Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
Data File : BG040090.D
Acq On : 22 Mar 2019 19:35
Operator : JU/SJ
Sample : K2032-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Mar 23 02:08:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.15 | 152 | 51432 | 20.00 | ng | -0.02 |
| 21) Naphthalene-d8 | 10.97 | 136 | 200294 | 20.00 | ng | -0.02 |
| 39) Acenaphthene-d10 | 14.77 | 164 | 118048 | 20.00 | ng | -0.02 |
| 64) Phenanthrene-d10 | 17.52 | 188 | 261977 | 20.00 | ng | -0.02 |
| 76) Chrysene-d12 | 21.80 | 240 | 292857 | 20.00 | ng | -0.02 |
| 87) Perylene-d12 | 25.16 | 264 | 290887 | 20.00 | ng | -0.04 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.69 | 112 | 113662 | 37.70 | ng | -0.02 |
| 7) Phenol-d6 | 7.29 | 99 | 93756 | 20.86 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 9.32 | 82 | 302677 | 81.73 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 16.26 | 330 | 103145 | 74.96 | ng | -0.02 |
| 45) 2-Fluorobiphenyl | 13.39 | 172 | 682514 | 82.32 | ng | -0.02 |
| 79) Terphenyl-d14 | 20.11 | 244 | 880808 | 66.22 | ng | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.27 | 88 | 5623 | 4.040 | ng | # 1 |
| 4) n-Nitrosodimethylamine | 3.89 | 42 | 93 | 0.053 | ng | # 1 |
| 6) Aniline | 7.68 | 93 | 322 | 0.055 | ng | # 1 |
| 9) Benzaldehyde | 7.28 | 77 | 59 | 0.020 | ng | # 4 |
| 10) Phenol | 7.32 | 94 | 3470 | 0.713 | ng | 93 |
| 11) bis(2-Chloroethyl)ether | 7.68 | 93 | 322 | 0.085 | ng | # 1 |
| 15) Benzyl Alcohol | 8.47 | 79 | 4197 | 1.177 | ng | # 44 |
| 19) n-Nitroso-di-n-propylamine | 9.32 | 70 | 39597 | 12.238 | ng | # 70 |
| 24) Nitrobenzene | 9.32 | 77 | 1082 | 0.278 | ng | # 44 |
| 46) 1,1'-Biphenyl | 13.60 | 154 | 998 | 0.103 | ng | 71 |
| 48) 2-Nitroaniline | 14.21 | 65 | 128 | 0.055 | ng | # 1 |
| 50) Dimethylphthalate | 14.21 | 163 | 18006 | 1.824 | ng | 96 |
| 51) 2,6-Dinitrotoluene | 14.77 | 165 | 15370 | 7.345 | ng | # 22 |
| 52) Acenaphthene | 14.77 | 154 | 508 | 0.070 | ng | # 5 |
| 57) 2,4-Dinitrotoluene | 14.77 | 165 | 15370 | 5.227 | ng | # 17 |
| 58) Fluorene | 16.26 | 166 | 4354 | 0.468 | ng | # 79 |
| 60) Diethylphthalate | 15.57 | 149 | 181 | 0.019 | ng | # 58 |
| 63) Azobenzene | 16.25 | 77 | 513 | 0.058 | ng | # 1 |
| 65) 4,6-Dinitro-2-methylphenol | 16.26 | 198 | 358 | 0.231 | ng | # 57 |
| 66) n-Nitrosodiphenylamine | 16.25 | 169 | 4118 | 0.543 | ng | # 48 |
| 67) 4-Bromophenyl-phenylether | 16.25 | 248 | 8151 | 2.780 | ng | # 1 |
| 70) Pentachlorophenol | 17.48 | 266 | 57 | 0.030 | ng | # 18 |
| 71) Phenanthrene | 17.56 | 178 | 228 | 0.016 | ng | # 59 |
| 72) Anthracene | 17.56 | 178 | 228 | 0.016 | ng | # 60 |
| 74) Di-n-butylphthalate | 18.45 | 149 | 259 | 0.017 | ng | # 77 |
| 75) Fluoranthene | 19.57 | 202 | 118 | 0.007 | ng | 63 |
| 77) Benzidine | 20.11 | 184 | 14584 | 1.569 | ng | # 92 |
| 78) Pyrene | 20.11 | 202 | 3524 | 0.185 | ng | # 62 |
| 80) Butylbenzylphthalate | 20.73 | 149 | 62 | 0.008 | ng | # 22 |
| 81) Benzo(a)anthracene | 21.80 | 228 | 941 | 0.051 | ng | # 50 |
| 83) Chrysene | 21.80 | 228 | 941 | 0.053 | ng | # 48 |
| 84) Bis(2-ethylhexyl)phthalate | 21.65 | 149 | 1213 | 0.117 | ng | # 78 |
| 85) Di-n-octyl phthalate | 22.92 | 149 | 63 | 0.004 | ng | # 71 |
| 90) Benzo(a)pyrene | 25.16 | 252 | 734 | 0.046 | ng | # 47 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
Data File : BG040090.D
Acq On : 22 Mar 2019 19:35
Operator : JU/SJ
Sample : K2032-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Mar 23 02:08:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

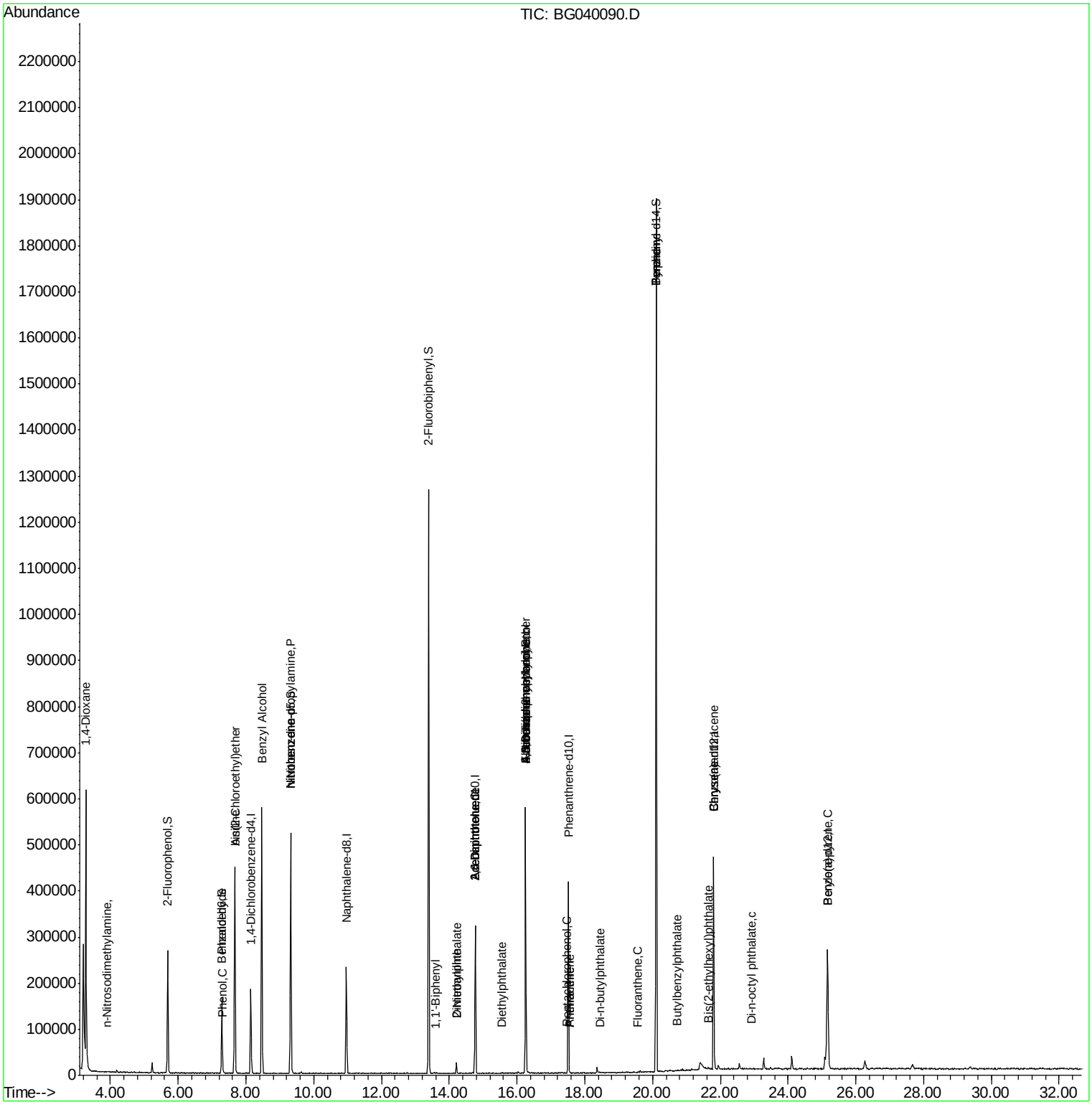
(#) = qualifier out of range (m) = manual integration (+) = signals summed

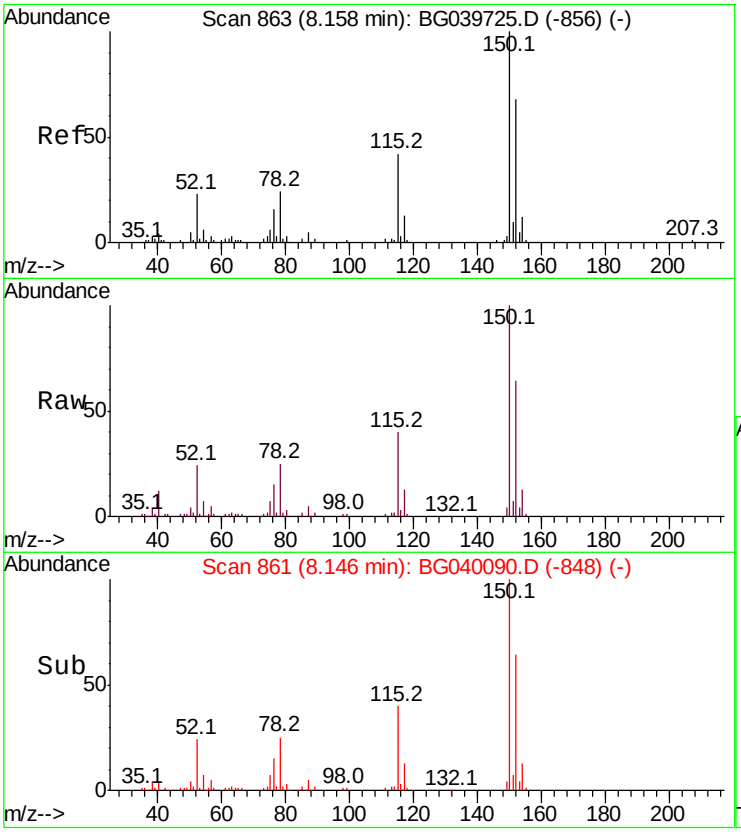
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
Data File : BG040090.D
Acq On : 22 Mar 2019 19:35
Operator : JU/SJ
Sample : K2032-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Mar 23 02:08:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration



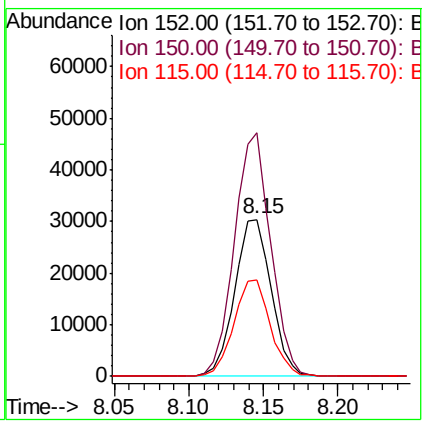


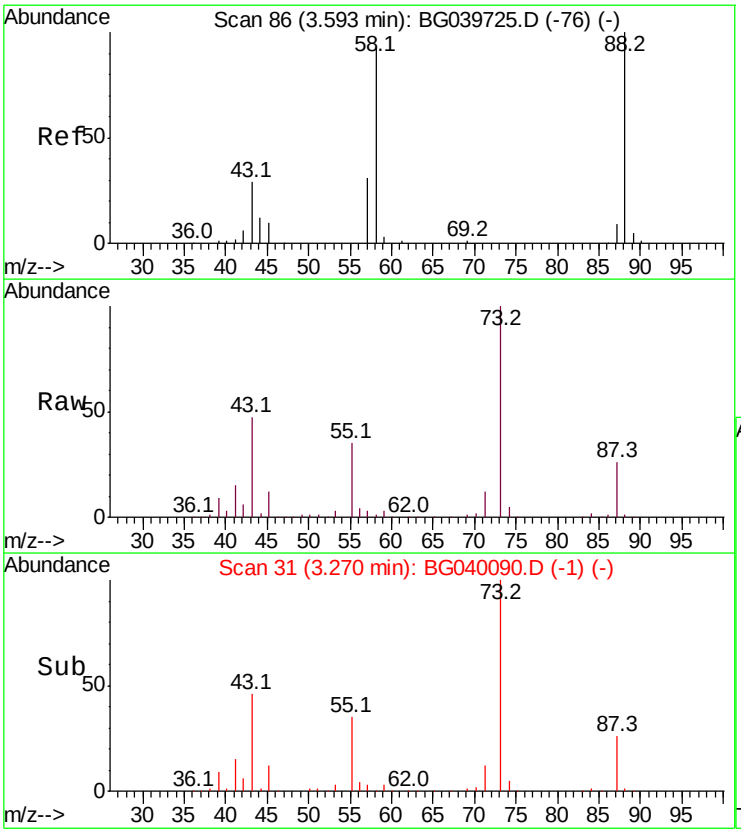

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

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

Tgt Ion:152 Resp: 51432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.2 | 123.7 | 185.5 |
| 115 | 61.5 | 45.9 | 68.9 |

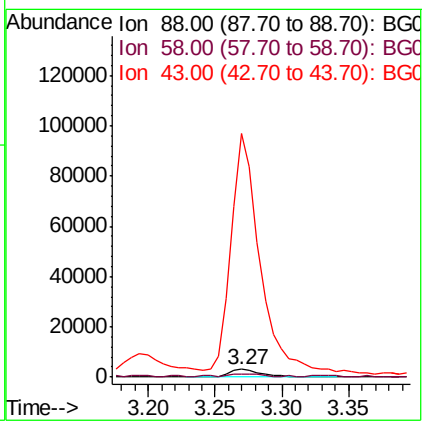


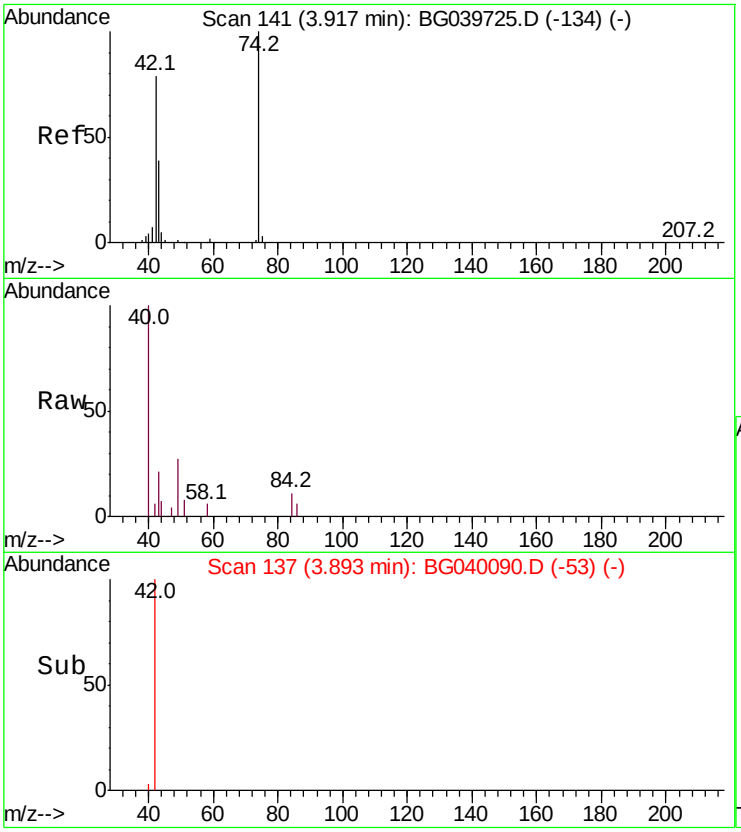




#2
1,4-Dioxane
Concen: 4.040 ng
RT: 3.27 min Scan# 31
Delta R.T. -0.34 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

Tgt Ion: 88 Resp: 5623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 41.5 | 81.1 | 121.7# |
| 43 | 2614.0 | 31.4 | 47.0# |



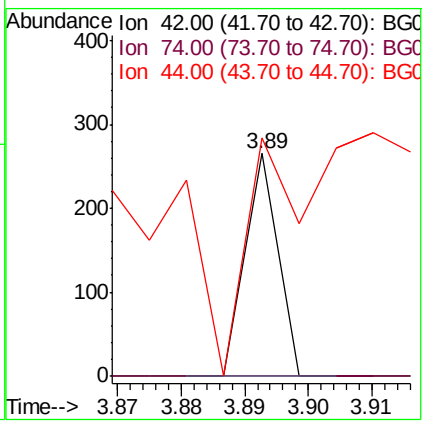


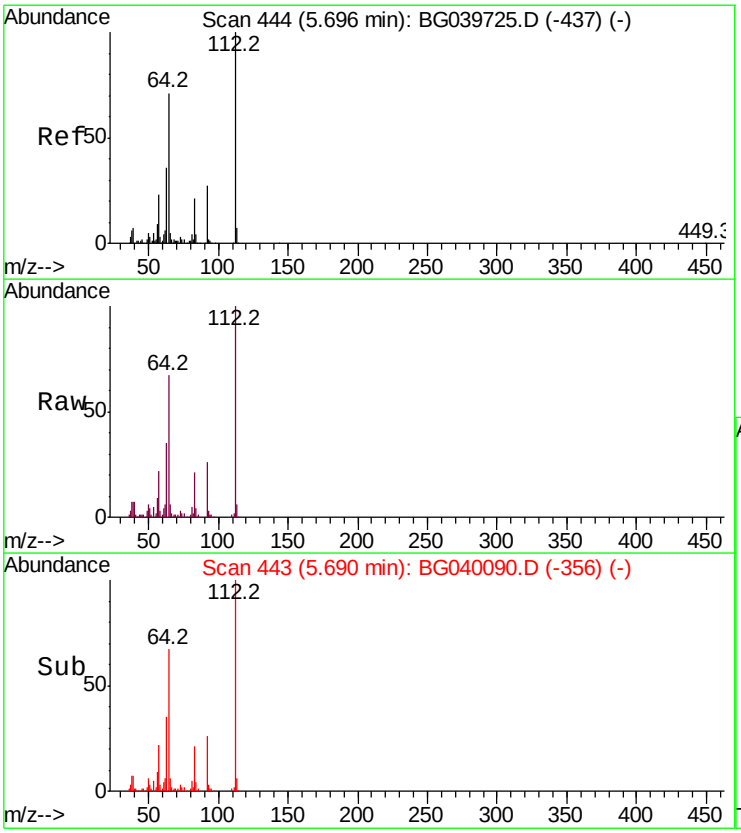

#4
n-Nitrosodimethylamine
Concen: 0.053 ng
RT: 3.89 min Scan# 137
Delta R.T. -0.04 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

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

Tgt Ion: 42 Resp: 93

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 0.0 | 83.6 | 125.4# |
| 44 | 107.2 | 6.9 | 10.3# |

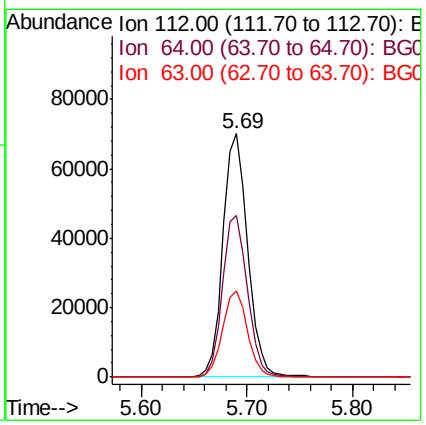


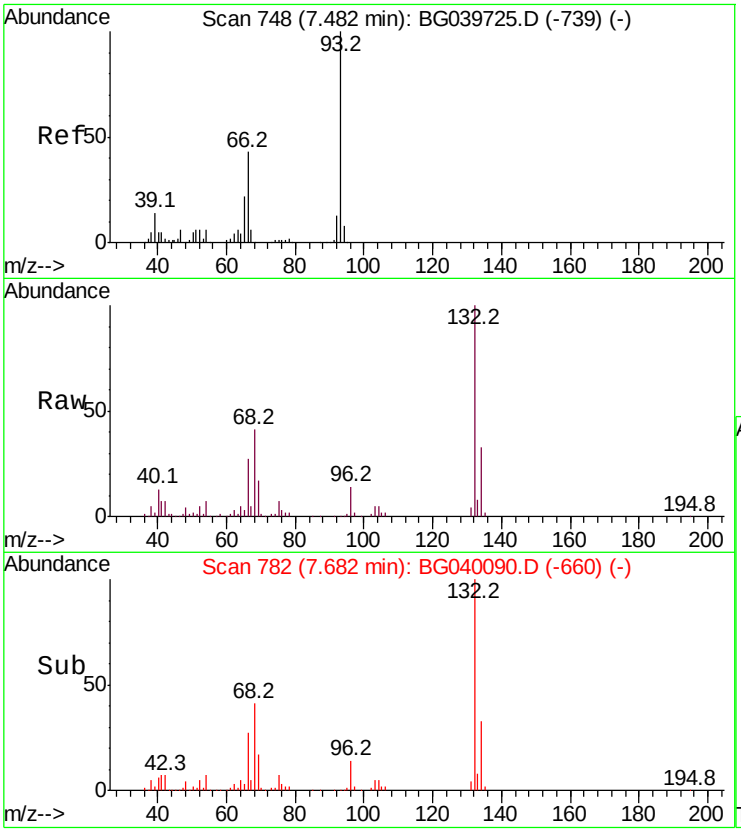




#5
2-Fluorophenol
Concen: 37.702 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

Tgt Ion:112 Resp: 113662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 66.6 | 57.8 | 86.8 |
| 63 | 35.5 | 29.8 | 44.6 |



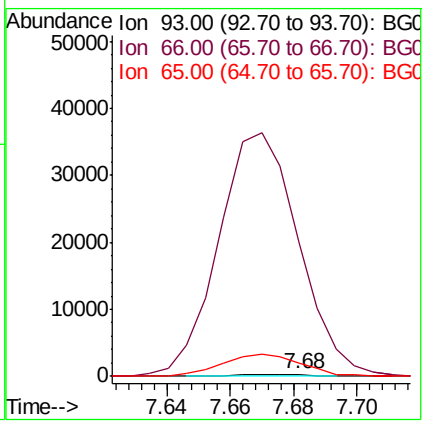


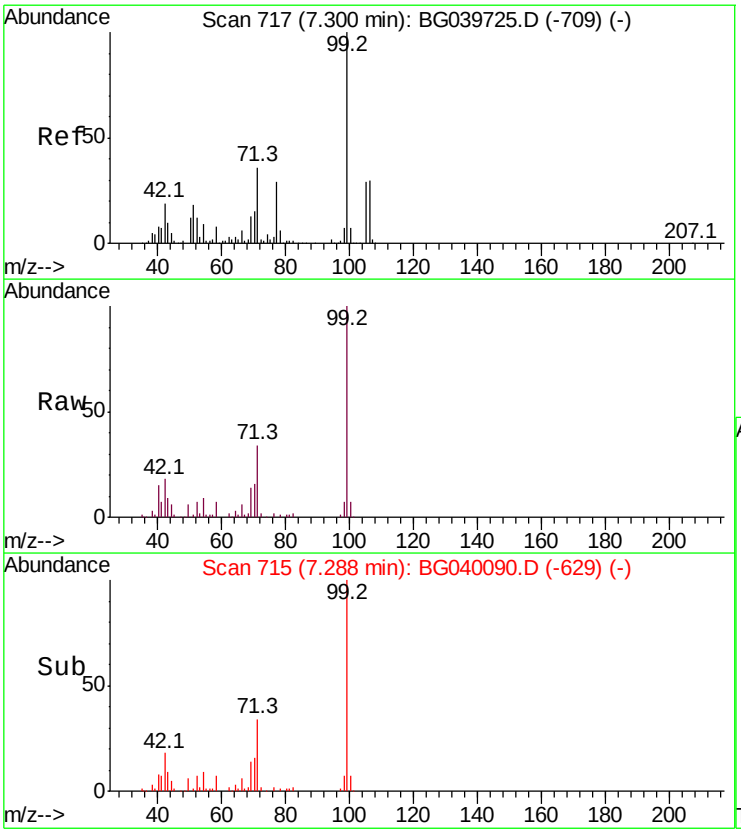

#6
Aniline
Concen: 0.055 ng
RT: 7.68 min Scan# 782
Delta R.T. 0.19 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

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

Tgt Ion: 93 Resp: 322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 7482.7 | 34.2 | 51.4# |
| 65 | 714.3 | 17.7 | 26.5# |

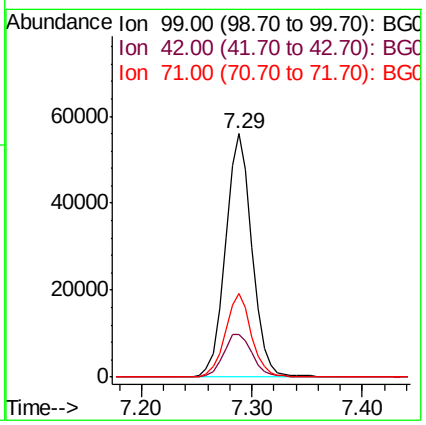


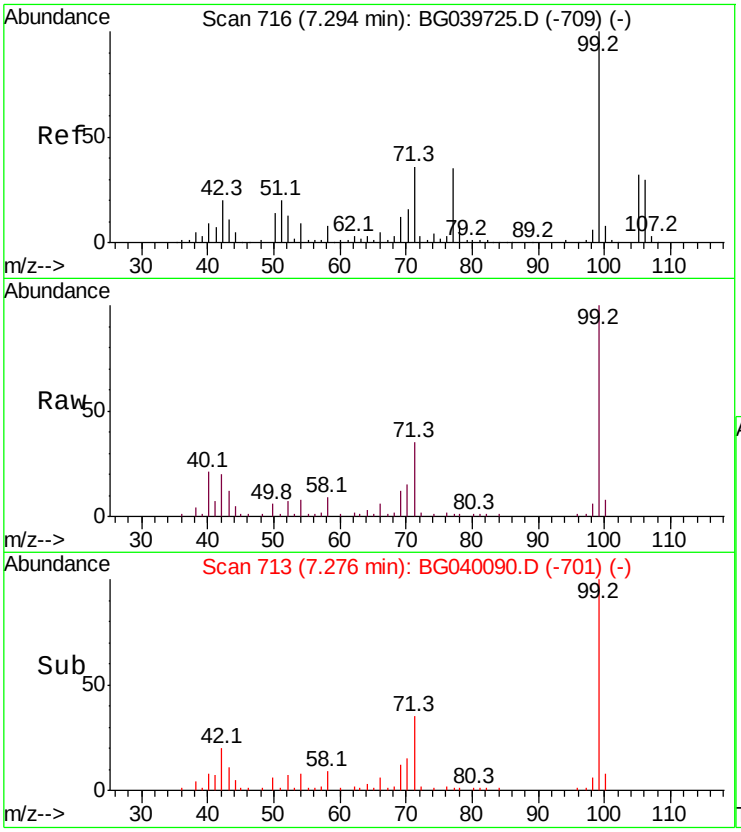




#7
Phenol-d6
Concen: 20.857 ng
RT: 7.29 min Scan# 715
Delta R.T. -0.02 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

Tgt Ion: 99 Resp: 93756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.6 | 18.2 | 27.2# |
| 71 | 34.2 | 28.0 | 42.0 |



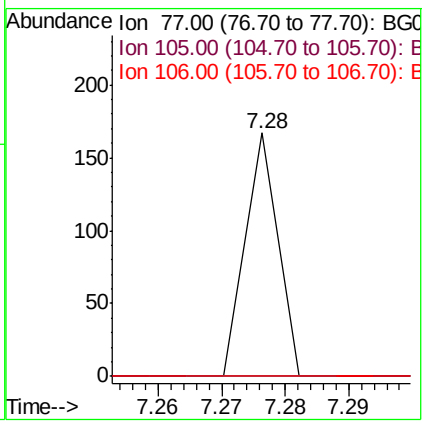


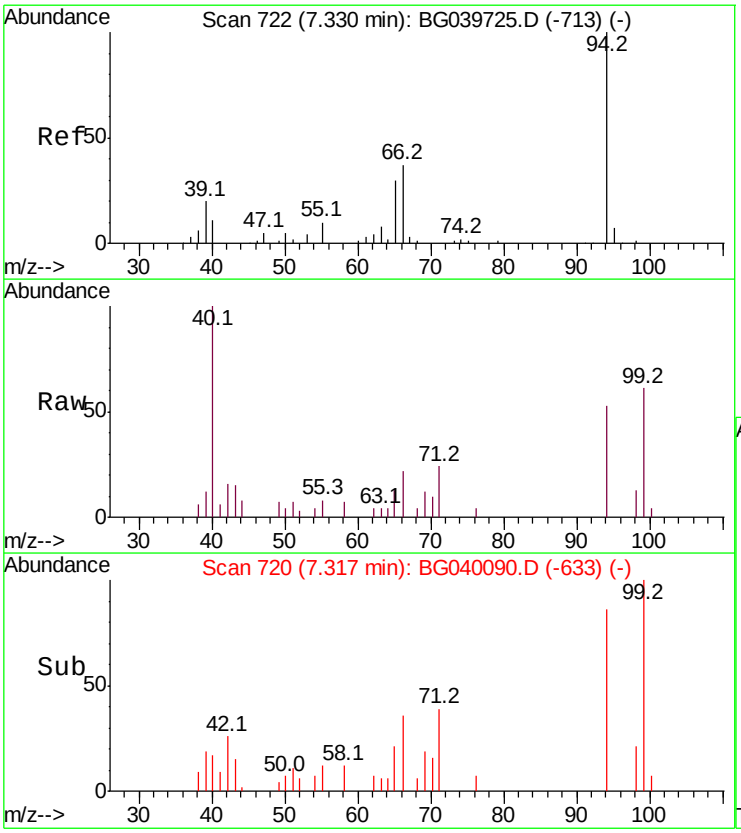

#9
Benzaldehyde
Concen: 0.020 ng
RT: 7.28 min Scan# 713
Delta R.T. -0.03 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

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

Tgt Ion: 77 Resp: 59

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 0.0 | 74.5 | 114.5# |
| 106 | 0.0 | 68.0 | 108.0# |

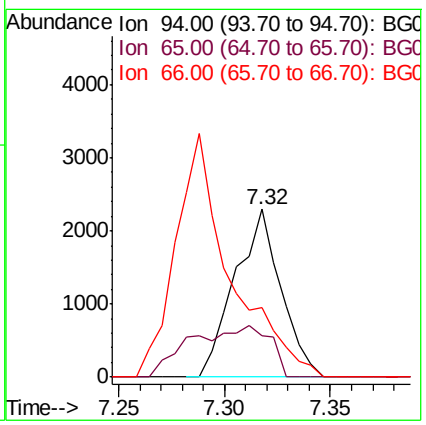


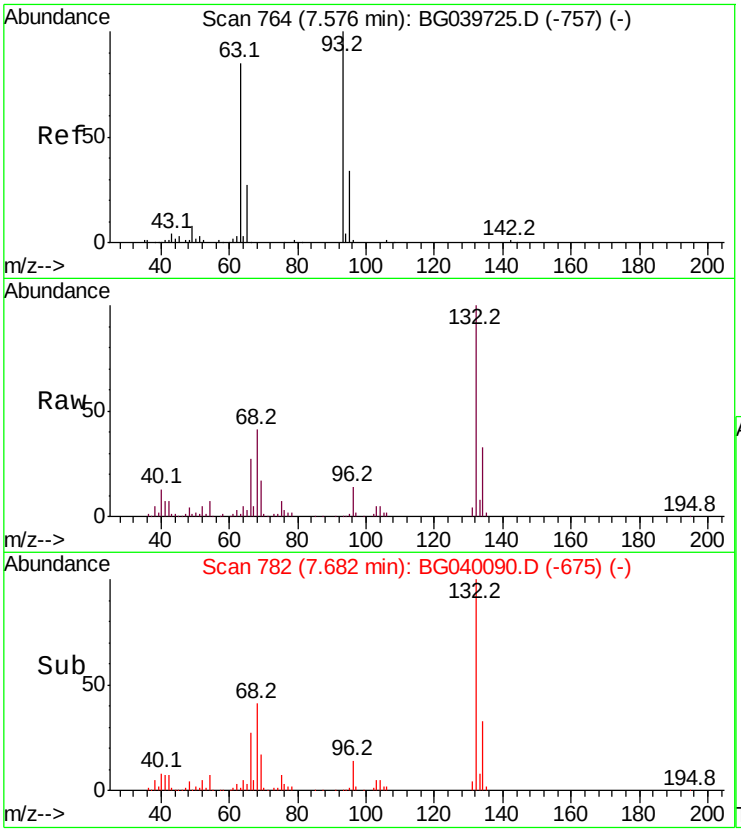




#10
Phenol
Concen: 0.713 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

Tgt Ion: 94 Resp: 3470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 24.5 | 11.7 | 51.7 |
| 66 | 41.5 | 23.7 | 63.7 |



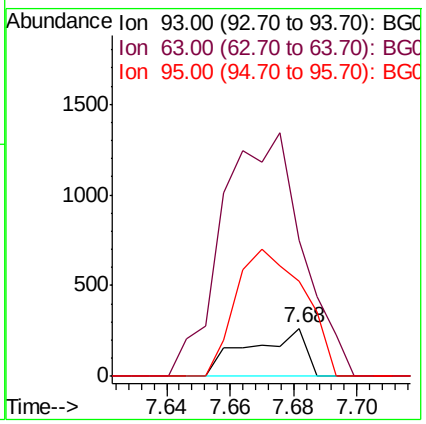


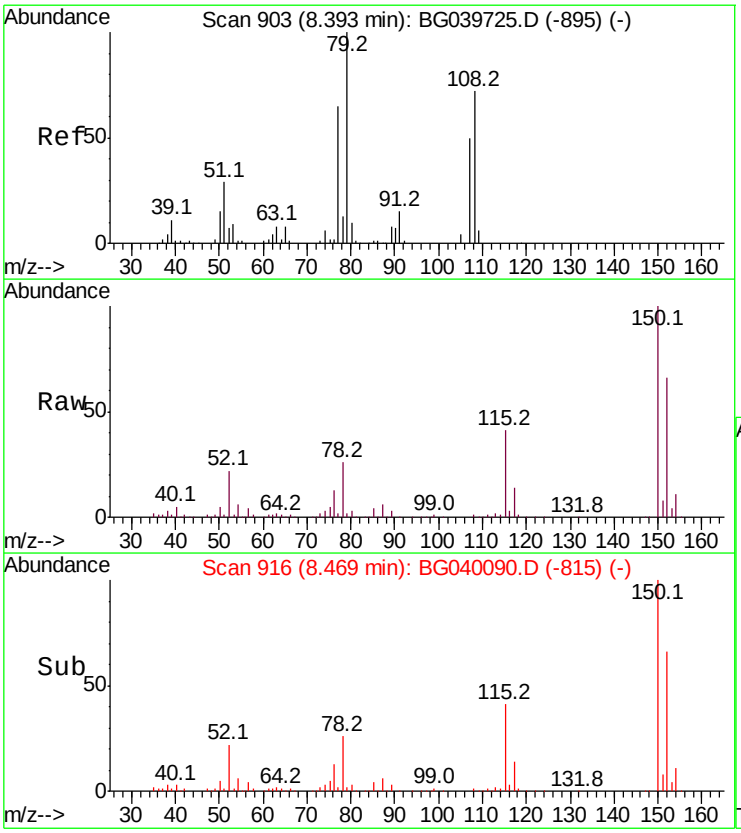

#11
bis(2-Chloroethyl)ether
Concen: 0.085 ng
RT: 7.68 min Scan# 782
Delta R.T. 0.10 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

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

Tgt Ion: 93 Resp: 322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 281.6 | 69.5 | 109.5# |
| 95 | 196.6 | 12.7 | 52.7# |

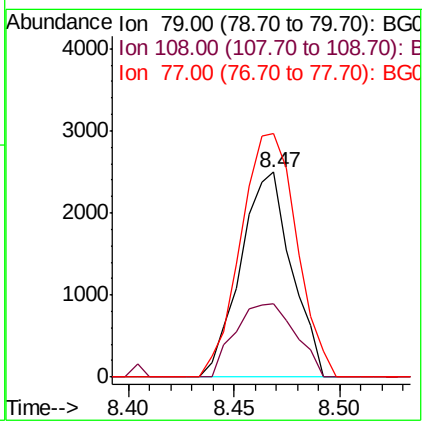


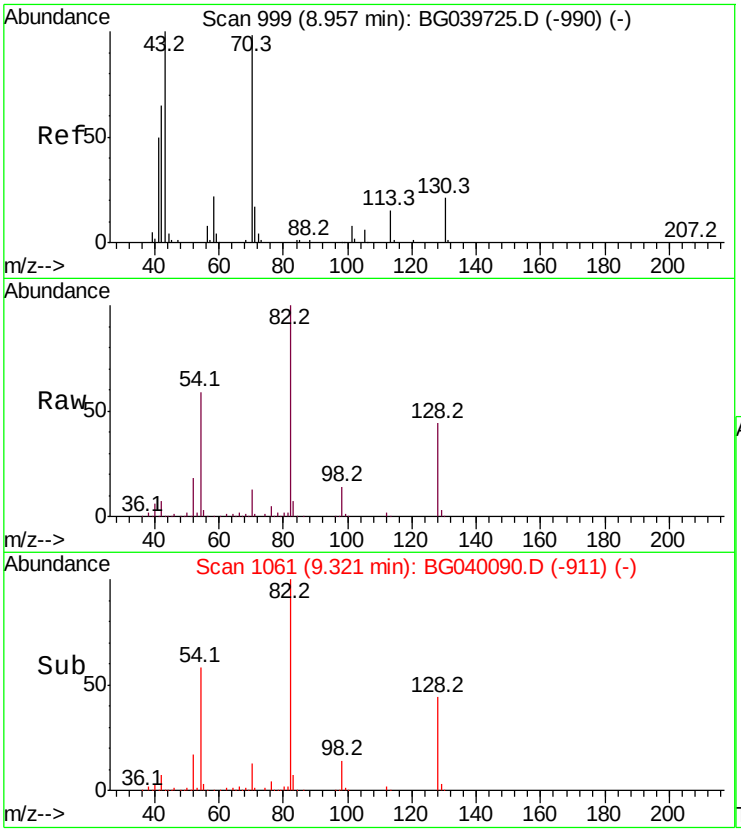




#15
Benzyl Alcohol
Concen: 1.177 ng
RT: 8.47 min Scan# 916
Delta R.T. 0.06 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

Tgt Ion: 79 Resp: 4197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 35.8 | 57.8 | 86.6# |
| 77 | 118.8 | 51.1 | 76.7# |



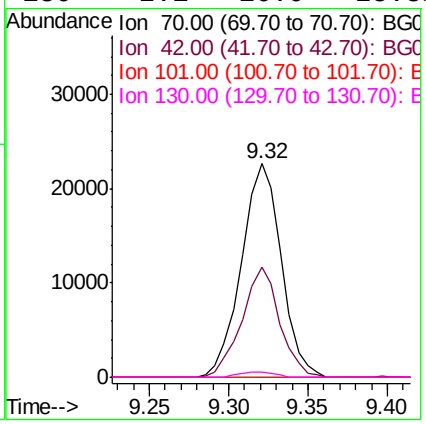


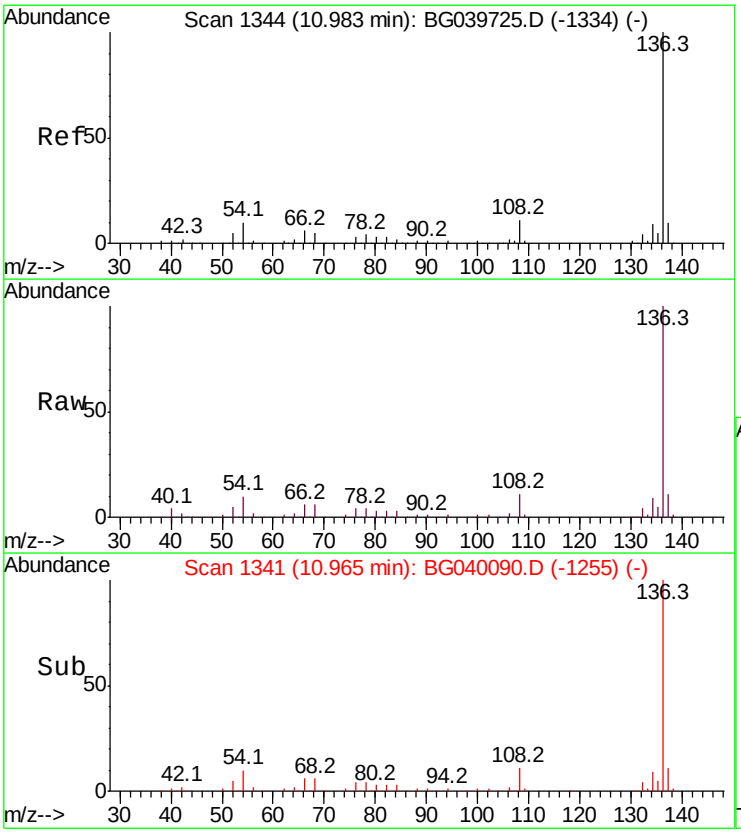

#19
n-Nitroso-di-n-propylamine
Concen: 12.238 ng
RT: 9.32 min Scan# 1061
Delta R.T. 0.35 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

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

Tgt Ion: 70 Resp: 39597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 51.6 | 60.4 | 90.6# |
| 101 | 0.0 | 7.5 | 11.3# |
| 130 | 2.1 | 16.9 | 25.3# |

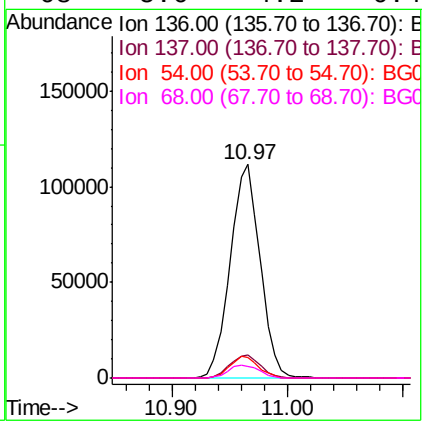


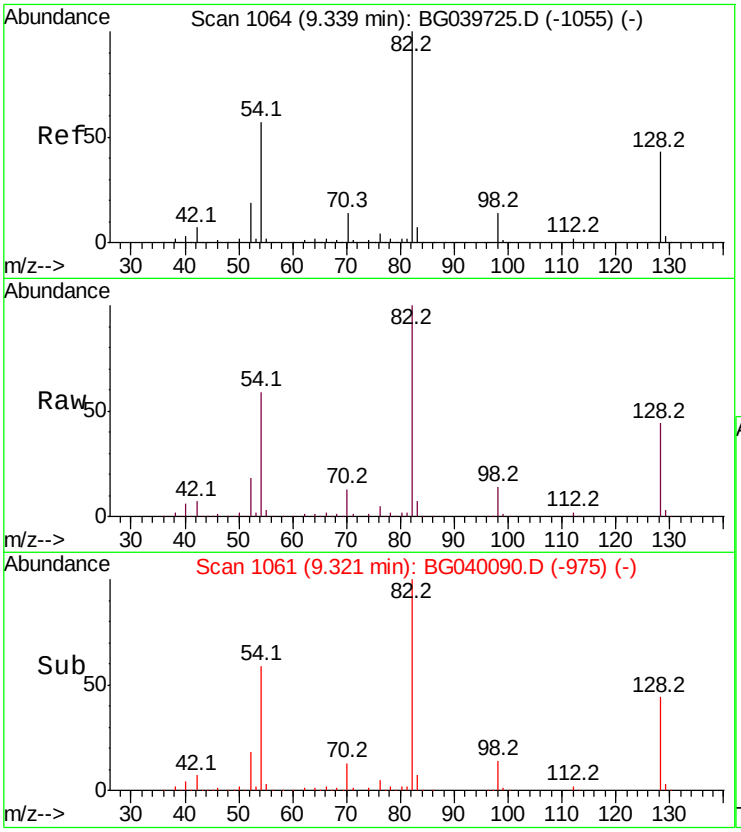




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

Tgt Ion:136 Resp: 200294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 9.1 | 13.7 |
| 54 | 9.8 | 9.4 | 14.2 |
| 68 | 5.6 | 4.2 | 6.4 |



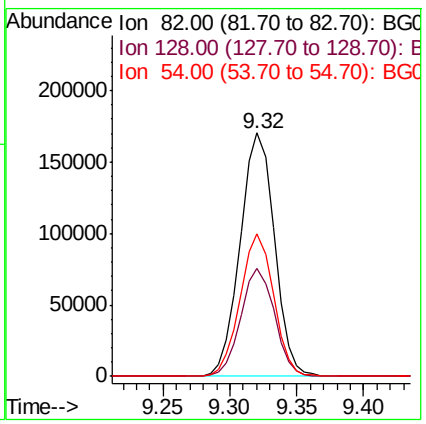


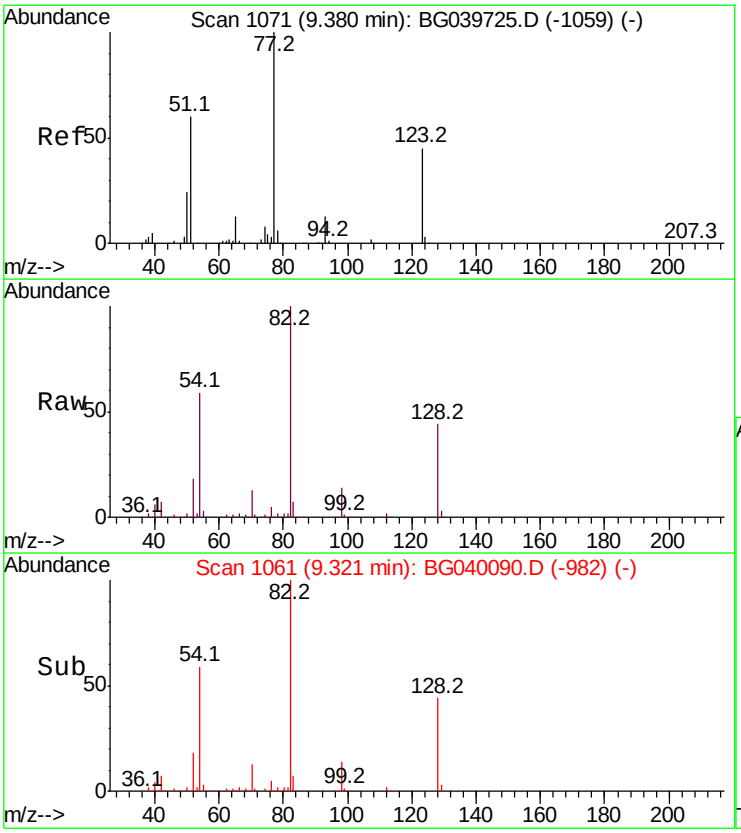

#23
Nitrobenzene-d5
Concen: 81.730 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

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

Tgt Ion: 82 Resp: 302677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.4 | 31.3 | 46.9 |
| 54 | 58.6 | 50.9 | 76.3 |

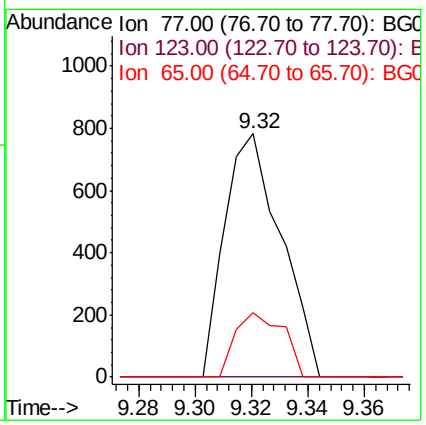


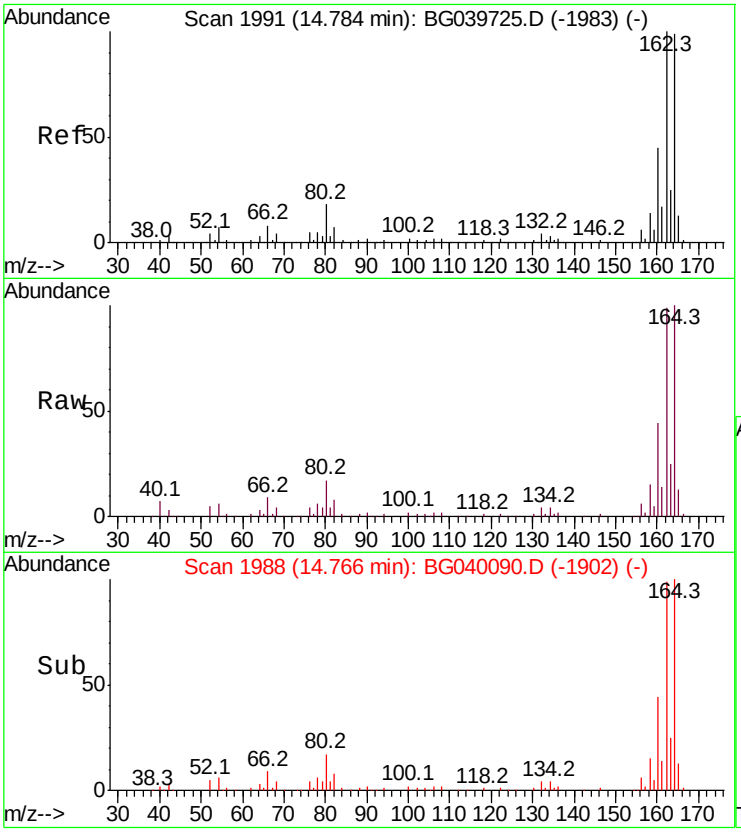




#24
Nitrobenzene
Concen: 0.278 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.07 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

Tgt Ion: 77 Resp: 1082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 0.0 | 34.1 | 51.1# |
| 65 | 26.7 | 12.3 | 18.5# |



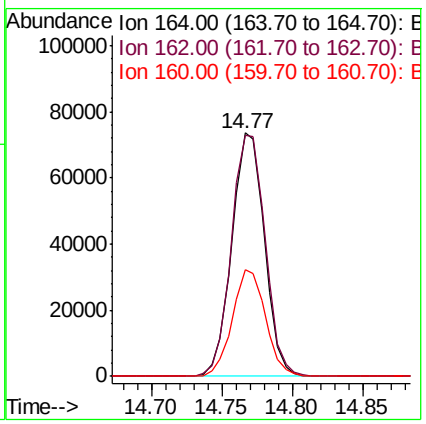


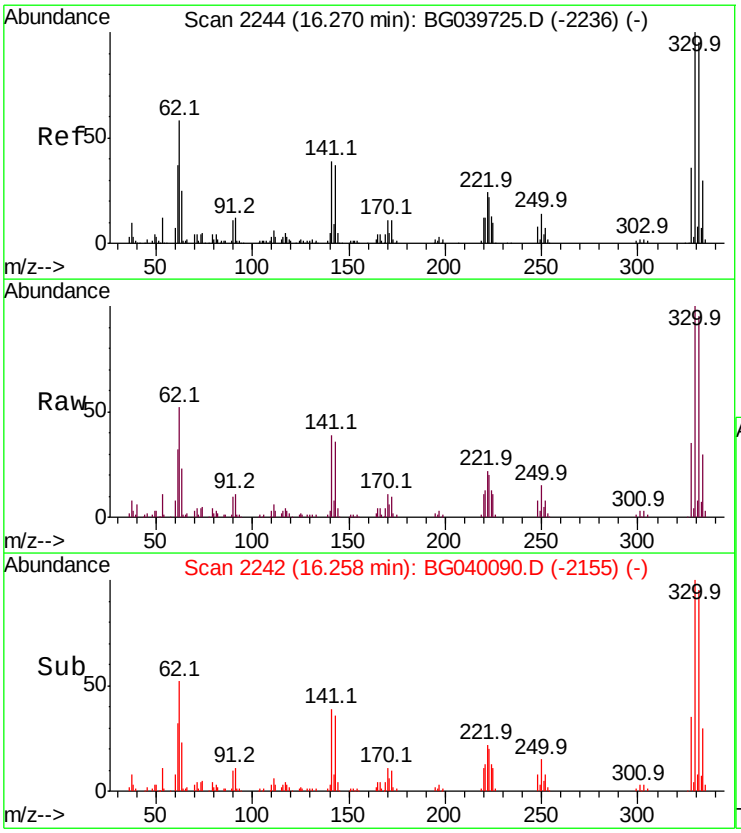

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

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

Tgt Ion:164 Resp: 118048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.2 | 81.6 | 122.4 |
| 160 | 43.8 | 34.2 | 51.2 |

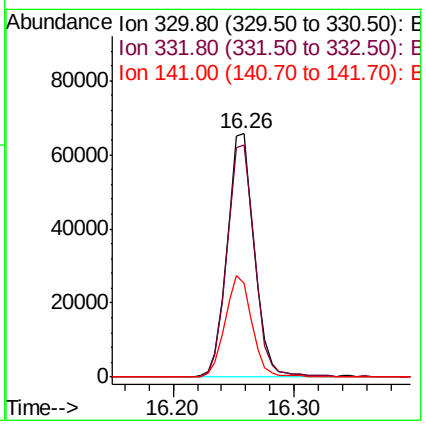


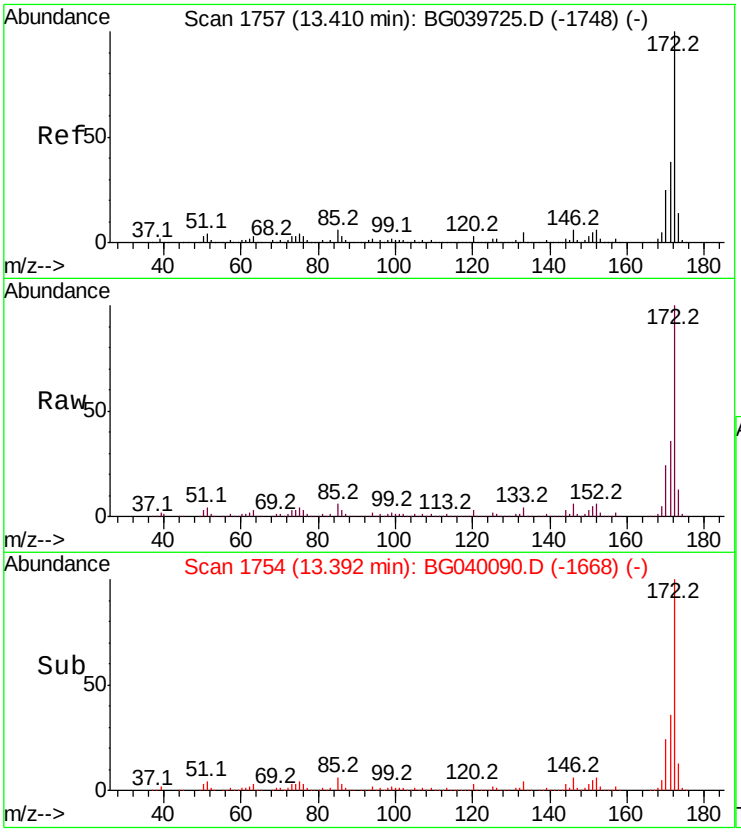




#42
2,4,6-Tribromophenol
Concen: 74.963 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.02 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

Tgt Ion:330 Resp: 103145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.0 | 75.7 | 113.5 |
| 141 | 41.1 | 35.6 | 53.4 |



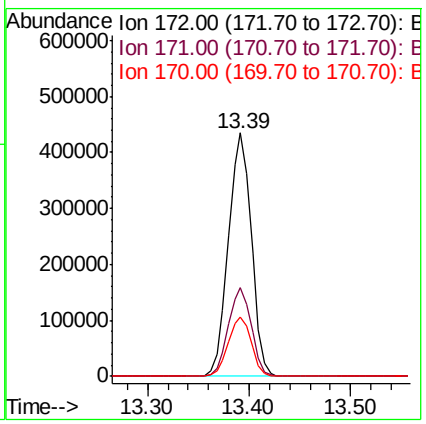


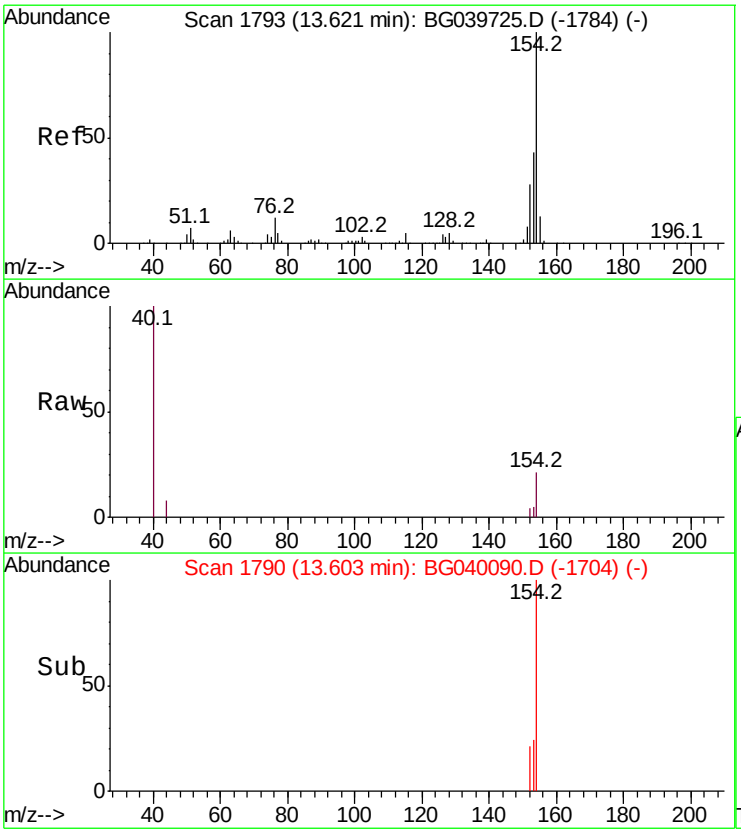

#45
2-Fluorobiphenyl
Concen: 82.321 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

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

Tgt Ion:172 Resp: 682514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.2 | 30.8 | 46.2 |
| 170 | 24.2 | 20.2 | 30.4 |

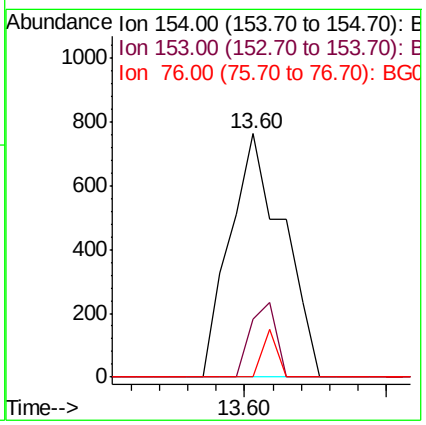


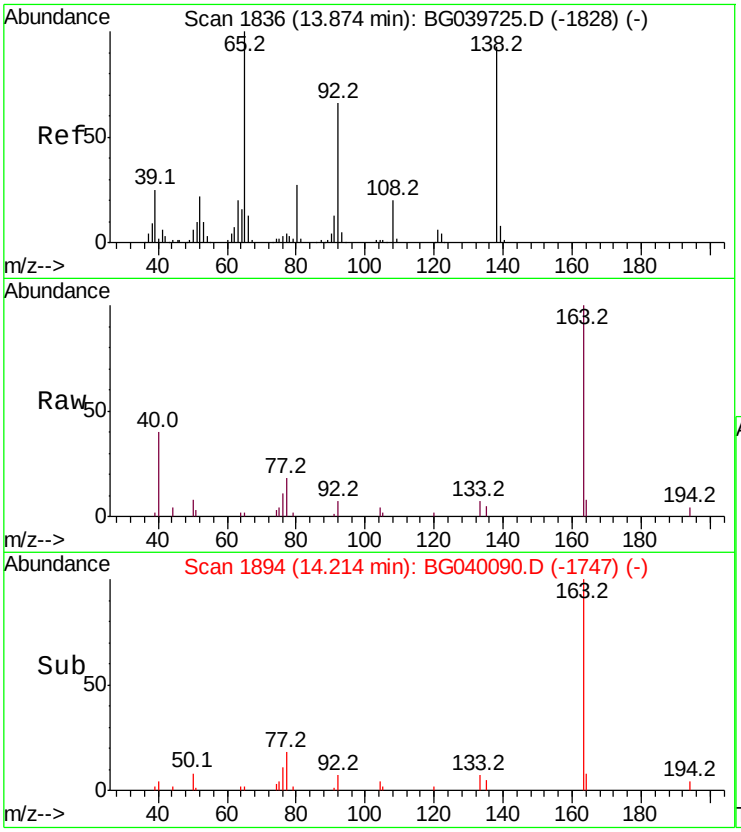




#46
1,1'-Biphenyl
Concen: 0.103 ng
RT: 13.60 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

Tgt Ion:154 Resp: 998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 24.1 | 22.1 | 62.1 |
| 76 | 0.0 | 0.0 | 32.4 |



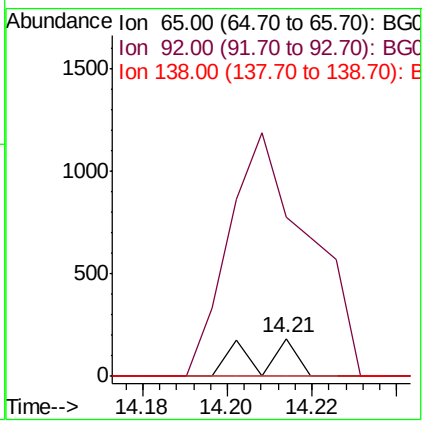


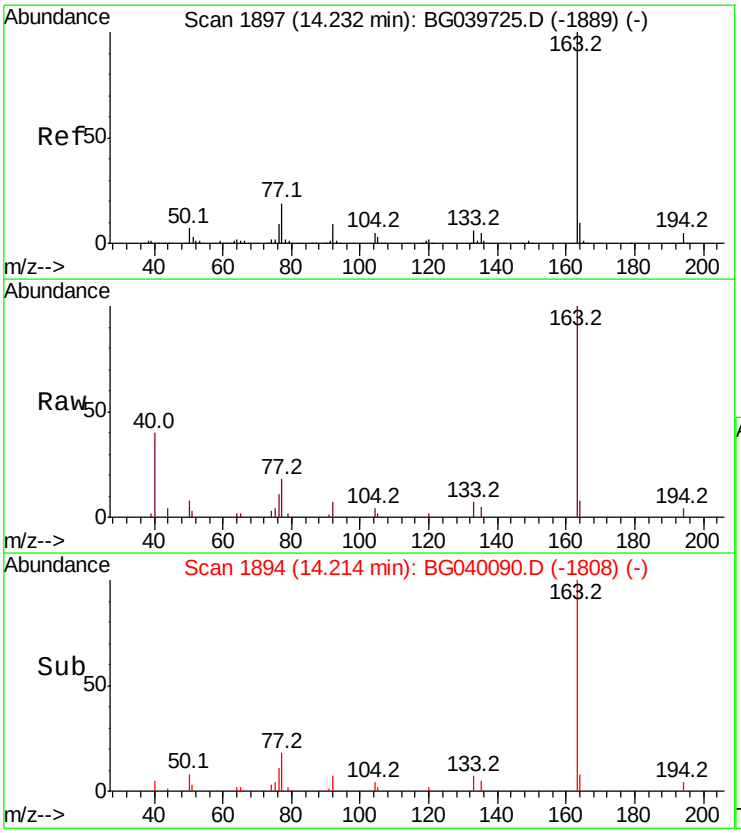

#48
2-Nitroaniline
Concen: 0.055 ng
RT: 14.21 min Scan# 1894
Delta R.T. 0.33 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

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

Tgt Ion: 65 Resp: 128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 420.0 | 51.4 | 77.2# |
| 138 | 0.0 | 71.4 | 107.2# |

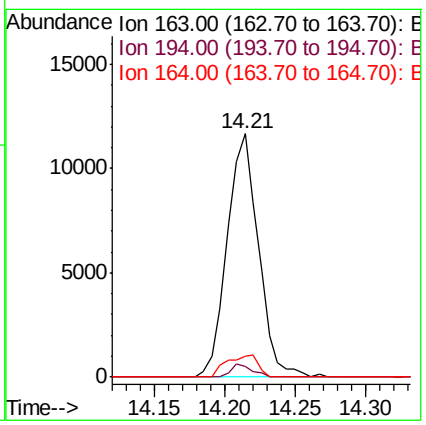


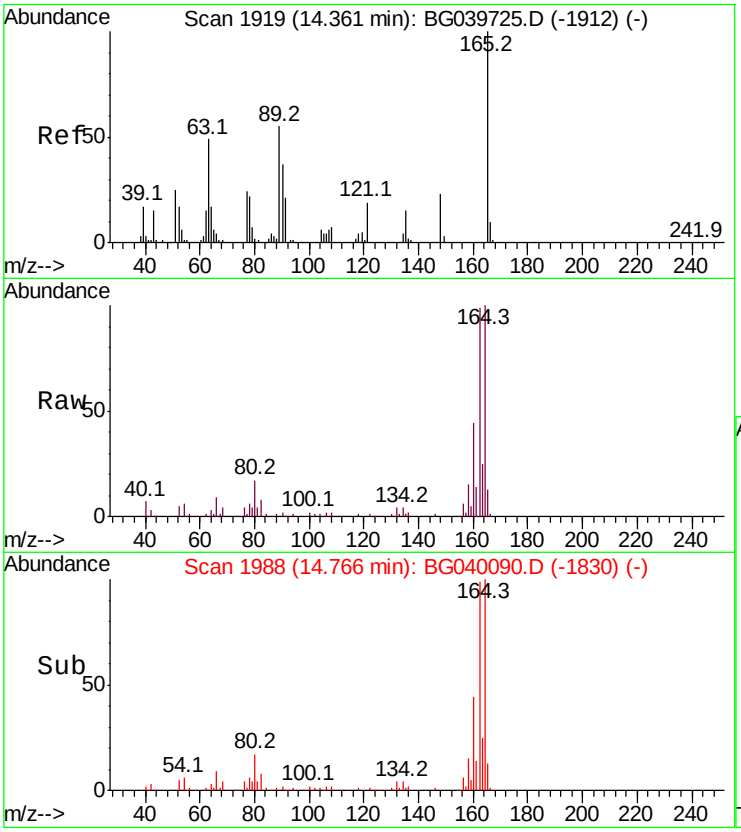




#50
Dimethylphthalate
Concen: 1.824 ng
RT: 14.21 min Scan# 1894
Delta R.T. -0.02 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

Tgt Ion:163 Resp: 18006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.5 | 3.6 | 5.4 |
| 164 | 8.5 | 8.4 | 12.6 |



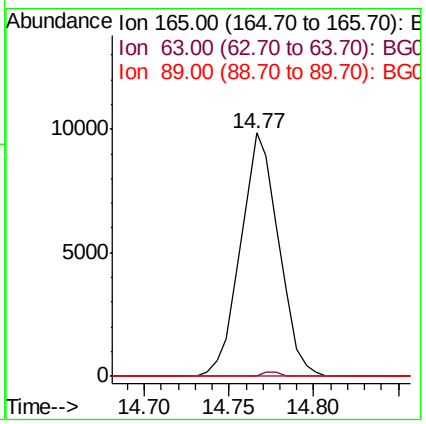


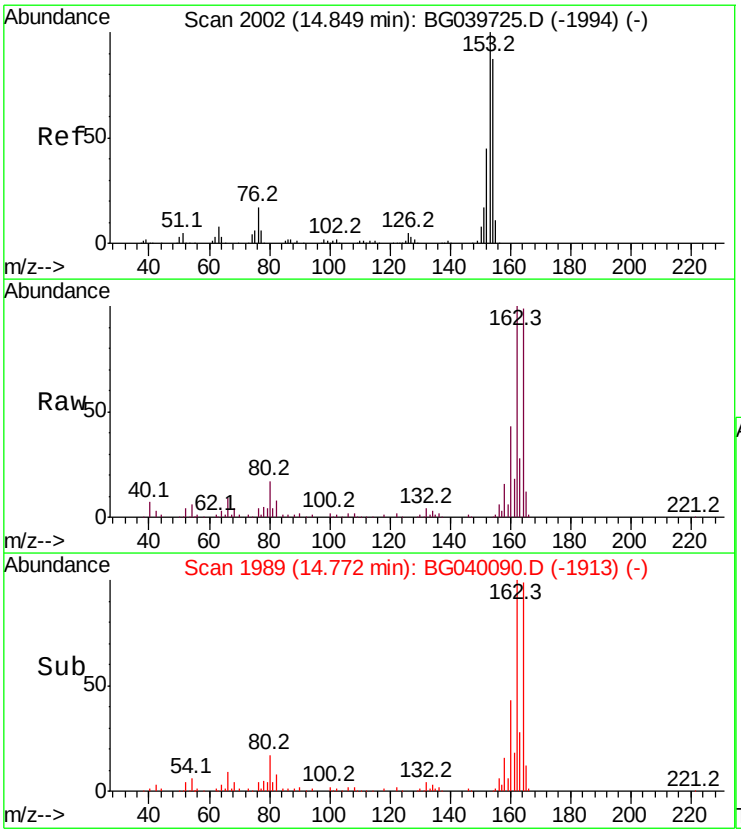

#51
2,6-Dinitrotoluene
Concen: 7.345 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.40 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

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

Tgt Ion:165 Resp: 15370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 47.0 | 70.6# |
| 89 | 0.0 | 45.8 | 68.8# |

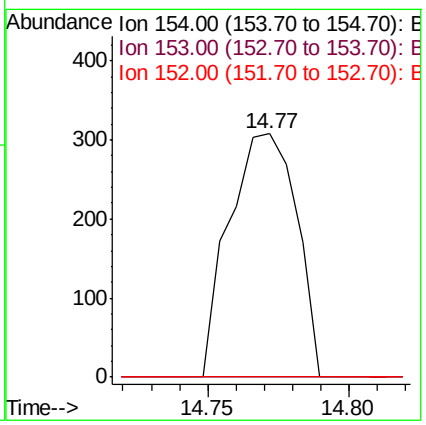


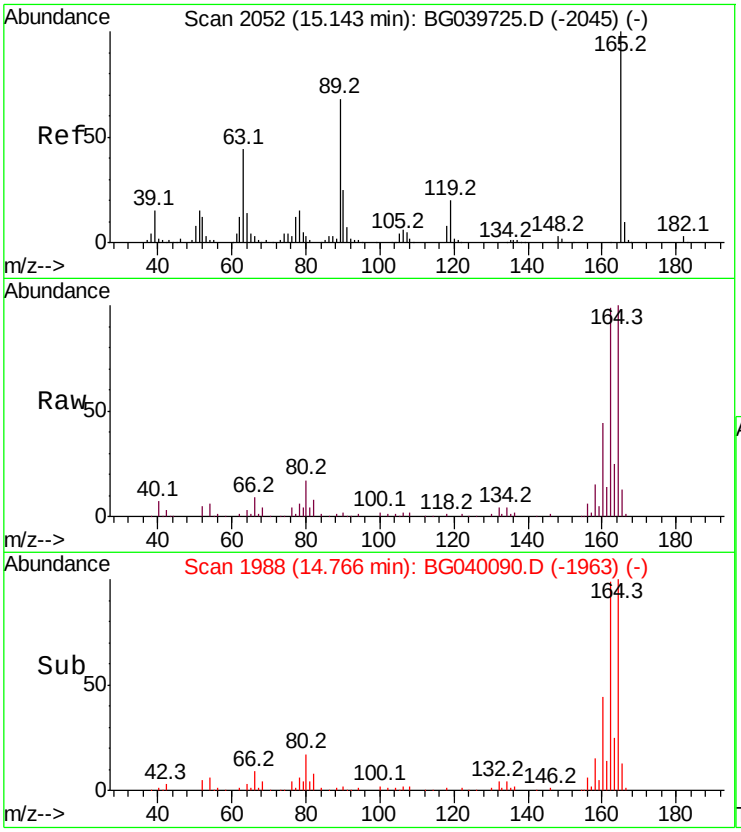




#52
Acenaphthene
Concen: 0.070 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.08 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

Tgt Ion:154 Resp: 508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 0.0 | 90.1 | 135.1# |
| 152 | 0.0 | 40.9 | 61.3# |



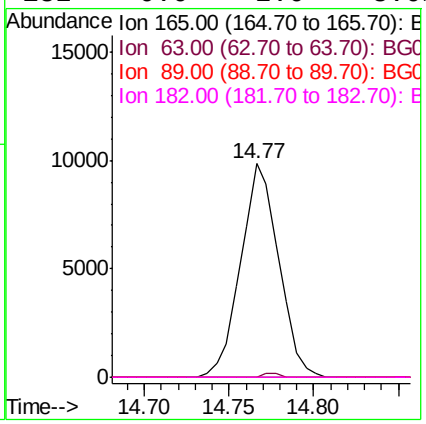


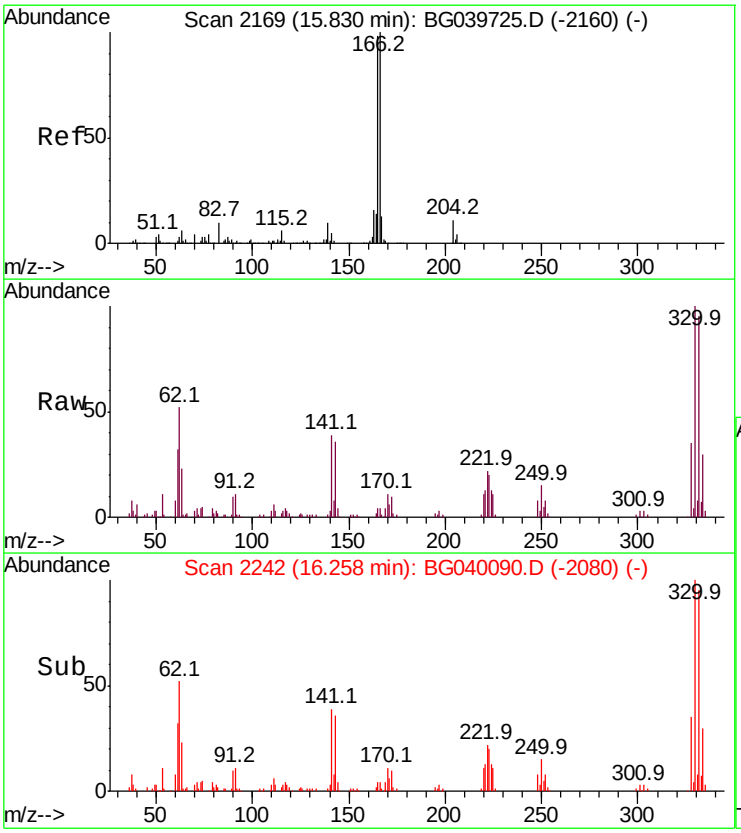

#57
2,4-Dinitrotoluene
Concen: 5.227 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.38 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

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

Tgt Ion:165 Resp: 15370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 41.0 | 61.6# |
| 89 | 0.0 | 64.6 | 96.8# |
| 182 | 0.0 | 2.0 | 3.0# |

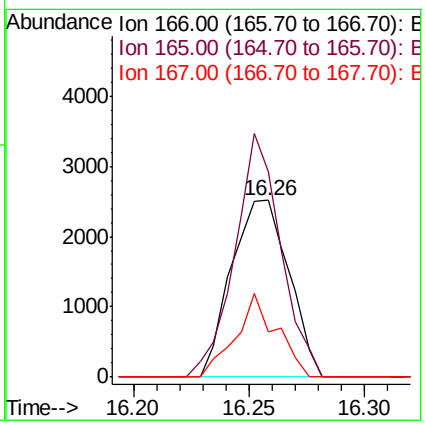


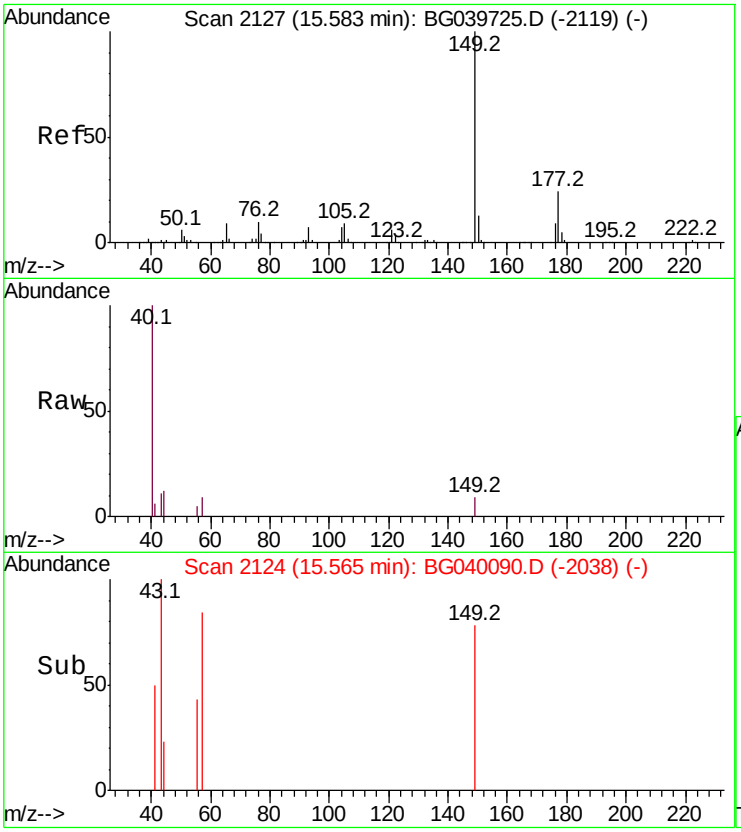




#58
Fluorene
Concen: 0.468 ng
RT: 16.26 min Scan# 2242
Delta R.T. 0.42 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

Tgt Ion:166 Resp: 4354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 116.4 | 77.9 | 116.9 |
| 167 | 25.8 | 10.8 | 16.2# |



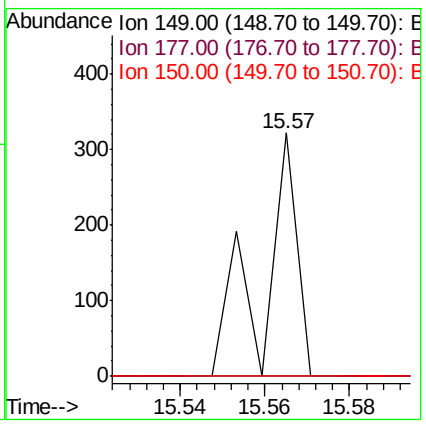


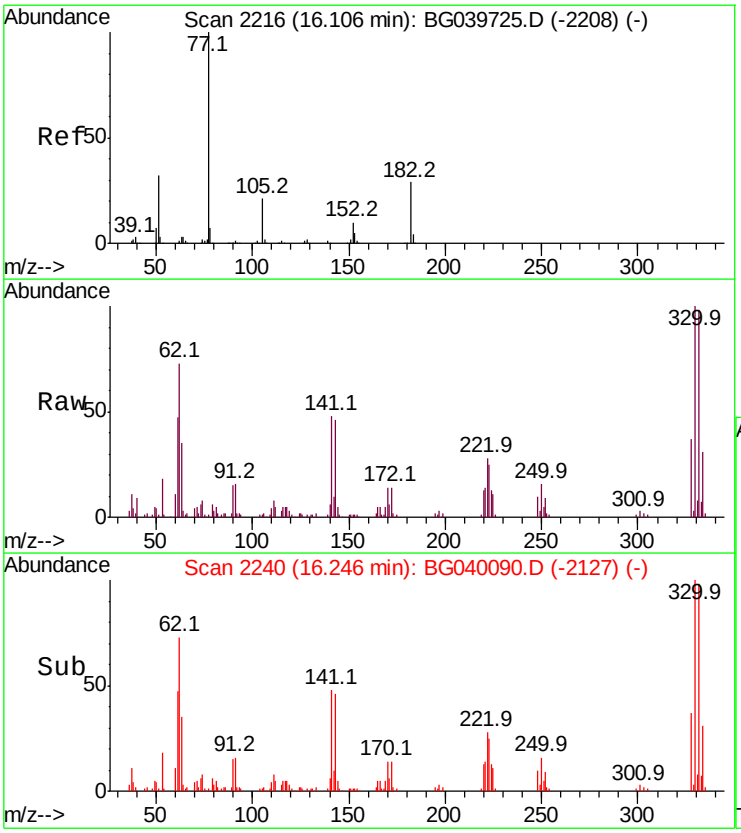

#60
Diethylphthalate
Concen: 0.019 ng
RT: 15.57 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

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

Tgt Ion:149 Resp: 181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 0.0 | 18.3 | 27.5# |
| 150 | 0.0 | 10.2 | 15.2# |

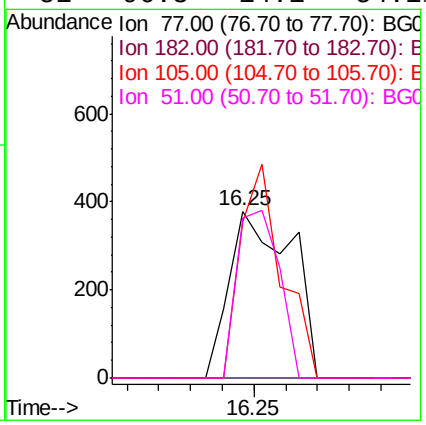


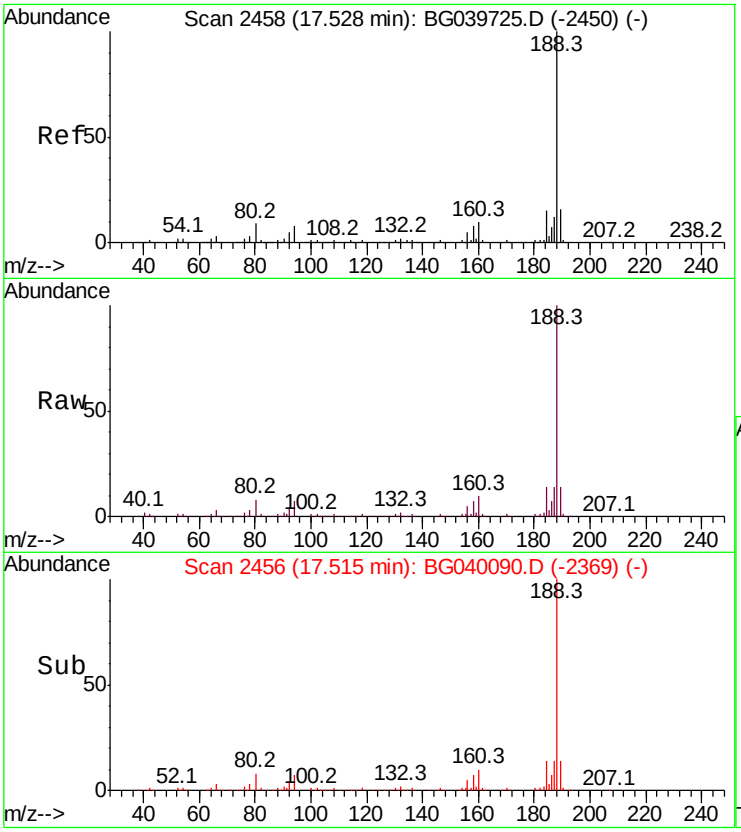




#63
Azobenzene
Concen: 0.058 ng
RT: 16.25 min Scan# 2240
Delta R.T. 0.13 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

Tgt Ion: 77 Resp: 513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 0.0 | 6.4 | 46.4# |
| 105 | 93.9 | 0.0 | 39.8# |
| 51 | 96.3 | 14.1 | 54.1# |



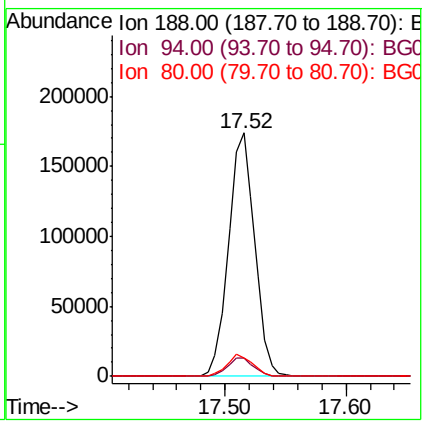


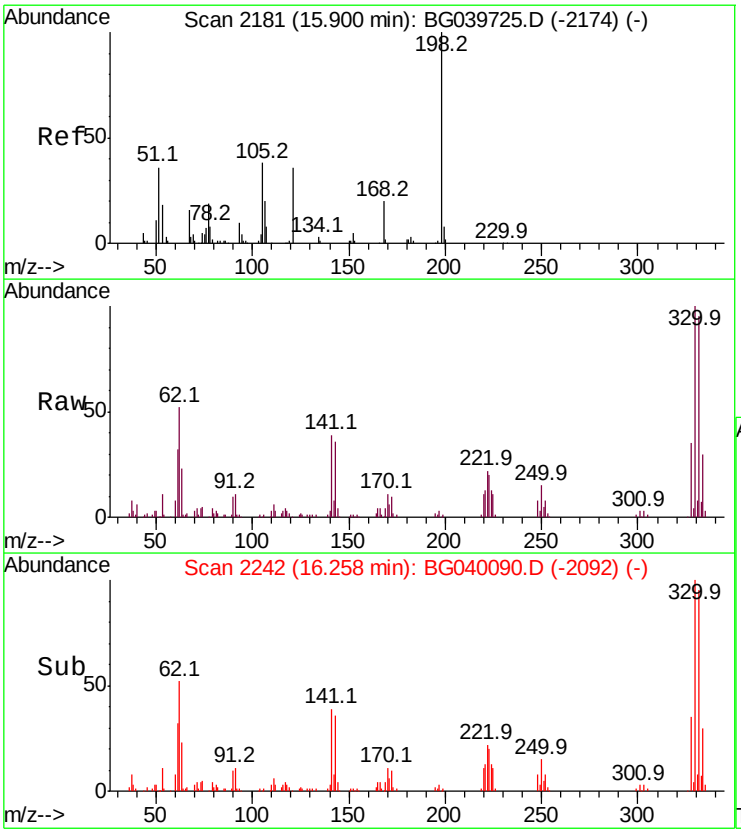

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

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

Tgt Ion:188 Resp: 261977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.3 | 6.9 | 10.3 |
| 80 | 7.7 | 8.1 | 12.1# |

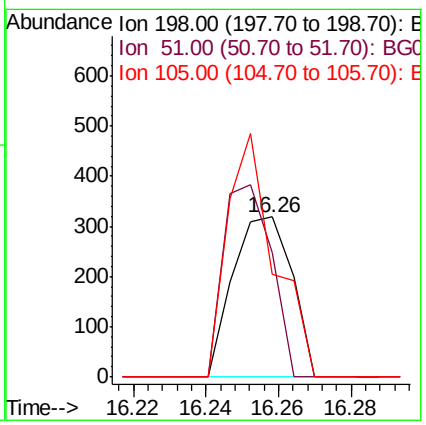


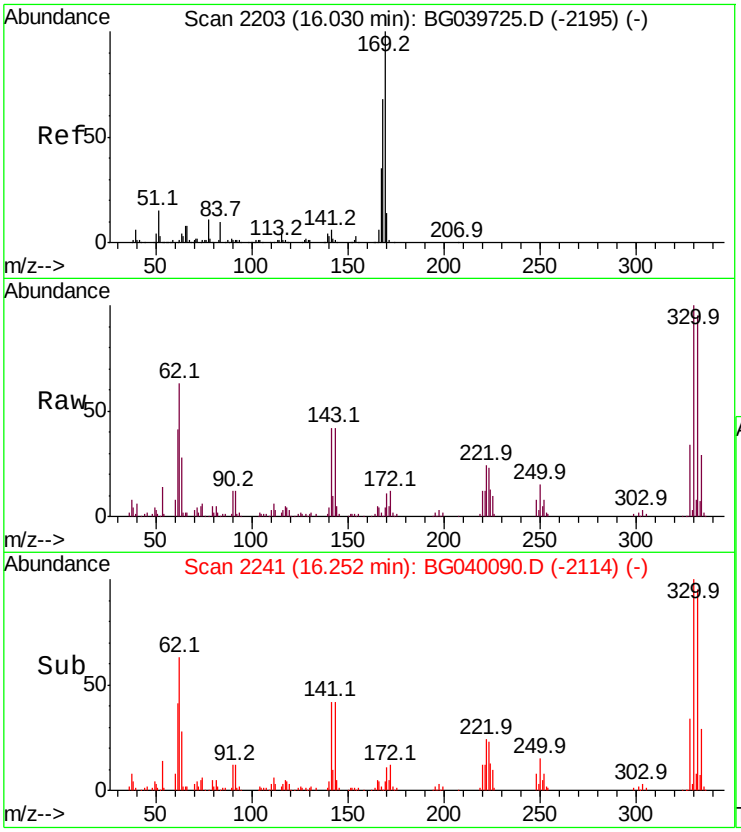




#65
4,6-Dinitro-2-methylphenol
Concen: 0.231 ng
RT: 16.26 min Scan# 2242
Delta R.T. 0.35 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

Tgt Ion:198 Resp: 358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 78.1 | 27.4 | 67.4# |
| 105 | 64.3 | 19.7 | 59.7# |



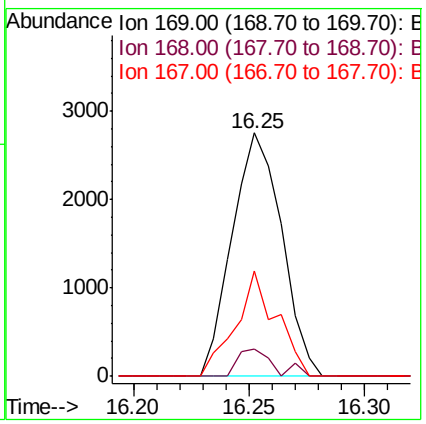


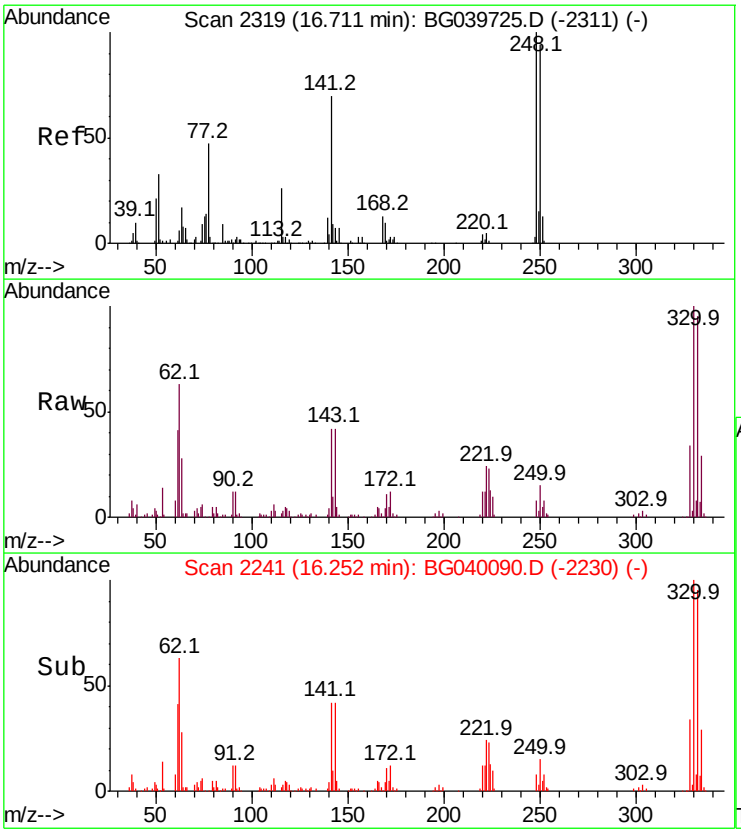

#66
n-Nitrosodiphenylamine
Concen: 0.543 ng
RT: 16.25 min Scan# 2241
Delta R.T. 0.22 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

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

Tgt Ion:169 Resp: 4118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 11.1 | 56.6 | 85.0# |
| 167 | 43.2 | 28.8 | 43.2 |

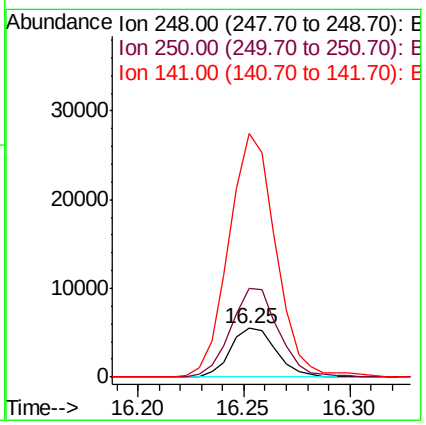


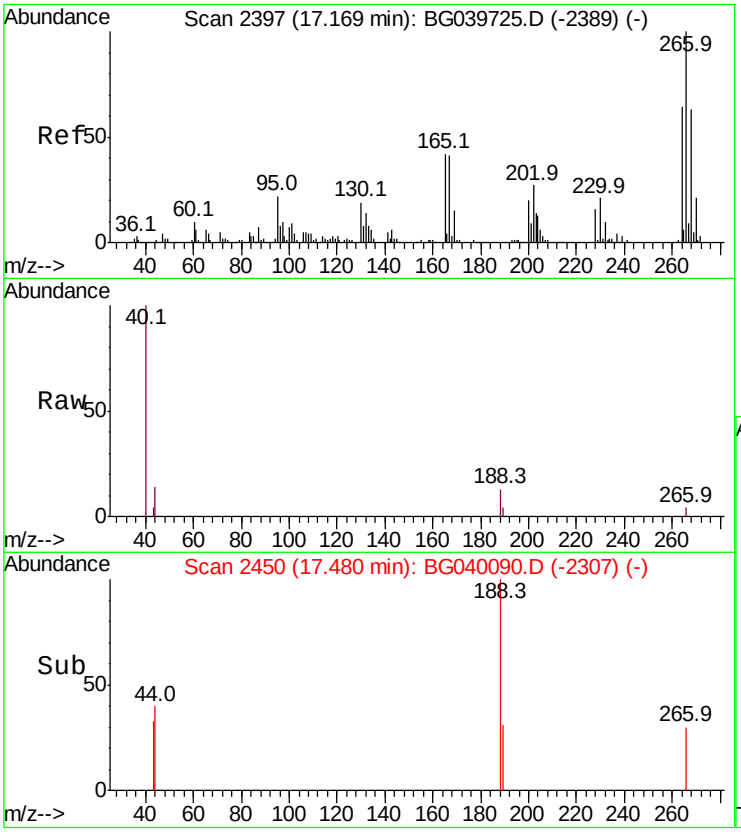




#67
4-Bromophenyl-phenylether
Concen: 2.780 ng
RT: 16.25 min Scan# 2241
Delta R.T. -0.47 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

Tgt Ion:248 Resp: 8151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 182.7 | 77.6 | 116.4# |
| 141 | 502.5 | 63.9 | 95.9# |



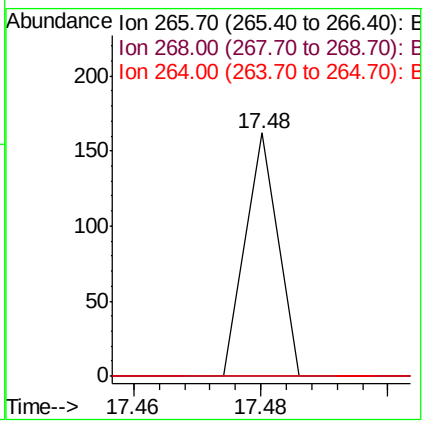


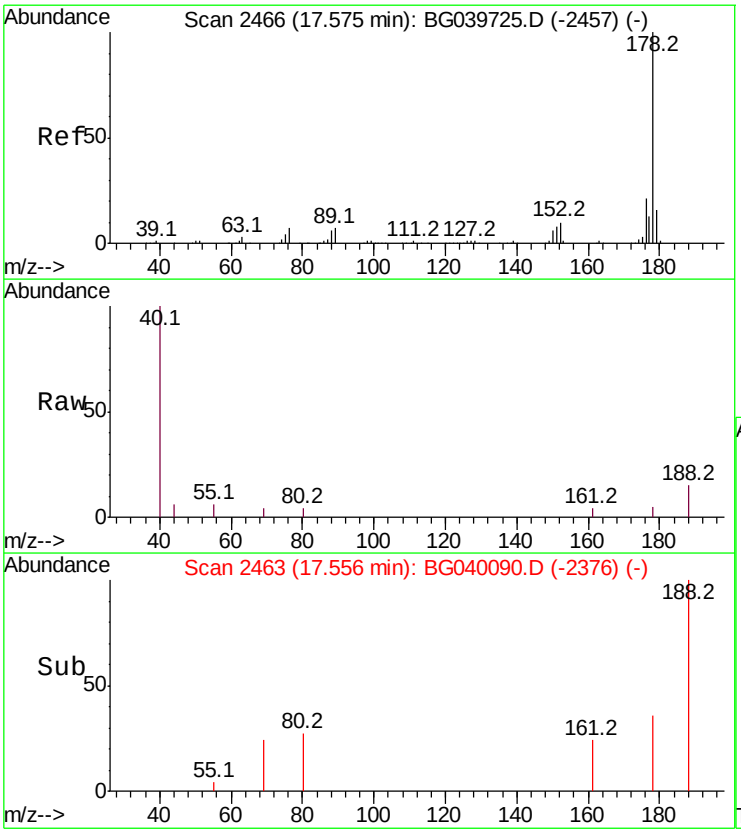

#70
Pentachlorophenol
Concen: 0.030 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.31 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

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

Tgt Ion:266 Resp: 57

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 0.0 | 51.1 | 76.7# |
| 264 | 0.0 | 52.1 | 78.1# |

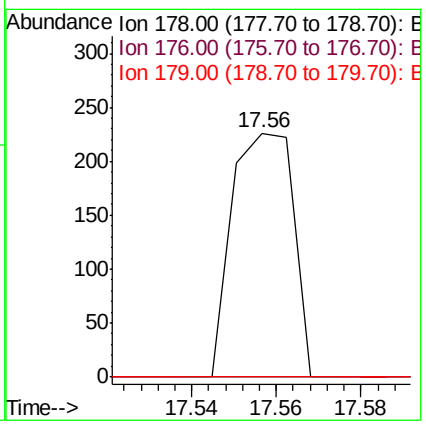


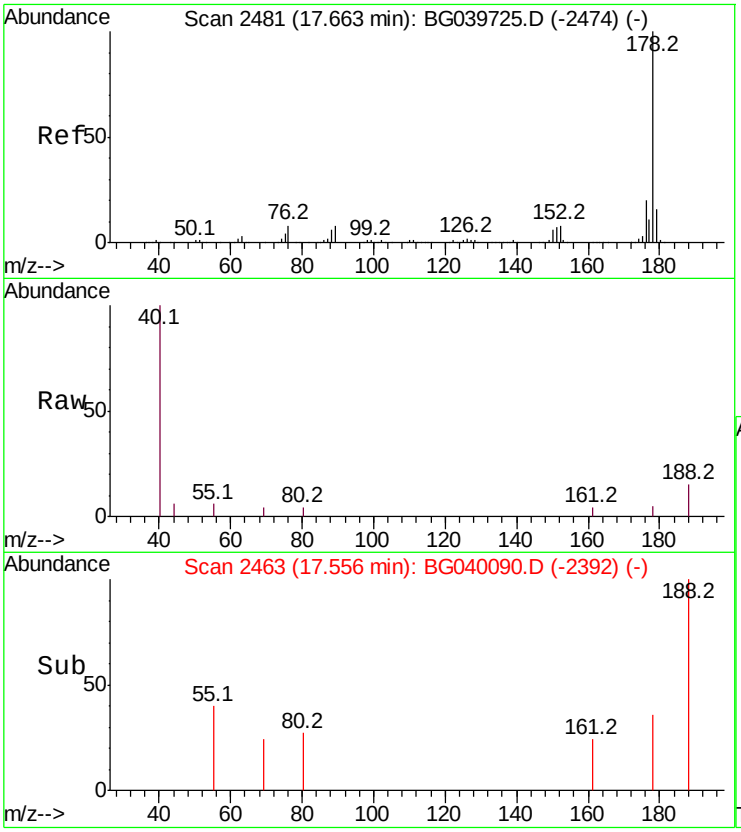




#71
Phenanthrene
Concen: 0.016 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

Tgt Ion:178 Resp: 228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 0.0 | 16.2 | 24.4# |
| 179 | 0.0 | 12.6 | 19.0# |



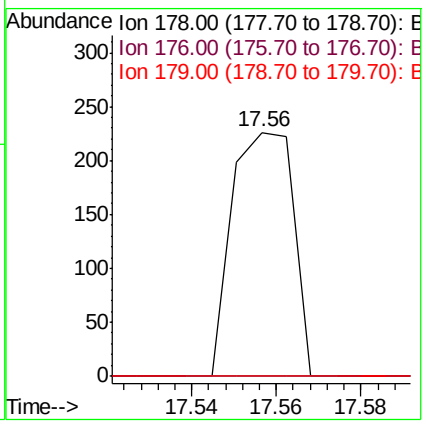


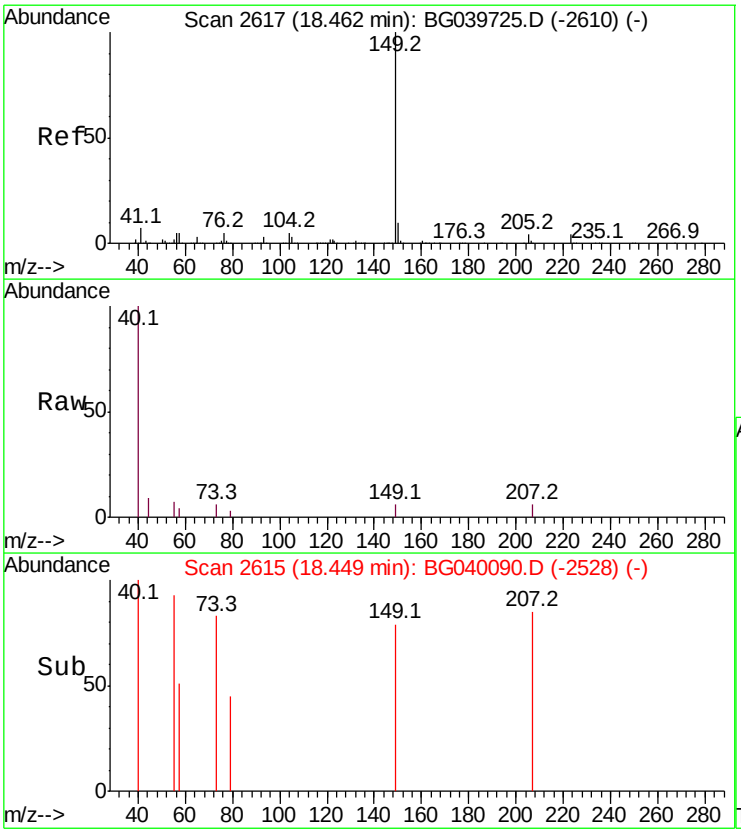

#72
Anthracene
Concen: 0.016 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.11 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

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

Tgt Ion:178 Resp: 228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 0.0 | 15.8 | 23.6# |
| 179 | 0.0 | 12.5 | 18.7# |

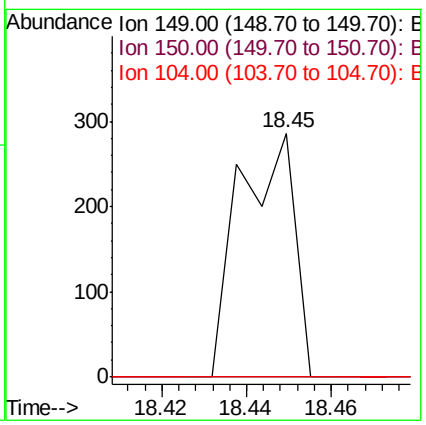


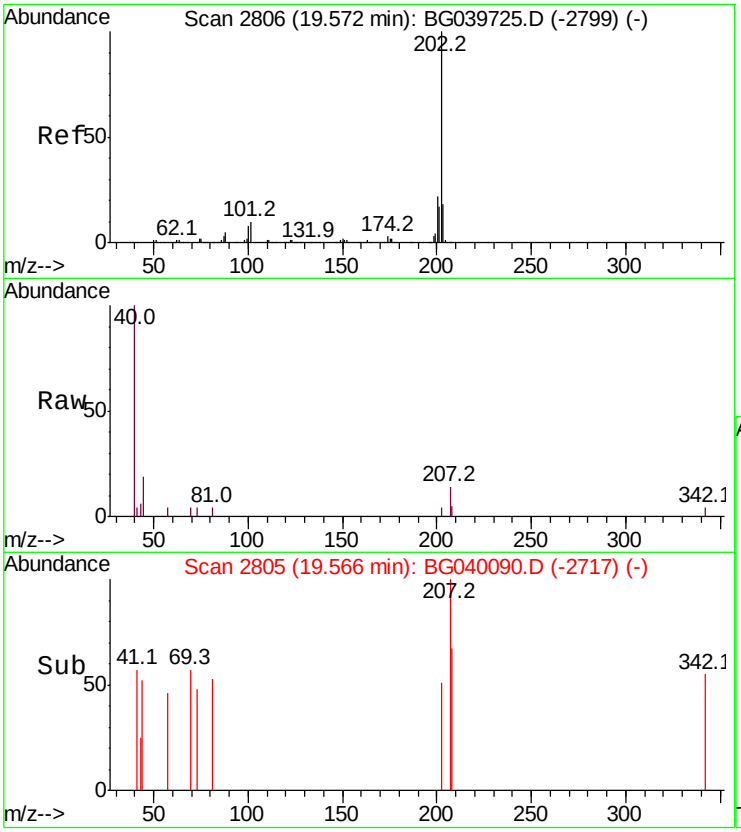




#74
Di-n-butylphthalate
Concen: 0.017 ng
RT: 18.45 min Scan# 2615
Delta R.T. -0.02 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

Tgt Ion:149 Resp: 259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 0.0 | 7.7 | 11.5# |
| 104 | 0.0 | 4.5 | 6.7# |



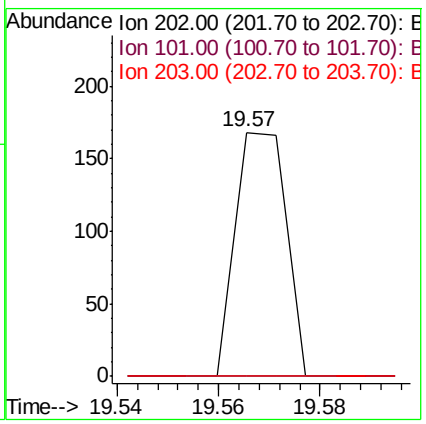


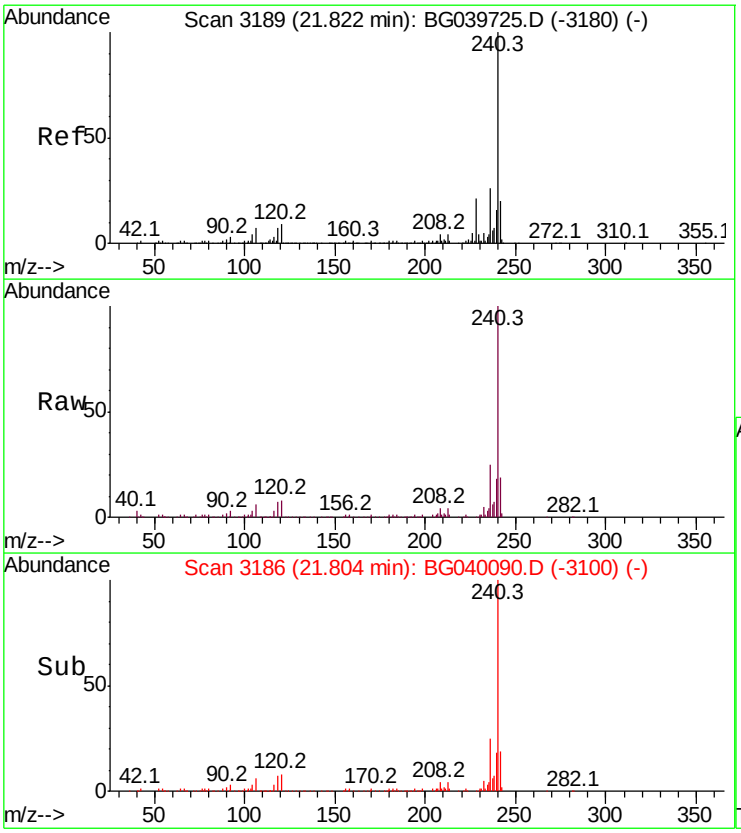

#75
Fluoranthene
Concen: 0.007 ng
RT: 19.57 min Scan# 2805
Delta R.T. -0.01 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

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

Tgt Ion:202 Resp: 118

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

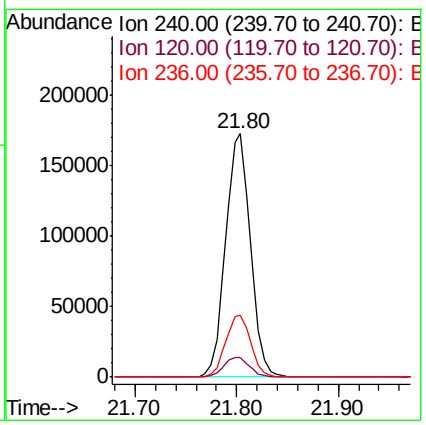


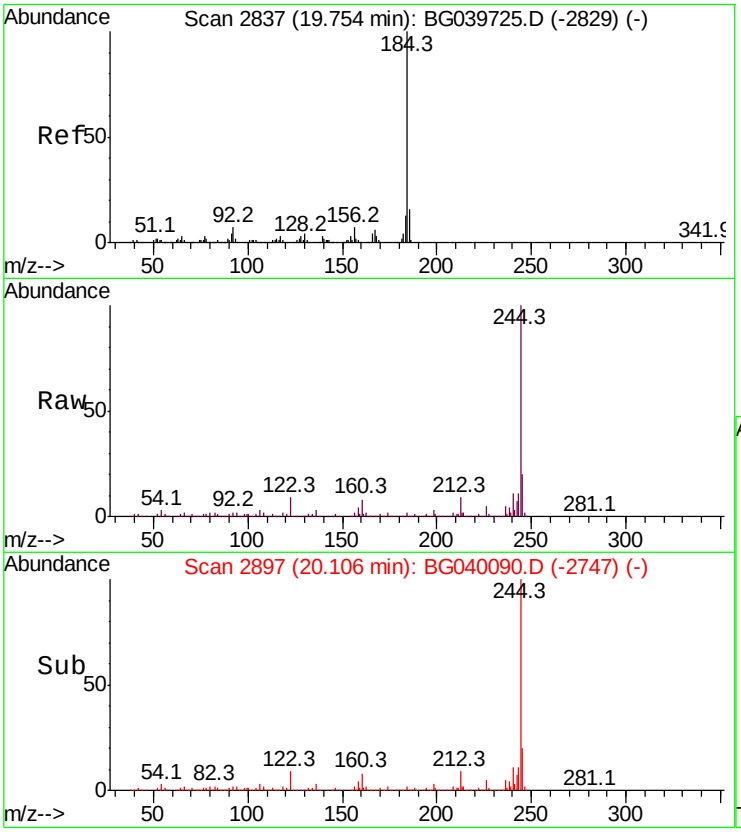




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

Tgt Ion:240 Resp: 292857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.9 | 7.0 | 10.6 |
| 236 | 25.5 | 21.0 | 31.4 |



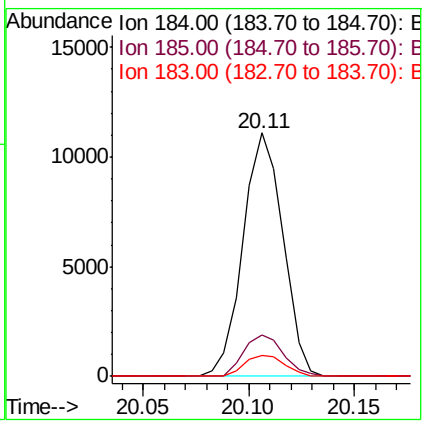


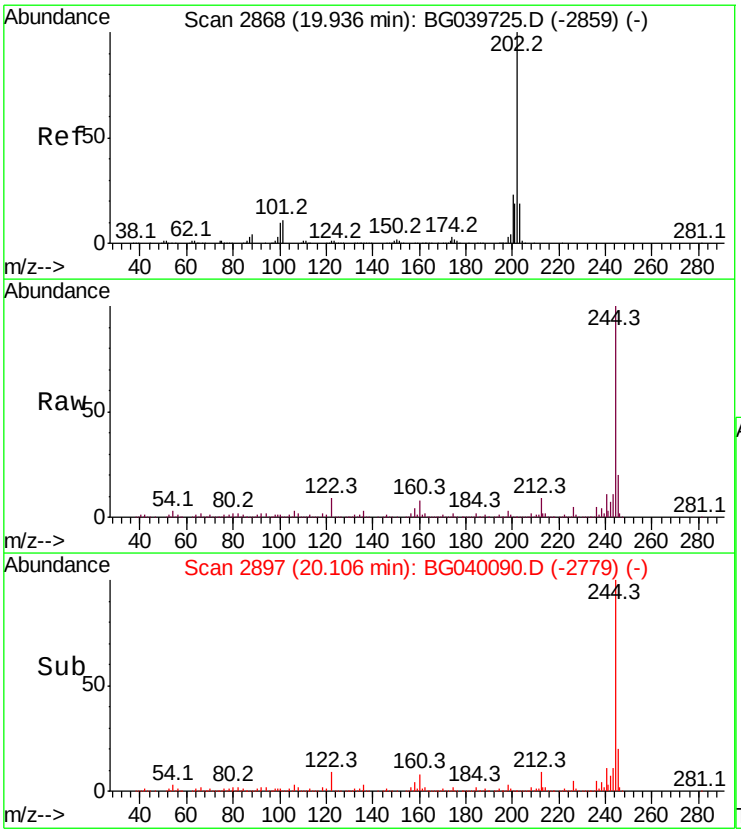

#77
Benzidine
Concen: 1.569 ng
RT: 20.11 min Scan# 2897
Delta R.T. 0.35 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

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

Tgt Ion:184 Resp: 14584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 17.1 | 12.2 | 18.2 |
| 183 | 8.5 | 10.6 | 15.8# |

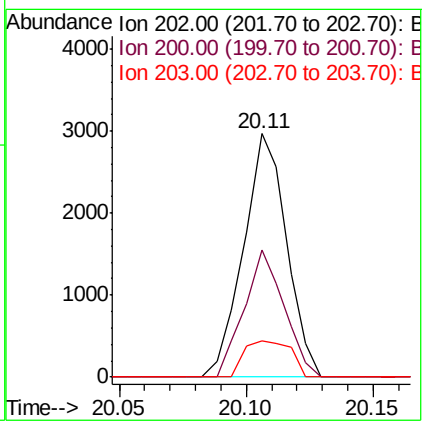


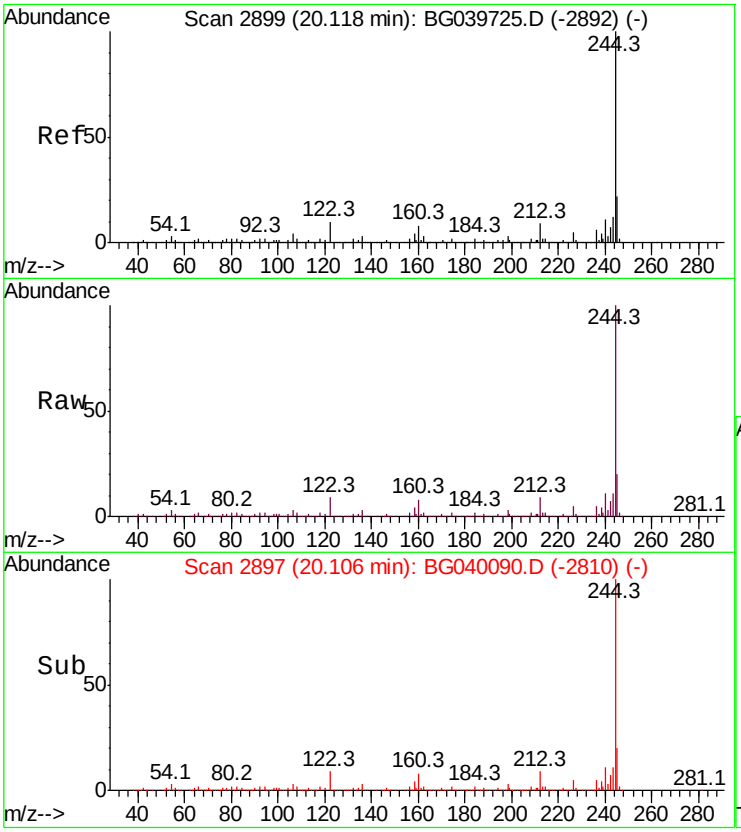




#78
Pyrene
Concen: 0.185 ng
RT: 20.11 min Scan# 2897
Delta R.T. 0.16 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

Tgt Ion:202 Resp: 3524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 52.1 | 17.8 | 26.8# |
| 203 | 14.9 | 15.3 | 22.9# |



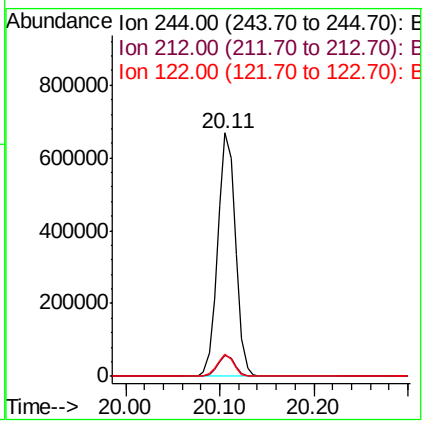


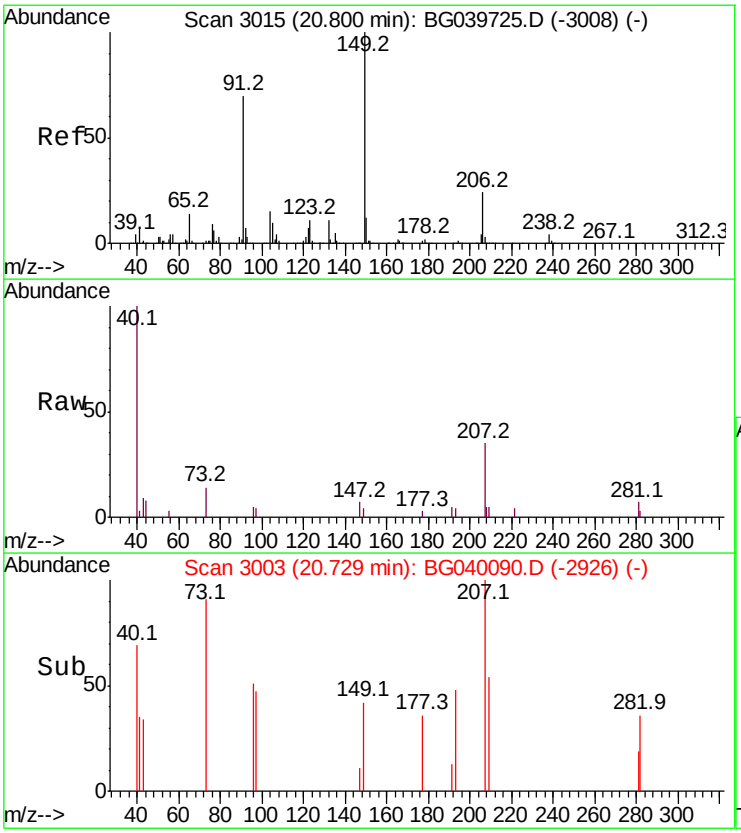

#79
Terphenyl-d14
Concen: 66.222 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

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

Tgt Ion:244 Resp: 880808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.6 | 7.3 | 10.9 |
| 122 | 9.3 | 8.4 | 12.6 |

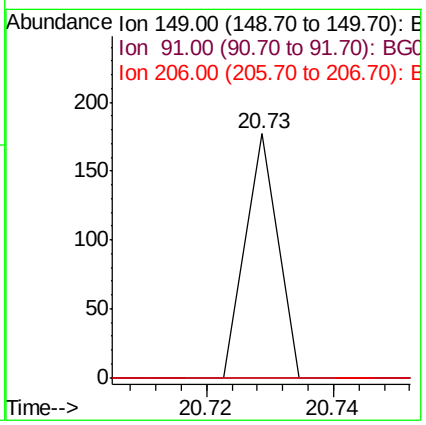


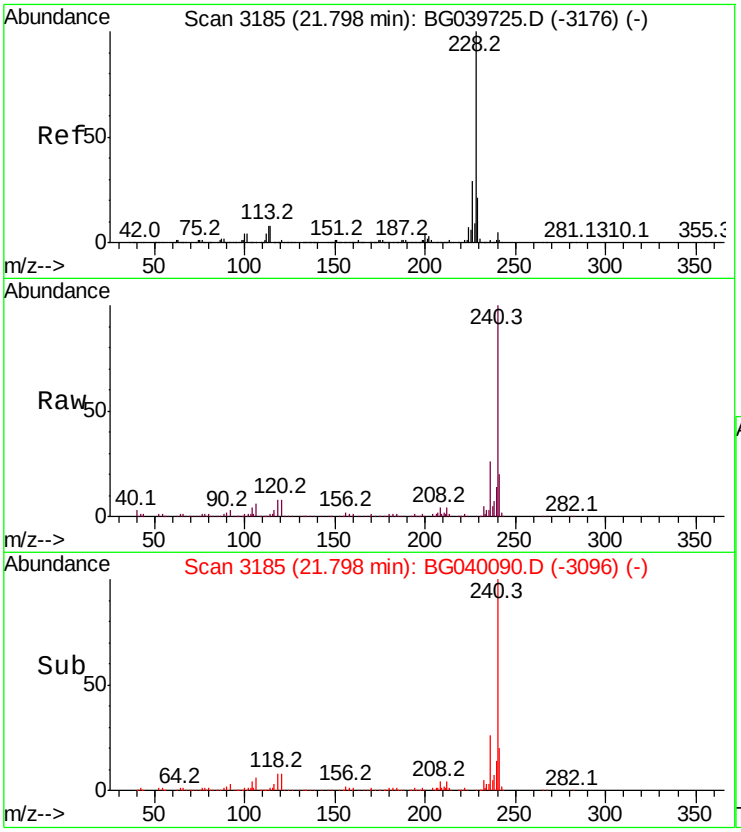




#80
Butylbenzylphthalate
Concen: 0.008 ng
RT: 20.73 min Scan# 3003
Delta R.T. -0.08 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

Tgt Ion:149 Resp: 62

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 0.0 | 59.5 | 89.3# |
| 206 | 0.0 | 18.6 | 27.8# |



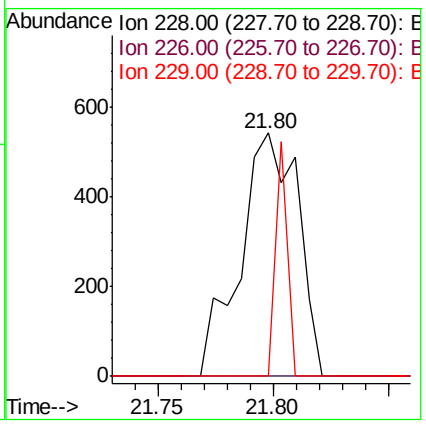


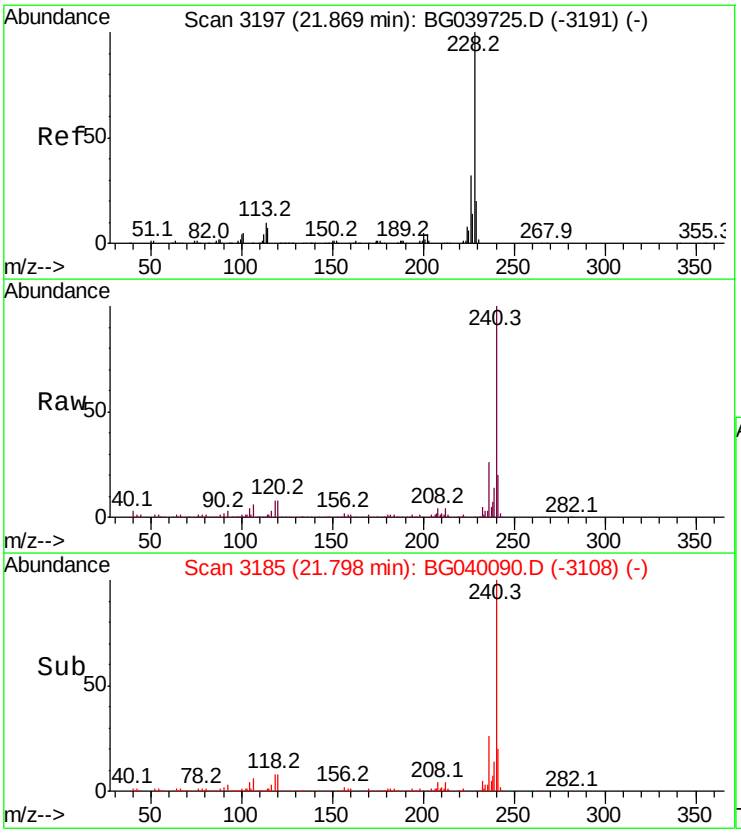

#81
Benzo(a)anthracene
Concen: 0.051 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.01 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

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

Tgt Ion:228 Resp: 941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 0.0 | 23.0 | 34.6# |
| 229 | 0.0 | 16.9 | 25.3# |

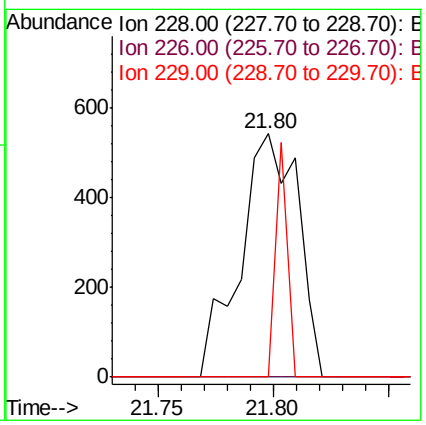


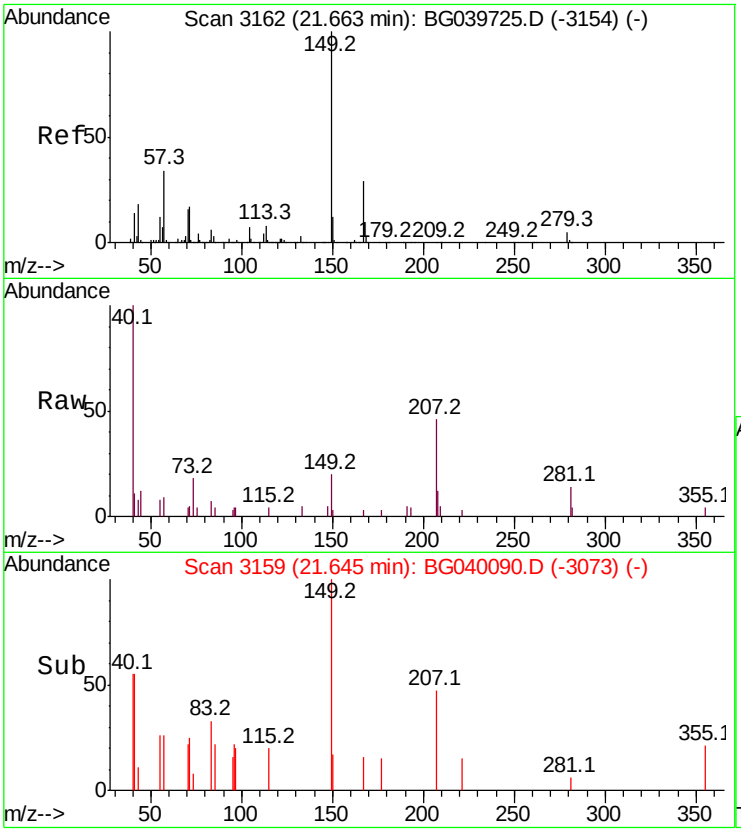




#83
Chrysene
Concen: 0.053 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.08 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

Tgt Ion:228 Resp: 941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 0.0 | 25.8 | 38.6# |
| 229 | 0.0 | 16.6 | 25.0# |



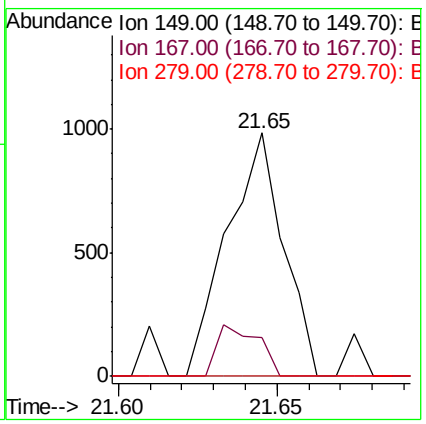


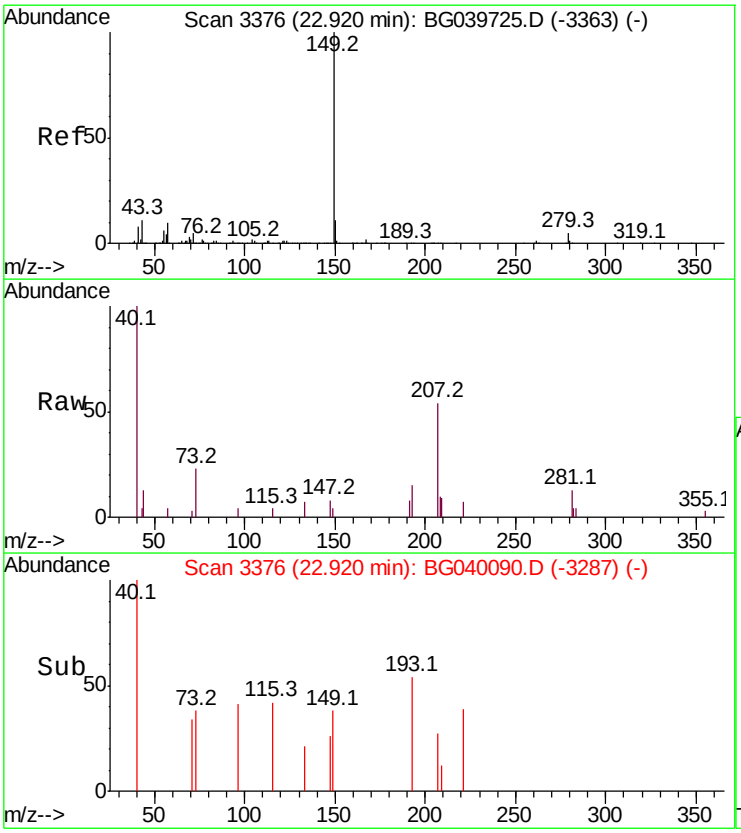

#84
Bis(2-ethylhexyl)phthalate
Concen: 0.117 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.02 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

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

Tgt Ion:149 Resp: 1213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 16.1 | 22.6 | 34.0# |
| 279 | 0.0 | 3.5 | 5.3# |

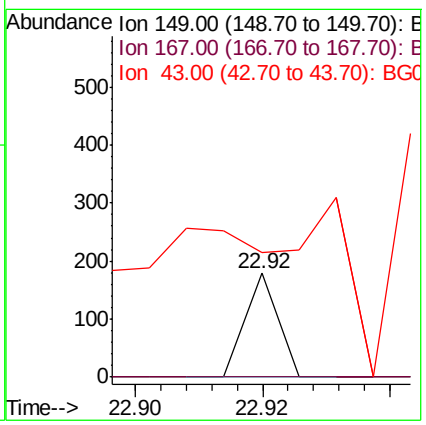


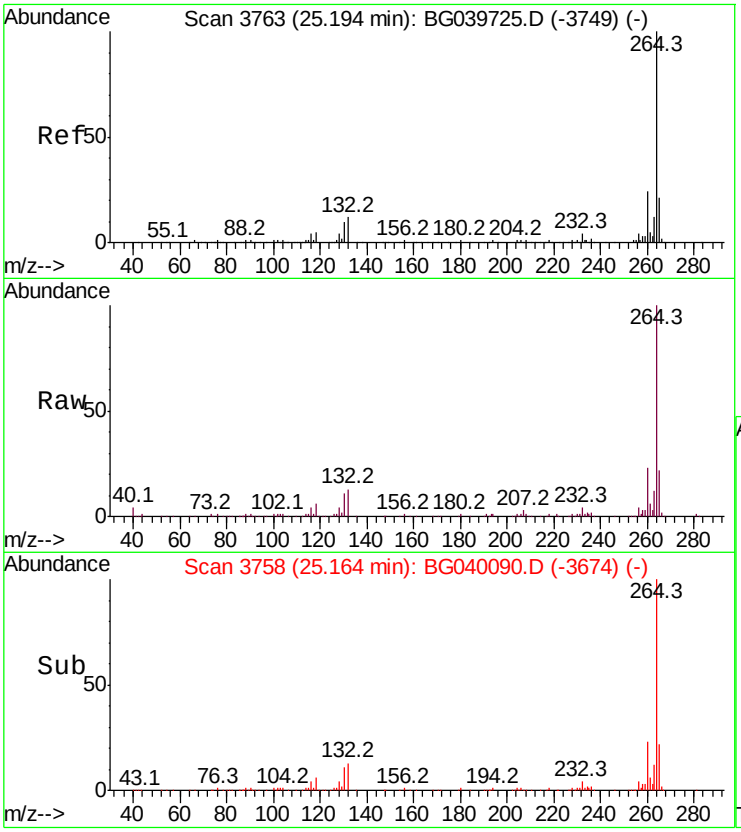




#85
Di-n-octyl phthalate
Concen: 0.004 ng
RT: 22.92 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

Tgt Ion:149 Resp: 63

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 0.0 | 1.3 | 1.9# |
| 43 | 0.0 | 10.2 | 15.4# |



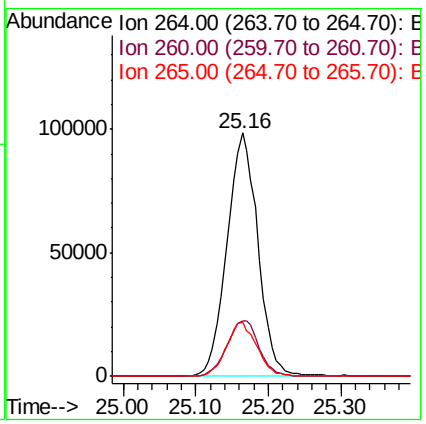


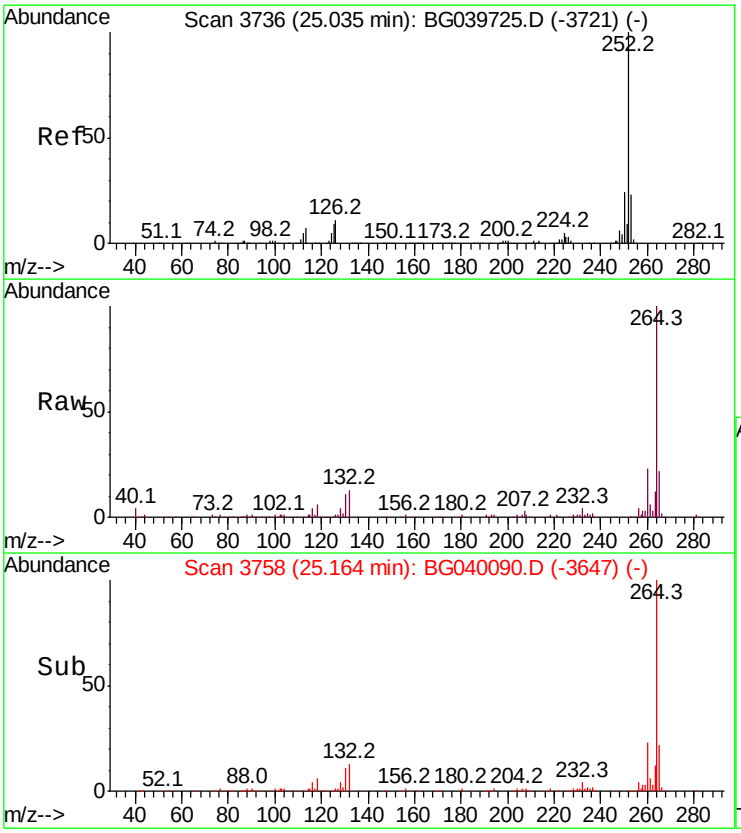

#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3758
Delta R.T. -0.04 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

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

Tgt Ion:264 Resp: 290887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.7 | 18.2 | 27.4 |
| 265 | 22.4 | 18.5 | 27.7 |




#90
Benzo(a)pyrene
Concen: 0.046 ng
RT: 25.16 min Scan# 3758
Delta R.T. 0.12 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

Tgt Ion:252 Resp: 734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 53.8 | 17.9 | 26.9# |
| 125 | 0.0 | 8.3 | 12.5# |