Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
Data File : BG034123.D
Acq On : 2 May 2018 19:29
Operator : SJ/JU
Sample : J2157-14MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: May 03 04:46:06 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 19:08:03 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.07 | 152 | 76135 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.89 | 136 | 289424 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.72 | 164 | 231104 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.47 | 188 | 617888 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.77 | 240 | 681114 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 25.05 | 264 | 712319 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.64 | 112 | 684010 | 145.15 | ng | | 0.00 |
| 7) Phenol-d6 | 7.22 | 99 | 943569 | 128.62 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.24 | 82 | 770290 | 102.11 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.21 | 330 | 480883 | 150.27 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.34 | 172 | 1474506 | 92.97 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.09 | 244 | 2910503 | 93.61 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.57 | 88 | 81272 | 41.07 | ng | # | 81 |
| 3) Pyridine | 3.96 | 79 | 206441 | 33.25 | ng | # | 78 |
| 4) n-Nitrosodimethylamine | 3.86 | 42 | 164672 | 48.64 | ng | # | 79 |
| 6) Aniline | 7.39 | 93 | 118584 | 11.88 | ng | | 98 |
| 8) 2-Chlorophenol | 7.64 | 128 | 229124 | 48.73 | ng | | 88 |
| 9) Benzaldehyde | 7.21 | 77 | 79392 | 15.88 | ng | | 95 |
| 10) Phenol | 7.25 | 94 | 335341 | 45.32 | ng | | 79 |
| 11) bis(2-Chloroethyl)ether | 7.49 | 93 | 265685 | 45.61 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.96 | 146 | 249139 | 41.88 | ng | # | 84 |
| 13) 1,4-Dichlorobenzene | 8.11 | 146 | 258021 | 43.67 | ng | | 91 |
| 14) 1,2-Dichlorobenzene | 8.11 | 146 | 258021 | 45.98 | ng | | 86 |
| 15) Benzyl Alcohol | 8.31 | 79 | 376969 | 48.17 | ng | # | 87 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.60 | 45 | 357266 | 44.58 | ng | | 82 |
| 17) 2-Methylphenol | 8.51 | 107 | 227801 | 46.79 | ng | # | 77 |
| 18) Hexachloroethane | 9.16 | 117 | 108147 | 43.03 | ng | | 94 |
| 19) n-Nitroso-di-n-propylamine | 8.88 | 70 | 271008 | 41.13 | ng | | 95 |
| 20) 3+4-Methylphenols | 8.83 | 107 | 307216 | 42.60 | ng | | 81 |
| 22) Acetophenone | 8.90 | 105 | 438305 | 44.46 | ng | | 93 |
| 24) Nitrobenzene | 9.28 | 77 | 409566 | 49.60 | ng | # | 85 |
| 25) Isophorone | 9.80 | 82 | 737349 | 47.92 | ng | # | 96 |
| 26) 2-Nitrophenol | 10.00 | 139 | 126556 | 55.37 | ng | # | 64 |
| 27) 2,4-Dimethylphenol | 10.05 | 122 | 258522 | 58.34 | ng | | 89 |
| 28) bis(2-Chloroethoxy)methane | 10.29 | 93 | 378266 | 50.04 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.53 | 162 | 279563 | 52.78 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 10.75 | 180 | 304148 | 47.69 | ng | | 93 |
| 31) Naphthalene | 10.94 | 128 | 720275 | 47.35 | ng | | 100 |
| 32) Benzoic acid | 10.18 | 122 | 154411 | 40.37 | ng | # | 73 |
| 34) Hexachlorobutadiene | 11.23 | 225 | 255423 | 47.31 | ng | | 98 |
| 35) Caprolactam | 11.81 | 113 | 41691 | 22.16 | ng | # | 77 |
| 36) 4-Chloro-3-methylphenol | 12.16 | 107 | 354094 | 51.56 | ng | | 91 |
| 37) 2-Methylnaphthalene | 12.55 | 142 | 580312 | 47.05 | ng | # | 89 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.91 | 216 | 412530 | 46.13 | ng | # | 98 |
| 40) Hexachlorocyclopentadiene | 12.89 | 237 | 568692 | 107.32 | ng | | 94 |
| 42) 2,4,6-Trichlorophenol | 13.15 | 196 | 270069 | 51.98 | ng | | 95 |

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Sample : J2157-14MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: May 03 04:46:06 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 19:08:03 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 43) 2,4,5-Trichlorophenol | 13.22 | 196 | 287769 | 50.10 | ng | # | 89 |
| 45) 1,1'-Biphenyl | 13.55 | 154 | 813878 | 45.08 | ng | | 99 |
| 46) 2-Chloronaphthalene | 13.59 | 162 | 635900 | 46.52 | ng | | 95 |
| 47) 2-Nitroaniline | 13.79 | 65 | 275431 | 50.40 | ng | # | 82 |
| 48) Acenaphthylene | 14.44 | 152 | 973646 | 44.62 | ng | | 99 |
| 49) Dimethylphthalate | 14.17 | 163 | 913436 | 45.58 | ng | # | 99 |
| 50) 2,6-Dinitrotoluene | 14.29 | 165 | 204642 | 53.17 | ng | # | 80 |
| 51) Acenaphthene | 14.78 | 154 | 647186 | 43.64 | ng | | 97 |
| 52) 3-Nitroaniline | 14.62 | 138 | 25253 | 6.51 | ng | # | 77 |
| 53) 2,4-Dinitrophenol | 14.82 | 184 | 237698 | 157.87 | ng | # | 72 |
| 54) Dibenzofuran | 15.12 | 168 | 1009382 | 46.94 | ng | | 91 |
| 55) 4-Nitrophenol | 14.91 | 139 | 296766 | 100.23 | ng | # | 40 |
| 56) 2,4-Dinitrotoluene | 15.07 | 165 | 288381 | 55.18 | ng | | 88 |
| 57) Fluorene | 15.77 | 166 | 849210 | 45.31 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.34 | 232 | 317256 | 53.39 | ng | | 95 |
| 59) Diethylphthalate | 15.54 | 149 | 956678 | 45.11 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.76 | 204 | 527063 | 47.27 | ng | | 94 |
| 61) 4-Nitroaniline | 15.78 | 138 | 165964 | 40.33 | ng | # | 43 |
| 62) Azobenzene | 16.05 | 77 | 1061976 | 46.36 | ng | | 93 |
| 64) 4,6-Dinitro-2-methylphenol | 15.84 | 198 | 164478 | 56.62 | ng | | 94 |
| 65) n-Nitrosodiphenylamine | 15.97 | 169 | 773779 | 45.93 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 16.66 | 248 | 358529 | 46.74 | ng | | 96 |
| 67) Hexachlorobenzene | 16.77 | 284 | 358640 | 46.05 | ng | # | 93 |
| 68) Atrazine | 16.92 | 200 | 346508 | Below Cal | | | 95 |
| 69) Pentachlorophenol | 17.11 | 266 | 507314 | 93.47 | ng | | 98 |
| 70) Phenanthrene | 17.51 | 178 | 1484769 | 46.76 | ng | | 97 |
| 71) Anthracene | 17.61 | 178 | 1519712 | 47.23 | ng | | 99 |
| 72) Carbazole | 17.87 | 167 | 1370307 | 46.52 | ng | # | 95 |
| 73) Di-n-butylphthalate | 18.44 | 149 | 1602501 | 45.20 | ng | # | 96 |
| 74) Fluoranthene | 19.52 | 202 | 1924187 | 47.96 | ng | | 93 |
| 76) Benzidine | 19.72 | 184 | 107577 | 6.13 | ng | # | 96 |
| 77) Pyrene | 19.88 | 202 | 1915398 | 44.88 | ng | | 96 |
| 79) Butylbenzylphthalate | 20.78 | 149 | 765222 | 45.94 | ng | | 86 |
| 80) Benzo(a)anthracene | 21.74 | 228 | 2068744 | 47.39 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 21.65 | 252 | 303605 | 18.39 | ng | # | 98 |
| 82) Chrysene | 21.81 | 228 | 1938792 | 46.40 | ng | | 97 |
| 83) Bis(2-ethylhexyl)phthalate | 21.67 | 149 | 1042679 | 45.48 | ng | | 98 |
| 84) Di-n-octyl phthalate | 22.92 | 149 | 1795396 | 49.03 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 28.82 | 276 | 2348921 | 51.09 | ng | # | 87 |
| 87) Benzo(b)fluoranthene | 24.01 | 252 | 2147121 | 47.72 | ng | # | 95 |
| 88) Benzo(k)fluoranthene | 24.08 | 252 | 1987339 | 46.21 | ng | # | 95 |
| 89) Benzo(a)pyrene | 24.90 | 252 | 2030227 | 48.23 | ng | # | 96 |
| 90) Dibenzo(a,h)anthracene | 28.89 | 278 | 1933091 | 48.71 | ng | # | 94 |
| 91) Benzo(g,h,i)perylene | 30.00 | 276 | 1942490 | 49.66 | ng | # | 91 |

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

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Acq On : 2 May 2018 19:29
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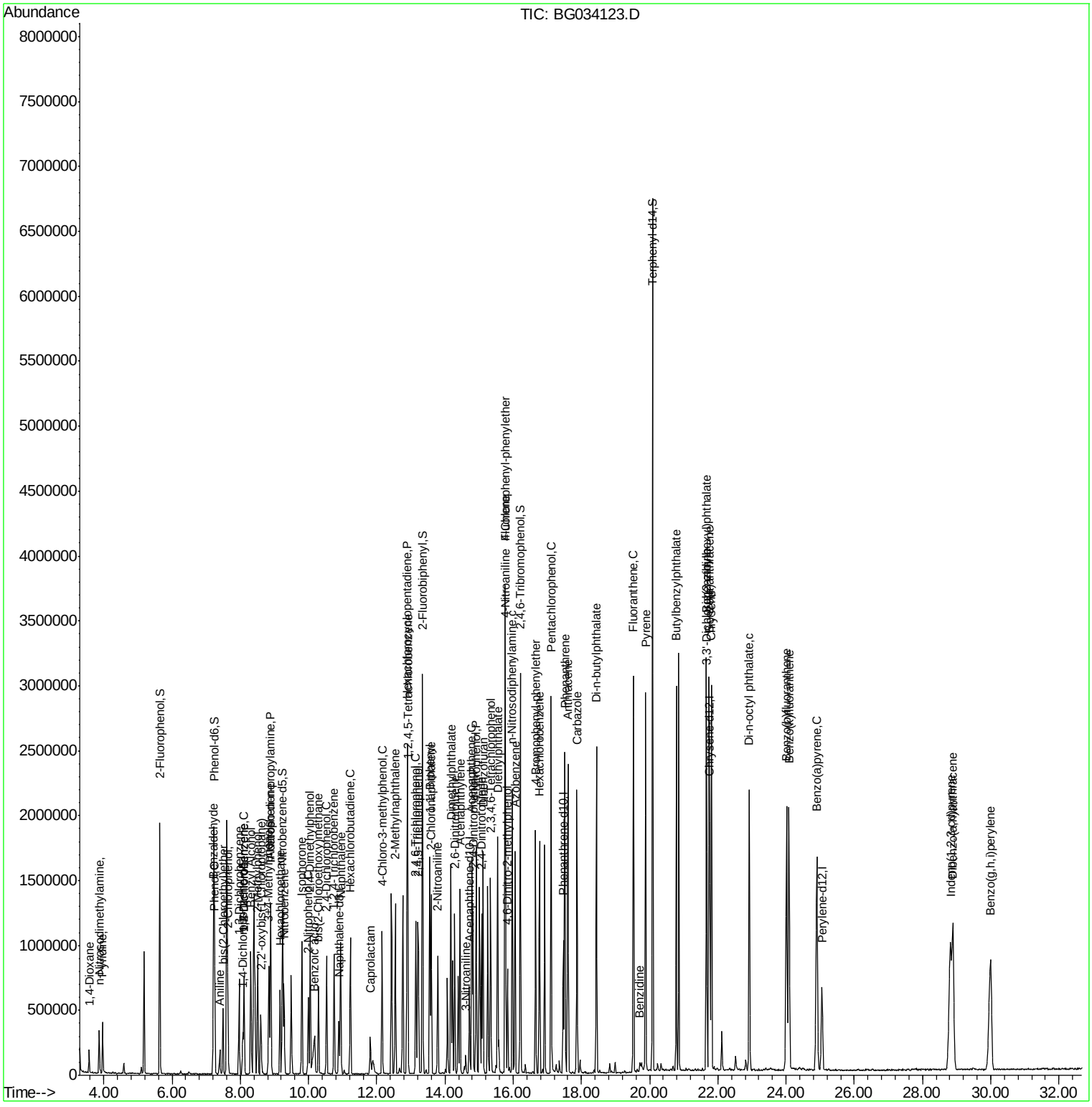
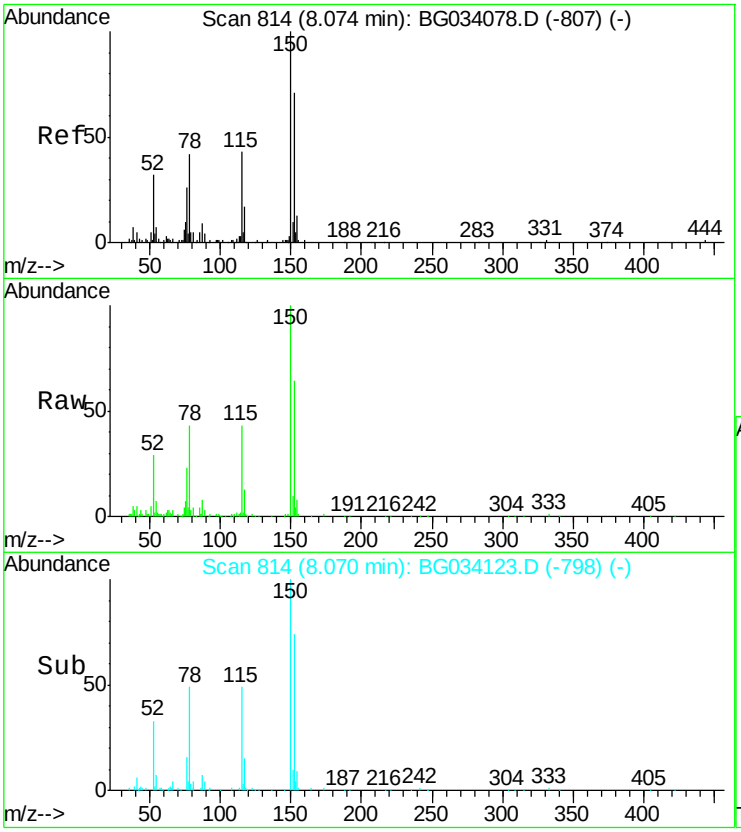
Sample : J2157-14MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: May 03 04:46:06 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 19:08:03 2018
Response via : Initial Calibration



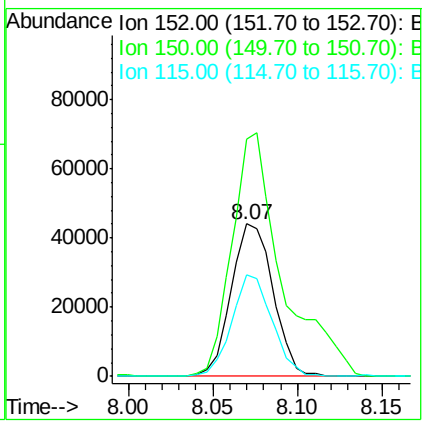


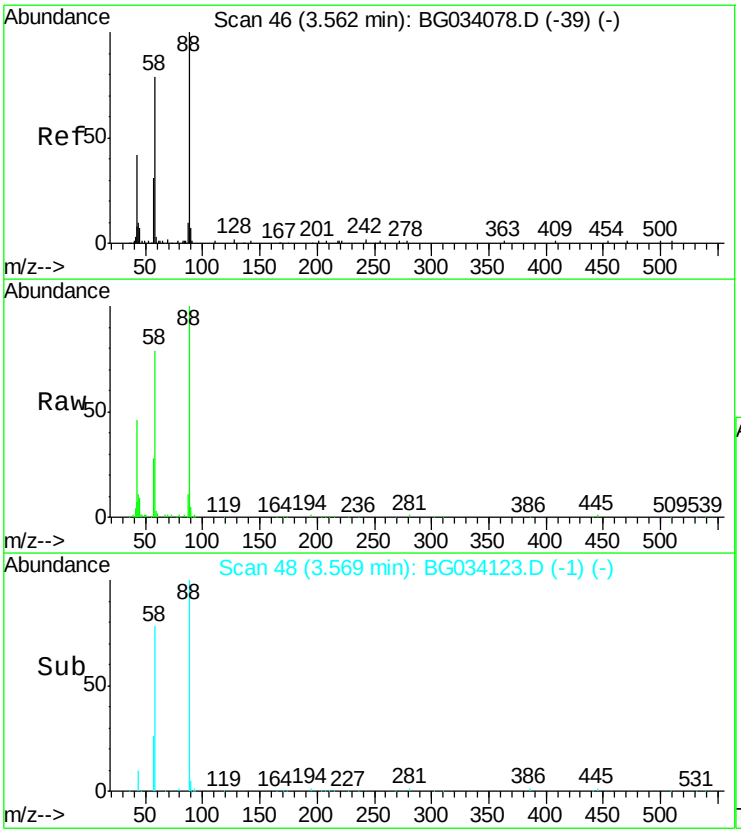

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:152 Resp: 76135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.1 | 126.6 | 189.8 |
| 115 | 66.2 | 53.0 | 79.4 |

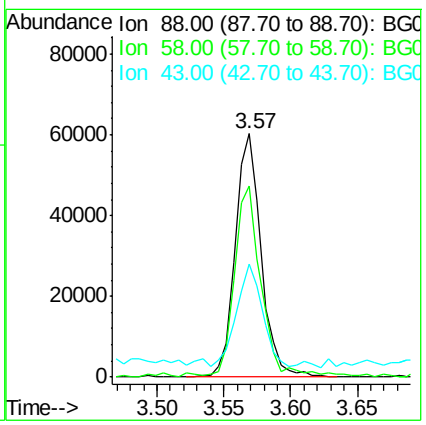


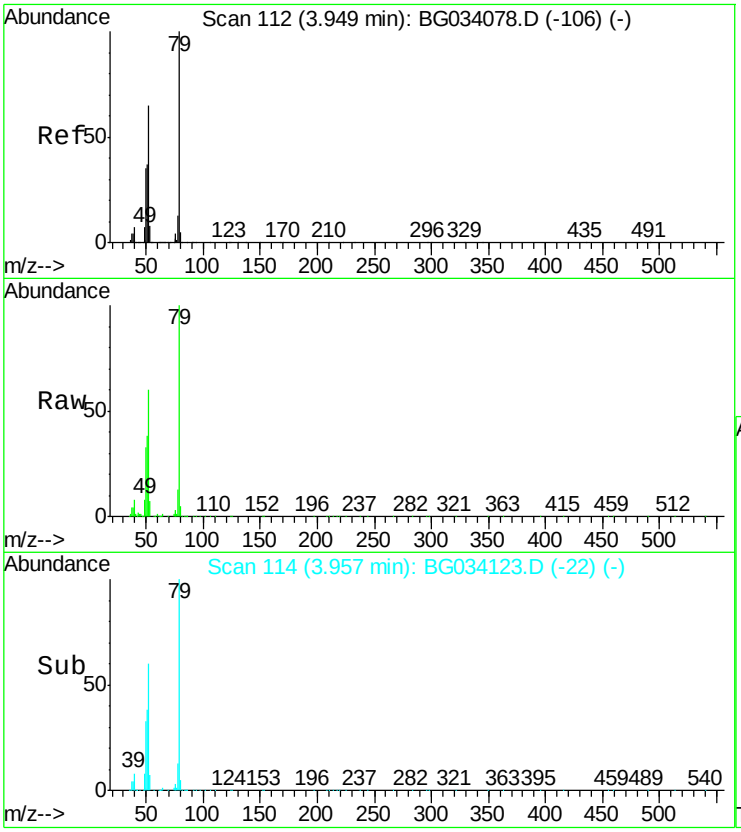




#2
1,4-Dioxane
Concen: 41.07 ng
RT: 3.57 min Scan# 48
Delta R.T. 0.01 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion: 88 Resp: 81272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 78.8 | 79.6 | 119.4# |
| 43 | 41.2 | 27.4 | 41.0# |



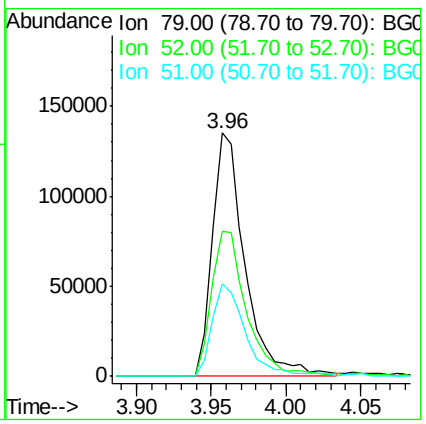


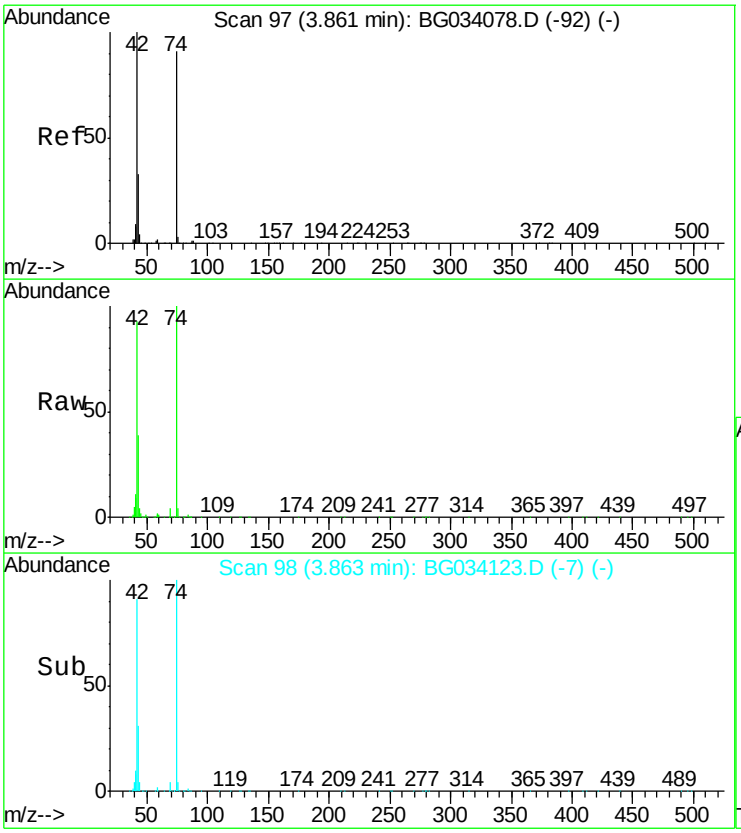

#3
Pyridine
Concen: 33.25 ng
RT: 3.96 min Scan# 114
Delta R.T. 0.01 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion: 79 Resp: 206441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 59.7 | 69.9 | 104.9# |
| 51 | 38.0 | 34.0 | 51.0 |

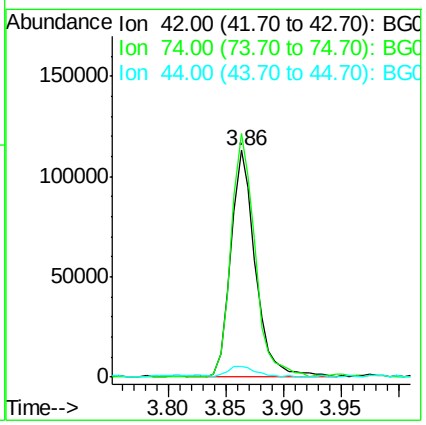


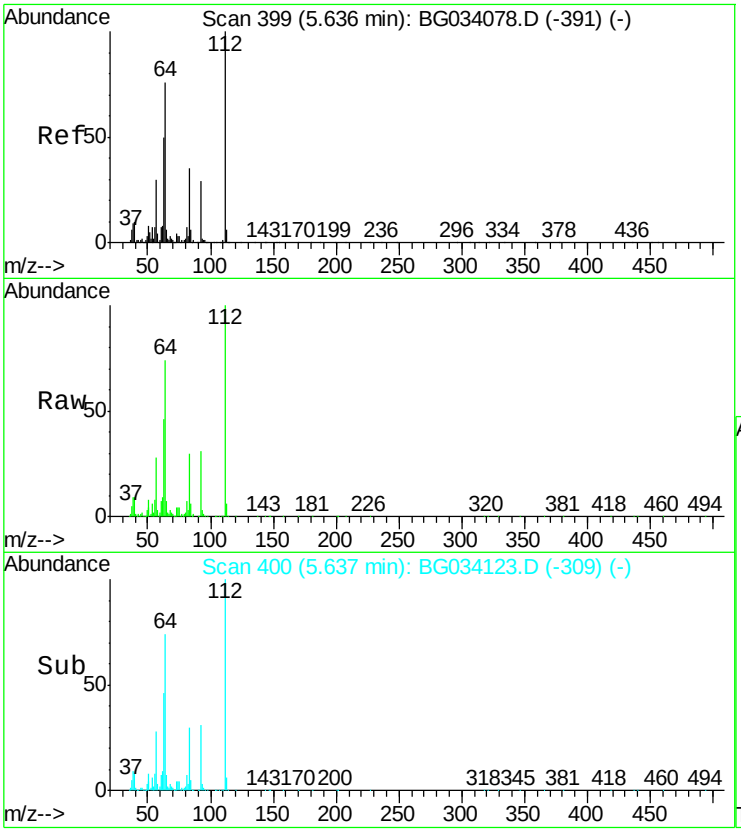




#4
n-Nitrosodimethylamine
Concen: 48.64 ng
RT: 3.86 min Scan# 98
Delta R.T. 0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion: 42 Resp: 164672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 107.4 | 102.5 | 153.7 |
| 44 | 4.7 | 18.9 | 28.3# |



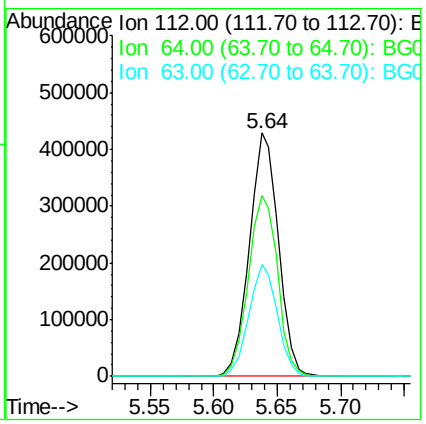


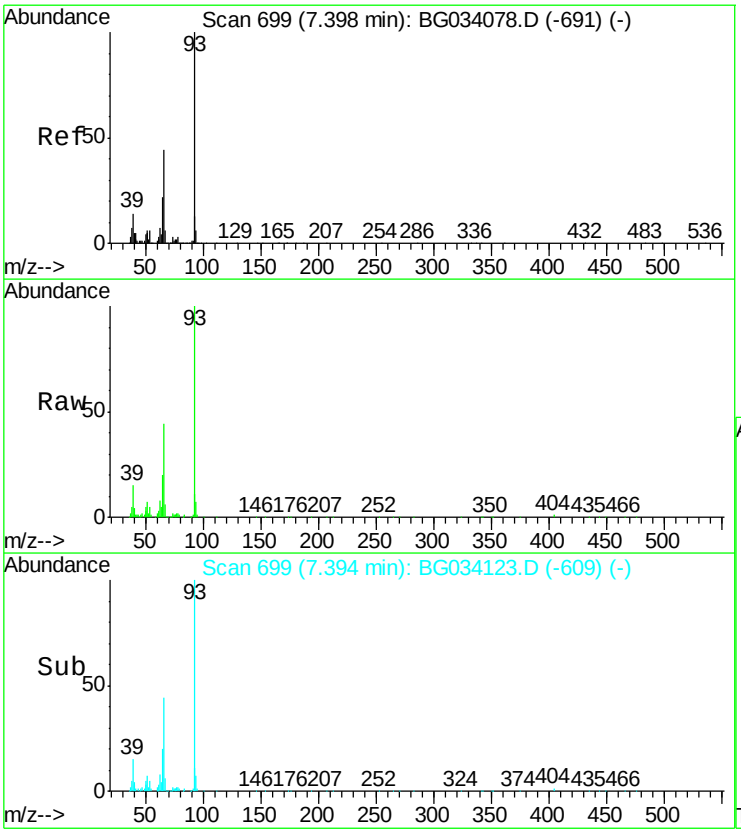

#5
2-Fluorophenol
Concen: 145.15 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:112 Resp: 684010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 74.5 | 56.3 | 84.5 |
| 63 | 46.1 | 30.1 | 45.1# |

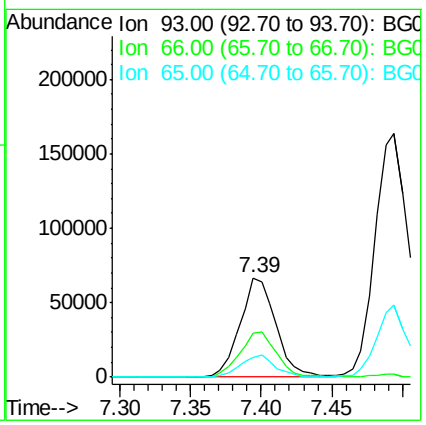


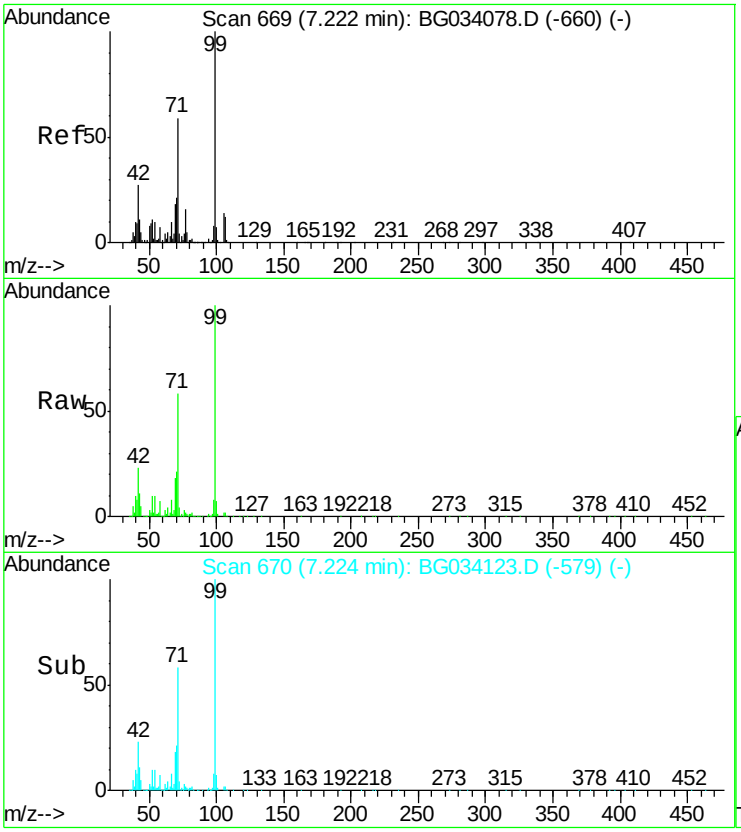




#6
Aniline
Concen: 11.88 ng
RT: 7.39 min Scan# 699
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion: 93 Resp: 118584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 44.2 | 33.7 | 50.5 |
| 65 | 20.0 | 16.1 | 24.1 |



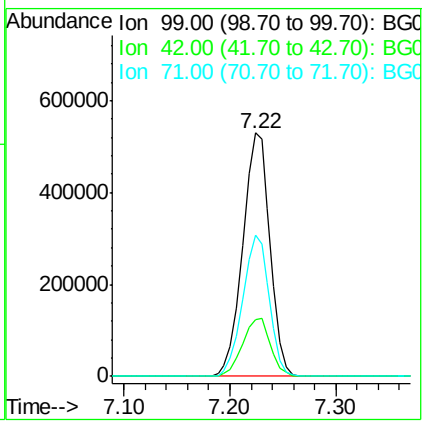


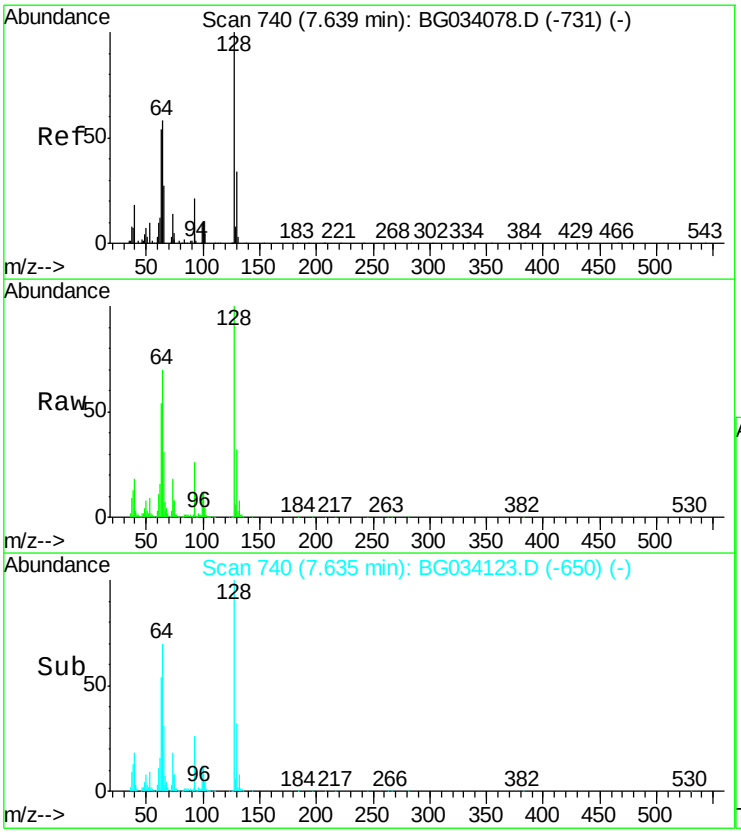

#7
Phenol-d6
Concen: 128.62 ng
RT: 7.22 min Scan# 670
Delta R.T. 0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion: 99 Resp: 943569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.3 | 14.1 | 21.1# |
| 71 | 57.9 | 26.1 | 39.1# |

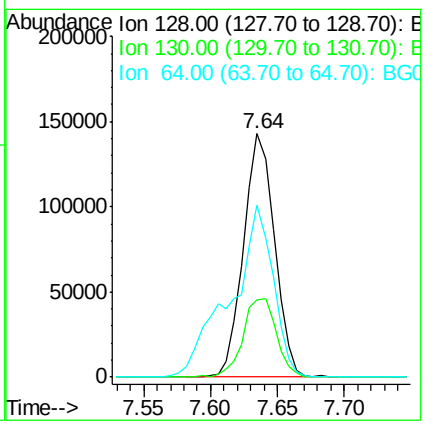


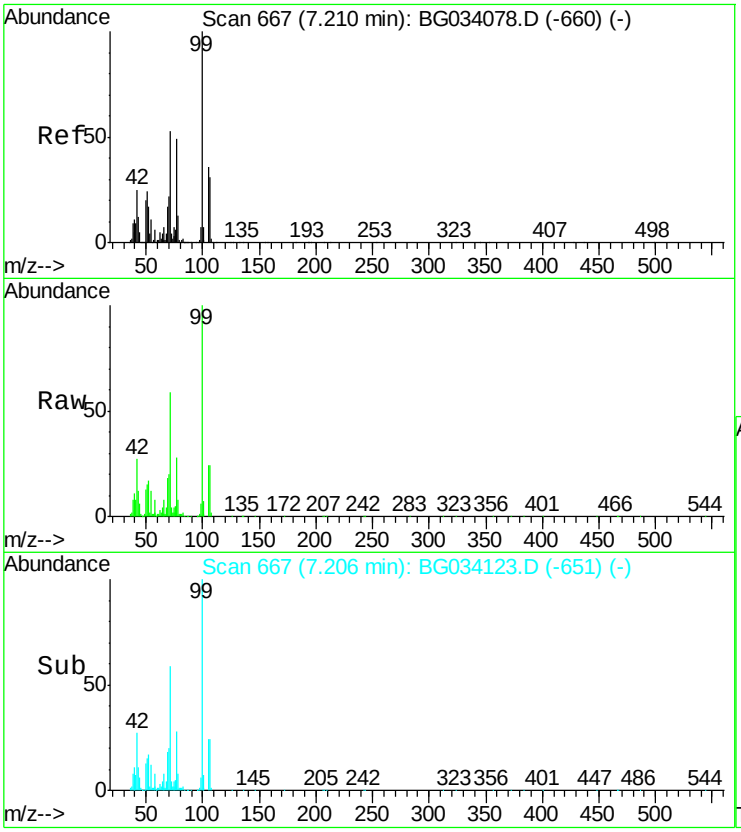




#8
2-Chlorophenol
Concen: 48.73 ng
RT: 7.64 min Scan# 740
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:128 Resp: 229124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.0 | 14.0 | 54.0 |
| 64 | 70.5 | 37.7 | 77.7 |



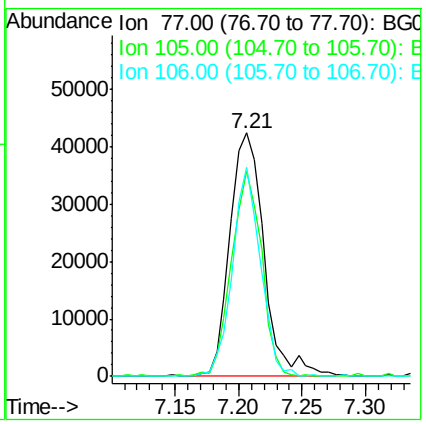


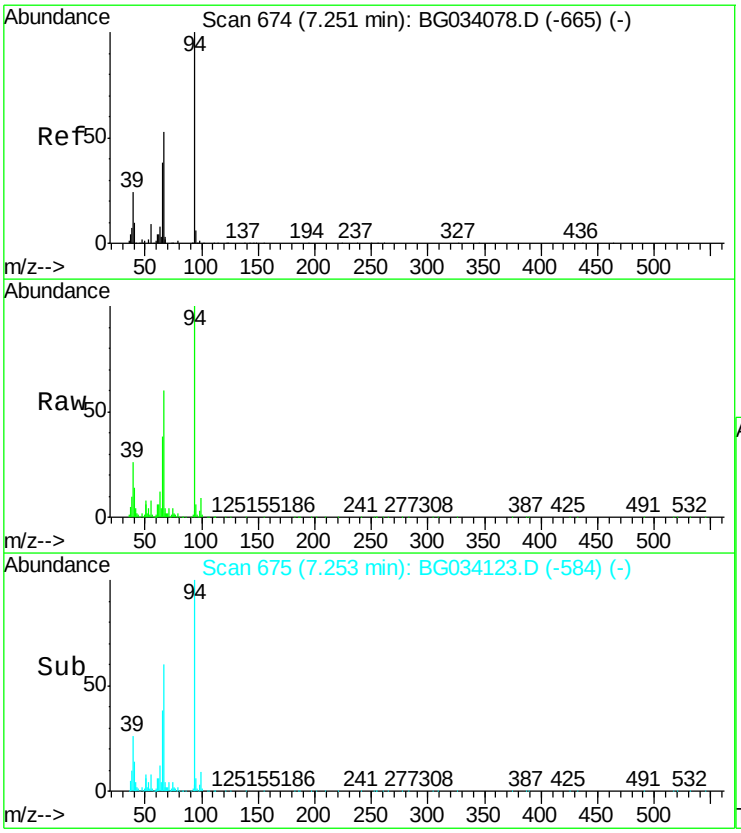

#9
Benzaldehyde
Concen: 15.88 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion: 77 Resp: 79392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 84.3 | 71.3 | 111.3 |
| 106 | 85.9 | 64.2 | 104.2 |

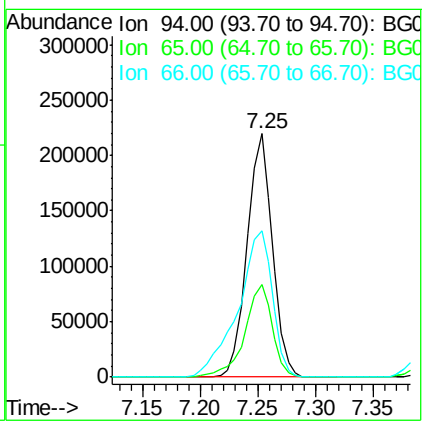


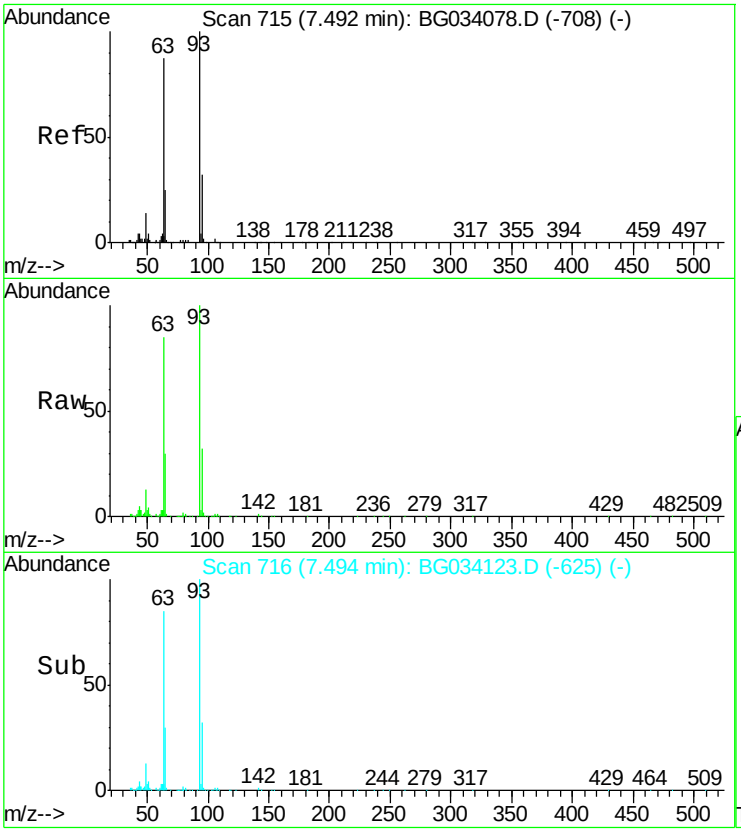




#10
Phenol
Concen: 45.32 ng
RT: 7.25 min Scan# 675
Delta R.T. 0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion: 94 Resp: 335341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 38.0 | 11.9 | 51.9 |
| 66 | 60.2 | 22.2 | 62.2 |



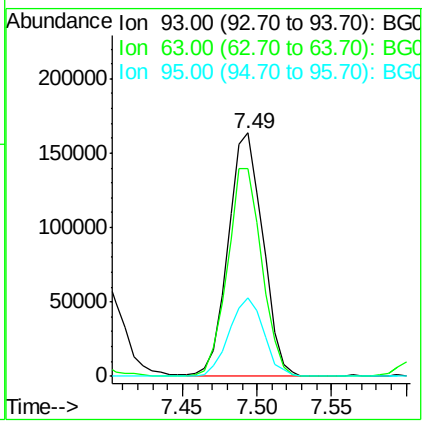


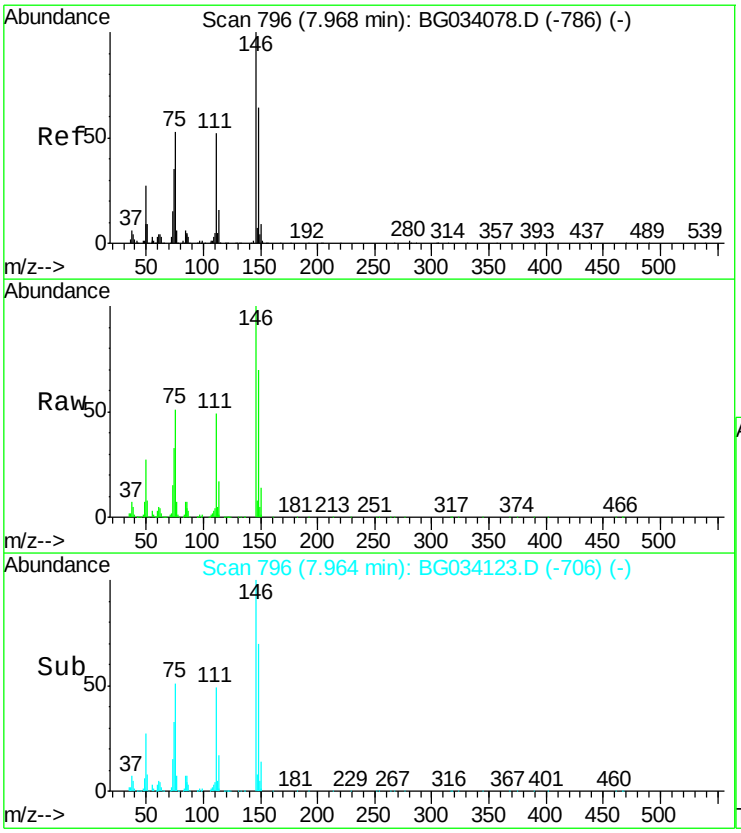

#11
bis(2-Chloroethyl)ether
Concen: 45.61 ng
RT: 7.49 min Scan# 716
Delta R.T. 0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion: 93 Resp: 265685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 85.3 | 67.1 | 107.1 |
| 95 | 32.4 | 11.5 | 51.5 |

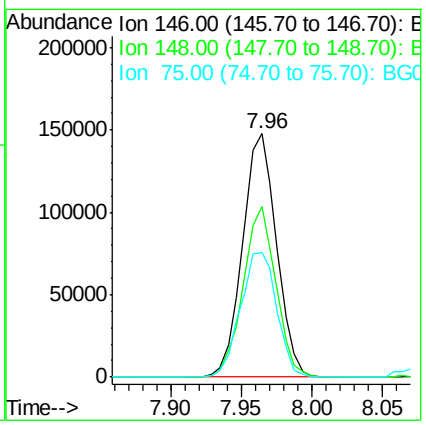


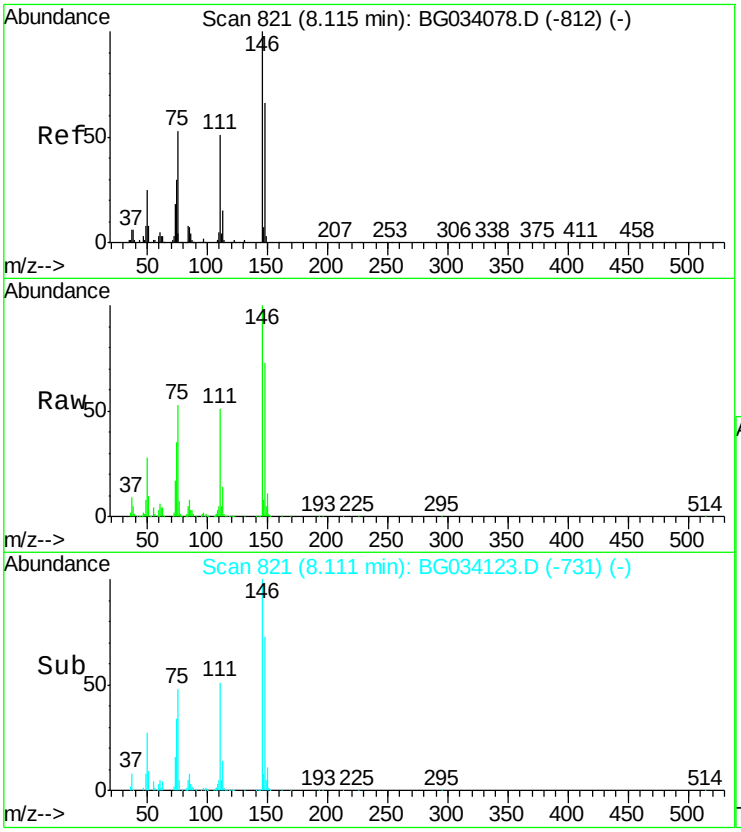




#12
1,3-Dichlorobenzene
Concen: 41.88 ng
RT: 7.96 min Scan# 796
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:146 Resp: 249139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 70.3 | 51.4 | 77.2 |
| 75 | 51.0 | 26.6 | 39.8# |



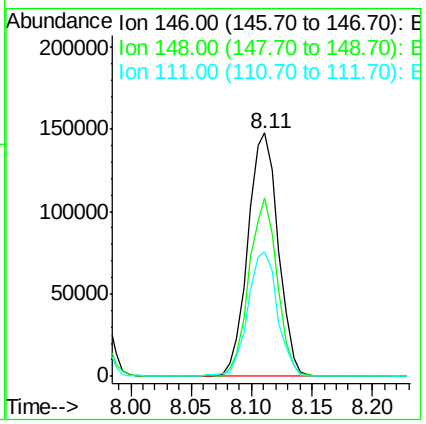


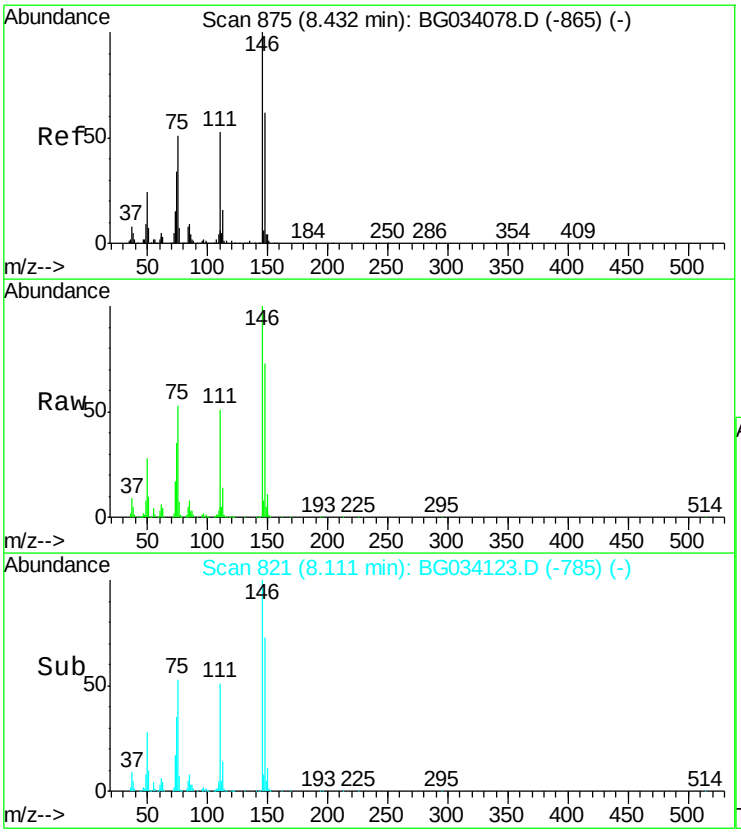

#13
1,4-Dichlorobenzene
Concen: 43.67 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:146 Resp: 258021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 73.0 | 53.7 | 80.5 |
| 111 | 51.0 | 35.2 | 52.8 |

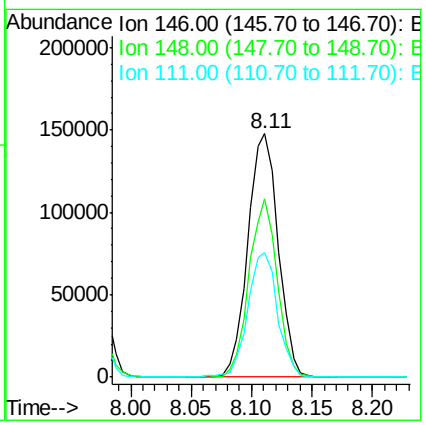


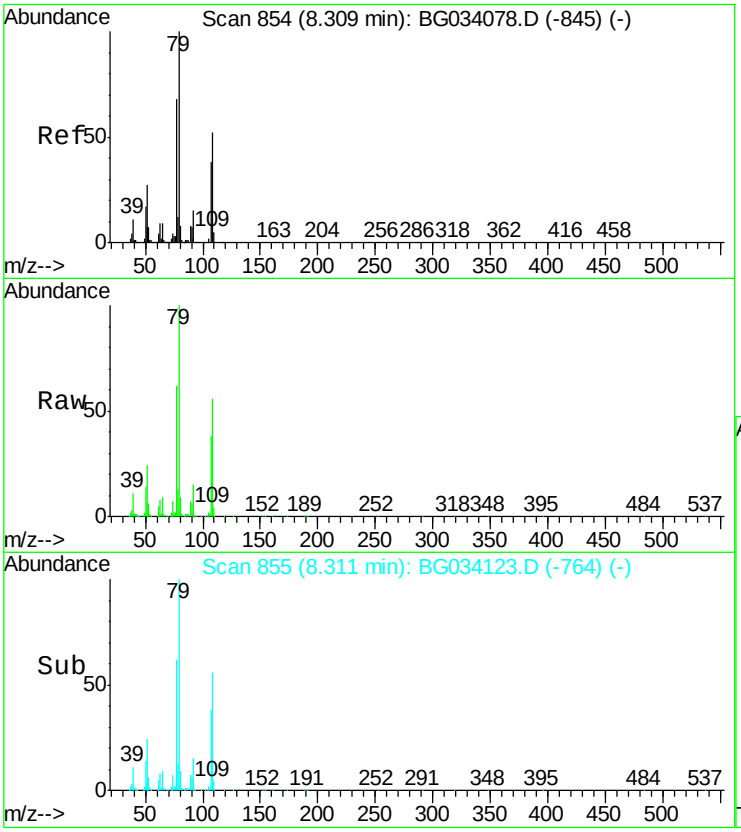




#14
1,2-Dichlorobenzene
Concen: 45.98 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.32 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:146 Resp: 258021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 73.0 | 49.3 | 73.9 |
| 111 | 51.0 | 34.3 | 51.5 |



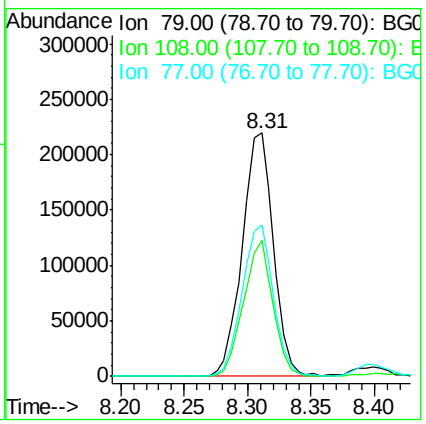


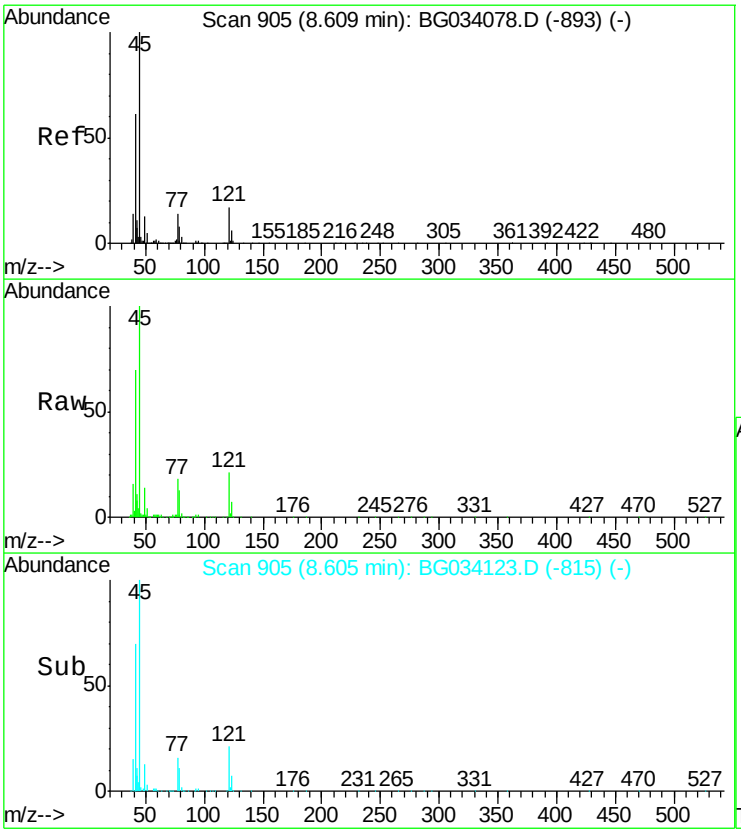

#15
Benzyl Alcohol
Concen: 48.17 ng
RT: 8.31 min Scan# 855
Delta R.T. 0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion: 79 Resp: 376969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 55.9 | 57.2 | 85.8# |
| 77 | 62.2 | 46.1 | 69.1 |

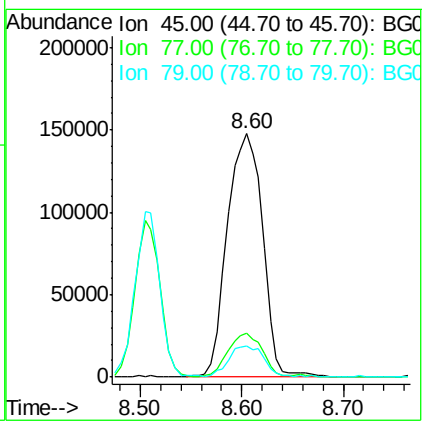


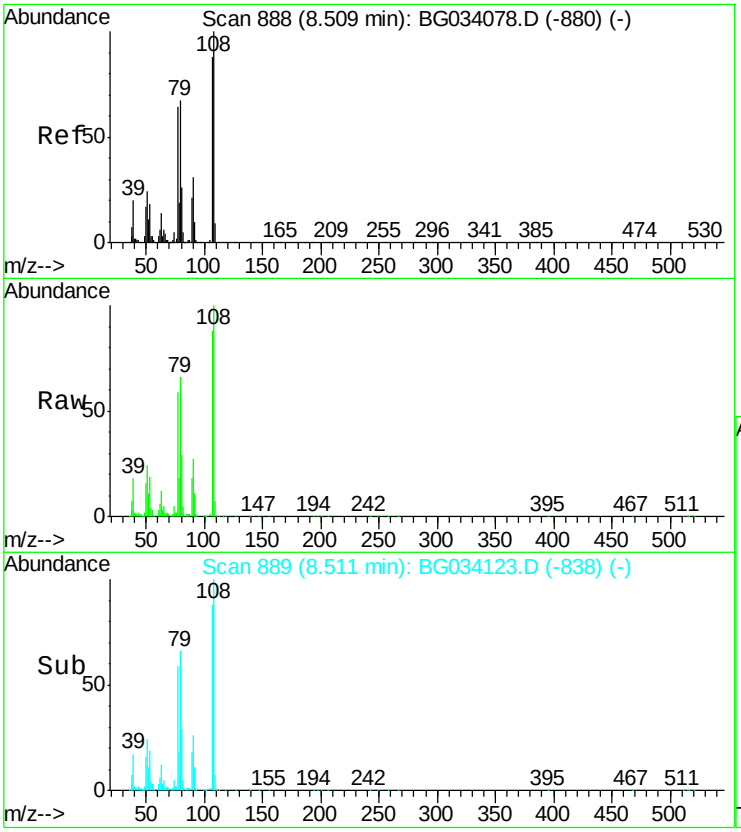




#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.58 ng
RT: 8.60 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion: 45 Resp: 357266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 17.8 | 0.0 | 30.2 |
| 79 | 12.9 | 0.0 | 27.9 |



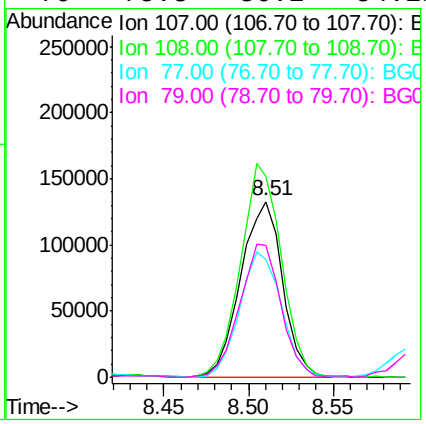


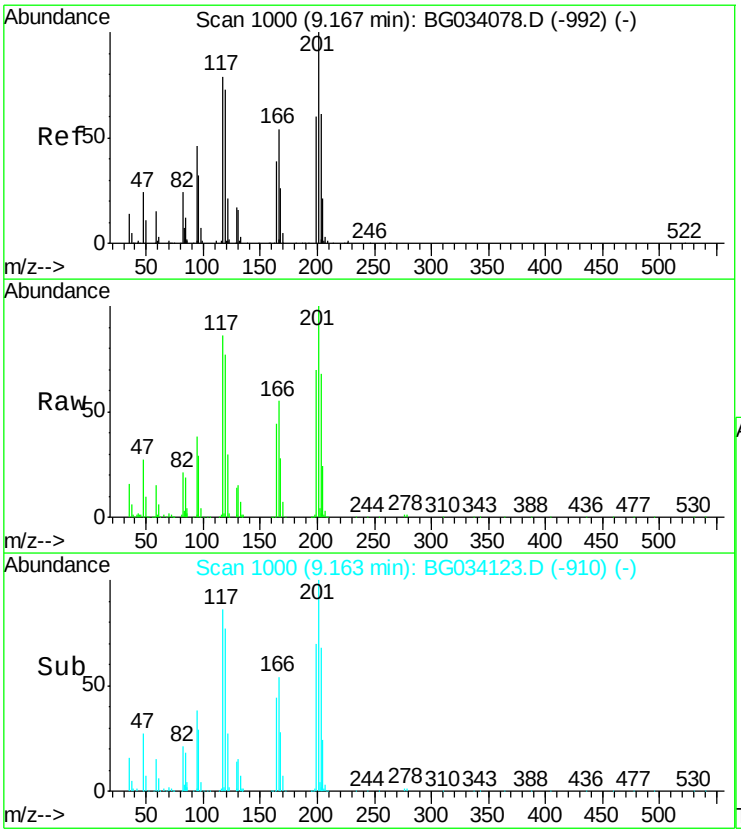

#17
2-Methylphenol
Concen: 46.79 ng
RT: 8.51 min Scan# 889
Delta R.T. 0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:107 Resp: 227801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.2 | 83.9 | 125.9 |
| 77 | 67.5 | 37.2 | 55.8# |
| 79 | 75.3 | 36.2 | 54.2# |

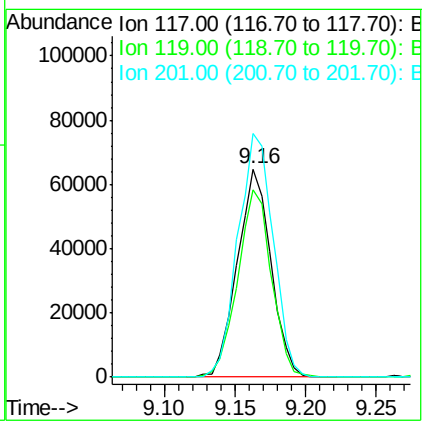


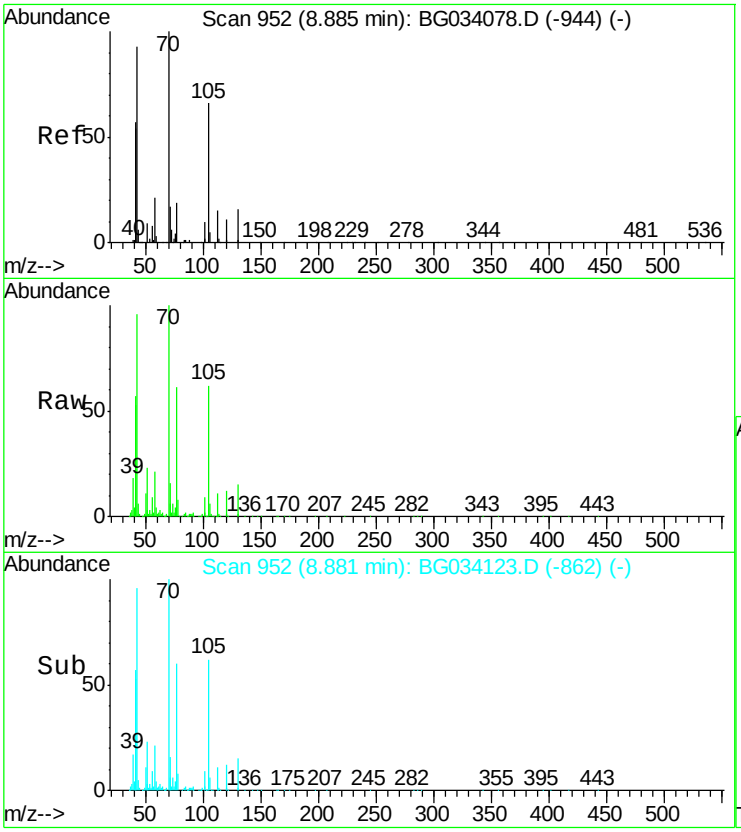




#18
Hexachloroethane
Concen: 43.03 ng
RT: 9.16 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:117 Resp: 108147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 88.0 | 76.7 | 115.1 |
| 201 | 114.4 | 95.7 | 143.5 |



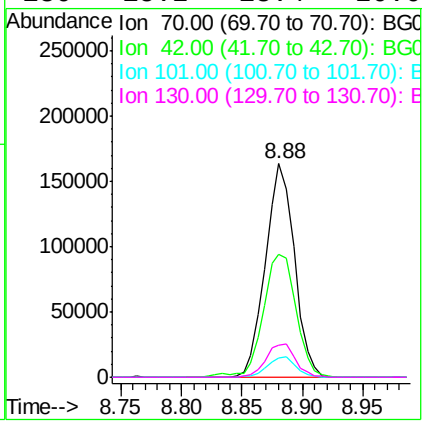


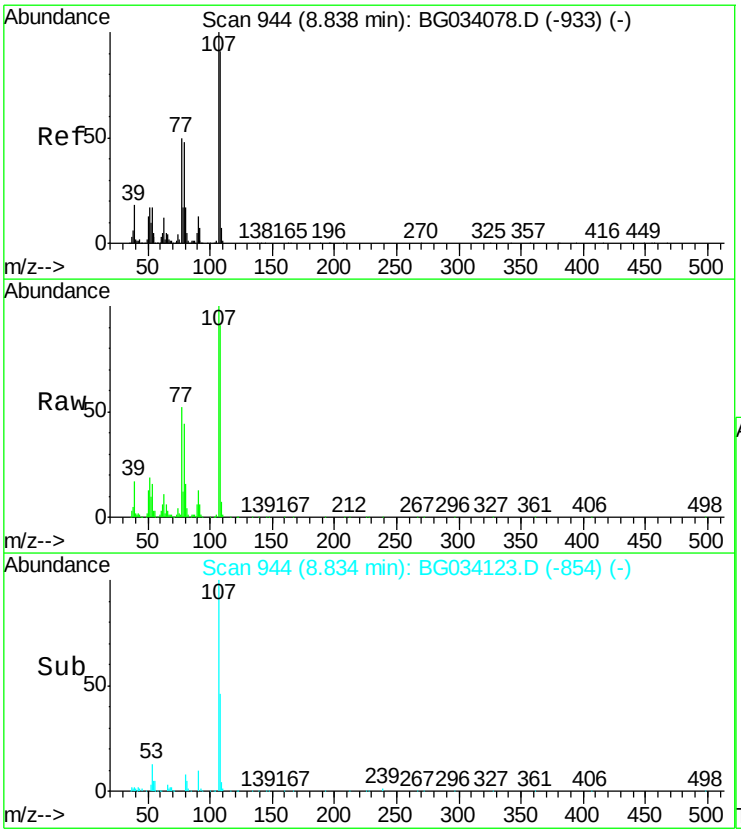

#19
n-Nitroso-di-n-propylamine
Concen: 41.13 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion: 70 Resp: 271008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 57.3 | 49.1 | 73.7 |
| 101 | 8.9 | 8.5 | 12.7 |
| 130 | 15.2 | 13.4 | 20.0 |

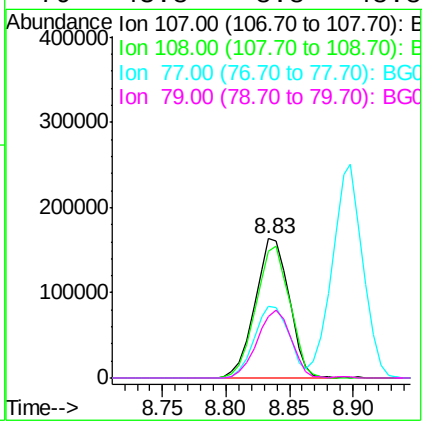


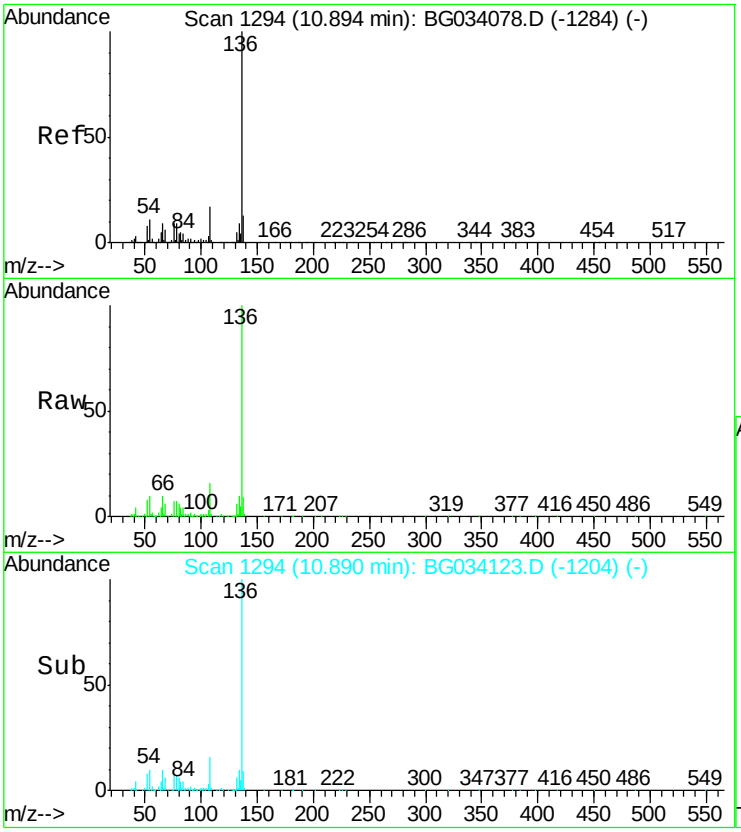




#20
3+4-Methylphenols
Concen: 42.60 ng
RT: 8.83 min Scan# 944
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:107 Resp: 307216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 91.1 | 61.6 | 101.6 |
| 77 | 51.6 | 13.9 | 53.9 |
| 79 | 43.8 | 8.8 | 48.8 |



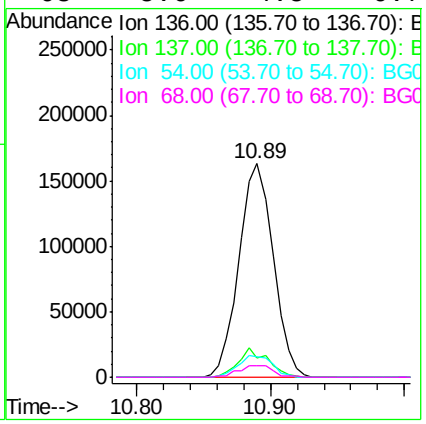


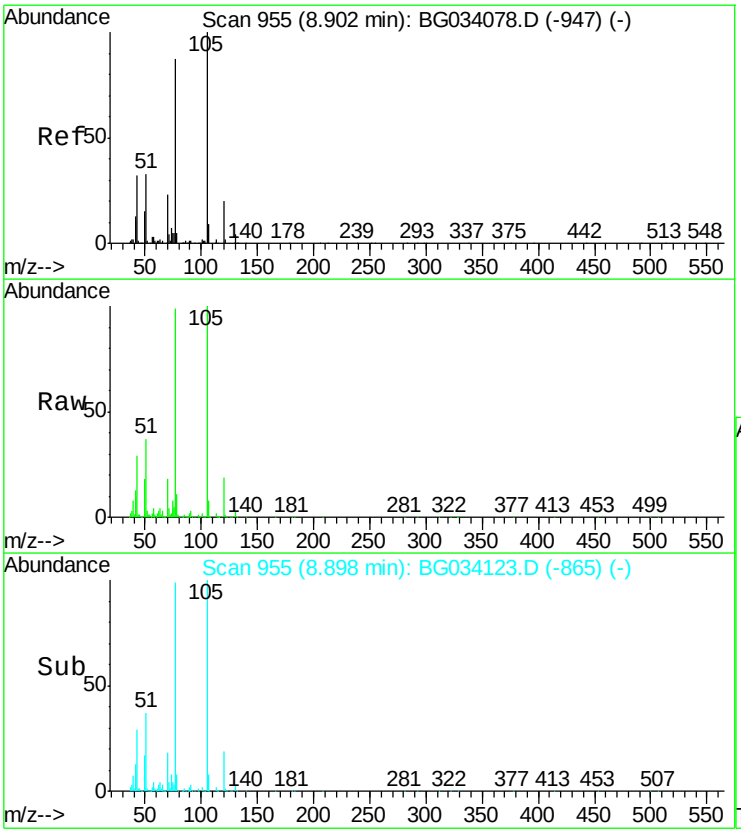

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:136 Resp: 289424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 9.3 | 9.2 | 13.8 |
| 54 | 9.9 | 10.3 | 15.5# |
| 68 | 5.6 | 4.5 | 6.7 |

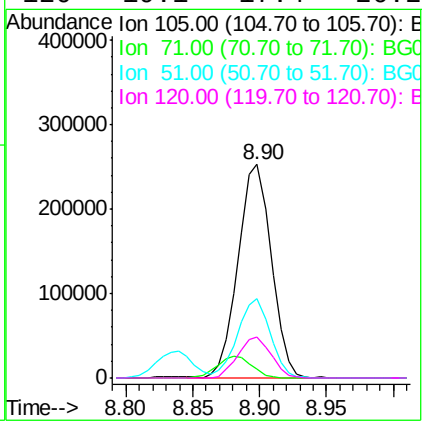


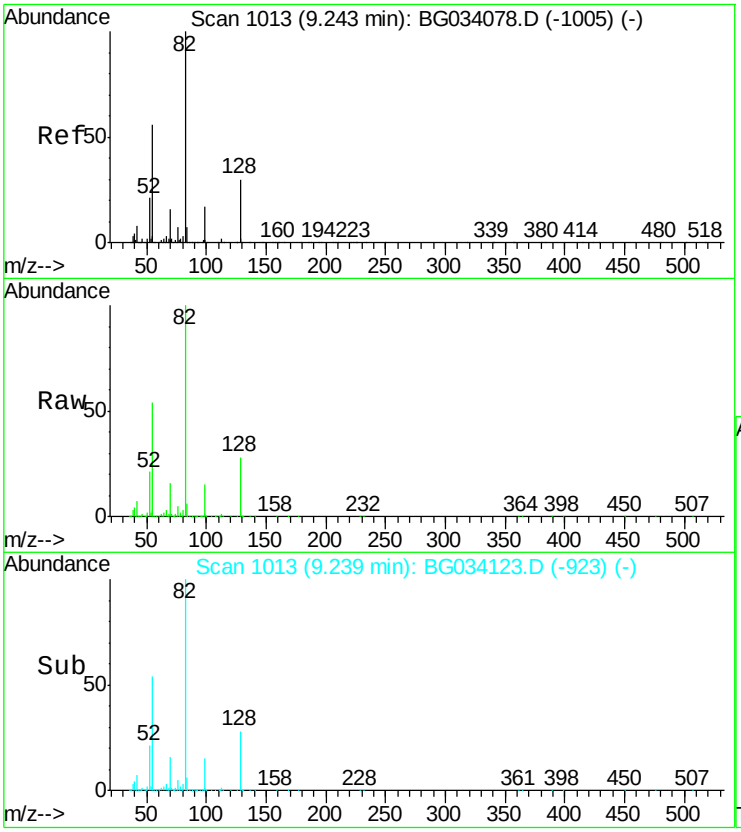




#22
Acetophenone
Concen: 44.46 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:105 Resp: 438305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 4.0 | 3.0 | 4.4 |
| 51 | 37.2 | 26.1 | 39.1 |
| 120 | 19.1 | 17.4 | 26.2 |



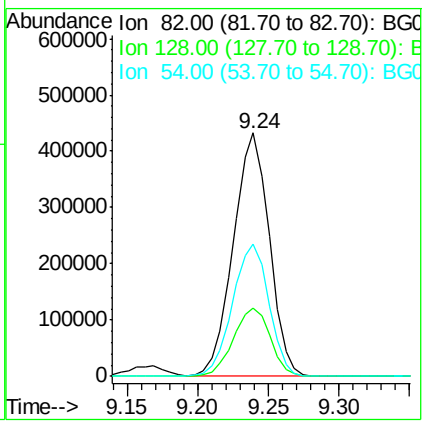


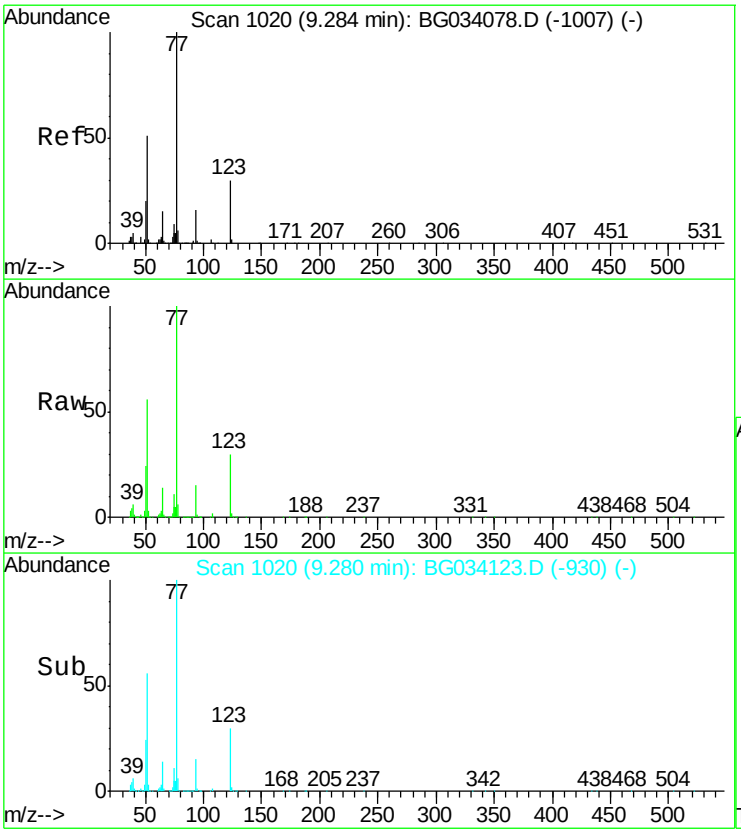

#23
Nitrobenzene-d5
Concen: 102.11 ng
RT: 9.24 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion: 82 Resp: 770290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 28.2 | 29.7 | 44.5# |
| 54 | 54.2 | 43.1 | 64.7 |

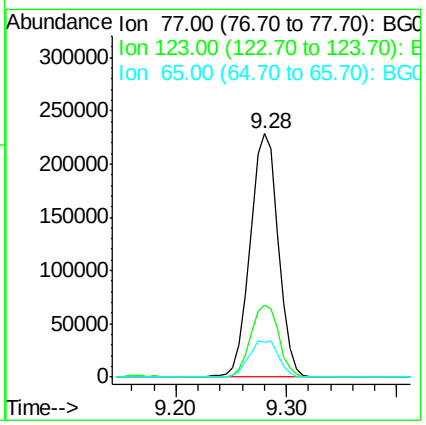


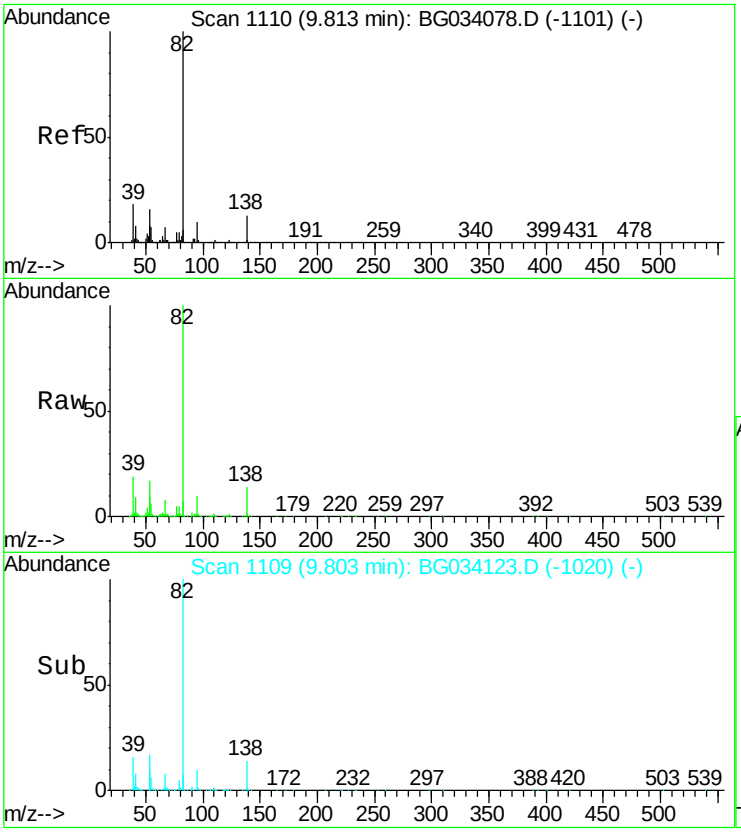




#24
Nitrobenzene
Concen: 49.60 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion: 77 Resp: 409566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 29.8 | 33.0 | 49.6# |
| 65 | 14.2 | 13.0 | 19.6 |



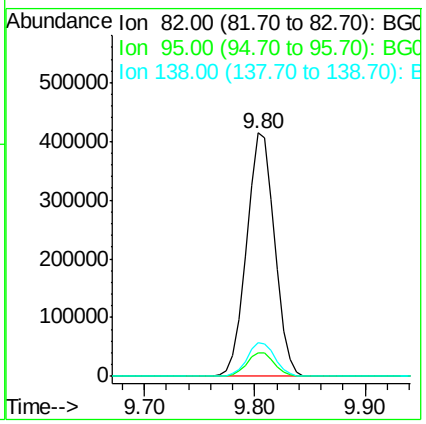


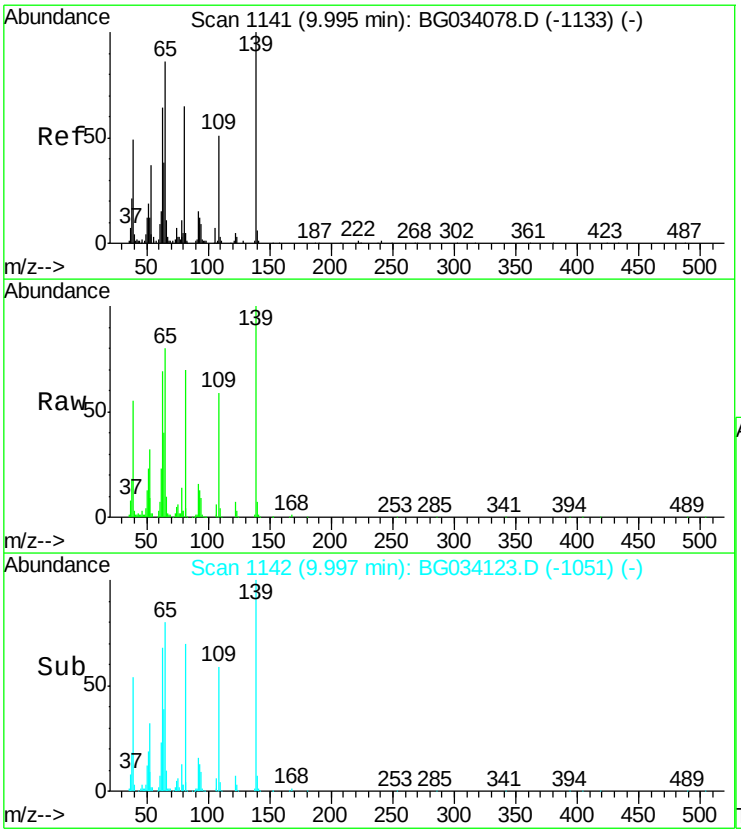

#25
Isophorone
Concen: 47.92 ng
RT: 9.80 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion: 82 Resp: 737349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 9.9 | 6.2 | 9.2# |
| 138 | 13.8 | 12.1 | 18.1 |

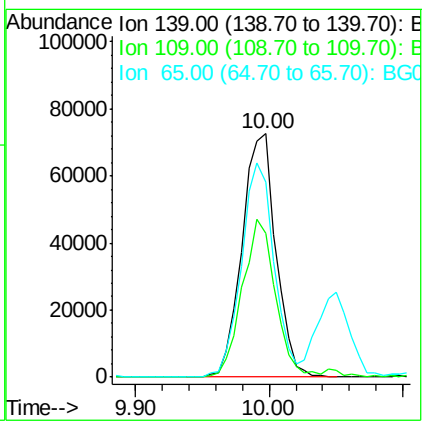


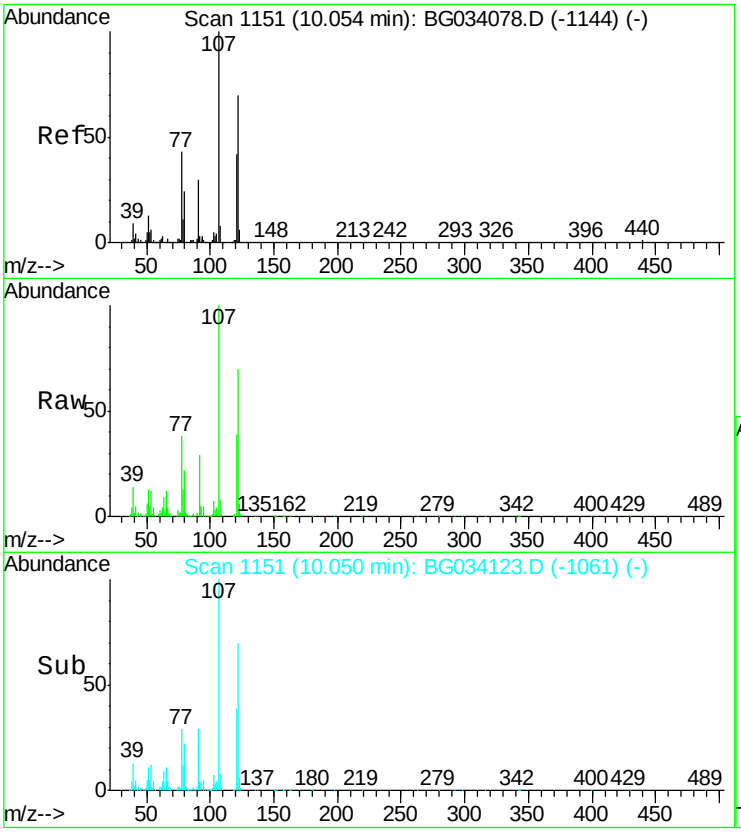




#26
2-Nitrophenol
Concen: 55.37 ng
RT: 10.00 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:139 Resp: 126556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 59.3 | 24.2 | 36.2# |
| 65 | 80.1 | 47.4 | 71.0# |



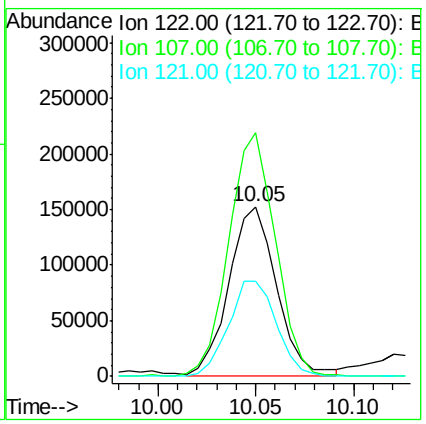


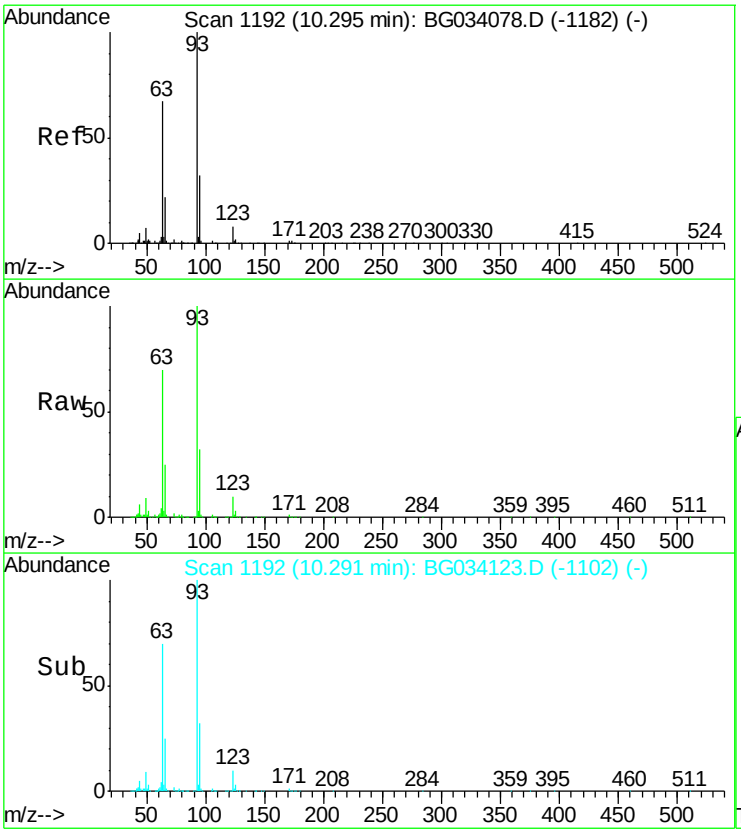

#27
2,4-Dimethylphenol
Concen: 58.34 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:122 Resp: 258522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 143.5 | 100.2 | 150.2 |
| 121 | 55.8 | 44.4 | 66.6 |

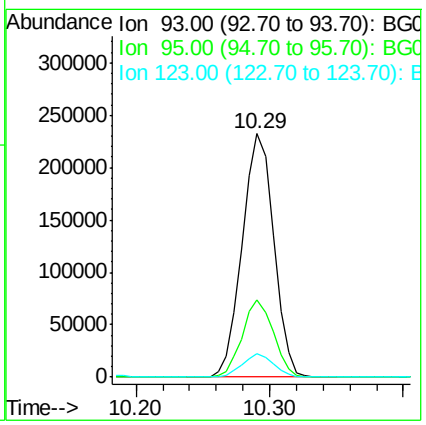


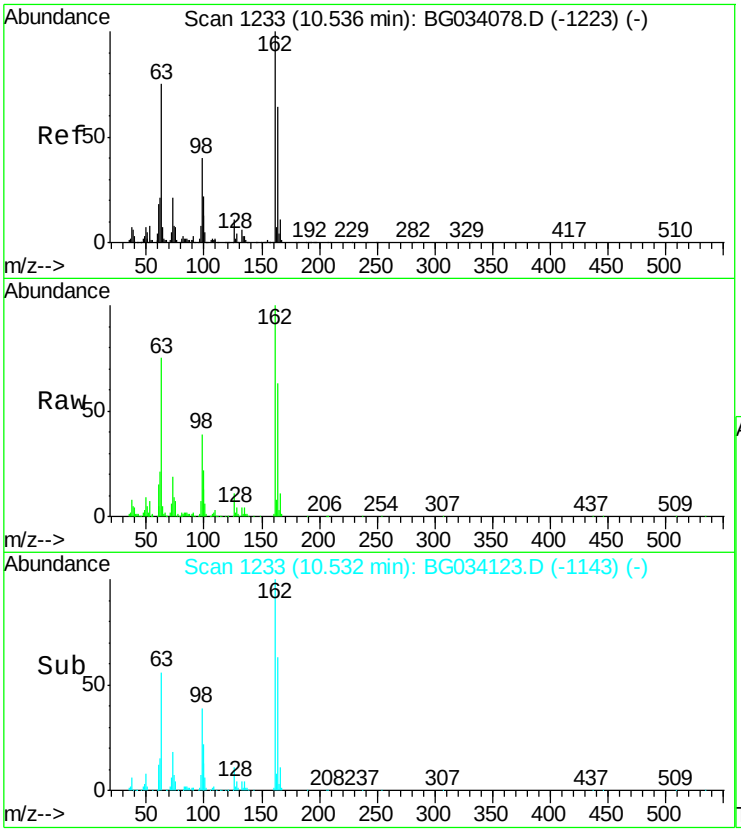




#28
bis(2-Chloroethoxy)methane
Concen: 50.04 ng
RT: 10.29 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion: 93 Resp: 378266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.6 | 24.3 | 36.5 |
| 123 | 9.6 | 8.4 | 12.6 |



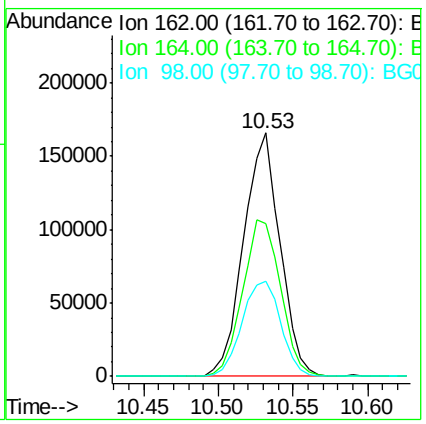


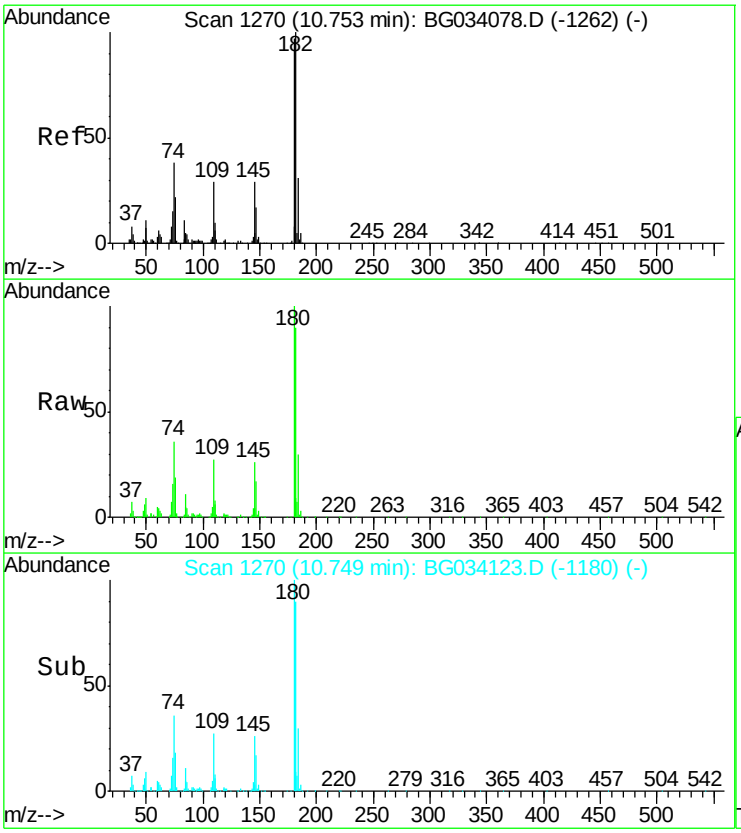

#29
2,4-Dichlorophenol
Concen: 52.78 ng
RT: 10.53 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:162 Resp: 279563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 62.7 | 48.0 | 88.0 |
| 98 | 39.0 | 21.1 | 61.1 |

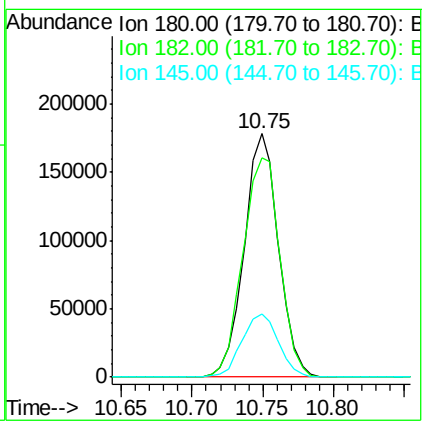


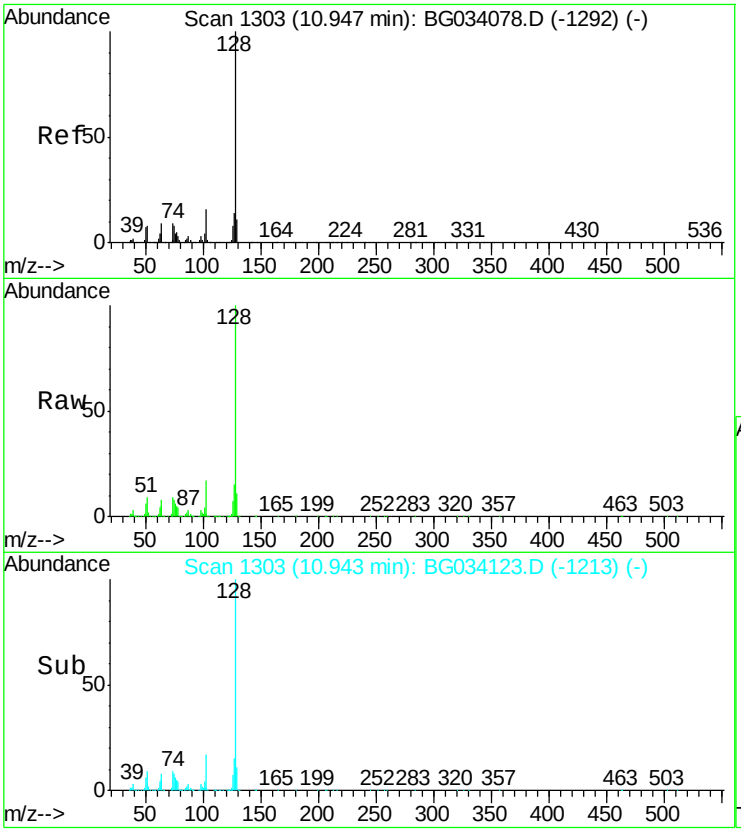




#30
1,2,4-Trichlorobenzene
Concen: 47.69 ng
RT: 10.75 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:180 Resp: 304148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 90.2 | 77.5 | 116.3 |
| 145 | 25.8 | 23.4 | 35.2 |



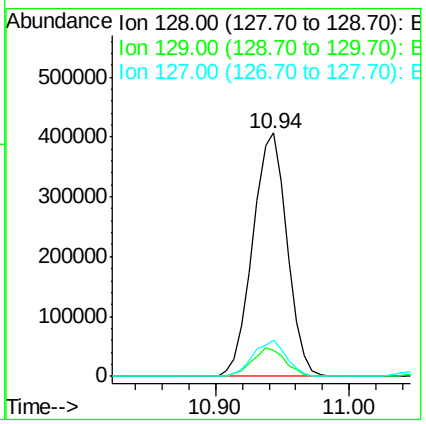


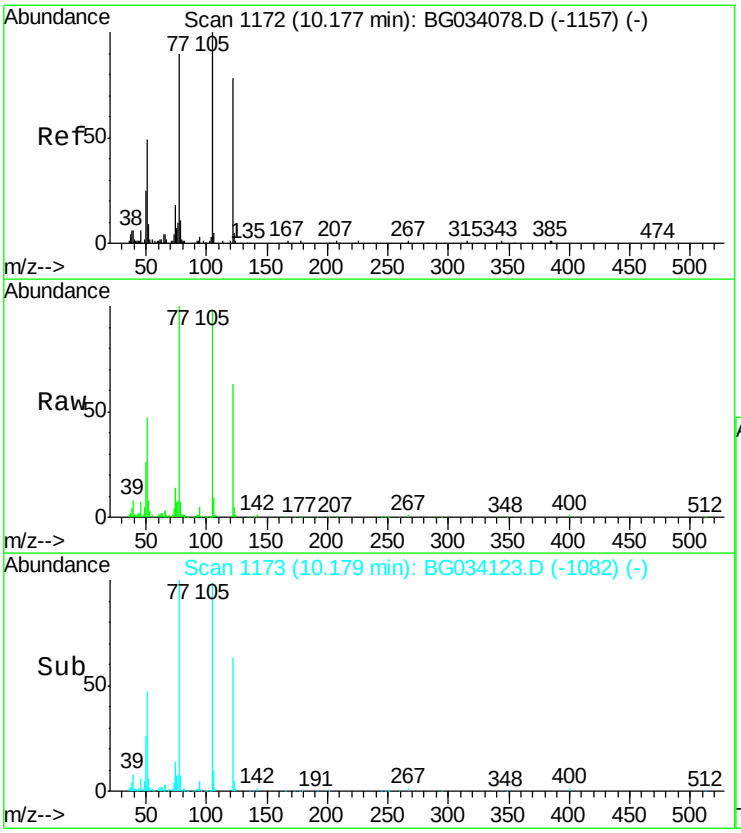

#31
Naphthalene
Concen: 47.35 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:128 Resp: 720275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.7 | 8.6 | 12.8 |
| 127 | 14.8 | 11.6 | 17.4 |

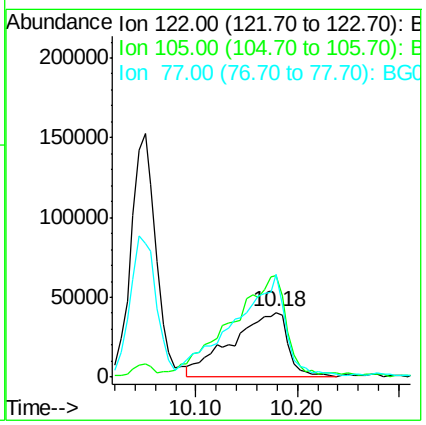


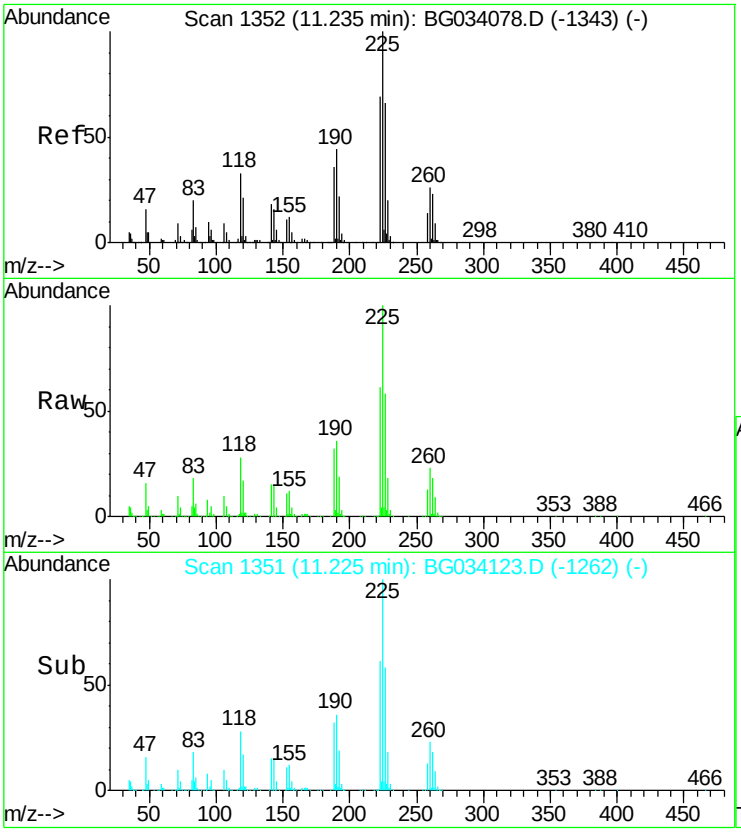




#32
Benzoic acid
Concen: 40.37 ng
RT: 10.18 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:122 Resp: 154411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 155.7 | 123.5 | 163.5 |
| 77 | 158.4 | 85.7 | 125.7# |



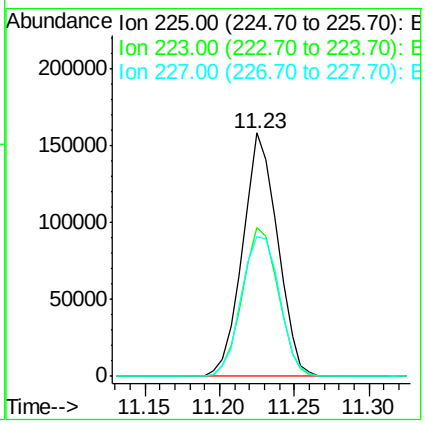


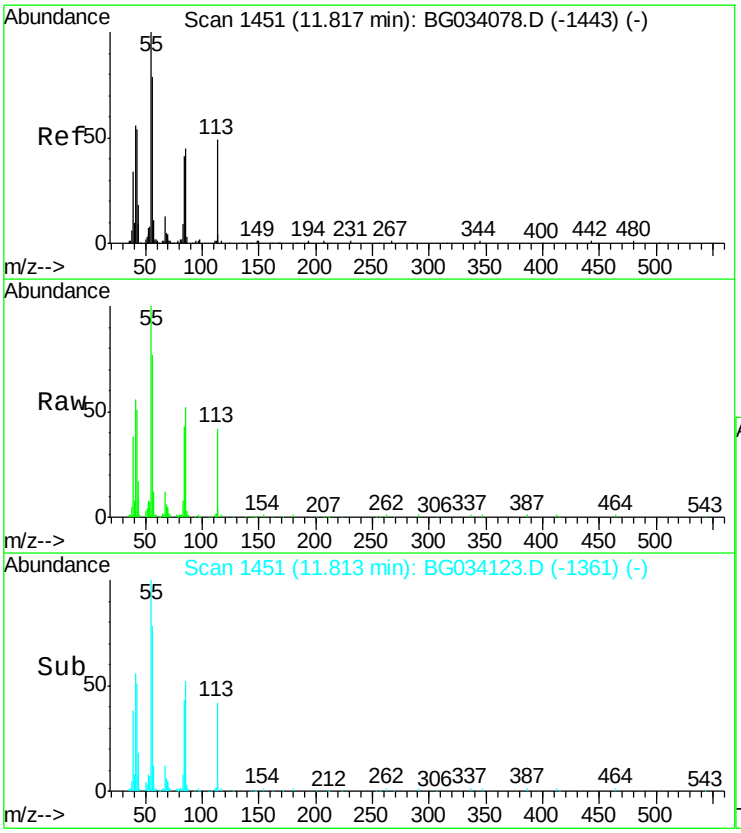

#34
Hexachlorobutadiene
Concen: 47.31 ng
RT: 11.23 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:225 Resp: 255423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.3 | 49.7 | 74.5 |
| 227 | 57.7 | 48.1 | 72.1 |

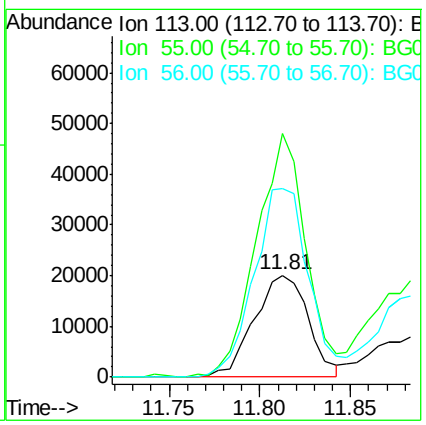


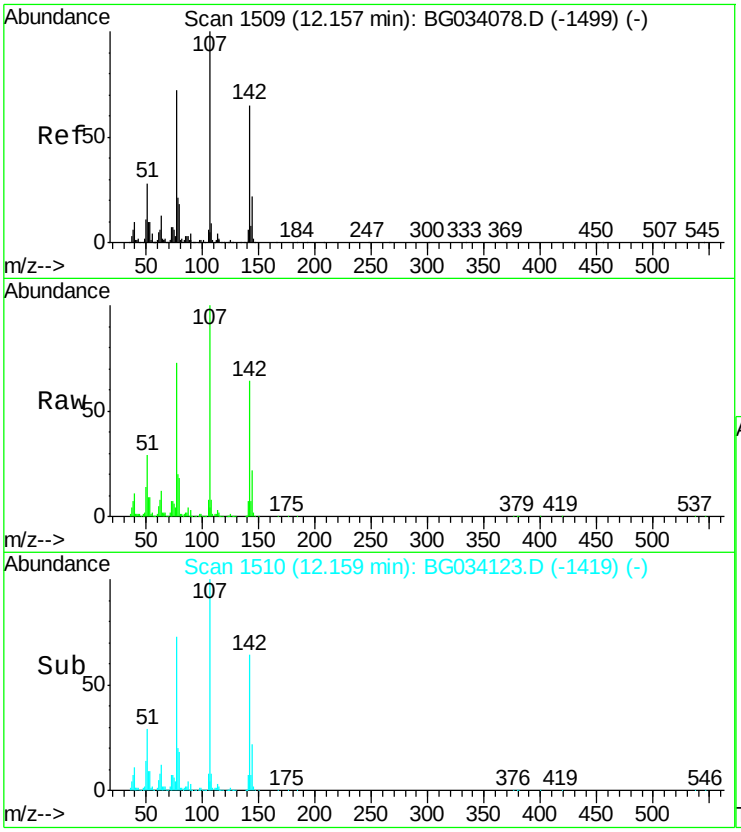




#35
Caprolactam
Concen: 22.16 ng
RT: 11.81 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:113 Resp: 41691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 238.5 | 186.9 | 226.9# |
| 56 | 184.8 | 130.9 | 170.9# |



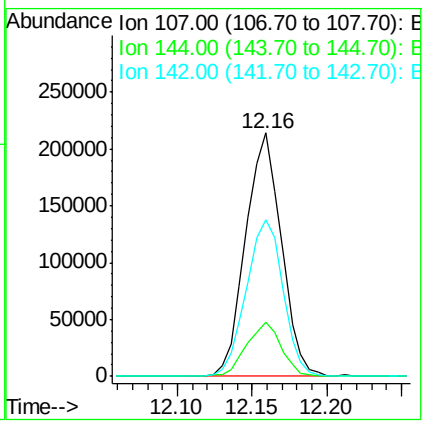


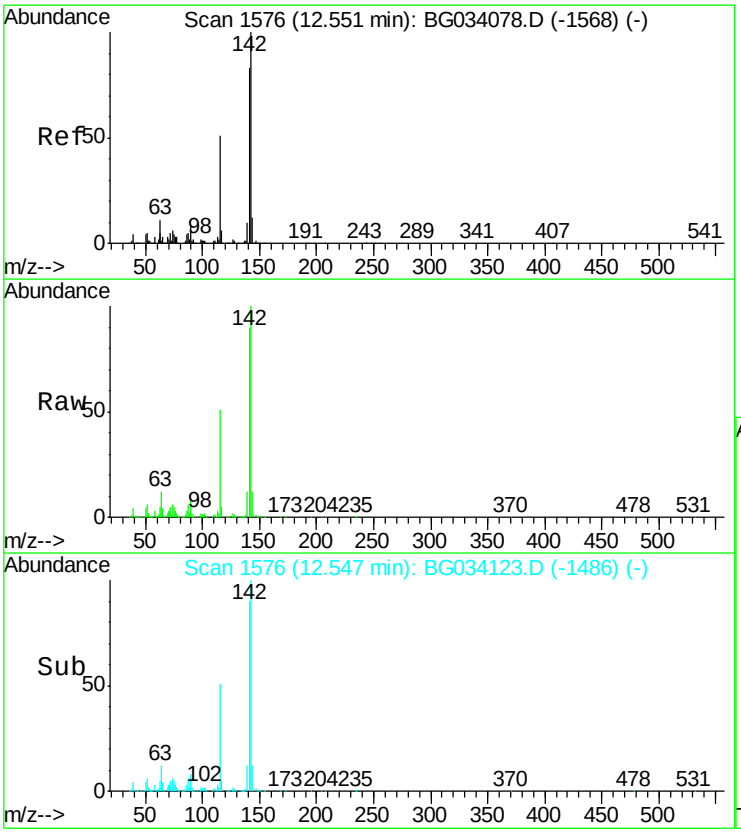

#36
4-Chloro-3-methylphenol
Concen: 51.56 ng
RT: 12.16 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:107 Resp: 354094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 22.1 | 18.2 | 27.4 |
| 142 | 64.2 | 59.0 | 88.4 |

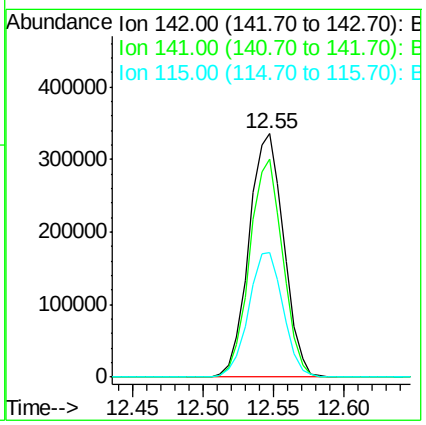


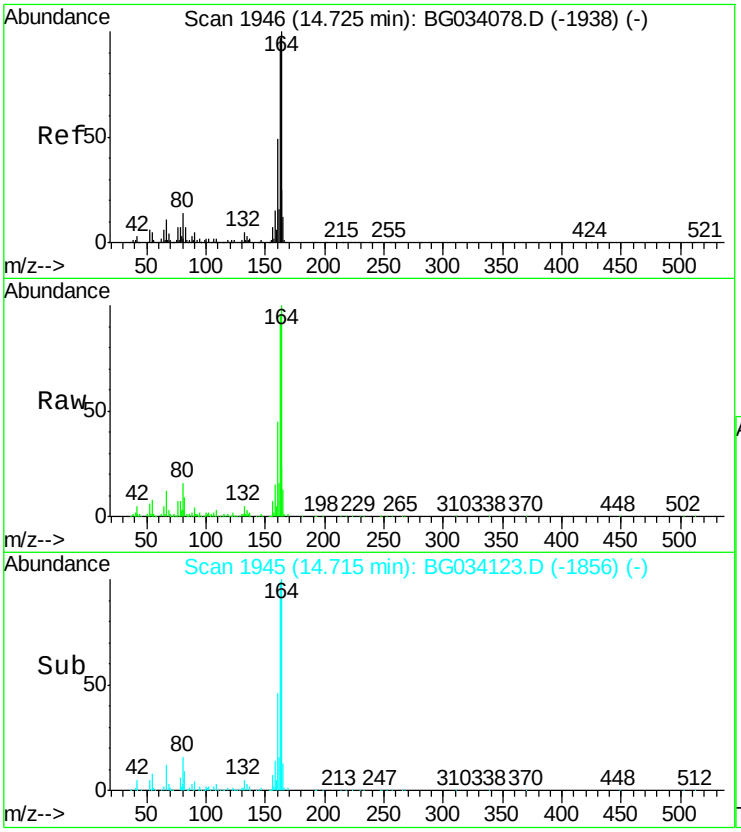




#37
2-Methylnaphthalene
Concen: 47.05 ng
RT: 12.55 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:142 Resp: 580312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.8 | 67.1 | 100.7 |
| 115 | 51.3 | 30.7 | 46.1# |



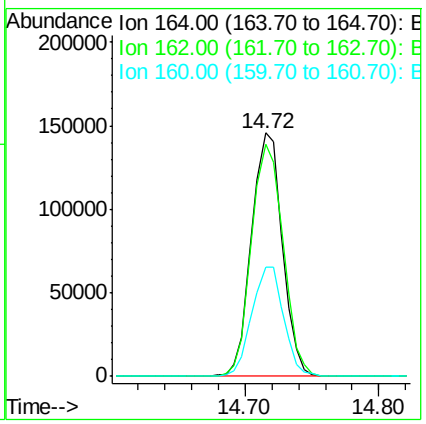


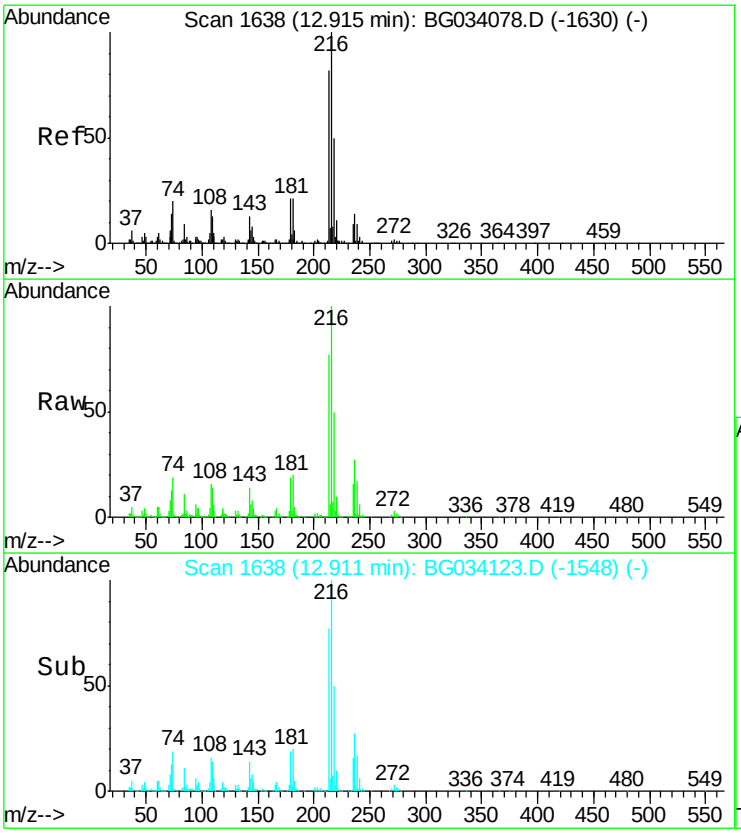

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:164 Resp: 231104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 95.6 | 78.8 | 118.2 |
| 160 | 44.9 | 35.4 | 53.0 |

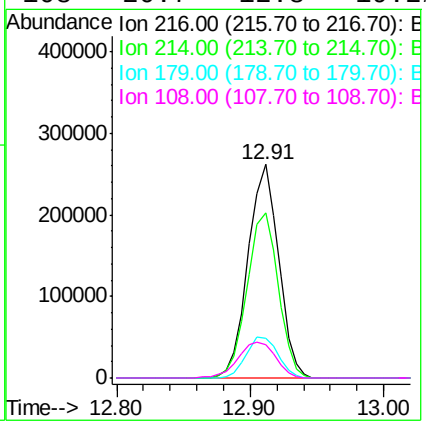


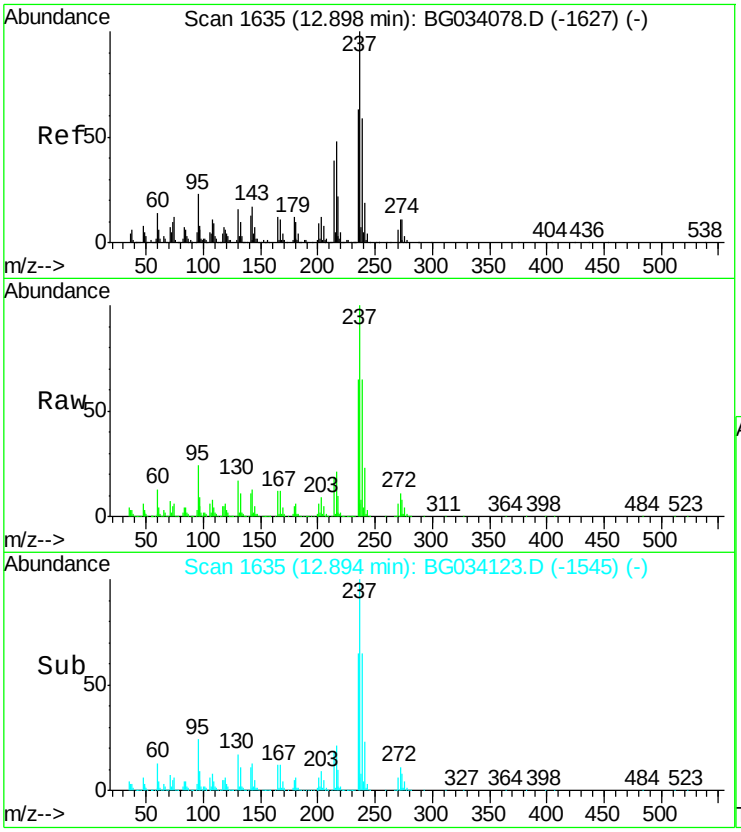




#39
1,2,4,5-Tetrachlorobenzene
Concen: 46.13 ng
RT: 12.91 min Scan# 1638
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:216 Resp: 412530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.0 | 63.0 | 94.4 |
| 179 | 20.1 | 17.0 | 25.6 |
| 108 | 20.7 | 12.8 | 19.2# |



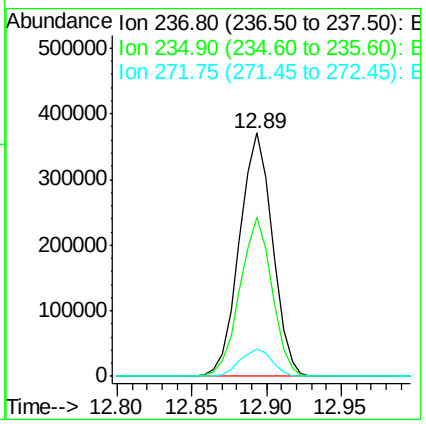


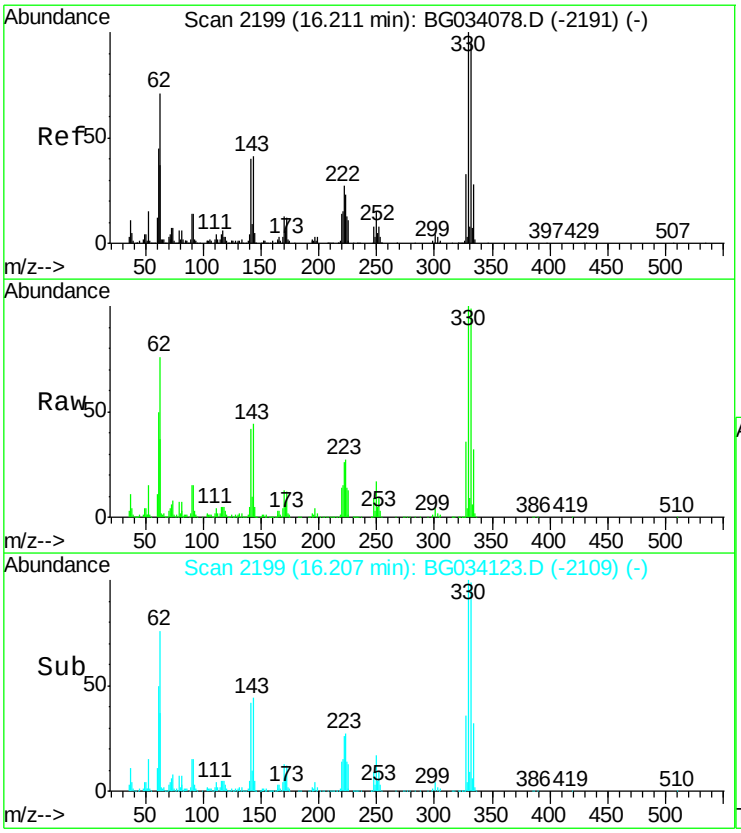

#40
Hexachlorocyclopentadiene
Concen: 107.32 ng
RT: 12.89 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:237 Resp: 568692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 65.2 | 50.4 | 90.4 |
| 272 | 11.2 | 0.0 | 31.8 |

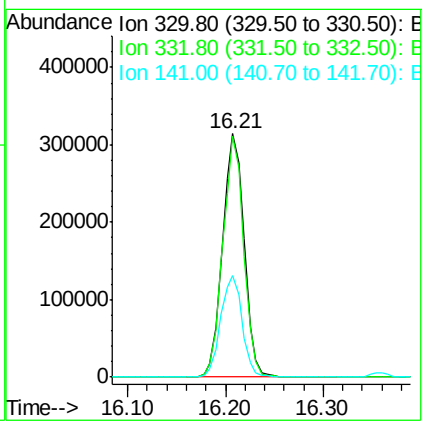


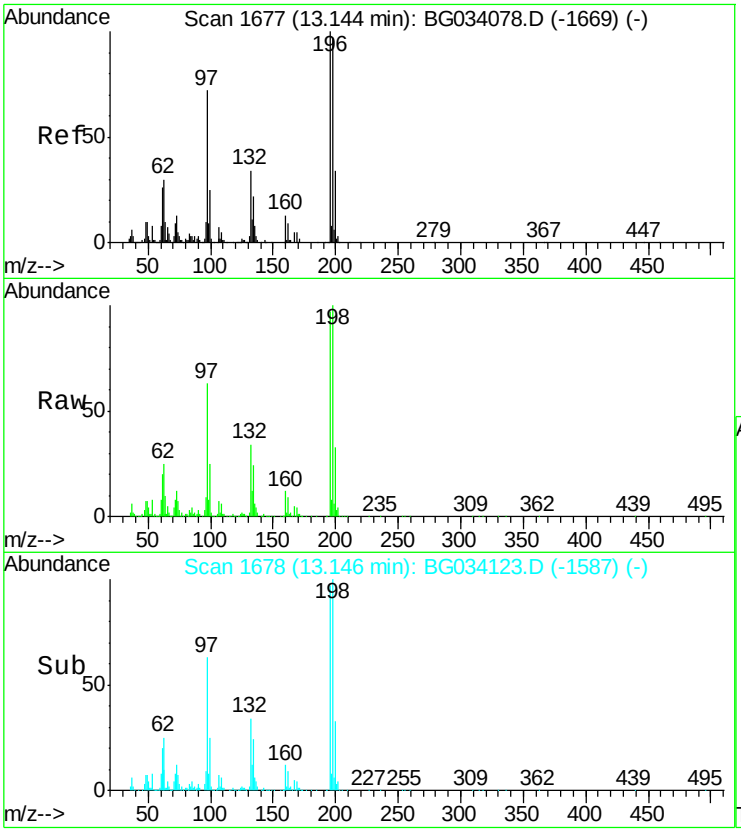




#41
2,4,6-Tribromophenol
Concen: 150.27 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:330 Resp: 480883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.7 | 77.0 | 115.6 |
| 141 | 41.5 | 25.2 | 37.8# |



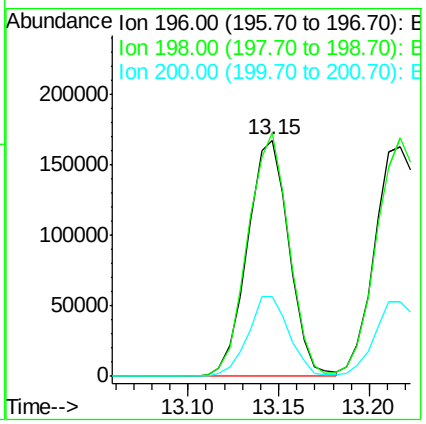


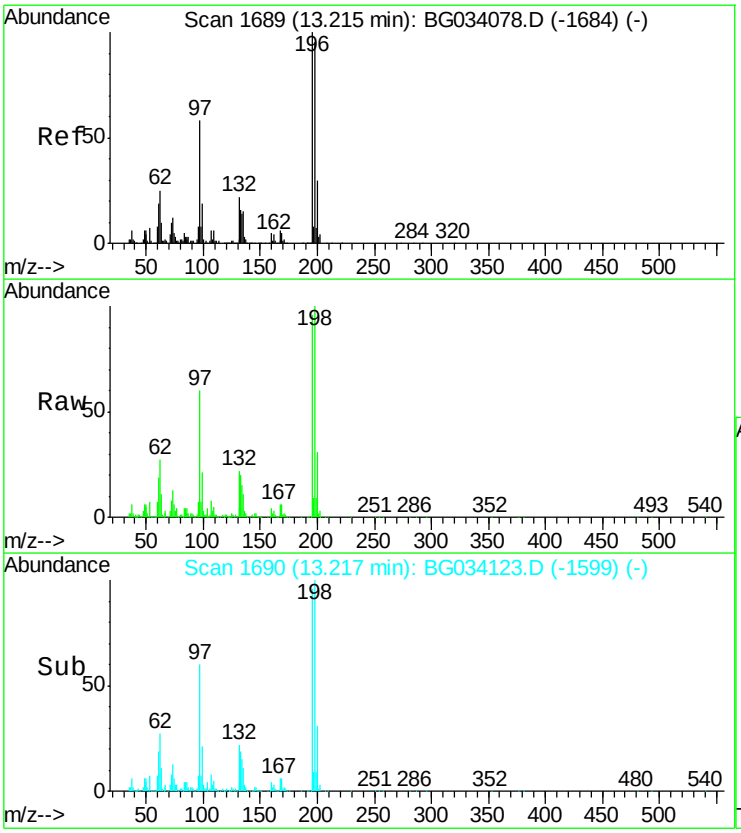

#42
2,4,6-Trichlorophenol
Concen: 51.98 ng
RT: 13.15 min Scan# 1678
Delta R.T. 0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:196 Resp: 270069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 103.2 | 78.2 | 117.2 |
| 200 | 33.6 | 24.6 | 36.8 |

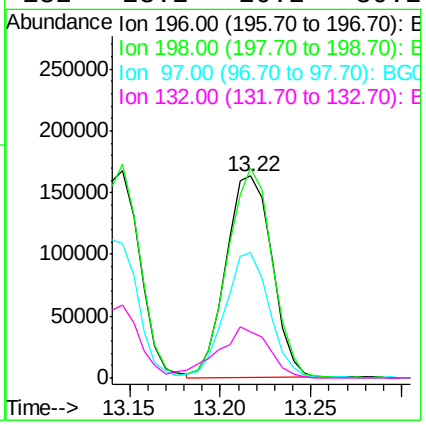


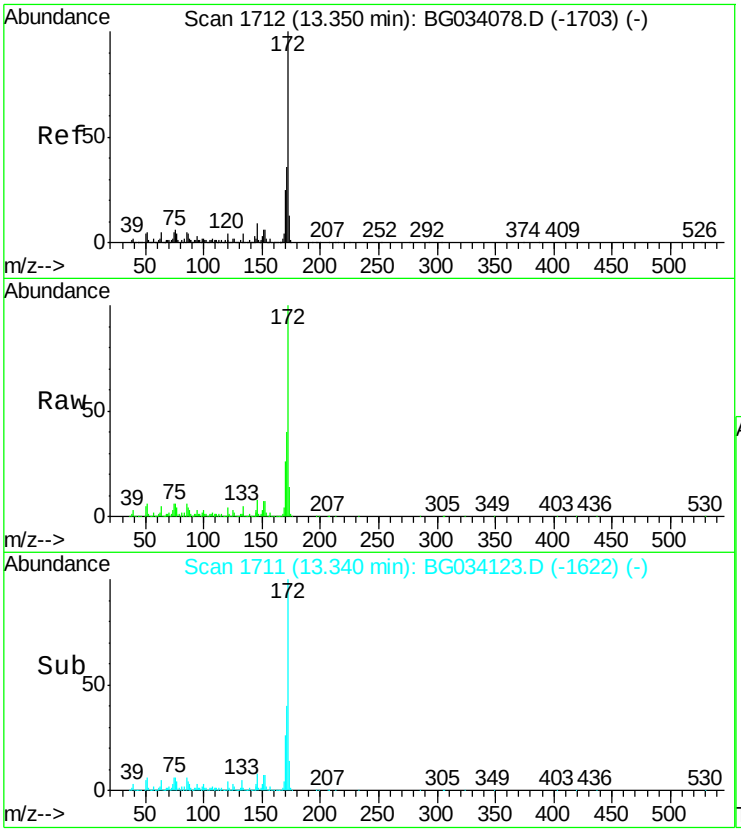




#43
2,4,5-Trichlorophenol
Concen: 50.10 ng
RT: 13.22 min Scan# 1690
Delta R.T. 0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:196 Resp: 287769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 103.8 | 76.2 | 114.4 |
| 97 | 62.1 | 38.7 | 58.1# |
| 132 | 23.2 | 20.2 | 30.2 |



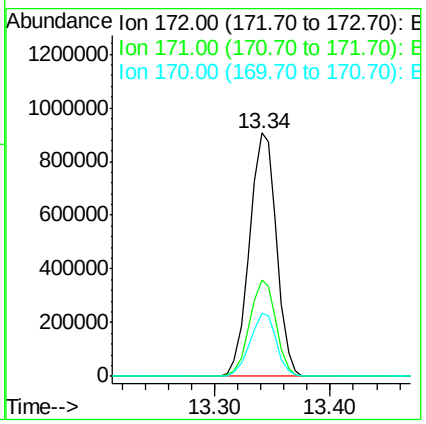


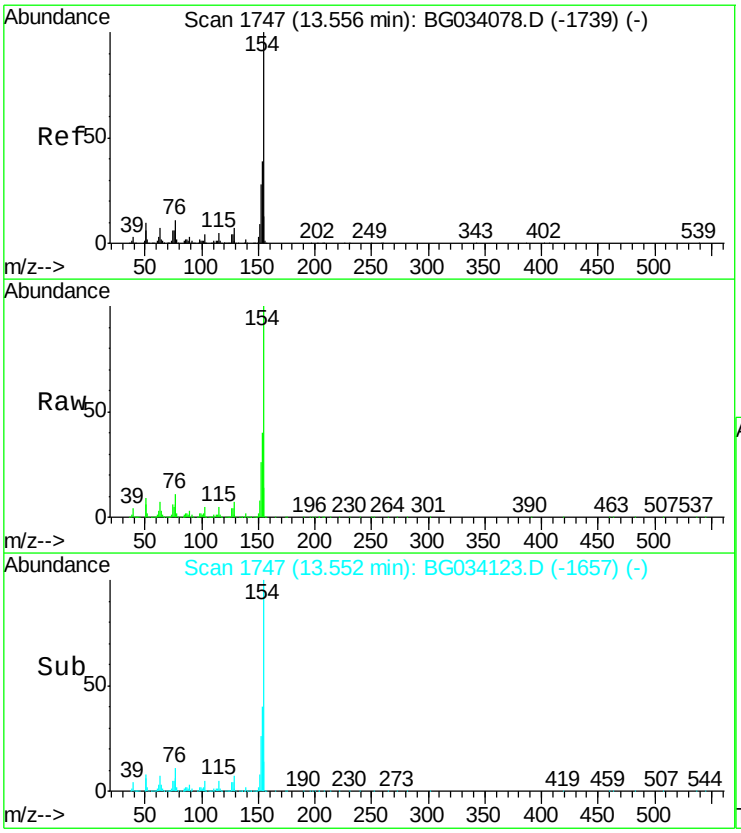

#44
2-Fluorobiphenyl
Concen: 92.97 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:172 Resp: 1474506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 39.6 | 30.0 | 45.0 |
| 170 | 25.7 | 19.5 | 29.3 |

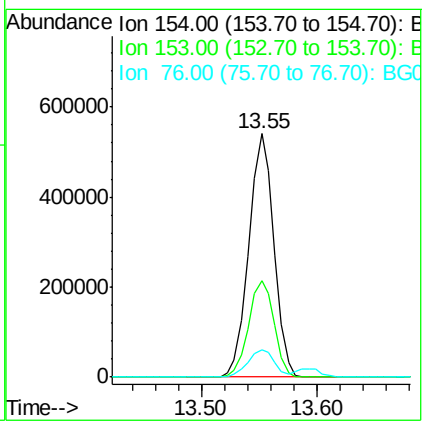


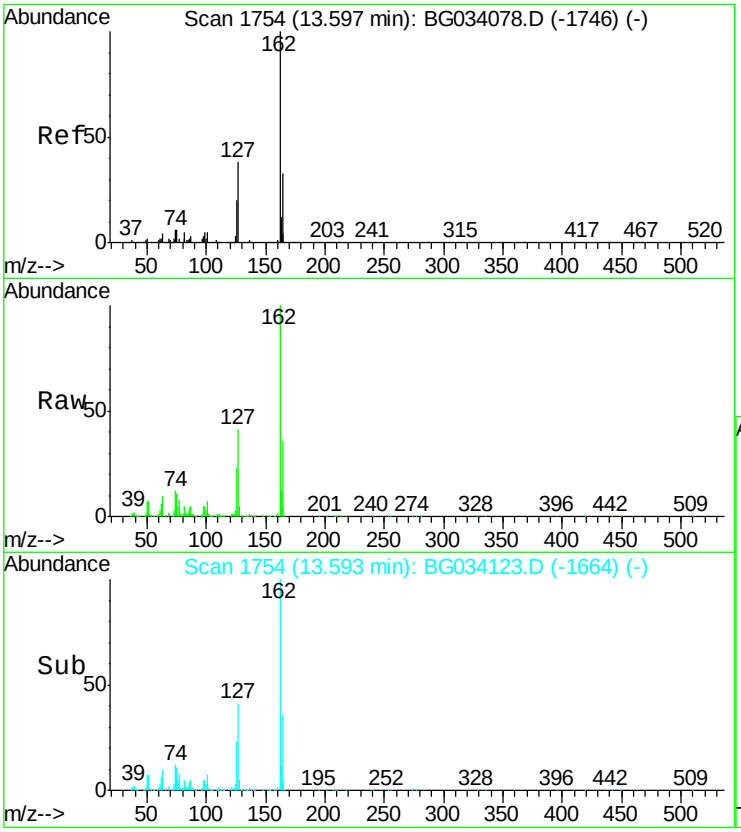




#45
1,1'-Biphenyl
Concen: 45.08 ng
RT: 13.55 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:154 Resp: 813878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.7 | 19.8 | 59.8 |
| 76 | 11.1 | 0.0 | 31.9 |



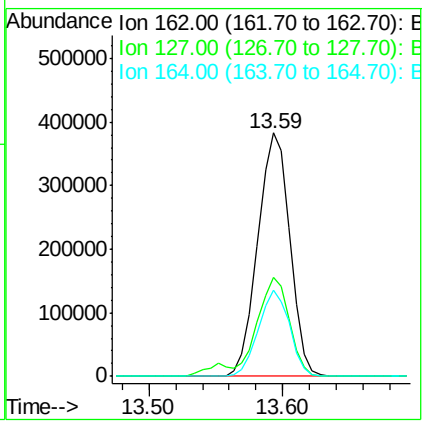


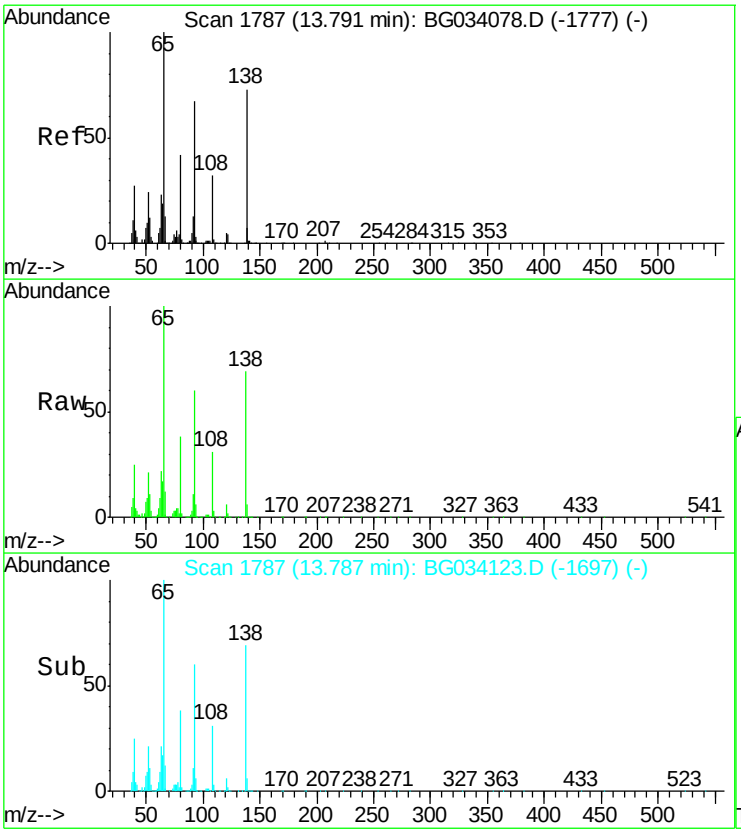

#46
2-Chloronaphthalene
Concen: 46.52 ng
RT: 13.59 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:162 Resp: 635900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 40.8 | 30.7 | 46.1 |
| 164 | 35.6 | 26.0 | 39.0 |

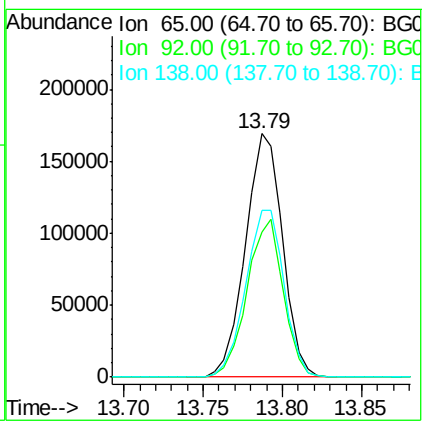


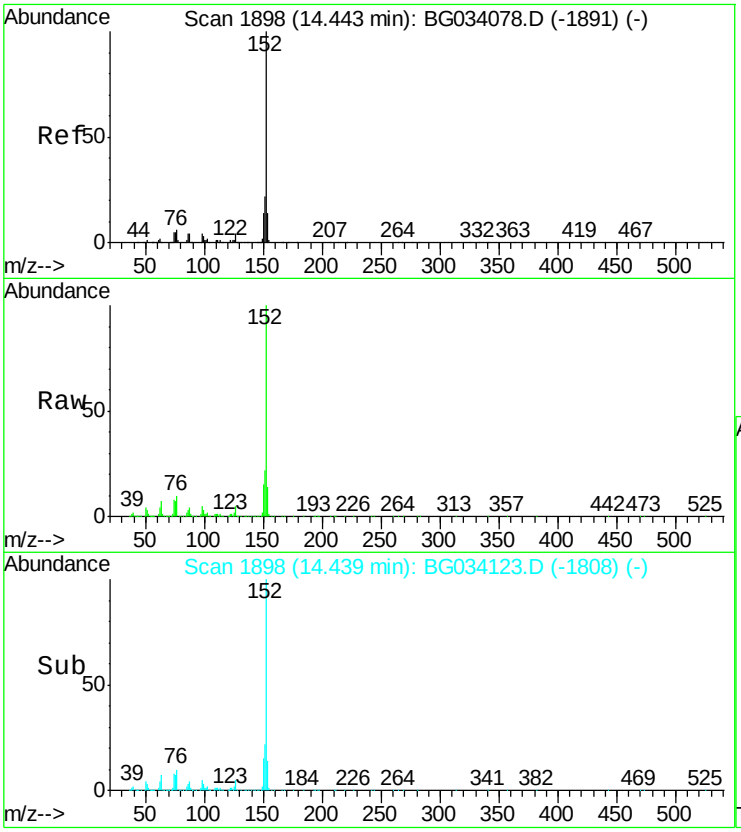




#47
2-Nitroaniline
Concen: 50.40 ng
RT: 13.79 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion: 65 Resp: 275431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 59.5 | 54.6 | 82.0 |
| 138 | 68.6 | 72.9 | 109.3# |



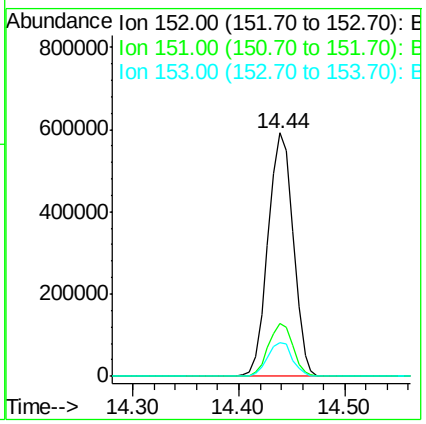


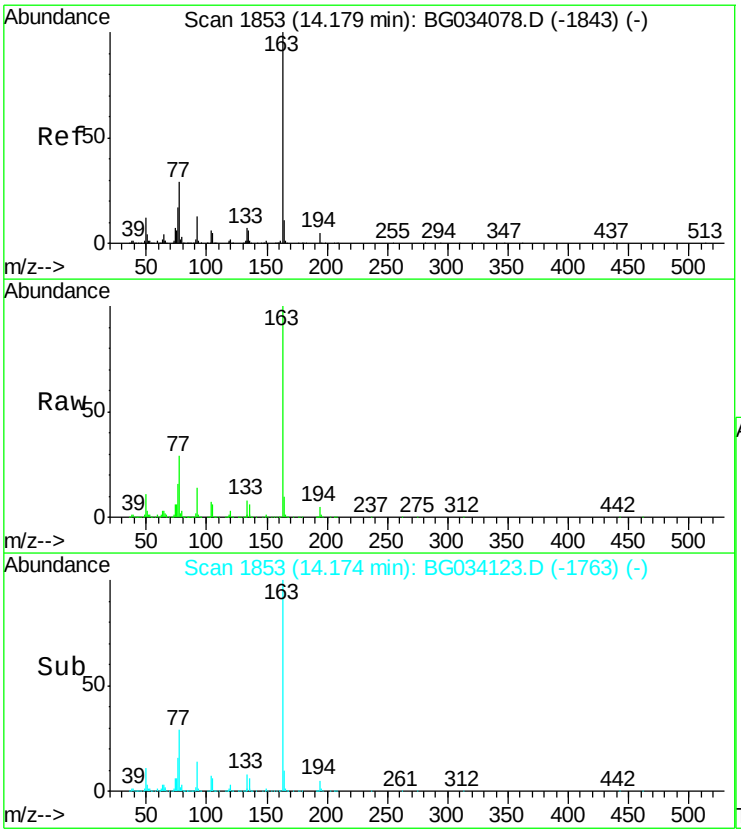

#48
Acenaphthylene
Concen: 44.62 ng
RT: 14.44 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:152 Resp: 973646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.6 | 17.2 | 25.8 |
| 153 | 13.9 | 10.2 | 15.4 |

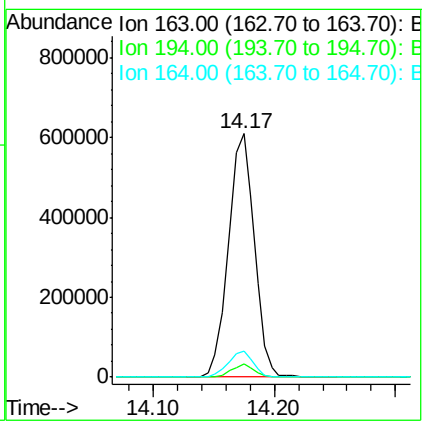


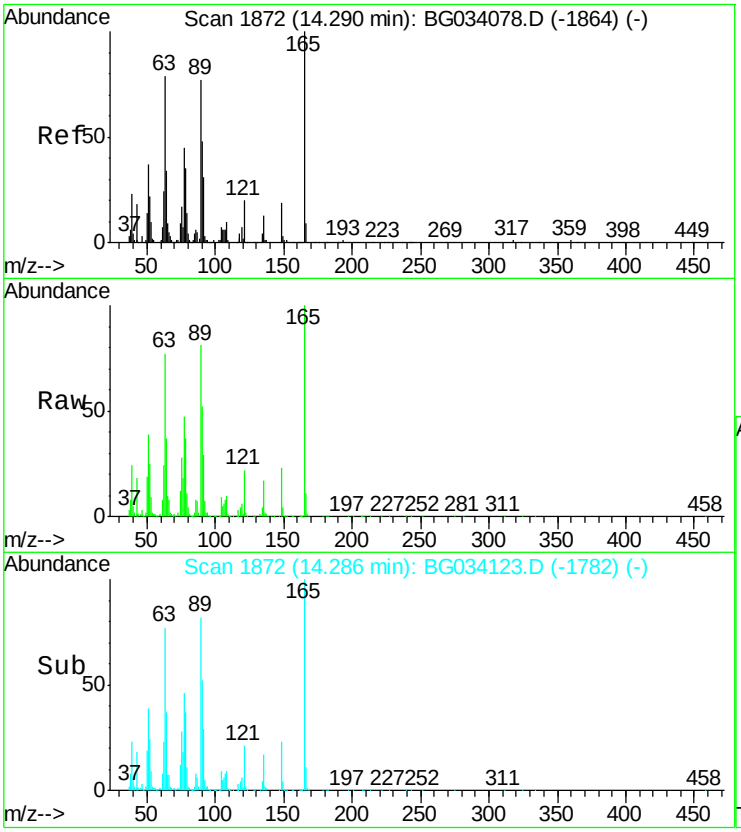




#49
Dimethylphthalate
Concen: 45.58 ng
RT: 14.17 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:163 Resp: 913436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 5.2 | 3.4 | 5.2# |
| 164 | 10.4 | 8.2 | 12.4 |



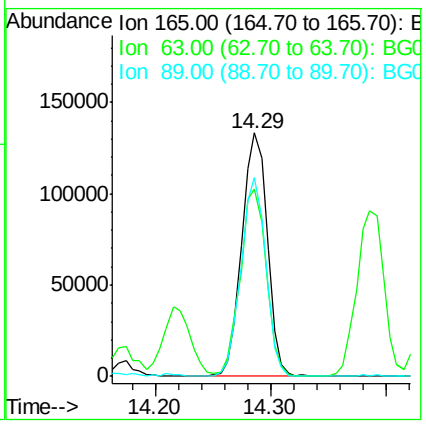


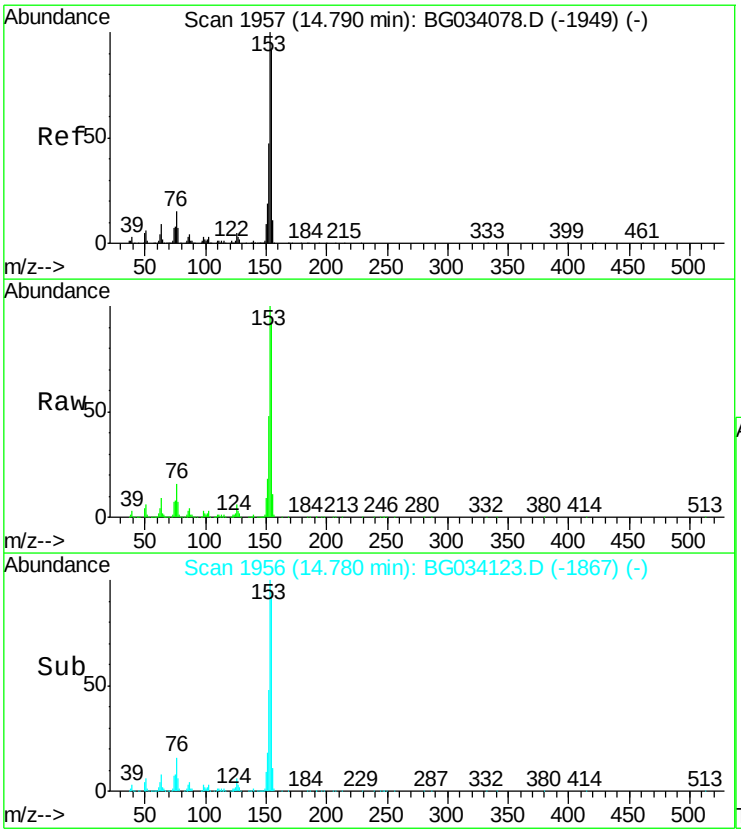

#50
2,6-Dinitrotoluene
Concen: 53.17 ng
RT: 14.29 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:165 Resp: 204642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 77.2 | 52.7 | 79.1 |
| 89 | 81.5 | 49.2 | 73.8# |

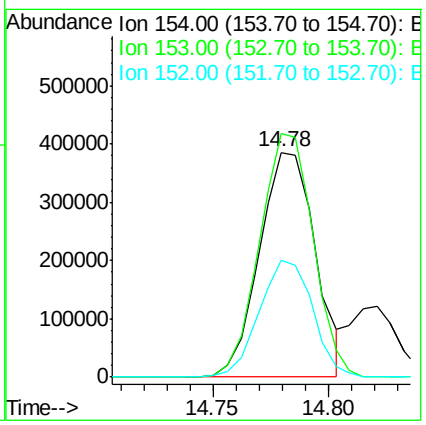


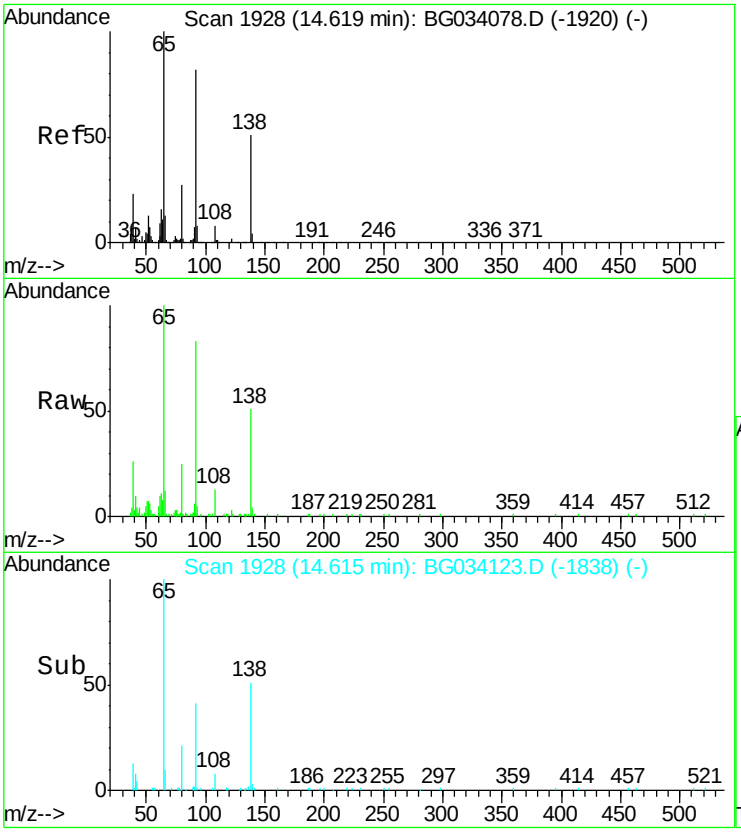




#51
Acenaphthene
Concen: 43.64 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:154 Resp: 647186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 108.3 | 90.4 | 135.6 |
| 152 | 51.9 | 41.6 | 62.4 |



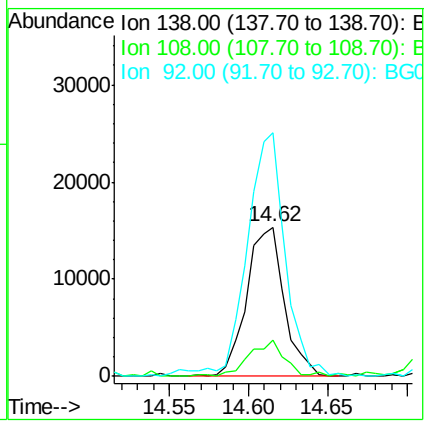


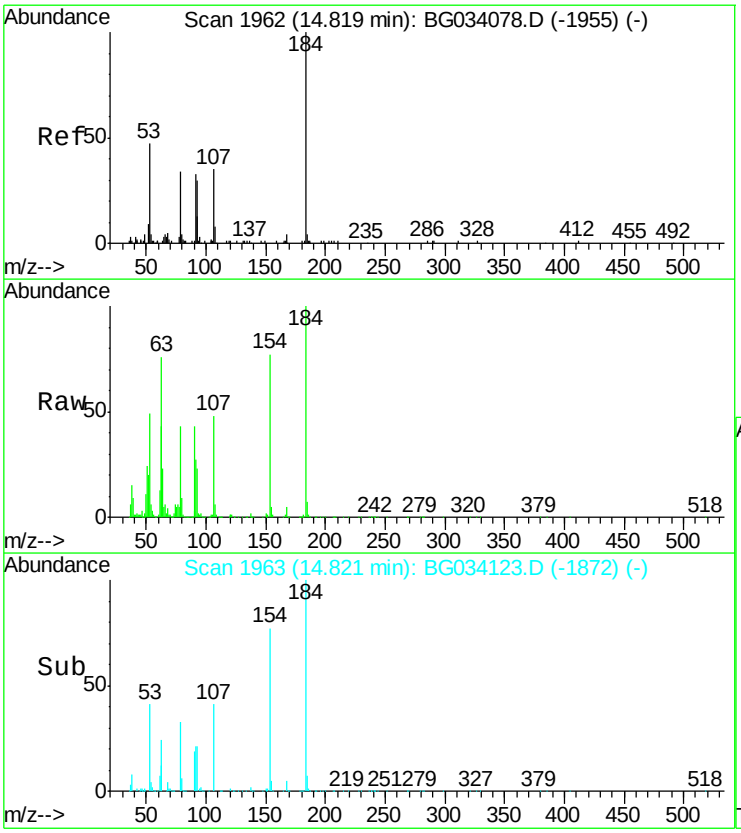

#52
3-Nitroaniline
Concen: 6.51 ng
RT: 14.62 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:138 Resp: 25253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 24.7 | 17.5 | 26.3 |
| 92 | 163.1 | 105.8 | 158.8# |

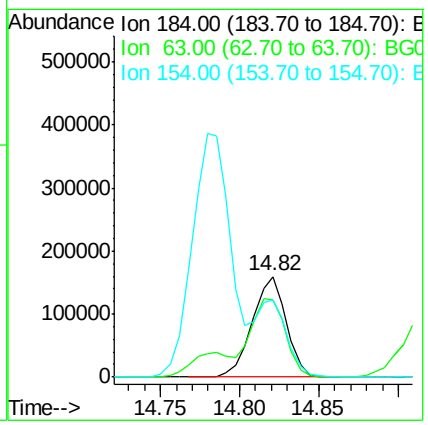


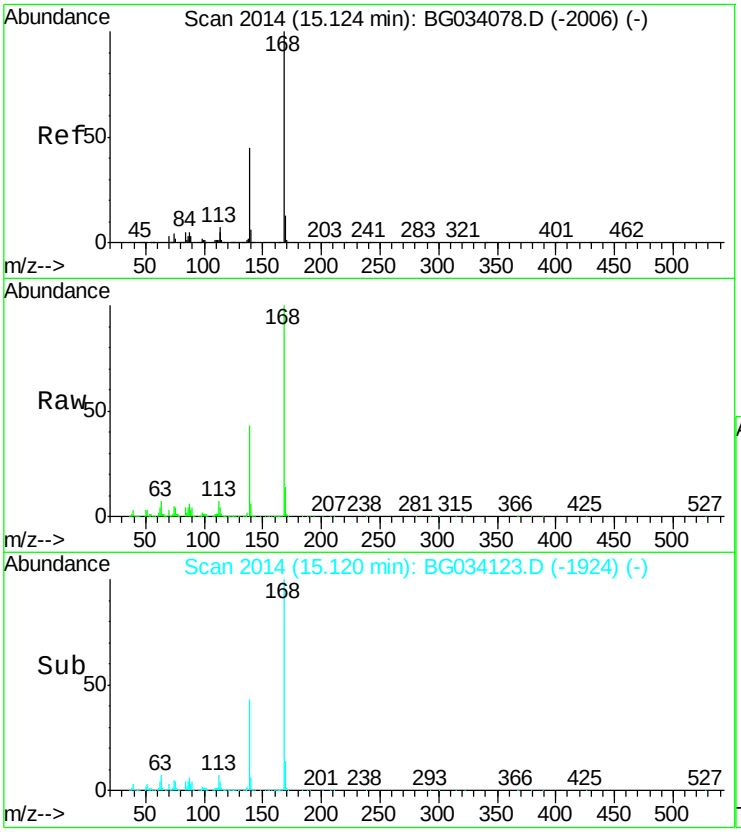




#53
2,4-Dinitrophenol
Concen: 157.87 ng
RT: 14.82 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:184 Resp: 237698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 76.4 | 59.8 | 89.8 |
| 154 | 76.6 | 101.8 | 152.8# |



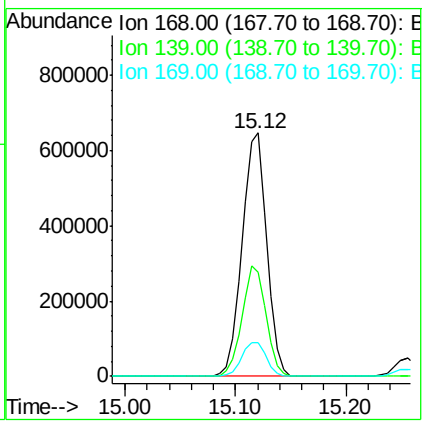


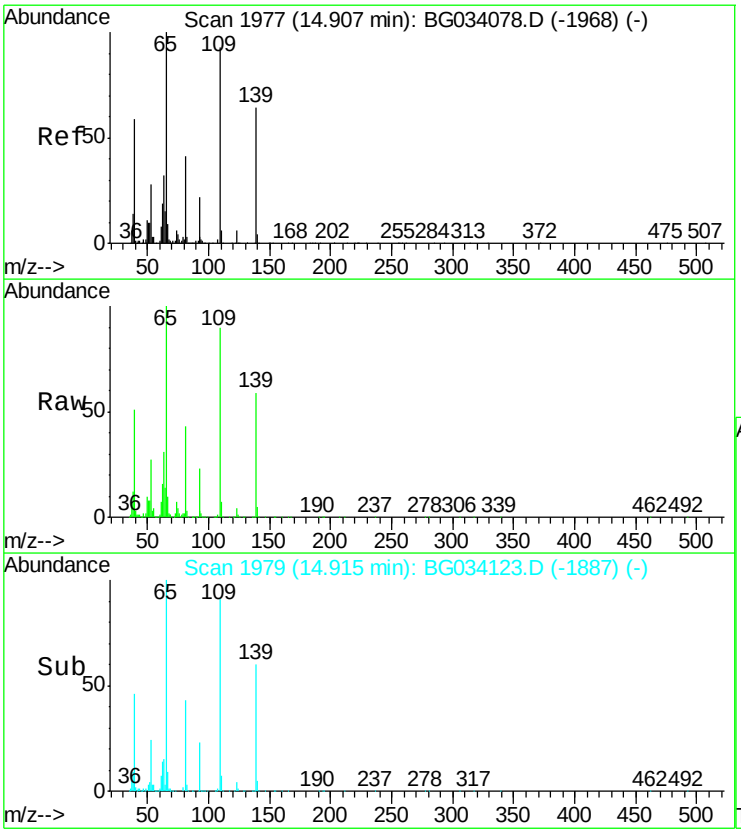

#54
Dibenzofuran
Concen: 46.94 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:168 Resp: 1009382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 42.7 | 28.6 | 43.0 |
| 169 | 13.7 | 11.2 | 16.8 |

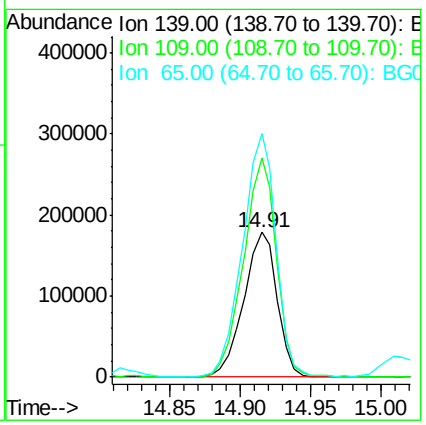


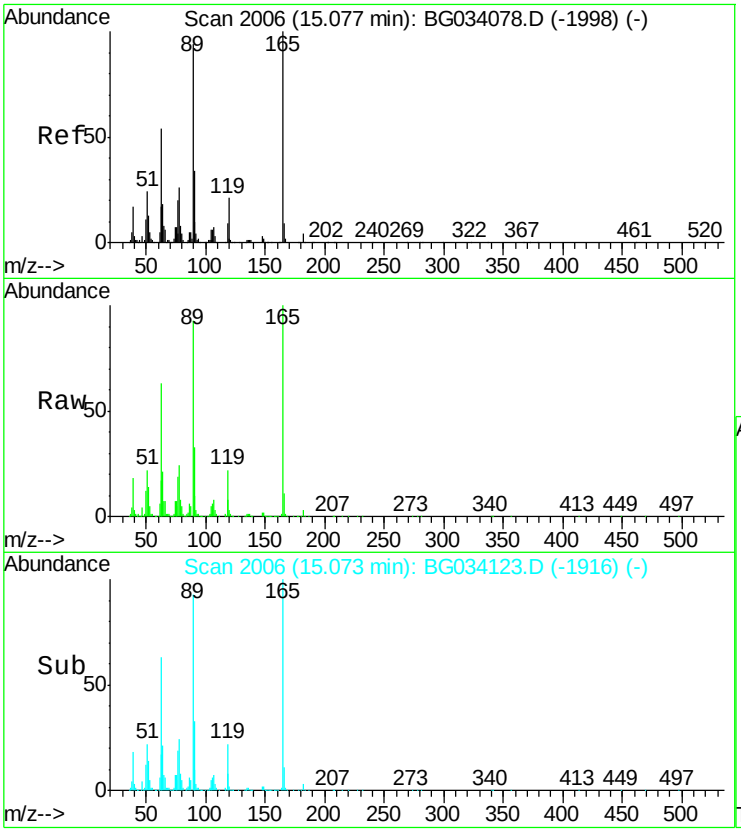




#55
4-Nitrophenol
Concen: 100.23 ng
RT: 14.91 min Scan# 1979
Delta R.T. 0.01 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:139 Resp: 296766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 151.9 | 62.2 | 102.2# |
| 65 | 168.6 | 97.2 | 137.2# |



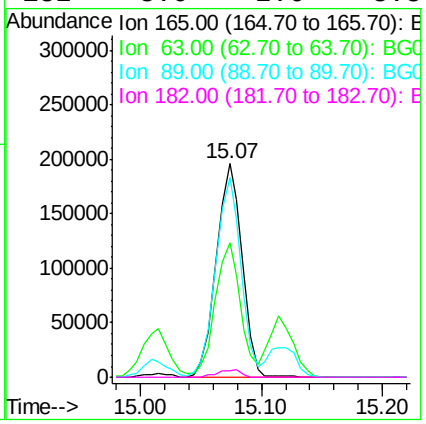


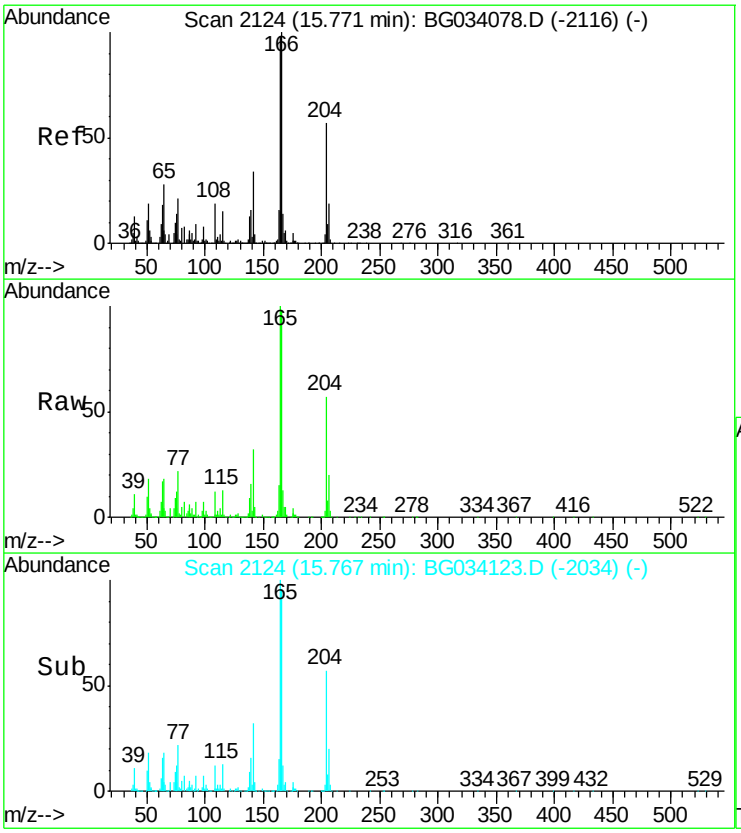

#56
2,4-Dinitrotoluene
Concen: 55.18 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:165 Resp: 288381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 62.8 | 42.0 | 63.0 |
| 89 | 93.4 | 66.9 | 100.3 |
| 182 | 3.0 | 2.6 | 3.8 |

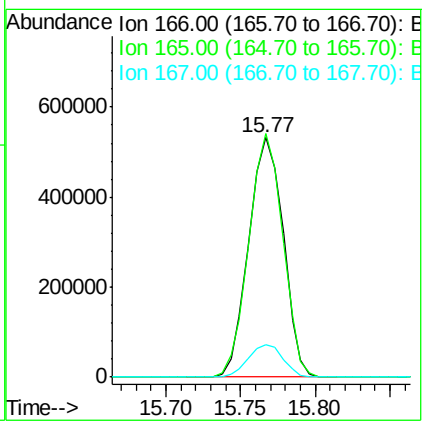


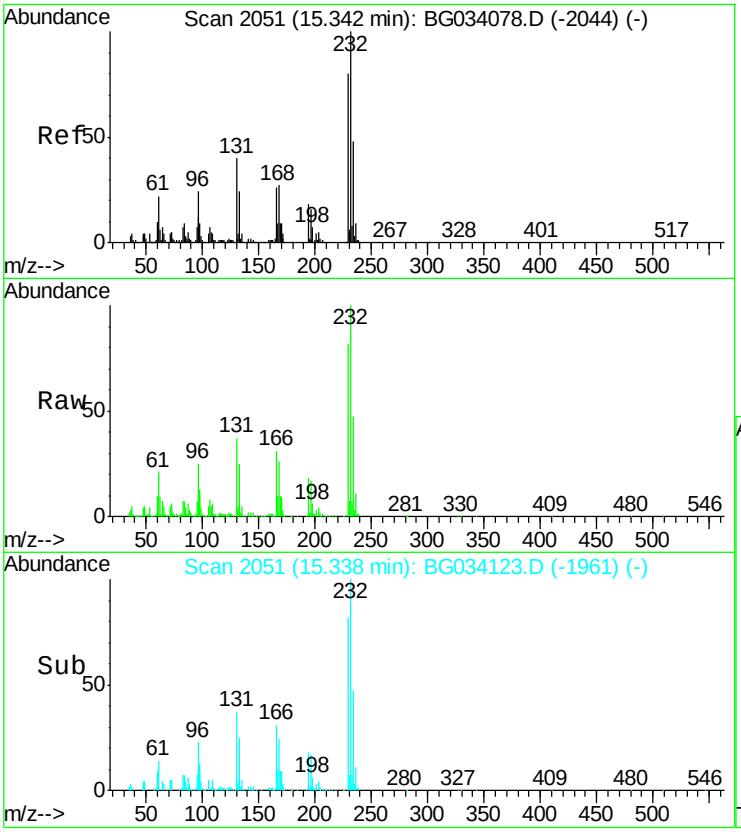




#57
Fluorene
Concen: 45.31 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:166 Resp: 849210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 101.7 | 80.6 | 121.0 |
| 167 | 13.6 | 10.4 | 15.6 |



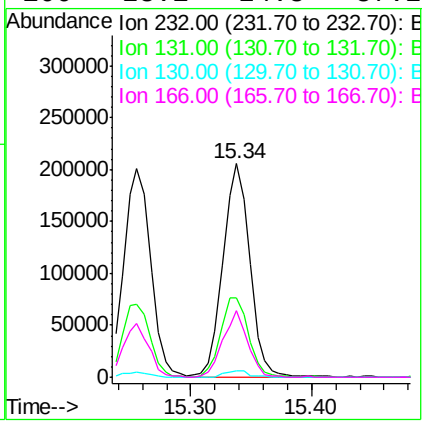


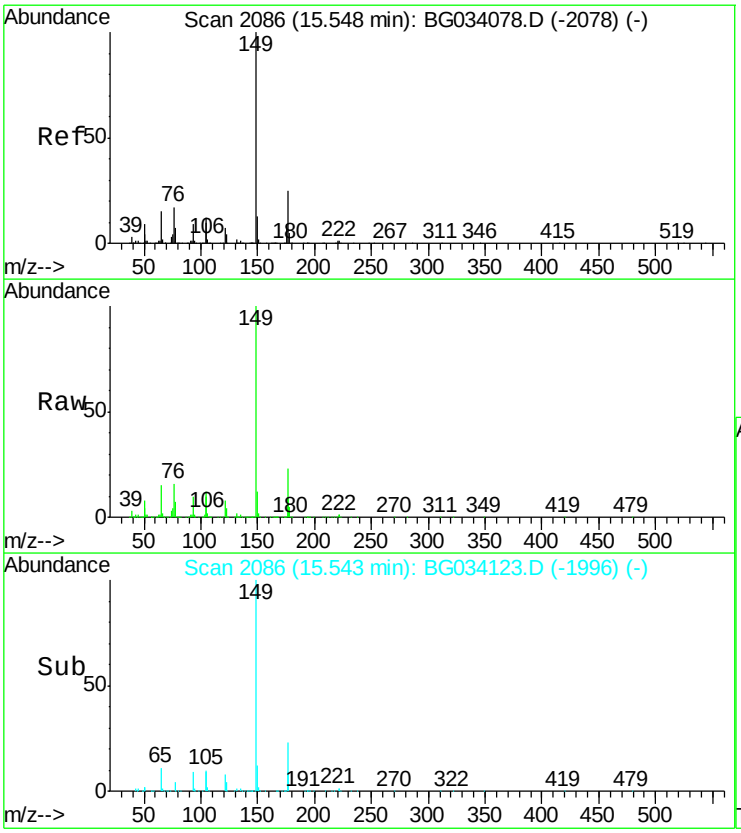

#58
2,3,4,6-Tetrachlorophenol
Concen: 53.39 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:232 Resp: 317256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 38.1 | 33.5 | 50.3 |
| 130 | 2.7 | 2.2 | 3.2 |
| 166 | 28.1 | 24.8 | 37.2 |

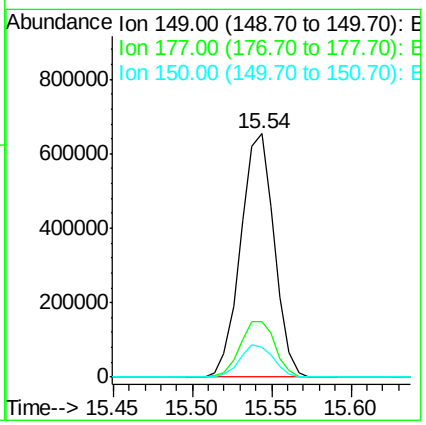


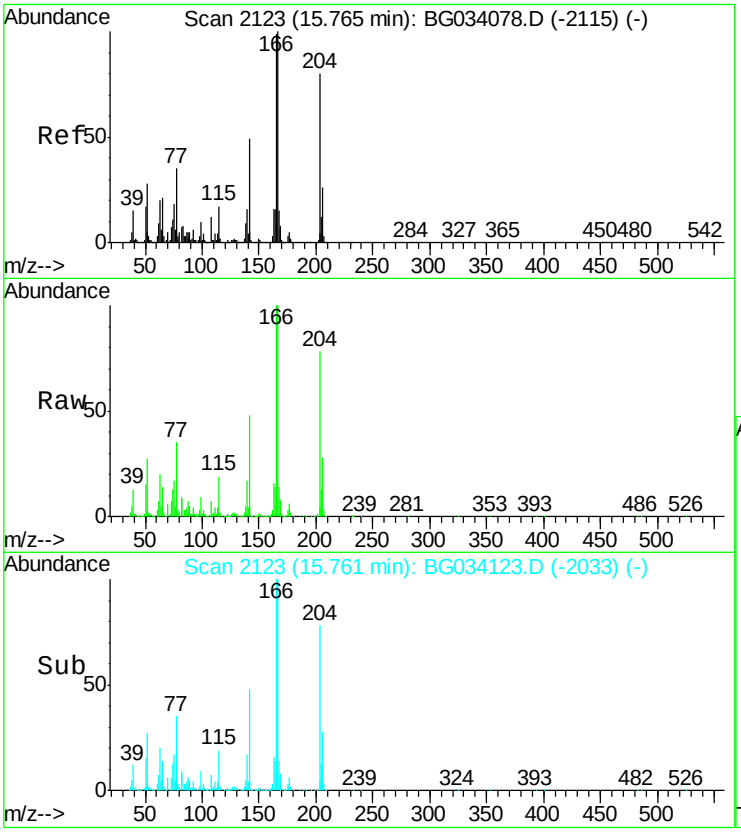




#59
Diethylphthalate
Concen: 45.11 ng
RT: 15.54 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:149 Resp: 956678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.7 | 18.5 | 27.7 |
| 150 | 12.4 | 10.2 | 15.2 |



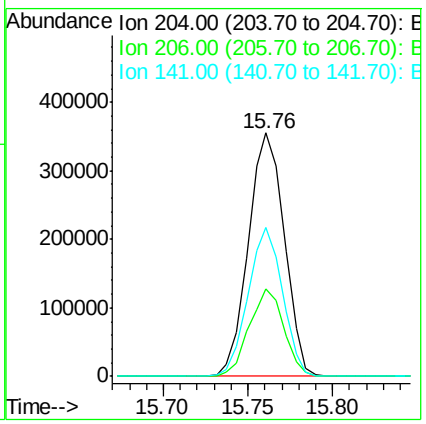


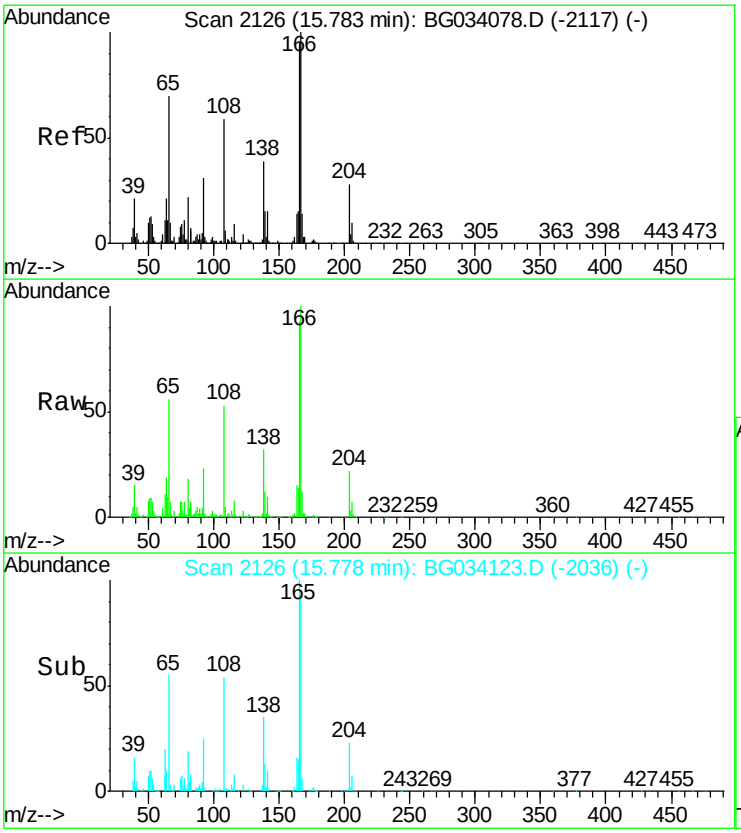

#60
4-Chlorophenyl-phenylether
Concen: 47.27 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:204 Resp: 527063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 35.9 | 26.2 | 39.2 |
| 141 | 61.4 | 45.8 | 68.6 |

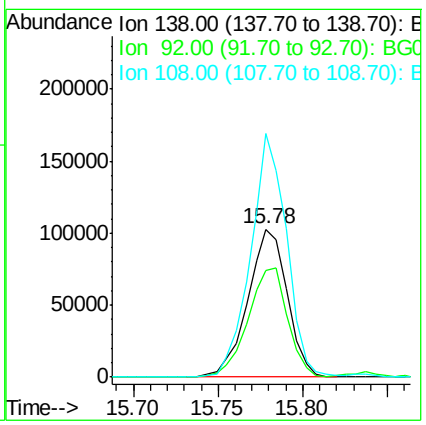


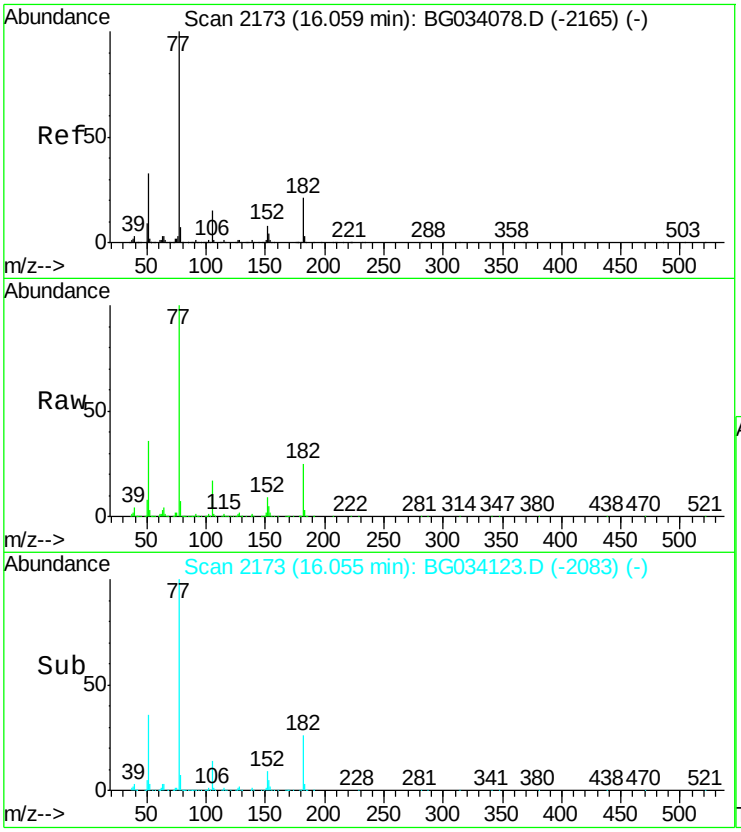




#61
4-Nitroaniline
Concen: 40.33 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:138 Resp: 165964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 71.6 | 40.1 | 80.1 |
| 108 | 164.3 | 65.4 | 105.4# |



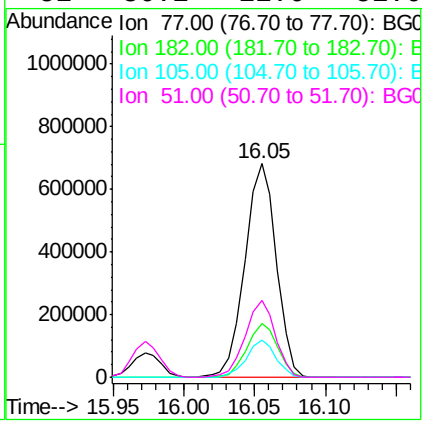


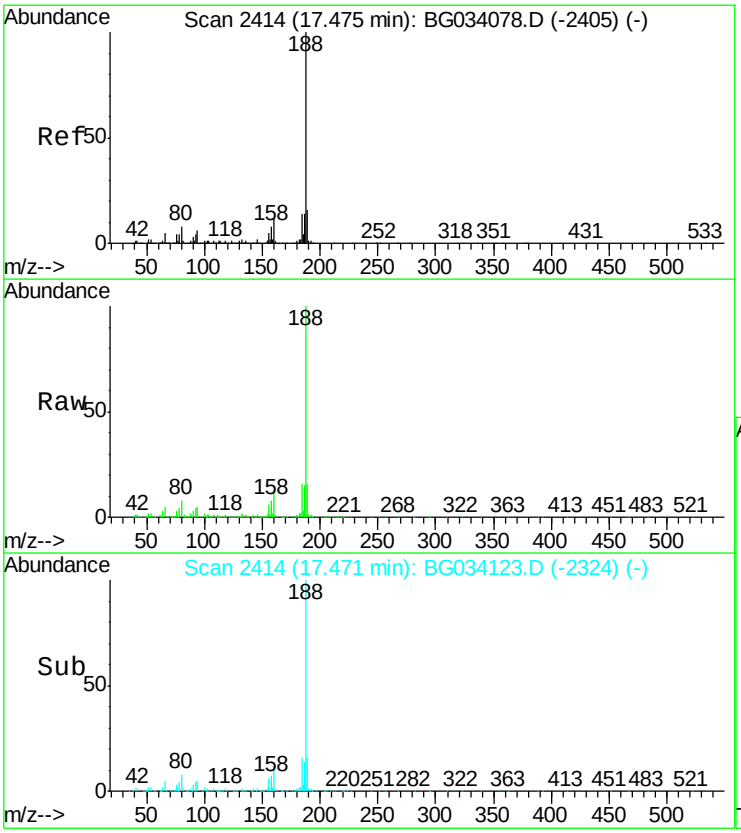

#62
Azobenzene
Concen: 46.36 ng
RT: 16.05 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion: 77 Resp: 1061976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 25.0 | 7.4 | 47.4 |
| 105 | 17.1 | 0.3 | 40.3 |
| 51 | 36.1 | 11.6 | 51.6 |

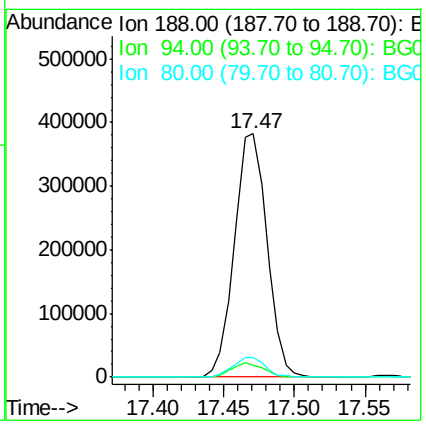


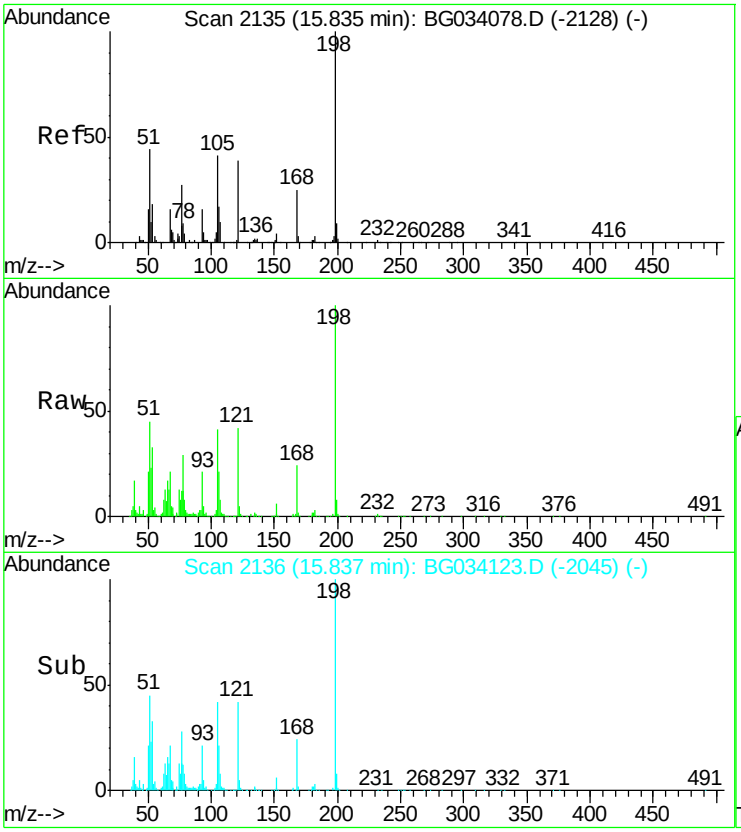




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:188 Resp: 617888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 5.1 | 6.9 | 10.3# |
| 80 | 8.2 | 7.7 | 11.5 |



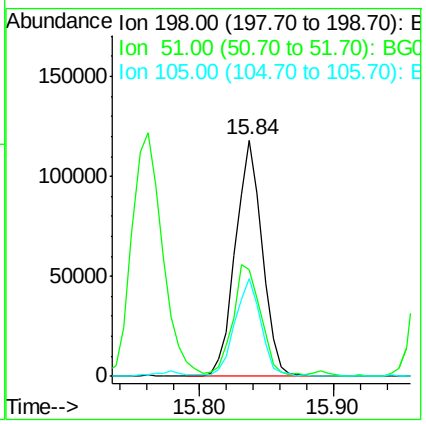


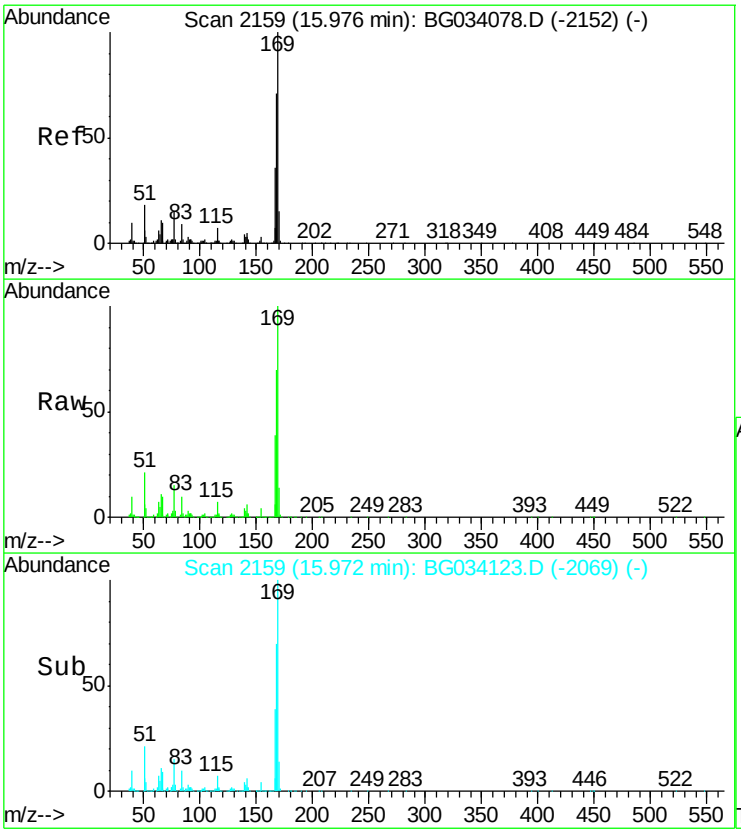

#64
4,6-Dinitro-2-methylphenol
Concen: 56.62 ng
RT: 15.84 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:198 Resp: 164478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 45.1 | 30.6 | 70.6 |
| 105 | 41.3 | 23.8 | 63.8 |

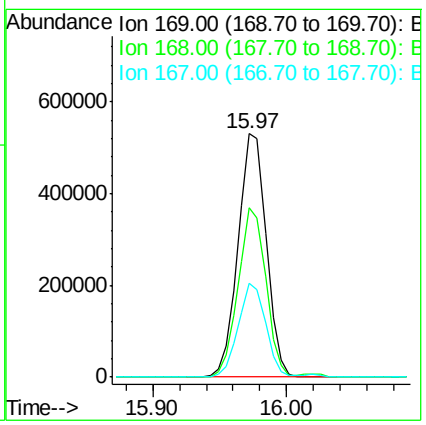


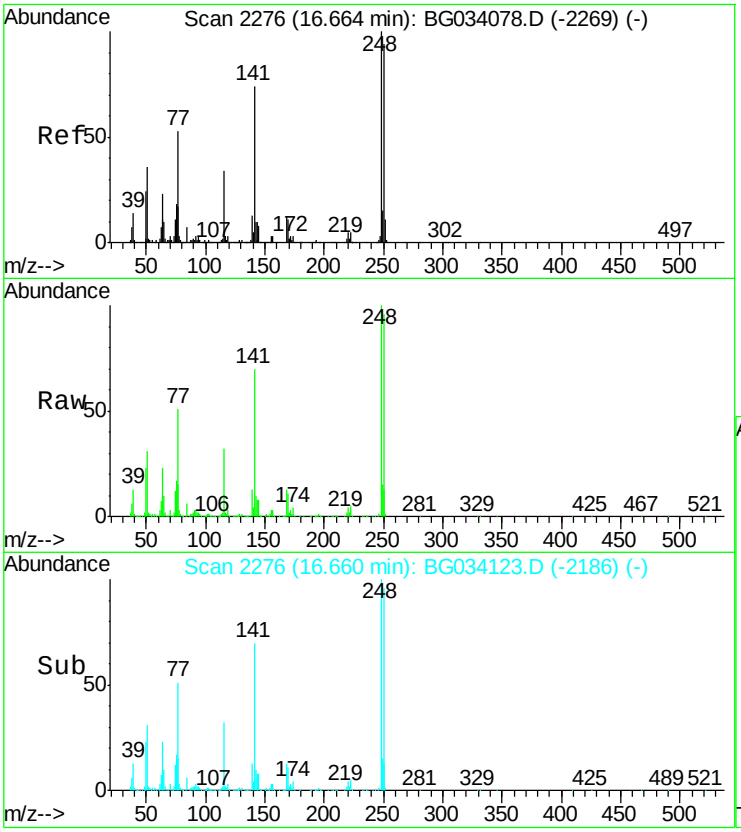




#65
n-Nitrosodiphenylamine
Concen: 45.93 ng
RT: 15.97 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:169 Resp: 773779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 69.7 | 55.7 | 83.5 |
| 167 | 38.7 | 30.1 | 45.1 |



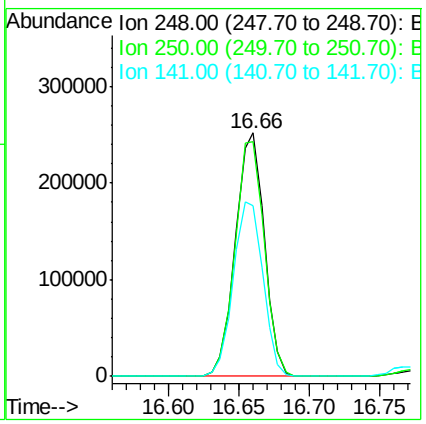


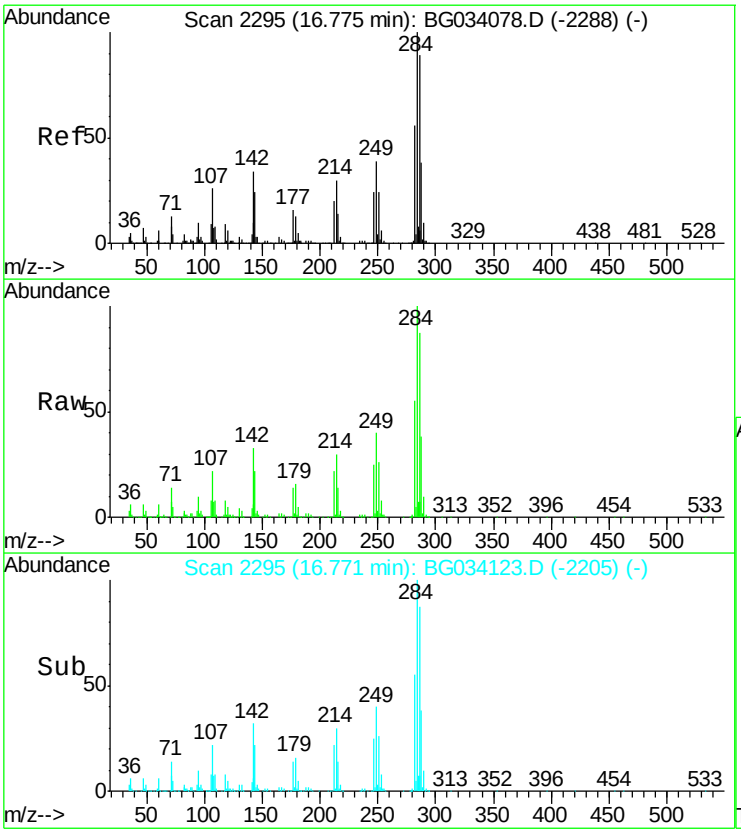

#66
4-Bromophenyl-phenylether
Concen: 46.74 ng
RT: 16.66 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:248 Resp: 358529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.3 | 77.1 | 115.7 |
| 141 | 70.2 | 50.8 | 76.2 |

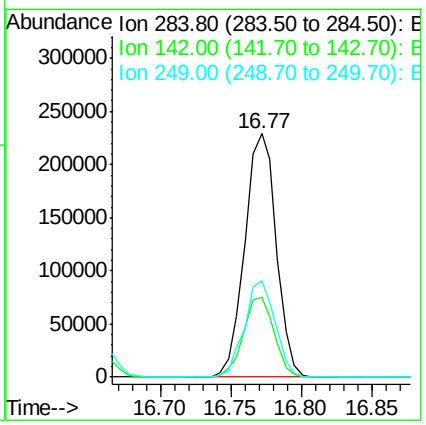


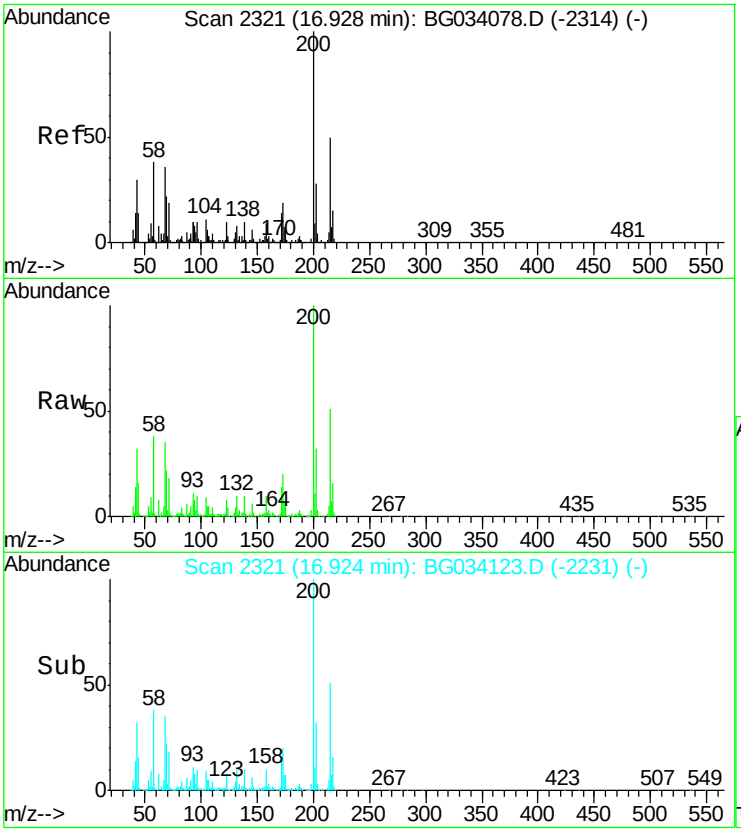




#67
Hexachlorobenzene
Concen: 46.05 ng
RT: 16.77 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:284 Resp: 358640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 32.7 | 26.8 | 40.2 |
| 249 | 39.8 | 26.3 | 39.5# |



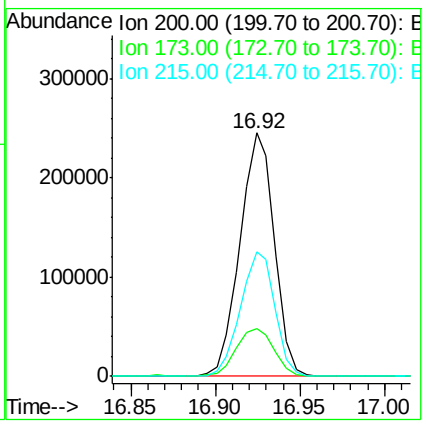


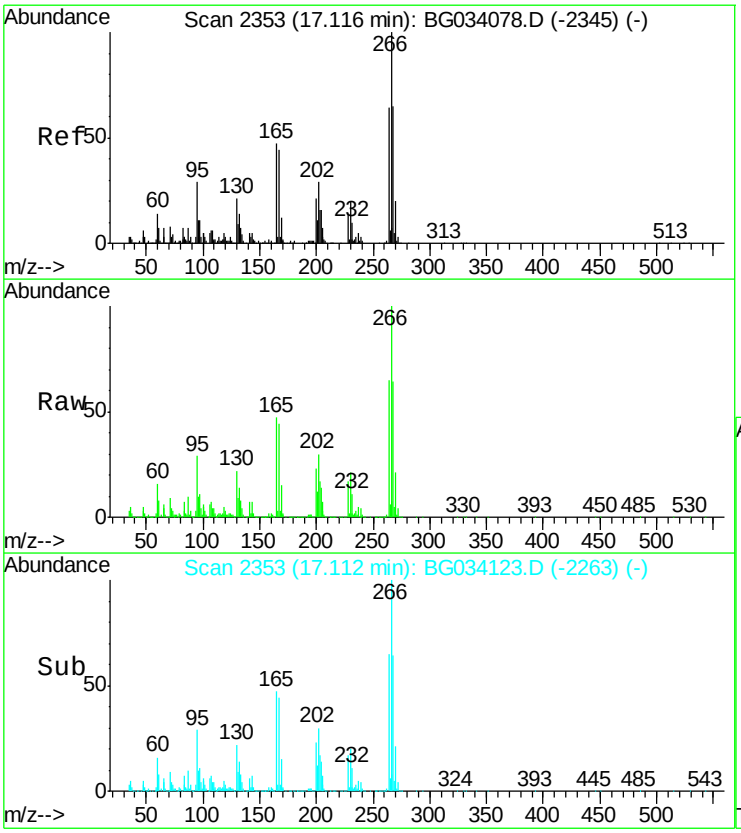

#68
Atrazine
Concen: Below Cal
RT: 16.92 min Scan# 2321
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:200 Resp: 346508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 19.5 | 5.2 | 45.2 |
| 215 | 51.4 | 30.4 | 70.4 |

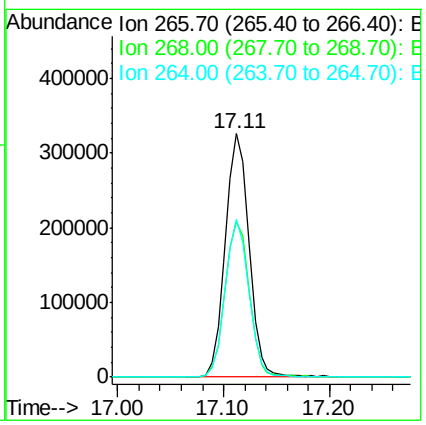


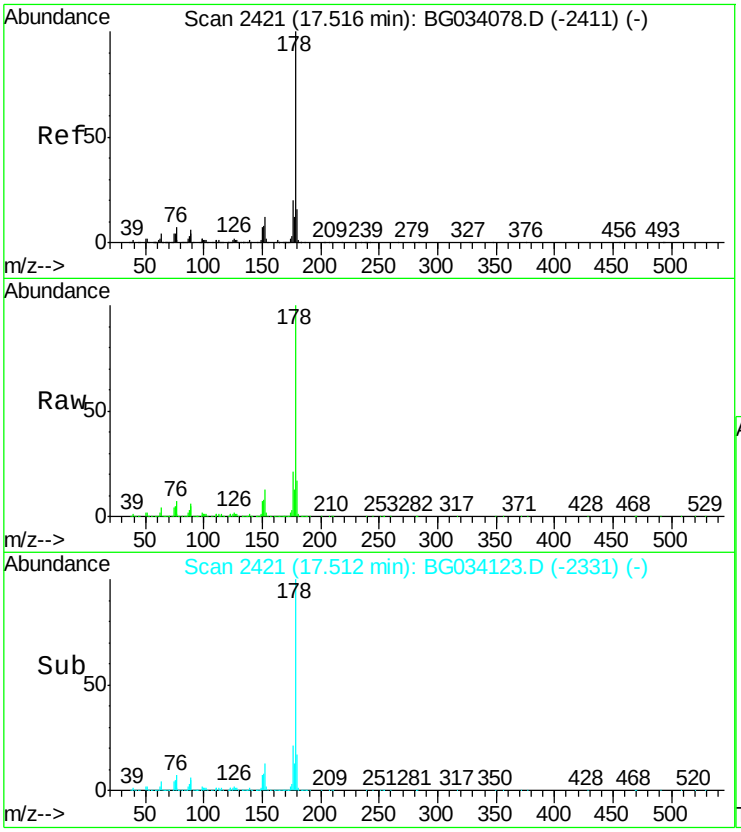




#69
Pentachlorophenol
Concen: 93.47 ng
RT: 17.11 min Scan# 2353
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:266 Resp: 507314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.9 | 51.1 | 76.7 |
| 264 | 65.0 | 49.6 | 74.4 |



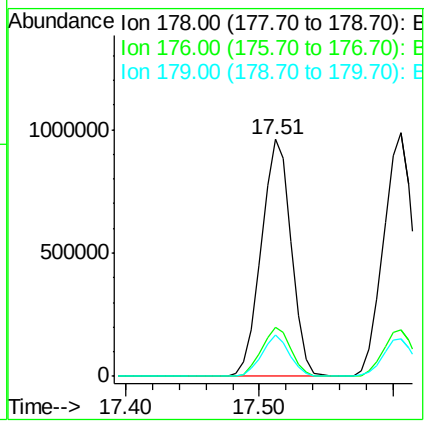


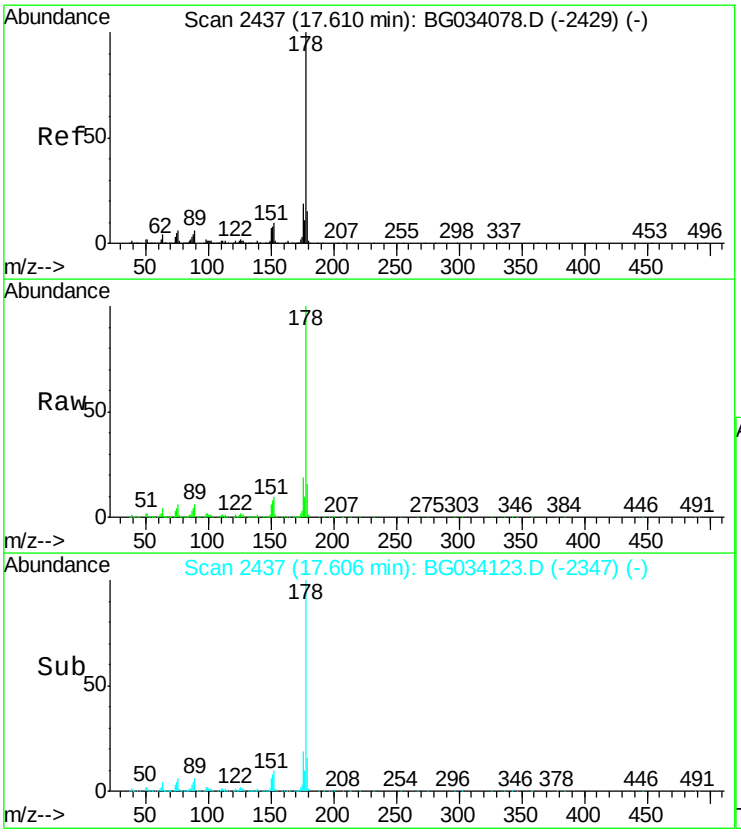

#70
Phenanthrene
Concen: 46.76 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:178 Resp: 1484769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.8 | 15.7 | 23.5 |
| 179 | 17.3 | 12.5 | 18.7 |

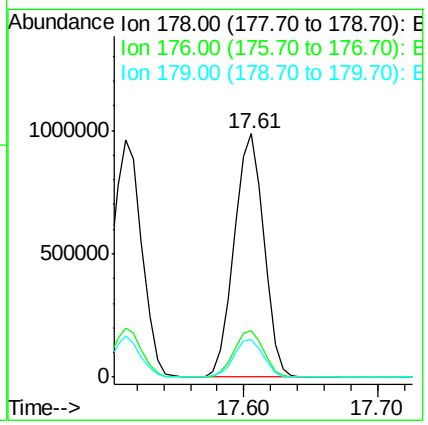


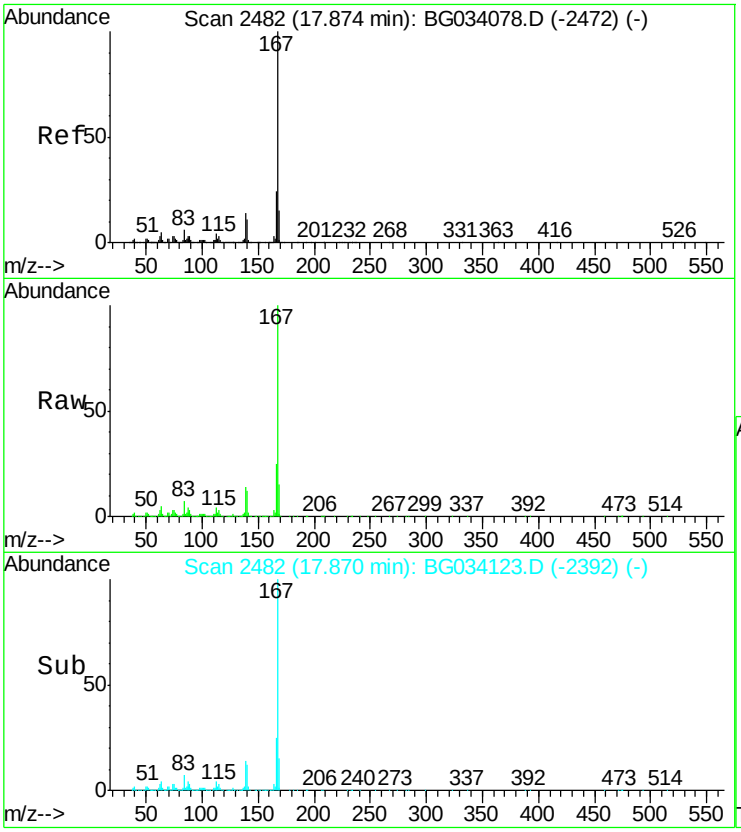




#71
Anthracene
Concen: 47.23 ng
RT: 17.61 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:178 Resp: 1519712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 16.0 | 24.0 |
| 179 | 15.7 | 12.5 | 18.7 |



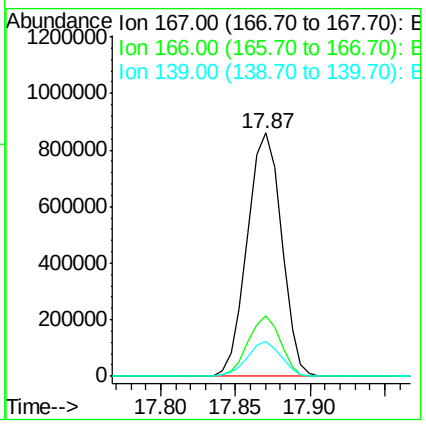


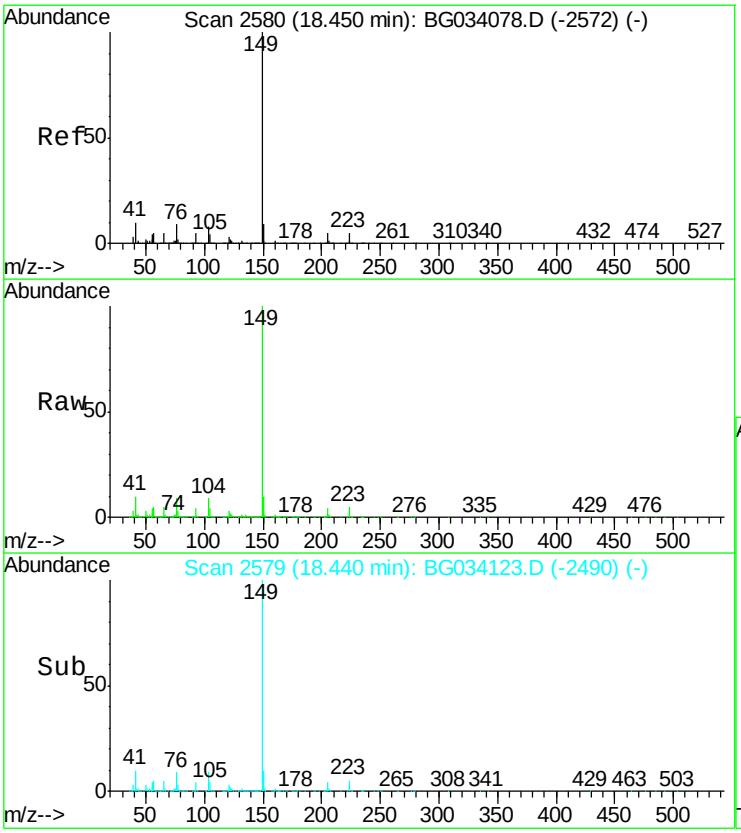

#72
Carbazole
Concen: 46.52 ng
RT: 17.87 min Scan# 2482
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:167 Resp: 1370307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 24.6 | 18.2 | 27.4 |
| 139 | 14.4 | 9.4 | 14.2# |

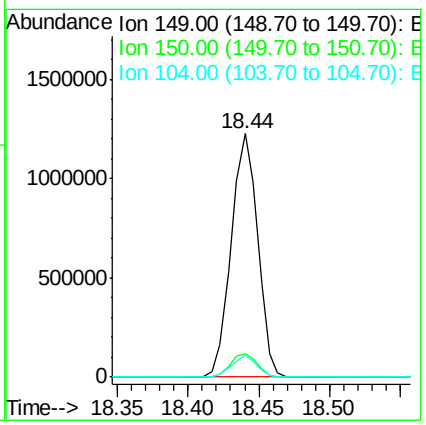


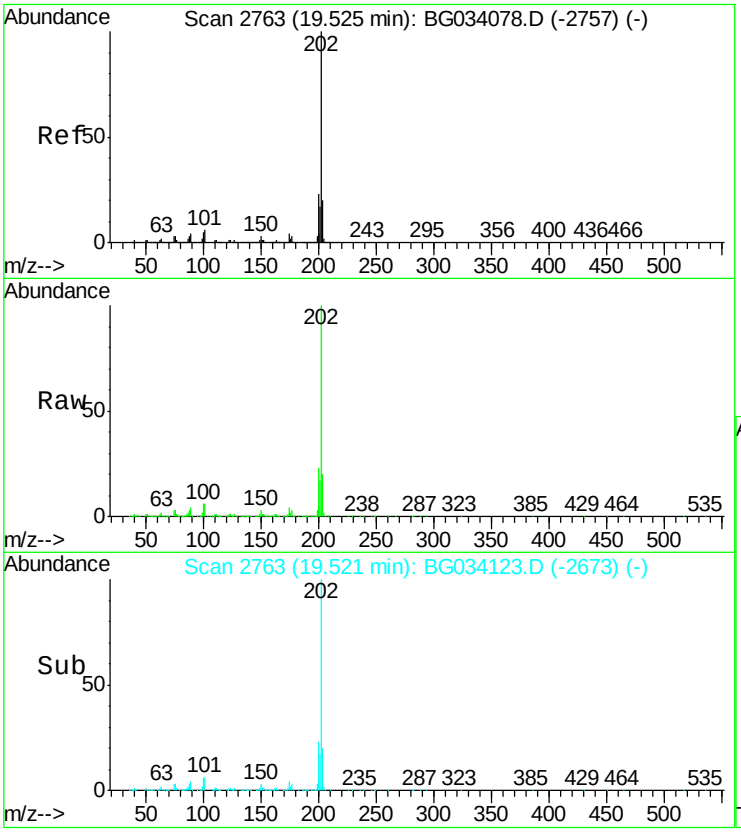




#73
Di-n-butylphthalate
Concen: 45.20 ng
RT: 18.44 min Scan# 2579
Delta R.T. -0.01 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:149 Resp: 1602501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.9 | 7.8 | 11.6 |
| 104 | 8.9 | 3.9 | 5.9# |



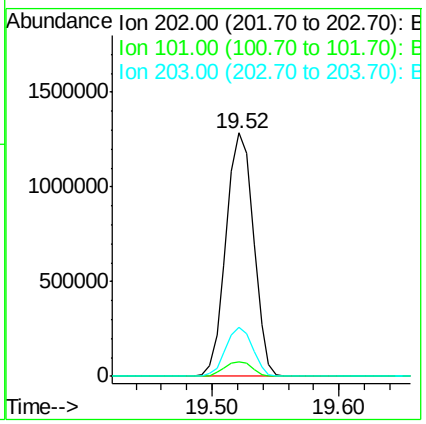


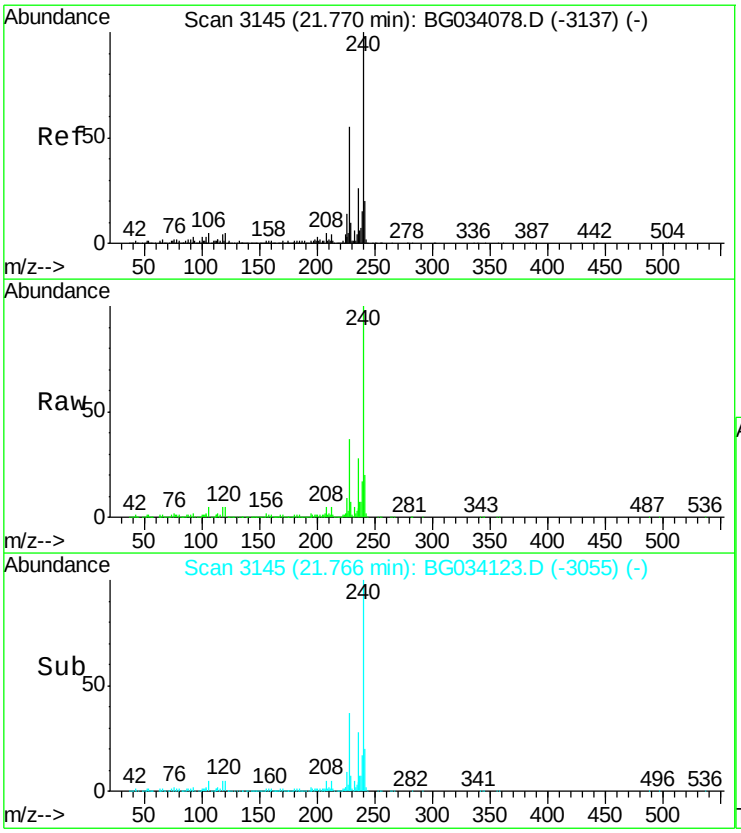

#74
Fluoranthene
Concen: 47.96 ng
RT: 19.52 min Scan# 2763
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:202 Resp: 1924187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.1 | 0.0 | 28.9 |
| 203 | 20.3 | 0.0 | 37.5 |

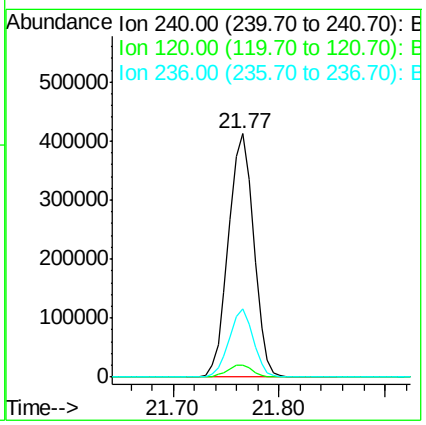


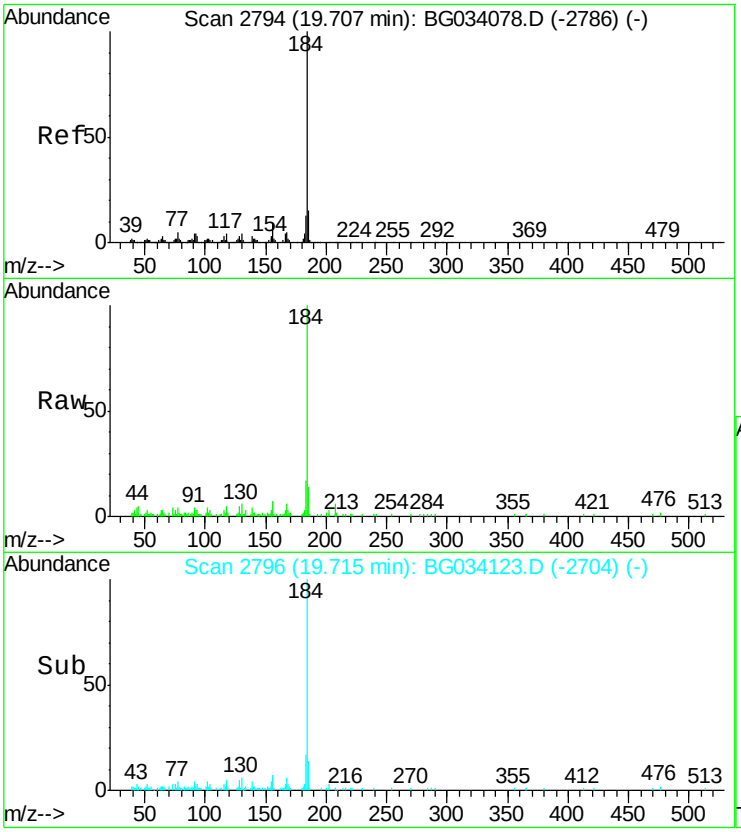




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:240 Resp: 681114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 4.9 | 6.8 | 10.2# |
| 236 | 28.0 | 20.9 | 31.3 |



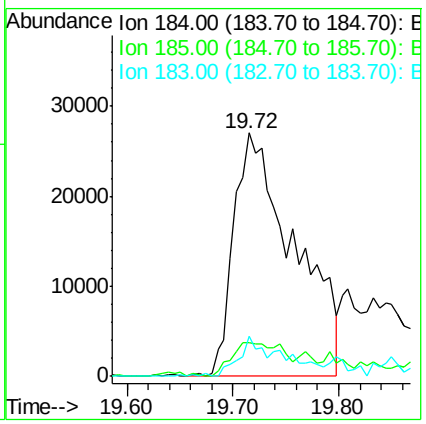


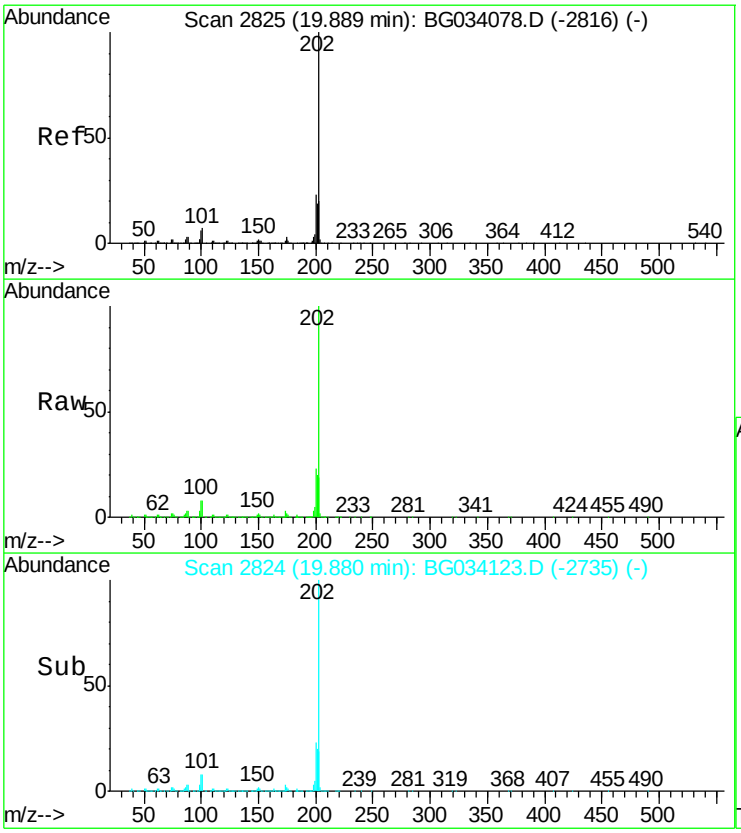

#76
Benzidine
Concen: 6.13 ng
RT: 19.72 min Scan# 2796
Delta R.T. 0.01 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:184 Resp: 107577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 13.8 | 11.1 | 16.7 |
| 183 | 16.5 | 10.6 | 16.0# |

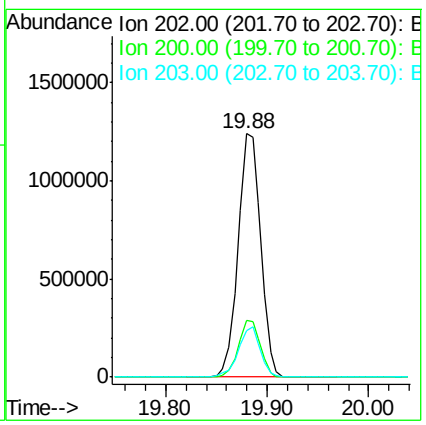


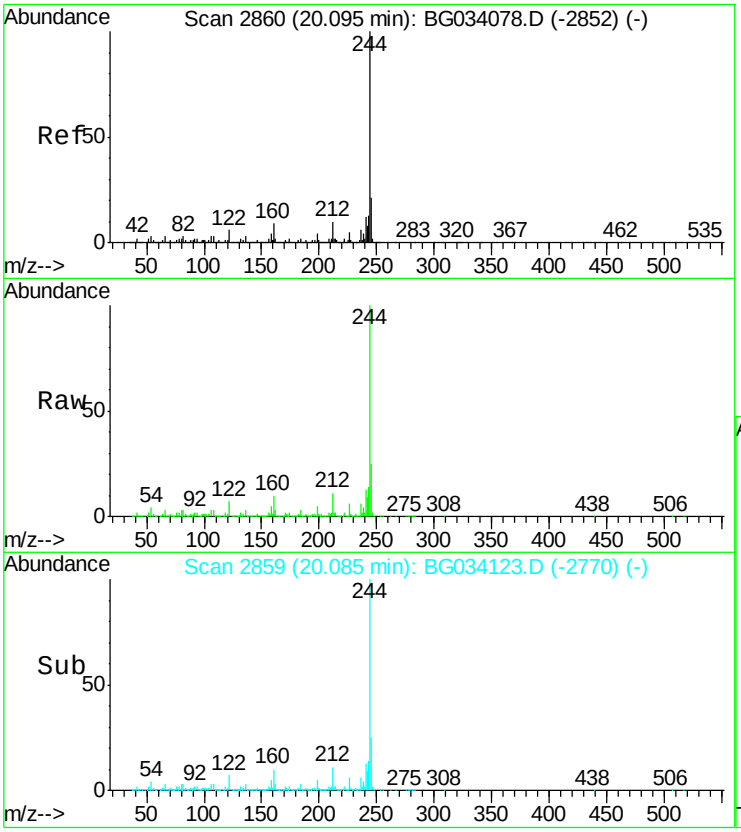




#77
Pyrene
Concen: 44.88 ng
RT: 19.88 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:202 Resp: 1915398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 23.2 | 16.9 | 25.3 |
| 203 | 19.3 | 13.9 | 20.9 |



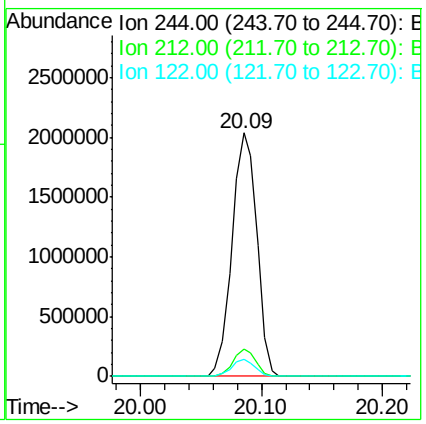


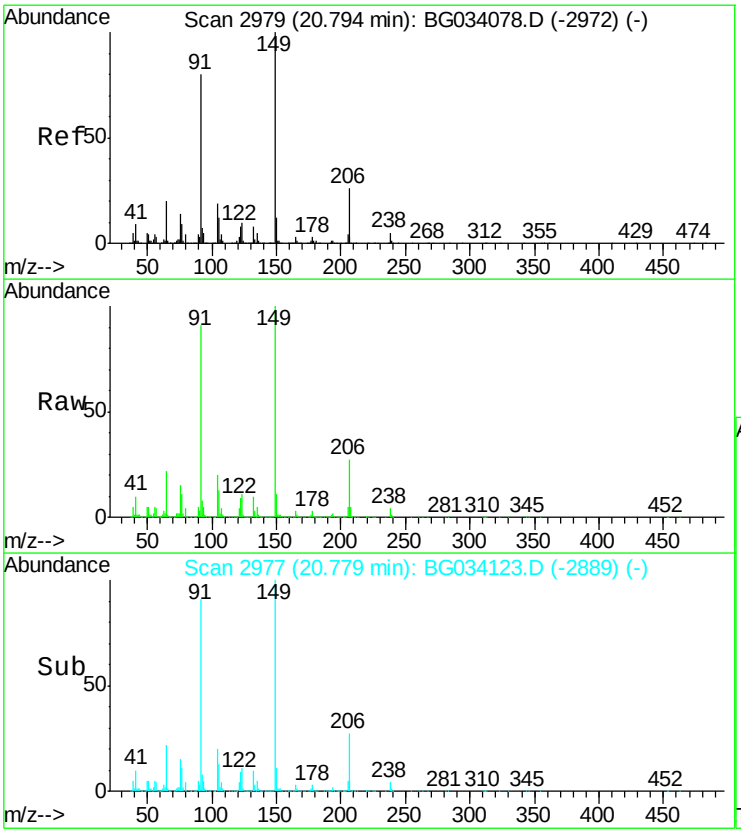

#78
Terphenyl-d14
Concen: 93.61 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:244 Resp: 2910503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 11.1 | 5.8 | 8.8# |
| 122 | 6.8 | 7.0 | 10.4# |

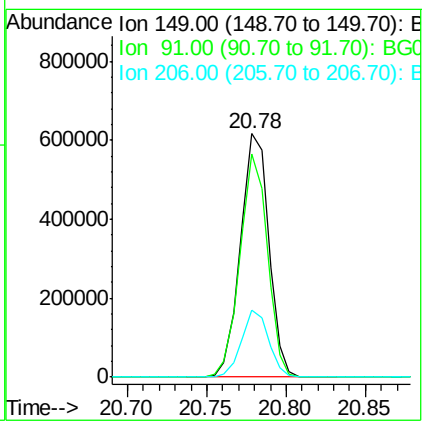


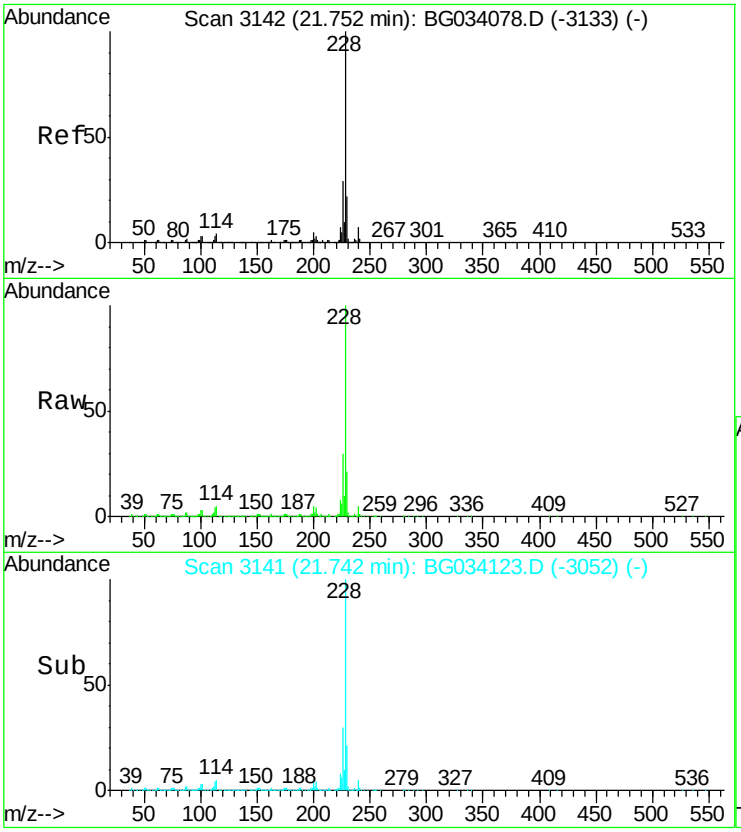




#79
Butylbenzylphthalate
Concen: 45.94 ng
RT: 20.78 min Scan# 2977
Delta R.T. -0.02 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:149 Resp: 765222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 91.5 | 62.2 | 93.2 |
| 206 | 27.5 | 18.6 | 27.8 |



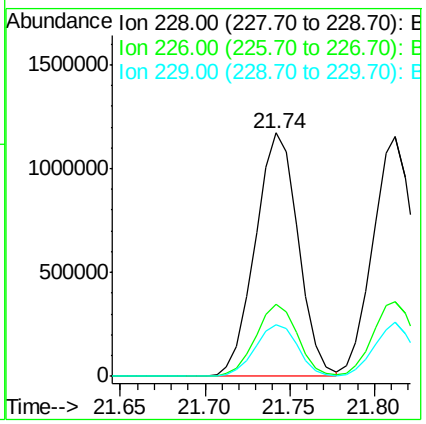


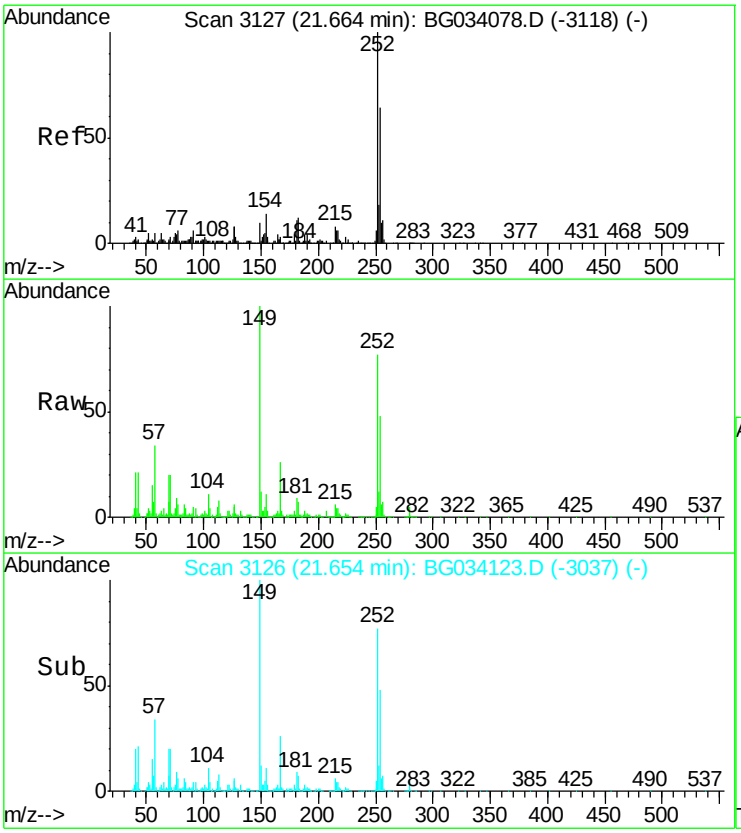

#80
Benzo(a)anthracene
Concen: 47.39 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:228 Resp: 2068744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.6 | 22.7 | 34.1 |
| 229 | 21.4 | 16.2 | 24.2 |

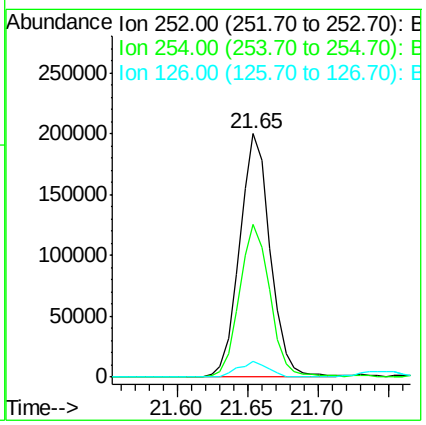


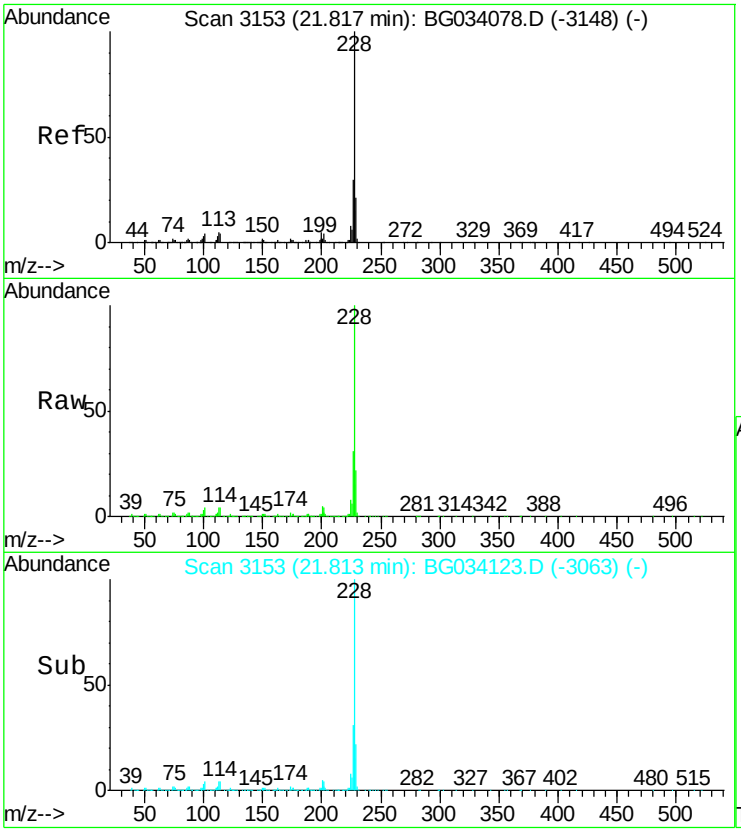




#81
3,3'-Dichlorobenzidine
Concen: 18.39 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:252 Resp: 303605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 62.5 | 50.8 | 76.2 |
| 126 | 6.7 | 7.4 | 11.2# |



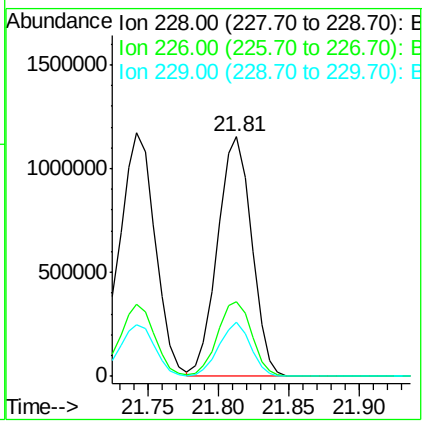


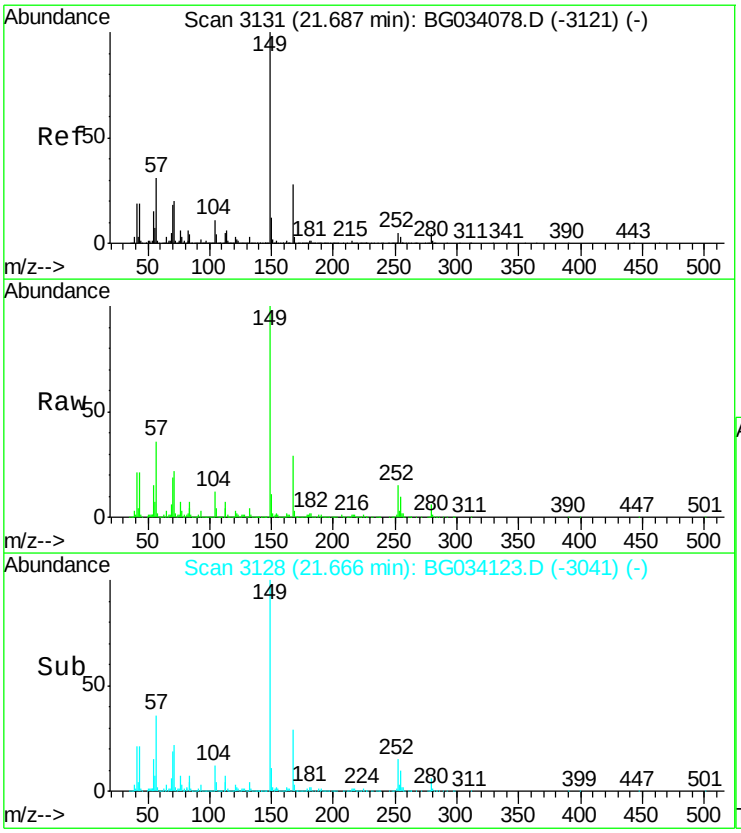

#82
Chrysene
Concen: 46.40 ng
RT: 21.81 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:228 Resp: 1938792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.4 | 24.9 | 37.3 |
| 229 | 22.4 | 15.0 | 22.4 |

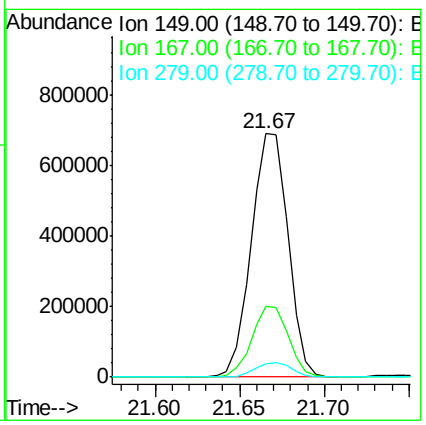


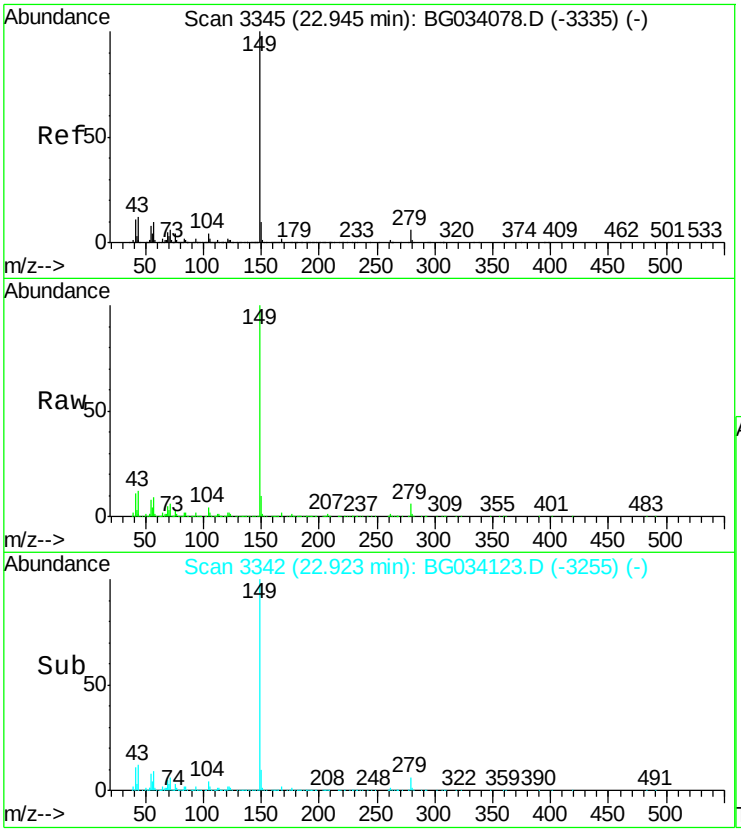




#83
Bis(2-ethylhexyl)phthalate
Concen: 45.48 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:149 Resp: 1042679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 29.2 | 24.3 | 36.5 |
| 279 | 5.6 | 4.0 | 6.0 |



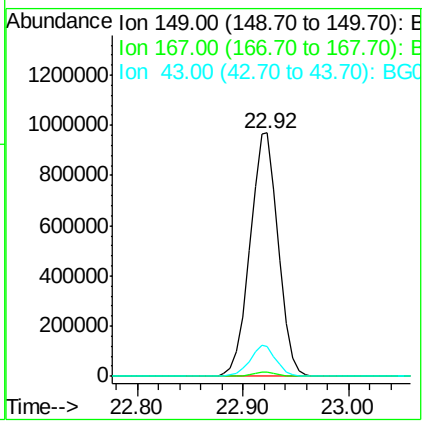


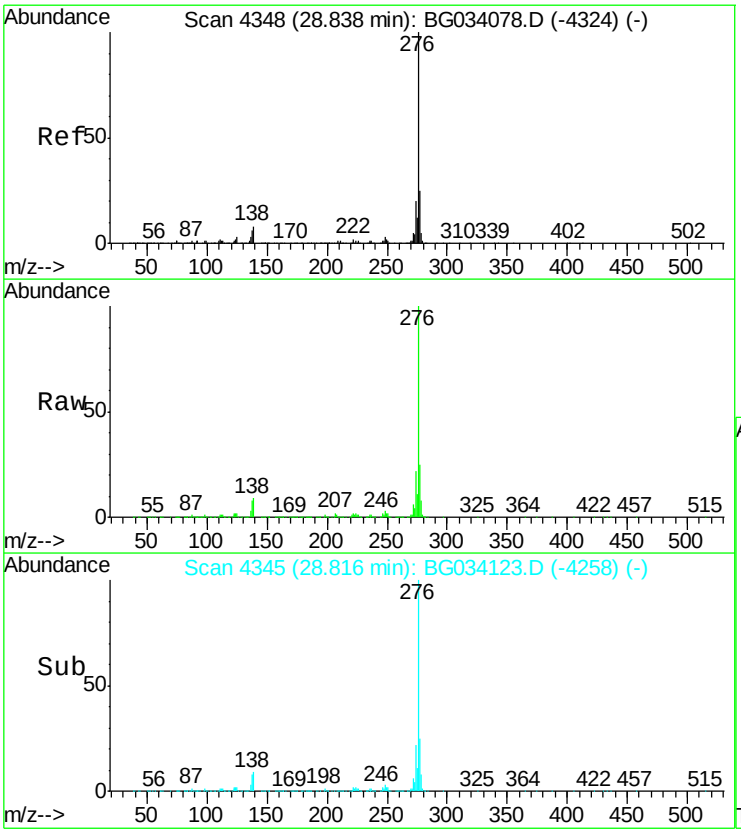

#84
Di-n-octyl phthalate
Concen: 49.03 ng
RT: 22.92 min Scan# 3342
Delta R.T. -0.02 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:149 Resp: 1795396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.8 | 1.4 | 2.0 |
| 43 | 11.7 | 8.9 | 13.3 |

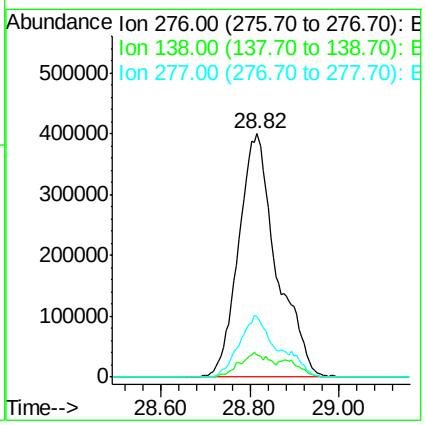


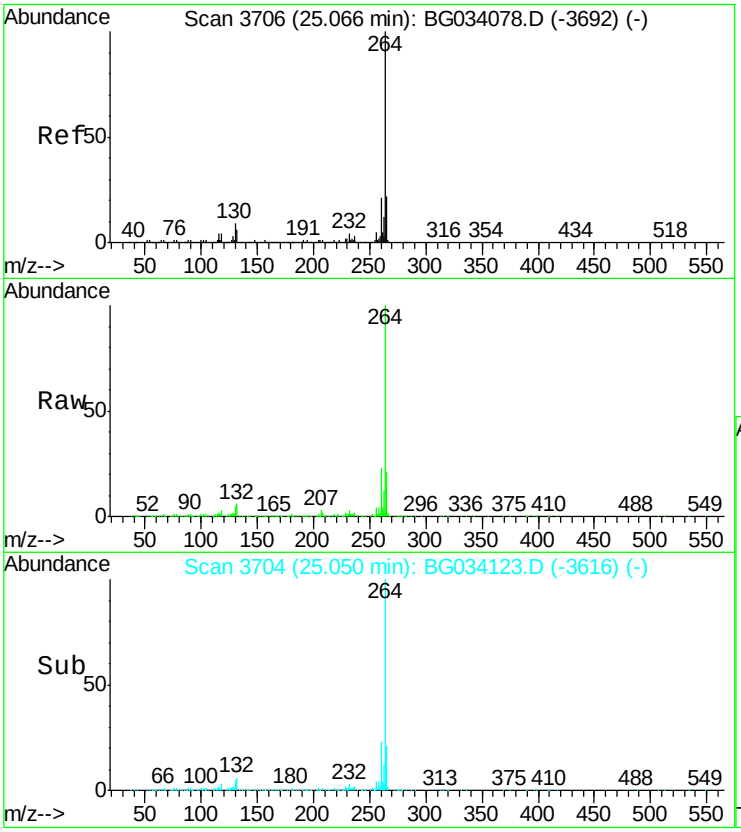




#85
Indeno(1,2,3-cd)pyrene
Concen: 51.09 ng
RT: 28.82 min Scan# 4345
Delta R.T. -0.02 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:276 Resp: 2348921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 7.9 | 16.0 | 24.0# |
| 277 | 25.9 | 20.0 | 30.0 |



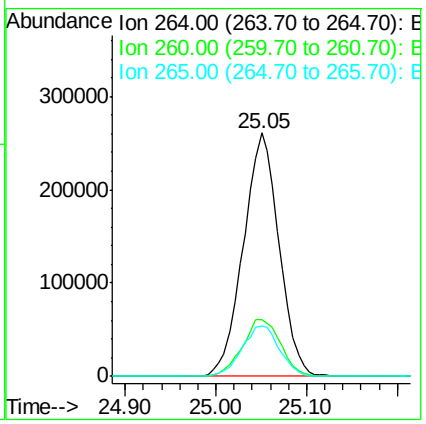


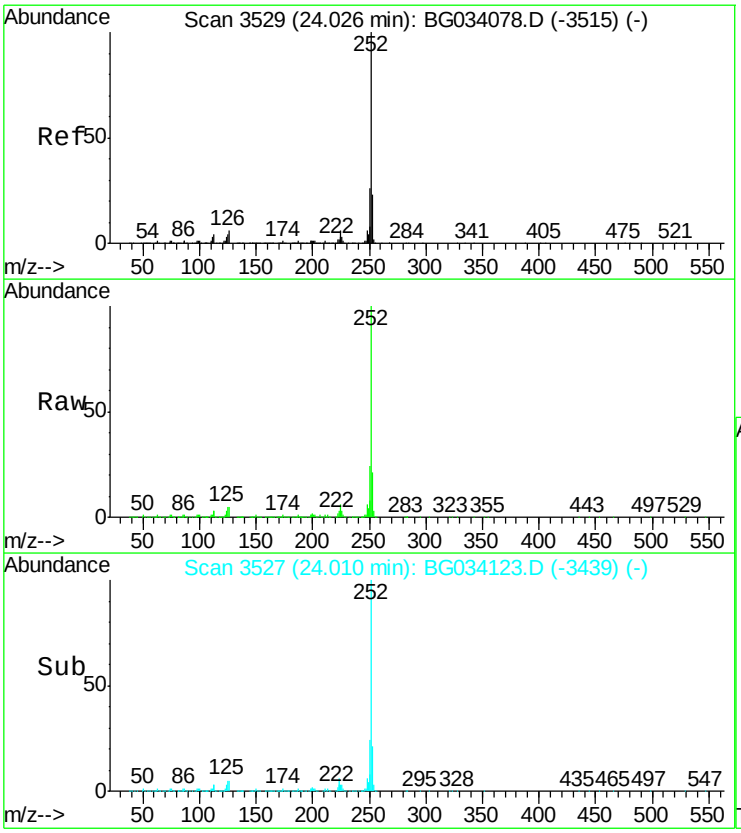

#86
Perylene-d12
Concen: 20.00 ng
RT: 25.05 min Scan# 3704
Delta R.T. -0.02 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:264 Resp: 712319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.4 | 17.4 | 26.0 |
| 265 | 20.9 | 17.7 | 26.5 |

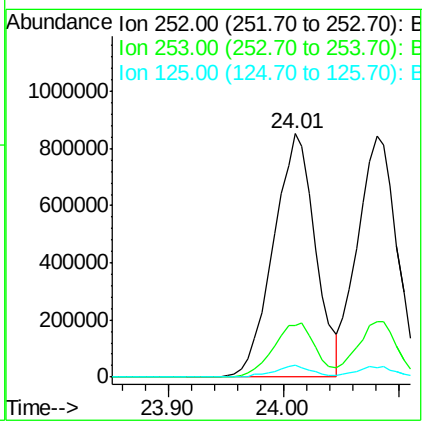


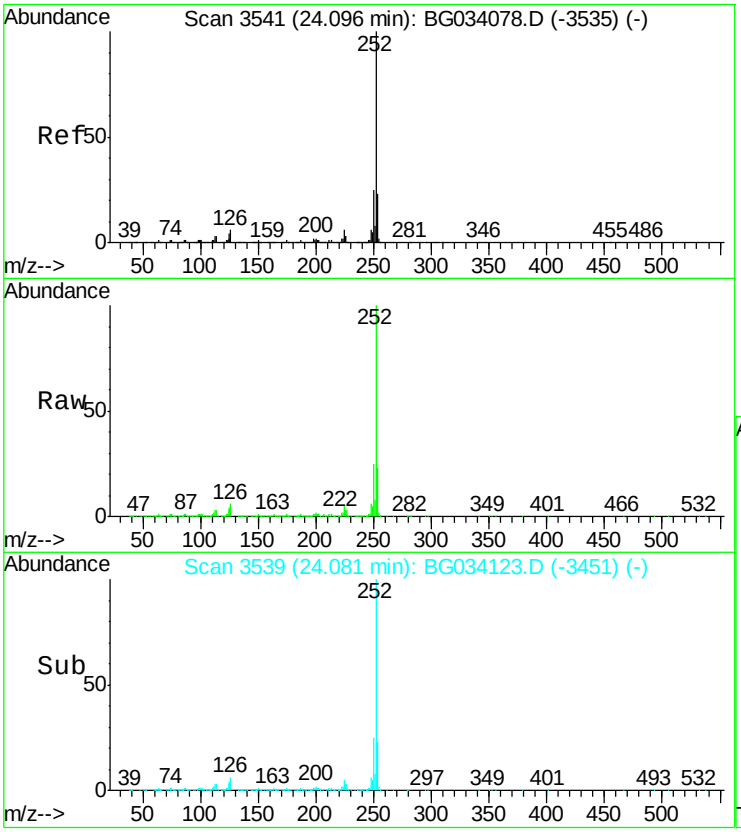




#87
Benzo(b)fluoranthene
Concen: 47.72 ng
RT: 24.01 min Scan# 3527
Delta R.T. -0.02 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:252 Resp: 2147121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.4 | 18.2 | 27.4 |
| 125 | 4.7 | 7.2 | 10.8# |



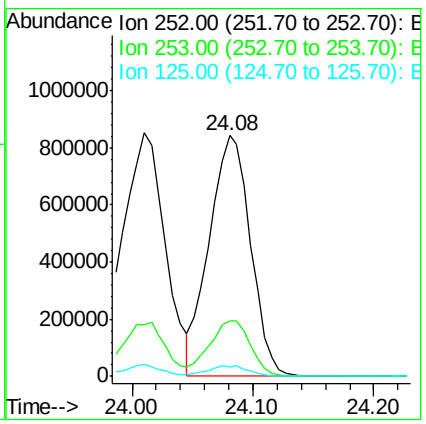


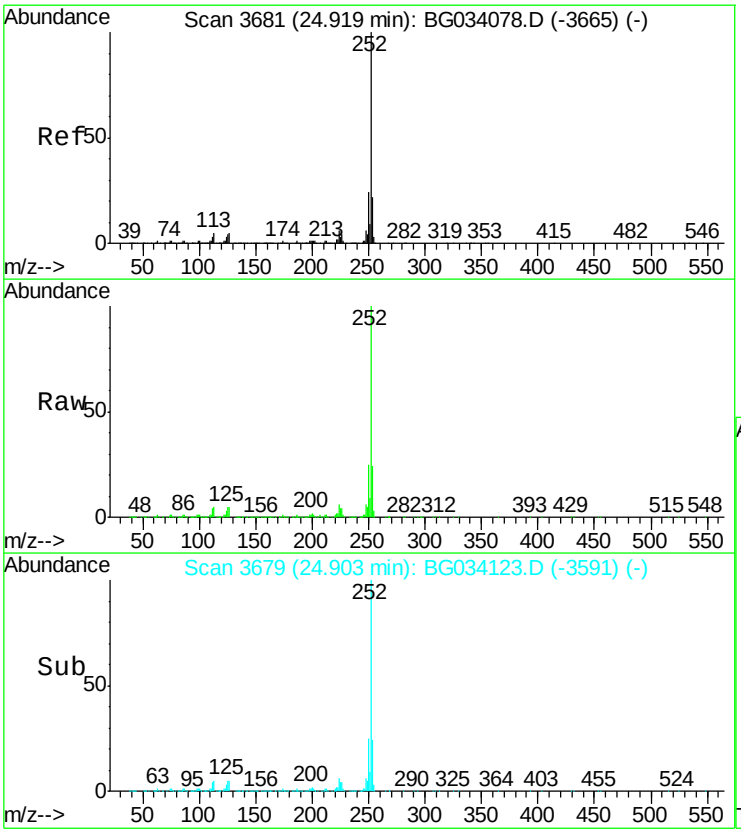

#88
Benzo(k)fluoranthene
Concen: 46.21 ng
RT: 24.08 min Scan# 3539
Delta R.T. -0.02 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:252 Resp: 1987339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.3 | 17.4 | 26.2 |
| 125 | 4.2 | 6.6 | 9.8# |

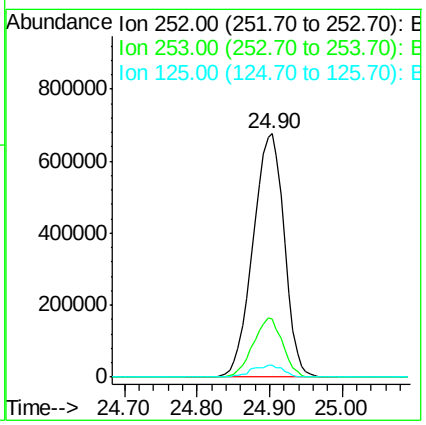


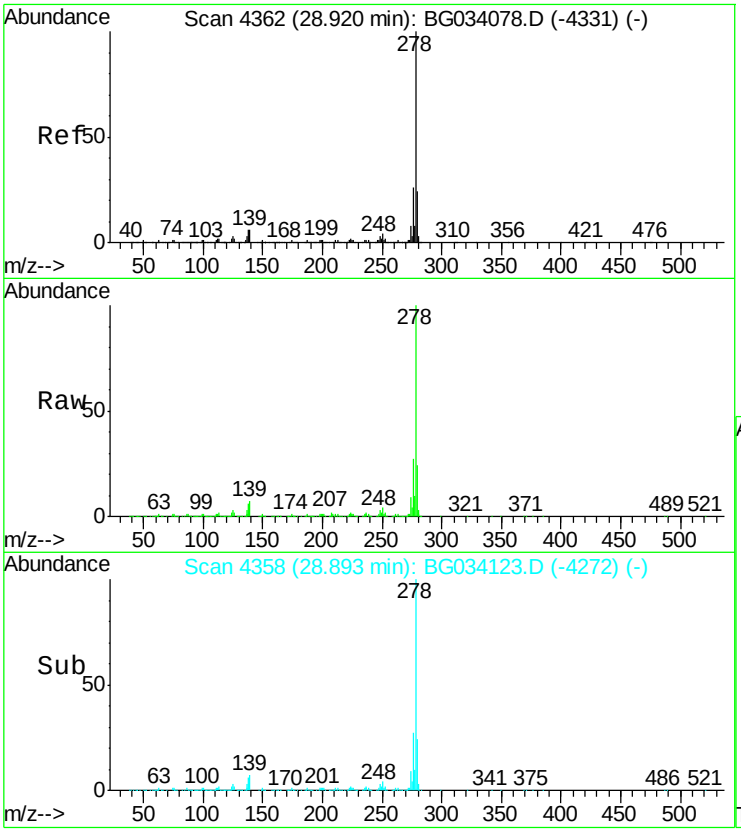




#89
Benzo(a)pyrene
Concen: 48.23 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.02 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:252 Resp: 2030227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.7 | 18.3 | 27.5 |
| 125 | 4.8 | 7.3 | 10.9# |



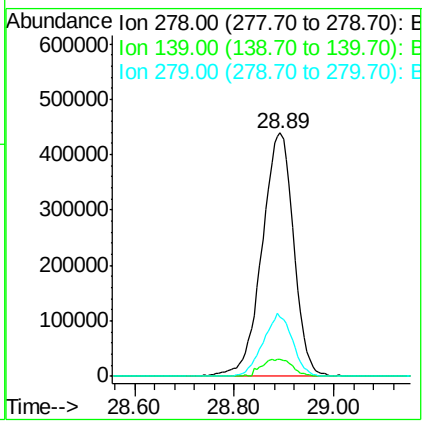


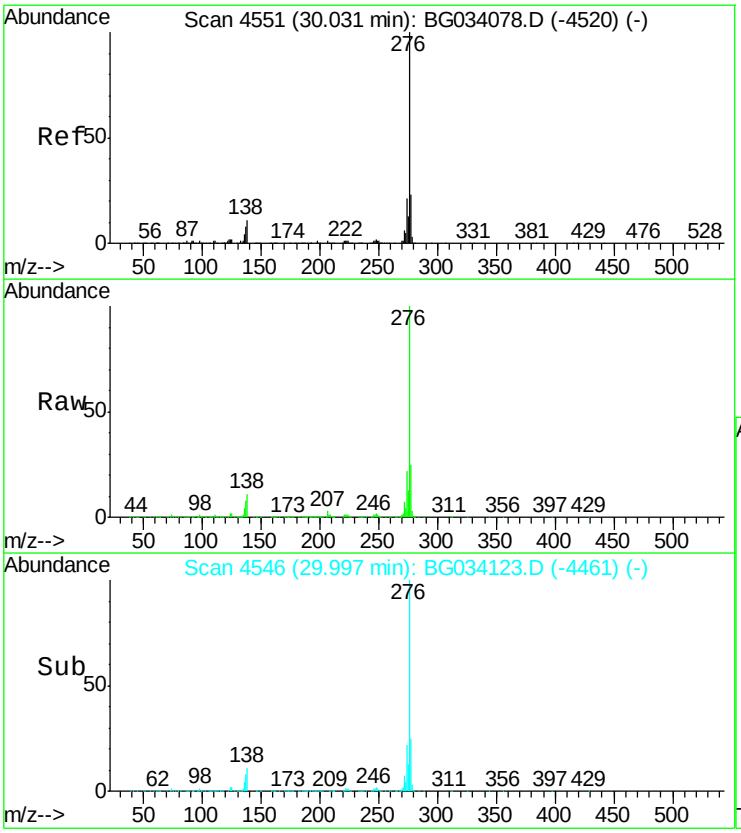

#90
Dibenzo(a,h)anthracene
Concen: 48.71 ng
RT: 28.89 min Scan# 4358
Delta R.T. -0.03 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tgt Ion:278 Resp: 1933091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 7.2 | 9.8 | 14.6# |
| 279 | 24.3 | 18.4 | 27.6 |




#91
Benzo(g,h,i)perylene
Concen: 49.66 ng
RT: 30.00 min Scan# 4546
Delta R.T. -0.03 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion:276 Resp: 1942490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.7 | 18.3 | 27.5 |
| 138 | 10.6 | 13.9 | 20.9# |