Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022306.D
Acq On : 11 Jun 2016 3:56
Operator : UM/SJ
Sample : H3448-21MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

**Manual Integrations APPROVED**
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6/13/2016 7:32:05 PM

Quant Time: Jun 12 03:01:22 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.11 | 152 | 28636 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 10.92 | 136 | 142295 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 14.74 | 164 | 77487 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.48 | 188 | 169794 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 21.76 | 240 | 152530 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 25.05 | 264 | 139660 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.65 | 112 | 282222 | 190.55 | ng | | -0.01 |
| 7) Phenol-d6 | 7.27 | 99 | 407130 | 174.83 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.28 | 82 | 223042 | 109.28 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 16.23 | 330 | 114983 | 131.32 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.36 | 172 | 477482 | 93.91 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.08 | 244 | 595840 | 92.74 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.50 | 88 | 27200 | 38.30 | ng | # | 75 |
| 3) Pyridine | 3.91 | 79 | 28388 | 14.79 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.82 | 42 | 25700 | 59.89 | ng | | 83 |
| 6) Aniline | 7.43 | 93 | 112532 | 38.04 | ng | # | 84 |
| 8) 2-Chlorophenol | 7.67 | 128 | 116677 | 57.00 | ng | # | 80 |
| 9) Benzaldehyde | 7.24 | 77 | 5120 | 3.99 | ng | | 84 |
| 10) Phenol | 7.30 | 94 | 148702 | 61.94 | ng | | 83 |
| 11) bis(2-Chloroethyl)ether | 7.52 | 93 | 101509 | 53.03 | ng | # | 76 |
| 12) 1,3-Dichlorobenzene | 7.99 | 146 | 109310 | 49.81 | ng | # | 91 |
| 13) 1,4-Dichlorobenzene | 8.14 | 146 | 112890 | 51.63 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 8.46 | 146 | 109771 | 49.81 | ng | | 97 |
| 15) Benzyl Alcohol | 8.35 | 79 | 84185 | 55.95 | ng | # | 89 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.64 | 45 | 114548 | 57.68 | ng | | 85 |
| 17) 2-Methylphenol | 8.55 | 107 | 102086 | 56.98 | ng | # | 88 |
| 18) Hexachloroethane | 9.19 | 117 | 41734 | 52.28 | ng | # | 80 |
| 19) n-Nitroso-di-n-propylamine | 8.91 | 70 | 81303 | 51.58 | ng | # | 72 |
| 20) 3+4-Methylphenols | 8.88 | 107 | 137812 | 53.63 | ng | | 97 |
| 22) Acetophenone | 8.93 | 105 | 161778 | 52.76 | ng | # | 84 |
| 24) Nitrobenzene | 9.32 | 77 | 116973 | 56.99 | ng | # | 82 |
| 25) Isophorone | 9.84 | 82 | 237975 | 49.84 | ng | | 94 |
| 26) 2-Nitrophenol | 10.04 | 139 | 62796 | 56.42 | ng | # | 78 |
| 27) 2,4-Dimethylphenol | 10.09 | 122 | 112798 | 55.99 | ng | | 90 |
| 28) bis(2-Chloroethoxy)methane | 10.32 | 93 | 145368 | 53.14 | ng | | 93 |
| 29) 2,4-Dichlorophenol | 10.58 | 162 | 103563 | 55.49 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.79 | 180 | 104773 | 50.25 | ng | | 96 |
| 31) Naphthalene | 10.98 | 128 | 362902 | 51.09 | ng | # | 94 |
| 32) Benzoic acid | 10.23 | 122 | 32669 | 47.46 | ng | | 91 |
| 33) 4-Chloroaniline | 11.09 | 127 | 75520 | 25.57 | ng | # | 89 |
| 34) Hexachlorobutadiene | 11.25 | 225 | 55487 | 49.57 | ng | | 96 |
| 35) Caprolactam | 11.87 | 113 | 36780m | 35.93 | ng | | |
| 36) 4-Chloro-3-methylphenol | 12.21 | 107 | 117319 | 53.04 | ng | # | 88 |
| 37) 2-Methylnaphthalene | 12.57 | 142 | 255082 | 48.65 | ng | | 95 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.94 | 216 | 106984 | 53.63 | ng | # | 96 |
| 40) Hexachlorocyclopentadiene | 12.91 | 237 | 97792 | 95.12 | ng | | 99 |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022306.D
Acq On : 11 Jun 2016 3:56
Operator : UM/SJ
Sample : H3448-21MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

**Manual Integrations APPROVED**
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Quant Time: Jun 12 03:01:22 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.18 | 196 | 77867 | 58.19 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 13.26 | 196 | 81455 | 55.10 | ng | | 99 |
| 45) 1,1'-Biphenyl | 13.57 | 154 | 321774 | 55.18 | ng | | 93 |
| 46) 2-Chloronaphthalene | 13.62 | 162 | 248608 | 55.61 | ng | | 96 |
| 47) 2-Nitroaniline | 13.83 | 65 | 63014 | 59.12 | ng | # | 62 |
| 48) Acenaphthylene | 14.47 | 152 | 417506 | 53.23 | ng | | 96 |
| 49) Dimethylphthalate | 14.19 | 163 | 502164 | 78.16 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 14.32 | 165 | 72025 | 51.57 | ng | # | 77 |
| 51) Acenaphthene | 14.80 | 154 | 243461 | 51.81 | ng | | 98 |
| 52) 3-Nitroaniline | 14.65 | 138 | 57657 | 37.22 | ng | # | 85 |
| 53) 2,4-Dinitrophenol | 14.87 | 184 | 59513 | 101.02 | ng | # | 78 |
| 54) Dibenzofuran | 15.14 | 168 | 374840 | 51.11 | ng | | 99 |
| 55) 4-Nitrophenol | 14.98 | 139 | 116499 | 108.97 | ng | # | 72 |
| 56) 2,4-Dinitrotoluene | 15.11 | 165 | 98951 | 52.82 | ng | # | 84 |
| 57) Fluorene | 15.78 | 166 | 318045 | 50.35 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.36 | 232 | 66583m | 50.22 | ng | | |
| 59) Diethylphthalate | 15.54 | 149 | 332568 | 48.46 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.77 | 204 | 141516 | 49.47 | ng | | 95 |
| 61) 4-Nitroaniline | 15.82 | 138 | 77749 | 47.32 | ng | | 83 |
| 62) Azobenzene | 16.06 | 77 | 288135 | 55.44 | ng | | 88 |
| 64) 4,6-Dinitro-2-methylphenol | 15.87 | 198 | 46608 | 53.44 | ng | | 86 |
| 65) n-Nitrosodiphenylamine | 15.99 | 169 | 267178 | 54.62 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 16.66 | 248 | 81279 | 51.09 | ng | | 96 |
| 67) Hexachlorobenzene | 16.79 | 284 | 88485 | 47.72 | ng | | 96 |
| 68) Atrazine | 16.93 | 200 | 87950 | 48.58 | ng | | 96 |
| 69) Pentachlorophenol | 17.14 | 266 | 86873 | 101.36 | ng | | 98 |
| 70) Phenanthrene | 17.53 | 178 | 469370 | 50.90 | ng | | 99 |
| 71) Anthracene | 17.61 | 178 | 457890 | 50.06 | ng | | 99 |
| 72) Carbazole | 17.89 | 167 | 445243 | 51.40 | ng | | 98 |
| 73) Di-n-butylphthalate | 18.42 | 149 | 574168 | 50.70 | ng | | 99 |
| 74) Fluoranthene | 19.53 | 202 | 514293 | 48.51 | ng | | 98 |
| 76) Benzidine | 19.71 | 184 | 78543 | 19.69 | ng | | 99 |
| 77) Pyrene | 19.89 | 202 | 509582 | 53.74 | ng | | 99 |
| 79) Butylbenzylphthalate | 20.75 | 149 | 257891 | 58.64 | ng | | 94 |
| 80) Benzo(a)anthracene | 21.73 | 228 | 448709 | 52.46 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 21.65 | 252 | 84139 | 35.04 | ng | | 99 |
| 82) Chrysene | 21.80 | 228 | 426718 | 51.27 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.61 | 149 | 371535 | 57.45 | ng | # | 96 |
| 84) Di-n-octyl phthalate | 22.84 | 149 | 619451 | 57.69 | ng | # | 87 |
| 85) Indeno(1,2,3-cd)pyrene | 28.82 | 276 | 466574 | 49.97 | ng | # | 83 |
| 87) Benzo(b)fluoranthene | 24.00 | 252 | 426157 | 52.32 | ng | # | 97 |
| 88) Benzo(k)fluoranthene | 24.07 | 252 | 420741 | 52.47 | ng | # | 96 |
| 89) Benzo(a)pyrene | 24.89 | 252 | 413038 | 53.03 | ng | # | 95 |
| 90) Dibenzo(a,h)anthracene | 28.88 | 278 | 386924 | 52.75 | ng | # | 94 |
| 91) Benzo(g,h,i)perylene | 30.00 | 276 | 386188 | 50.61 | ng | # | 94 |

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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022306.D
Acq On : 11 Jun 2016 3:56
Operator : UM/SJ
Sample : H3448-21MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 12 03:01:22 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

**Manual Integrations APPROVED**
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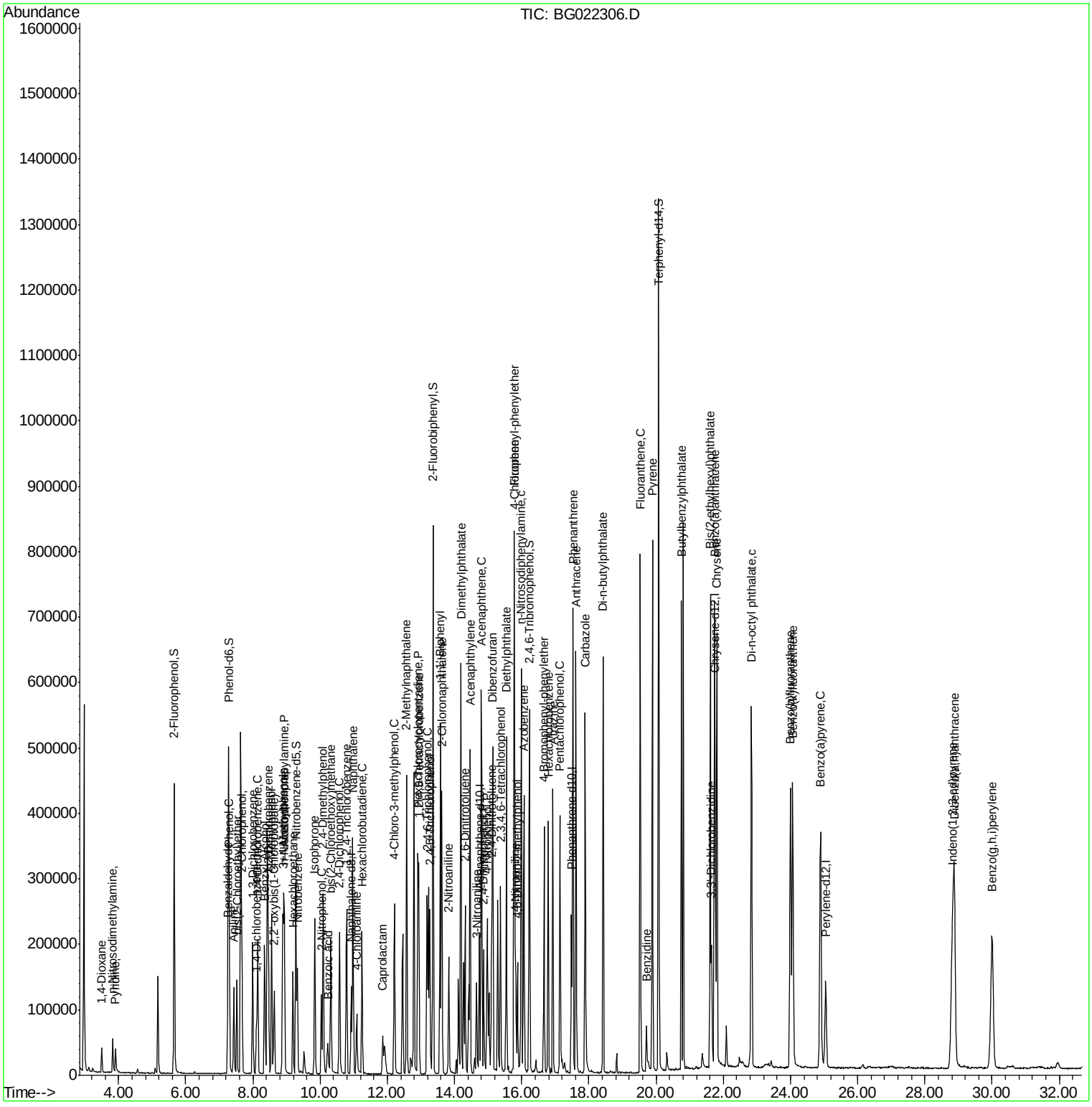
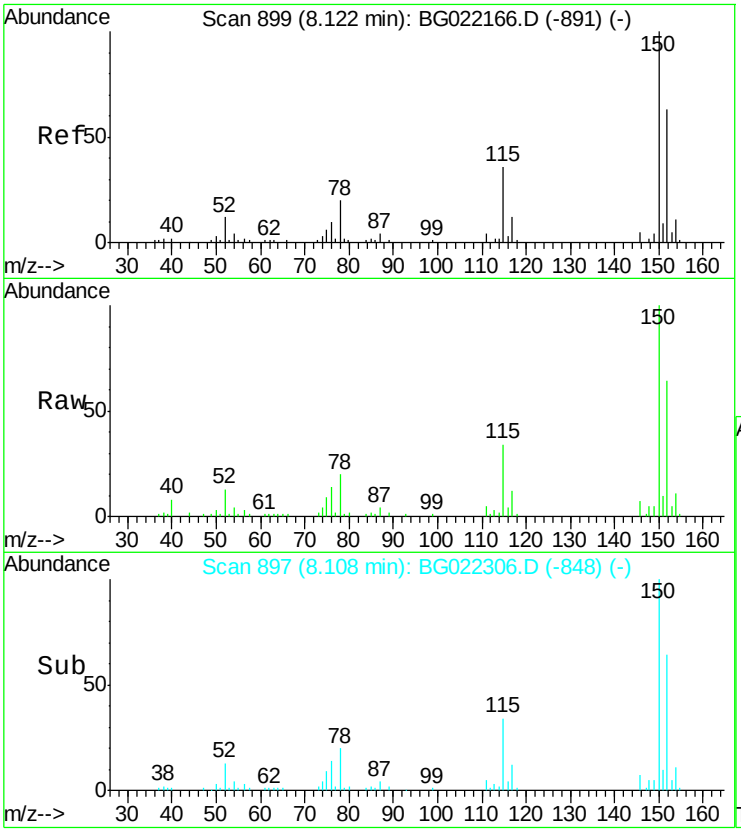
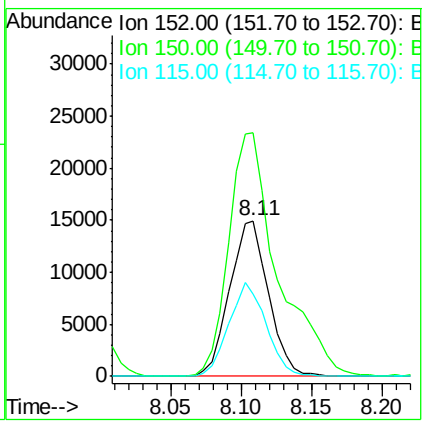





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:152 Resp: 28636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.5 | 130.1 | 195.1 |
| 115 | 52.9 | 62.2 | 93.2# |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

**Manual Integrations APPROVED**
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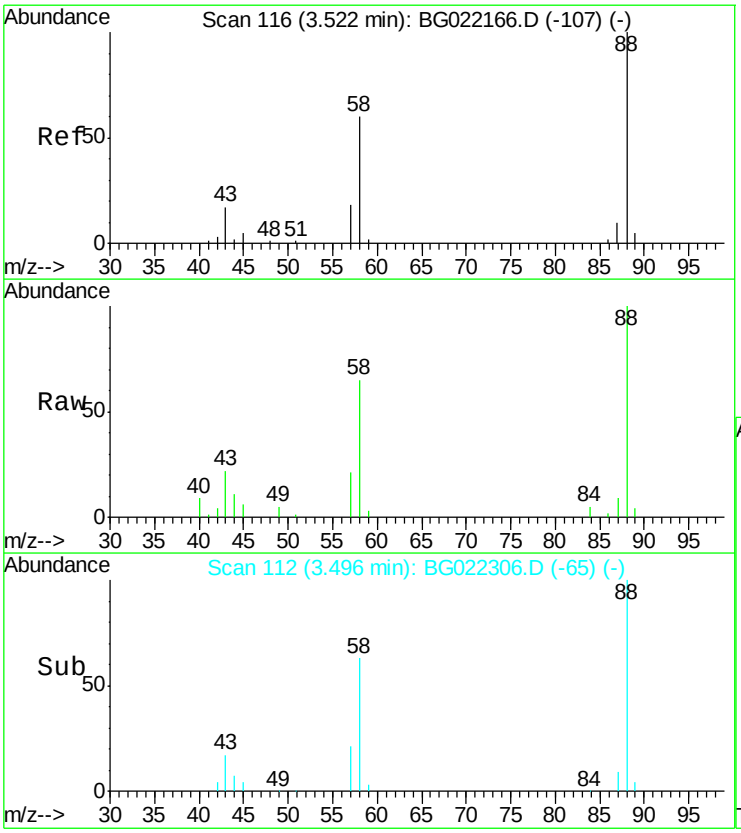
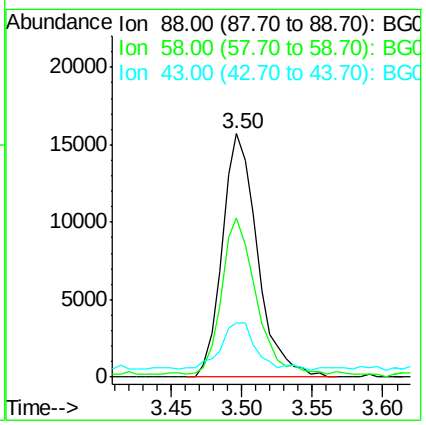
6/13/2016 7:32:05 PM

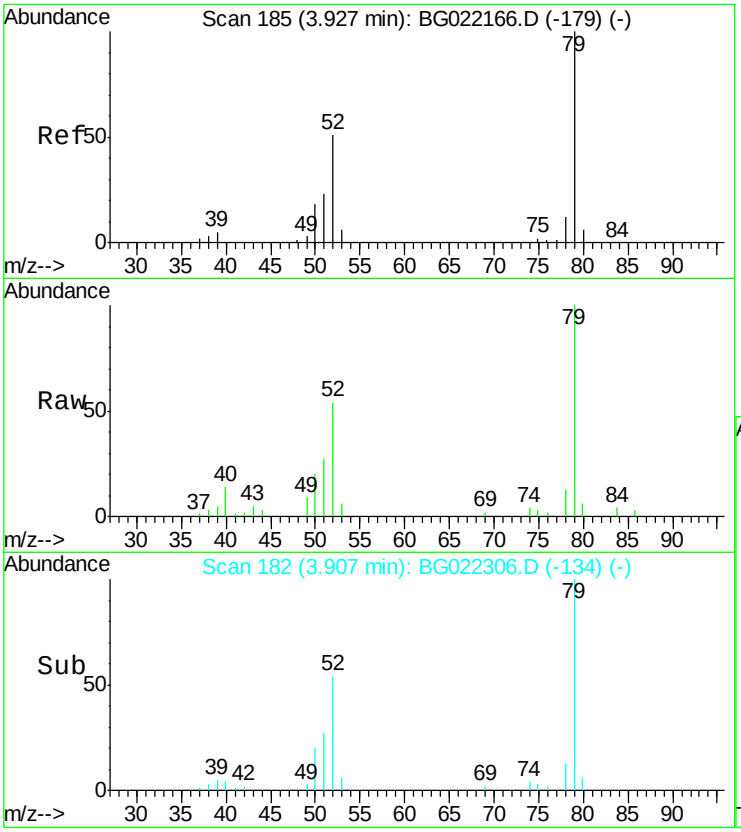



#2
1,4-Dioxane
Concen: 38.30 ng
RT: 3.50 min Scan# 112
Delta R.T. -0.02 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion: 88 Resp: 27200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 63.1 | 36.8 | 55.2# |
| 43 | 21.0 | 10.4 | 15.6# |

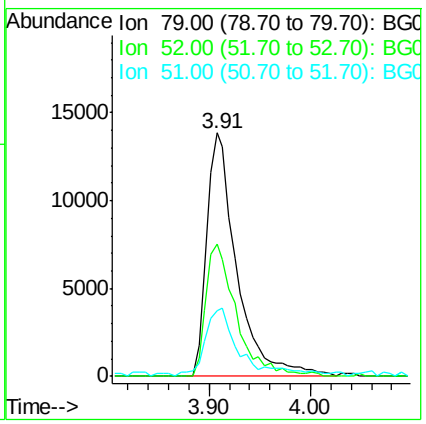





#3
Pyridine
Concen: 14.79 ng
RT: 3.91 min Scan# 182
Delta R.T. -0.02 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion: 79 Resp: 28388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 54.1 | 41.6 | 62.4 |
| 51 | 27.2 | 19.2 | 28.8 |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

**Manual Integrations APPROVED**
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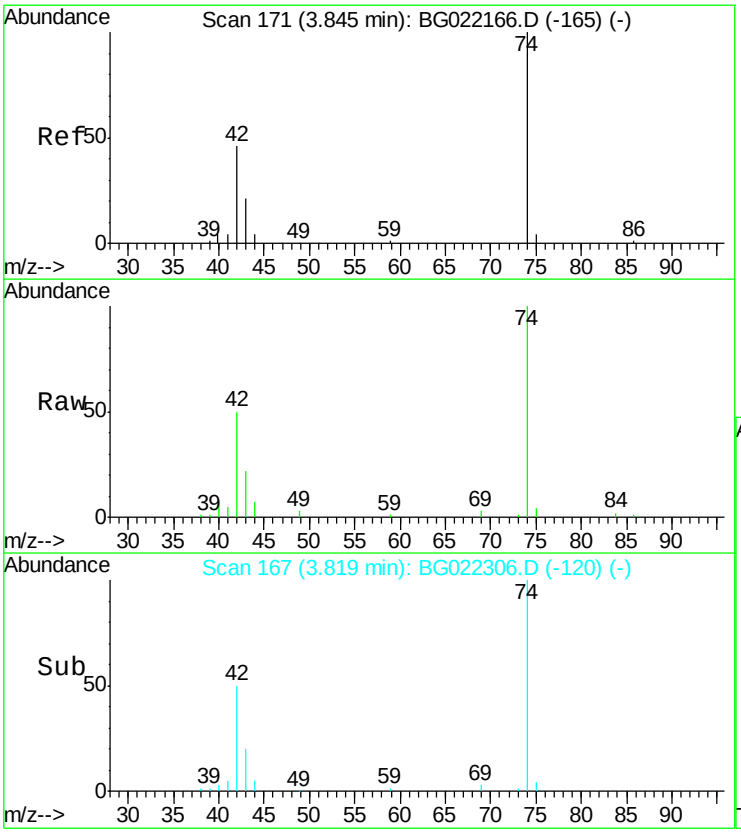
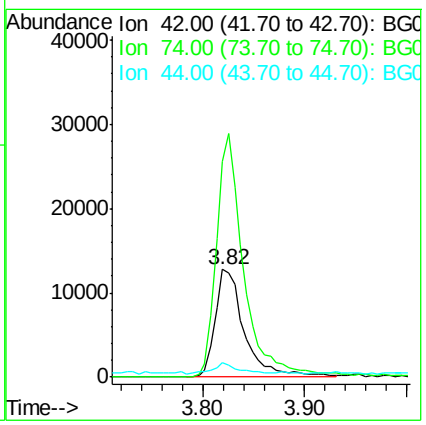
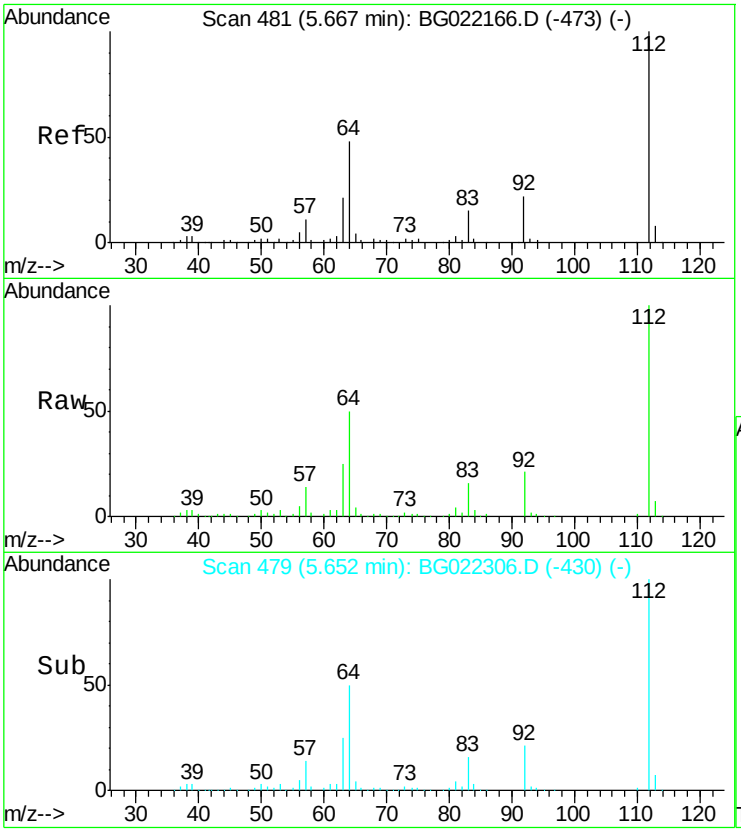



#4
n-Nitrosodimethylamine
Concen: 59.89 ng
RT: 3.82 min Scan# 167
Delta R.T. -0.03 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion: 42 Resp: 25700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 200.5 | 184.0 | 276.0 |
| 44 | 13.1 | 11.0 | 16.6 |






#5
2-Fluorophenol
Concen: 190.55 ng
RT: 5.65 min Scan# 479
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:112 Resp: 282222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 49.6 | 51.1 | 76.7# |
| 63 | 24.6 | 24.6 | 37.0# |

**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

**Manual Integrations APPROVED**
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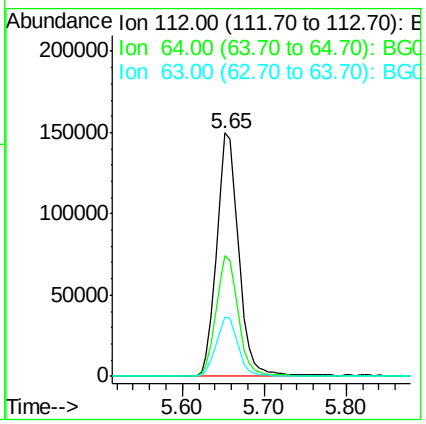
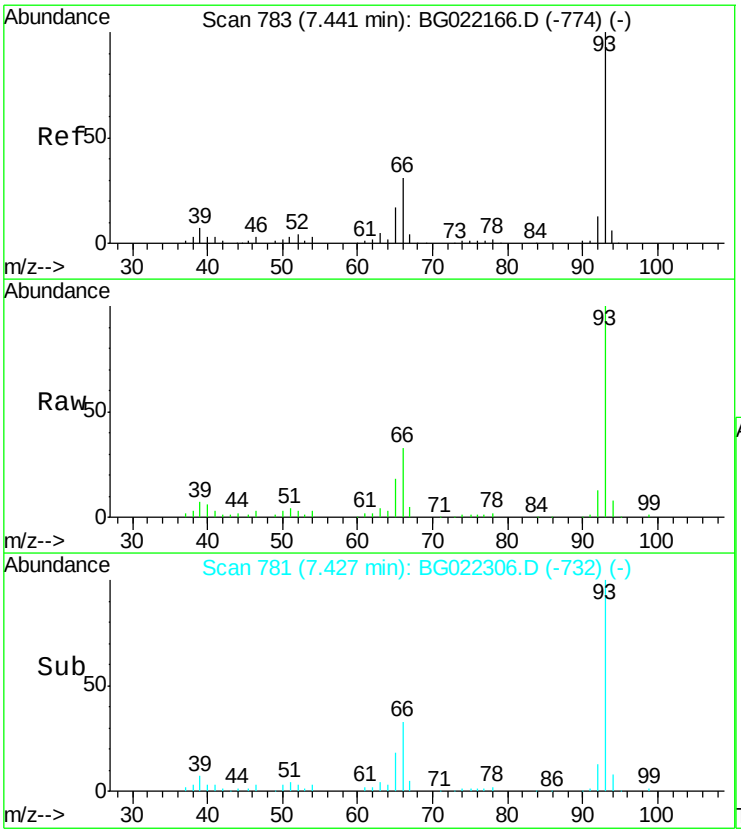
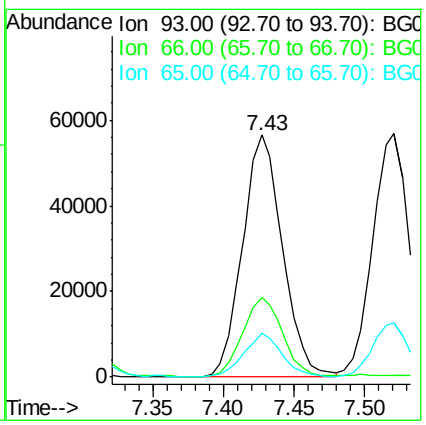


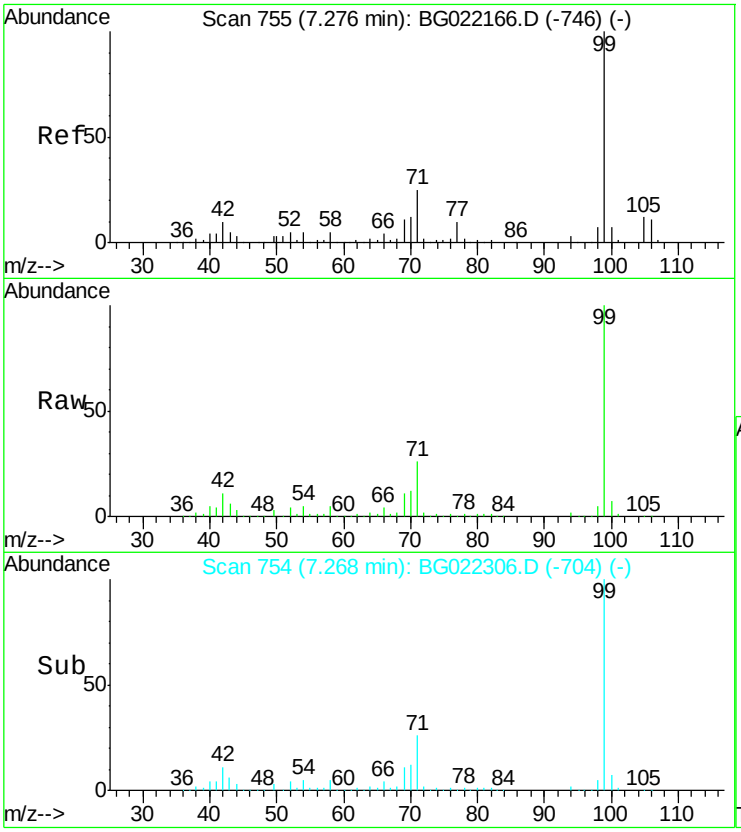




#6
Aniline
Concen: 38.04 ng
RT: 7.43 min Scan# 781
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion: 93 Resp: 112532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 33.0 | 36.3 | 54.5# |
| 65 | 18.1 | 18.4 | 27.6# |






#7
Phenol-d6
Concen: 174.83 ng
RT: 7.27 min Scan# 754
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion: 99 Resp: 407130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 11.1 | 16.4 | 24.6# |
| 71 | 26.1 | 25.0 | 37.4 |

**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

**Manual Integrations APPROVED**
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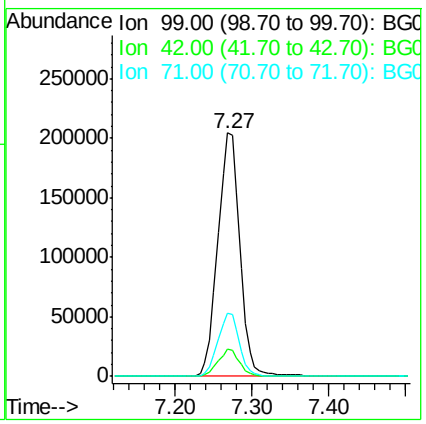
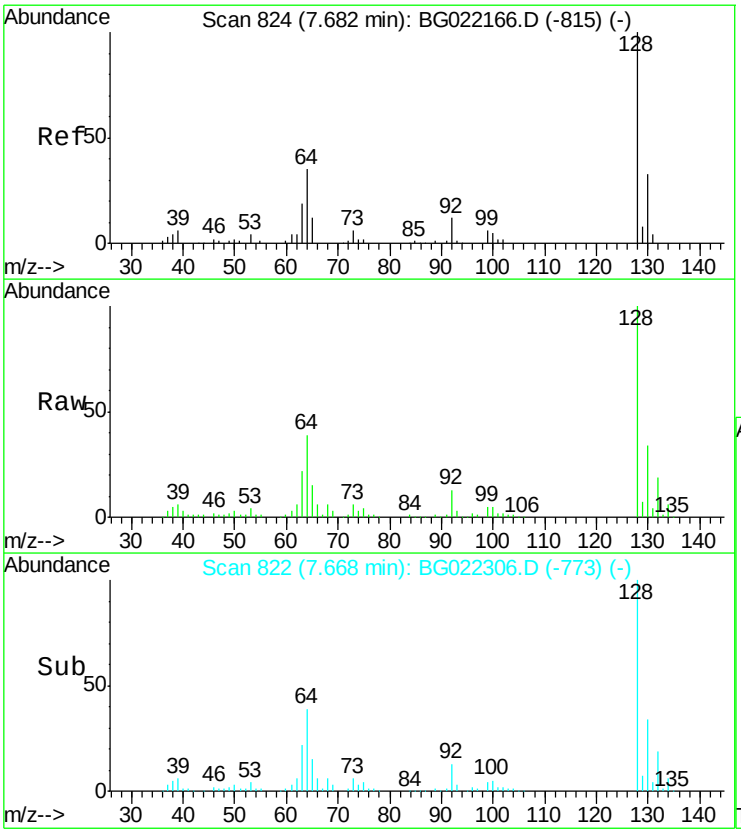
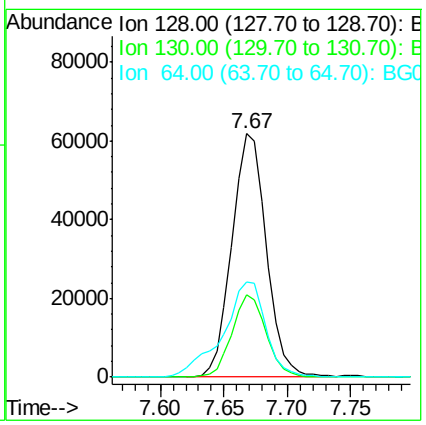


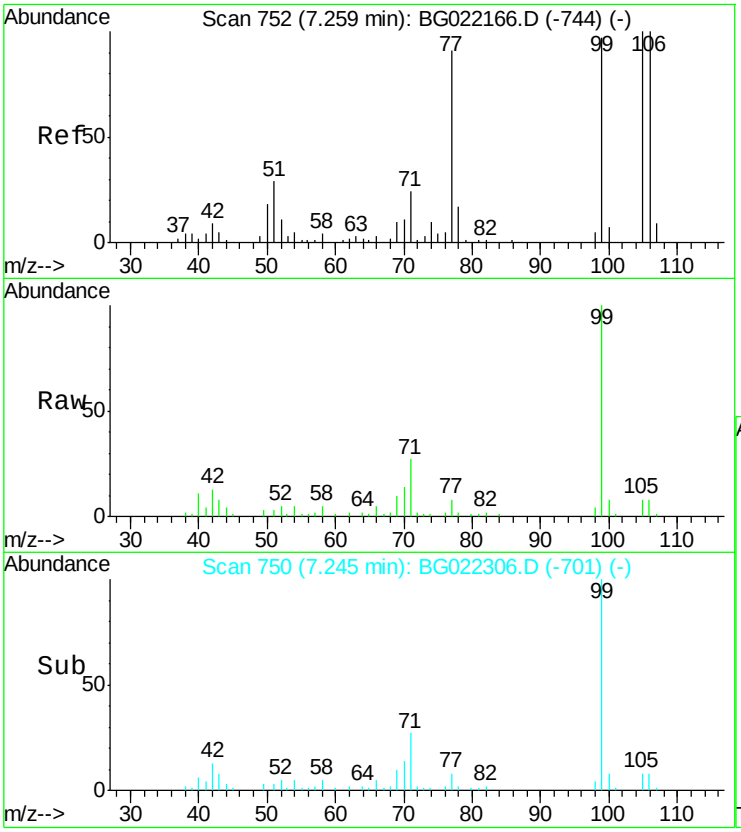




#8
2-Chlorophenol
Concen: 57.00 ng
RT: 7.67 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:128 Resp: 116677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.8 | 11.2 | 51.2 |
| 64 | 39.1 | 39.8 | 79.8# |

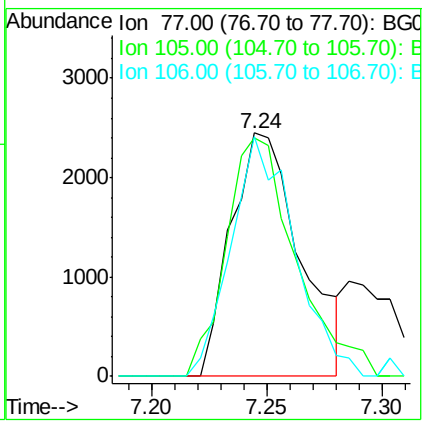





#9
Benzaldehyde
Concen: 3.99 ng
RT: 7.24 min Scan# 750
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion: 77 Resp: 5120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 97.8 | 62.1 | 102.1 |
| 106 | 98.4 | 65.6 | 105.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

**Manual Integrations APPROVED**
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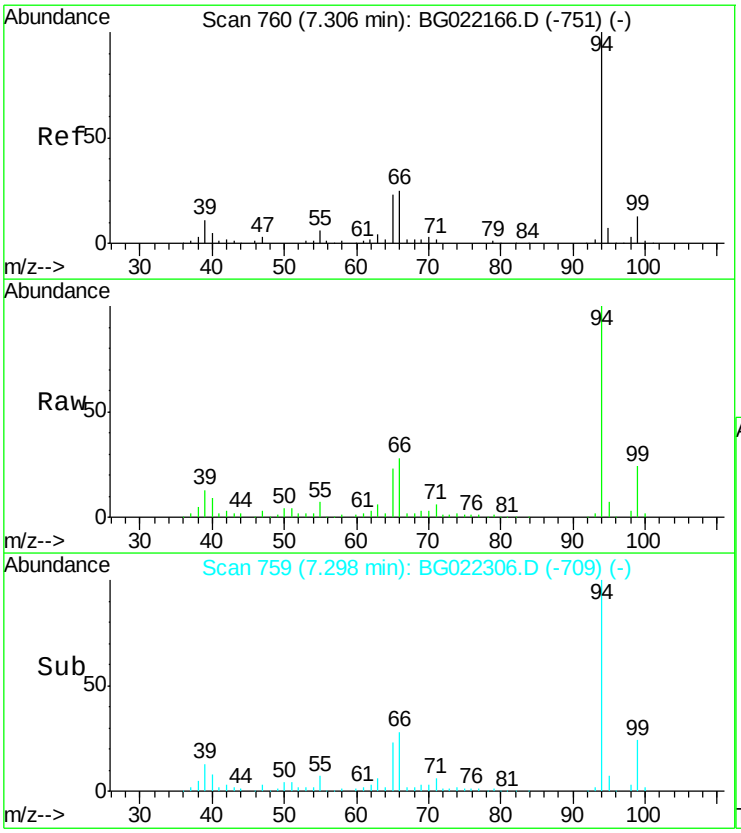
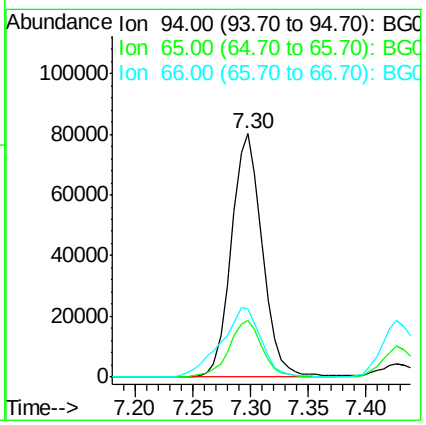
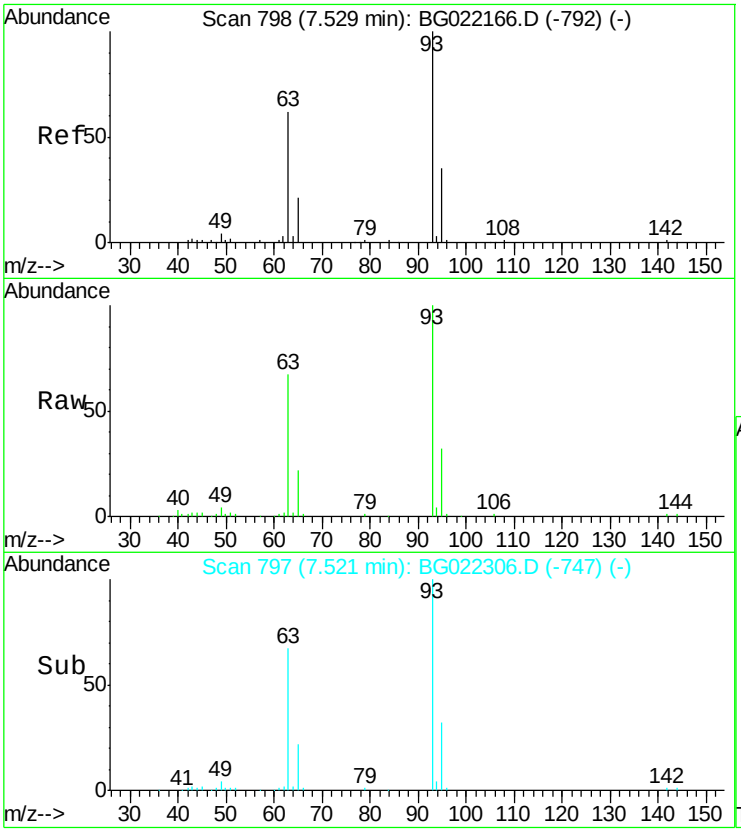



#10
Phenol
Concen: 61.94 ng
RT: 7.30 min Scan# 759
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion: 94 Resp: 148702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 23.4 | 9.8 | 49.8 |
| 66 | 27.9 | 20.8 | 60.8 |

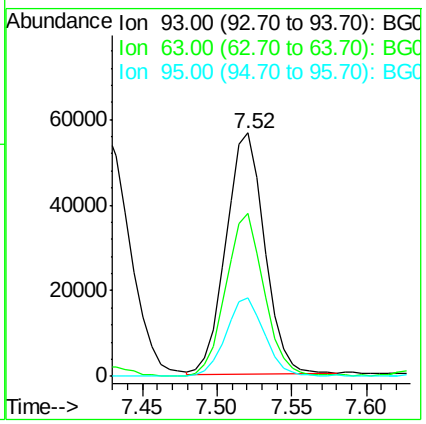





#11
bis(2-Chloroethyl)ether
Concen: 53.03 ng
RT: 7.52 min Scan# 797
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion: 93 Resp: 101509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 66.9 | 74.9 | 114.9# |
| 95 | 32.4 | 8.3 | 48.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

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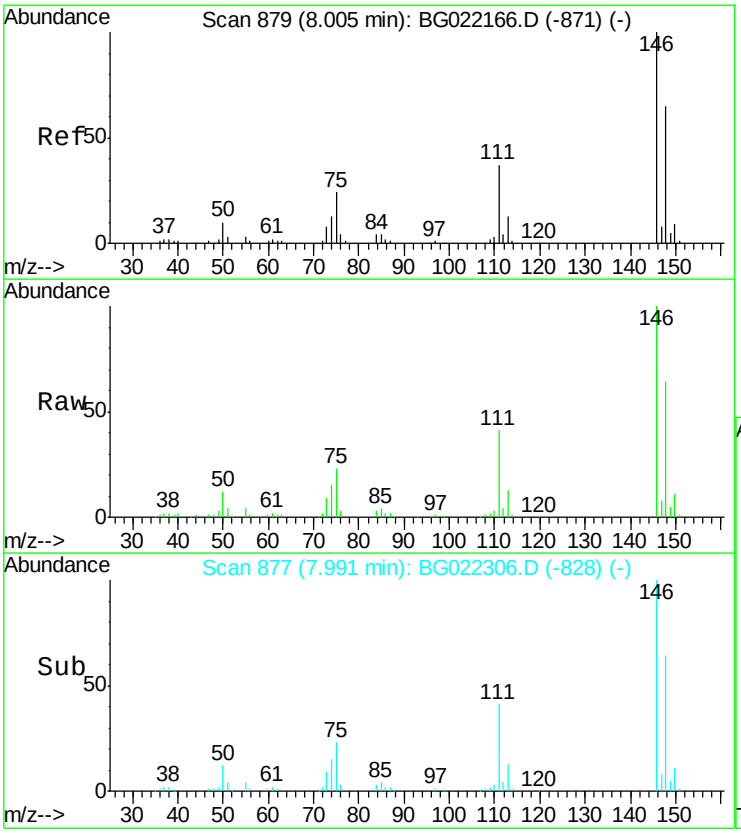
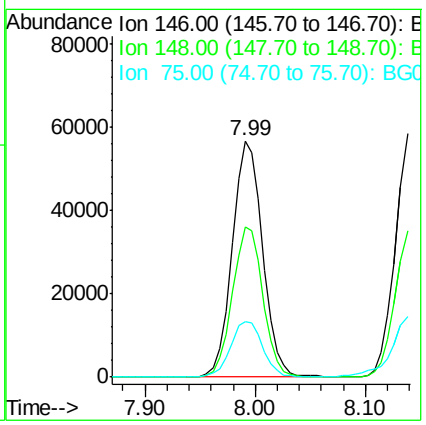
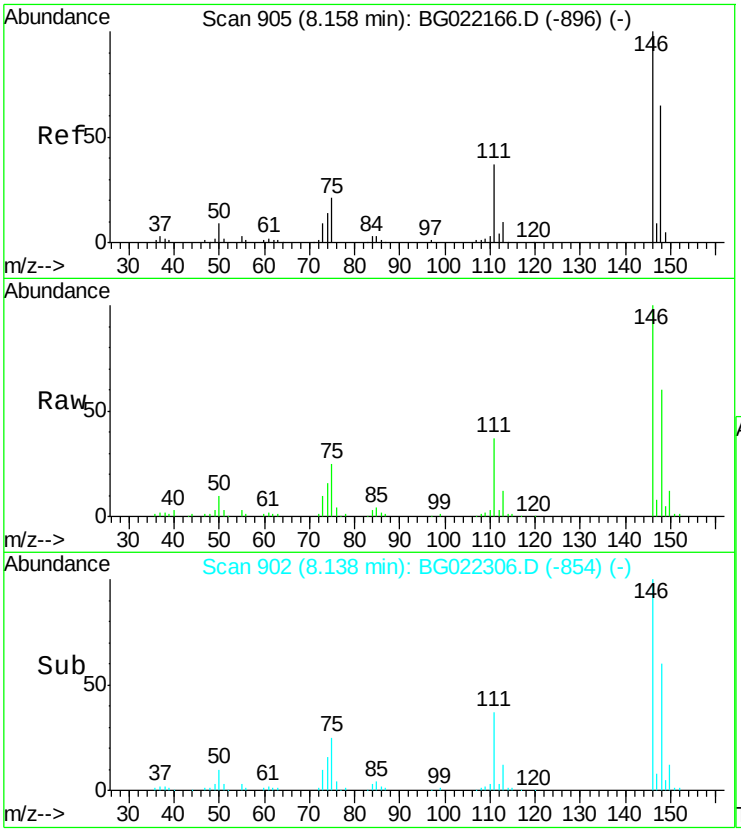



#12
1,3-Dichlorobenzene
Concen: 49.81 ng
RT: 7.99 min Scan# 877
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:146 Resp: 109310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.6 | 53.7 | 80.5 |
| 75 | 23.4 | 27.4 | 41.0# |

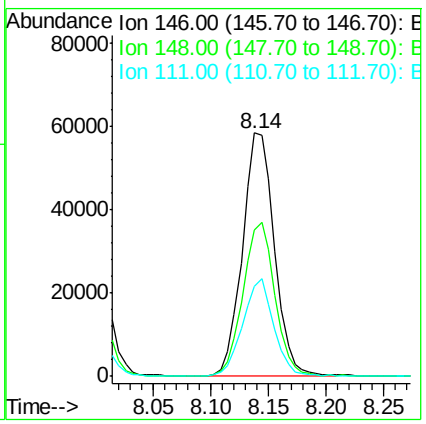





#13
1,4-Dichlorobenzene
Concen: 51.63 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.02 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:146 Resp: 112890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 60.0 | 46.7 | 70.1 |
| 111 | 37.1 | 33.0 | 49.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

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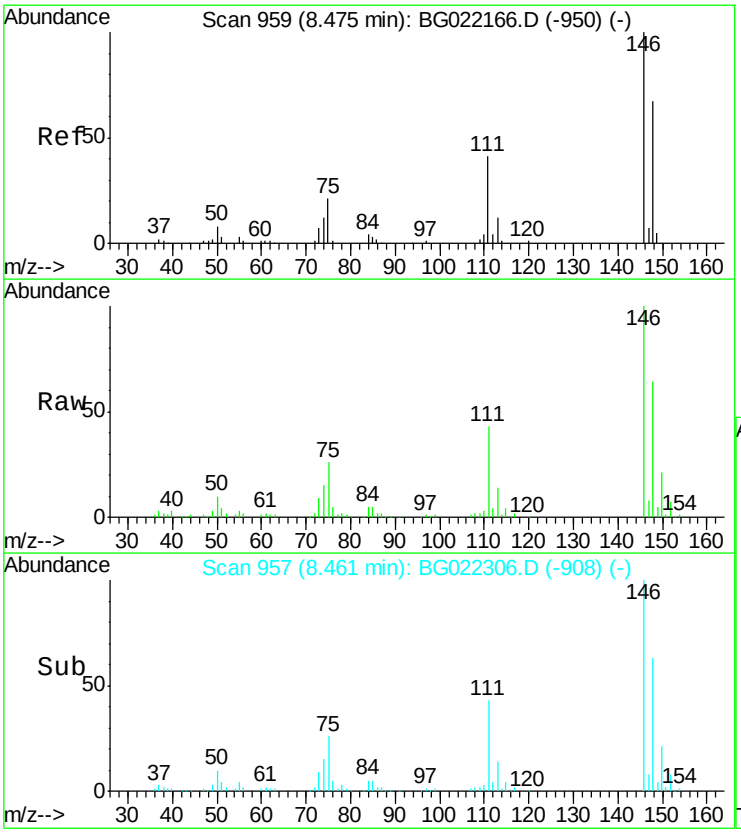
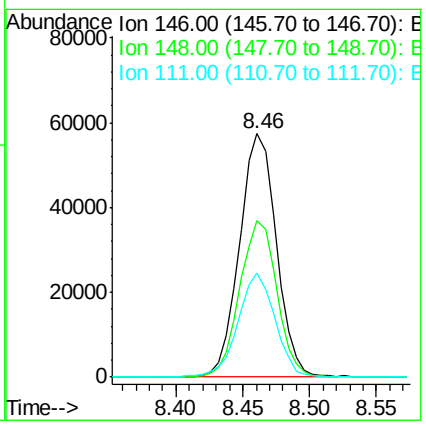
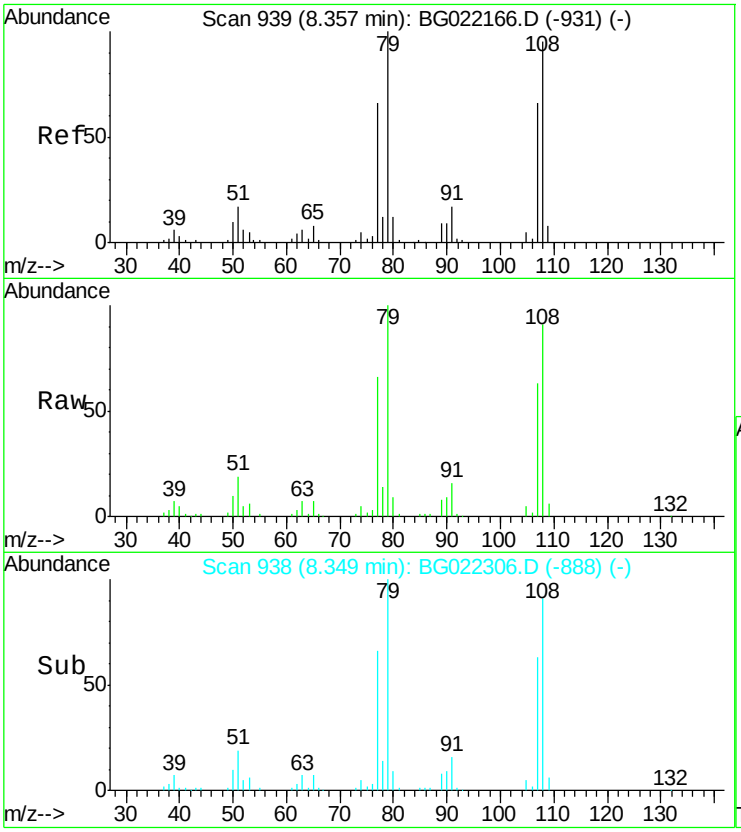



#14
1,2-Dichlorobenzene
Concen: 49.81 ng
RT: 8.46 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:146 Resp: 109771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.1 | 52.6 | 79.0 |
| 111 | 42.9 | 36.1 | 54.1 |






#15
Benzyl Alcohol
Concen: 55.95 ng
RT: 8.35 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion: 79 Resp: 84185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 90.6 | 59.4 | 89.0# |
| 77 | 65.9 | 52.2 | 78.2 |

**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

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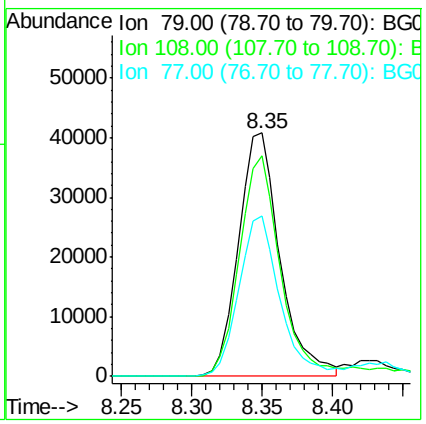
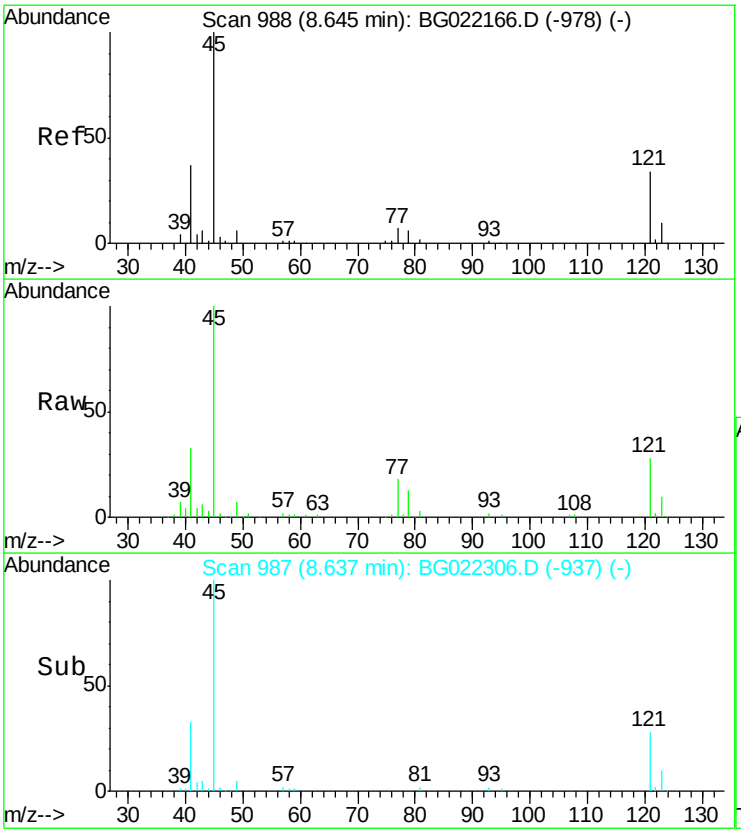
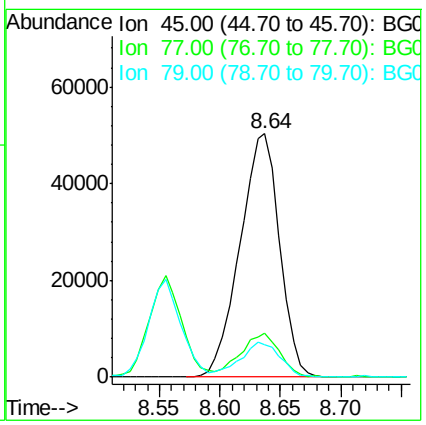


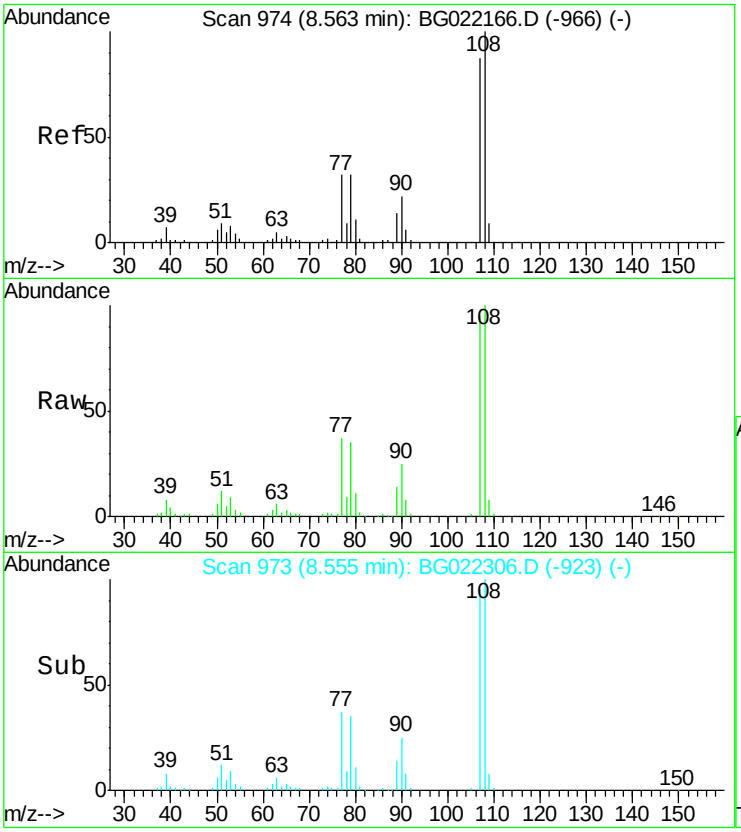




#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.68 ng
RT: 8.64 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion: 45 Resp: 114548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 17.9 | 0.0 | 31.2 |
| 79 | 13.3 | 0.0 | 29.0 |

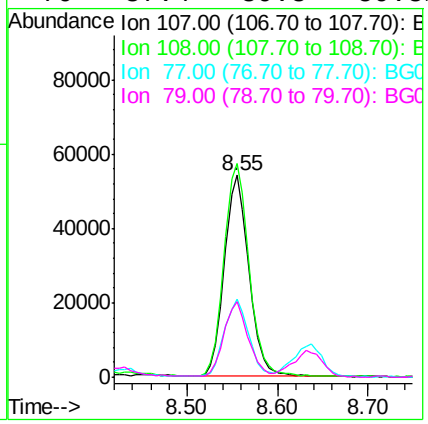





#17
2-Methylphenol
Concen: 56.98 ng
RT: 8.55 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:107 Resp: 102086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 105.7 | 80.2 | 120.4 |
| 77 | 38.6 | 40.7 | 61.1# |
| 79 | 37.4 | 39.8 | 59.8# |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

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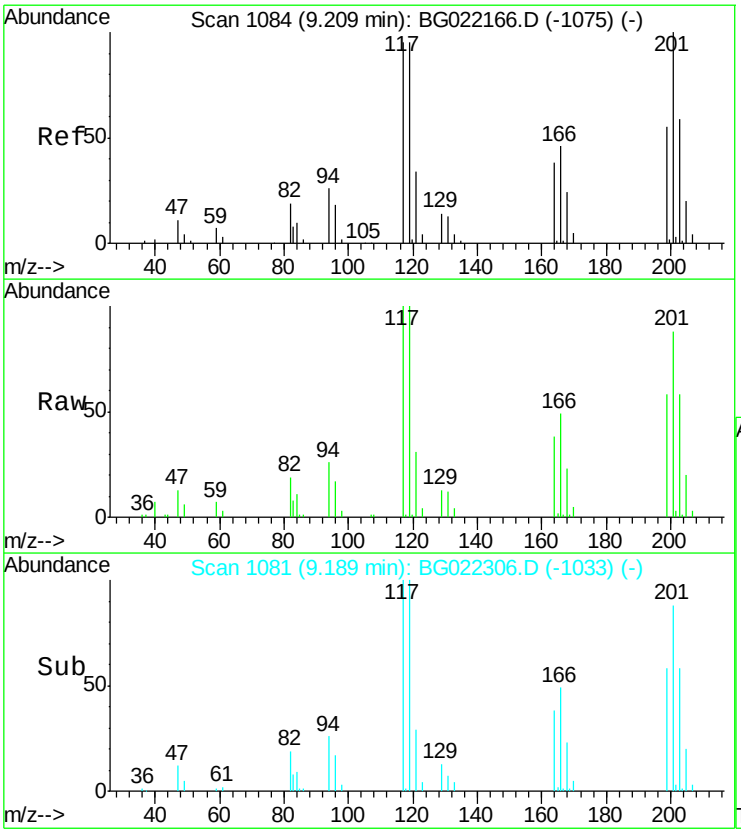
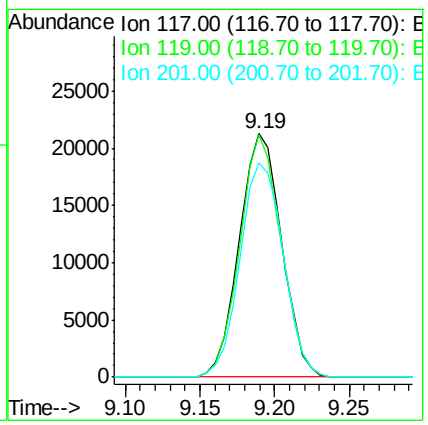
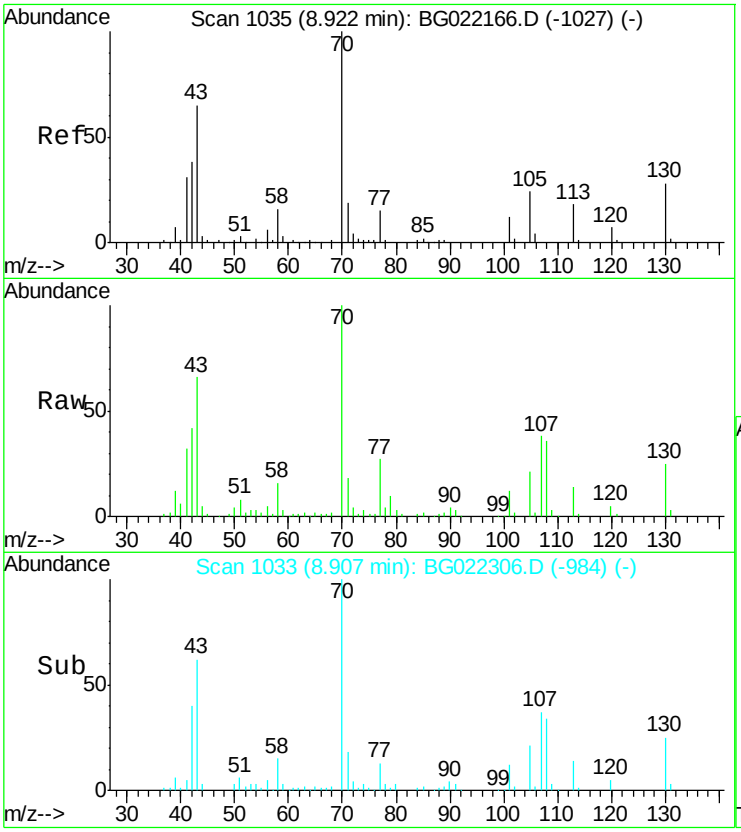



#18
Hexachloroethane
Concen: 52.28 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.02 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:117 Resp: 41734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 99.8 | 63.9 | 95.9# |
| 201 | 91.2 | 61.2 | 91.8 |

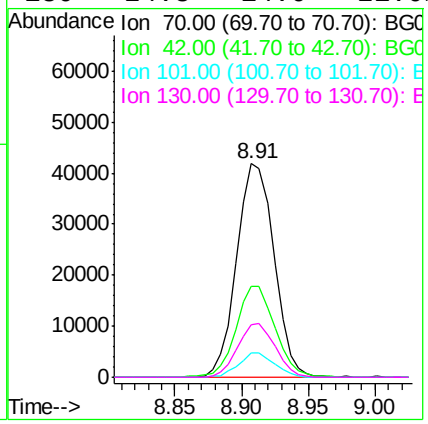





#19
n-Nitroso-di-n-propylamine
Concen: 51.58 ng
RT: 8.91 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion: 70 Resp: 81303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 42.3 | 56.7 | 85.1# |
| 101 | 11.5 | 8.2 | 12.4 |
| 130 | 24.8 | 14.0 | 21.0# |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

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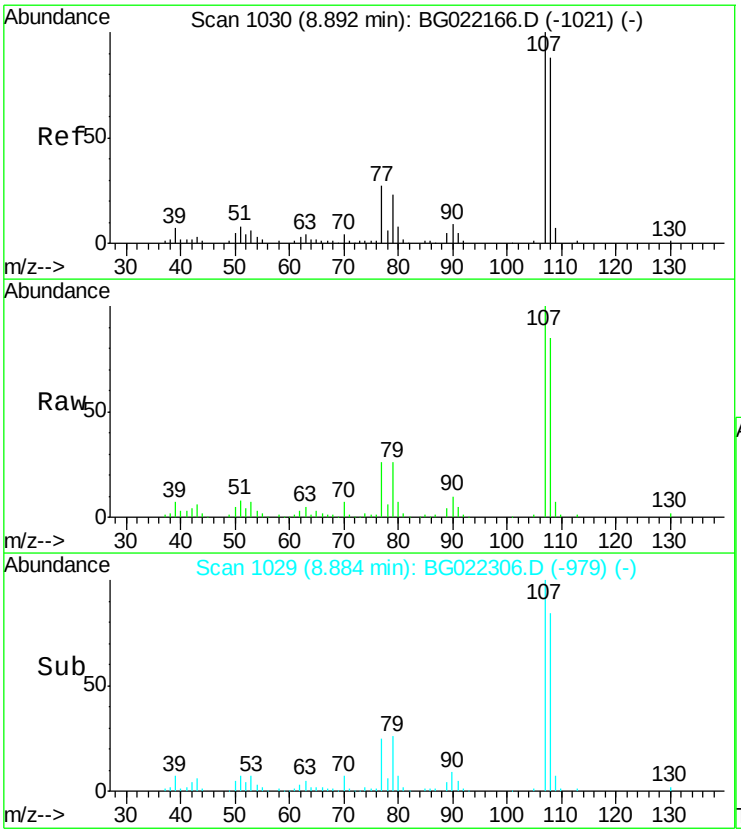
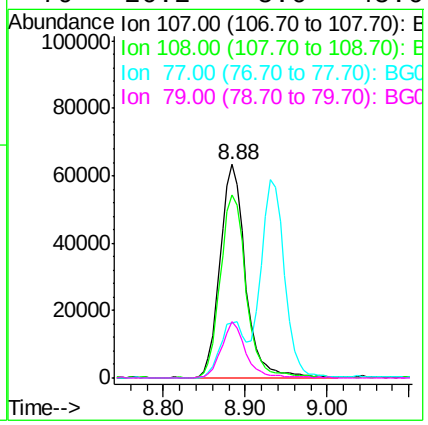
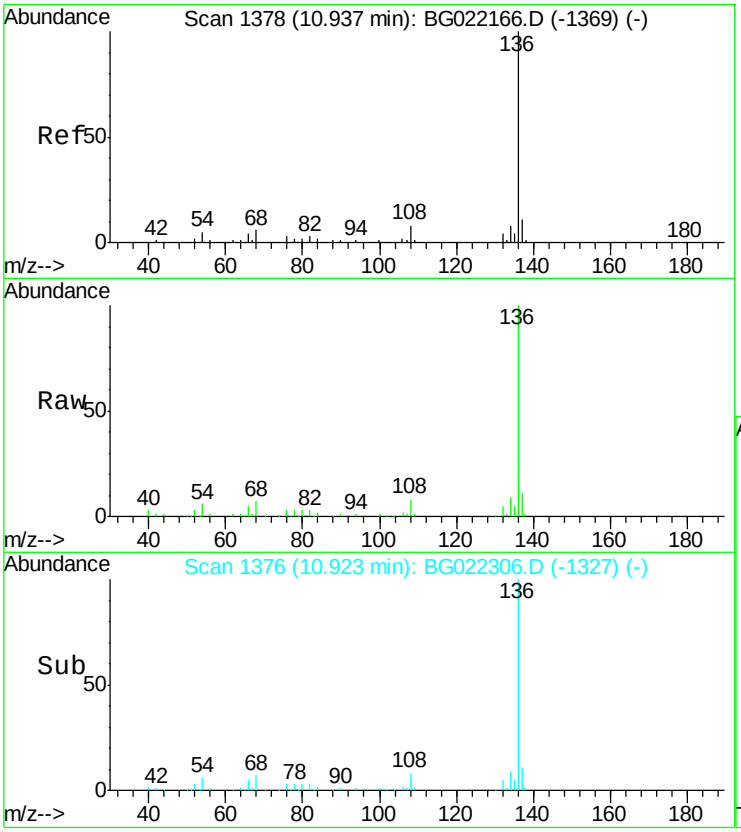



#20
3+4-Methylphenols
Concen: 53.63 ng
RT: 8.88 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:107 Resp: 137812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 85.5 | 66.2 | 106.2 |
| 77 | 25.8 | 11.5 | 51.5 |
| 79 | 26.2 | 5.6 | 45.6 |

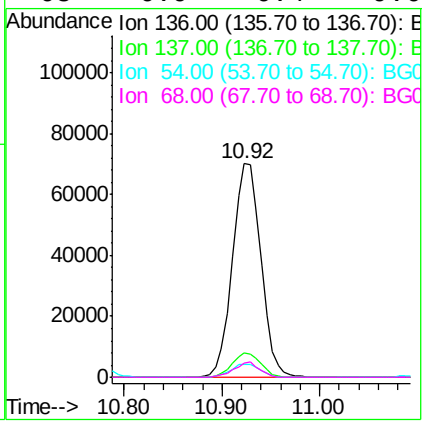





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:136 Resp: 142295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 9.0 | 13.4 |
| 54 | 6.1 | 9.6 | 14.4# |
| 68 | 6.9 | 6.4 | 9.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

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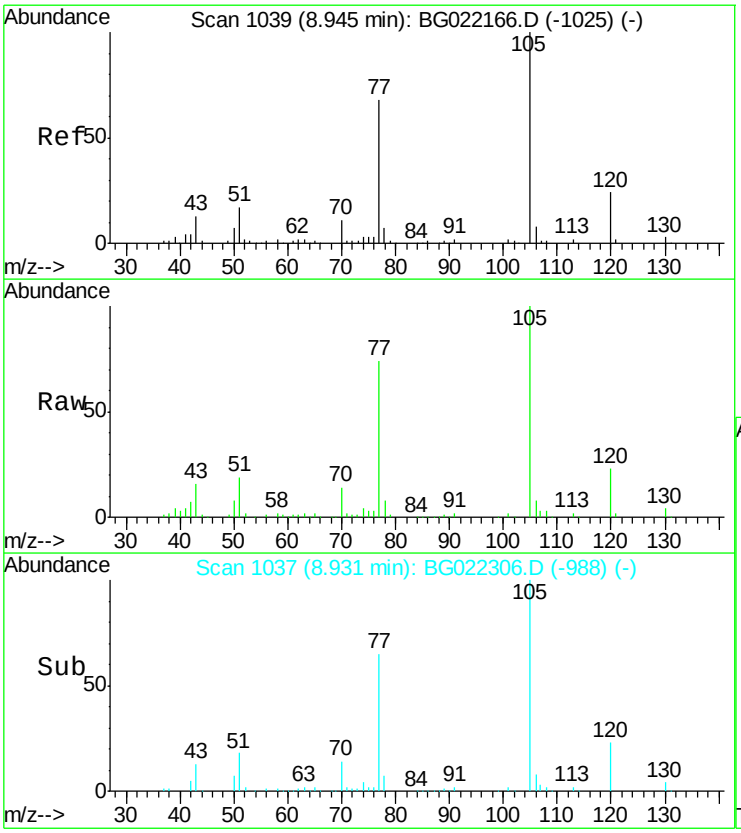
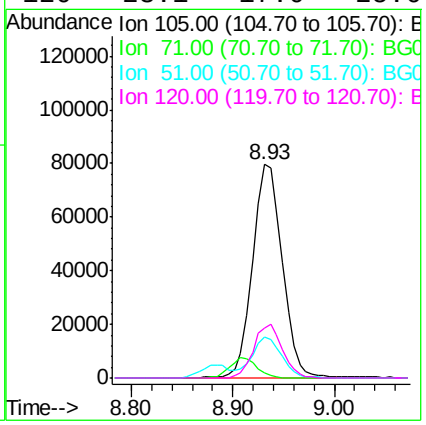
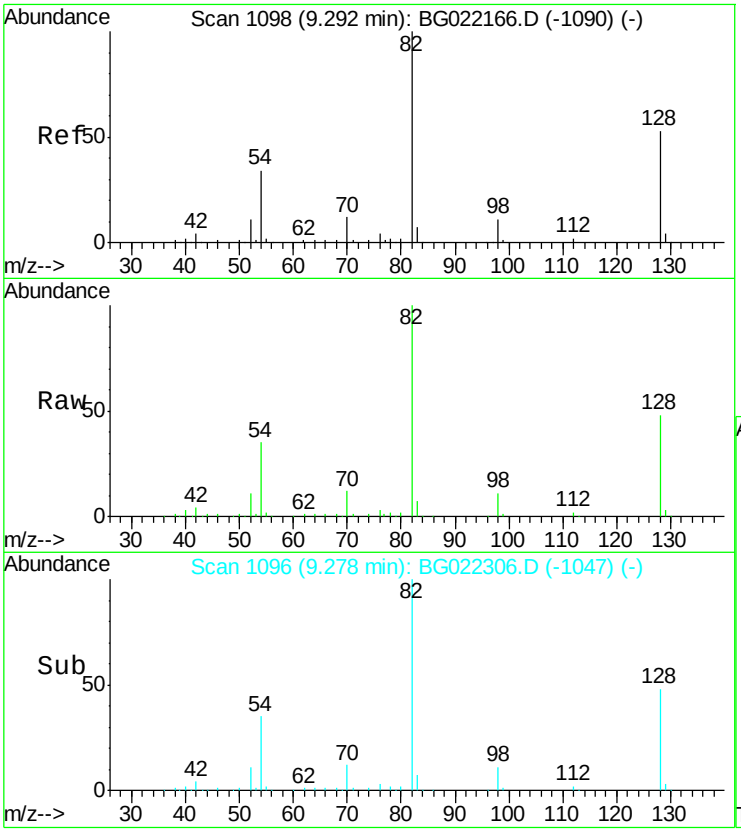



#22
Acetophenone
Concen: 52.76 ng
RT: 8.93 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:105 Resp: 161778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 2.5 | 0.0 | 0.0# |
| 51 | 19.0 | 25.7 | 38.5# |
| 120 | 23.1 | 17.0 | 25.6 |

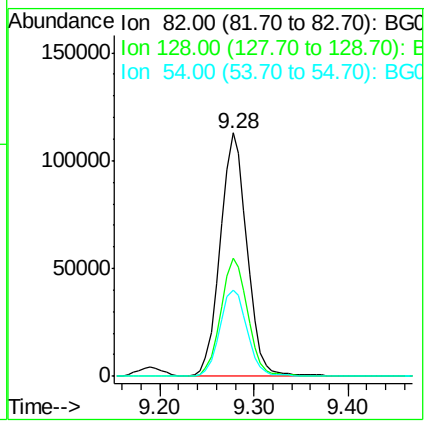





#23
Nitrobenzene-d5
Concen: 109.28 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion: 82 Resp: 223042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 48.5 | 33.4 | 50.0 |
| 54 | 35.2 | 46.1 | 69.1# |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

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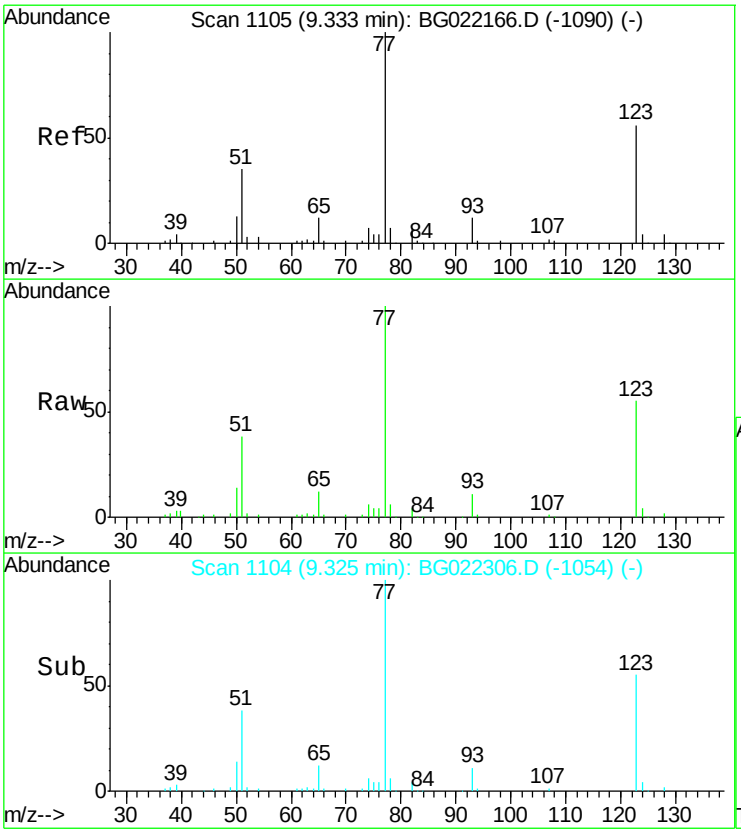
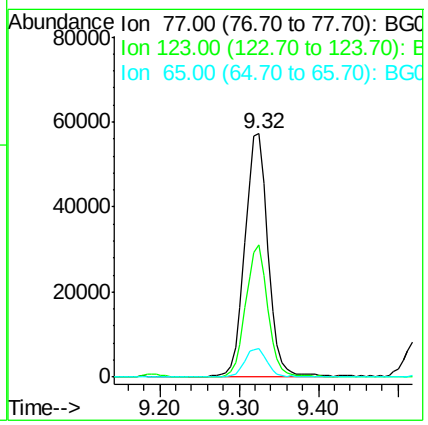
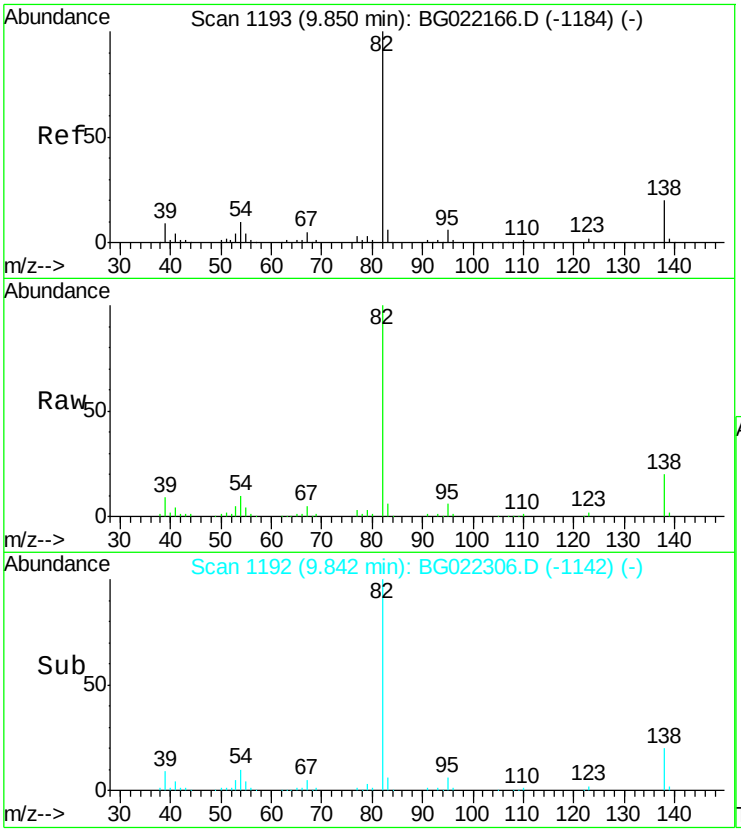



#24
Nitrobenzene
Concen: 56.99 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion: 77 Resp: 116973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 54.6 | 32.2 | 48.4# |
| 65 | 11.5 | 10.3 | 15.5 |

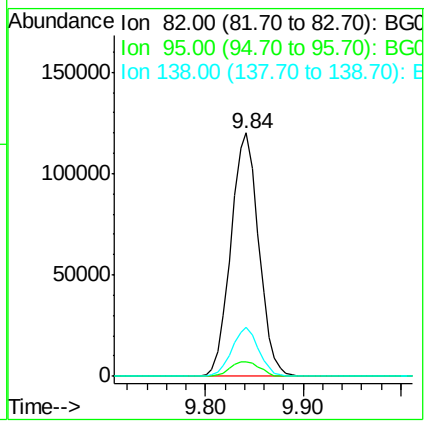





#25
Isophorone
Concen: 49.84 ng
RT: 9.84 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion: 82 Resp: 237975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.1 | 6.0 | 9.0 |
| 138 | 20.0 | 13.4 | 20.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

**Manual Integrations APPROVED**
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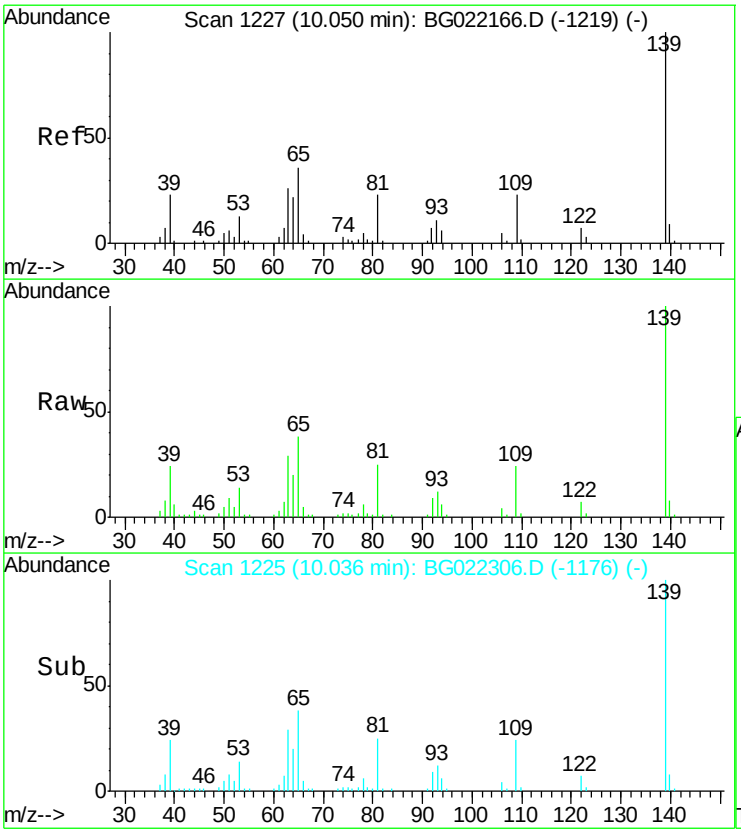
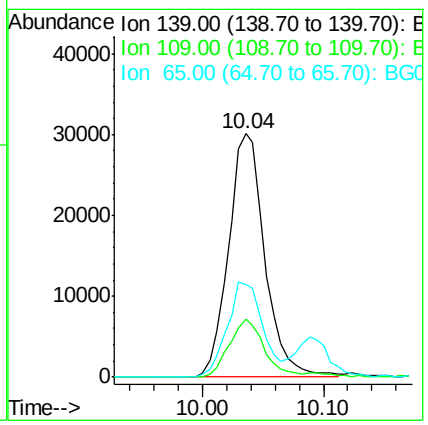
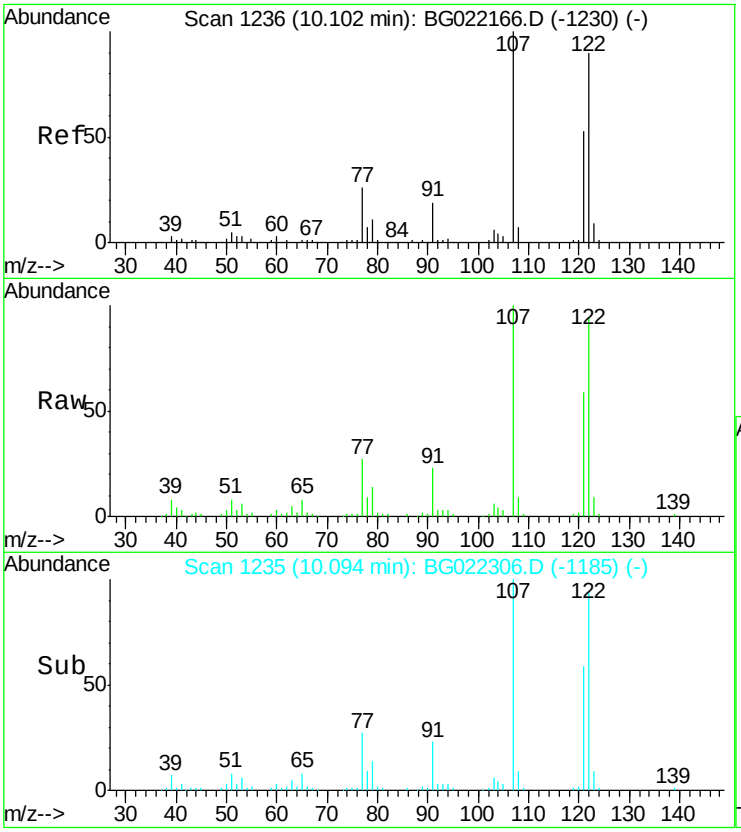



#26
2-Nitrophenol
Concen: 56.42 ng
RT: 10.04 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:139 Resp: 62796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 24.0 | 26.6 | 40.0# |
| 65 | 37.8 | 45.3 | 67.9# |

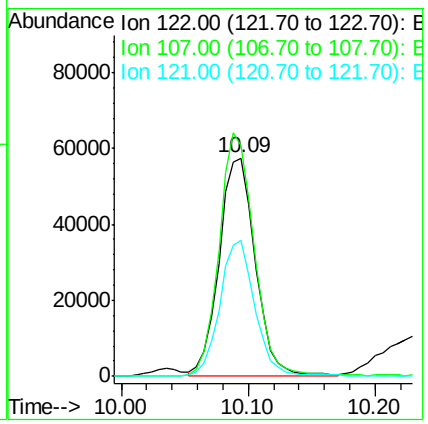





#27
2,4-Dimethylphenol
Concen: 55.99 ng
RT: 10.09 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:122 Resp: 112798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 105.9 | 97.2 | 145.8 |
| 121 | 62.7 | 49.0 | 73.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

**Manual Integrations APPROVED**
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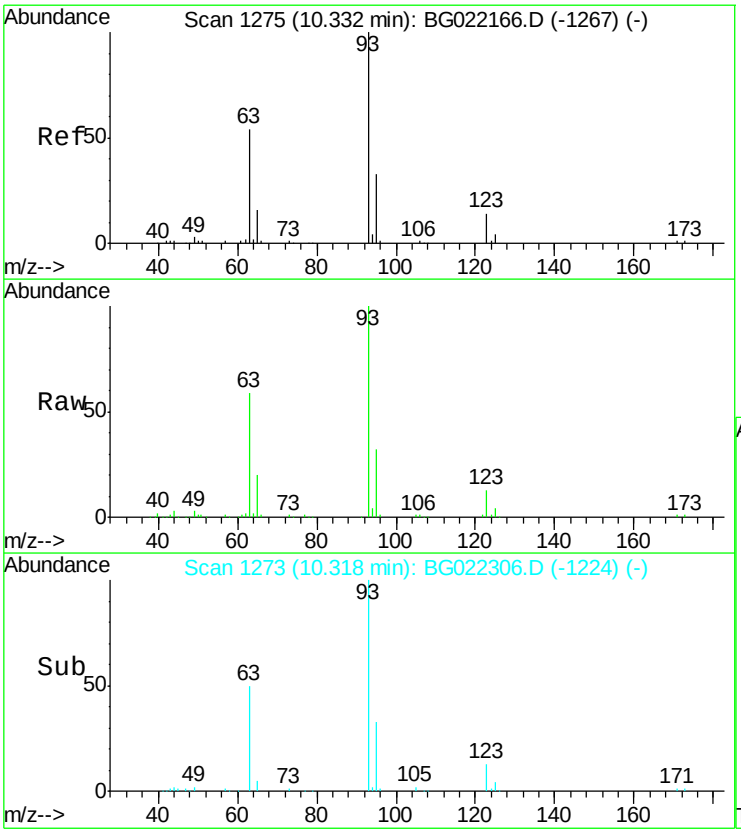
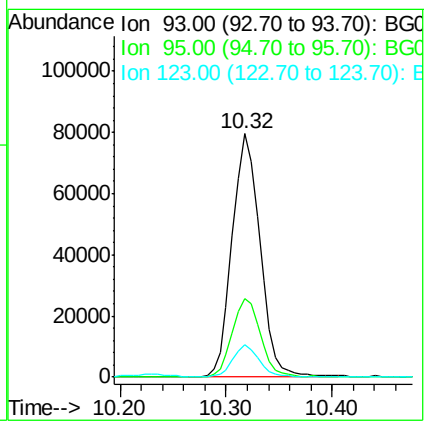
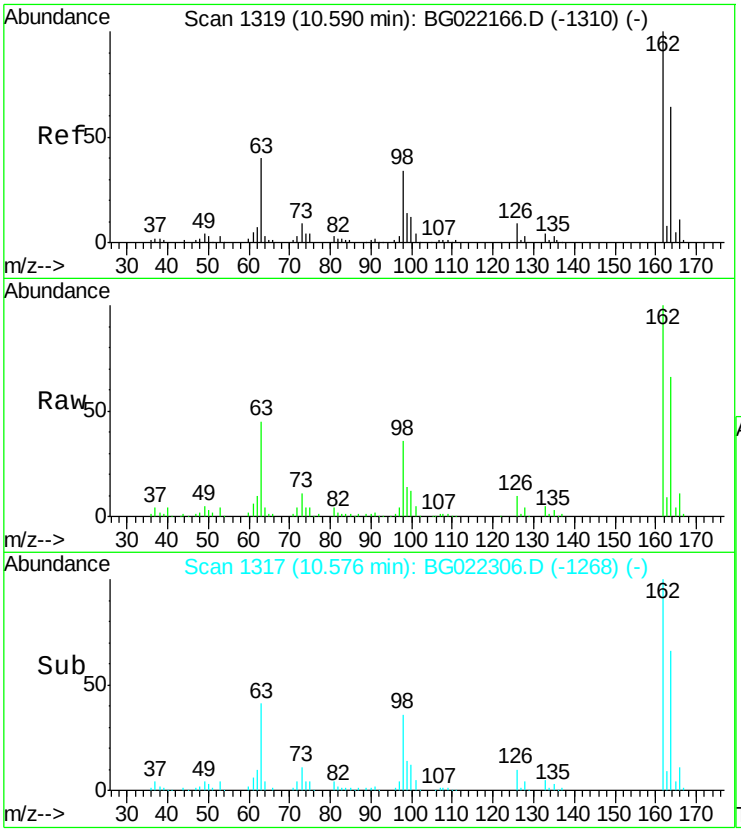



#28
bis(2-Chloroethoxy)methane
Concen: 53.14 ng
RT: 10.32 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion: 93 Resp: 145368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.1 | 30.1 | 45.1 |
| 123 | 13.4 | 10.2 | 15.4 |

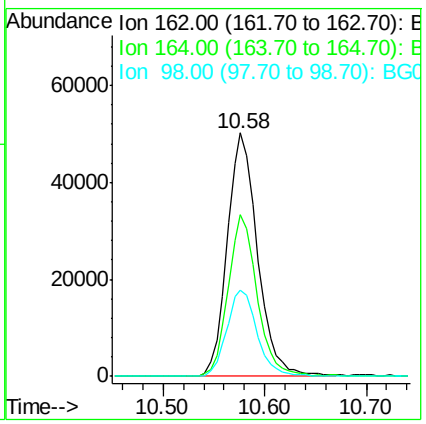





#29
2,4-Dichlorophenol
Concen: 55.49 ng
RT: 10.58 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:162 Resp: 103563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 66.5 | 44.9 | 84.9 |
| 98 | 35.6 | 19.2 | 59.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

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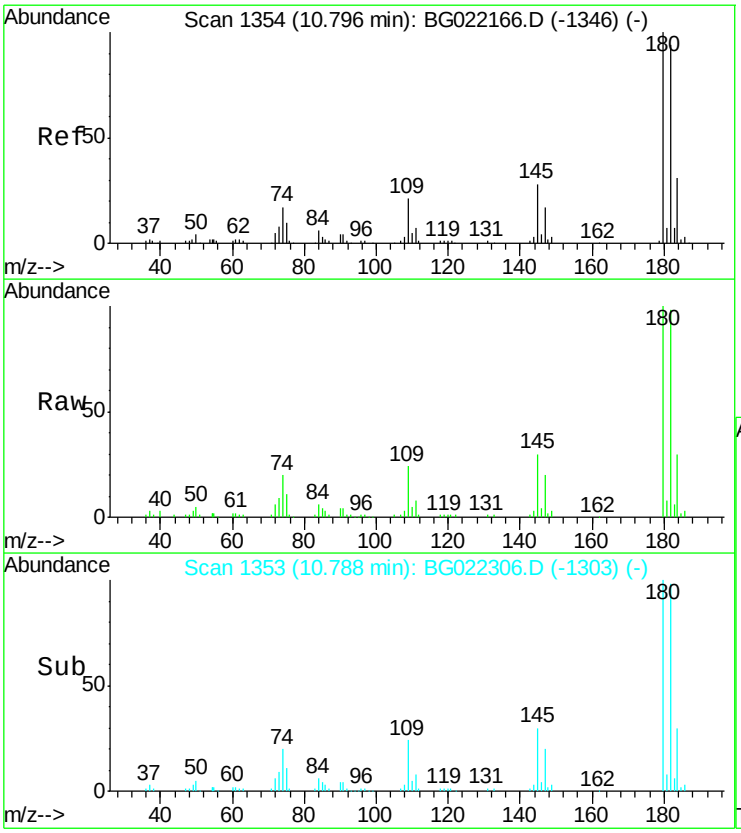
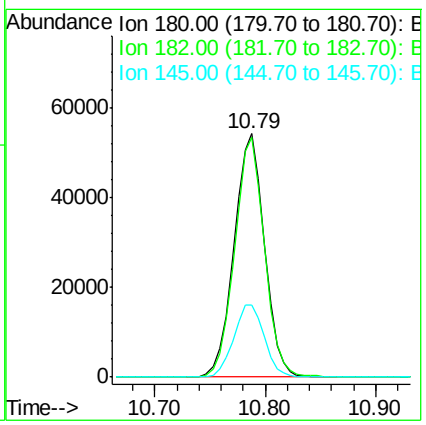
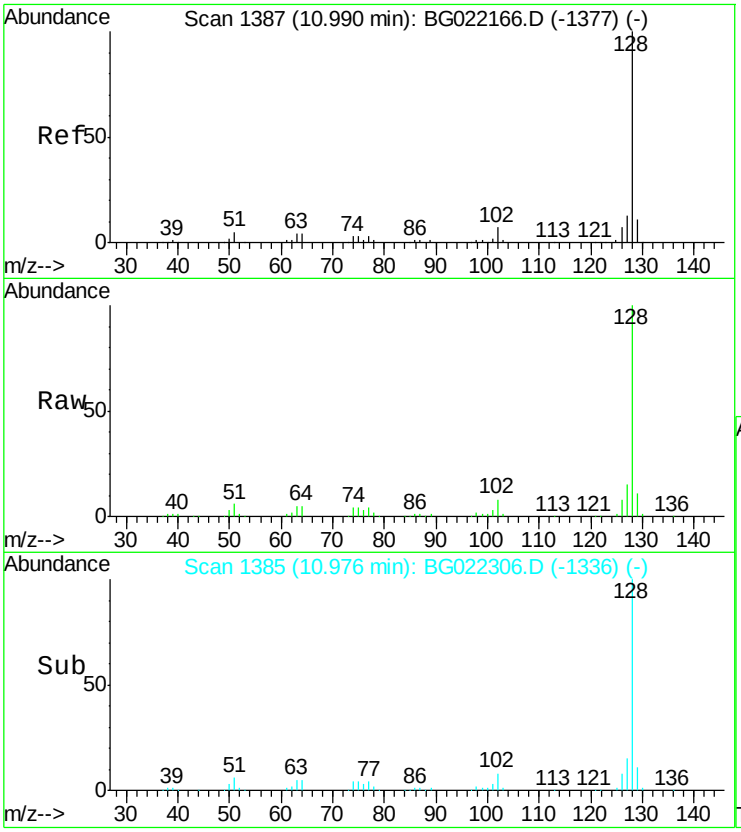



#30
1,2,4-Trichlorobenzene
Concen: 50.25 ng
RT: 10.79 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:180 Resp: 104773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 98.4 | 82.3 | 123.5 |
| 145 | 29.8 | 24.4 | 36.6 |

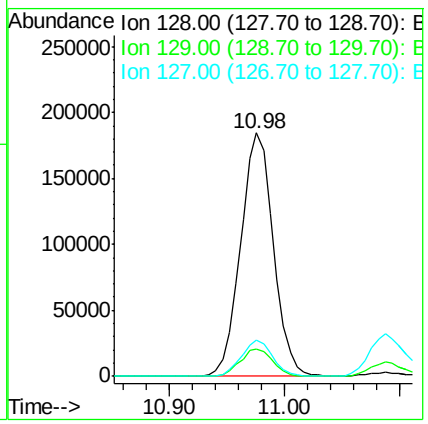





#31
Naphthalene
Concen: 51.09 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:128 Resp: 362902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.4 | 7.0 | 10.6# |
| 127 | 14.9 | 10.1 | 15.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

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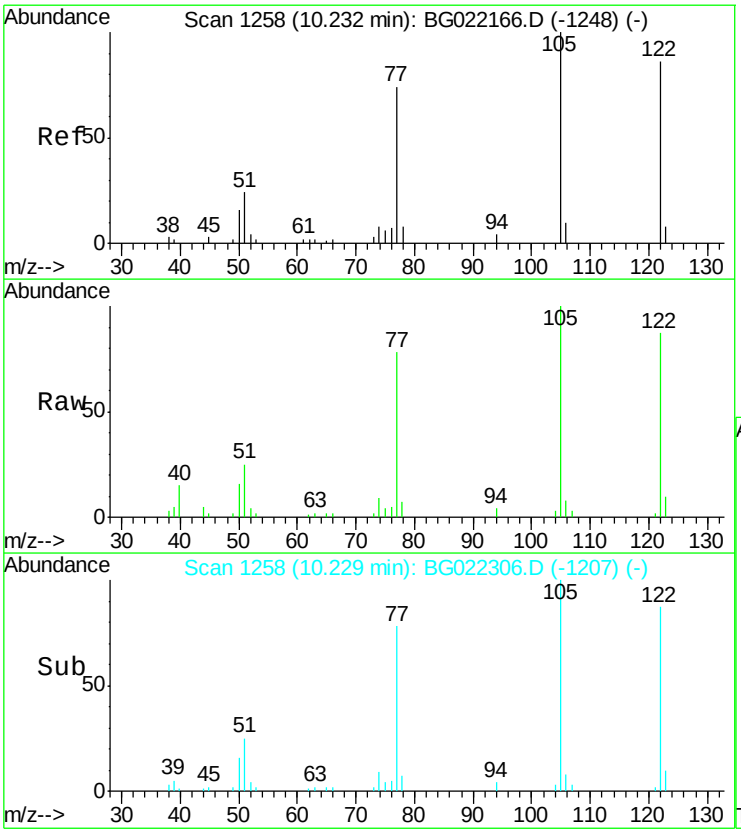
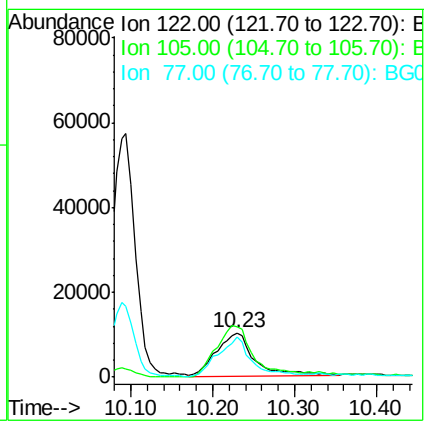
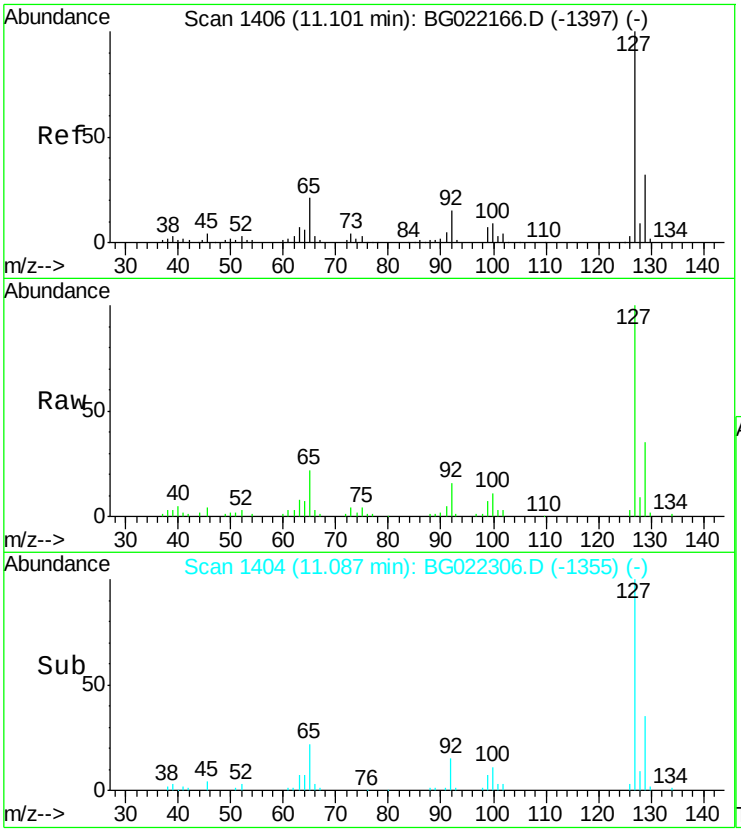



#32
Benzoic acid
Concen: 47.46 ng
RT: 10.23 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:122 Resp: 32669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 114.7 | 104.5 | 144.5 |
| 77 | 89.9 | 79.9 | 119.9 |

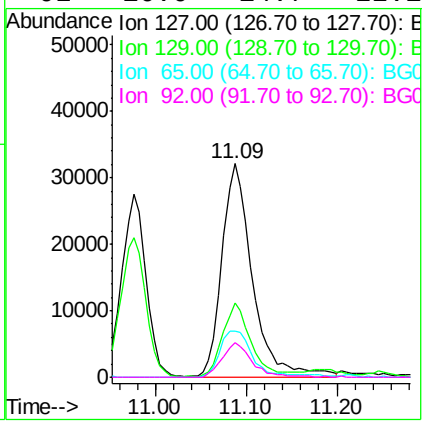





#33
4-Chloroaniline
Concen: 25.57 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:127 Resp: 75520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 34.6 | 26.6 | 39.8 |
| 65 | 21.6 | 27.5 | 41.3# |
| 92 | 16.0 | 14.7 | 22.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

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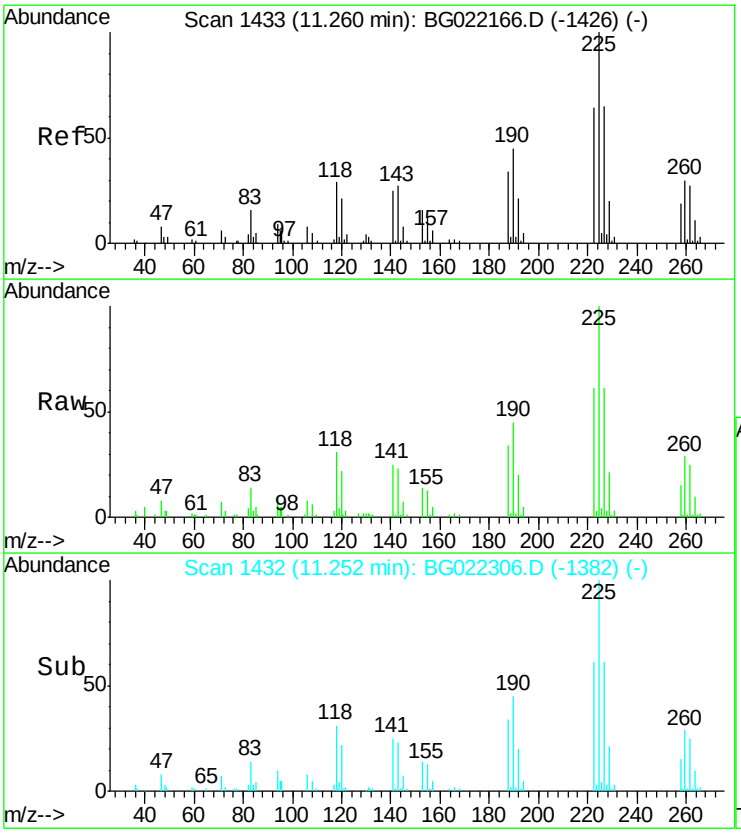
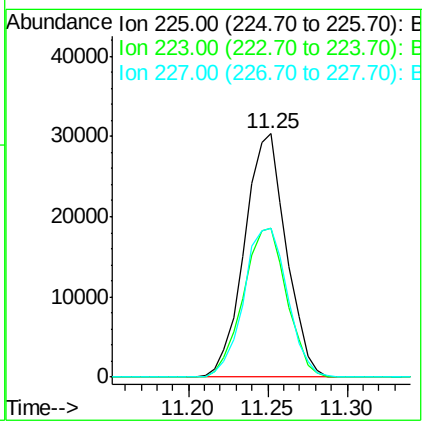
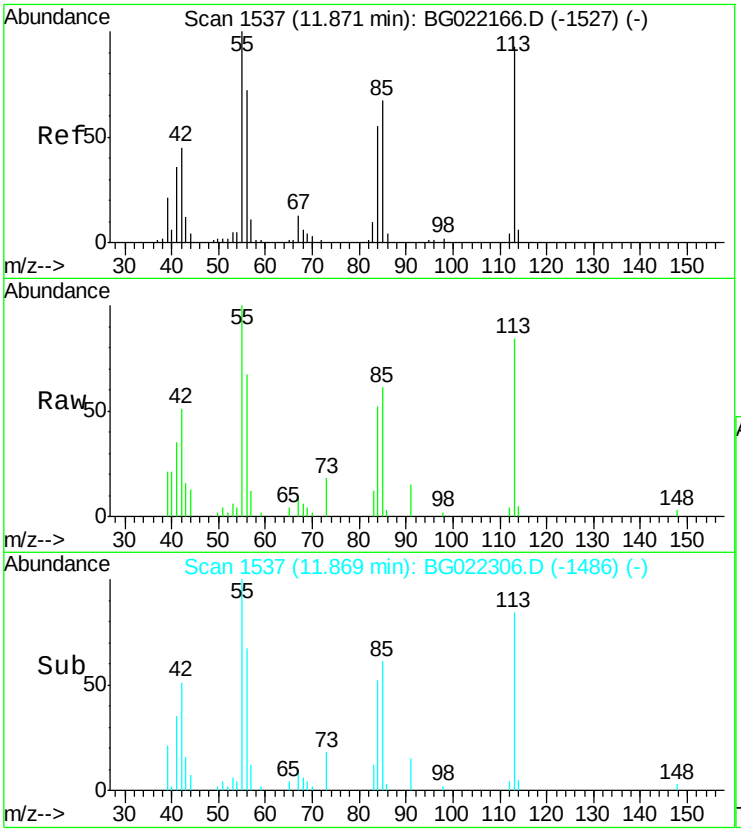



#34
Hexachlorobutadiene
Concen: 49.57 ng
RT: 11.25 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:225 Resp: 55487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.2 | 52.7 | 79.1 |
| 227 | 60.9 | 49.7 | 74.5 |






#35
Caprolactam
Concen: 35.93 ng m
RT: 11.87 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:113 Resp: 36780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 118.8 | 194.2 | 234.2# |
| 56 | 79.3 | 122.6 | 162.6# |

**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

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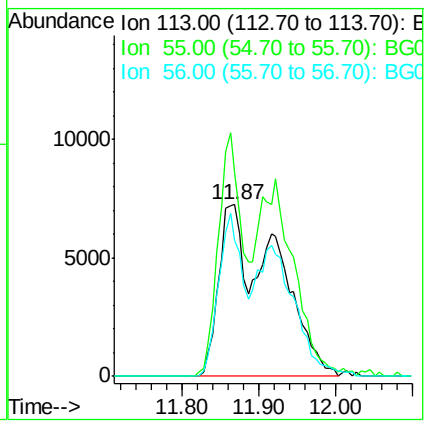
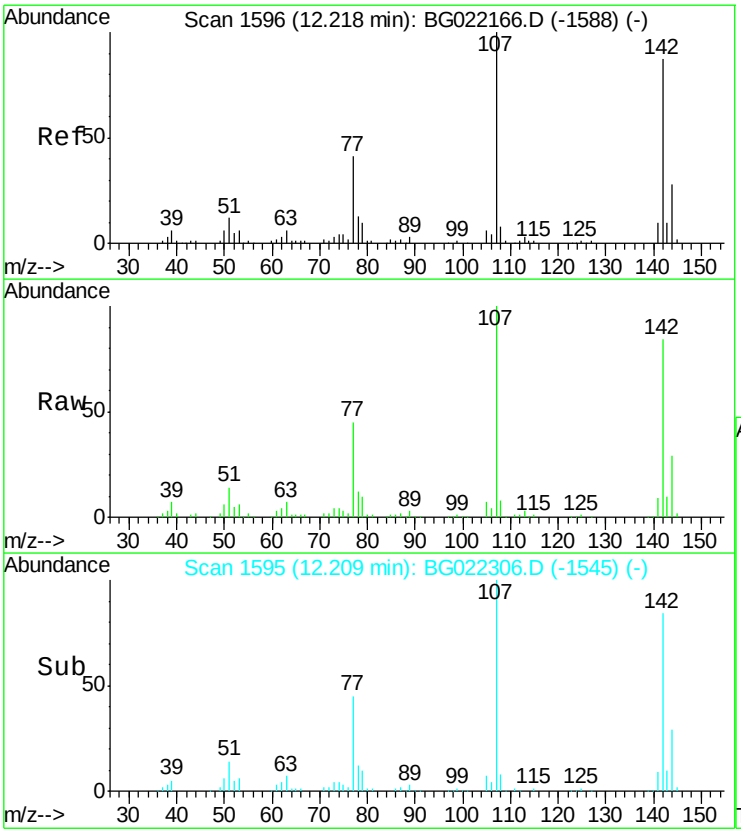
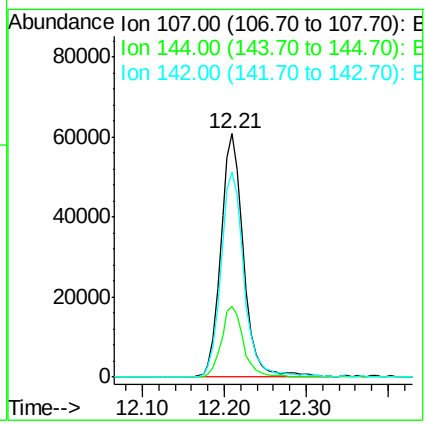


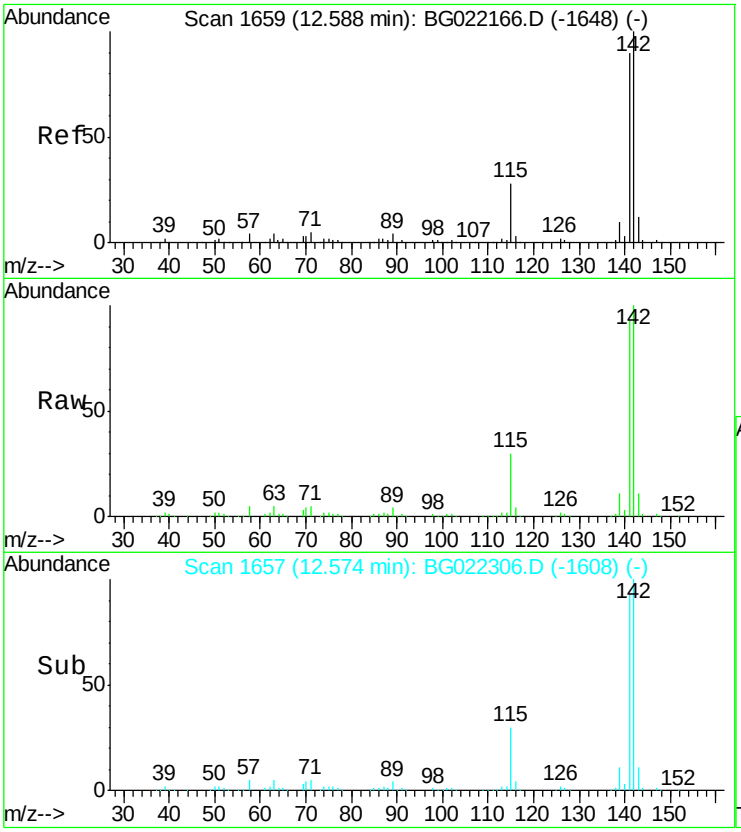




#36
4-Chloro-3-methylphenol
Concen: 53.04 ng
RT: 12.21 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:107 Resp: 117319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 28.9 | 19.2 | 28.8# |
| 142 | 84.4 | 59.1 | 88.7 |

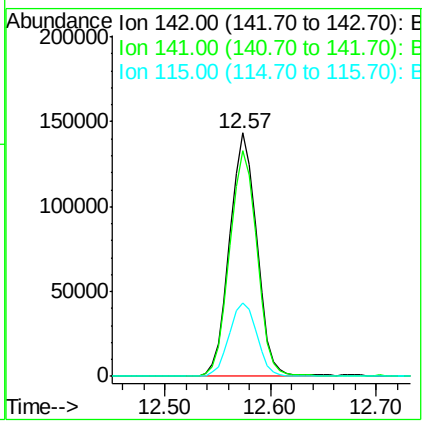





#37
2-Methylnaphthalene
Concen: 48.65 ng
RT: 12.57 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:142 Resp: 255082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 93.0 | 71.4 | 107.0 |
| 115 | 29.9 | 27.4 | 41.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

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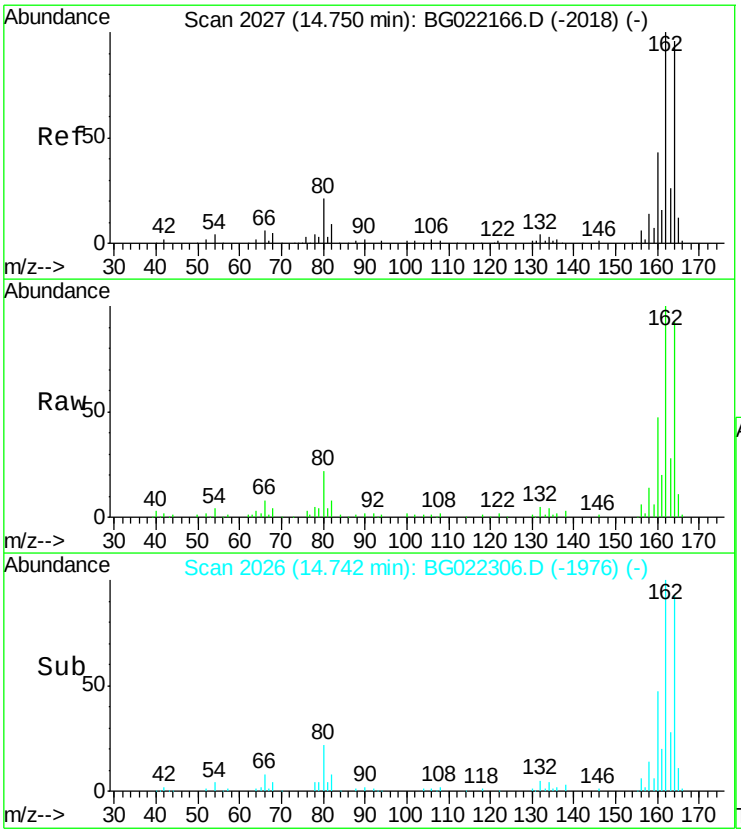
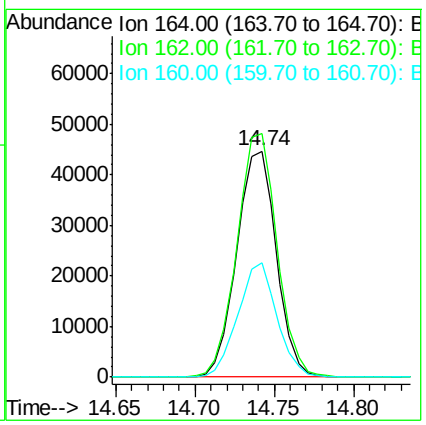
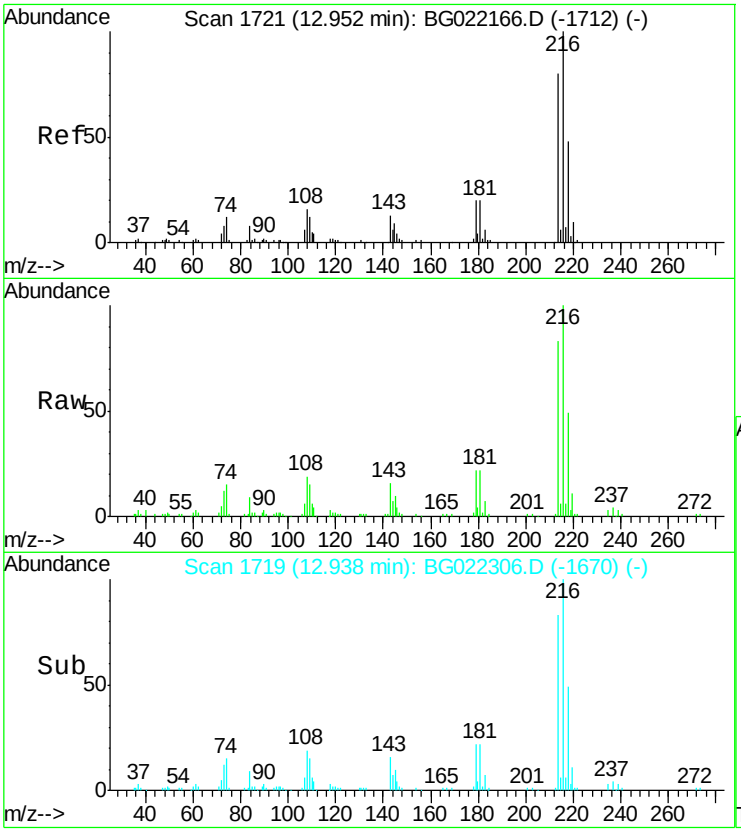



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:164 Resp: 77487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 107.9 | 78.0 | 117.0 |
| 160 | 50.6 | 32.9 | 49.3# |

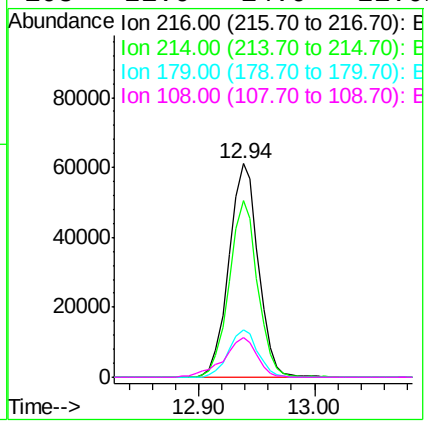





#39
1,2,4,5-Tetrachlorobenzene
Concen: 53.63 ng
RT: 12.94 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:216 Resp: 106984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 80.2 | 62.2 | 93.2 |
| 179 | 22.2 | 16.7 | 25.1 |
| 108 | 21.0 | 14.0 | 21.0# |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

**Manual Integrations APPROVED**
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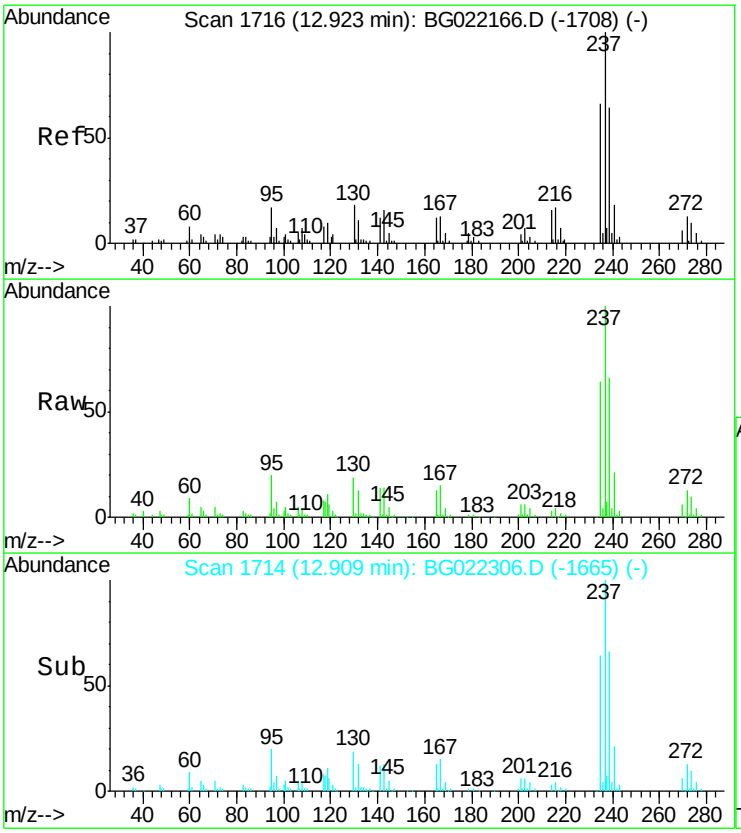
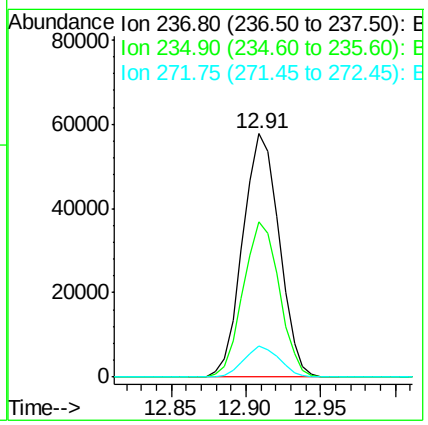
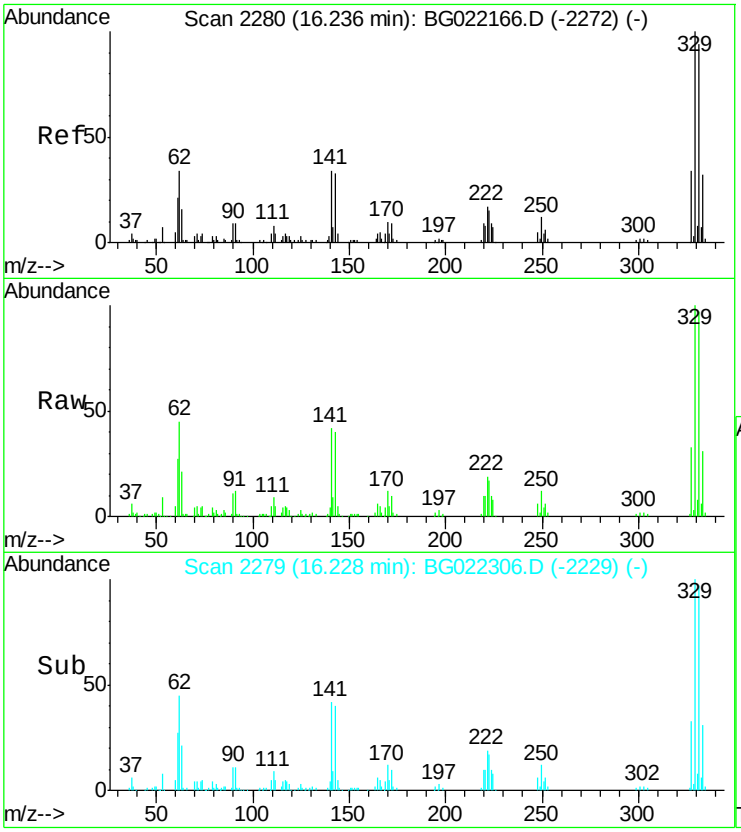



#40
Hexachlorocyclopentadiene
Concen: 95.12 ng
RT: 12.91 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:237 Resp: 97792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.8 | 43.2 | 83.2 |
| 272 | 12.5 | 0.0 | 33.4 |

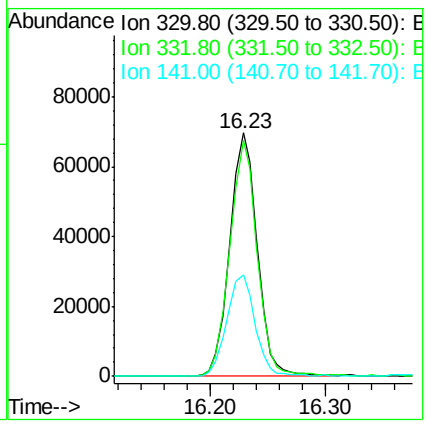





#41
2,4,6-Tribromophenol
Concen: 131.32 ng
RT: 16.23 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:330 Resp: 114983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 78.0 | 117.0 |
| 141 | 43.3 | 33.8 | 50.8 |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

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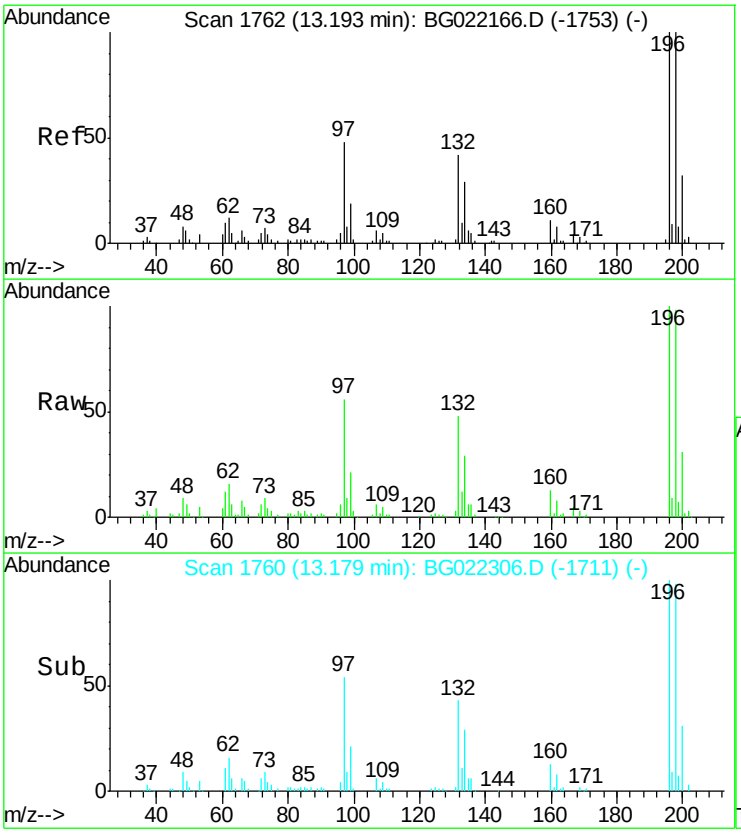
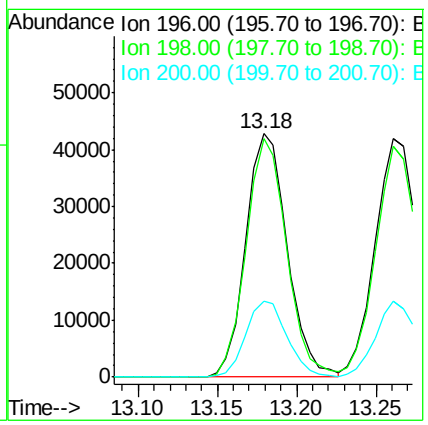
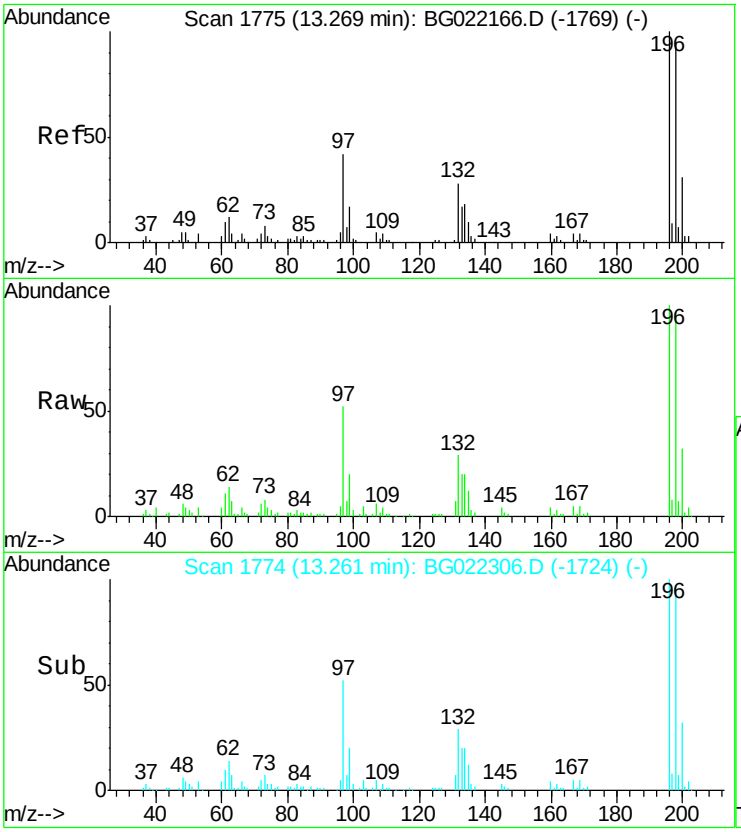



#42
2,4,6-Trichlorophenol
Concen: 58.19 ng
RT: 13.18 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:196 Resp: 77867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.7 | 80.1 | 120.1 |
| 200 | 31.0 | 24.1 | 36.1 |

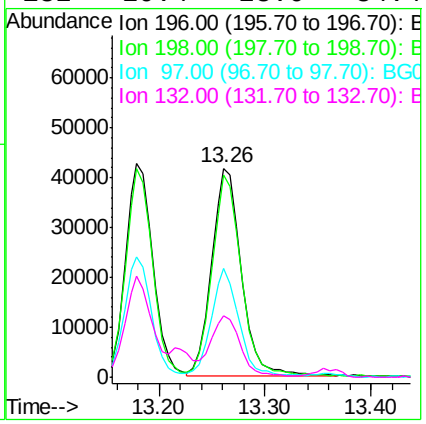





#43
2,4,5-Trichlorophenol
Concen: 55.10 ng
RT: 13.26 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:196 Resp: 81455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.7 | 78.0 | 117.0 |
| 97 | 51.9 | 43.0 | 64.6 |
| 132 | 29.4 | 23.0 | 34.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

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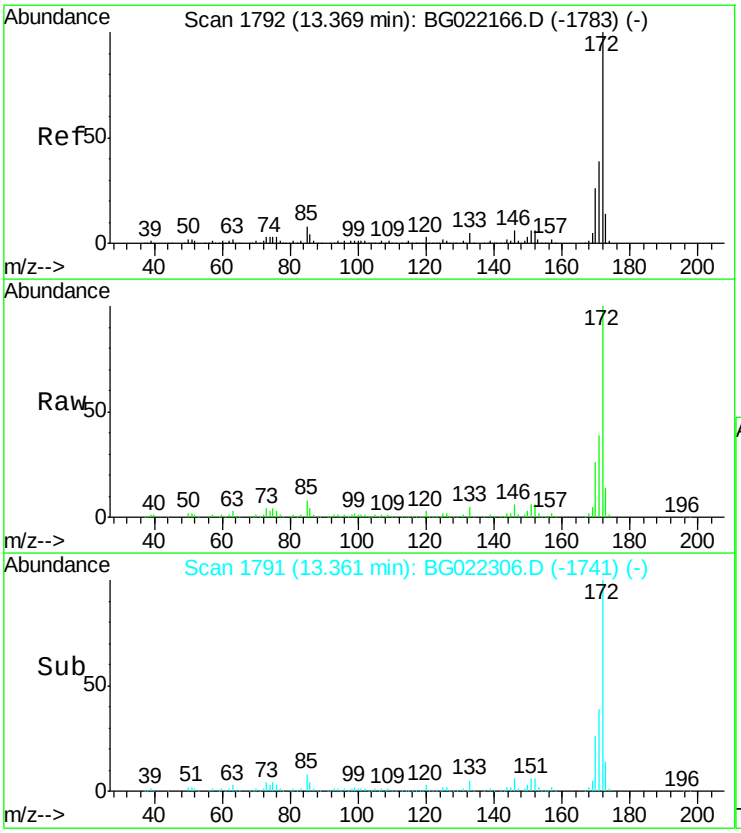
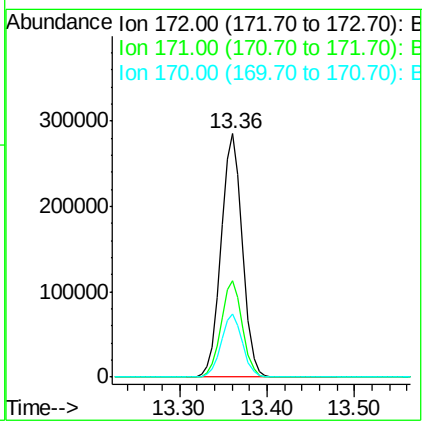
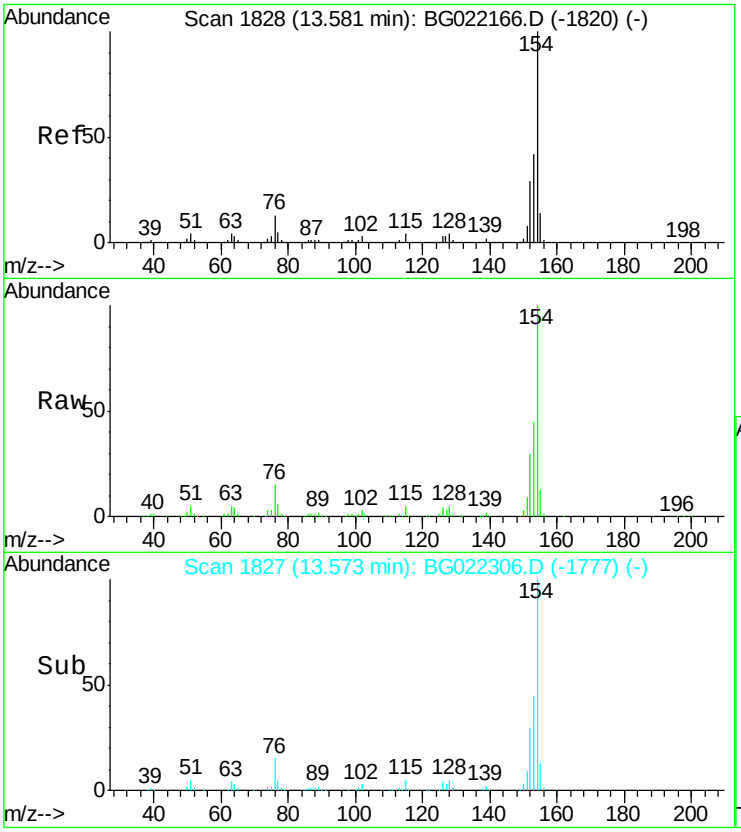



#44
2-Fluorobiphenyl
Concen: 93.91 ng
RT: 13.36 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:172 Resp: 477482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 39.5 | 27.8 | 41.6 |
| 170 | 26.0 | 19.6 | 29.4 |

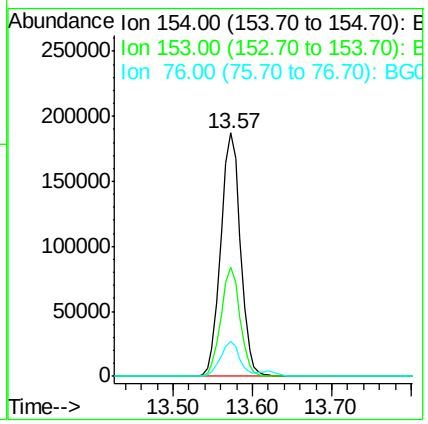





#45
1,1'-Biphenyl
Concen: 55.18 ng
RT: 13.57 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:154 Resp: 321774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 44.8 | 19.7 | 59.7 |
| 76 | 14.6 | 0.0 | 33.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

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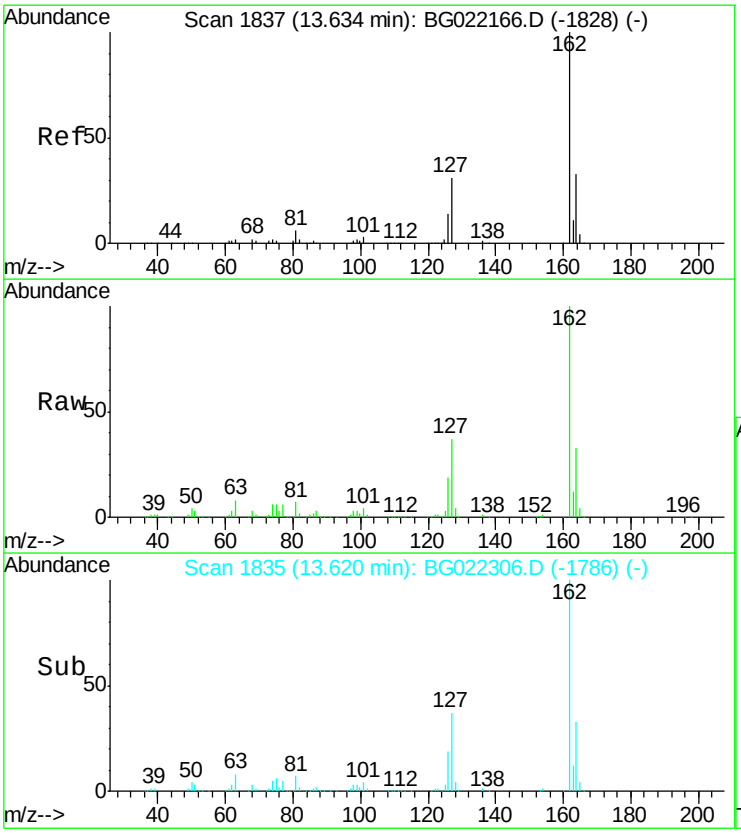
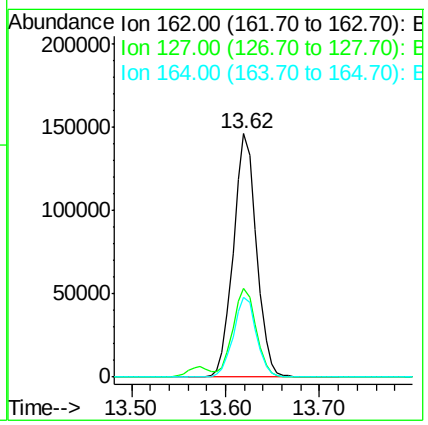
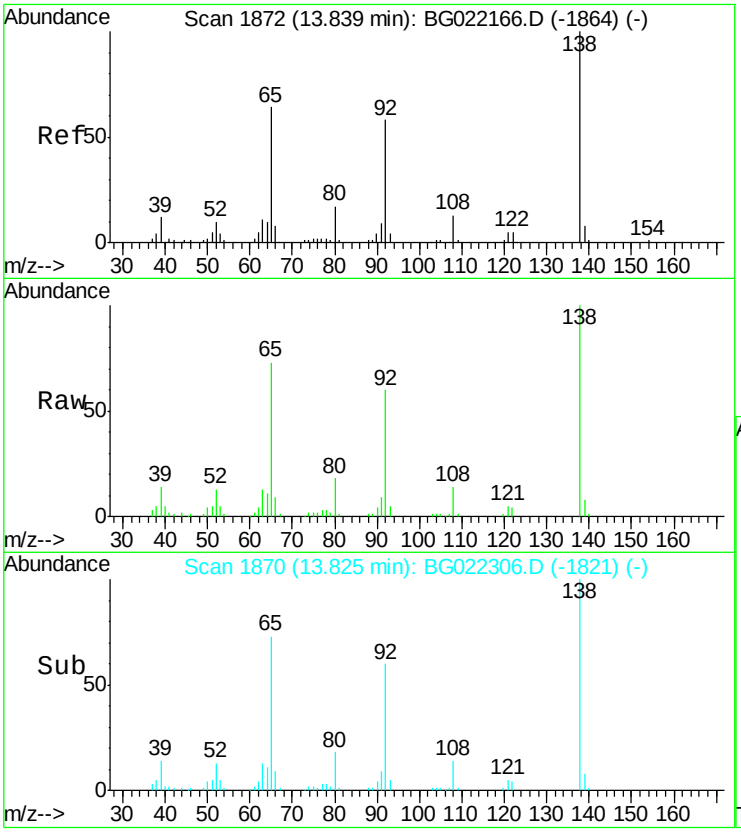



#46
2-Chloronaphthalene
Concen: 55.61 ng
RT: 13.62 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:162 Resp: 248608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 36.6 | 32.0 | 48.0 |
| 164 | 32.6 | 27.0 | 40.4 |






#47
2-Nitroaniline
Concen: 59.12 ng
RT: 13.83 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion: 65 Resp: 63014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 82.4 | 49.2 | 73.8# |
| 138 | 136.5 | 75.0 | 112.6# |

**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

**Manual Integrations APPROVED**
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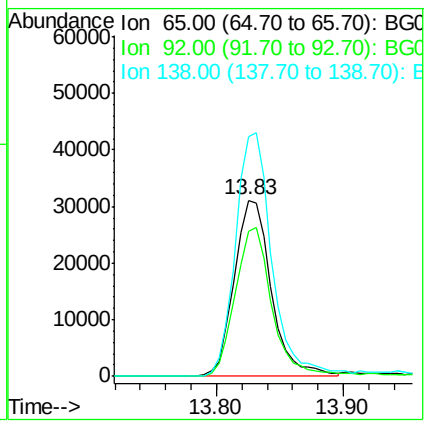
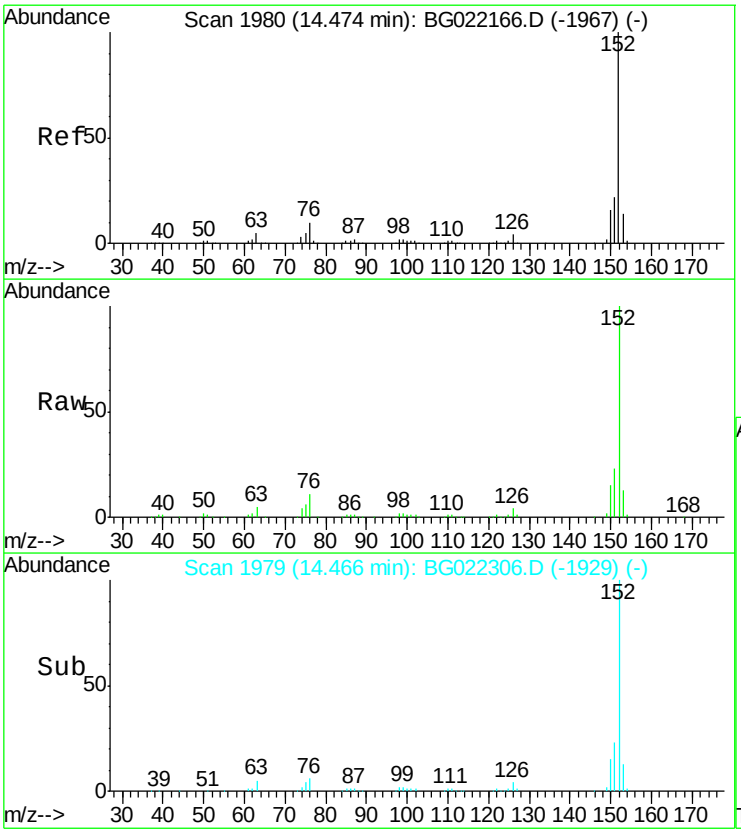
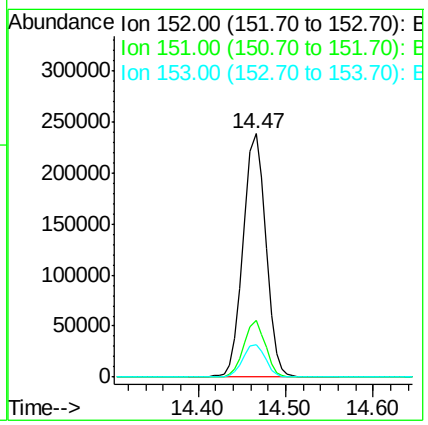


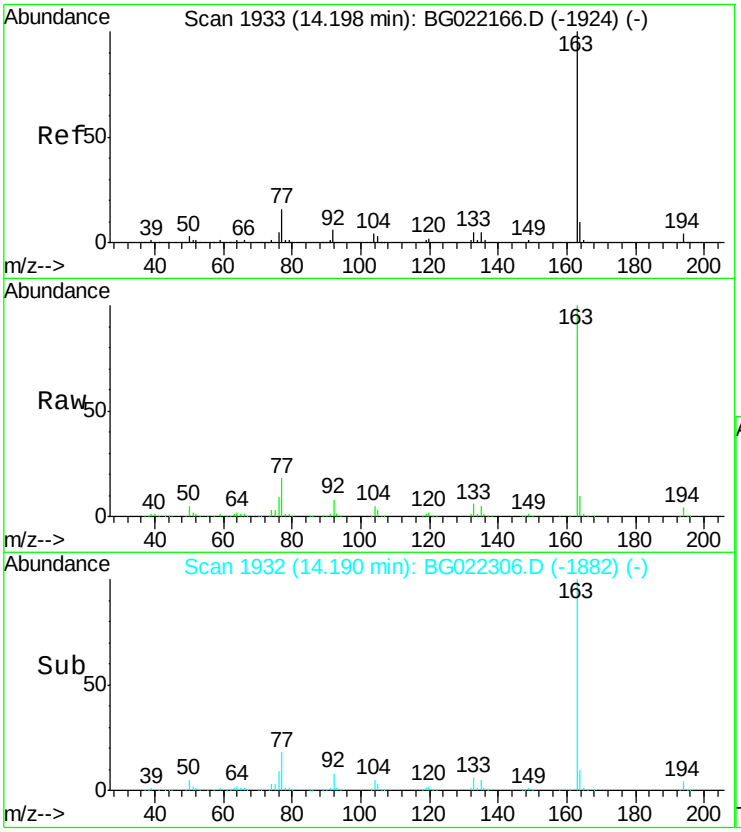




#48
Acenaphthylene
Concen: 53.23 ng
RT: 14.47 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:152 Resp: 417506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 23.1 | 16.6 | 24.8 |
| 153 | 13.2 | 10.2 | 15.2 |

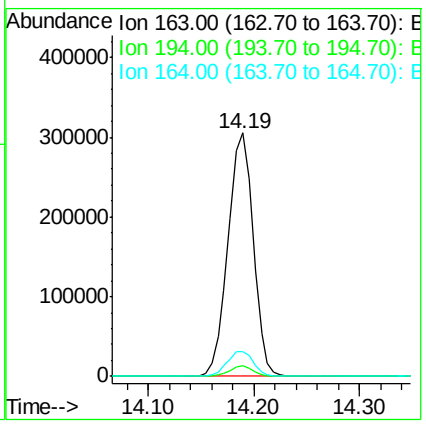





#49
Dimethylphthalate
Concen: 78.16 ng
RT: 14.19 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:163 Resp: 502164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 3.0 | 4.6 |
| 164 | 10.2 | 8.1 | 12.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

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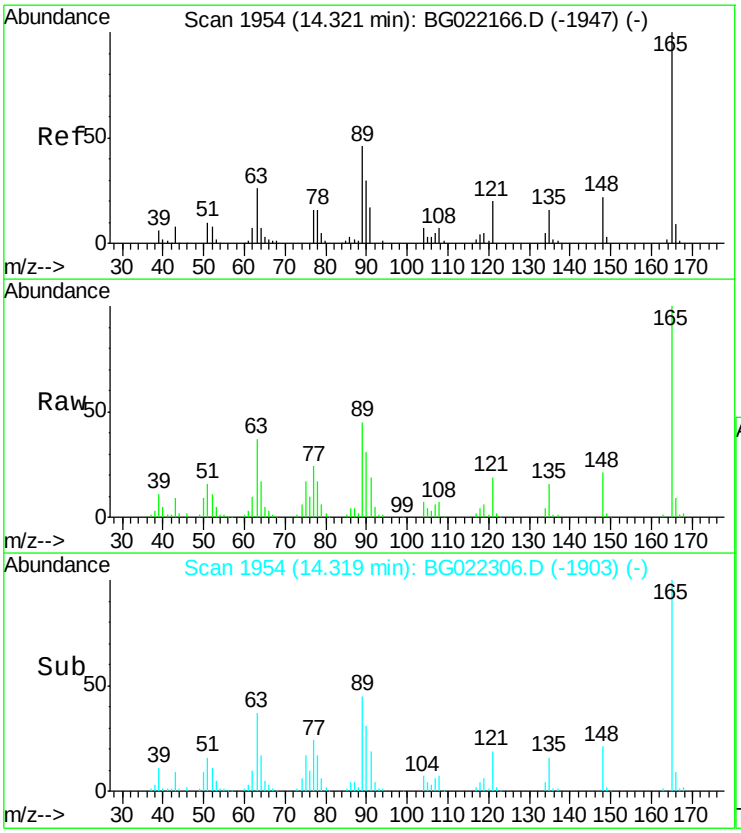
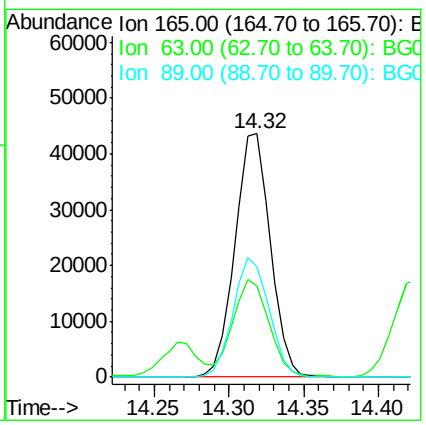
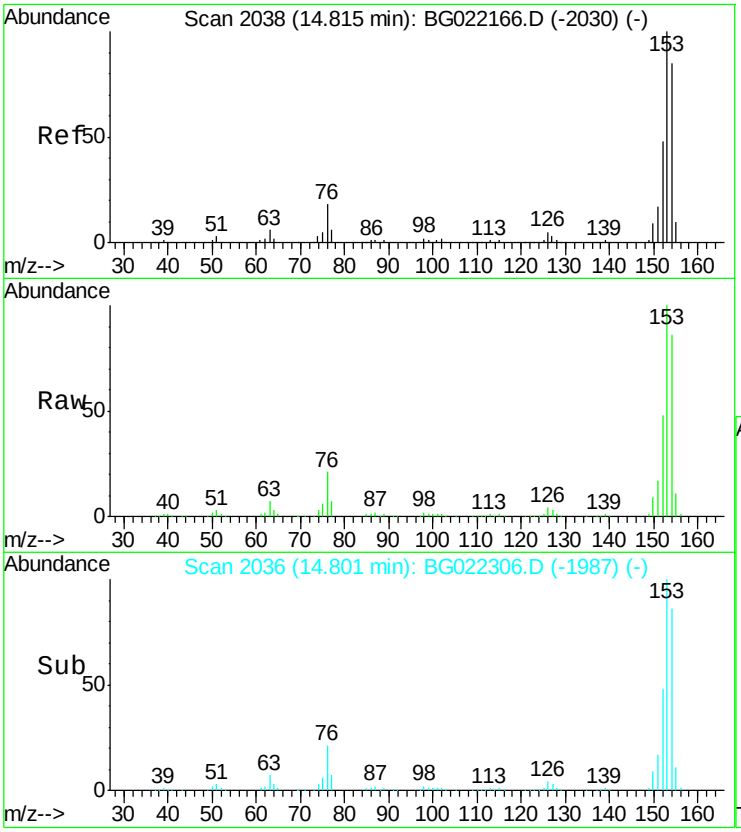



#50
2,6-Dinitrotoluene
Concen: 51.57 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:165 Resp: 72025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 37.4 | 48.2 | 72.4# |
| 89 | 45.5 | 45.3 | 67.9 |

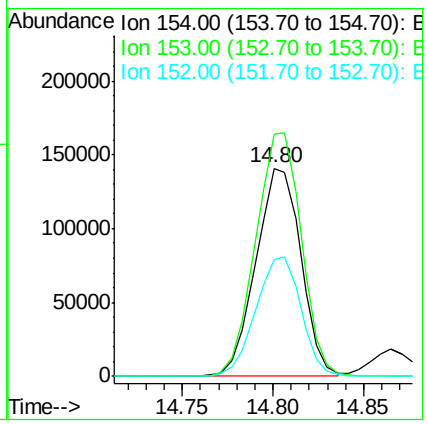





#51
Acenaphthene
Concen: 51.81 ng
RT: 14.80 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:154 Resp: 243461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 116.4 | 91.9 | 137.9 |
| 152 | 56.0 | 42.0 | 63.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

**Manual Integrations APPROVED**
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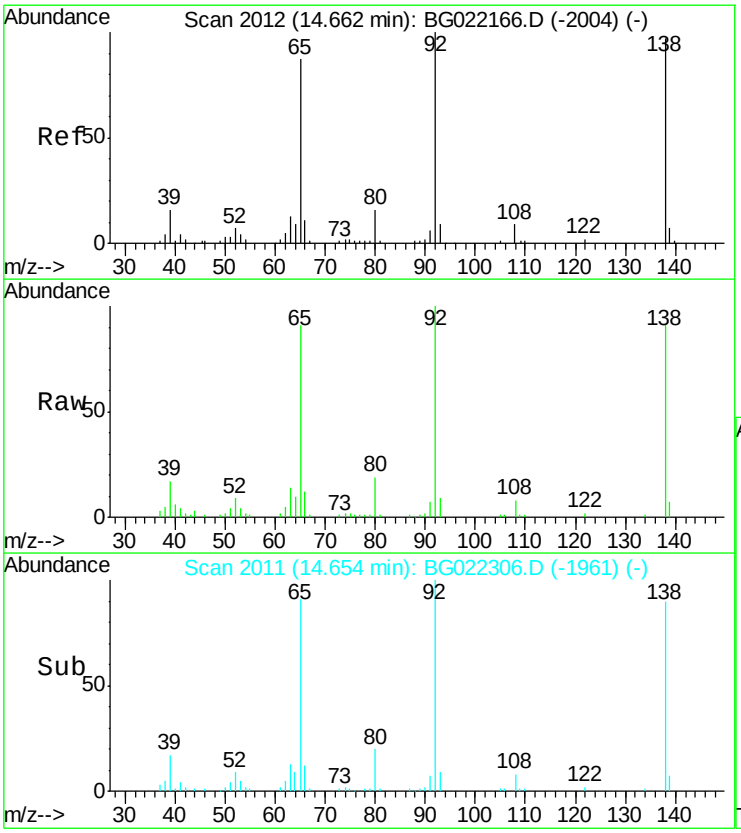
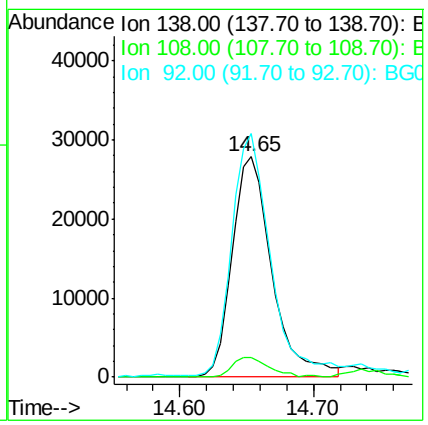
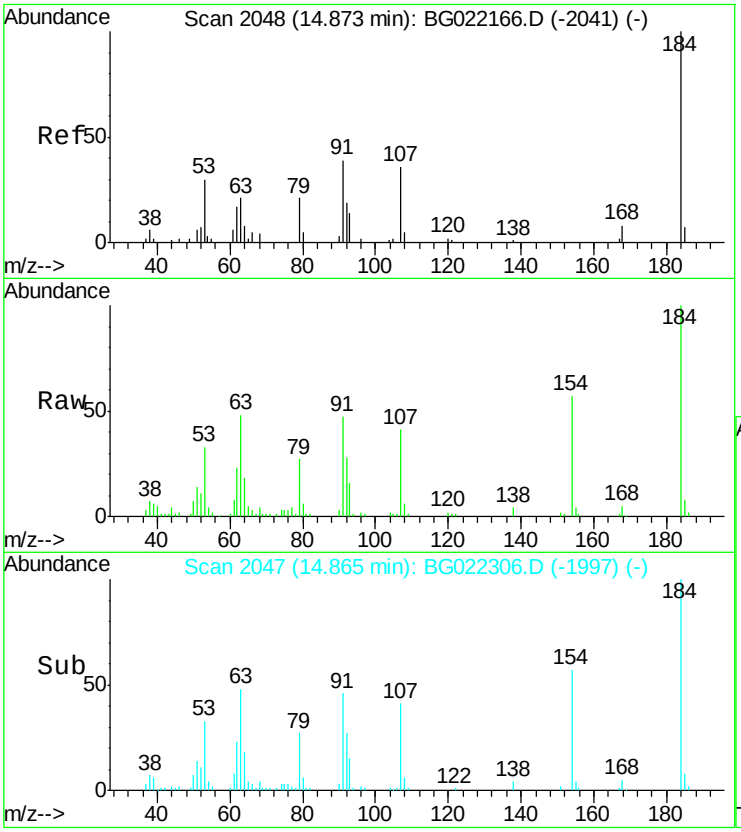



#52
3-Nitroaniline
Concen: 37.22 ng
RT: 14.65 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:138 Resp: 57657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 8.8 | 9.1 | 13.7# |
| 92 | 110.5 | 102.6 | 154.0 |






#53
2,4-Dinitrophenol
Concen: 101.02 ng
RT: 14.87 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:184 Resp: 59513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 47.6 | 57.3 | 85.9# |
| 154 | 56.6 | 55.2 | 82.8 |

**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

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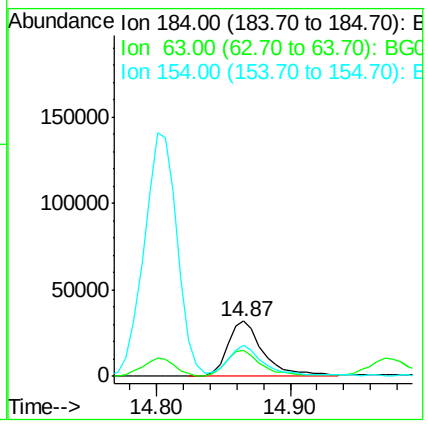
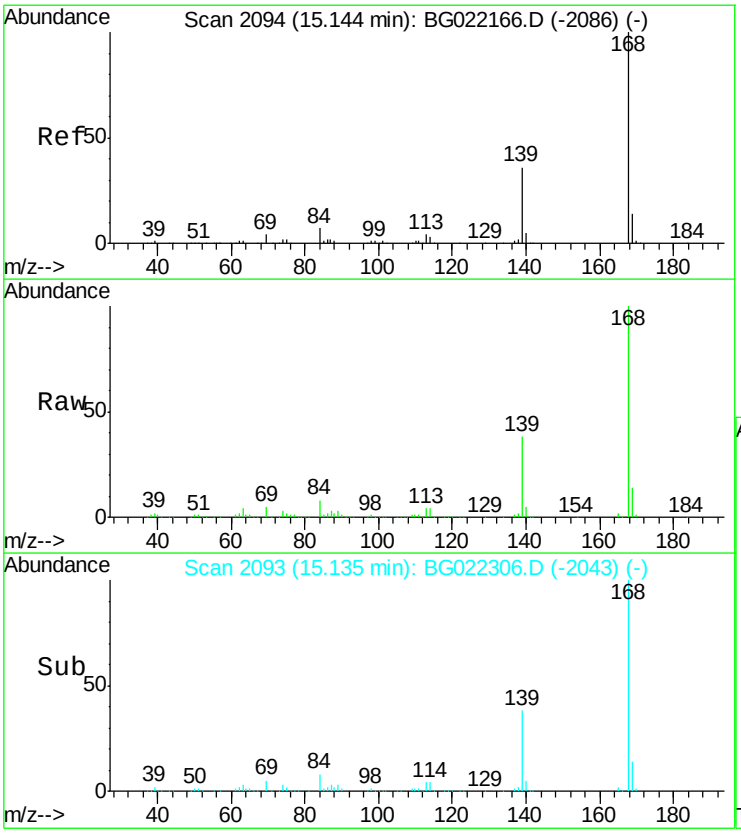
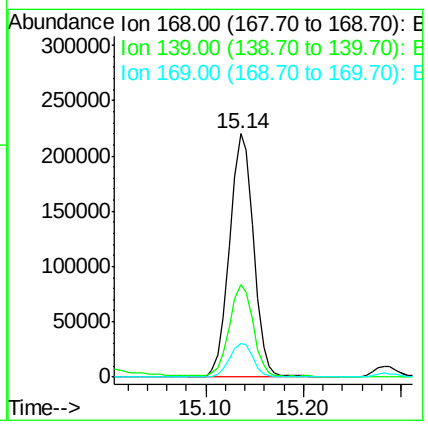


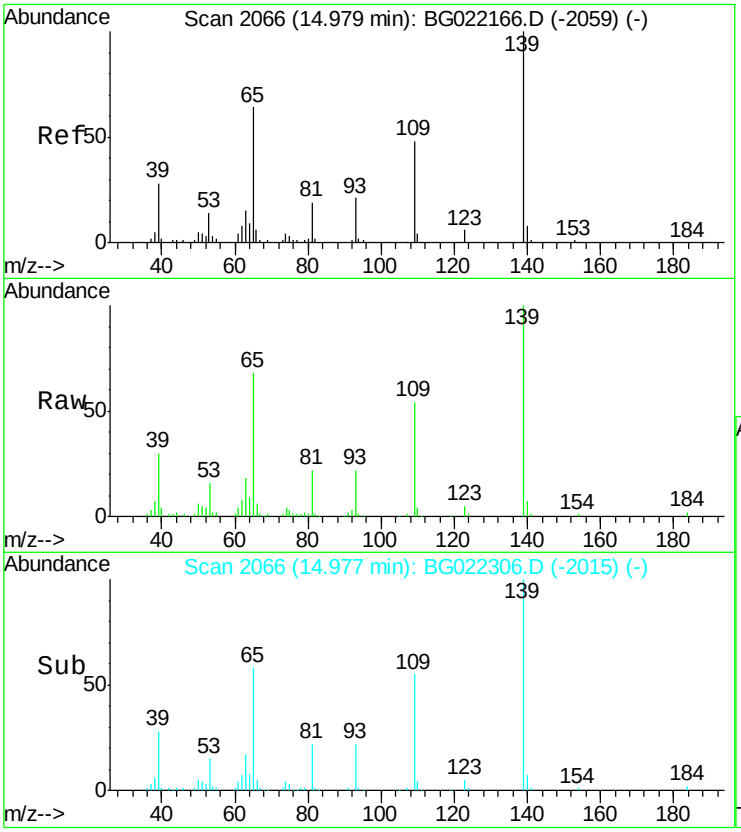




#54
Dibenzofuran
Concen: 51.11 ng
RT: 15.14 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:168 Resp: 374840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 38.0 | 31.1 | 46.7 |
| 169 | 14.1 | 11.0 | 16.6 |






#55
4-Nitrophenol
Concen: 108.97 ng
RT: 14.98 min Scan# 2066
Delta R.T. -0.00 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:139 Resp: 116499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 54.2 | 49.2 | 89.2 |
| 65 | 68.2 | 83.2 | 123.2# |

**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

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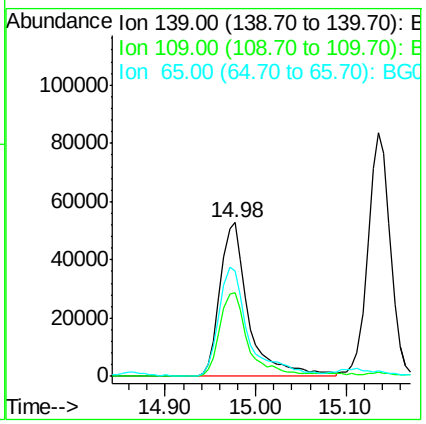
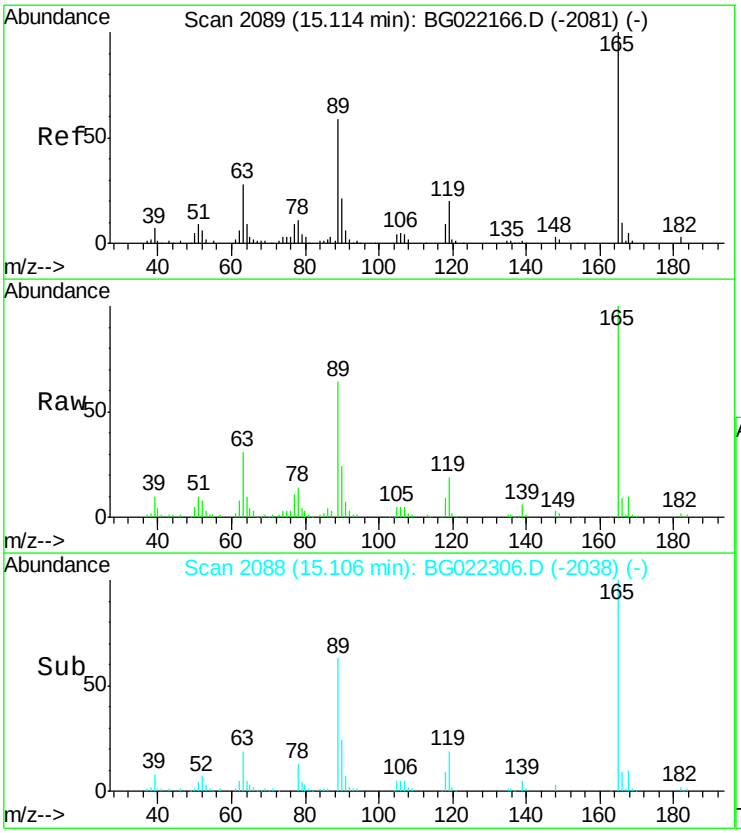
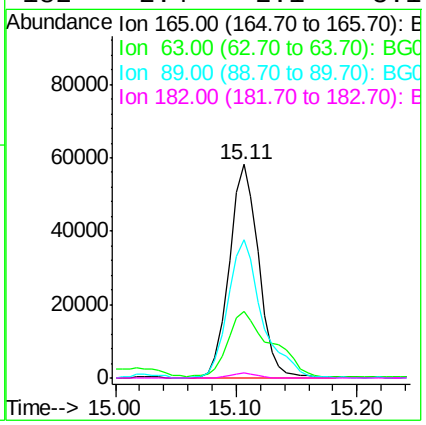


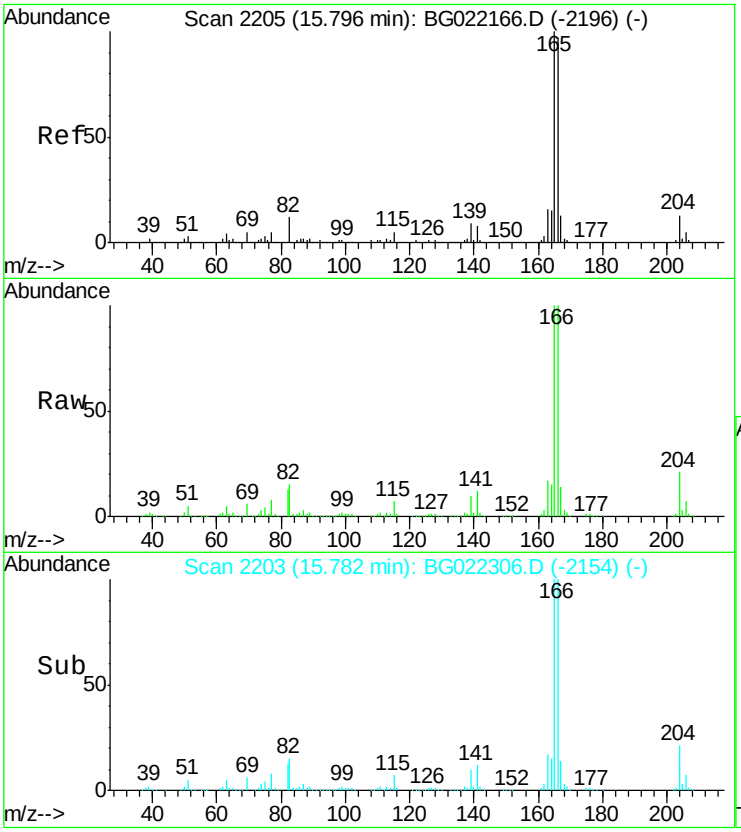




#56
2,4-Dinitrotoluene
Concen: 52.82 ng
RT: 15.11 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:165 Resp: 98951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 31.2 | 37.4 | 56.0# |
| 89 | 64.5 | 59.4 | 89.0 |
| 182 | 2.4 | 2.1 | 3.1 |

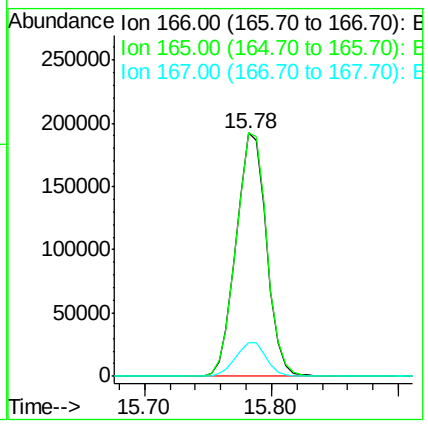





#57
Fluorene
Concen: 50.35 ng
RT: 15.78 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:166 Resp: 318045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.1 | 79.0 | 118.4 |
| 167 | 14.0 | 10.7 | 16.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

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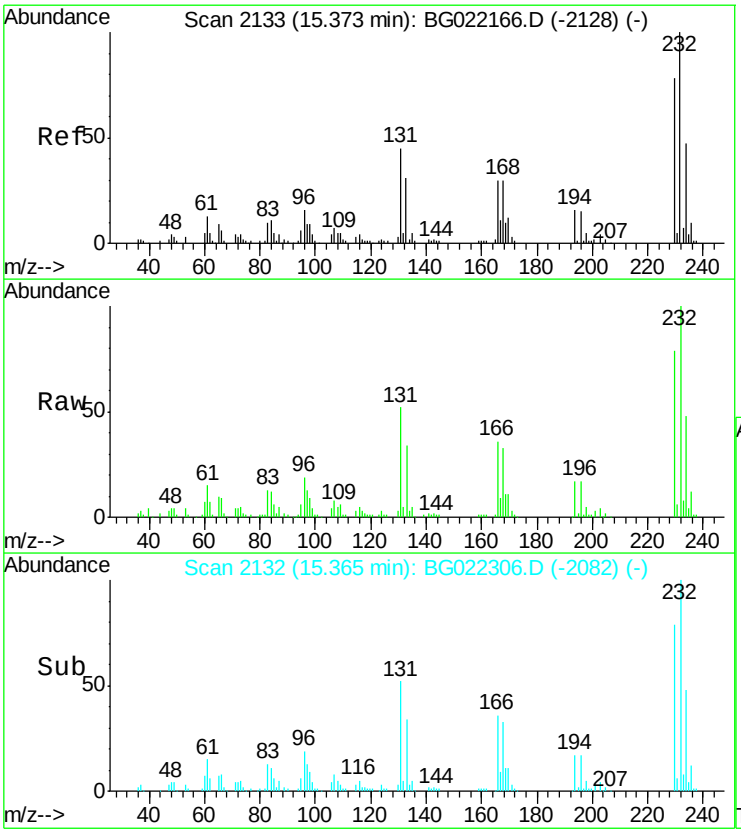
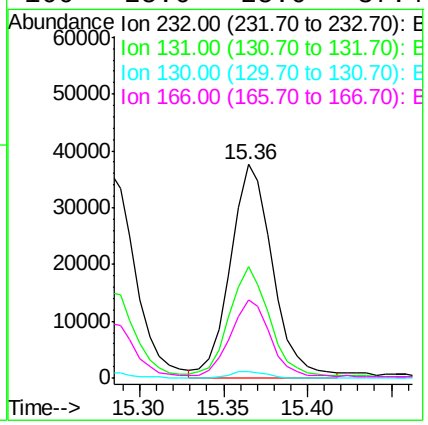
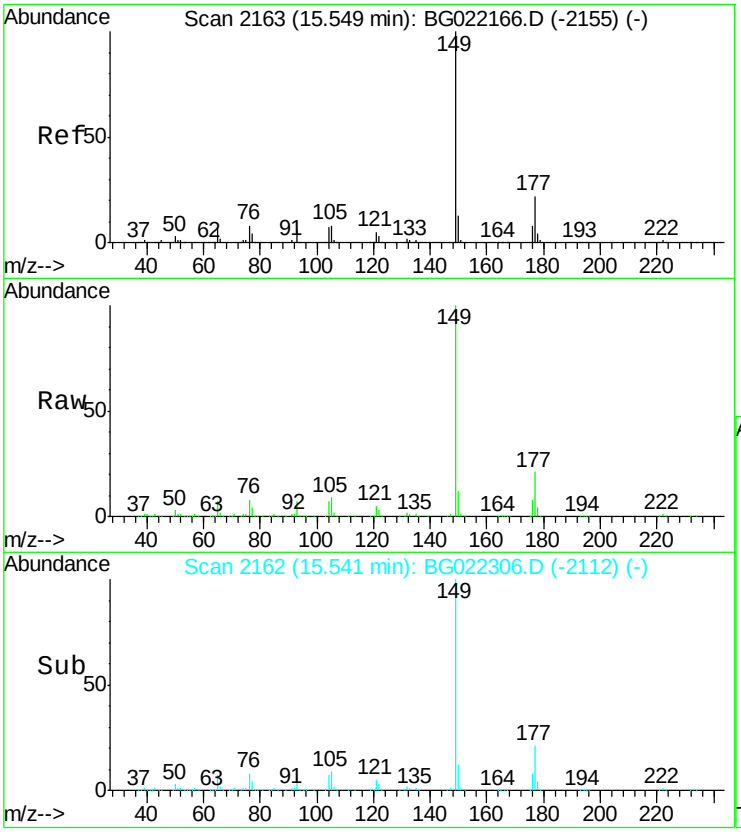



#58
2,3,4,6-Tetrachlorophenol
Concen: 50.22 ng m
RT: 15.36 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:232 Resp: 66583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 41.9 | 36.3 | 54.5 |
| 130 | 2.5 | 1.9 | 2.9 |
| 166 | 25.6 | 25.0 | 37.4 |

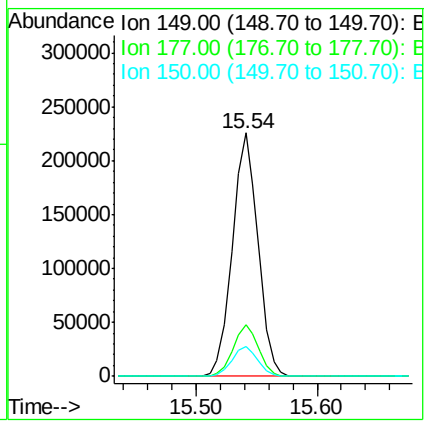





#59
Diethylphthalate
Concen: 48.46 ng
RT: 15.54 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:149 Resp: 332568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.2 | 17.3 | 25.9 |
| 150 | 12.1 | 9.7 | 14.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

**Manual Integrations APPROVED**
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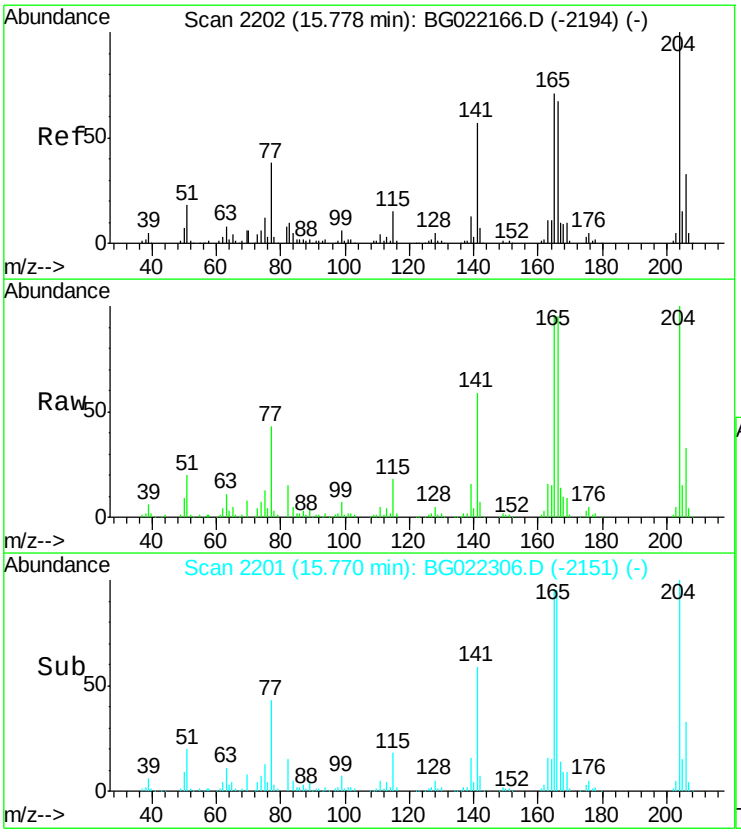
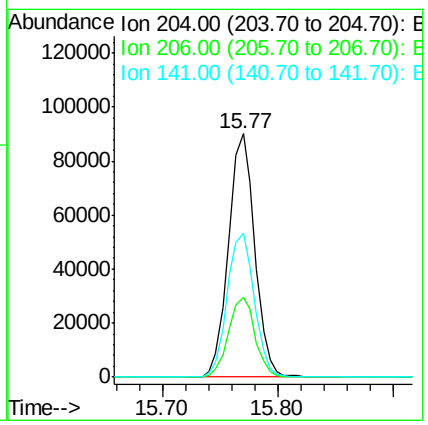
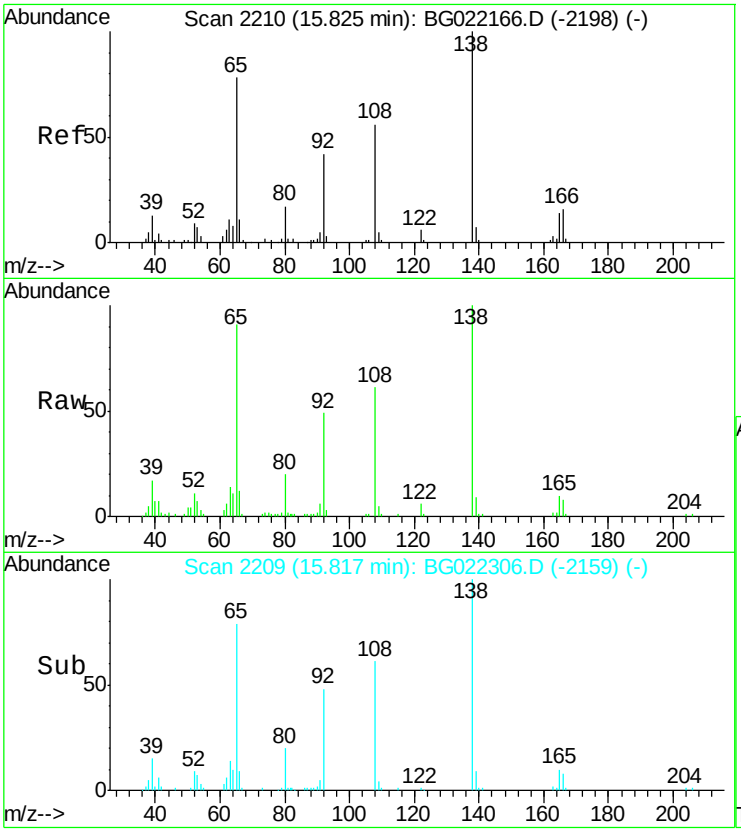



#60
4-Chlorophenyl-phenylether
Concen: 49.47 ng
RT: 15.77 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:204 Resp: 141516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.7 | 27.8 | 41.8 |
| 141 | 59.1 | 51.0 | 76.4 |

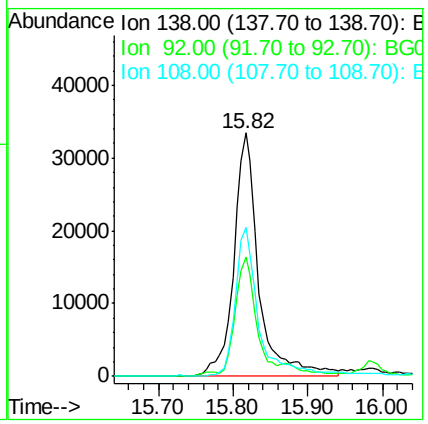





#61
4-Nitroaniline
Concen: 47.32 ng
RT: 15.82 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:138 Resp: 77749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 48.9 | 37.7 | 77.7 |
| 108 | 61.0 | 59.4 | 99.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

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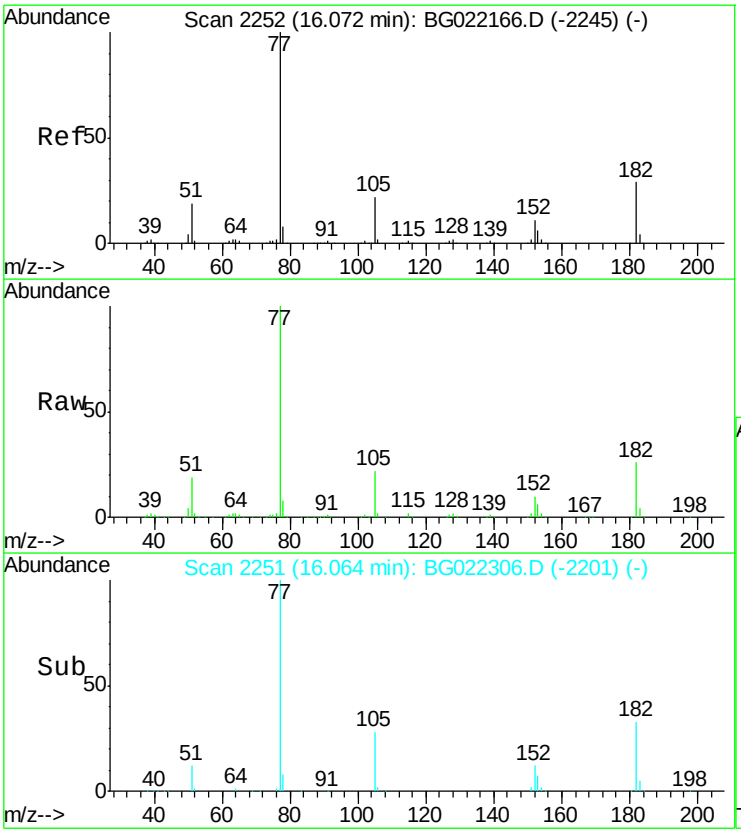
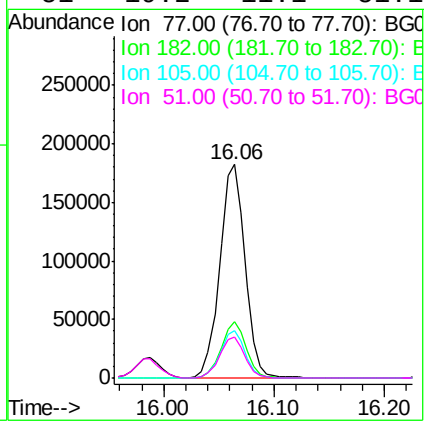
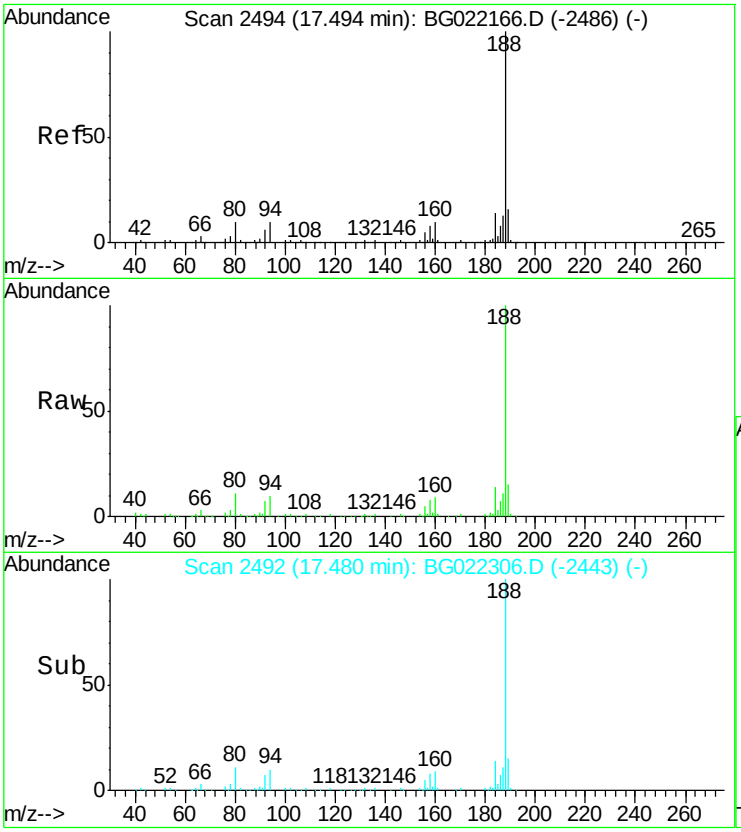



#62
Azobenzene
Concen: 55.44 ng
RT: 16.06 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion: 77 Resp: 288135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 26.1 | 4.1 | 44.1 |
| 105 | 22.3 | 0.0 | 39.8 |
| 51 | 19.2 | 11.1 | 51.1 |






#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:188 Resp: 169794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.4 | 7.5 | 11.3 |
| 80 | 11.5 | 8.6 | 13.0 |

**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

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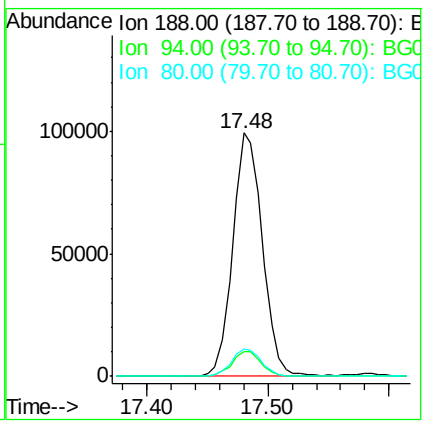
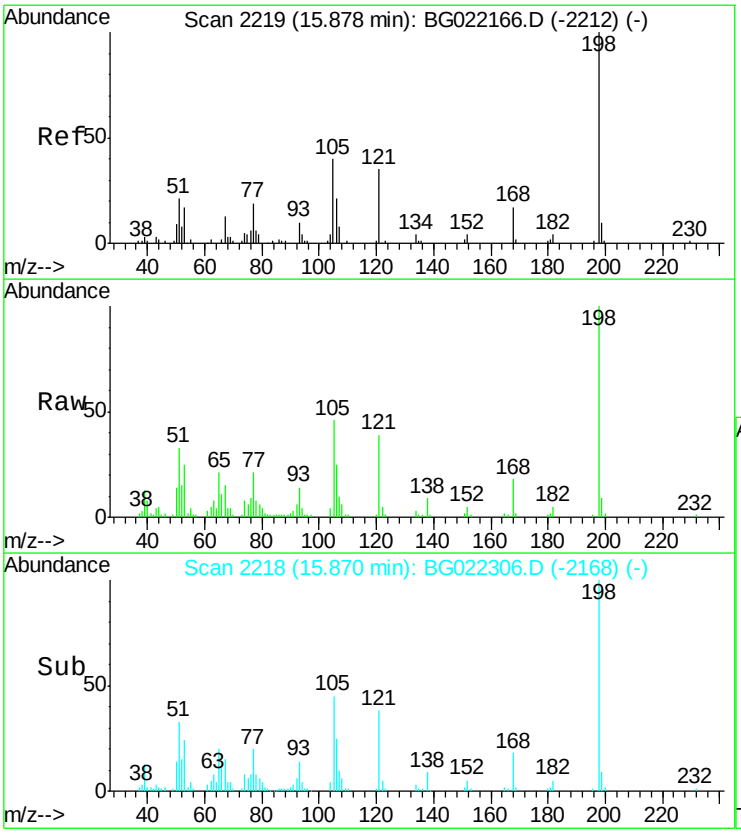
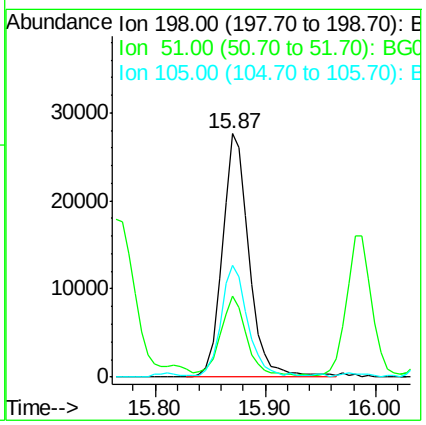


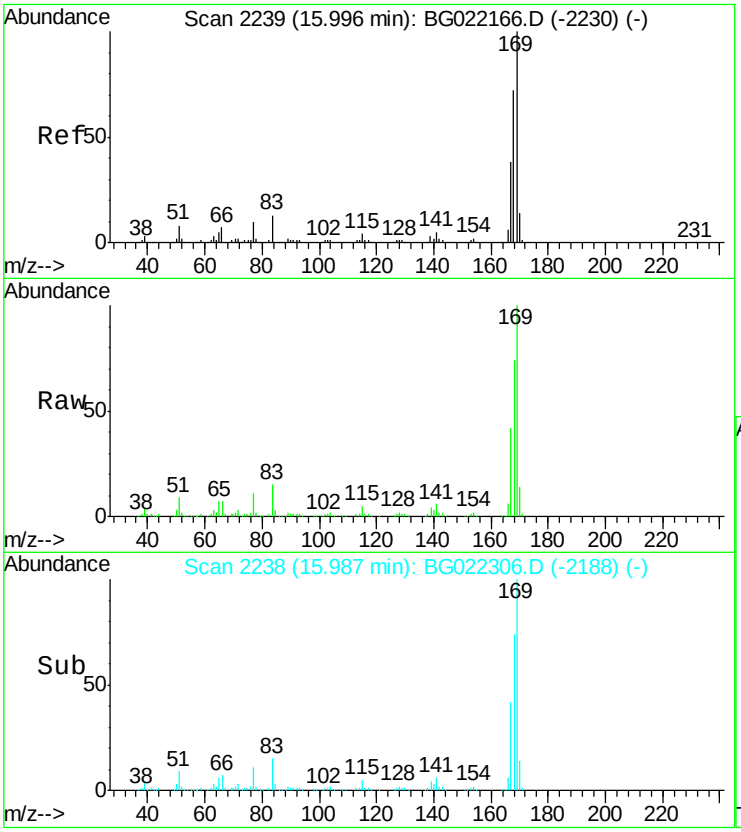




#64
4,6-Dinitro-2-methylphenol
Concen: 53.44 ng
RT: 15.87 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:198 Resp: 46608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 33.3 | 29.2 | 69.2 |
| 105 | 45.8 | 24.0 | 64.0 |

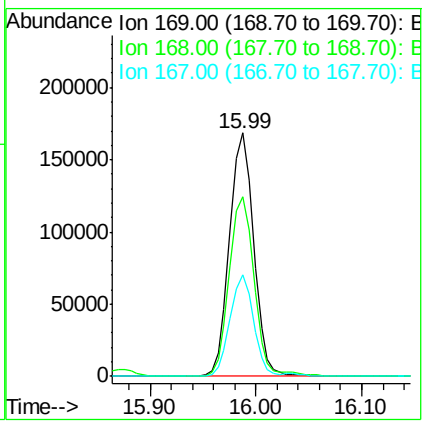





#65
n-Nitrosodiphenylamine
Concen: 54.62 ng
RT: 15.99 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:169 Resp: 267178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 73.9 | 59.6 | 89.4 |
| 167 | 41.8 | 31.2 | 46.8 |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

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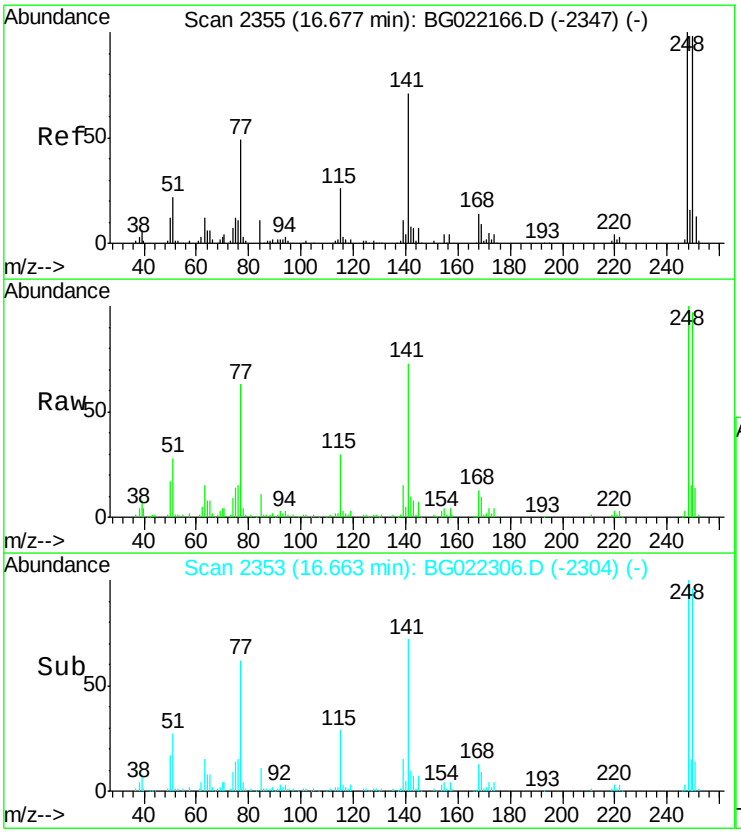
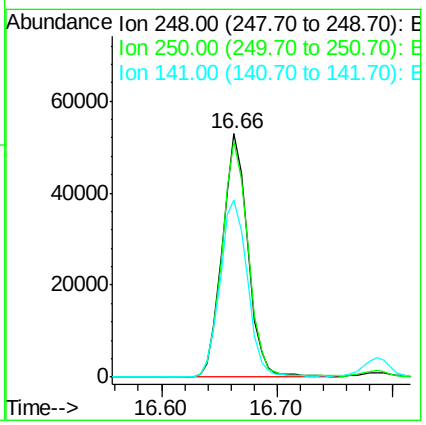
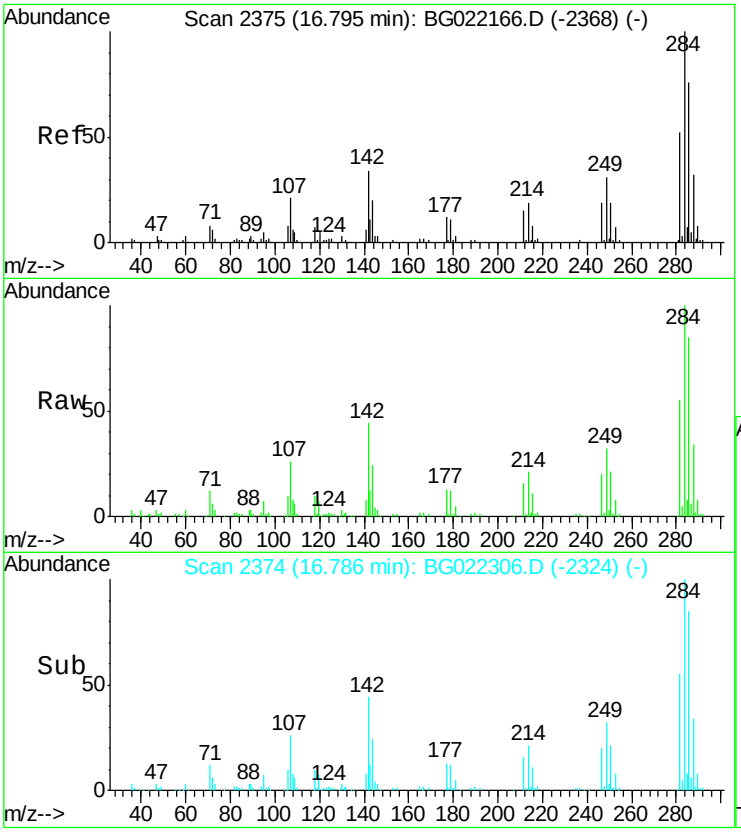



#66
4-Bromophenyl-phenylether
Concen: 51.09 ng
RT: 16.66 min Scan# 2353
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:248 Resp: 81279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.8 | 76.6 | 114.8 |
| 141 | 72.9 | 63.8 | 95.6 |

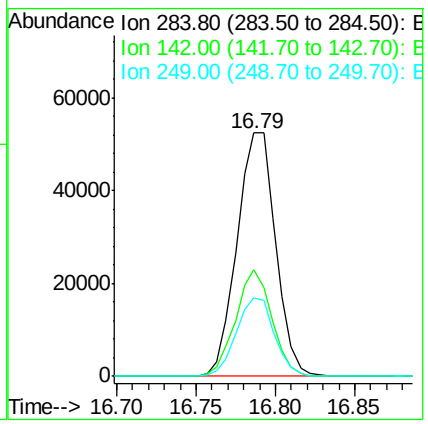





#67
Hexachlorobenzene
Concen: 47.72 ng
RT: 16.79 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:284 Resp: 88485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 43.7 | 31.8 | 47.6 |
| 249 | 35.1 | 27.3 | 40.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

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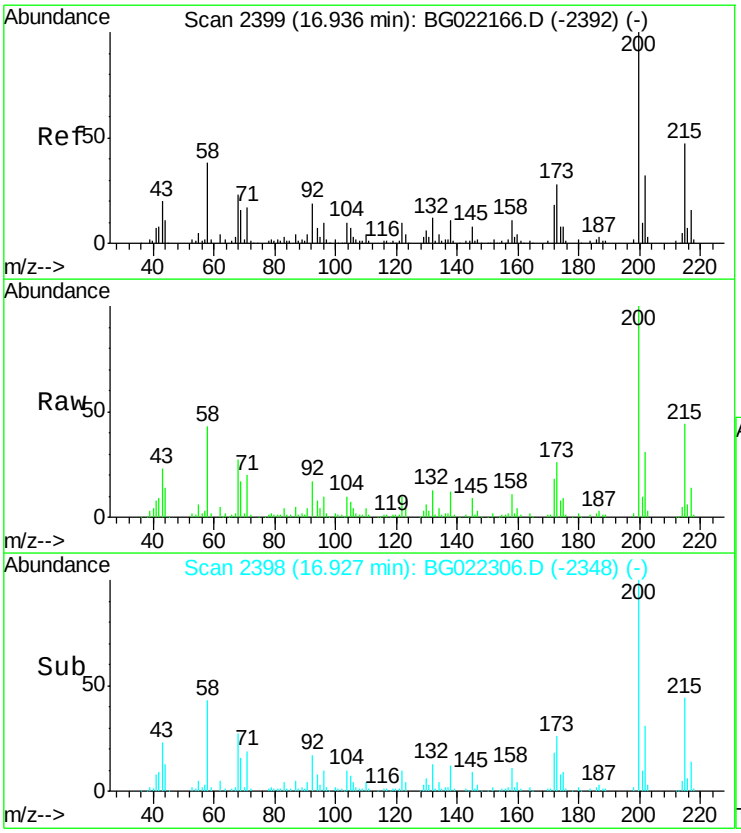
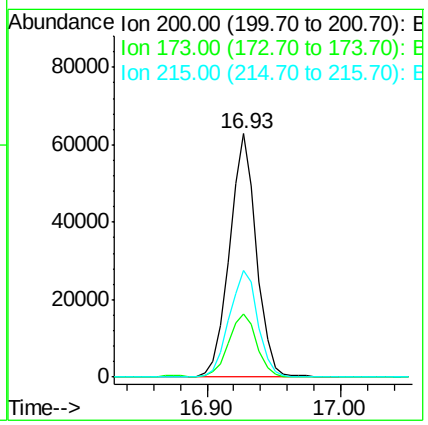
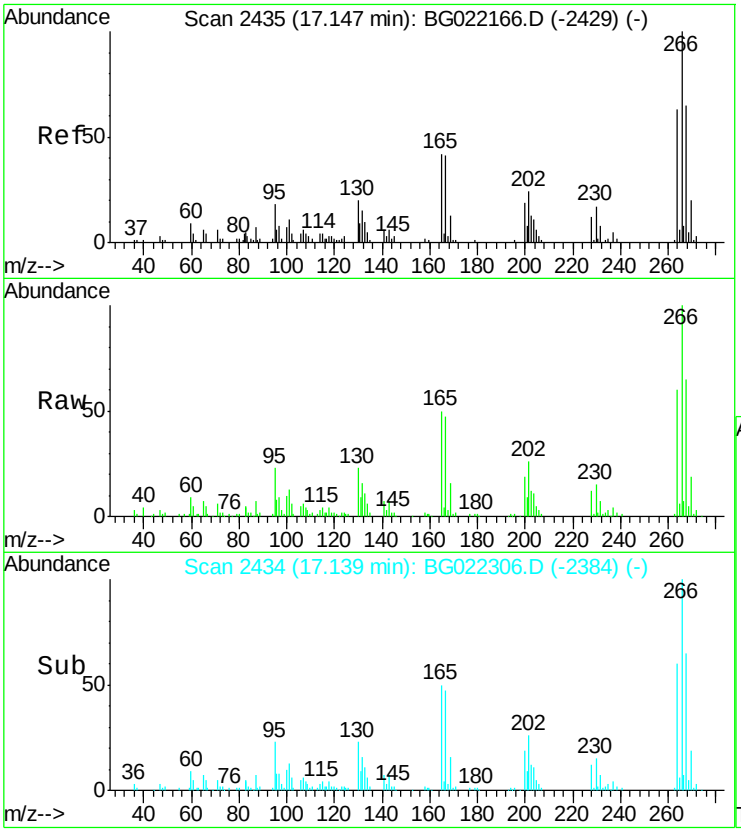



#68
Atrazine
Concen: 48.58 ng
RT: 16.93 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:200 Resp: 87950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 25.7 | 5.1 | 45.1 |
| 215 | 44.0 | 28.0 | 68.0 |

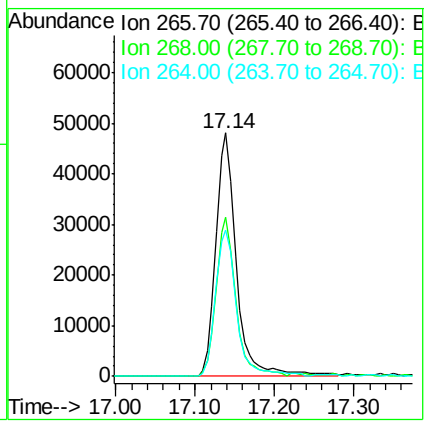





#69
Pentachlorophenol
Concen: 101.36 ng
RT: 17.14 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:266 Resp: 86873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 69.9 | 54.5 | 81.7 |
| 264 | 65.7 | 53.8 | 80.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

**Manual Integrations APPROVED**
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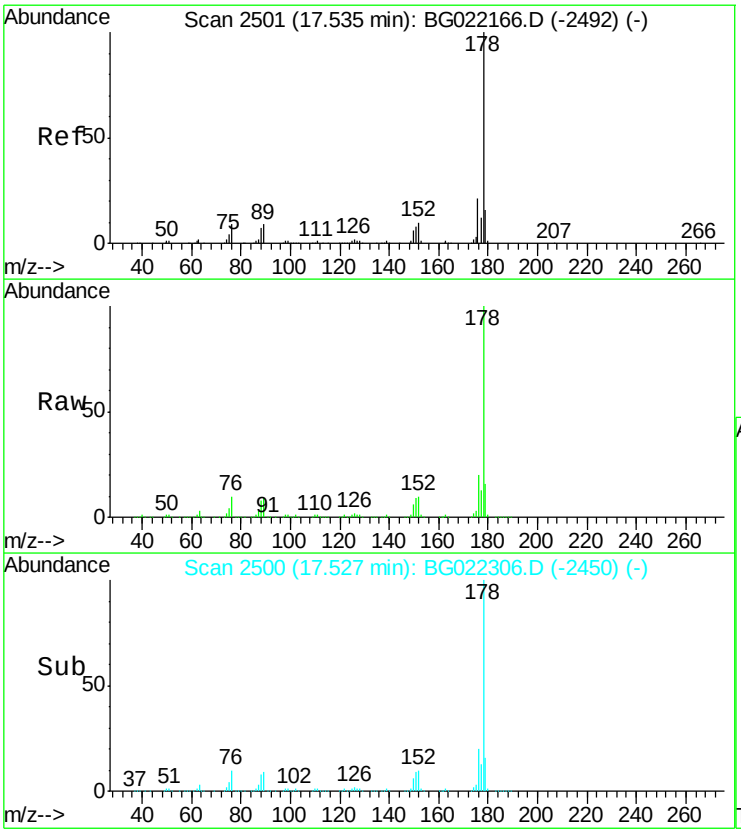
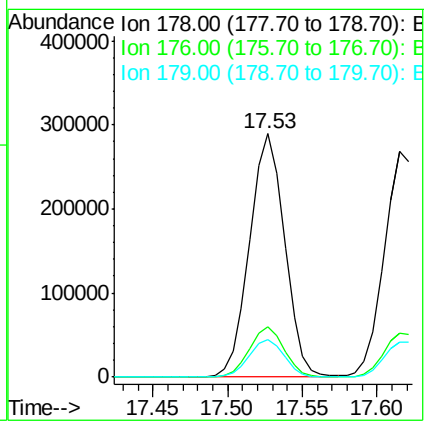
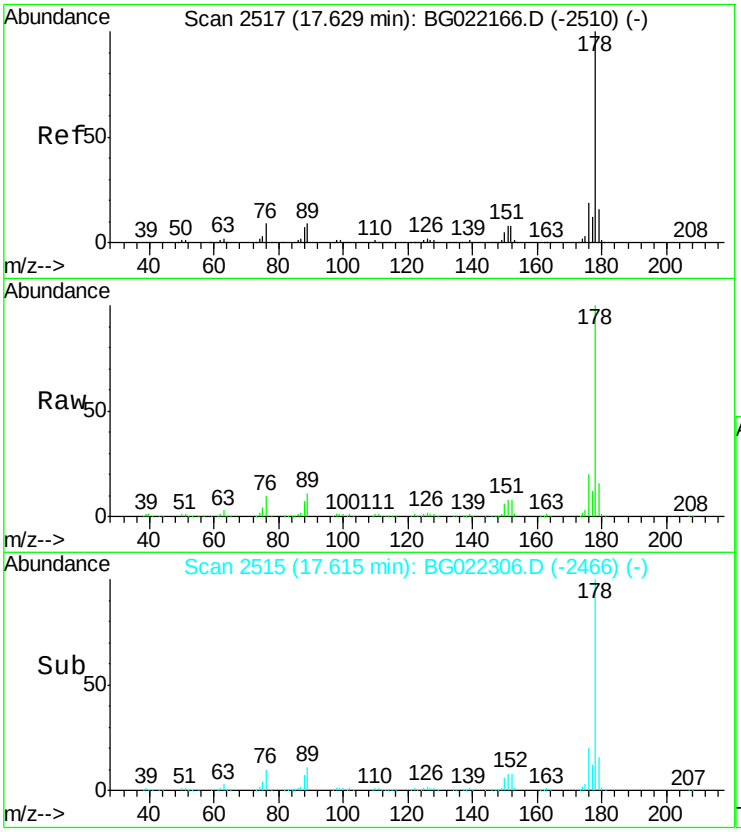



#70
Phenanthrene
Concen: 50.90 ng
RT: 17.53 min Scan# 2500
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:178 Resp: 469370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.5 | 16.2 | 24.4 |
| 179 | 15.6 | 12.0 | 18.0 |

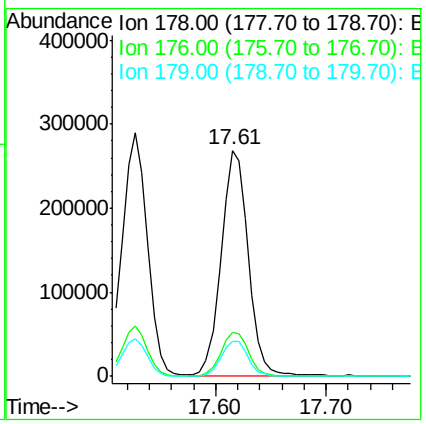





#71
Anthracene
Concen: 50.06 ng
RT: 17.61 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:178 Resp: 457890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 15.0 | 22.4 |
| 179 | 15.6 | 12.2 | 18.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

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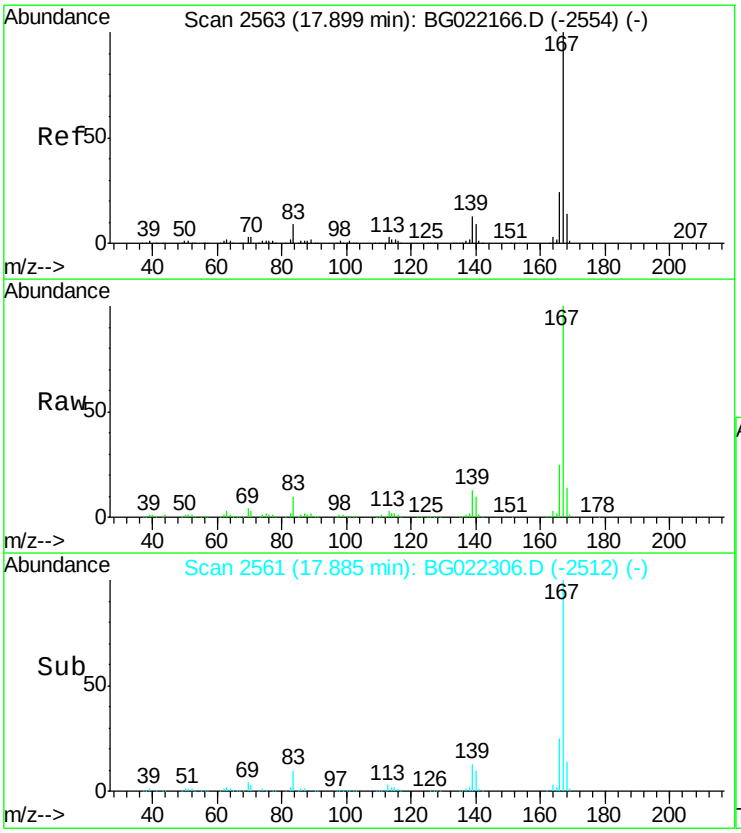
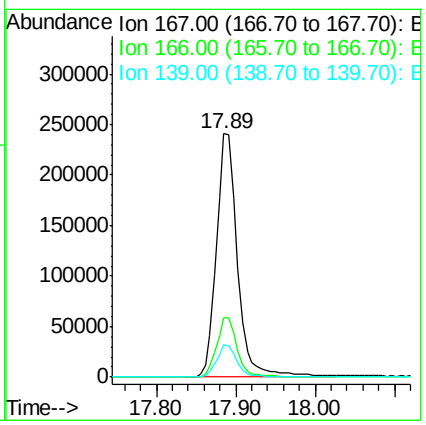
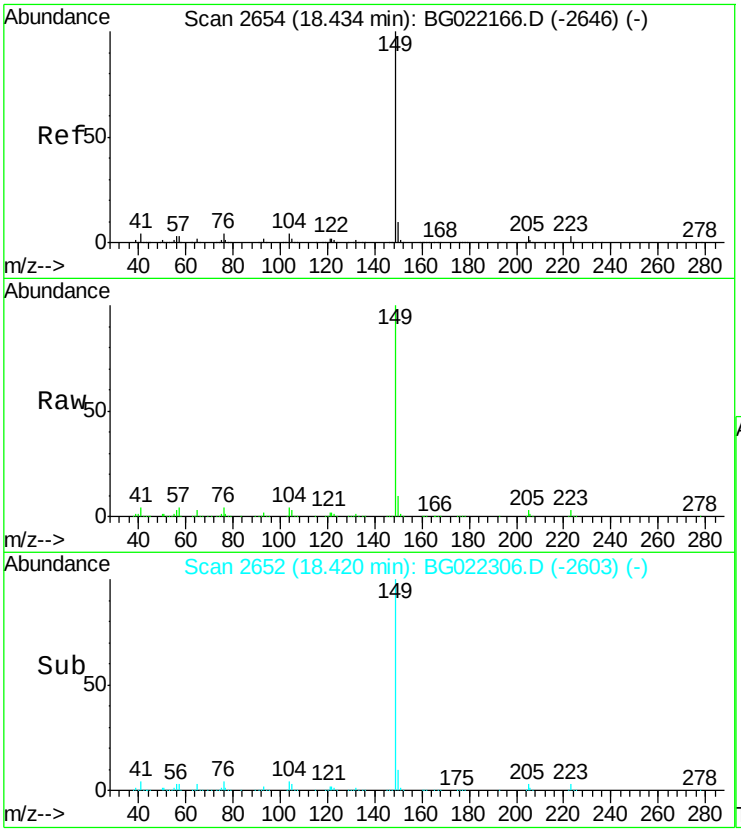



#72
Carbazole
Concen: 51.40 ng
RT: 17.89 min Scan# 2561
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:167 Resp: 445243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 24.6 | 18.6 | 27.8 |
| 139 | 13.4 | 10.6 | 15.8 |

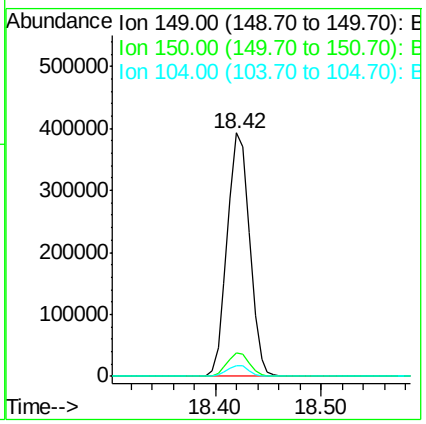





#73
Di-n-butylphthalate
Concen: 50.70 ng
RT: 18.42 min Scan# 2652
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:149 Resp: 574168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.5 | 7.4 | 11.0 |
| 104 | 4.5 | 4.0 | 6.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

**Manual Integrations APPROVED**
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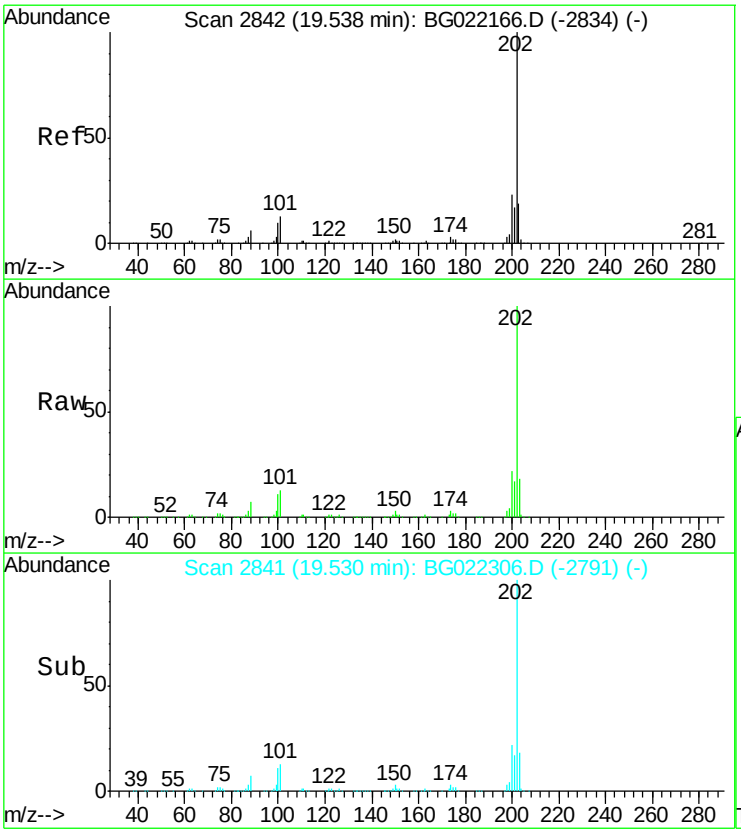
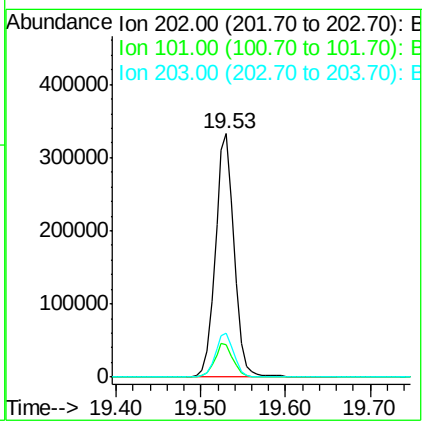
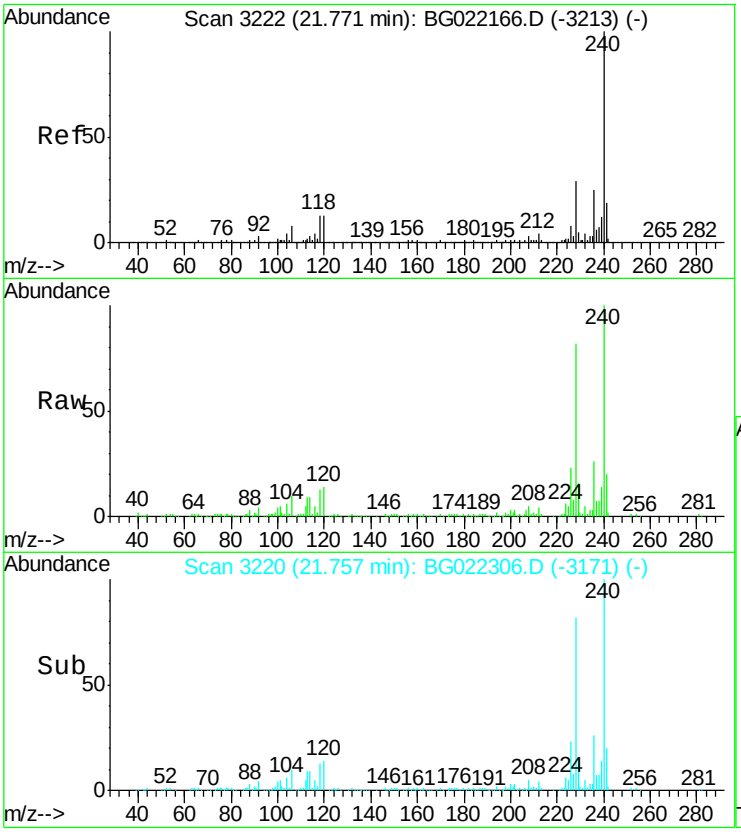



#74
Fluoranthene
Concen: 48.51 ng
RT: 19.53 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:202 Resp: 514293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.1 | 0.0 | 31.0 |
| 203 | 18.1 | 0.0 | 37.9 |






#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:240 Resp: 152530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.8 | 8.4 | 12.6# |
| 236 | 26.0 | 19.6 | 29.4 |

**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

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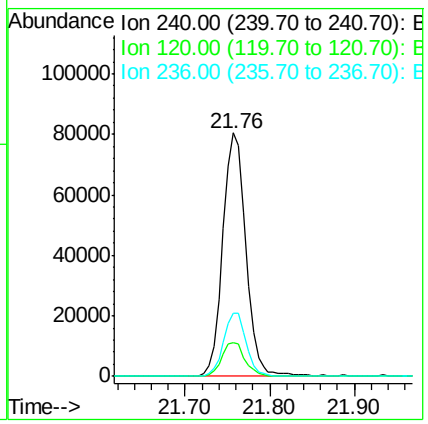
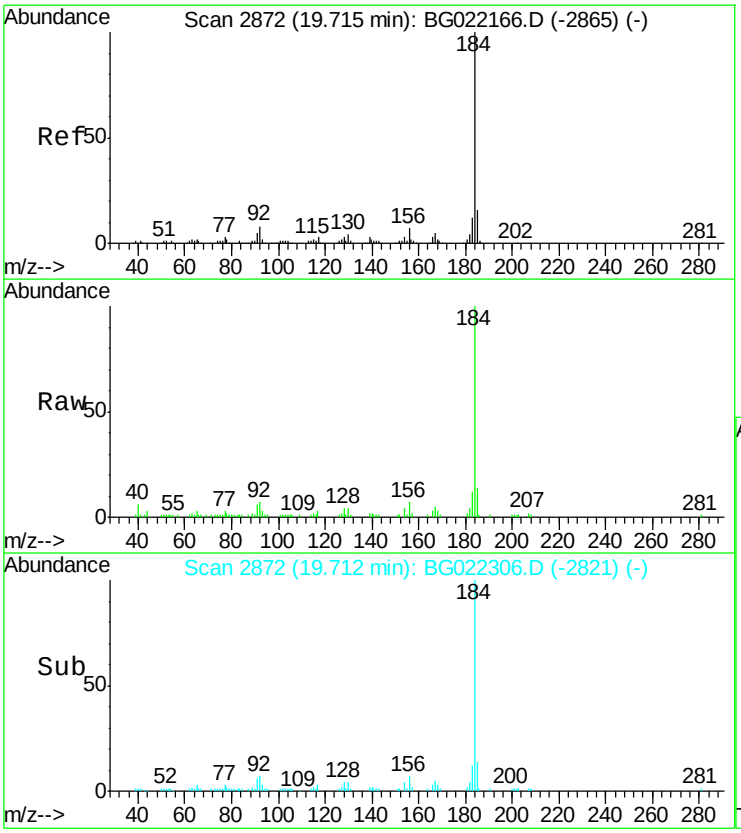
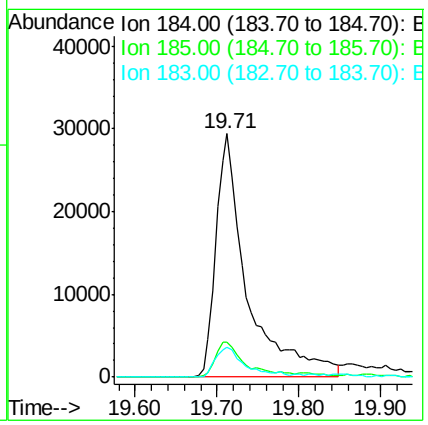


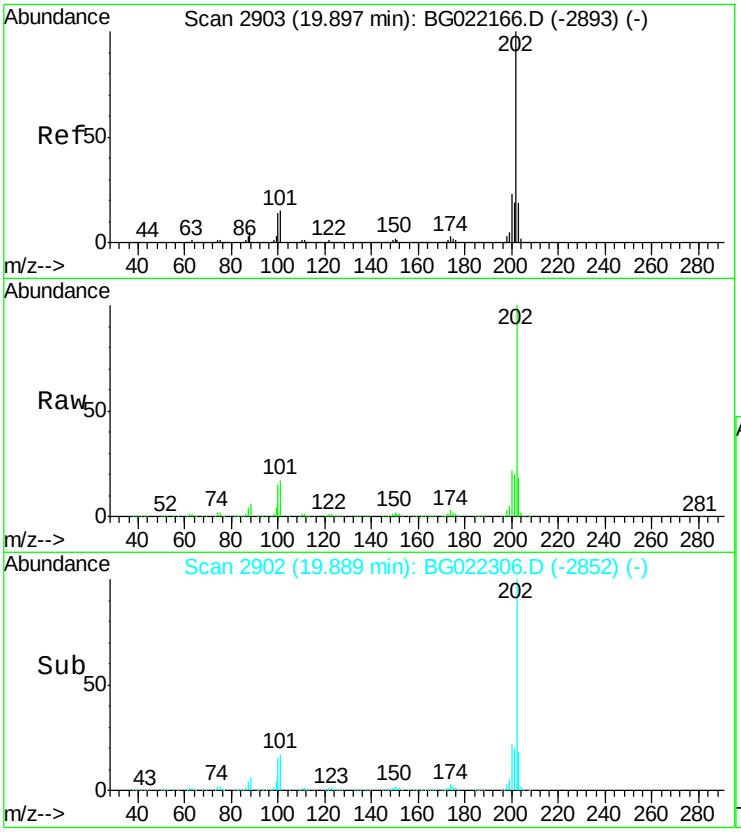




#76
Benzidine
Concen: 19.69 ng
RT: 19.71 min Scan# 2872
Delta R.T. -0.00 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:184 Resp: 78543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.3 | 11.5 | 17.3 |
| 183 | 12.0 | 10.2 | 15.4 |

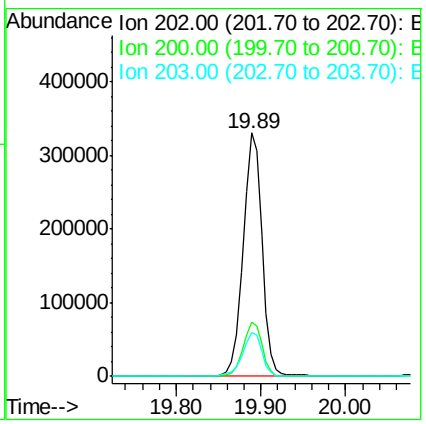





#77
Pyrene
Concen: 53.74 ng
RT: 19.89 min Scan# 2902
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:202 Resp: 509582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.5 | 18.2 | 27.2 |
| 203 | 18.1 | 15.0 | 22.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

**Manual Integrations APPROVED**
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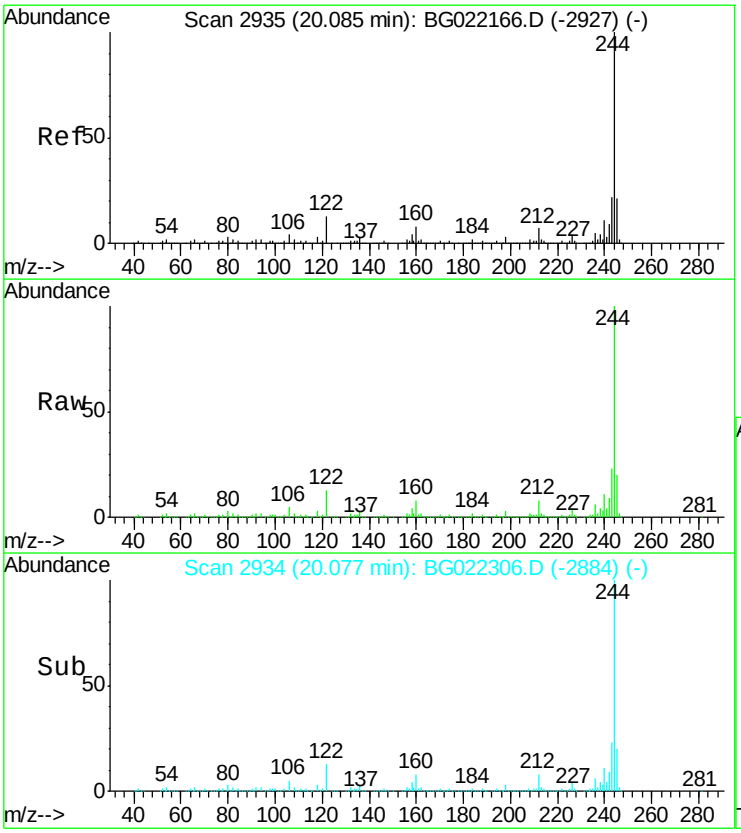
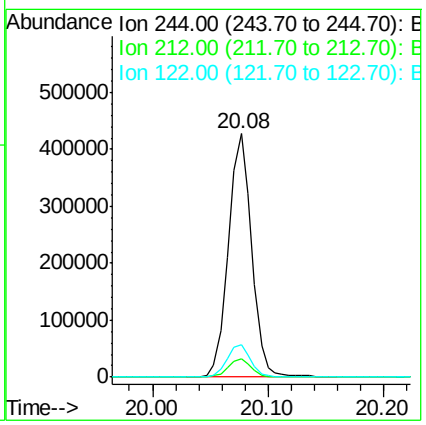
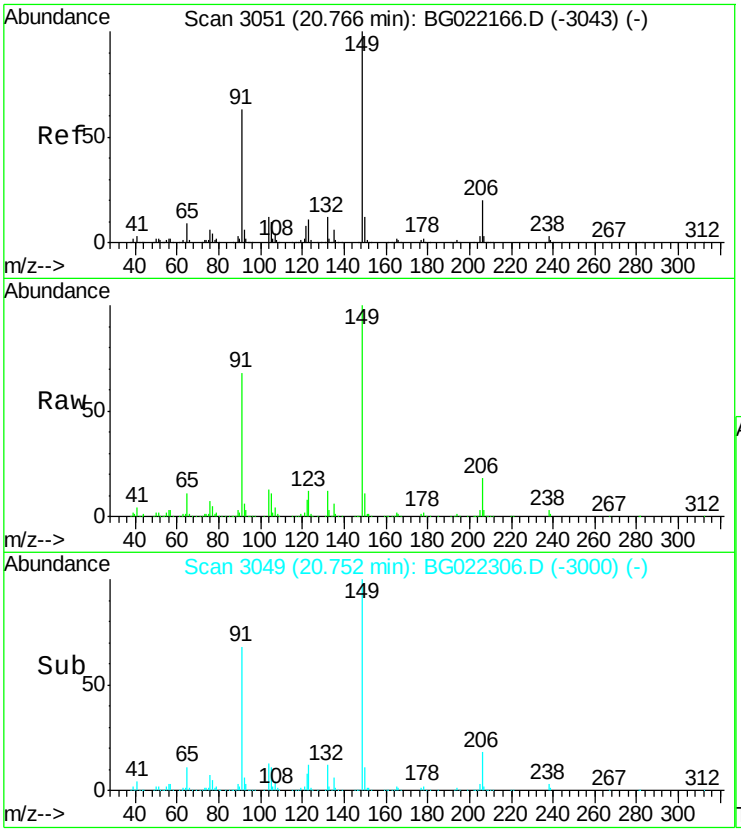



#78
Terphenyl-d14
Concen: 92.74 ng
RT: 20.08 min Scan# 2934
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:244 Resp: 595840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.7 | 6.5 | 9.7 |
| 122 | 13.5 | 8.6 | 12.8# |

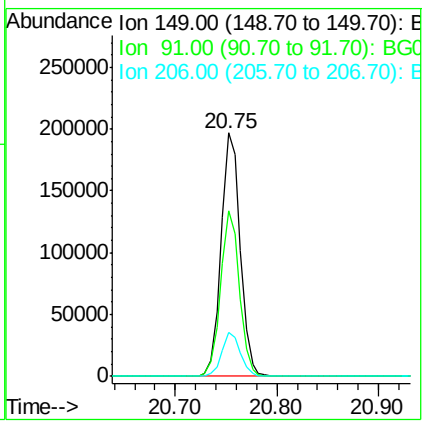





#79
Butylbenzylphthalate
Concen: 58.64 ng
RT: 20.75 min Scan# 3049
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:149 Resp: 257891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 67.8 | 57.8 | 86.8 |
| 206 | 17.8 | 17.0 | 25.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

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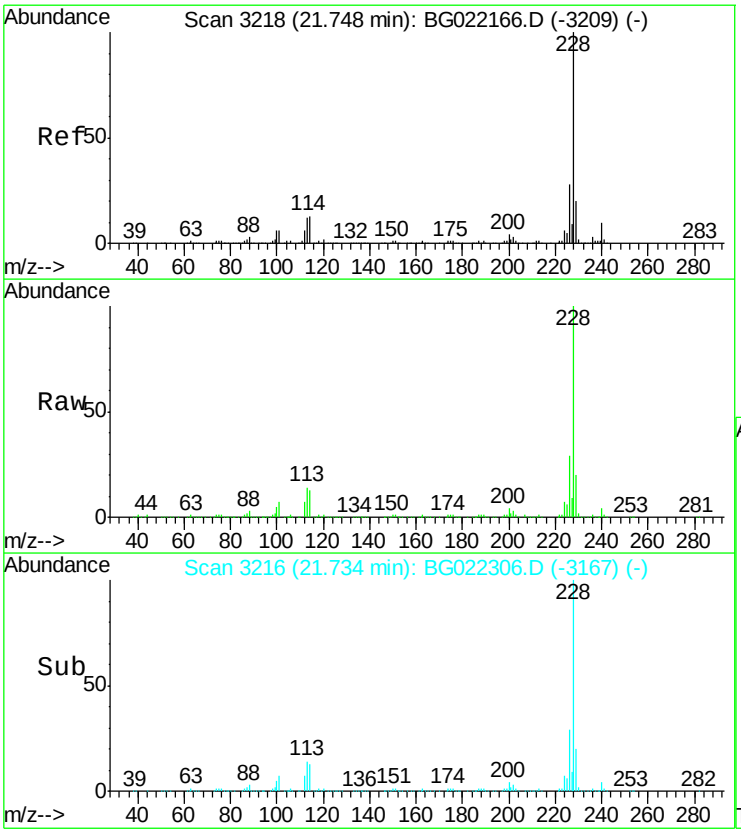
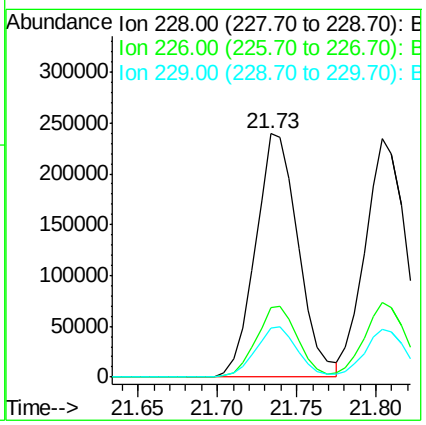
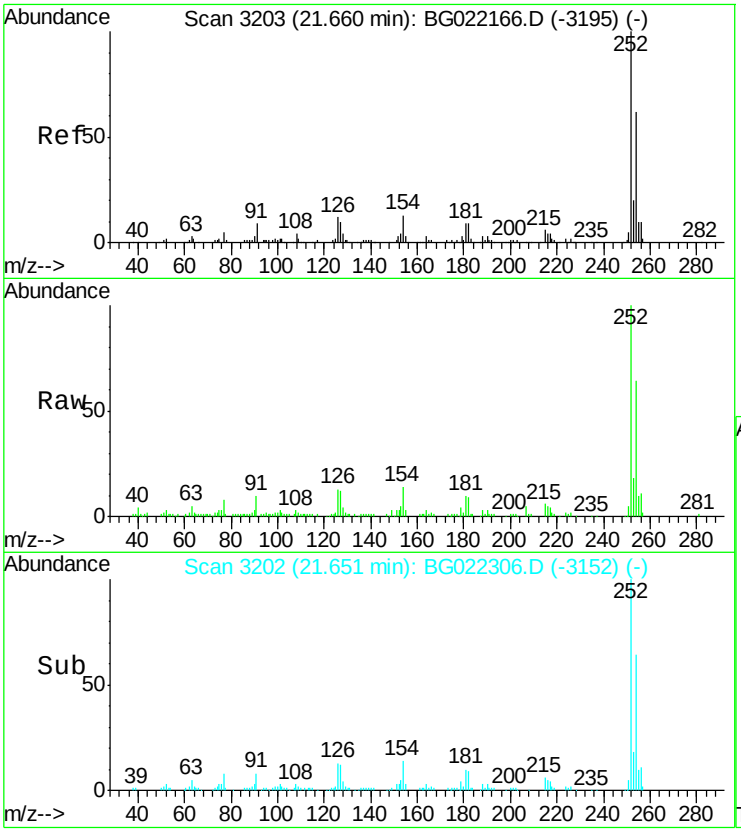



#80
Benzo(a)anthracene
Concen: 52.46 ng
RT: 21.73 min Scan# 3216
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:228 Resp: 448709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.6 | 22.6 | 34.0 |
| 229 | 20.0 | 16.1 | 24.1 |

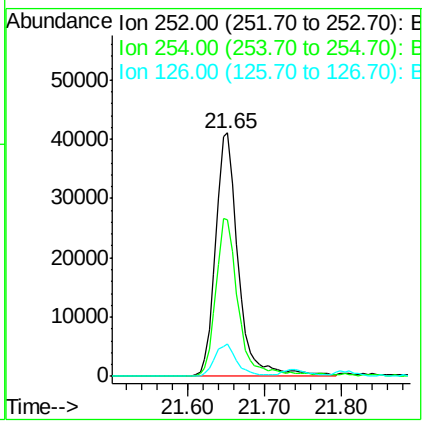





#81
3,3'-Dichlorobenzidine
Concen: 35.04 ng
RT: 21.65 min Scan# 3202
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:252 Resp: 84139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.2 | 51.8 | 77.6 |
| 126 | 13.1 | 8.8 | 13.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

**Manual Integrations APPROVED**
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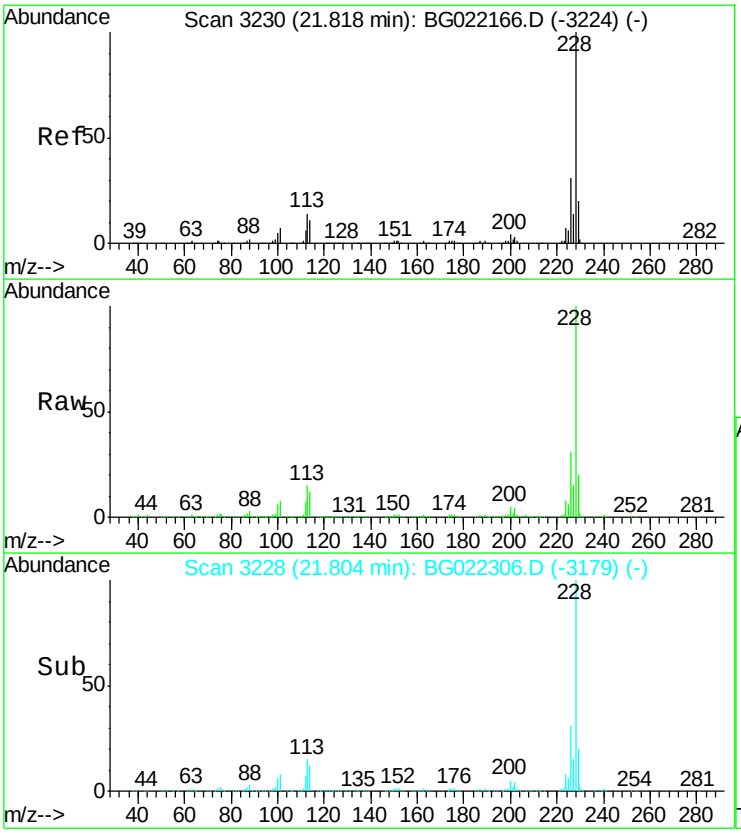
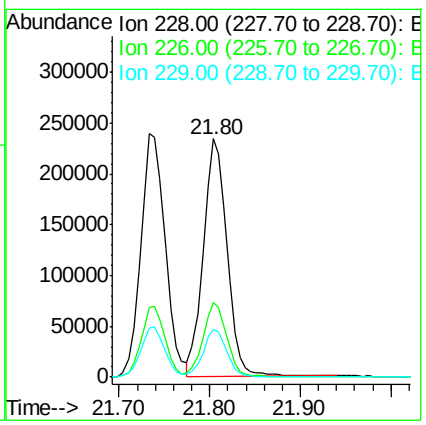
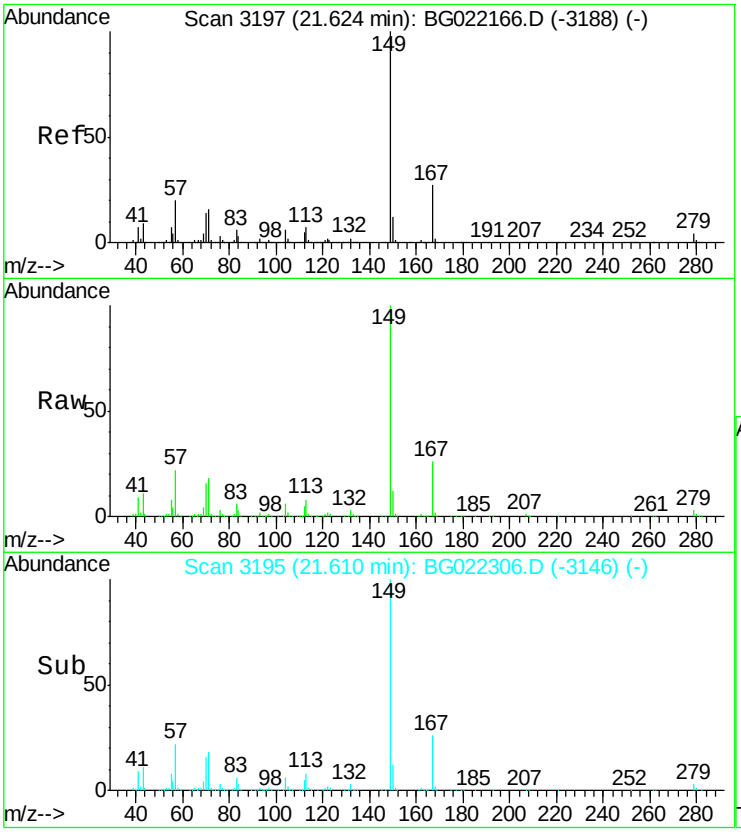



#82
Chrysene
Concen: 51.27 ng
RT: 21.80 min Scan# 3228
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:228 Resp: 426718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.2 | 25.4 | 38.0 |
| 229 | 20.1 | 15.9 | 23.9 |






#83
Bis(2-ethylhexyl)phthalate
Concen: 57.45 ng
RT: 21.61 min Scan# 3195
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:149 Resp: 371535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 25.8 | 22.4 | 33.6 |
| 279 | 3.2 | 3.2 | 4.8# |

**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

**Manual Integrations APPROVED**
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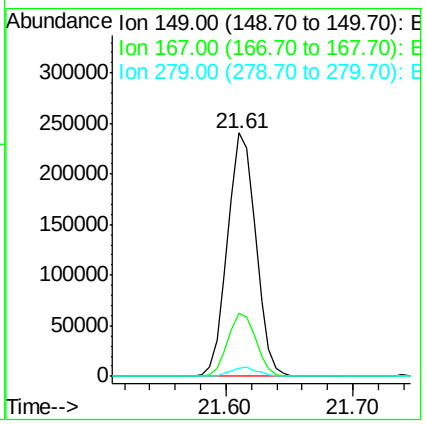
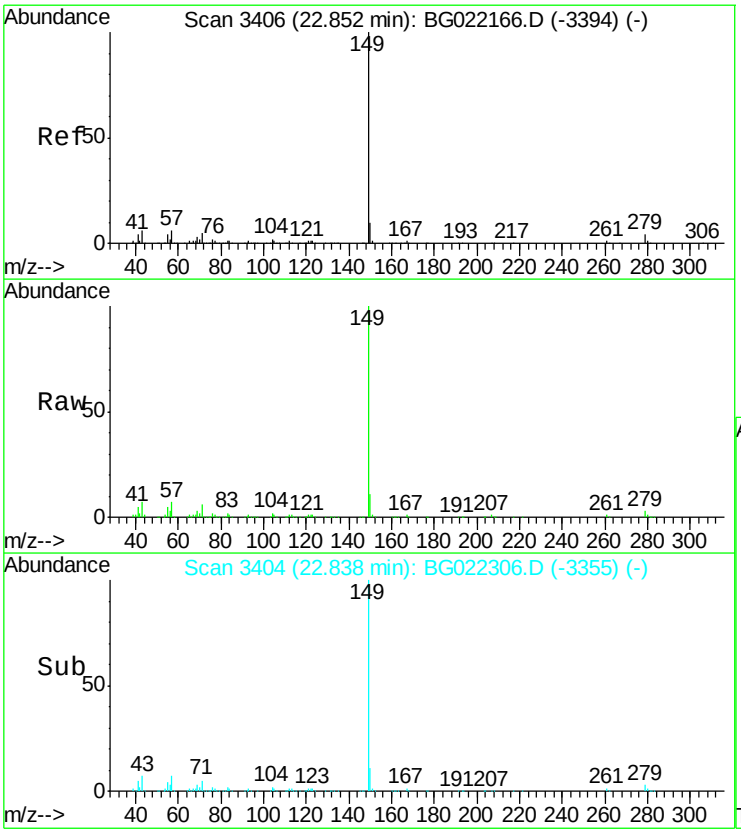
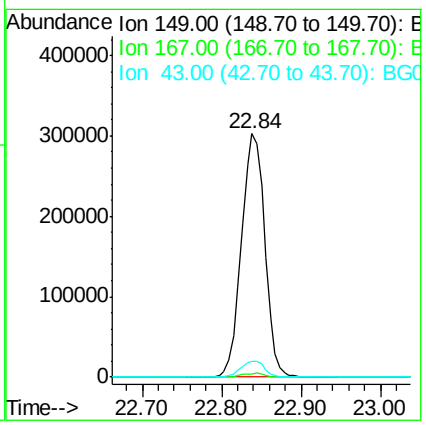


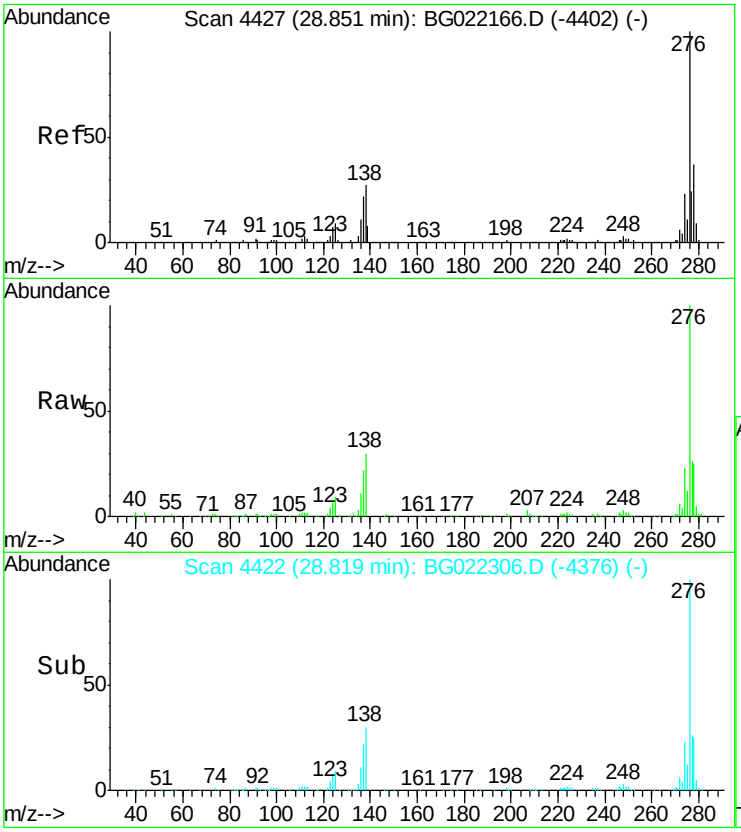




#84
Di-n-octyl phthalate
Concen: 57.69 ng
RT: 22.84 min Scan# 3404
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:149 Resp: 619451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.3 | 1.9 |
| 43 | 6.6 | 9.8 | 14.6# |






#85
Indeno(1,2,3-cd)pyrene
Concen: 49.97 ng
RT: 28.82 min Scan# 4422
Delta R.T. -0.03 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:276 Resp: 466574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 15.2 | 14.0 | 21.0 |
| 277 | 13.3 | 20.6 | 30.8# |

**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

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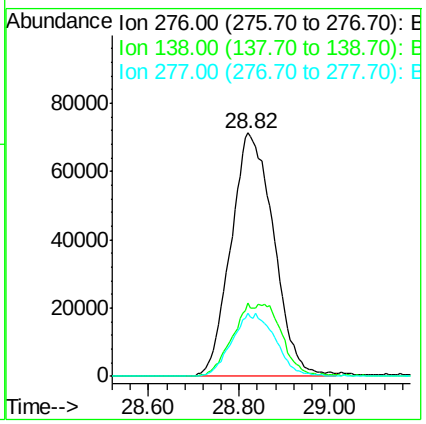
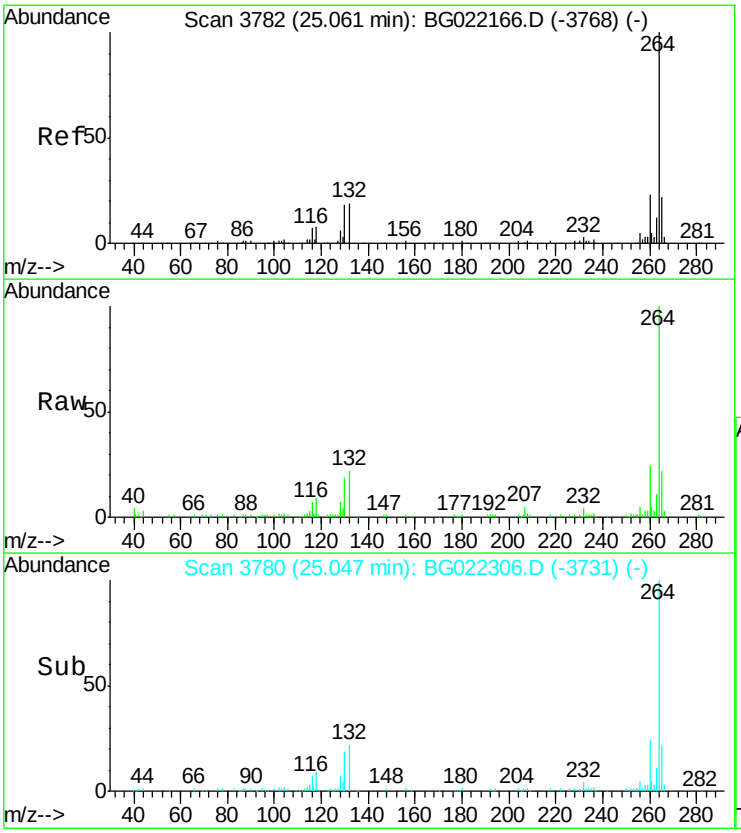
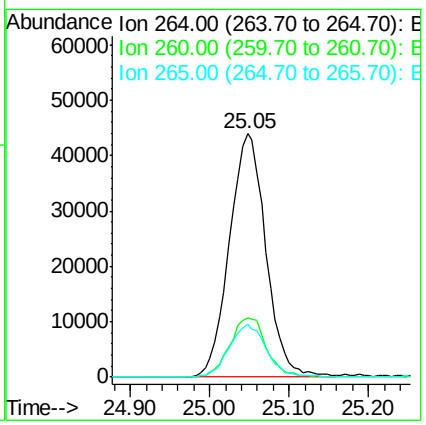


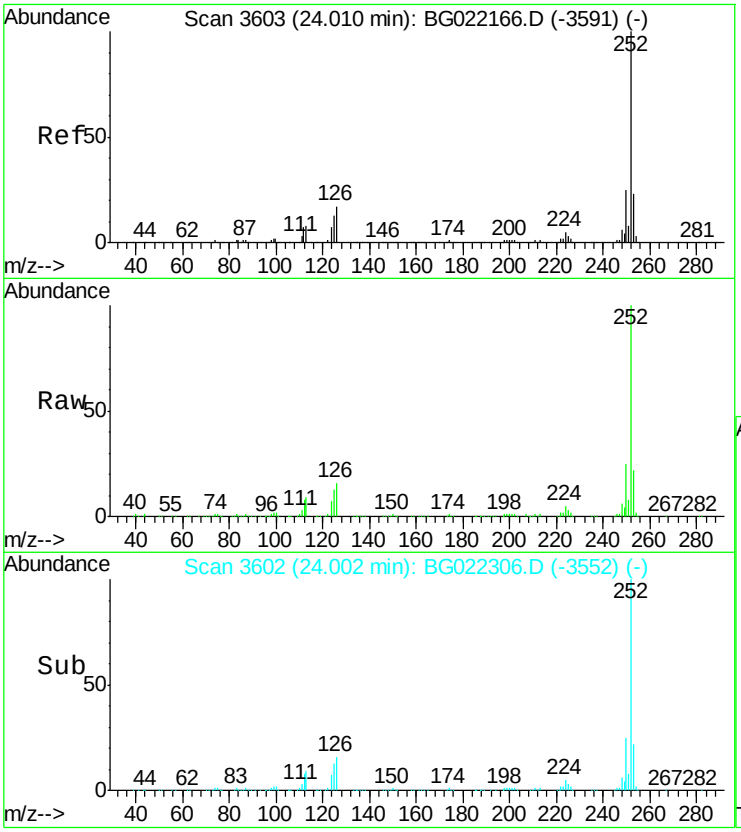




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.05 min Scan# 3780
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:264 Resp: 139660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.5 | 20.2 | 30.4 |
| 265 | 21.6 | 17.8 | 26.8 |

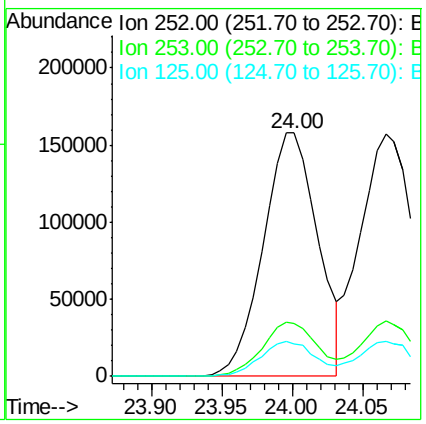





#87
Benzo(b)fluoranthene
Concen: 52.32 ng
RT: 24.00 min Scan# 3602
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:252 Resp: 426157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.5 | 17.5 | 26.3 |
| 125 | 13.2 | 8.6 | 13.0# |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

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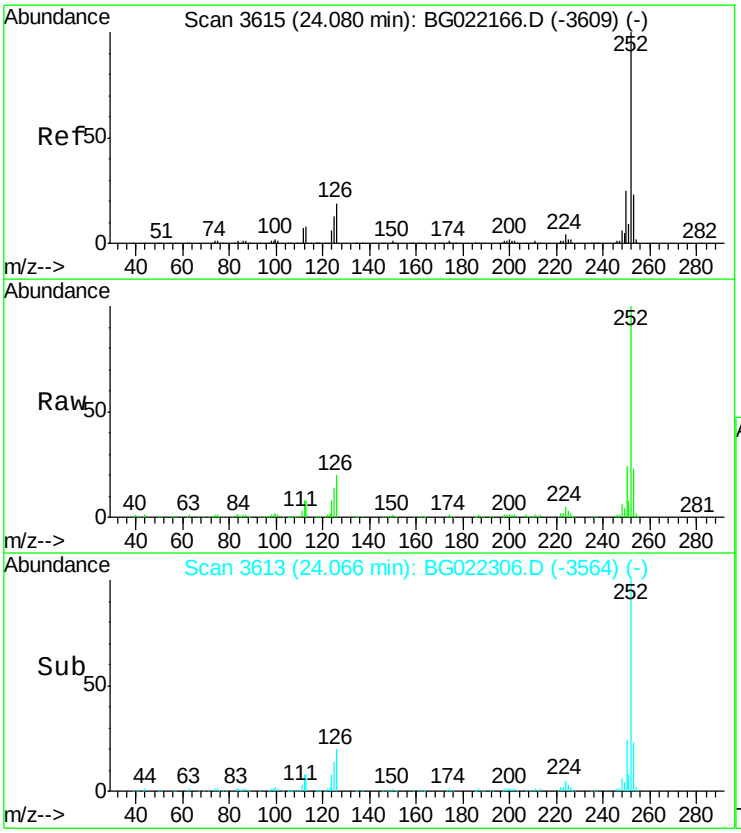
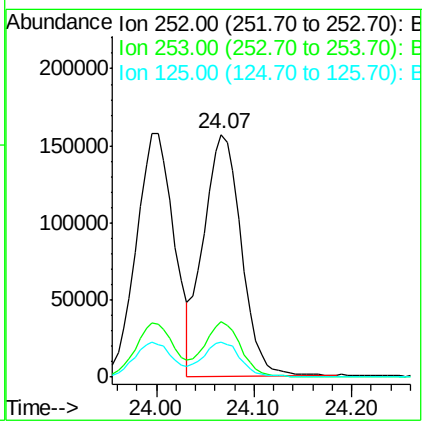
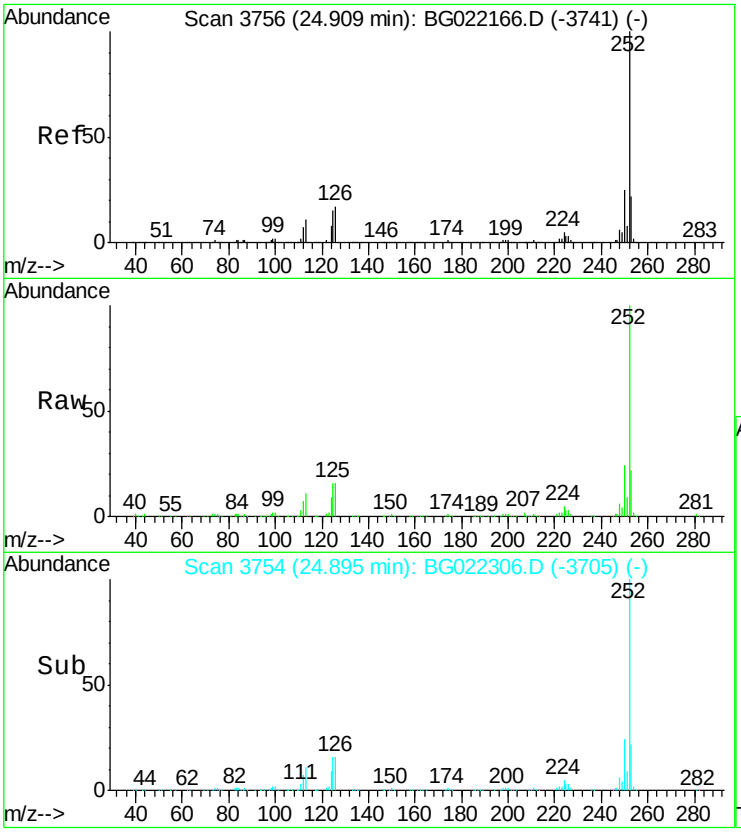



#88
Benzo(k)fluoranthene
Concen: 52.47 ng
RT: 24.07 min Scan# 3613
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:252 Resp: 420741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.9 | 17.8 | 26.8 |
| 125 | 14.4 | 8.3 | 12.5# |






#89
Benzo(a)pyrene
Concen: 53.03 ng
RT: 24.89 min Scan# 3754
Delta R.T. -0.01 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:252 Resp: 413038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.1 | 25.7 |
| 125 | 16.1 | 9.6 | 14.4# |

**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

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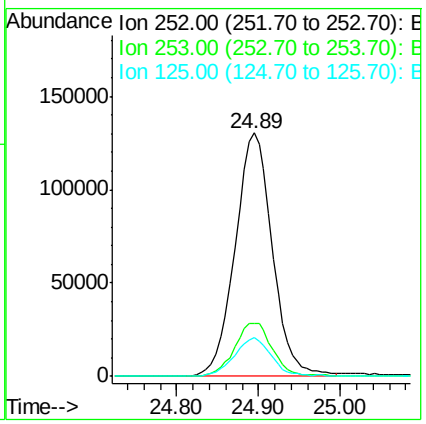
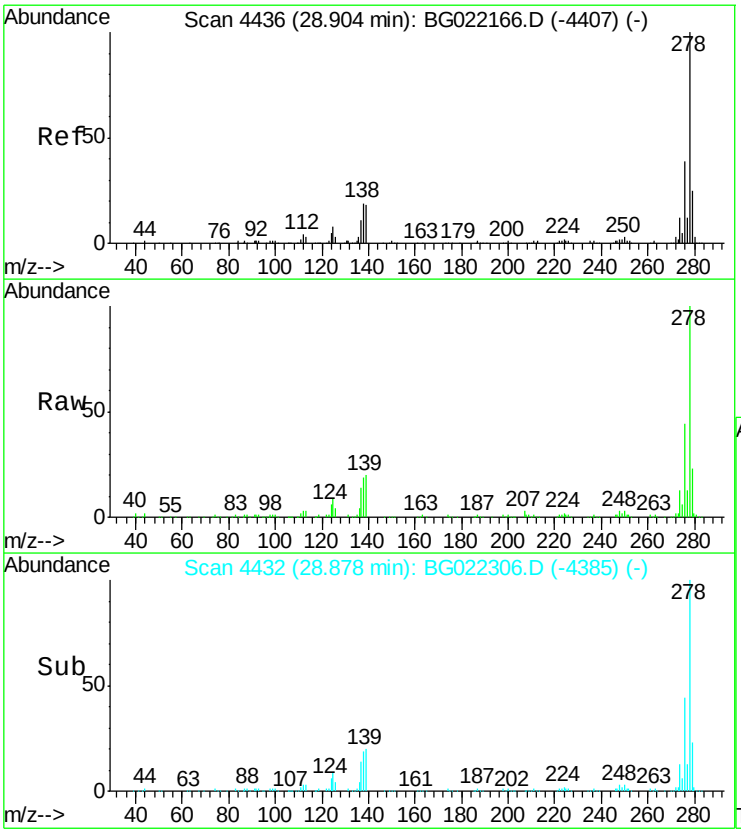
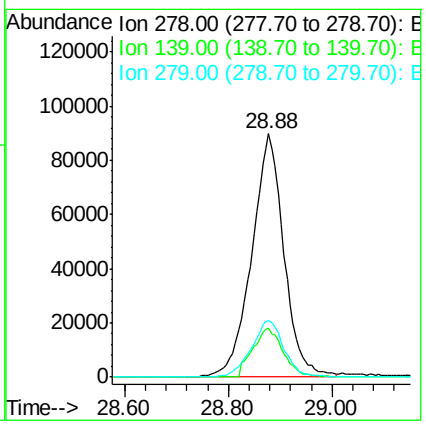


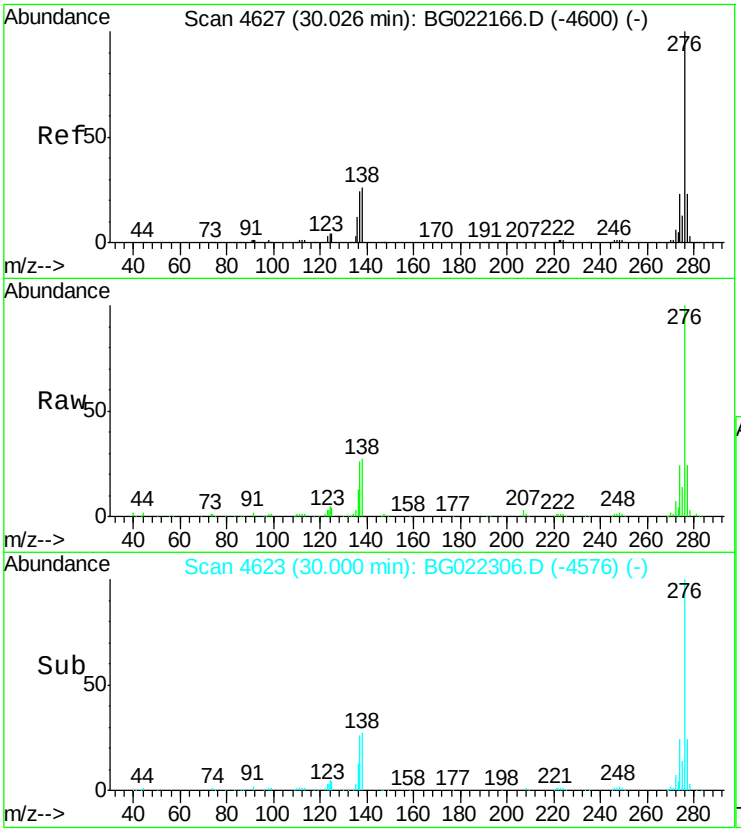




#90
Dibenzo(a,h)anthracene
Concen: 52.75 ng
RT: 28.88 min Scan# 4432
Delta R.T. -0.03 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:278 Resp: 386924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 20.0 | 11.9 | 17.9# |
| 279 | 23.3 | 18.2 | 27.2 |

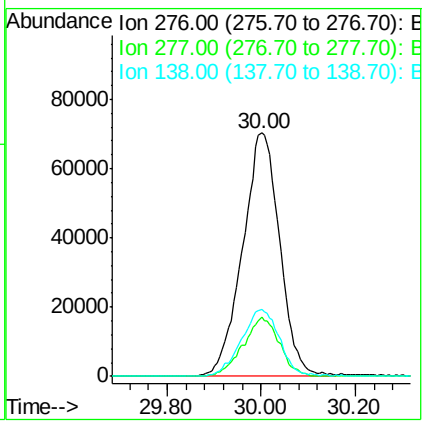





#91
Benzo(g,h,i)perylene
Concen: 50.61 ng
RT: 30.00 min Scan# 4623
Delta R.T. -0.03 min
Lab File: BG022306.D
Acq: 11 Jun 2016 3:56

Tgt Ion:276 Resp: 386188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.1 | 19.4 | 29.2 |
| 138 | 27.3 | 17.4 | 26.0# |




**Instrument :**
BNA_G
**ClientSampleId :**
11-VE-PILE-WALL(0-2)MS

**Manual Integrations APPROVED**
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