Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
Data File : BG042429.D
Acq On : 23 Aug 2019 11:43
Operator : HP/JU
Sample : PB122218BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB122218BS

**Manual Integrations APPROVED**
Jagrut
8/26/2019 2:01:39 PM

Quant Time: Aug 23 17:46:11 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 | 83507 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.83 | 136 | 335325 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.66 | 164 | 274049 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.41 | 188 | 476394 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.70 | 240 | 457551 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 24.94 | 264 | 552739 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.56 | 112 | 626712 | 152.00 | ng | | 0.00 |
| 7) Phenol-d6 | 7.17 | 99 | 661195 | 118.72 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.17 | 82 | 323223 | 66.61 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.15 | 330 | 325225 | 83.49 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.28 | 172 | 877629 | 54.16 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.03 | 244 | 1356873 | 64.11 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.42 | 88 | 80299 | 46.667 | ng | | 97 |
| 3) Pyridine | 3.82 | 79 | 193332 | 43.817 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.73 | 42 | 73677 | 46.752 | ng | # | 73 |
| 6) Aniline | 7.32 | 93 | 251442 | 33.848 | ng | | 100 |
| 8) 2-Chlorophenol | 7.56 | 128 | 231030 | 46.234 | ng | | 96 |
| 9) Benzaldehyde | 7.13 | 77 | 147964 | 53.065 | ng | | 96 |
| 10) Phenol | 7.19 | 94 | 264378 | 46.687 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 7.42 | 93 | 199559 | 44.872 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.89 | 146 | 243315 | 38.276 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 8.03 | 146 | 245814 | 38.176 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 8.36 | 146 | 237429 | 38.504 | ng | | 97 |
| 15) Benzyl Alcohol | 8.24 | 79 | 156394 | 39.031 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.53 | 45 | 245399 | 40.711 | ng | | 99 |
| 17) 2-Methylphenol | 8.45 | 107 | 178422 | 42.777 | ng | | 94 |
| 18) Hexachloroethane | 9.09 | 117 | 84035 | 38.122 | ng | | 93 |
| 19) n-Nitroso-di-n-propylamine | 8.81 | 70 | 142243 | 39.422 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.79 | 107 | 244831 | 42.420 | ng | | 97 |
| 22) Acetophenone | 8.83 | 105 | 299201 | 41.718 | ng | | 98 |
| 24) Nitrobenzene | 9.21 | 77 | 211787 | 43.100 | ng | | 99 |
| 25) Isophorone | 9.74 | 82 | 382723 | 39.965 | ng | | 98 |
| 26) 2-Nitrophenol | 9.93 | 139 | 128291 | 41.662 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 10.00 | 122 | 201392 | 47.478 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 10.22 | 93 | 260199 | 43.109 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.48 | 162 | 231705 | 41.751 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.68 | 180 | 246921 | 36.248 | ng | | 99 |
| 31) Naphthalene | 10.88 | 128 | 643318 | 41.322 | ng | | 100 |
| 32) Benzoic acid | 10.14 | 122 | 105044 | 36.484 | ng | | 94 |
| 33) 4-Chloroaniline | 10.99 | 127 | 163121 | 22.697 | ng | | 97 |
| 34) Hexachlorobutadiene | 11.17 | 225 | 156608 | 34.208 | ng | | 96 |
| 35) Caprolactam | 11.75 | 113 | 74063m | 39.995 | ng | | |
| 36) 4-Chloro-3-methylphenol | 12.12 | 107 | 202691 | 38.474 | ng | | 97 |
| 37) 2-Methylnaphthalene | 12.49 | 142 | 496818 | 39.743 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.71 | 142 | 455900 | 38.395 | ng | | 98 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.86 | 216 | 298884 | 33.961 | ng | # | 98 |

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Acq On : 23 Aug 2019 11:43
Operator : HP/JU
Sample : PB122218BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

**Manual Integrations APPROVED**
Jagrut
8/26/2019 2:01:39 PM

Quant Time: Aug 23 17:46:11 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 | 12.84 | 237 | 341855 | 73.948 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 13.10 | 196 | 189263 | 31.816 | ng | | 98 |
| 44) 2,4,5-Trichlorophenol | 13.18 | 196 | 203349 | 32.987 | ng | | 97 |
| 46) 1,1'-Biphenyl | 13.49 | 154 | 623476 | 35.195 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.53 | 162 | 497005 | 32.538 | ng | | 98 |
| 48) 2-Nitroaniline | 13.74 | 65 | 119101 | 32.334 | ng | | 96 |
| 49) Acenaphthylene | 14.39 | 152 | 785505 | 34.182 | ng | | 98 |
| 50) Dimethylphthalate | 14.11 | 163 | 589676 | 29.821 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.23 | 165 | 149105 | 32.532 | ng | | 94 |
| 52) Acenaphthene | 14.73 | 154 | 571013 | 40.921 | ng | | 99 |
| 53) 3-Nitroaniline | 14.56 | 138 | 102459 | 22.352 | ng | | 98 |
| 54) 2,4-Dinitrophenol | 14.78 | 184 | 184269 | 61.235 | ng | | 95 |
| 55) Dibenzofuran | 15.06 | 168 | 909820 | 39.390 | ng | | 99 |
| 56) 4-Nitrophenol | 14.89 | 139 | 294069 | 90.284 | ng | | 91 |
| 57) 2,4-Dinitrotoluene | 15.03 | 165 | 251031 | 38.248 | ng | | 97 |
| 58) Fluorene | 15.71 | 166 | 723056 | 38.295 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.29 | 232 | 216260 | 35.474 | ng | # | 86 |
| 60) Diethylphthalate | 15.48 | 149 | 713506 | 36.912 | ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.70 | 204 | 393360 | 34.560 | ng | | 99 |
| 62) 4-Nitroaniline | 15.73 | 138 | 190074 | 38.744 | ng | | 91 |
| 63) Azobenzene | 16.00 | 77 | 558571 | 42.171 | ng | | 95 |
| 65) 4,6-Dinitro-2-methylphenol | 15.80 | 198 | 148345 | 49.667 | ng | | 94 |
| 66) n-Nitrosodiphenylamine | 15.92 | 169 | 664148 | 50.694 | ng | | 97 |
| 67) 4-Bromophenyl-phenylether | 16.60 | 248 | 259519 | 42.947 | ng | | 98 |
| 68) Hexachlorobenzene | 16.72 | 284 | 267349 | 40.699 | ng | # | 92 |
| 69) Atrazine | 16.87 | 200 | 232118 | 50.101 | ng | | 98 |
| 70) Pentachlorophenol | 17.07 | 266 | 317603 | 93.054 | ng | | 98 |
| 71) Phenanthrene | 17.46 | 178 | 980779 | 41.447 | ng | | 98 |
| 72) Anthracene | 17.55 | 178 | 993897 | 42.073 | ng | | 99 |
| 73) Carbazole | 17.82 | 167 | 873268 | 41.478 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.38 | 149 | 1016523 | 40.845 | ng | | 99 |
| 75) Fluoranthene | 19.47 | 202 | 1190560 | 41.225 | ng | | 96 |
| 77) Benzidine | 19.64 | 184 | 720550 | 54.928 | ng | | 99 |
| 78) Pyrene | 19.83 | 202 | 1163352 | 41.471 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.71 | 149 | 467078 | 42.333 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.67 | 228 | 1127881 | 40.522 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.58 | 252 | 321344 | 28.706 | ng | # | 99 |
| 83) Chrysene | 21.74 | 228 | 1081119 | 40.275 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 21.58 | 149 | 681644 | 44.495 | ng | | 100 |
| 85) Di-n-octyl phthalate | 22.79 | 149 | 1129584 | 42.871 | ng | | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 28.65 | 276 | 1471013 | 40.325 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 23.90 | 252 | 1206931 | 39.718 | ng | # | 97 |
| 89) Benzo(k)fluoranthene | 23.97 | 252 | 1214817 | 41.591 | ng | # | 98 |
| 90) Benzo(a)pyrene | 24.79 | 252 | 1199053 | 41.583 | ng | # | 98 |
| 91) Dibenzo(a,h)anthracene | 28.71 | 278 | 1230835 | 42.158 | ng | # | 96 |
| 92) Benzo(g,h,i)perylene | 29.80 | 276 | 1219694 | 41.770 | ng | # | 96 |

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

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Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
Data File : BG042429.D
Acq On : 23 Aug 2019 11:43
Operator : HP/JU
Sample : PB122218BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 23 17:46:11 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

**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

**Manual Integrations APPROVED**
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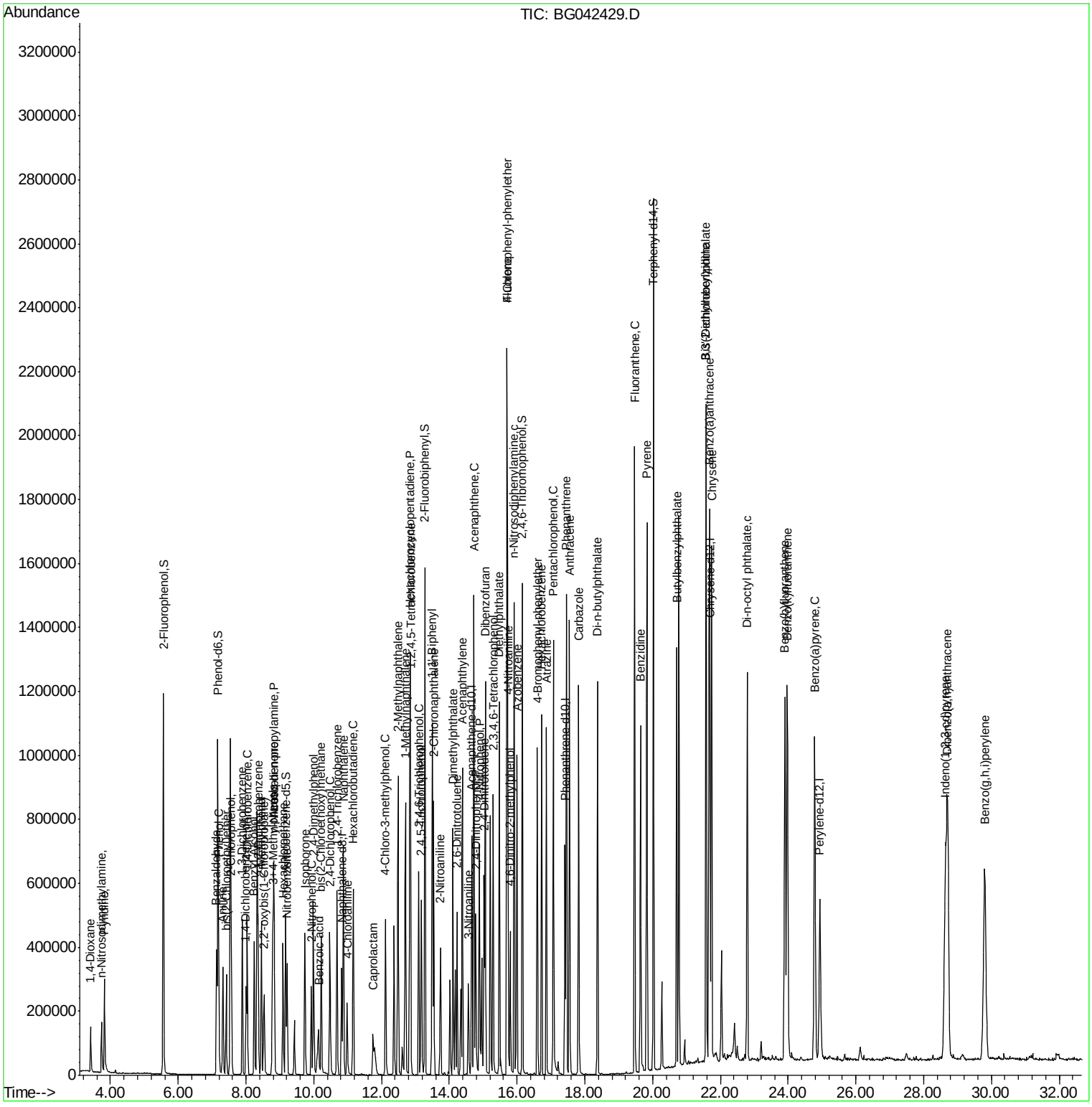
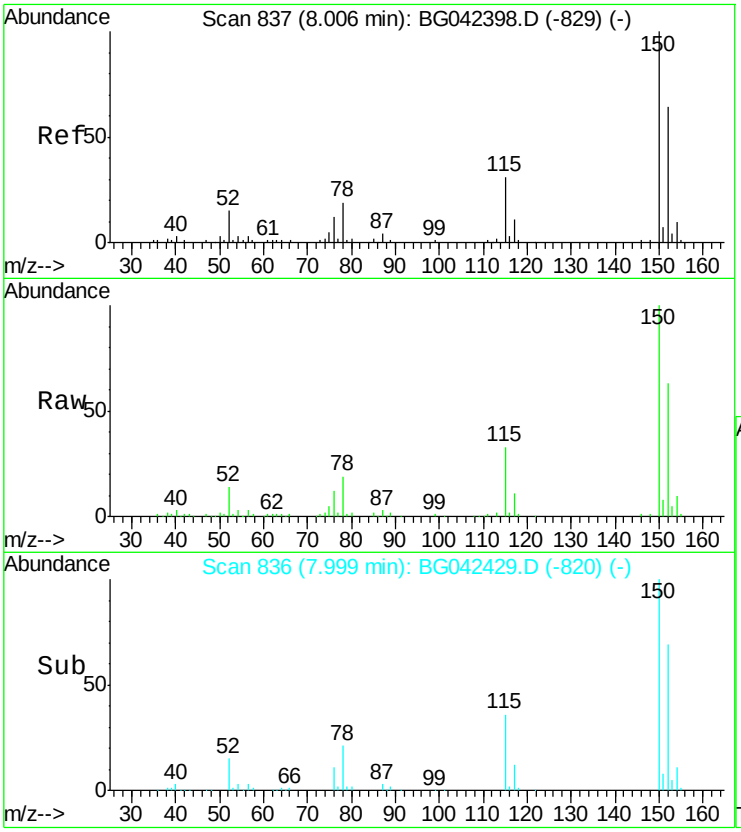
8/26/2019 2:01:39 PM

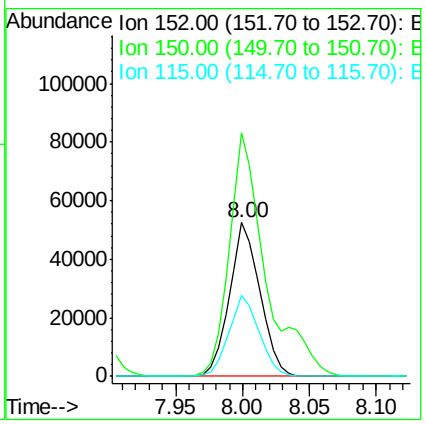





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:152 Resp: 83507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.4 | 125.4 | 188.0 |
| 115 | 52.4 | 38.5 | 57.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

**Manual Integrations APPROVED**
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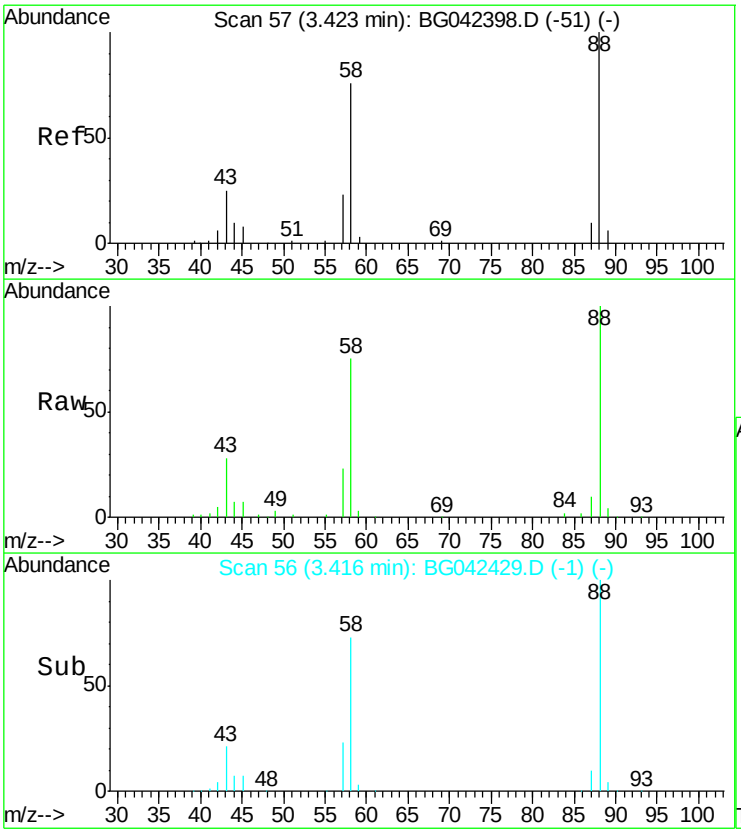
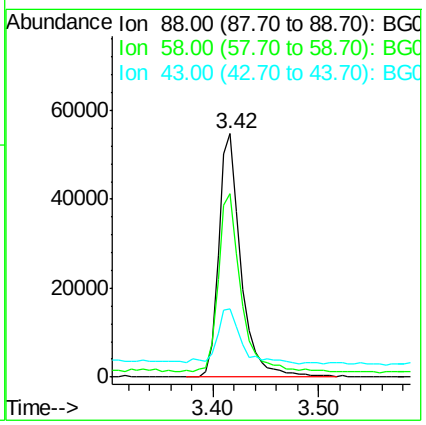
8/26/2019 2:01:39 PM

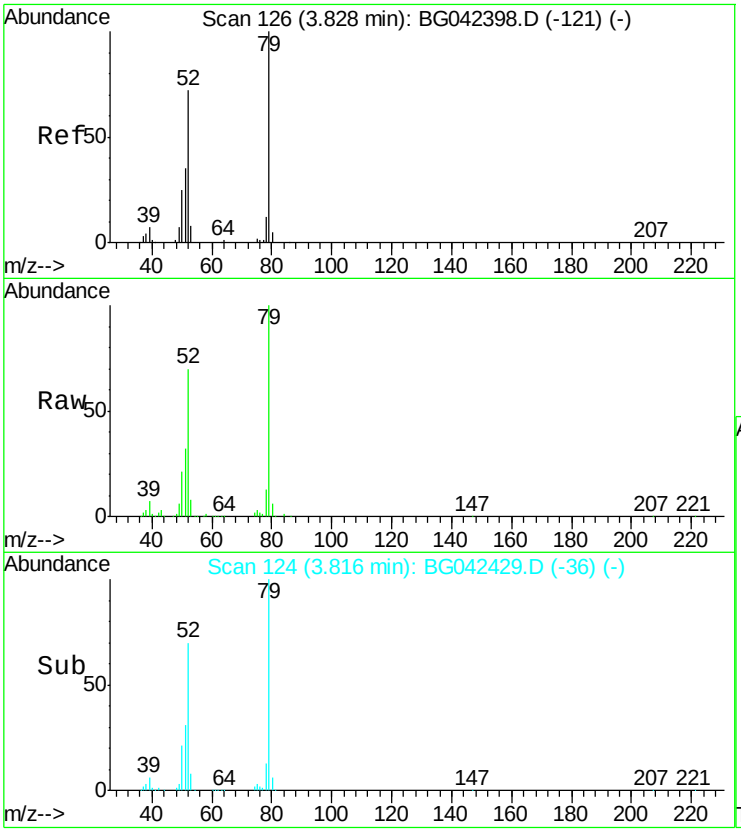



#2
1,4-Dioxane
Concen: 46.667 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion: 88 Resp: 80299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 75.5 | 58.3 | 87.5 |
| 43 | 23.7 | 20.2 | 30.2 |

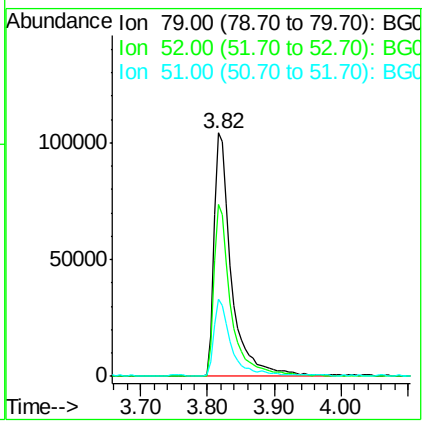





#3
Pyridine
Concen: 43.817 ng
RT: 3.82 min Scan# 124
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion: 79 Resp: 193332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 70.4 | 57.7 | 86.5 |
| 51 | 31.9 | 28.8 | 43.2 |




**Instrument :**
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**ClientSampleId :**
PB122218BS

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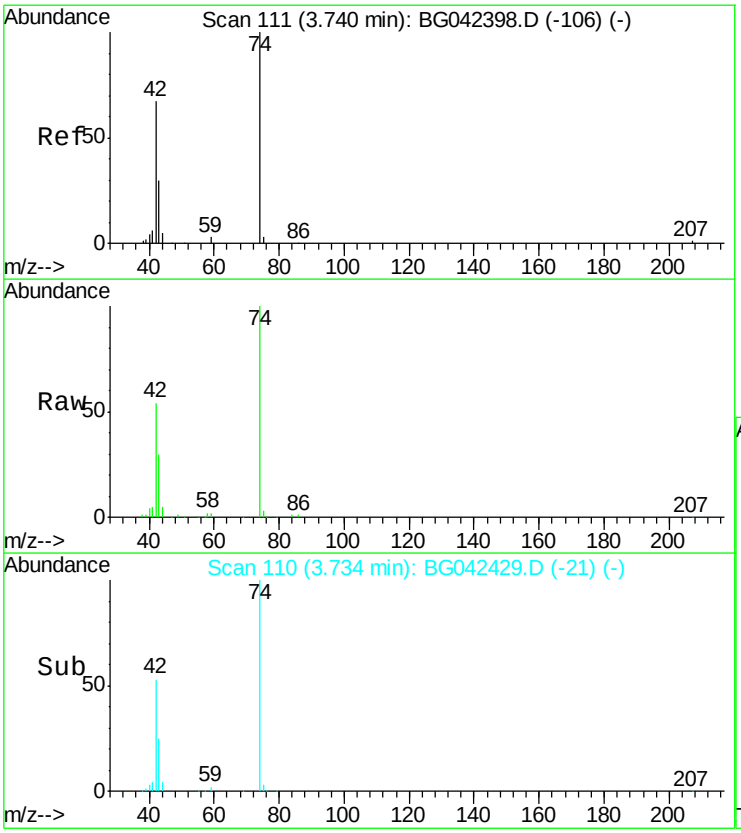
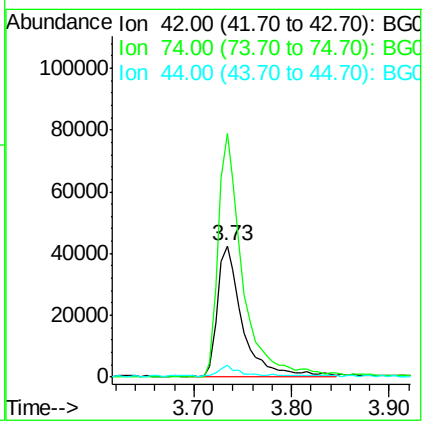
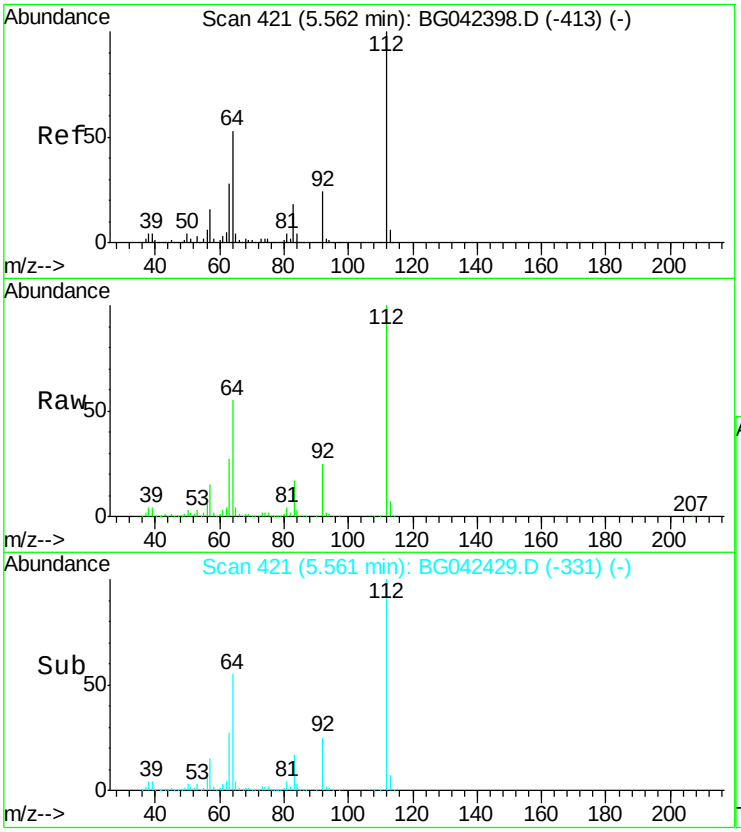



#4
n-Nitrosodimethylamine
Concen: 46.752 ng
RT: 3.73 min Scan# 110
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion: 42 Resp: 73677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 185.0 | 119.6 | 179.4# |
| 44 | 9.1 | 6.5 | 9.7 |

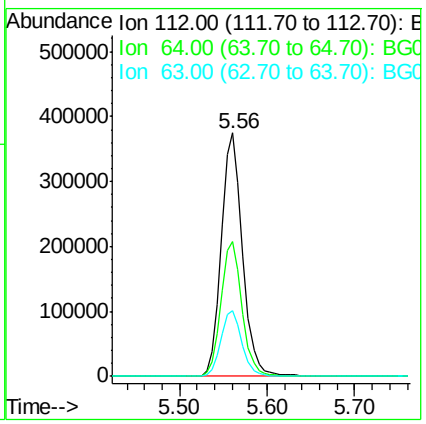





#5
2-Fluorophenol
Concen: 151.996 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:112 Resp: 626712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.2 | 42.8 | 64.2 |
| 63 | 27.2 | 22.7 | 34.1 |




**Instrument :**
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**ClientSampleId :**
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Jagrut
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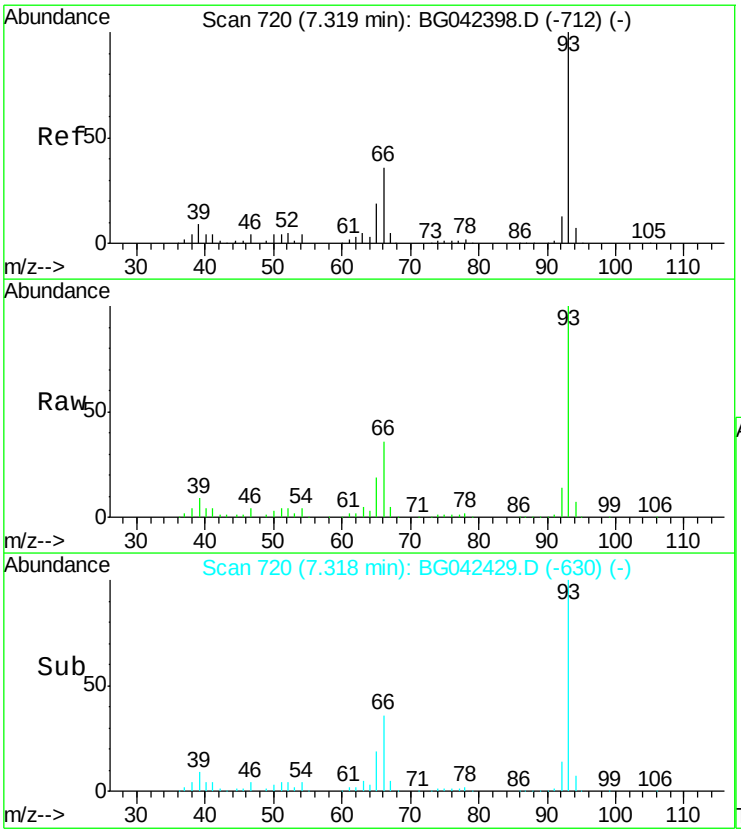
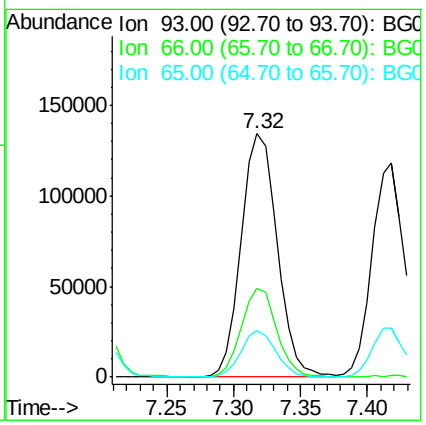
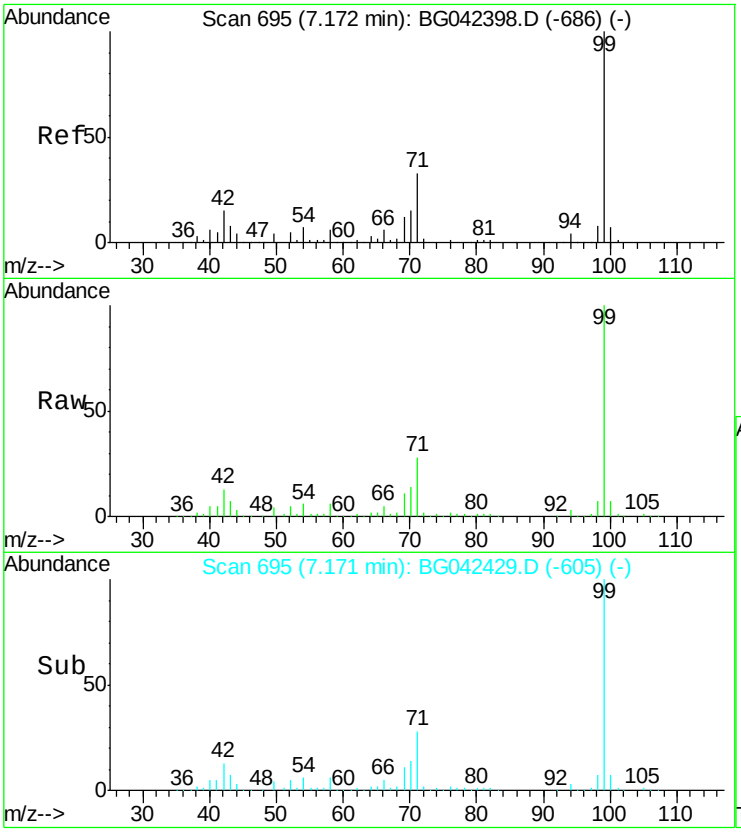



#6
Aniline
Concen: 33.848 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion: 93 Resp: 251442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 36.5 | 29.0 | 43.6 |
| 65 | 18.9 | 15.2 | 22.8 |

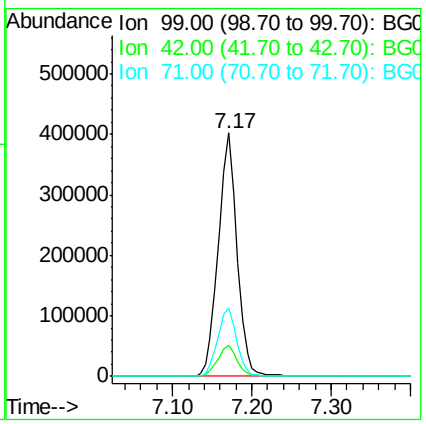





#7
Phenol-d6
Concen: 118.717 ng
RT: 7.17 min Scan# 695
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

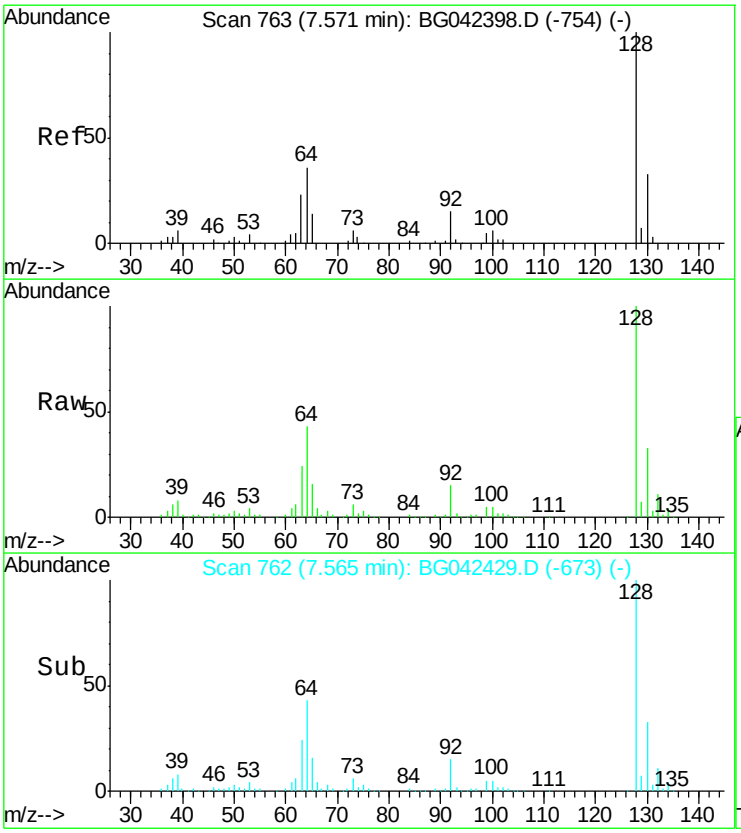
Tgt Ion: 99 Resp: 661195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 12.8 | 12.0 | 18.0 |
| 71 | 28.0 | 26.3 | 39.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

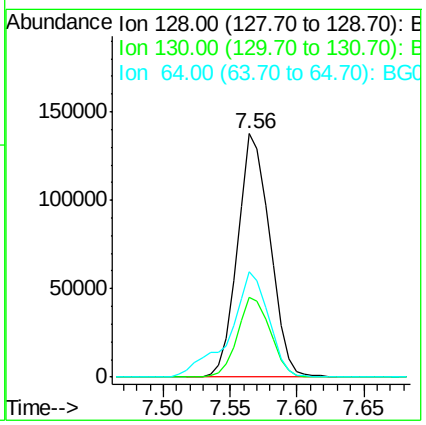
**Manual Integrations APPROVED**
Jagrut
8/26/2019 2:01:39 PM

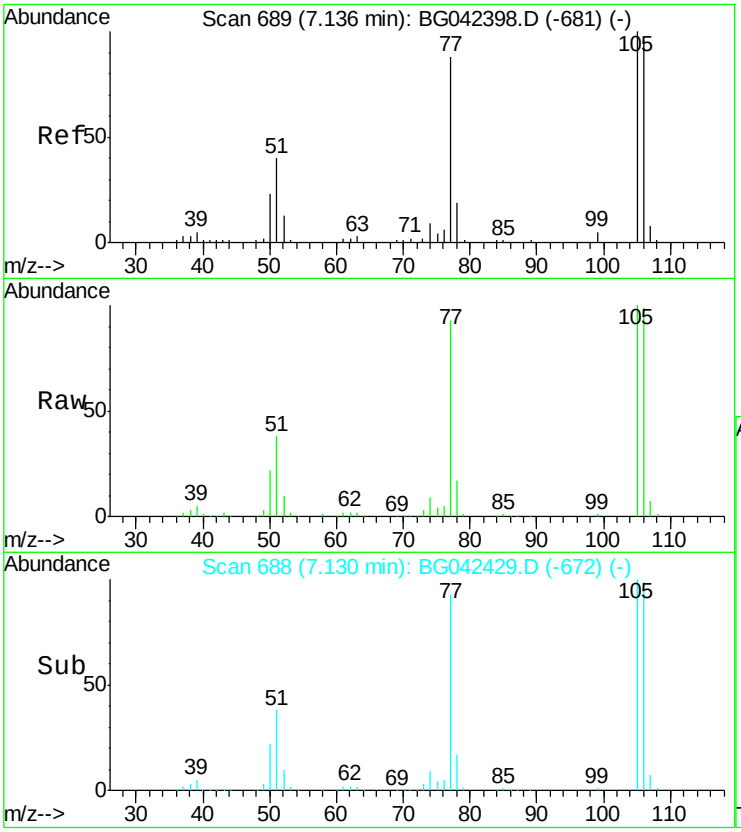



#8
2-Chlorophenol
Concen: 46.234 ng
RT: 7.56 min Scan# 762
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:128 Resp: 231030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.6 | 12.8 | 52.8 |
| 64 | 43.1 | 19.2 | 59.2 |

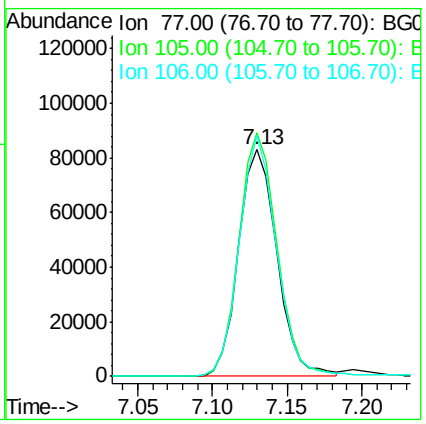





#9
Benzaldehyde
Concen: 53.065 ng
RT: 7.13 min Scan# 688
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

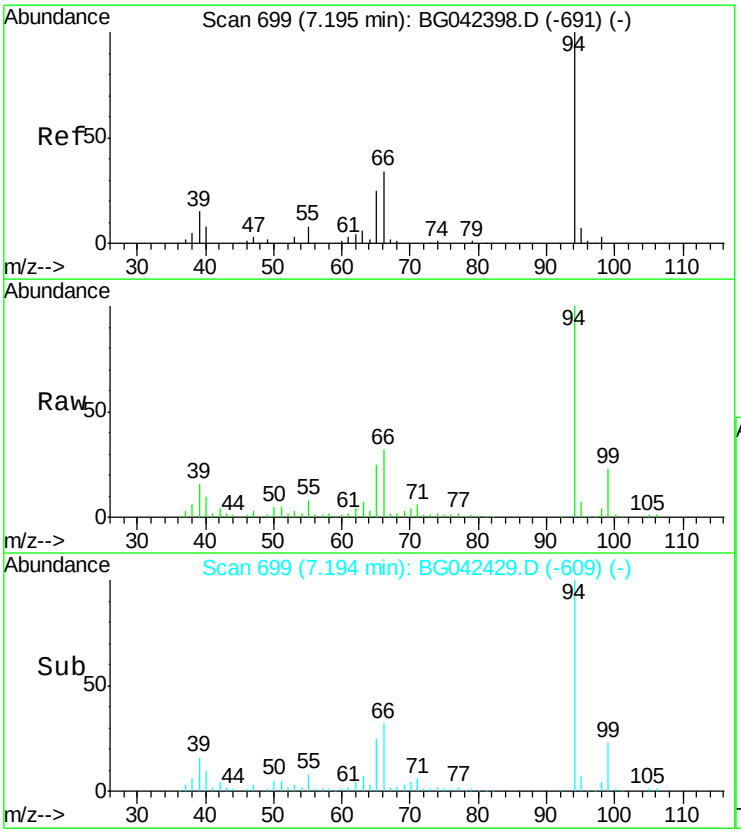
Tgt Ion: 77 Resp: 147964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 107.4 | 93.4 | 133.4 |
| 106 | 106.3 | 88.4 | 128.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

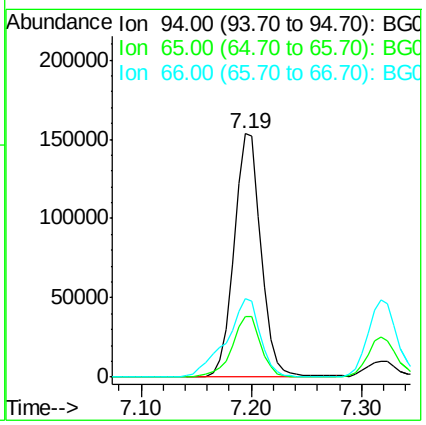
**Manual Integrations APPROVED**
Jagrut
8/26/2019 2:01:39 PM

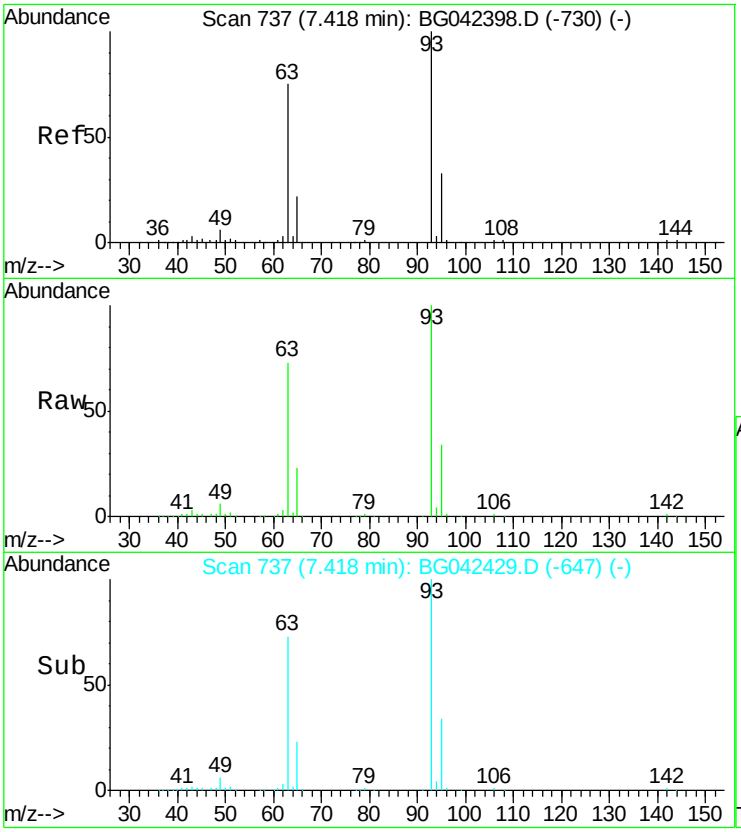



#10
Phenol
Concen: 46.687 ng
RT: 7.19 min Scan# 699
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion: 94 Resp: 264378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 24.9 | 5.6 | 45.6 |
| 66 | 32.0 | 16.0 | 56.0 |

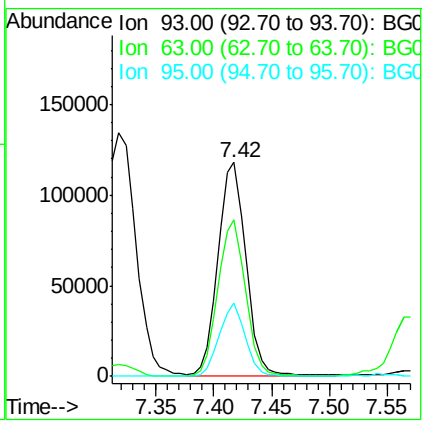





#11
bis(2-Chloroethyl)ether
Concen: 44.872 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion: 93 Resp: 199559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 73.2 | 53.8 | 93.8 |
| 95 | 34.2 | 13.1 | 53.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

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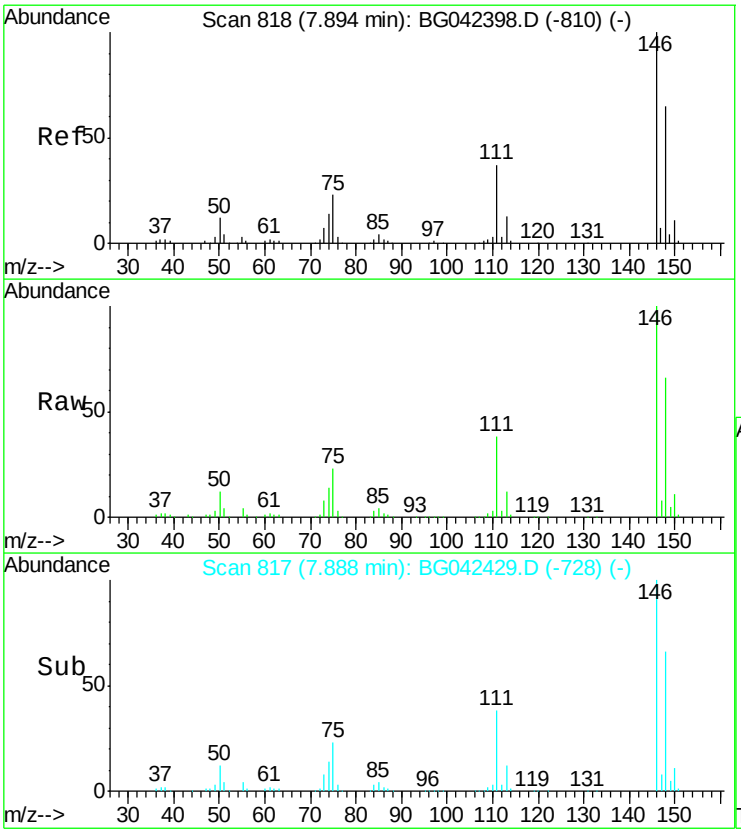
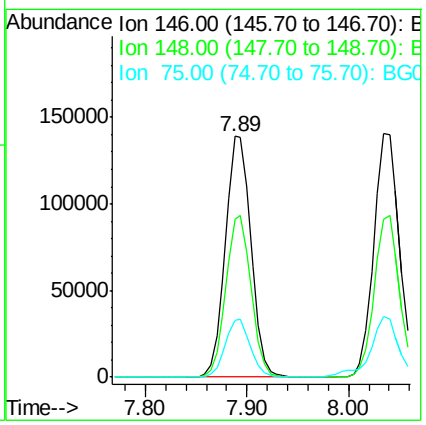
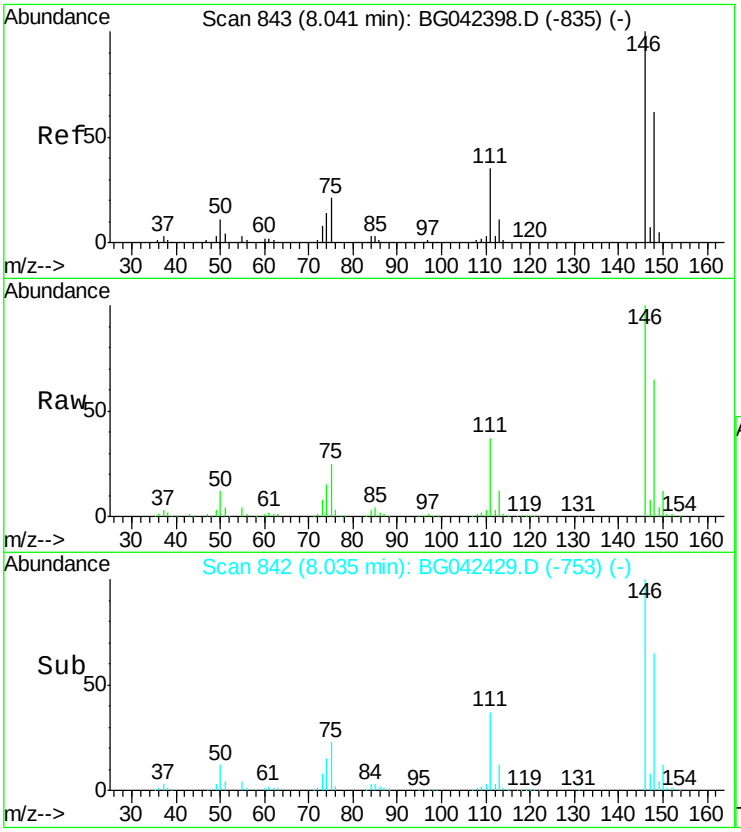



#12
1,3-Dichlorobenzene
Concen: 38.276 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:146 Resp: 243315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.6 | 52.2 | 78.2 |
| 75 | 23.4 | 18.0 | 27.0 |

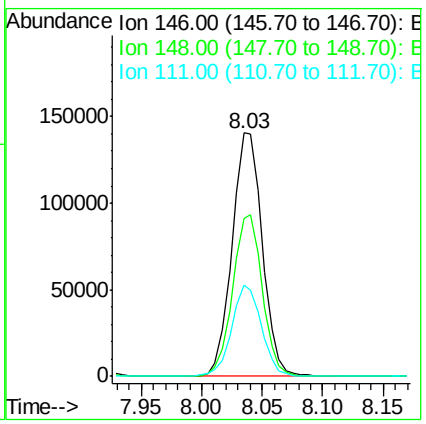





#13
1,4-Dichlorobenzene
Concen: 38.176 ng
RT: 8.03 min Scan# 842
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:146 Resp: 245814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.9 | 49.5 | 74.3 |
| 111 | 37.3 | 28.1 | 42.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

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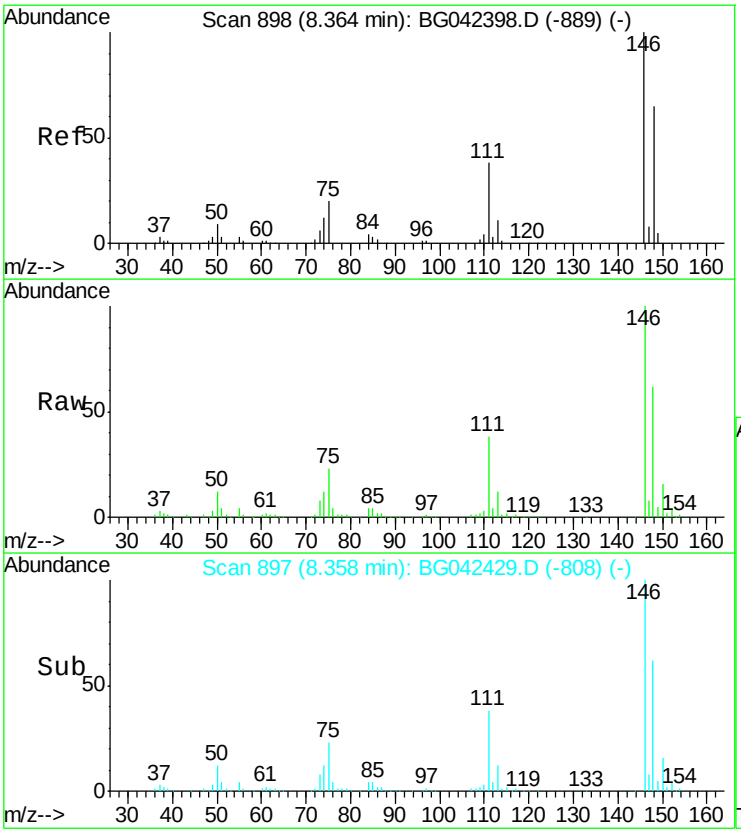
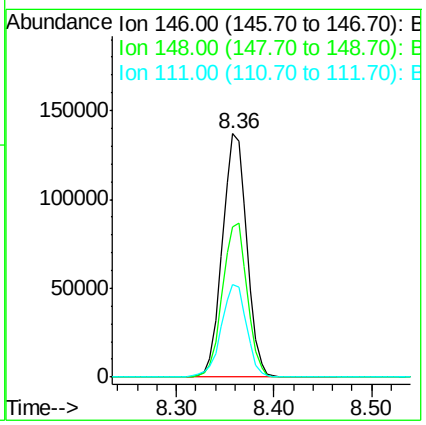
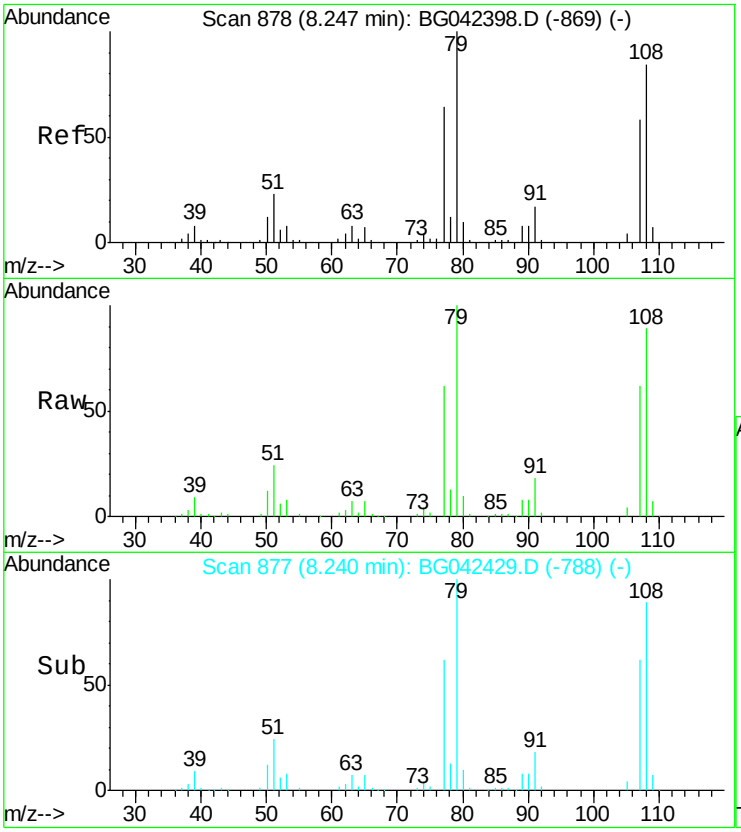



#14
1,2-Dichlorobenzene
Concen: 38.504 ng
RT: 8.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:146 Resp: 237429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 61.8 | 51.8 | 77.6 |
| 111 | 37.9 | 30.9 | 46.3 |






#15
Benzyl Alcohol
Concen: 39.031 ng
RT: 8.24 min Scan# 877
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion: 79 Resp: 156394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 88.5 | 67.4 | 101.2 |
| 77 | 62.4 | 50.8 | 76.2 |

**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

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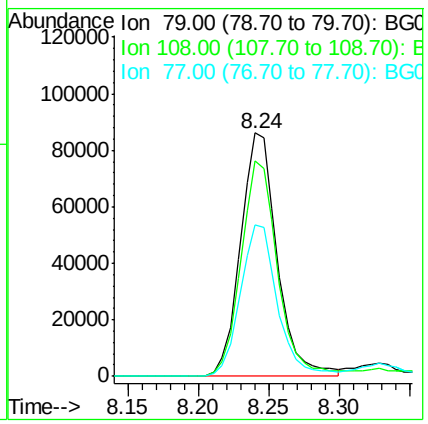
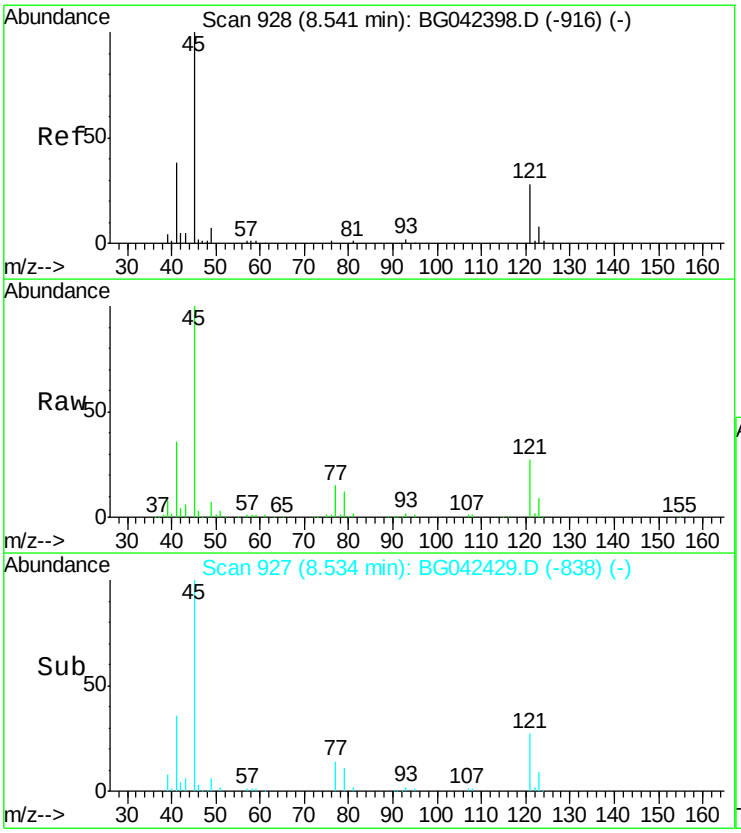
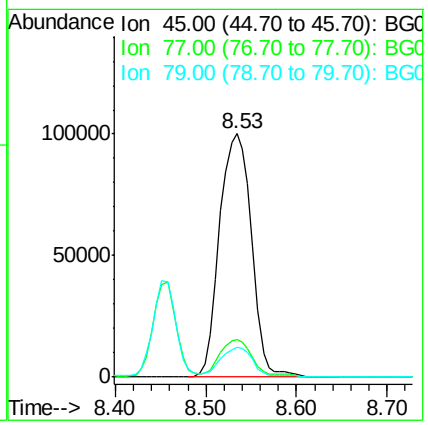


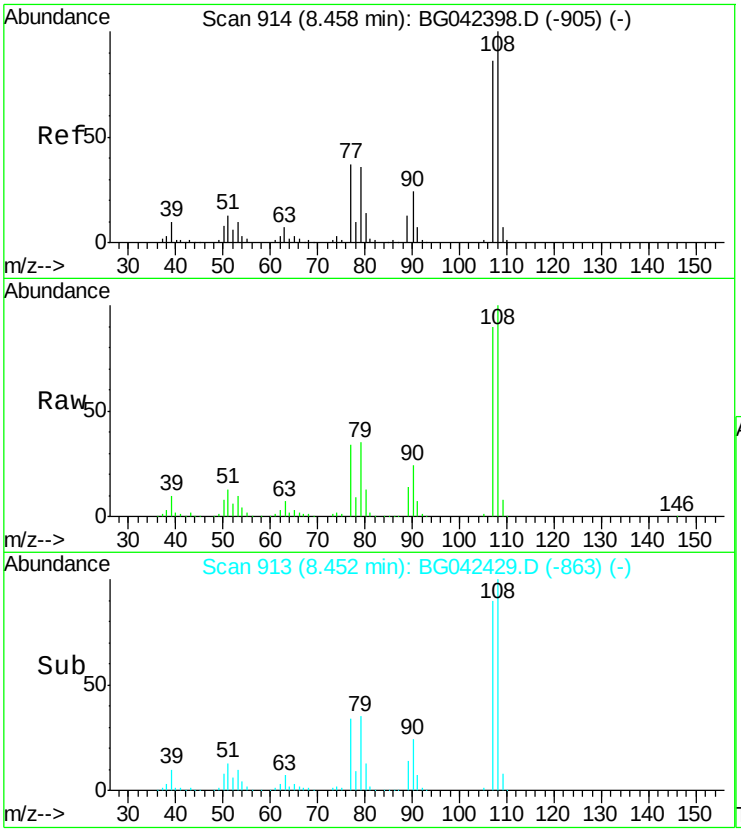




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.711 ng
RT: 8.53 min Scan# 927
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion: 45 Resp: 245399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 15.2 | 0.0 | 35.6 |
| 79 | 12.2 | 0.0 | 31.6 |

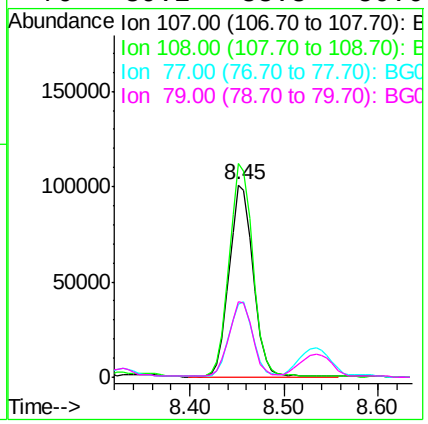





#17
2-Methylphenol
Concen: 42.777 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:107 Resp: 178422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 110.9 | 92.9 | 139.3 |
| 77 | 37.6 | 34.4 | 51.6 |
| 79 | 39.2 | 33.8 | 50.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

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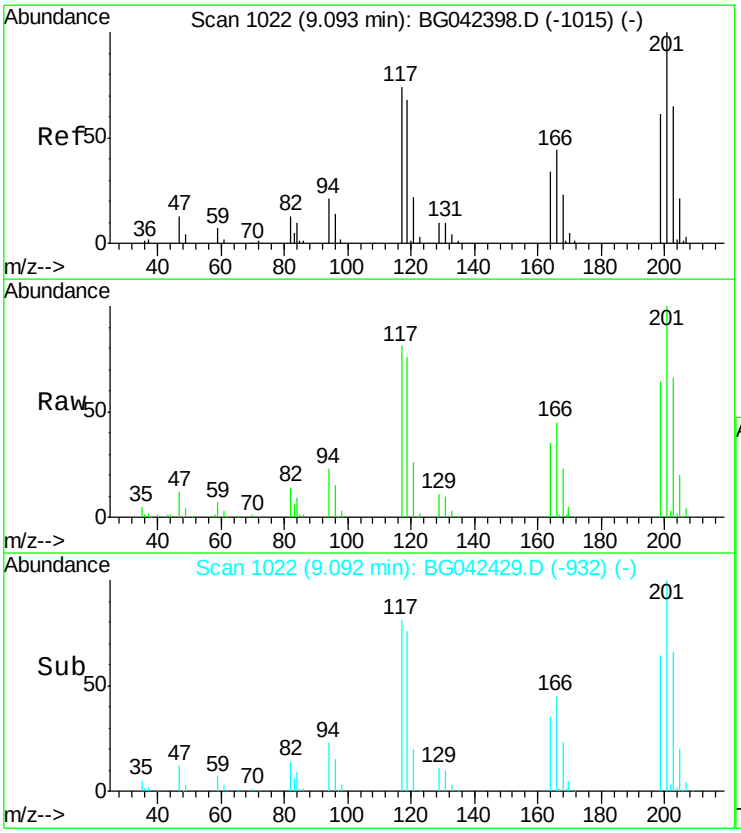
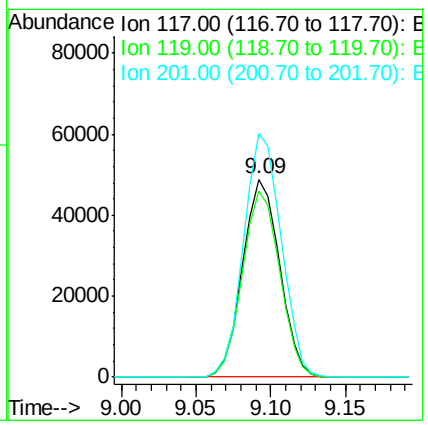
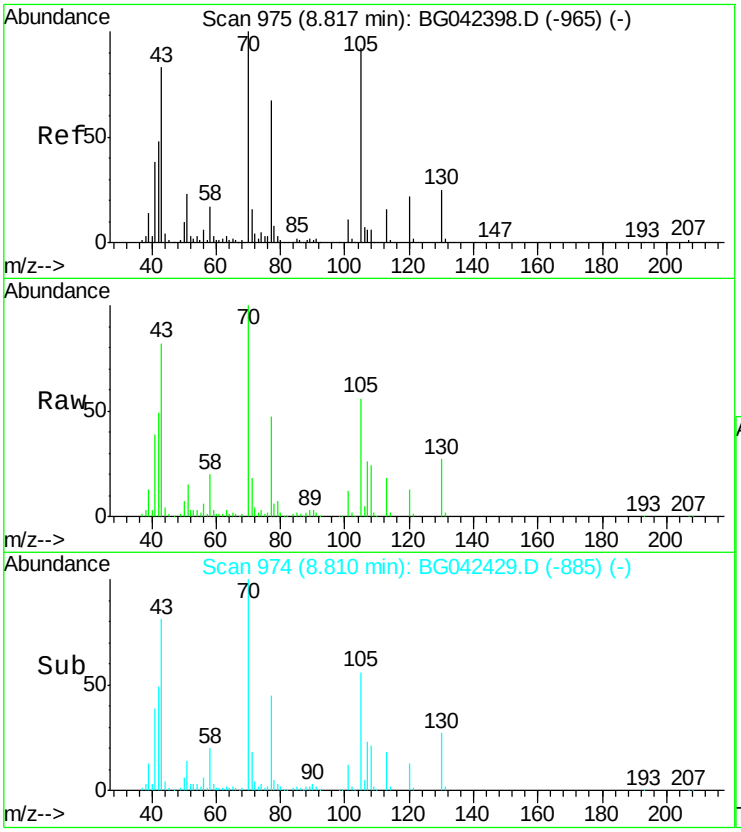



#18
Hexachloroethane
Concen: 38.122 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:117 Resp: 84035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 93.8 | 73.8 | 110.8 |
| 201 | 122.9 | 108.3 | 162.5 |

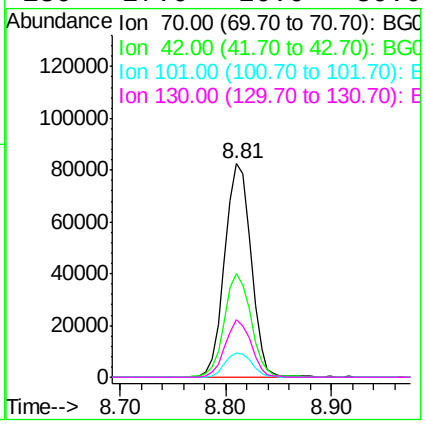





#19
n-Nitroso-di-n-propylamine
Concen: 39.422 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion: 70 Resp: 142243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 48.8 | 38.8 | 58.2 |
| 101 | 11.5 | 9.0 | 13.6 |
| 130 | 27.0 | 20.0 | 30.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

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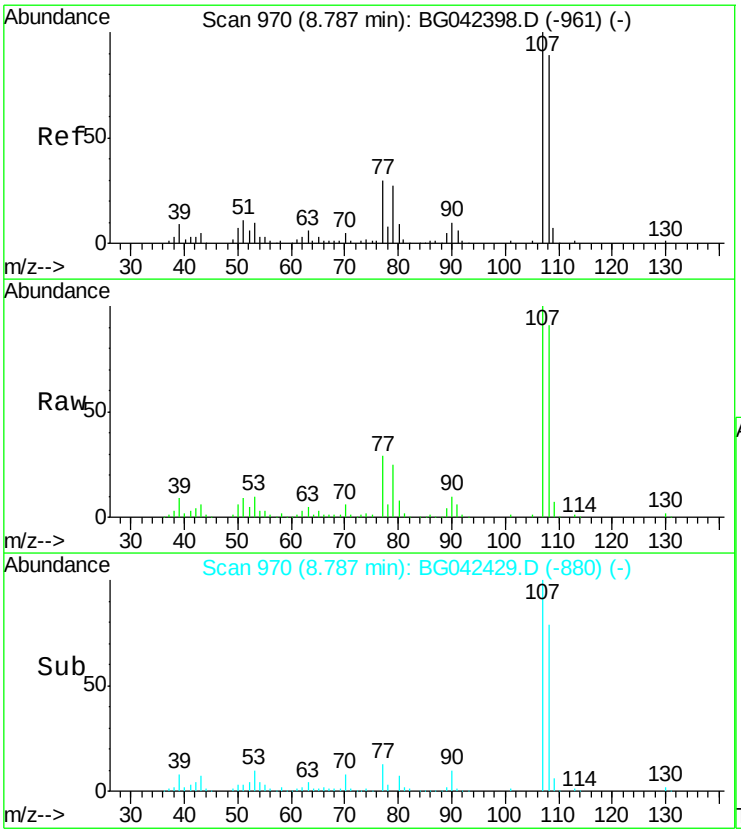
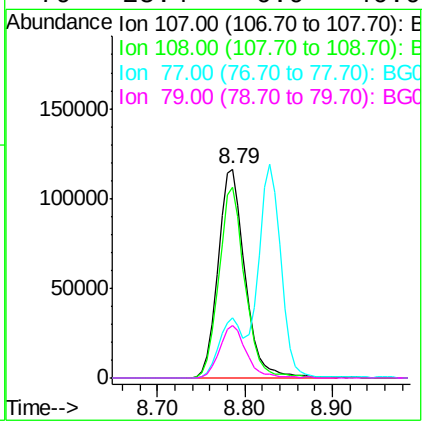
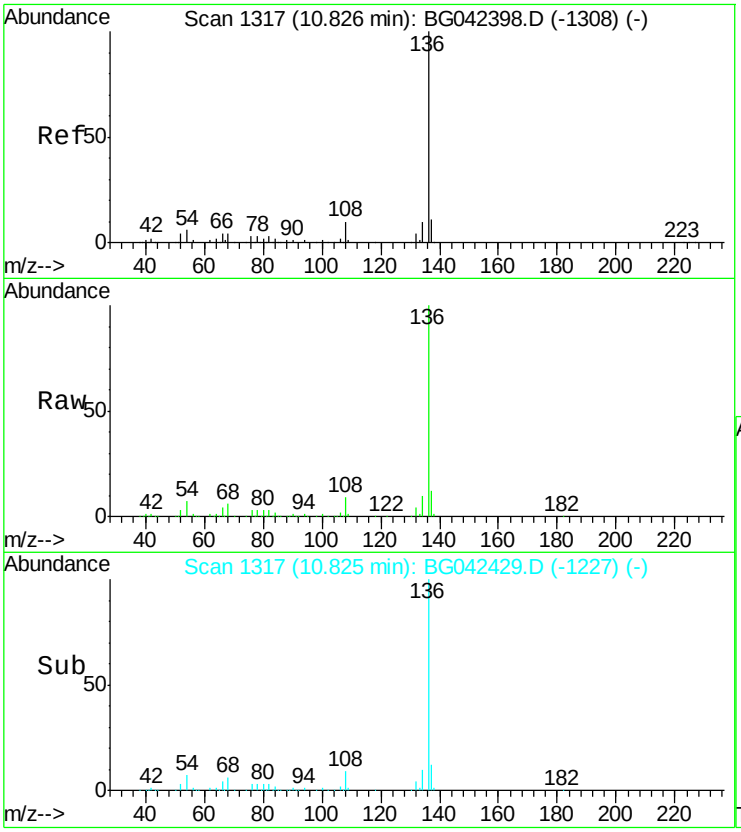



#20
3+4-Methylphenols
Concen: 42.420 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:107 Resp: 244831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 91.4 | 68.7 | 108.7 |
| 77 | 28.8 | 10.2 | 50.2 |
| 79 | 25.4 | 6.9 | 46.9 |

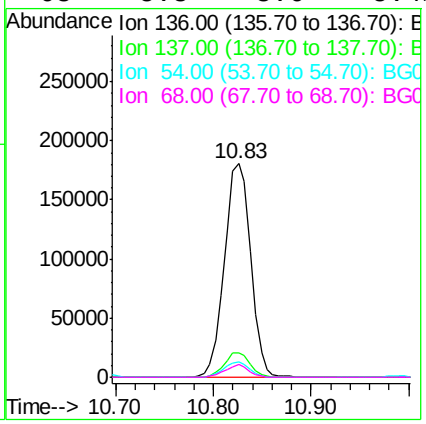





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:136 Resp: 335325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.5 | 8.7 | 13.1 |
| 54 | 7.3 | 4.9 | 7.3 |
| 68 | 5.8 | 3.6 | 5.4# |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

**Manual Integrations APPROVED**
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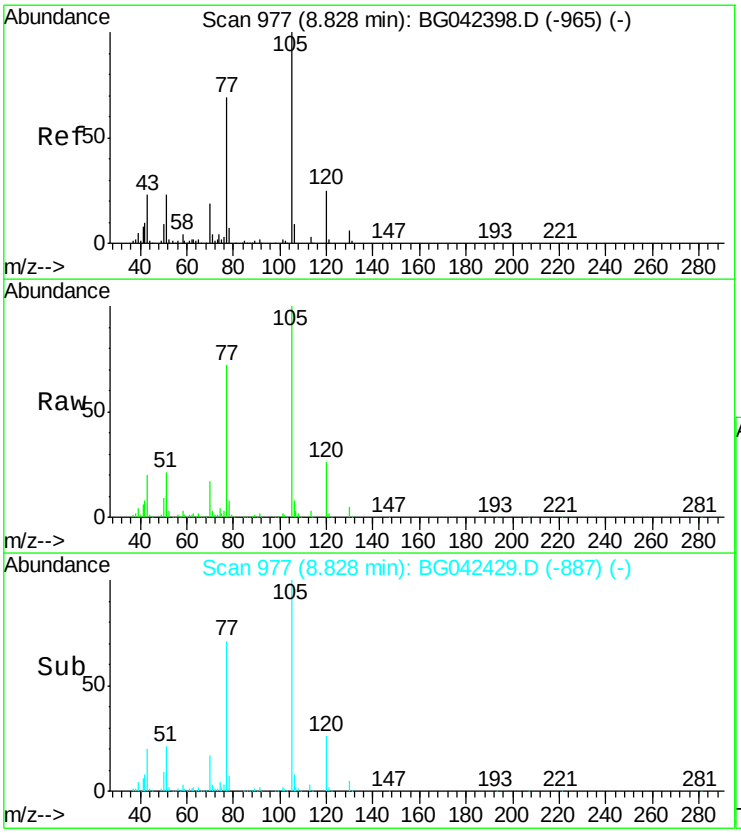
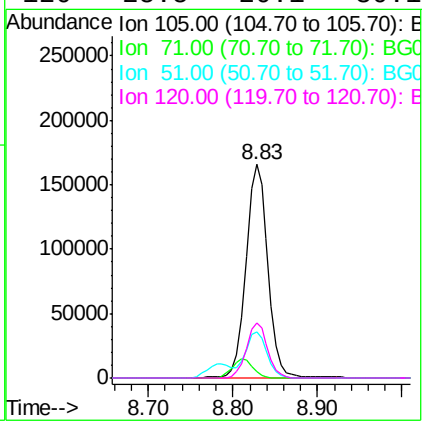
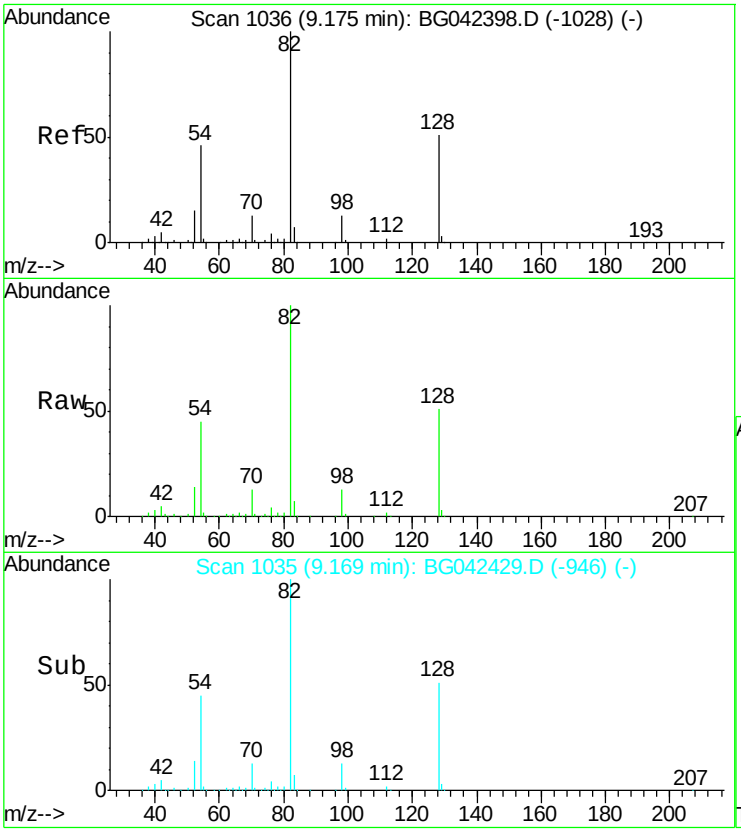



#22
Acetophenone
Concen: 41.718 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:105 Resp: 299201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 2.9 | 2.8 | 4.2 |
| 51 | 21.5 | 18.7 | 28.1 |
| 120 | 25.5 | 20.1 | 30.1 |

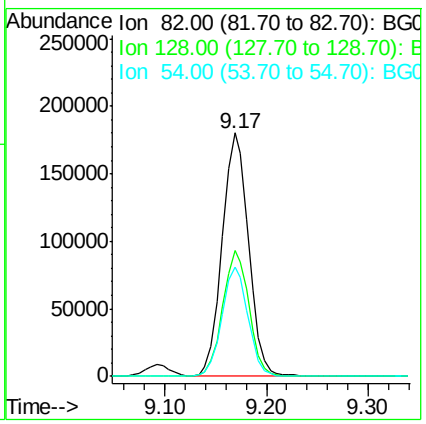





#23
Nitrobenzene-d5
Concen: 66.610 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion: 82 Resp: 323223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 51.5 | 40.7 | 61.1 |
| 54 | 44.9 | 36.3 | 54.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

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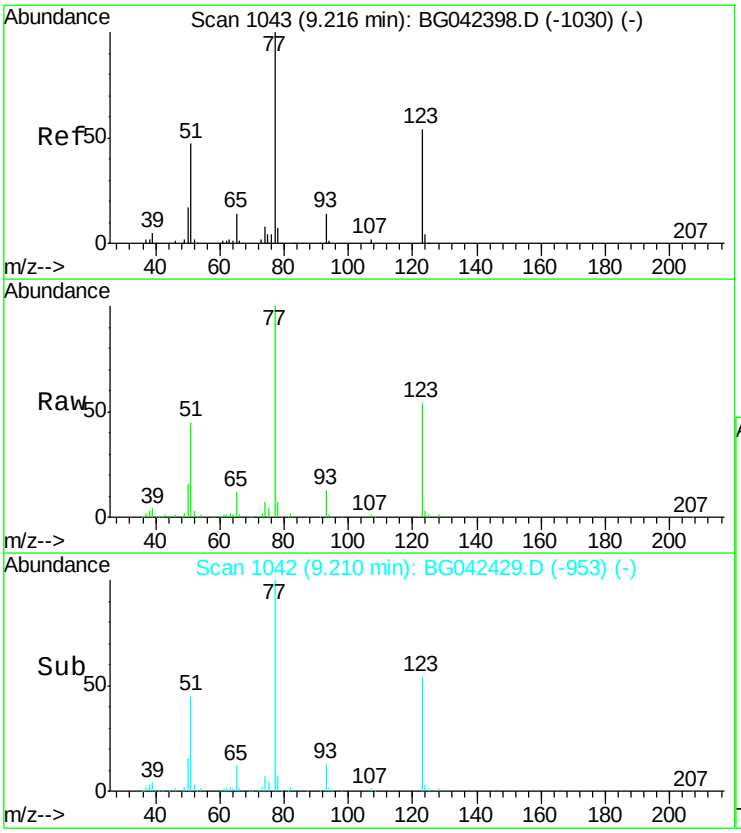
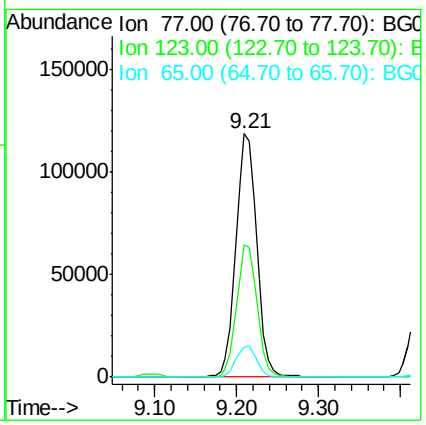
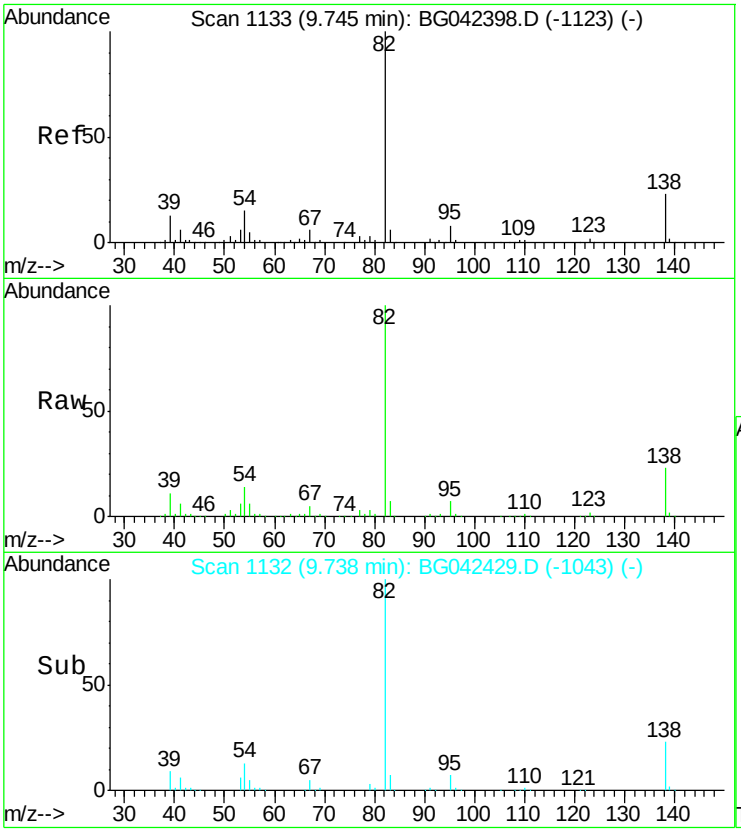



#24
Nitrobenzene
Concen: 43.100 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion: 77 Resp: 211787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 54.3 | 43.4 | 65.0 |
| 65 | 12.5 | 11.0 | 16.6 |

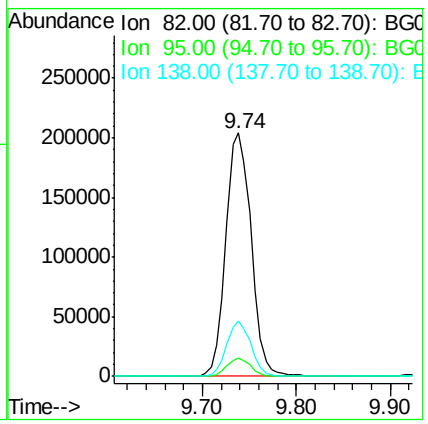





#25
Isophorone
Concen: 39.965 ng
RT: 9.74 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion: 82 Resp: 382723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.4 | 6.6 | 9.8 |
| 138 | 22.5 | 18.6 | 27.8 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

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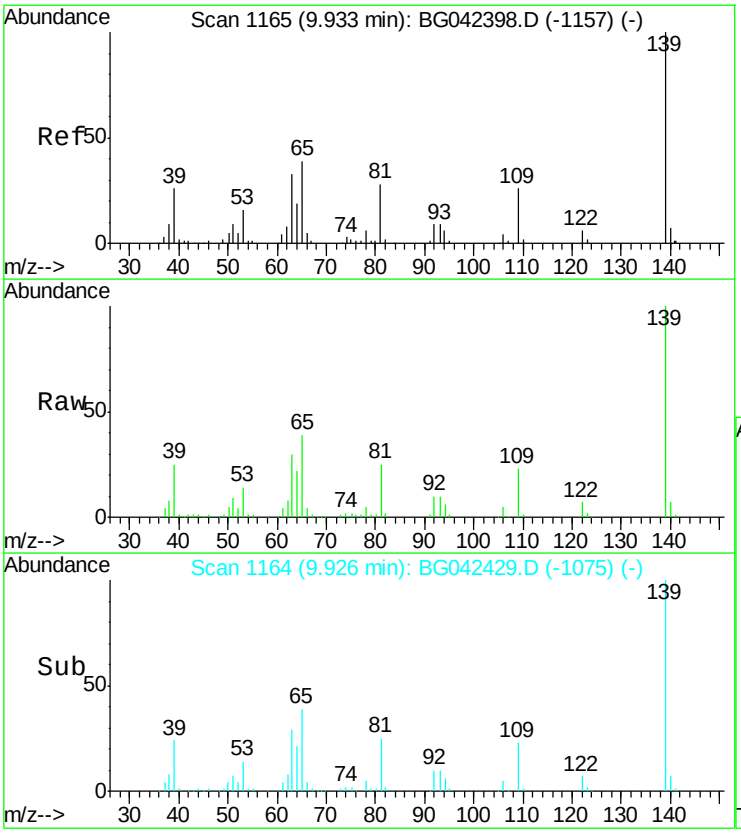
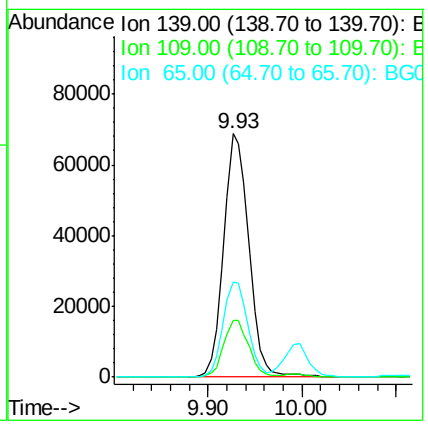
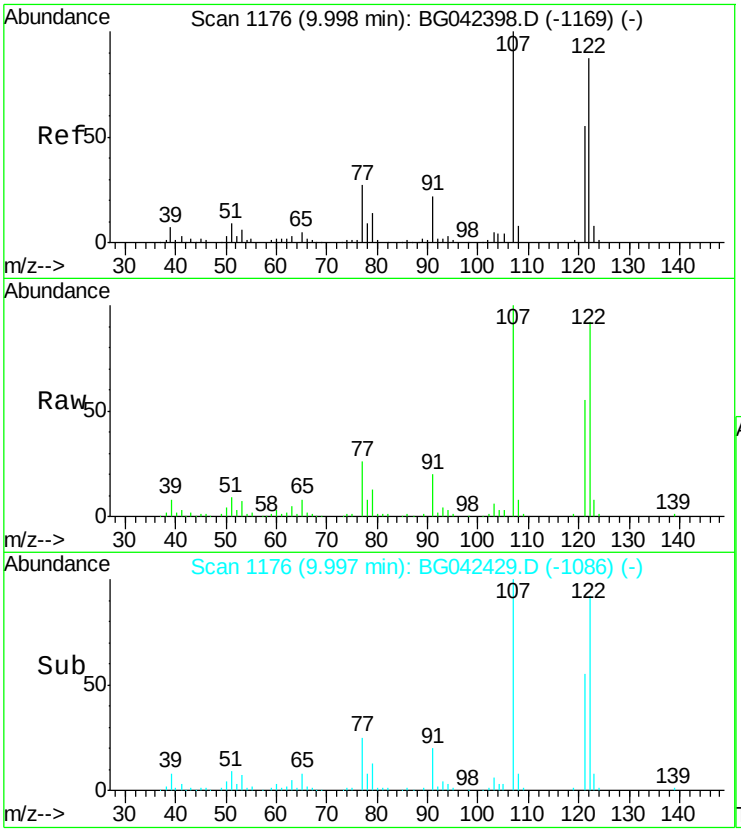



#26
2-Nitrophenol
Concen: 41.662 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:139 Resp: 128291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 23.2 | 20.5 | 30.7 |
| 65 | 39.2 | 30.9 | 46.3 |

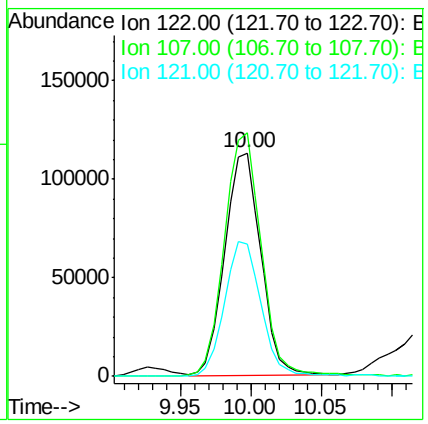





#27
2,4-Dimethylphenol
Concen: 47.478 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:122 Resp: 201392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 109.0 | 90.8 | 136.2 |
| 121 | 59.4 | 49.6 | 74.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

**Manual Integrations APPROVED**
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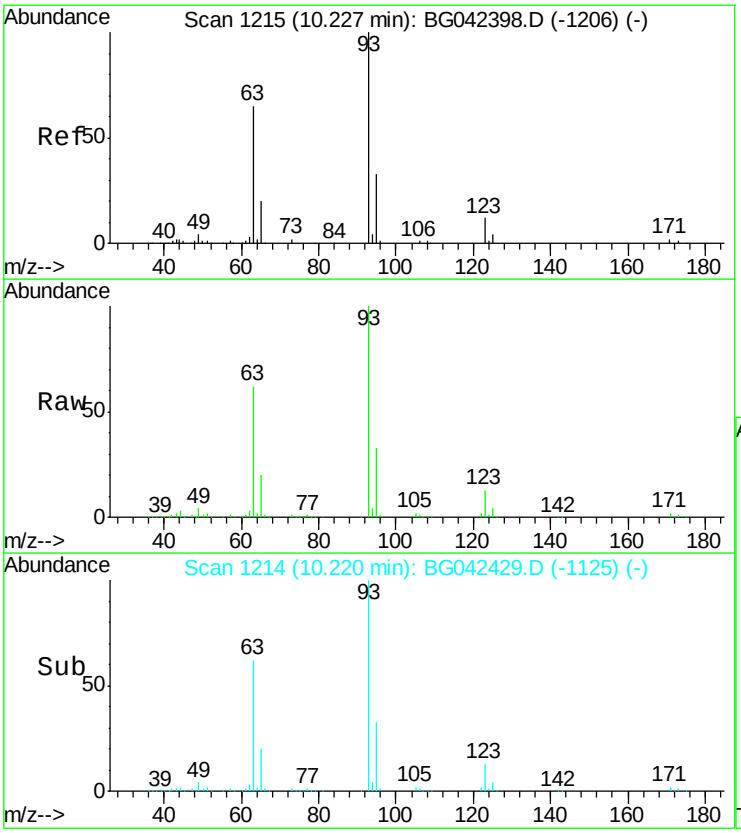
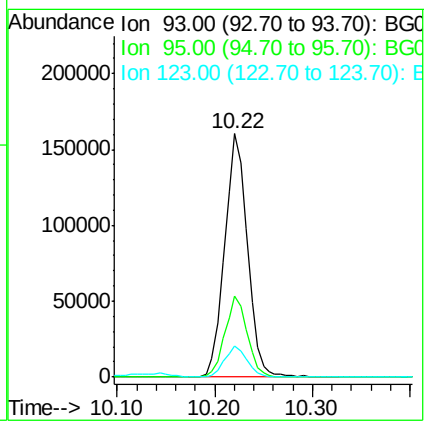
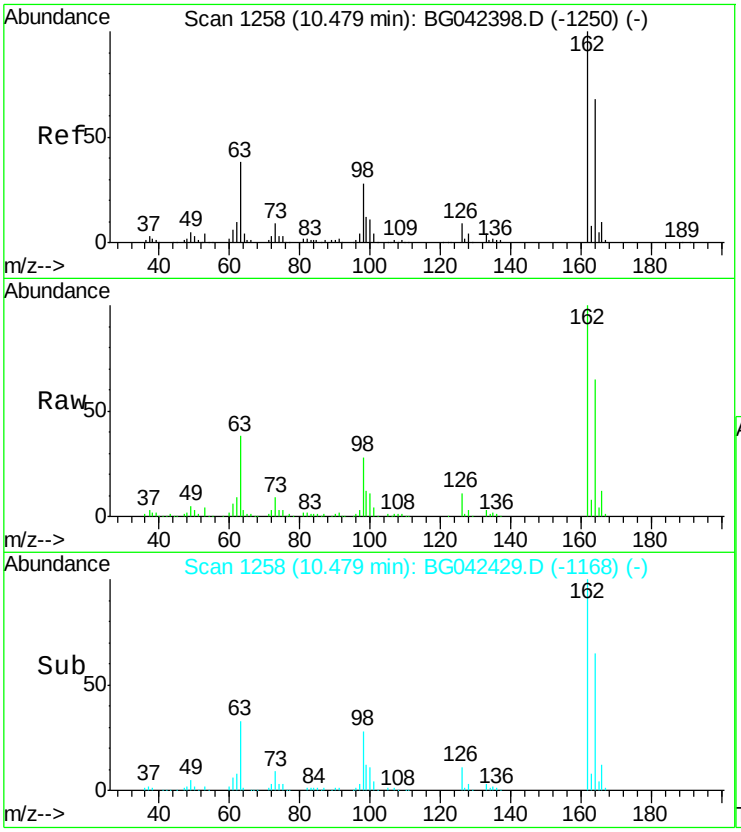



#28
bis(2-Chloroethoxy)methane
Concen: 43.109 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion: 93 Resp: 260199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.1 | 26.6 | 40.0 |
| 123 | 12.8 | 10.1 | 15.1 |






#29
2,4-Dichlorophenol
Concen: 41.751 ng
RT: 10.48 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:162 Resp: 231705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 65.3 | 48.1 | 88.1 |
| 98 | 28.2 | 7.6 | 47.6 |

**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

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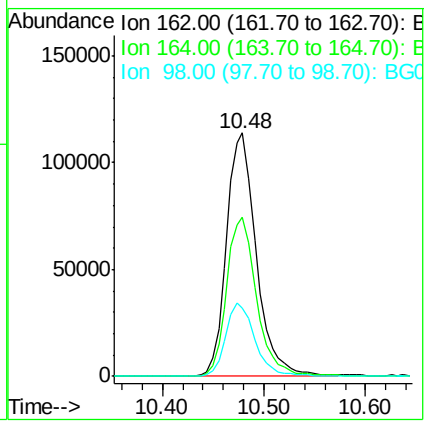
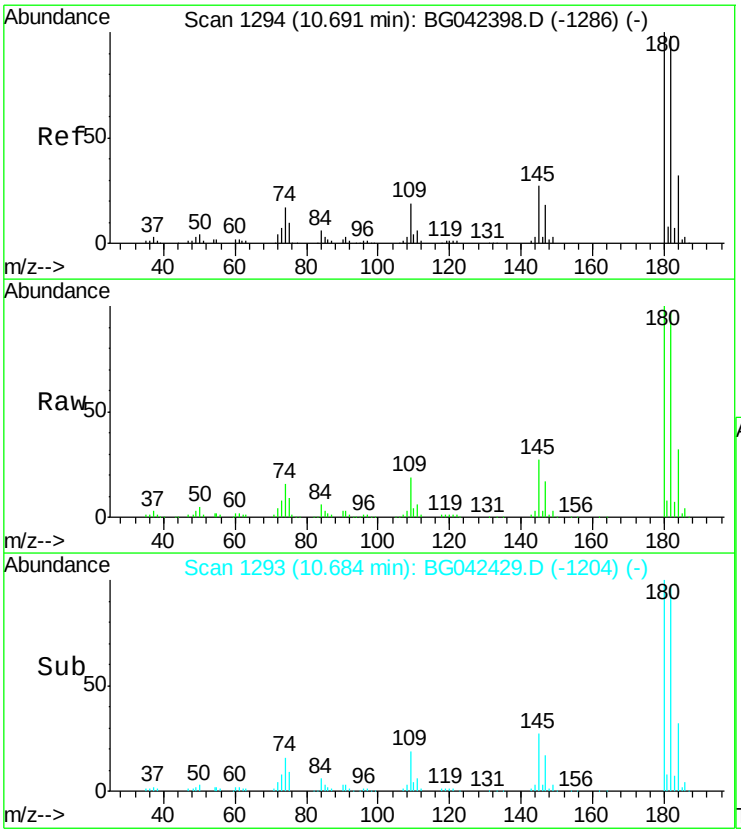
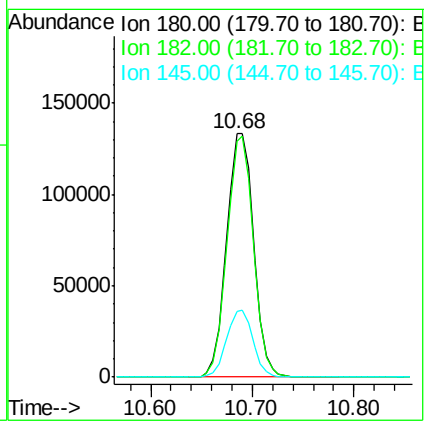


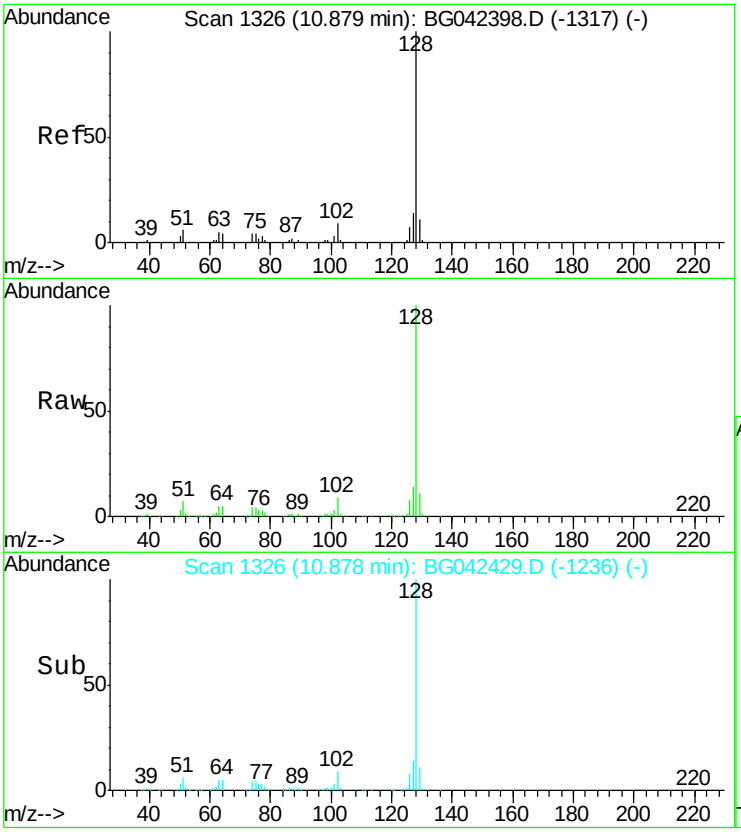




#30
1,2,4-Trichlorobenzene
Concen: 36.248 ng
RT: 10.68 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:180 Resp: 246921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.6 | 78.7 | 118.1 |
| 145 | 26.8 | 21.6 | 32.4 |

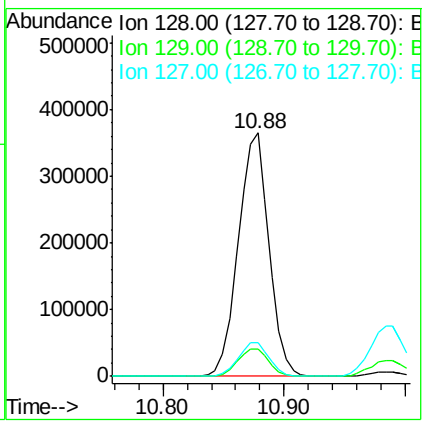





#31
Naphthalene
Concen: 41.322 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:128 Resp: 643318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 8.8 | 13.2 |
| 127 | 14.0 | 11.4 | 17.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

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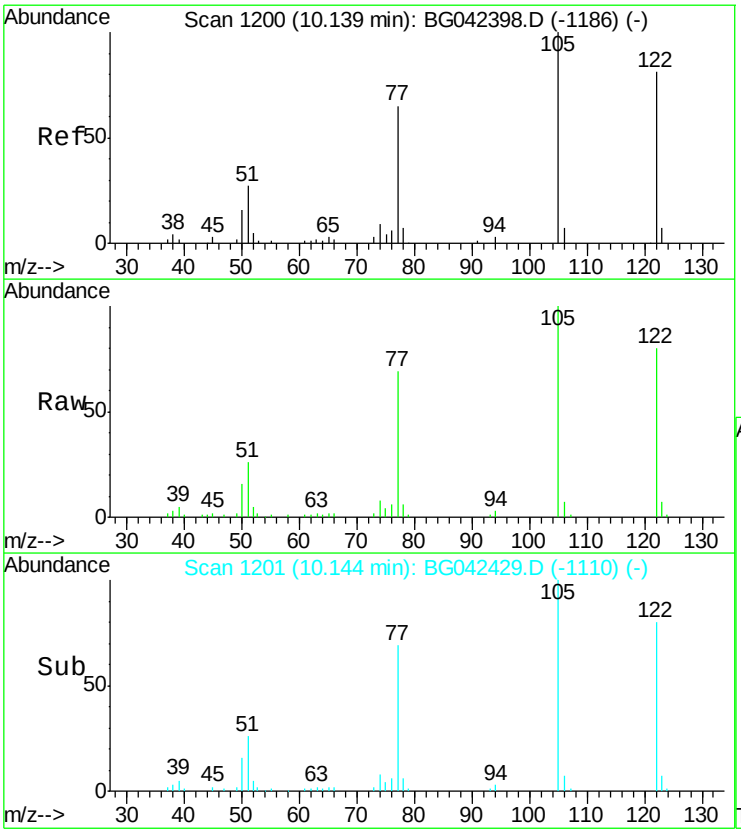
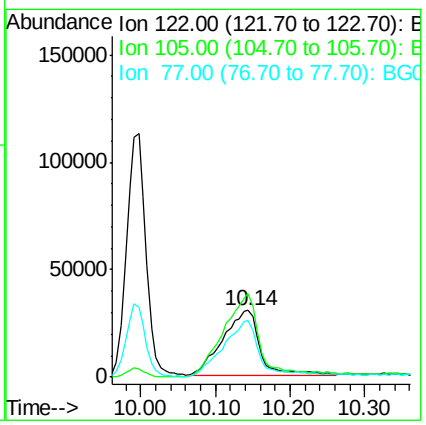
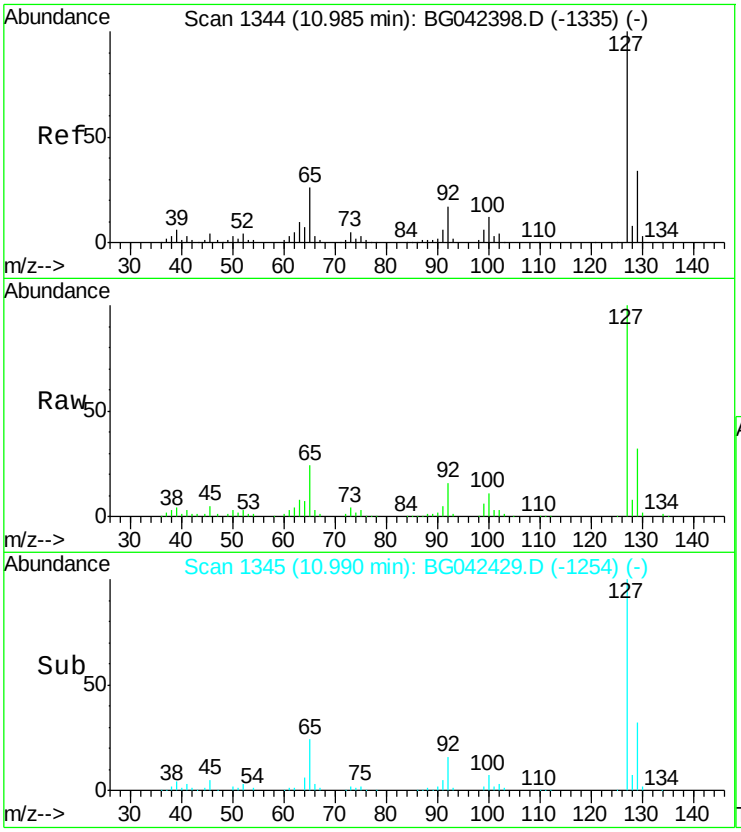



#32
Benzoic acid
Concen: 36.484 ng
RT: 10.14 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:122 Resp: 105044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 125.7 | 99.6 | 139.6 |
| 77 | 86.2 | 59.5 | 99.5 |

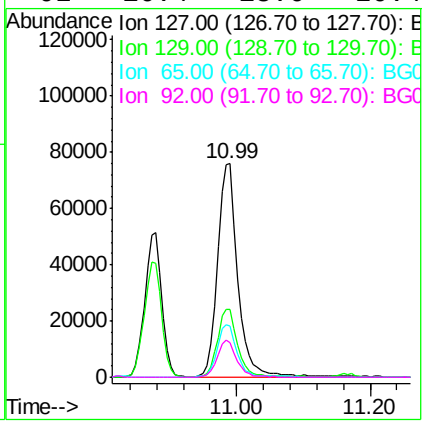





#33
4-Chloroaniline
Concen: 22.697 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:127 Resp: 163121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.9 | 26.8 | 40.2 |
| 65 | 23.9 | 20.7 | 31.1 |
| 92 | 16.4 | 13.6 | 20.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

**Manual Integrations APPROVED**
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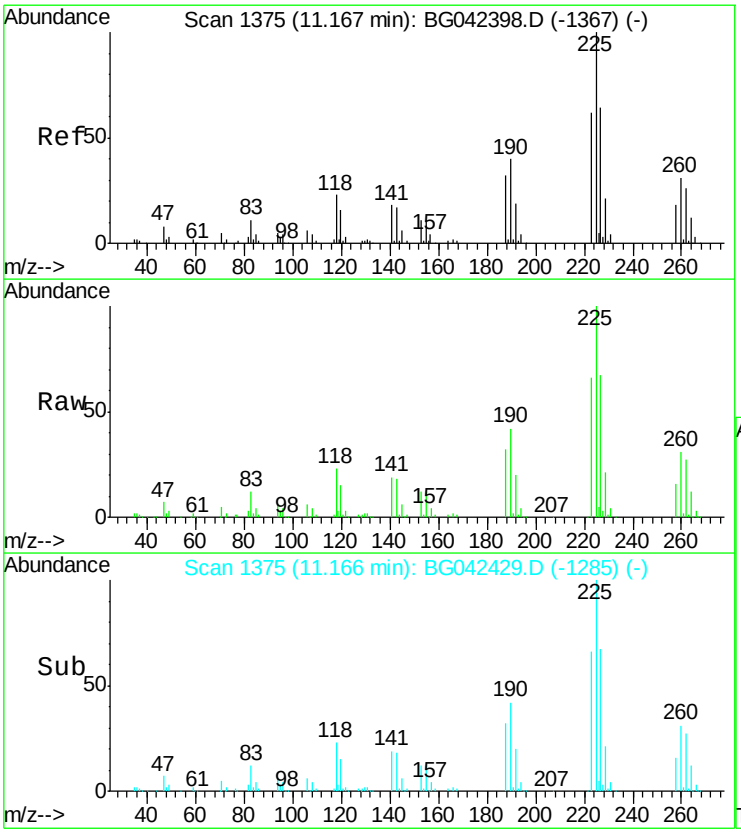
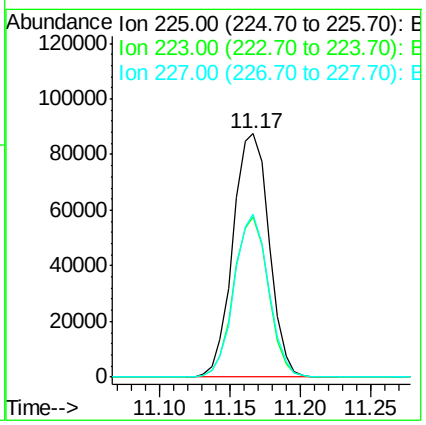
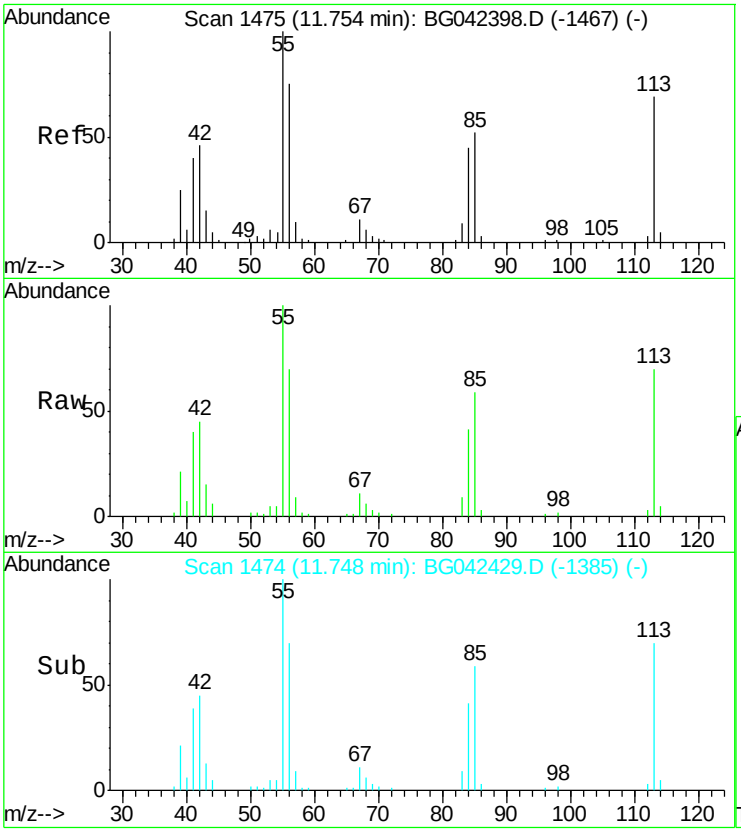



#34
Hexachlorobutadiene
Concen: 34.208 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:225 Resp: 156608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 65.6 | 49.8 | 74.6 |
| 227 | 66.7 | 50.9 | 76.3 |

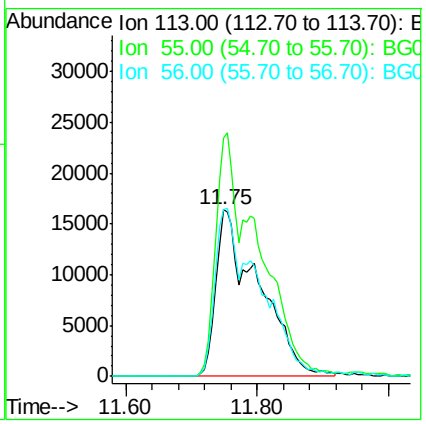





#35
Caprolactam
Concen: 39.995 ng m
RT: 11.75 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:113 Resp: 74063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 143.2 | 124.6 | 164.6 |
| 56 | 100.4 | 88.3 | 128.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

**Manual Integrations APPROVED**
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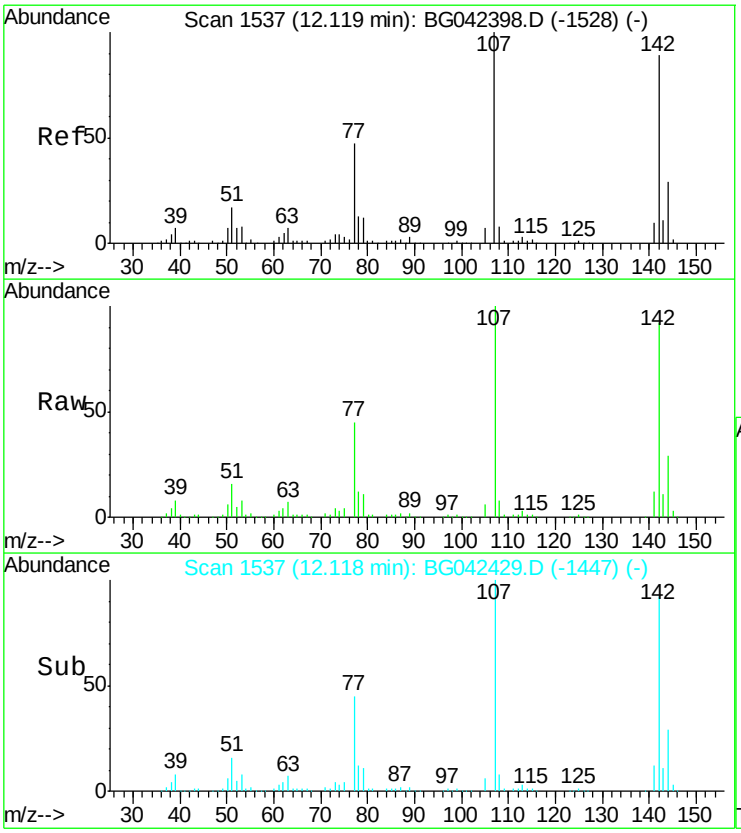
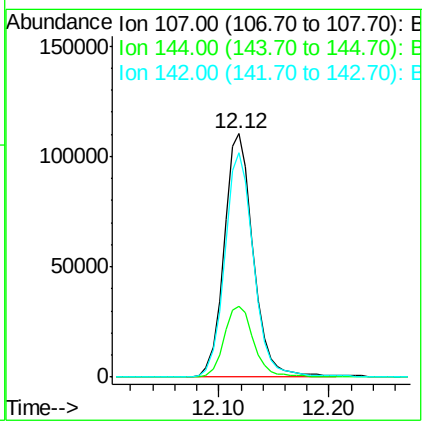
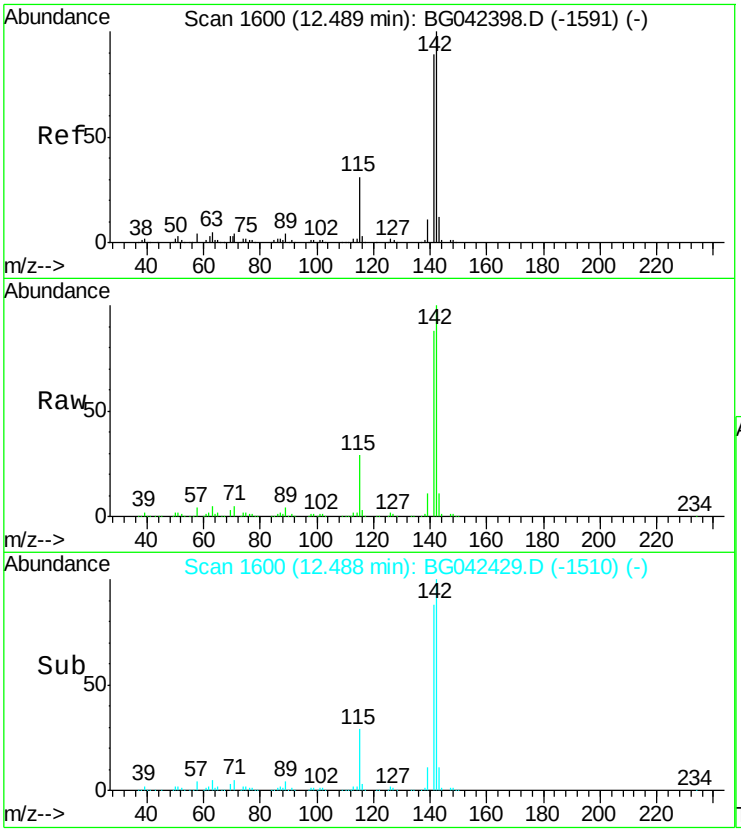



#36
4-Chloro-3-methylphenol
Concen: 38.474 ng
RT: 12.12 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:107 Resp: 202691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 29.3 | 23.6 | 35.4 |
| 142 | 92.1 | 71.0 | 106.4 |

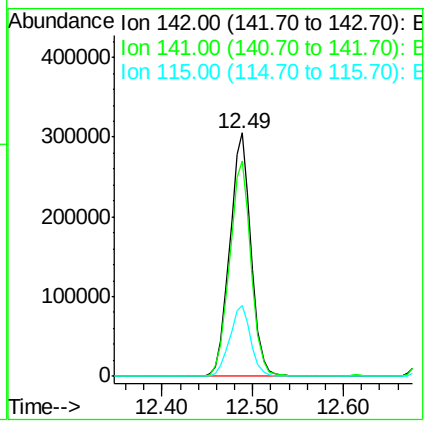





#37
2-Methylnaphthalene
Concen: 39.743 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:142 Resp: 496818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.3 | 71.4 | 107.2 |
| 115 | 29.2 | 25.2 | 37.8 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

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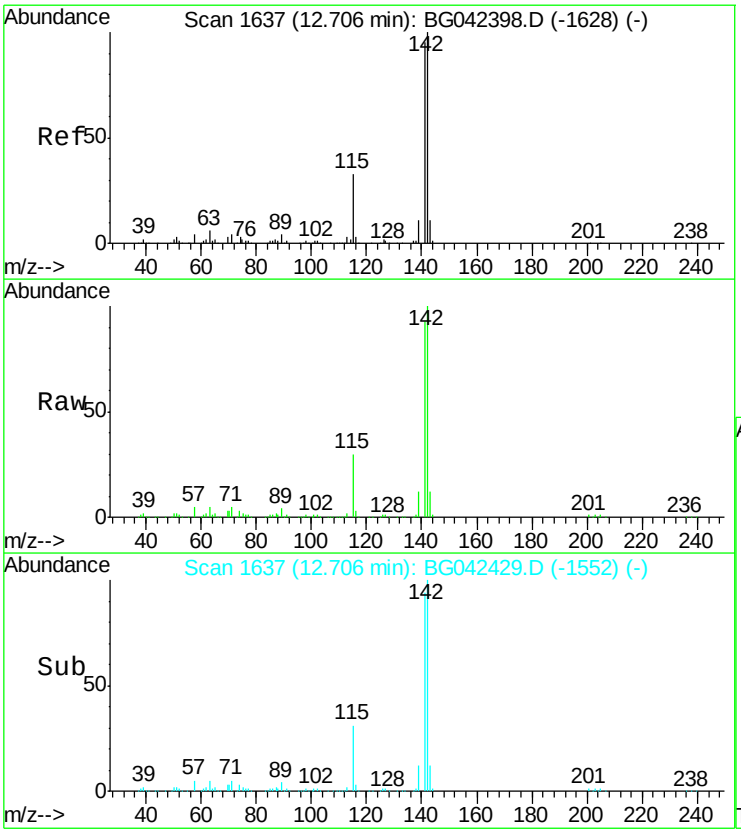
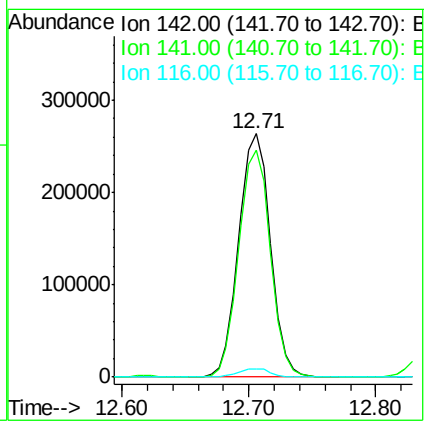
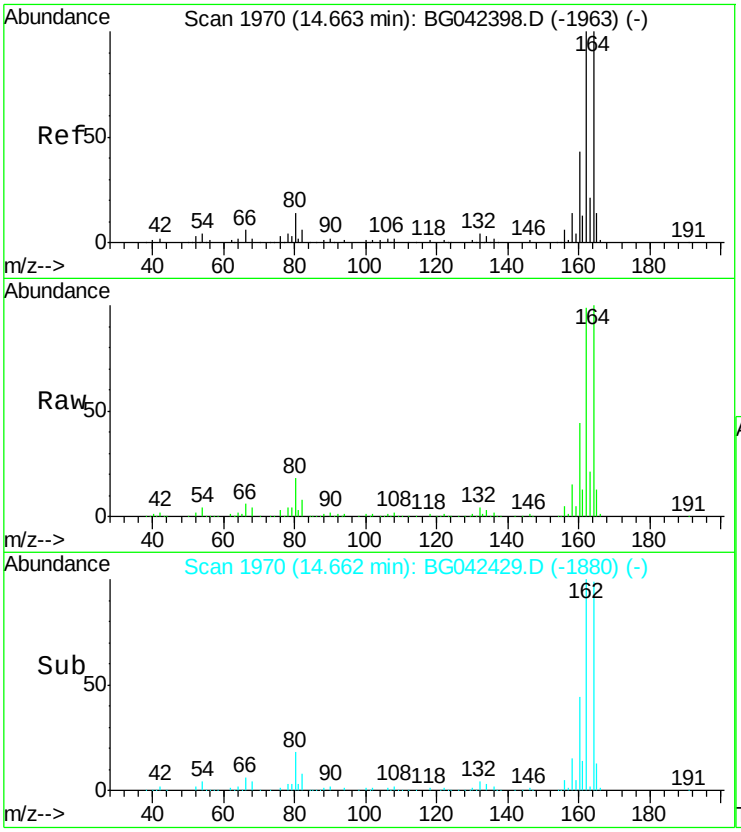



#38
1-Methylnaphthalene
Concen: 38.395 ng
RT: 12.71 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:142 Resp: 455900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 93.3 | 76.2 | 114.2 |
| 116 | 3.4 | 2.8 | 4.2 |

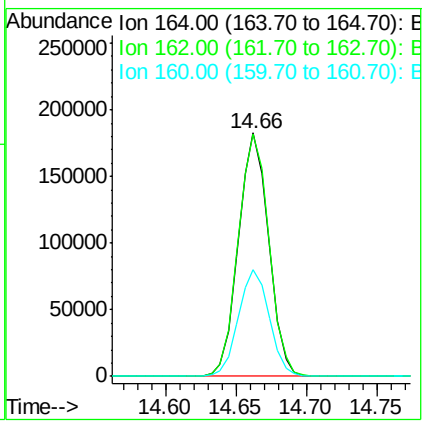





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:164 Resp: 274049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.3 | 79.9 | 119.9 |
| 160 | 44.0 | 34.3 | 51.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

**Manual Integrations APPROVED**
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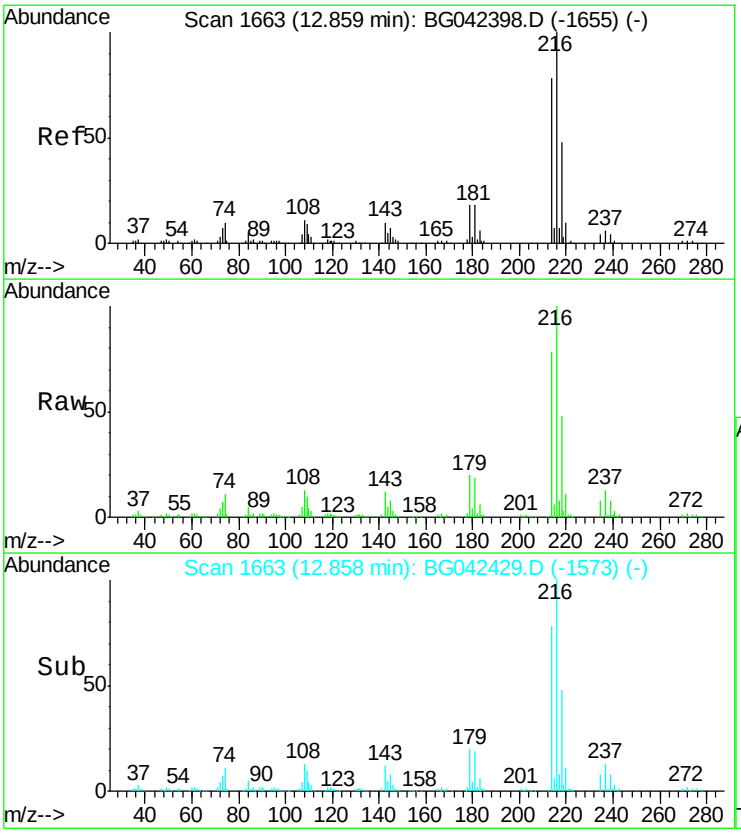
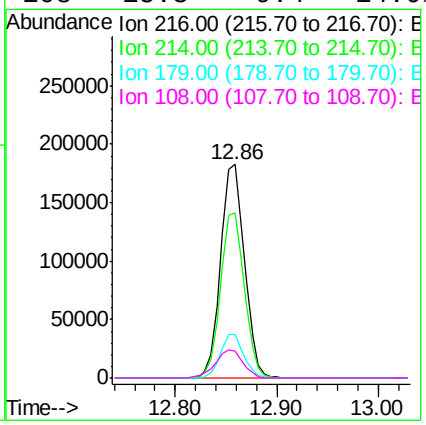
8/26/2019 2:01:39 PM

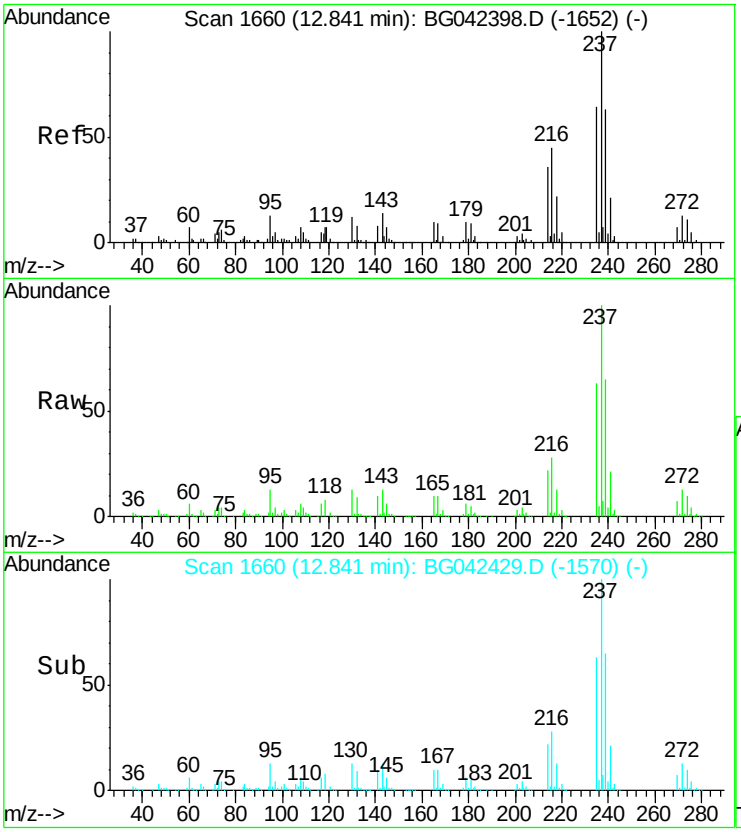



#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.961 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:216 Resp: 298884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 77.1 | 61.4 | 92.2 |
| 179 | 20.1 | 15.1 | 22.7 |
| 108 | 15.3 | 9.4 | 14.0# |

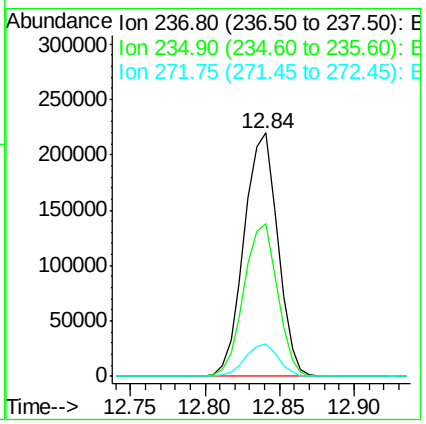





#41
Hexachlorocyclopentadiene
Concen: 73.948 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:237 Resp: 341855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.5 | 43.7 | 83.7 |
| 272 | 13.1 | 0.0 | 33.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

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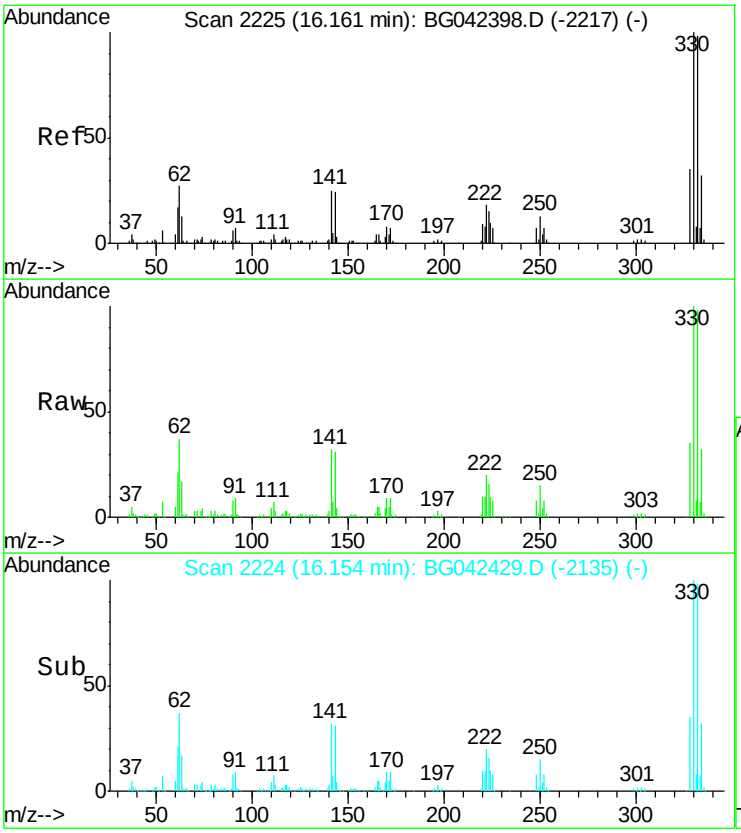
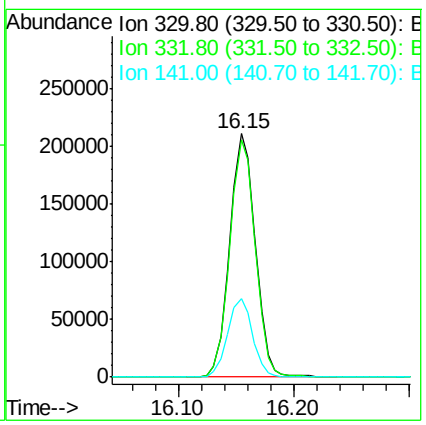
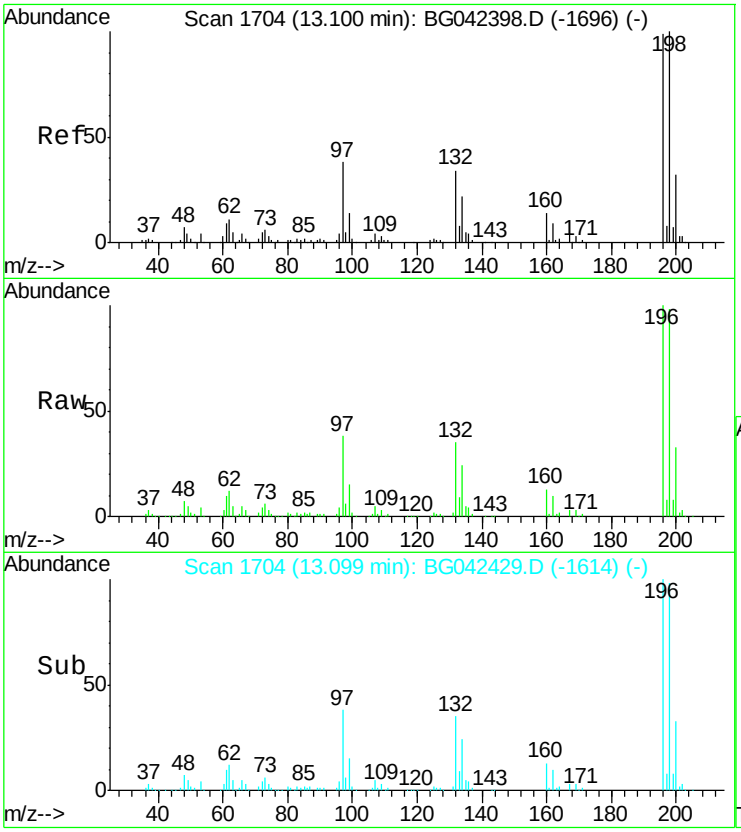



#42
2,4,6-Tribromophenol
Concen: 83.495 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:330 Resp: 325225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.5 | 77.4 | 116.0 |
| 141 | 31.7 | 21.4 | 32.0 |






#43
2,4,6-Trichlorophenol
Concen: 31.816 ng
RT: 13.10 min Scan# 1704
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:196 Resp: 189263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 98.1 | 80.7 | 121.1 |
| 200 | 32.5 | 25.7 | 38.5 |

**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

**Manual Integrations APPROVED**
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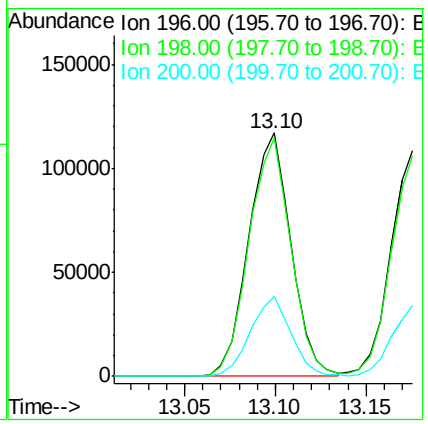
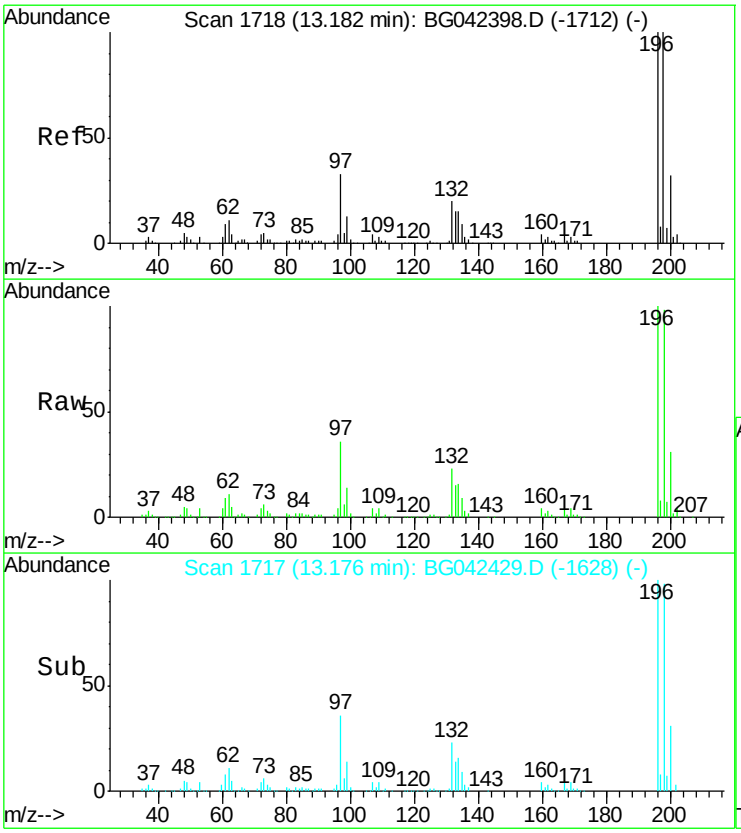
8/26/2019 2:01:39 PM

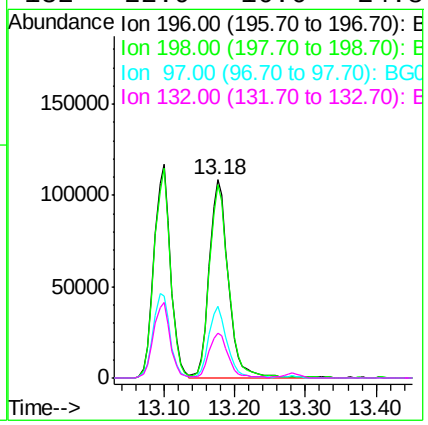


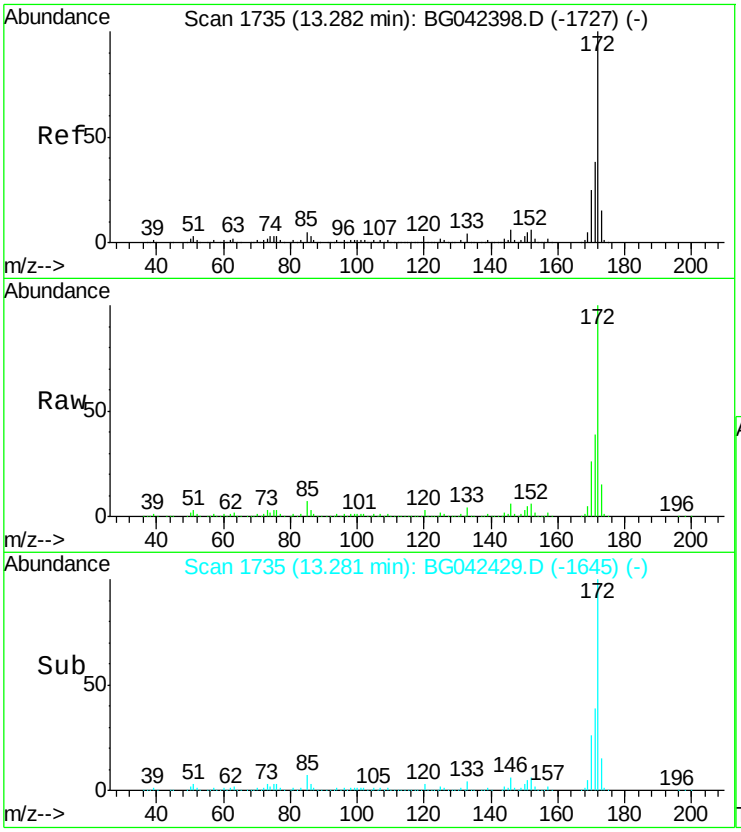




#44
2,4,5-Trichlorophenol
Concen: 32.987 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:196 Resp: 203349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.8 | 80.2 | 120.4 |
| 97 | 36.0 | 26.3 | 39.5 |
| 132 | 22.9 | 16.6 | 24.8 |

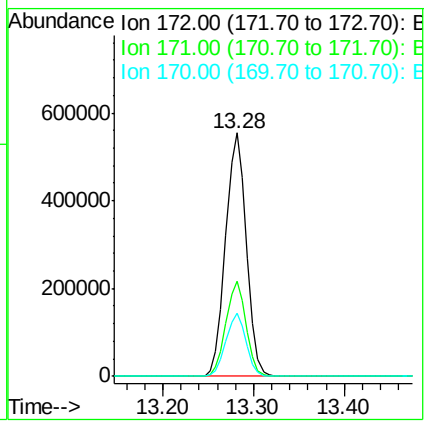





#45
2-Fluorobiphenyl
Concen: 54.163 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:172 Resp: 877629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 39.0 | 30.5 | 45.7 |
| 170 | 25.8 | 20.2 | 30.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

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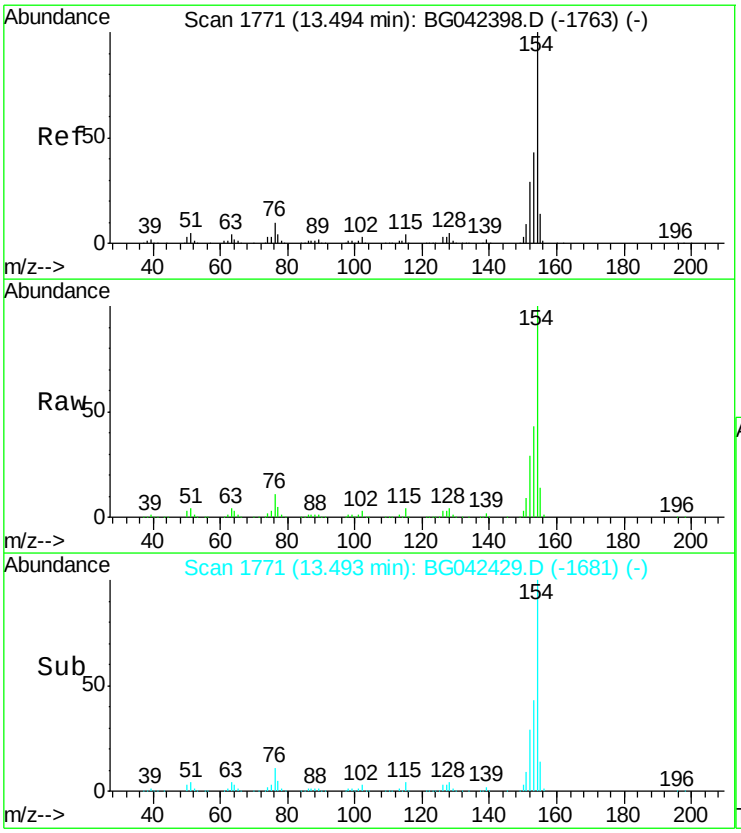
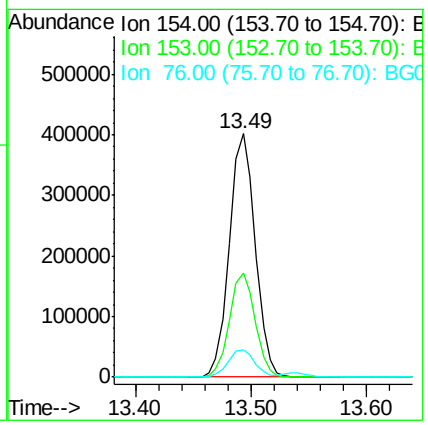
8/26/2019 2:01:39 PM

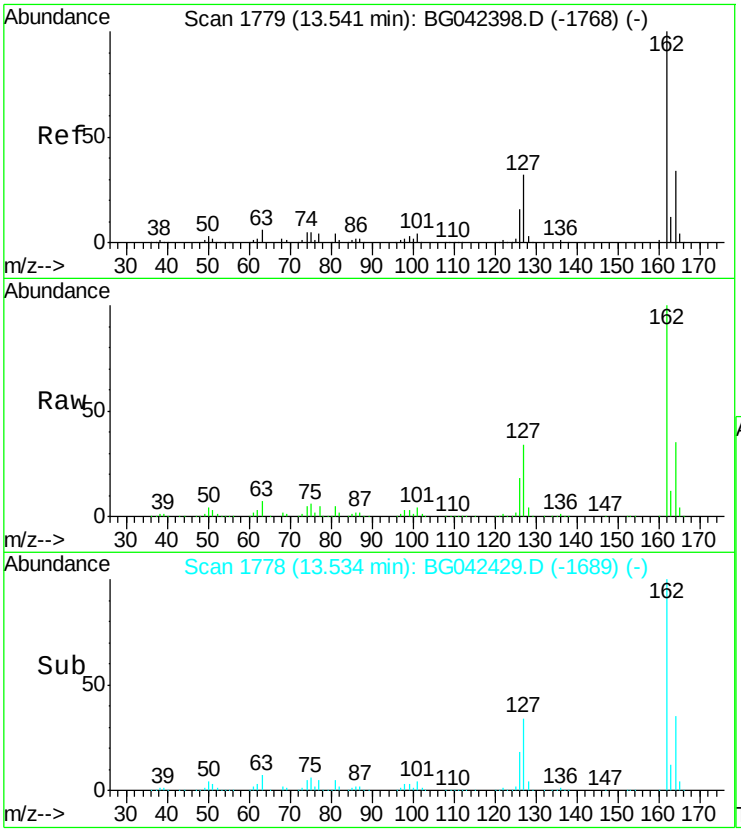



#46
1,1'-Biphenyl
Concen: 35.195 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:154 Resp: 623476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 42.7 | 23.0 | 63.0 |
| 76 | 11.2 | 0.0 | 29.6 |

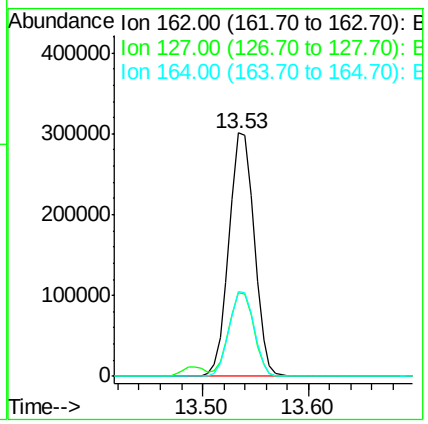





#47
2-Chloronaphthalene
Concen: 32.538 ng
RT: 13.53 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:162 Resp: 497005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 34.4 | 26.0 | 39.0 |
| 164 | 34.9 | 27.4 | 41.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

**Manual Integrations APPROVED**
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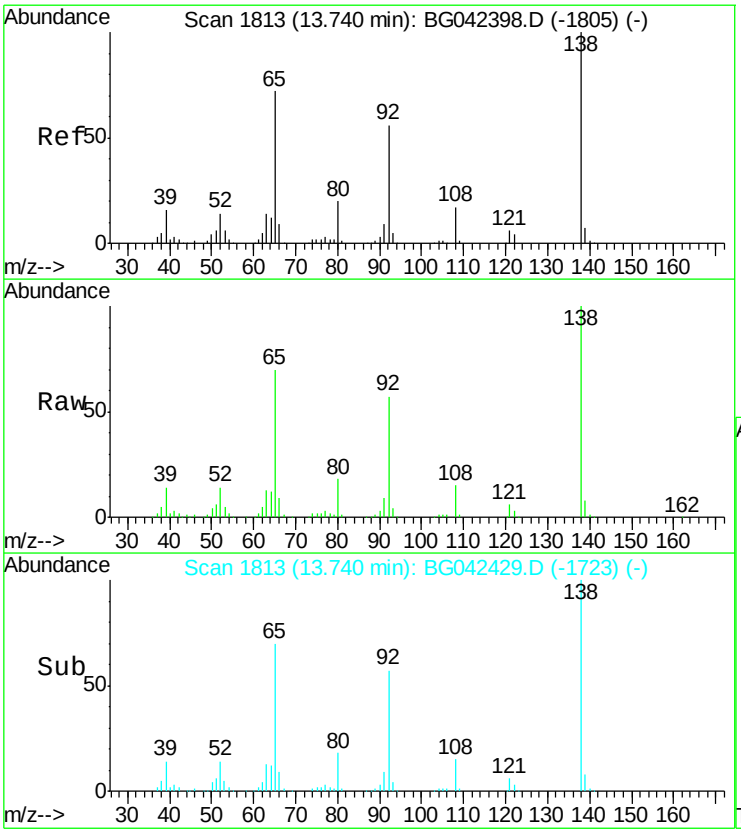
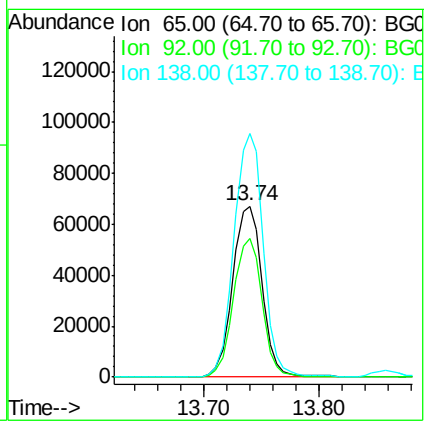
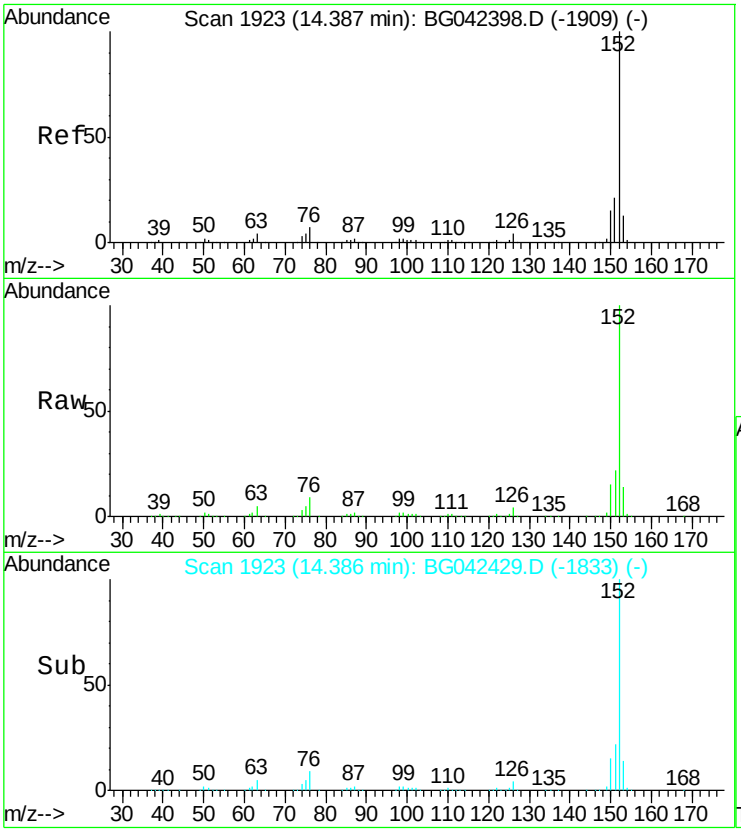



#48
2-Nitroaniline
Concen: 32.334 ng
RT: 13.74 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion: 65 Resp: 119101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 81.3 | 61.8 | 92.6 |
| 138 | 142.5 | 111.0 | 166.6 |

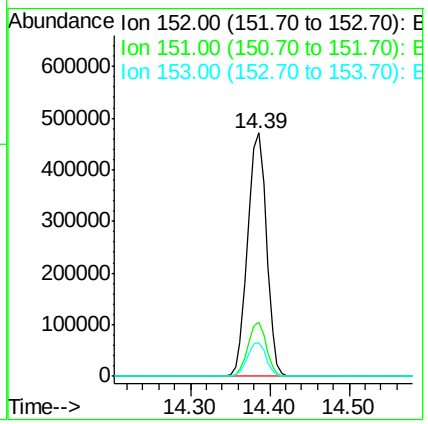





#49
Acenaphthylene
Concen: 34.182 ng
RT: 14.39 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:152 Resp: 785505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 22.0 | 17.0 | 25.4 |
| 153 | 14.0 | 10.6 | 16.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

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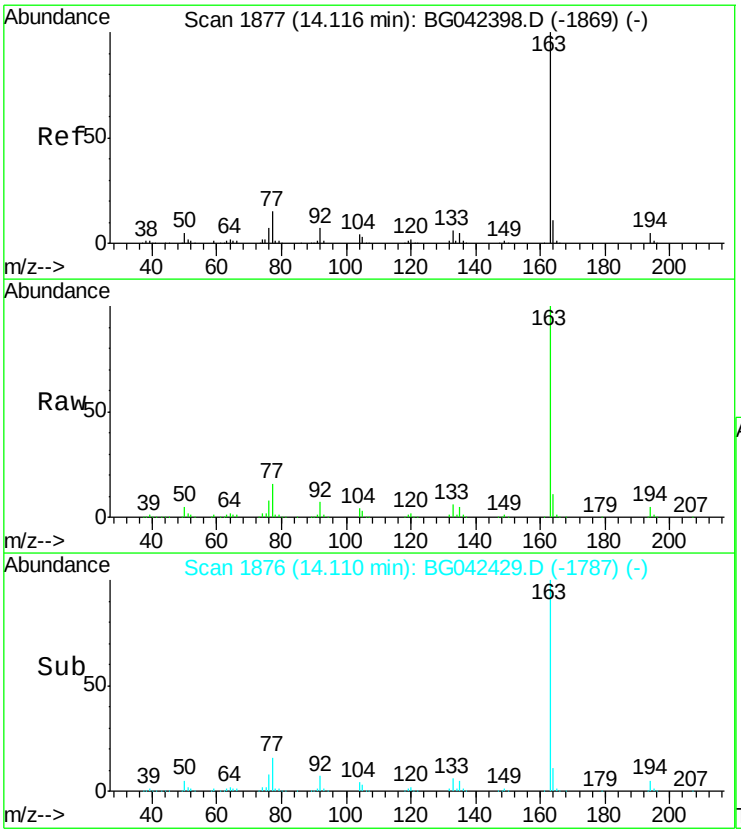
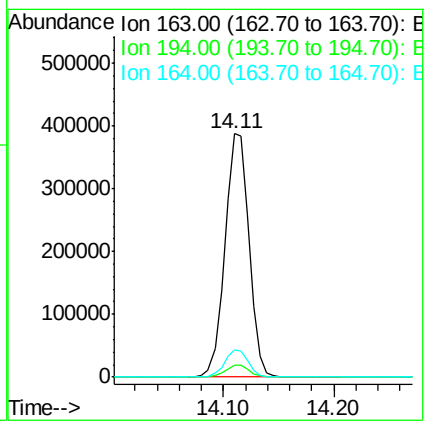
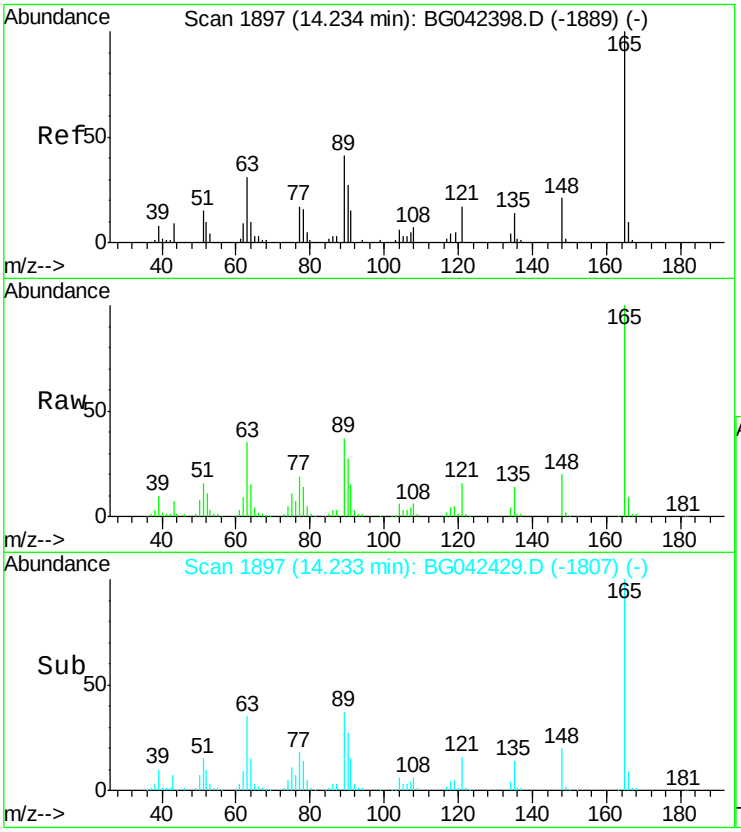



#50
Dimethylphthalate
Concen: 29.821 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:163 Resp: 589676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.8 | 4.2 | 6.2 |
| 164 | 11.0 | 8.8 | 13.2 |

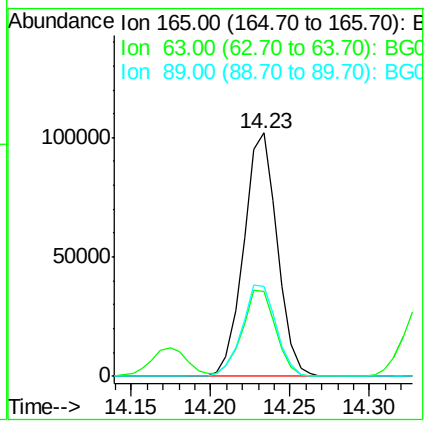





#51
2,6-Dinitrotoluene
Concen: 32.532 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:165 Resp: 149105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 35.0 | 30.6 | 45.8 |
| 89 | 37.1 | 32.6 | 49.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

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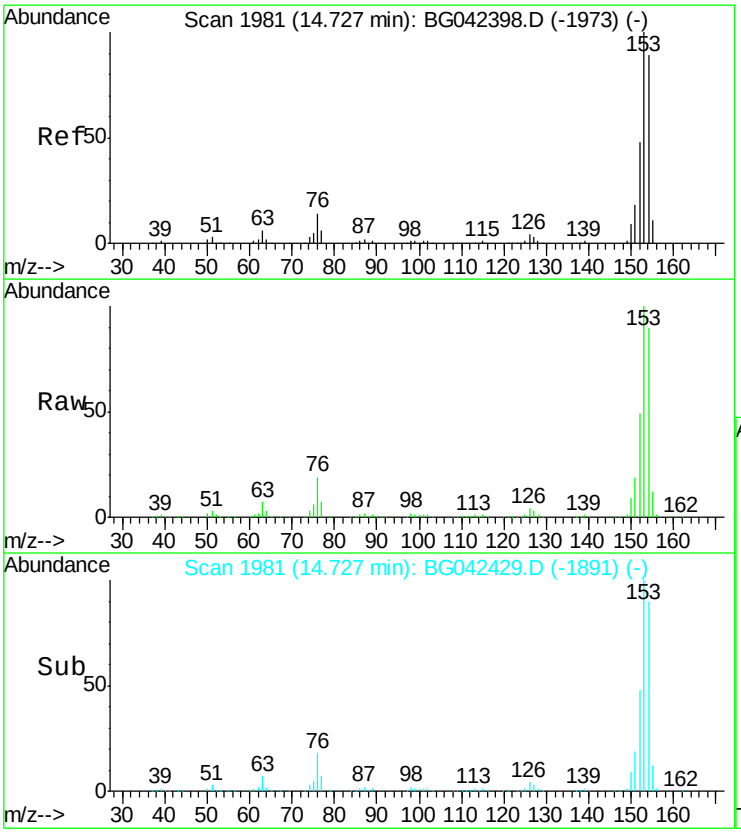
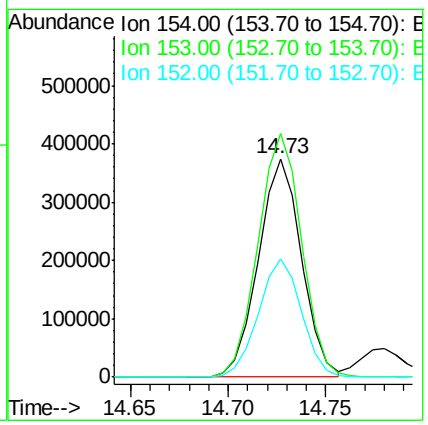
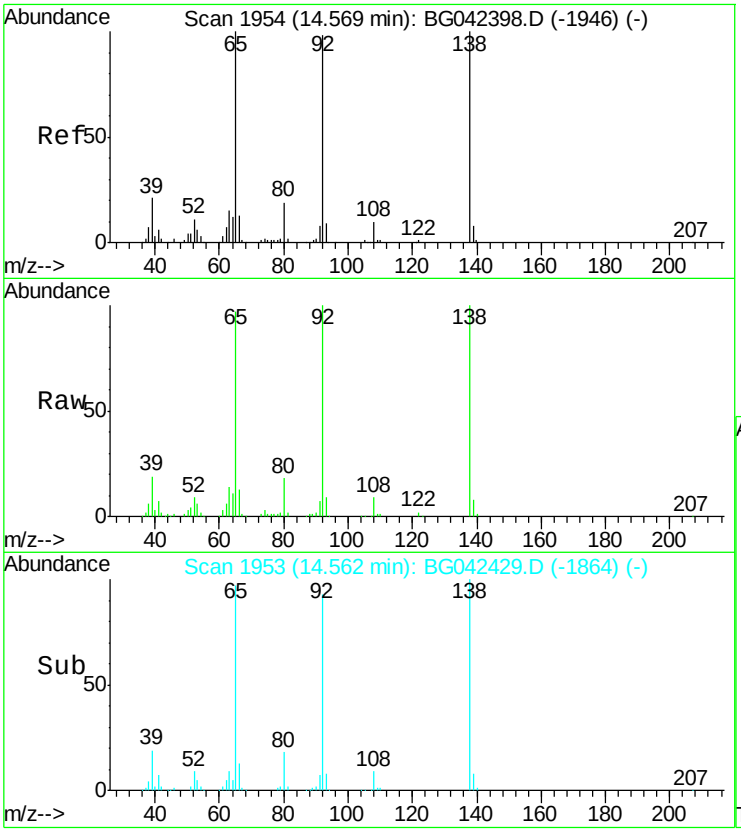



#52
Acenaphthene
Concen: 40.921 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:154 Resp: 571013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.7 | 90.2 | 135.4 |
| 152 | 54.2 | 43.2 | 64.8 |

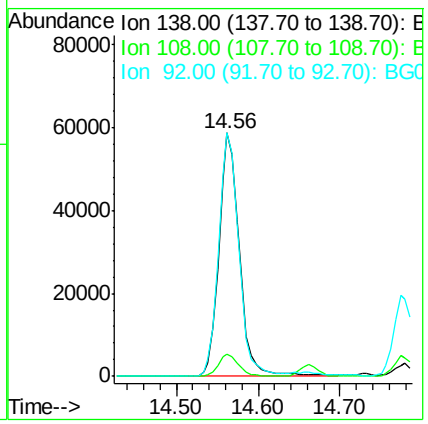





#53
3-Nitroaniline
Concen: 22.352 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:138 Resp: 102459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.3 | 8.3 | 12.5 |
| 92 | 99.9 | 78.2 | 117.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

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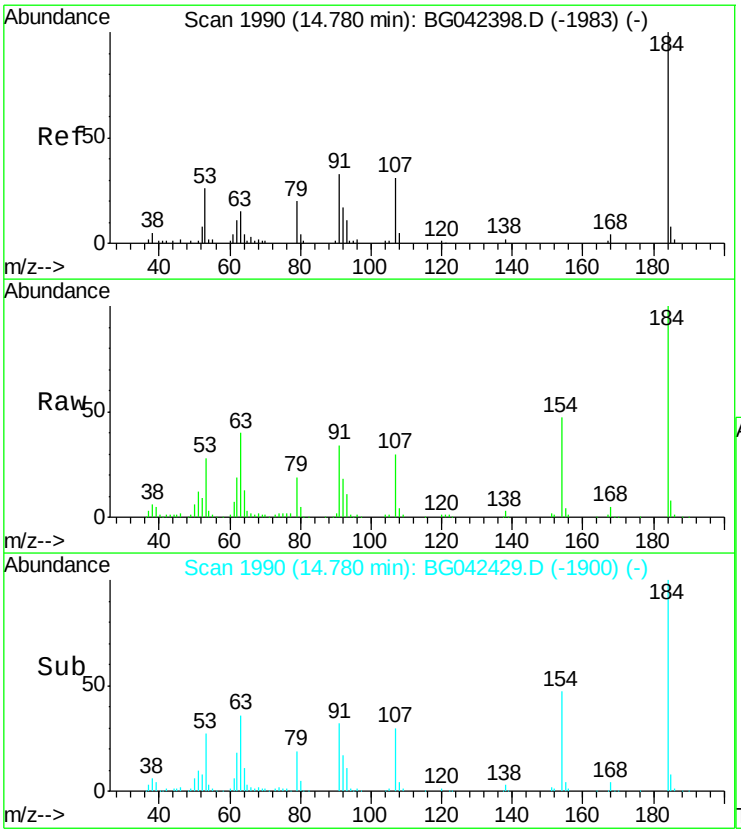
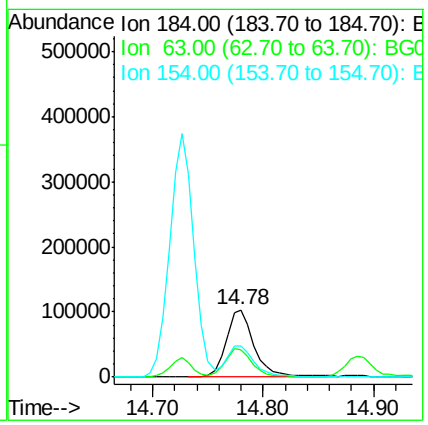
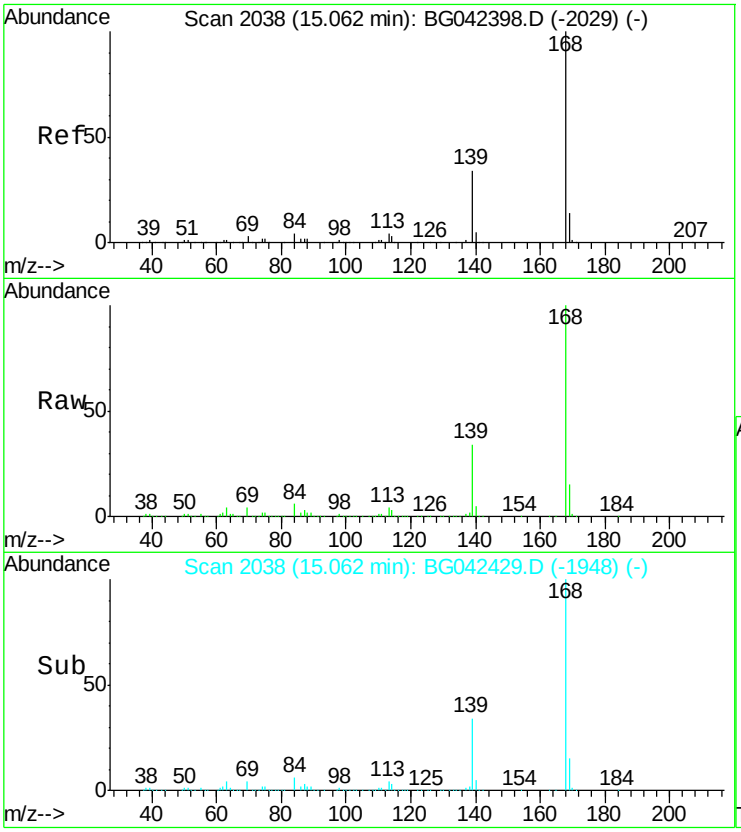



#54
2,4-Dinitrophenol
Concen: 61.235 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:184 Resp: 184269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 39.6 | 31.7 | 47.5 |
| 154 | 46.6 | 42.0 | 63.0 |

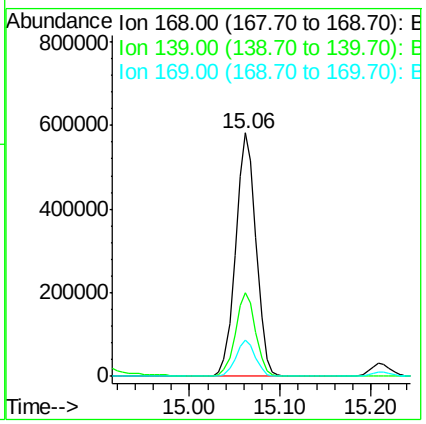





#55
Dibenzofuran
Concen: 39.390 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:168 Resp: 909820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 34.3 | 27.2 | 40.8 |
| 169 | 14.9 | 11.5 | 17.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

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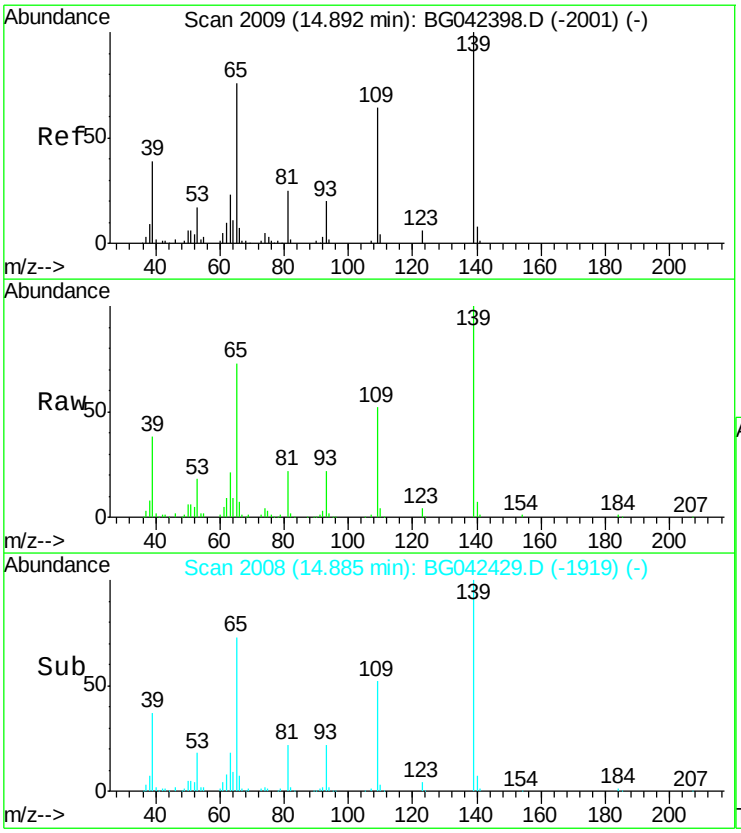
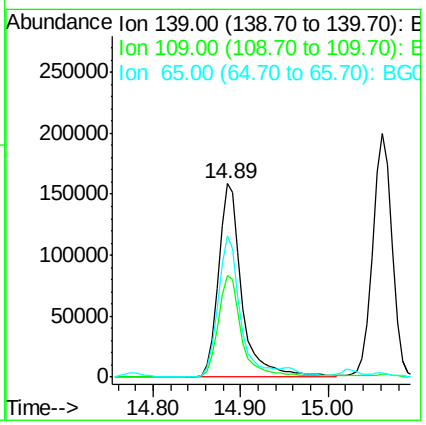
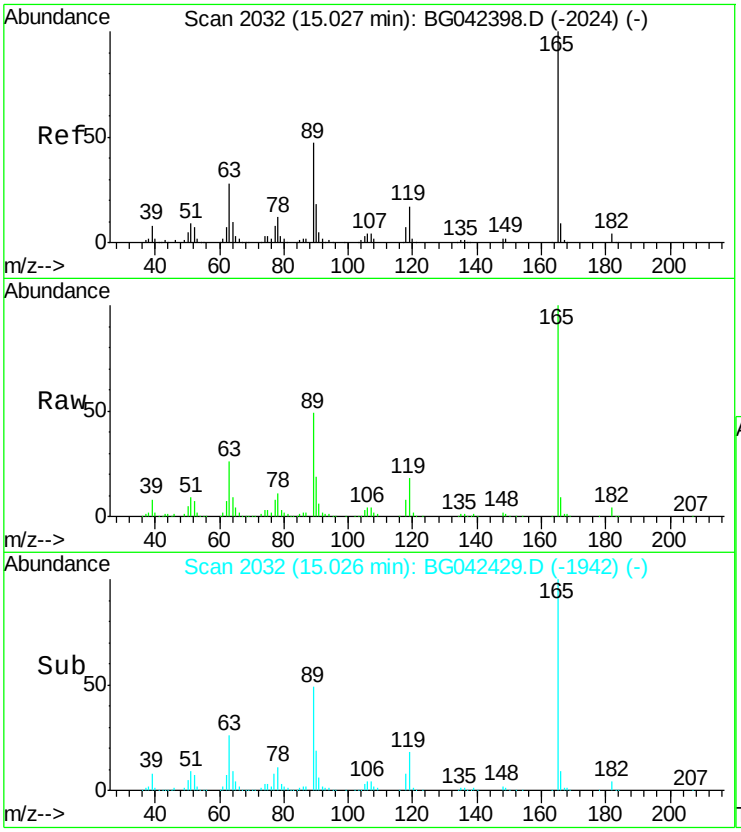



#56
4-Nitrophenol
Concen: 90.284 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:139 Resp: 294069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 52.4 | 43.9 | 83.9 |
| 65 | 73.0 | 56.3 | 96.3 |

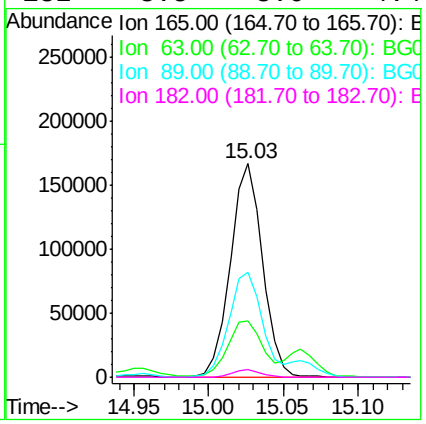





#57
2,4-Dinitrotoluene
Concen: 38.248 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:165 Resp: 251031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 26.5 | 22.5 | 33.7 |
| 89 | 49.2 | 37.8 | 56.6 |
| 182 | 3.5 | 3.0 | 4.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

**Manual Integrations APPROVED**
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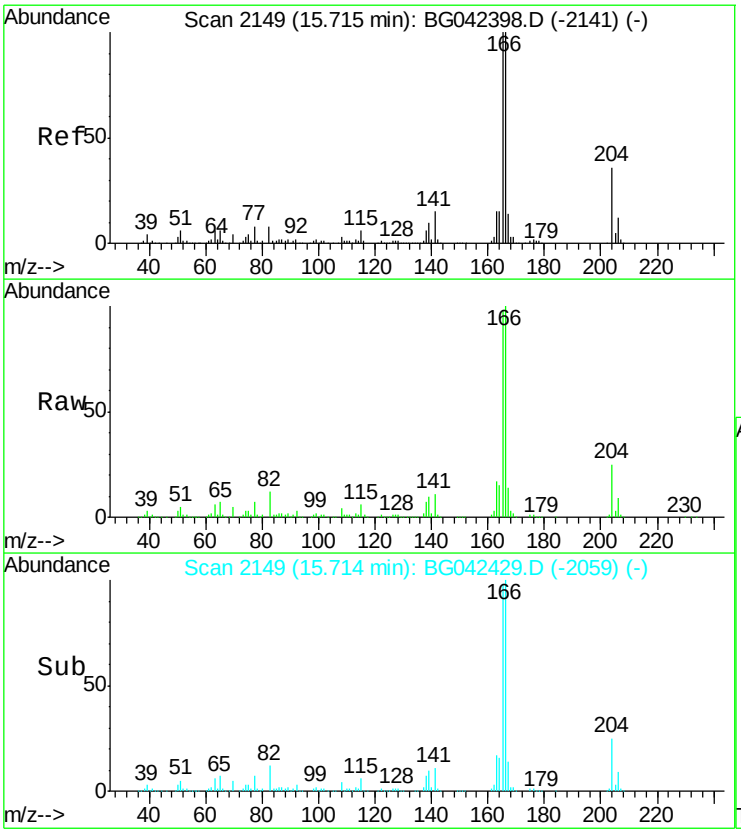
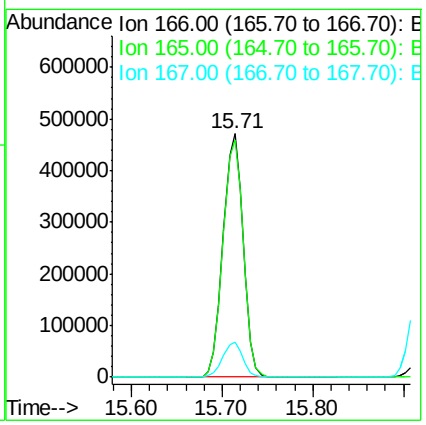
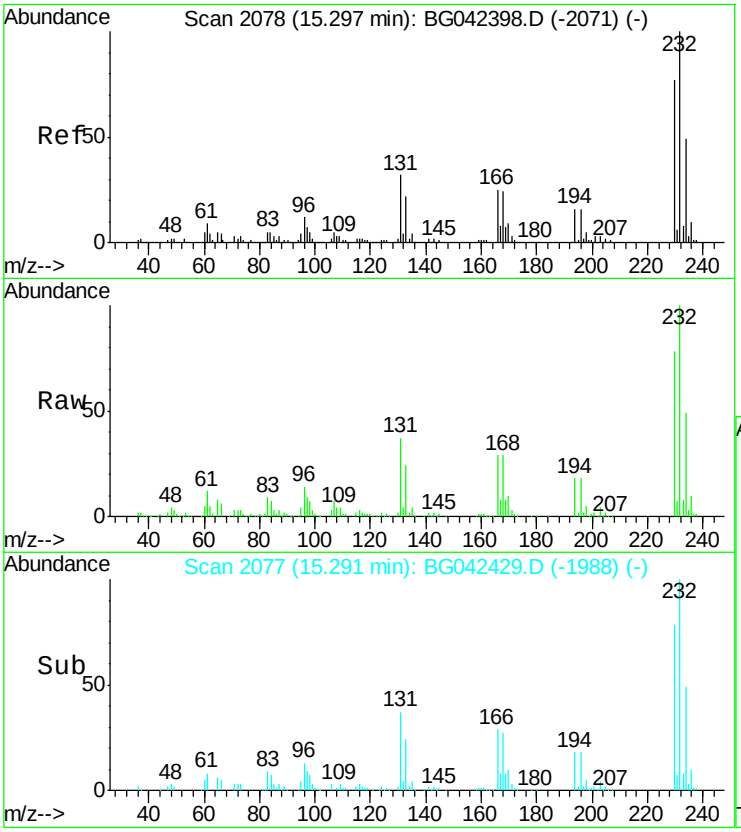



#58
Fluorene
Concen: 38.295 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:166 Resp: 723056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.6 | 79.7 | 119.5 |
| 167 | 14.4 | 10.9 | 16.3 |

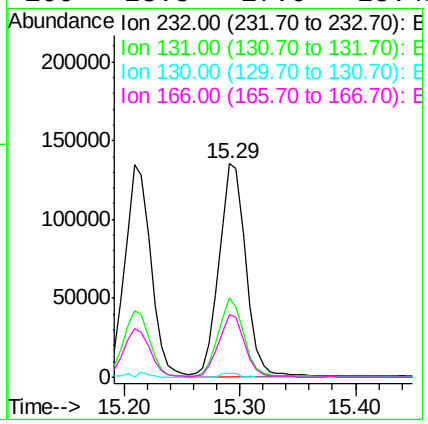





#59
2,3,4,6-Tetrachlorophenol
Concen: 35.474 ng
RT: 15.29 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:232 Resp: 216260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 35.7 | 22.9 | 34.3# |
| 130 | 1.5 | 1.4 | 2.0 |
| 166 | 28.5 | 17.0 | 25.4# |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

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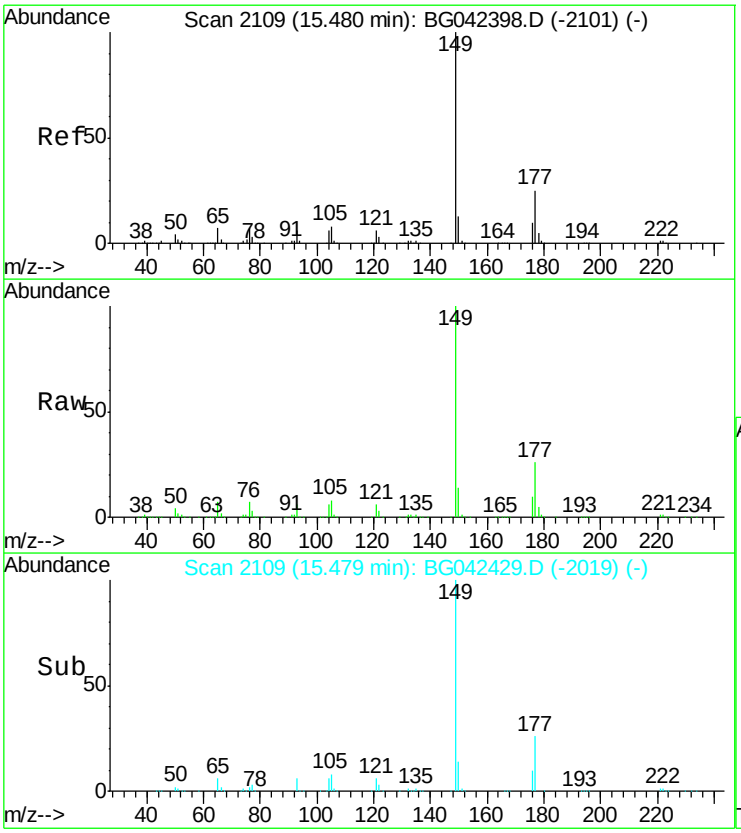
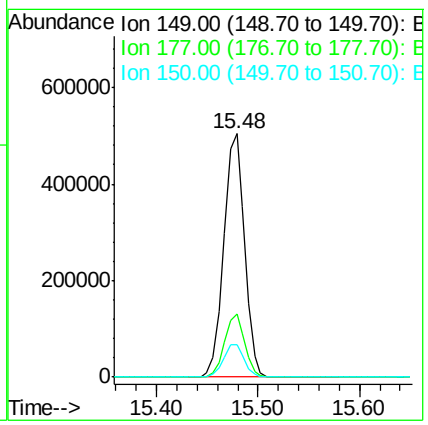
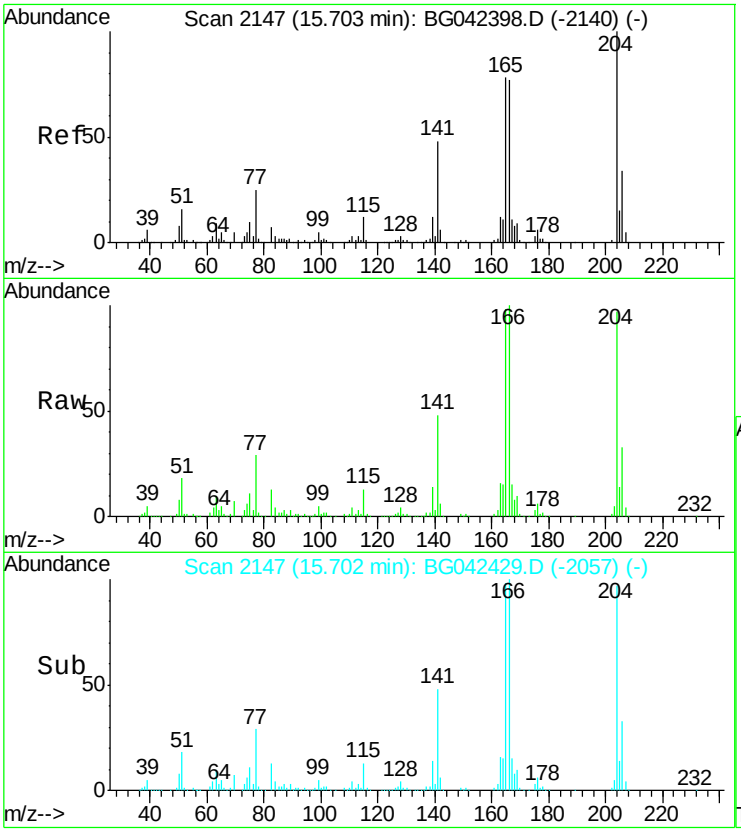



#60
Diethylphthalate
Concen: 36.912 ng
RT: 15.48 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:149 Resp: 713506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 25.8 | 20.4 | 30.6 |
| 150 | 13.6 | 10.3 | 15.5 |






#61
4-Chlorophenyl-phenylether
Concen: 34.560 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:204 Resp: 393360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.8 | 27.2 | 40.8 |
| 141 | 49.8 | 38.7 | 58.1 |

**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

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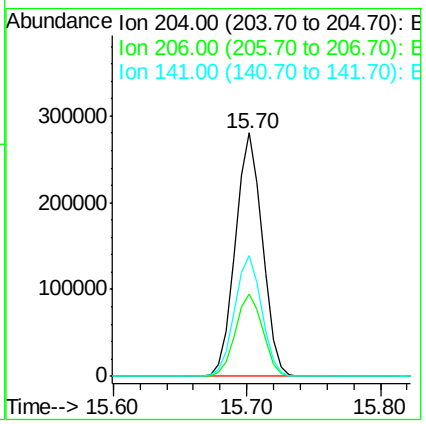
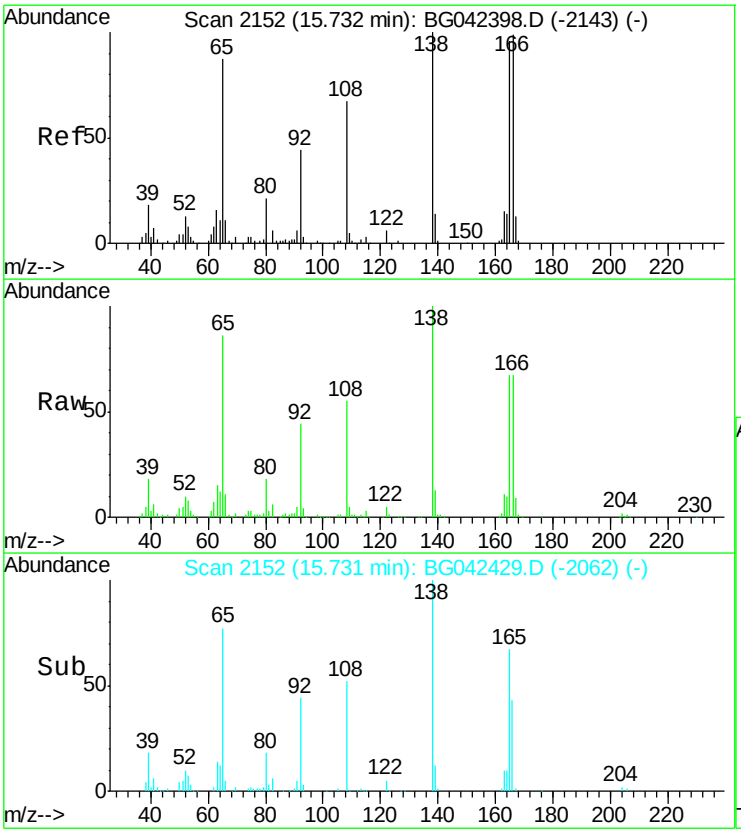
8/26/2019 2:01:39 PM

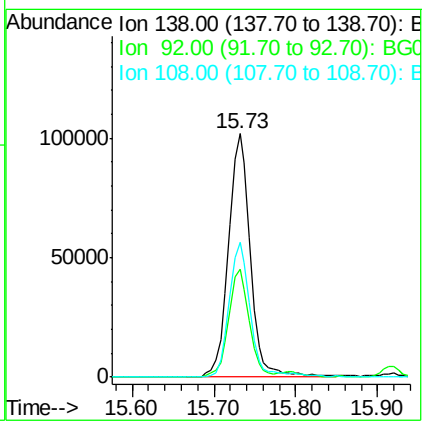


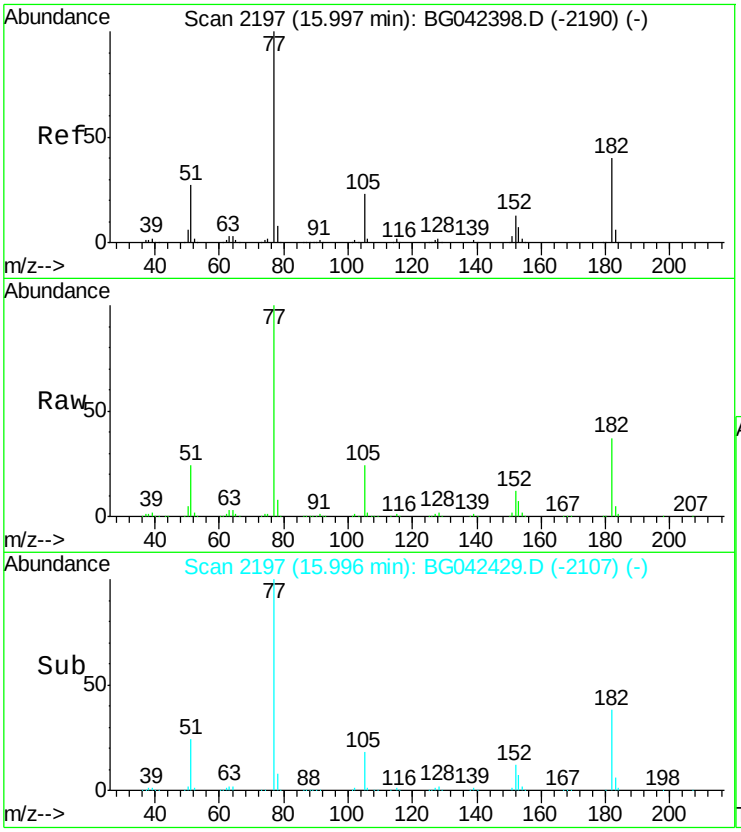




#62
4-Nitroaniline
Concen: 38.744 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:138 Resp: 190074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 44.1 | 24.2 | 64.2 |
| 108 | 55.2 | 46.8 | 86.8 |

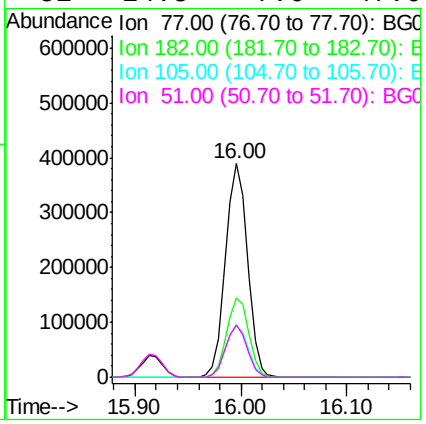





#63
Azobenzene
Concen: 42.171 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion: 77 Resp: 558571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 37.1 | 19.9 | 59.9 |
| 105 | 24.2 | 2.9 | 42.9 |
| 51 | 24.3 | 7.6 | 47.6 |




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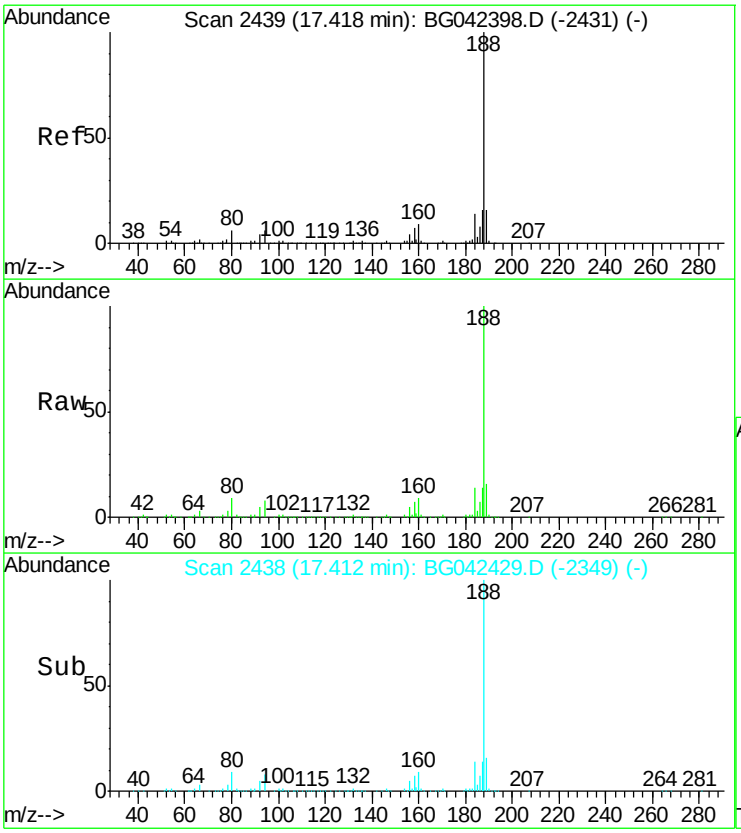
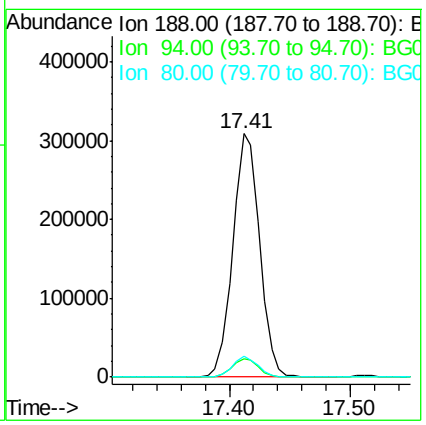
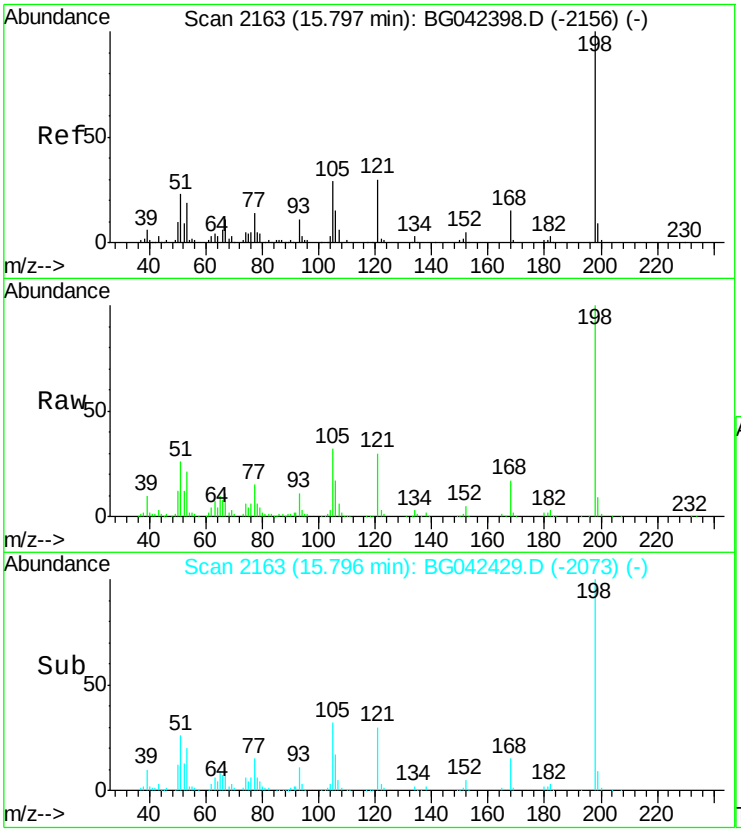



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:188 Resp: 476394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.6 | 4.5 | 6.7# |
| 80 | 8.7 | 4.9 | 7.3# |






#65
4,6-Dinitro-2-methylphenol
Concen: 49.667 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:198 Resp: 148345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 26.4 | 4.2 | 44.2 |
| 105 | 32.5 | 8.8 | 48.8 |

**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

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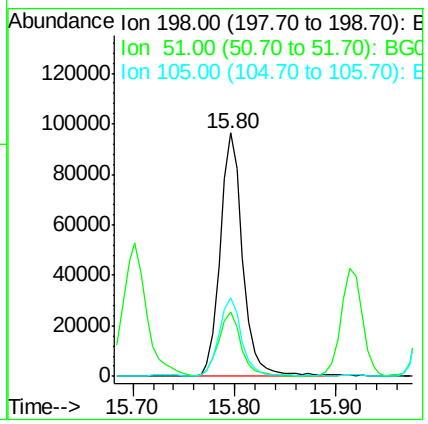
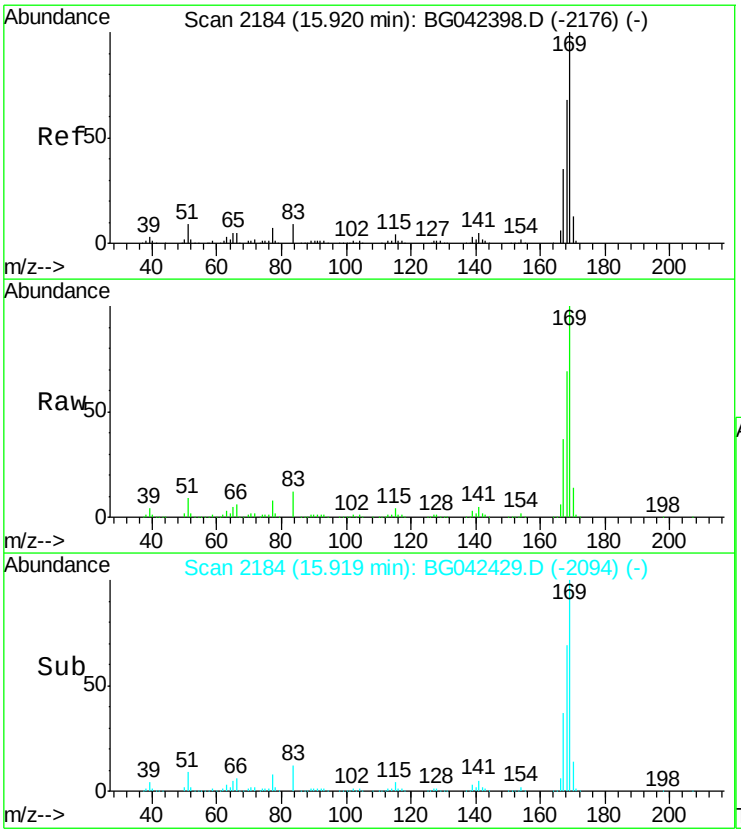
8/26/2019 2:01:39 PM

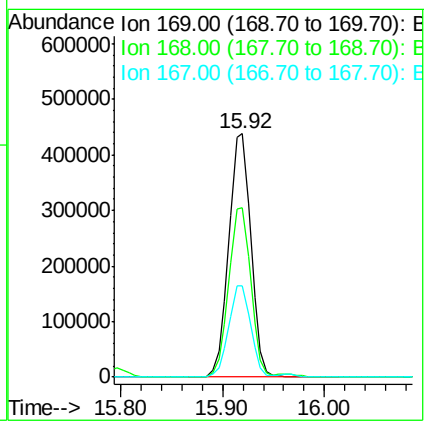


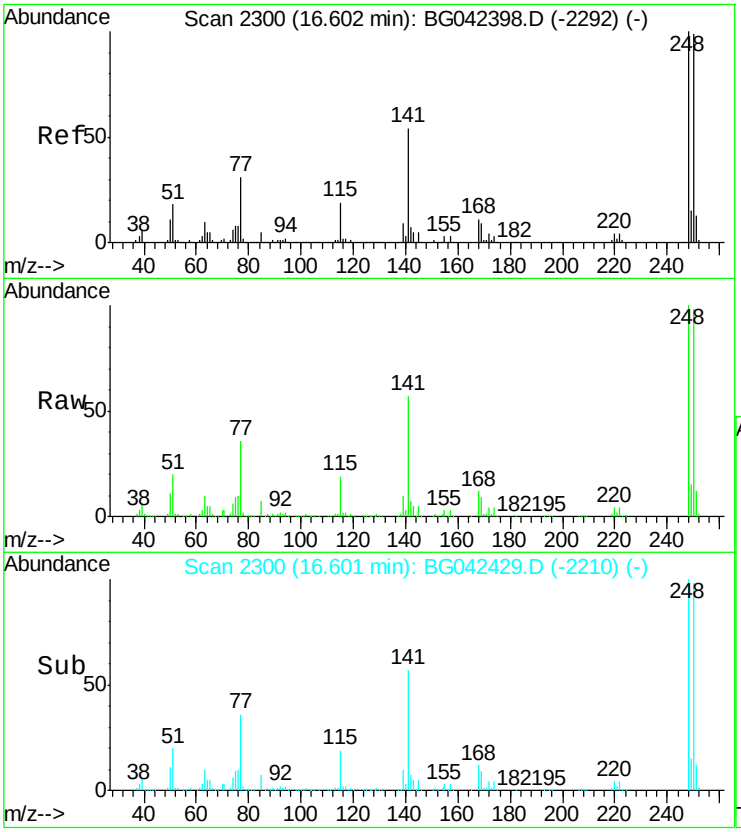




#66
n-Nitrosodiphenylamine
Concen: 50.694 ng
RT: 15.92 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:169 Resp: 664148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 69.5 | 54.3 | 81.5 |
| 167 | 37.3 | 28.2 | 42.2 |

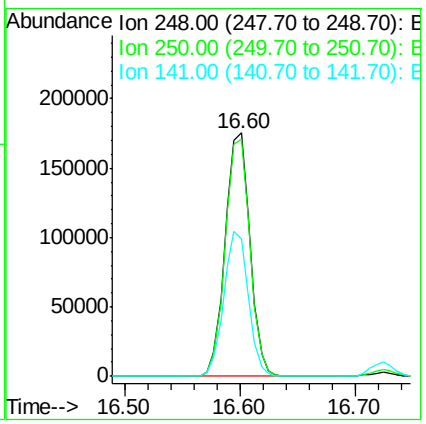





#67
4-Bromophenyl-phenylether
Concen: 42.947 ng
RT: 16.60 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:248 Resp: 259519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.7 | 78.9 | 118.3 |
| 141 | 56.6 | 43.3 | 64.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

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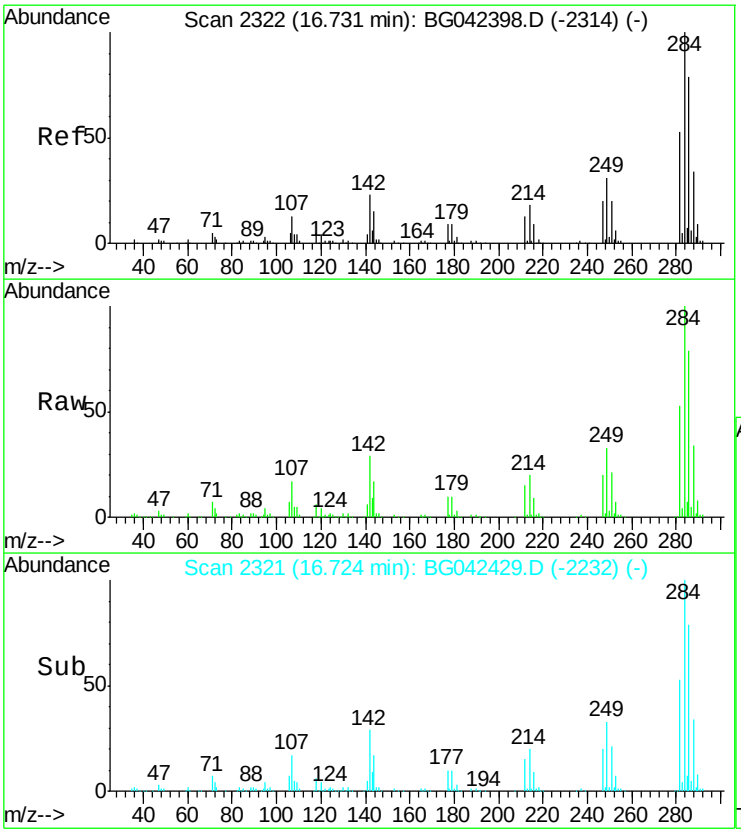
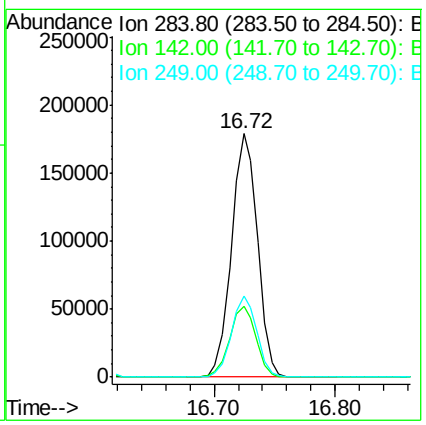
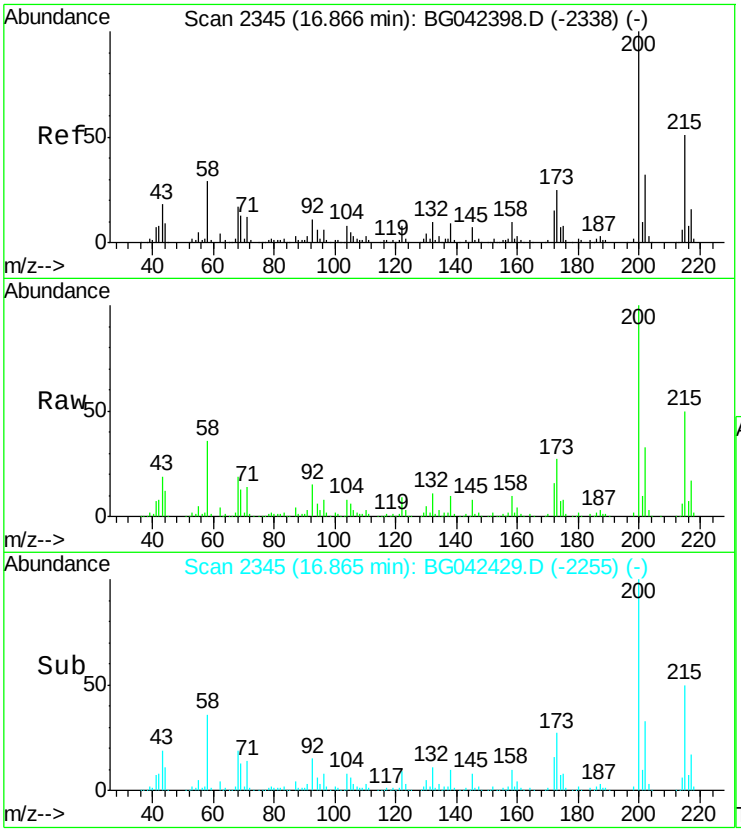



#68
Hexachlorobenzene
Concen: 40.699 ng
RT: 16.72 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:284 Resp: 267349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 29.1 | 18.2 | 27.4# |
| 249 | 33.2 | 25.0 | 37.4 |

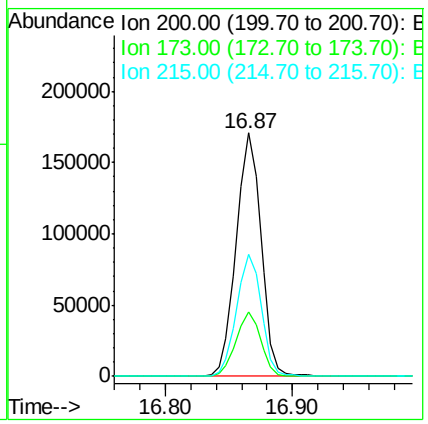





#69
Atrazine
Concen: 50.101 ng
RT: 16.87 min Scan# 2345
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:200 Resp: 232118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.6 | 4.9 | 44.9 |
| 215 | 50.1 | 30.7 | 70.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

**Manual Integrations APPROVED**
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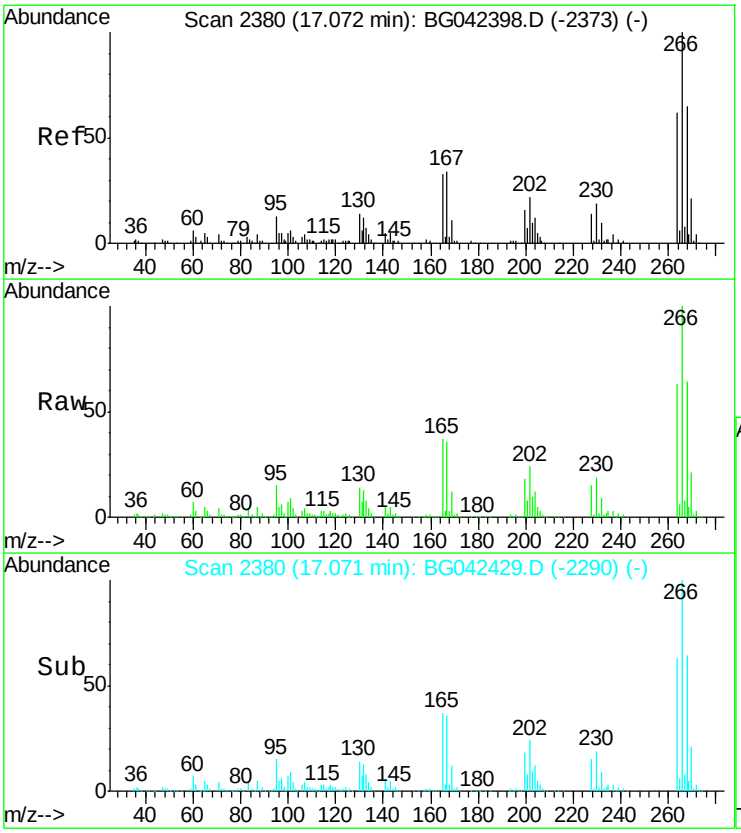
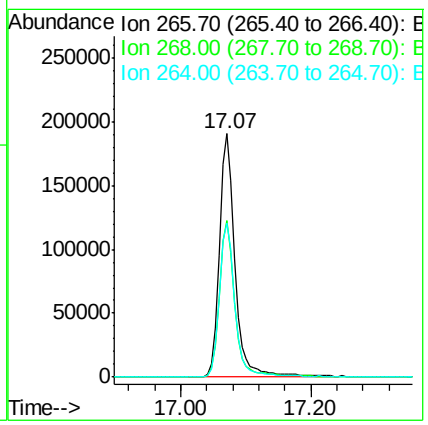
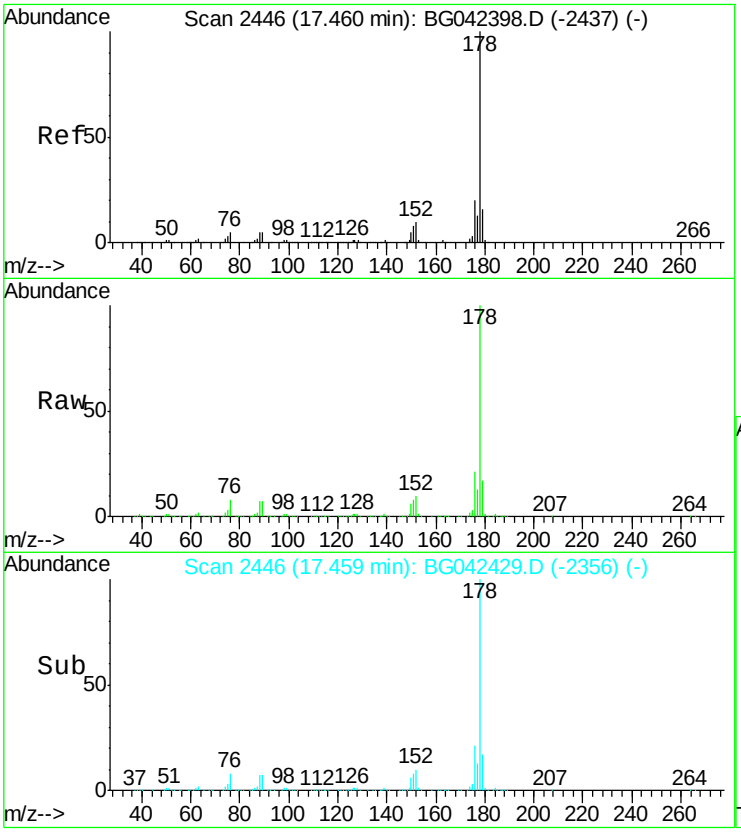



#70
Pentachlorophenol
Concen: 93.054 ng
RT: 17.07 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:266 Resp: 317603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.2 | 52.1 | 78.1 |
| 264 | 63.4 | 49.4 | 74.2 |

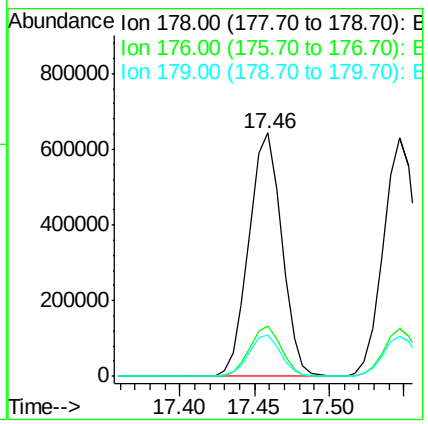





#71
Phenanthrene
Concen: 41.447 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:178 Resp: 980779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.7 | 15.9 | 23.9 |
| 179 | 17.0 | 12.7 | 19.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

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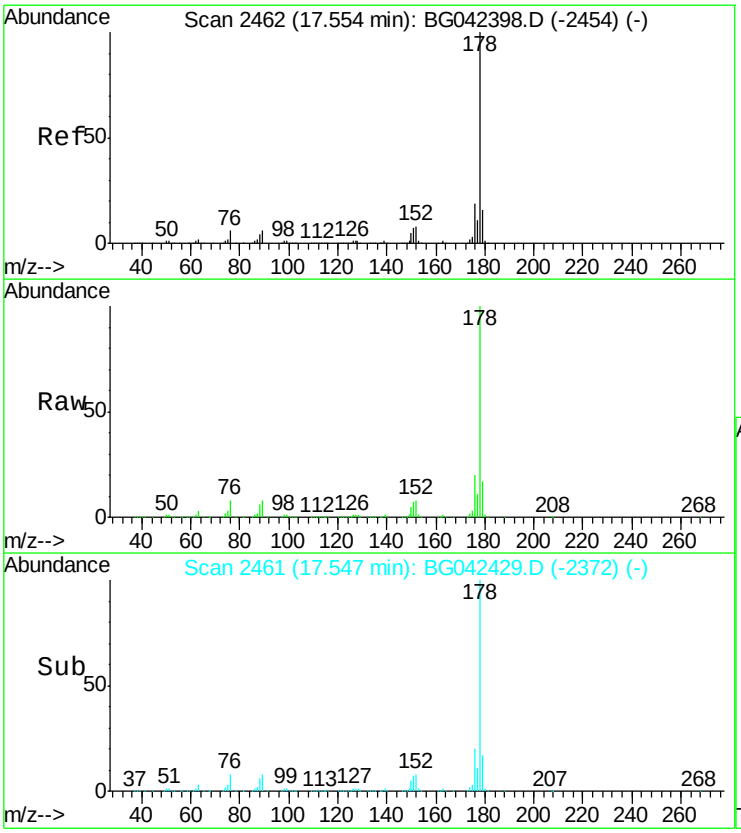
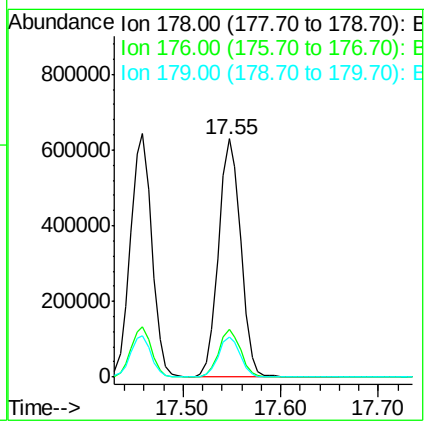
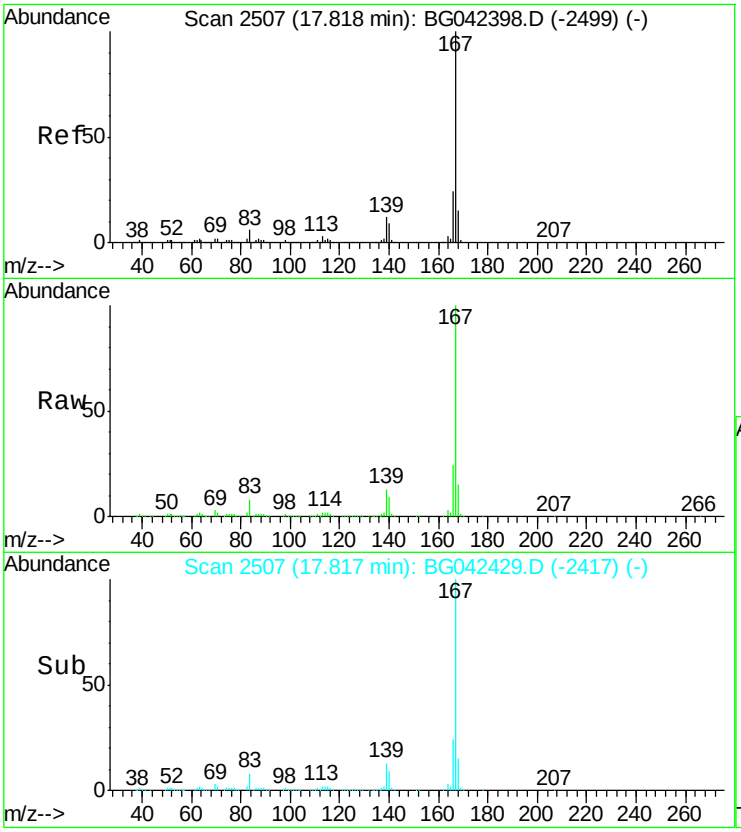



#72
Anthracene
Concen: 42.073 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:178 Resp: 993897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.9 | 15.5 | 23.3 |
| 179 | 16.8 | 12.9 | 19.3 |

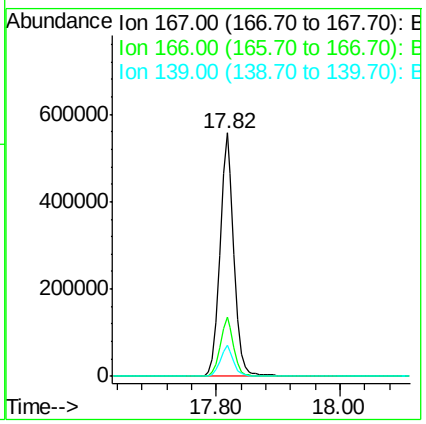





#73
Carbazole
Concen: 41.478 ng
RT: 17.82 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:167 Resp: 873268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 24.2 | 18.9 | 28.3 |
| 139 | 12.6 | 9.8 | 14.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

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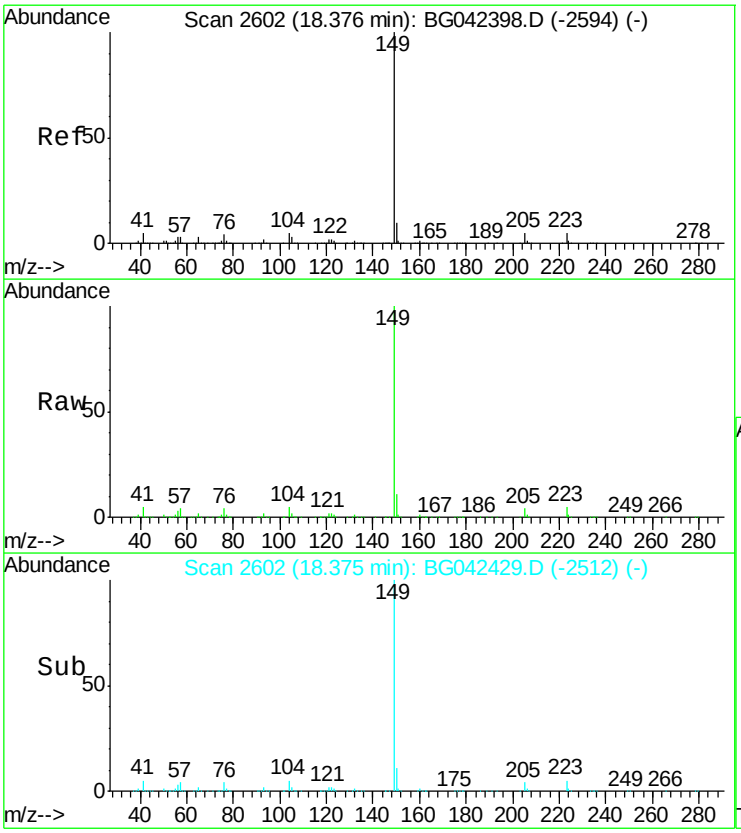
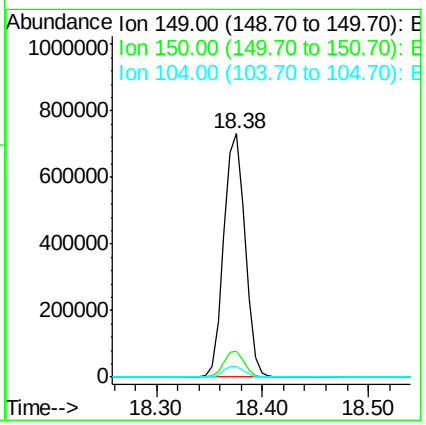
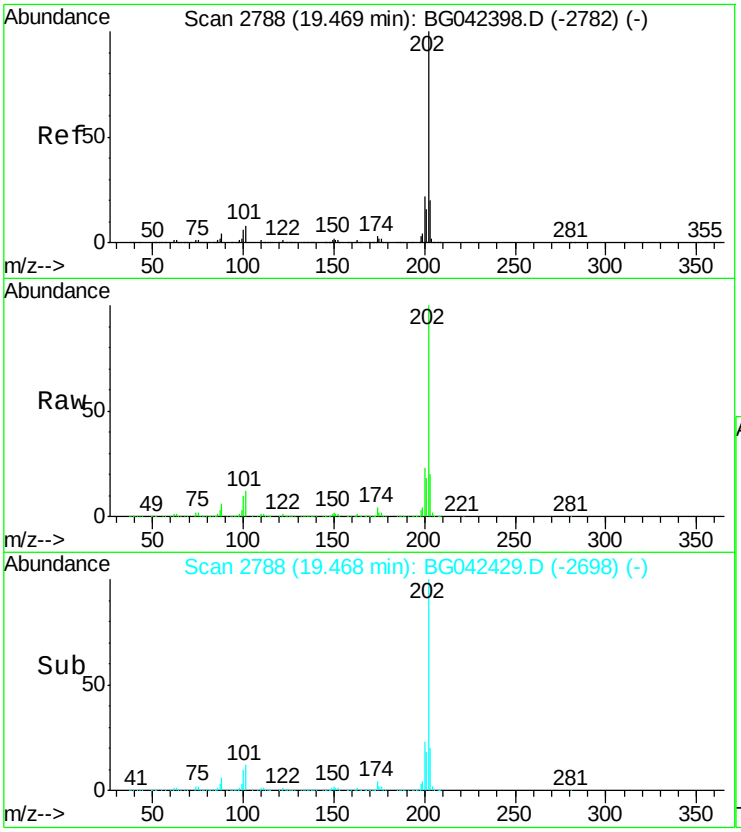



#74
Di-n-butylphthalate
Concen: 40.845 ng
RT: 18.38 min Scan# 2602
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:149 Resp: 1016523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 10.6 | 8.1 | 12.1 |
| 104 | 4.5 | 3.7 | 5.5 |

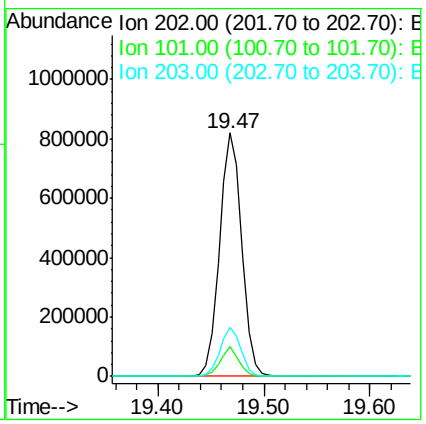





#75
Fluoranthene
Concen: 41.225 ng
RT: 19.47 min Scan# 2788
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:202 Resp: 1190560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.3 | 0.0 | 28.3 |
| 203 | 20.0 | 0.0 | 39.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

**Manual Integrations APPROVED**
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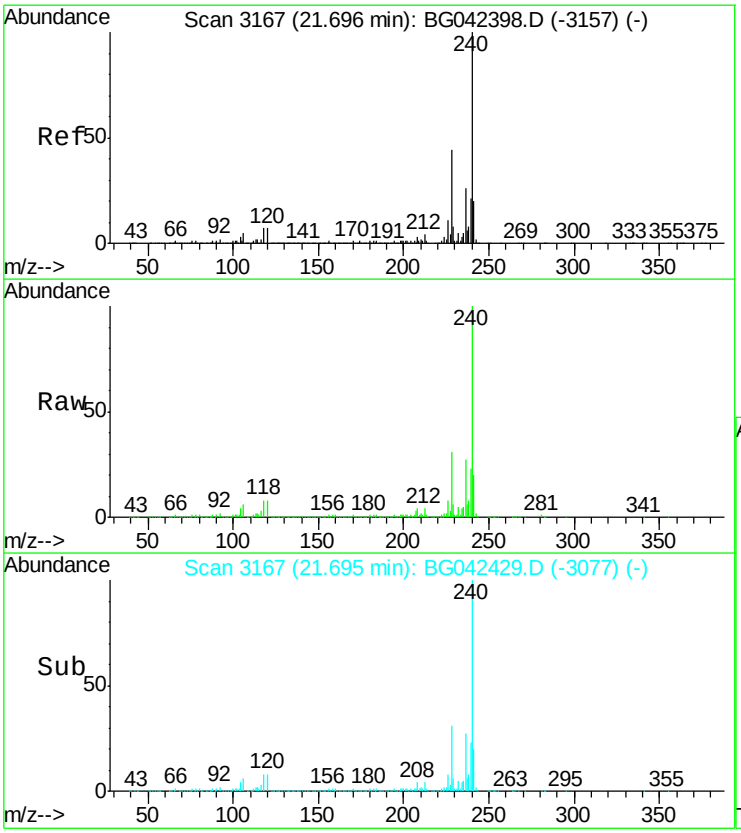
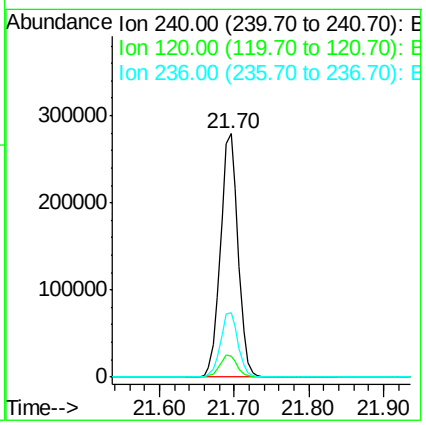
8/26/2019 2:01:39 PM

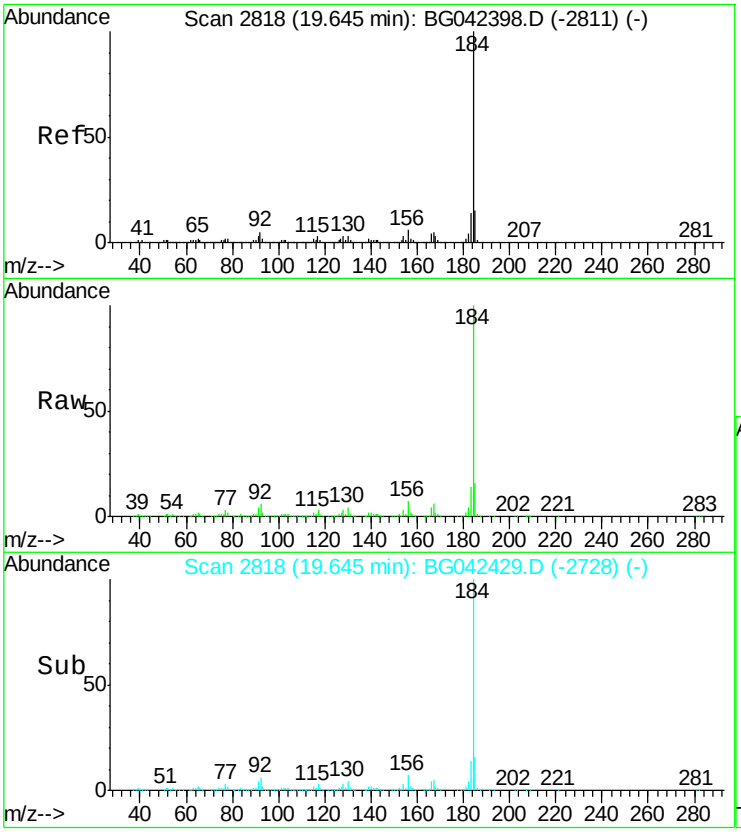



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:240 Resp: 457551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.4 | 5.7 | 8.5 |
| 236 | 26.7 | 21.0 | 31.4 |

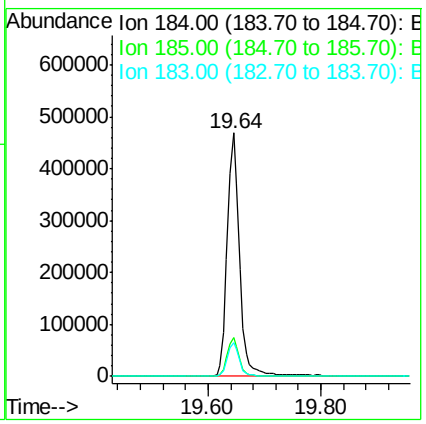





#77
Benzidine
Concen: 54.928 ng
RT: 19.64 min Scan# 2818
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:184 Resp: 720550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 16.0 | 12.2 | 18.4 |
| 183 | 13.9 | 10.8 | 16.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

**Manual Integrations APPROVED**
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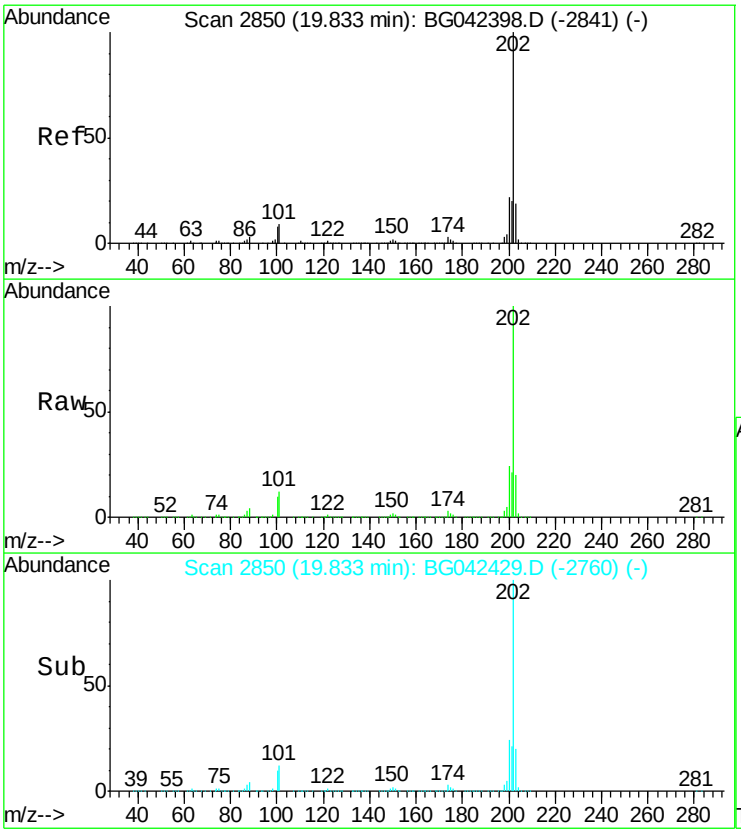
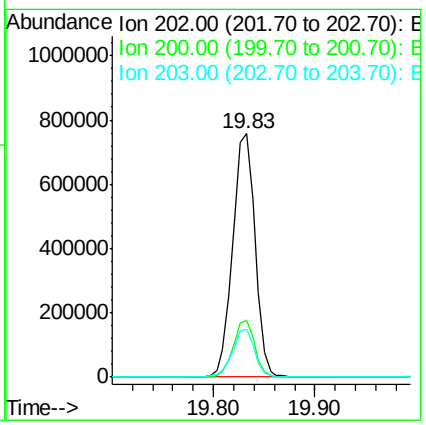
8/26/2019 2:01:39 PM

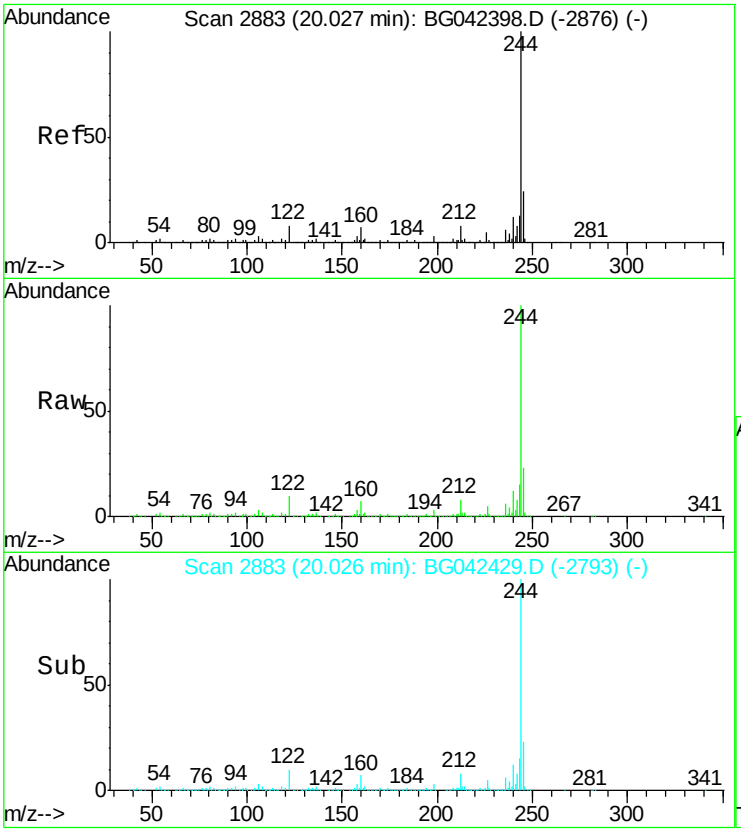



#78
Pyrene
Concen: 41.471 ng
RT: 19.83 min Scan# 2850
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:202 Resp: 1163352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 23.5 | 17.8 | 26.6 |
| 203 | 19.7 | 15.5 | 23.3 |






#79
Terphenyl-d14
Concen: 64.112 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:244 Resp: 1356873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.7 | 6.0 | 9.0 |
| 122 | 10.1 | 6.7 | 10.1# |

**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

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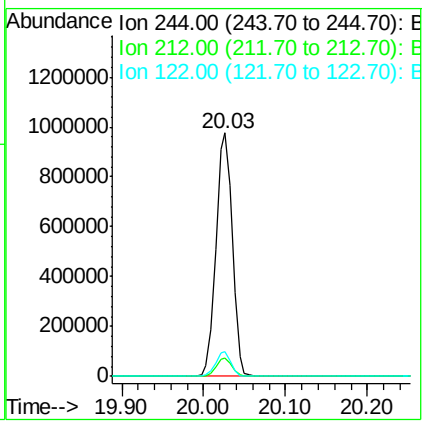
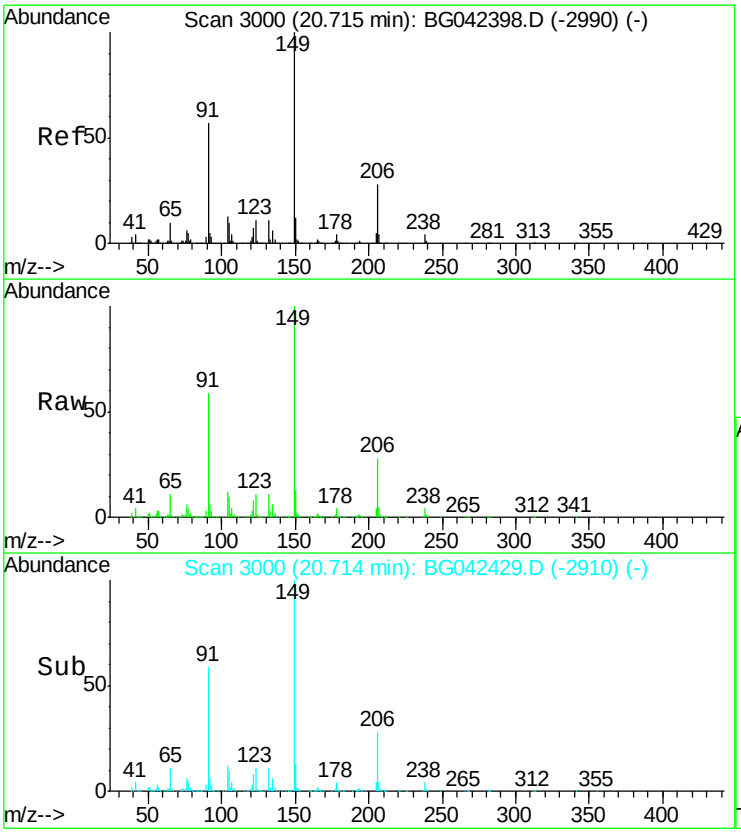
8/26/2019 2:01:39 PM

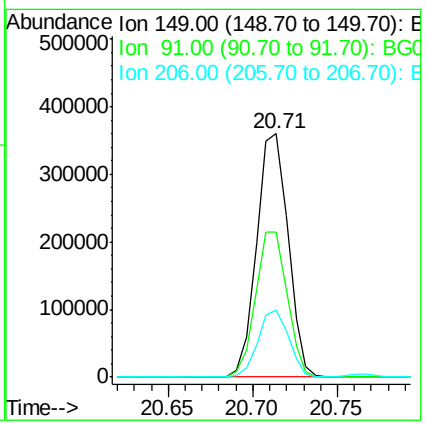


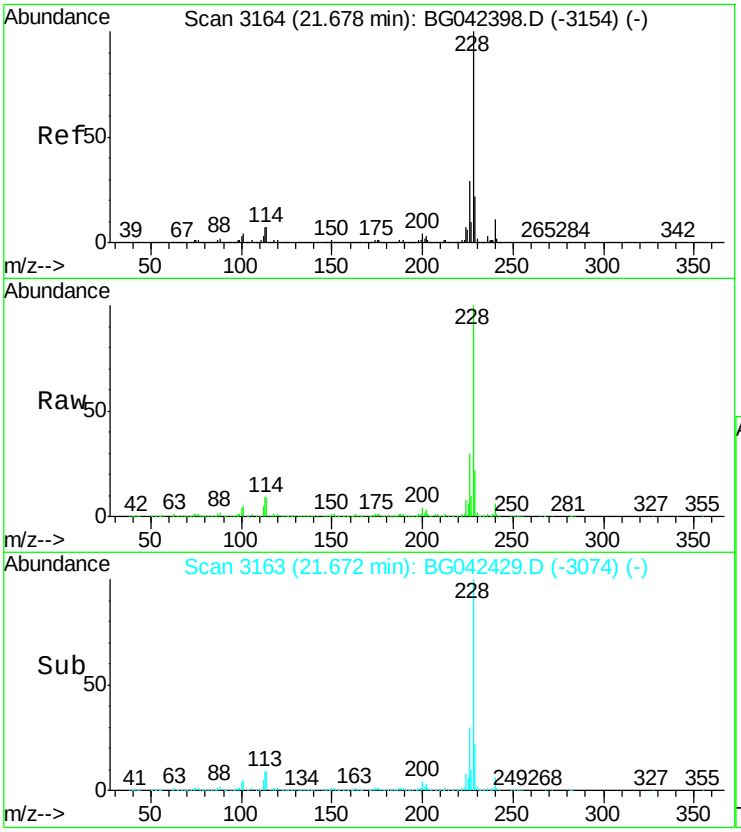




#80
Butylbenzylphthalate
Concen: 42.333 ng
RT: 20.71 min Scan# 3000
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:149 Resp: 467078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 59.4 | 45.9 | 68.9 |
| 206 | 27.5 | 22.5 | 33.7 |

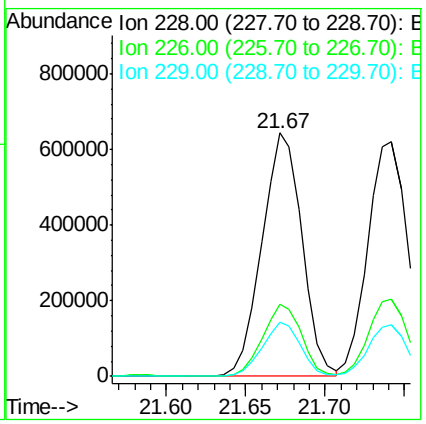





#81
Benzo(a)anthracene
Concen: 40.522 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:228 Resp: 1127881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.8 | 23.4 | 35.2 |
| 229 | 22.1 | 17.4 | 26.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

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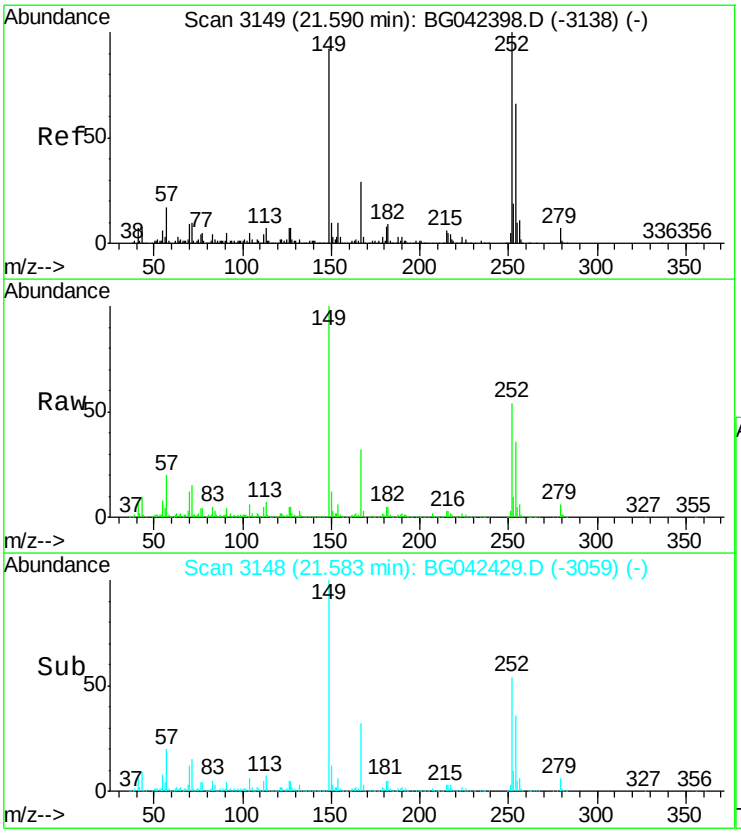
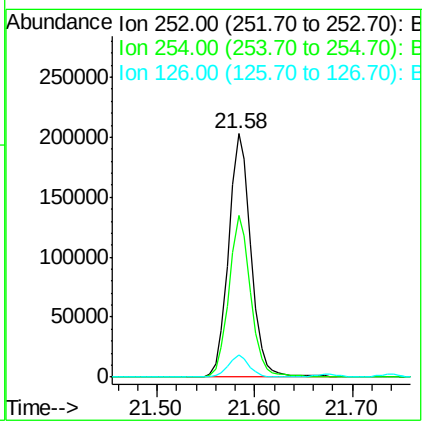
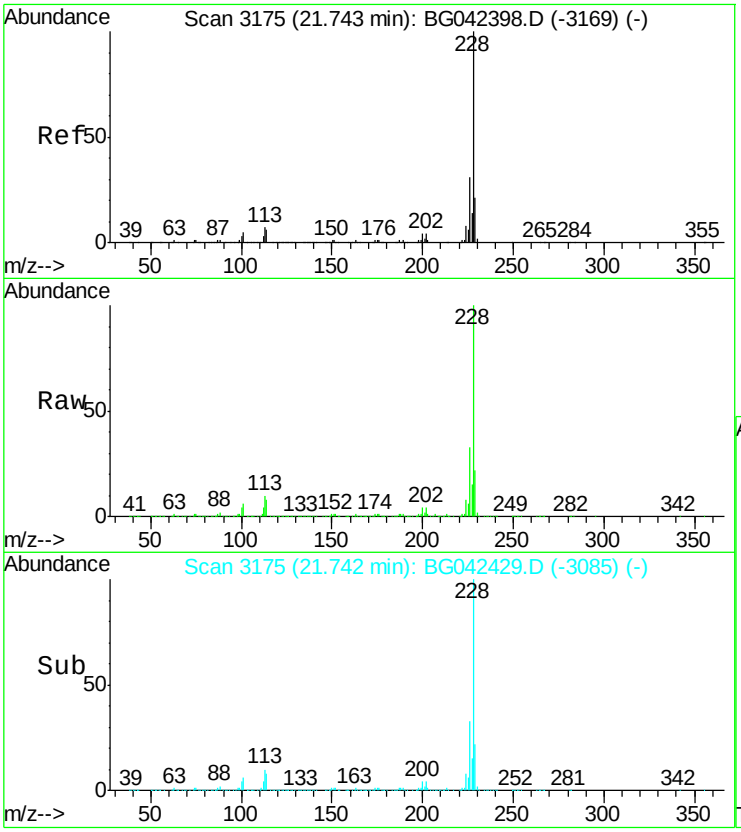



#82
3,3'-Dichlorobenzidine
Concen: 28.706 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:252 Resp: 321344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 66.6 | 53.0 | 79.4 |
| 126 | 9.3 | 5.7 | 8.5# |

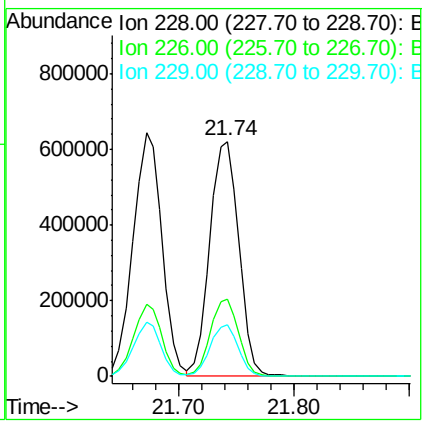





#83
Chrysene
Concen: 40.275 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:228 Resp: 1081119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 32.6 | 24.9 | 37.3 |
| 229 | 21.9 | 16.9 | 25.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

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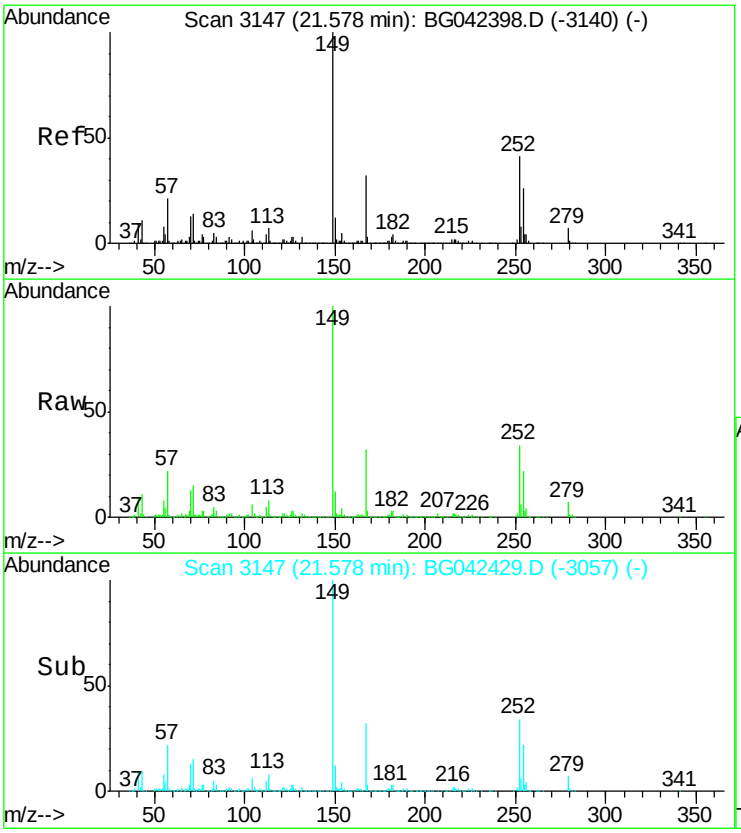
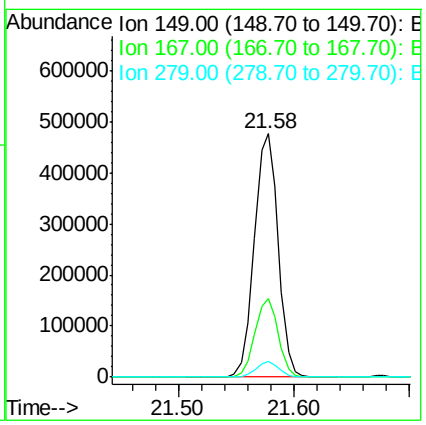
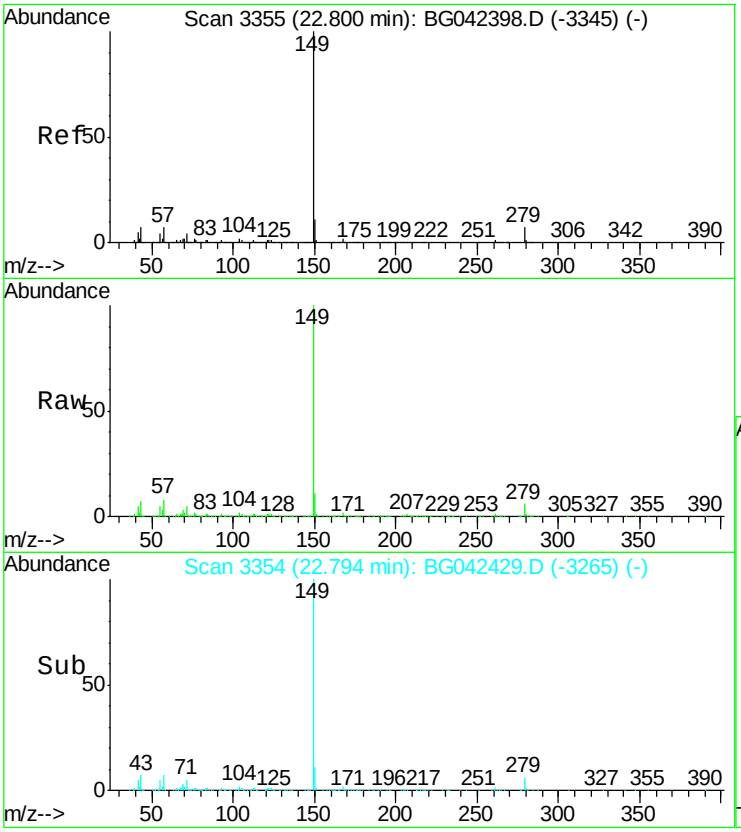



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.495 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:149 Resp: 681644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 32.5 | 26.0 | 39.0 |
| 279 | 6.6 | 5.4 | 8.0 |

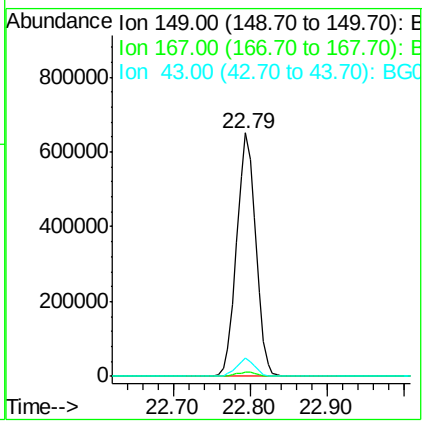





#85
Di-n-octyl phthalate
Concen: 42.871 ng
RT: 22.79 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:149 Resp: 1129584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 2.0 | 1.6 | 2.4 |
| 43 | 6.9 | 5.3 | 7.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

**Manual Integrations APPROVED**
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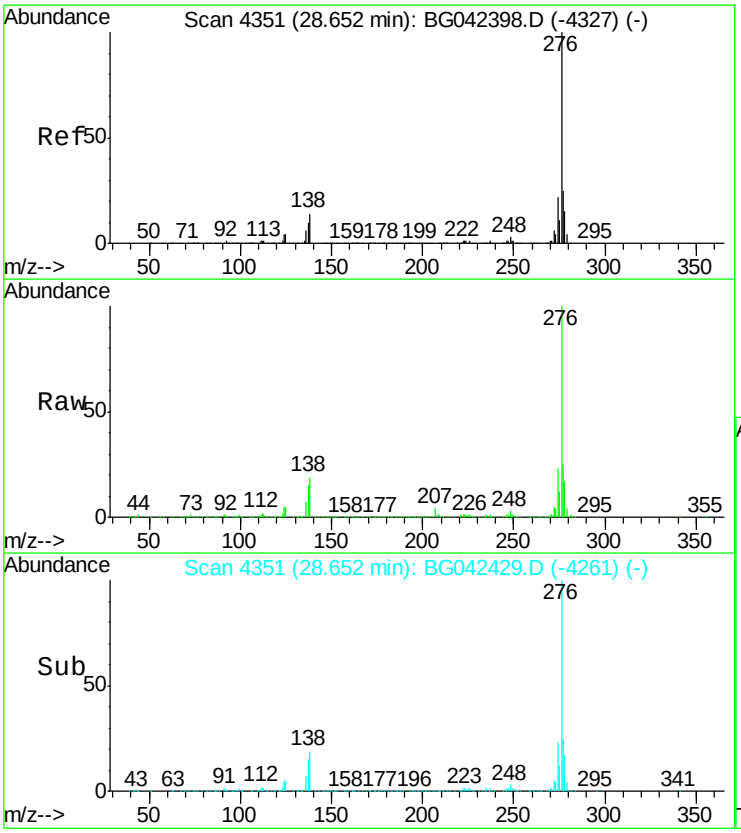
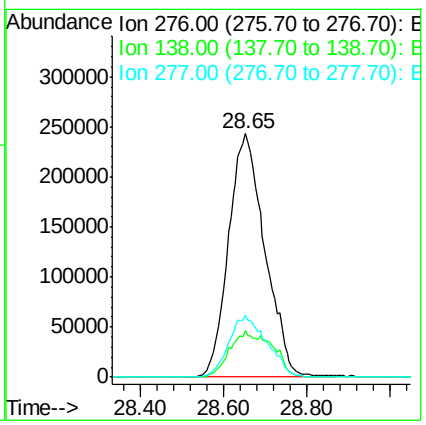
8/26/2019 2:01:39 PM

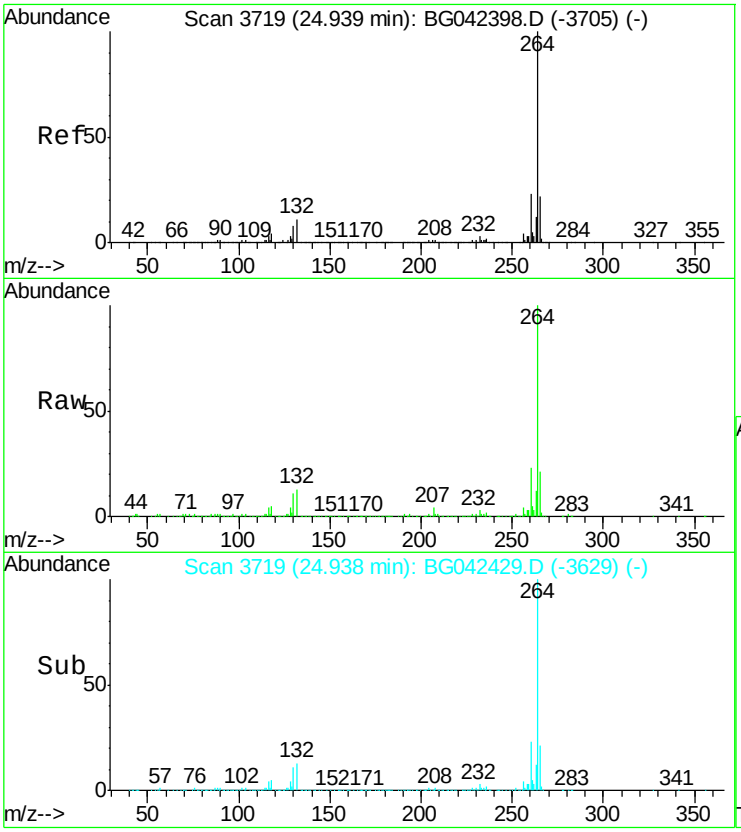



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.325 ng
RT: 28.65 min Scan# 4351
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:276 Resp: 1471013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 13.6 | 9.2 | 13.8 |
| 277 | 26.6 | 21.0 | 31.6 |

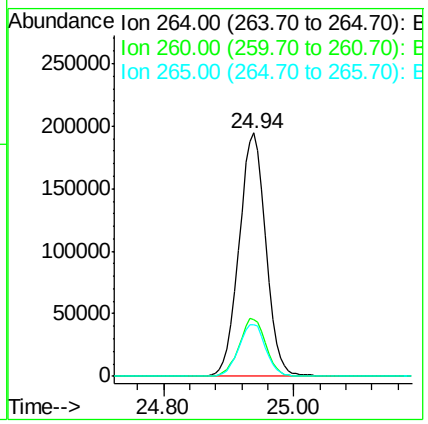





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

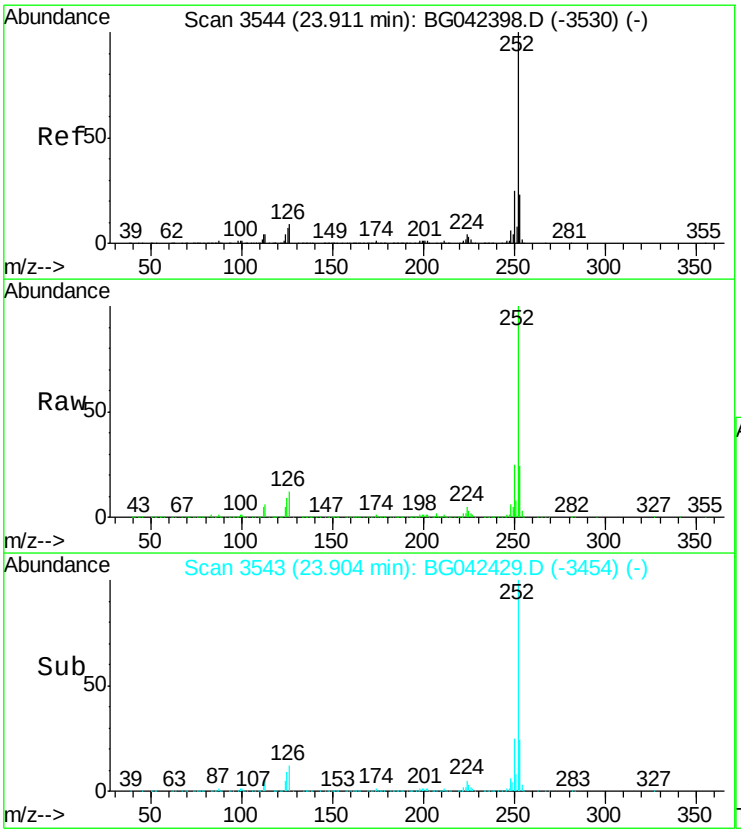
Tgt Ion:264 Resp: 552739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.4 | 18.5 | 27.7 |
| 265 | 21.4 | 17.6 | 26.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

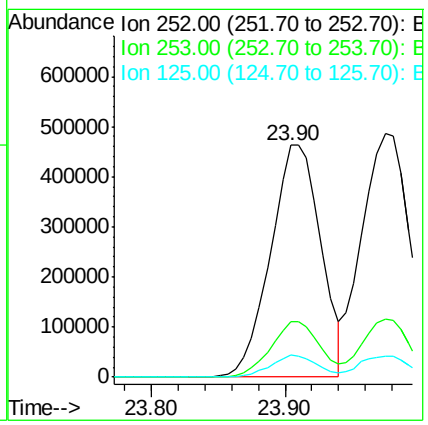
**Manual Integrations APPROVED**
Jagrut
8/26/2019 2:01:39 PM

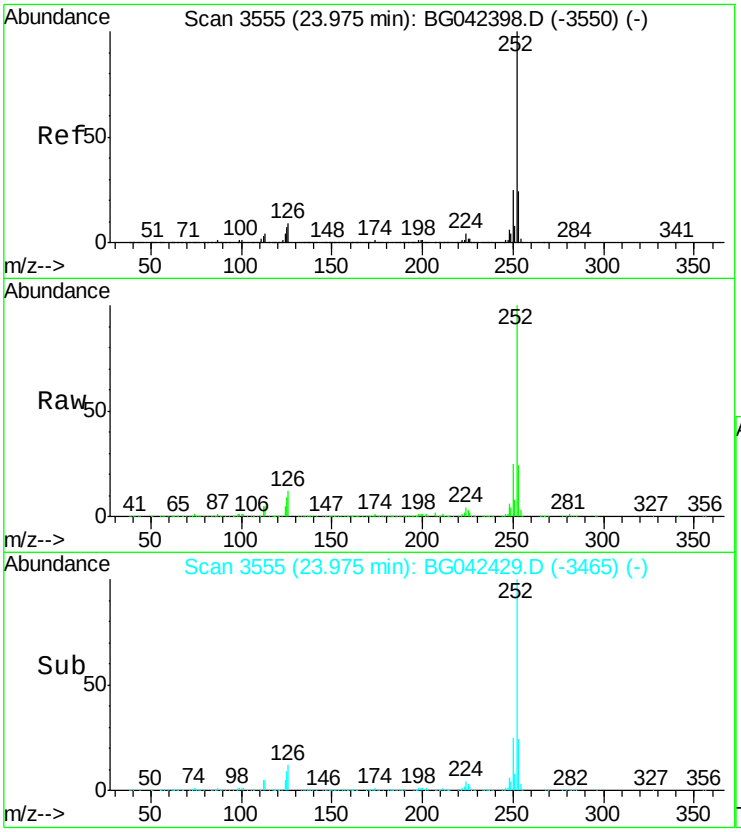



#88
Benzo(b)fluoranthene
Concen: 39.718 ng
RT: 23.90 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:252 Resp: 1206931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.2 | 18.6 | 27.8 |
| 125 | 9.3 | 5.6 | 8.4# |

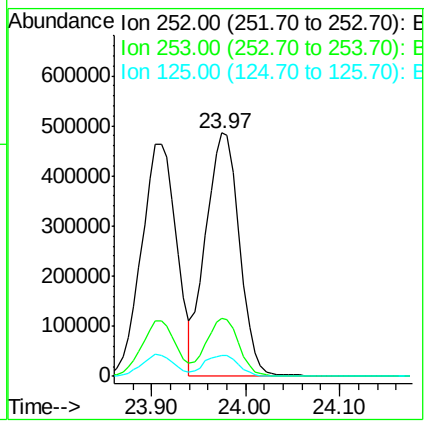





#89
Benzo(k)fluoranthene
Concen: 41.591 ng
RT: 23.97 min Scan# 3555
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

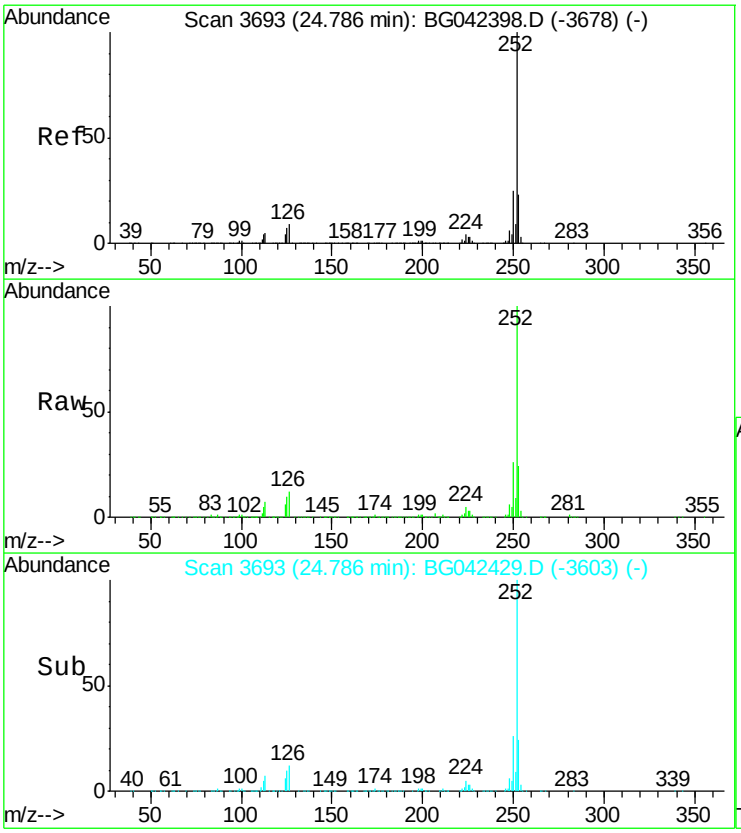
Tgt Ion:252 Resp: 1214817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.9 | 18.6 | 27.8 |
| 125 | 8.7 | 5.8 | 8.6# |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

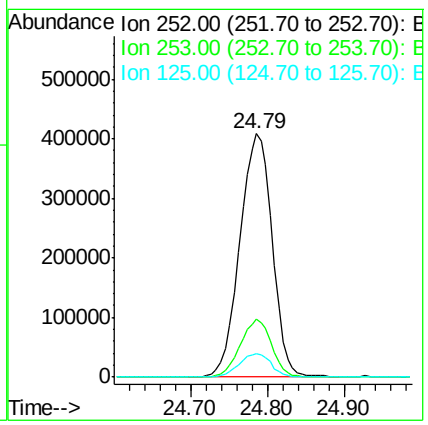
**Manual Integrations APPROVED**
Jagrut
8/26/2019 2:01:39 PM

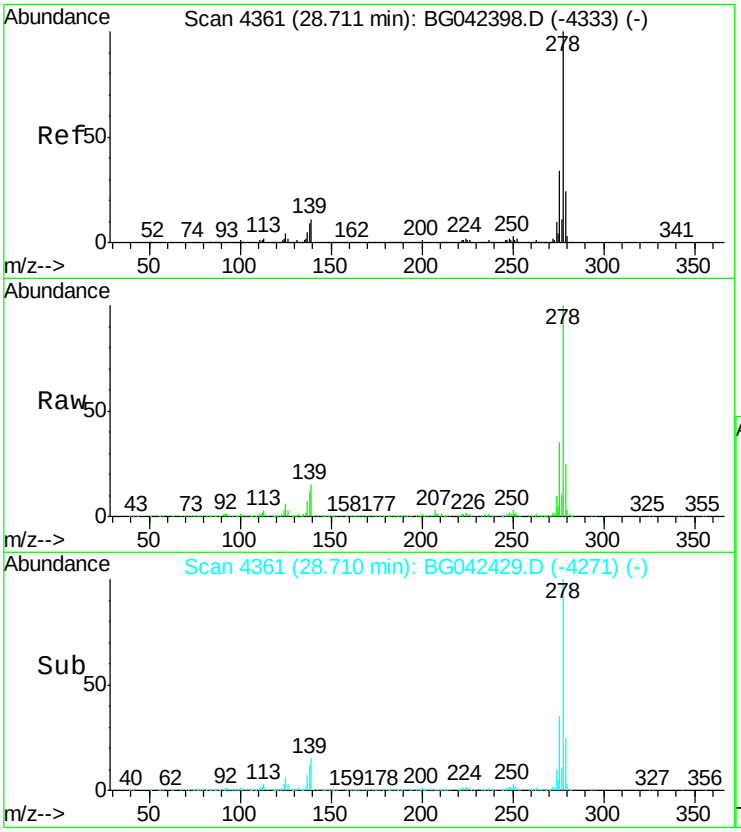



#90
Benzo(a)pyrene
Concen: 41.583 ng
RT: 24.79 min Scan# 3693
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:252 Resp: 1199053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.6 | 18.4 | 27.6 |
| 125 | 9.6 | 6.0 | 9.0# |

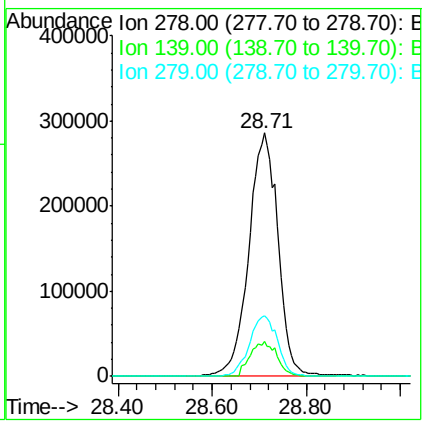





#91
Dibenzo(a,h)anthracene
Concen: 42.158 ng
RT: 28.71 min Scan# 4361
Delta R.T. -0.00 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

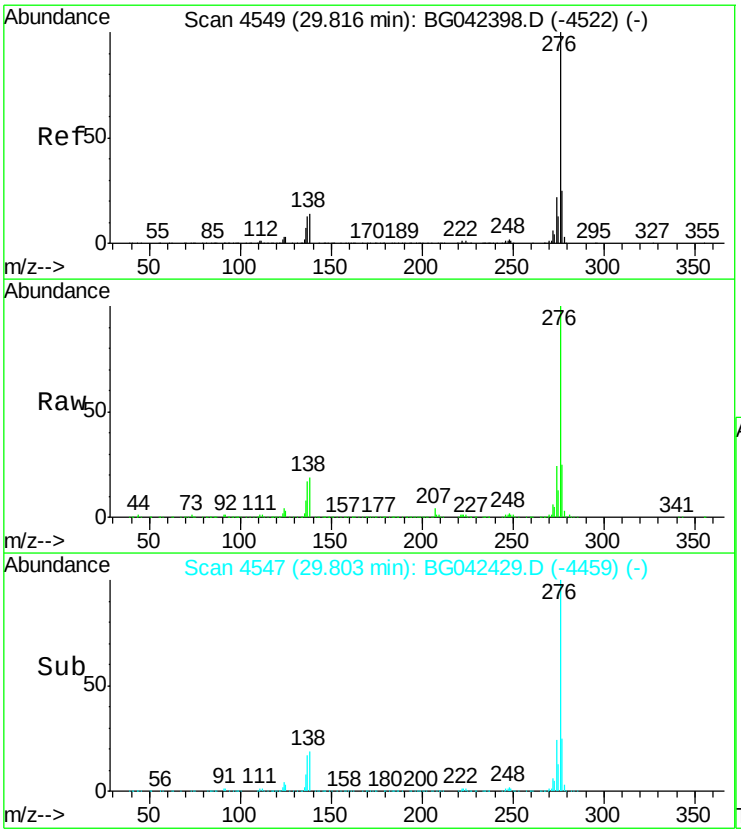
Tgt Ion:278 Resp: 1230835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 14.6 | 8.8 | 13.2# |
| 279 | 24.7 | 19.1 | 28.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB122218BS

**Manual Integrations APPROVED**
Jagrut
8/26/2019 2:01:39 PM




#92
Benzo(g,h,i)perylene
Concen: 41.770 ng
RT: 29.80 min Scan# 4547
Delta R.T. -0.01 min
Lab File: BG042429.D
Acq: 23 Aug 2019 11:43

Tgt Ion:276 Resp: 1219694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 25.2 | 19.8 | 29.8 |
| 138 | 18.6 | 11.4 | 17.0# |