Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051517\
Data File : BM010047.D
Acq On : 15 May 2017 19:31
Operator : SJ/MA
Sample : I3121-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: May 16 04:20:52 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 19:50:16 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.76 | 152 | 45073 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 10.55 | 136 | 169170 | 20.00 | ng | | -0.03 |
| 38) Acenaphthene-d10 | 14.41 | 164 | 89225 | 20.00 | ng | | -0.03 |
| 63) Phenanthrene-d10 | 17.16 | 188 | 194181 | 20.00 | ng | | -0.04 |
| 75) Chrysene-d12 | 21.36 | 240 | 248476 | 20.00 | ng | | -0.03 |
| 86) Perylene-d12 | 23.65 | 264 | 215829 | 20.00 | ng | | -0.04 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.35 | 112 | 389474 | 135.22 | ng | | -0.02 |
| 7) Phenol-d6 | 6.94 | 99 | 493291 | 106.89 | ng | | -0.03 |
| 23) Nitrobenzene-d5 | 8.93 | 82 | 464918 | 100.43 | ng | | -0.03 |
| 41) 2,4,6-Tribromophenol | 15.91 | 330 | 155498 | 127.34 | ng | | -0.03 |
| 44) 2-Fluorobiphenyl | 13.02 | 172 | 659714 | 98.88 | ng | | -0.03 |
| 78) Terphenyl-d14 | 19.79 | 244 | 996748 | 84.54 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.29 | 88 | 48765 | 45.70 | ng | # | 100 |
| 3) Pyridine | 3.69 | 79 | 88359 | 22.47 | ng | # | 83 |
| 4) n-Nitrosodimethylamine | 3.60 | 42 | 122696 | 56.96 | ng | # | 45 |
| 6) Aniline | 7.10 | 93 | 84181 | 14.05 | ng | # | 87 |
| 8) 2-Chlorophenol | 7.33 | 128 | 129921 | 41.55 | ng | # | 72 |
| 9) Benzaldehyde | 6.92 | 77 | 86525 | 25.05 | ng | # | 76 |
| 10) Phenol | 6.96 | 94 | 180505 | 35.99 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.19 | 93 | 155316 | 39.83 | ng | | 83 |
| 12) 1,3-Dichlorobenzene | 7.65 | 146 | 145639 | 41.72 | ng | # | 77 |
| 13) 1,4-Dichlorobenzene | 7.79 | 146 | 146416 | 40.93 | ng | # | 92 |
| 14) 1,2-Dichlorobenzene | 8.10 | 146 | 140655 | 40.56 | ng | # | 89 |
| 15) Benzyl Alcohol | 8.02 | 79 | 162448 | 41.30 | ng | # | 81 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.29 | 45 | 253283 | 40.93 | ng | | 98 |
| 17) 2-Methylphenol | 8.21 | 107 | 115629 | 35.32 | ng | # | 72 |
| 18) Hexachloroethane | 8.82 | 117 | 70945 | 47.84 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 8.57 | 70 | 155316 | 37.09 | ng | # | 81 |
| 20) 3+4-Methylphenols | 8.55 | 107 | 156623 | 35.14 | ng | | 82 |
| 22) Acetophenone | 8.59 | 105 | 231436 | 44.75 | ng | # | 80 |
| 24) Nitrobenzene | 8.97 | 77 | 240175 | 48.75 | ng | # | 84 |
| 25) Isophorone | 9.49 | 82 | 359381 | 45.11 | ng | # | 85 |
| 26) 2-Nitrophenol | 9.68 | 139 | 67394 | 45.43 | ng | # | 28 |
| 27) 2,4-Dimethylphenol | 9.73 | 122 | 119976 | 43.21 | ng | # | 81 |
| 28) bis(2-Chloroethoxy)methane | 9.97 | 93 | 202274 | 42.15 | ng | # | 97 |
| 29) 2,4-Dichlorophenol | 10.22 | 162 | 113637 | 42.06 | ng | | 91 |
| 30) 1,2,4-Trichlorobenzene | 10.41 | 180 | 134340 | 42.59 | ng | | 96 |
| 31) Naphthalene | 10.60 | 128 | 403654 | 43.34 | ng | | 99 |
| 32) Benzoic acid | 9.92 | 122 | 63984 | 34.45 | ng | # | 66 |
| 33) 4-Chloroaniline | 10.75 | 127 | 19178 | 4.84 | ng | # | 75 |
| 34) Hexachlorobutadiene | 10.86 | 225 | 95966 | 44.71 | ng | | 97 |
| 35) Caprolactam | 11.55 | 113 | 27320 | 25.88 | ng | # | 50 |
| 36) 4-Chloro-3-methylphenol | 11.86 | 107 | 136363 | 37.77 | ng | # | 74 |
| 37) 2-Methylnaphthalene | 12.22 | 142 | 278474 | 41.77 | ng | # | 89 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.59 | 216 | 151989 | 46.80 | ng | # | 100 |
| 40) Hexachlorocyclopentadiene | 12.55 | 237 | 98286 | 101.03 | ng | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051517\
Data File : BM010047.D
Acq On : 15 May 2017 19:31
Operator : SJ/MA
Sample : I3121-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: May 16 04:20:52 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 19:50:16 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 12.84 | 196 | 93254 | 46.64 | ng | # | 93 |
| 43) 2,4,5-Trichlorophenol | 12.93 | 196 | 86780 | 39.96 | ng | # | 79 |
| 45) 1,1'-Biphenyl | 13.23 | 154 | 352205 | 47.43 | ng | | 94 |
| 46) 2-Chloronaphthalene | 13.28 | 162 | 279153 | 47.84 | ng | # | 90 |
| 47) 2-Nitroaniline | 13.52 | 65 | 129954 | 49.20 | ng | # | 59 |
| 48) Acenaphthylene | 14.13 | 152 | 434012 | 47.23 | ng | | 98 |
| 49) Dimethylphthalate | 13.87 | 163 | 333467 | 42.40 | ng | # | 98 |
| 50) 2,6-Dinitrotoluene | 14.00 | 165 | 68402 | 42.92 | ng | # | 12 |
| 51) Acenaphthene | 14.47 | 154 | 261023 | 45.08 | ng | | 98 |
| 52) 3-Nitroaniline | 14.35 | 138 | 30655 | 18.11 | ng | # | 47 |
| 53) 2,4-Dinitrophenol | 14.57 | 184 | 71556 | 75.96 | ng | # | 63 |
| 54) Dibenzofuran | 14.81 | 168 | 430633 | 48.55 | ng | # | 89 |
| 55) 4-Nitrophenol | 14.67 | 139 | 86801 | 76.58 | ng | # | 1 |
| 56) 2,4-Dinitrotoluene | 14.81 | 165 | 103308 | 43.82 | ng | # | 33 |
| 57) Fluorene | 15.46 | 166 | 345012 | 44.11 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.04 | 232 | 83197 | 44.34 | ng | # | 100 |
| 59) Diethylphthalate | 15.23 | 149 | 364964 | 44.20 | ng | | 95 |
| 60) 4-Chlorophenyl-phenylether | 15.45 | 204 | 181491 | 42.49 | ng | | 97 |
| 61) 4-Nitroaniline | 15.52 | 138 | 64144 | 37.20 | ng | # | 1 |
| 62) Azobenzene | 15.75 | 77 | 575221 | 57.41 | ng | | 77 |
| 64) 4,6-Dinitro-2-methylphenol | 15.57 | 198 | 53156 | 42.51 | ng | # | 57 |
| 65) n-Nitrosodiphenylamine | 15.67 | 169 | 282470 | 46.88 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 16.35 | 248 | 110620 | 47.96 | ng | # | 86 |
| 67) Hexachlorobenzene | 16.46 | 284 | 112536 | 43.96 | ng | # | 81 |
| 68) Atrazine | 16.63 | 200 | 80737 | 36.67 | ng | | 95 |
| 69) Pentachlorophenol | 16.82 | 266 | 106744 | 84.88 | ng | | 98 |
| 70) Phenanthrene | 17.21 | 178 | 519167 | 46.58 | ng | | 99 |
| 71) Anthracene | 17.30 | 178 | 533352 | 46.91 | ng | | 98 |
| 72) Carbazole | 17.58 | 167 | 456837 | 45.01 | ng | | 99 |
| 73) Di-n-butylphthalate | 18.12 | 149 | 610632 | 47.32 | ng | # | 95 |
| 74) Fluoranthene | 19.23 | 202 | 623922 | 43.63 | ng | | 97 |
| 76) Benzidine | 19.44 | 184 | 46852 | 7.54 | ng | | 97 |
| 77) Pyrene | 19.59 | 202 | 649189 | 43.90 | ng | | 100 |
| 79) Butylbenzylphthalate | 20.48 | 149 | 296060 | 48.08 | ng | # | 60 |
| 80) Benzo(a)anthracene | 21.34 | 228 | 714479 | 47.86 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 21.28 | 252 | 111800 | 20.33 | ng | # | 94 |
| 82) Chrysene | 21.39 | 228 | 629017 | 44.93 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.24 | 149 | 430649 | 46.84 | ng | | 96 |
| 84) Di-n-octyl phthalate | 22.13 | 149 | 743857 | 47.16 | ng | # | 79 |
| 85) Indeno(1,2,3-cd)pyrene | 25.98 | 276 | 784343 | 66.46 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 22.96 | 252 | 692144 | 47.36 | ng | # | 92 |
| 88) Benzo(k)fluoranthene | 23.00 | 252 | 688128 | 49.55 | ng | # | 97 |
| 89) Benzo(a)pyrene | 23.55 | 252 | 668147 | 51.85 | ng | | 95 |
| 90) Dibenzo(a,h)anthracene | 25.98 | 278 | 666742 | 58.63 | ng | # | 95 |
| 91) Benzo(g,h,i)perylene | 26.69 | 276 | 592624 | 56.55 | ng | # | 93 |

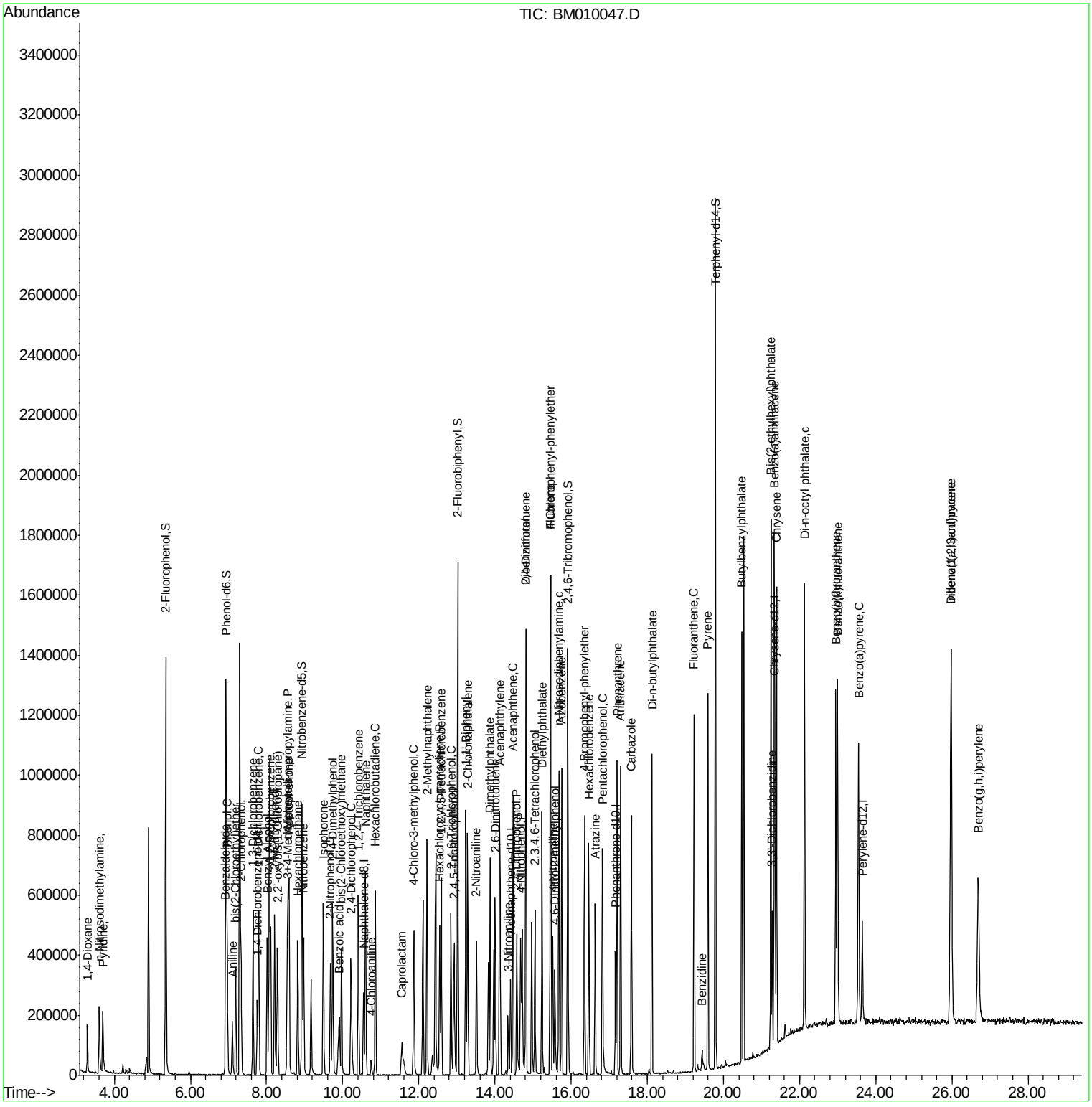
(#) = qualifier out of range (m) = manual integration (+) = signals summed

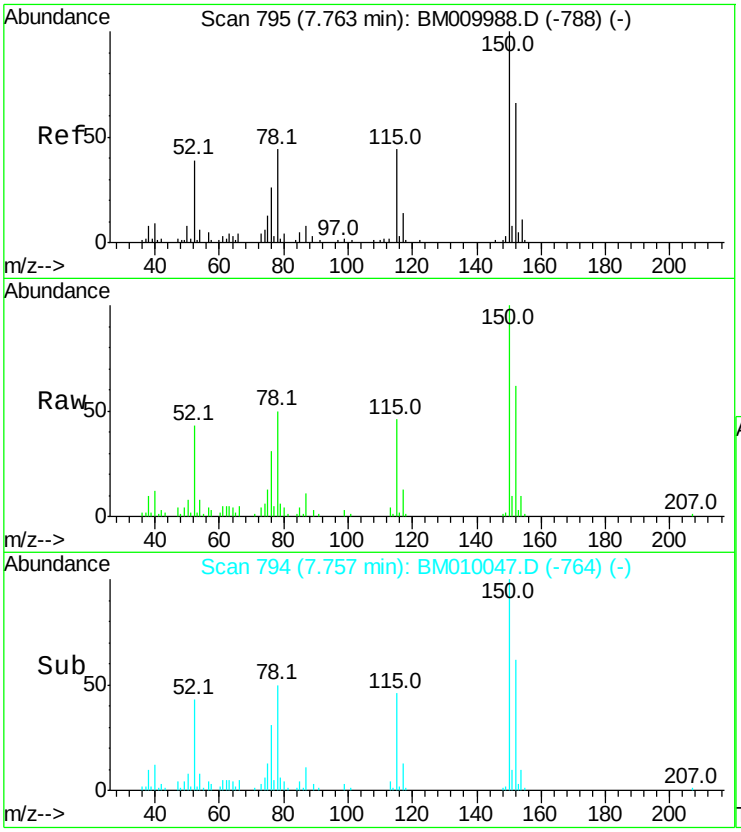
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051517\
Data File : BM010047.D
Acq On : 15 May 2017 19:31
Operator : SJ/MA
Sample : I3121-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: May 16 04:20:52 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 19:50:16 2017
Response via : Initial Calibration



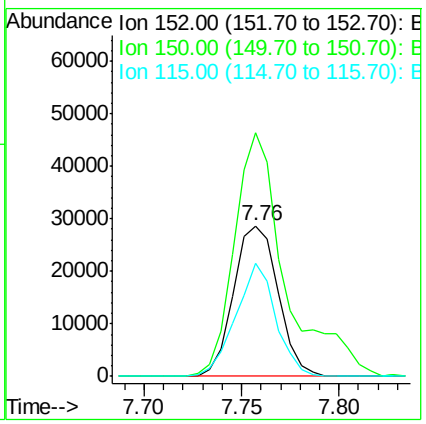


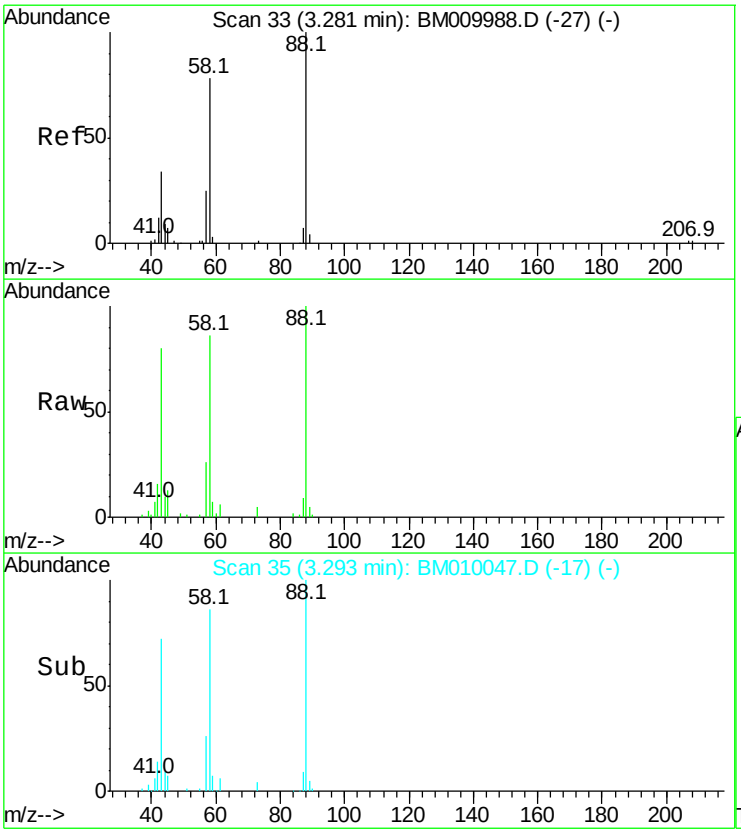

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:152 Resp: 45073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 161.7 | 119.5 | 179.3 |
| 115 | 75.0 | 43.0 | 64.4# |

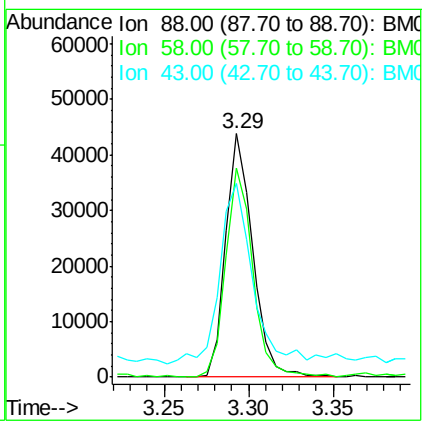


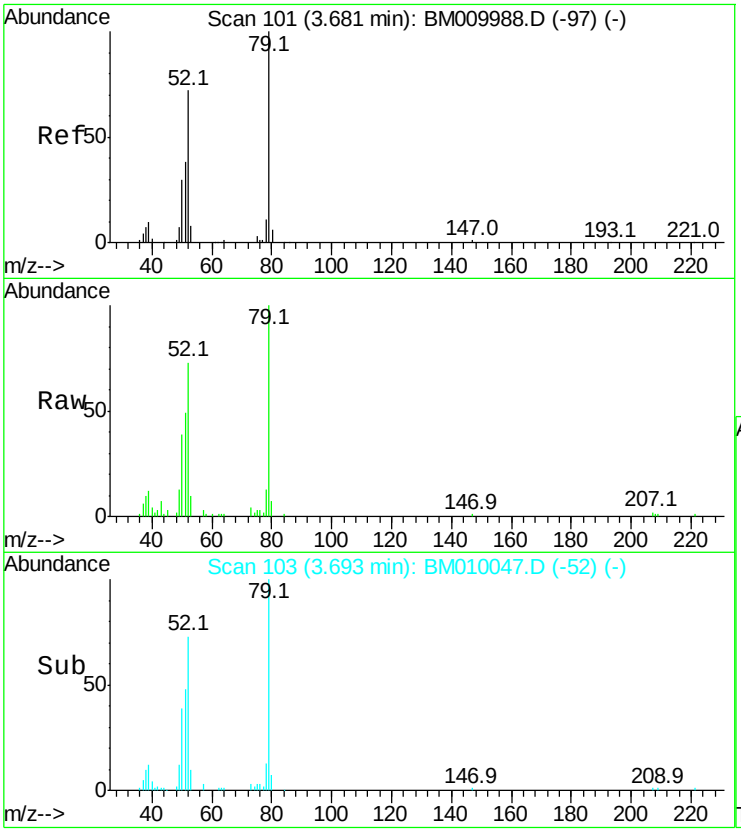




#2
1,4-Dioxane
Concen: 45.70 ng
RT: 3.29 min Scan# 35
Delta R.T. 0.01 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion: 88 Resp: 48765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 86.3 | 0.0 | 0.0# |
| 43 | 91.1 | 0.0 | 0.0# |



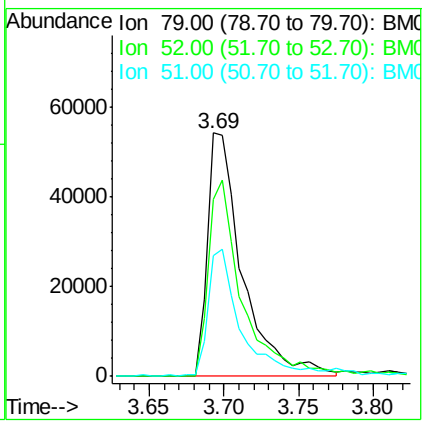


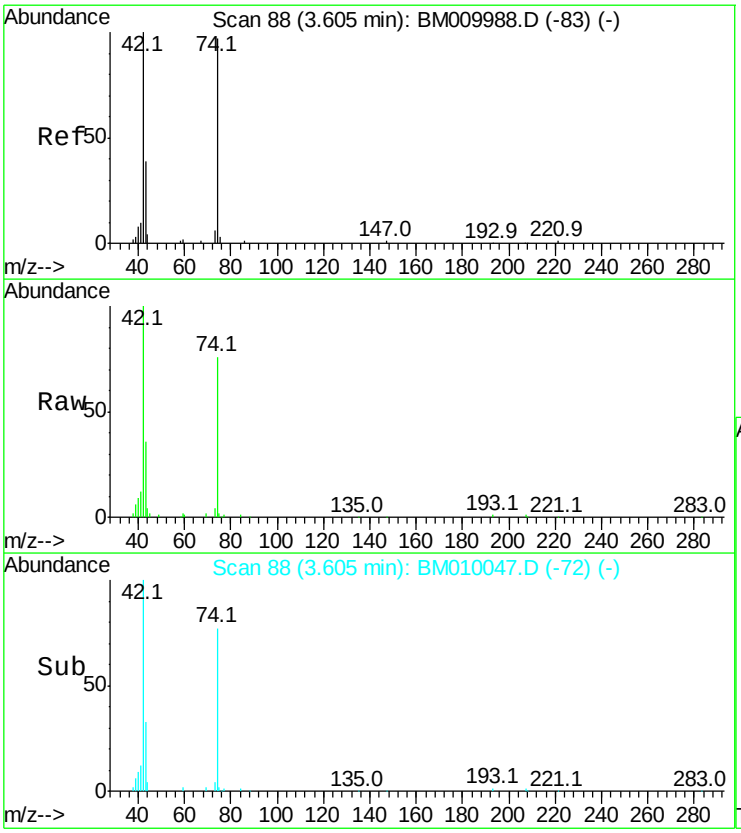

#3
Pyridine
Concen: 22.47 ng
RT: 3.69 min Scan# 103
Delta R.T. 0.00 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion: 79 Resp: 88359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 72.6 | 51.1 | 76.7 |
| 51 | 49.4 | 26.1 | 39.1# |

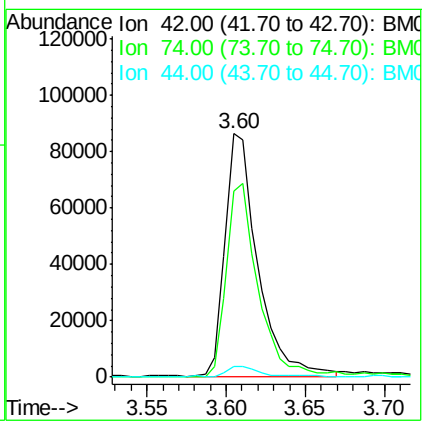


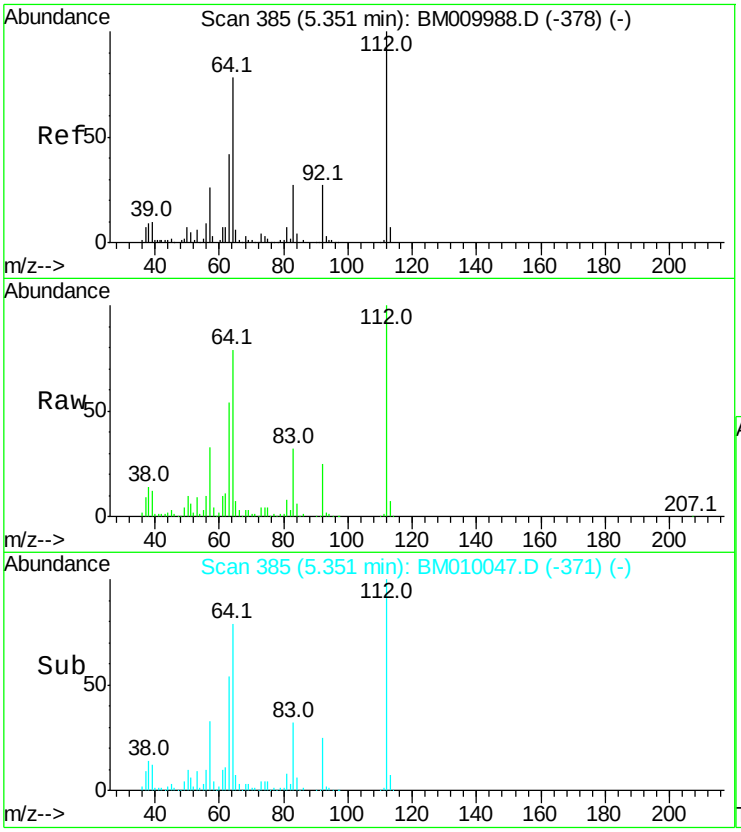




#4
n-Nitrosodimethylamine
Concen: 56.96 ng
RT: 3.60 min Scan# 88
Delta R.T. -0.01 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion: 42 Resp: 122696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 76.4 | 119.3 | 178.9# |
| 44 | 4.4 | 5.4 | 8.2# |



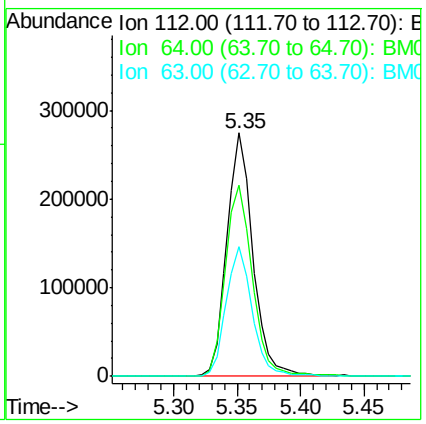


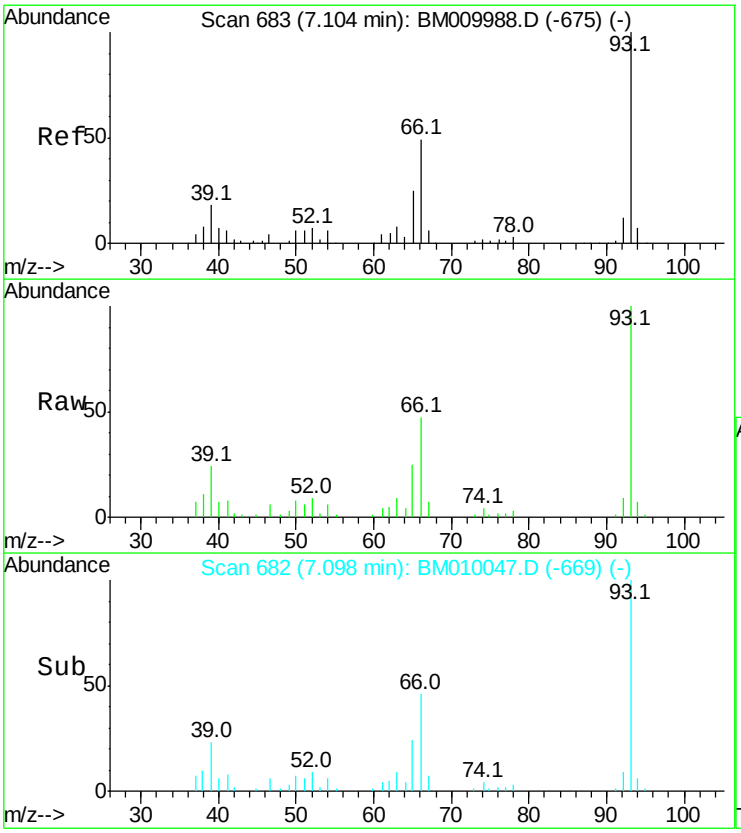

#5
2-Fluorophenol
Concen: 135.22 ng
RT: 5.35 min Scan# 385
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:112 Resp: 389474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 78.6 | 38.6 | 57.8# |
| 63 | 53.5 | 19.3 | 28.9# |

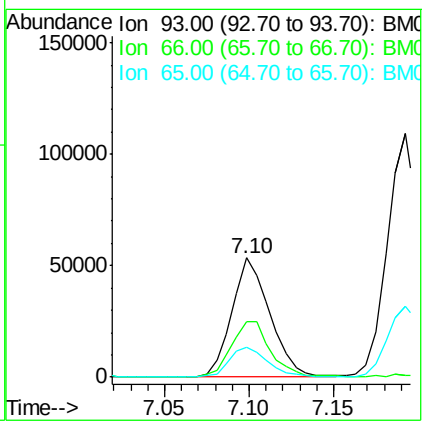


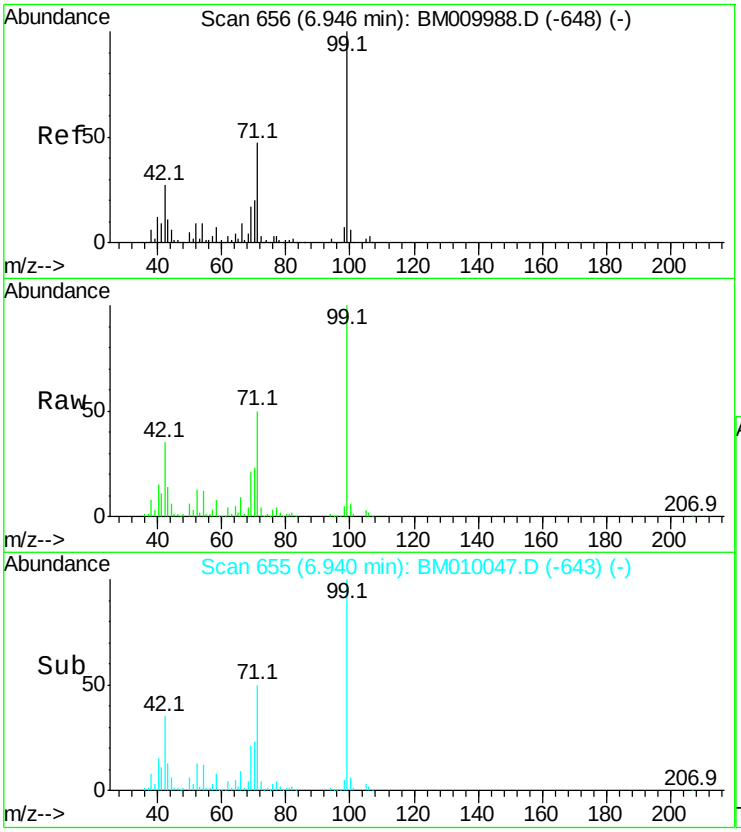




#6
Aniline
Concen: 14.05 ng
RT: 7.10 min Scan# 682
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion: 93 Resp: 84181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 46.9 | 30.8 | 46.2# |
| 65 | 25.0 | 16.0 | 24.0# |



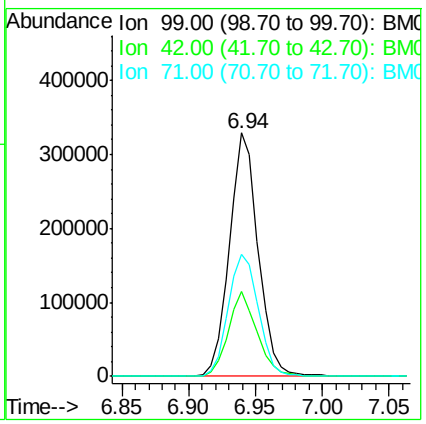


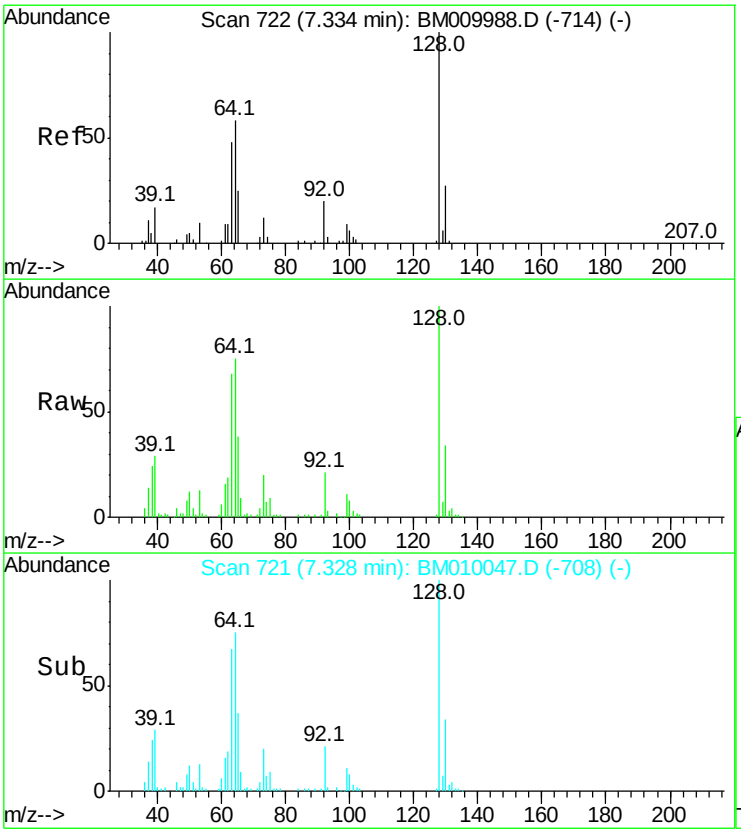

#7
Phenol-d6
Concen: 106.89 ng
RT: 6.94 min Scan# 655
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion: 99 Resp: 493291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 34.6 | 11.0 | 16.4# |
| 71 | 50.4 | 23.4 | 35.2# |

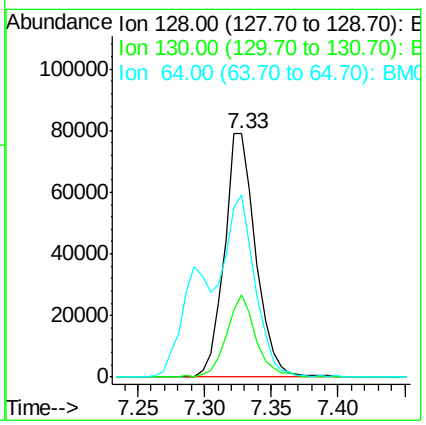


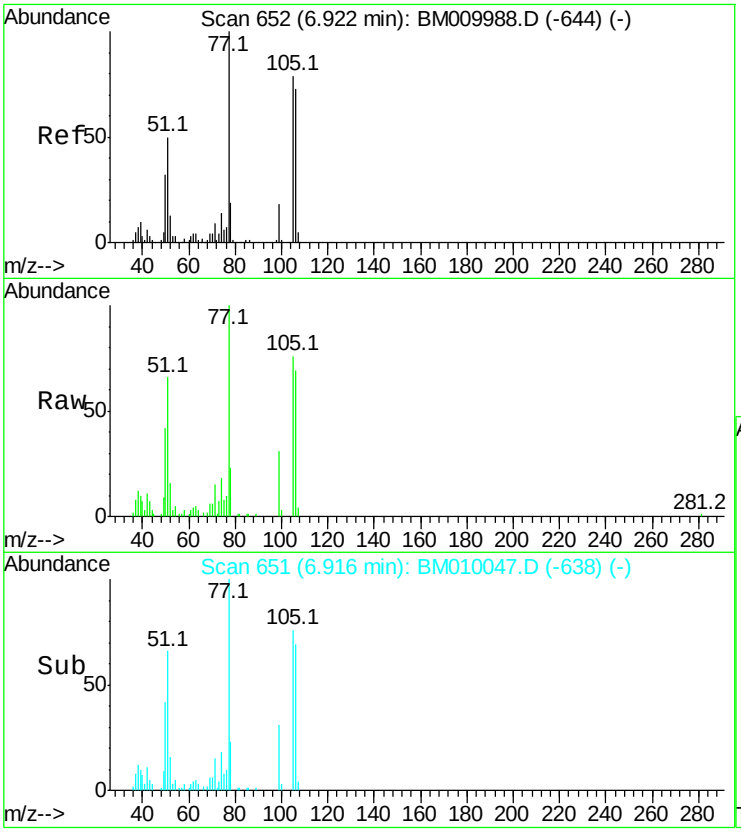




#8
2-Chlorophenol
Concen: 41.55 ng
RT: 7.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:128 Resp: 129921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.6 | 12.0 | 52.0 |
| 64 | 74.7 | 24.9 | 64.9# |



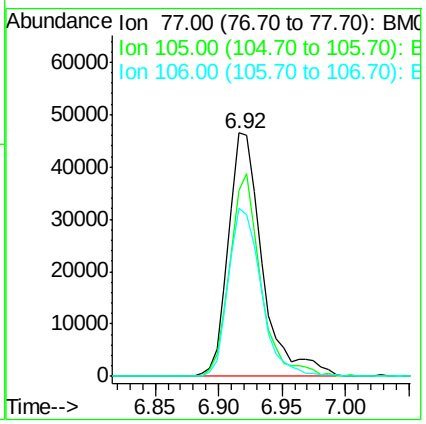


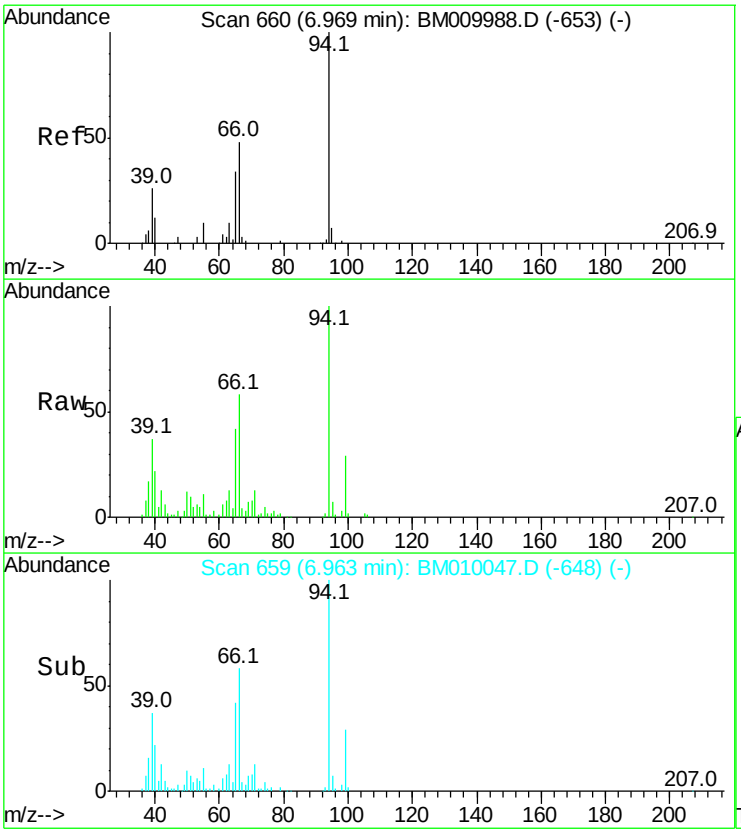

#9
Benzaldehyde
Concen: 25.05 ng
RT: 6.92 min Scan# 651
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion: 77 Resp: 86525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 76.2 | 78.8 | 118.8# |
| 106 | 69.3 | 73.7 | 113.7# |

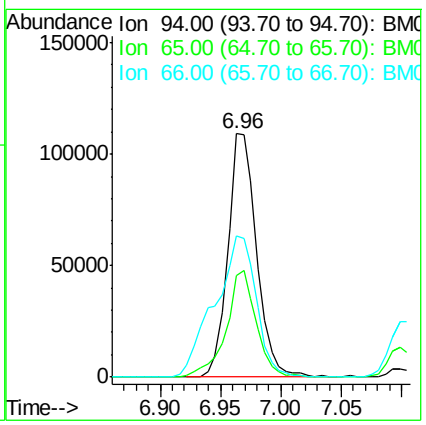


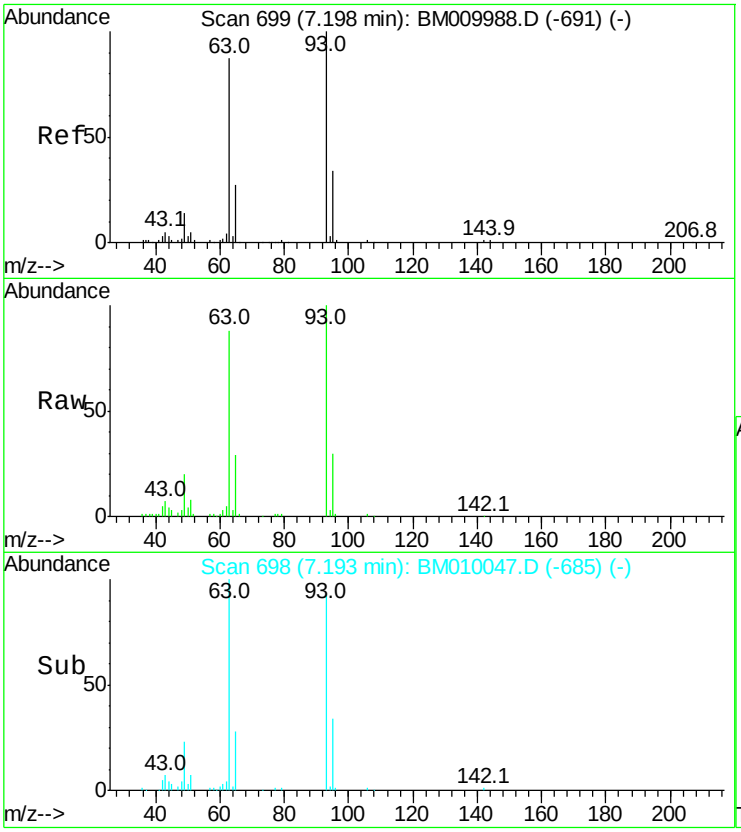




#10
Phenol
Concen: 35.99 ng
RT: 6.96 min Scan# 659
Delta R.T. -0.04 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion: 94 Resp: 180505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 41.7 | 18.8 | 58.8 |
| 66 | 58.1 | 39.9 | 79.9 |



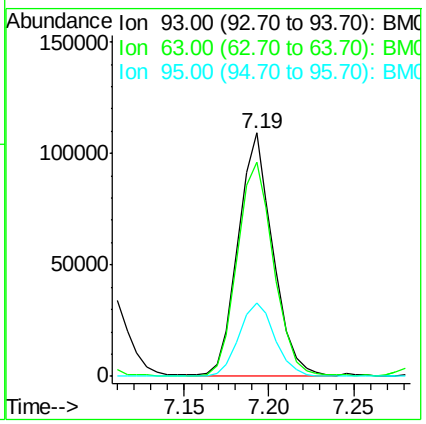


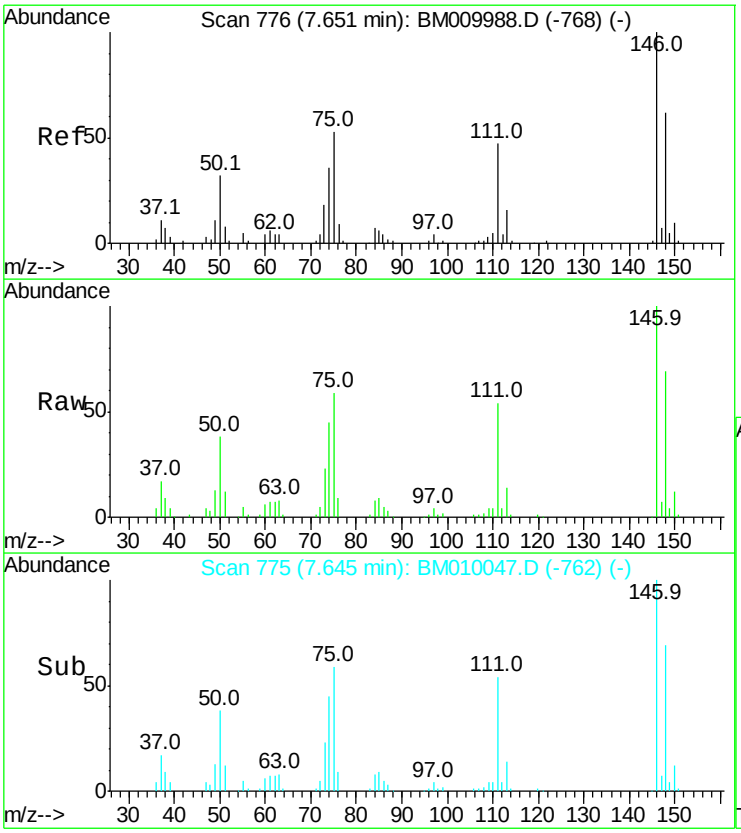

#11
bis(2-Chloroethyl)ether
Concen: 39.83 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion: 93 Resp: 155316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 88.2 | 49.5 | 89.5 |
| 95 | 29.9 | 13.5 | 53.5 |

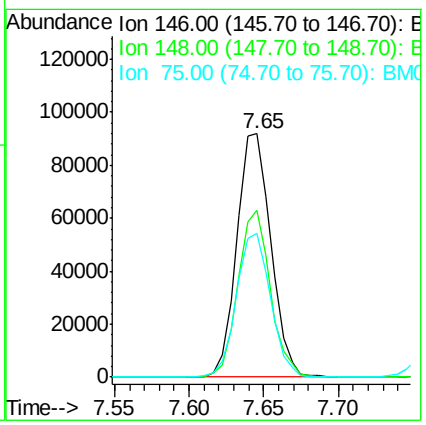


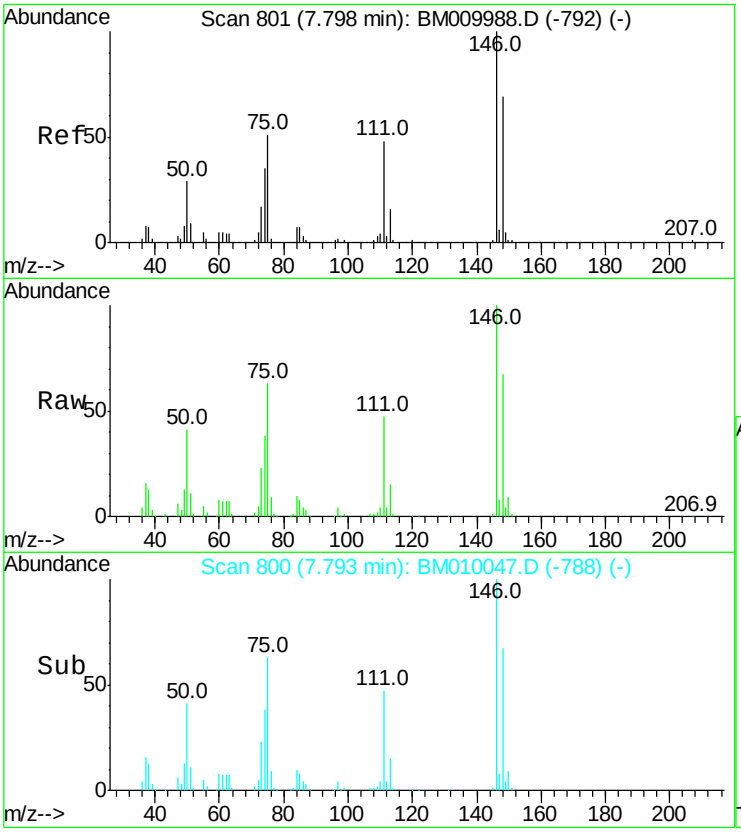




#12
1,3-Dichlorobenzene
Concen: 41.72 ng
RT: 7.65 min Scan# 775
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:146 Resp: 145639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 68.6 | 50.9 | 76.3 |
| 75 | 59.1 | 21.4 | 32.2# |



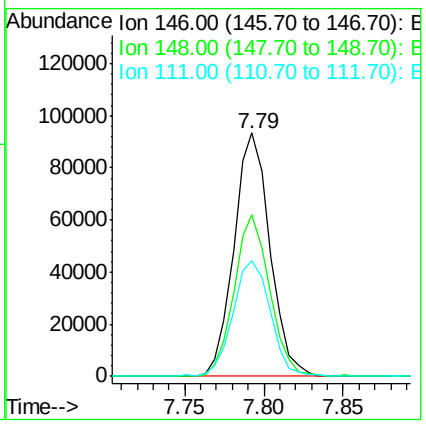


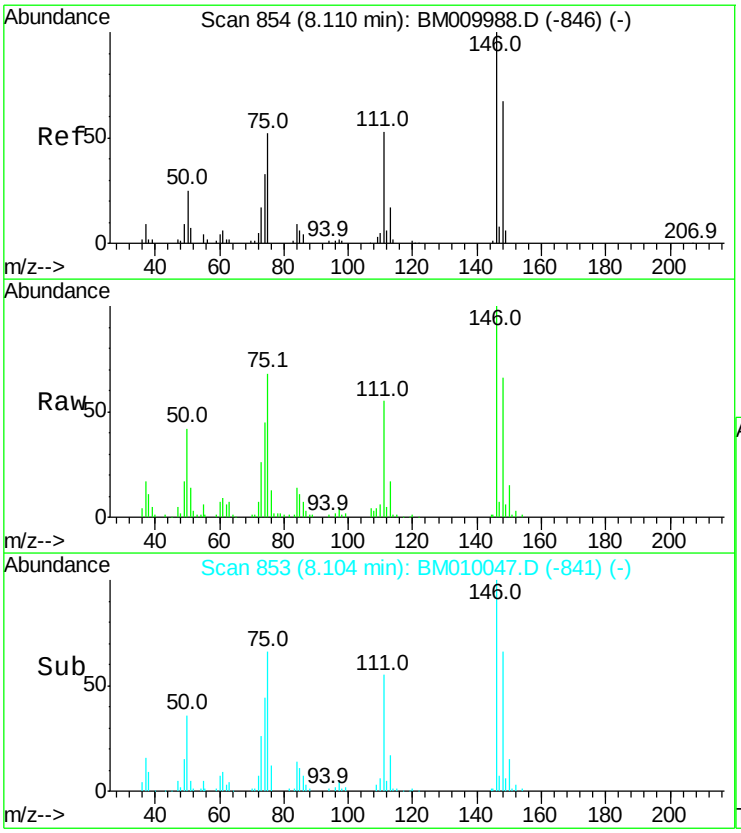

#13
1,4-Dichlorobenzene
Concen: 40.93 ng
RT: 7.79 min Scan# 800
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:146 Resp: 146416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 66.5 | 51.9 | 77.9 |
| 111 | 47.4 | 29.2 | 43.8# |

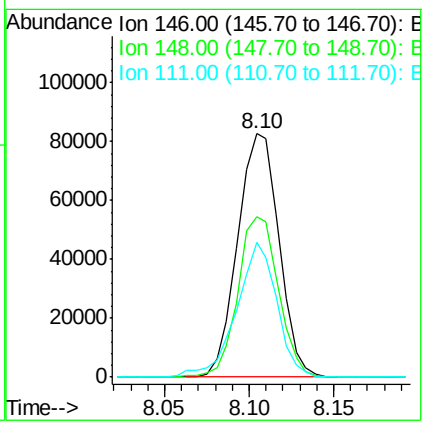


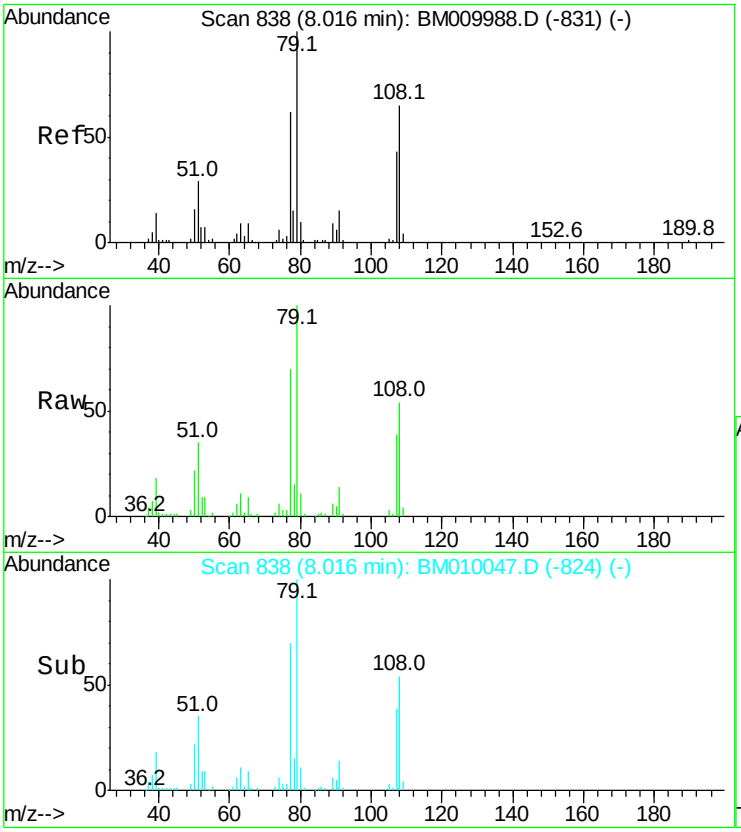




#14
1,2-Dichlorobenzene
Concen: 40.56 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:146 Resp: 140655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.9 | 52.3 | 78.5 |
| 111 | 55.2 | 30.6 | 45.8# |



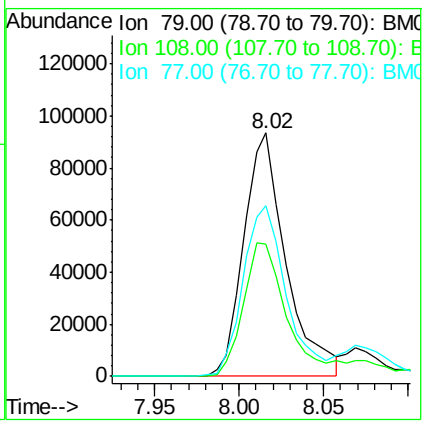


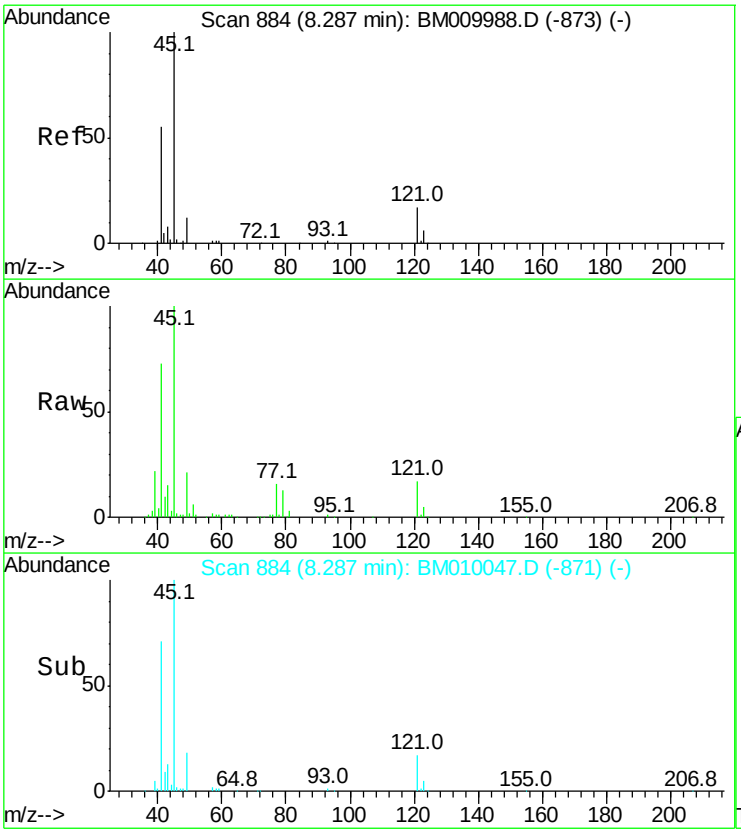

#15
Benzyl Alcohol
Concen: 41.30 ng
RT: 8.02 min Scan# 838
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion: 79 Resp: 162448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 54.3 | 65.0 | 97.4# |
| 77 | 69.8 | 53.0 | 79.6 |

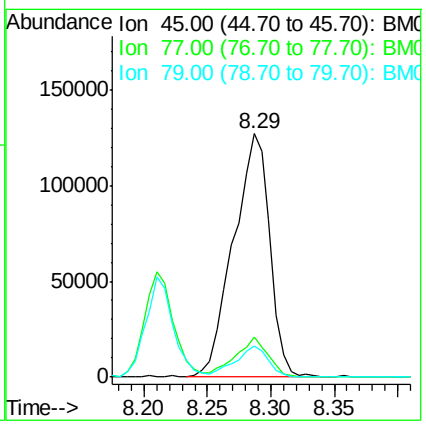


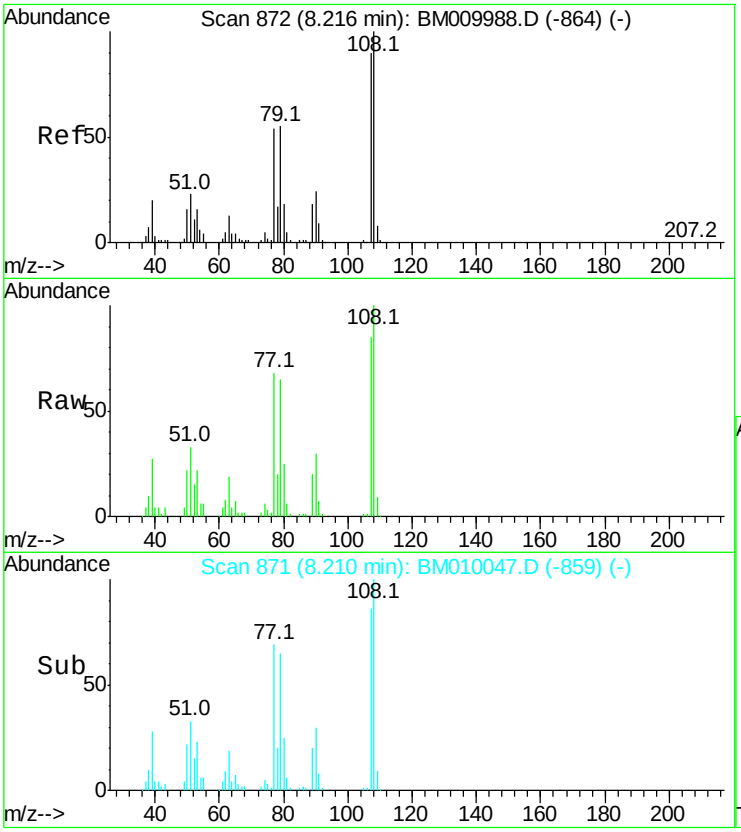




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.93 ng
RT: 8.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion: 45 Resp: 253283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 16.5 | 0.0 | 35.2 |
| 79 | 12.7 | 0.0 | 32.0 |



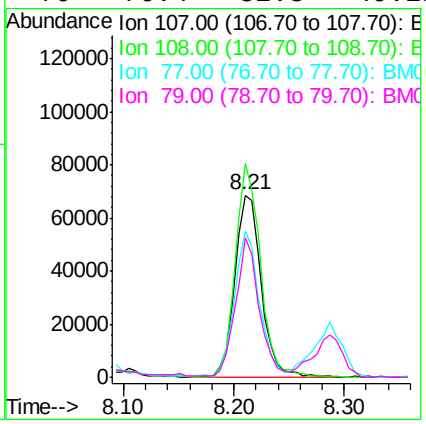


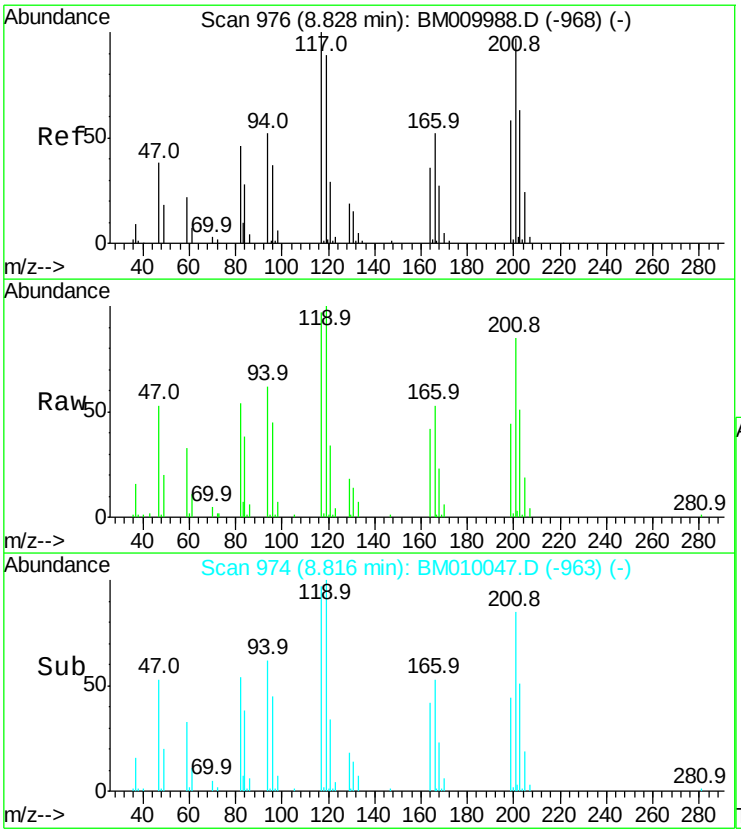

#17
2-Methylphenol
Concen: 35.32 ng
RT: 8.21 min Scan# 871
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:107 Resp: 115629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 117.2 | 89.8 | 134.8 |
| 77 | 80.1 | 32.6 | 48.8# |
| 79 | 76.4 | 32.8 | 49.2# |

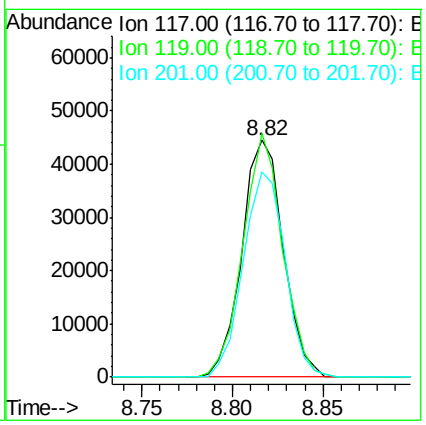


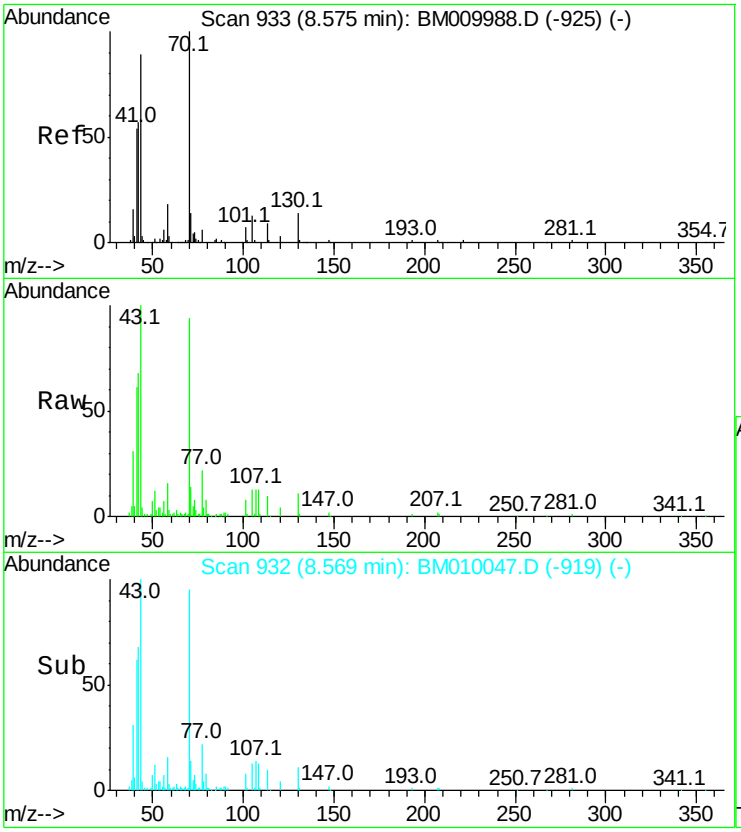




#18
Hexachloroethane
Concen: 47.84 ng
RT: 8.82 min Scan# 974
Delta R.T. -0.04 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:117 Resp: 70945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 102.9 | 79.2 | 118.8 |
| 201 | 89.6 | 69.8 | 104.6 |



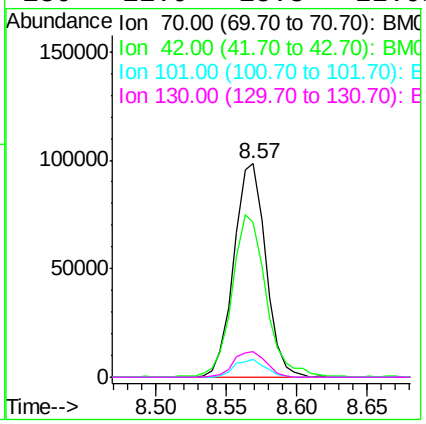


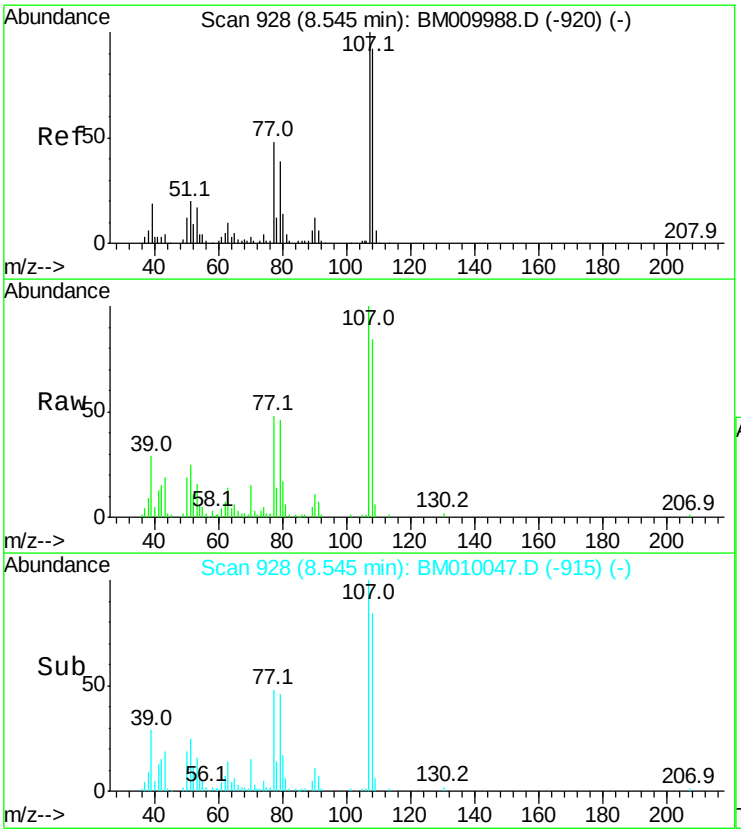

#19
n-Nitroso-di-n-propylamine
Concen: 37.09 ng
RT: 8.57 min Scan# 932
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion: 70 Resp: 155316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 72.3 | 44.5 | 66.7# |
| 101 | 8.6 | 7.4 | 11.2 |
| 130 | 11.9 | 15.3 | 22.9# |

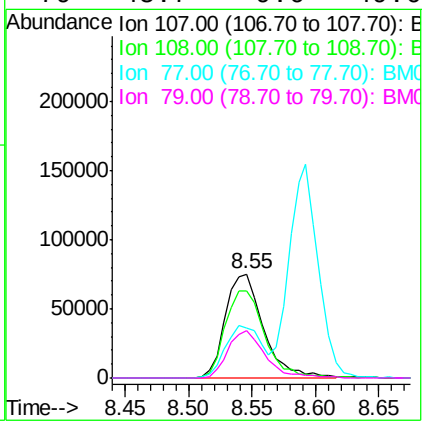


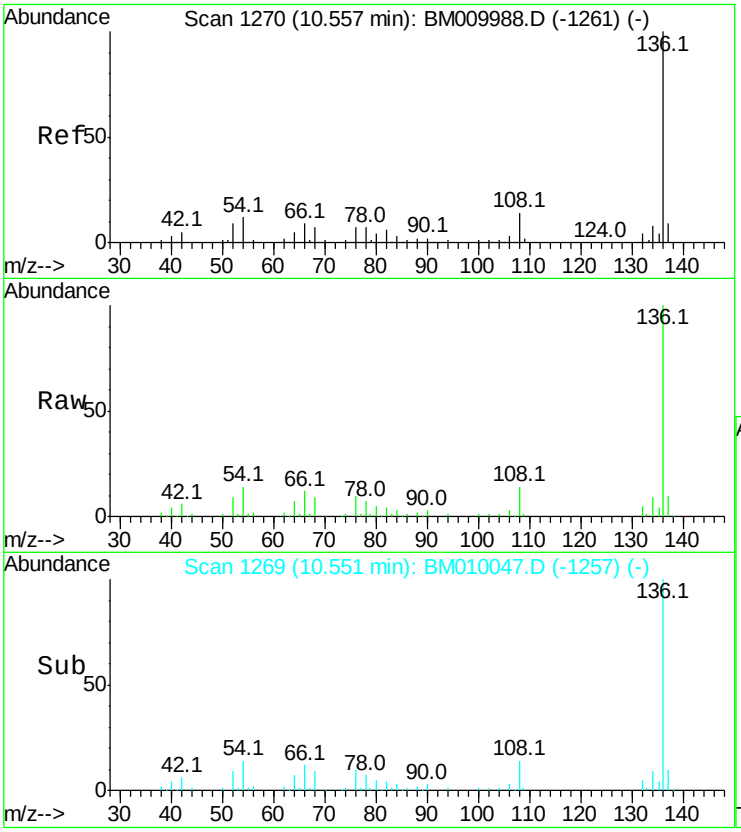




#20
3+4-Methylphenols
Concen: 35.14 ng
RT: 8.55 min Scan# 928
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:107 Resp: 156623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 83.8 | 73.2 | 113.2 |
| 77 | 48.3 | 10.7 | 50.7 |
| 79 | 45.7 | 9.6 | 49.6 |



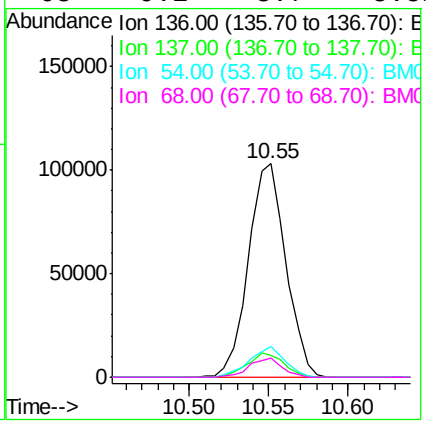


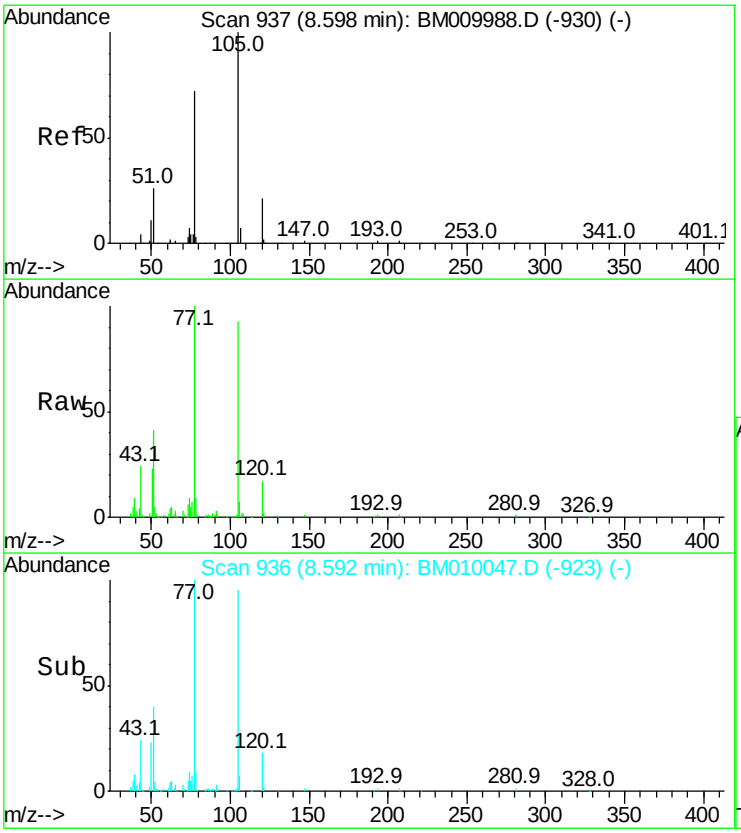

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:136 Resp: 169170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.3 | 8.7 | 13.1 |
| 54 | 14.2 | 4.6 | 6.8# |
| 68 | 9.2 | 3.7 | 5.5# |

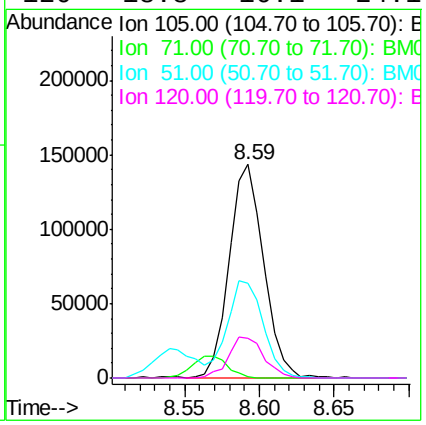


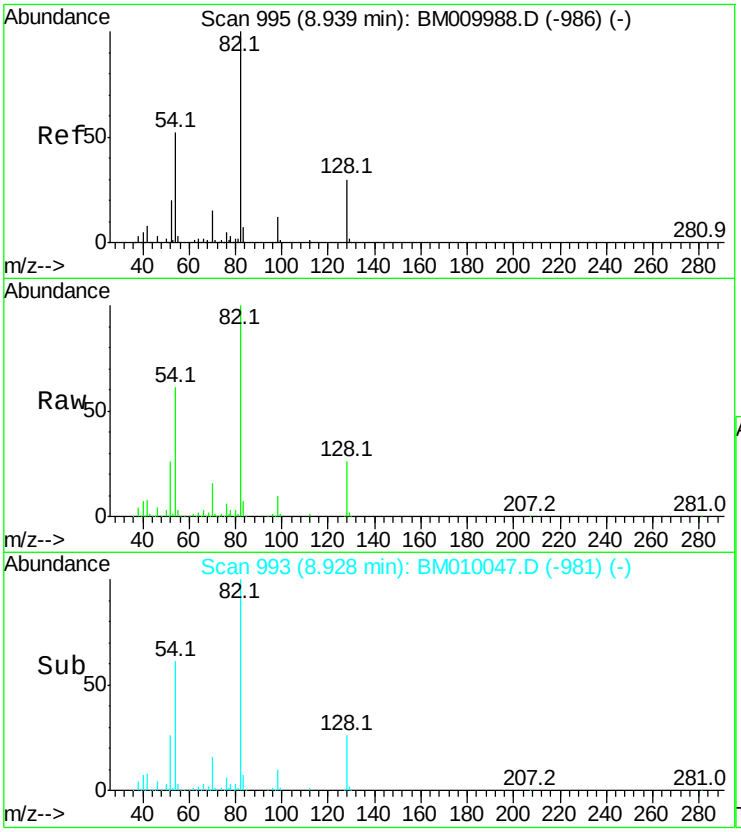




#22
Acetophenone
Concen: 44.75 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:105 Resp: 231436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 0.7 | 0.6 | 1.0 |
| 51 | 44.1 | 21.6 | 32.4# |
| 120 | 18.8 | 16.1 | 24.1 |



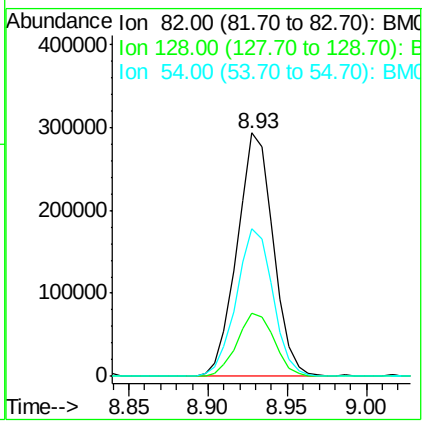


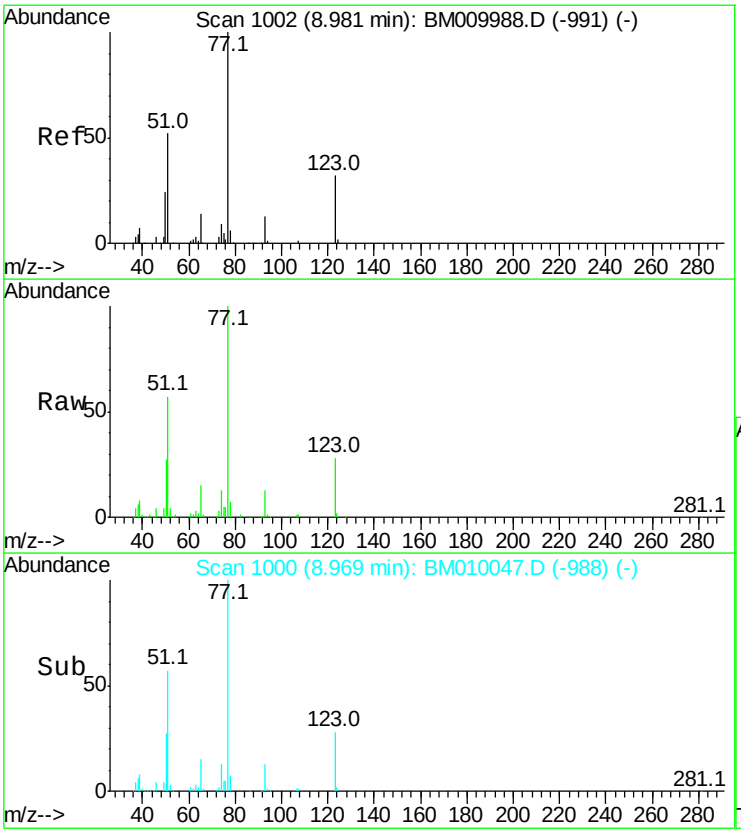

#23
Nitrobenzene-d5
Concen: 100.43 ng
RT: 8.93 min Scan# 993
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion: 82 Resp: 464918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 25.9 | 32.8 | 49.2# |
| 54 | 60.7 | 40.6 | 60.8 |

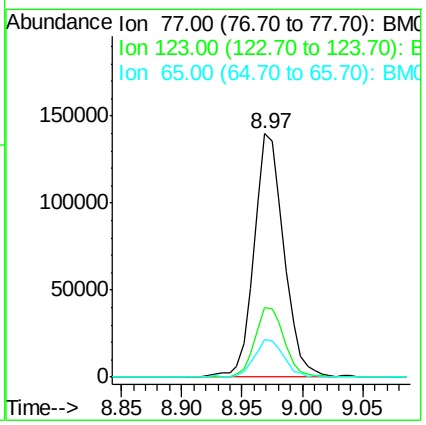


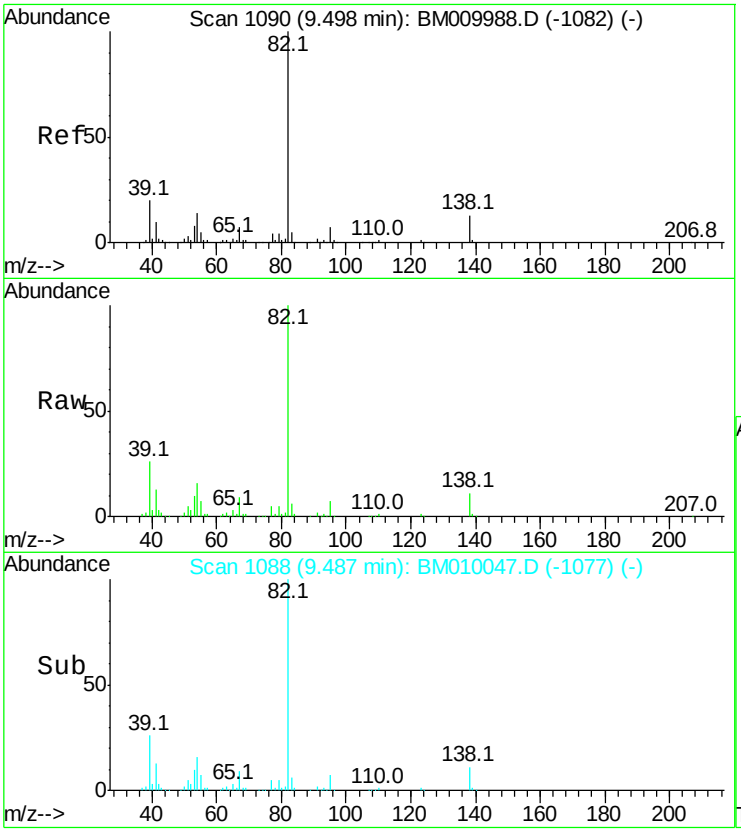




#24
Nitrobenzene
Concen: 48.75 ng
RT: 8.97 min Scan# 1000
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion: 77 Resp: 240175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 28.3 | 32.6 | 49.0# |
| 65 | 15.4 | 10.9 | 16.3 |



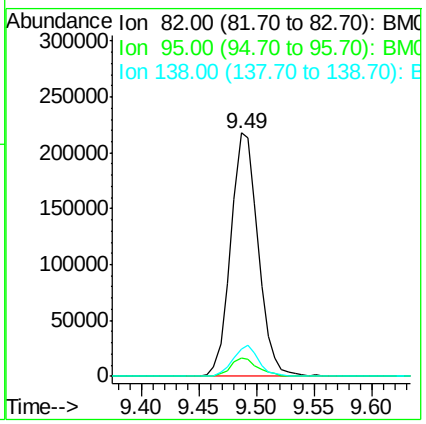


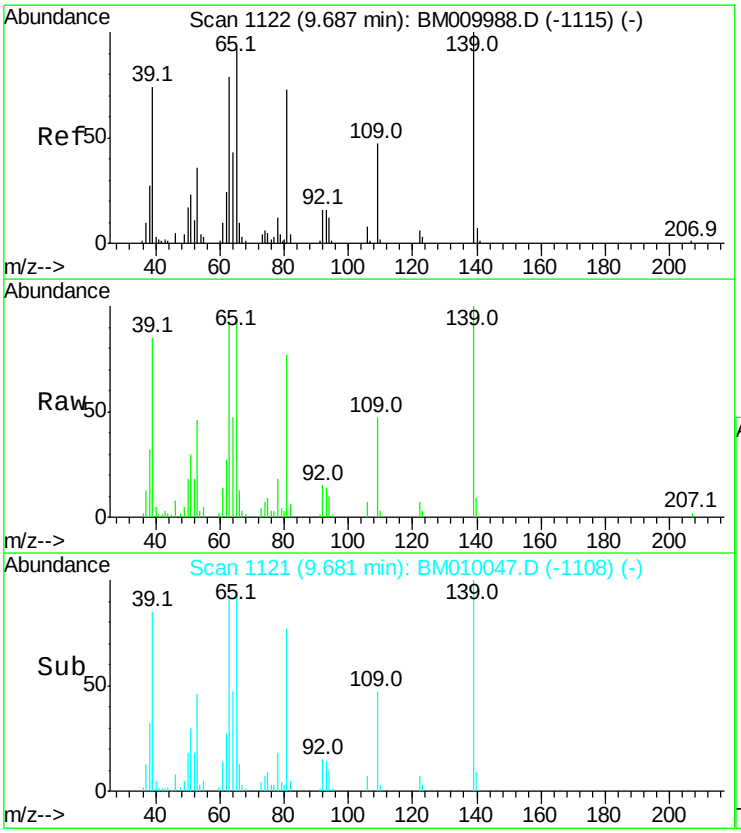

#25
Isophorone
Concen: 45.11 ng
RT: 9.49 min Scan# 1088
Delta R.T. -0.04 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion: 82 Resp: 359381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.5 | 5.8 | 8.6 |
| 138 | 11.2 | 16.3 | 24.5# |

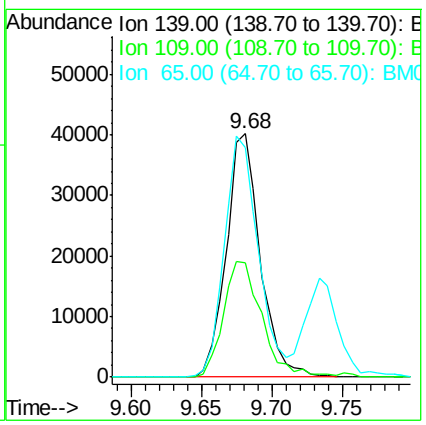


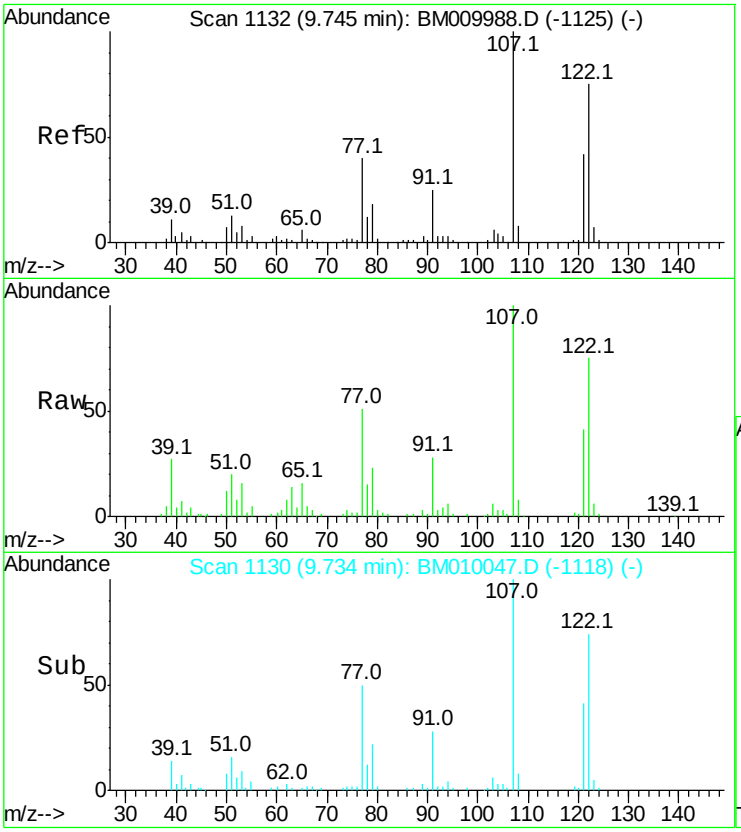




#26
2-Nitrophenol
Concen: 45.43 ng
RT: 9.68 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:139 Resp: 67394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 47.1 | 20.1 | 30.1# |
| 65 | 94.4 | 31.5 | 47.3# |



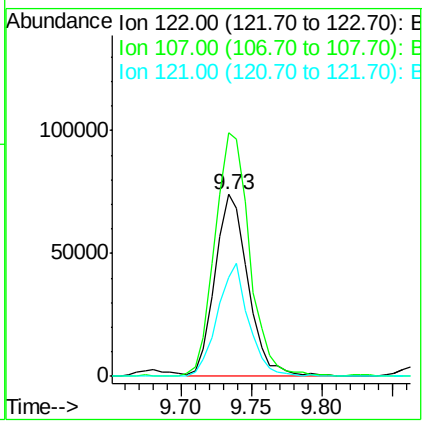


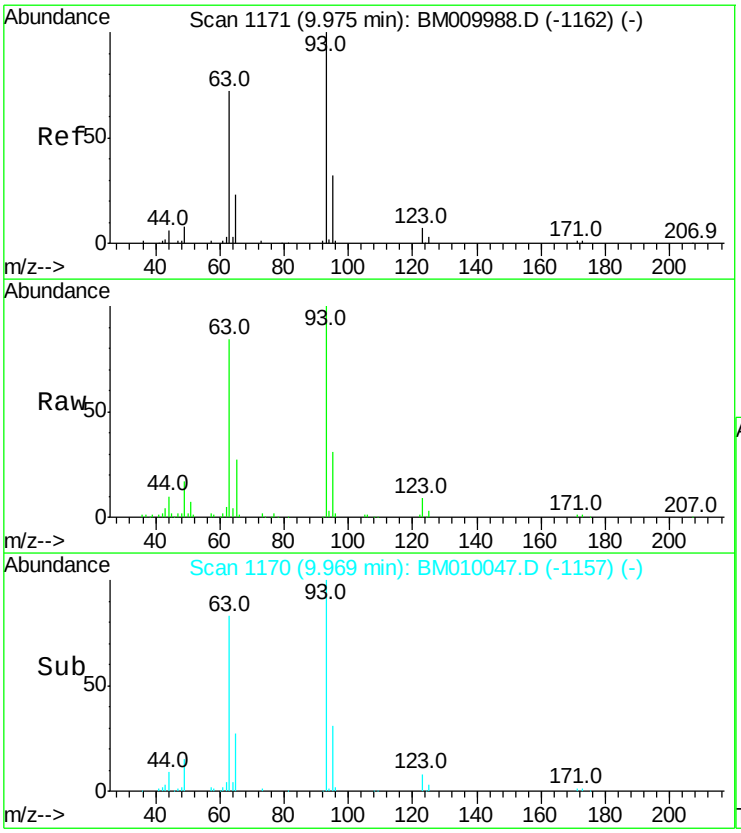

#27
2,4-Dimethylphenol
Concen: 43.21 ng
RT: 9.73 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:122 Resp: 119976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 133.7 | 84.7 | 127.1# |
| 121 | 54.5 | 46.6 | 69.8 |

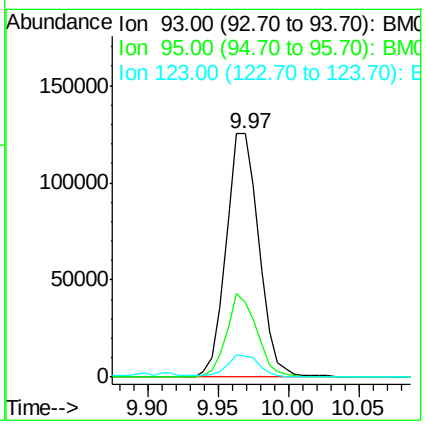


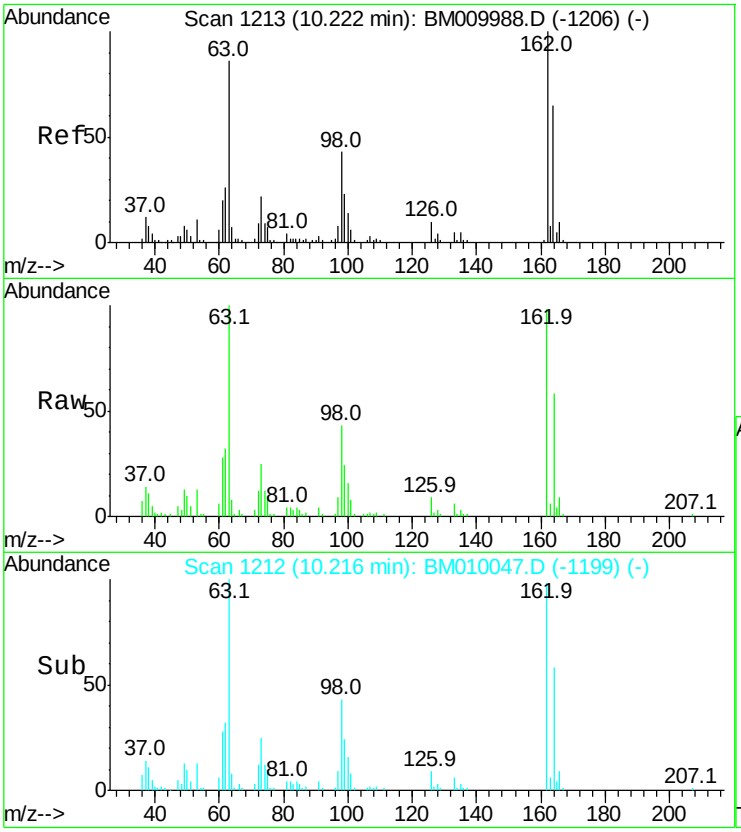




#28
bis(2-Chloroethoxy)methane
Concen: 42.15 ng
RT: 9.97 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion: 93 Resp: 202274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 30.6 | 25.5 | 38.3 |
| 123 | 8.6 | 8.6 | 13.0# |



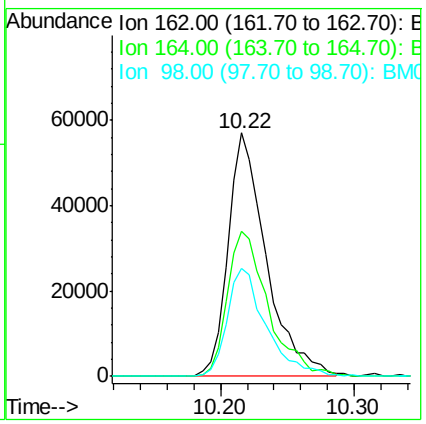


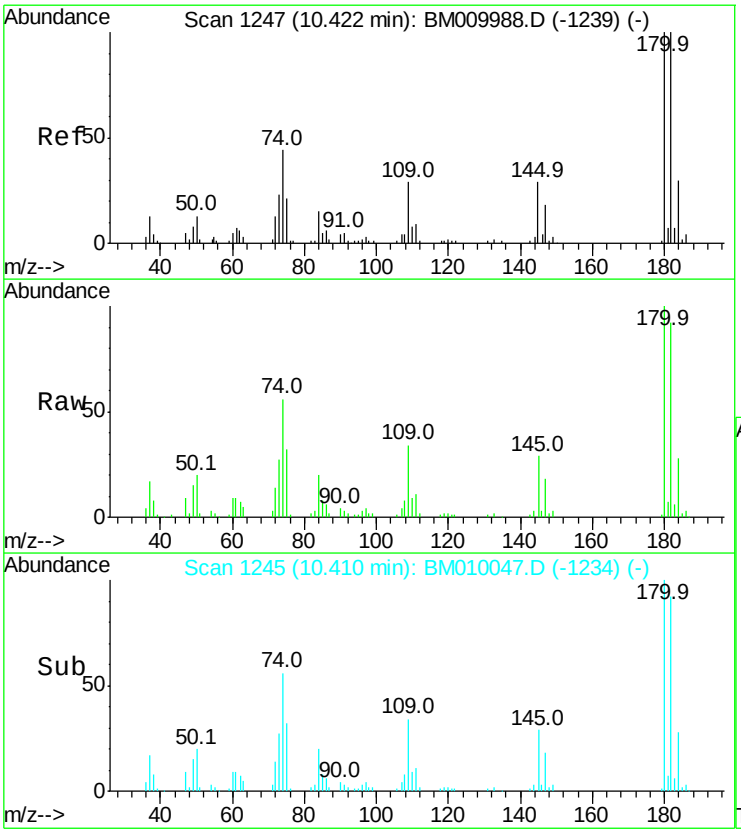

#29
2,4-Dichlorophenol
Concen: 42.06 ng
RT: 10.22 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:162 Resp: 113637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 59.4 | 42.8 | 82.8 |
| 98 | 44.2 | 14.5 | 54.5 |

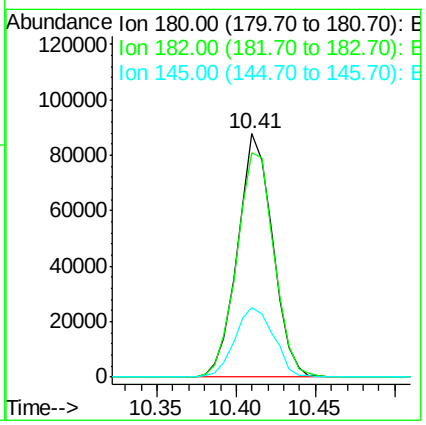


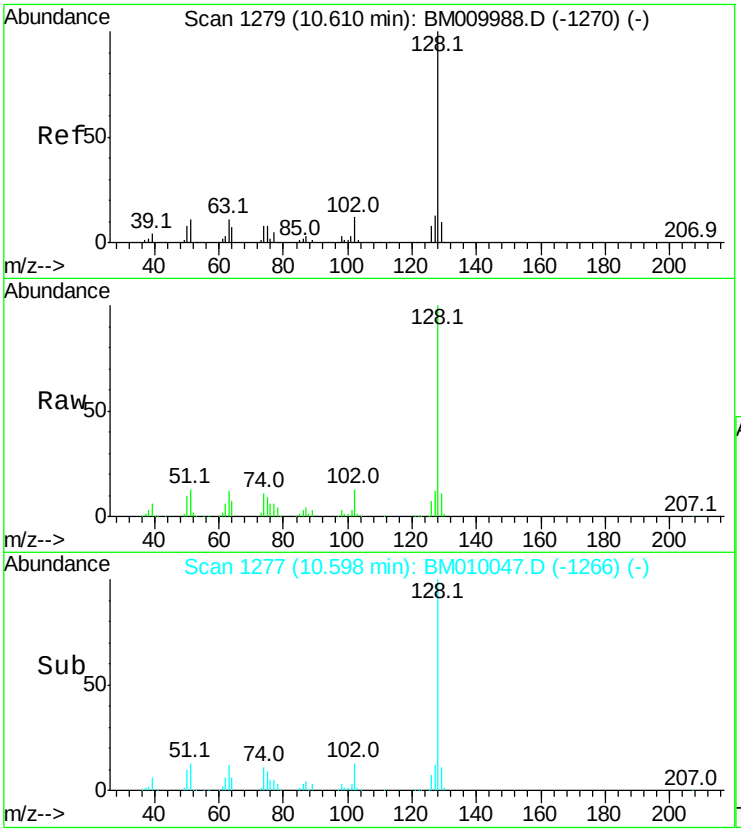




#30
1,2,4-Trichlorobenzene
Concen: 42.59 ng
RT: 10.41 min Scan# 1245
Delta R.T. -0.04 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:180 Resp: 134340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 92.0 | 77.6 | 116.4 |
| 145 | 28.5 | 23.4 | 35.2 |



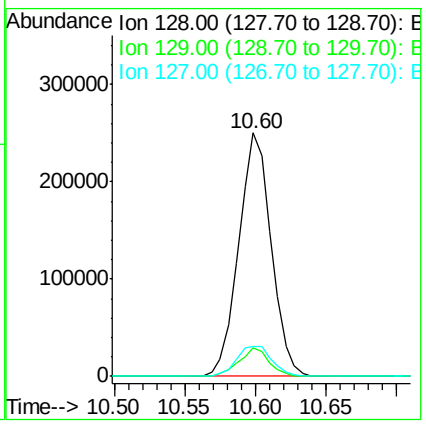


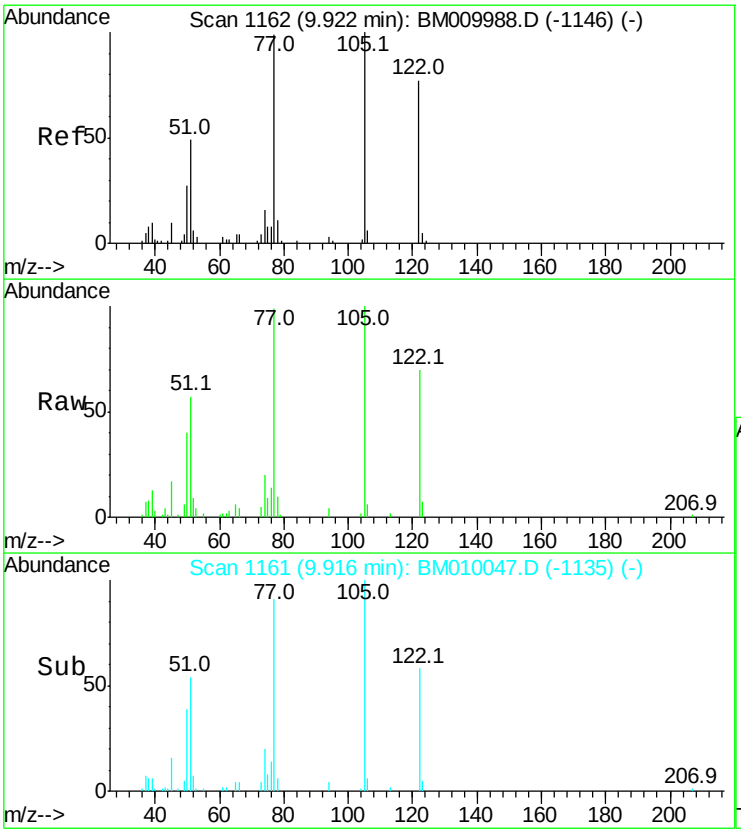

#31
Naphthalene
Concen: 43.34 ng
RT: 10.60 min Scan# 1277
Delta R.T. -0.04 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:128 Resp: 403654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.5 | 8.9 | 13.3 |
| 127 | 12.4 | 10.4 | 15.6 |

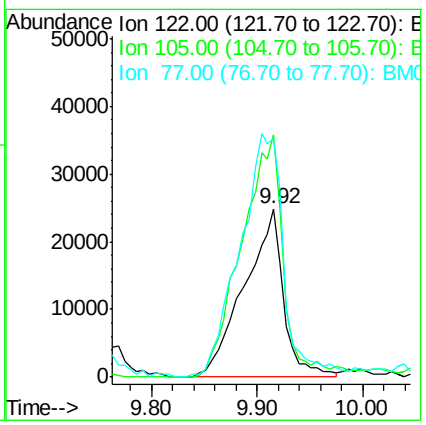


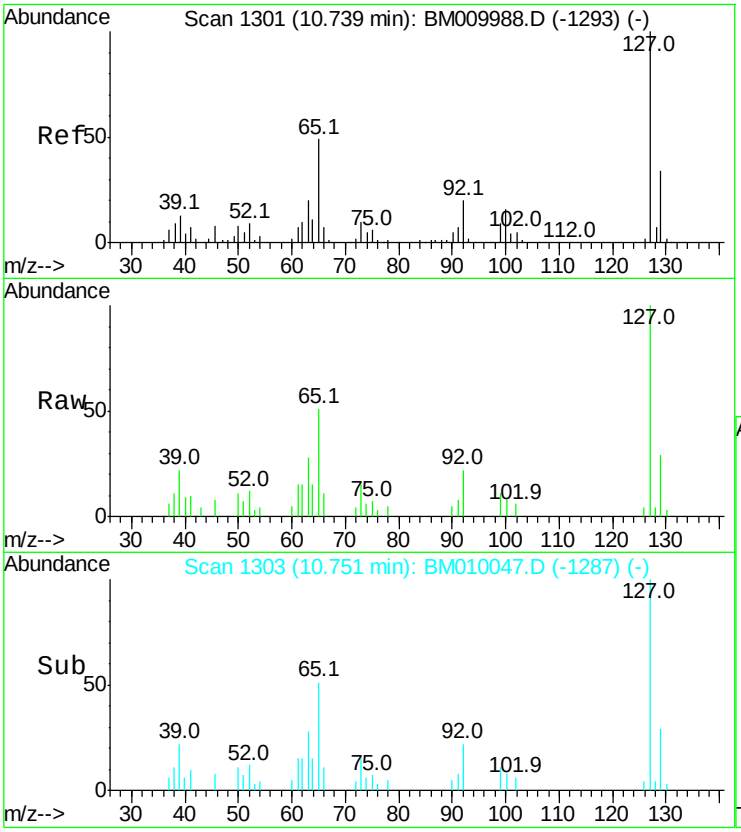




#32
Benzoic acid
Concen: 34.45 ng
RT: 9.92 min Scan# 1161
Delta R.T. -0.05 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:122 Resp: 63984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 143.7 | 99.9 | 139.9# |
| 77 | 141.9 | 73.7 | 113.7# |



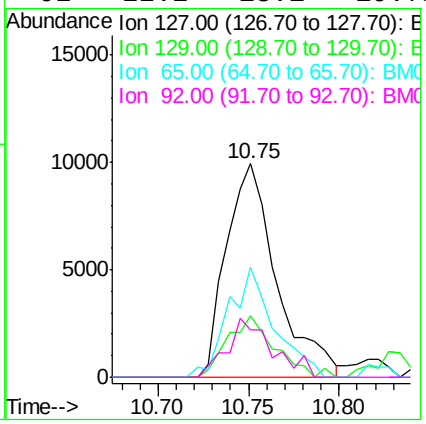


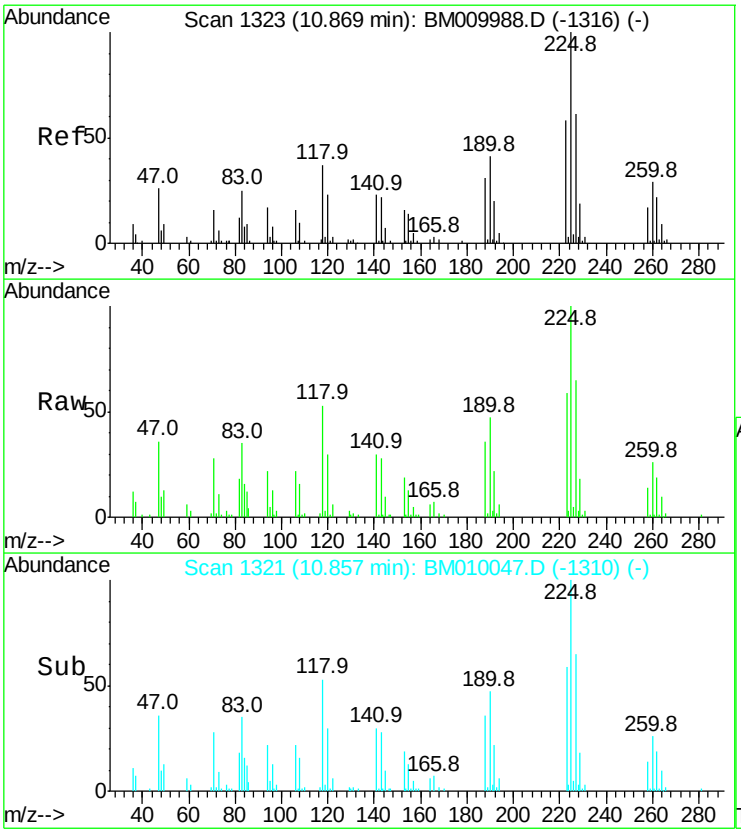

#33
4-Chloroaniline
Concen: 4.84 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:127 Resp: 19178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 28.5 | 25.3 | 37.9 |
| 65 | 51.5 | 17.6 | 26.4# |
| 92 | 22.2 | 13.1 | 19.7# |

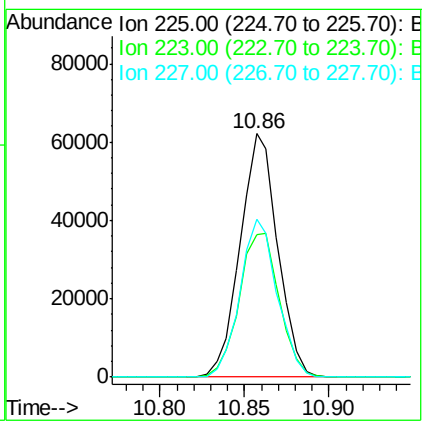


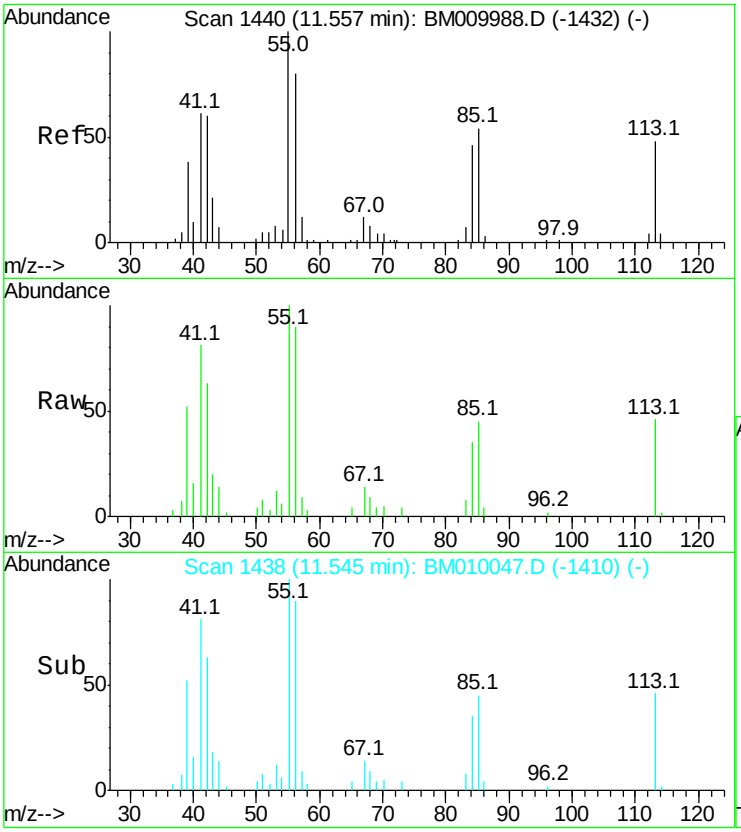




#34
Hexachlorobutadiene
Concen: 44.71 ng
RT: 10.86 min Scan# 1321
Delta R.T. -0.04 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:225 Resp: 95966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 58.6 | 47.9 | 71.9 |
| 227 | 65.1 | 50.1 | 75.1 |



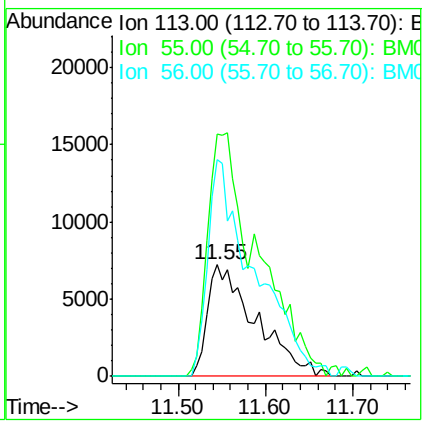


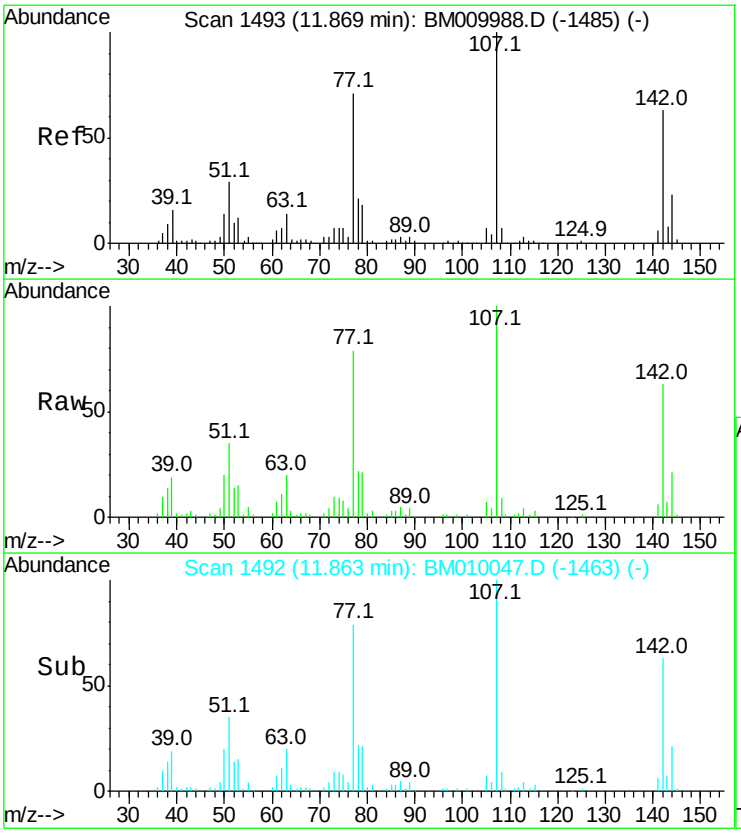

#35
Caprolactam
Concen: 25.88 ng
RT: 11.55 min Scan# 1438
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:113 Resp: 27320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 217.4 | 145.9 | 185.9# |
| 56 | 194.9 | 101.0 | 141.0# |

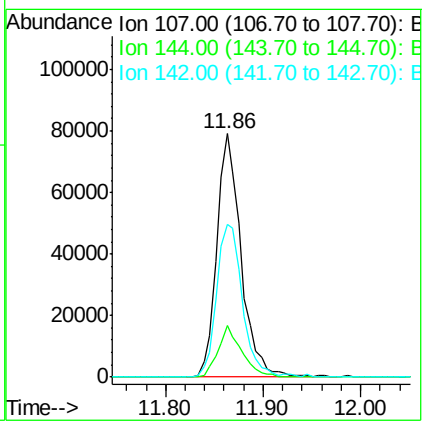


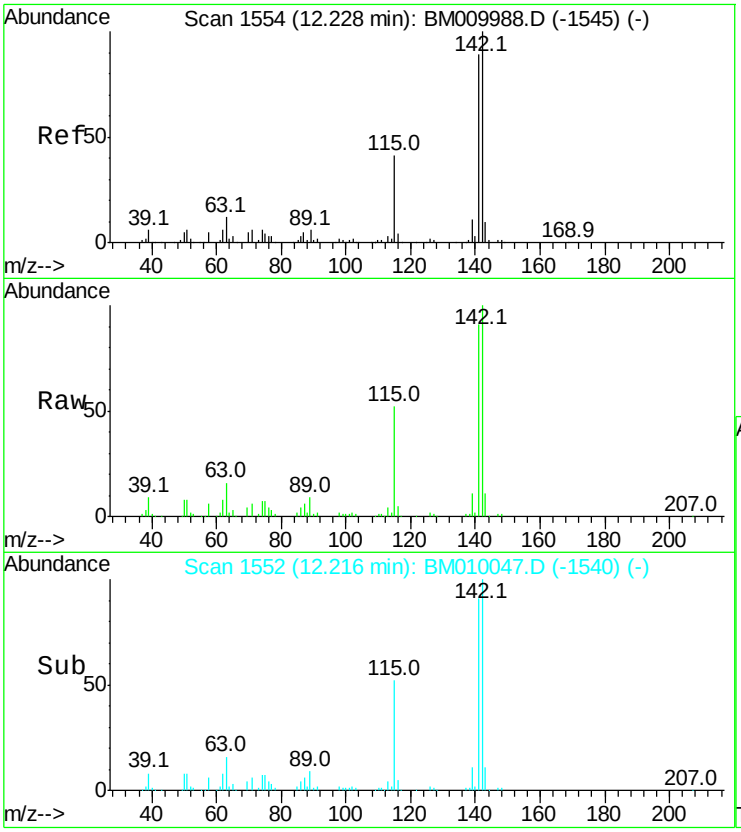




#36
4-Chloro-3-methylphenol
Concen: 37.77 ng
RT: 11.86 min Scan# 1492
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:107 Resp: 136363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 21.3 | 23.3 | 34.9# |
| 142 | 62.5 | 72.6 | 109.0# |



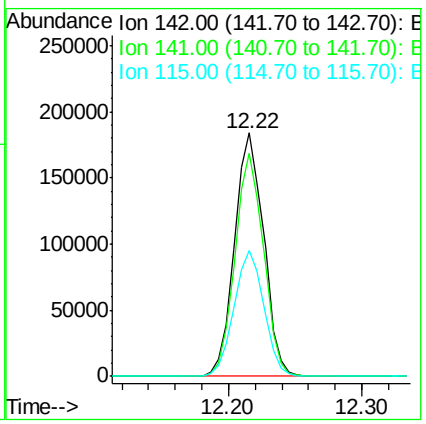


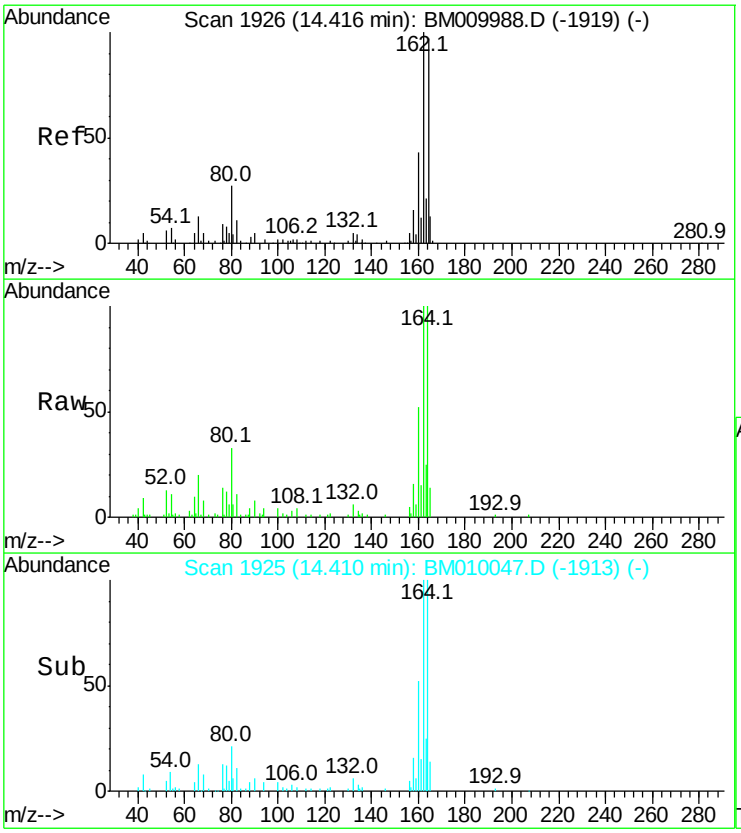

#37
2-Methylnaphthalene
Concen: 41.77 ng
RT: 12.22 min Scan# 1552
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:142 Resp: 278474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.4 | 71.9 | 107.9 |
| 115 | 51.6 | 25.4 | 38.0# |

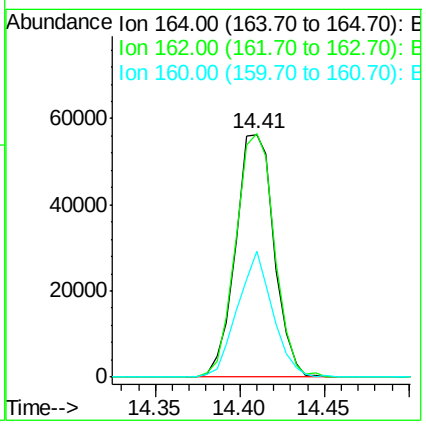


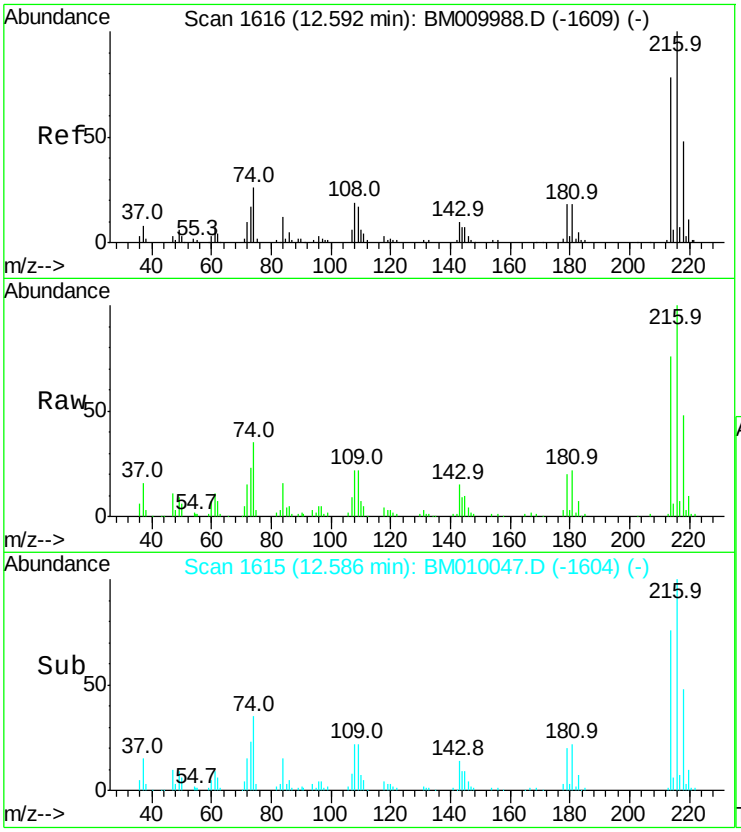




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:164 Resp: 89225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.3 | 82.4 | 123.6 |
| 160 | 51.7 | 35.8 | 53.6 |



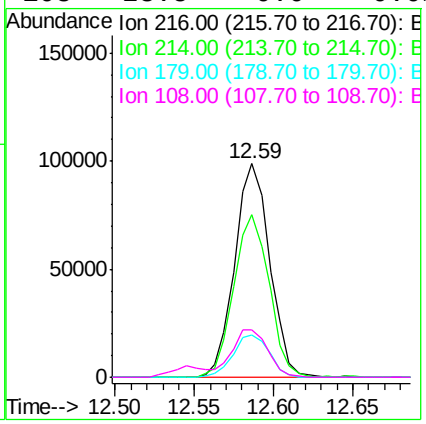


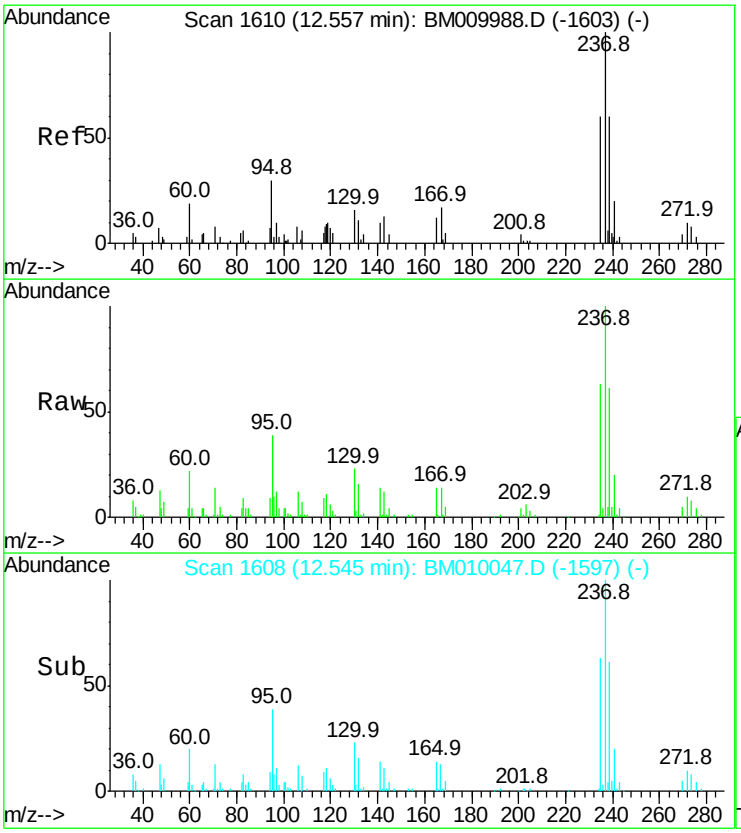

#39
1,2,4,5-Tetrachlorobenzene
Concen: 46.80 ng
RT: 12.59 min Scan# 1615
Delta R.T. -0.04 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:216 Resp: 151989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 76.3 | 0.0 | 0.0# |
| 179 | 20.4 | 0.0 | 0.0# |
| 108 | 23.5 | 0.0 | 0.0# |

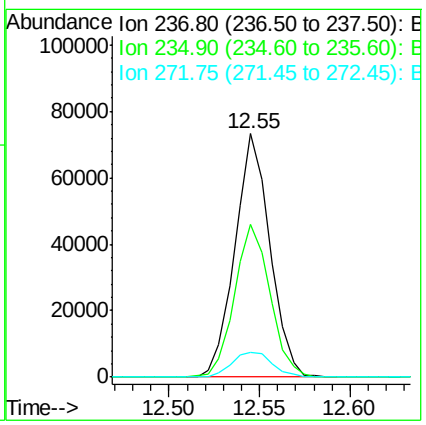


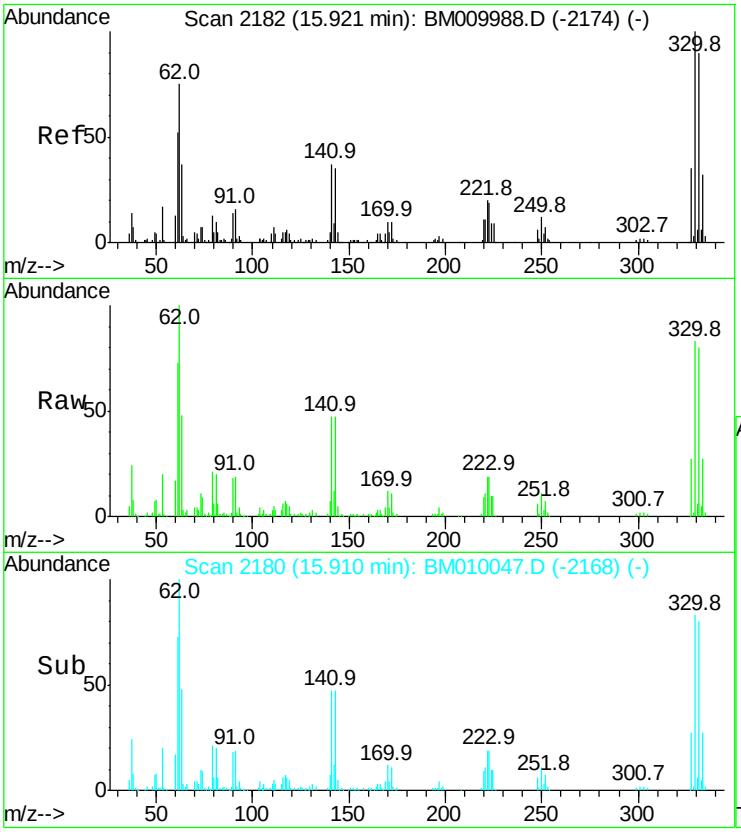




#40
Hexachlorocyclopentadiene
Concen: 101.03 ng
RT: 12.55 min Scan# 1608
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:237 Resp: 98286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.5 | 42.0 | 82.0 |
| 272 | 10.1 | 0.0 | 33.4 |



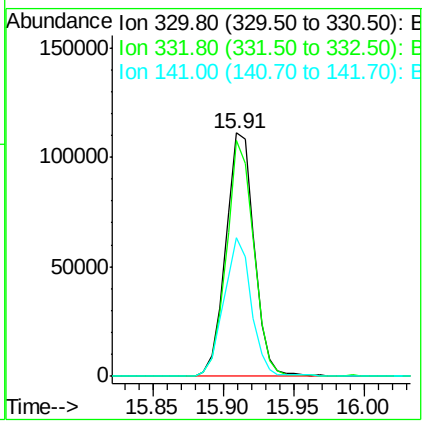


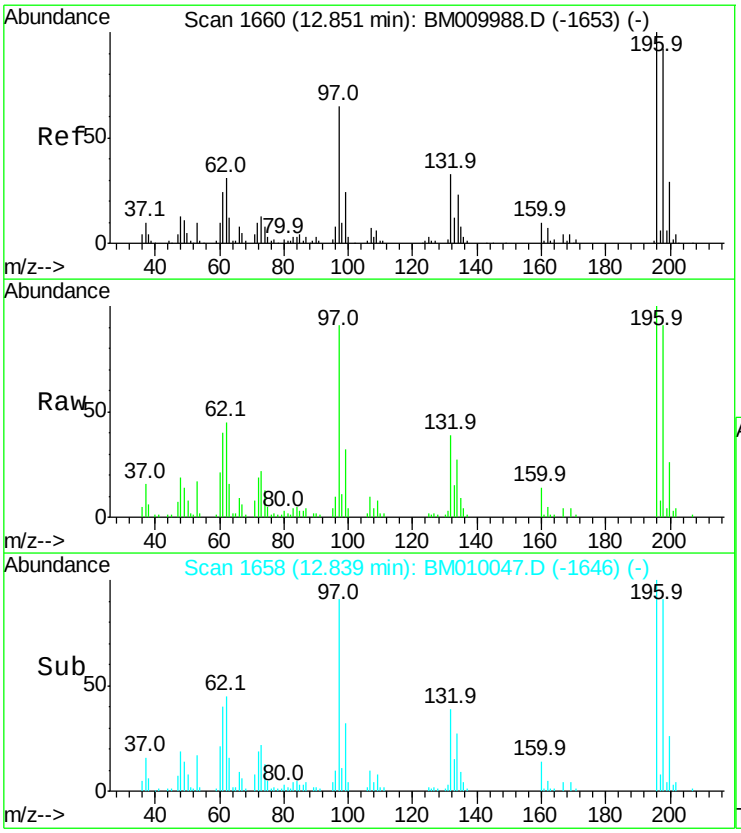

#41
2,4,6-Tribromophenol
Concen: 127.34 ng
RT: 15.91 min Scan# 2180
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:330 Resp: 155498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 92.8 | 0.0 | 0.0# |
| 141 | 55.1 | 0.0 | 0.0# |

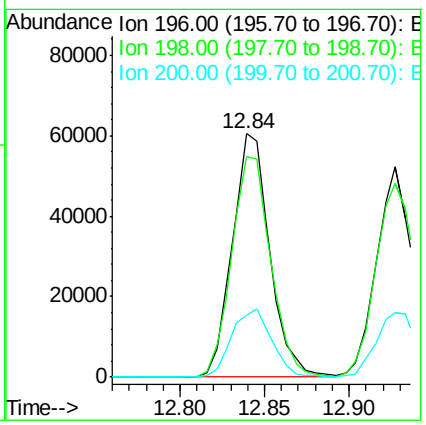


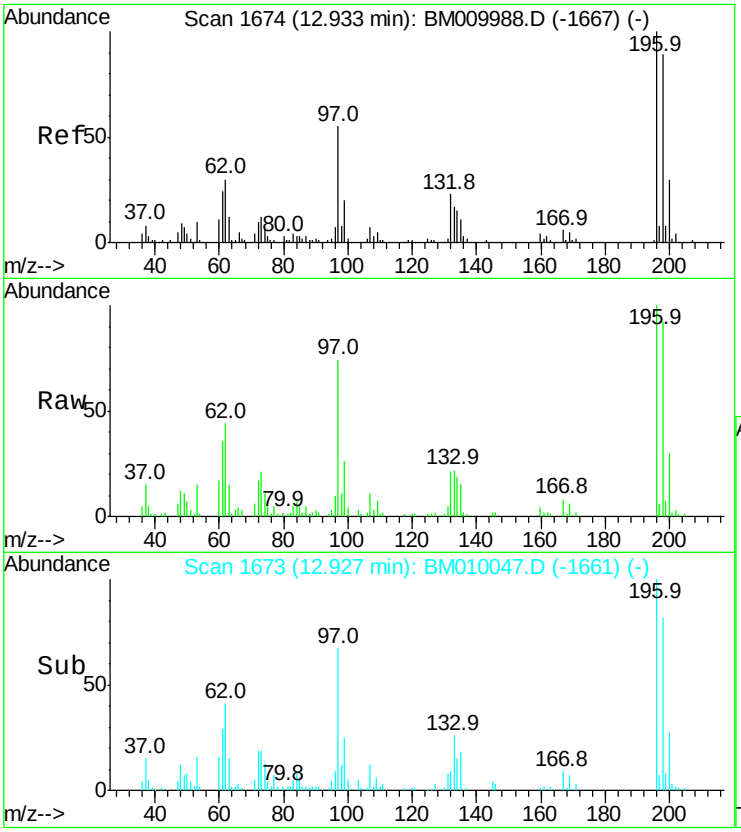




#42
2,4,6-Trichlorophenol
Concen: 46.64 ng
RT: 12.84 min Scan# 1658
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:196 Resp: 93254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 90.7 | 76.3 | 114.5 |
| 200 | 25.5 | 25.6 | 38.4# |



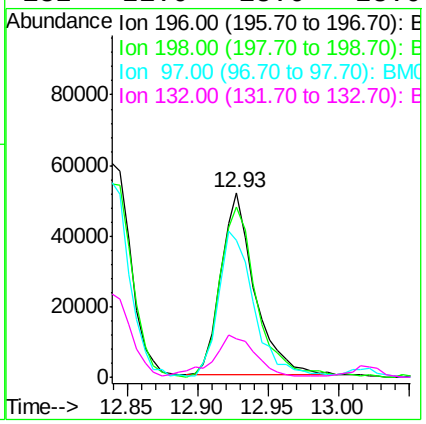


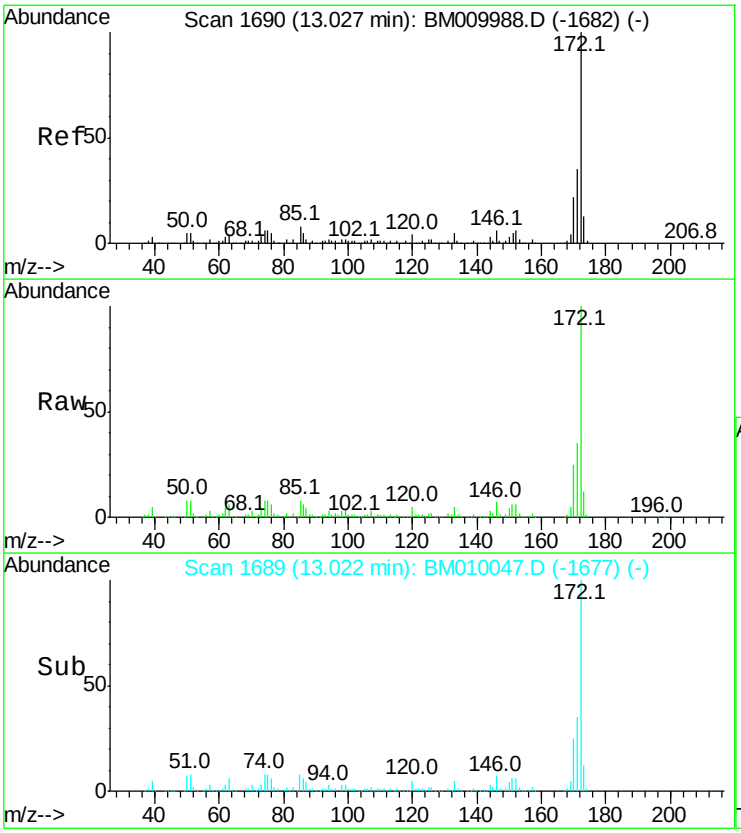

#43
2,4,5-Trichlorophenol
Concen: 39.96 ng
RT: 12.93 min Scan# 1673
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:196 Resp: 86780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 92.0 | 79.4 | 119.0 |
| 97 | 74.3 | 26.8 | 40.2# |
| 132 | 21.0 | 18.6 | 28.0 |

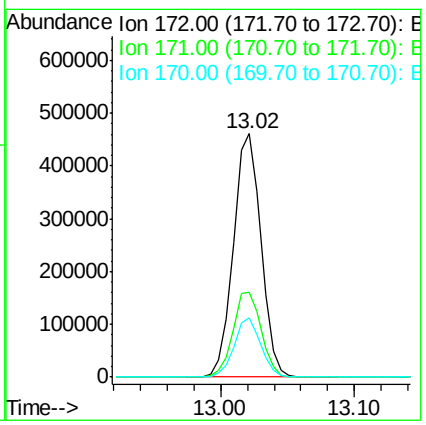


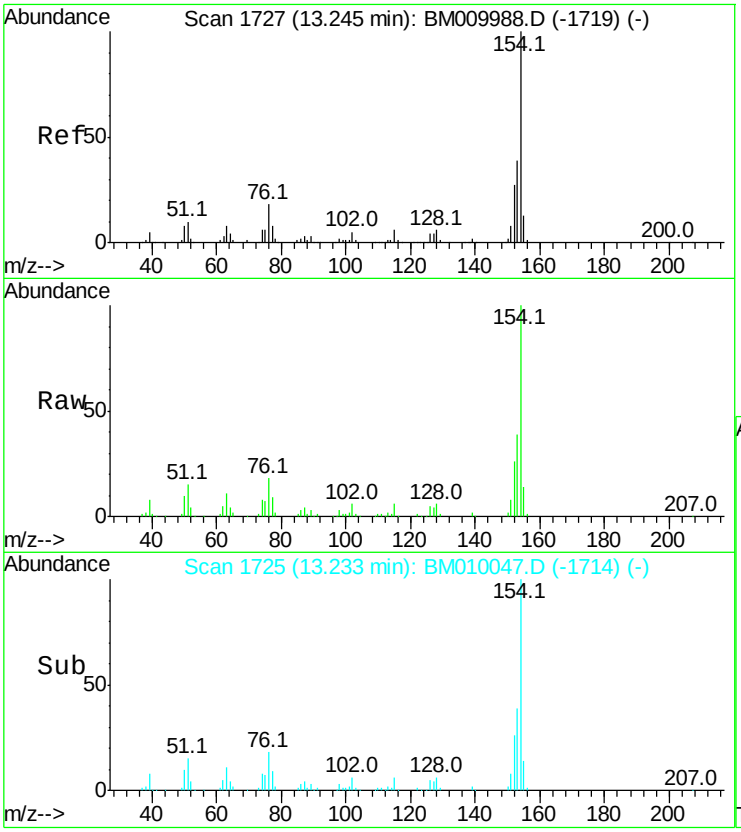




#44
2-Fluorobiphenyl
Concen: 98.88 ng
RT: 13.02 min Scan# 1689
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:172 Resp: 659714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.9 | 28.5 | 42.7 |
| 170 | 24.5 | 18.8 | 28.2 |



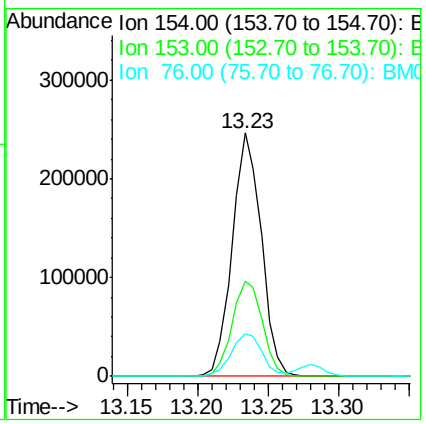


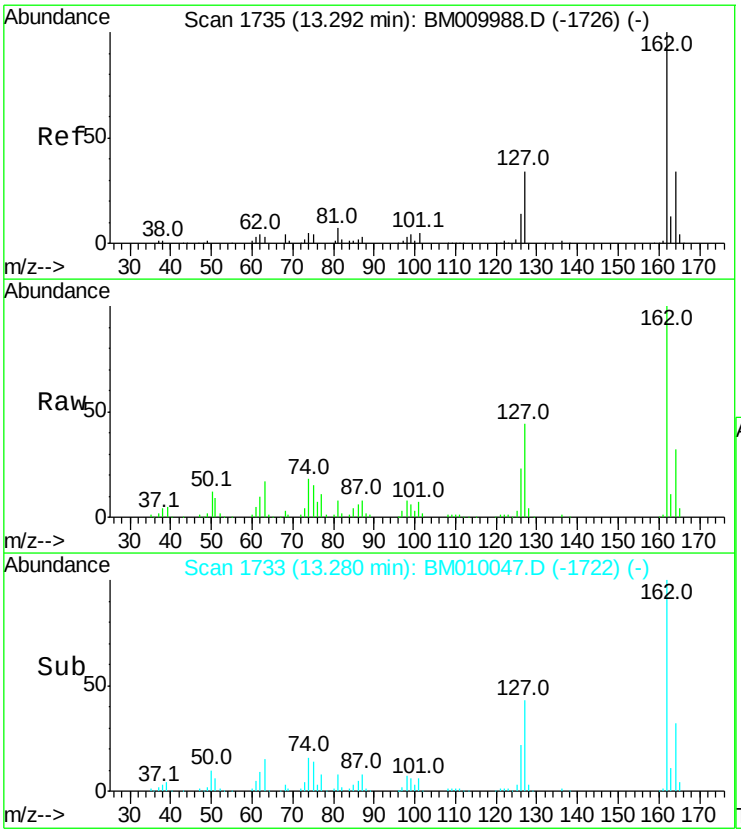

#45
1,1'-Biphenyl
Concen: 47.43 ng
RT: 13.23 min Scan# 1725
Delta R.T. -0.04 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:154 Resp: 352205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 38.9 | 20.7 | 60.7 |
| 76 | 17.8 | 0.0 | 30.9 |

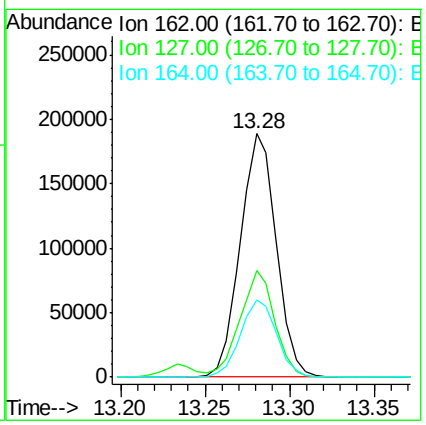


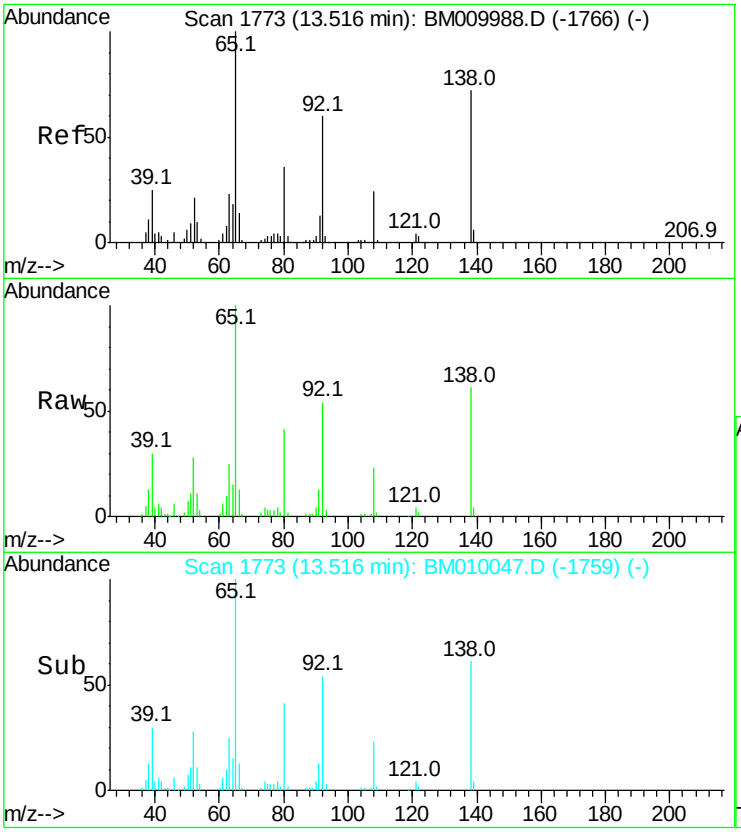




#46
2-Chloronaphthalene
Concen: 47.84 ng
RT: 13.28 min Scan# 1733
Delta R.T. -0.04 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:162 Resp: 279153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 43.6 | 26.9 | 40.3# |
| 164 | 31.8 | 26.8 | 40.2 |



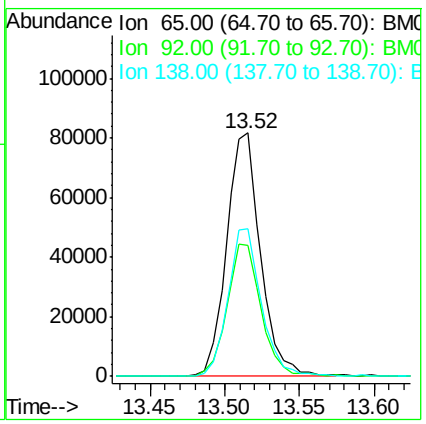


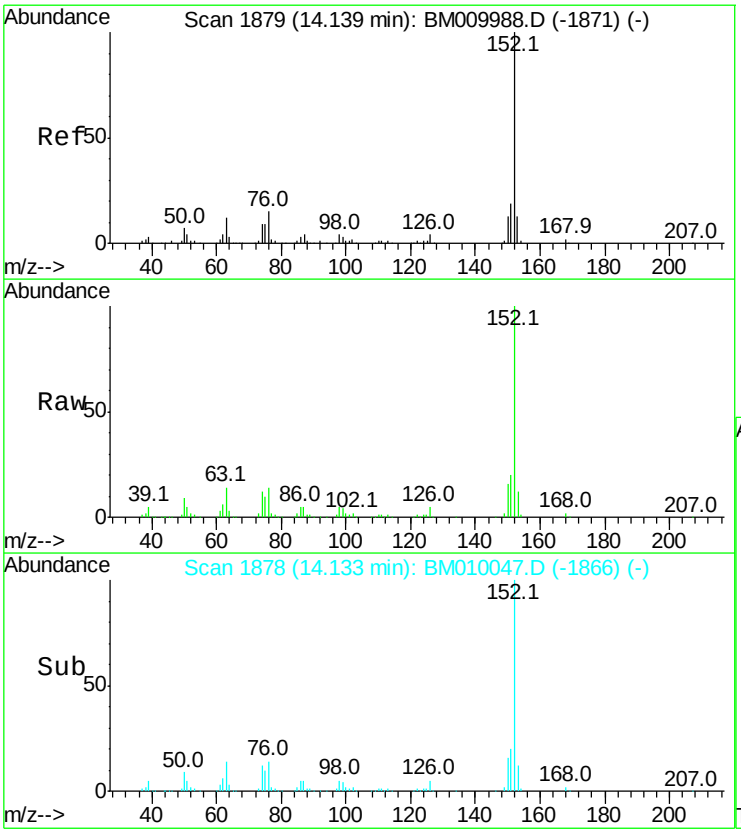

#47
2-Nitroaniline
Concen: 49.20 ng
RT: 13.52 min Scan# 1773
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion: 65 Resp: 129954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 54.0 | 59.1 | 88.7# |
| 138 | 60.8 | 93.9 | 140.9# |

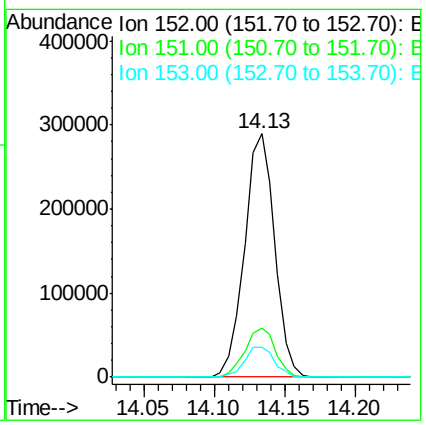


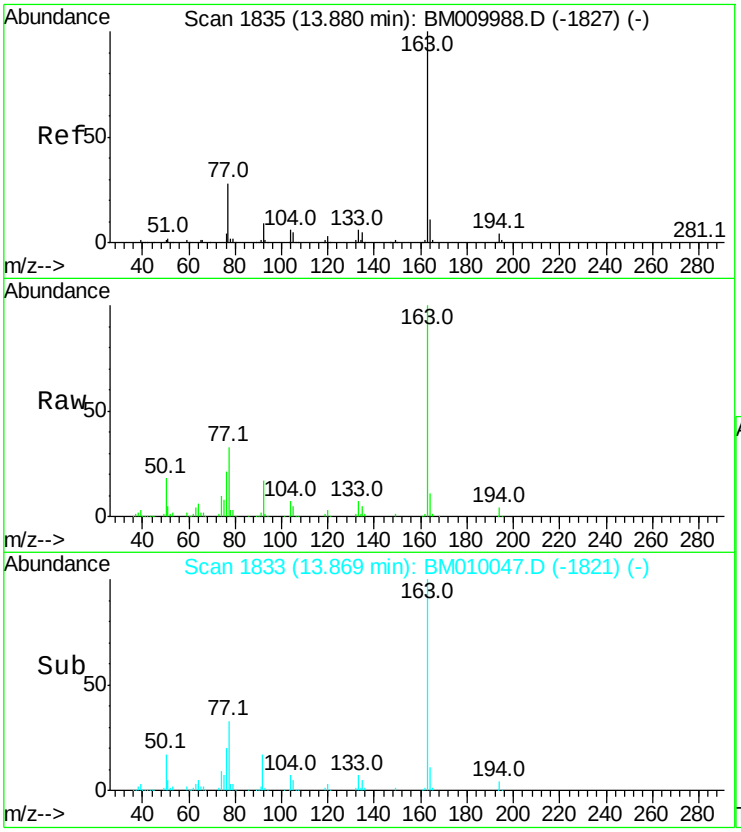




#48
Acenaphthylene
Concen: 47.23 ng
RT: 14.13 min Scan# 1878
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:152 Resp: 434012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.3 | 15.9 | 23.9 |
| 153 | 12.2 | 10.6 | 16.0 |



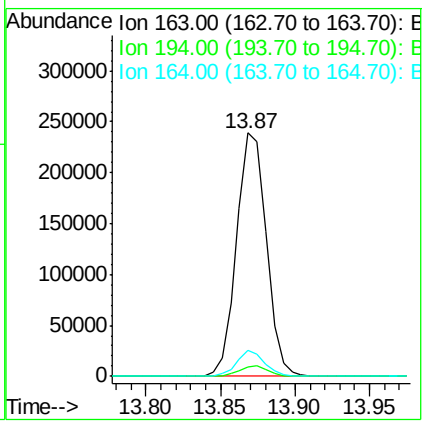


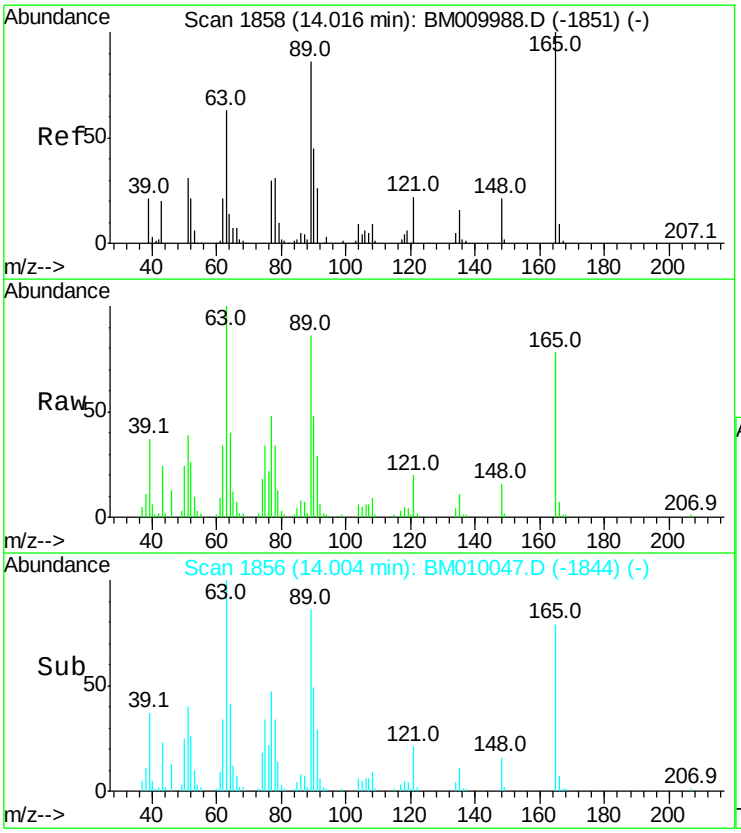

#49
Dimethylphthalate
Concen: 42.40 ng
RT: 13.87 min Scan# 1833
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:163 Resp: 333467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.1 | 2.7 | 4.1# |
| 164 | 10.8 | 8.2 | 12.2 |

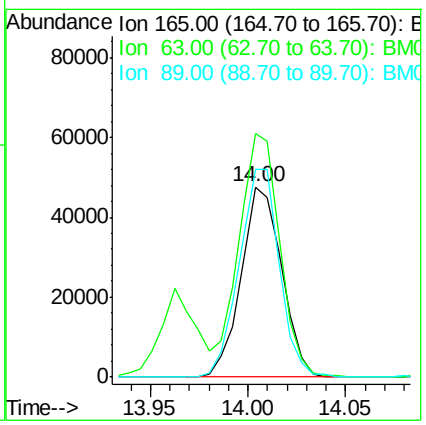


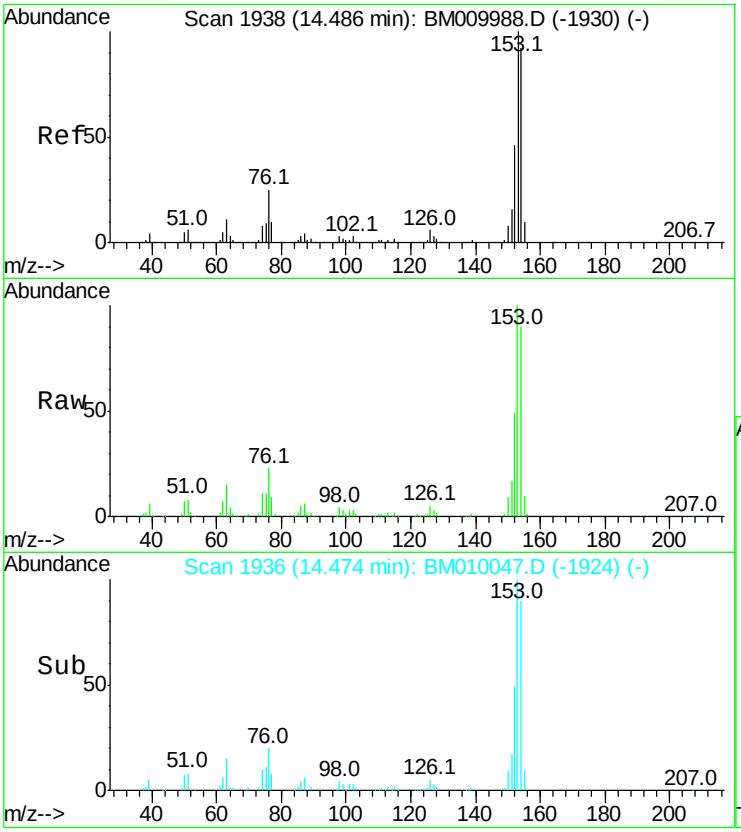




#50
2,6-Dinitrotoluene
Concen: 42.92 ng
RT: 14.00 min Scan# 1856
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:165 Resp: 68402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 128.0 | 44.1 | 66.1# |
| 89 | 109.5 | 44.3 | 66.5# |



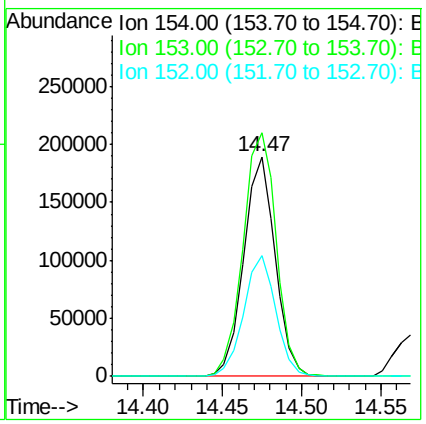


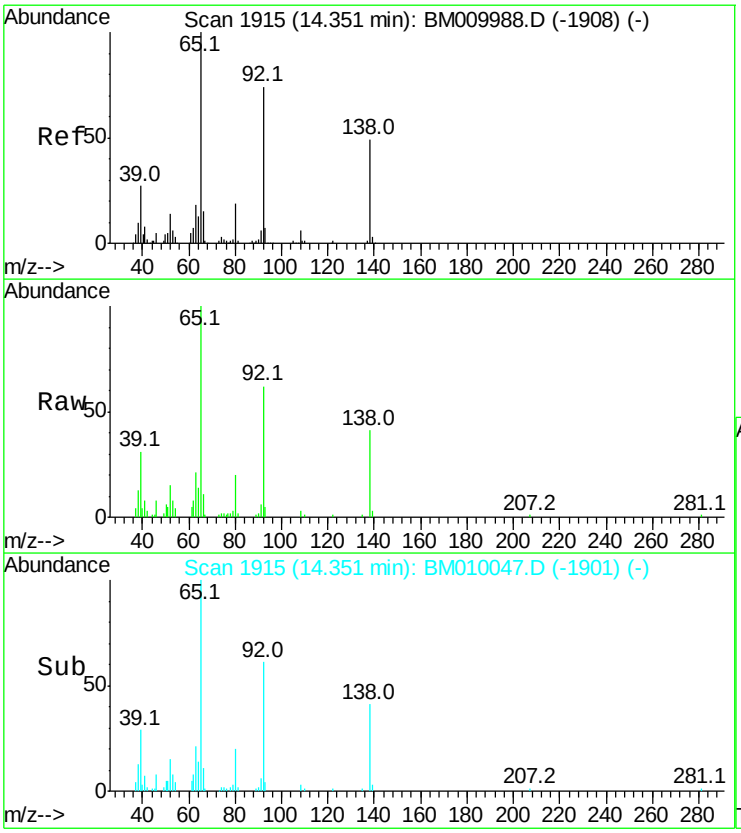

#51
Acenaphthene
Concen: 45.08 ng
RT: 14.47 min Scan# 1936
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:154 Resp: 261023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 110.7 | 90.0 | 135.0 |
| 152 | 54.7 | 42.6 | 63.8 |

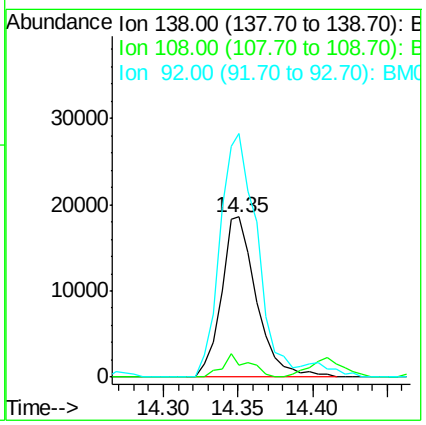


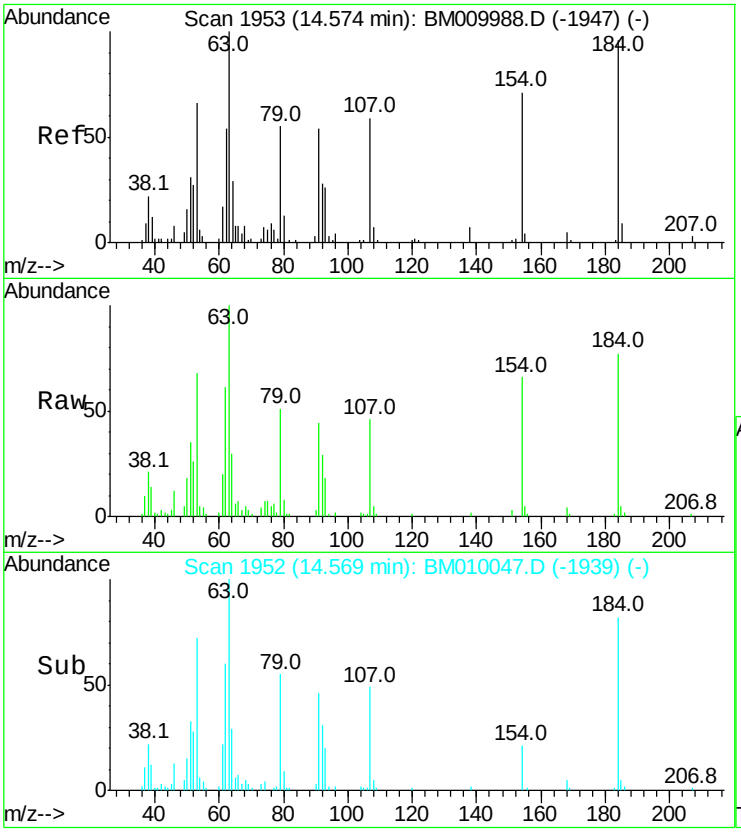




#52
3-Nitroaniline
Concen: 18.11 ng
RT: 14.35 min Scan# 1915
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:138 Resp: 30655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 7.8 | 7.3 | 10.9 |
| 92 | 152.4 | 76.6 | 114.8# |



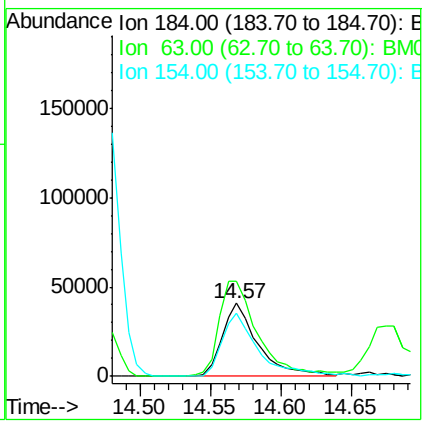


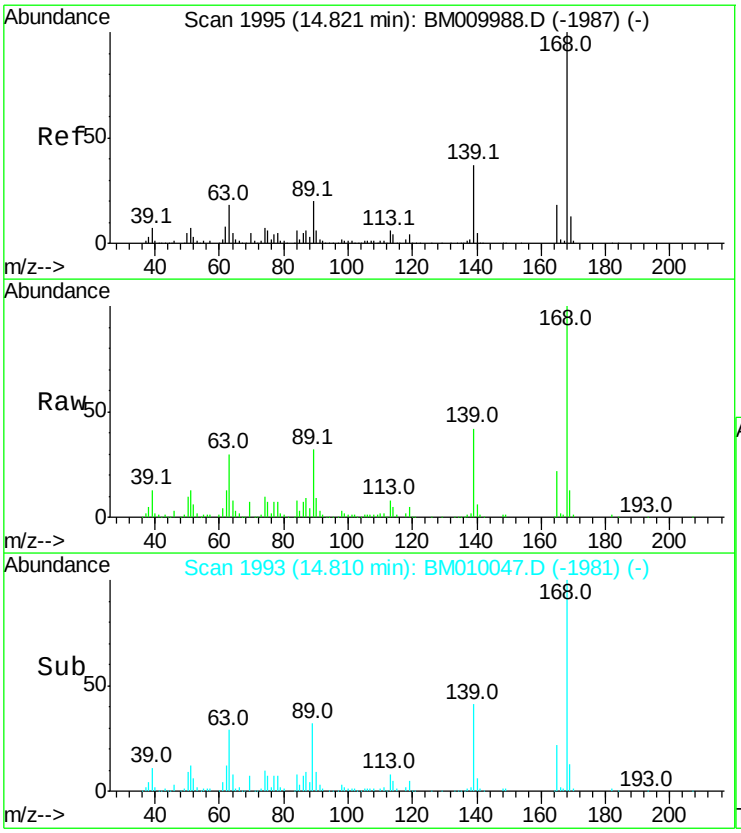

#53
2,4-Dinitrophenol
Concen: 75.96 ng
RT: 14.57 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:184 Resp: 71556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 129.8 | 69.2 | 103.8# |
| 154 | 86.1 | 53.3 | 79.9# |

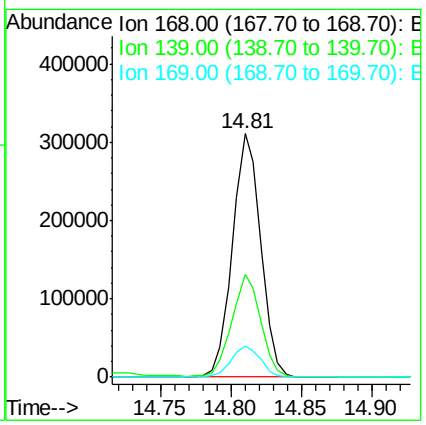


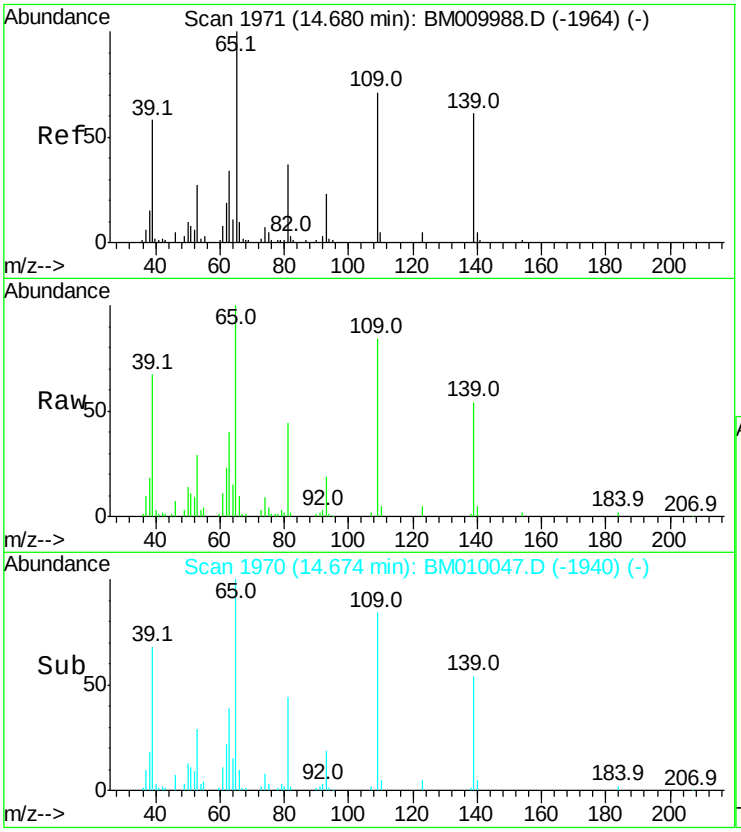




#54
Dibenzofuran
Concen: 48.55 ng
RT: 14.81 min Scan# 1993
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:168 Resp: 430633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 42.2 | 27.3 | 40.9# |
| 169 | 12.6 | 10.6 | 16.0 |



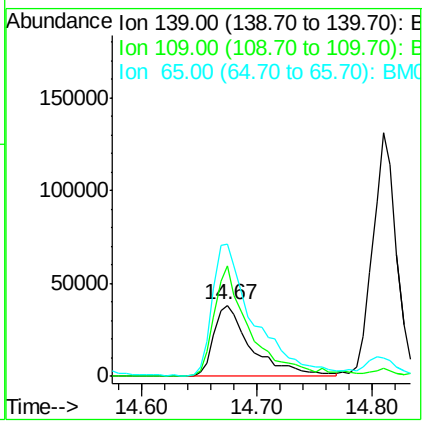


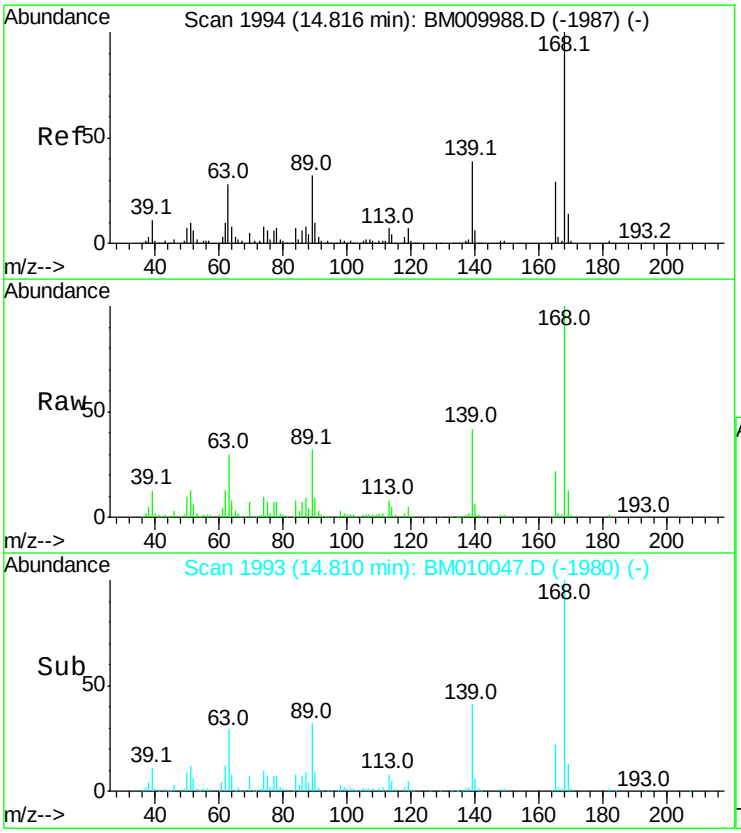

#55
4-Nitrophenol
Concen: 76.58 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:139 Resp: 86801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 155.6 | 37.7 | 77.7# |
| 65 | 185.3 | 49.9 | 89.9# |

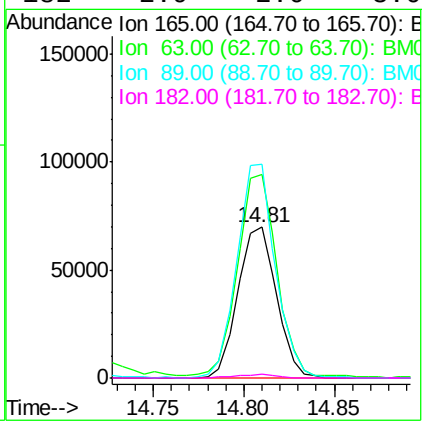


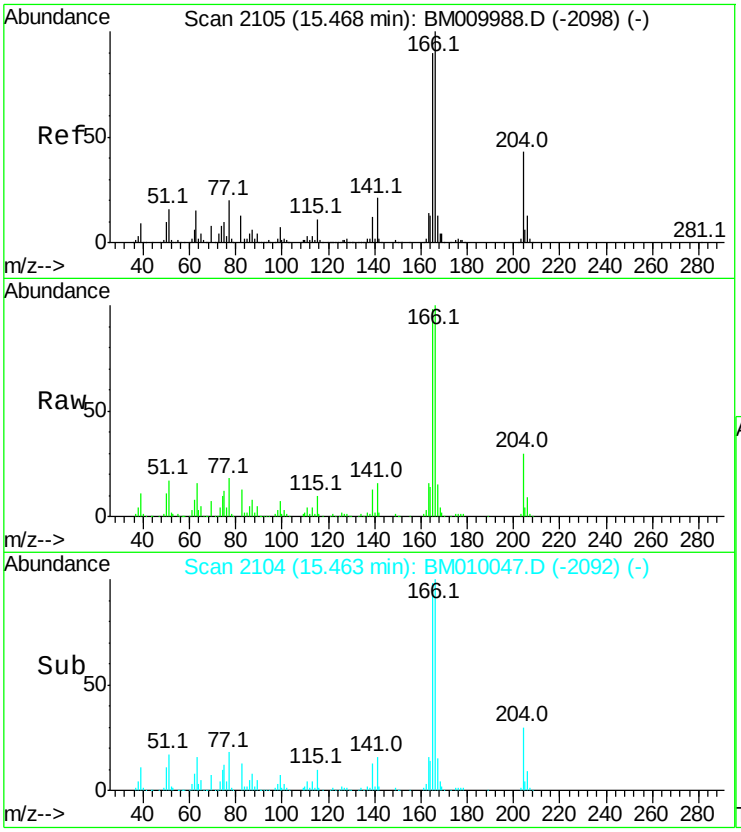




#56
2,4-Dinitrotoluene
Concen: 43.82 ng
RT: 14.81 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:165 Resp: 103308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 134.9 | 52.4 | 78.6# |
| 89 | 141.7 | 72.4 | 108.6# |
| 182 | 2.9 | 2.0 | 3.0 |



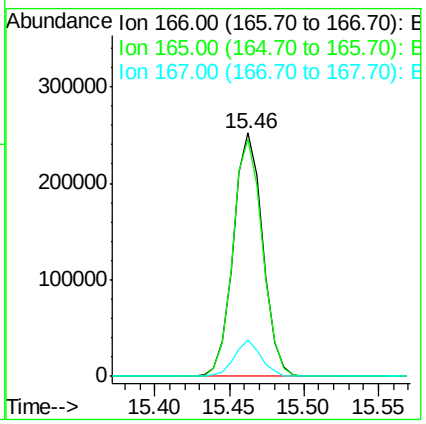


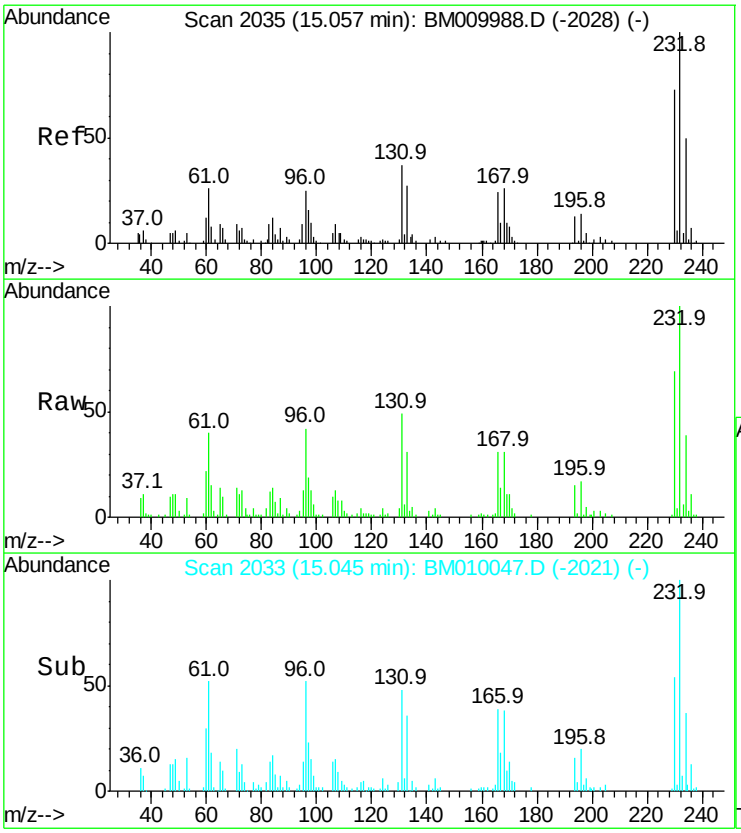

#57
Fluorene
Concen: 44.11 ng
RT: 15.46 min Scan# 2104
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:166 Resp: 345012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.6 | 79.0 | 118.4 |
| 167 | 14.7 | 10.3 | 15.5 |

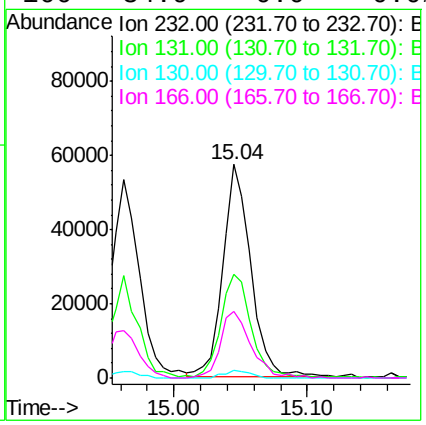


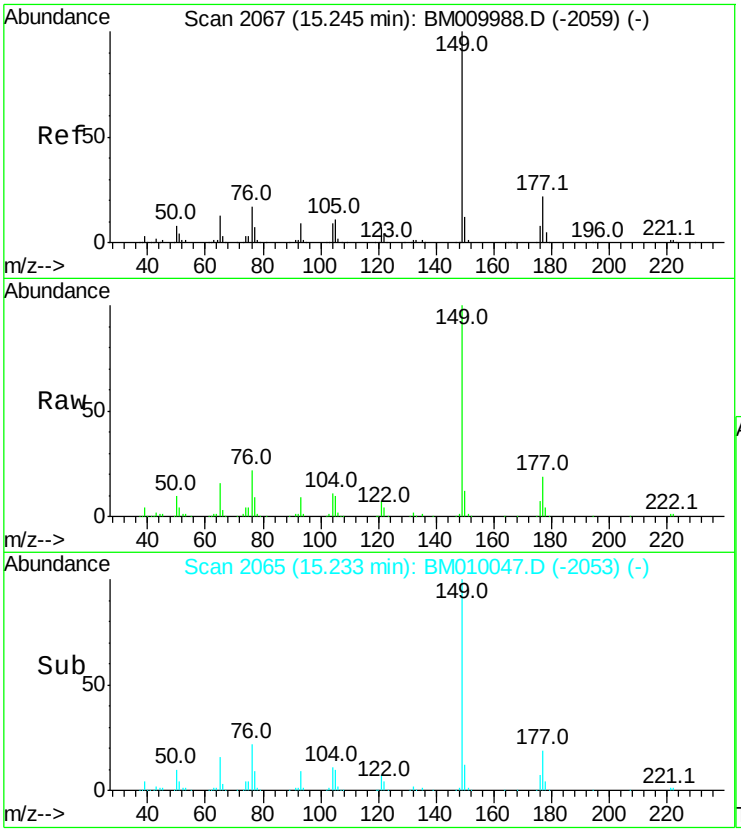




#58
2,3,4,6-Tetrachlorophenol
Concen: 44.34 ng
RT: 15.04 min Scan# 2033
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:232 Resp: 83197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 52.3 | 0.0 | 0.0# |
| 130 | 3.4 | 0.0 | 0.0# |
| 166 | 34.9 | 0.0 | 0.0# |



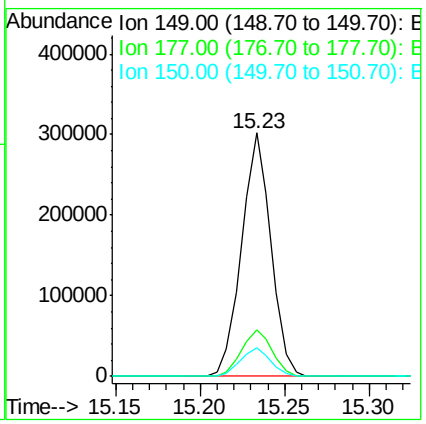


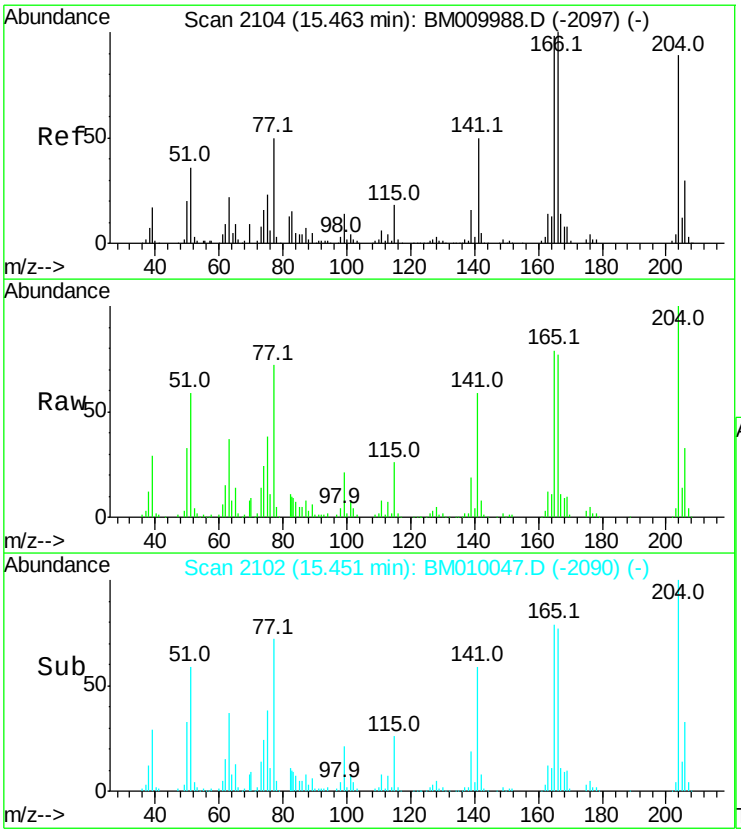

#59
Diethylphthalate
Concen: 44.20 ng
RT: 15.23 min Scan# 2065
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:149 Resp: 364964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 19.3 | 18.3 | 27.5 |
| 150 | 12.0 | 9.8 | 14.8 |

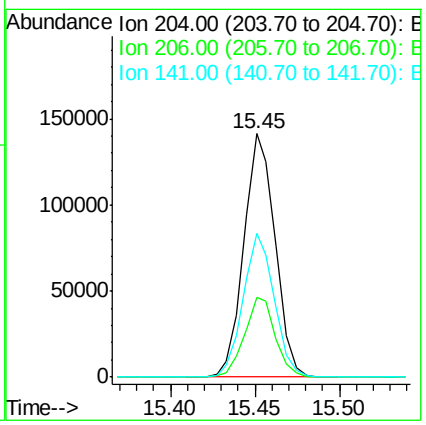


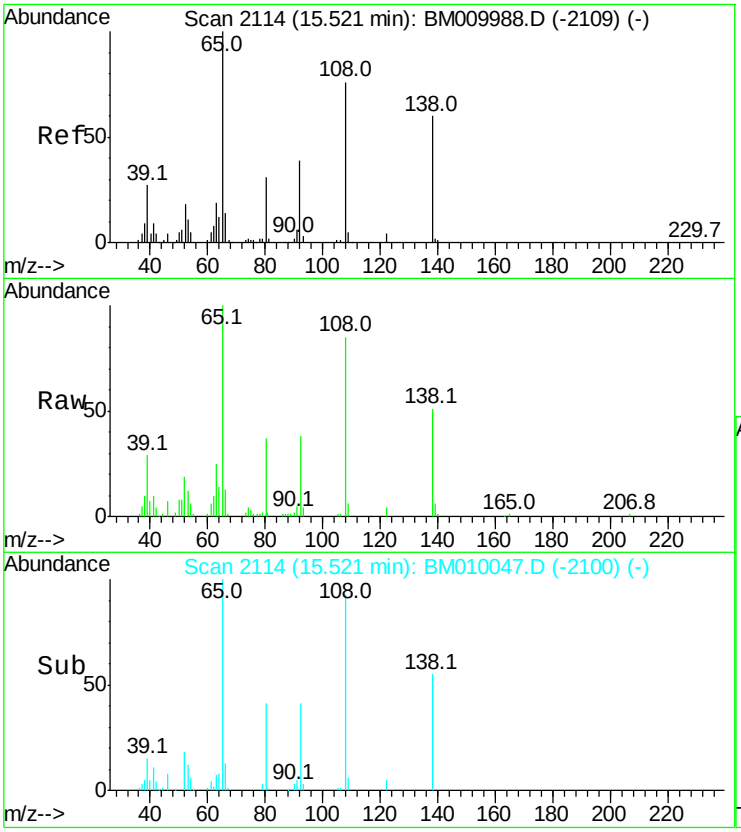




#60
4-Chlorophenyl-phenylether
Concen: 42.49 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:204 Resp: 181491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.9 | 26.6 | 39.8 |
| 141 | 59.3 | 45.2 | 67.8 |



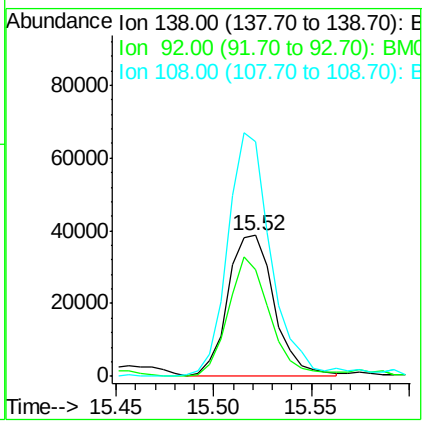


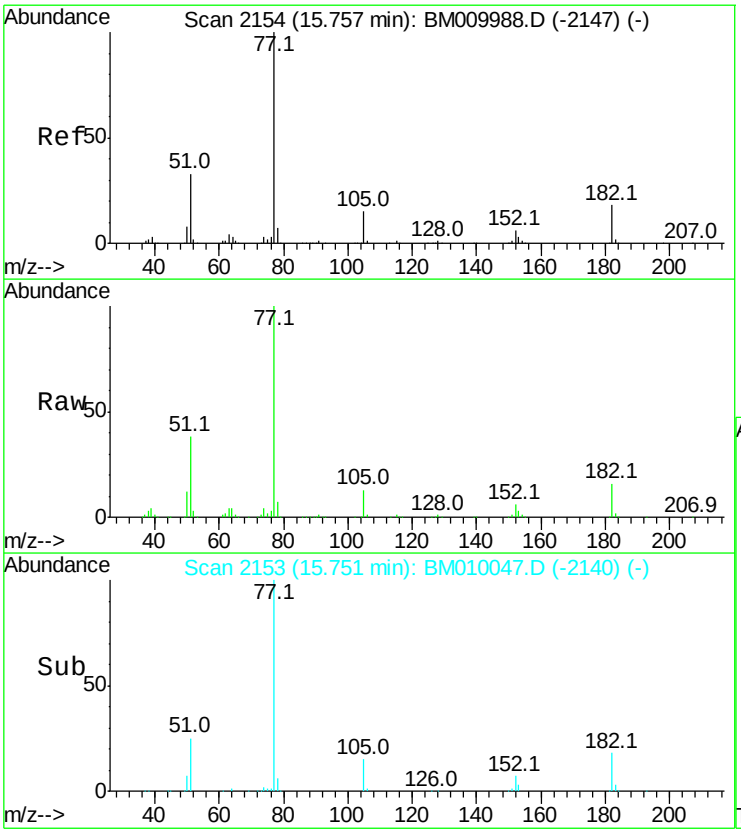

#61
4-Nitroaniline
Concen: 37.20 ng
RT: 15.52 min Scan# 2114
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:138 Resp: 64144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 75.3 | 16.7 | 56.7# |
| 108 | 166.2 | 37.6 | 77.6# |

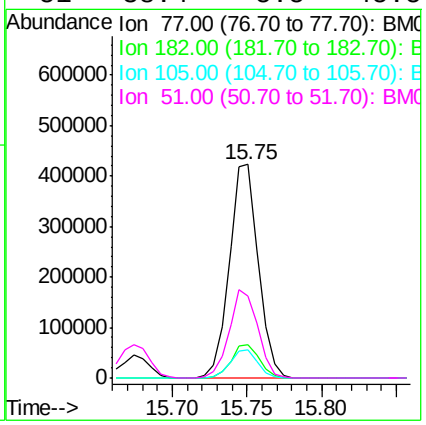


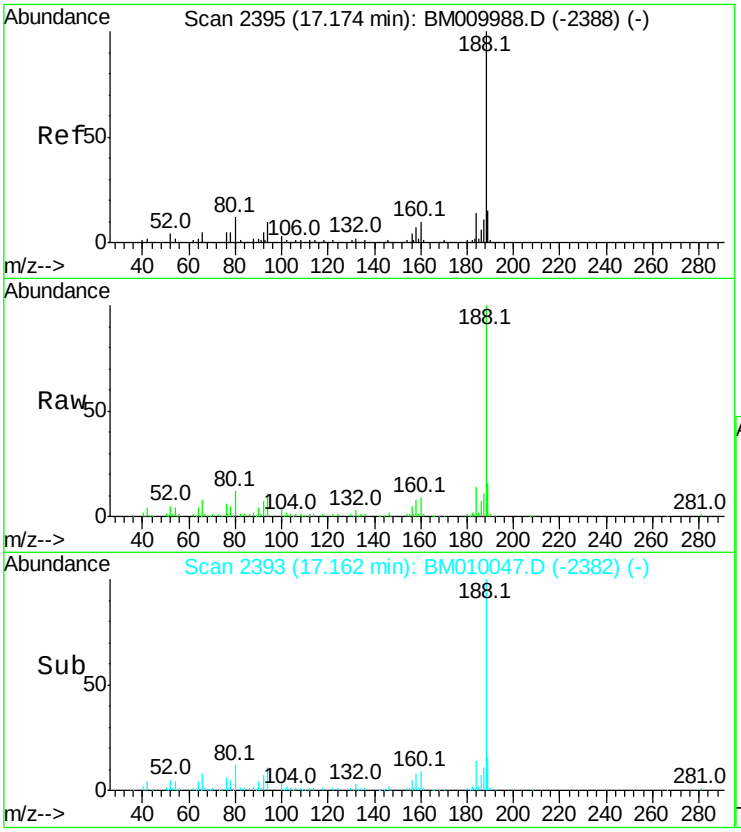




#62
Azobenzene
Concen: 57.41 ng
RT: 15.75 min Scan# 2153
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion: 77 Resp: 575221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 15.7 | 6.5 | 46.5 |
| 105 | 13.5 | 3.8 | 43.8 |
| 51 | 38.4 | 5.5 | 45.5 |



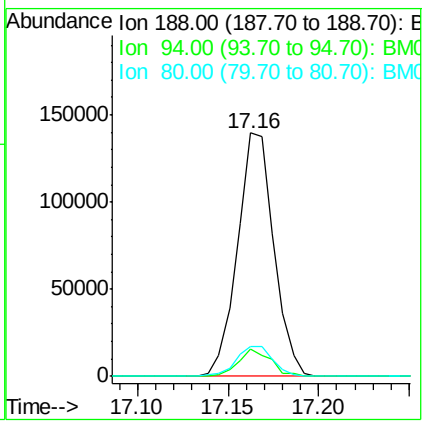


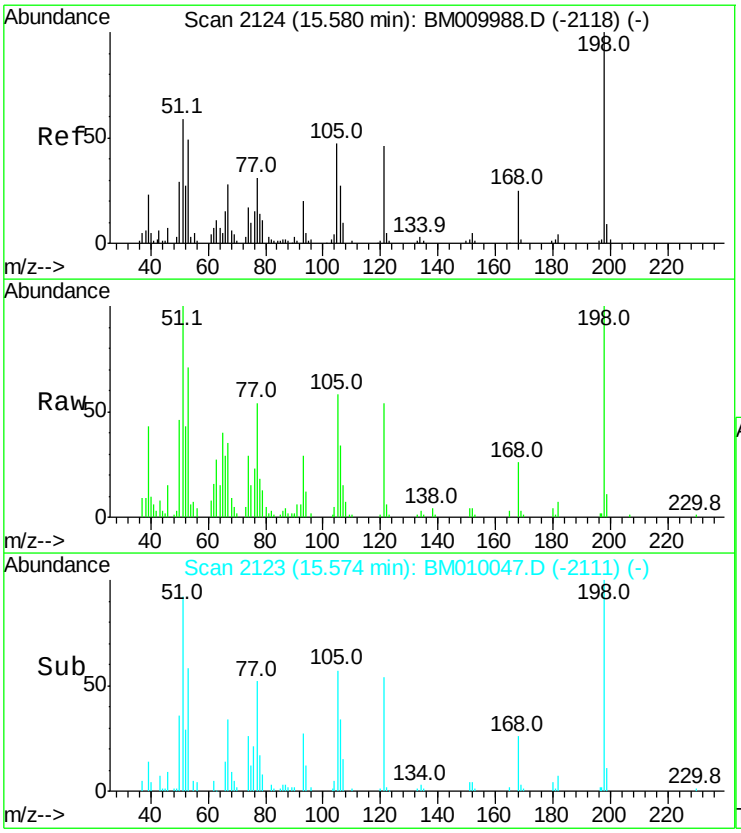

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.16 min Scan# 2393
Delta R.T. -0.04 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:188 Resp: 194181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 11.1 | 8.7 | 13.1 |
| 80 | 12.3 | 9.3 | 13.9 |

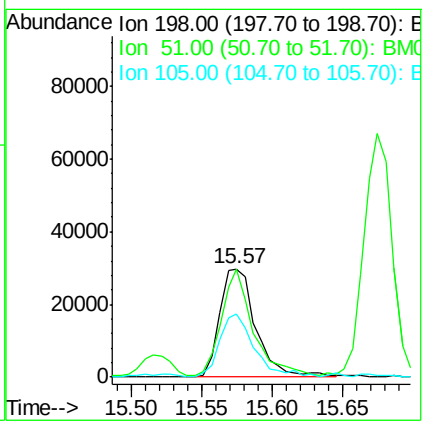


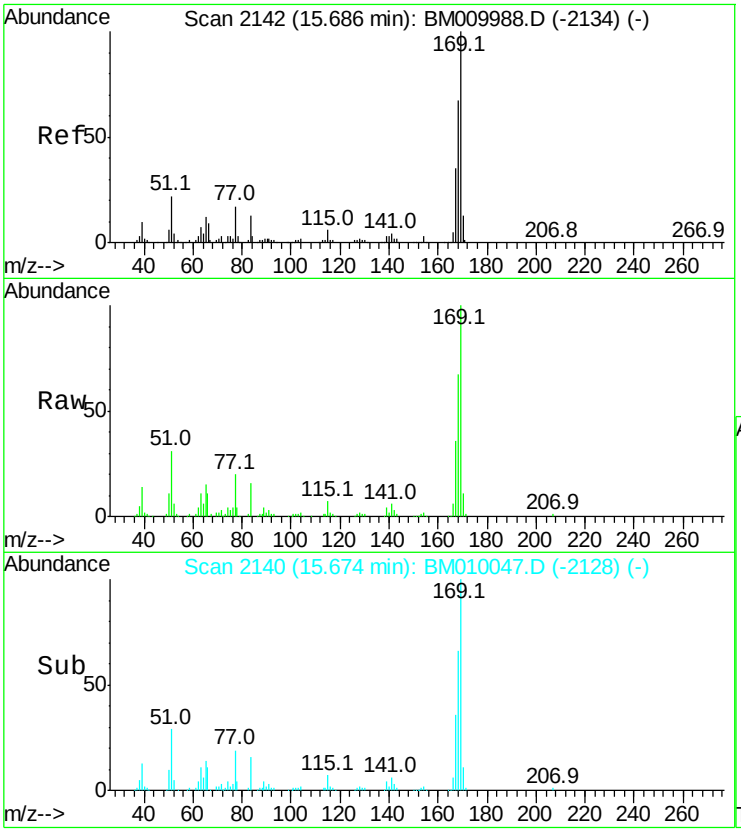




#64
4,6-Dinitro-2-methylphenol
Concen: 42.51 ng
RT: 15.57 min Scan# 2123
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:198 Resp: 53156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 99.8 | 28.8 | 68.8# |
| 105 | 58.3 | 30.5 | 70.5 |



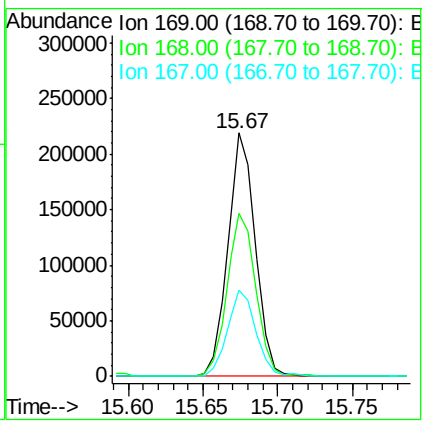


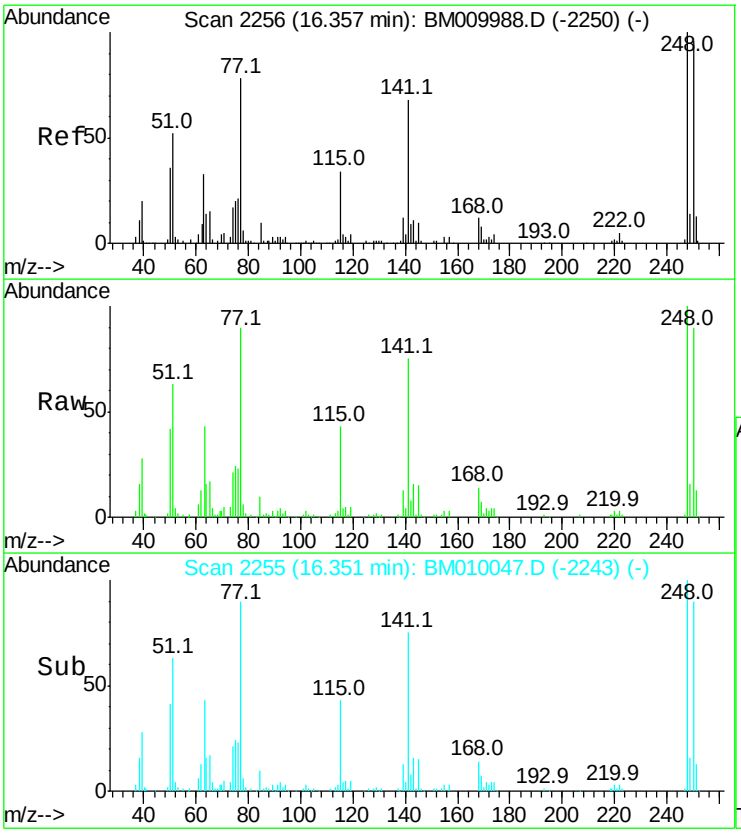

#65
n-Nitrosodiphenylamine
Concen: 46.88 ng
RT: 15.67 min Scan# 2140
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:169 Resp: 282470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.7 | 53.9 | 80.9 |
| 167 | 35.5 | 28.9 | 43.3 |

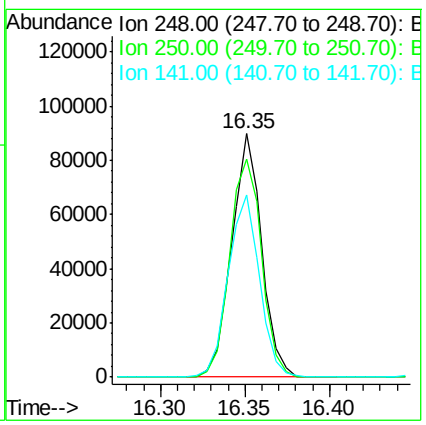


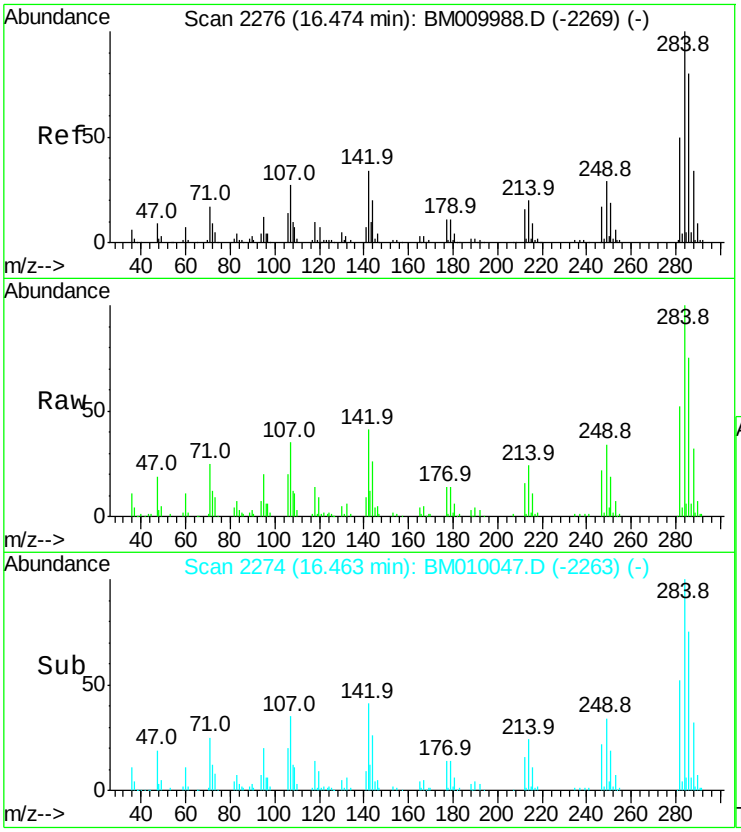




#66
4-Bromophenyl-phenylether
Concen: 47.96 ng
RT: 16.35 min Scan# 2255
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:248 Resp: 110620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 89.6 | 77.4 | 116.0 |
| 141 | 74.8 | 45.2 | 67.8# |



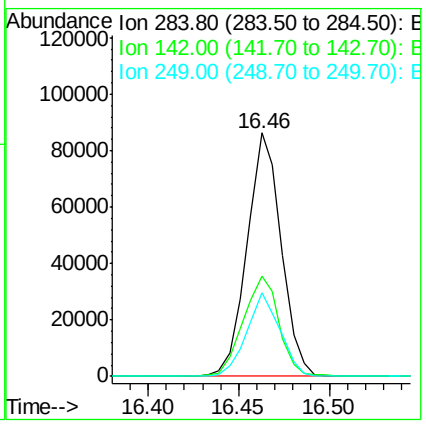


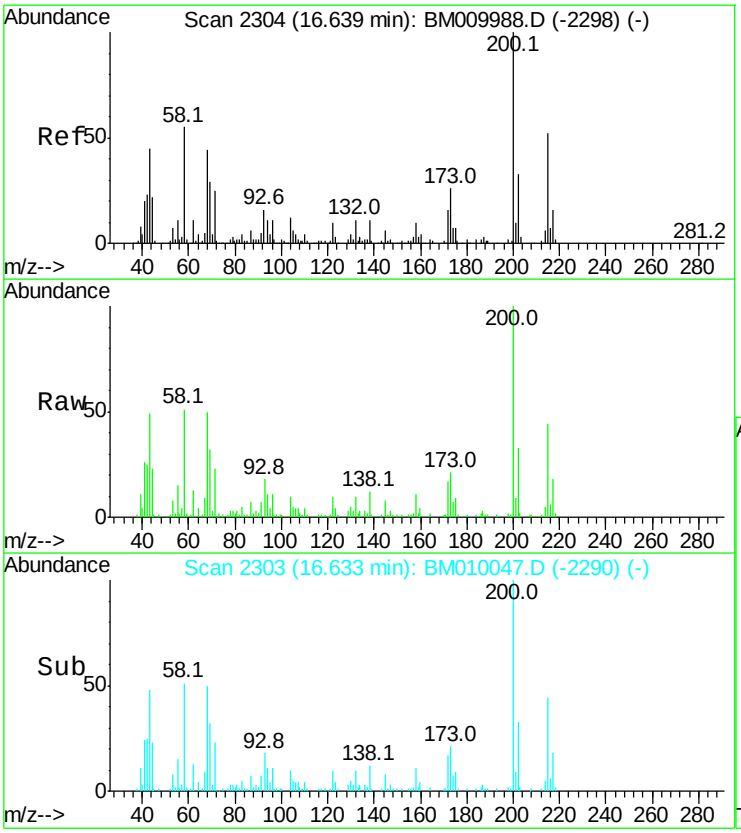

#67
Hexachlorobenzene
Concen: 43.96 ng
RT: 16.46 min Scan# 2274
Delta R.T. -0.04 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:284 Resp: 112536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 41.2 | 20.4 | 30.6# |
| 249 | 34.2 | 23.8 | 35.6 |

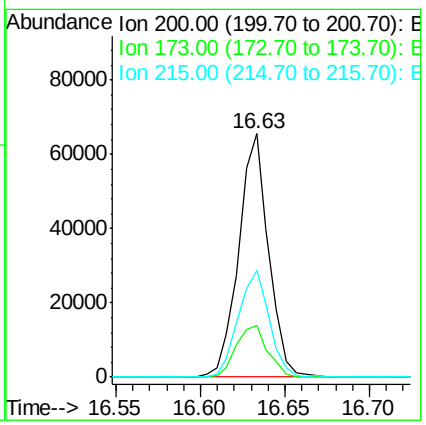


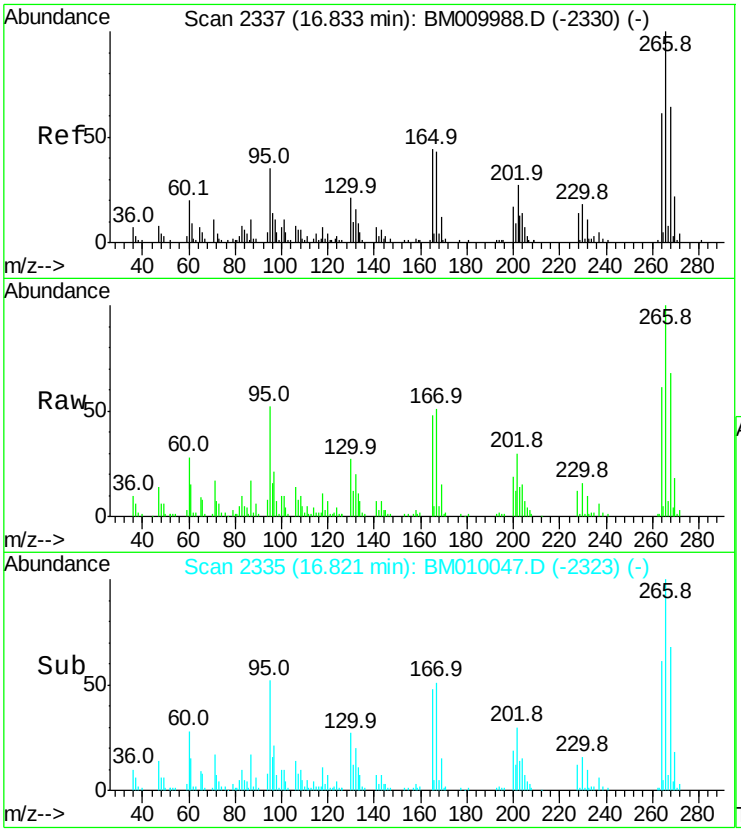




#68
Atrazine
Concen: 36.67 ng
RT: 16.63 min Scan# 2303
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:200 Resp: 80737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 21.4 | 4.8 | 44.8 |
| 215 | 43.9 | 26.9 | 66.9 |



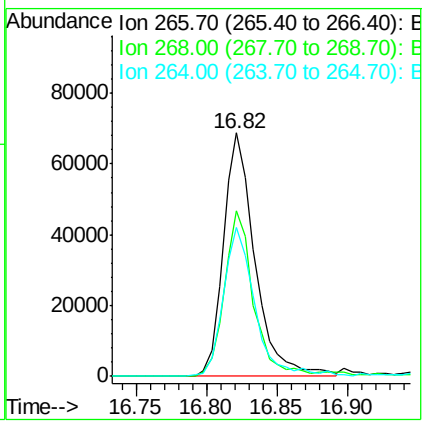


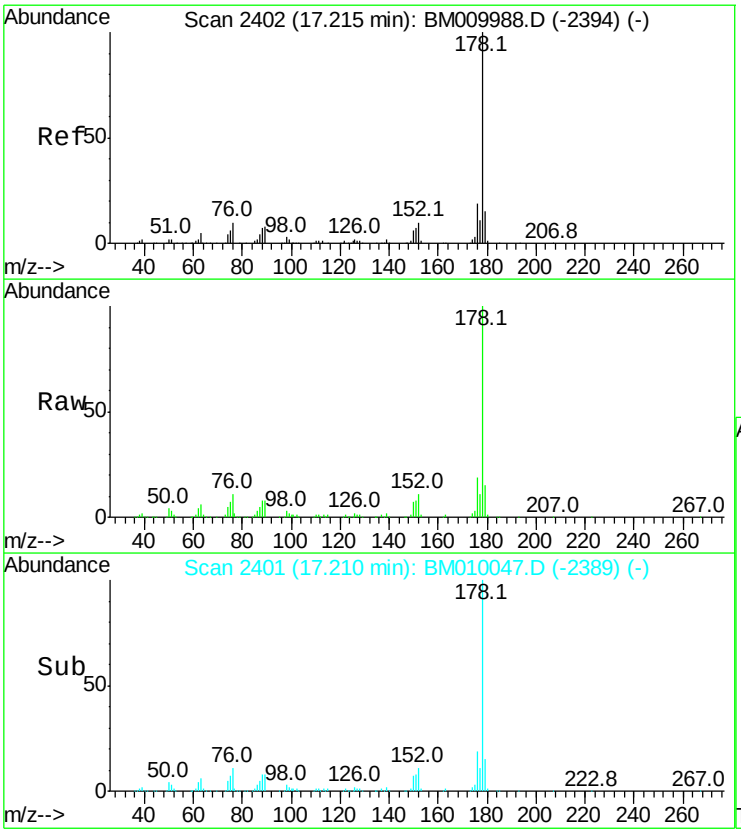

#69
Pentachlorophenol
Concen: 84.88 ng
RT: 16.82 min Scan# 2335
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:266 Resp: 106744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 67.7 | 52.0 | 78.0 |
| 264 | 61.1 | 49.0 | 73.4 |

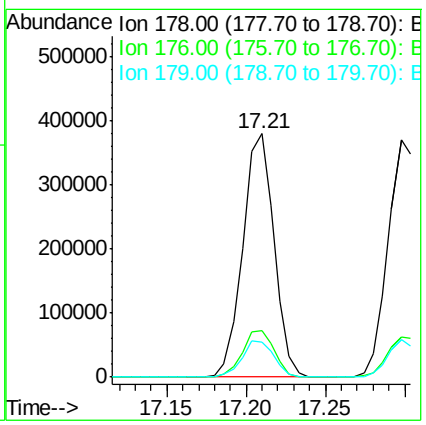


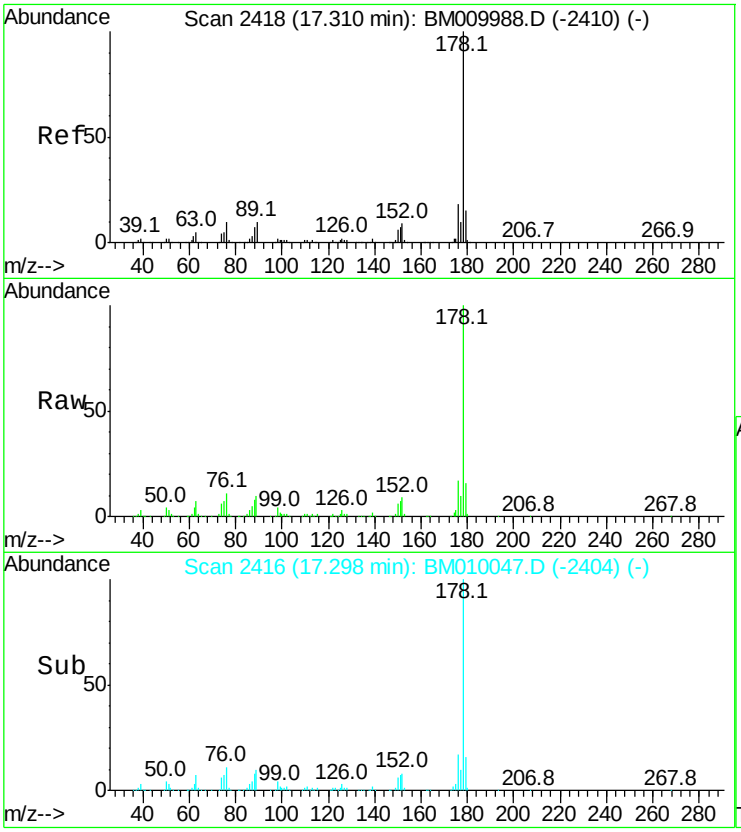




#70
Phenanthrene
Concen: 46.58 ng
RT: 17.21 min Scan# 2401
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:178 Resp: 519167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 15.2 | 22.8 |
| 179 | 14.5 | 12.1 | 18.1 |



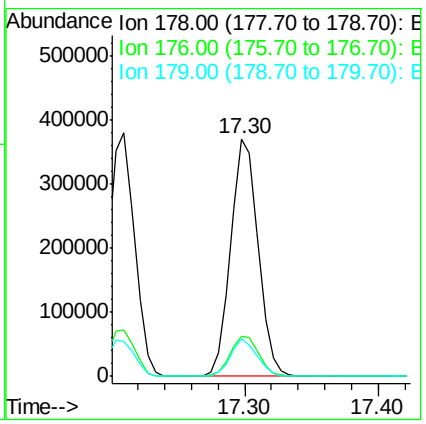


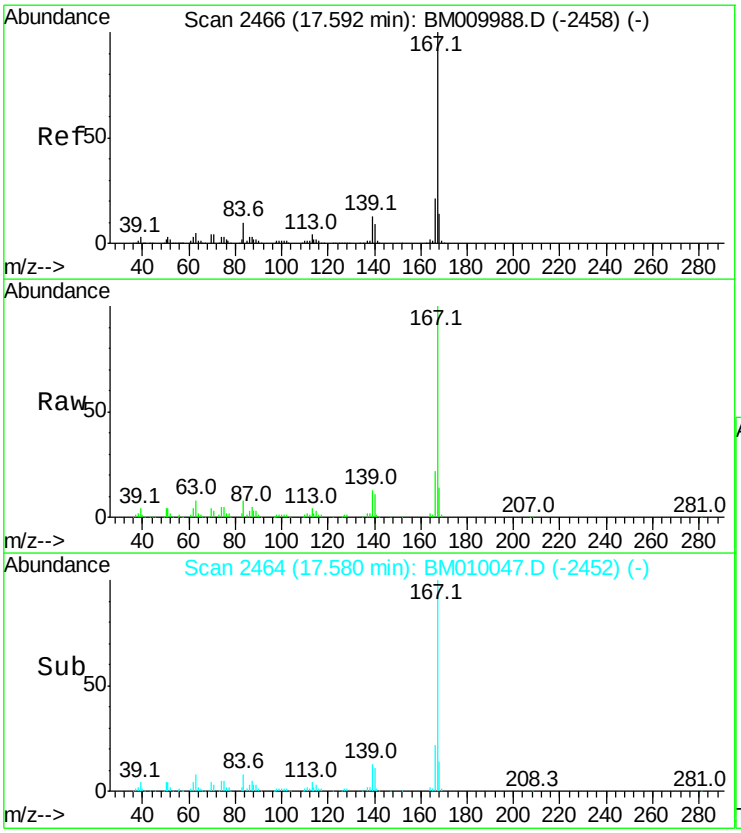

#71
Anthracene
Concen: 46.91 ng
RT: 17.30 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:178 Resp: 533352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 17.1 | 14.6 | 22.0 |
| 179 | 16.0 | 12.6 | 19.0 |

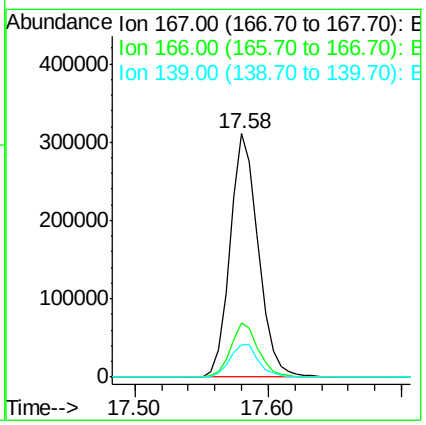


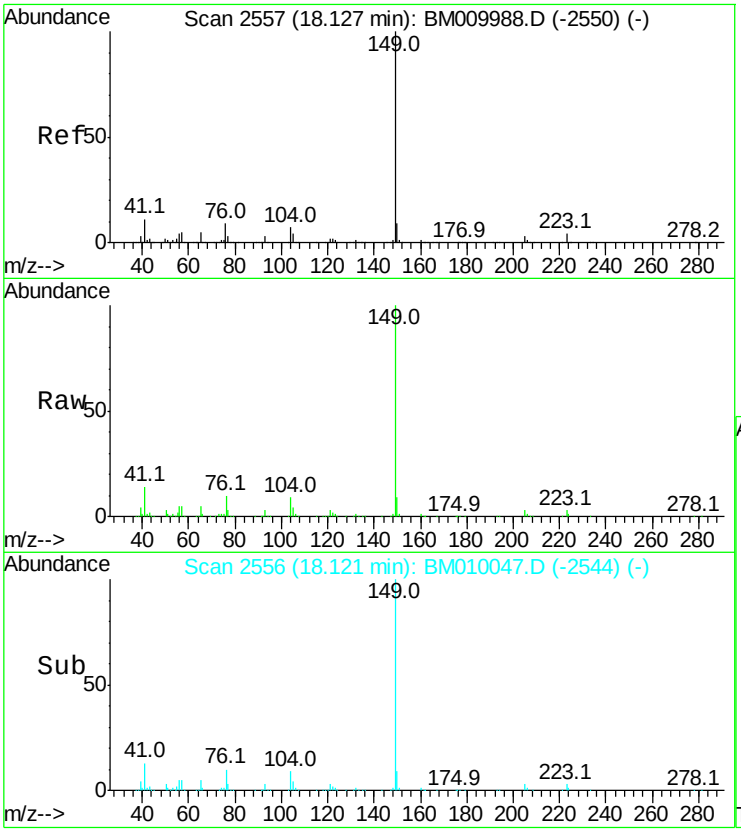




#72
Carbazole
Concen: 45.01 ng
RT: 17.58 min Scan# 2464
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:167 Resp: 456837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.1 | 17.2 | 25.8 |
| 139 | 13.1 | 10.8 | 16.2 |



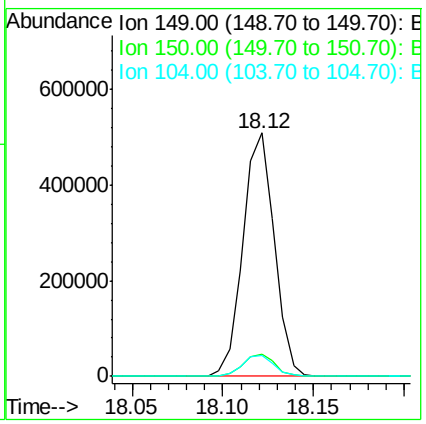


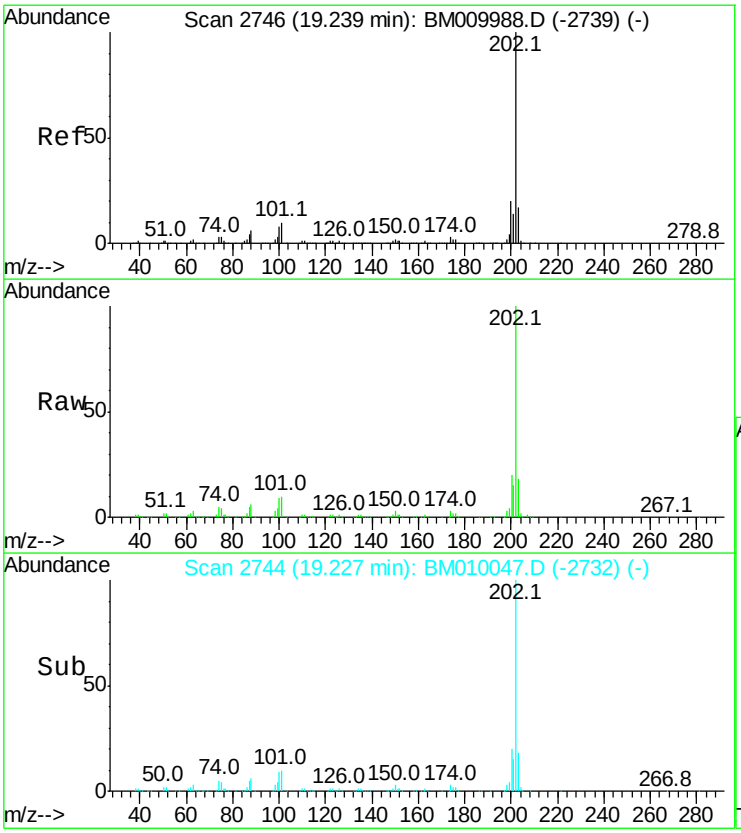

#73
Di-n-butylphthalate
Concen: 47.32 ng
RT: 18.12 min Scan# 2556
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:149 Resp: 610632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.1 | 7.5 | 11.3 |
| 104 | 8.6 | 3.7 | 5.5# |

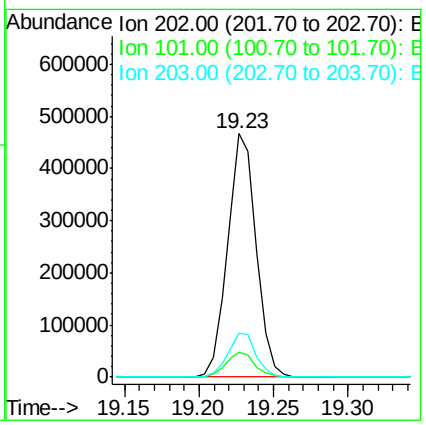


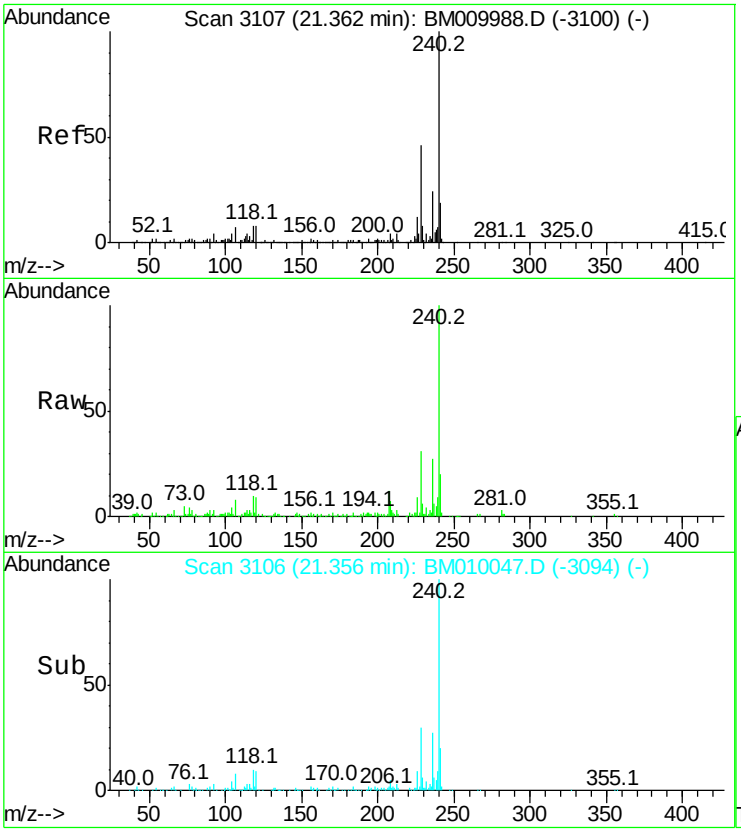




#74
Fluoranthene
Concen: 43.63 ng
RT: 19.23 min Scan# 2744
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:202 Resp: 623922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.0 | 0.0 | 28.7 |
| 203 | 18.1 | 0.0 | 37.2 |



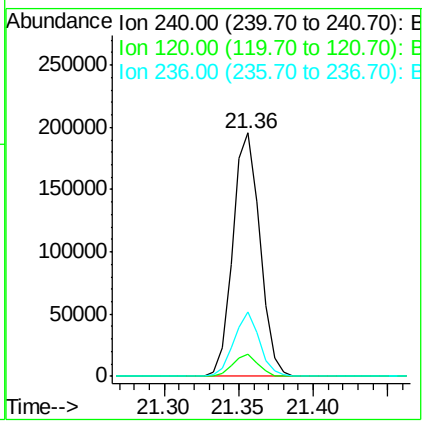


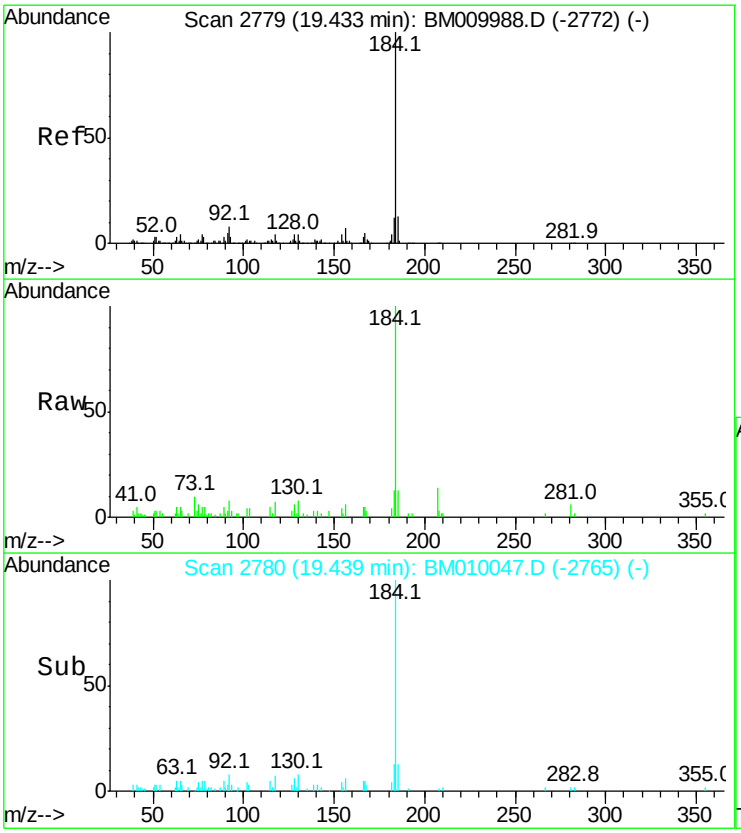

#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3106
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:240 Resp: 248476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.0 | 8.2 | 12.2 |
| 236 | 26.7 | 20.0 | 30.0 |

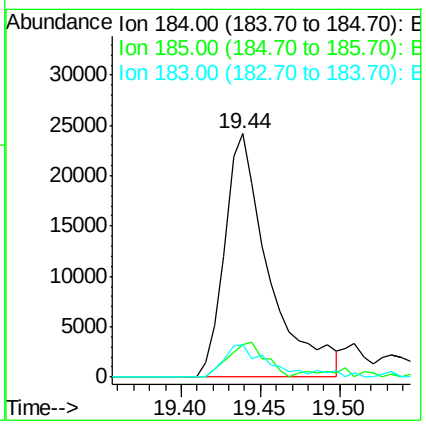


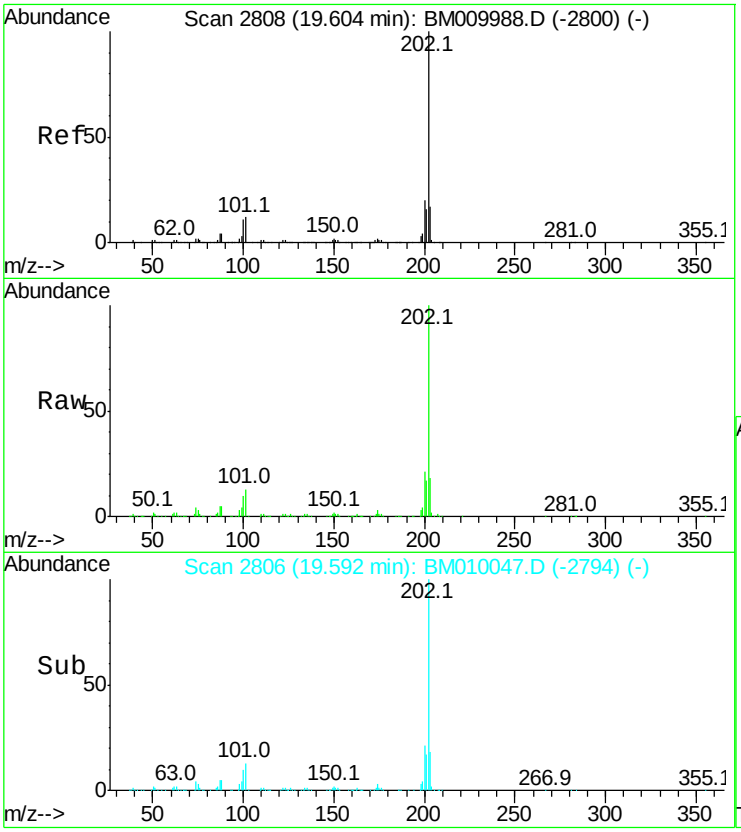




#76
Benzidine
Concen: 7.54 ng
RT: 19.44 min Scan# 2780
Delta R.T. -0.01 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:184 Resp: 46852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 13.4 | 11.3 | 16.9 |
| 183 | 13.1 | 8.9 | 13.3 |



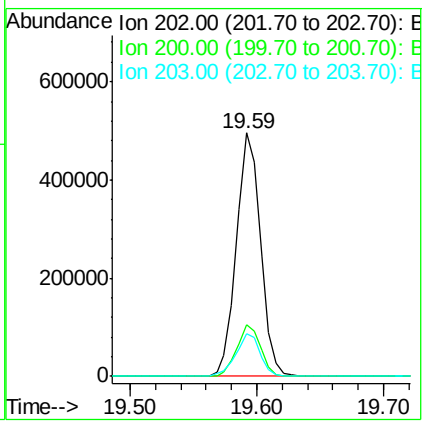


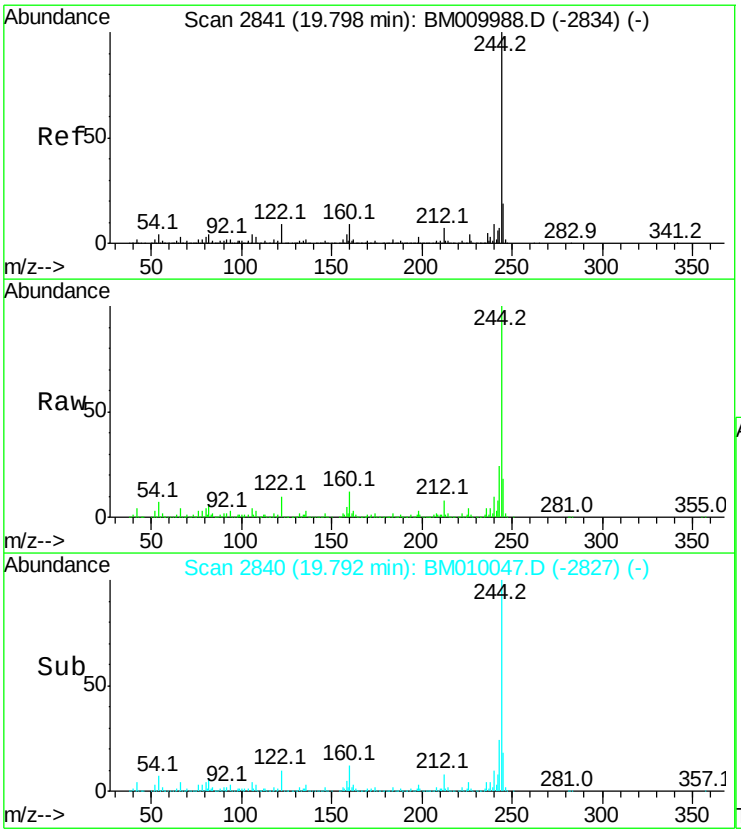

#77
Pyrene
Concen: 43.90 ng
RT: 19.59 min Scan# 2806
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:202 Resp: 649189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.0 | 16.9 | 25.3 |
| 203 | 17.6 | 14.1 | 21.1 |

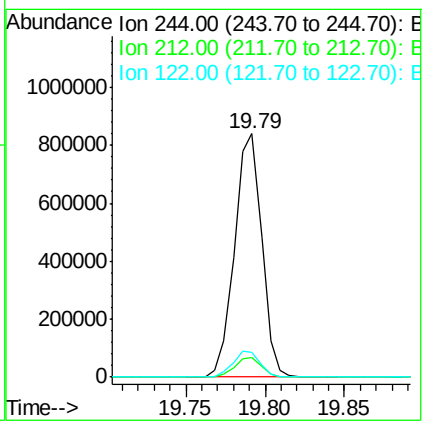


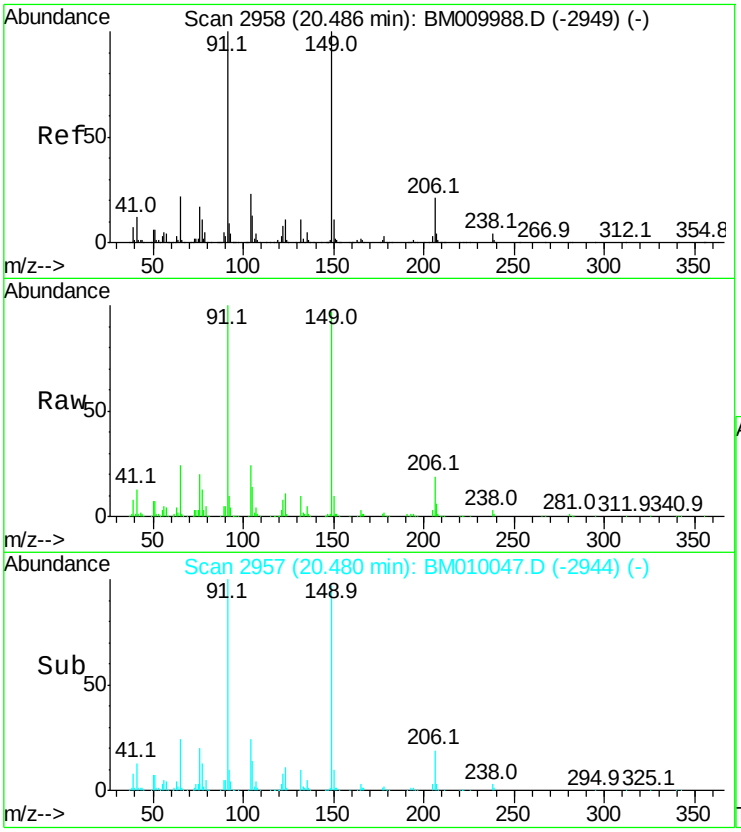




#78
Terphenyl-d14
Concen: 84.54 ng
RT: 19.79 min Scan# 2840
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:244 Resp: 996748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.9 | 4.9 | 7.3# |
| 122 | 9.9 | 6.2 | 9.4# |



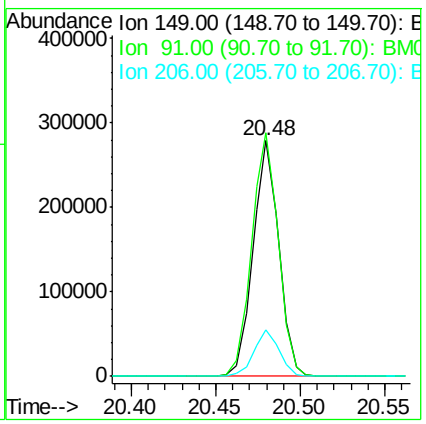


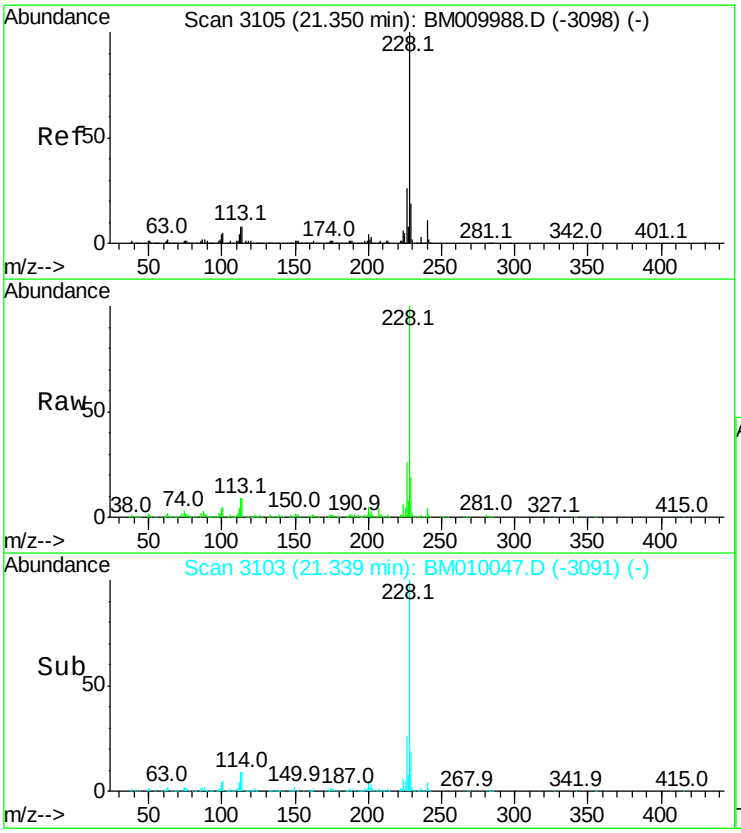

#79
Butylbenzylphthalate
Concen: 48.08 ng
RT: 20.48 min Scan# 2957
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:149 Resp: 296060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 103.4 | 50.1 | 75.1# |
| 206 | 19.6 | 16.2 | 24.2 |

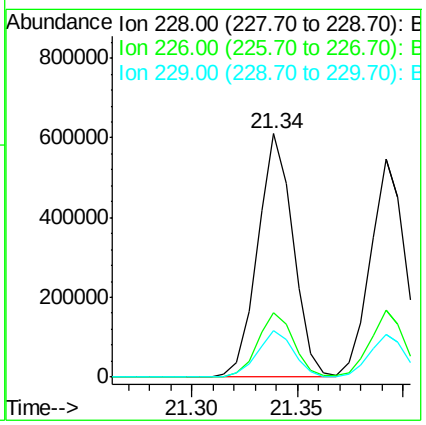


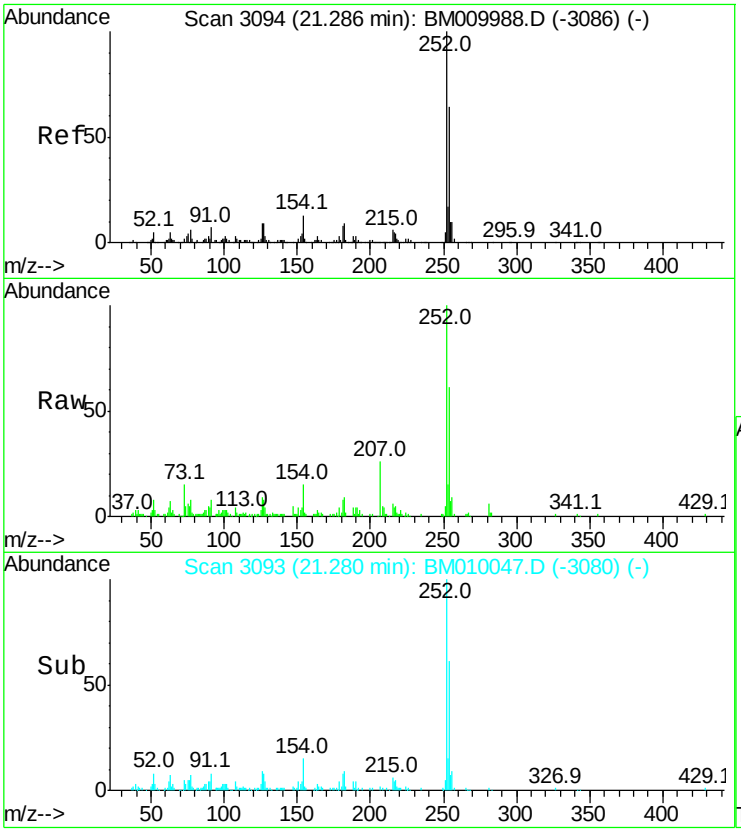




#80
Benzo(a)anthracene
Concen: 47.86 ng
RT: 21.34 min Scan# 3103
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:228 Resp: 714479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.5 | 21.7 | 32.5 |
| 229 | 19.2 | 16.0 | 24.0 |



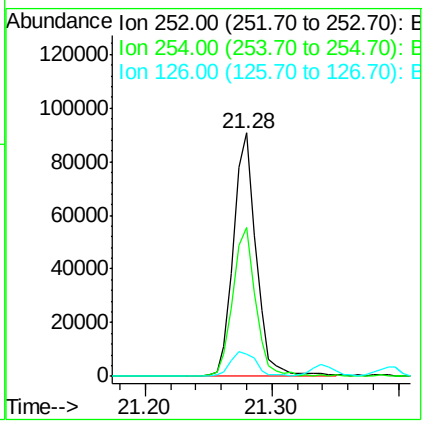


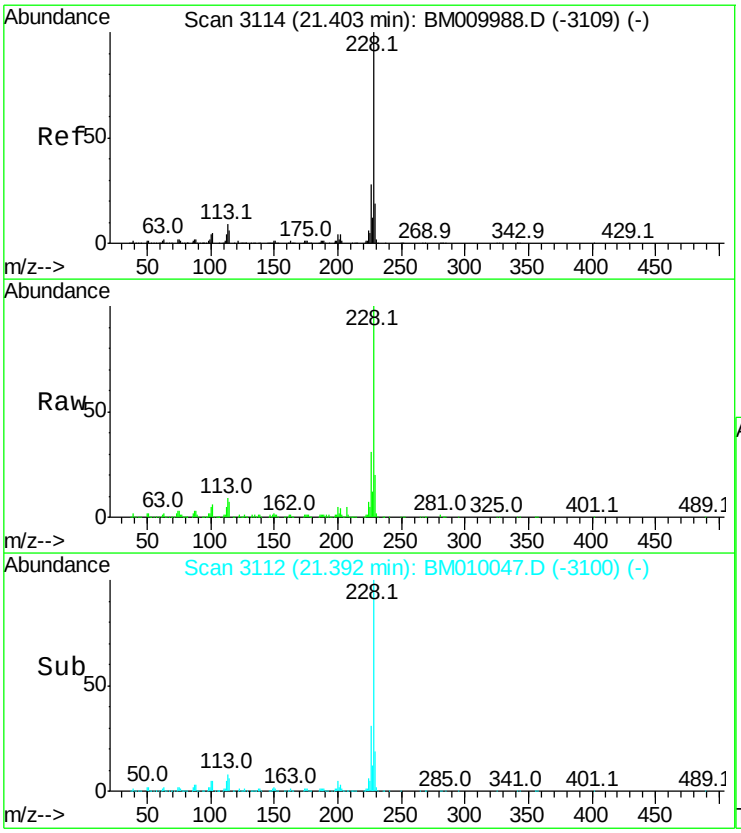

#81
3,3'-Dichlorobenzidine
Concen: 20.33 ng
RT: 21.28 min Scan# 3093
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:252 Resp: 111800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 60.9 | 51.9 | 77.9 |
| 126 | 8.9 | 9.8 | 14.8# |

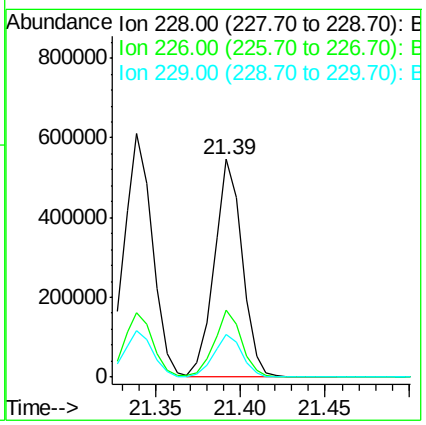


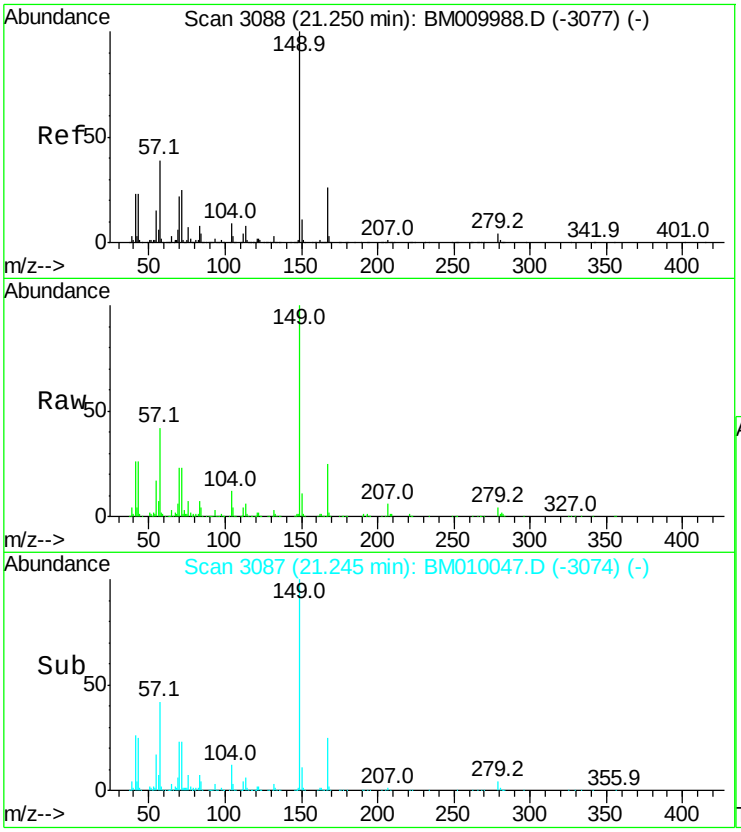




#82
Chrysene
Concen: 44.93 ng
RT: 21.39 min Scan# 3112
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:228 Resp: 629017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.5 | 24.1 | 36.1 |
| 229 | 19.6 | 15.5 | 23.3 |



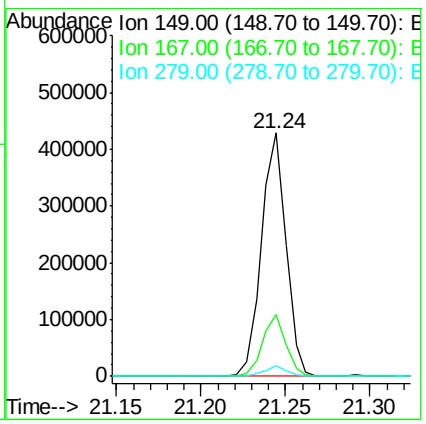


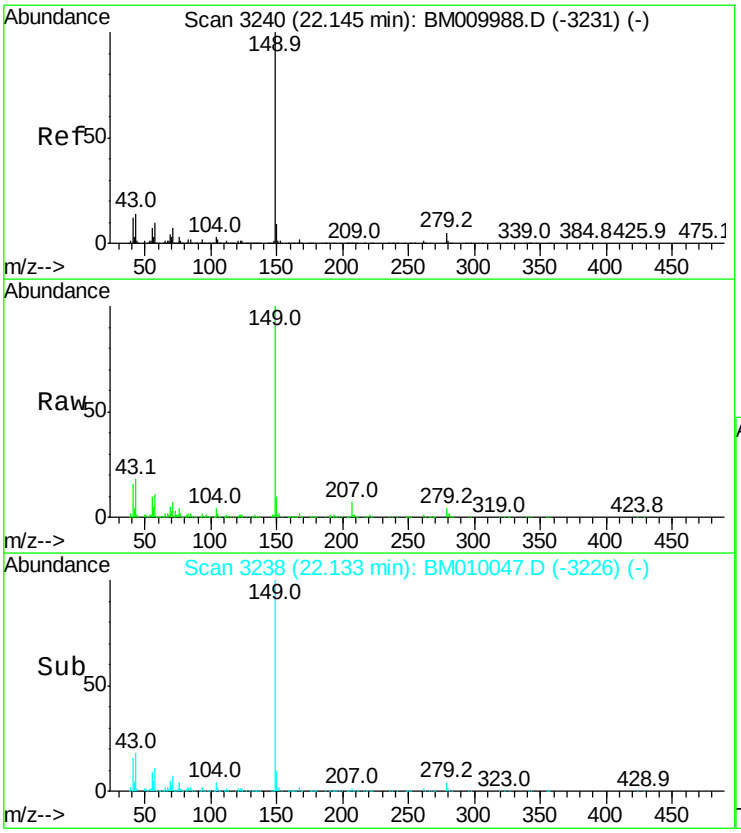

#83
Bis(2-ethylhexyl)phthalate
Concen: 46.84 ng
RT: 21.24 min Scan# 3087
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:149 Resp: 430649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 25.3 | 22.4 | 33.6 |
| 279 | 4.3 | 3.4 | 5.0 |

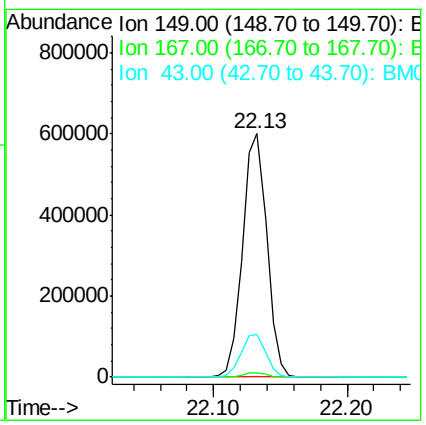


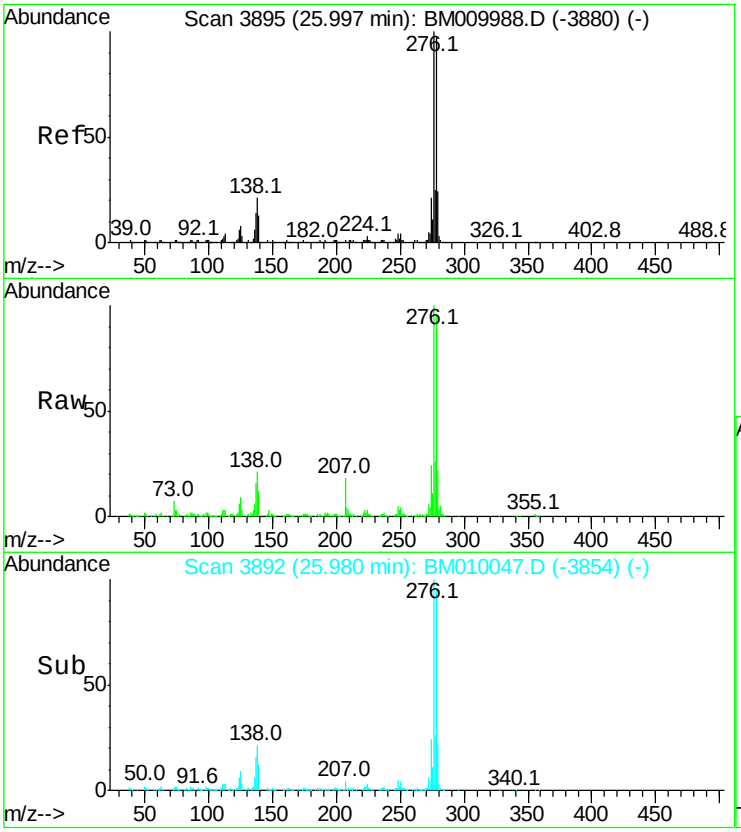




#84
Di-n-octyl phthalate
Concen: 47.16 ng
RT: 22.13 min Scan# 3238
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:149 Resp: 743857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.2 | 1.8 |
| 43 | 18.0 | 7.3 | 10.9# |



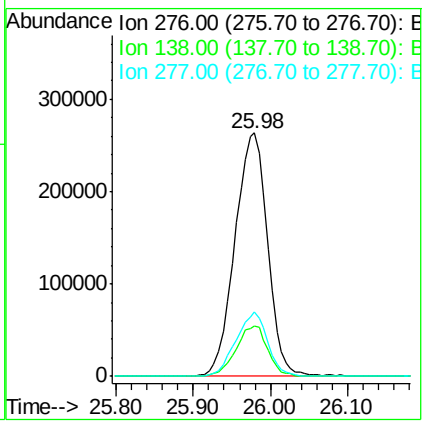


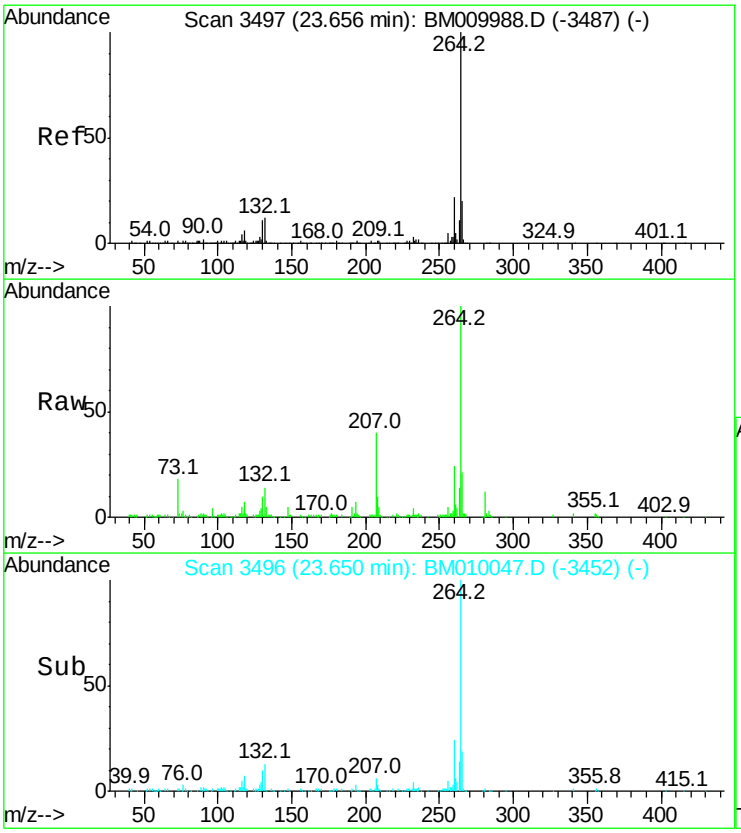

#85
Indeno(1,2,3-cd)pyrene
Concen: 66.46 ng
RT: 25.98 min Scan# 3892
Delta R.T. -0.08 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:276 Resp: 784343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 20.2 | 0.0 | 0.0# |
| 277 | 25.5 | 0.0 | 0.0# |

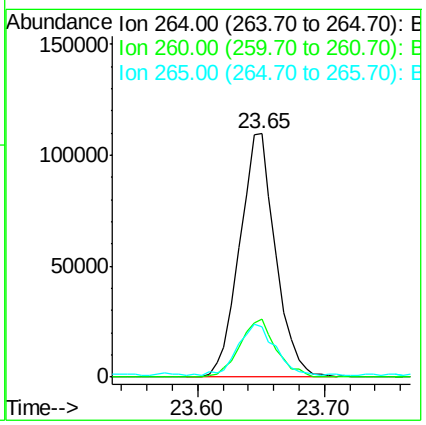


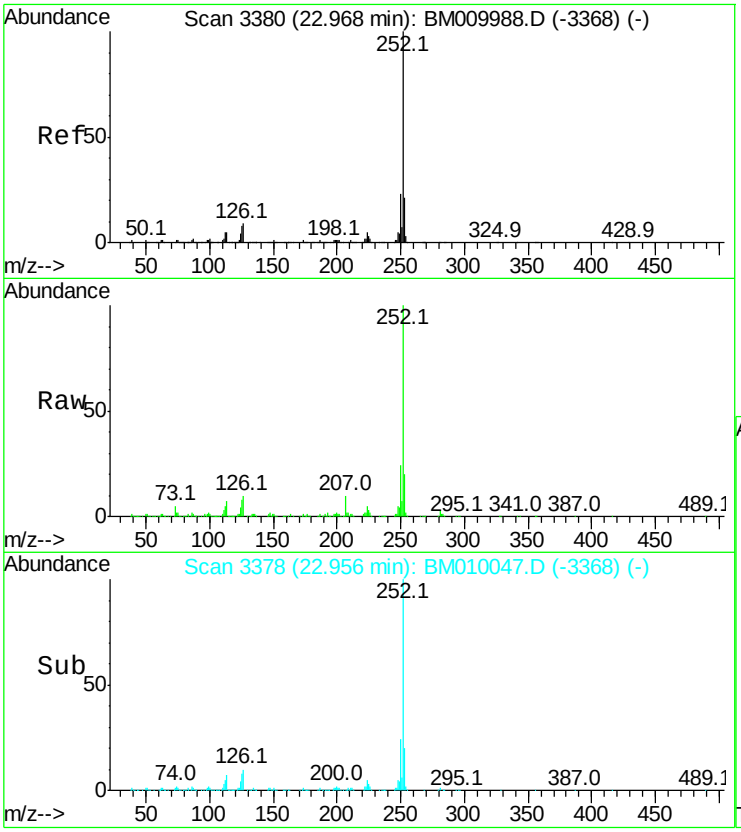




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.65 min Scan# 3496
Delta R.T. -0.04 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:264 Resp: 215829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.1 | 18.6 | 27.8 |
| 265 | 20.5 | 17.3 | 25.9 |



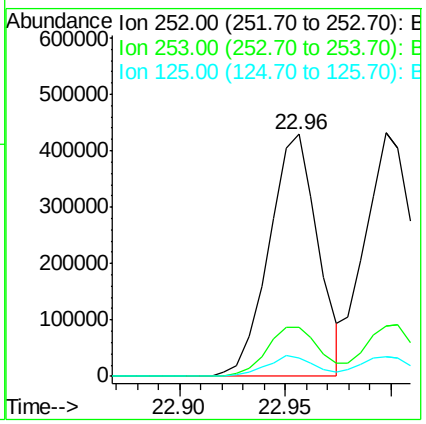


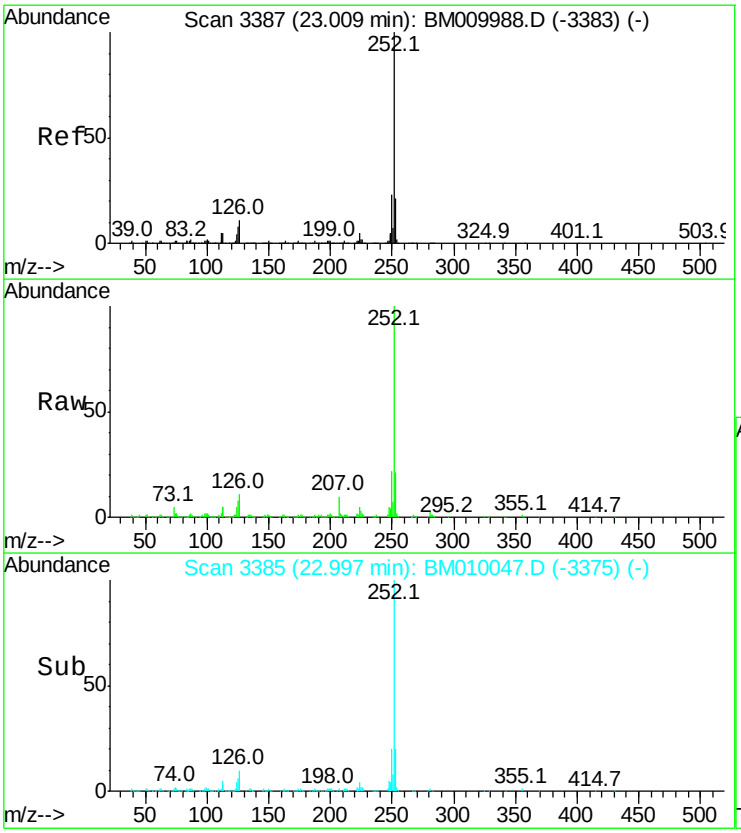

#87
Benzo(b)fluoranthene
Concen: 47.36 ng
RT: 22.96 min Scan# 3378
Delta R.T. -0.04 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:252 Resp: 692144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 20.1 | 18.0 | 27.0 |
| 125 | 7.6 | 9.9 | 14.9# |

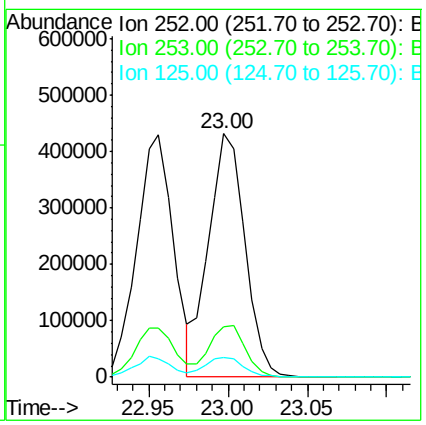


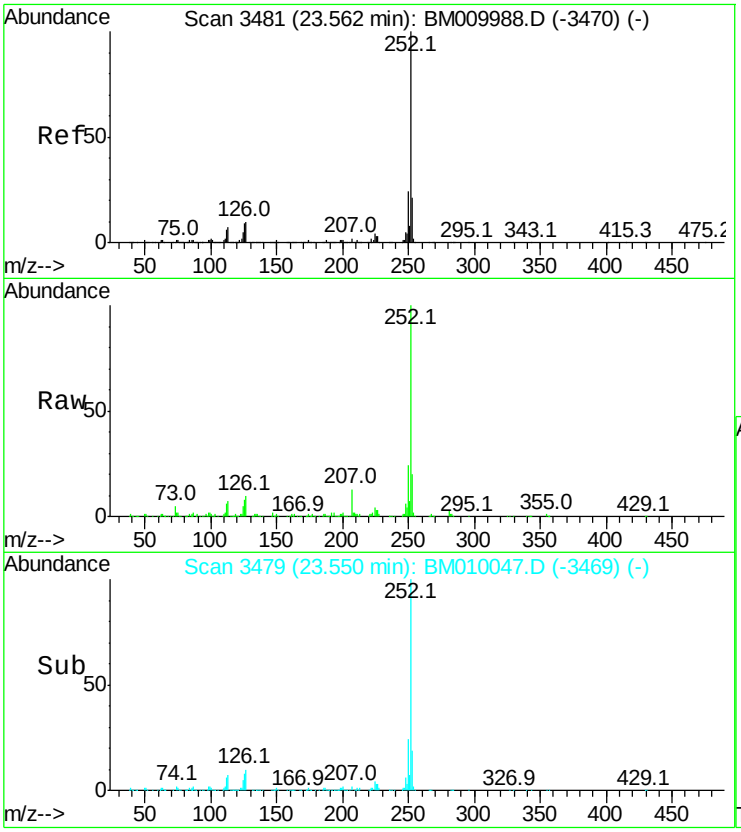




#88
Benzo(k)fluoranthene
Concen: 49.55 ng
RT: 23.00 min Scan# 3385
Delta R.T. -0.04 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:252 Resp: 688128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 20.9 | 17.2 | 25.8 |
| 125 | 7.8 | 8.1 | 12.1# |



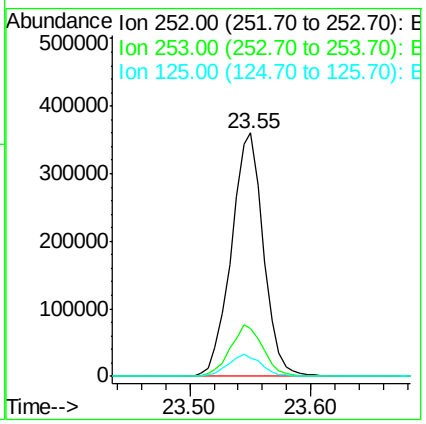


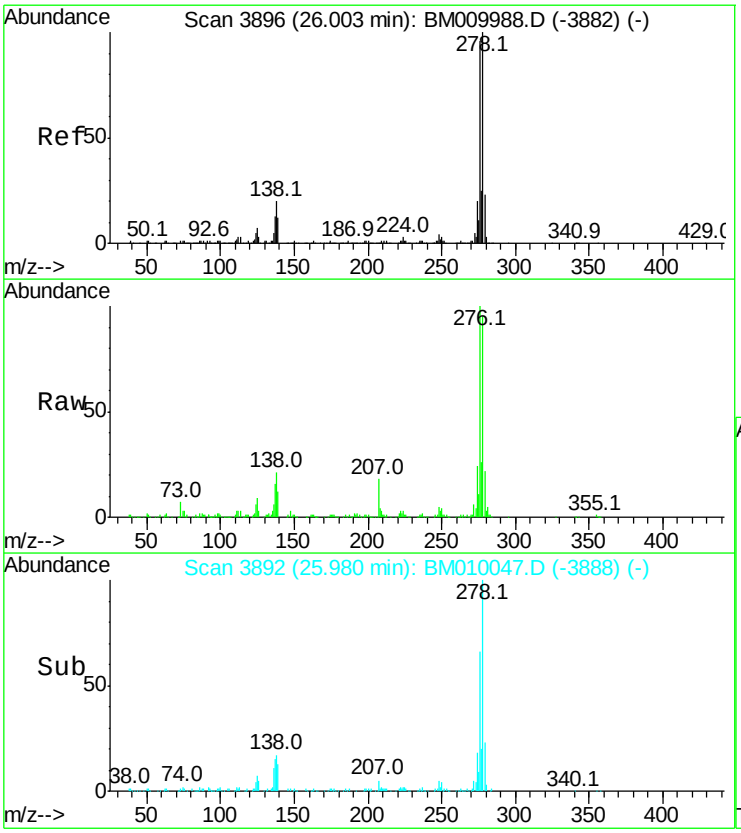

#89
Benzo(a)pyrene
Concen: 51.85 ng
RT: 23.55 min Scan# 3479
Delta R.T. -0.04 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:252 Resp: 668147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 19.7 | 17.6 | 26.4 |
| 125 | 7.8 | 7.4 | 11.2 |

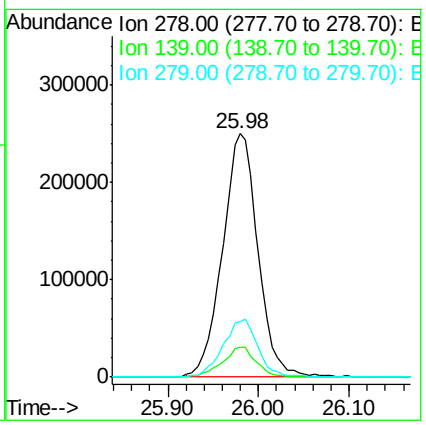


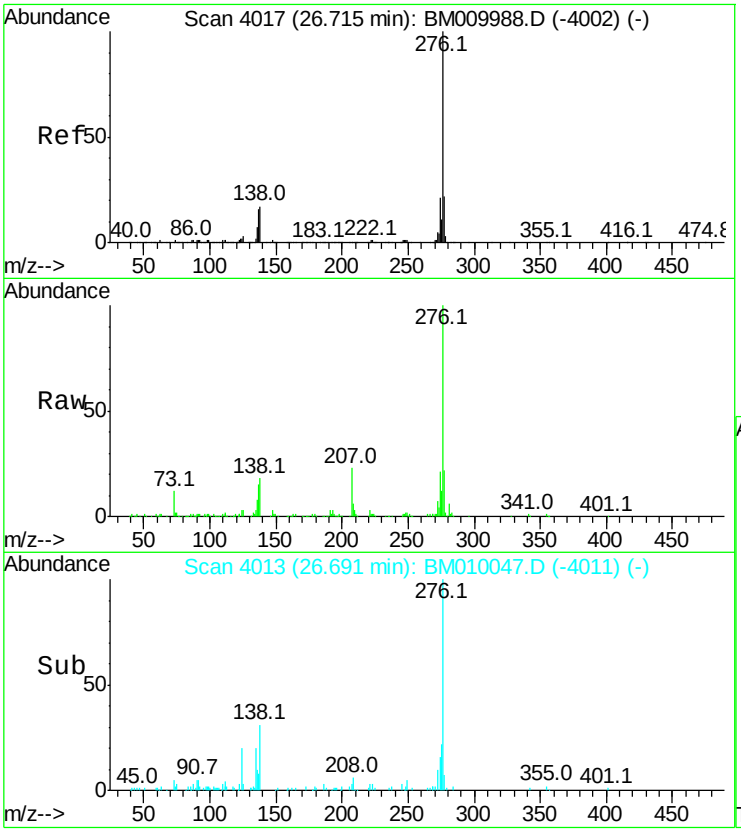




#90
Dibenzo(a,h)anthracene
Concen: 58.63 ng
RT: 25.98 min Scan# 3892
Delta R.T. -0.08 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:278 Resp: 666742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 12.5 | 13.4 | 20.0# |
| 279 | 22.7 | 19.0 | 28.4 |






#91
Benzo(g,h,i)perylene
Concen: 56.55 ng
RT: 26.69 min Scan# 4013
Delta R.T. -0.09 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

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

Tgt Ion:276 Resp: 592624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 22.1 | 18.5 | 27.7 |
| 138 | 18.1 | 19.0 | 28.6# |