Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032119\
Data File : BG040074.D
Acq On : 21 Mar 2019 20:30
Operator : JU/SJ
Sample : K1694-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** EO-02-032019-C

Quant Time: Mar 22 01:35:20 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 | 8.14 | 152 | 40038 | 20.00 | ng | -0.03 |
| 21) Naphthalene-d8 | 10.96 | 136 | 174520 | 20.00 | ng | -0.03 |
| 39) Acenaphthene-d10 | 14.77 | 164 | 123072 | 20.00 | ng | -0.02 |
| 64) Phenanthrene-d10 | 17.52 | 188 | 311360 | 20.00 | ng | -0.02 |
| 76) Chrysene-d12 | 21.80 | 240 | 311180 | 20.00 | ng | -0.03 |
| 87) Perylene-d12 | 25.16 | 264 | 308349 | 20.00 | ng | -0.04 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.69 | 112 | 294515 | 125.49 | ng | -0.02 |
| 7) Phenol-d6 | 7.29 | 99 | 387100 | 110.62 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 9.32 | 82 | 286979 | 88.94 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 16.26 | 330 | 190893 | 133.07 | ng | -0.02 |
| 45) 2-Fluorobiphenyl | 13.39 | 172 | 730376 | 84.50 | ng | -0.02 |
| 79) Terphenyl-d14 | 20.11 | 244 | 1226528 | 86.79 | ng | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.28 | 88 | 3409 | 3.146 | ng | # 1 |
| 4) n-Nitrosodimethylamine | 3.88 | 42 | 500 | 0.363 | ng | # 1 |
| 6) Aniline | 7.67 | 93 | 410 | 0.089 | ng | # 1 |
| 9) Benzaldehyde | 7.29 | 77 | 775 | 0.343 | ng | # 4 |
| 10) Phenol | 7.68 | 94 | 778 | 0.205 | ng | # 1 |
| 11) bis(2-Chloroethyl)ether | 7.67 | 93 | 410 | 0.139 | ng | # 1 |
| 12) 1,3-Dichlorobenzene | 8.19 | 146 | 64 | 0.020 | ng | # 25 |
| 13) 1,4-Dichlorobenzene | 8.19 | 146 | 64 | 0.020 | ng | # 25 |
| 14) 1,2-Dichlorobenzene | 8.19 | 146 | 64 | 0.020 | ng | # 24 |
| 15) Benzyl Alcohol | 8.46 | 79 | 4276 | 1.540 | ng | # 55 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.66 | 45 | 214 | 0.036 | ng | 75 |
| 19) n-Nitroso-di-n-propylamine | 9.32 | 70 | 36969 | 14.678 | ng | # 69 |
| 22) Acetophenone | 8.98 | 105 | 319 | 0.068 | ng | # 44 |
| 24) Nitrobenzene | 9.32 | 77 | 1023 | 0.302 | ng | # 45 |
| 31) Naphthalene | 11.00 | 128 | 406 | 0.044 | ng | # 69 |
| 37) 2-Methylnaphthalene | 12.61 | 142 | 211 | 0.031 | ng | # 61 |
| 38) 1-Methylnaphthalene | 12.82 | 142 | 184 | 0.027 | ng | # 7 |
| 43) 2,4,6-Trichlorophenol | 13.00 | 196 | 64 | 0.026 | ng | # 10 |
| 44) 2,4,5-Trichlorophenol | 13.00 | 196 | 64 | 0.023 | ng | # 16 |
| 46) 1,1'-Biphenyl | 13.60 | 154 | 1179 | 0.116 | ng | 87 |
| 48) 2-Nitroaniline | 13.39 | 65 | 1235 | 0.505 | ng | # 1 |
| 49) Acenaphthylene | 14.84 | 152 | 69 | 0.006 | ng | # 1 |
| 51) 2,6-Dinitrotoluene | 14.77 | 165 | 16411 | 7.522 | ng | # 25 |
| 52) Acenaphthene | 14.84 | 154 | 533 | 0.071 | ng | 86 |
| 55) Dibenzofuran | 15.17 | 168 | 191 | 0.015 | ng | # 45 |
| 57) 2,4-Dinitrotoluene | 14.77 | 165 | 16411 | 5.353 | ng | # 20 |
| 58) Fluorene | 15.81 | 166 | 480 | 0.049 | ng | # 62 |
| 63) Azobenzene | 16.26 | 77 | 1079 | 0.117 | ng | # 25 |
| 65) 4,6-Dinitro-2-methylphenol | 16.26 | 198 | 675 | 0.367 | ng | # 1 |
| 66) n-Nitrosodiphenylamine | 16.25 | 169 | 7898 | 0.876 | ng | # 48 |
| 67) 4-Bromophenyl-phenylether | 16.25 | 248 | 14655 | 4.205 | ng | # 1 |
| 71) Phenanthrene | 17.55 | 178 | 1996 | 0.116 | ng | 95 |
| 72) Anthracene | 17.55 | 178 | 1996 | 0.119 | ng | 96 |
| 73) Carbazole | 17.93 | 167 | 677 | 0.045 | ng | # 57 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032119\
Data File : BG040074.D
Acq On : 21 Mar 2019 20:30
Operator : JU/SJ
Sample : K1694-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** EO-02-032019-C

Quant Time: Mar 22 01:35:20 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) |
|---|---|---|---|---|---|---|---|
| 74) Di-n-butylphthalate | 18.44 | 149 | 1529 | 0.086 | ng | # | 77 |
| 75) Fluoranthene | 19.56 | 202 | 468 | 0.023 | ng | | 63 |
| 77) Benzidine | 20.11 | 184 | 21716 | 2.199 | ng | # | 91 |
| 78) Pyrene | 19.92 | 202 | 441 | 0.022 | ng | # | 55 |
| 80) Butylbenzylphthalate | 20.81 | 149 | 57 | 0.007 | ng | # | 22 |
| 81) Benzo(a)anthracene | 21.79 | 228 | 987 | 0.051 | ng | # | 50 |
| 83) Chrysene | 21.79 | 228 | 987 | 0.052 | ng | # | 48 |
| 84) Bis(2-ethylhexyl)phthalate | 21.65 | 149 | 185 | 0.017 | ng | # | 52 |
| 85) Di-n-octyl phthalate | 22.93 | 149 | 56 | 0.003 | ng | # | 1 |
| 90) Benzo(a)pyrene | 25.10 | 252 | 55 | 0.003 | ng | # | 59 |

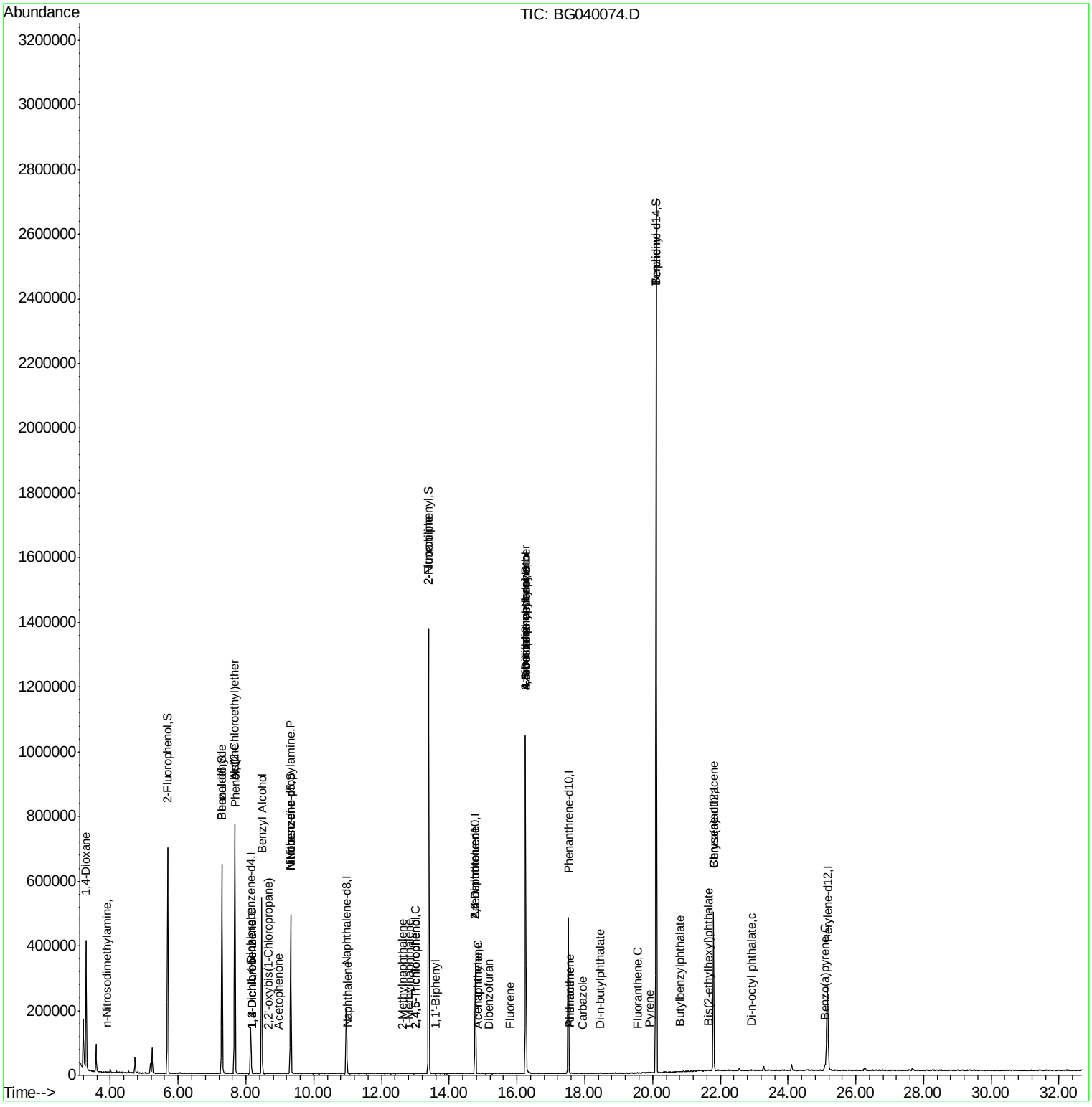
(#) = qualifier out of range (m) = manual integration (+) = signals summed

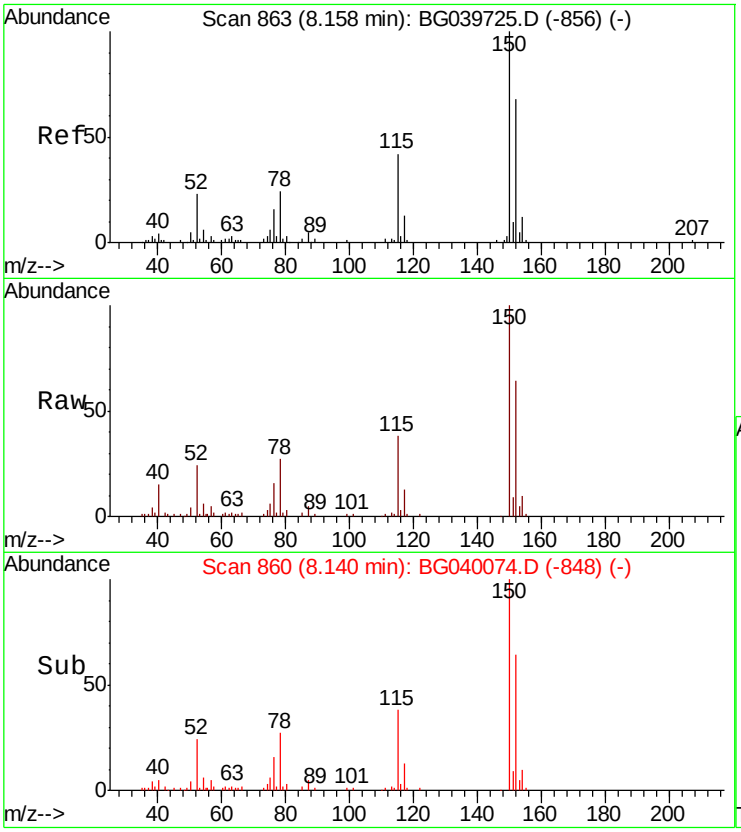
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032119\
Data File : BG040074.D
Acq On : 21 Mar 2019 20:30
Operator : JU/SJ
Sample : K1694-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EO-02-032019-C

Quant Time: Mar 22 01:35:20 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



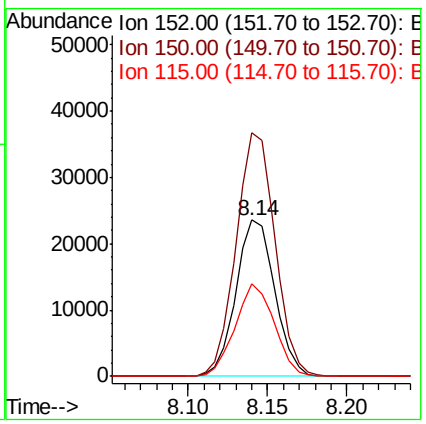


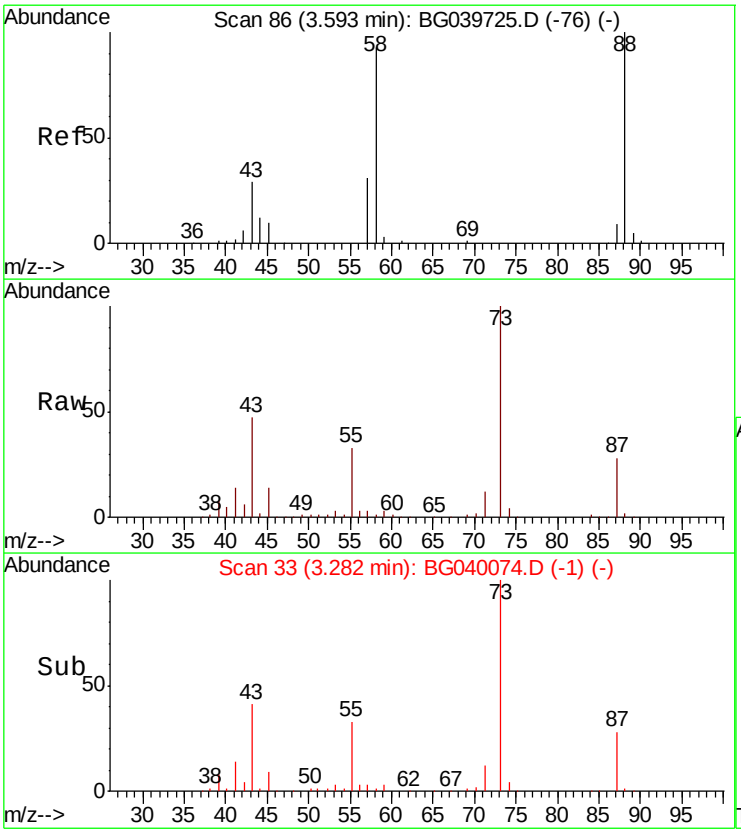

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

**Instrument :**
BNA_G
**ClientSampleId :**
EO-02-032019-C

Tgt Ion:152 Resp: 40038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.7 | 123.7 | 185.5 |
| 115 | 59.1 | 45.9 | 68.9 |

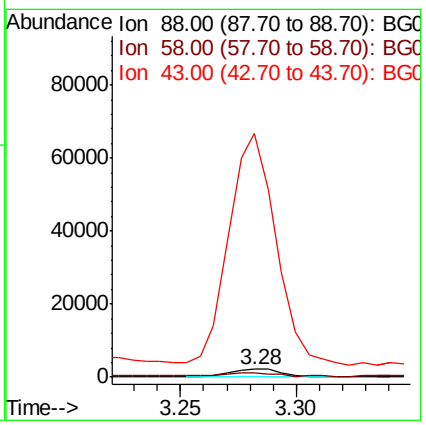


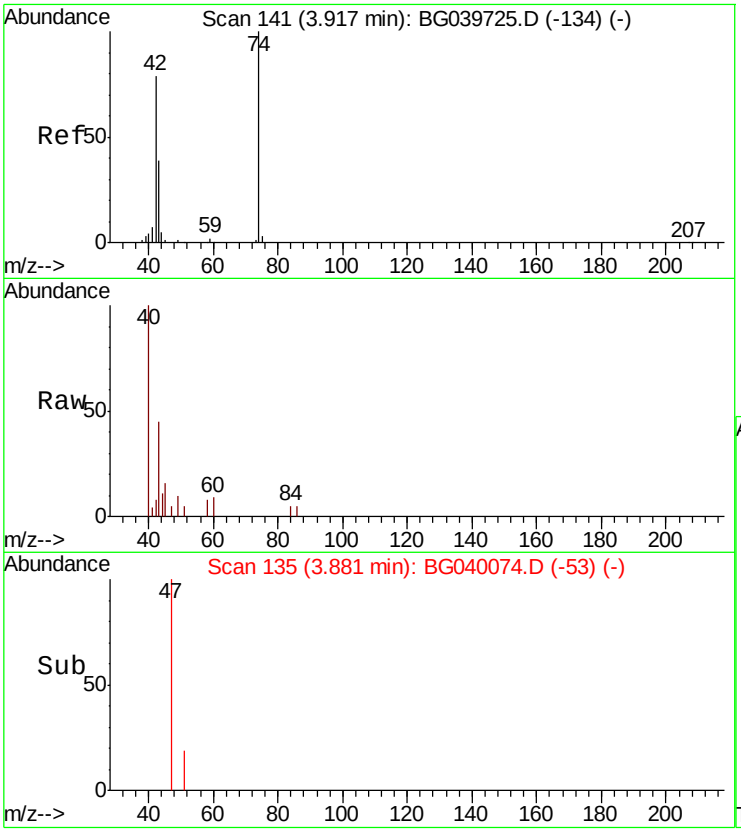




#2
1,4-Dioxane
Concen: 3.146 ng
RT: 3.28 min Scan# 33
Delta R.T. -0.32 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion: 88 Resp: 3409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 46.7 | 81.1 | 121.7# |
| 43 | 2643.2 | 31.4 | 47.0# |



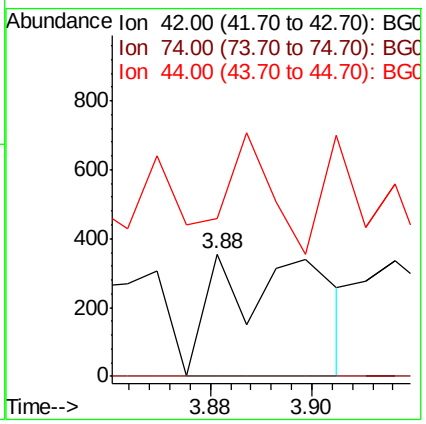


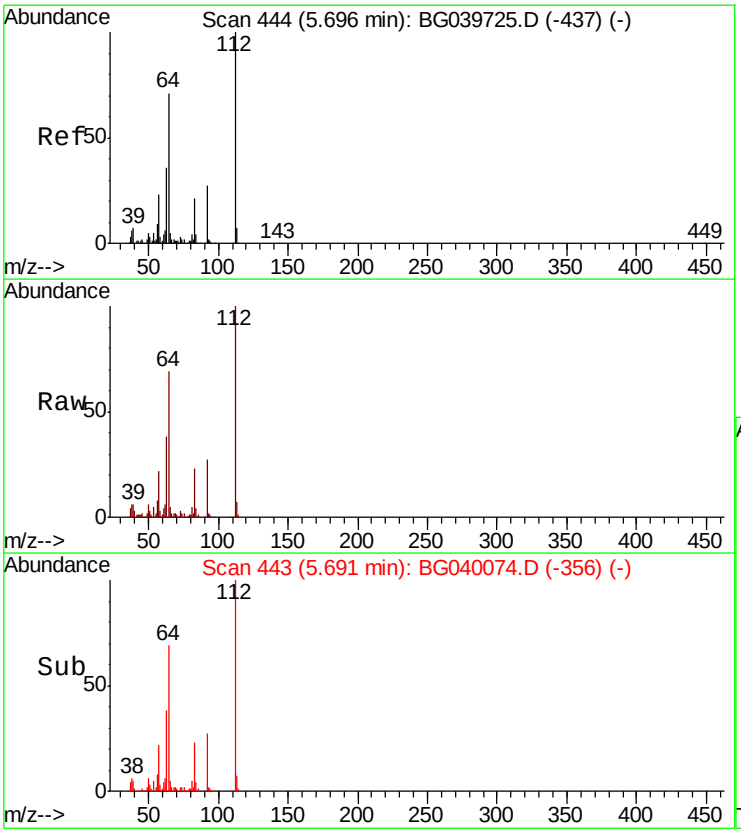

#4
n-Nitrosodimethylamine
Concen: 0.363 ng
RT: 3.88 min Scan# 135
Delta R.T. -0.05 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

**Instrument :**
BNA_G
**ClientSampleId :**
EO-02-032019-C

Tgt Ion: 42 Resp: 500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 0.0 | 83.6 | 125.4# |
| 44 | 128.7 | 6.9 | 10.3# |

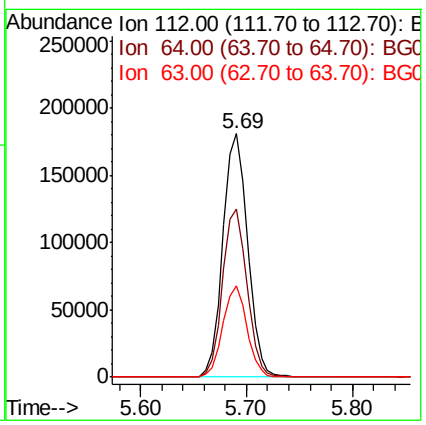


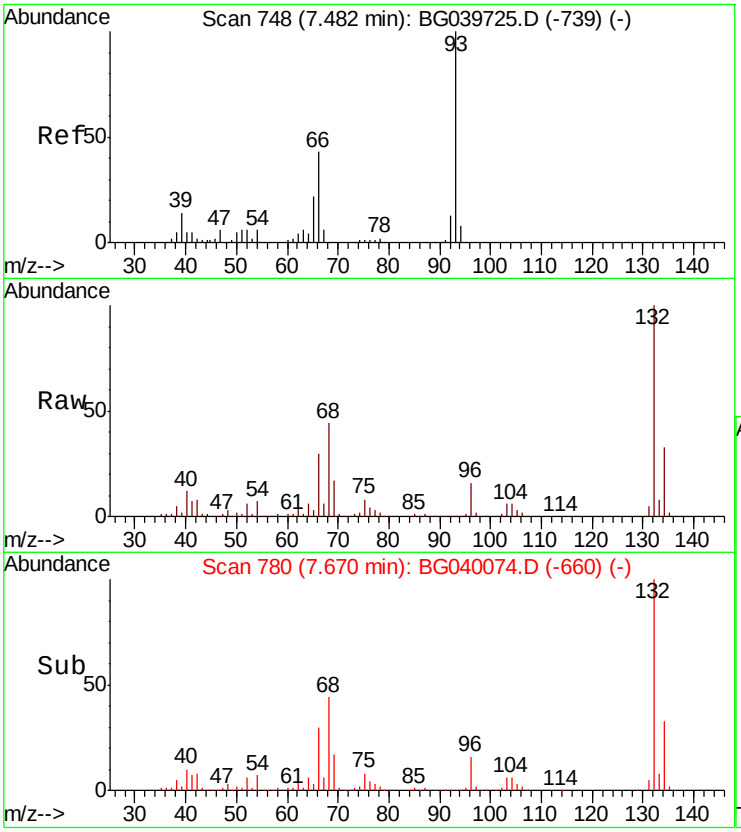




#5
2-Fluorophenol
Concen: 125.492 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion:112 Resp: 294515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 69.1 | 57.8 | 86.8 |
| 63 | 37.7 | 29.8 | 44.6 |



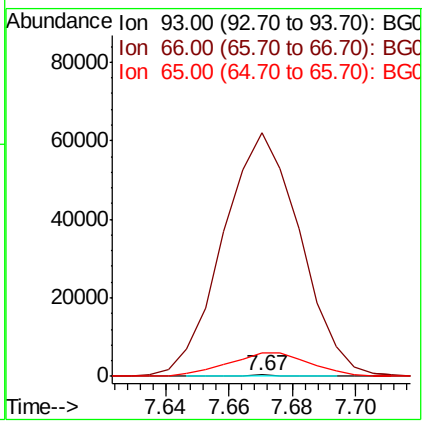


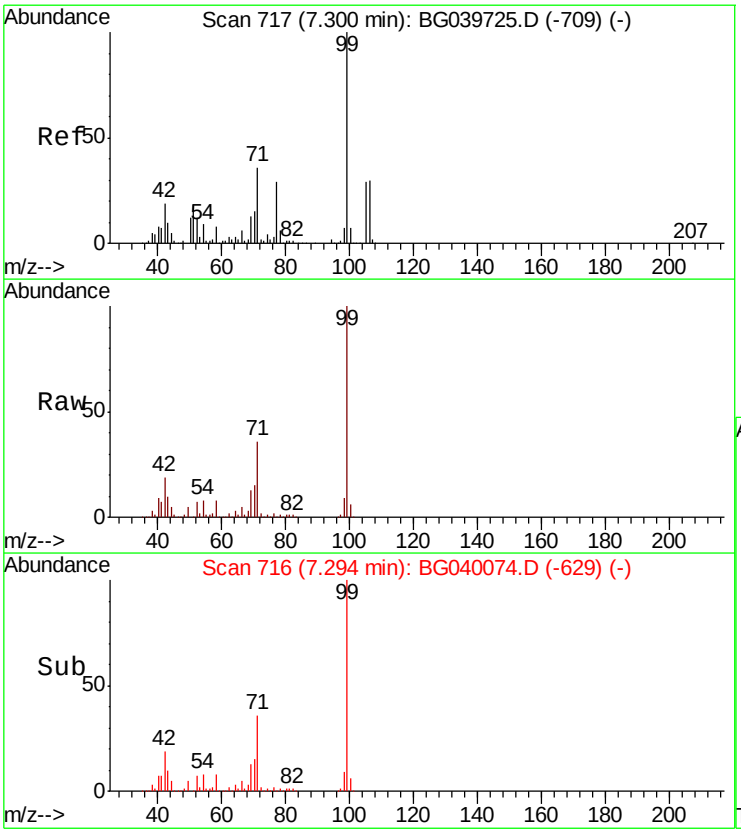

#6
Aniline
Concen: 0.089 ng
RT: 7.67 min Scan# 780
Delta R.T. 0.18 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

**Instrument :**
BNA_G
**ClientSampleId :**
EO-02-032019-C

Tgt Ion: 93 Resp: 410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 16188.0 | 34.2 | 51.4# |
| 65 | 1529.8 | 17.7 | 26.5# |

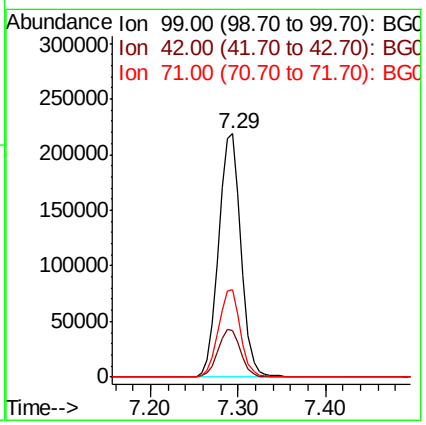


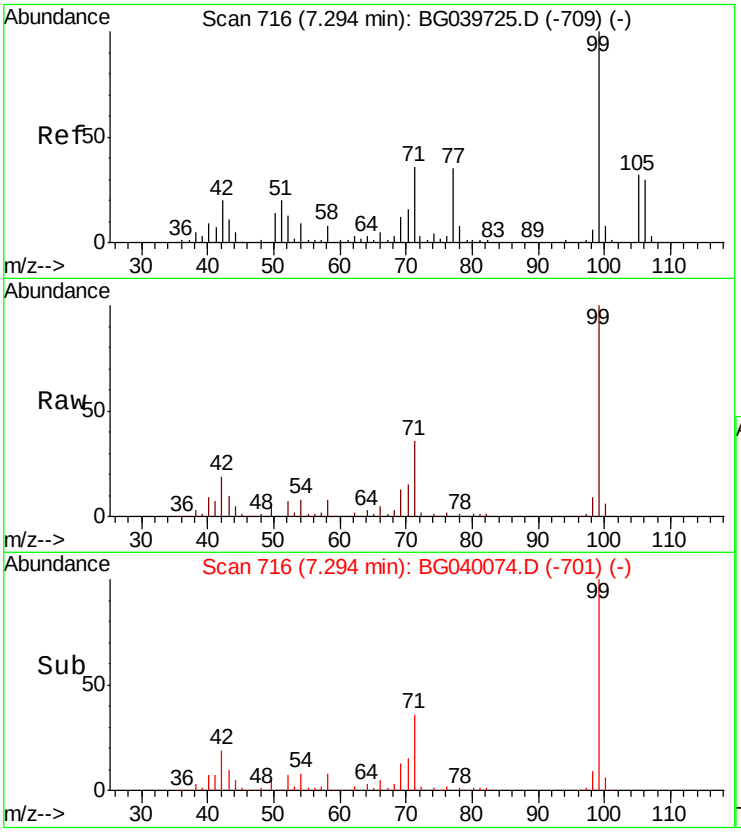




#7
Phenol-d6
Concen: 110.621 ng
RT: 7.29 min Scan# 716
Delta R.T. -0.02 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion: 99 Resp: 387100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.9 | 18.2 | 27.2 |
| 71 | 36.1 | 28.0 | 42.0 |



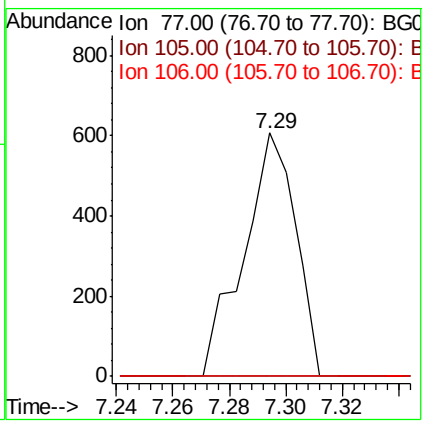


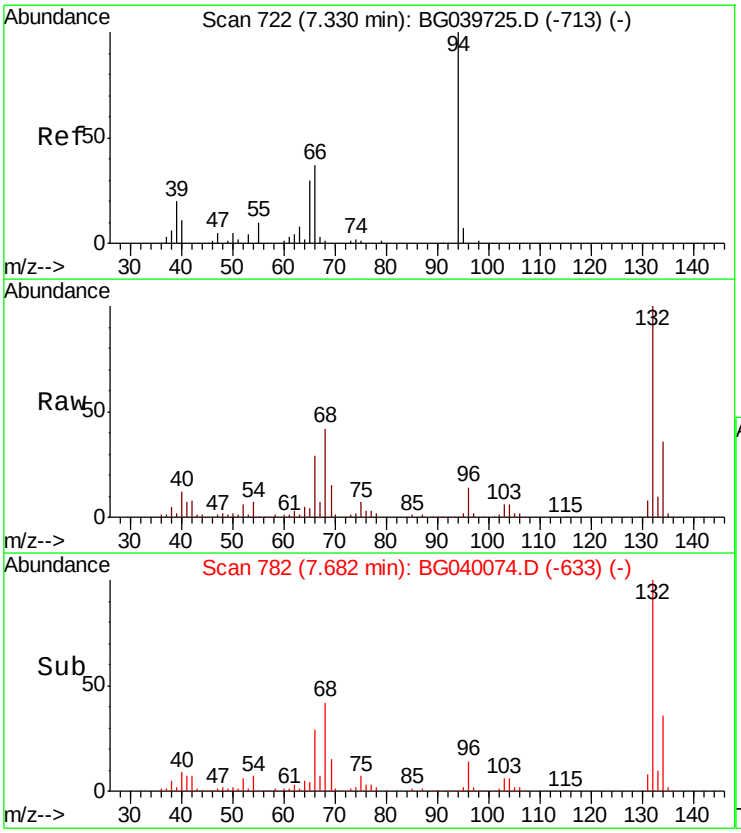

#9
Benzaldehyde
Concen: 0.343 ng
RT: 7.29 min Scan# 716
Delta R.T. -0.01 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

**Instrument :**
BNA_G
**ClientSampleId :**
EO-02-032019-C

Tgt Ion: 77 Resp: 775

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

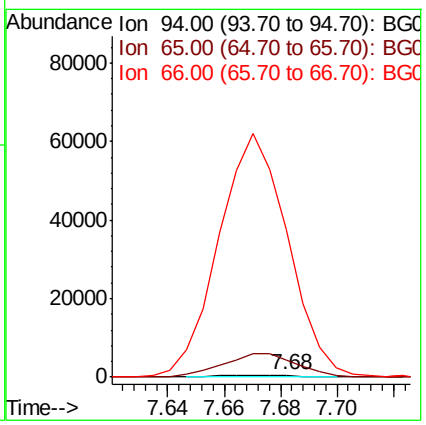


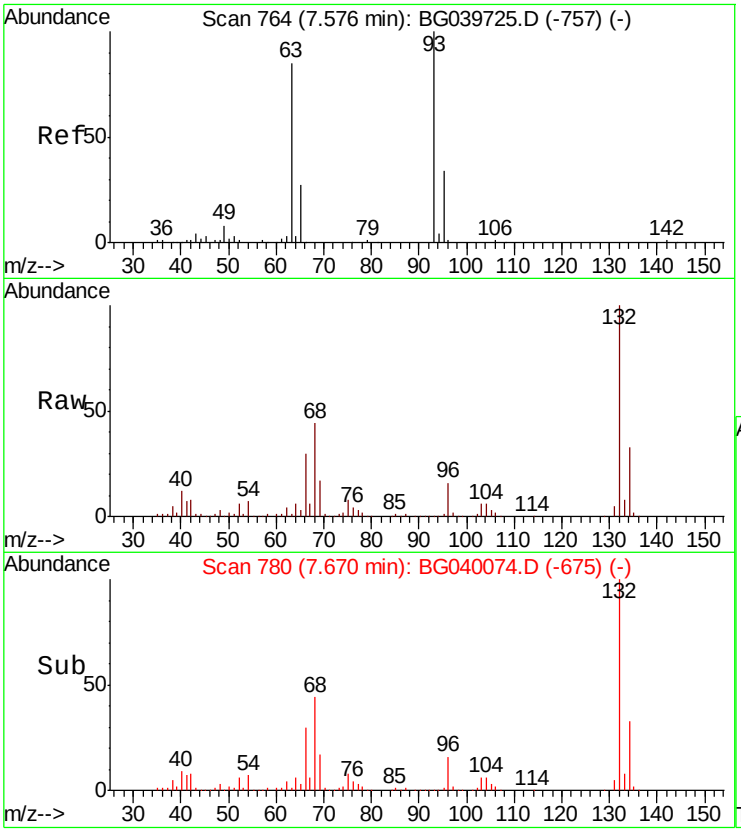




#10
Phenol
Concen: 0.205 ng
RT: 7.68 min Scan# 782
Delta R.T. 0.35 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion: 94 Resp: 778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 784.8 | 11.7 | 51.7# |
| 66 | 6572.0 | 23.7 | 63.7# |



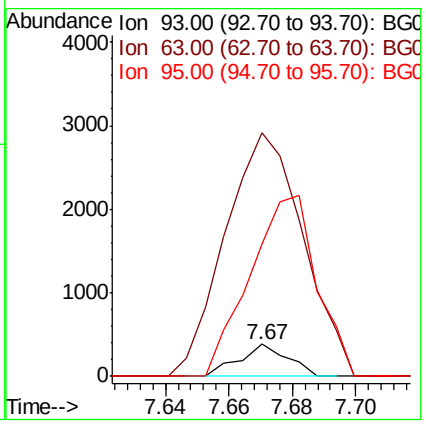


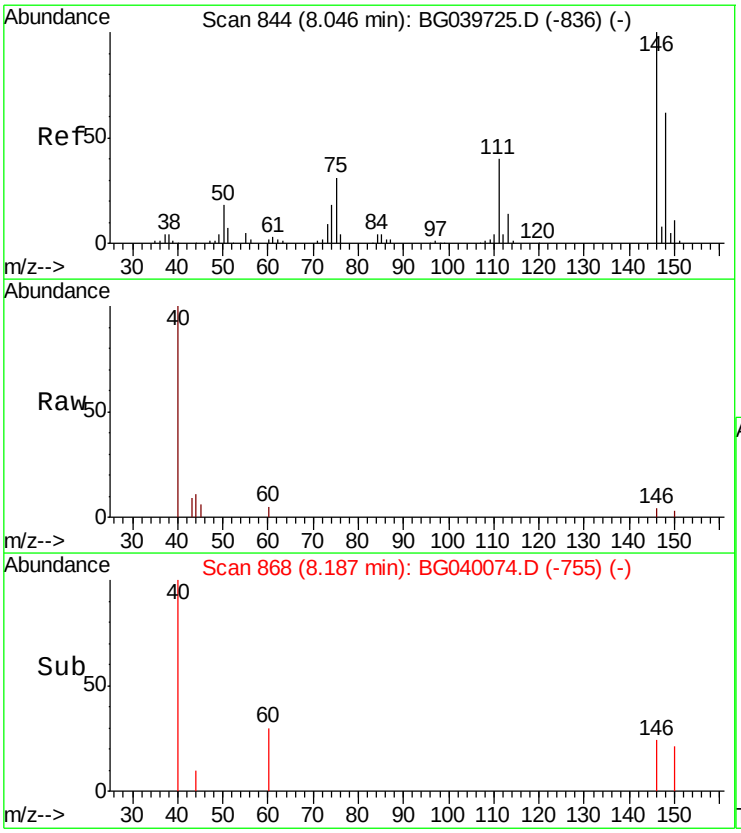

#11
bis(2-Chloroethyl)ether
Concen: 0.139 ng
RT: 7.67 min Scan# 780
Delta R.T. 0.09 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

**Instrument :**
BNA_G
**ClientSampleId :**
EO-02-032019-C

Tgt Ion: 93 Resp: 410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 760.8 | 69.5 | 109.5# |
| 95 | 414.4 | 12.7 | 52.7# |

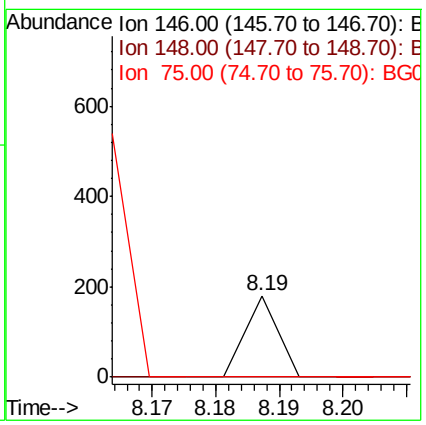


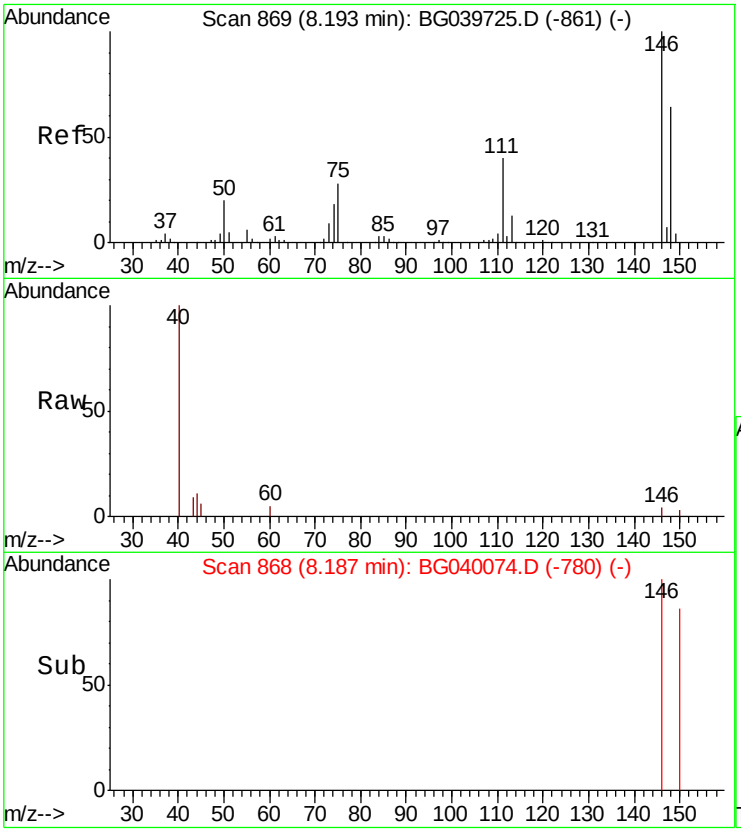




#12
1,3-Dichlorobenzene
Concen: 0.020 ng
RT: 8.19 min Scan# 868
Delta R.T. 0.13 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion:146 Resp: 64

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 0.0 | 52.6 | 79.0# |
| 75 | 0.0 | 25.8 | 38.6# |



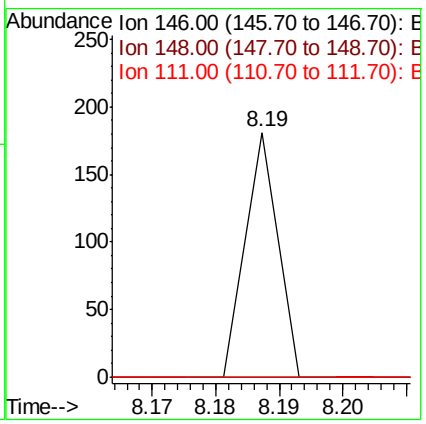


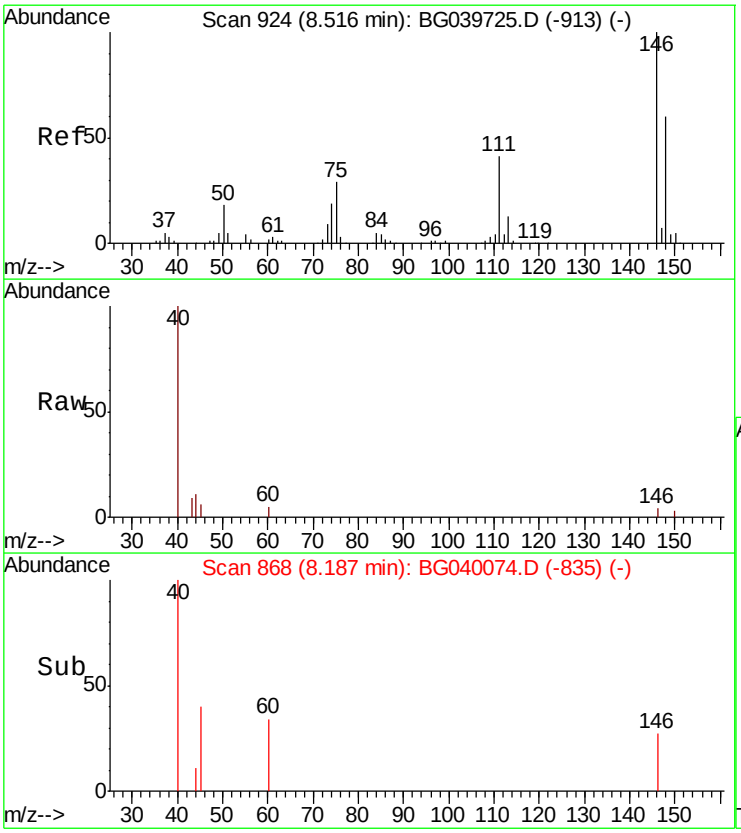

#13
1,4-Dichlorobenzene
Concen: 0.020 ng
RT: 8.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

**Instrument :**
BNA_G
**ClientSampleId :**
EO-02-032019-C

Tgt Ion:146 Resp: 64

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 0.0 | 51.1 | 76.7# |
| 111 | 0.0 | 32.6 | 48.8# |

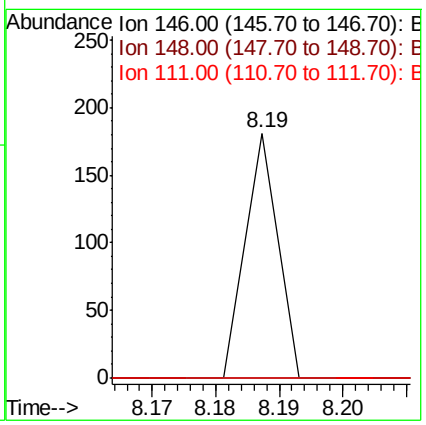


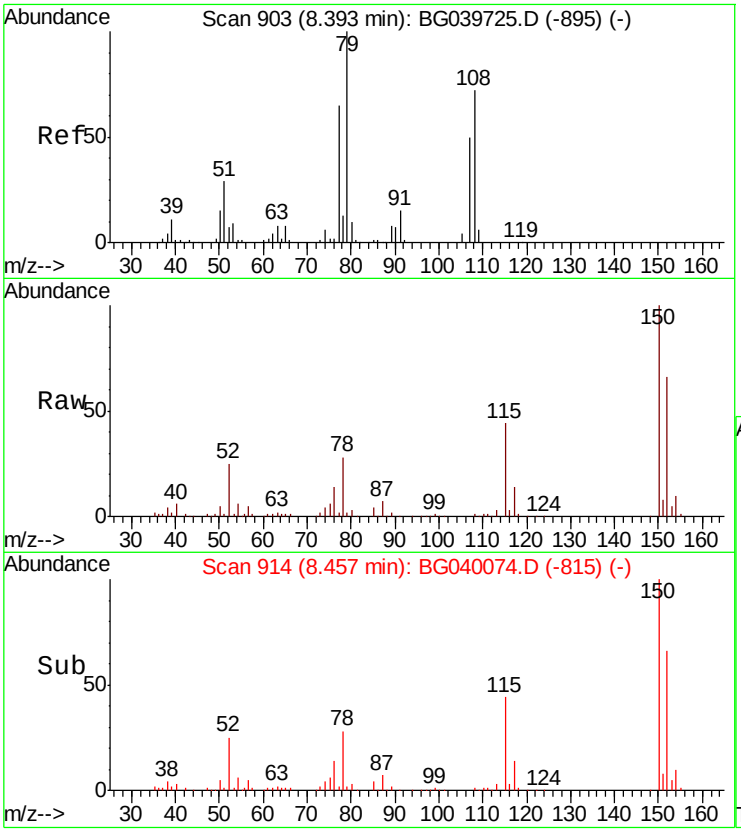




#14
1,2-Dichlorobenzene
Concen: 0.020 ng
RT: 8.19 min Scan# 868
Delta R.T. -0.34 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion:146 Resp: 64

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 0.0 | 51.5 | 77.3# |
| 111 | 0.0 | 33.8 | 50.6# |



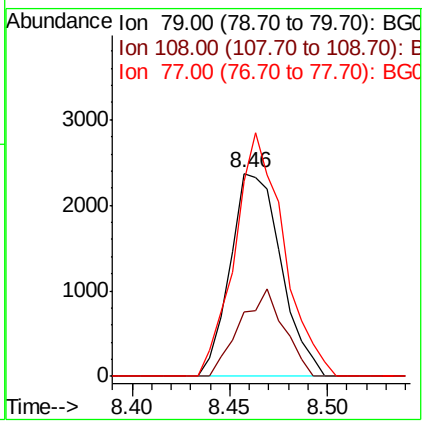


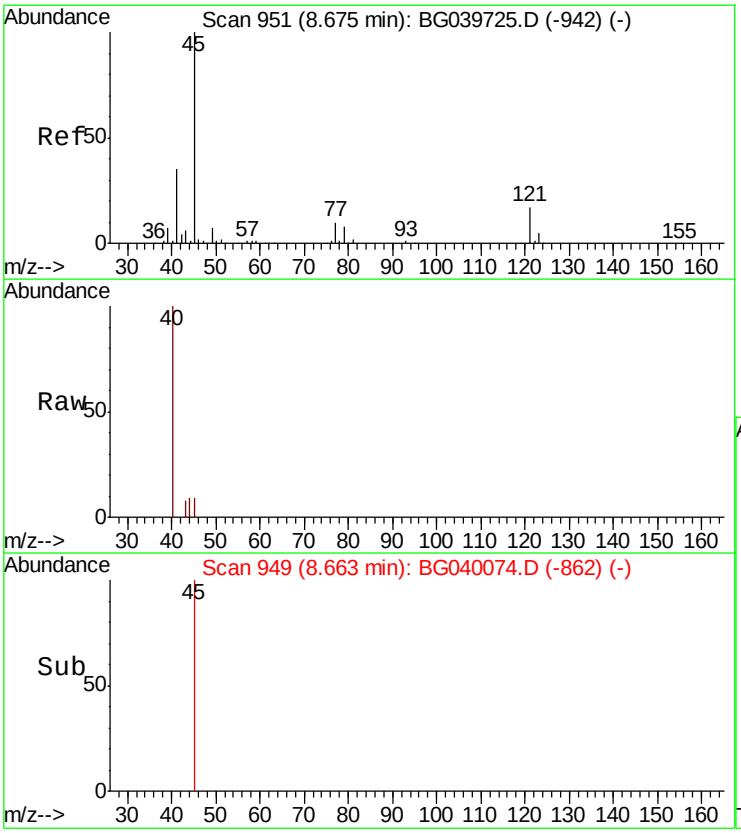

#15
Benzyl Alcohol
Concen: 1.540 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.05 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

**Instrument :**
BNA_G
**ClientSampleId :**
EO-02-032019-C

Tgt Ion: 79 Resp: 4276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 31.5 | 57.8 | 86.6# |
| 77 | 96.0 | 51.1 | 76.7# |

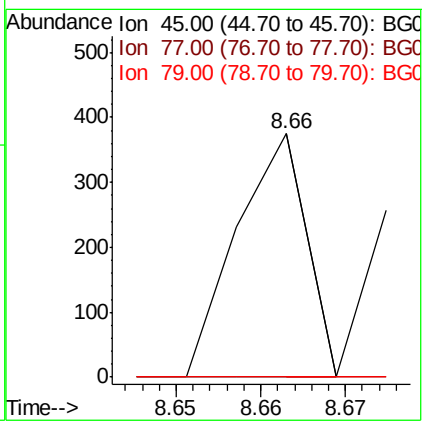


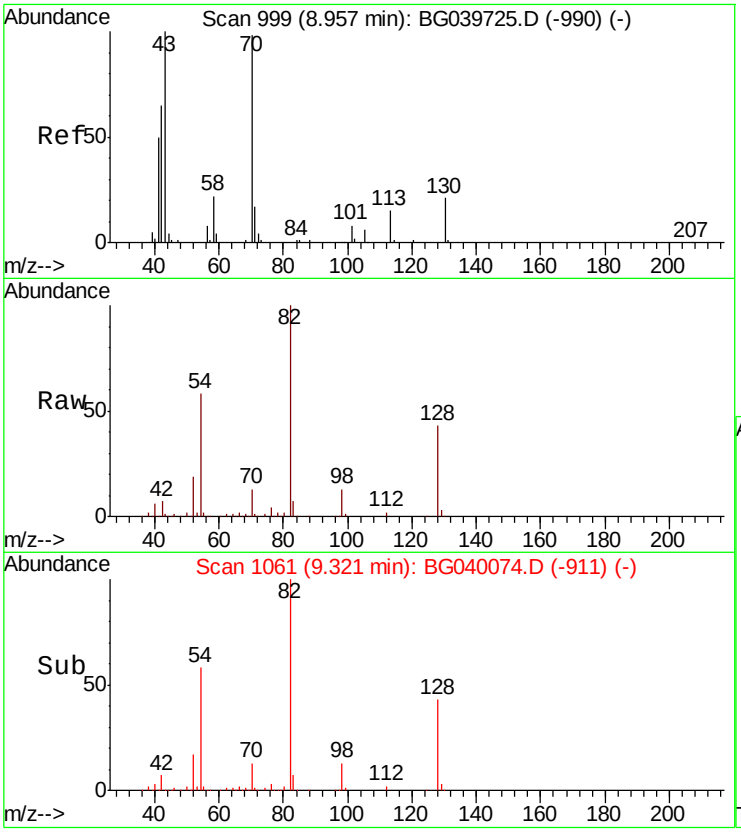




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.036 ng
RT: 8.66 min Scan# 949
Delta R.T. -0.02 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion: 45 Resp: 214

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



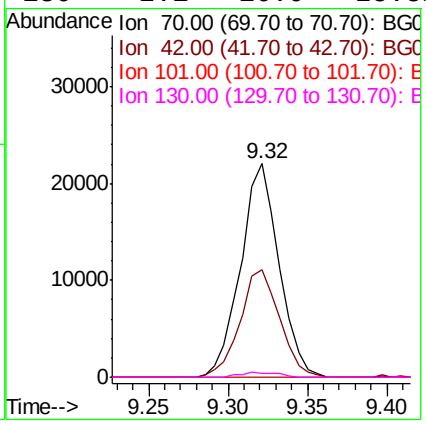


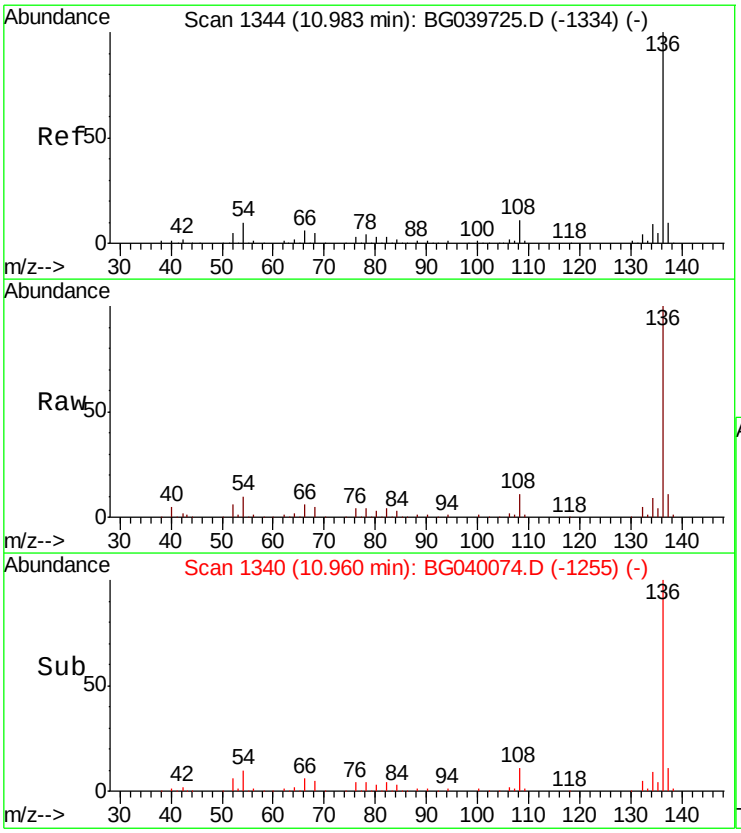

#19
n-Nitroso-di-n-propylamine
Concen: 14.678 ng
RT: 9.32 min Scan# 1061
Delta R.T. 0.35 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

**Instrument :**
BNA_G
**ClientSampleId :**
EO-02-032019-C

Tgt Ion: 70 Resp: 36969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 50.6 | 60.4 | 90.6# |
| 101 | 0.0 | 7.5 | 11.3# |
| 130 | 2.1 | 16.9 | 25.3# |

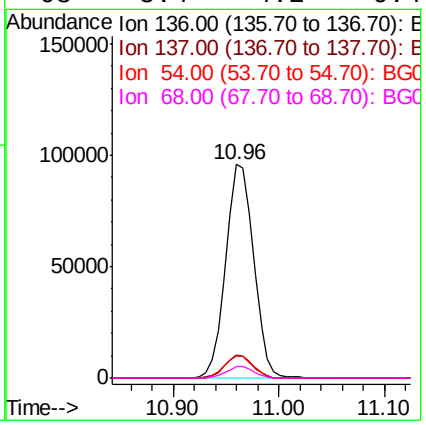


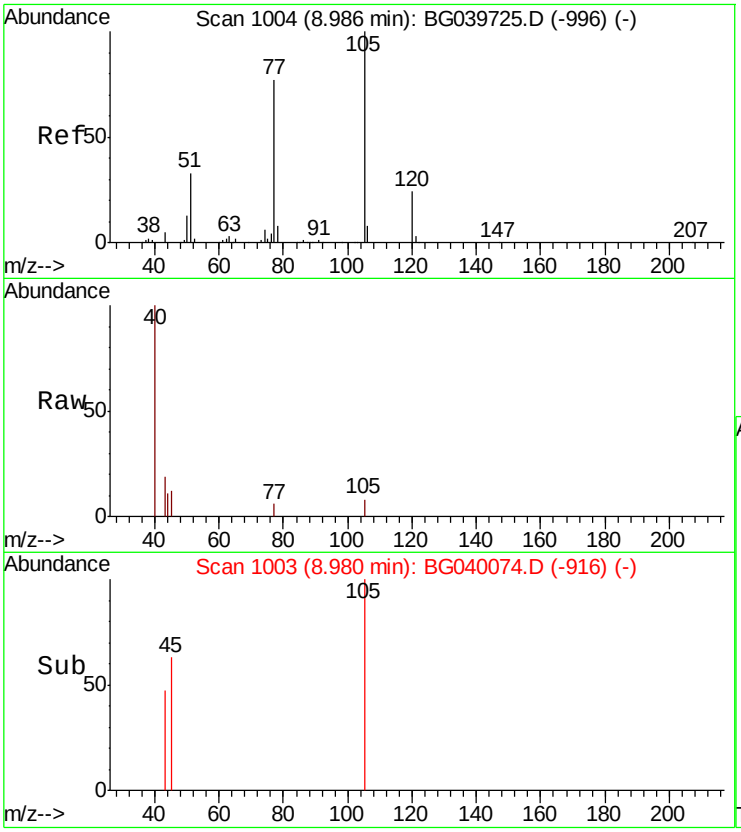




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion:136 Resp: 174520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.6 | 9.1 | 13.7 |
| 54 | 10.4 | 9.4 | 14.2 |
| 68 | 5.4 | 4.2 | 6.4 |



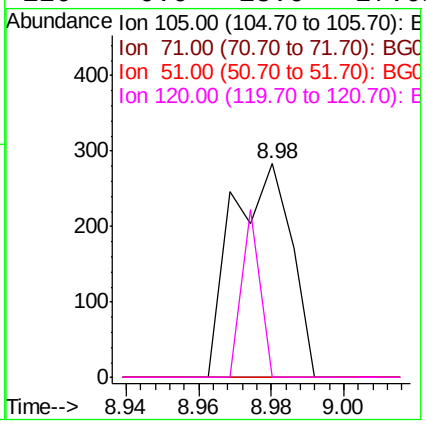


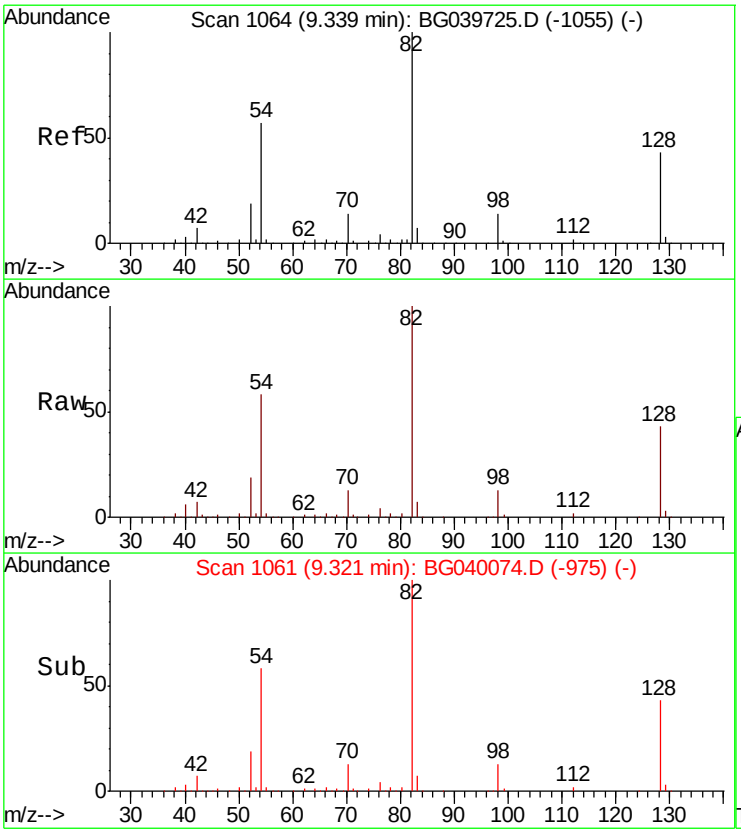

#22
Acetophenone
Concen: 0.068 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

**Instrument :** BNA_G
**ClientSampleId :** EO-02-032019-C

Tgt Ion:105 Resp: 319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 0.0 | 0.8 | 1.2# |
| 51 | 0.0 | 30.2 | 45.2# |
| 120 | 0.0 | 18.0 | 27.0# |

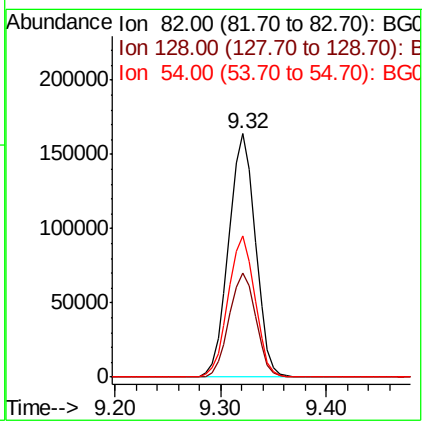


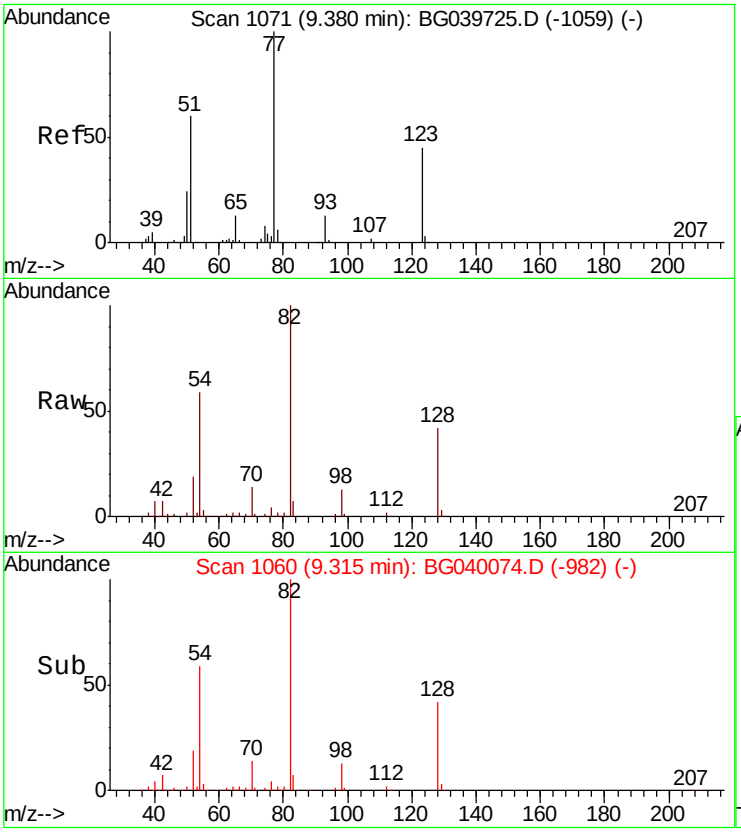




#23
Nitrobenzene-d5
Concen: 88.935 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion: 82 Resp: 286979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.9 | 31.3 | 46.9 |
| 54 | 58.1 | 50.9 | 76.3 |



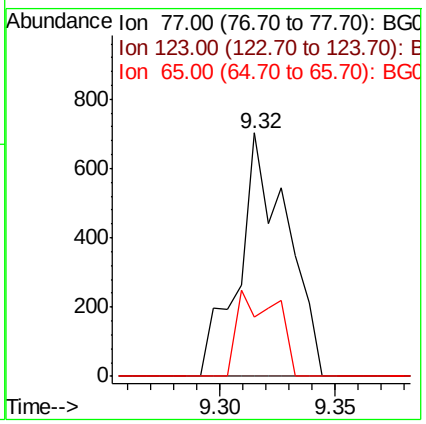


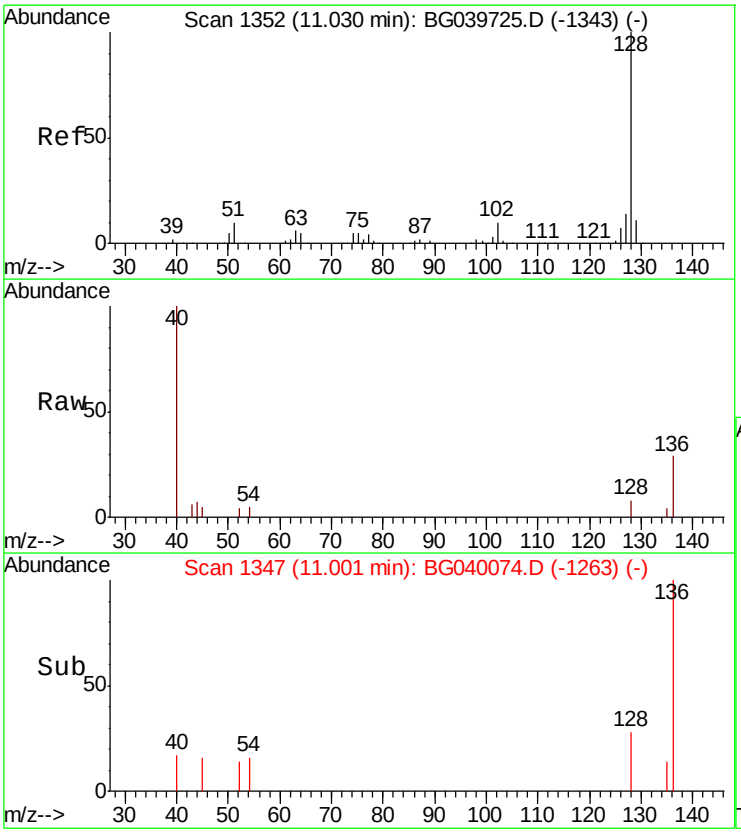

#24
Nitrobenzene
Concen: 0.302 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.07 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

**Instrument :**
BNA_G
**ClientSampleId :**
EO-02-032019-C

Tgt Ion: 77 Resp: 1023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 0.0 | 34.1 | 51.1# |
| 65 | 24.5 | 12.3 | 18.5# |

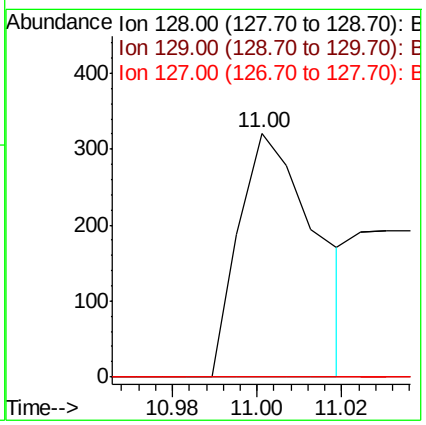


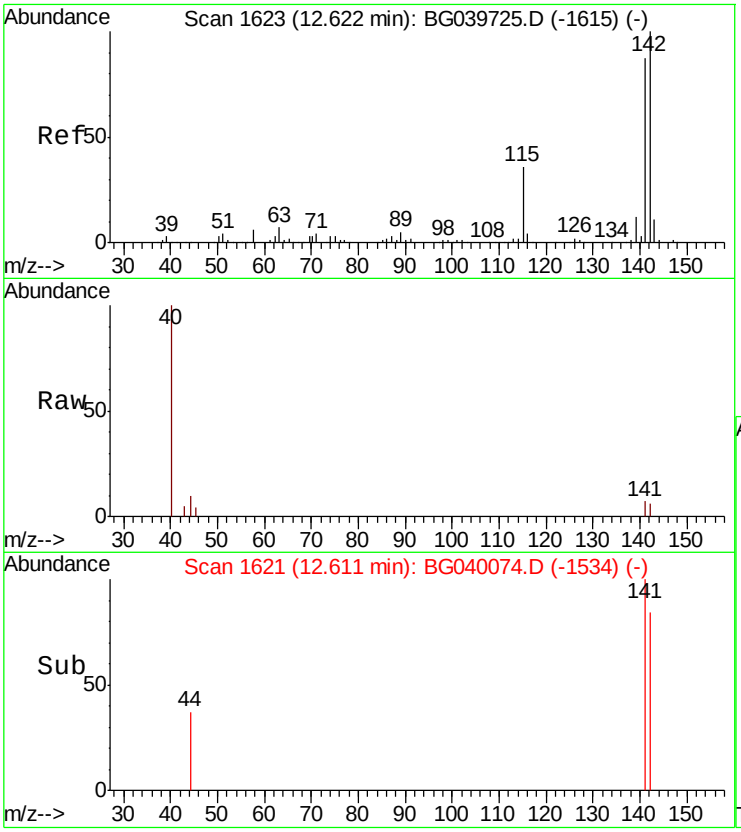




#31
Naphthalene
Concen: 0.044 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.04 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion:128 Resp: 406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 0.0 | 8.7 | 13.1# |
| 127 | 0.0 | 10.8 | 16.2# |



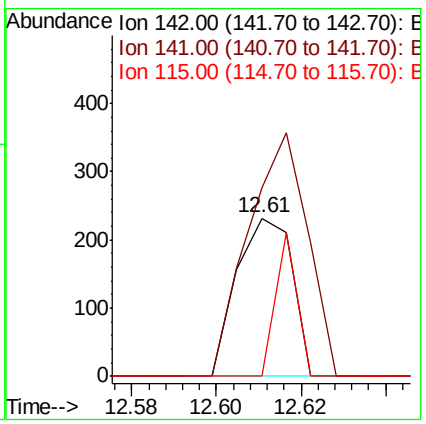


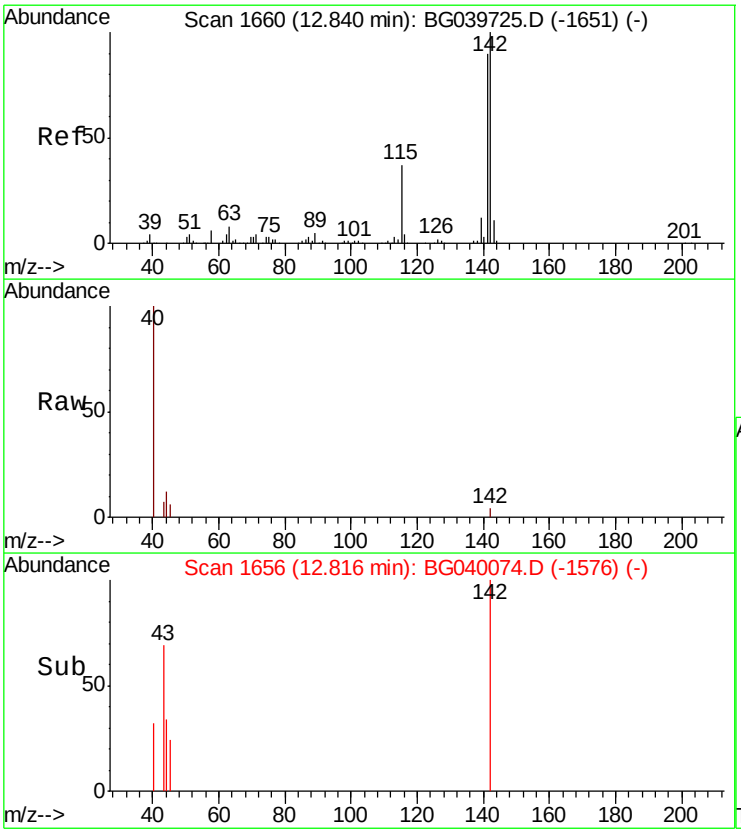

#37
2-Methylnaphthalene
Concen: 0.031 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

**Instrument :**
BNA_G
**ClientSampleId :**
EO-02-032019-C

Tgt Ion:142 Resp: 211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 119.0 | 73.5 | 110.3# |
| 115 | 0.0 | 30.8 | 46.2# |

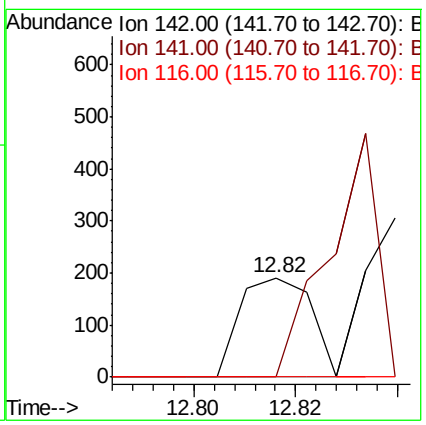


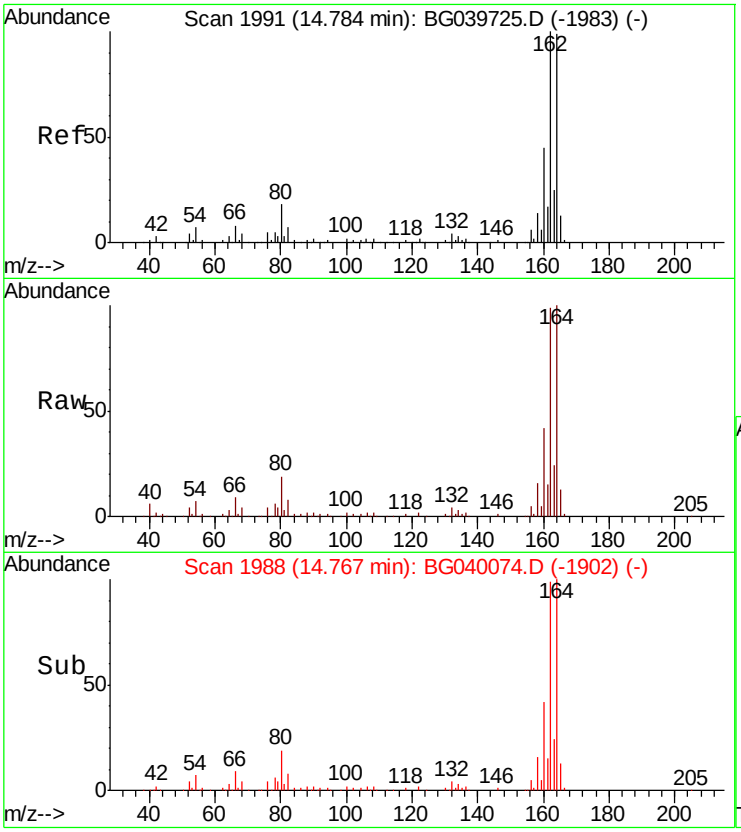




#38
1-Methylnaphthalene
Concen: 0.027 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.03 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion:142 Resp: 184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 0.0 | 74.2 | 111.4# |
| 116 | 0.0 | 3.0 | 4.6# |



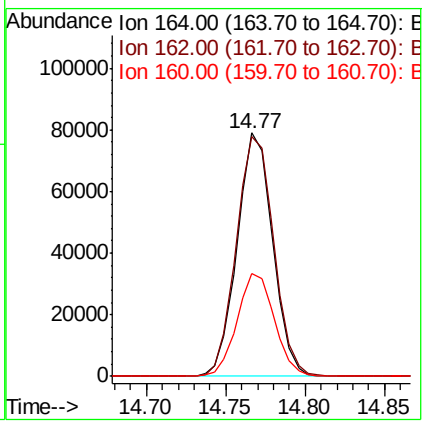


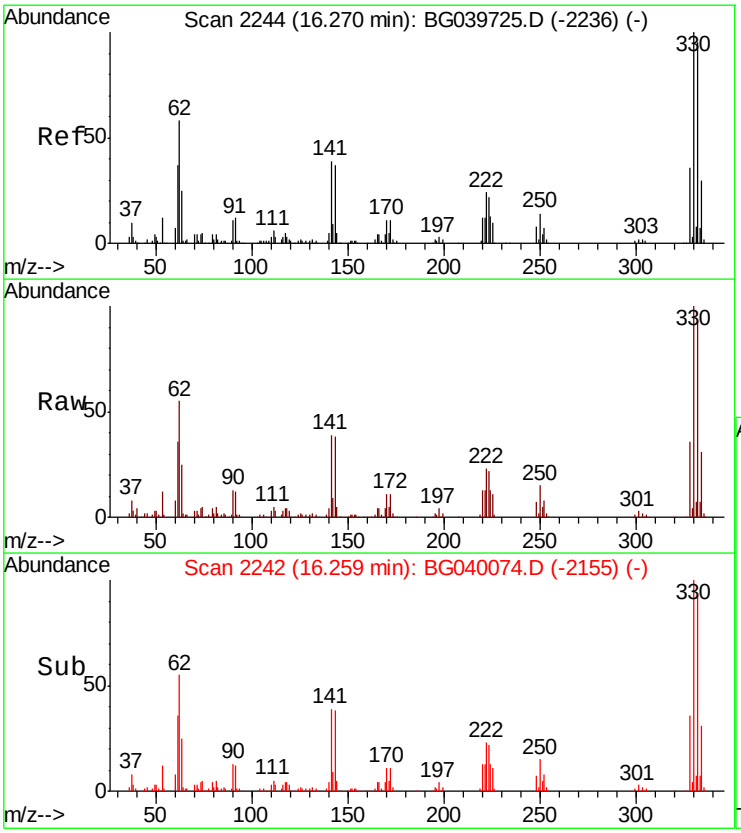

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

**Instrument :**
BNA_G
**ClientSampleId :**
EO-02-032019-C

Tgt Ion:164 Resp: 123072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.7 | 81.6 | 122.4 |
| 160 | 42.4 | 34.2 | 51.2 |

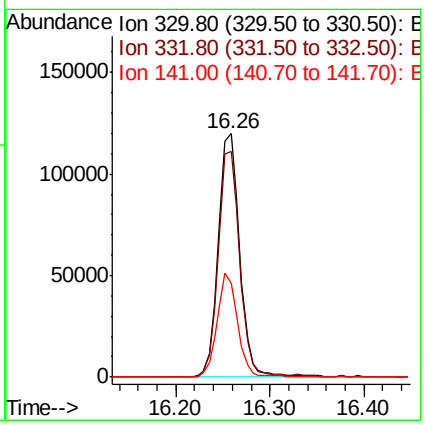


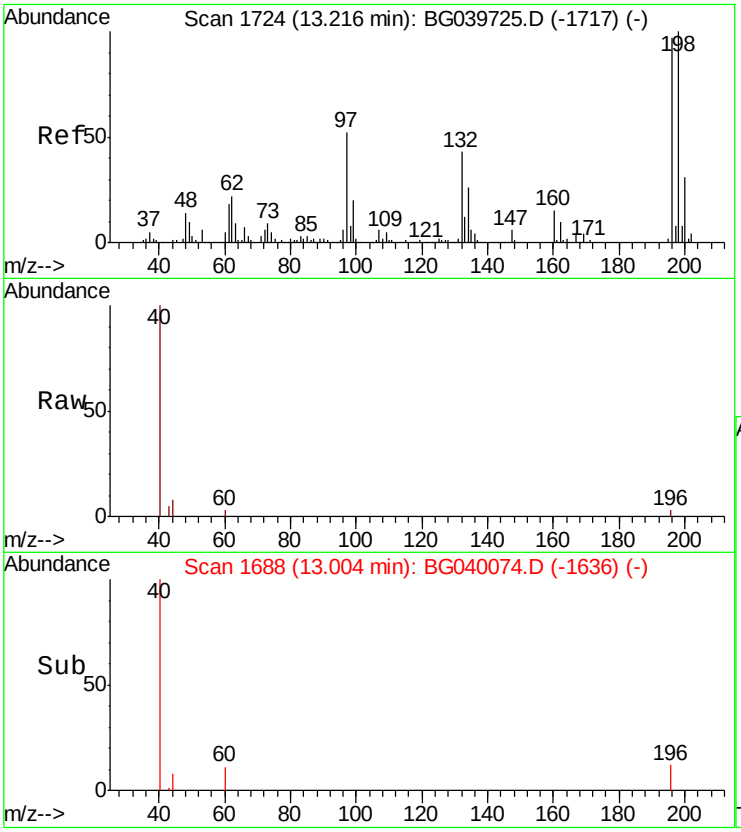




#42
2,4,6-Tribromophenol
Concen: 133.073 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.02 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion:330 Resp: 190893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.1 | 75.7 | 113.5 |
| 141 | 40.9 | 35.6 | 53.4 |



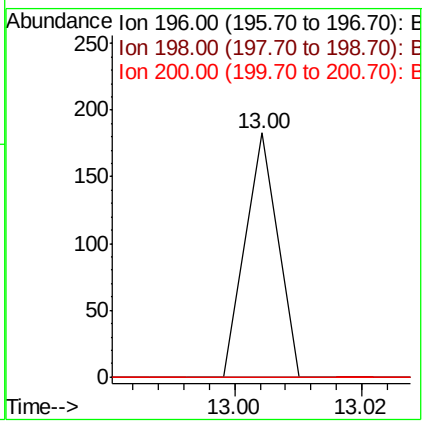


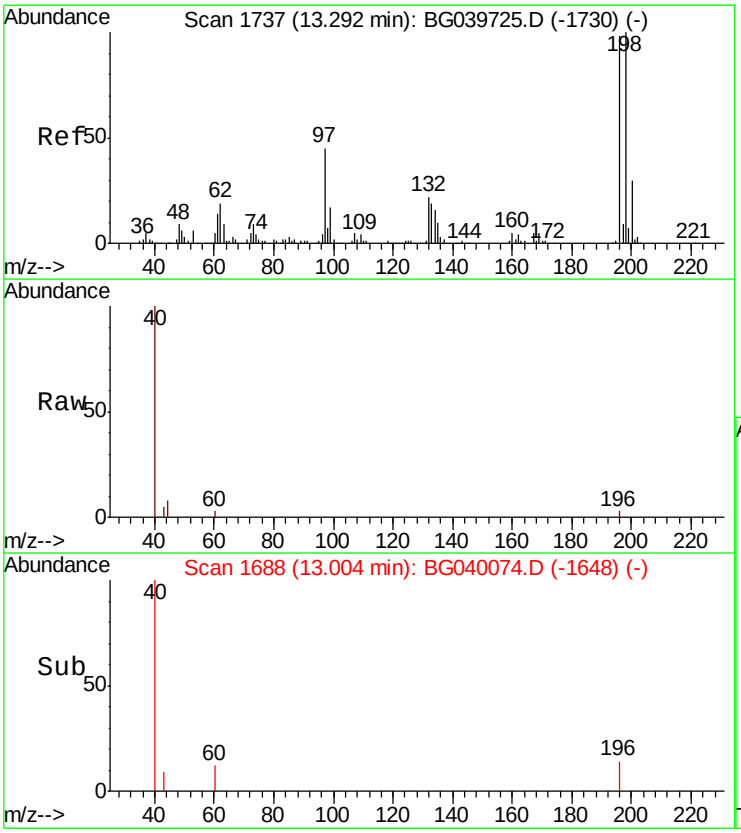

#43
2,4,6-Trichlorophenol
Concen: 0.026 ng
RT: 13.00 min Scan# 1688
Delta R.T. -0.22 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

**Instrument :**
BNA_G
**ClientSampleId :**
EO-02-032019-C

Tgt Ion:196 Resp: 64

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 0.0 | 80.6 | 121.0# |
| 200 | 0.0 | 26.1 | 39.1# |

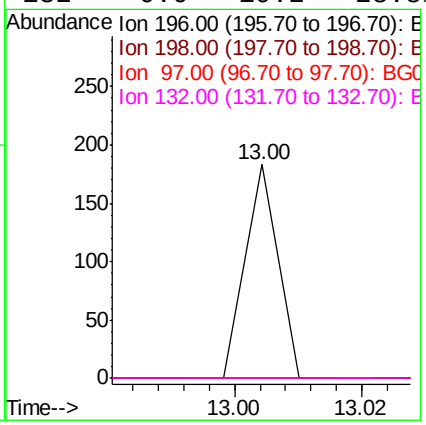


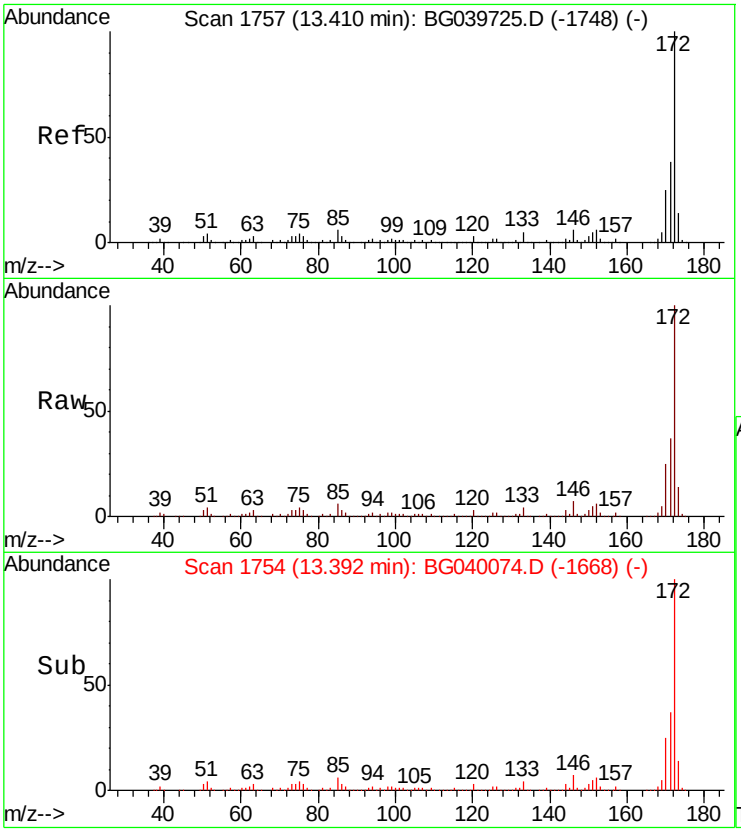




#44
2,4,5-Trichlorophenol
Concen: 0.023 ng
RT: 13.00 min Scan# 1688
Delta R.T. -0.29 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion:196 Resp: 64

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 0.0 | 78.5 | 117.7# |
| 97 | 0.0 | 38.4 | 57.6# |
| 132 | 0.0 | 19.2 | 28.8# |



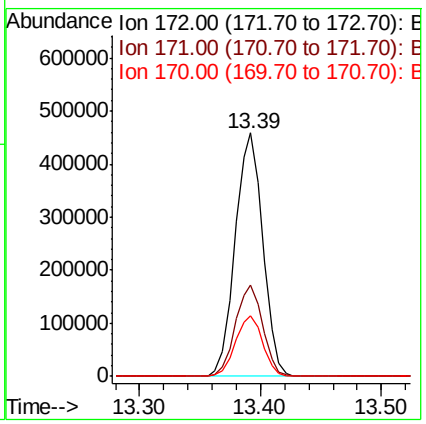


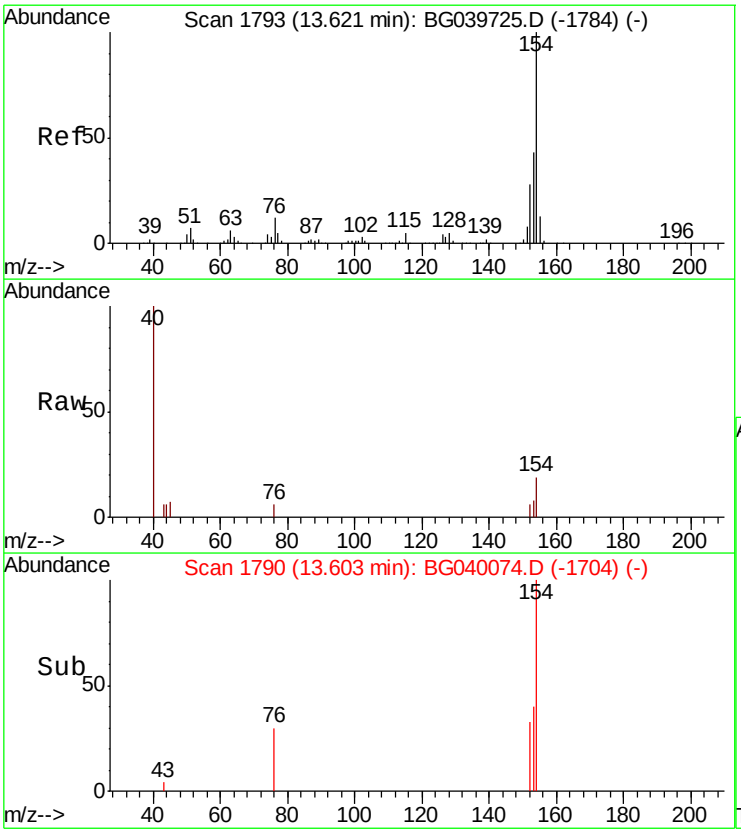

#45
2-Fluorobiphenyl
Concen: 84.498 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

**Instrument :**
BNA_G
**ClientSampleId :**
EO-02-032019-C

Tgt Ion:172 Resp: 730376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.5 | 30.8 | 46.2 |
| 170 | 25.1 | 20.2 | 30.4 |

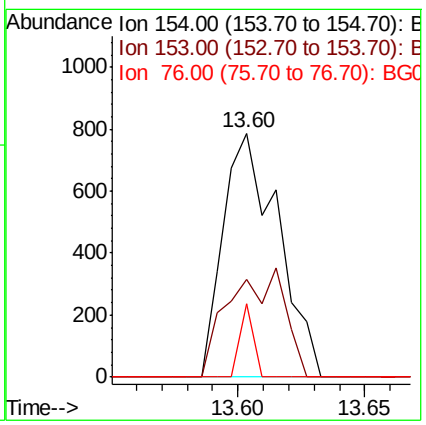


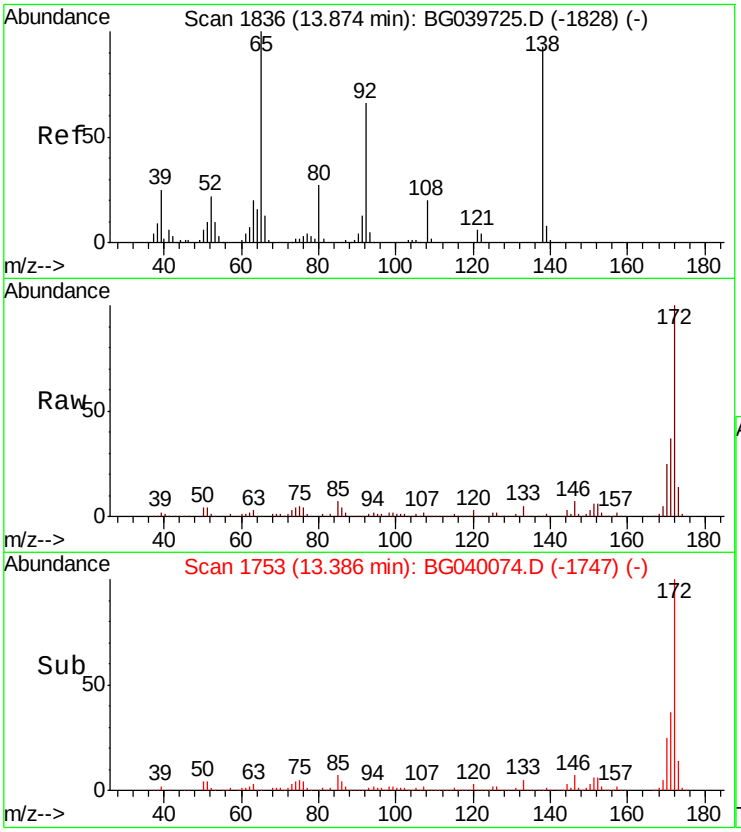




#46
1,1'-Biphenyl
Concen: 0.116 ng
RT: 13.60 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion:154 Resp: 1179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.9 | 22.1 | 62.1 |
| 76 | 30.0 | 0.0 | 32.4 |



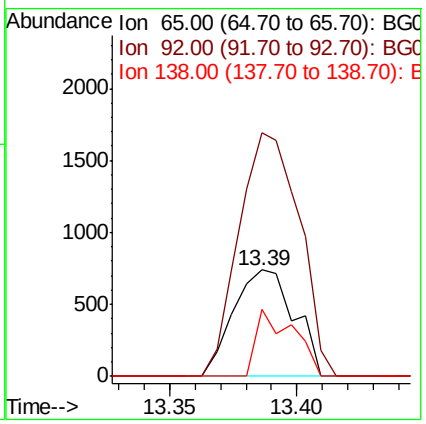


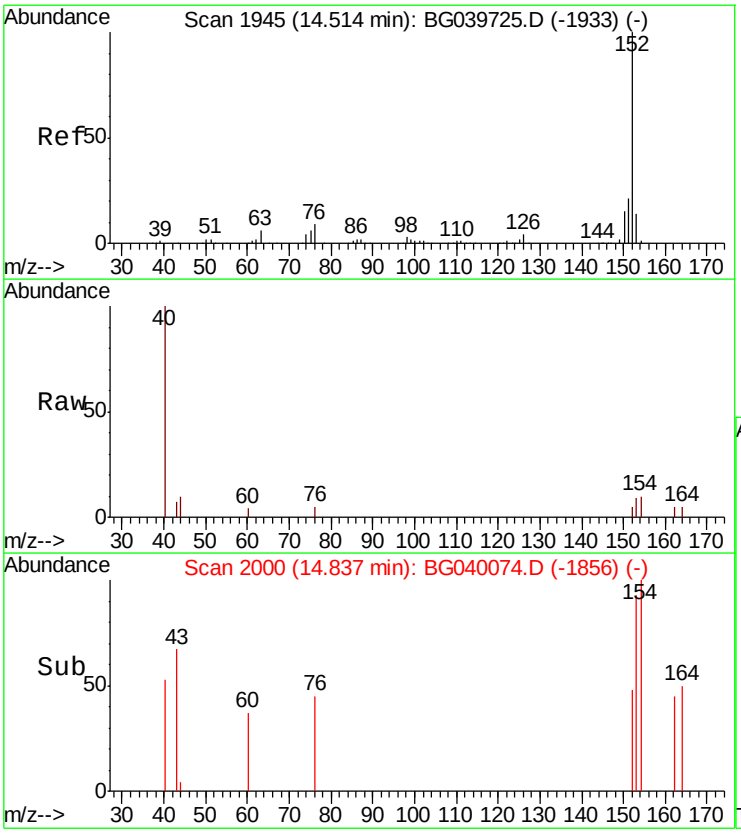

#48
2-Nitroaniline
Concen: 0.505 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.49 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

**Instrument :**
BNA_G
**ClientSampleId :**
EO-02-032019-C

Tgt Ion: 65 Resp: 1235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 229.3 | 51.4 | 77.2# |
| 138 | 63.6 | 71.4 | 107.2# |

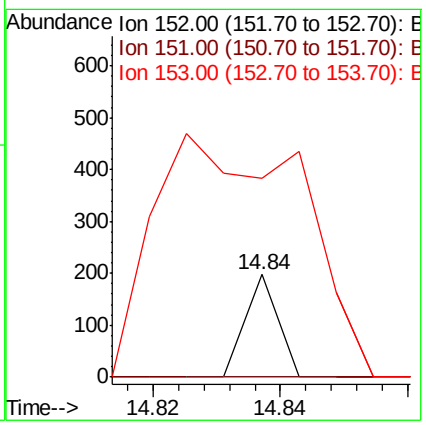


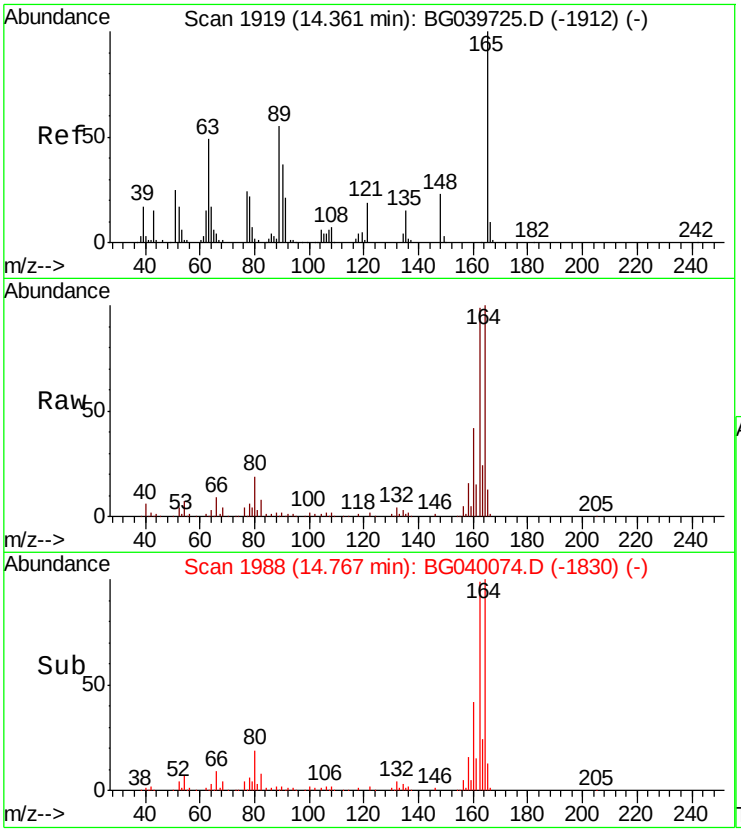




#49
Acenaphthylene
Concen: 0.006 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.32 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion:152 Resp: 69

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 0.0 | 16.8 | 25.2# |
| 153 | 194.4 | 11.7 | 17.5# |



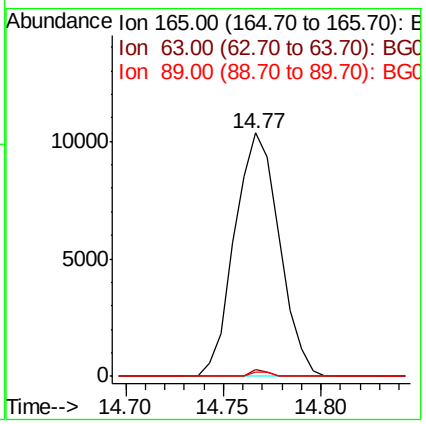


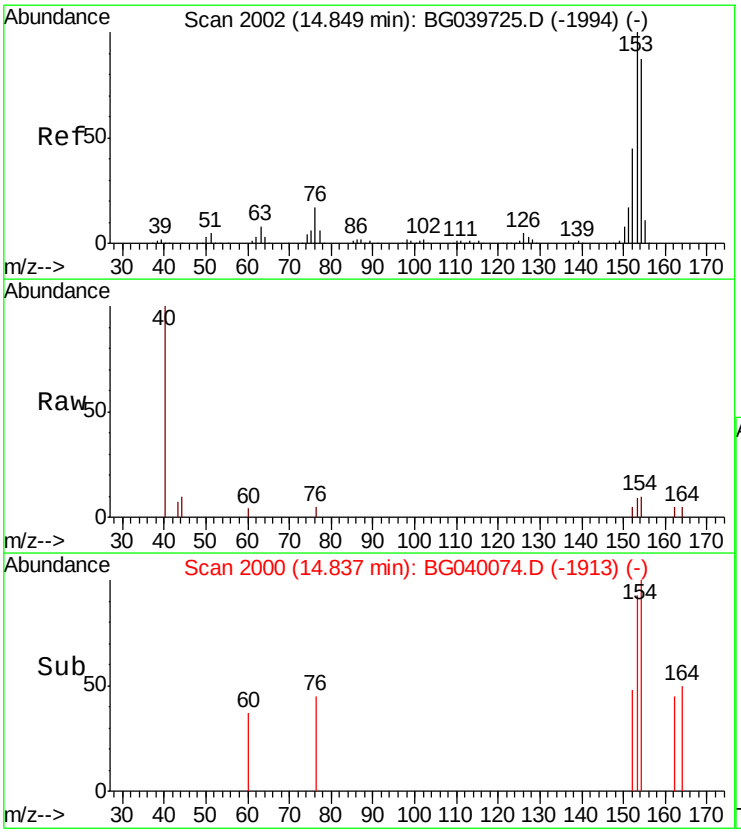

#51
2,6-Dinitrotoluene
Concen: 7.522 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.40 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

**Instrument :**
BNA_G
**ClientSampleId :**
EO-02-032019-C

Tgt Ion:165 Resp: 16411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 2.6 | 47.0 | 70.6# |
| 89 | 1.8 | 45.8 | 68.8# |

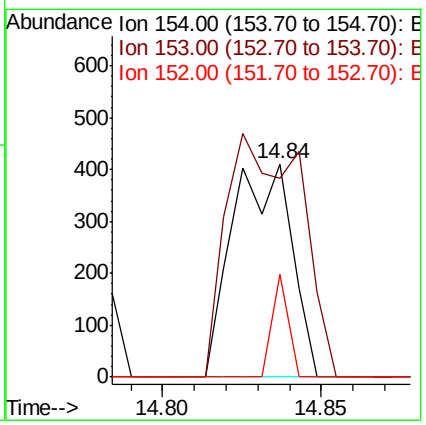


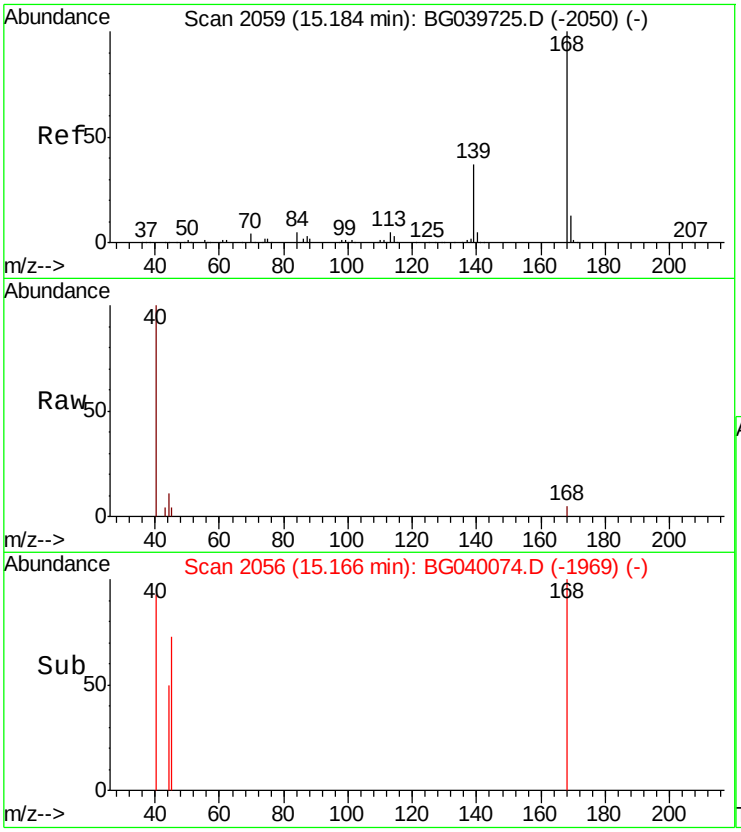




#52
Acenaphthene
Concen: 0.071 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion:154 Resp: 533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 93.2 | 90.1 | 135.1 |
| 152 | 47.9 | 40.9 | 61.3 |



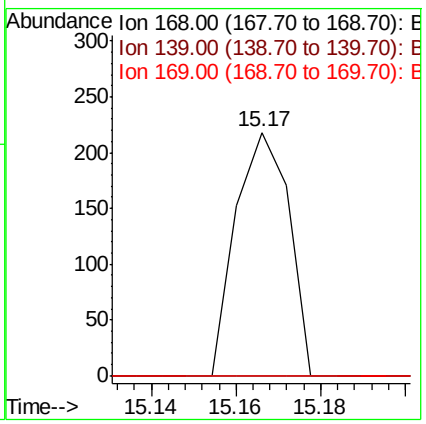


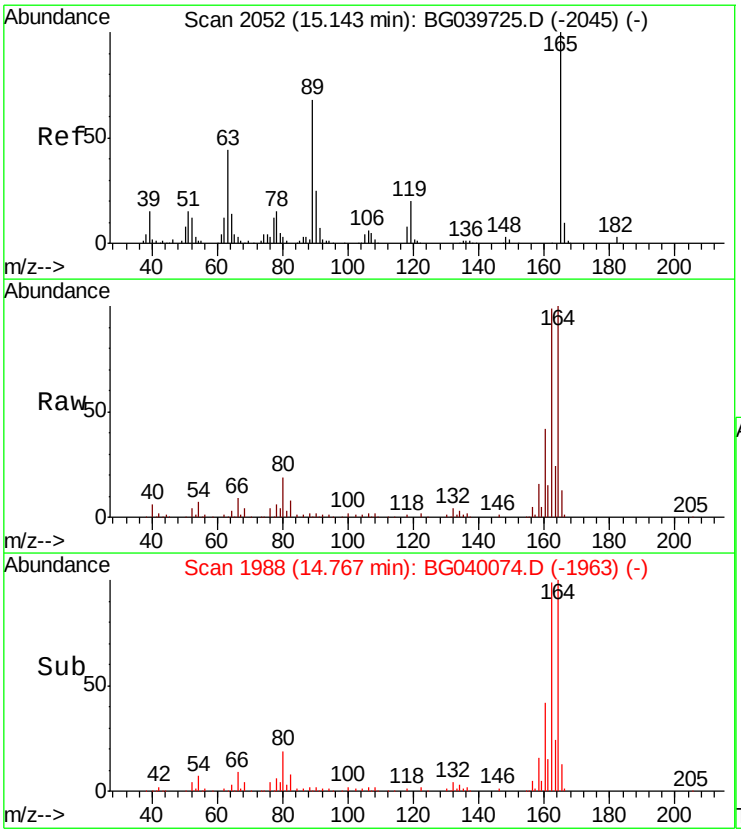

#55
Dibenzofuran
Concen: 0.015 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

**Instrument :**
BNA_G
**ClientSampleId :**
EO-02-032019-C

Tgt Ion:168 Resp: 191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 0.0 | 30.1 | 45.1# |
| 169 | 0.0 | 10.6 | 16.0# |

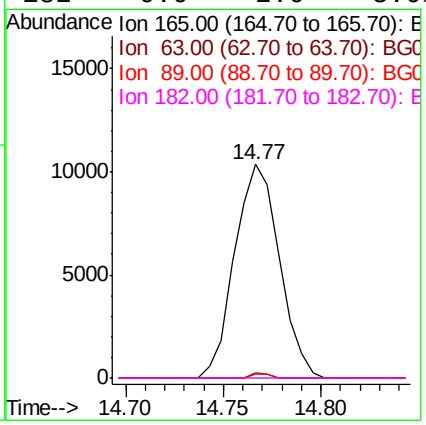


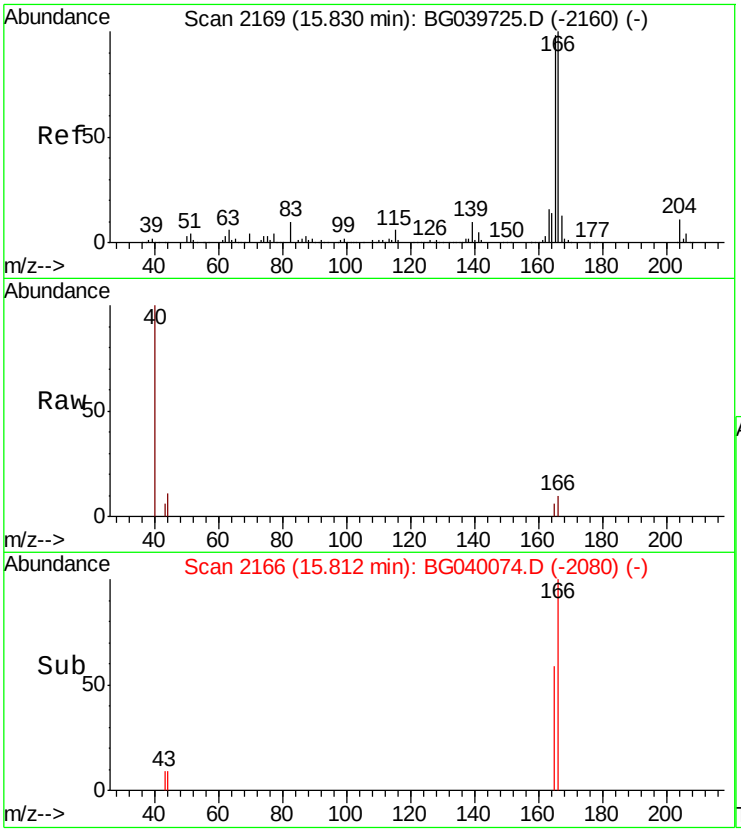




#57
2,4-Dinitrotoluene
Concen: 5.353 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.38 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion:165 Resp: 16411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 2.6 | 41.0 | 61.6# |
| 89 | 1.8 | 64.6 | 96.8# |
| 182 | 0.0 | 2.0 | 3.0# |



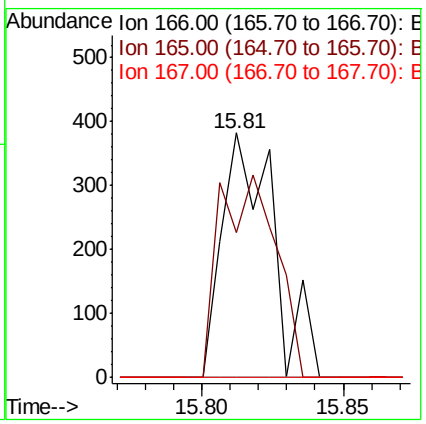


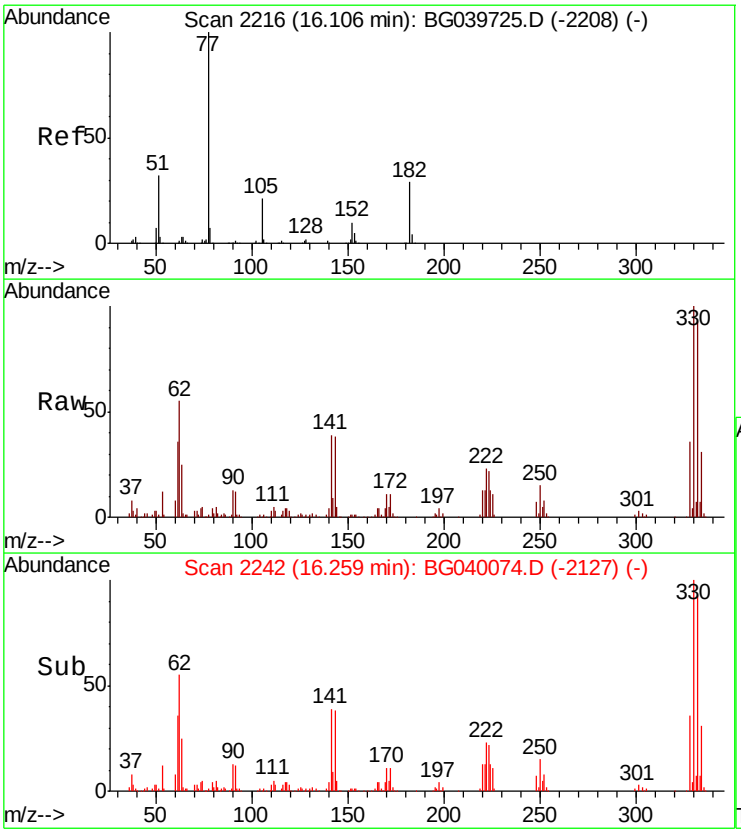

#58
Fluorene
Concen: 0.049 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

**Instrument :**
BNA_G
**ClientSampleId :**
EO-02-032019-C

Tgt Ion:166 Resp: 480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 59.2 | 77.9 | 116.9# |
| 167 | 0.0 | 10.8 | 16.2# |

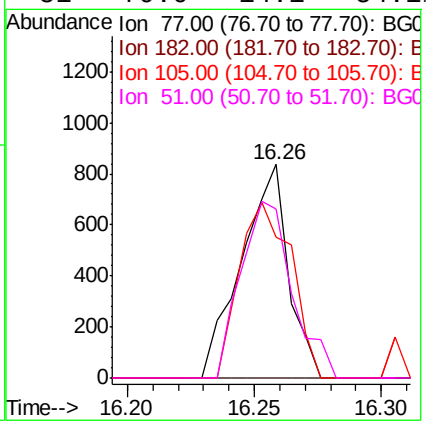


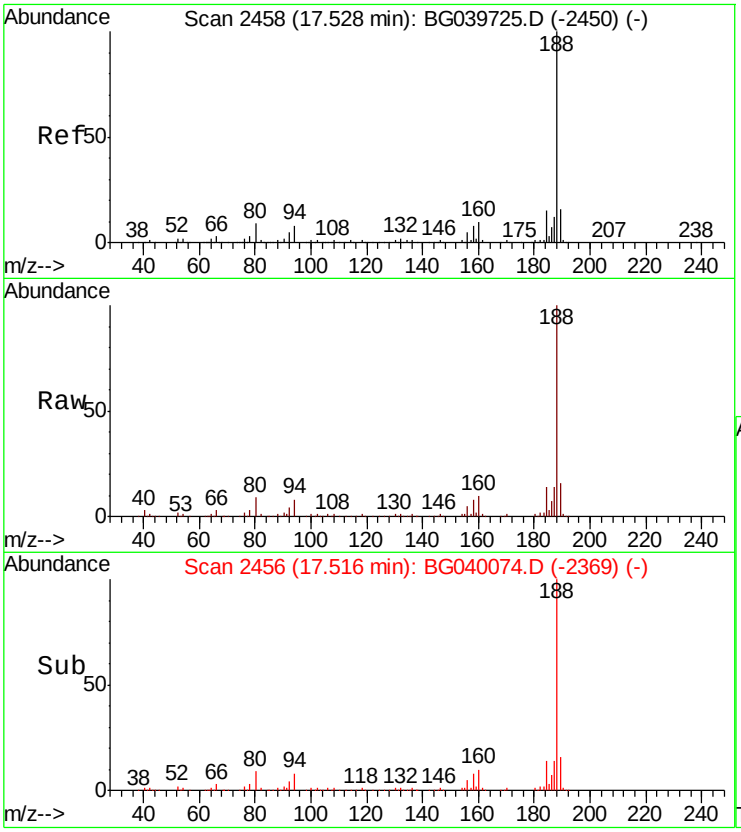




#63
Azobenzene
Concen: 0.117 ng
RT: 16.26 min Scan# 2242
Delta R.T. 0.15 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion: 77 Resp: 1079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 0.0 | 6.4 | 46.4# |
| 105 | 65.9 | 0.0 | 39.8# |
| 51 | 79.0 | 14.1 | 54.1# |



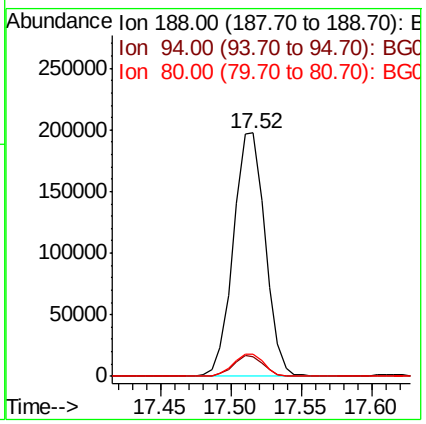


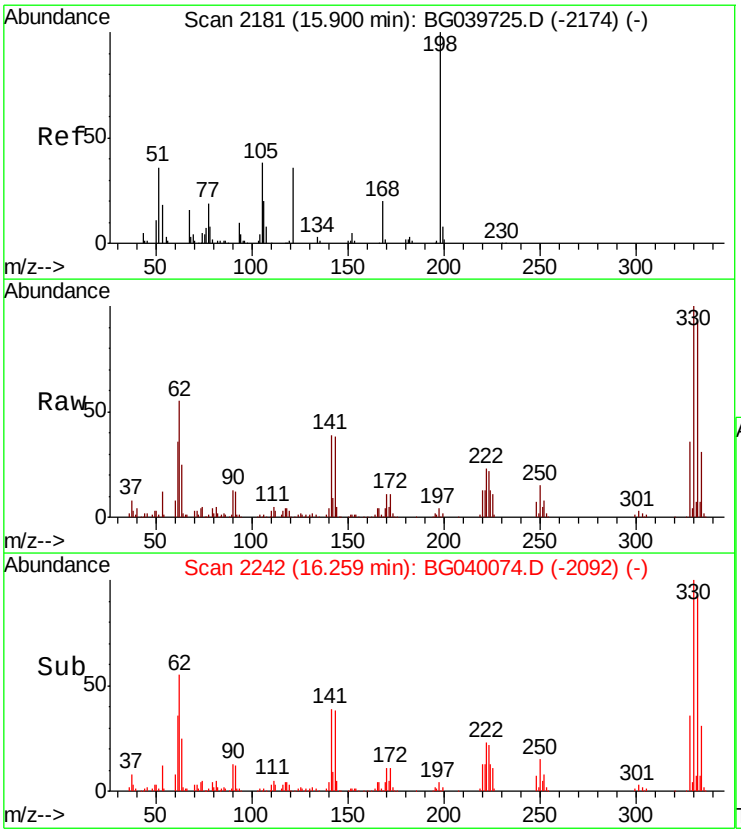

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

**Instrument :**
BNA_G
**ClientSampleId :**
EO-02-032019-C

Tgt Ion:188 Resp: 311360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.8 | 6.9 | 10.3 |
| 80 | 9.0 | 8.1 | 12.1 |

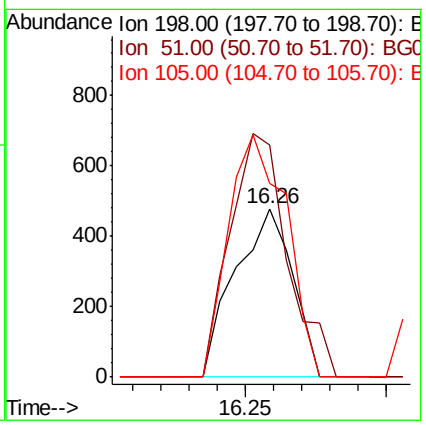


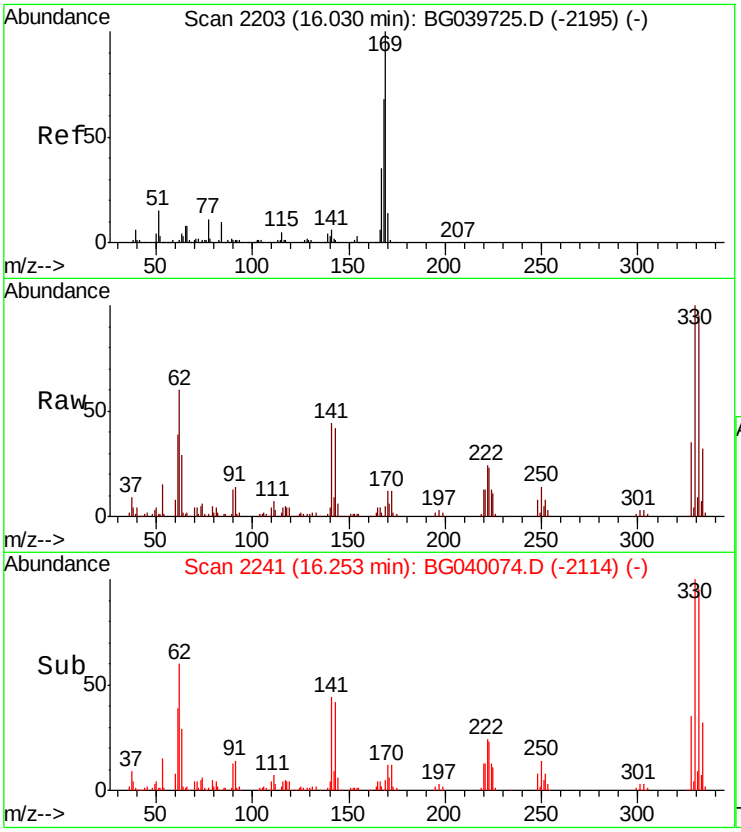




#65
4,6-Dinitro-2-methylphenol
Concen: 0.367 ng
RT: 16.26 min Scan# 2242
Delta R.T. 0.35 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion:198 Resp: 675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 138.0 | 27.4 | 67.4# |
| 105 | 115.2 | 19.7 | 59.7# |



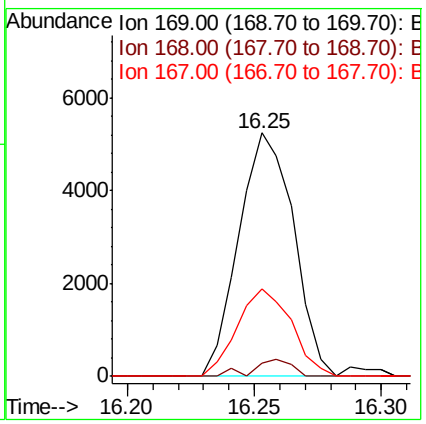


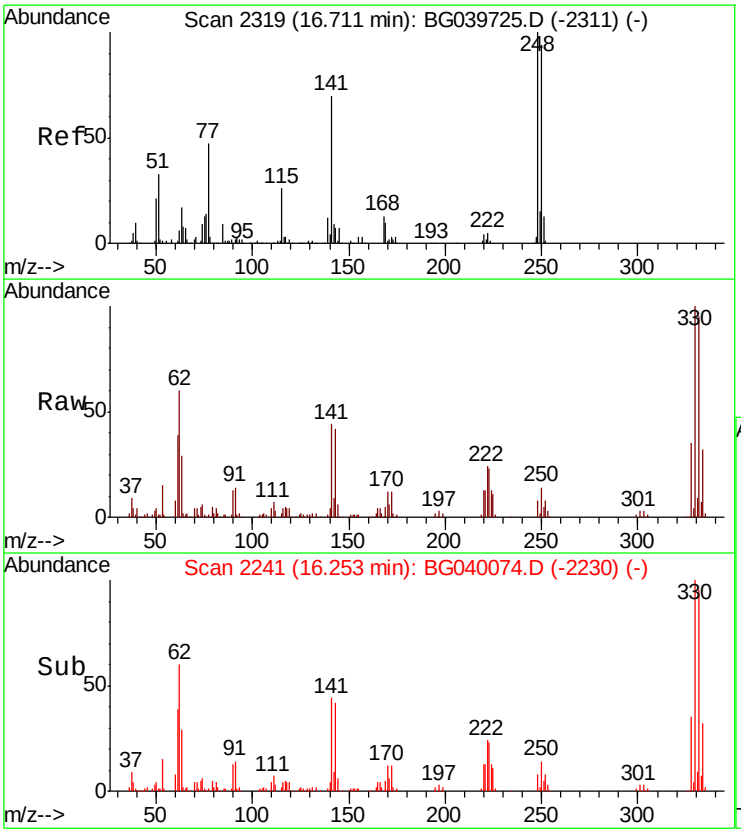

#66
n-Nitrosodiphenylamine
Concen: 0.876 ng
RT: 16.25 min Scan# 2241
Delta R.T. 0.22 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

**Instrument :**
BNA_G
**ClientSampleId :**
EO-02-032019-C

Tgt Ion:169 Resp: 7898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 5.6 | 56.6 | 85.0# |
| 167 | 36.0 | 28.8 | 43.2 |

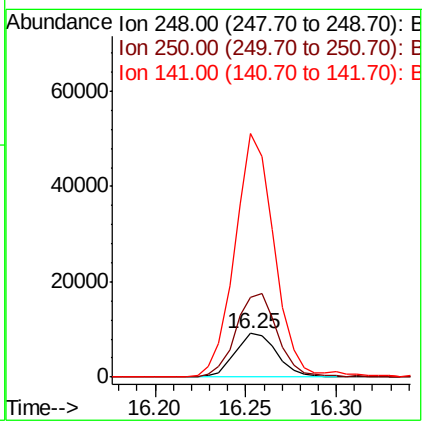


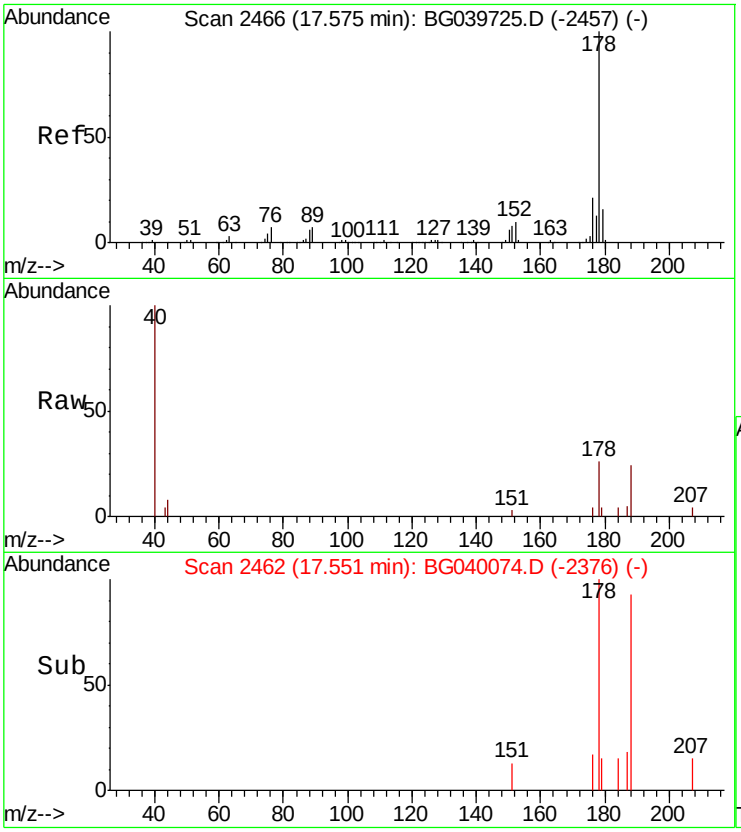




#67
4-Bromophenyl-phenylether
Concen: 4.205 ng
RT: 16.25 min Scan# 2241
Delta R.T. -0.46 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion:248 Resp: 14655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 182.4 | 77.6 | 116.4# |
| 141 | 556.0 | 63.9 | 95.9# |



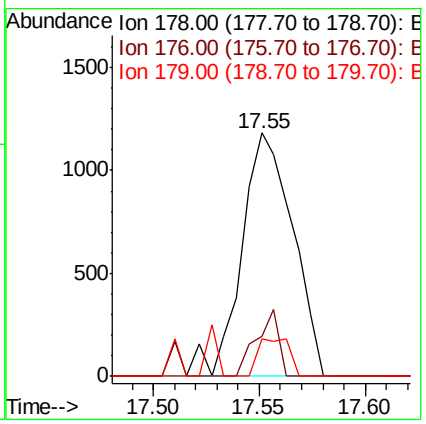


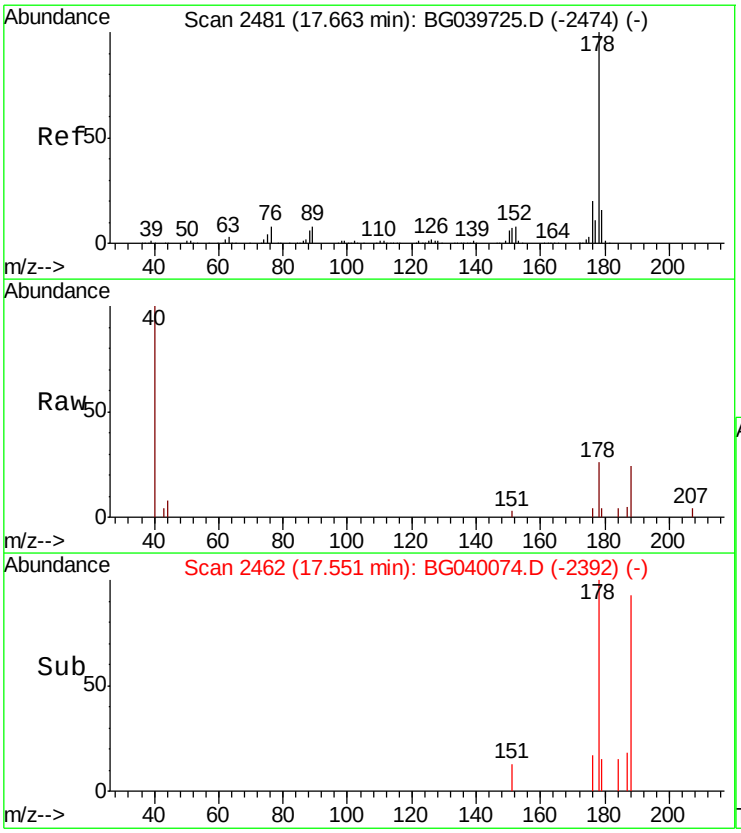

#71
Phenanthrene
Concen: 0.116 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.02 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

**Instrument :**
BNA_G
**ClientSampleId :**
EO-02-032019-C

Tgt Ion:178 Resp: 1996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 16.7 | 16.2 | 24.4 |
| 179 | 15.5 | 12.6 | 19.0 |

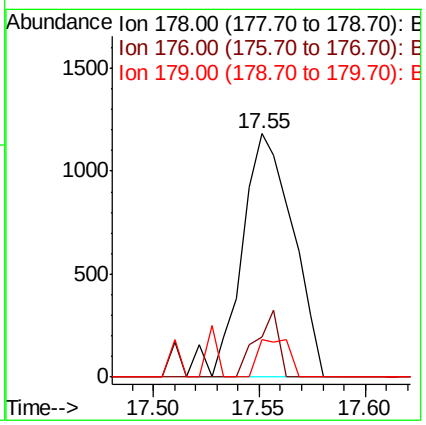


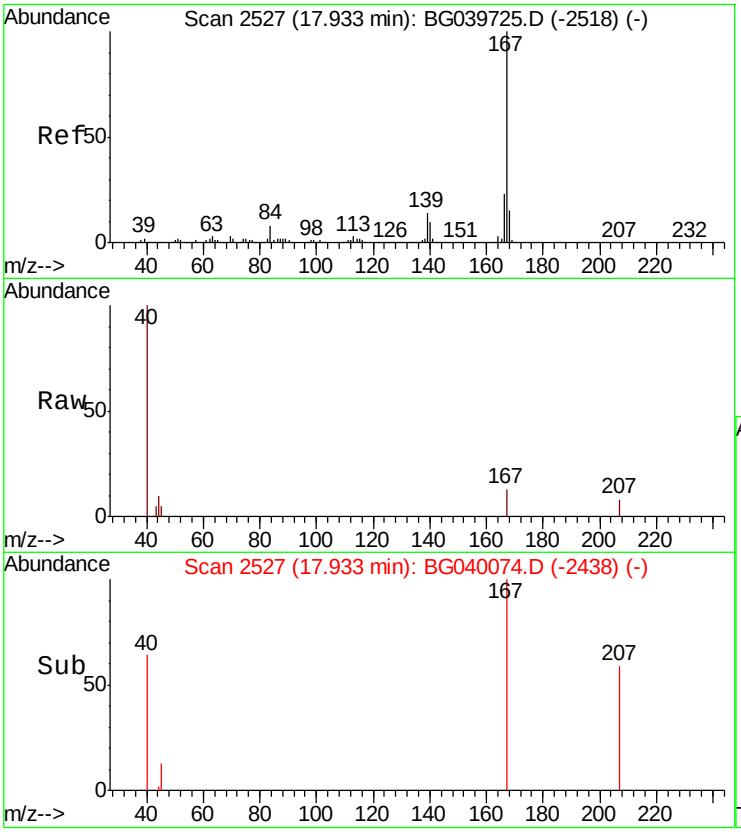




#72
Anthracene
Concen: 0.119 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.12 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion:178 Resp: 1996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 16.7 | 15.8 | 23.6 |
| 179 | 15.5 | 12.5 | 18.7 |



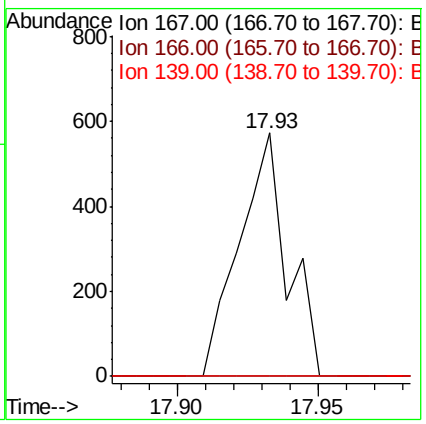


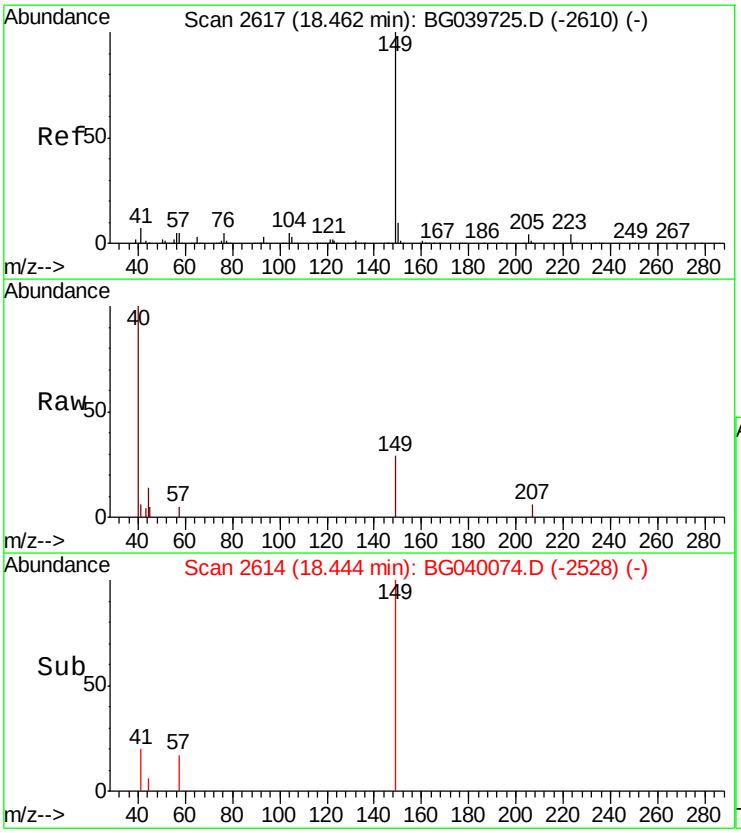

#73
Carbazole
Concen: 0.045 ng
RT: 17.93 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

**Instrument :**
BNA_G
**ClientSampleId :**
EO-02-032019-C

Tgt Ion:167 Resp: 677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 0.0 | 19.4 | 29.2# |
| 139 | 0.0 | 10.8 | 16.2# |

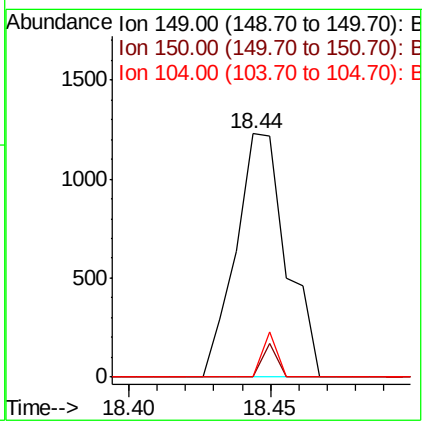


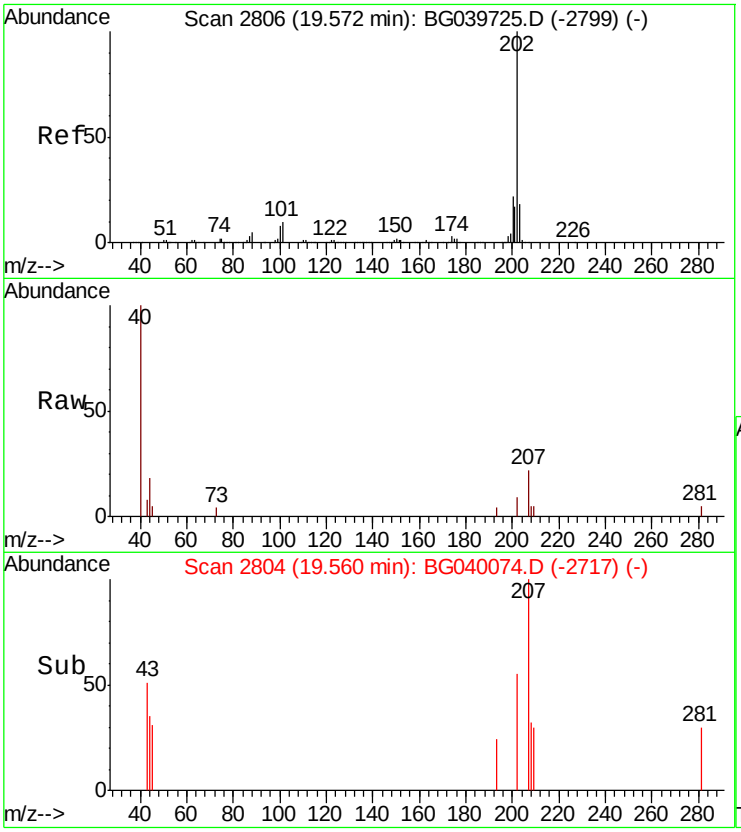




#74
Di-n-butylphthalate
Concen: 0.086 ng
RT: 18.44 min Scan# 2614
Delta R.T. -0.02 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion:149 Resp: 1529

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



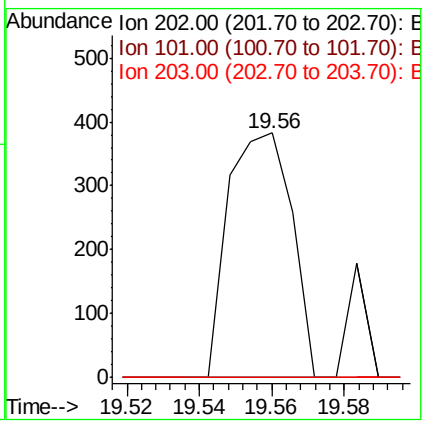


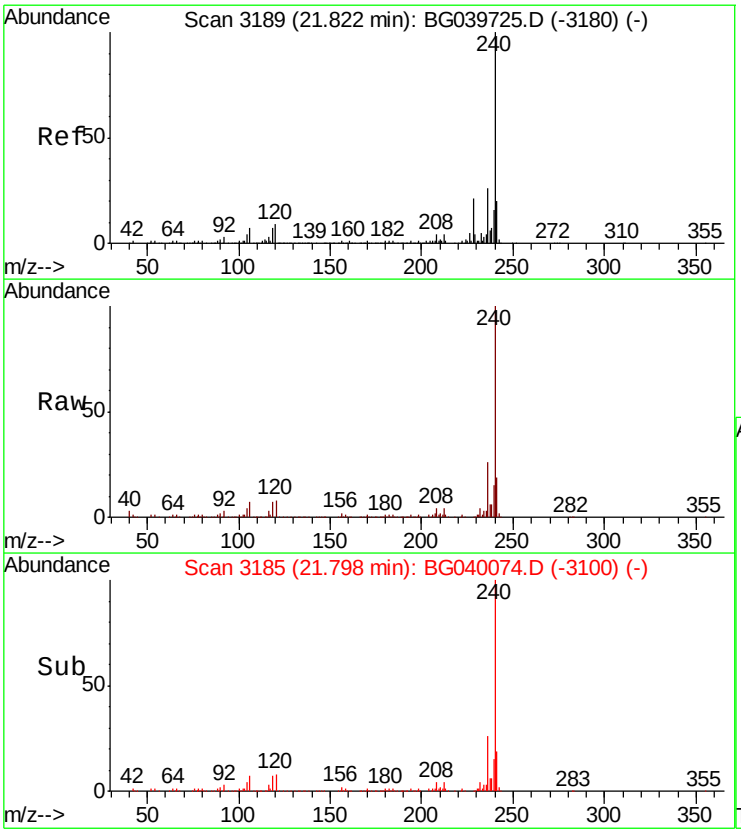

#75
Fluoranthene
Concen: 0.023 ng
RT: 19.56 min Scan# 2804
Delta R.T. -0.02 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

**Instrument :**
BNA_G
**ClientSampleId :**
EO-02-032019-C

Tgt Ion:202 Resp: 468

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

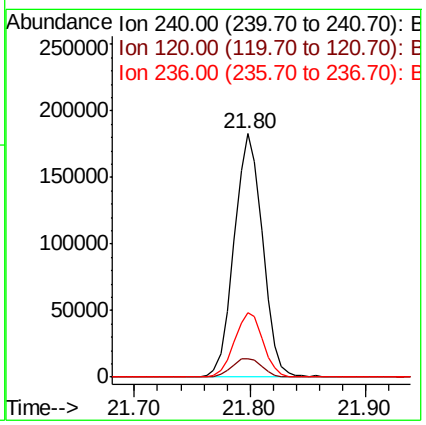


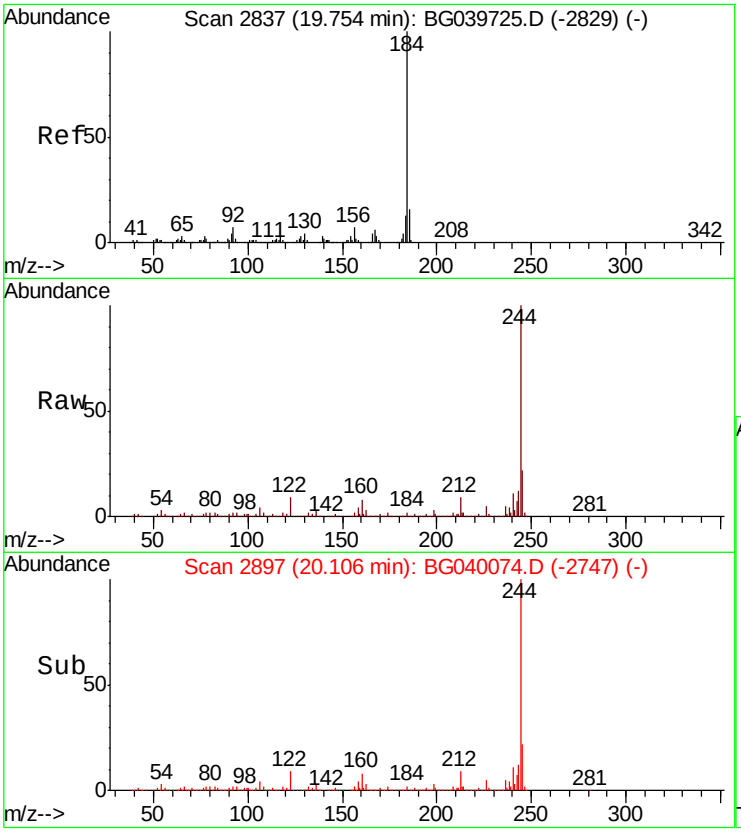




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion:240 Resp: 311180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.6 | 7.0 | 10.6 |
| 236 | 26.2 | 21.0 | 31.4 |



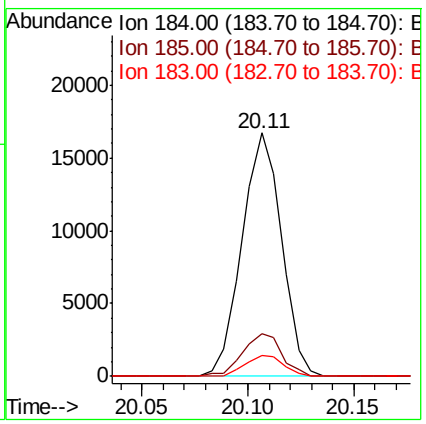


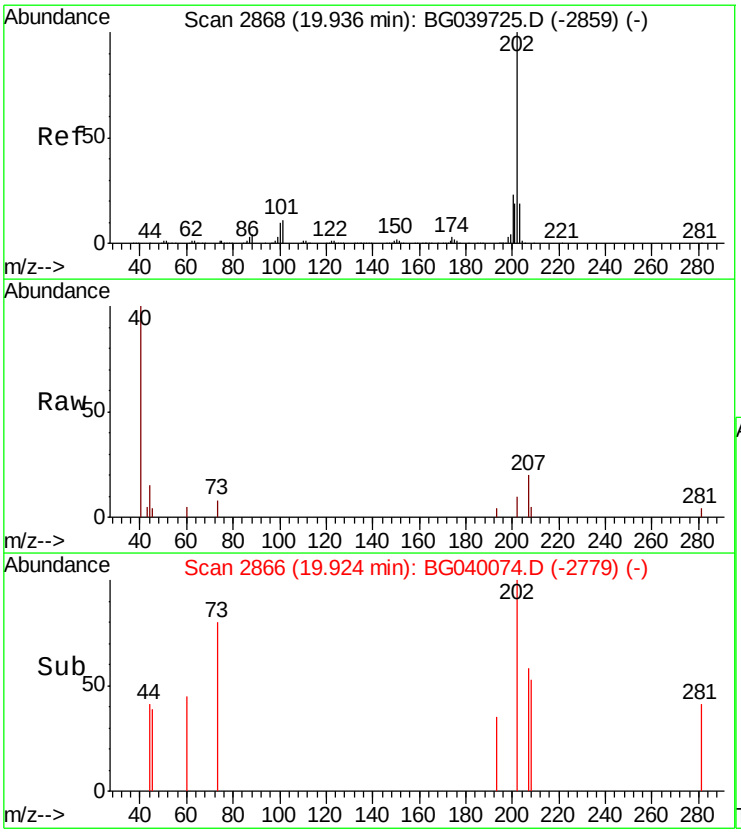

#77
Benzidine
Concen: 2.199 ng
RT: 20.11 min Scan# 2897
Delta R.T. 0.35 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

**Instrument :**
BNA_G
**ClientSampleId :**
EO-02-032019-C

Tgt Ion:184 Resp: 21716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 17.7 | 12.2 | 18.2 |
| 183 | 8.5 | 10.6 | 15.8# |

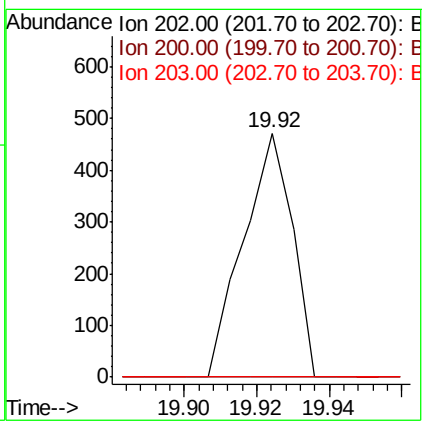


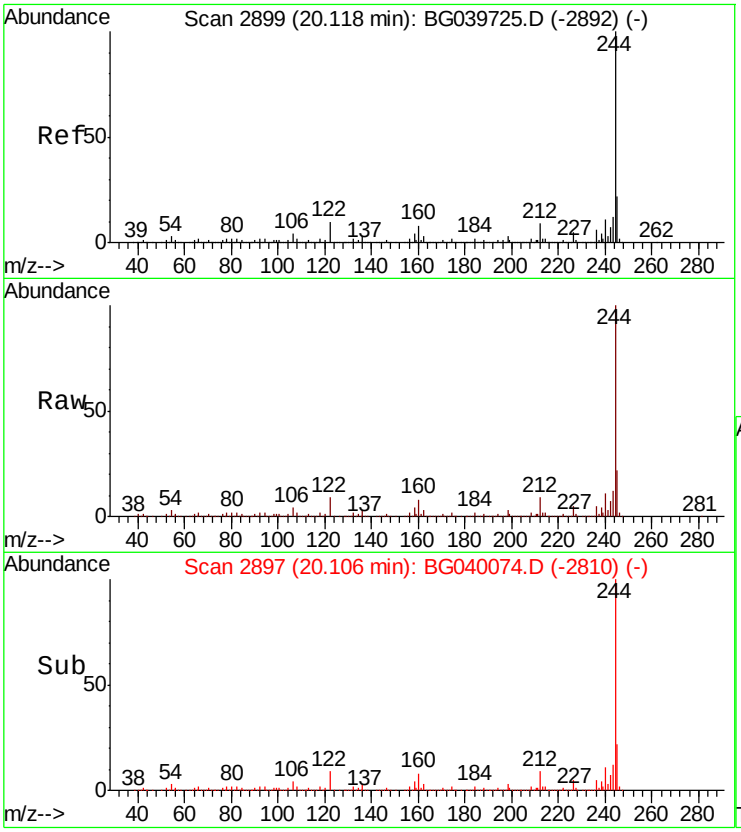




#78
Pyrene
Concen: 0.022 ng
RT: 19.92 min Scan# 2866
Delta R.T. -0.02 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion:202 Resp: 441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 0.0 | 17.8 | 26.8# |
| 203 | 0.0 | 15.3 | 22.9# |



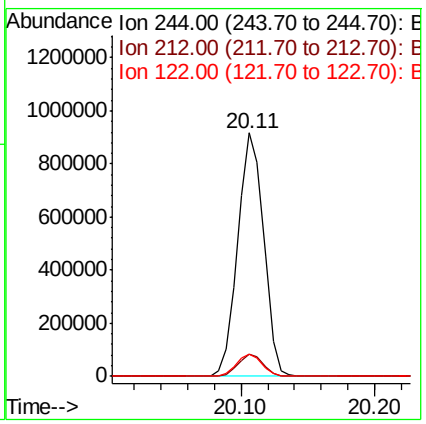


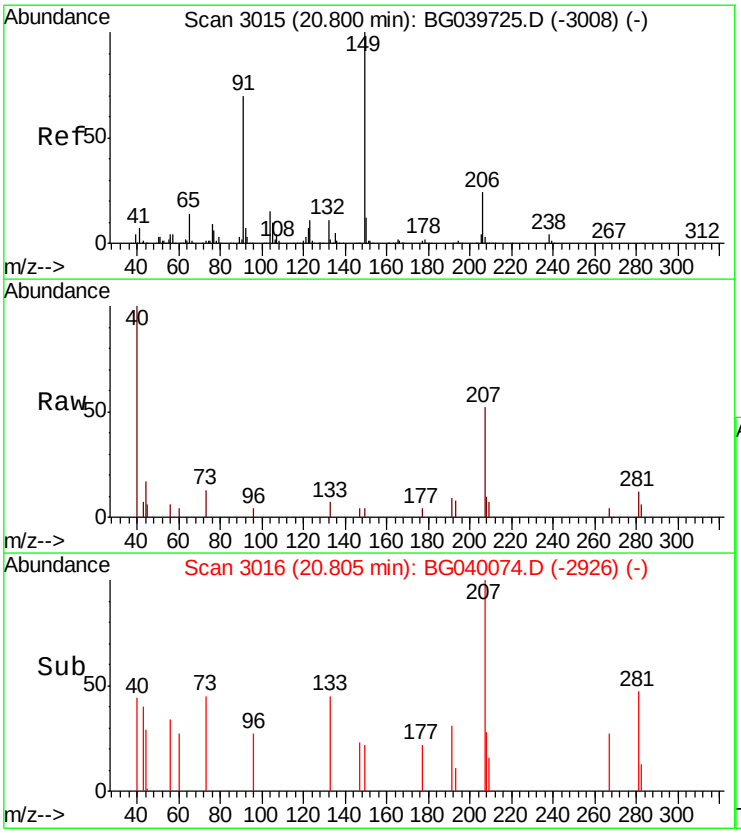

#79
Terphenyl-d14
Concen: 86.785 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

**Instrument :**
BNA_G
**ClientSampleId :**
EO-02-032019-C

Tgt Ion:244 Resp: 1226528

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

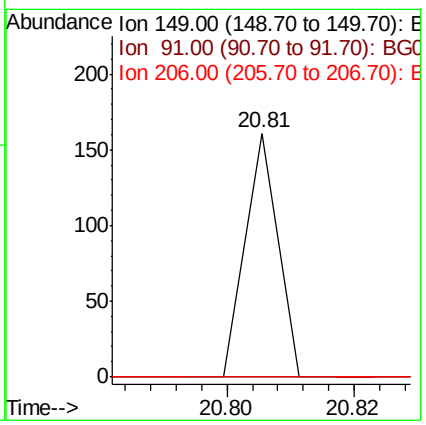


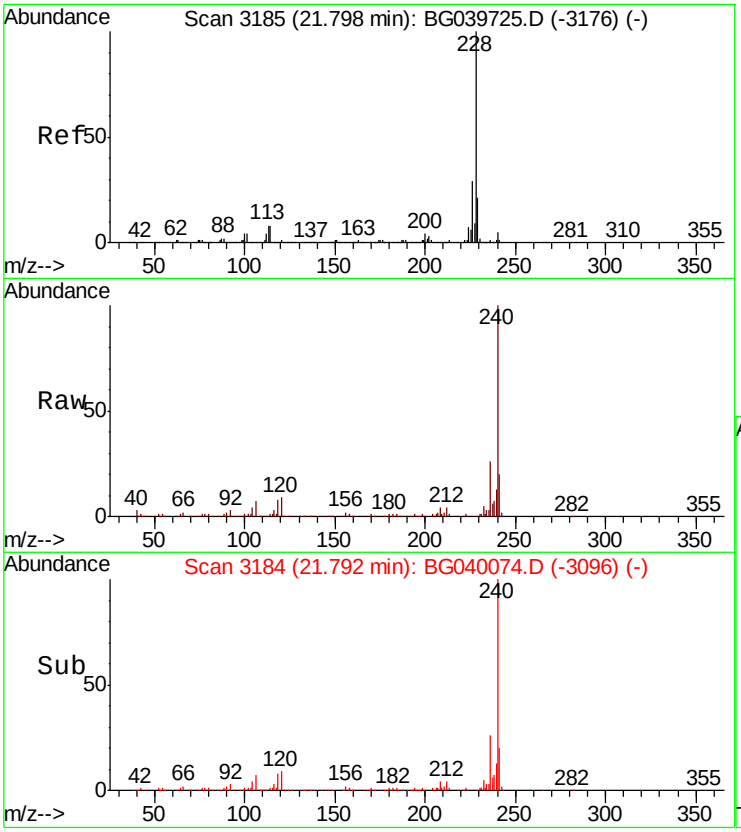




#80
Butylbenzylphthalate
Concen: 0.007 ng
RT: 20.81 min Scan# 3016
Delta R.T. -0.00 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion:149 Resp: 57

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



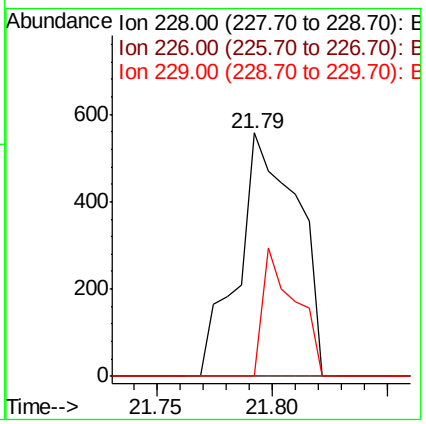


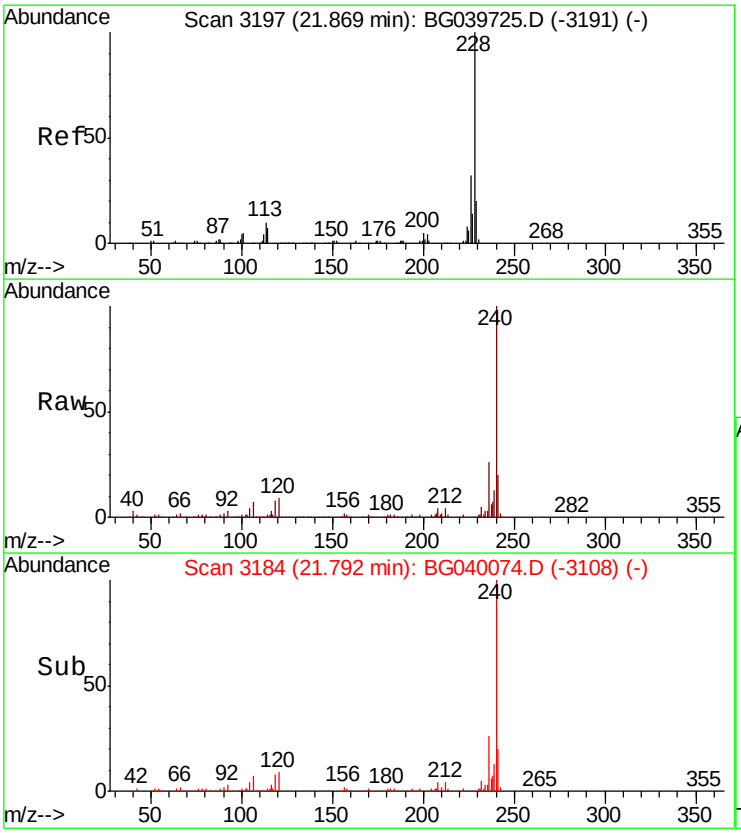

#81
Benzo(a)anthracene
Concen: 0.051 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.01 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

**Instrument :**
BNA_G
**ClientSampleId :**
EO-02-032019-C

Tgt Ion:228 Resp: 987

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

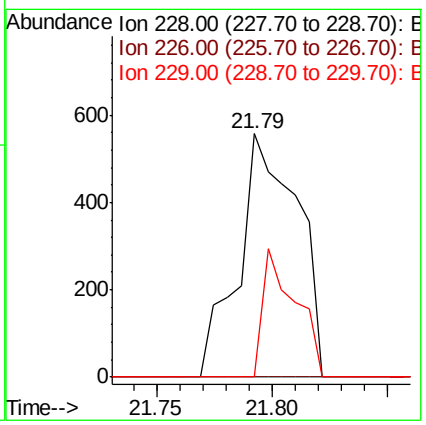


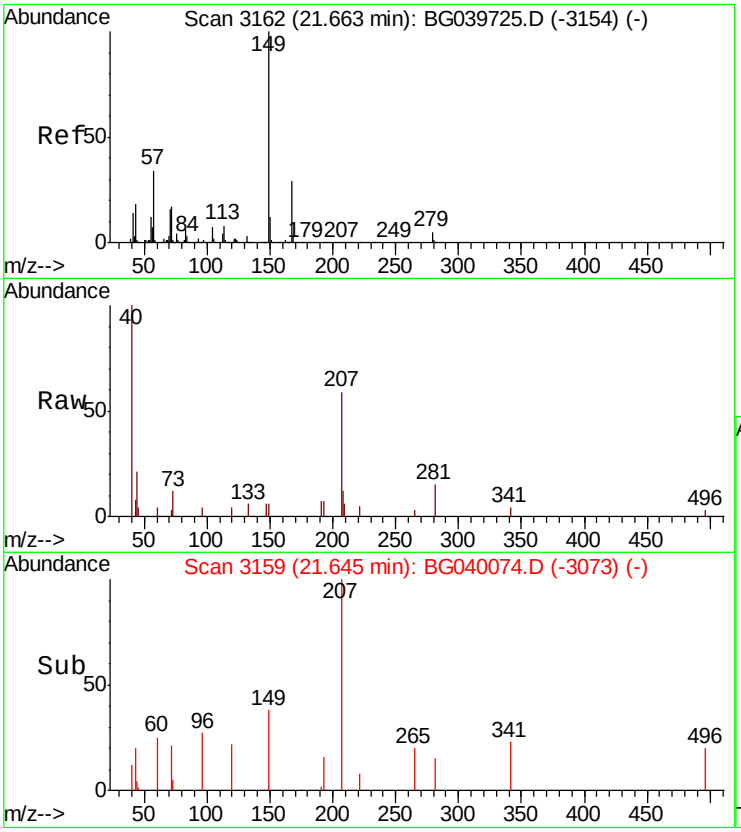




#83
Chrysene
Concen: 0.052 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.08 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion:228 Resp: 987

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



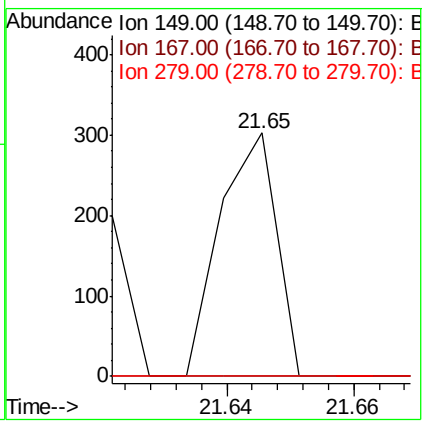


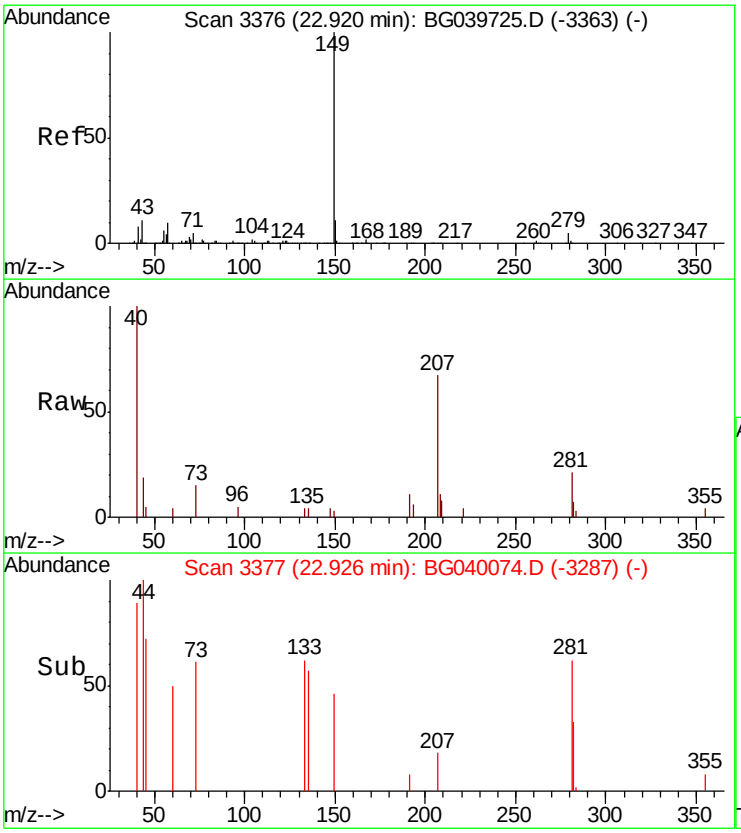

#84
Bis(2-ethylhexyl)phthalate
Concen: 0.017 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.02 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

**Instrument :**
BNA_G
**ClientSampleId :**
EO-02-032019-C

Tgt Ion:149 Resp: 185

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

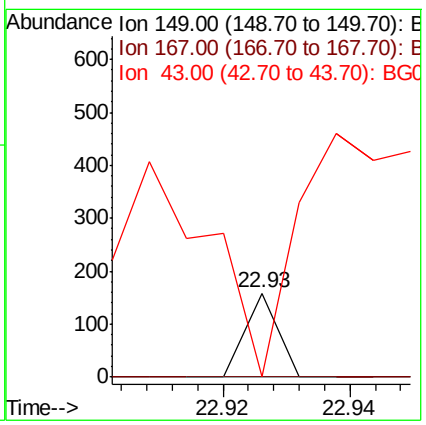


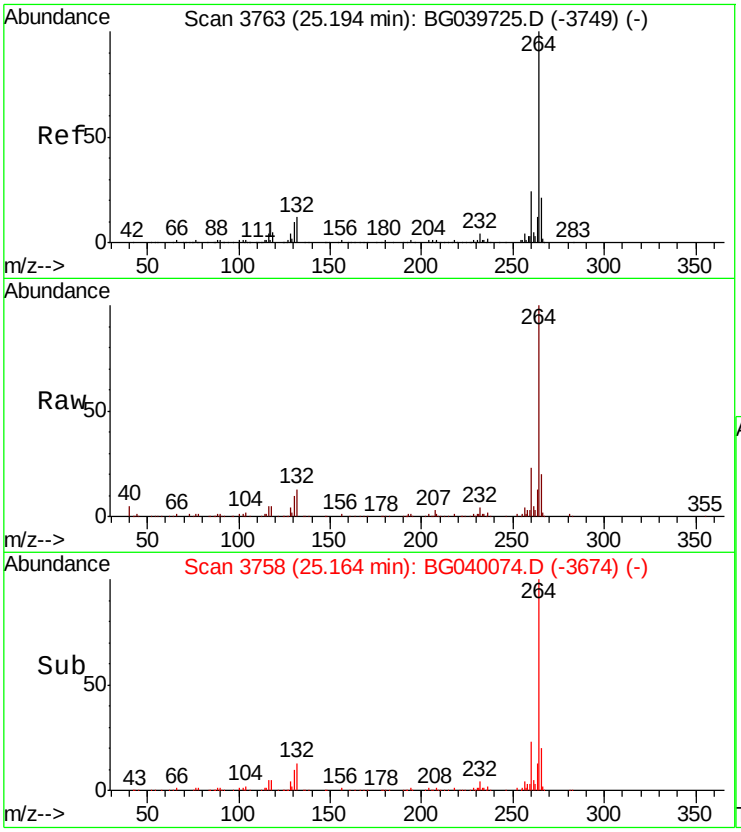




#85
Di-n-octyl phthalate
Concen: 0.003 ng
RT: 22.93 min Scan# 3377
Delta R.T. -0.00 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion:149 Resp: 56

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 0.0 | 1.3 | 1.9# |
| 43 | 1433.9 | 10.2 | 15.4# |



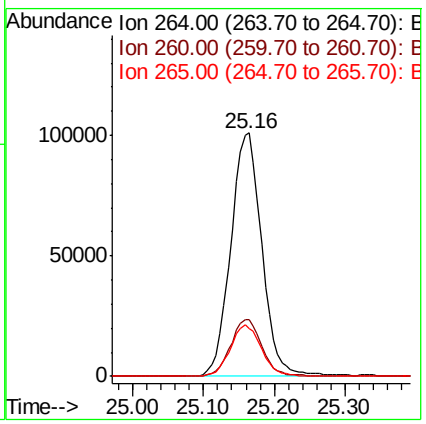


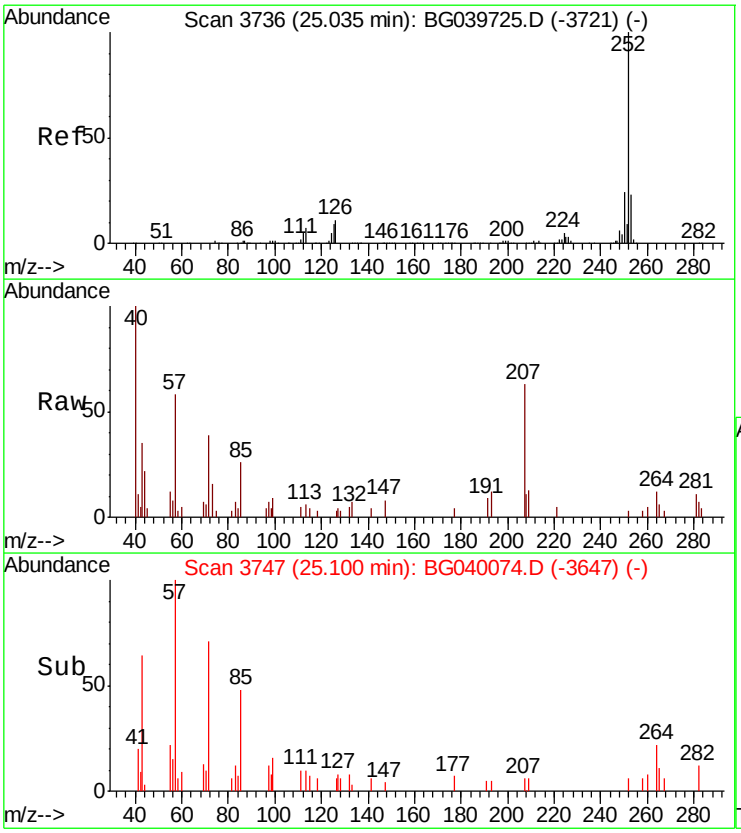

#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3758
Delta R.T. -0.04 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

**Instrument :**
BNA_G
**ClientSampleId :**
EO-02-032019-C

Tgt Ion:264 Resp: 308349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.2 | 18.2 | 27.4 |
| 265 | 19.9 | 18.5 | 27.7 |




#90
Benzo(a)pyrene
Concen: 0.003 ng
RT: 25.10 min Scan# 3747
Delta R.T. 0.06 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion:252 Resp: 55

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