Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040247.D
Acq On : 30 Mar 2019 5:16
Operator : JU/SJ
Sample : PB118419BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB118419BS

Quant Time: Mar 30 06:32:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.05 | 152 | 78592 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 10.87 | 136 | 335254 | 20.00 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 14.69 | 164 | 223041 | 20.00 | ng | | -0.02 |
| 64) Phenanthrene-d10 | 17.44 | 188 | 558583 | 20.00 | ng | | -0.01 |
| 76) Chrysene-d12 | 21.73 | 240 | 536054 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 25.04 | 264 | 507693 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.61 | 112 | 687087 | 145.34 | ng | | -0.01 |
| 7) Phenol-d6 | 7.22 | 99 | 949936 | 145.39 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.23 | 82 | 563215 | 89.30 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 16.18 | 330 | 376951 | 156.38 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.31 | 172 | 1304076 | 86.64 | ng | | -0.01 |
| 79) Terphenyl-d14 | 20.04 | 244 | 1982121 | 83.18 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.50 | 88 | 64094 | 28.832 | ng | | 96 |
| 3) Pyridine | 3.90 | 79 | 179523 | 29.994 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.82 | 42 | 100741 | 36.387 | ng | # | 88 |
| 6) Aniline | 7.39 | 93 | 284852 | 33.557 | ng | | 96 |
| 8) 2-Chlorophenol | 7.62 | 128 | 232384 | 41.991 | ng | | 94 |
| 9) Benzaldehyde | 7.20 | 77 | 118391 | 26.417 | ng | | 96 |
| 10) Phenol | 7.24 | 94 | 312135 | 44.014 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.48 | 93 | 222738 | 39.214 | ng | | 100 |
| 12) 1,3-Dichlorobenzene | 7.94 | 146 | 233075 | 38.743 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 8.09 | 146 | 235464 | 39.298 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.41 | 146 | 227478 | 39.700 | ng | | 99 |
| 15) Benzyl Alcohol | 8.30 | 79 | 220474 | 41.901 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.58 | 45 | 414780 | 38.050 | ng | | 99 |
| 17) 2-Methylphenol | 8.49 | 107 | 215018 | 43.816 | ng | | 97 |
| 18) Hexachloroethane | 9.13 | 117 | 86809 | 38.089 | ng | | 99 |
| 19) n-Nitroso-di-n-propylamine | 8.86 | 70 | 185139 | 39.522 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.82 | 107 | 305013 | 45.881 | ng | | 98 |
| 22) Acetophenone | 8.89 | 105 | 359796 | 43.023 | ng | # | 98 |
| 24) Nitrobenzene | 9.28 | 77 | 274110 | 41.968 | ng | | 97 |
| 25) Isophorone | 9.79 | 82 | 538926 | 41.527 | ng | | 98 |
| 26) 2-Nitrophenol | 9.99 | 139 | 134641 | 43.505 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 10.03 | 122 | 241304 | 49.086 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 10.27 | 93 | 318879 | 41.532 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.51 | 162 | 252910 | 47.398 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.73 | 180 | 249166 | 42.527 | ng | | 98 |
| 31) Naphthalene | 10.93 | 128 | 730027 | 42.482 | ng | | 99 |
| 32) Benzoic acid | 10.18 | 122 | 104207 | 35.085 | ng | | 91 |
| 33) 4-Chloroaniline | 11.04 | 127 | 154389 | 21.063 | ng | | 95 |
| 34) Hexachlorobutadiene | 11.18 | 225 | 150151 | 40.071 | ng | | 97 |
| 35) Caprolactam | 11.83 | 113 | 42607 | 20.121 | ng | | 93 |
| 36) 4-Chloro-3-methylphenol | 12.15 | 107 | 287791 | 46.915 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.52 | 142 | 568182 | 44.706 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.74 | 142 | 536301 | 43.517 | ng | | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.88 | 216 | 289370 | 40.819 | ng | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040247.D
Acq On : 30 Mar 2019 5:16
Operator : JU/SJ
Sample : PB118419BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB118419BS

Quant Time: Mar 30 06:32:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.85 | 237 | 353164 | 90.732 | ng | | 96 |
| 43) 2,4,6-Trichlorophenol | 13.12 | 196 | 212299 | 46.450 | ng | | 92 |
| 44) 2,4,5-Trichlorophenol | 13.20 | 196 | 234104 | 46.992 | ng | | 97 |
| 46) 1,1'-Biphenyl | 13.52 | 154 | 724980 | 41.138 | ng | | 100 |
| 47) 2-Chloronaphthalene | 13.57 | 162 | 569833 | 42.153 | ng | | 99 |
| 48) 2-Nitroaniline | 13.78 | 65 | 197016 | 43.208 | ng | | 97 |
| 49) Acenaphthylene | 14.42 | 152 | 945774 | 41.265 | ng | | 98 |
| 50) Dimethylphthalate | 14.14 | 163 | 755670 | 43.290 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.28 | 165 | 179247 | 45.732 | ng | | 98 |
| 52) Acenaphthene | 14.76 | 154 | 559030 | 42.566 | ng | | 98 |
| 53) 3-Nitroaniline | 14.61 | 138 | 116896 | 28.175 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 14.82 | 184 | 204974 | 98.333 | ng | | 90 |
| 55) Dibenzofuran | 15.09 | 168 | 915747 | 43.394 | ng | | 98 |
| 56) 4-Nitrophenol | 14.91 | 139 | 305963 | 91.372 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 15.06 | 165 | 252157 | 46.300 | ng | | 98 |
| 58) Fluorene | 15.74 | 166 | 722660 | 43.555 | ng | | 96 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.31 | 232 | 222166 | 49.144 | ng | | 99 |
| 60) Diethylphthalate | 15.50 | 149 | 792774 | 44.382 | ng | | 98 |
| 61) 4-Chlorophenyl-phenylether | 15.72 | 204 | 393483 | 44.367 | ng | | 100 |
| 62) 4-Nitroaniline | 15.78 | 138 | 198374 | 44.553 | ng | | 97 |
| 63) Azobenzene | 16.01 | 77 | 726714 | 43.131 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylphenol | 15.82 | 198 | 155121 | 49.430 | ng | | 98 |
| 66) n-Nitrosodiphenylamine | 15.94 | 169 | 678912 | 41.535 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.62 | 248 | 265549 | 42.245 | ng | | 98 |
| 68) Hexachlorobenzene | 16.73 | 284 | 270948 | 42.870 | ng | | 99 |
| 69) Atrazine | 16.88 | 200 | 241485 | 39.715 | ng | | 100 |
| 70) Pentachlorophenol | 17.08 | 266 | 329665 | 90.220 | ng | | 96 |
| 71) Phenanthrene | 17.48 | 178 | 1216430 | 41.431 | ng | | 98 |
| 72) Anthracene | 17.57 | 178 | 1229497 | 41.838 | ng | | 97 |
| 73) Carbazole | 17.85 | 167 | 1160767 | 41.737 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.38 | 149 | 1347792 | 40.884 | ng | | 99 |
| 75) Fluoranthene | 19.48 | 202 | 1437651 | 41.352 | ng | | 97 |
| 77) Benzidine | 19.67 | 184 | 519835 | 26.854 | ng | | 98 |
| 78) Pyrene | 19.85 | 202 | 1435984 | 40.735 | ng | | 96 |
| 80) Butylbenzylphthalate | 20.71 | 149 | 627256 | 41.583 | ng | | 97 |
| 81) Benzo(a)anthracene | 21.69 | 228 | 1355753 | 41.061 | ng | | 96 |
| 82) 3,3'-Dichlorobenzidine | 21.61 | 252 | 341603 | 27.197 | ng | | 98 |
| 83) Chrysene | 21.78 | 228 | 1340780 | 42.253 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.56 | 149 | 874869 | 40.573 | ng | | 98 |
| 85) Di-n-octyl phthalate | 22.79 | 149 | 1498140 | 40.779 | ng | | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 28.85 | 276 | 1653510 | 42.604 | ng | # | 71 |
| 88) Benzo(b)fluoranthene | 23.96 | 252 | 1389405 | 44.700 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 24.05 | 252 | 1366710 | 47.813 | ng | | 98 |
| 90) Benzo(a)pyrene | 24.88 | 252 | 1388740 | 47.618 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 28.93 | 278 | 1340558 | 49.492 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 30.16 | 276 | 1374952 | 49.394 | ng | | 97 |

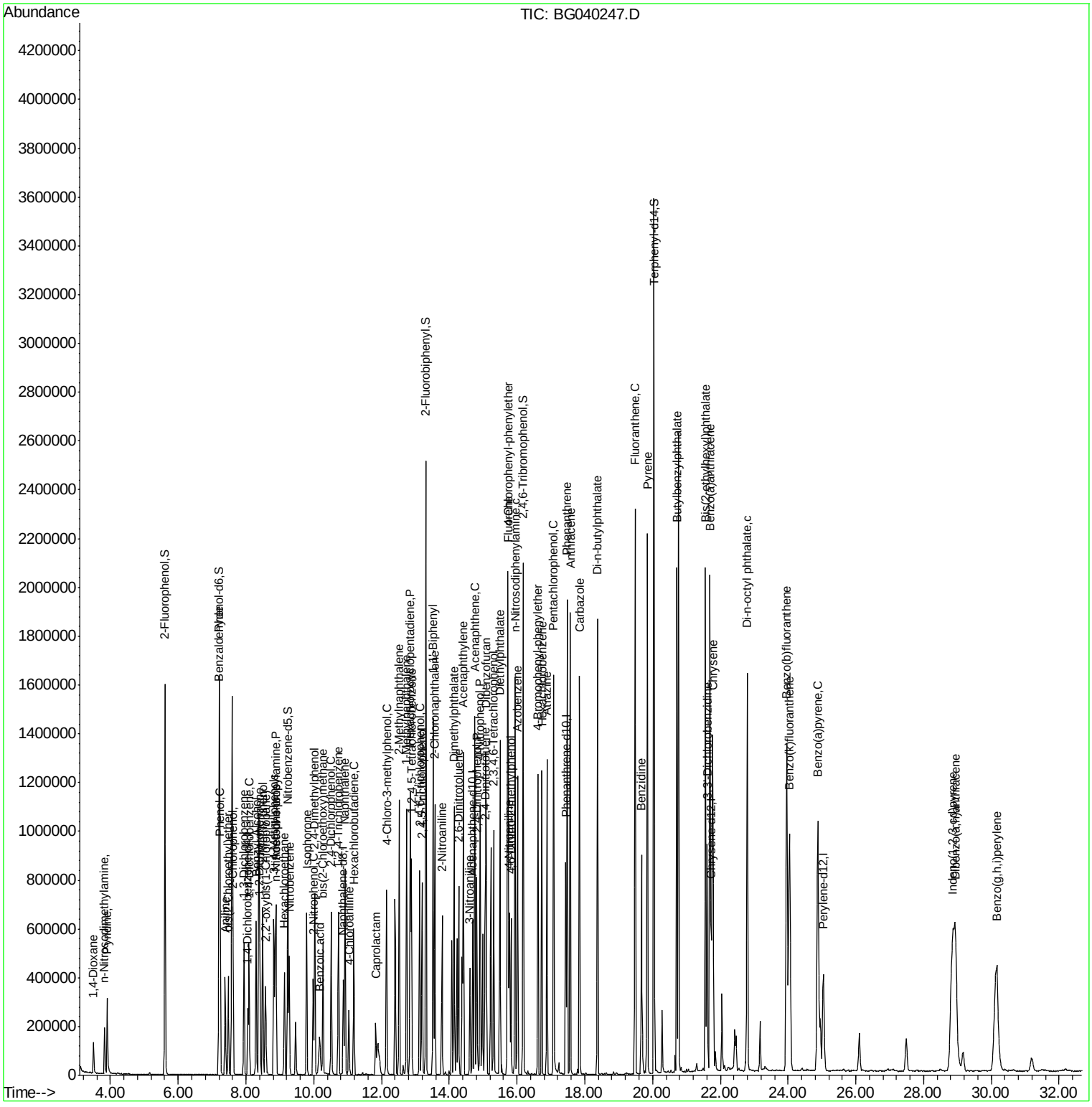
(#) = qualifier out of range (m) = manual integration (+) = signals summed

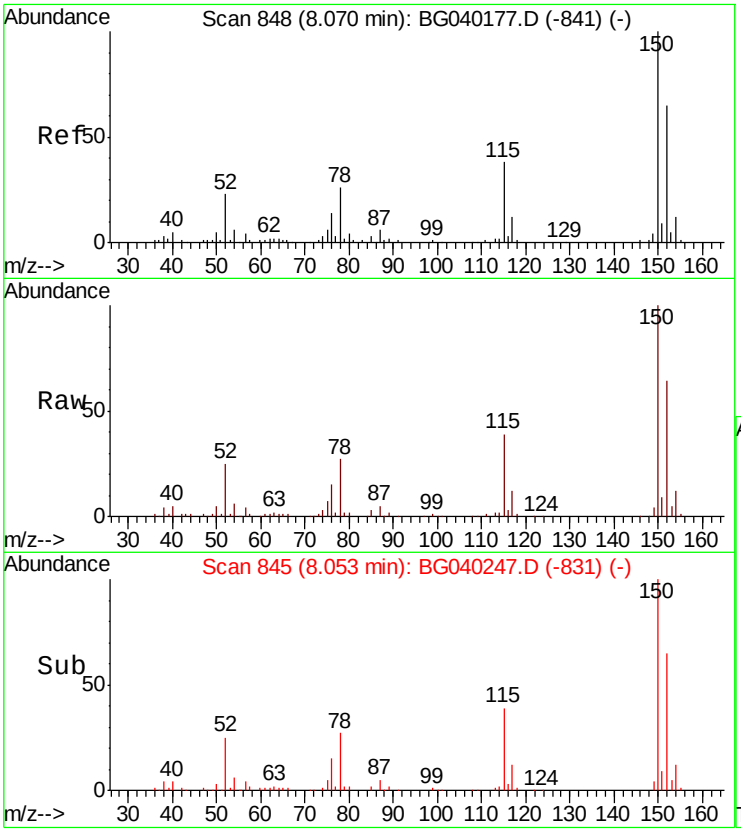
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040247.D
Acq On : 30 Mar 2019 5:16
Operator : JU/SJ
Sample : PB118419BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Quant Time: Mar 30 06:32:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration



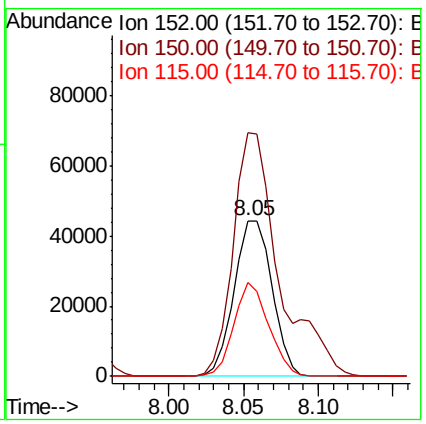


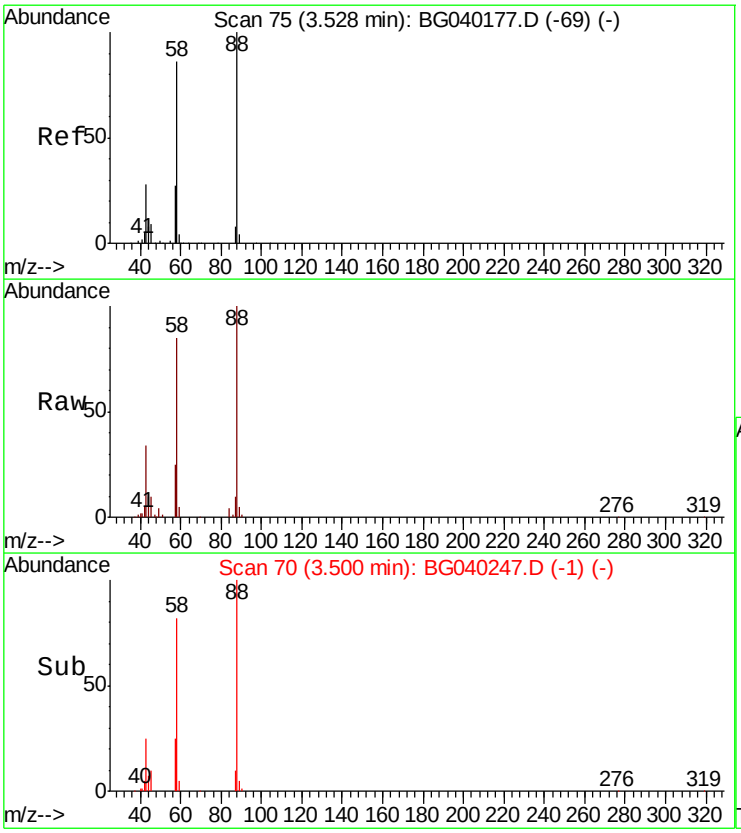

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:152 Resp: 78592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.2 | 123.7 | 185.5 |
| 115 | 60.5 | 46.9 | 70.3 |

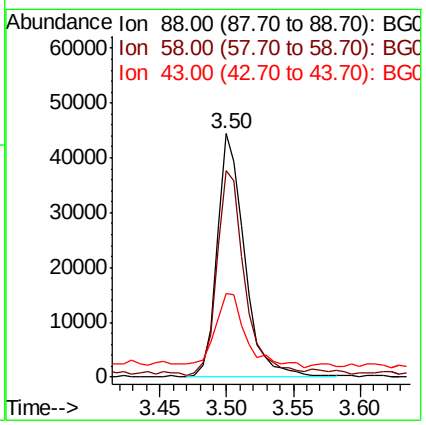


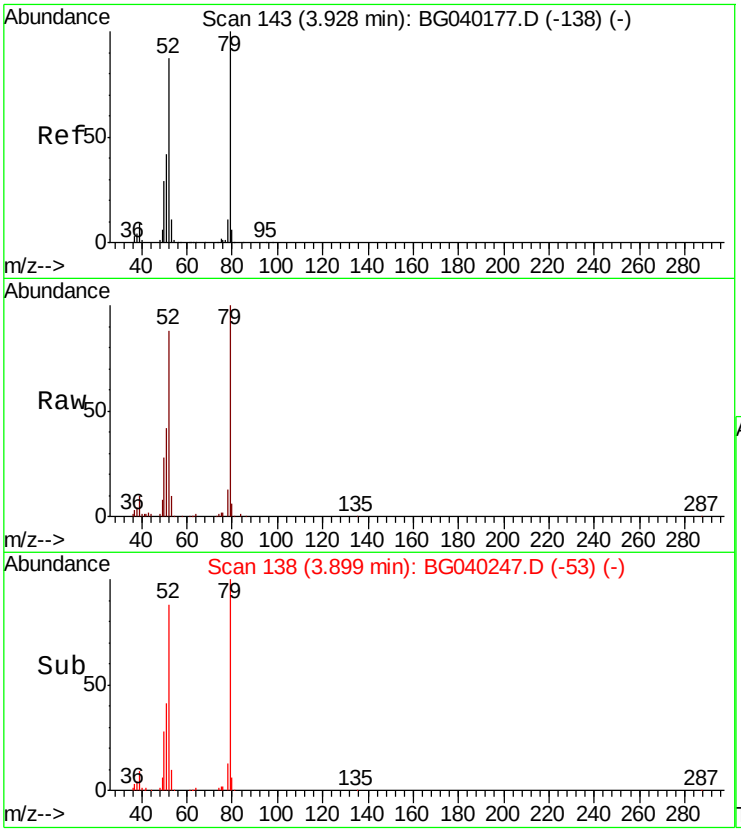




#2
1,4-Dioxane
Concen: 28.832 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.03 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion: 88 Resp: 64094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 85.2 | 70.6 | 106.0 |
| 43 | 33.9 | 24.8 | 37.2 |



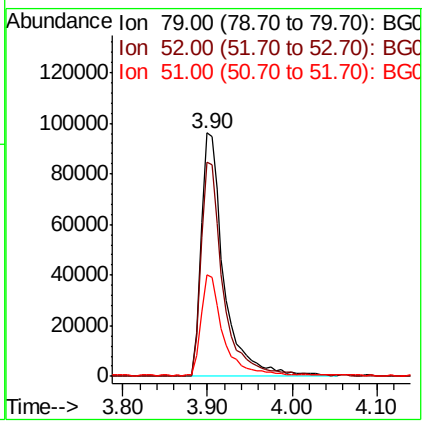


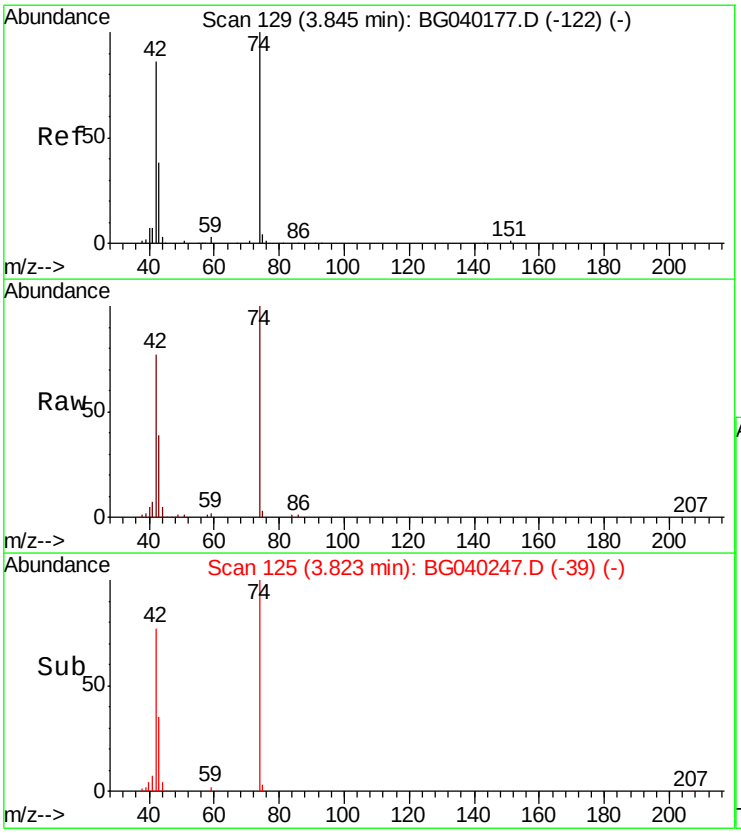

#3
Pyridine
Concen: 29.994 ng
RT: 3.90 min Scan# 138
Delta R.T. -0.03 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion: 79 Resp: 179523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 87.8 | 69.8 | 104.8 |
| 51 | 41.6 | 33.9 | 50.9 |

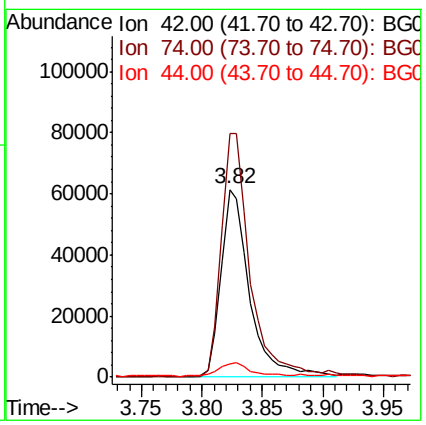


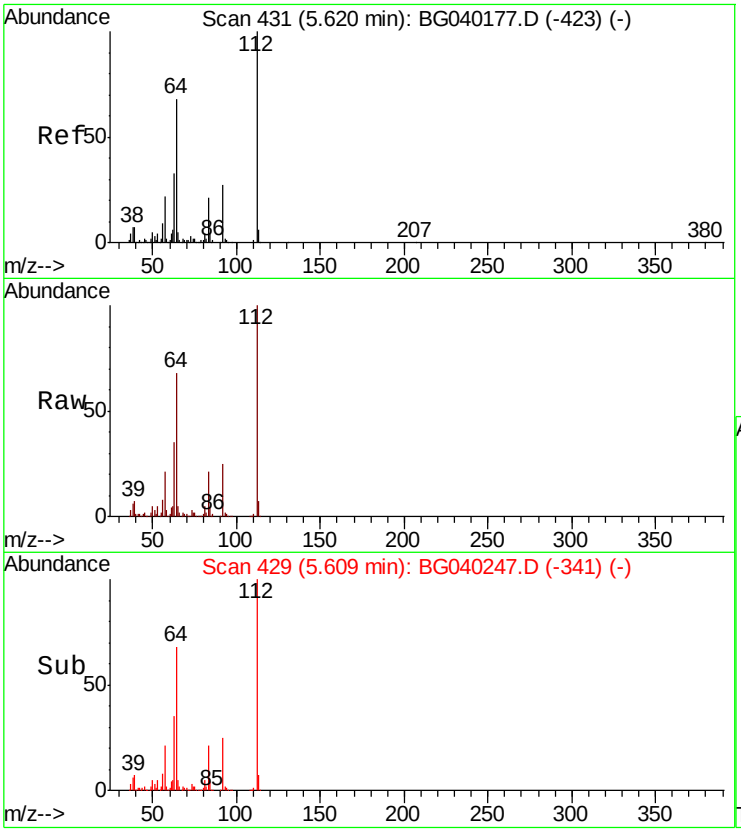




#4
n-Nitrosodimethylamine
Concen: 36.387 ng
RT: 3.82 min Scan# 125
Delta R.T. -0.02 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion: 42 Resp: 100741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 129.6 | 92.9 | 139.3 |
| 44 | 6.9 | 9.7 | 14.5# |



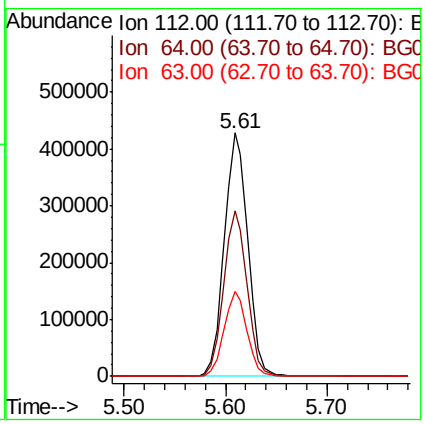


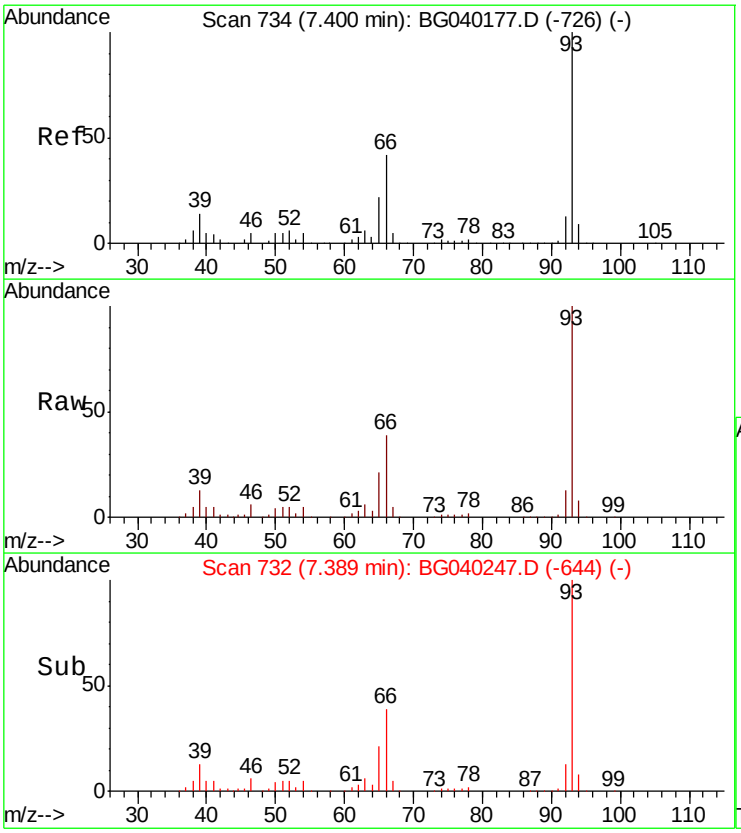

#5
2-Fluorophenol
Concen: 145.336 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:112 Resp: 687087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 68.0 | 54.2 | 81.2 |
| 63 | 34.7 | 26.4 | 39.6 |

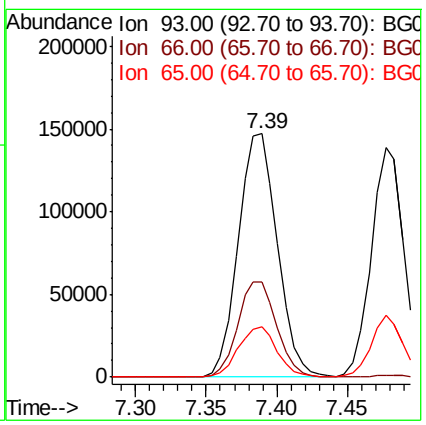


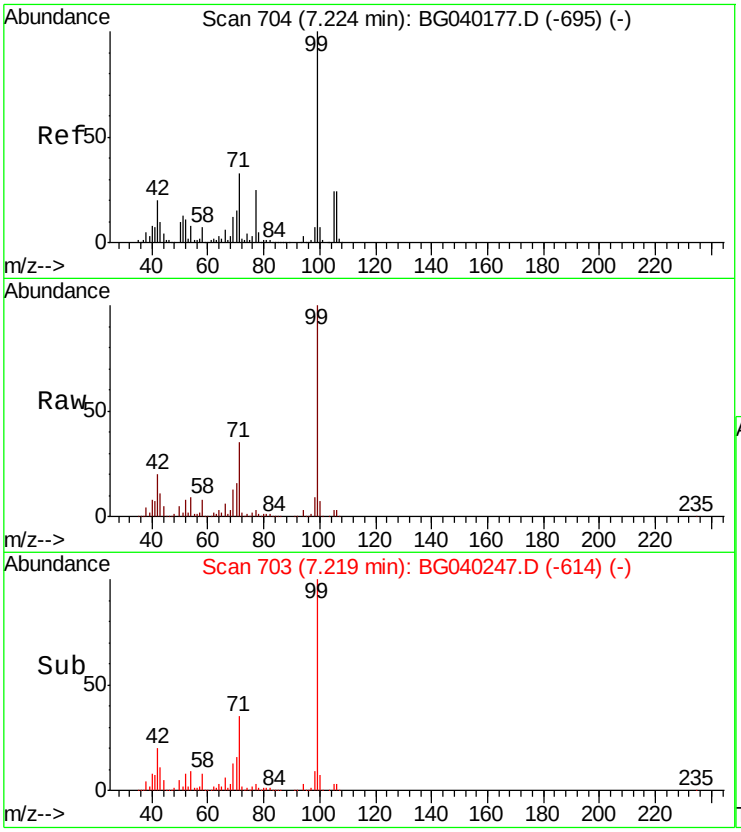




#6
Aniline
Concen: 33.557 ng
RT: 7.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion: 93 Resp: 284852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 39.0 | 33.6 | 50.4 |
| 65 | 20.8 | 17.4 | 26.2 |



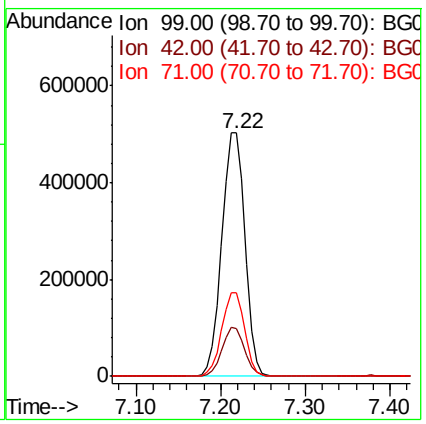


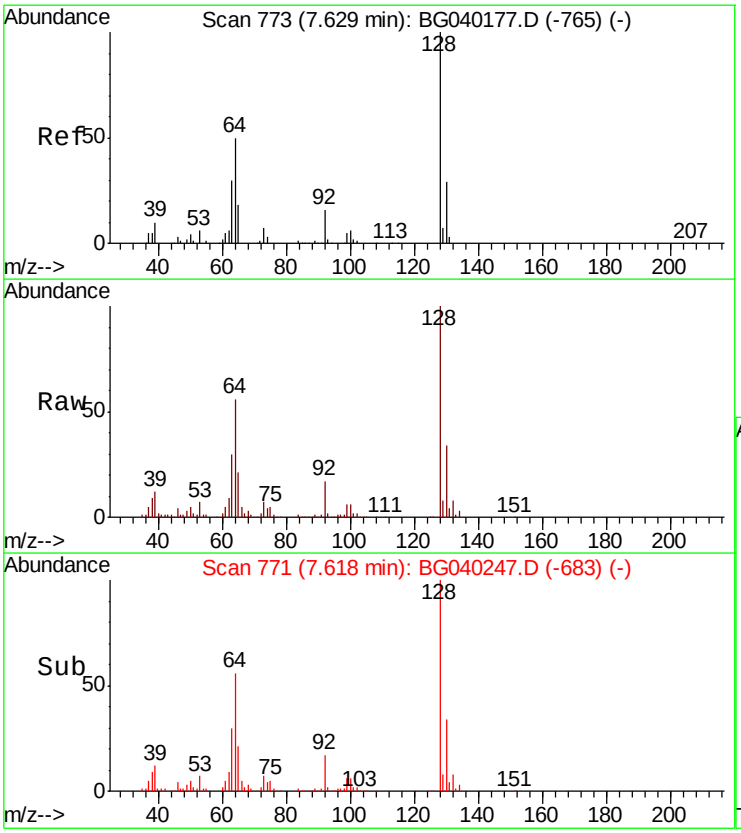

#7
Phenol-d6
Concen: 145.392 ng
RT: 7.22 min Scan# 703
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion: 99 Resp: 949936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.8 | 16.2 | 24.2 |
| 71 | 34.6 | 26.8 | 40.2 |

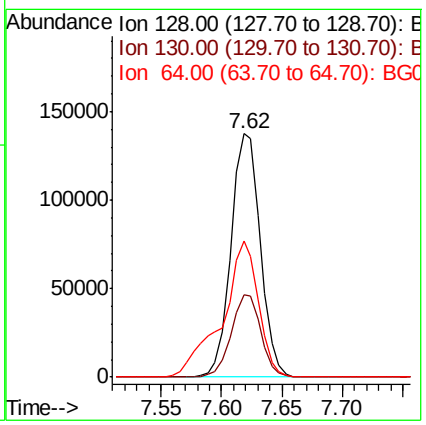


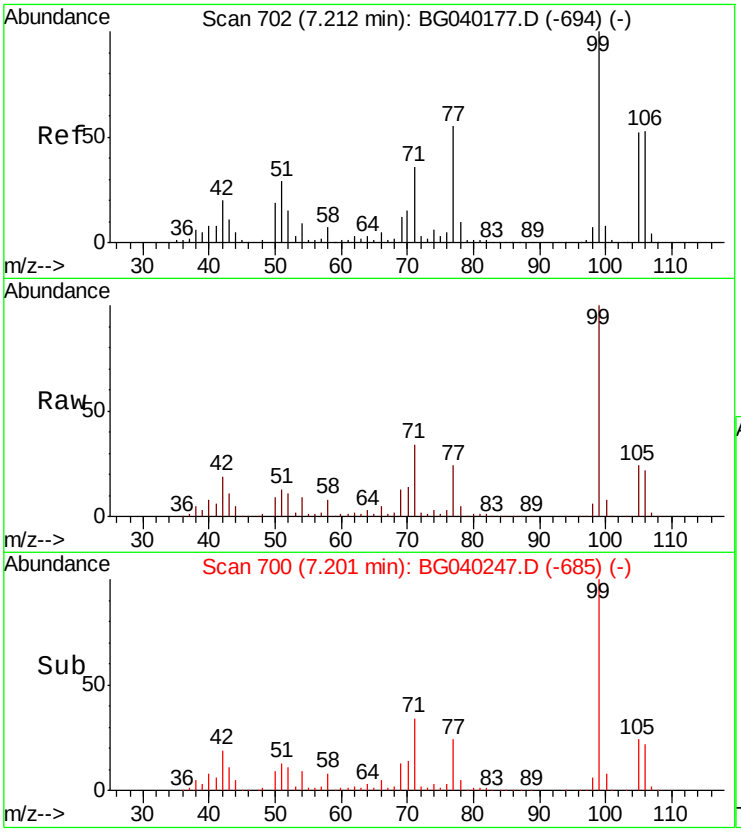




#8
2-Chlorophenol
Concen: 41.991 ng
RT: 7.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:128 Resp: 232384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.8 | 9.1 | 49.1 |
| 64 | 55.8 | 33.1 | 73.1 |



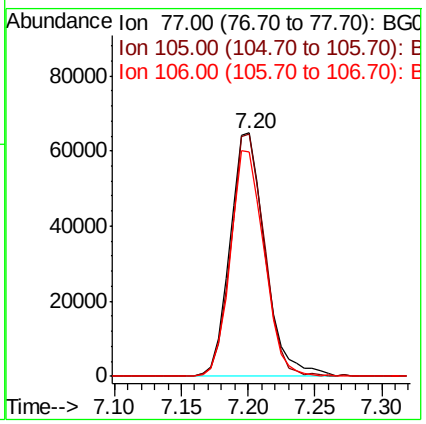


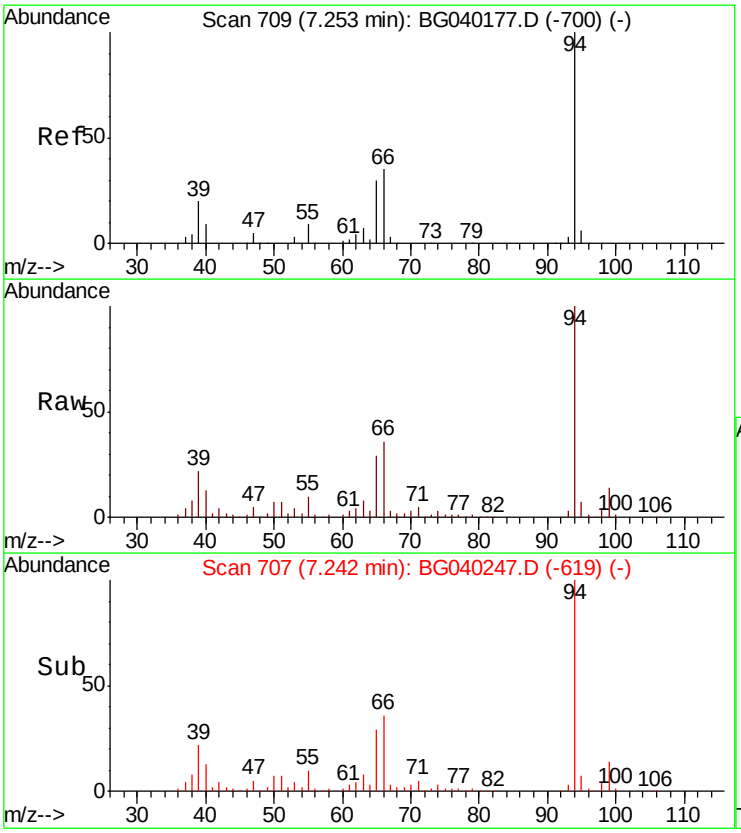

#9
Benzaldehyde
Concen: 26.417 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion: 77 Resp: 118391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 99.6 | 75.0 | 115.0 |
| 106 | 92.3 | 75.7 | 115.7 |

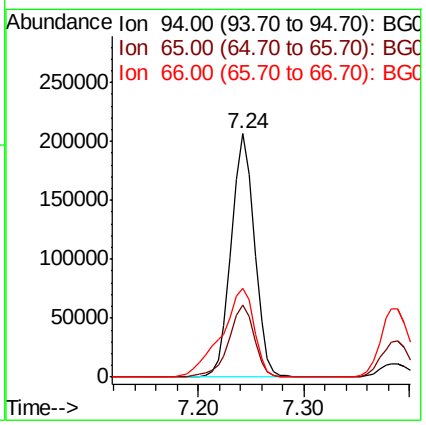


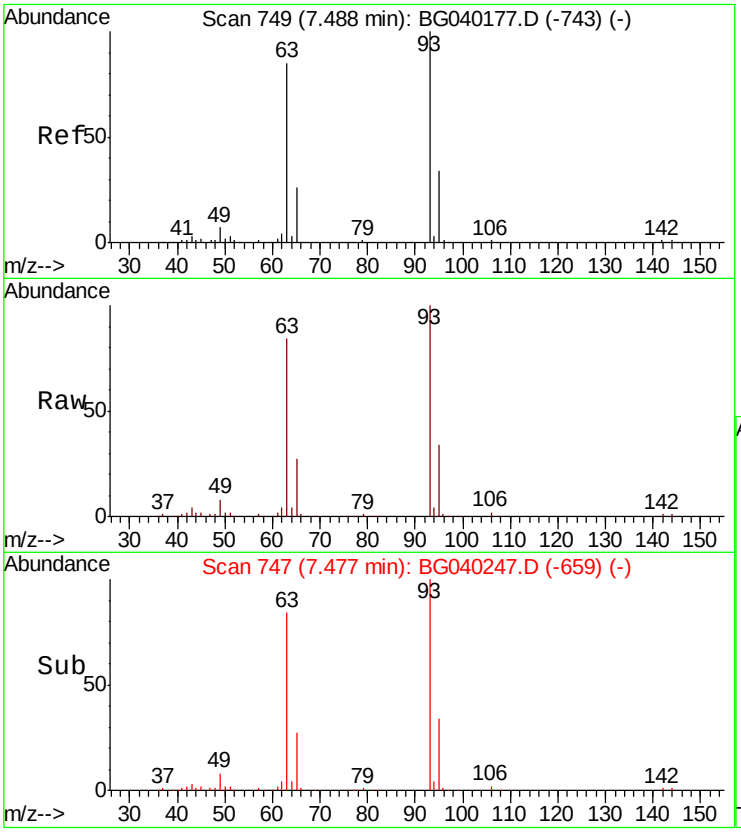




#10
Phenol
Concen: 44.014 ng
RT: 7.24 min Scan# 707
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion: 94 Resp: 312135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.4 | 10.5 | 50.5 |
| 66 | 36.3 | 16.9 | 56.9 |



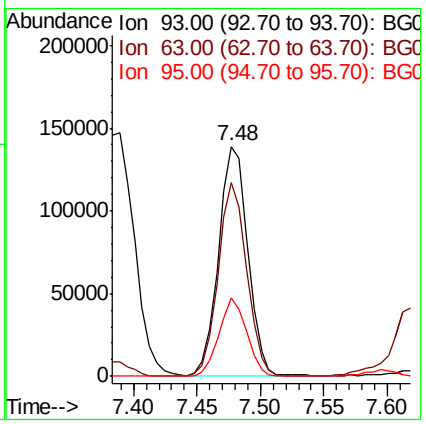


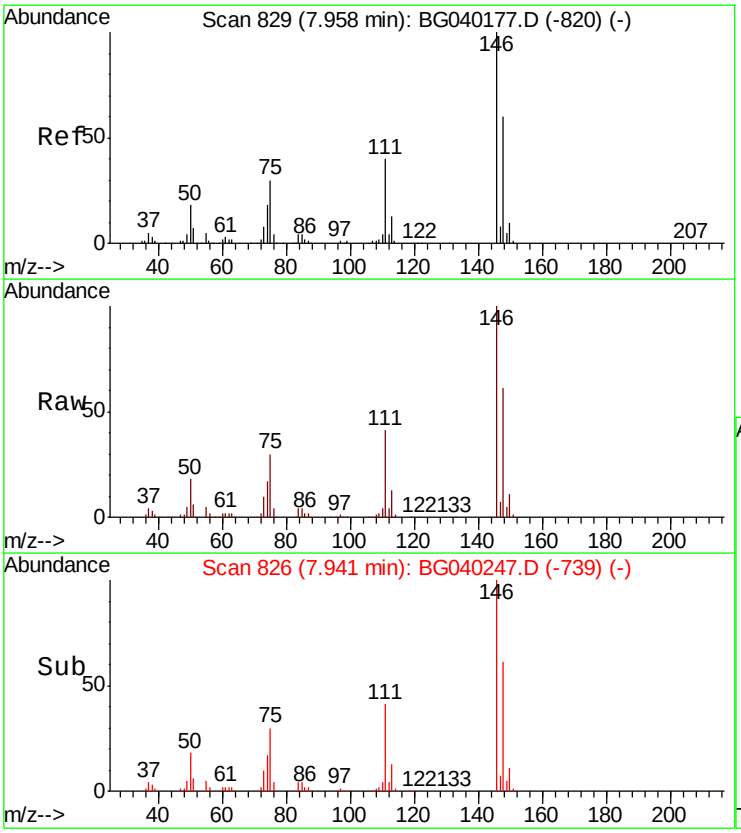

#11
bis(2-Chloroethyl)ether
Concen: 39.214 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion: 93 Resp: 222738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 84.3 | 64.2 | 104.2 |
| 95 | 34.2 | 14.0 | 54.0 |

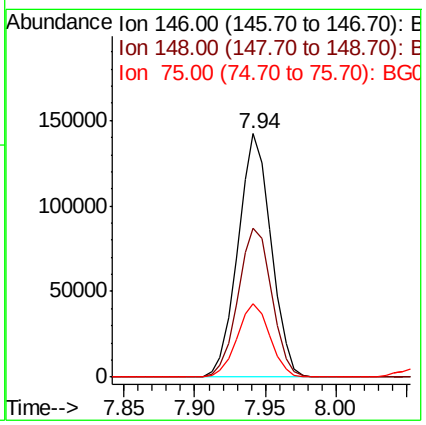


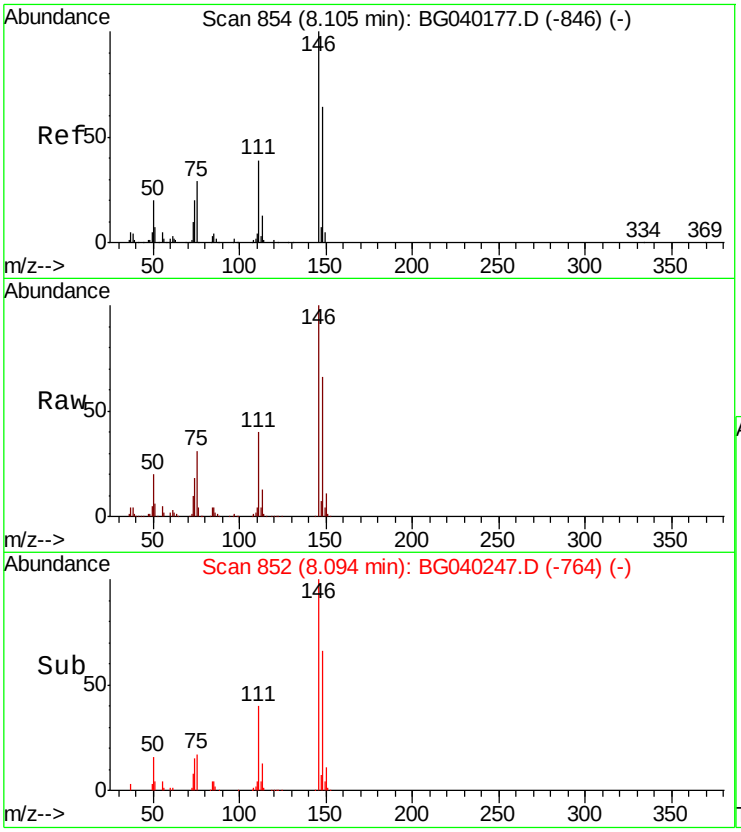




#12
1,3-Dichlorobenzene
Concen: 38.743 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.02 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:146 Resp: 233075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 61.1 | 48.2 | 72.2 |
| 75 | 30.3 | 24.1 | 36.1 |



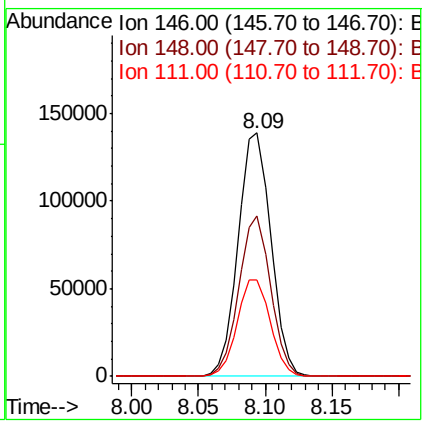


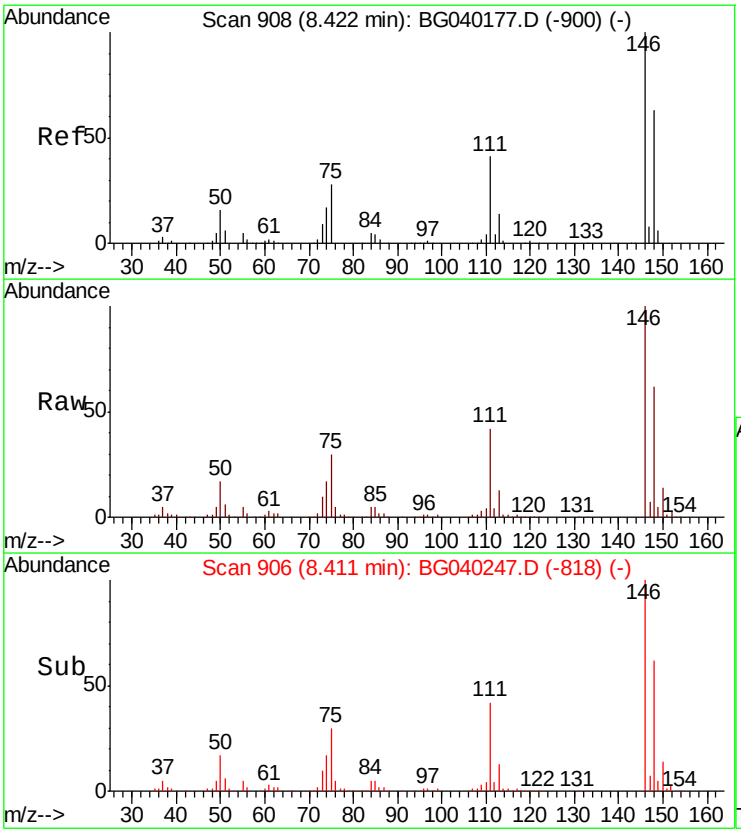

#13
1,4-Dichlorobenzene
Concen: 39.298 ng
RT: 8.09 min Scan# 852
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:146 Resp: 235464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.8 | 51.0 | 76.4 |
| 111 | 39.7 | 31.8 | 47.6 |

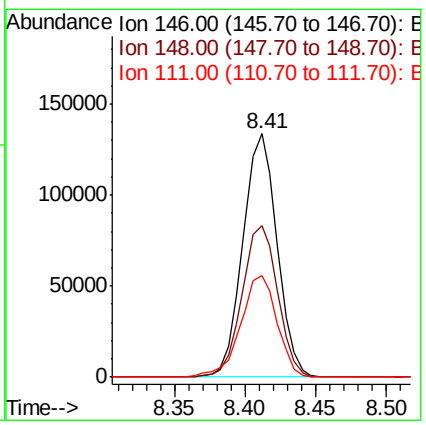


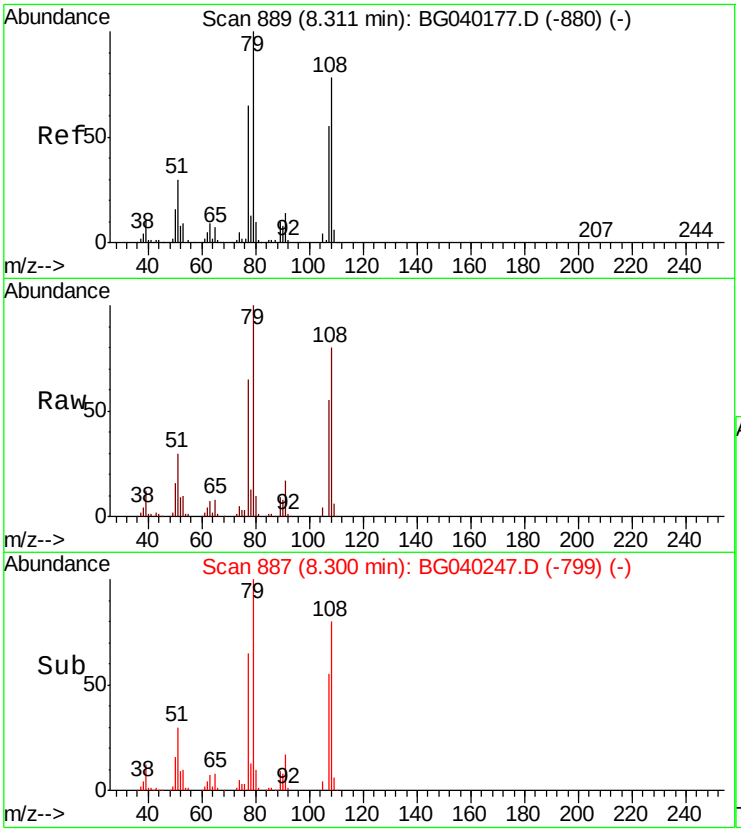




#14
1,2-Dichlorobenzene
Concen: 39.700 ng
RT: 8.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:146 Resp: 227478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.3 | 50.8 | 76.2 |
| 111 | 41.9 | 33.4 | 50.0 |



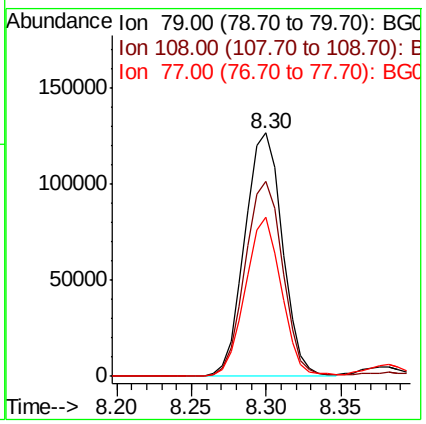


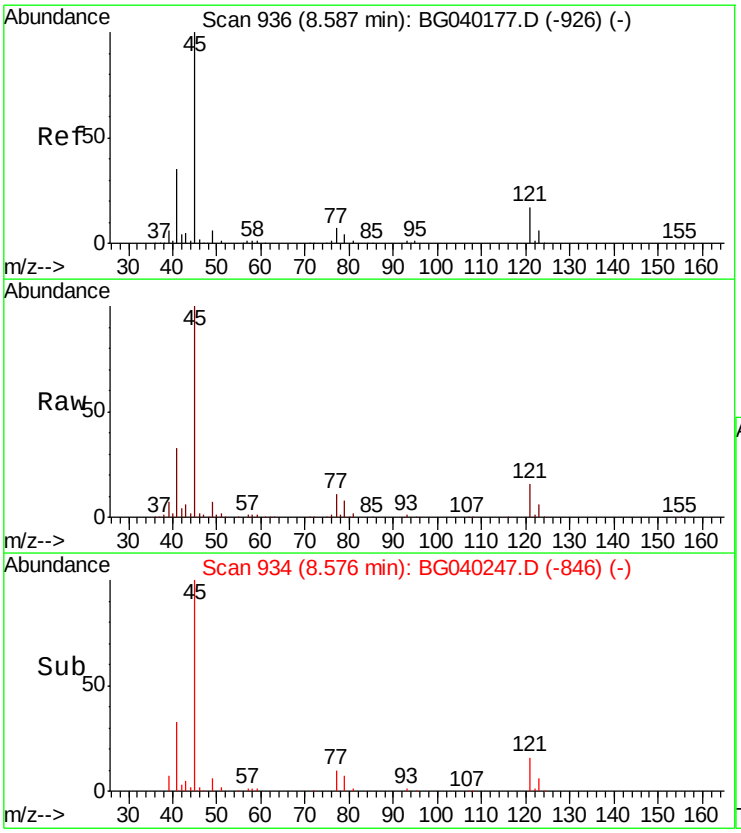

#15
Benzyl Alcohol
Concen: 41.901 ng
RT: 8.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion: 79 Resp: 220474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 80.3 | 62.1 | 93.1 |
| 77 | 65.2 | 51.9 | 77.9 |

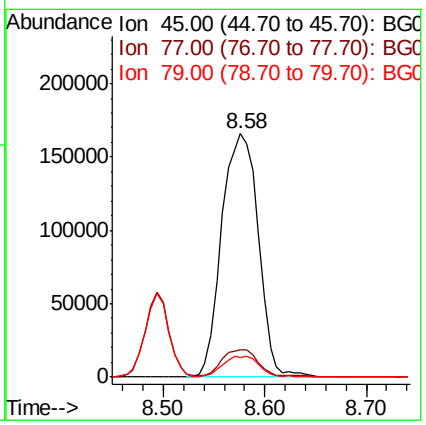


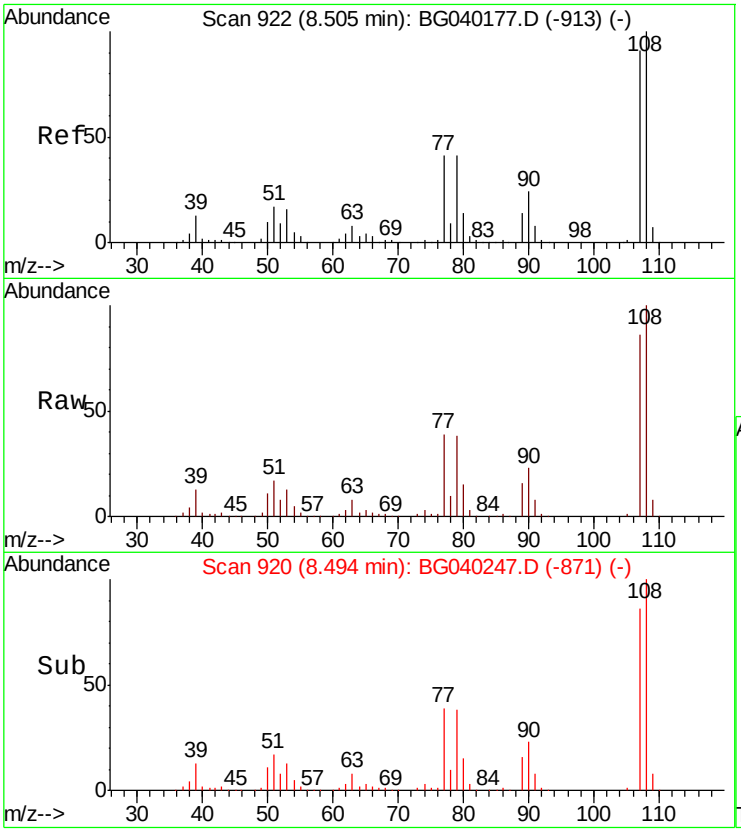




#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.050 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion: 45 Resp: 414780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 11.4 | 0.0 | 31.4 |
| 79 | 7.9 | 0.0 | 28.3 |



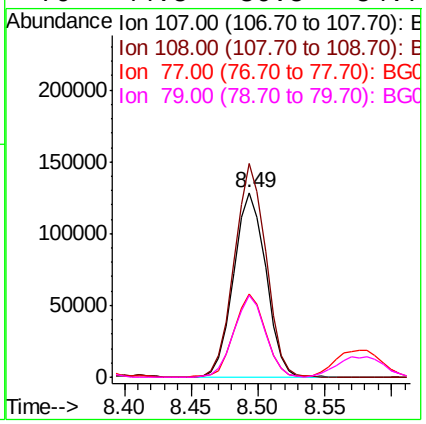


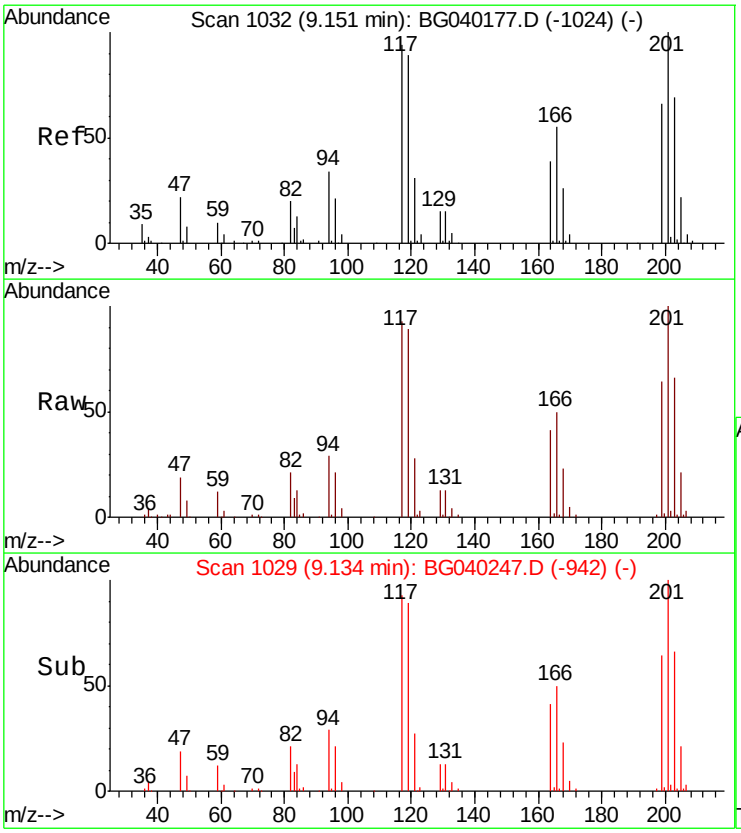

#17
2-Methylphenol
Concen: 43.816 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:107 Resp: 215018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 115.7 | 88.2 | 132.4 |
| 77 | 45.1 | 36.6 | 55.0 |
| 79 | 44.5 | 36.5 | 54.7 |

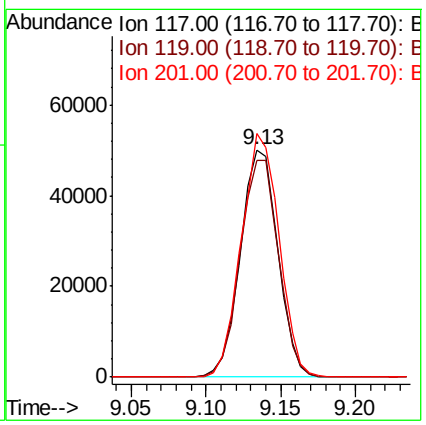


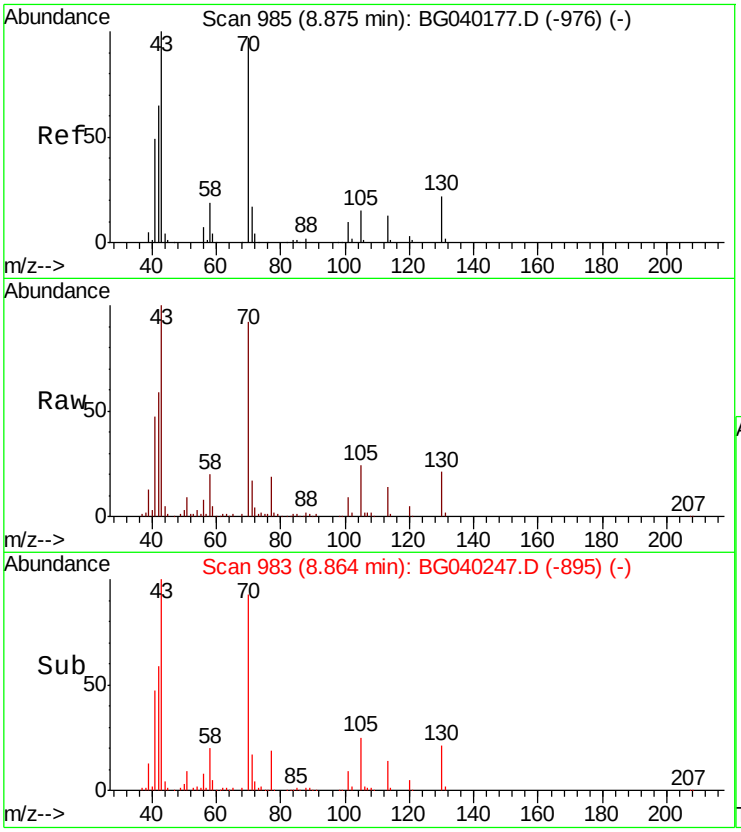




#18
Hexachloroethane
Concen: 38.089 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:117 Resp: 86809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.2 | 76.6 | 115.0 |
| 201 | 107.0 | 85.0 | 127.4 |



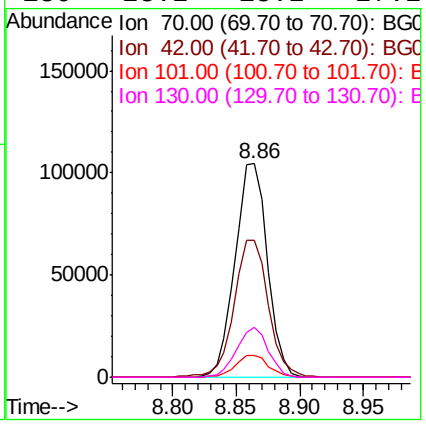


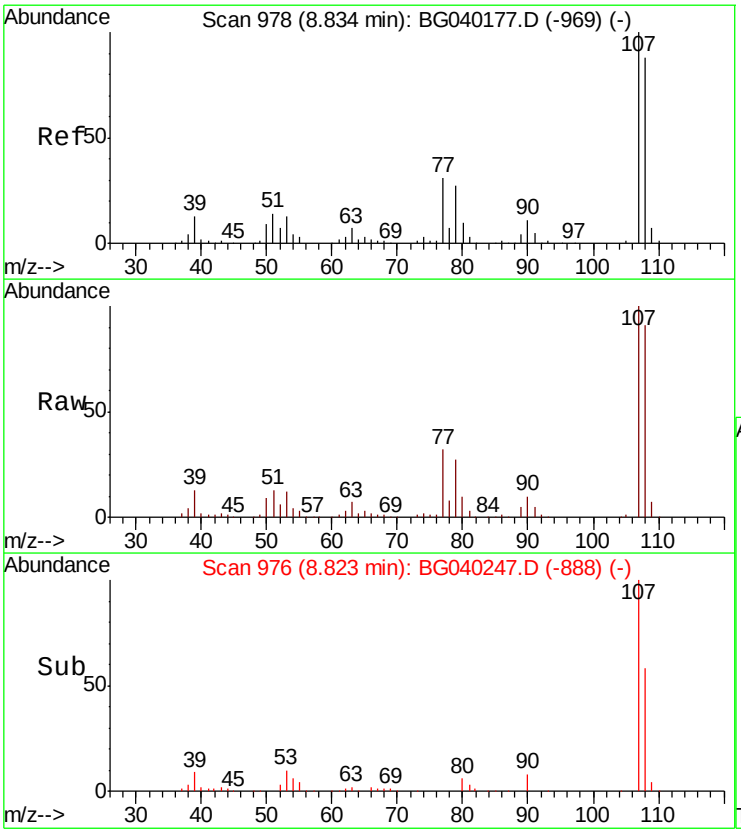

#19
n-Nitroso-di-n-propylamine
Concen: 39.522 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion: 70 Resp: 185139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 63.9 | 54.0 | 81.0 |
| 101 | 10.1 | 8.6 | 13.0 |
| 130 | 23.2 | 18.2 | 27.2 |

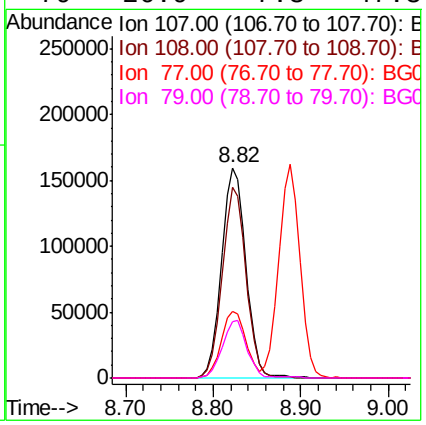


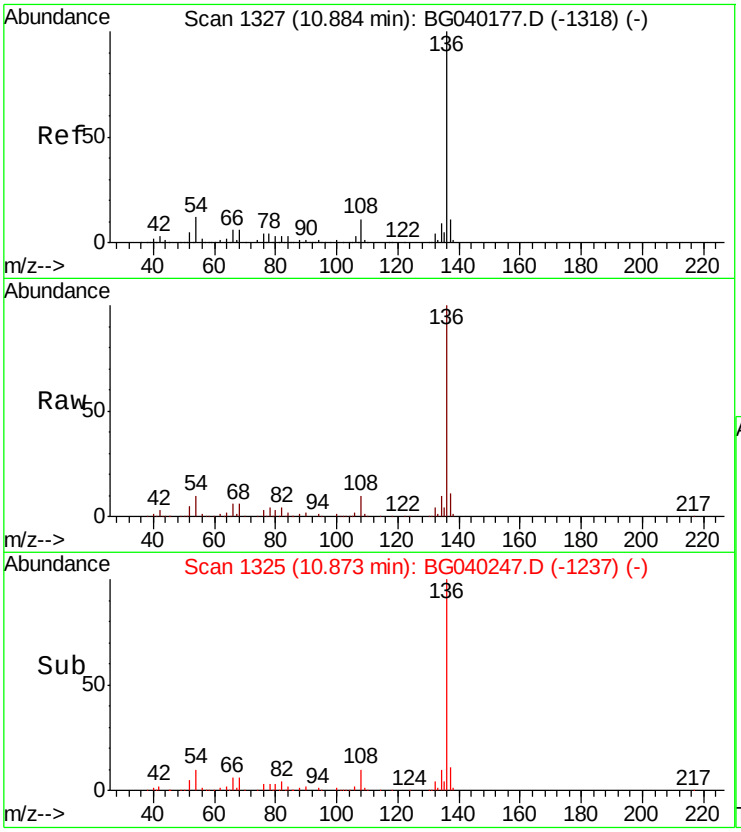




#20
3+4-Methylphenols
Concen: 45.881 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:107 Resp: 305013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.8 | 68.3 | 108.3 |
| 77 | 31.9 | 11.3 | 51.3 |
| 79 | 26.9 | 7.3 | 47.3 |



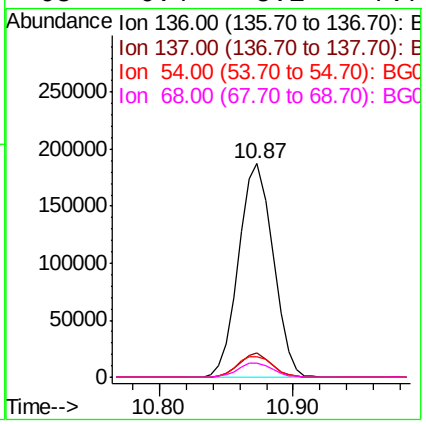


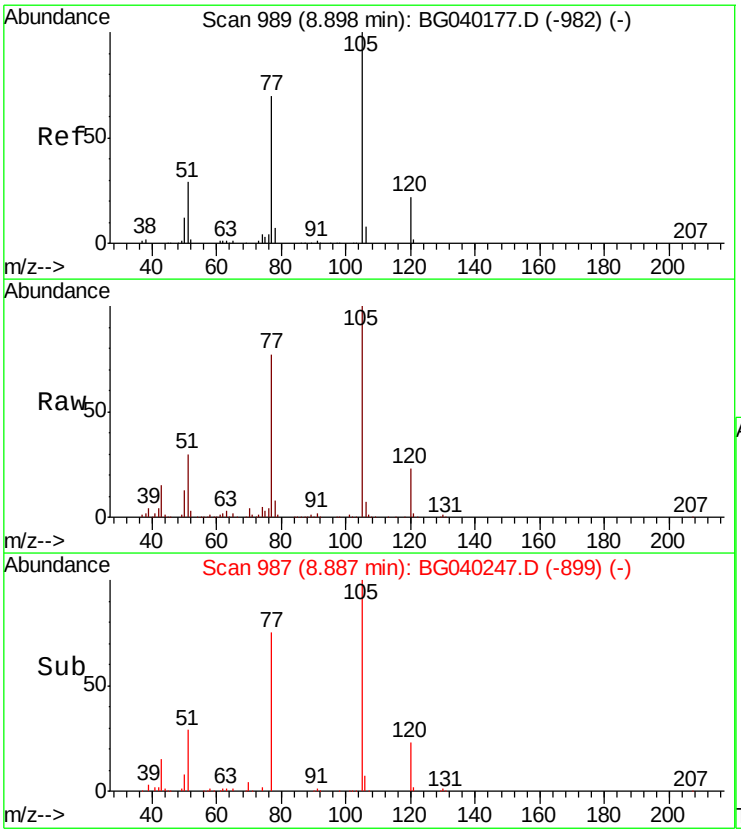

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:136 Resp: 335254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.4 | 8.9 | 13.3 |
| 54 | 9.7 | 9.6 | 14.4 |
| 68 | 6.4 | 5.1 | 7.7 |

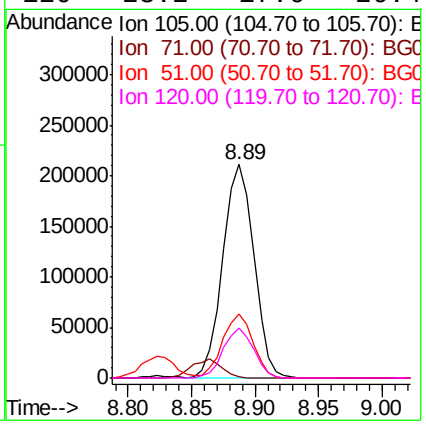


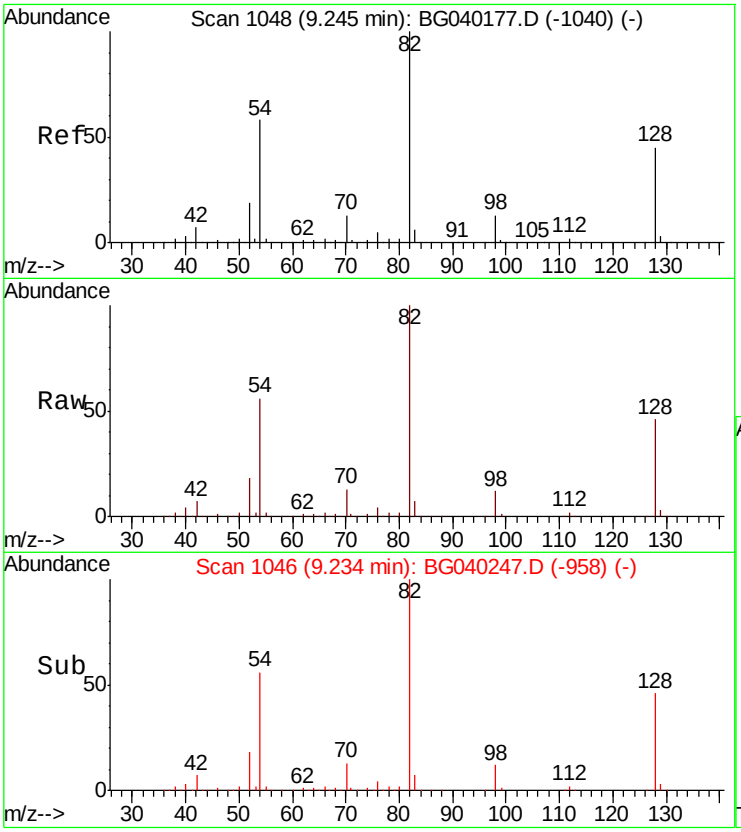




#22
Acetophenone
Concen: 43.023 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:105 Resp: 359796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 0.5 | 0.6 | 1.0# |
| 51 | 30.2 | 25.1 | 37.7 |
| 120 | 23.2 | 17.6 | 26.4 |



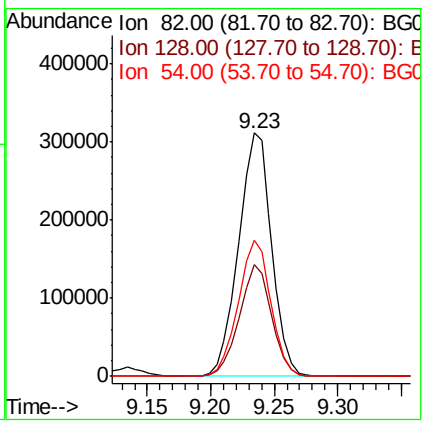


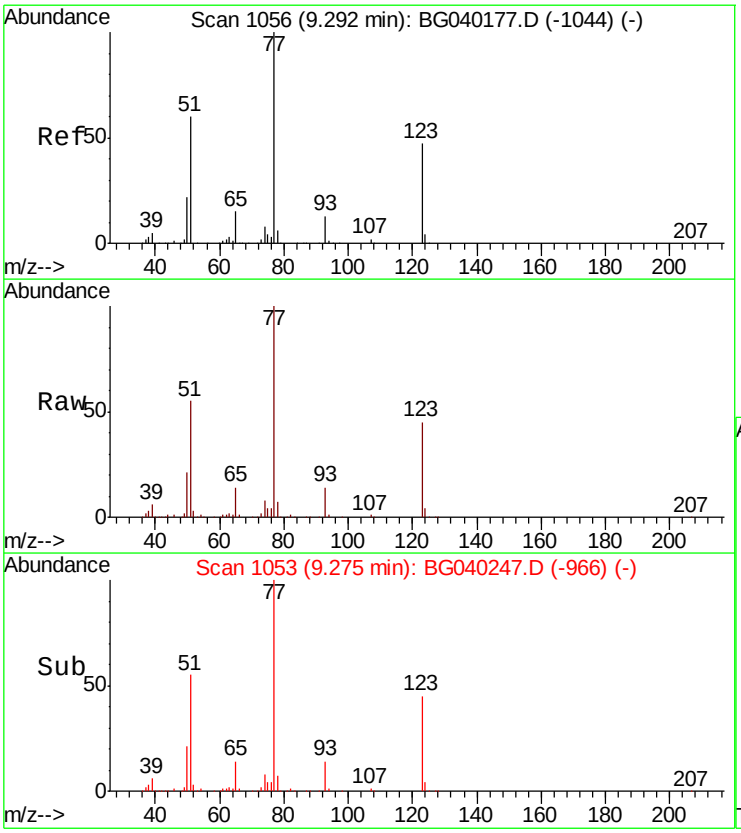

#23
Nitrobenzene-d5
Concen: 89.296 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion: 82 Resp: 563215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.0 | 35.8 | 53.8 |
| 54 | 55.7 | 46.2 | 69.2 |

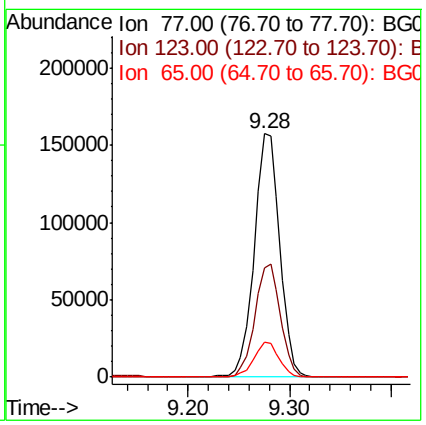


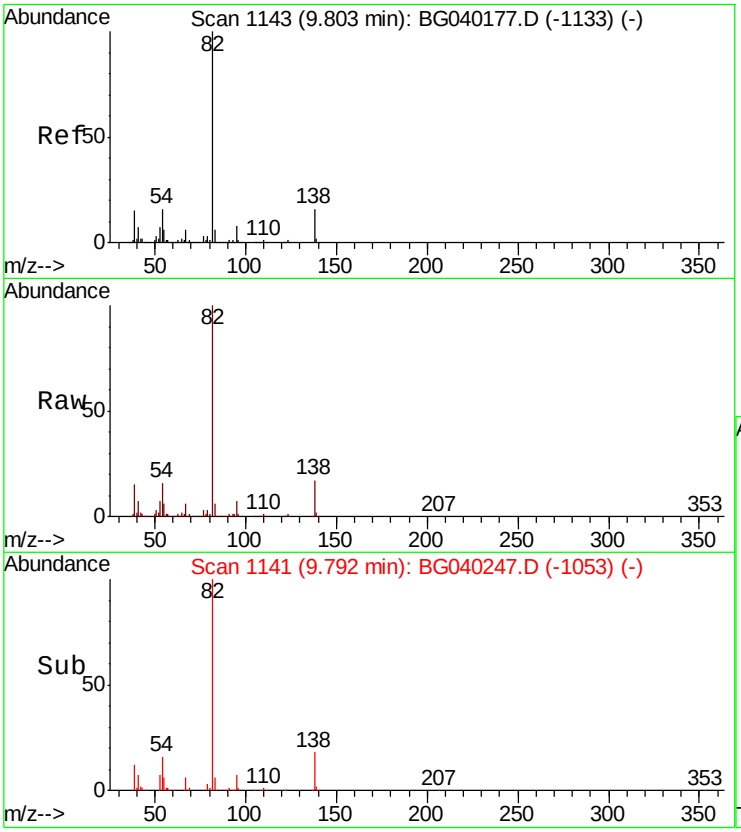




#24
Nitrobenzene
Concen: 41.968 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion: 77 Resp: 274110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 44.7 | 37.8 | 56.6 |
| 65 | 14.5 | 12.0 | 18.0 |



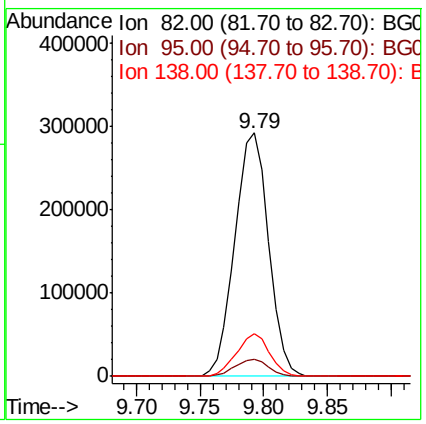


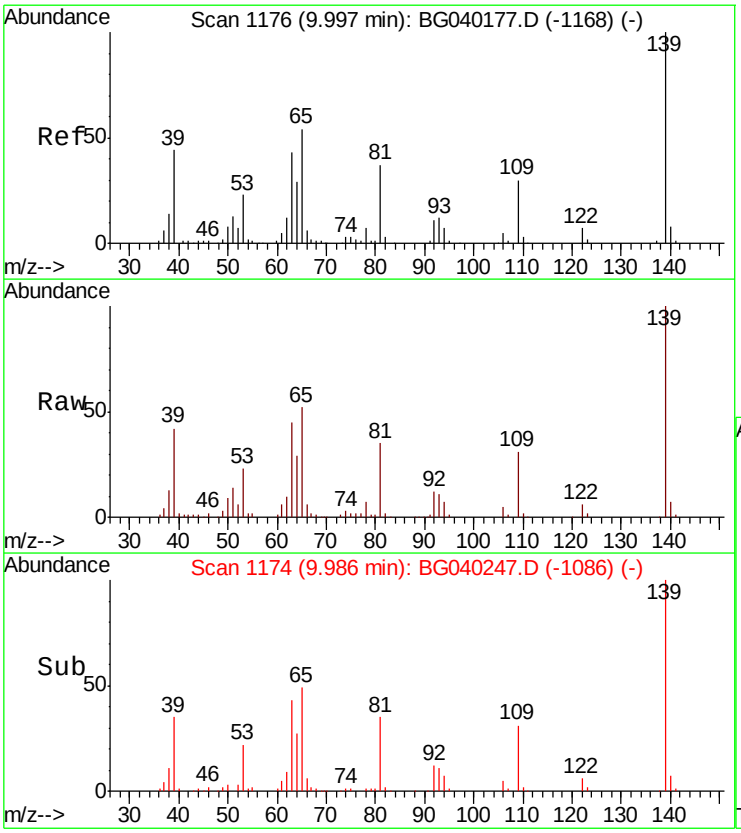

#25
Isophorone
Concen: 41.527 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion: 82 Resp: 538926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.2 | 6.1 | 9.1 |
| 138 | 17.4 | 13.2 | 19.8 |

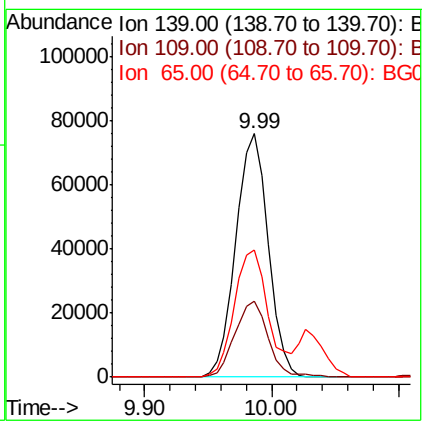


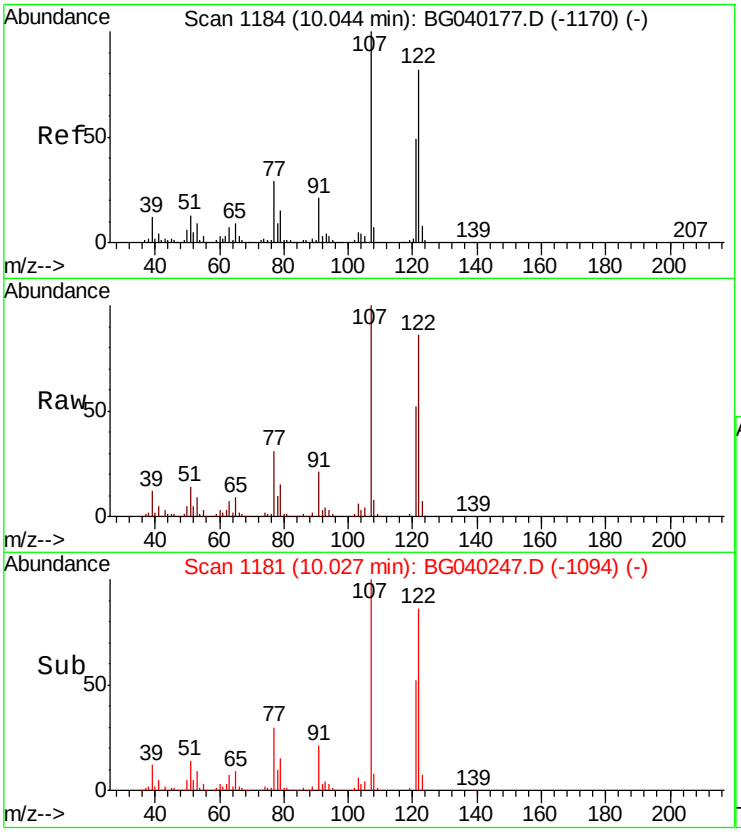




#26
2-Nitrophenol
Concen: 43.505 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:139 Resp: 134641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 31.3 | 24.1 | 36.1 |
| 65 | 52.0 | 43.0 | 64.6 |



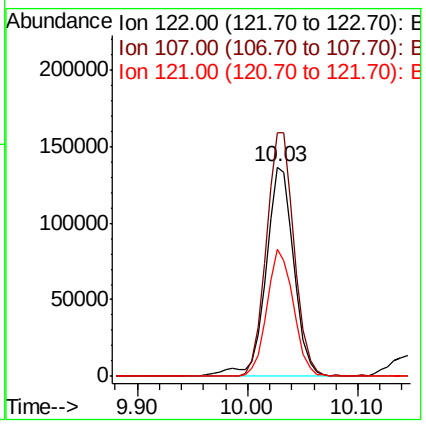


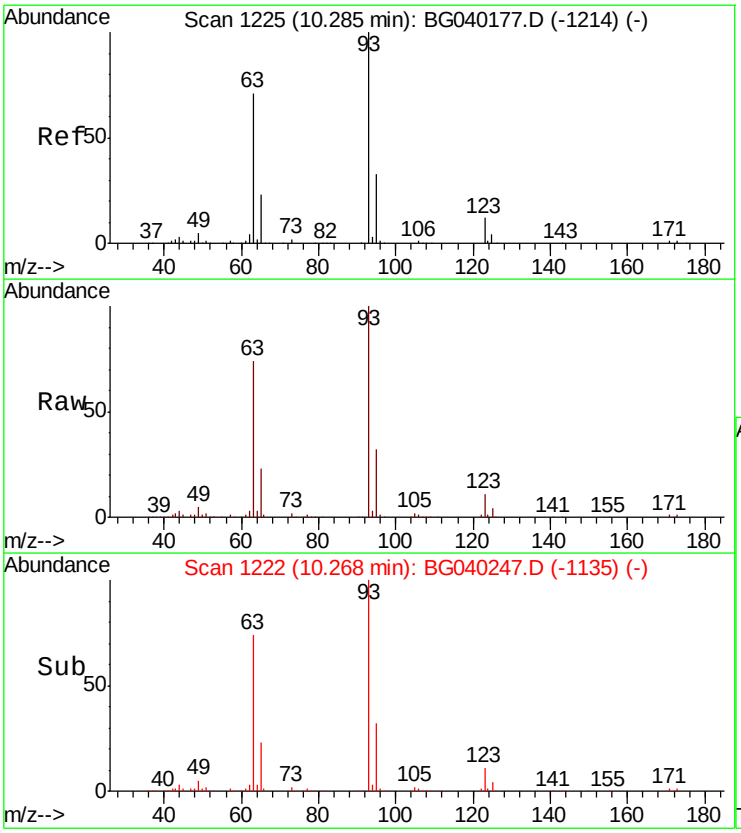

#27
2,4-Dimethylphenol
Concen: 49.086 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:122 Resp: 241304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 116.1 | 97.4 | 146.2 |
| 121 | 60.9 | 47.7 | 71.5 |

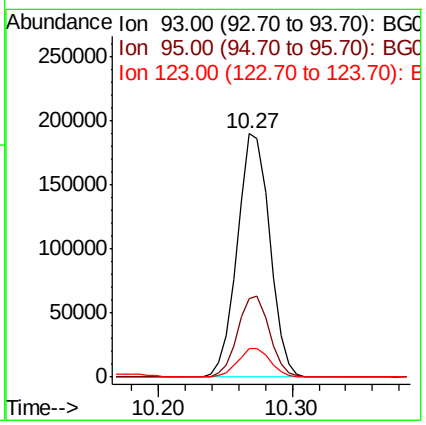


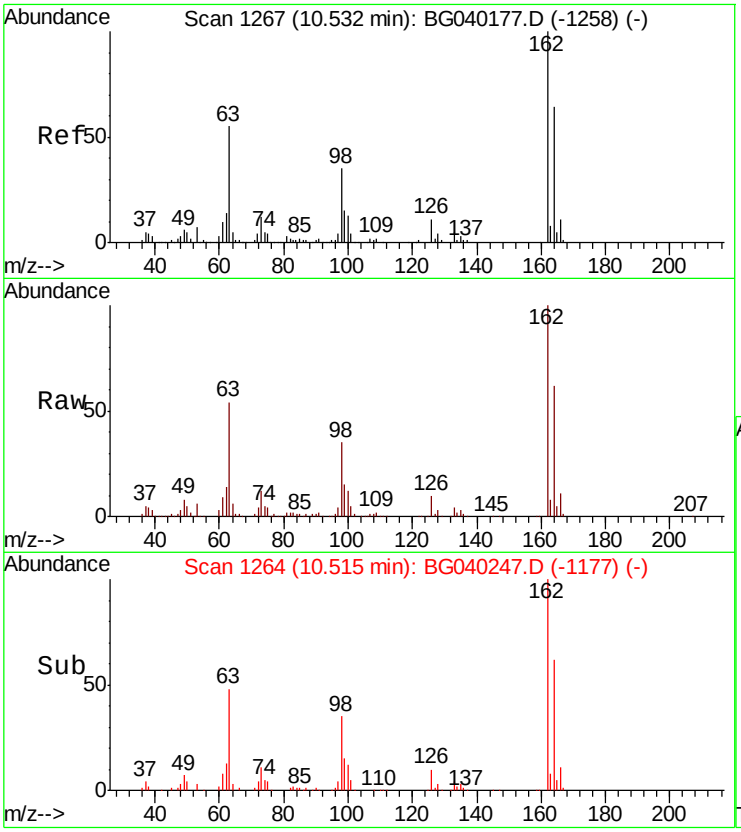




#28
bis(2-Chloroethoxy)methane
Concen: 41.532 ng
RT: 10.27 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion: 93 Resp: 318879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.2 | 26.2 | 39.4 |
| 123 | 11.5 | 9.4 | 14.0 |



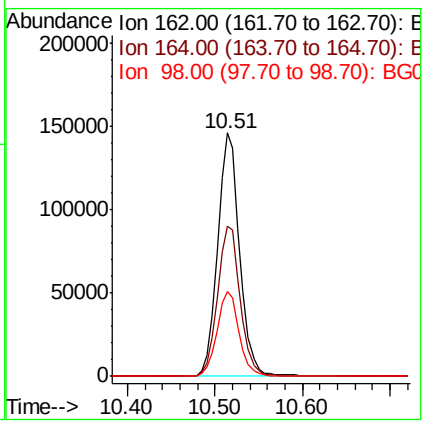


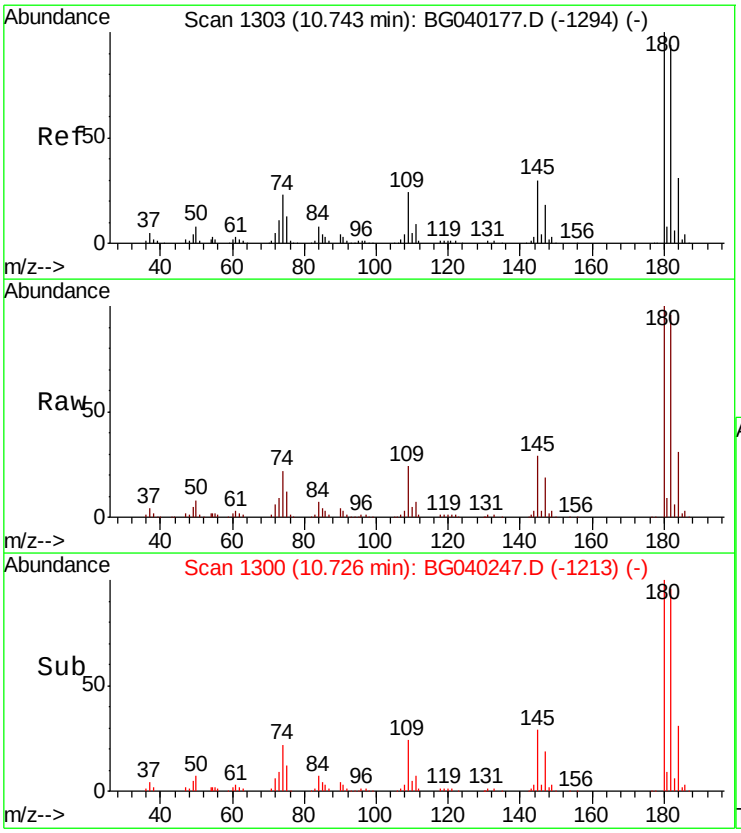

#29
2,4-Dichlorophenol
Concen: 47.398 ng
RT: 10.51 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:162 Resp: 252910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 61.9 | 43.9 | 83.9 |
| 98 | 35.1 | 15.6 | 55.6 |

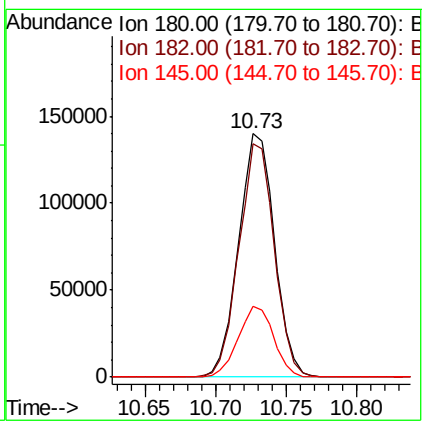


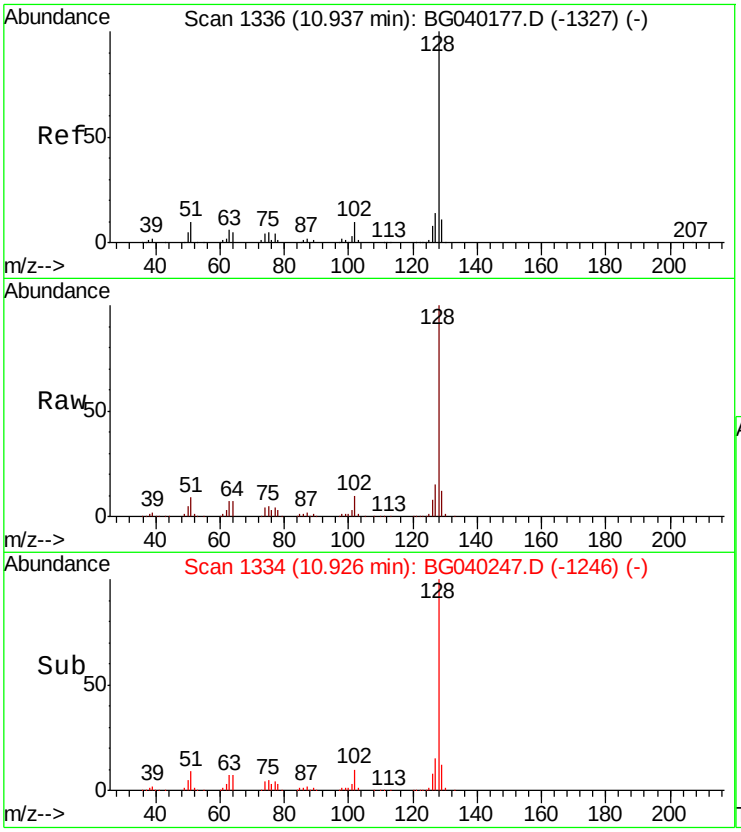




#30
1,2,4-Trichlorobenzene
Concen: 42.527 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:180 Resp: 249166

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.8 | 75.1 | 112.7 |
| 145 | 29.0 | 24.1 | 36.1 |



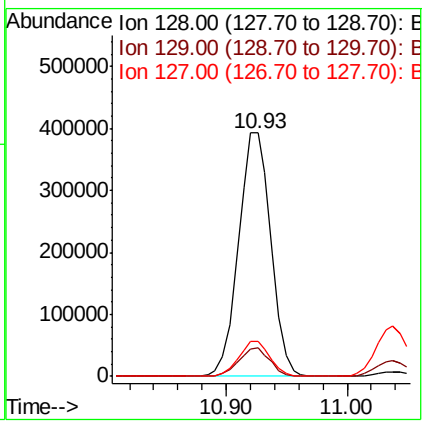


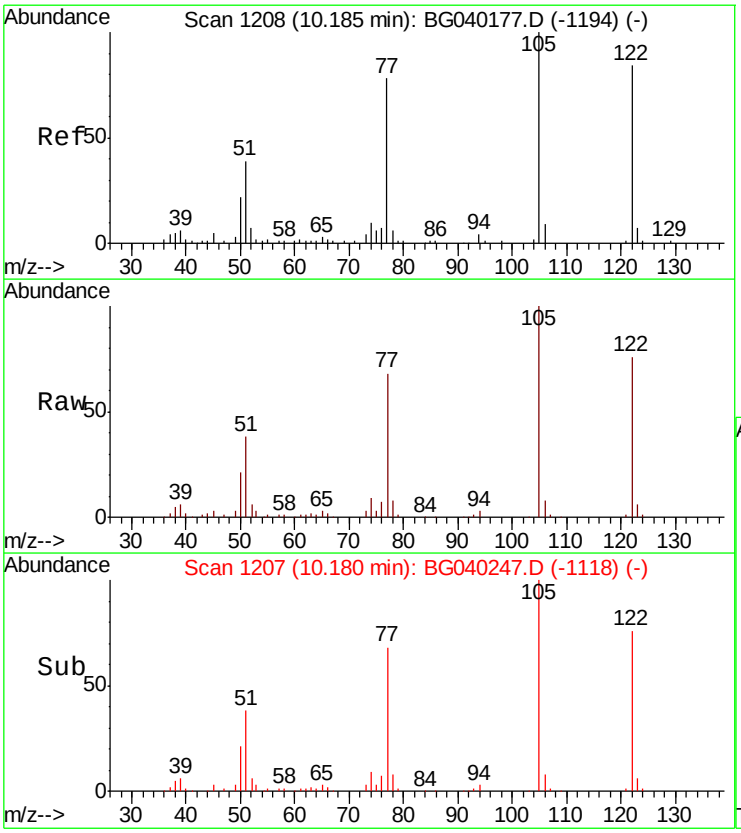

#31
Naphthalene
Concen: 42.482 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:128 Resp: 730027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.7 | 8.9 | 13.3 |
| 127 | 14.5 | 11.4 | 17.0 |

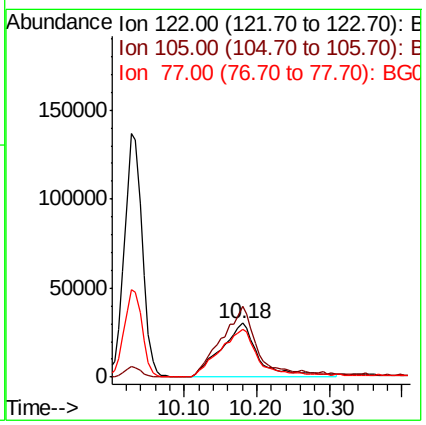


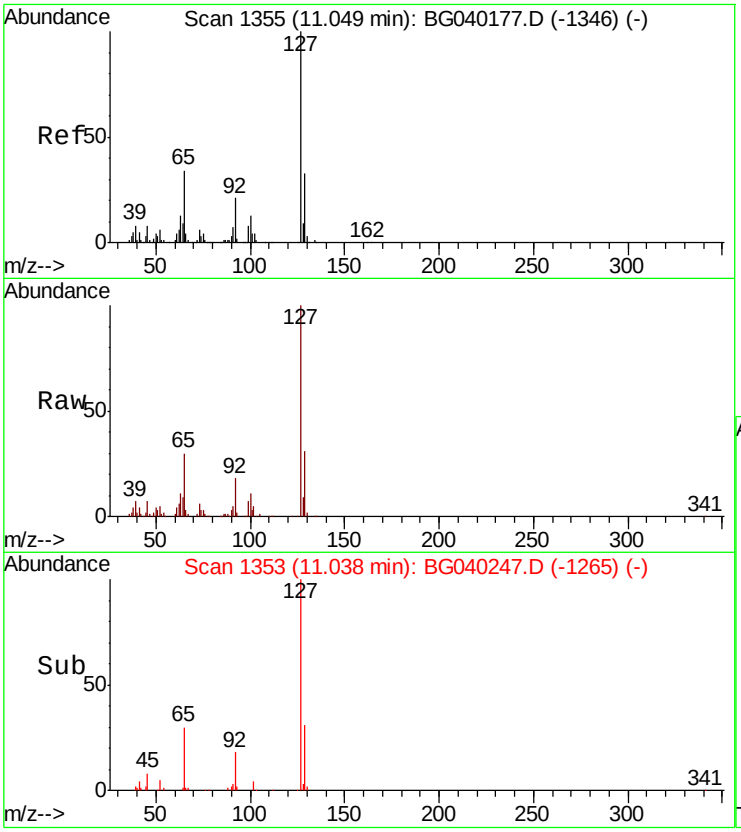




#32
Benzoic acid
Concen: 35.085 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:122 Resp: 104207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 132.2 | 98.2 | 138.2 |
| 77 | 89.9 | 73.6 | 113.6 |



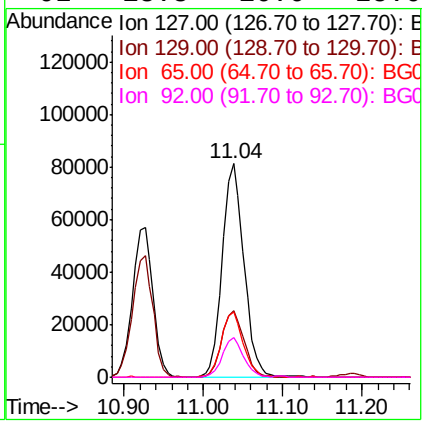


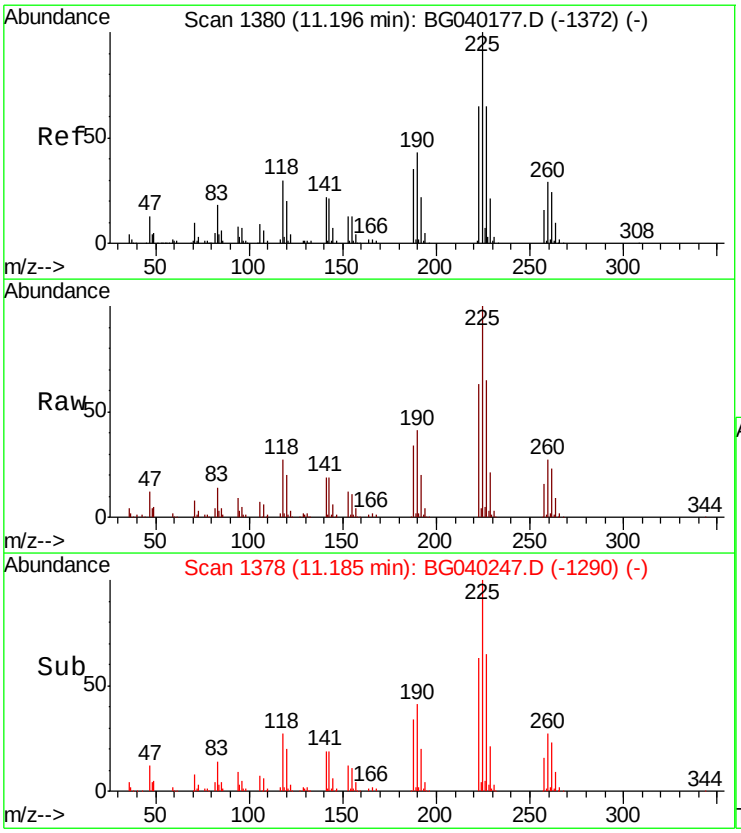

#33
4-Chloroaniline
Concen: 21.063 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:127 Resp: 154389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.3 | 26.6 | 40.0 |
| 65 | 30.3 | 27.0 | 40.4 |
| 92 | 18.3 | 16.6 | 25.0 |

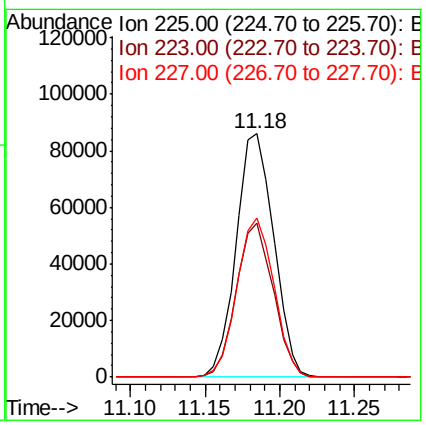


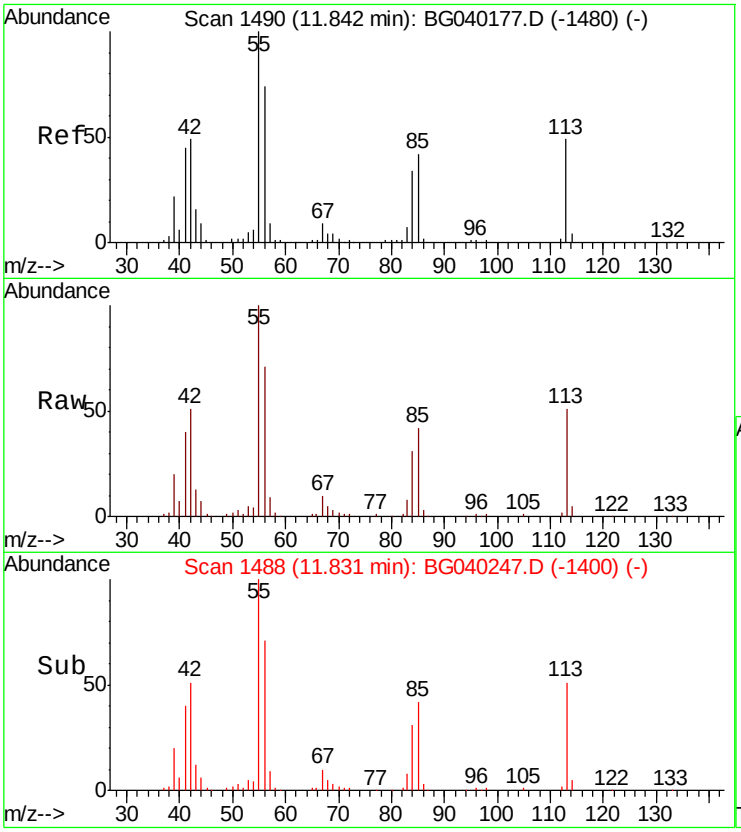




#34
Hexachlorobutadiene
Concen: 40.071 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:225 Resp: 150151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.3 | 51.8 | 77.8 |
| 227 | 65.2 | 54.9 | 82.3 |



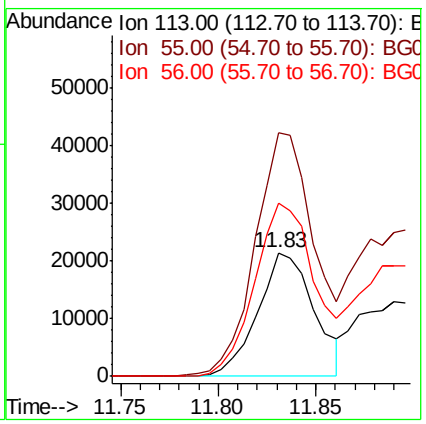


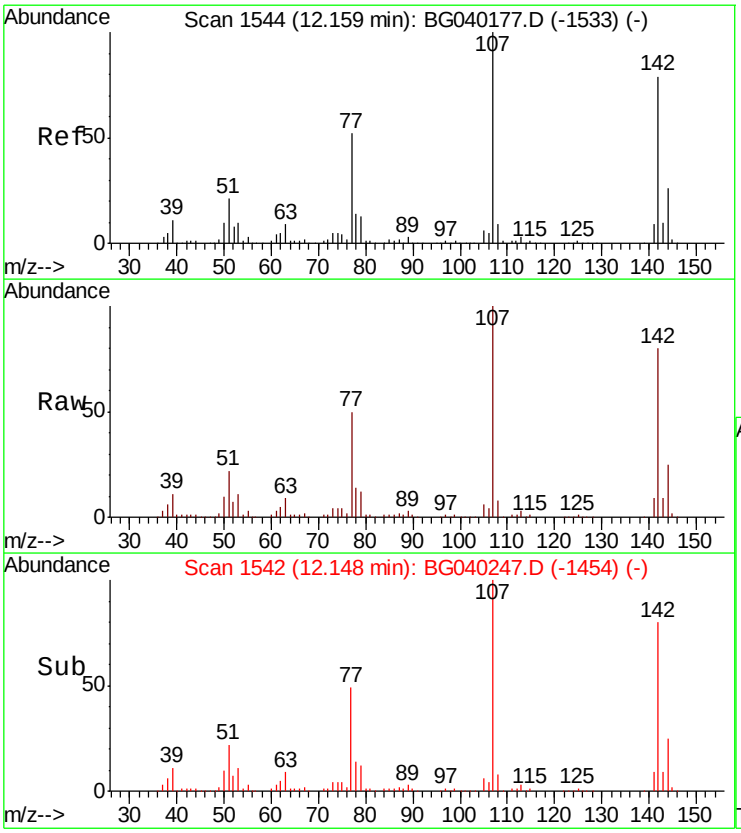

#35
Caprolactam
Concen: 20.121 ng
RT: 11.83 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:113 Resp: 42607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 196.5 | 184.2 | 224.2 |
| 56 | 140.1 | 131.3 | 171.3 |

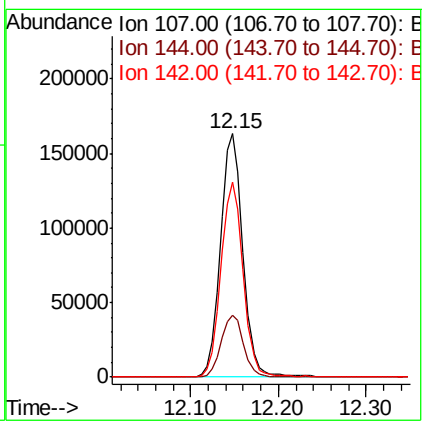


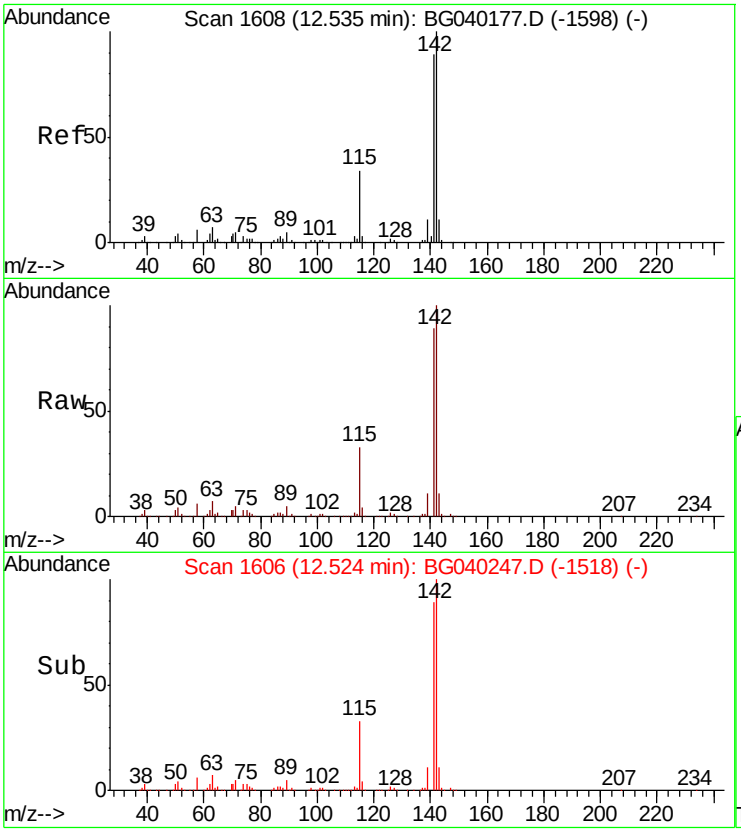




#36
4-Chloro-3-methylphenol
Concen: 46.915 ng
RT: 12.15 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:107 Resp: 287791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.5 | 20.5 | 30.7 |
| 142 | 80.3 | 63.1 | 94.7 |



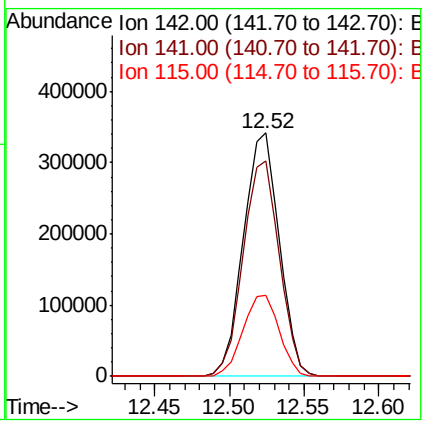


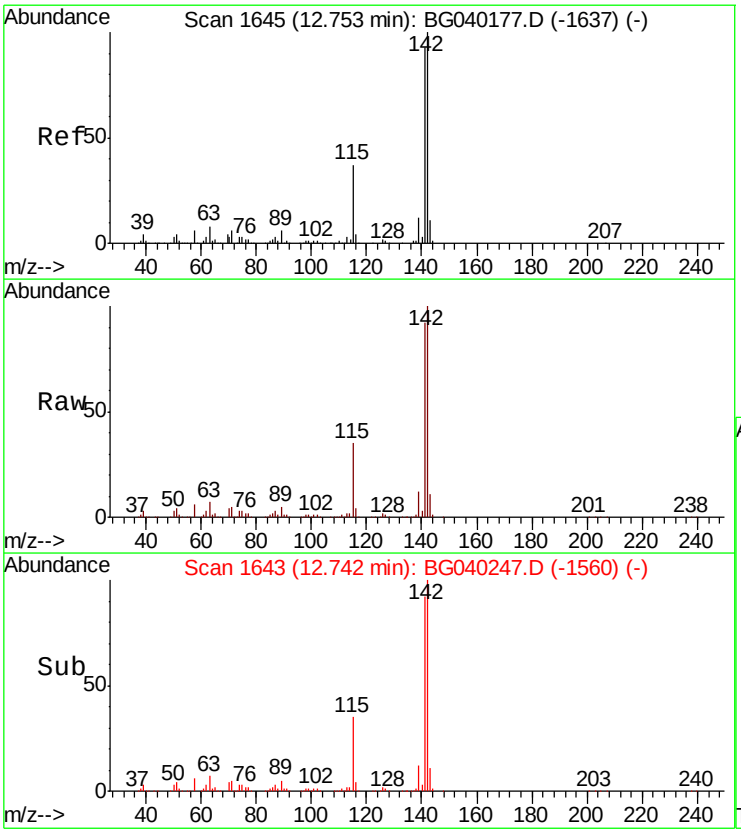

#37
2-Methylnaphthalene
Concen: 44.706 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:142 Resp: 568182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.6 | 71.0 | 106.6 |
| 115 | 33.4 | 27.3 | 40.9 |

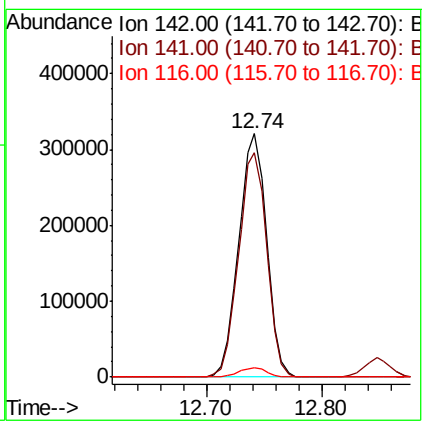


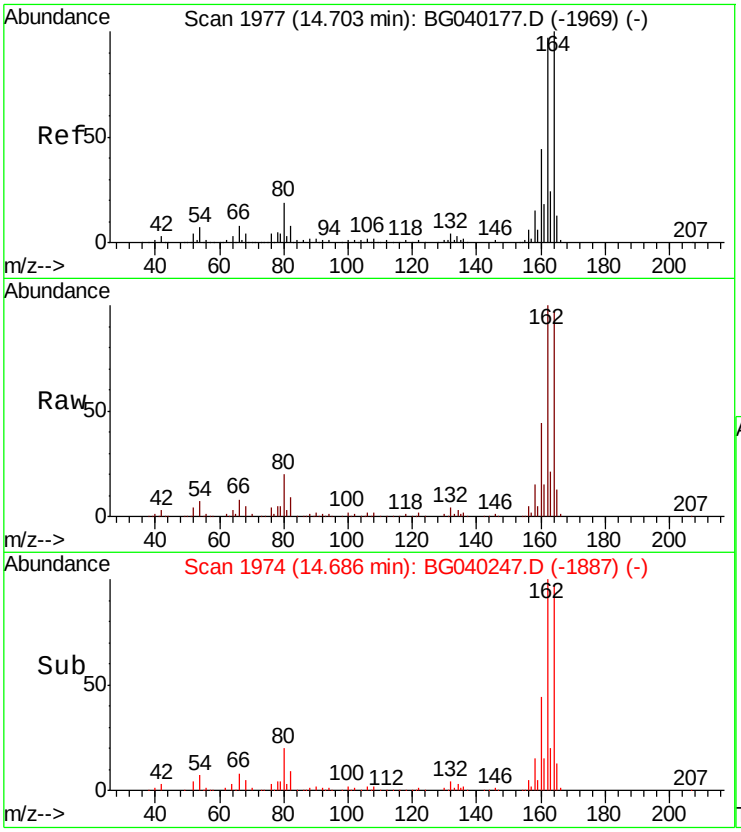




#38
1-Methylnaphthalene
Concen: 43.517 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:142 Resp: 536301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.1 | 74.2 | 111.4 |
| 116 | 3.8 | 3.0 | 4.4 |



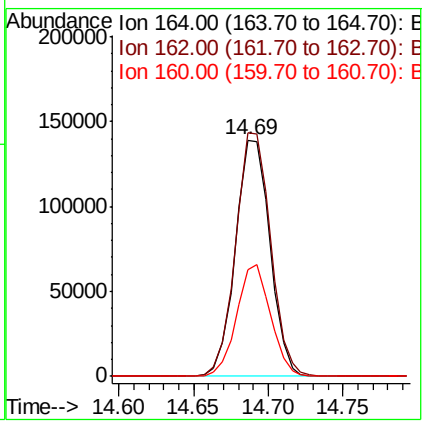


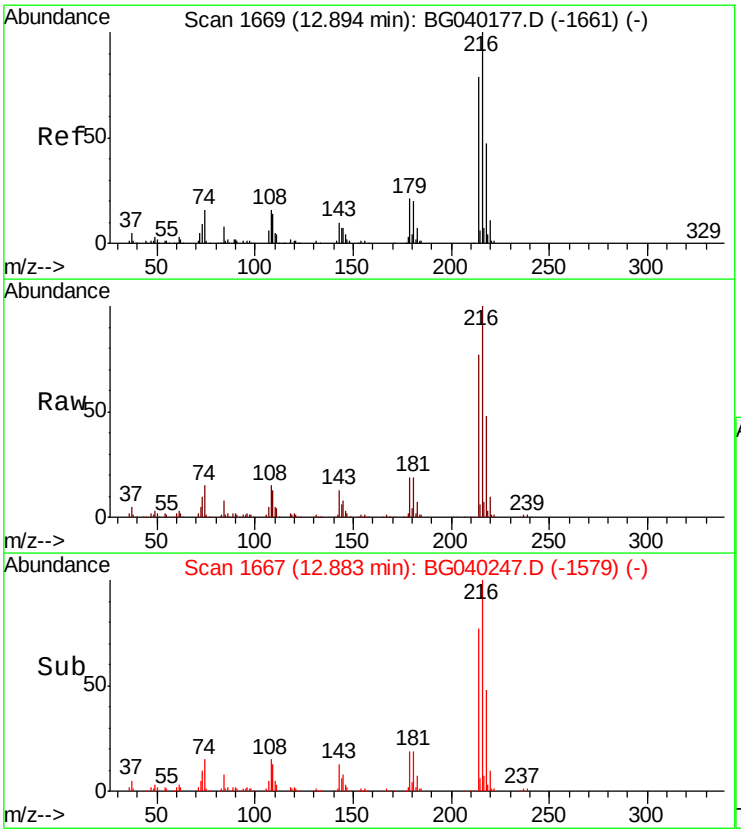

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:164 Resp: 223041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.2 | 77.4 | 116.2 |
| 160 | 45.4 | 35.3 | 52.9 |

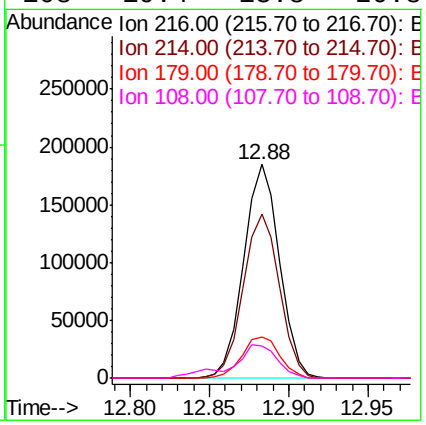


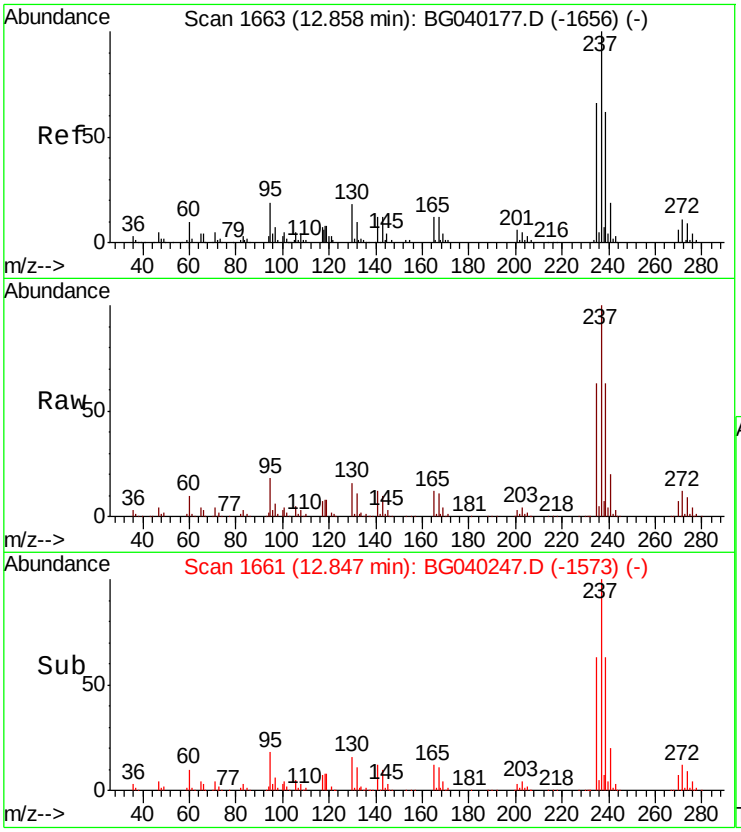




#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.819 ng
RT: 12.88 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:216 Resp: 289370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 77.9 | 63.5 | 95.3 |
| 179 | 20.2 | 16.6 | 25.0 |
| 108 | 19.4 | 13.8 | 20.8 |



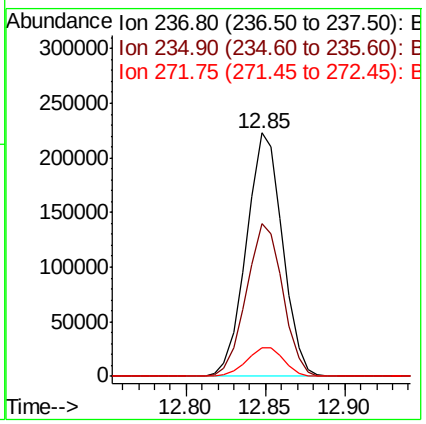


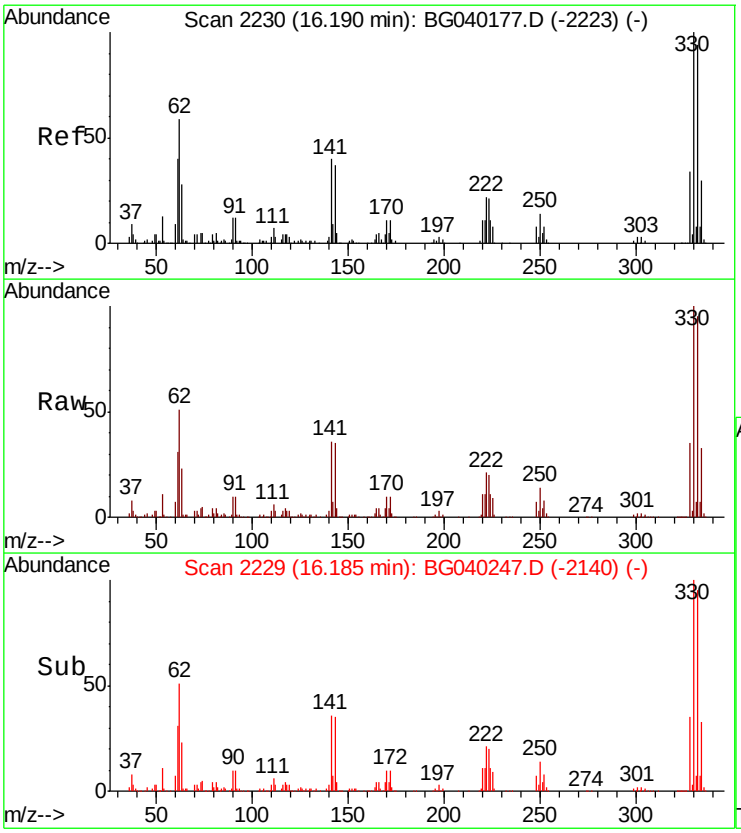

#41
Hexachlorocyclopentadiene
Concen: 90.732 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:237 Resp: 353164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.0 | 46.2 | 86.2 |
| 272 | 11.7 | 0.0 | 30.5 |

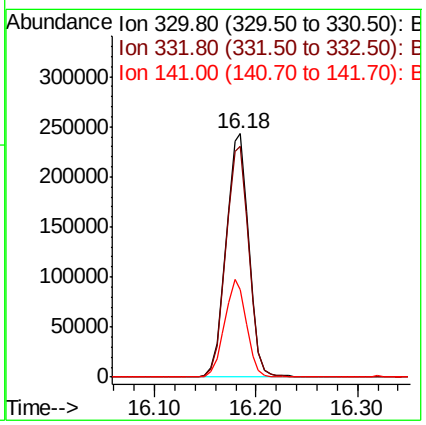


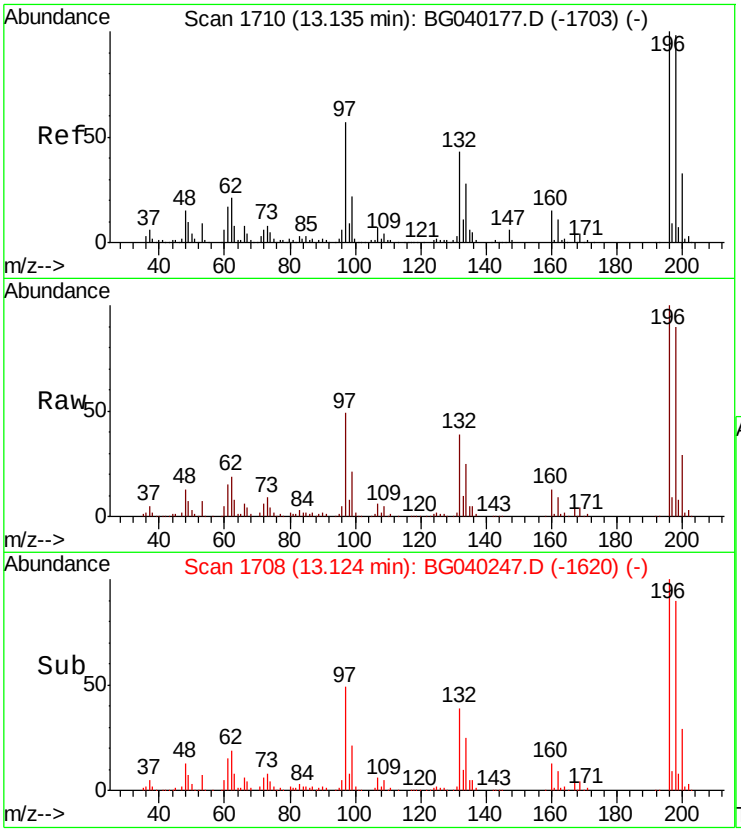




#42
2,4,6-Tribromophenol
Concen: 156.379 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:330 Resp: 376951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.1 | 76.6 | 115.0 |
| 141 | 38.7 | 32.6 | 48.8 |



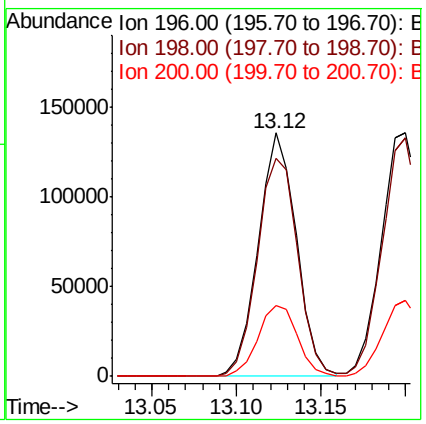


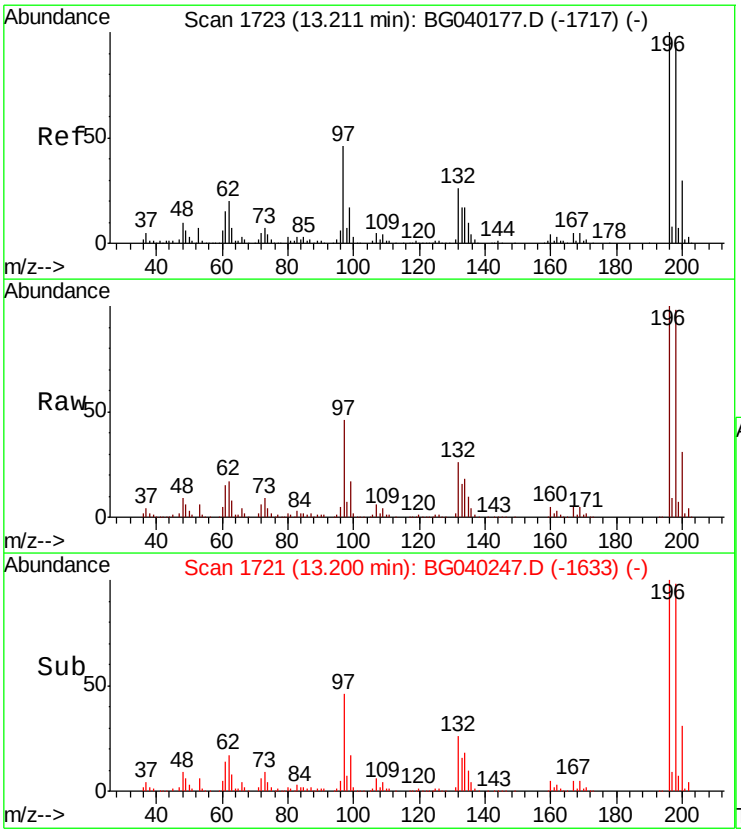

#43
2,4,6-Trichlorophenol
Concen: 46.450 ng
RT: 13.12 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:196 Resp: 212299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 89.9 | 78.3 | 117.5 |
| 200 | 29.0 | 26.0 | 39.0 |

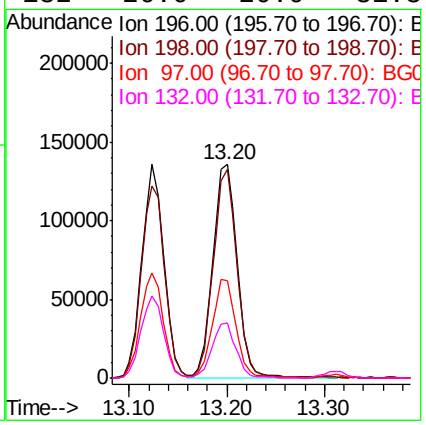


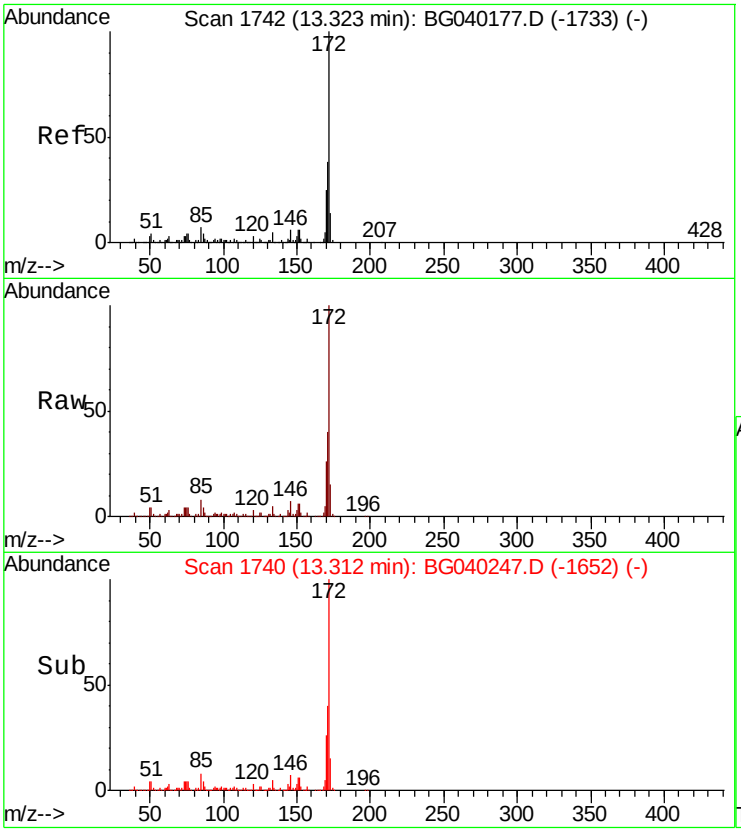




#44
2,4,5-Trichlorophenol
Concen: 46.992 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:196 Resp: 234104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 98.0 | 75.0 | 112.6 |
| 97 | 45.7 | 37.3 | 55.9 |
| 132 | 26.0 | 20.9 | 31.3 |



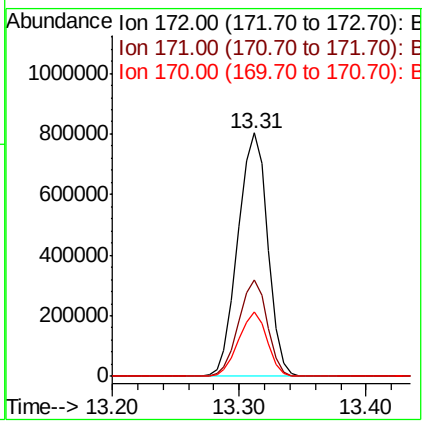


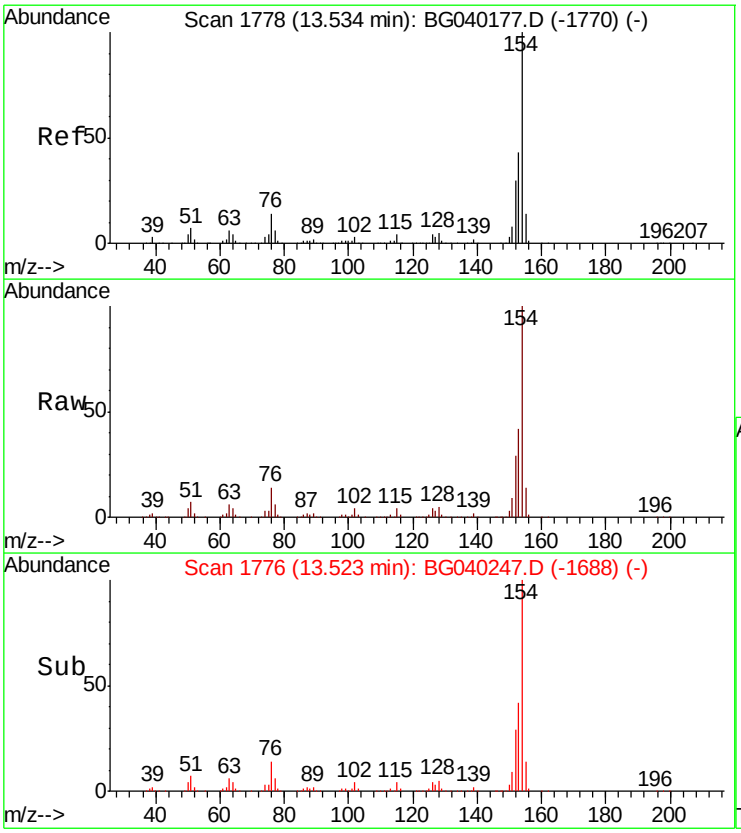

#45
2-Fluorobiphenyl
Concen: 86.636 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:172 Resp: 1304076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 39.8 | 30.5 | 45.7 |
| 170 | 26.5 | 20.1 | 30.1 |

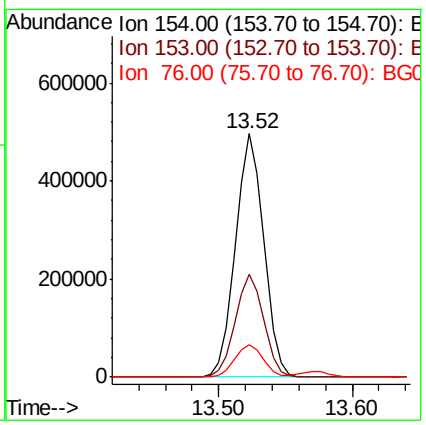


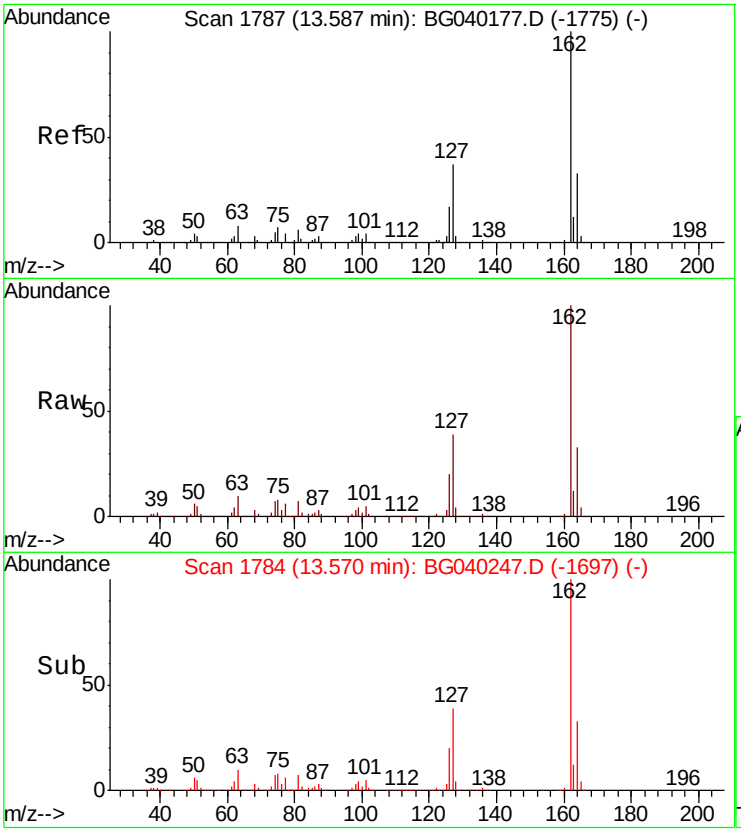




#46
1,1'-Biphenyl
Concen: 41.138 ng
RT: 13.52 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:154 Resp: 724980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 42.3 | 22.5 | 62.5 |
| 76 | 13.5 | 0.0 | 33.7 |



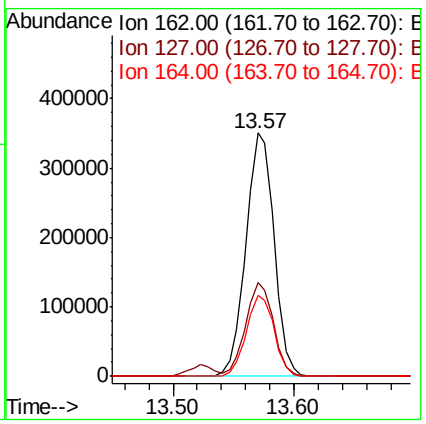


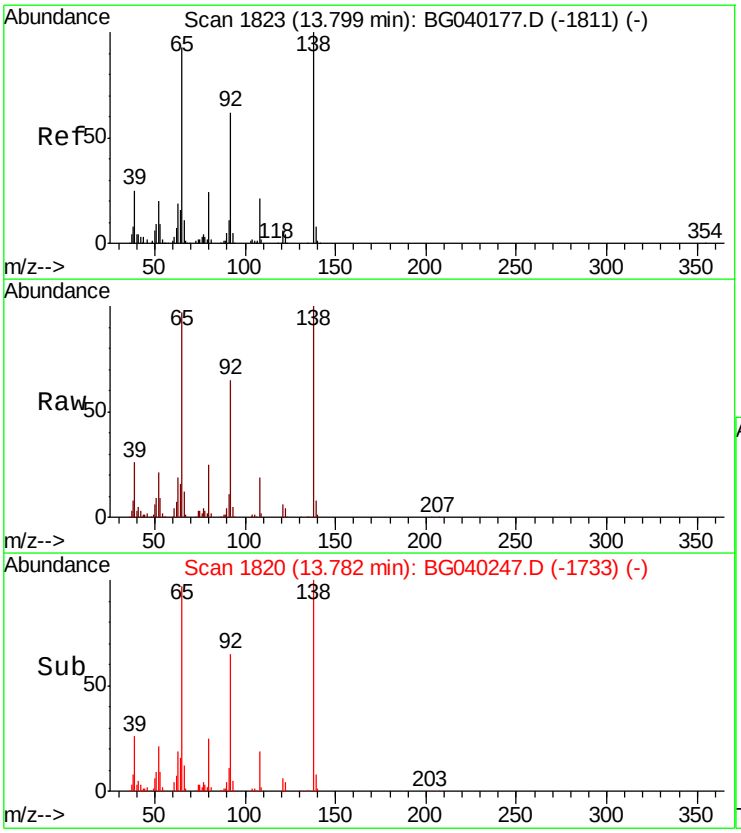

#47
2-Chloronaphthalene
Concen: 42.153 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.02 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:162 Resp: 569833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 38.5 | 30.6 | 45.8 |
| 164 | 33.4 | 26.2 | 39.4 |

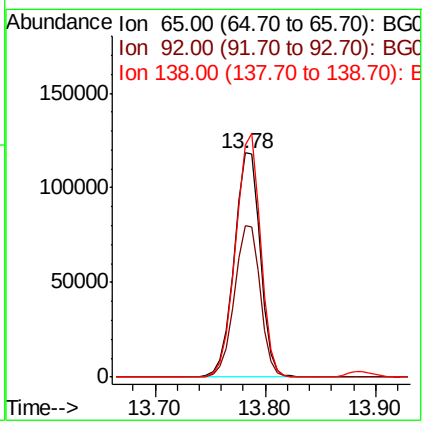


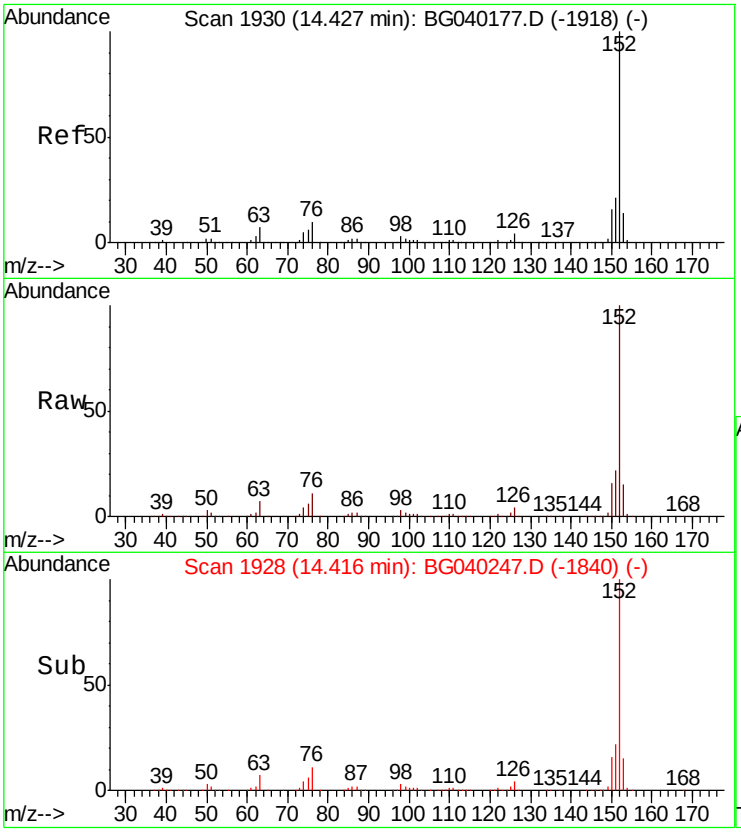




#48
2-Nitroaniline
Concen: 43.208 ng
RT: 13.78 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion: 65 Resp: 197016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 67.7 | 53.8 | 80.6 |
| 138 | 103.4 | 86.3 | 129.5 |



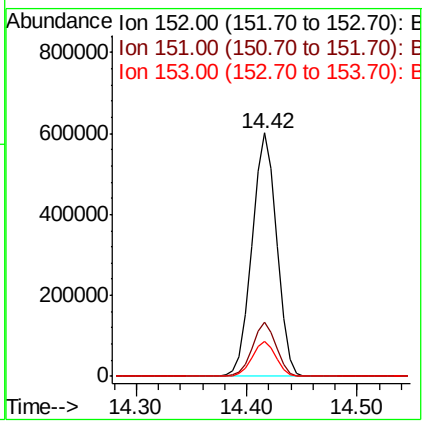


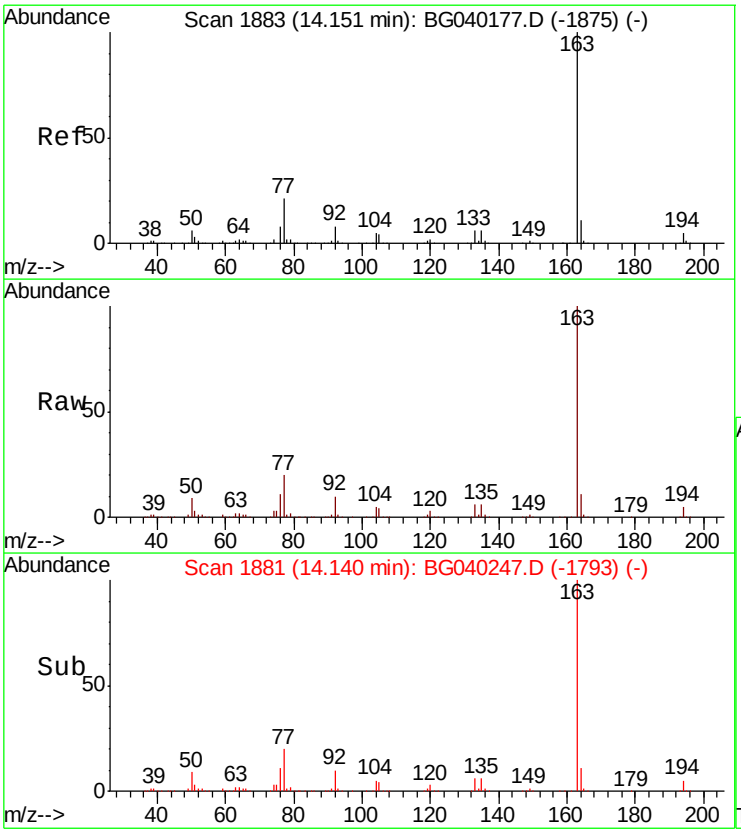

#49
Acenaphthylene
Concen: 41.265 ng
RT: 14.42 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:152 Resp: 945774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 22.3 | 17.0 | 25.6 |
| 153 | 14.6 | 10.8 | 16.2 |

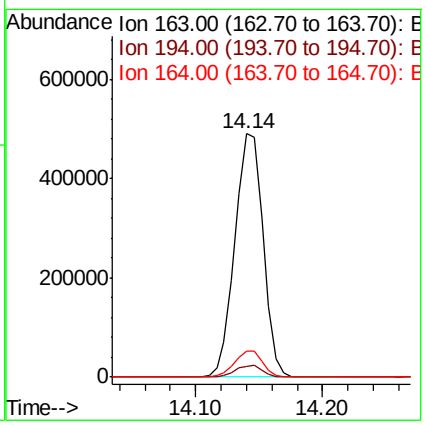


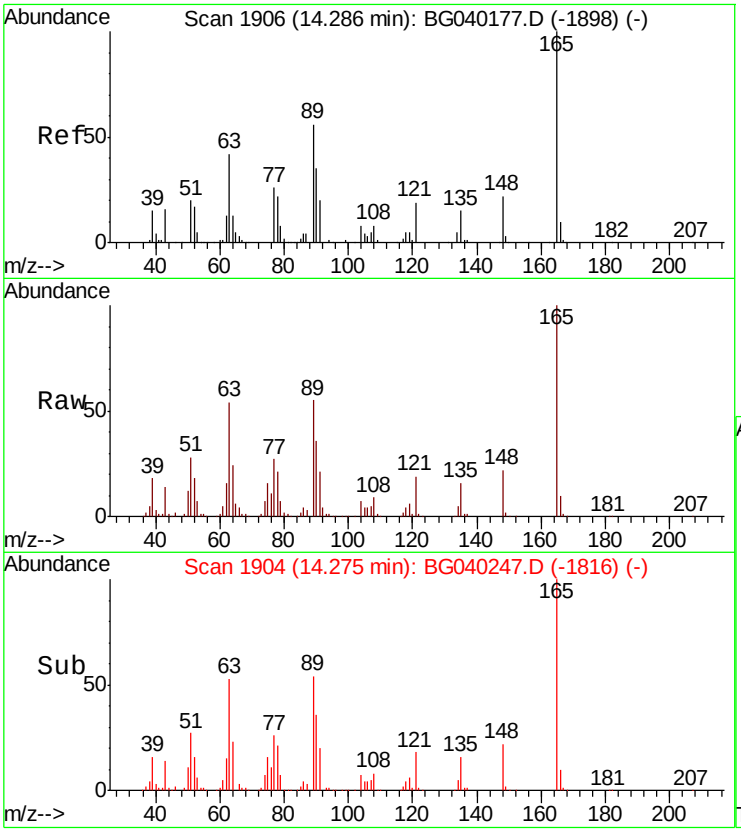




#50
Dimethylphthalate
Concen: 43.290 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:163 Resp: 755670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.6 | 4.1 | 6.1 |
| 164 | 10.9 | 8.6 | 13.0 |



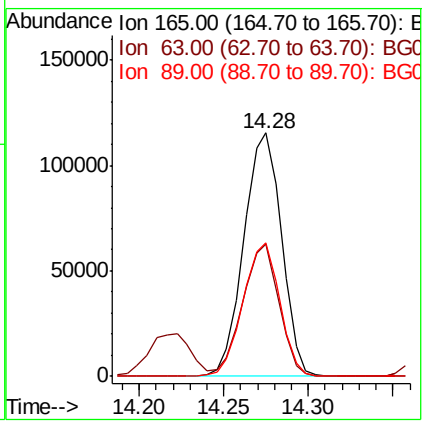


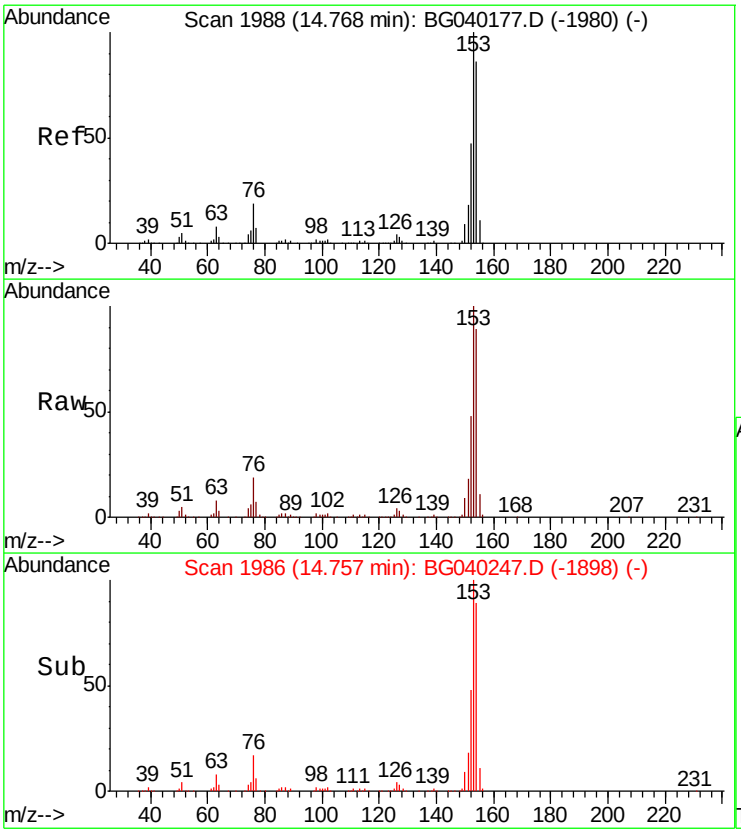

#51
2,6-Dinitrotoluene
Concen: 45.732 ng
RT: 14.28 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:165 Resp: 179247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 54.1 | 44.1 | 66.1 |
| 89 | 54.6 | 44.9 | 67.3 |

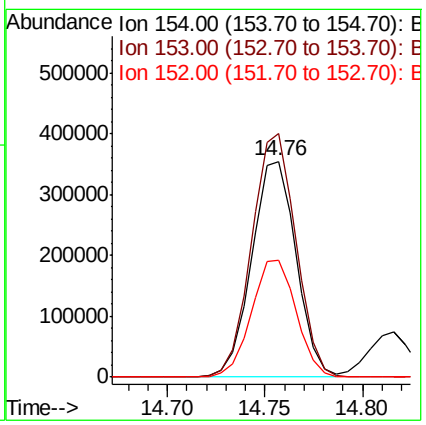


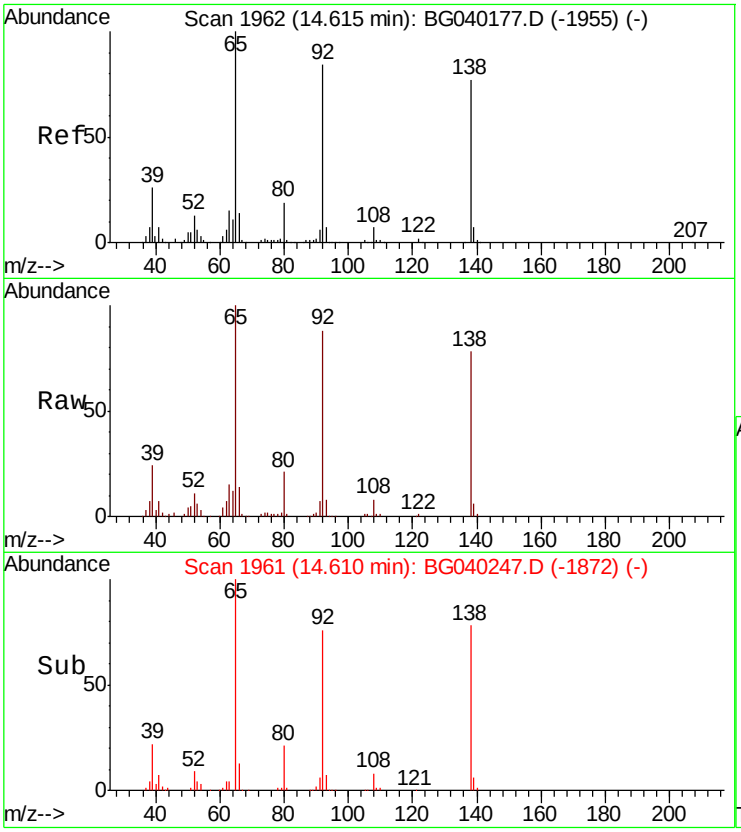




#52
Acenaphthene
Concen: 42.566 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:154 Resp: 559030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.0 | 92.8 | 139.2 |
| 152 | 54.4 | 43.4 | 65.2 |



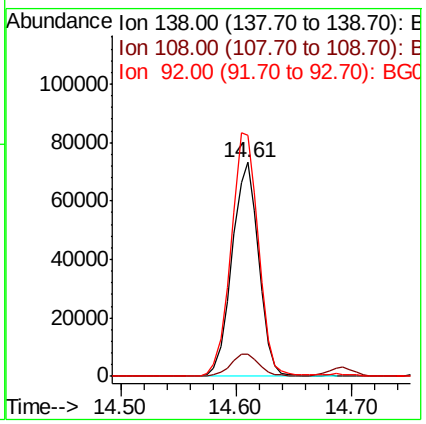


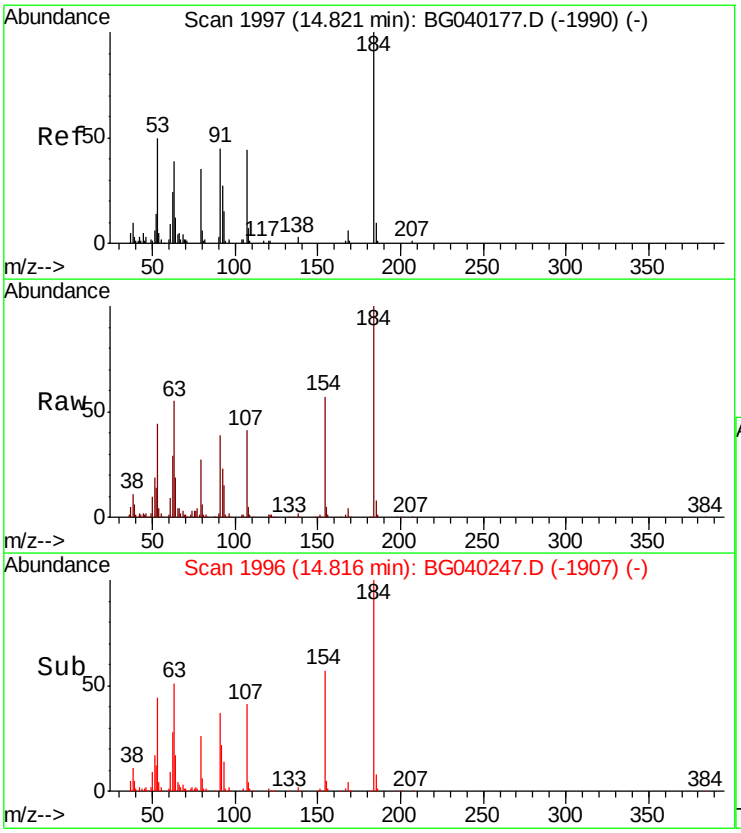

#53
3-Nitroaniline
Concen: 28.175 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:138 Resp: 116896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.2 | 7.8 | 11.8 |
| 92 | 112.6 | 87.5 | 131.3 |

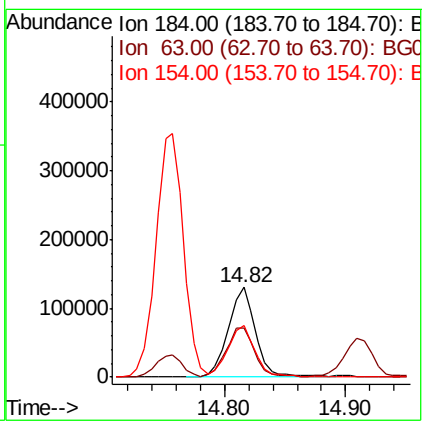


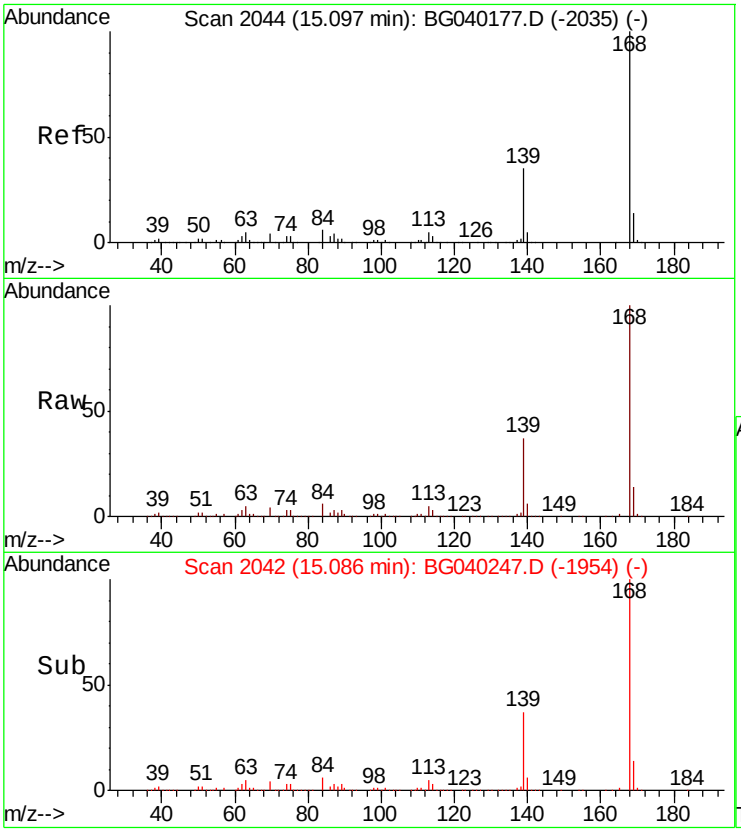




#54
2,4-Dinitrophenol
Concen: 98.333 ng
RT: 14.82 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:184 Resp: 204974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 55.1 | 51.8 | 77.8 |
| 154 | 56.9 | 50.9 | 76.3 |



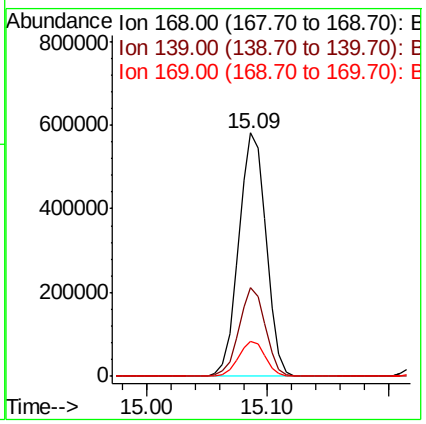


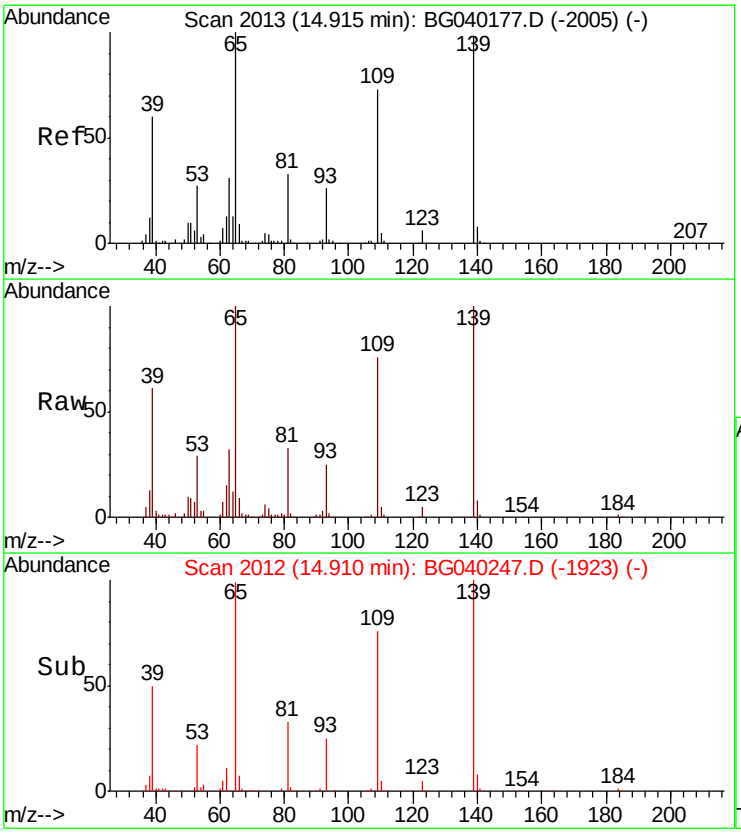

#55
Dibenzofuran
Concen: 43.394 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:168 Resp: 915747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.6 | 27.9 | 41.9 |
| 169 | 14.1 | 11.3 | 16.9 |

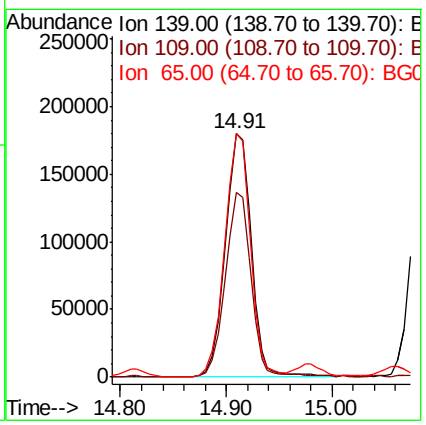


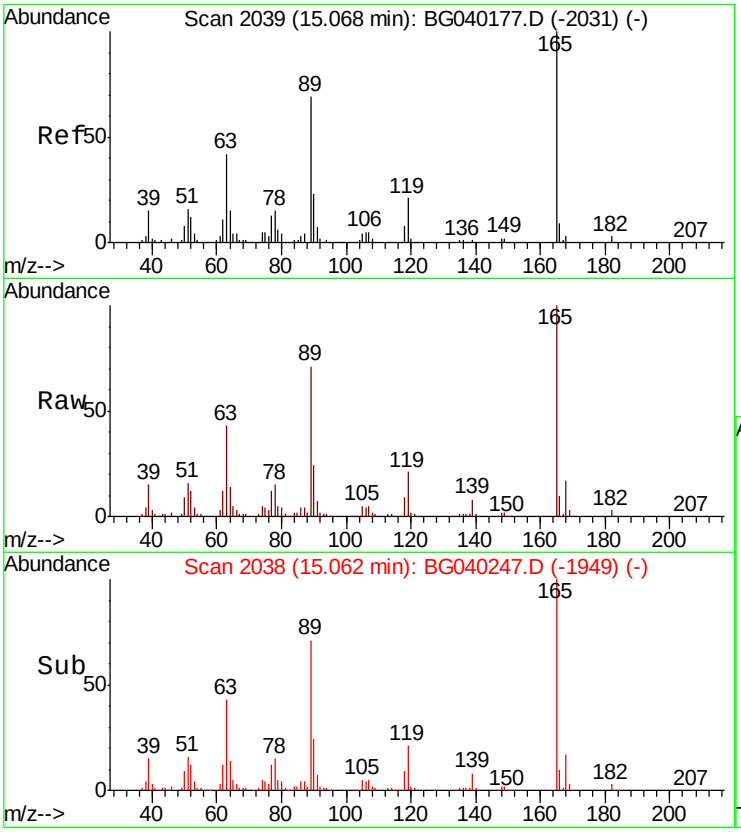




#56
4-Nitrophenol
Concen: 91.372 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:139 Resp: 305963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 75.8 | 54.3 | 94.3 |
| 65 | 100.1 | 82.5 | 122.5 |



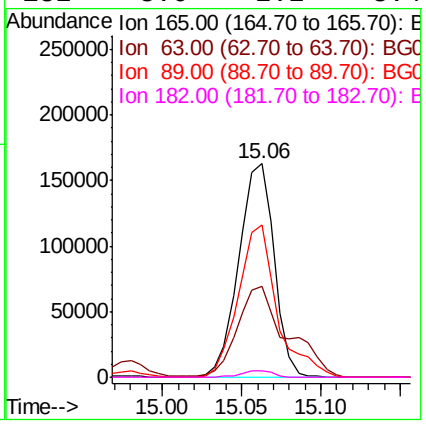


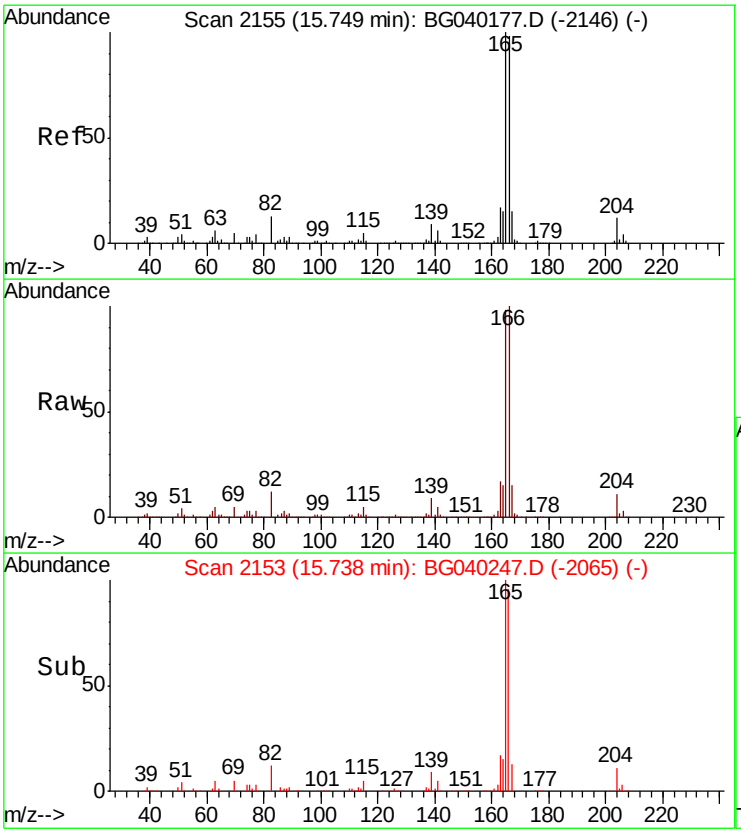

#57
2,4-Dinitrotoluene
Concen: 46.300 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:165 Resp: 252157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 42.8 | 33.8 | 50.6 |
| 89 | 71.1 | 55.4 | 83.2 |
| 182 | 3.0 | 2.2 | 3.4 |

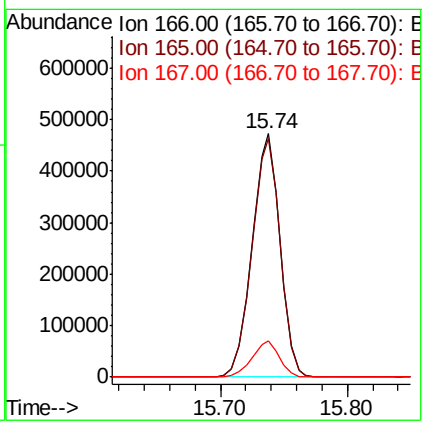


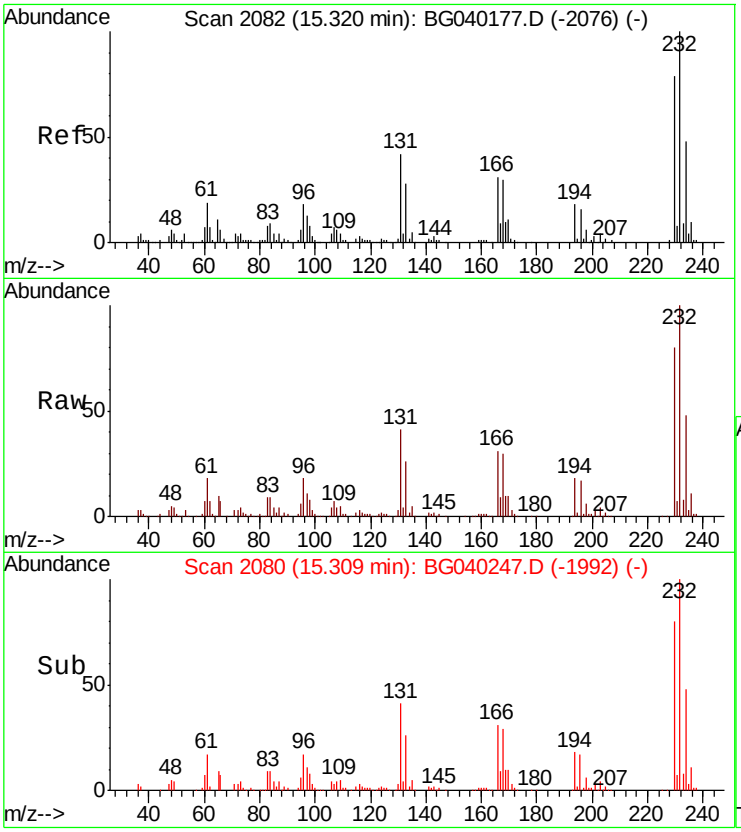




#58
Fluorene
Concen: 43.555 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:166 Resp: 722660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.9 | 81.7 | 122.5 |
| 167 | 14.7 | 11.9 | 17.9 |



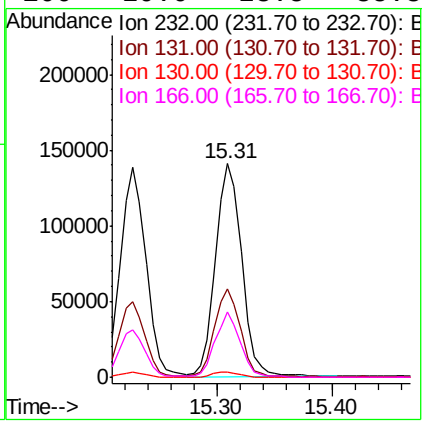


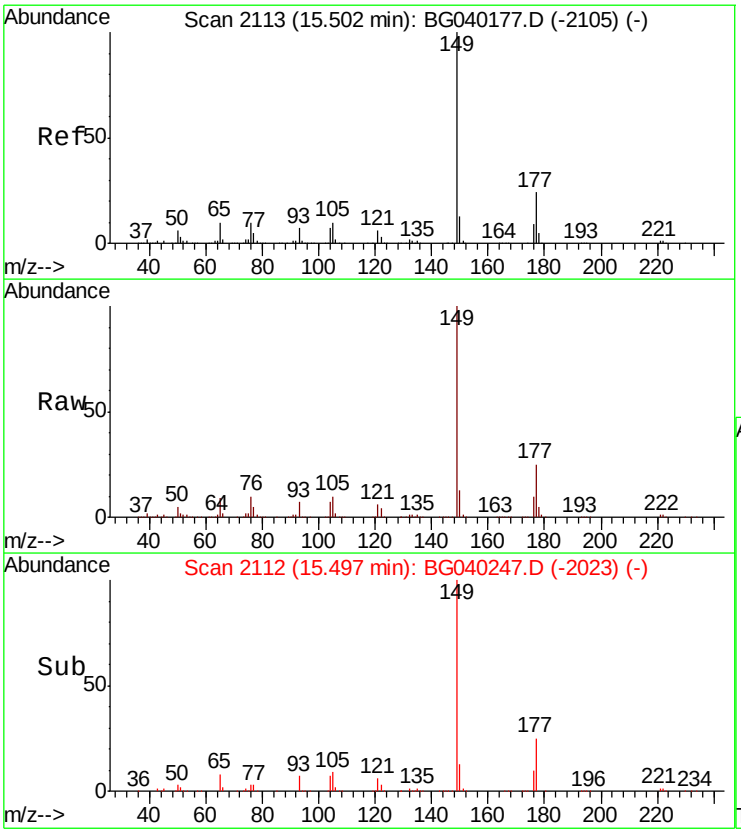

#59
2,3,4,6-Tetrachlorophenol
Concen: 49.144 ng
RT: 15.31 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:232 Resp: 222166

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 40.5 | 32.9 | 49.3 |
| 130 | 2.6 | 1.8 | 2.8 |
| 166 | 29.0 | 23.5 | 35.3 |

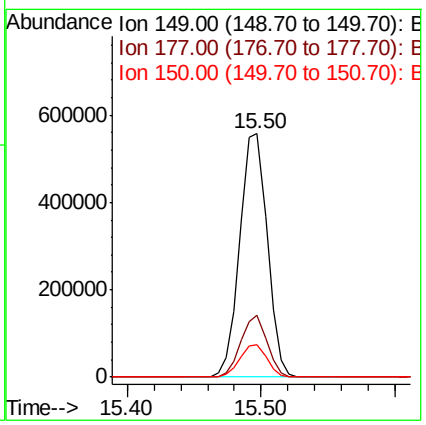


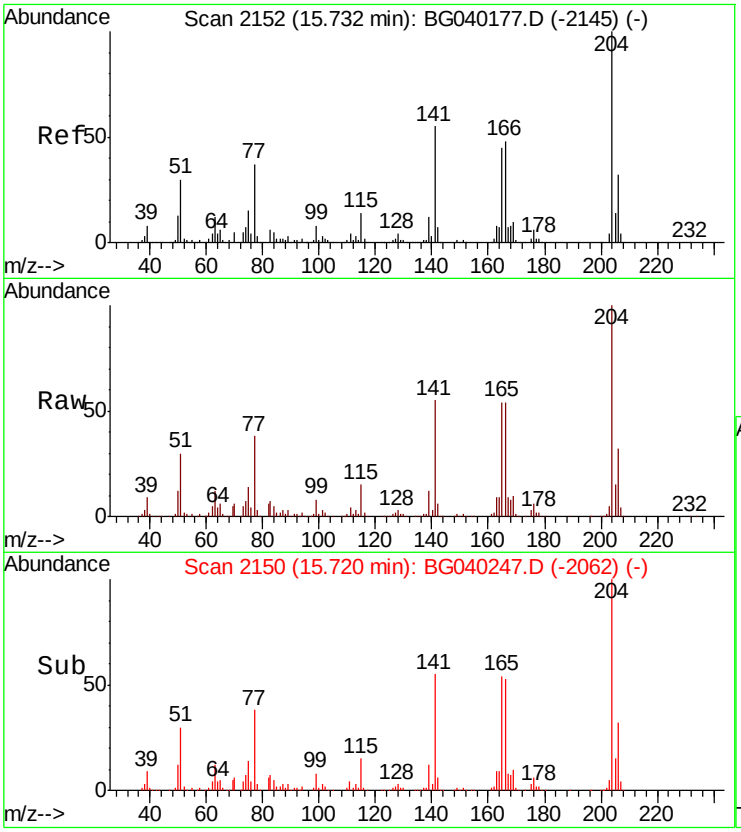




#60
Diethylphthalate
Concen: 44.382 ng
RT: 15.50 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:149 Resp: 792774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 25.2 | 19.1 | 28.7 |
| 150 | 13.1 | 10.6 | 15.8 |



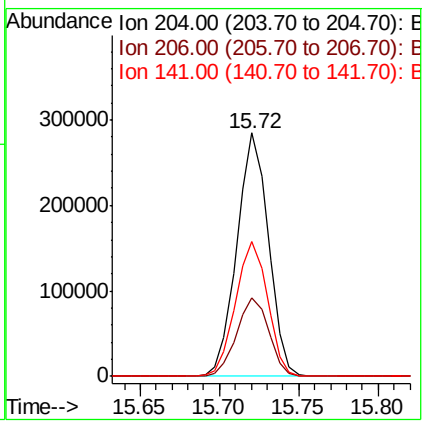


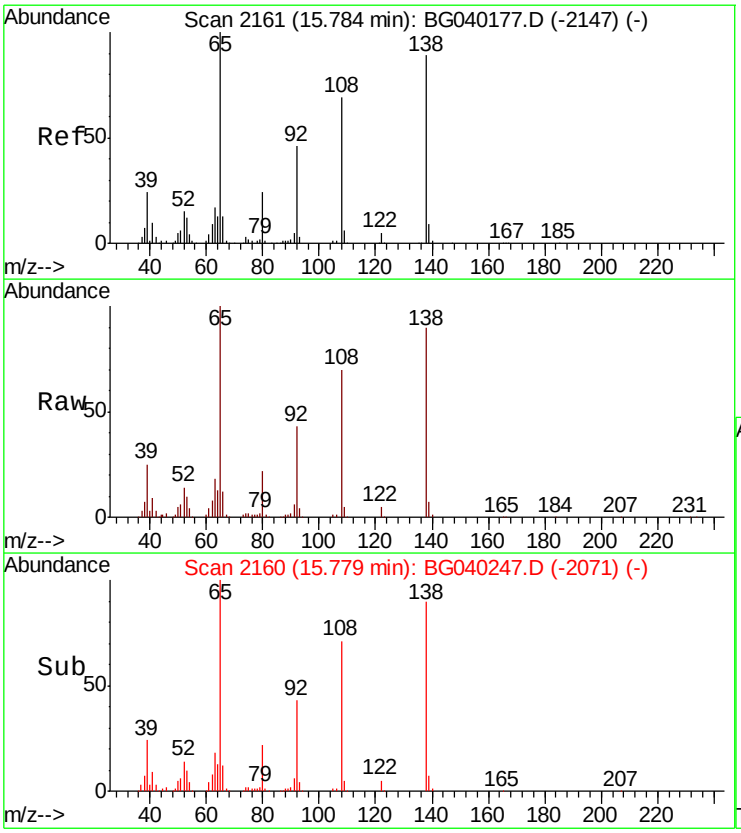

#61
4-Chlorophenyl-phenylether
Concen: 44.367 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:204 Resp: 393483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.0 | 25.7 | 38.5 |
| 141 | 55.5 | 44.0 | 66.0 |

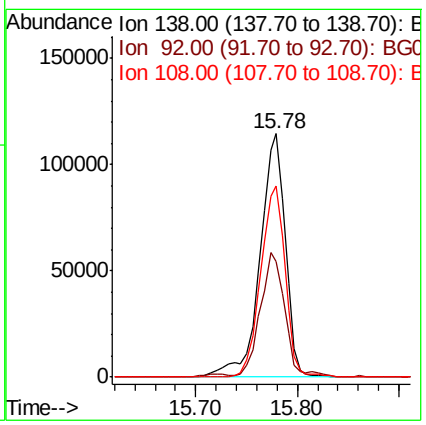


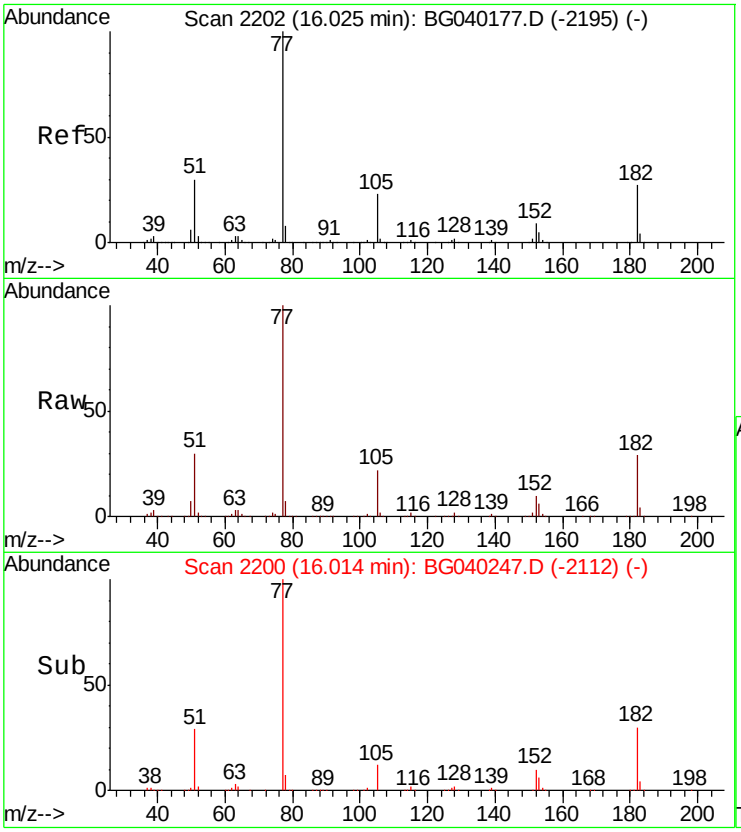




#62
4-Nitroaniline
Concen: 44.553 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:138 Resp: 198374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 47.6 | 31.8 | 71.8 |
| 108 | 78.3 | 57.2 | 97.2 |



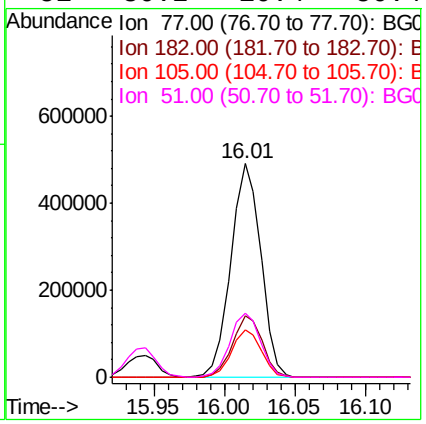


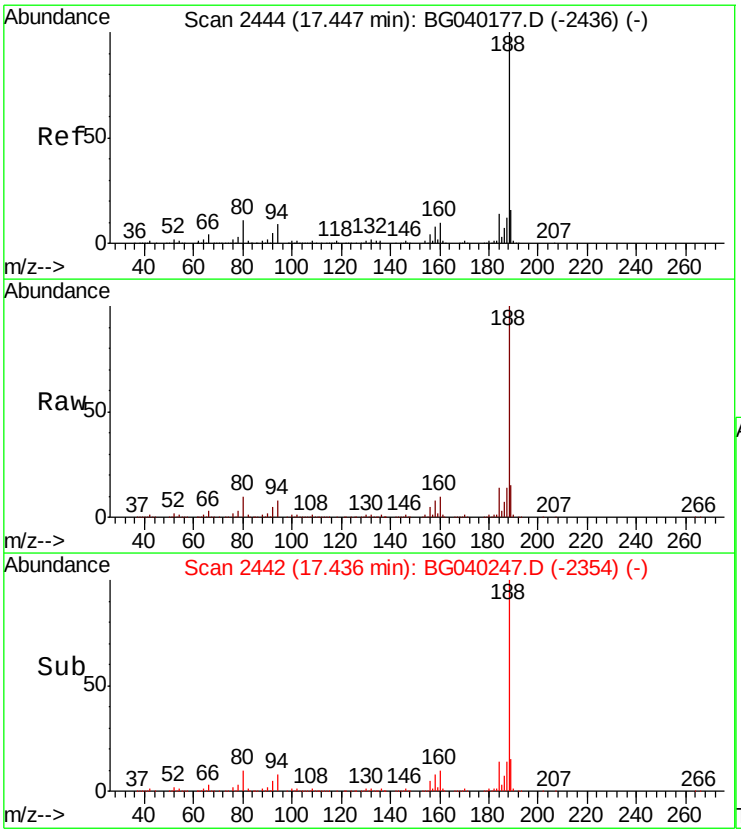

#63
Azobenzene
Concen: 43.131 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion: 77 Resp: 726714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 28.7 | 7.2 | 47.2 |
| 105 | 22.2 | 2.8 | 42.8 |
| 51 | 30.2 | 10.4 | 50.4 |

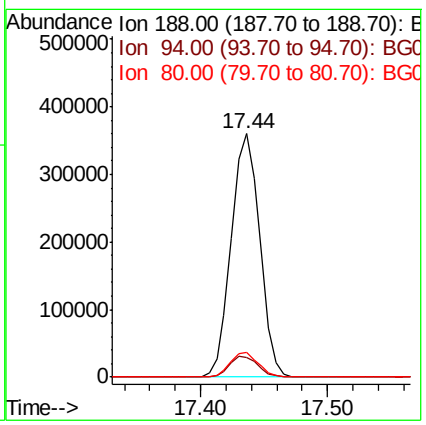


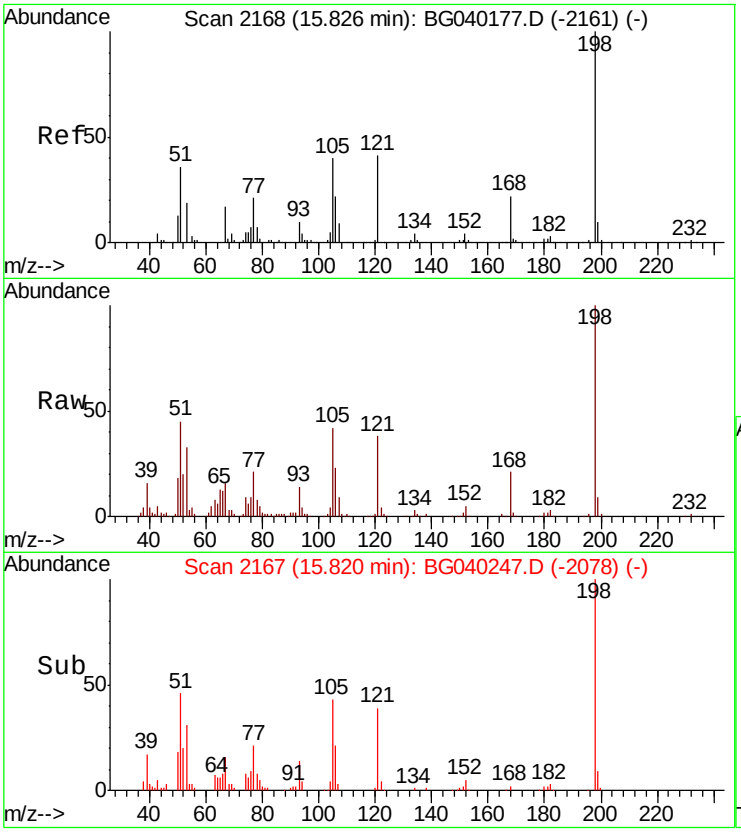




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:188 Resp: 558583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.2 | 7.0 | 10.4 |
| 80 | 9.9 | 8.6 | 13.0 |



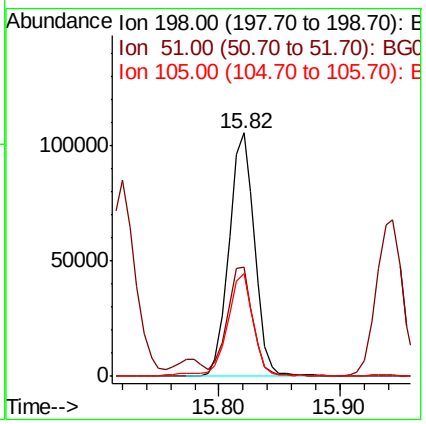


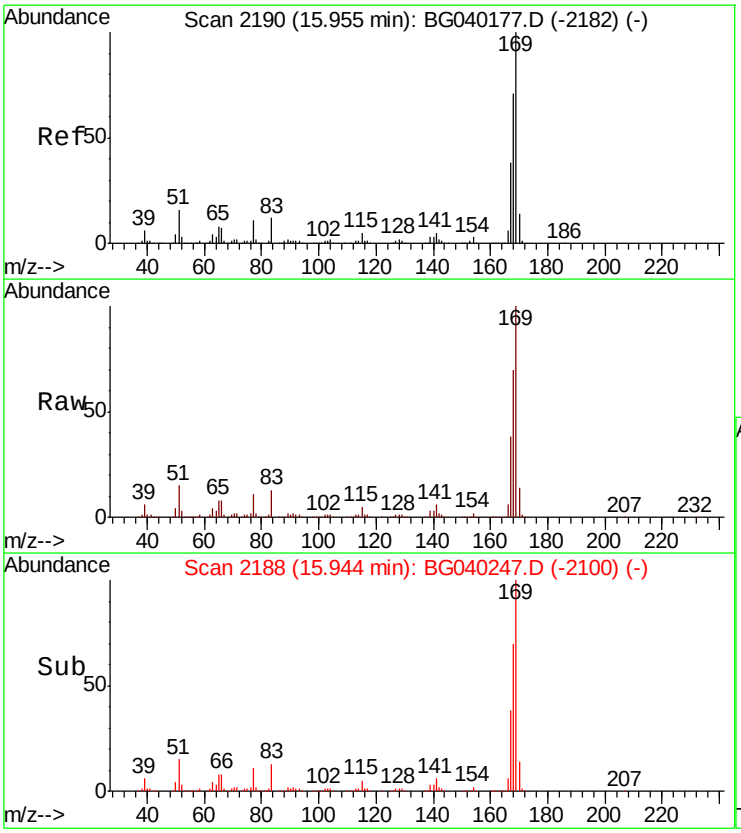

#65
4,6-Dinitro-2-methylphenol
Concen: 49.430 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:198 Resp: 155121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 44.8 | 27.3 | 67.3 |
| 105 | 42.0 | 21.7 | 61.7 |

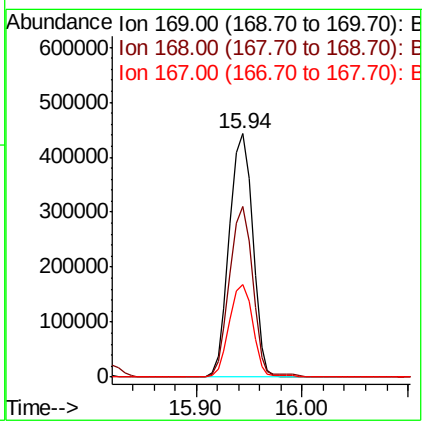


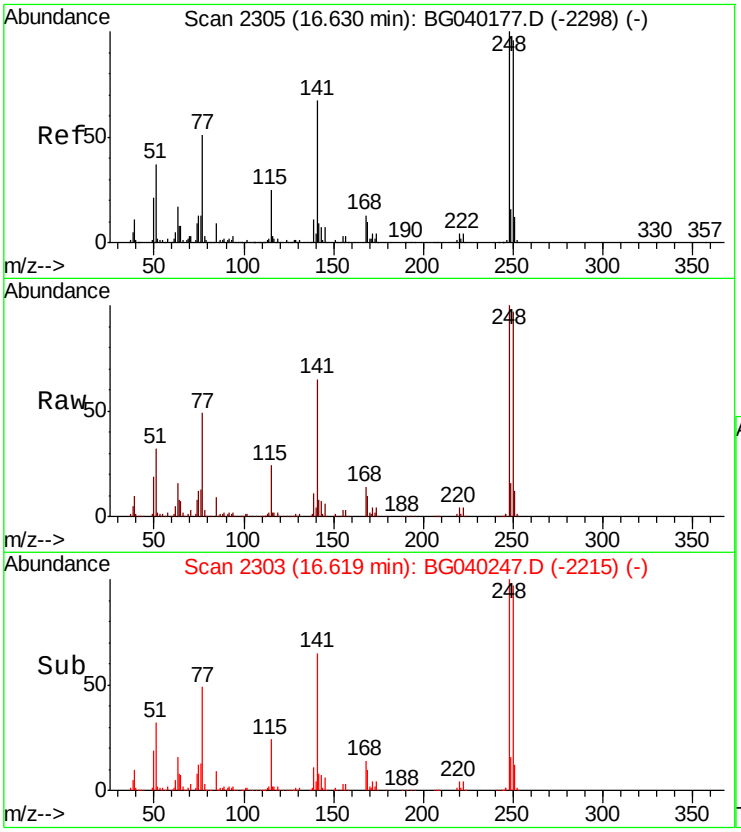




#66
n-Nitrosodiphenylamine
Concen: 41.535 ng
RT: 15.94 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:169 Resp: 678912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 70.1 | 56.8 | 85.2 |
| 167 | 38.2 | 30.2 | 45.4 |



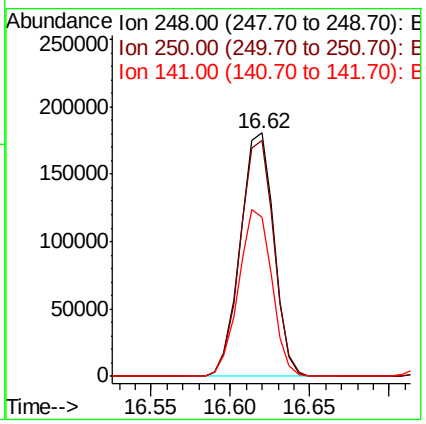


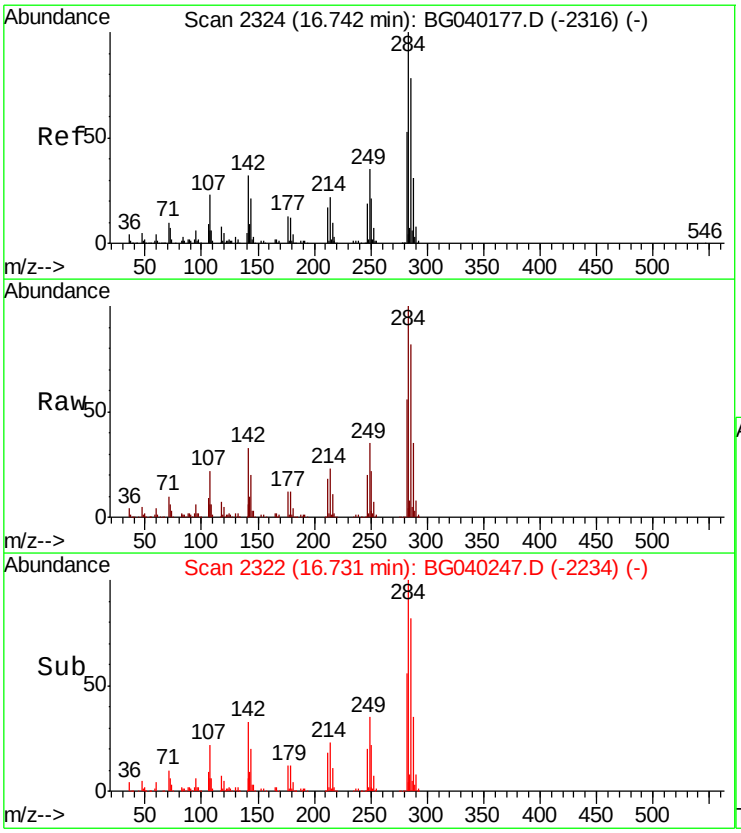

#67
4-Bromophenyl-phenylether
Concen: 42.245 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:248 Resp: 265549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.8 | 76.4 | 114.6 |
| 141 | 65.2 | 53.8 | 80.8 |

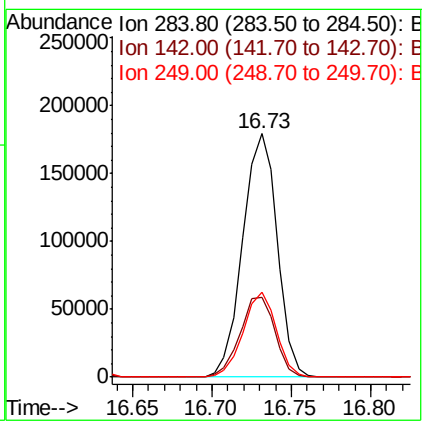


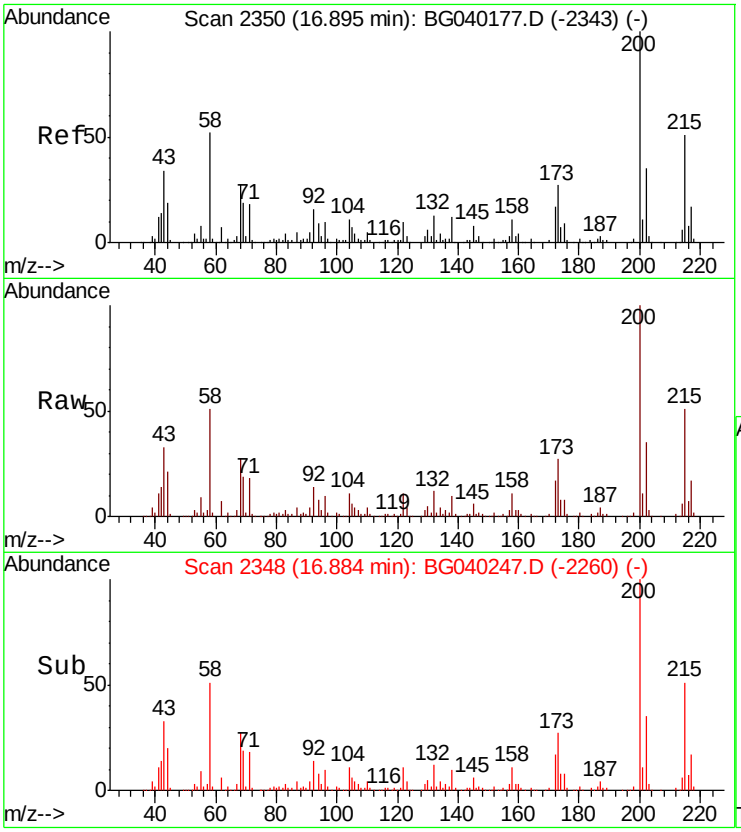




#68
Hexachlorobenzene
Concen: 42.870 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:284 Resp: 270948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 32.8 | 25.3 | 37.9 |
| 249 | 34.8 | 28.2 | 42.2 |



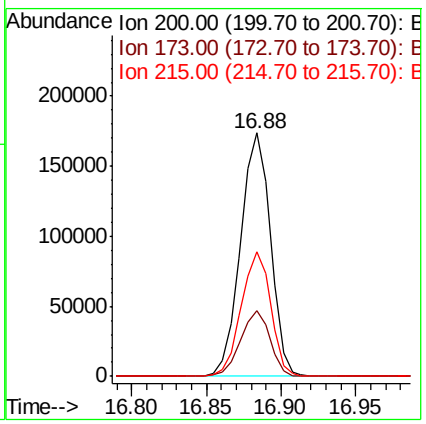


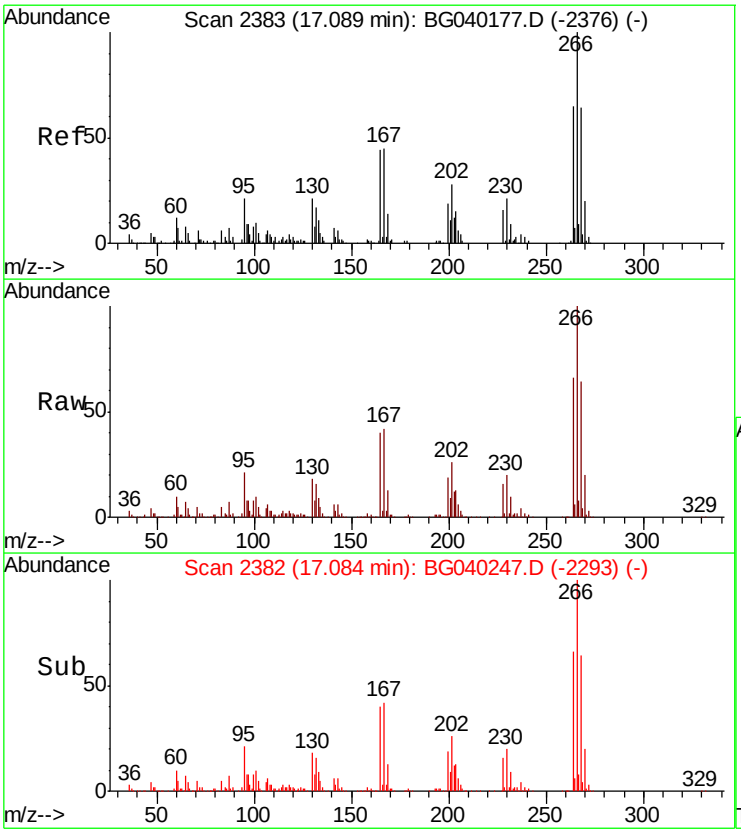

#69
Atrazine
Concen: 39.715 ng
RT: 16.88 min Scan# 2348
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:200 Resp: 241485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.8 | 7.1 | 47.1 |
| 215 | 51.0 | 30.9 | 70.9 |

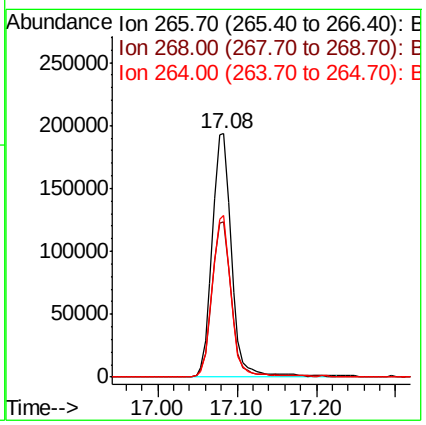


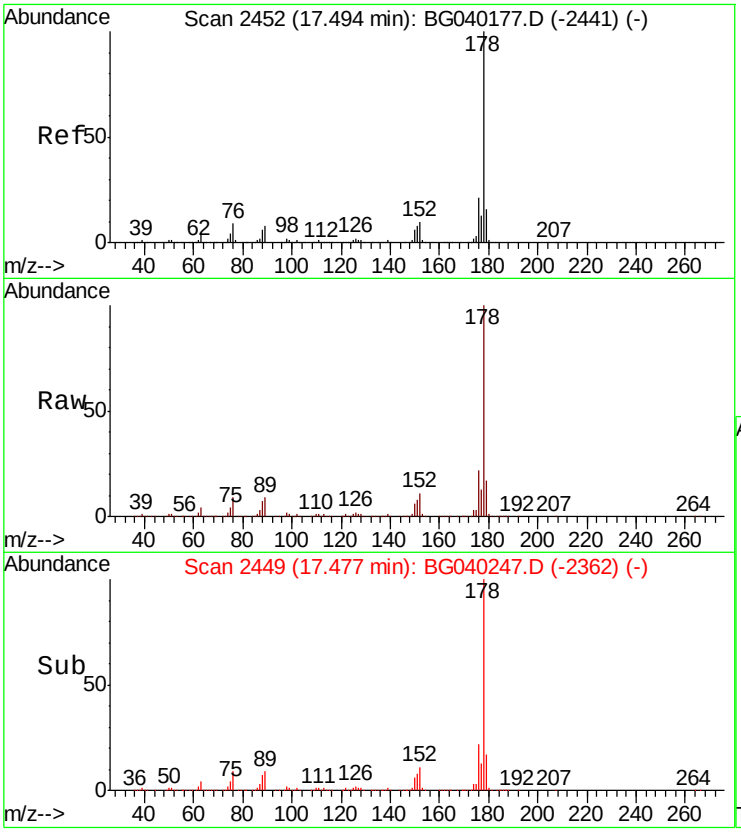




#70
Pentachlorophenol
Concen: 90.220 ng
RT: 17.08 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:266 Resp: 329665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.0 | 55.0 | 82.4 |
| 264 | 66.2 | 51.8 | 77.8 |



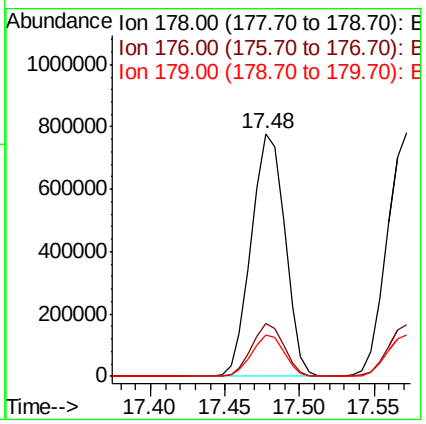


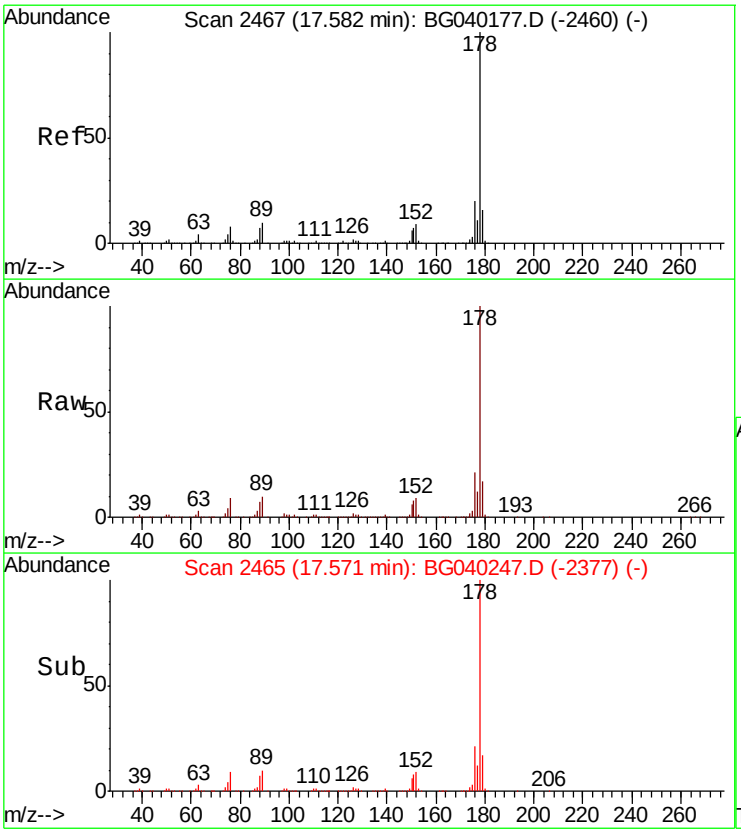

#71
Phenanthrene
Concen: 41.431 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.02 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:178 Resp: 1216430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 21.6 | 16.7 | 25.1 |
| 179 | 17.2 | 12.8 | 19.2 |

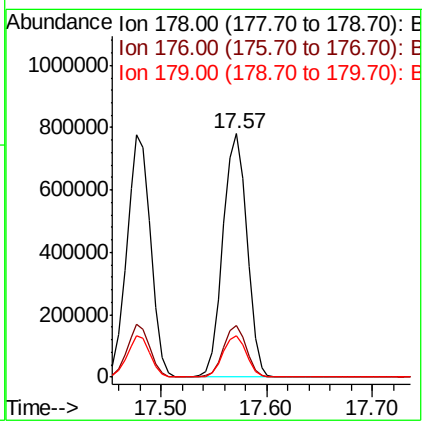


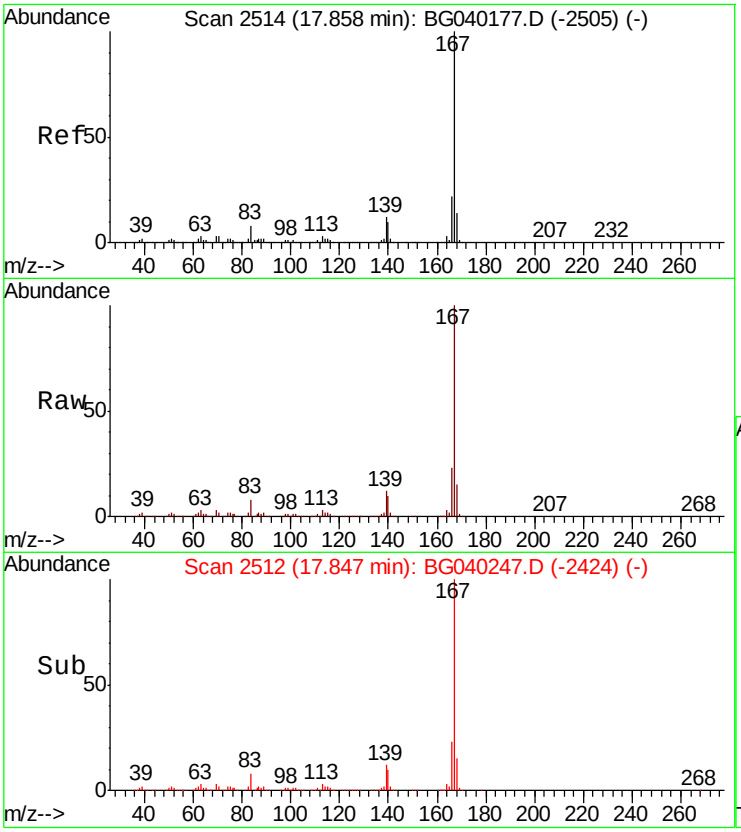




#72
Anthracene
Concen: 41.838 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:178 Resp: 1229497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 21.2 | 15.9 | 23.9 |
| 179 | 17.0 | 12.9 | 19.3 |



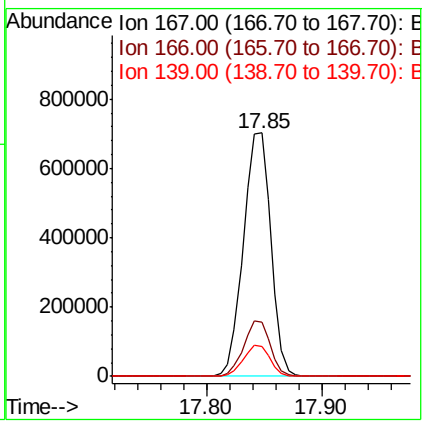


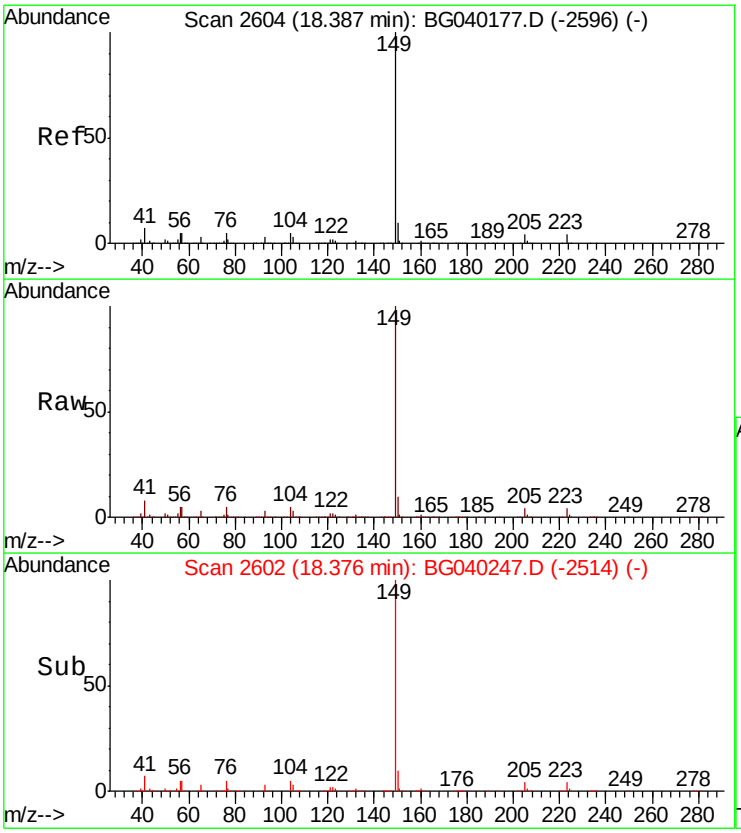

#73
Carbazole
Concen: 41.737 ng
RT: 17.85 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:167 Resp: 1160767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.5 | 17.5 | 26.3 |
| 139 | 12.5 | 10.0 | 15.0 |

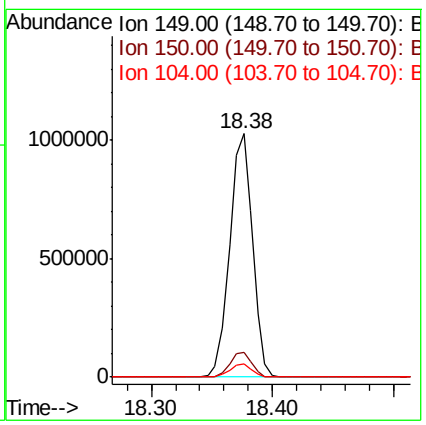


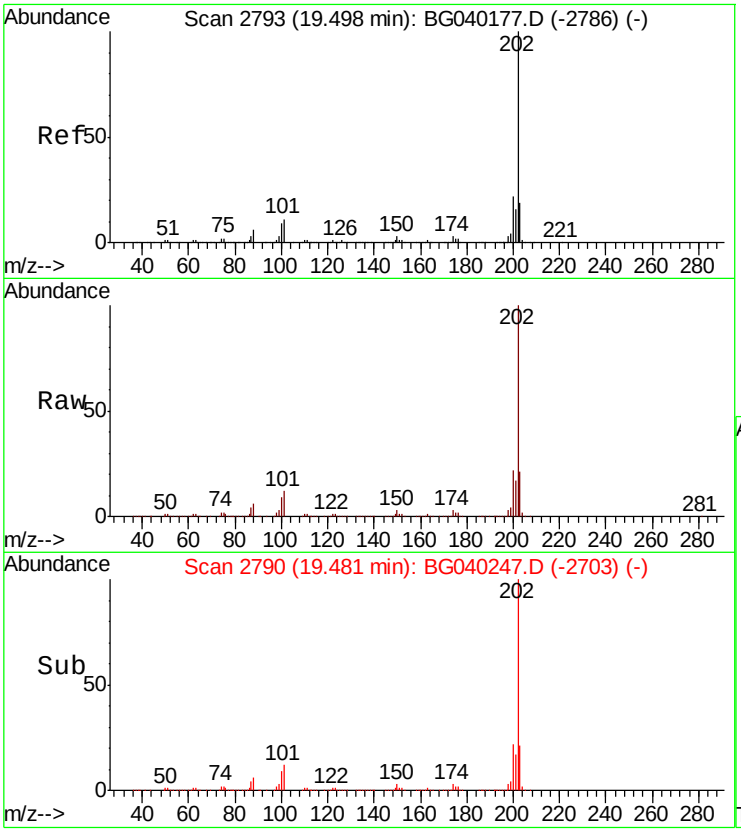




#74
Di-n-butylphthalate
Concen: 40.884 ng
RT: 18.38 min Scan# 2602
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:149 Resp: 1347792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 10.2 | 7.9 | 11.9 |
| 104 | 5.5 | 4.1 | 6.1 |



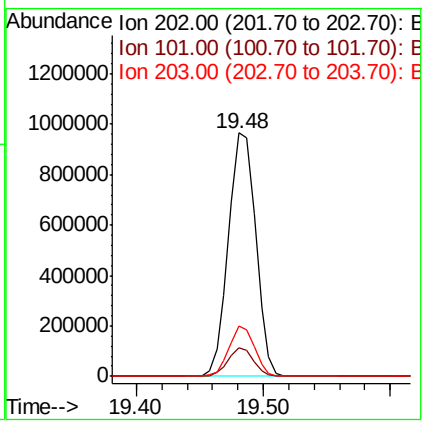


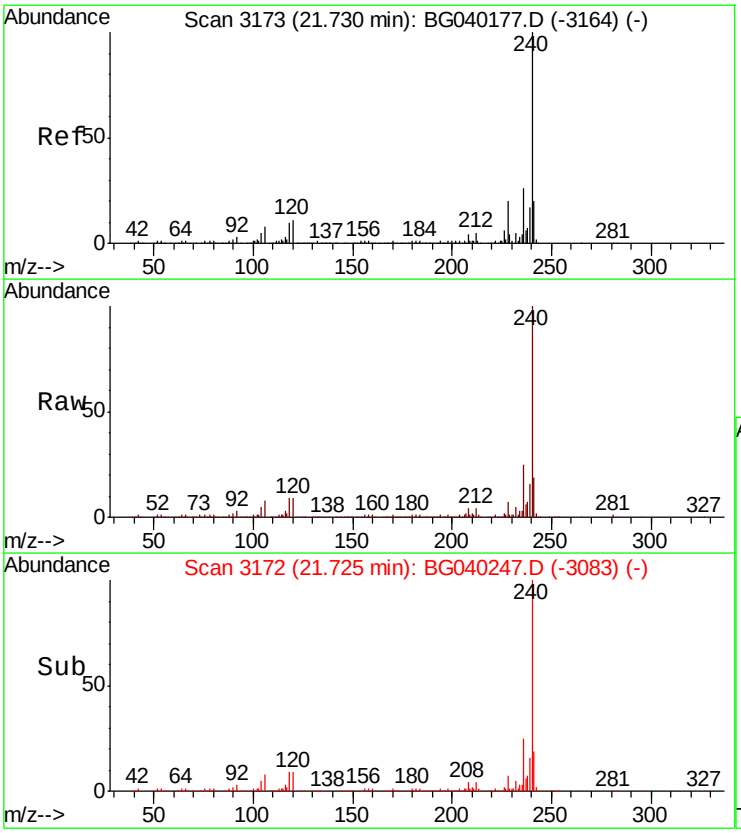

#75
Fluoranthene
Concen: 41.352 ng
RT: 19.48 min Scan# 2790
Delta R.T. -0.02 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:202 Resp: 1437651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.7 | 0.0 | 30.8 |
| 203 | 20.6 | 0.0 | 38.9 |

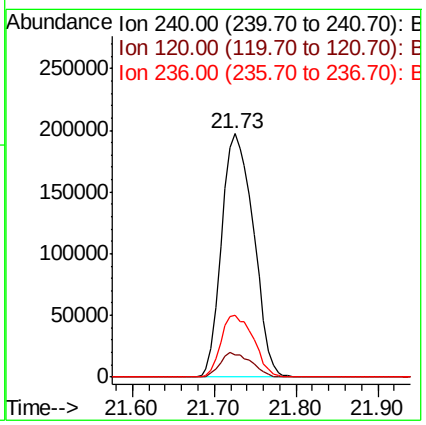


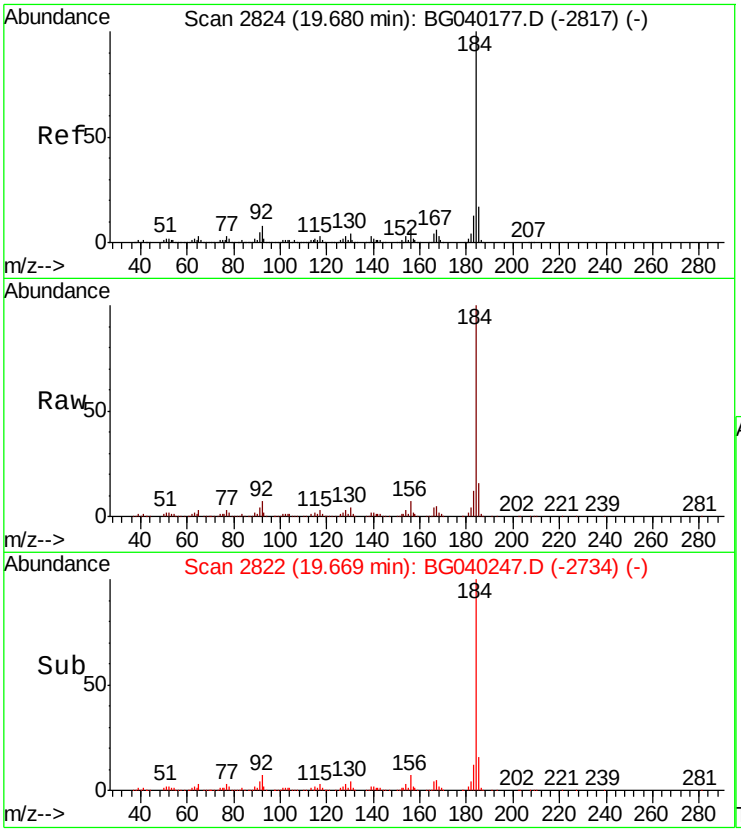




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:240 Resp: 536054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.0 | 8.4 | 12.6 |
| 236 | 25.4 | 20.8 | 31.2 |



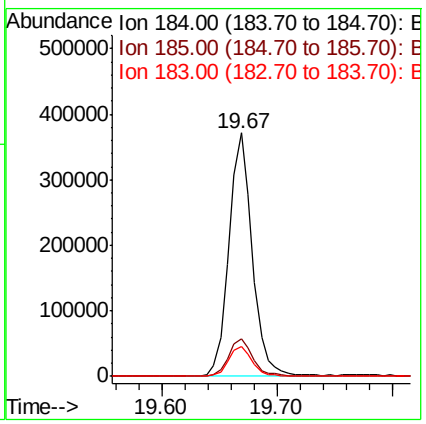


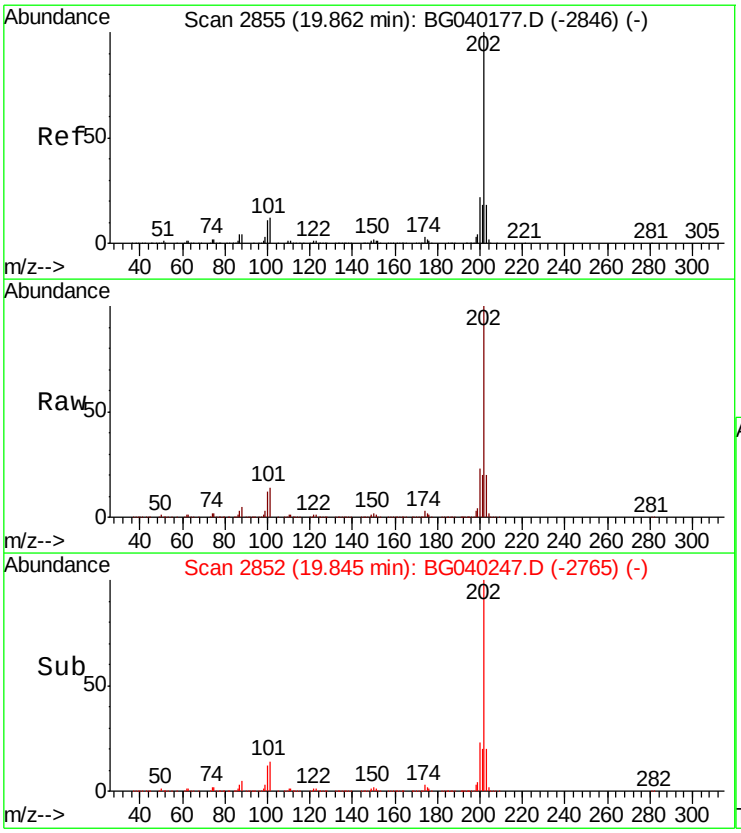

#77
Benzidine
Concen: 26.854 ng
RT: 19.67 min Scan# 2822
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:184 Resp: 519835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.6 | 13.3 | 19.9 |
| 183 | 12.5 | 10.3 | 15.5 |

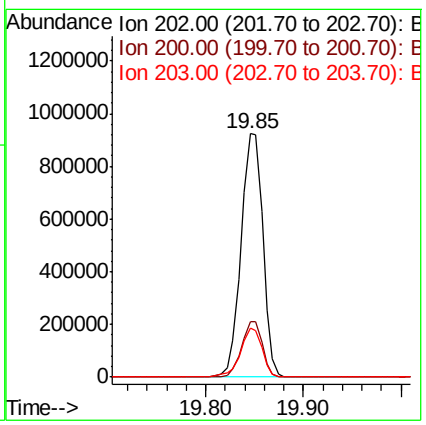


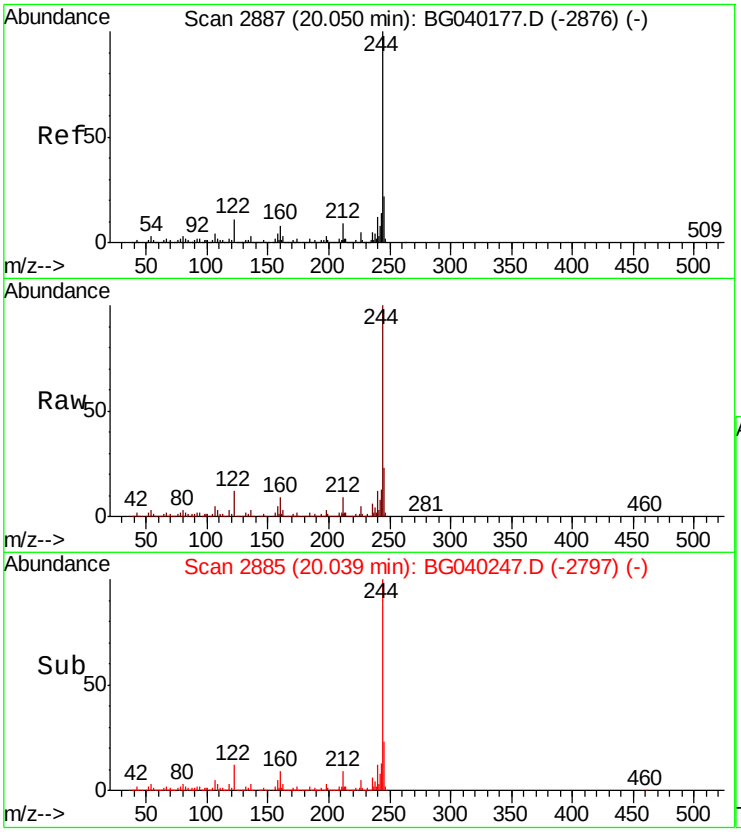




#78
Pyrene
Concen: 40.735 ng
RT: 19.85 min Scan# 2852
Delta R.T. -0.02 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:202 Resp: 1435984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.9 | 17.3 | 25.9 |
| 203 | 20.2 | 14.6 | 22.0 |



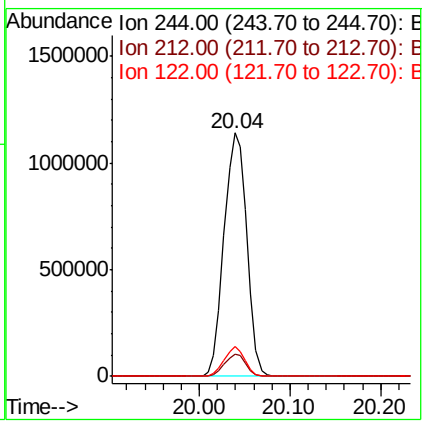


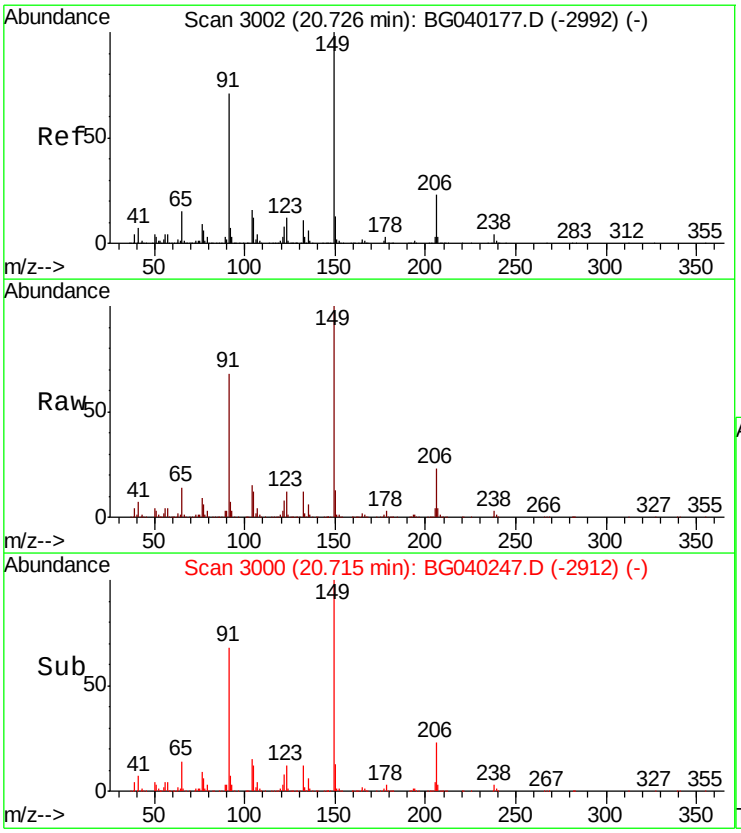

#79
Terphenyl-d14
Concen: 83.183 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:244 Resp: 1982121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.3 | 7.0 | 10.6 |
| 122 | 12.2 | 8.5 | 12.7 |

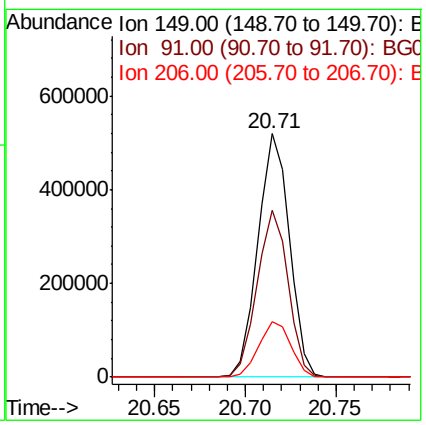


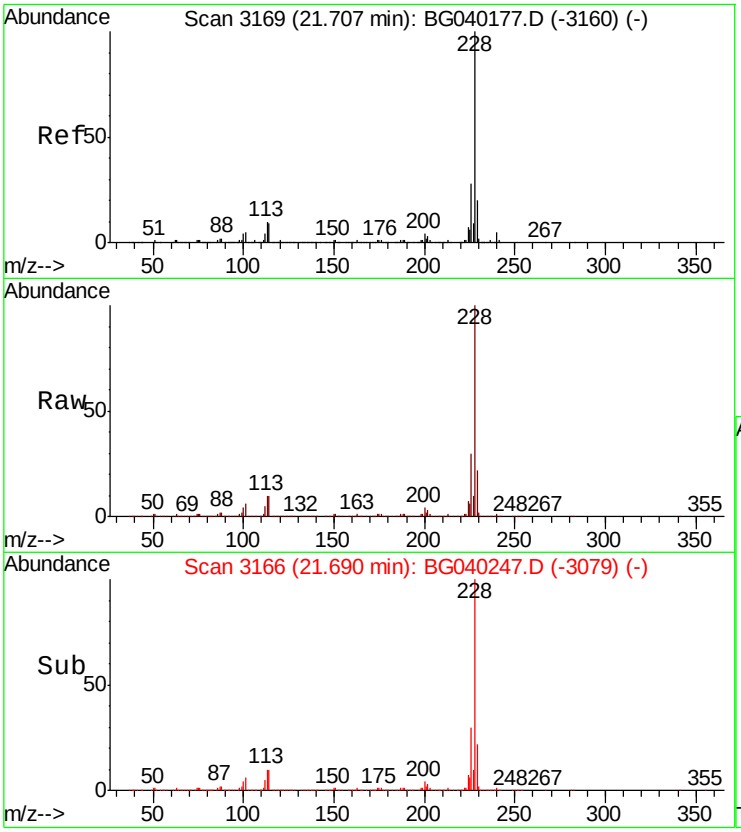




#80
Butylbenzylphthalate
Concen: 41.583 ng
RT: 20.71 min Scan# 3000
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:149 Resp: 627256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 68.3 | 57.0 | 85.4 |
| 206 | 22.8 | 18.2 | 27.4 |



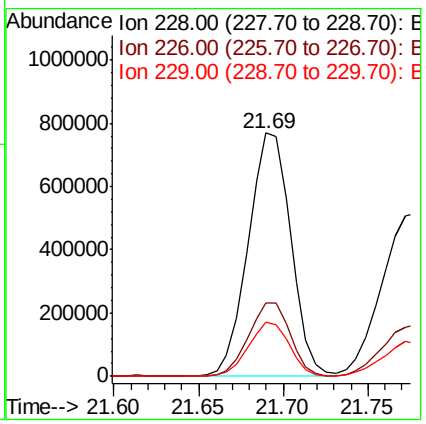


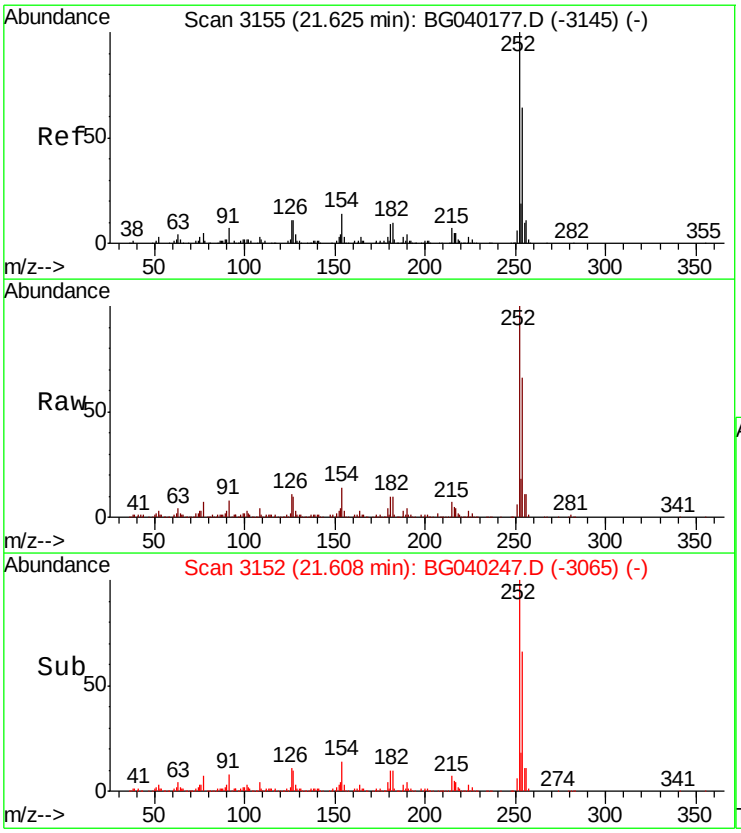

#81
Benzo(a)anthracene
Concen: 41.061 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.02 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:228 Resp: 1355753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.2 | 22.6 | 34.0 |
| 229 | 22.2 | 16.1 | 24.1 |

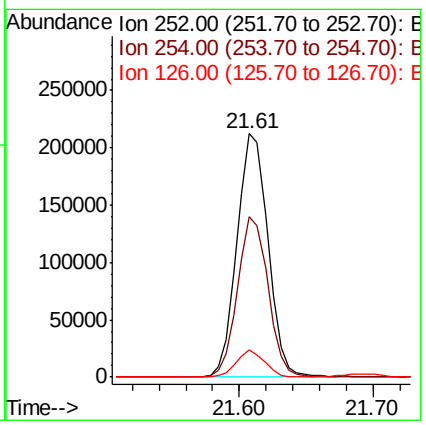


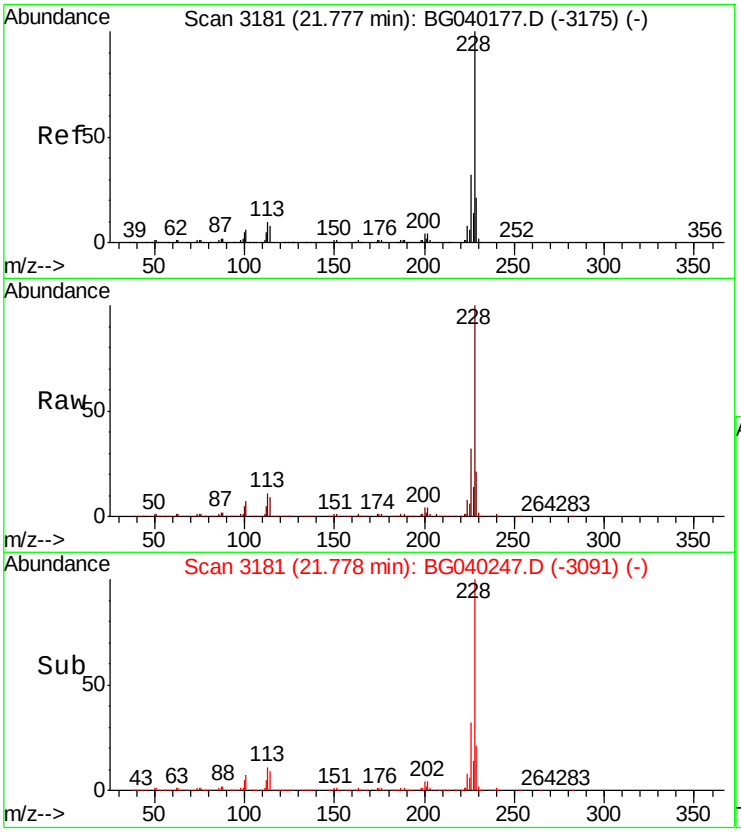




#82
3,3'-Dichlorobenzidine
Concen: 27.197 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.02 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:252 Resp: 341603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 66.0 | 51.4 | 77.2 |
| 126 | 11.1 | 8.5 | 12.7 |



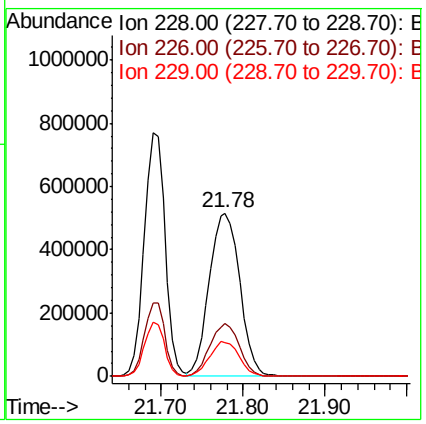


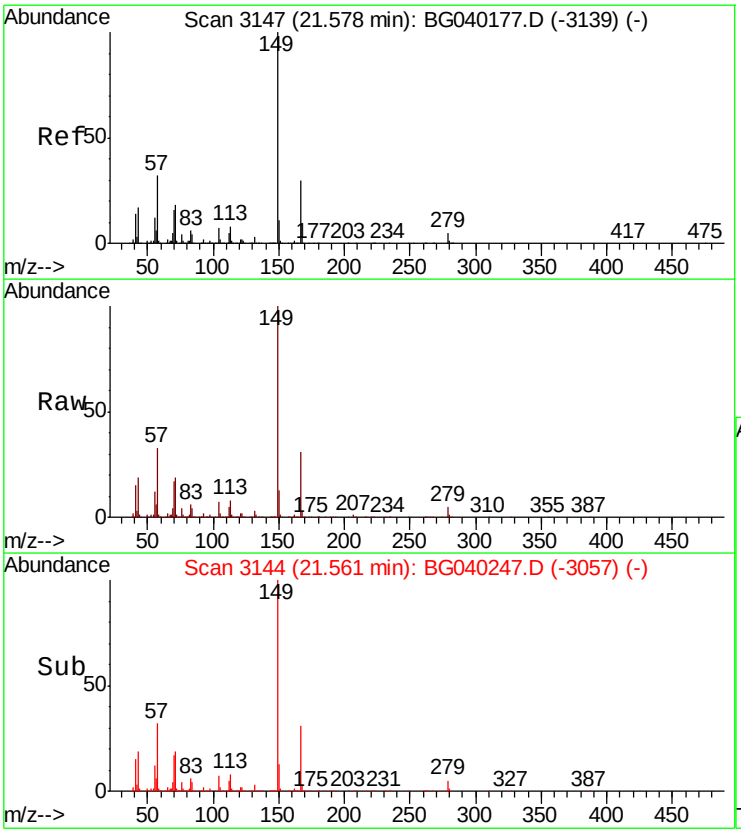

#83
Chrysene
Concen: 42.253 ng
RT: 21.78 min Scan# 3181
Delta R.T. 0.00 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:228 Resp: 1340780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 32.1 | 25.4 | 38.0 |
| 229 | 20.7 | 17.0 | 25.4 |

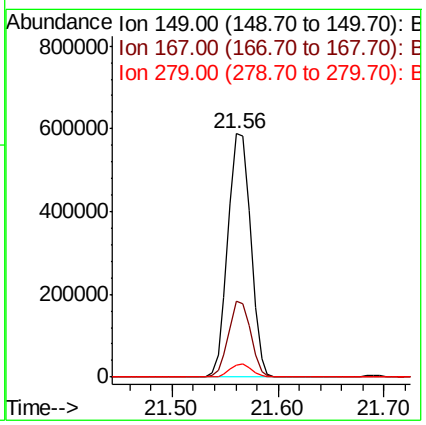


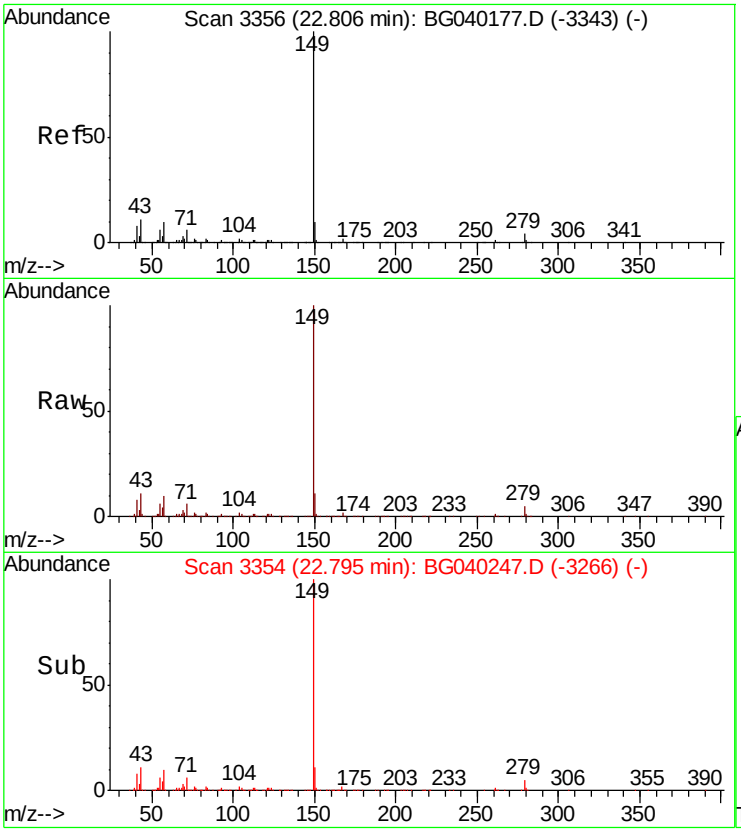




#84
Bis(2-ethylhexyl)phthalate
Concen: 40.573 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:149 Resp: 874869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 31.3 | 24.1 | 36.1 |
| 279 | 4.7 | 4.1 | 6.1 |



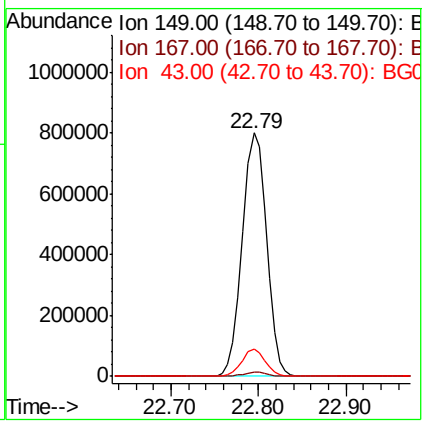


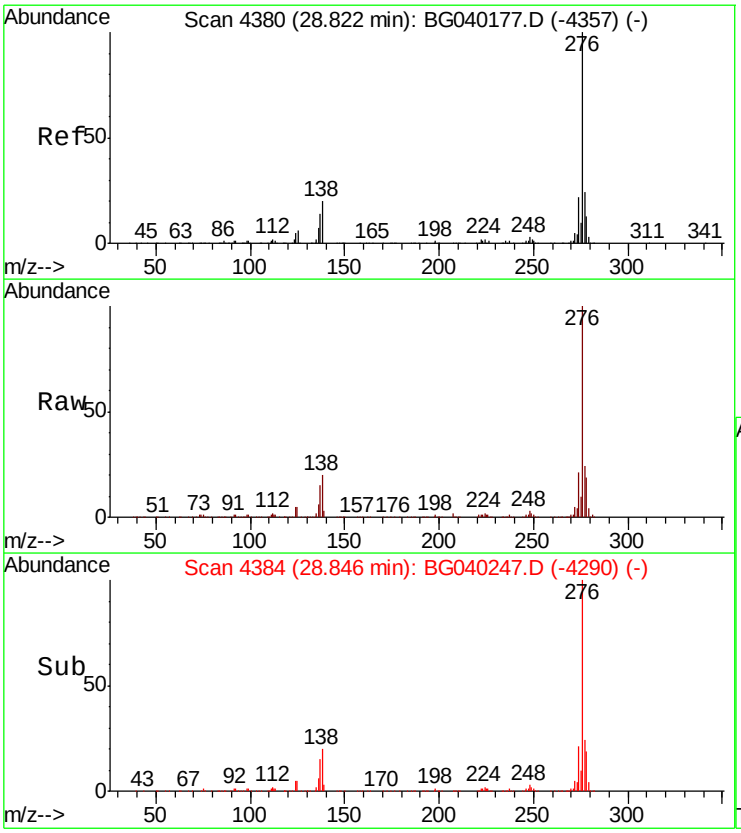

#85
Di-n-octyl phthalate
Concen: 40.779 ng
RT: 22.79 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:149 Resp: 1498140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.4 | 2.0 |
| 43 | 10.6 | 8.7 | 13.1 |

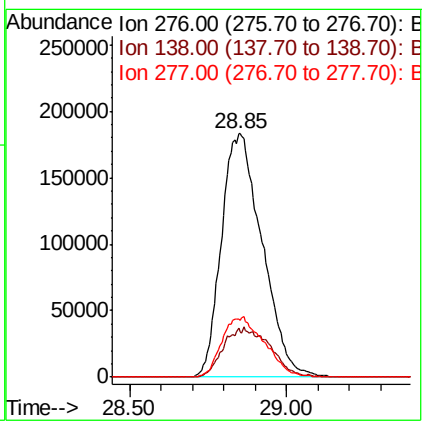


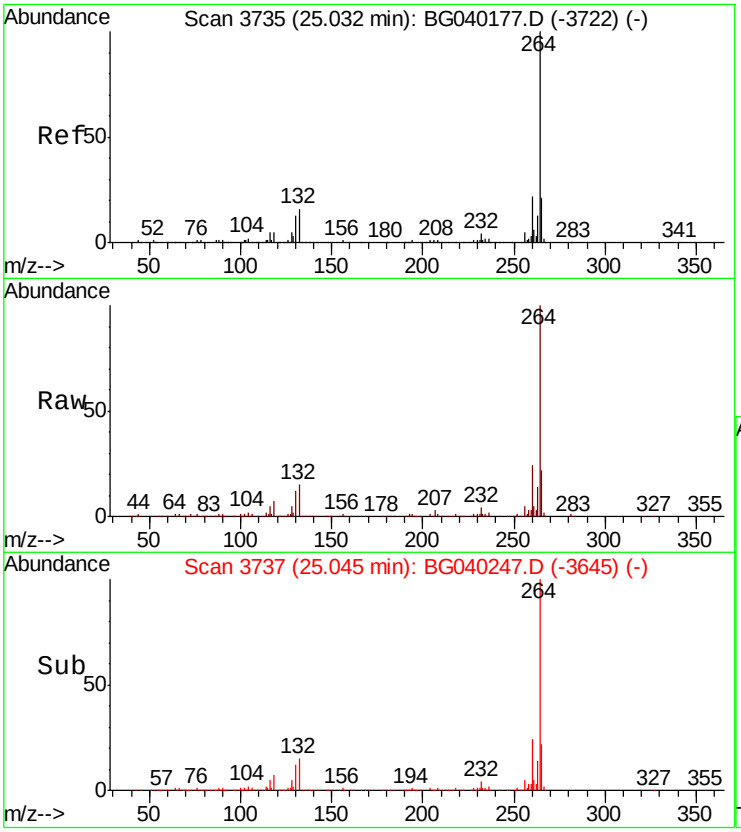




#86
Indeno(1,2,3-cd)pyrene
Concen: 42.604 ng
RT: 28.85 min Scan# 4384
Delta R.T. 0.02 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:276 Resp: 1653510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 9.5 | 18.8 | 28.2# |
| 277 | 11.4 | 21.0 | 31.4# |



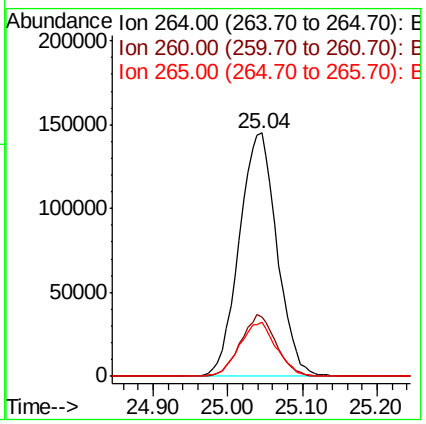


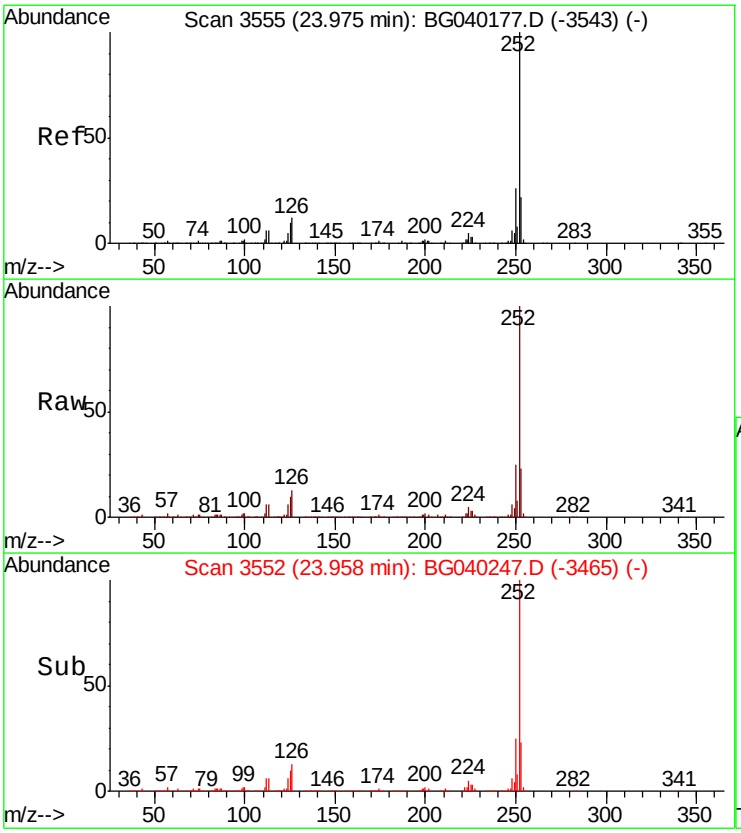

#87
Perylene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3737
Delta R.T. 0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:264 Resp: 507693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.2 | 17.9 | 26.9 |
| 265 | 22.1 | 16.8 | 25.2 |

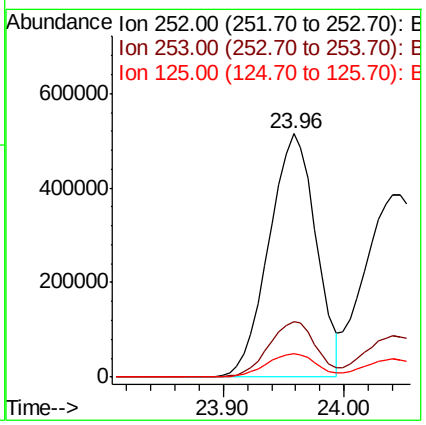


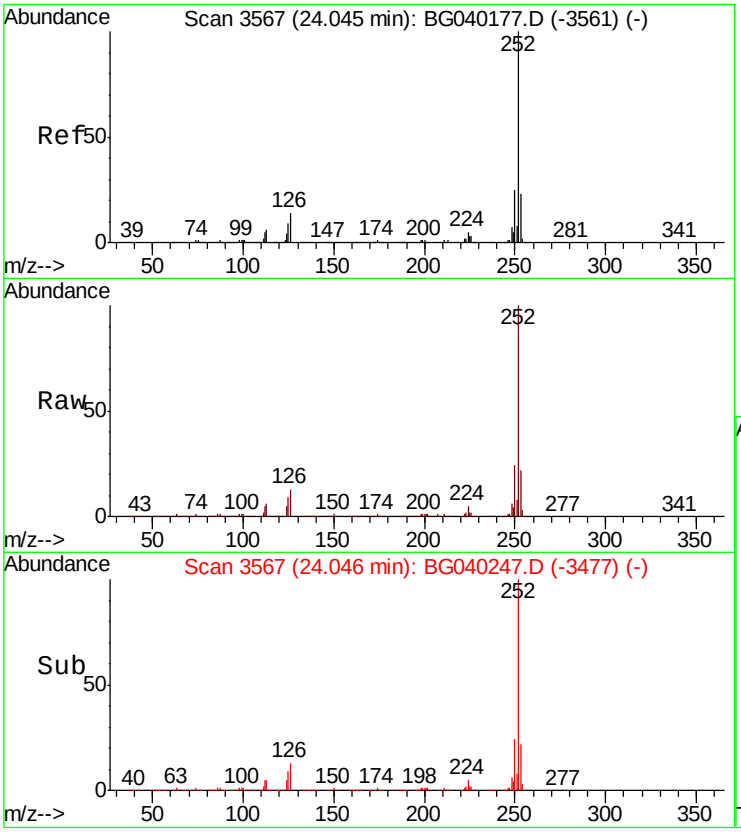




#88
Benzo(b)fluoranthene
Concen: 44.700 ng
RT: 23.96 min Scan# 3552
Delta R.T. -0.02 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:252 Resp: 1389405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.8 | 17.6 | 26.4 |
| 125 | 9.7 | 8.2 | 12.4 |



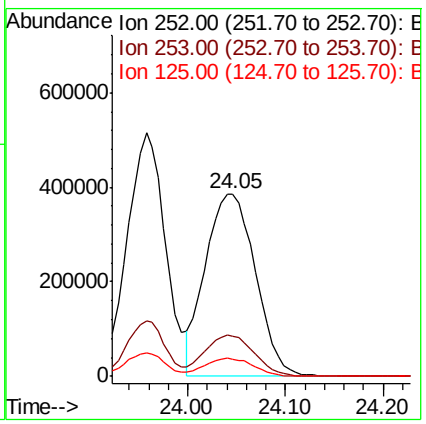


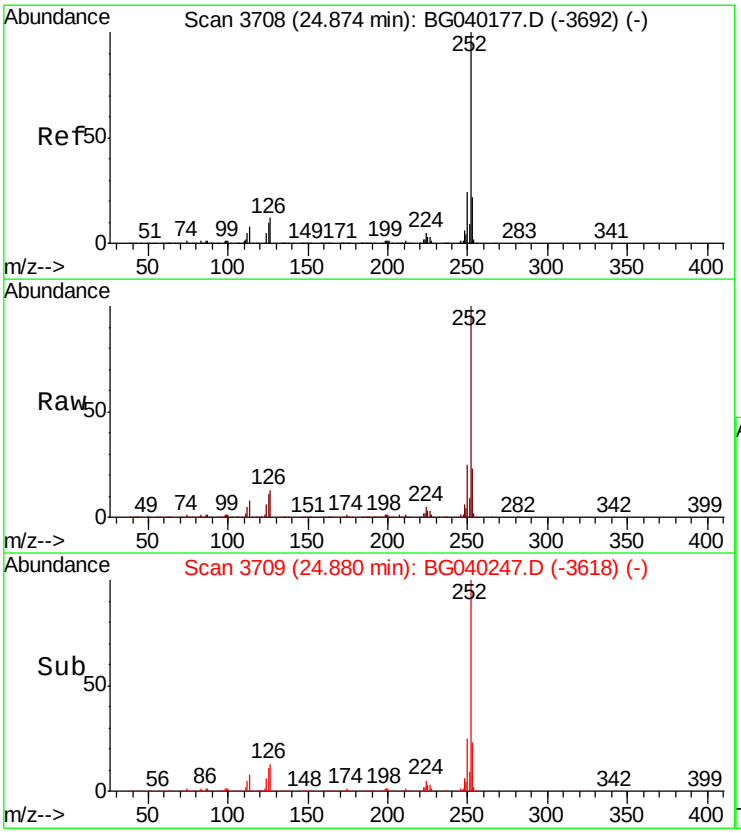

#89
Benzo(k)fluoranthene
Concen: 47.813 ng
RT: 24.05 min Scan# 3567
Delta R.T. 0.00 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:252 Resp: 1366710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 18.6 | 28.0 |
| 125 | 9.5 | 7.3 | 10.9 |

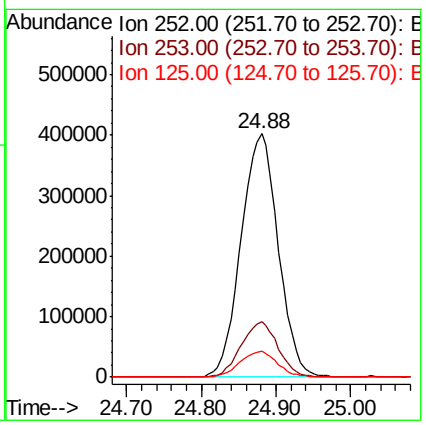


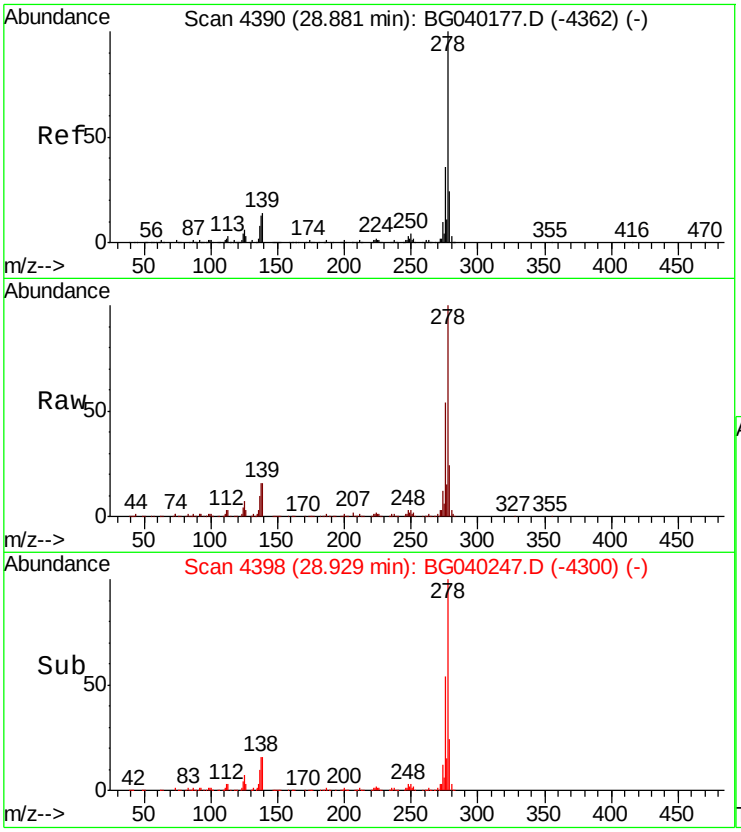




#90
Benzo(a)pyrene
Concen: 47.618 ng
RT: 24.88 min Scan# 3709
Delta R.T. 0.01 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:252 Resp: 1388740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.9 | 17.8 | 26.8 |
| 125 | 10.6 | 8.3 | 12.5 |



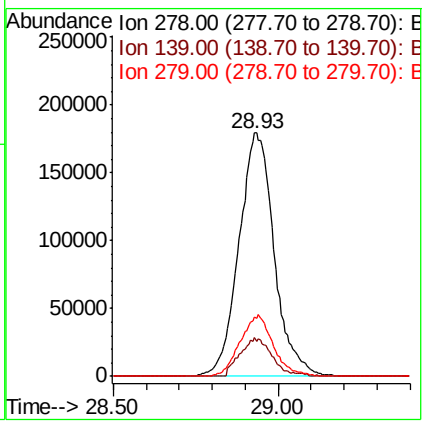


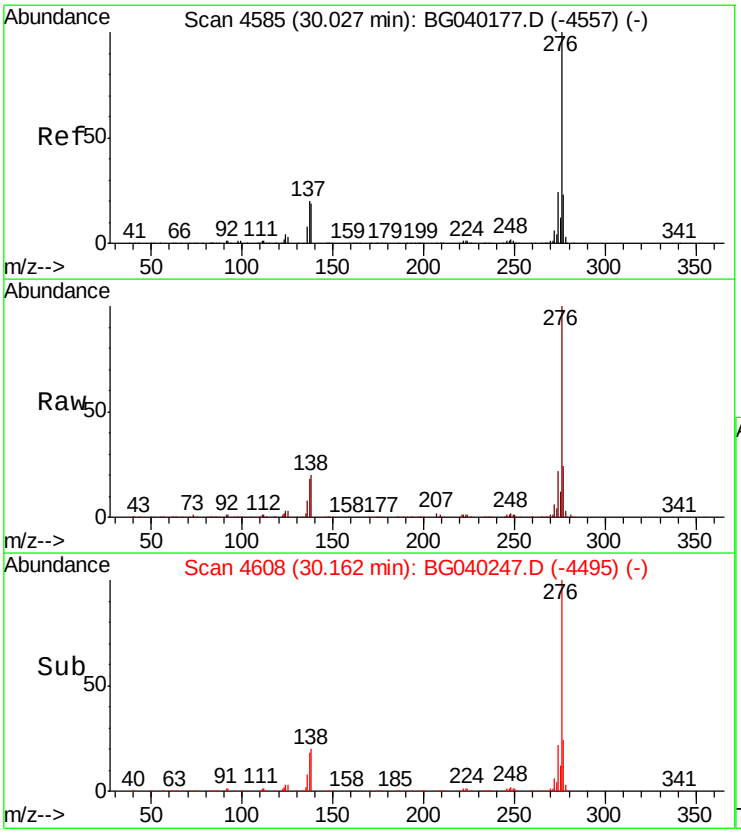

#91
Dibenzo(a,h)anthracene
Concen: 49.492 ng
RT: 28.93 min Scan# 4398
Delta R.T. 0.05 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

**Instrument :**
BNA_F
**ClientSampleId :**
PB118419BS

Tgt Ion:278 Resp: 1340558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.0 | 11.2 | 16.8 |
| 279 | 24.2 | 18.9 | 28.3 |




#92
Benzo(g,h,i)perylene
Concen: 49.394 ng
RT: 30.16 min Scan# 4608
Delta R.T. 0.14 min
Lab File: BG040247.D
Acq: 30 Mar 2019 5:16

Tgt Ion:276 Resp: 1374952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.5 | 18.6 | 28.0 |
| 138 | 20.5 | 15.2 | 22.8 |