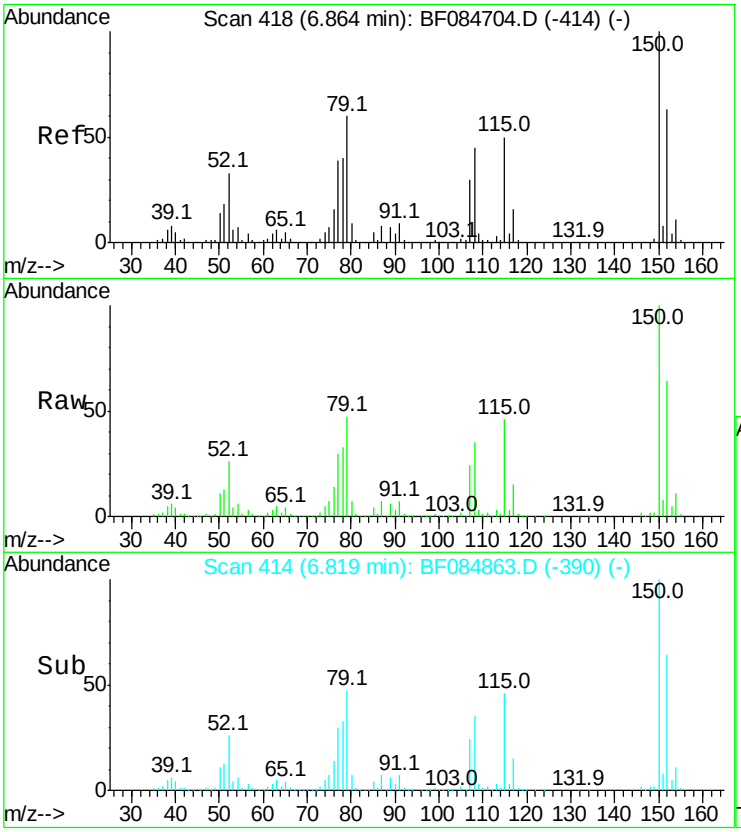



#14
1,2-Dichlorobenzene
Concen: 36.14 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:146 Resp: 435429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.1 | 51.6 | 77.4 |
| 111 | 52.9 | 38.0 | 57.0 |

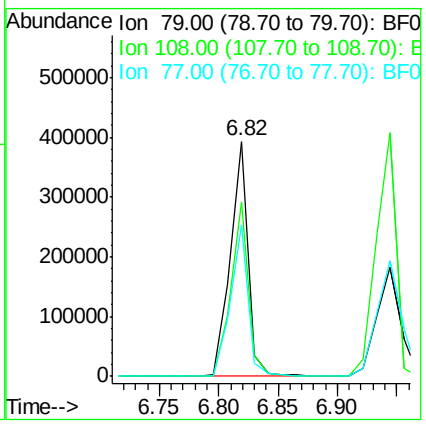





#15
Benzyl Alcohol
Concen: 44.17 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion: 79 Resp: 409058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 74.1 | 69.0 | 103.4 |
| 77 | 64.2 | 50.0 | 75.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

**Manual Integrations APPROVED**
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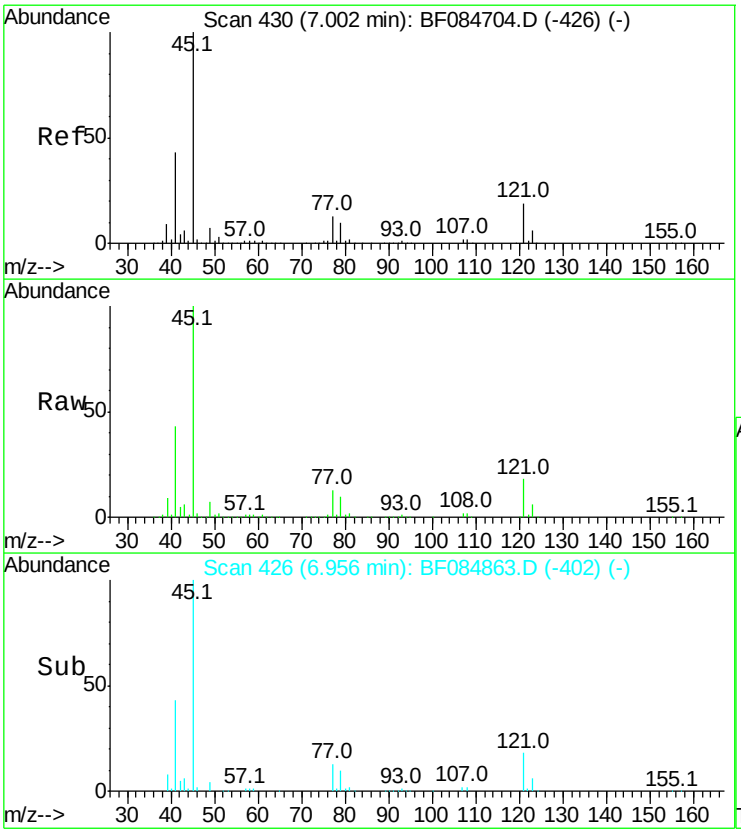
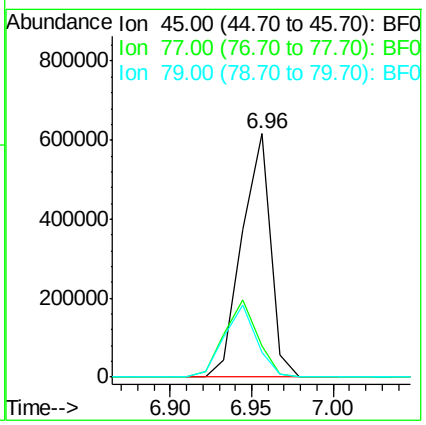
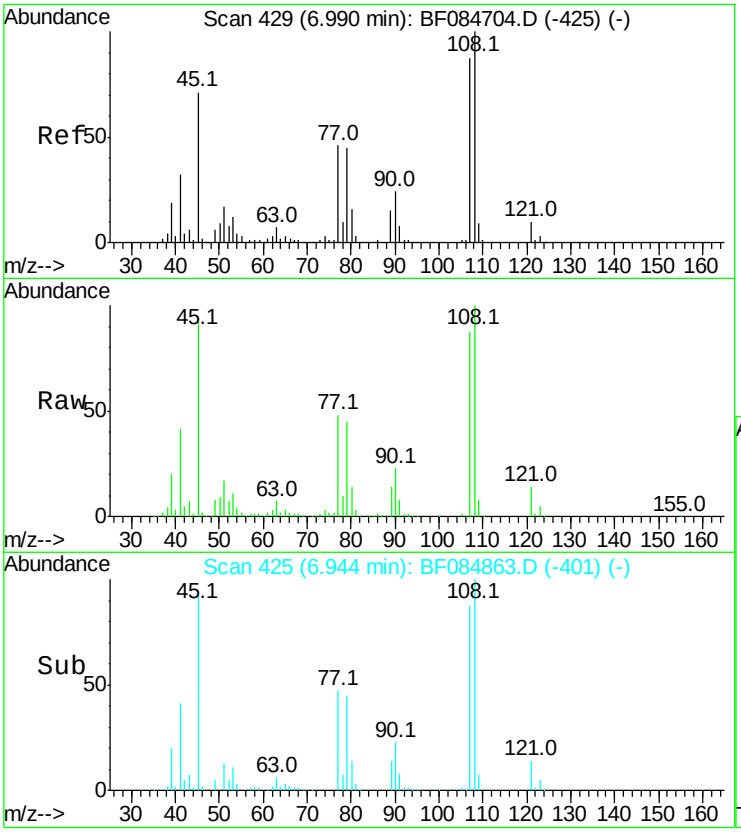



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.90 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion: 45 Resp: 747055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 12.8 | 0.0 | 39.6 |
| 79 | 10.3 | 0.0 | 35.0 |

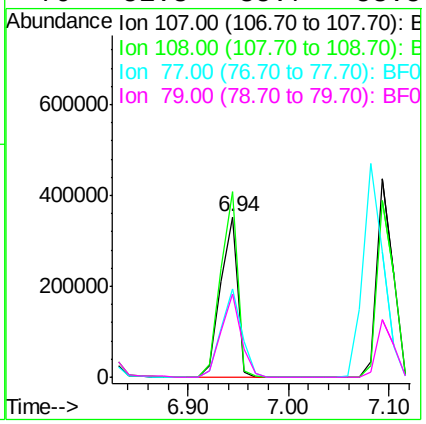





#17
2-Methylphenol
Concen: 42.87 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:107 Resp: 415217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 115.6 | 89.8 | 134.6 |
| 77 | 55.1 | 35.7 | 53.5# |
| 79 | 51.8 | 35.7 | 53.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

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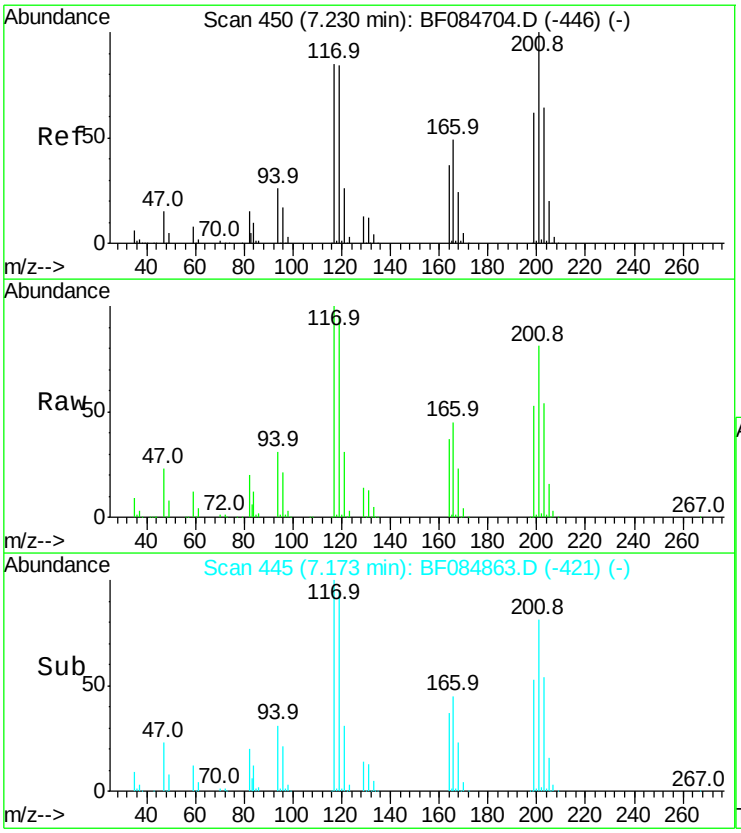
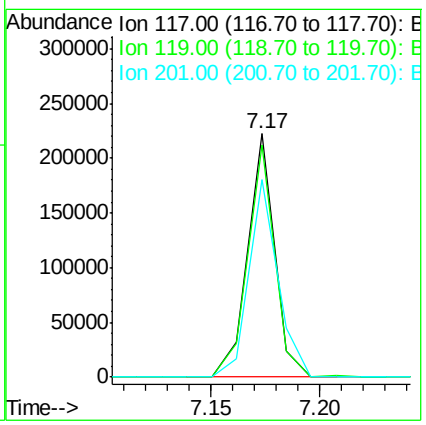
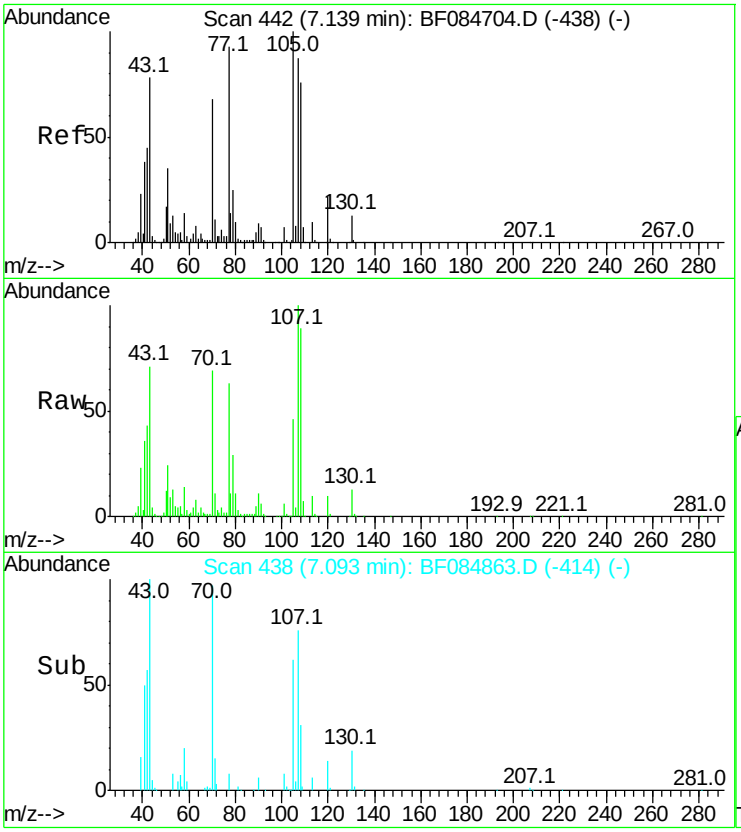



#18
Hexachloroethane
Concen: 38.27 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:117 Resp: 190630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.5 | 77.4 | 116.0 |
| 201 | 81.1 | 68.6 | 103.0 |






#19
n-Nitroso-di-n-propylamine
Concen: 40.08 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

**Manual Integrations APPROVED**
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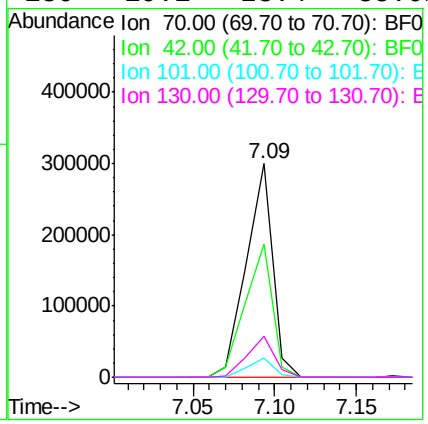
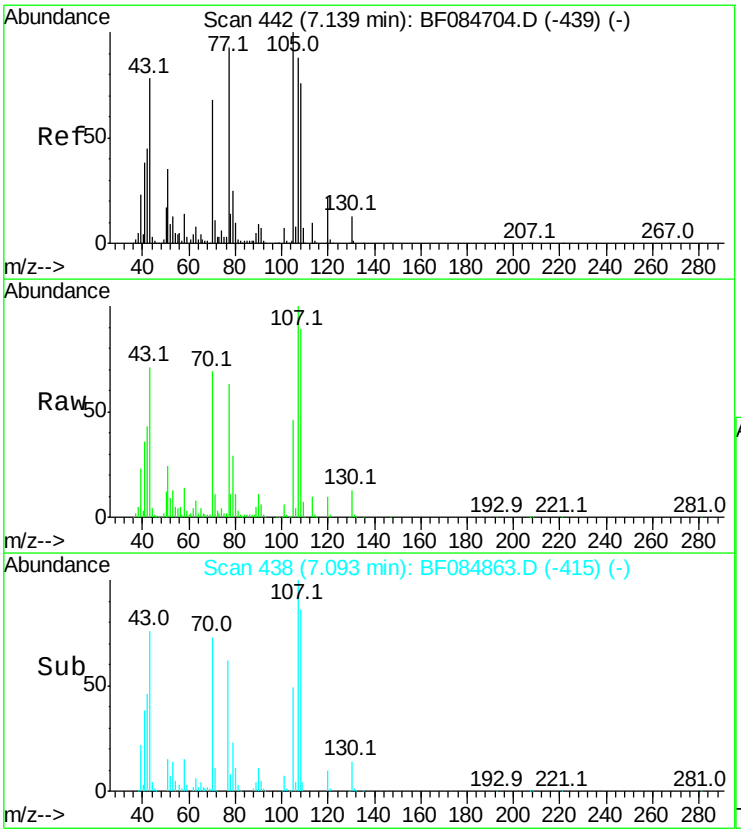
Tgt Ion: 70 Resp: 336980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 62.6 | 33.3 | 49.9# |
| 101 | 9.0 | 9.3 | 13.9# |
| 130 | 19.1 | 23.4 | 35.0# |

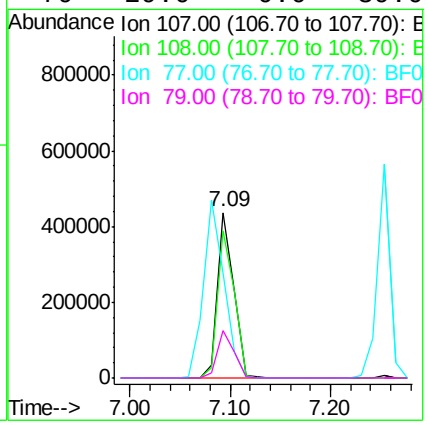


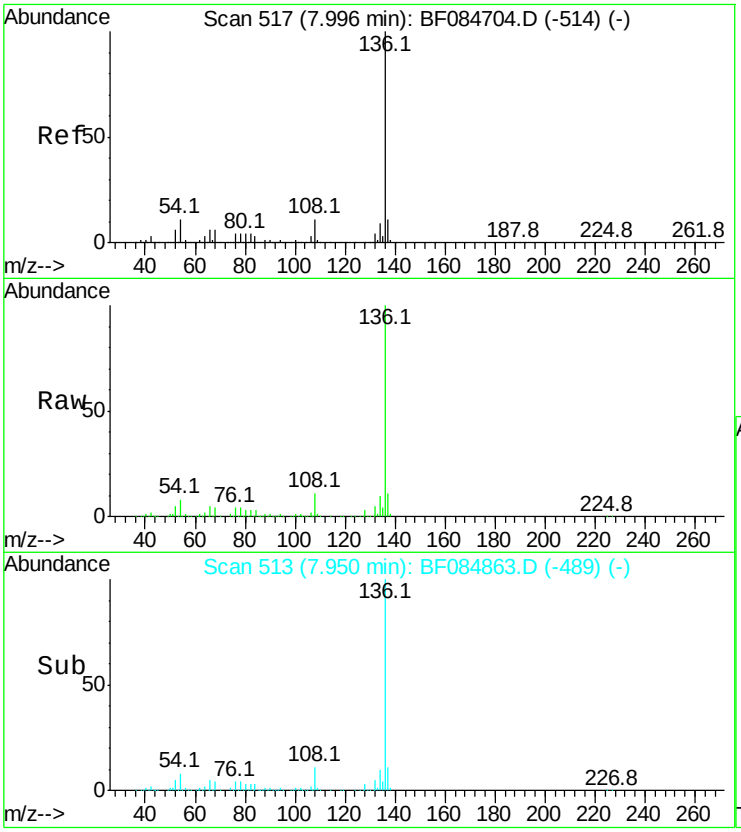




#20
3+4-Methylphenols
Concen: 40.57 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:107 Resp: 487657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.8 | 74.6 | 114.6 |
| 77 | 63.4 | 0.7 | 40.7# |
| 79 | 29.0 | 0.0 | 39.0 |

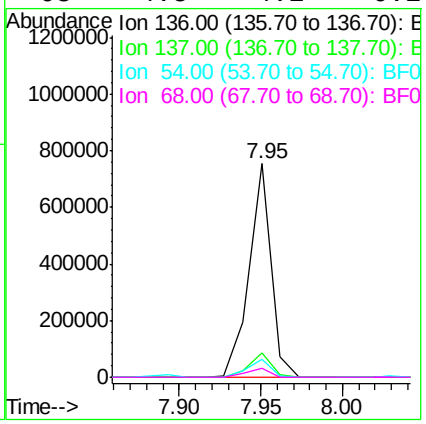





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:136 Resp: 705015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.7 | 13.1 |
| 54 | 8.5 | 5.8 | 8.8 |
| 68 | 4.5 | 4.2 | 6.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

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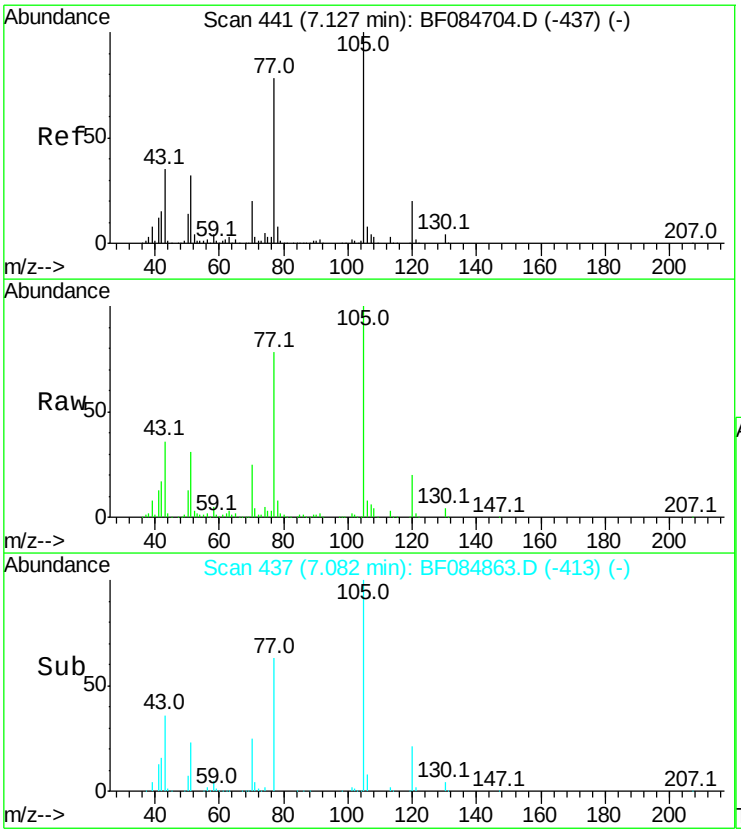
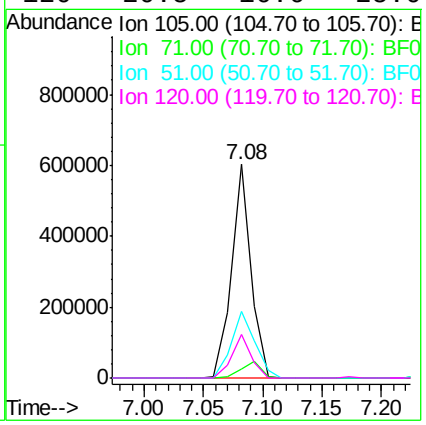
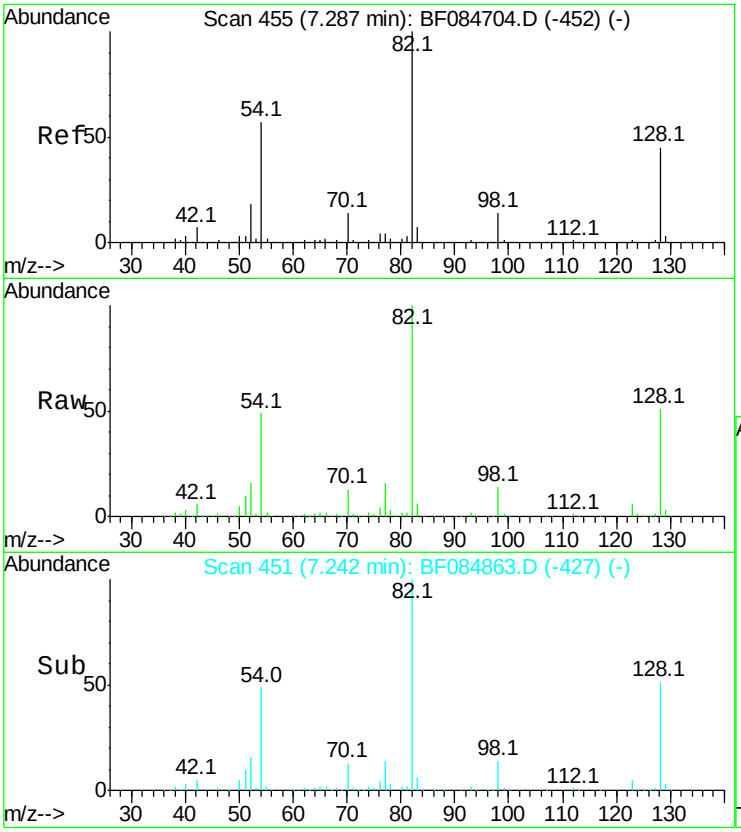



#22
Acetophenone
Concen: 36.81 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:105 Resp: 683951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 4.0 | 3.7 | 5.5 |
| 51 | 31.0 | 25.1 | 37.7 |
| 120 | 20.5 | 16.6 | 25.0 |

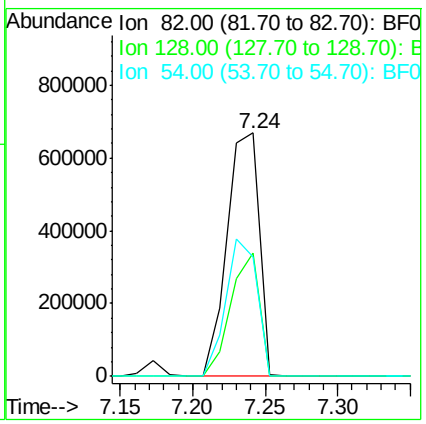





#23
Nitrobenzene-d5
Concen: 82.59 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion: 82 Resp: 1033660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 50.7 | 34.6 | 51.8 |
| 54 | 49.3 | 38.4 | 57.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

**Manual Integrations APPROVED**
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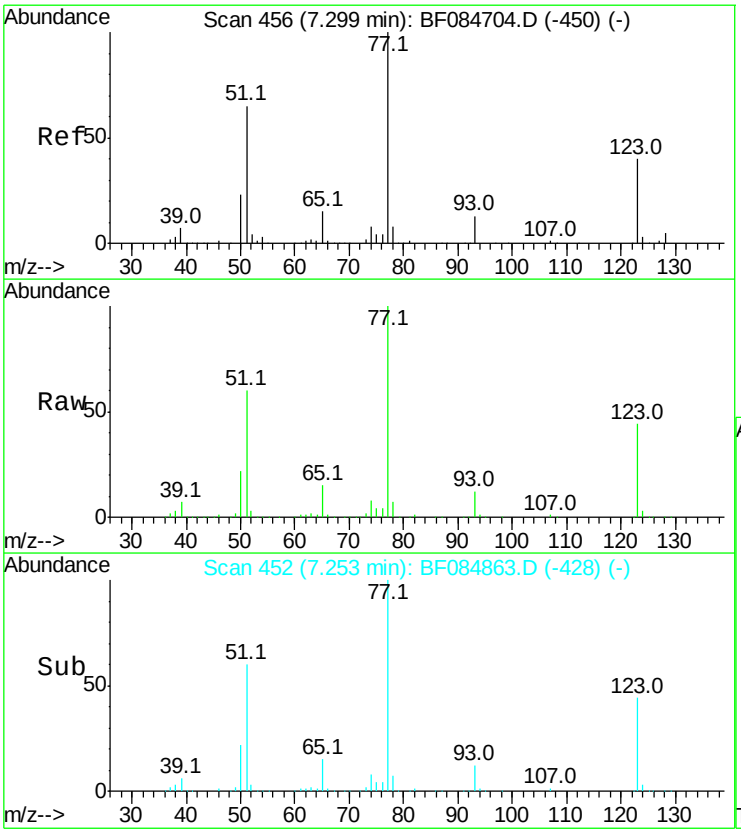
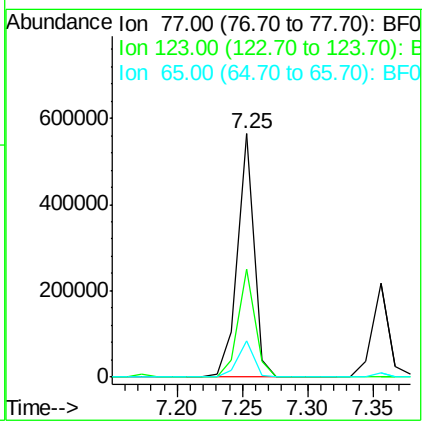
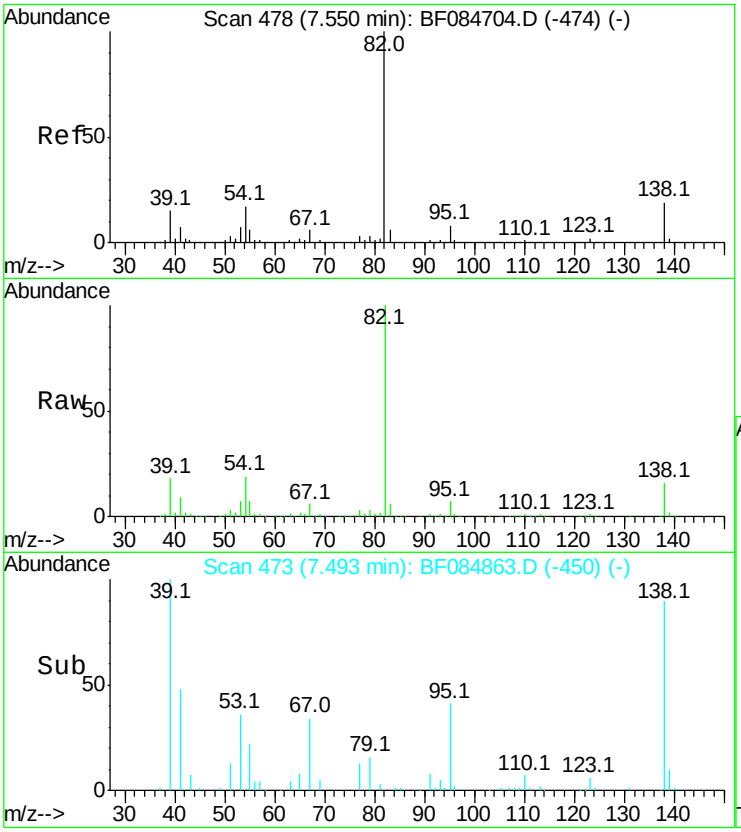



#24
Nitrobenzene
Concen: 36.74 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion: 77 Resp: 492329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 44.3 | 37.4 | 56.2 |
| 65 | 14.8 | 10.9 | 16.3 |

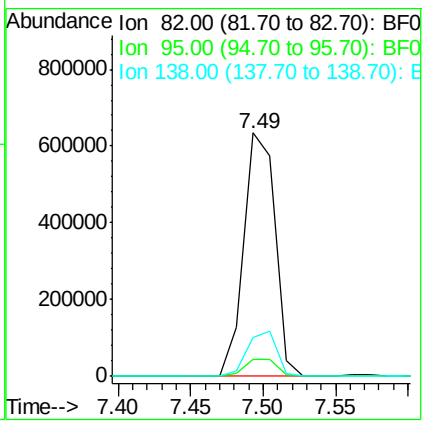





#25
Isophorone
Concen: 38.92 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion: 82 Resp: 947050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.2 | 6.6 | 10.0 |
| 138 | 15.9 | 13.6 | 20.4 |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

**Manual Integrations APPROVED**
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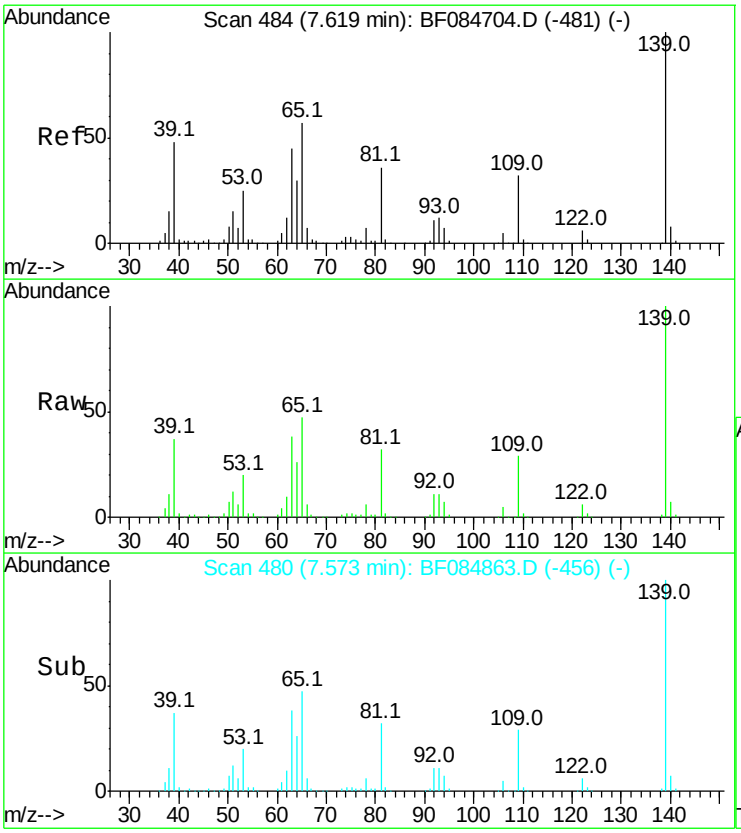
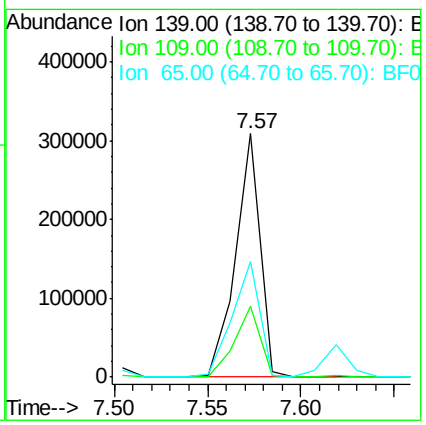
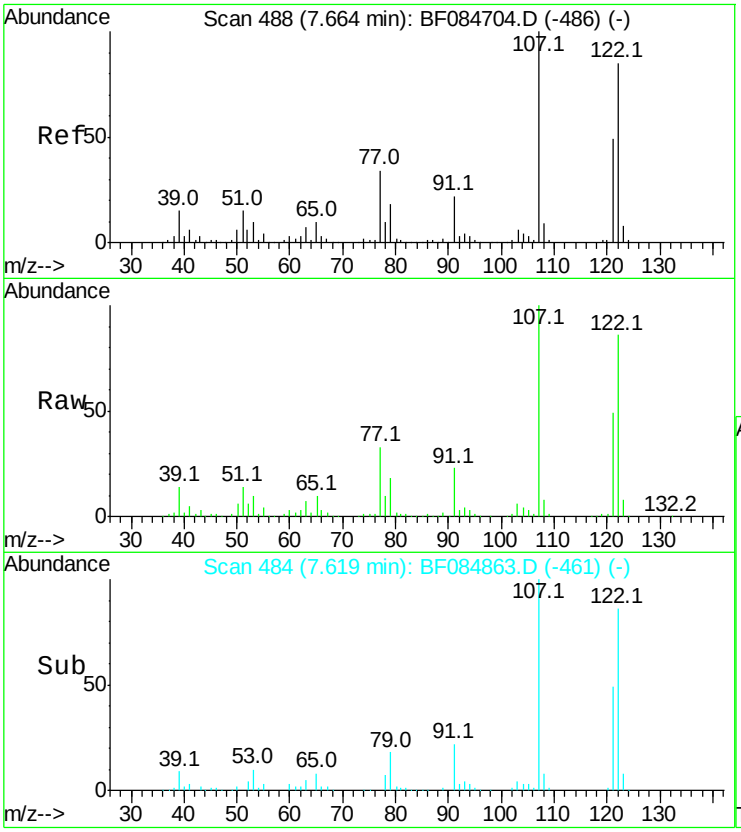



#26
2-Nitrophenol
Concen: 43.18 ng
RT: 7.57 min Scan# 480
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:139 Resp: 285389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 29.1 | 25.4 | 38.2 |
| 65 | 47.5 | 32.3 | 48.5 |

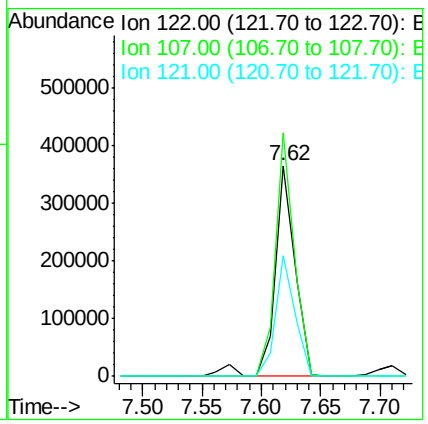





#27
2,4-Dimethylphenol
Concen: 37.61 ng
RT: 7.62 min Scan# 484
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:122 Resp: 432400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 115.7 | 99.1 | 148.7 |
| 121 | 57.2 | 47.9 | 71.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

**Manual Integrations APPROVED**
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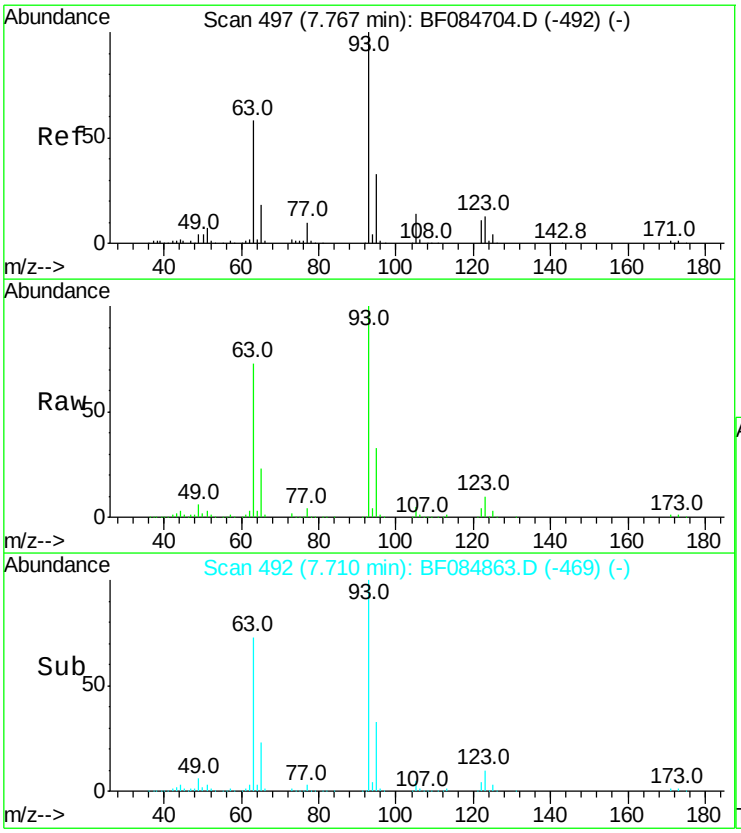
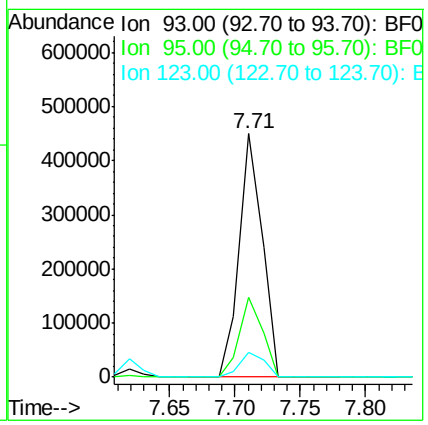
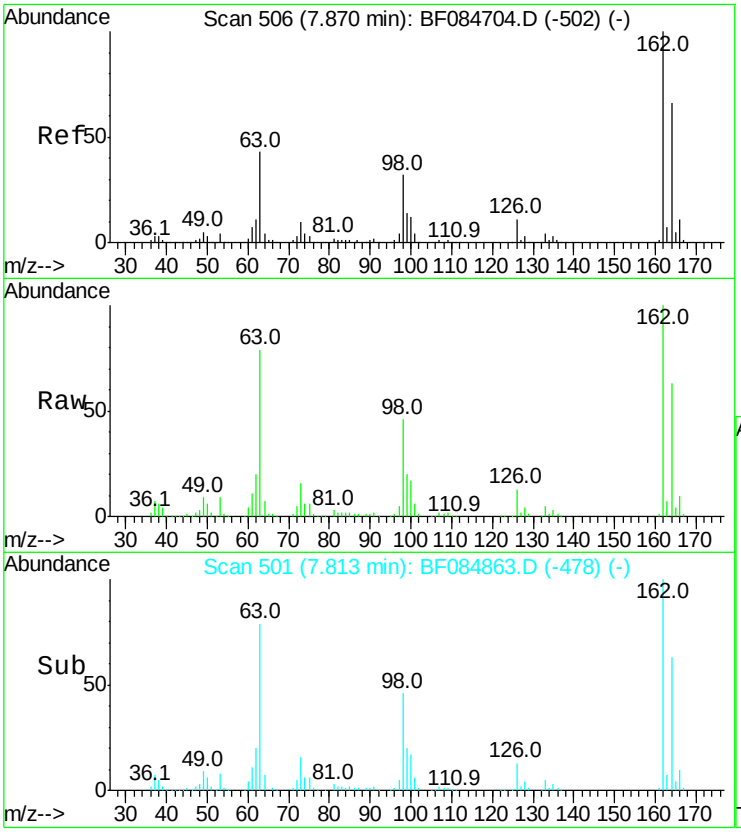



#28
bis(2-Chloroethoxy)methane
Concen: 38.22 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion: 93 Resp: 551776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.6 | 25.8 | 38.6 |
| 123 | 10.4 | 8.6 | 12.8 |

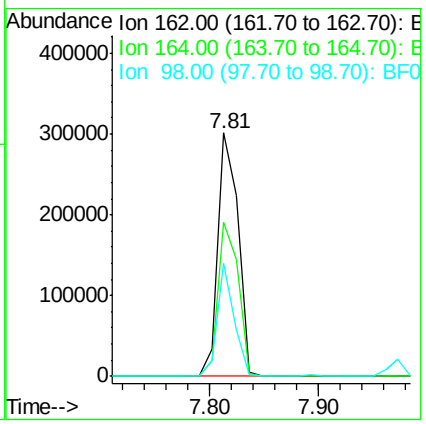





#29
2,4-Dichlorophenol
Concen: 39.58 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:162 Resp: 389328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.4 | 44.1 | 84.1 |
| 98 | 46.3 | 20.2 | 60.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

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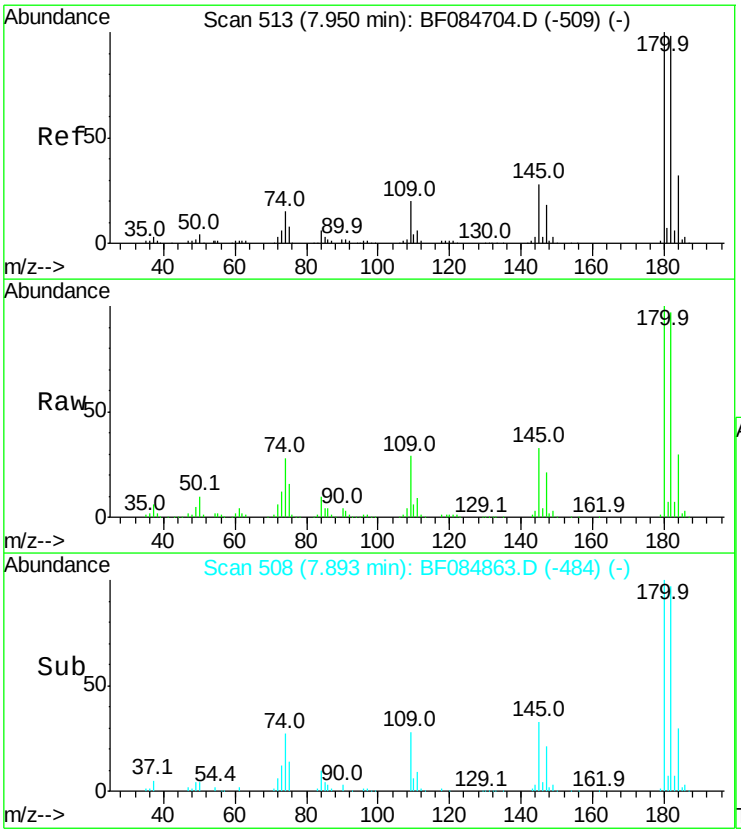
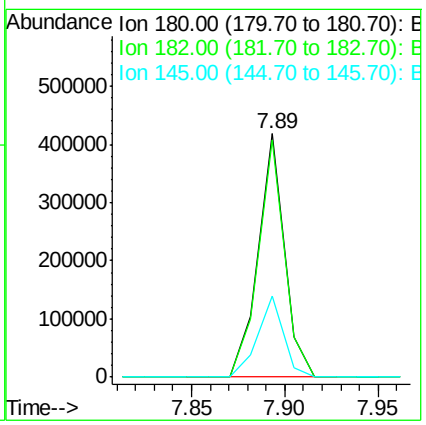
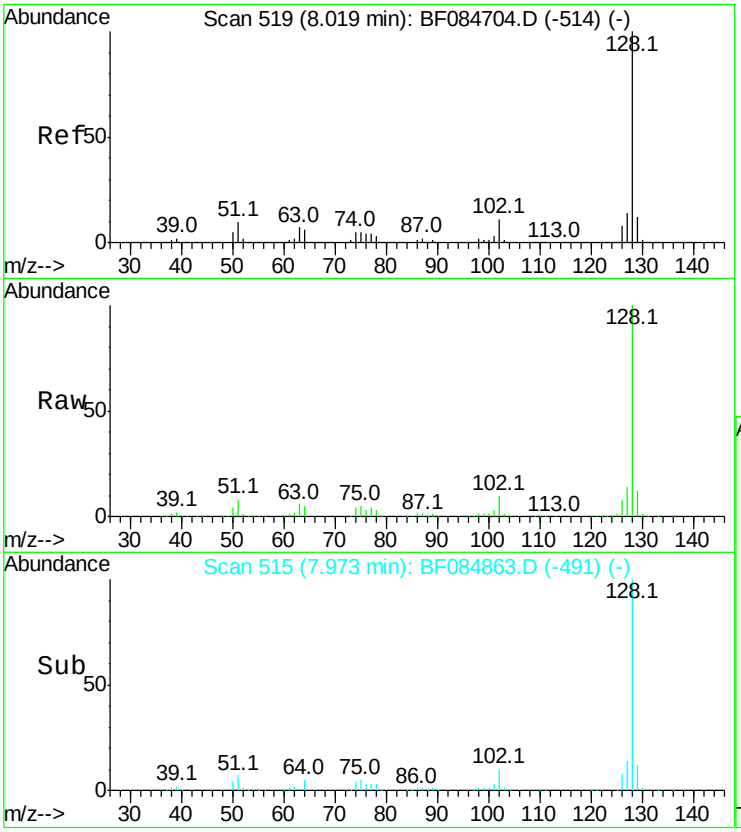



#30
1,2,4-Trichlorobenzene
Concen: 36.68 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:180 Resp: 407598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.2 | 76.4 | 114.6 |
| 145 | 33.4 | 31.6 | 47.4 |

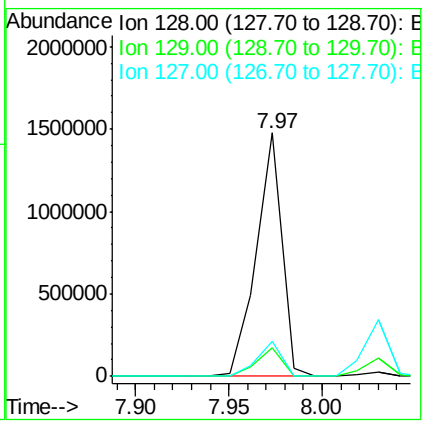





#31
Naphthalene
Concen: 39.58 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:128 Resp: 1399654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.7 | 9.1 | 13.7 |
| 127 | 14.1 | 11.1 | 16.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

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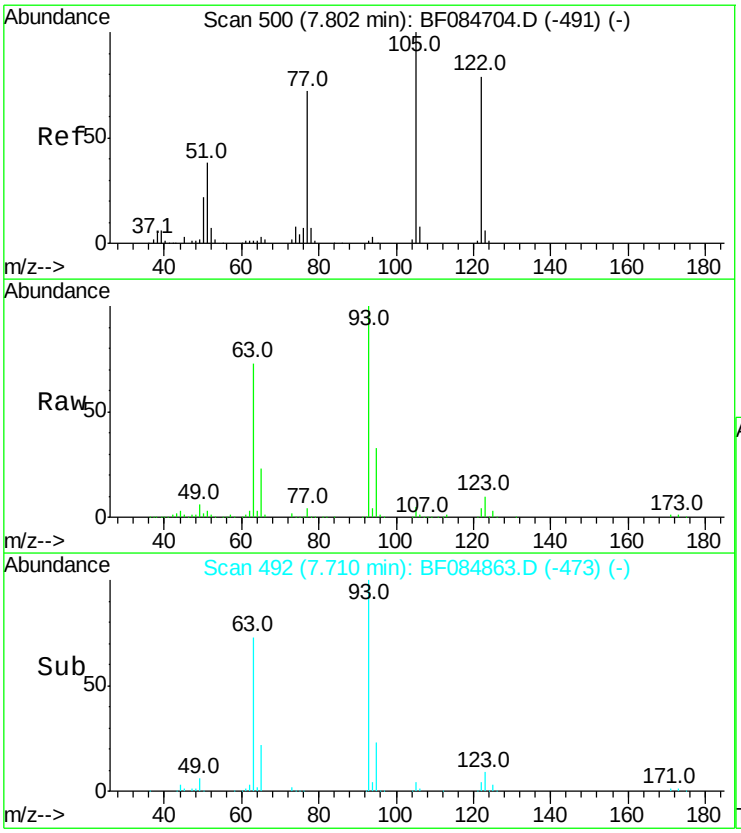
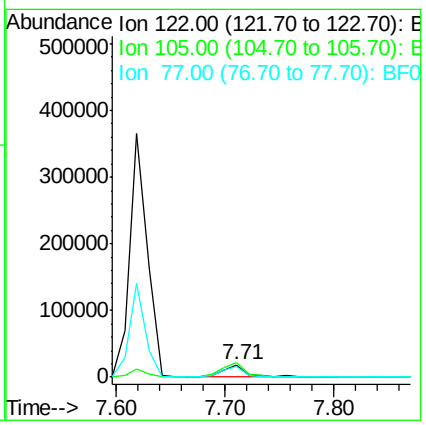
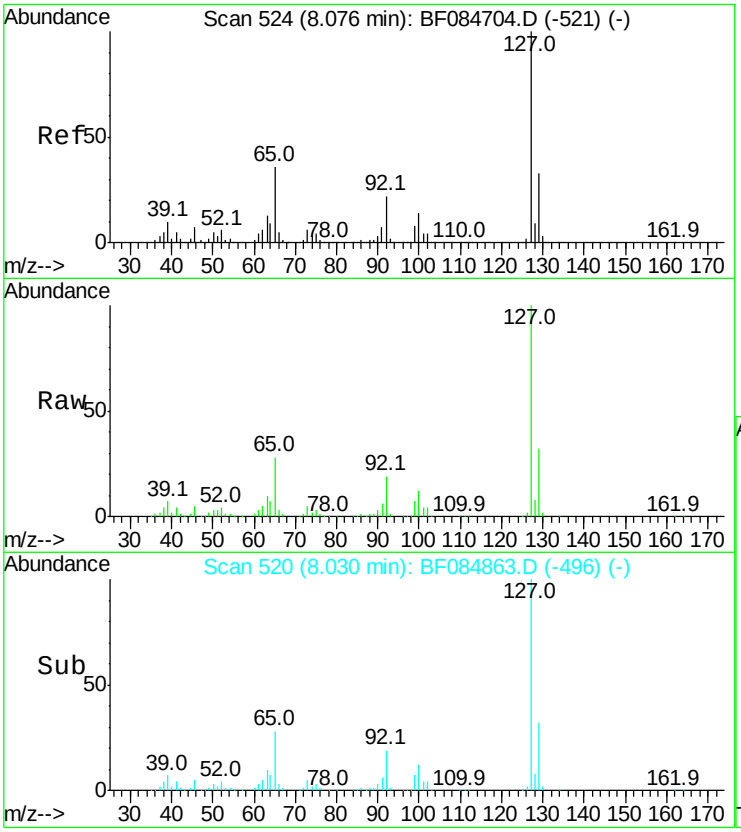



#32
Benzoic acid
Concen: 3.97 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.08 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:122 Resp: 29209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 115.8 | 100.3 | 140.3 |
| 77 | 87.9 | 63.5 | 103.5 |

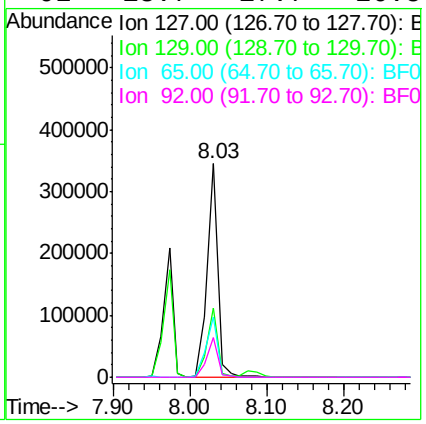





#33
4-Chloroaniline
Concen: 22.59 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:127 Resp: 330437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.3 | 26.5 | 39.7 |
| 65 | 28.1 | 27.2 | 40.8 |
| 92 | 18.7 | 17.7 | 26.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

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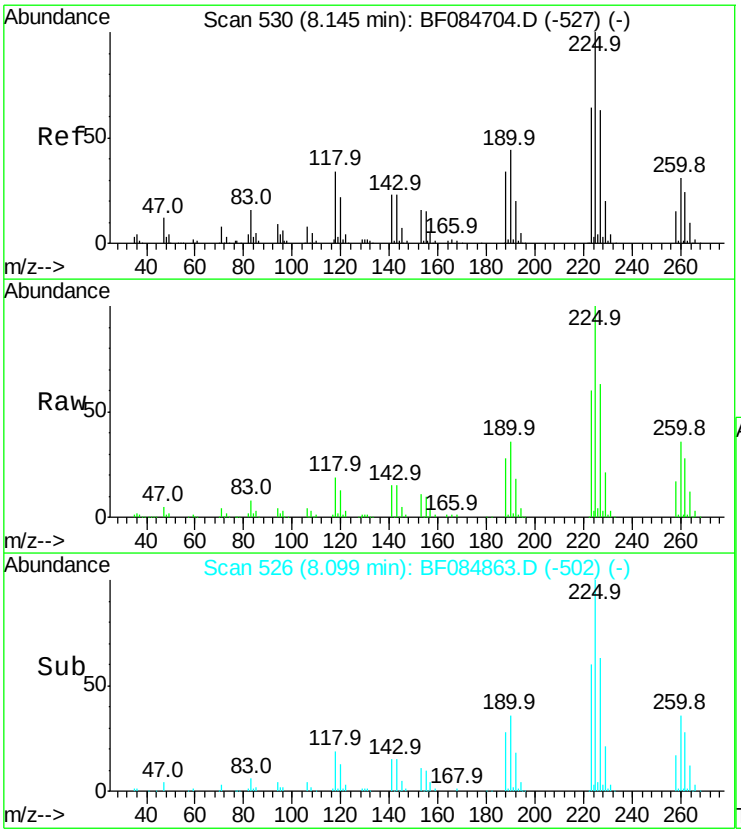
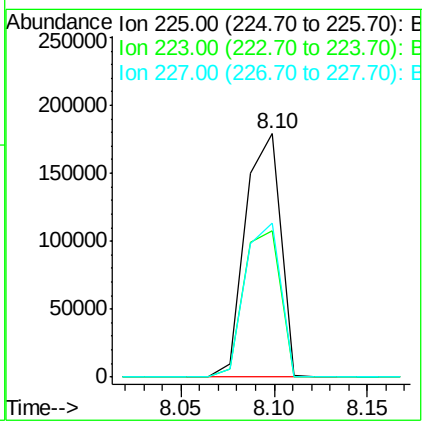
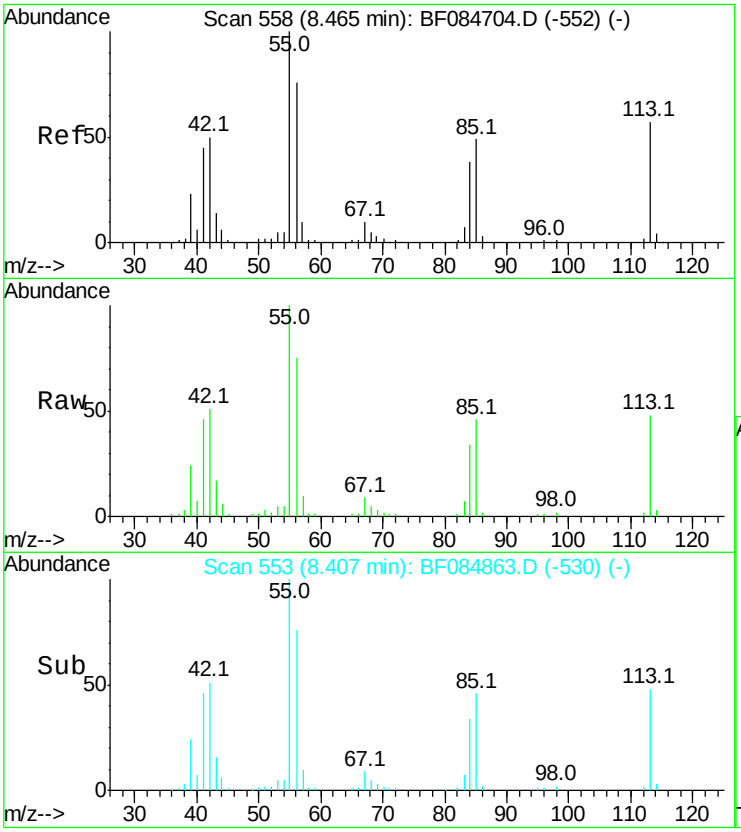



#34
Hexachlorobutadiene
Concen: 36.38 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:225 Resp: 233101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 59.8 | 49.4 | 74.0 |
| 227 | 63.5 | 50.8 | 76.2 |

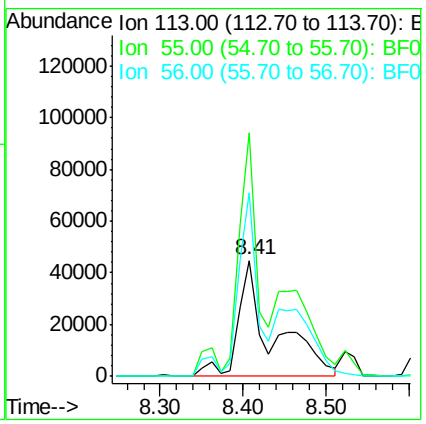





#35
Caprolactam
Concen: 42.41 ng m
RT: 8.41 min Scan# 553
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:113 Resp: 128598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 210.2 | 116.9 | 156.9# |
| 56 | 158.3 | 93.8 | 133.8# |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

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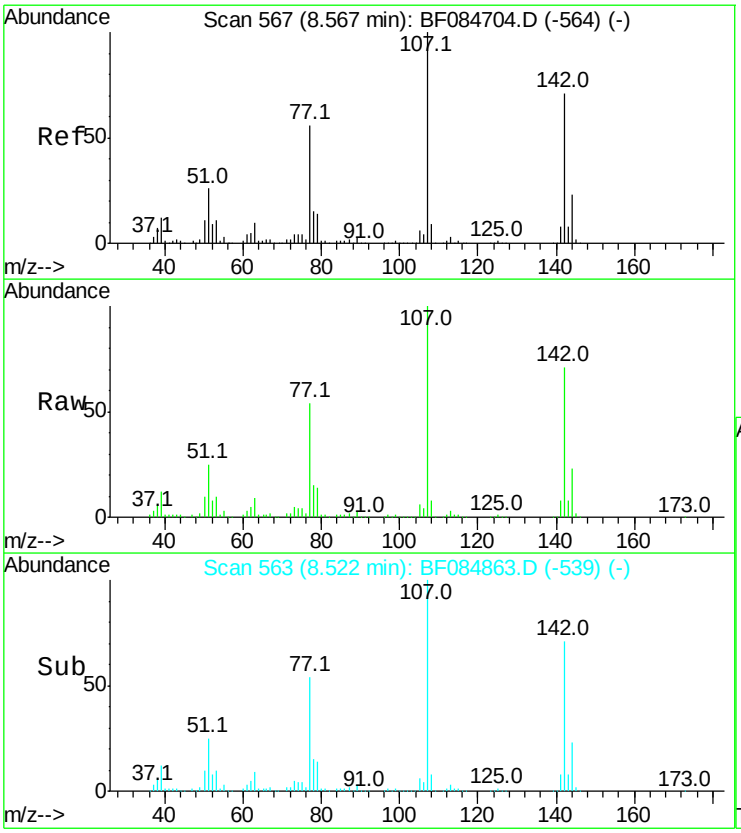
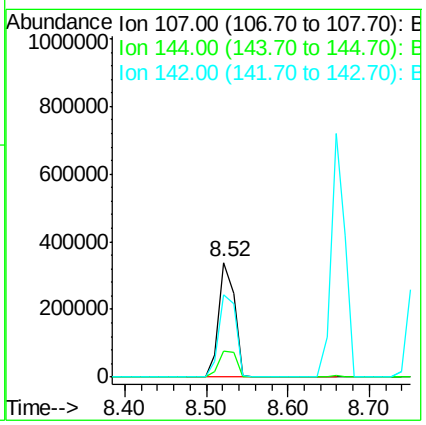
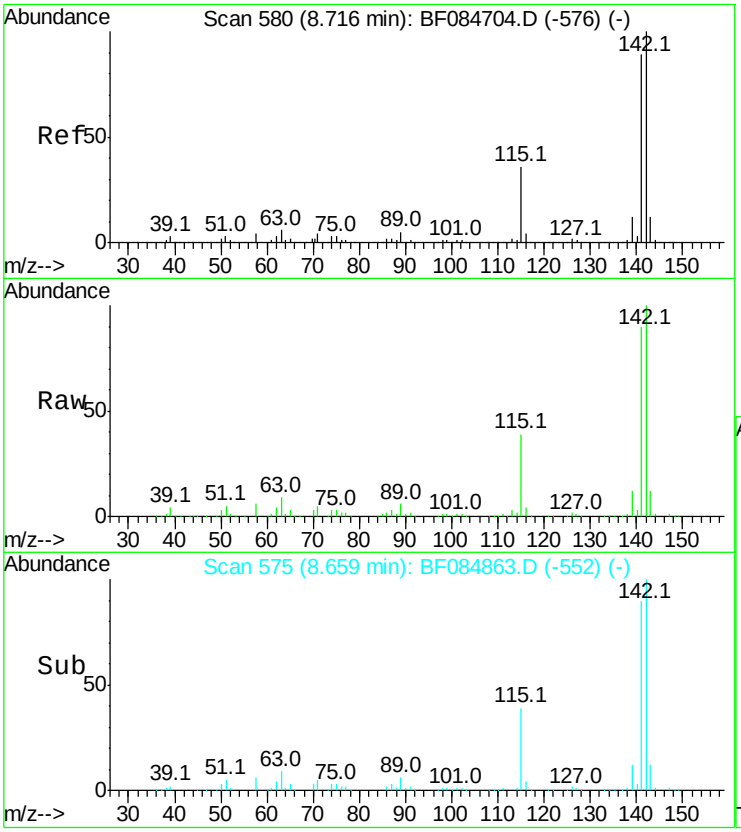



#36
4-Chloro-3-methylphenol
Concen: 40.63 ng
RT: 8.52 min Scan# 563
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:107 Resp: 456024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 23.0 | 19.7 | 29.5 |
| 142 | 71.5 | 61.8 | 92.6 |

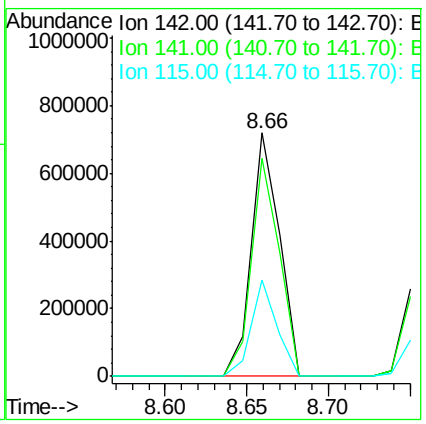





#37
2-Methylnaphthalene
Concen: 38.96 ng
RT: 8.66 min Scan# 575
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:142 Resp: 862300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.6 | 72.4 | 108.6 |
| 115 | 39.4 | 27.9 | 41.9 |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

**Manual Integrations APPROVED**
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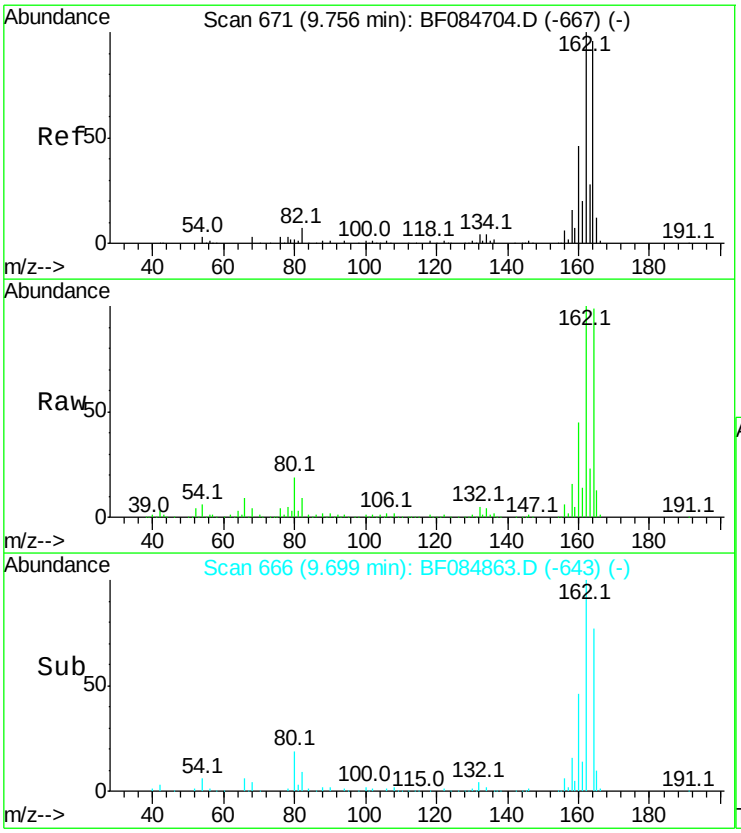
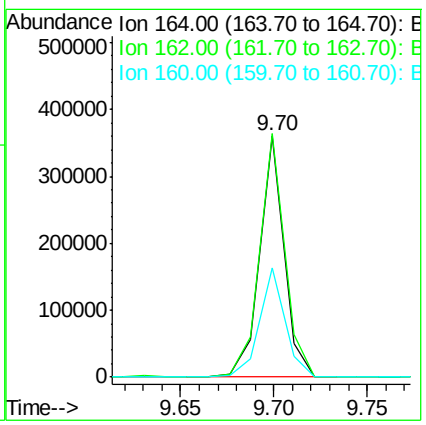
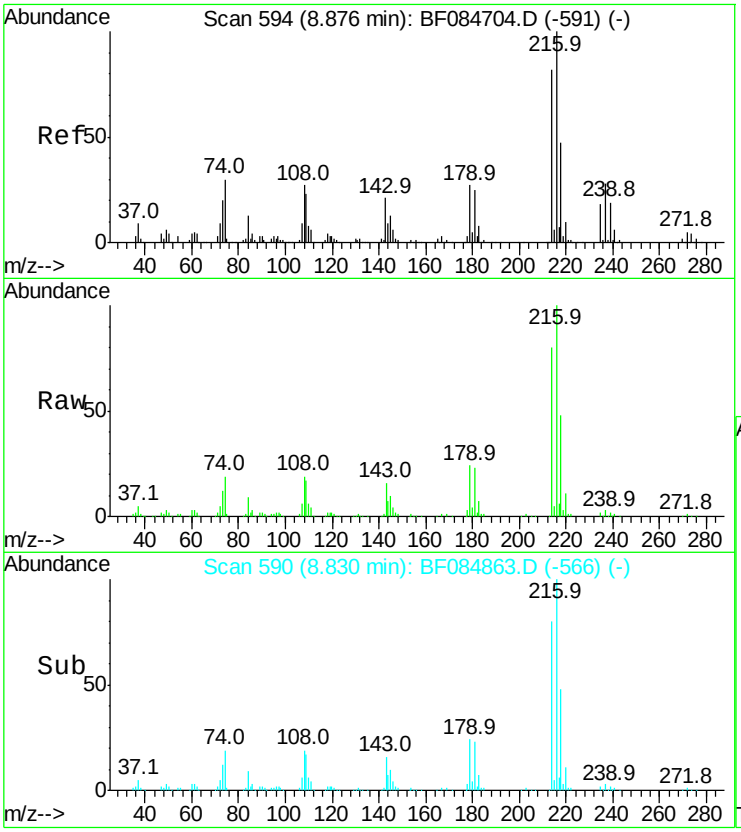



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:164 Resp: 323791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.0 | 85.1 | 127.7 |
| 160 | 45.6 | 37.5 | 56.3 |

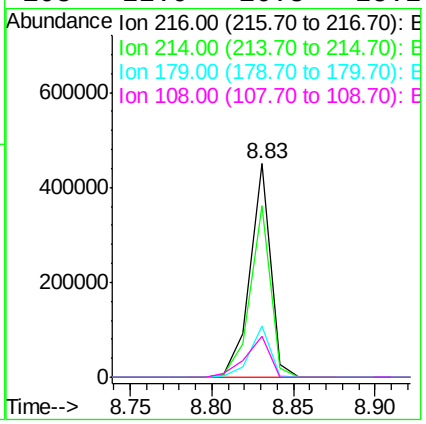





#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.24 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:216 Resp: 393261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.4 | 64.2 | 96.2 |
| 179 | 23.7 | 18.7 | 28.1 |
| 108 | 22.9 | 16.8 | 25.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

**Manual Integrations APPROVED**
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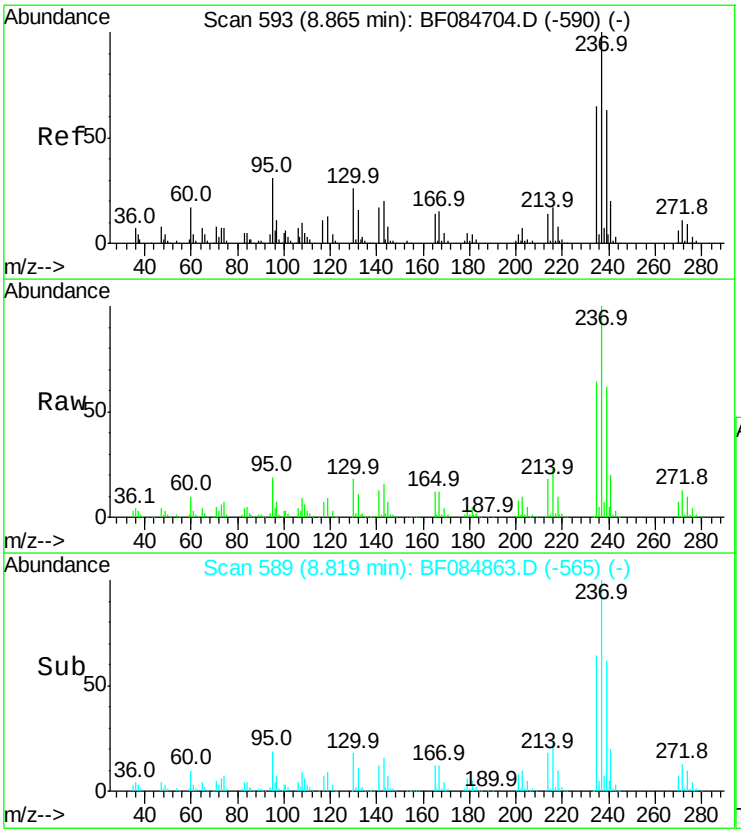
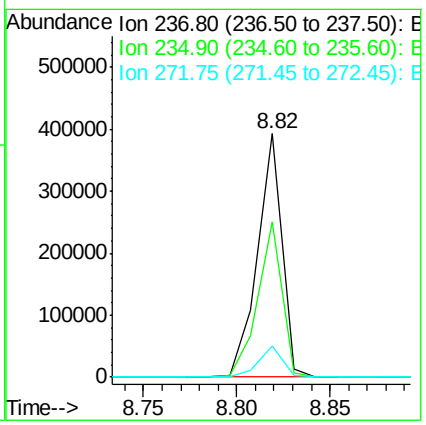
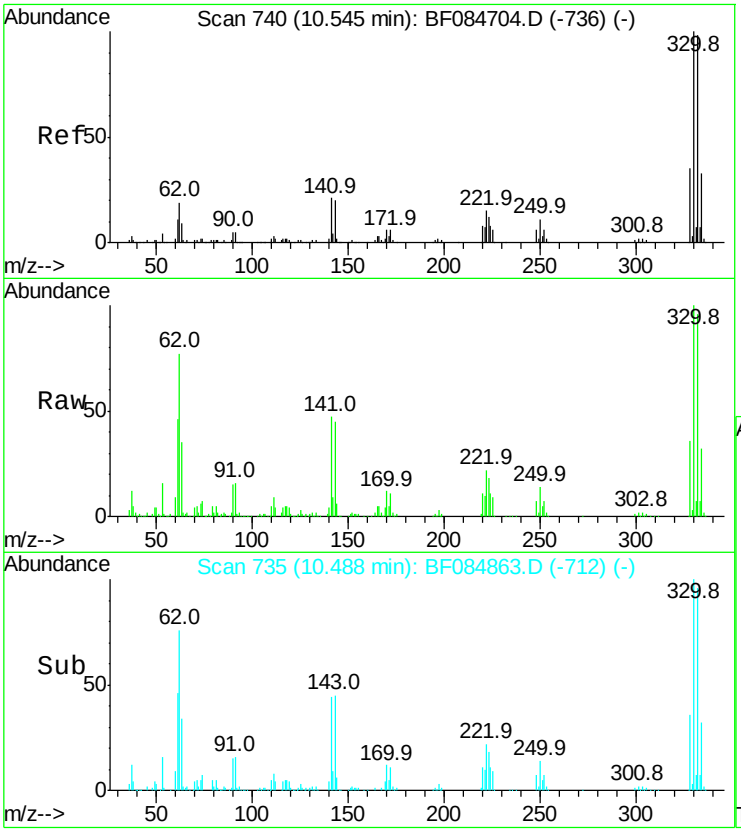



#40
Hexachlorocyclopentadiene
Concen: 78.66 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:237 Resp: 354661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.7 | 43.1 | 83.1 |
| 272 | 12.6 | 0.0 | 35.1 |

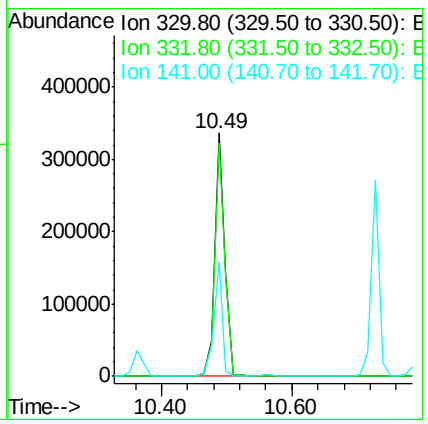





#41
2,4,6-Tribromophenol
Concen: 110.14 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:330 Resp: 371980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.9 | 76.6 | 114.8 |
| 141 | 39.2 | 27.8 | 41.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

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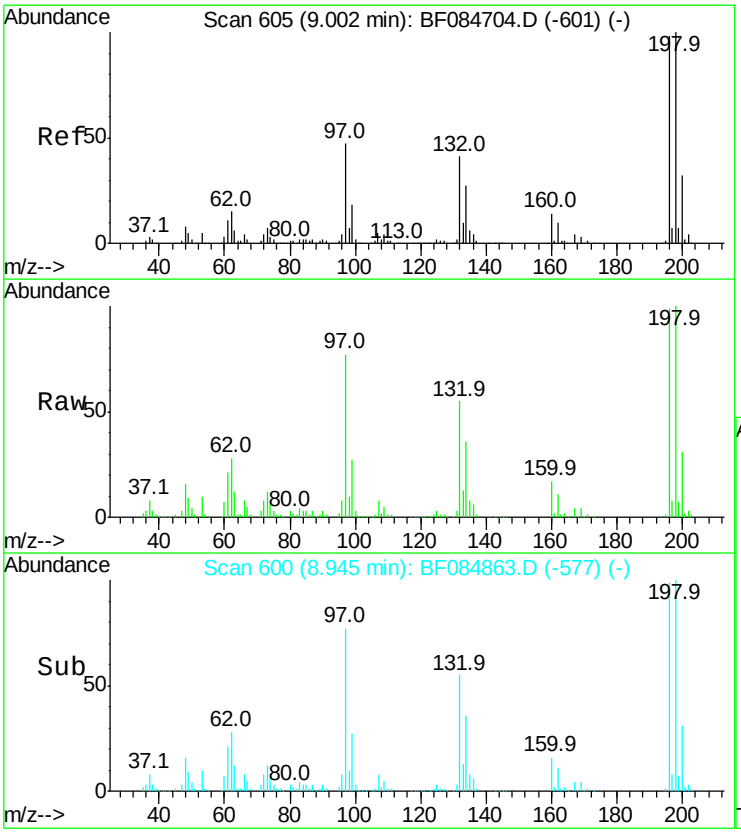
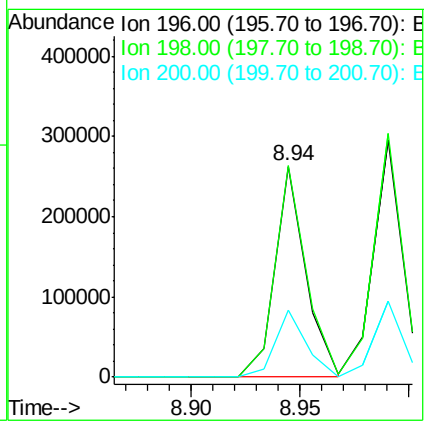
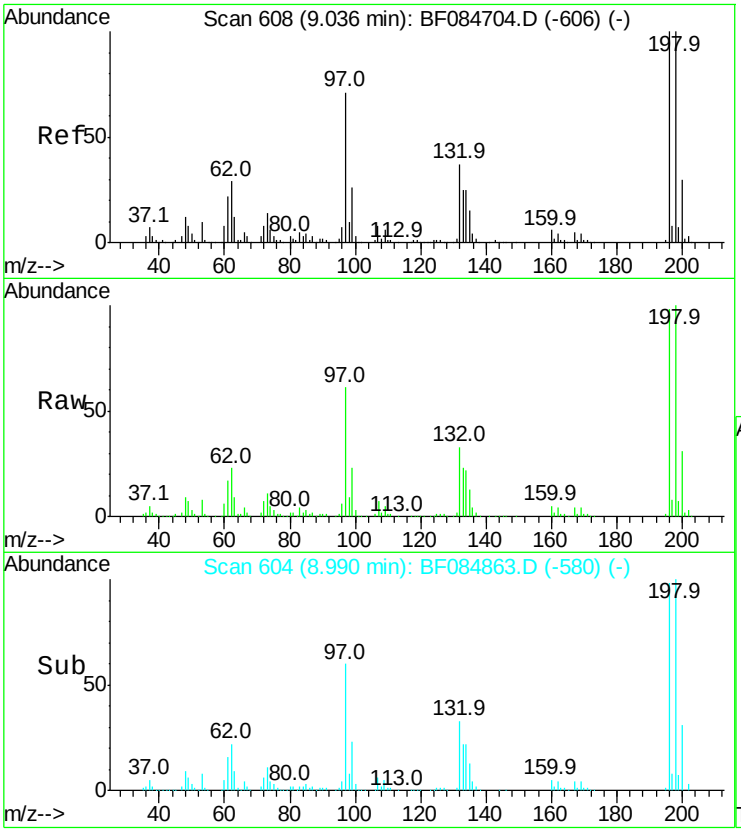



#42
2,4,6-Trichlorophenol
Concen: 39.53 ng
RT: 8.94 min Scan# 600
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:196 Resp: 261884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 100.8 | 77.7 | 116.5 |
| 200 | 31.7 | 24.6 | 37.0 |

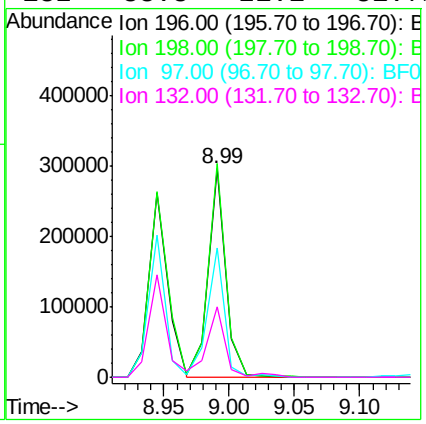





#43
2,4,5-Trichlorophenol
Concen: 41.24 ng
RT: 8.99 min Scan# 604
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:196 Resp: 277593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 102.5 | 79.0 | 118.6 |
| 97 | 62.4 | 33.0 | 49.6# |
| 132 | 33.8 | 21.1 | 31.7# |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

**Manual Integrations APPROVED**
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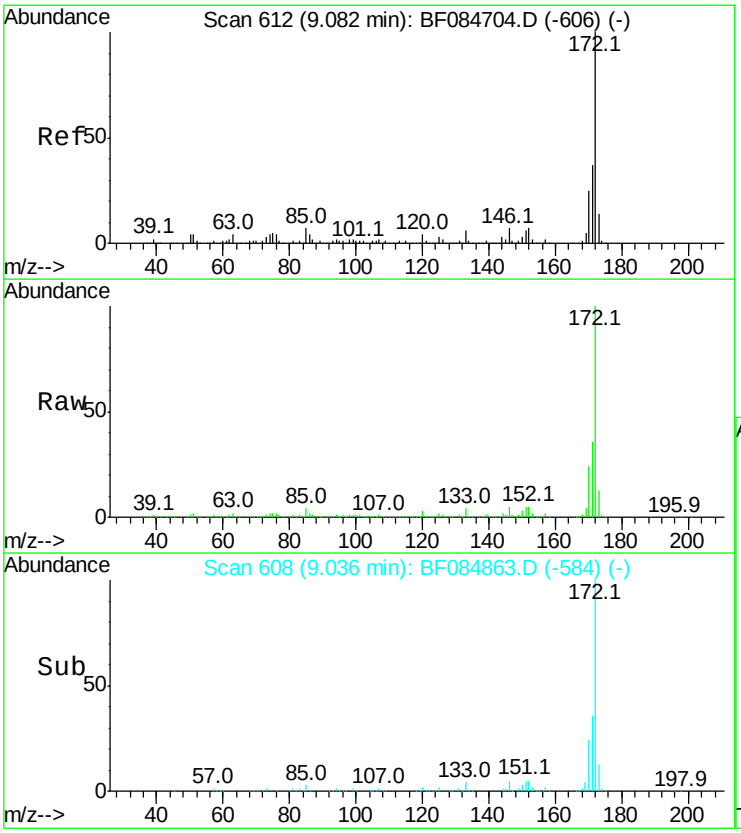
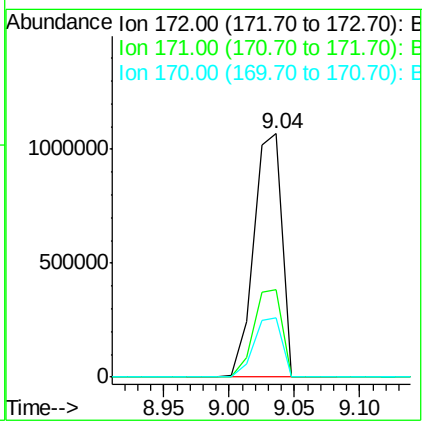
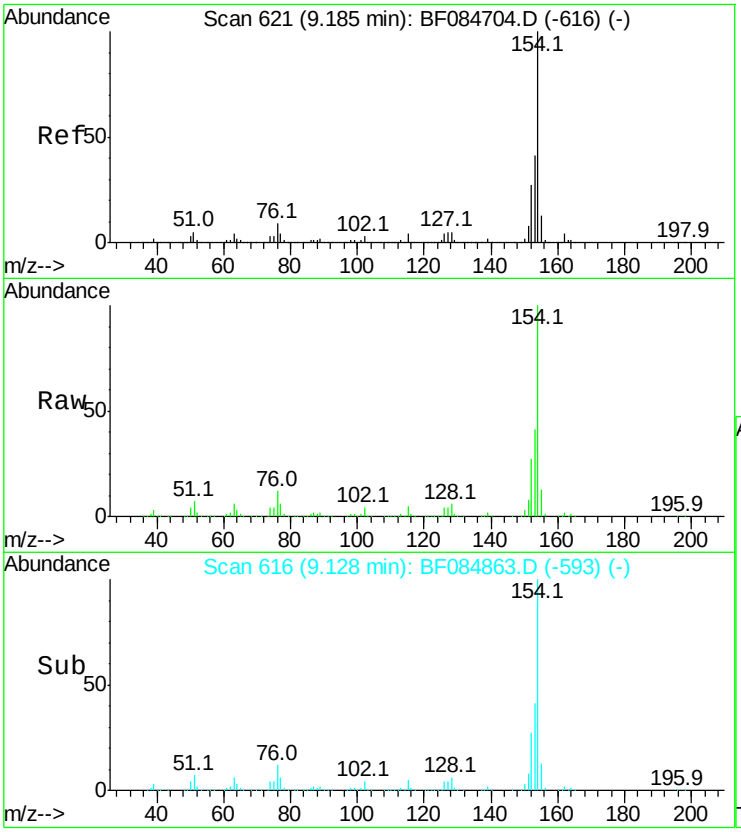



#44
2-Fluorobiphenyl
Concen: 82.54 ng
RT: 9.04 min Scan# 608
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:172 Resp: 1602704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.7 | 28.9 | 43.3 |
| 170 | 24.5 | 18.6 | 27.8 |

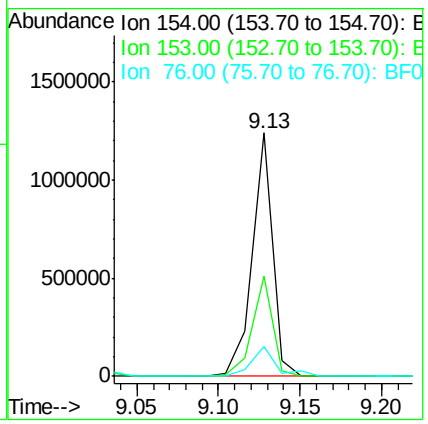





#45
1,1'-Biphenyl
Concen: 37.25 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:154 Resp: 1077411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.0 | 21.6 | 61.6 |
| 76 | 12.1 | 0.0 | 32.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

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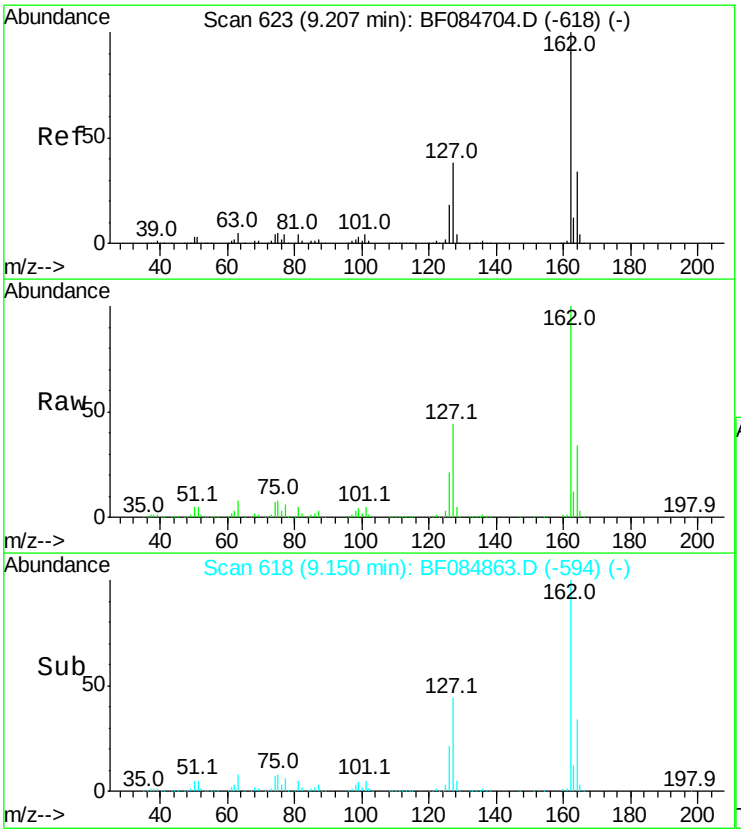
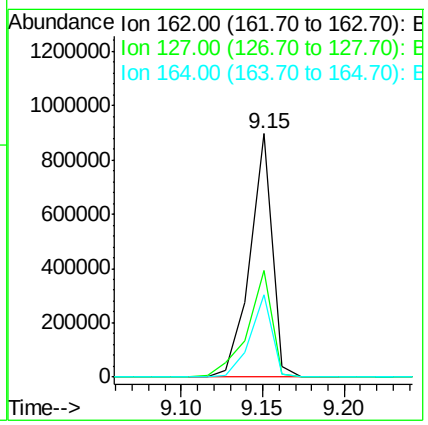
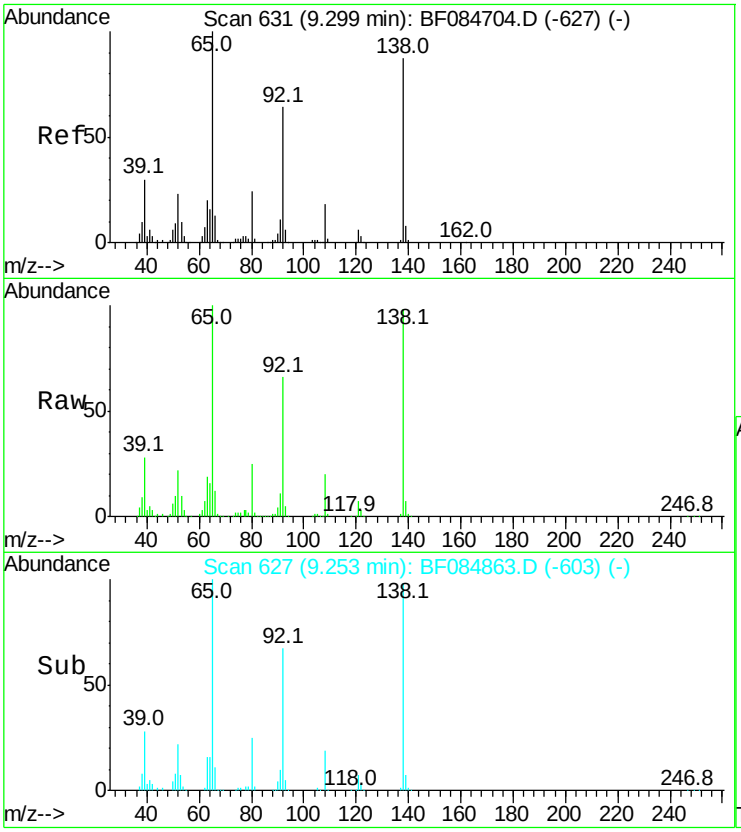



#46
2-Chloronaphthalene
Concen: 39.73 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:162 Resp: 846168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 43.6 | 40.2 | 60.4 |
| 164 | 34.0 | 25.7 | 38.5 |

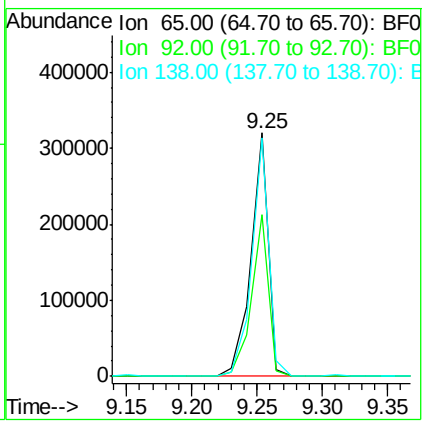





#47
2-Nitroaniline
Concen: 43.88 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion: 65 Resp: 295909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 66.5 | 53.4 | 80.2 |
| 138 | 98.0 | 71.1 | 106.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

**Manual Integrations APPROVED**
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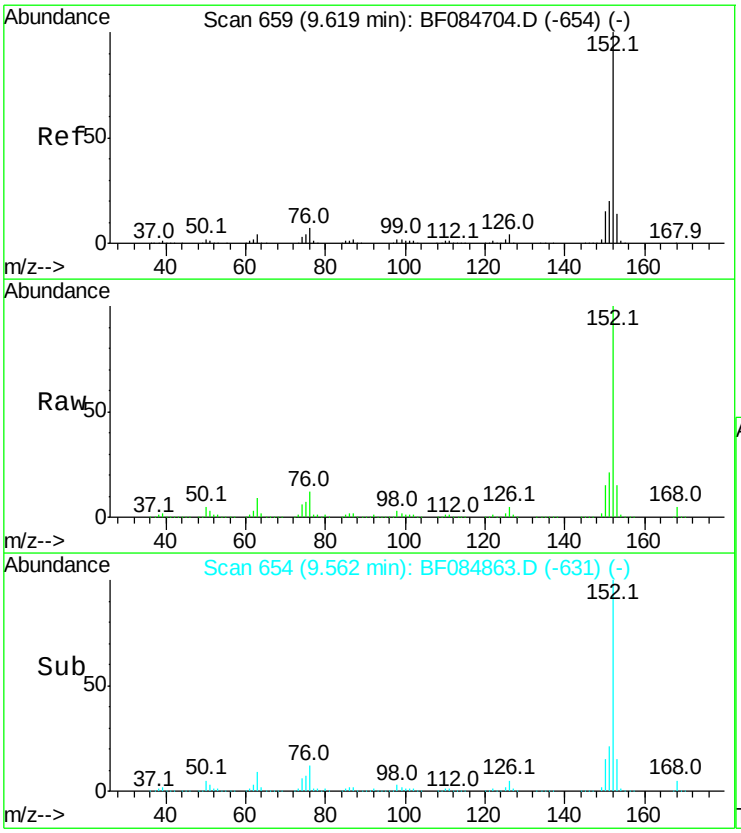
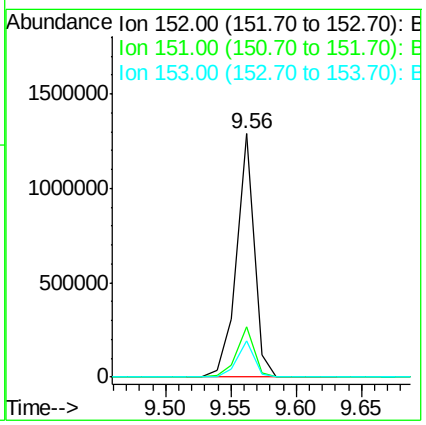
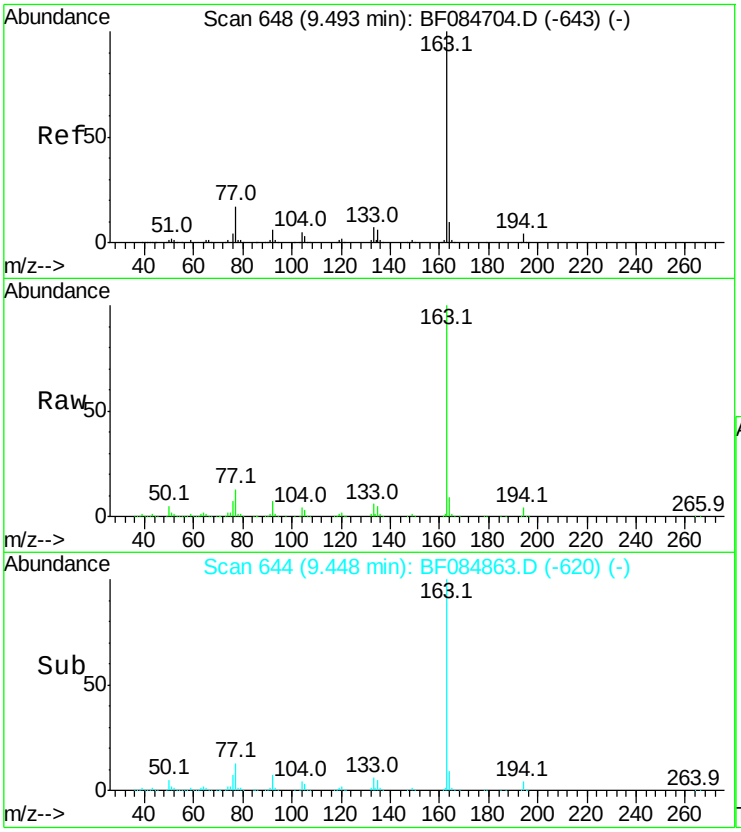



#48
Acenaphthylene
Concen: 37.03 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:152 Resp: 1196921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.9 | 16.3 | 24.5 |
| 153 | 14.7 | 10.4 | 15.6 |






#49
Dimethylphthalate
Concen: 51.92 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:163 Resp: 1280373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.7 | 8.0 | 12.0# |
| 164 | 9.5 | 8.0 | 12.0 |

**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

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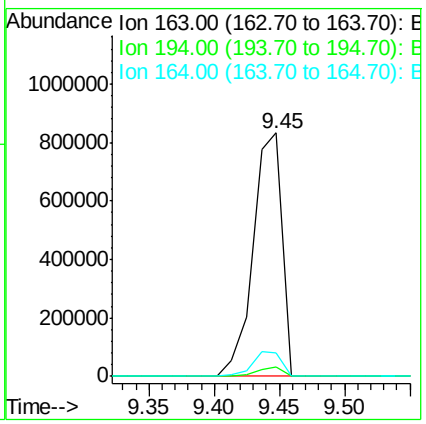
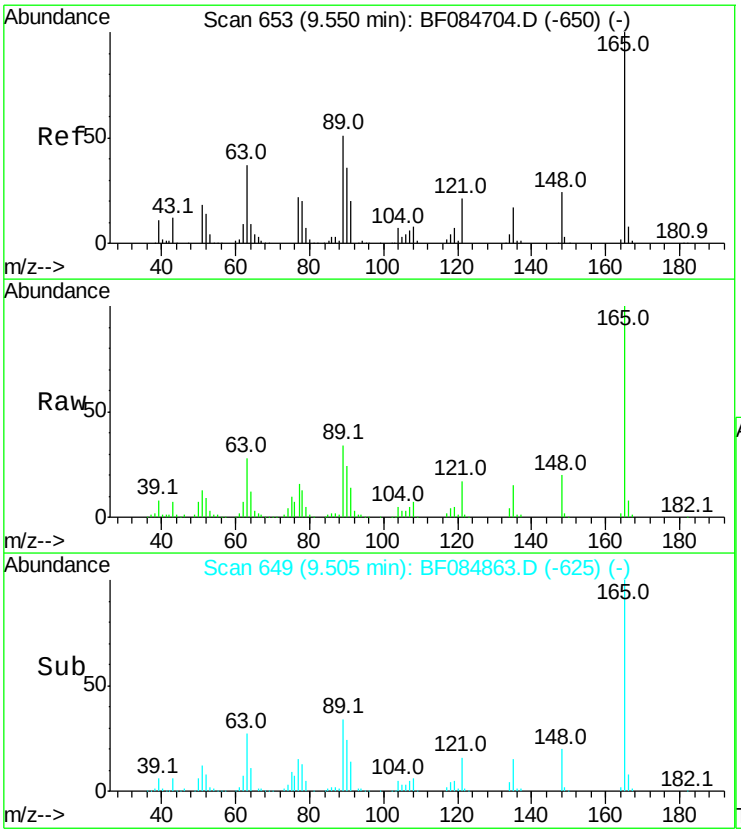
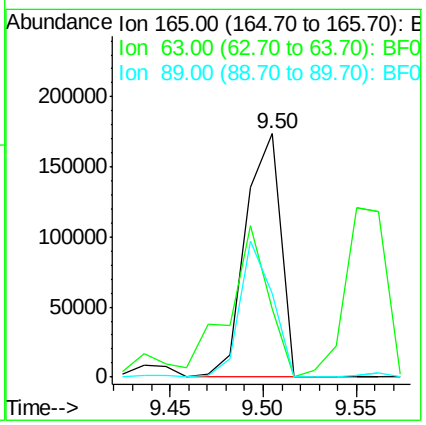


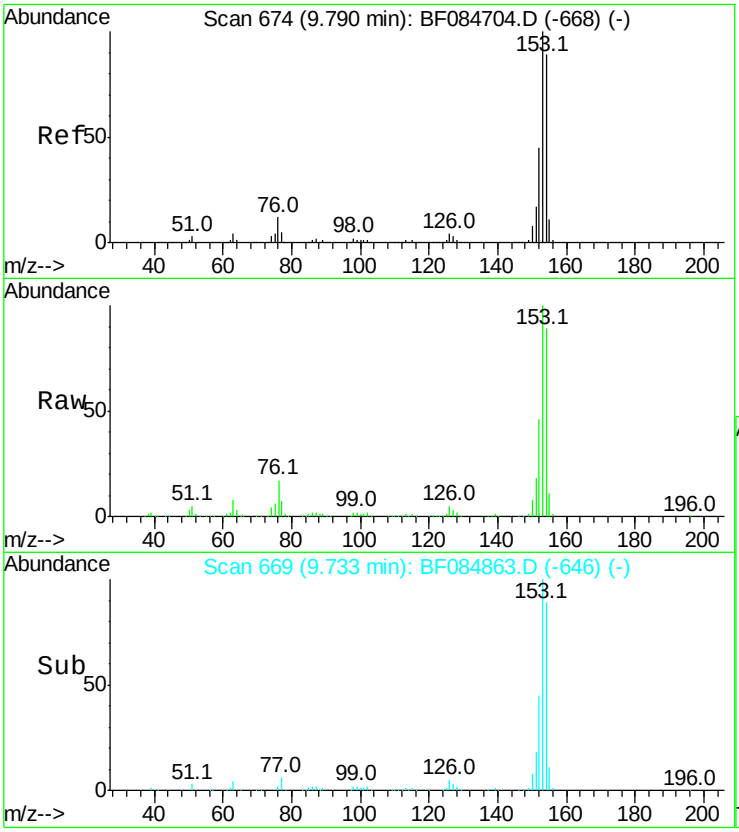




#50
2,6-Dinitrotoluene
Concen: 41.67 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:165 Resp: 224475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 27.9 | 28.8 | 43.2# |
| 89 | 34.3 | 35.1 | 52.7# |

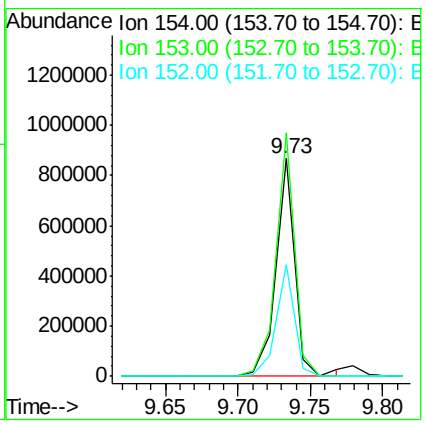





#51
Acenaphthene
Concen: 37.47 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:154 Resp: 787864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.9 | 91.5 | 137.3 |
| 152 | 51.4 | 43.0 | 64.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

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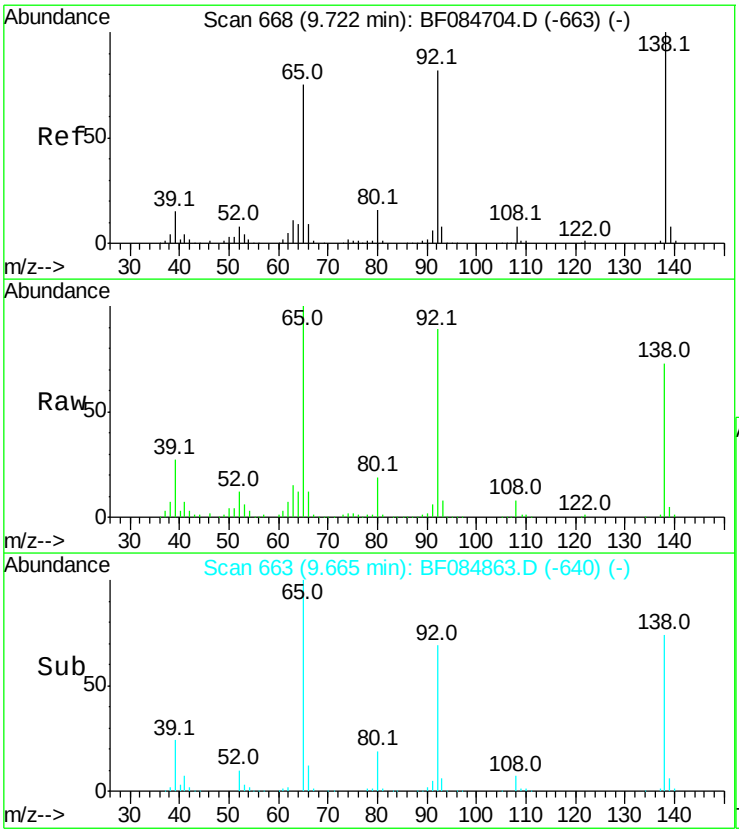
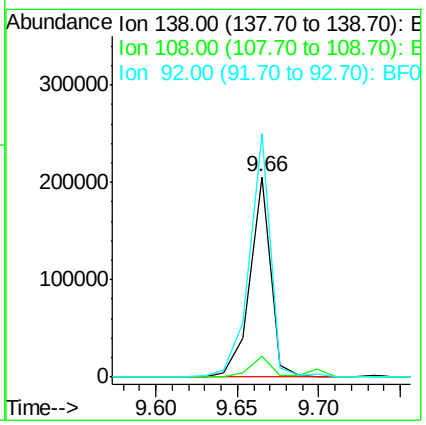
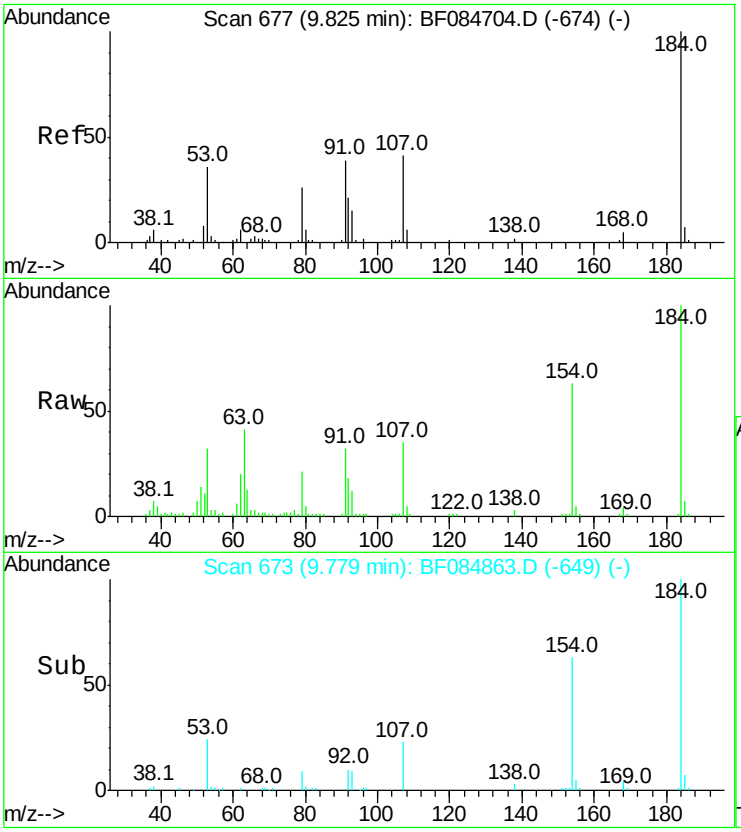



#52
3-Nitroaniline
Concen: 30.02 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:138 Resp: 181722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.5 | 10.5 | 15.7 |
| 92 | 121.7 | 103.9 | 155.9 |

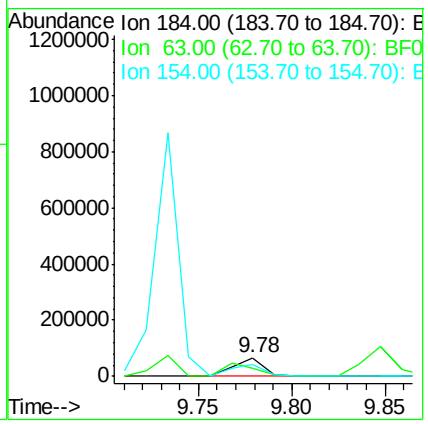





#53
2,4-Dinitrophenol
Concen: 35.09 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:184 Resp: 78514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 41.3 | 43.1 | 64.7# |
| 154 | 62.7 | 60.5 | 90.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

**Manual Integrations APPROVED**
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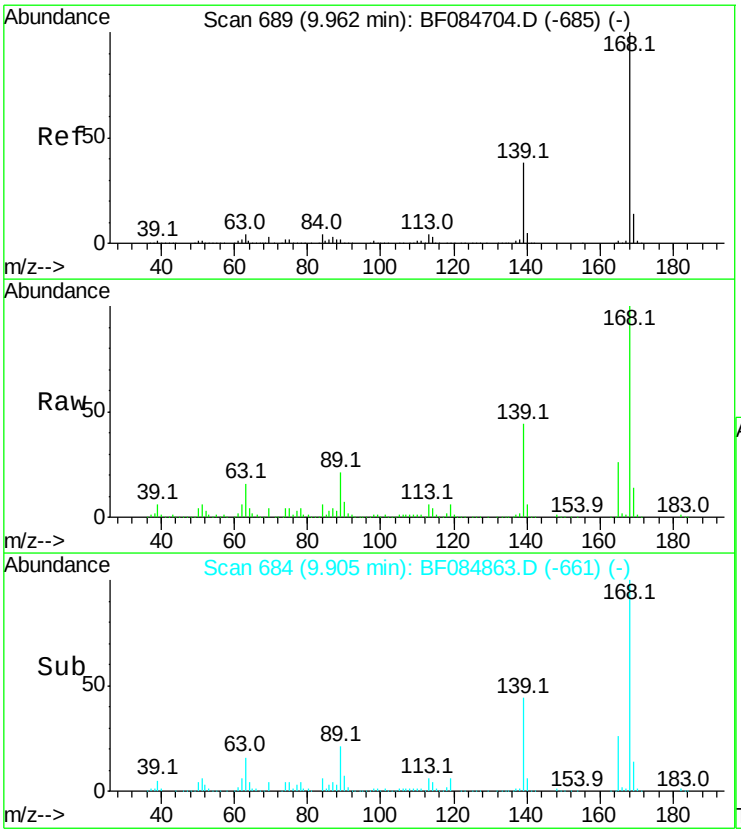
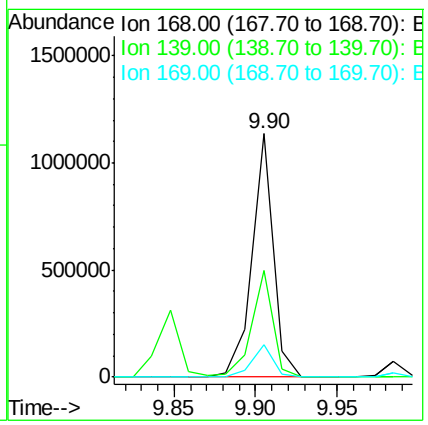
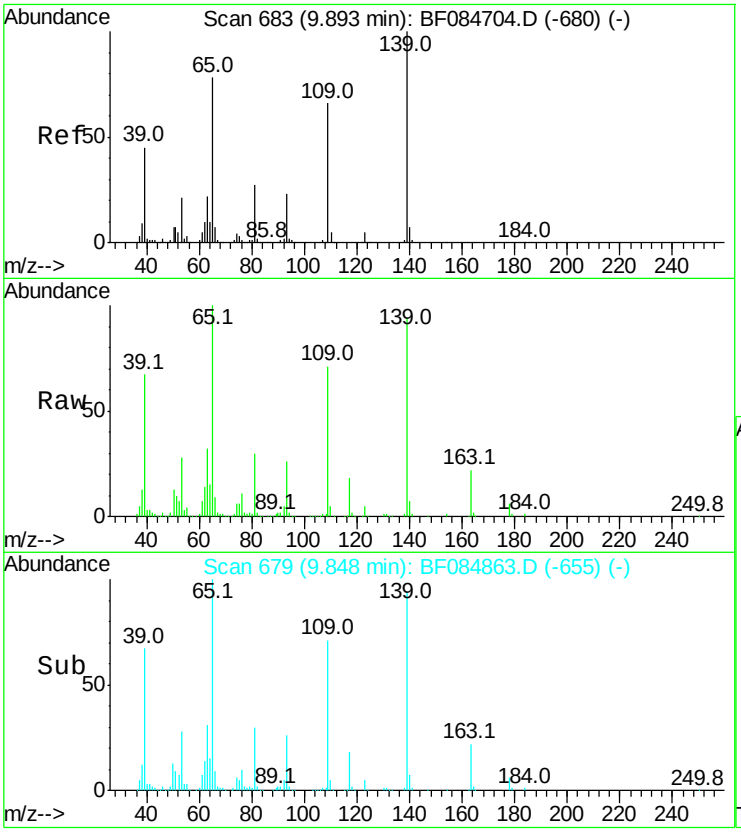



#54
Dibenzofuran
Concen: 40.12 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:168 Resp: 1031027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 43.9 | 30.5 | 45.7 |
| 169 | 13.5 | 10.4 | 15.6 |

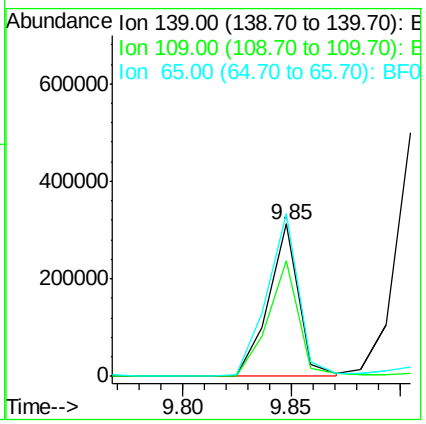





#55
4-Nitrophenol
Concen: 68.85 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:139 Resp: 306340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 75.5 | 58.5 | 98.5 |
| 65 | 106.5 | 57.6 | 97.6# |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

**Manual Integrations APPROVED**
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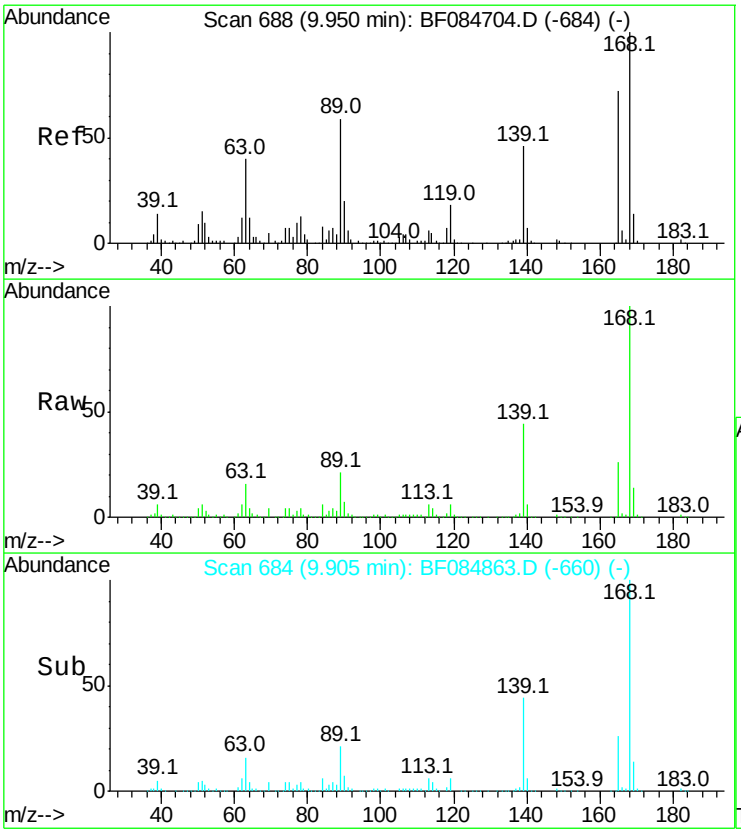
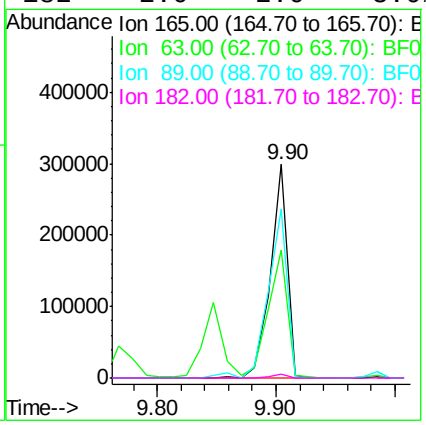
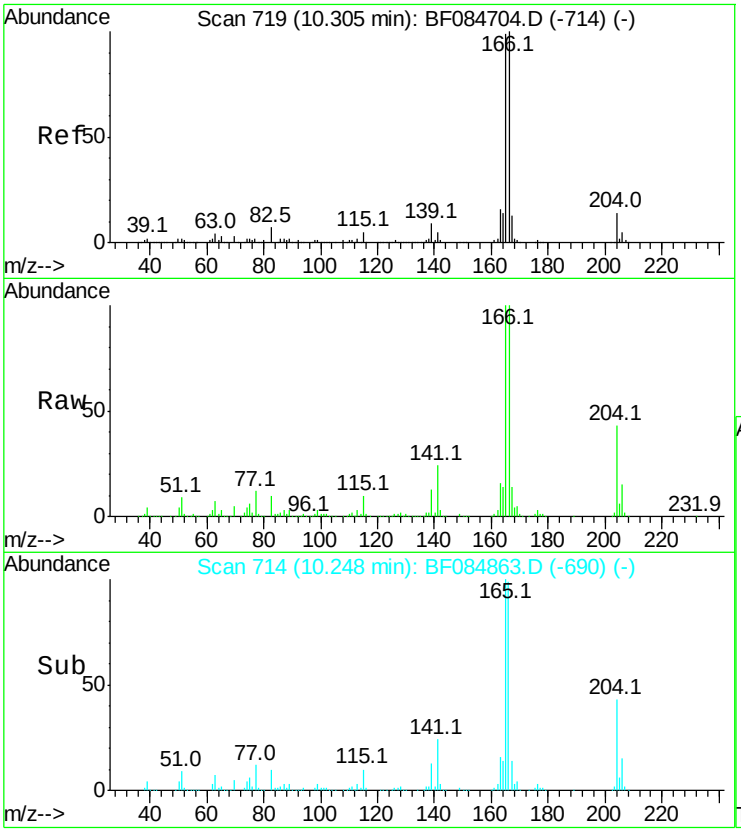



#56
2,4-Dinitrotoluene
Concen: 43.33 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:165 Resp: 297756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 60.0 | 36.7 | 55.1# |
| 89 | 79.0 | 61.9 | 92.9 |
| 182 | 2.0 | 2.0 | 3.0# |

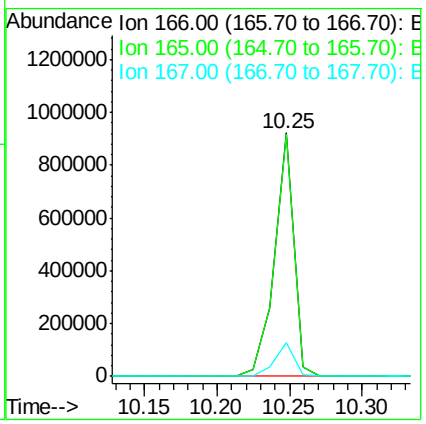





#57
Fluorene
Concen: 39.80 ng
RT: 10.25 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:166 Resp: 854042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.8 | 79.1 | 118.7 |
| 167 | 14.0 | 10.4 | 15.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

**Manual Integrations APPROVED**
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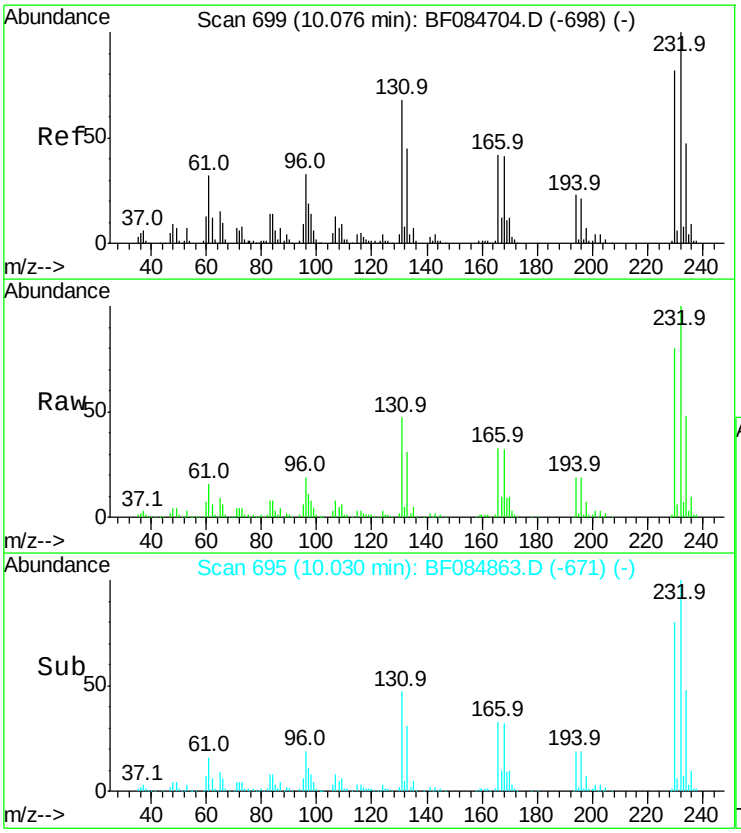
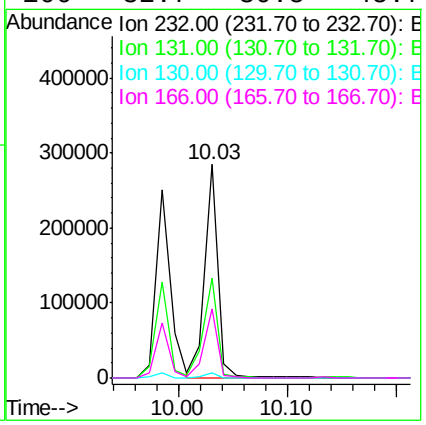
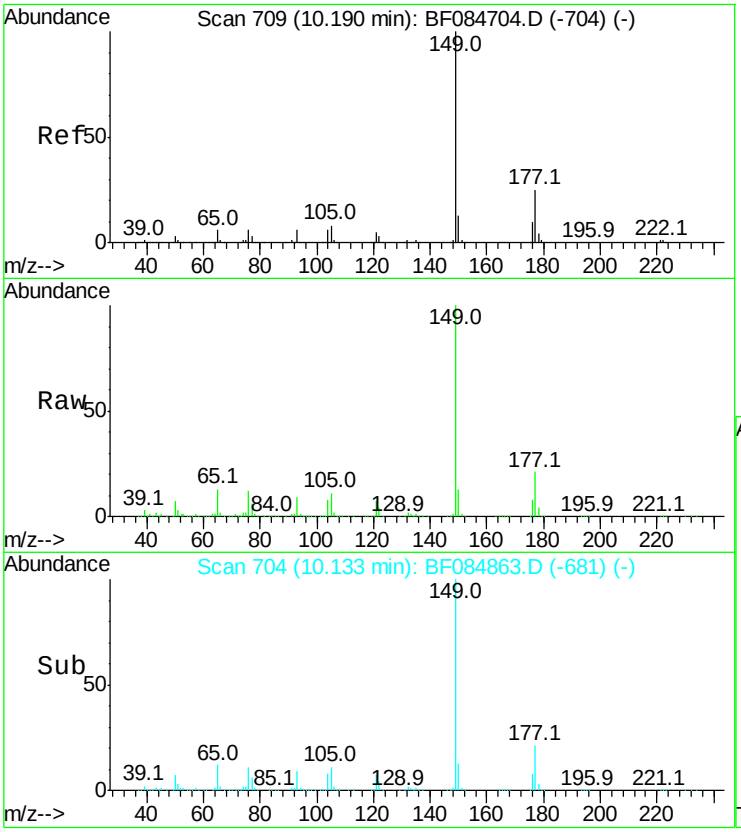



#58
2,3,4,6-Tetrachlorophenol
Concen: 47.72 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:232 Resp: 244530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 50.8 | 47.0 | 70.6 |
| 130 | 2.4 | 2.0 | 3.0 |
| 166 | 32.7 | 30.5 | 45.7 |

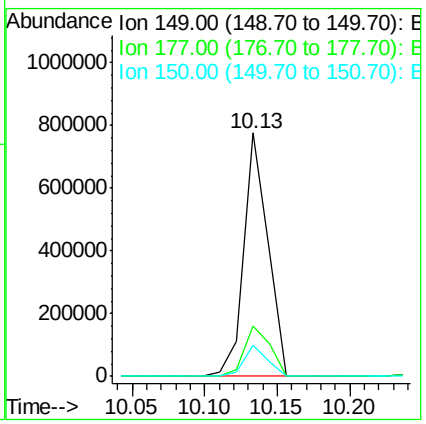





#59
Diethylphthalate
Concen: 37.01 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:149 Resp: 891165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 20.6 | 17.3 | 25.9 |
| 150 | 12.7 | 9.8 | 14.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

**Manual Integrations APPROVED**
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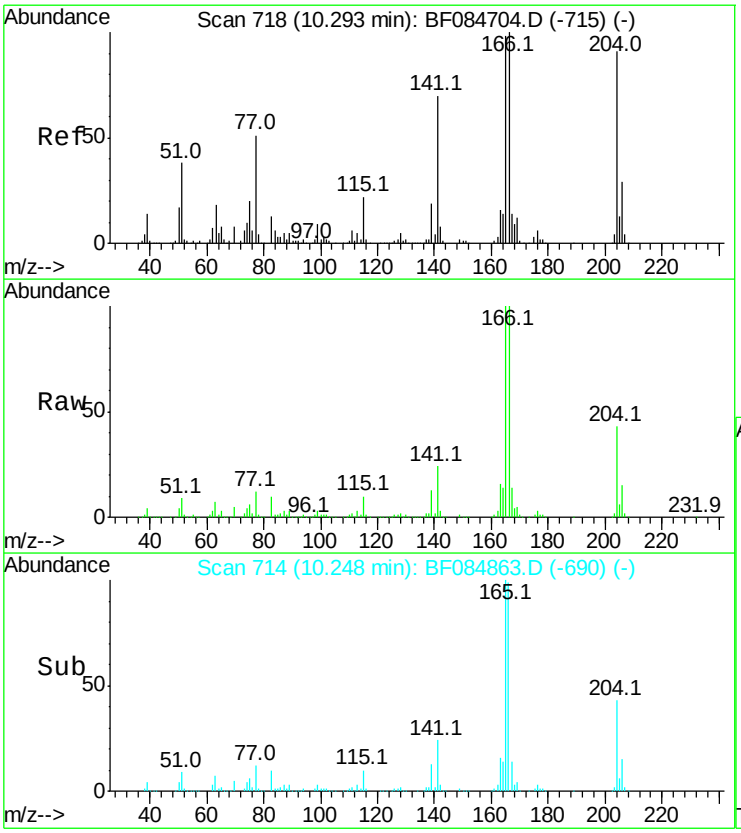
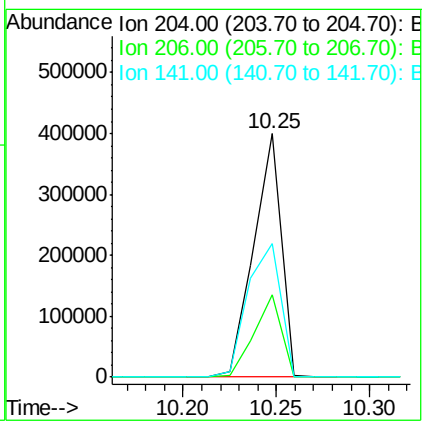
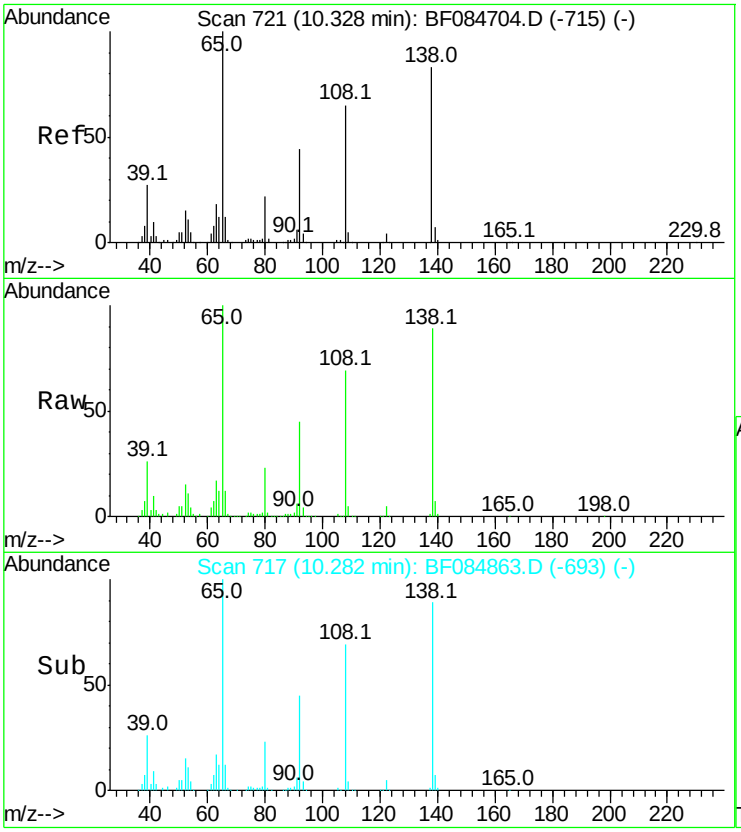



#60
4-Chlorophenyl-phenylether
Concen: 45.34 ng
RT: 10.25 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:204 Resp: 408285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.7 | 25.7 | 38.5 |
| 141 | 55.0 | 55.1 | 82.7# |

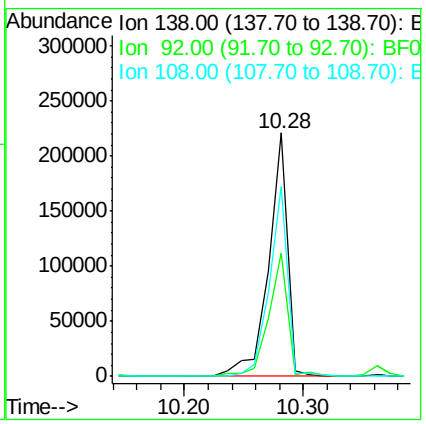





#61
4-Nitroaniline
Concen: 41.66 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:138 Resp: 245779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 50.9 | 32.6 | 72.6 |
| 108 | 77.8 | 68.6 | 108.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

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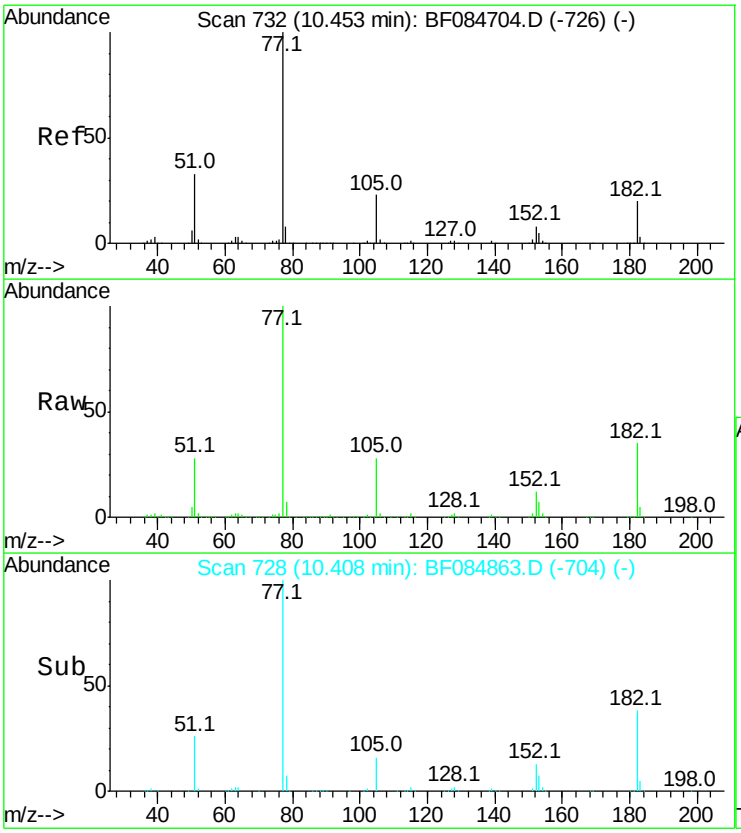
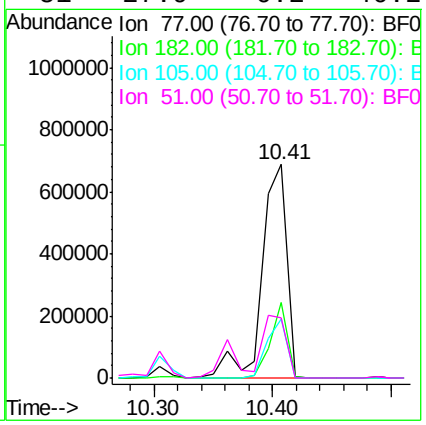
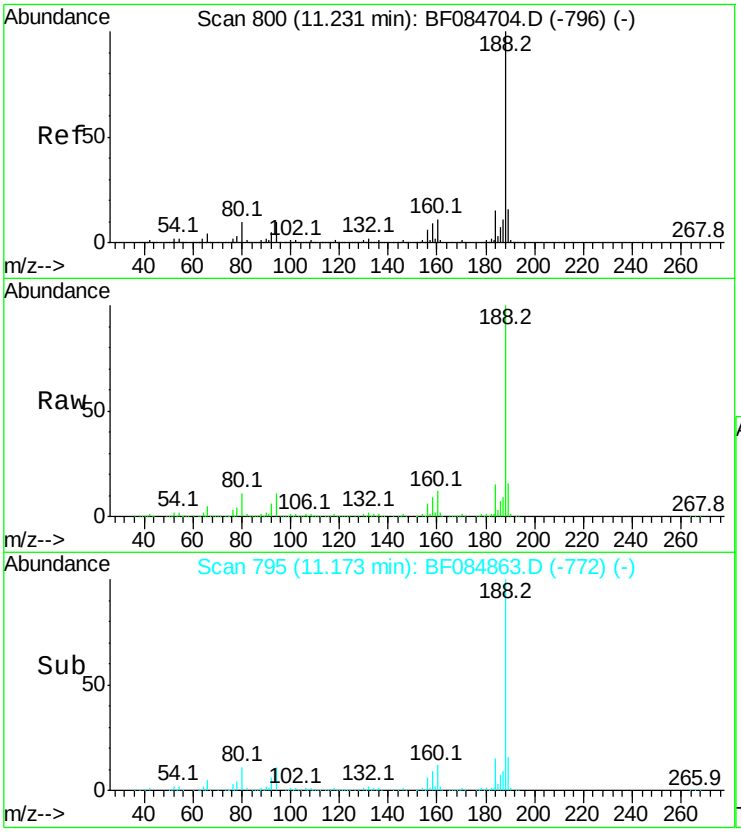



#62
Azobenzene
Concen: 43.37 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion: 77 Resp: 1004185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 35.4 | 8.3 | 48.3 |
| 105 | 27.7 | 4.6 | 44.6 |
| 51 | 27.9 | 6.2 | 46.2 |






#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:188 Resp: 570843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 11.2 | 9.0 | 13.4 |
| 80 | 11.5 | 9.6 | 14.4 |

**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

**Manual Integrations APPROVED**
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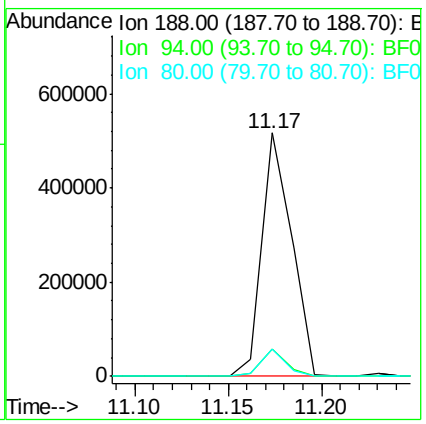
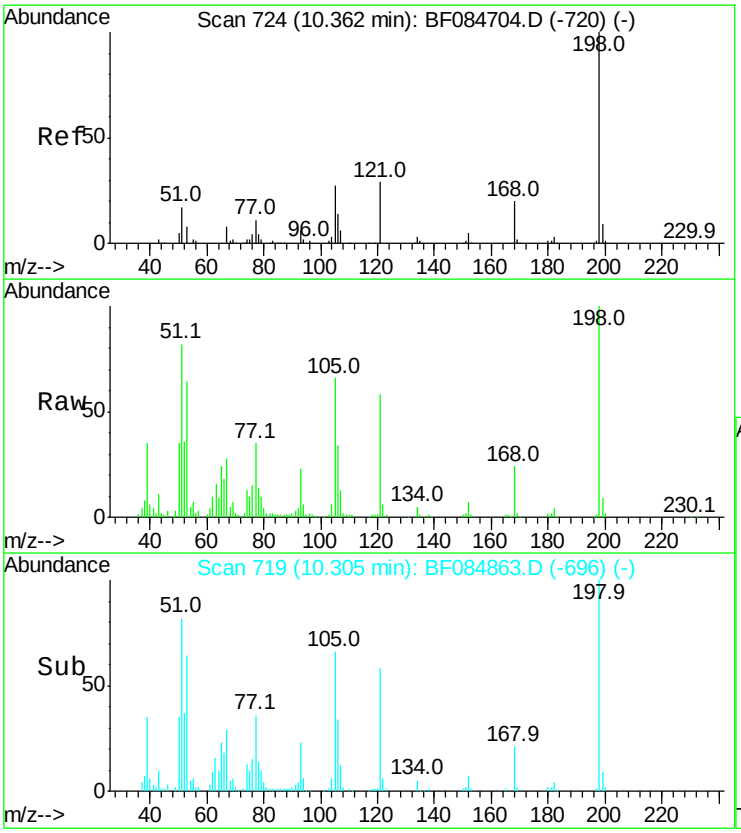
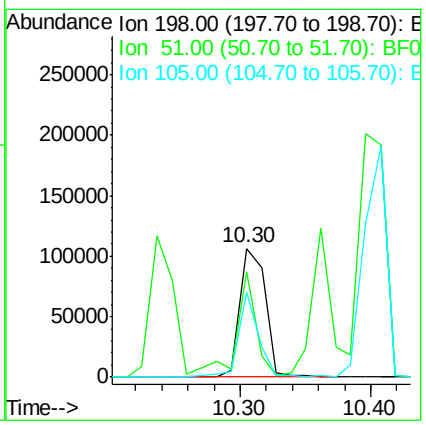


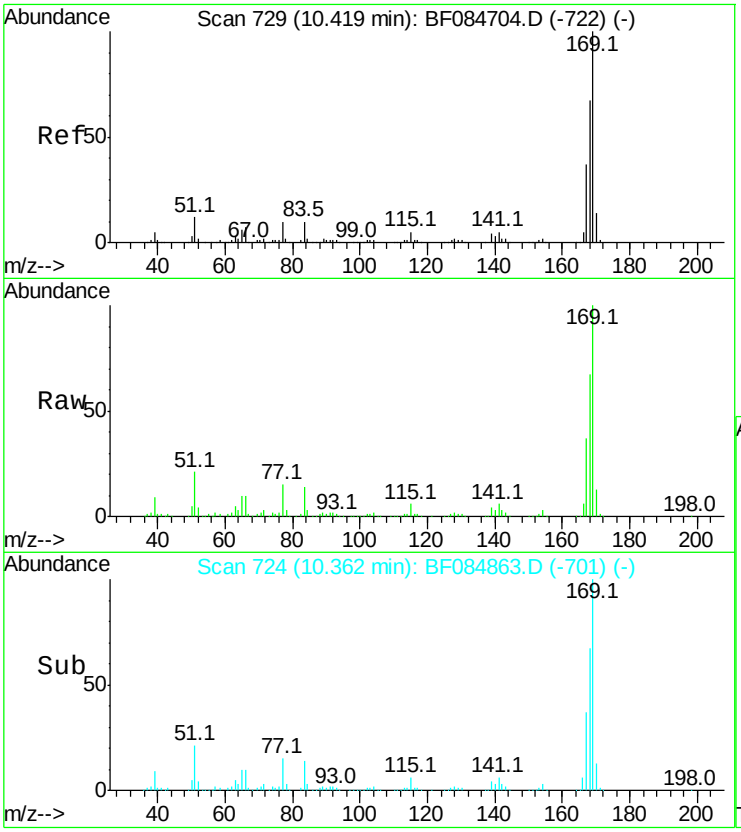




#64
4,6-Dinitro-2-methylphenol
Concen: 40.80 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:198 Resp: 143740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 81.9 | 18.9 | 58.9# |
| 105 | 65.7 | 26.4 | 66.4 |

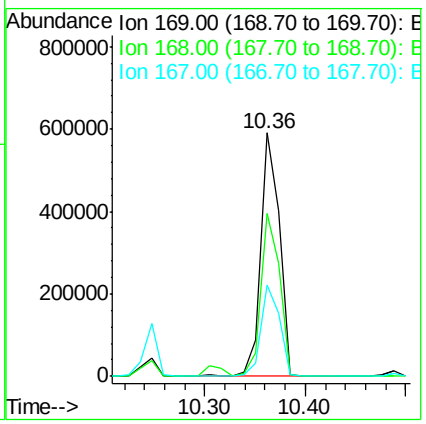





#65
n-Nitrosodiphenylamine
Concen: 41.58 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:169 Resp: 753739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.0 | 55.1 | 82.7 |
| 167 | 37.5 | 30.0 | 45.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

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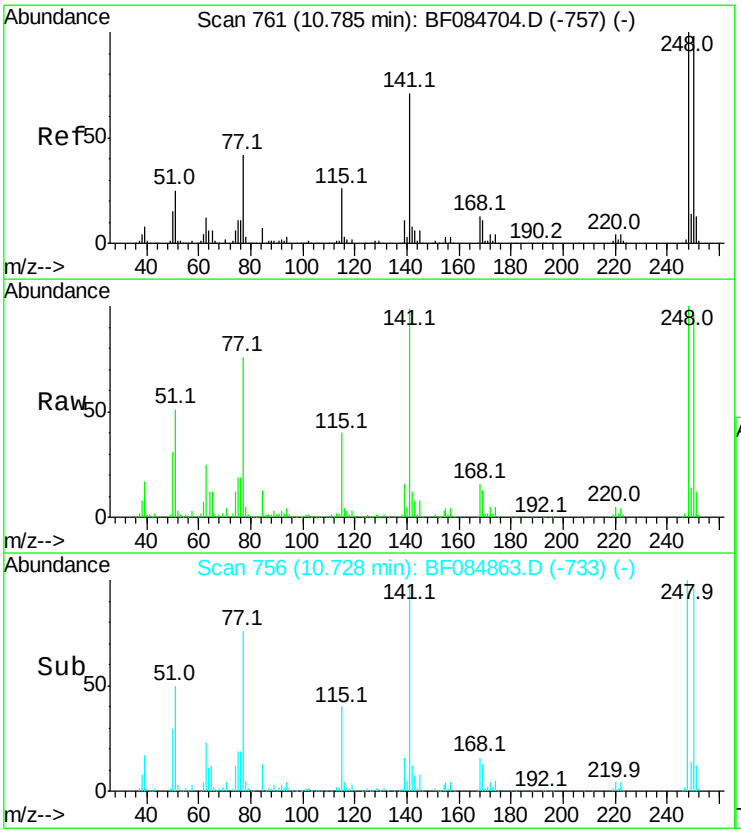
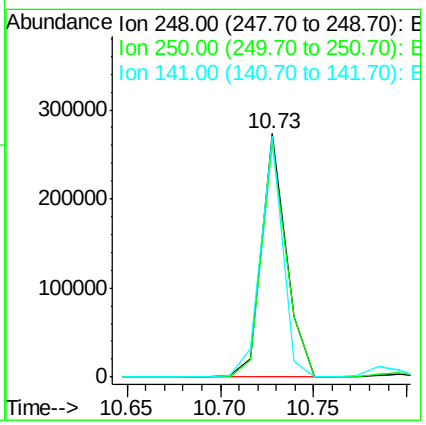
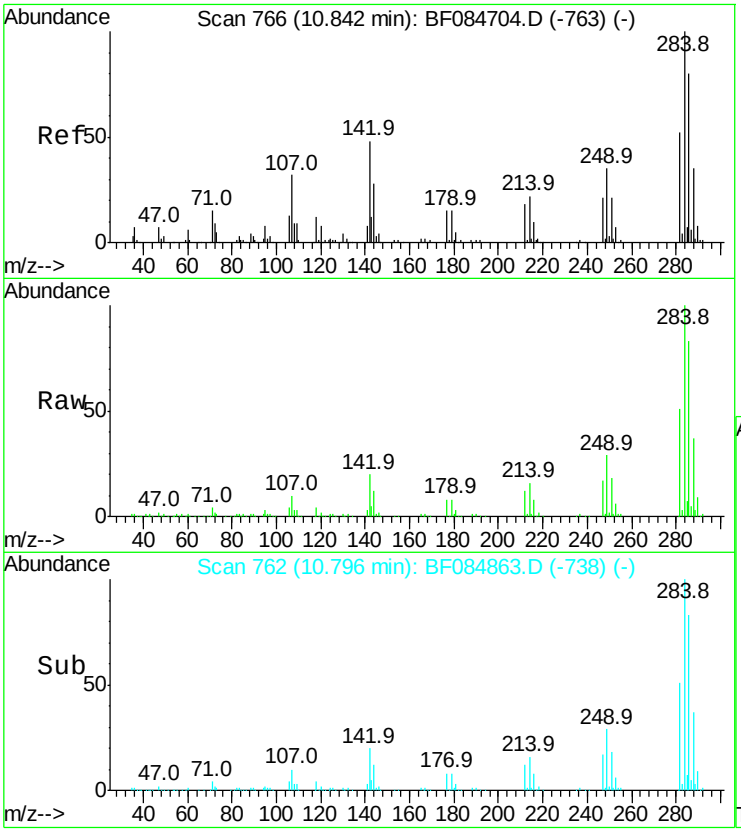



#66
4-Bromophenyl-phenylether
Concen: 39.52 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:248 Resp: 249168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 95.9 | 78.4 | 117.6 |
| 141 | 99.2 | 44.0 | 66.0# |

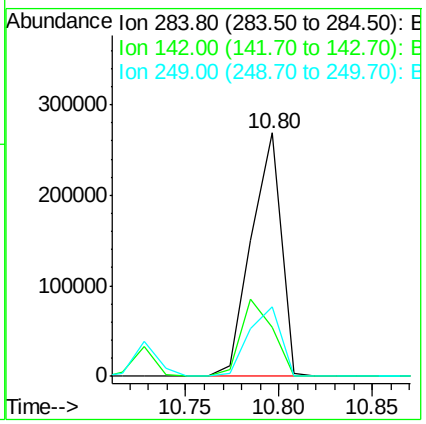





#67
Hexachlorobenzene
Concen: 43.32 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:284 Resp: 297624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 19.9 | 22.2 | 33.4# |
| 249 | 28.6 | 24.6 | 37.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

**Manual Integrations APPROVED**
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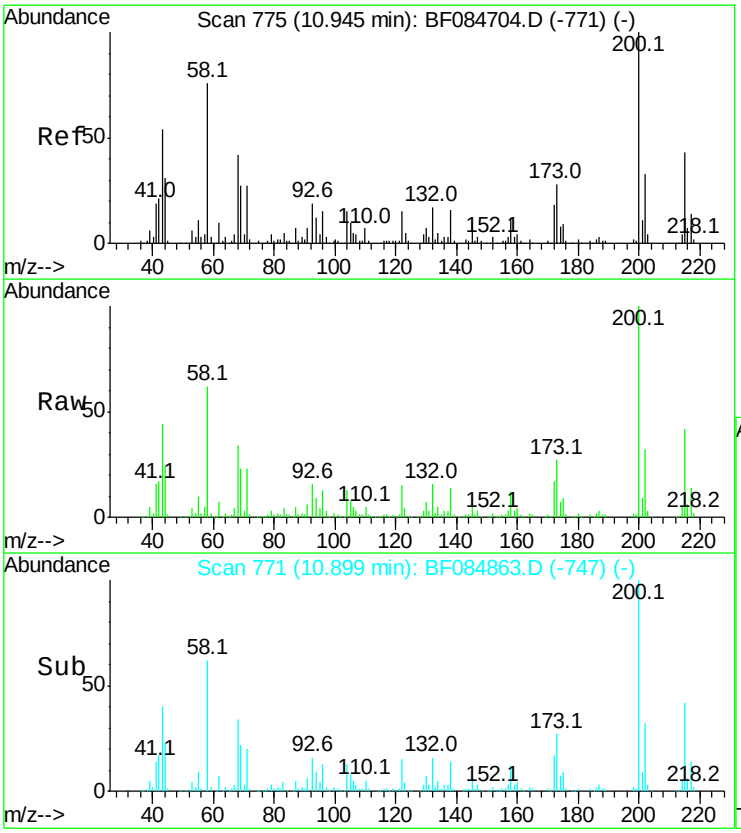
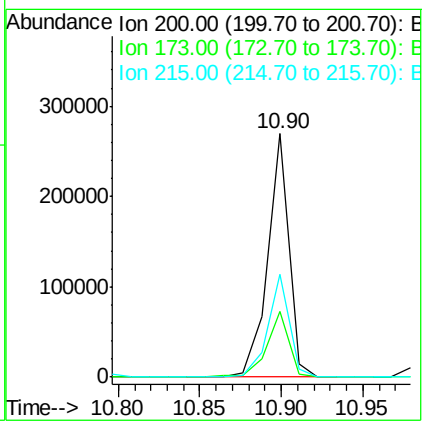
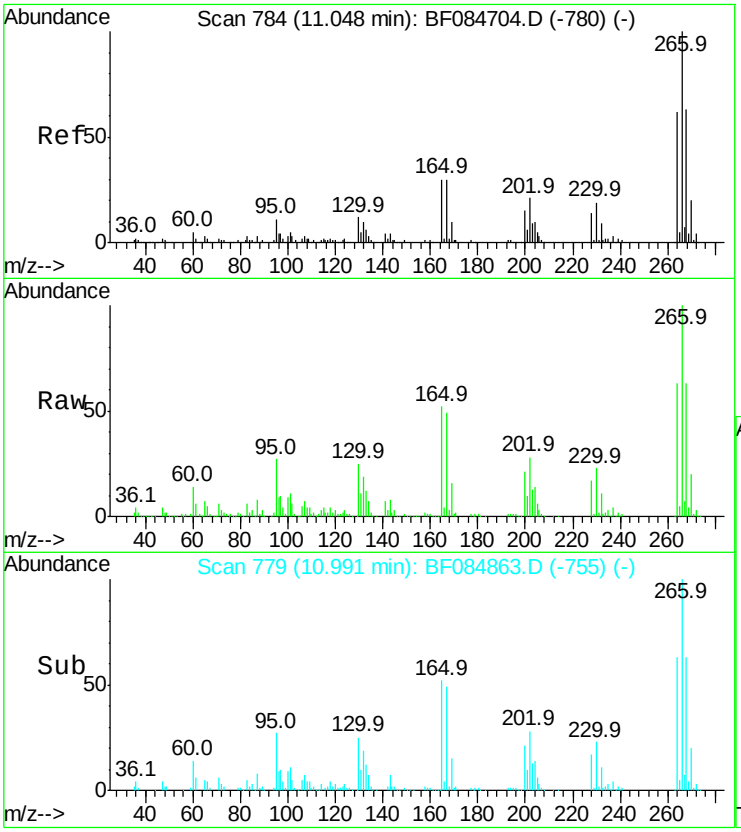



#68
Atrazine
Concen: 42.93 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:200 Resp: 245721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.9 | 9.5 | 49.5 |
| 215 | 42.4 | 23.8 | 63.8 |

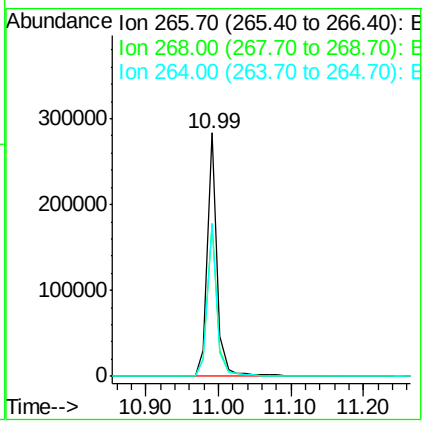





#69
Pentachlorophenol
Concen: 82.15 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:266 Resp: 265251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 62.8 | 52.4 | 78.6 |
| 264 | 62.9 | 50.2 | 75.2 |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

**Manual Integrations APPROVED**
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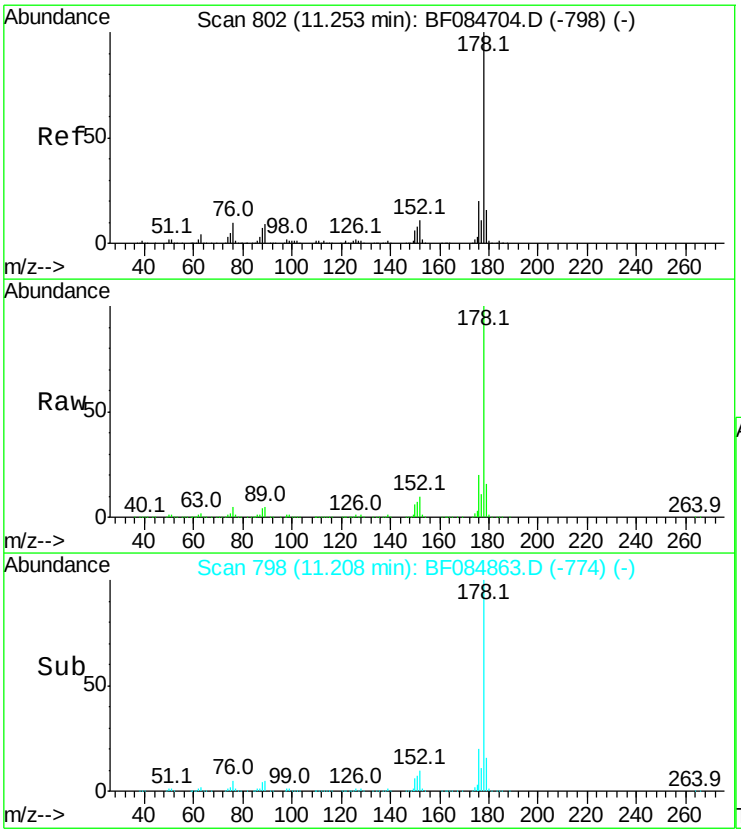
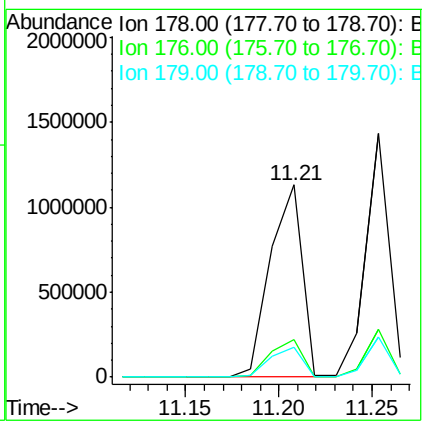
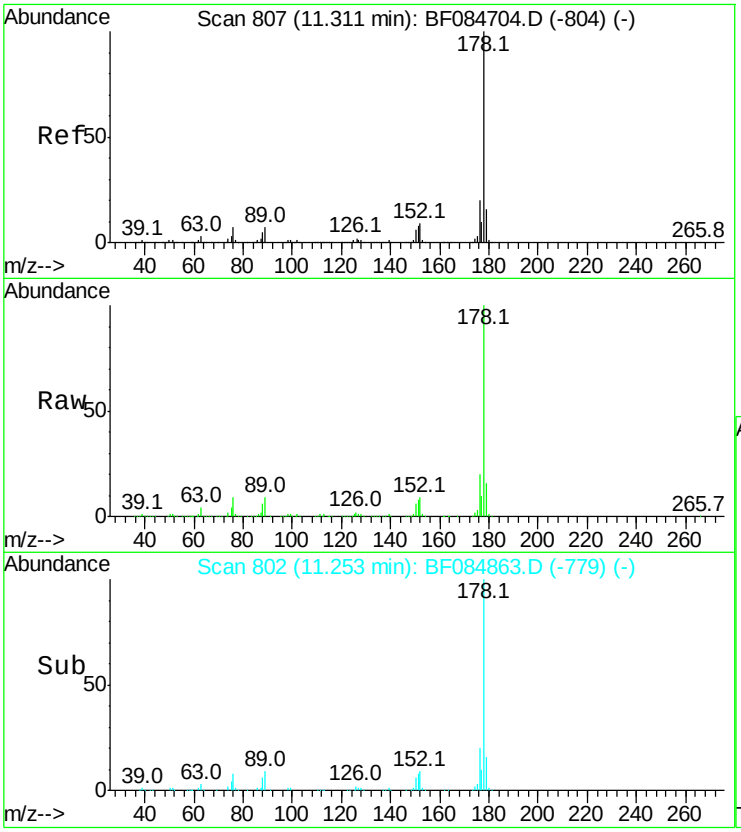



#70
Phenanthrene
Concen: 42.72 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:178 Resp: 1352637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.8 | 15.3 | 22.9 |
| 179 | 15.6 | 12.0 | 18.0 |

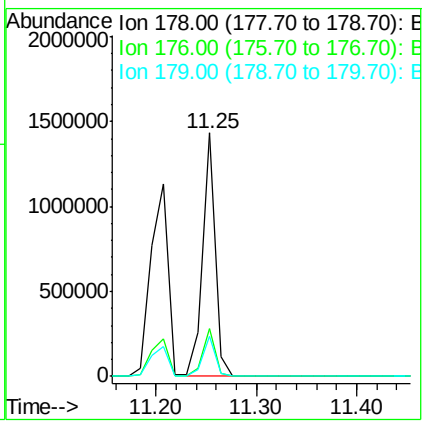





#71
Anthracene
Concen: 39.06 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:178 Resp: 1246192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.7 | 15.4 | 23.0 |
| 179 | 16.4 | 12.5 | 18.7 |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

**Manual Integrations APPROVED**
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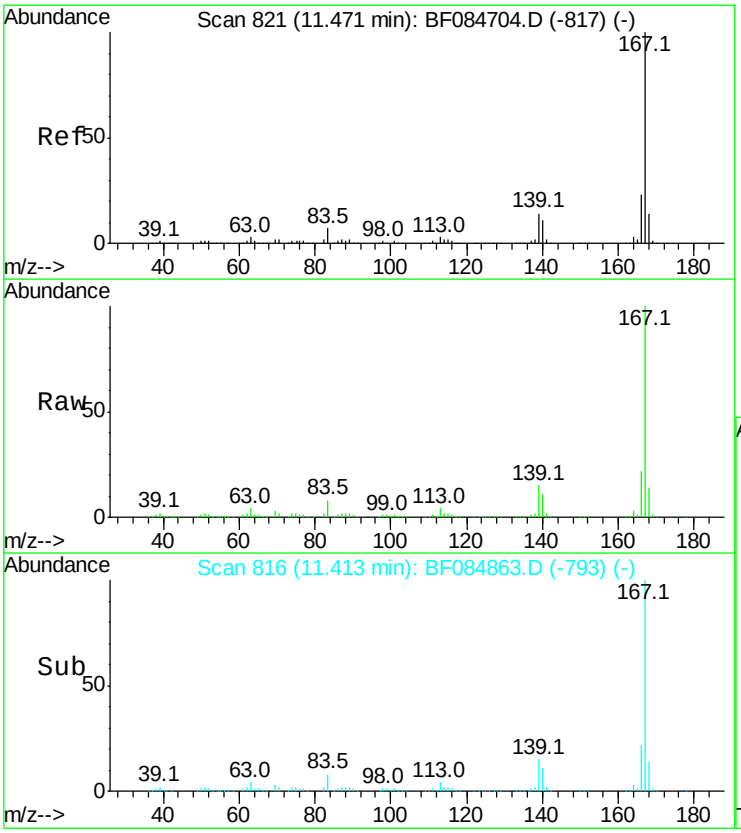
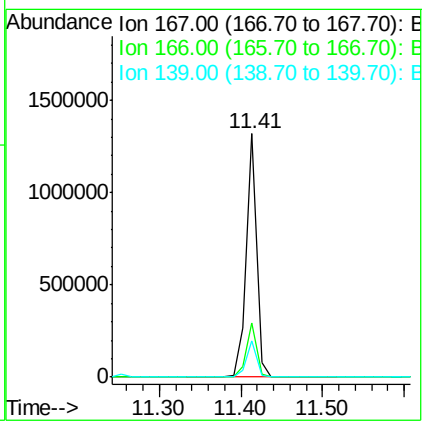
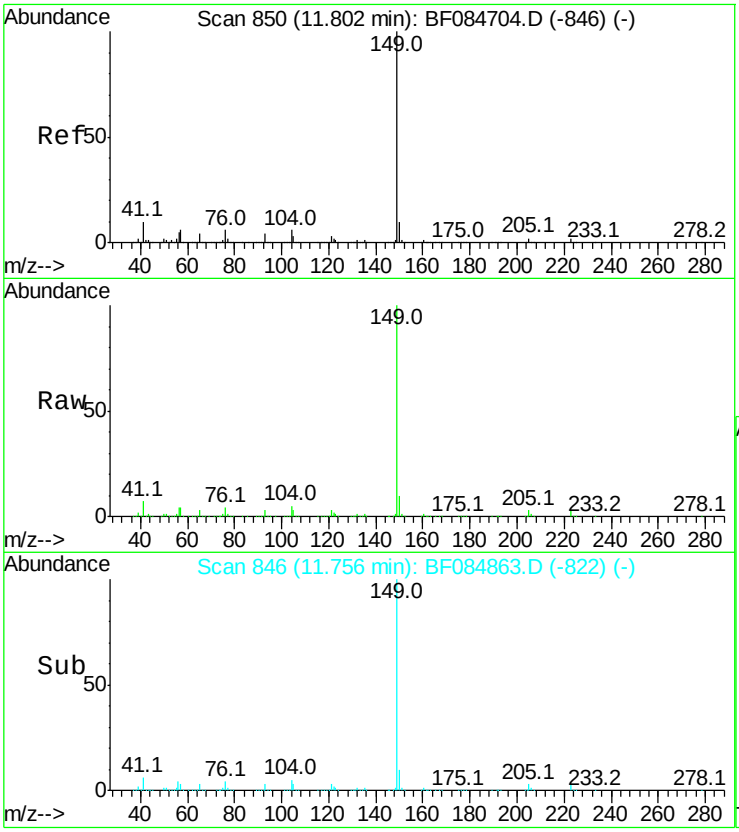



#72
Carbazole
Concen: 41.48 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:167 Resp: 1153841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.2 | 17.6 | 26.4 |
| 139 | 14.7 | 11.8 | 17.8 |

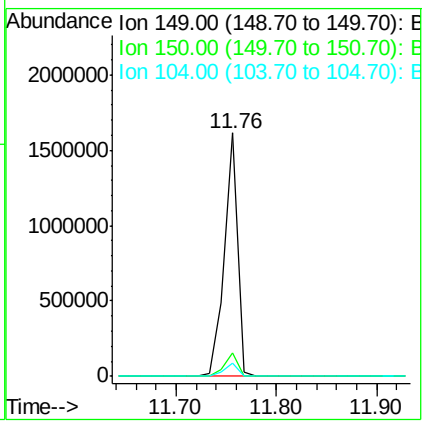





#73
Di-n-butylphthalate
Concen: 41.69 ng
RT: 11.76 min Scan# 846
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:149 Resp: 1476607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.7 | 7.1 | 10.7 |
| 104 | 5.2 | 3.2 | 4.8# |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

**Manual Integrations APPROVED**
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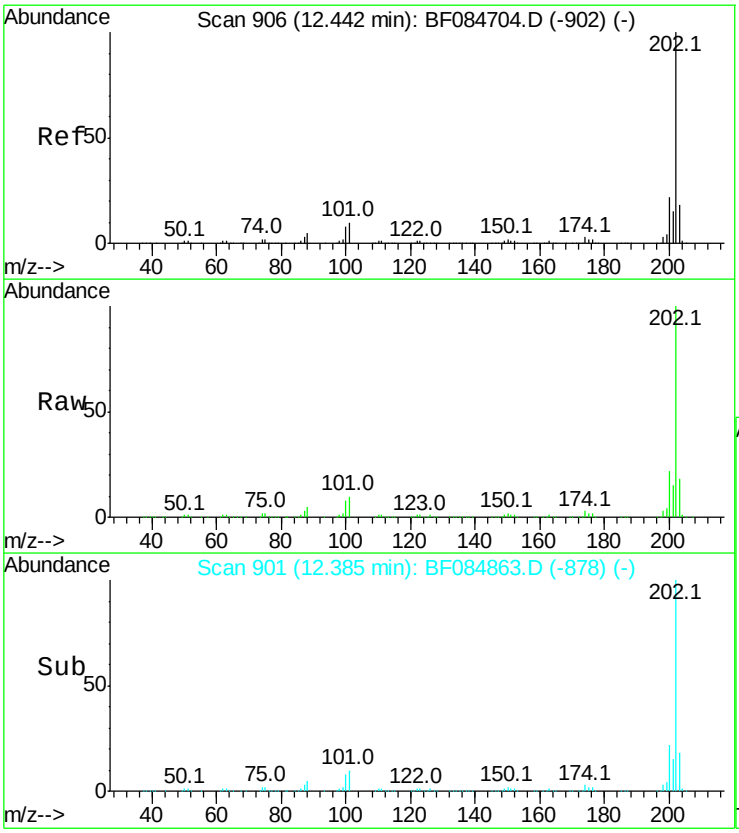
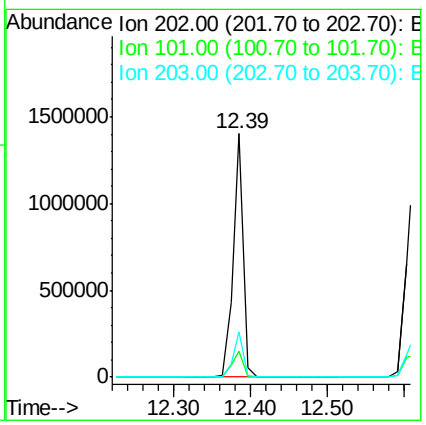
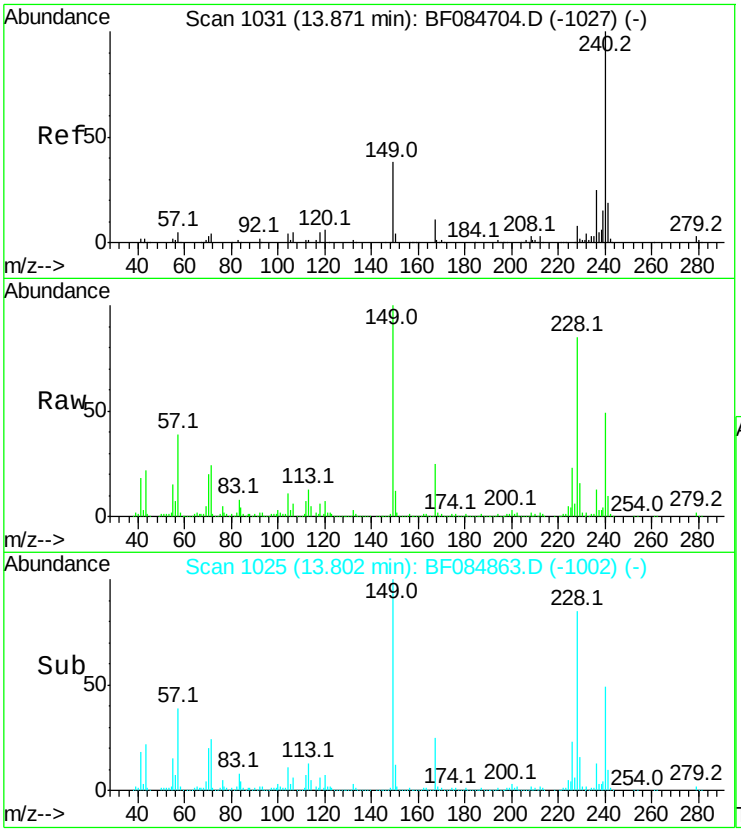



#74
Fluoranthene
Concen: 40.96 ng
RT: 12.39 min Scan# 901
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:202 Resp: 1312428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.5 | 0.0 | 32.8 |
| 203 | 18.4 | 0.0 | 37.9 |

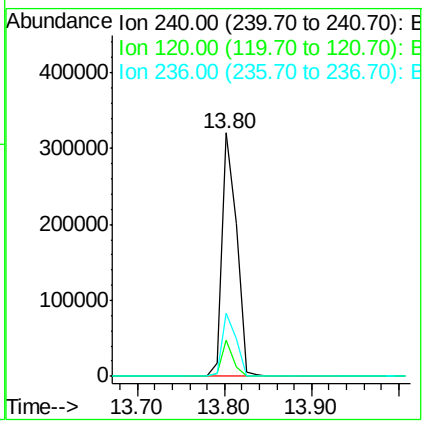





#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:240 Resp: 377457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 14.9 | 9.5 | 14.3# |
| 236 | 25.9 | 20.6 | 31.0 |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

**Manual Integrations APPROVED**
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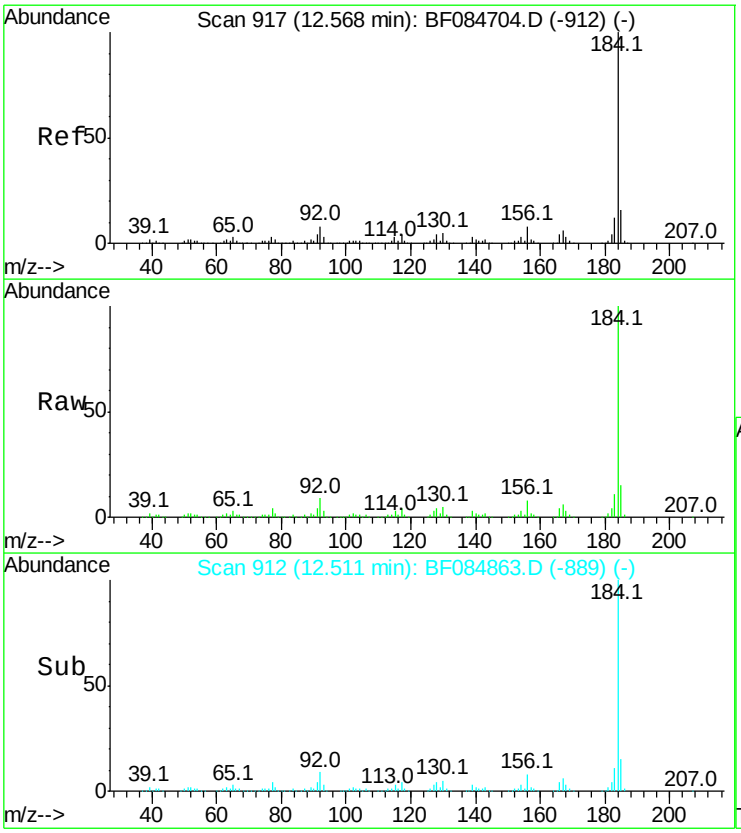
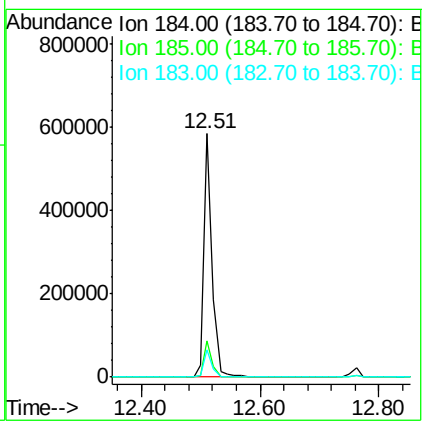
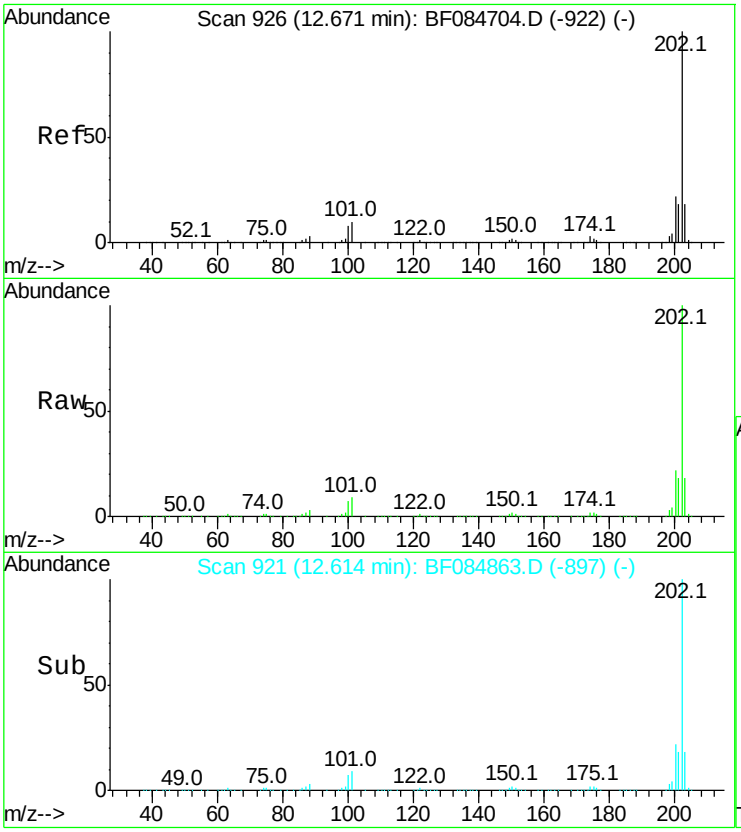



#76
Benzidine
Concen: 43.82 ng
RT: 12.51 min Scan# 912
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:184 Resp: 574424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.9 | 12.2 | 18.2 |
| 183 | 11.4 | 9.8 | 14.8 |

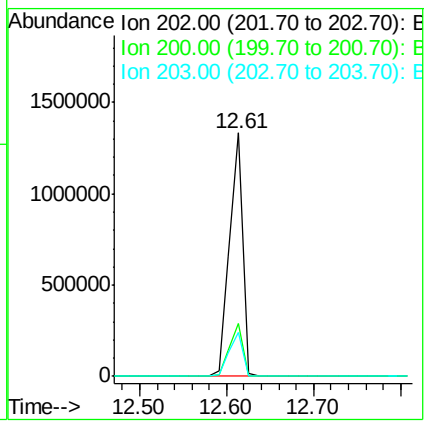





#77
Pyrene
Concen: 48.46 ng
RT: 12.61 min Scan# 921
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:202 Resp: 1400529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.8 | 17.2 | 25.8 |
| 203 | 18.2 | 14.3 | 21.5 |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

**Manual Integrations APPROVED**
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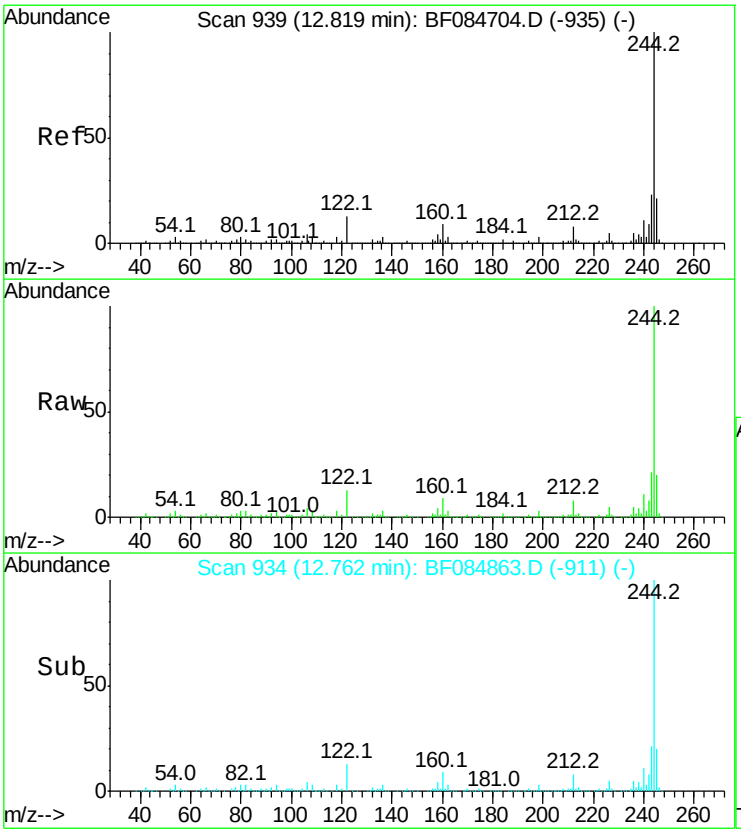
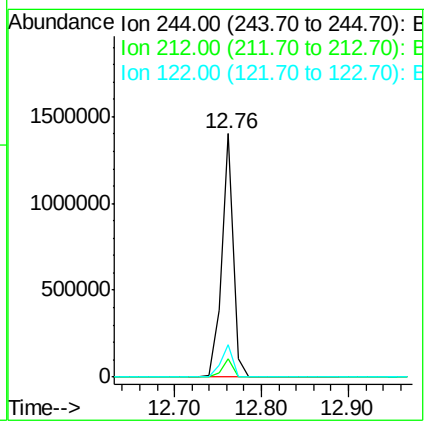
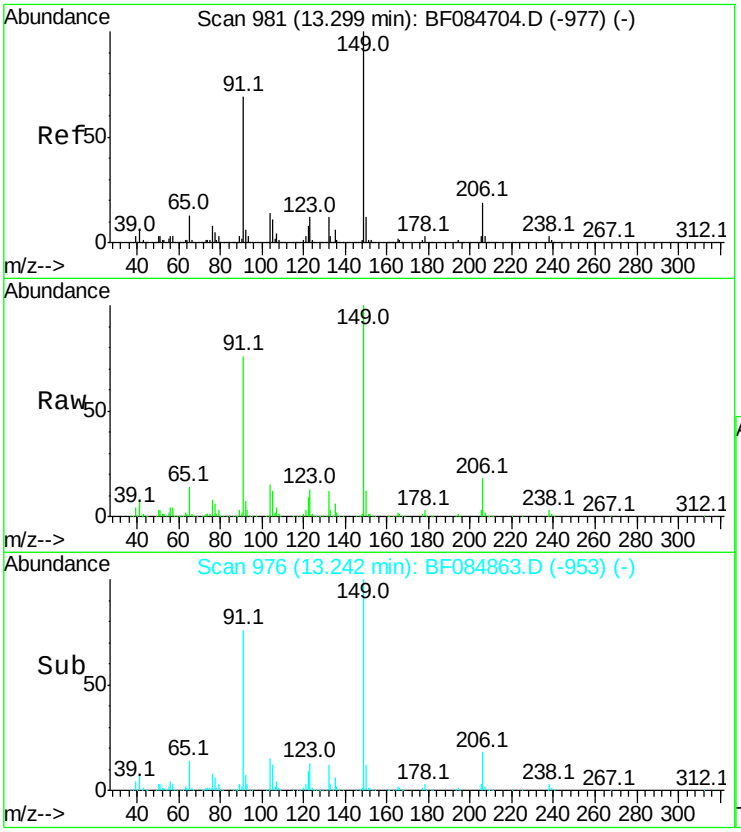



#78
Terphenyl-d14
Concen: 78.82 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:244 Resp: 1312994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.8 | 5.7 | 8.5 |
| 122 | 13.3 | 7.4 | 11.0# |

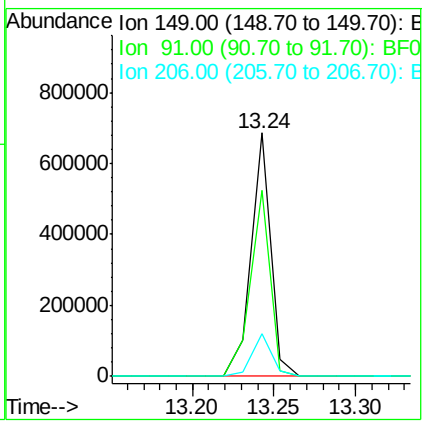





#79
Butylbenzylphthalate
Concen: 43.90 ng
RT: 13.24 min Scan# 976
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:149 Resp: 575585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 76.2 | 57.6 | 86.4 |
| 206 | 17.5 | 13.2 | 19.8 |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

**Manual Integrations APPROVED**
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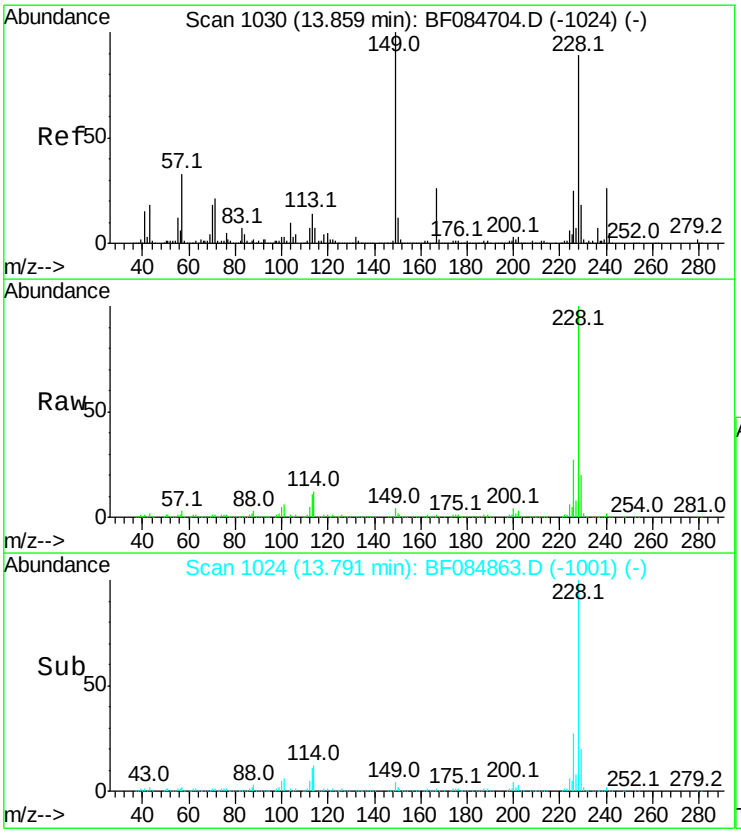
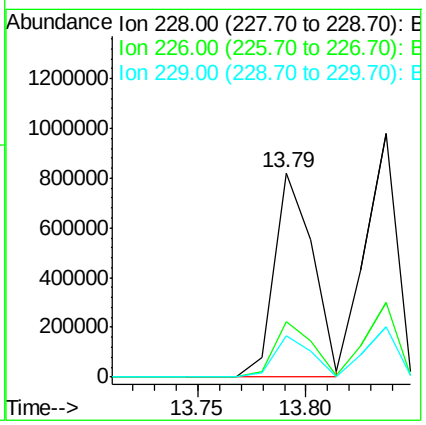
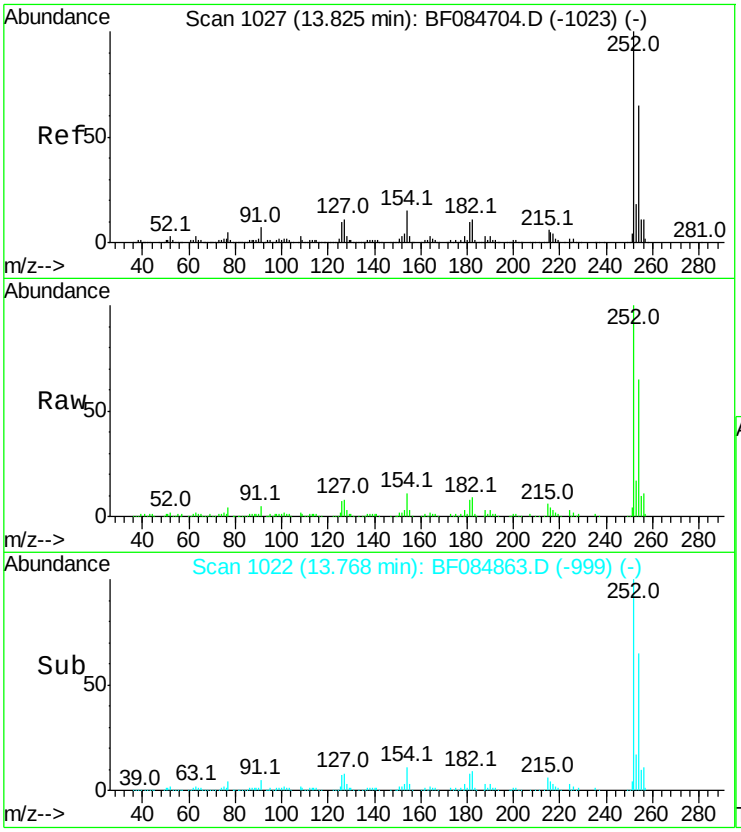



#80
Benzo(a)anthracene
Concen: 43.20 ng
RT: 13.79 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:228 Resp: 1012101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.0 | 21.8 | 32.6 |
| 229 | 20.3 | 15.8 | 23.8 |

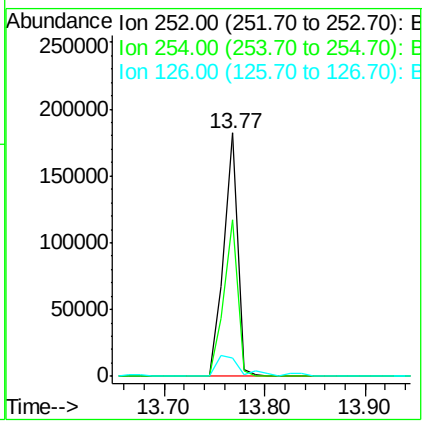





#81
3,3'-Dichlorobenzidine
Concen: 21.43 ng
RT: 13.77 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:252 Resp: 177766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.6 | 53.5 | 80.3 |
| 126 | 7.5 | 4.9 | 7.3# |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

**Manual Integrations APPROVED**
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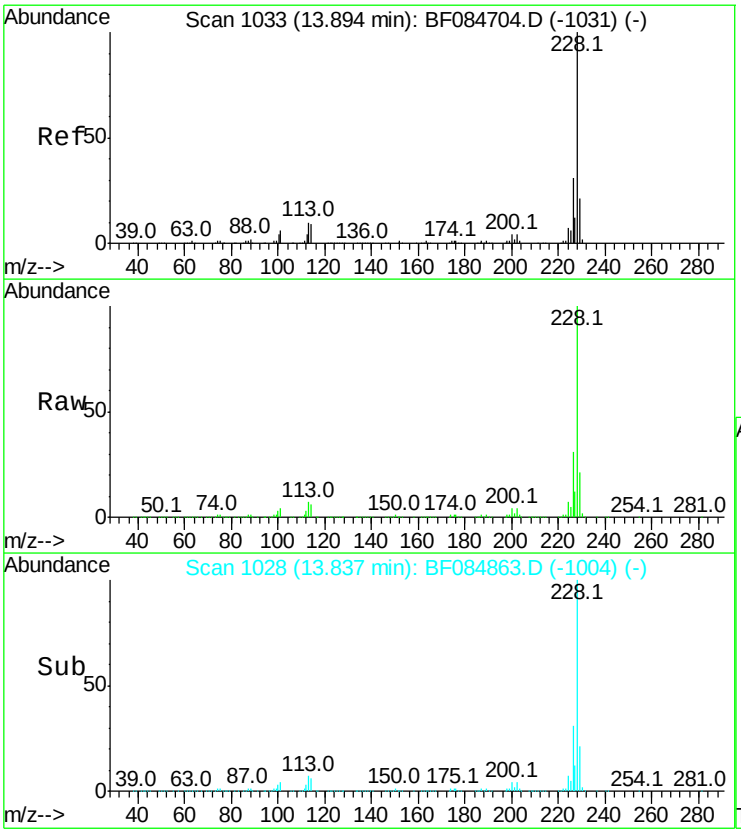
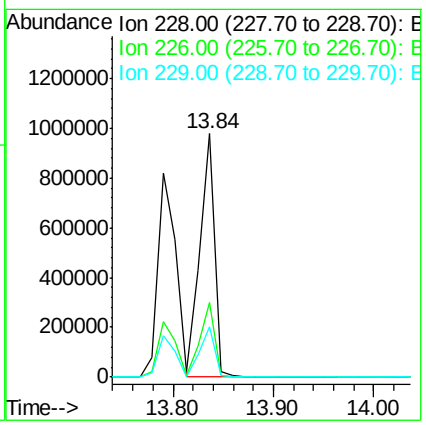
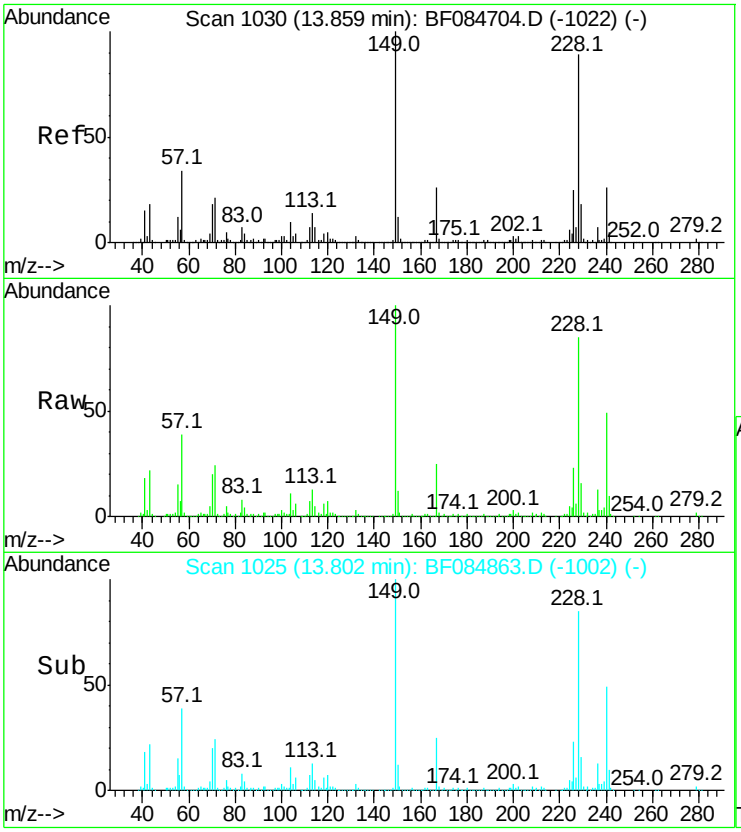



#82
Chrysene
Concen: 43.70 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:228 Resp: 992674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.8 | 24.3 | 36.5 |
| 229 | 20.8 | 16.1 | 24.1 |






#83
Bis(2-ethylhexyl)phthalate
Concen: 43.86 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:149 Resp: 715569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 25.0 | 19.7 | 29.5 |
| 279 | 2.0 | 1.8 | 2.6 |

**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

**Manual Integrations APPROVED**
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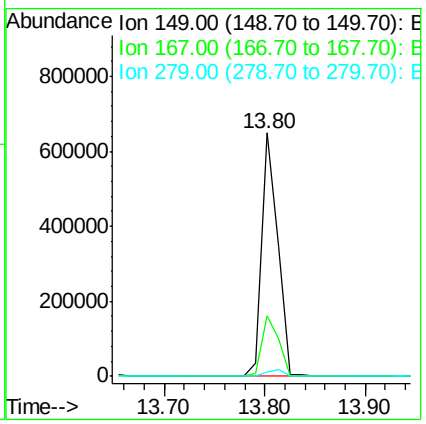
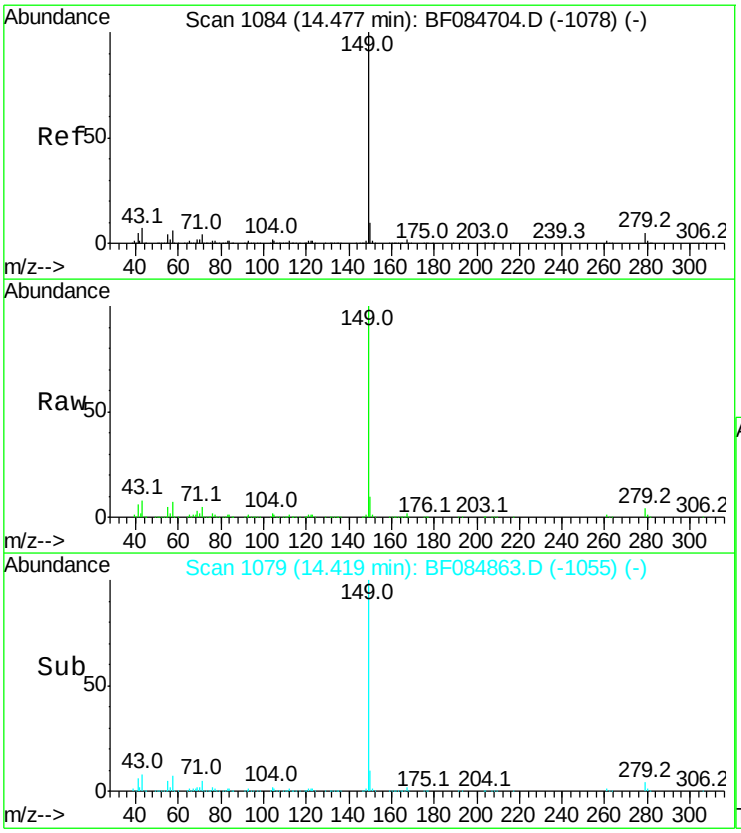
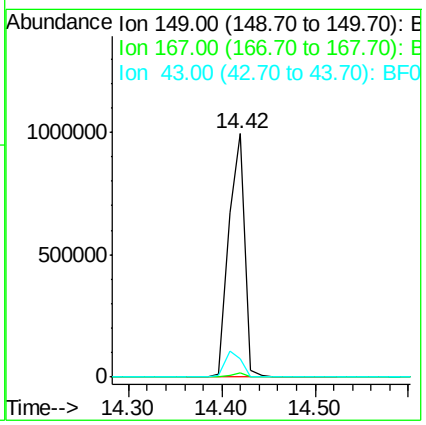


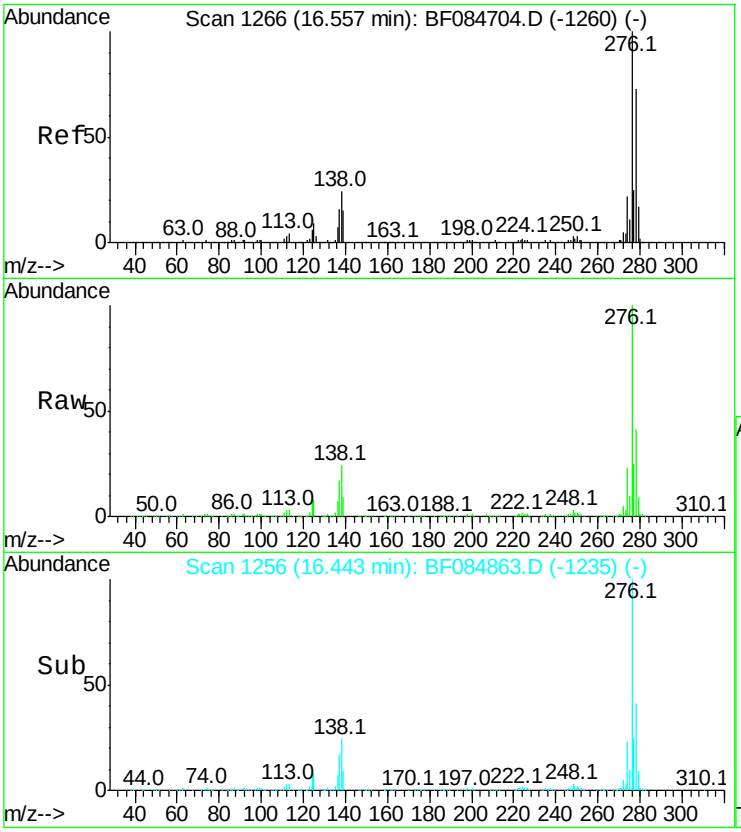




#84
Di-n-octyl phthalate
Concen: 43.74 ng
RT: 14.42 min Scan# 1079
Delta R.T. -0.02 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:149 Resp: 1177448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.2 | 1.8 |
| 43 | 10.9 | 5.6 | 8.4# |

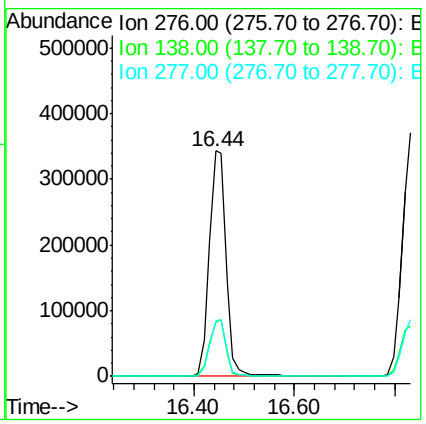





#85
Indeno(1,2,3-cd)pyrene
Concen: 44.56 ng
RT: 16.44 min Scan# 1256
Delta R.T. -0.06 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:276 Resp: 796860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 24.9 | 20.6 | 30.8 |
| 277 | 24.9 | 20.1 | 30.1 |




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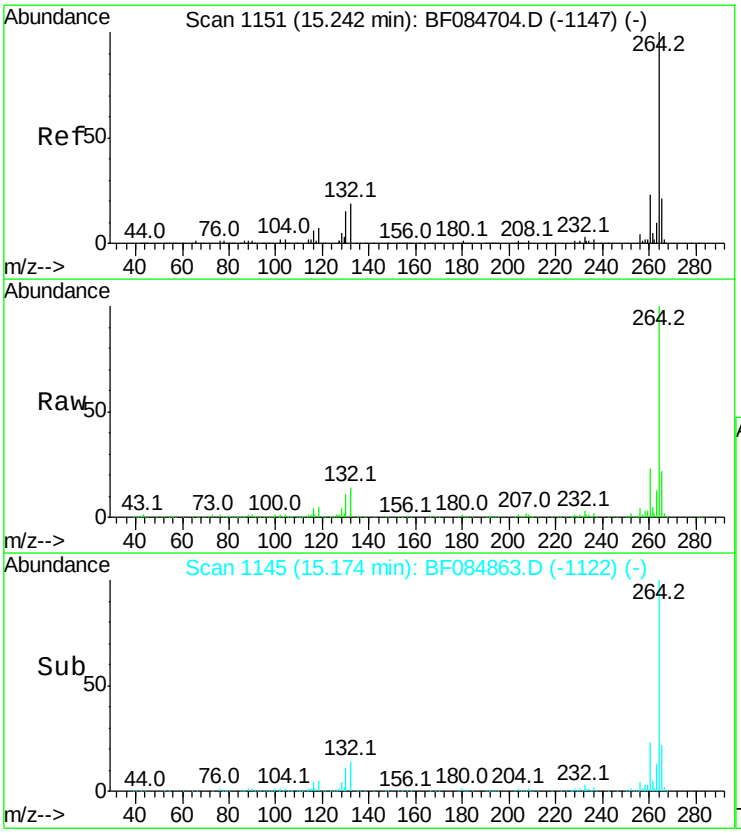
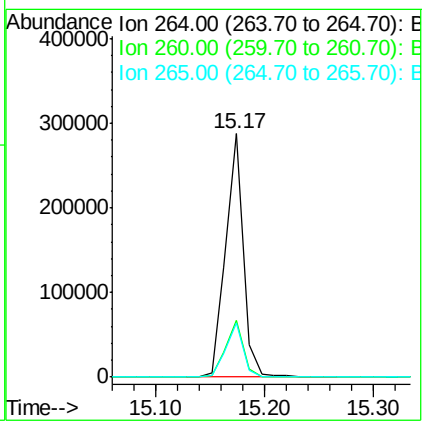
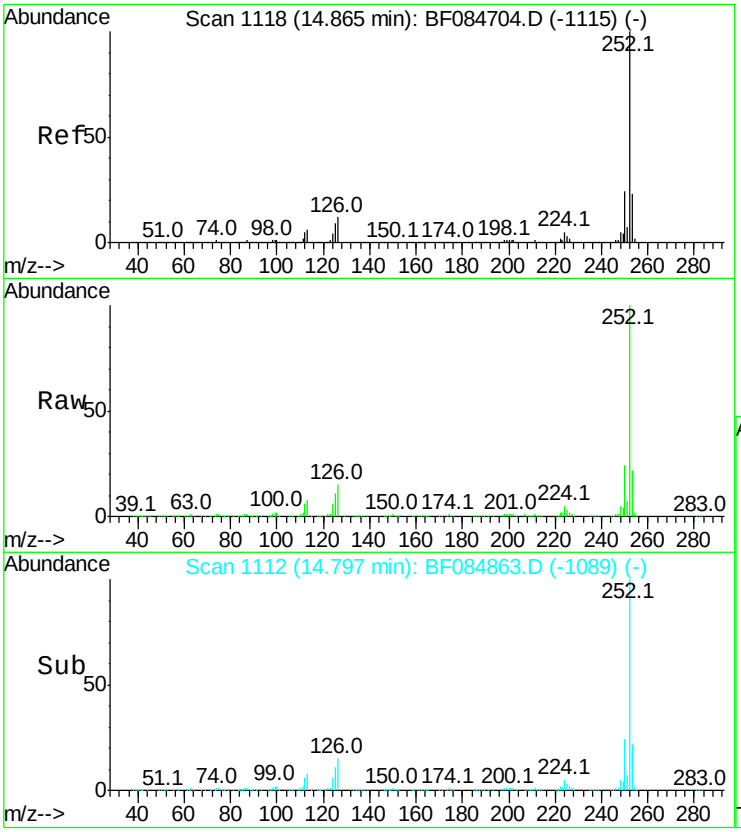



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:264 Resp: 322105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.2 | 19.4 | 29.2 |
| 265 | 22.2 | 17.8 | 26.6 |






#87
Benzo(b)fluoranthene
Concen: 34.99 ng m
RT: 14.80 min Scan# 1112
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:252 Resp: 757274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 17.3 | 25.9 |
| 125 | 11.0 | 6.5 | 9.7# |

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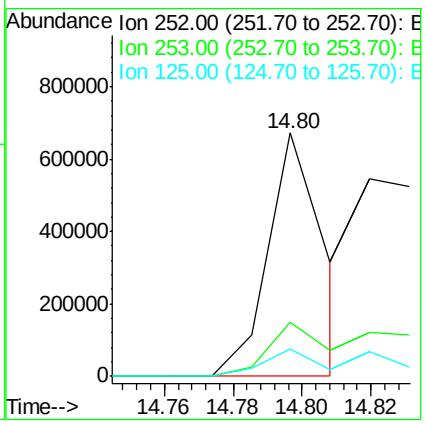
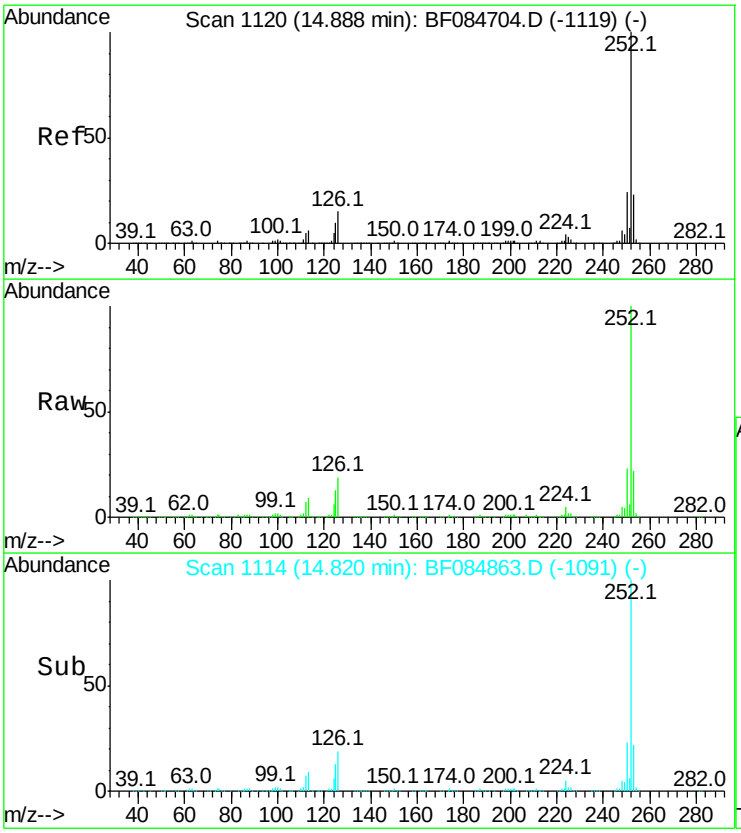
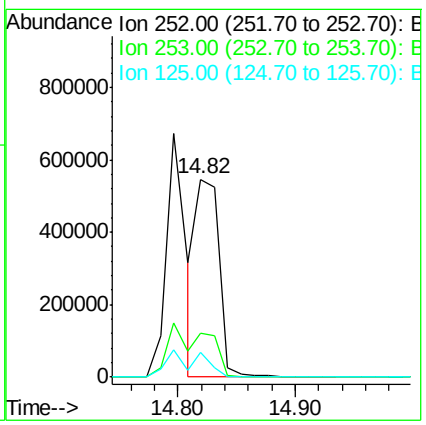


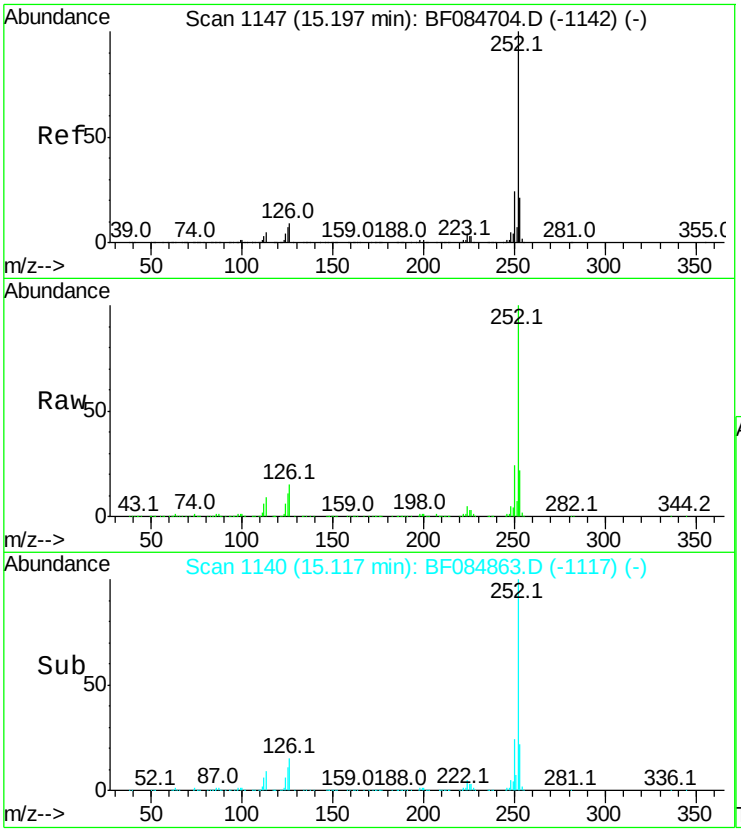




#88
Benzo(k)fluoranthene
Concen: 43.17 ng m
RT: 14.82 min Scan# 1114
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:252 Resp: 772535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 18.1 | 27.1 |
| 125 | 12.7 | 9.0 | 13.6 |

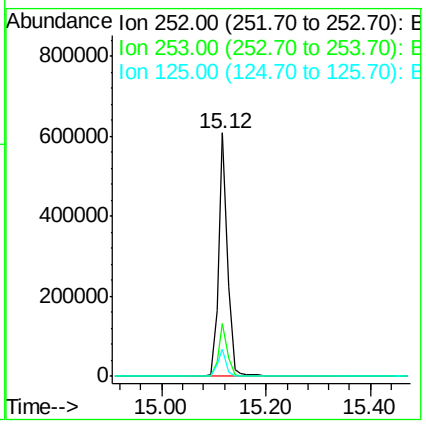





#89
Benzo(a)pyrene
Concen: 38.66 ng
RT: 15.12 min Scan# 1140
Delta R.T. -0.03 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:252 Resp: 712937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.3 | 25.9 |
| 125 | 11.4 | 7.0 | 10.4# |




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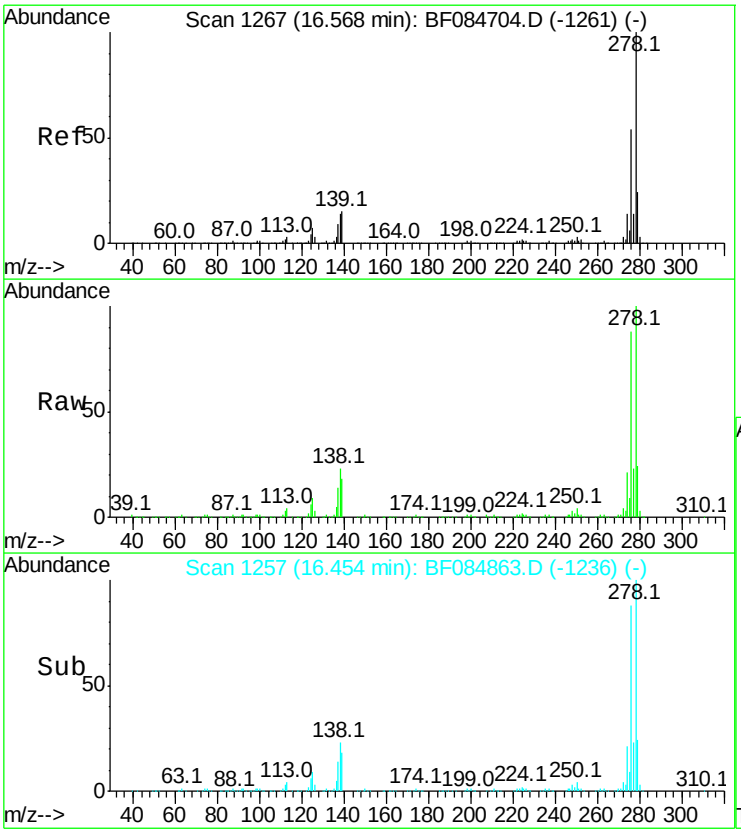
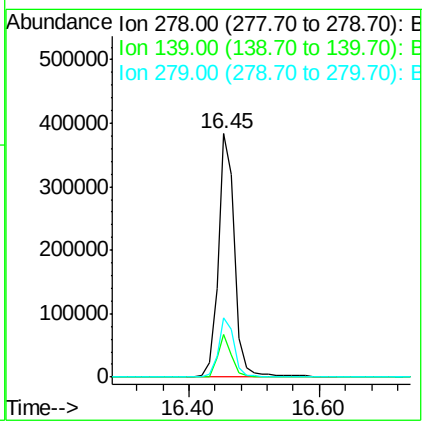
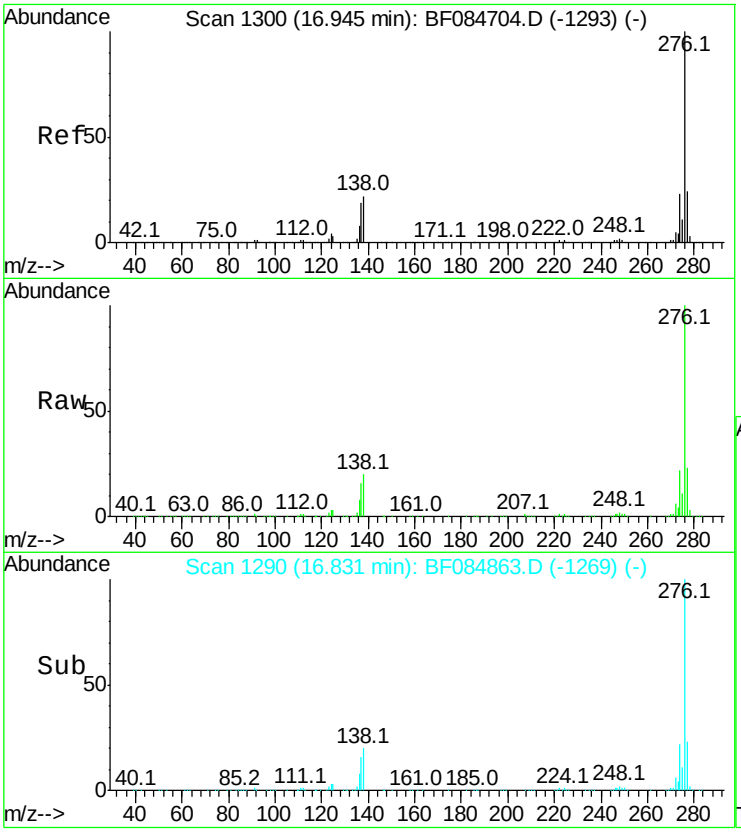



#90
Dibenzo(a,h)anthracene
Concen: 43.14 ng
RT: 16.45 min Scan# 1257
Delta R.T. -0.06 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:278 Resp: 669707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.7 | 15.0 | 22.4 |
| 279 | 24.1 | 18.9 | 28.3 |

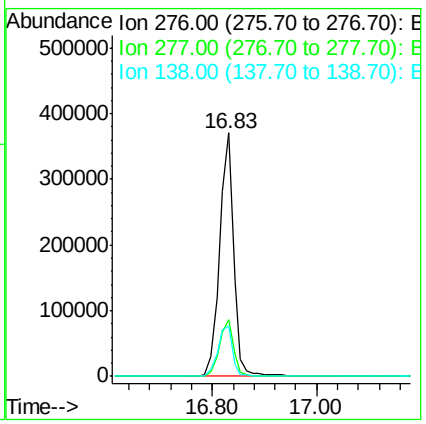





#91
Benzo(g,h,i)perylene
Concen: 43.95 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.06 min
Lab File: BF084863.D
Acq: 5 Feb 2016 16:51

Tgt Ion:276 Resp: 687283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.1 | 18.8 | 28.2 |
| 138 | 20.4 | 17.8 | 26.6 |




**Instrument :**
BNA_F
**ClientSampleId :**
SUP-B017(25-27)MS

**Manual Integrations APPROVED**
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