Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122718\
Data File : BM018402.D
Acq On : 27 Dec 2018 18:41
Operator : JU/SJ
Sample : J6569-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** 381128115-4

Quant Time: Dec 28 04:04:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 27 14:18:47 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.78 | 152 | 306967 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.57 | 136 | 1422257 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.43 | 164 | 857315 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.17 | 188 | 2019948 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.37 | 240 | 2295110 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 23.66 | 264 | 2502782 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.36 | 112 | 115355 | 7.08 | ng | 0.00 |
| 7) Phenol-d6 | 6.93 | 99 | 121951 | 5.39 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.95 | 82 | 441375 | 17.81 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.92 | 330 | 304932 | 27.99 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.04 | 172 | 1367419 | 21.60 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.81 | 244 | 3975255 | 36.91 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.34 | 88 | 1915 | 0.289 | ng | # 51 |
| 3) Pyridine | 3.66 | 79 | 574 | 0.031 | ng | # 1 |
| 4) n-Nitrosodimethylamine | 3.62 | 42 | 364 | 0.049 | ng | # 1 |
| 6) Aniline | 7.12 | 93 | 1484 | 0.053 | ng | # 41 |
| 8) 2-Chlorophenol | 7.33 | 128 | 898 | 0.046 | ng | # 73 |
| 9) Benzaldehyde | 6.93 | 77 | 3746 | 0.236 | ng | # 63 |
| 10) Phenol | 6.96 | 94 | 1343 | 0.058 | ng | # 48 |
| 11) bis(2-Chloroethyl)ether | 7.22 | 93 | 1424 | 0.079 | ng | # 58 |
| 12) 1,3-Dichlorobenzene | 7.67 | 146 | 406 | 0.018 | ng | # 16 |
| 13) 1,4-Dichlorobenzene | 7.82 | 146 | 507 | 0.022 | ng | # 61 |
| 14) 1,2-Dichlorobenzene | 8.13 | 146 | 489 | 0.021 | ng | # 24 |
| 15) Benzyl Alcohol | 8.04 | 79 | 1295 | 0.074 | ng | # 50 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.30 | 45 | 1139 | 0.039 | ng | # 1 |
| 17) 2-Methylphenol | 8.22 | 107 | 1106 | 0.067 | ng | # 51 |
| 18) Hexachloroethane | 8.88 | 117 | 12846 | 1.536 | ng | # 13 |
| 19) n-Nitroso-di-n-propylamine | 8.56 | 70 | 2261 | 0.131 | ng | # 68 |
| 20) 3+4-Methylphenols | 8.53 | 107 | 1221 | 0.055 | ng | # 33 |
| 22) Acetophenone | 8.60 | 105 | 11469 | 0.318 | ng | # 92 |
| 24) Nitrobenzene | 8.99 | 77 | 1980 | 0.081 | ng | # 71 |
| 25) Isophorone | 9.50 | 82 | 1941 | 0.045 | ng | # 64 |
| 26) 2-Nitrophenol | 9.69 | 139 | 118 | 7.955 | ng | # 34 |
| 27) 2,4-Dimethylphenol | 9.75 | 122 | 1949 | 0.109 | ng | 90 |
| 28) bis(2-Chloroethoxy)methane | 9.99 | 93 | 1076 | 0.040 | ng | # 1 |
| 29) 2,4-Dichlorophenol | 10.22 | 162 | 859 | 0.044 | ng | # 65 |
| 30) 1,2,4-Trichlorobenzene | 10.43 | 180 | 511 | 0.021 | ng | # 12 |
| 31) Naphthalene | 10.63 | 128 | 3994 | 0.058 | ng | # 78 |
| 33) 4-Chloroaniline | 10.75 | 127 | 1405 | 0.045 | ng | # 47 |
| 36) 4-Chloro-3-methylphenol | 11.85 | 107 | 1945 | 0.087 | ng | # 55 |
| 37) 2-Methylnaphthalene | 12.24 | 142 | 901 | 0.018 | ng | 88 |
| 38) 1-Methylnaphthalene | 12.46 | 142 | 1108 | 0.023 | ng | # 83 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.60 | 216 | 430 | 0.016 | ng | # 54 |
| 43) 2,4,6-Trichlorophenol | 12.85 | 196 | 751 | 0.049 | ng | # 64 |
| 44) 2,4,5-Trichlorophenol | 12.91 | 196 | 540 | 0.032 | ng | # 37 |
| 46) 1,1'-Biphenyl | 13.26 | 154 | 3796 | 0.052 | ng | 92 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122718\
Data File : BM018402.D
Acq On : 27 Dec 2018 18:41
Operator : JU/SJ
Sample : J6569-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** 381128115-4

Quant Time: Dec 28 04:04:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 27 14:18:47 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 47) 2-Chloronaphthalene | 13.29 | 162 | 1518 | 0.027 | ng | # | 76 |
| 48) 2-Nitroaniline | 13.51 | 65 | 237 | 0.016 | ng | # | 3 |
| 49) Acenaphthylene | 14.14 | 152 | 2557 | 0.030 | ng | # | 79 |
| 50) Dimethylphthalate | 13.89 | 163 | 1863 | 0.026 | ng | # | 78 |
| 51) 2,6-Dinitrotoluene | 14.02 | 165 | 267 | 0.018 | ng | # | 38 |
| 52) Acenaphthene | 14.49 | 154 | 2123 | 0.041 | ng | | 91 |
| 55) Dibenzofuran | 14.83 | 168 | 147 | 0.002 | ng | # | 1 |
| 56) 4-Nitrophenol | 14.63 | 139 | 137 | 5.675 | ng | # | 14 |
| 57) 2,4-Dinitrotoluene | 14.79 | 165 | 106 | 0.005 | ng | # | 1 |
| 58) Fluorene | 15.47 | 166 | 5982 | 0.090 | ng | | 85 |
| 60) Diethylphthalate | 15.25 | 149 | 22327 | 0.298 | ng | | 94 |
| 61) 4-Chlorophenyl-phenylether | 15.47 | 204 | 684 | 0.019 | ng | # | 53 |
| 62) 4-Nitroaniline | 15.52 | 138 | 1103 | 0.062 | ng | # | 15 |
| 63) Azobenzene | 15.79 | 77 | 5841 | 0.086 | ng | # | 35 |
| 65) 4,6-Dinitro-2-methylphenol | 15.60 | 198 | 114 | 2.487 | ng | # | 1 |
| 66) n-Nitrosodiphenylamine | 15.69 | 169 | 2272 | 0.036 | ng | # | 90 |
| 68) Hexachlorobenzene | 16.47 | 284 | 119 | 0.005 | ng | # | 26 |
| 71) Phenanthrene | 17.22 | 178 | 4677 | 0.044 | ng | # | 87 |
| 72) Anthracene | 17.31 | 178 | 2048 | 0.019 | ng | # | 75 |
| 73) Carbazole | 17.59 | 167 | 2948 | 0.026 | ng | # | 30 |
| 74) Di-n-butylphthalate | 18.14 | 149 | 26202 | 0.206 | ng | | 99 |
| 75) Fluoranthene | 19.24 | 202 | 1999 | 0.016 | ng | # | 1 |
| 77) Benzidine | 19.44 | 184 | 318 | 0.005 | ng | # | 19 |
| 78) Pyrene | 19.60 | 202 | 2831 | 0.021 | ng | # | 61 |
| 80) Butylbenzylphthalate | 20.51 | 149 | 9122 | 6.764 | ng | # | 93 |
| 81) Benzo(a)anthracene | 21.37 | 228 | 8078 | 0.060 | ng | # | 68 |
| 82) 3,3'-Dichlorobenzidine | 21.30 | 252 | 1109 | 0.021 | ng | # | 64 |
| 83) Chrysene | 21.37 | 228 | 8078 | 0.062 | ng | # | 66 |
| 84) Bis(2-ethylhexyl)phthalate | 21.29 | 149 | 84501 | 0.941 | ng | | 98 |
| 85) Di-n-octyl phthalate | 22.23 | 149 | 247569 | 1.668 | ng | # | 40 |
| 88) Benzo(b)fluoranthene | 22.98 | 252 | 2211 | 0.016 | ng | # | 1 |
| 89) Benzo(k)fluoranthene | 23.00 | 252 | 144 | 0.001 | ng | # | 1 |
| 90) Benzo(a)pyrene | 23.56 | 252 | 5408 | 0.040 | ng | # | 1 |
| 92) Benzo(g,h,i)perylene | 26.71 | 276 | 118 | 0.001 | ng | # | 52 |

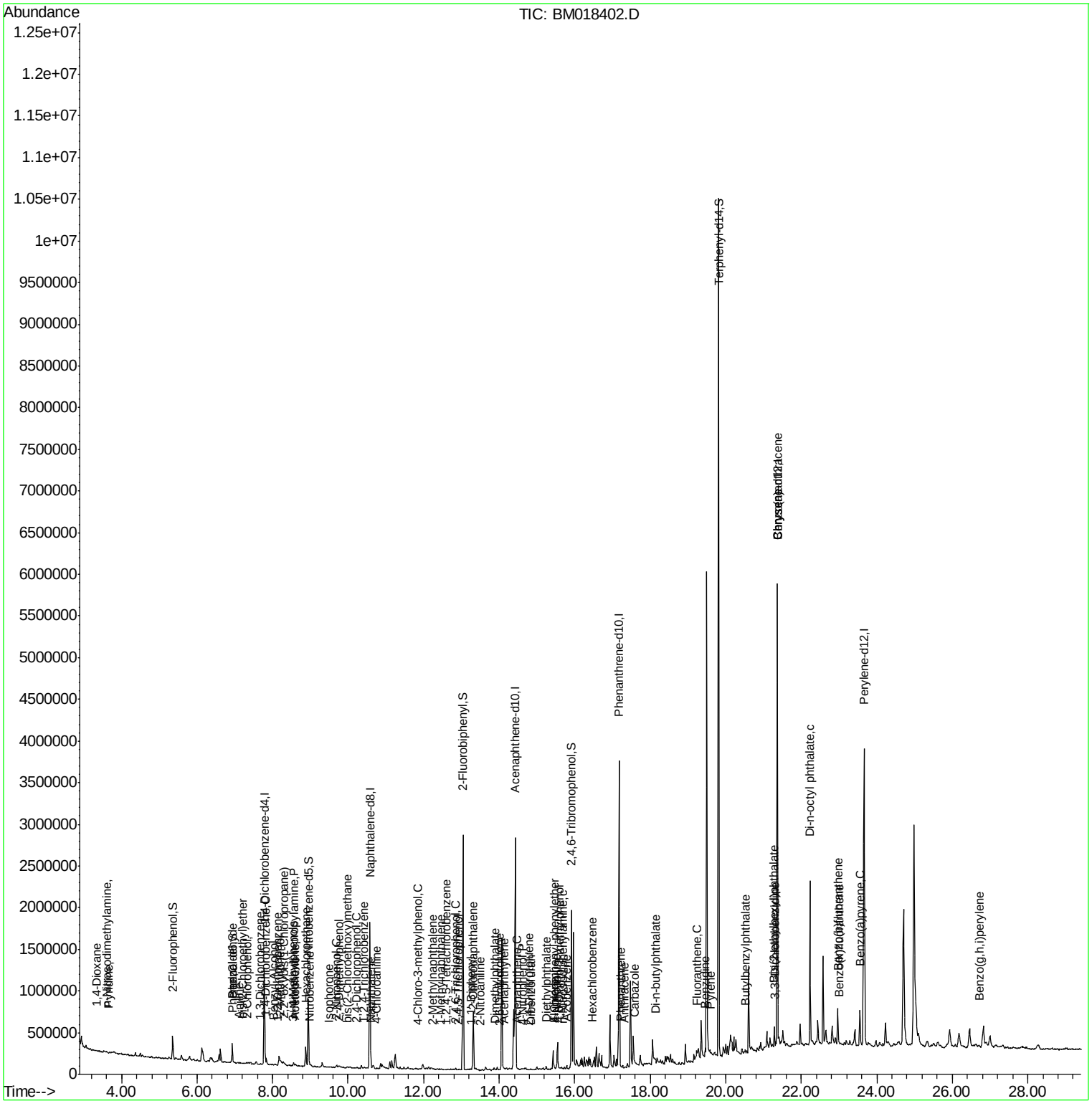
(#) = qualifier out of range (m) = manual integration (+) = signals summed

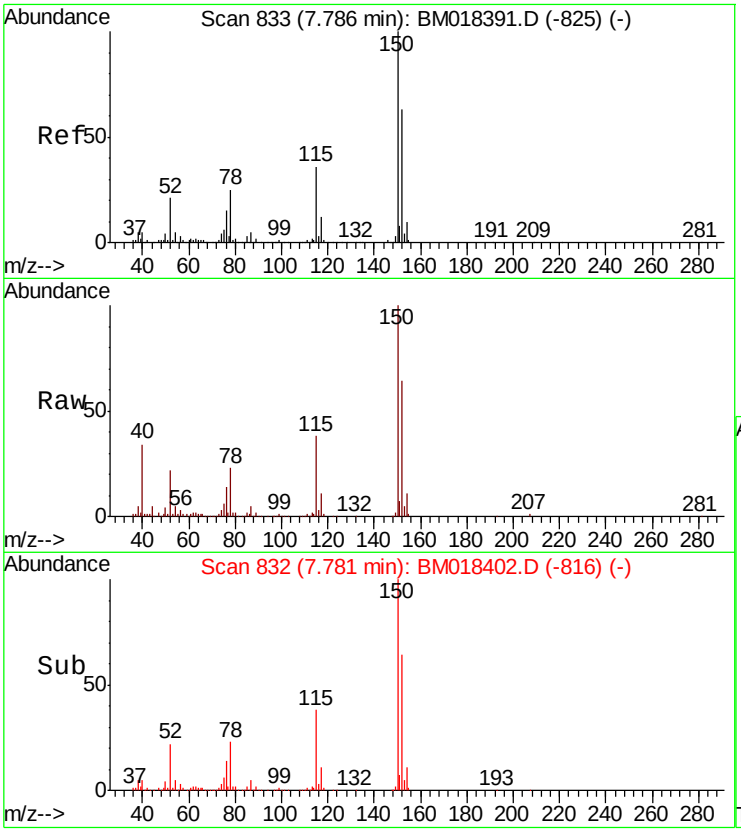
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122718\
Data File : BM018402.D
Acq On : 27 Dec 2018 18:41
Operator : JU/SJ
Sample : J6569-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Quant Time: Dec 28 04:04:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 27 14:18:47 2018
Response via : Initial Calibration



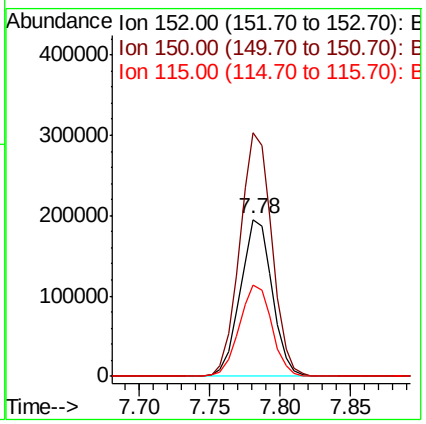


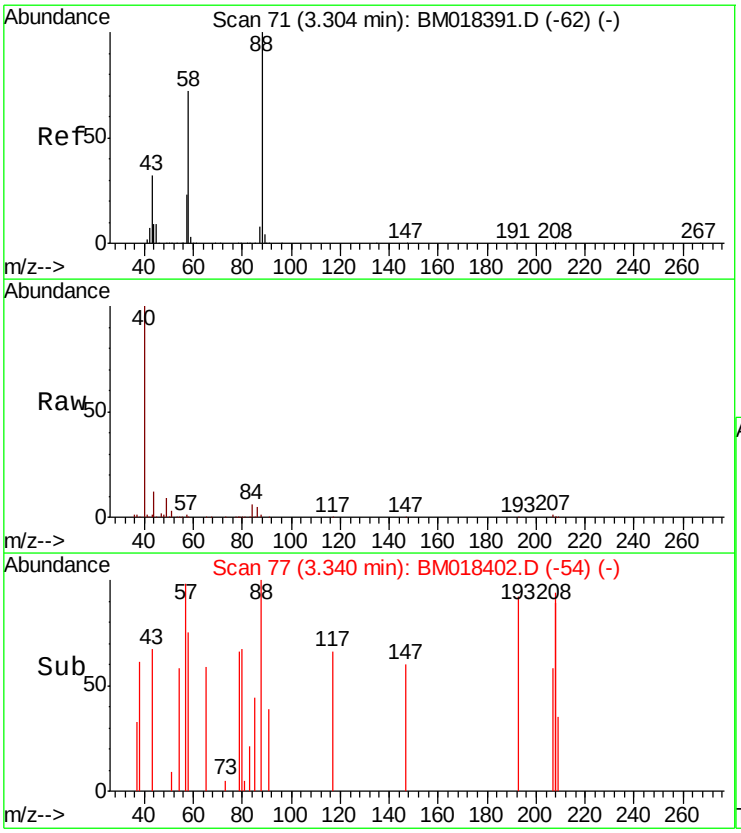

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion:152 Resp: 306967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.5 | 126.9 | 190.3 |
| 115 | 58.7 | 45.5 | 68.3 |

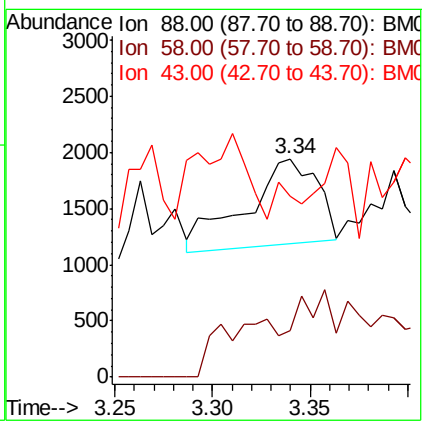


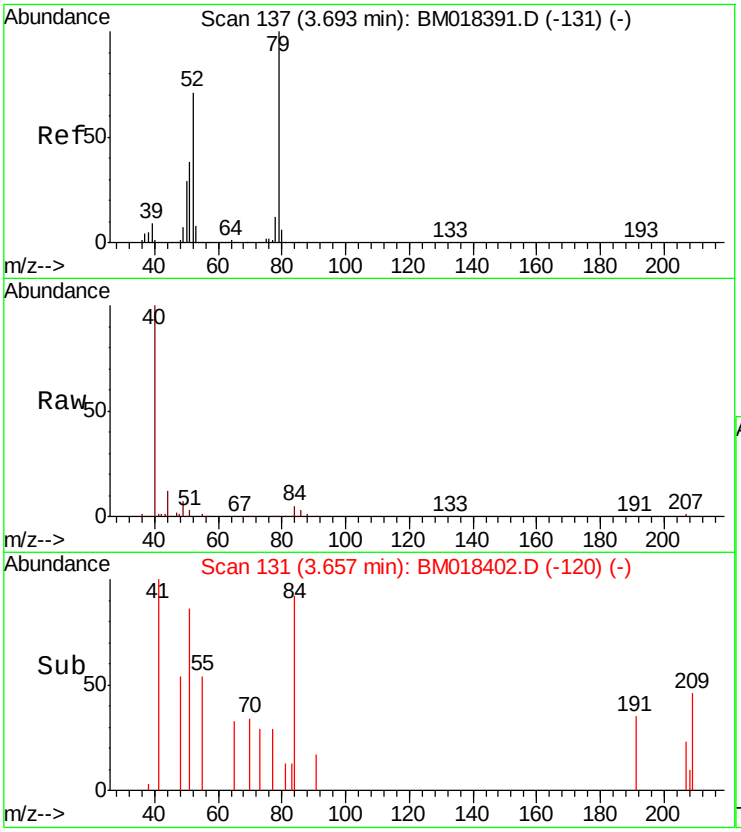




#2
1,4-Dioxane
Concen: 0.289 ng
RT: 3.34 min Scan# 77
Delta R.T. 0.04 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion: 88 Resp: 1915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 20.5 | 58.4 | 87.6# |
| 43 | 21.9 | 26.2 | 39.4# |



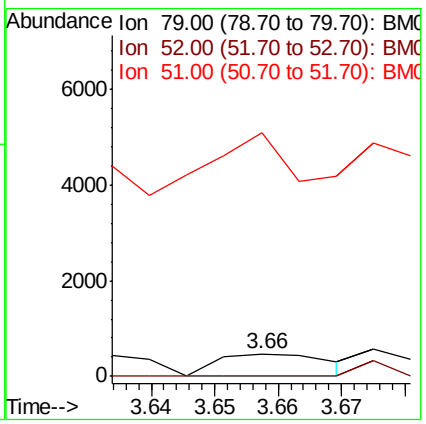


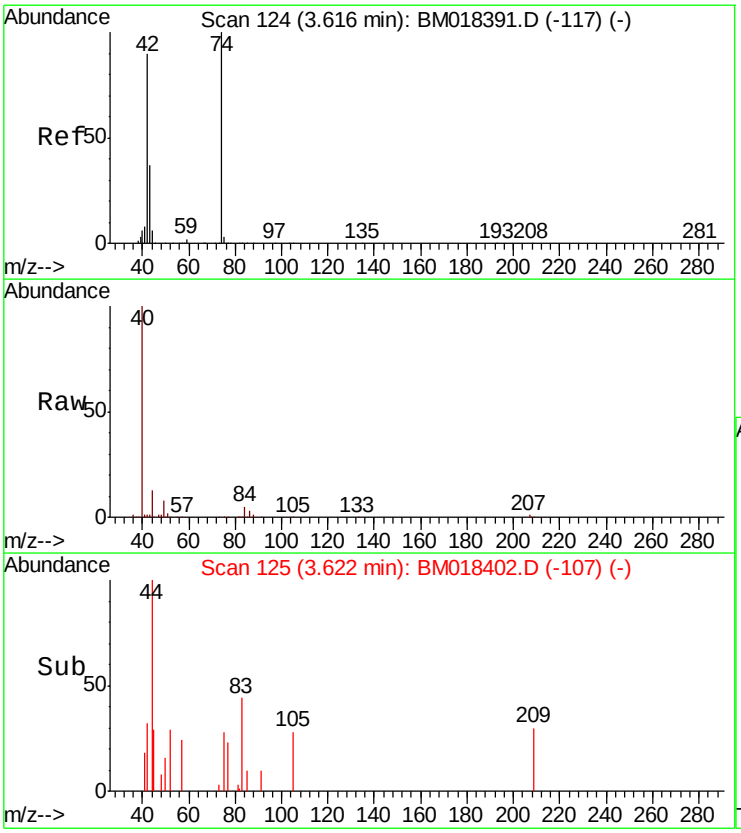

#3
Pyridine
Concen: 0.031 ng
RT: 3.66 min Scan# 131
Delta R.T. -0.04 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion: 79 Resp: 574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 0.0 | 56.4 | 84.6# |
| 51 | 1072.4 | 31.0 | 46.4# |

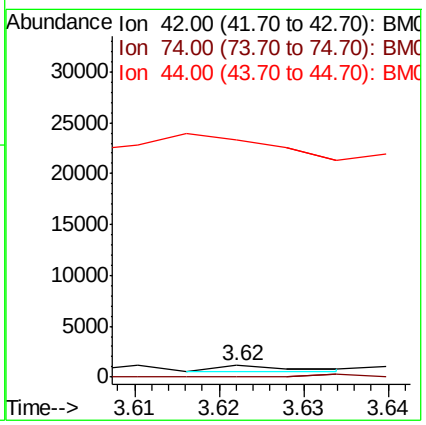


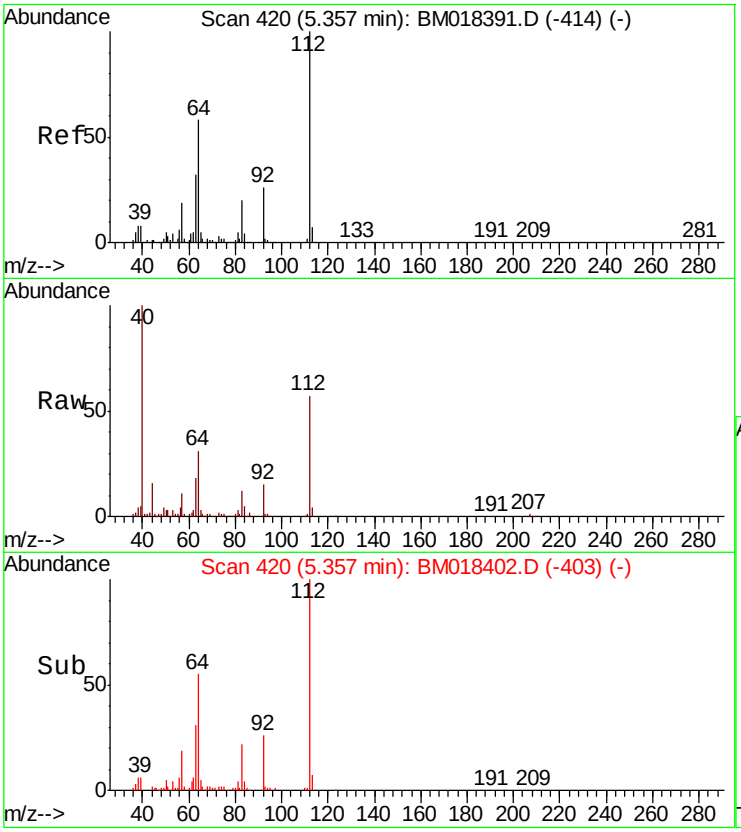




#4
n-Nitrosodimethylamine
Concen: 0.049 ng
RT: 3.62 min Scan# 125
Delta R.T. 0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion: 42 Resp: 364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 0.0 | 88.6 | 132.8# |
| 44 | 2024.6 | 16.9 | 25.3# |



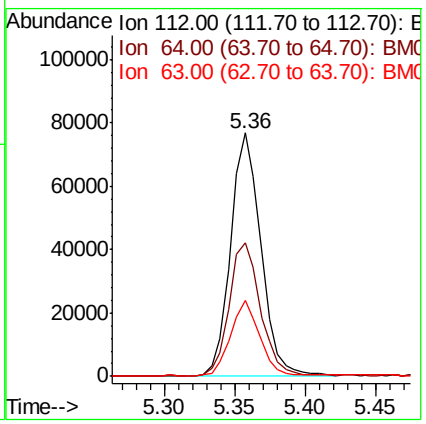


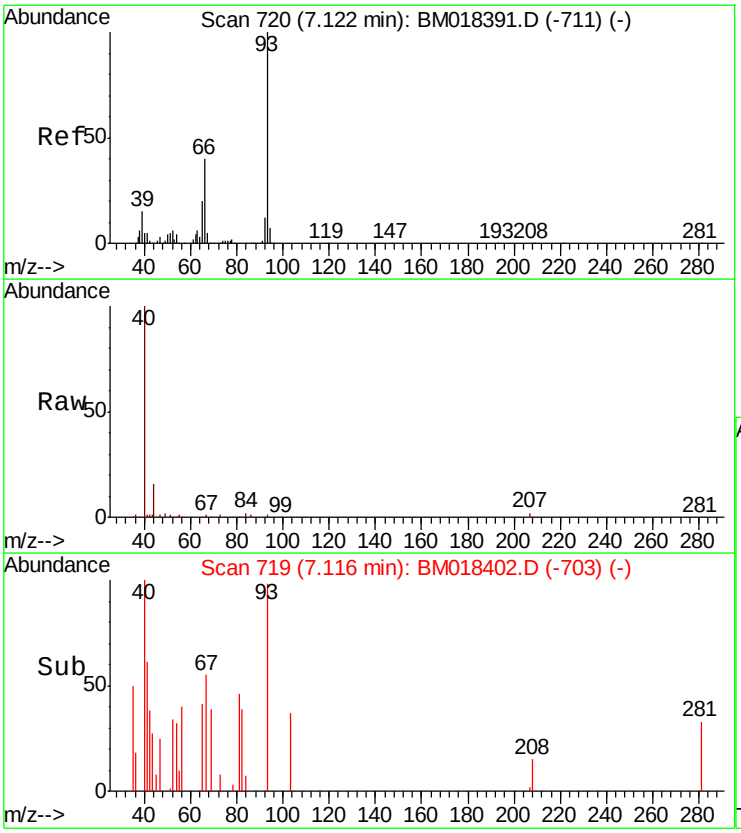

#5
2-Fluorophenol
Concen: 7.085 ng
RT: 5.36 min Scan# 420
Delta R.T. 0.00 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion:112 Resp: 115355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 54.7 | 46.5 | 69.7 |
| 63 | 31.0 | 25.2 | 37.8 |

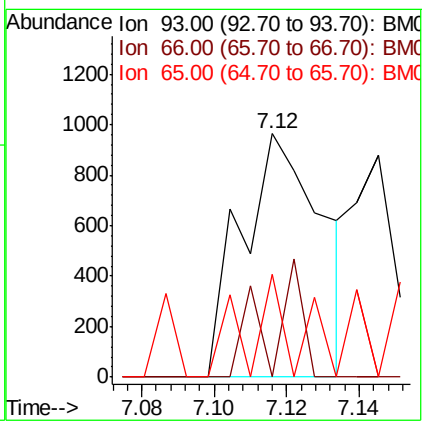


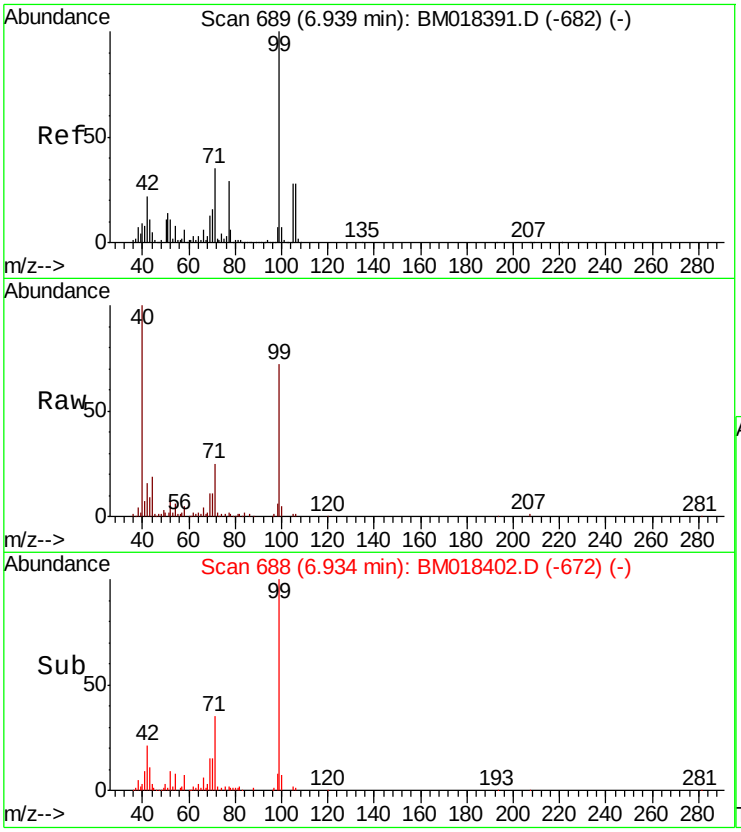




#6
Aniline
Concen: 0.053 ng
RT: 7.12 min Scan# 719
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion: 93 Resp: 1484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 0.0 | 31.7 | 47.5# |
| 65 | 42.2 | 15.9 | 23.9# |



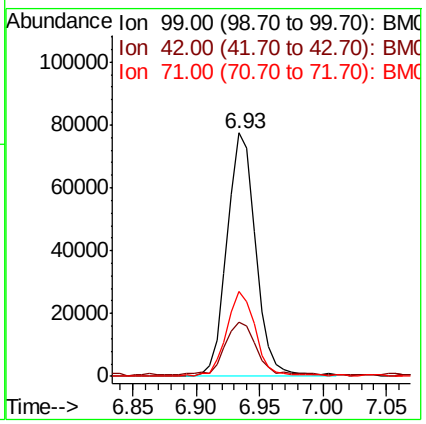


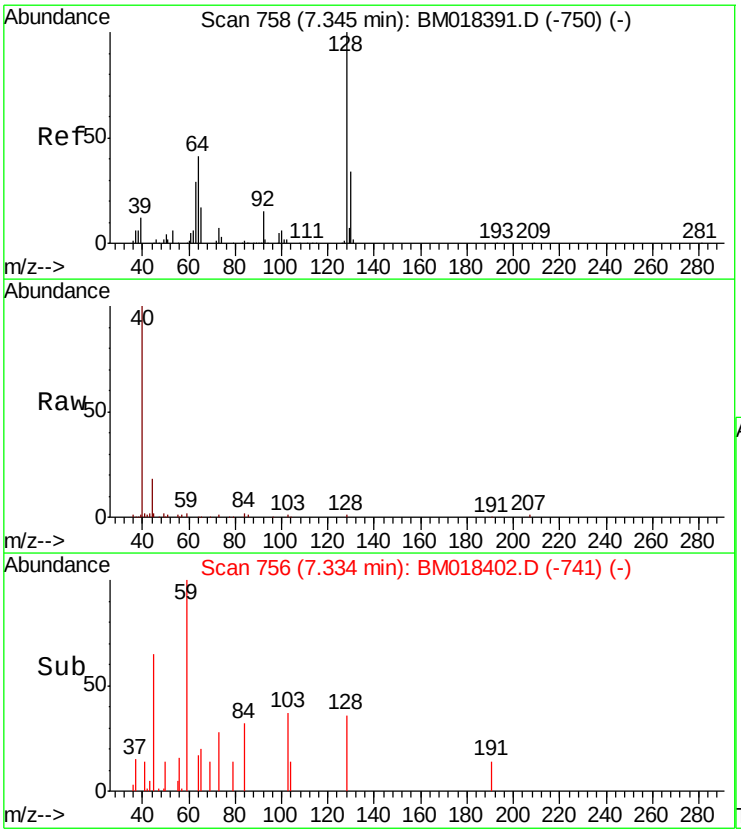

#7
Phenol-d6
Concen: 5.394 ng
RT: 6.93 min Scan# 688
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion: 99 Resp: 121951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.3 | 17.3 | 25.9 |
| 71 | 34.9 | 28.0 | 42.0 |

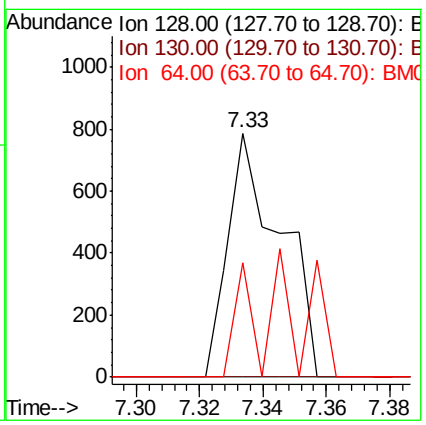


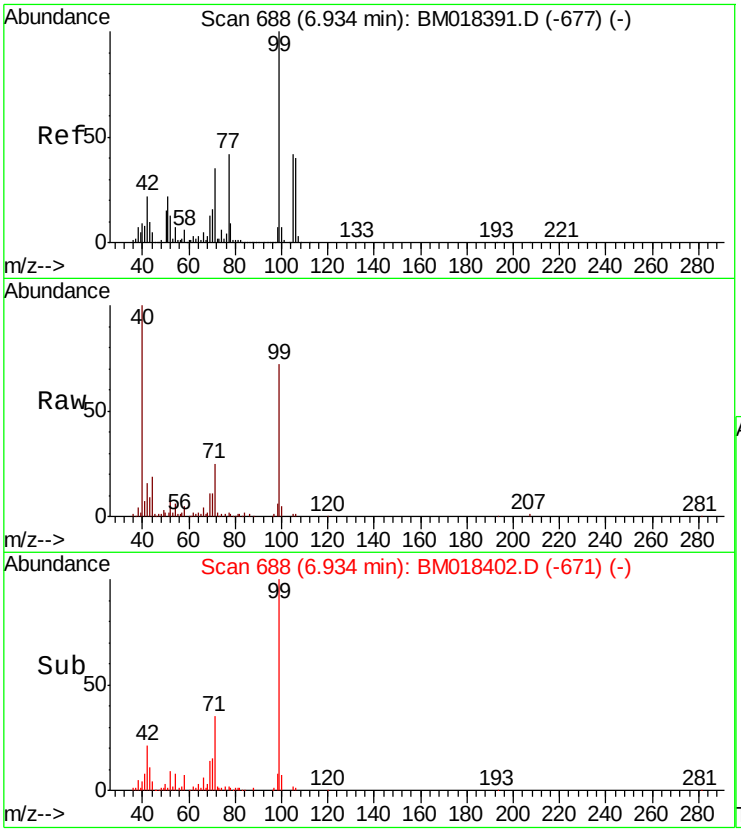




#8
2-Chlorophenol
Concen: 0.046 ng
RT: 7.33 min Scan# 756
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion:128 Resp: 898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 0.0 | 13.6 | 53.6# |
| 64 | 46.9 | 24.8 | 64.8 |



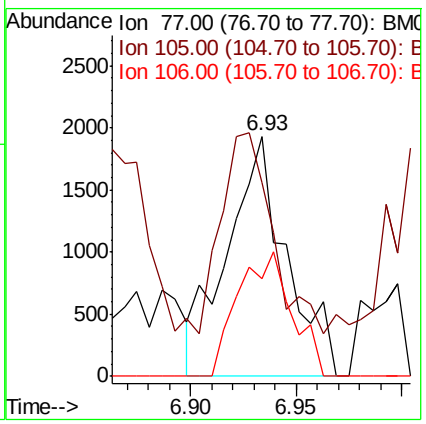


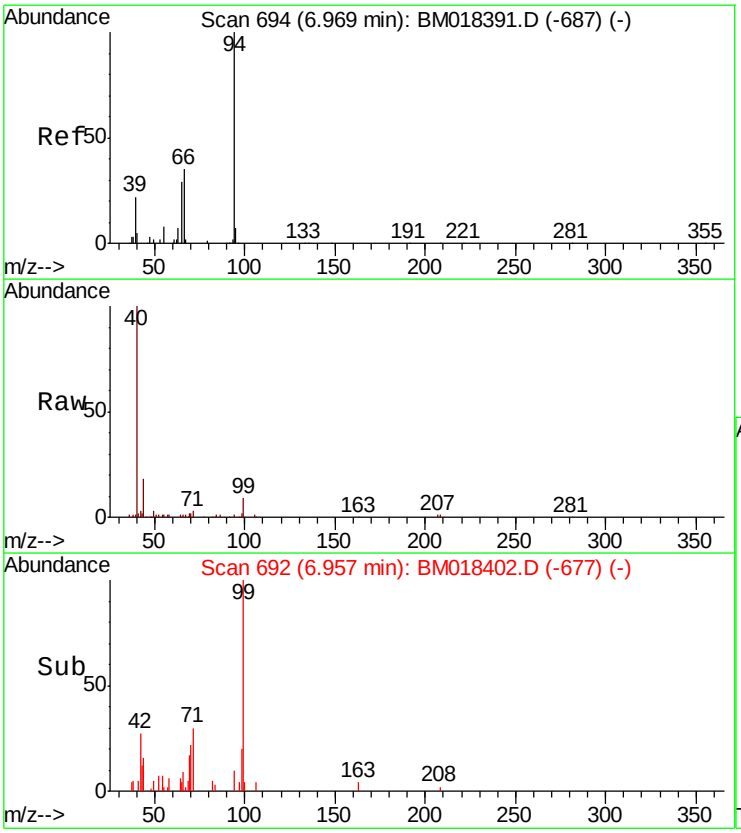

#9
Benzaldehyde
Concen: 0.236 ng
RT: 6.93 min Scan# 688
Delta R.T. 0.00 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion: 77 Resp: 3746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 80.9 | 79.7 | 119.7 |
| 106 | 40.5 | 75.2 | 115.2# |

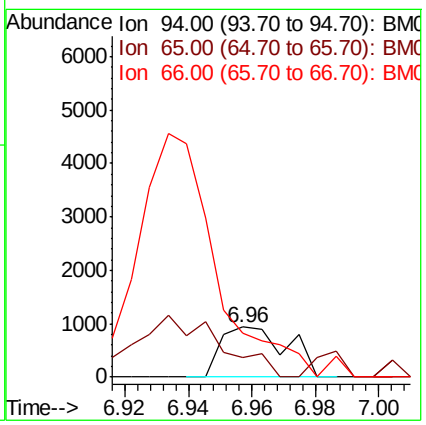


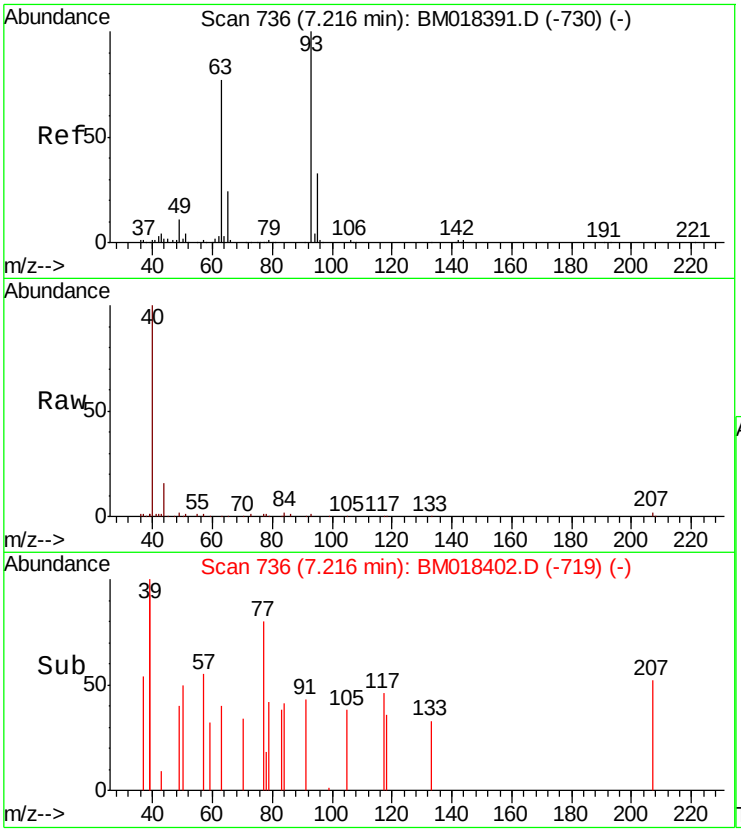




#10
Phenol
Concen: 0.058 ng
RT: 6.96 min Scan# 692
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion: 94 Resp: 1343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 38.3 | 9.4 | 49.4 |
| 66 | 87.4 | 19.1 | 59.1# |



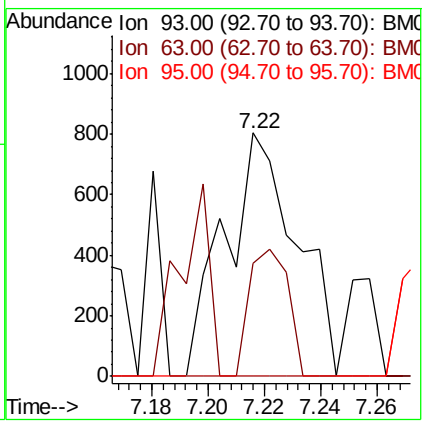


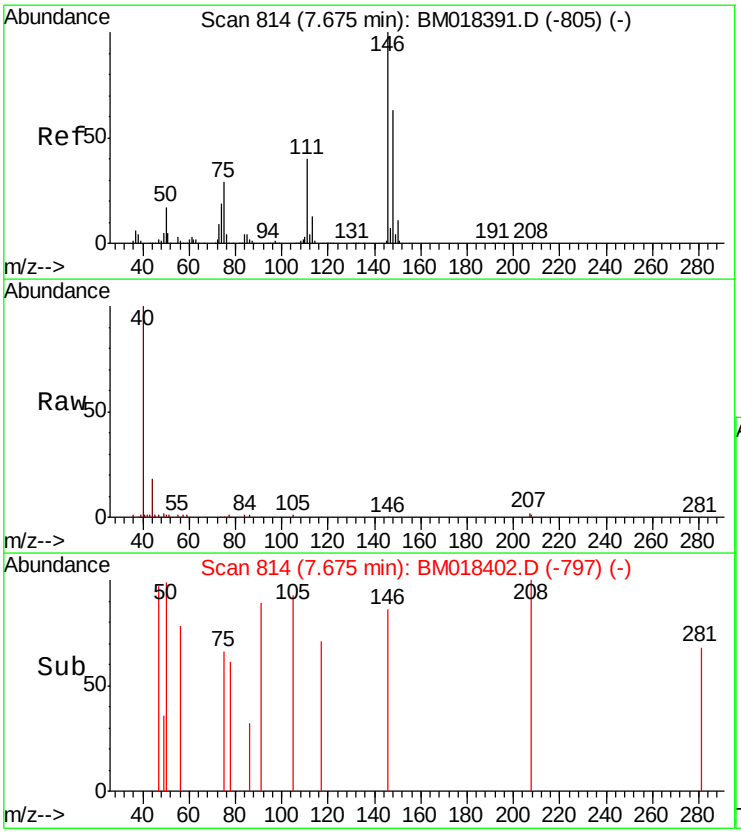

#11
bis(2-Chloroethyl)ether
Concen: 0.079 ng
RT: 7.22 min Scan# 736
Delta R.T. 0.00 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion: 93 Resp: 1424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 46.3 | 56.4 | 96.4# |
| 95 | 0.0 | 12.7 | 52.7# |

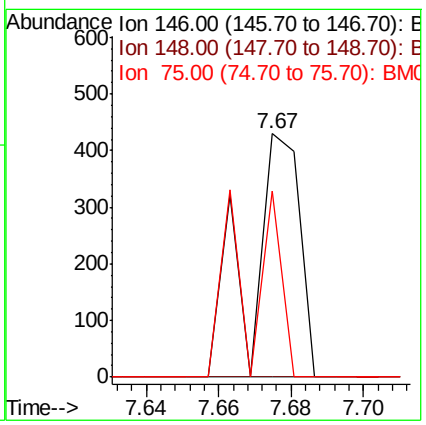


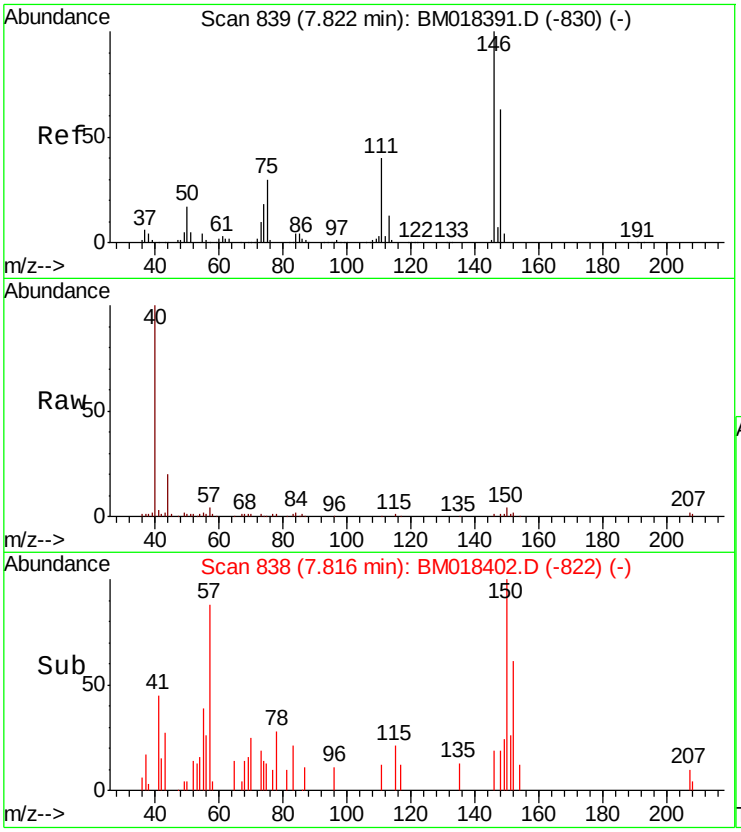




#12
1,3-Dichlorobenzene
Concen: 0.018 ng
RT: 7.67 min Scan# 814
Delta R.T. 0.00 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion:146 Resp: 406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 0.0 | 50.5 | 75.7# |
| 75 | 76.5 | 23.0 | 34.6# |



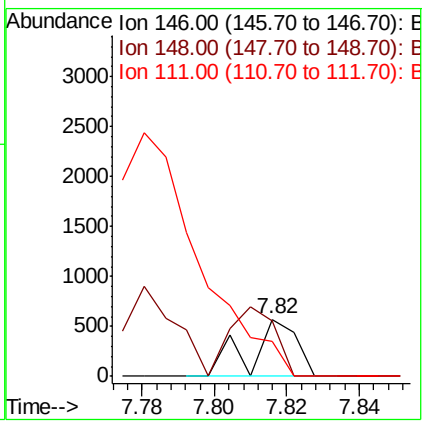


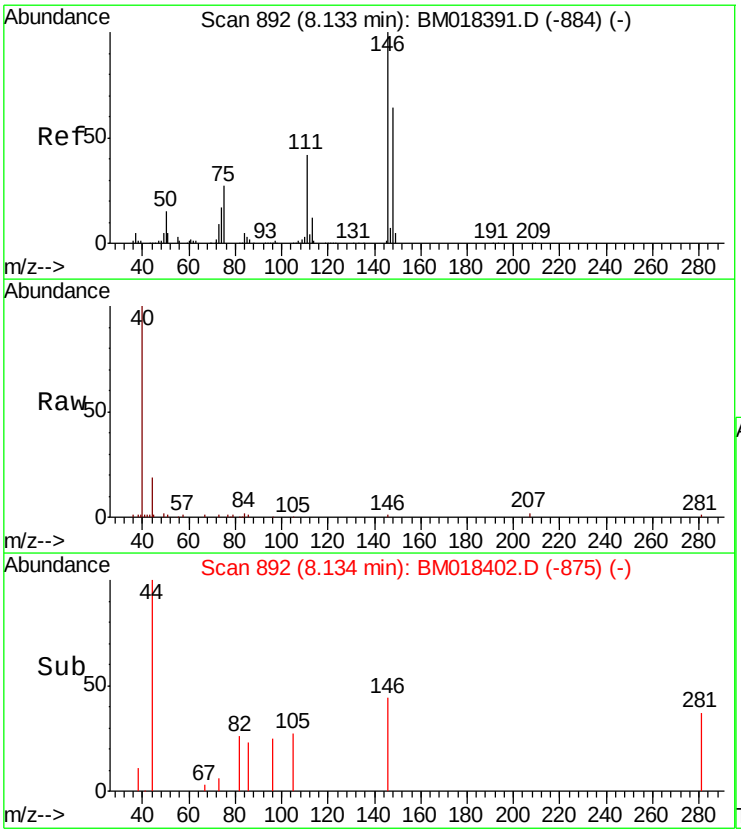

#13
1,4-Dichlorobenzene
Concen: 0.022 ng
RT: 7.82 min Scan# 838
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion:146 Resp: 507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 96.3 | 50.8 | 76.2# |
| 111 | 62.0 | 32.2 | 48.2# |

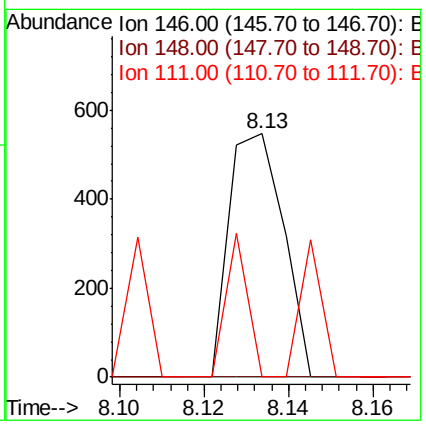


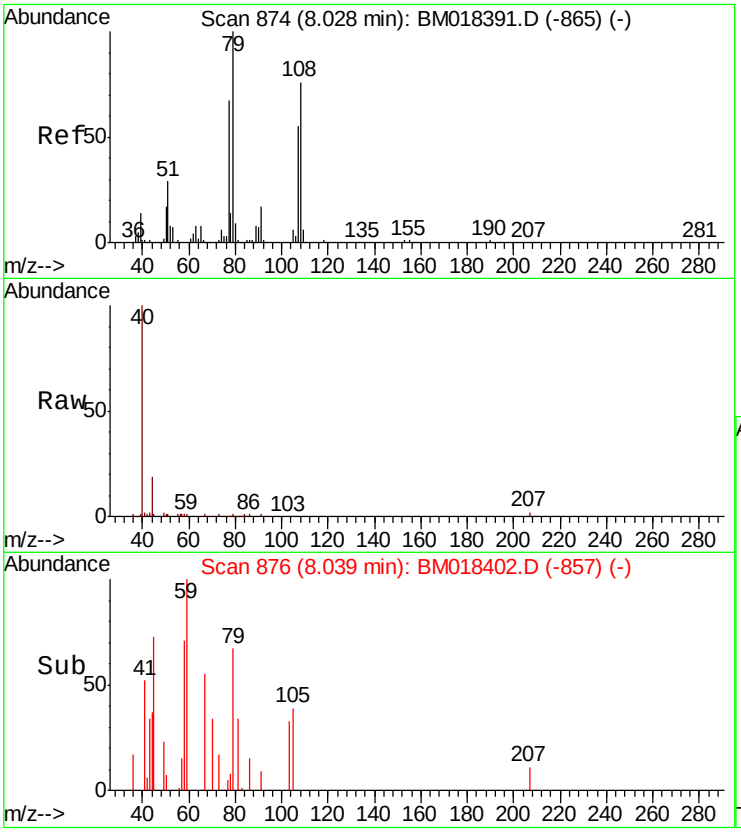




#14
1,2-Dichlorobenzene
Concen: 0.021 ng
RT: 8.13 min Scan# 892
Delta R.T. 0.00 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion:146 Resp: 489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 0.0 | 51.0 | 76.6# |
| 111 | 0.0 | 33.8 | 50.6# |



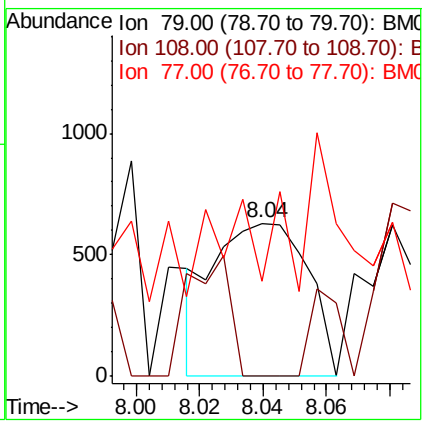


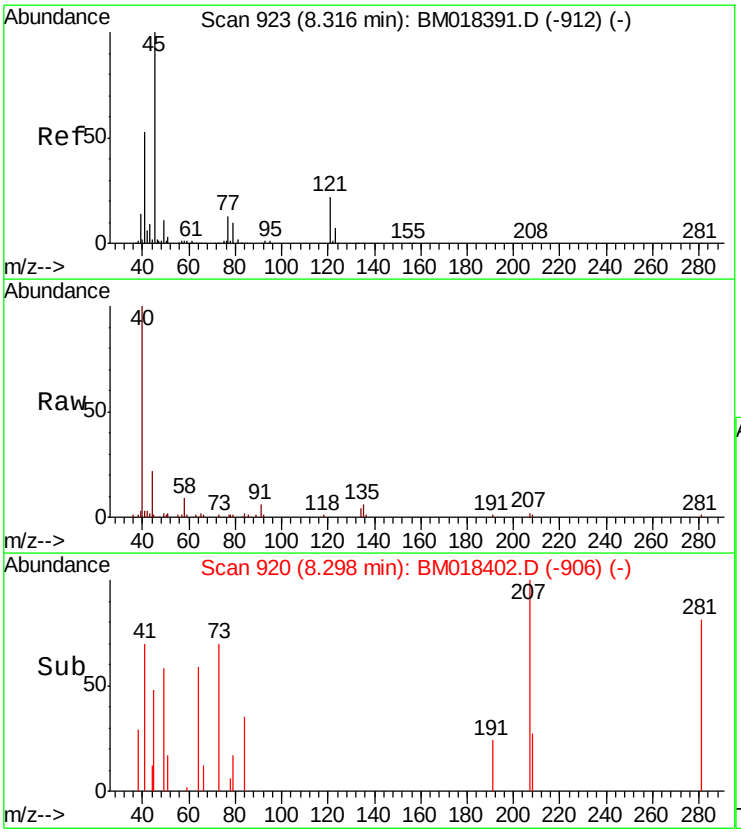

#15
Benzyl Alcohol
Concen: 0.074 ng
RT: 8.04 min Scan# 876
Delta R.T. 0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion: 79 Resp: 1295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 0.0 | 60.4 | 90.6# |
| 77 | 61.8 | 53.4 | 80.2 |

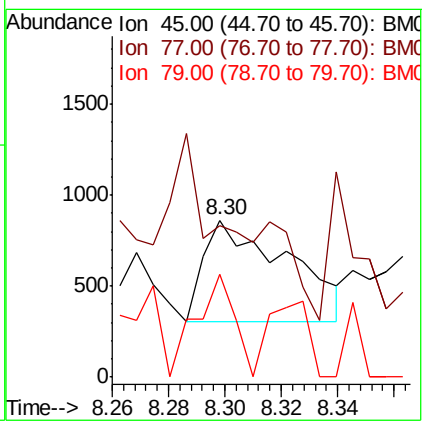


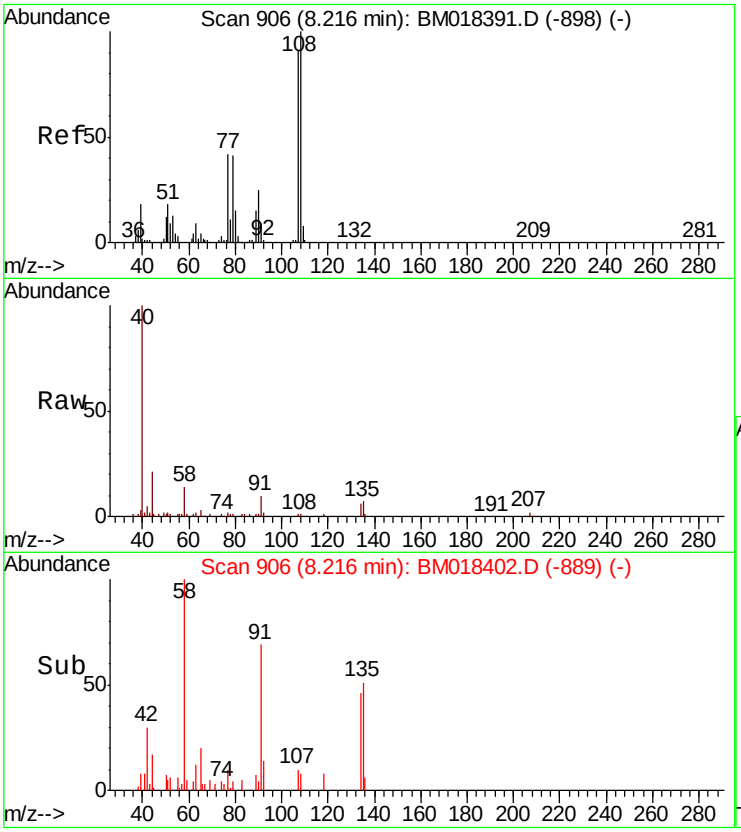




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.039 ng
RT: 8.30 min Scan# 920
Delta R.T. -0.02 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion: 45 Resp: 1139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 96.5 | 0.0 | 33.4# |
| 79 | 65.9 | 0.0 | 31.1# |



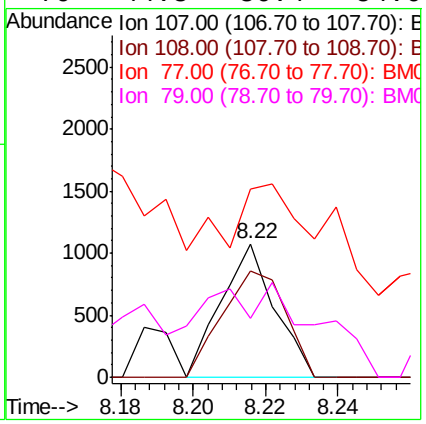


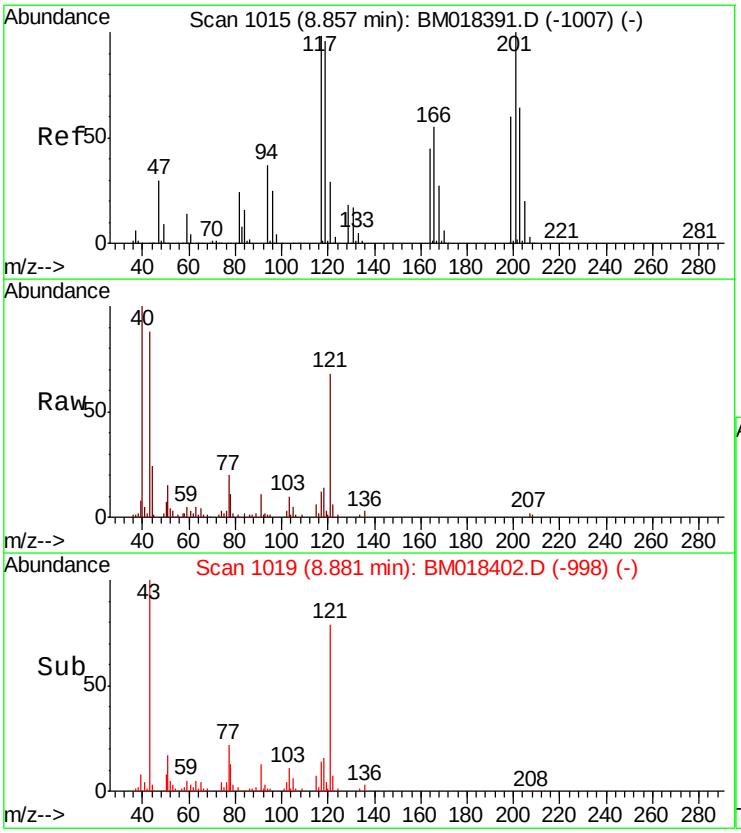

#17
2-Methylphenol
Concen: 0.067 ng
RT: 8.22 min Scan# 906
Delta R.T. 0.00 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion:107 Resp: 1106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 79.7 | 87.5 | 131.3# |
| 77 | 141.1 | 37.3 | 55.9# |
| 79 | 44.3 | 36.4 | 54.6 |

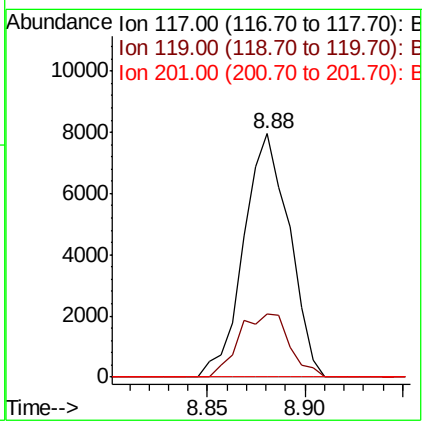


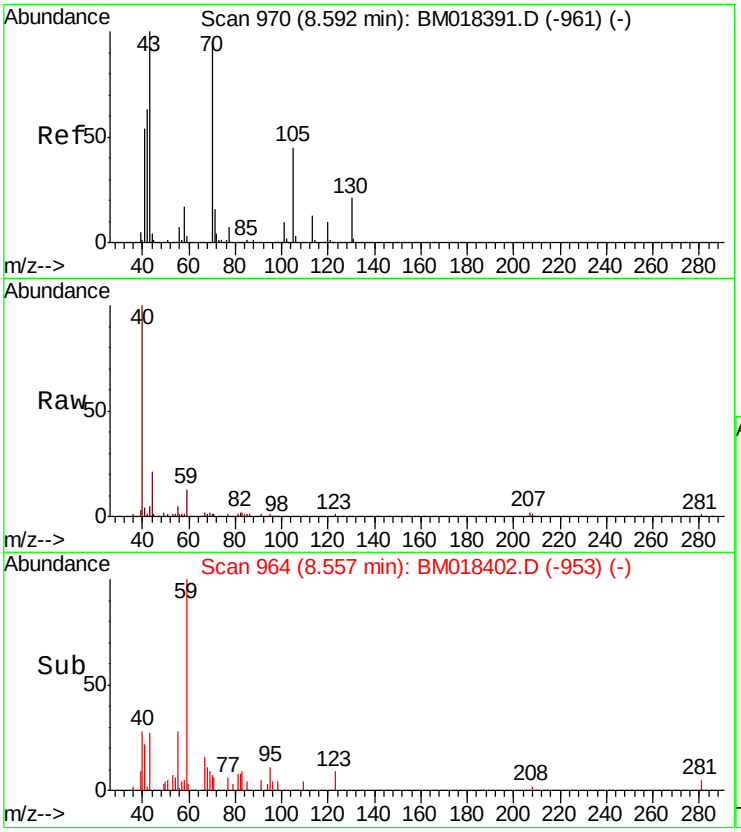




#18
Hexachloroethane
Concen: 1.536 ng
RT: 8.88 min Scan# 1019
Delta R.T. 0.02 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion:117 Resp: 12846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 25.8 | 78.3 | 117.5# |
| 201 | 0.0 | 81.4 | 122.0# |



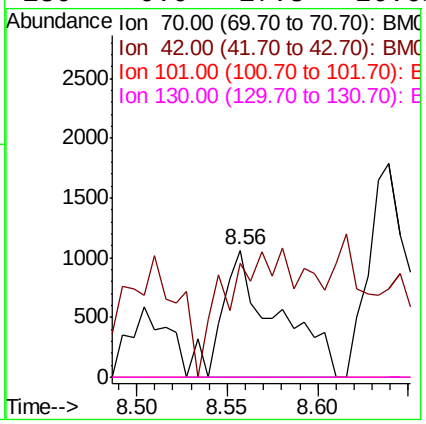


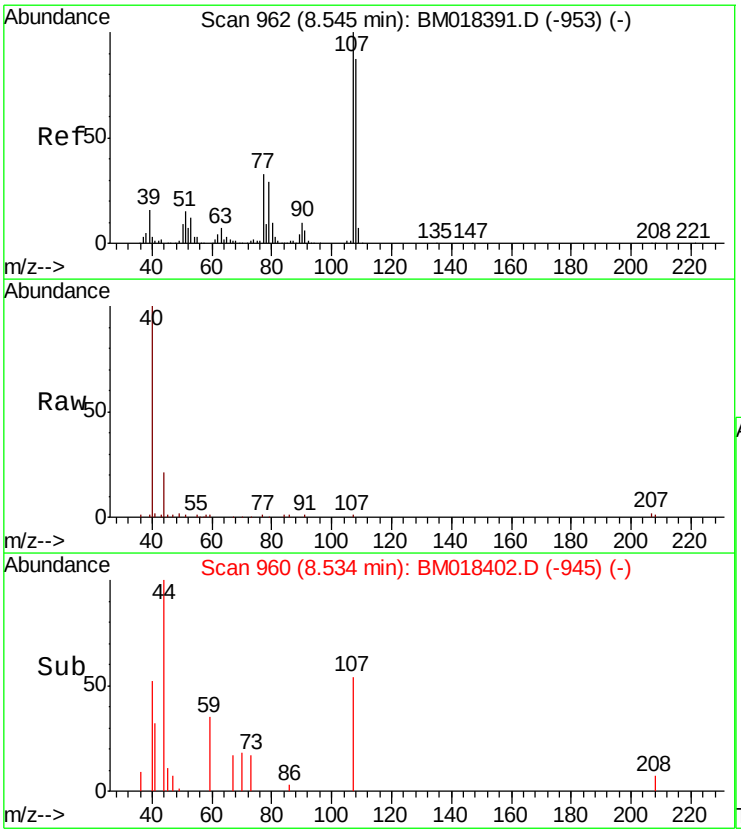

#19
n-Nitroso-di-n-propylamine
Concen: 0.131 ng
RT: 8.56 min Scan# 964
Delta R.T. -0.04 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion: 70 Resp: 2261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 90.1 | 54.0 | 81.0# |
| 101 | 0.0 | 8.1 | 12.1# |
| 130 | 0.0 | 17.8 | 26.6# |

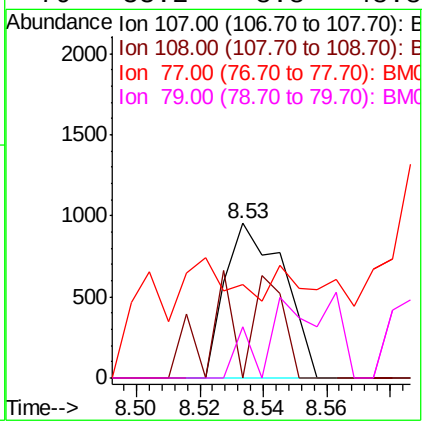


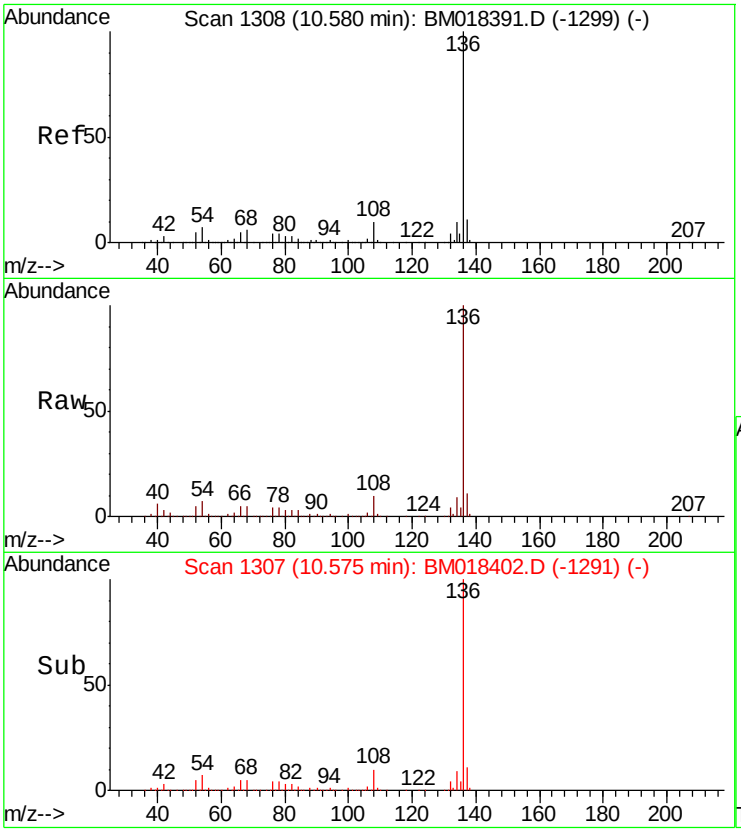




#20
3+4-Methylphenols
Concen: 0.055 ng
RT: 8.53 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion:107 Resp: 1221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 0.0 | 66.8 | 106.8# |
| 77 | 60.5 | 13.3 | 53.3# |
| 79 | 33.2 | 8.8 | 48.8 |



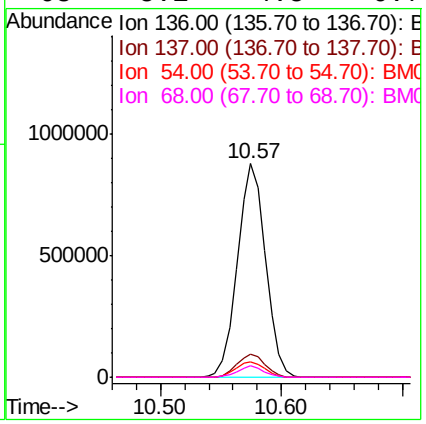


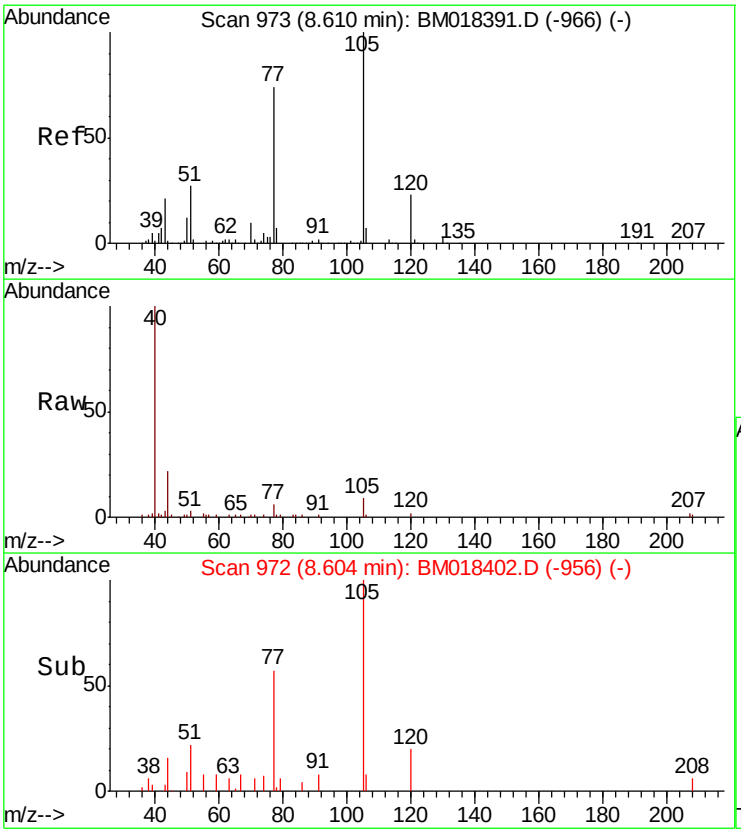

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion:136 Resp: 1422257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.5 | 12.7 |
| 54 | 7.3 | 6.0 | 9.0 |
| 68 | 5.1 | 4.5 | 6.7 |

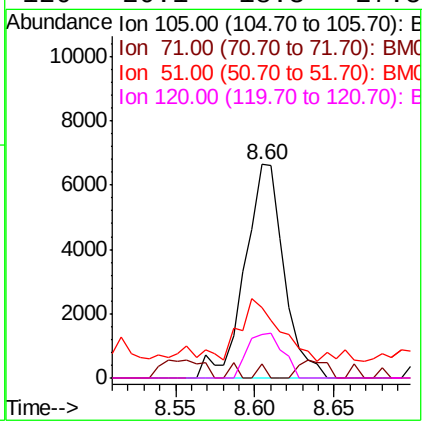


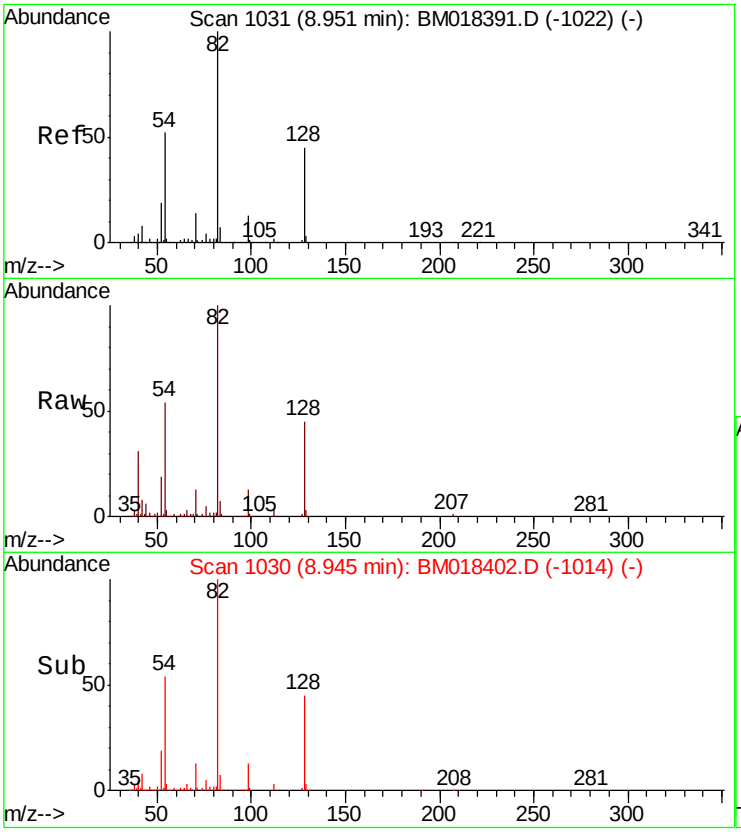




#22
Acetophenone
Concen: 0.318 ng
RT: 8.60 min Scan# 972
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion:105 Resp: 11469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 6.4 | 1.7 | 2.5# |
| 51 | 33.3 | 22.6 | 34.0 |
| 120 | 20.1 | 18.3 | 27.5 |



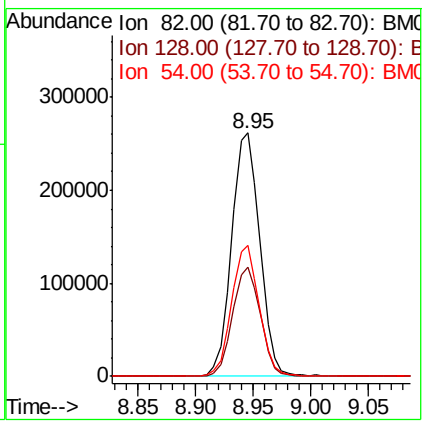


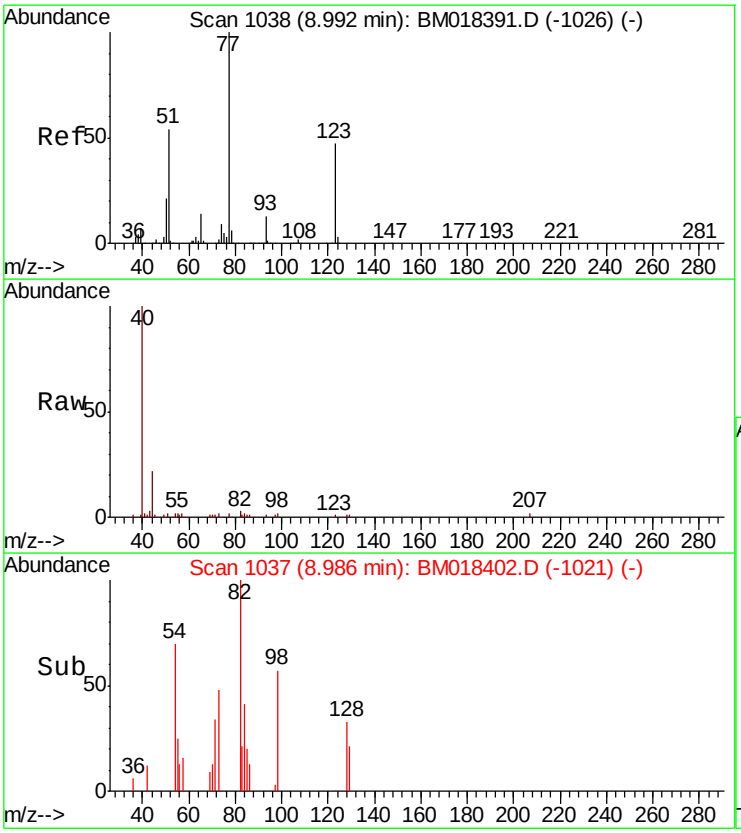

#23
Nitrobenzene-d5
Concen: 17.811 ng
RT: 8.95 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion: 82 Resp: 441375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.1 | 36.3 | 54.5 |
| 54 | 53.7 | 41.7 | 62.5 |

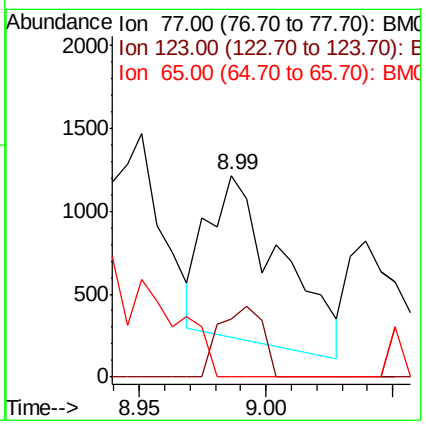


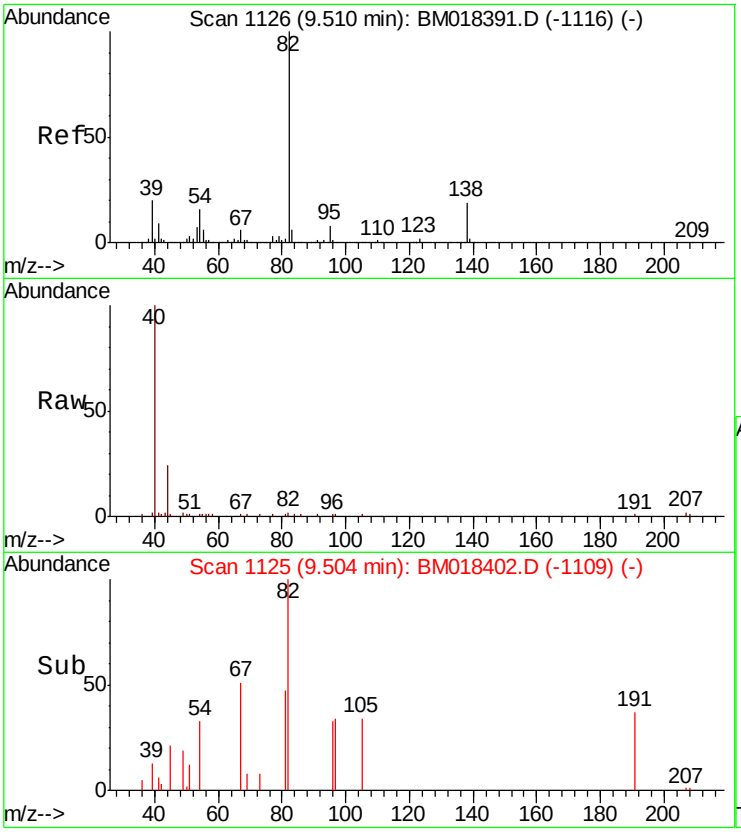




#24
Nitrobenzene
Concen: 0.081 ng
RT: 8.99 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion: 77 Resp: 1980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 28.6 | 37.7 | 56.5# |
| 65 | 0.0 | 11.0 | 16.6# |



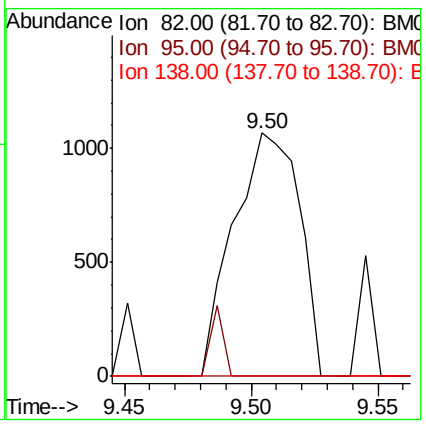


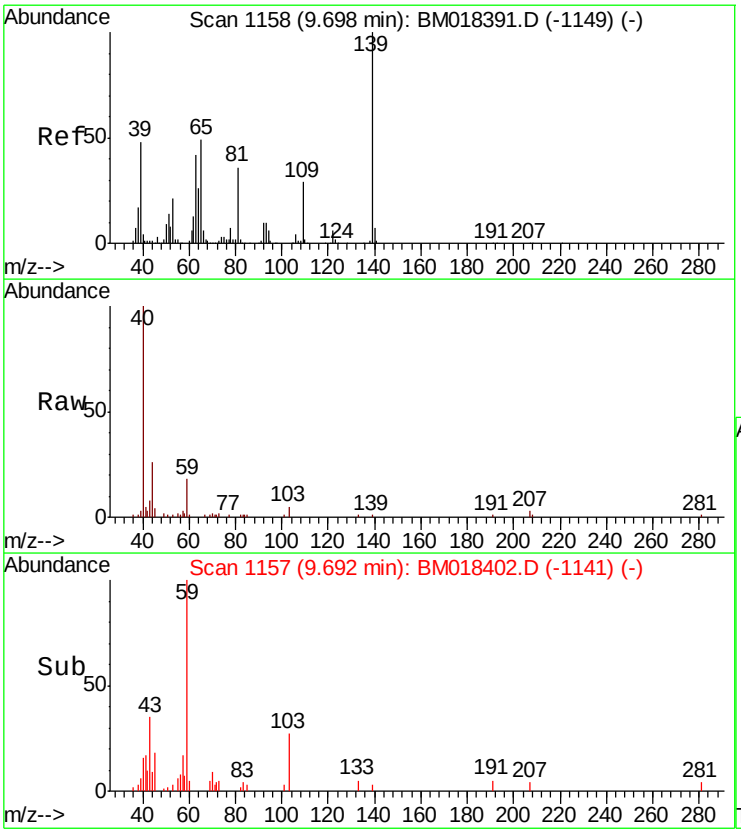

#25
Isophorone
Concen: 0.045 ng
RT: 9.50 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion: 82 Resp: 1941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 6.1 | 9.1# |
| 138 | 0.0 | 15.1 | 22.7# |

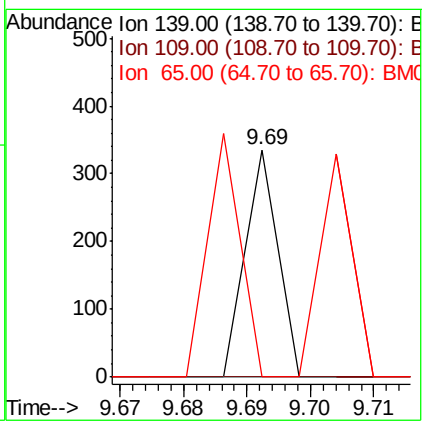


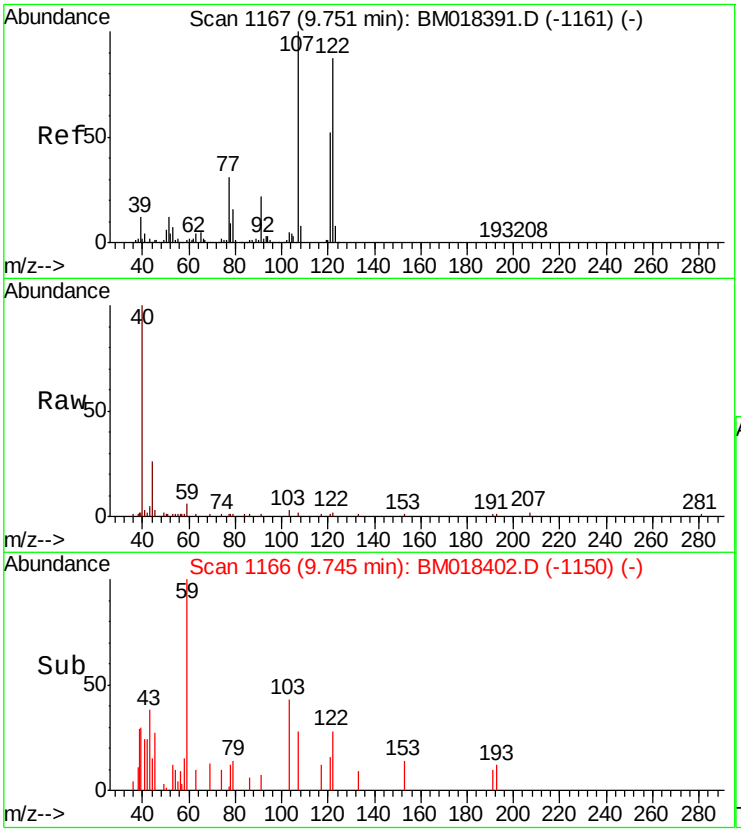




#26
2-Nitrophenol
Concen: 7.955 ng
RT: 9.69 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion:139 Resp: 118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 0.0 | 23.4 | 35.2# |
| 65 | 0.0 | 39.4 | 59.2# |



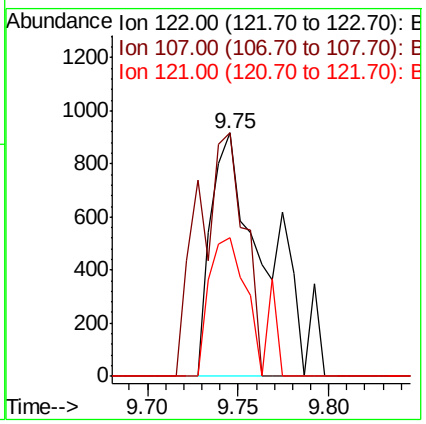


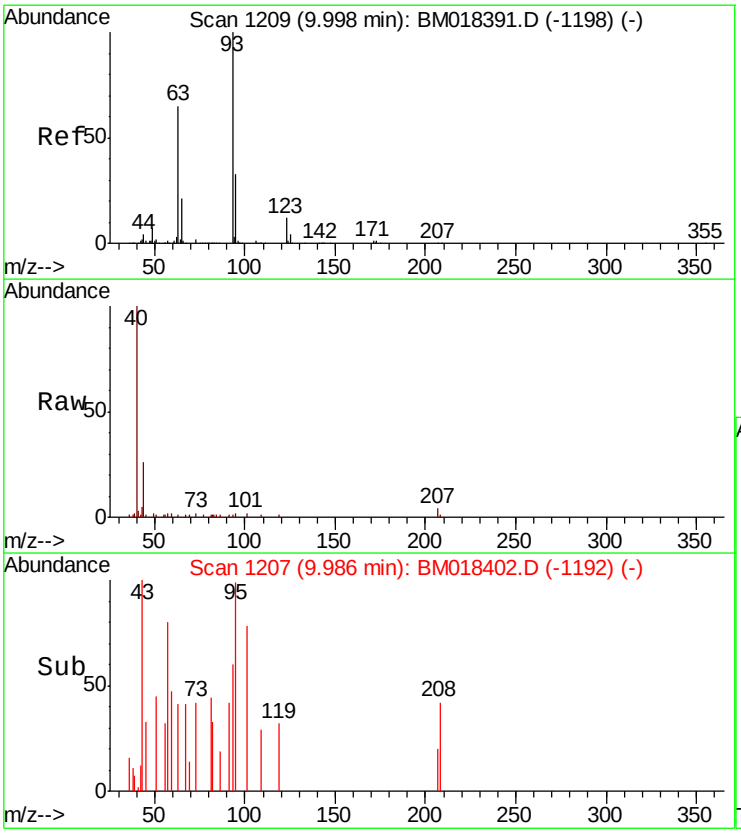

#27
2,4-Dimethylphenol
Concen: 0.109 ng
RT: 9.75 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion:122 Resp: 1949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 100.0 | 91.9 | 137.9 |
| 121 | 56.7 | 47.5 | 71.3 |

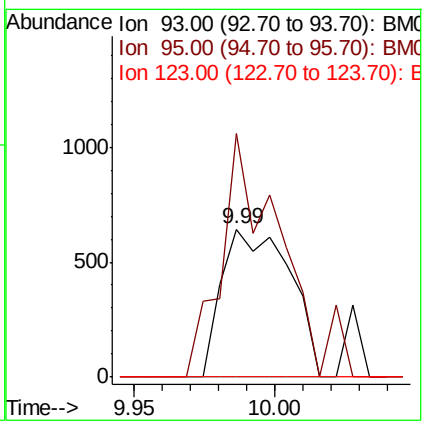


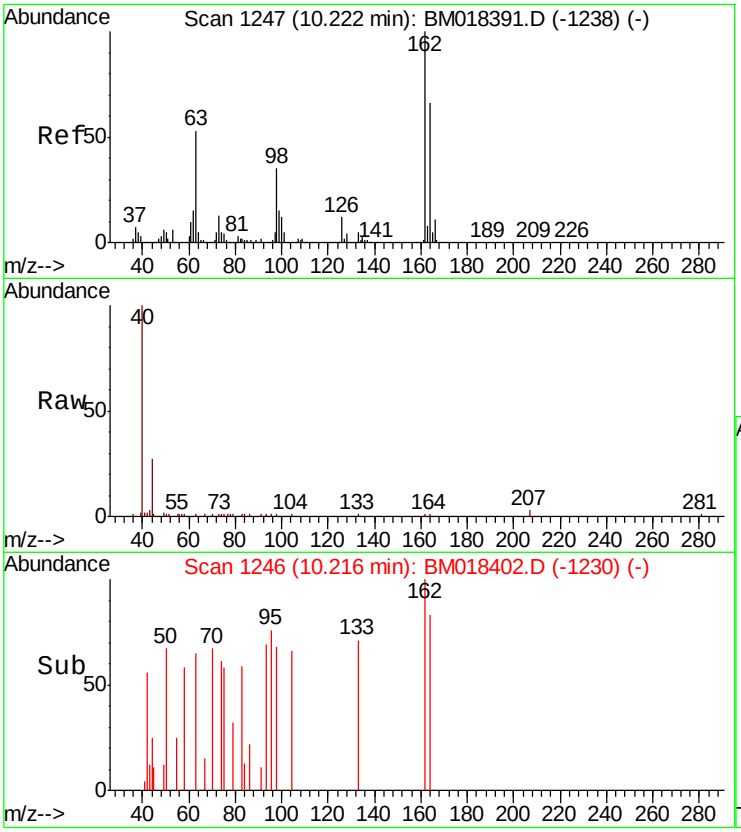




#28
bis(2-Chloroethoxy)methane
Concen: 0.040 ng
RT: 9.99 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion: 93 Resp: 1076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 165.0 | 26.6 | 39.8# |
| 123 | 0.0 | 9.9 | 14.9# |



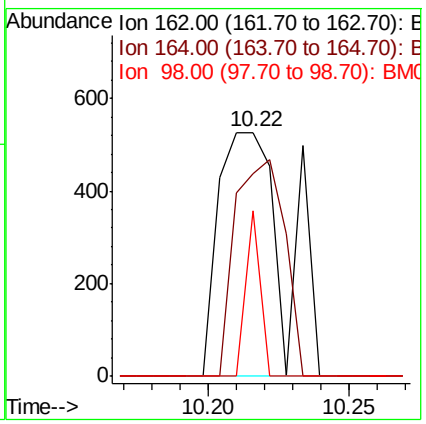


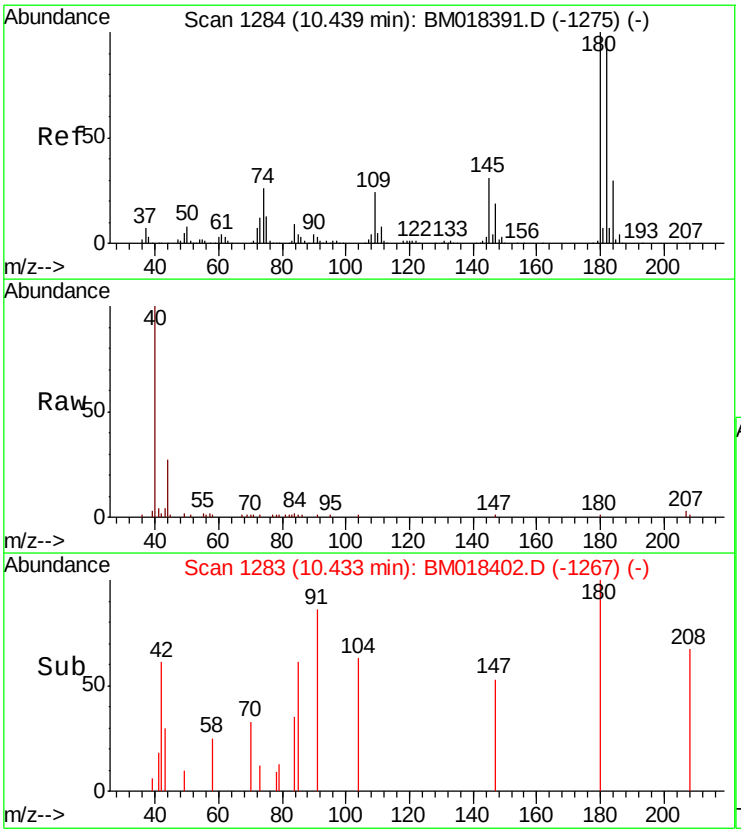

#29
2,4-Dichlorophenol
Concen: 0.044 ng
RT: 10.22 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion:162 Resp: 859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 83.3 | 45.6 | 85.6 |
| 98 | 68.1 | 14.7 | 54.7# |

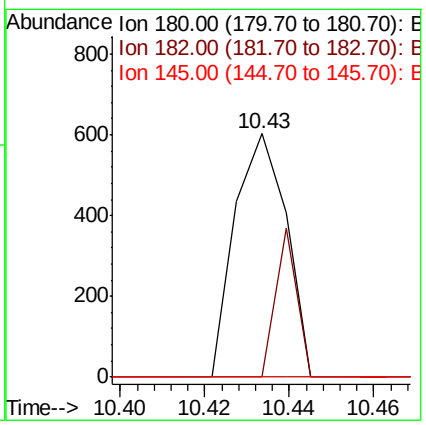


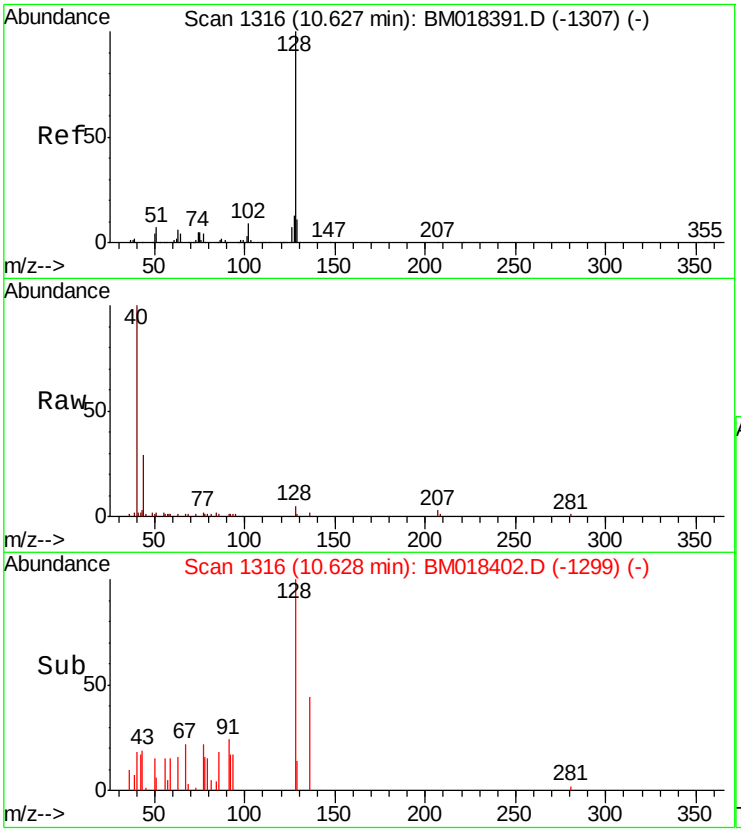




#30
1,2,4-Trichlorobenzene
Concen: 0.021 ng
RT: 10.43 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion:180 Resp: 511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 0.0 | 77.4 | 116.2# |
| 145 | 0.0 | 24.6 | 37.0# |



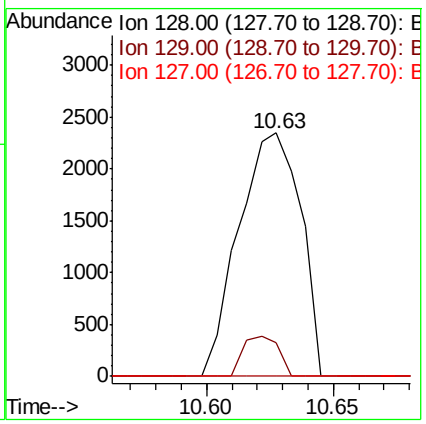


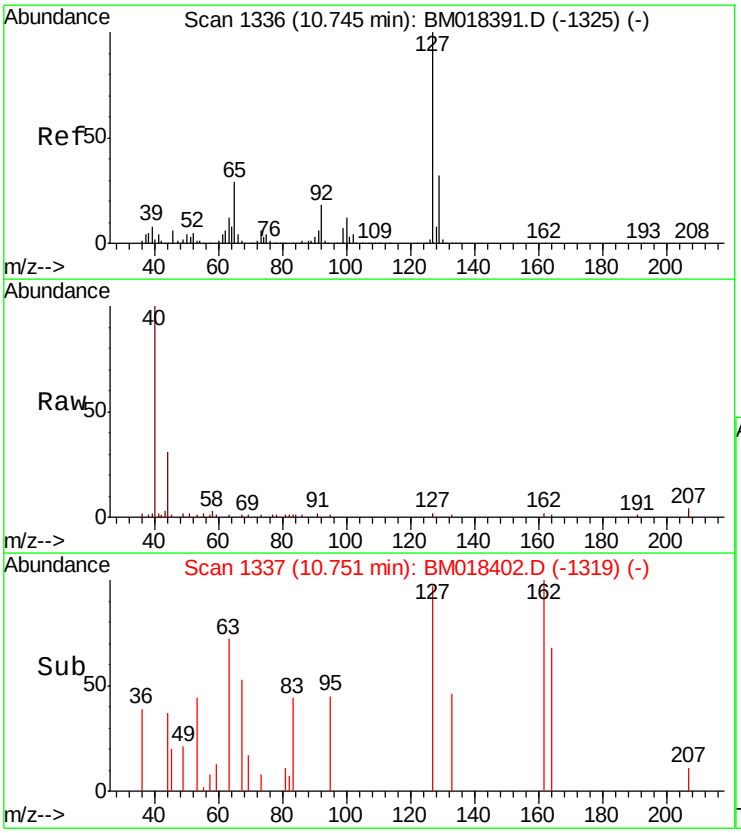

#31
Naphthalene
Concen: 0.058 ng
RT: 10.63 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion:128 Resp: 3994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 13.9 | 8.7 | 13.1# |
| 127 | 0.0 | 10.8 | 16.2# |

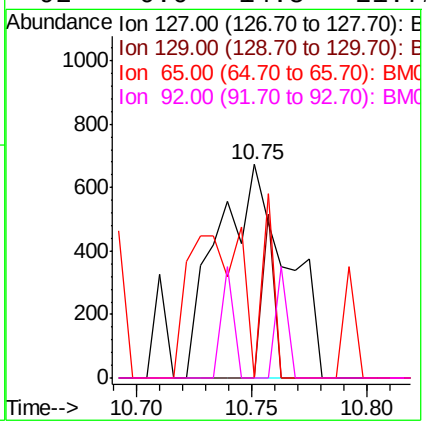


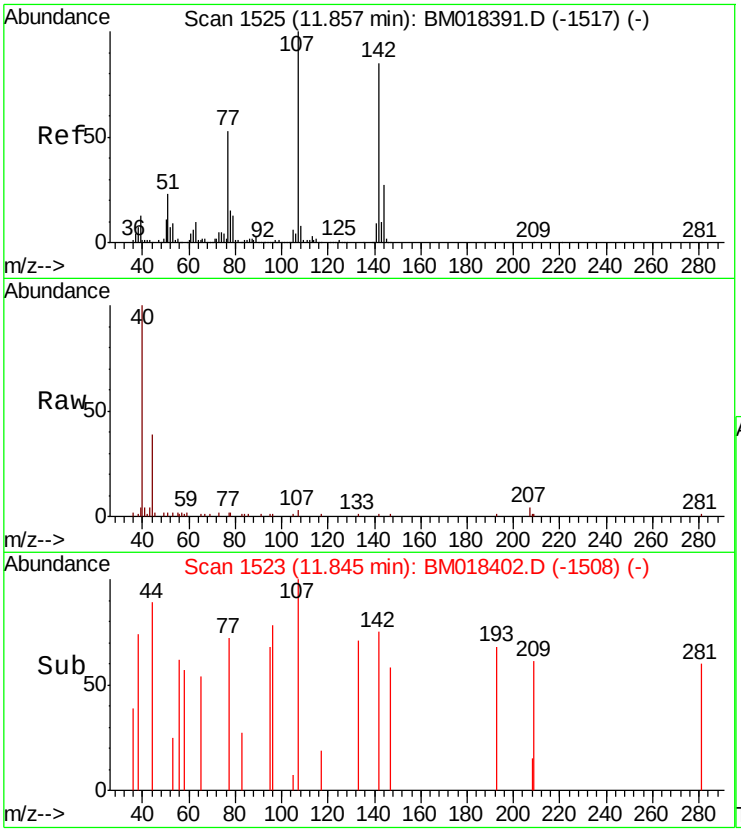




#33
4-Chloroaniline
Concen: 0.045 ng
RT: 10.75 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion:127 Resp: 1405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 0.0 | 25.9 | 38.9# |
| 65 | 0.0 | 23.4 | 35.2# |
| 92 | 0.0 | 14.5 | 21.7# |



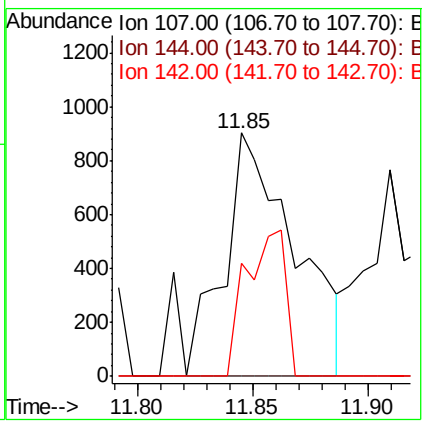


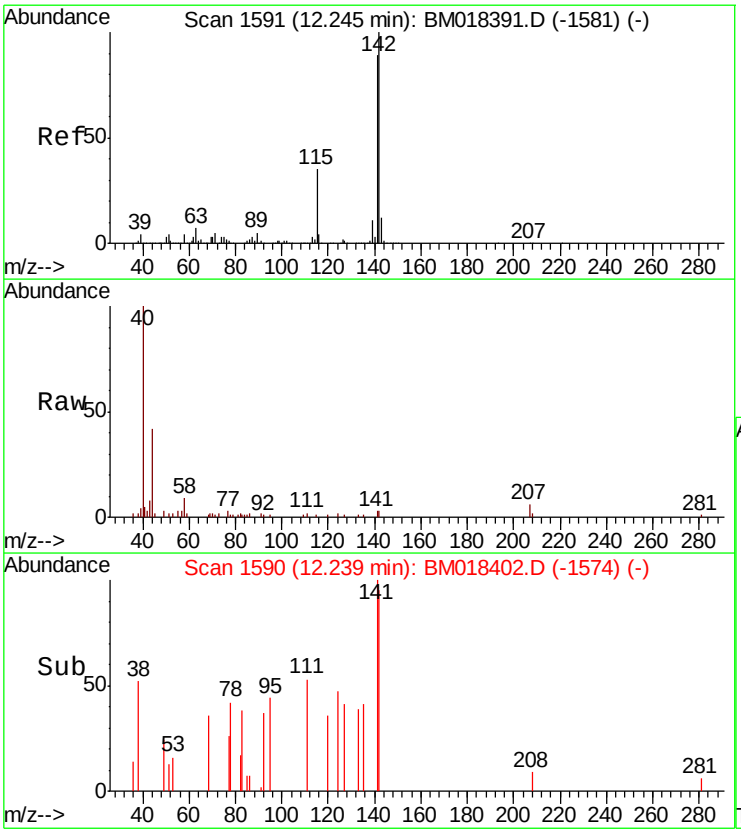

#36
4-Chloro-3-methylphenol
Concen: 0.087 ng
RT: 11.85 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion:107 Resp: 1945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 0.0 | 21.9 | 32.9# |
| 142 | 46.5 | 67.9 | 101.9# |

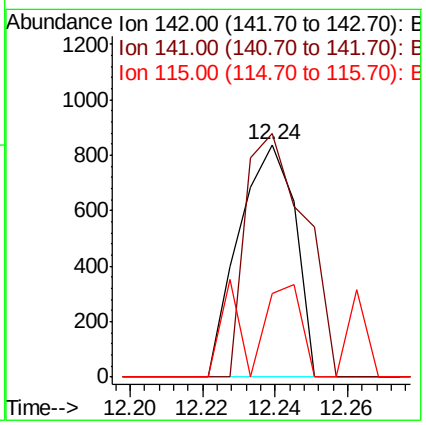


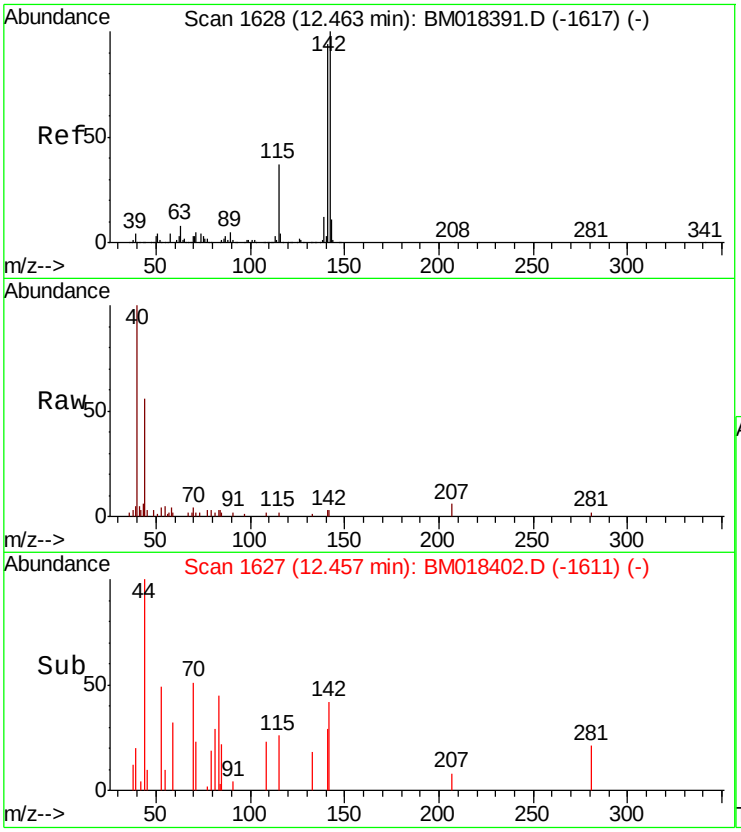




#37
2-Methylnaphthalene
Concen: 0.018 ng
RT: 12.24 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion:142 Resp: 901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 104.8 | 71.4 | 107.2 |
| 115 | 36.2 | 28.0 | 42.0 |



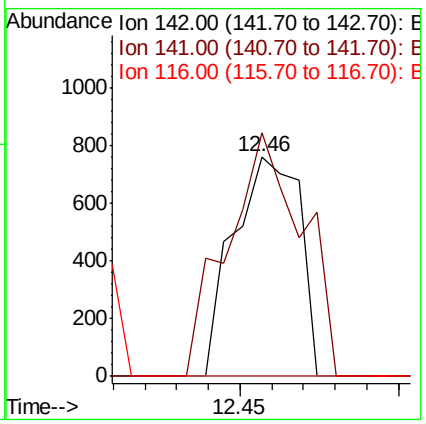


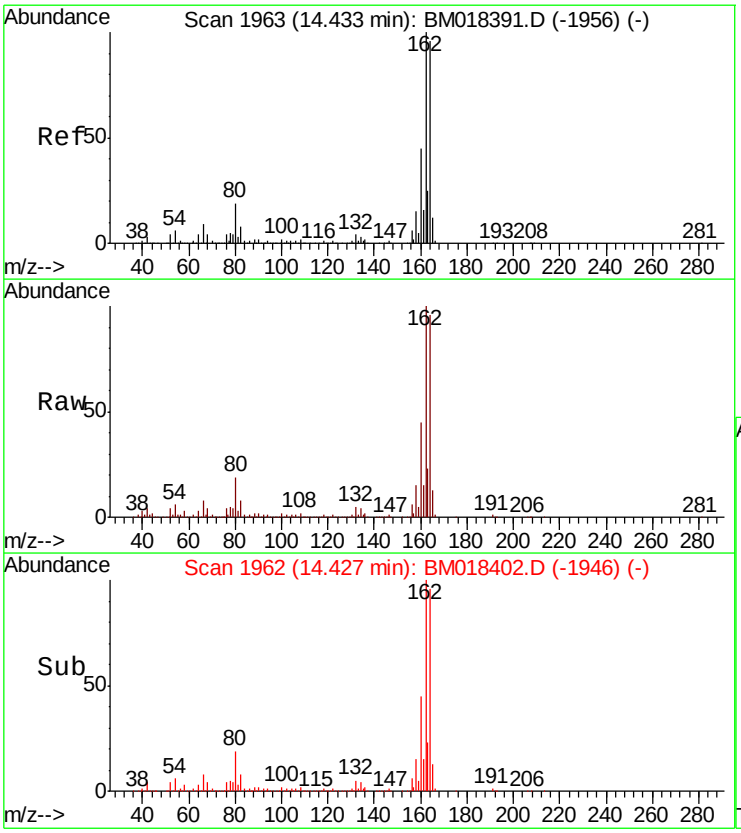

#38
1-Methylnaphthalene
Concen: 0.023 ng
RT: 12.46 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion:142 Resp: 1108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 111.0 | 75.6 | 113.4 |
| 116 | 0.0 | 3.0 | 4.6# |

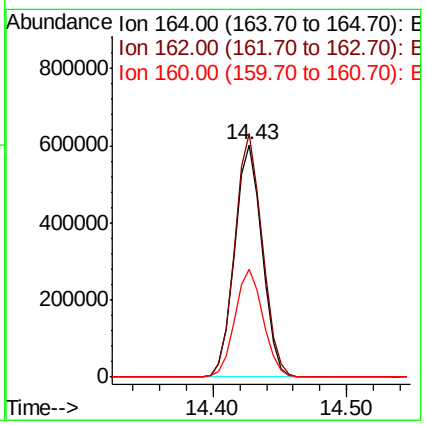


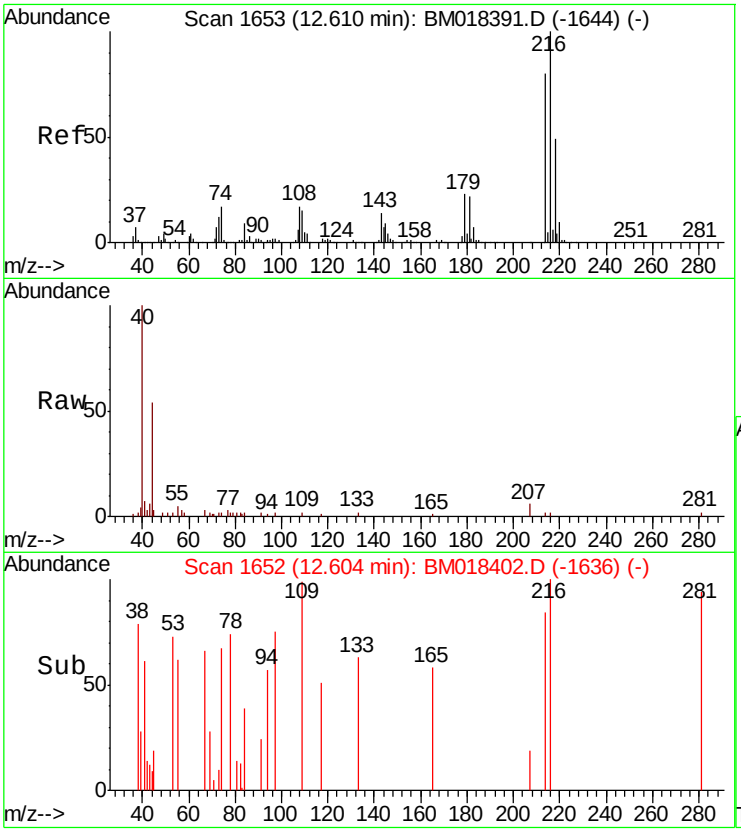




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion:164 Resp: 857315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.6 | 83.0 | 124.4 |
| 160 | 46.6 | 37.1 | 55.7 |



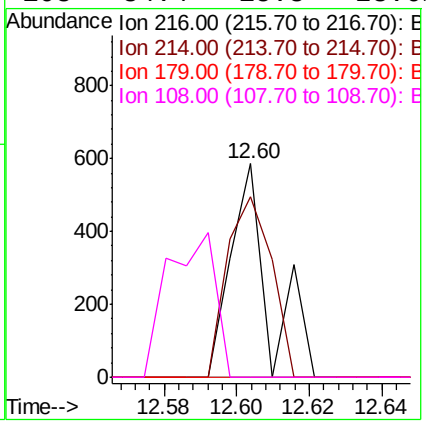


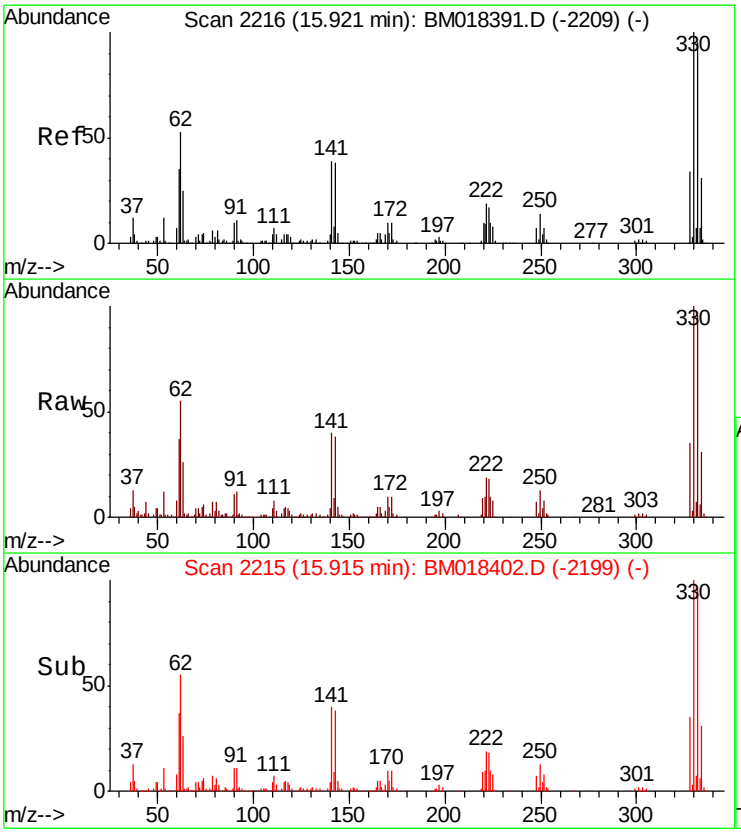

#40
1,2,4,5-Tetrachlorobenzene
Concen: 0.016 ng
RT: 12.60 min Scan# 1652
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion:216 Resp: 430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 98.4 | 63.4 | 95.0# |
| 179 | 0.0 | 17.9 | 26.9# |
| 108 | 84.4 | 15.8 | 23.6# |

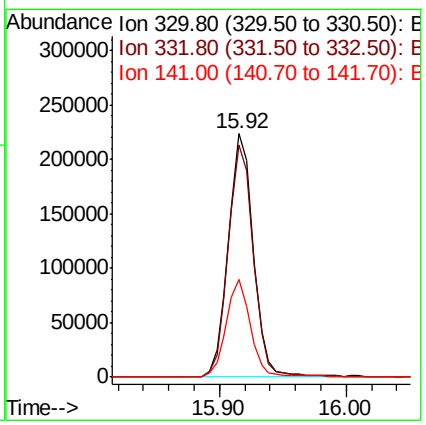


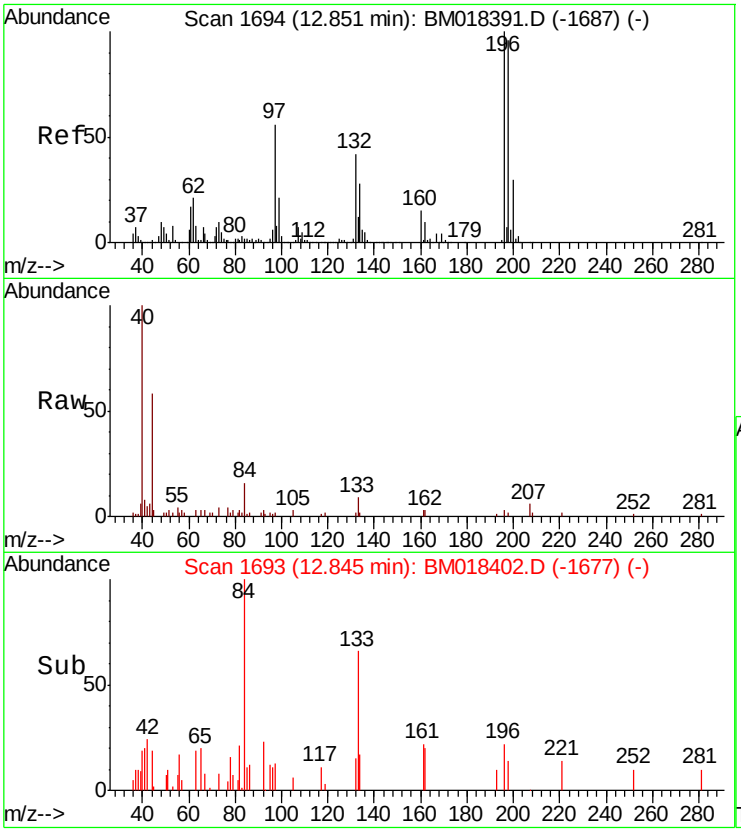




#42
2,4,6-Tribromophenol
Concen: 27.994 ng
RT: 15.92 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion:330 Resp: 304932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.7 | 77.6 | 116.4 |
| 141 | 38.9 | 31.7 | 47.5 |



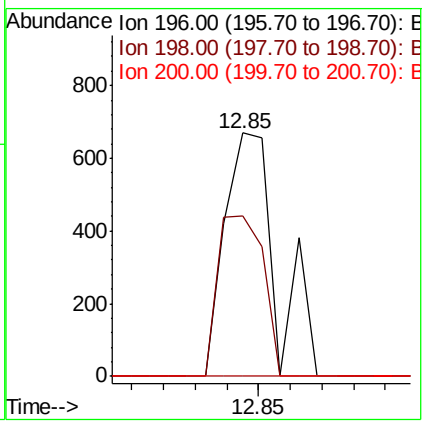


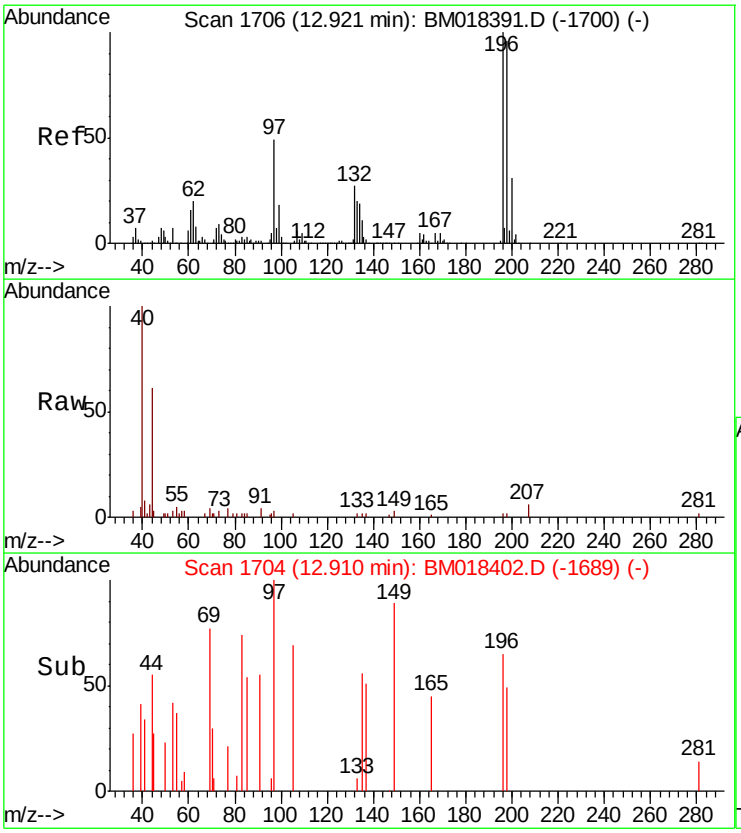

#43
2,4,6-Trichlorophenol
Concen: 0.049 ng
RT: 12.85 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion:196 Resp: 751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 66.1 | 76.6 | 115.0# |
| 200 | 0.0 | 24.2 | 36.4# |

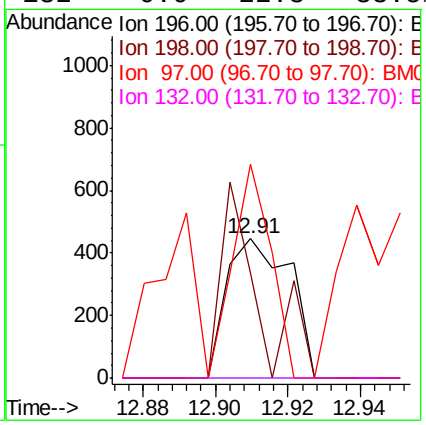


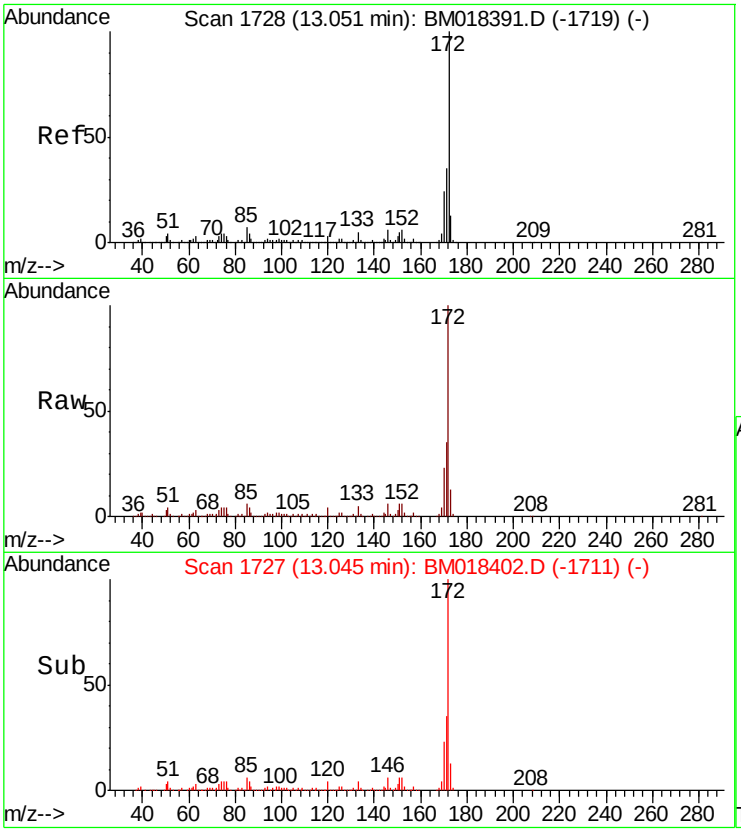




#44
2,4,5-Trichlorophenol
Concen: 0.032 ng
RT: 12.91 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion:196 Resp: 540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 75.6 | 76.7 | 115.1# |
| 97 | 153.1 | 39.2 | 58.8# |
| 132 | 0.0 | 22.3 | 33.5# |



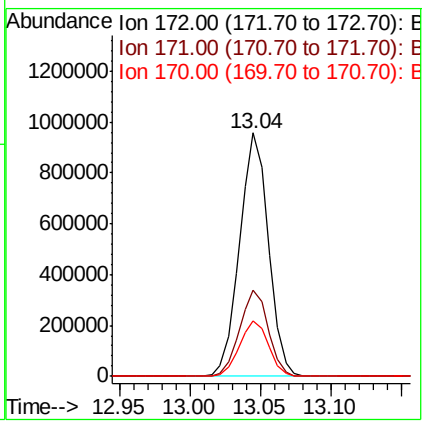


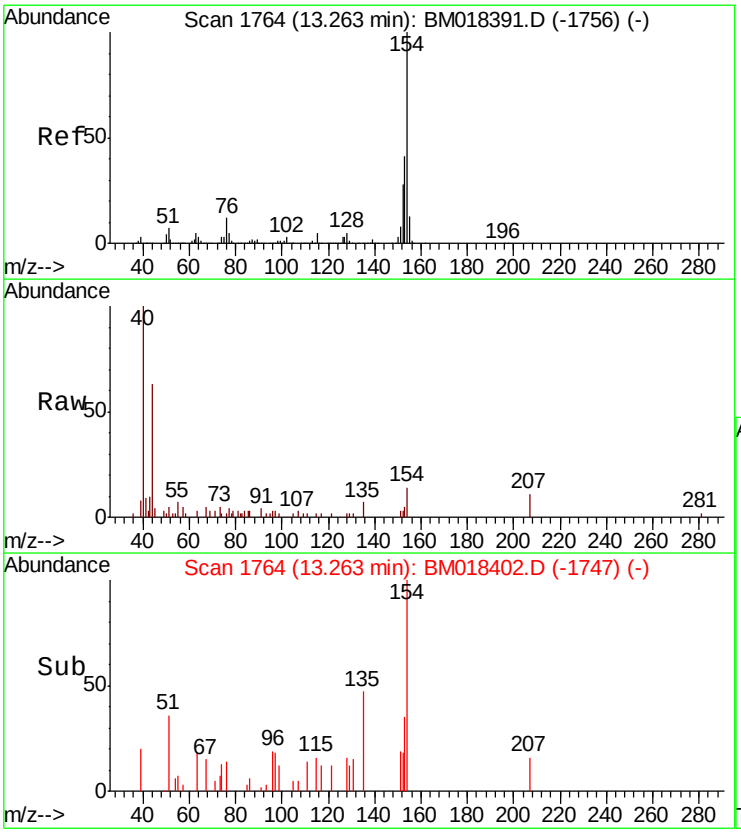

#45
2-Fluorobiphenyl
Concen: 21.603 ng
RT: 13.04 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion:172 Resp: 1367419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.2 | 28.2 | 42.4 |
| 170 | 22.8 | 18.9 | 28.3 |

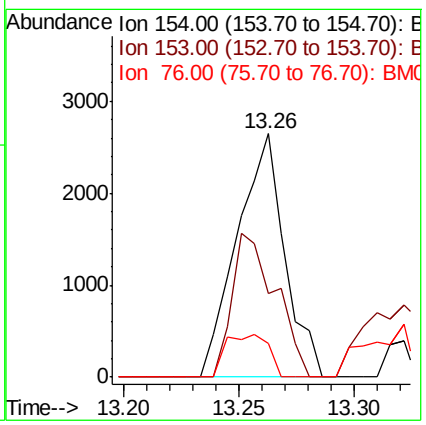


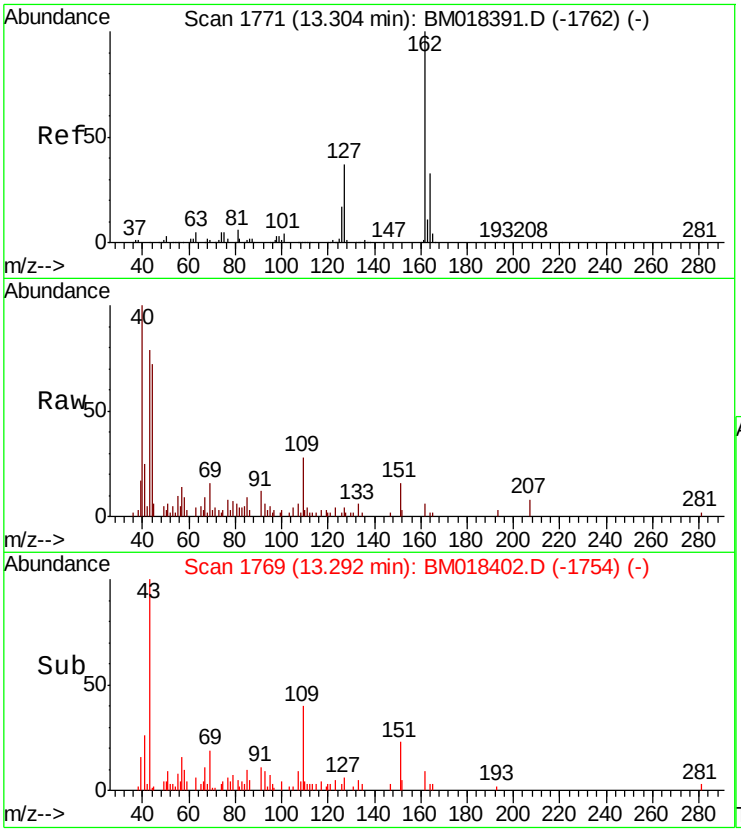




#46
1,1'-Biphenyl
Concen: 0.052 ng
RT: 13.26 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion:154 Resp: 3796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 34.6 | 20.5 | 60.5 |
| 76 | 13.7 | 0.0 | 31.9 |



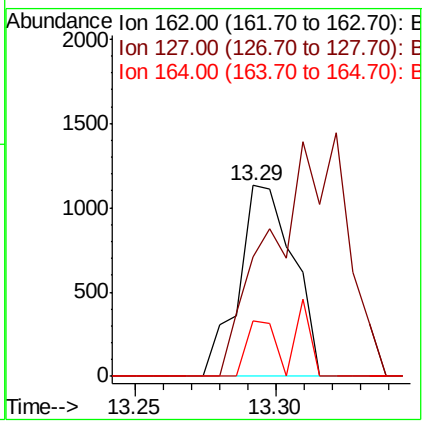


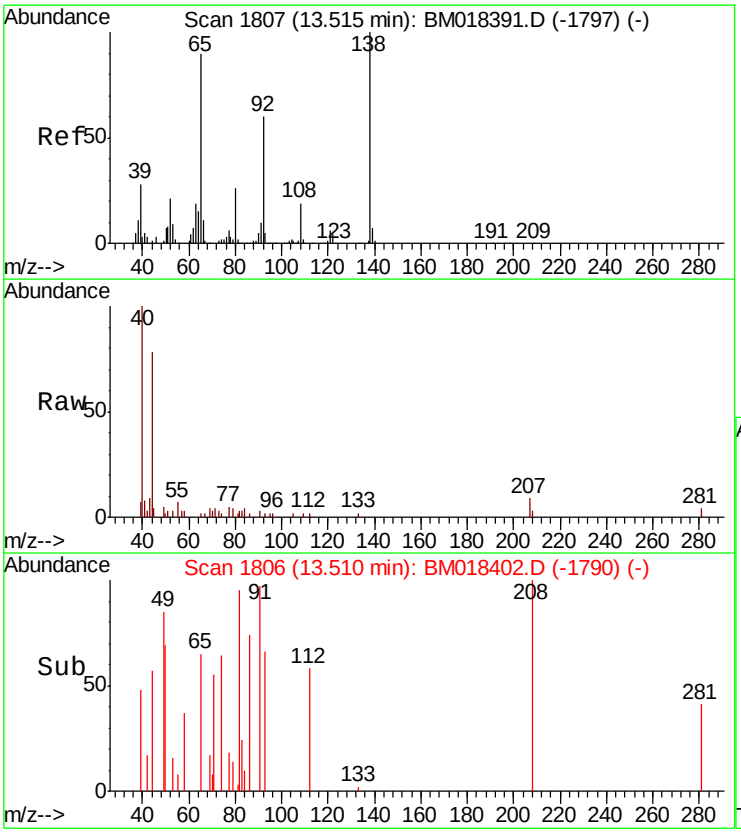

#47
2-Chloronaphthalene
Concen: 0.027 ng
RT: 13.29 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion:162 Resp: 1518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 62.4 | 31.4 | 47.0# |
| 164 | 28.9 | 26.2 | 39.4 |

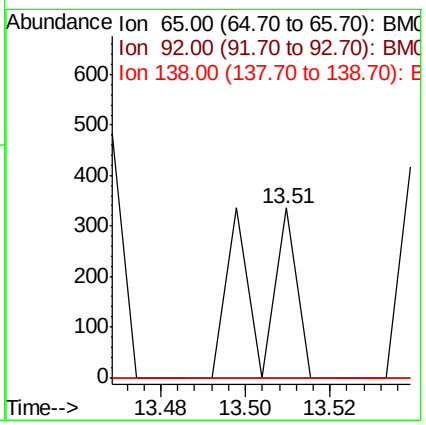


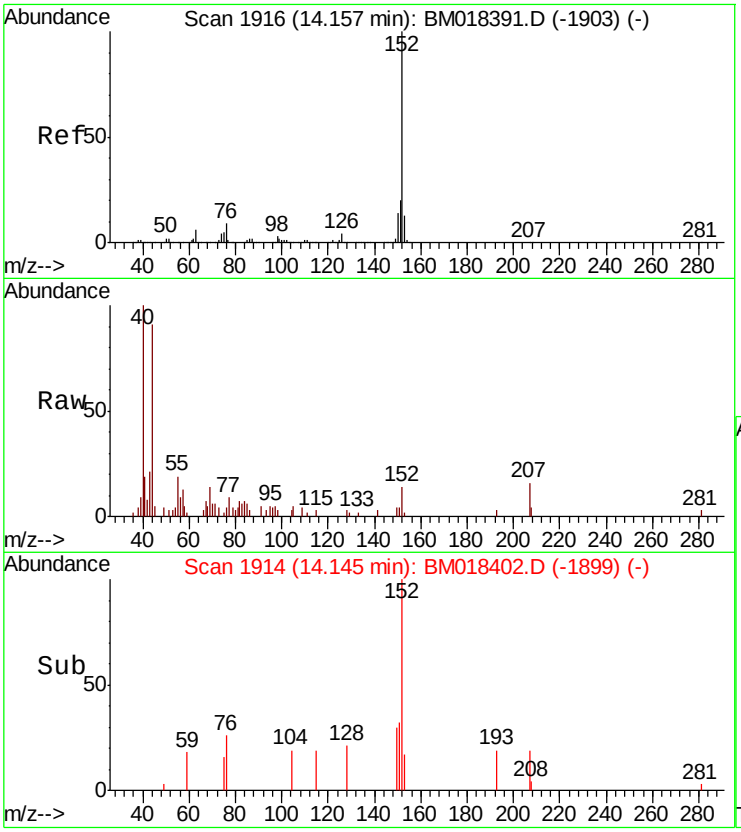




#48
2-Nitroaniline
Concen: 0.016 ng
RT: 13.51 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion: 65 Resp: 237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 0.0 | 53.4 | 80.2# |
| 138 | 0.0 | 88.9 | 133.3# |



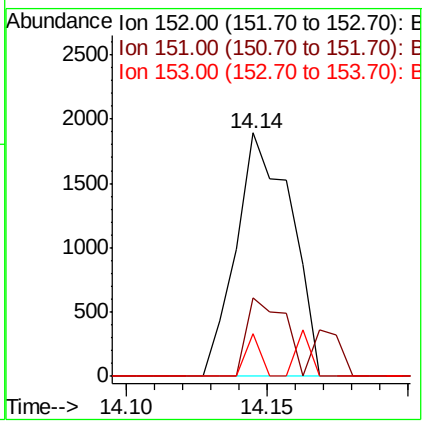


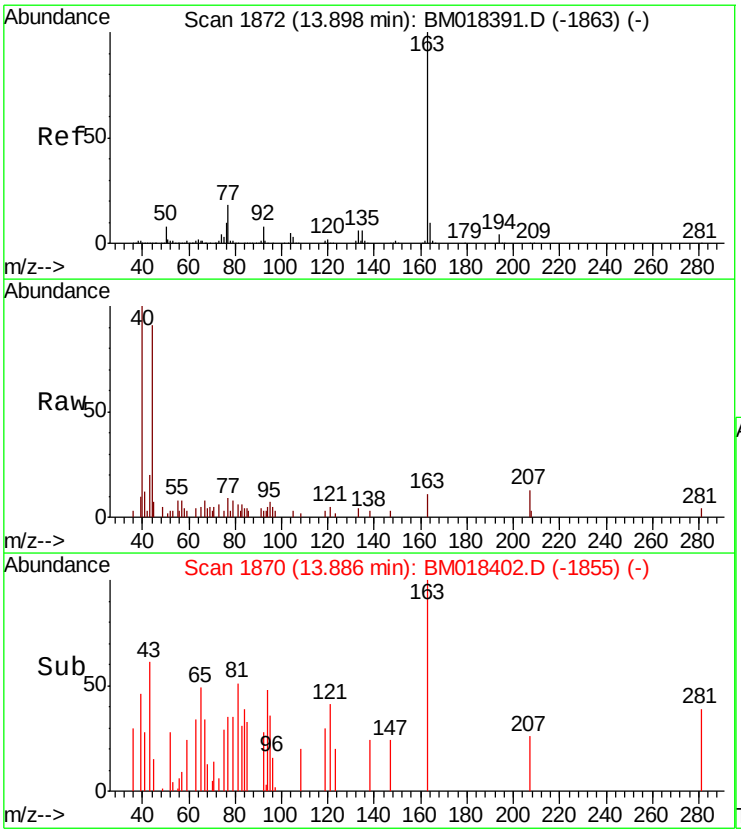

#49
Acenaphthylene
Concen: 0.030 ng
RT: 14.14 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion:152 Resp: 2557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 32.4 | 15.7 | 23.5# |
| 153 | 17.4 | 10.5 | 15.7# |

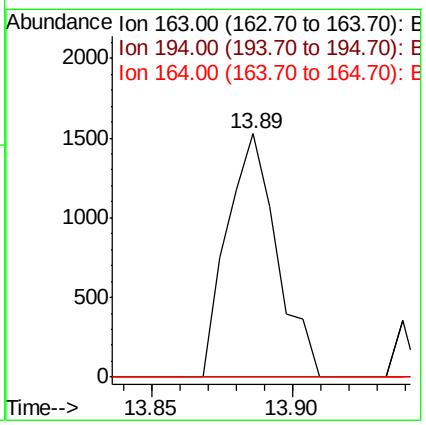


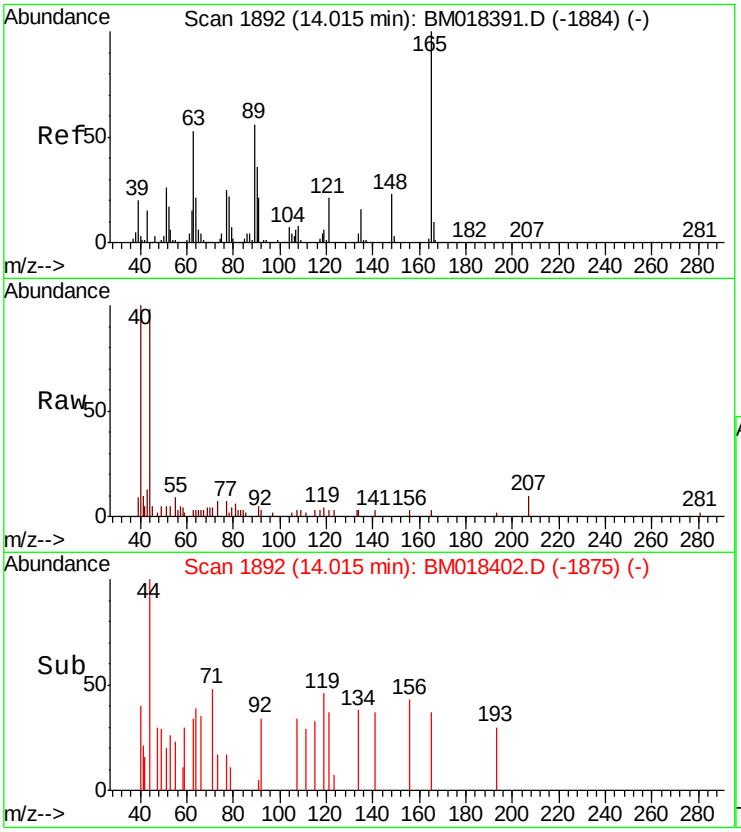




#50
Dimethylphthalate
Concen: 0.026 ng
RT: 13.89 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion:163 Resp: 1863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 0.0 | 3.0 | 4.6# |
| 164 | 0.0 | 7.8 | 11.8# |



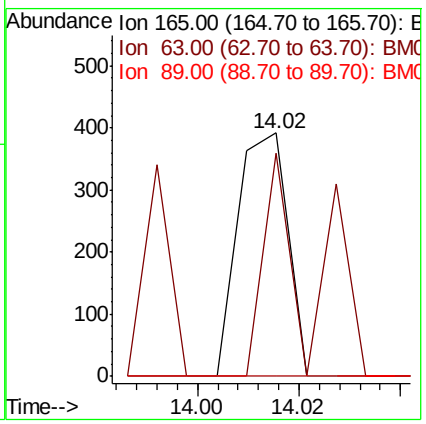


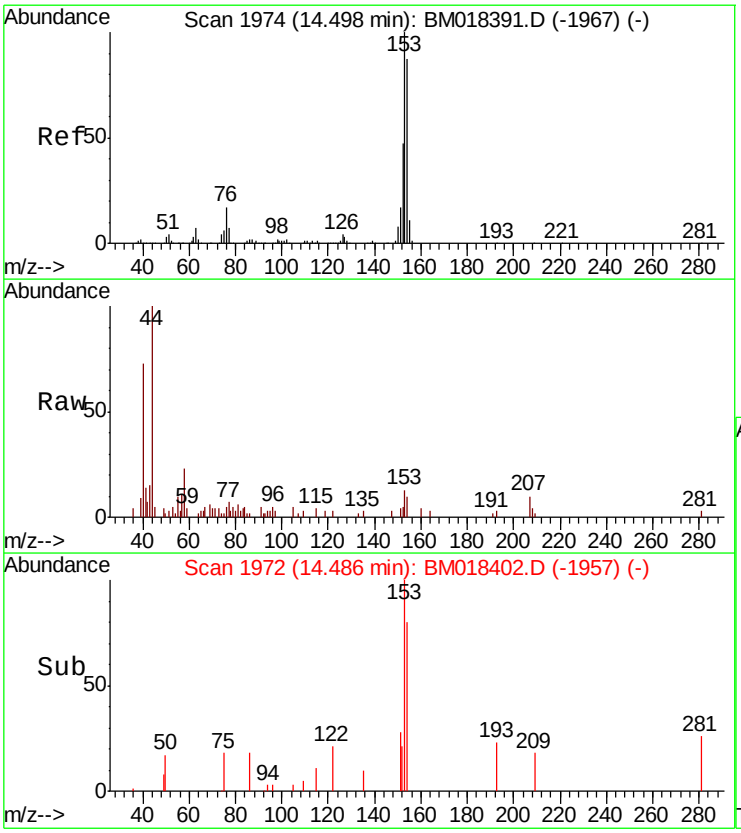

#51
2,6-Dinitrotoluene
Concen: 0.018 ng
RT: 14.02 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion:165 Resp: 267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 91.6 | 45.6 | 68.4# |
| 89 | 0.0 | 44.6 | 66.8# |

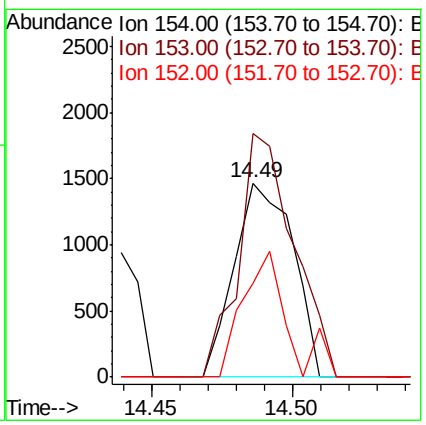


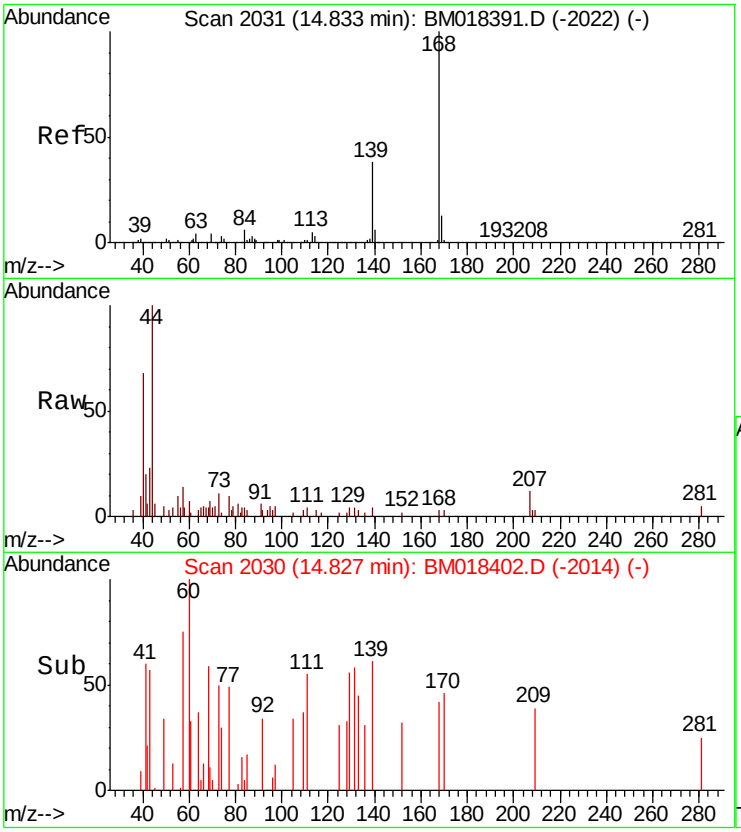




#52
Acenaphthene
Concen: 0.041 ng
RT: 14.49 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion:154 Resp: 2123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 125.7 | 92.3 | 138.5 |
| 152 | 48.6 | 43.8 | 65.6 |



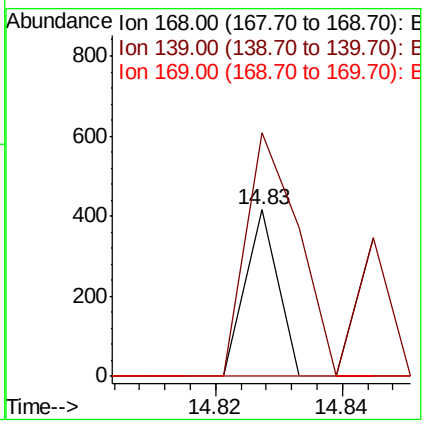


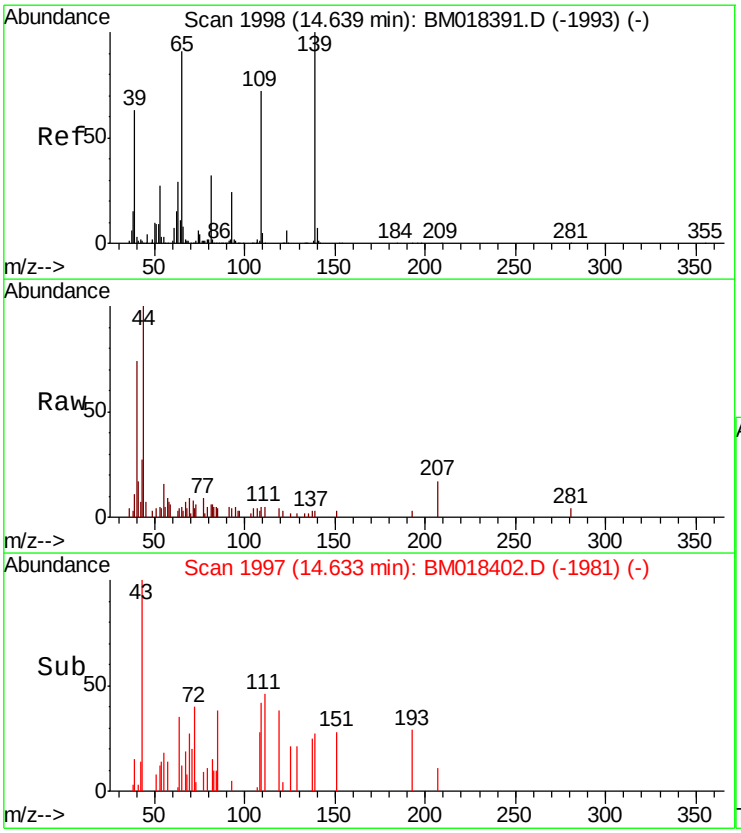

#55
Dibenzofuran
Concen: 0.002 ng
RT: 14.83 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion:168 Resp: 147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 146.2 | 30.3 | 45.5# |
| 169 | 0.0 | 10.6 | 16.0# |

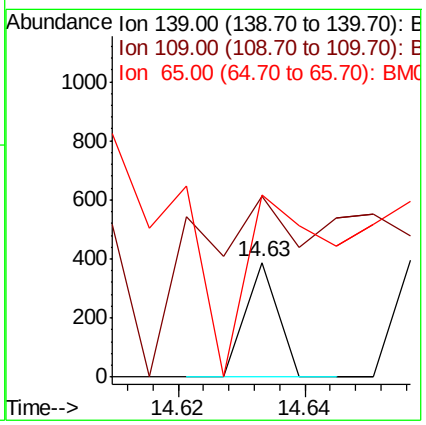


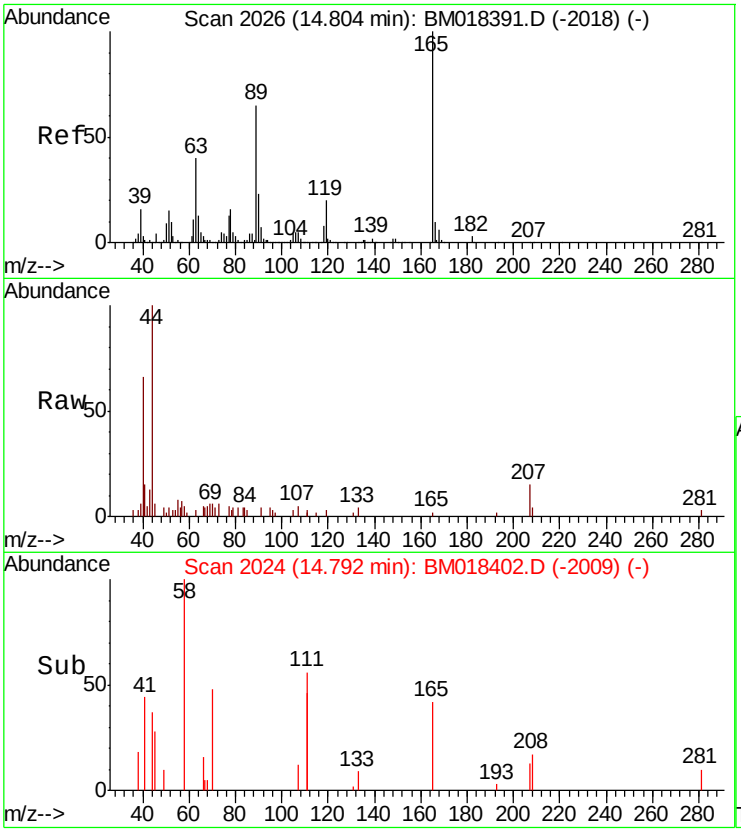




#56
4-Nitrophenol
Concen: 5.675 ng
RT: 14.63 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion:139 Resp: 137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 157.9 | 51.7 | 91.7# |
| 65 | 159.4 | 71.4 | 111.4# |



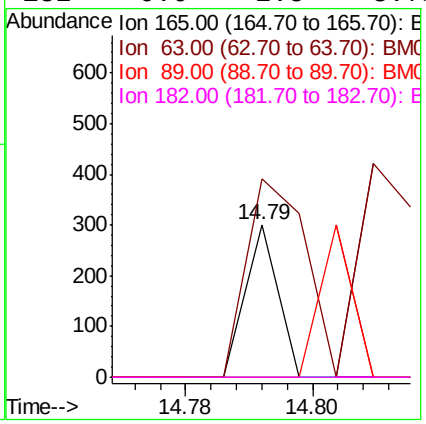


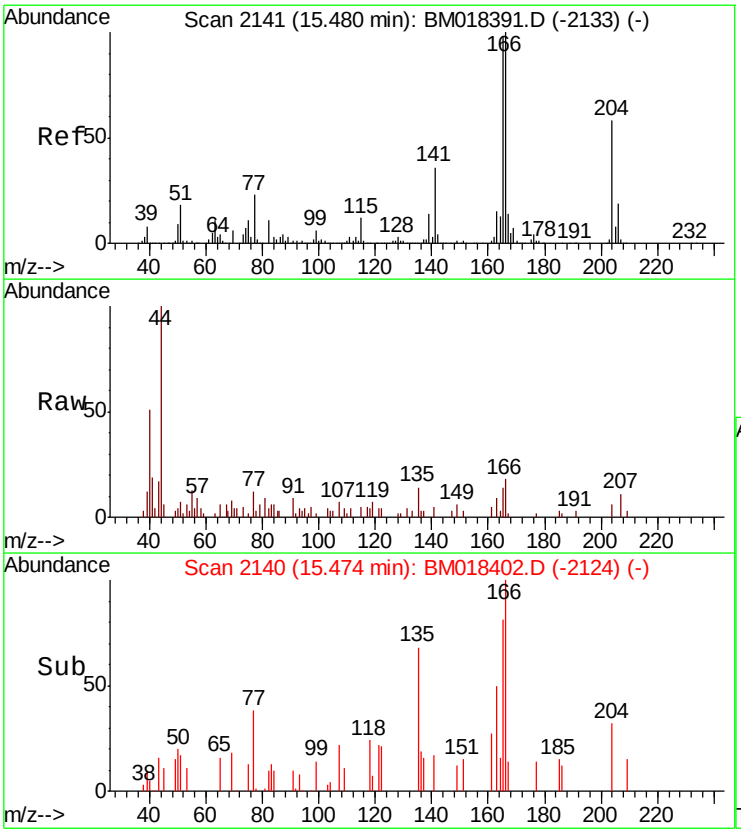

#57
2,4-Dinitrotoluene
Concen: 0.005 ng
RT: 14.79 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion:165 Resp: 106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 129.9 | 32.2 | 48.2# |
| 89 | 0.0 | 52.1 | 78.1# |
| 182 | 0.0 | 2.5 | 3.7# |

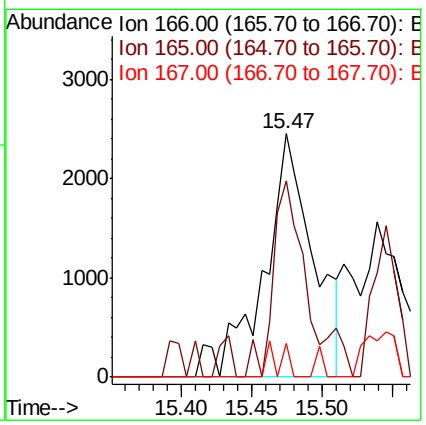


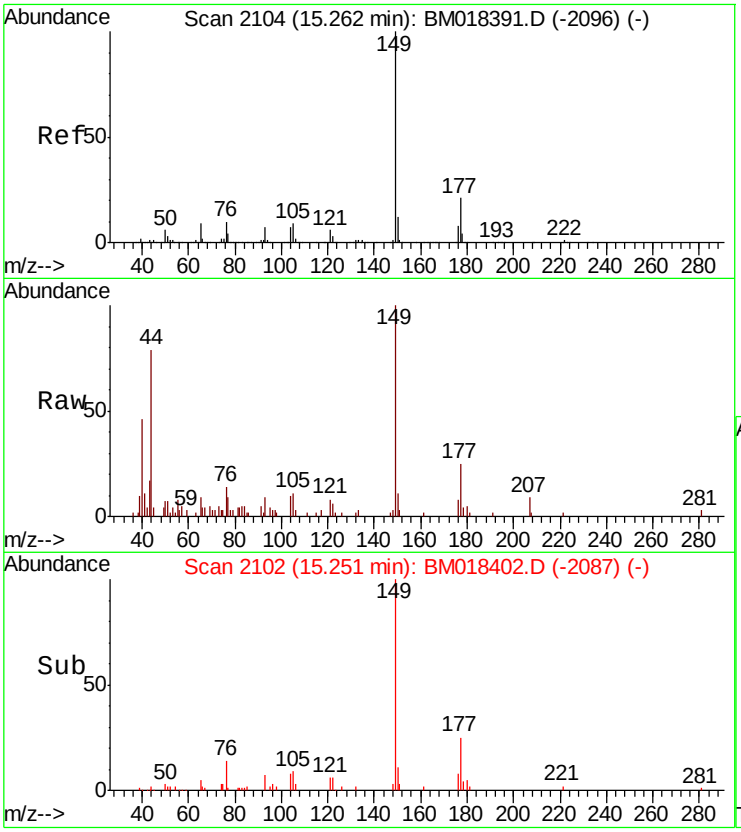




#58
Fluorene
Concen: 0.090 ng
RT: 15.47 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion:166 Resp: 5982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 80.6 | 78.3 | 117.5 |
| 167 | 13.9 | 10.9 | 16.3 |



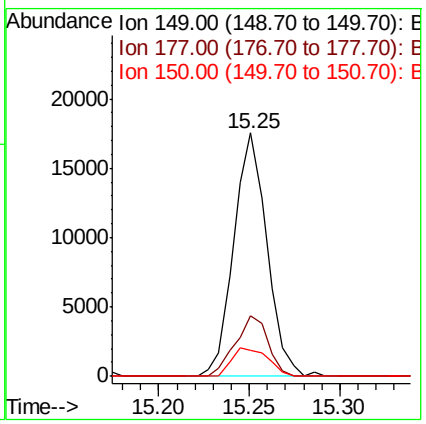


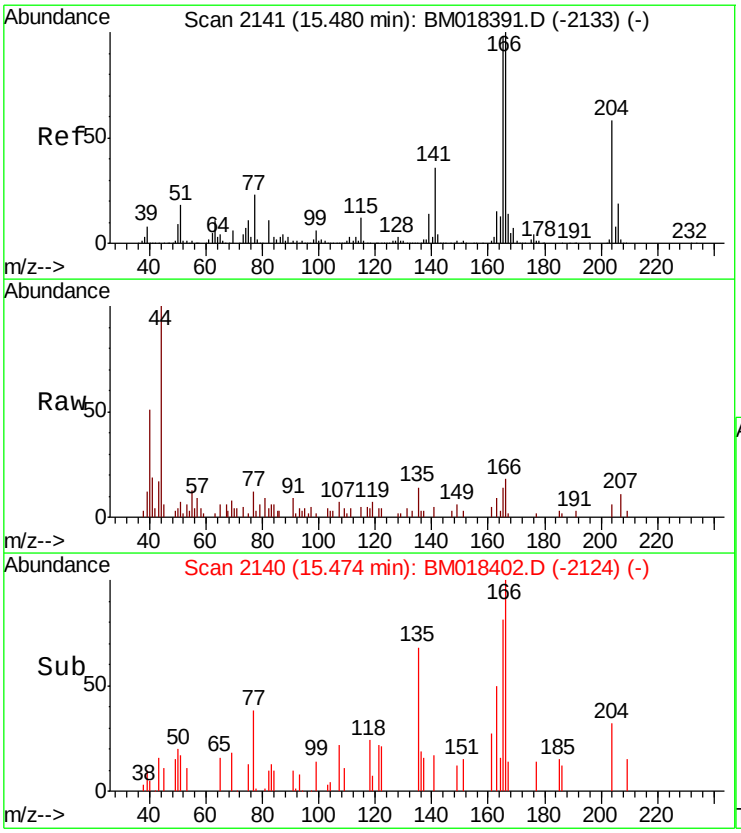

#60
Diethylphthalate
Concen: 0.298 ng
RT: 15.25 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion:149 Resp: 22327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 24.9 | 17.1 | 25.7 |
| 150 | 10.7 | 9.8 | 14.6 |

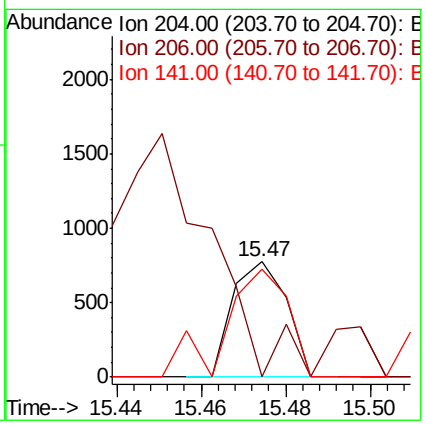


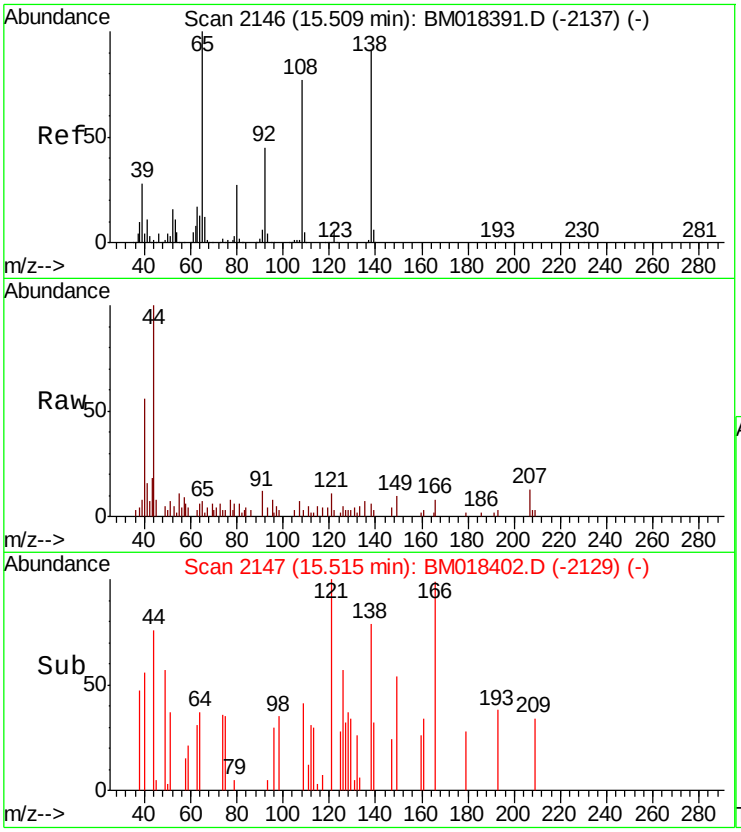




#61
4-Chlorophenyl-phenylether
Concen: 0.019 ng
RT: 15.47 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion:204 Resp: 684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 0.0 | 25.8 | 38.6# |
| 141 | 94.2 | 49.5 | 74.3# |



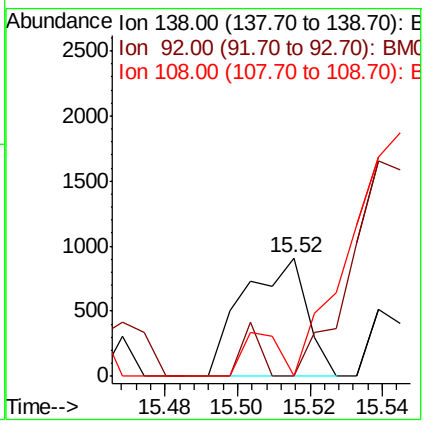


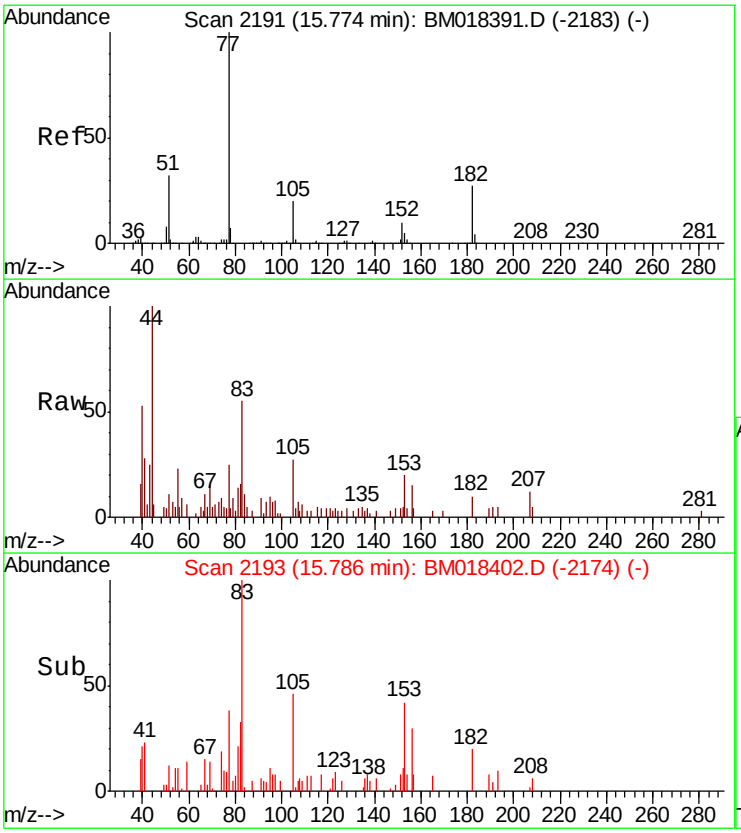

#62
4-Nitroaniline
Concen: 0.062 ng
RT: 15.52 min Scan# 2147
Delta R.T. 0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion:138 Resp: 1103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 0.0 | 29.0 | 69.0# |
| 108 | 0.0 | 63.9 | 103.9# |

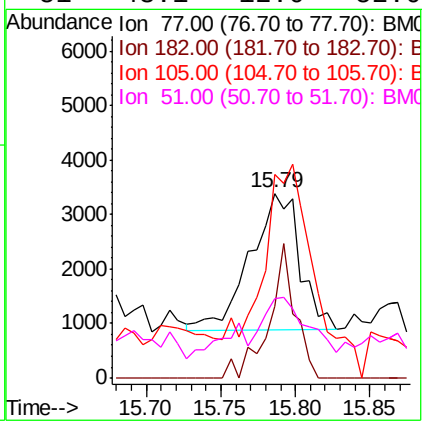


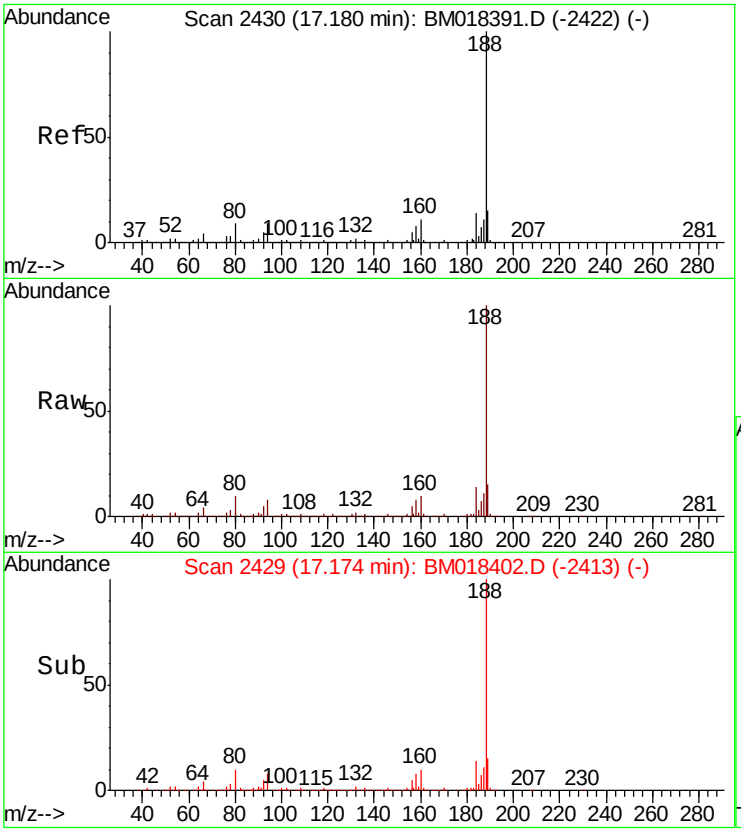




#63
Azobenzene
Concen: 0.086 ng
RT: 15.79 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion: 77 Resp: 5841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 39.1 | 7.4 | 47.4 |
| 105 | 110.2 | 0.0 | 39.6# |
| 51 | 43.1 | 12.0 | 52.0 |



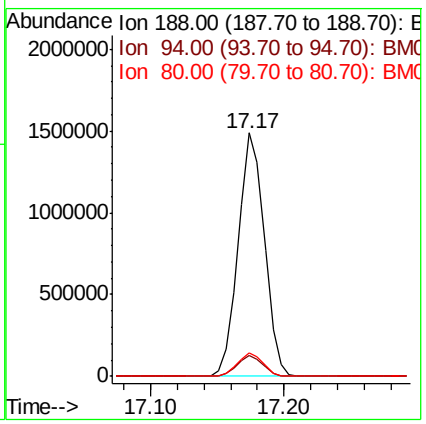


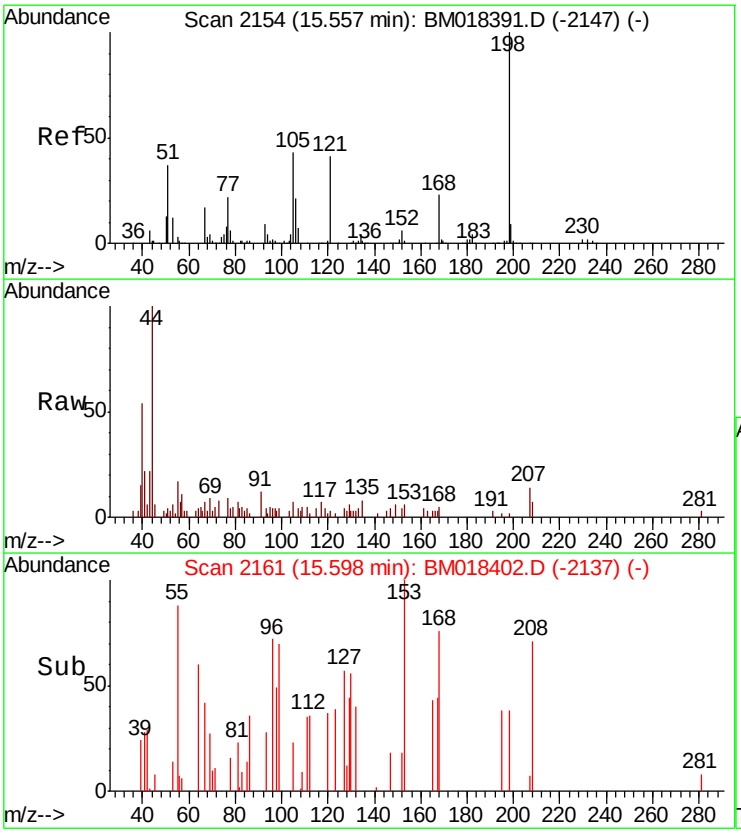

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion:188 Resp: 2019948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.4 | 7.1 | 10.7 |
| 80 | 9.9 | 7.6 | 11.4 |

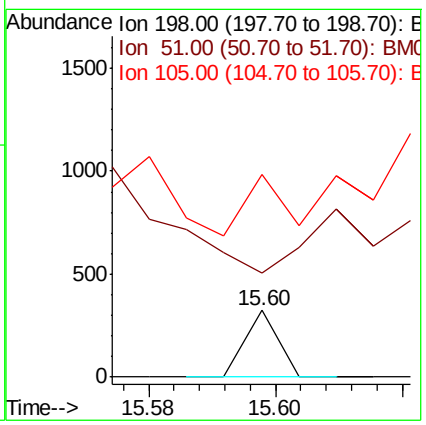


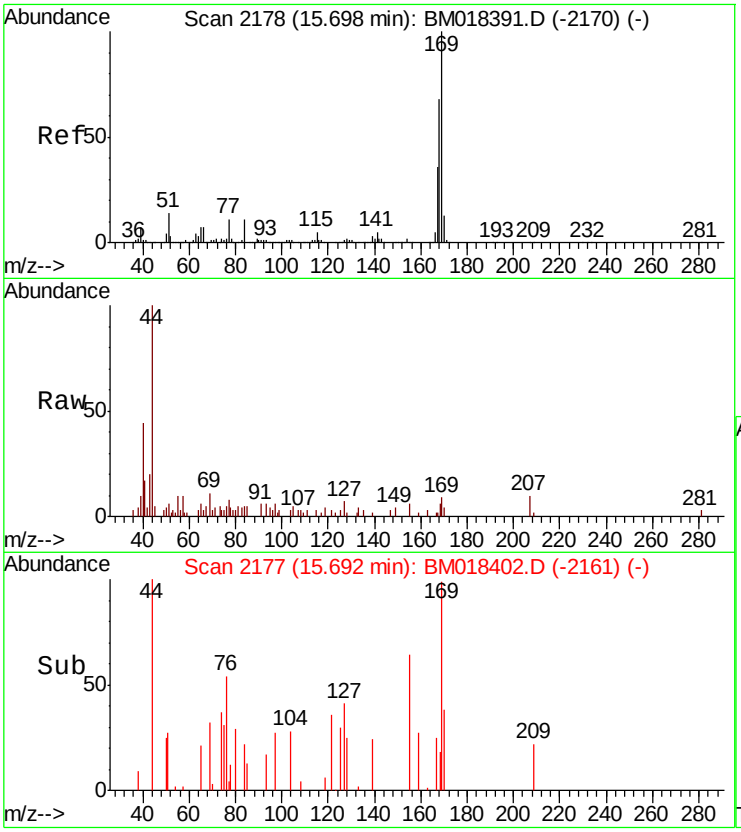




#65
4,6-Dinitro-2-methylphenol
Concen: 2.487 ng
RT: 15.60 min Scan# 2161
Delta R.T. 0.04 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion:198 Resp: 114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 156.2 | 29.6 | 69.6# |
| 105 | 304.0 | 25.5 | 65.5# |



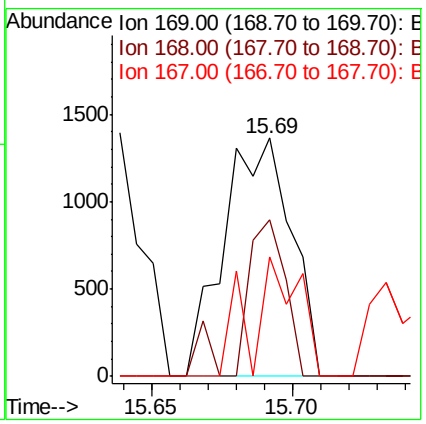


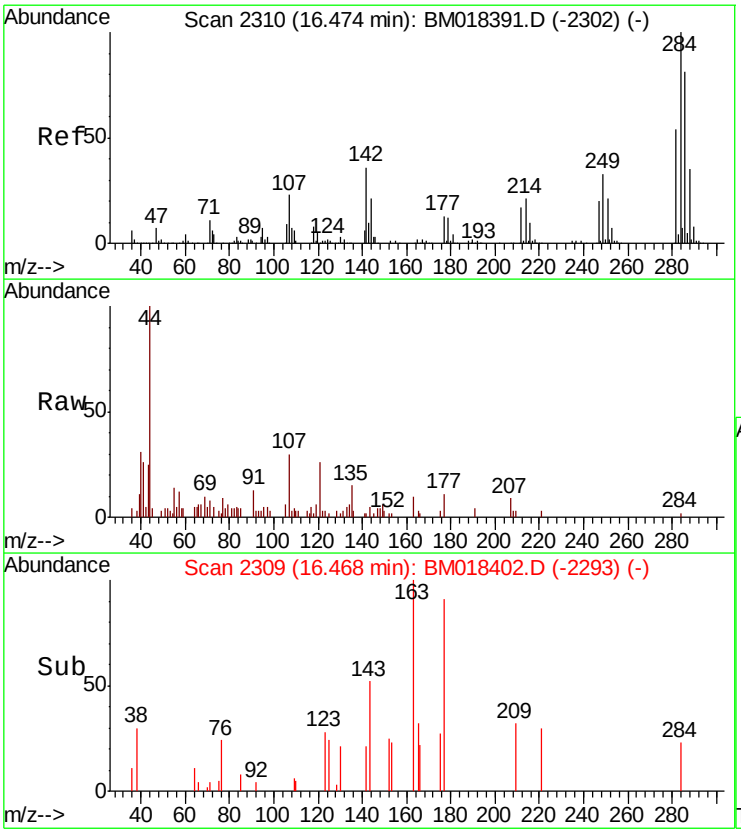

#66
n-Nitrosodiphenylamine
Concen: 0.036 ng
RT: 15.69 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion:169 Resp: 2272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.9 | 54.1 | 81.1 |
| 167 | 50.4 | 28.6 | 42.8# |

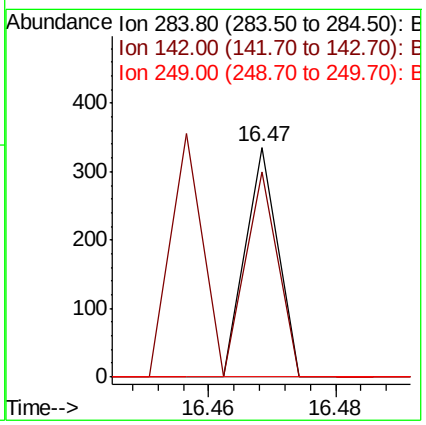


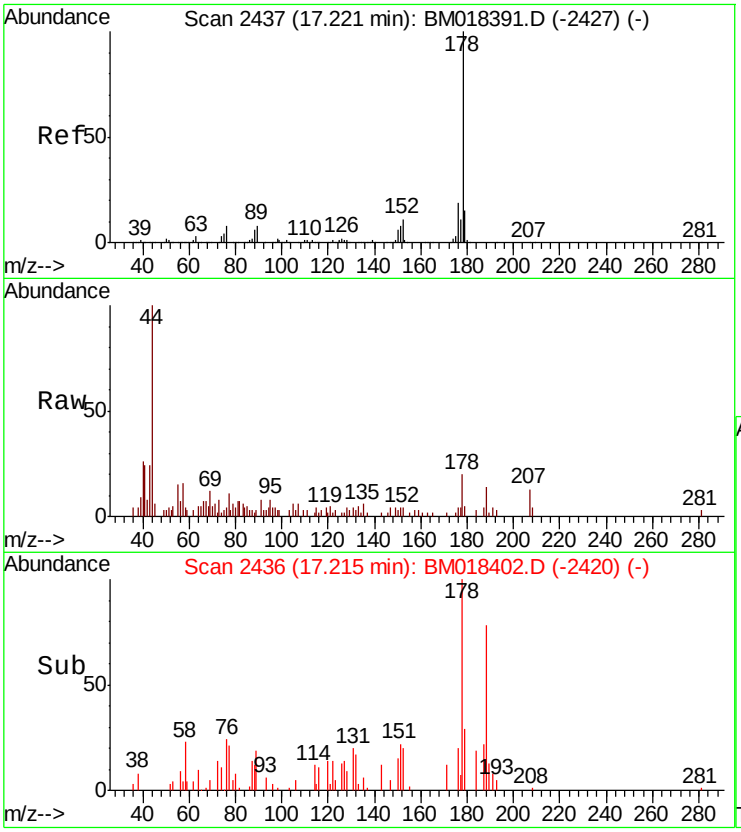




#68
Hexachlorobenzene
Concen: 0.005 ng
RT: 16.47 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion:284 Resp: 119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 89.3 | 29.2 | 43.8# |
| 249 | 0.0 | 26.1 | 39.1# |



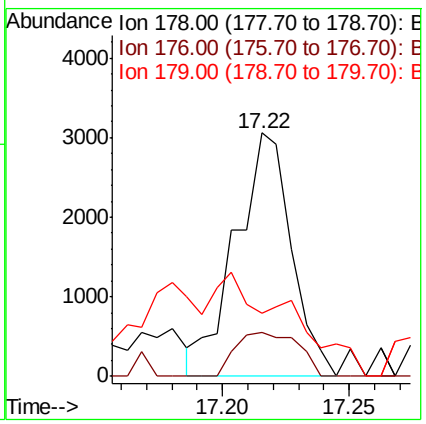


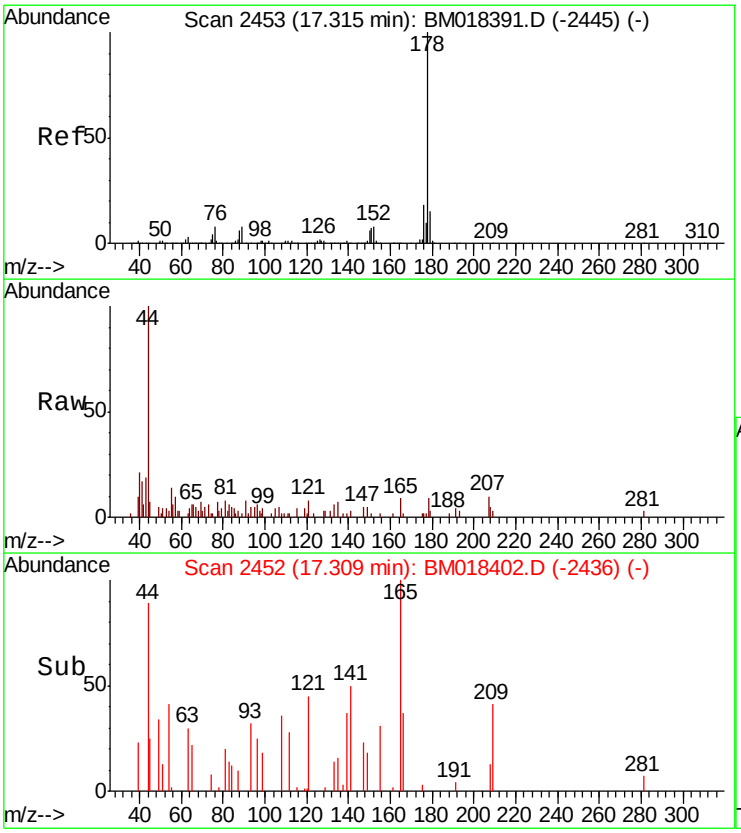

#71
Phenanthrene
Concen: 0.044 ng
RT: 17.22 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion:178 Resp: 4677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 17.8 | 15.4 | 23.0 |
| 179 | 25.8 | 12.2 | 18.4# |

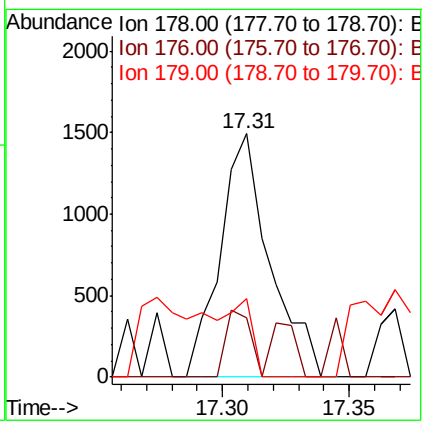


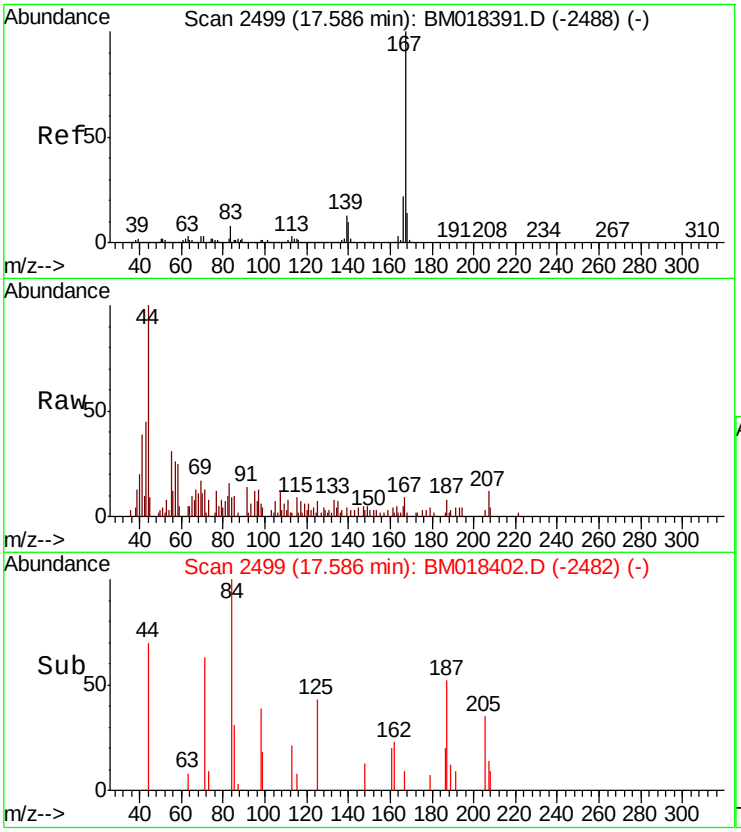




#72
Anthracene
Concen: 0.019 ng
RT: 17.31 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion:178 Resp: 2048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 24.3 | 14.7 | 22.1# |
| 179 | 32.1 | 12.2 | 18.4# |



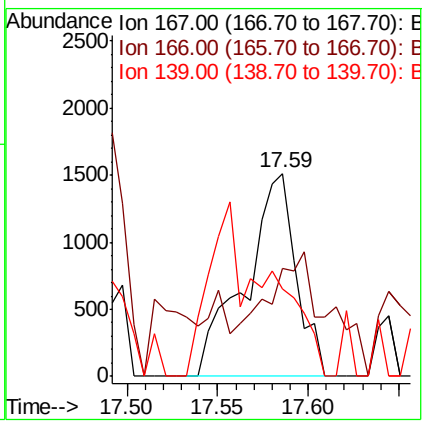


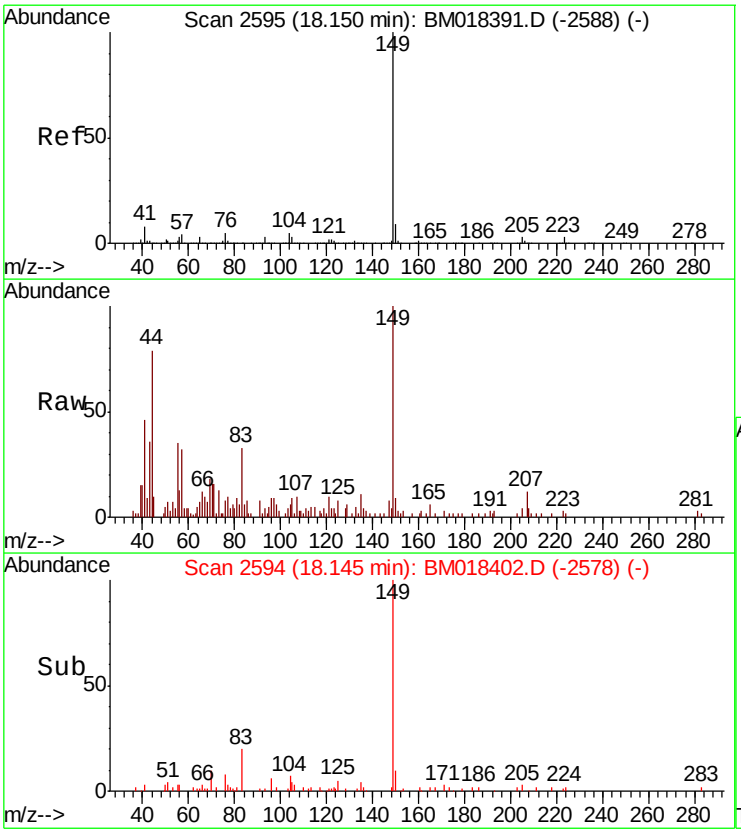

#73
Carbazole
Concen: 0.026 ng
RT: 17.59 min Scan# 2499
Delta R.T. 0.00 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion:167 Resp: 2948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 53.5 | 17.4 | 26.2# |
| 139 | 42.9 | 10.6 | 16.0# |

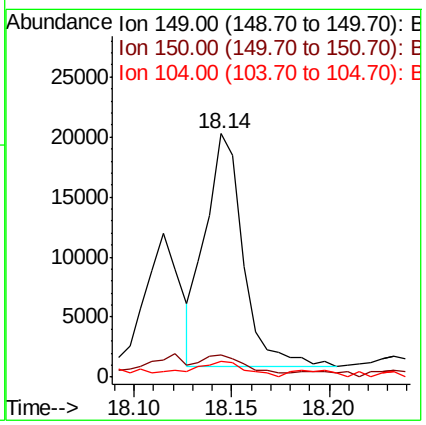


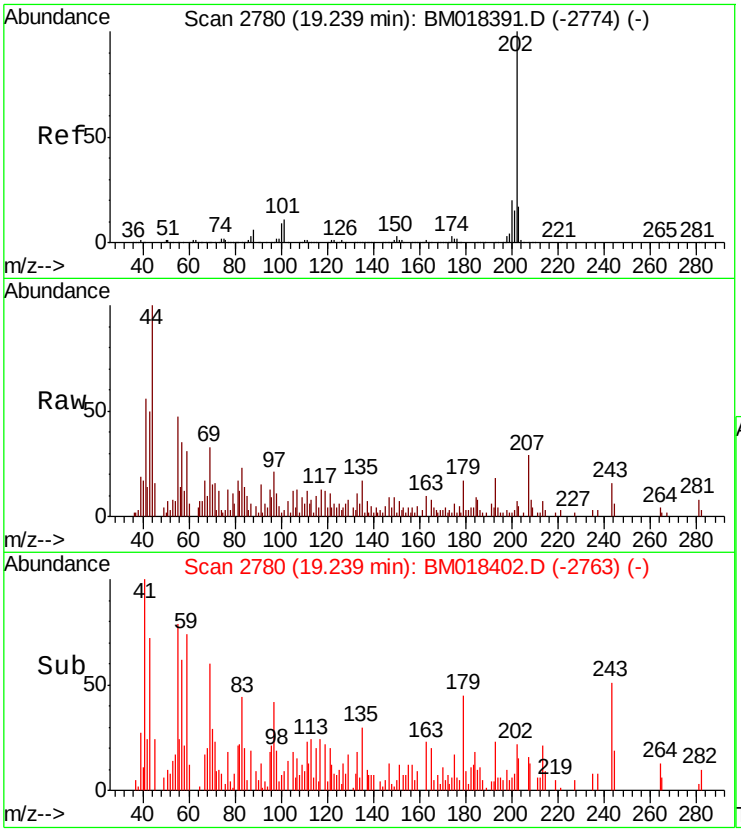




#74
Di-n-butylphthalate
Concen: 0.206 ng
RT: 18.14 min Scan# 2594
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion:149 Resp: 26202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.3 | 7.3 | 10.9 |
| 104 | 6.3 | 4.2 | 6.4 |



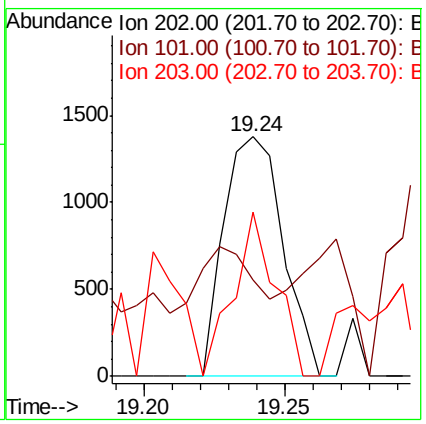


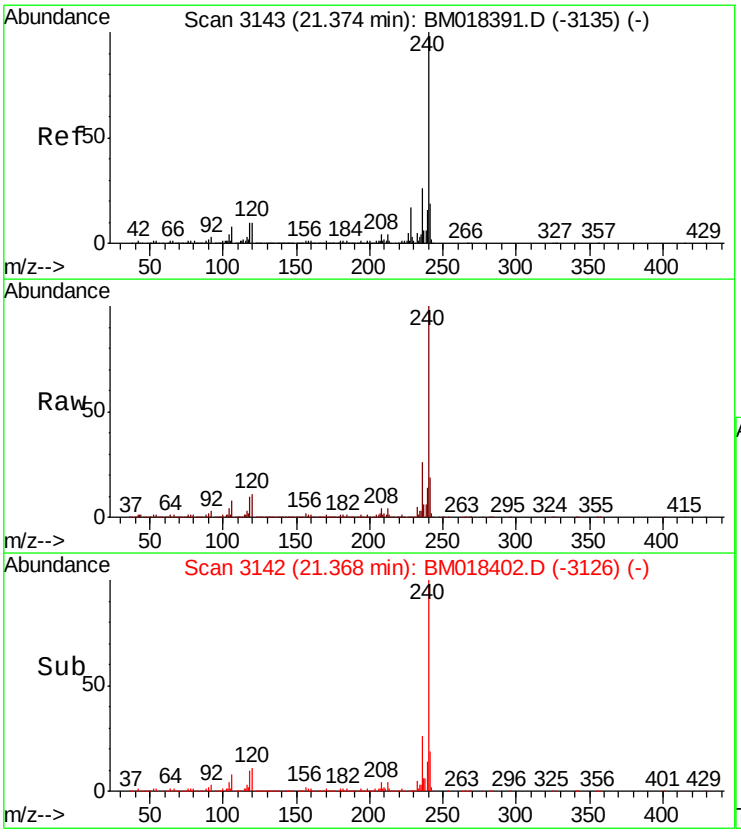

#75
Fluoranthene
Concen: 0.016 ng
RT: 19.24 min Scan# 2780
Delta R.T. 0.00 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion:202 Resp: 1999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 40.0 | 0.0 | 30.9# |
| 203 | 68.4 | 0.0 | 37.4# |

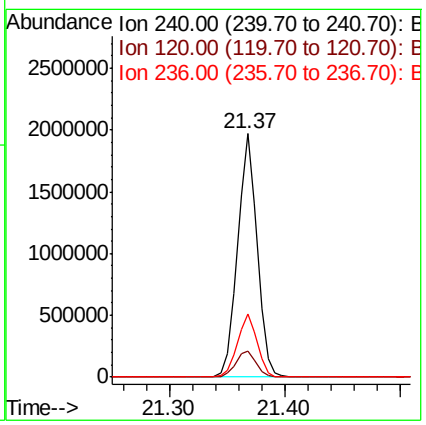


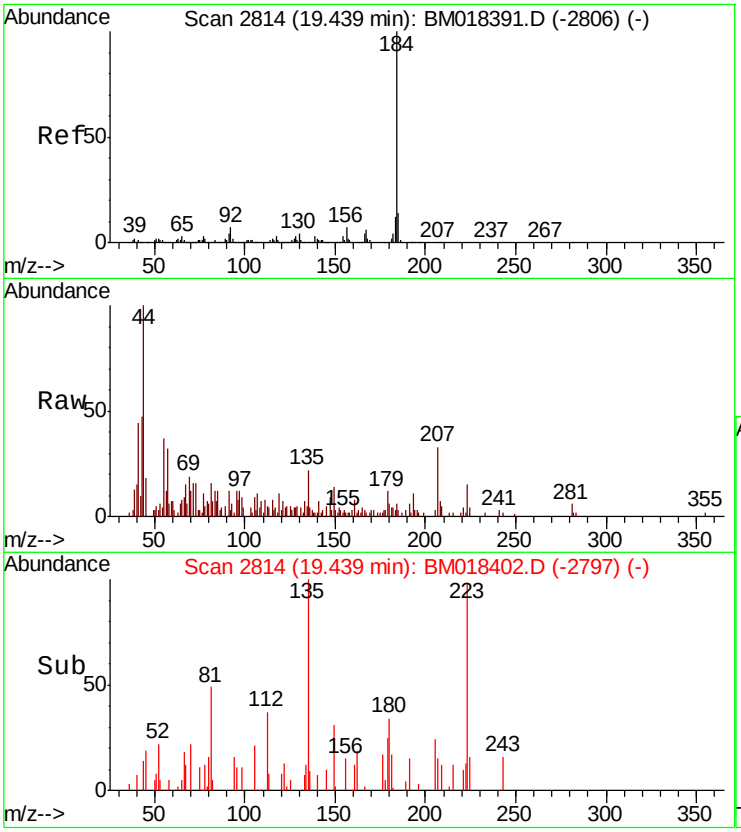




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion:240 Resp: 2295110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.7 | 8.4 | 12.6 |
| 236 | 25.9 | 20.7 | 31.1 |



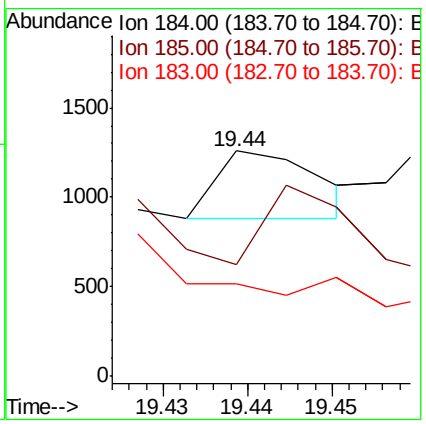


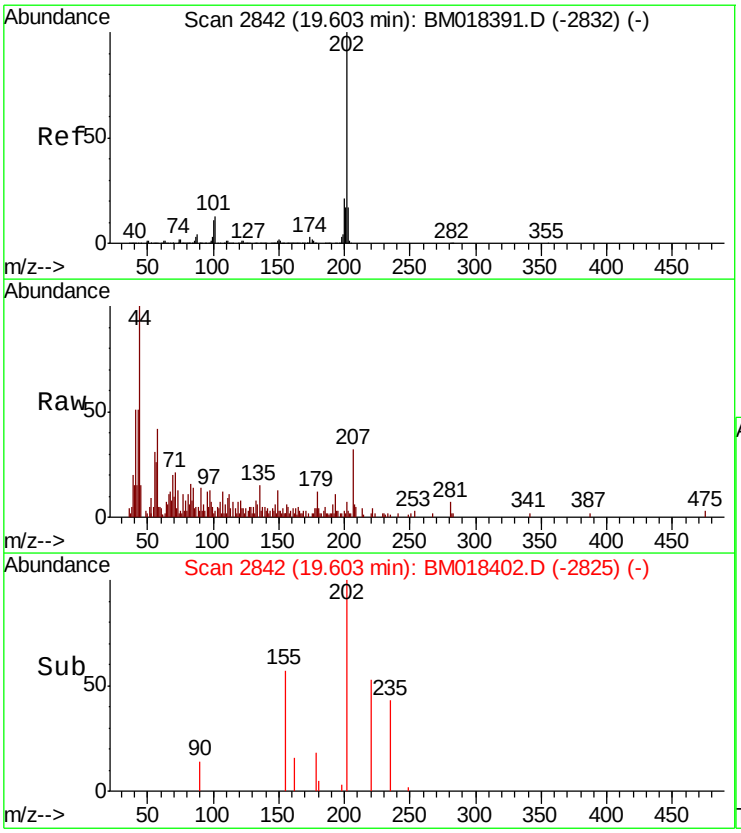

#77
Benzidine
Concen: 0.005 ng
RT: 19.44 min Scan# 2814
Delta R.T. 0.00 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion:184 Resp: 318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 49.4 | 11.4 | 17.0# |
| 183 | 41.3 | 9.5 | 14.3# |

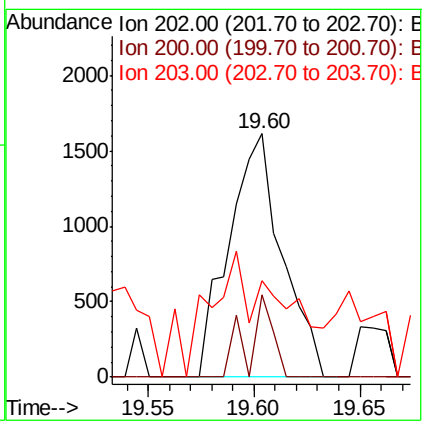


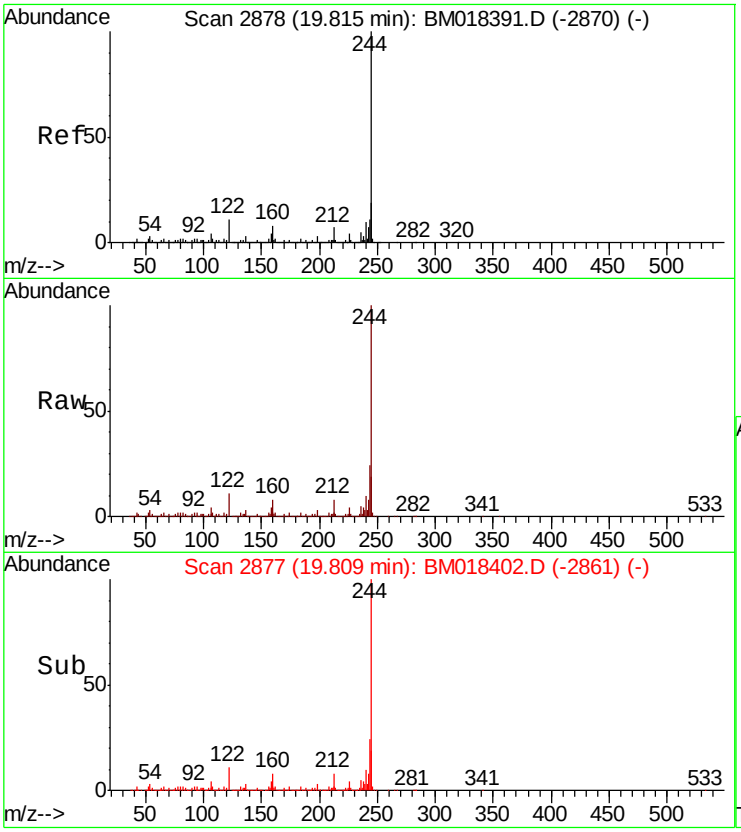




#78
Pyrene
Concen: 0.021 ng
RT: 19.60 min Scan# 2842
Delta R.T. 0.00 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion:202 Resp: 2831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 34.0 | 16.6 | 24.8# |
| 203 | 39.5 | 13.8 | 20.8# |



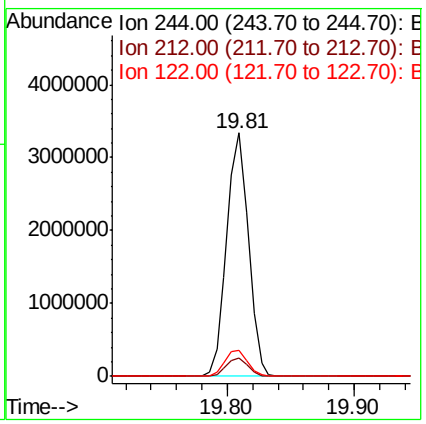


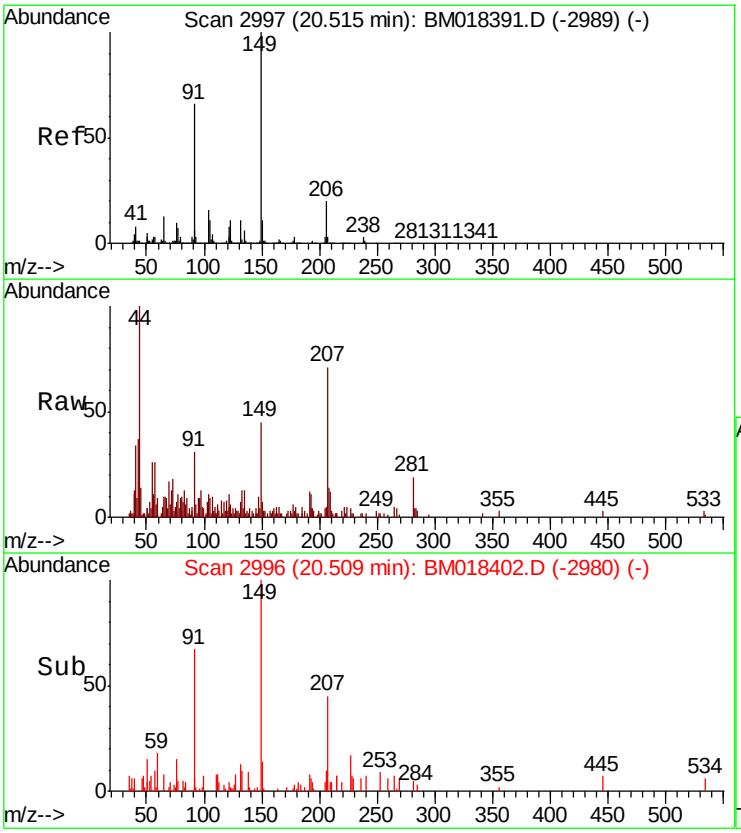

#79
Terphenyl-d14
Concen: 36.908 ng
RT: 19.81 min Scan# 2877
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion:244 Resp: 3975255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.8 | 5.9 | 8.9 |
| 122 | 10.9 | 9.0 | 13.4 |

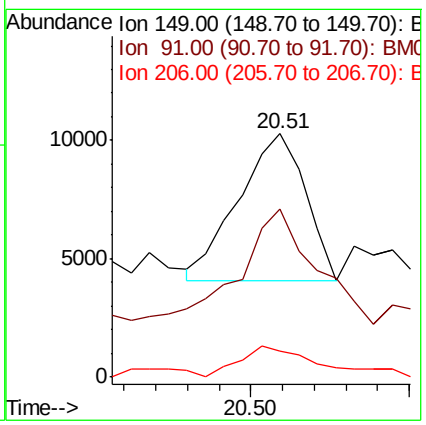


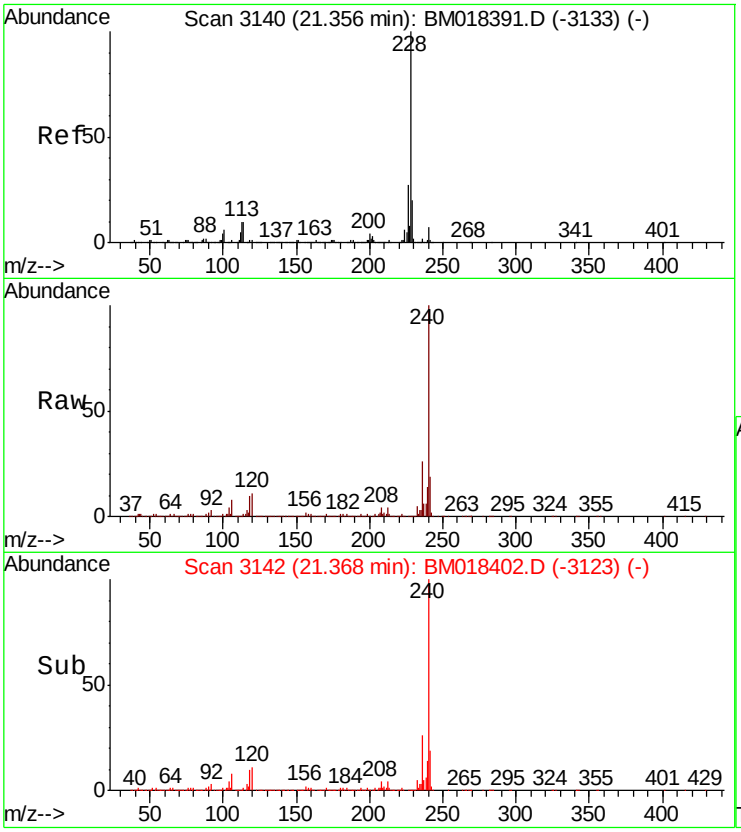




#80
Butylbenzylphthalate
Concen: 6.764 ng
RT: 20.51 min Scan# 2996
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion:149 Resp: 9122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 68.9 | 53.1 | 79.7 |
| 206 | 10.9 | 16.2 | 24.4# |



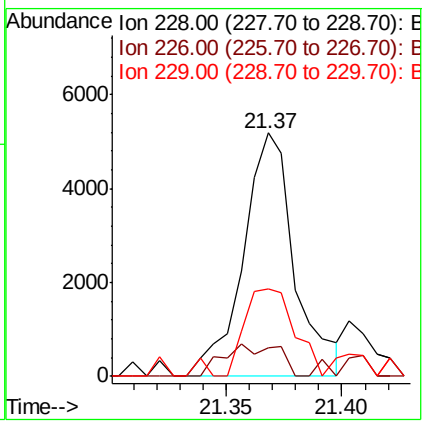


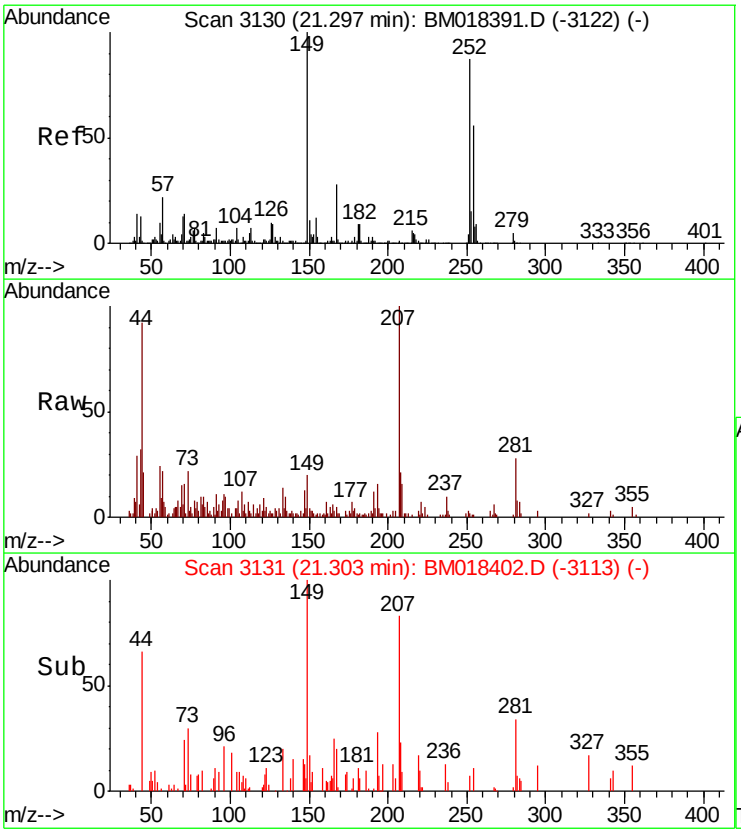

#81
Benzo(a)anthracene
Concen: 0.060 ng
RT: 21.37 min Scan# 3142
Delta R.T. 0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion:228 Resp: 8078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 11.9 | 21.8 | 32.6# |
| 229 | 35.7 | 15.8 | 23.8# |

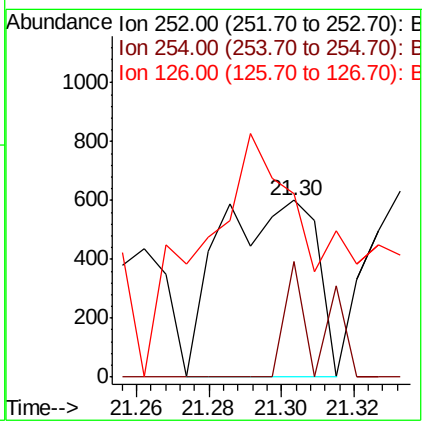


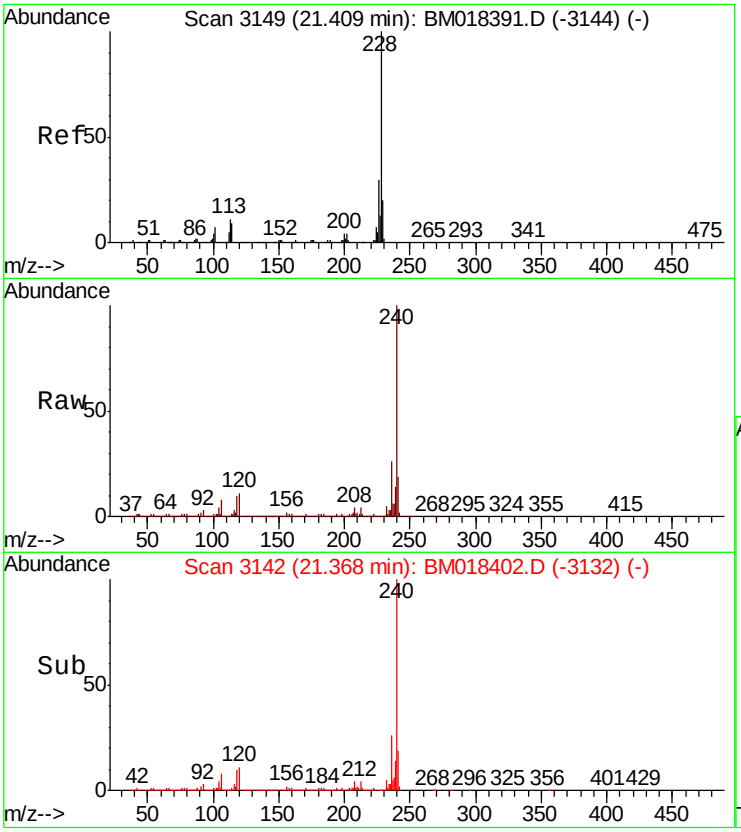




#82
3,3'-Dichlorobenzidine
Concen: 0.021 ng
RT: 21.30 min Scan# 3131
Delta R.T. 0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion:252 Resp: 1109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.1 | 51.4 | 77.0 |
| 126 | 103.5 | 8.7 | 13.1# |



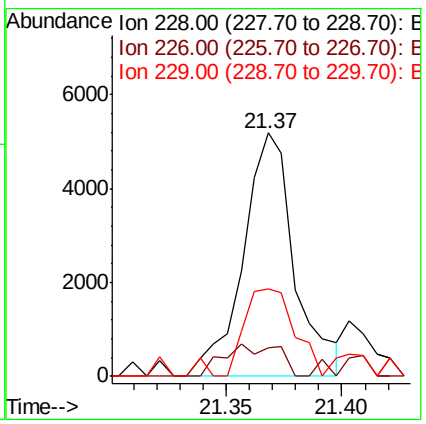


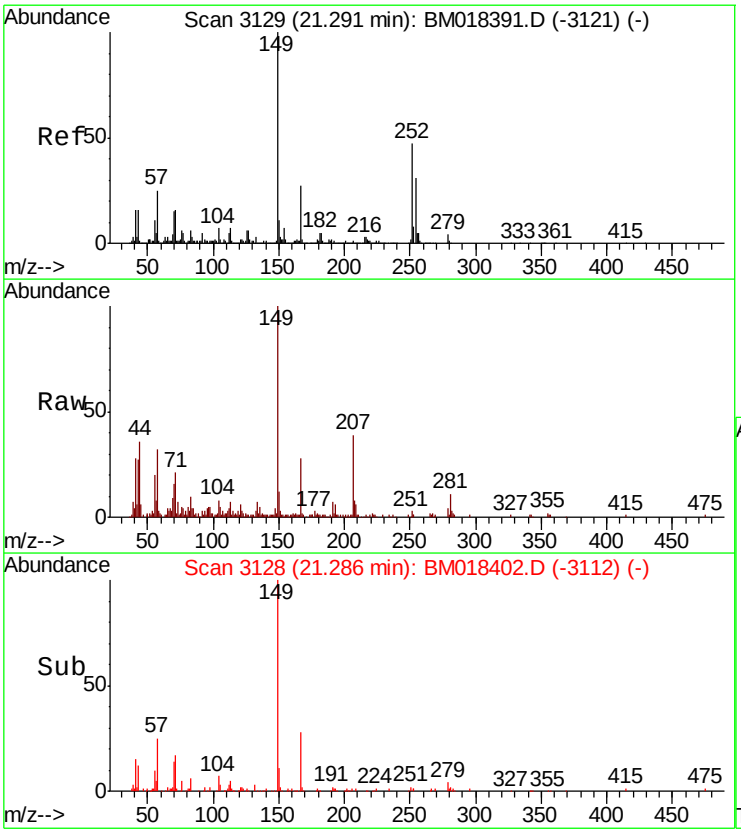

#83
Chrysene
Concen: 0.062 ng
RT: 21.37 min Scan# 3142
Delta R.T. -0.04 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion:228 Resp: 8078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 11.9 | 24.2 | 36.2# |
| 229 | 35.7 | 15.6 | 23.4# |

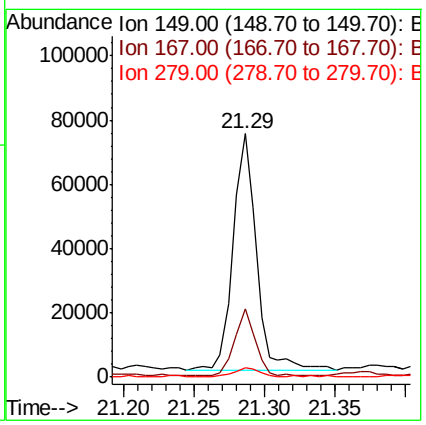


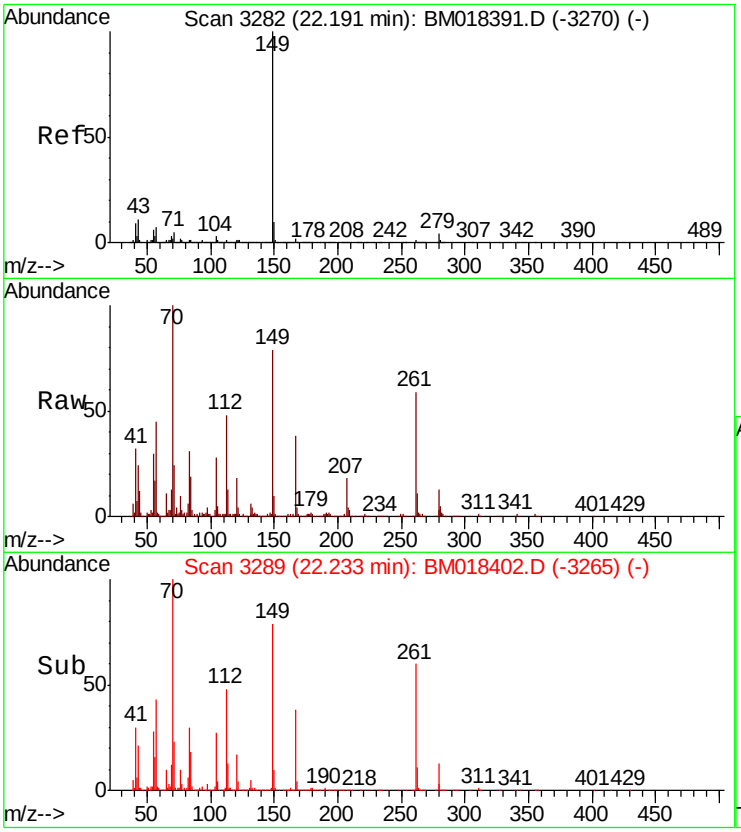




#84
Bis(2-ethylhexyl)phthalate
Concen: 0.941 ng
RT: 21.29 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion:149 Resp: 84501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.2 | 21.6 | 32.4 |
| 279 | 4.0 | 3.3 | 4.9 |



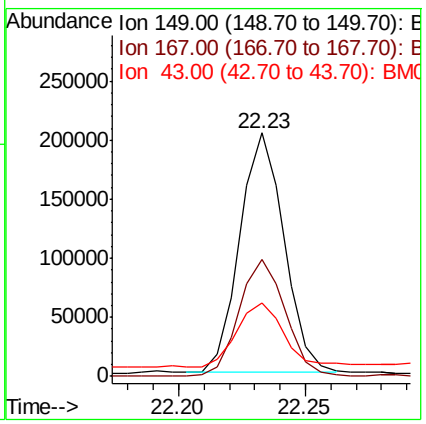


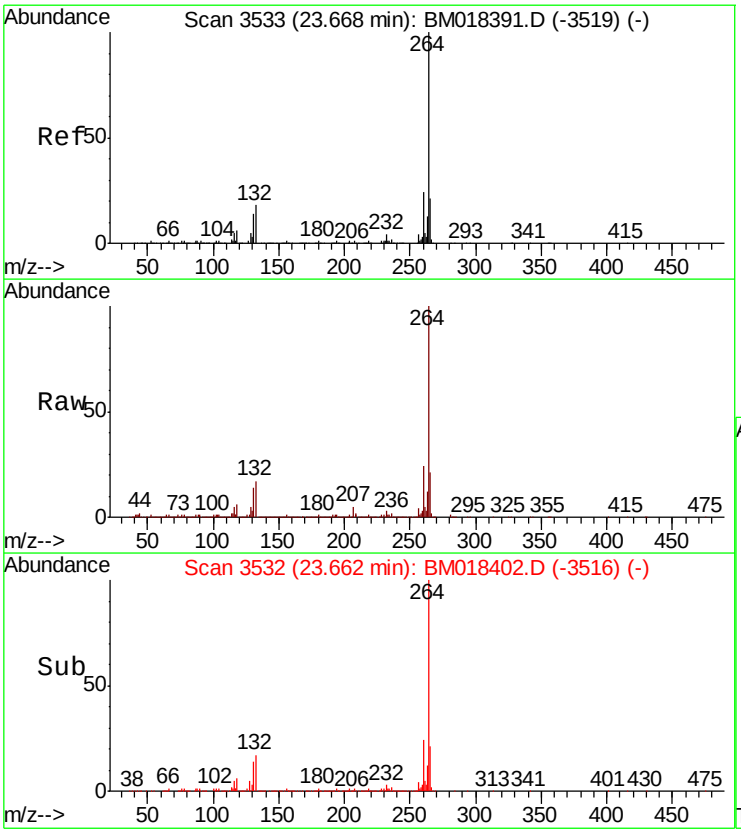

#85
Di-n-octyl phthalate
Concen: 1.668 ng
RT: 22.23 min Scan# 3289
Delta R.T. 0.04 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion:149 Resp: 247569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 49.7 | 1.3 | 1.9# |
| 43 | 29.3 | 8.6 | 12.8# |

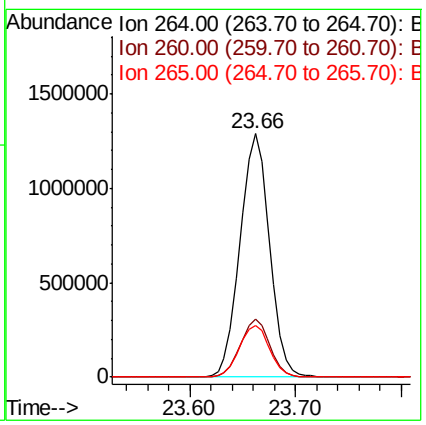


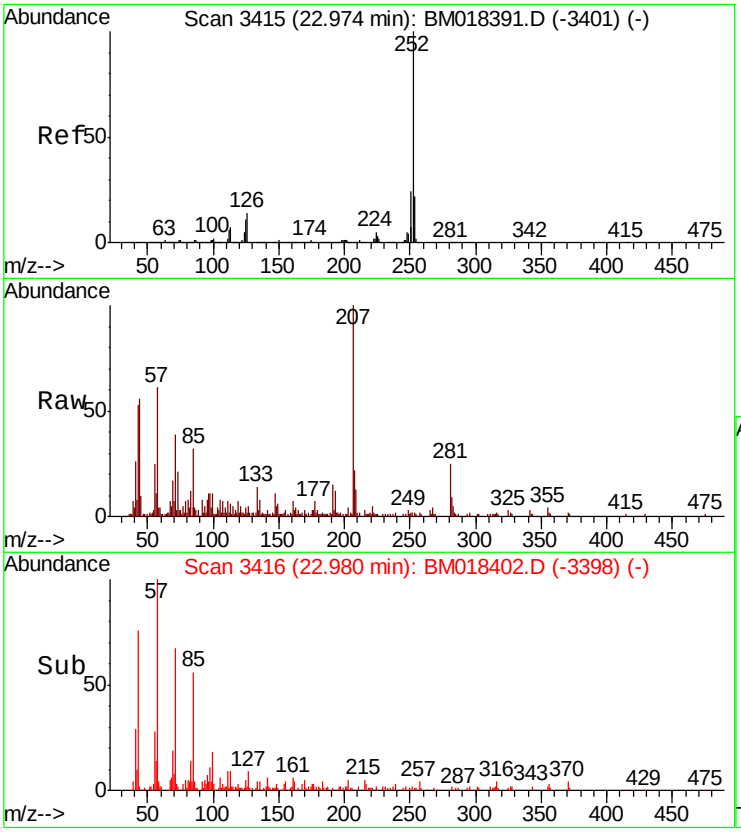




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.66 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion:264 Resp: 2502782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.6 | 18.9 | 28.3 |
| 265 | 21.3 | 16.8 | 25.2 |



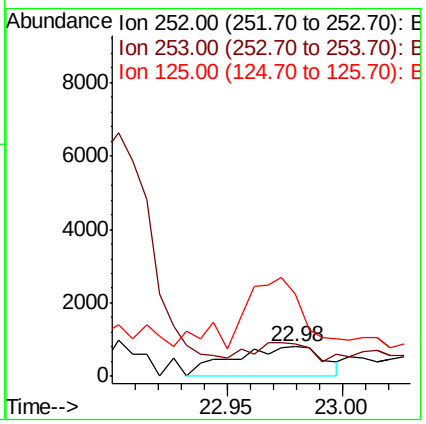


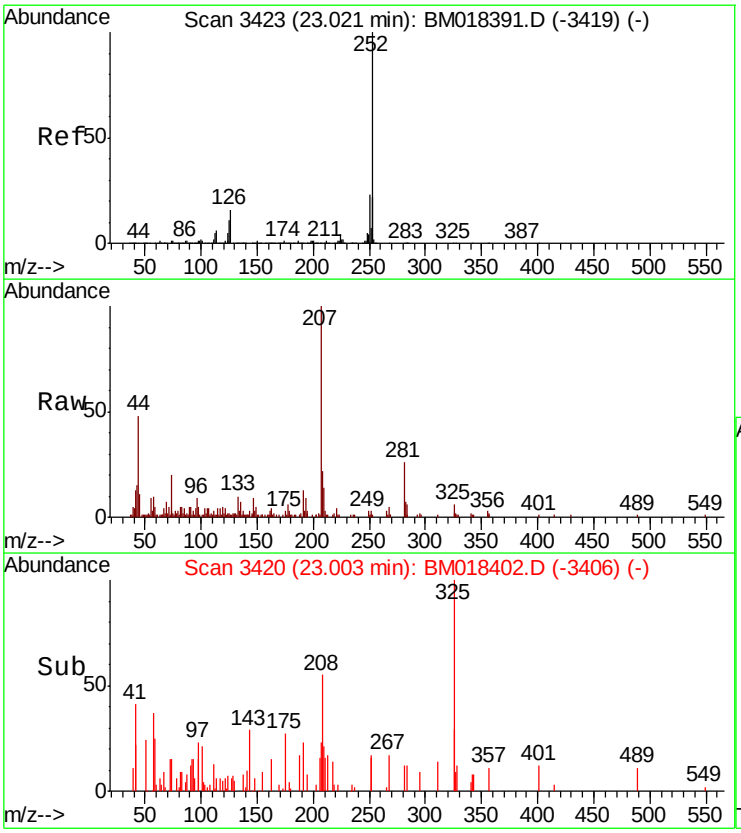

#88
Benzo(b)fluoranthene
Concen: 0.016 ng
RT: 22.98 min Scan# 3416
Delta R.T. 0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion:252 Resp: 2211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 111.1 | 17.6 | 26.4# |
| 125 | 276.6 | 8.5 | 12.7# |

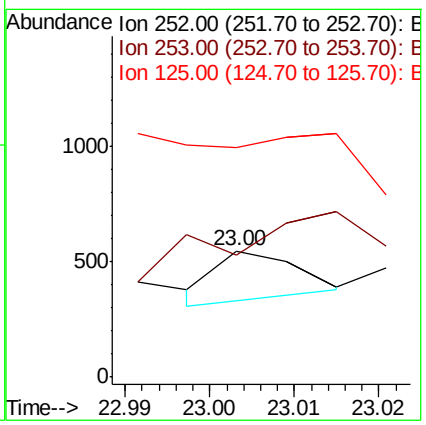


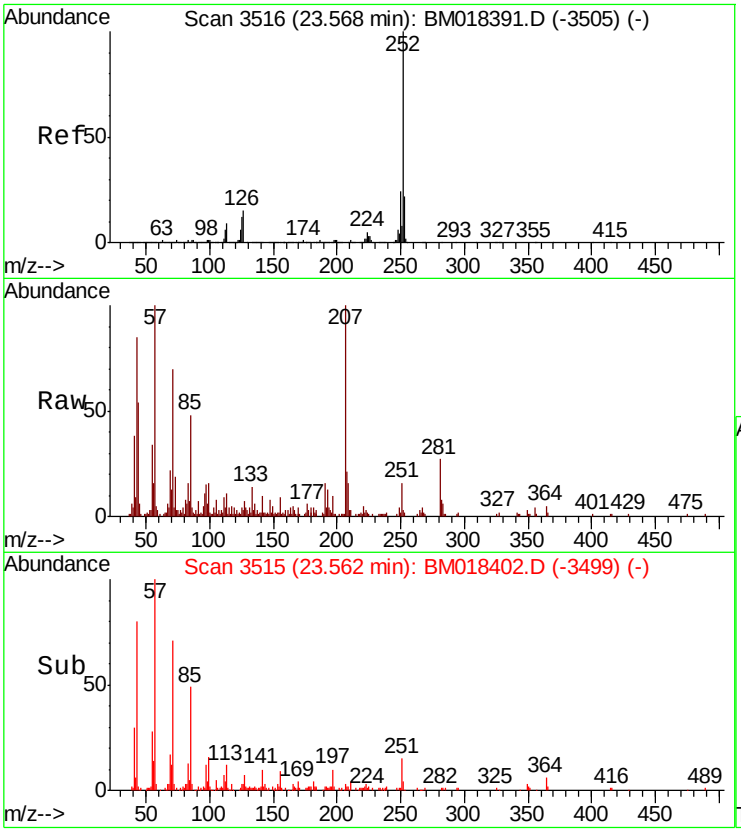




#89
Benzo(k)fluoranthene
Concen: 0.001 ng
RT: 23.00 min Scan# 3420
Delta R.T. -0.02 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion:252 Resp: 144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 96.7 | 17.4 | 26.0# |
| 125 | 181.9 | 8.6 | 12.8# |



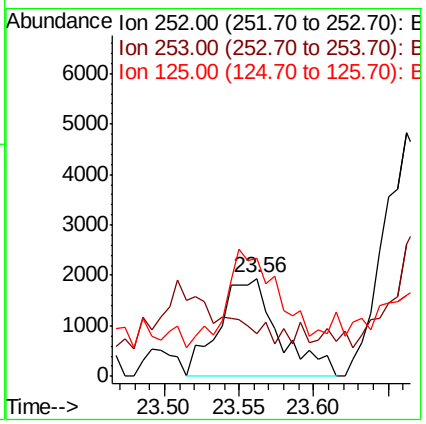


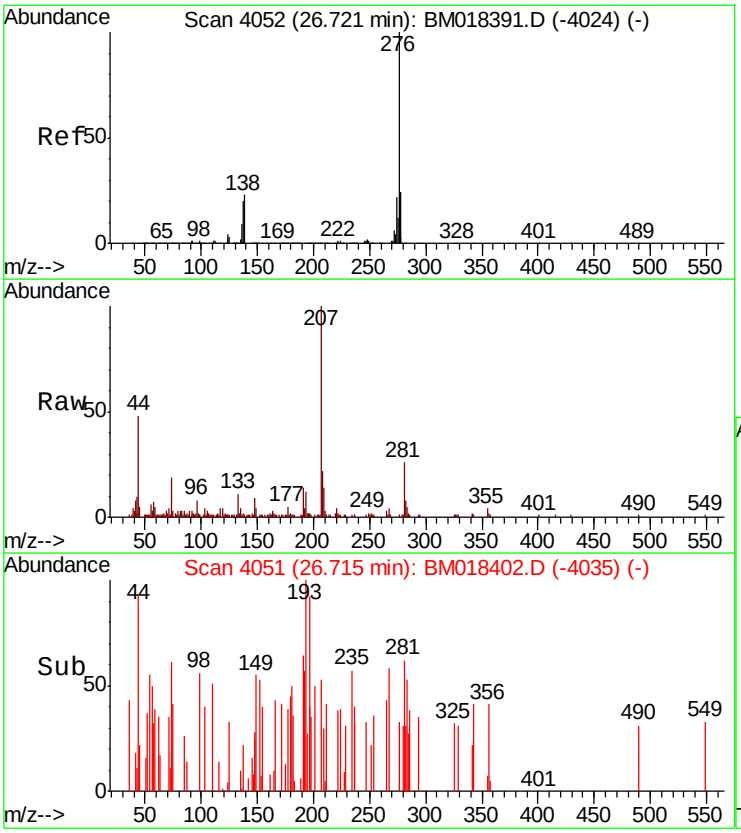

#90
Benzo(a)pyrene
Concen: 0.040 ng
RT: 23.56 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

**Instrument :**
BNA_M
**ClientSampleId :**
381128115-4

Tgt Ion:252 Resp: 5408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 43.4 | 17.5 | 26.3# |
| 125 | 120.8 | 9.7 | 14.5# |




#92
Benzo(g,h,i)perylene
Concen: 0.001 ng
RT: 26.71 min Scan# 4051
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion:276 Resp: 118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 0.0 | 19.0 | 28.4# |
| 138 | 0.0 | 18.1 | 27.1# |