Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042538.D
Acq On : 28 Aug 2019 18:40
Operator : HP/JU
Sample : K4551-20MSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** S402-K1-1.0-1.5-082619MSD

Quant Time: Aug 29 05:58:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.00 | 152 | 33709 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.82 | 136 | 124717 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.66 | 164 | 92232 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.41 | 188 | 242402 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.69 | 240 | 281516 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 24.93 | 264 | 334732 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.55 | 112 | 177521 | 106.66 | ng | | 0.00 |
| 7) Phenol-d6 | 7.16 | 99 | 237023 | 105.43 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.16 | 82 | 134454 | 74.50 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 16.15 | 330 | 157551 | 120.18 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.28 | 172 | 370042 | 67.86 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.02 | 244 | 822552 | 63.17 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.42 | 88 | 19844 | 28.569 | ng | | 97 |
| 3) Pyridine | 3.83 | 79 | 44797 | 25.152 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.74 | 42 | 21881 | 34.397 | ng | | 93 |
| 6) Aniline | 7.32 | 93 | 80178 | 26.738 | ng | | 97 |
| 8) 2-Chlorophenol | 7.56 | 128 | 75792 | 37.574 | ng | | 96 |
| 9) Benzaldehyde | 7.13 | 77 | 43083 | 38.277 | ng | | 98 |
| 10) Phenol | 7.19 | 94 | 92593 | 40.507 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 7.41 | 93 | 58942 | 32.832 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.89 | 146 | 86256 | 33.614 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 8.03 | 146 | 88490 | 34.045 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.36 | 146 | 83875 | 33.696 | ng | | 99 |
| 15) Benzyl Alcohol | 8.24 | 79 | 56168 | 34.726 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.53 | 45 | 74140 | 30.470 | ng | | 97 |
| 17) 2-Methylphenol | 8.45 | 107 | 59414 | 35.288 | ng | | 98 |
| 18) Hexachloroethane | 9.09 | 117 | 29147 | 32.756 | ng | | 96 |
| 19) n-Nitroso-di-n-propylamine | 8.80 | 70 | 46938 | 32.226 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.78 | 107 | 81596 | 35.023 | ng | | 99 |
| 22) Acetophenone | 8.82 | 105 | 103141 | 38.666 | ng | # | 98 |
| 24) Nitrobenzene | 9.21 | 77 | 68122 | 37.274 | ng | | 97 |
| 25) Isophorone | 9.73 | 82 | 130473 | 36.632 | ng | | 99 |
| 26) 2-Nitrophenol | 9.93 | 139 | 46084 | 40.238 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 9.99 | 122 | 66762 | 42.318 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 10.22 | 93 | 77776 | 34.646 | ng | | 96 |
| 29) 2,4-Dichlorophenol | 10.47 | 162 | 86637 | 41.973 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.68 | 180 | 95863 | 37.837 | ng | | 93 |
| 31) Naphthalene | 10.87 | 128 | 223003 | 38.513 | ng | | 100 |
| 32) Benzoic acid | 10.13 | 122 | 6760 | 13.069 | ng | # | 83 |
| 33) 4-Chloroaniline | 10.98 | 127 | 77480 | 28.986 | ng | | 99 |
| 34) Hexachlorobutadiene | 11.16 | 225 | 61751 | 36.266 | ng | | 98 |
| 35) Caprolactam | 11.75 | 113 | 30222 | 43.880 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 12.11 | 107 | 80142 | 40.901 | ng | | 96 |
| 37) 2-Methylnaphthalene | 12.48 | 142 | 180236 | 38.766 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.70 | 142 | 168808 | 38.224 | ng | | 97 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.85 | 216 | 119083 | 40.205 | ng | | 99 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
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Acq On : 28 Aug 2019 18:40
Operator : HP/JU
Sample : K4551-20MSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** S402-K1-1.0-1.5-082619MSD

Quant Time: Aug 29 05:58:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.83 | 237 | 122682 | 78.852 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 13.09 | 196 | 83024 | 41.470 | ng | | 98 |
| 44) 2,4,5-Trichlorophenol | 13.18 | 196 | 92599 | 44.633 | ng | | 95 |
| 46) 1,1'-Biphenyl | 13.49 | 154 | 236476 | 39.664 | ng | | 97 |
| 47) 2-Chloronaphthalene | 13.53 | 162 | 196422 | 38.209 | ng | | 99 |
| 48) 2-Nitroaniline | 13.73 | 65 | 46584 | 37.578 | ng | | 95 |
| 49) Acenaphthylene | 14.38 | 152 | 313877 | 40.584 | ng | | 99 |
| 50) Dimethylphthalate | 14.11 | 163 | 293655 | 44.126 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.23 | 165 | 62484 | 40.507 | ng | | 97 |
| 52) Acenaphthene | 14.72 | 154 | 182805 | 38.925 | ng | | 99 |
| 53) 3-Nitroaniline | 14.56 | 138 | 50285 | 32.595 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 14.78 | 184 | 53297 | 53.506 | ng | | 94 |
| 55) Dibenzofuran | 15.06 | 168 | 322596 | 41.498 | ng | | 99 |
| 56) 4-Nitrophenol | 14.88 | 139 | 106757 | 97.388 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 15.02 | 165 | 91192 | 41.284 | ng | | 95 |
| 58) Fluorene | 15.71 | 166 | 265084 | 41.715 | ng | | 96 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.29 | 232 | 95314 | 46.456 | ng | | 93 |
| 60) Diethylphthalate | 15.47 | 149 | 257943 | 39.650 | ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.70 | 204 | 150358 | 39.252 | ng | | 98 |
| 62) 4-Nitroaniline | 15.73 | 138 | 72624 | 43.986 | ng | | 96 |
| 63) Azobenzene | 15.99 | 77 | 176826 | 39.667 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 15.80 | 198 | 59786 | 39.339 | ng | | 98 |
| 66) n-Nitrosodiphenylamine | 15.91 | 169 | 248955 | 37.346 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.59 | 248 | 110101 | 35.809 | ng | | 99 |
| 68) Hexachlorobenzene | 16.72 | 284 | 118351 | 35.408 | ng | | 99 |
| 69) Atrazine | 16.86 | 200 | 102399 | 43.438 | ng | | 97 |
| 70) Pentachlorophenol | 17.07 | 266 | 132376 | 76.224 | ng | | 97 |
| 71) Phenanthrene | 17.45 | 178 | 486723 | 40.424 | ng | | 99 |
| 72) Anthracene | 17.55 | 178 | 499819 | 41.582 | ng | | 99 |
| 73) Carbazole | 17.82 | 167 | 465867 | 43.487 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.37 | 149 | 512831 | 40.497 | ng | | 100 |
| 75) Fluoranthene | 19.47 | 202 | 676622 | 46.046 | ng | | 97 |
| 77) Benzidine | 19.64 | 184 | 264187 | 32.732 | ng | | 97 |
| 78) Pyrene | 19.83 | 202 | 685101 | 39.694 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.71 | 149 | 251671 | 37.073 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.67 | 228 | 686310 | 40.076 | ng | | 97 |
| 82) 3,3'-Dichlorobenzidine | 21.58 | 252 | 223573 | 32.461 | ng | | 98 |
| 83) Chrysene | 21.74 | 228 | 669426 | 40.533 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.57 | 149 | 361730 | 38.378 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.79 | 149 | 636529 | 39.265 | ng | | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 28.63 | 276 | 888684 | 39.595 | ng | # | 96 |
| 88) Benzo(b)fluoranthene | 23.90 | 252 | 749674 | 40.738 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.97 | 252 | 743234 | 42.018 | ng | | 100 |
| 90) Benzo(a)pyrene | 24.77 | 252 | 745956 | 42.718 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 28.69 | 278 | 735460 | 41.597 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 29.80 | 276 | 745792 | 42.175 | ng | | 99 |

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

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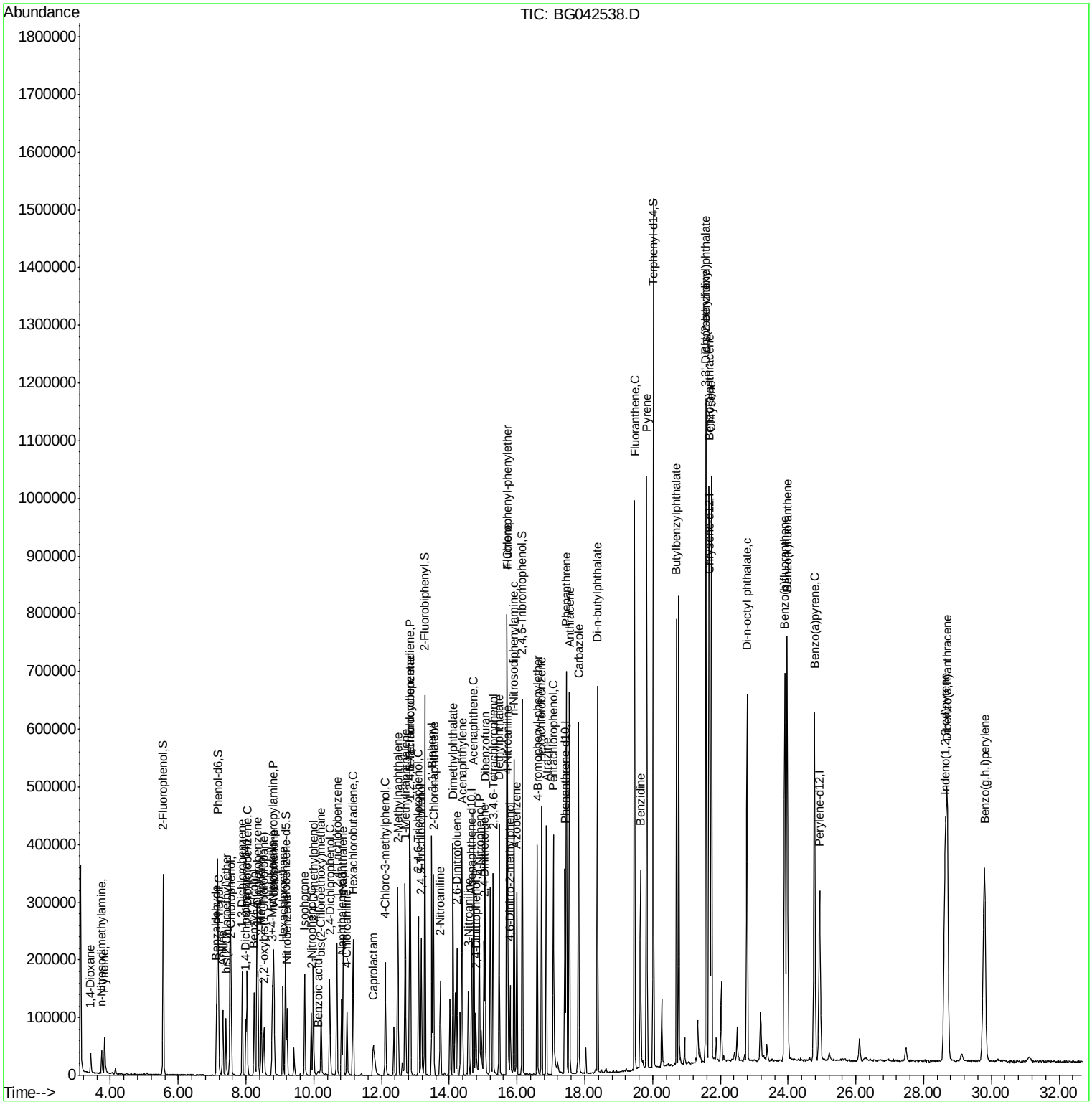
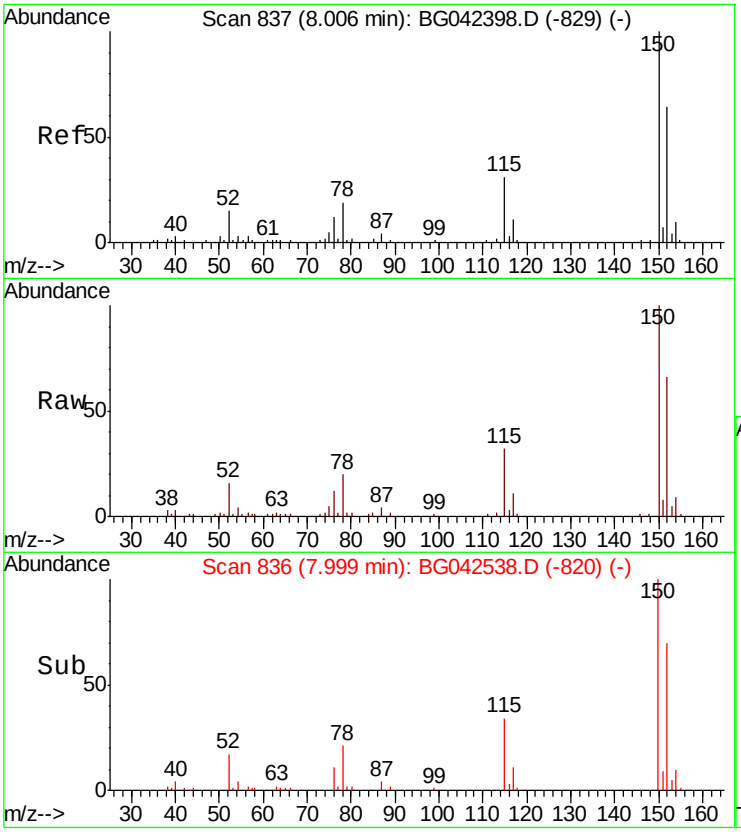
Data File : BG042538.D
Acq On : 28 Aug 2019 18:40
Operator : HP/JU
Sample : K4551-20MSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Quant Time: Aug 29 05:58:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration



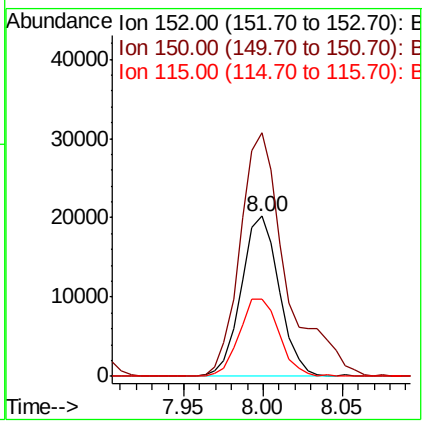


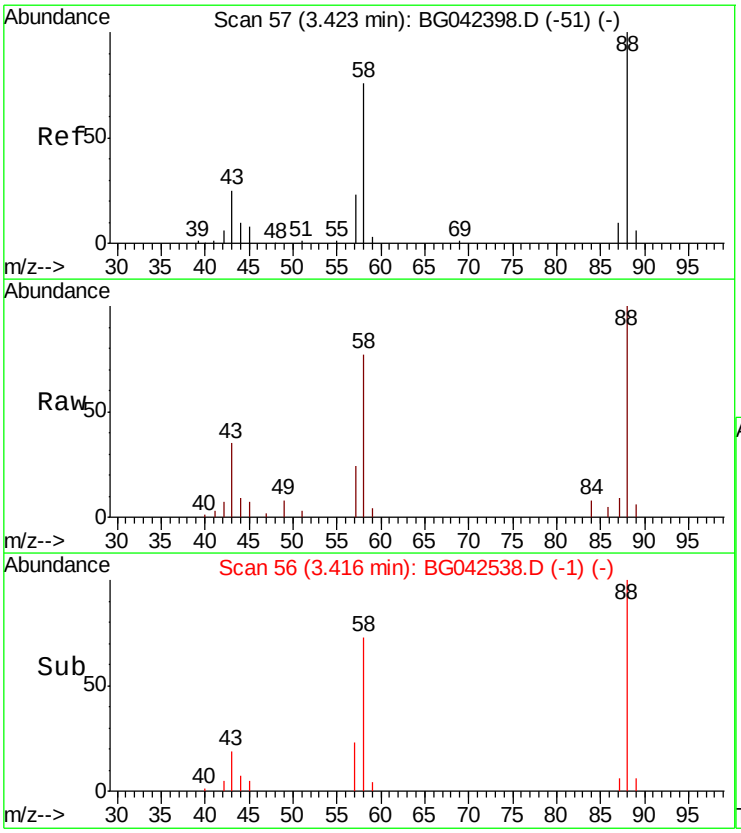

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:152 Resp: 33709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 151.8 | 125.4 | 188.0 |
| 115 | 48.5 | 38.5 | 57.7 |

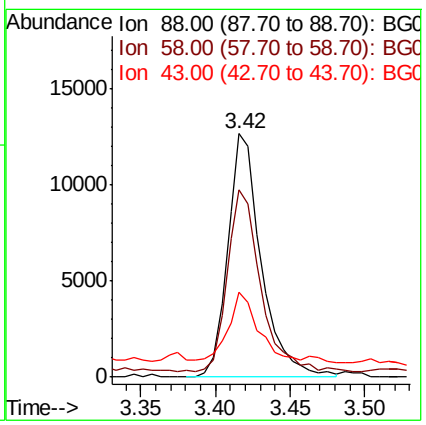


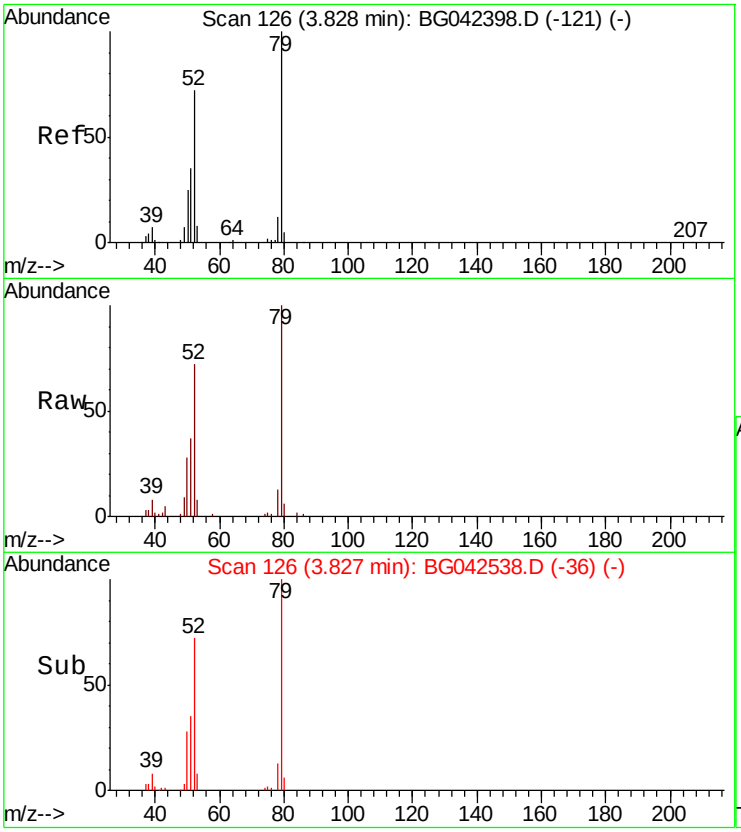




#2
1,4-Dioxane
Concen: 28.569 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion: 88 Resp: 19844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 75.0 | 58.3 | 87.5 |
| 43 | 23.8 | 20.2 | 30.2 |



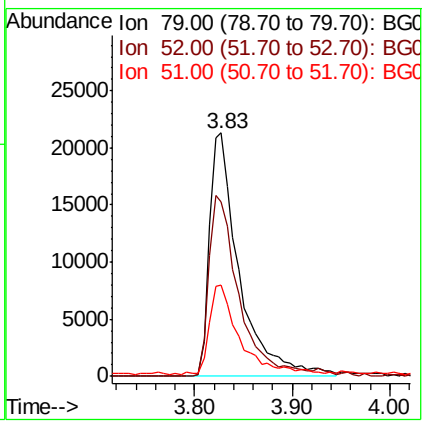


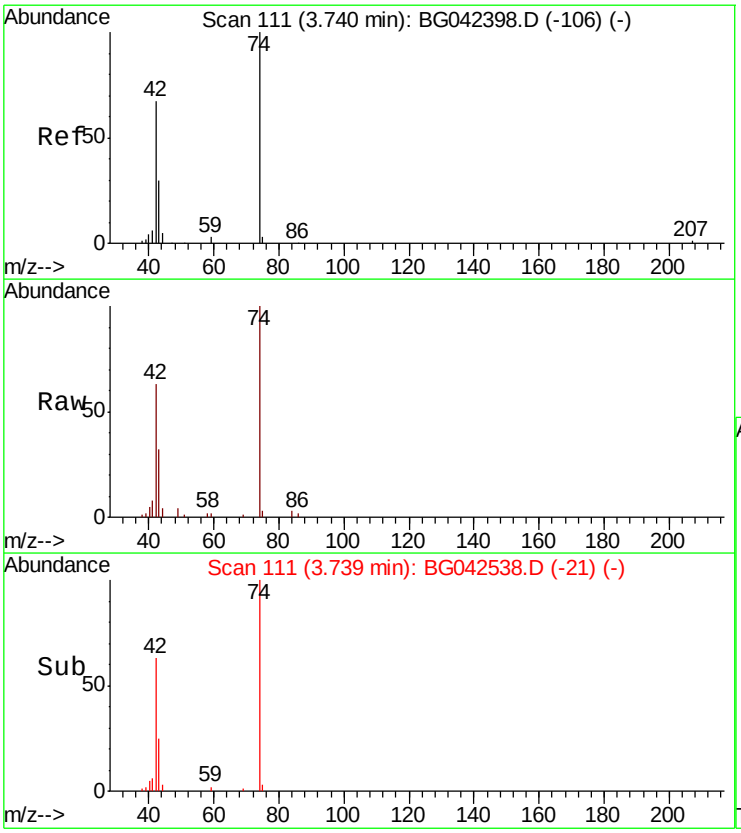

#3
Pyridine
Concen: 25.152 ng
RT: 3.83 min Scan# 126
Delta R.T. -0.00 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion: 79 Resp: 44797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 71.9 | 57.7 | 86.5 |
| 51 | 37.3 | 28.8 | 43.2 |

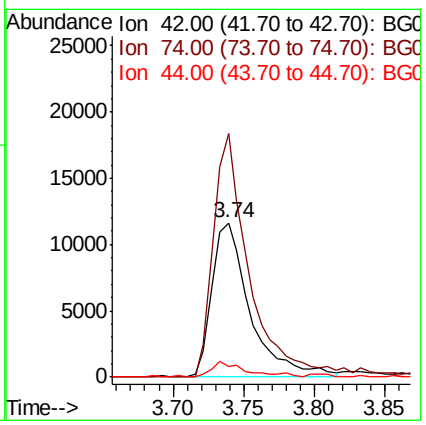


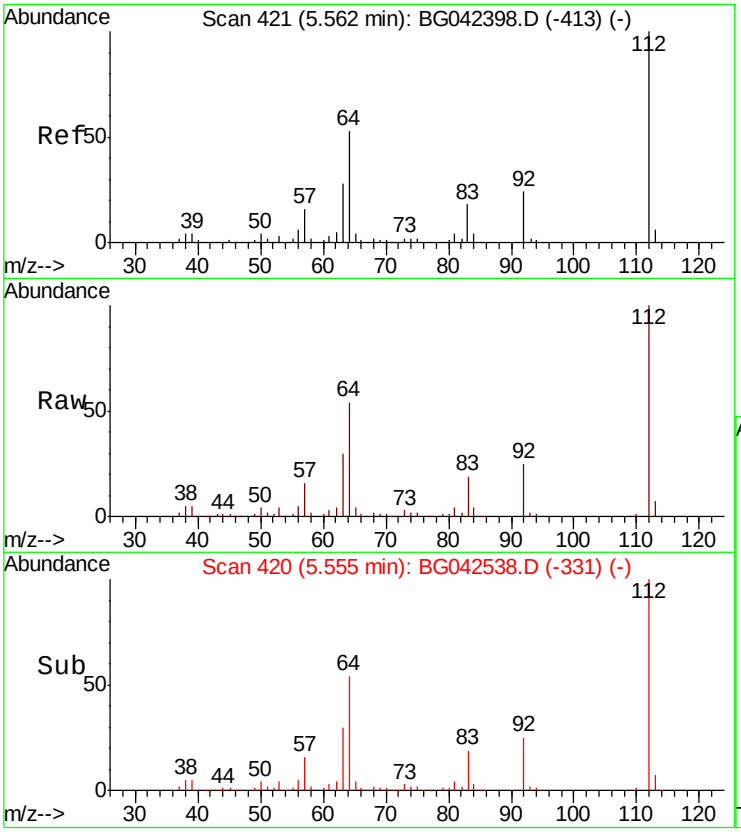




#4
n-Nitrosodimethylamine
Concen: 34.397 ng
RT: 3.74 min Scan# 111
Delta R.T. -0.00 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion: 42 Resp: 21881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 158.1 | 119.6 | 179.4 |
| 44 | 6.7 | 6.5 | 9.7 |



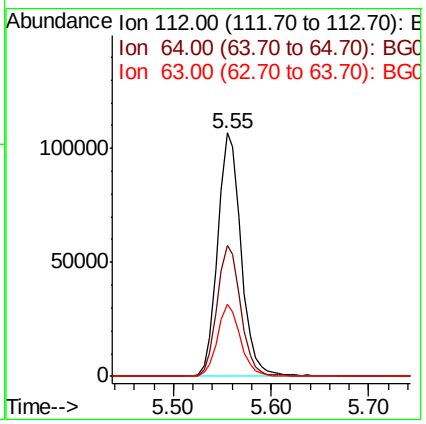


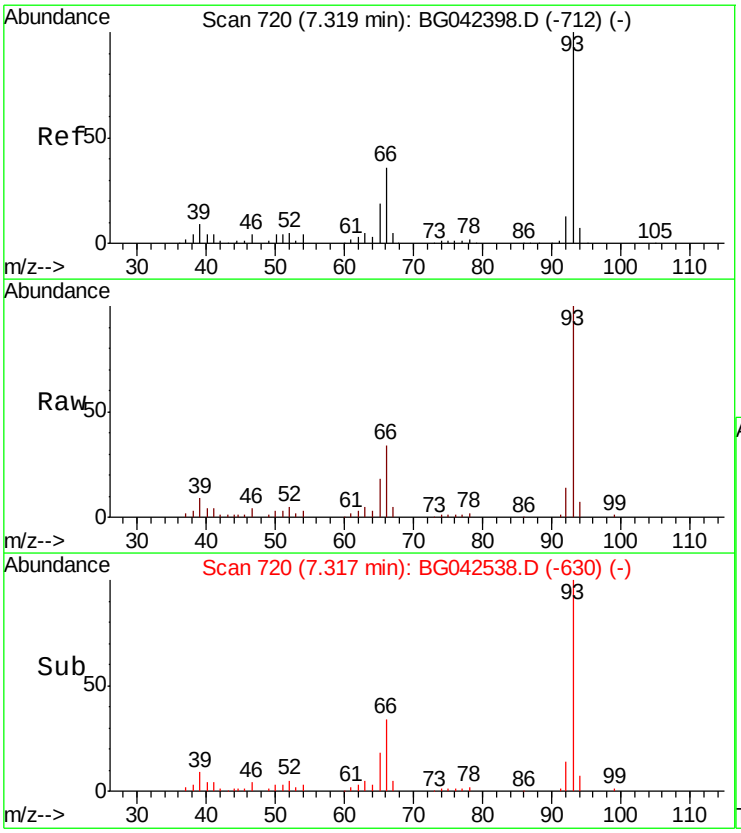

#5
2-Fluorophenol
Concen: 106.657 ng
RT: 5.55 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:112 Resp: 177521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 53.6 | 42.8 | 64.2 |
| 63 | 29.7 | 22.7 | 34.1 |

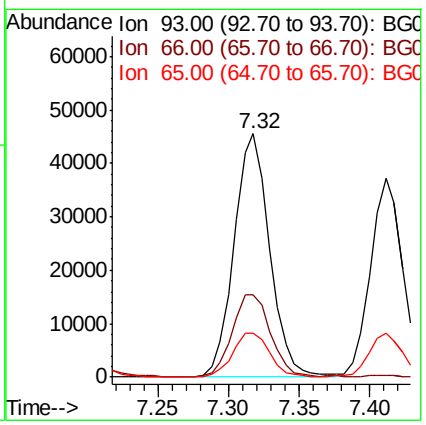


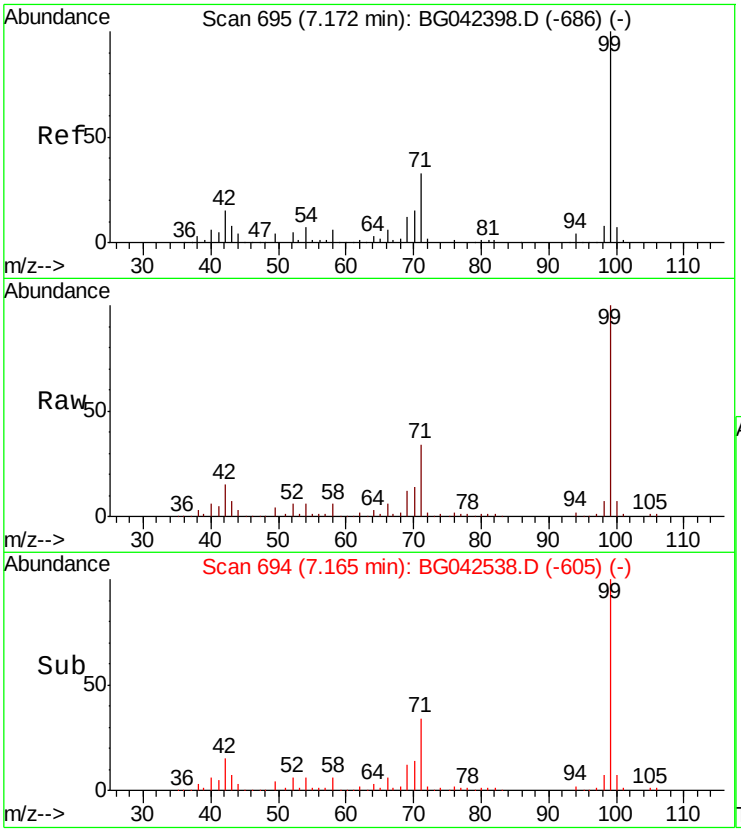




#6
Aniline
Concen: 26.738 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion: 93 Resp: 80178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 34.1 | 29.0 | 43.6 |
| 65 | 18.0 | 15.2 | 22.8 |



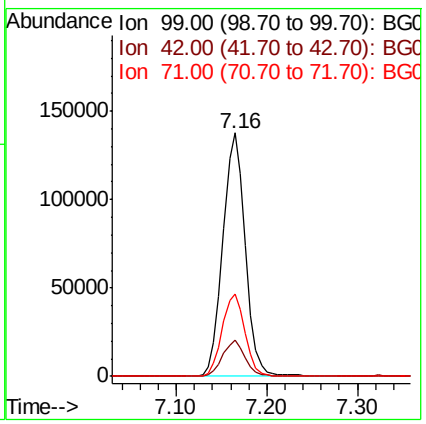


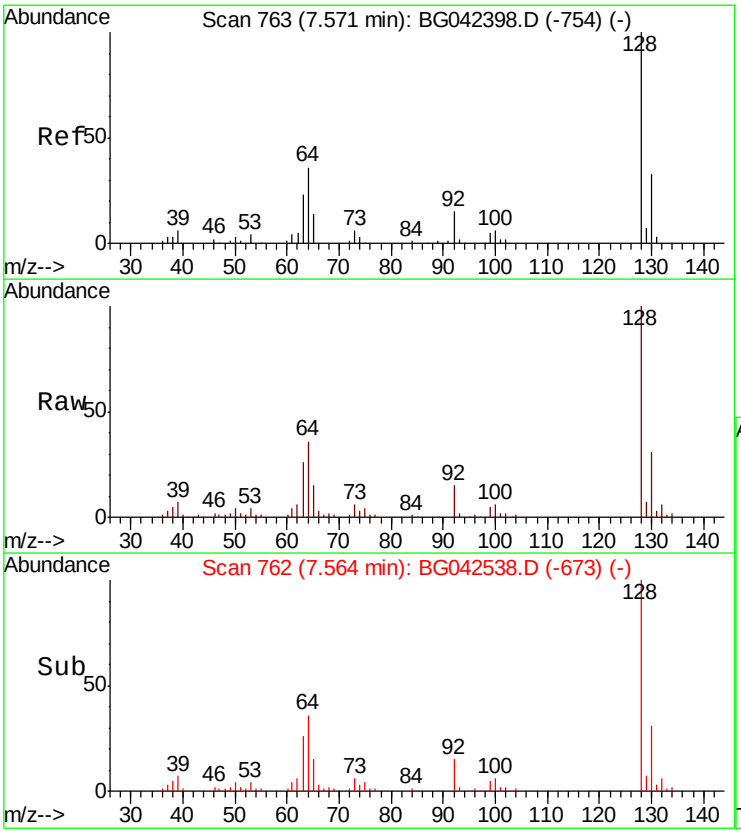

#7
Phenol-d6
Concen: 105.426 ng
RT: 7.16 min Scan# 694
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion: 99 Resp: 237023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 14.9 | 12.0 | 18.0 |
| 71 | 33.8 | 26.3 | 39.5 |

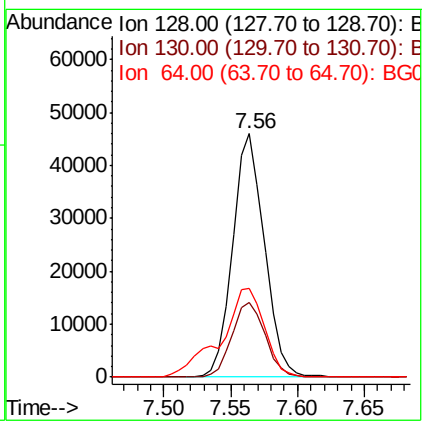


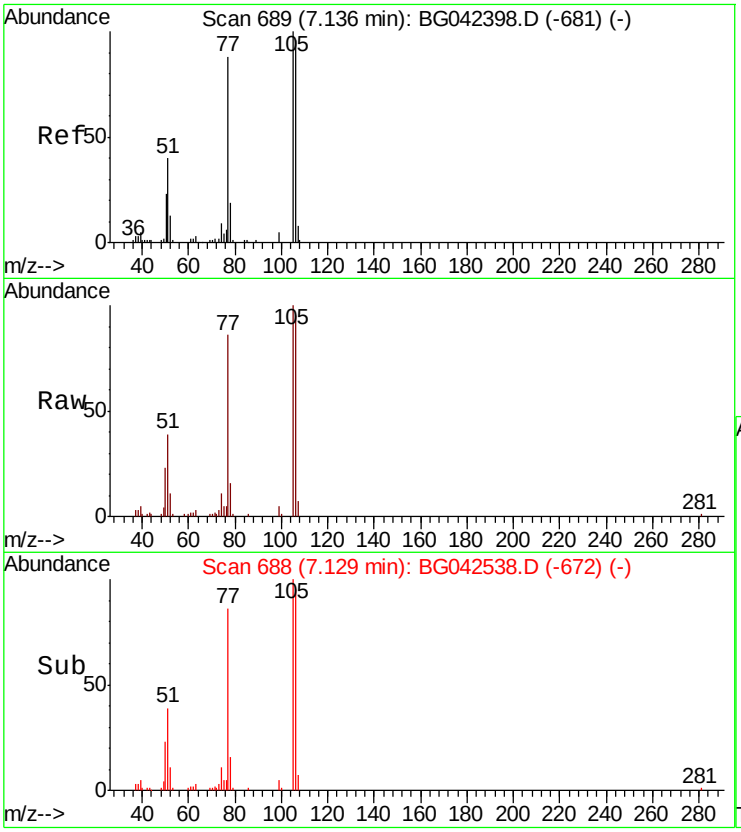




#8
2-Chlorophenol
Concen: 37.574 ng
RT: 7.56 min Scan# 762
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:128 Resp: 75792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 30.6 | 12.8 | 52.8 |
| 64 | 36.4 | 19.2 | 59.2 |



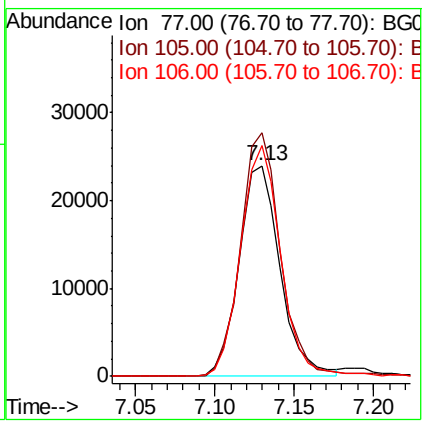


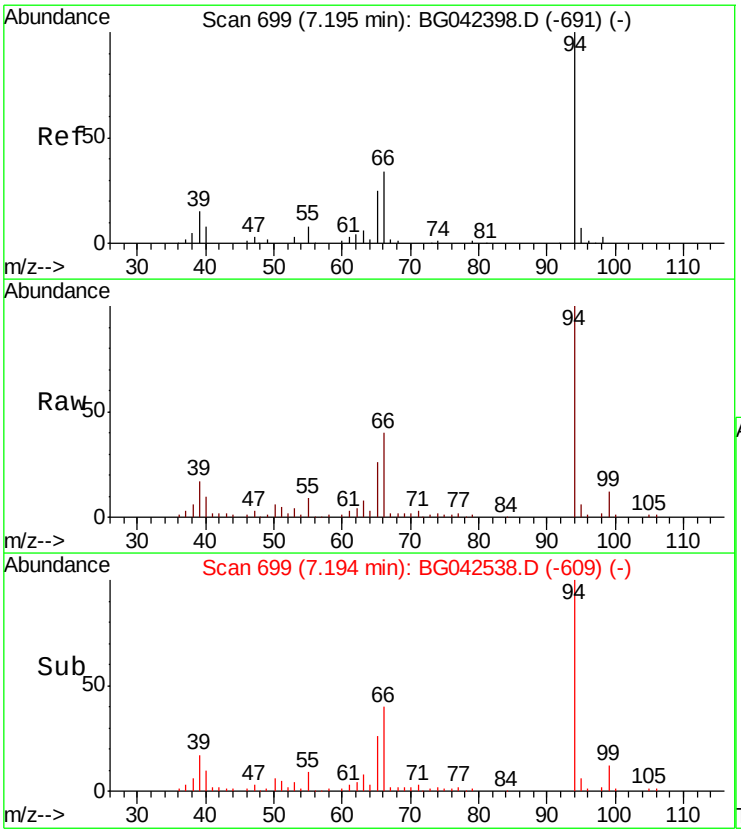

#9
Benzaldehyde
Concen: 38.277 ng
RT: 7.13 min Scan# 688
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion: 77 Resp: 43083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 115.8 | 93.4 | 133.4 |
| 106 | 110.0 | 88.4 | 128.4 |

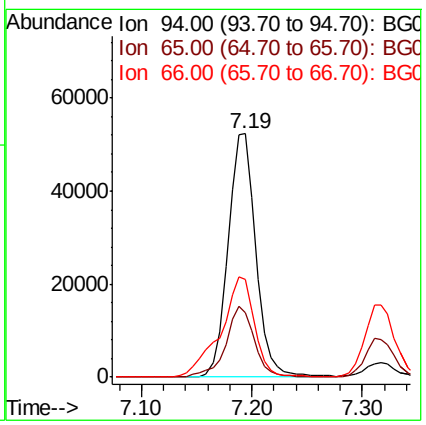


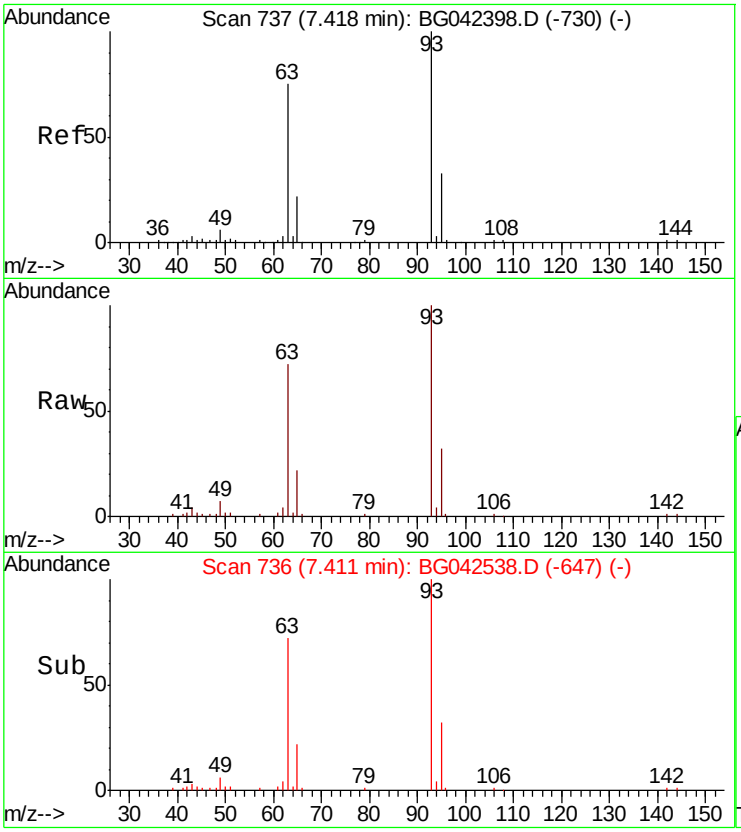




#10
Phenol
Concen: 40.507 ng
RT: 7.19 min Scan# 699
Delta R.T. -0.00 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion: 94 Resp: 92593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 26.2 | 5.6 | 45.6 |
| 66 | 39.9 | 16.0 | 56.0 |



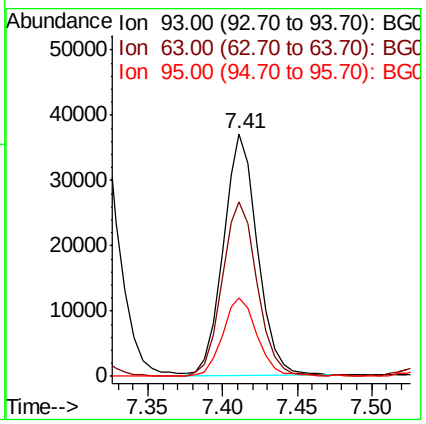


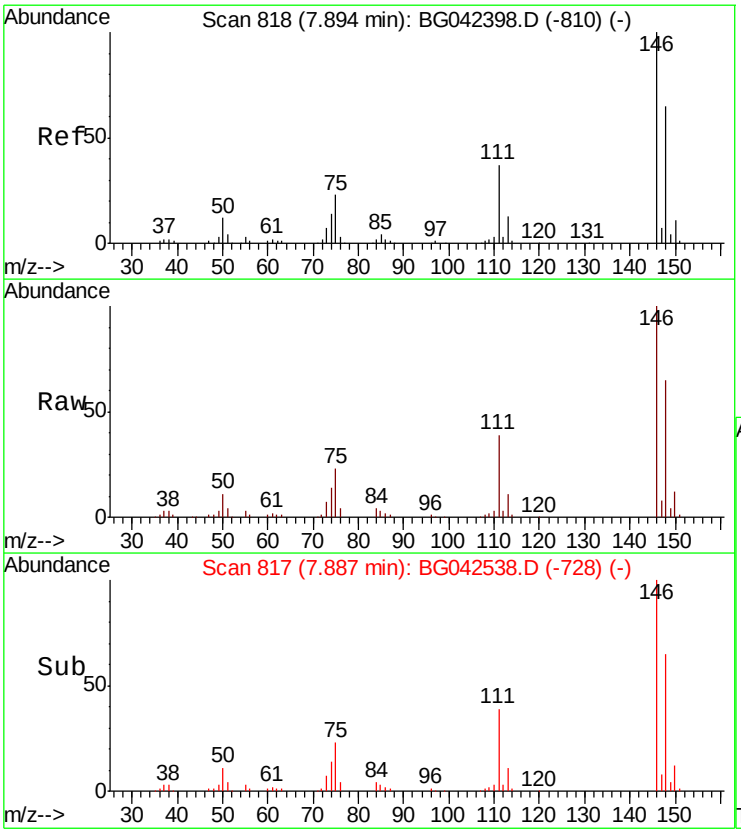

#11
bis(2-Chloroethyl)ether
Concen: 32.832 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion: 93 Resp: 58942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 71.6 | 53.8 | 93.8 |
| 95 | 32.3 | 13.1 | 53.1 |

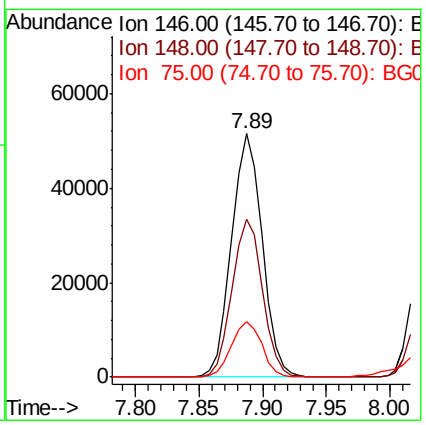


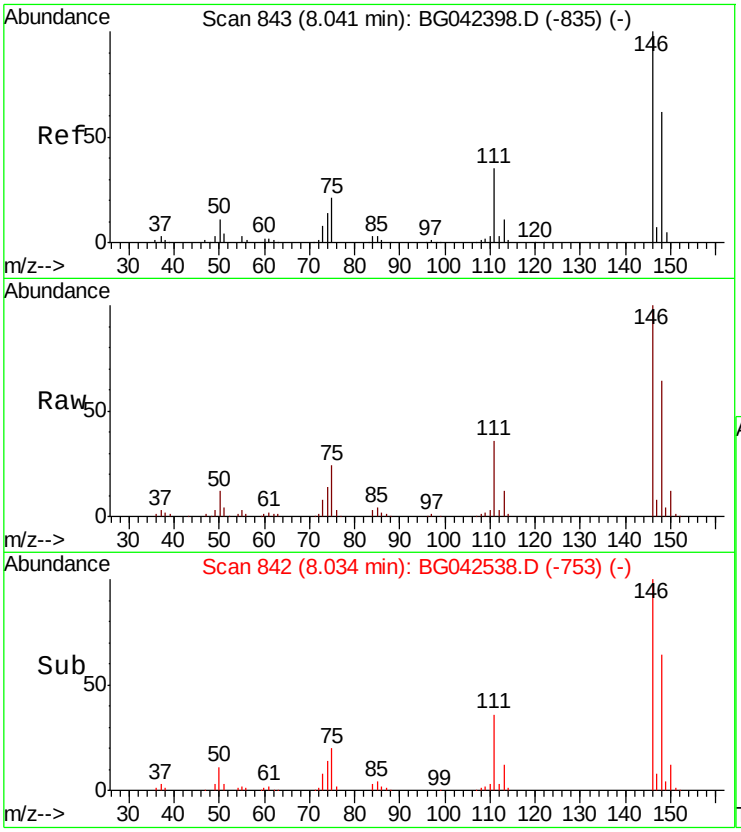




#12
1,3-Dichlorobenzene
Concen: 33.614 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:146 Resp: 86256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.1 | 52.2 | 78.2 |
| 75 | 23.0 | 18.0 | 27.0 |



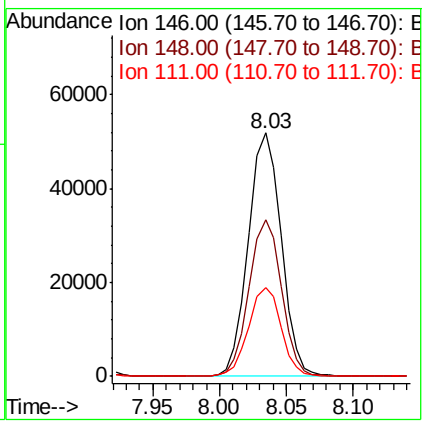


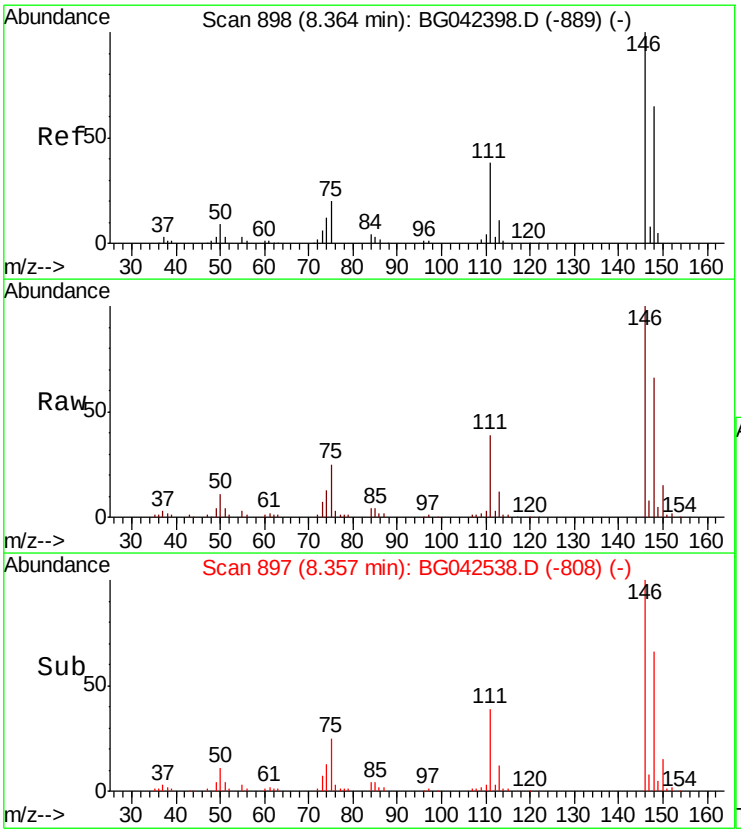

#13
1,4-Dichlorobenzene
Concen: 34.045 ng
RT: 8.03 min Scan# 842
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:146 Resp: 88490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.3 | 49.5 | 74.3 |
| 111 | 36.4 | 28.1 | 42.1 |

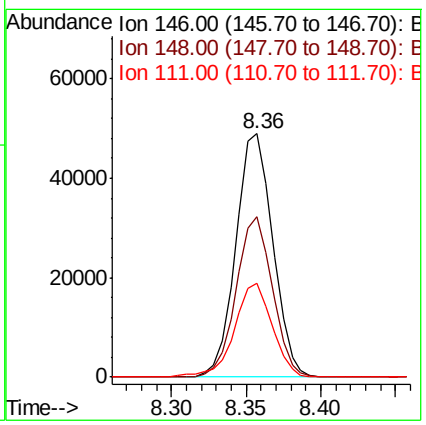


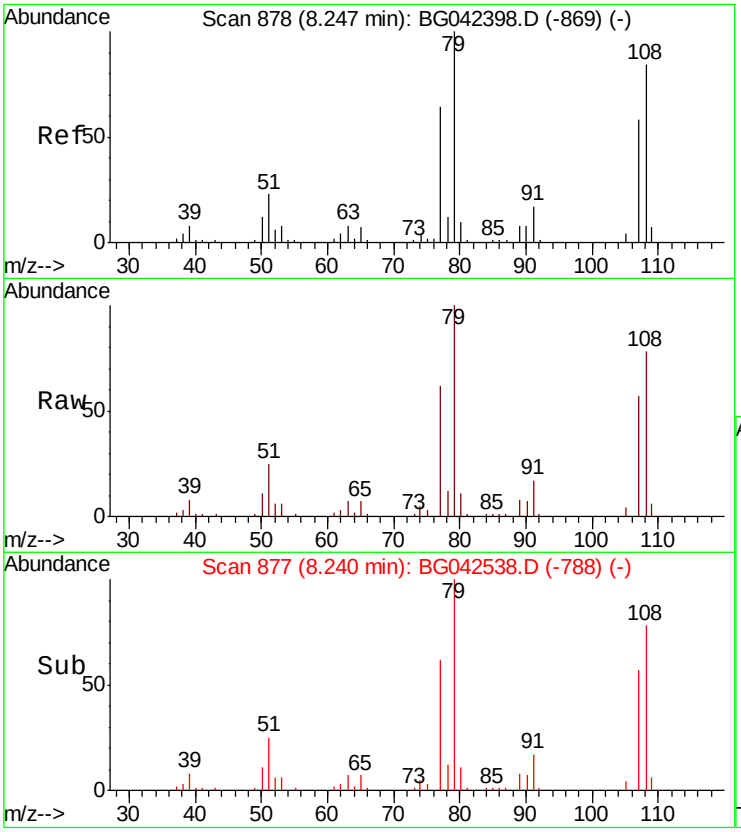




#14
1,2-Dichlorobenzene
Concen: 33.696 ng
RT: 8.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:146 Resp: 83875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.7 | 51.8 | 77.6 |
| 111 | 38.6 | 30.9 | 46.3 |



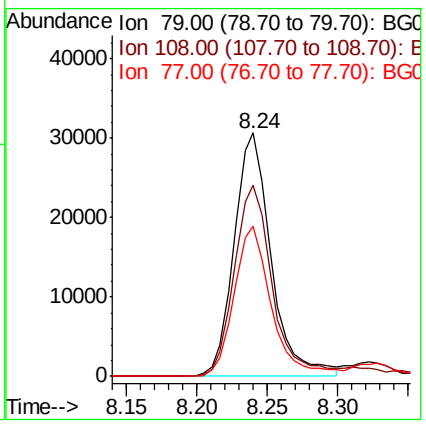


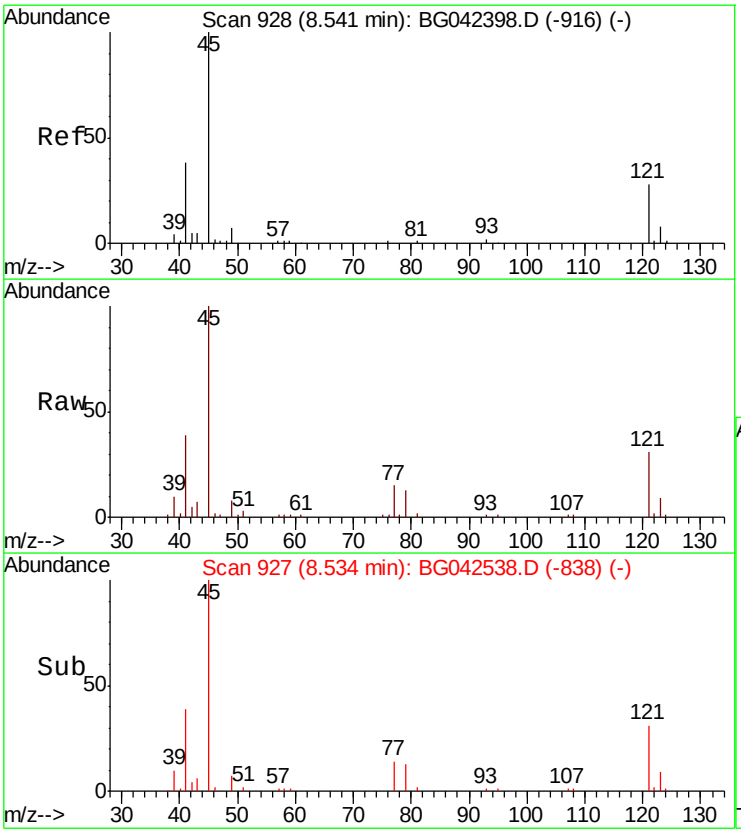

#15
Benzyl Alcohol
Concen: 34.726 ng
RT: 8.24 min Scan# 877
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion: 79 Resp: 56168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 78.5 | 67.4 | 101.2 |
| 77 | 61.6 | 50.8 | 76.2 |

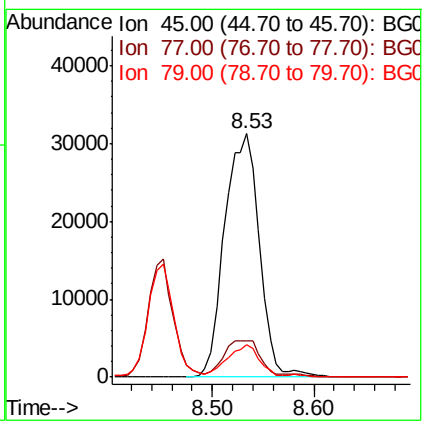


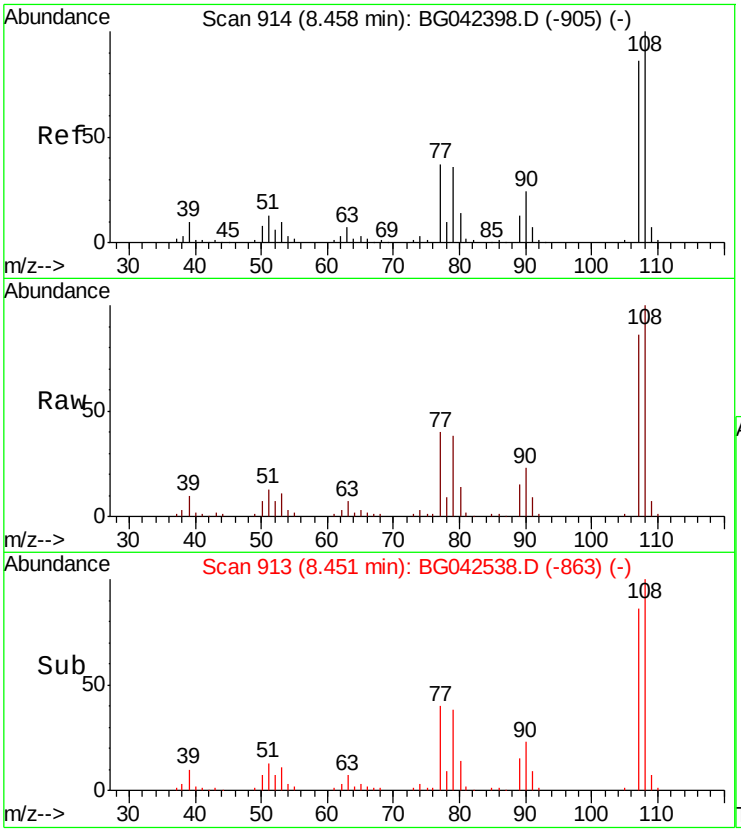




#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.470 ng
RT: 8.53 min Scan# 927
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion: 45 Resp: 74140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 14.7 | 0.0 | 35.6 |
| 79 | 13.1 | 0.0 | 31.6 |



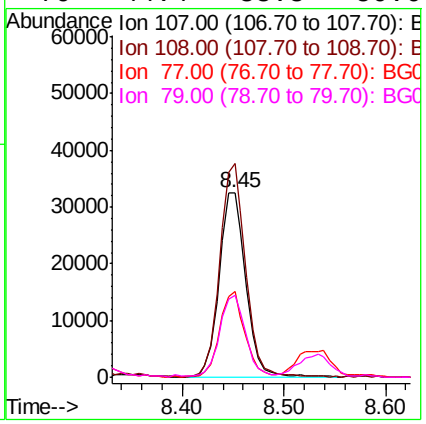


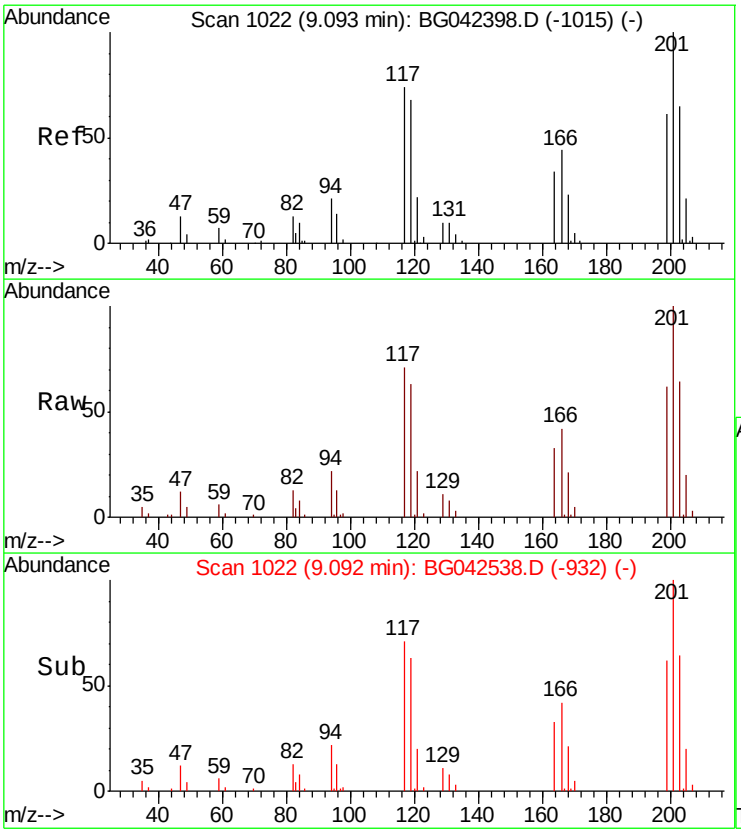

#17
2-Methylphenol
Concen: 35.288 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:107 Resp: 59414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 115.6 | 92.9 | 139.3 |
| 77 | 46.6 | 34.4 | 51.6 |
| 79 | 44.4 | 33.8 | 50.6 |

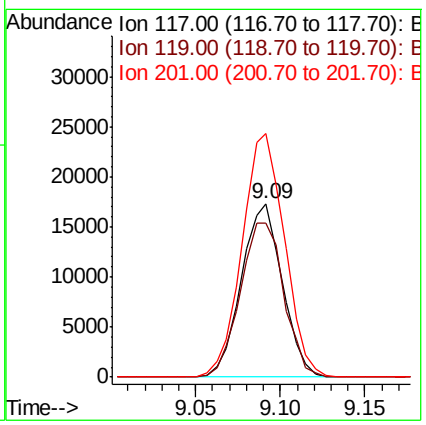


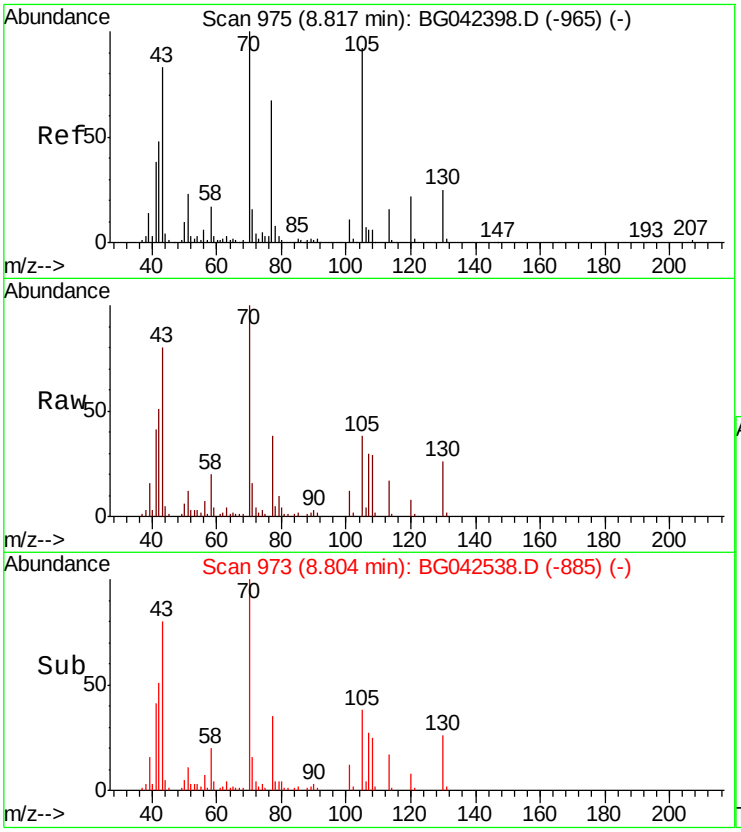




#18
Hexachloroethane
Concen: 32.756 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:117 Resp: 29147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 88.6 | 73.8 | 110.8 |
| 201 | 140.3 | 108.3 | 162.5 |



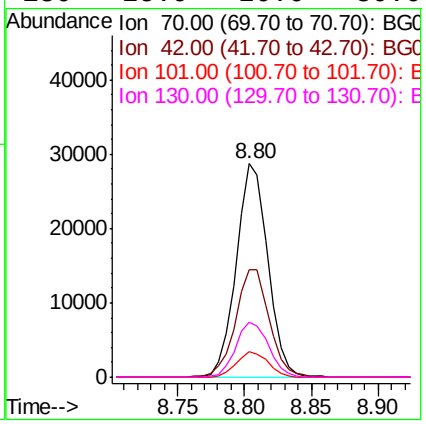


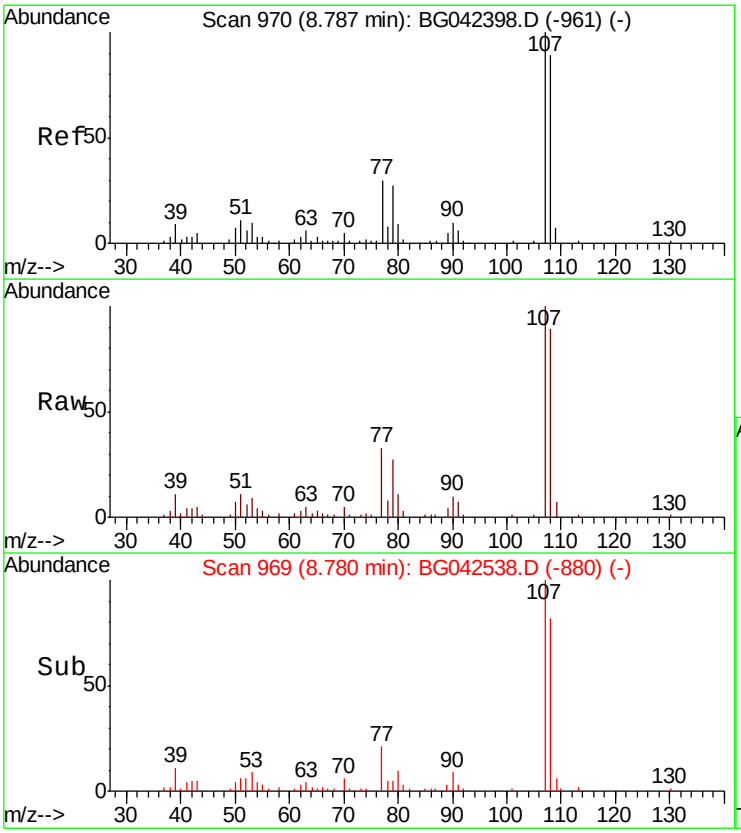

#19
n-Nitroso-di-n-propylamine
Concen: 32.226 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion: 70 Resp: 46938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 50.6 | 38.8 | 58.2 |
| 101 | 12.0 | 9.0 | 13.6 |
| 130 | 25.9 | 20.0 | 30.0 |

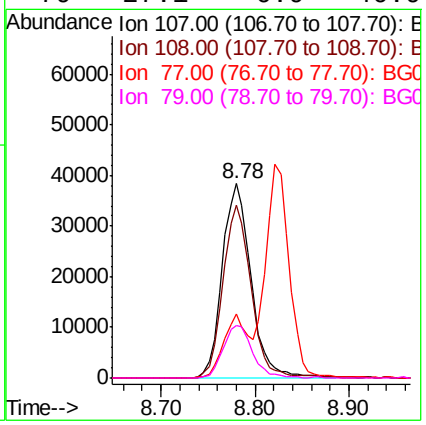


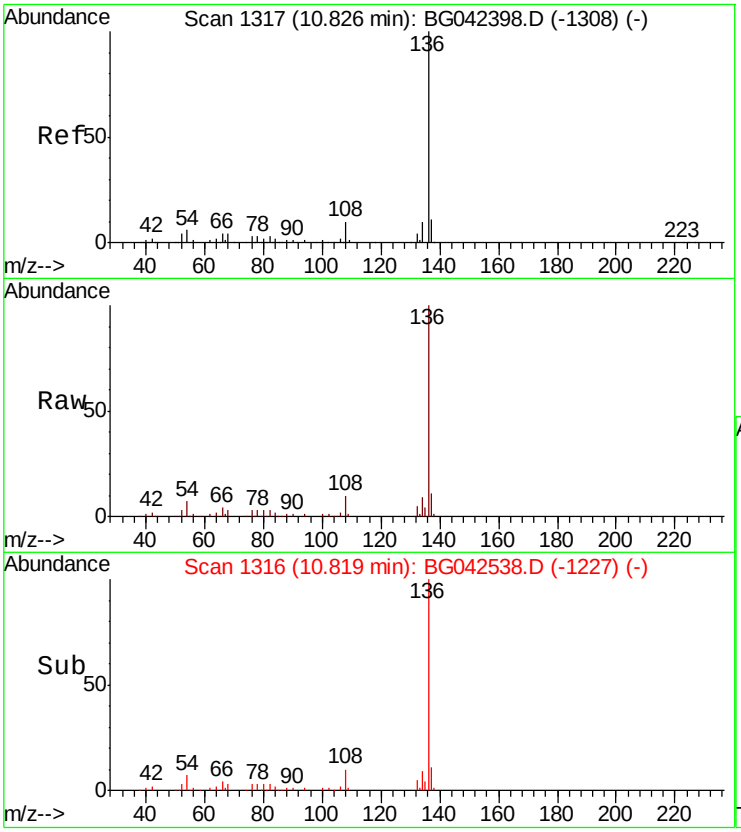




#20
3+4-Methylphenols
Concen: 35.023 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:107 Resp: 81596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.7 | 68.7 | 108.7 |
| 77 | 32.7 | 10.2 | 50.2 |
| 79 | 27.1 | 6.9 | 46.9 |



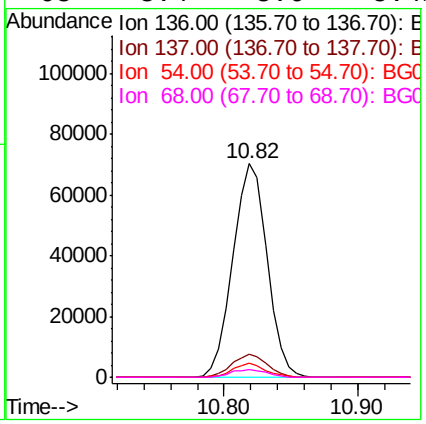


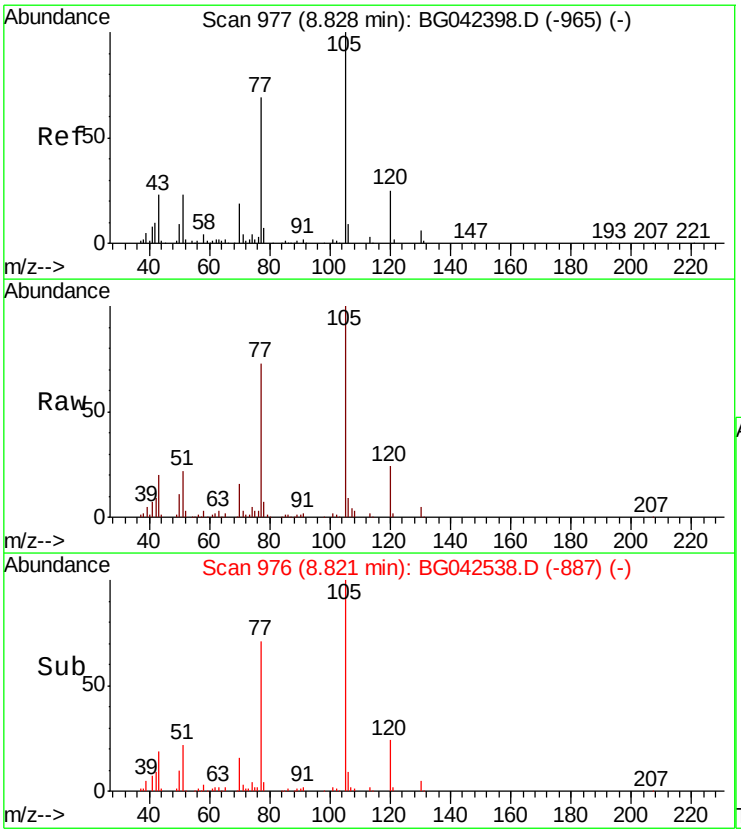

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:136 Resp: 124717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.7 | 13.1 |
| 54 | 6.8 | 4.9 | 7.3 |
| 68 | 3.4 | 3.6 | 5.4# |

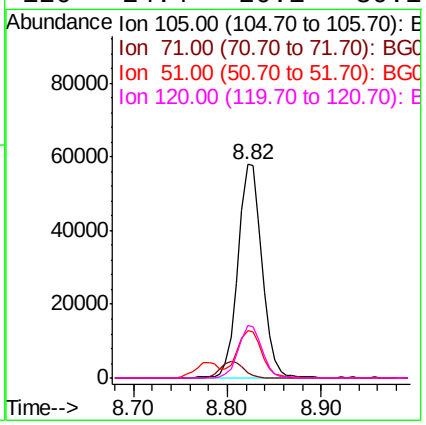


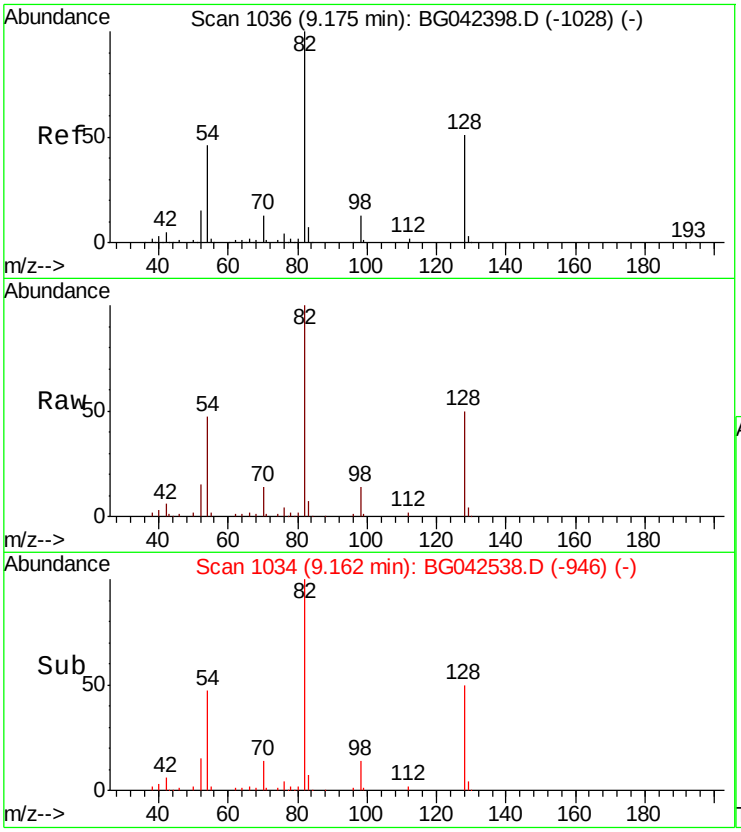




#22
Acetophenone
Concen: 38.666 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:105 Resp: 103141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 2.6 | 2.8 | 4.2# |
| 51 | 22.3 | 18.7 | 28.1 |
| 120 | 24.4 | 20.1 | 30.1 |



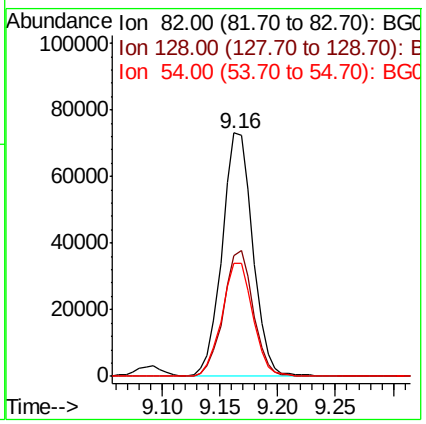


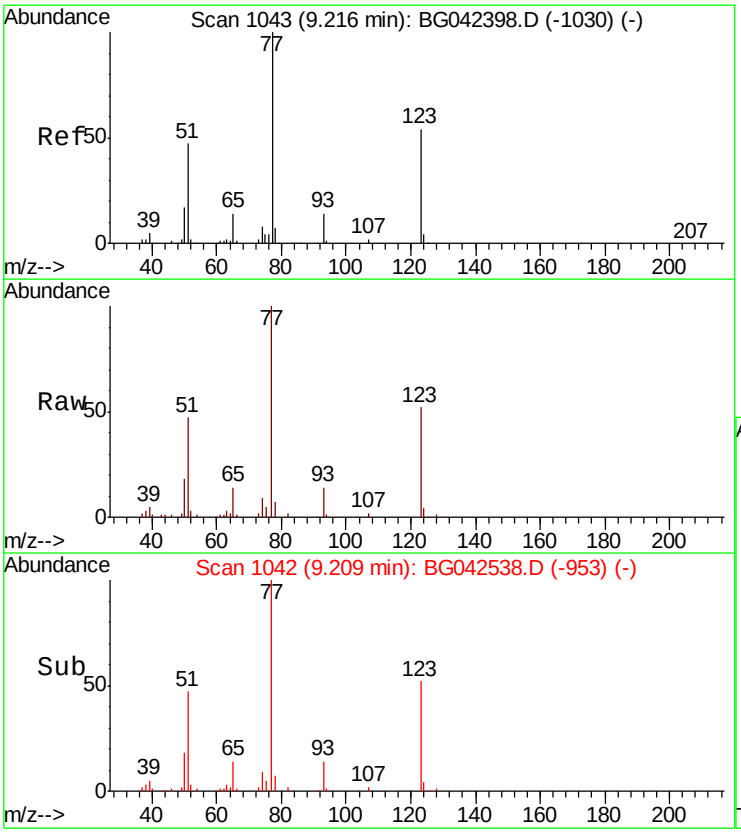

#23
Nitrobenzene-d5
Concen: 74.499 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion: 82 Resp: 134454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.6 | 40.7 | 61.1 |
| 54 | 46.6 | 36.3 | 54.5 |

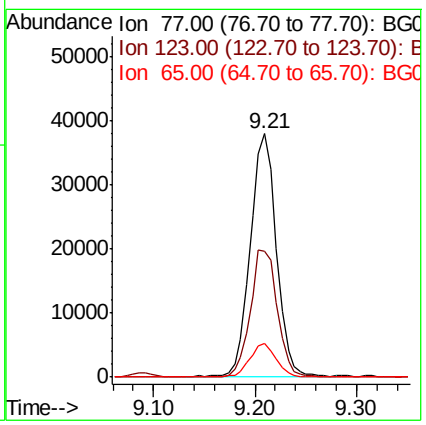


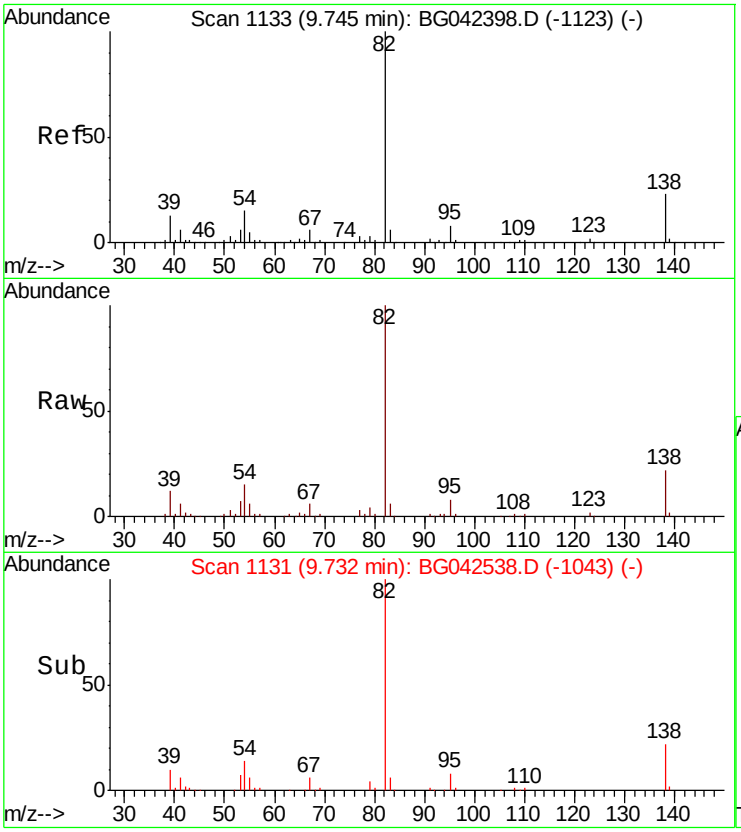




#24
Nitrobenzene
Concen: 37.274 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion: 77 Resp: 68122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 51.8 | 43.4 | 65.0 |
| 65 | 13.9 | 11.0 | 16.6 |



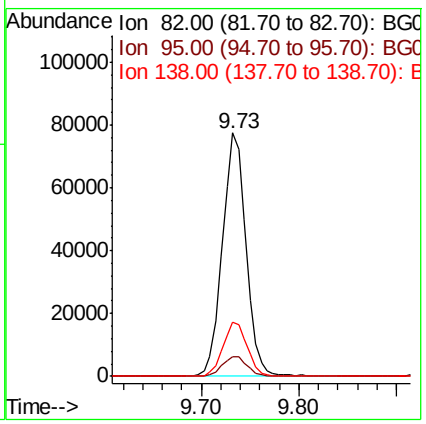


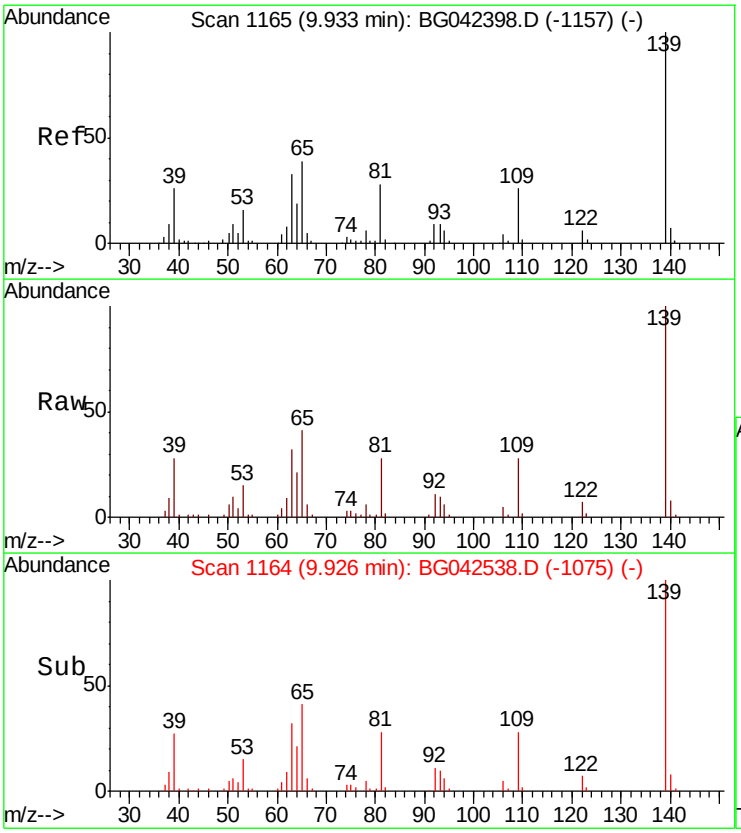

#25
Isophorone
Concen: 36.632 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion: 82 Resp: 130473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.1 | 6.6 | 9.8 |
| 138 | 22.3 | 18.6 | 27.8 |

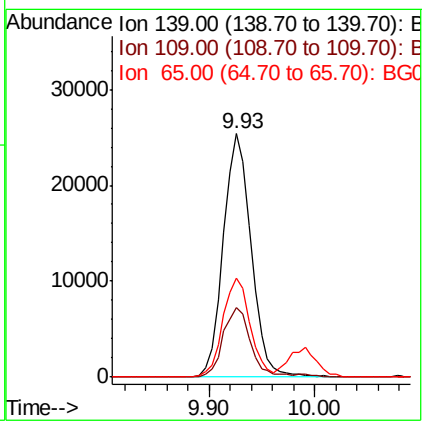


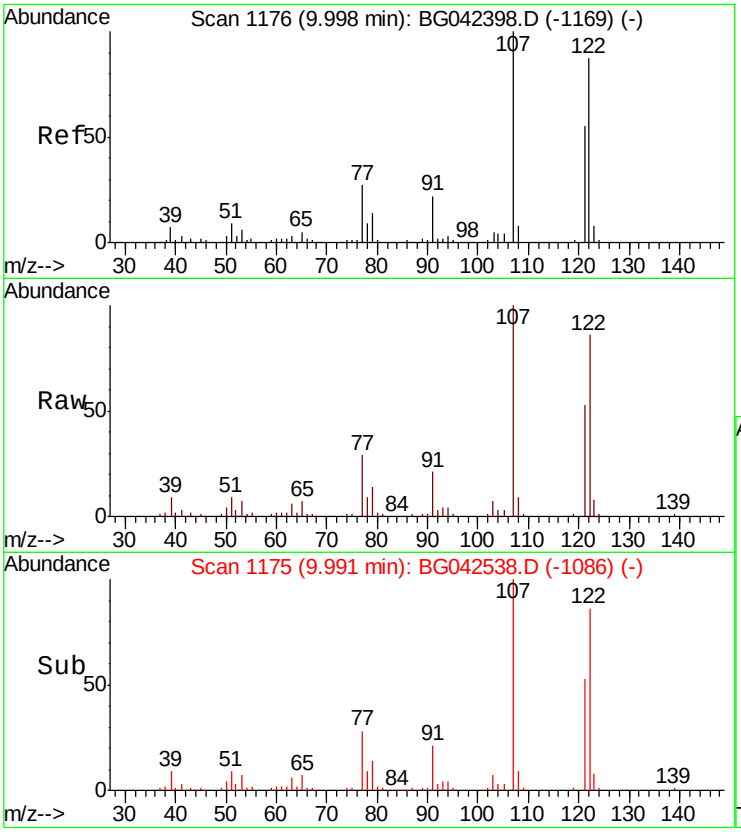




#26
2-Nitrophenol
Concen: 40.238 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:139 Resp: 46084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 28.5 | 20.5 | 30.7 |
| 65 | 40.9 | 30.9 | 46.3 |



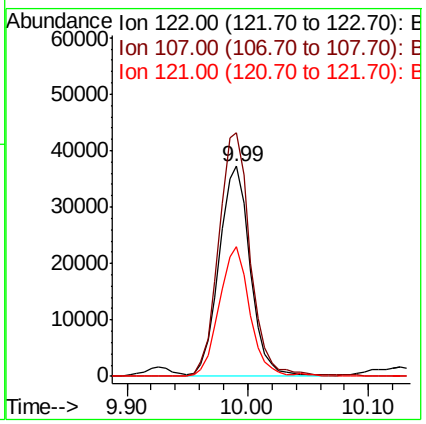


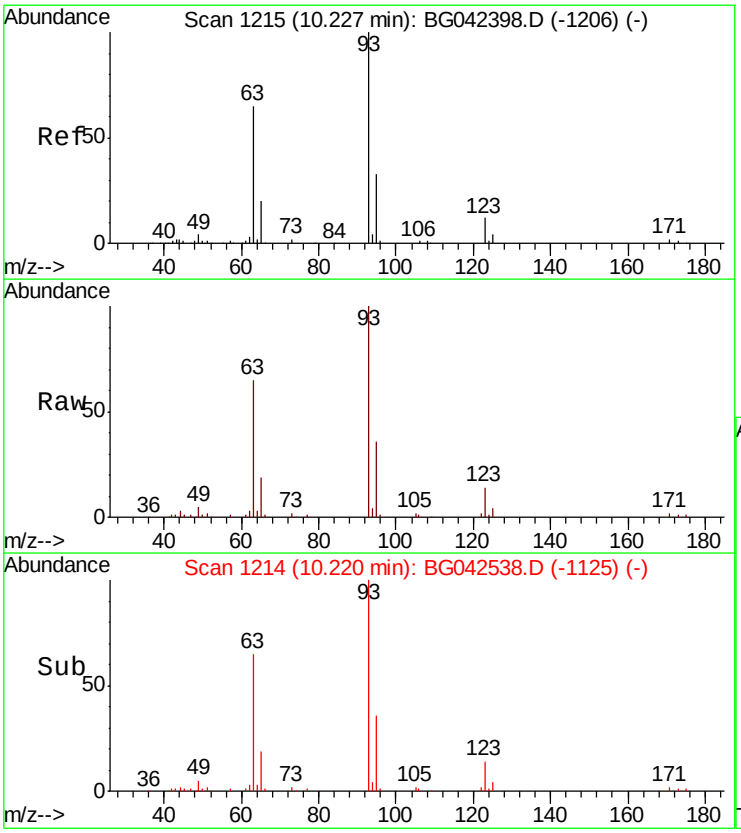

#27
2,4-Dimethylphenol
Concen: 42.318 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:122 Resp: 66762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 115.9 | 90.8 | 136.2 |
| 121 | 61.9 | 49.6 | 74.4 |

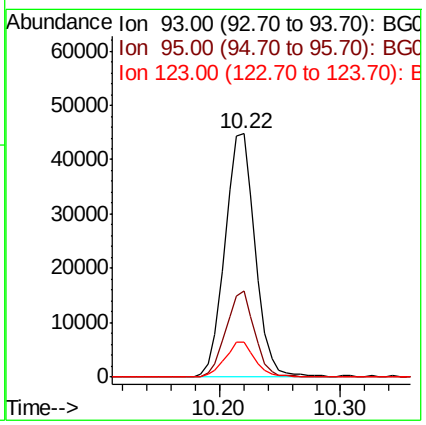


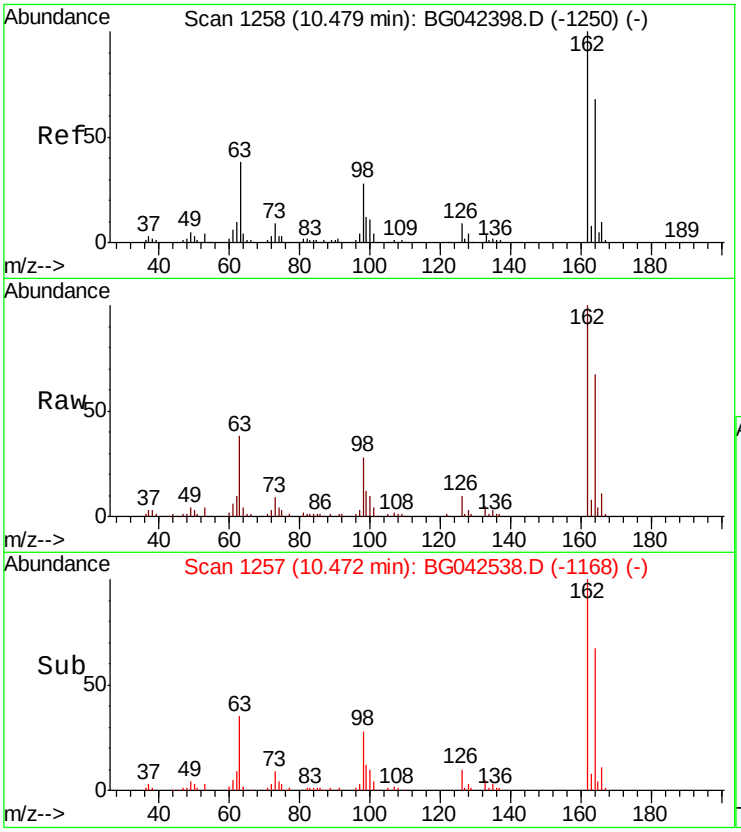




#28
bis(2-Chloroethoxy)methane
Concen: 34.646 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion: 93 Resp: 77776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 35.6 | 26.6 | 40.0 |
| 123 | 14.1 | 10.1 | 15.1 |



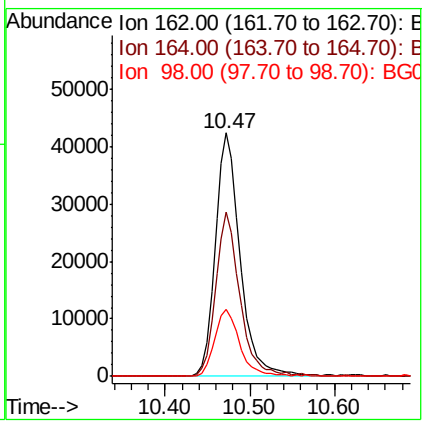


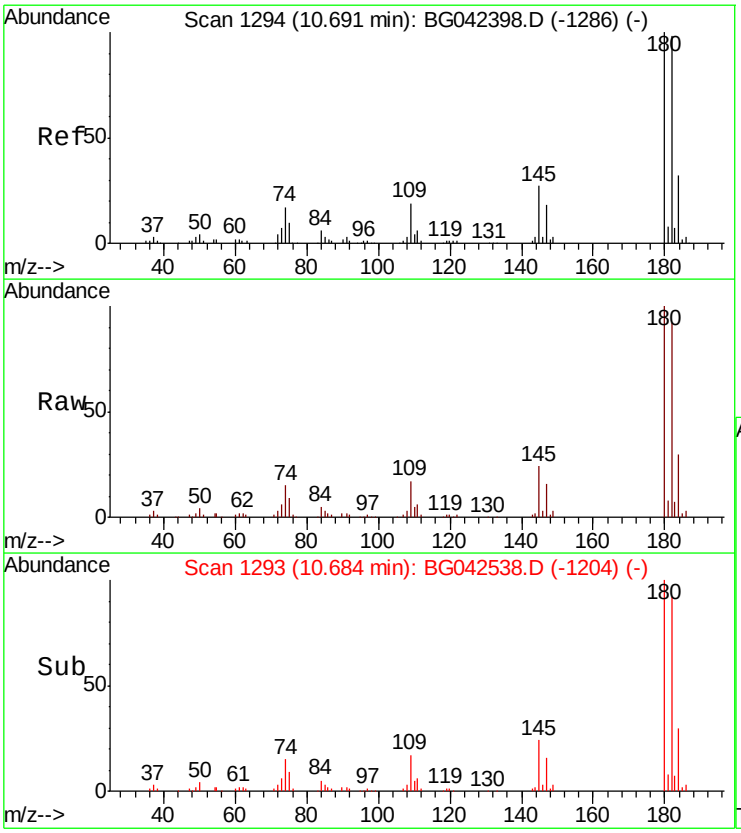

#29
2,4-Dichlorophenol
Concen: 41.973 ng
RT: 10.47 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:162 Resp: 86637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 67.5 | 48.1 | 88.1 |
| 98 | 27.7 | 7.6 | 47.6 |

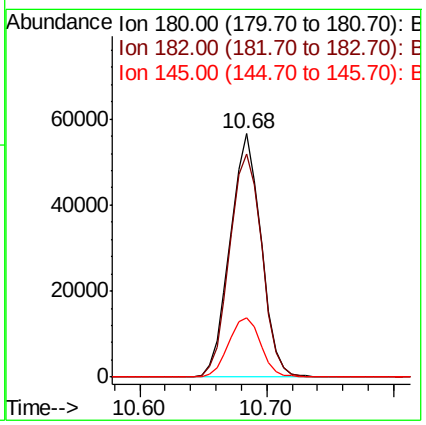


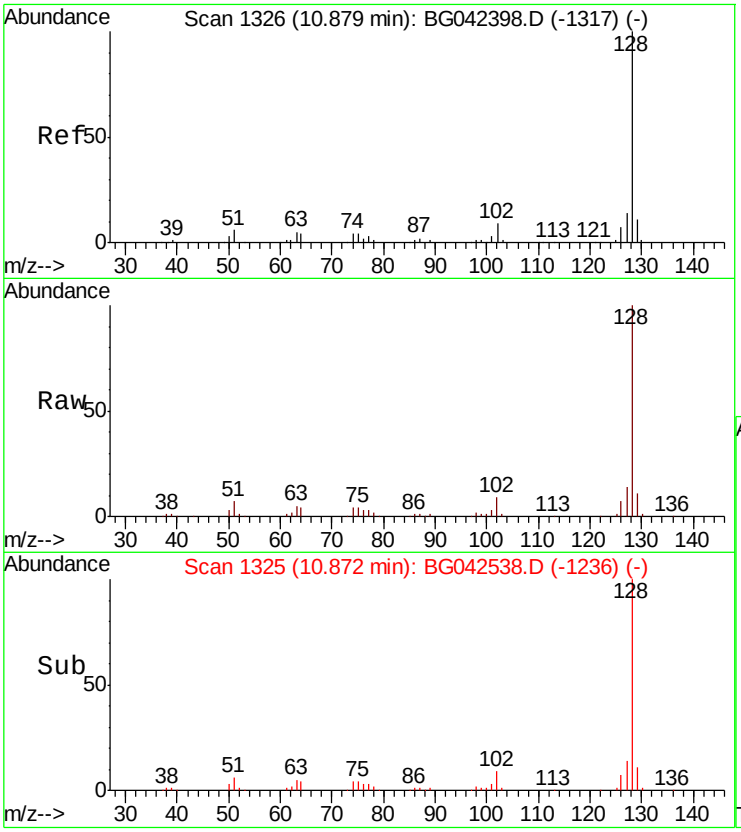




#30
1,2,4-Trichlorobenzene
Concen: 37.837 ng
RT: 10.68 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:180 Resp: 95863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 91.6 | 78.7 | 118.1 |
| 145 | 24.2 | 21.6 | 32.4 |



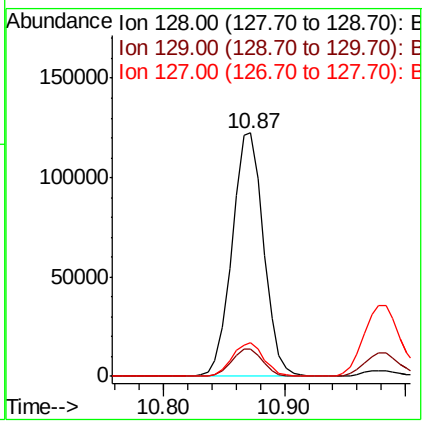


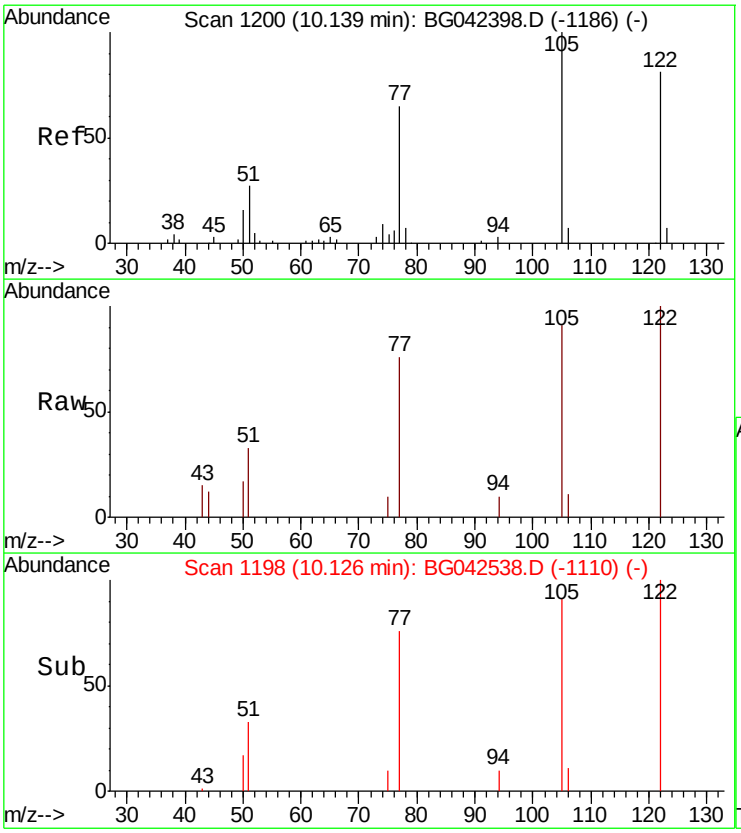

#31
Naphthalene
Concen: 38.513 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:128 Resp: 223003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 8.8 | 13.2 |
| 127 | 14.0 | 11.4 | 17.0 |

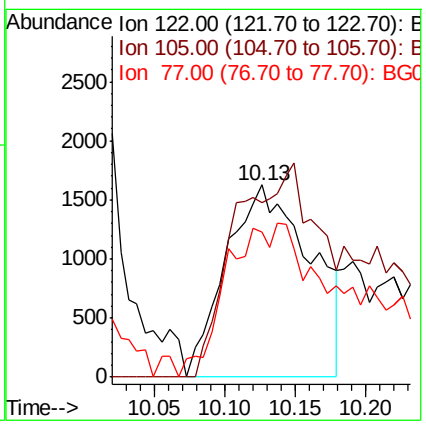


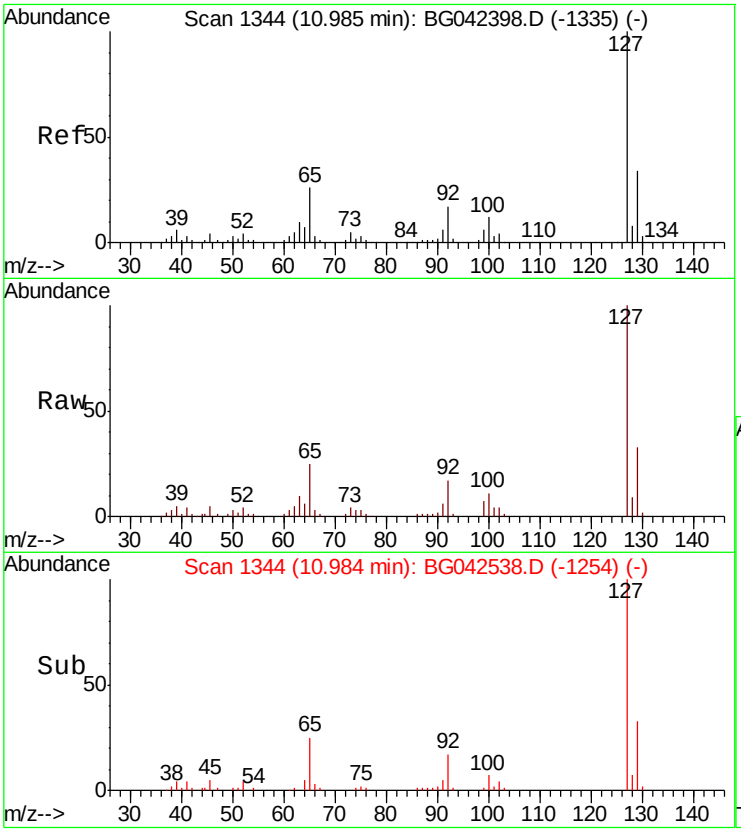




#32
Benzoic acid
Concen: 13.069 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:122 Resp: 6760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 90.8 | 99.6 | 139.6# |
| 77 | 75.6 | 59.5 | 99.5 |



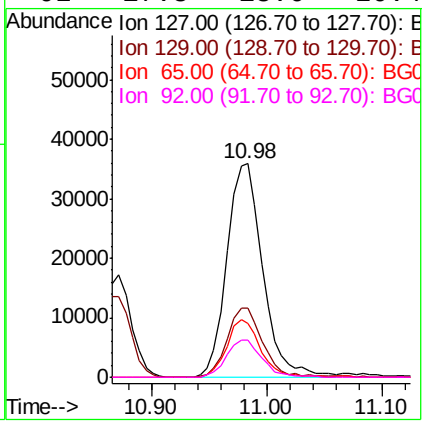


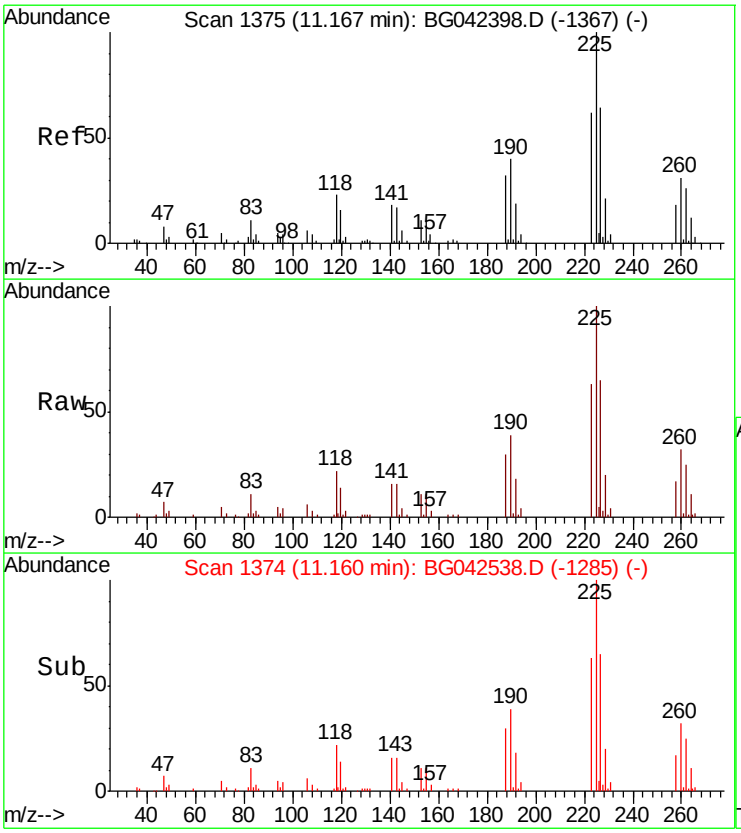

#33
4-Chloroaniline
Concen: 28.986 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:127 Resp: 77480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.7 | 26.8 | 40.2 |
| 65 | 25.3 | 20.7 | 31.1 |
| 92 | 17.3 | 13.6 | 20.4 |

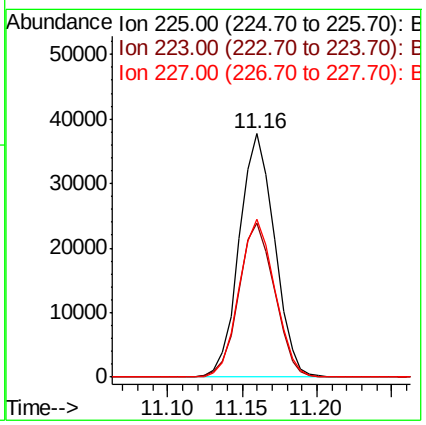


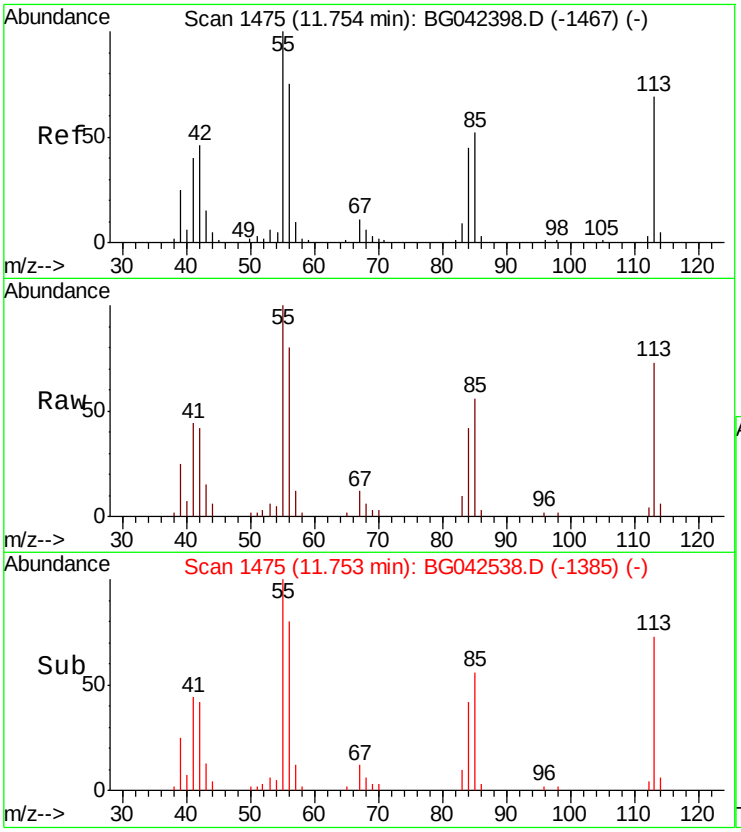




#34
Hexachlorobutadiene
Concen: 36.266 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:225 Resp: 61751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.4 | 49.8 | 74.6 |
| 227 | 65.0 | 50.9 | 76.3 |



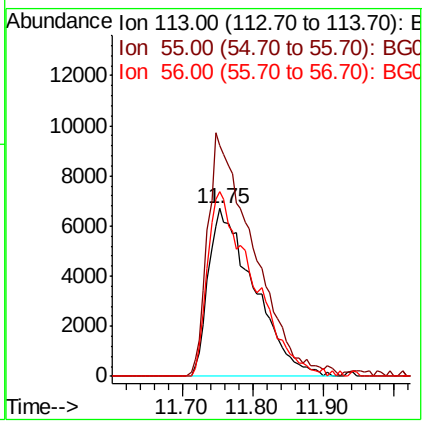


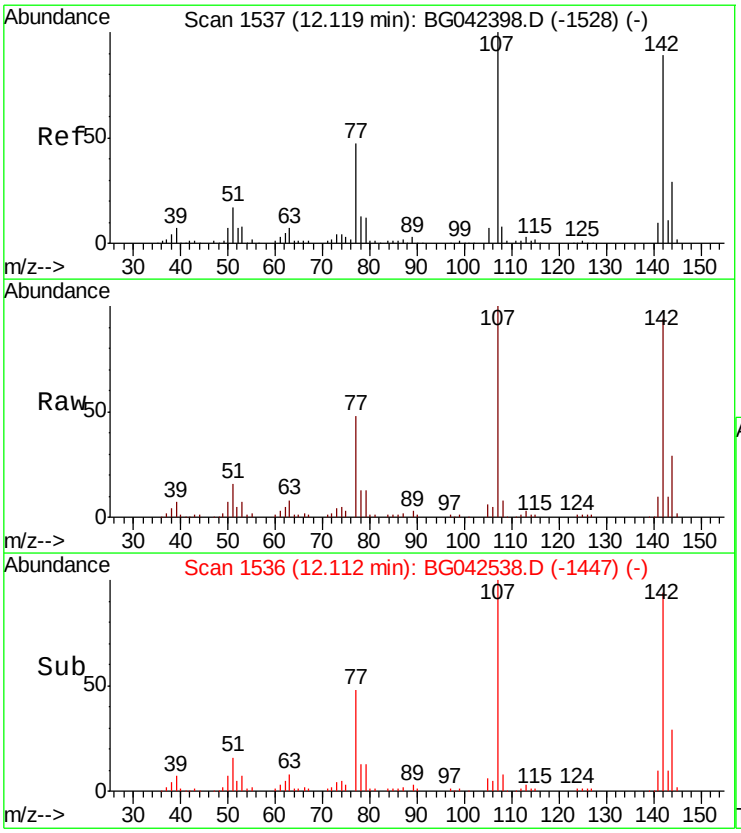

#35
Caprolactam
Concen: 43.880 ng
RT: 11.75 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:113 Resp: 30222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 137.5 | 124.6 | 164.6 |
| 56 | 110.3 | 88.3 | 128.3 |

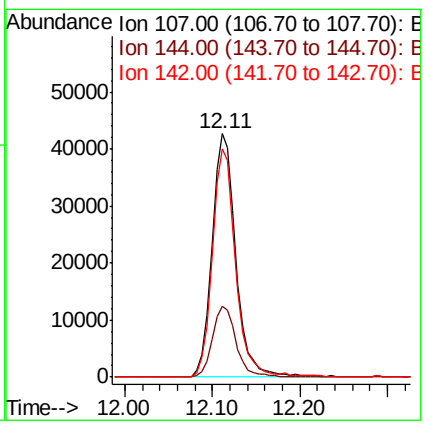


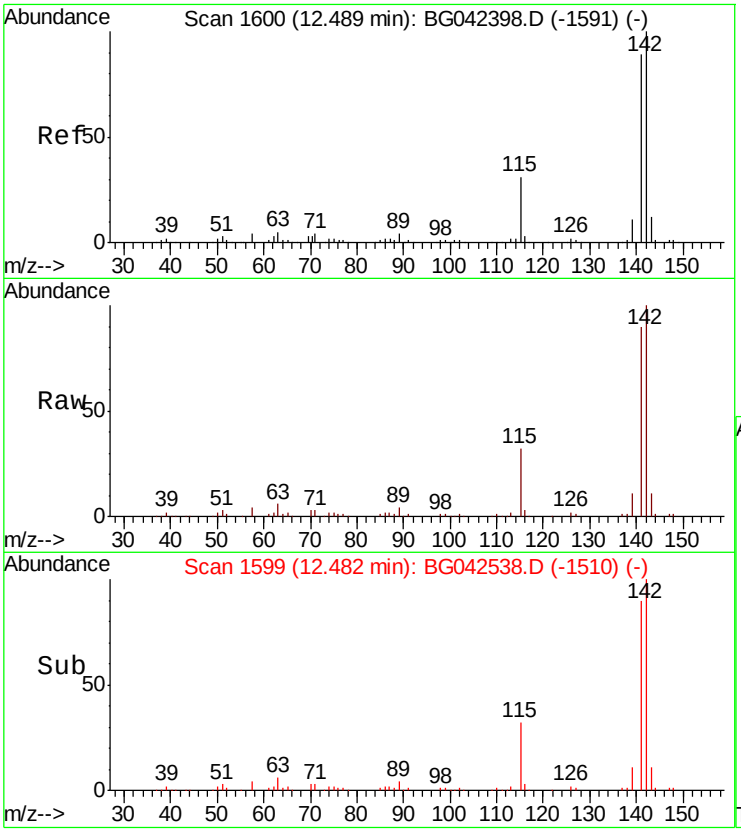




#36
4-Chloro-3-methylphenol
Concen: 40.901 ng
RT: 12.11 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:107 Resp: 80142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 29.0 | 23.6 | 35.4 |
| 142 | 93.5 | 71.0 | 106.4 |



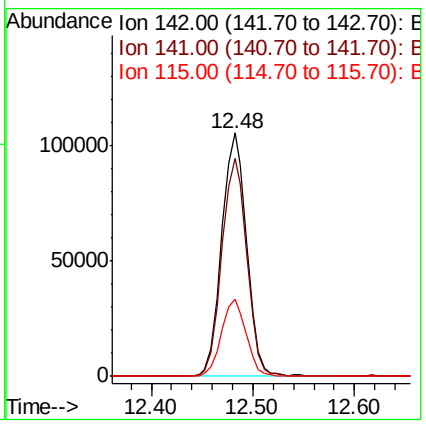


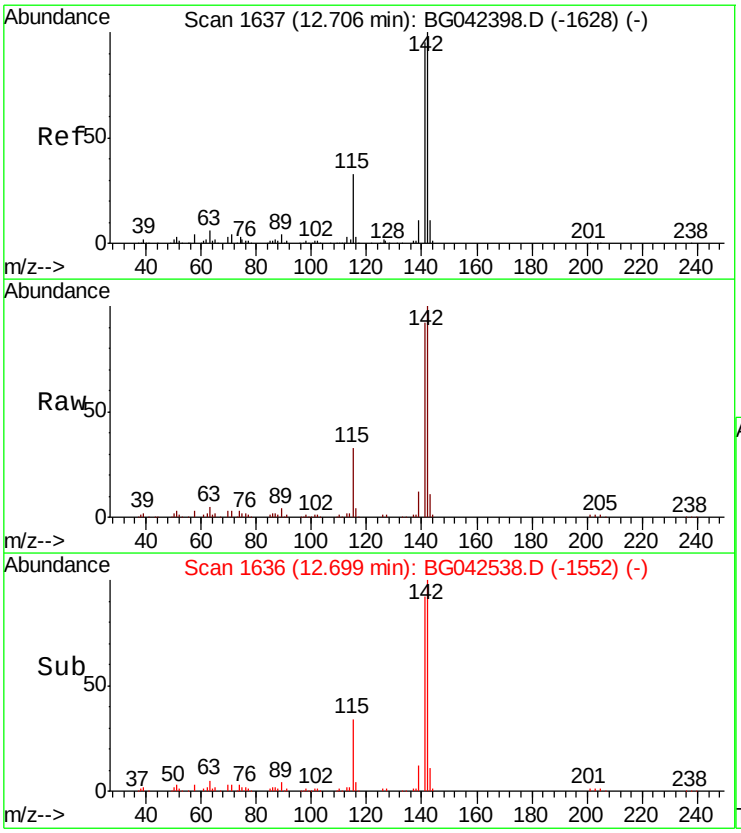

#37
2-Methylnaphthalene
Concen: 38.766 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:142 Resp: 180236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.7 | 71.4 | 107.2 |
| 115 | 31.8 | 25.2 | 37.8 |

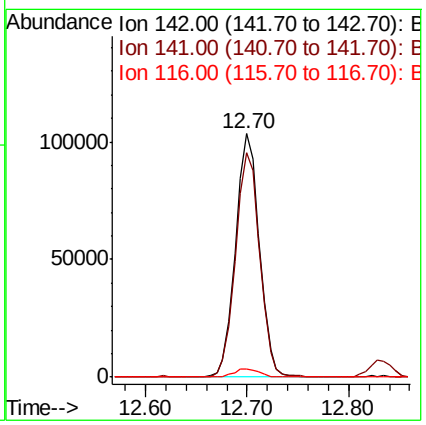


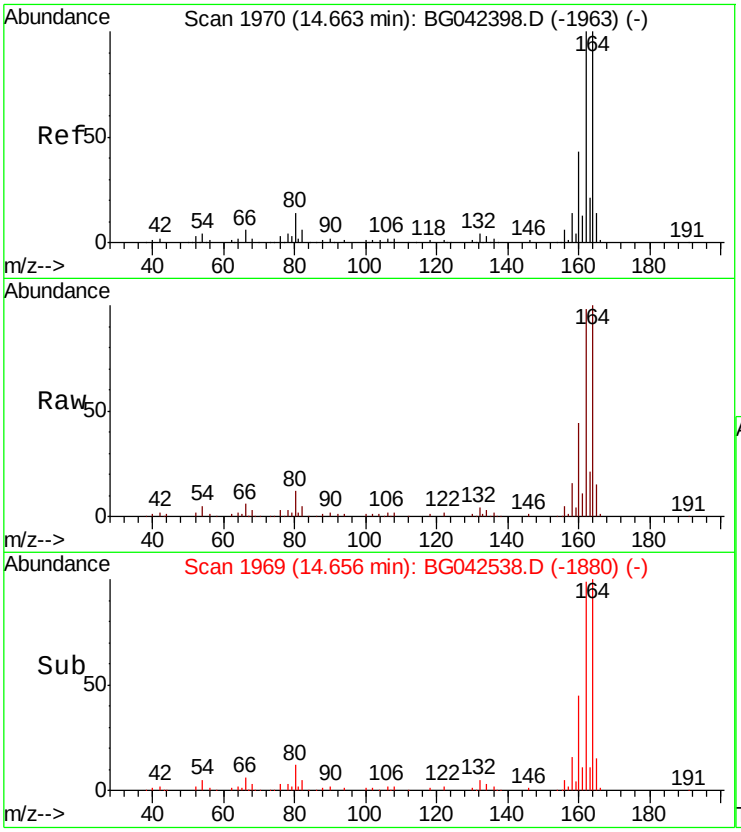




#38
1-Methylnaphthalene
Concen: 38.224 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:142 Resp: 168808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.1 | 76.2 | 114.2 |
| 116 | 3.5 | 2.8 | 4.2 |



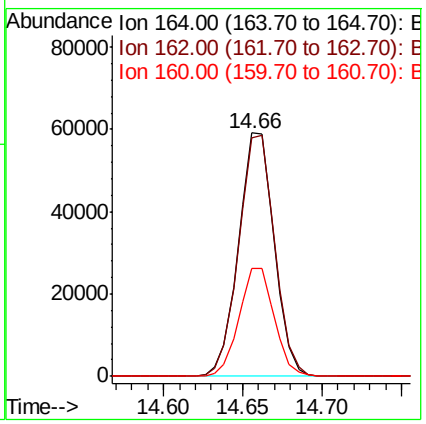


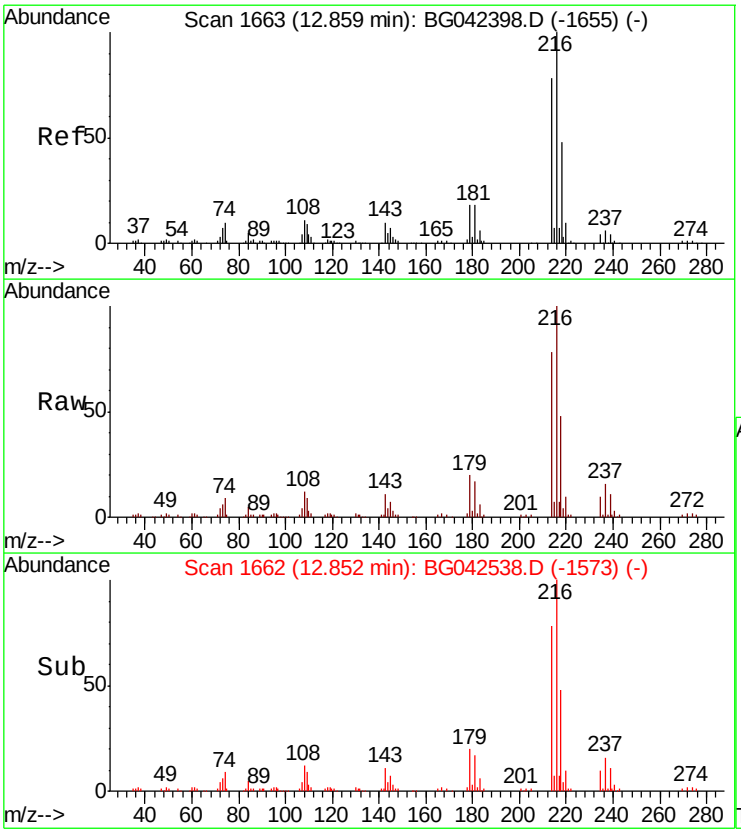

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:164 Resp: 92232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 97.8 | 79.9 | 119.9 |
| 160 | 44.2 | 34.3 | 51.5 |

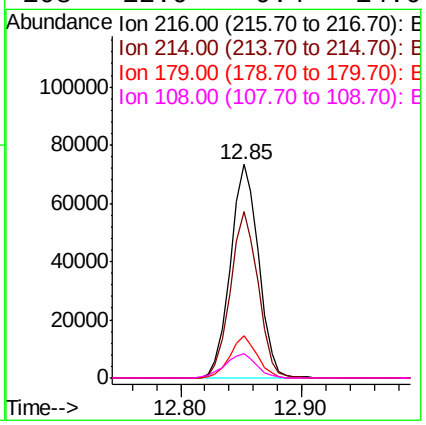


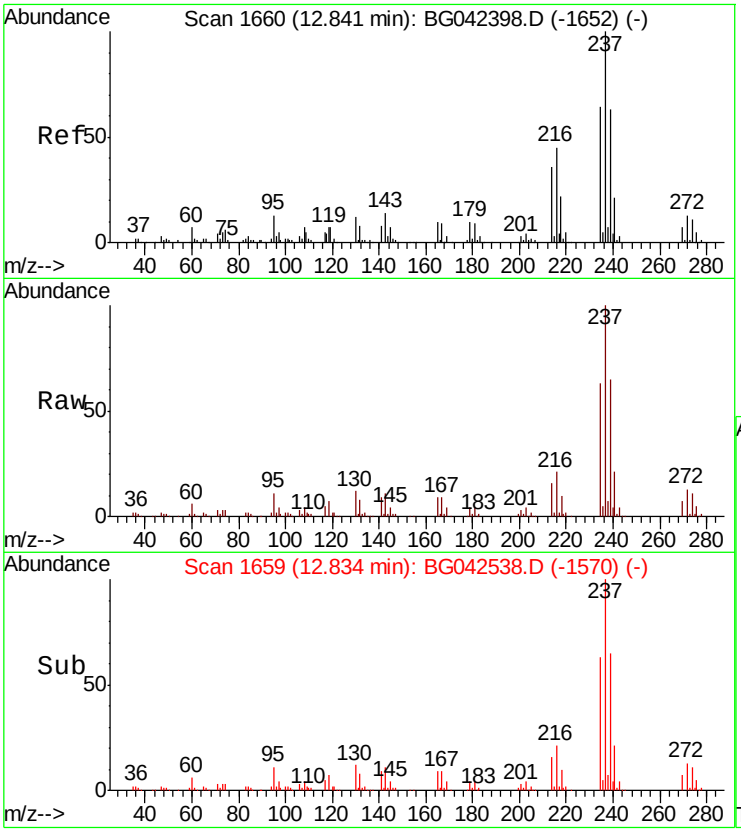




#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.205 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:216 Resp: 119083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 76.4 | 61.4 | 92.2 |
| 179 | 18.7 | 15.1 | 22.7 |
| 108 | 12.9 | 9.4 | 14.0 |



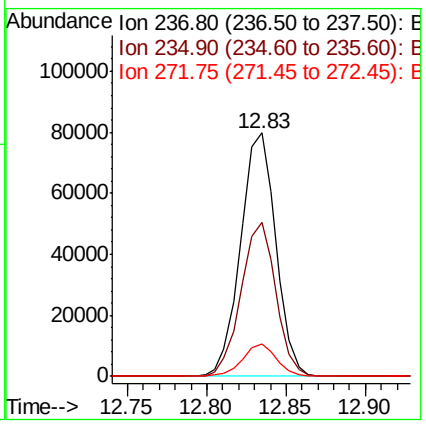


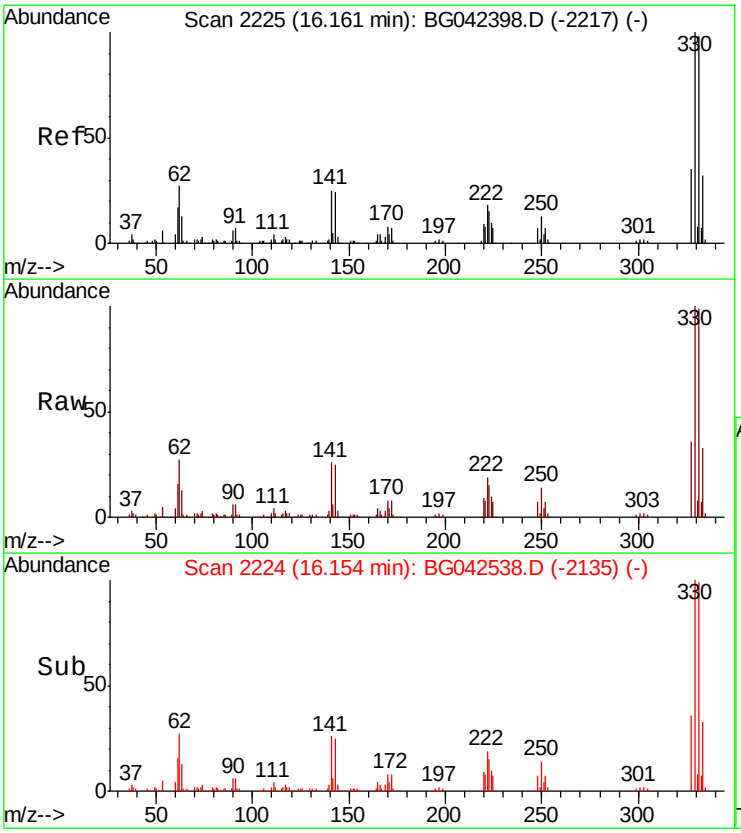

#41
Hexachlorocyclopentadiene
Concen: 78.852 ng
RT: 12.83 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:237 Resp: 122682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.4 | 43.7 | 83.7 |
| 272 | 13.4 | 0.0 | 33.3 |

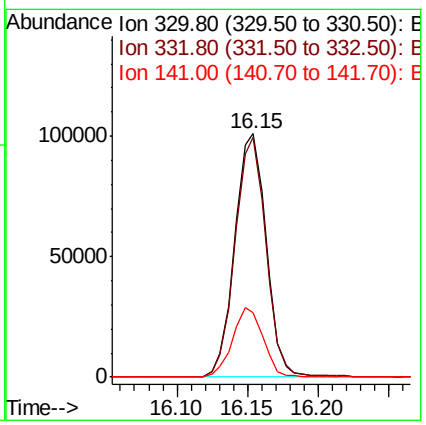


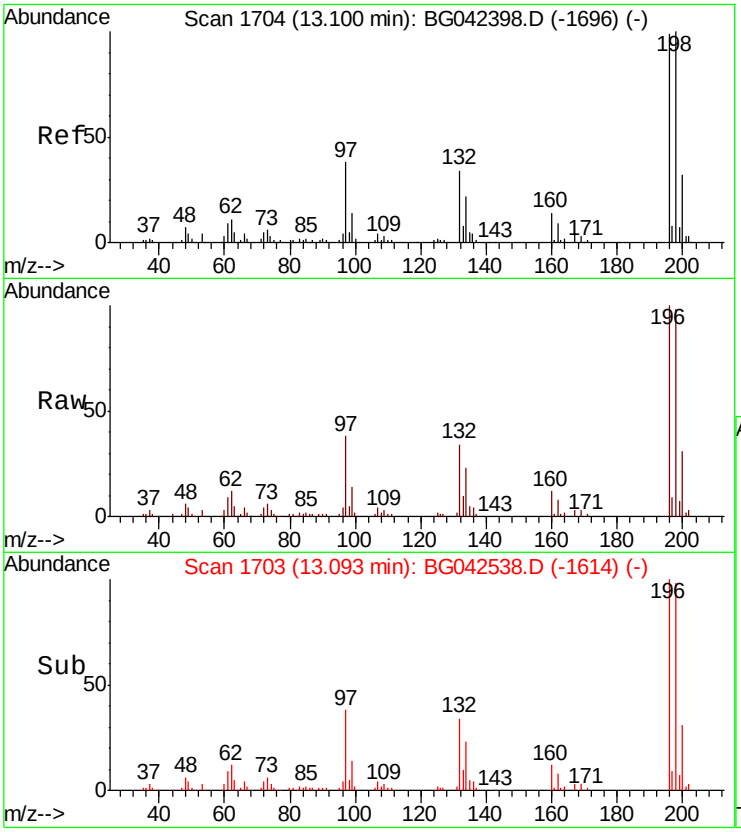




#42
2,4,6-Tribromophenol
Concen: 120.183 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:330 Resp: 157551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.1 | 77.4 | 116.0 |
| 141 | 27.6 | 21.4 | 32.0 |



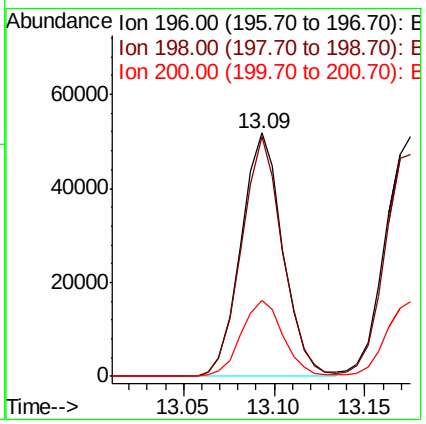


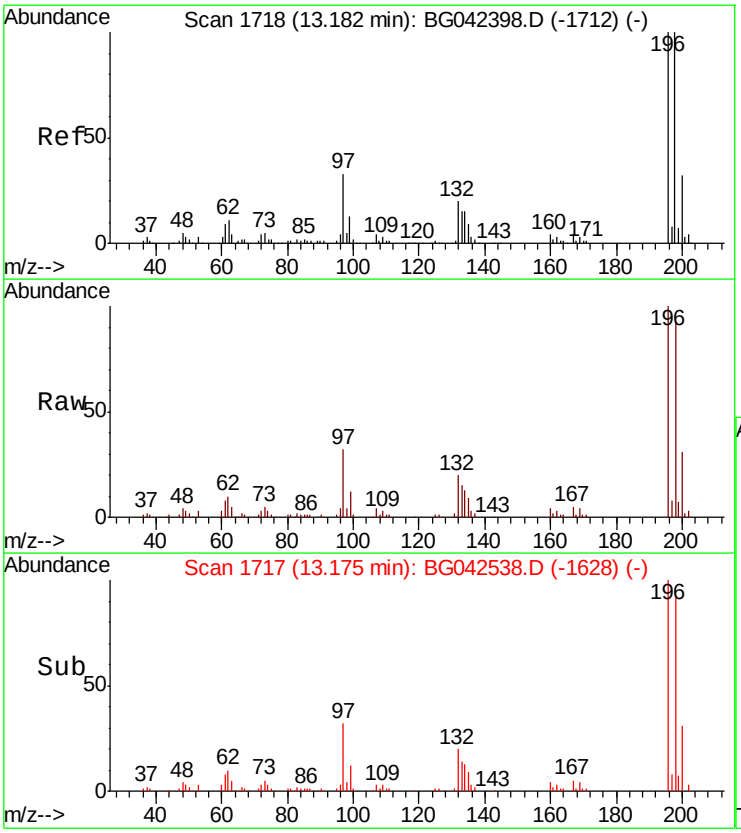

#43
2,4,6-Trichlorophenol
Concen: 41.470 ng
RT: 13.09 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:196 Resp: 83024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 98.3 | 80.7 | 121.1 |
| 200 | 31.3 | 25.7 | 38.5 |

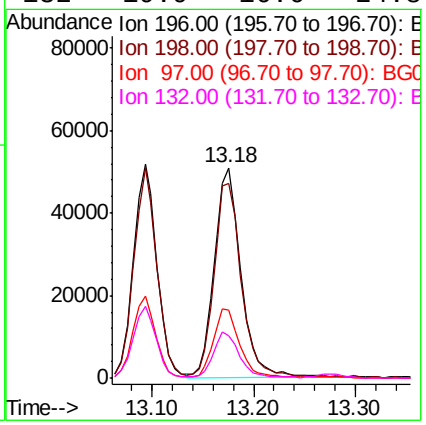


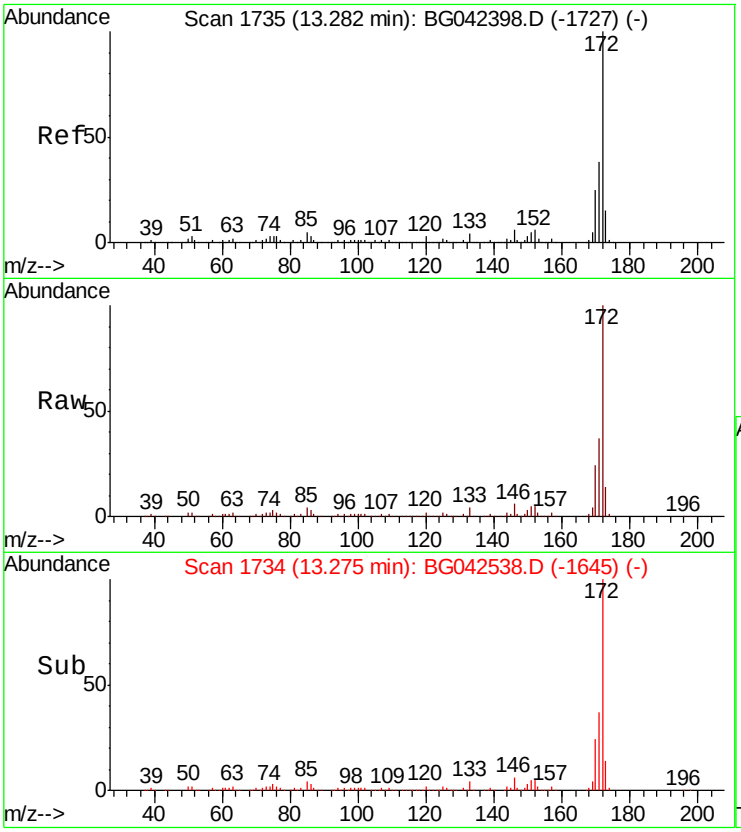




#44
2,4,5-Trichlorophenol
Concen: 44.633 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:196 Resp: 92599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 92.8 | 80.2 | 120.4 |
| 97 | 32.4 | 26.3 | 39.5 |
| 132 | 19.9 | 16.6 | 24.8 |



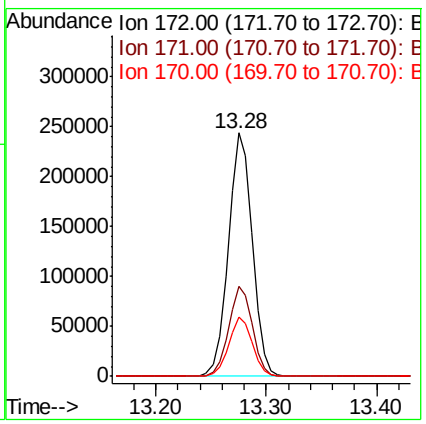


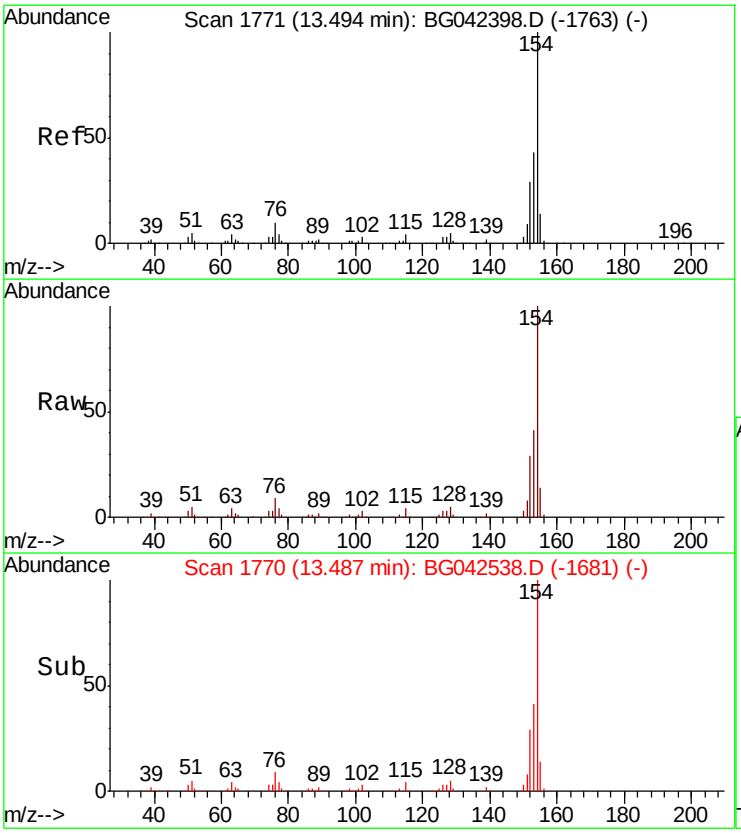

#45
2-Fluorobiphenyl
Concen: 67.856 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:172 Resp: 370042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.8 | 30.5 | 45.7 |
| 170 | 24.1 | 20.2 | 30.2 |

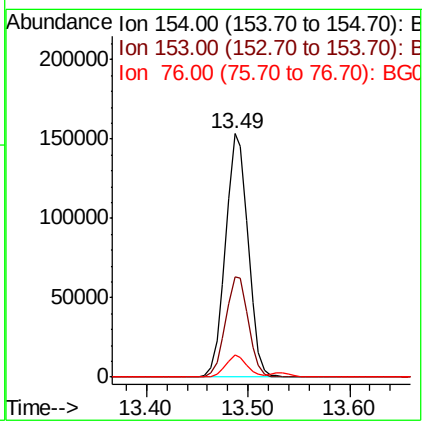


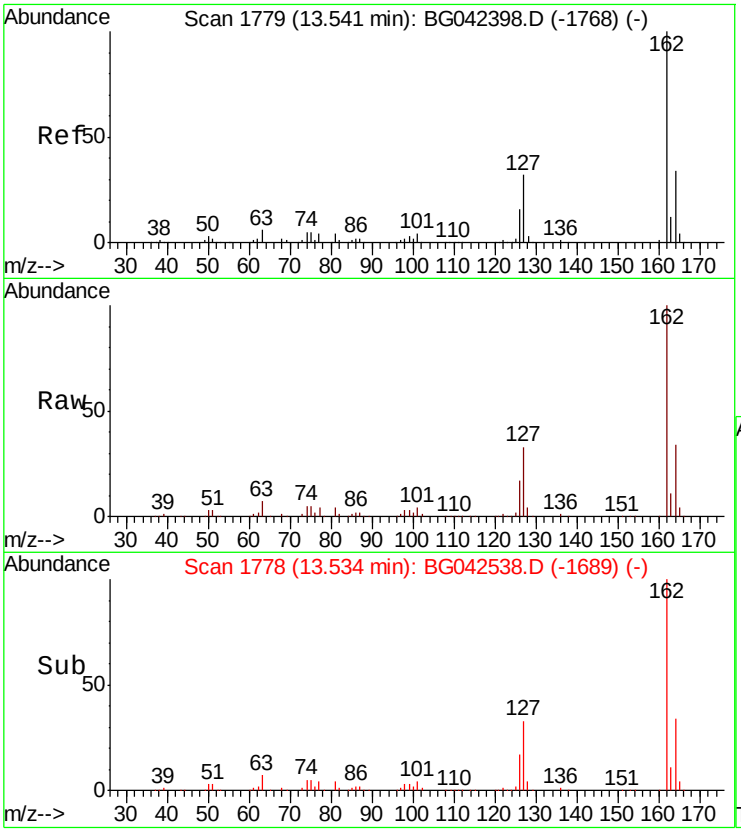




#46
1,1'-Biphenyl
Concen: 39.664 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:154 Resp: 236476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.3 | 23.0 | 63.0 |
| 76 | 9.0 | 0.0 | 29.6 |



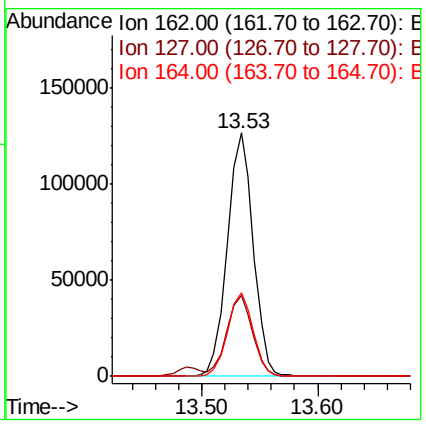


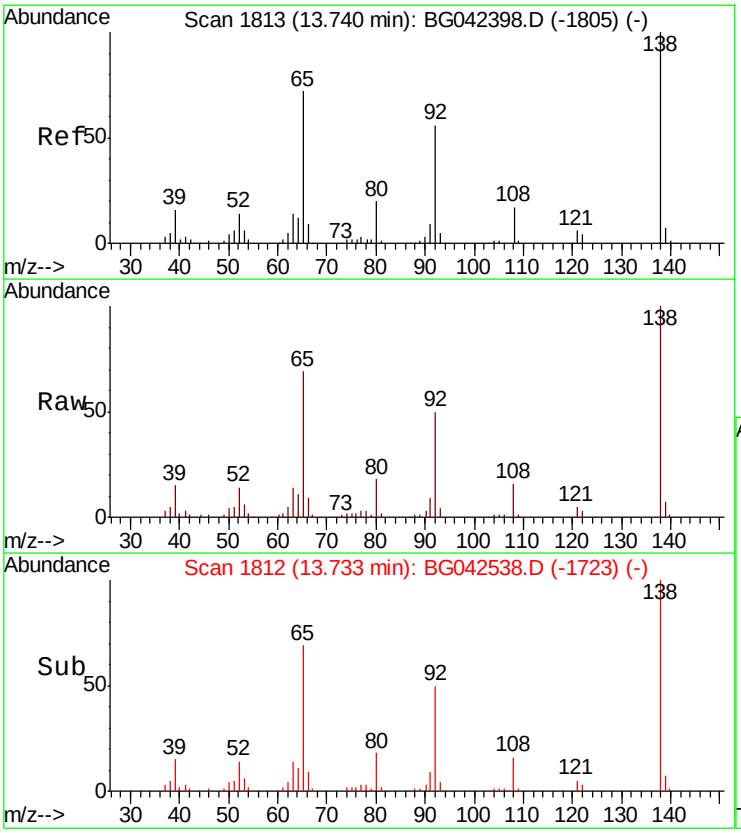

#47
2-Chloronaphthalene
Concen: 38.209 ng
RT: 13.53 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:162 Resp: 196422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 33.4 | 26.0 | 39.0 |
| 164 | 34.2 | 27.4 | 41.0 |

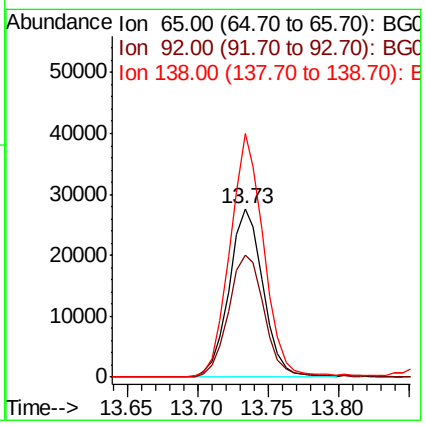


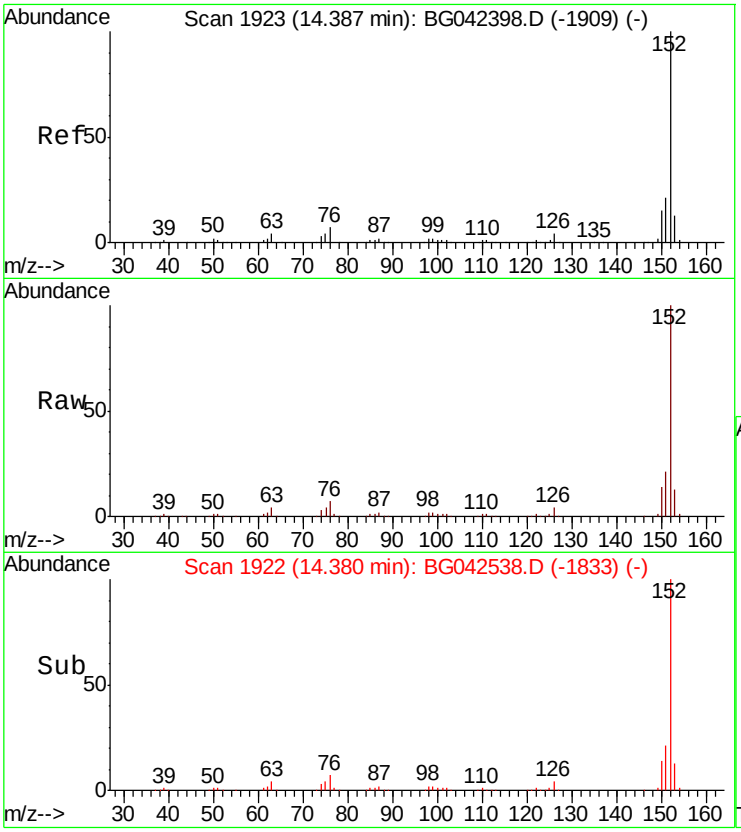




#48
2-Nitroaniline
Concen: 37.578 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion: 65 Resp: 46584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 72.8 | 61.8 | 92.6 |
| 138 | 144.5 | 111.0 | 166.6 |



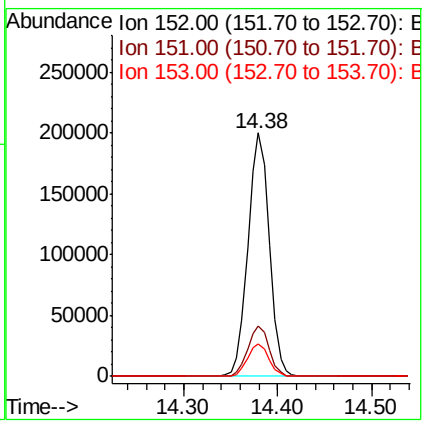


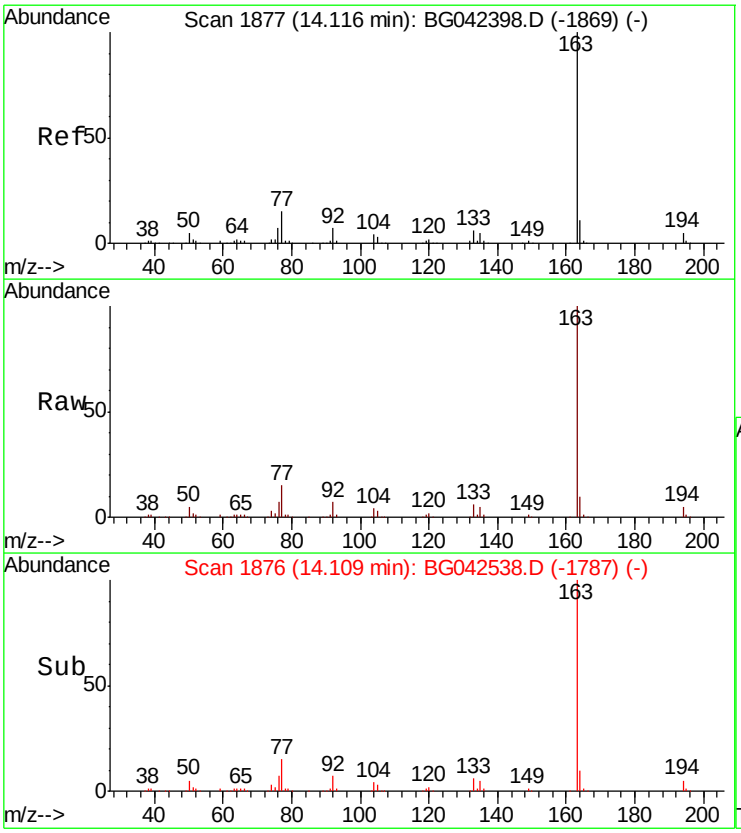

#49
Acenaphthylene
Concen: 40.584 ng
RT: 14.38 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:152 Resp: 313877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.8 | 17.0 | 25.4 |
| 153 | 13.4 | 10.6 | 16.0 |

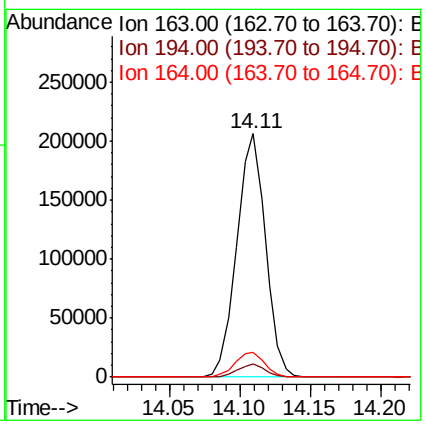


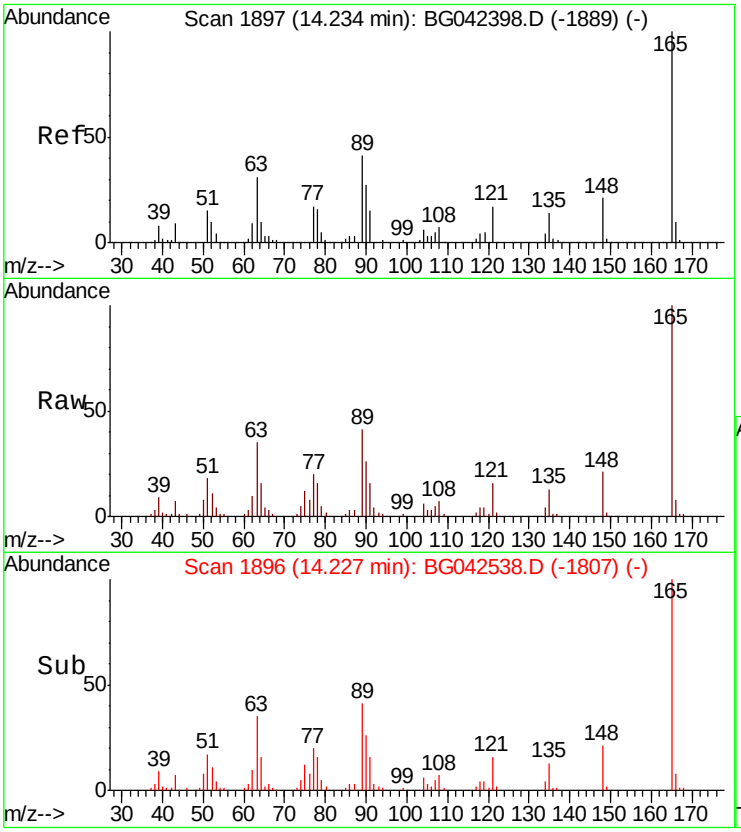




#50
Dimethylphthalate
Concen: 44.126 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:163 Resp: 293655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 5.2 | 4.2 | 6.2 |
| 164 | 10.4 | 8.8 | 13.2 |



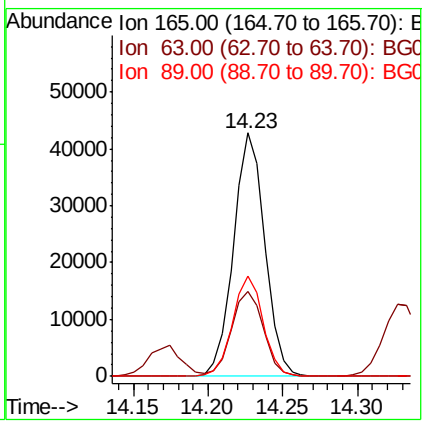


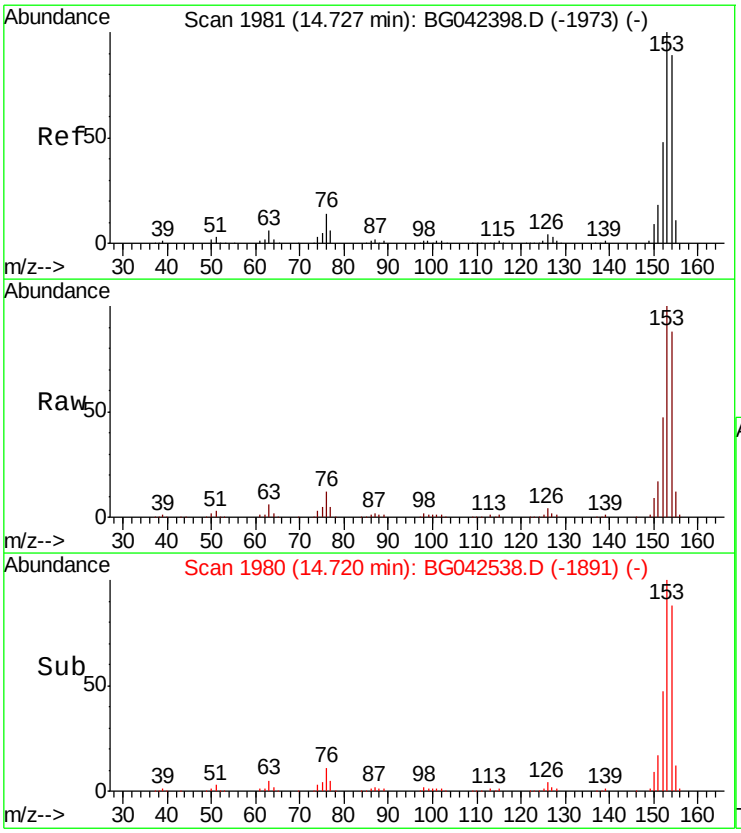

#51
2,6-Dinitrotoluene
Concen: 40.507 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:165 Resp: 62484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 34.9 | 30.6 | 45.8 |
| 89 | 41.1 | 32.6 | 49.0 |

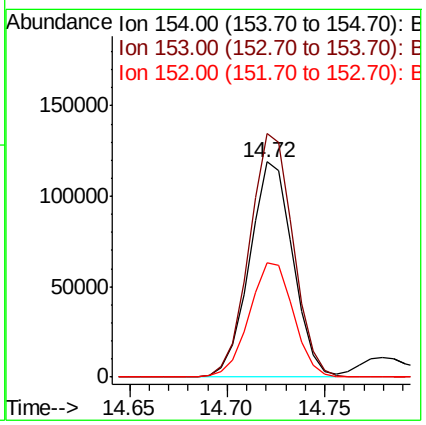


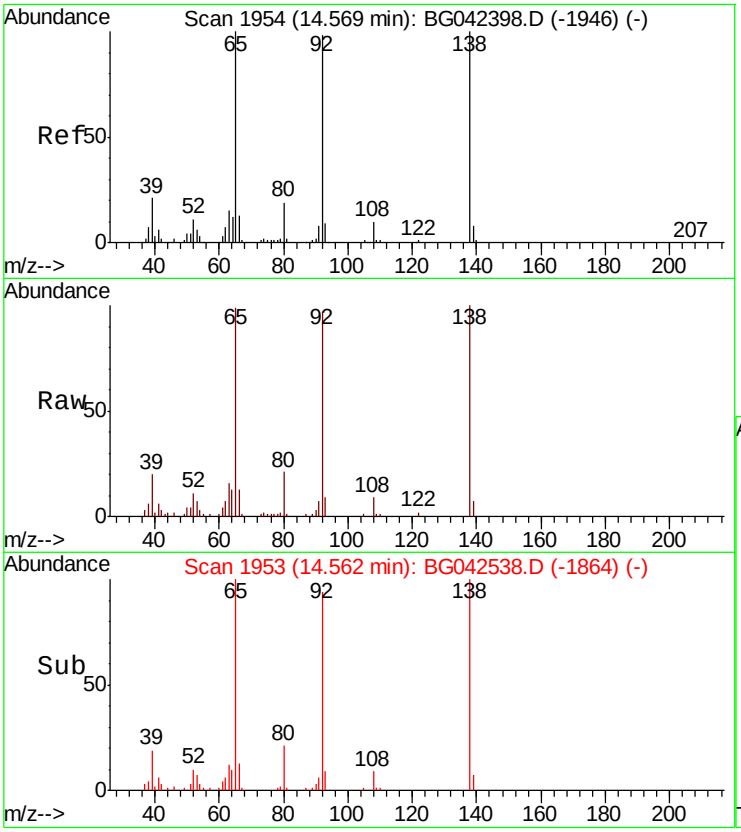




#52
Acenaphthene
Concen: 38.925 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:154 Resp: 182805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.1 | 90.2 | 135.4 |
| 152 | 52.9 | 43.2 | 64.8 |



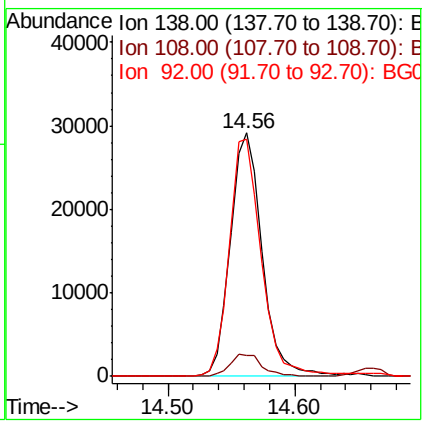


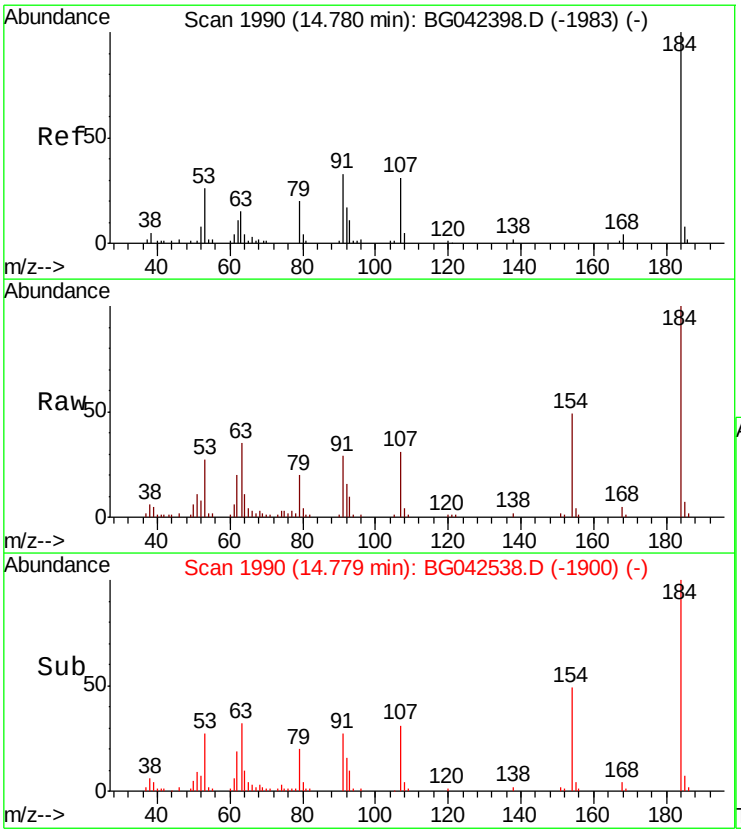

#53
3-Nitroaniline
Concen: 32.595 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:138 Resp: 50285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 8.7 | 8.3 | 12.5 |
| 92 | 97.4 | 78.2 | 117.4 |

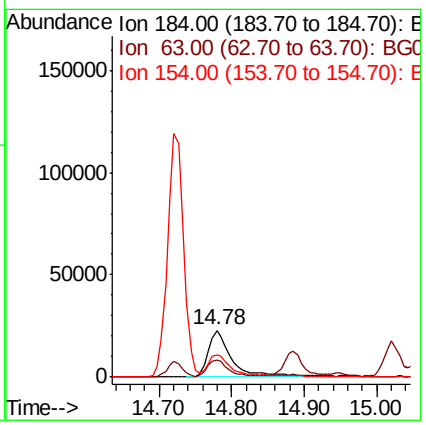


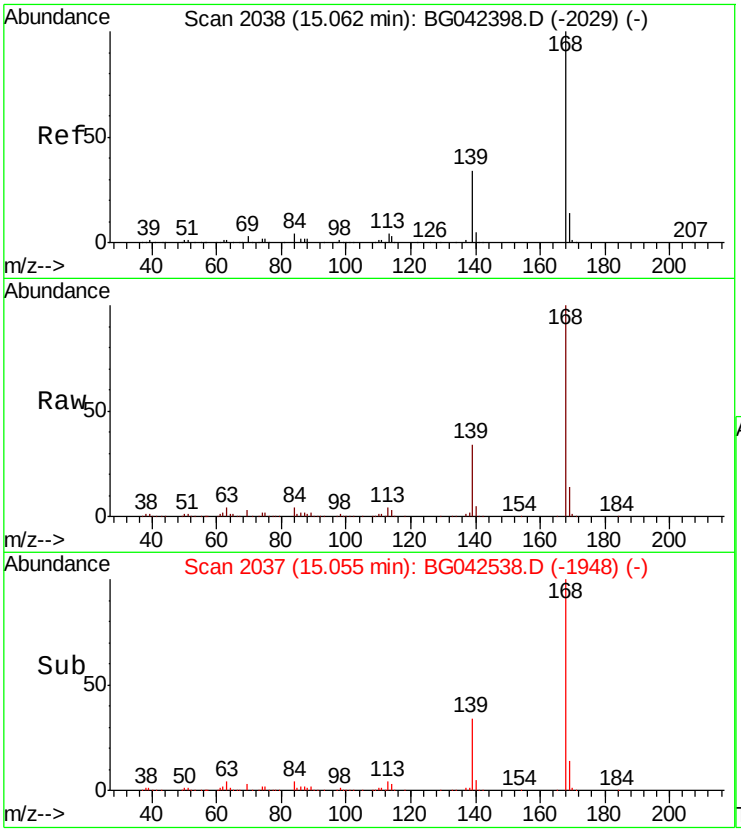




#54
2,4-Dinitrophenol
Concen: 53.506 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:184 Resp: 53297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 35.4 | 31.7 | 47.5 |
| 154 | 48.7 | 42.0 | 63.0 |



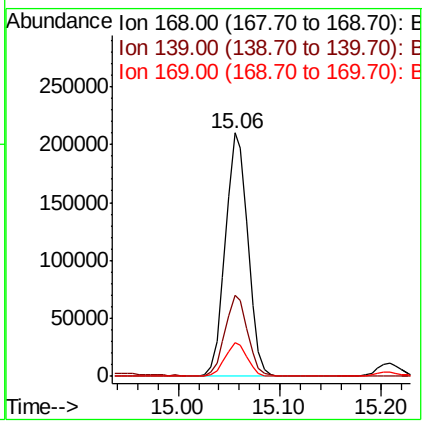


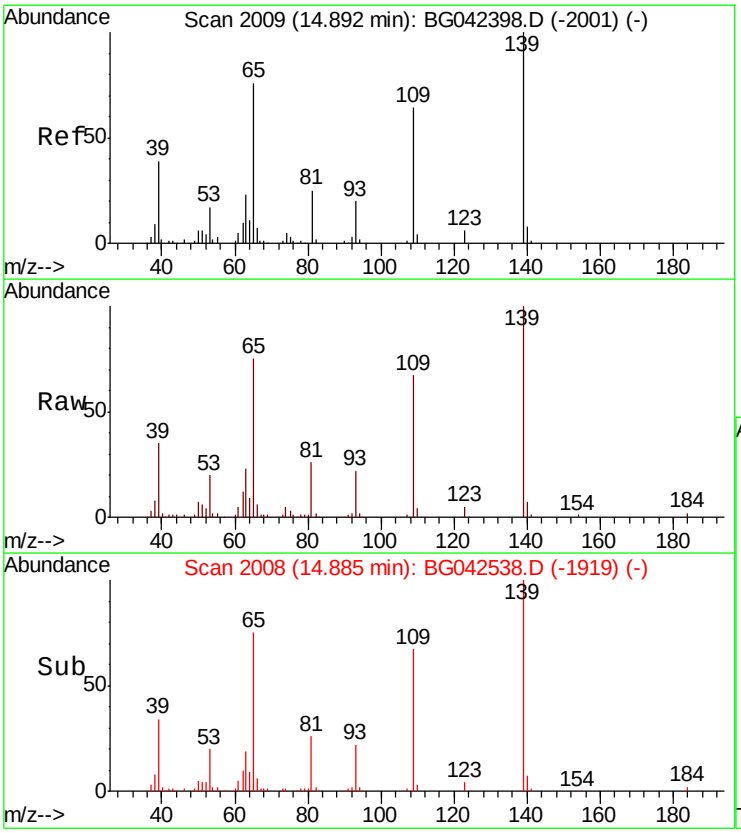

#55
Dibenzofuran
Concen: 41.498 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:168 Resp: 322596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 33.5 | 27.2 | 40.8 |
| 169 | 13.7 | 11.5 | 17.3 |

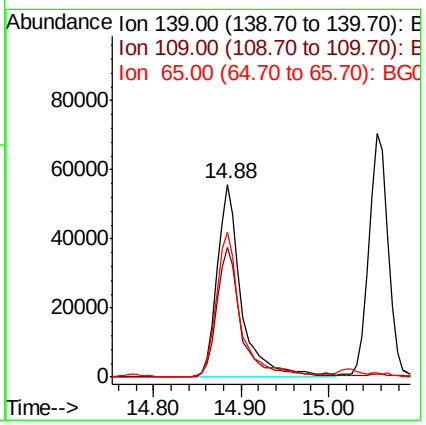


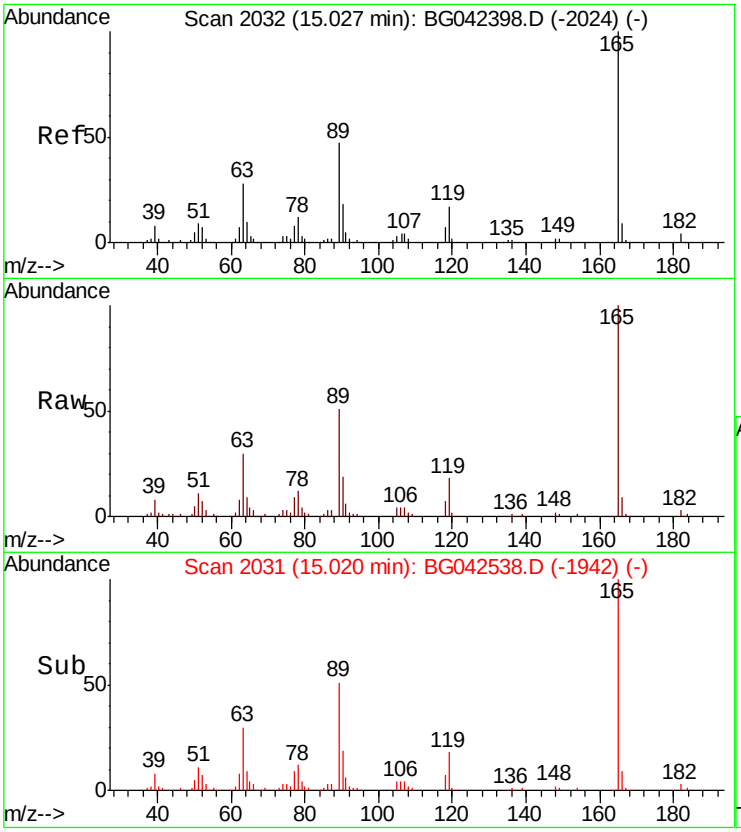




#56
4-Nitrophenol
Concen: 97.388 ng
RT: 14.88 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:139 Resp: 106757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 67.3 | 43.9 | 83.9 |
| 65 | 75.2 | 56.3 | 96.3 |



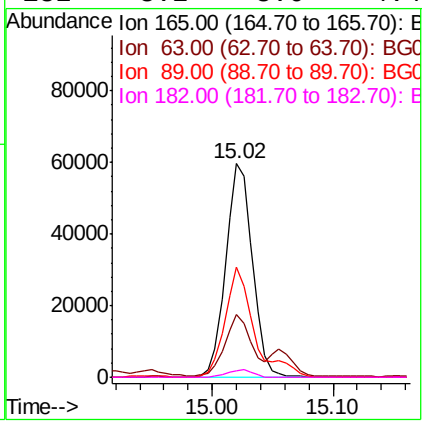


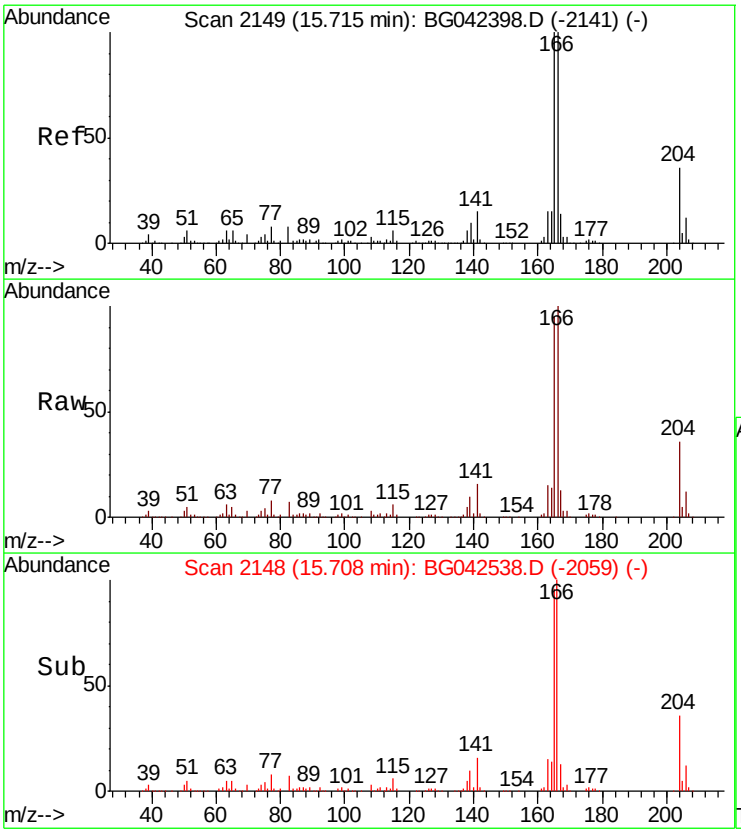

#57
2,4-Dinitrotoluene
Concen: 41.284 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:165 Resp: 91192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 29.5 | 22.5 | 33.7 |
| 89 | 51.3 | 37.8 | 56.6 |
| 182 | 3.2 | 3.0 | 4.4 |

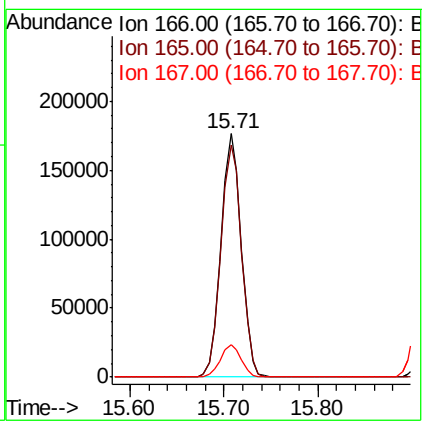


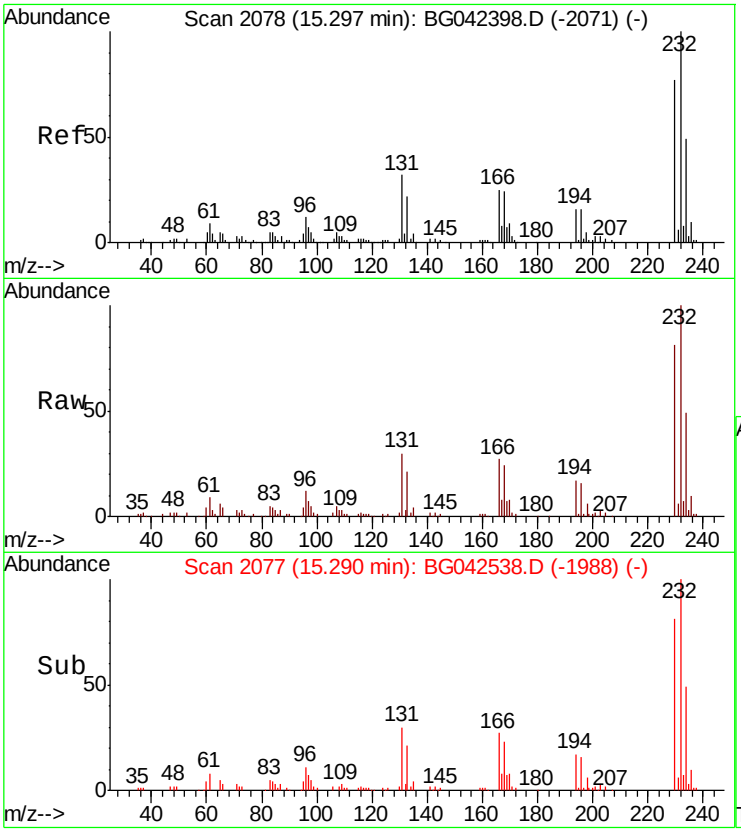




#58
Fluorene
Concen: 41.715 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:166 Resp: 265084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 95.2 | 79.7 | 119.5 |
| 167 | 13.4 | 10.9 | 16.3 |



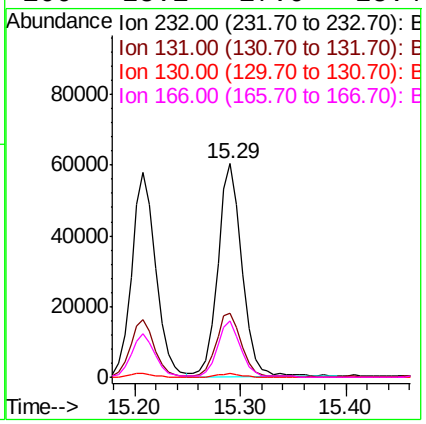


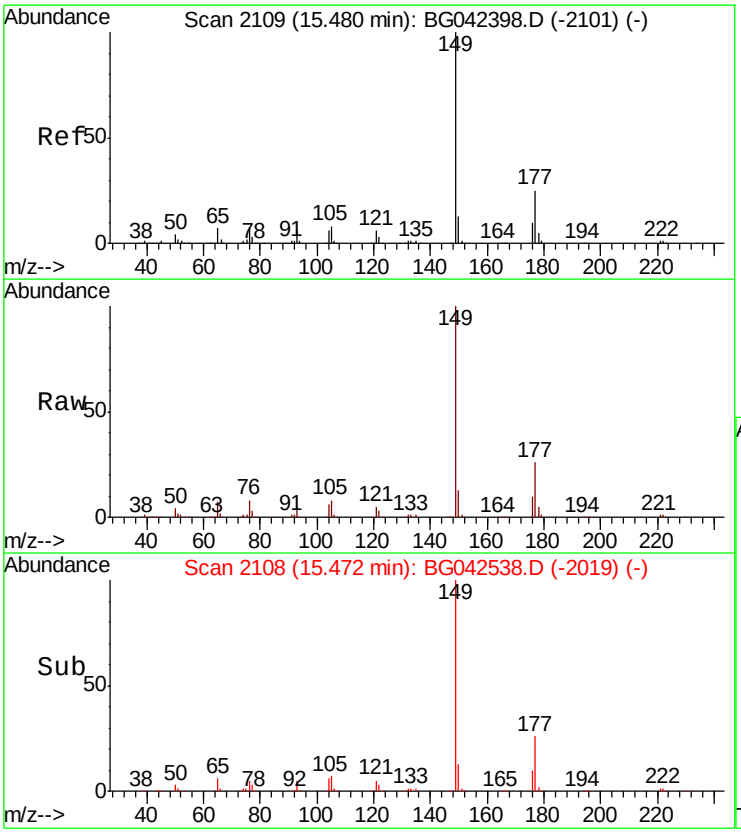

#59
2,3,4,6-Tetrachlorophenol
Concen: 46.456 ng
RT: 15.29 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:232 Resp: 95314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 32.0 | 22.9 | 34.3 |
| 130 | 1.7 | 1.4 | 2.0 |
| 166 | 25.1 | 17.0 | 25.4 |

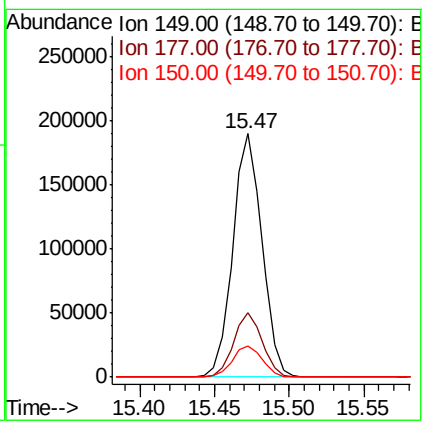


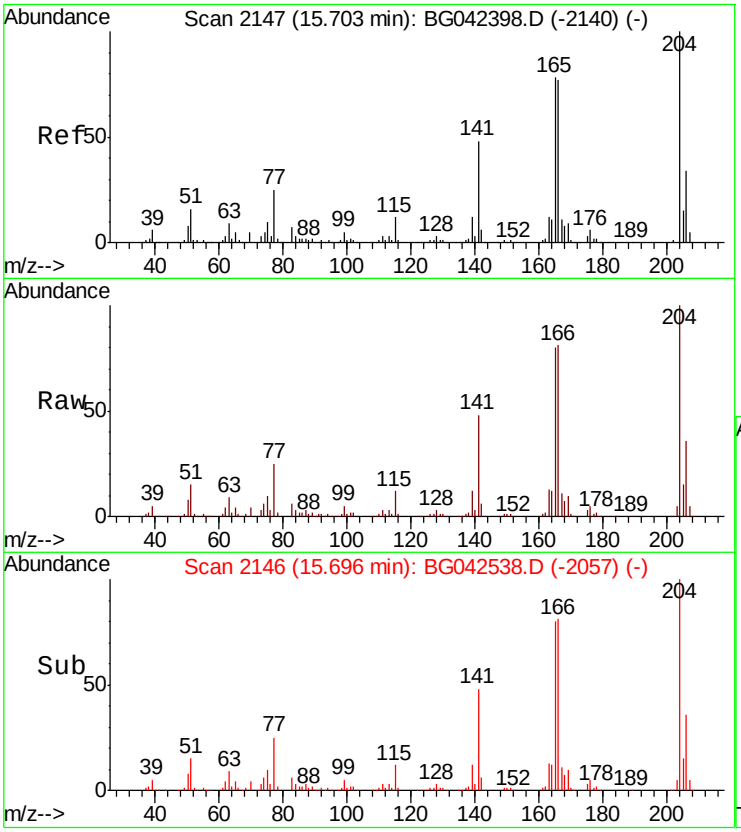




#60
Diethylphthalate
Concen: 39.650 ng
RT: 15.47 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:149 Resp: 257943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 26.2 | 20.4 | 30.6 |
| 150 | 12.9 | 10.3 | 15.5 |



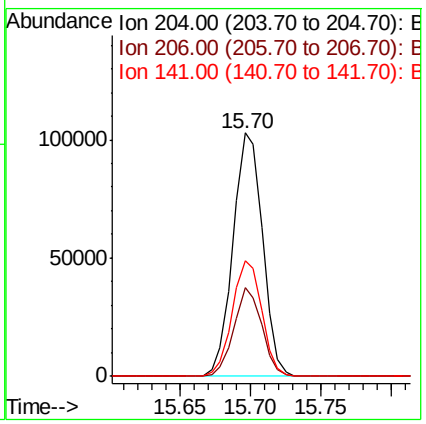


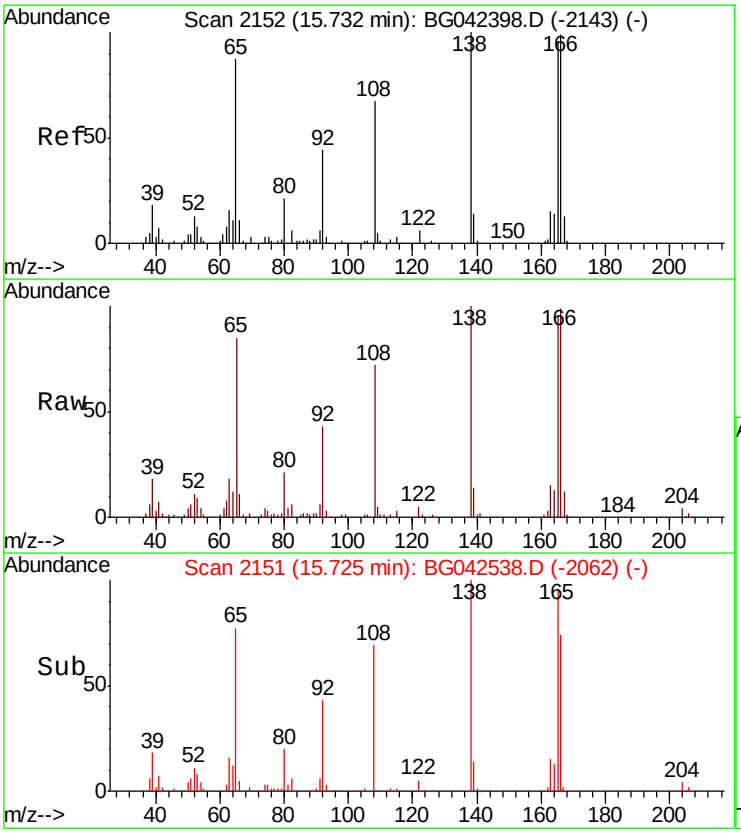

#61
4-Chlorophenyl-phenylether
Concen: 39.252 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:204 Resp: 150358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 36.5 | 27.2 | 40.8 |
| 141 | 47.7 | 38.7 | 58.1 |

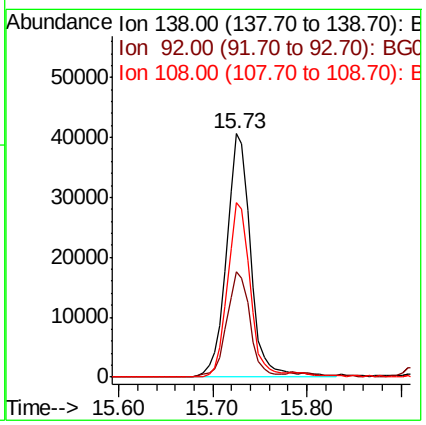


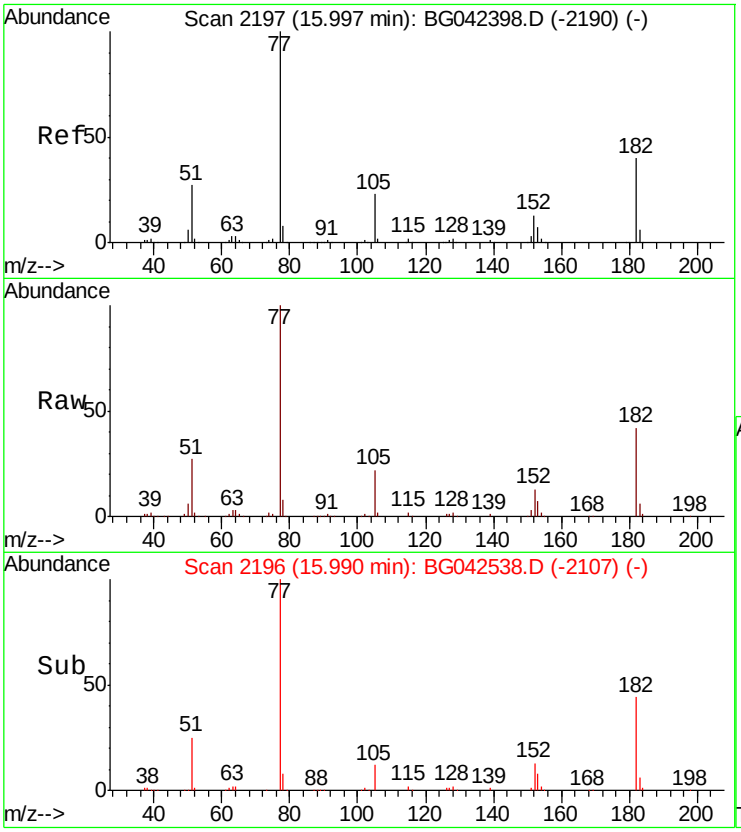




#62
4-Nitroaniline
Concen: 43.986 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:138 Resp: 72624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 43.3 | 24.2 | 64.2 |
| 108 | 71.7 | 46.8 | 86.8 |



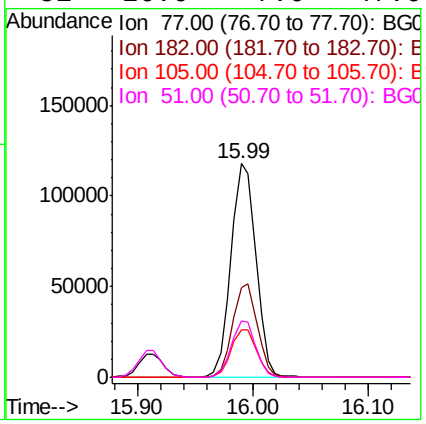


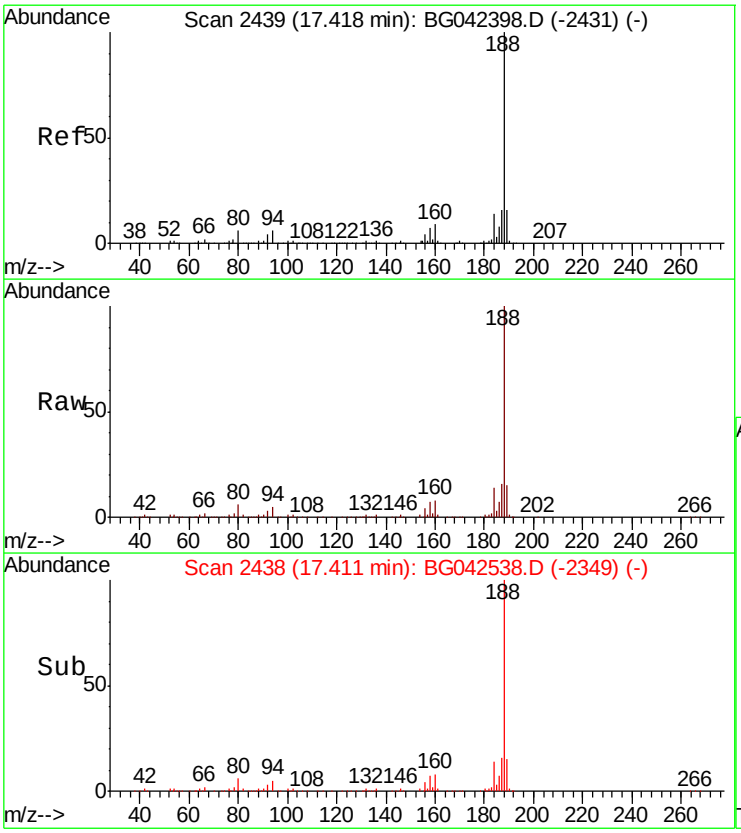

#63
Azobenzene
Concen: 39.667 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion: 77 Resp: 176826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 41.8 | 19.9 | 59.9 |
| 105 | 22.5 | 2.9 | 42.9 |
| 51 | 26.6 | 7.6 | 47.6 |

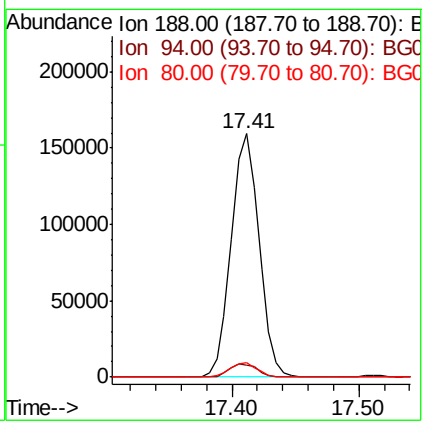


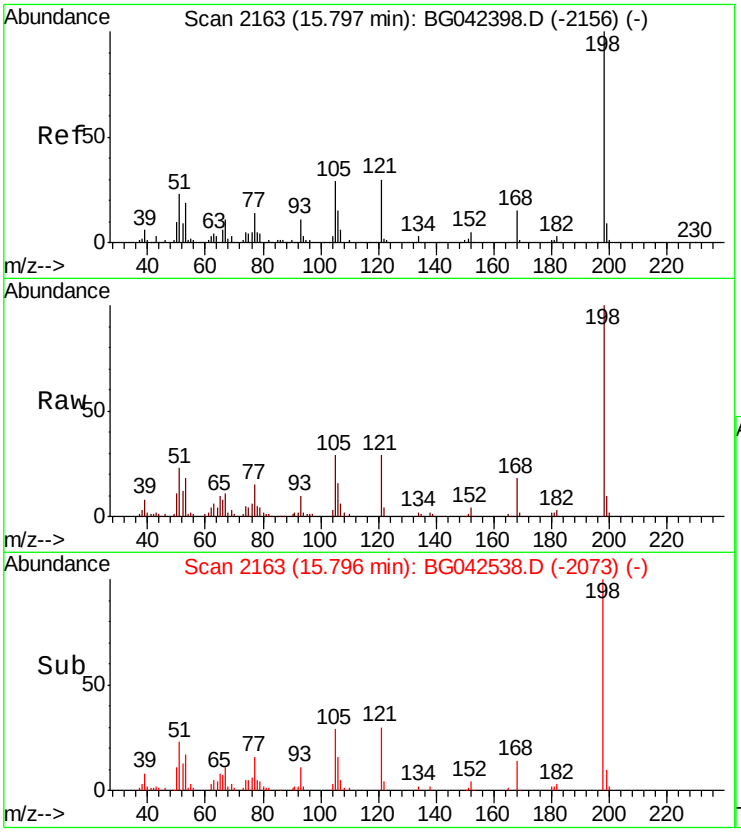




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:188 Resp: 242402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 5.0 | 4.5 | 6.7 |
| 80 | 5.7 | 4.9 | 7.3 |



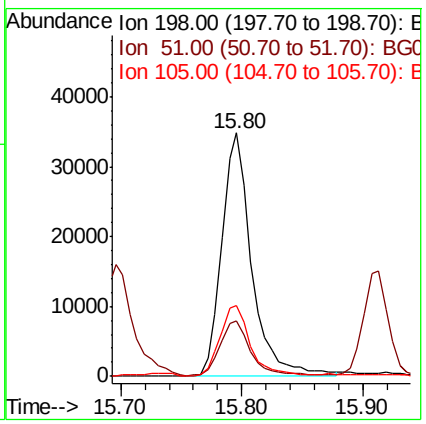


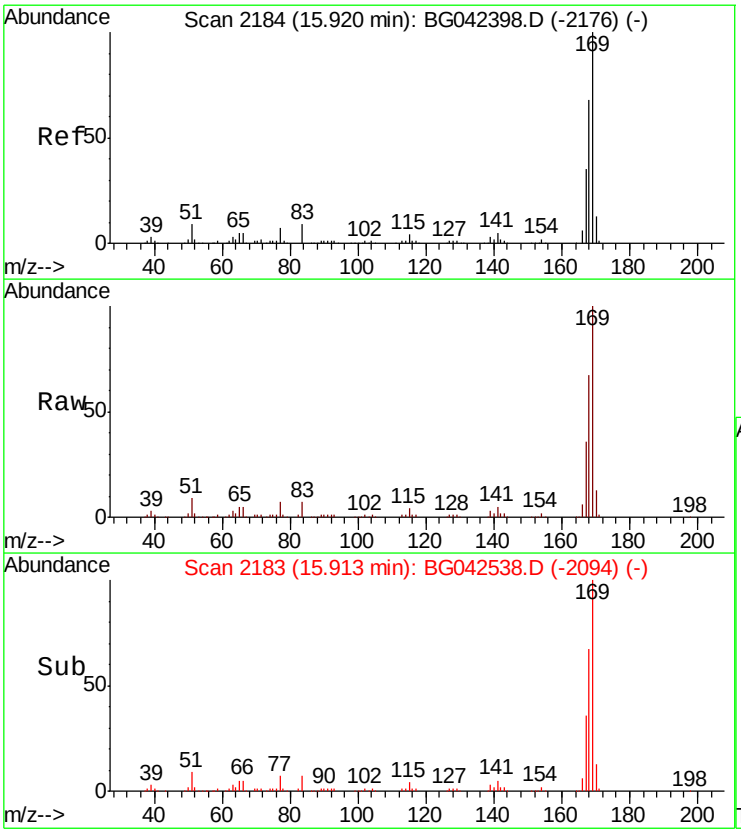

#65
4,6-Dinitro-2-methylphenol
Concen: 39.339 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:198 Resp: 59786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 22.9 | 4.2 | 44.2 |
| 105 | 29.1 | 8.8 | 48.8 |

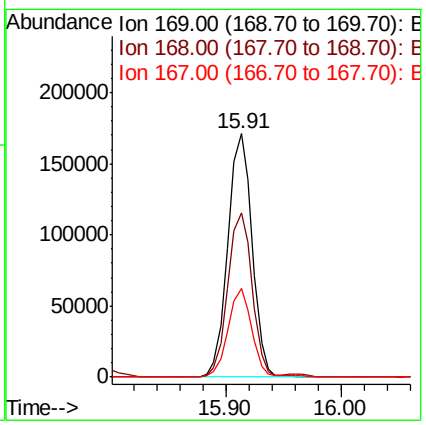


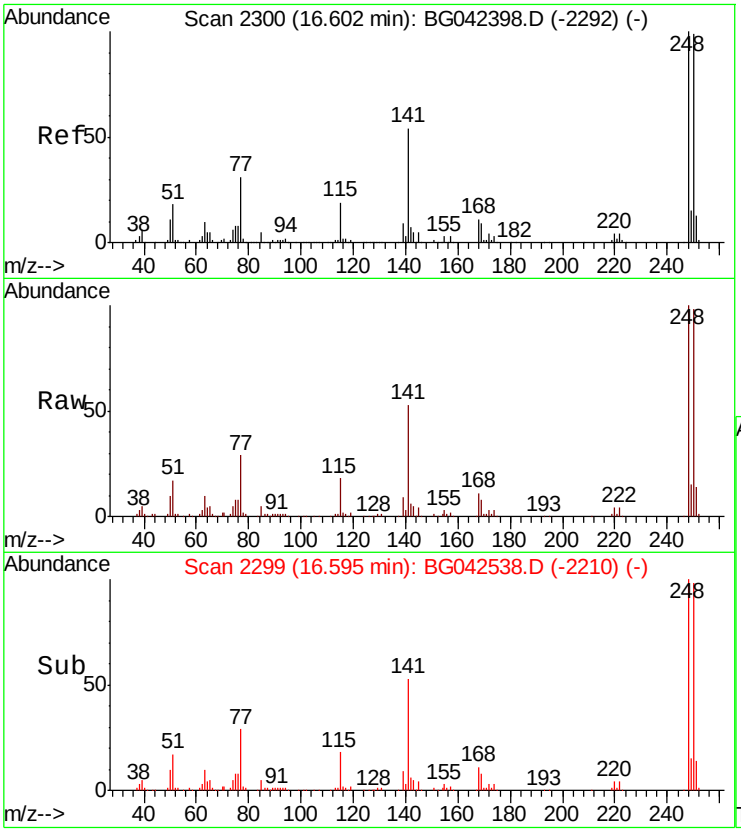




#66
n-Nitrosodiphenylamine
Concen: 37.346 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:169 Resp: 248955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.2 | 54.3 | 81.5 |
| 167 | 36.4 | 28.2 | 42.2 |



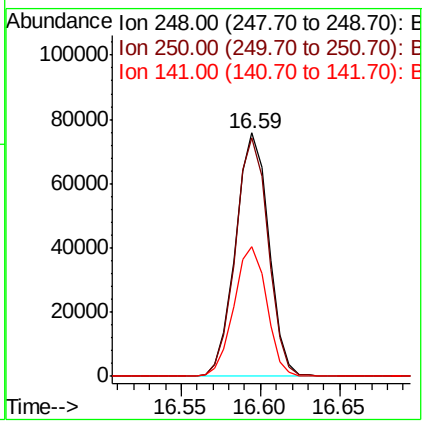


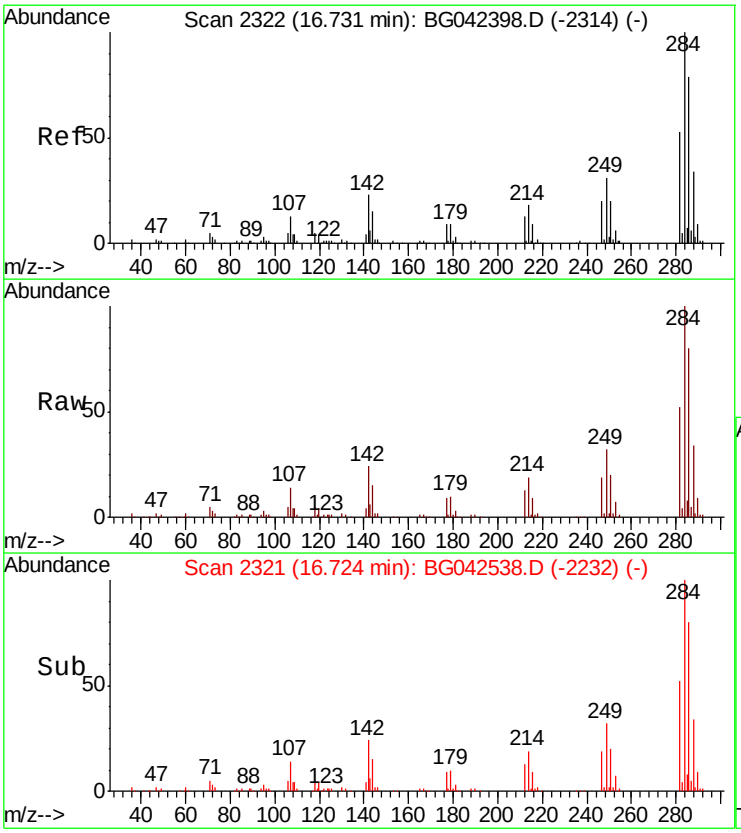

#67
4-Bromophenyl-phenylether
Concen: 35.809 ng
RT: 16.59 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:248 Resp: 110101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.9 | 78.9 | 118.3 |
| 141 | 53.3 | 43.3 | 64.9 |

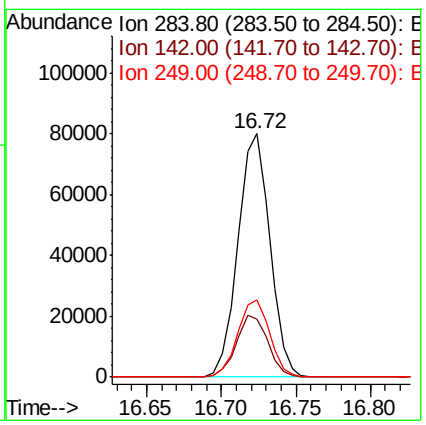


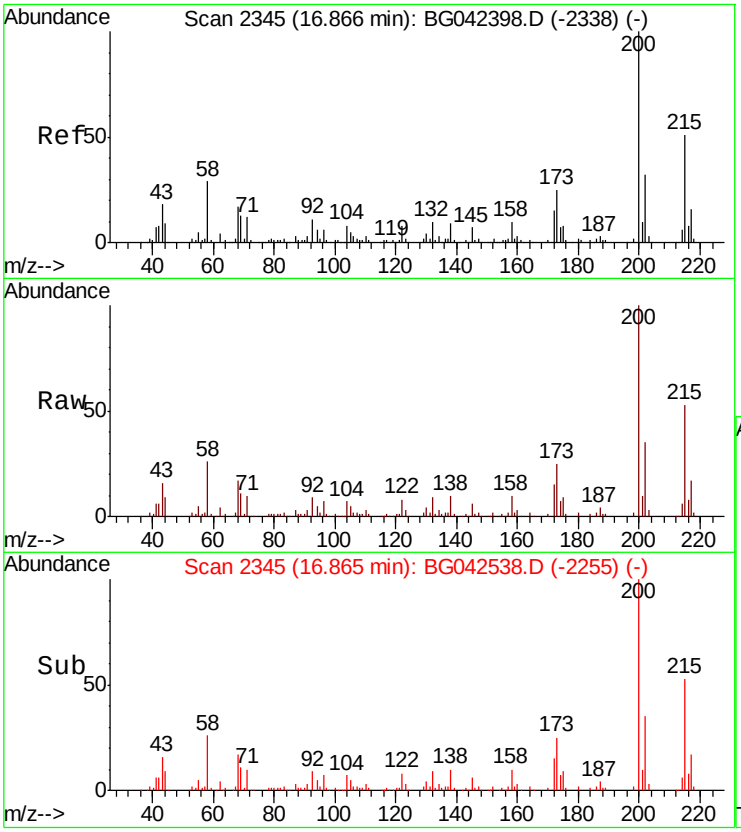




#68
Hexachlorobenzene
Concen: 35.408 ng
RT: 16.72 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:284 Resp: 118351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 23.8 | 18.2 | 27.4 |
| 249 | 31.5 | 25.0 | 37.4 |



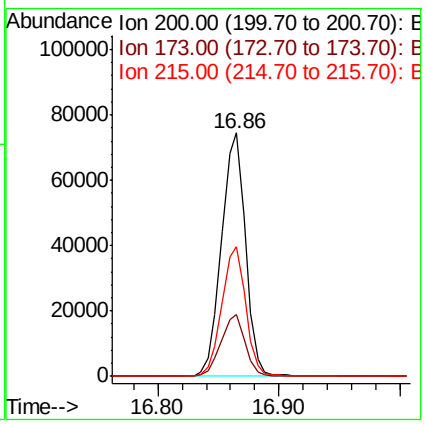


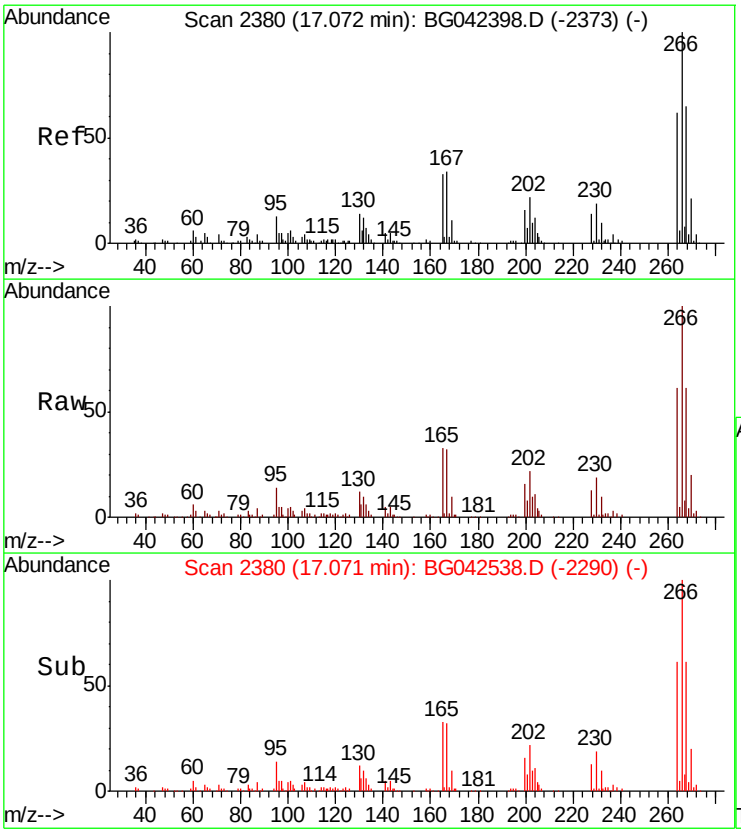

#69
Atrazine
Concen: 43.438 ng
RT: 16.86 min Scan# 2345
Delta R.T. -0.00 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:200 Resp: 102399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 25.1 | 4.9 | 44.9 |
| 215 | 53.5 | 30.7 | 70.7 |

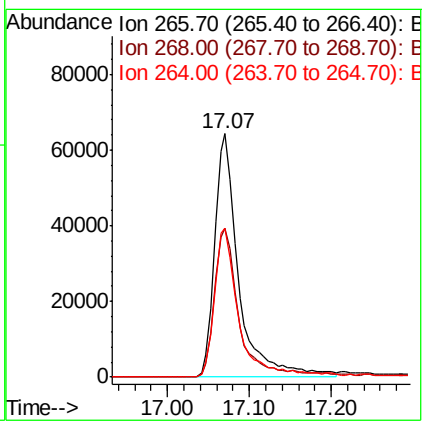


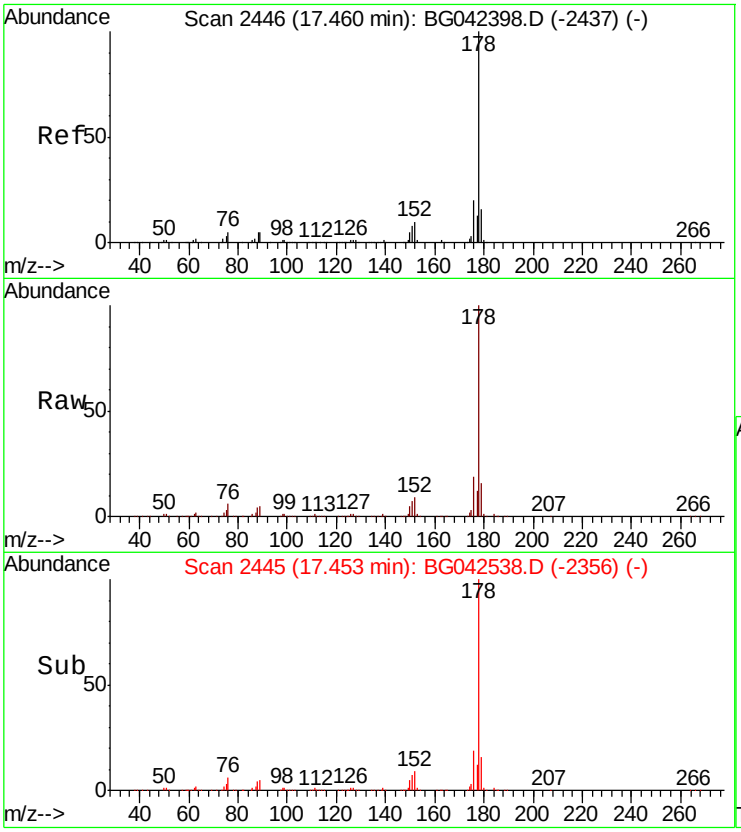




#70
Pentachlorophenol
Concen: 76.224 ng
RT: 17.07 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:266 Resp: 132376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 60.9 | 52.1 | 78.1 |
| 264 | 61.2 | 49.4 | 74.2 |



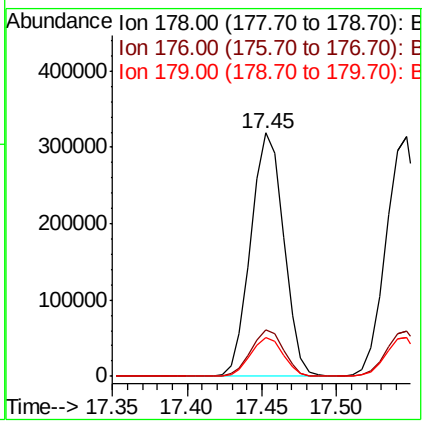


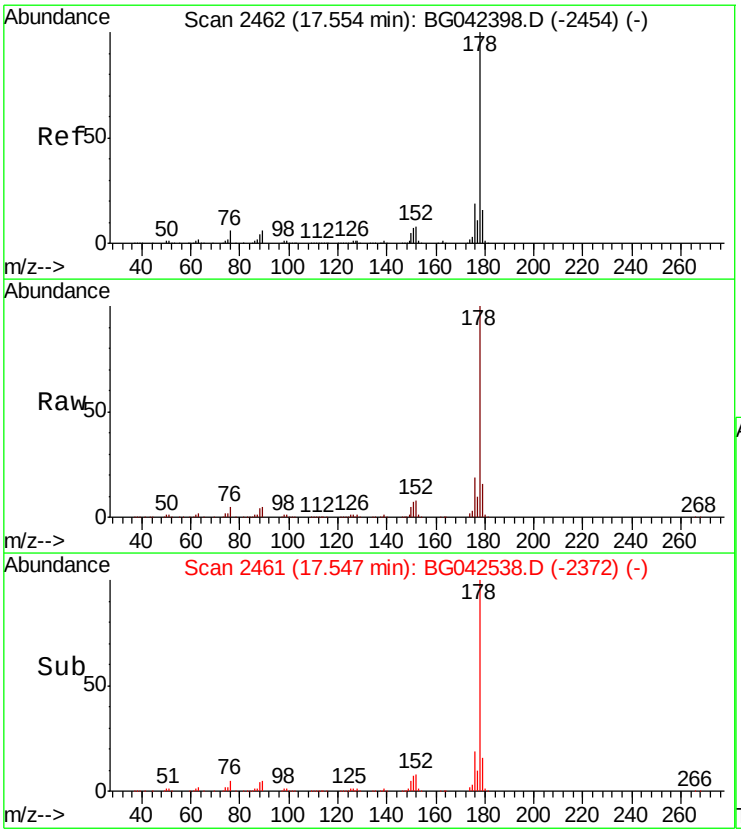

#71
Phenanthrene
Concen: 40.424 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:178 Resp: 486723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.9 | 23.9 |
| 179 | 16.2 | 12.7 | 19.1 |

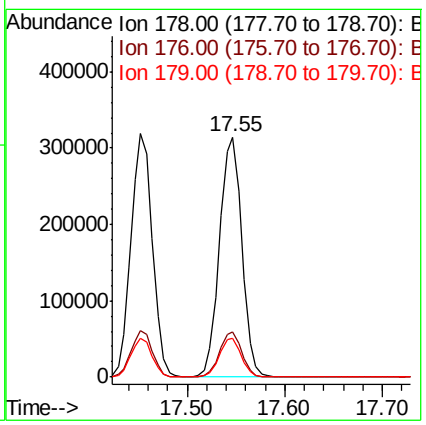


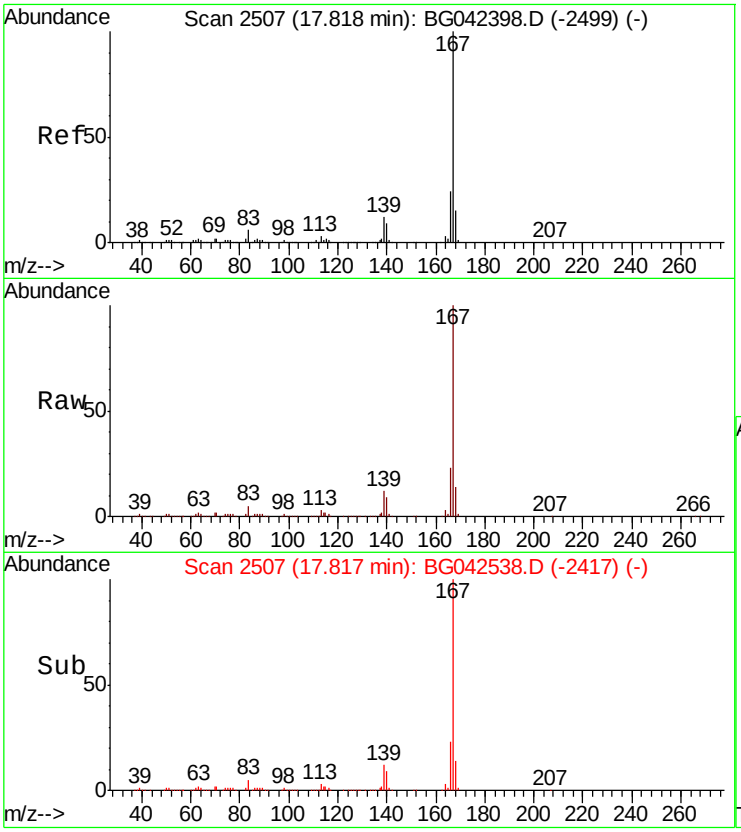




#72
Anthracene
Concen: 41.582 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:178 Resp: 499819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 15.5 | 23.3 |
| 179 | 16.0 | 12.9 | 19.3 |



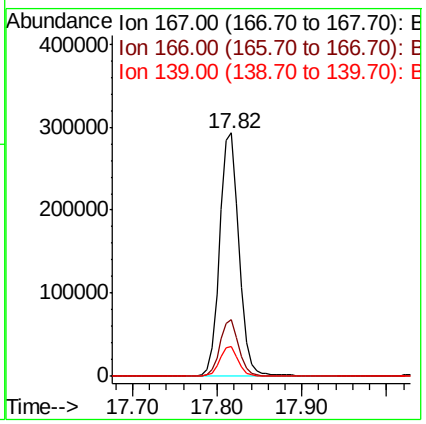


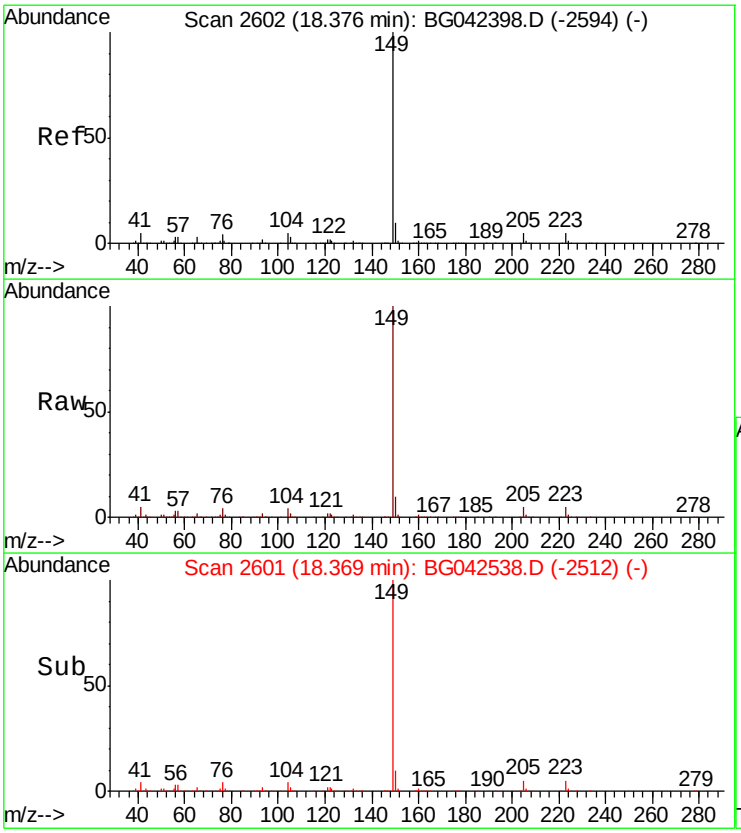

#73
Carbazole
Concen: 43.487 ng
RT: 17.82 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:167 Resp: 465867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 23.2 | 18.9 | 28.3 |
| 139 | 12.1 | 9.8 | 14.6 |

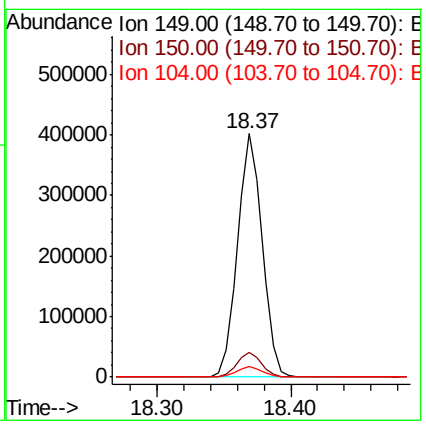


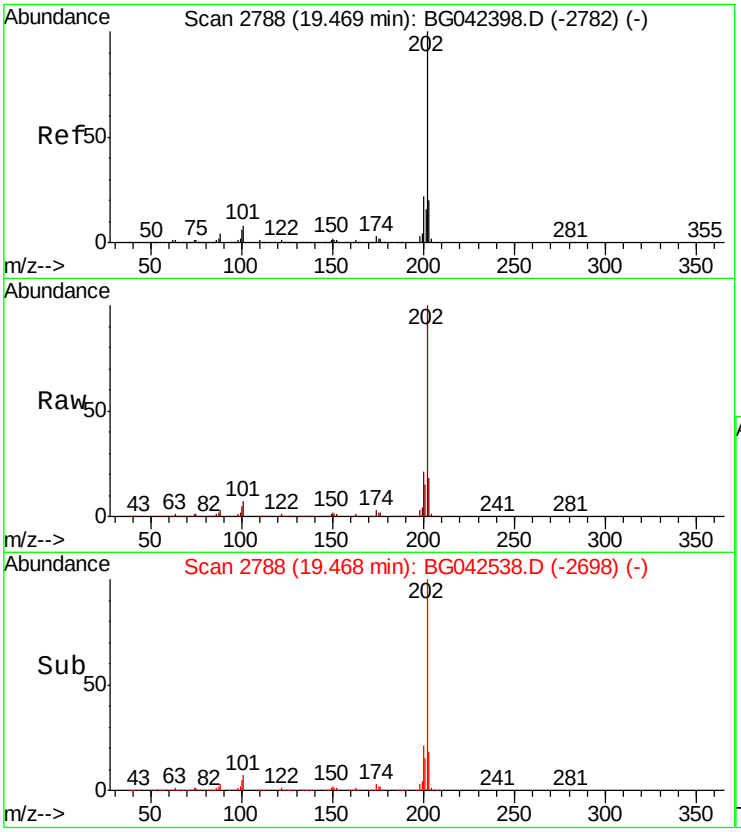




#74
Di-n-butylphthalate
Concen: 40.497 ng
RT: 18.37 min Scan# 2601
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:149 Resp: 512831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 10.0 | 8.1 | 12.1 |
| 104 | 4.4 | 3.7 | 5.5 |



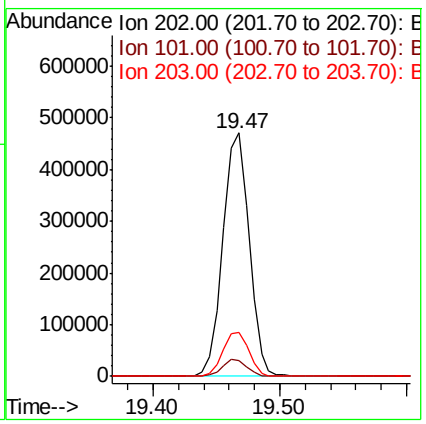


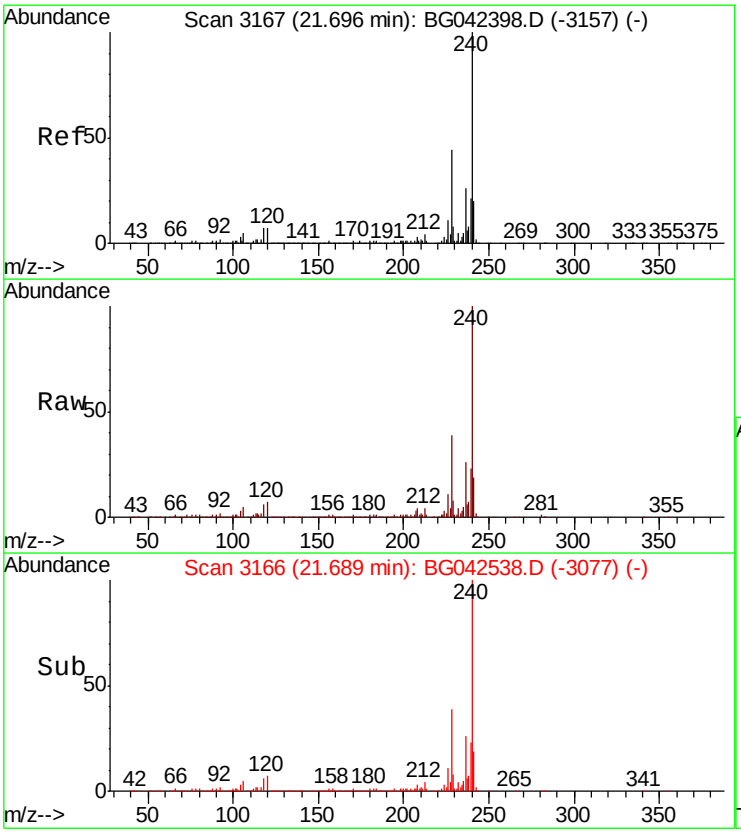

#75
Fluoranthene
Concen: 46.046 ng
RT: 19.47 min Scan# 2788
Delta R.T. -0.00 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:202 Resp: 676622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.7 | 0.0 | 28.3 |
| 203 | 18.3 | 0.0 | 39.6 |

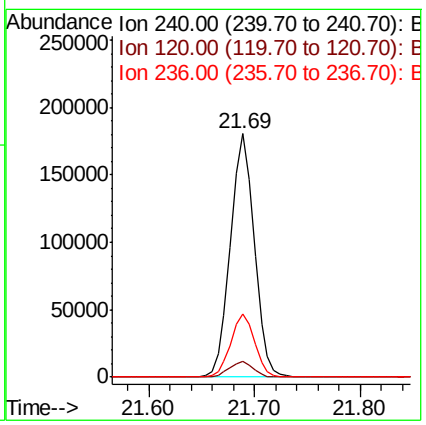


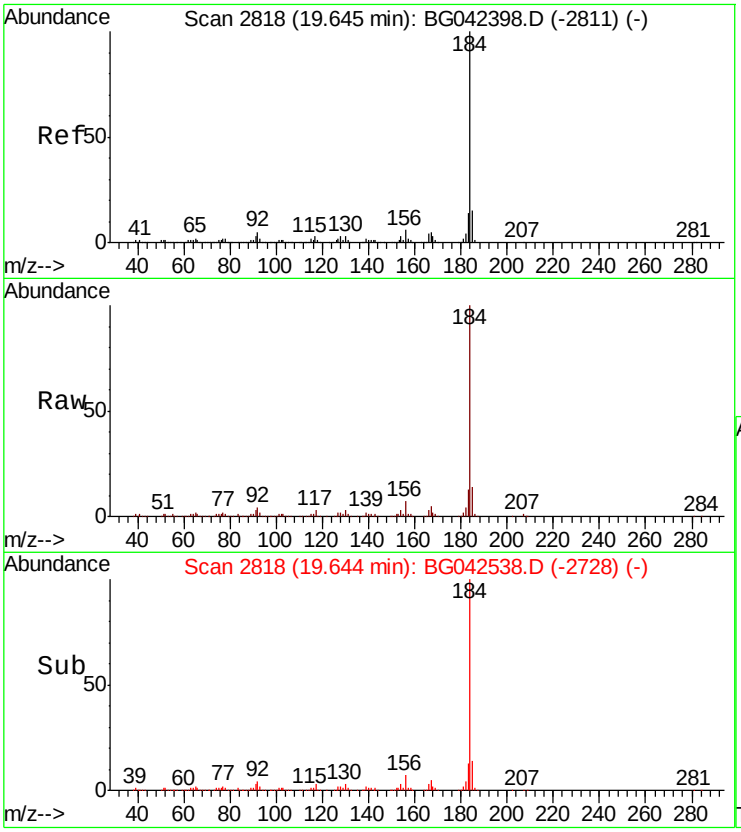




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:240 Resp: 281516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.7 | 5.7 | 8.5 |
| 236 | 26.0 | 21.0 | 31.4 |



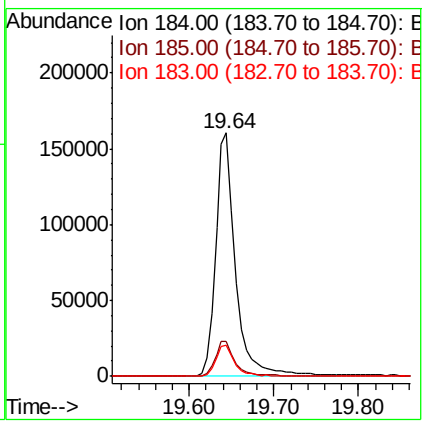


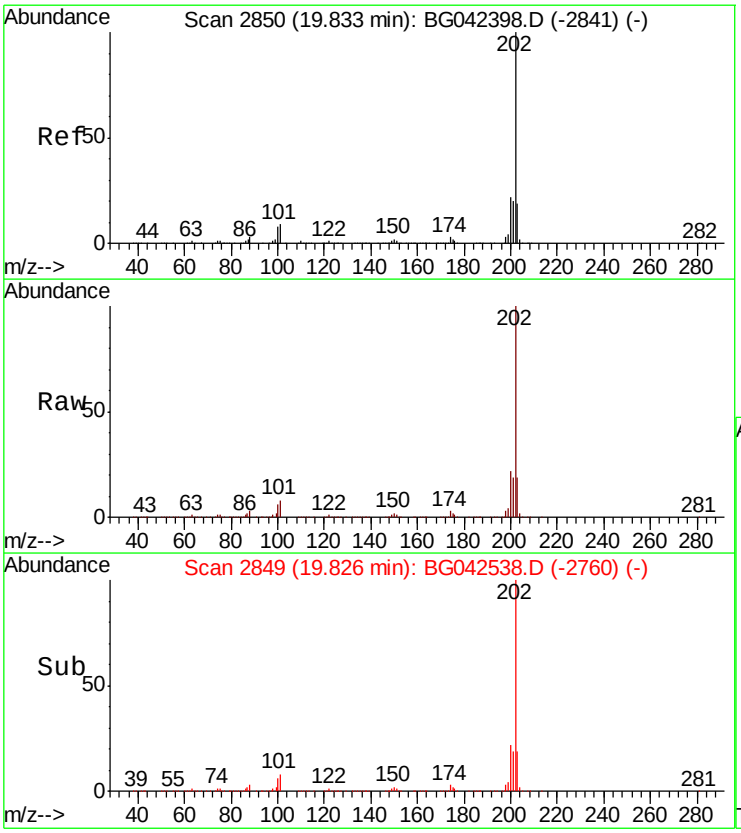

#77
Benzidine
Concen: 32.732 ng
RT: 19.64 min Scan# 2818
Delta R.T. -0.00 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:184 Resp: 264187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.2 | 12.2 | 18.4 |
| 183 | 12.5 | 10.8 | 16.2 |

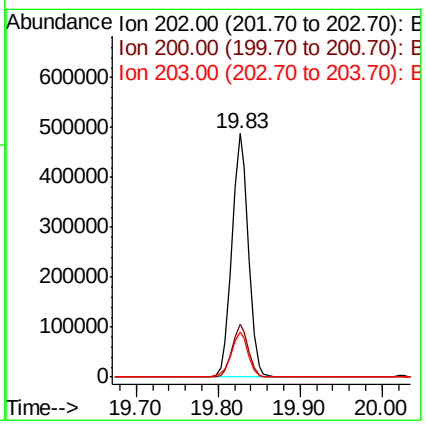


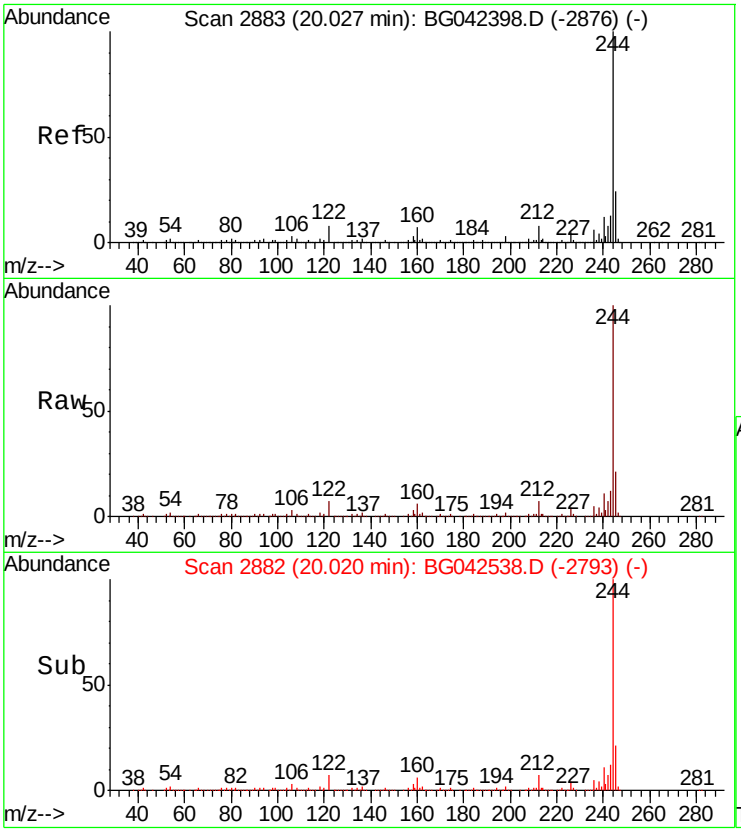




#78
Pyrene
Concen: 39.694 ng
RT: 19.83 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:202 Resp: 685101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.5 | 17.8 | 26.6 |
| 203 | 18.6 | 15.5 | 23.3 |



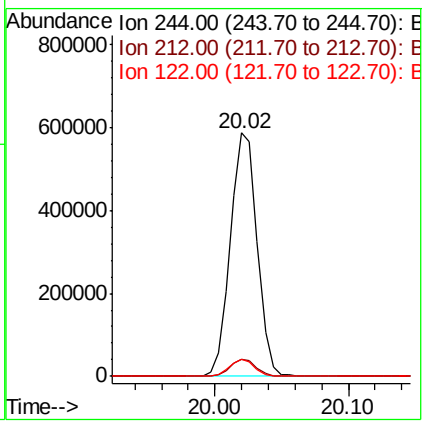


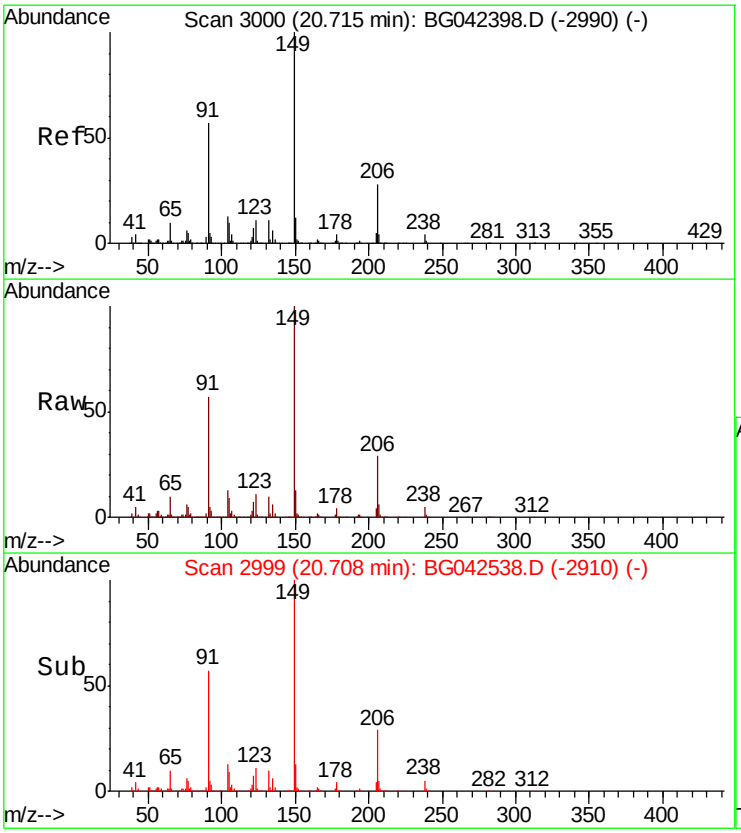

#79
Terphenyl-d14
Concen: 63.168 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:244 Resp: 822552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 6.0 | 9.0 |
| 122 | 7.2 | 6.7 | 10.1 |

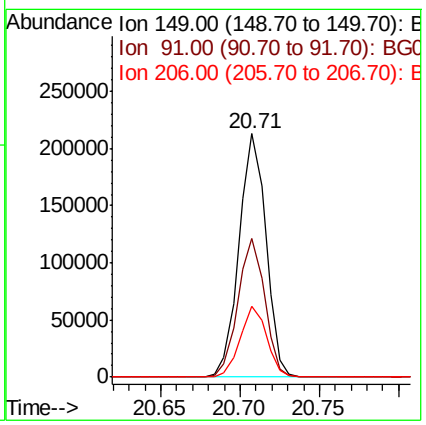


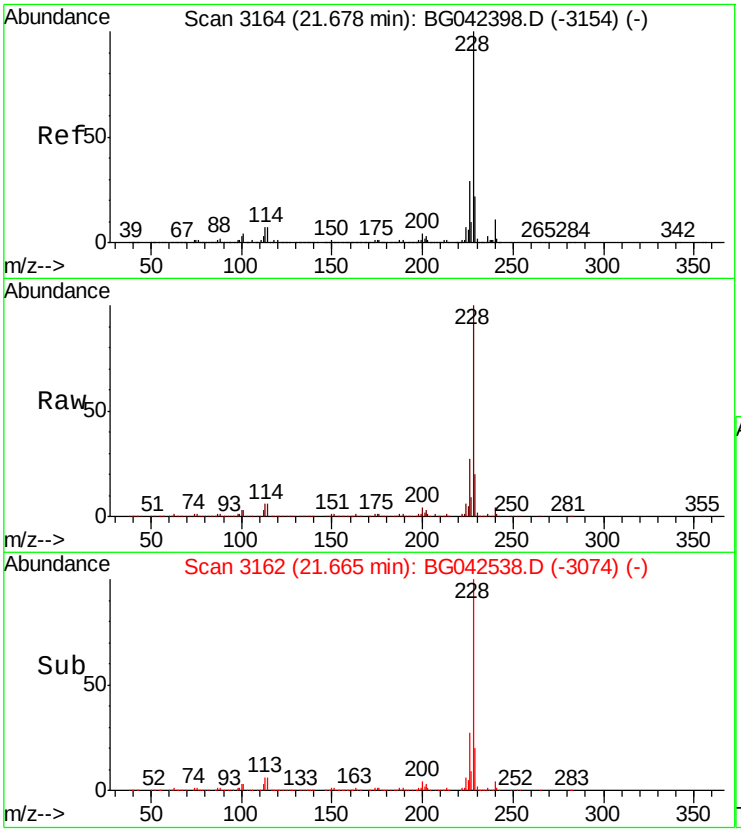




#80
Butylbenzylphthalate
Concen: 37.073 ng
RT: 20.71 min Scan# 2999
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:149 Resp: 251671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 56.8 | 45.9 | 68.9 |
| 206 | 28.9 | 22.5 | 33.7 |



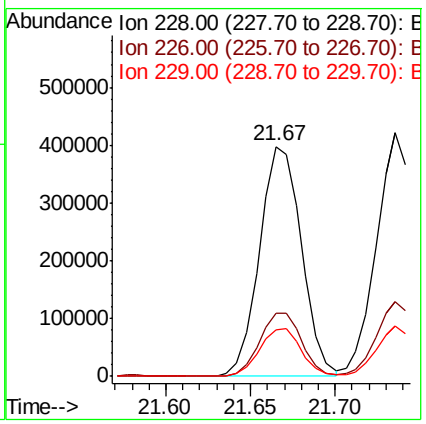


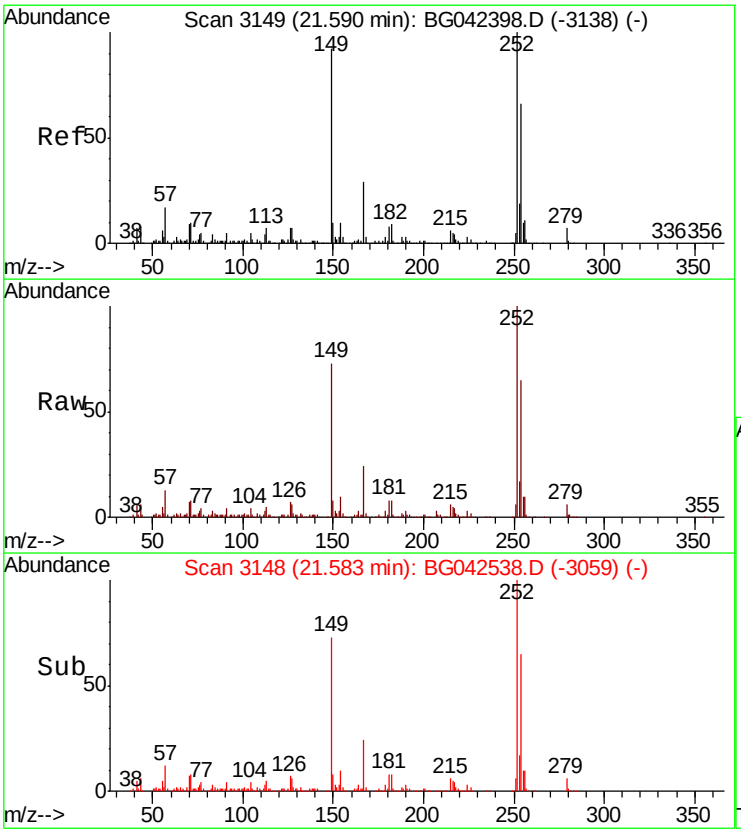

#81
Benzo(a)anthracene
Concen: 40.076 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:228 Resp: 686310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.5 | 23.4 | 35.2 |
| 229 | 20.5 | 17.4 | 26.2 |

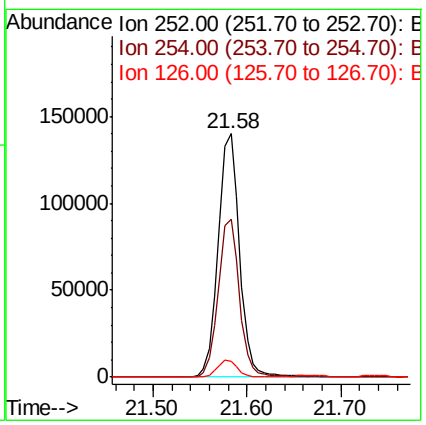


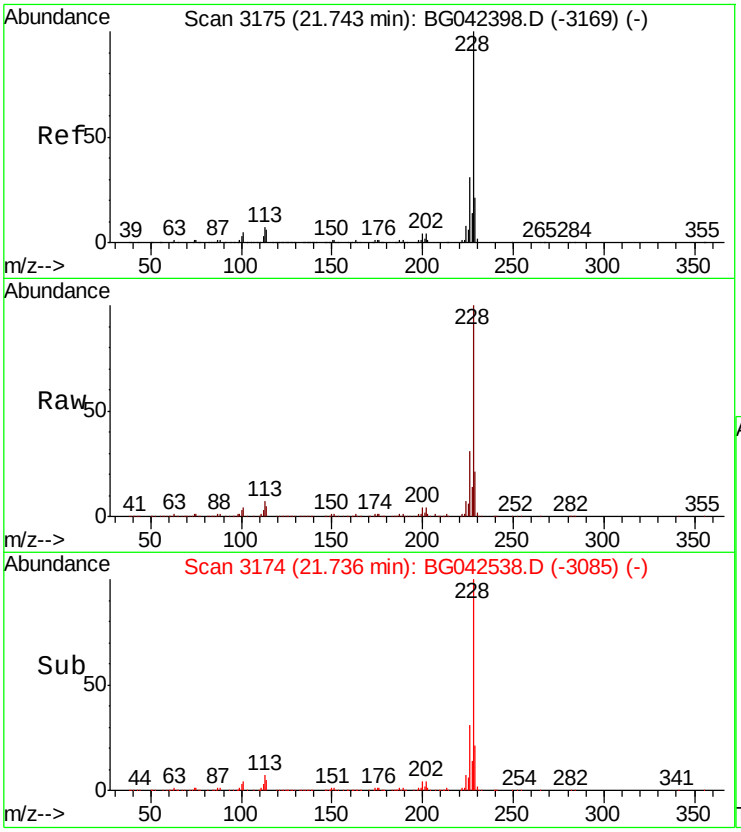




#82
3,3'-Dichlorobenzidine
Concen: 32.461 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:252 Resp: 223573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.8 | 53.0 | 79.4 |
| 126 | 6.6 | 5.7 | 8.5 |



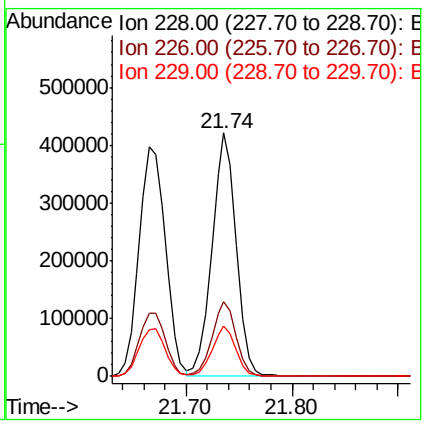


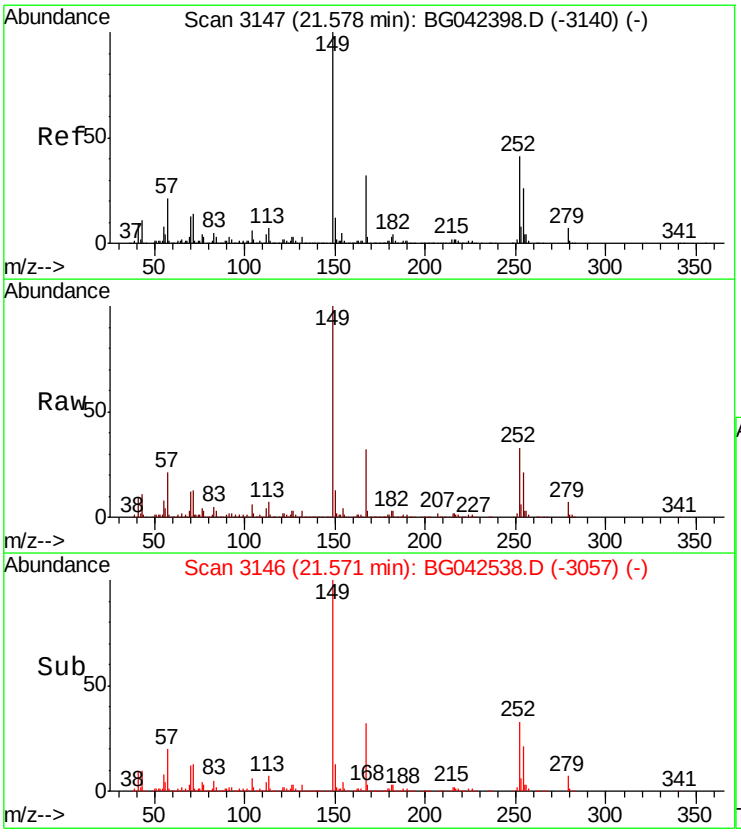

#83
Chrysene
Concen: 40.533 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:228 Resp: 669426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.8 | 24.9 | 37.3 |
| 229 | 20.9 | 16.9 | 25.3 |

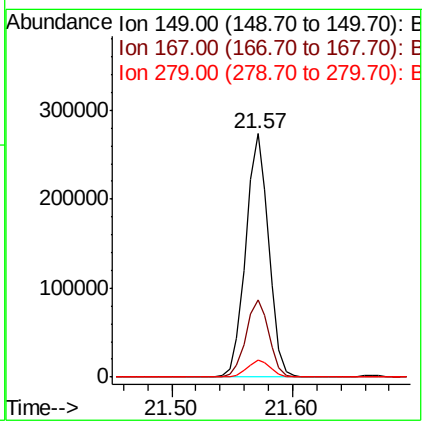


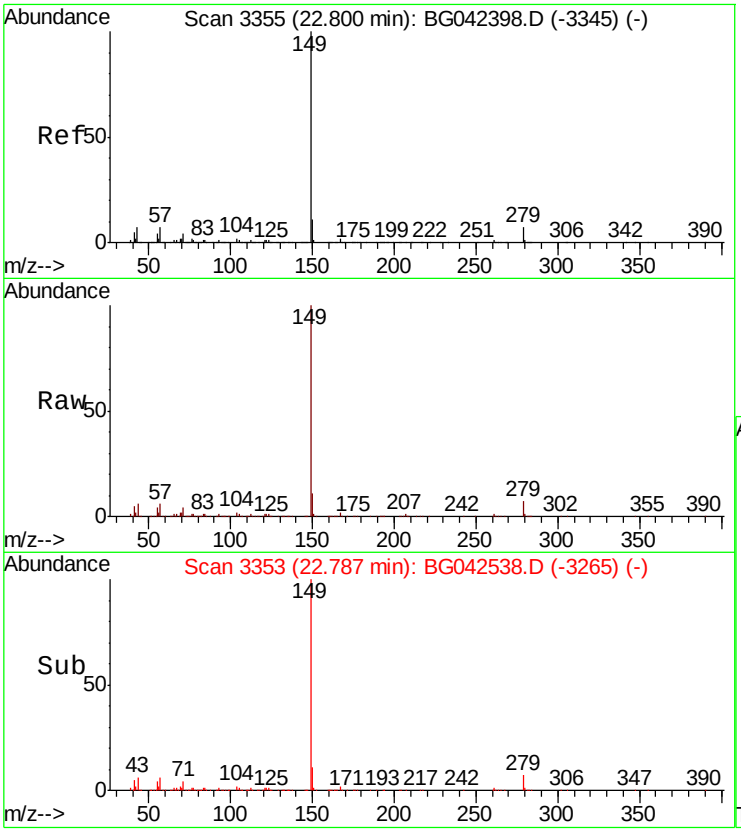




#84
Bis(2-ethylhexyl)phthalate
Concen: 38.378 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:149 Resp: 361730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 32.0 | 26.0 | 39.0 |
| 279 | 7.0 | 5.4 | 8.0 |



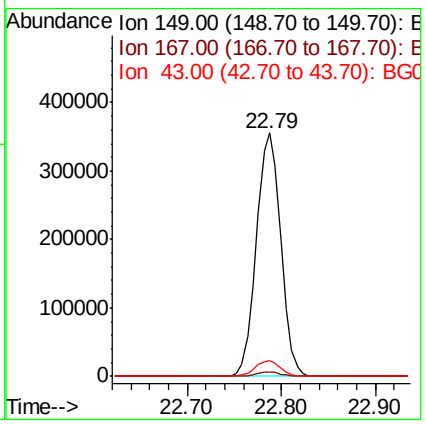


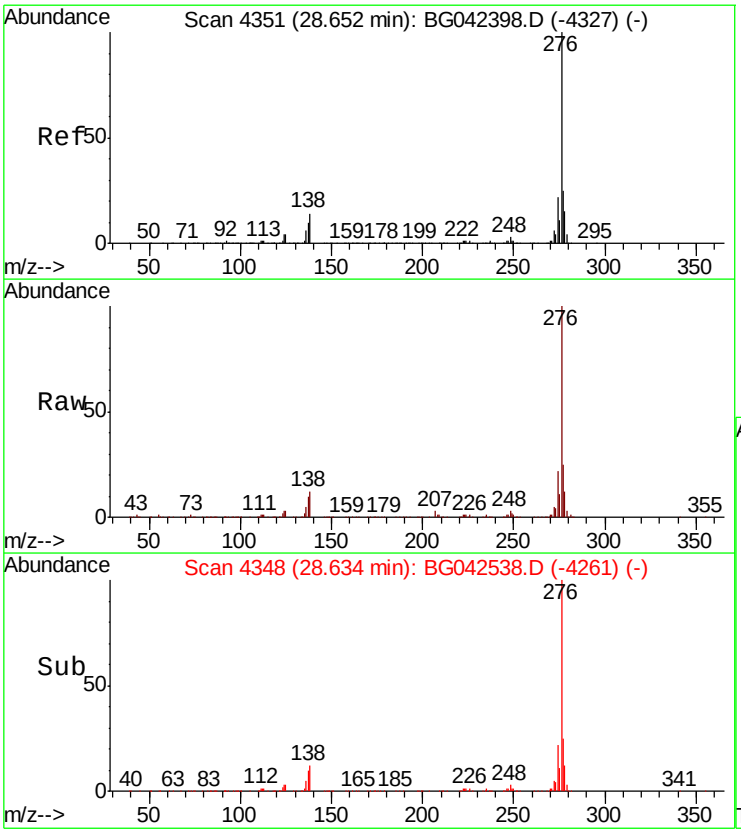

#85
Di-n-octyl phthalate
Concen: 39.265 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:149 Resp: 636529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.8 | 1.6 | 2.4 |
| 43 | 6.1 | 5.3 | 7.9 |

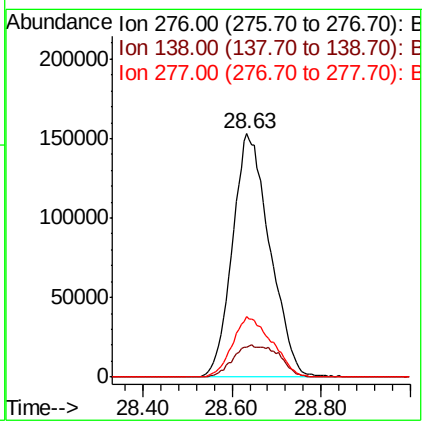


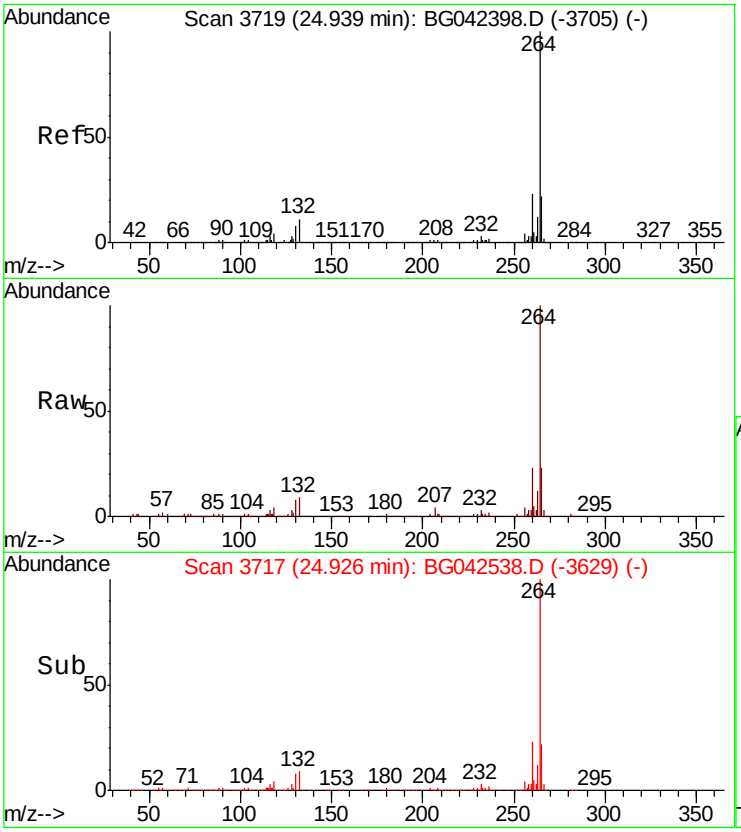




#86
Indeno(1,2,3-cd)pyrene
Concen: 39.595 ng
RT: 28.63 min Scan# 4348
Delta R.T. -0.02 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:276 Resp: 888684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 16.3 | 9.2 | 13.8# |
| 277 | 26.1 | 21.0 | 31.6 |



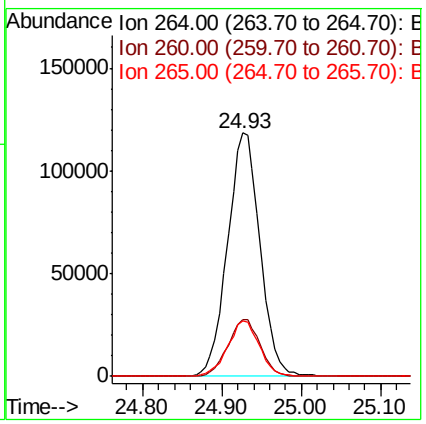


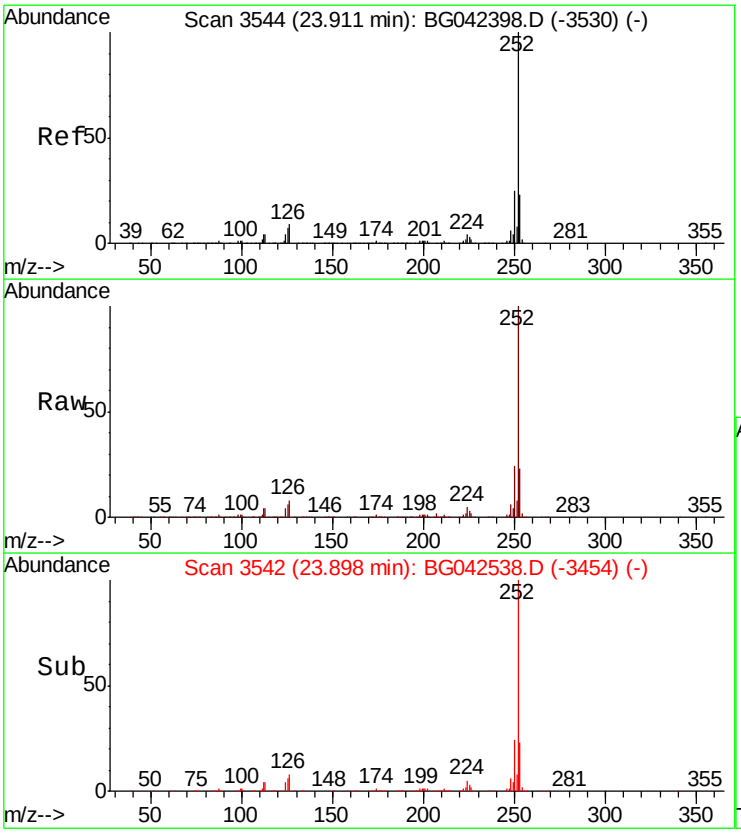

#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:264 Resp: 334732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.1 | 18.5 | 27.7 |
| 265 | 22.7 | 17.6 | 26.4 |

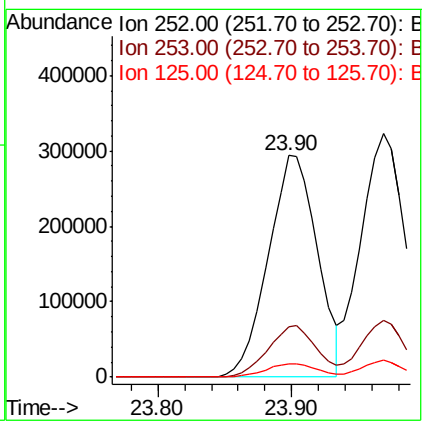


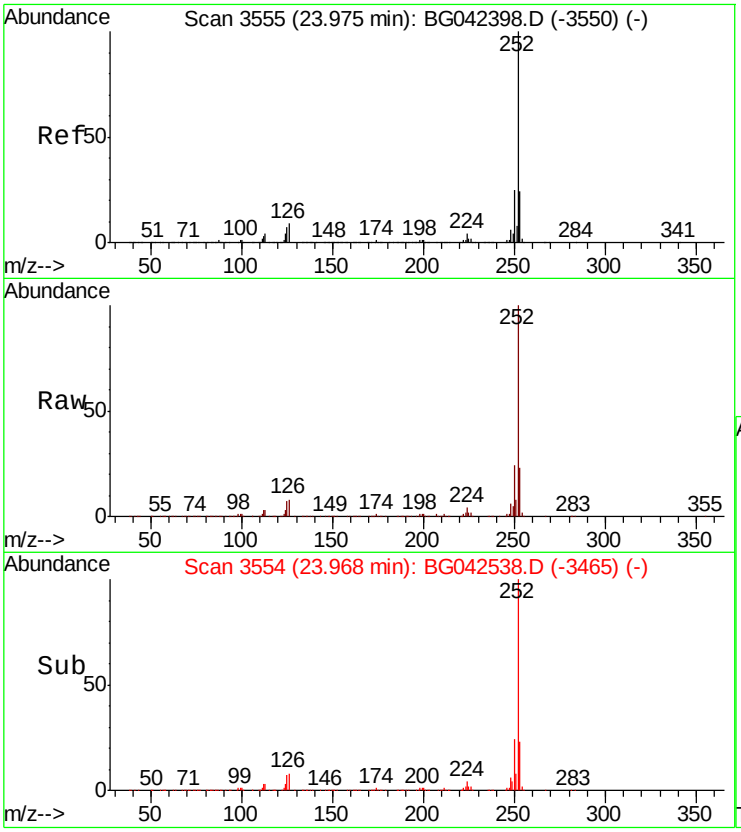




#88
Benzo(b)fluoranthene
Concen: 40.738 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:252 Resp: 749674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.9 | 18.6 | 27.8 |
| 125 | 6.2 | 5.6 | 8.4 |



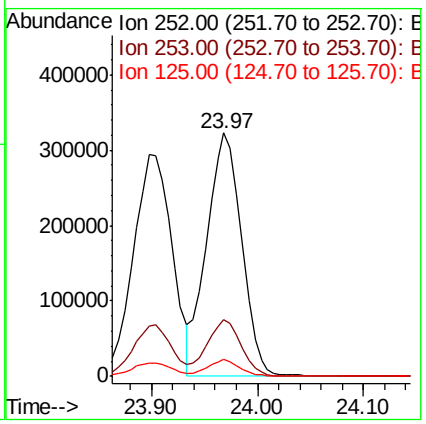


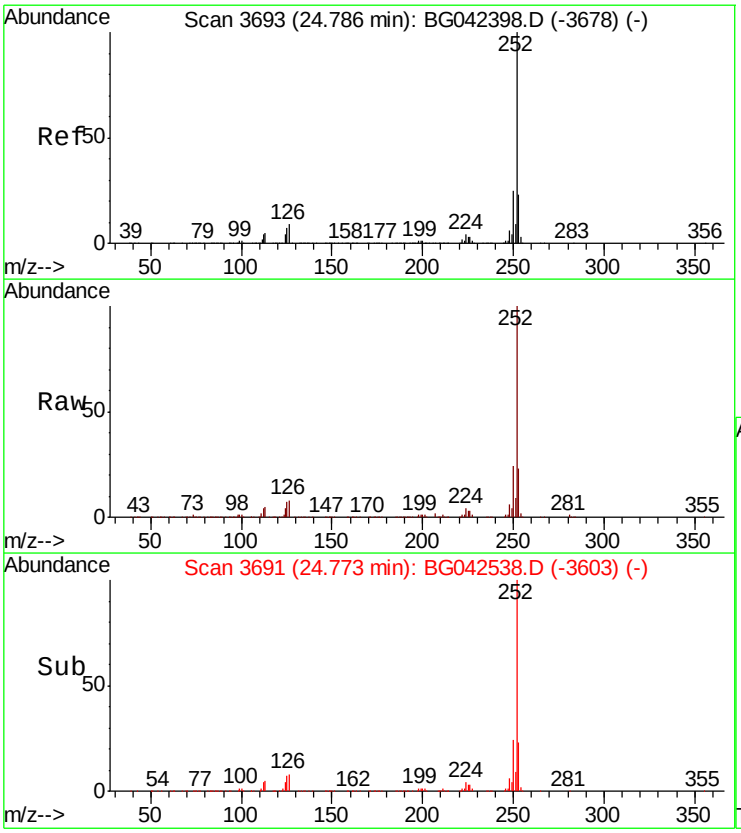

#89
Benzo(k)fluoranthene
Concen: 42.018 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:252 Resp: 743234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.1 | 18.6 | 27.8 |
| 125 | 6.8 | 5.8 | 8.6 |

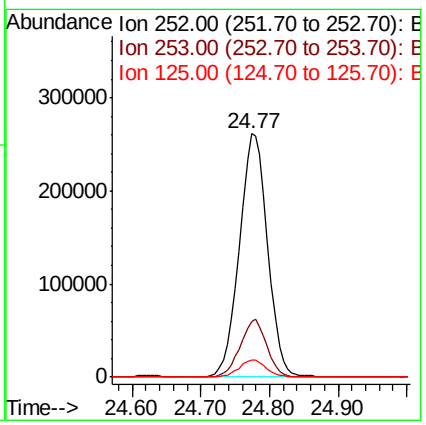


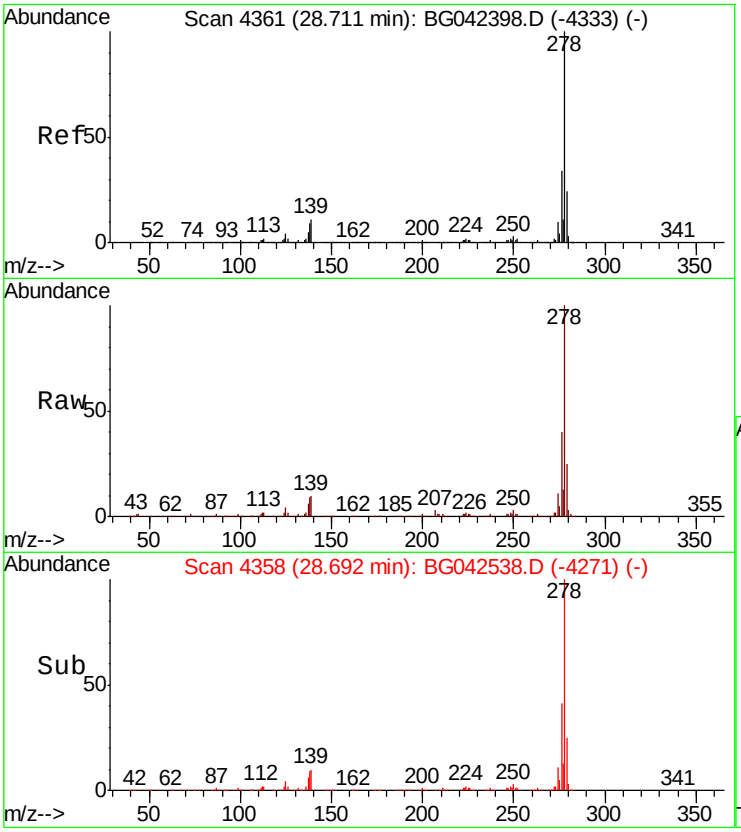




#90
Benzo(a)pyrene
Concen: 42.718 ng
RT: 24.77 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:252 Resp: 745956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.7 | 18.4 | 27.6 |
| 125 | 7.0 | 6.0 | 9.0 |



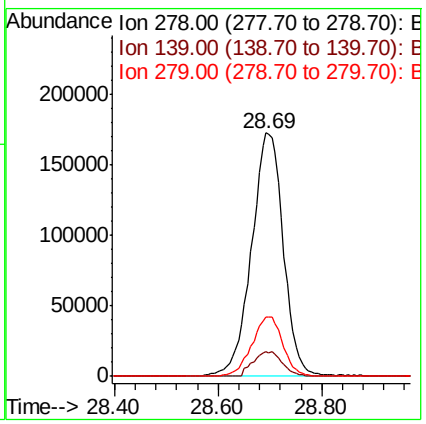


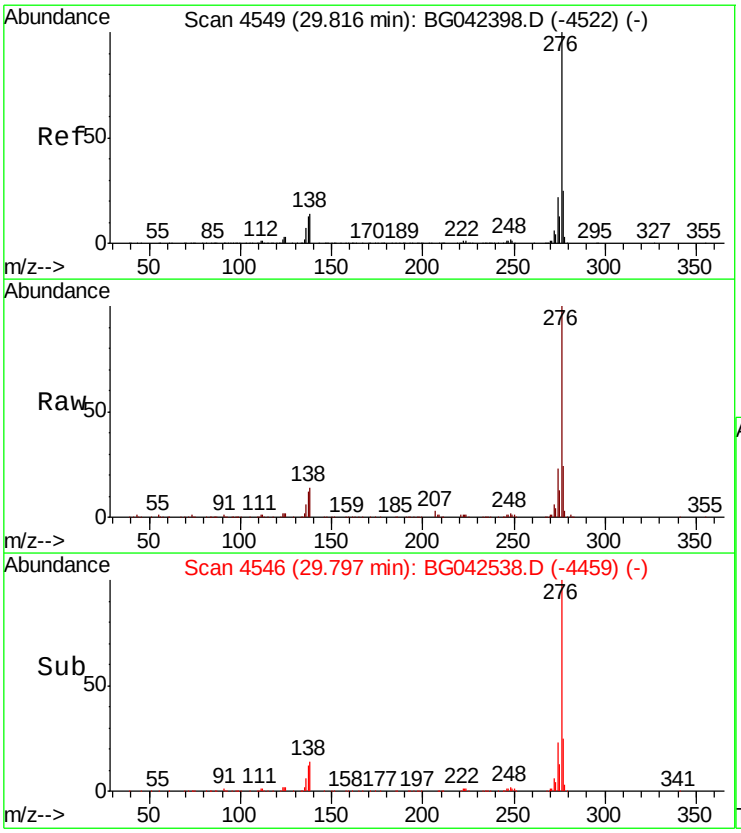

#91
Dibenzo(a,h)anthracene
Concen: 41.597 ng
RT: 28.69 min Scan# 4358
Delta R.T. -0.02 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

**Instrument :**
BNA_G
**ClientSampleId :**
S402-K1-1.0-1.5-082619MSD

Tgt Ion:278 Resp: 735460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 10.0 | 8.8 | 13.2 |
| 279 | 24.5 | 19.1 | 28.7 |




#92
Benzo(g,h,i)perylene
Concen: 42.175 ng
RT: 29.80 min Scan# 4546
Delta R.T. -0.02 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:276 Resp: 745792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.5 | 19.8 | 29.8 |
| 138 | 13.6 | 11.4 | 17.0 |