Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP083019\
Data File : BP000018.D
Acq On : 30 Aug 2019 22:49
Operator : HP/JU
Sample : MDL-S--02
Misc : 4PPM
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Aug 31 01:06:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.90 | 152 | 1250018 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.18 | 136 | 4551990 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.95 | 164 | 2492620 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.45 | 188 | 4221974 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.12 | 240 | 3455453 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.65 | 264 | 3929176 | 20.00 | ng | | 0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.52 | 112 | 7023509 | 89.60 | ng | | 0.01 |
| 7) Phenol-d6 | 6.53 | 99 | 8571197 | 86.61 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 7.46 | 82 | 5171725 | 69.71 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.75 | 330 | 2303385 | 109.63 | ng | | 0.01 |
| 45) 2-Fluorobiphenyl | 9.27 | 172 | 7801156 | 52.27 | ng | | 0.01 |
| 79) Terphenyl-d14 | 13.06 | 244 | 8625856 | 54.41 | ng | | 0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.68 | 88 | 148209 | 4.110 | ng | | 100 |
| 3) Pyridine | 3.53 | 79 | 342785 | 3.529 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.38 | 42 | 117127 | 3.734 | ng | # | 99 |
| 6) Aniline | 6.56 | 93 | 581440 | 4.060 | ng | | 100 |
| 8) 2-Chlorophenol | 6.69 | 128 | 338169 | 4.172 | ng | | 98 |
| 9) Benzaldehyde | 6.45 | 77 | 327536 | 5.367 | ng | | 99 |
| 10) Phenol | 6.54 | 94 | 415201 | 3.776 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 6.63 | 93 | 360997 | 4.156 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.84 | 146 | 389873 | 4.124 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 6.92 | 146 | 393831 | 4.183 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.07 | 146 | 355234 | 4.107 | ng | | 99 |
| 15) Benzyl Alcohol | 7.03 | 79 | 285041 | 3.929 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.17 | 45 | 371999 | 3.983 | ng | | 99 |
| 17) 2-Methylphenol | 7.13 | 107 | 292830 | 4.207 | ng | | 99 |
| 18) Hexachloroethane | 7.42 | 117 | 138951 | 3.979 | ng | | 99 |
| 19) n-Nitroso-di-n-propylamine | 7.30 | 70 | 241239 | 4.283 | ng | | 94 |
| 20) 3+4-Methylphenols | 7.29 | 107 | 381144 | 4.390 | ng | | 93 |
| 22) Acetophenone | 7.30 | 105 | 548479 | 5.031 | ng | | 98 |
| 24) Nitrobenzene | 7.47 | 77 | 376987 | 4.691 | ng | | 94 |
| 25) Isophorone | 7.71 | 82 | 679706 | 4.336 | ng | | 98 |
| 26) 2-Nitrophenol | 7.79 | 139 | 126012 | 4.026 | ng | | 91 |
| 27) 2,4-Dimethylphenol | 7.82 | 122 | 312125 | 4.942 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 7.92 | 93 | 446180 | 4.377 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 8.03 | 162 | 292596 | 4.506 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.12 | 180 | 324259 | 4.380 | ng | | 99 |
| 31) Naphthalene | 8.20 | 128 | 1033625 | 4.949 | ng | | 99 |
| 32) Benzoic acid | 7.87 | 122 | 100647 | 10.042 | ng | | 98 |
| 33) 4-Chloroaniline | 8.24 | 127 | 433766 | 4.404 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.33 | 225 | 179468 | 4.302 | ng | | 99 |
| 35) Caprolactam | 8.57 | 113 | 89947 | 3.895 | ng | | 100 |
| 36) 4-Chloro-3-methylphenol | 8.72 | 107 | 308142 | 4.349 | ng | | 93 |
| 37) 2-Methylnaphthalene | 8.89 | 142 | 715505 | 4.902 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.99 | 142 | 665097 | 4.836 | ng | | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216 | 339008 | 4.805 | ng | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP083019\
Data File : BP000018.D
Acq On : 30 Aug 2019 22:49
Operator : HP/JU
Sample : MDL-S--02
Misc : 4PPM
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Aug 31 01:06:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 9.06 | 237 | 177758 | 4.576 ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.17 | 196 | 196656 | 4.042 ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 9.20 | 196 | 218693 | 4.296 ng | | 98 |
| 46) 1,1'-Biphenyl | 9.36 | 154 | 880207 | 5.002 ng | | 99 |
| 47) 2-Chloronaphthalene | 9.39 | 162 | 642950 | 4.402 ng | | 98 |
| 48) 2-Nitroaniline | 9.47 | 65 | 135791 | 3.442 ng | | 96 |
| 49) Acenaphthylene | 9.80 | 152 | 1037467 | 4.787 ng | | 97 |
| 50) Dimethylphthalate | 9.66 | 163 | 724027 | 4.263 ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.71 | 165 | 145225 | 4.028 ng | # | 84 |
| 52) Acenaphthene | 9.97 | 154 | 610124 | 4.486 ng | | 100 |
| 53) 3-Nitroaniline | 9.88 | 138 | 159276 | 3.698 ng | | 96 |
| 54) 2,4-Dinitrophenol | 9.98 | 184 | 33210 | 10.840 ng | # | 1 |
| 55) Dibenzofuran | 10.15 | 168 | 925410 | 4.792 ng | | 98 |
| 56) 4-Nitrophenol | 10.03 | 139 | 114714 | 3.726 ng | | 89 |
| 57) 2,4-Dinitrotoluene | 10.12 | 165 | 169910 | 3.691 ng | | 93 |
| 58) Fluorene | 10.49 | 166 | 717906 | 4.939 ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.26 | 232 | 160743 | 4.170 ng | | 99 |
| 60) Diethylphthalate | 10.37 | 149 | 724179 | 4.259 ng | | 98 |
| 61) 4-Chlorophenyl-phenylether | 10.49 | 204 | 347339 | 4.598 ng | | 96 |
| 62) 4-Nitroaniline | 10.49 | 138 | 166461 | 4.052 ng | | 98 |
| 63) Azobenzene | 10.65 | 77 | 735459 | 4.517 ng | | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 10.53 | 198 | 54538 | 10.541 ng | | 93 |
| 66) n-Nitrosodiphenylamine | 10.60 | 169 | 630019 | 5.023 ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 10.98 | 248 | 186923 | 4.356 ng | | 94 |
| 68) Hexachlorobenzene | 11.05 | 284 | 199199 | 4.261 ng | # | 92 |
| 69) Atrazine | 11.13 | 200 | 168118 | Below Cal | | 98 |
| 70) Pentachlorophenol | 11.24 | 266 | 100937 | 3.985 ng | | 99 |
| 71) Phenanthrene | 11.47 | 178 | 1032836 | 4.908 ng | | 96 |
| 72) Anthracene | 11.52 | 178 | 1045303 | 5.029 ng | | 98 |
| 73) Carbazole | 11.67 | 167 | 987593 | 5.033 ng | | 96 |
| 74) Di-n-butylphthalate | 12.01 | 149 | 1076932 | 4.526 ng | | 99 |
| 75) Fluoranthene | 12.67 | 202 | 1138348 | 4.978 ng | | 94 |
| 77) Benzidine | 12.79 | 184 | 534916 | 4.487 ng | | 98 |
| 78) Pyrene | 12.90 | 202 | 1187413 | 4.671 ng | | 96 |
| 80) Butylbenzylphthalate | 13.53 | 149 | 358247 | 3.163 ng | | 99 |
| 81) Benzo(a)anthracene | 14.10 | 228 | 969490 | 4.330 ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 14.06 | 252 | 342292 | 4.144 ng | | 99 |
| 83) Chrysene | 14.14 | 228 | 941168 | 4.444 ng | | 97 |
| 84) Bis(2-ethylhexyl)phthalate | 14.10 | 149 | 556664 | 3.777 ng | | 99 |
| 85) Di-n-octyl phthalate | 14.73 | 149 | 882433 | 3.397 ng | | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 17.19 | 276 | 980288 | 3.694 ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.22 | 252 | 931350 | 3.881 ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.22 | 252 | 931350 | 4.241 ng | | 99 |
| 90) Benzo(a)pyrene | 15.57 | 252 | 880433 | 4.064 ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.21 | 278 | 824001 | 3.803 ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.65 | 276 | 814836 | 3.800 ng | | 99 |

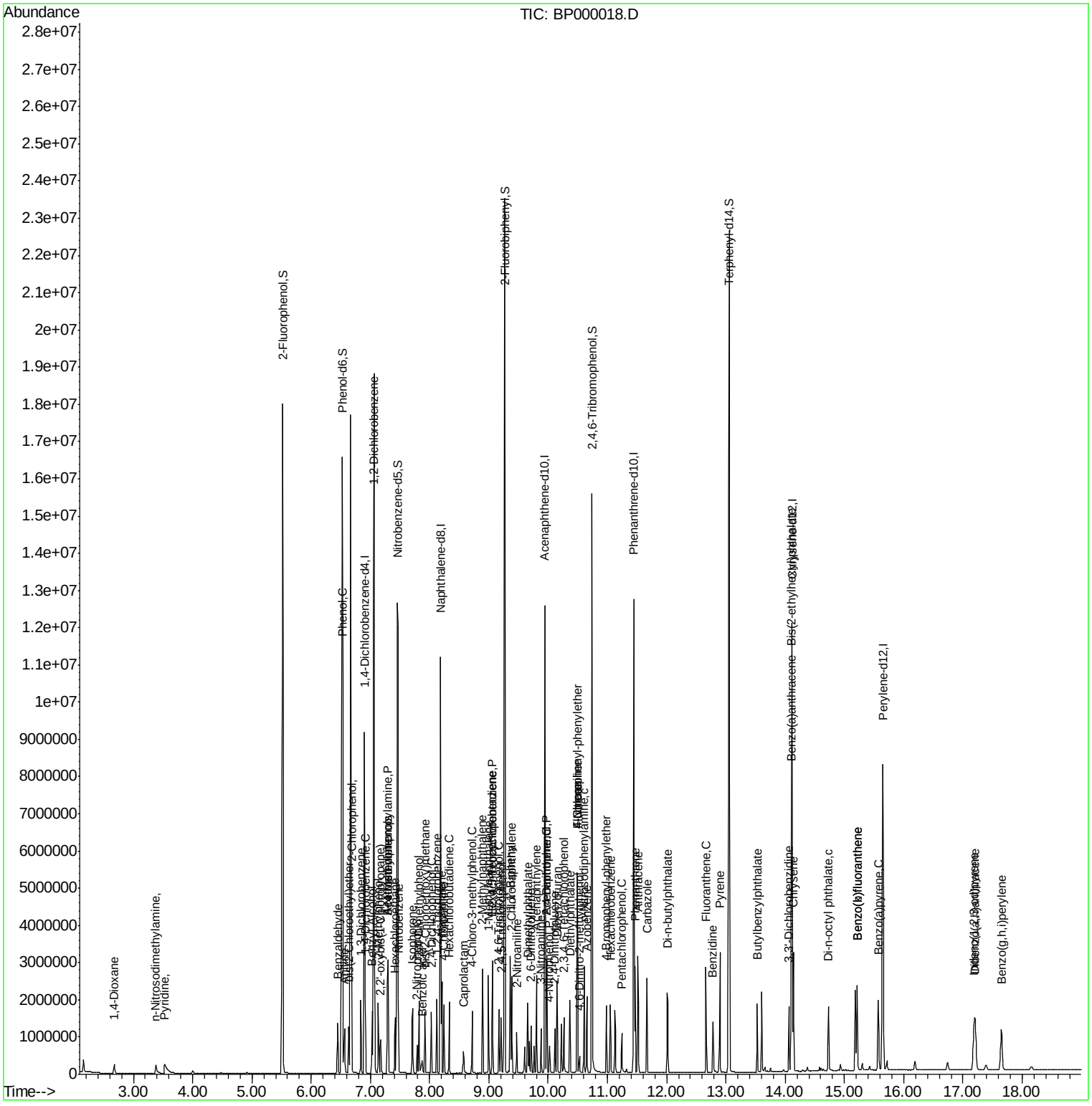
(#) = qualifier out of range (m) = manual integration (+) = signals summed

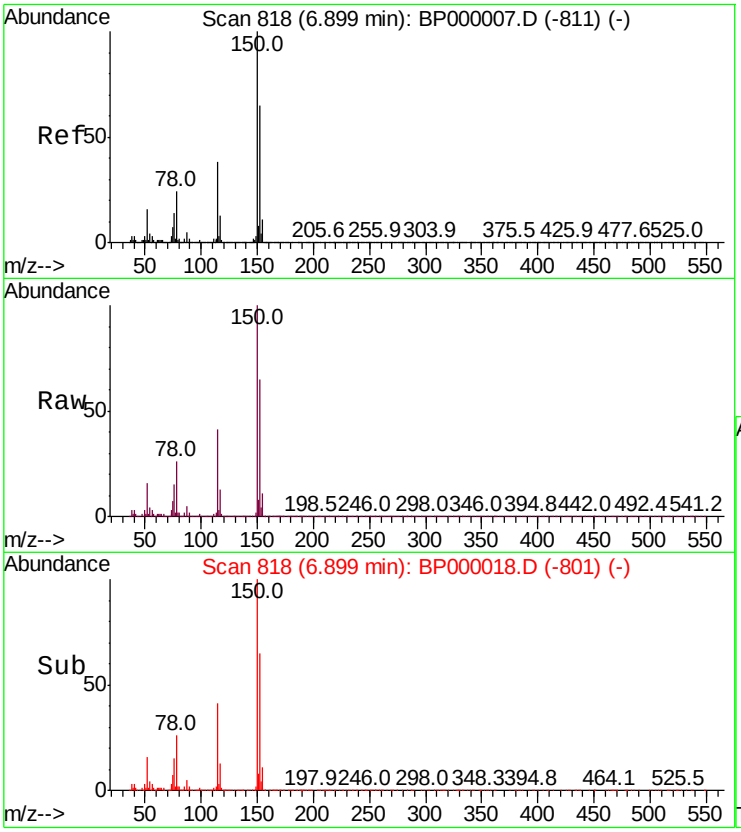
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP083019\
Data File : BP000018.D
Acq On : 30 Aug 2019 22:49
Operator : HP/JU
Sample : MDL-S--02
Misc : 4PPM
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Aug 31 01:06:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
Response via : Initial Calibration



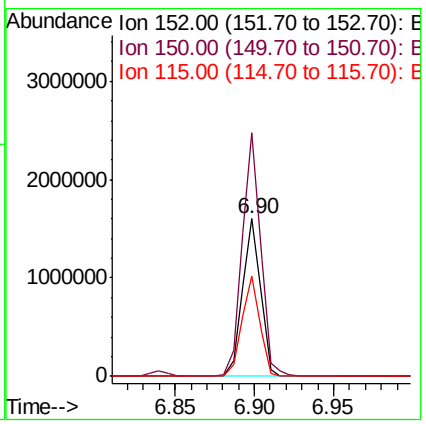


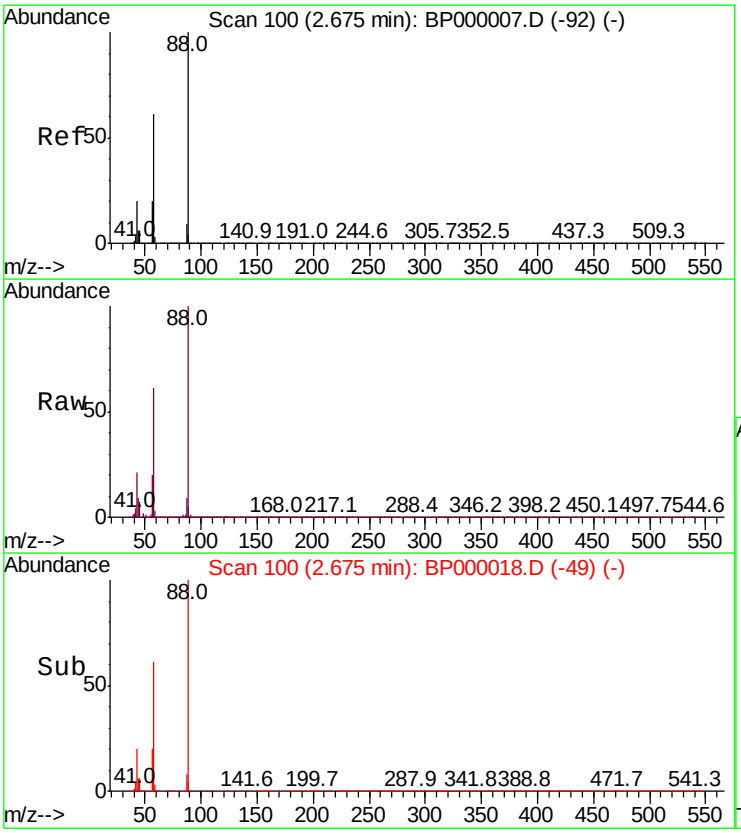

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:152 Resp: 1250018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.3 | 123.0 | 184.6 |
| 115 | 63.5 | 46.7 | 70.1 |

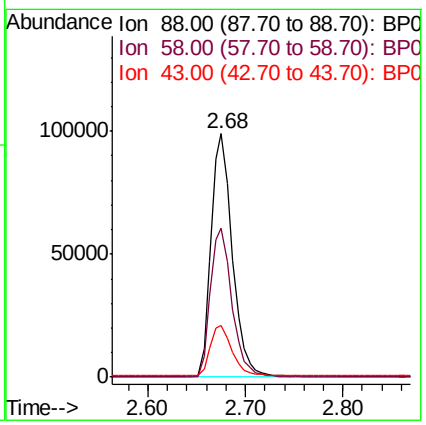


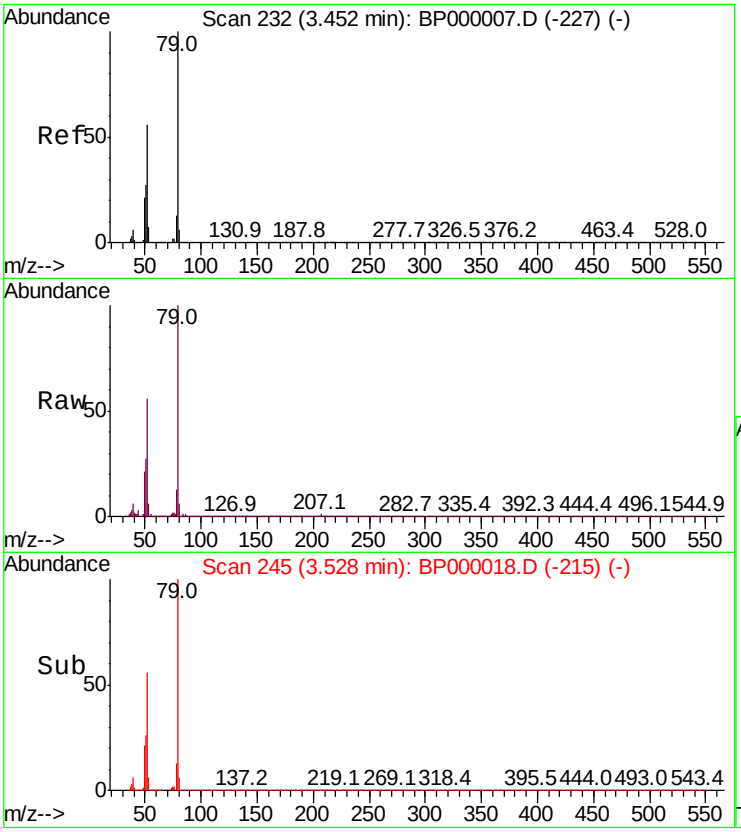




#2
1,4-Dioxane
Concen: 4.110 ng
RT: 2.68 min Scan# 100
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion: 88 Resp: 148209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 62.1 | 49.8 | 74.8 |
| 43 | 21.2 | 16.9 | 25.3 |



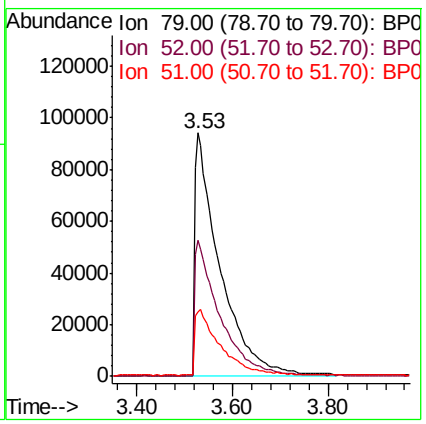


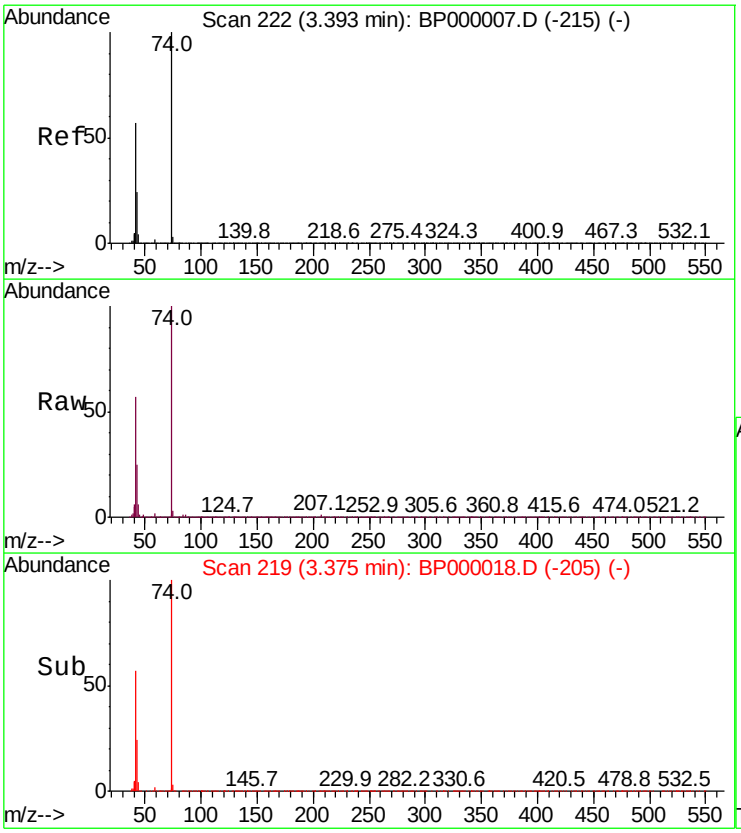

#3
Pyridine
Concen: 3.529 ng
RT: 3.53 min Scan# 245
Delta R.T. 0.08 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion: 79 Resp: 342785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 55.9 | 44.5 | 66.7 |
| 51 | 26.6 | 21.8 | 32.6 |

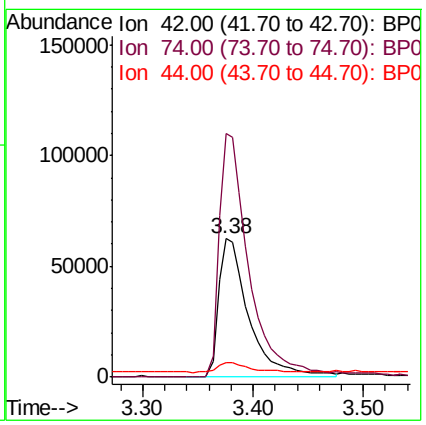


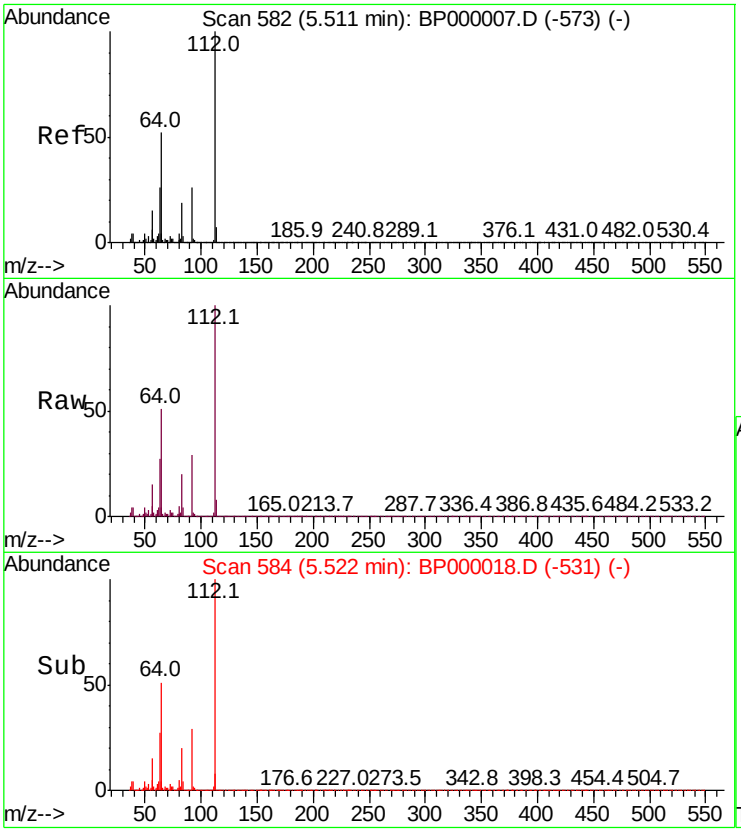




#4
n-Nitrosodimethylamine
Concen: 3.734 ng
RT: 3.38 min Scan# 219
Delta R.T. -0.02 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion: 42 Resp: 117127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 176.0 | 139.9 | 209.9 |
| 44 | 10.9 | 6.9 | 10.3# |



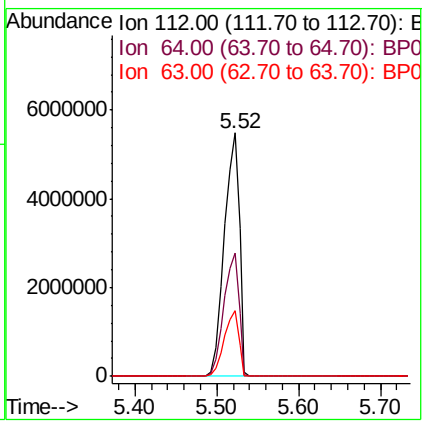


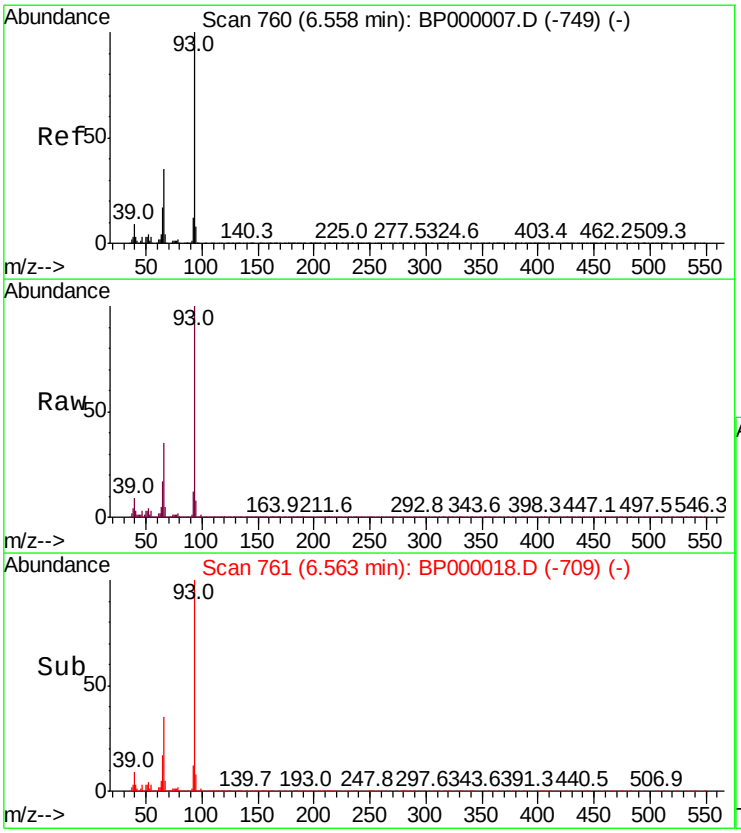

#5
2-Fluorophenol
Concen: 89.597 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:112 Resp: 7023509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.8 | 41.8 | 62.8 |
| 63 | 27.0 | 21.0 | 31.4 |

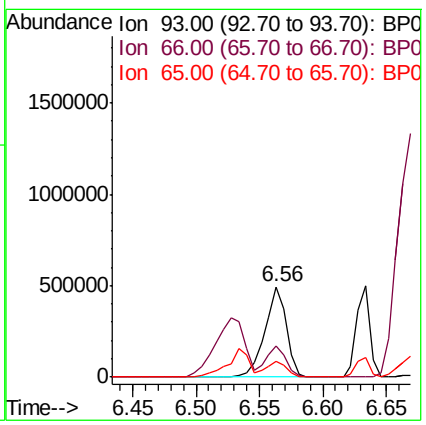


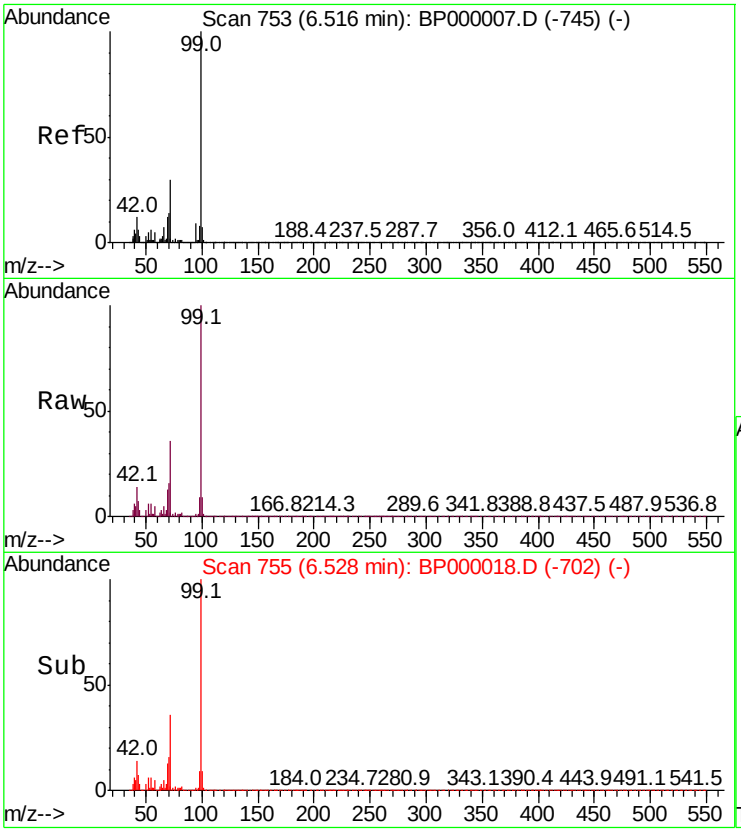




#6
Aniline
Concen: 4.060 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion: 93 Resp: 581440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 34.6 | 27.8 | 41.8 |
| 65 | 17.4 | 13.9 | 20.9 |



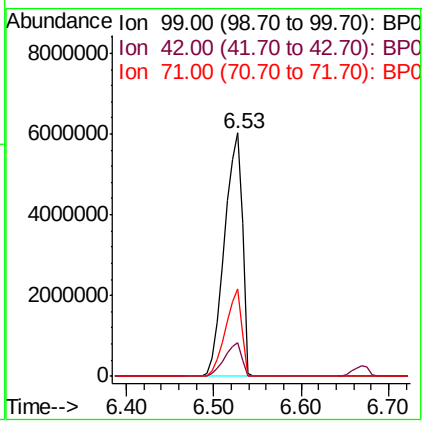


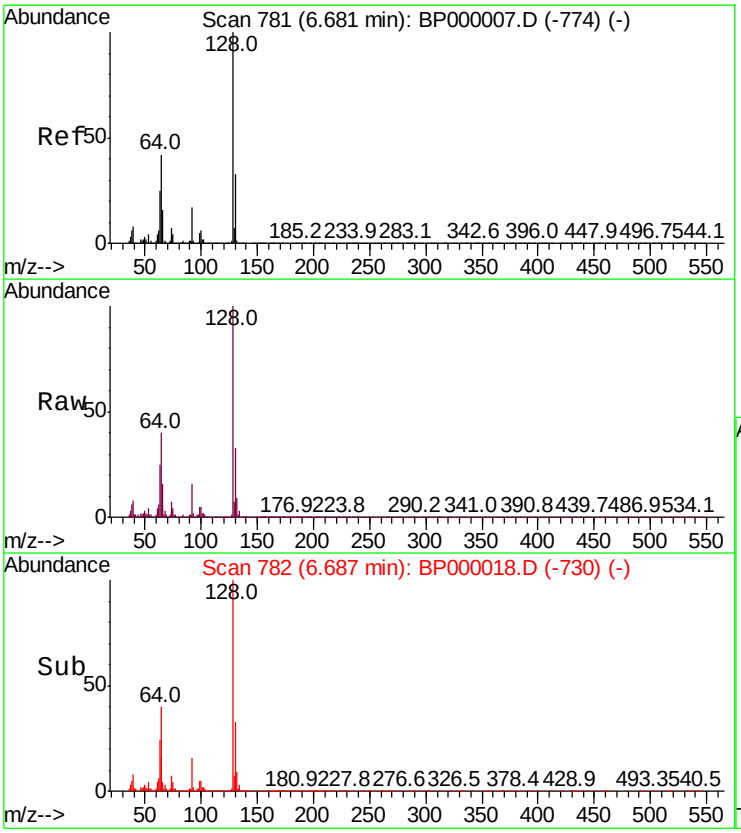

#7
Phenol-d6
Concen: 86.613 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion: 99 Resp: 8571197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 14.0 | 9.8 | 14.8 |
| 71 | 36.0 | 23.8 | 35.8# |

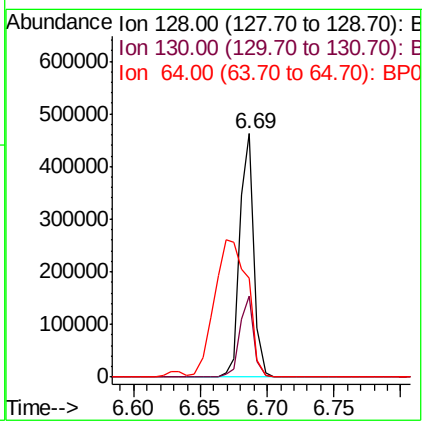


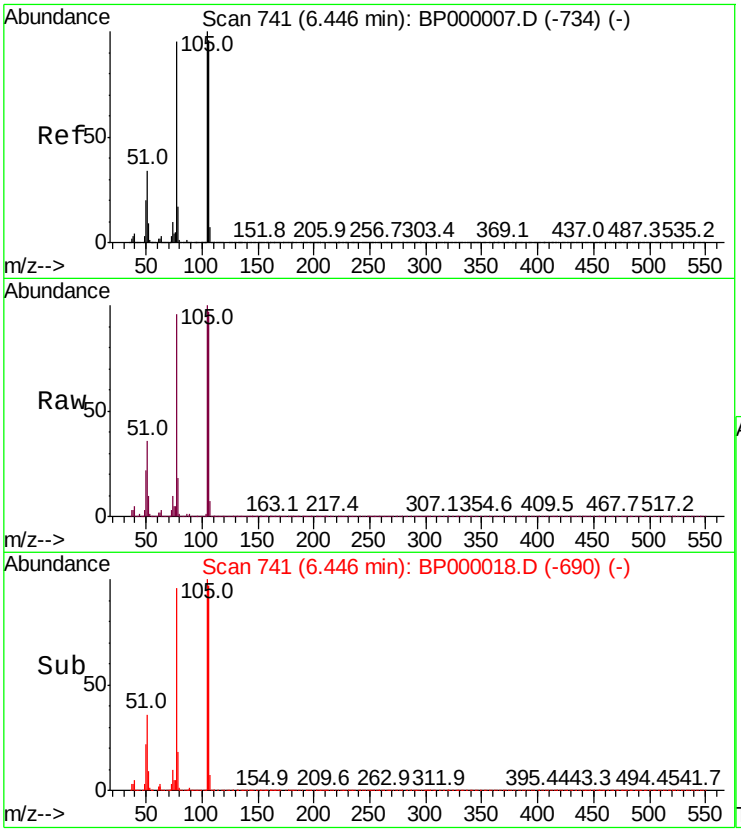




#8
2-Chlorophenol
Concen: 4.172 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:128 Resp: 338169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.5 | 13.0 | 53.0 |
| 64 | 40.5 | 22.0 | 62.0 |



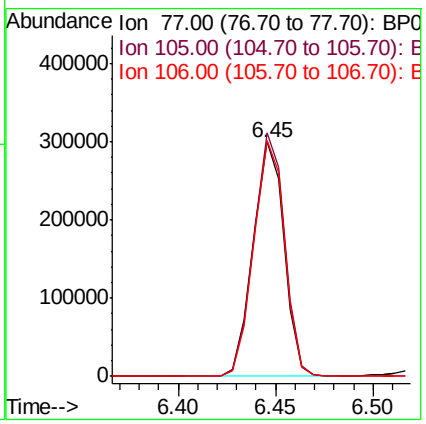


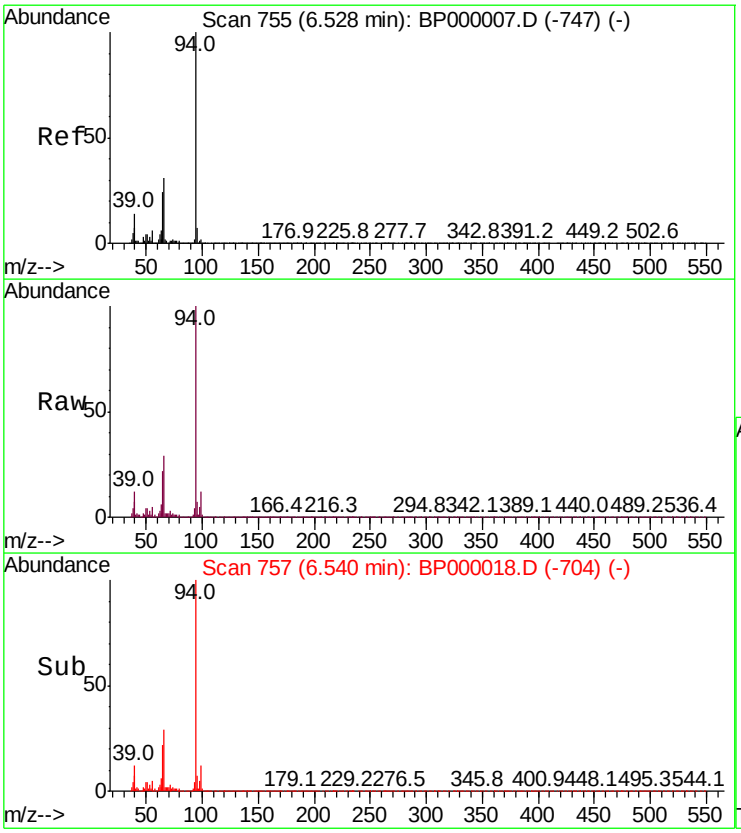

#9
Benzaldehyde
Concen: 5.367 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion: 77 Resp: 327536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 103.9 | 85.1 | 125.1 |
| 106 | 100.7 | 80.8 | 120.8 |

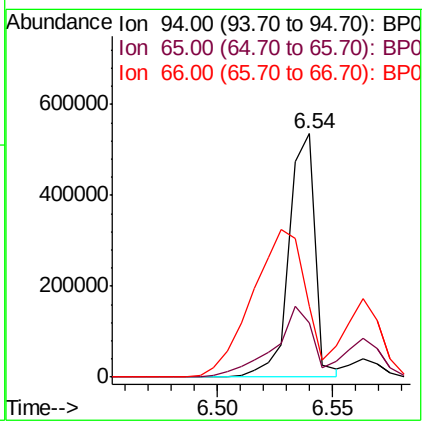


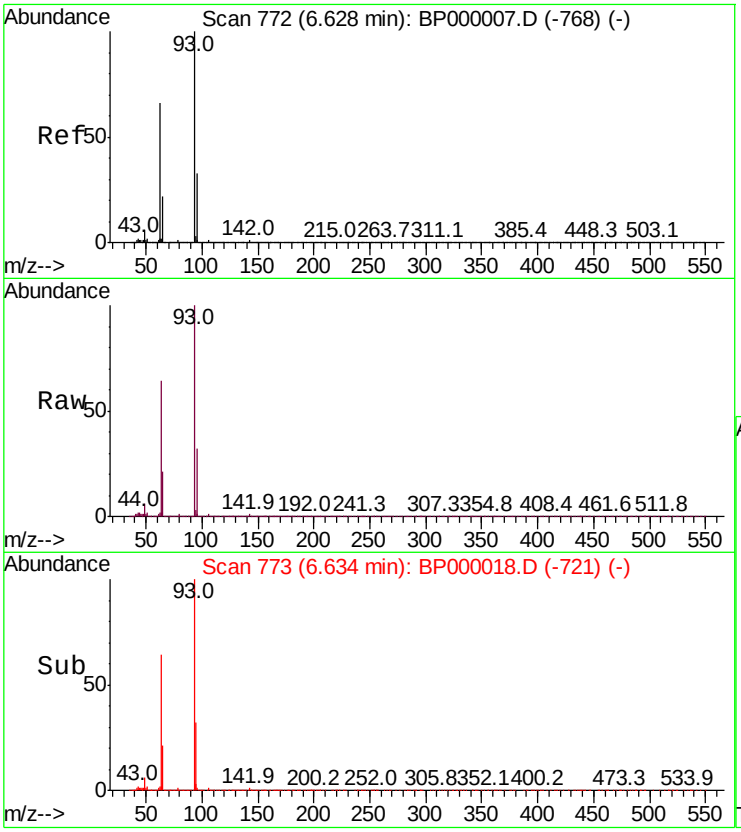




#10
Phenol
Concen: 3.776 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion: 94 Resp: 415201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 22.1 | 4.1 | 44.1 |
| 66 | 29.1 | 11.4 | 51.4 |



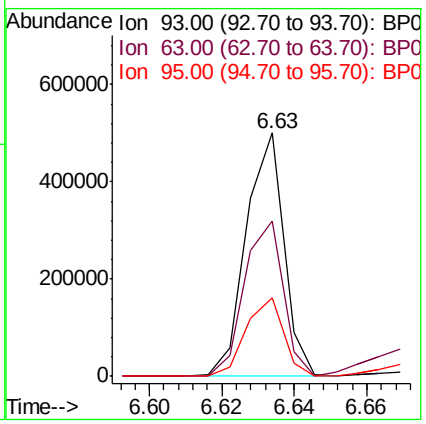


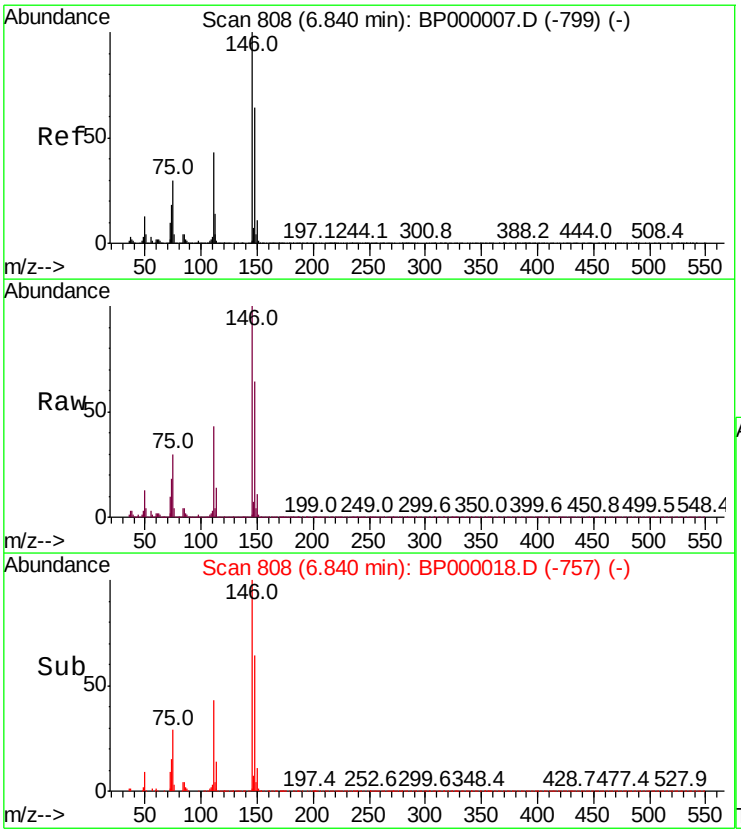

#11
bis(2-Chloroethyl)ether
Concen: 4.156 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion: 93 Resp: 360997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 63.7 | 46.0 | 86.0 |
| 95 | 32.3 | 12.7 | 52.7 |

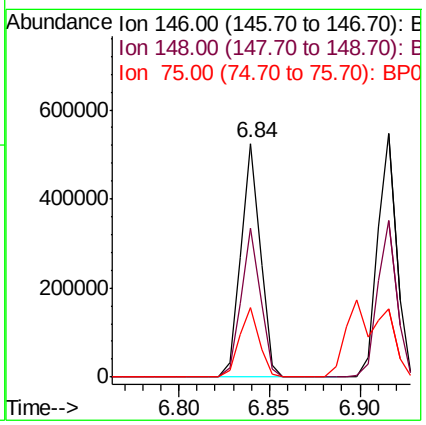


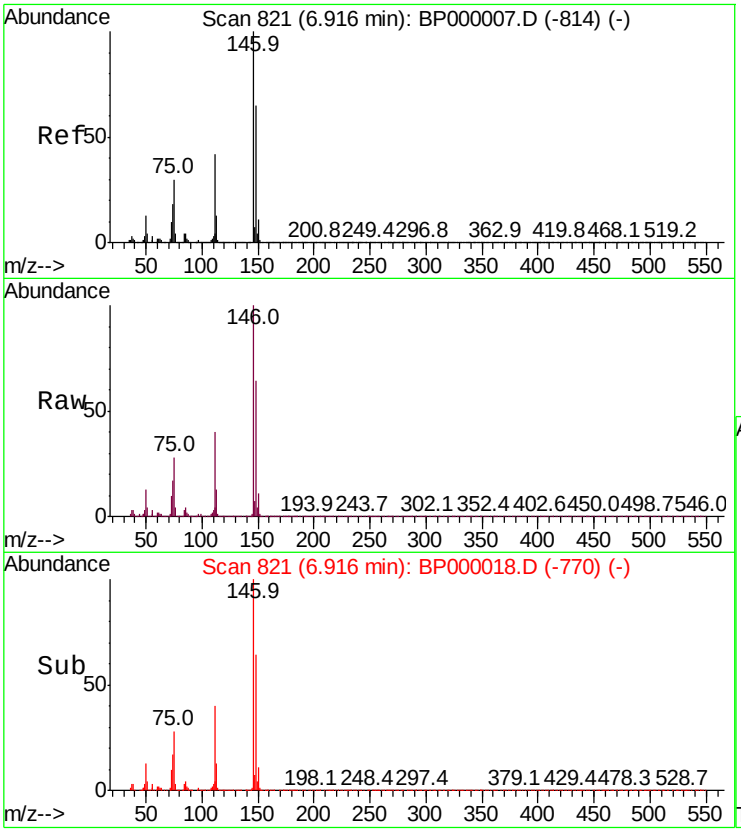




#12
1,3-Dichlorobenzene
Concen: 4.124 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:146 Resp: 389873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.9 | 51.4 | 77.2 |
| 75 | 30.0 | 24.0 | 36.0 |

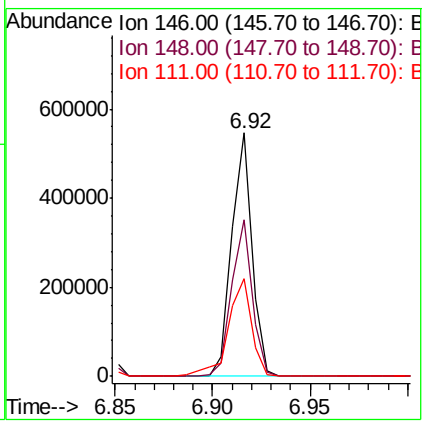




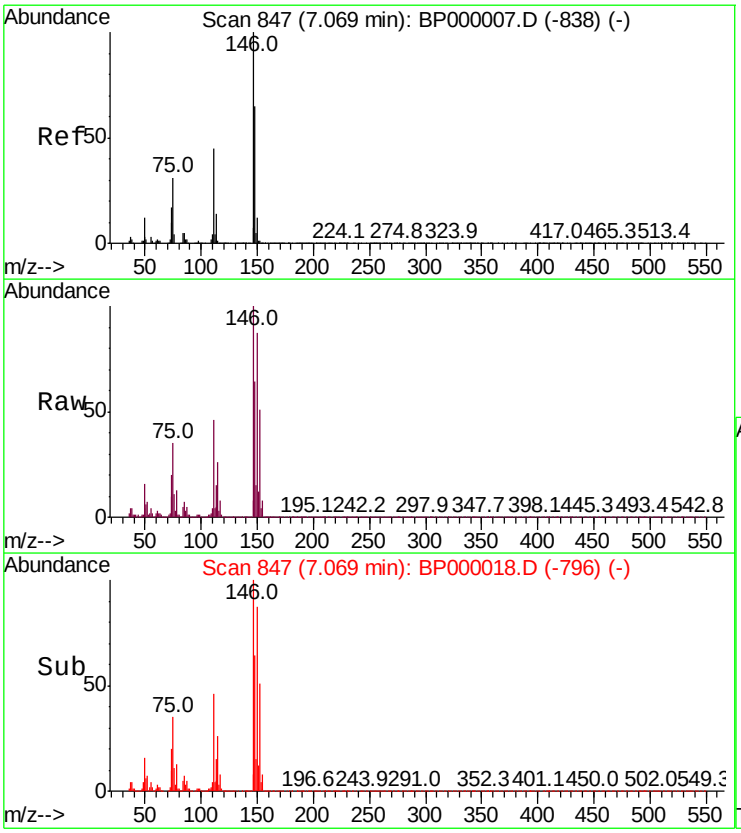

#13
1,4-Dichlorobenzene
Concen: 4.183 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:146 Resp: 393831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.3 | 51.6 | 77.4 |
| 111 | 39.9 | 33.4 | 50.0 |



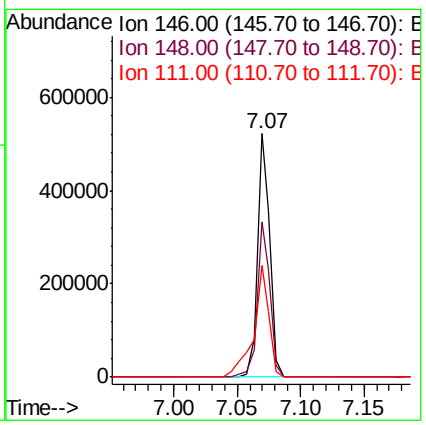

**Instrument :**
BNA_P
**ClientSampleId :**

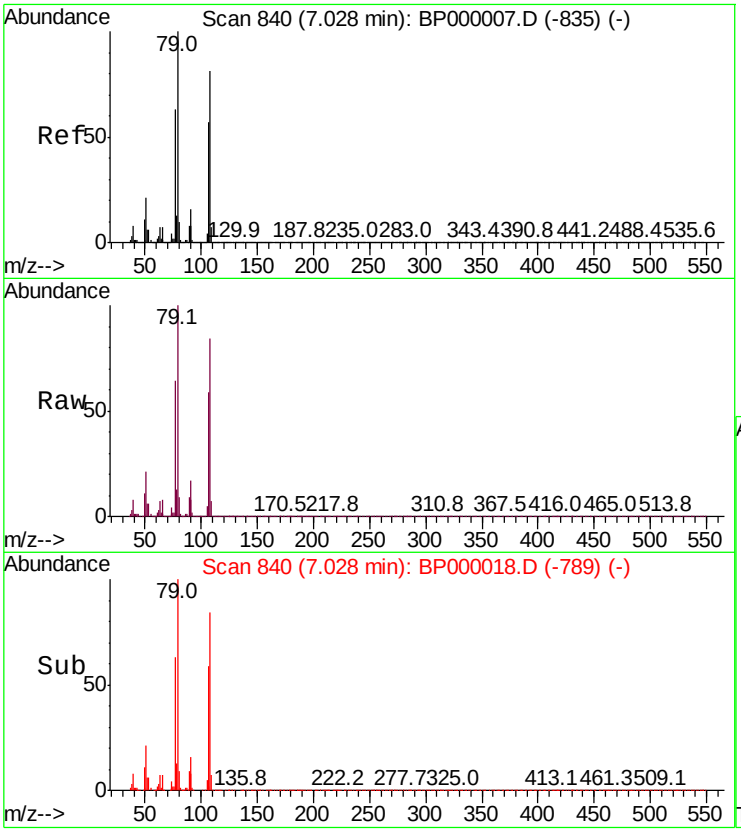



#14
1,2-Dichlorobenzene
Concen: 4.107 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:146 Resp: 355234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.7 | 51.8 | 77.8 |
| 111 | 45.8 | 36.4 | 54.6 |



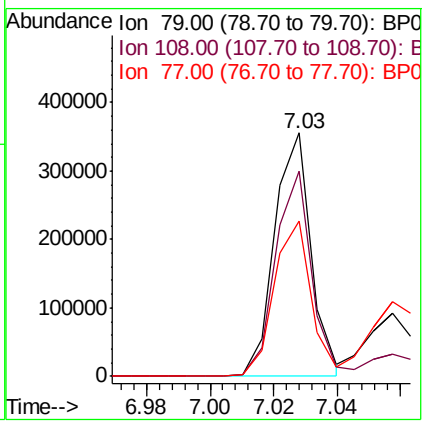


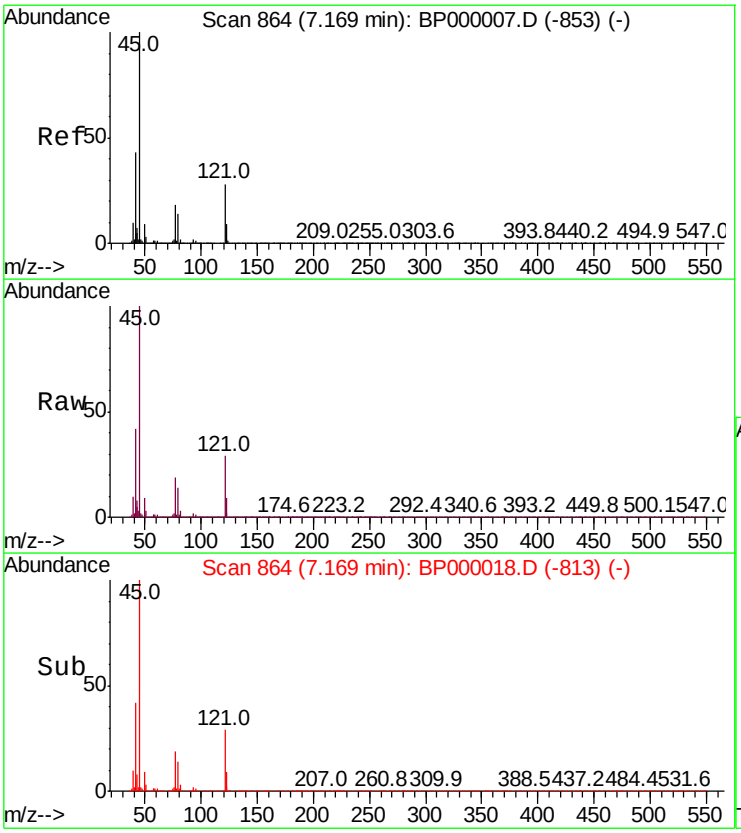

#15
Benzyl Alcohol
Concen: 3.929 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion: 79 Resp: 285041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 84.1 | 64.5 | 96.7 |
| 77 | 63.6 | 50.3 | 75.5 |

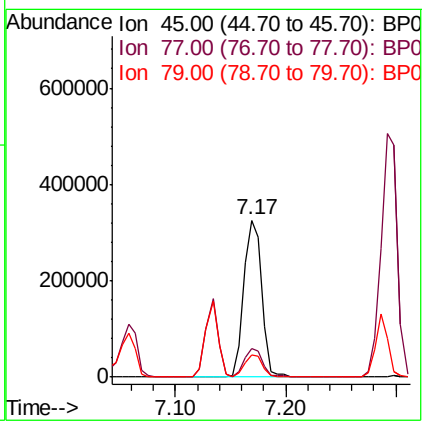


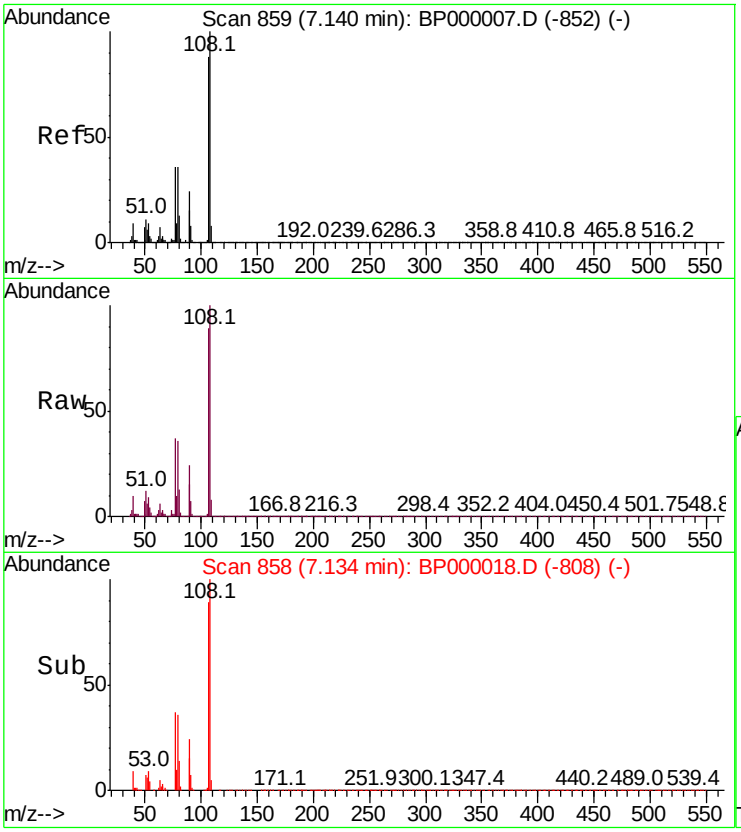




#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.983 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion: 45 Resp: 371999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 18.6 | 0.0 | 38.0 |
| 79 | 14.4 | 0.0 | 33.9 |



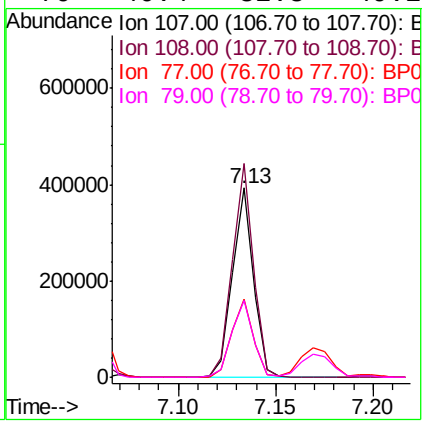


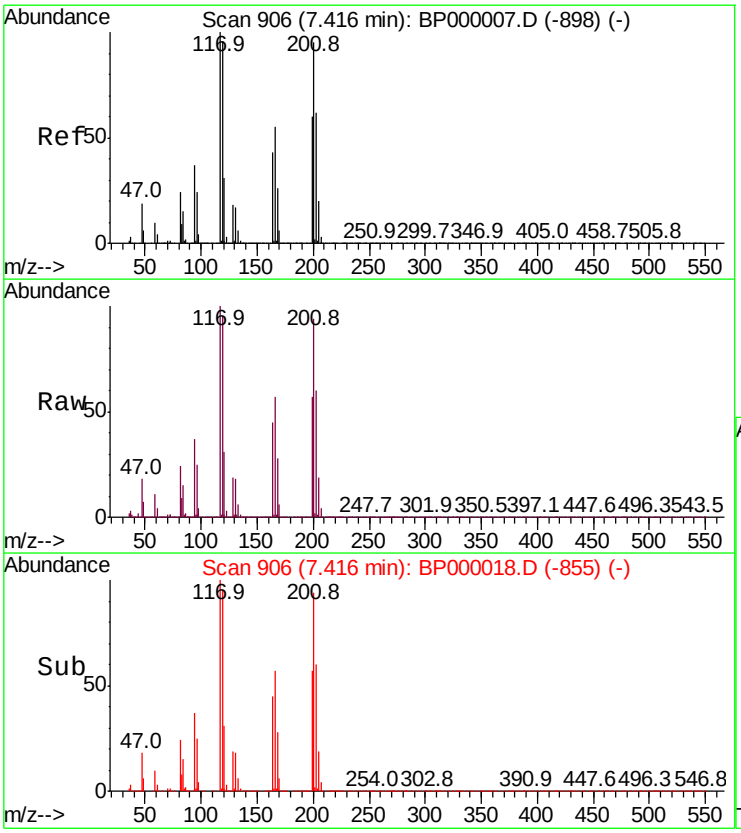

#17
2-Methylphenol
Concen: 4.207 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:107 Resp: 292830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.9 | 90.9 | 136.3 |
| 77 | 41.6 | 33.2 | 49.8 |
| 79 | 40.4 | 32.8 | 49.2 |

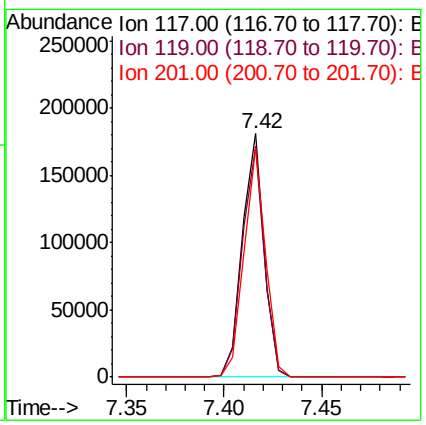


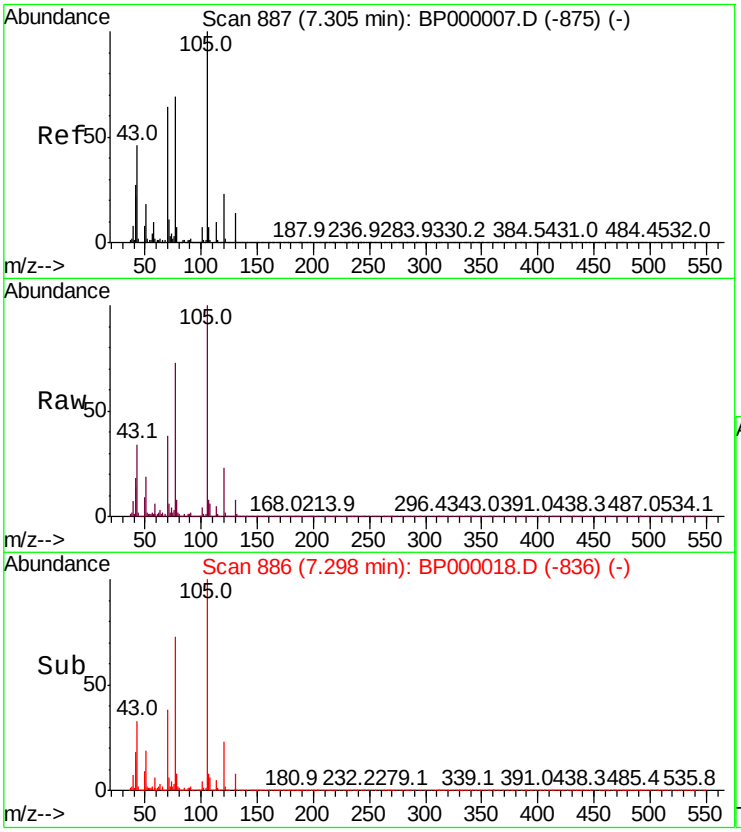




#18
Hexachloroethane
Concen: 3.979 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:117 Resp: 138951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.1 | 77.0 | 115.6 |
| 201 | 94.4 | 76.2 | 114.4 |



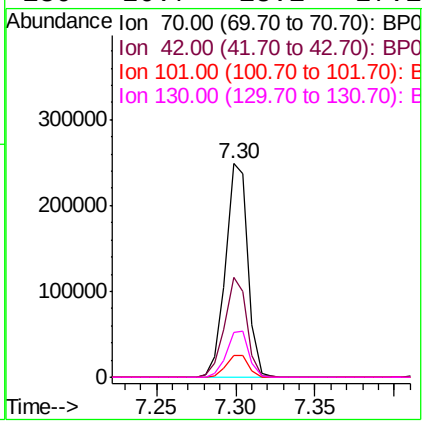


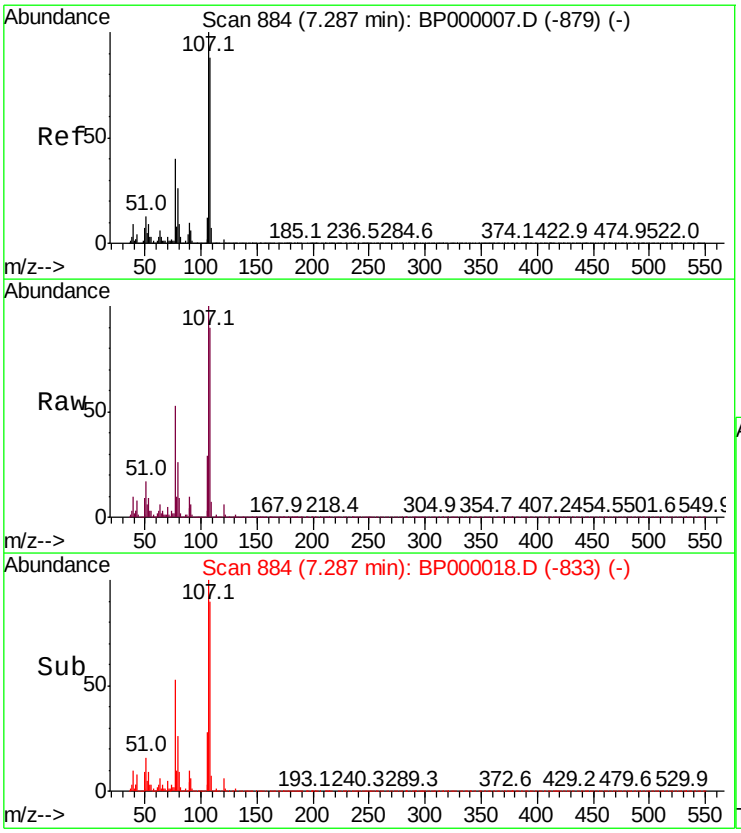

#19
n-Nitroso-di-n-propylamine
Concen: 4.283 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion: 70 Resp: 241239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 46.9 | 33.8 | 50.6 |
| 101 | 10.3 | 8.7 | 13.1 |
| 130 | 20.7 | 18.1 | 27.1 |

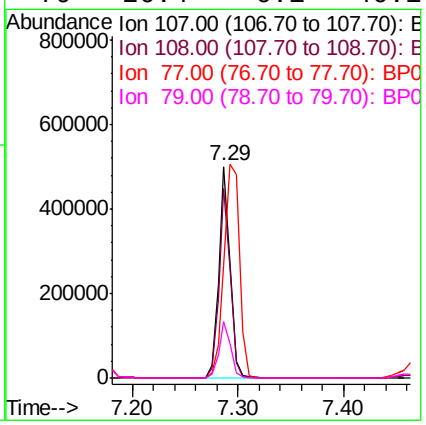


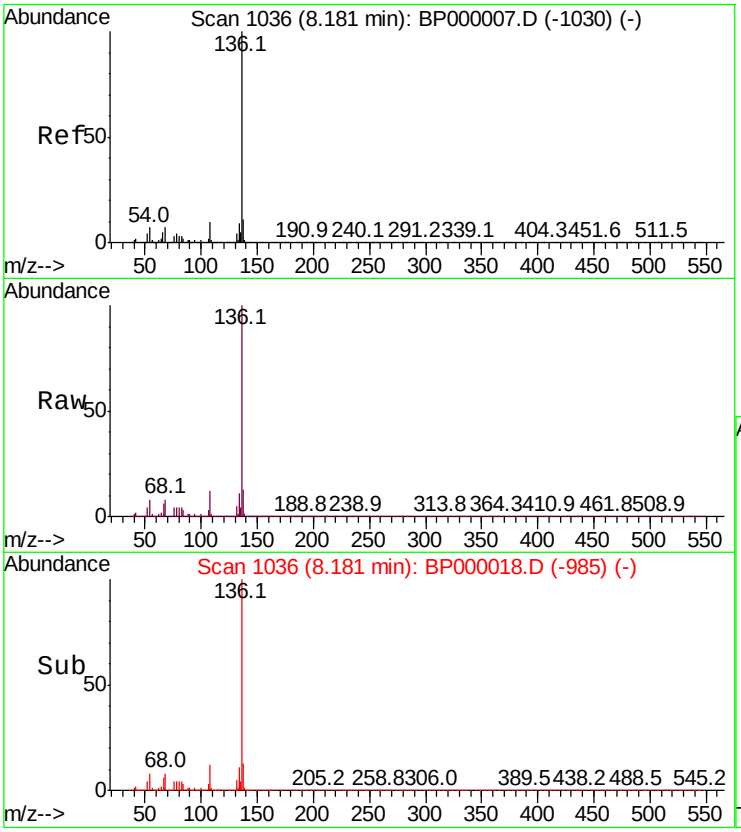




#20
3+4-Methylphenols
Concen: 4.390 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:107 Resp: 381144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 89.5 | 68.1 | 108.1 |
| 77 | 53.4 | 19.8 | 59.8 |
| 79 | 26.4 | 6.1 | 46.1 |



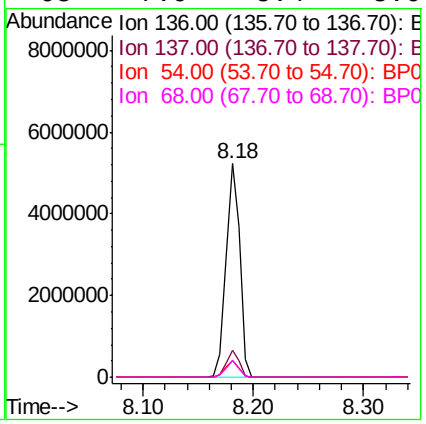


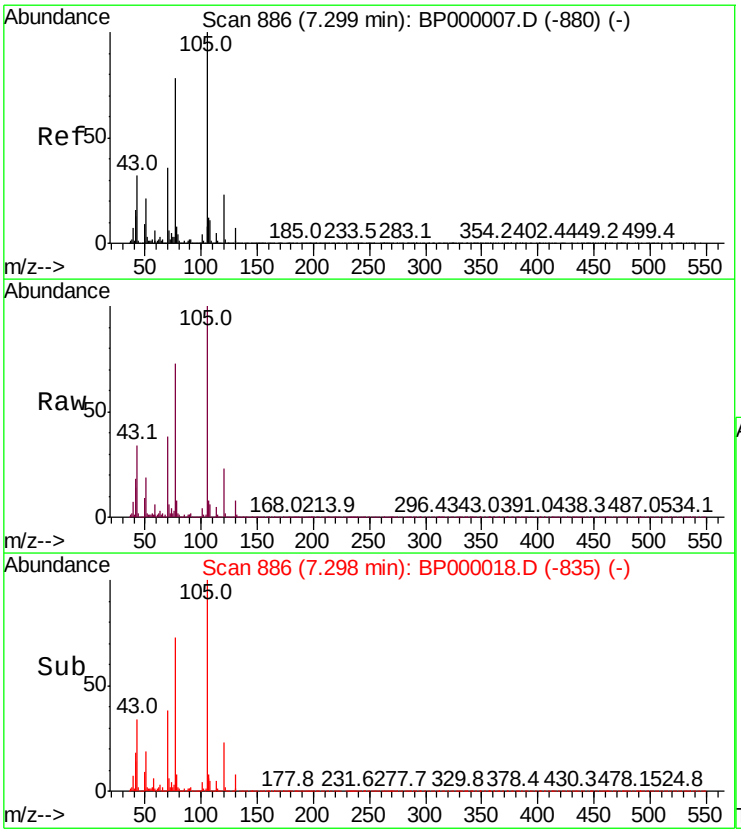

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:136 Resp: 4551990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.6 | 8.6 | 13.0 |
| 54 | 7.8 | 5.4 | 8.2 |
| 68 | 7.9 | 5.4 | 8.0 |

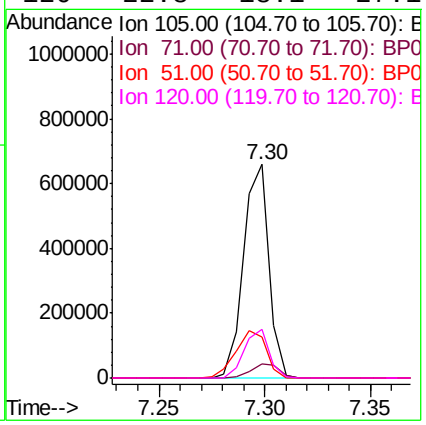


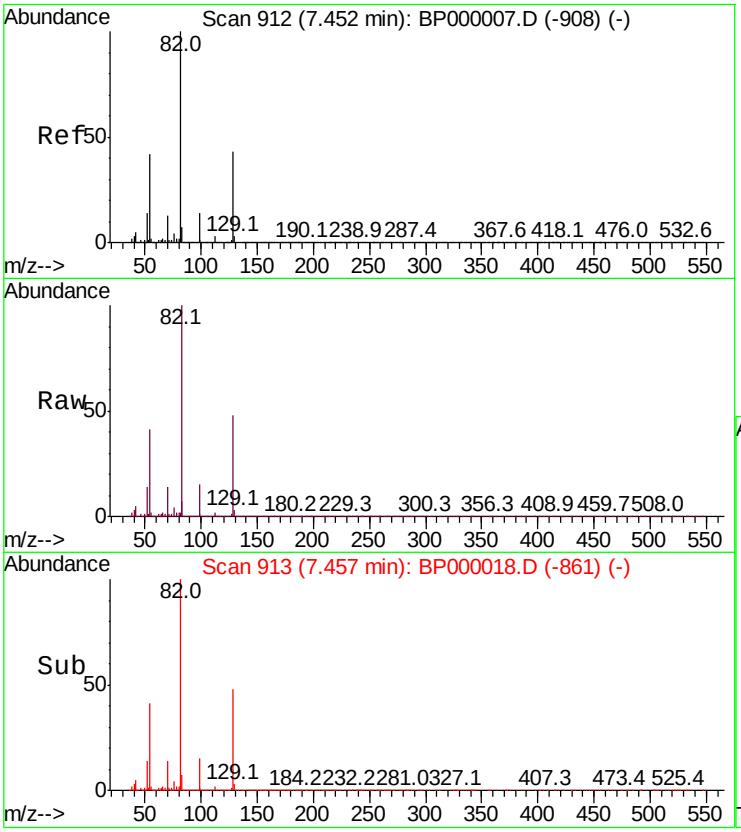




#22
Acetophenone
Concen: 5.031 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:105 Resp: 548479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 6.4 | 4.8 | 7.2 |
| 51 | 19.4 | 17.0 | 25.4 |
| 120 | 22.8 | 18.1 | 27.1 |



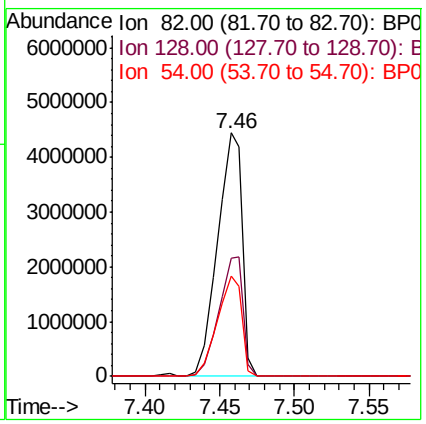


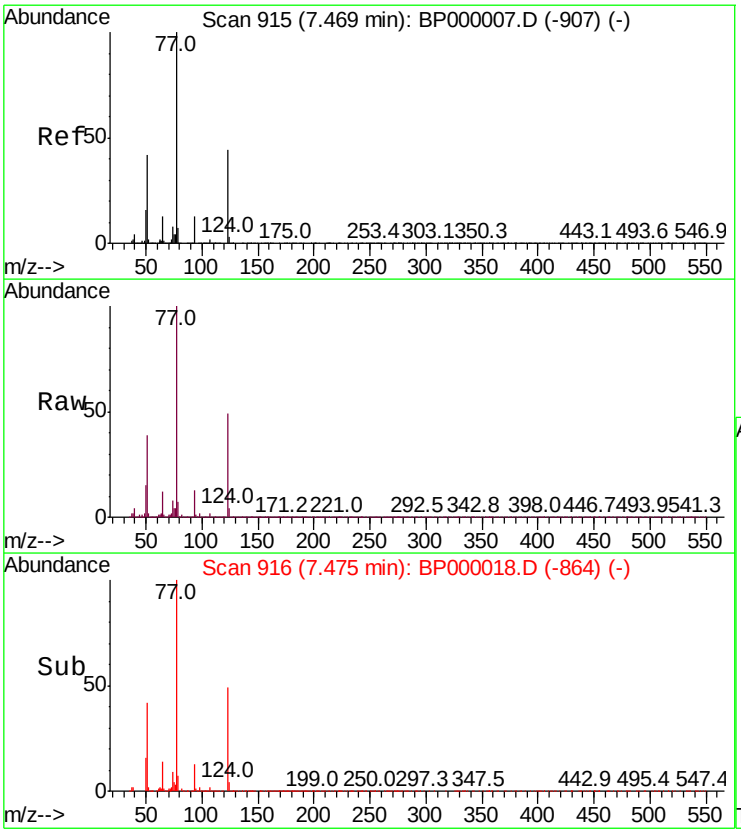

#23
Nitrobenzene-d5
Concen: 69.714 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion: 82 Resp: 5171725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 48.4 | 34.5 | 51.7 |
| 54 | 41.3 | 33.2 | 49.8 |

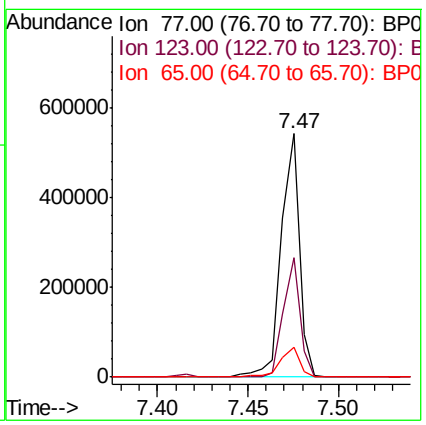


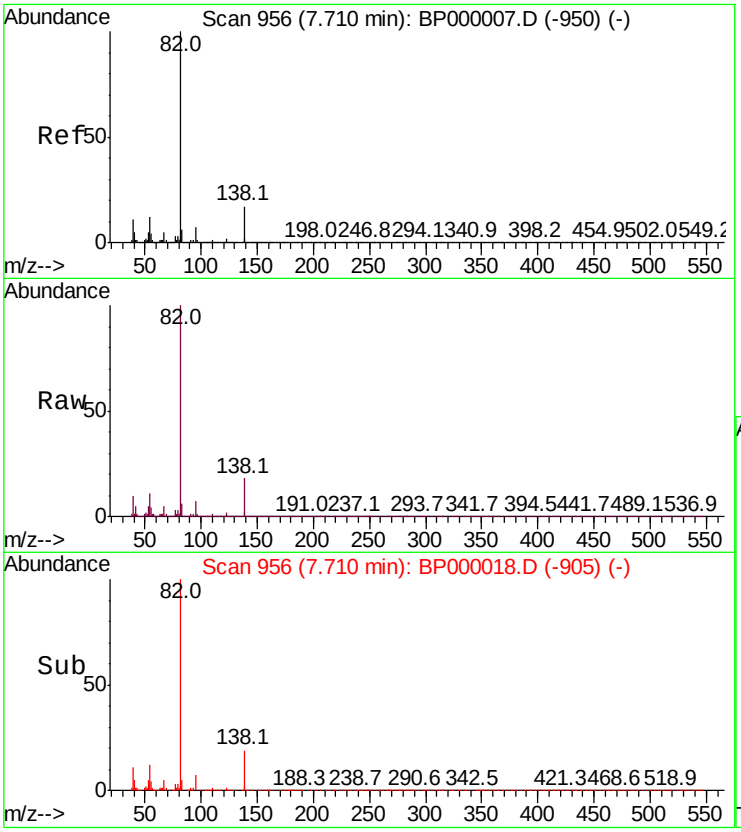




#24
Nitrobenzene
Concen: 4.691 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion: 77 Resp: 376987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 49.2 | 35.8 | 53.8 |
| 65 | 12.1 | 10.1 | 15.1 |



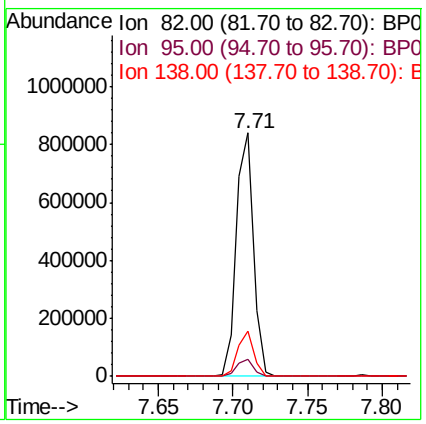


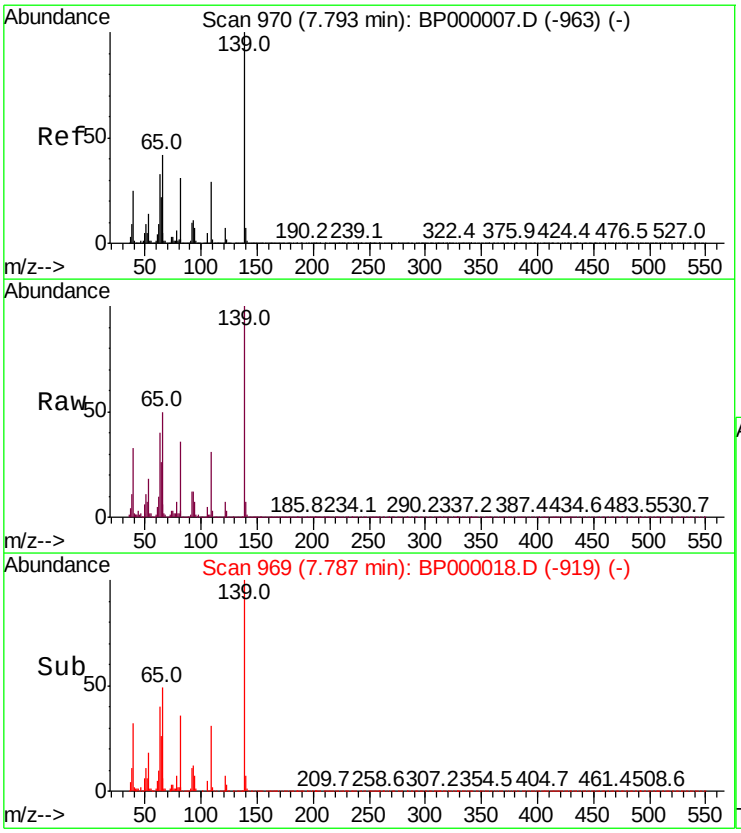

#25
Isophorone
Concen: 4.336 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion: 82 Resp: 679706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.0 | 5.6 | 8.4 |
| 138 | 18.4 | 13.8 | 20.6 |

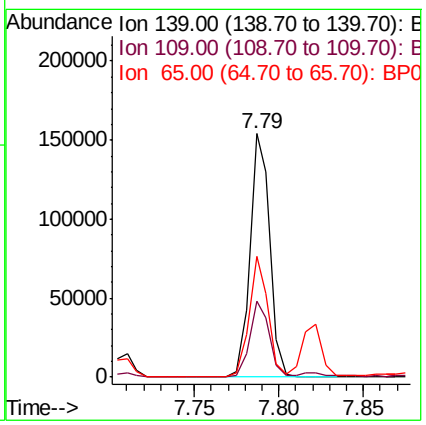


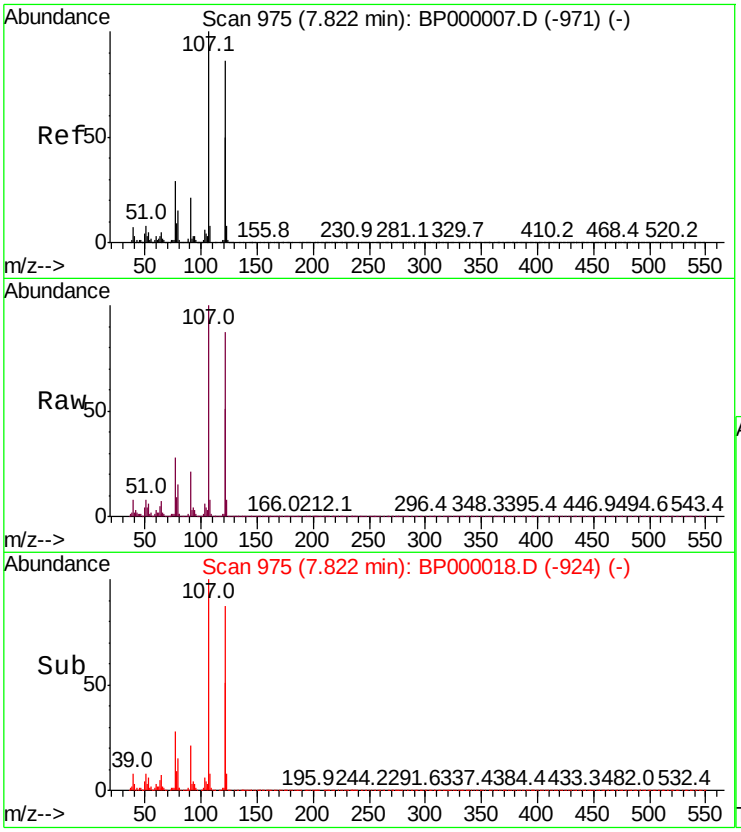




#26
2-Nitrophenol
Concen: 4.026 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:139 Resp: 126012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 31.0 | 23.4 | 35.0 |
| 65 | 49.7 | 33.4 | 50.0 |



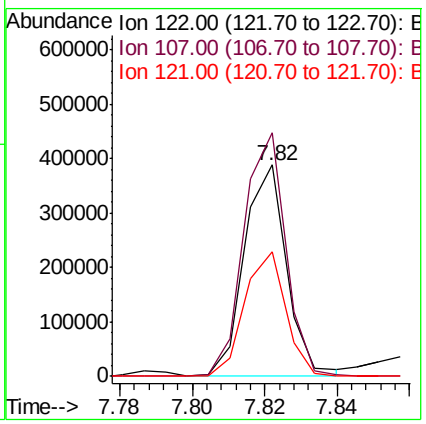


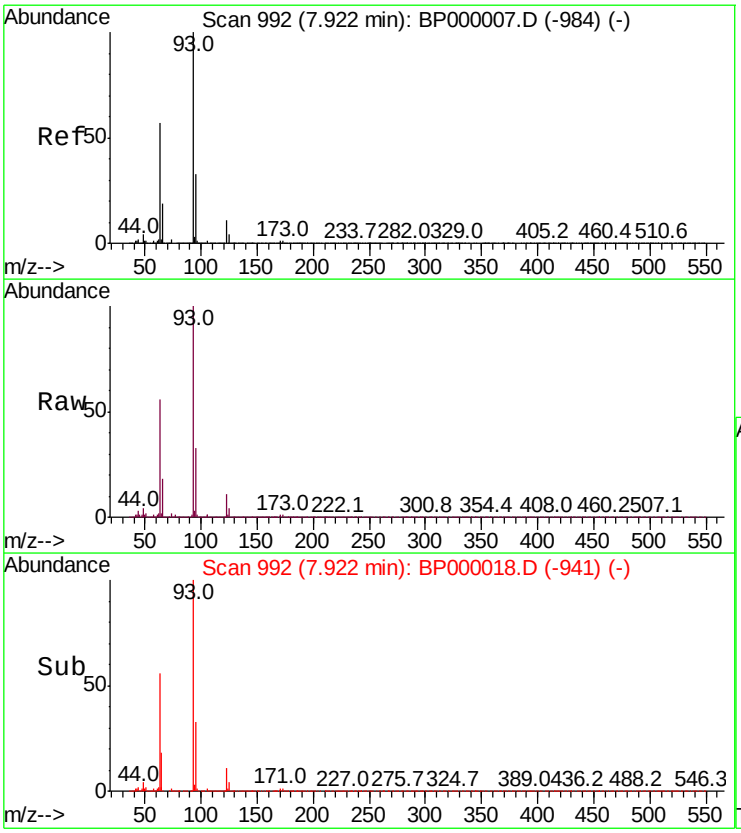

#27
2,4-Dimethylphenol
Concen: 4.942 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:122 Resp: 312125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 115.1 | 92.9 | 139.3 |
| 121 | 59.1 | 46.8 | 70.2 |

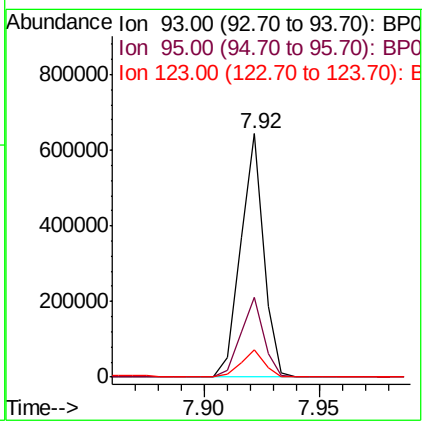


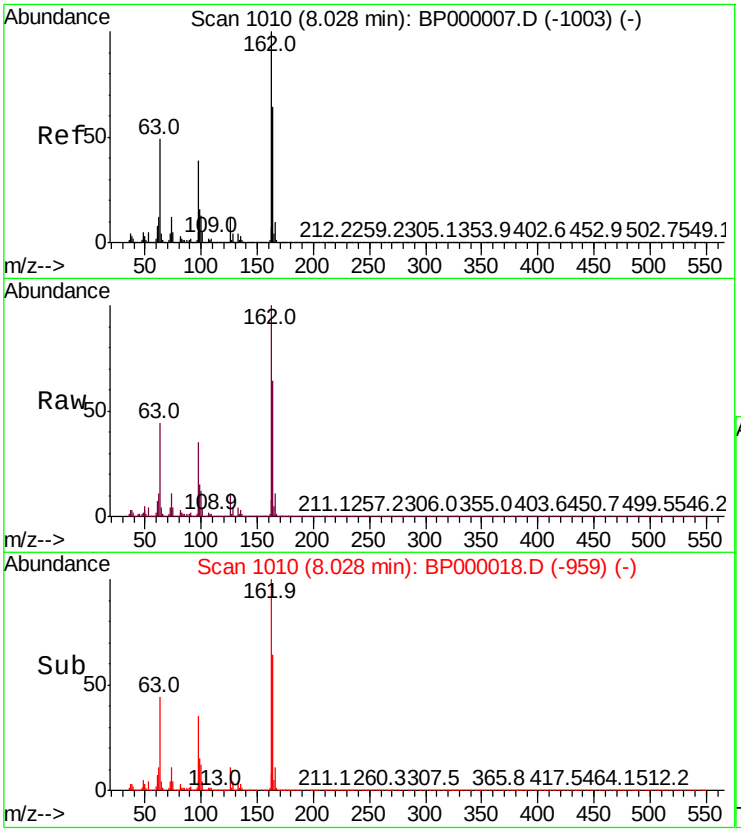




#28
bis(2-Chloroethoxy)methane
Concen: 4.377 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion: 93 Resp: 446180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.7 | 26.1 | 39.1 |
| 123 | 11.4 | 9.0 | 13.4 |



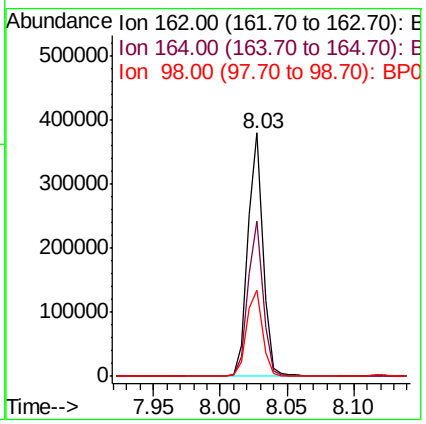


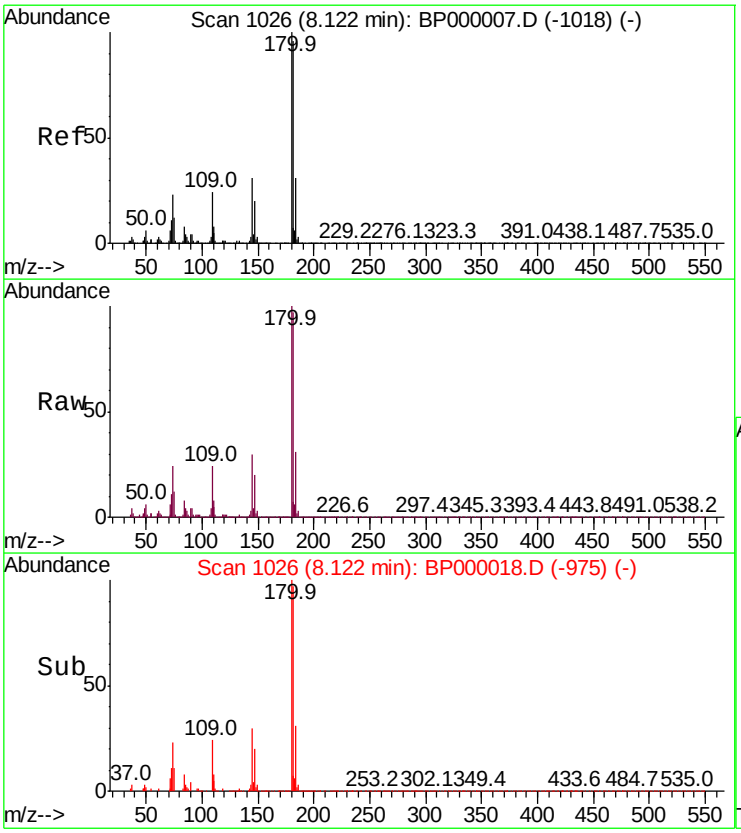

#29
2,4-Dichlorophenol
Concen: 4.506 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:162 Resp: 292596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.8 | 44.2 | 84.2 |
| 98 | 35.2 | 18.7 | 58.7 |

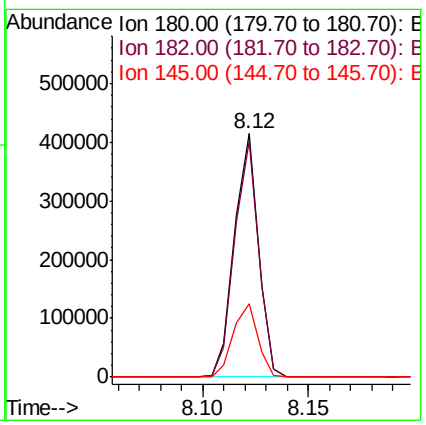


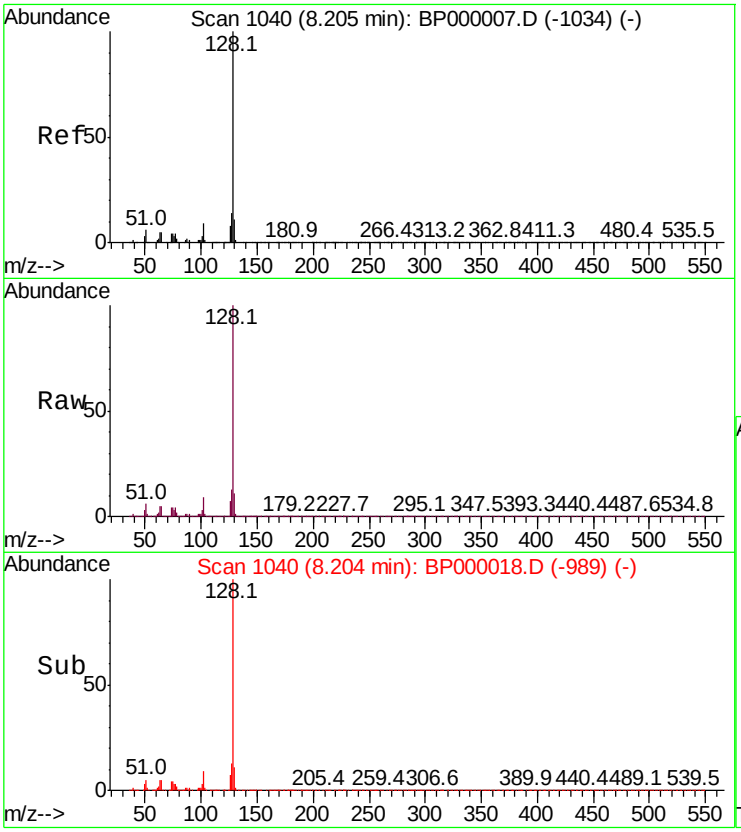




#30
1,2,4-Trichlorobenzene
Concen: 4.380 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:180 Resp: 324259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.9 | 76.7 | 115.1 |
| 145 | 30.1 | 24.8 | 37.2 |



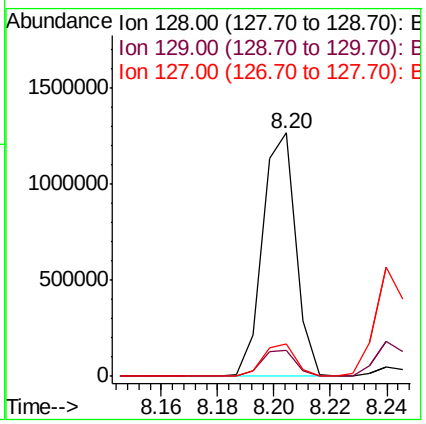


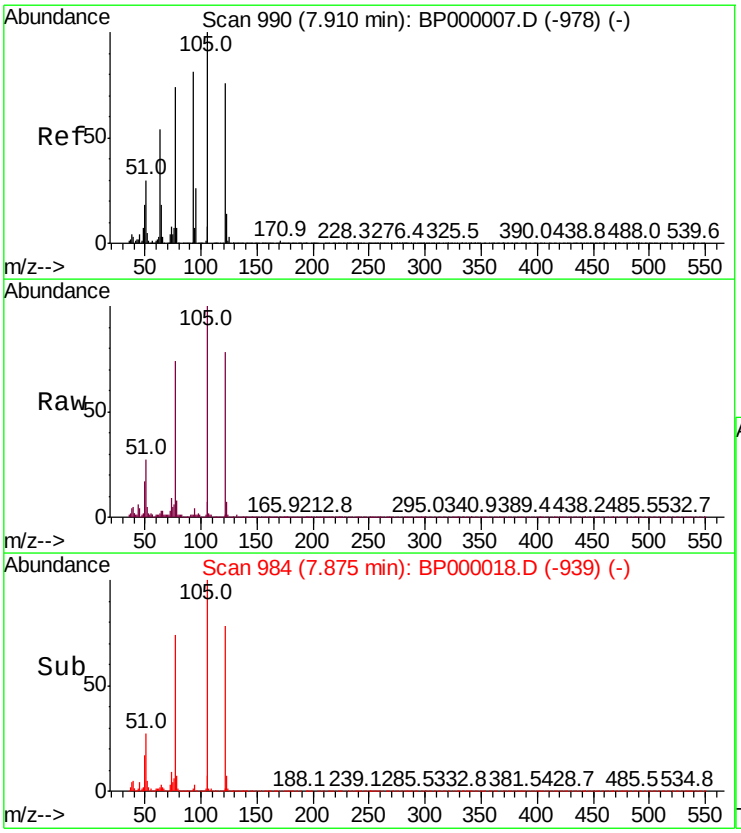

#31
Naphthalene
Concen: 4.949 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:128 Resp: 1033625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.7 | 9.0 | 13.6 |
| 127 | 13.2 | 11.0 | 16.6 |

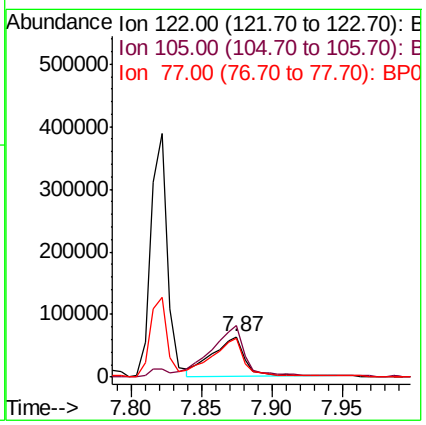


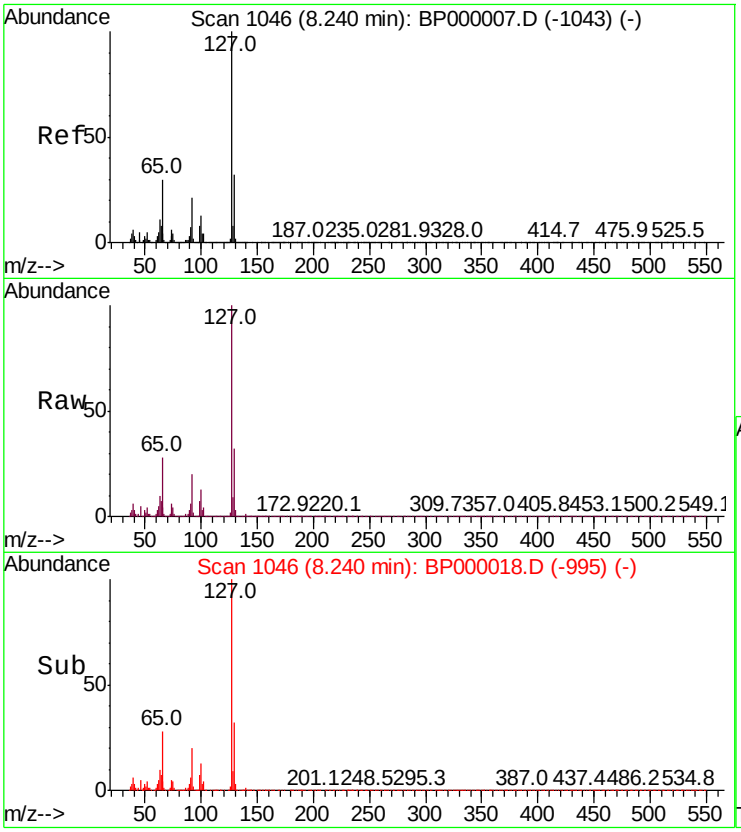




#32
Benzoic acid
Concen: 10.042 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.04 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:122 Resp: 100647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 128.6 | 104.6 | 144.6 |
| 77 | 95.1 | 74.1 | 114.1 |



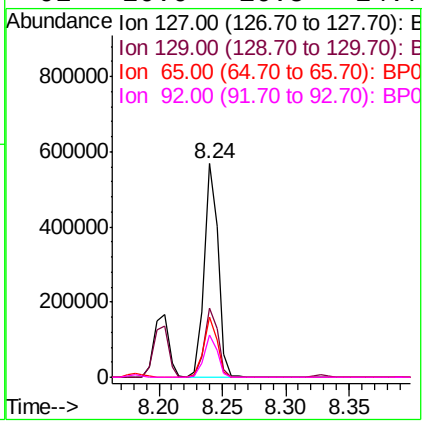


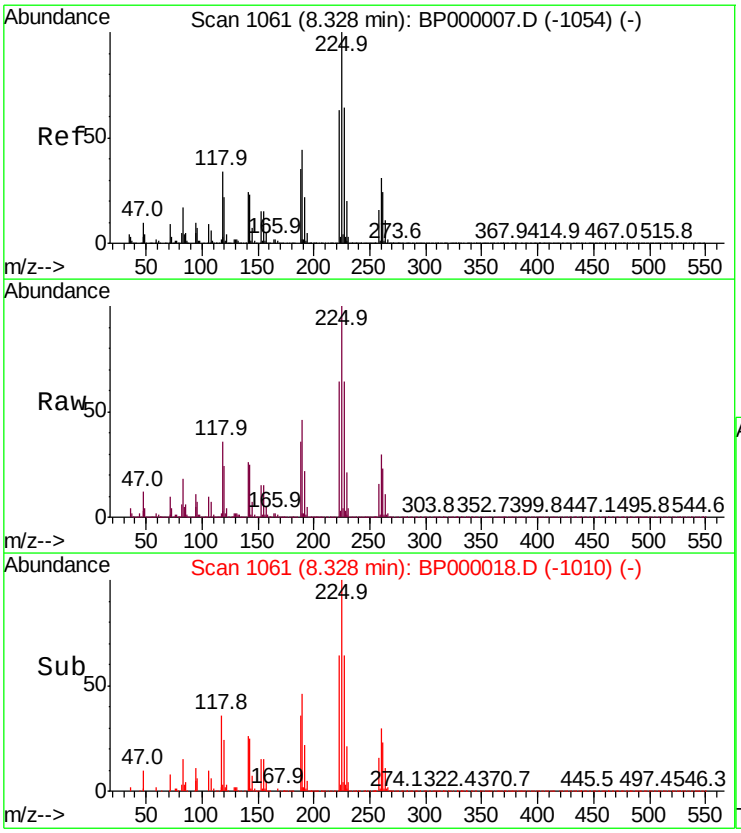

#33
4-Chloroaniline
Concen: 4.404 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:127 Resp: 433766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.3 | 25.8 | 38.6 |
| 65 | 28.5 | 24.2 | 36.2 |
| 92 | 20.0 | 16.5 | 24.7 |

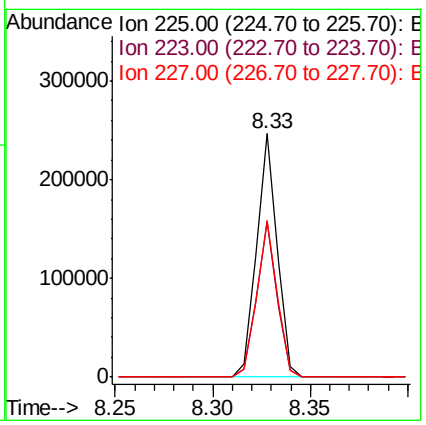


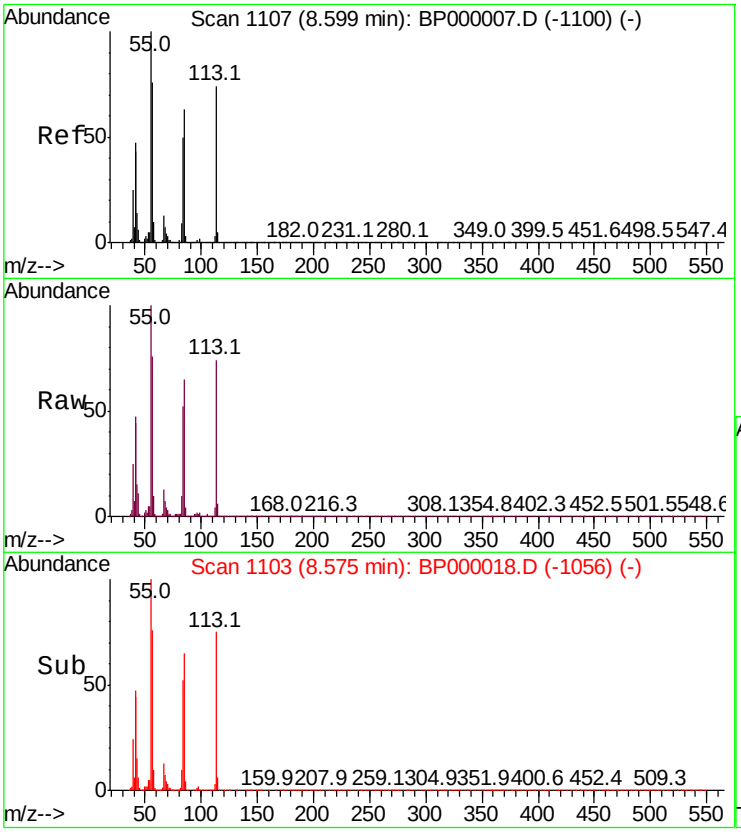




#34
Hexachlorobutadiene
Concen: 4.302 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:225 Resp: 179468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.0 | 50.6 | 76.0 |
| 227 | 64.3 | 51.0 | 76.4 |



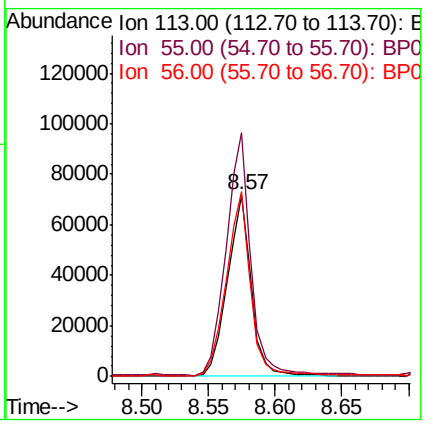


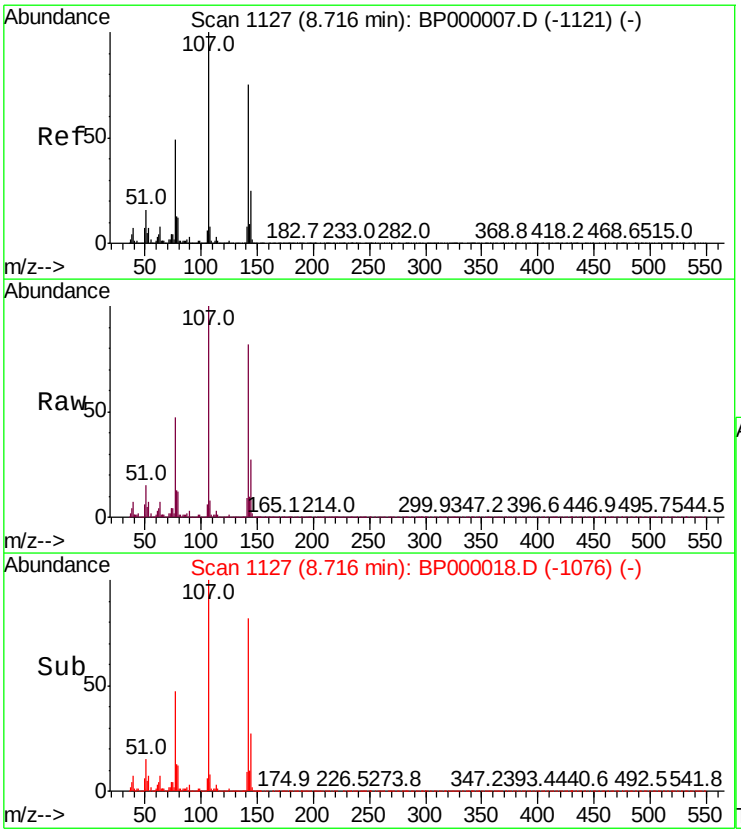

#35
Caprolactam
Concen: 3.895 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:113 Resp: 89947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 134.6 | 114.6 | 154.6 |
| 56 | 102.0 | 82.1 | 122.1 |

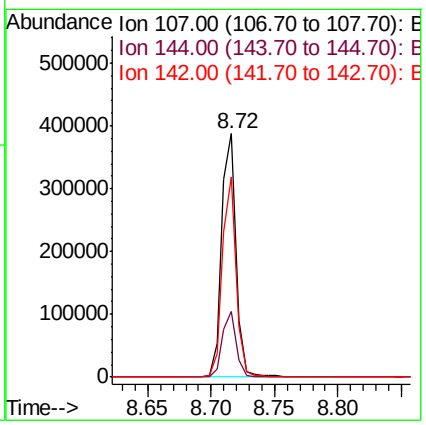


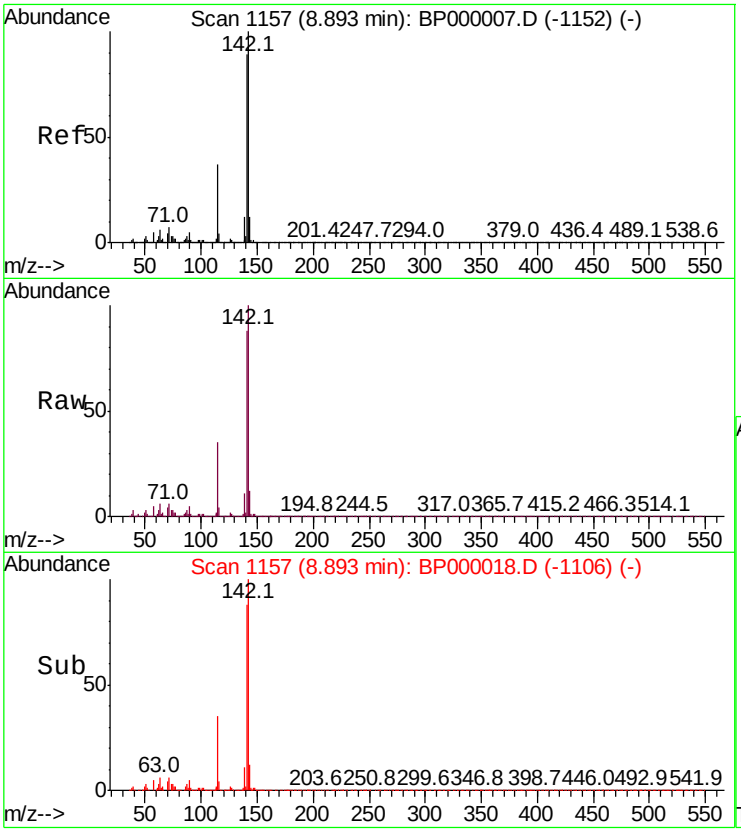




#36
4-Chloro-3-methylphenol
Concen: 4.349 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:107 Resp: 308142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.8 | 19.8 | 29.6 |
| 142 | 82.2 | 60.4 | 90.6 |



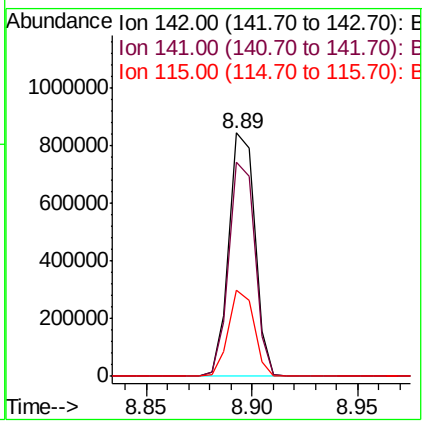


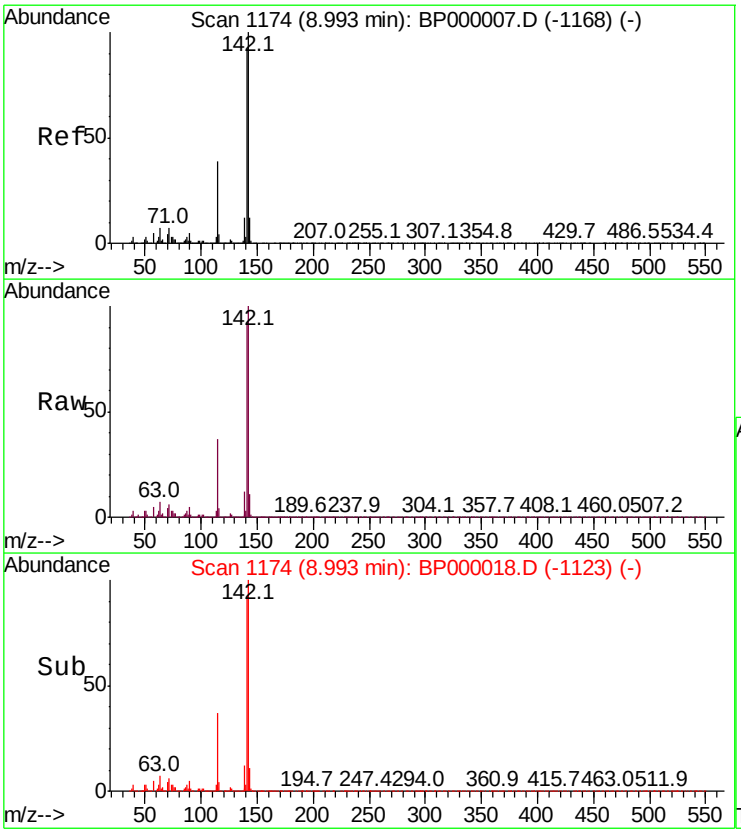

#37
2-Methylnaphthalene
Concen: 4.902 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:142 Resp: 715505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.2 | 71.0 | 106.4 |
| 115 | 35.4 | 29.4 | 44.2 |

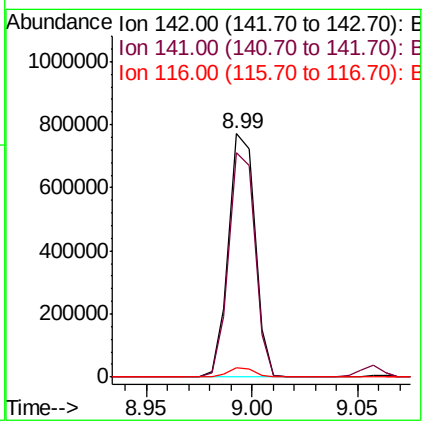


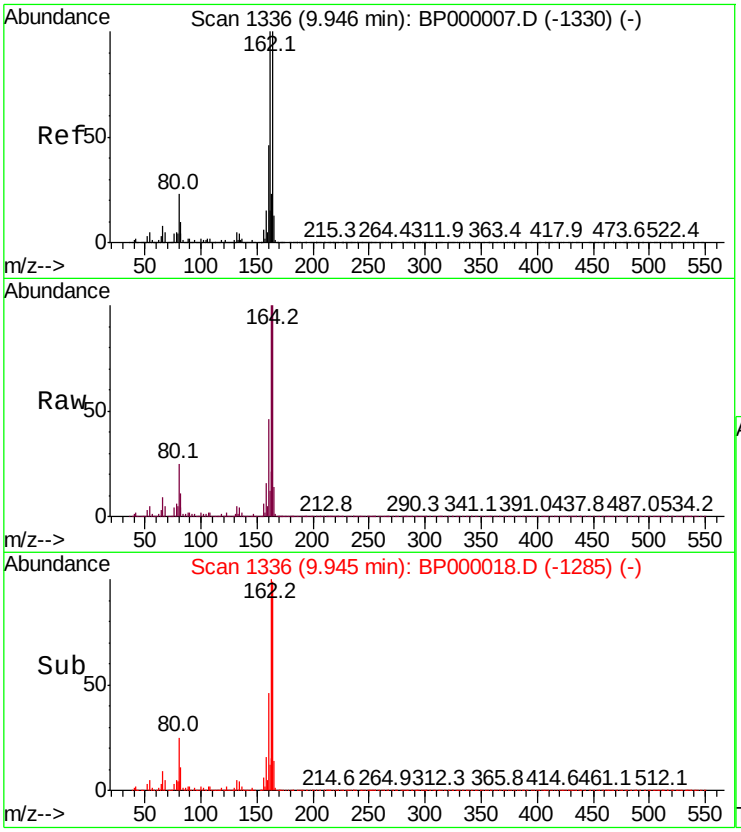




#38
1-Methylnaphthalene
Concen: 4.836 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:142 Resp: 665097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.0 | 73.6 | 110.4 |
| 116 | 4.0 | 3.4 | 5.0 |



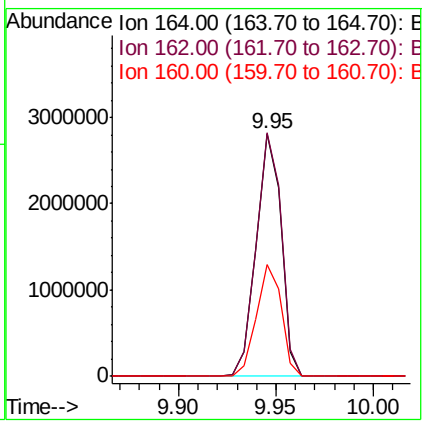


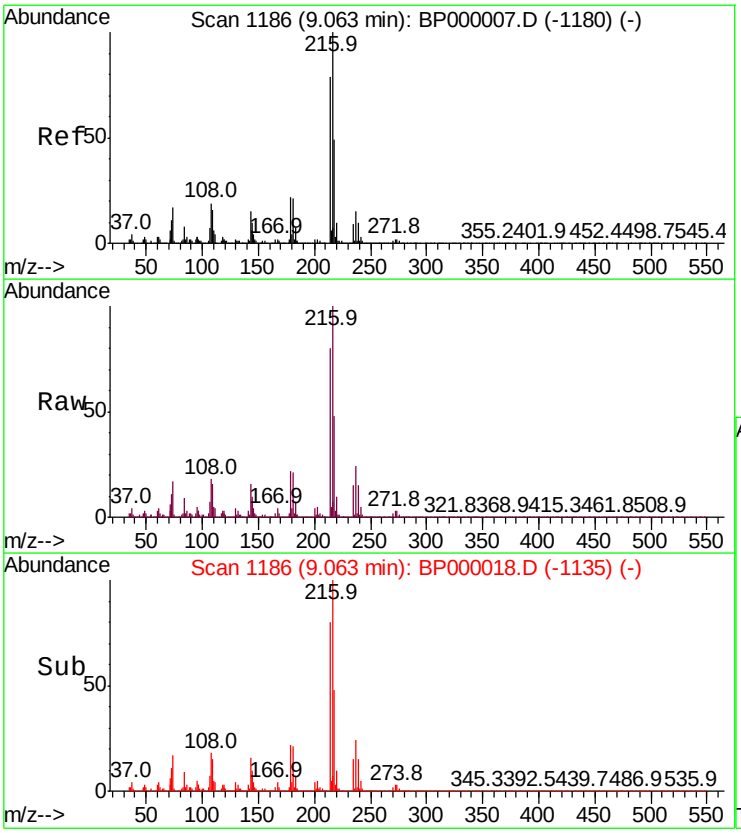

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:164 Resp: 2492620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.4 | 80.2 | 120.4 |
| 160 | 46.3 | 36.6 | 55.0 |

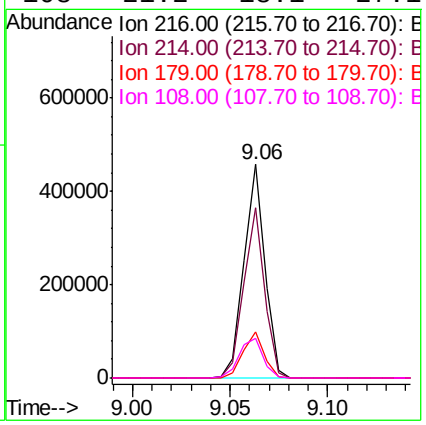


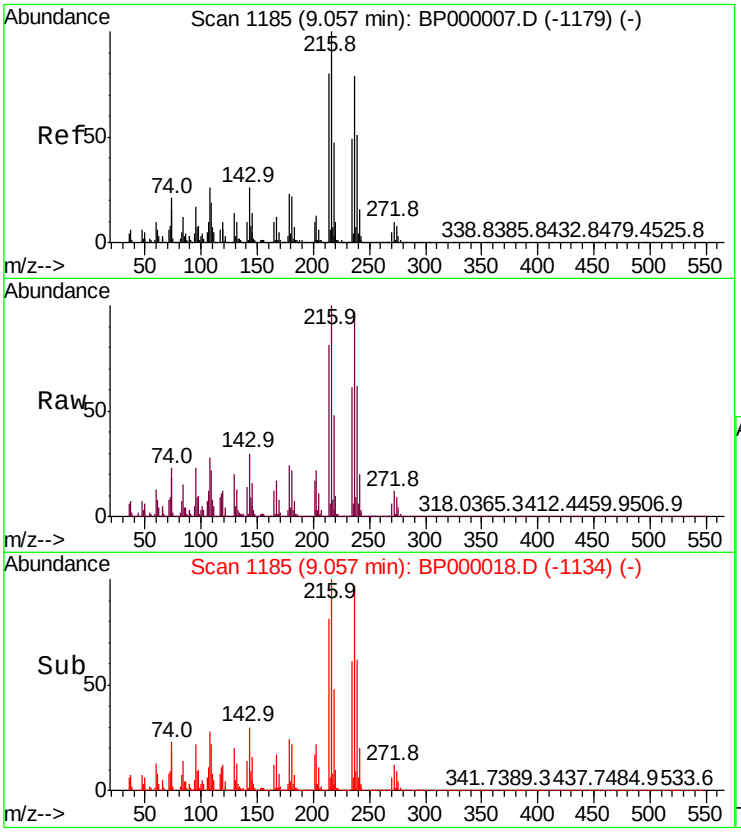




#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.805 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:216 Resp: 339008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.4 | 63.4 | 95.2 |
| 179 | 22.0 | 17.8 | 26.6 |
| 108 | 21.2 | 18.1 | 27.1 |



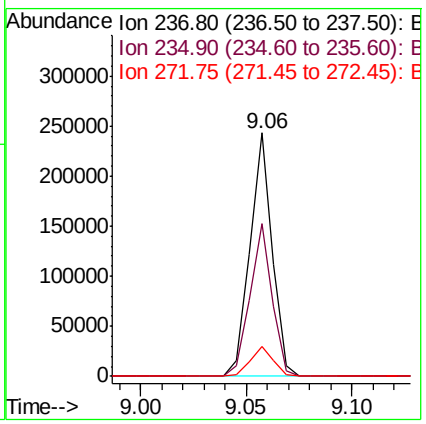


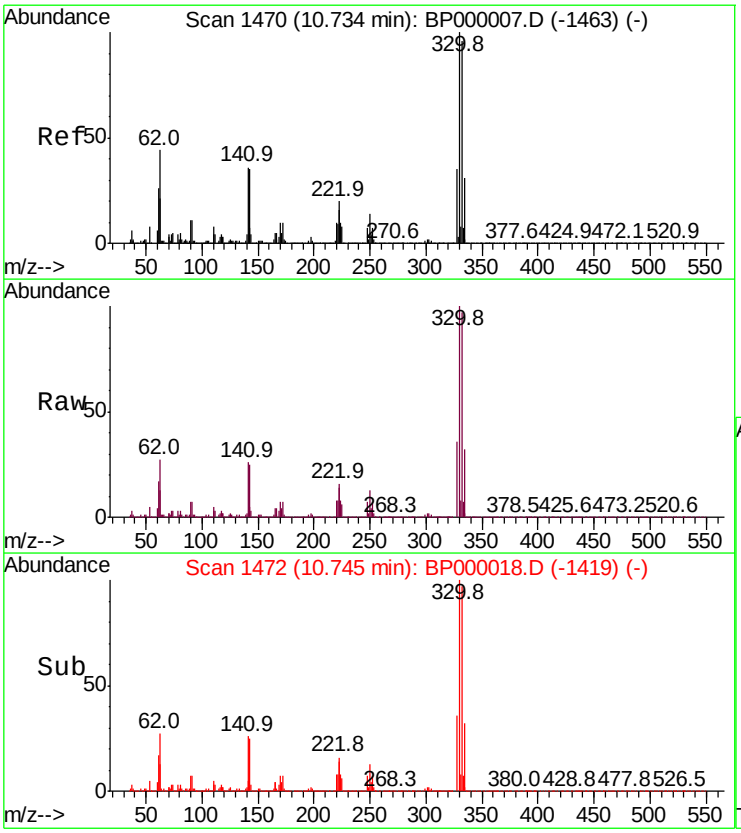

#41
Hexachlorocyclopentadiene
Concen: 4.576 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:237 Resp: 177758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.6 | 42.0 | 82.0 |
| 272 | 12.4 | 0.0 | 33.1 |

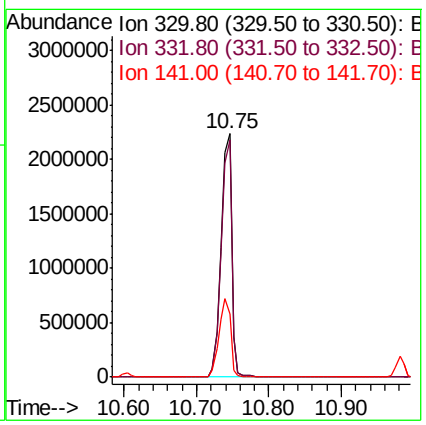


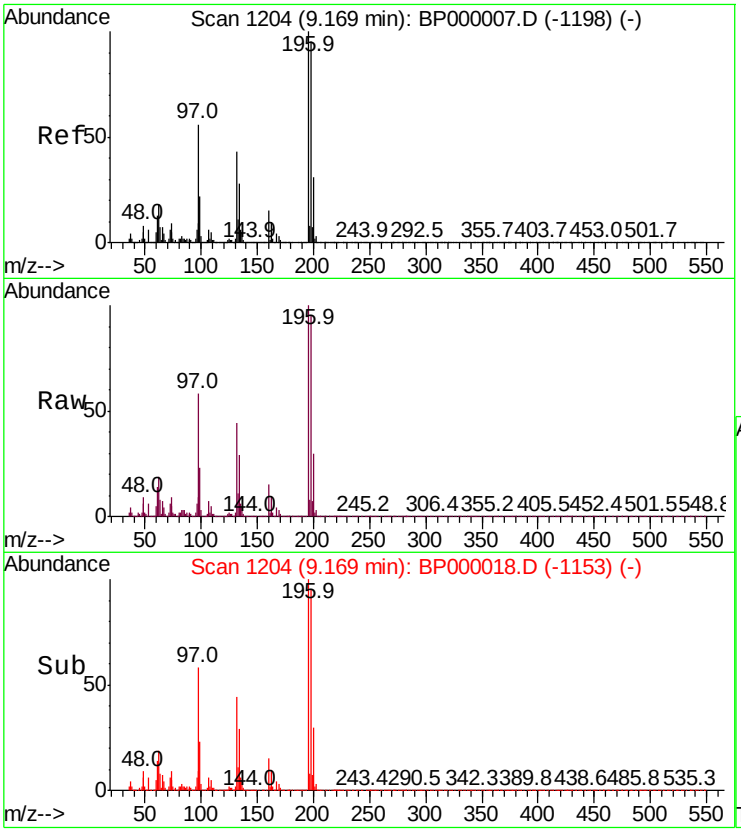




#42
2,4,6-Tribromophenol
Concen: 109.631 ng
RT: 10.75 min Scan# 1472
Delta R.T. 0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:330 Resp: 2303385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.6 | 76.8 | 115.2 |
| 141 | 34.7 | 33.6 | 50.4 |



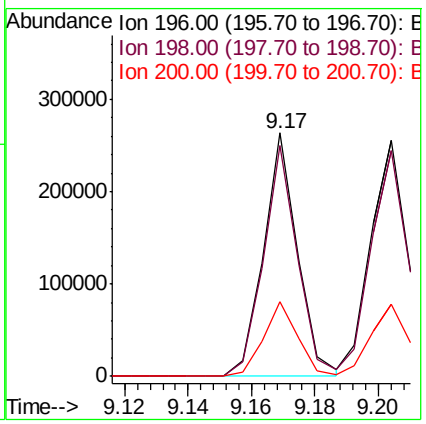


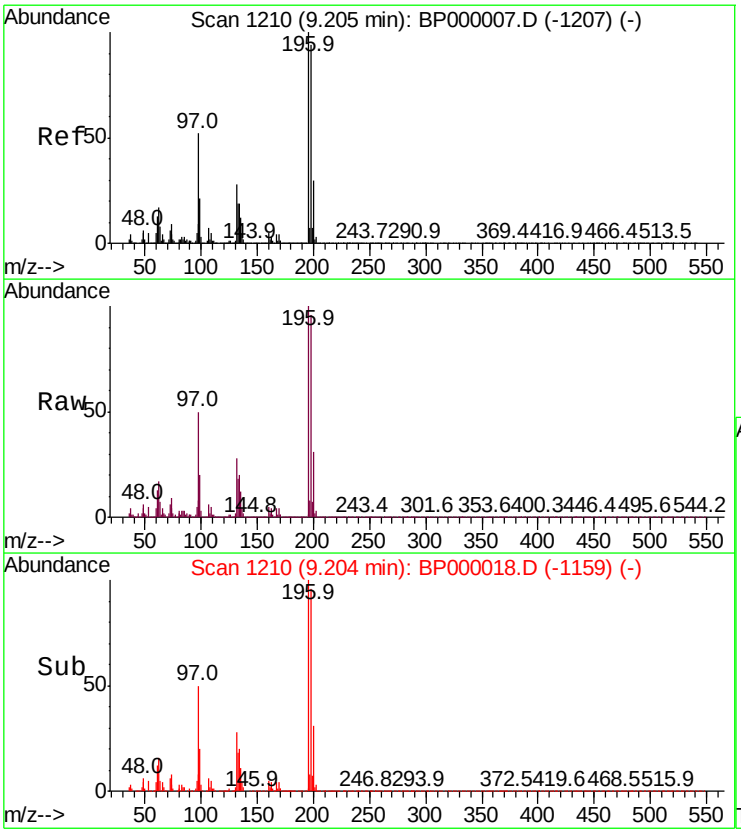

#43
2,4,6-Trichlorophenol
Concen: 4.042 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:196 Resp: 196656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.6 | 76.2 | 114.2 |
| 200 | 30.4 | 25.0 | 37.4 |

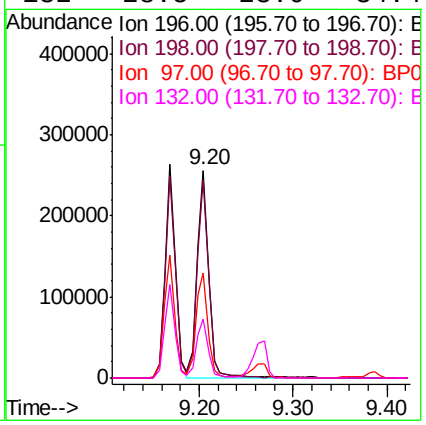


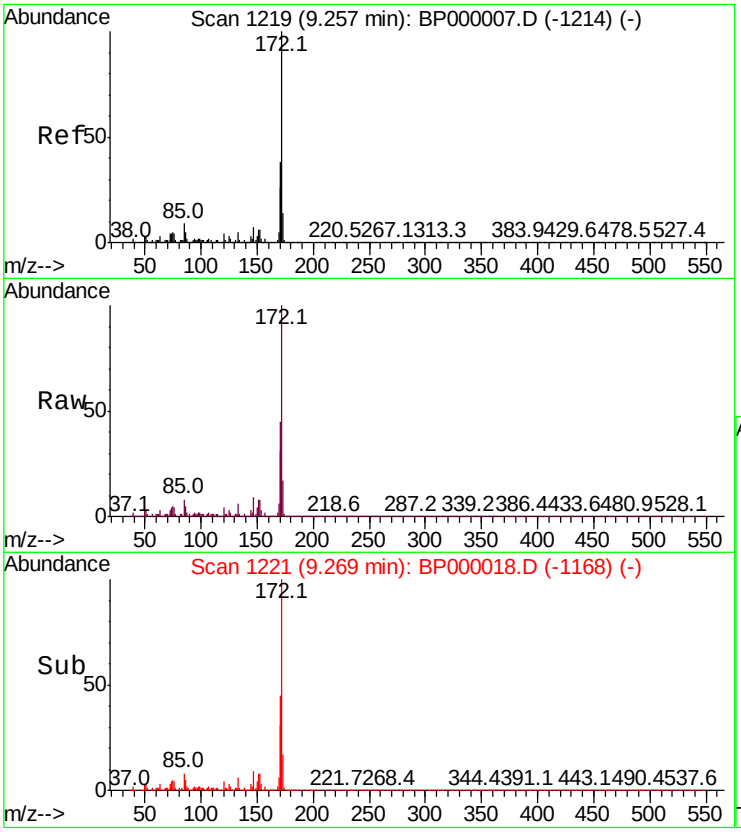




#44
2,4,5-Trichlorophenol
Concen: 4.296 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:196 Resp: 218693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.6 | 74.9 | 112.3 |
| 97 | 50.5 | 42.2 | 63.2 |
| 132 | 28.5 | 23.0 | 34.4 |



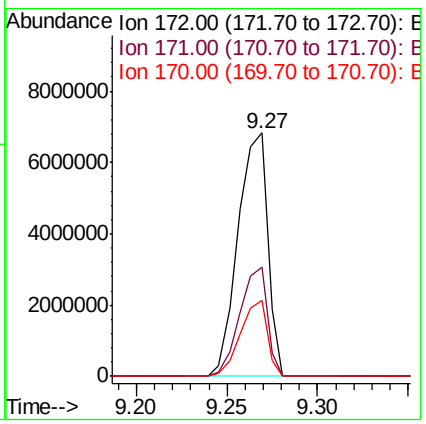


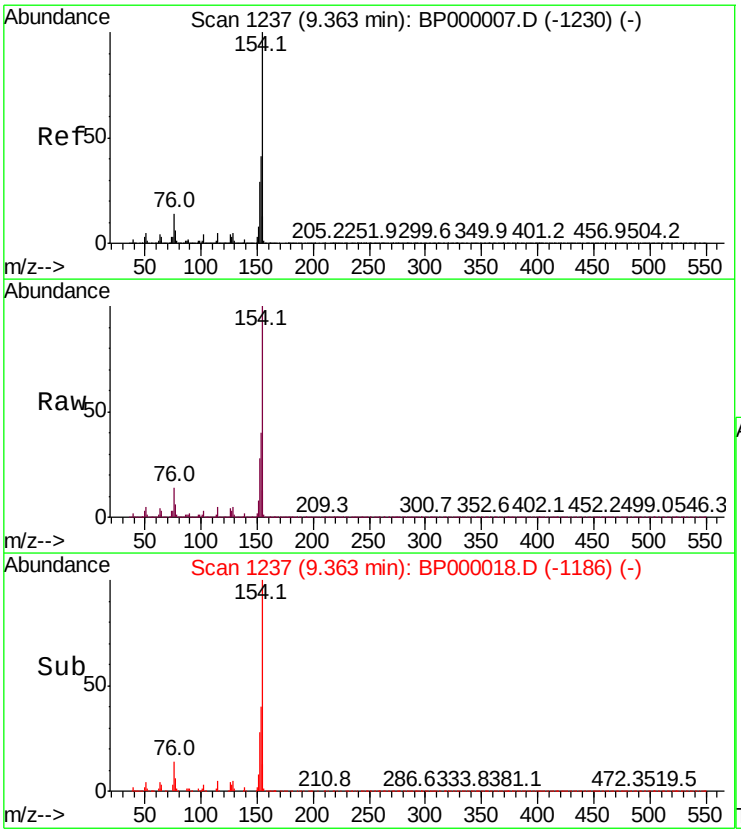

#45
2-Fluorobiphenyl
Concen: 52.266 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:172 Resp: 7801156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 45.1 | 30.7 | 46.1 |
| 170 | 31.5 | 20.7 | 31.1# |

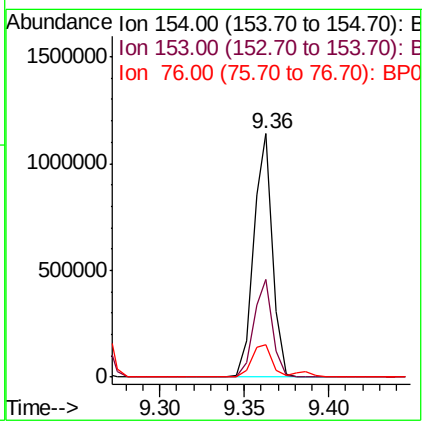


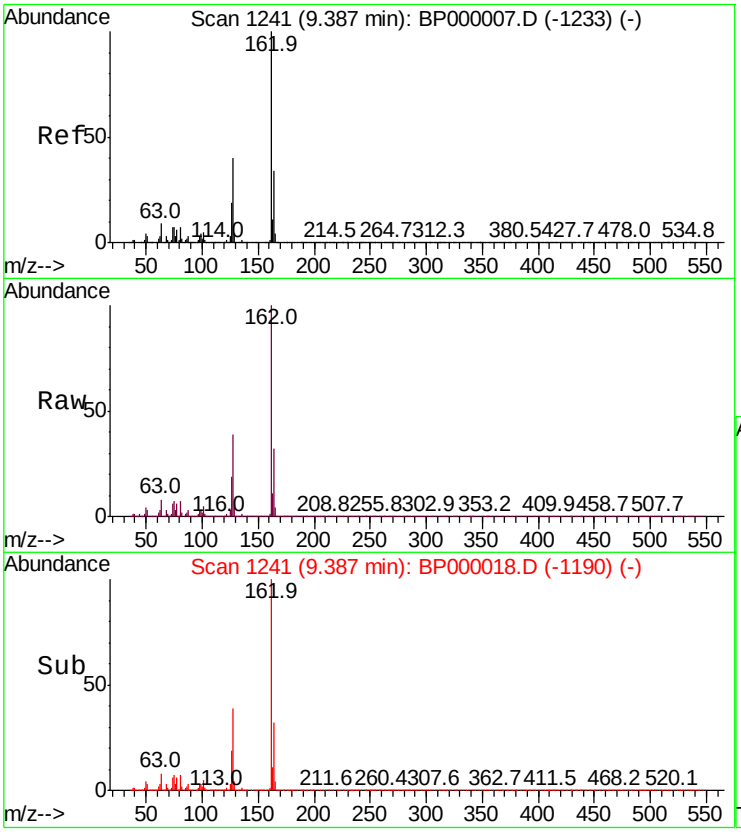




#46
1,1'-Biphenyl
Concen: 5.002 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:154 Resp: 880207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.3 | 21.1 | 61.1 |
| 76 | 13.5 | 0.0 | 33.7 |



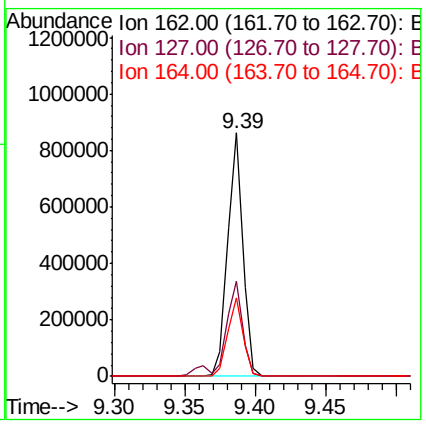


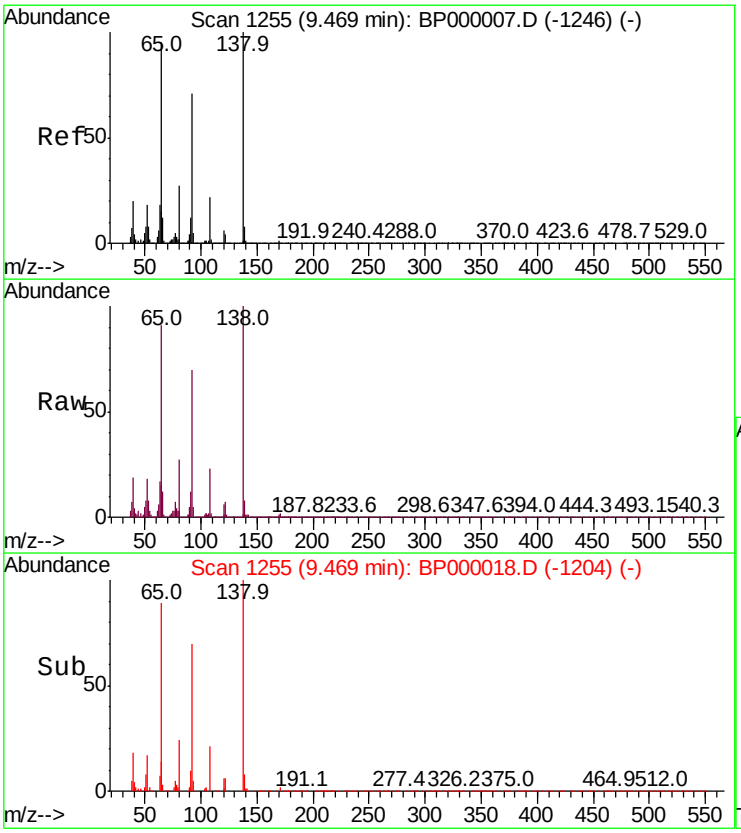

#47
2-Chloronaphthalene
Concen: 4.402 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:162 Resp: 642950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 39.3 | 32.2 | 48.4 |
| 164 | 32.2 | 26.9 | 40.3 |

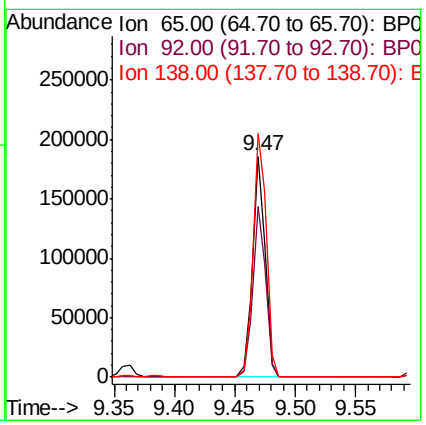


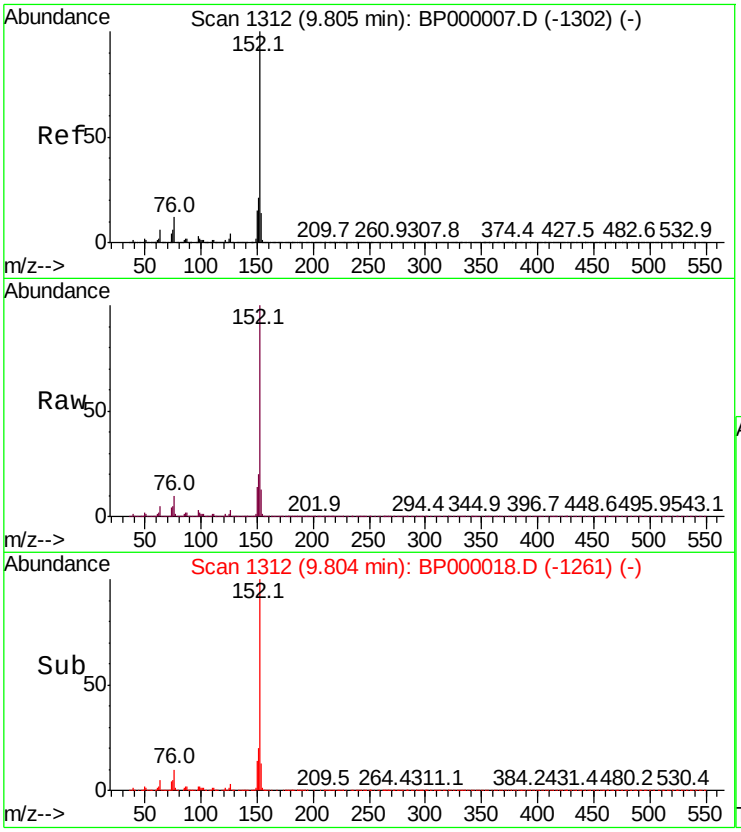




#48
2-Nitroaniline
Concen: 3.442 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion: 65 Resp: 135791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 77.4 | 60.3 | 90.5 |
| 138 | 110.2 | 84.5 | 126.7 |



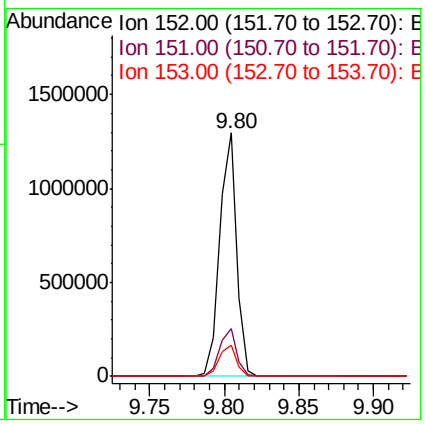


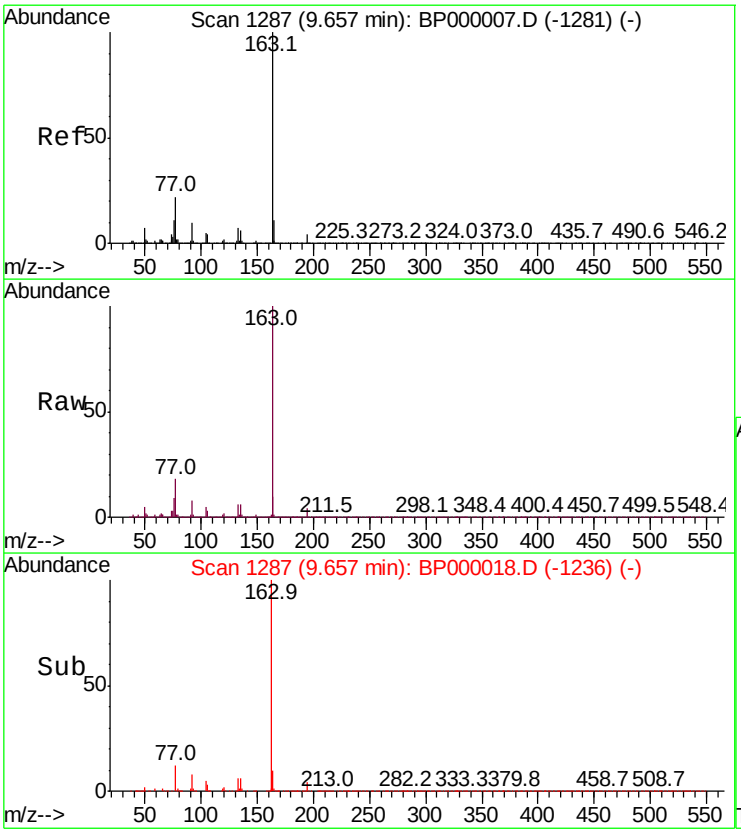

#49
Acenaphthylene
Concen: 4.787 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:152 Resp: 1037467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.7 | 17.0 | 25.6 |
| 153 | 13.0 | 11.0 | 16.6 |

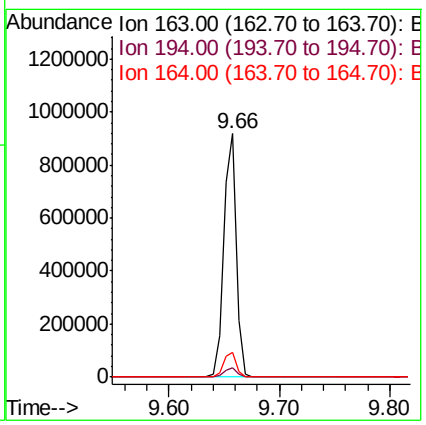


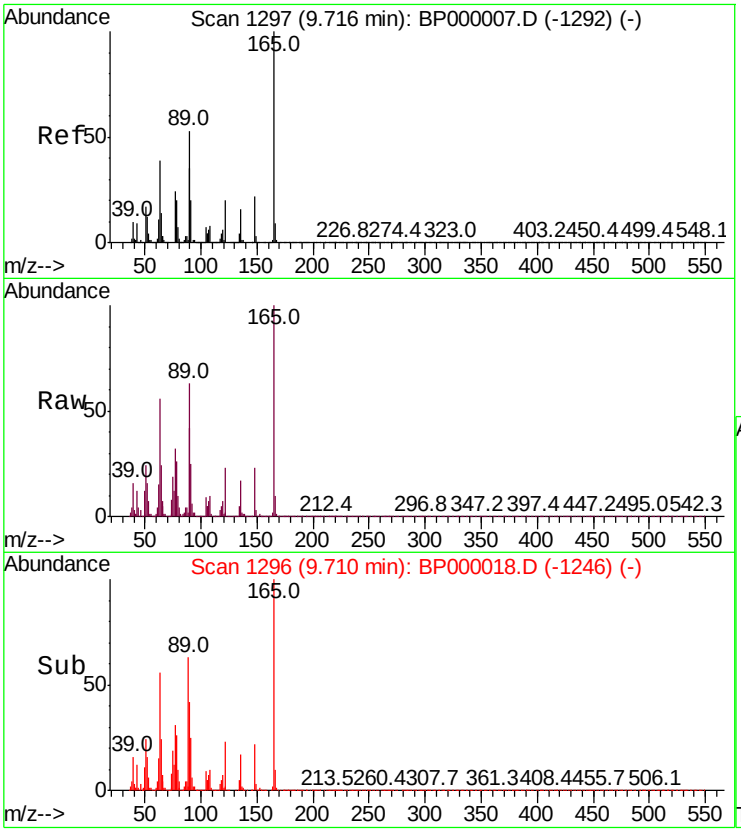




#50
Dimethylphthalate
Concen: 4.263 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:163 Resp: 724027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 3.3 | 4.9 |
| 164 | 10.0 | 8.4 | 12.6 |



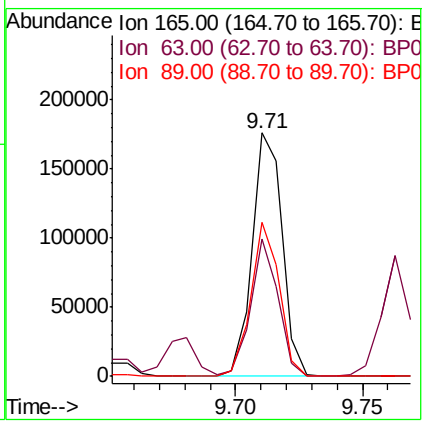


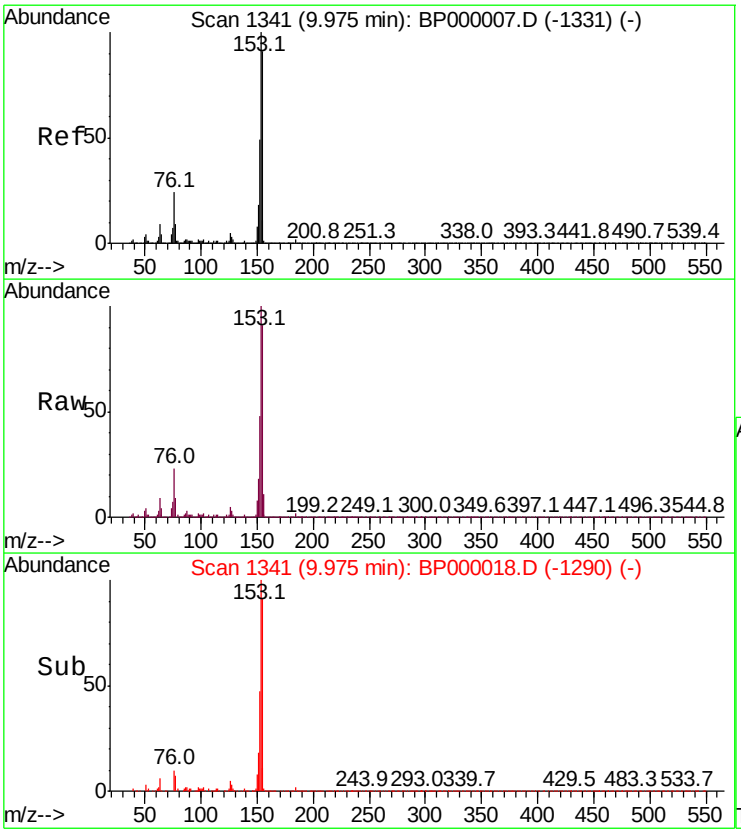

#51
2,6-Dinitrotoluene
Concen: 4.028 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:165 Resp: 145225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 56.4 | 35.8 | 53.6# |
| 89 | 63.1 | 42.2 | 63.4 |

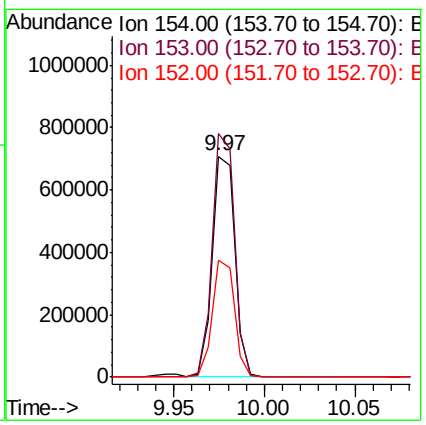


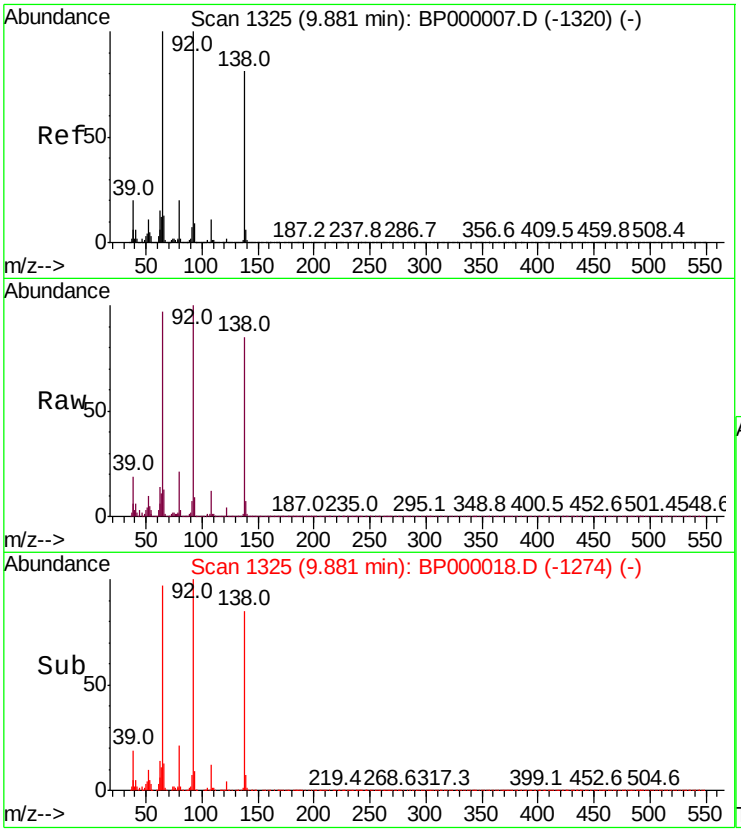




#52
Acenaphthene
Concen: 4.486 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:154 Resp: 610124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 110.3 | 88.2 | 132.2 |
| 152 | 52.7 | 42.9 | 64.3 |



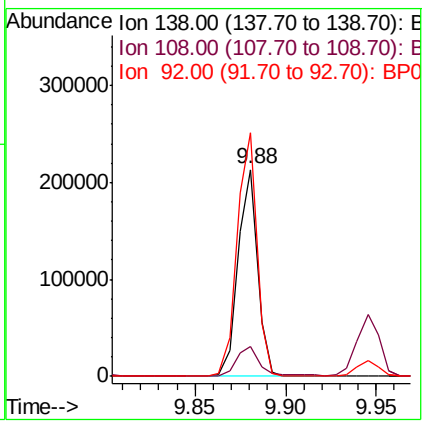


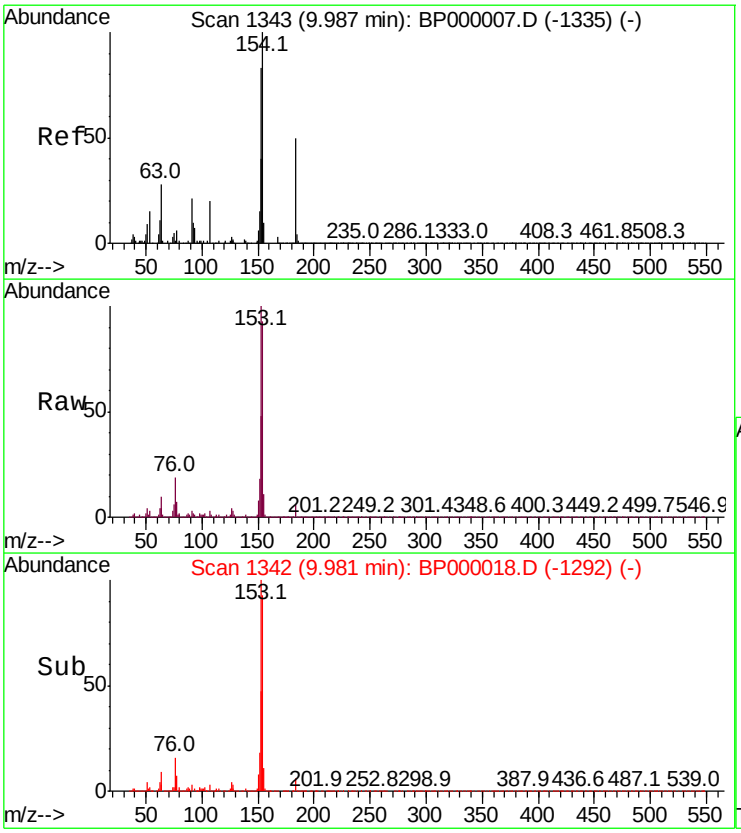

#53
3-Nitroaniline
Concen: 3.698 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:138 Resp: 159276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 14.4 | 11.0 | 16.4 |
| 92 | 117.5 | 98.2 | 147.4 |

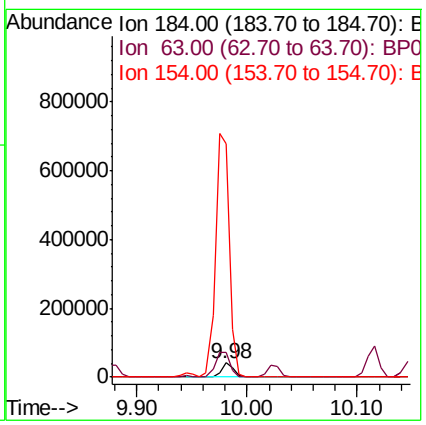


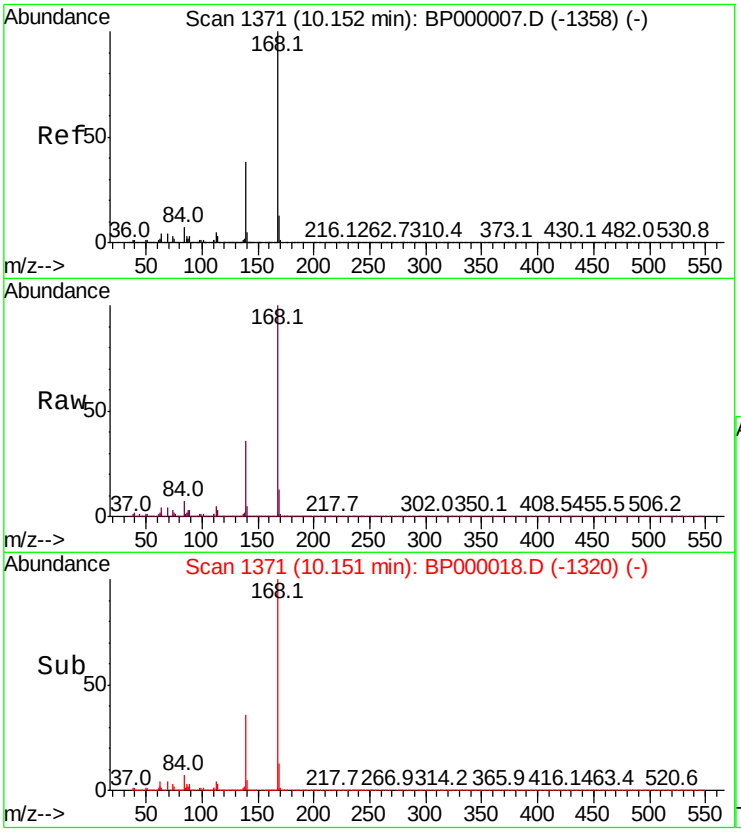




#54
2,4-Dinitrophenol
Concen: 10.840 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:184 Resp: 33210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 179.3 | 46.0 | 69.0# |
| 154 | 1654.4 | 161.9 | 242.9# |



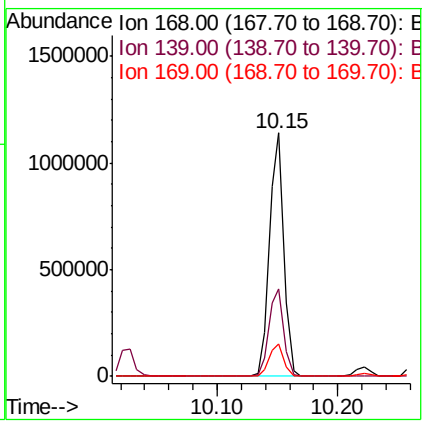


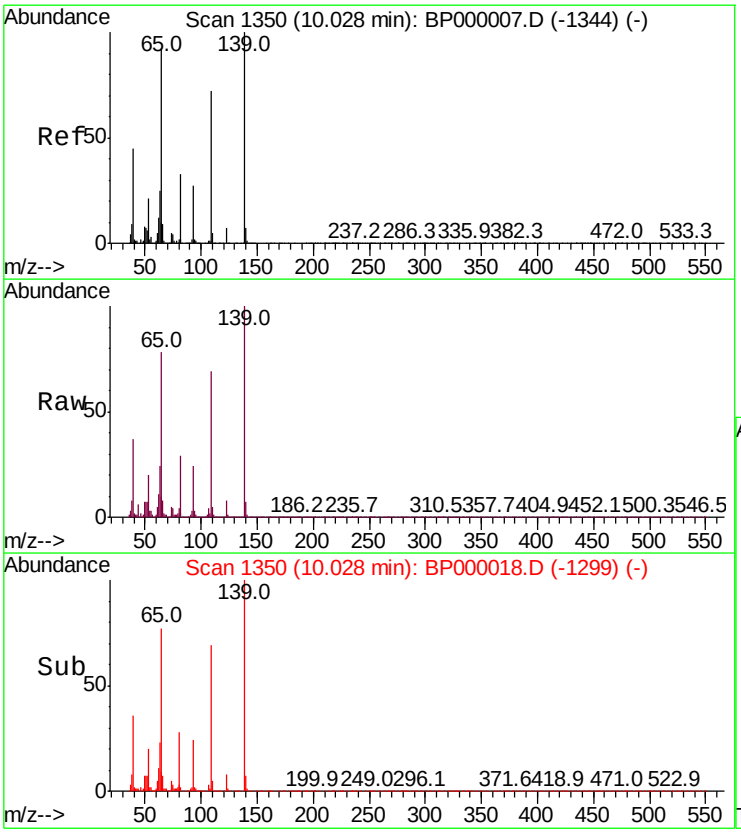

#55
Dibenzofuran
Concen: 4.792 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:168 Resp: 925410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.1 | 30.2 | 45.2 |
| 169 | 13.1 | 10.7 | 16.1 |

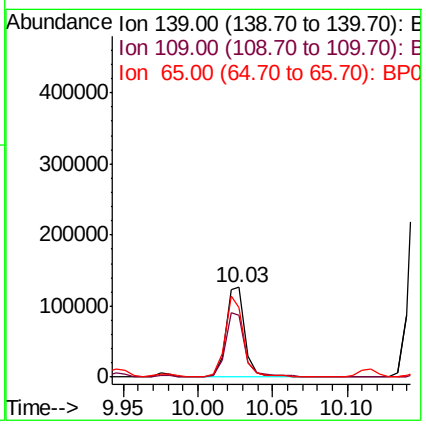


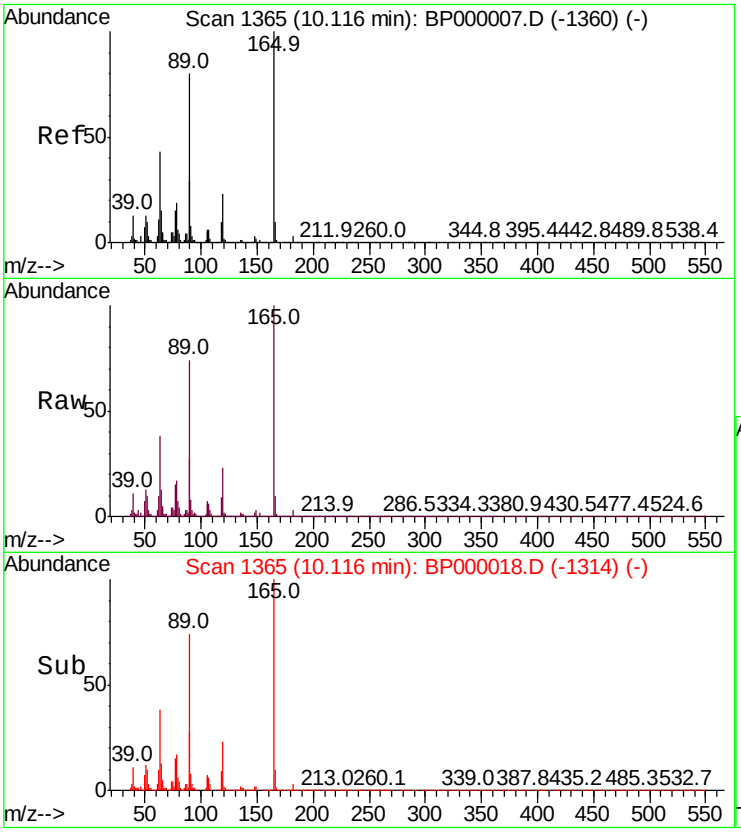




#56
4-Nitrophenol
Concen: 3.726 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:139 Resp: 114714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 68.7 | 52.4 | 92.4 |
| 65 | 77.6 | 72.2 | 112.2 |



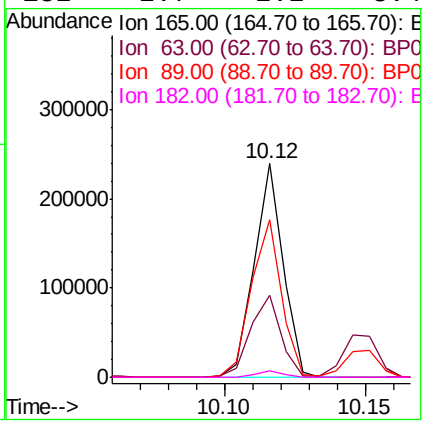


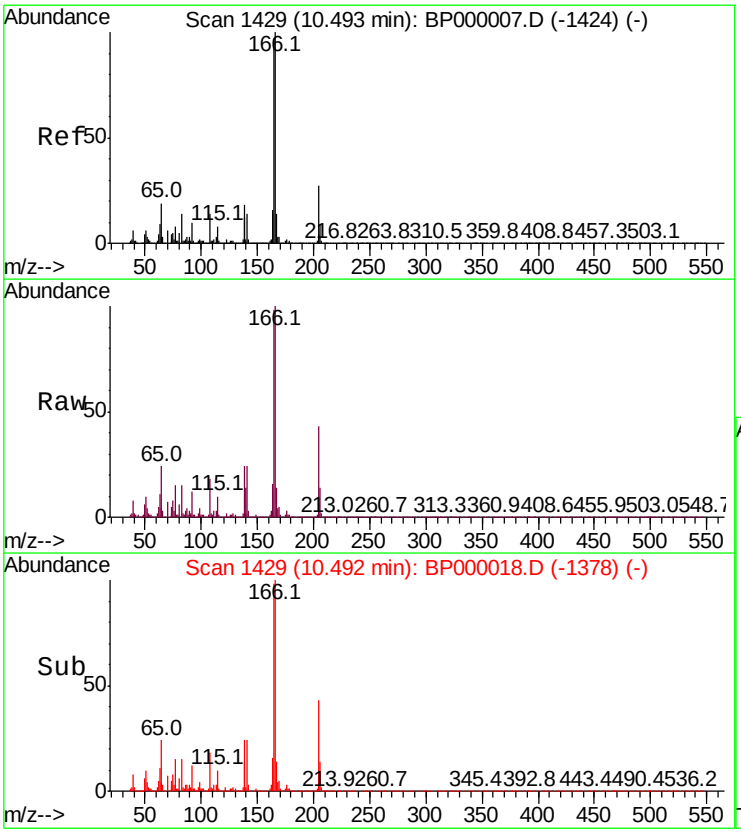

#57
2,4-Dinitrotoluene
Concen: 3.691 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:165 Resp: 169910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 38.1 | 34.4 | 51.6 |
| 89 | 73.9 | 64.3 | 96.5 |
| 182 | 2.7 | 2.2 | 3.4 |

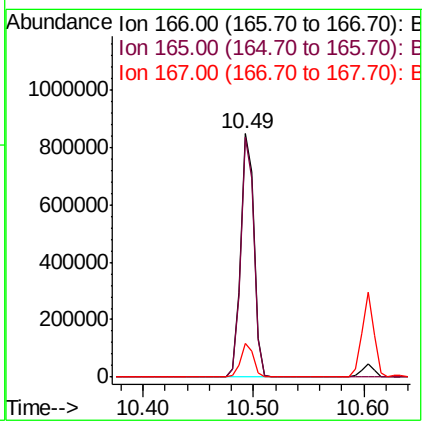


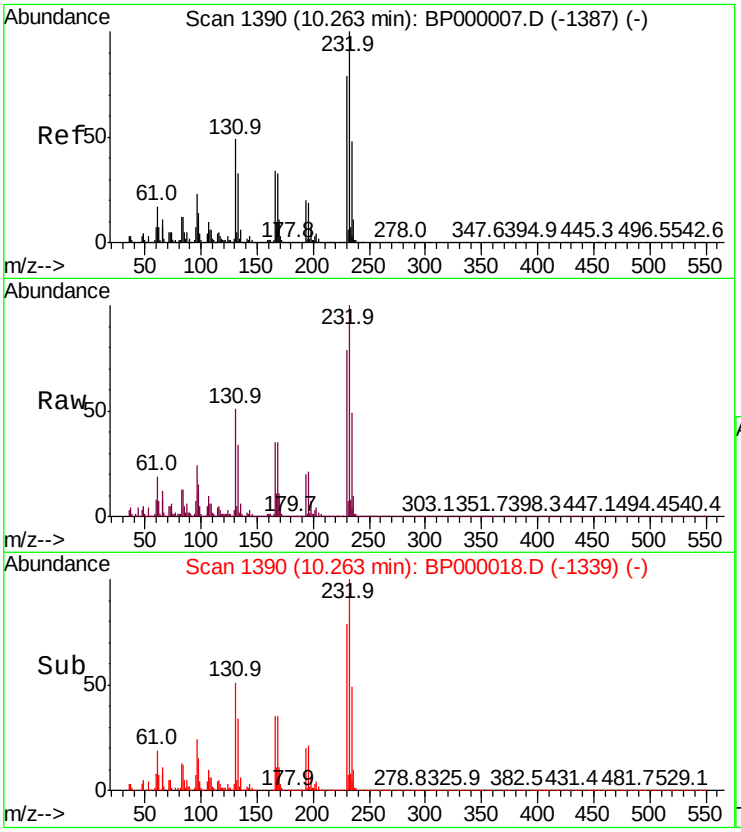




#58
Fluorene
Concen: 4.939 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:166 Resp: 717906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.4 | 77.3 | 115.9 |
| 167 | 13.7 | 11.0 | 16.6 |



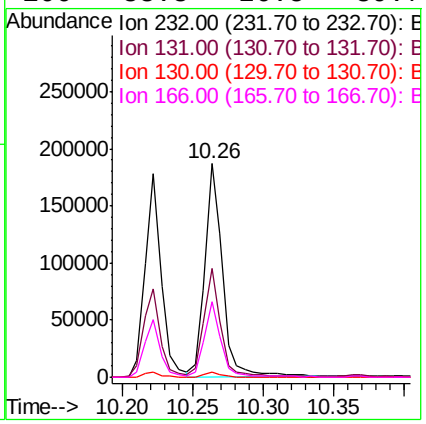


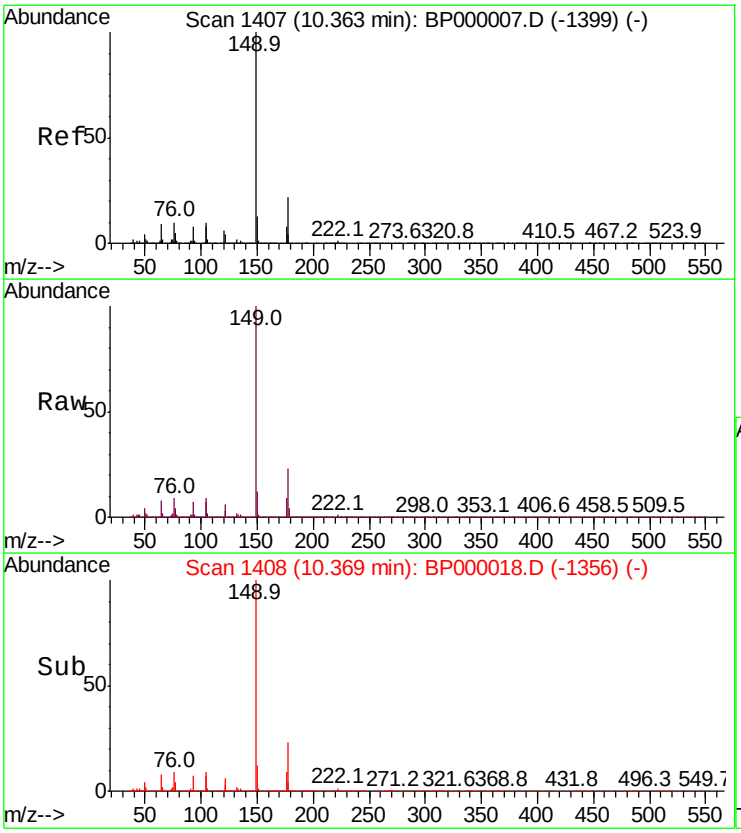

#59
2,3,4,6-Tetrachlorophenol
Concen: 4.170 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:232 Resp: 160743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 48.7 | 39.3 | 58.9 |
| 130 | 2.7 | 2.1 | 3.1 |
| 166 | 33.3 | 26.5 | 39.7 |

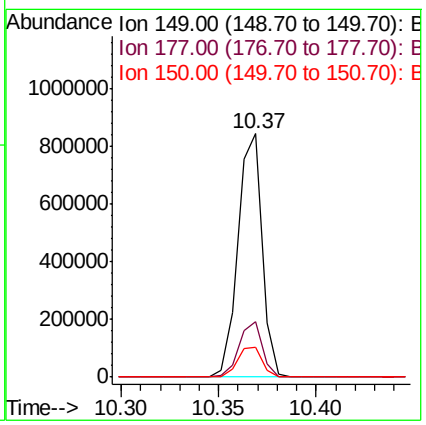


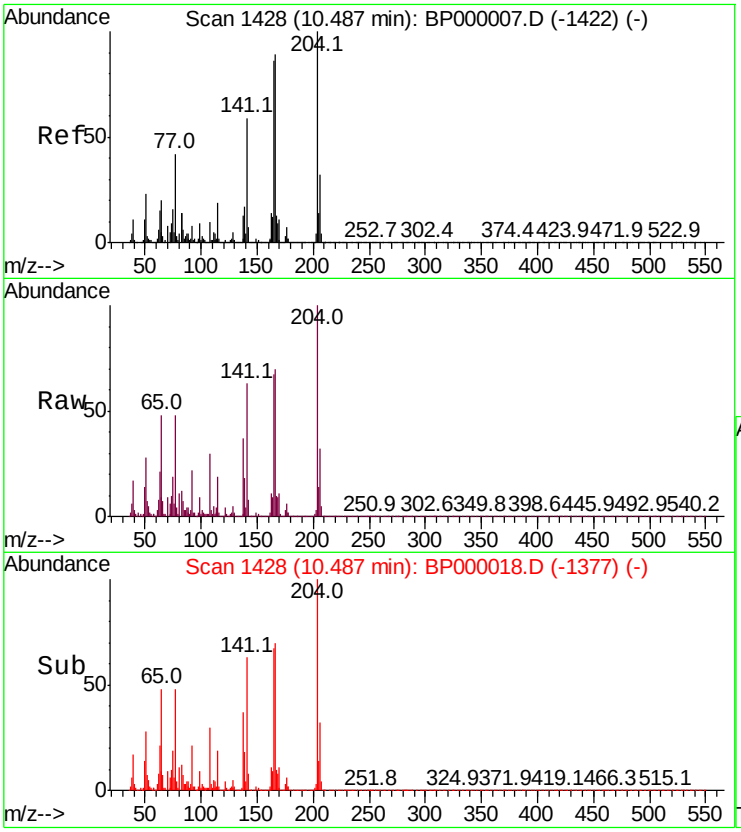




#60
Diethylphthalate
Concen: 4.259 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:149 Resp: 724179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.6 | 17.3 | 25.9 |
| 150 | 12.1 | 10.3 | 15.5 |



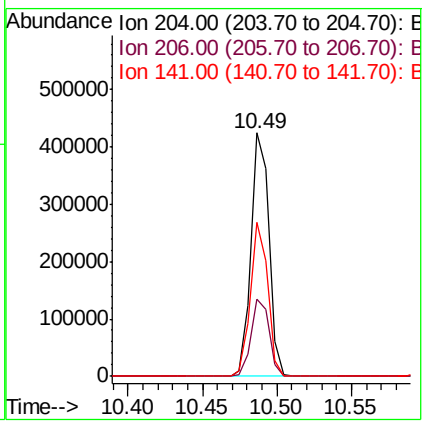


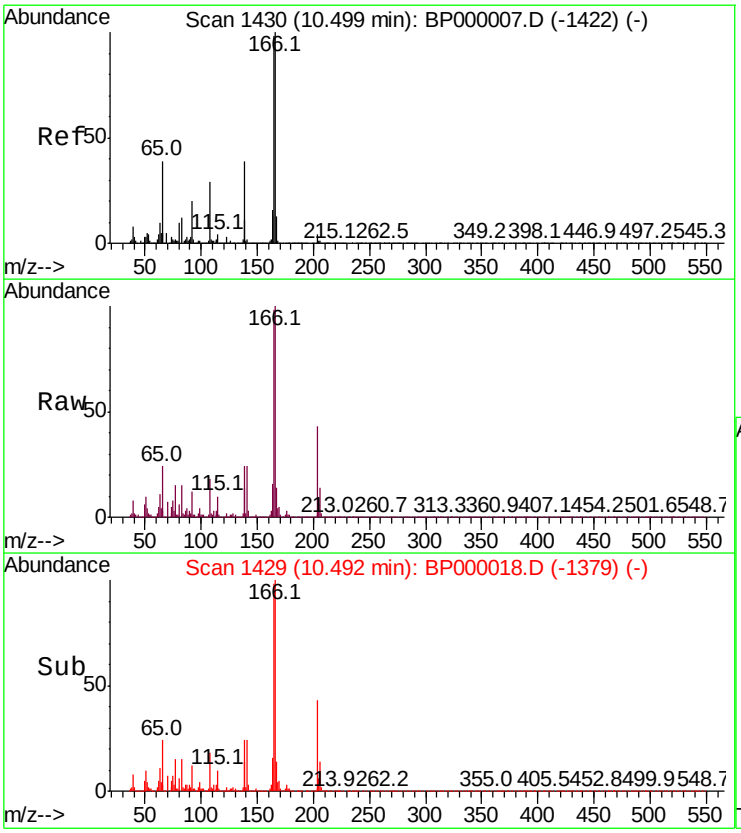

#61
4-Chlorophenyl-phenylether
Concen: 4.598 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:204 Resp: 347339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 31.8 | 26.0 | 39.0 |
| 141 | 63.2 | 47.6 | 71.4 |

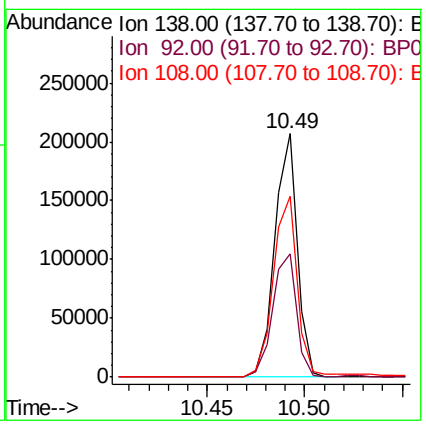


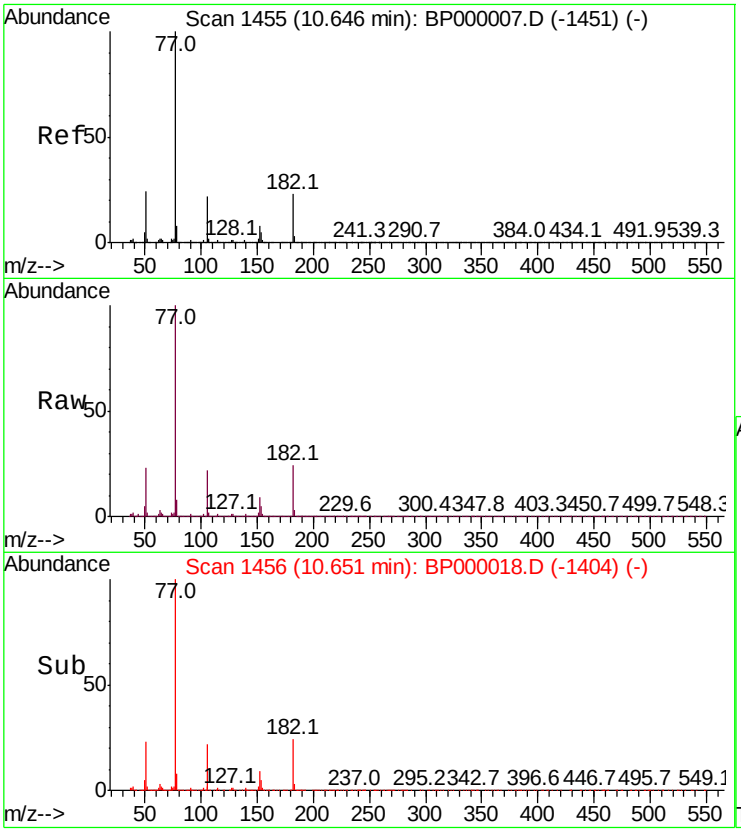




#62
4-Nitroaniline
Concen: 4.052 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:138 Resp: 166461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 50.8 | 32.8 | 72.8 |
| 108 | 74.1 | 55.7 | 95.7 |



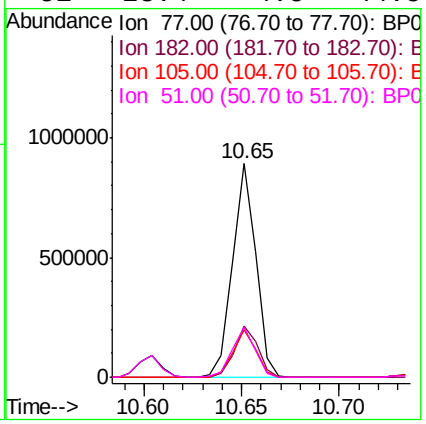


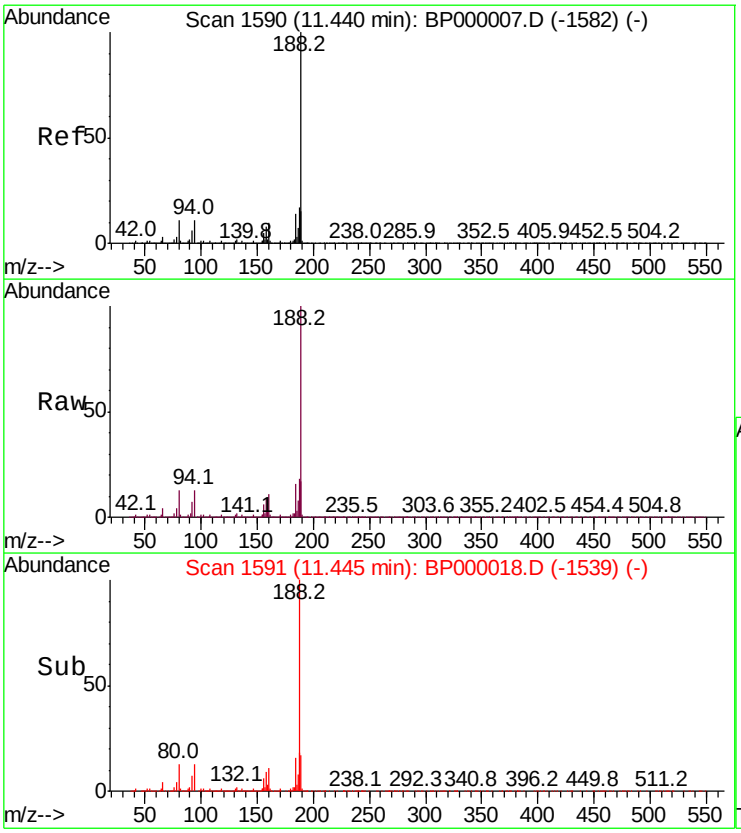

#63
Azobenzene
Concen: 4.517 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion: 77 Resp: 735459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 24.1 | 2.6 | 42.6 |
| 105 | 22.1 | 2.3 | 42.3 |
| 51 | 23.4 | 4.5 | 44.5 |

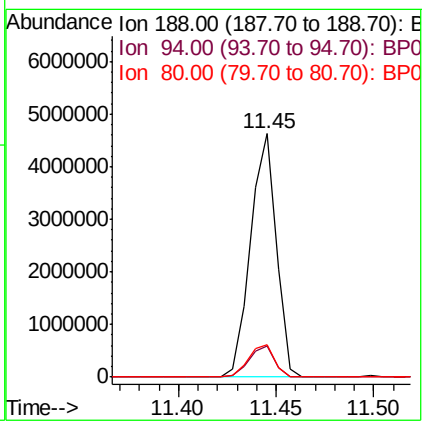


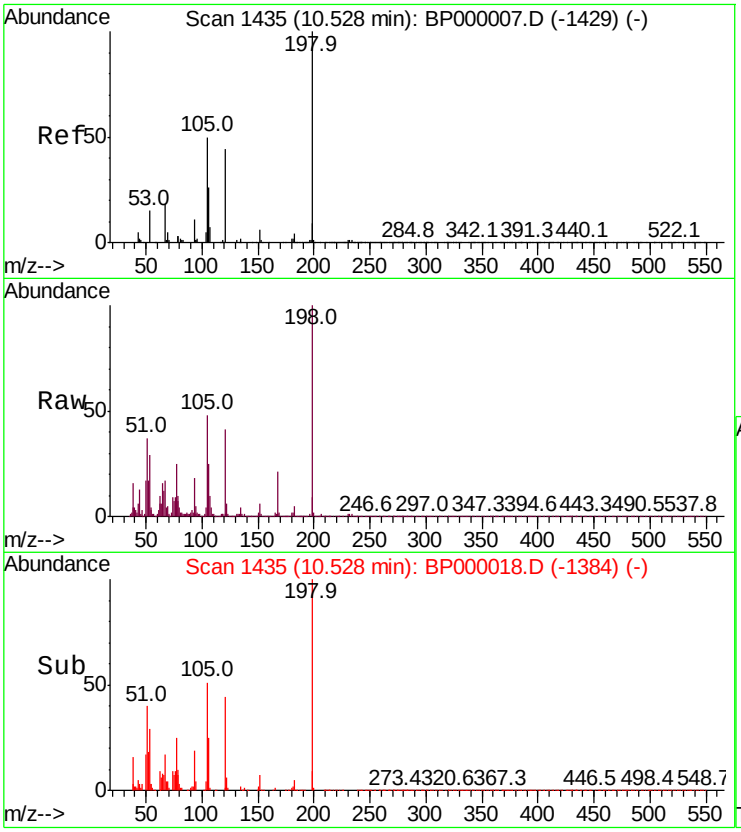




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:188 Resp: 4221974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 12.8 | 8.8 | 13.2 |
| 80 | 13.1 | 9.0 | 13.6 |



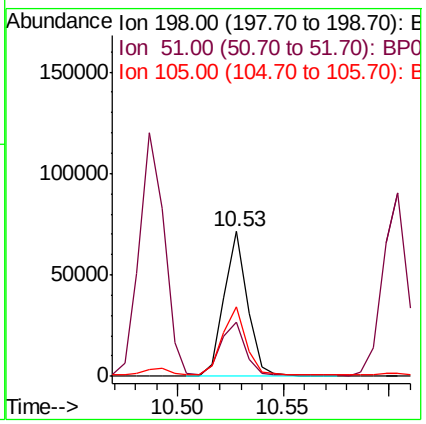


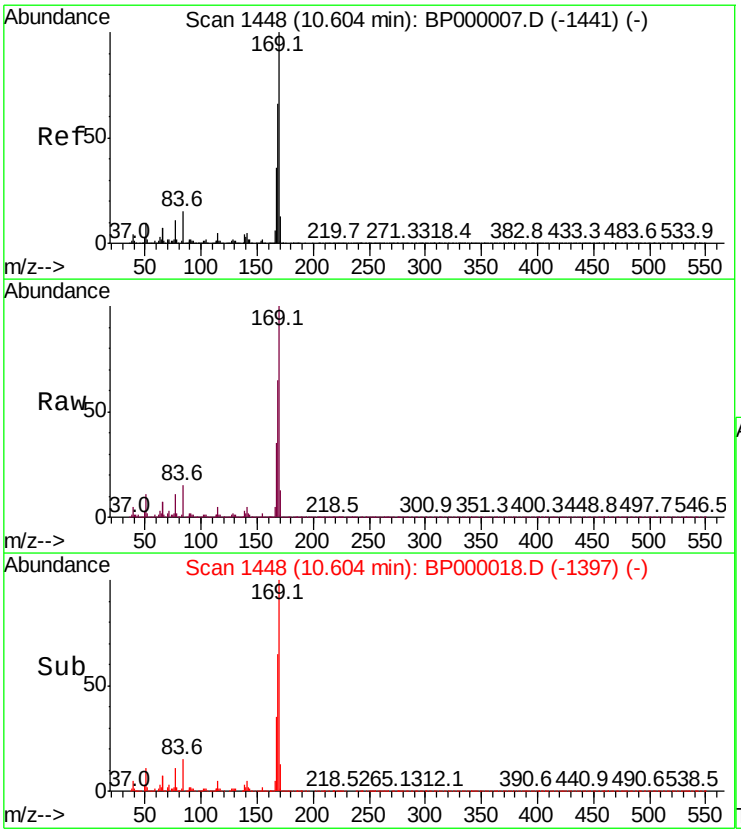

#65
4,6-Dinitro-2-methylphenol
Concen: 10.541 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:198 Resp: 54538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 37.3 | 22.1 | 62.1 |
| 105 | 47.9 | 32.0 | 72.0 |

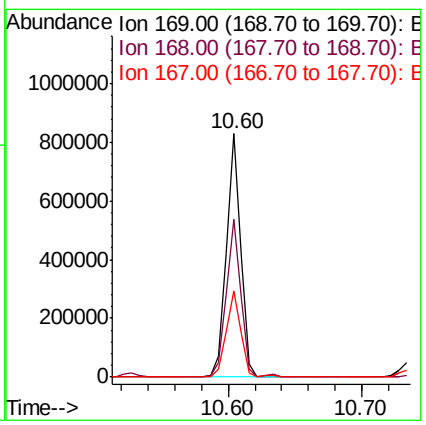


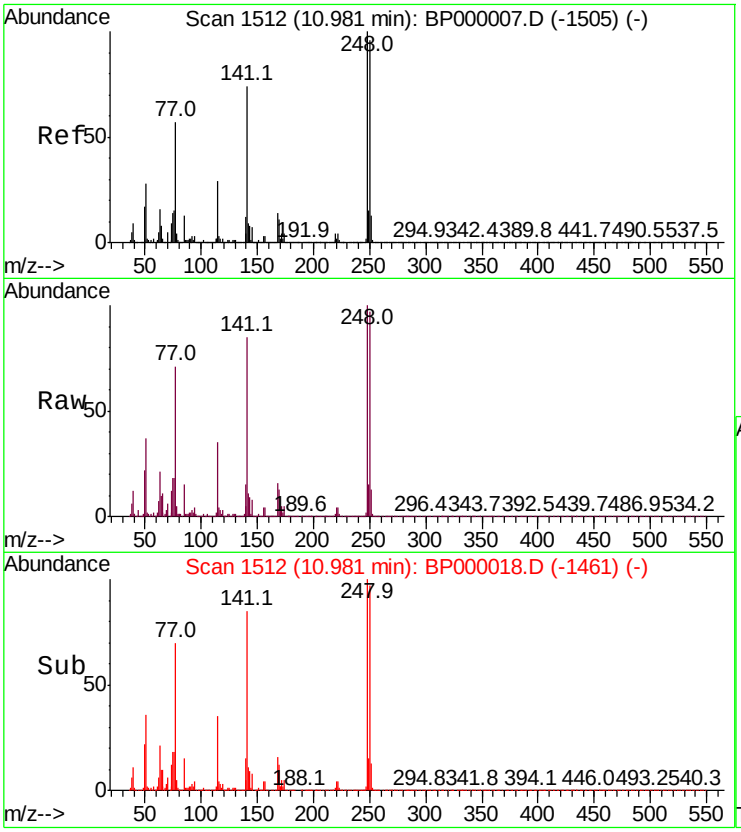




#66
n-Nitrosodiphenylamine
Concen: 5.023 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:169 Resp: 630019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 64.7 | 52.9 | 79.3 |
| 167 | 35.4 | 29.2 | 43.8 |



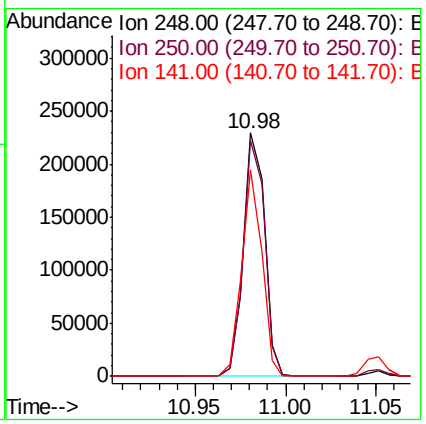


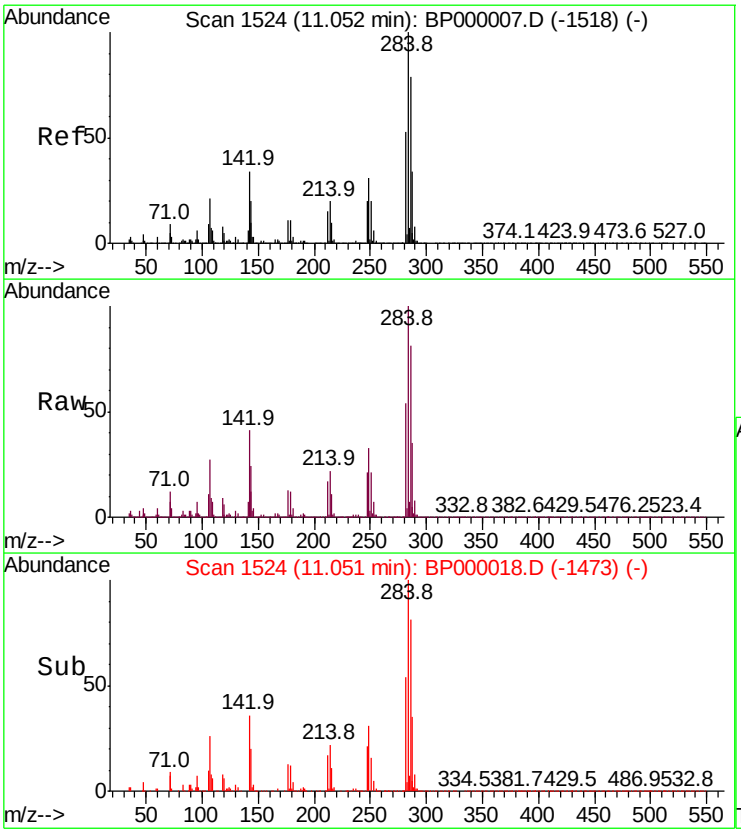

#67
4-Bromophenyl-phenylether
Concen: 4.356 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:248 Resp: 186923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.8 | 77.1 | 115.7 |
| 141 | 84.9 | 59.5 | 89.3 |

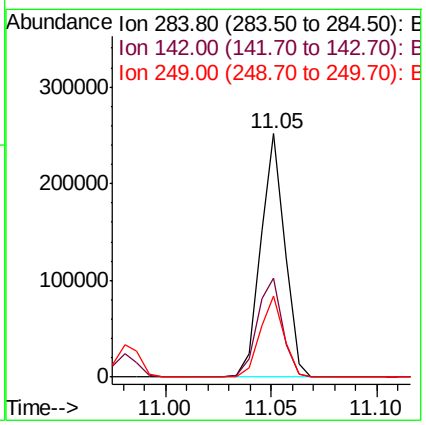


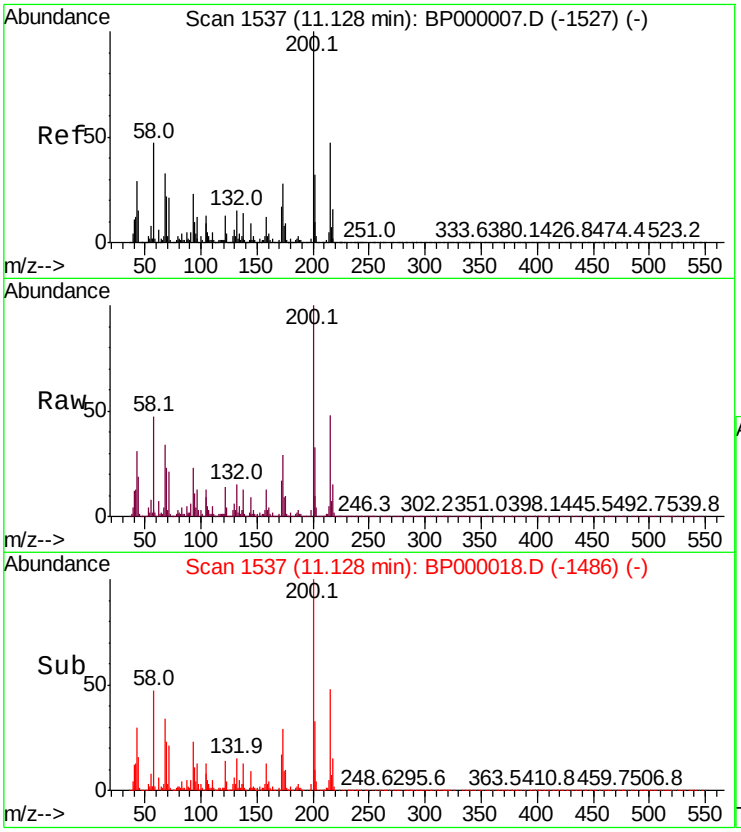




#68
Hexachlorobenzene
Concen: 4.261 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:284 Resp: 199199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 40.7 | 27.0 | 40.4# |
| 249 | 33.0 | 24.9 | 37.3 |



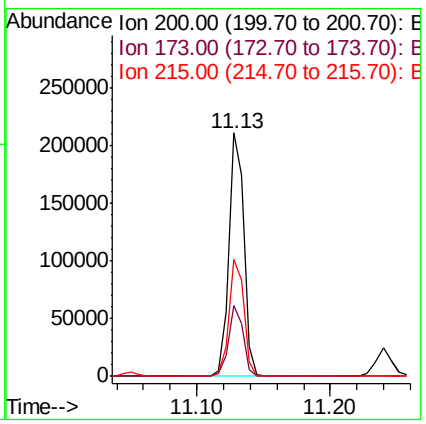


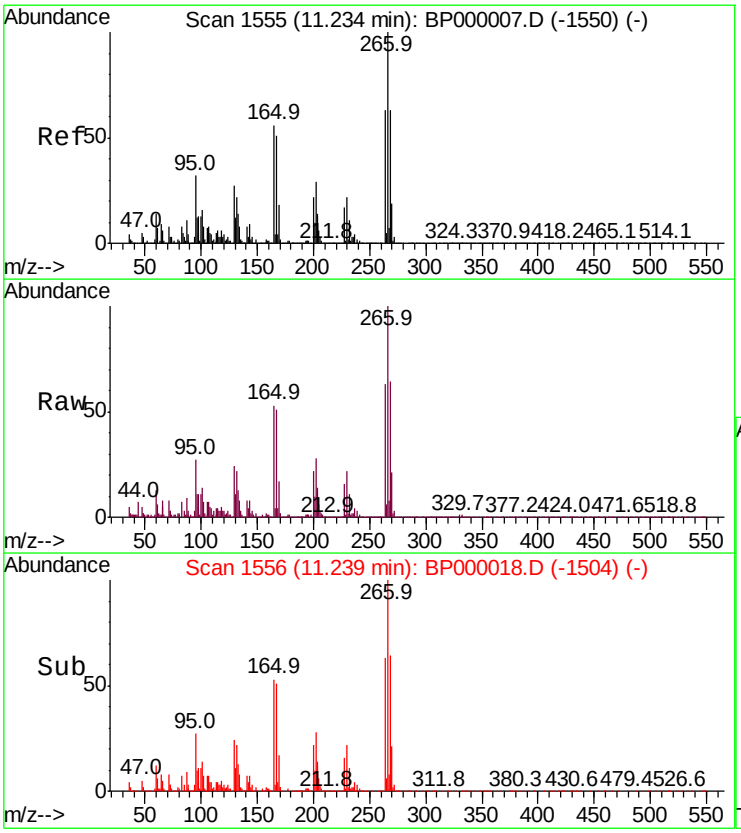

#69
Atrazine
Concen: Below Cal
RT: 11.13 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:200 Resp: 168118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 29.0 | 8.1 | 48.1 |
| 215 | 48.1 | 26.7 | 66.7 |

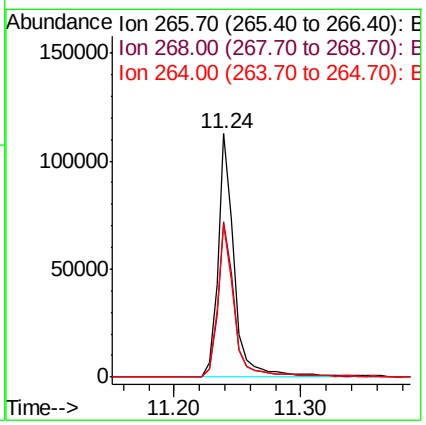


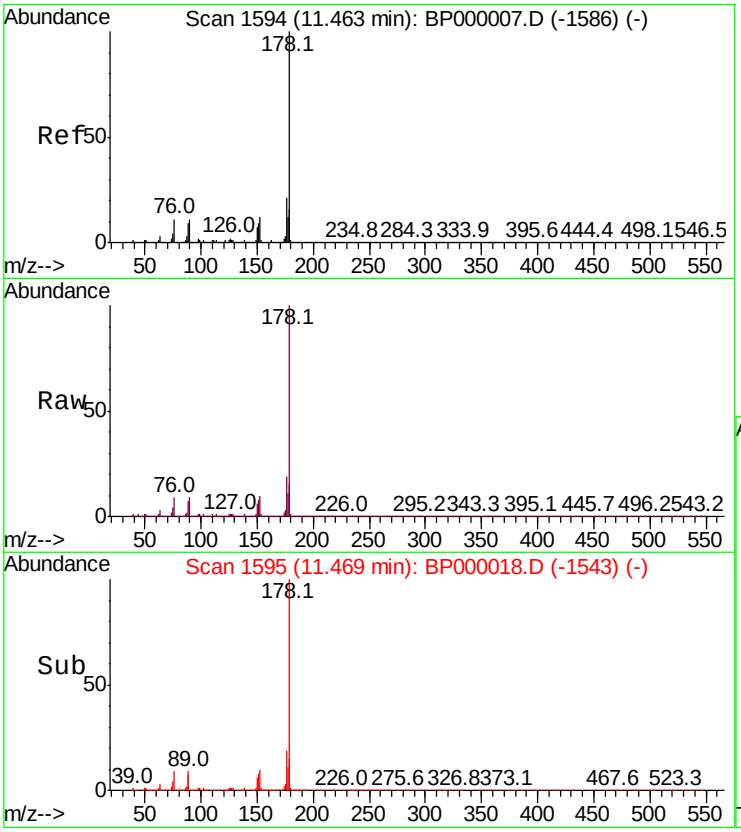




#70
Pentachlorophenol
Concen: 3.985 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:266 Resp: 100937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.0 | 50.1 | 75.1 |
| 264 | 62.5 | 50.6 | 76.0 |



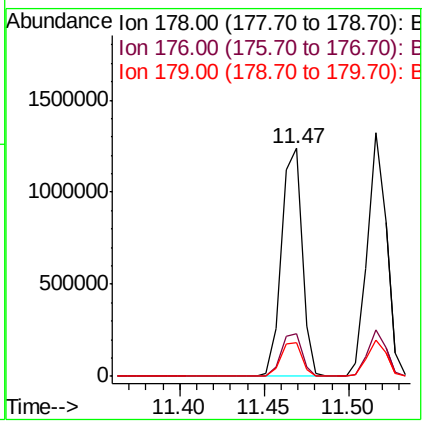


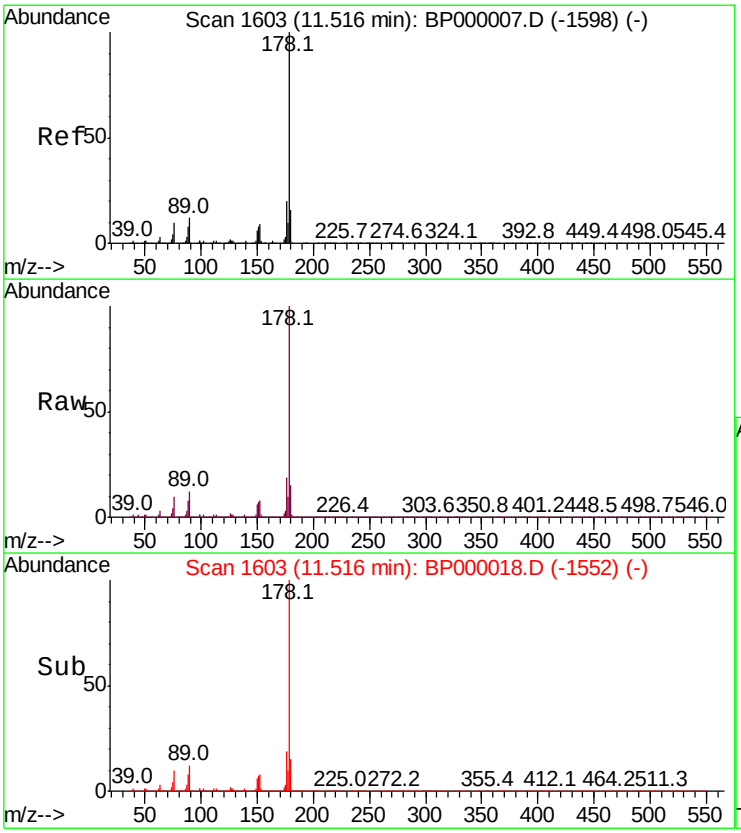

#71
Phenanthrene
Concen: 4.908 ng
RT: 11.47 min Scan# 1595
Delta R.T. 0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:178 Resp: 1032836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.9 | 16.7 | 25.1 |
| 179 | 14.9 | 13.1 | 19.7 |

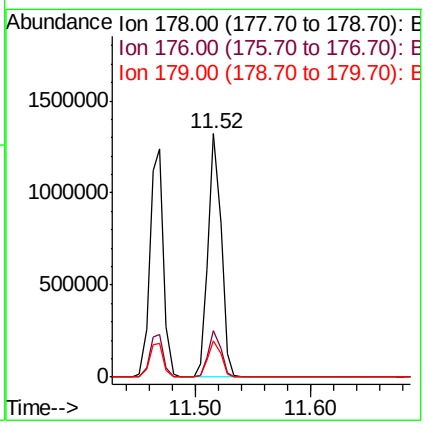


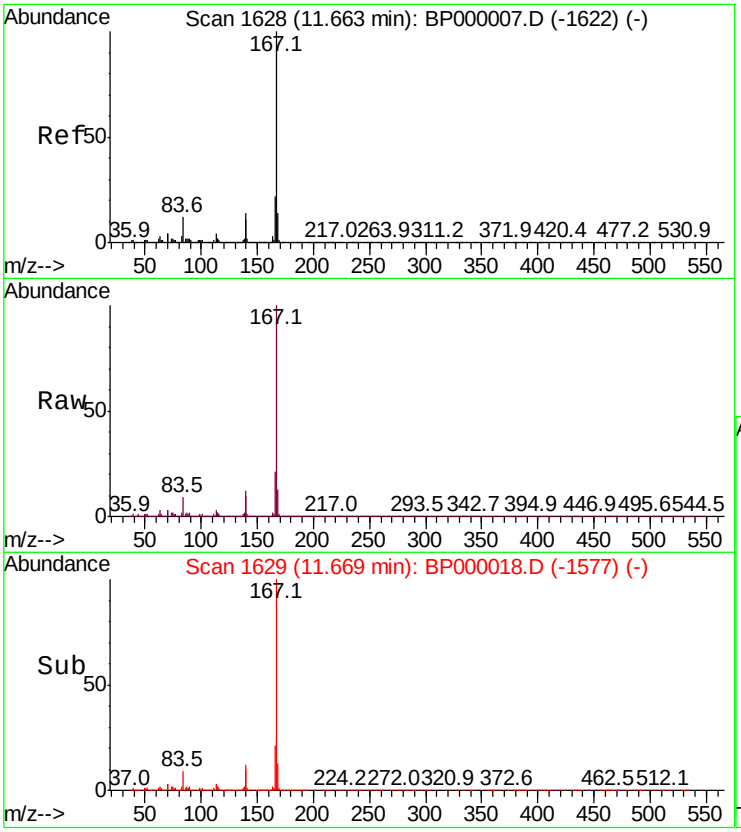




#72
Anthracene
Concen: 5.029 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:178 Resp: 1045303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.9 | 15.9 | 23.9 |
| 179 | 15.0 | 13.0 | 19.6 |



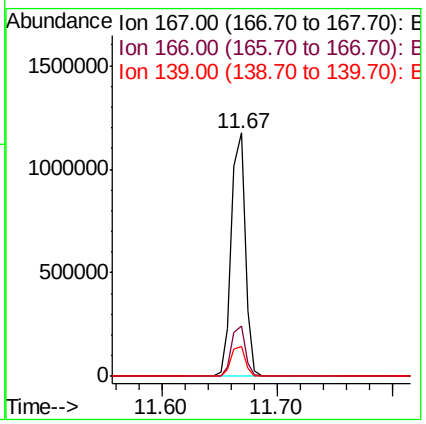


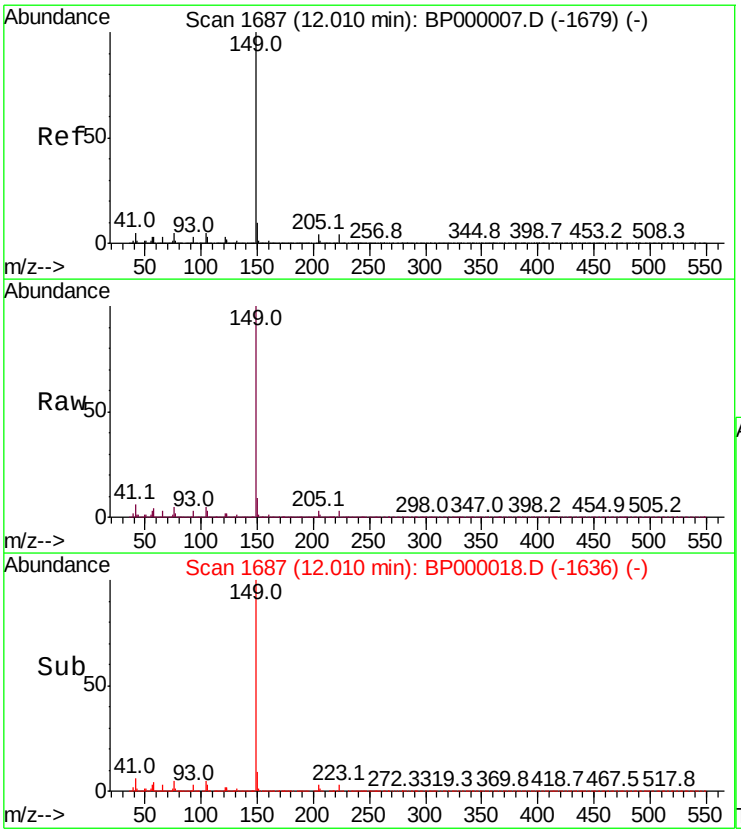

#73
Carbazole
Concen: 5.033 ng
RT: 11.67 min Scan# 1629
Delta R.T. 0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:167 Resp: 987593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 20.9 | 17.9 | 26.9 |
| 139 | 12.4 | 11.4 | 17.2 |

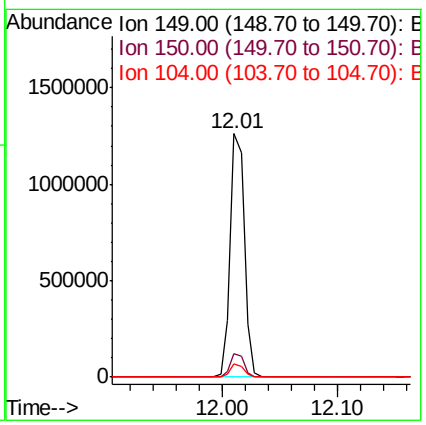


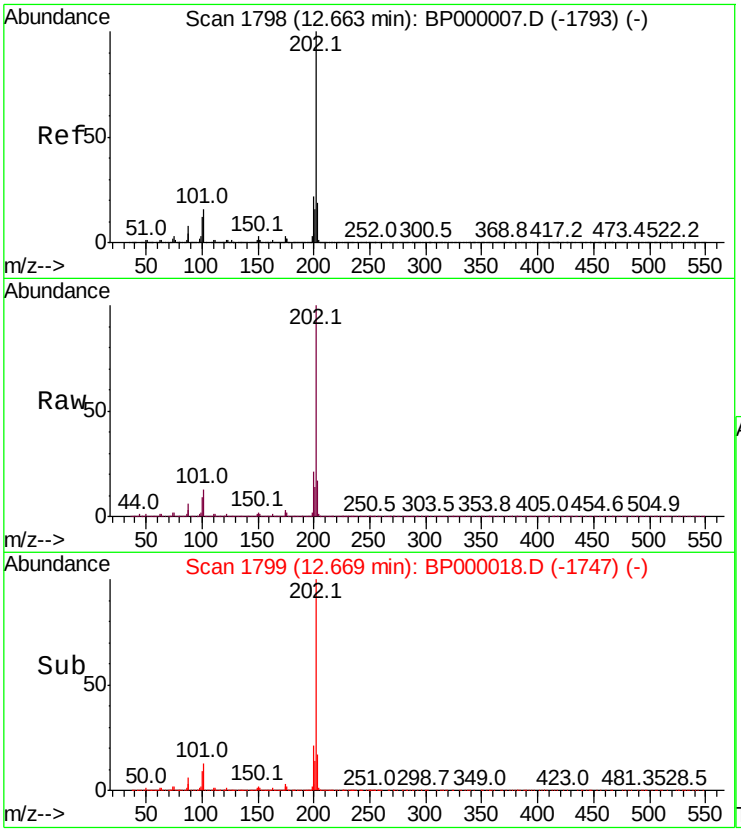




#74
Di-n-butylphthalate
Concen: 4.526 ng
RT: 12.01 min Scan# 1687
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:149 Resp: 1076932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.4 | 8.0 | 12.0 |
| 104 | 5.2 | 4.4 | 6.6 |



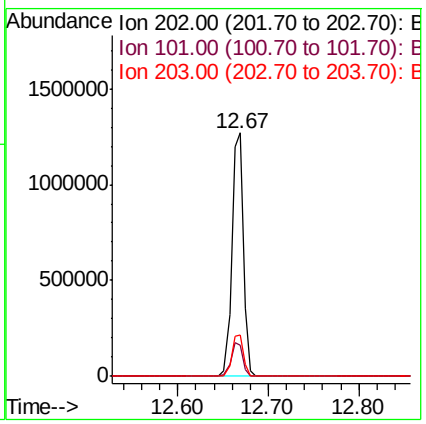


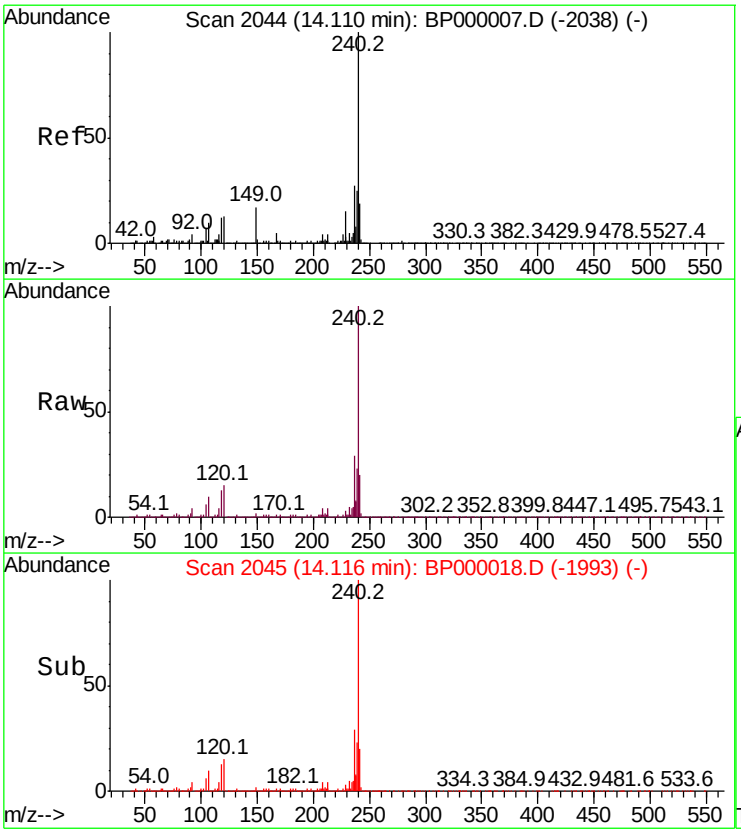

#75
Fluoranthene
Concen: 4.978 ng
RT: 12.67 min Scan# 1799
Delta R.T. 0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:202 Resp: 1138348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.7 | 0.0 | 36.4 |
| 203 | 17.1 | 0.0 | 38.7 |

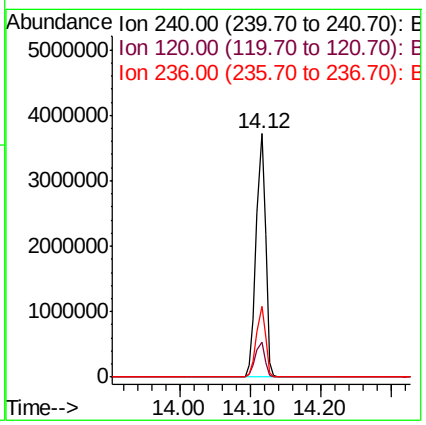


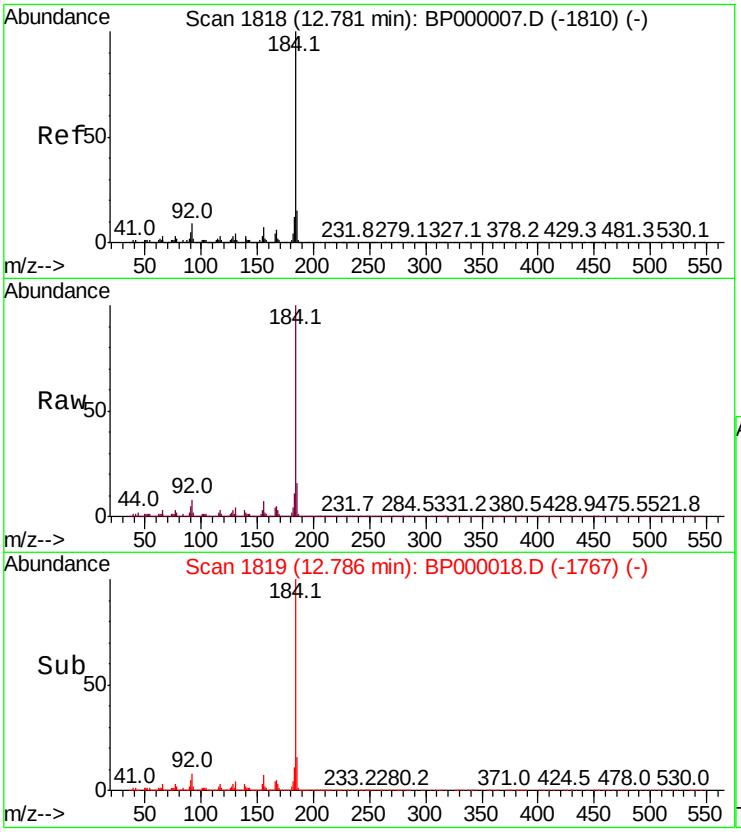




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2045
Delta R.T. 0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:240 Resp: 3455453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 14.6 | 10.5 | 15.7 |
| 236 | 28.8 | 21.5 | 32.3 |



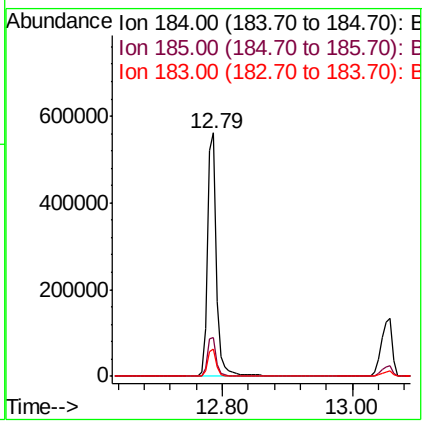


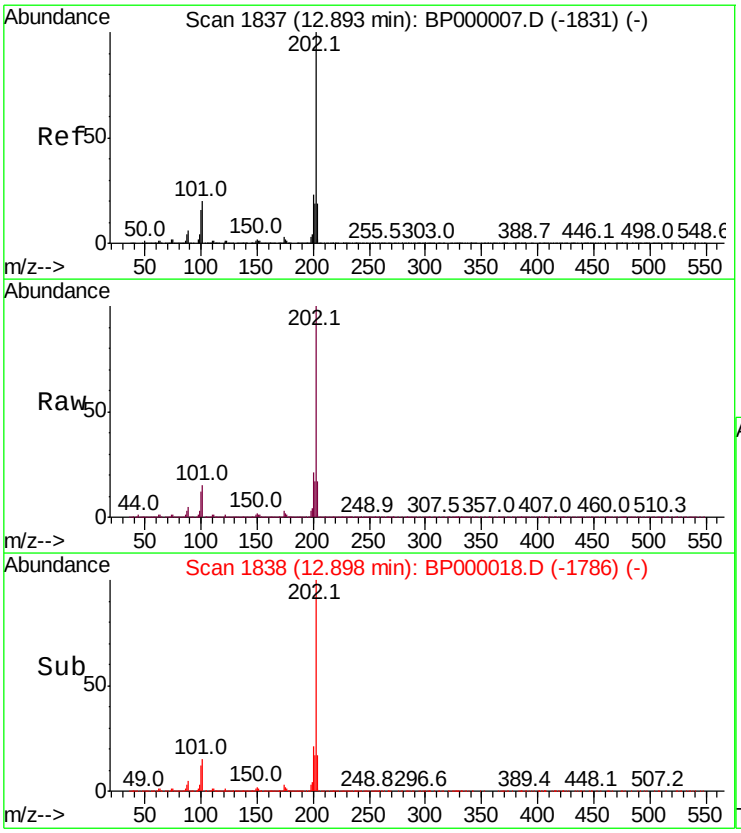

#77
Benzidine
Concen: 4.487 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:184 Resp: 534916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.9 | 11.8 | 17.8 |
| 183 | 11.4 | 9.4 | 14.0 |

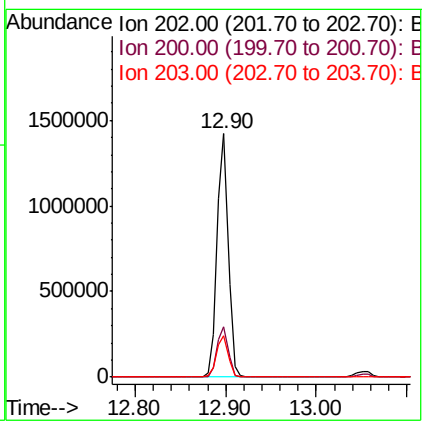


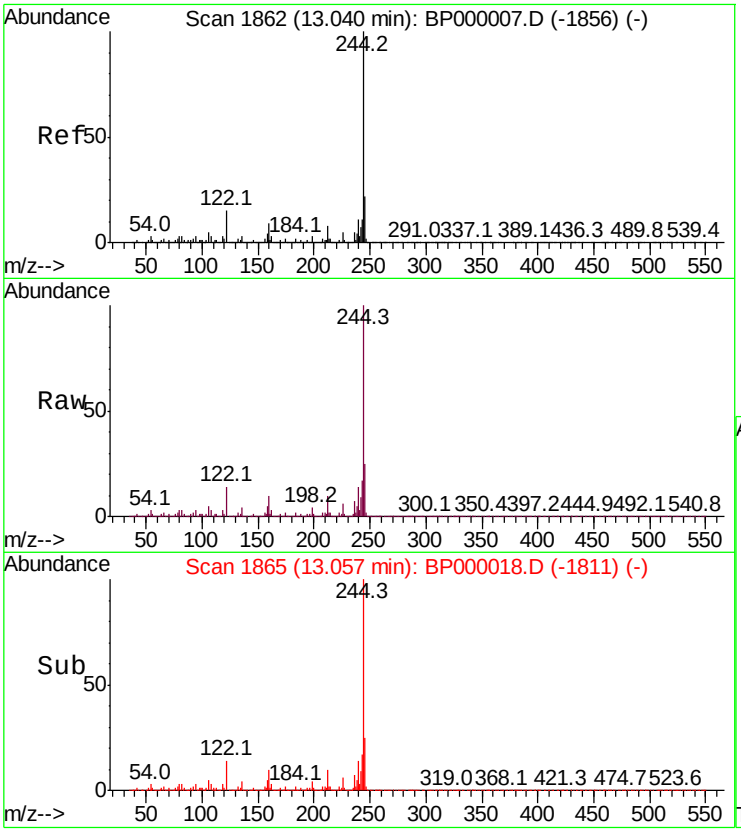




#78
Pyrene
Concen: 4.671 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:202 Resp: 1187413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.8 | 18.5 | 27.7 |
| 203 | 17.2 | 15.1 | 22.7 |



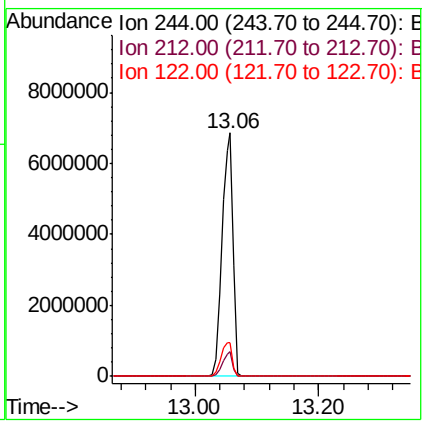


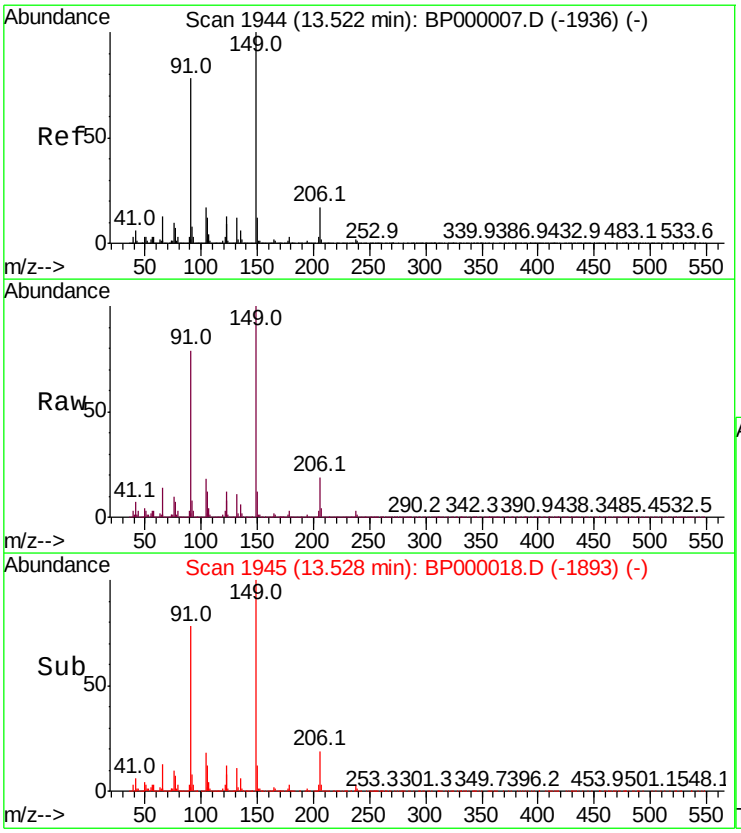

#79
Terphenyl-d14
Concen: 54.410 ng
RT: 13.06 min Scan# 1865
Delta R.T. 0.02 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:244 Resp: 8625856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 10.0 | 6.6 | 10.0# |
| 122 | 13.7 | 12.3 | 18.5 |

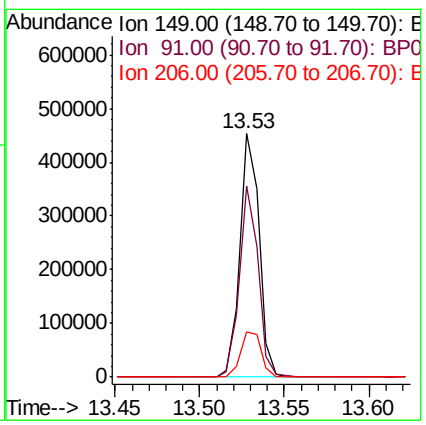


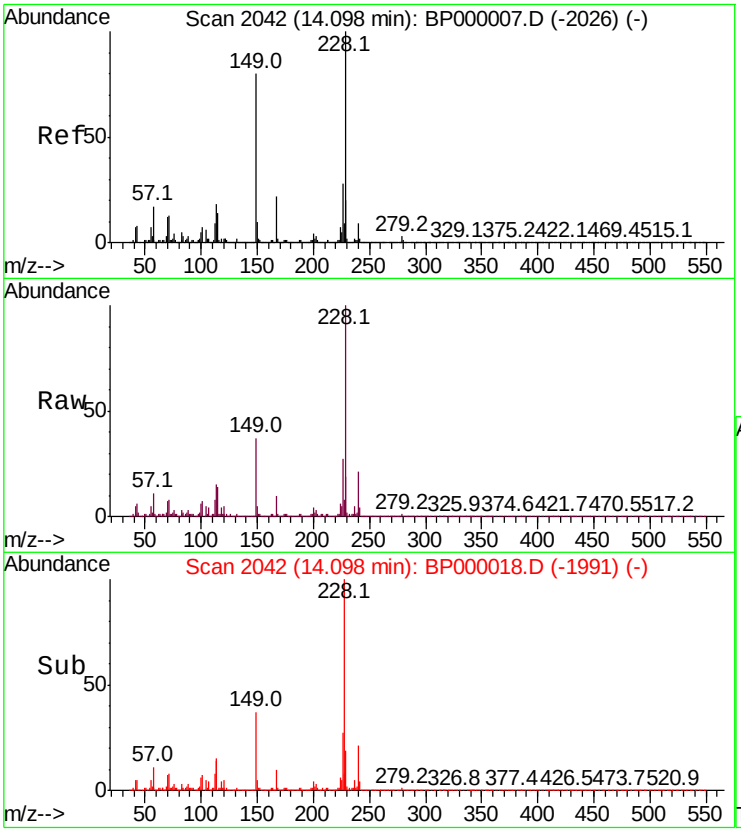




#80
Butylbenzylphthalate
Concen: 3.163 ng
RT: 13.53 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:149 Resp: 358247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 78.5 | 62.7 | 94.1 |
| 206 | 18.7 | 13.8 | 20.6 |



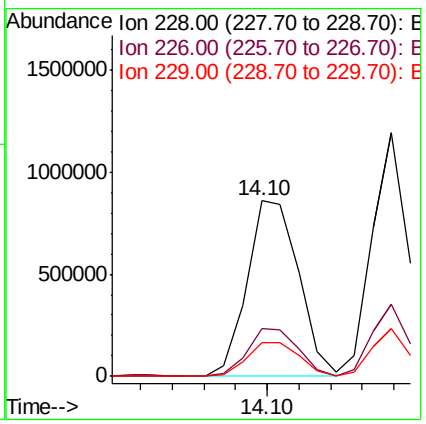


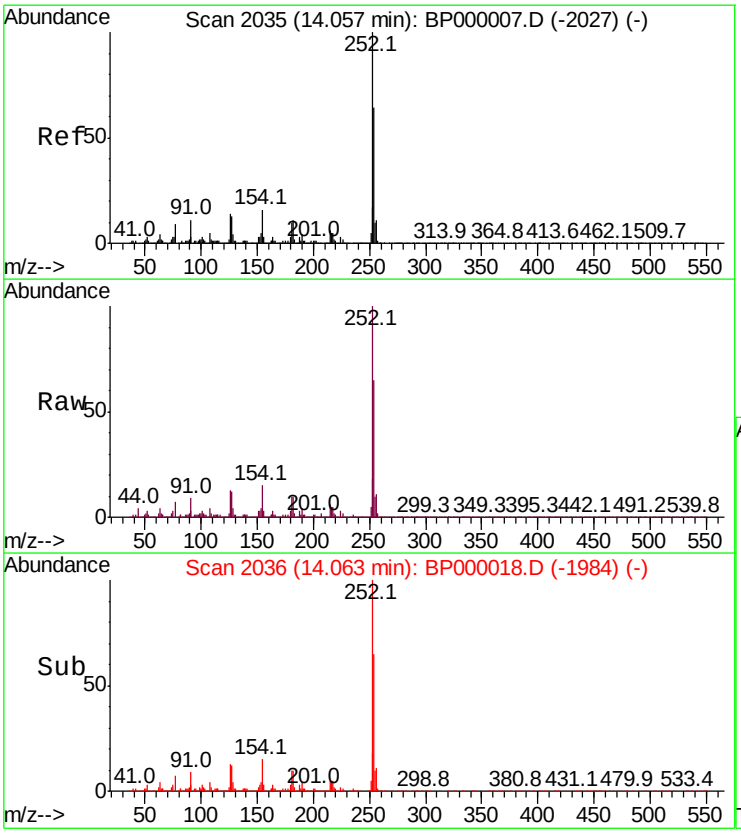

#81
Benzo(a)anthracene
Concen: 4.330 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:228 Resp: 969490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.1 | 22.5 | 33.7 |
| 229 | 19.3 | 16.2 | 24.2 |

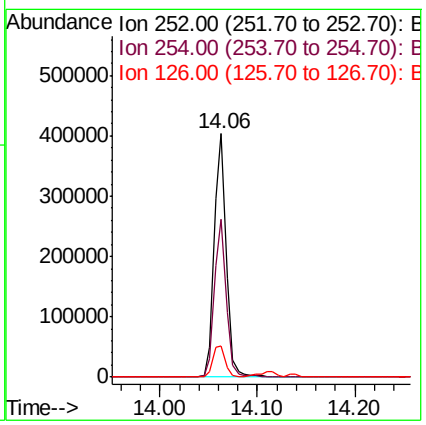


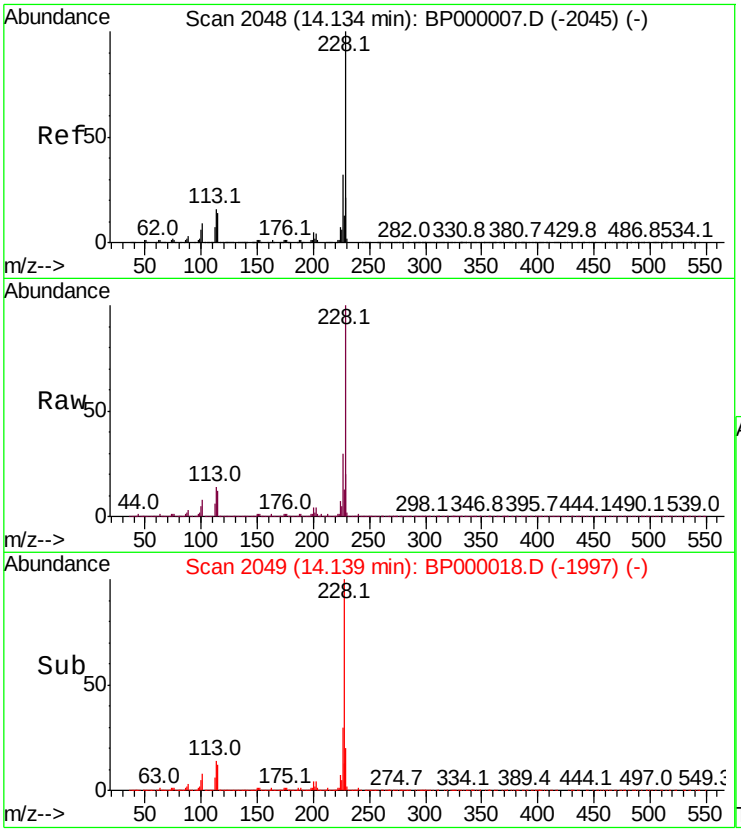




#82
3,3'-Dichlorobenzidine
Concen: 4.144 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:252 Resp: 342292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.7 | 51.4 | 77.0 |
| 126 | 13.0 | 11.1 | 16.7 |



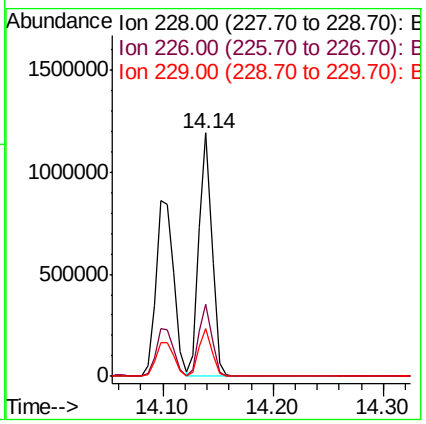


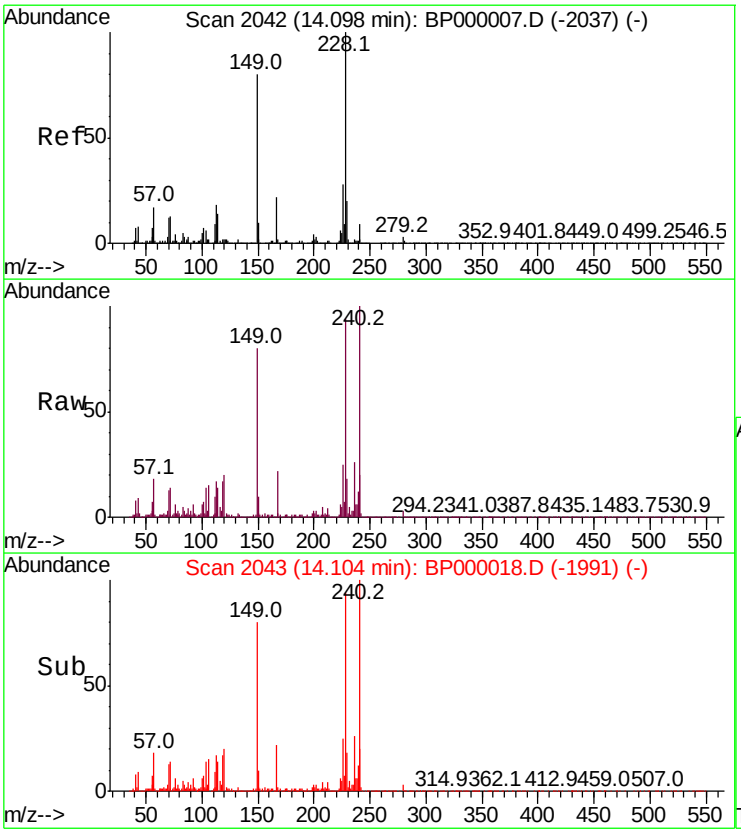

#83
Chrysene
Concen: 4.444 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:228 Resp: 941168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.7 | 25.5 | 38.3 |
| 229 | 19.7 | 16.5 | 24.7 |

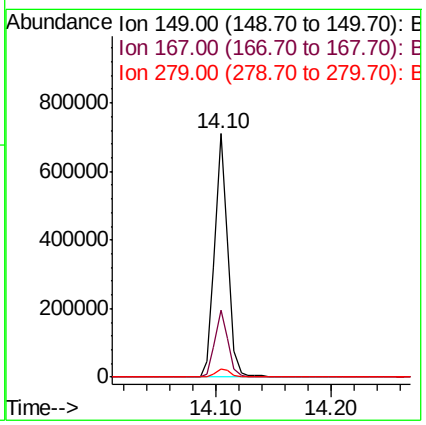


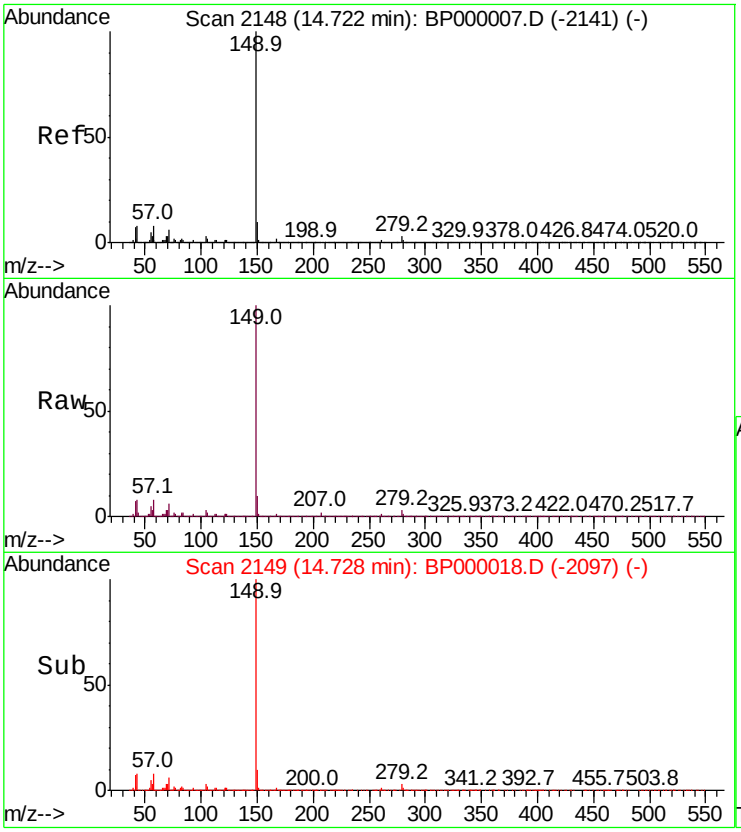




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.777 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:149 Resp: 556664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.3 | 22.4 | 33.6 |
| 279 | 3.4 | 3.1 | 4.7 |



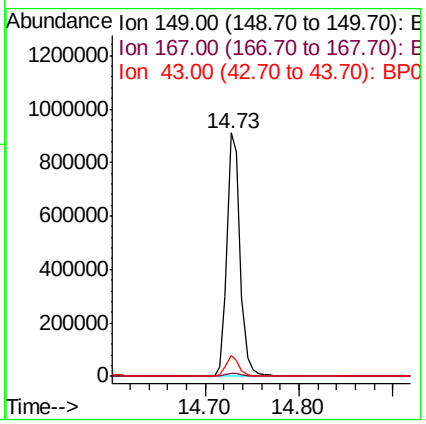


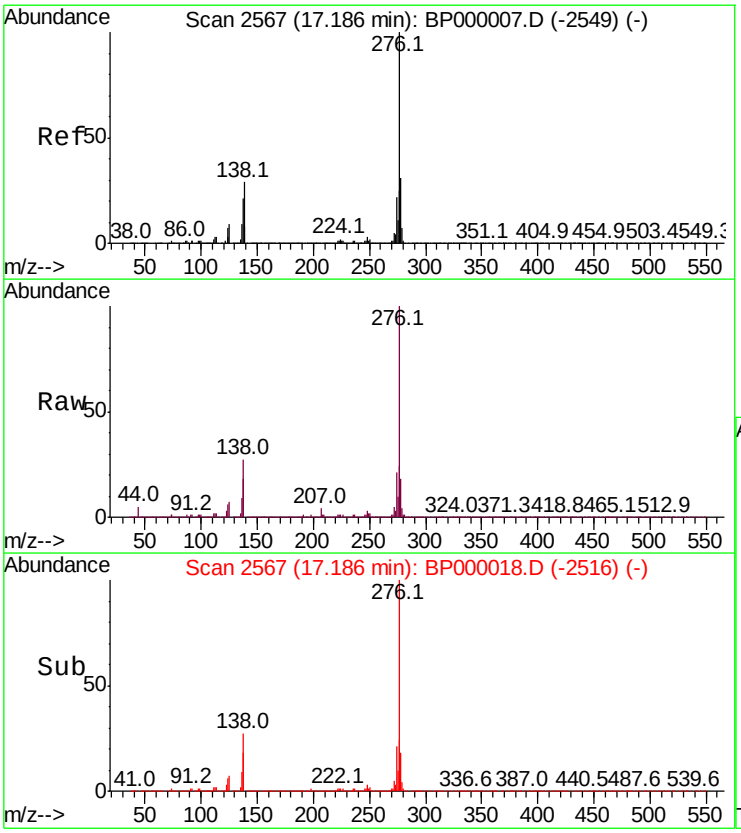

#85
Di-n-octyl phthalate
Concen: 3.397 ng
RT: 14.73 min Scan# 2149
Delta R.T. 0.01 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:149 Resp: 882433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.3 | 1.9 |
| 43 | 7.9 | 6.5 | 9.7 |

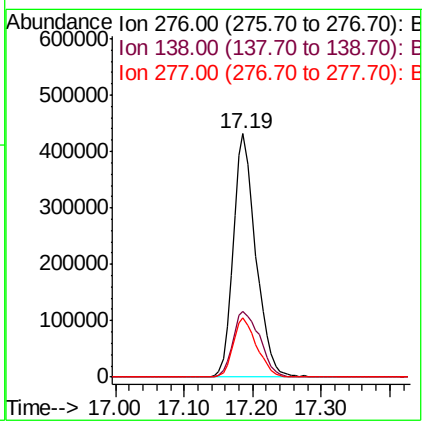


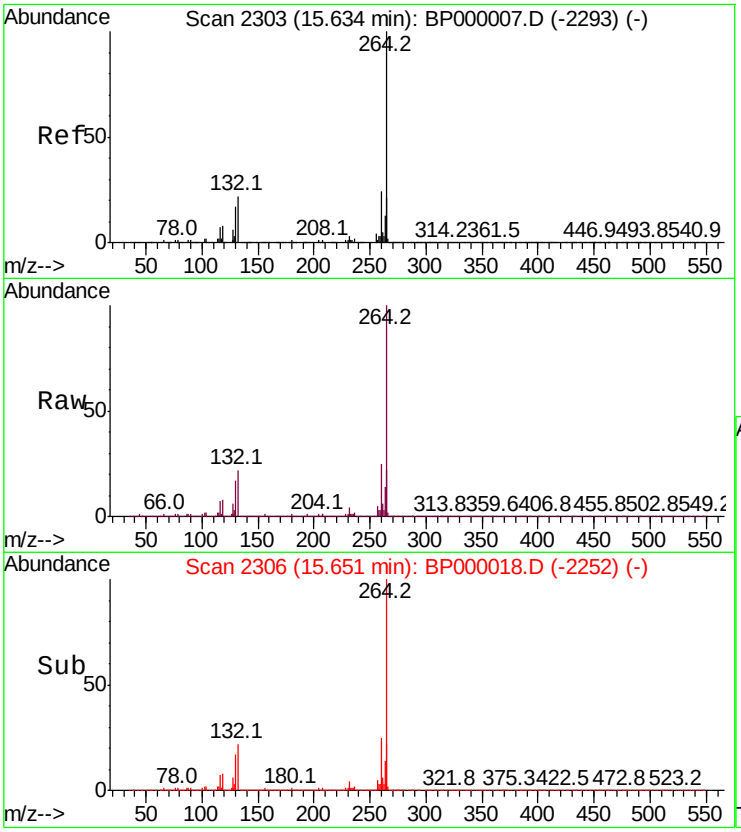




#86
Indeno(1,2,3-cd)pyrene
Concen: 3.694 ng
RT: 17.19 min Scan# 2567
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:276 Resp: 980288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 32.1 | 26.5 | 39.7 |
| 277 | 25.4 | 20.3 | 30.5 |



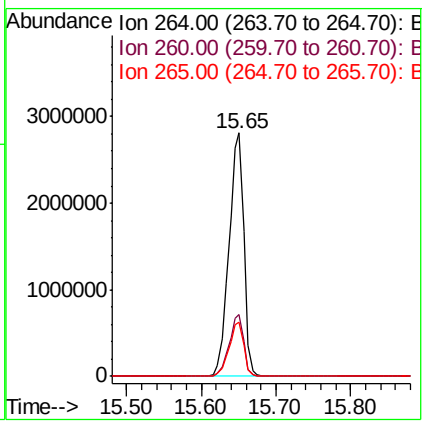


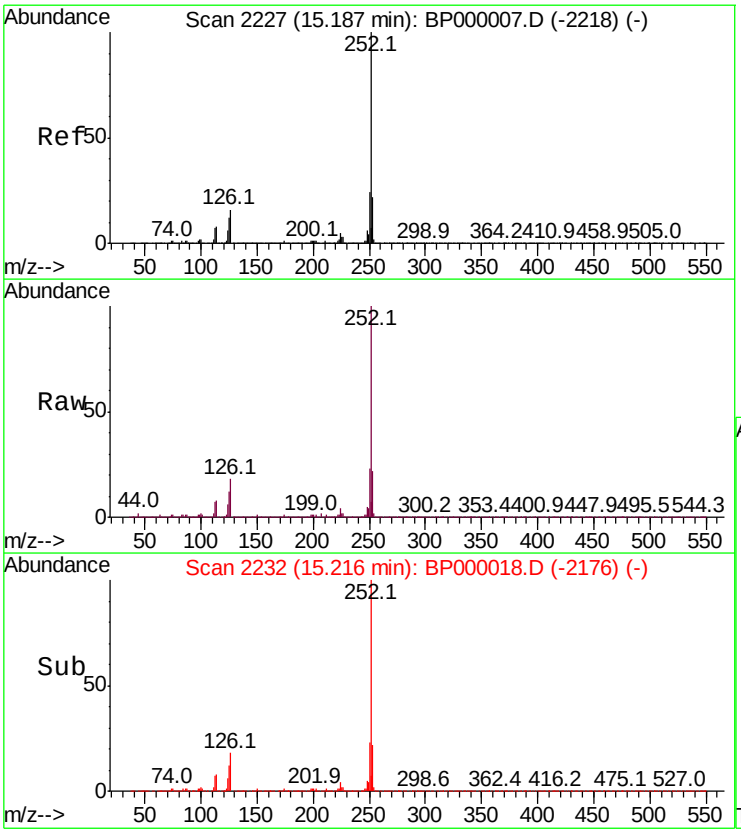

#87
Perylene-d12
Concen: 20.000 ng
RT: 15.65 min Scan# 2306
Delta R.T. 0.02 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:264 Resp: 3929176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.2 | 19.1 | 28.7 |
| 265 | 22.2 | 17.1 | 25.7 |

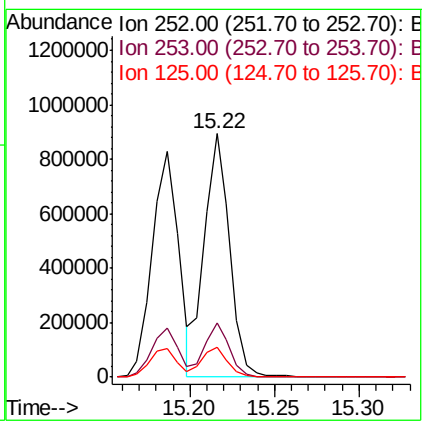


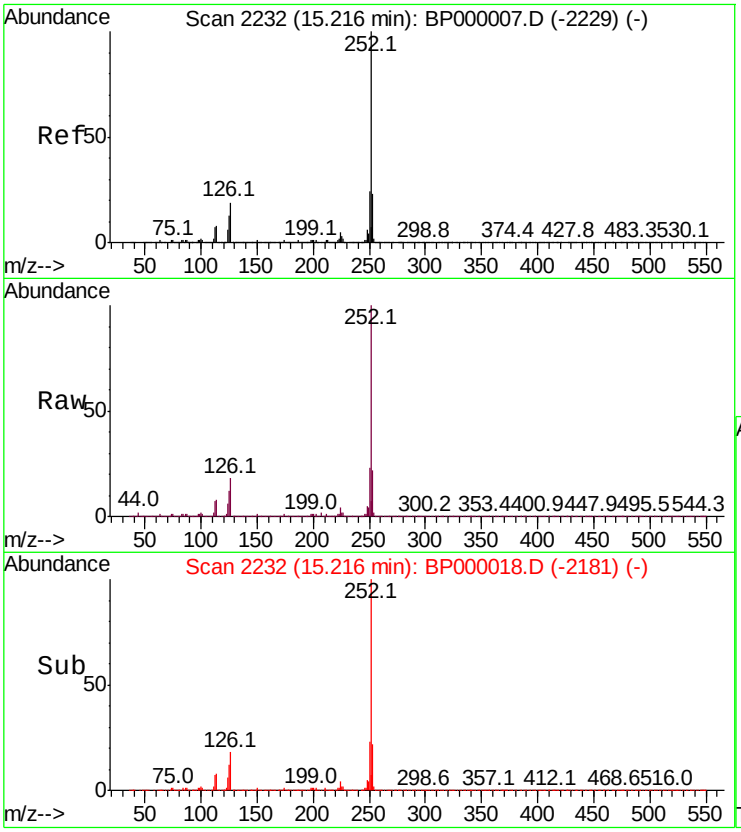




#88
Benzo(b)fluoranthene
Concen: 3.881 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.03 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:252 Resp: 931350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.8 | 26.6 |
| 125 | 12.2 | 9.4 | 14.2 |



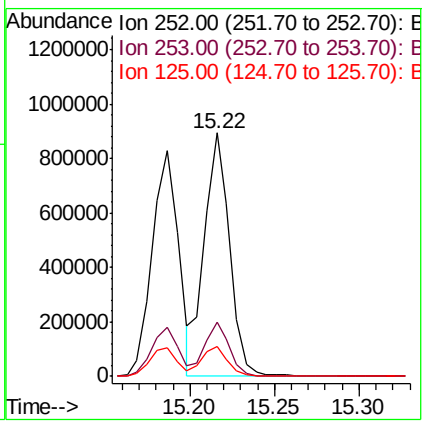


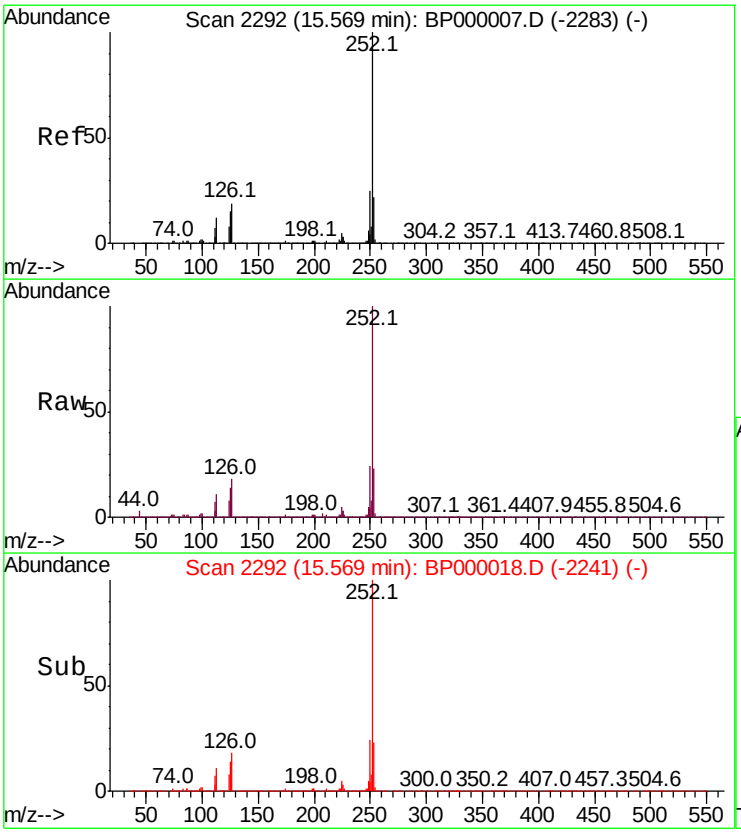

#89
Benzo(k)fluoranthene
Concen: 4.241 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:252 Resp: 931350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 18.0 | 27.0 |
| 125 | 12.2 | 10.3 | 15.5 |

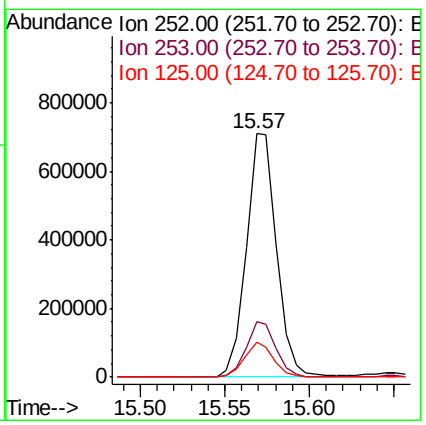


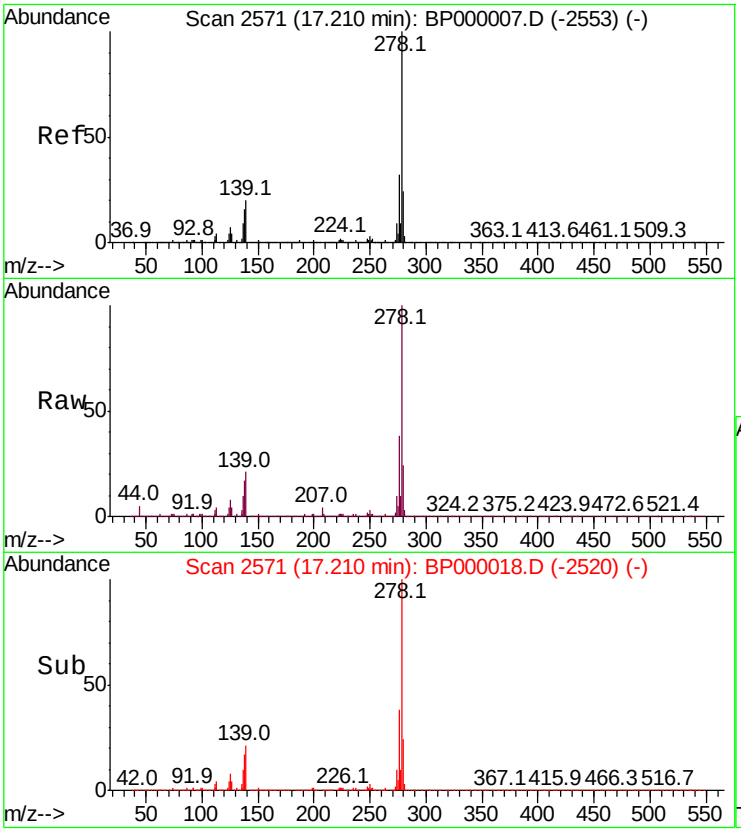




#90
Benzo(a)pyrene
Concen: 4.064 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:252 Resp: 880433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.6 | 17.5 | 26.3 |
| 125 | 14.3 | 11.7 | 17.5 |



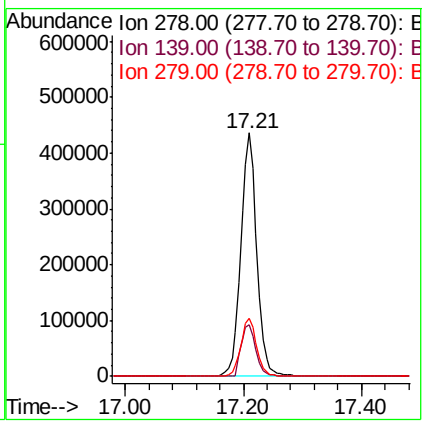


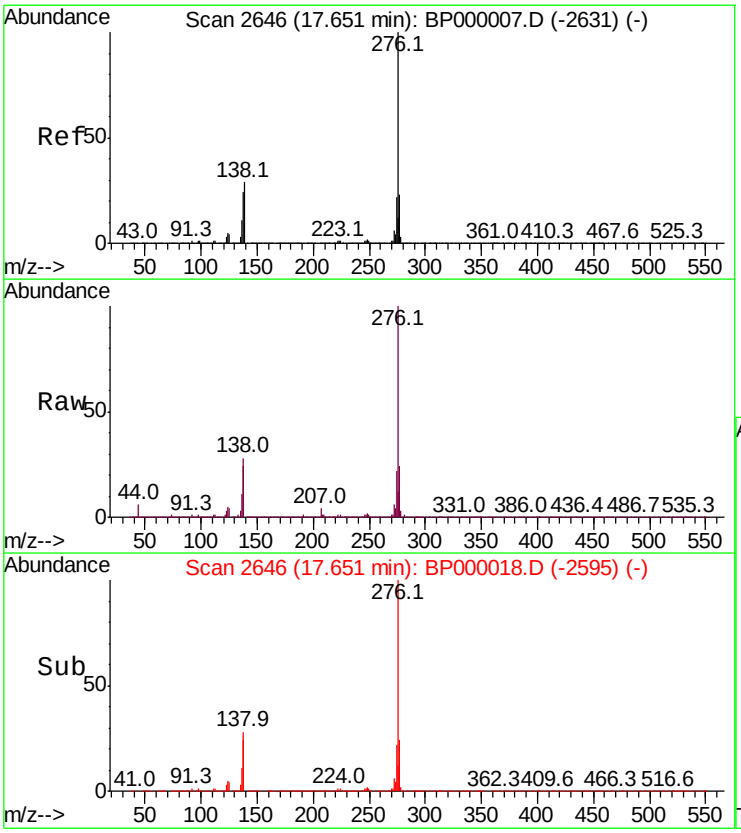

#91
Dibenzo(a,h)anthracene
Concen: 3.803 ng
RT: 17.21 min Scan# 2571
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

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

Tgt Ion:278 Resp: 824001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 21.0 | 16.4 | 24.6 |
| 279 | 23.7 | 19.2 | 28.8 |




#92
Benzo(g,h,i)perylene
Concen: 3.800 ng
RT: 17.65 min Scan# 2646
Delta R.T. -0.00 min
Lab File: BP000018.D
Acq: 30 Aug 2019 22:49

Tgt Ion:276 Resp: 814836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.8 | 18.6 | 28.0 |
| 138 | 28.3 | 23.0 | 34.4 |