Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG012918\
Data File : BG032417.D
Acq On : 29 Jan 2018 16:47
Operator : SJ/JU
Sample : J1196-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jan 30 03:26:15 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.72 | 152 | 29846 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.61 | 136 | 123558 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 15.36 | 164 | 92319 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 18.09 | 188 | 239792 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 22.42 | 240 | 293804 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 26.10 | 264 | 313074 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 6.15 | 112 | 134576 | 90.57 | ng | | 0.00 |
| 7) Phenol-d6 | 7.84 | 99 | 174659 | 88.08 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.92 | 82 | 111593 | 56.41 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.84 | 330 | 154140 | 87.71 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.99 | 172 | 447455 | 57.61 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.63 | 244 | 877735 | 63.99 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 6) Aniline | 8.11 | 93 | 84816 | 34.307 | ng | # | 54 |
| 8) 2-Chlorophenol | 8.27 | 128 | 71403 | 40.651 | ng | # | 77 |
| 10) Phenol | 7.86 | 94 | 93651 | 49.734 | ng | | 94 |
| 11) bis(2-Chloroethyl)ether | 8.11 | 93 | 84816 | 59.115 | ng | # | 80 |
| 12) 1,3-Dichlorobenzene | 8.60 | 146 | 50078 | 21.082 | ng | | 95 |
| 13) 1,4-Dichlorobenzene | 8.76 | 146 | 155361 | 65.255 | ng | | 95 |
| 14) 1,2-Dichlorobenzene | 8.76 | 146 | 155361 | 66.613 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropropan | 9.25 | 45 | 161143 | 118.526 | ng | | 75 |
| 17) 2-Methylphenol | 9.16 | 107 | 101175 | 66.155 | ng | | 91 |
| 18) Hexachloroethane | 9.84 | 117 | 42661 | 53.369 | ng | # | 73 |
| 19) n-Nitroso-di-n-propylamine | 9.53 | 70 | 81402 | 61.915 | ng | # | 86 |
| 20) 3+4-Methylphenols | 9.16 | 107 | 101175 | 47.163 | ng | # | 64 |
| 24) Nitrobenzene | 9.96 | 77 | 82548 | 43.154 | ng | | 92 |
| 25) Isophorone | 10.49 | 82 | 339047 | 100.658 | ng | # | 81 |
| 26) 2-Nitrophenol | 10.70 | 139 | 131825 | 114.004 | ng | # | 80 |
| 27) 2,4-Dimethylphenol | 10.69 | 122 | 8352 | 5.032 | ng | # | 5 |
| 28) bis(2-Chloroethoxy)methane | 10.69 | 93 | 12108 | 6.555 | ng | # | 65 |
| 29) 2,4-Dichlorophenol | 11.23 | 162 | 109249 | 49.690 | ng | | 85 |
| 30) 1,2,4-Trichlorobenzene | 11.46 | 180 | 361919 | 123.507 | ng | | 100 |
| 31) Naphthalene | 11.66 | 128 | 503556 | 83.444 | ng | | 99 |
| 32) Benzoic acid | 10.69 | 122 | 8352 | 13.006 | ng | # | 1 |
| 33) 4-Chloroaniline | 11.66 | 127 | 73040 | 27.137 | ng | # | 39 |
| 34) Hexachlorobutadiene | 11.92 | 225 | 117301 | 51.450 | ng | | 97 |
| 37) 2-Methylnaphthalene | 13.22 | 142 | 403407 | 79.570 | ng | | 94 |
| 46) 2-Chloronaphthalene | 14.25 | 162 | 376315 | 61.558 | ng | | 97 |
| 48) Acenaphthylene | 15.42 | 152 | 124749 | 13.499 | ng | # | 1 |
| 49) Dimethylphthalate | 14.78 | 163 | 263730 | 30.982 | ng | | 99 |
| 51) Acenaphthene | 15.42 | 154 | 243184 | 37.943 | ng | | 99 |
| 54) Dibenzofuran | 15.75 | 168 | 598747 | 63.116 | ng | | 97 |
| 55) 4-Nitrophenol | 15.53 | 139 | 29392 | 25.158 | ng | # | 75 |
| 56) 2,4-Dinitrotoluene | 15.70 | 165 | 246431 | 96.875 | ng | # | 71 |
| 57) Fluorene | 16.40 | 166 | 612888 | 77.749 | ng | | 99 |
| 59) Diethylphthalate | 16.13 | 149 | 724821 | 87.428 | ng | | 95 |
| 60) 4-Chlorophenyl-phenylether | 16.37 | 204 | 351862 | 70.785 | ng | | 95 |

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Acq On : 29 Jan 2018 16:47
Operator : SJ/JU
Sample : J1196-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jan 30 03:26:15 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 61) 4-Nitroaniline | 16.40 | 138 | 8600 | 5.142 | ng | # | 15 |
| 62) Azobenzene | 16.37 | 77 | 77910 | 15.725 | ng | # | 44 |
| 66) 4-Bromophenyl-phenylether | 17.27 | 248 | 496911 | 139.877 | ng | | 96 |
| 68) Atrazine | 17.73 | 200 | 33015 | 10.747 | ng | # | 35 |
| 69) Pentachlorophenol | 17.73 | 266 | 183384 | 74.463 | ng | | 98 |
| 70) Phenanthrene | 18.22 | 178 | 888189 | 66.419 | ng | | 99 |
| 71) Anthracene | 18.22 | 178 | 888189 | 66.705 | ng | | 98 |
| 74) Fluoranthene | 20.10 | 202 | 1284190 | 73.227 | ng | | 93 |
| 76) Benzidine | 20.63 | 184 | 12615 | 2.187 | ng | # | 92 |
| 77) Pyrene | 20.10 | 202 | 1284190 | 71.264 | ng | | 98 |
| 80) Benzo(a)anthracene | 22.47 | 228 | 782809 | 42.978 | ng | | 97 |
| 82) Chrysene | 22.47 | 228 | 782809 | 44.503 | ng | | 98 |
| 84) Di-n-octyl phthalate | 23.62 | 149 | 1509874 | 118.115 | ng | # | 89 |
| 85) Indeno(1,2,3-cd)pyrene | 30.40 | 276 | 1678552 | 75.433 | ng | # | 89 |
| 87) Benzo(b)fluoranthene | 24.93 | 252 | 1306850 | 69.085 | ng | # | 95 |
| 88) Benzo(k)fluoranthene | 25.01 | 252 | 1151052 | 61.425 | ng | # | 96 |
| 90) Dibenzo(a,h)anthracene | 30.46 | 278 | 1055240 | 57.199 | ng | # | 95 |
| 91) Benzo(g,h,i)perylene | 31.71 | 276 | 659179 | 35.998 | ng | # | 89 |

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

Quantitation Report (Not Reviewed)

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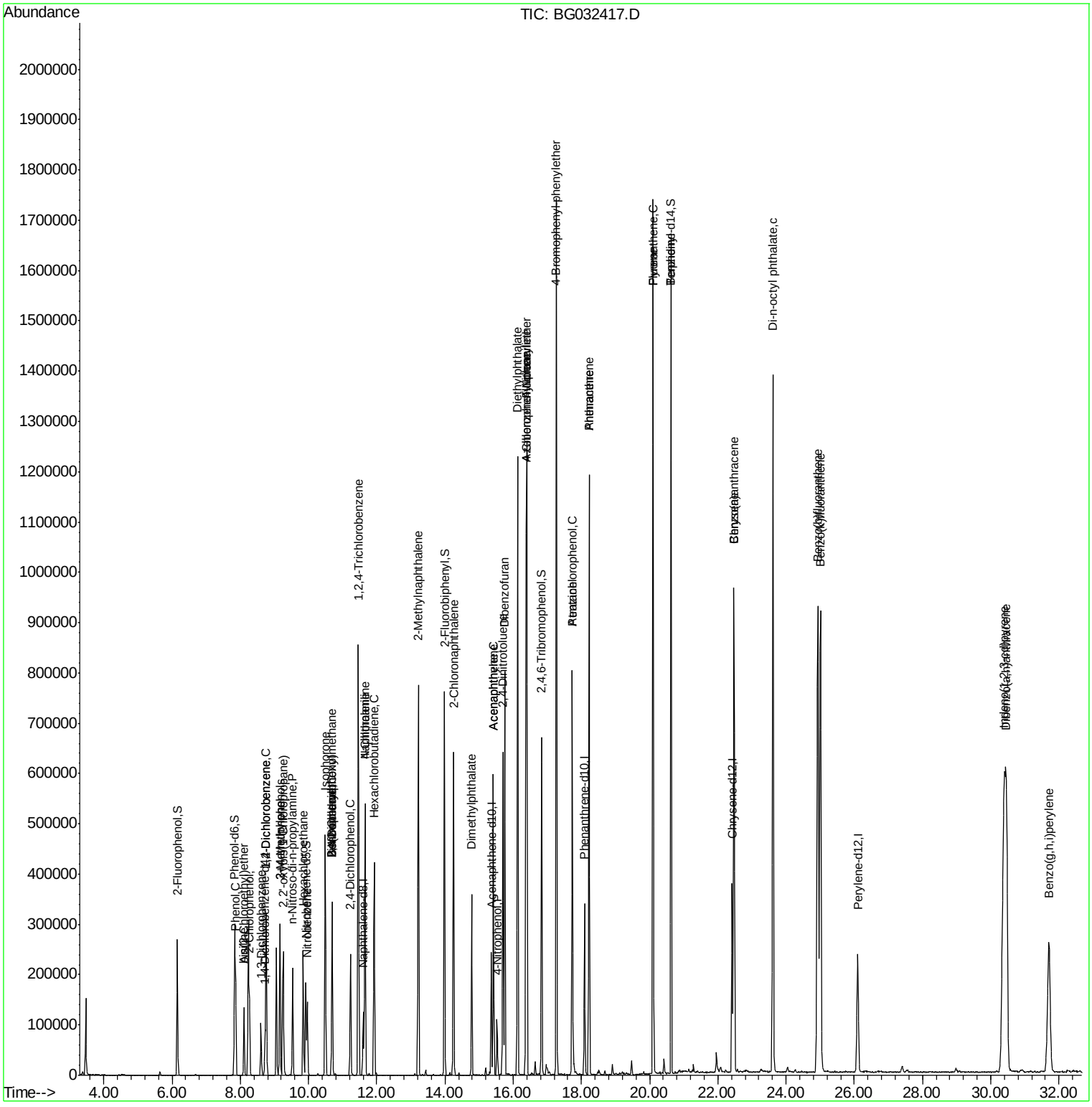
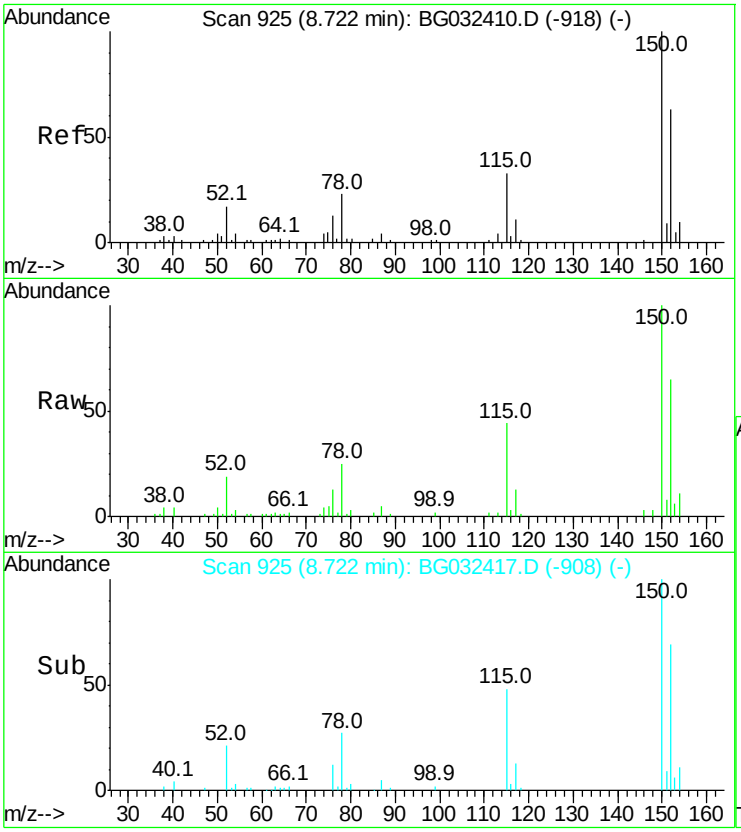
Data File : BG032417.D
Acq On : 29 Jan 2018 16:47
Operator : SJ/JU
Sample : J1196-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jan 30 03:26:15 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration



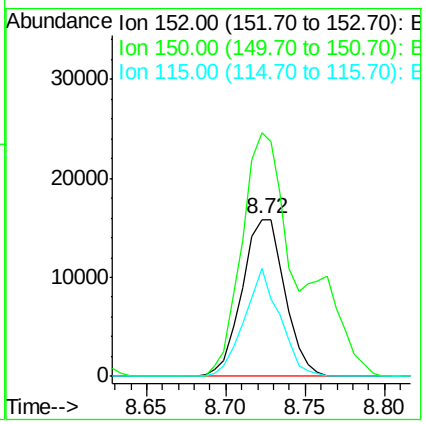


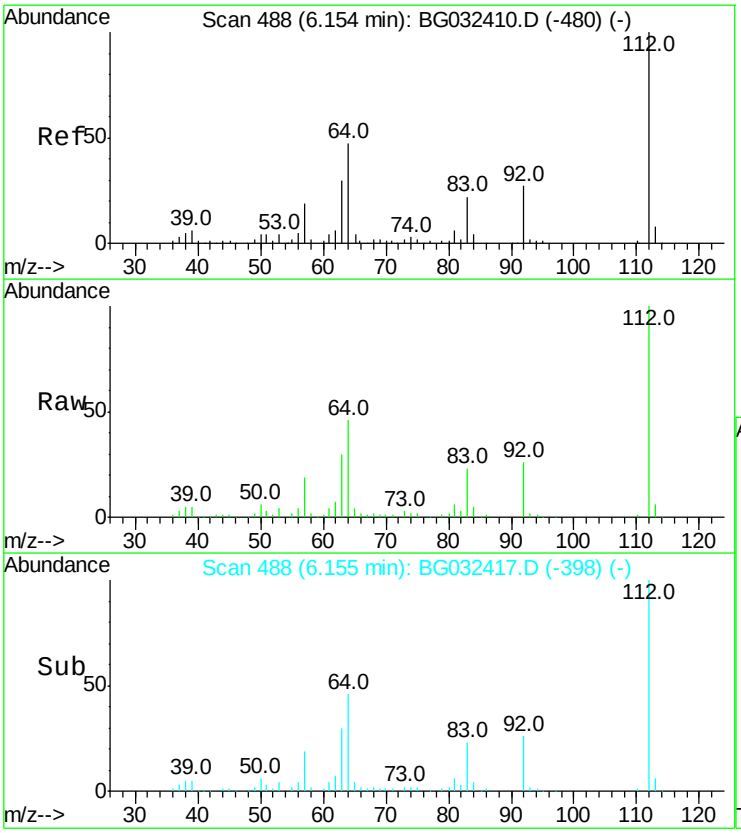

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

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

Tgt Ion:152 Resp: 29846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.0 | 126.6 | 189.8 |
| 115 | 68.8 | 53.0 | 79.4 |

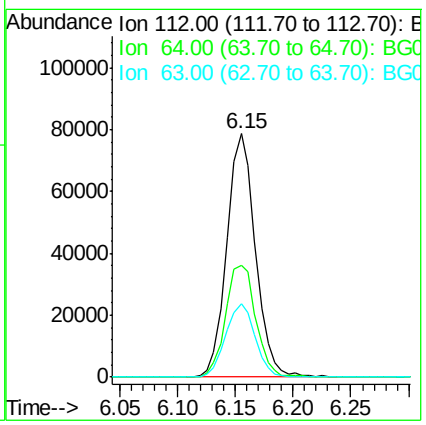


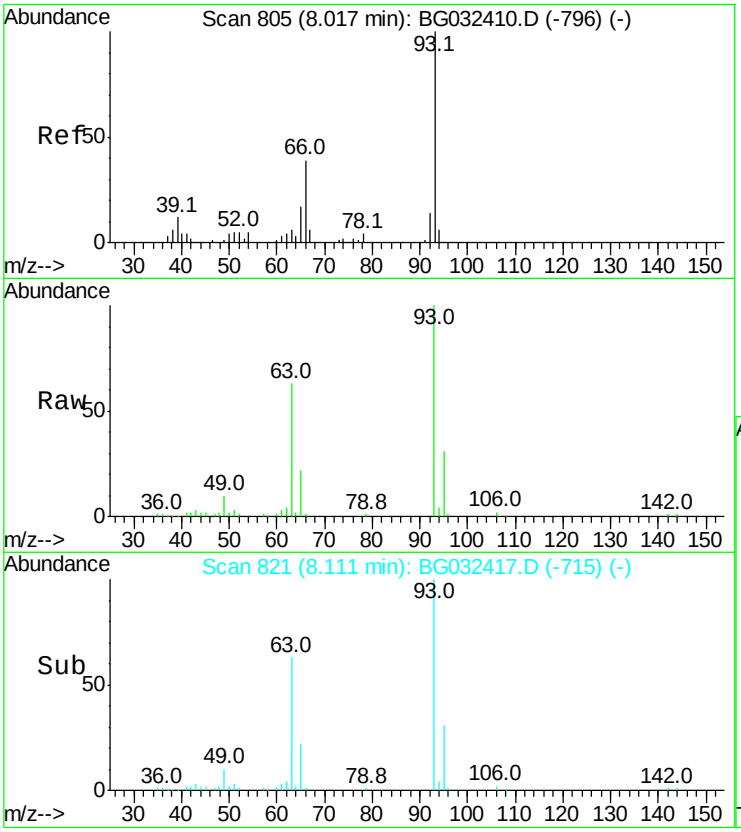




#5
2-Fluorophenol
Concen: 90.566 ng
RT: 6.15 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

Tgt Ion:112 Resp: 134576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 45.8 | 56.3 | 84.5# |
| 63 | 30.2 | 30.1 | 45.1 |



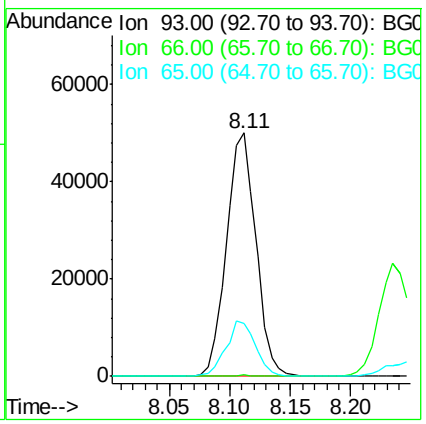


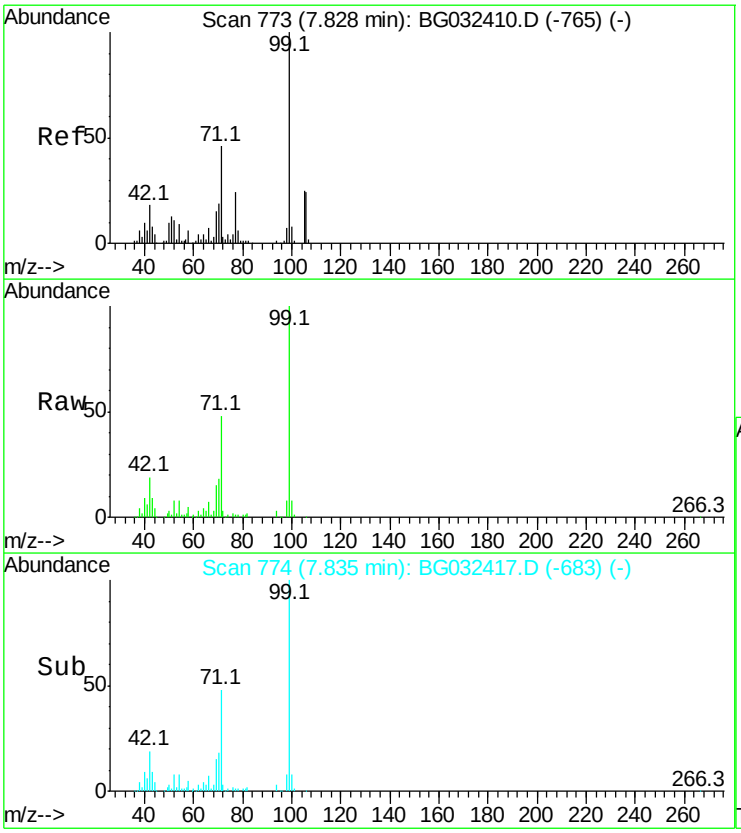

#6
Aniline
Concen: 34.307 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.09 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

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

Tgt Ion: 93 Resp: 84816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 0.6 | 33.7 | 50.5# |
| 65 | 21.8 | 16.1 | 24.1 |

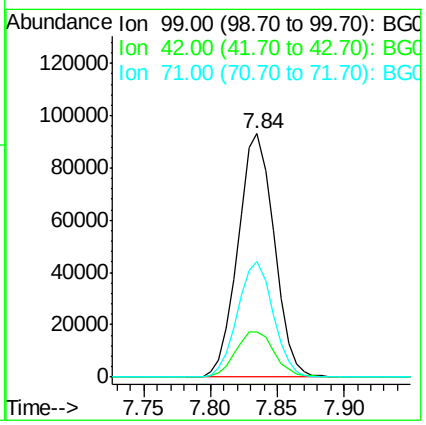


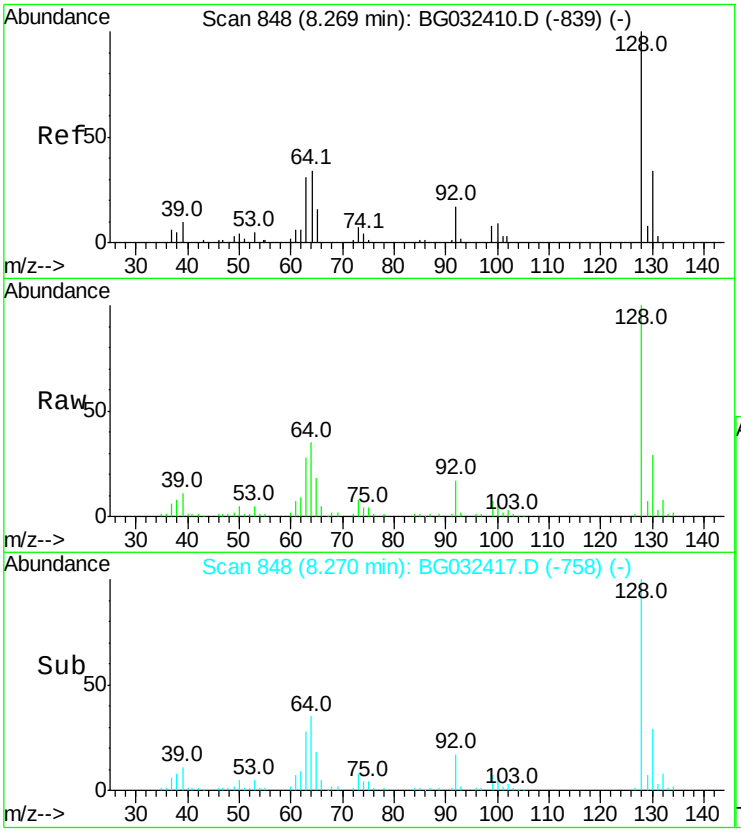




#7
Phenol-d6
Concen: 88.084 ng
RT: 7.84 min Scan# 774
Delta R.T. 0.01 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

Tgt Ion: 99 Resp: 174659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.7 | 14.1 | 21.1 |
| 71 | 47.6 | 26.1 | 39.1# |



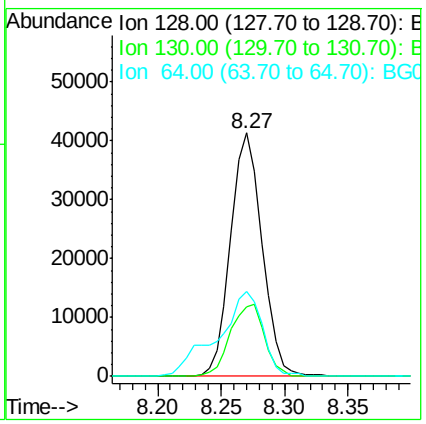


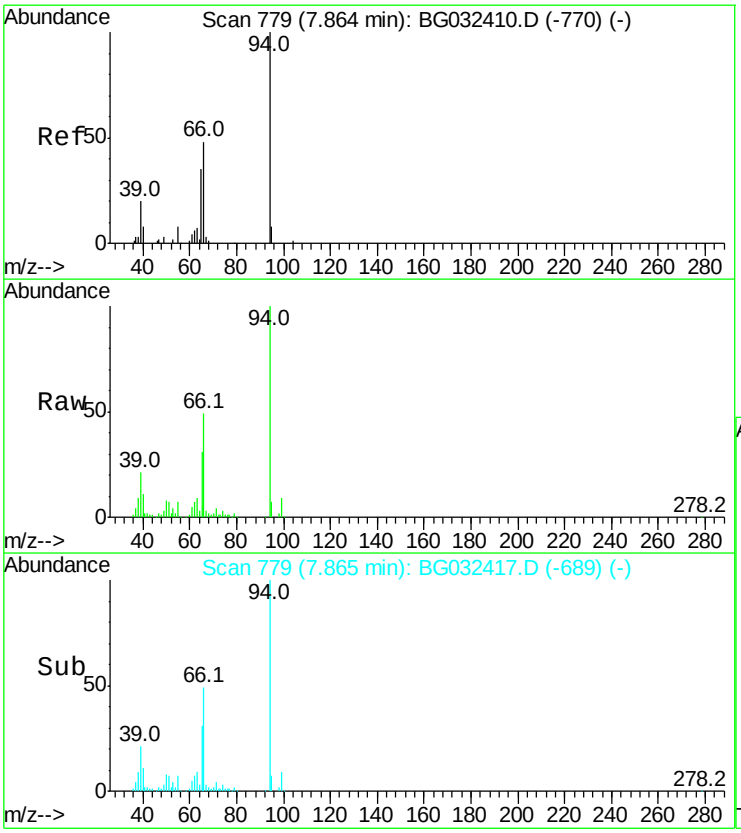

#8
2-Chlorophenol
Concen: 40.651 ng
RT: 8.27 min Scan# 848
Delta R.T. 0.00 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

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

Tgt Ion:128 Resp: 71403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 28.7 | 14.0 | 54.0 |
| 64 | 35.0 | 37.7 | 77.7# |

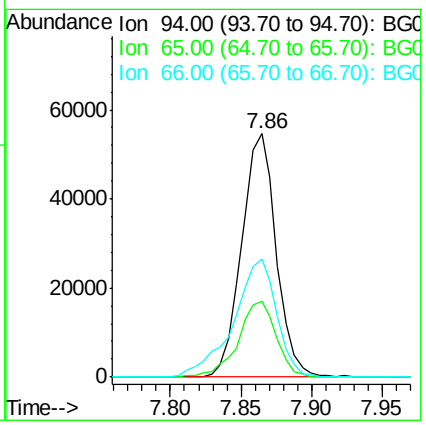


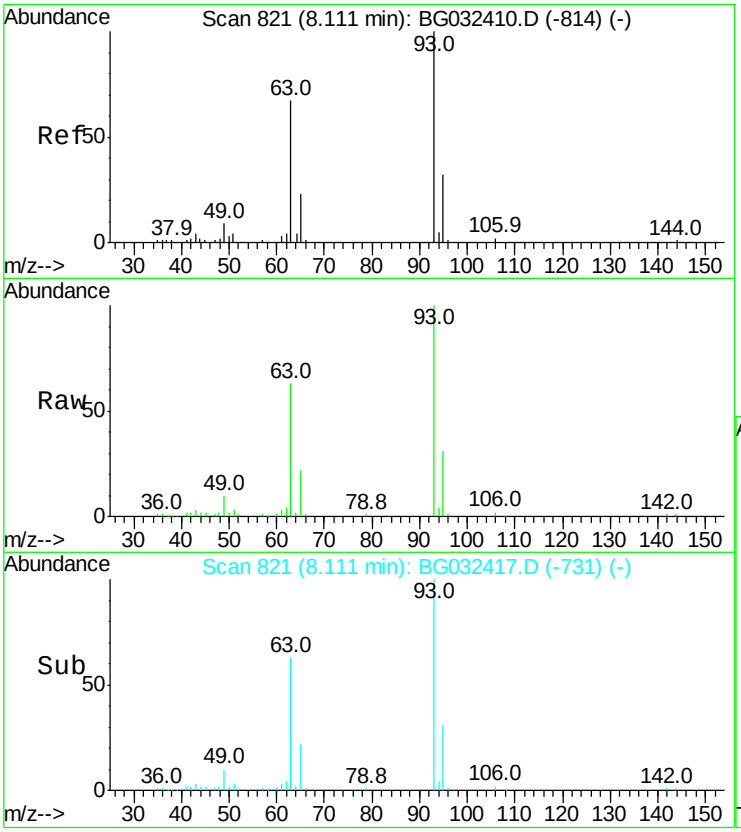




#10
Phenol
Concen: 49.734 ng
RT: 7.86 min Scan# 779
Delta R.T. 0.00 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

Tgt Ion: 94 Resp: 93651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 31.1 | 11.9 | 51.9 |
| 66 | 48.5 | 22.2 | 62.2 |



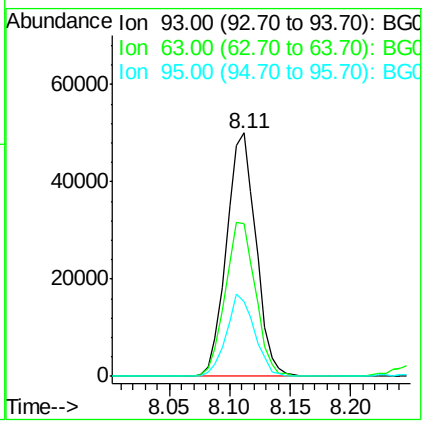


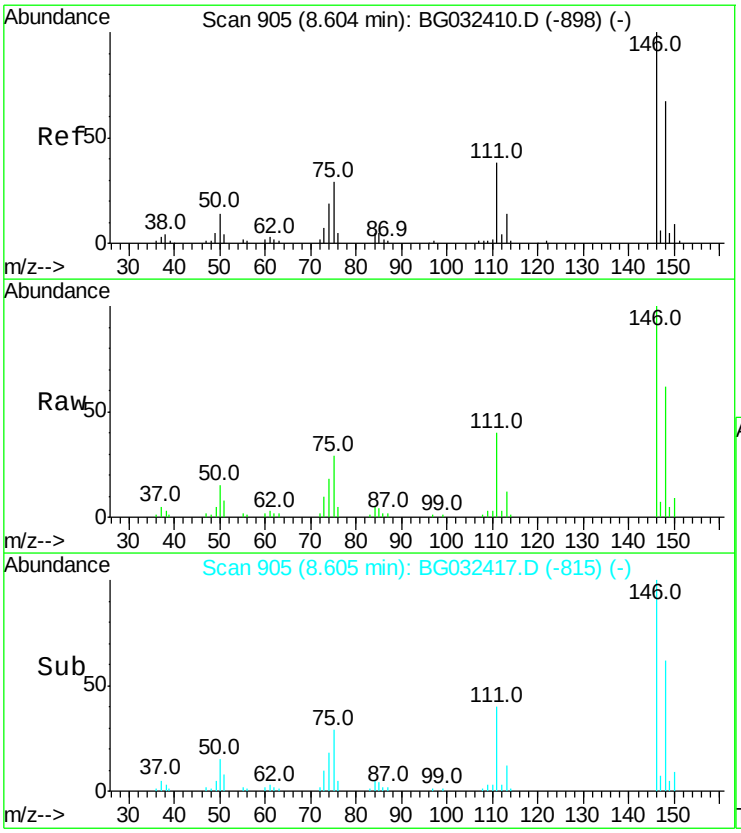

#11
bis(2-Chloroethyl)ether
Concen: 59.115 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

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

Tgt Ion: 93 Resp: 84816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 62.7 | 67.1 | 107.1# |
| 95 | 30.8 | 11.5 | 51.5 |

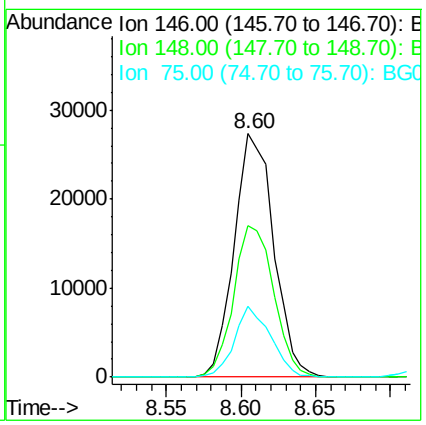


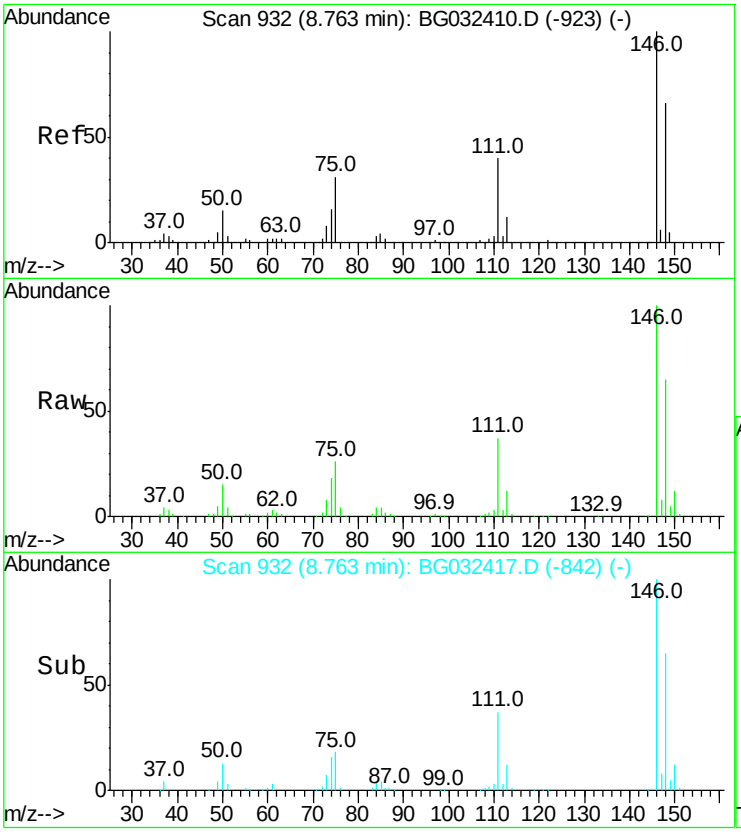




#12
1,3-Dichlorobenzene
Concen: 21.082 ng
RT: 8.60 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

Tgt Ion:146 Resp: 50078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.0 | 51.4 | 77.2 |
| 75 | 28.8 | 26.6 | 39.8 |



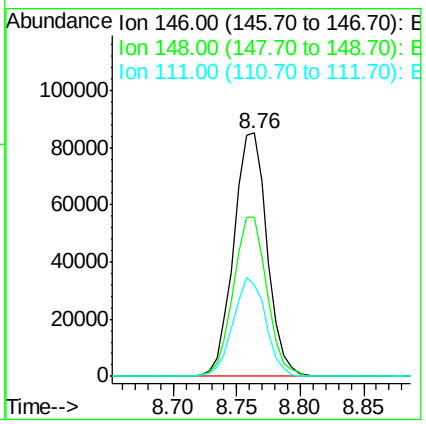


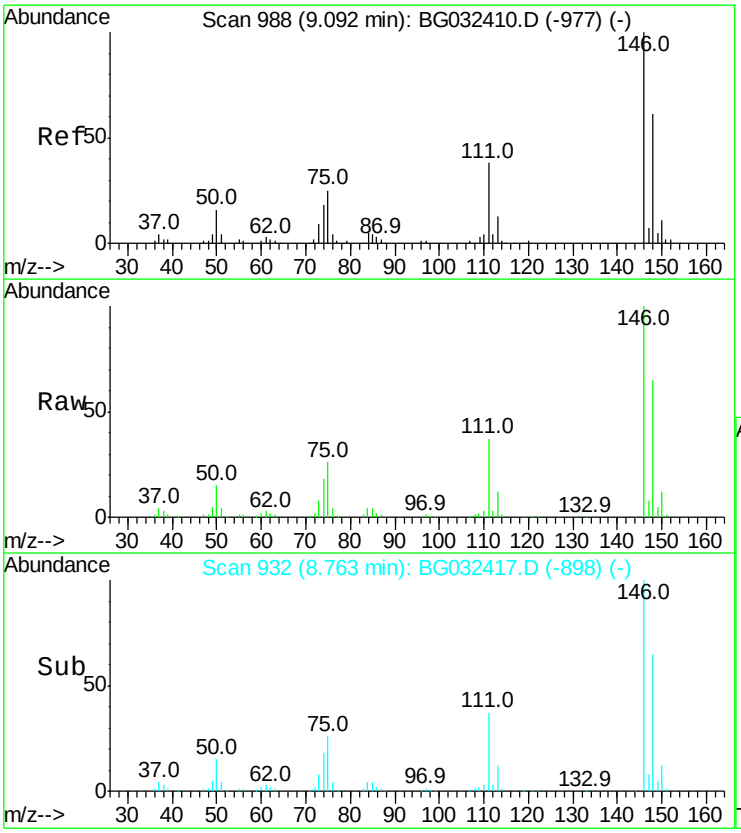

#13
1,4-Dichlorobenzene
Concen: 65.255 ng
RT: 8.76 min Scan# 932
Delta R.T. 0.00 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

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

Tgt Ion:146 Resp: 155361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.4 | 53.7 | 80.5 |
| 111 | 37.4 | 35.2 | 52.8 |

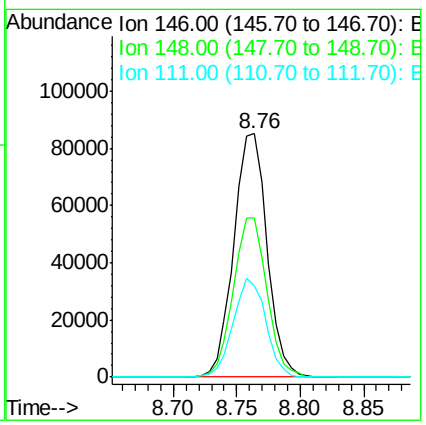


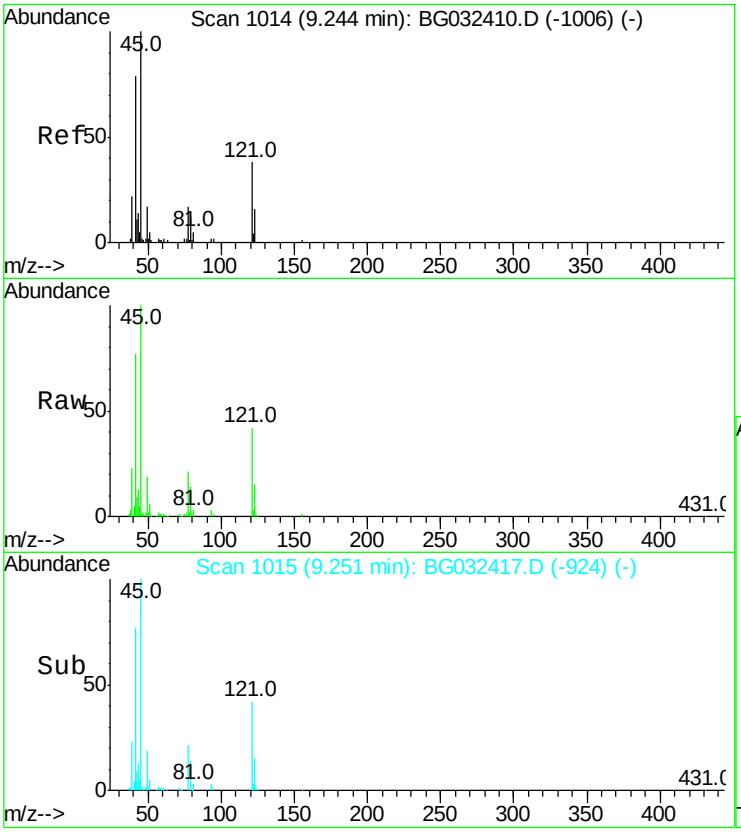




#14
1,2-Dichlorobenzene
Concen: 66.613 ng
RT: 8.76 min Scan# 932
Delta R.T. -0.33 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

Tgt Ion:146 Resp: 155361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.4 | 49.3 | 73.9 |
| 111 | 37.4 | 34.3 | 51.5 |



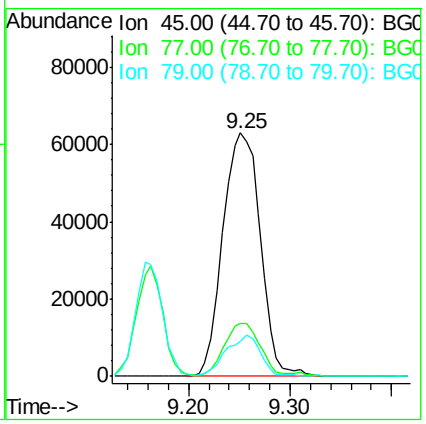


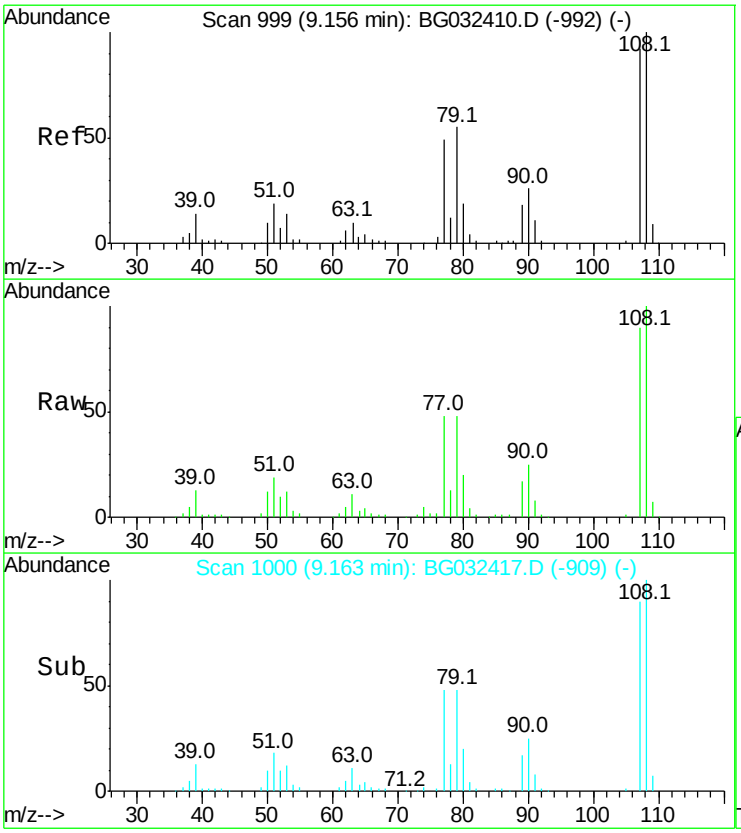

#16
2,2'-oxybis(1-Chloropropane)
Concen: 118.526 ng
RT: 9.25 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

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

Tgt Ion: 45 Resp: 161143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 21.5 | 0.0 | 30.2 |
| 79 | 14.1 | 0.0 | 27.9 |

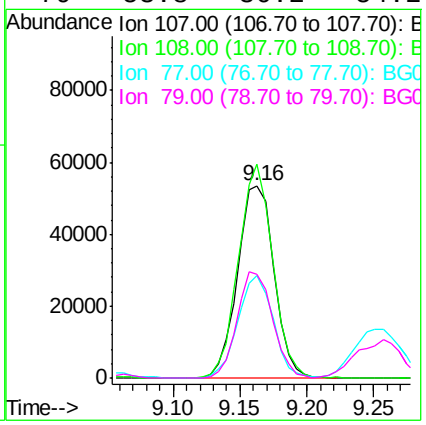


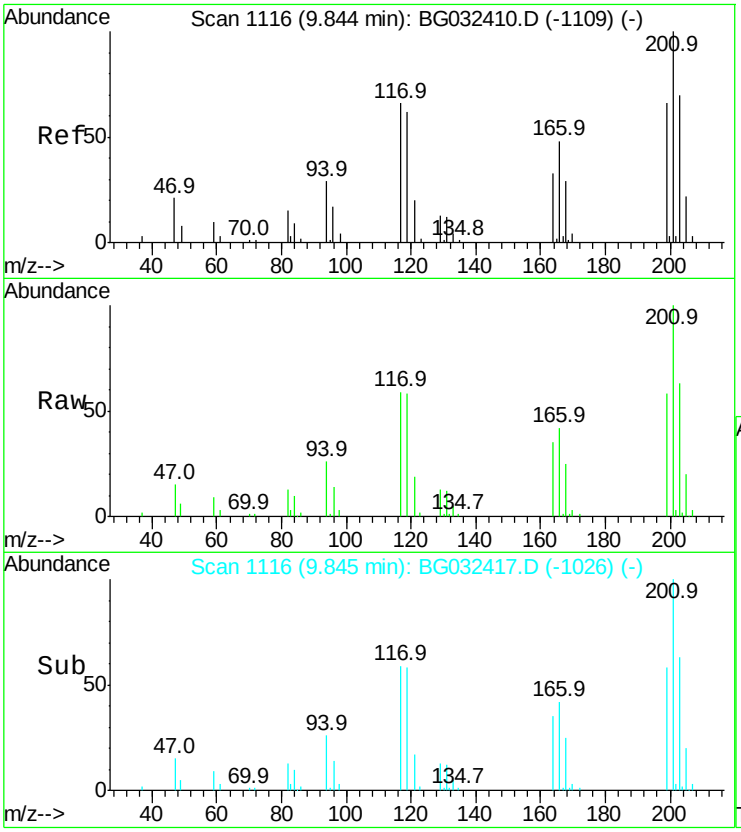




#17
2-Methylphenol
Concen: 66.155 ng
RT: 9.16 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

Tgt Ion:107 Resp: 101175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 111.1 | 83.9 | 125.9 |
| 77 | 53.1 | 37.2 | 55.8 |
| 79 | 53.8 | 36.2 | 54.2 |



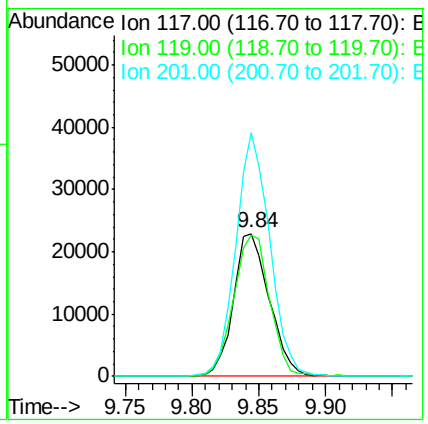


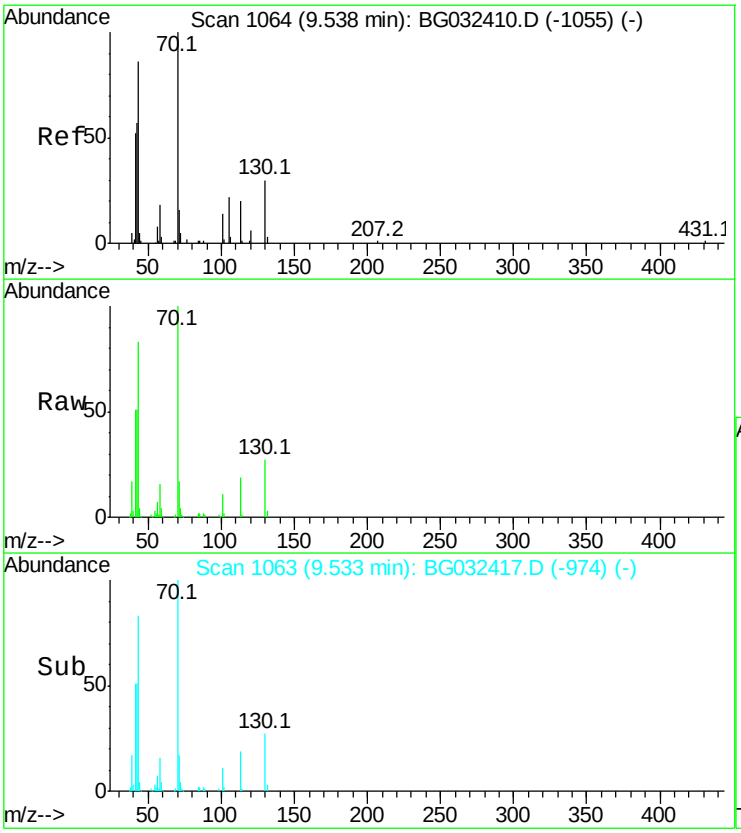

#18
Hexachloroethane
Concen: 53.369 ng
RT: 9.84 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

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

Tgt Ion:117 Resp: 42661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 99.1 | 76.7 | 115.1 |
| 201 | 170.2 | 95.7 | 143.5# |

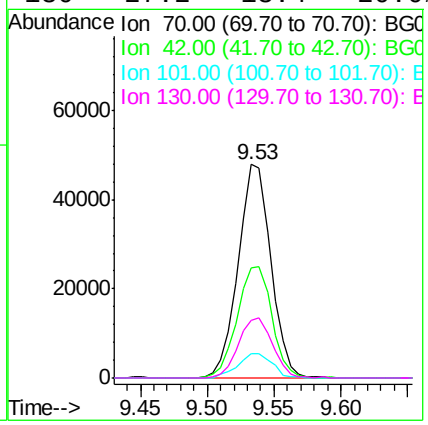


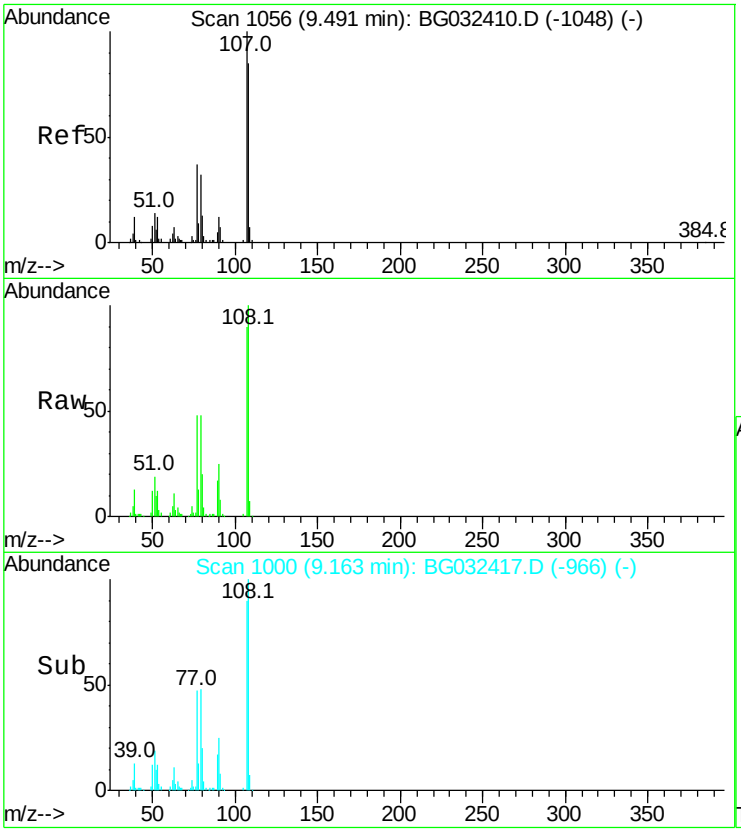




#19
n-Nitroso-di-n-propylamine
Concen: 61.915 ng
RT: 9.53 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

Tgt Ion: 70 Resp: 81402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 51.4 | 49.1 | 73.7 |
| 101 | 11.2 | 8.5 | 12.7 |
| 130 | 27.2 | 13.4 | 20.0# |



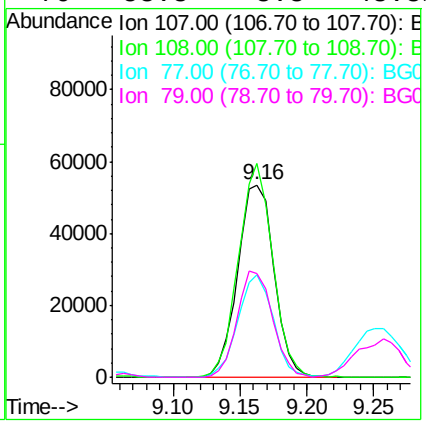


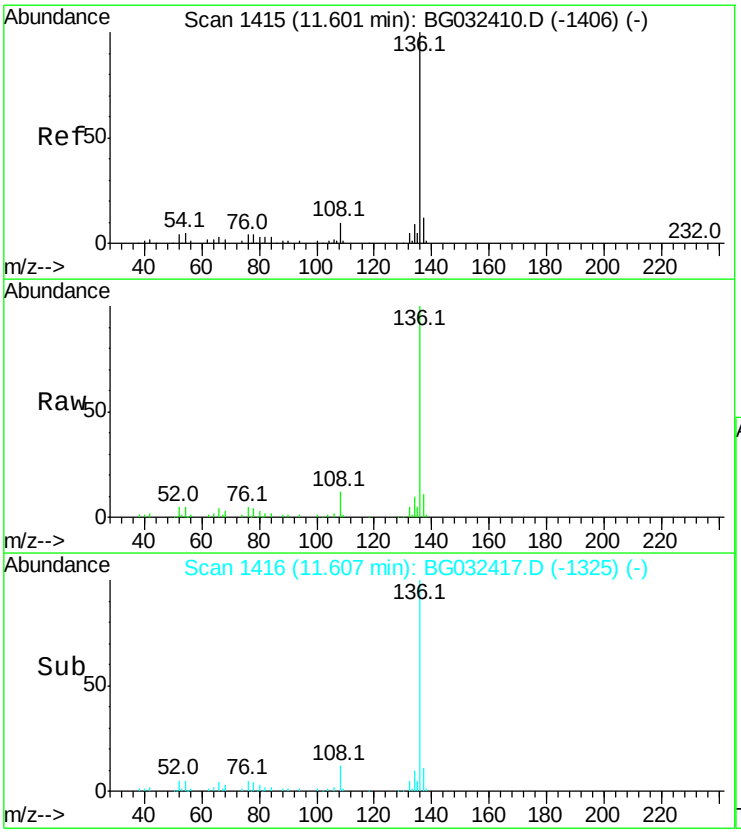

#20
3+4-Methylphenols
Concen: 47.163 ng
RT: 9.16 min Scan# 1000
Delta R.T. -0.33 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

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

Tgt Ion:107 Resp: 101175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 111.1 | 61.6 | 101.6# |
| 77 | 53.1 | 13.9 | 53.9 |
| 79 | 53.8 | 8.8 | 48.8# |

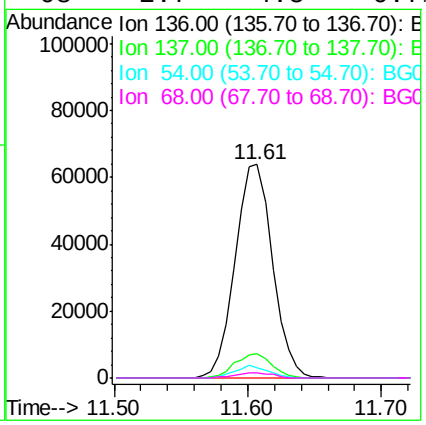


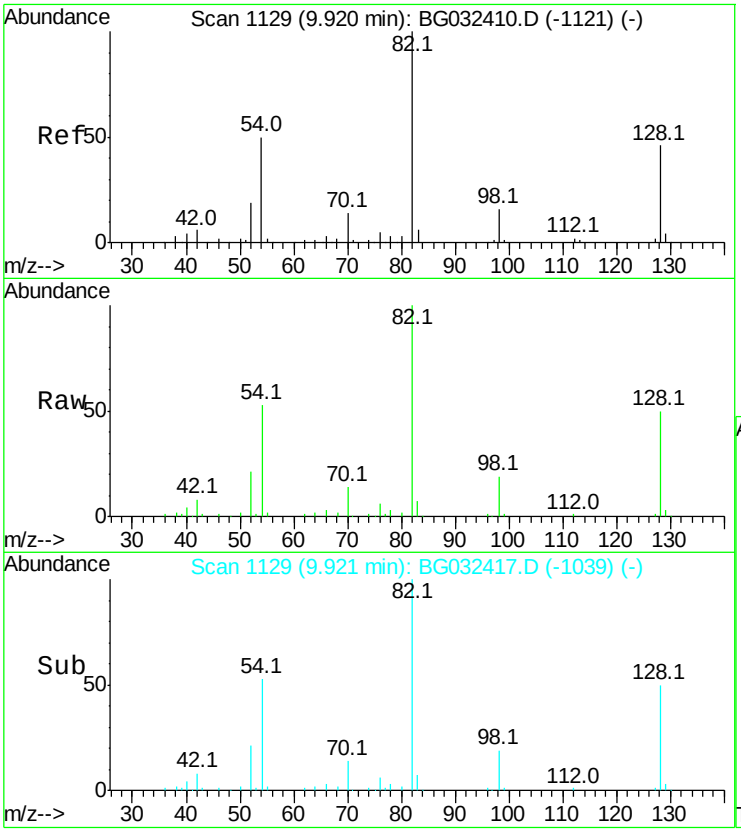




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.61 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

Tgt Ion:136 Resp: 123558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 9.2 | 13.8 |
| 54 | 5.2 | 10.3 | 15.5# |
| 68 | 2.7 | 4.5 | 6.7# |



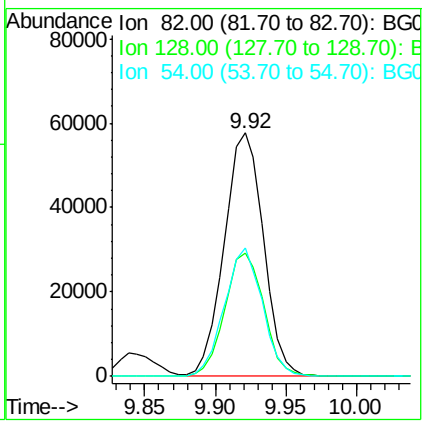


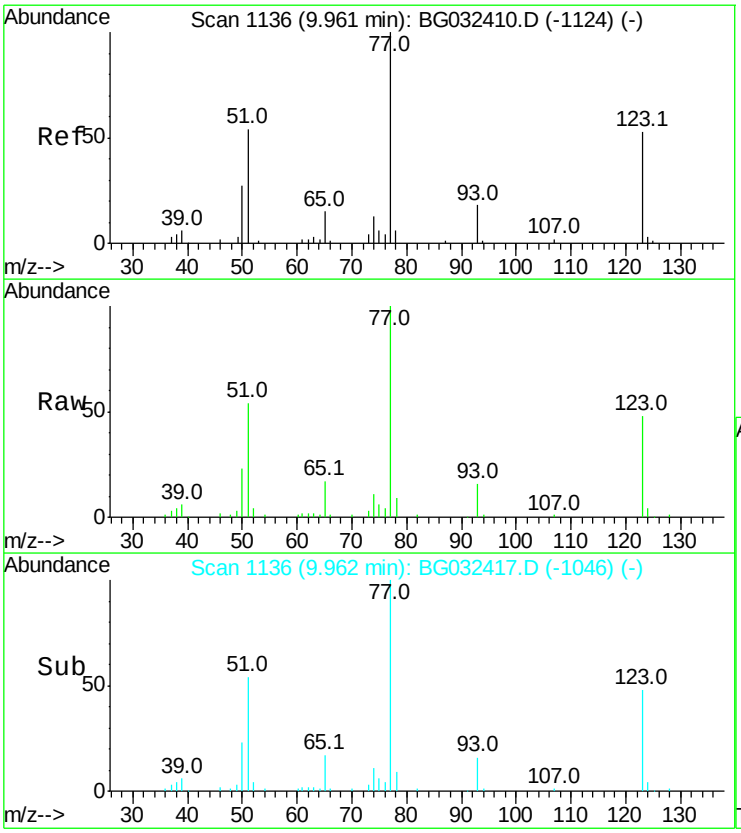

#23
Nitrobenzene-d5
Concen: 56.412 ng
RT: 9.92 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

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

Tgt Ion: 82 Resp: 111593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 50.5 | 29.7 | 44.5# |
| 54 | 52.6 | 43.1 | 64.7 |

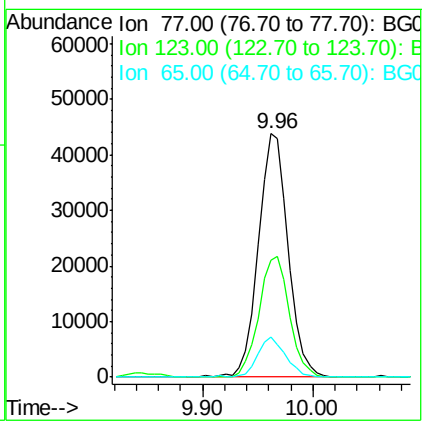


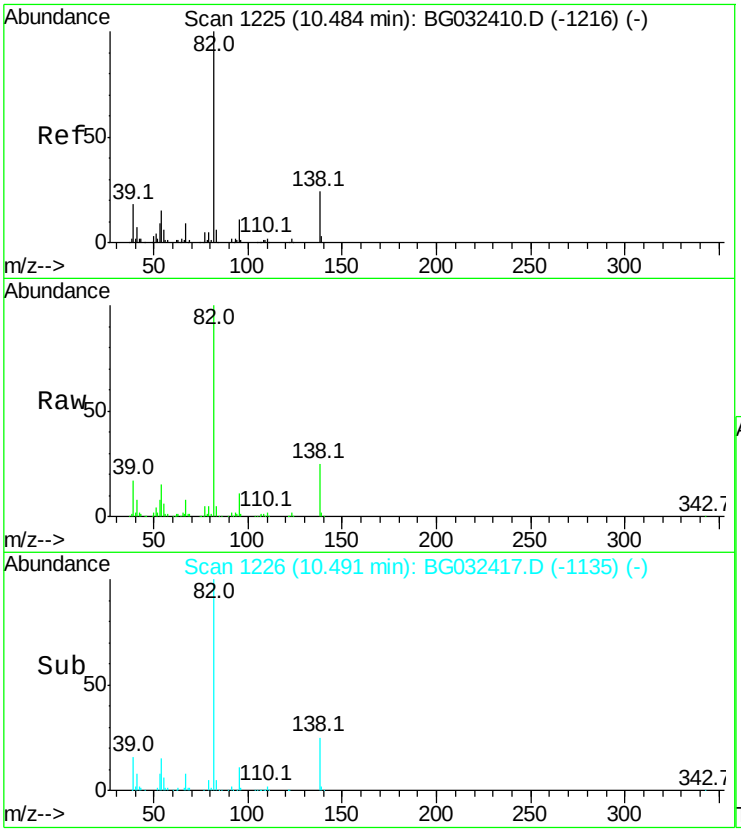




#24
Nitrobenzene
Concen: 43.154 ng
RT: 9.96 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

Tgt Ion: 77 Resp: 82548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 48.2 | 33.0 | 49.6 |
| 65 | 16.6 | 13.0 | 19.6 |



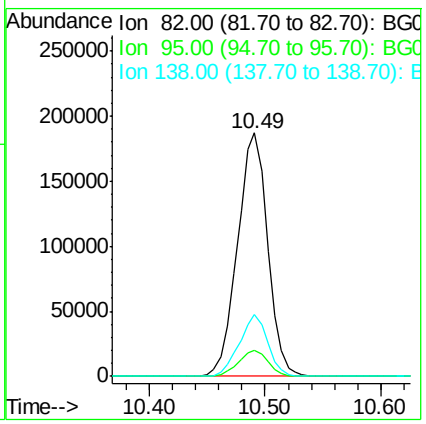


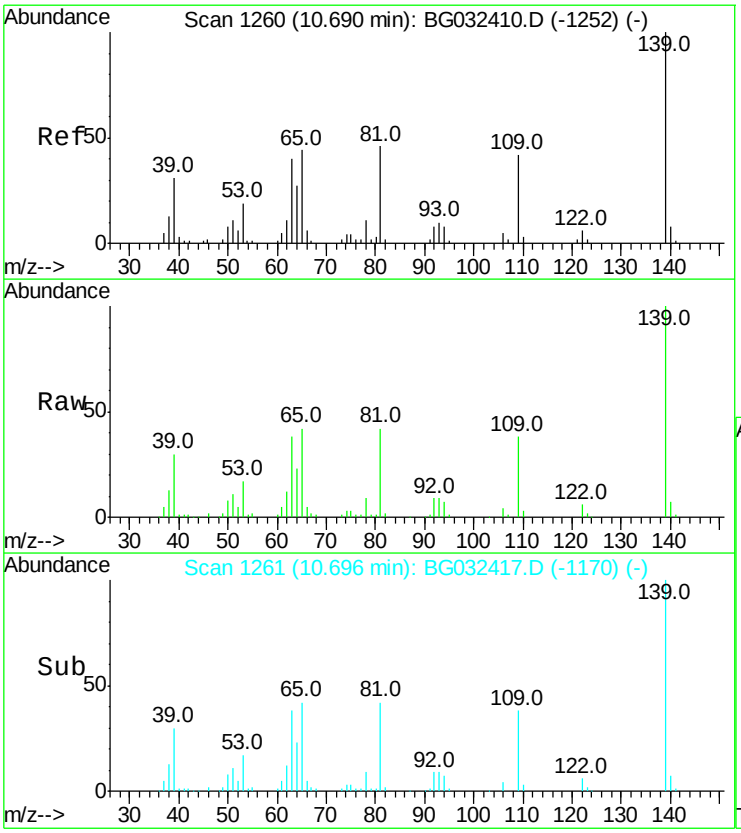

#25
Isophorone
Concen: 100.658 ng
RT: 10.49 min Scan# 1226
Delta R.T. 0.01 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

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

Tgt Ion: 82 Resp: 339047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 10.8 | 6.2 | 9.2# |
| 138 | 25.2 | 12.1 | 18.1# |

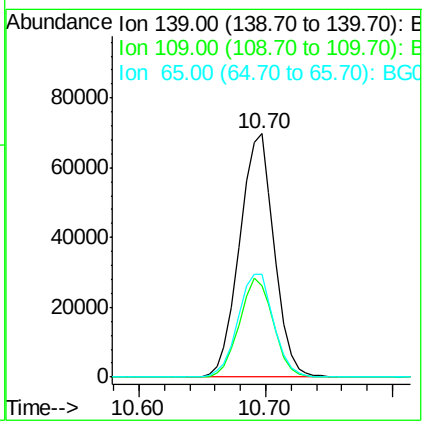


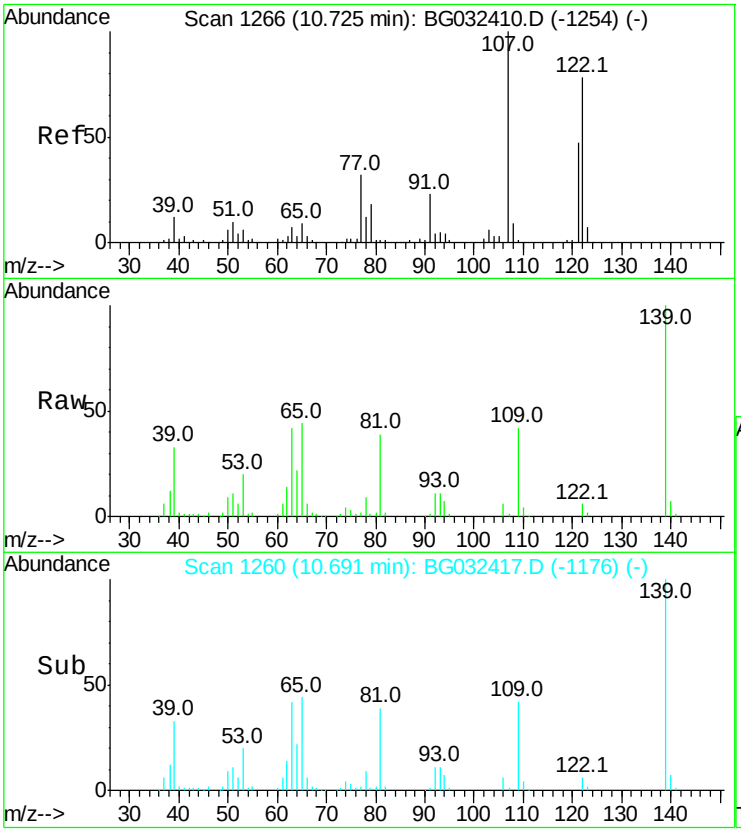




#26
2-Nitrophenol
Concen: 114.004 ng
RT: 10.70 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

Tgt Ion:139 Resp: 131825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 37.6 | 24.2 | 36.2# |
| 65 | 42.3 | 47.4 | 71.0# |



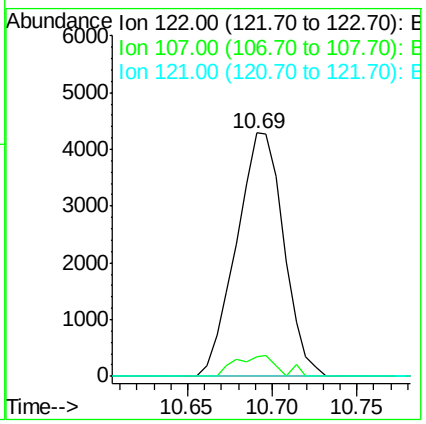


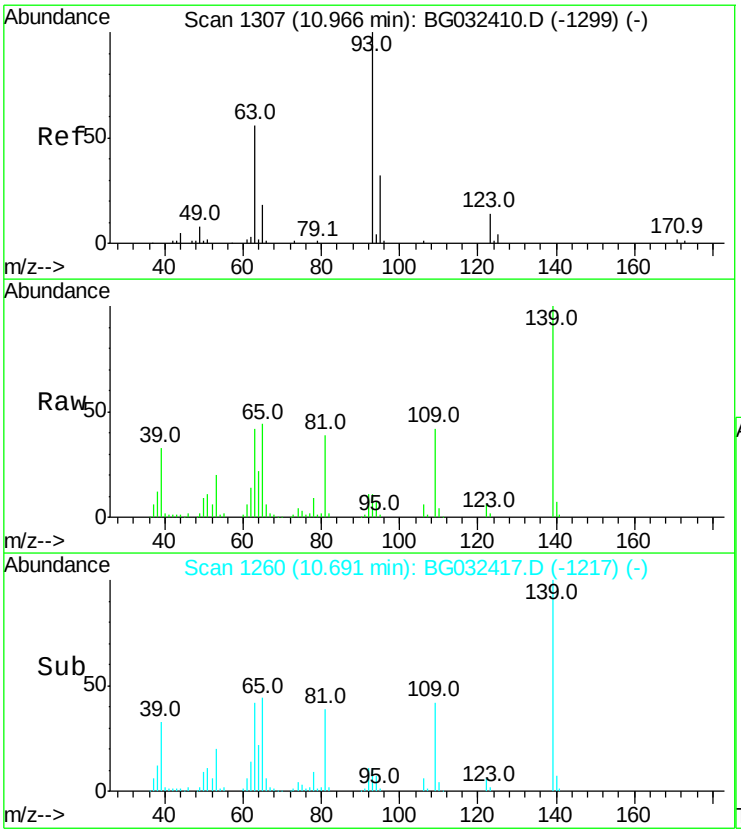

#27
2,4-Dimethylphenol
Concen: 5.032 ng
RT: 10.69 min Scan# 1260
Delta R.T. -0.03 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

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

Tgt Ion:122 Resp: 8352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 8.0 | 100.2 | 150.2# |
| 121 | 0.0 | 44.4 | 66.6# |

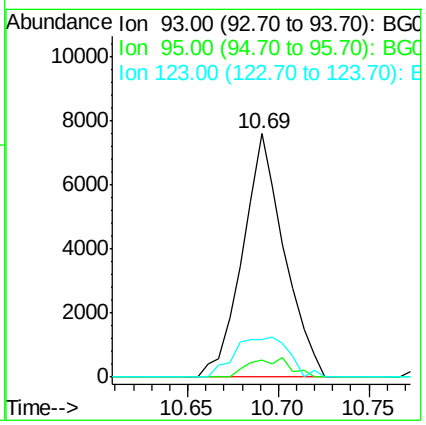


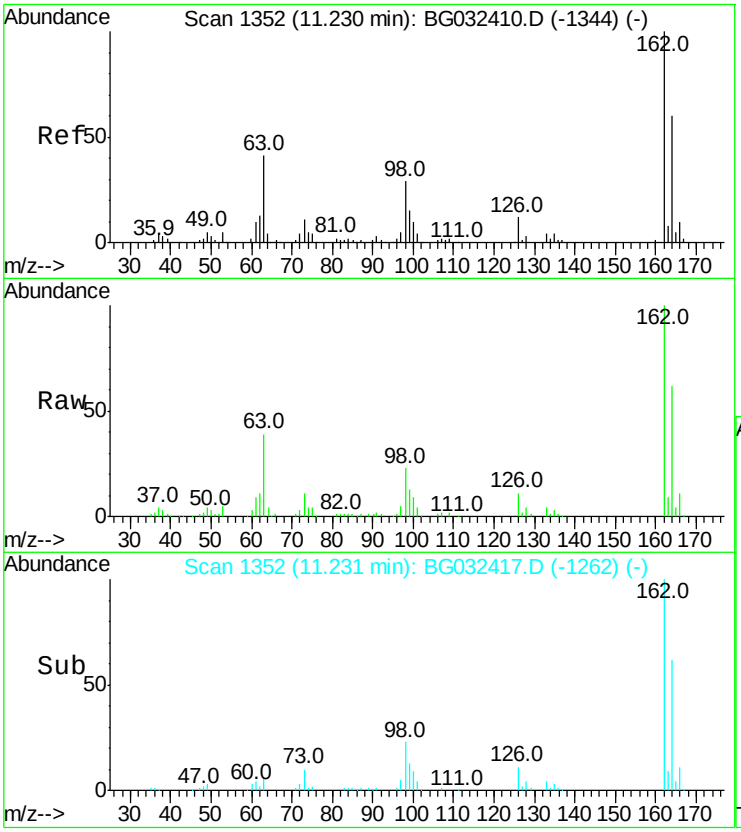




#28
bis(2-Chloroethoxy)methane
Concen: 6.555 ng
RT: 10.69 min Scan# 1260
Delta R.T. -0.28 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

Tgt Ion: 93 Resp: 12108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 6.8 | 24.3 | 36.5# |
| 123 | 15.4 | 8.4 | 12.6# |



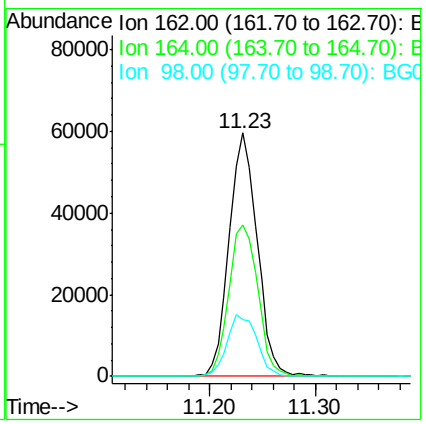


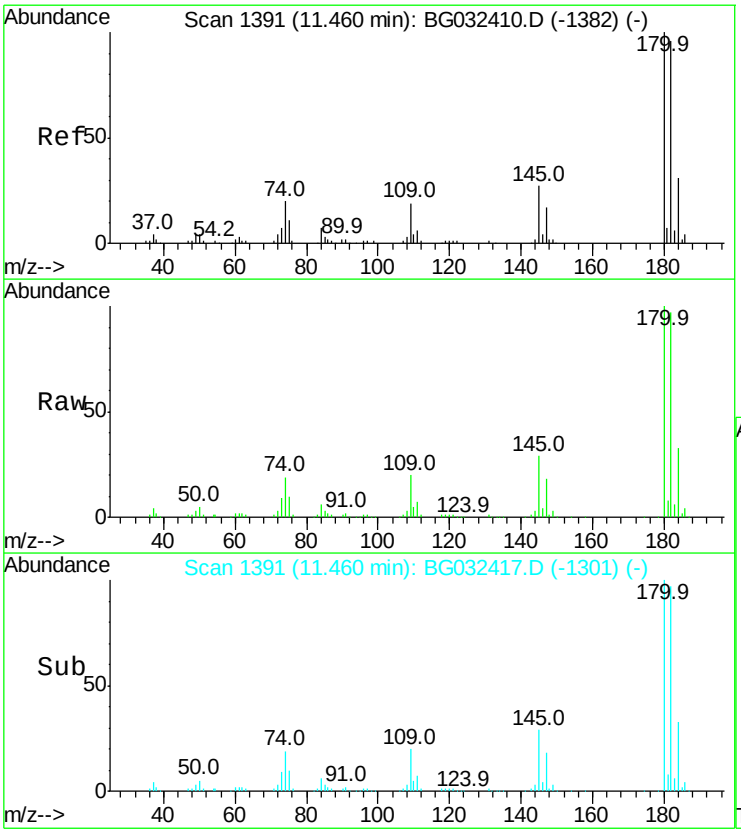

#29
2,4-Dichlorophenol
Concen: 49.690 ng
RT: 11.23 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

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

Tgt Ion:162 Resp: 109249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 62.4 | 48.0 | 88.0 |
| 98 | 23.5 | 21.1 | 61.1 |

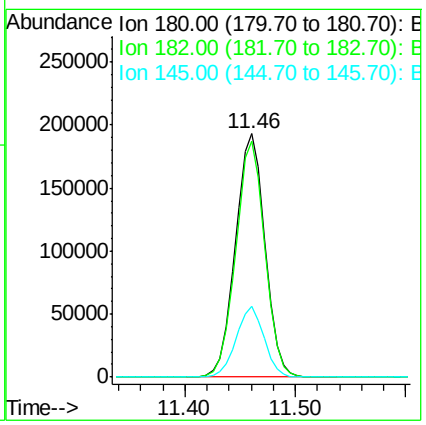


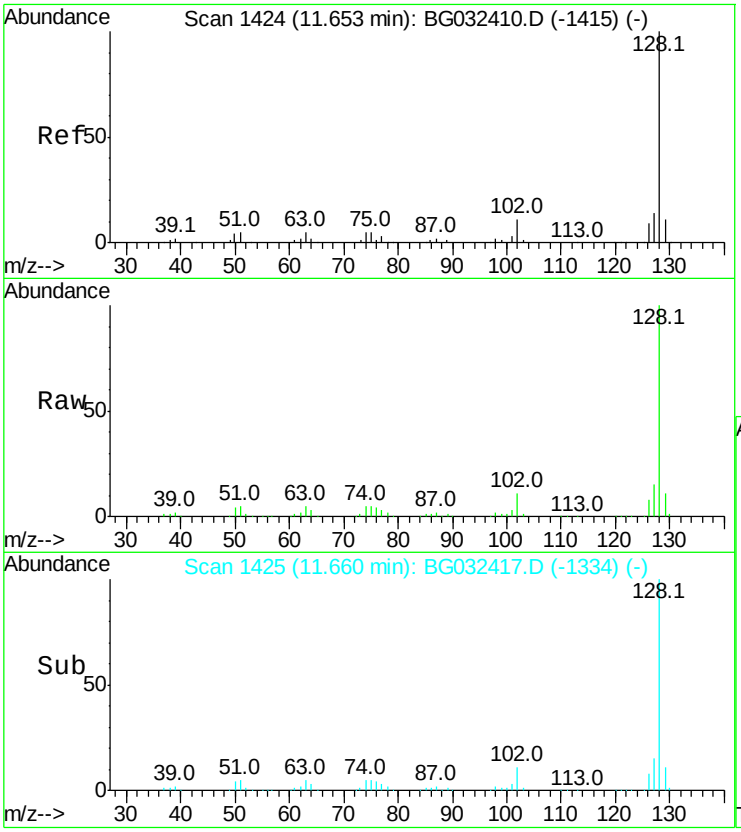




#30
1,2,4-Trichlorobenzene
Concen: 123.507 ng
RT: 11.46 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

Tgt Ion:180 Resp: 361919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.8 | 77.5 | 116.3 |
| 145 | 28.8 | 23.4 | 35.2 |



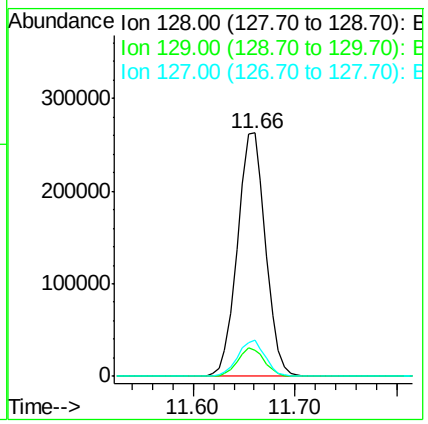


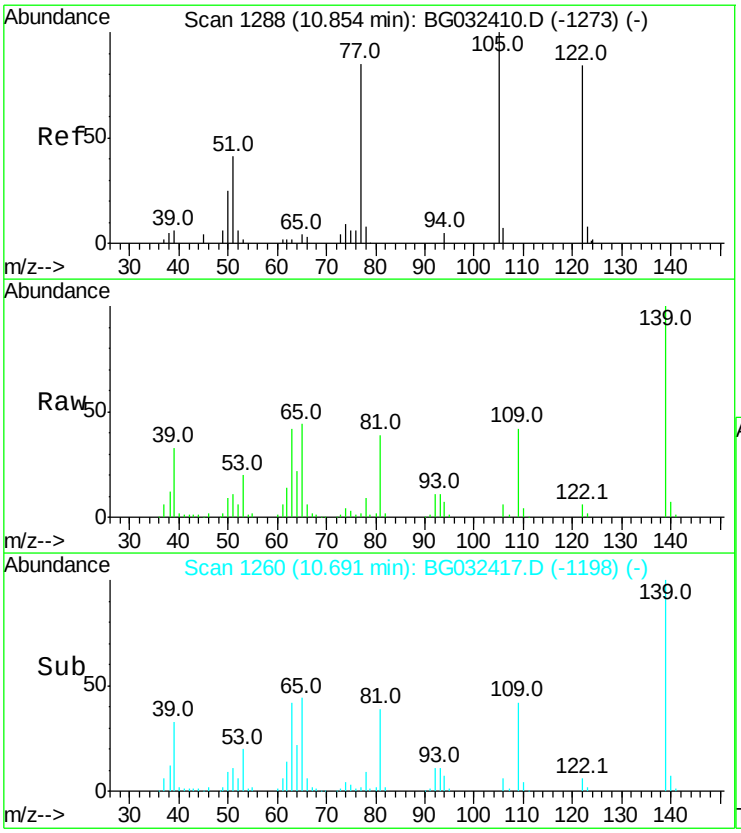

#31
Naphthalene
Concen: 83.444 ng
RT: 11.66 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

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

Tgt Ion:128 Resp: 503556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.9 | 8.6 | 12.8 |
| 127 | 15.1 | 11.6 | 17.4 |

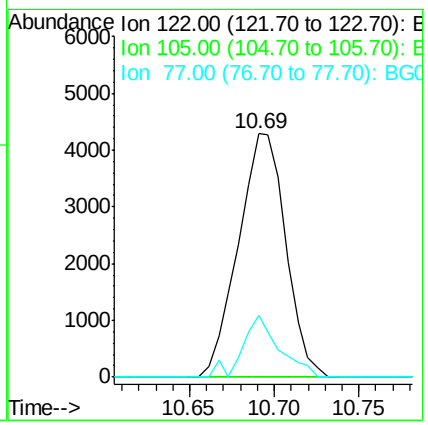


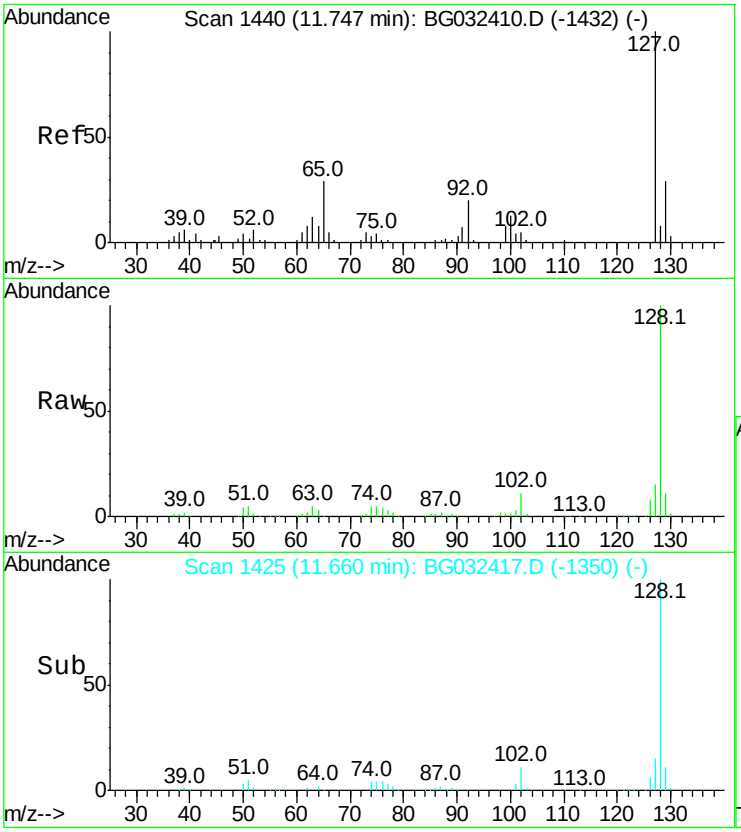




#32
Benzoic acid
Concen: 13.006 ng
RT: 10.69 min Scan# 1260
Delta R.T. -0.16 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

Tgt Ion:122 Resp: 8352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 0.0 | 123.5 | 163.5# |
| 77 | 25.4 | 85.7 | 125.7# |



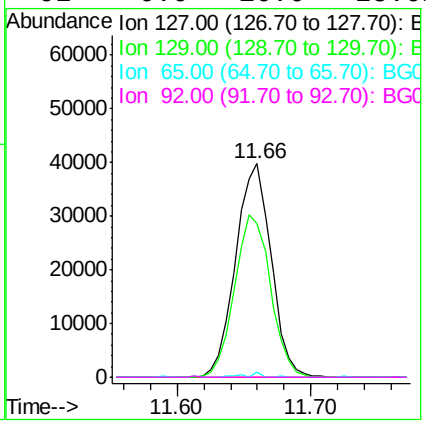


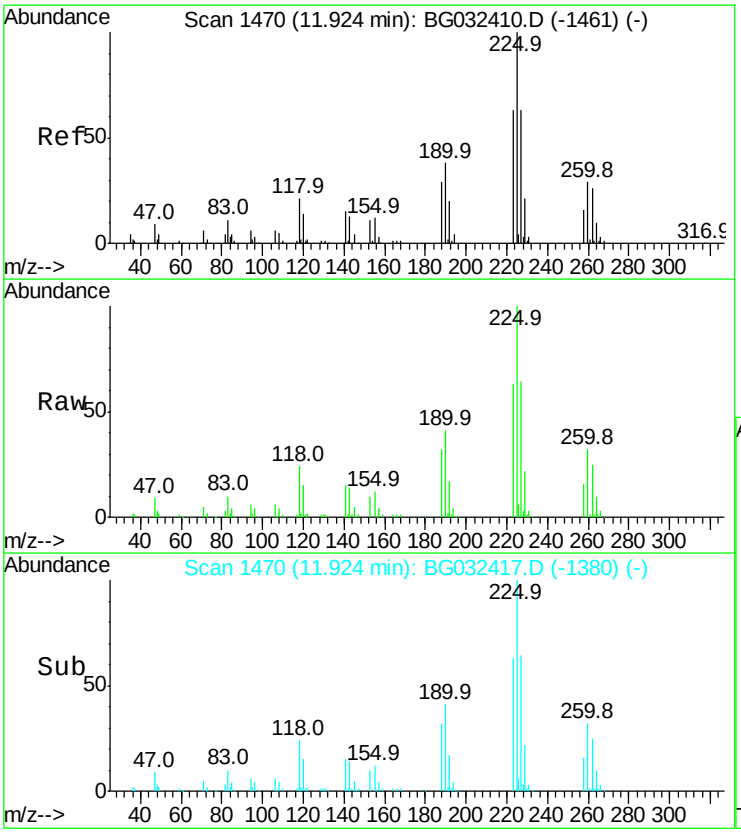

#33
4-Chloroaniline
Concen: 27.137 ng
RT: 11.66 min Scan# 1425
Delta R.T. -0.09 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

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

Tgt Ion:127 Resp: 73040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 72.1 | 24.0 | 36.0# |
| 65 | 2.2 | 27.0 | 40.4# |
| 92 | 0.0 | 16.6 | 25.0# |

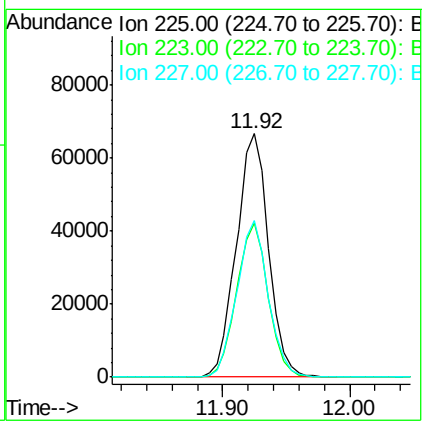


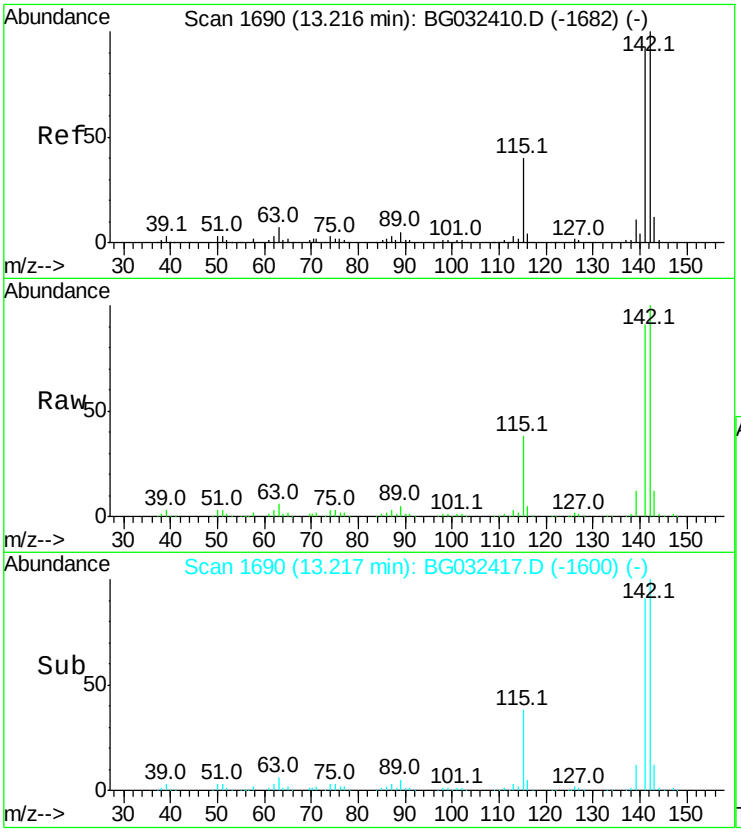




#34
Hexachlorobutadiene
Concen: 51.450 ng
RT: 11.92 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

Tgt Ion:225 Resp: 117301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.1 | 49.7 | 74.5 |
| 227 | 64.3 | 48.1 | 72.1 |



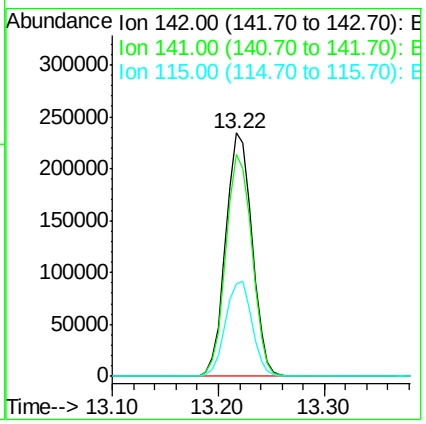


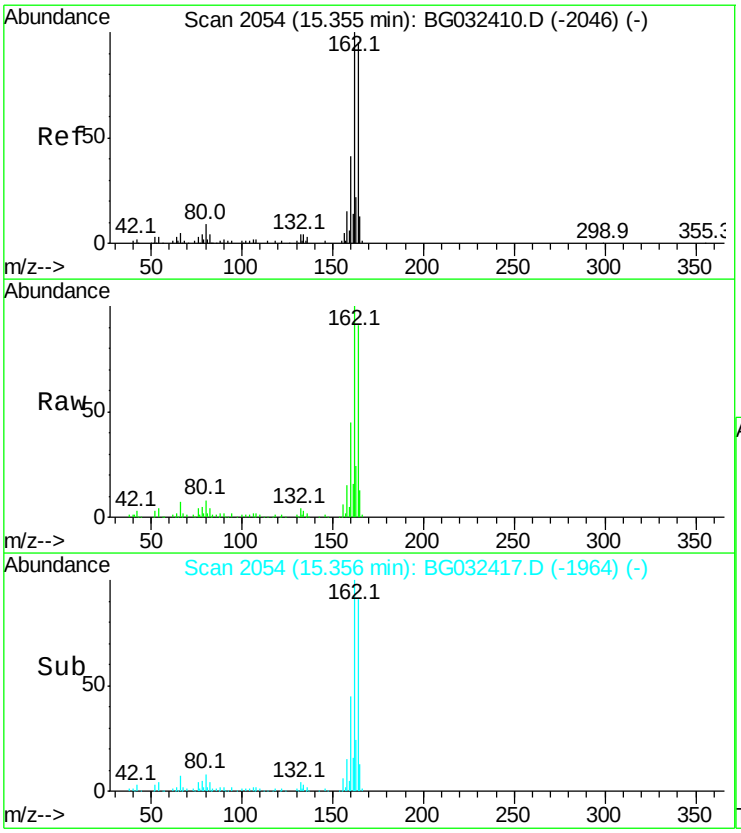

#37
2-Methylnaphthalene
Concen: 79.570 ng
RT: 13.22 min Scan# 1690
Delta R.T. 0.00 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

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

Tgt Ion:142 Resp: 403407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.1 | 67.1 | 100.7 |
| 115 | 37.9 | 30.7 | 46.1 |

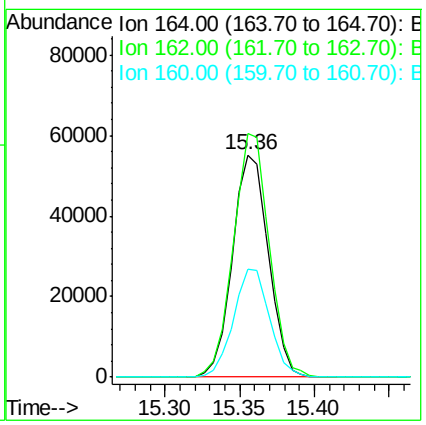


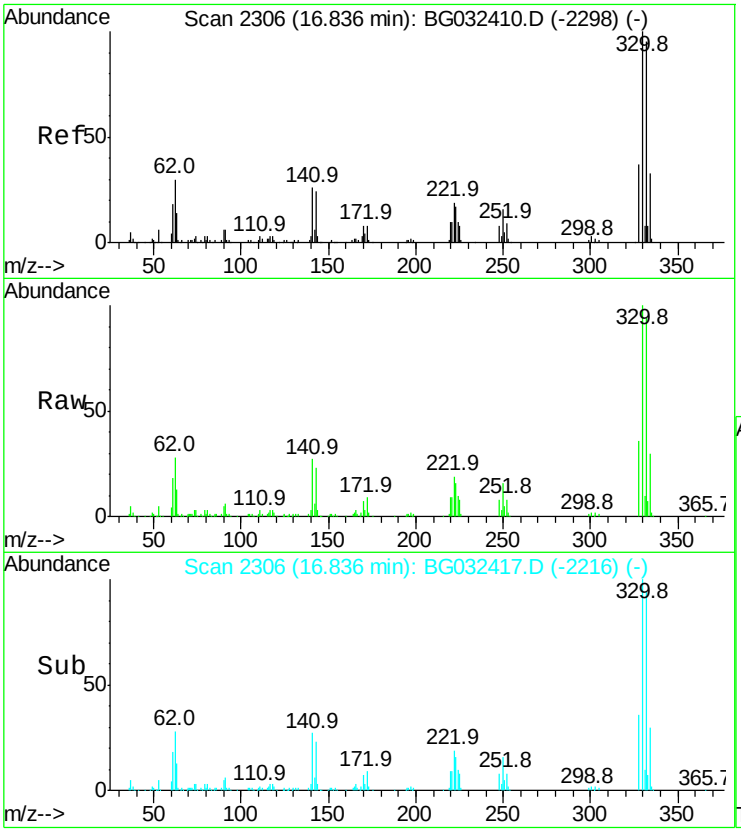




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

Tgt Ion:164 Resp: 92319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 109.5 | 78.8 | 118.2 |
| 160 | 48.7 | 35.4 | 53.0 |



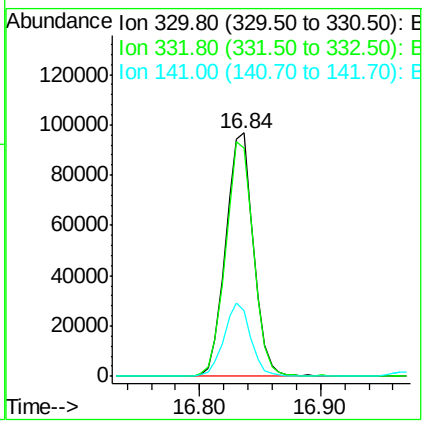


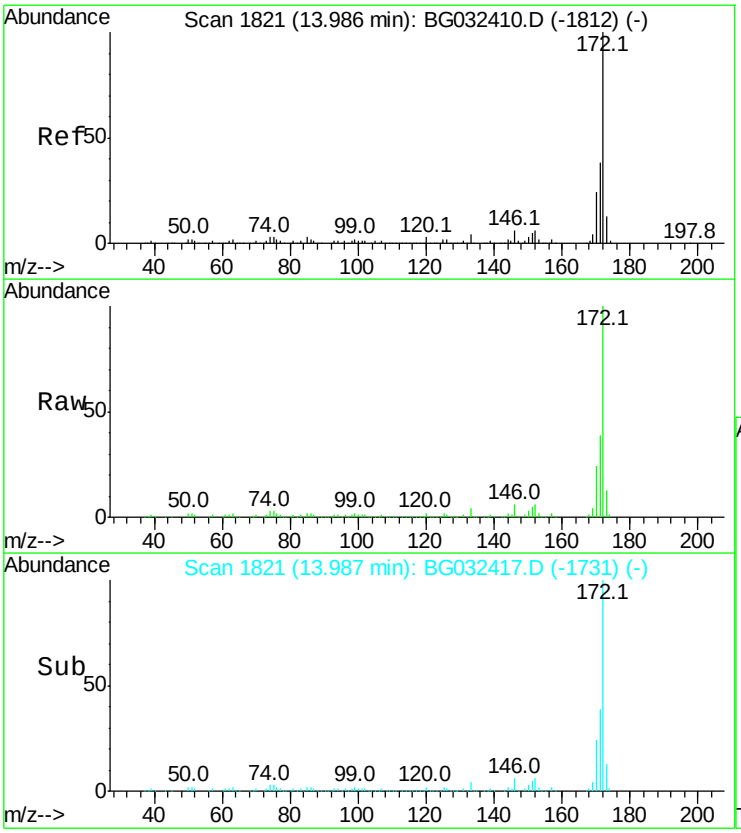

#41
2,4,6-Tribromophenol
Concen: 87.714 ng
RT: 16.84 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

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

Tgt Ion:330 Resp: 154140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.5 | 77.0 | 115.6 |
| 141 | 29.0 | 25.2 | 37.8 |

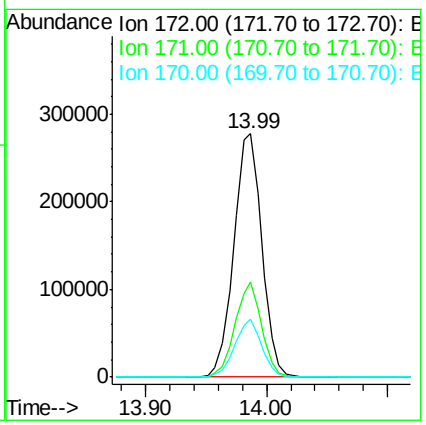


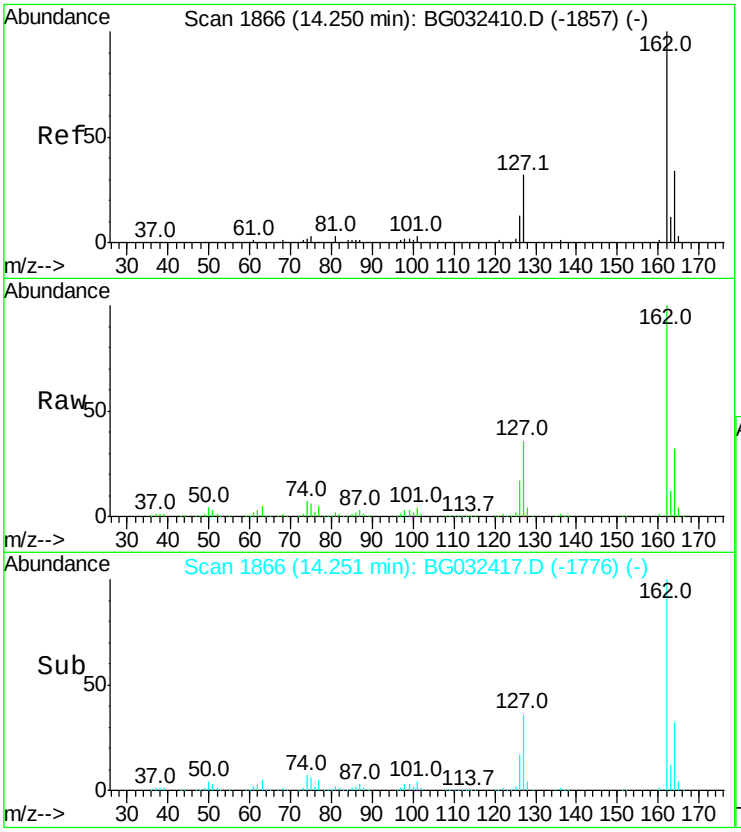




#44
2-Fluorobiphenyl
Concen: 57.608 ng
RT: 13.99 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

Tgt Ion:172 Resp: 447455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 39.0 | 30.0 | 45.0 |
| 170 | 24.0 | 19.5 | 29.3 |



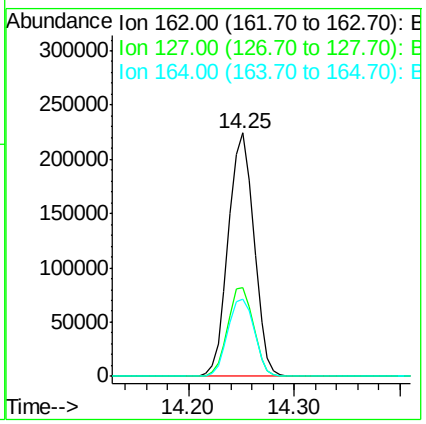


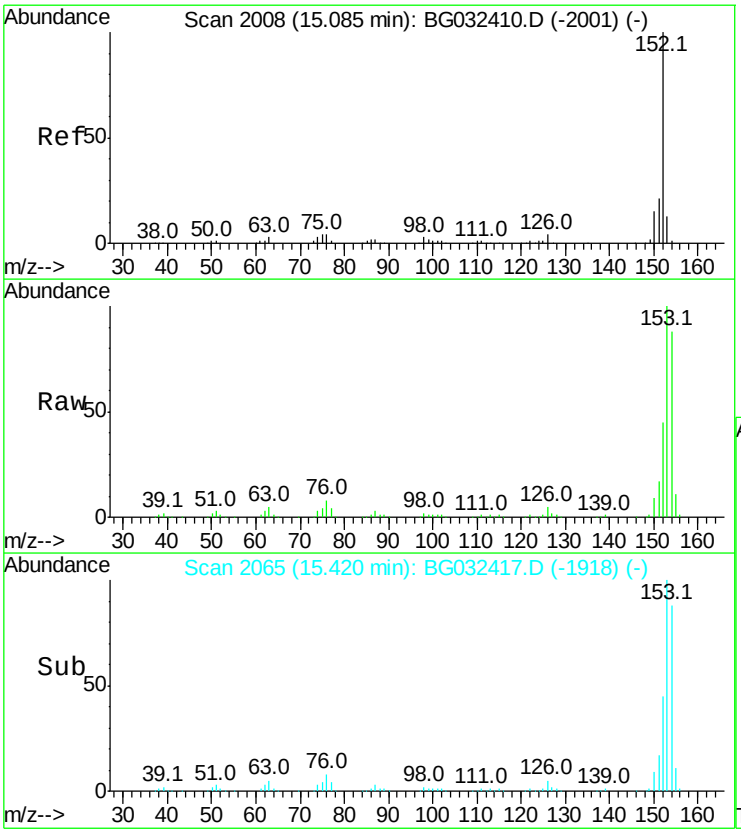

#46
2-Chloronaphthalene
Concen: 61.558 ng
RT: 14.25 min Scan# 1866
Delta R.T. 0.00 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

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

Tgt Ion:162 Resp: 376315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 36.2 | 30.7 | 46.1 |
| 164 | 31.7 | 26.0 | 39.0 |

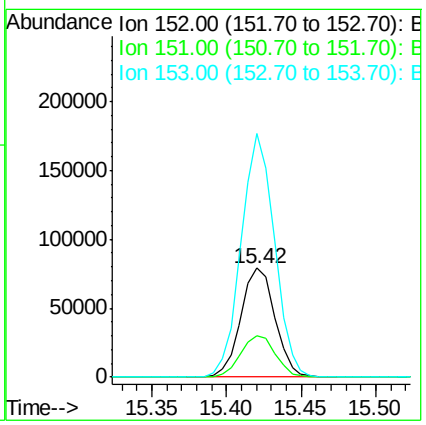


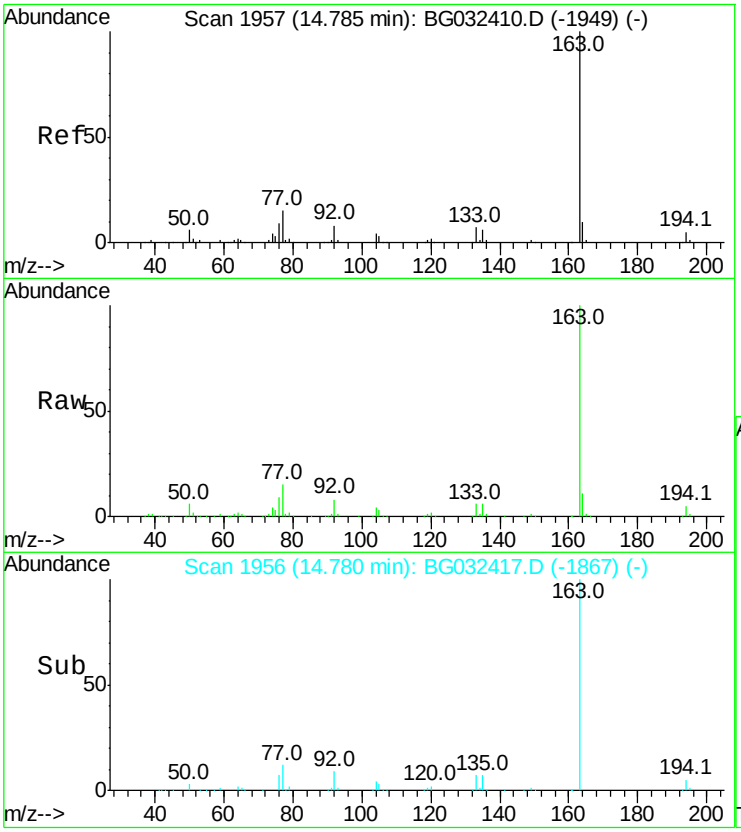




#48
Acenaphthylene
Concen: 13.499 ng
RT: 15.42 min Scan# 2065
Delta R.T. 0.34 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

Tgt Ion:152 Resp: 124749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 38.0 | 17.2 | 25.8# |
| 153 | 223.2 | 10.2 | 15.4# |



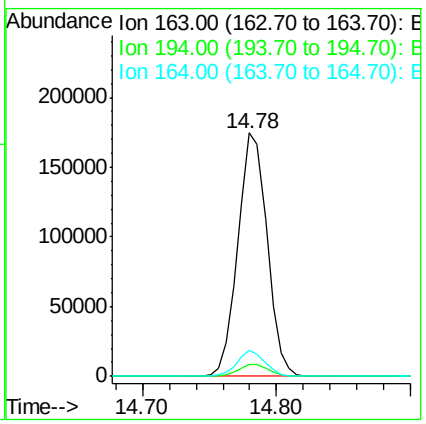


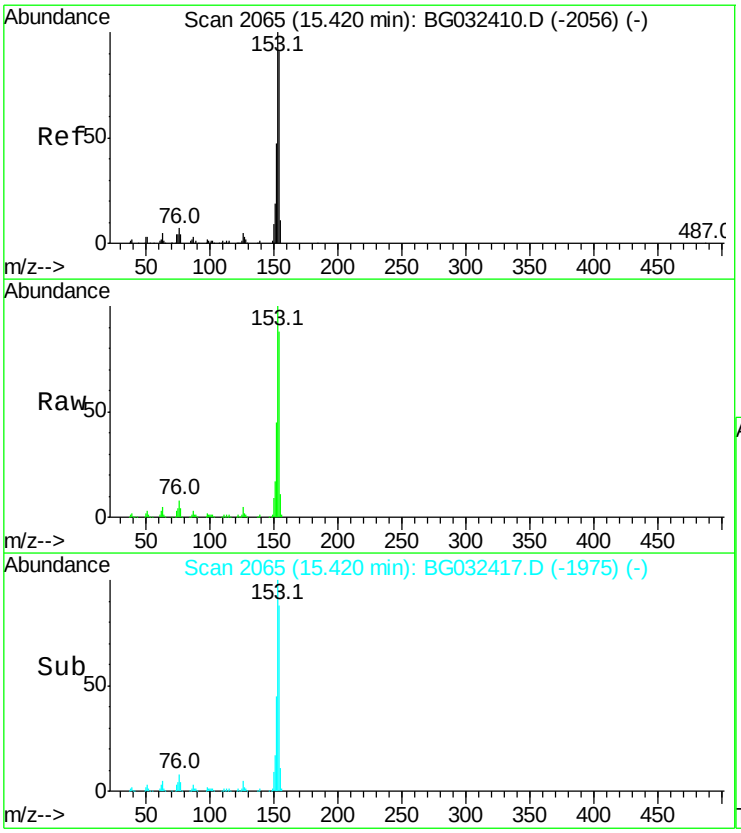

#49
Dimethylphthalate
Concen: 30.982 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

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

Tgt Ion:163 Resp: 263730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.7 | 3.4 | 5.2 |
| 164 | 10.6 | 8.2 | 12.4 |

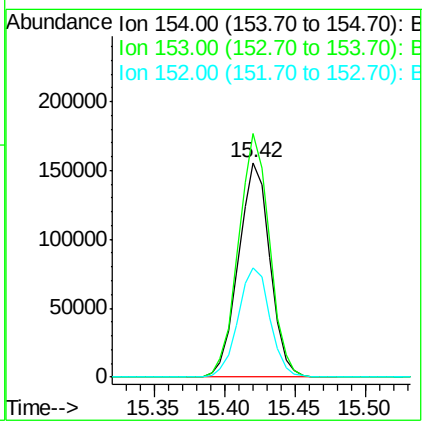


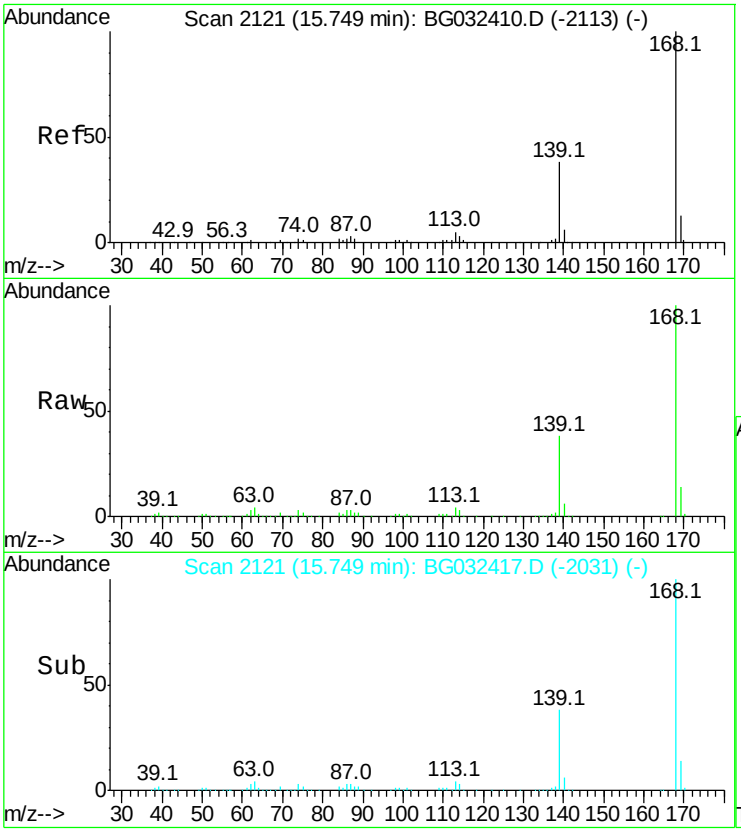




#51
Acenaphthene
Concen: 37.943 ng
RT: 15.42 min Scan# 2065
Delta R.T. 0.00 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

Tgt Ion:154 Resp: 243184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.4 | 90.4 | 135.6 |
| 152 | 50.8 | 41.6 | 62.4 |



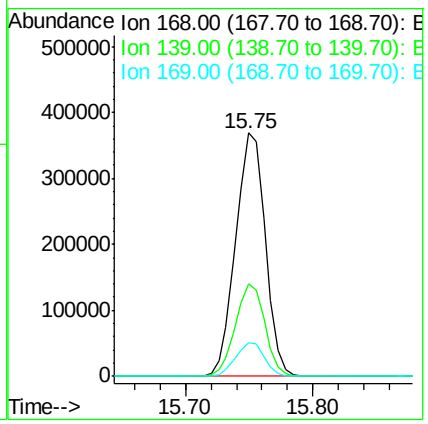


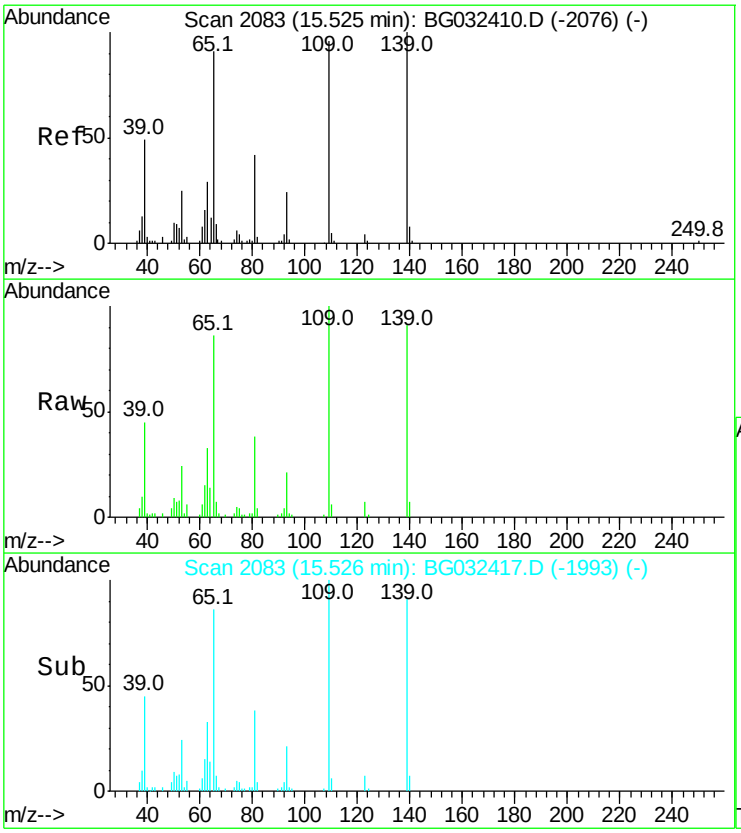

#54
Dibenzofuran
Concen: 63.116 ng
RT: 15.75 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

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

Tgt Ion:168 Resp: 598747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 38.2 | 28.6 | 43.0 |
| 169 | 14.0 | 11.2 | 16.8 |

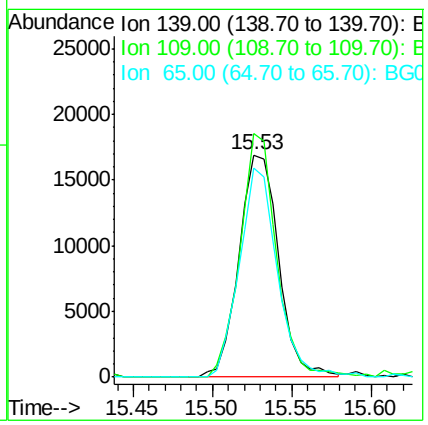


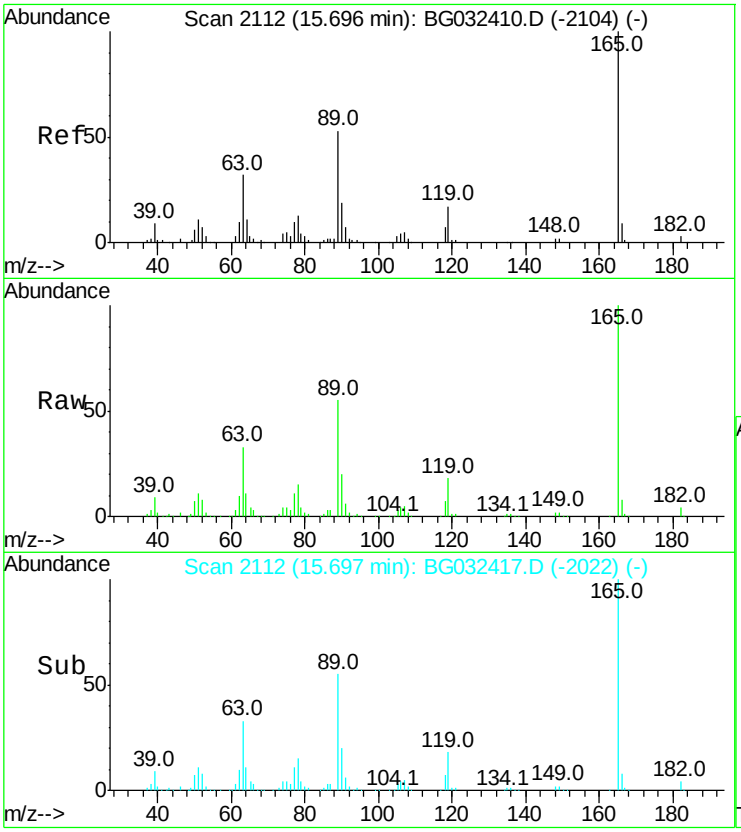




#55
4-Nitrophenol
Concen: 25.158 ng
RT: 15.53 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

Tgt Ion:139 Resp: 29392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 109.7 | 62.2 | 102.2# |
| 65 | 94.0 | 97.2 | 137.2# |



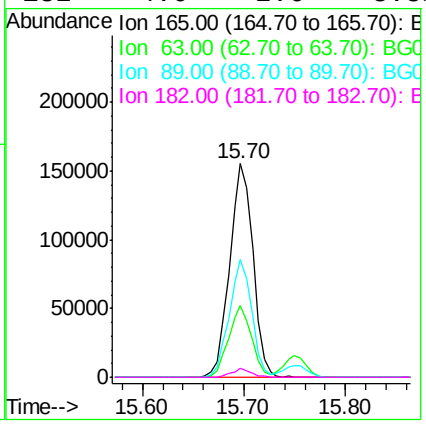


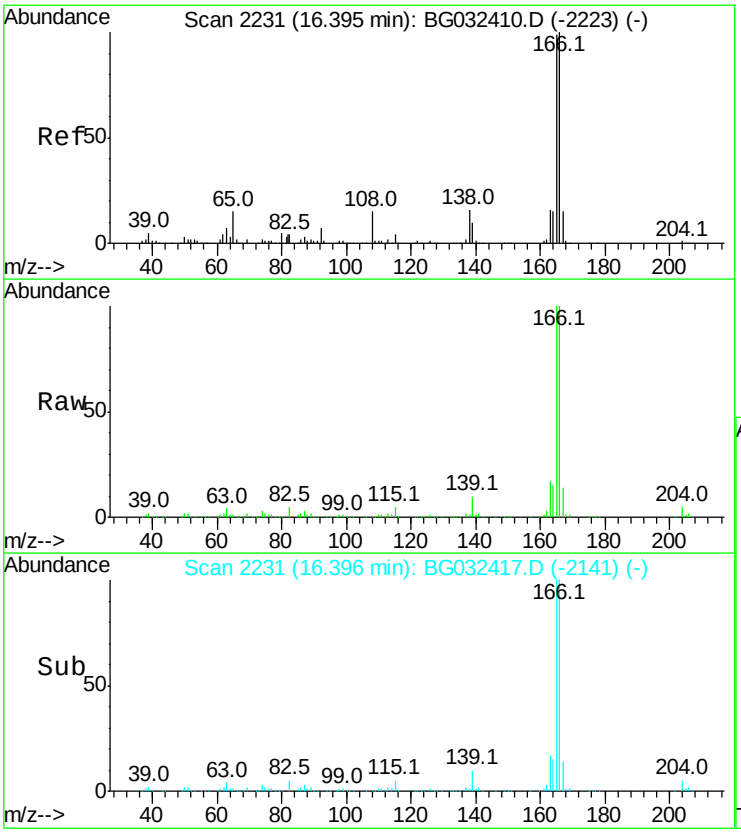

#56
2,4-Dinitrotoluene
Concen: 96.875 ng
RT: 15.70 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

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

Tgt Ion:165 Resp: 246431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 33.3 | 42.0 | 63.0# |
| 89 | 55.2 | 66.9 | 100.3# |
| 182 | 4.0 | 2.6 | 3.8# |

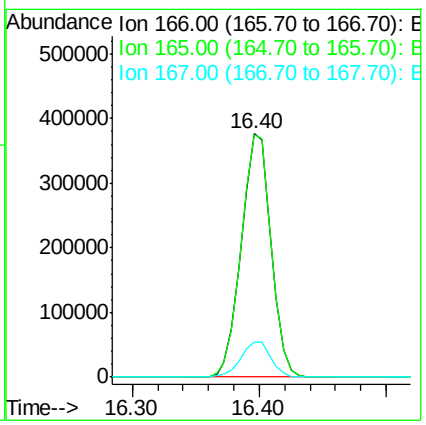


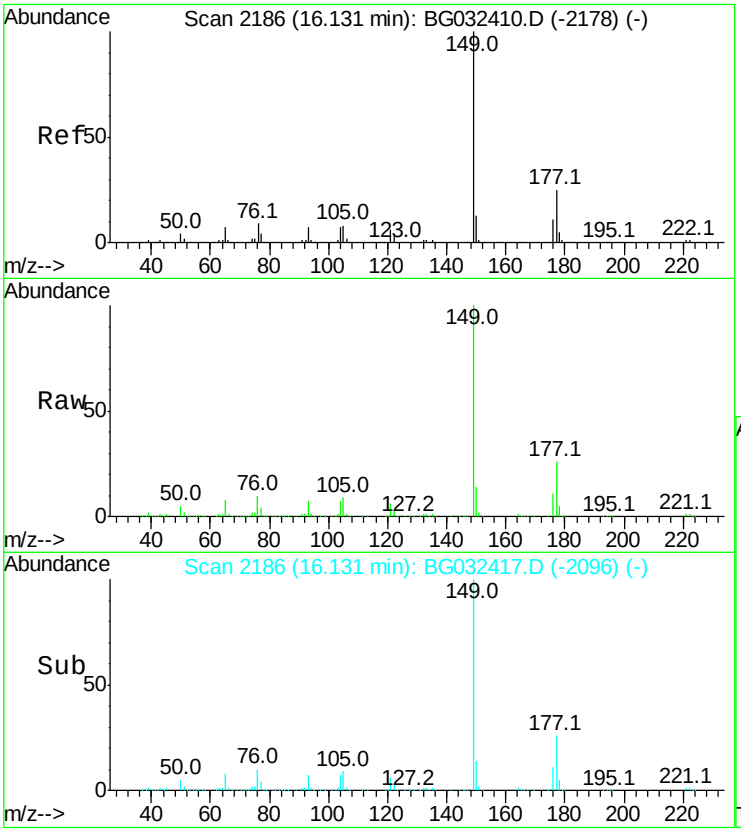




#57
Fluorene
Concen: 77.749 ng
RT: 16.40 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

Tgt Ion:166 Resp: 612888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.7 | 80.6 | 121.0 |
| 167 | 14.2 | 10.4 | 15.6 |



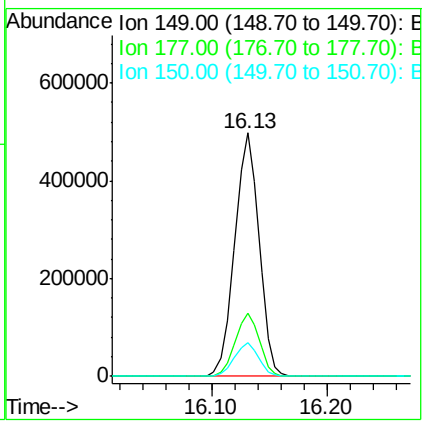


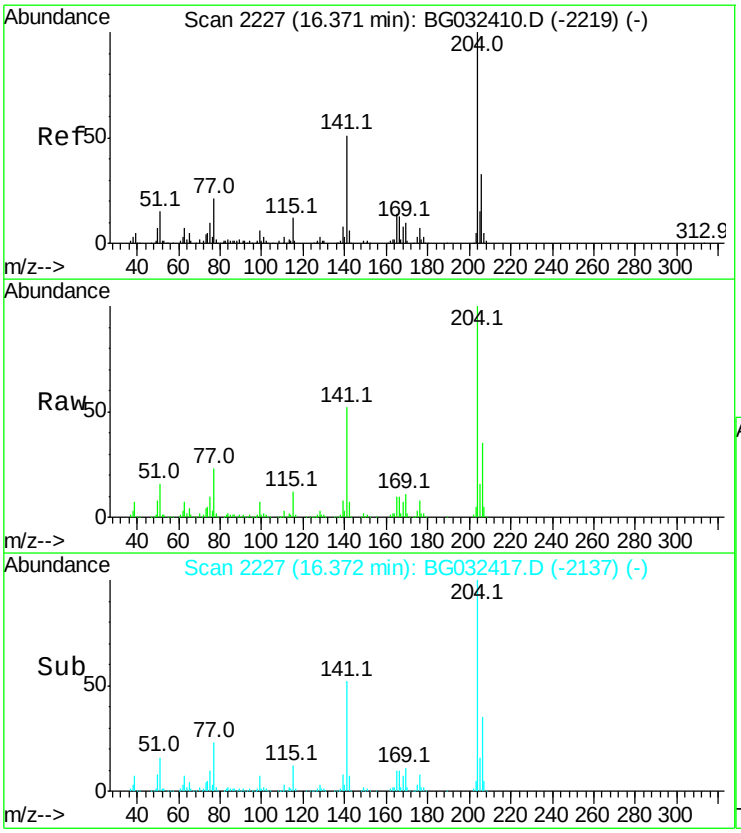

#59
Diethylphthalate
Concen: 87.428 ng
RT: 16.13 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

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

Tgt Ion:149 Resp: 724821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 26.2 | 18.5 | 27.7 |
| 150 | 13.7 | 10.2 | 15.2 |

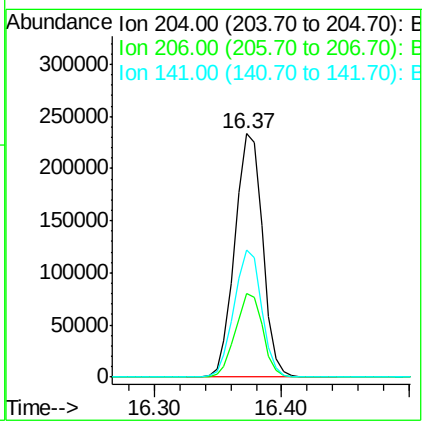


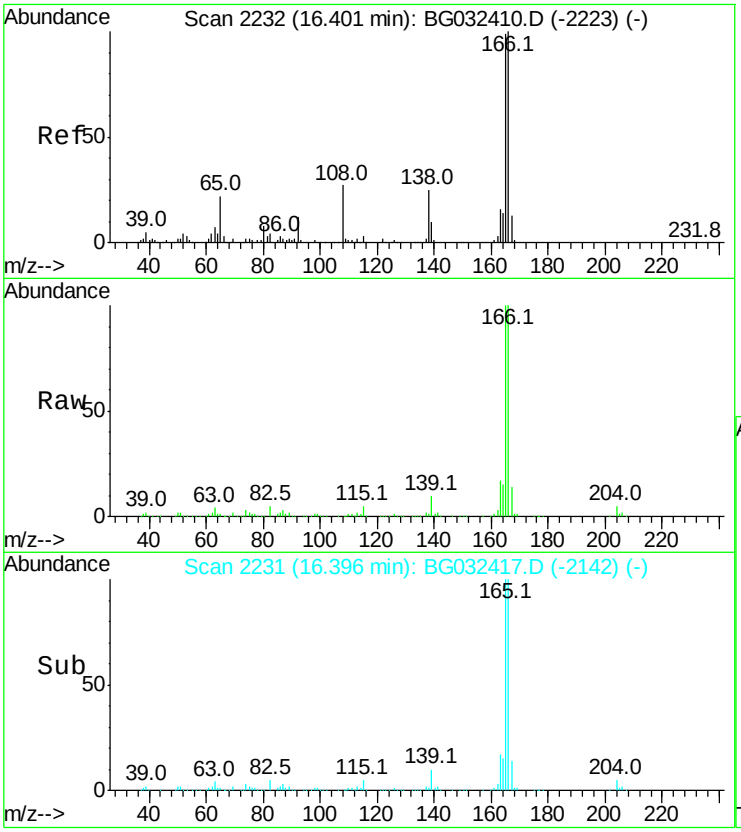




#60
4-Chlorophenyl-phenylether
Concen: 70.785 ng
RT: 16.37 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

Tgt Ion:204 Resp: 351862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 34.5 | 26.2 | 39.2 |
| 141 | 52.2 | 45.8 | 68.6 |



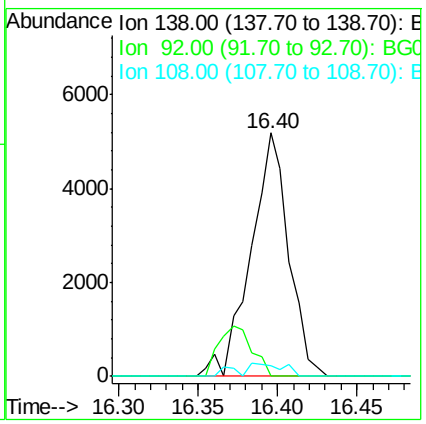


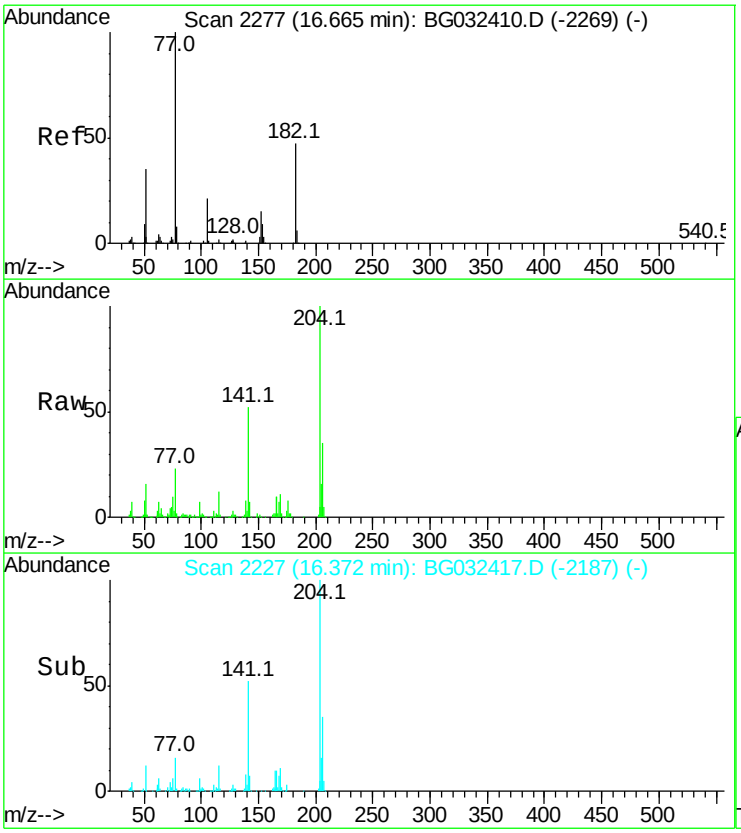

#61
4-Nitroaniline
Concen: 5.142 ng
RT: 16.40 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

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

Tgt Ion:138 Resp: 8600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 0.0 | 40.1 | 80.1# |
| 108 | 4.5 | 65.4 | 105.4# |

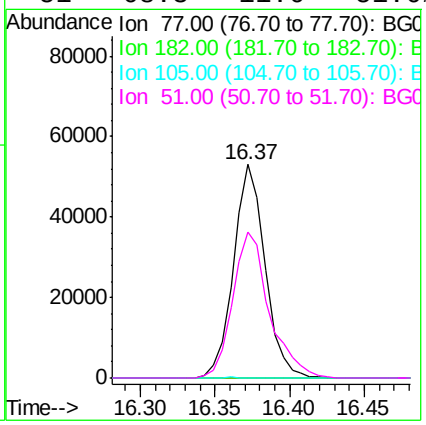


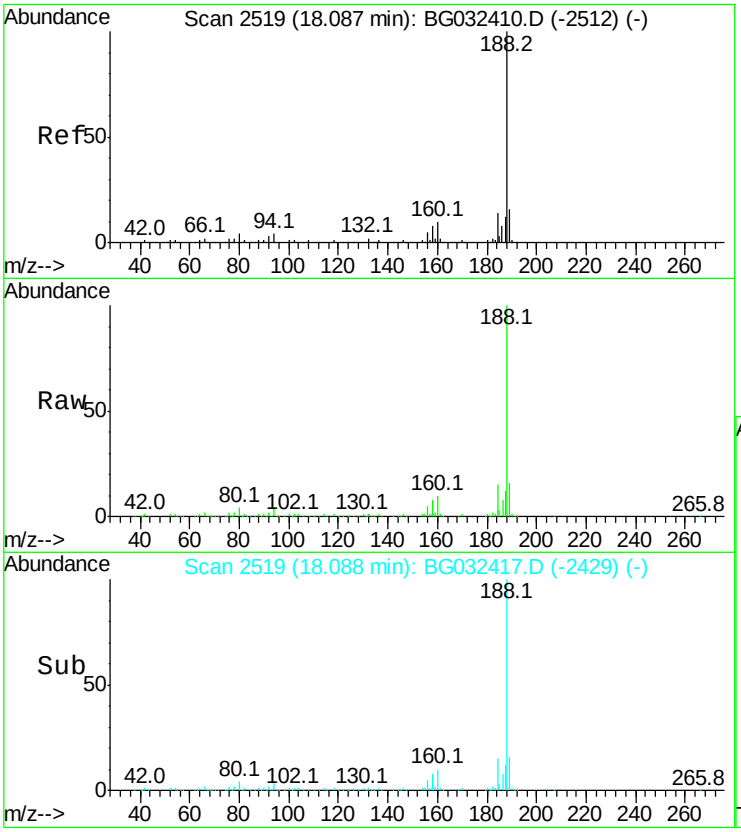




#62
Azobenzene
Concen: 15.725 ng
RT: 16.37 min Scan# 2227
Delta R.T. -0.29 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

Tgt Ion: 77 Resp: 77910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 0.0 | 7.4 | 47.4# |
| 105 | 0.0 | 0.3 | 40.3# |
| 51 | 68.3 | 11.6 | 51.6# |



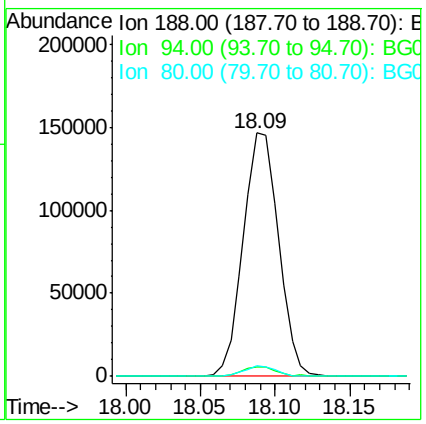


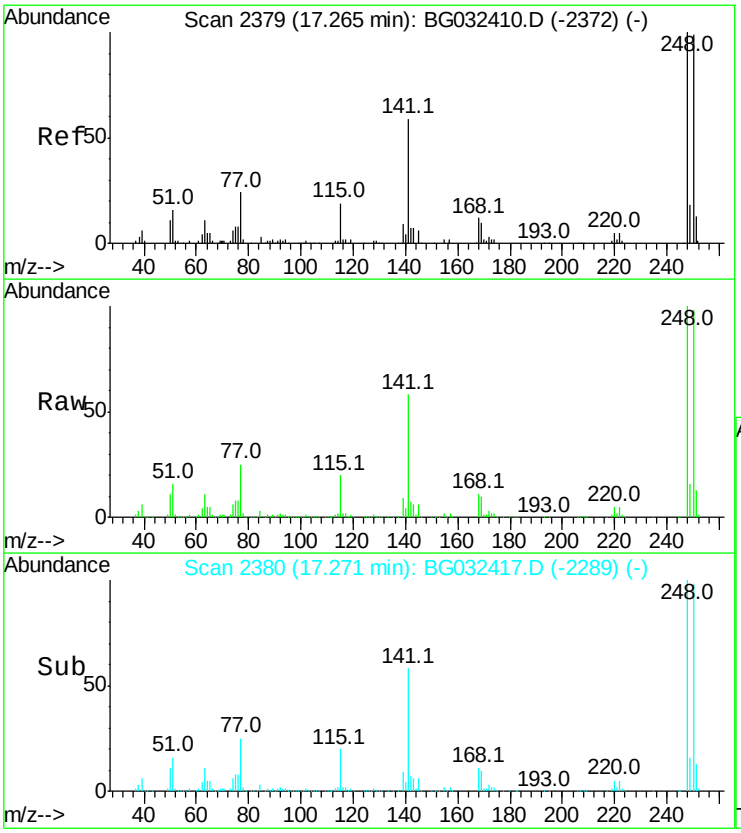

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. 0.00 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

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

Tgt Ion:188 Resp: 239792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 3.9 | 6.9 | 10.3# |
| 80 | 4.1 | 7.7 | 11.5# |

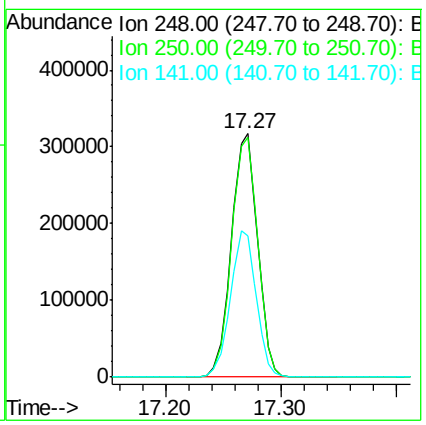


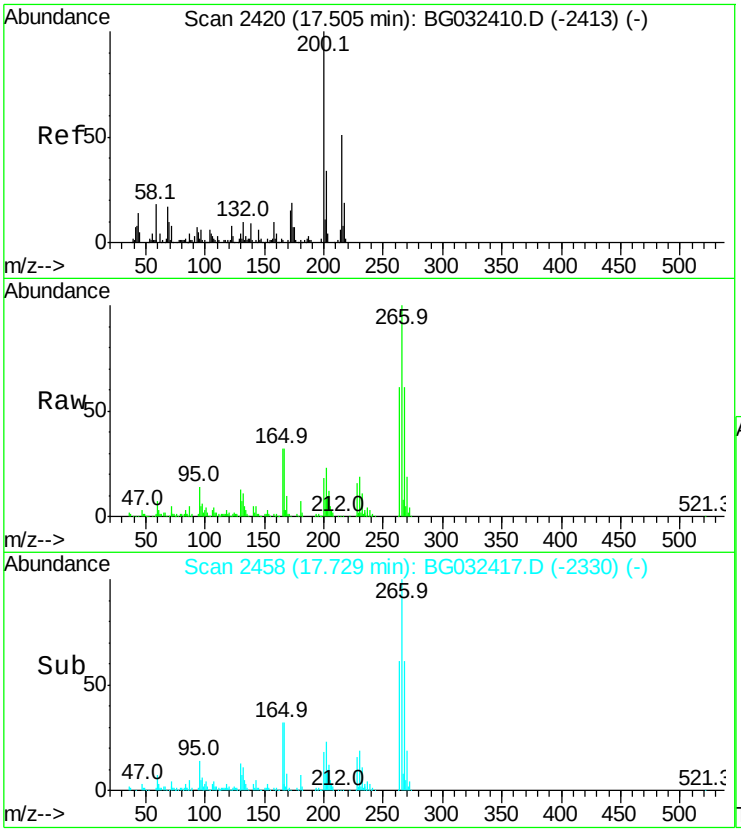




#66
4-Bromophenyl-phenylether
Concen: 139.877 ng
RT: 17.27 min Scan# 2380
Delta R.T. 0.01 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

Tgt Ion:248 Resp: 496911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.3 | 77.1 | 115.7 |
| 141 | 58.1 | 50.8 | 76.2 |



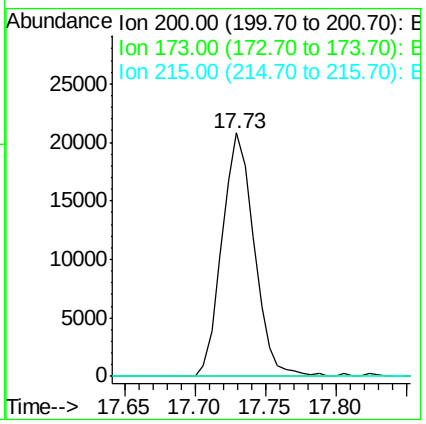


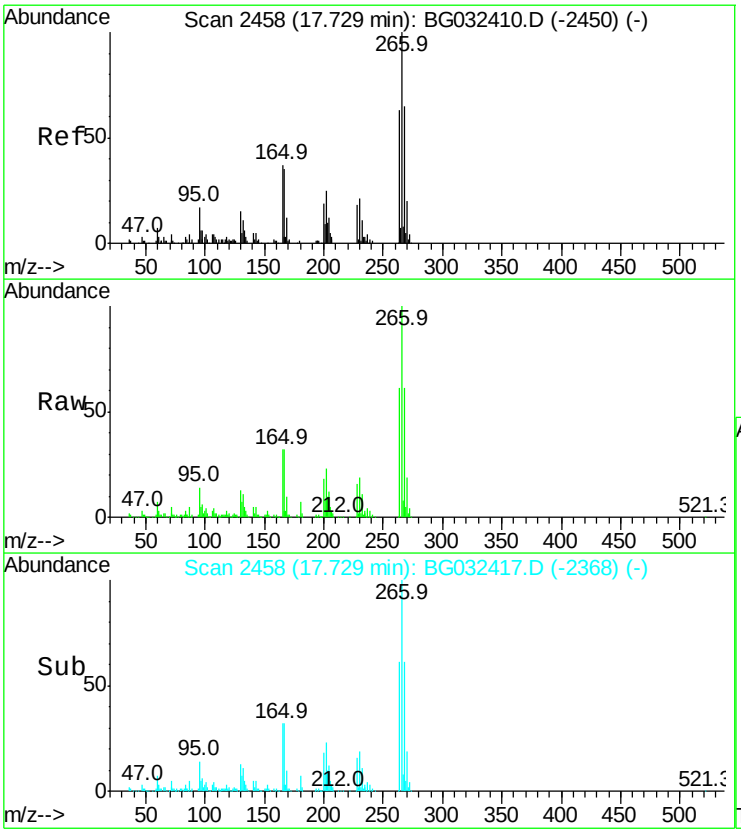

#68
Atrazine
Concen: 10.747 ng
RT: 17.73 min Scan# 2458
Delta R.T. 0.22 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

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

Tgt Ion:200 Resp: 33015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 0.0 | 5.2 | 45.2# |
| 215 | 0.0 | 30.4 | 70.4# |

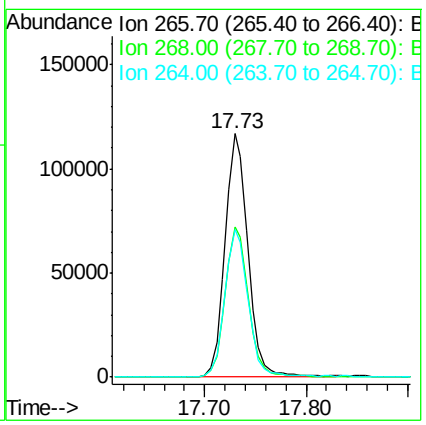


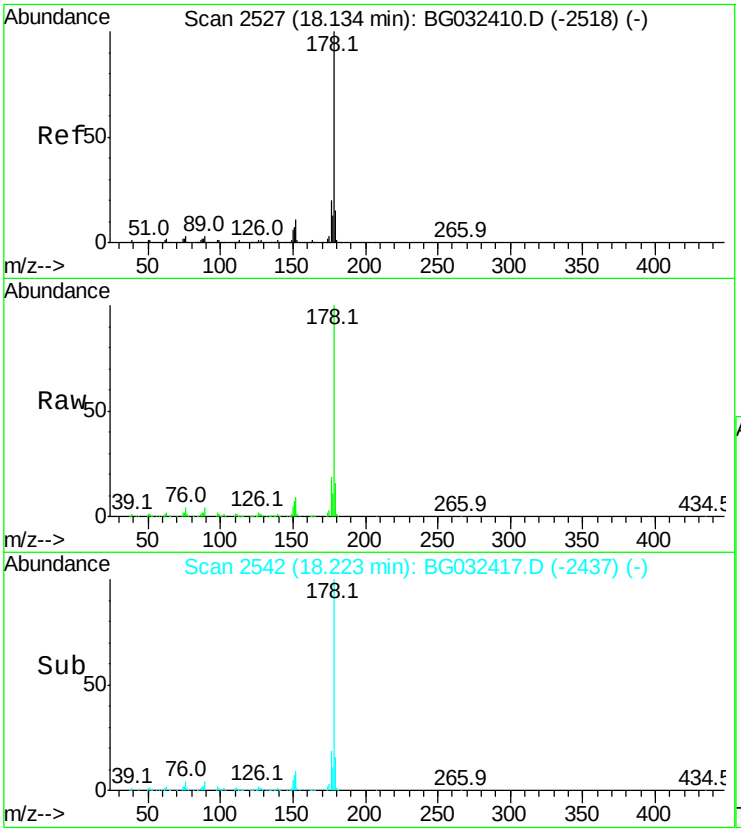




#69
Pentachlorophenol
Concen: 74.463 ng
RT: 17.73 min Scan# 2458
Delta R.T. 0.00 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

Tgt Ion:266 Resp: 183384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 61.5 | 51.1 | 76.7 |
| 264 | 60.8 | 49.6 | 74.4 |



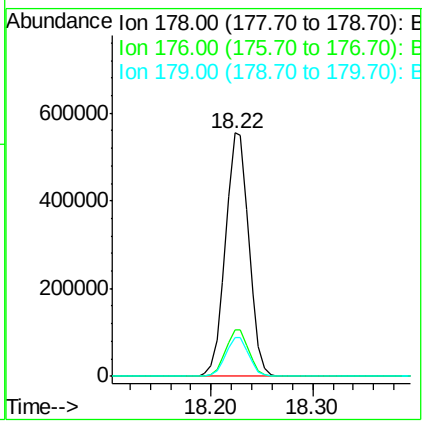


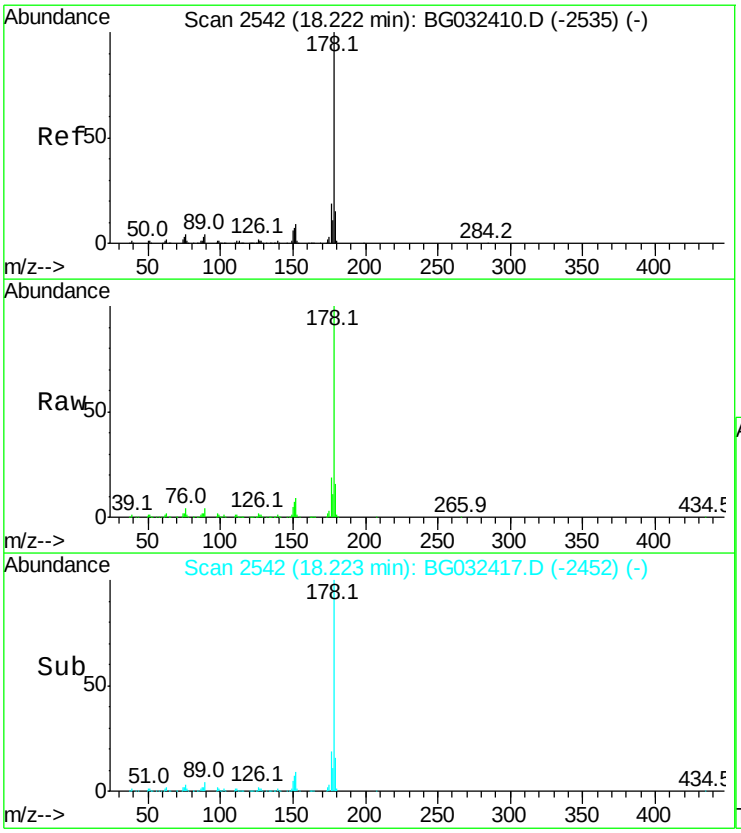

#70
Phenanthrene
Concen: 66.419 ng
RT: 18.22 min Scan# 2542
Delta R.T. 0.09 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

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

Tgt Ion:178 Resp: 888189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.0 | 15.7 | 23.5 |
| 179 | 15.8 | 12.5 | 18.7 |

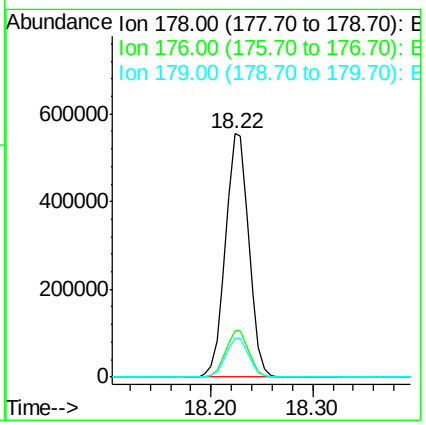


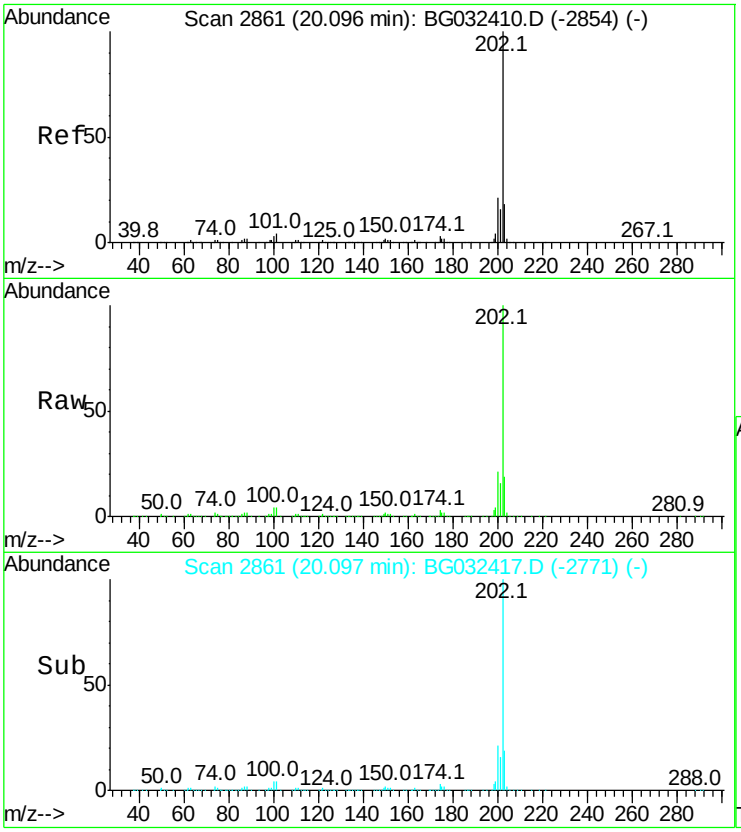




#71
Anthracene
Concen: 66.705 ng
RT: 18.22 min Scan# 2542
Delta R.T. 0.00 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

Tgt Ion:178 Resp: 888189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.0 | 16.0 | 24.0 |
| 179 | 15.8 | 12.5 | 18.7 |



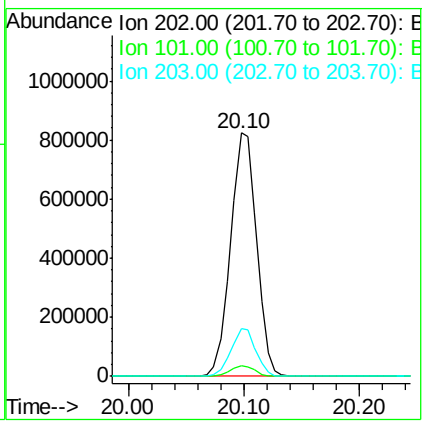


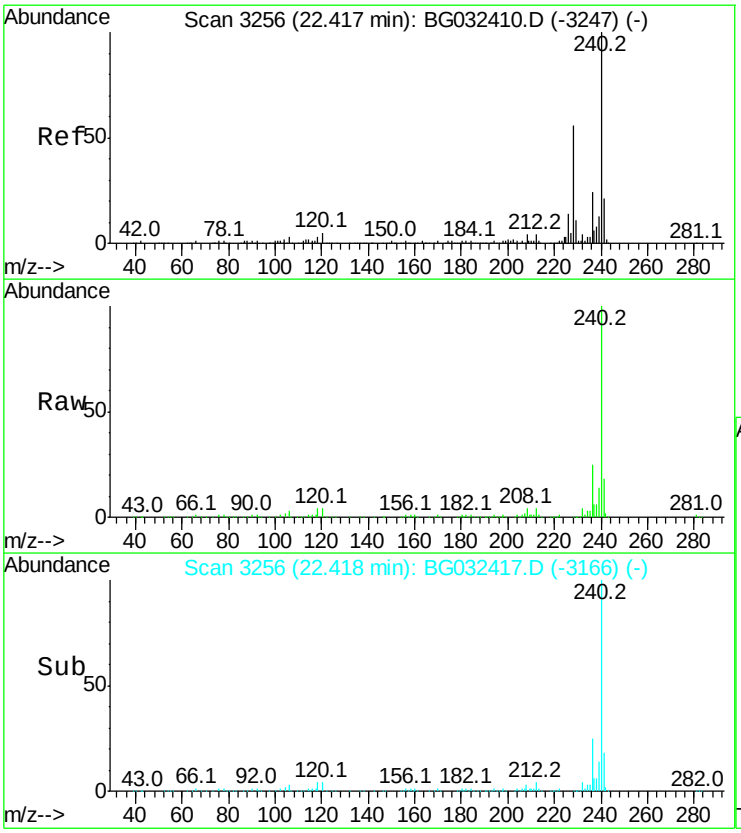

#74
Fluoranthene
Concen: 73.227 ng
RT: 20.10 min Scan# 2861
Delta R.T. 0.00 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

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

Tgt Ion:202 Resp: 1284190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 4.4 | 0.0 | 28.9 |
| 203 | 19.5 | 0.0 | 37.5 |

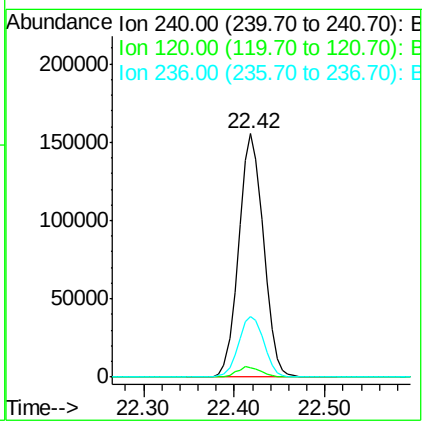


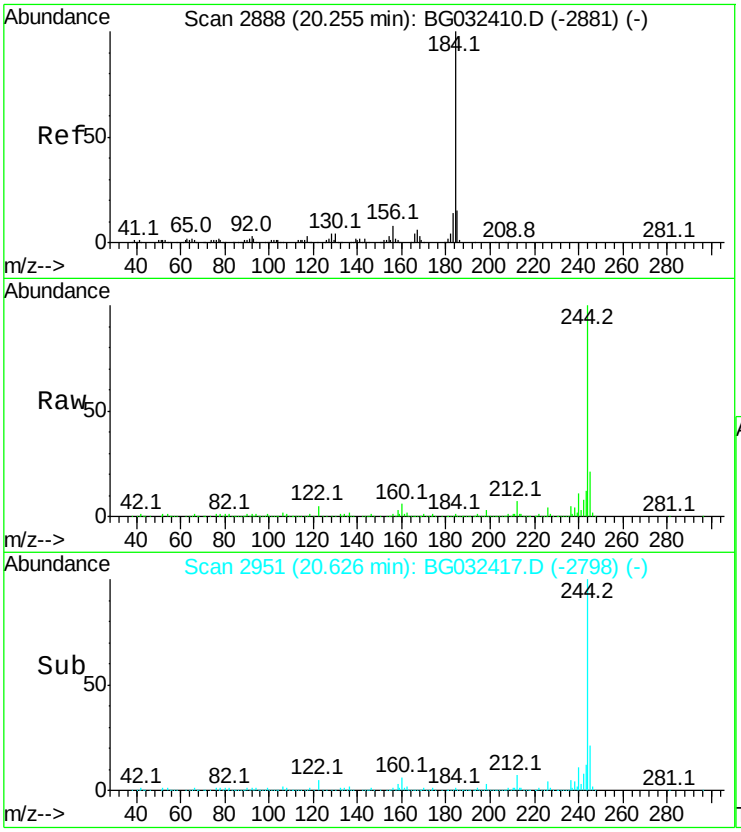




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. 0.00 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

Tgt Ion:240 Resp: 293804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 3.9 | 6.8 | 10.2# |
| 236 | 25.0 | 20.9 | 31.3 |



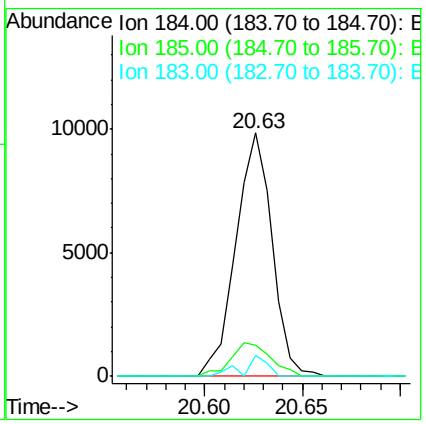


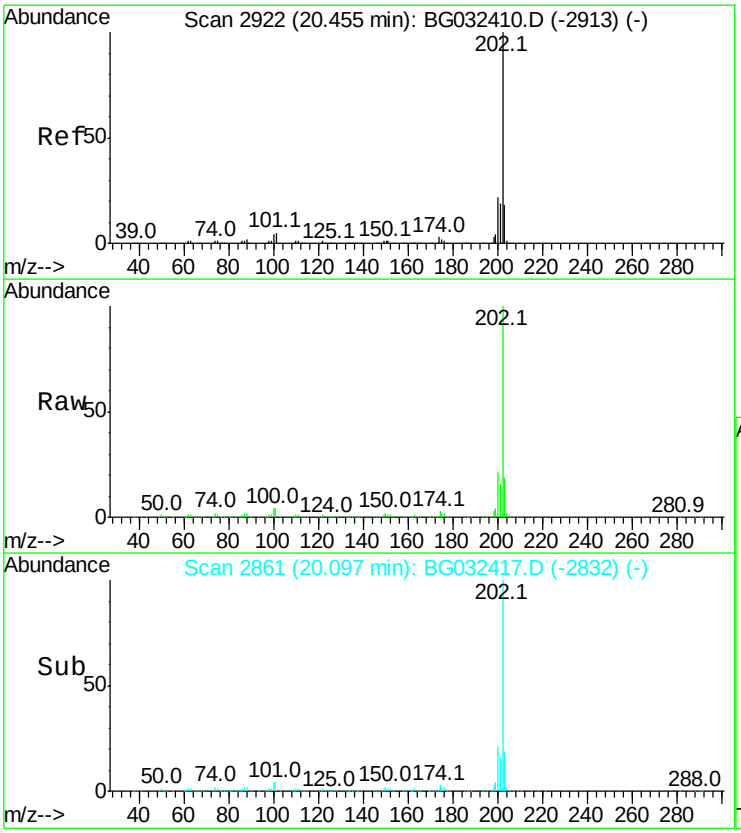

#76
Benzidine
Concen: 2.187 ng
RT: 20.63 min Scan# 2951
Delta R.T. 0.37 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

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

Tgt Ion:184 Resp: 12615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 12.7 | 11.1 | 16.7 |
| 183 | 8.3 | 10.6 | 16.0# |

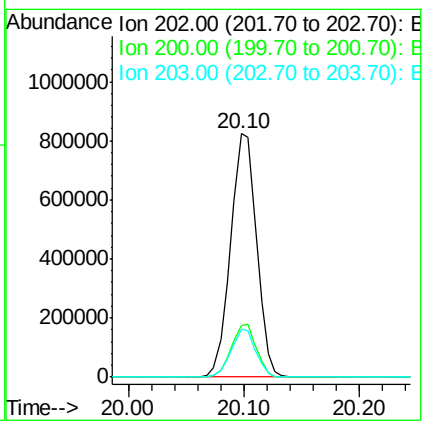


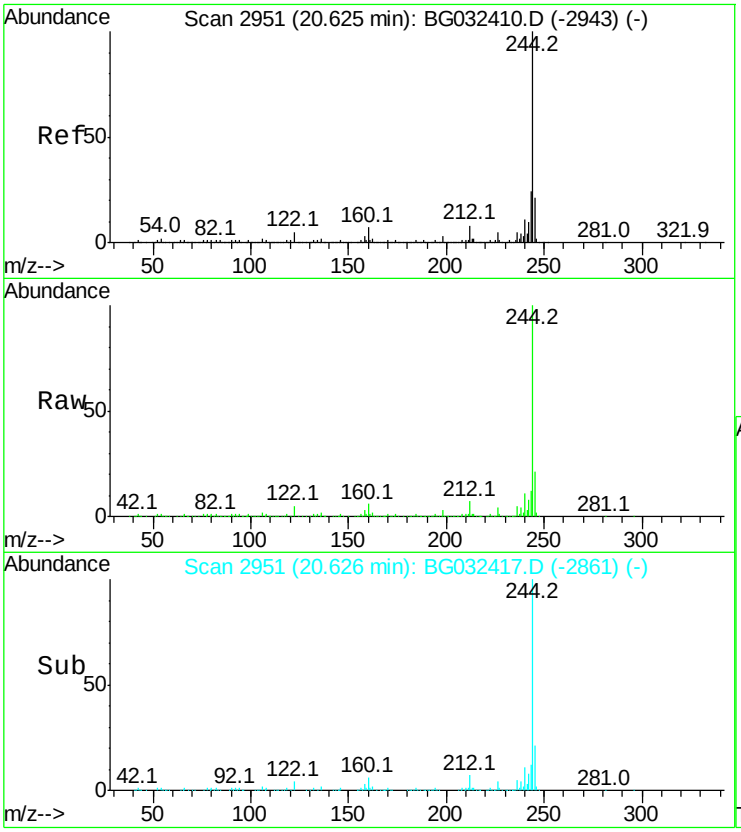




#77
Pyrene
Concen: 71.264 ng
RT: 20.10 min Scan# 2861
Delta R.T. -0.36 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

Tgt Ion:202 Resp: 1284190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.3 | 16.9 | 25.3 |
| 203 | 19.5 | 13.9 | 20.9 |



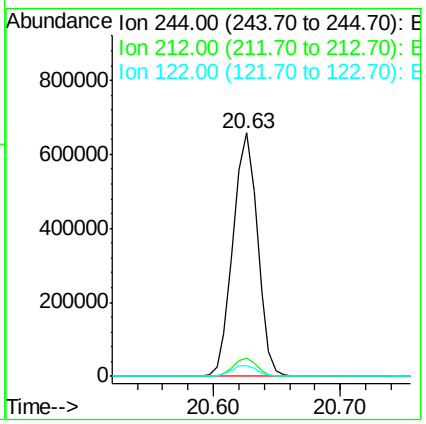


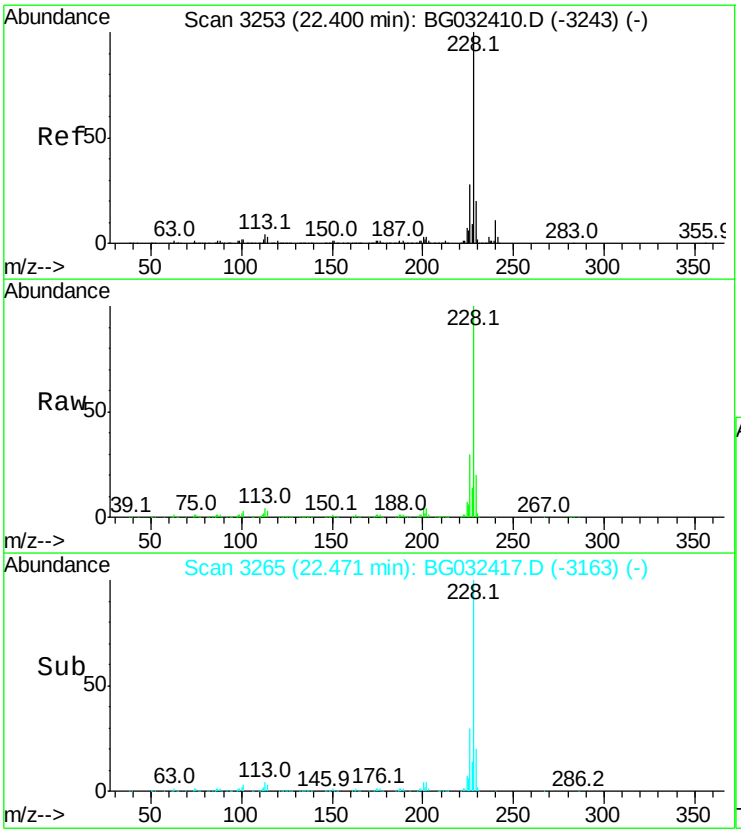

#78
Terphenyl-d14
Concen: 63.994 ng
RT: 20.63 min Scan# 2951
Delta R.T. 0.00 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

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

Tgt Ion:244 Resp: 877735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.3 | 5.8 | 8.8 |
| 122 | 4.6 | 7.0 | 10.4# |

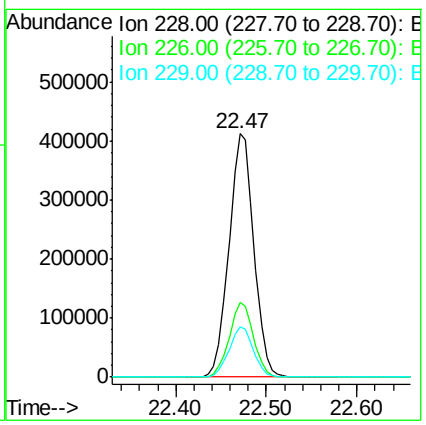


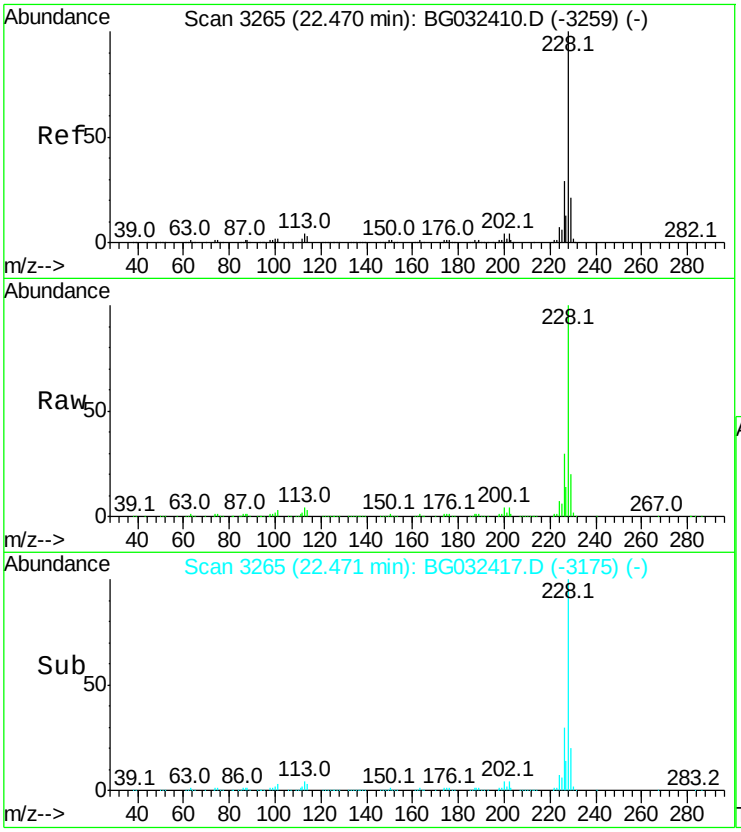




#80
Benzo(a)anthracene
Concen: 42.978 ng
RT: 22.47 min Scan# 3265
Delta R.T. 0.07 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

Tgt Ion:228 Resp: 782809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.5 | 22.7 | 34.1 |
| 229 | 20.5 | 16.2 | 24.2 |



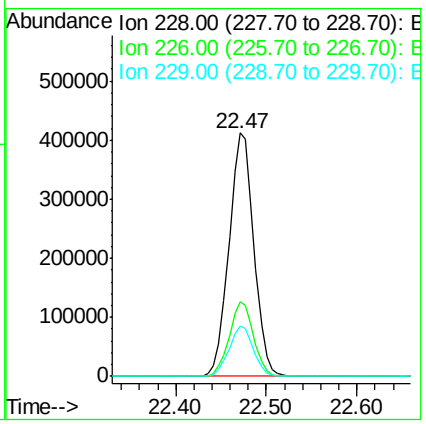


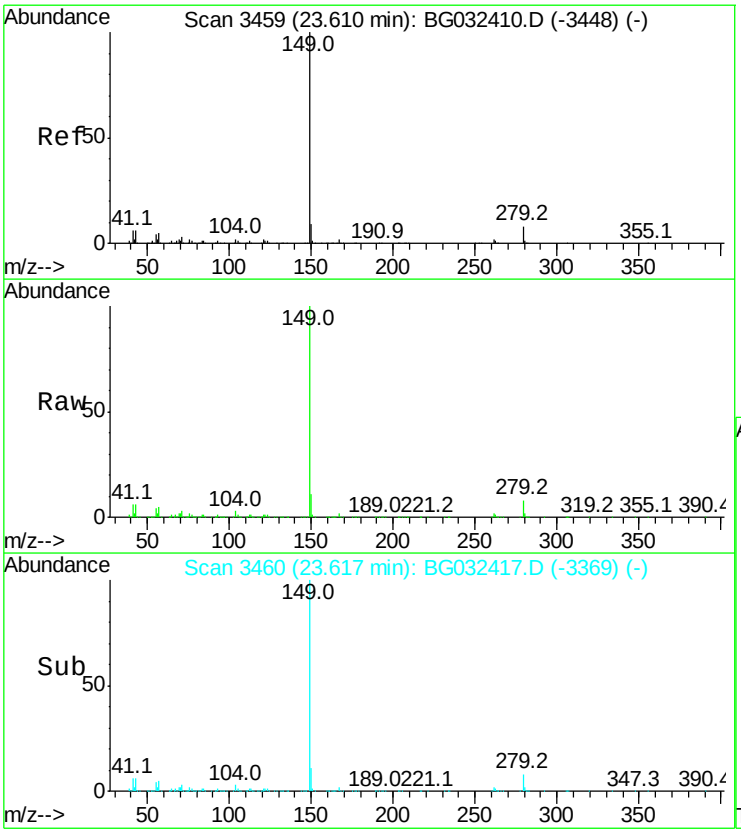

#82
Chrysene
Concen: 44.503 ng
RT: 22.47 min Scan# 3265
Delta R.T. 0.00 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

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

Tgt Ion:228 Resp: 782809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.5 | 24.9 | 37.3 |
| 229 | 20.5 | 15.0 | 22.4 |

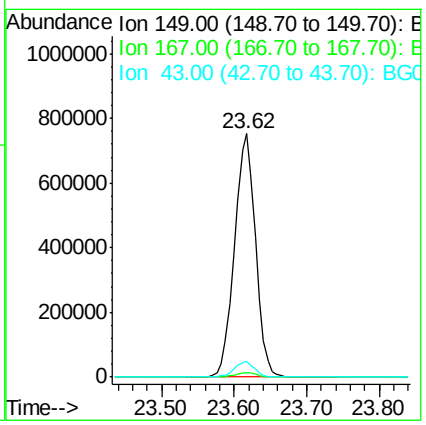


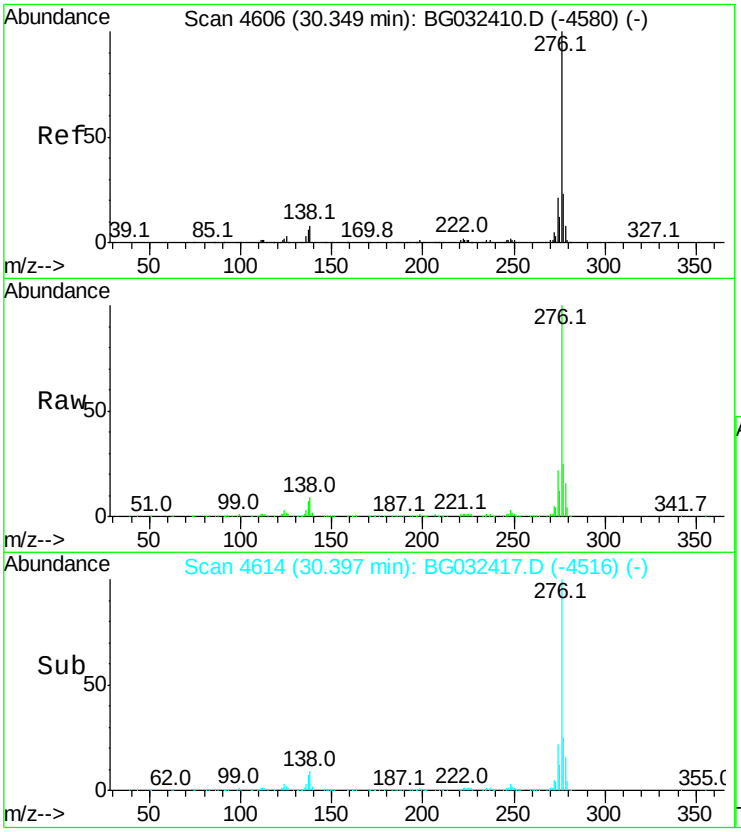




#84
Di-n-octyl phthalate
Concen: 118.115 ng
RT: 23.62 min Scan# 3460
Delta R.T. 0.01 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

Tgt Ion:149 Resp: 1509874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.8 | 1.4 | 2.0 |
| 43 | 6.2 | 8.9 | 13.3# |



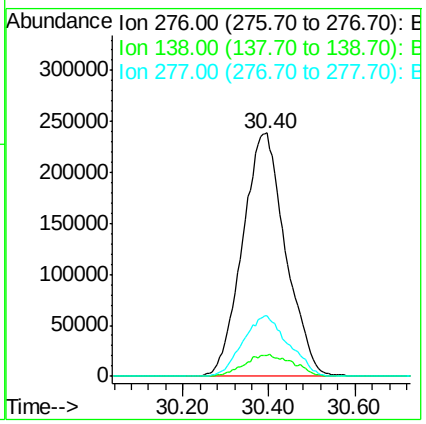


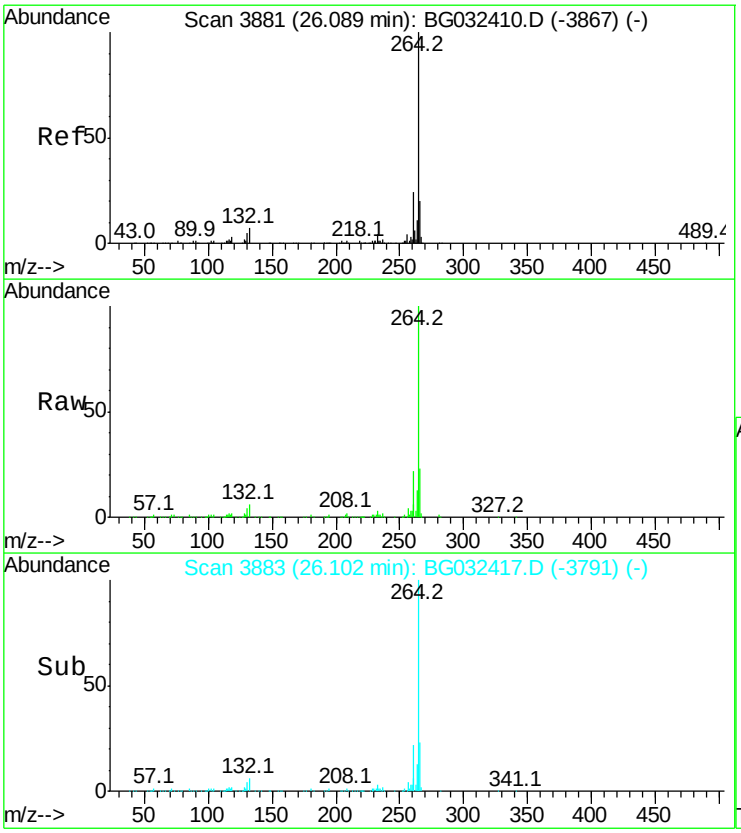

#85
Indeno(1,2,3-cd)pyrene
Concen: 75.433 ng
RT: 30.40 min Scan# 4614
Delta R.T. 0.05 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

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

Tgt Ion:276 Resp: 1678552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 10.0 | 16.0 | 24.0# |
| 277 | 26.3 | 20.0 | 30.0 |

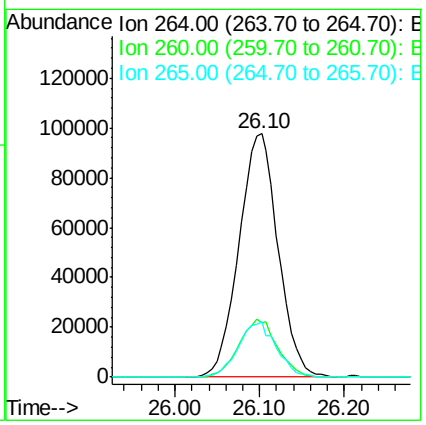


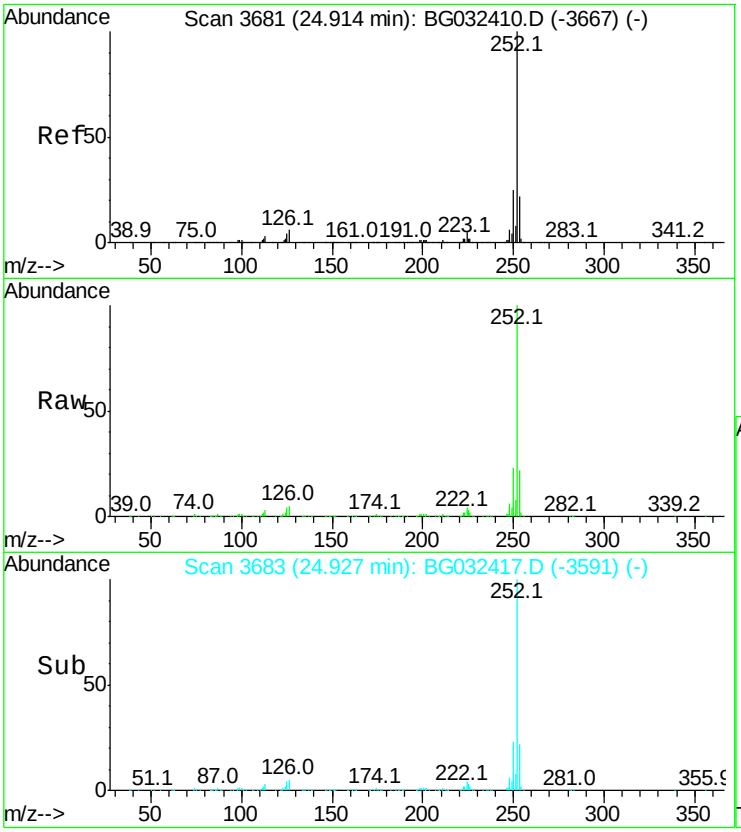




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.10 min Scan# 3883
Delta R.T. 0.01 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

Tgt Ion:264 Resp: 313074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.4 | 17.4 | 26.0 |
| 265 | 22.8 | 17.7 | 26.5 |



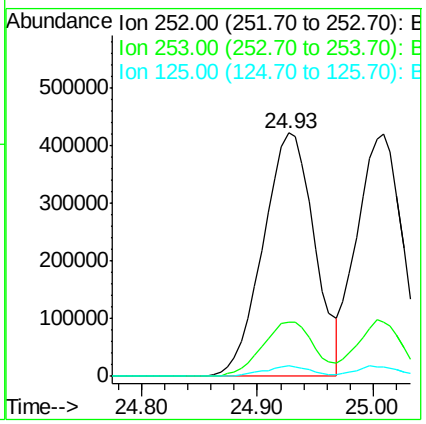


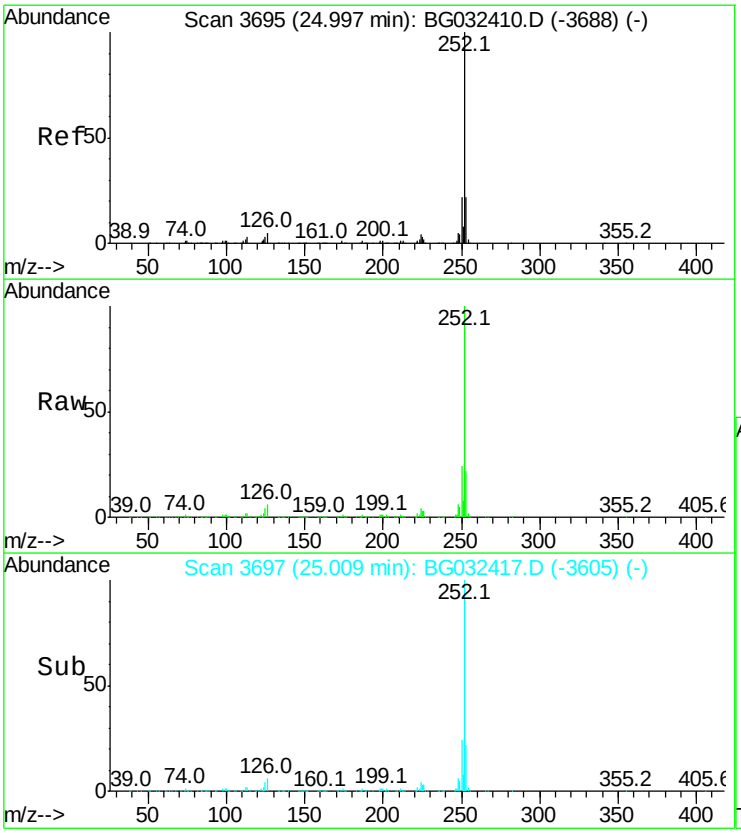

#87
Benzo(b)fluoranthene
Concen: 69.085 ng
RT: 24.93 min Scan# 3683
Delta R.T. 0.01 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

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

Tgt Ion:252 Resp: 1306850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 18.2 | 27.4 |
| 125 | 4.5 | 7.2 | 10.8# |

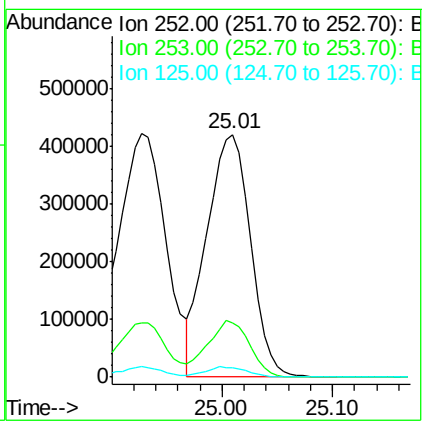


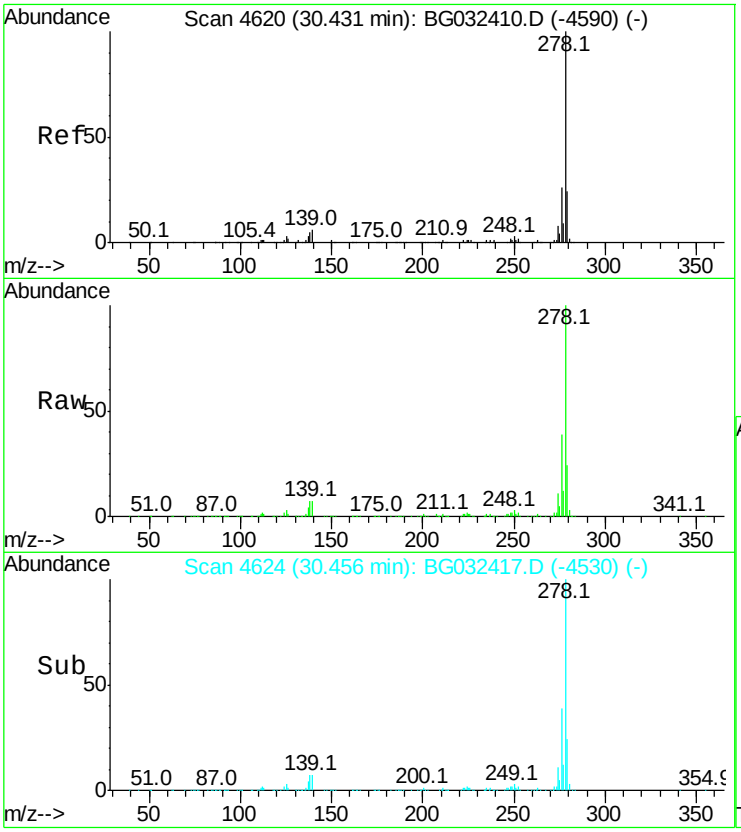




#88
Benzo(k)fluoranthene
Concen: 61.425 ng
RT: 25.01 min Scan# 3697
Delta R.T. 0.01 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

Tgt Ion:252 Resp: 1151052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.4 | 26.2 |
| 125 | 4.1 | 6.6 | 9.8# |



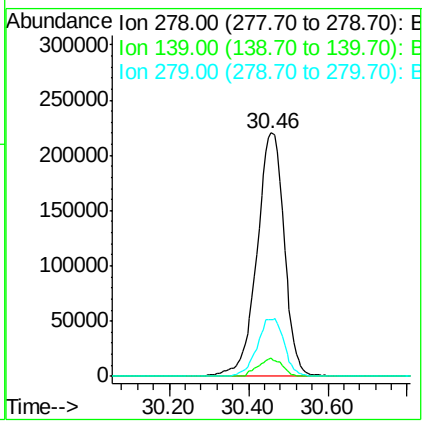


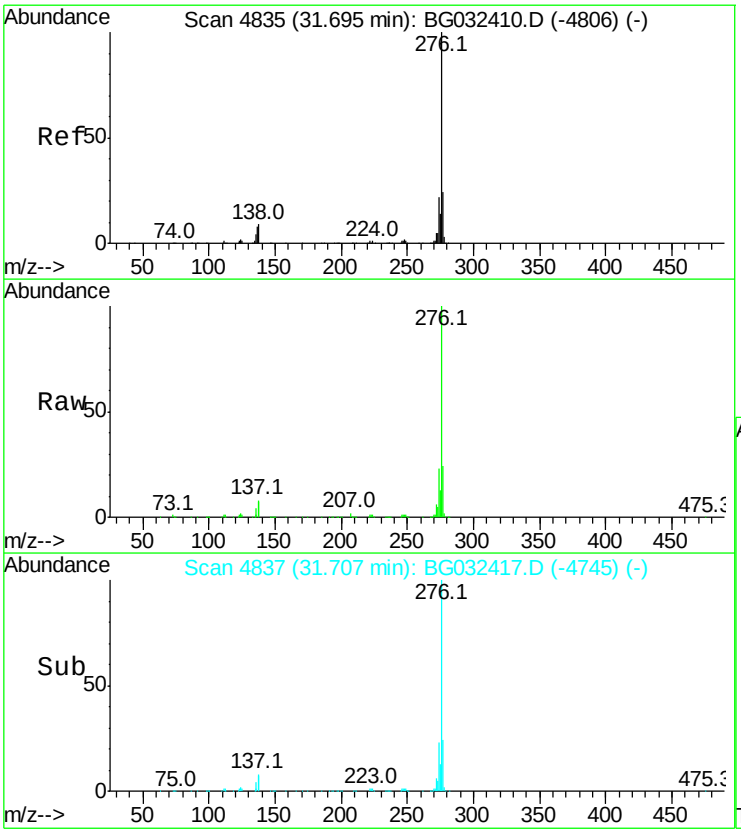

#90
Dibenzo(a,h)anthracene
Concen: 57.199 ng
RT: 30.46 min Scan# 4624
Delta R.T. 0.02 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

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

Tgt Ion:278 Resp: 1055240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 7.3 | 9.8 | 14.6# |
| 279 | 23.5 | 18.4 | 27.6 |




#91
Benzo(g,h,i)perylene
Concen: 35.998 ng
RT: 31.71 min Scan# 4837
Delta R.T. 0.01 min
Lab File: BG032417.D
Acq: 29 Jan 2018 16:47

Tgt Ion:276 Resp: 659179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.3 | 18.3 | 27.5 |
| 138 | 7.5 | 13.9 | 20.9# |