Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021720\
Data File : BG044456.D
Acq On : 17 Feb 2020 20:57
Operator : CG/JU
Sample : L1547-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Feb 18 06:06:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.89 | 152 | 72468 | 20.00 | ng | -0.02 |
| 21) Naphthalene-d8 | 10.69 | 136 | 293881 | 20.00 | ng | -0.01 |
| 39) Acenaphthene-d10 | 14.53 | 164 | 193151 | 20.00 | ng | -0.02 |
| 64) Phenanthrene-d10 | 17.27 | 188 | 425281 | 20.00 | ng | -0.02 |
| 76) Chrysene-d12 | 21.52 | 240 | 410636 | 20.00 | ng | -0.02 |
| 87) Perylene-d12 | 24.59 | 264 | 450576 | 20.00 | ng | -0.03 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.47 | 112 | 453324 | 110.40 | ng | 0.00 |
| 7) Phenol-d6 | 7.07 | 99 | 600195 | 108.85 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 9.05 | 82 | 349194 | 67.08 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 16.02 | 330 | 245161 | 108.12 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 13.15 | 172 | 829155 | 71.88 | ng | -0.01 |
| 79) Terphenyl-d14 | 19.89 | 244 | 1305863 | 65.41 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.35 | 88 | 79412 | 43.044 | ng | 99 |
| 3) Pyridine | 3.74 | 79 | 190885 | 38.836 | ng | 97 |
| 4) n-Nitrosodimethylamine | 3.66 | 42 | 96129 | 46.802 | ng | 100 |
| 6) Aniline | 7.21 | 93 | 177538 | 25.939 | ng | 100 |
| 8) 2-Chlorophenol | 7.46 | 128 | 237615 | 52.653 | ng | 98 |
| 9) Benzaldehyde | 7.03 | 77 | 96703 | 30.793 | ng | 96 |
| 10) Phenol | 7.10 | 94 | 285677 | 52.350 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 7.31 | 93 | 212547 | 45.558 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.78 | 146 | 248323 | 46.087 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 7.92 | 146 | 247465 | 46.371 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 8.24 | 146 | 235007 | 46.590 | ng | 99 |
| 15) Benzyl Alcohol | 8.13 | 79 | 190007 | 48.673 | ng | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.42 | 45 | 272677 | 43.183 | ng | 98 |
| 17) 2-Methylphenol | 8.34 | 107 | 199037 | 51.121 | ng | 96 |
| 18) Hexachloroethane | 8.98 | 117 | 89434 | 44.659 | ng | 97 |
| 19) n-Nitroso-di-n-propylamine | 8.69 | 70 | 166016 | 45.176 | ng | 97 |
| 20) 3+4-Methylphenols | 8.67 | 107 | 271186 | 50.540 | ng | 98 |
| 22) Acetophenone | 8.71 | 105 | 313585 | 43.863 | ng | 98 |
| 24) Nitrobenzene | 9.09 | 77 | 234655 | 46.175 | ng | 98 |
| 25) Isophorone | 9.62 | 82 | 460792 | 47.493 | ng | 99 |
| 26) 2-Nitrophenol | 9.80 | 139 | 135448 | 51.366 | ng | 99 |
| 27) 2,4-Dimethylphenol | 9.87 | 122 | 224896 | 60.419 | ng | 99 |
| 28) bis(2-Chloroethoxy)methane | 10.10 | 93 | 288661 | 44.599 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.35 | 162 | 233750 | 51.935 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.56 | 180 | 236604 | 45.846 | ng | 99 |
| 31) Naphthalene | 10.74 | 128 | 687568 | 48.223 | ng | 100 |
| 32) Benzoic acid | 10.05 | 122 | 83915 | 38.292 | ng | 98 |
| 33) 4-Chloroaniline | 10.85 | 127 | 90985 | 14.031 | ng | 98 |
| 34) Hexachlorobutadiene | 11.03 | 225 | 140365 | 44.201 | ng | 97 |
| 35) Caprolactam | 11.61 | 113 | 46505 | 28.206 | ng | 96 |
| 36) 4-Chloro-3-methylphenol | 11.98 | 107 | 242220 | 51.330 | ng | 100 |
| 37) 2-Methylnaphthalene | 12.35 | 142 | 510618 | 48.234 | ng | 98 |
| 38) 1-Methylnaphthalene | 12.57 | 142 | 486062 | 48.700 | ng | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.72 | 216 | 259064 | 44.838 | ng | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021720\
Data File : BG044456.D
Acq On : 17 Feb 2020 20:57
Operator : CG/JU
Sample : L1547-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Feb 18 06:06:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.71 | 237 | 277969 | 100.265 ng | 99 |
| 43) 2,4,6-Trichlorophenol | 12.97 | 196 | 186475 | 49.932 ng | 98 |
| 44) 2,4,5-Trichlorophenol | 13.04 | 196 | 202649 | 53.126 ng | 100 |
| 46) 1,1'-Biphenyl | 13.36 | 154 | 654951 | 47.010 ng | 98 |
| 47) 2-Chloronaphthalene | 13.41 | 162 | 507862 | 45.809 ng | 99 |
| 48) 2-Nitroaniline | 13.61 | 65 | 148187 | 45.291 ng | 97 |
| 49) Acenaphthylene | 14.25 | 152 | 808569 | 49.725 ng | 100 |
| 50) Dimethylphthalate | 13.99 | 163 | 690933 | 49.764 ng | 100 |
| 51) 2,6-Dinitrotoluene | 14.10 | 165 | 148414 | 47.942 ng | 99 |
| 52) Acenaphthene | 14.59 | 154 | 498761 | 47.321 ng | 98 |
| 53) 3-Nitroaniline | 14.43 | 138 | 68335 | 19.952 ng | 97 |
| 54) 2,4-Dinitrophenol | 14.64 | 184 | 177146 | 94.992 ng | 98 |
| 55) Dibenzofuran | 14.93 | 168 | 771814 | 48.366 ng | 99 |
| 56) 4-Nitrophenol | 14.76 | 139 | 268542 | 107.040 ng | 98 |
| 57) 2,4-Dinitrotoluene | 14.89 | 165 | 207245 | 47.764 ng | 98 |
| 58) Fluorene | 15.58 | 166 | 616365 | 49.039 ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.16 | 232 | 176499 | 51.226 ng | 98 |
| 60) Diethylphthalate | 15.35 | 149 | 650408 | 47.013 ng | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.57 | 204 | 325969 | 47.831 ng | 99 |
| 62) 4-Nitroaniline | 15.60 | 138 | 145869 | 42.623 ng | 96 |
| 63) Azobenzene | 15.87 | 77 | 578033 | 47.672 ng | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 15.66 | 198 | 133324 | 56.793 ng | 95 |
| 66) n-Nitrosodiphenylamine | 15.79 | 169 | 575523 | 48.289 ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.47 | 248 | 214859 | 46.372 ng | 98 |
| 68) Hexachlorobenzene | 16.59 | 284 | 239737 | 46.184 ng | 99 |
| 69) Atrazine | 16.74 | 200 | 220947 | 54.087 ng | 99 |
| 70) Pentachlorophenol | 16.93 | 266 | 257961 | 97.554 ng | 98 |
| 71) Phenanthrene | 17.32 | 178 | 1043969 | 50.694 ng | 99 |
| 72) Anthracene | 17.41 | 178 | 1028439 | 50.513 ng | 99 |
| 73) Carbazole | 17.68 | 167 | 923326 | 49.193 ng | 99 |
| 74) Di-n-butylphthalate | 18.24 | 149 | 1125151 | 48.509 ng | 99 |
| 75) Fluoranthene | 19.33 | 202 | 1258116 | 52.811 ng | 99 |
| 77) Benzidine | 19.50 | 184 | 499651 | 43.867 ng | 98 |
| 78) Pyrene | 19.69 | 202 | 1252229 | 47.485 ng | 99 |
| 80) Butylbenzylphthalate | 20.58 | 149 | 523467 | 43.558 ng | 99 |
| 81) Benzo(a)anthracene | 21.50 | 228 | 1197799 | 47.329 ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.41 | 252 | 211713 | 21.554 ng | 99 |
| 83) Chrysene | 21.57 | 228 | 1121402 | 45.842 ng | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.42 | 149 | 747256 | 45.175 ng | 99 |
| 85) Di-n-octyl phthalate | 22.58 | 149 | 1306037 | 45.633 ng | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 28.08 | 276 | 1461509 | 45.794 ng | 99 |
| 88) Benzo(b)fluoranthene | 23.62 | 252 | 1292616 | 49.785 ng | 99 |
| 89) Benzo(k)fluoranthene | 23.69 | 252 | 1196015 | 47.264 ng | 99 |
| 90) Benzo(a)pyrene | 24.45 | 252 | 1178097 | 47.991 ng | 99 |
| 91) Dibenzo(a,h)anthracene | 28.14 | 278 | 1177535 | 48.469 ng | 98 |
| 92) Benzo(g,h,i)perylene | 29.17 | 276 | 1238793 | 50.936 ng | 99 |

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

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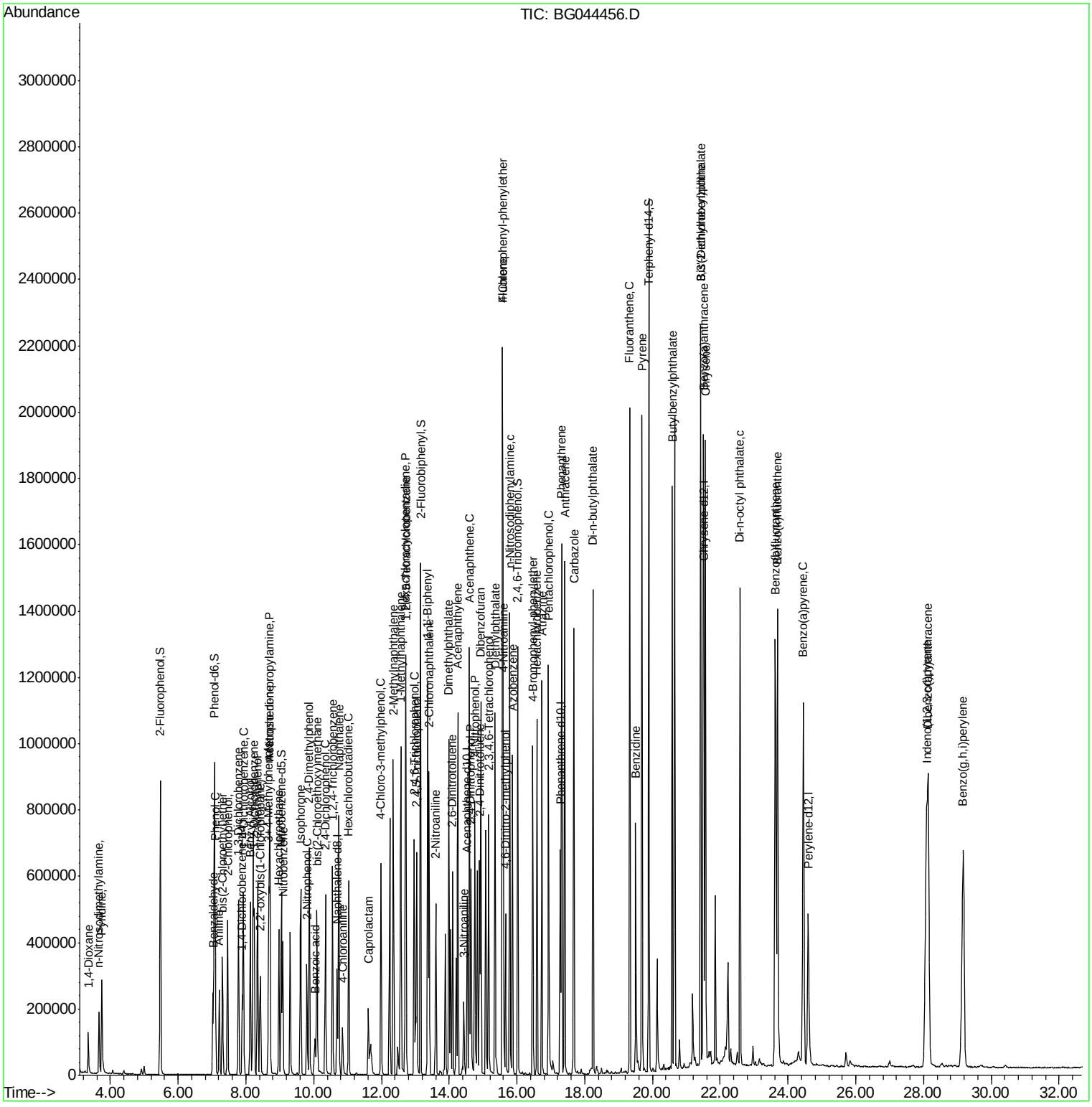
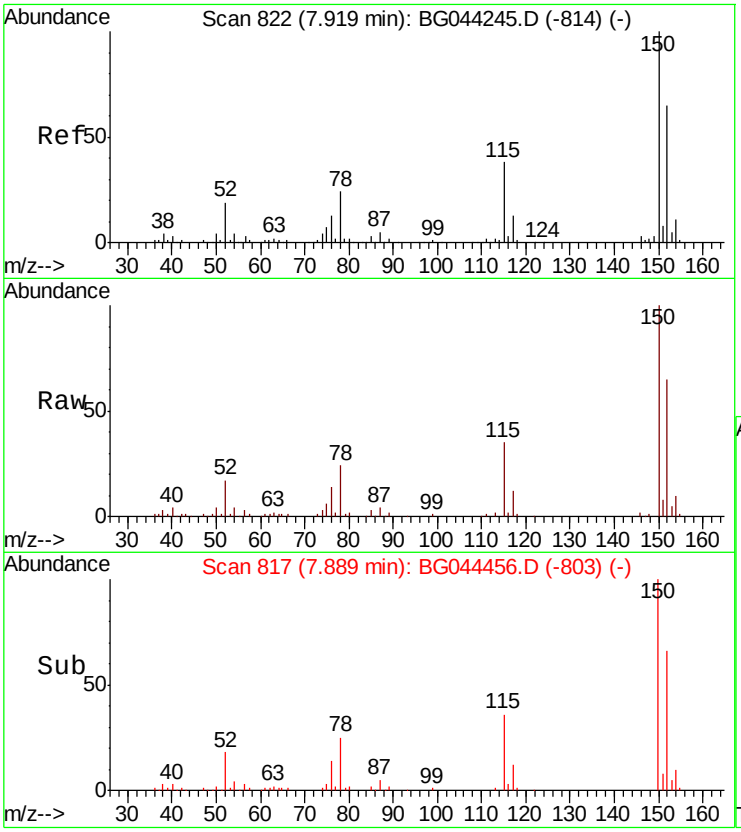
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021720\
Data File : BG044456.D
Acq On : 17 Feb 2020 20:57
Operator : CG/JU
Sample : L1547-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Feb 18 06:06:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration



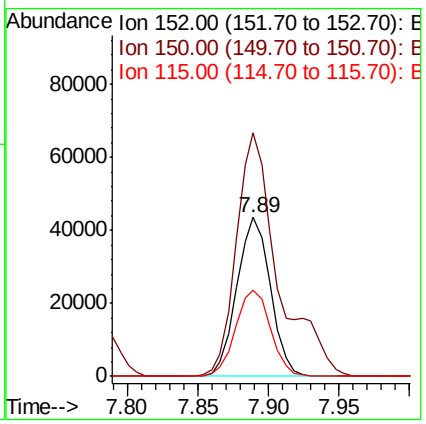


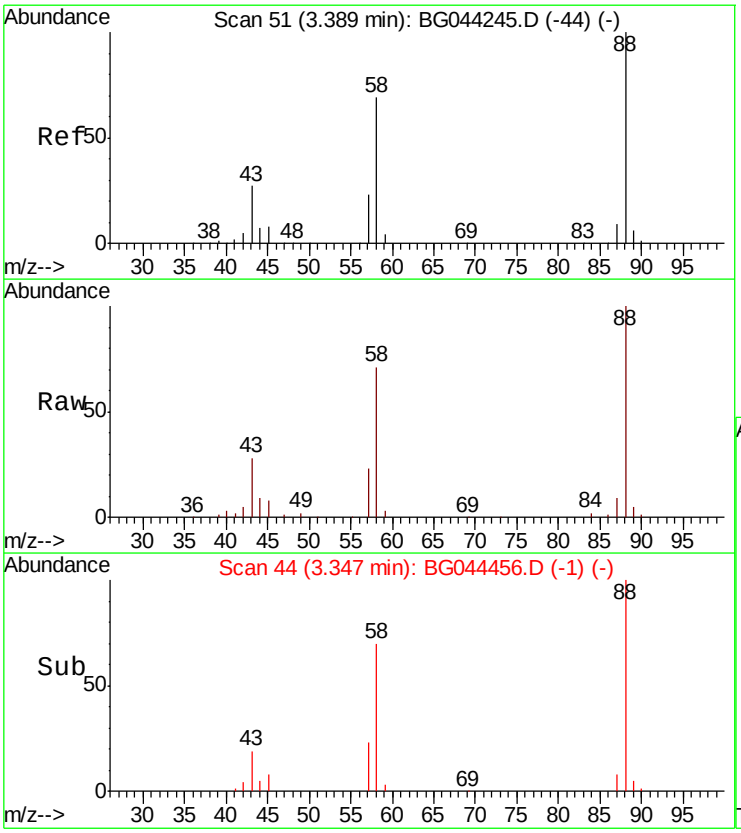

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:152 Resp: 72468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.1 | 122.6 | 183.8 |
| 115 | 53.9 | 46.0 | 69.0 |

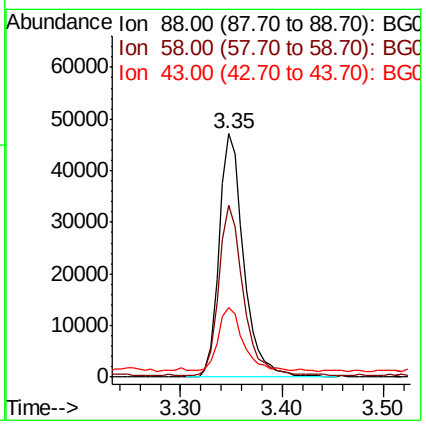


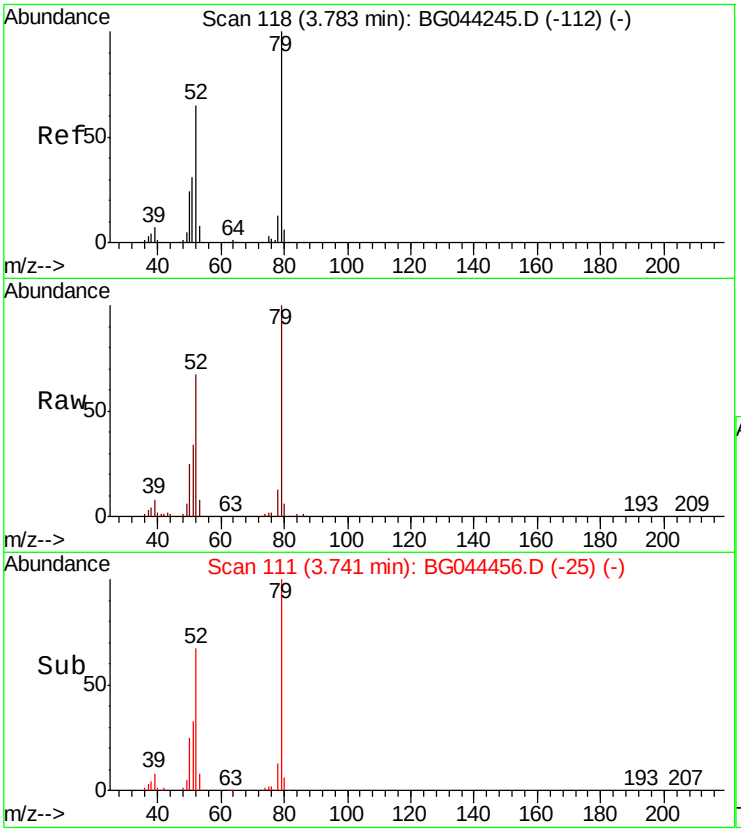




#2
1,4-Dioxane
Concen: 43.044 ng
RT: 3.35 min Scan# 44
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion: 88 Resp: 79412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 70.4 | 55.8 | 83.6 |
| 43 | 27.4 | 21.6 | 32.4 |



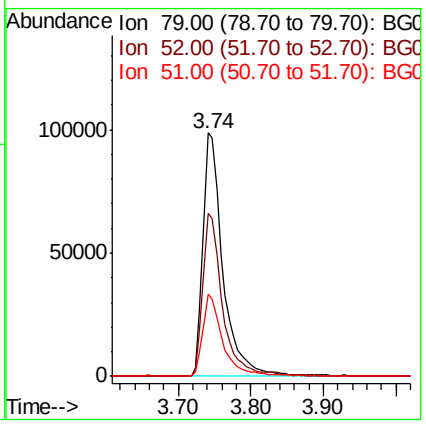


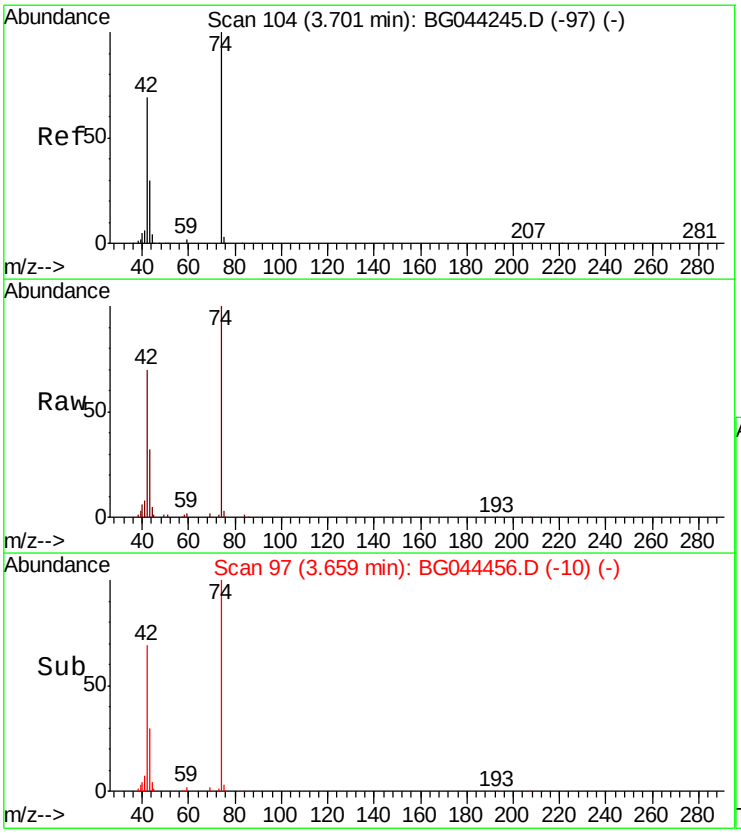

#3
Pyridine
Concen: 38.836 ng
RT: 3.74 min Scan# 111
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion: 79 Resp: 190885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 66.9 | 51.9 | 77.9 |
| 51 | 33.8 | 25.3 | 37.9 |

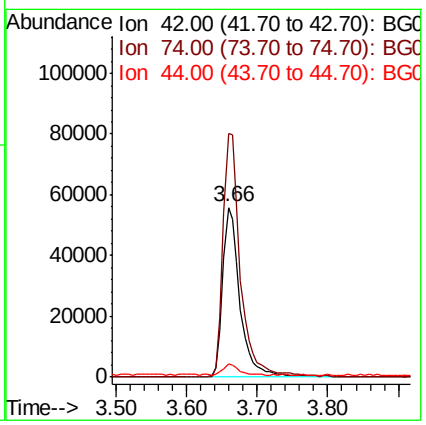


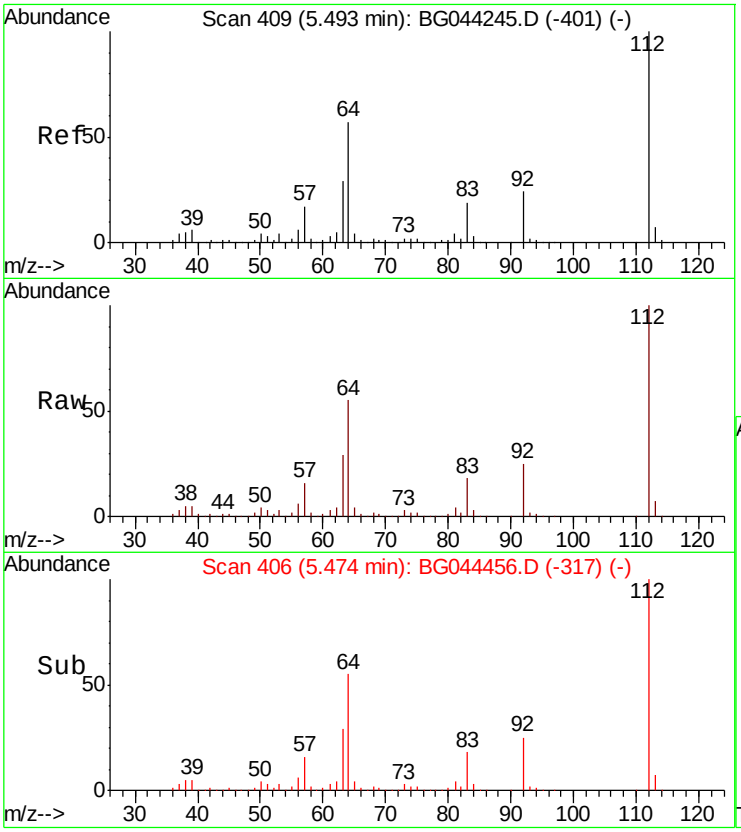




#4
n-Nitrosodimethylamine
Concen: 46.802 ng
RT: 3.66 min Scan# 97
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion: 42 Resp: 96129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 143.5 | 115.1 | 172.7 |
| 44 | 7.7 | 5.6 | 8.4 |



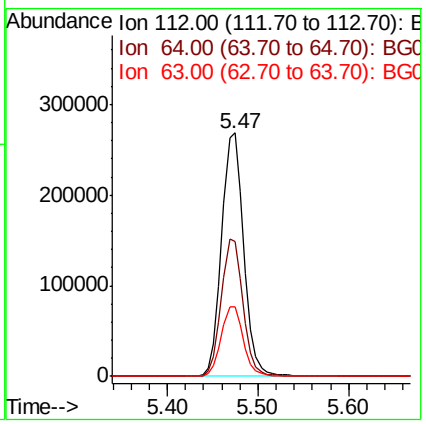


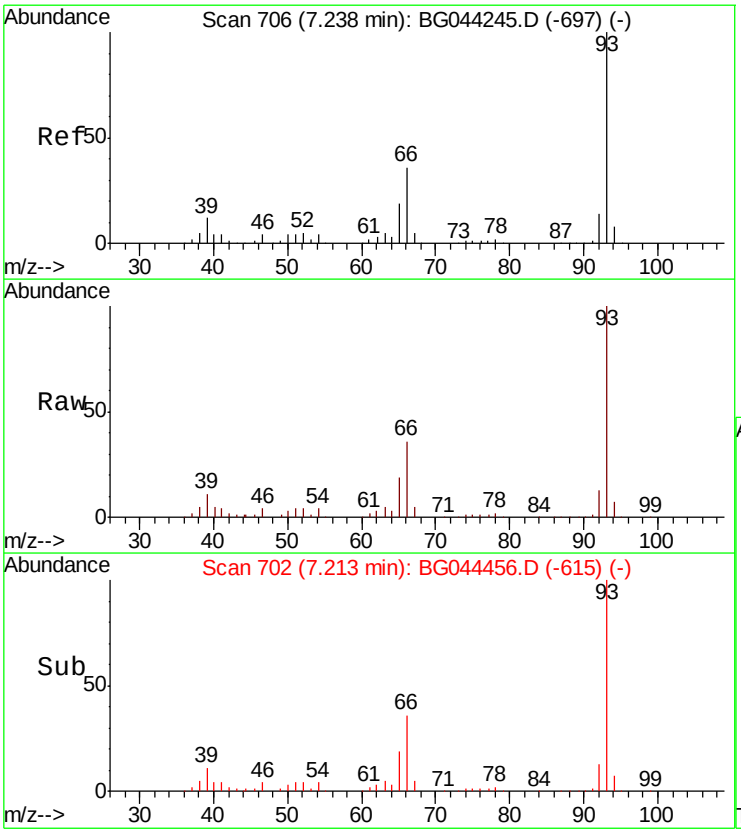

#5
2-Fluorophenol
Concen: 110.400 ng
RT: 5.47 min Scan# 406
Delta R.T. -0.00 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:112 Resp: 453324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.1 | 45.4 | 68.2 |
| 63 | 28.5 | 22.9 | 34.3 |

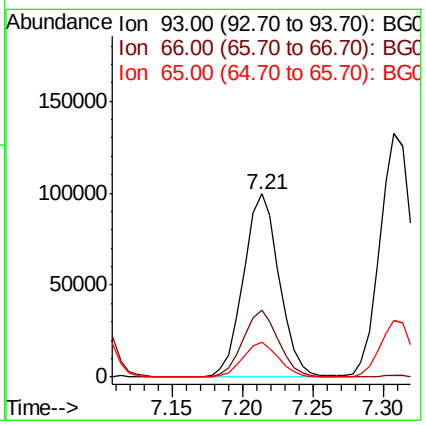


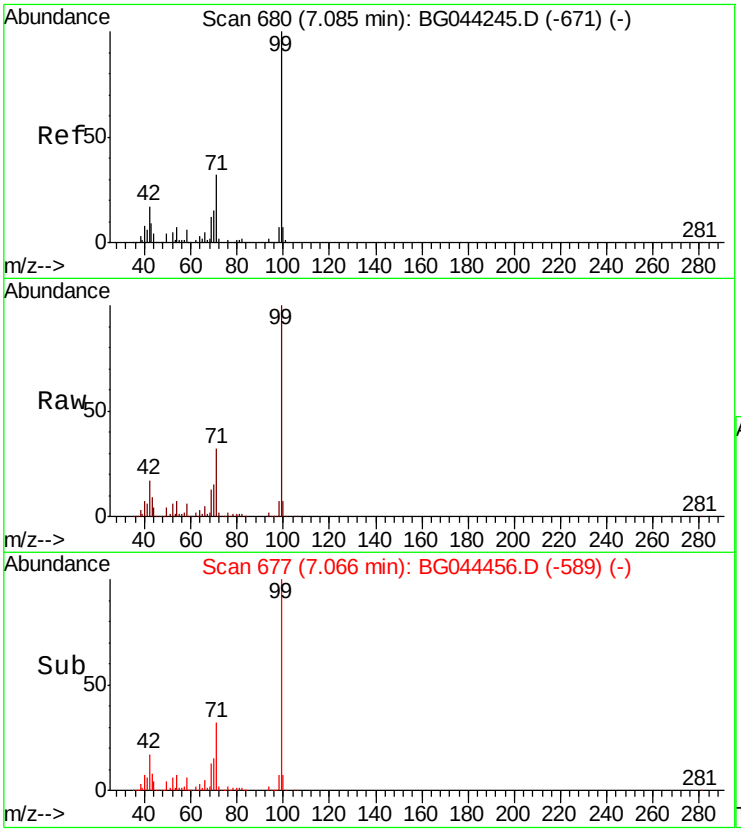




#6
Aniline
Concen: 25.939 ng
RT: 7.21 min Scan# 702
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion: 93 Resp: 177538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 36.2 | 28.7 | 43.1 |
| 65 | 19.3 | 15.4 | 23.0 |



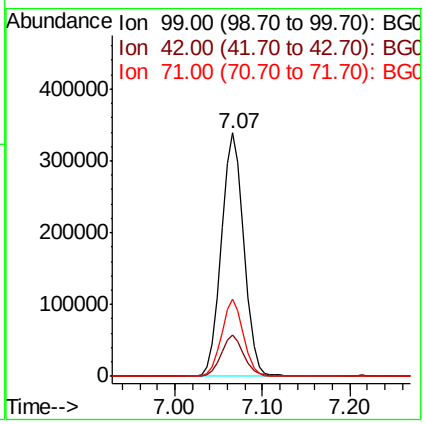


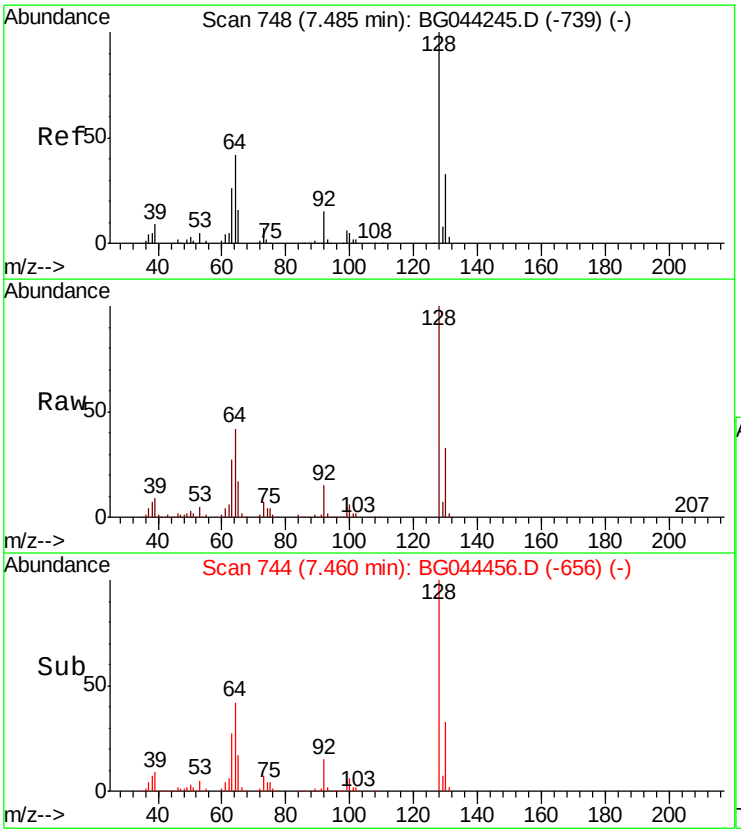

#7
Phenol-d6
Concen: 108.849 ng
RT: 7.07 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion: 99 Resp: 600195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.9 | 13.8 | 20.6 |
| 71 | 31.6 | 25.5 | 38.3 |

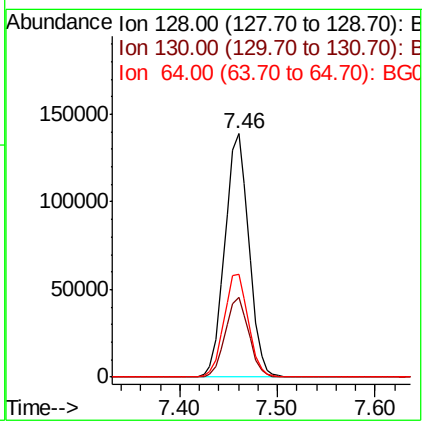


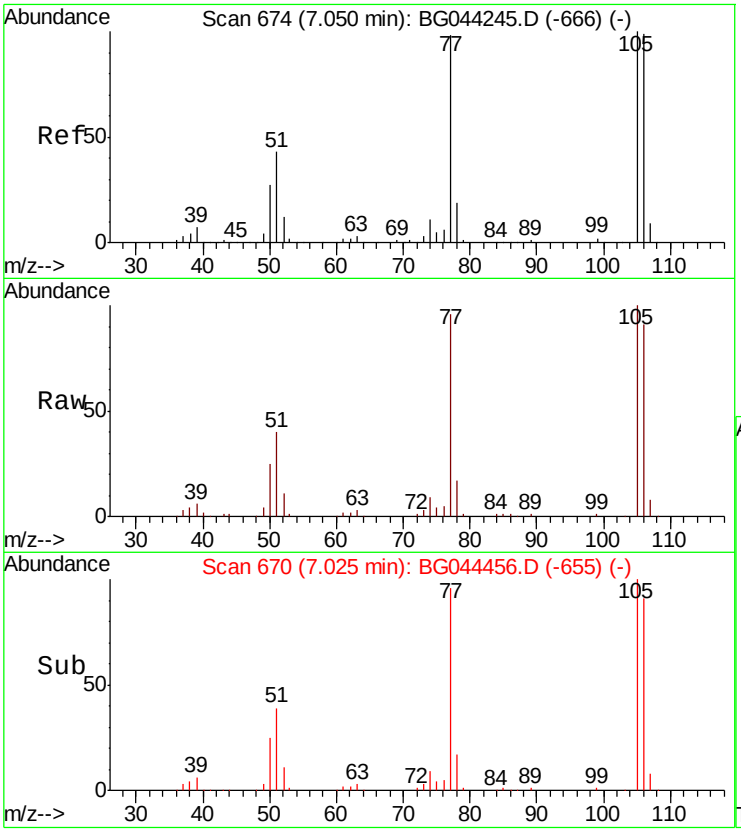




#8
2-Chlorophenol
Concen: 52.653 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:128 Resp: 237615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.5 | 12.5 | 52.5 |
| 64 | 42.4 | 24.2 | 64.2 |



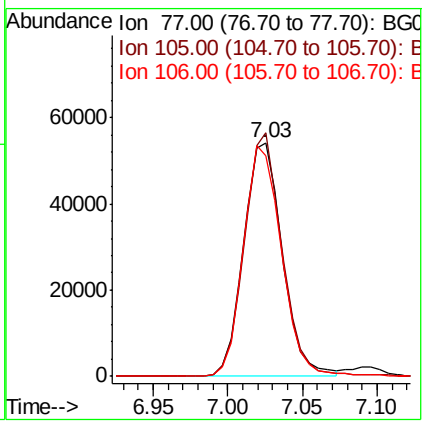


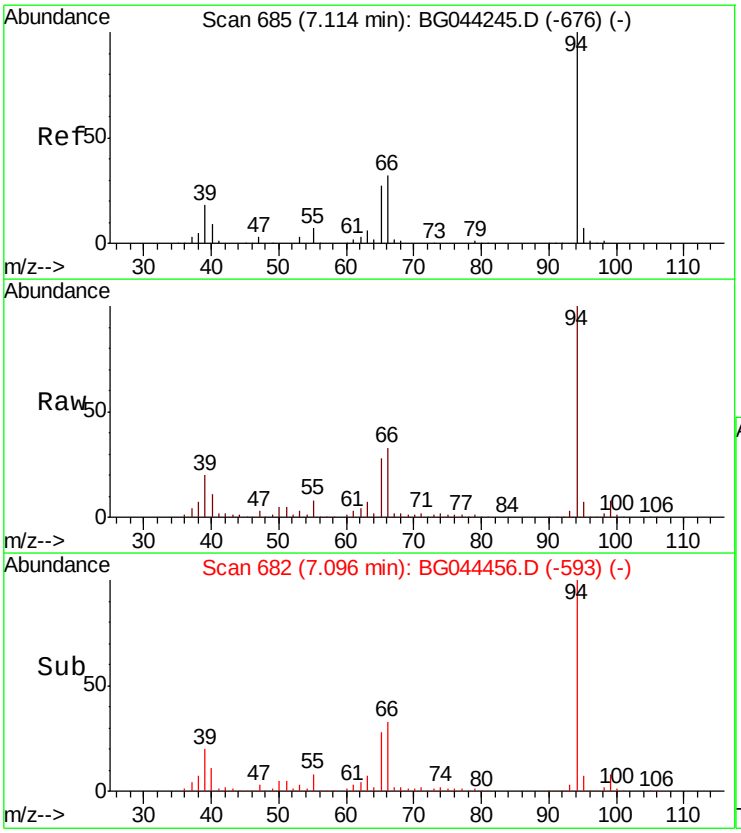

#9
Benzaldehyde
Concen: 30.793 ng
RT: 7.03 min Scan# 670
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion: 77 Resp: 96703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 104.3 | 82.0 | 122.0 |
| 106 | 94.4 | 80.7 | 120.7 |

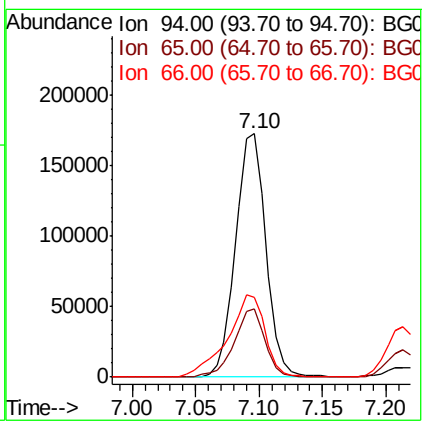


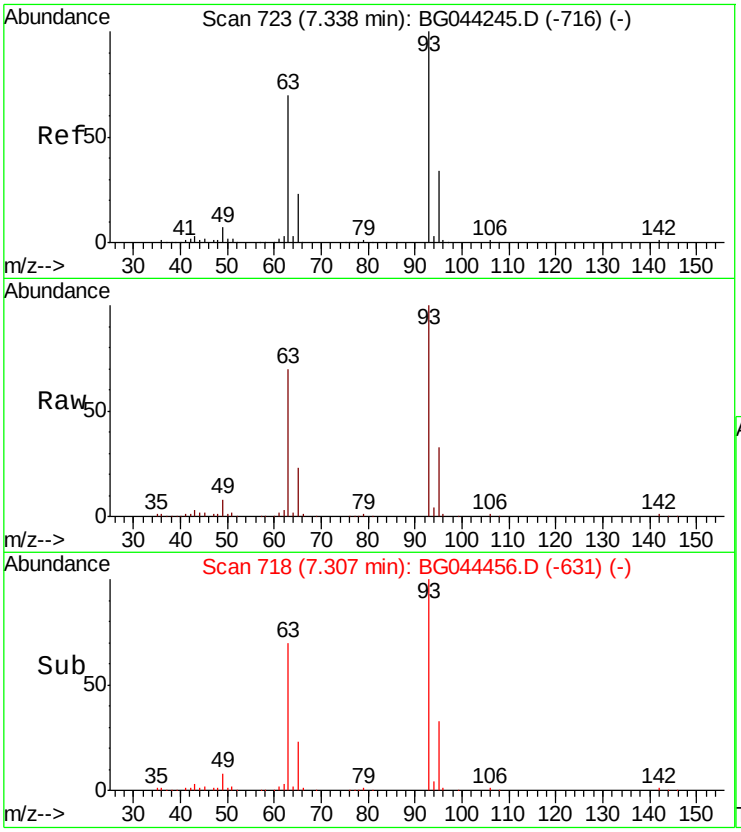




#10
Phenol
Concen: 52.350 ng
RT: 7.10 min Scan# 682
Delta R.T. -0.00 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion: 94 Resp: 285677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 28.0 | 7.0 | 47.0 |
| 66 | 32.7 | 12.7 | 52.7 |



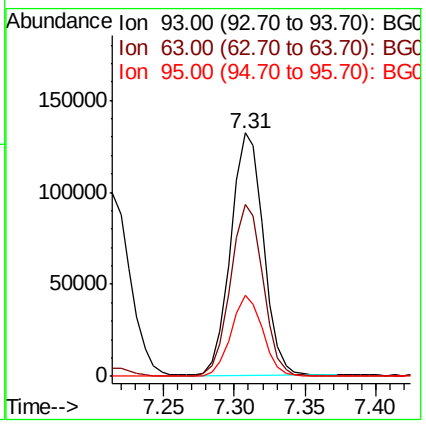


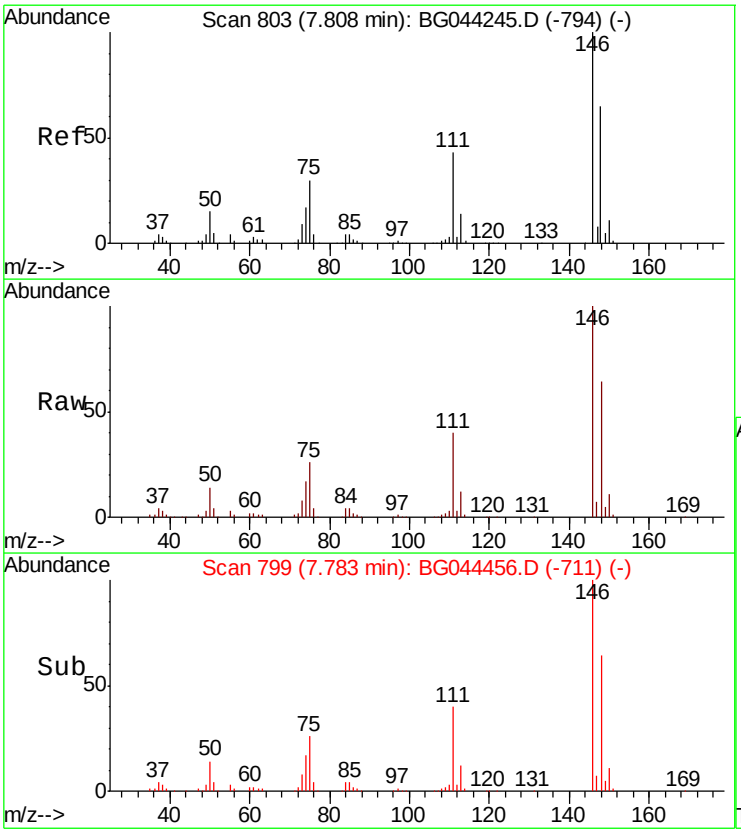

#11
bis(2-Chloroethyl)ether
Concen: 45.558 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion: 93 Resp: 212547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 70.4 | 49.2 | 89.2 |
| 95 | 33.4 | 13.6 | 53.6 |

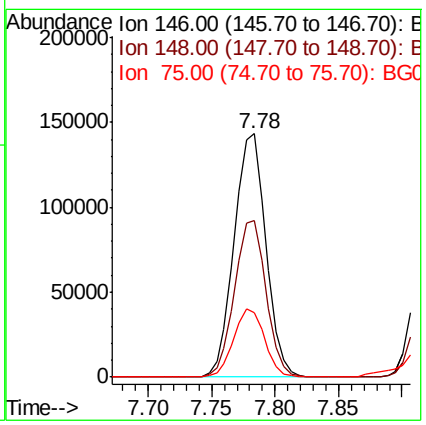


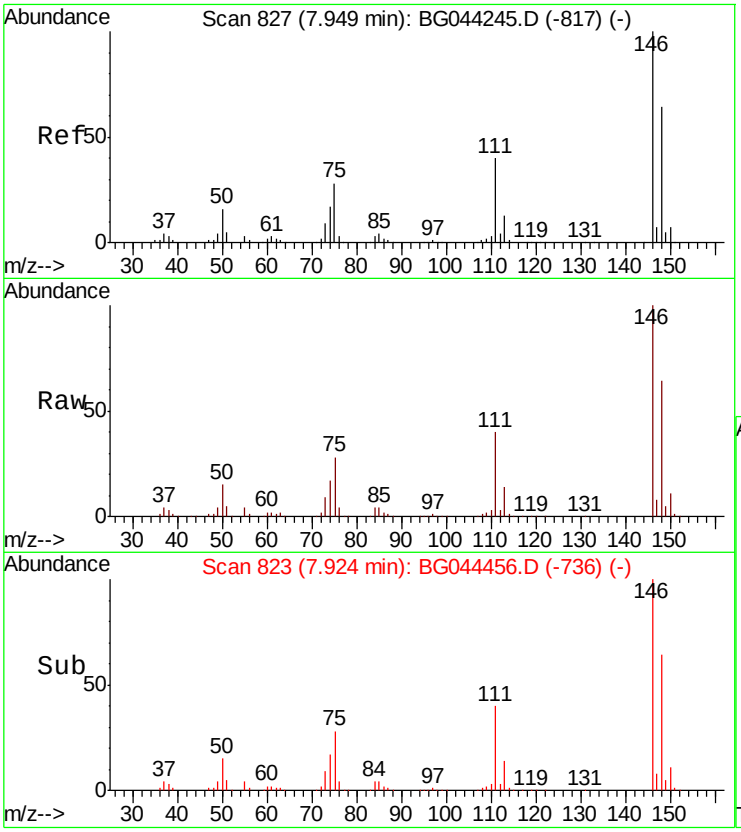




#12
1,3-Dichlorobenzene
Concen: 46.087 ng
RT: 7.78 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:146 Resp: 248323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.2 | 51.8 | 77.8 |
| 75 | 26.3 | 23.7 | 35.5 |



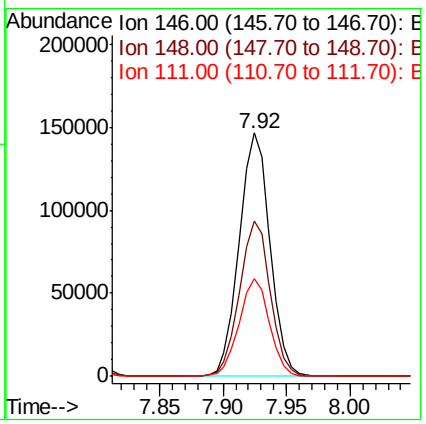


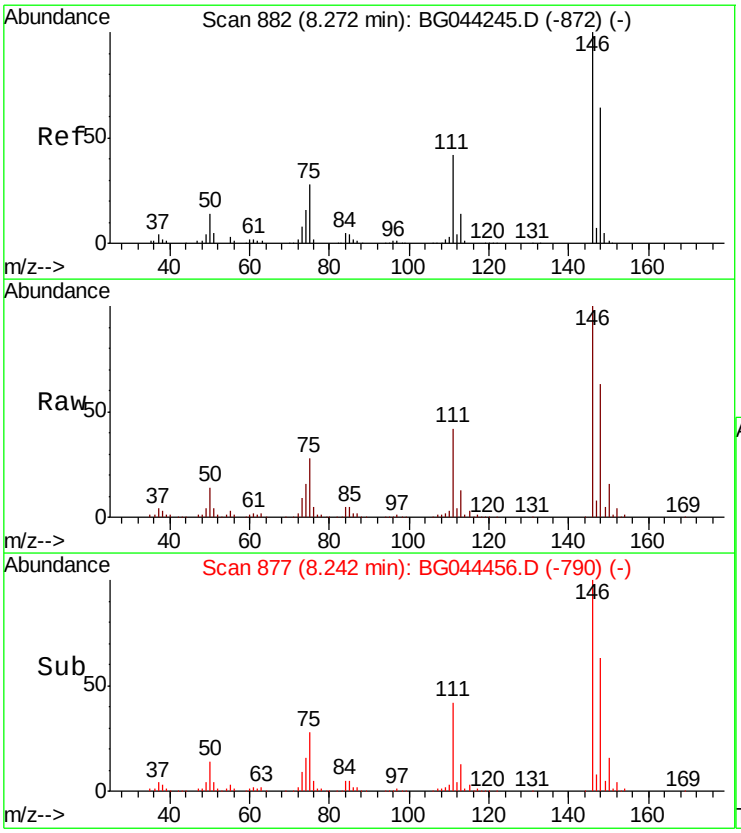

#13
1,4-Dichlorobenzene
Concen: 46.371 ng
RT: 7.92 min Scan# 823
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:146 Resp: 247465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.8 | 51.4 | 77.0 |
| 111 | 40.1 | 31.8 | 47.8 |

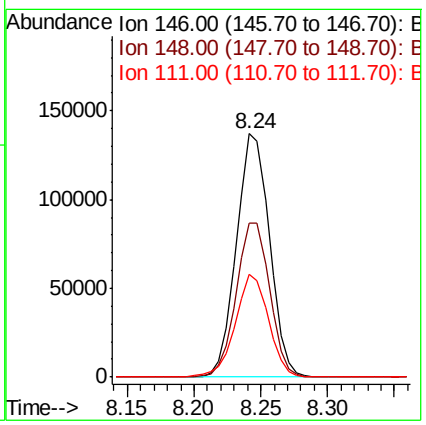


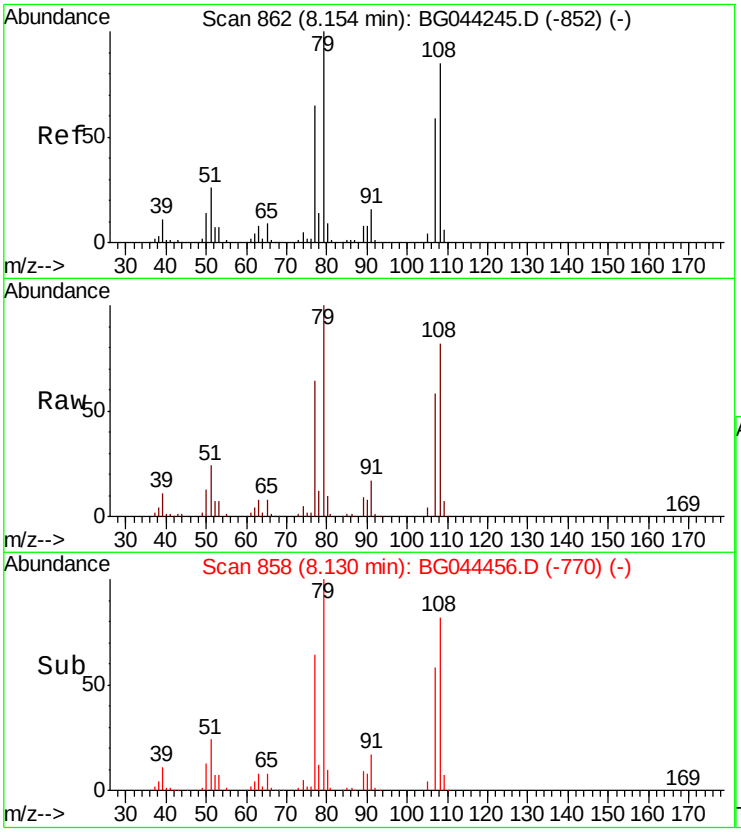




#14
1,2-Dichlorobenzene
Concen: 46.590 ng
RT: 8.24 min Scan# 877
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:146 Resp: 235007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.3 | 51.2 | 76.8 |
| 111 | 42.0 | 34.0 | 51.0 |



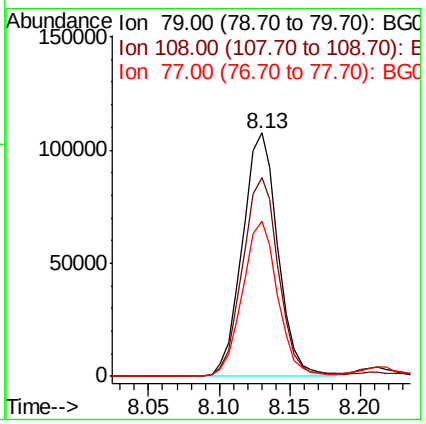


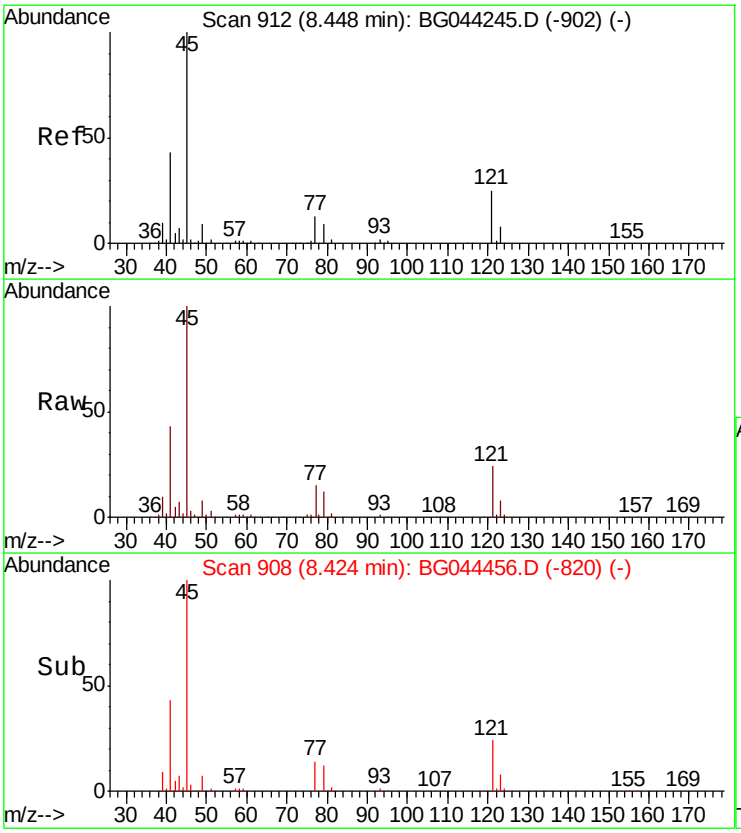

#15
Benzyl Alcohol
Concen: 48.673 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion: 79 Resp: 190007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 81.9 | 68.3 | 102.5 |
| 77 | 63.7 | 51.8 | 77.8 |

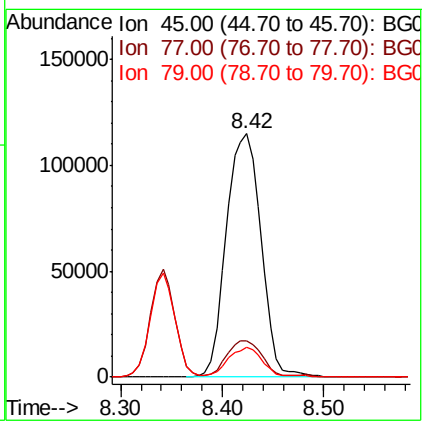


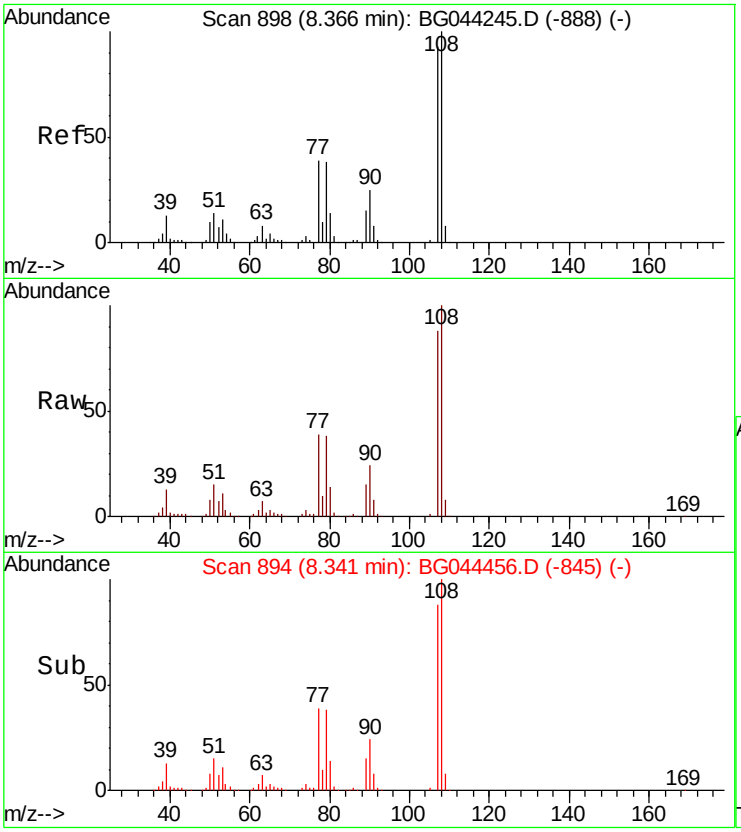




#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.183 ng
RT: 8.42 min Scan# 908
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion: 45 Resp: 272677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 14.7 | 0.0 | 35.2 |
| 79 | 12.2 | 0.0 | 31.1 |



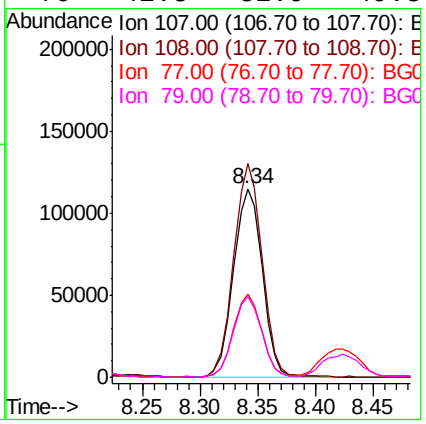


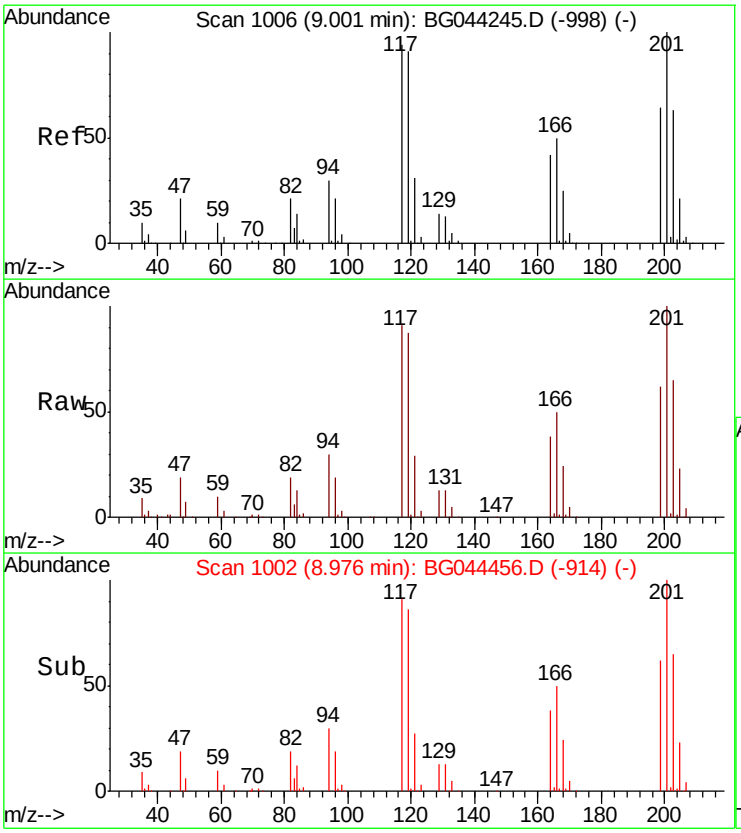

#17
2-Methylphenol
Concen: 51.121 ng
RT: 8.34 min Scan# 894
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:107 Resp: 199037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 113.4 | 86.4 | 129.6 |
| 77 | 44.3 | 34.0 | 51.0 |
| 79 | 42.8 | 32.9 | 49.3 |

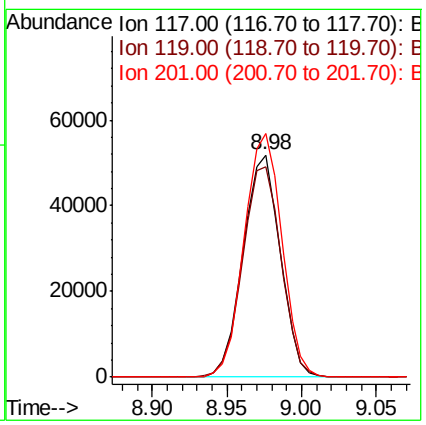


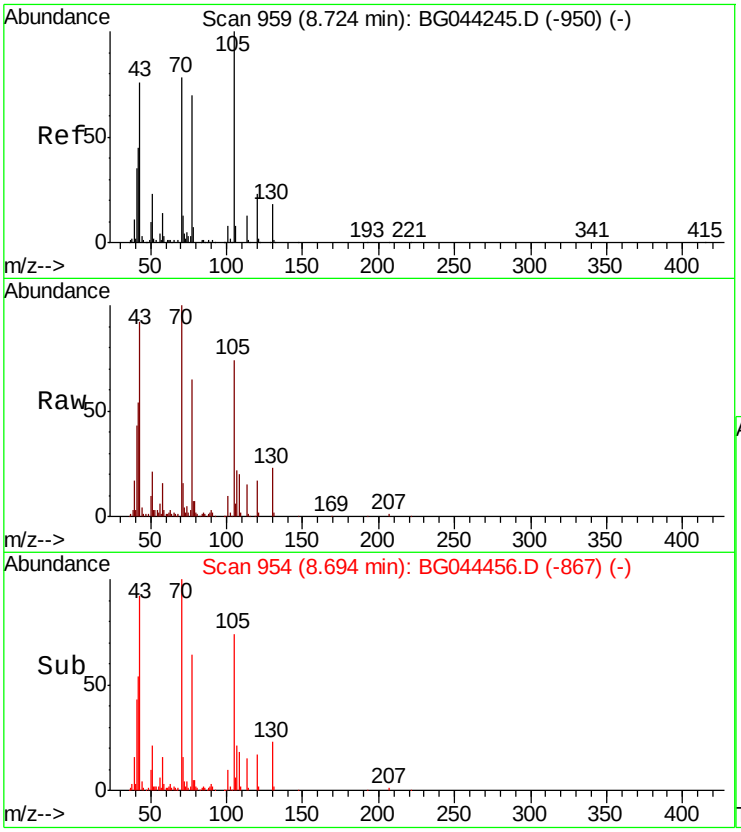




#18
Hexachloroethane
Concen: 44.659 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:117 Resp: 89434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.7 | 77.5 | 116.3 |
| 201 | 109.4 | 84.9 | 127.3 |



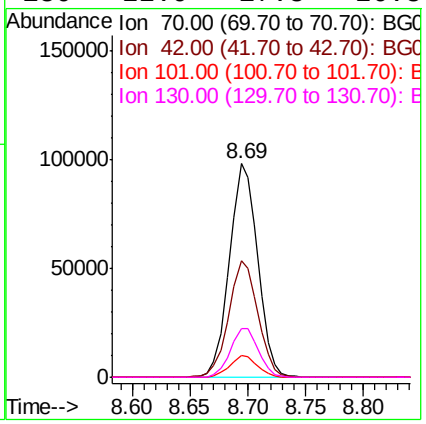


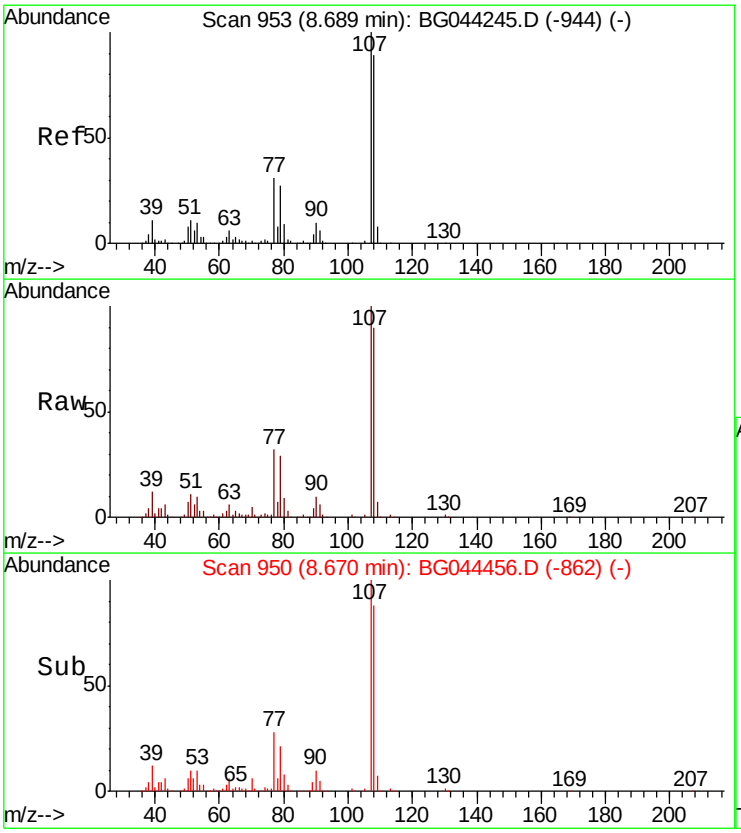

#19
n-Nitroso-di-n-propylamine
Concen: 45.176 ng
RT: 8.69 min Scan# 954
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion: 70 Resp: 166016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 54.3 | 46.2 | 69.2 |
| 101 | 10.5 | 8.4 | 12.6 |
| 130 | 22.9 | 17.8 | 26.8 |

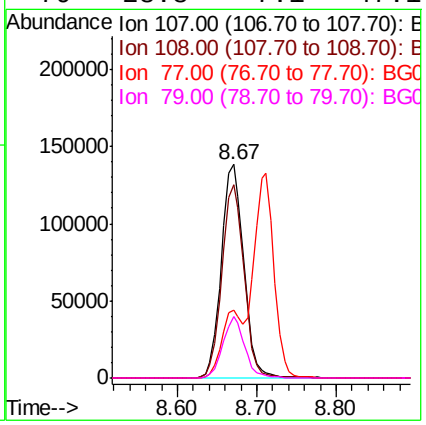


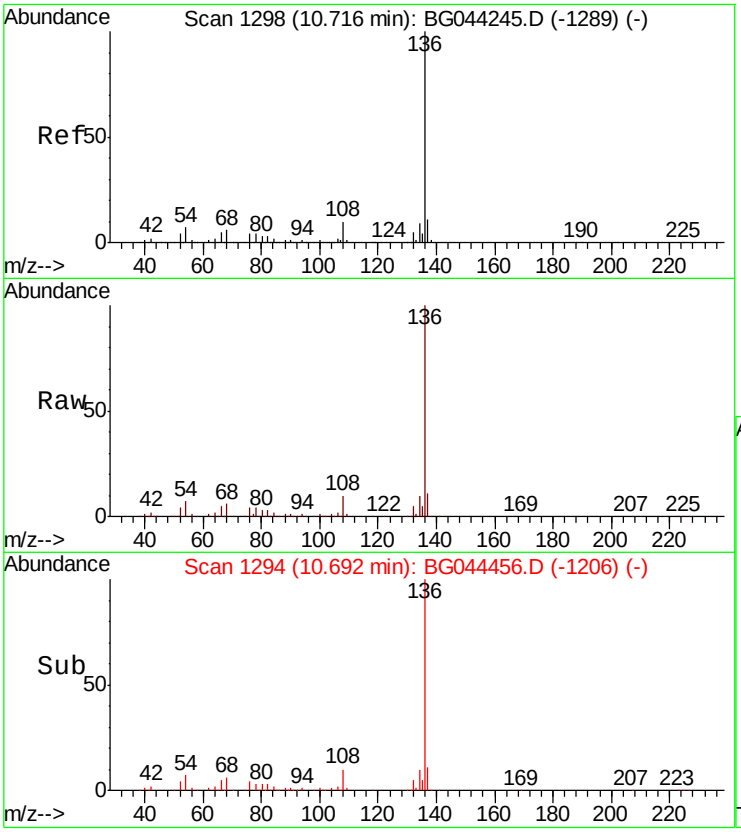




#20
3+4-Methylphenols
Concen: 50.540 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:107 Resp: 271186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.4 | 68.5 | 108.5 |
| 77 | 31.5 | 10.9 | 50.9 |
| 79 | 28.8 | 7.1 | 47.1 |



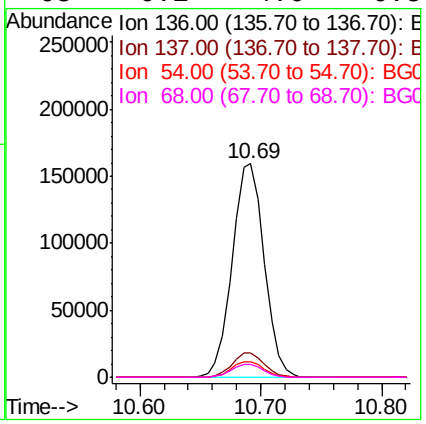


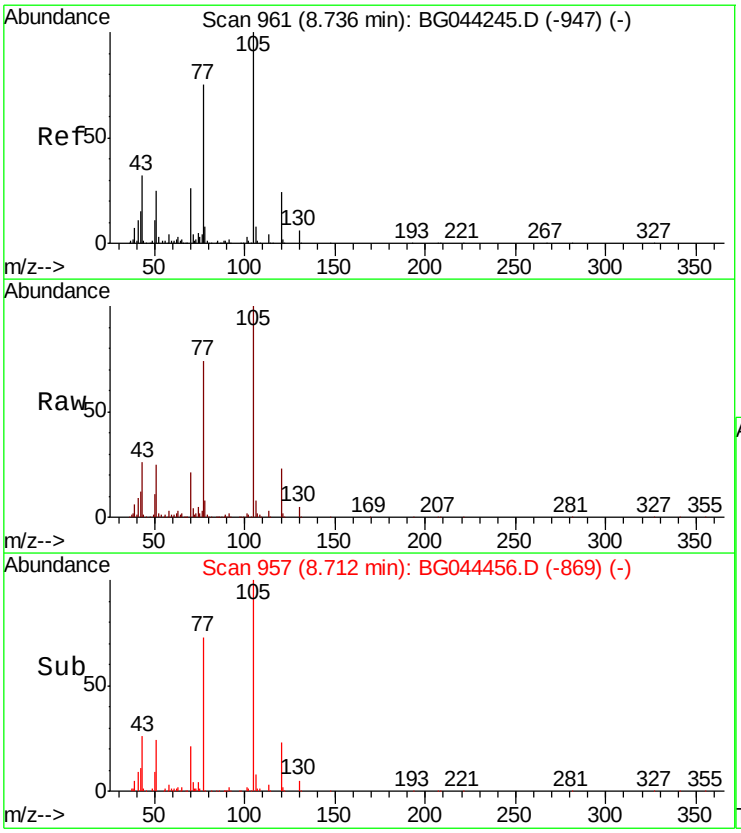

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:136 Resp: 293881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.4 | 8.8 | 13.2 |
| 54 | 7.0 | 5.8 | 8.8 |
| 68 | 6.1 | 4.6 | 6.8 |

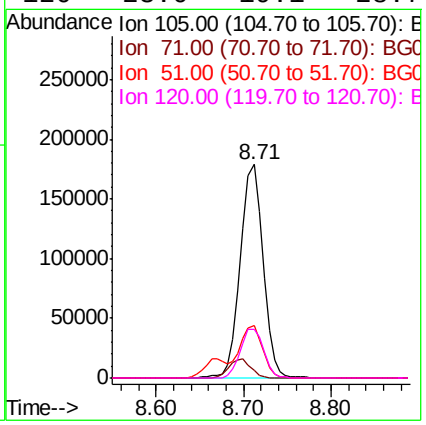


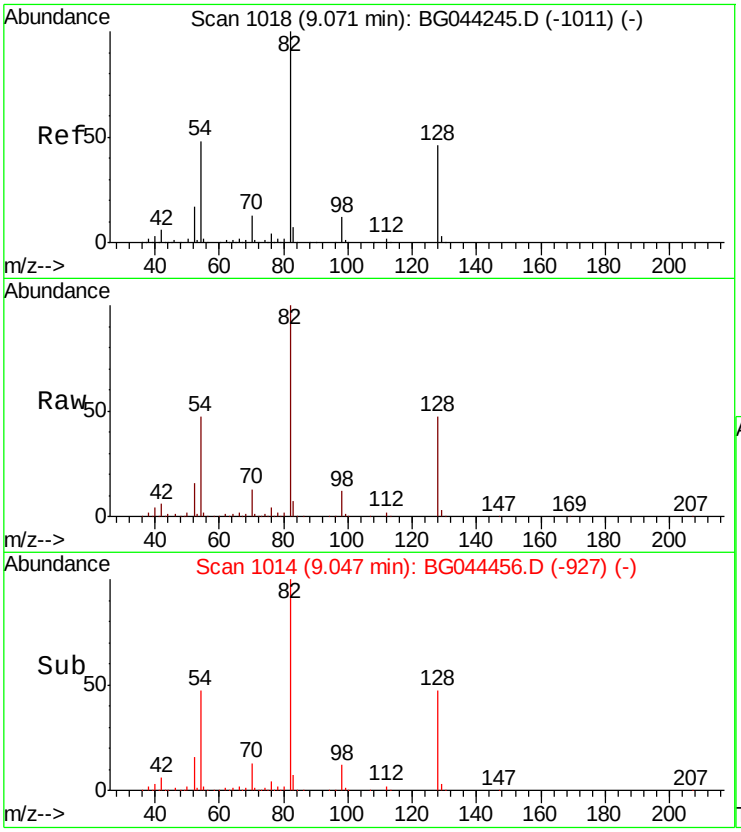




#22
Acetophenone
Concen: 43.863 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:105 Resp: 313585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 3.6 | 3.4 | 5.0 |
| 51 | 24.5 | 20.2 | 30.4 |
| 120 | 23.0 | 19.1 | 28.7 |



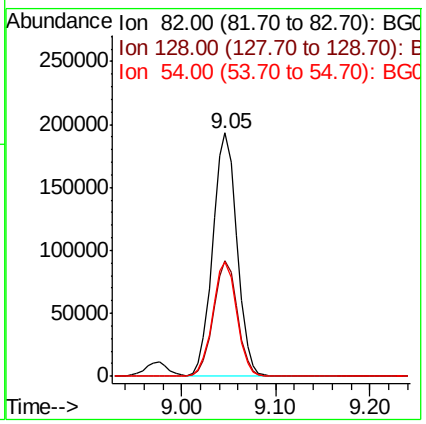


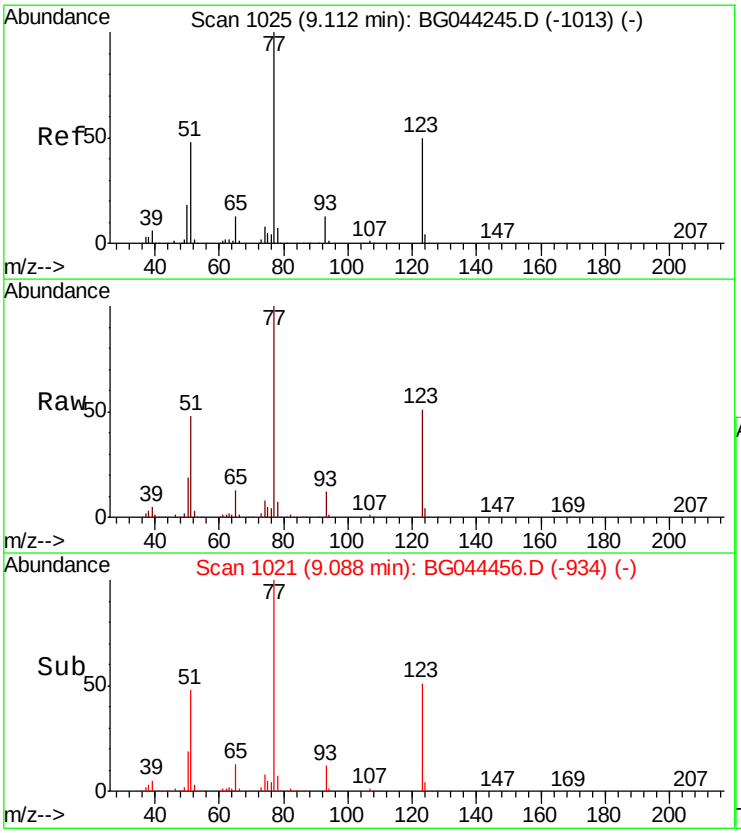

#23
Nitrobenzene-d5
Concen: 67.082 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion: 82 Resp: 349194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 47.3 | 36.5 | 54.7 |
| 54 | 46.8 | 38.6 | 58.0 |

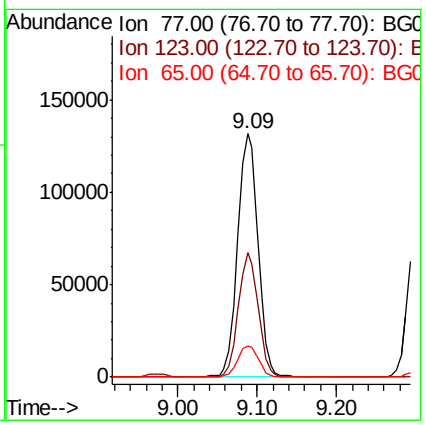


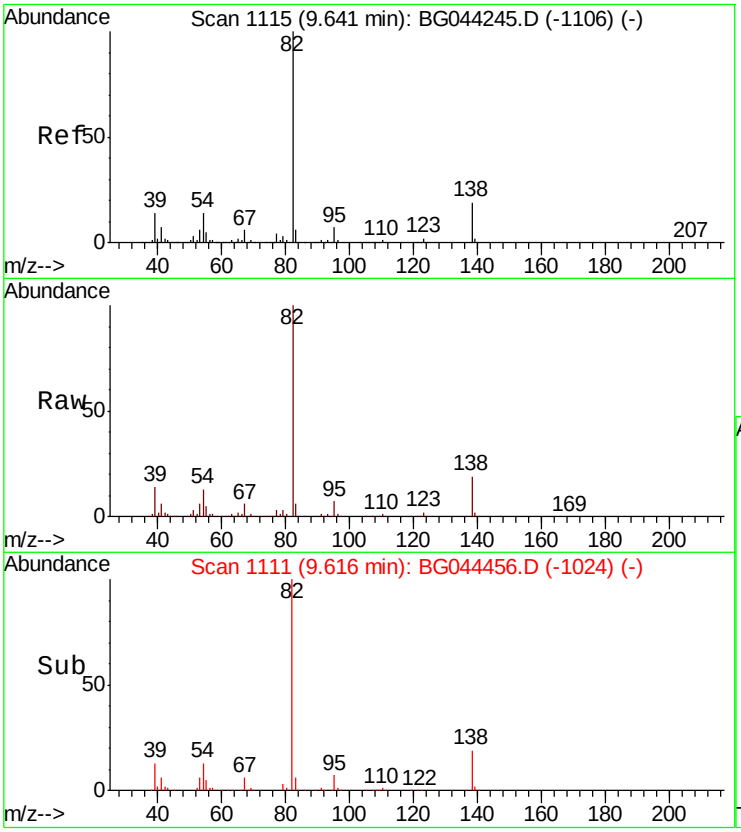




#24
Nitrobenzene
Concen: 46.175 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion: 77 Resp: 234655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 51.3 | 39.9 | 59.9 |
| 65 | 12.9 | 10.4 | 15.6 |



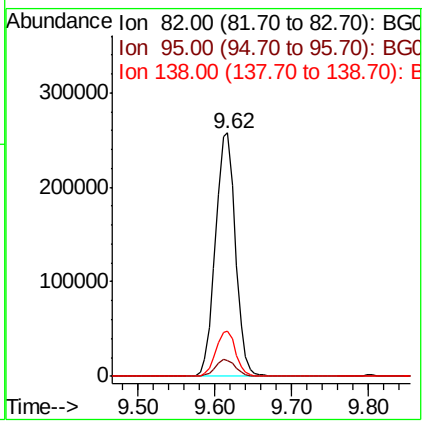


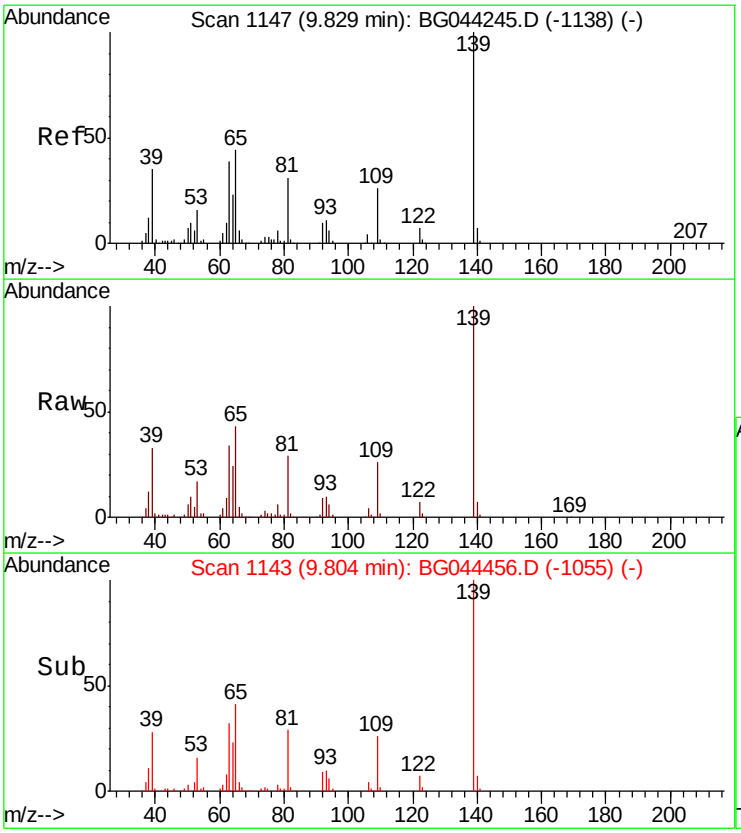

#25
Isophorone
Concen: 47.493 ng
RT: 9.62 min Scan# 1111
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion: 82 Resp: 460792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.7 | 5.7 | 8.5 |
| 138 | 18.5 | 15.0 | 22.4 |

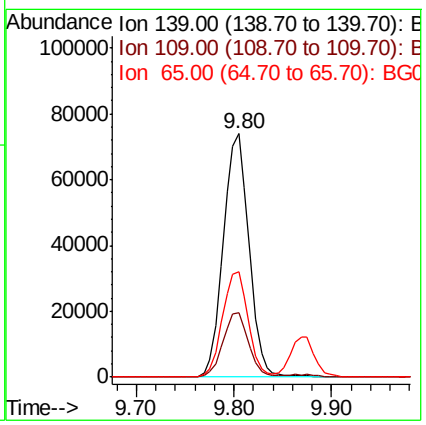


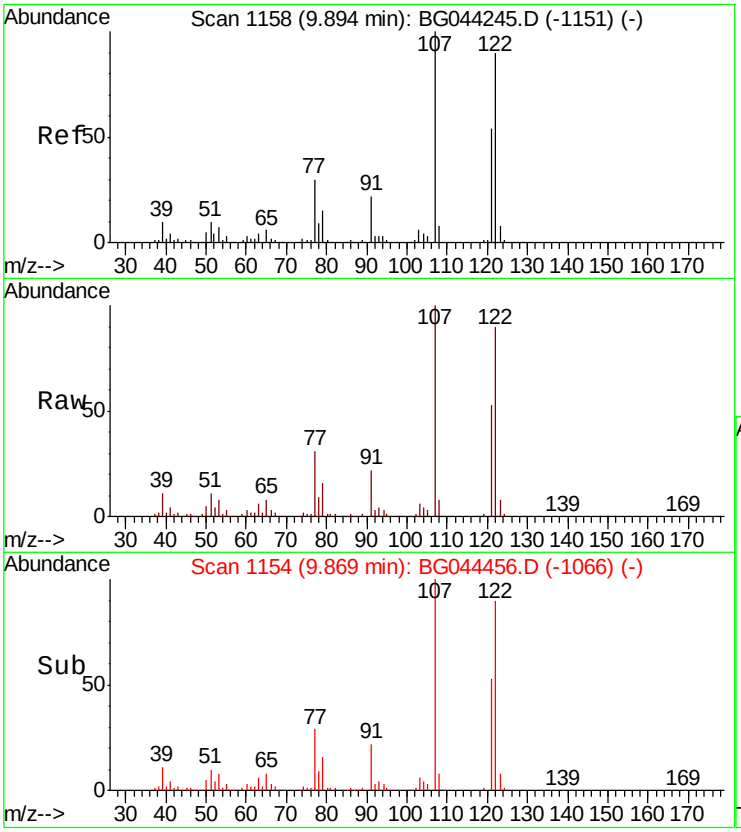




#26
2-Nitrophenol
Concen: 51.366 ng
RT: 9.80 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:139 Resp: 135448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 26.4 | 21.0 | 31.4 |
| 65 | 43.2 | 35.0 | 52.4 |



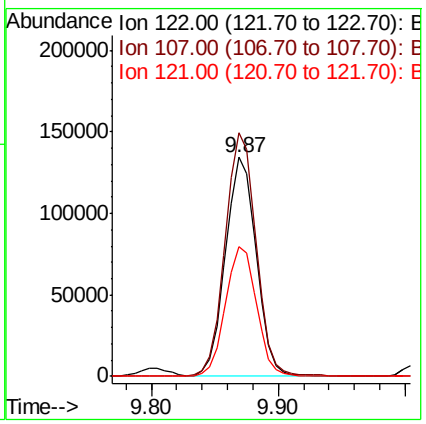


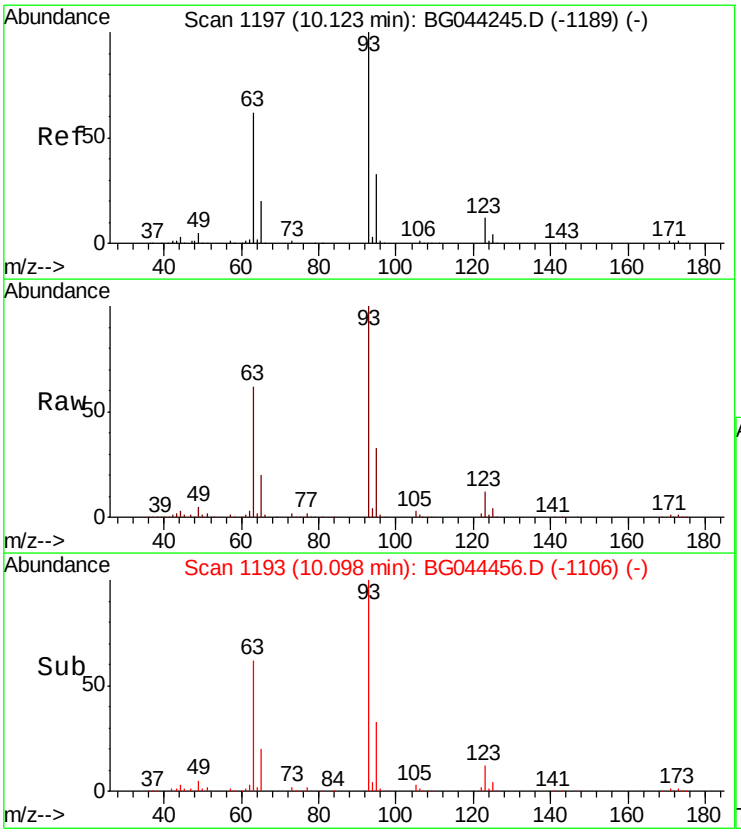

#27
2,4-Dimethylphenol
Concen: 60.419 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:122 Resp: 224896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 111.2 | 88.8 | 133.2 |
| 121 | 59.0 | 48.3 | 72.5 |

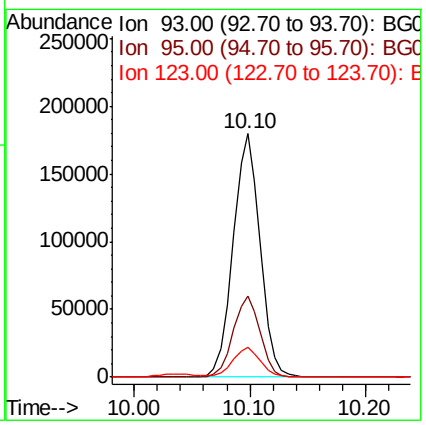


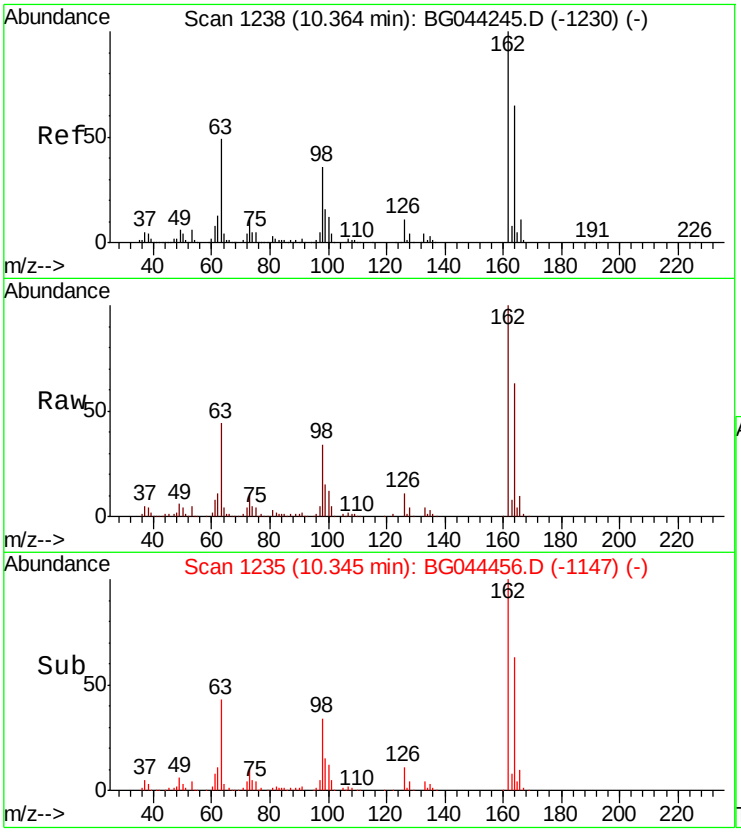




#28
bis(2-Chloroethoxy)methane
Concen: 44.599 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion: 93 Resp: 288661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.3 | 26.6 | 40.0 |
| 123 | 12.1 | 10.0 | 15.0 |



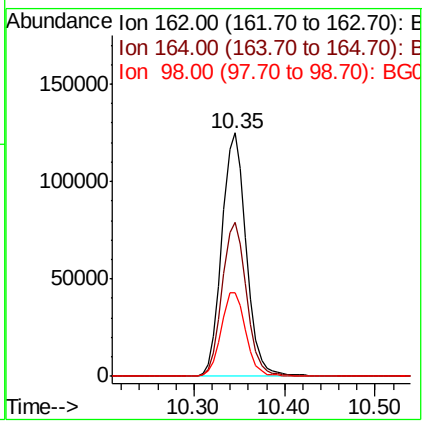


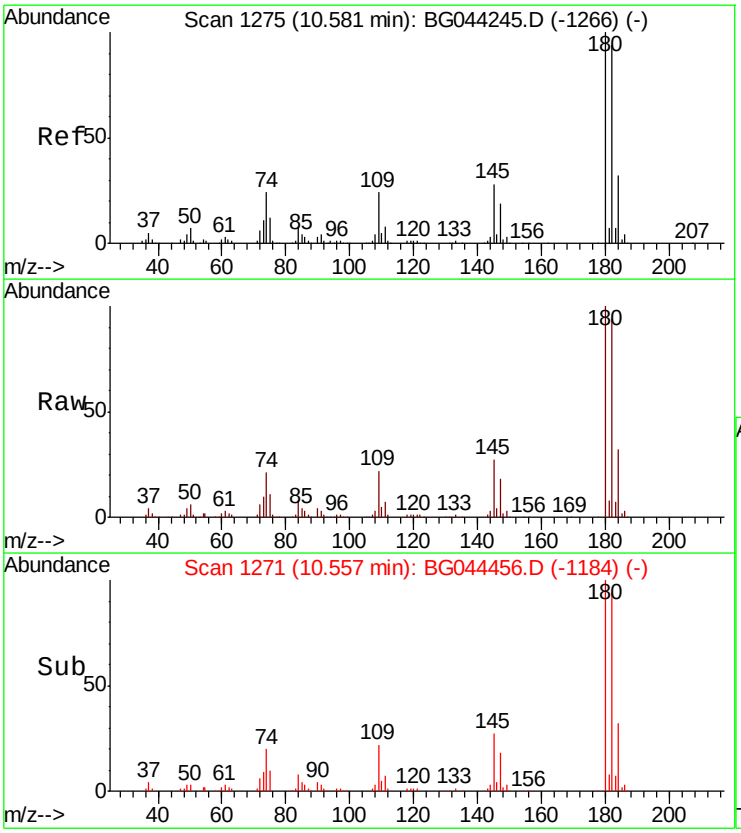

#29
2,4-Dichlorophenol
Concen: 51.935 ng
RT: 10.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:162 Resp: 233750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.3 | 44.7 | 84.7 |
| 98 | 34.4 | 15.8 | 55.8 |

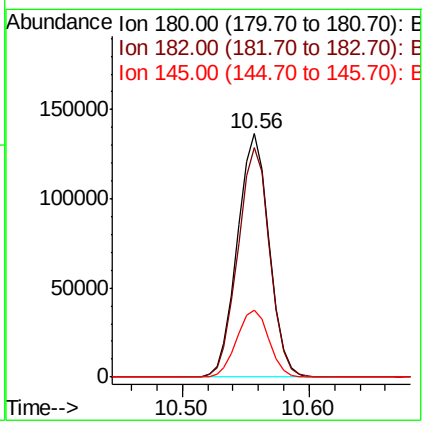


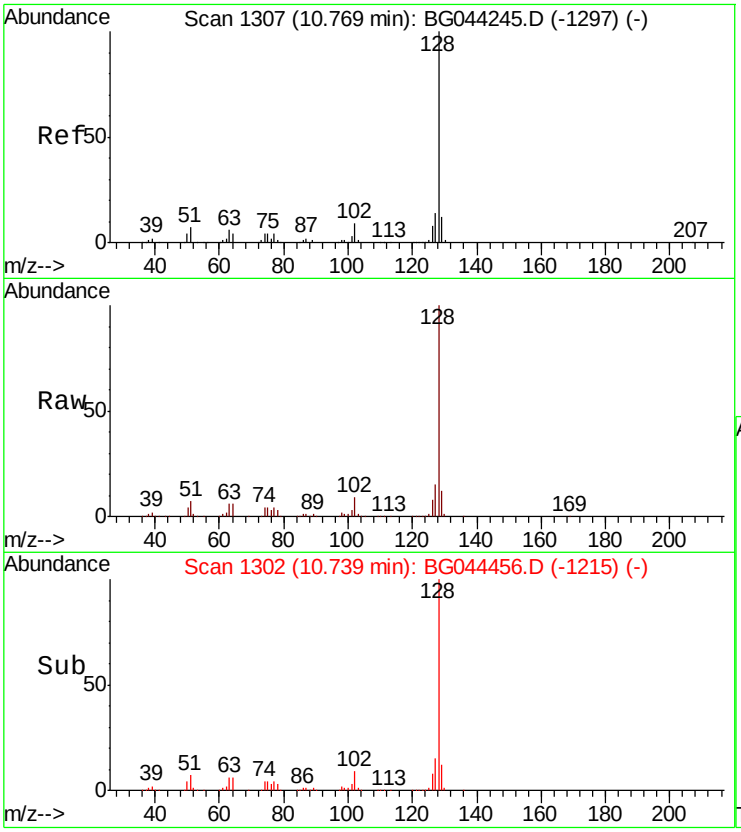




#30
1,2,4-Trichlorobenzene
Concen: 45.846 ng
RT: 10.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:180 Resp: 236604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.3 | 75.5 | 113.3 |
| 145 | 27.3 | 22.6 | 34.0 |



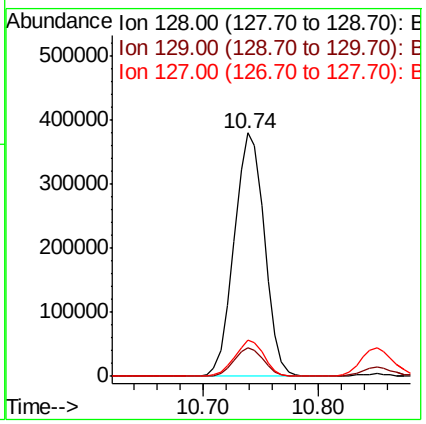


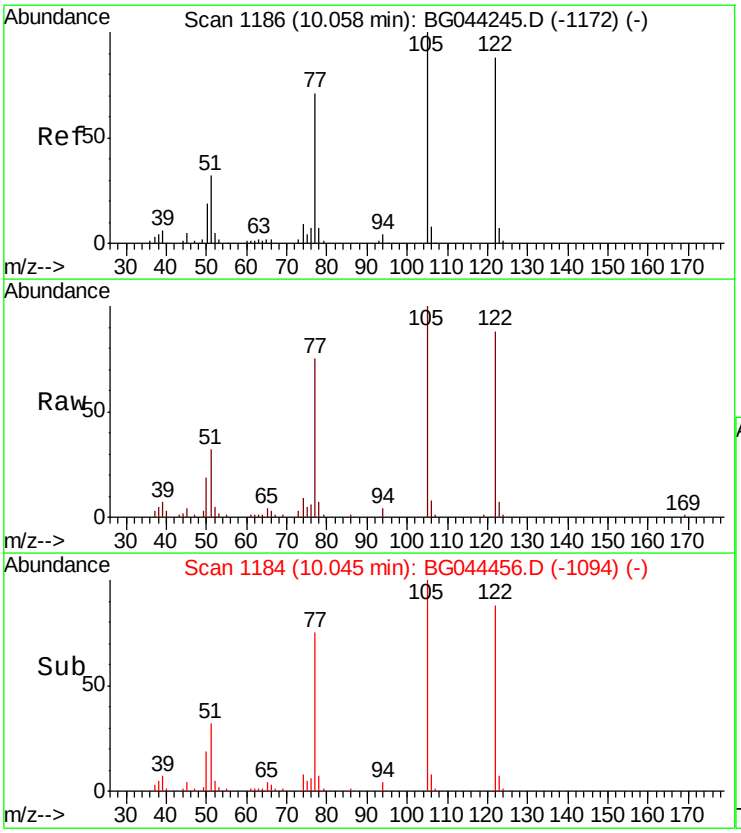

#31
Naphthalene
Concen: 48.223 ng
RT: 10.74 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:128 Resp: 687568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.6 | 9.3 | 13.9 |
| 127 | 14.7 | 11.6 | 17.4 |

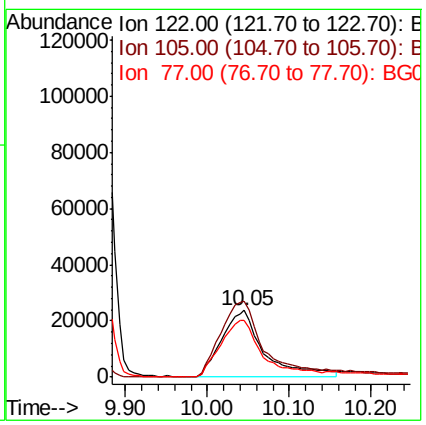


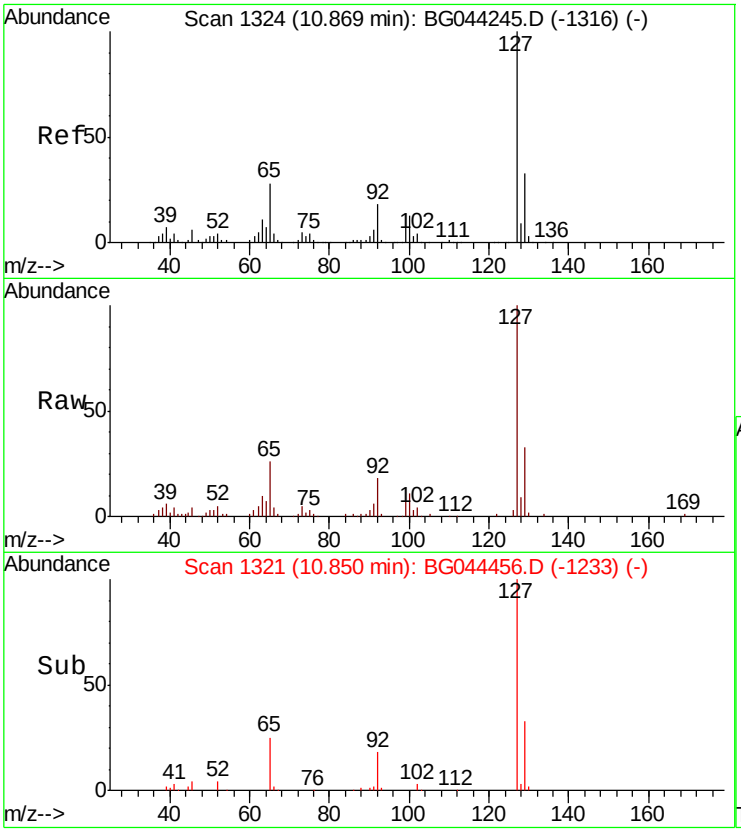




#32
Benzoic acid
Concen: 38.292 ng
RT: 10.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:122 Resp: 83915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 113.6 | 93.5 | 133.5 |
| 77 | 85.4 | 61.0 | 101.0 |



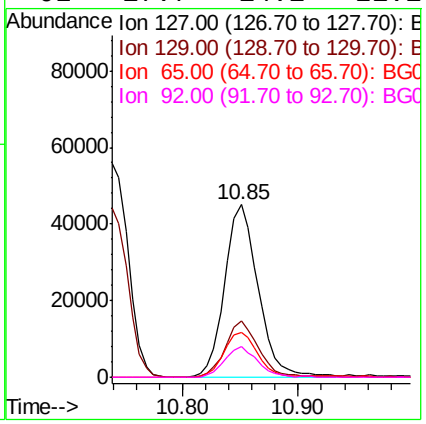


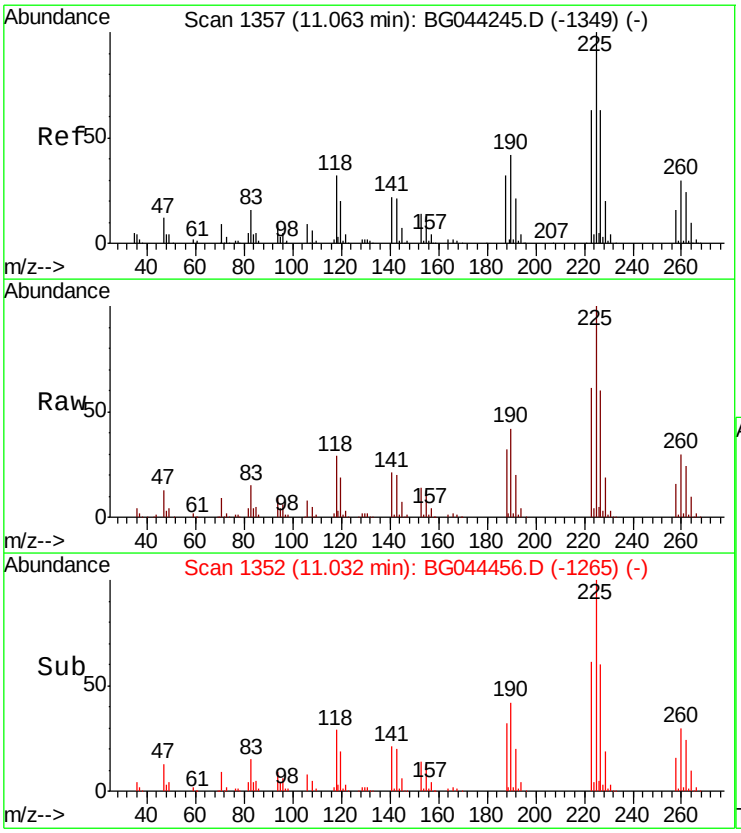

#33
4-Chloroaniline
Concen: 14.031 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:127 Resp: 90985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.6 | 26.6 | 40.0 |
| 65 | 26.0 | 22.5 | 33.7 |
| 92 | 17.7 | 14.1 | 21.1 |

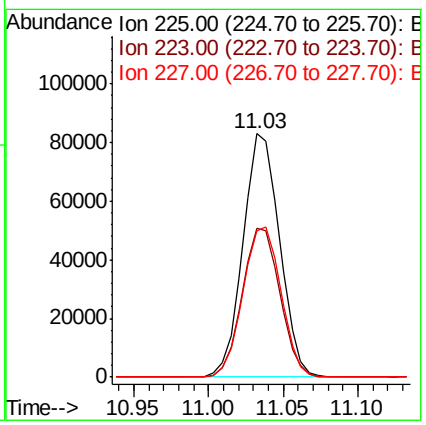


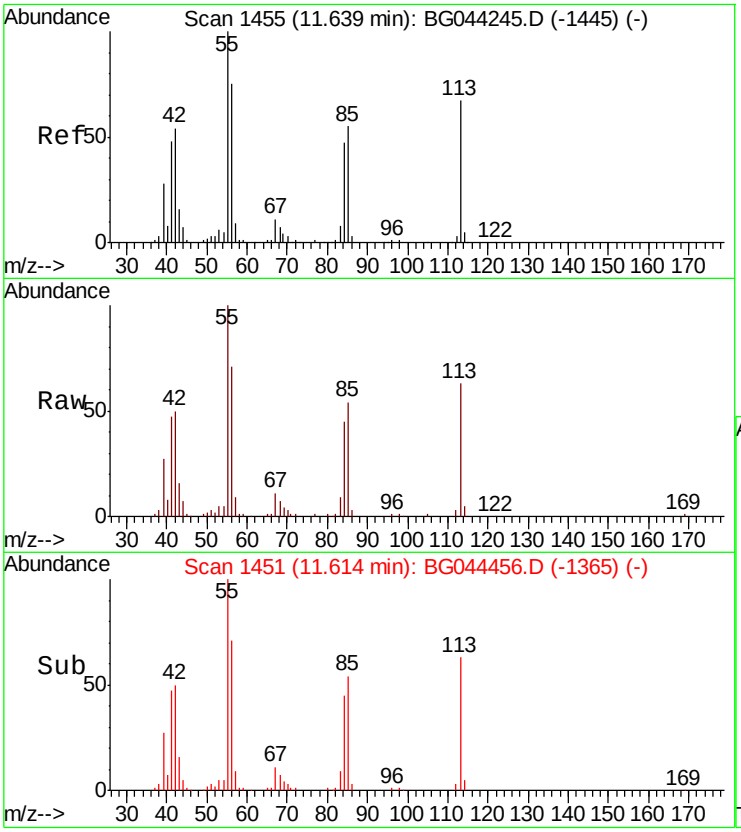




#34
Hexachlorobutadiene
Concen: 44.201 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:225 Resp: 140365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.2 | 50.2 | 75.4 |
| 227 | 60.3 | 50.8 | 76.2 |



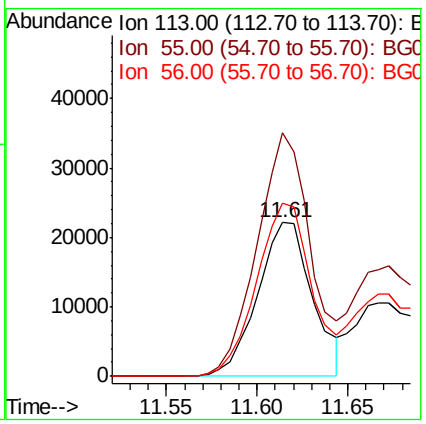


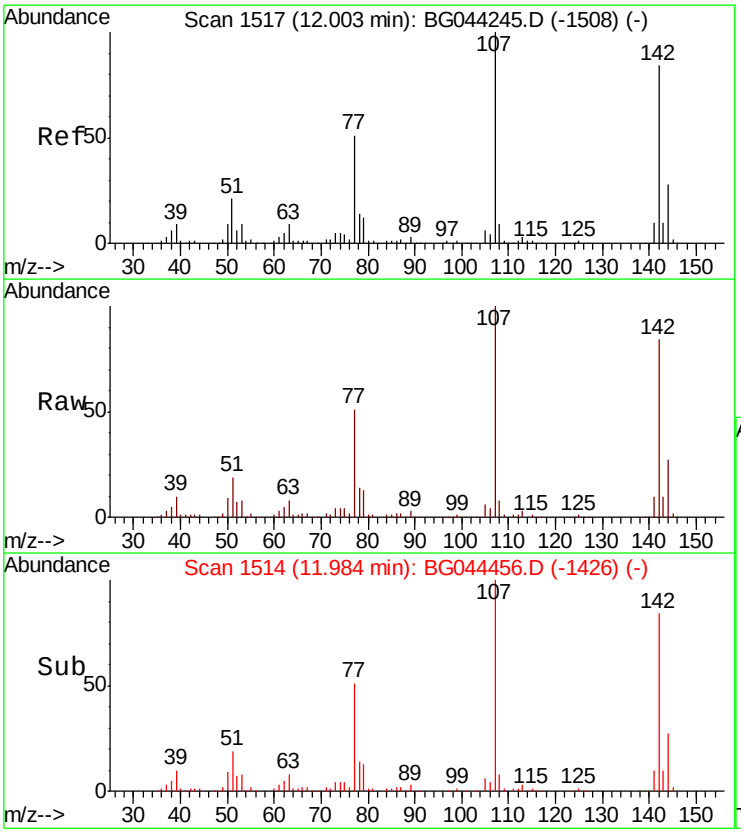

#35
Caprolactam
Concen: 28.206 ng
RT: 11.61 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:113 Resp: 46505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 158.3 | 129.9 | 169.9 |
| 56 | 112.3 | 92.5 | 132.5 |

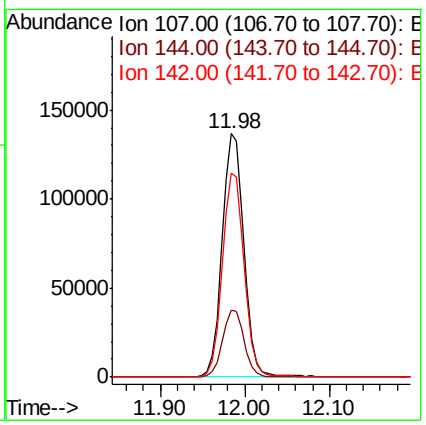


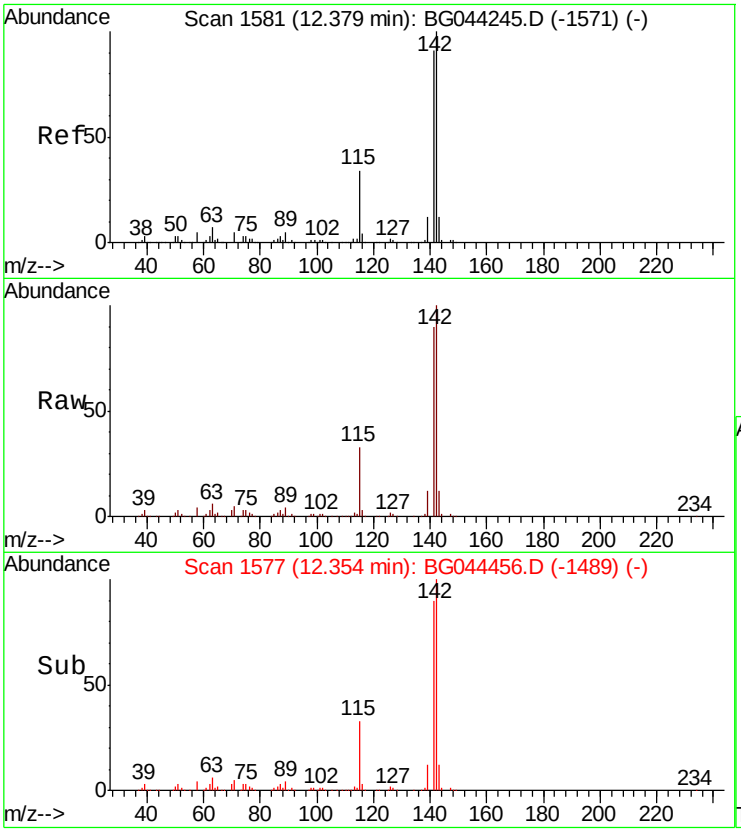




#36
4-Chloro-3-methylphenol
Concen: 51.330 ng
RT: 11.98 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:107 Resp: 242220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 27.4 | 22.2 | 33.4 |
| 142 | 83.9 | 67.4 | 101.0 |



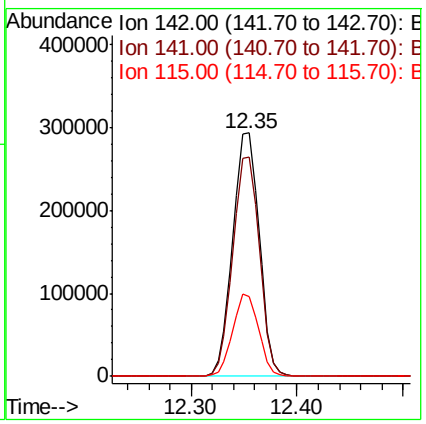


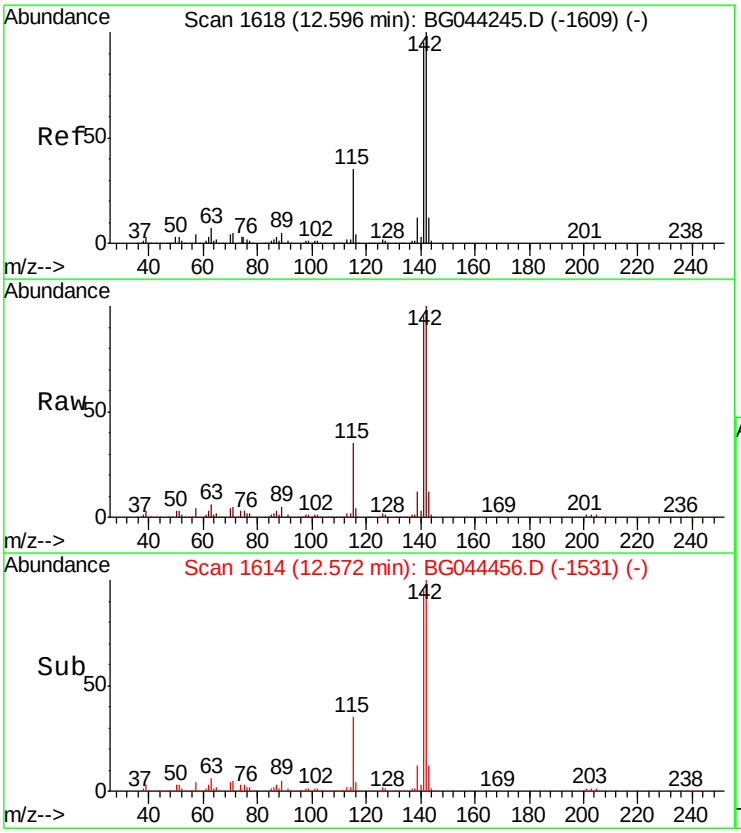

#37
2-Methylnaphthalene
Concen: 48.234 ng
RT: 12.35 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:142 Resp: 510618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.9 | 73.2 | 109.8 |
| 115 | 32.5 | 27.1 | 40.7 |

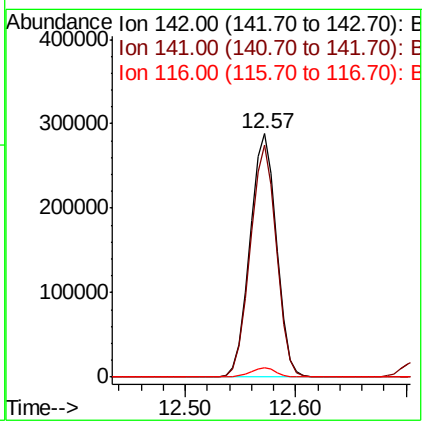


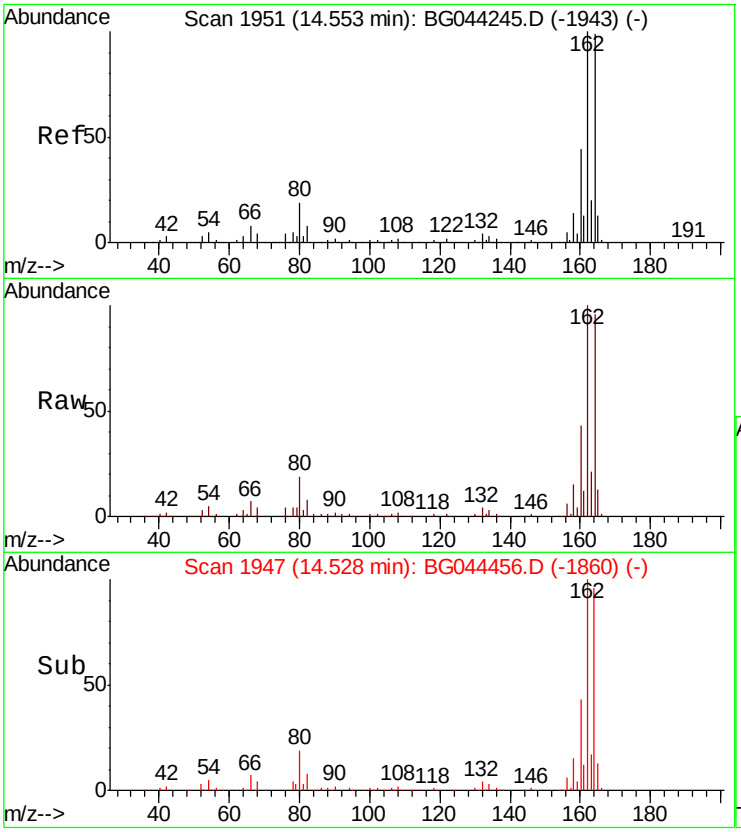




#38
1-Methylnaphthalene
Concen: 48.700 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:142 Resp: 486062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 95.3 | 75.8 | 113.6 |
| 116 | 3.6 | 3.1 | 4.7 |



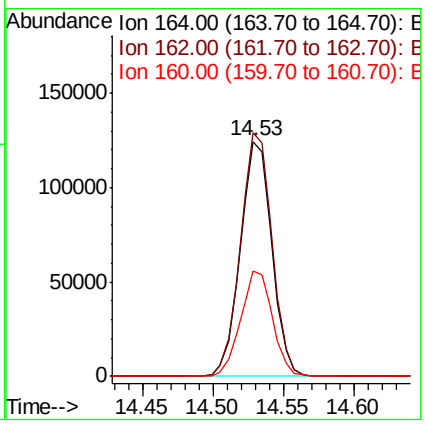


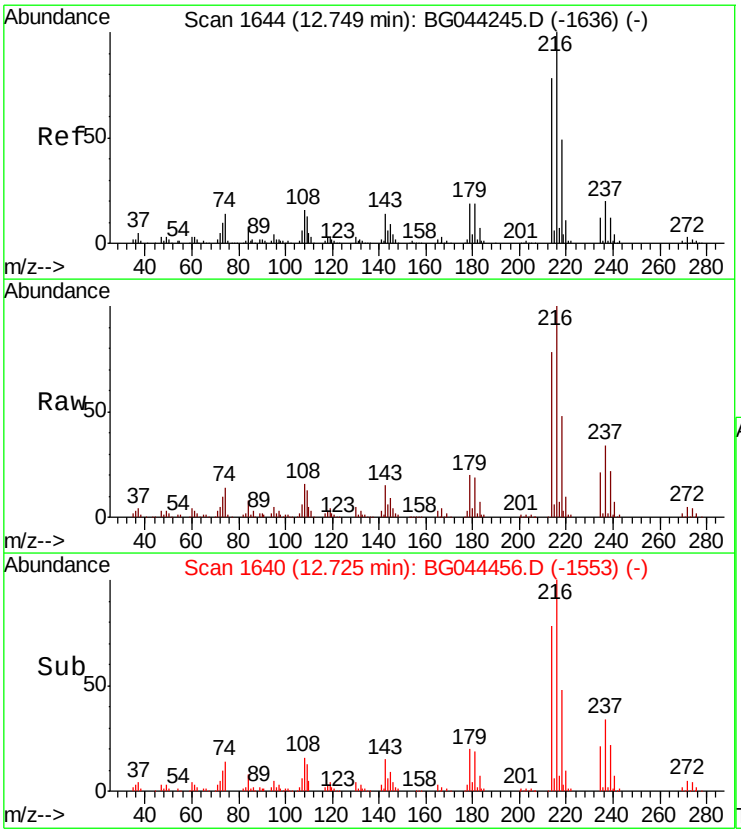

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:164 Resp: 193151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.7 | 80.7 | 121.1 |
| 160 | 44.9 | 35.3 | 52.9 |

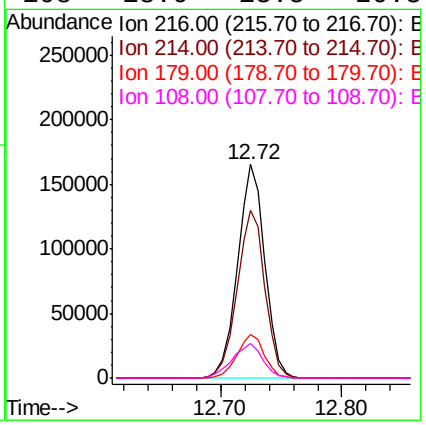


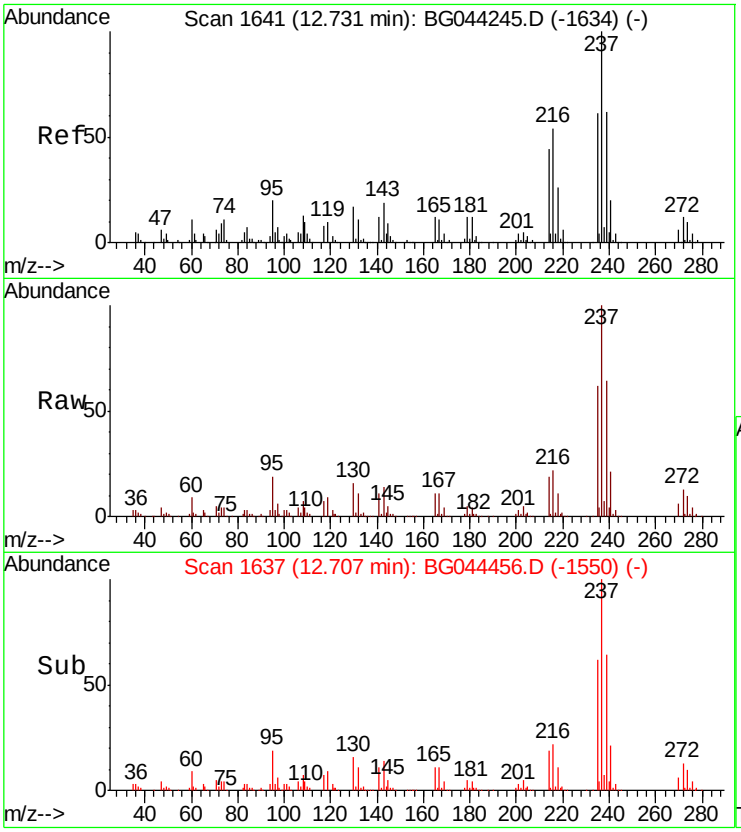




#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.838 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:216 Resp: 259064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.7 | 63.0 | 94.6 |
| 179 | 20.4 | 16.2 | 24.4 |
| 108 | 18.0 | 13.5 | 20.3 |



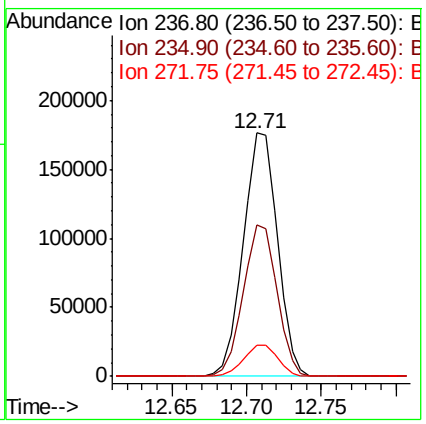


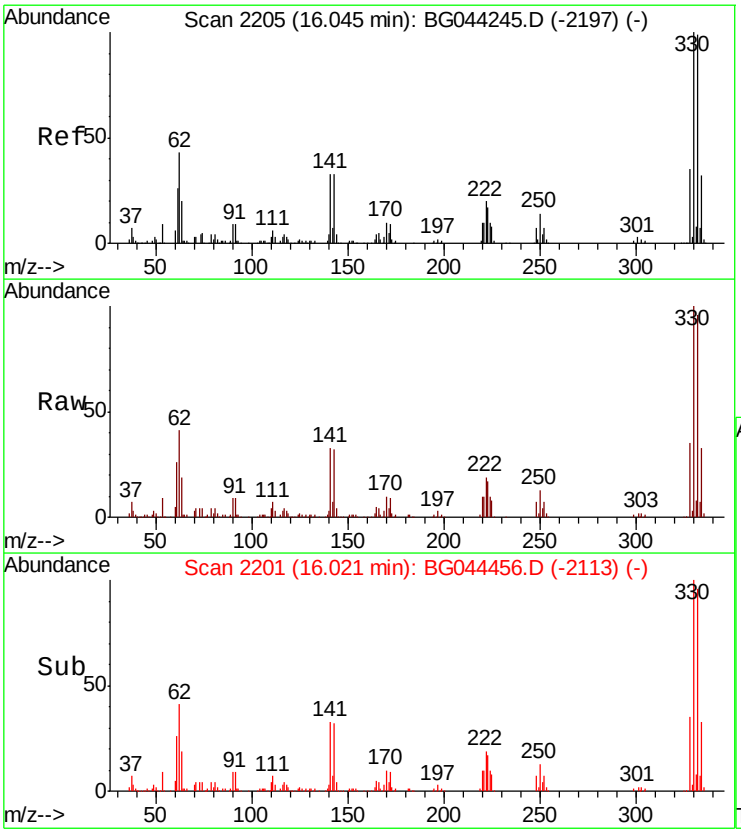

#41
Hexachlorocyclopentadiene
Concen: 100.265 ng
RT: 12.71 min Scan# 1637
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:237 Resp: 277969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.0 | 41.2 | 81.2 |
| 272 | 13.0 | 0.0 | 32.4 |

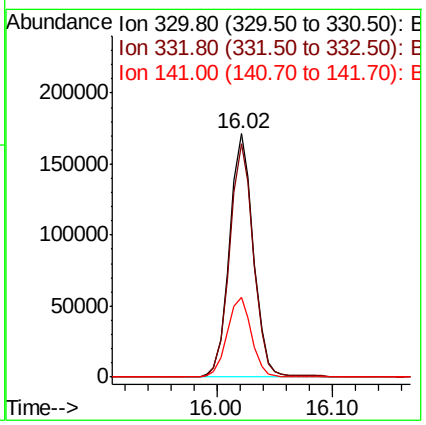


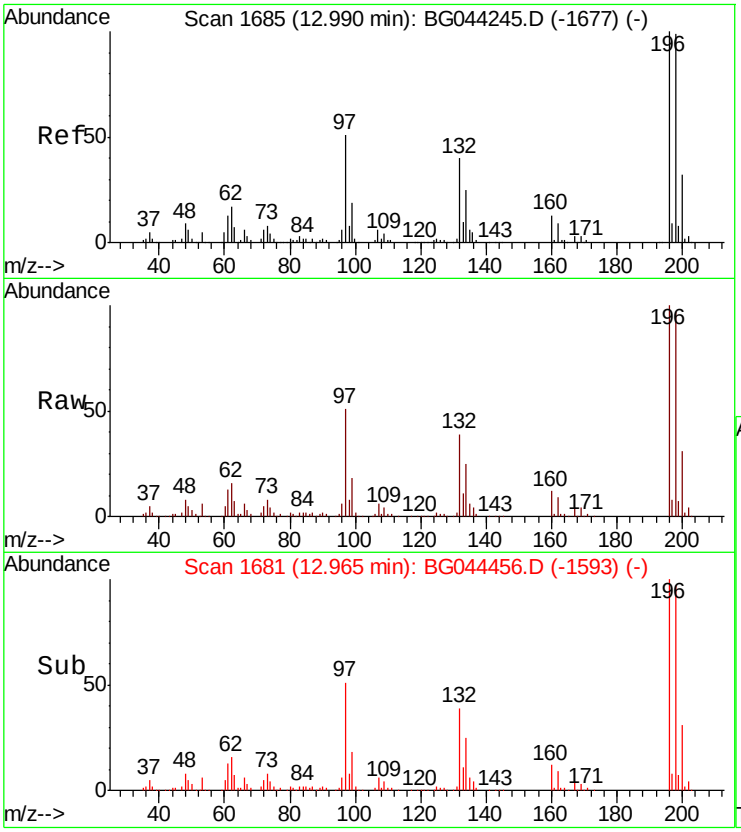




#42
2,4,6-Tribromophenol
Concen: 108.120 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:330 Resp: 245161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.5 | 77.2 | 115.8 |
| 141 | 33.6 | 28.3 | 42.5 |



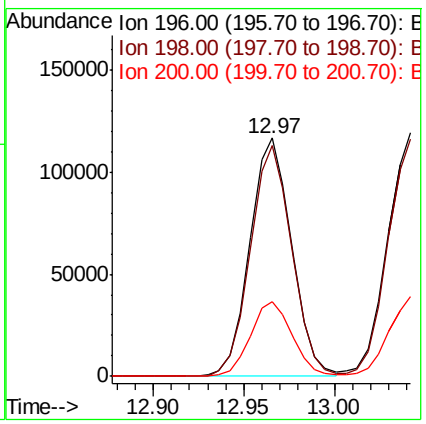


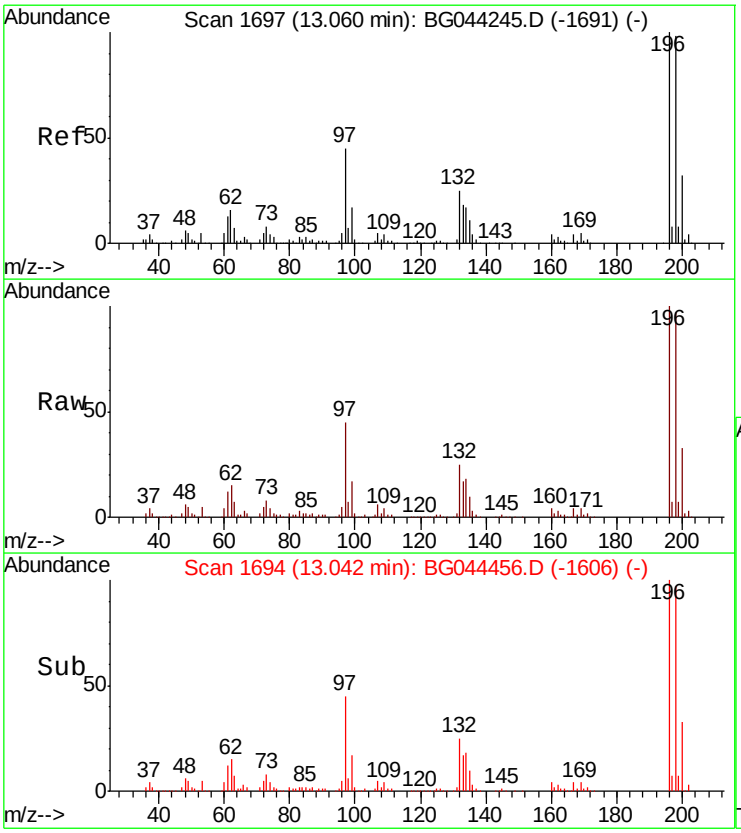

#43
2,4,6-Trichlorophenol
Concen: 49.932 ng
RT: 12.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:196 Resp: 186475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.9 | 79.3 | 118.9 |
| 200 | 31.4 | 25.7 | 38.5 |

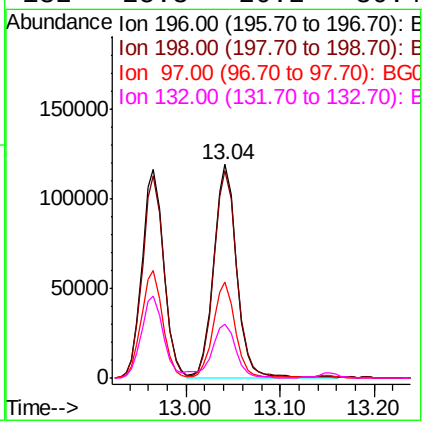


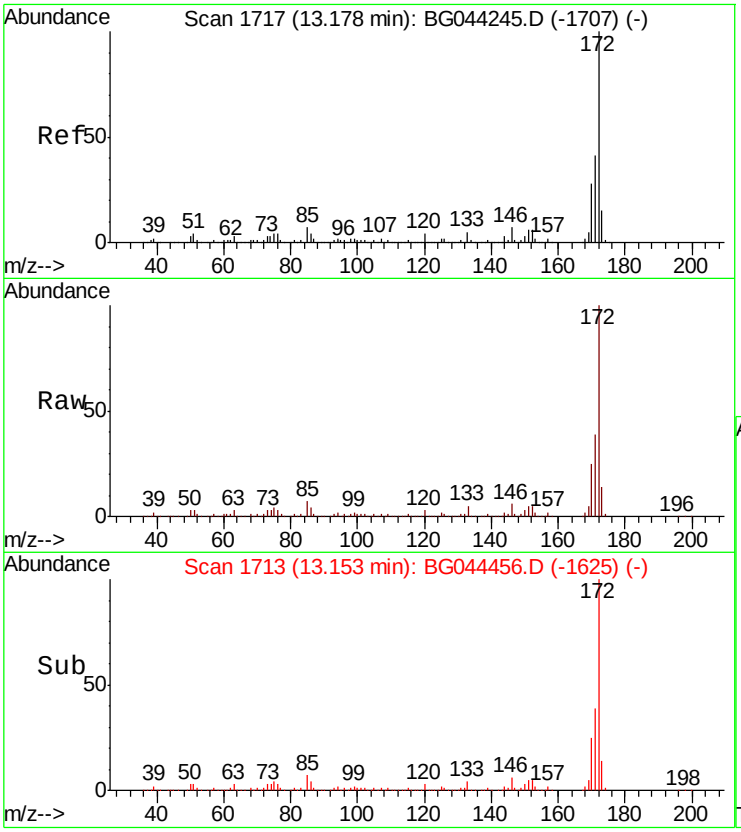




#44
2,4,5-Trichlorophenol
Concen: 53.126 ng
RT: 13.04 min Scan# 1694
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:196 Resp: 202649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.3 | 78.2 | 117.2 |
| 97 | 44.9 | 36.2 | 54.4 |
| 132 | 25.3 | 20.2 | 30.4 |



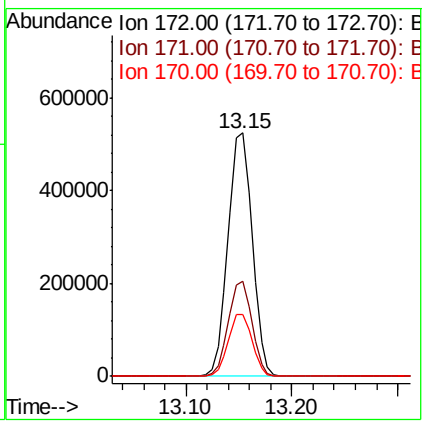


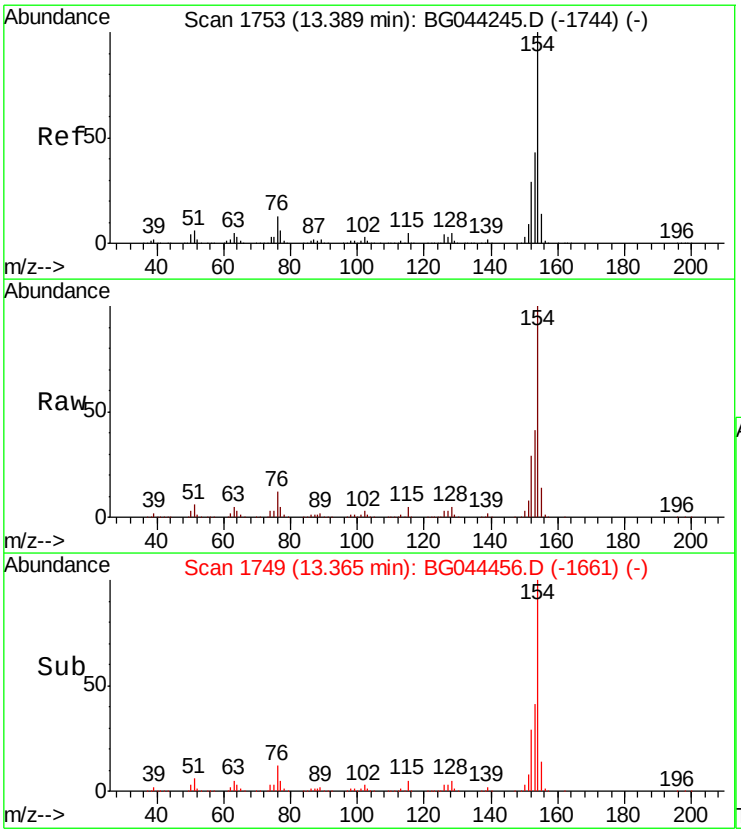

#45
2-Fluorobiphenyl
Concen: 71.885 ng
RT: 13.15 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:172 Resp: 829155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 39.1 | 32.9 | 49.3 |
| 170 | 25.5 | 22.0 | 33.0 |

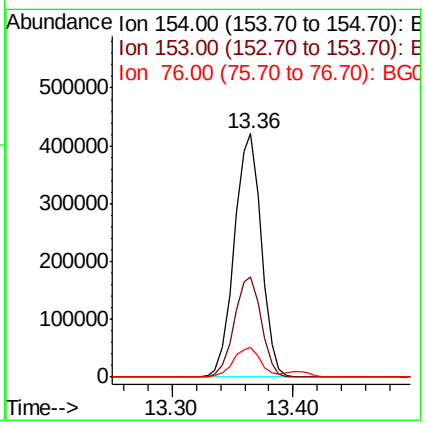


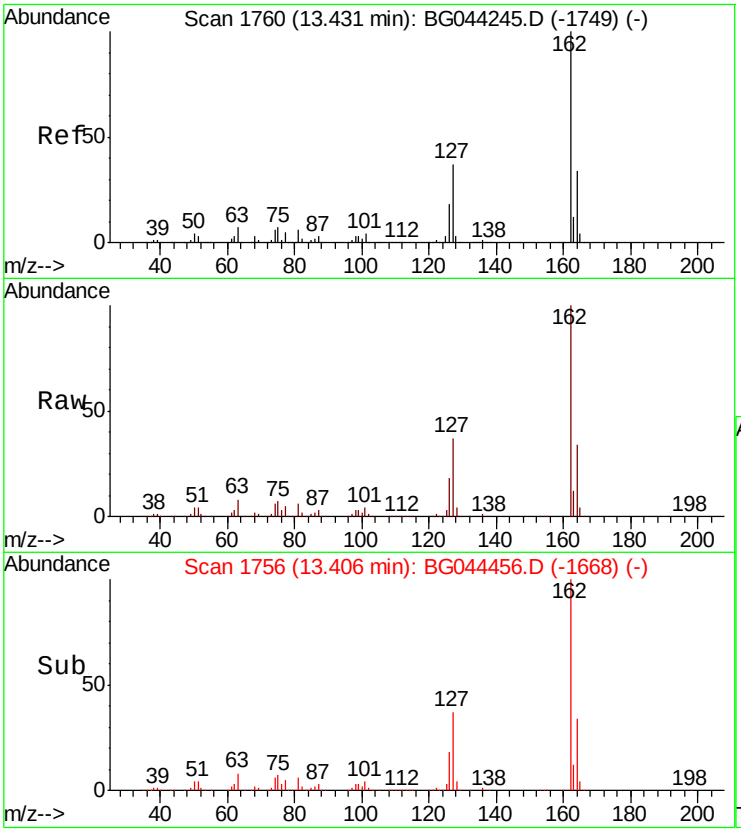




#46
1,1'-Biphenyl
Concen: 47.010 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:154 Resp: 654951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.0 | 22.7 | 62.7 |
| 76 | 12.3 | 0.0 | 32.9 |



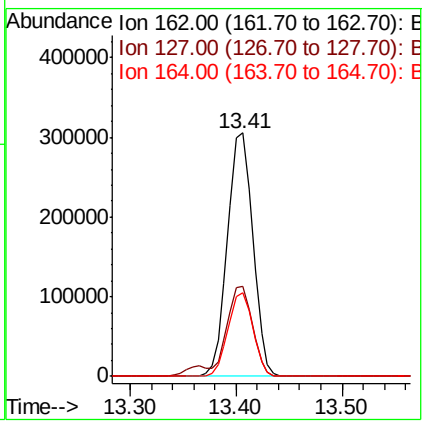


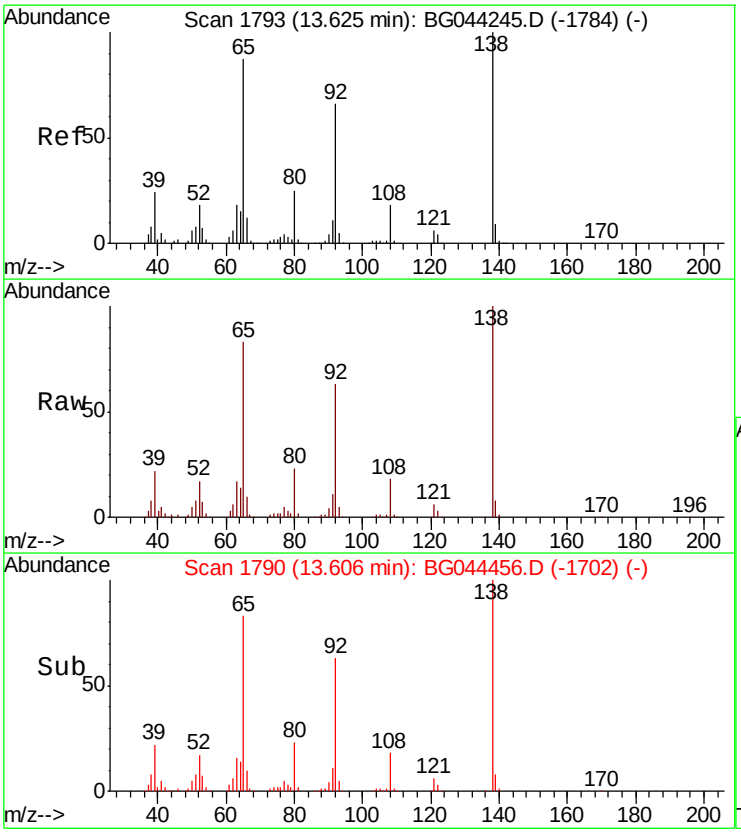

#47
2-Chloronaphthalene
Concen: 45.809 ng
RT: 13.41 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:162 Resp: 507862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 36.7 | 30.0 | 45.0 |
| 164 | 34.4 | 27.2 | 40.8 |

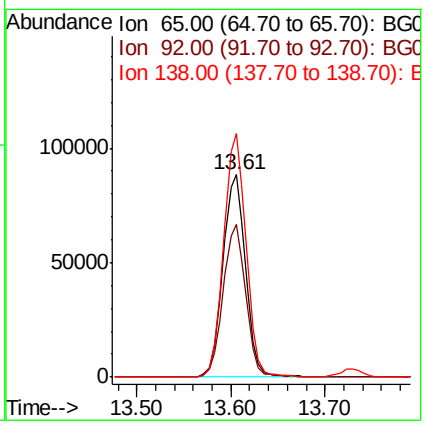


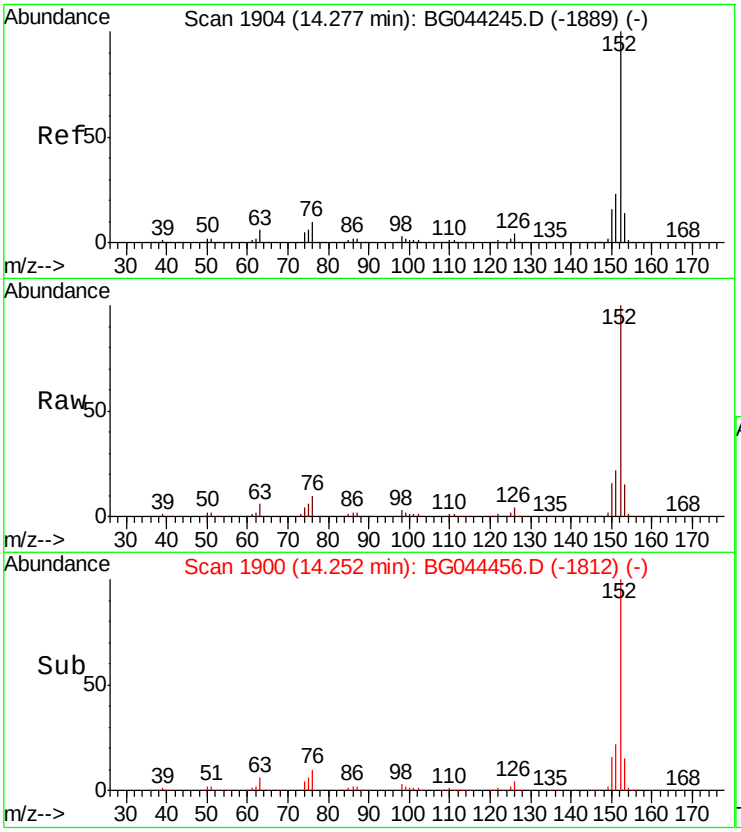




#48
2-Nitroaniline
Concen: 45.291 ng
RT: 13.61 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion: 65 Resp: 148187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 75.9 | 60.3 | 90.5 |
| 138 | 120.5 | 91.9 | 137.9 |



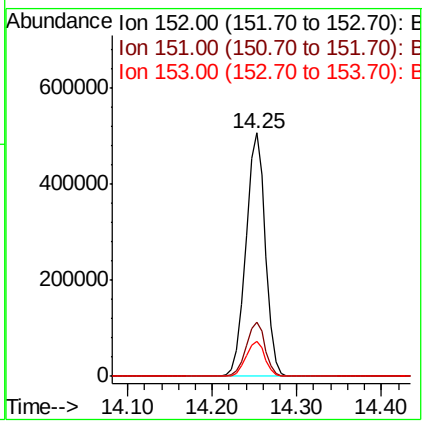


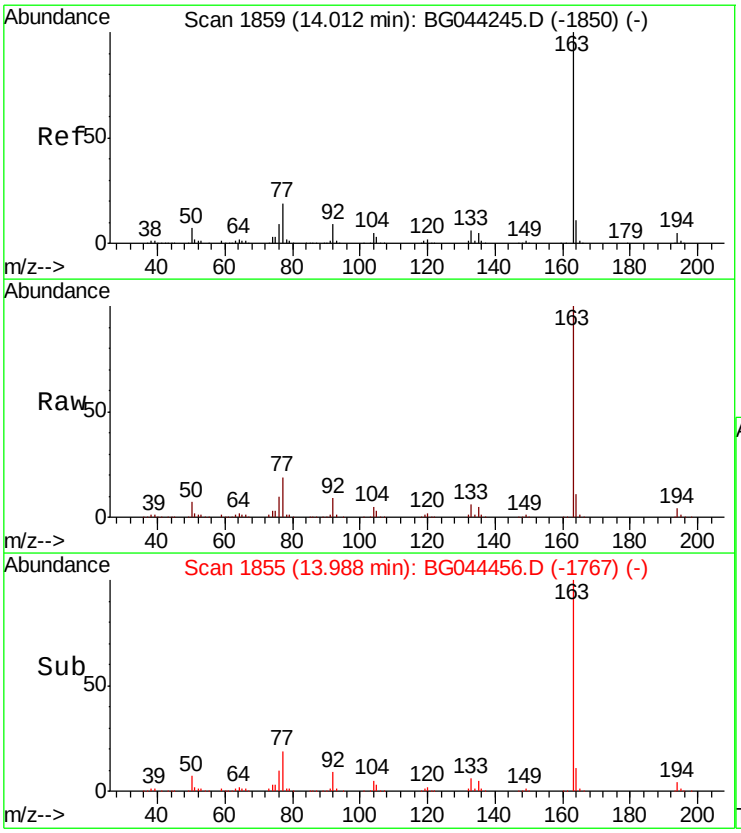

#49
Acenaphthylene
Concen: 49.725 ng
RT: 14.25 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:152 Resp: 808569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 22.4 | 18.1 | 27.1 |
| 153 | 14.5 | 11.5 | 17.3 |

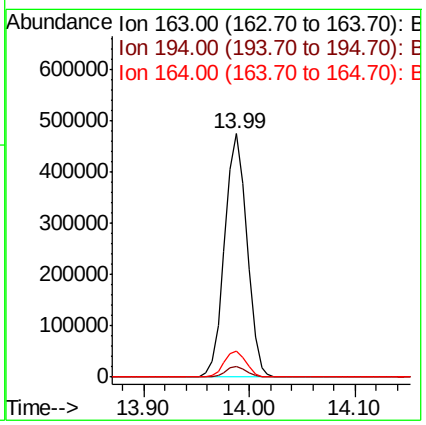


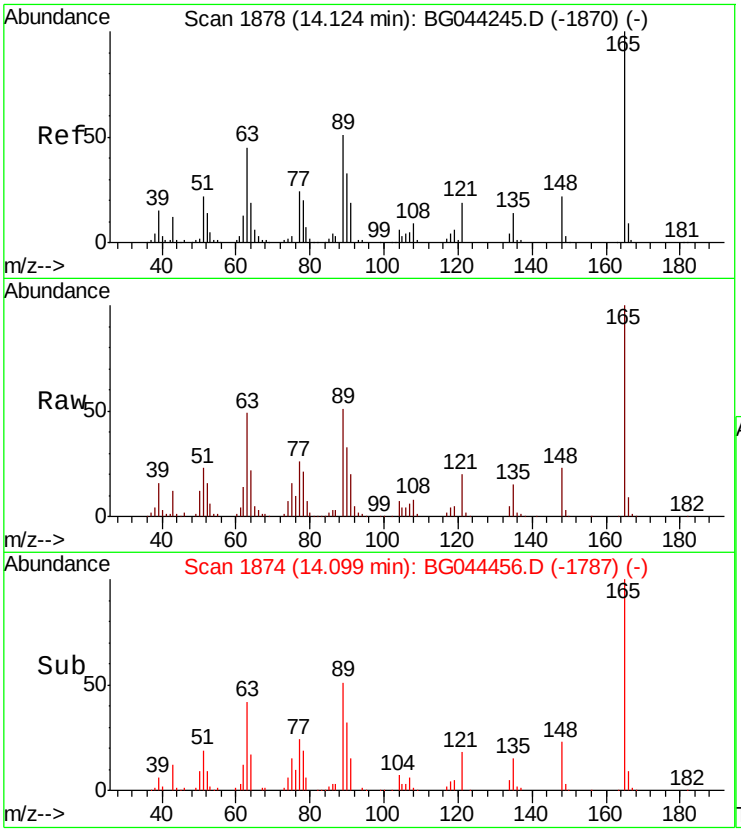




#50
Dimethylphthalate
Concen: 49.764 ng
RT: 13.99 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:163 Resp: 690933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.4 | 3.6 | 5.4 |
| 164 | 10.9 | 8.7 | 13.1 |



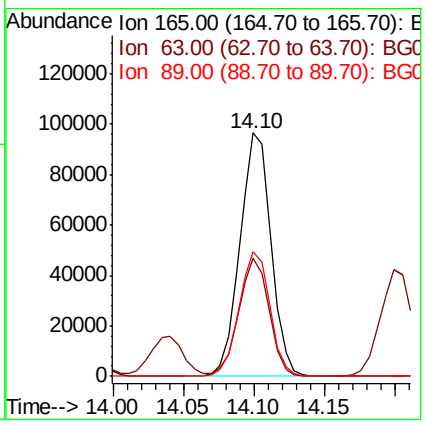


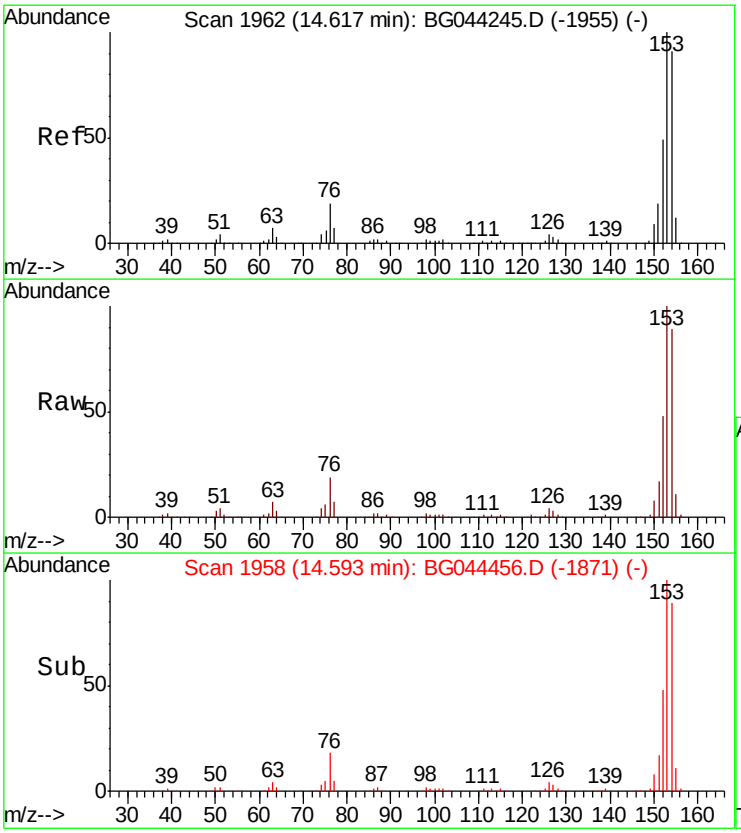

#51
2,6-Dinitrotoluene
Concen: 47.942 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:165 Resp: 148414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 48.6 | 38.7 | 58.1 |
| 89 | 51.1 | 40.4 | 60.6 |

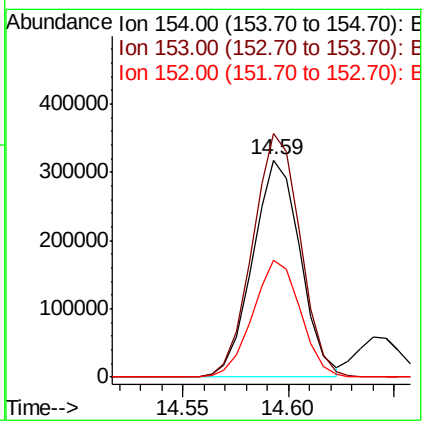


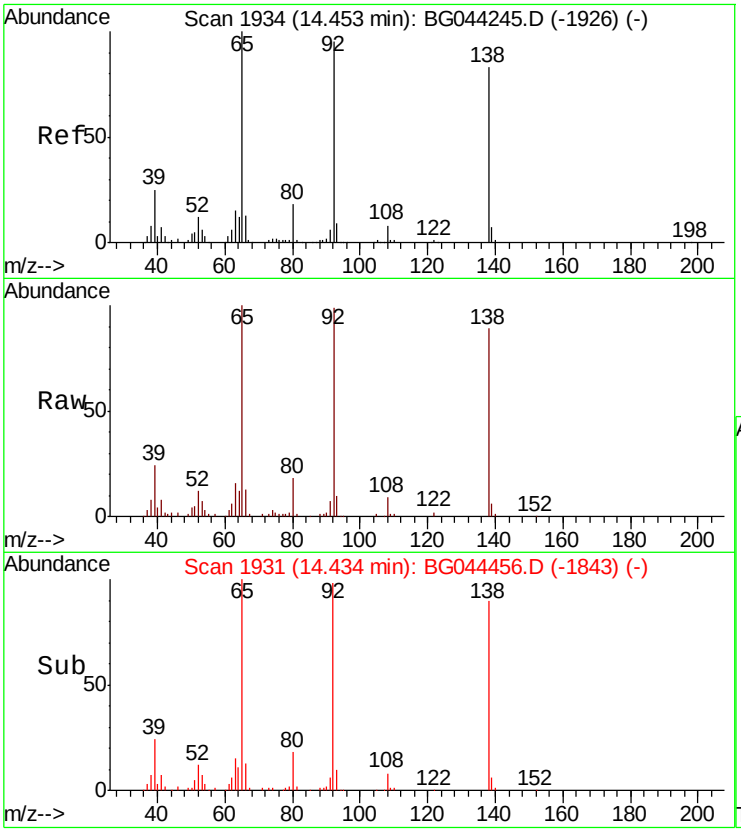




#52
Acenaphthene
Concen: 47.321 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:154 Resp: 498761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.4 | 87.9 | 131.9 |
| 152 | 54.1 | 43.1 | 64.7 |



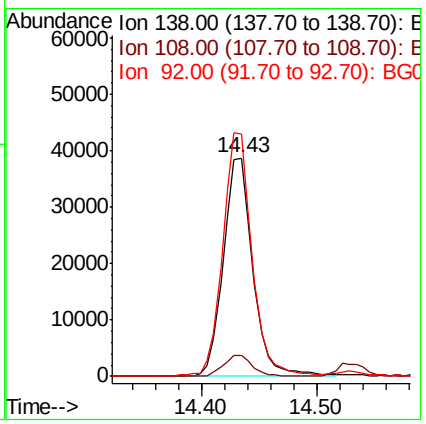


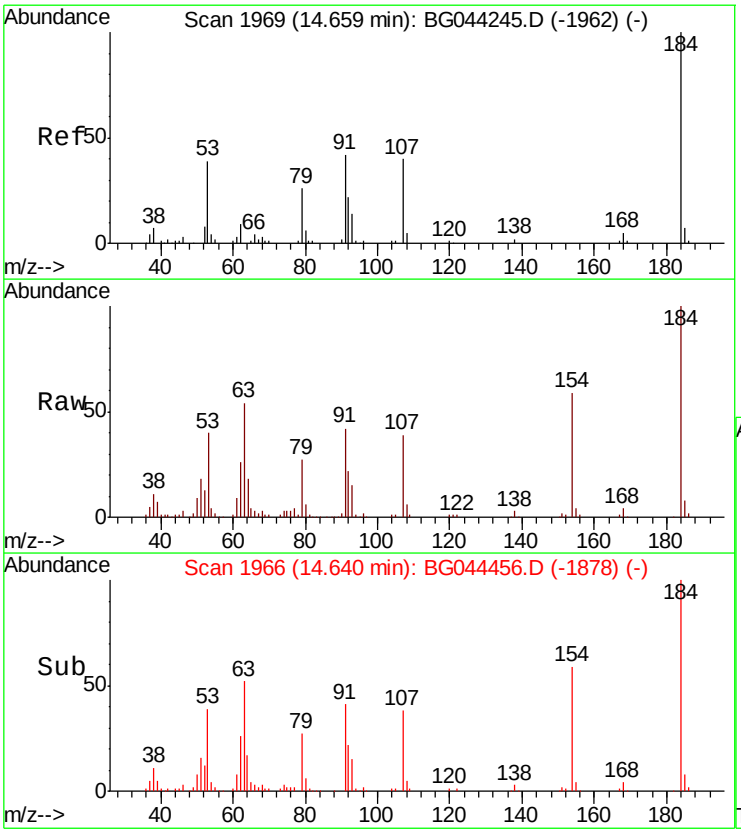

#53
3-Nitroaniline
Concen: 19.952 ng
RT: 14.43 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:138 Resp: 68335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.9 | 7.9 | 11.9 |
| 92 | 110.7 | 91.0 | 136.4 |

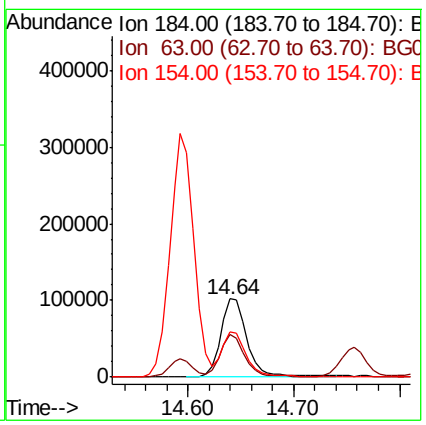


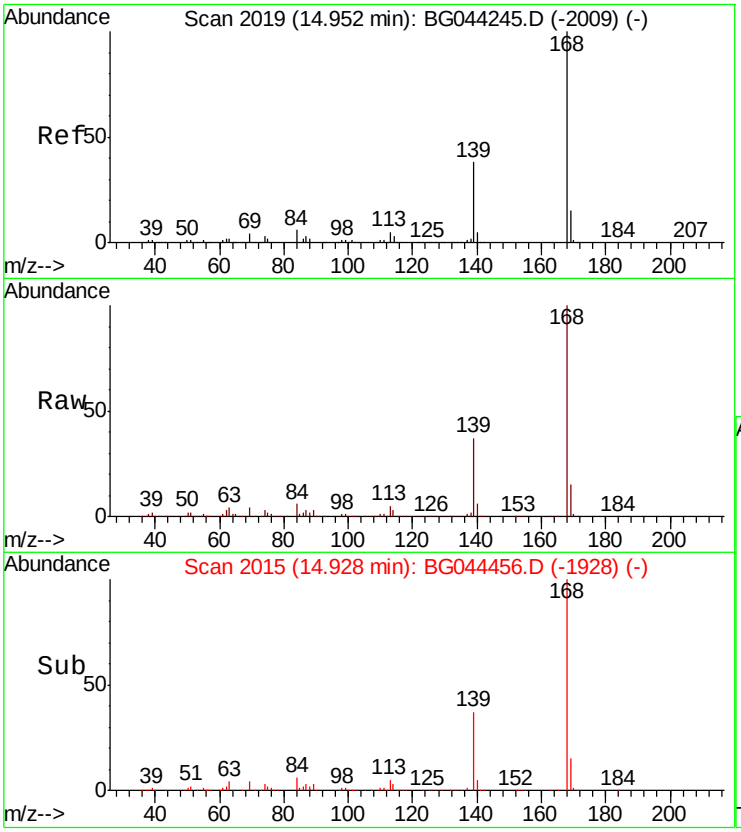




#54
2,4-Dinitrophenol
Concen: 94.992 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:184 Resp: 177146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 54.4 | 44.1 | 66.1 |
| 154 | 58.5 | 45.4 | 68.0 |



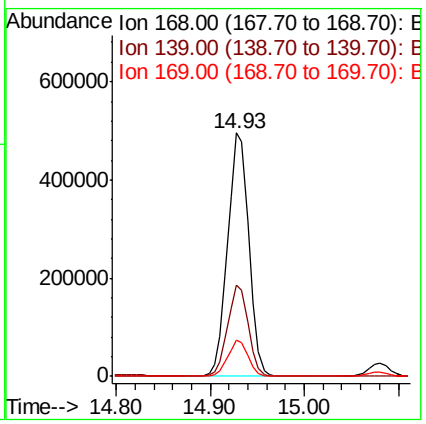


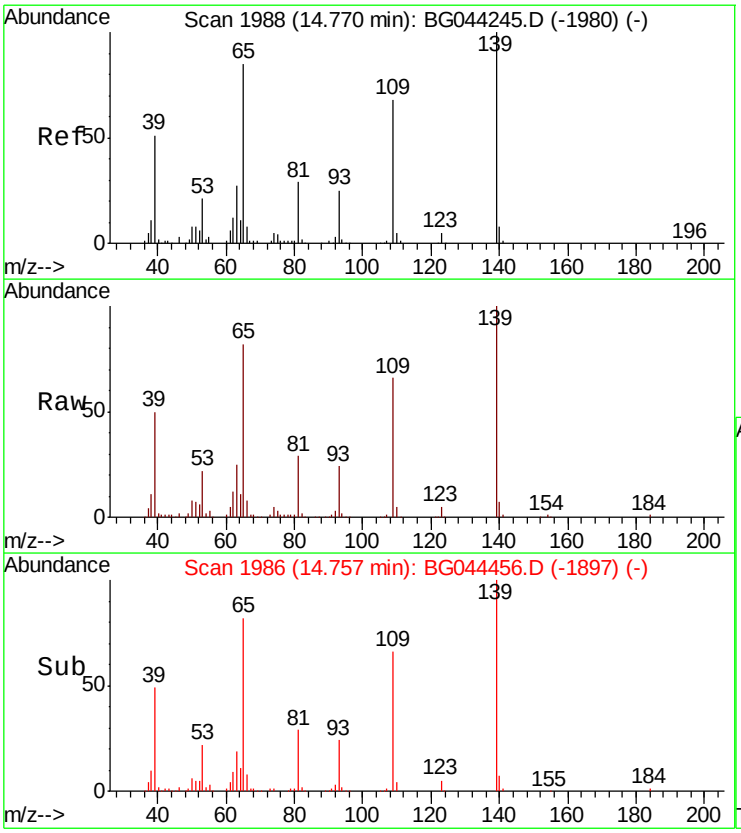

#55
Dibenzofuran
Concen: 48.366 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:168 Resp: 771814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.4 | 30.5 | 45.7 |
| 169 | 14.8 | 11.7 | 17.5 |

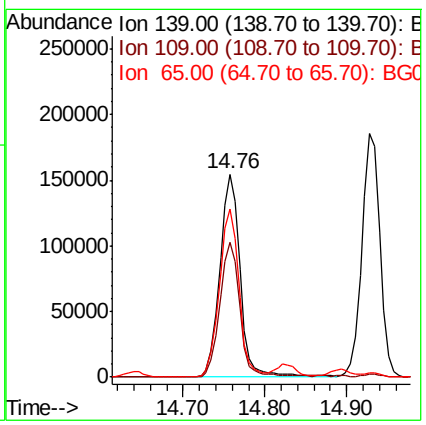


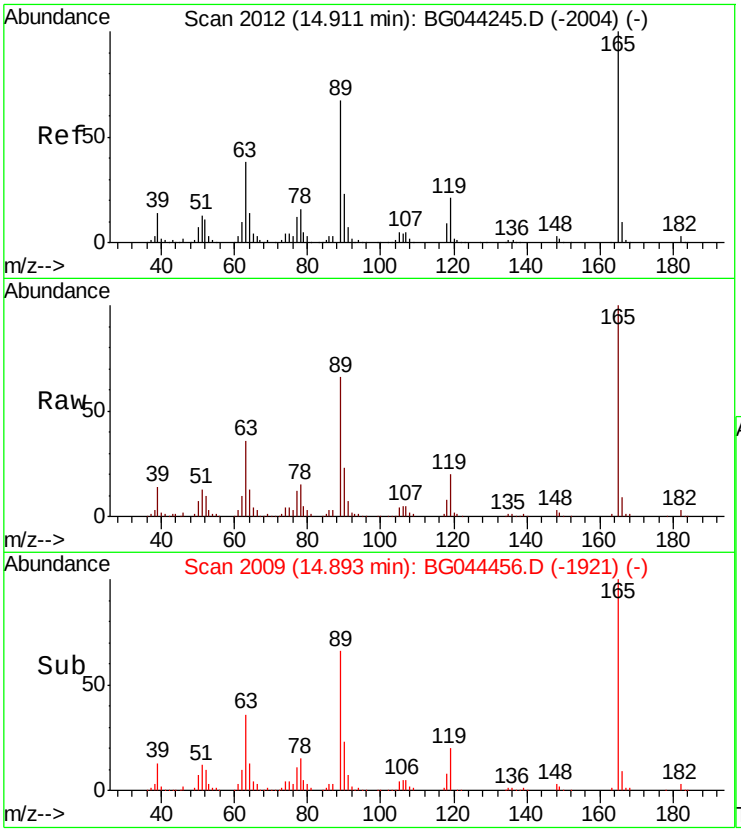




#56
4-Nitrophenol
Concen: 107.040 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:139 Resp: 268542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 66.1 | 47.5 | 87.5 |
| 65 | 82.5 | 64.9 | 104.9 |



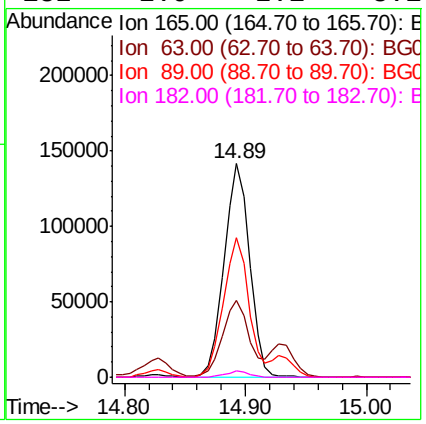


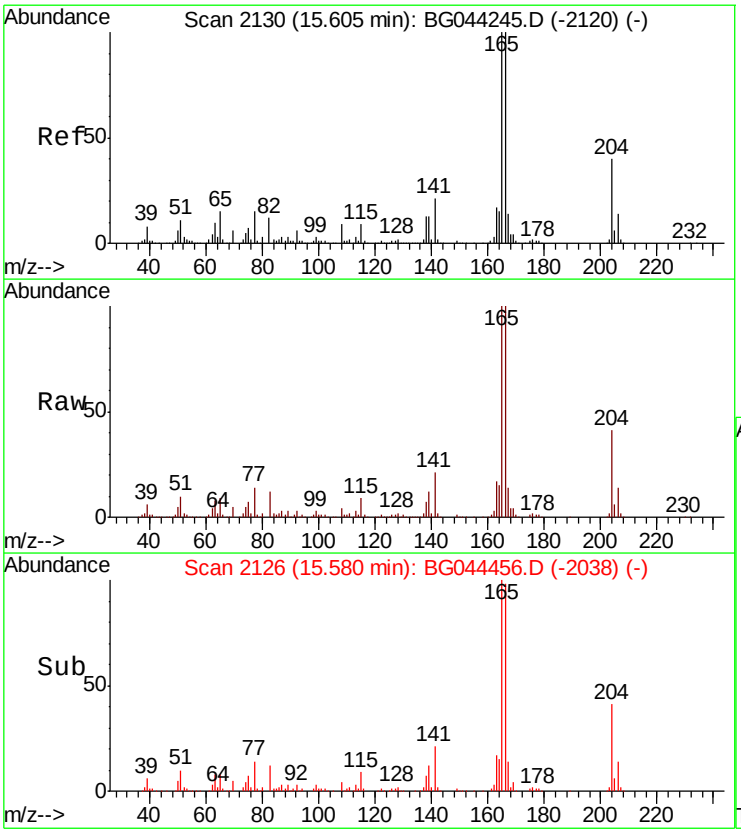

#57
2,4-Dinitrotoluene
Concen: 47.764 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:165 Resp: 207245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 35.8 | 30.3 | 45.5 |
| 89 | 65.5 | 53.4 | 80.2 |
| 182 | 2.9 | 2.1 | 3.1 |

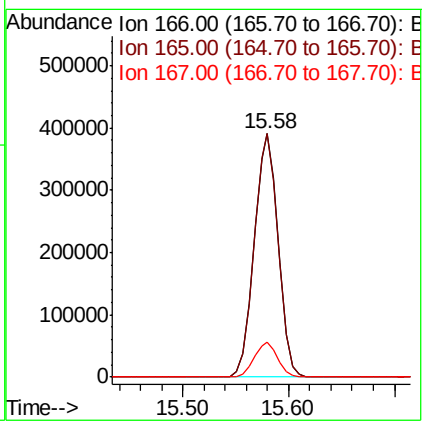


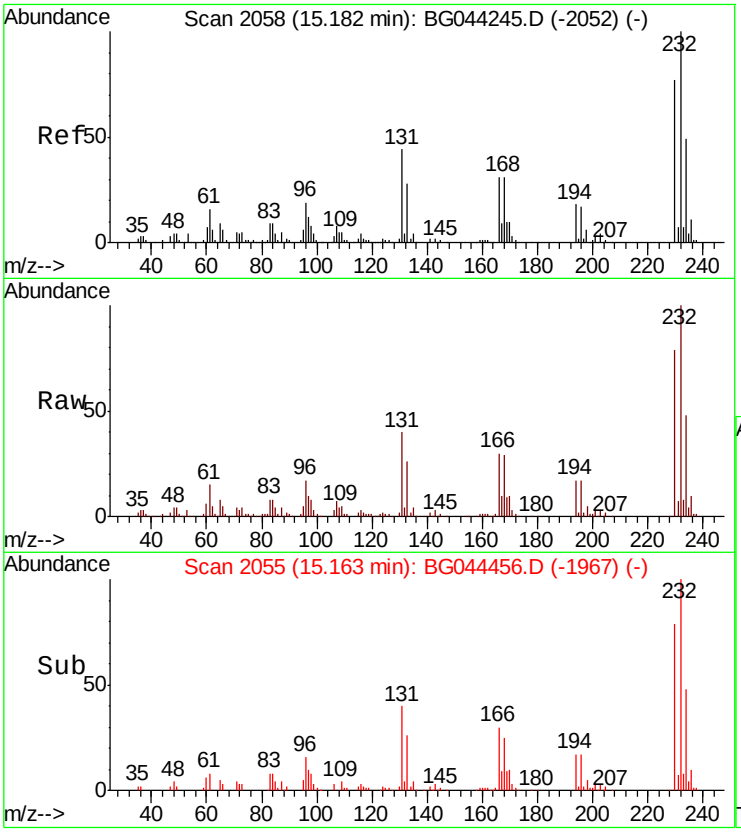




#58
Fluorene
Concen: 49.039 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:166 Resp: 616365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.9 | 79.9 | 119.9 |
| 167 | 14.2 | 11.4 | 17.0 |



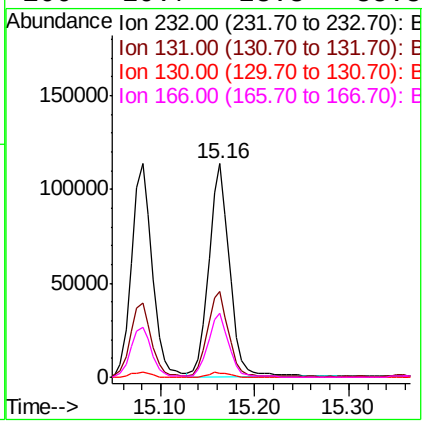


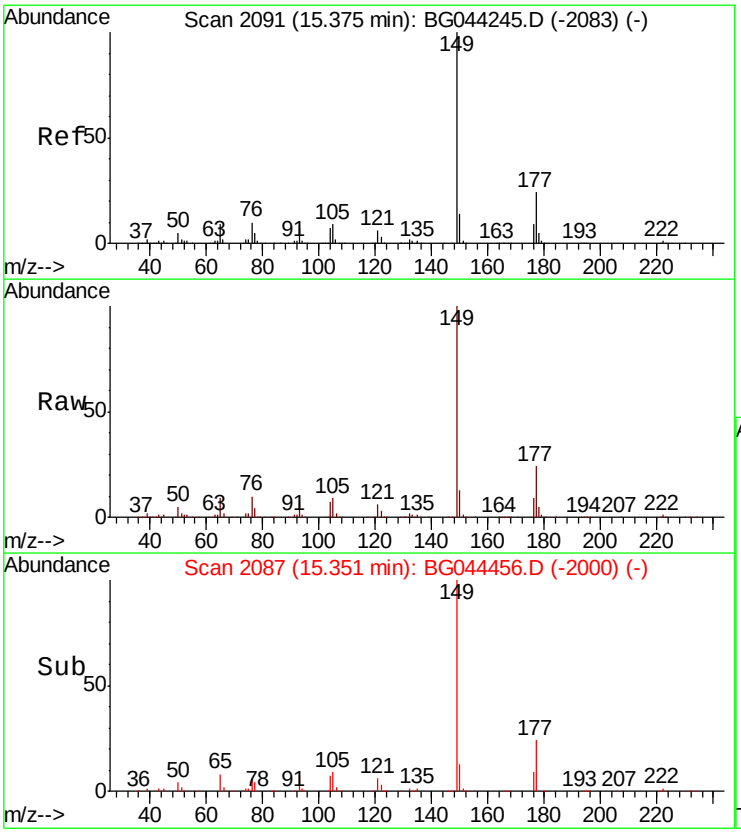

#59
2,3,4,6-Tetrachlorophenol
Concen: 51.226 ng
RT: 15.16 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:232 Resp: 176499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 40.8 | 34.2 | 51.4 |
| 130 | 2.3 | 1.8 | 2.8 |
| 166 | 29.7 | 23.8 | 35.8 |

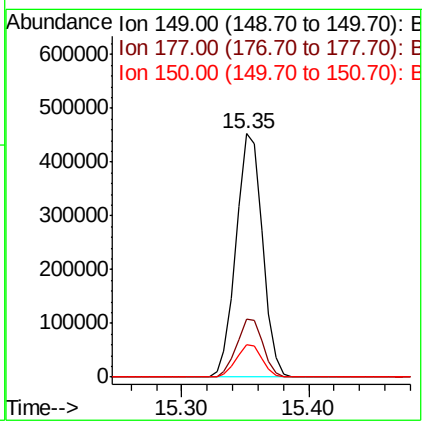


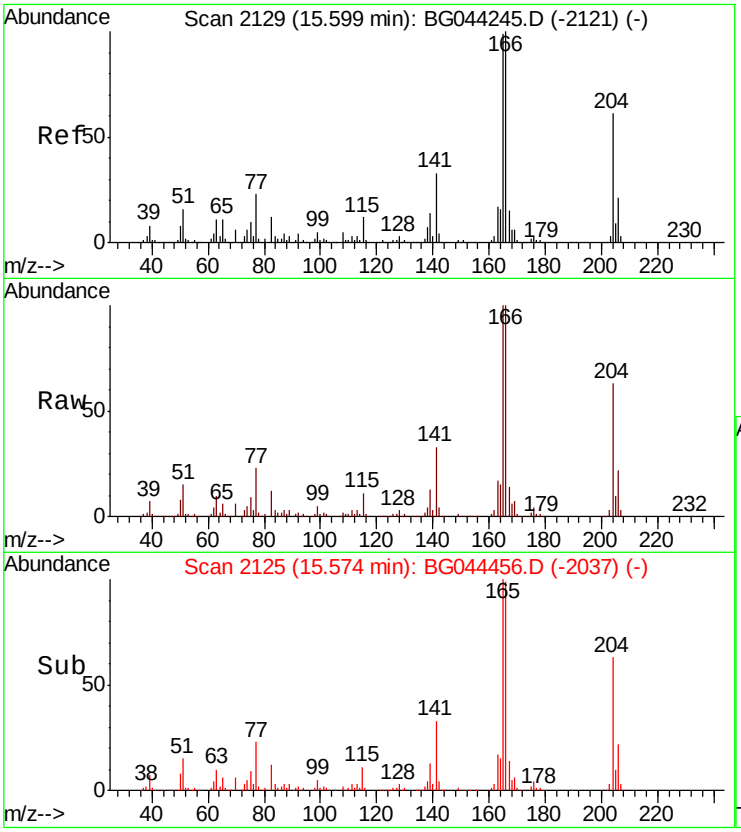




#60
Diethylphthalate
Concen: 47.013 ng
RT: 15.35 min Scan# 2087
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:149 Resp: 650408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.9 | 19.4 | 29.0 |
| 150 | 13.3 | 10.9 | 16.3 |



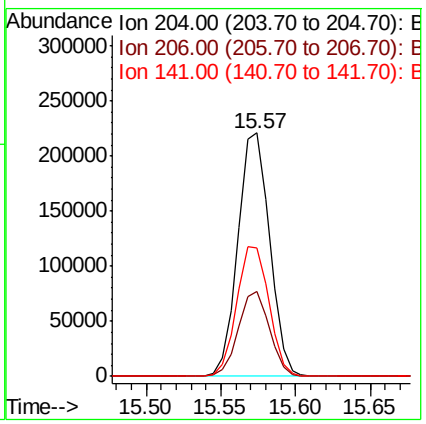


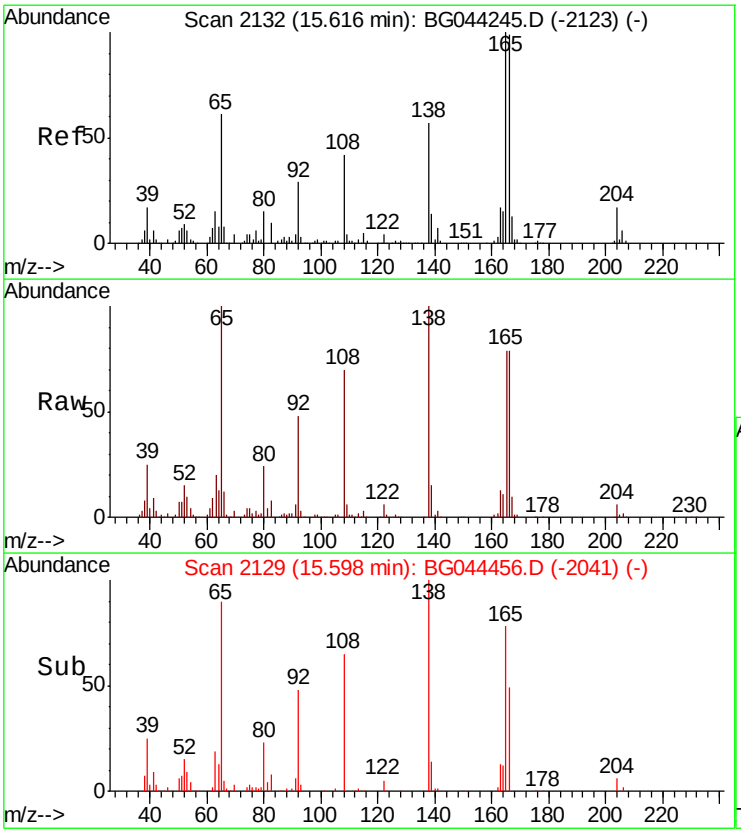

#61
4-Chlorophenyl-phenylether
Concen: 47.831 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:204 Resp: 325969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 34.9 | 27.6 | 41.4 |
| 141 | 53.0 | 43.4 | 65.0 |

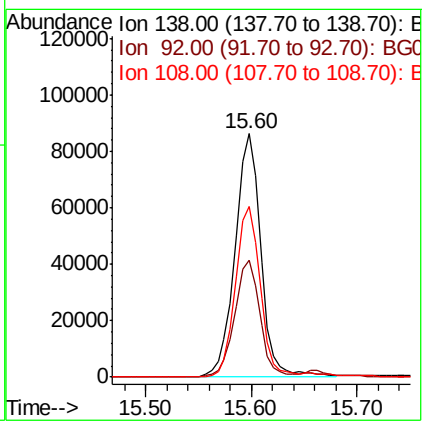


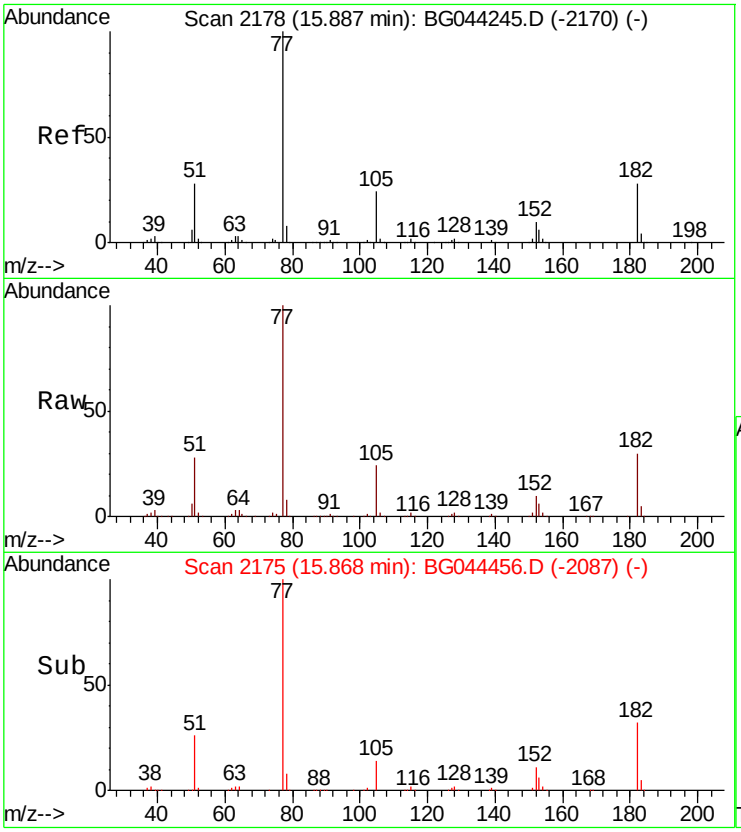




#62
4-Nitroaniline
Concen: 42.623 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:138 Resp: 145869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 48.0 | 31.3 | 71.3 |
| 108 | 69.9 | 52.6 | 92.6 |



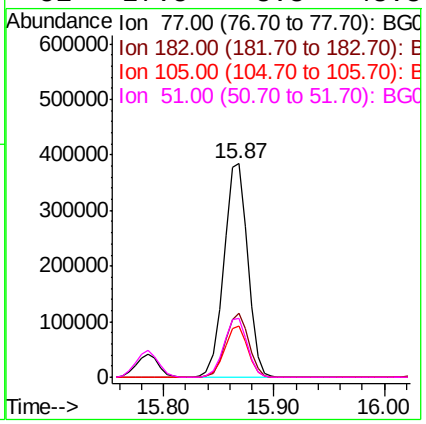


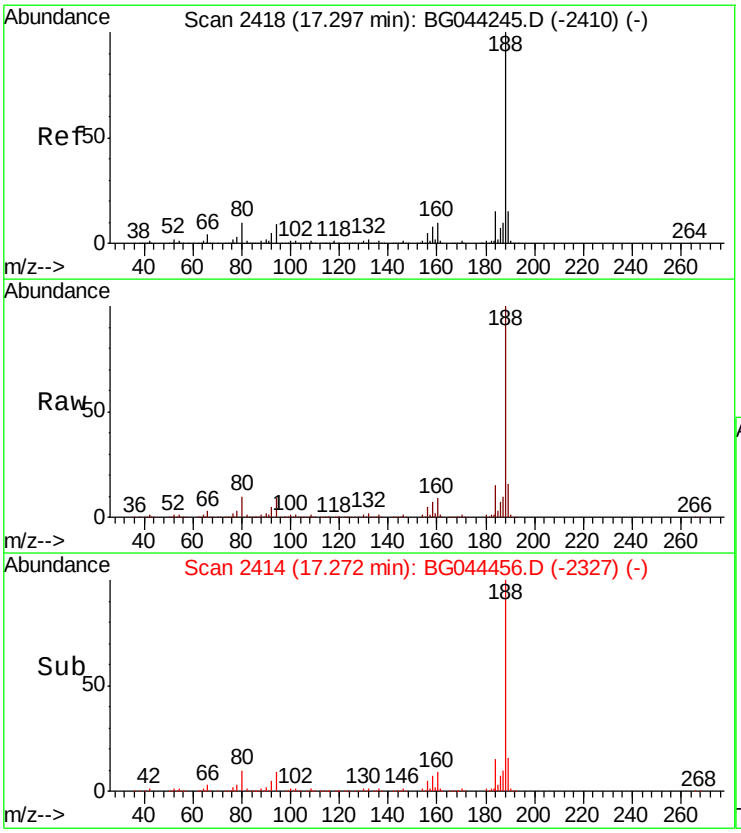

#63
Azobenzene
Concen: 47.672 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion: 77 Resp: 578033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 30.0 | 8.2 | 48.2 |
| 105 | 23.8 | 3.6 | 43.6 |
| 51 | 27.5 | 8.3 | 48.3 |

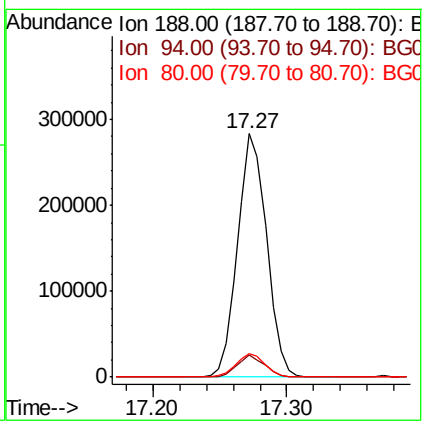


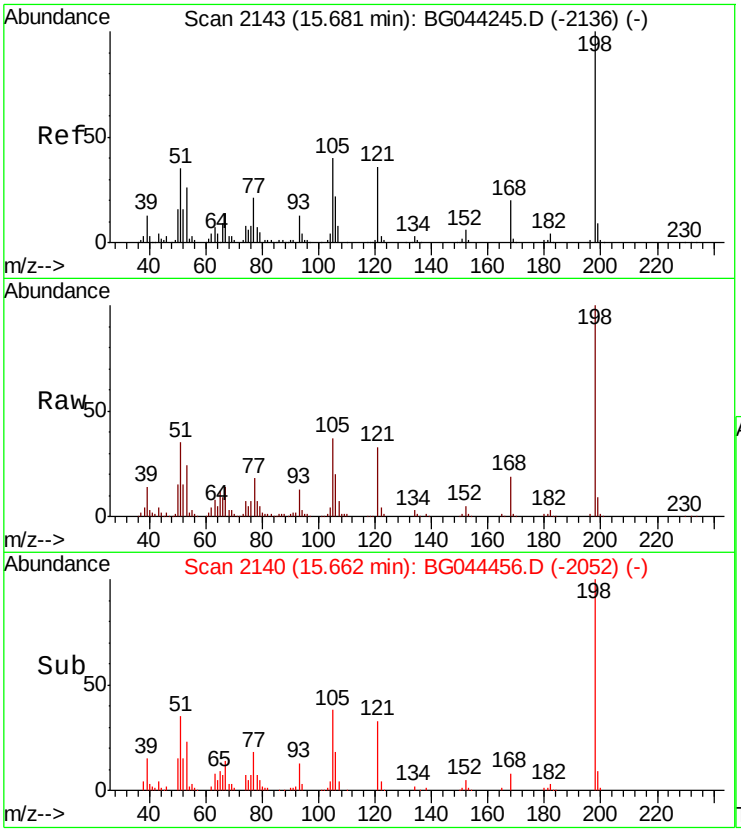




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2414
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:188 Resp: 425281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.9 | 7.4 | 11.2 |
| 80 | 9.7 | 7.7 | 11.5 |



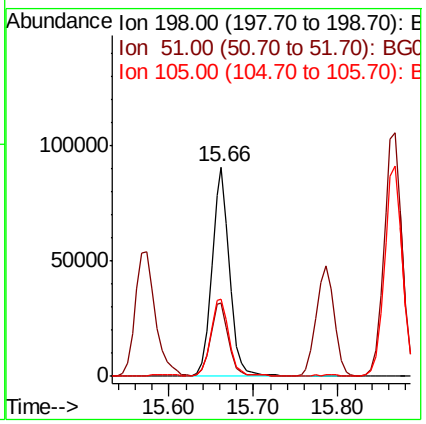


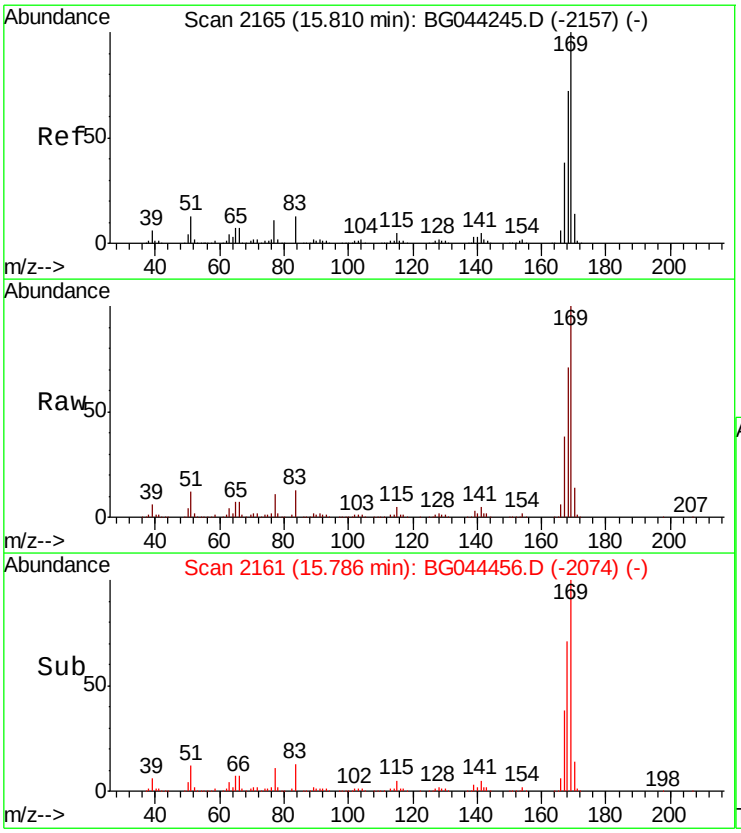

#65
4,6-Dinitro-2-methylphenol
Concen: 56.793 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:198 Resp: 133324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 34.8 | 16.6 | 56.6 |
| 105 | 36.9 | 20.6 | 60.6 |

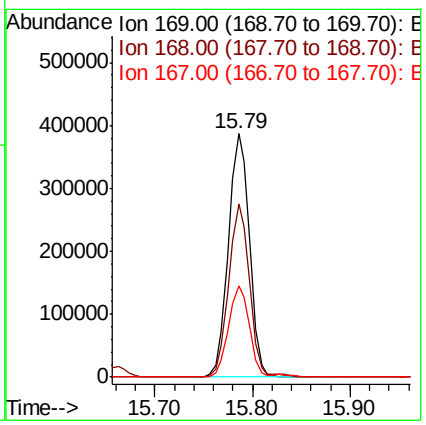


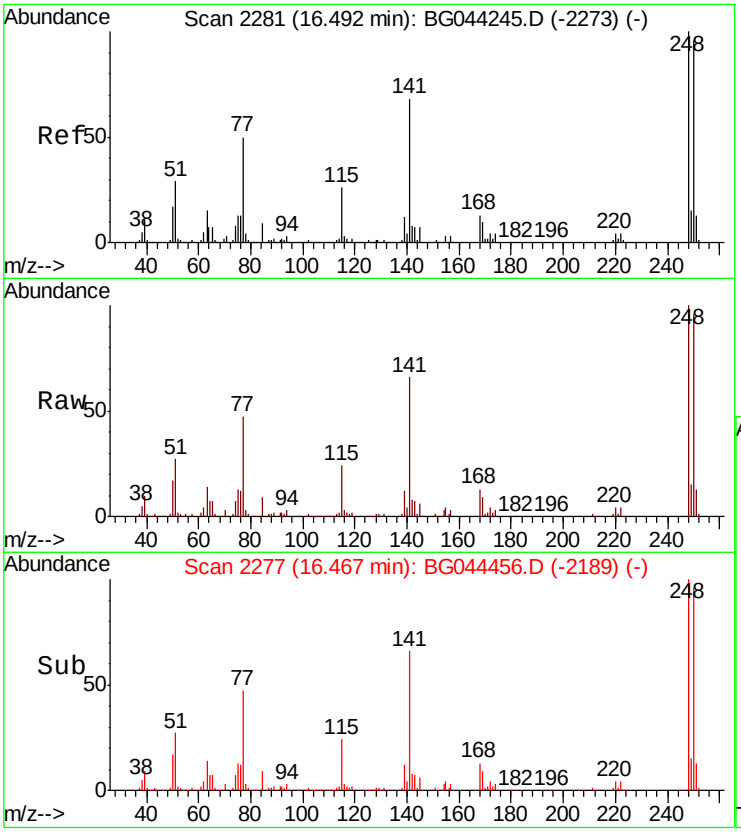




#66
n-Nitrosodiphenylamine
Concen: 48.289 ng
RT: 15.79 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:169 Resp: 575523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 71.3 | 57.9 | 86.9 |
| 167 | 37.5 | 30.7 | 46.1 |



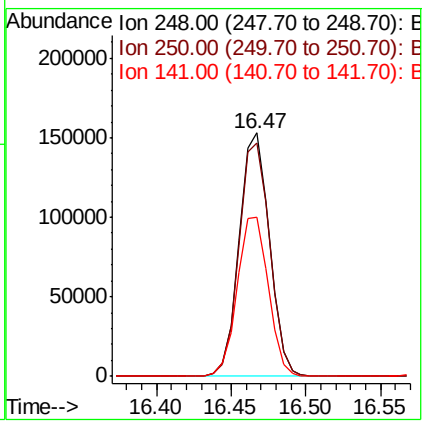


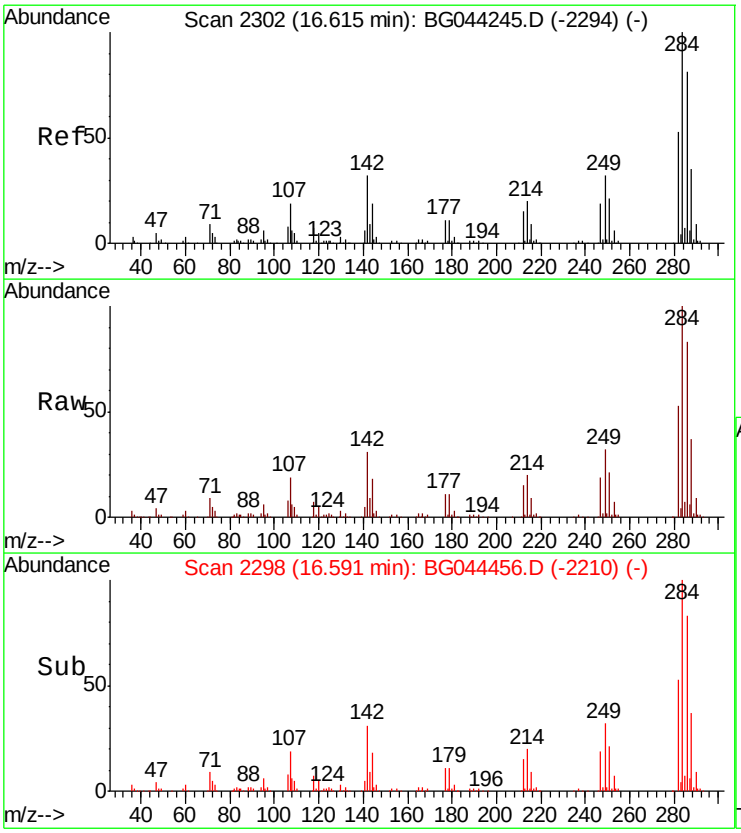

#67
4-Bromophenyl-phenylether
Concen: 46.372 ng
RT: 16.47 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:248 Resp: 214859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.0 | 76.6 | 114.8 |
| 141 | 65.5 | 54.7 | 82.1 |

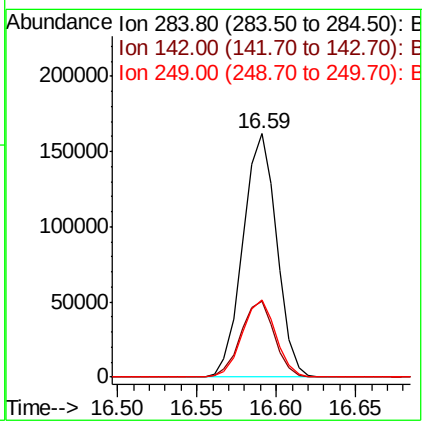


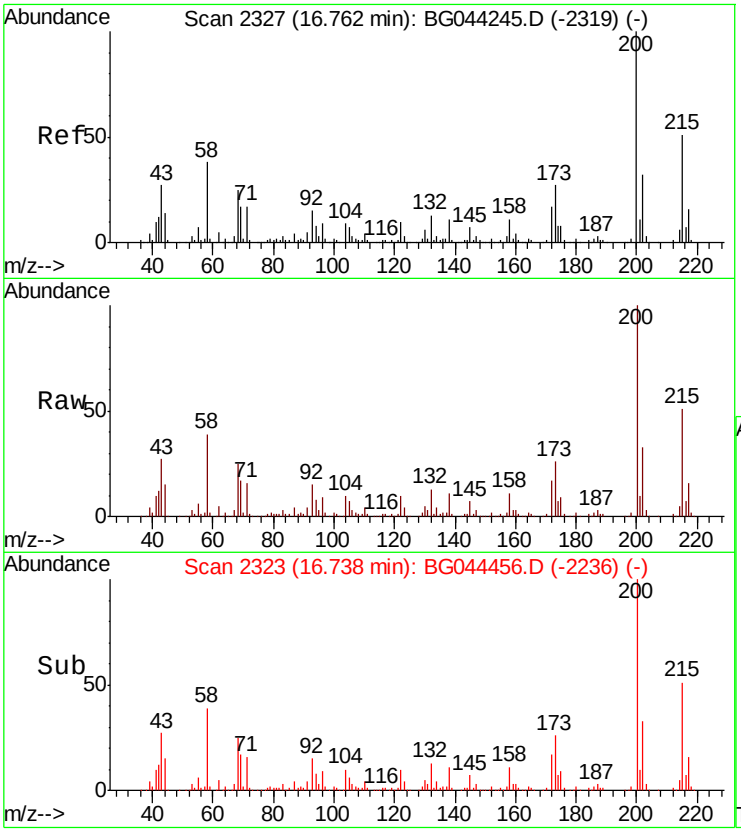




#68
Hexachlorobenzene
Concen: 46.184 ng
RT: 16.59 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:284 Resp: 239737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 31.0 | 25.3 | 37.9 |
| 249 | 31.8 | 25.5 | 38.3 |



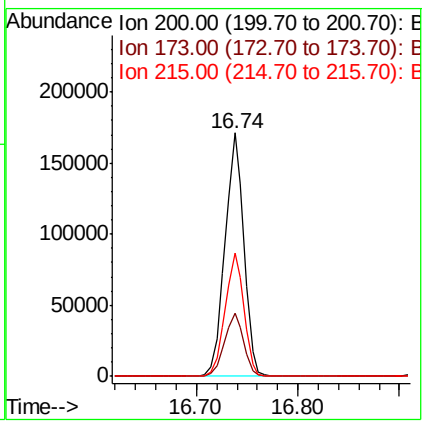


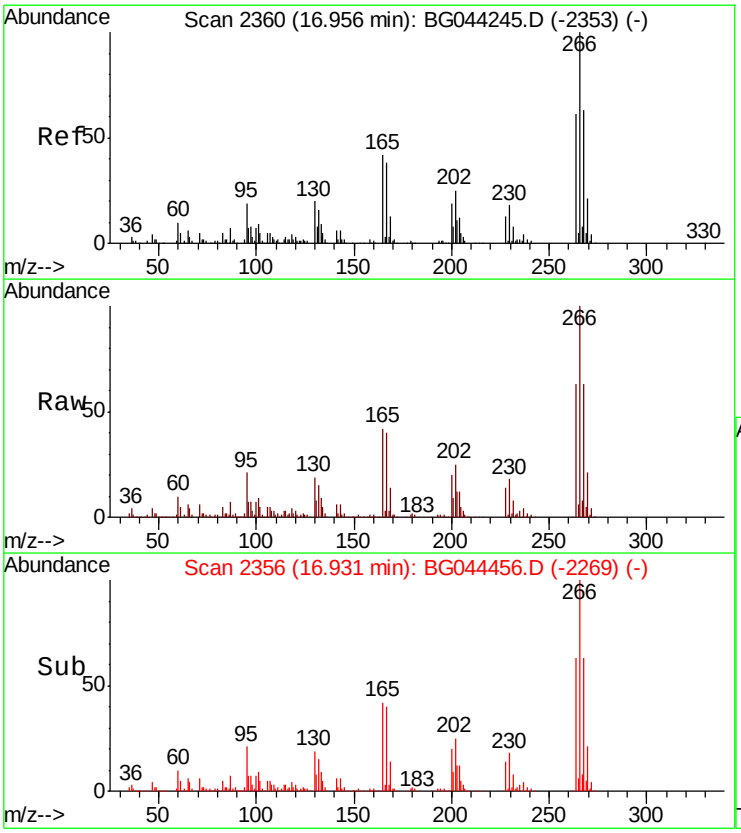

#69
Atrazine
Concen: 54.087 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:200 Resp: 220947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 25.7 | 6.6 | 46.6 |
| 215 | 50.8 | 31.0 | 71.0 |

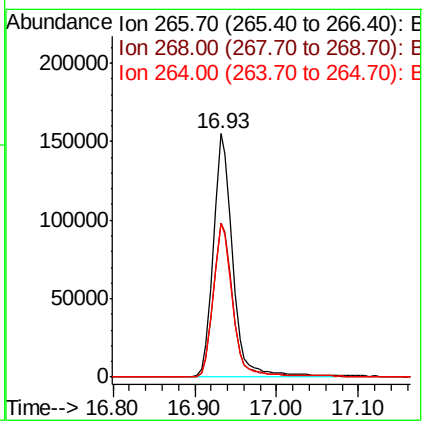


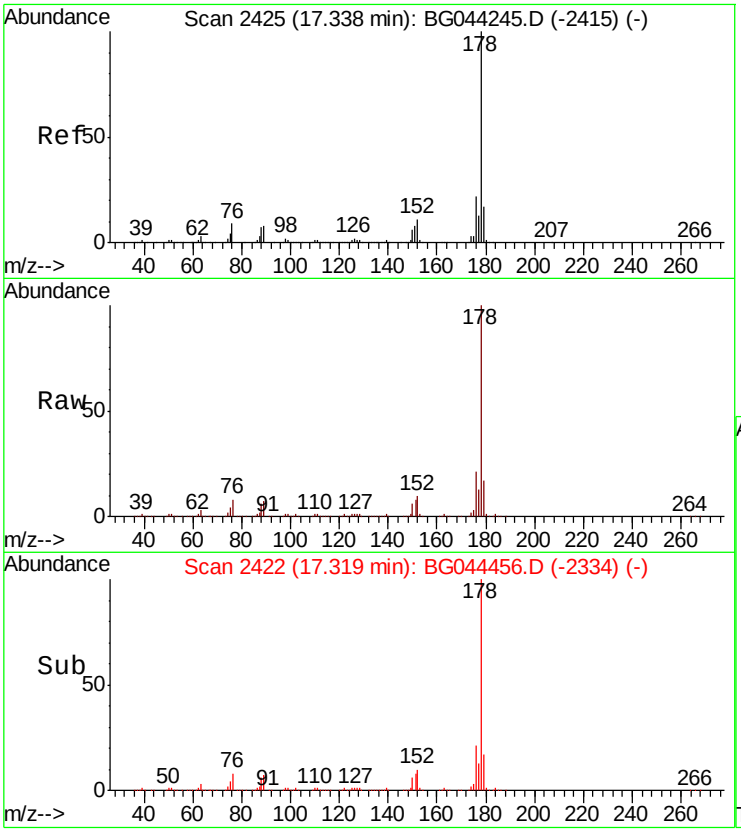




#70
Pentachlorophenol
Concen: 97.554 ng
RT: 16.93 min Scan# 2356
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:266 Resp: 257961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.5 | 50.6 | 75.8 |
| 264 | 63.1 | 48.7 | 73.1 |



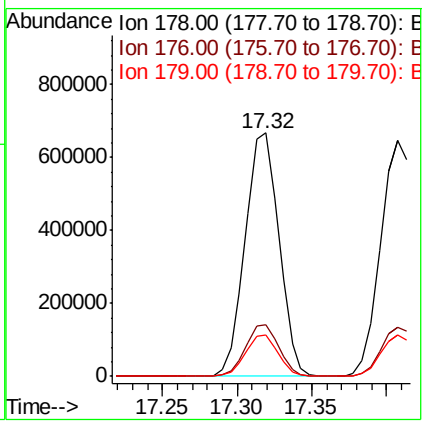


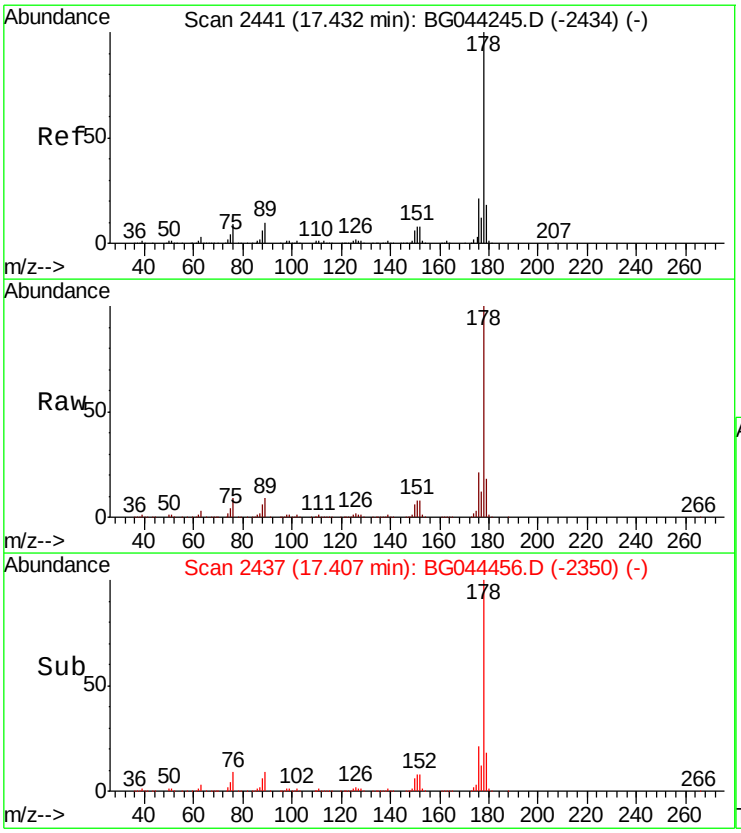

#71
Phenanthrene
Concen: 50.694 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:178 Resp: 1043969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 21.2 | 17.7 | 26.5 |
| 179 | 17.1 | 13.7 | 20.5 |

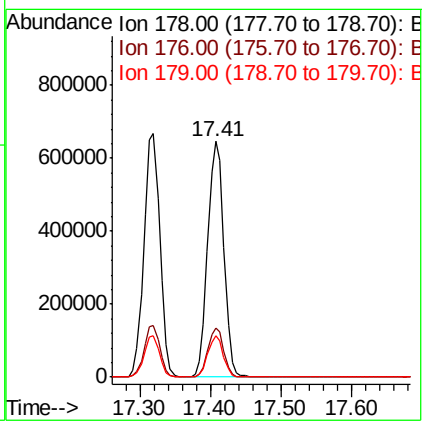


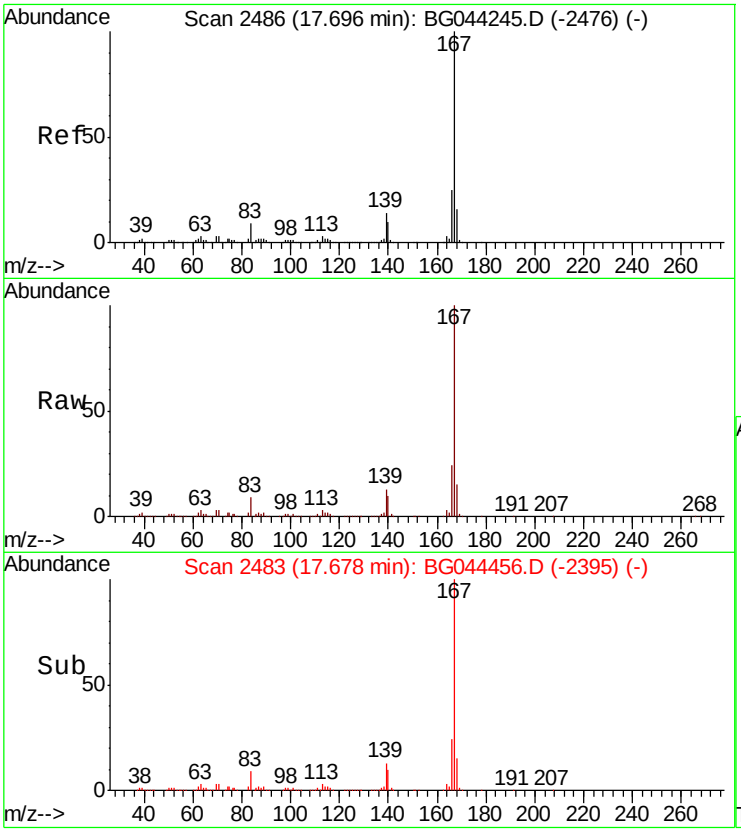




#72
Anthracene
Concen: 50.513 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:178 Resp: 1028439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 21.0 | 17.0 | 25.4 |
| 179 | 17.6 | 14.4 | 21.6 |



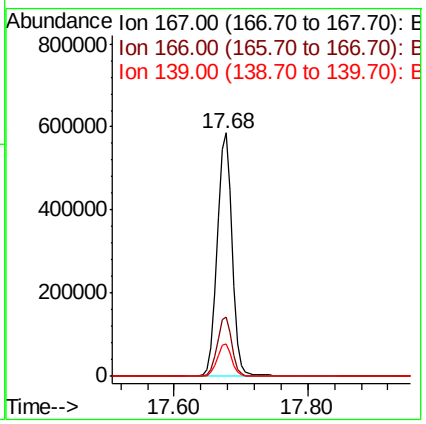


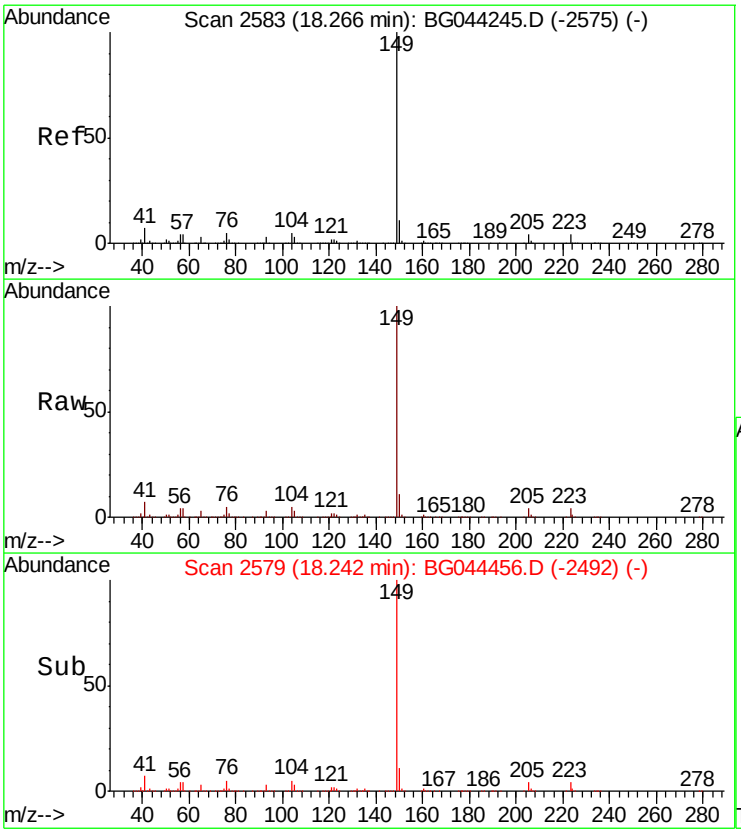

#73
Carbazole
Concen: 49.193 ng
RT: 17.68 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:167 Resp: 923326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 24.5 | 19.8 | 29.6 |
| 139 | 13.4 | 11.1 | 16.7 |

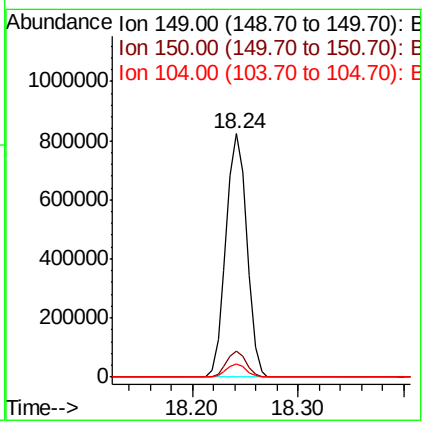


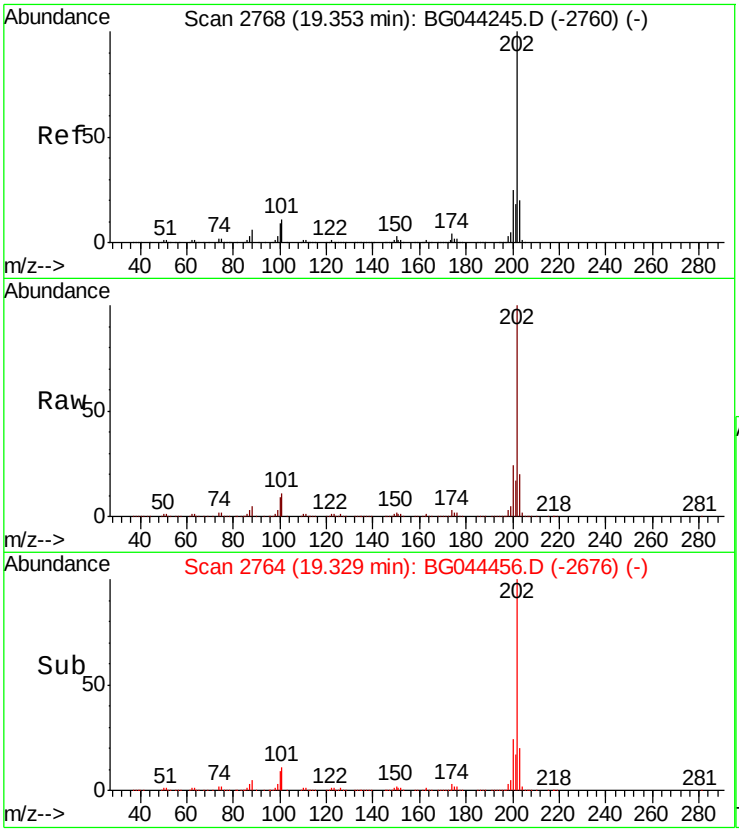




#74
Di-n-butylphthalate
Concen: 48.509 ng
RT: 18.24 min Scan# 2579
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:149 Resp: 1125151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 10.5 | 8.7 | 13.1 |
| 104 | 5.3 | 4.3 | 6.5 |



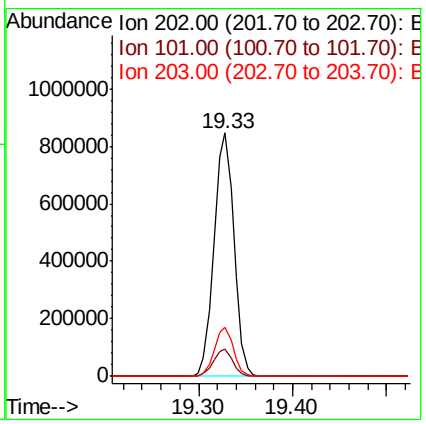


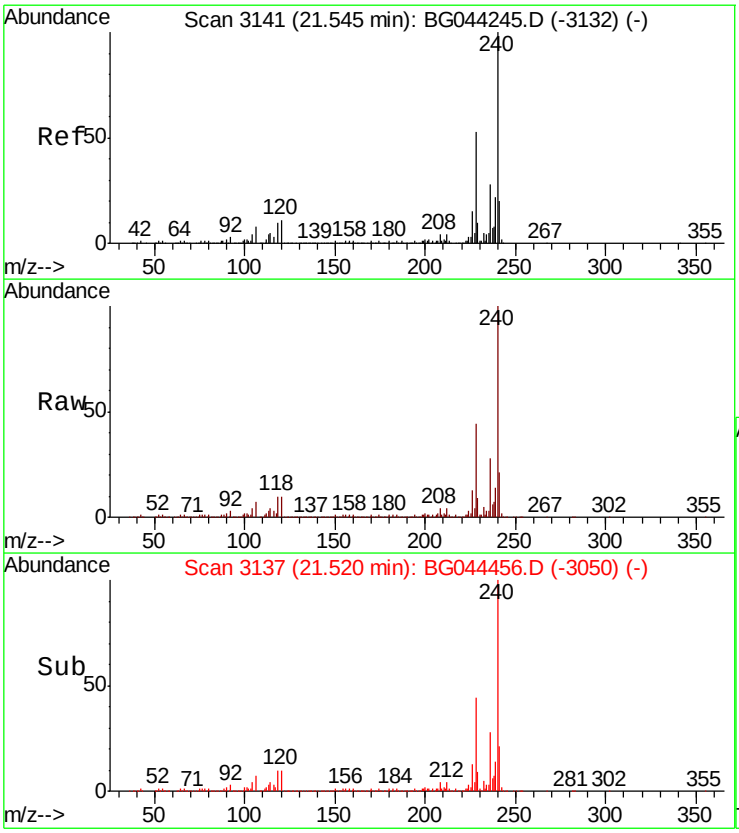

#75
Fluoranthene
Concen: 52.811 ng
RT: 19.33 min Scan# 2764
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:202 Resp: 1258116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.1 | 0.0 | 31.3 |
| 203 | 20.1 | 0.0 | 39.9 |

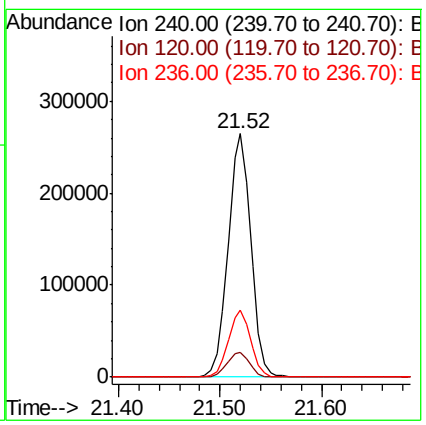


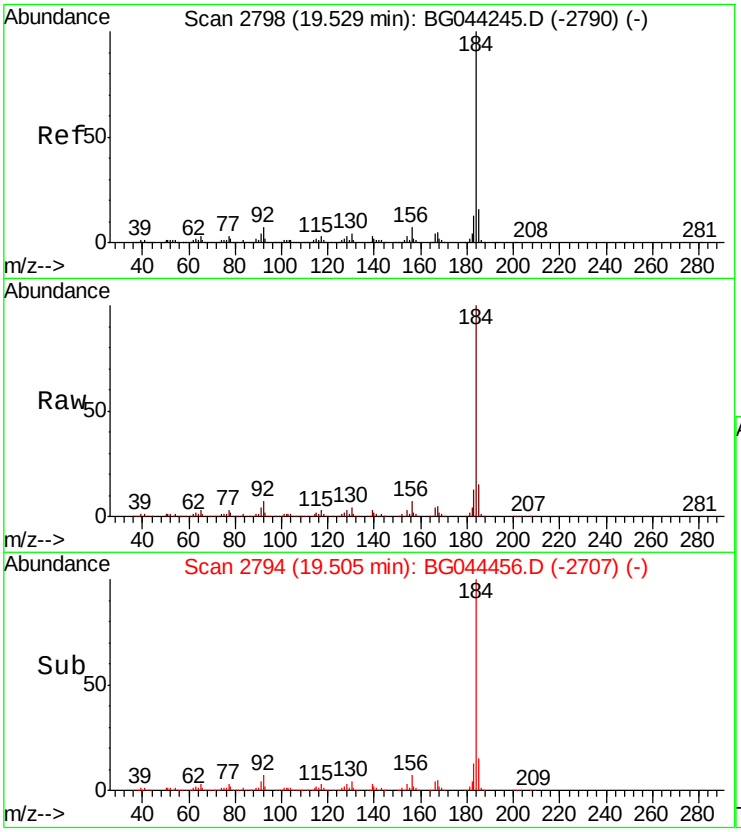




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3137
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:240 Resp: 410636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.3 | 8.4 | 12.6 |
| 236 | 27.7 | 22.1 | 33.1 |



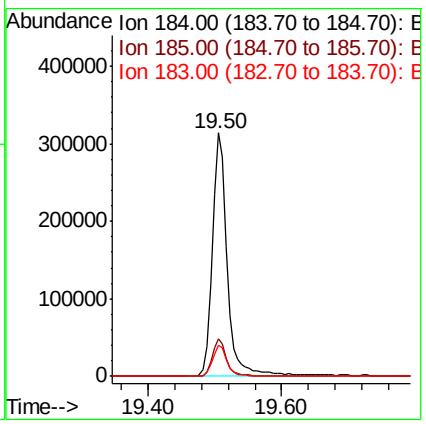


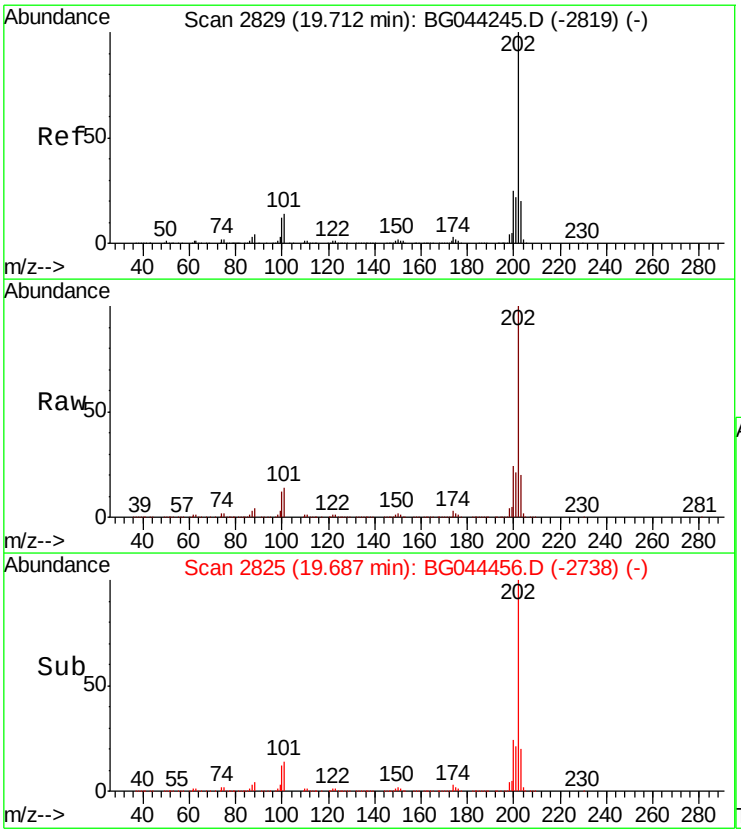

#77
Benzidine
Concen: 43.867 ng
RT: 19.50 min Scan# 2794
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:184 Resp: 499651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.3 | 12.9 | 19.3 |
| 183 | 12.9 | 10.8 | 16.2 |

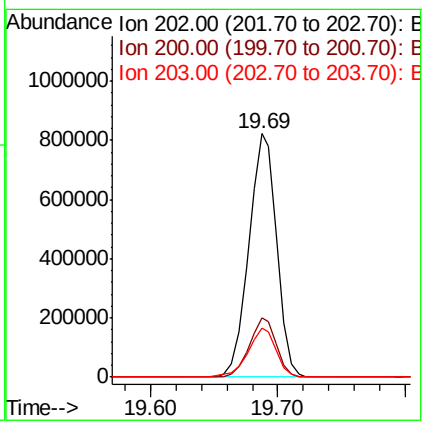


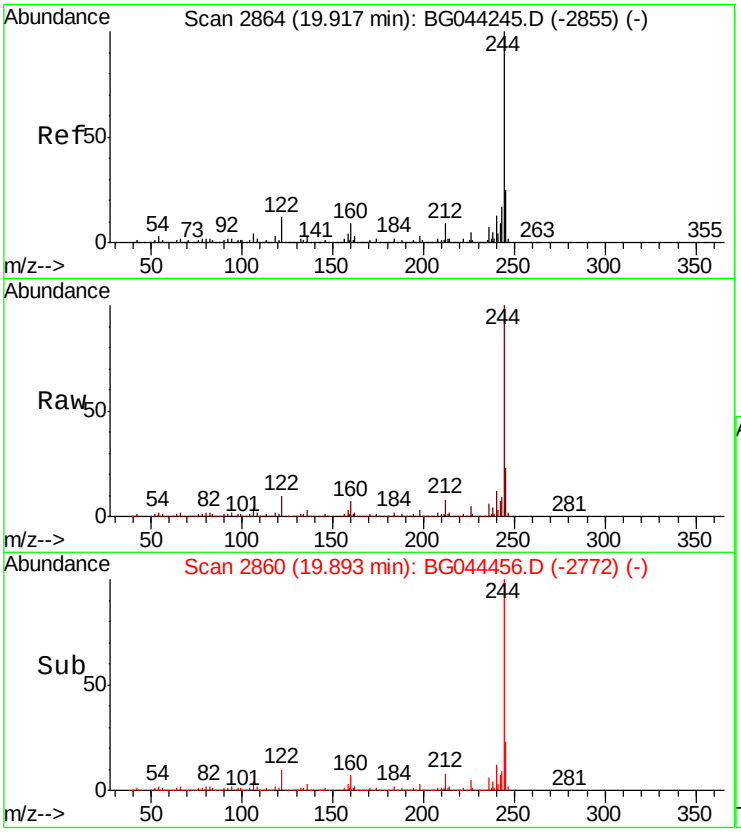




#78
Pyrene
Concen: 47.485 ng
RT: 19.69 min Scan# 2825
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:202 Resp: 1252229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 24.1 | 20.0 | 30.0 |
| 203 | 20.3 | 16.2 | 24.2 |



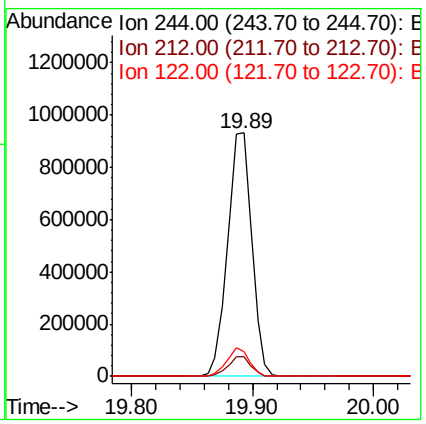


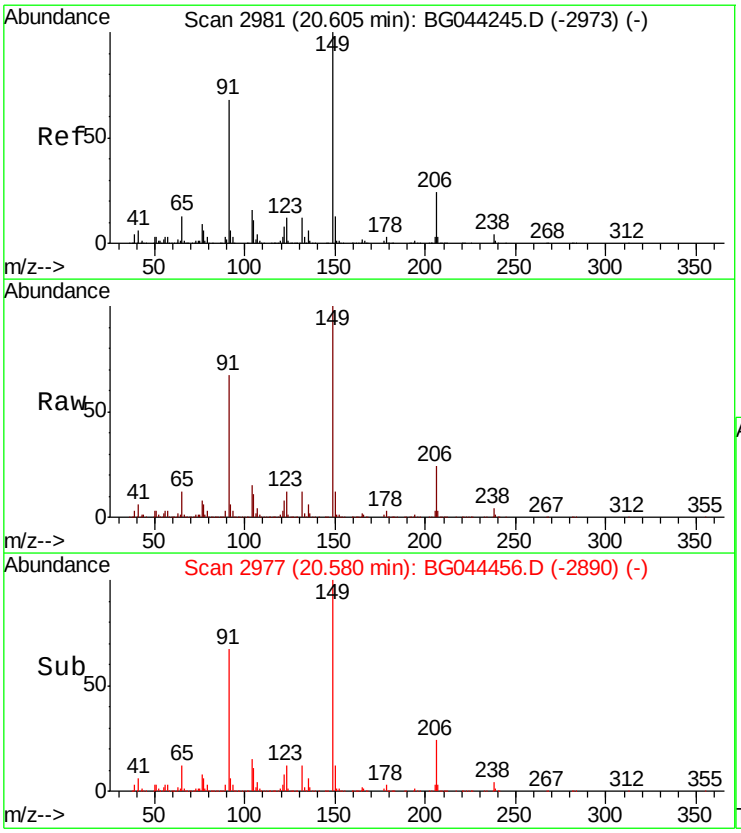

#79
Terphenyl-d14
Concen: 65.411 ng
RT: 19.89 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:244 Resp: 1305863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.9 | 7.4 | 11.2 |
| 122 | 10.1 | 9.8 | 14.6 |

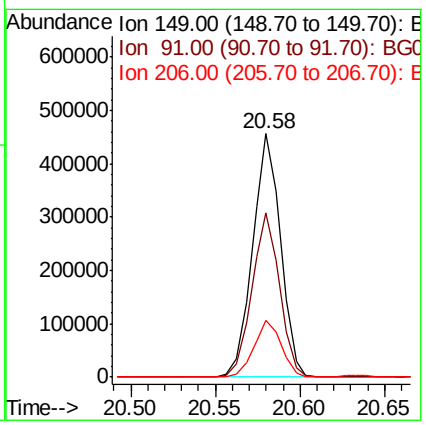


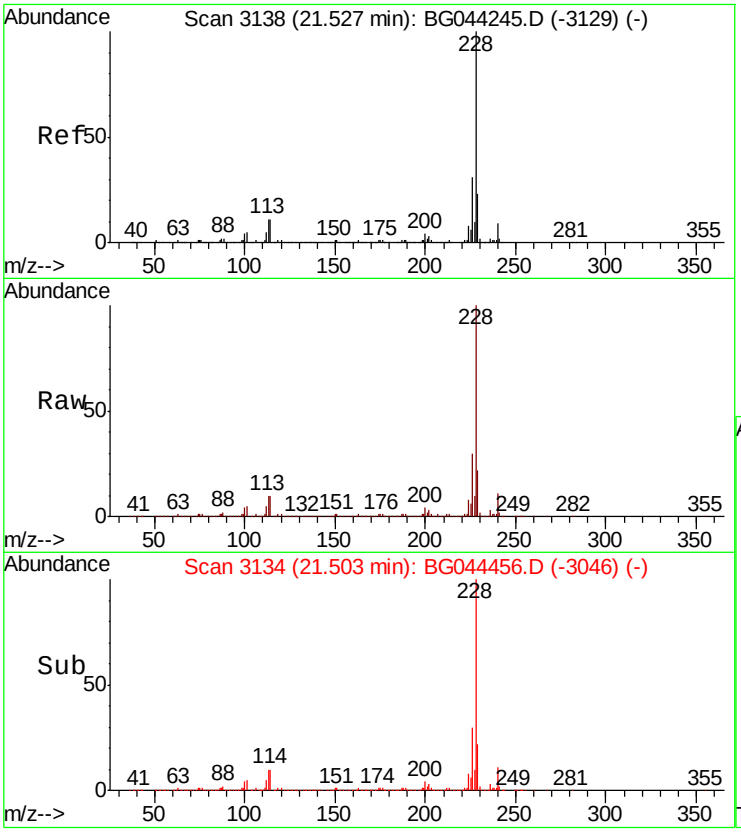




#80
Butylbenzylphthalate
Concen: 43.558 ng
RT: 20.58 min Scan# 2977
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:149 Resp: 523467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 67.3 | 54.5 | 81.7 |
| 206 | 23.6 | 19.1 | 28.7 |



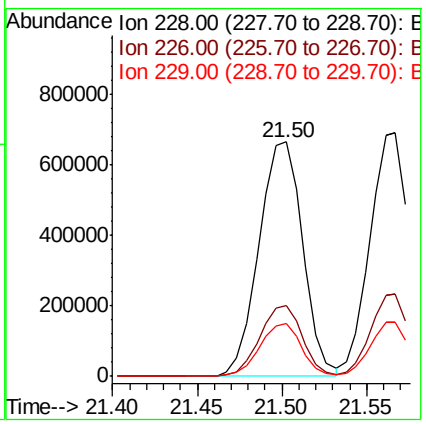


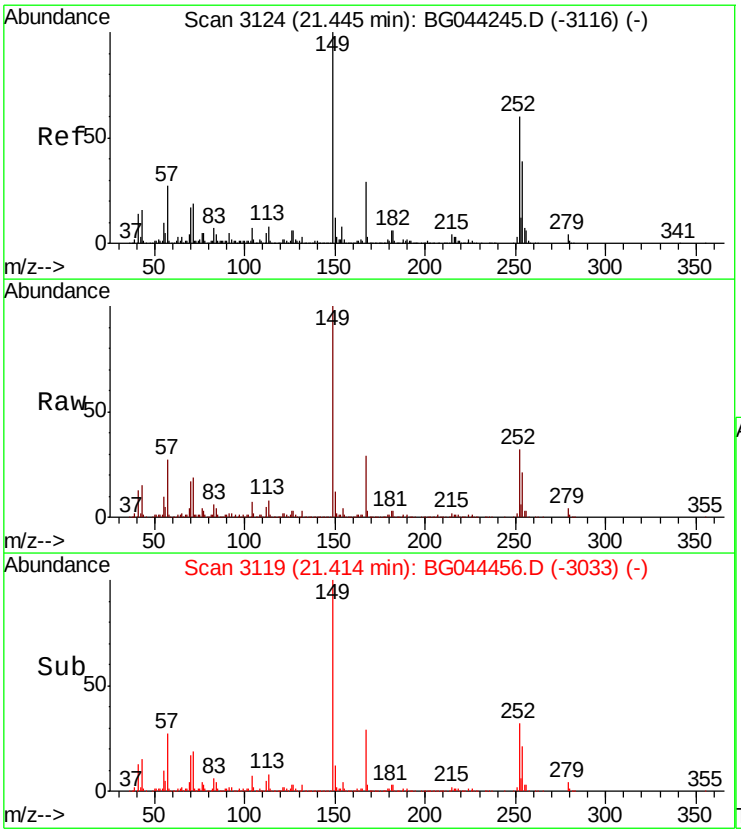

#81
Benzo(a)anthracene
Concen: 47.329 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:228 Resp: 1197799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.2 | 24.7 | 37.1 |
| 229 | 22.3 | 18.2 | 27.4 |

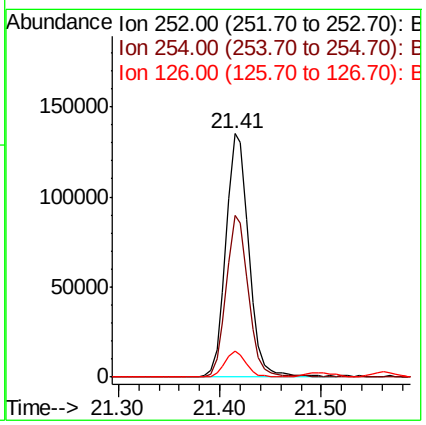


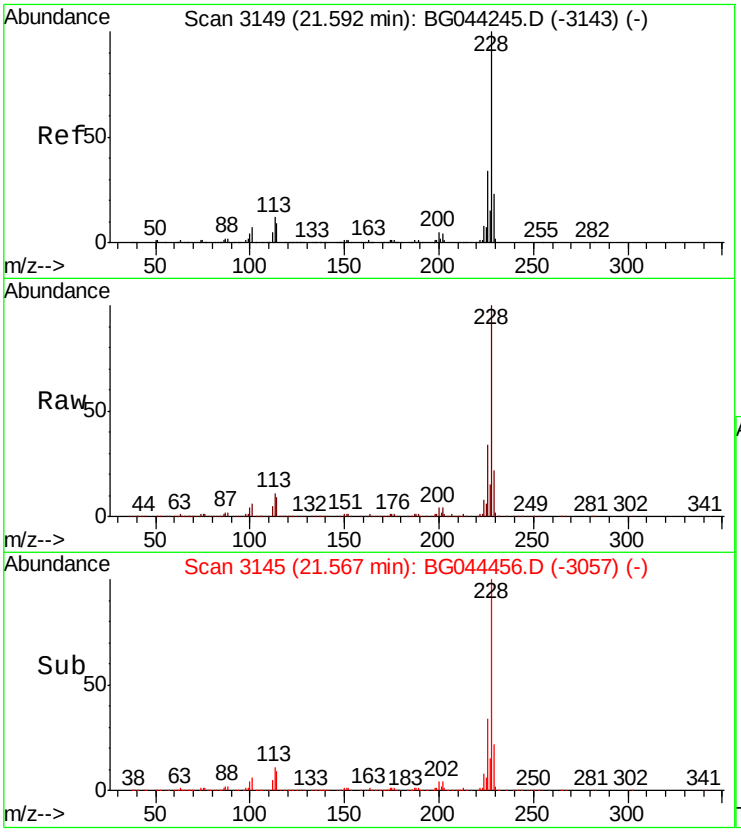




#82
3,3'-Dichlorobenzidine
Concen: 21.554 ng
RT: 21.41 min Scan# 3119
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:252 Resp: 211713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 66.6 | 52.6 | 78.8 |
| 126 | 10.6 | 8.2 | 12.4 |



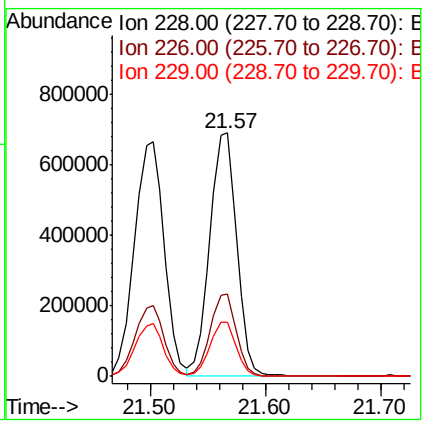


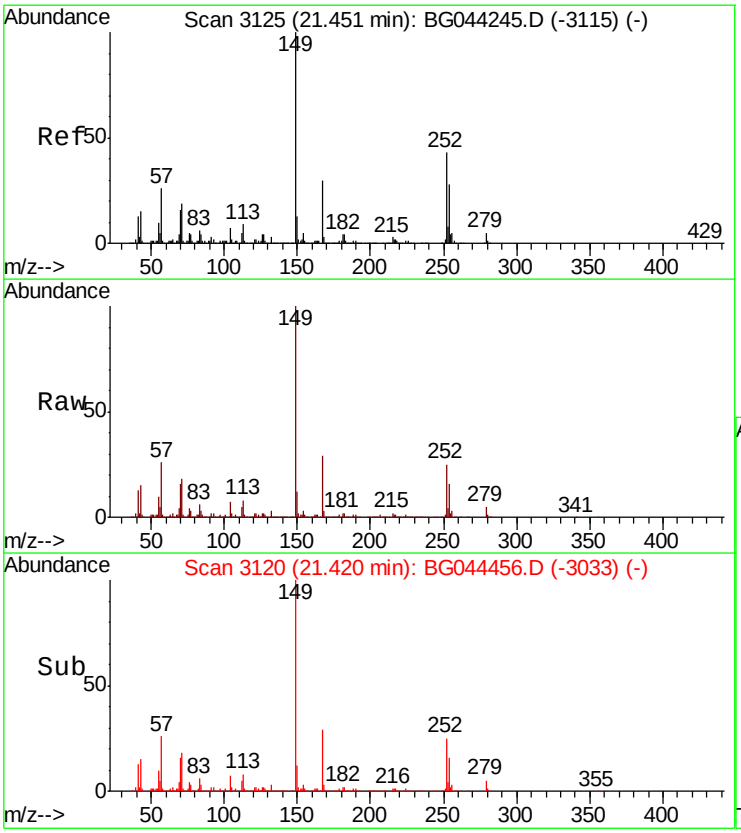

#83
Chrysene
Concen: 45.842 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:228 Resp: 1121402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 33.9 | 27.1 | 40.7 |
| 229 | 22.4 | 17.9 | 26.9 |

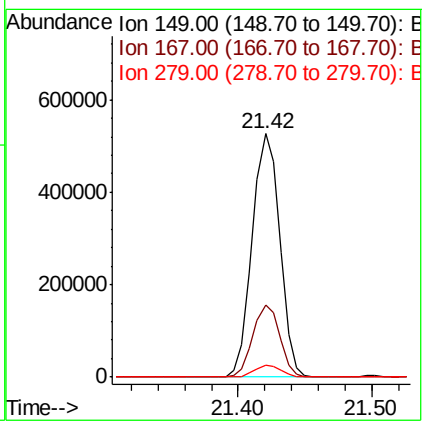


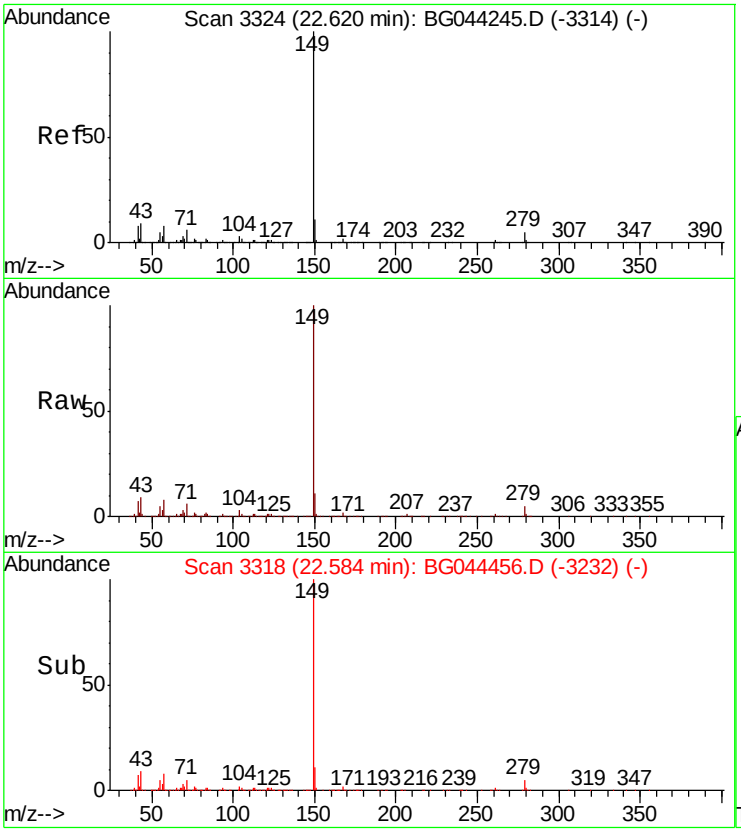




#84
Bis(2-ethylhexyl)phthalate
Concen: 45.175 ng
RT: 21.42 min Scan# 3120
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:149 Resp: 747256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 29.4 | 24.0 | 36.0 |
| 279 | 4.8 | 3.8 | 5.8 |



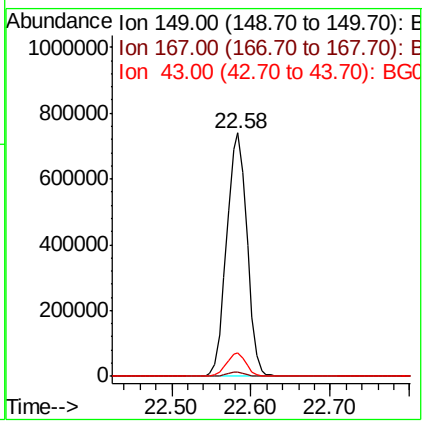


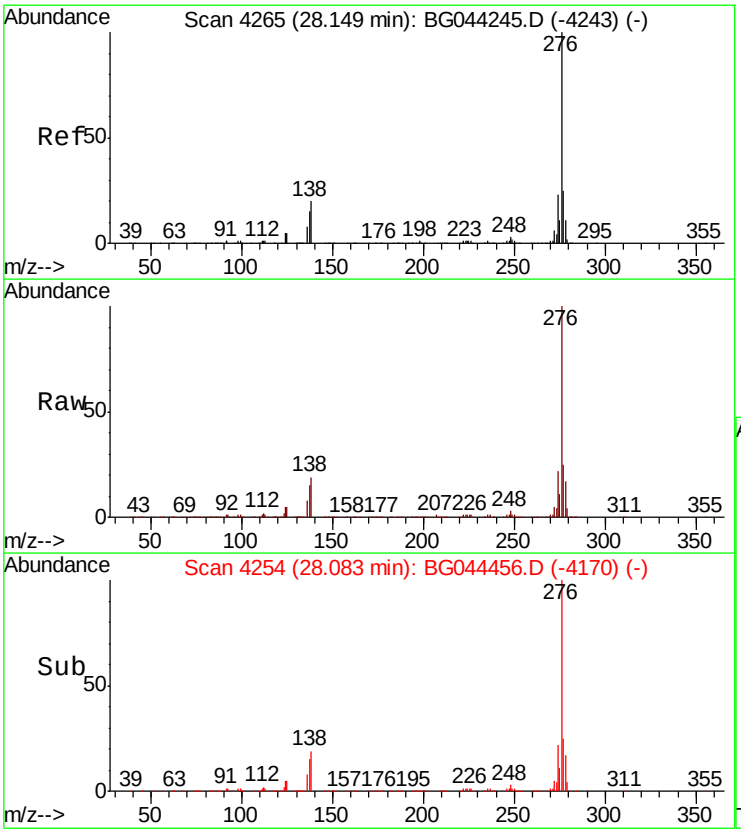

#85
Di-n-octyl phthalate
Concen: 45.633 ng
RT: 22.58 min Scan# 3318
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:149 Resp: 1306037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.3 | 1.9 |
| 43 | 8.9 | 7.4 | 11.0 |

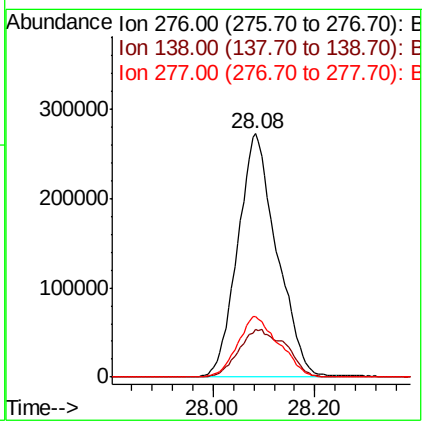


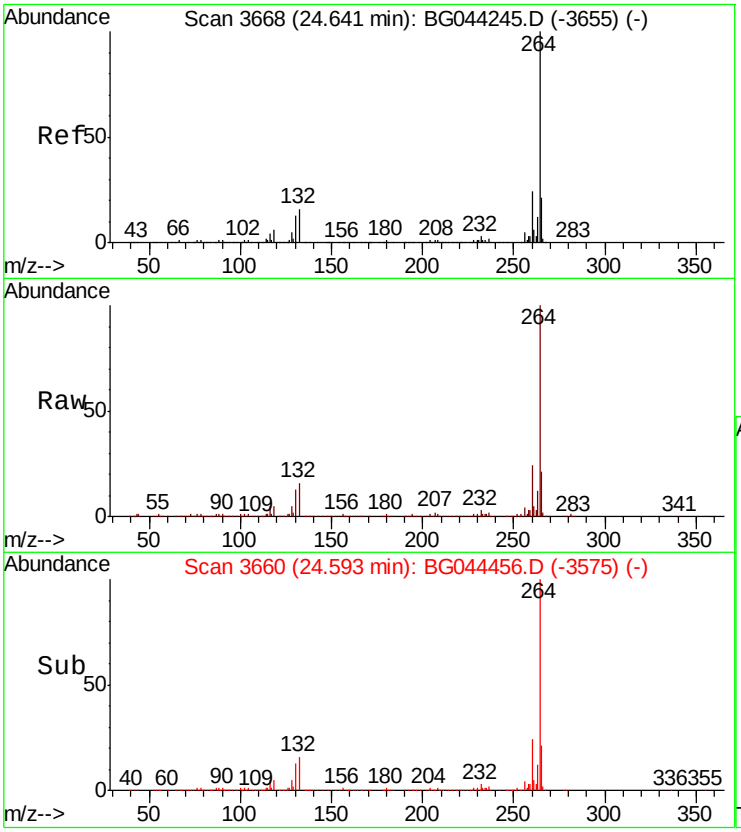




#86
Indeno(1,2,3-cd)pyrene
Concen: 45.794 ng
RT: 28.08 min Scan# 4254
Delta R.T. -0.03 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:276 Resp: 1461509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 23.7 | 19.4 | 29.0 |
| 277 | 26.0 | 21.0 | 31.6 |



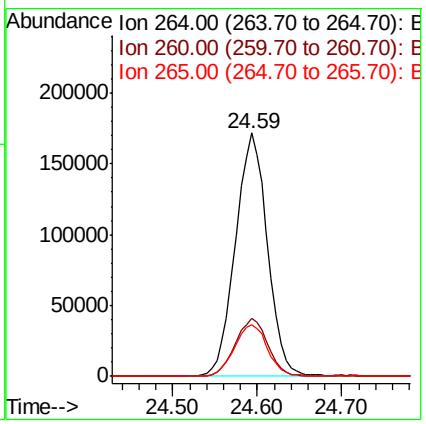


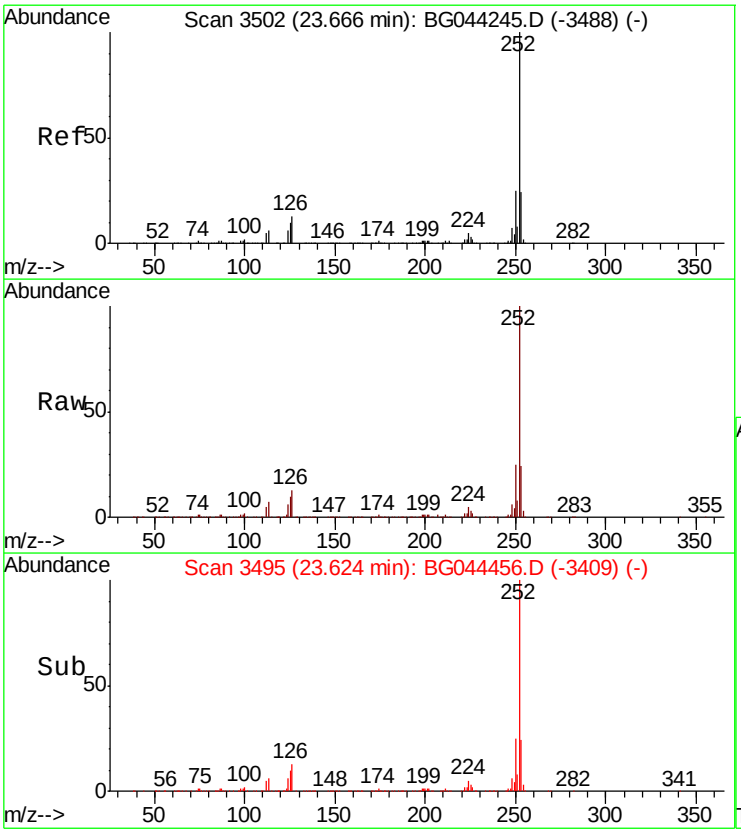

#87
Perylene-d12
Concen: 20.000 ng
RT: 24.59 min Scan# 3660
Delta R.T. -0.03 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:264 Resp: 450576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.6 | 19.4 | 29.2 |
| 265 | 21.4 | 16.7 | 25.1 |

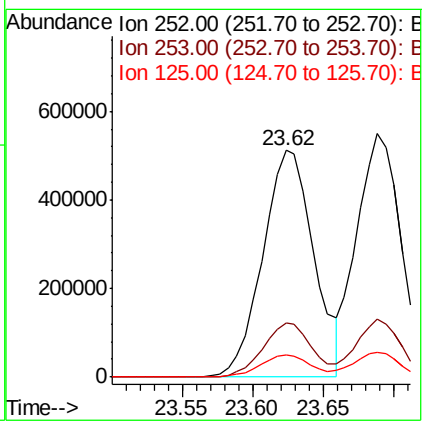


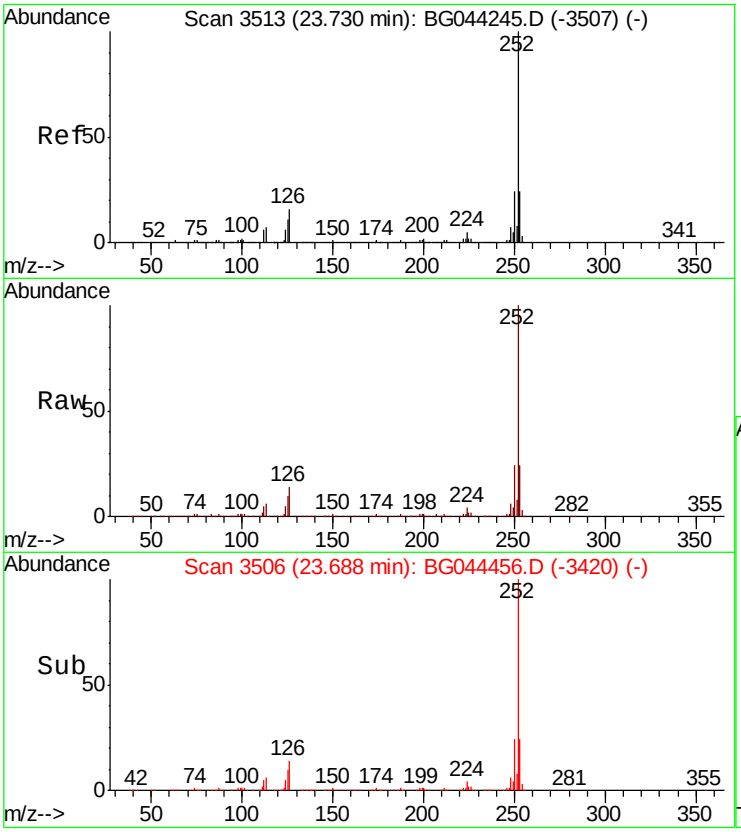




#88
Benzo(b)fluoranthene
Concen: 49.785 ng
RT: 23.62 min Scan# 3495
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:252 Resp: 1292616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.7 | 19.2 | 28.8 |
| 125 | 10.0 | 8.4 | 12.6 |



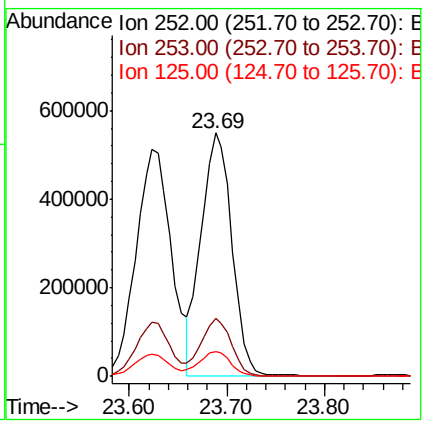


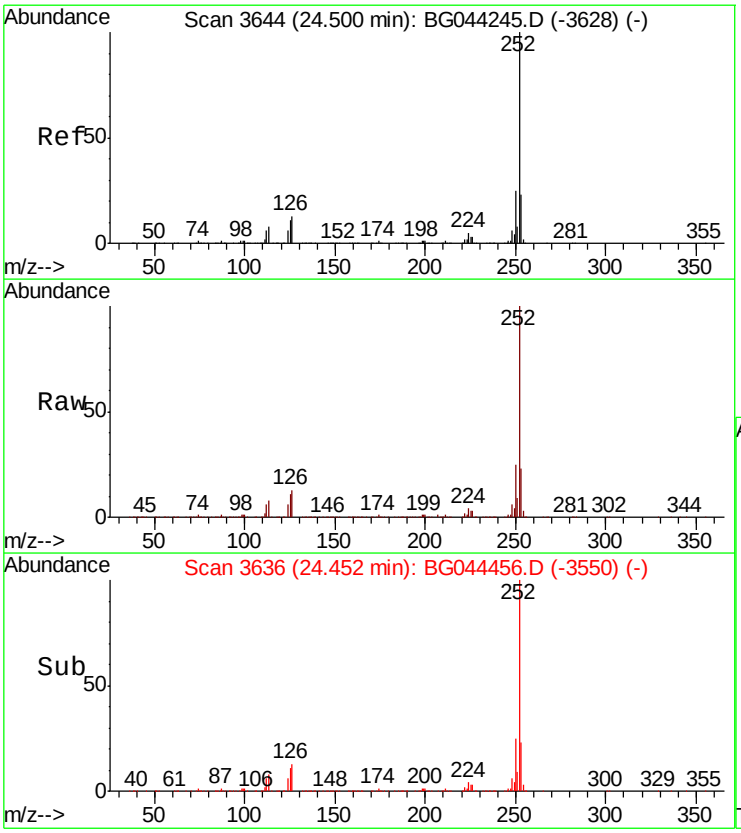

#89
Benzo(k)fluoranthene
Concen: 47.264 ng
RT: 23.69 min Scan# 3506
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:252 Resp: 1196015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.6 | 19.1 | 28.7 |
| 125 | 10.2 | 8.6 | 12.8 |

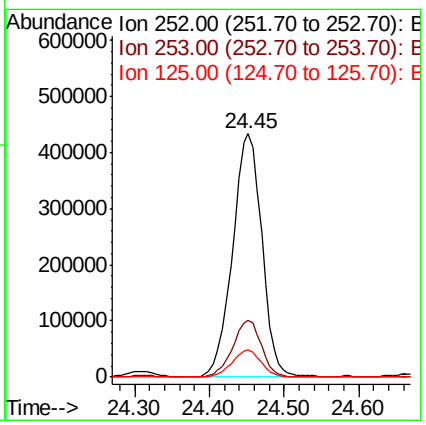


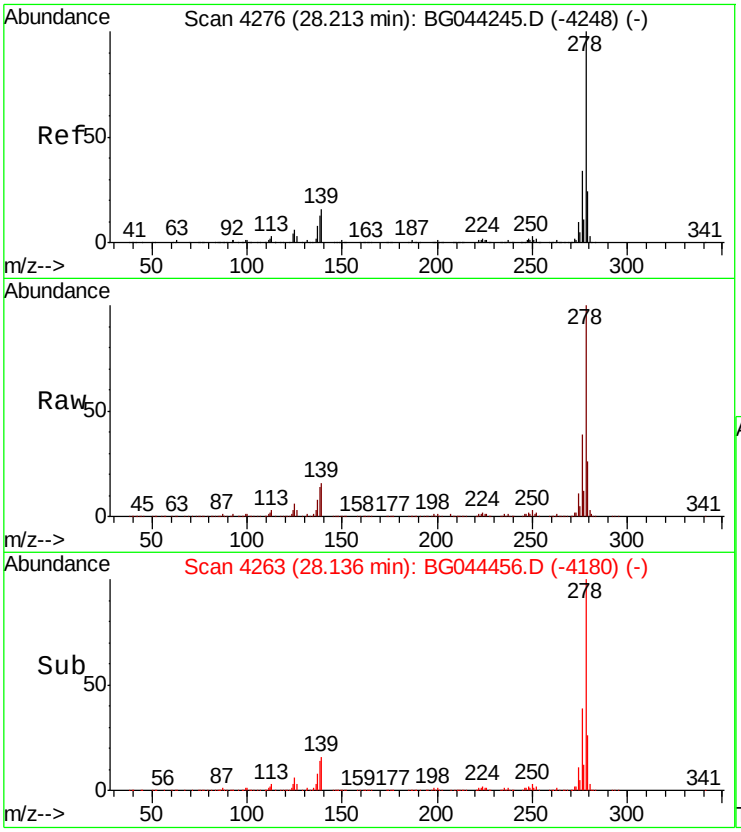




#90
Benzo(a)pyrene
Concen: 47.991 ng
RT: 24.45 min Scan# 3636
Delta R.T. -0.02 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:252 Resp: 1178097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.3 | 18.1 | 27.1 |
| 125 | 11.0 | 8.6 | 13.0 |



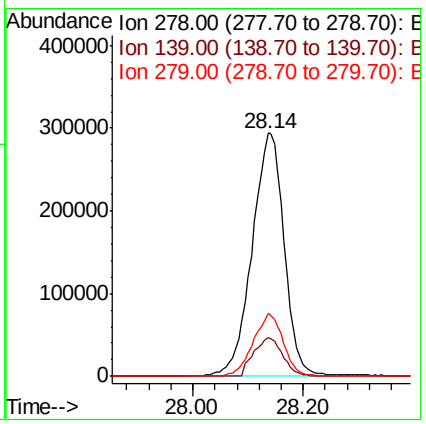


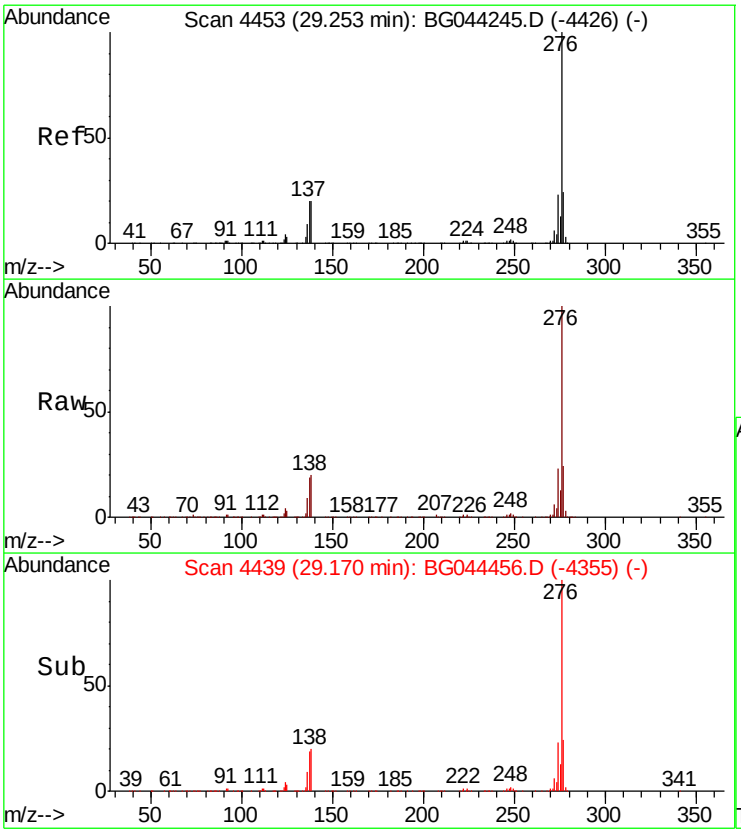

#91
Dibenzo(a,h)anthracene
Concen: 48.469 ng
RT: 28.14 min Scan# 4263
Delta R.T. -0.04 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

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

Tgt Ion:278 Resp: 1177535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.8 | 12.7 | 19.1 |
| 279 | 26.0 | 19.3 | 28.9 |




#92
Benzo(g,h,i)perylene
Concen: 50.936 ng
RT: 29.17 min Scan# 4439
Delta R.T. -0.03 min
Lab File: BG044456.D
Acq: 17 Feb 2020 20:57

Tgt Ion:276 Resp: 1238793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.2 | 18.8 | 28.2 |
| 138 | 20.4 | 16.2 | 24.2 |