Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG013019\
Data File : BG039339.D
Acq On : 30 Jan 2019 22:31
Operator : JU/SJ
Sample : K1282-04MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** TP-1MS

Quant Time: Jan 31 05:43:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.18 | 152 | 42909 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.01 | 136 | 185024 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.80 | 164 | 125772 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.55 | 188 | 307364 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.85 | 240 | 317794 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 25.23 | 264 | 335393 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.72 | 112 | 359801 | 143.51 | ng | | 0.00 |
| 7) Phenol-d6 | 7.32 | 99 | 489615 | 132.67 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.36 | 82 | 318786 | 107.64 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.29 | 330 | 206414 | 152.41 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.43 | 172 | 779598 | 88.92 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.14 | 244 | 1303657 | 86.83 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.62 | 88 | 37871 | 34.533 | ng | # | 47 |
| 3) Pyridine | 4.03 | 79 | 103920 | 35.791 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.94 | 42 | 69674 | 47.982 | ng | | 97 |
| 6) Aniline | 7.51 | 93 | 40047 | 8.664 | ng | | 99 |
| 8) 2-Chlorophenol | 7.74 | 128 | 128550 | 46.908 | ng | | 97 |
| 9) Benzaldehyde | 7.32 | 77 | 104080 | 70.365 | ng | | 98 |
| 10) Phenol | 7.35 | 94 | 162220 | 42.169 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.60 | 93 | 126859 | 41.733 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 8.07 | 146 | 134445 | 40.497 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 8.22 | 146 | 137877 | 41.667 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.53 | 146 | 131801 | 41.145 | ng | | 99 |
| 15) Benzyl Alcohol | 8.42 | 79 | 132281 | 45.658 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.71 | 45 | 279091 | 40.657 | ng | | 99 |
| 17) 2-Methylphenol | 8.61 | 107 | 112360 | 45.135 | ng | | 96 |
| 18) Hexachloroethane | 9.27 | 117 | 48483 | 42.588 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 8.99 | 70 | 109724 | 41.891 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.93 | 107 | 159510 | 46.530 | ng | | 97 |
| 22) Acetophenone | 9.01 | 105 | 199299 | 40.100 | ng | | 99 |
| 24) Nitrobenzene | 9.40 | 77 | 155960 | 48.743 | ng | | 97 |
| 25) Isophorone | 9.92 | 82 | 309098 | 47.096 | ng | | 99 |
| 26) 2-Nitrophenol | 10.11 | 139 | 65294 | 51.066 | ng | # | 91 |
| 27) 2,4-Dimethylphenol | 10.15 | 122 | 140466 | 52.907 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 10.40 | 93 | 183300 | 45.343 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.64 | 162 | 141856 | 48.887 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 10.86 | 180 | 140132 | 43.015 | ng | | 95 |
| 31) Naphthalene | 11.05 | 128 | 416861 | 45.415 | ng | | 100 |
| 32) Benzoic acid | 10.23 | 122 | 36902 | 26.258 | ng | | 95 |
| 34) Hexachlorobutadiene | 11.32 | 225 | 89382 | 41.256 | ng | | 95 |
| 35) Caprolactam | 11.94 | 113 | 25645 | 21.358 | ng | | 93 |
| 36) 4-Chloro-3-methylphenol | 12.25 | 107 | 160638 | 47.869 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.65 | 142 | 318400 | 46.834 | ng | | 96 |
| 38) 1-Methylnaphthalene | 12.86 | 142 | 302384 | 46.142 | ng | | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 13.01 | 216 | 169411 | 42.335 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 12.98 | 237 | 196825 | 90.262 | ng | | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG013019\
Data File : BG039339.D
Acq On : 30 Jan 2019 22:31
Operator : JU/SJ
Sample : K1282-04MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** TP-1MS

Quant Time: Jan 31 05:43:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 43) 2,4,6-Trichlorophenol | 13.24 | 196 | 117085 | 47.587 | ng | | 98 |
| 44) 2,4,5-Trichlorophenol | 13.30 | 196 | 127277 | 49.356 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.64 | 154 | 434208 | 41.493 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.69 | 162 | 322495 | 40.966 | ng | | 100 |
| 48) 2-Nitroaniline | 13.89 | 65 | 111664 | 49.140 | ng | | 98 |
| 49) Acenaphthylene | 14.53 | 152 | 542377 | 45.660 | ng | | 99 |
| 50) Dimethylphthalate | 14.26 | 163 | 446550 | 43.961 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.38 | 165 | 94506 | 49.537 | ng | | 95 |
| 52) Acenaphthene | 14.87 | 154 | 334255 | 43.350 | ng | | 96 |
| 53) 3-Nitroaniline | 14.71 | 138 | 4269 | 7.625 | ng | # | 80 |
| 54) 2,4-Dinitrophenol | 14.91 | 184 | 41145 | 57.104 | ng | | 93 |
| 55) Dibenzofuran | 15.20 | 168 | 530794 | 42.935 | ng | | 96 |
| 56) 4-Nitrophenol | 15.00 | 139 | 161232 | 87.223 | ng | | 93 |
| 57) 2,4-Dinitrotoluene | 15.16 | 165 | 130471 | 52.730 | ng | | 95 |
| 58) Fluorene | 15.85 | 166 | 424995 | 46.115 | ng | | 97 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.42 | 232 | 128920 | 53.394 | ng | | 99 |
| 60) Diethylphthalate | 15.61 | 149 | 455296 | 43.351 | ng | | 98 |
| 61) 4-Chlorophenyl-phenylether | 15.84 | 204 | 218707 | 41.911 | ng | | 98 |
| 62) 4-Nitroaniline | 15.87 | 138 | 86332 | 41.184 | ng | | 97 |
| 63) Azobenzene | 16.13 | 77 | 435587 | 42.434 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 15.91 | 198 | 43099 | 38.765 | ng | | 92 |
| 66) n-Nitrosodiphenylamine | 16.05 | 169 | 397241 | 42.504 | ng | | 97 |
| 67) 4-Bromophenyl-phenylether | 16.73 | 248 | 144253 | 42.305 | ng | | 97 |
| 68) Hexachlorobenzene | 16.84 | 284 | 149741 | 43.770 | ng | | 97 |
| 69) Atrazine | 16.99 | 200 | 157214 | 46.031 | ng | | 98 |
| 70) Pentachlorophenol | 17.19 | 266 | 158723 | 66.754 | ng | | 97 |
| 71) Phenanthrene | 17.59 | 178 | 730295 | 45.907 | ng | | 99 |
| 72) Anthracene | 17.68 | 178 | 742903 | 47.410 | ng | | 99 |
| 73) Carbazole | 17.95 | 167 | 667829 | 42.705 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.49 | 149 | 815798 | 44.716 | ng | | 99 |
| 75) Fluoranthene | 19.59 | 202 | 891545 | 48.284 | ng | | 100 |
| 77) Benzidine | 19.77 | 184 | 68966 | 6.619 | ng | | 95 |
| 78) Pyrene | 19.95 | 202 | 896347 | 45.308 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.83 | 149 | 383537 | 45.958 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.82 | 228 | 879557 | 46.839 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.73 | 252 | 31479 | 4.521 | ng | | 97 |
| 83) Chrysene | 21.89 | 228 | 820954 | 45.926 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.71 | 149 | 533789 | 44.834 | ng | # | 99 |
| 85) Di-n-octyl phthalate | 22.97 | 149 | 911326 | 46.331 | ng | | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 29.13 | 276 | 995500 | 51.905 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 24.15 | 252 | 870878 | 47.613 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 24.23 | 252 | 842451 | 45.876 | ng | | 99 |
| 90) Benzo(a)pyrene | 25.08 | 252 | 849304 | 48.214 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 29.22 | 278 | 800186 | 48.505 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 30.36 | 276 | 820000 | 49.870 | ng | | 99 |

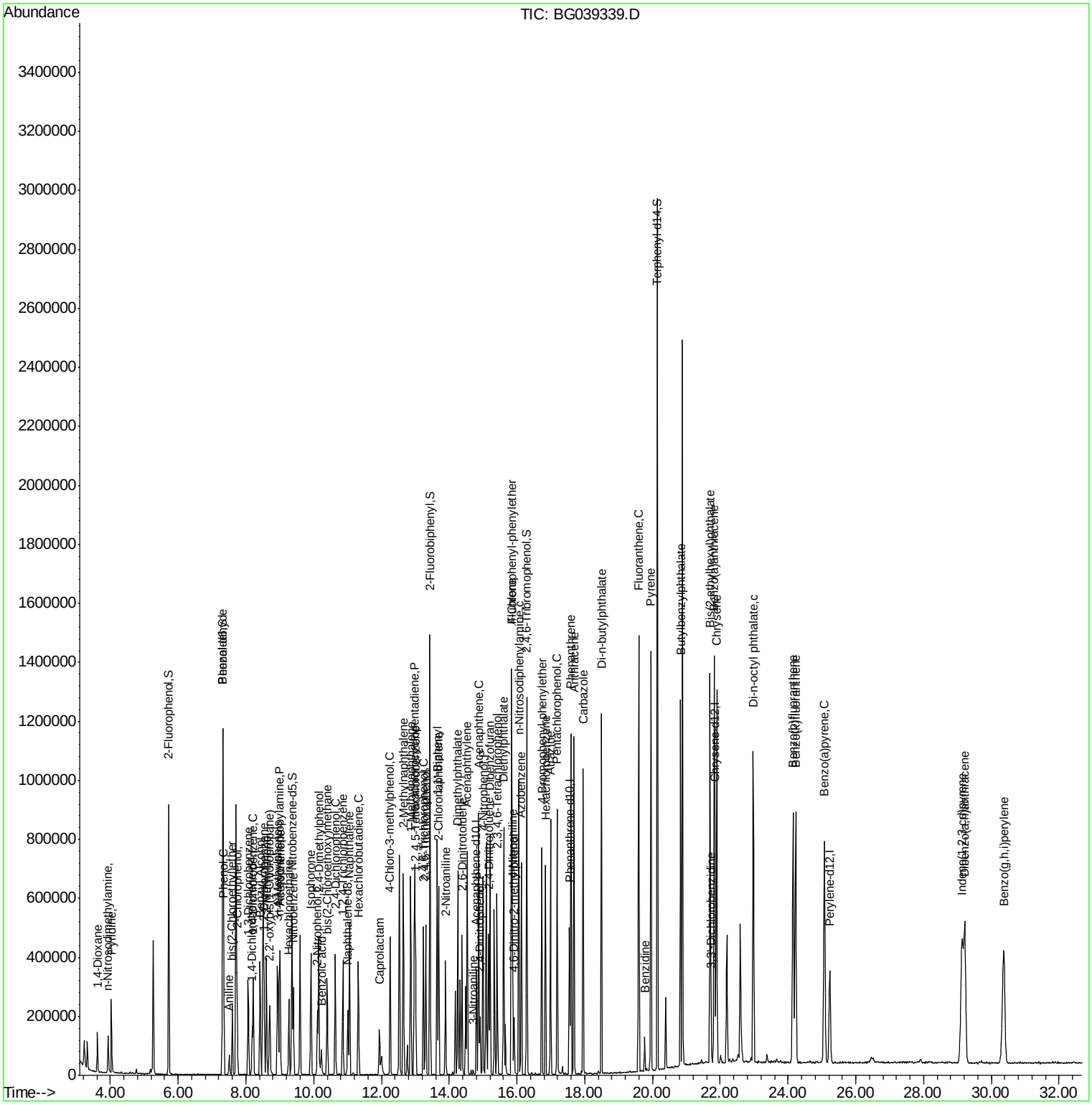
(#) = qualifier out of range (m) = manual integration (+) = signals summed

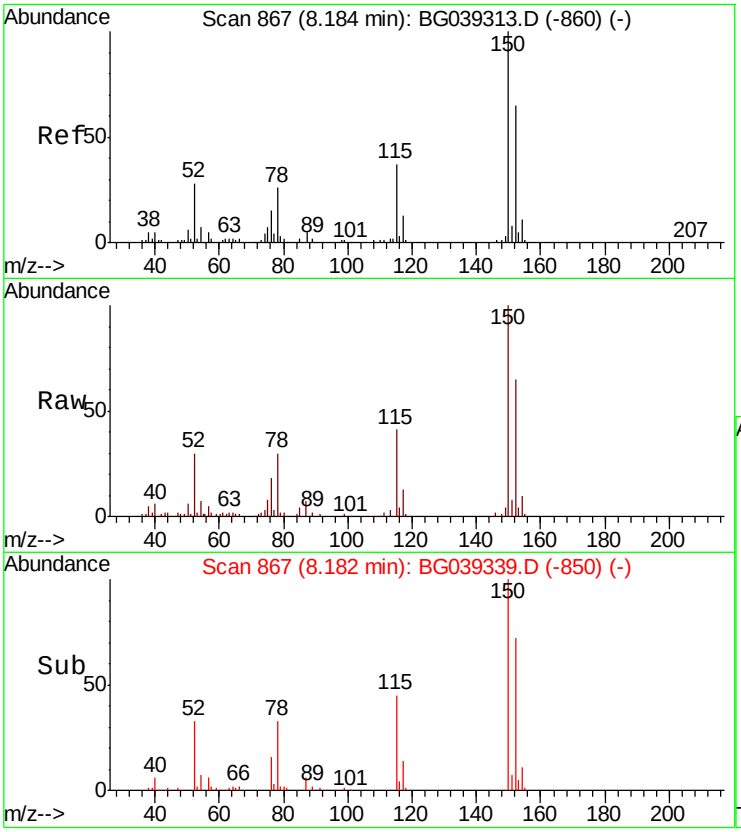
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG013019\
Data File : BG039339.D
Acq On : 30 Jan 2019 22:31
Operator : JU/SJ
Sample : K1282-04MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Quant Time: Jan 31 05:43:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration



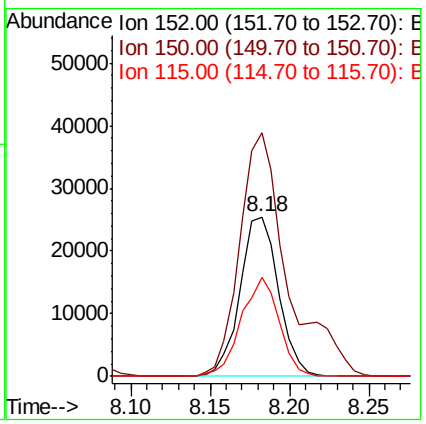


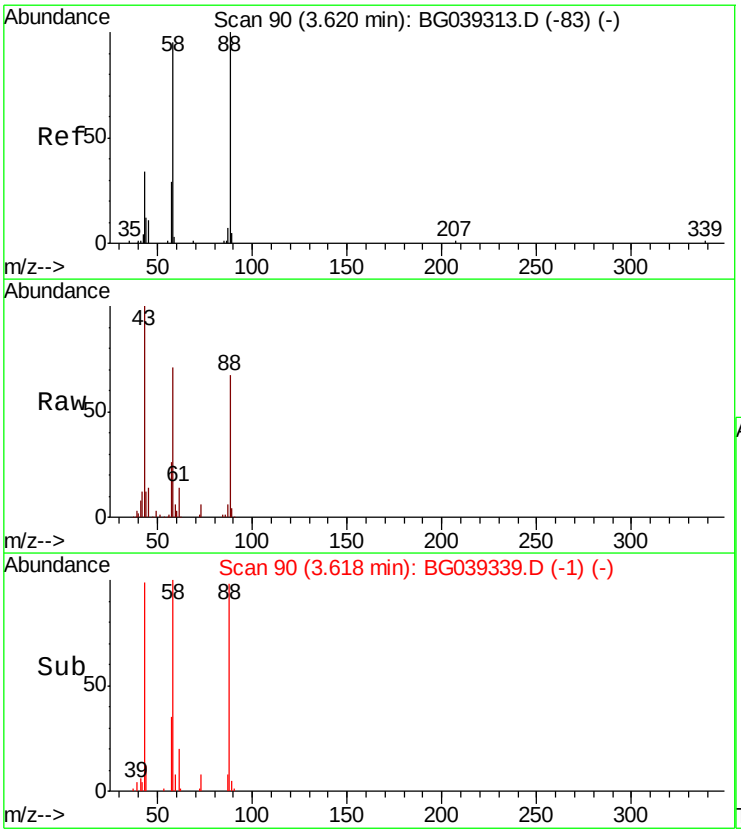

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:152 Resp: 42909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.9 | 123.7 | 185.5 |
| 115 | 62.4 | 45.9 | 68.9 |

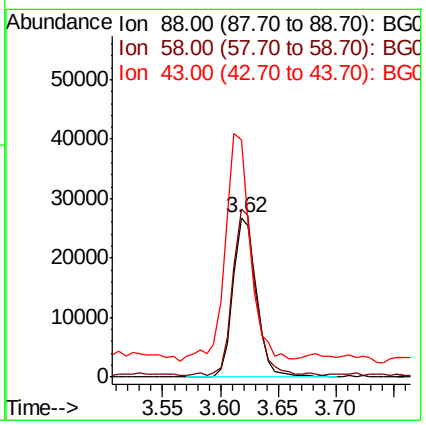


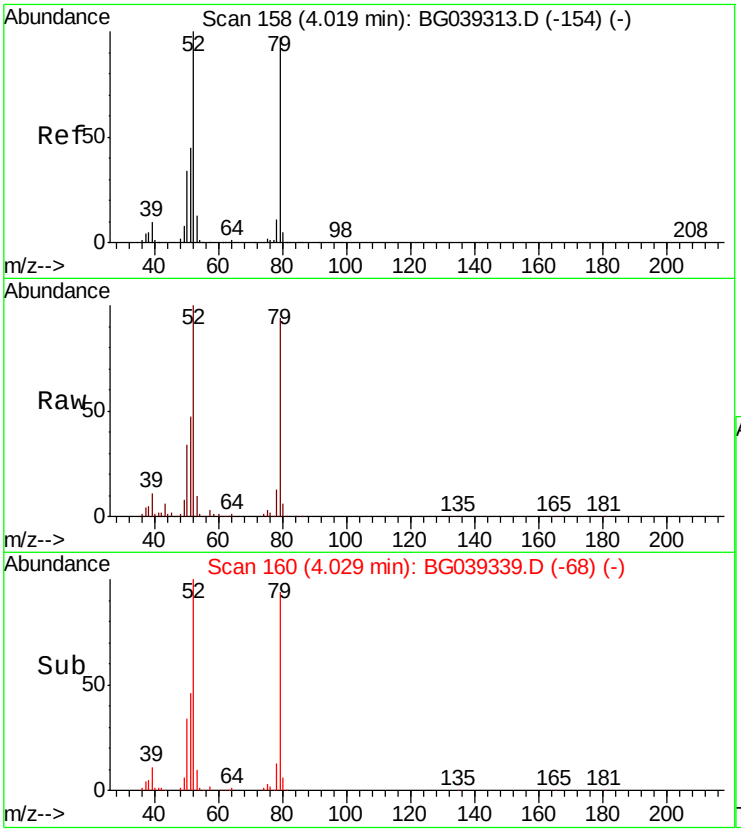




#2
1,4-Dioxane
Concen: 34.533 ng
RT: 3.62 min Scan# 90
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion: 88 Resp: 37871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 103.8 | 81.1 | 121.7 |
| 43 | 151.4 | 31.4 | 47.0# |



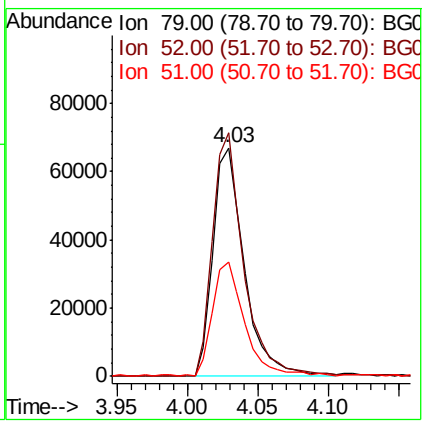


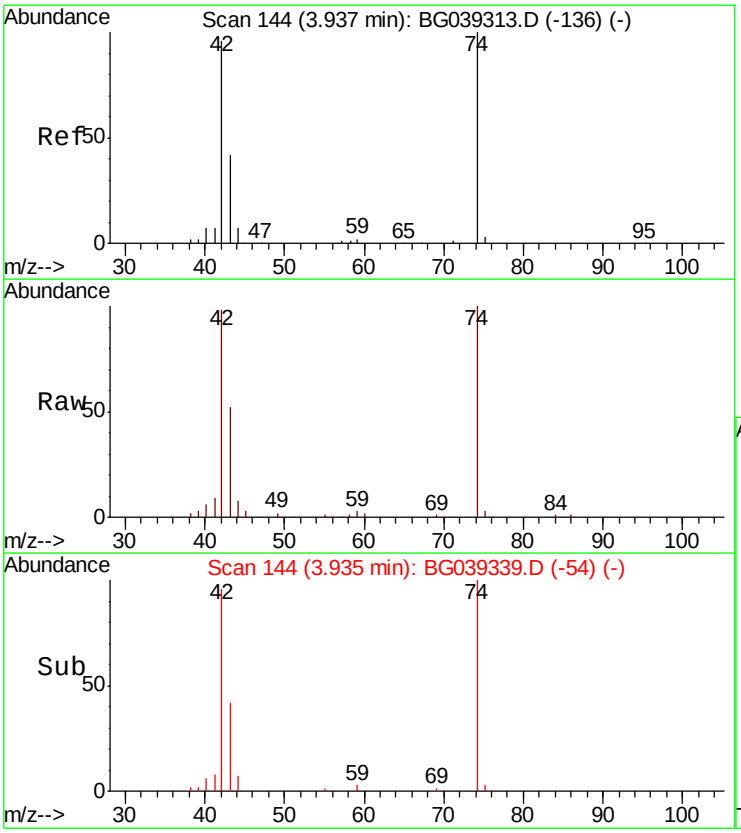

#3
Pyridine
Concen: 35.791 ng
RT: 4.03 min Scan# 160
Delta R.T. 0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion: 79 Resp: 103920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 106.4 | 82.6 | 124.0 |
| 51 | 49.8 | 37.5 | 56.3 |

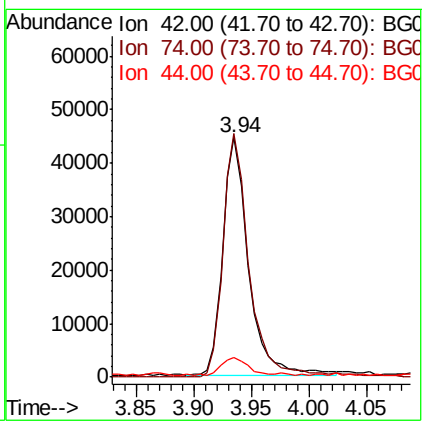


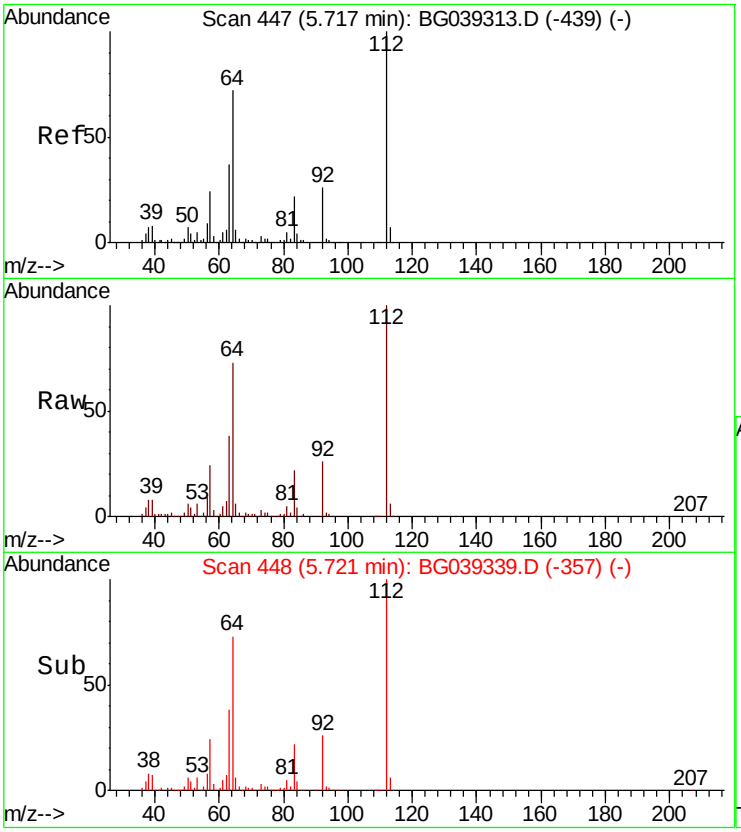




#4
n-Nitrosodimethylamine
Concen: 47.982 ng
RT: 3.94 min Scan# 144
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion: 42 Resp: 69674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 101.8 | 83.6 | 125.4 |
| 44 | 8.0 | 6.9 | 10.3 |



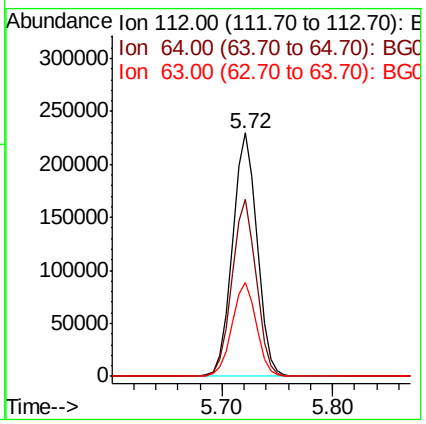


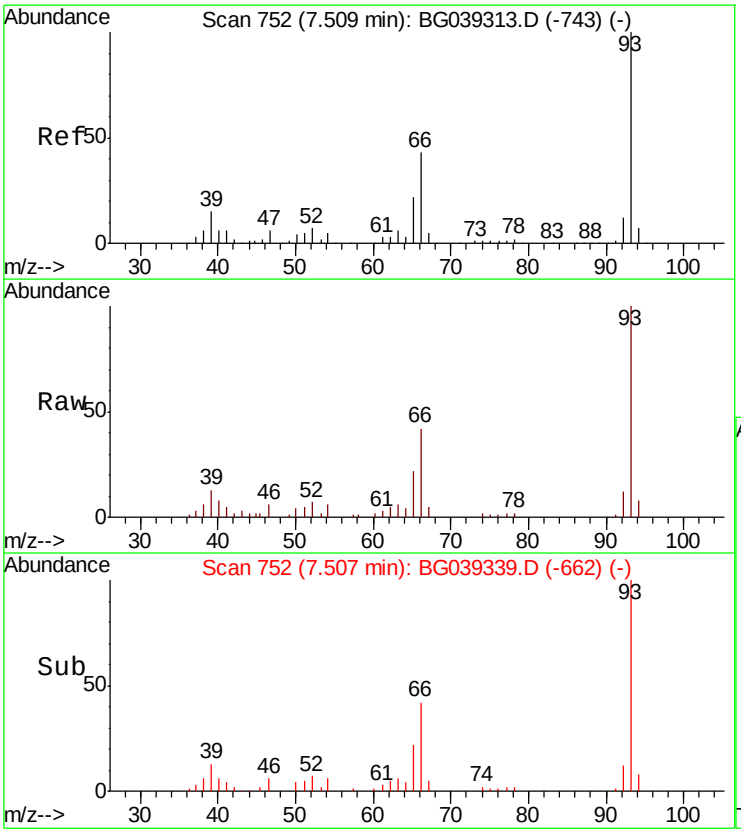

#5
2-Fluorophenol
Concen: 143.514 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:112 Resp: 359801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 72.7 | 57.8 | 86.8 |
| 63 | 38.4 | 29.8 | 44.6 |

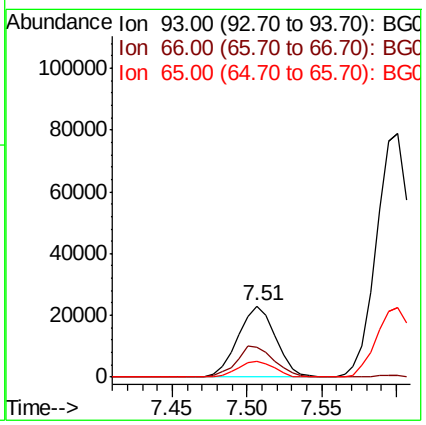


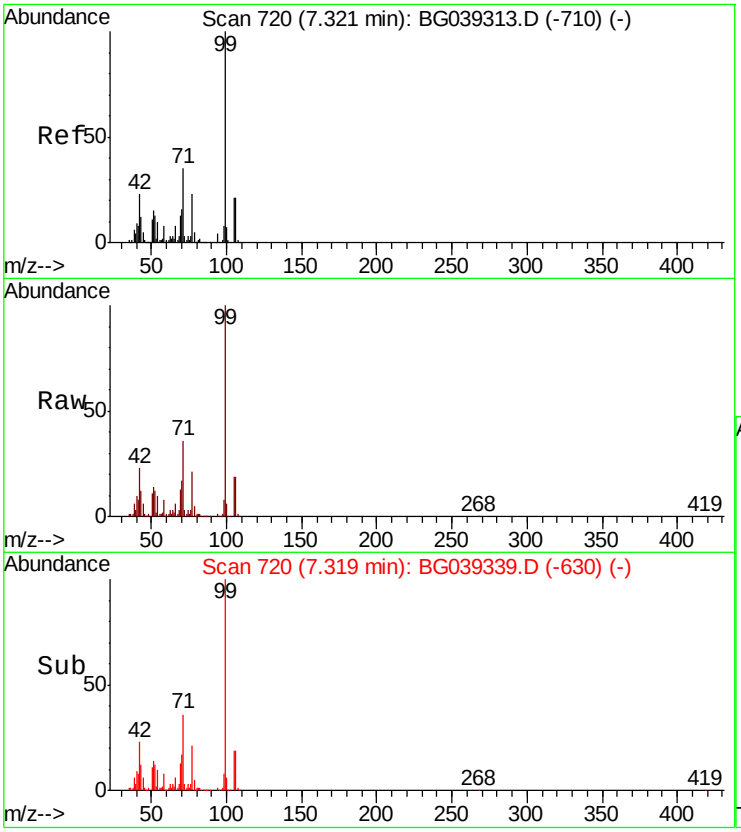




#6
Aniline
Concen: 8.664 ng
RT: 7.51 min Scan# 752
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion: 93 Resp: 40047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 42.1 | 34.2 | 51.4 |
| 65 | 21.7 | 17.7 | 26.5 |



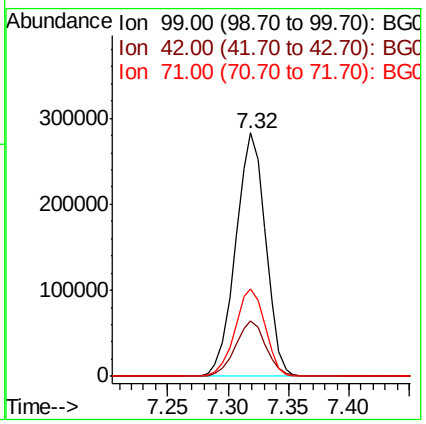


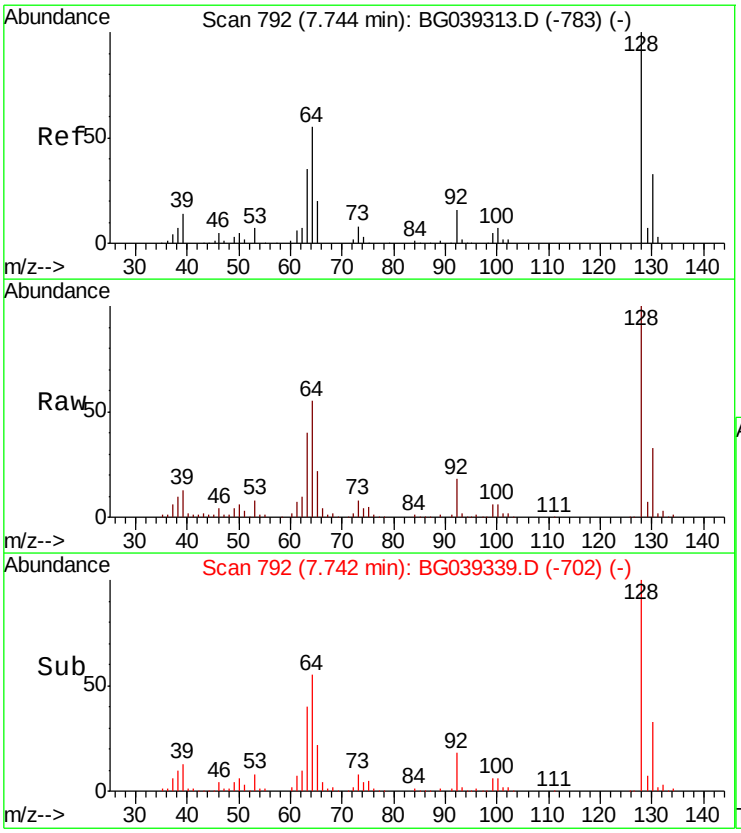

#7
Phenol-d6
Concen: 132.674 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion: 99 Resp: 489615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.7 | 18.2 | 27.2 |
| 71 | 36.2 | 28.0 | 42.0 |

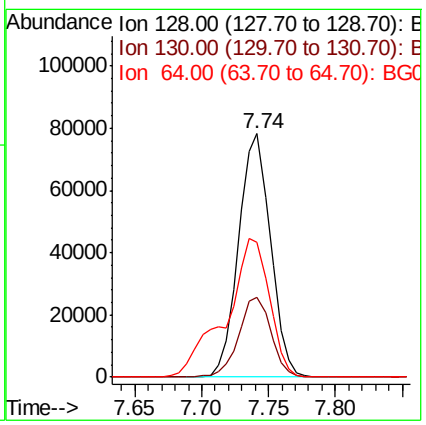


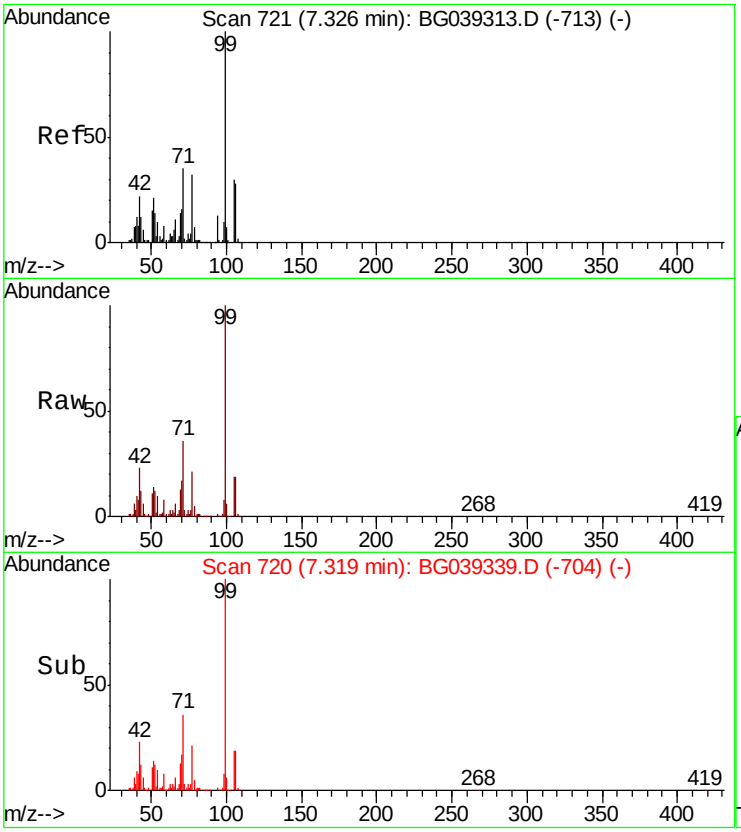




#8
2-Chlorophenol
Concen: 46.908 ng
RT: 7.74 min Scan# 792
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:128 Resp: 128550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.7 | 12.9 | 52.9 |
| 64 | 55.2 | 38.7 | 78.7 |



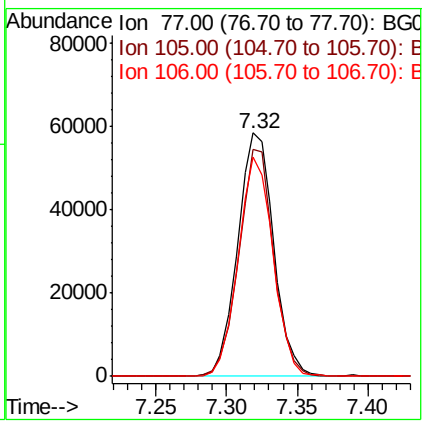


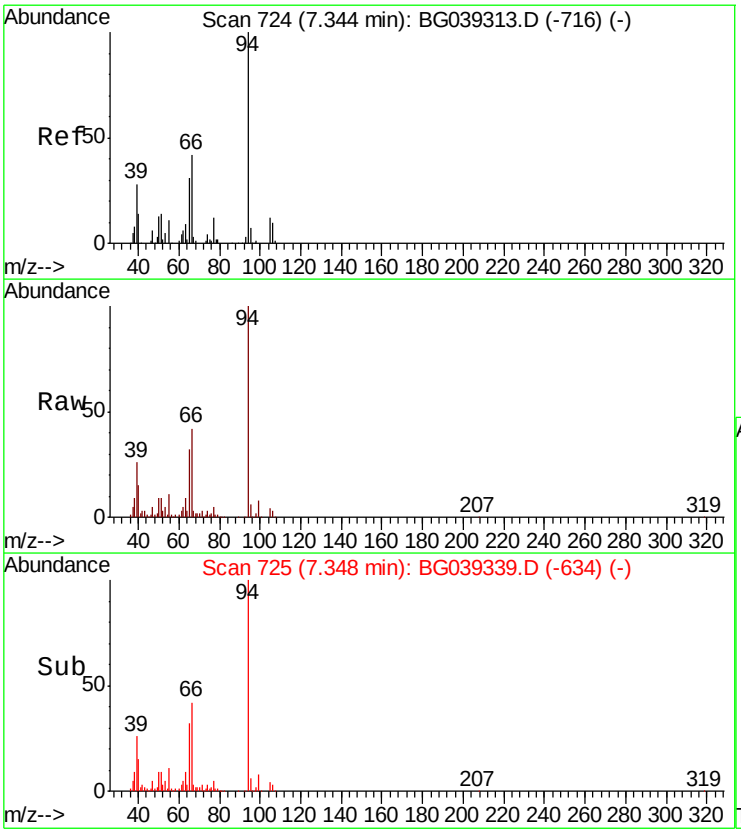

#9
Benzaldehyde
Concen: 70.365 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion: 77 Resp: 104080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 93.4 | 74.5 | 114.5 |
| 106 | 90.2 | 68.0 | 108.0 |

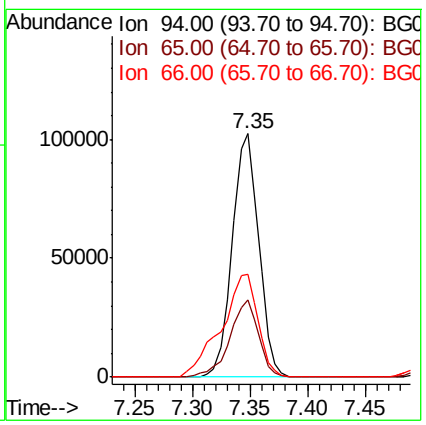


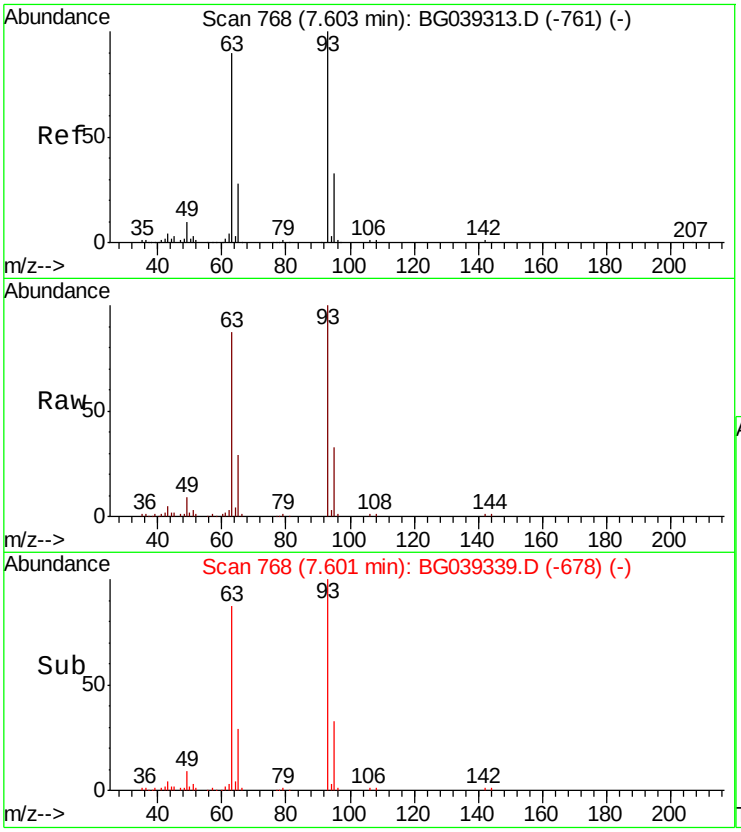




#10
Phenol
Concen: 42.169 ng
RT: 7.35 min Scan# 725
Delta R.T. 0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion: 94 Resp: 162220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 31.6 | 11.7 | 51.7 |
| 66 | 42.1 | 23.7 | 63.7 |



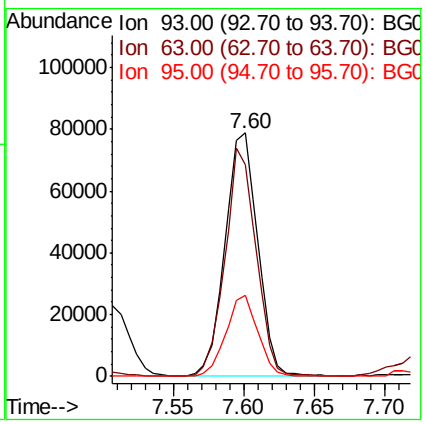


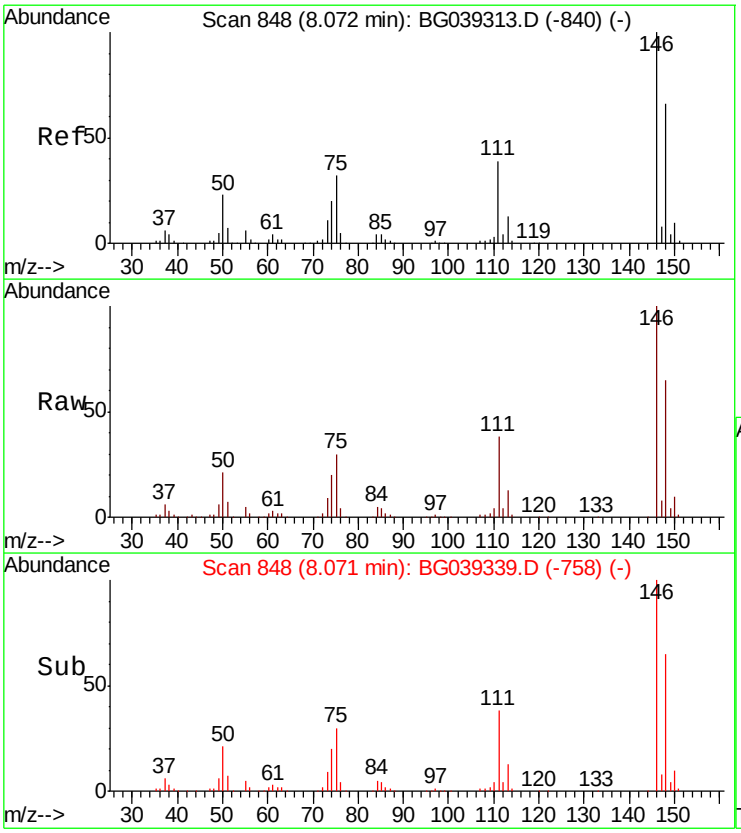

#11
bis(2-Chloroethyl)ether
Concen: 41.733 ng
RT: 7.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion: 93 Resp: 126859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 87.0 | 69.5 | 109.5 |
| 95 | 33.5 | 12.7 | 52.7 |

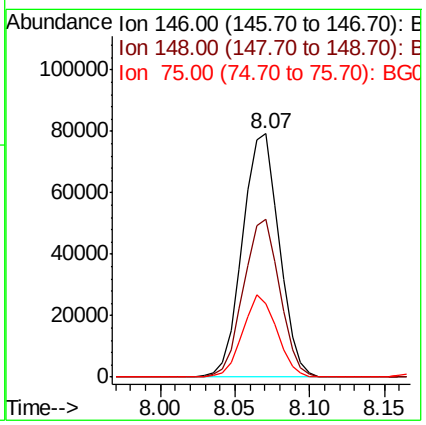


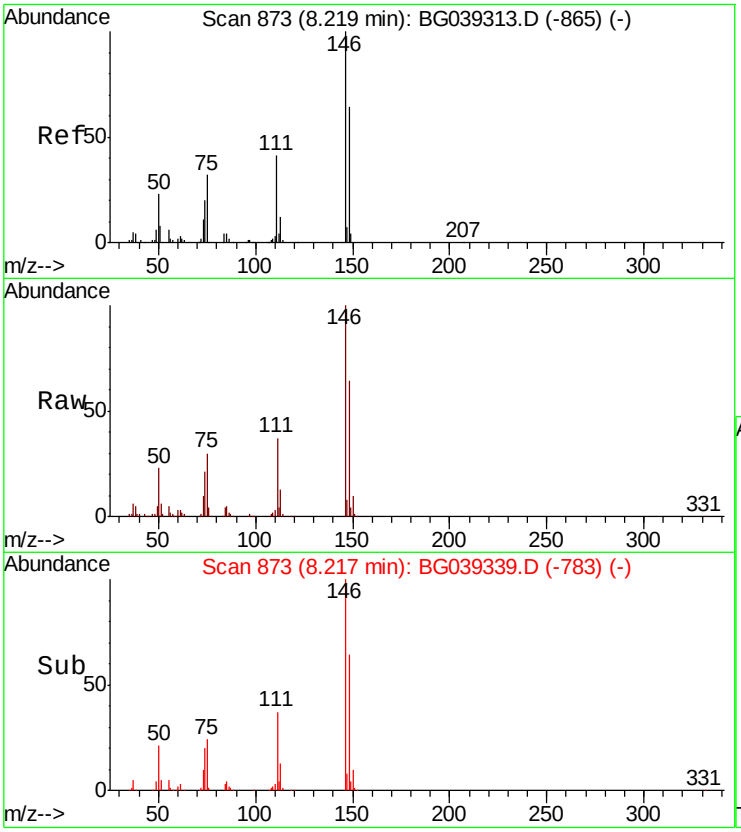




#12
1,3-Dichlorobenzene
Concen: 40.497 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:146 Resp: 134445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.9 | 52.6 | 79.0 |
| 75 | 30.0 | 25.8 | 38.6 |



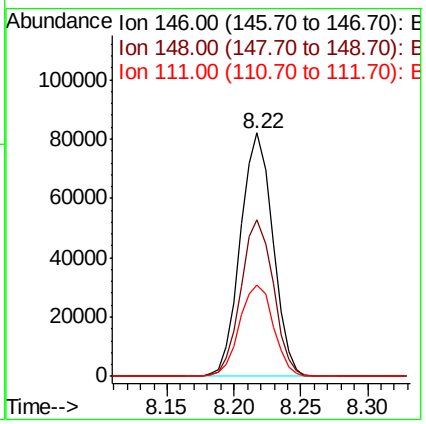


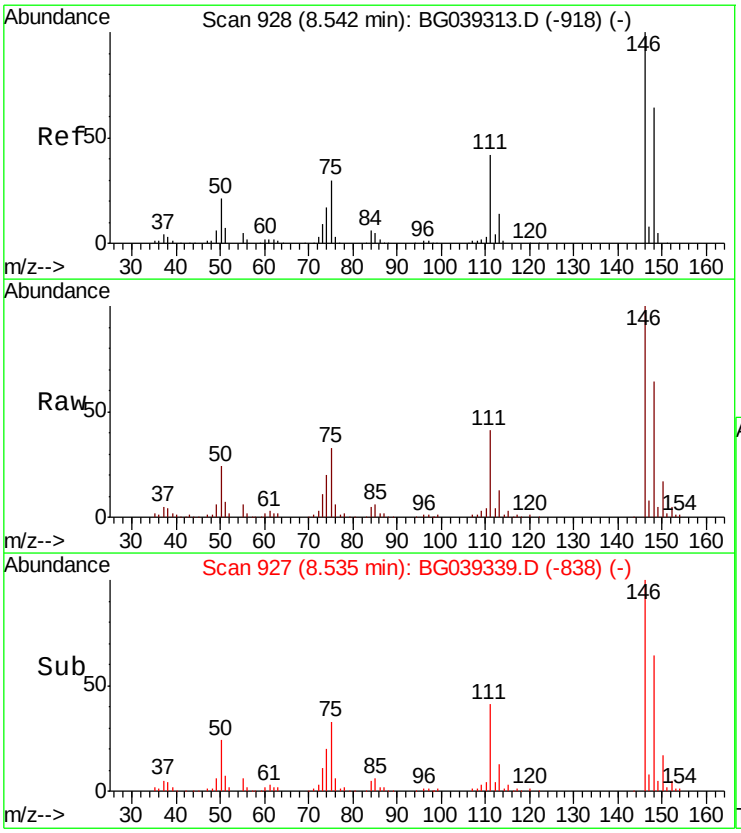

#13
1,4-Dichlorobenzene
Concen: 41.667 ng
RT: 8.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:146 Resp: 137877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.4 | 51.1 | 76.7 |
| 111 | 37.3 | 32.6 | 48.8 |

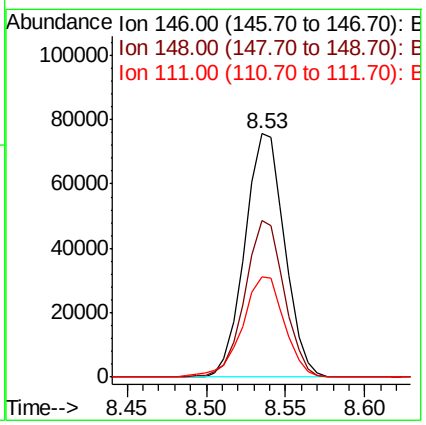


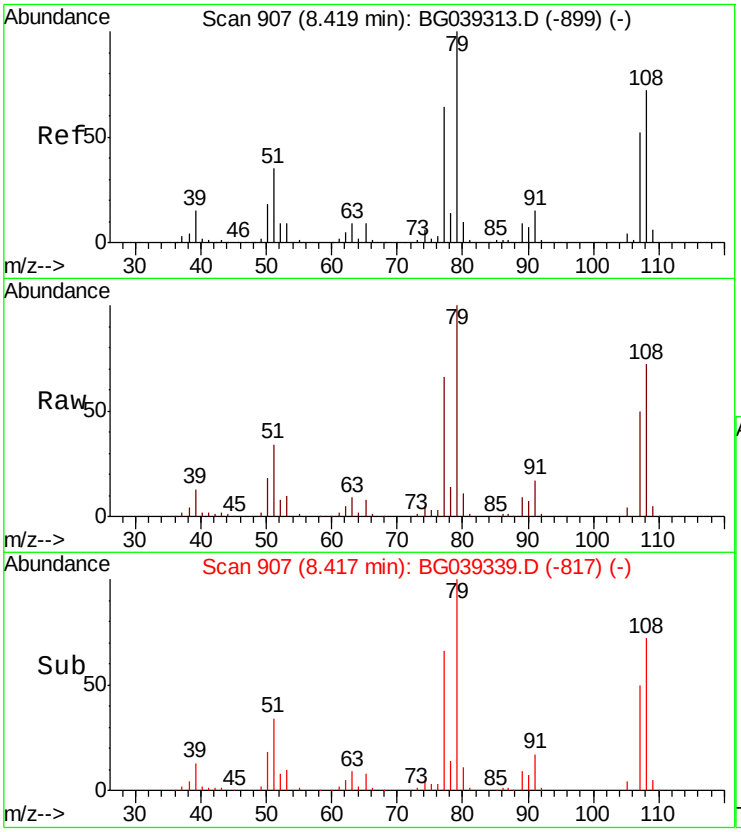




#14
1,2-Dichlorobenzene
Concen: 41.145 ng
RT: 8.53 min Scan# 927
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:146 Resp: 131801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.1 | 51.5 | 77.3 |
| 111 | 41.3 | 33.8 | 50.6 |



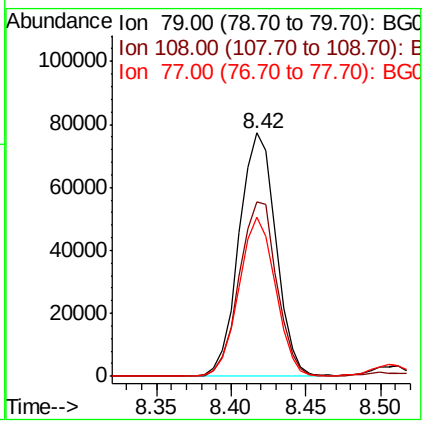


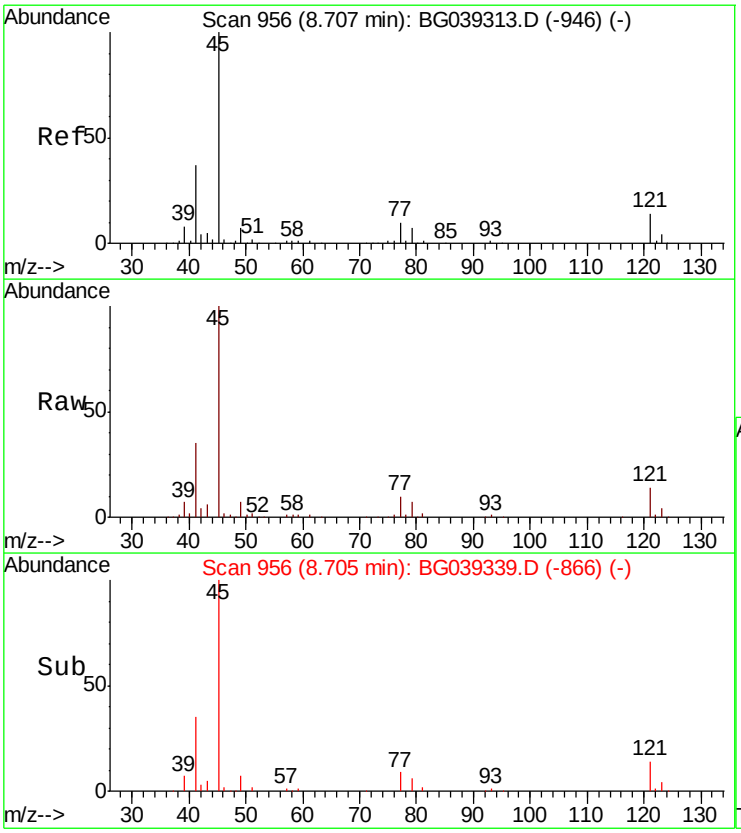

#15
Benzyl Alcohol
Concen: 45.658 ng
RT: 8.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion: 79 Resp: 132281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 71.9 | 57.8 | 86.6 |
| 77 | 65.6 | 51.1 | 76.7 |

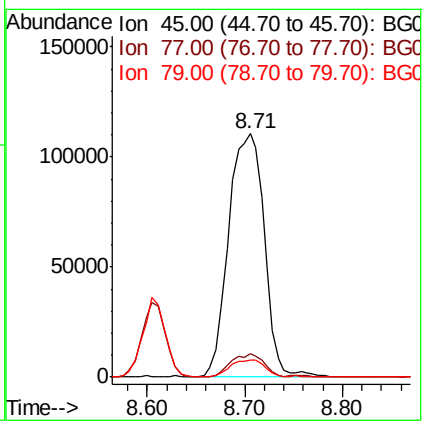


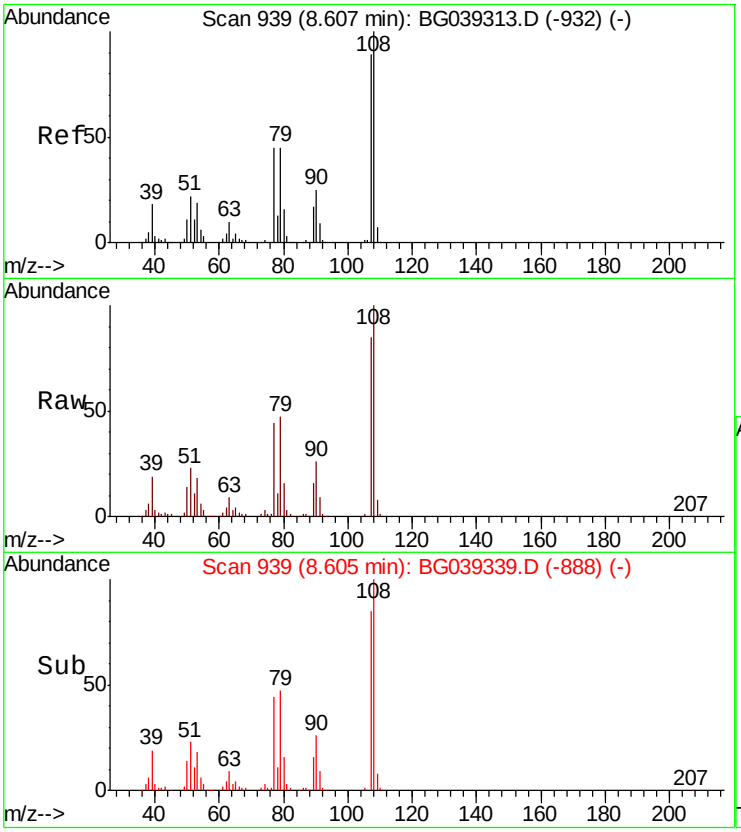




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.657 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion: 45 Resp: 279091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 9.5 | 0.0 | 30.0 |
| 79 | 7.2 | 0.0 | 27.5 |



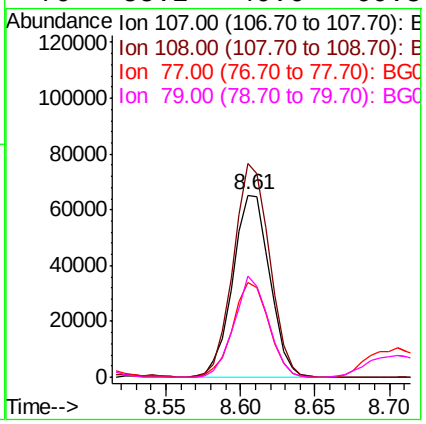


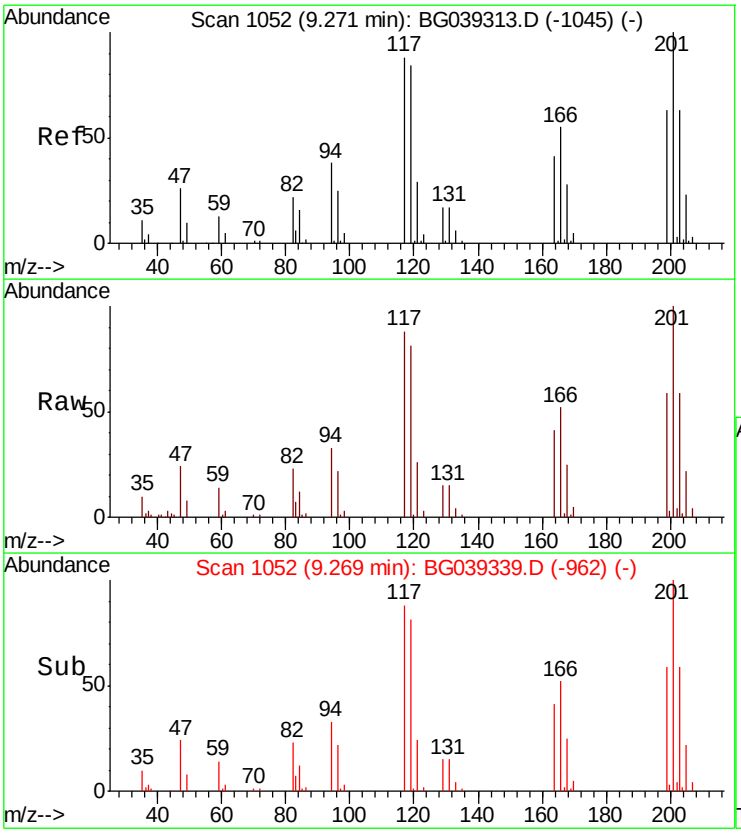

#17
2-Methylphenol
Concen: 45.135 ng
RT: 8.61 min Scan# 939
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:107 Resp: 112360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 117.1 | 90.8 | 136.2 |
| 77 | 51.9 | 40.7 | 61.1 |
| 79 | 55.2 | 40.6 | 60.8 |

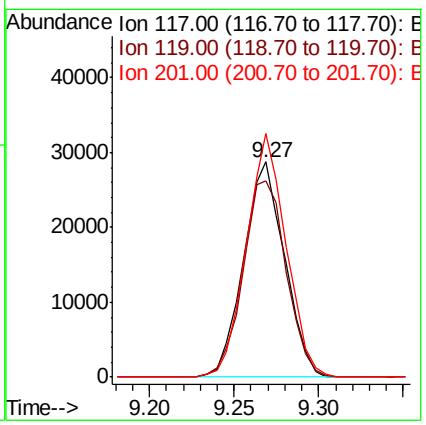


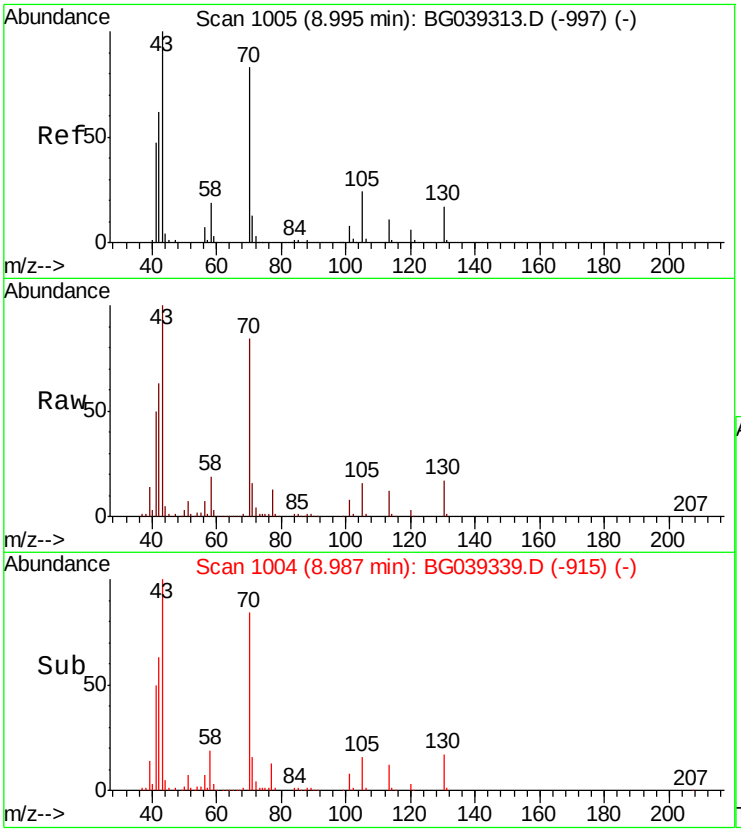




#18
Hexachloroethane
Concen: 42.588 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:117 Resp: 48483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 91.4 | 76.3 | 114.5 |
| 201 | 113.3 | 91.1 | 136.7 |



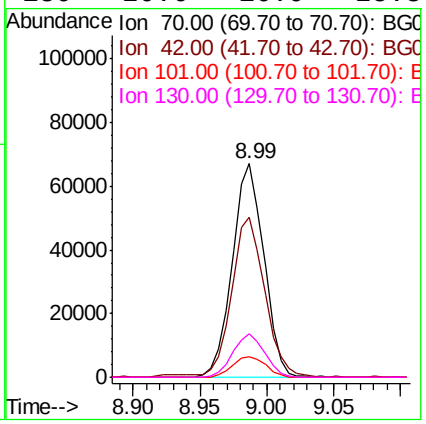


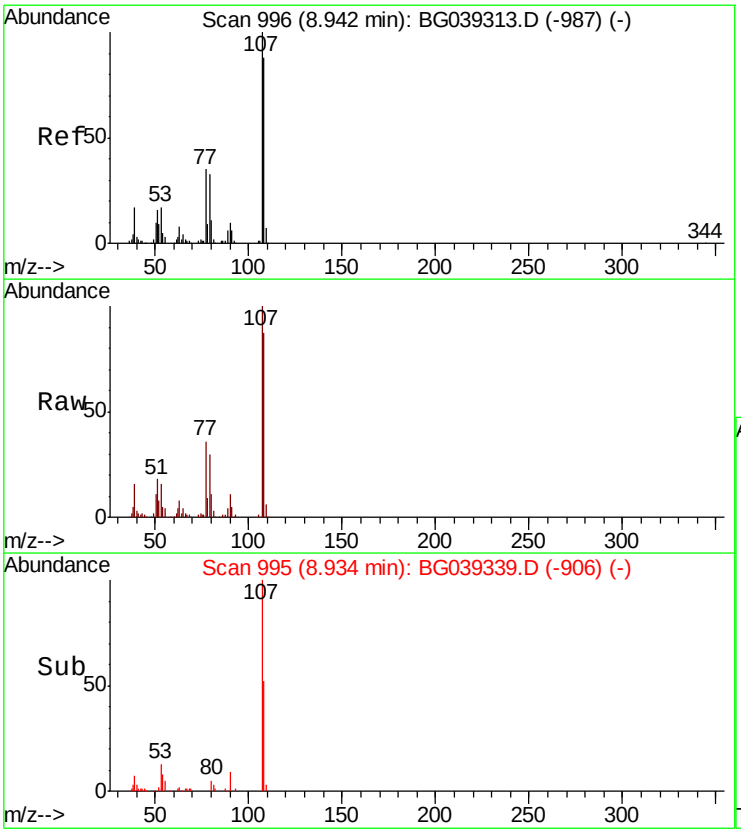

#19
n-Nitroso-di-n-propylamine
Concen: 41.891 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion: 70 Resp: 109724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 74.7 | 60.4 | 90.6 |
| 101 | 9.7 | 7.5 | 11.3 |
| 130 | 20.6 | 16.9 | 25.3 |

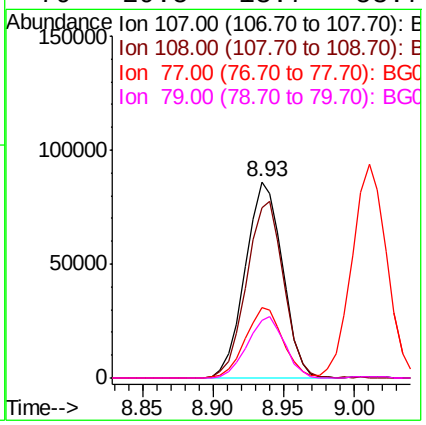


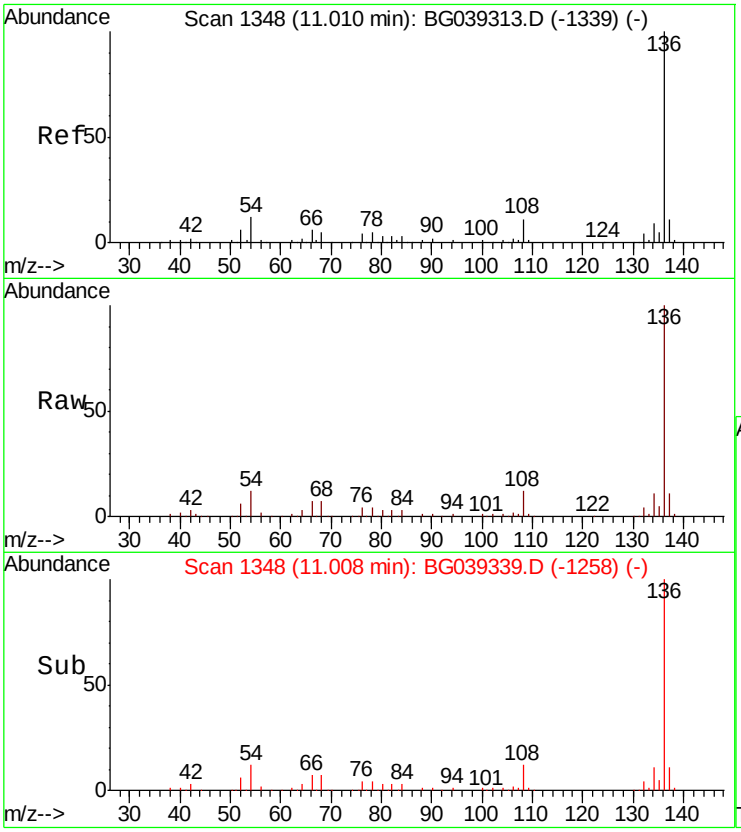




#20
3+4-Methylphenols
Concen: 46.530 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:107 Resp: 159510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 86.7 | 67.9 | 107.9 |
| 77 | 36.0 | 15.4 | 55.4 |
| 79 | 29.5 | 13.7 | 53.7 |



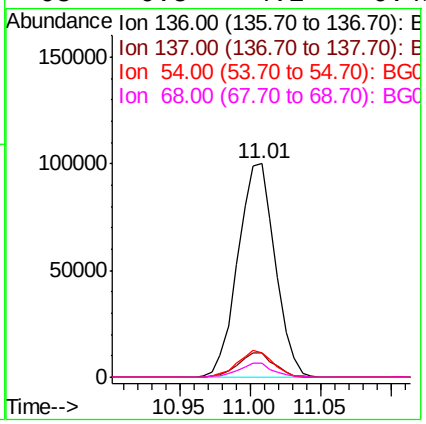


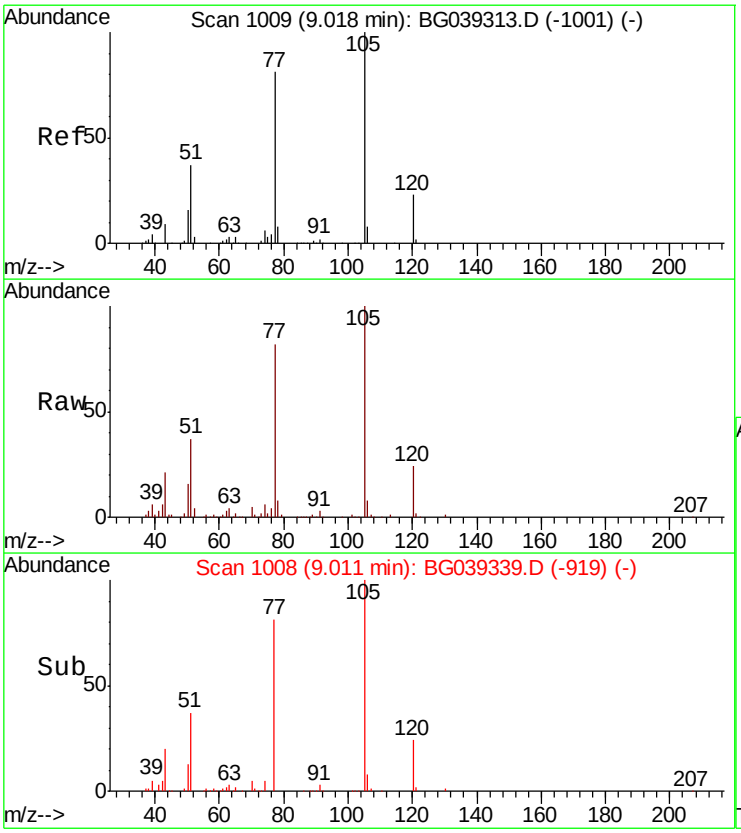

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:136 Resp: 185024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 9.1 | 13.7 |
| 54 | 11.6 | 9.4 | 14.2 |
| 68 | 6.5 | 4.2 | 6.4# |

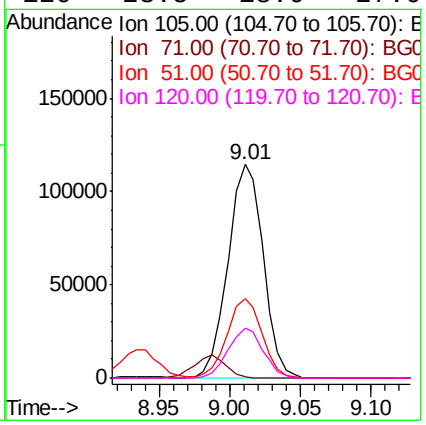


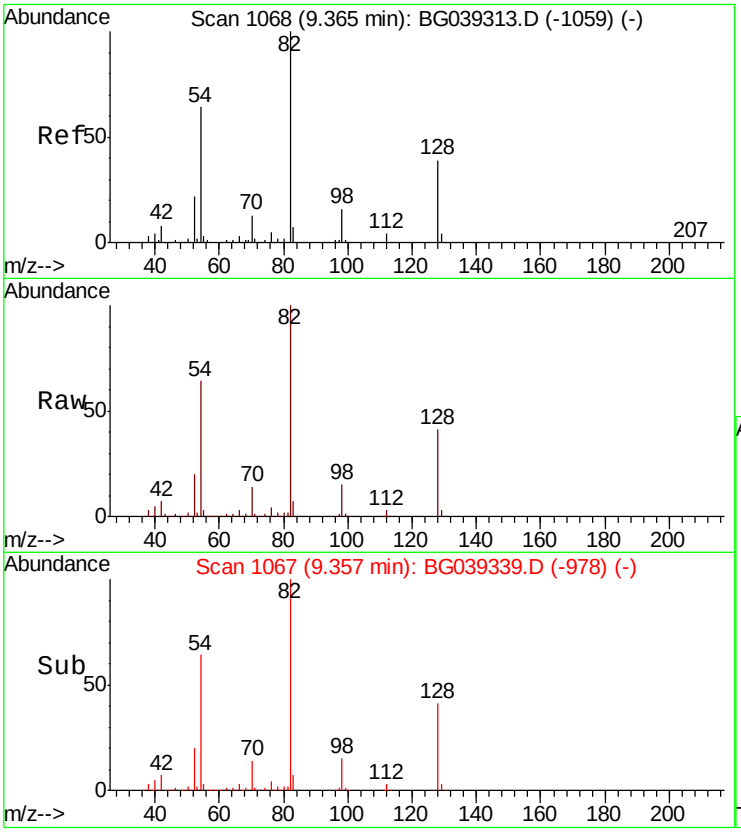




#22
Acetophenone
Concen: 40.100 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:105 Resp: 199299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 0.9 | 0.8 | 1.2 |
| 51 | 37.2 | 30.2 | 45.2 |
| 120 | 23.5 | 18.0 | 27.0 |



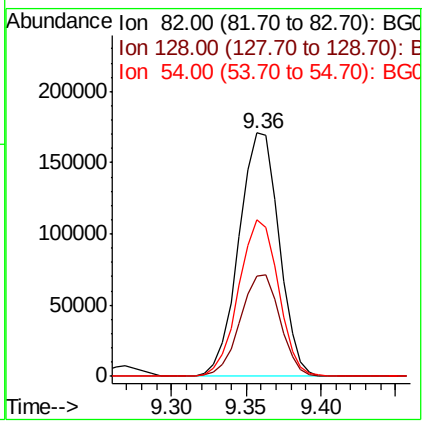


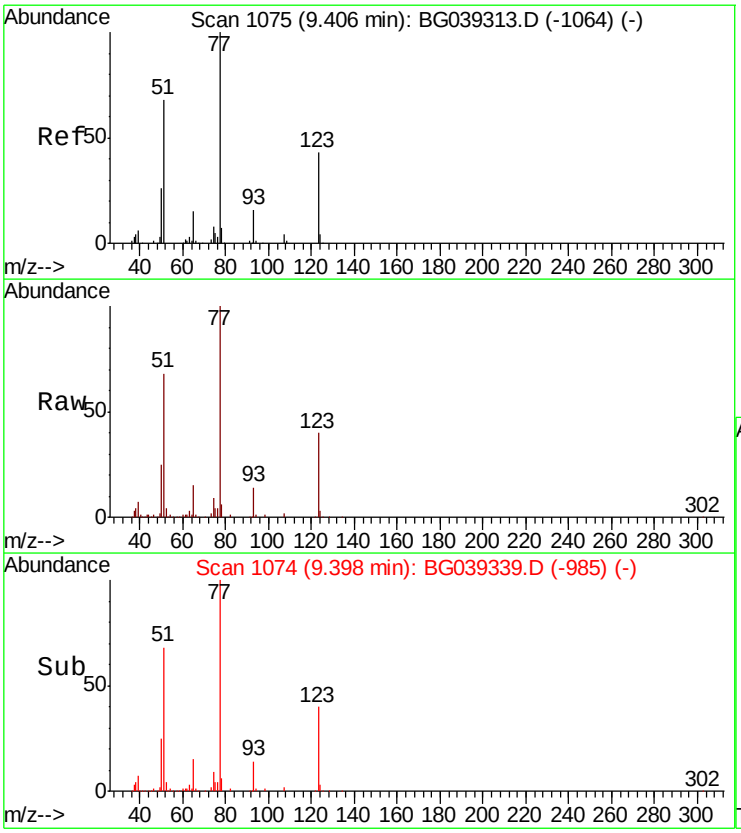

#23
Nitrobenzene-d5
Concen: 107.635 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion: 82 Resp: 318786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.0 | 31.3 | 46.9 |
| 54 | 64.1 | 50.9 | 76.3 |

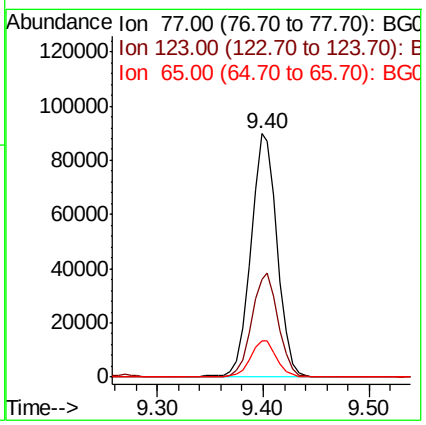


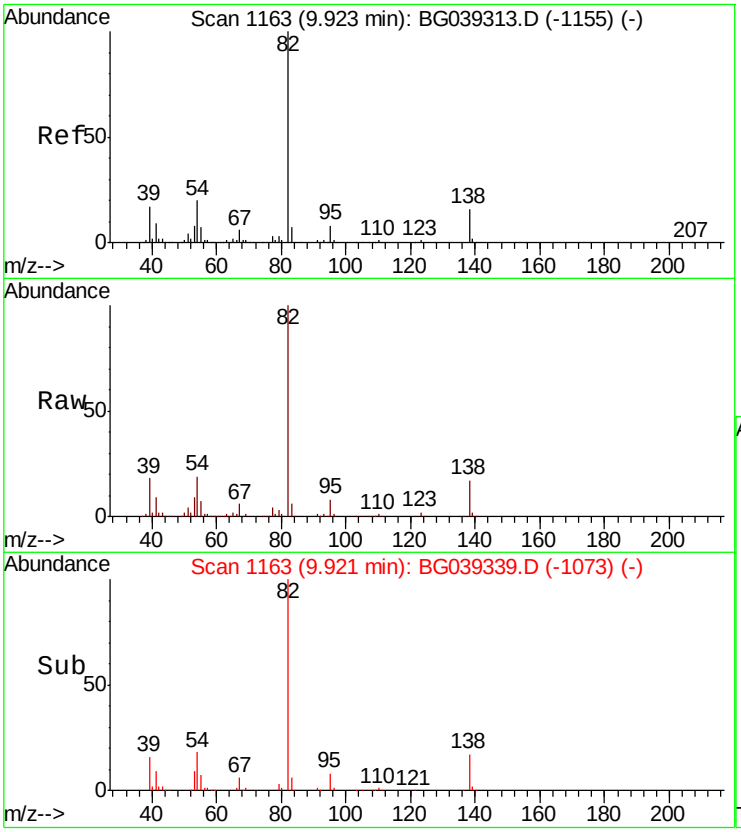




#24
Nitrobenzene
Concen: 48.743 ng
RT: 9.40 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion: 77 Resp: 155960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 40.2 | 34.1 | 51.1 |
| 65 | 14.7 | 12.3 | 18.5 |



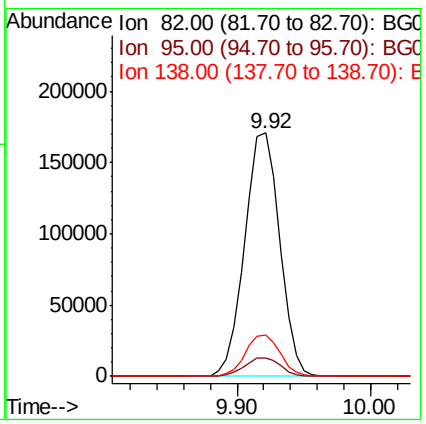


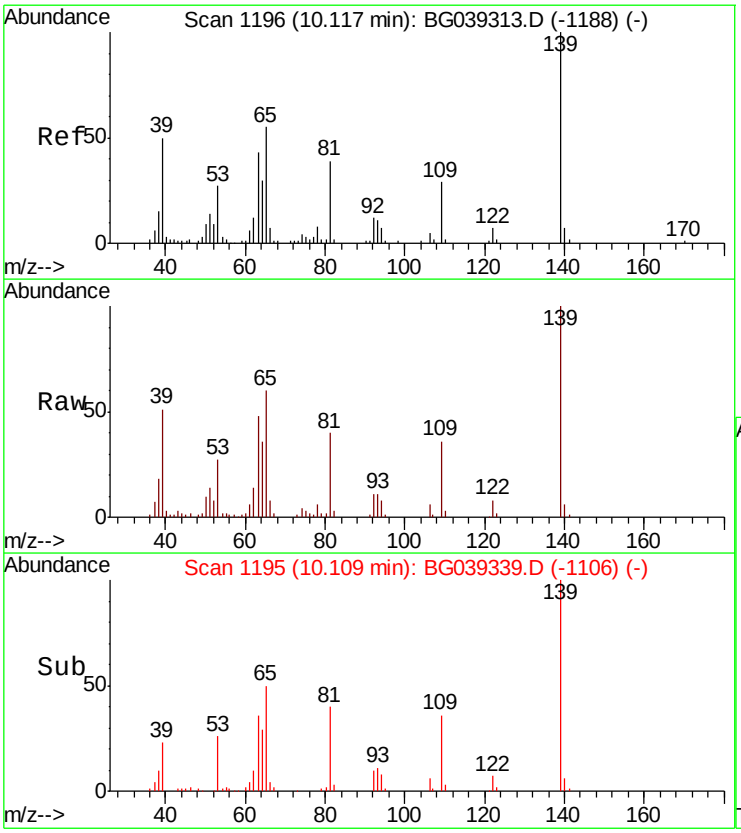

#25
Isophorone
Concen: 47.096 ng
RT: 9.92 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion: 82 Resp: 309098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.6 | 6.2 | 9.2 |
| 138 | 16.8 | 13.0 | 19.4 |

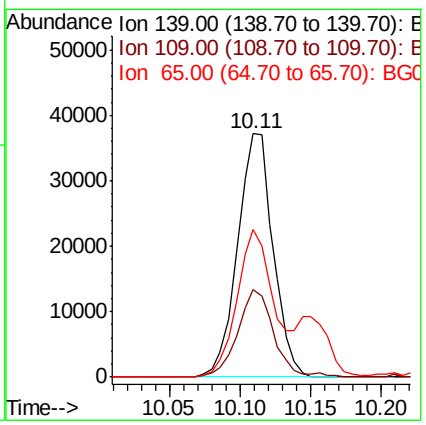


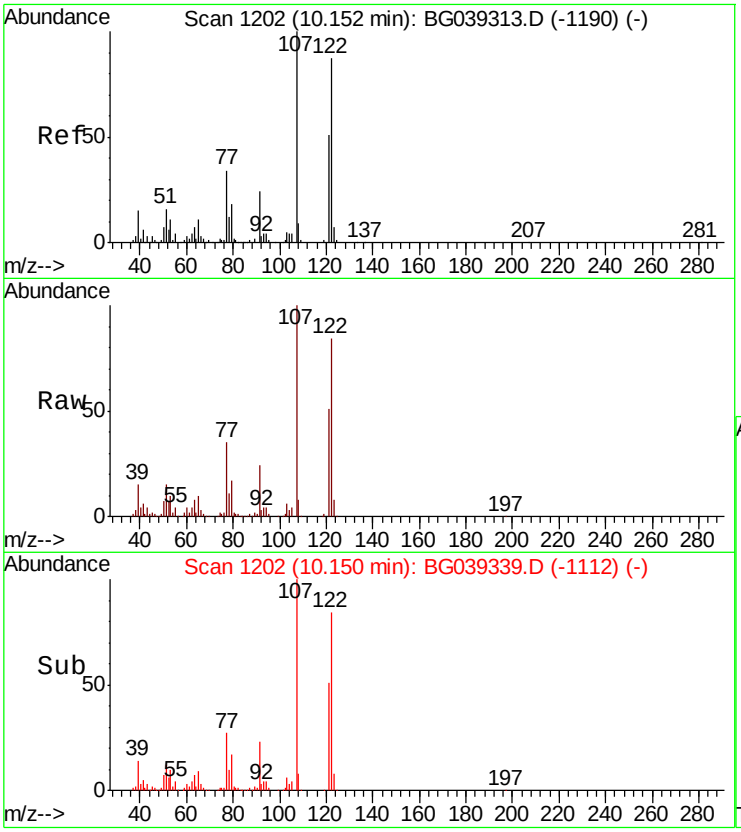




#26
2-Nitrophenol
Concen: 51.066 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:139 Resp: 65294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 36.0 | 23.4 | 35.0# |
| 65 | 60.5 | 44.3 | 66.5 |



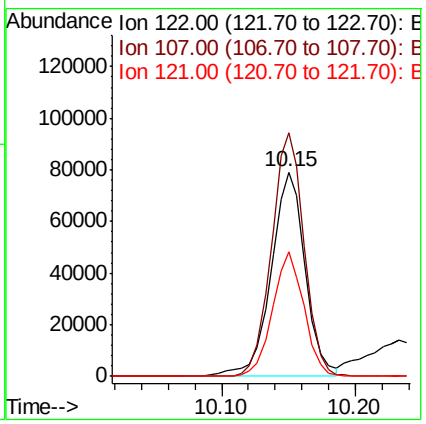


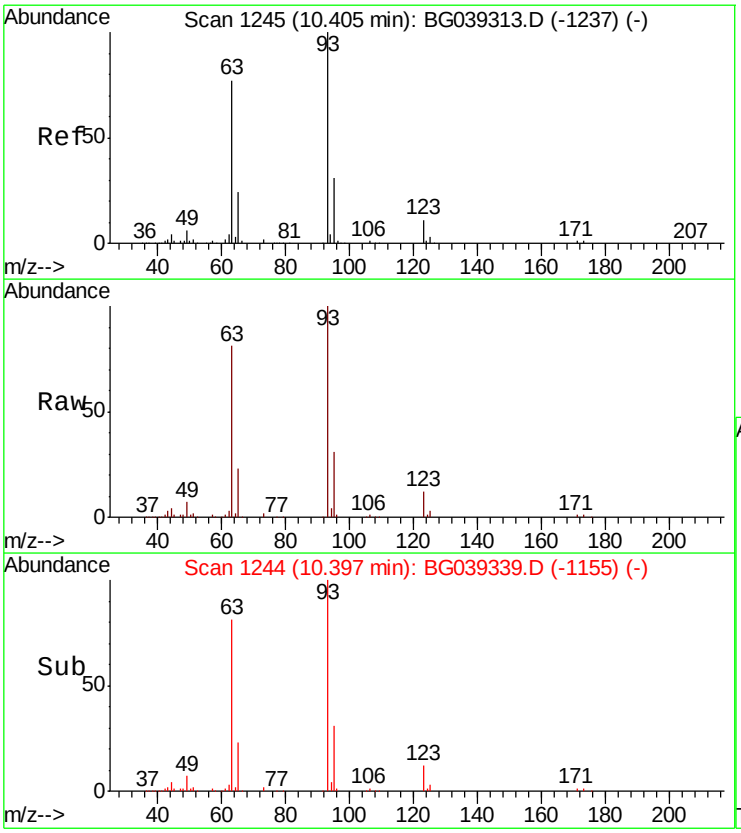

#27
2,4-Dimethylphenol
Concen: 52.907 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:122 Resp: 140466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 119.0 | 91.7 | 137.5 |
| 121 | 60.9 | 46.4 | 69.6 |

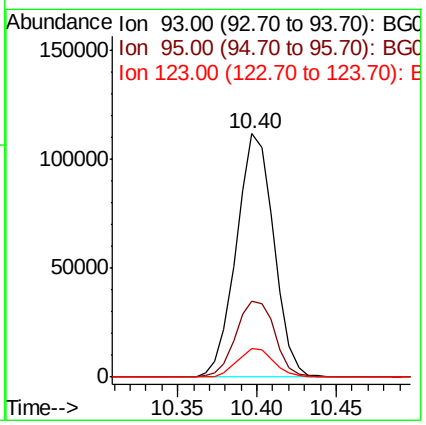


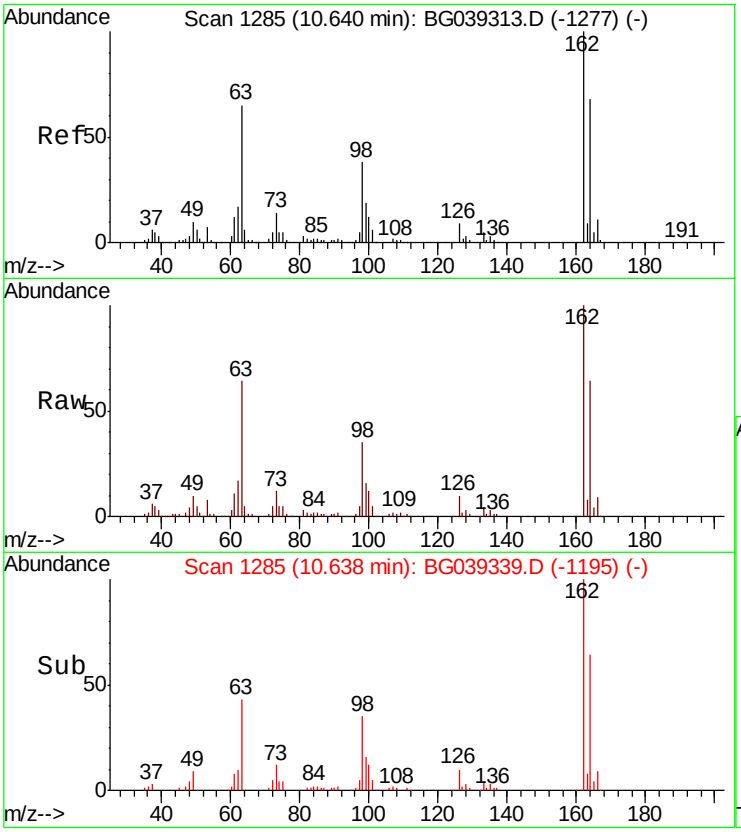




#28
bis(2-Chloroethoxy)methane
Concen: 45.343 ng
RT: 10.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion: 93 Resp: 183300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.4 | 25.0 | 37.4 |
| 123 | 11.5 | 8.6 | 12.8 |



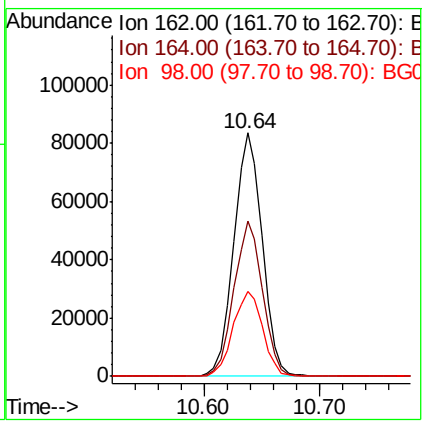


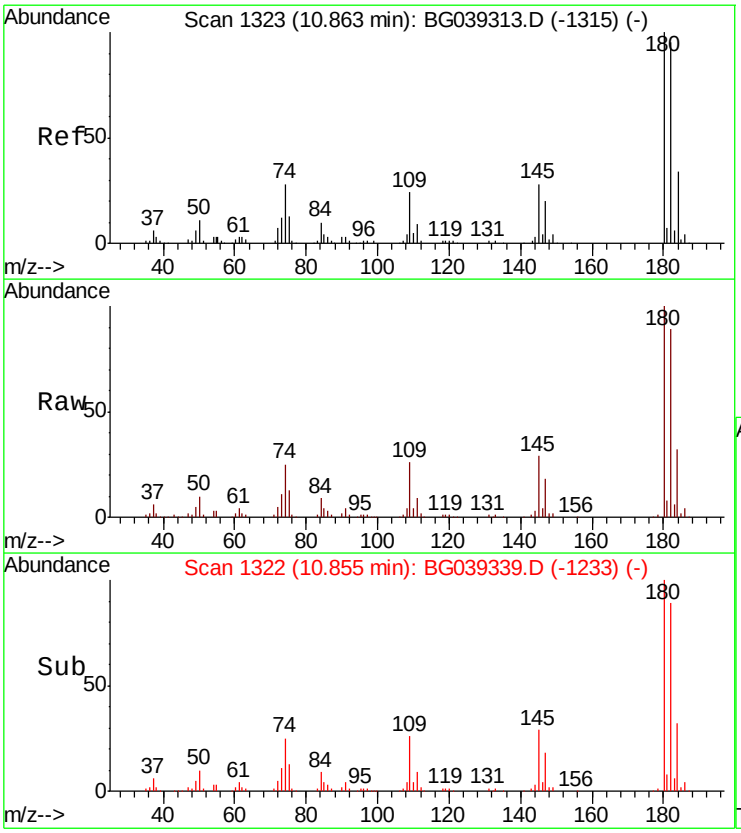

#29
2,4-Dichlorophenol
Concen: 48.887 ng
RT: 10.64 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:162 Resp: 141856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.6 | 48.1 | 88.1 |
| 98 | 34.7 | 18.1 | 58.1 |

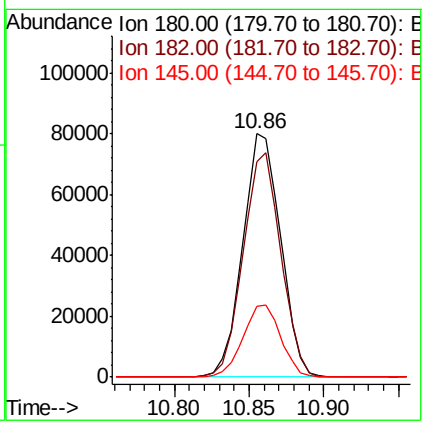


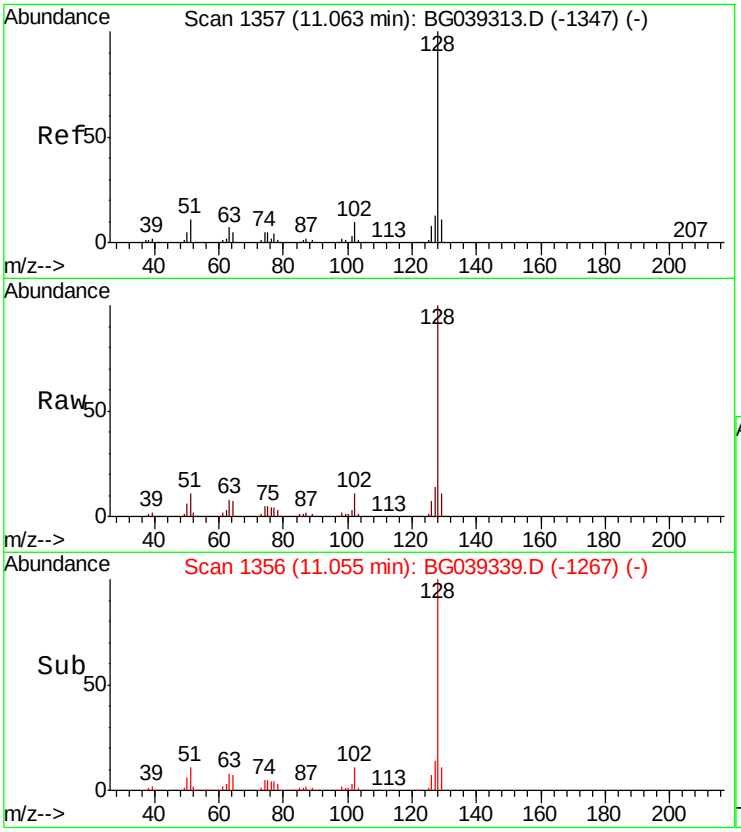




#30
1,2,4-Trichlorobenzene
Concen: 43.015 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:180 Resp: 140132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 88.7 | 76.0 | 114.0 |
| 145 | 29.3 | 22.7 | 34.1 |



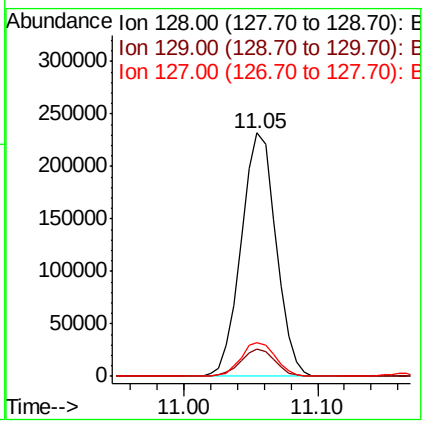


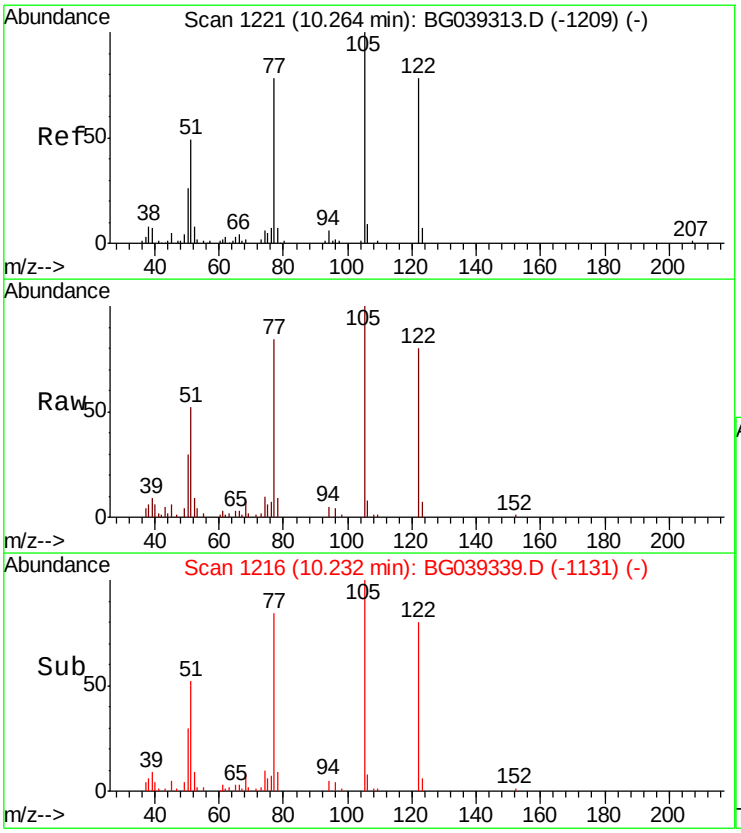

#31
Naphthalene
Concen: 45.415 ng
RT: 11.05 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:128 Resp: 416861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 8.7 | 13.1 |
| 127 | 13.7 | 10.8 | 16.2 |

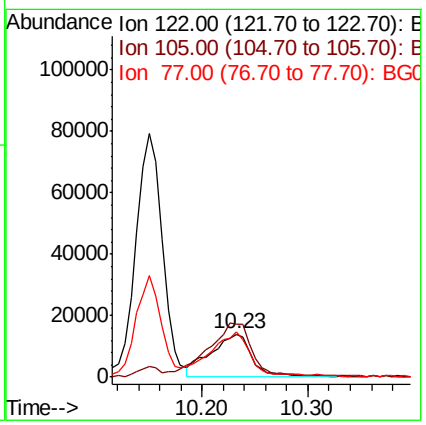


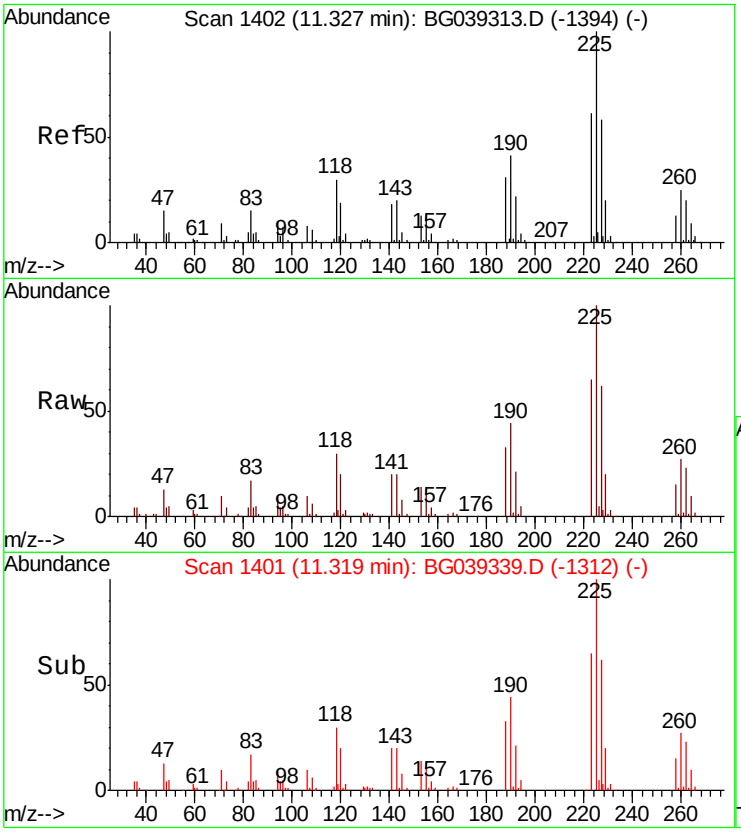




#32
Benzoic acid
Concen: 26.258 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.03 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:122 Resp: 36902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 125.1 | 101.8 | 141.8 |
| 77 | 104.6 | 76.3 | 116.3 |



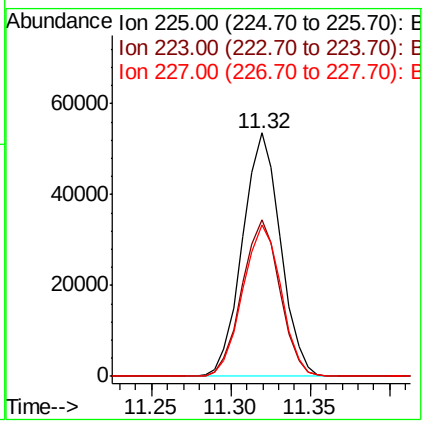


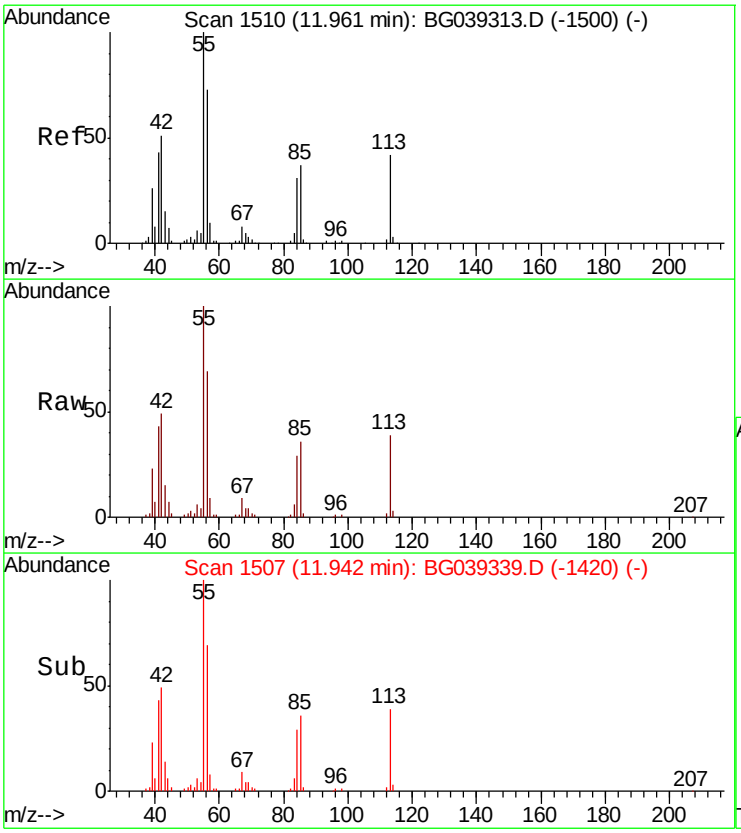

#34
Hexachlorobutadiene
Concen: 41.256 ng
RT: 11.32 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:225 Resp: 89382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.5 | 49.0 | 73.6 |
| 227 | 62.2 | 46.3 | 69.5 |

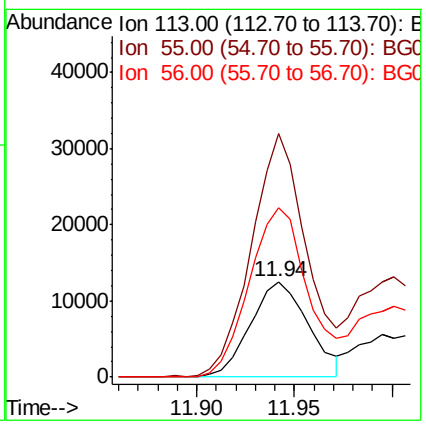


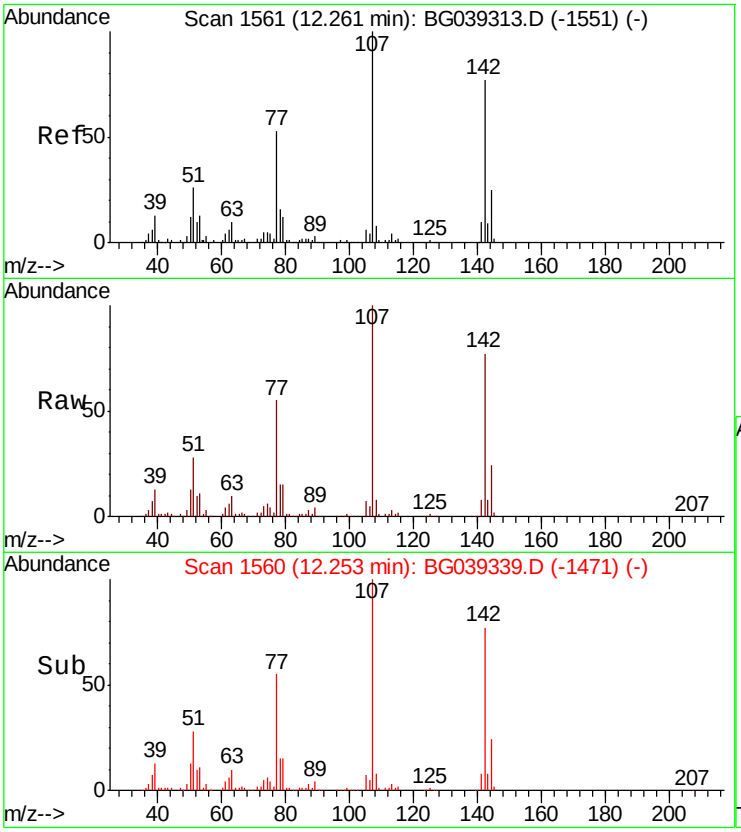




#35
Caprolactam
Concen: 21.358 ng
RT: 11.94 min Scan# 1507
Delta R.T. -0.02 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:113 Resp: 25645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 254.2 | 216.9 | 256.9 |
| 56 | 176.3 | 152.6 | 192.6 |



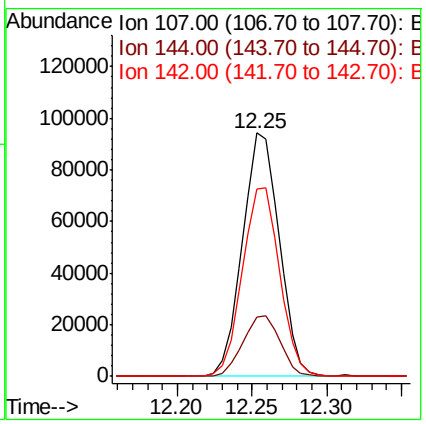


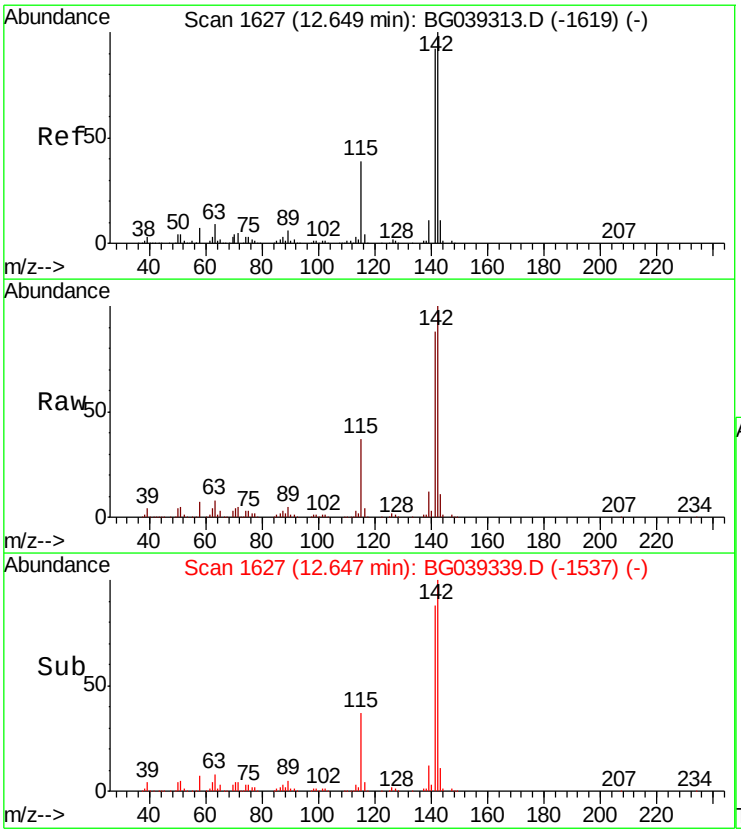

#36
4-Chloro-3-methylphenol
Concen: 47.869 ng
RT: 12.25 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:107 Resp: 160638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.4 | 20.2 | 30.2 |
| 142 | 76.7 | 61.4 | 92.2 |

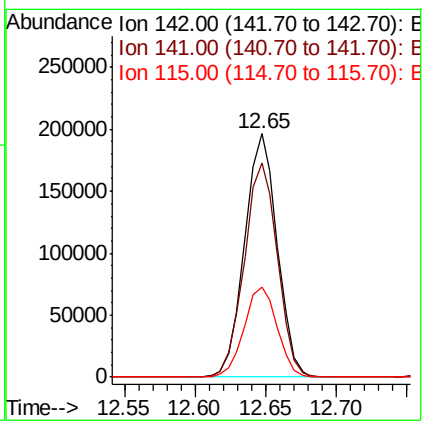


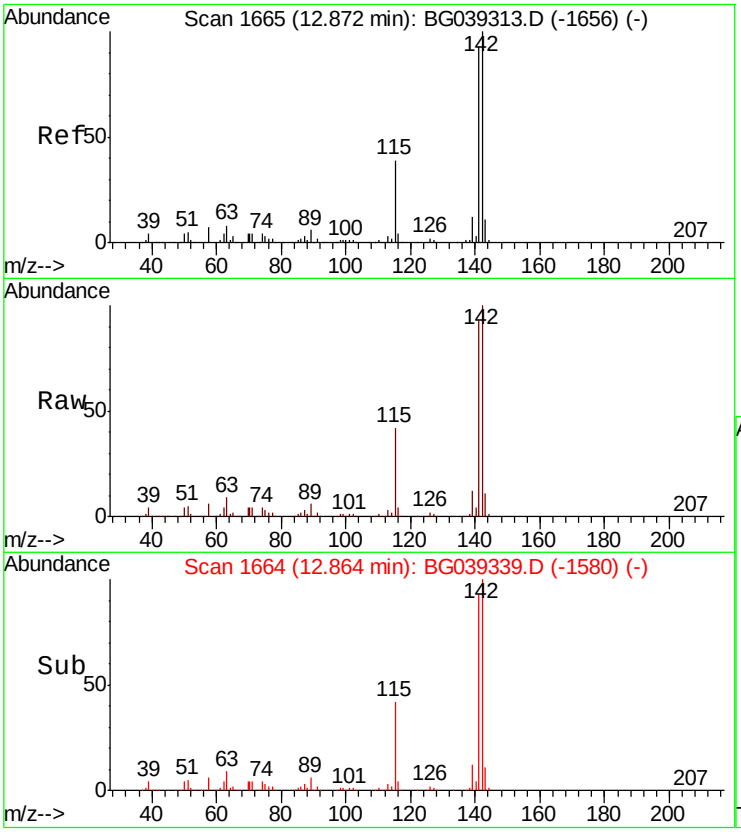




#37
2-Methylnaphthalene
Concen: 46.834 ng
RT: 12.65 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:142 Resp: 318400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.0 | 73.5 | 110.3 |
| 115 | 37.0 | 30.8 | 46.2 |



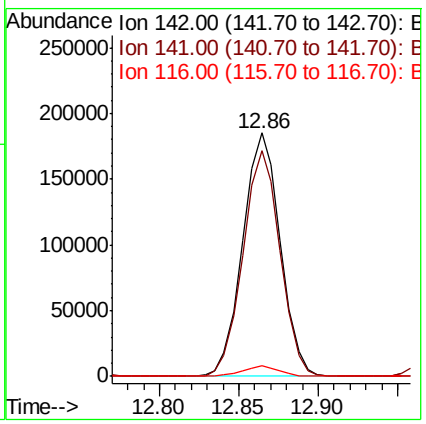


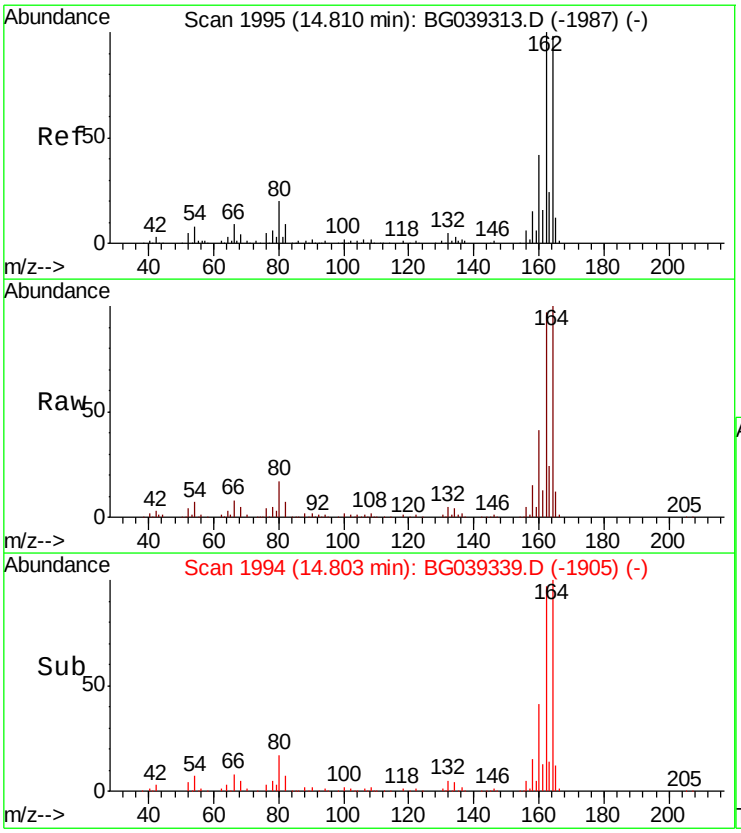

#38
1-Methylnaphthalene
Concen: 46.142 ng
RT: 12.86 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:142 Resp: 302384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.6 | 74.2 | 111.4 |
| 116 | 4.2 | 3.0 | 4.6 |

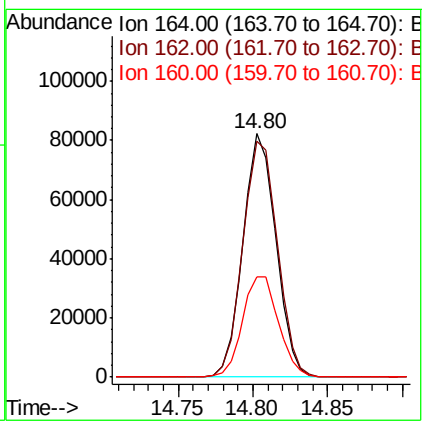


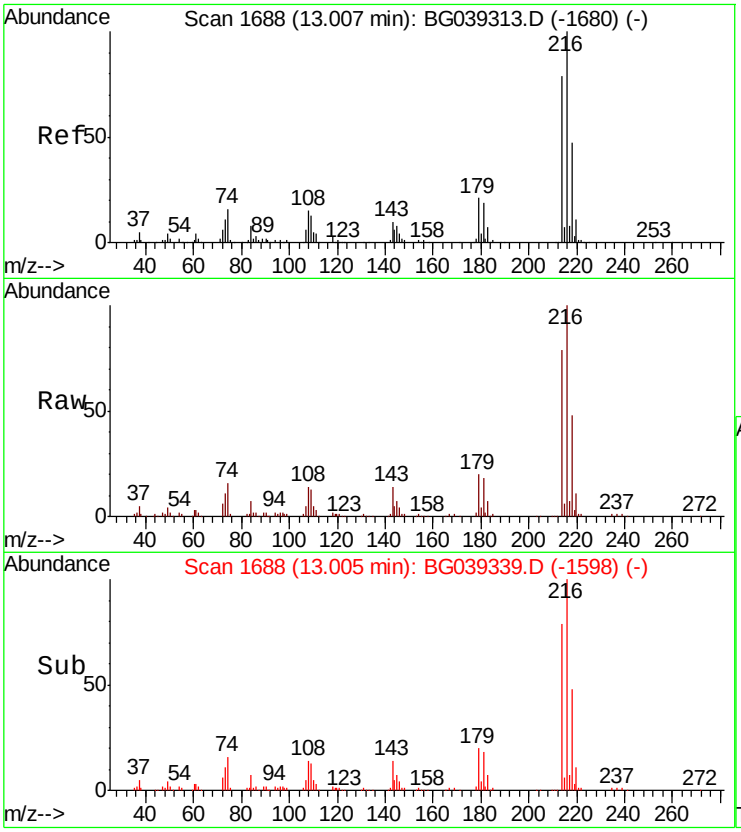




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:164 Resp: 125772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 97.0 | 81.6 | 122.4 |
| 160 | 41.4 | 34.2 | 51.2 |



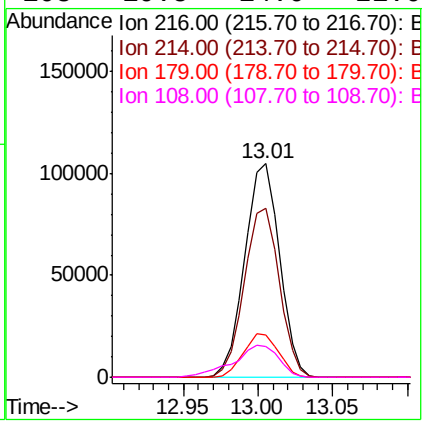


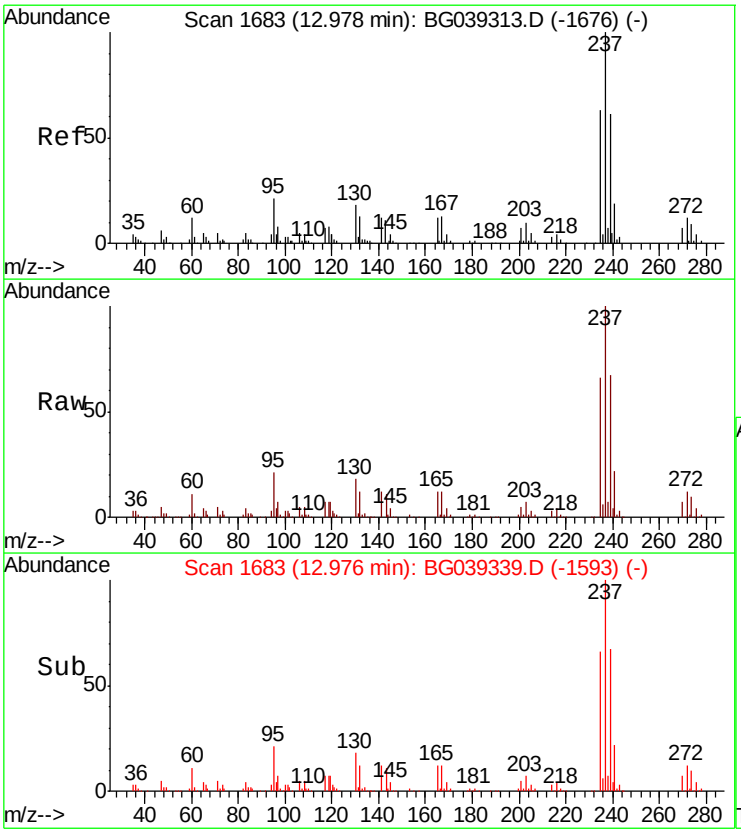

#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.335 ng
RT: 13.01 min Scan# 1688
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:216 Resp: 169411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.5 | 62.6 | 94.0 |
| 179 | 20.3 | 16.6 | 25.0 |
| 108 | 19.5 | 14.0 | 21.0 |

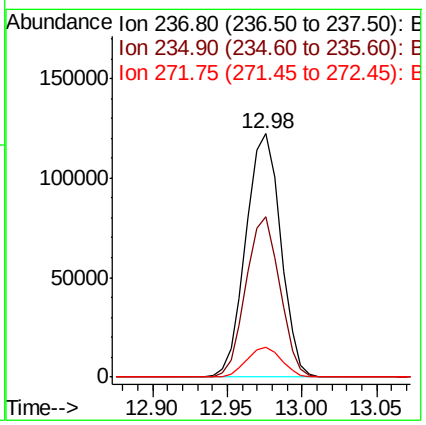


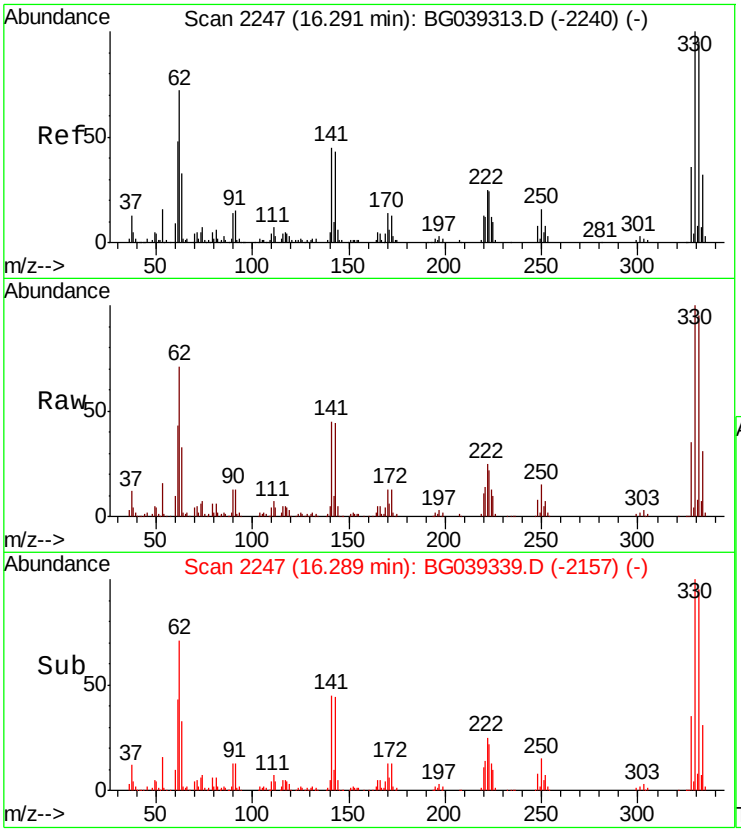




#41
Hexachlorocyclopentadiene
Concen: 90.262 ng
RT: 12.98 min Scan# 1683
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:237 Resp: 196825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 65.8 | 43.3 | 83.3 |
| 272 | 12.5 | 0.0 | 32.3 |



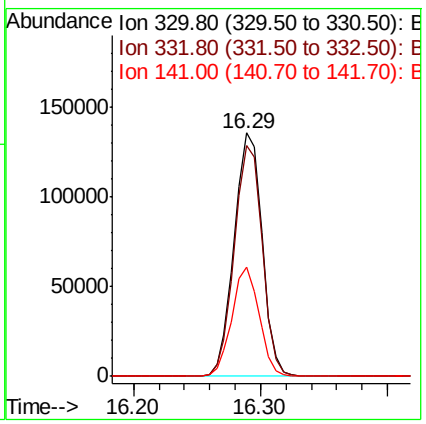


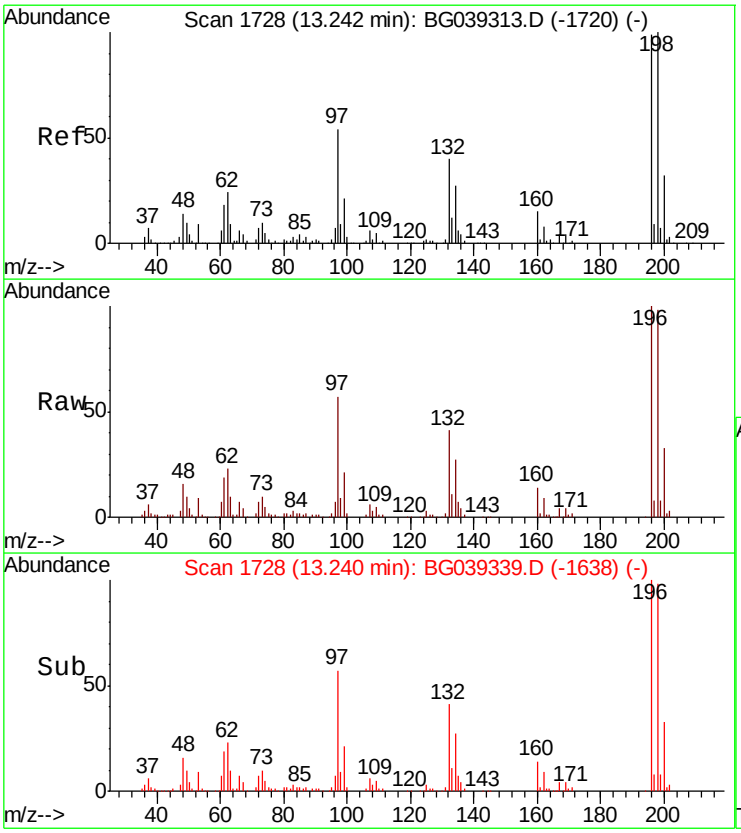

#42
2,4,6-Tribromophenol
Concen: 152.408 ng
RT: 16.29 min Scan# 2247
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:330 Resp: 206414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.8 | 75.7 | 113.5 |
| 141 | 43.6 | 35.6 | 53.4 |

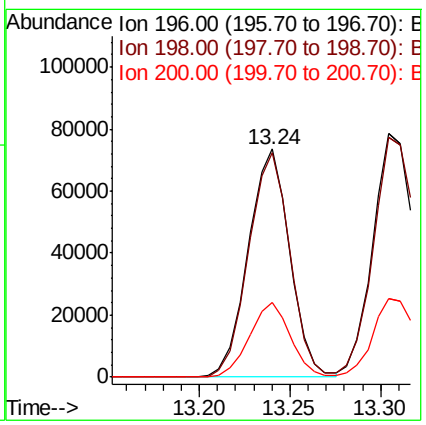


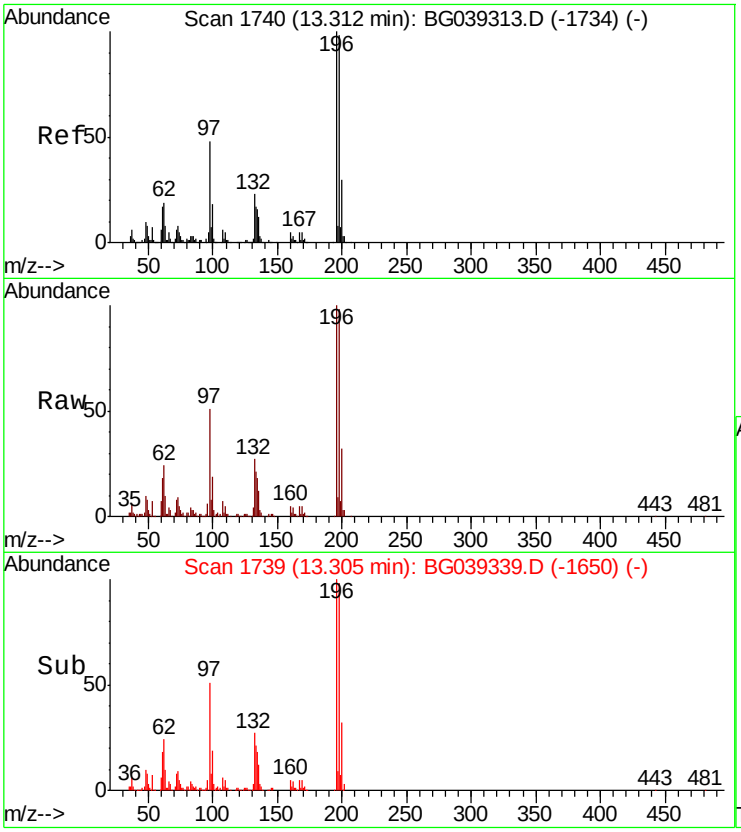




#43
2,4,6-Trichlorophenol
Concen: 47.587 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:196 Resp: 117085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 98.3 | 80.6 | 121.0 |
| 200 | 32.6 | 26.1 | 39.1 |



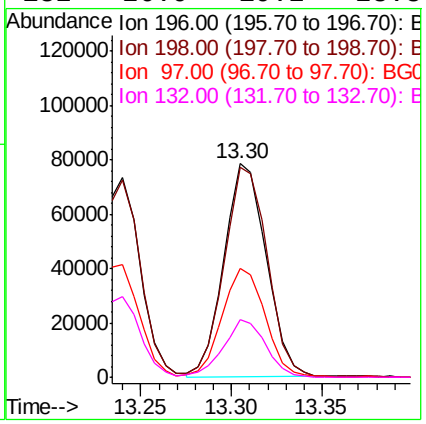


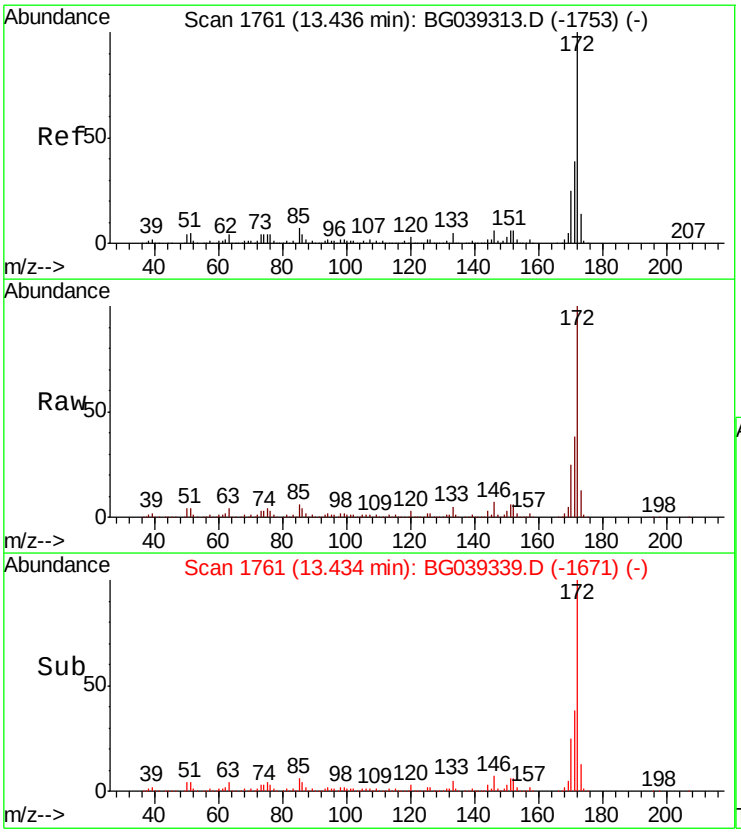

#44
2,4,5-Trichlorophenol
Concen: 49.356 ng
RT: 13.30 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:196 Resp: 127277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 98.4 | 78.5 | 117.7 |
| 97 | 50.9 | 38.4 | 57.6 |
| 132 | 26.9 | 19.2 | 28.8 |

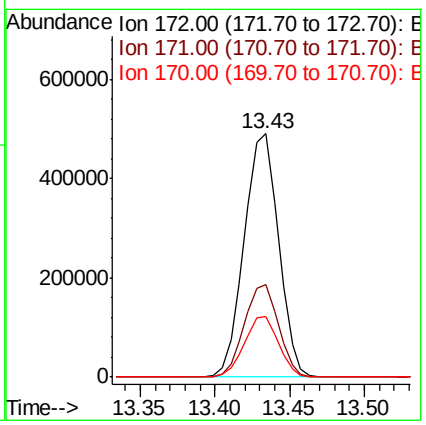


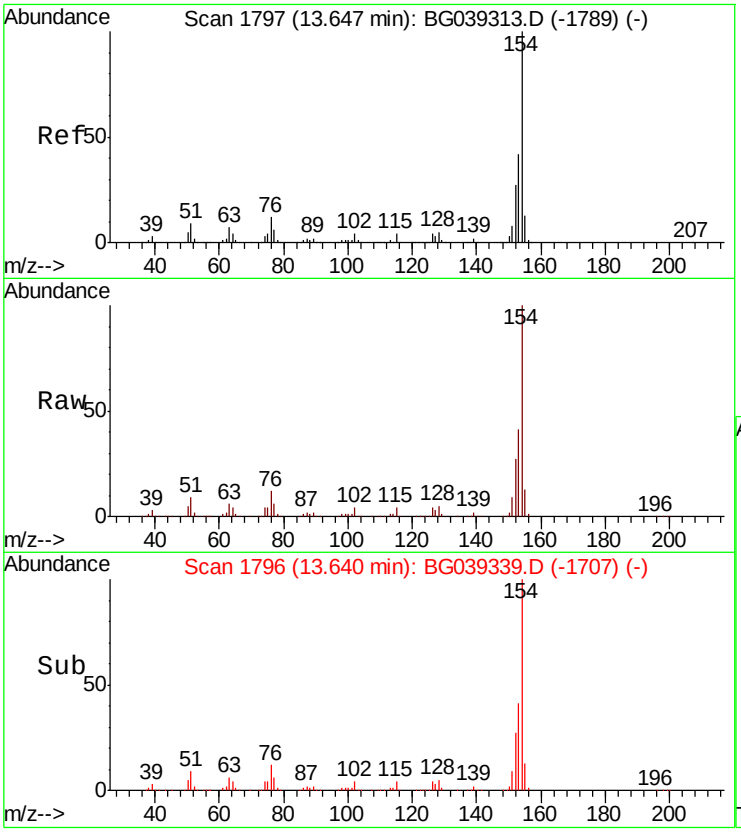




#45
2-Fluorobiphenyl
Concen: 88.921 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:172 Resp: 779598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.9 | 30.8 | 46.2 |
| 170 | 24.9 | 20.2 | 30.4 |



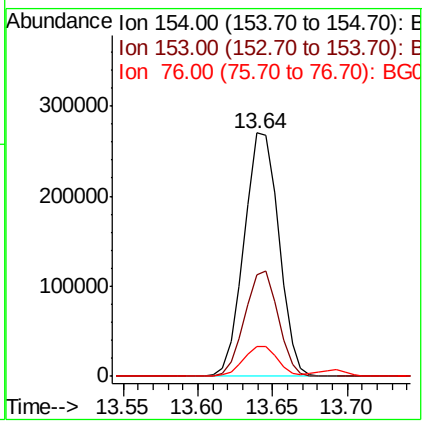


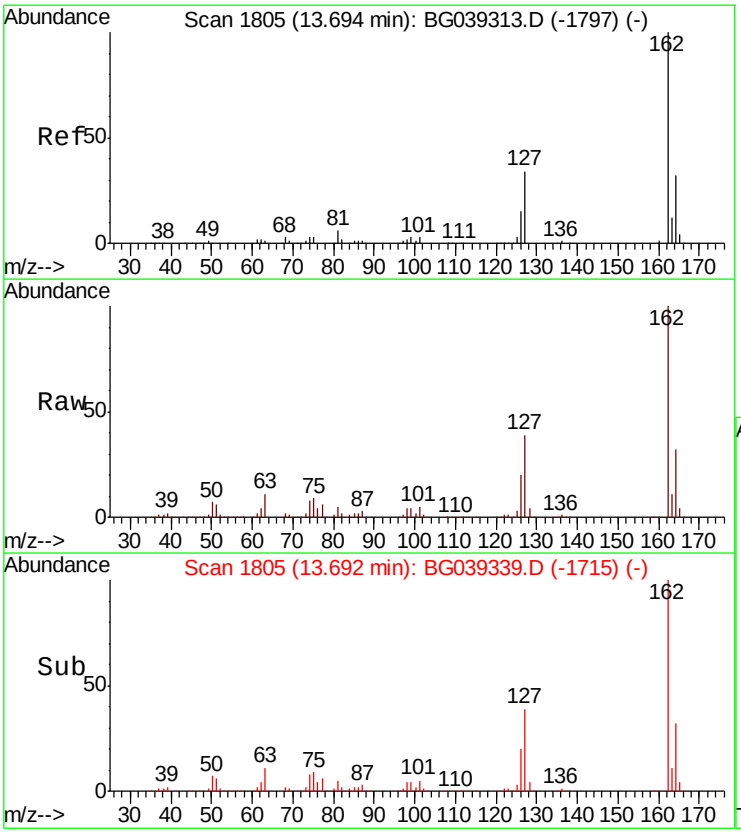

#46
1,1'-Biphenyl
Concen: 41.493 ng
RT: 13.64 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:154 Resp: 434208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.5 | 22.1 | 62.1 |
| 76 | 12.4 | 0.0 | 32.4 |

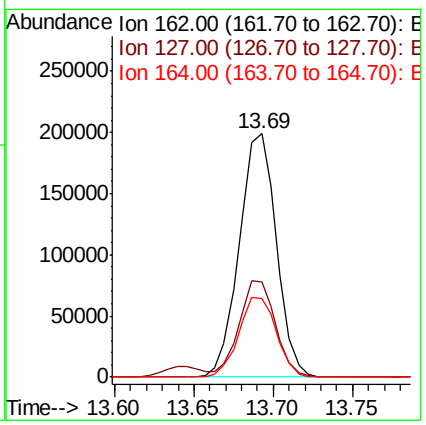


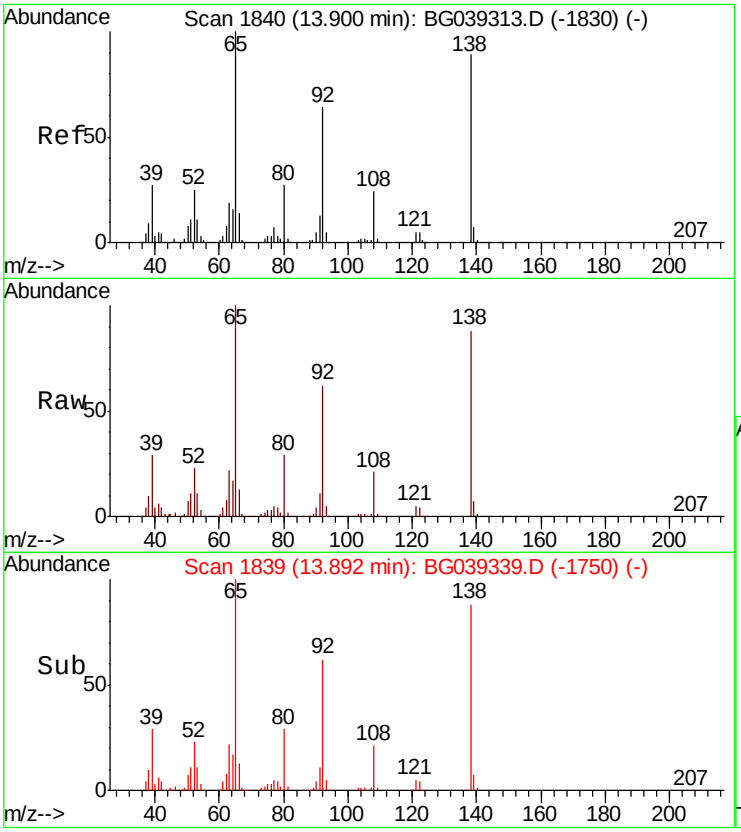




#47
2-Chloronaphthalene
Concen: 40.966 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:162 Resp: 322495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 39.0 | 31.0 | 46.6 |
| 164 | 32.5 | 25.7 | 38.5 |



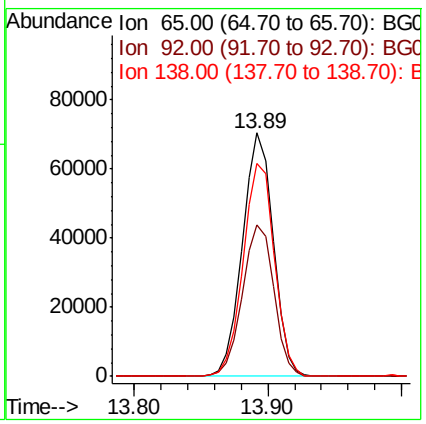


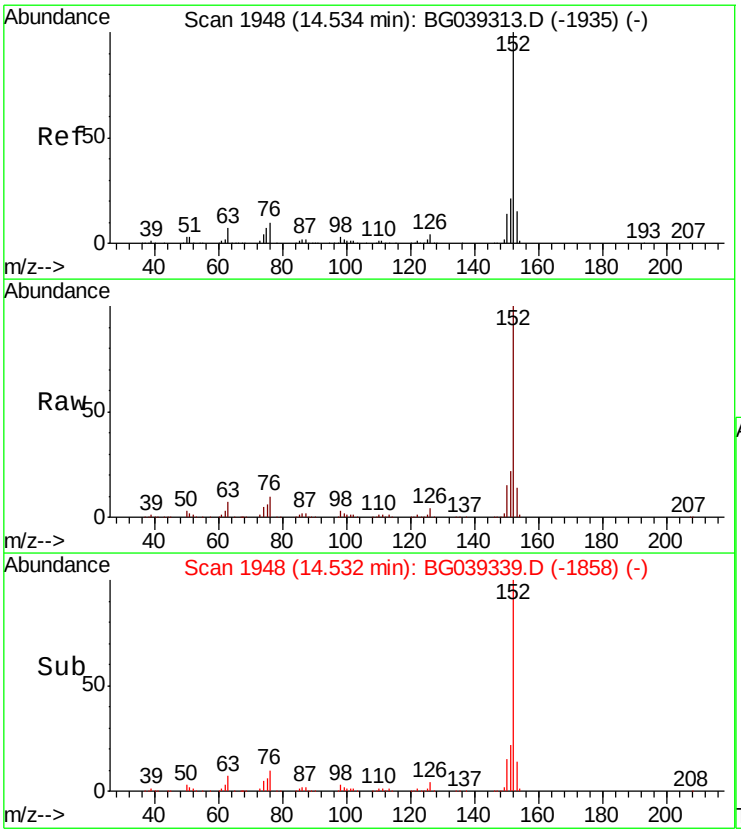

#48
2-Nitroaniline
Concen: 49.140 ng
RT: 13.89 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion: 65 Resp: 111664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 62.2 | 51.4 | 77.2 |
| 138 | 87.5 | 71.4 | 107.2 |

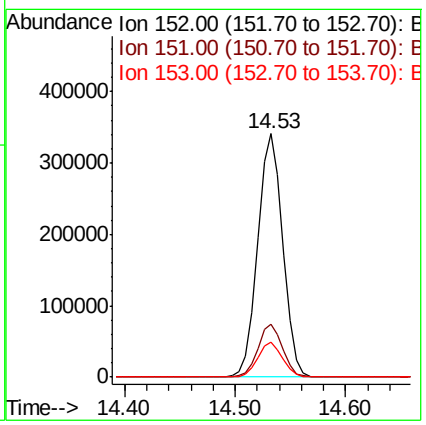


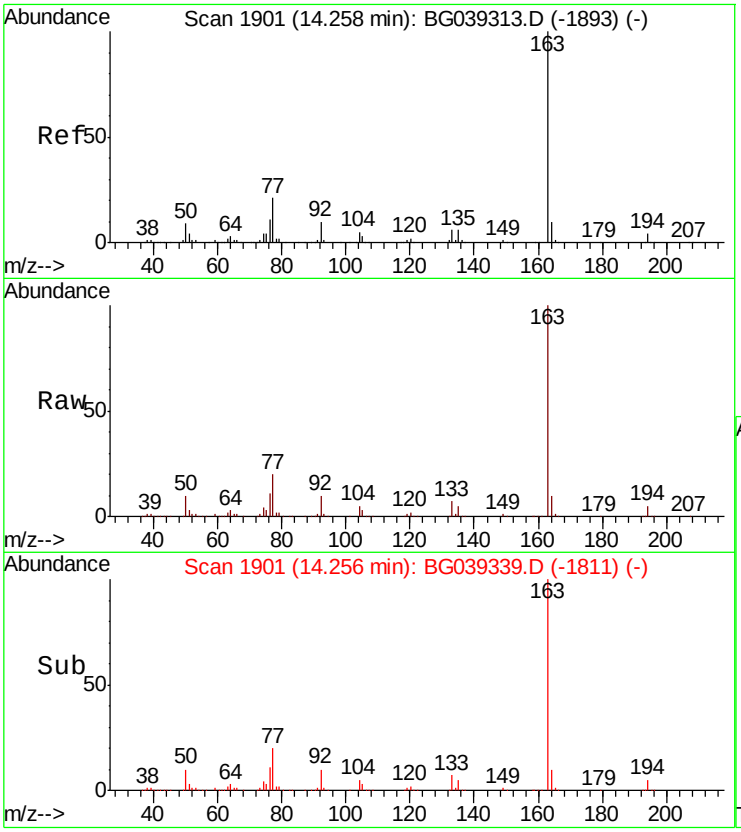




#49
Acenaphthylene
Concen: 45.660 ng
RT: 14.53 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:152 Resp: 542377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.5 | 16.8 | 25.2 |
| 153 | 14.4 | 11.7 | 17.5 |



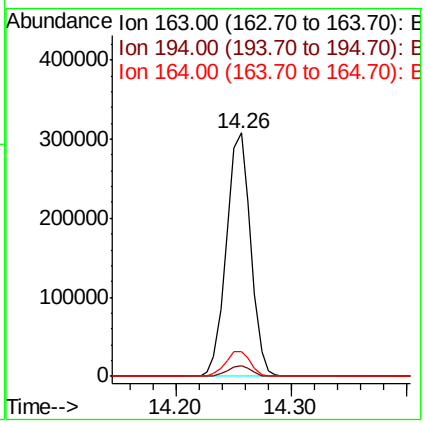


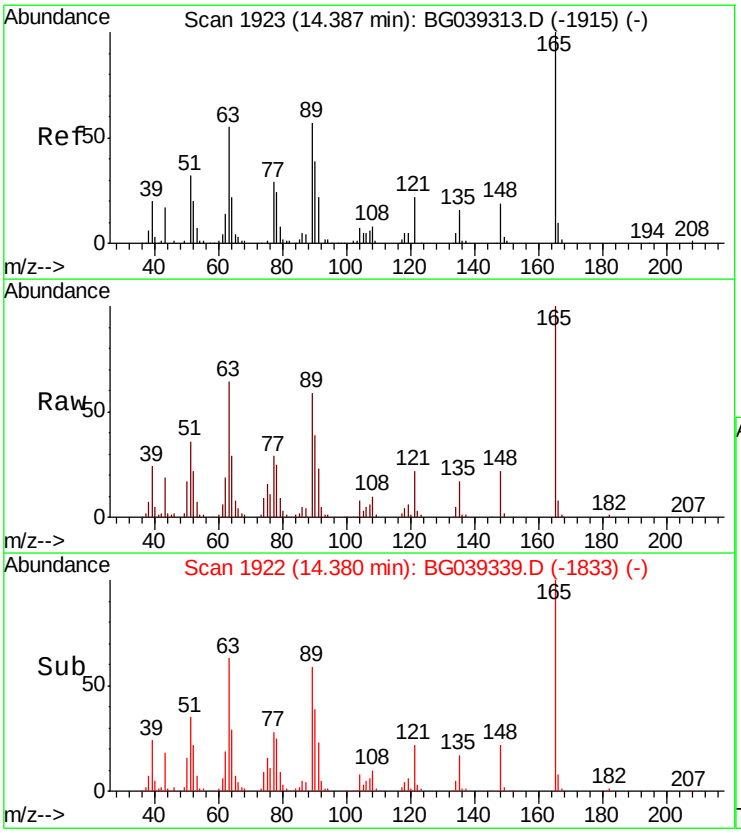

#50
Dimethylphthalate
Concen: 43.961 ng
RT: 14.26 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:163 Resp: 446550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.5 | 3.6 | 5.4 |
| 164 | 10.0 | 8.4 | 12.6 |

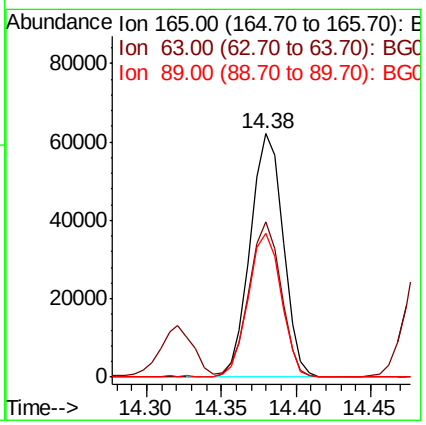


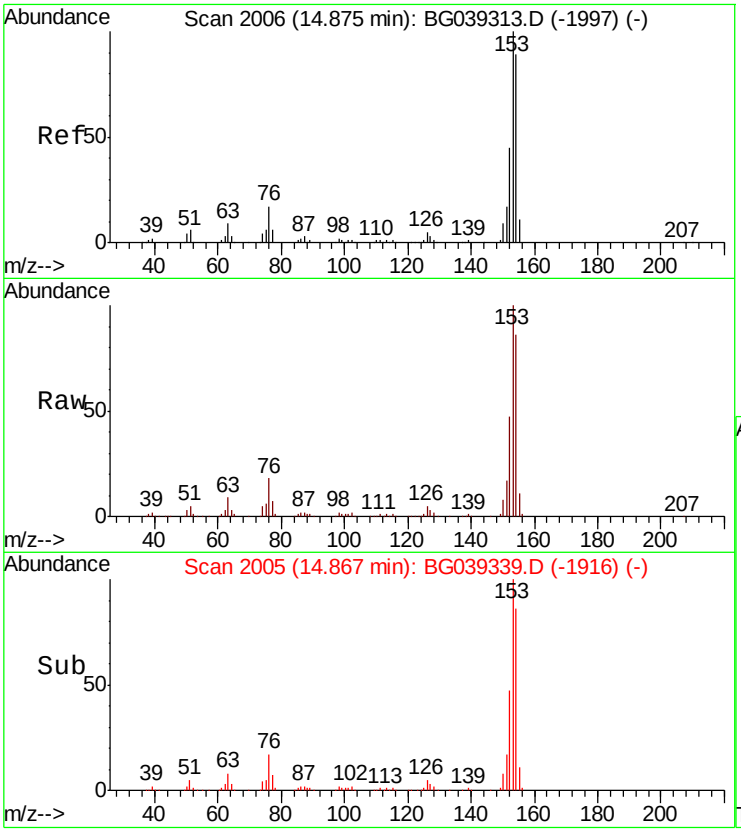




#51
2,6-Dinitrotoluene
Concen: 49.537 ng
RT: 14.38 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:165 Resp: 94506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 63.9 | 47.0 | 70.6 |
| 89 | 59.3 | 45.8 | 68.8 |



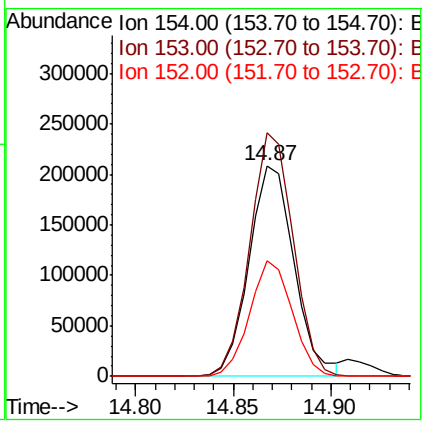


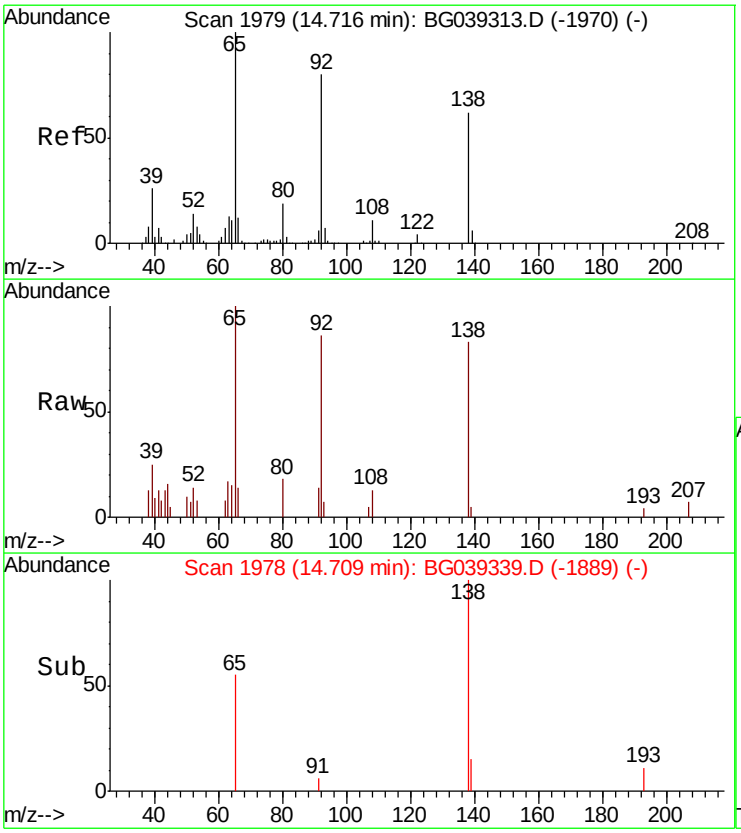

#52
Acenaphthene
Concen: 43.350 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:154 Resp: 334255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.7 | 90.1 | 135.1 |
| 152 | 54.9 | 40.9 | 61.3 |

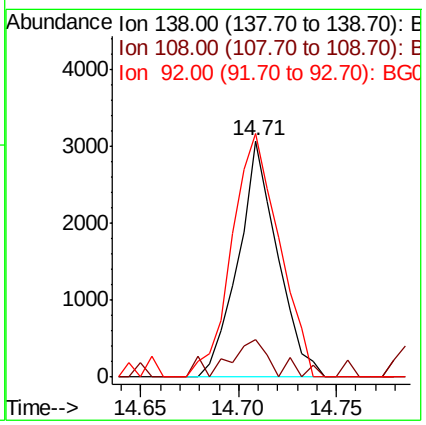


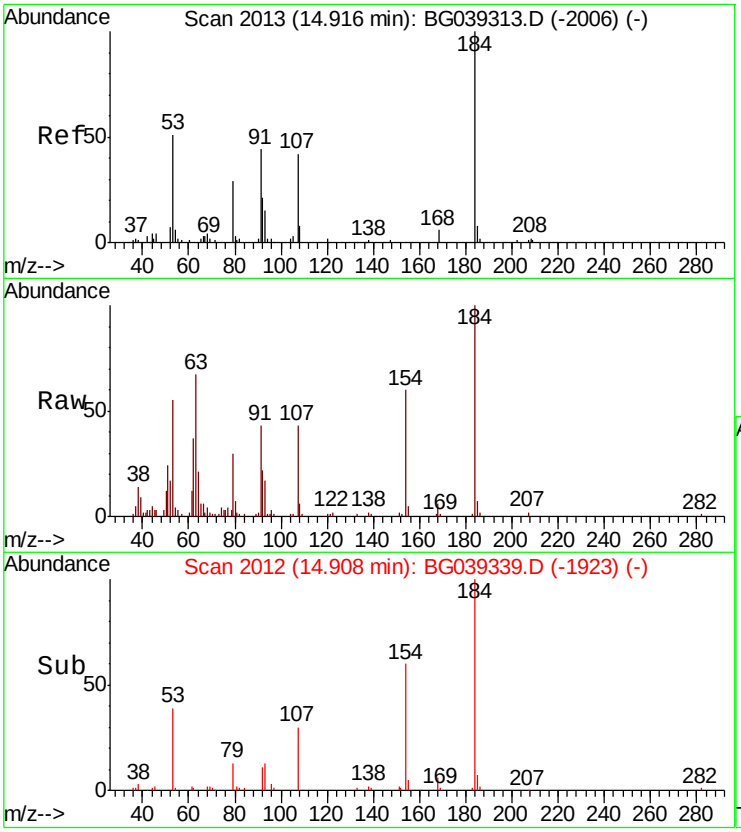




#53
3-Nitroaniline
Concen: 7.625 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:138 Resp: 4269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 16.1 | 13.8 | 20.8 |
| 92 | 103.0 | 103.7 | 155.5# |



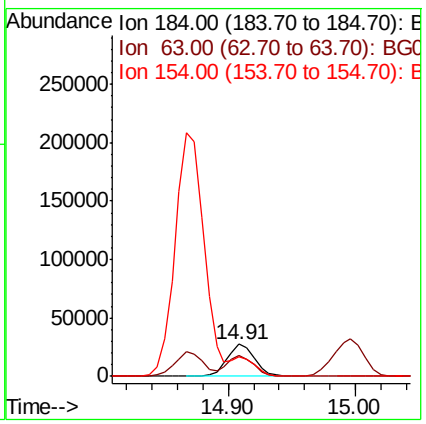


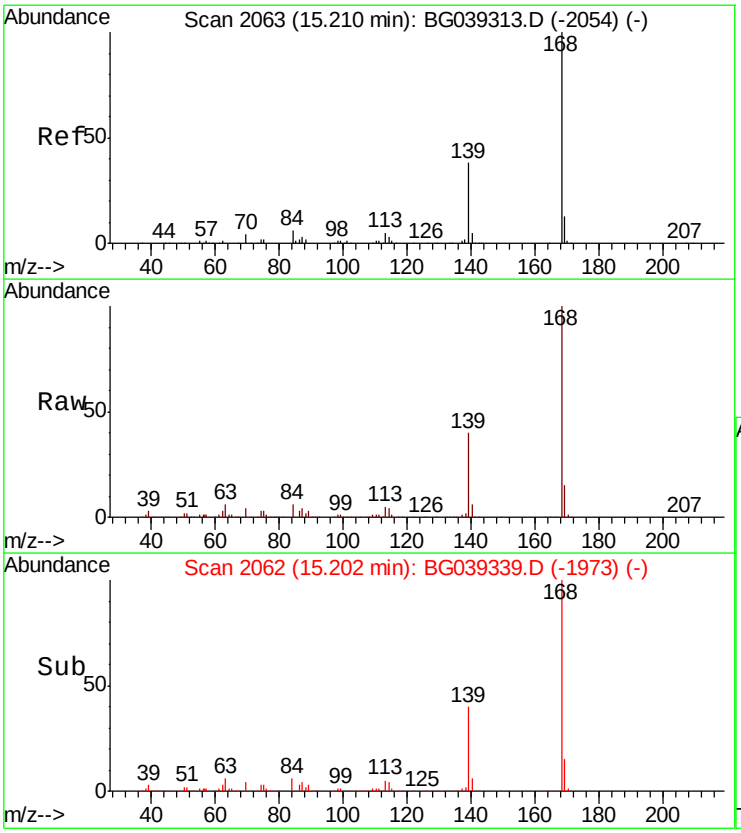

#54
2,4-Dinitrophenol
Concen: 57.104 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:184 Resp: 41145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 67.3 | 50.9 | 76.3 |
| 154 | 59.7 | 53.0 | 79.6 |

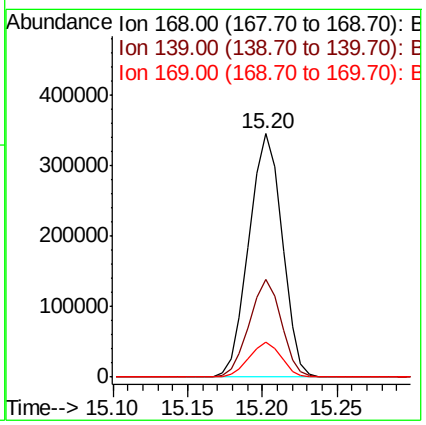


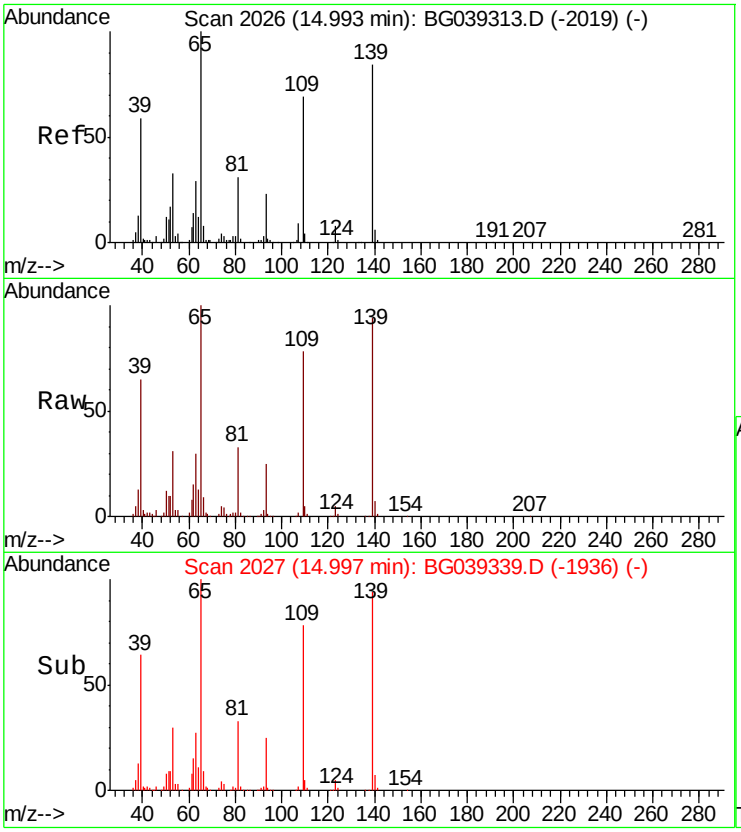




#55
Dibenzofuran
Concen: 42.935 ng
RT: 15.20 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:168 Resp: 530794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 40.4 | 30.1 | 45.1 |
| 169 | 14.6 | 10.6 | 16.0 |



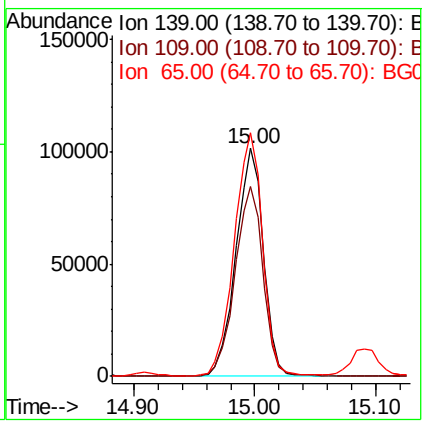


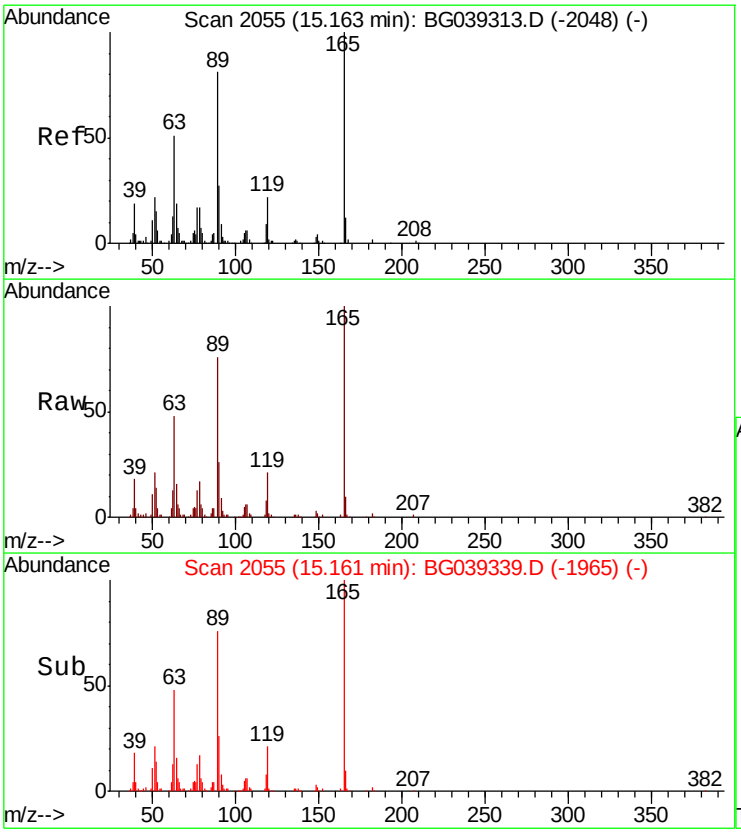

#56
4-Nitrophenol
Concen: 87.223 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:139 Resp: 161232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 83.5 | 61.9 | 101.9 |
| 65 | 106.8 | 99.1 | 139.1 |

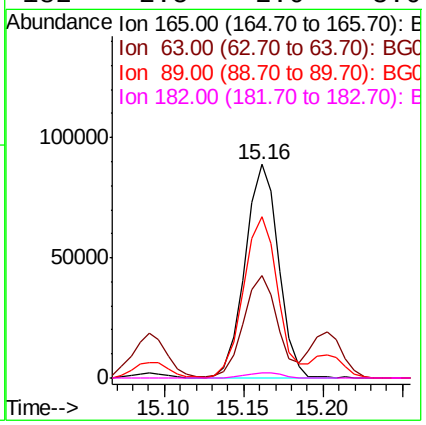


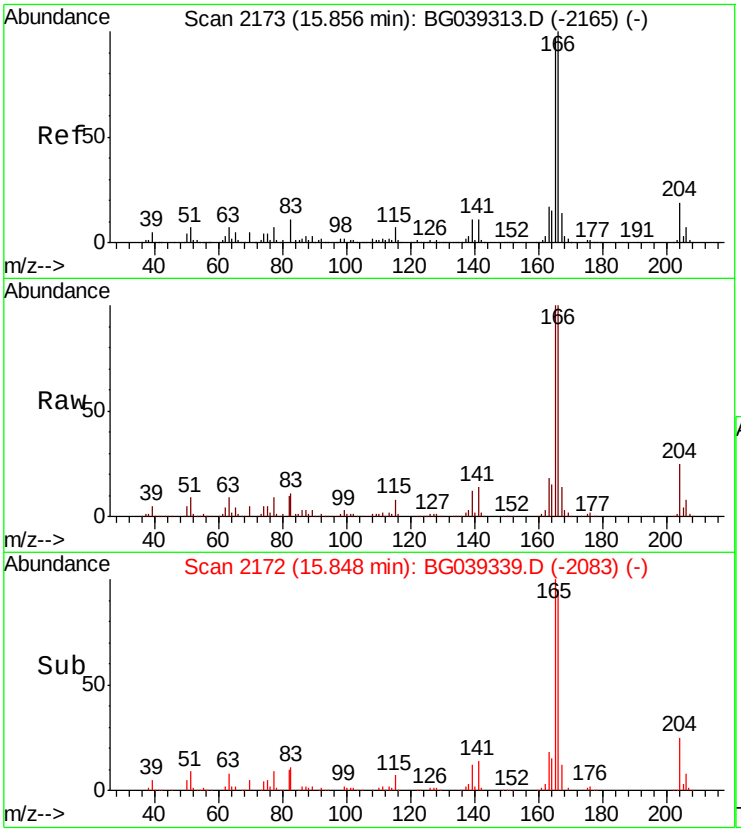




#57
2,4-Dinitrotoluene
Concen: 52.730 ng
RT: 15.16 min Scan# 2055
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:165 Resp: 130471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 47.9 | 41.0 | 61.6 |
| 89 | 75.8 | 64.6 | 96.8 |
| 182 | 2.5 | 2.0 | 3.0 |



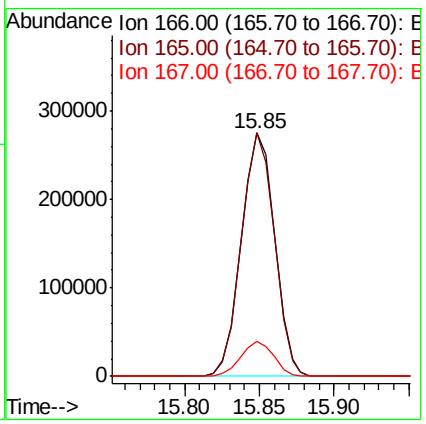


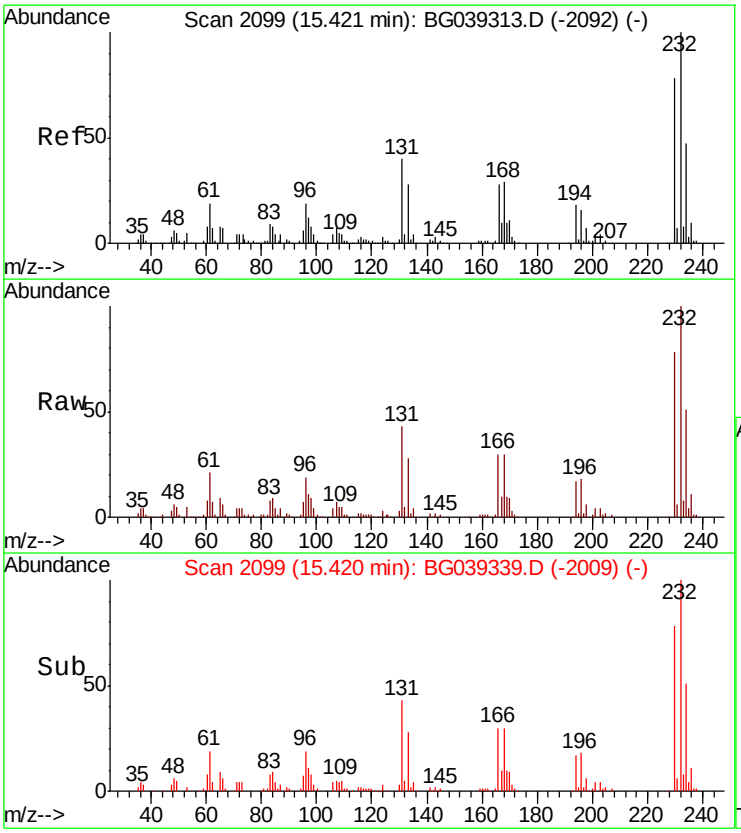

#58
Fluorene
Concen: 46.115 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:166 Resp: 424995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.0 | 77.9 | 116.9 |
| 167 | 14.1 | 10.8 | 16.2 |

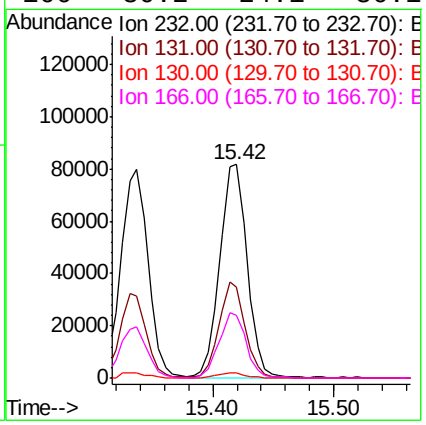


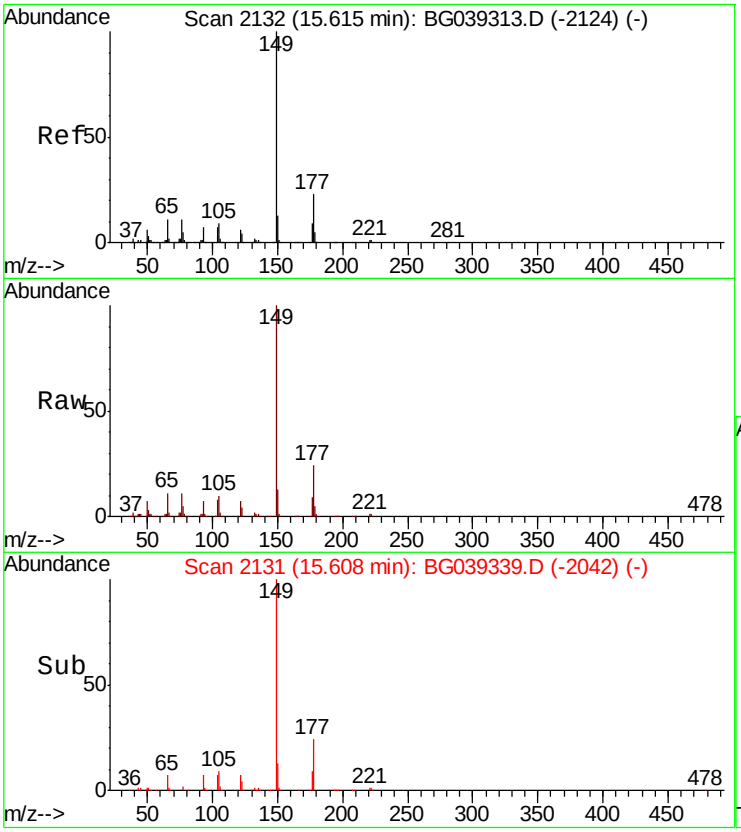




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.394 ng
RT: 15.42 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:232 Resp: 128920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 42.8 | 34.9 | 52.3 |
| 130 | 2.4 | 2.0 | 3.0 |
| 166 | 30.2 | 24.1 | 36.1 |



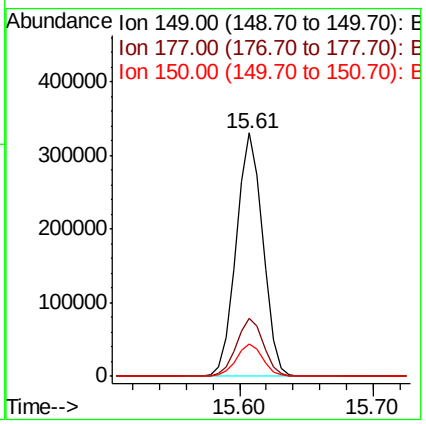


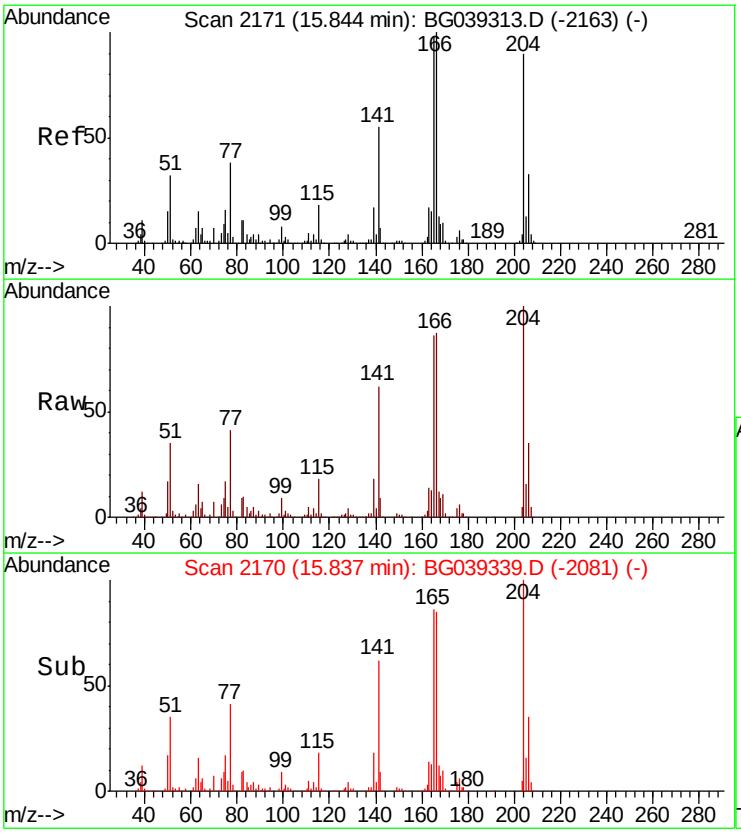

#60
Diethylphthalate
Concen: 43.351 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:149 Resp: 455296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.9 | 18.3 | 27.5 |
| 150 | 13.1 | 10.2 | 15.2 |

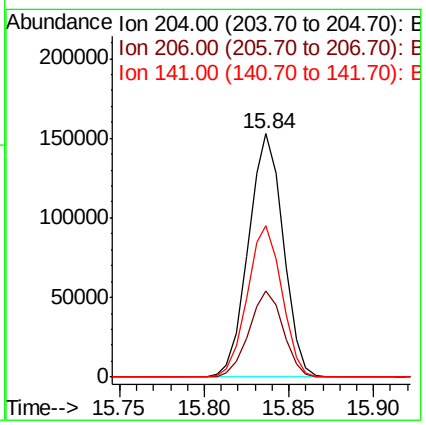


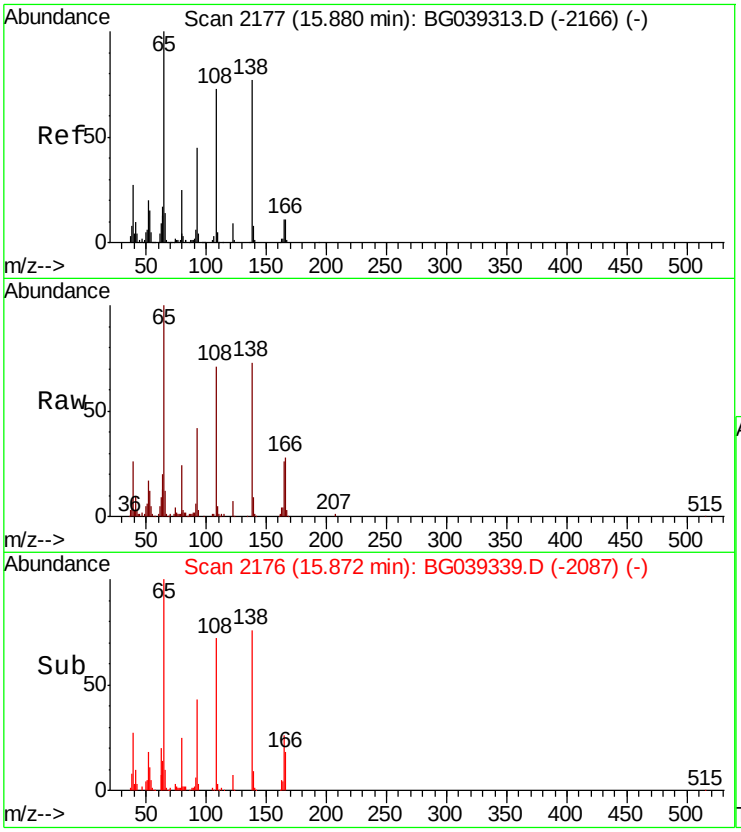




#61
4-Chlorophenyl-phenylether
Concen: 41.911 ng
RT: 15.84 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:204 Resp: 218707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 35.4 | 29.2 | 43.8 |
| 141 | 62.4 | 49.0 | 73.4 |



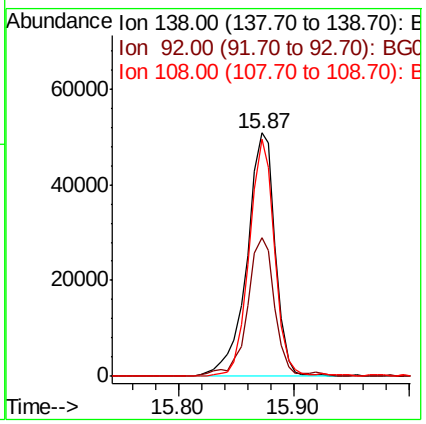


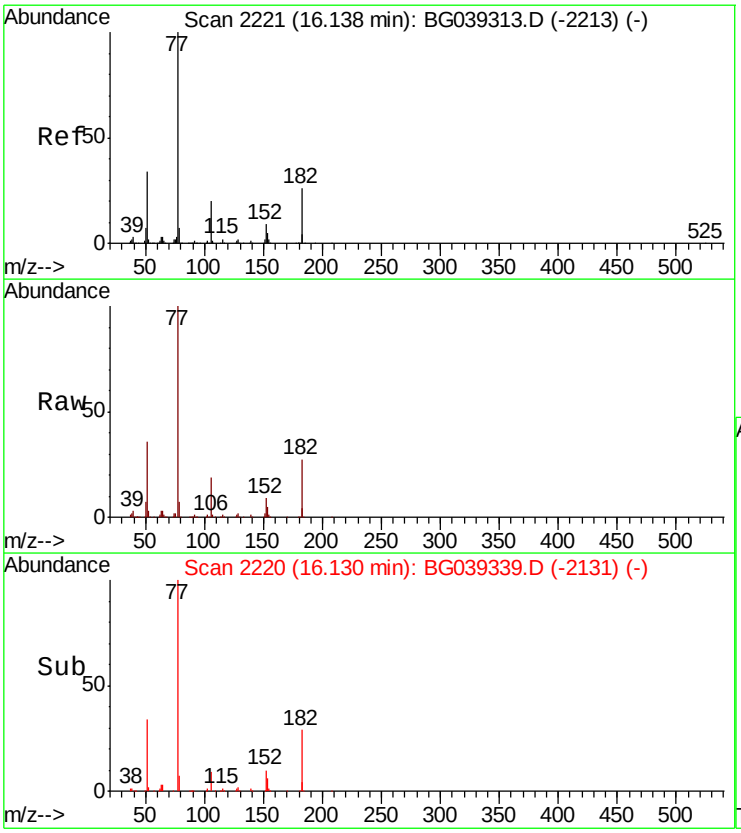

#62
4-Nitroaniline
Concen: 41.184 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:138 Resp: 86332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 57.0 | 38.7 | 78.7 |
| 108 | 97.6 | 74.6 | 114.6 |

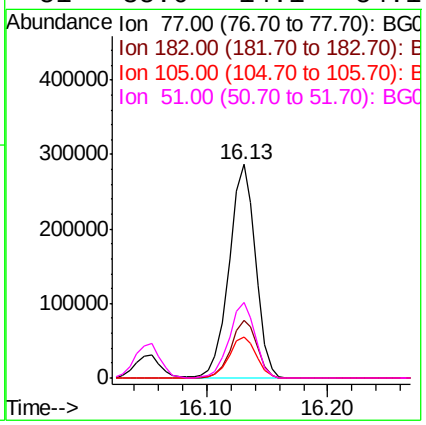


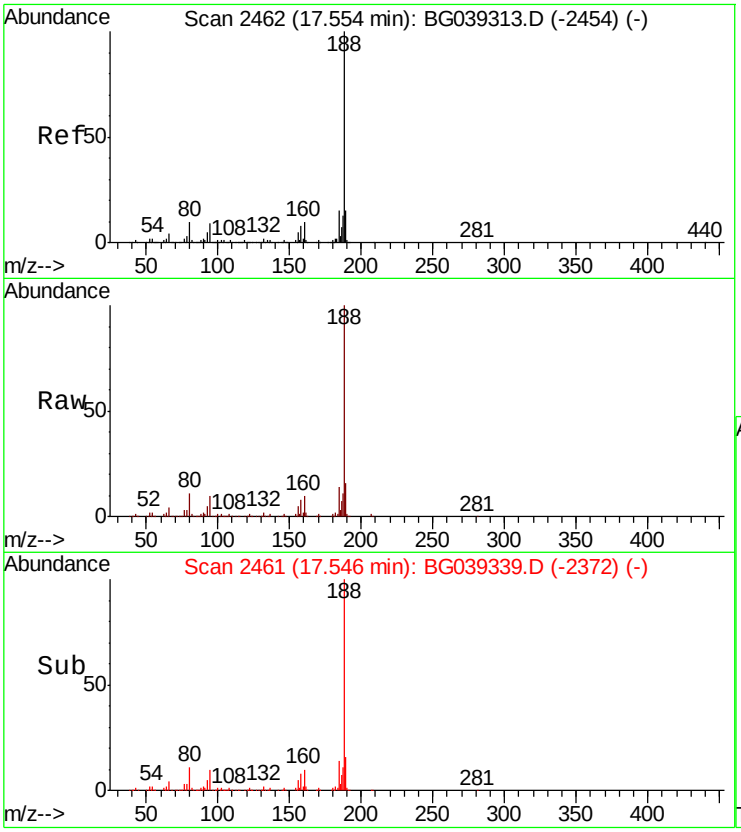




#63
Azobenzene
Concen: 42.434 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion: 77 Resp: 435587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 27.2 | 6.4 | 46.4 |
| 105 | 19.4 | 0.0 | 39.8 |
| 51 | 35.6 | 14.1 | 54.1 |



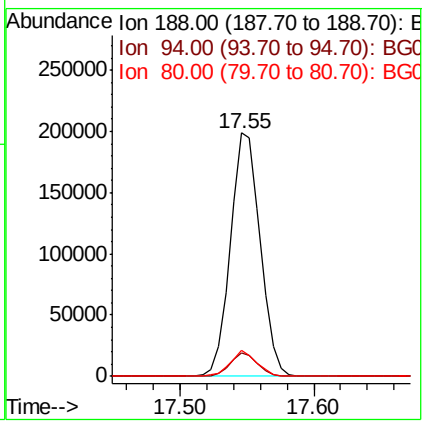


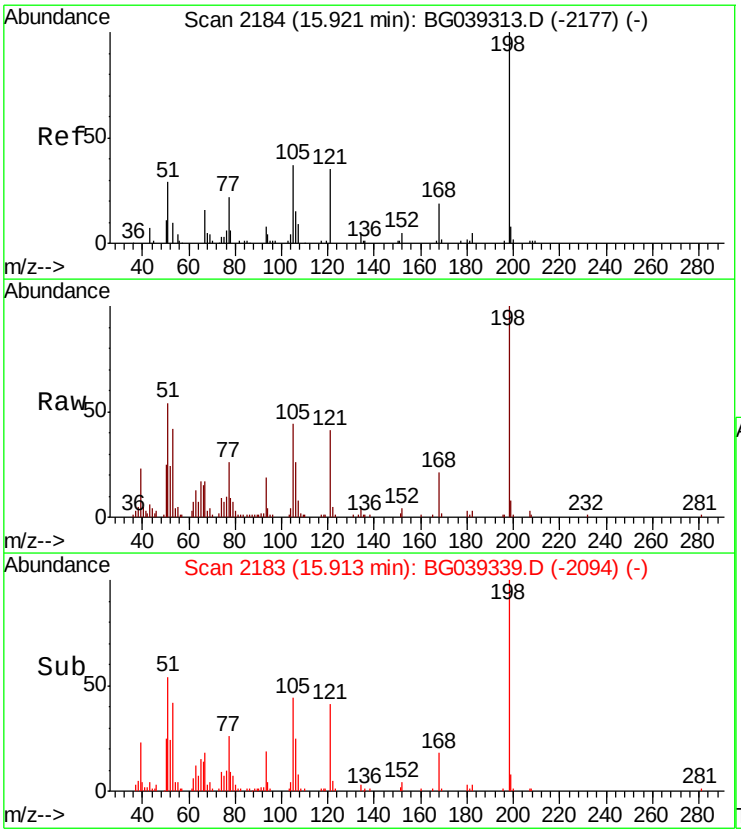

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:188 Resp: 307364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.6 | 6.9 | 10.3 |
| 80 | 10.9 | 8.1 | 12.1 |

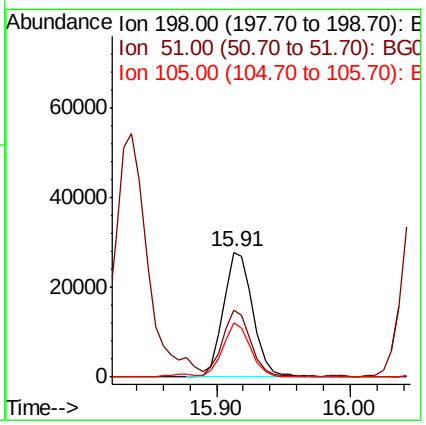


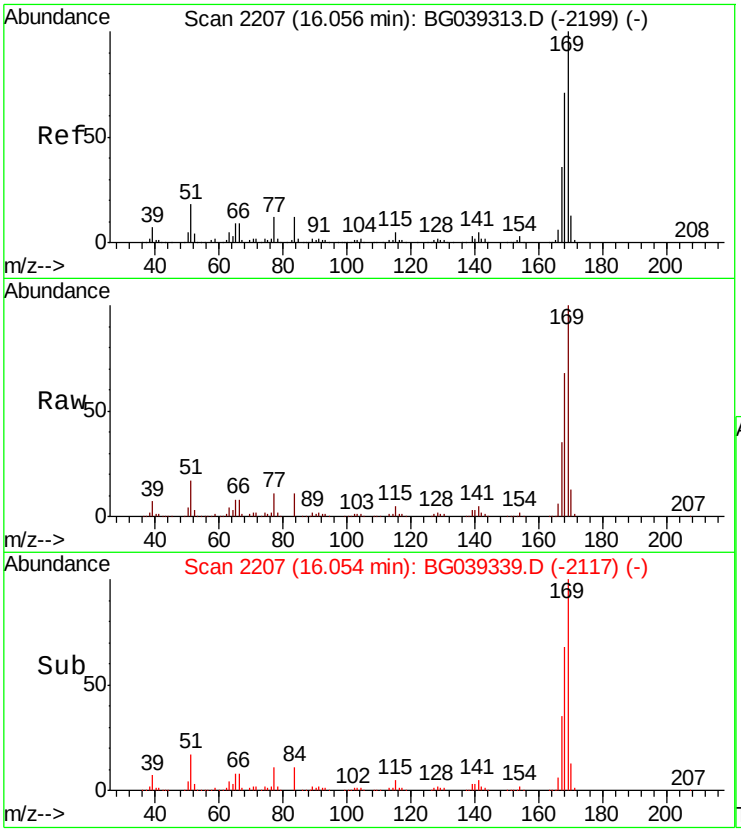




#65
4,6-Dinitro-2-methylphenol
Concen: 38.765 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:198 Resp: 43099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 53.5 | 27.4 | 67.4 |
| 105 | 43.8 | 19.7 | 59.7 |



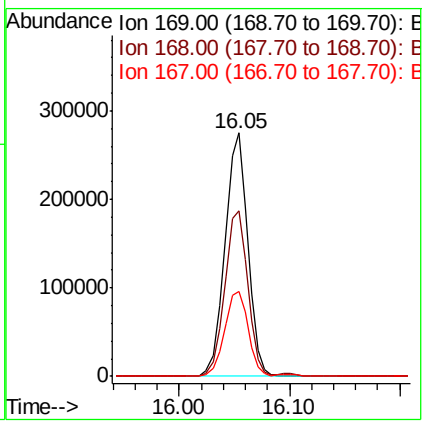


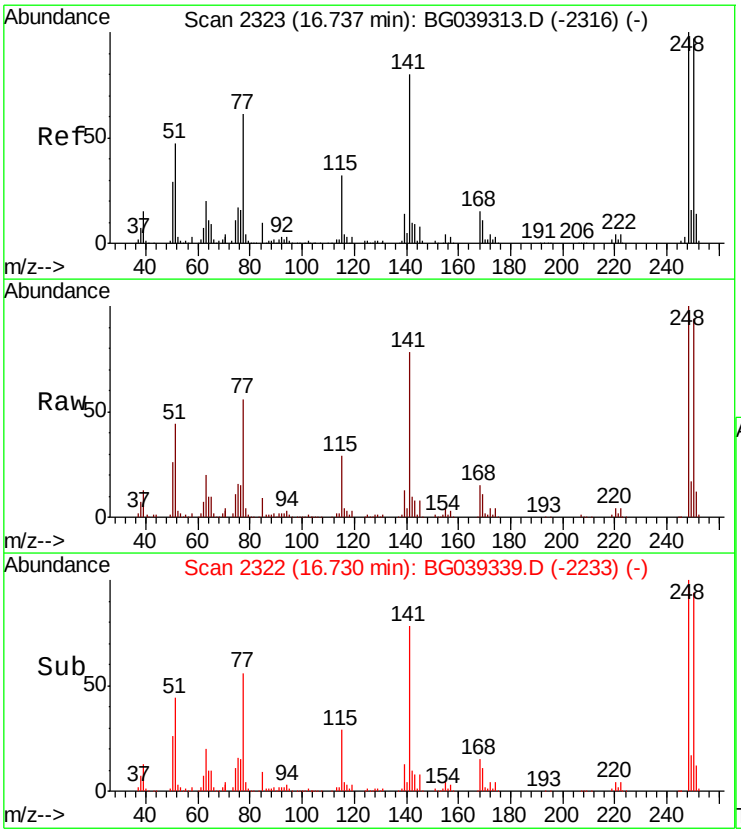

#66
n-Nitrosodiphenylamine
Concen: 42.504 ng
RT: 16.05 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:169 Resp: 397241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.9 | 56.6 | 85.0 |
| 167 | 35.0 | 28.8 | 43.2 |

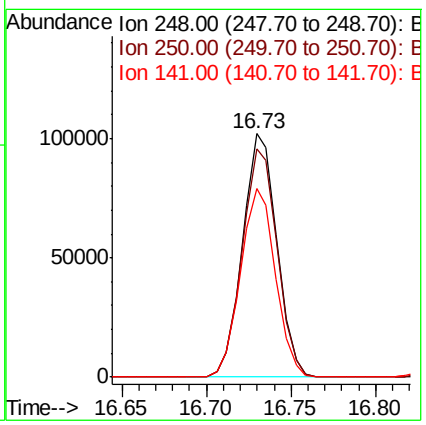


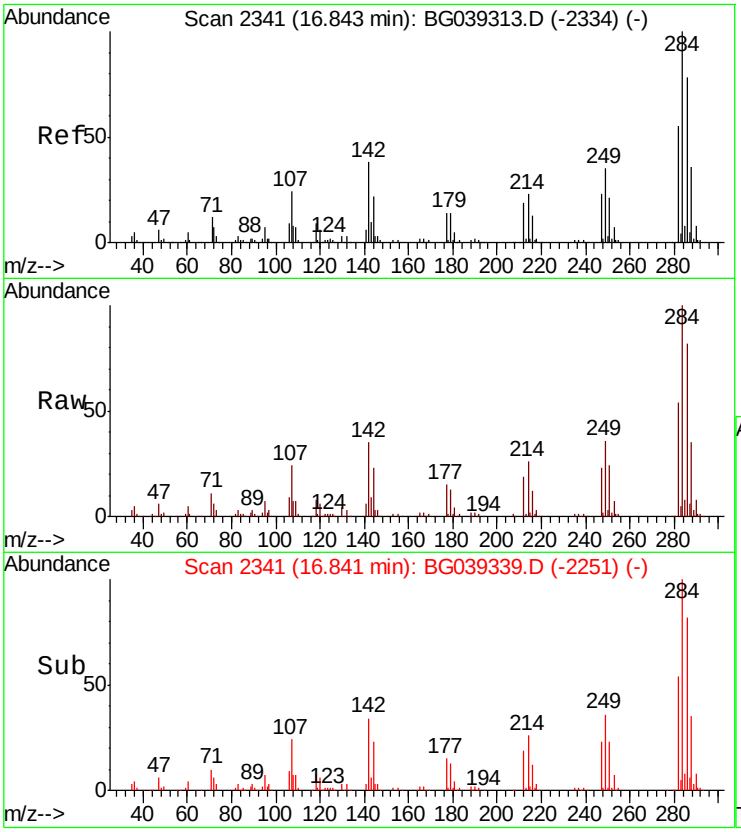




#67
4-Bromophenyl-phenylether
Concen: 42.305 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:248 Resp: 144253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 93.8 | 77.6 | 116.4 |
| 141 | 77.6 | 63.9 | 95.9 |



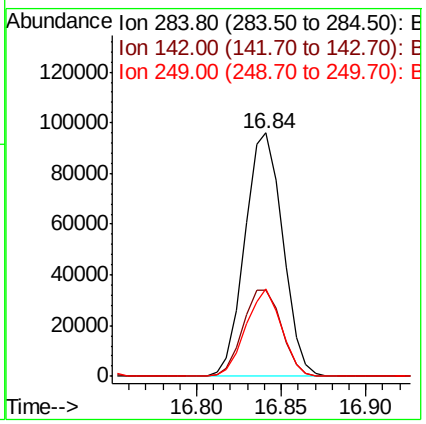


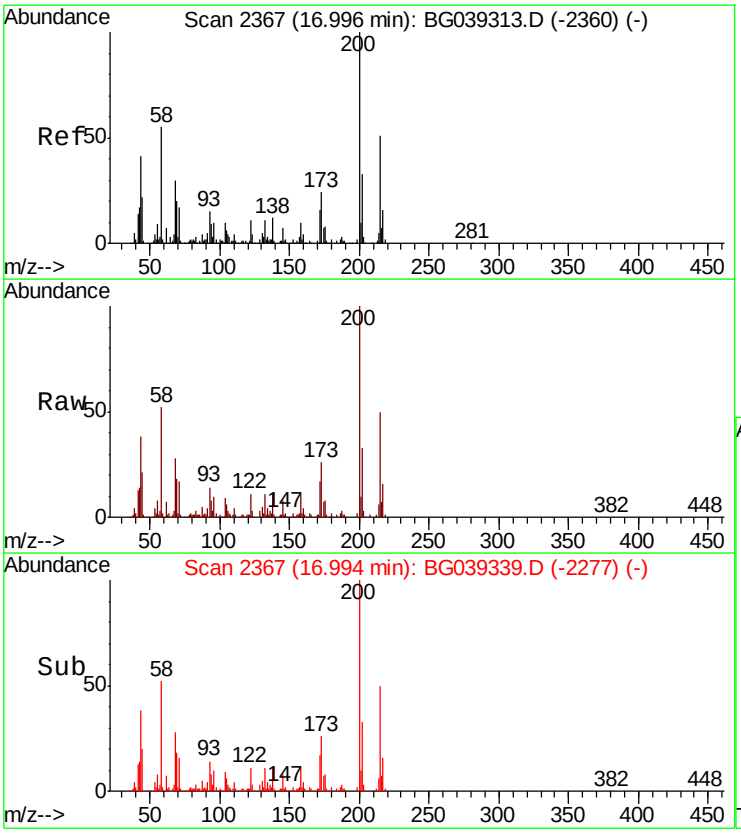

#68
Hexachlorobenzene
Concen: 43.770 ng
RT: 16.84 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:284 Resp: 149741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 35.3 | 30.6 | 45.8 |
| 249 | 35.7 | 28.2 | 42.2 |

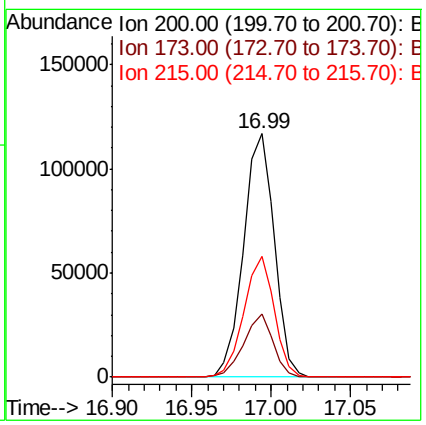


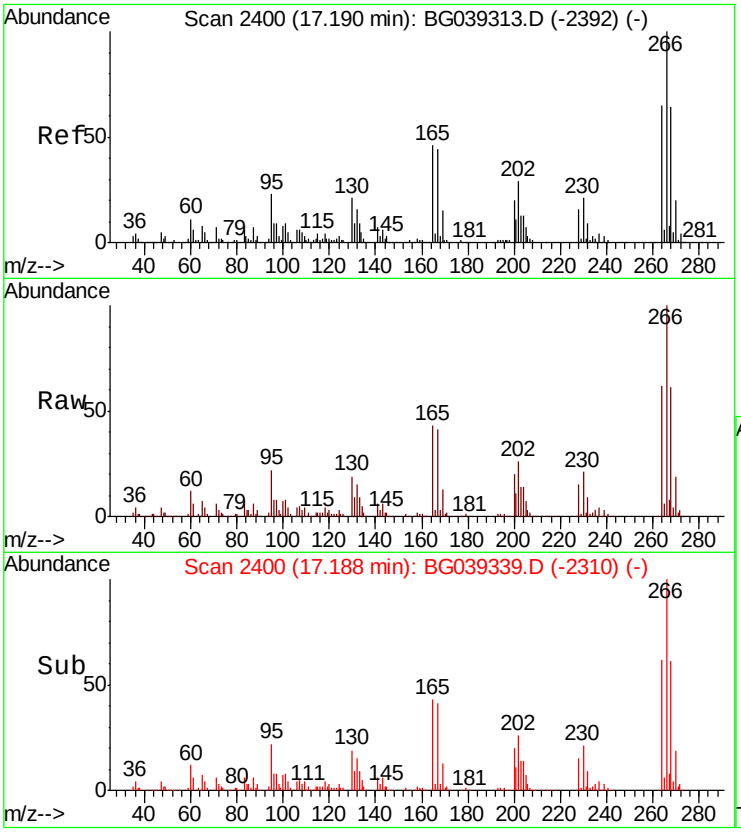




#69
Atrazine
Concen: 46.031 ng
RT: 16.99 min Scan# 2367
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:200 Resp: 157214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 25.7 | 3.9 | 43.9 |
| 215 | 49.7 | 30.9 | 70.9 |



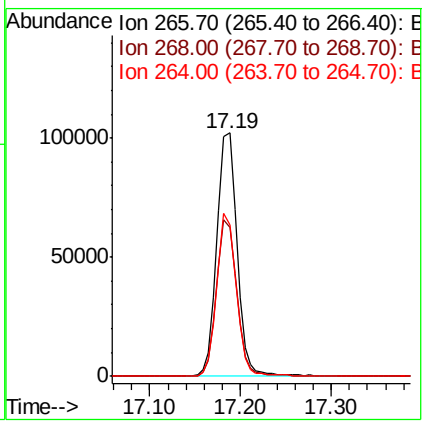


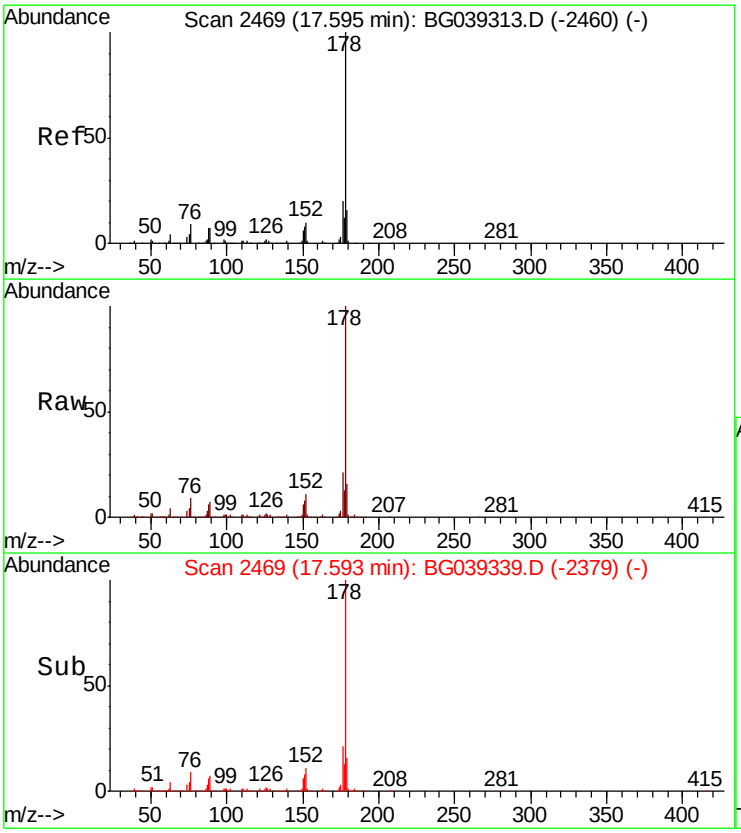

#70
Pentachlorophenol
Concen: 66.754 ng
RT: 17.19 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:266 Resp: 158723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 61.3 | 51.1 | 76.7 |
| 264 | 62.3 | 52.1 | 78.1 |

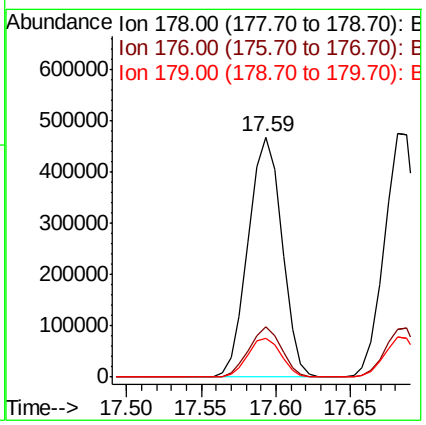


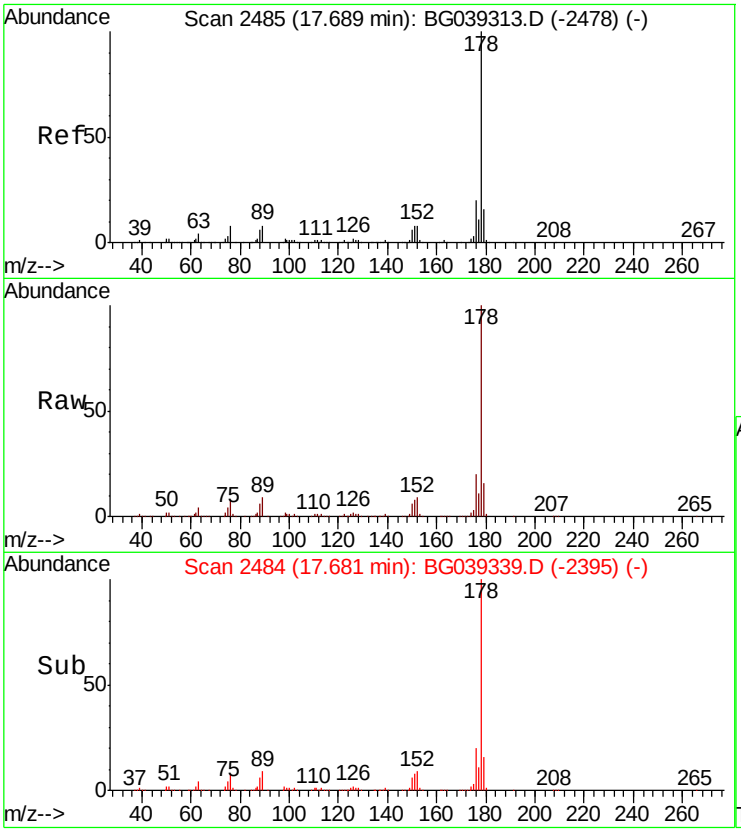




#71
Phenanthrene
Concen: 45.907 ng
RT: 17.59 min Scan# 2469
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:178 Resp: 730295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.9 | 16.2 | 24.4 |
| 179 | 16.3 | 12.6 | 19.0 |



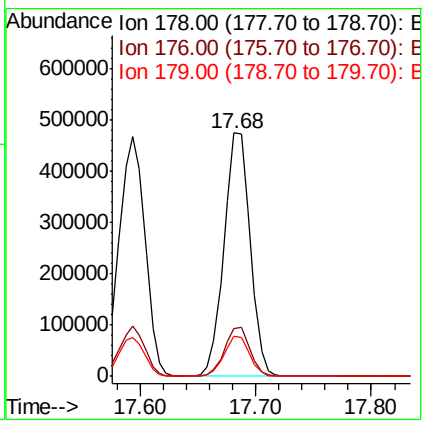


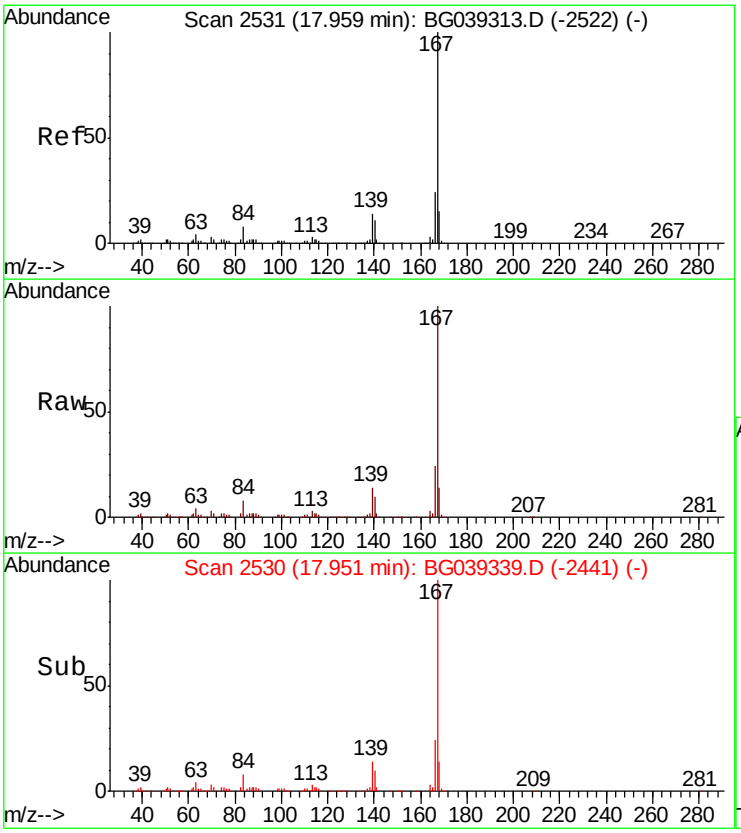

#72
Anthracene
Concen: 47.410 ng
RT: 17.68 min Scan# 2484
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:178 Resp: 742903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 15.8 | 23.6 |
| 179 | 16.2 | 12.5 | 18.7 |

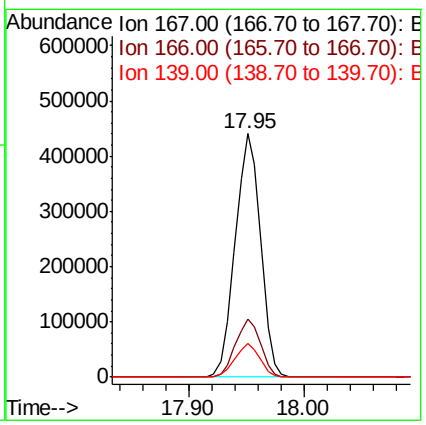


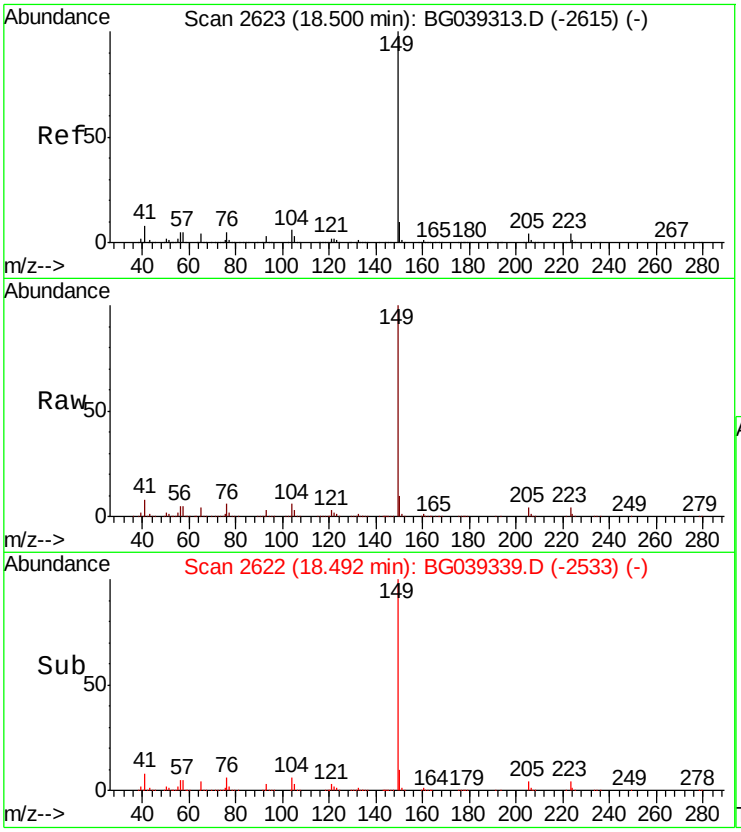




#73
Carbazole
Concen: 42.705 ng
RT: 17.95 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:167 Resp: 667829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 23.7 | 19.4 | 29.2 |
| 139 | 13.6 | 10.8 | 16.2 |



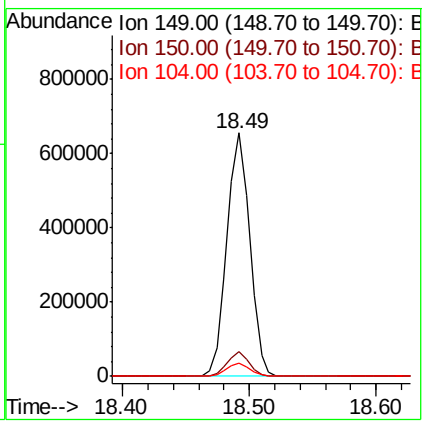


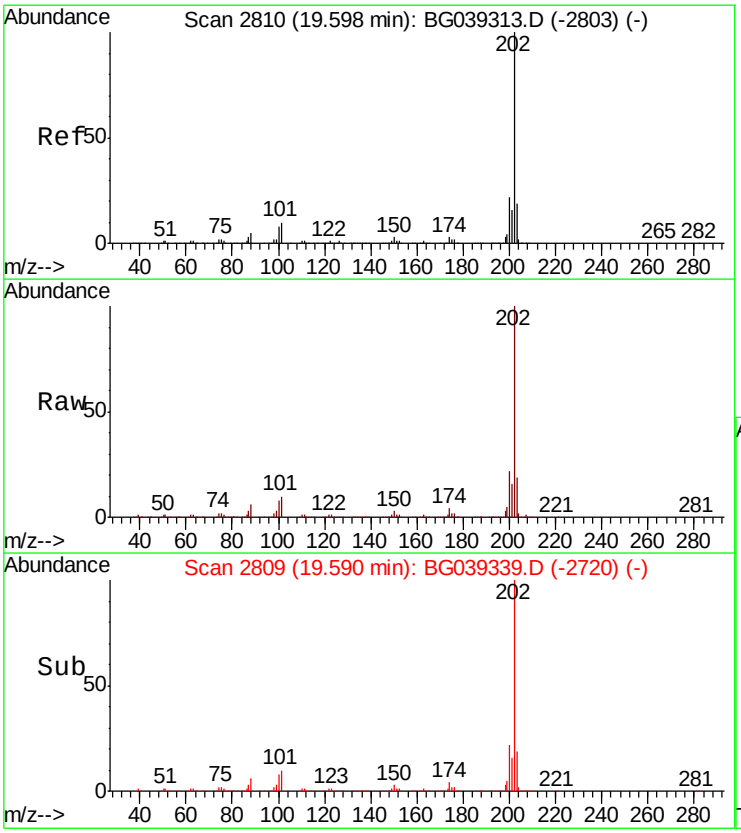

#74
Di-n-butylphthalate
Concen: 44.716 ng
RT: 18.49 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:149 Resp: 815798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 10.0 | 7.7 | 11.5 |
| 104 | 5.7 | 4.5 | 6.7 |

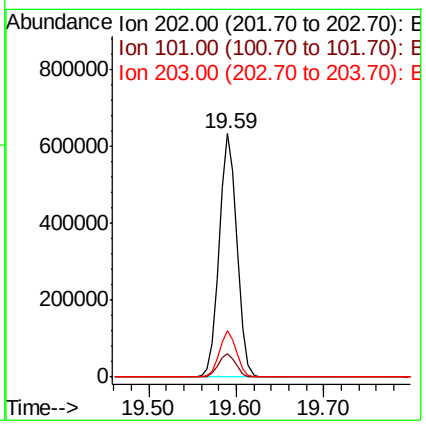


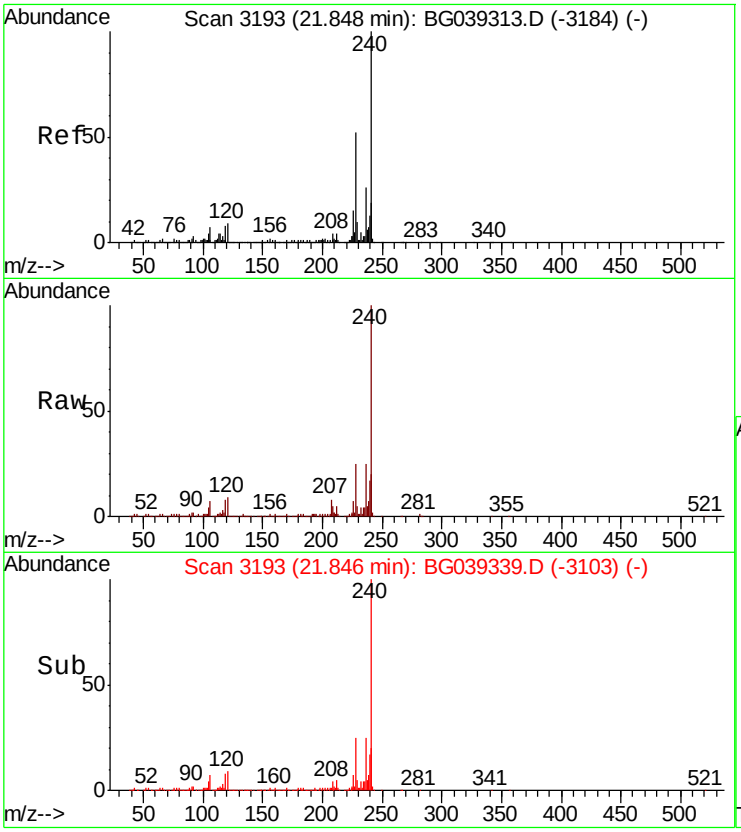




#75
Fluoranthene
Concen: 48.284 ng
RT: 19.59 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:202 Resp: 891545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.5 | 0.0 | 30.0 |
| 203 | 18.9 | 0.0 | 38.9 |



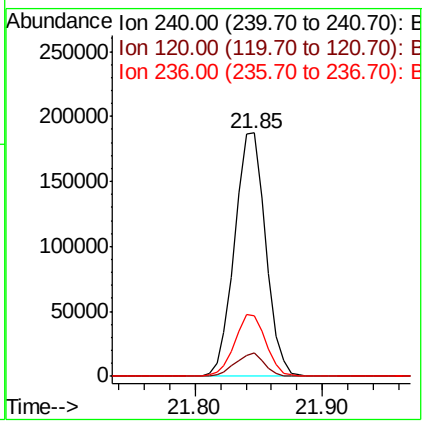


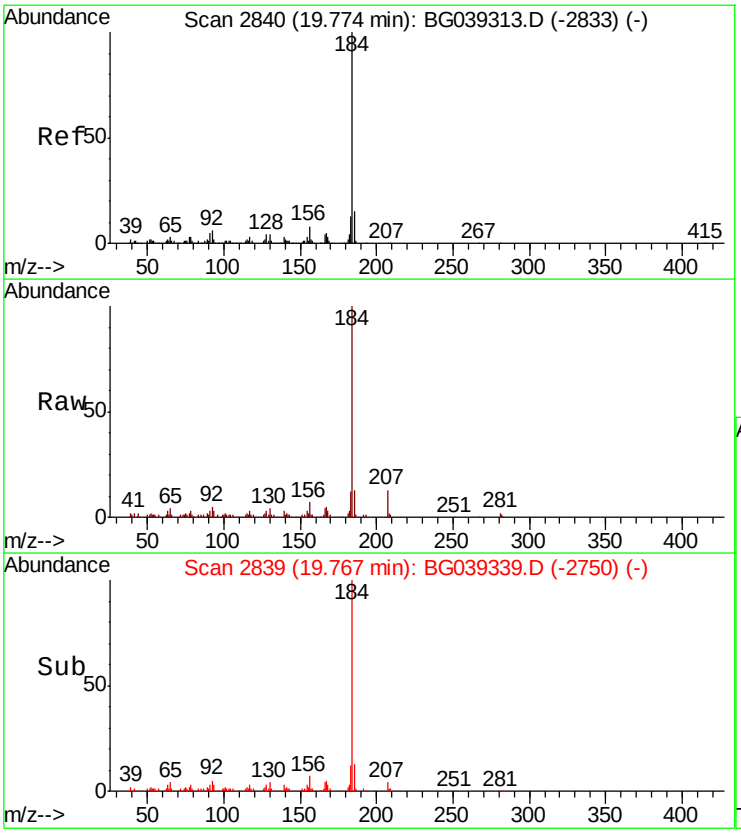

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.85 min Scan# 3193
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:240 Resp: 317794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.5 | 7.0 | 10.6 |
| 236 | 24.8 | 21.0 | 31.4 |

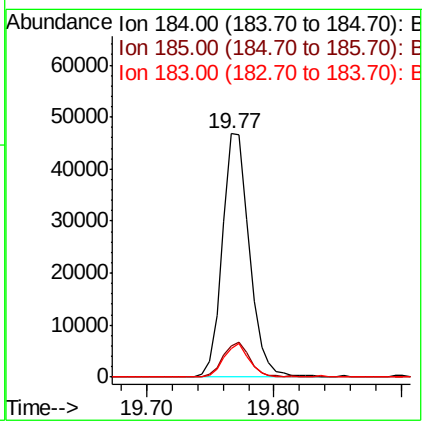


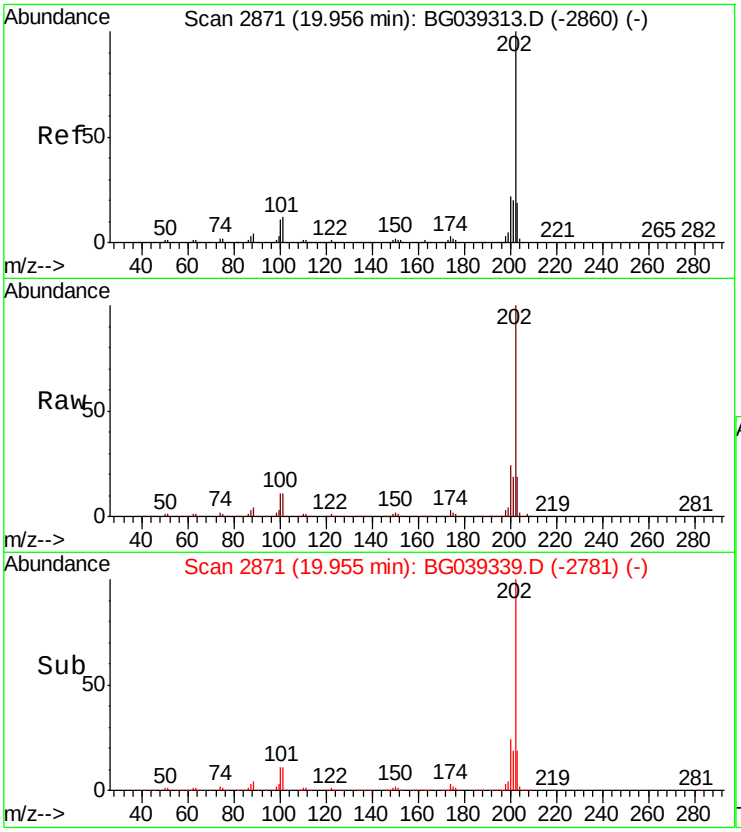




#77
Benzidine
Concen: 6.619 ng
RT: 19.77 min Scan# 2839
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:184 Resp: 68966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 13.0 | 12.2 | 18.2 |
| 183 | 11.6 | 10.6 | 15.8 |



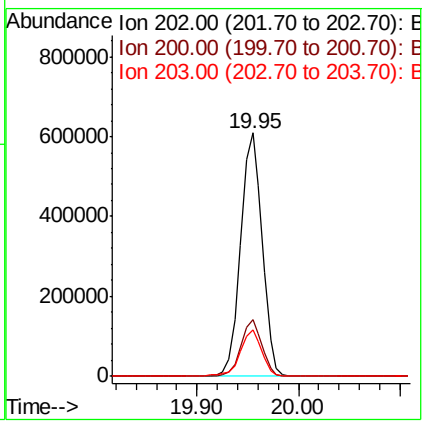


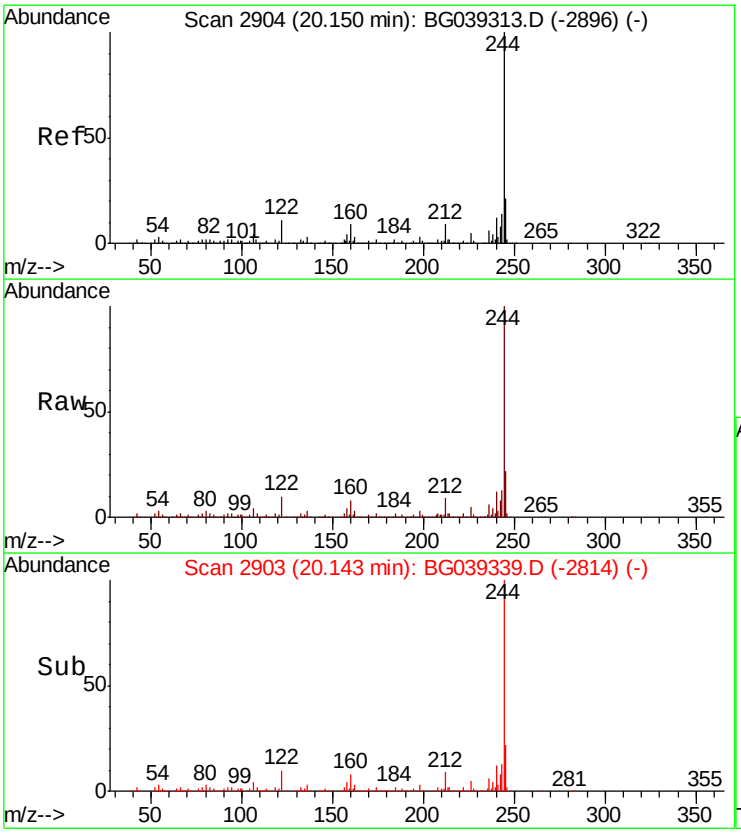

#78
Pyrene
Concen: 45.308 ng
RT: 19.95 min Scan# 2871
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:202 Resp: 896347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 23.5 | 17.8 | 26.8 |
| 203 | 19.0 | 15.3 | 22.9 |

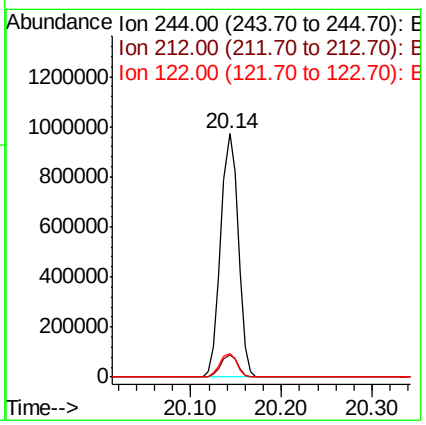


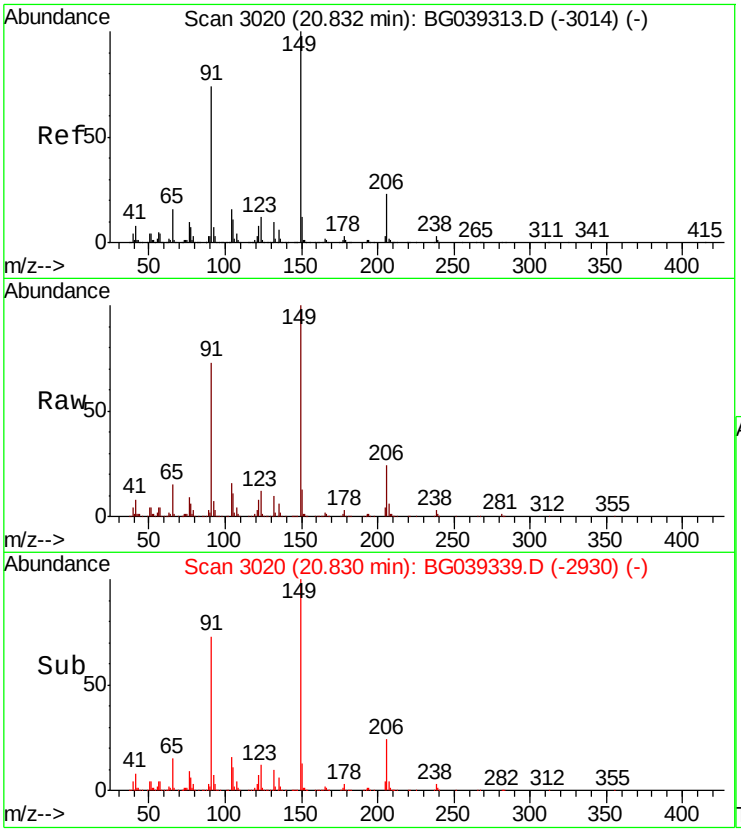




#79
Terphenyl-d14
Concen: 86.831 ng
RT: 20.14 min Scan# 2903
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:244 Resp: 1303657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.3 | 7.3 | 10.9 |
| 122 | 9.8 | 8.4 | 12.6 |



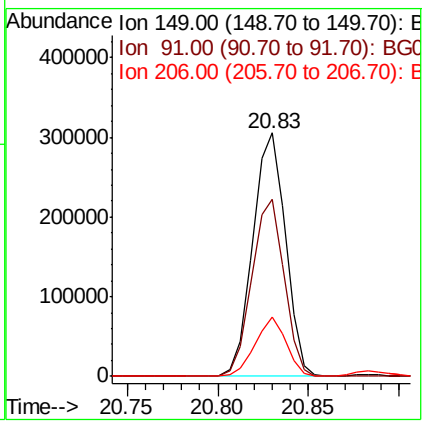


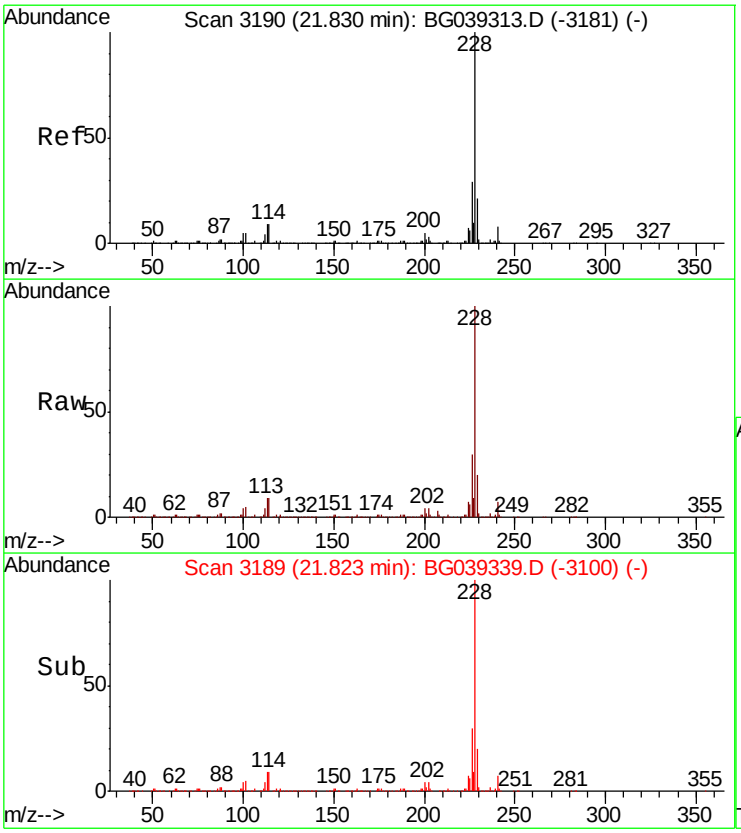

#80
Butylbenzylphthalate
Concen: 45.958 ng
RT: 20.83 min Scan# 3020
Delta R.T. -0.00 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:149 Resp: 383537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 72.6 | 59.5 | 89.3 |
| 206 | 24.5 | 18.6 | 27.8 |

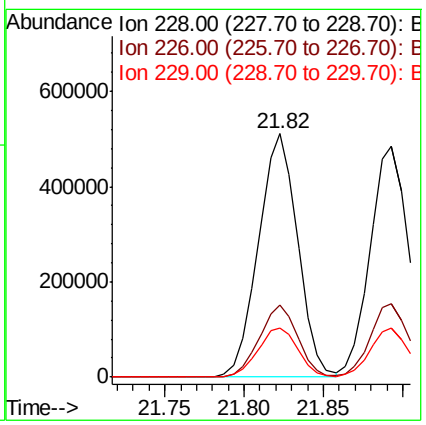


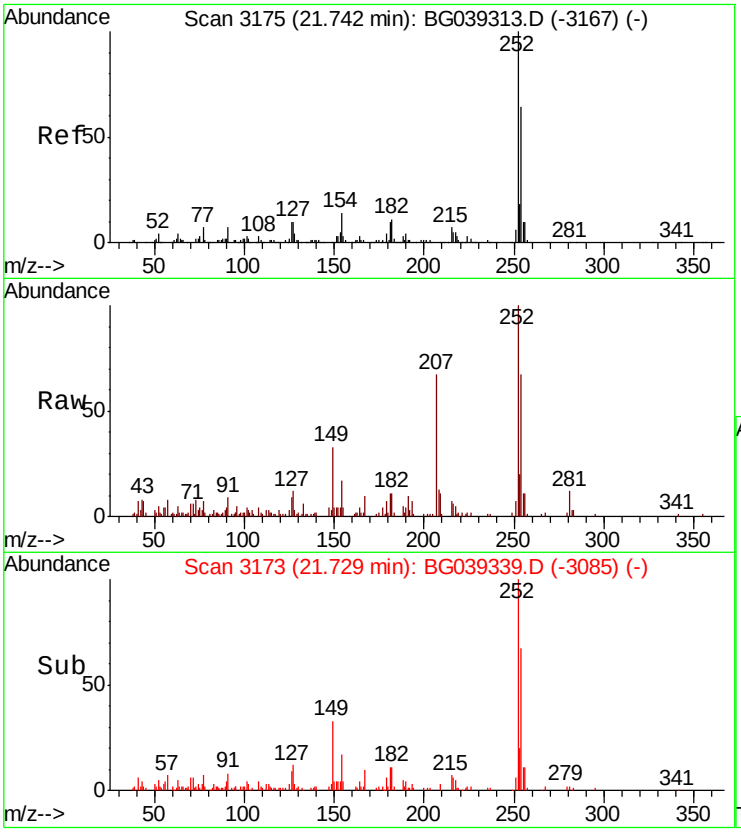




#81
Benzo(a)anthracene
Concen: 46.839 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:228 Resp: 879557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.6 | 23.0 | 34.6 |
| 229 | 20.4 | 16.9 | 25.3 |



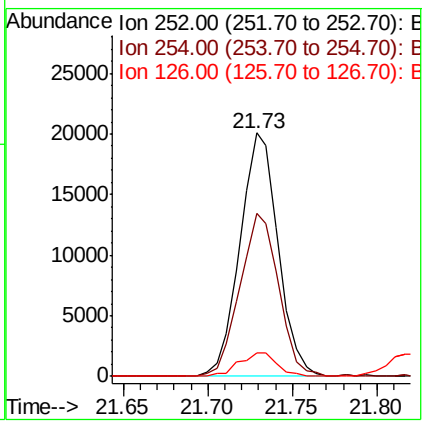


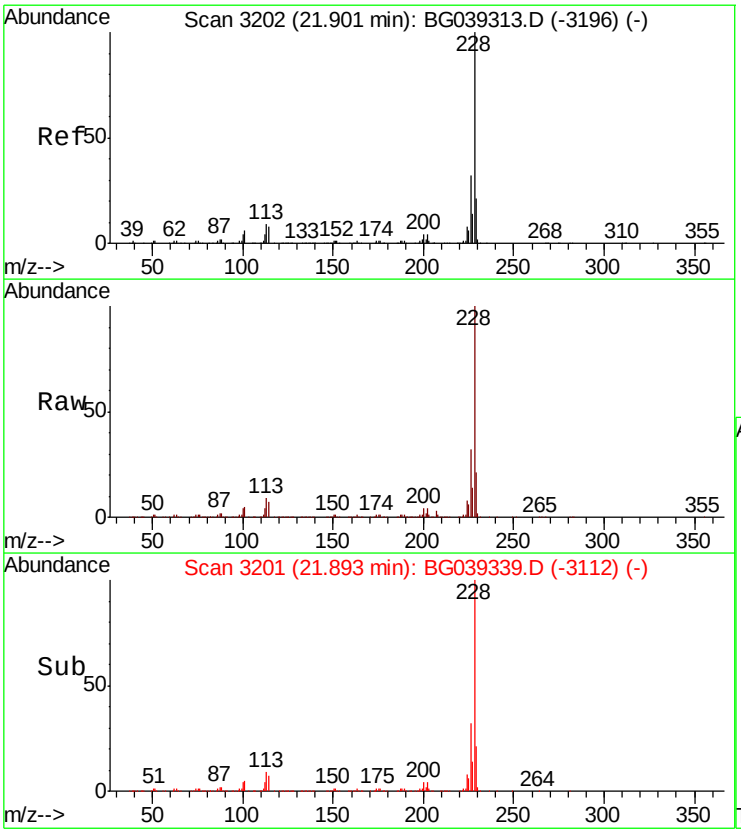

#82
3,3'-Dichlorobenzidine
Concen: 4.521 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:252 Resp: 31479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 66.9 | 51.3 | 76.9 |
| 126 | 9.5 | 8.0 | 12.0 |

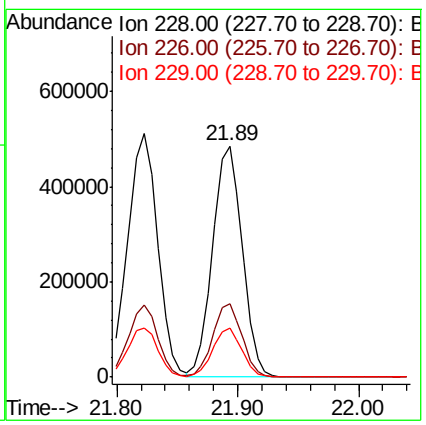


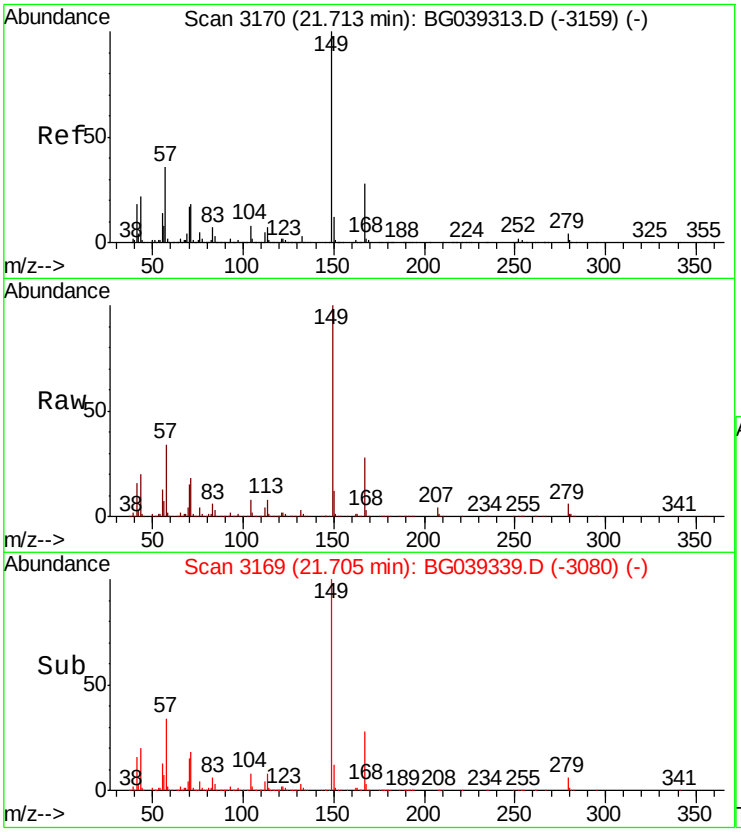




#83
Chrysene
Concen: 45.926 ng
RT: 21.89 min Scan# 3201
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:228 Resp: 820954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.6 | 25.8 | 38.6 |
| 229 | 21.2 | 16.6 | 25.0 |



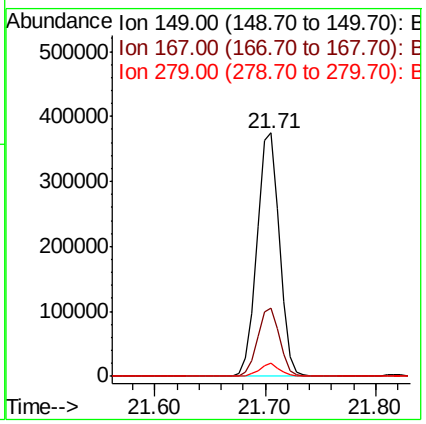


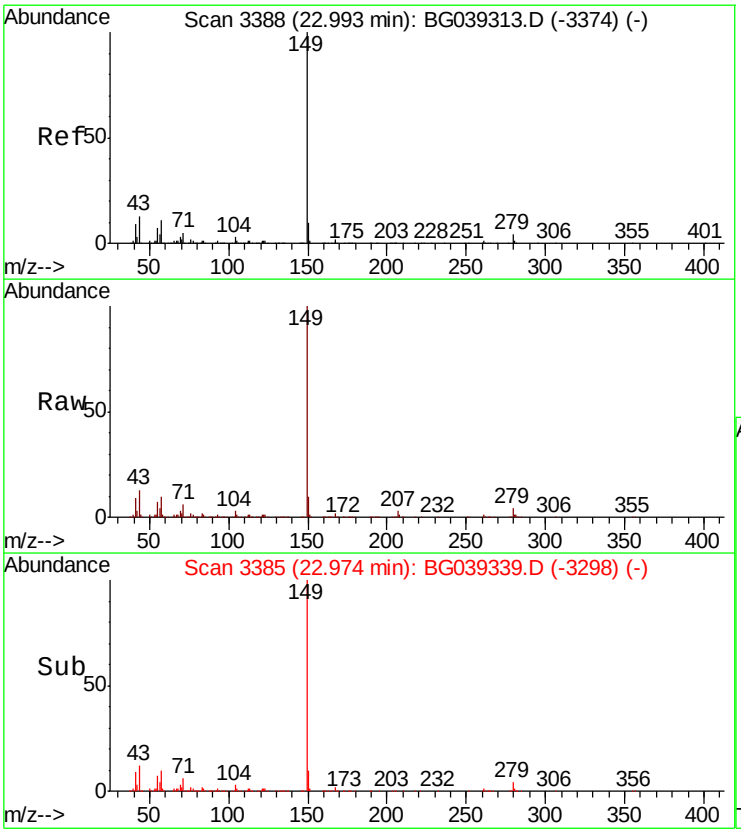

#84
Bis(2-ethylhexyl)phthalate
Concen: 44.834 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:149 Resp: 533789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.9 | 22.6 | 34.0 |
| 279 | 5.5 | 3.5 | 5.3# |

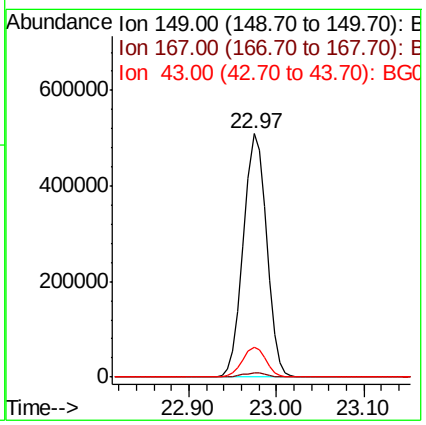


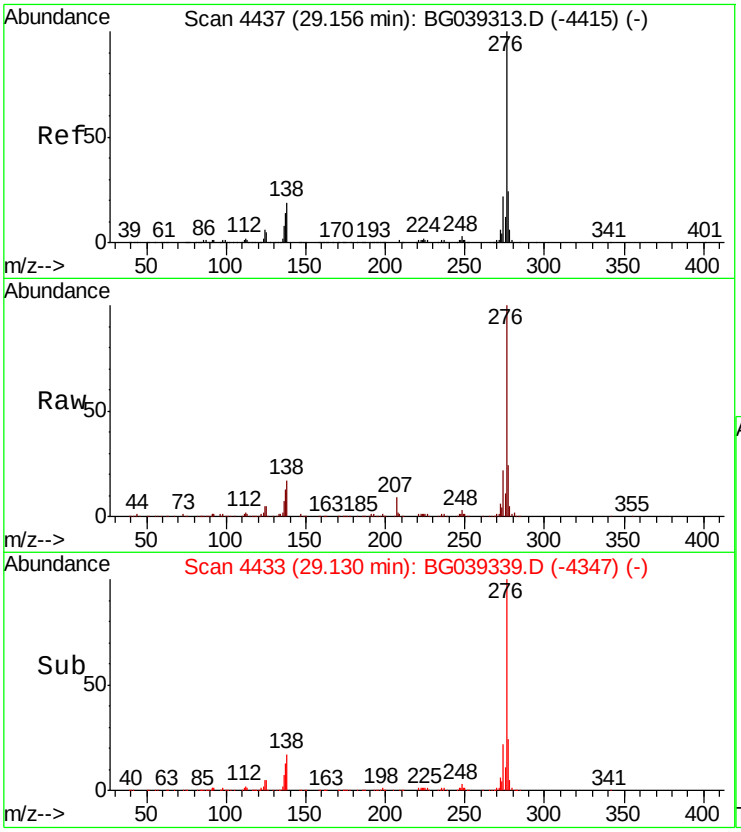




#85
Di-n-octyl phthalate
Concen: 46.331 ng
RT: 22.97 min Scan# 3385
Delta R.T. -0.02 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:149 Resp: 911326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.3 | 1.9 |
| 43 | 12.4 | 10.2 | 15.4 |



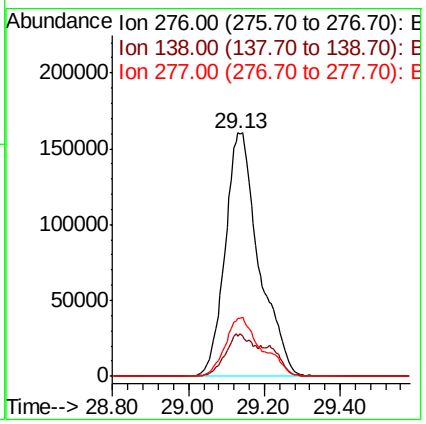


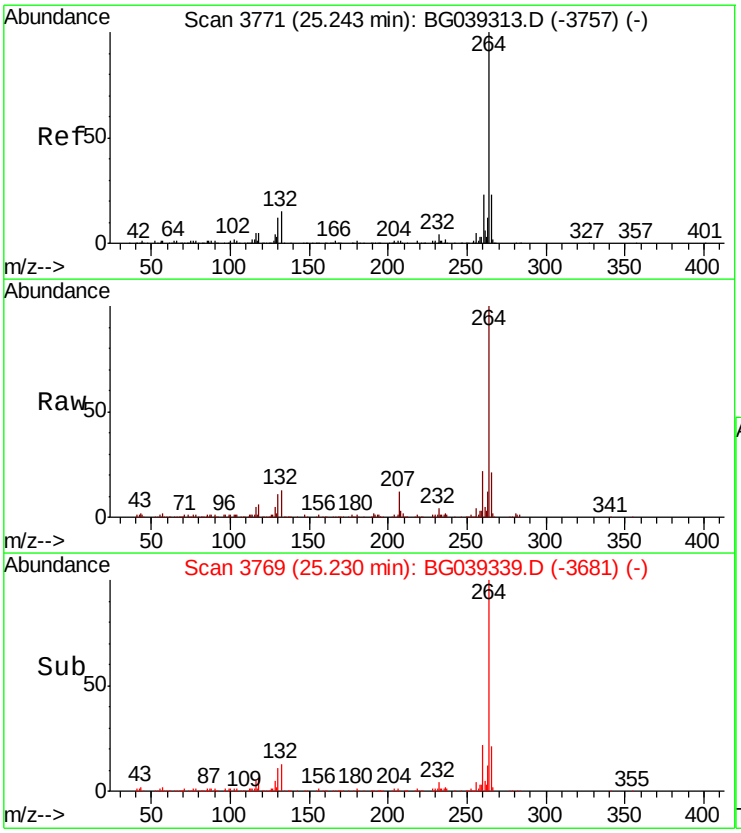

#86
Indeno(1,2,3-cd)pyrene
Concen: 51.905 ng
RT: 29.13 min Scan# 4433
Delta R.T. -0.03 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:276 Resp: 995500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 14.4 | 12.6 | 19.0 |
| 277 | 25.9 | 20.8 | 31.2 |

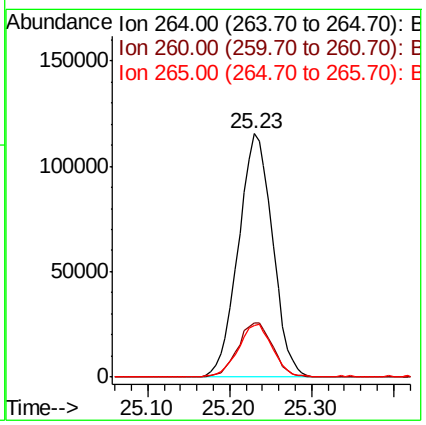


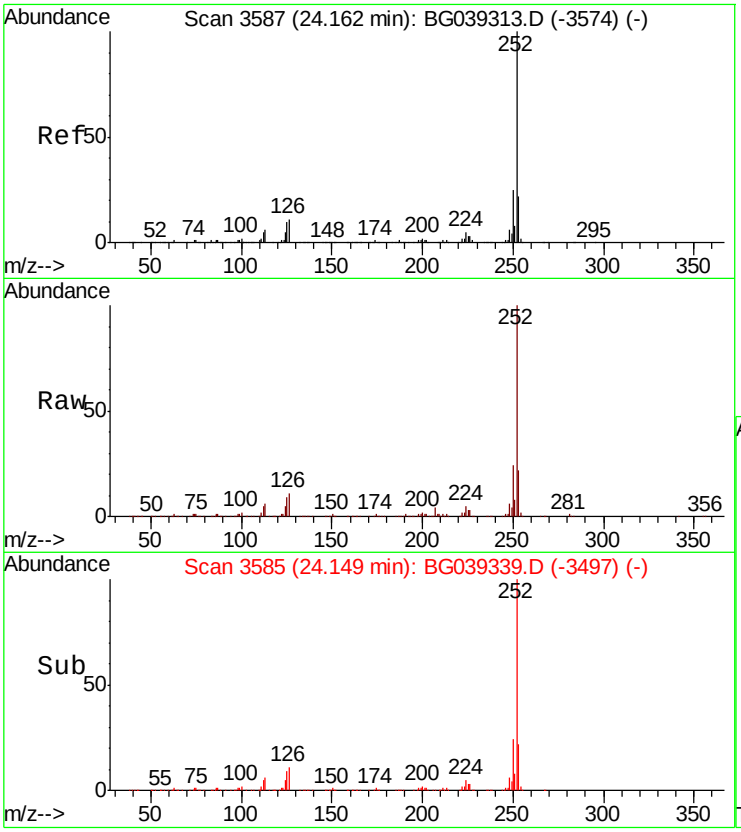




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.23 min Scan# 3769
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:264 Resp: 335393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.0 | 18.2 | 27.4 |
| 265 | 21.3 | 18.5 | 27.7 |



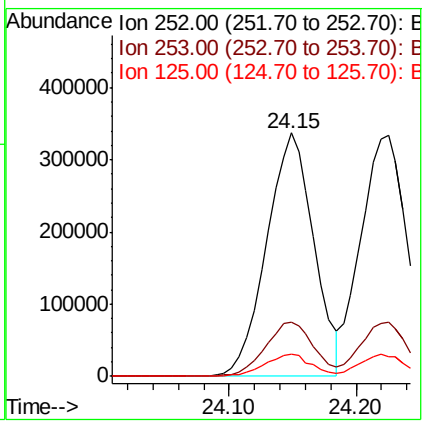


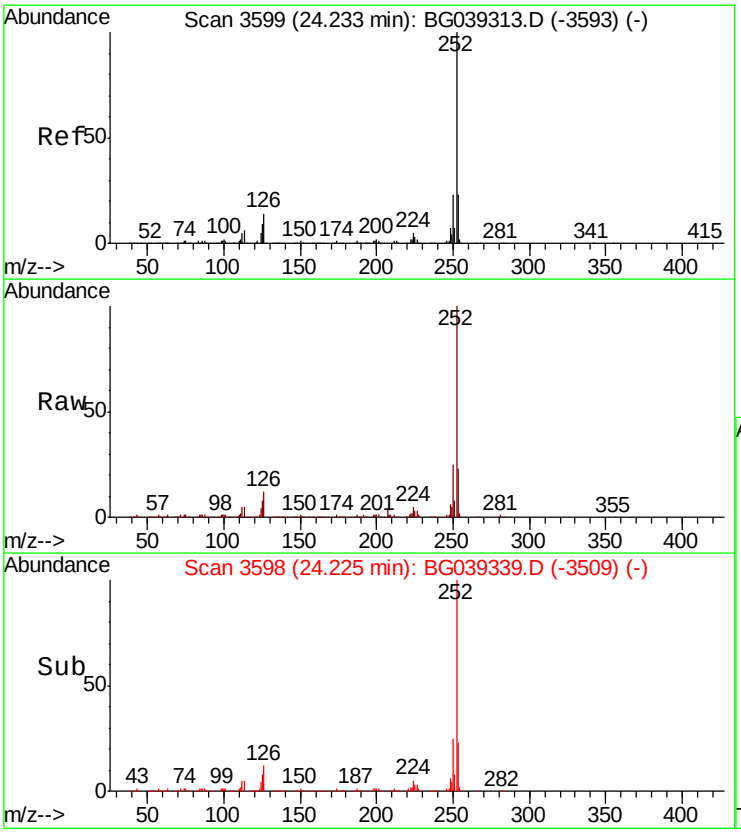

#88
Benzo(b)fluoranthene
Concen: 47.613 ng
RT: 24.15 min Scan# 3585
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:252 Resp: 870878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 17.8 | 26.8 |
| 125 | 9.3 | 7.8 | 11.6 |

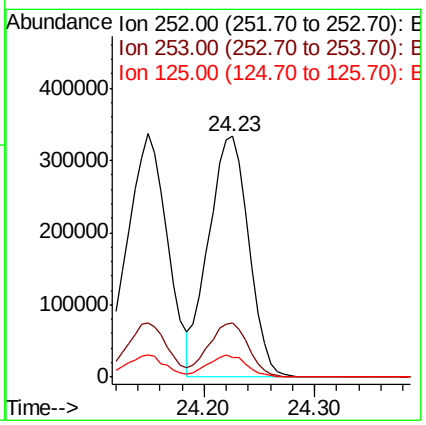


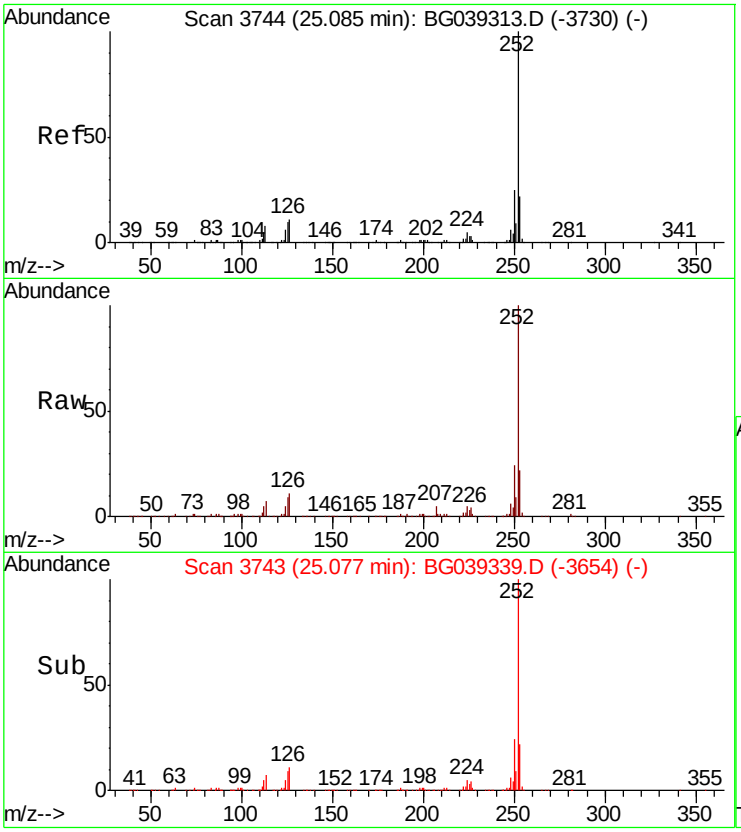




#89
Benzo(k)fluoranthene
Concen: 45.876 ng
RT: 24.23 min Scan# 3598
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:252 Resp: 842451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.6 | 18.2 | 27.2 |
| 125 | 8.4 | 7.4 | 11.2 |



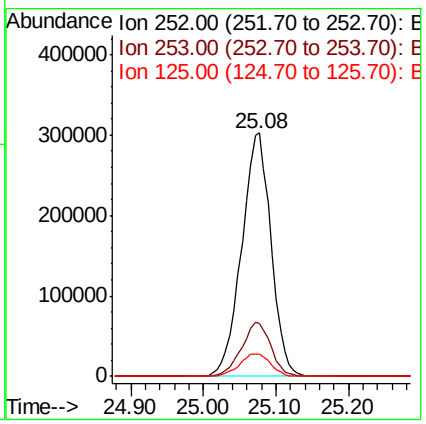


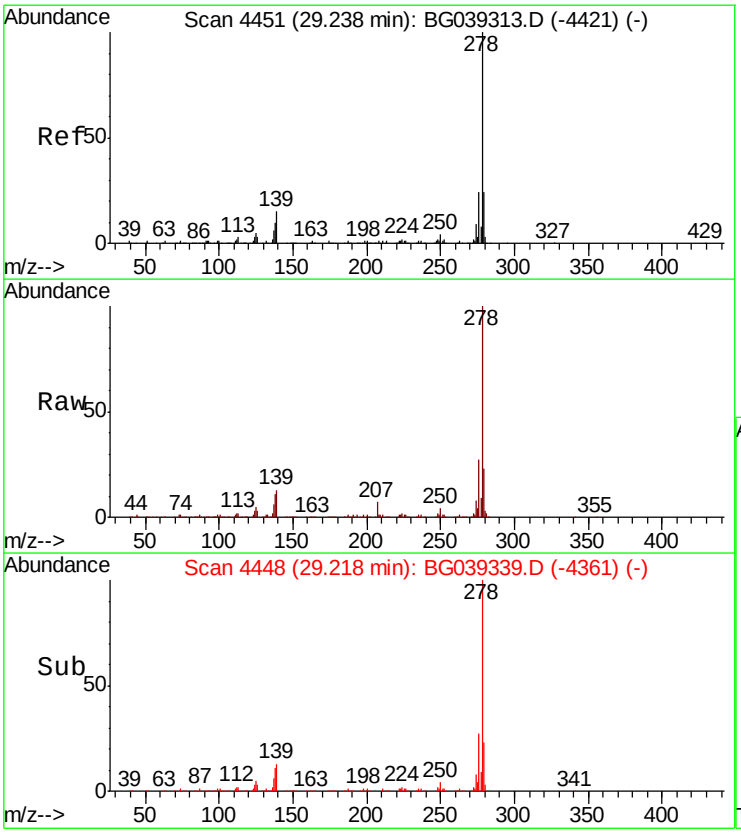

#90
Benzo(a)pyrene
Concen: 48.214 ng
RT: 25.08 min Scan# 3743
Delta R.T. -0.01 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:252 Resp: 849304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 17.9 | 26.9 |
| 125 | 9.2 | 8.3 | 12.5 |

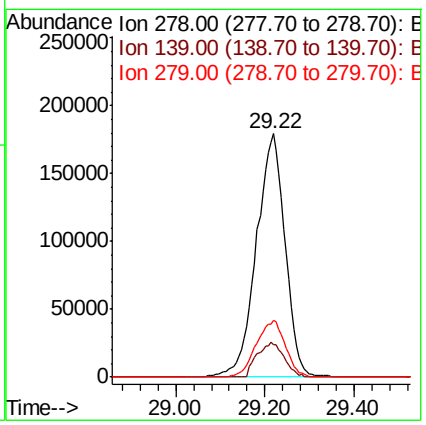


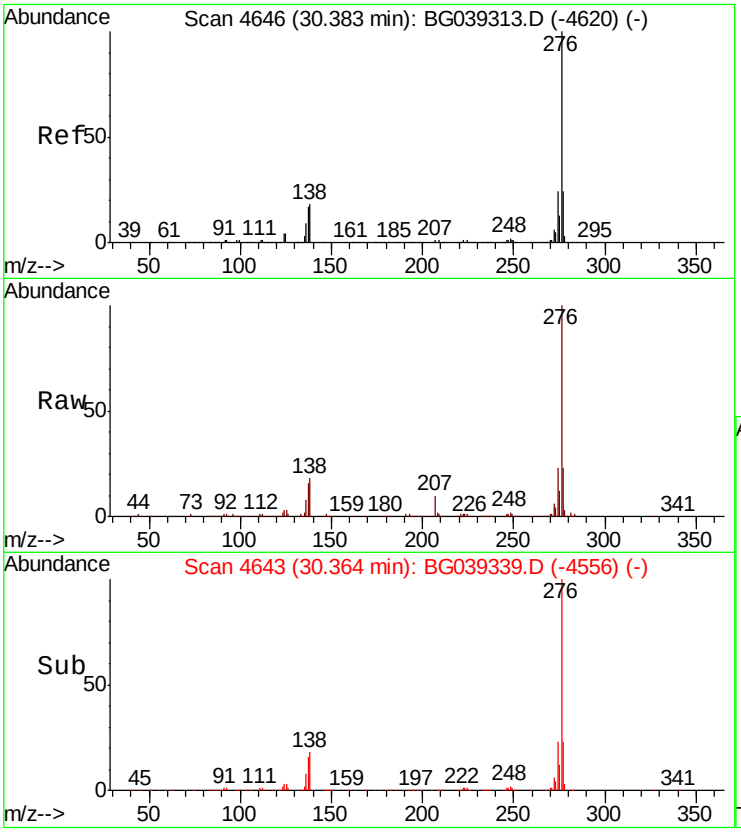




#91
Dibenzo(a,h)anthracene
Concen: 48.505 ng
RT: 29.22 min Scan# 4448
Delta R.T. -0.02 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

Tgt Ion:278 Resp: 800186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 13.5 | 11.7 | 17.5 |
| 279 | 23.2 | 19.1 | 28.7 |






#92
Benzo(g,h,i)perylene
Concen: 49.870 ng
RT: 30.36 min Scan# 4643
Delta R.T. -0.02 min
Lab File: BG039339.D
Acq: 30 Jan 2019 22:31

**Instrument :**
BNA_G
**ClientSampleId :**
TP-1MS

Tgt Ion:276 Resp: 820000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.4 | 19.6 | 29.4 |
| 138 | 18.4 | 14.7 | 22.1 |