Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030819\
Data File : BM019081.D
Acq On : 08 Mar 2019 19:41
Operator : JU/SJ
Sample : K1807-31MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Mar 08 23:47:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 03:36:13 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.67 | 152 | 173216 | 20.00 | ng | -0.01 |
| 21) Naphthalene-d8 | 10.46 | 136 | 653519 | 20.00 | ng | -0.01 |
| 39) Acenaphthene-d10 | 14.32 | 164 | 343883 | 20.00 | ng | -0.01 |
| 64) Phenanthrene-d10 | 17.07 | 188 | 718820 | 20.00 | ng | -0.01 |
| 76) Chrysene-d12 | 21.27 | 240 | 744479 | 20.00 | ng | -0.01 |
| 87) Perylene-d12 | 23.52 | 264 | 869772 | 20.00 | ng | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.27 | 112 | 1265245 | 119.68 | ng | 0.00 |
| 7) Phenol-d6 | 6.85 | 99 | 1728940 | 116.09 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.84 | 82 | 1086698 | 76.89 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.82 | 330 | 574762 | 115.95 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 12.93 | 172 | 1882980 | 72.69 | ng | -0.02 |
| 79) Terphenyl-d14 | 19.72 | 244 | 2535816 | 70.27 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.23 | 88 | 162040 | 35.192 | ng | 99 |
| 3) Pyridine | 3.63 | 79 | 287619 | 22.900 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.55 | 42 | 141028 | 44.138 | ng | 90 |
| 6) Aniline | 7.02 | 93 | 493804 | 27.061 | ng | 97 |
| 8) 2-Chlorophenol | 7.23 | 128 | 449372 | 38.716 | ng | 99 |
| 9) Benzaldehyde | 6.83 | 77 | 268462 | 31.012 | ng | 99 |
| 10) Phenol | 6.88 | 94 | 626017 | 39.949 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 7.11 | 93 | 429821 | 35.957 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 7.55 | 146 | 474362 | 36.346 | ng | 96 |
| 13) 1,4-Dichlorobenzene | 7.70 | 146 | 485052 | 36.506 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 8.02 | 146 | 466487 | 36.551 | ng | 99 |
| 15) Benzyl Alcohol | 7.92 | 79 | 418862 | 35.395 | ng | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.20 | 45 | 414995 | 35.870 | ng | 98 |
| 17) 2-Methylphenol | 8.12 | 107 | 370280 | 37.126 | ng | 98 |
| 18) Hexachloroethane | 8.73 | 117 | 175444 | 36.172 | ng | 98 |
| 19) n-Nitroso-di-n-propylamine | 8.48 | 70 | 386261 | 33.497 | ng | 99 |
| 20) 3+4-Methylphenols | 8.45 | 107 | 494976 | 35.940 | ng | 99 |
| 22) Acetophenone | 8.50 | 105 | 641586 | 35.749 | ng | 99 |
| 24) Nitrobenzene | 8.88 | 77 | 547763 | 37.337 | ng | 98 |
| 25) Isophorone | 9.40 | 82 | 939568 | 41.663 | ng | 98 |
| 26) 2-Nitrophenol | 9.58 | 139 | 228788 | 39.160 | ng | 98 |
| 27) 2,4-Dimethylphenol | 9.64 | 122 | 378169 | 44.317 | ng | 98 |
| 28) bis(2-Chloroethoxy)methane | 9.88 | 93 | 561388 | 38.496 | ng | 99 |
| 29) 2,4-Dichlorophenol | 10.11 | 162 | 387182 | 39.516 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.32 | 180 | 428552 | 37.873 | ng | 98 |
| 31) Naphthalene | 10.50 | 128 | 1293694 | 40.589 | ng | 99 |
| 32) Benzoic acid | 9.77 | 122 | 118475 | 15.916 | ng | 94 |
| 33) 4-Chloroaniline | 10.64 | 127 | 270957 | 19.018 | ng | 97 |
| 34) Hexachlorobutadiene | 10.77 | 225 | 229957 | 35.012 | ng | 99 |
| 35) Caprolactam | 11.45 | 113 | 116146 | 29.045 | ng | 87 |
| 36) 4-Chloro-3-methylphenol | 11.76 | 107 | 425727 | 36.038 | ng | 96 |
| 37) 2-Methylnaphthalene | 12.12 | 142 | 904499 | 40.307 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.35 | 142 | 856040 | 39.011 | ng | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.49 | 216 | 425165 | 38.650 | ng | 99 |

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Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030819\
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Acq On : 08 Mar 2019 19:41
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Sample : K1807-31MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Mar 08 23:47:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 03:36:13 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.46 | 237 | 452753 | 80.500 ng | 97 |
| 43) 2,4,6-Trichlorophenol | 12.75 | 196 | 299136 | 41.077 ng | 100 |
| 44) 2,4,5-Trichlorophenol | 12.82 | 196 | 312505 | 40.942 ng | 99 |
| 46) 1,1'-Biphenyl | 13.15 | 154 | 1137063 | 38.413 ng | 99 |
| 47) 2-Chloronaphthalene | 13.19 | 162 | 878069 | 38.405 ng | 100 |
| 48) 2-Nitroaniline | 13.42 | 65 | 295552 | 38.923 ng | 99 |
| 49) Acenaphthylene | 14.05 | 152 | 1408282 | 41.367 ng | 100 |
| 50) Dimethylphthalate | 13.79 | 163 | 1229634 | 42.906 ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.92 | 165 | 236154 | 38.039 ng | 99 |
| 52) Acenaphthene | 14.39 | 154 | 812848 | 38.939 ng | 100 |
| 53) 3-Nitroaniline | 14.26 | 138 | 183176 | 26.114 ng | 99 |
| 54) 2,4-Dinitrophenol | 14.46 | 184 | 251900 | 65.102 ng | 98 |
| 55) Dibenzofuran | 14.73 | 168 | 1290608 | 37.615 ng | 99 |
| 56) 4-Nitrophenol | 14.57 | 139 | 413166 | 73.785 ng | 98 |
| 57) 2,4-Dinitrotoluene | 14.71 | 165 | 328490 | 38.403 ng | 98 |
| 58) Fluorene | 15.37 | 166 | 1032926 | 39.351 ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.95 | 232 | 270935 | 40.158 ng | 99 |
| 60) Diethylphthalate | 15.16 | 149 | 1056528 | 35.738 ng | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.37 | 204 | 503663 | 34.223 ng | 97 |
| 62) 4-Nitroaniline | 15.42 | 138 | 230174 | 33.471 ng | 98 |
| 63) Azobenzene | 15.66 | 77 | 1129884 | 35.645 ng | 100 |
| 65) 4,6-Dinitro-2-methylphenol | 15.47 | 198 | 171988 | 34.078 ng | 99 |
| 66) n-Nitrosodiphenylamine | 15.59 | 169 | 893092 | 39.325 ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.27 | 248 | 294144 | 36.558 ng | 100 |
| 68) Hexachlorobenzene | 16.37 | 284 | 350826 | 37.513 ng | 98 |
| 69) Atrazine | 16.55 | 200 | 293873 | 40.138 ng | 99 |
| 70) Pentachlorophenol | 16.73 | 266 | 429378 | 71.305 ng | 99 |
| 71) Phenanthrene | 17.12 | 178 | 1554748 | 40.247 ng | 99 |
| 72) Anthracene | 17.21 | 178 | 1568453 | 41.714 ng | 100 |
| 73) Carbazole | 17.49 | 167 | 1477788 | 37.619 ng | 99 |
| 74) Di-n-butylphthalate | 18.05 | 149 | 1684341 | 37.282 ng | 100 |
| 75) Fluoranthene | 19.14 | 202 | 1727030 | 38.703 ng | 99 |
| 77) Benzidine | 19.35 | 184 | 232476 | 13.865 ng | 99 |
| 78) Pyrene | 19.51 | 202 | 1766926 | 40.865 ng | 99 |
| 80) Butylbenzylphthalate | 20.41 | 149 | 753739 | 38.250 ng | 100 |
| 81) Benzo(a)anthracene | 21.26 | 228 | 1668745 | 38.453 ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.20 | 252 | 522602 | 30.470 ng | 99 |
| 83) Chrysene | 21.31 | 228 | 1646945 | 39.594 ng | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.18 | 149 | 1047140 | 36.307 ng | 99 |
| 85) Di-n-octyl phthalate | 22.06 | 149 | 1811687 | 37.375 ng | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 25.79 | 276 | 2582552 | 53.776 ng | 99 |
| 88) Benzo(b)fluoranthene | 22.84 | 252 | 1923302 | 38.649 ng | 100 |
| 89) Benzo(k)fluoranthene | 22.89 | 252 | 1868986 | 37.725 ng | 99 |
| 90) Benzo(a)pyrene | 23.42 | 252 | 1906217 | 40.436 ng | 99 |
| 91) Dibenzo(a,h)anthracene | 25.80 | 278 | 2200960 | 47.125 ng | 99 |
| 92) Benzo(g,h,i)perylene | 26.49 | 276 | 2151506 | 49.481 ng | 99 |

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

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Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030819\
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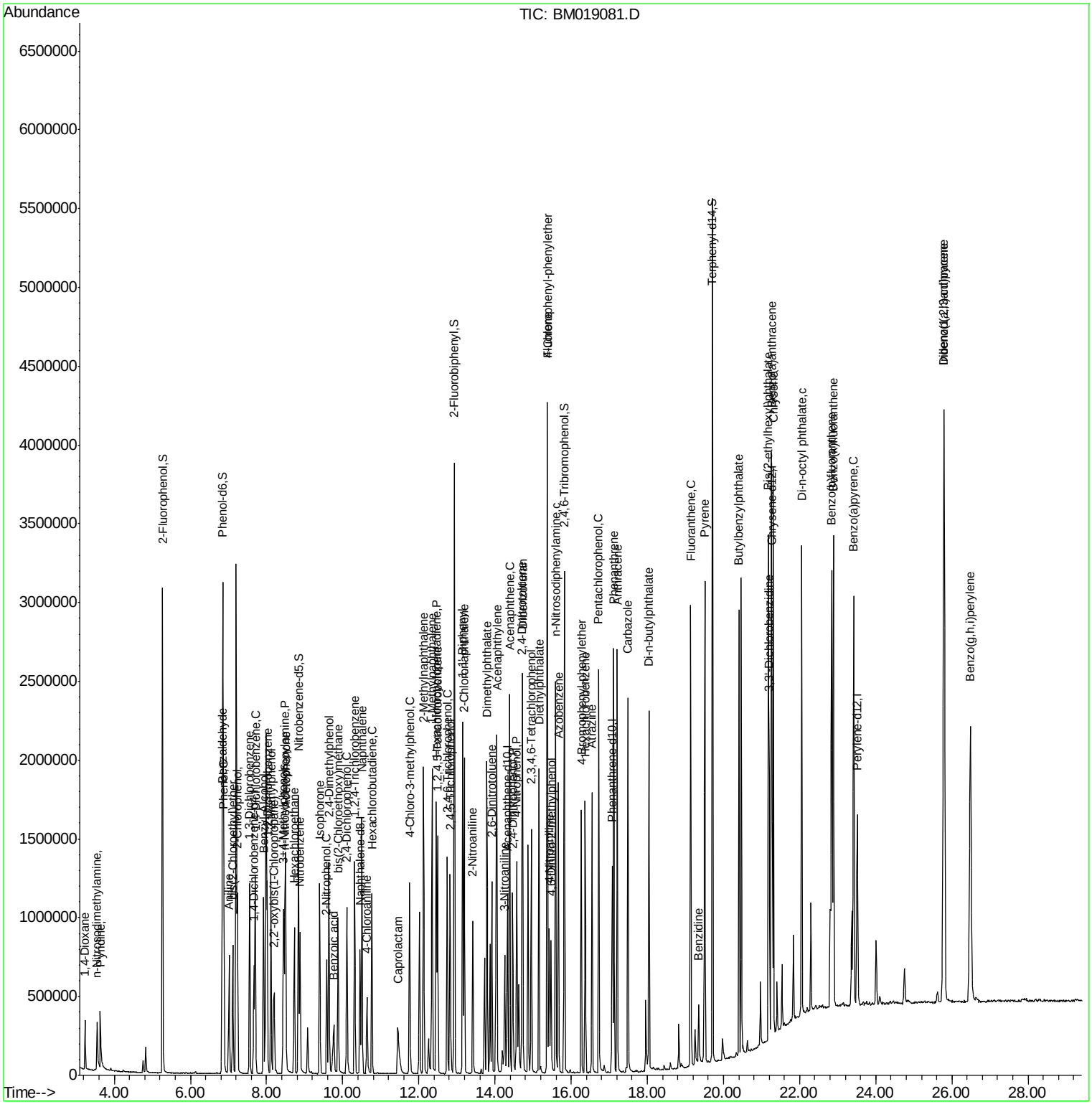
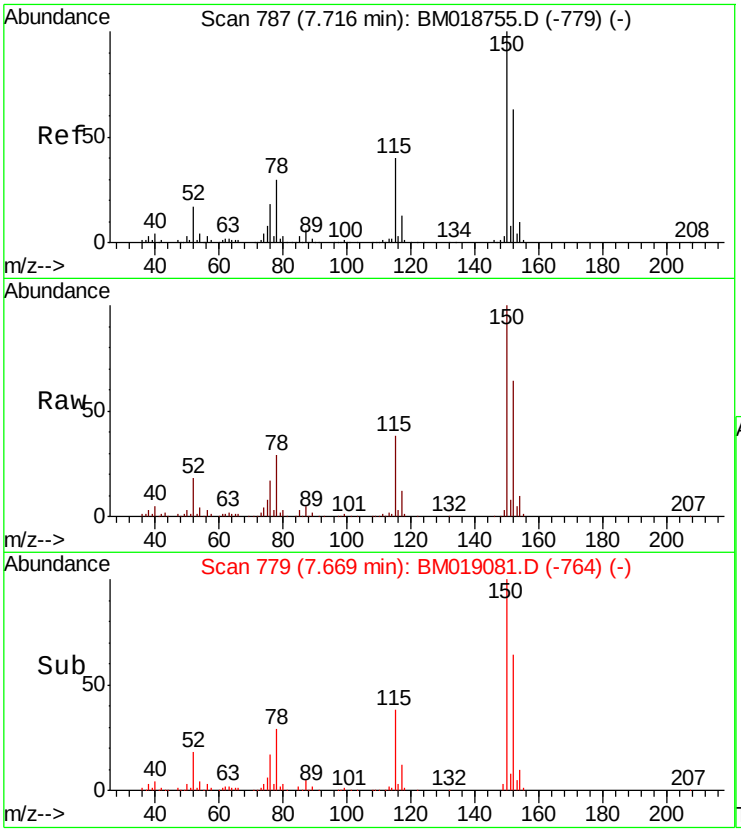
Acq On : 08 Mar 2019 19:41
Operator : JU/SJ
Sample : K1807-31MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Mar 08 23:47:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 03:36:13 2019
Response via : Initial Calibration



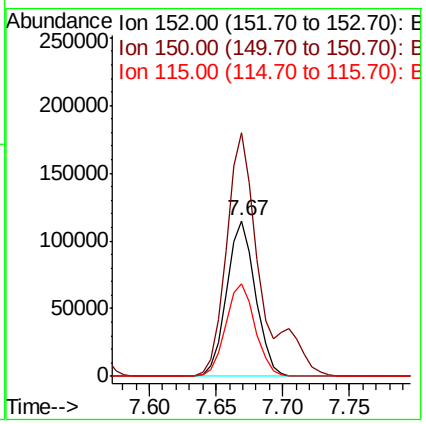


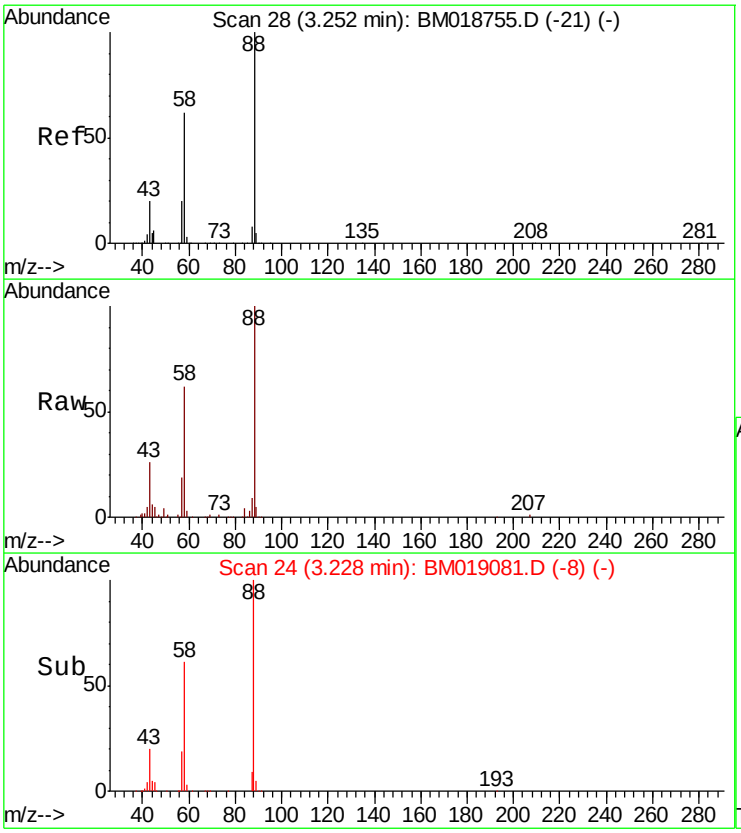

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:152 Resp: 173216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.3 | 127.3 | 190.9 |
| 115 | 59.4 | 50.8 | 76.2 |

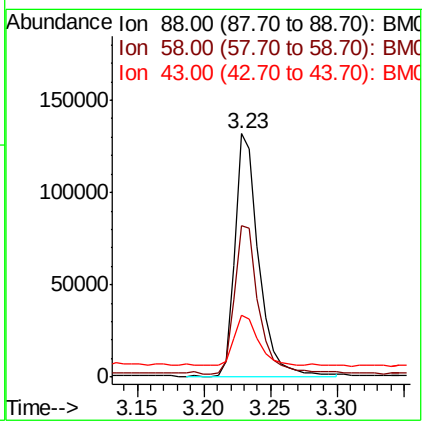


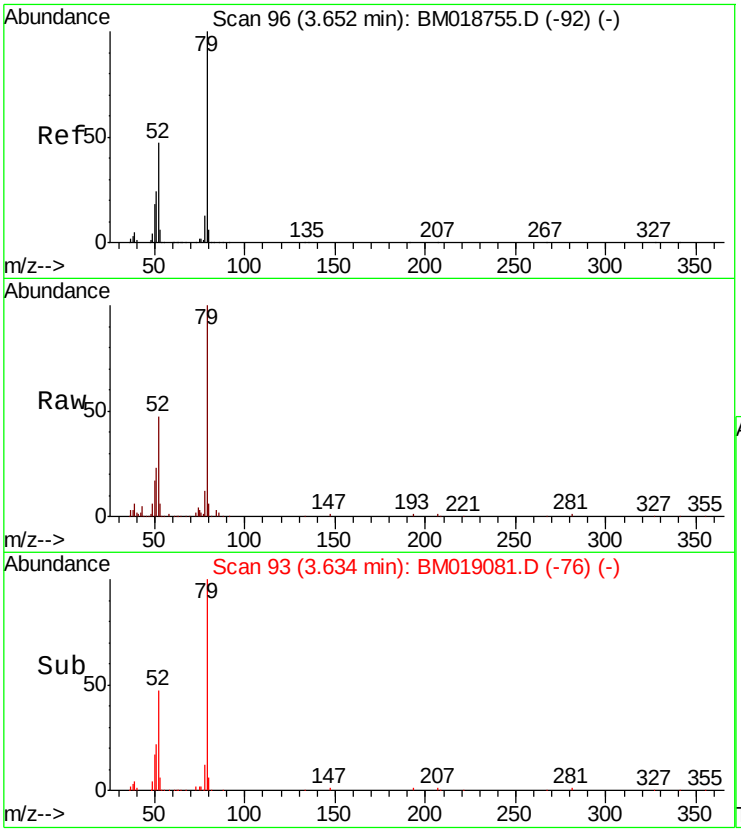




#2
1,4-Dioxane
Concen: 35.192 ng
RT: 3.23 min Scan# 24
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion: 88 Resp: 162040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 62.9 | 49.8 | 74.6 |
| 43 | 21.3 | 16.7 | 25.1 |



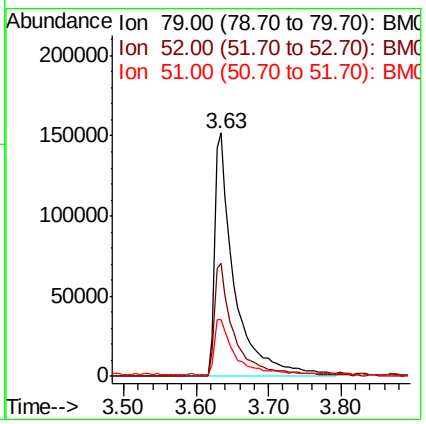


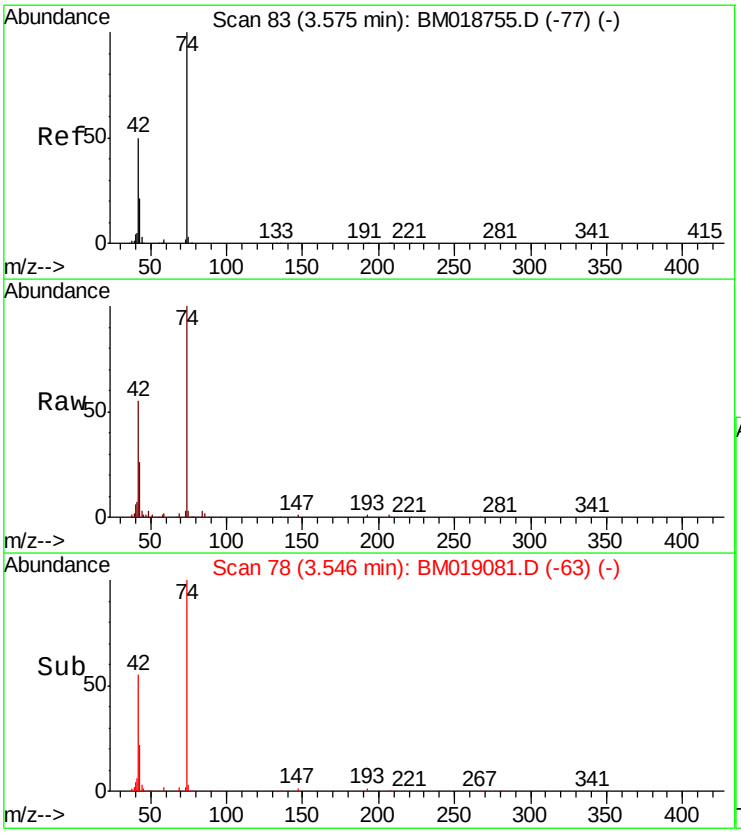

#3
Pyridine
Concen: 22.900 ng
RT: 3.63 min Scan# 93
Delta R.T. 0.00 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion: 79 Resp: 287619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 46.7 | 37.6 | 56.4 |
| 51 | 23.2 | 19.7 | 29.5 |

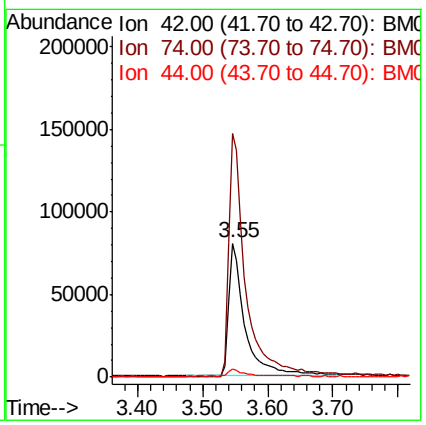


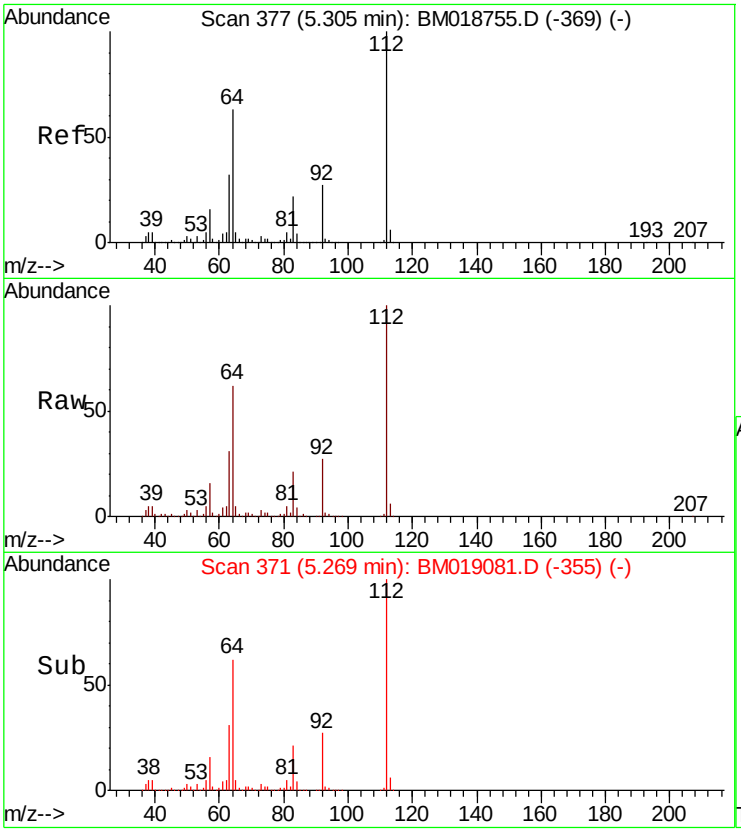




#4
n-Nitrosodimethylamine
Concen: 44.138 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion: 42 Resp: 141028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 181.5 | 158.1 | 237.1 |
| 44 | 6.2 | 4.9 | 7.3 |



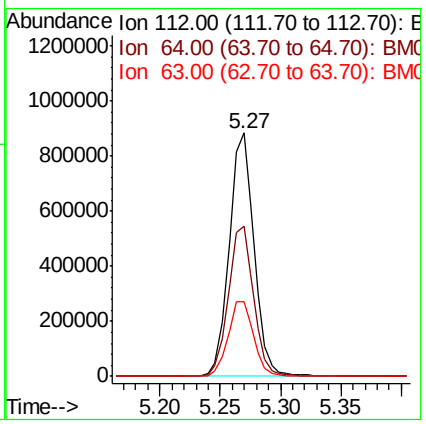


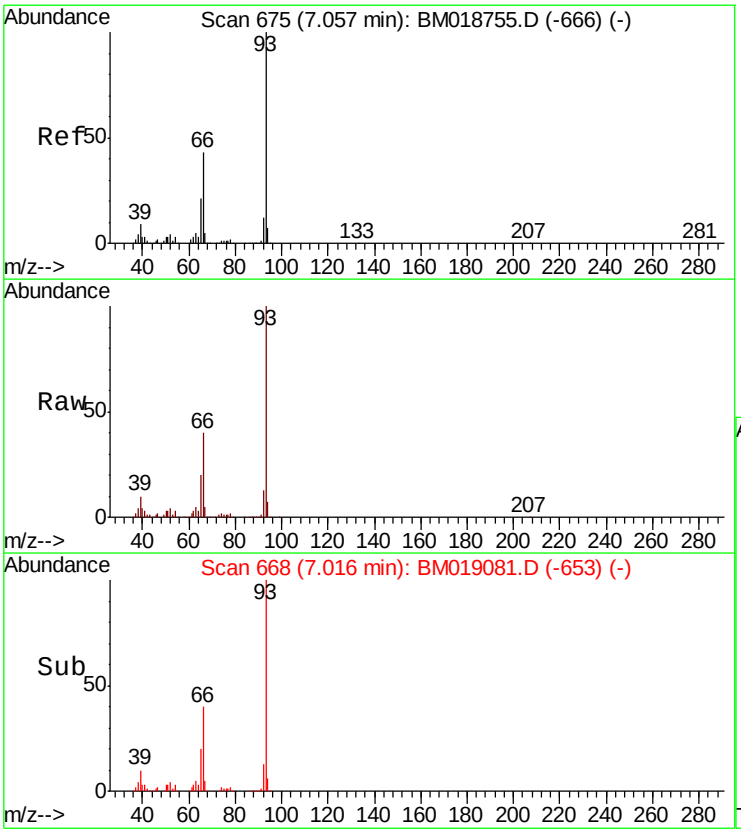

#5
2-Fluorophenol
Concen: 119.681 ng
RT: 5.27 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:112 Resp: 1265245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 61.8 | 50.6 | 75.8 |
| 63 | 30.7 | 25.7 | 38.5 |

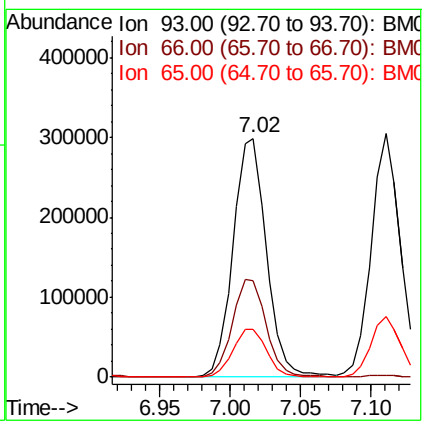


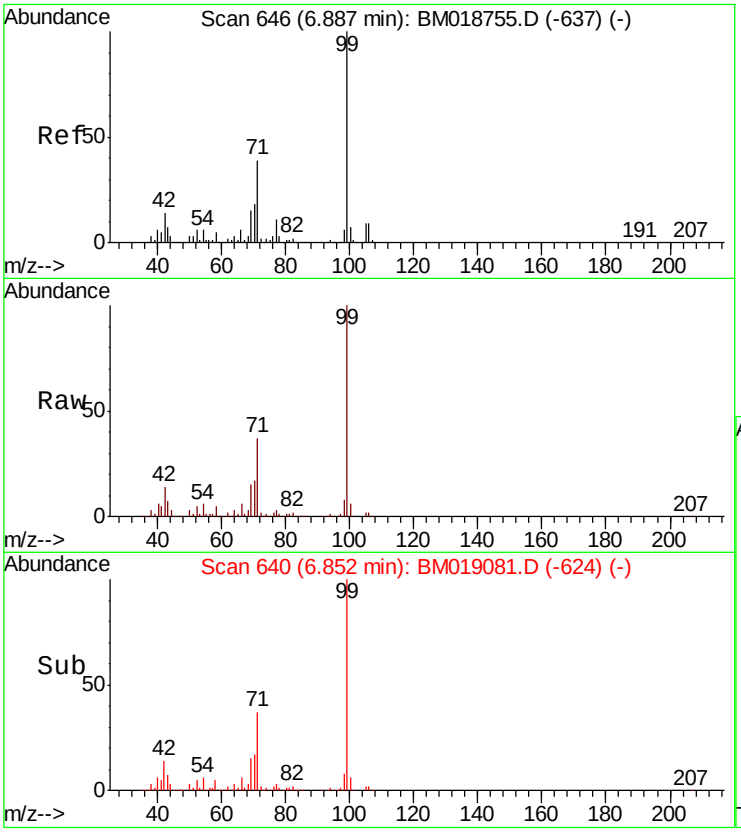




#6
Aniline
Concen: 27.061 ng
RT: 7.02 min Scan# 668
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion: 93 Resp: 493804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 40.5 | 34.1 | 51.1 |
| 65 | 20.3 | 16.6 | 24.8 |



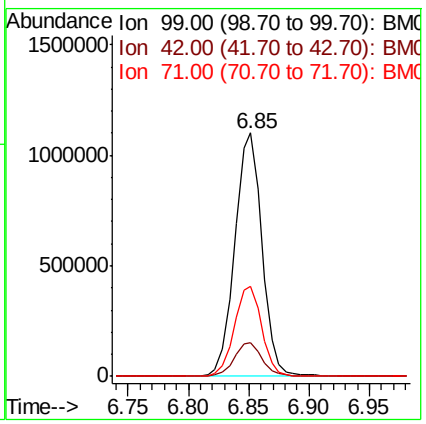


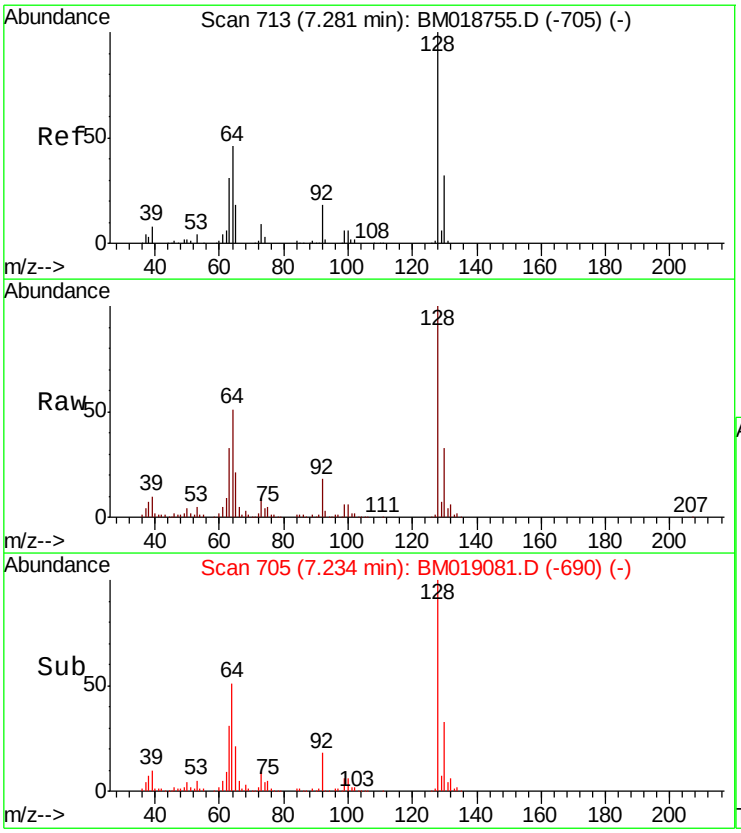

#7
Phenol-d6
Concen: 116.090 ng
RT: 6.85 min Scan# 640
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion: 99 Resp: 1728940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 13.6 | 11.0 | 16.6 |
| 71 | 36.8 | 31.3 | 46.9 |

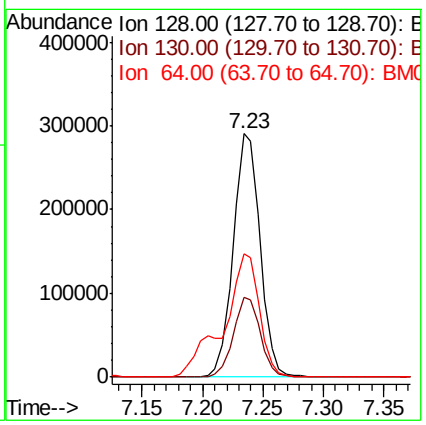


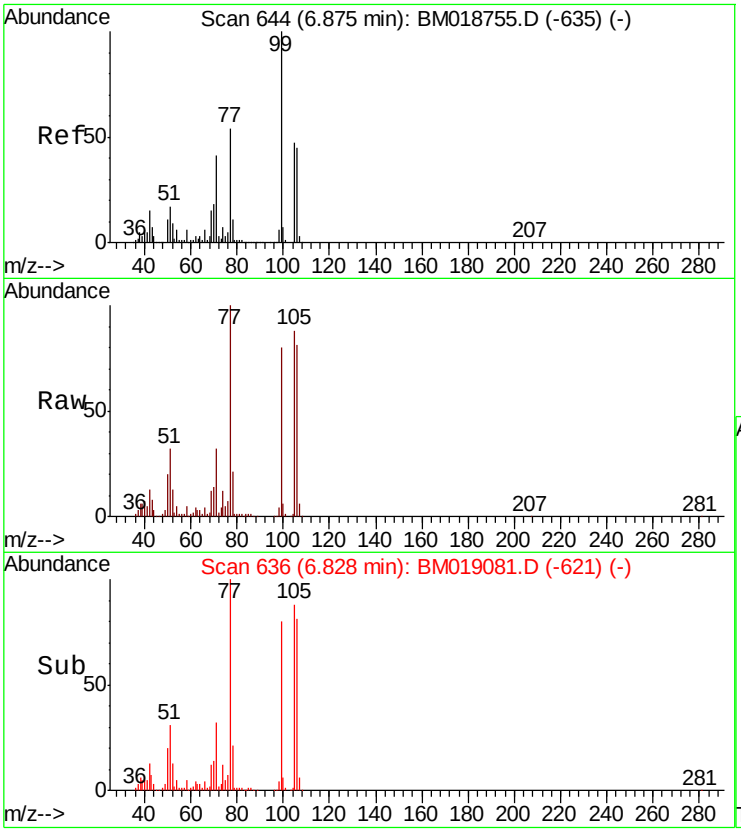




#8
2-Chlorophenol
Concen: 38.716 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:128 Resp: 449372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.9 | 11.7 | 51.7 |
| 64 | 50.7 | 31.0 | 71.0 |



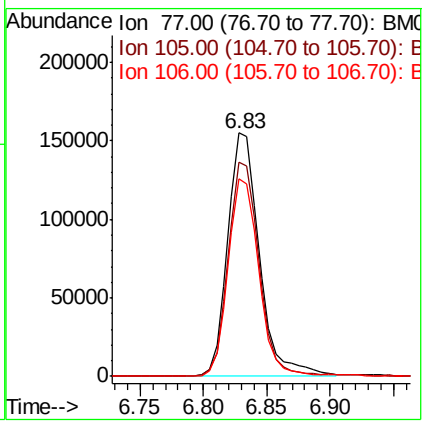


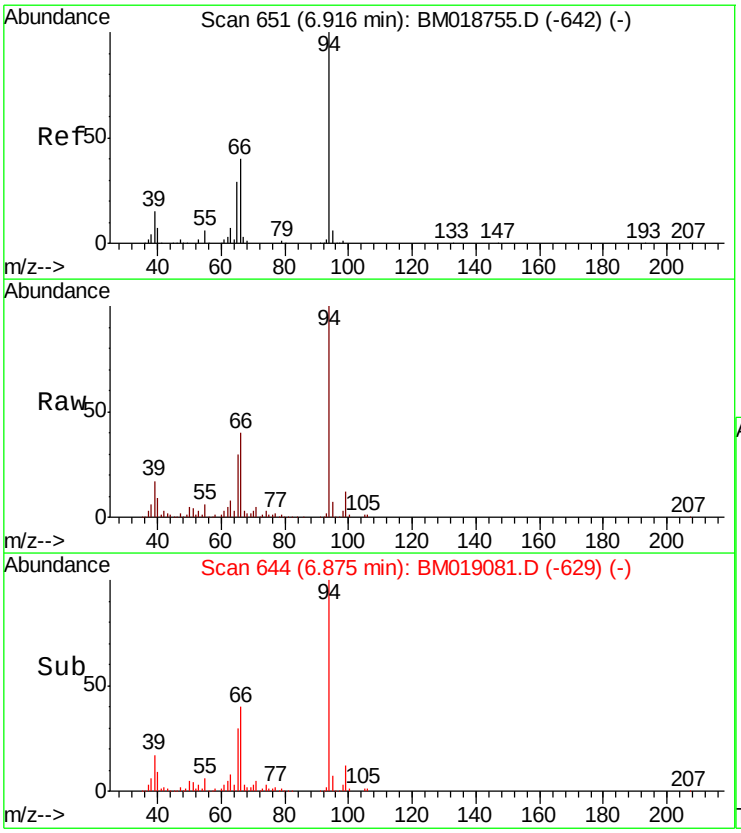

#9
Benzaldehyde
Concen: 31.012 ng
RT: 6.83 min Scan# 636
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion: 77 Resp: 268462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 87.7 | 67.3 | 107.3 |
| 106 | 81.1 | 62.9 | 102.9 |

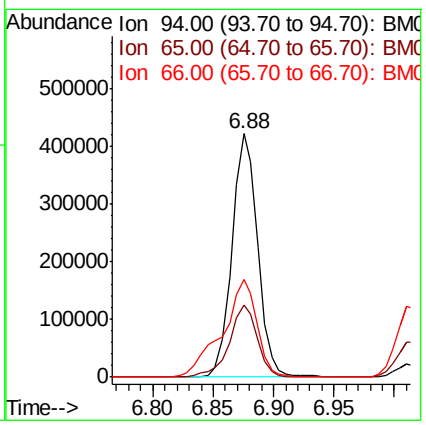


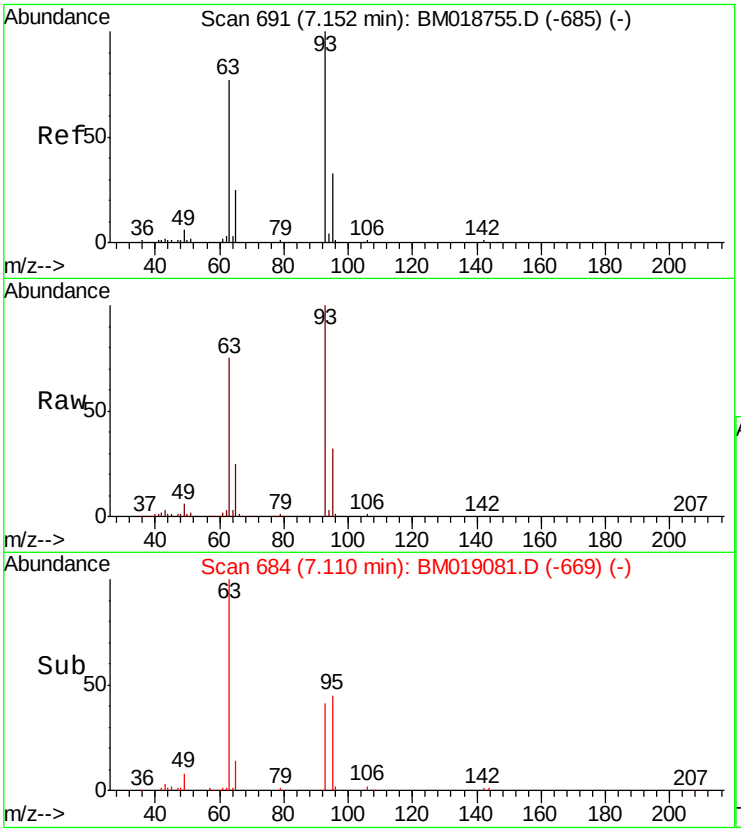




#10
Phenol
Concen: 39.949 ng
RT: 6.88 min Scan# 644
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion: 94 Resp: 626017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.7 | 9.6 | 49.6 |
| 66 | 40.3 | 20.4 | 60.4 |



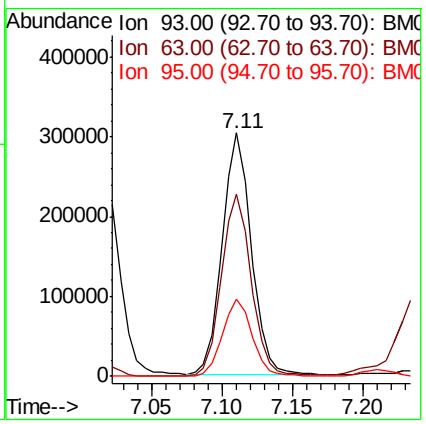


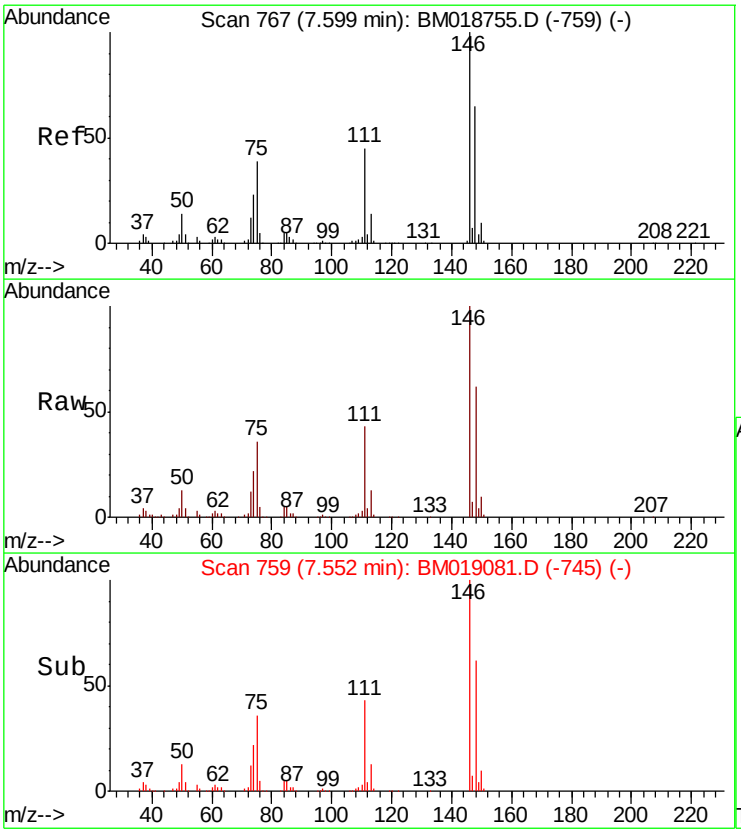

#11
bis(2-Chloroethyl)ether
Concen: 35.957 ng
RT: 7.11 min Scan# 684
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion: 93 Resp: 429821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 74.6 | 57.0 | 97.0 |
| 95 | 31.8 | 12.4 | 52.4 |

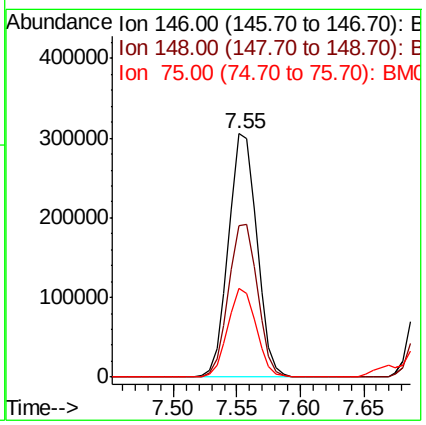


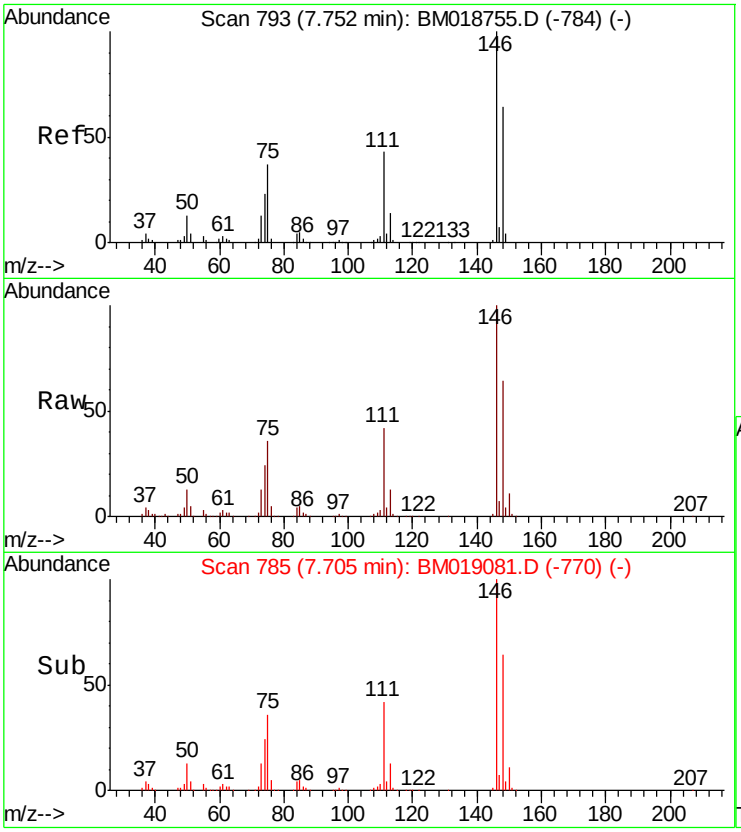




#12
1,3-Dichlorobenzene
Concen: 36.346 ng
RT: 7.55 min Scan# 759
Delta R.T. -0.02 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:146 Resp: 474362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.3 | 51.7 | 77.5 |
| 75 | 36.3 | 31.3 | 46.9 |



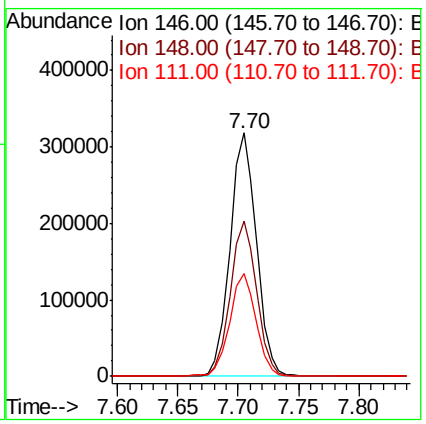


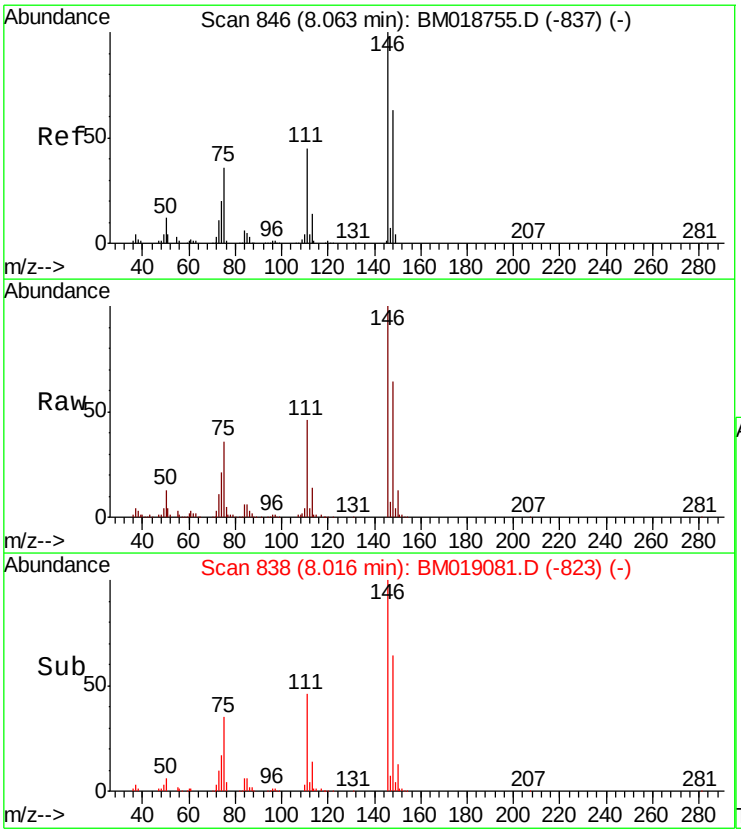

#13
1,4-Dichlorobenzene
Concen: 36.506 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:146 Resp: 485052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.0 | 51.4 | 77.2 |
| 111 | 42.4 | 34.6 | 52.0 |

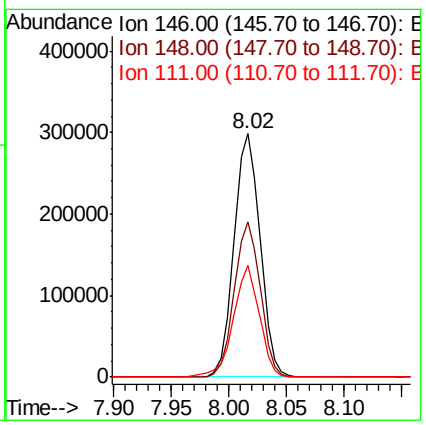


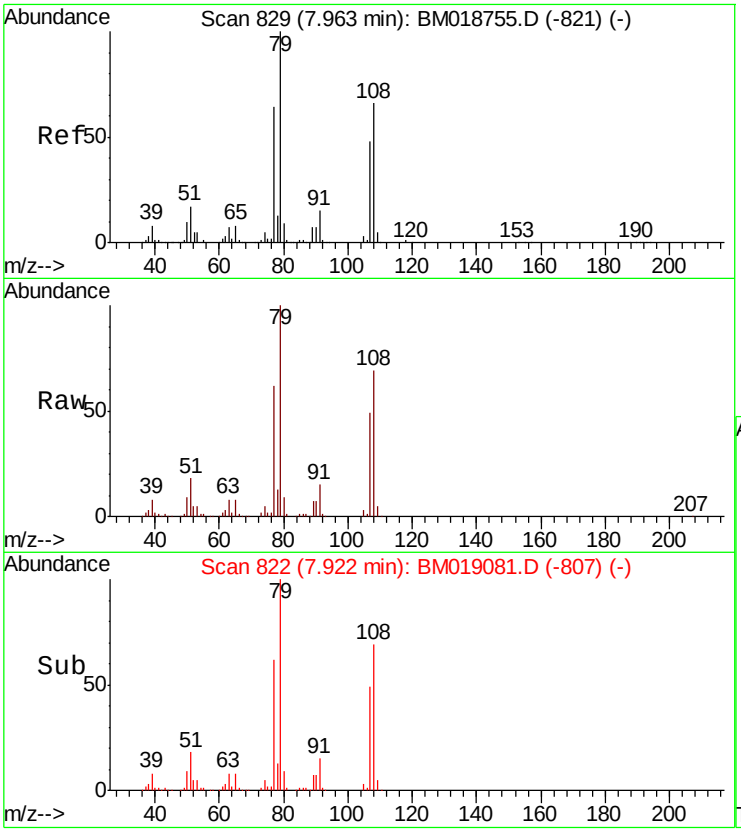




#14
1,2-Dichlorobenzene
Concen: 36.551 ng
RT: 8.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:146 Resp: 466487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.7 | 50.7 | 76.1 |
| 111 | 45.8 | 35.9 | 53.9 |



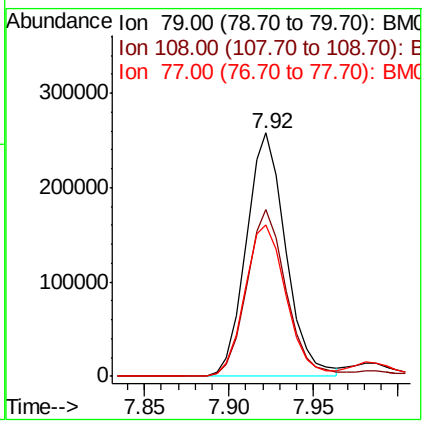


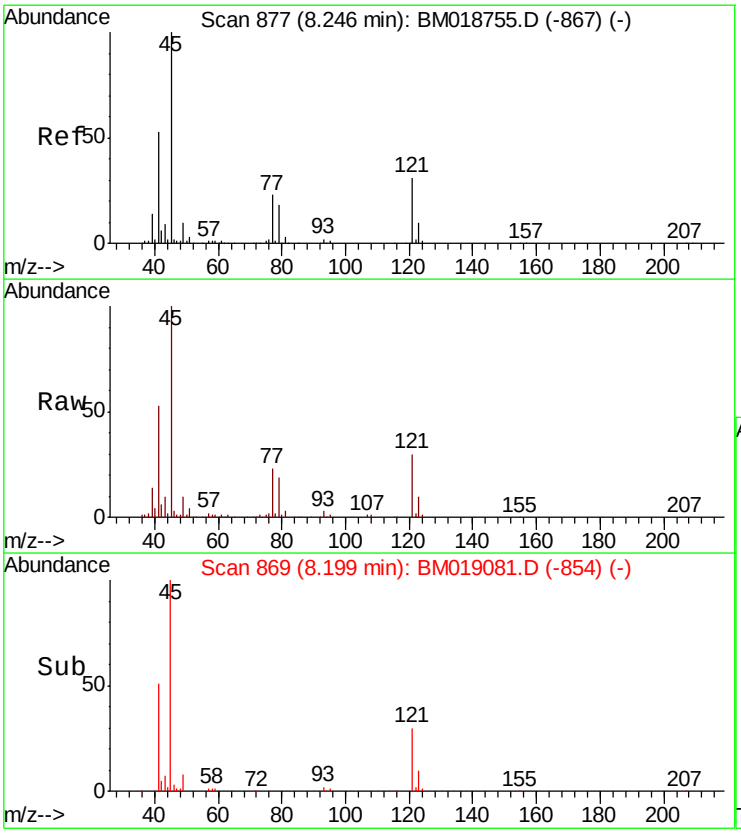

#15
Benzyl Alcohol
Concen: 35.395 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion: 79 Resp: 418862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 68.6 | 52.7 | 79.1 |
| 77 | 62.0 | 51.0 | 76.4 |

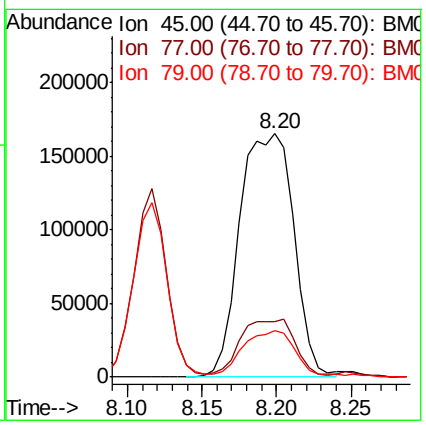


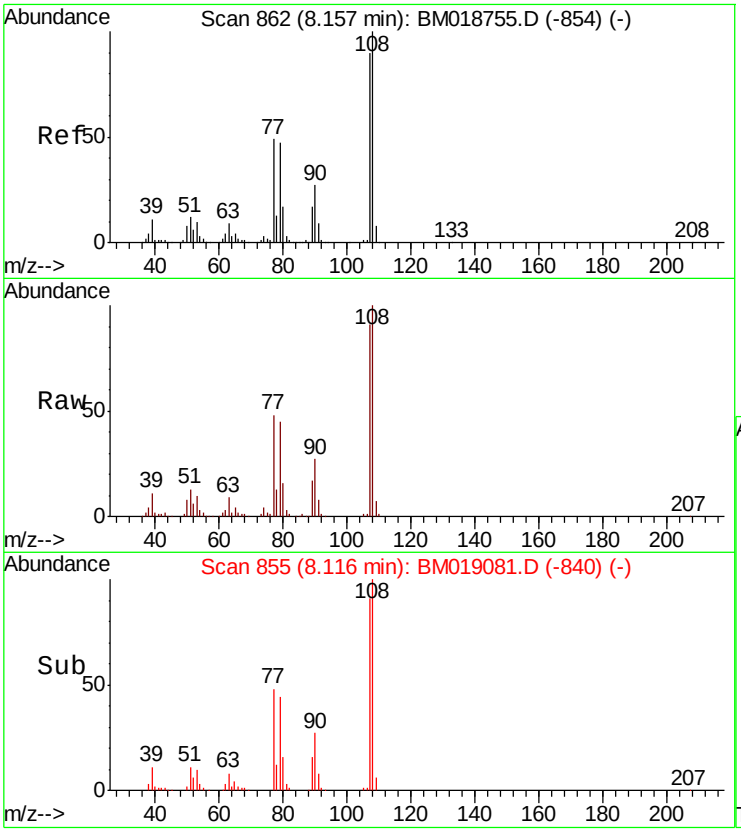




#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.870 ng
RT: 8.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion: 45 Resp: 414995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 22.9 | 5.0 | 45.0 |
| 79 | 19.2 | 0.0 | 39.3 |



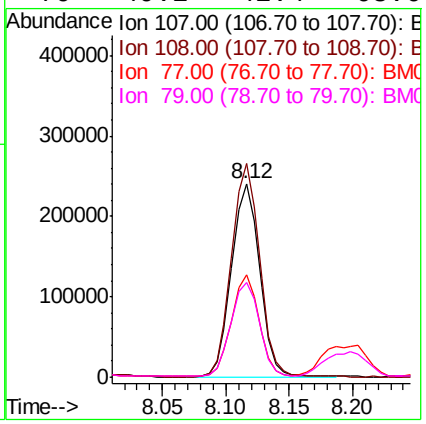


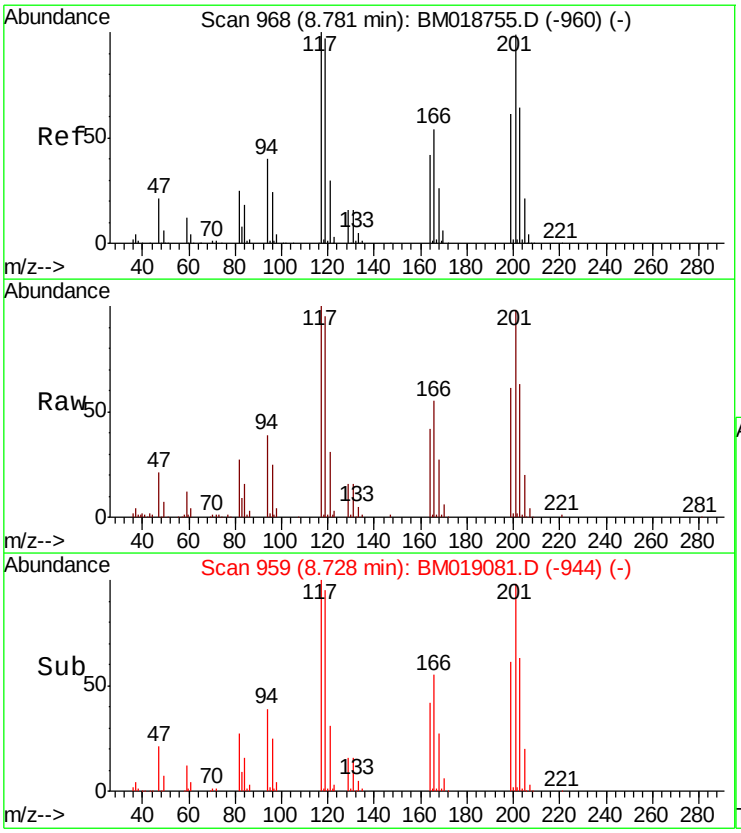

#17
2-Methylphenol
Concen: 37.126 ng
RT: 8.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:107 Resp: 370280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 110.1 | 88.8 | 133.2 |
| 77 | 53.0 | 44.0 | 66.0 |
| 79 | 49.2 | 42.4 | 63.6 |

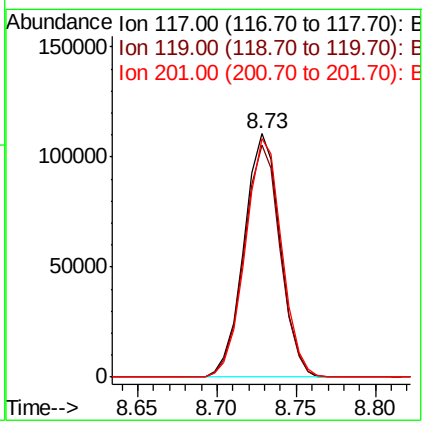


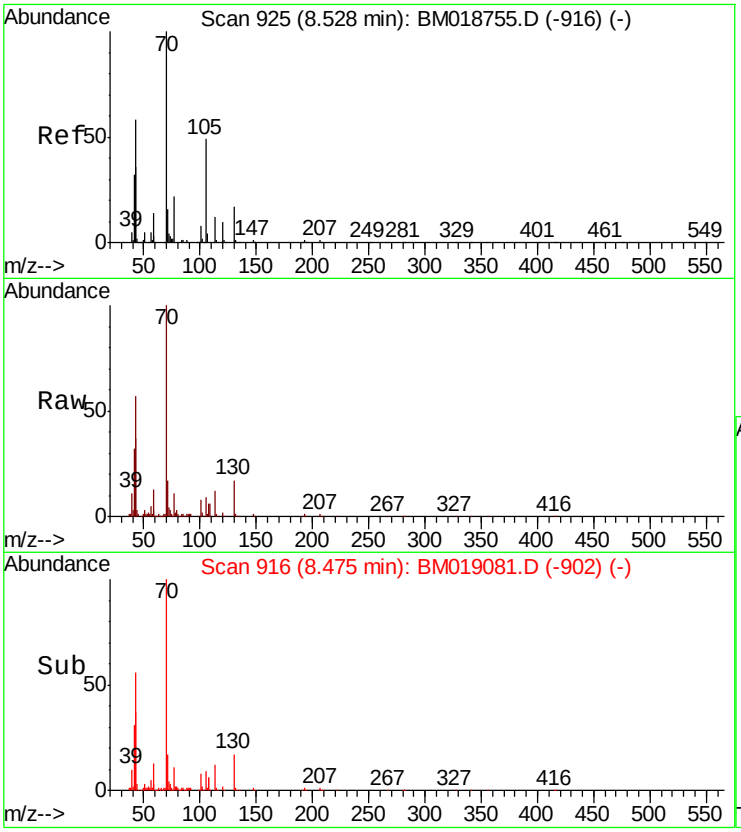




#18
Hexachloroethane
Concen: 36.172 ng
RT: 8.73 min Scan# 959
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:117 Resp: 175444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.3 | 77.9 | 116.9 |
| 201 | 98.0 | 79.2 | 118.8 |



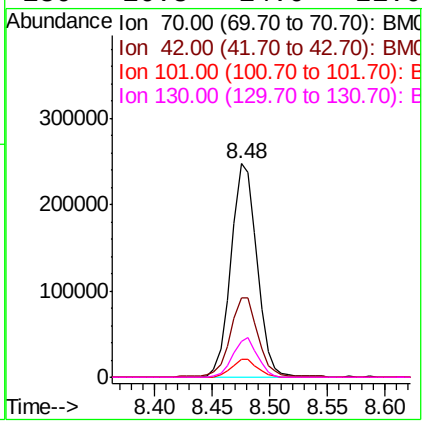


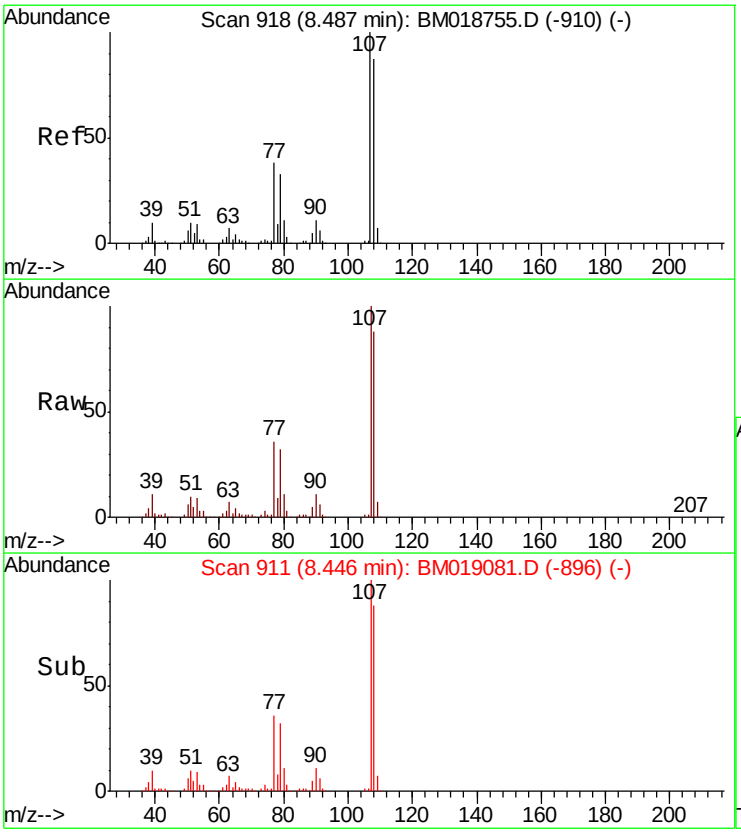

#19
n-Nitroso-di-n-propylamine
Concen: 33.497 ng
RT: 8.48 min Scan# 916
Delta R.T. -0.02 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion: 70 Resp: 386261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 37.0 | 29.4 | 44.0 |
| 101 | 8.2 | 6.7 | 10.1 |
| 130 | 16.8 | 14.0 | 21.0 |

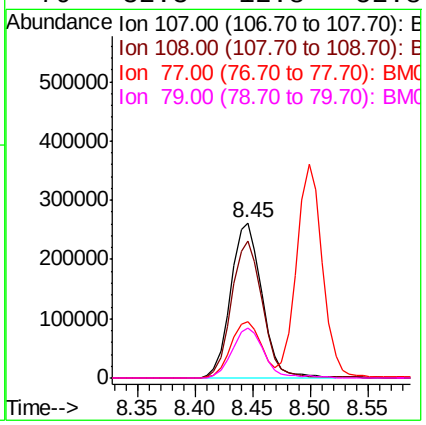


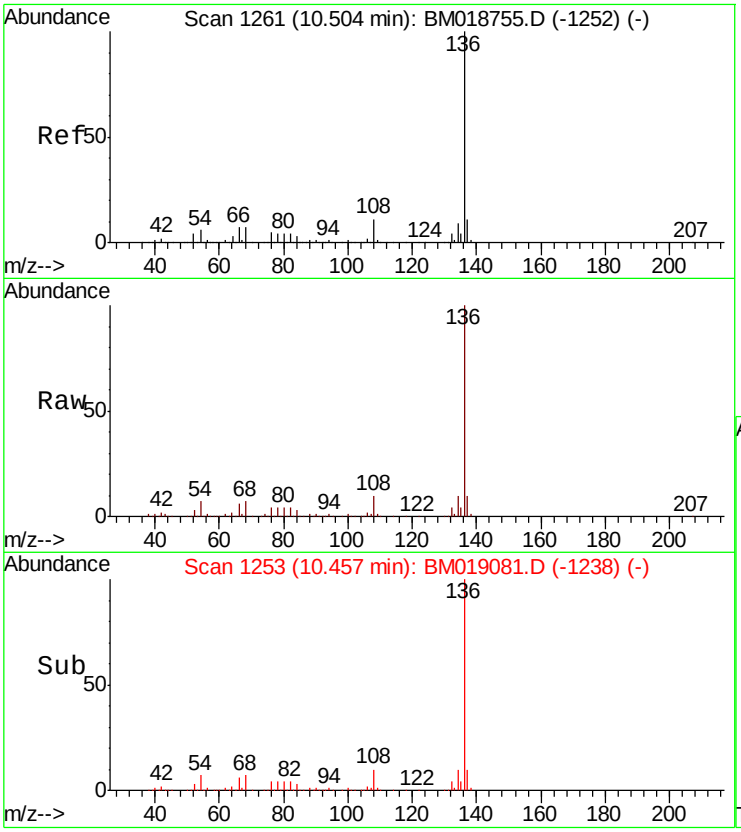




#20
3+4-Methylphenols
Concen: 35.940 ng
RT: 8.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:107 Resp: 494976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.1 | 67.3 | 107.3 |
| 77 | 36.3 | 18.0 | 58.0 |
| 79 | 32.3 | 12.8 | 52.8 |



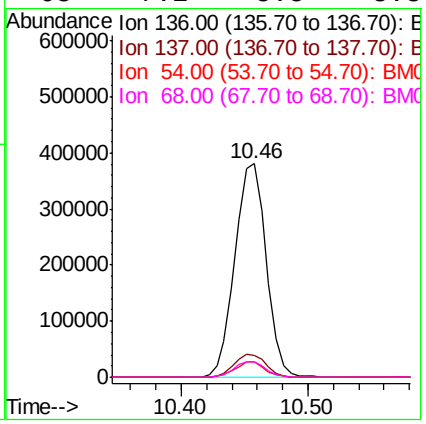


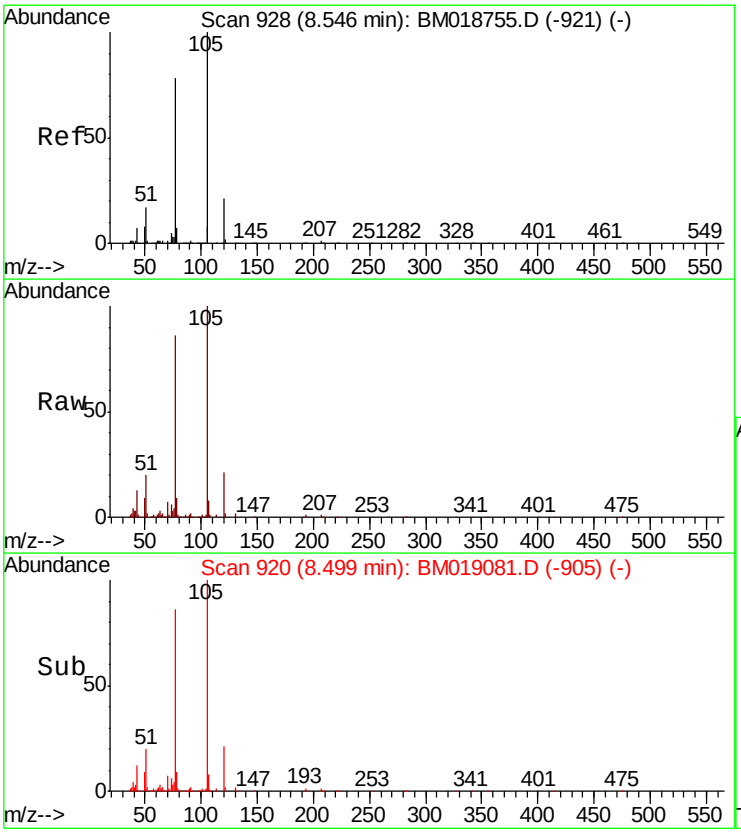

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:136 Resp: 653519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.4 | 8.8 | 13.2 |
| 54 | 7.0 | 5.0 | 7.6 |
| 68 | 7.2 | 5.5 | 8.3 |

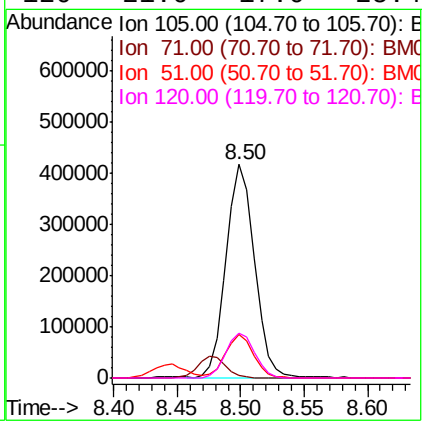


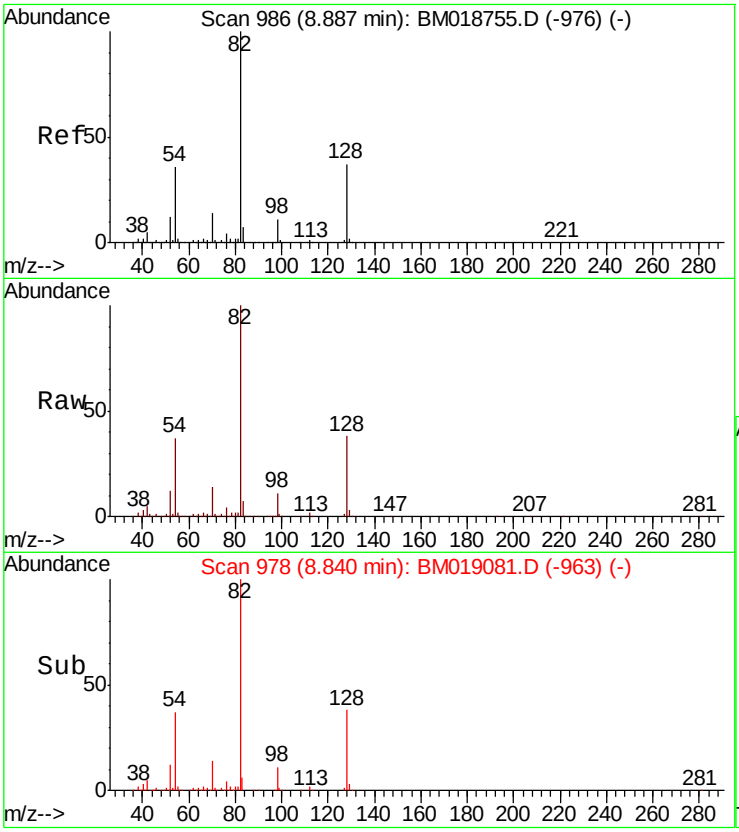




#22
Acetophenone
Concen: 35.749 ng
RT: 8.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:105 Resp: 641586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 1.1 | 1.1 | 1.7 |
| 51 | 20.5 | 15.5 | 23.3 |
| 120 | 21.0 | 17.0 | 25.4 |



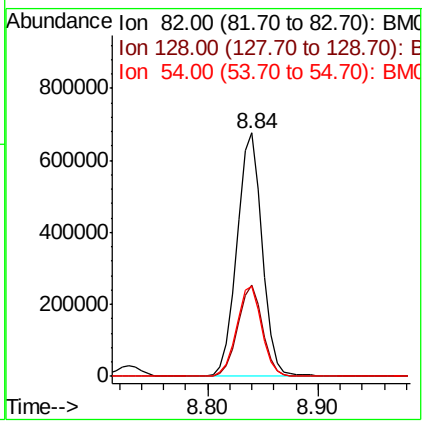


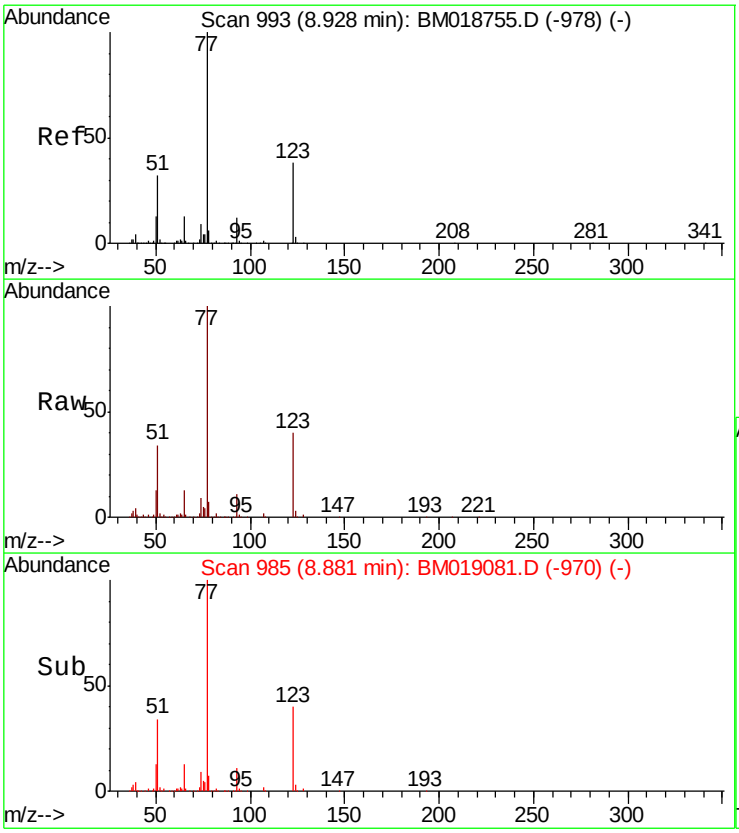

#23
Nitrobenzene-d5
Concen: 76.887 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion: 82 Resp: 1086698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 37.7 | 29.9 | 44.9 |
| 54 | 37.1 | 29.1 | 43.7 |

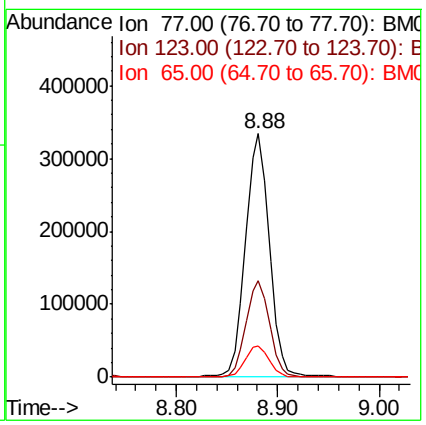


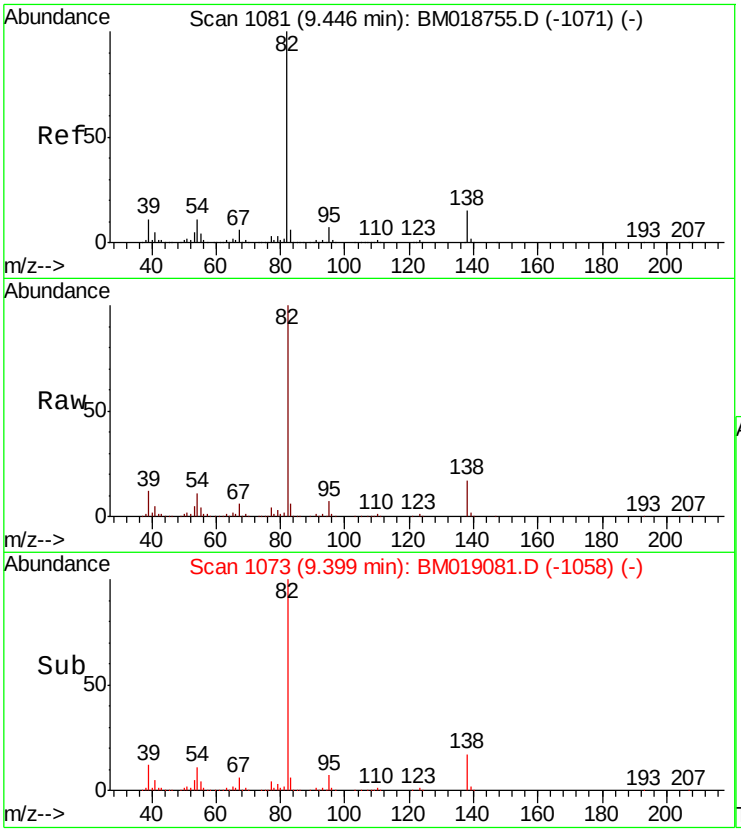




#24
Nitrobenzene
Concen: 37.337 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion: 77 Resp: 547763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 39.7 | 30.7 | 46.1 |
| 65 | 12.9 | 10.5 | 15.7 |



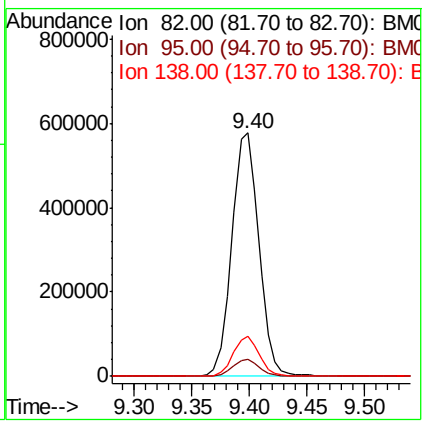


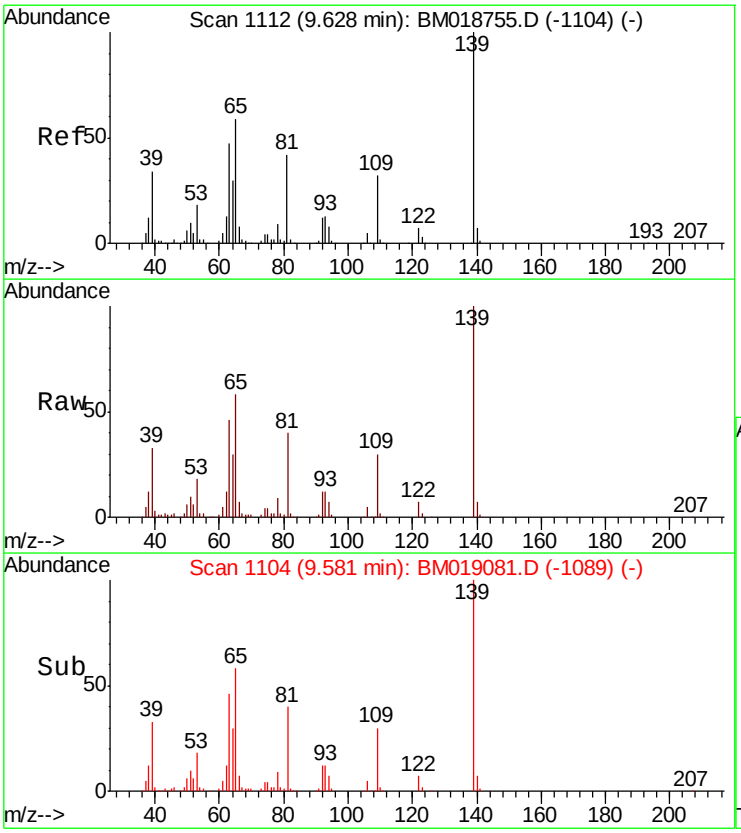

#25
Isophorone
Concen: 41.663 ng
RT: 9.40 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion: 82 Resp: 939568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.9 | 5.7 | 8.5 |
| 138 | 16.6 | 12.3 | 18.5 |

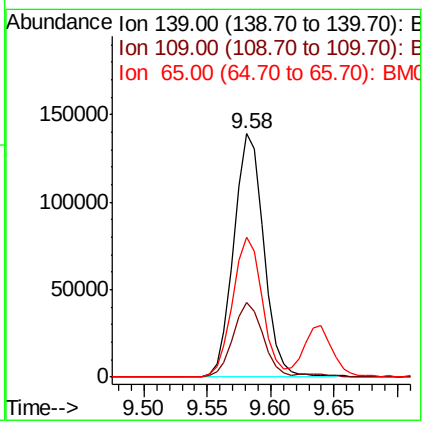


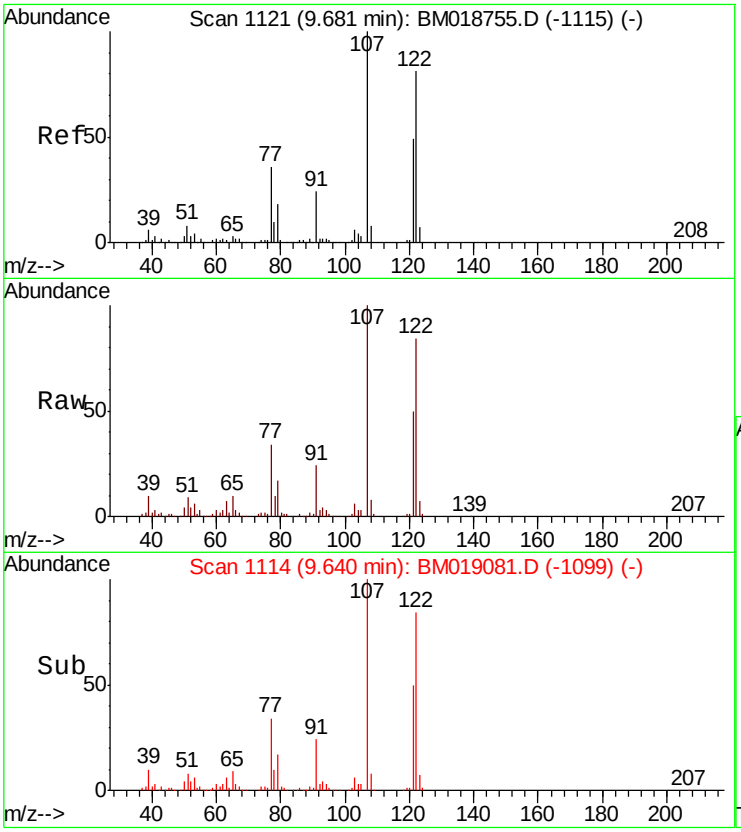




#26
2-Nitrophenol
Concen: 39.160 ng
RT: 9.58 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:139 Resp: 228788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 30.5 | 25.2 | 37.8 |
| 65 | 57.6 | 47.0 | 70.4 |



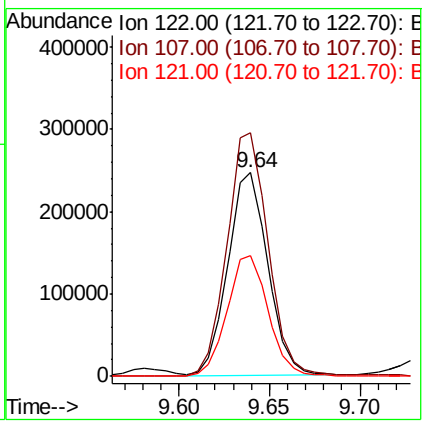


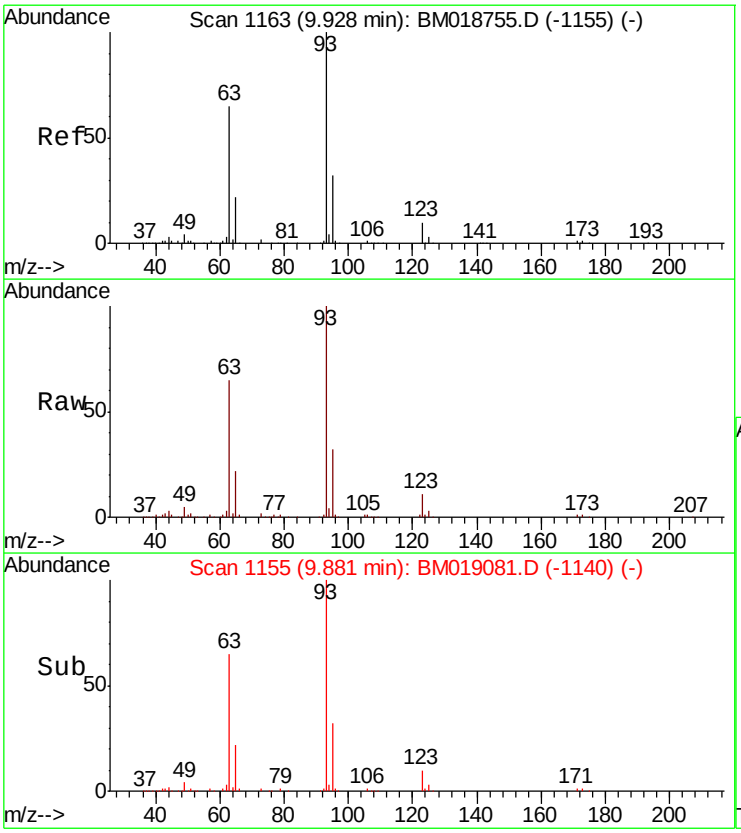

#27
2,4-Dimethylphenol
Concen: 44.317 ng
RT: 9.64 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:122 Resp: 378169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 119.6 | 97.6 | 146.4 |
| 121 | 59.4 | 47.9 | 71.9 |

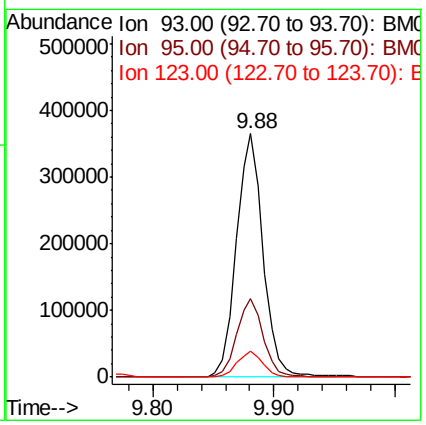


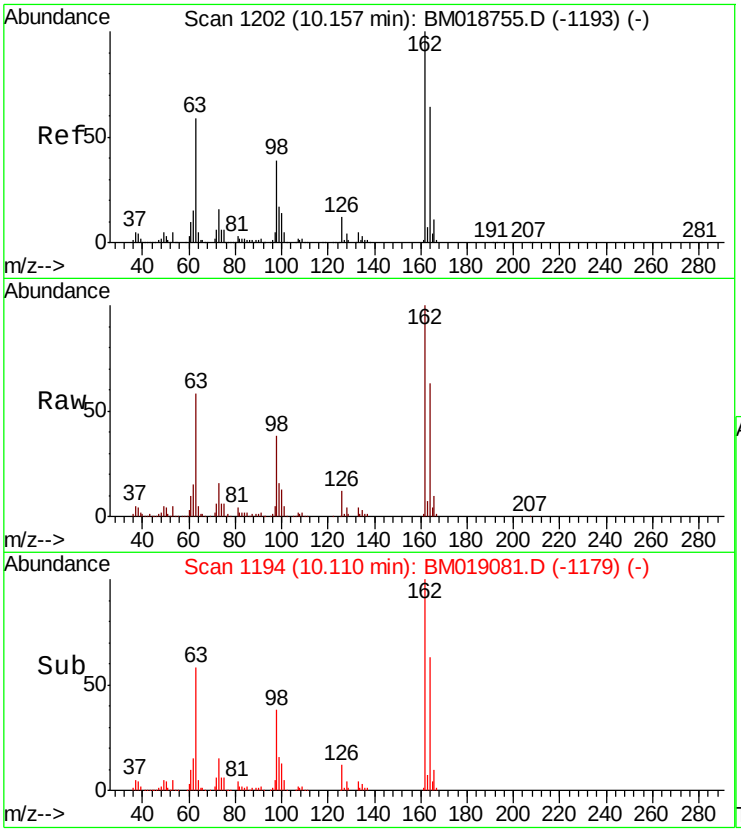




#28
bis(2-Chloroethoxy)methane
Concen: 38.496 ng
RT: 9.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion: 93 Resp: 561388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.4 | 25.6 | 38.4 |
| 123 | 10.6 | 8.2 | 12.4 |



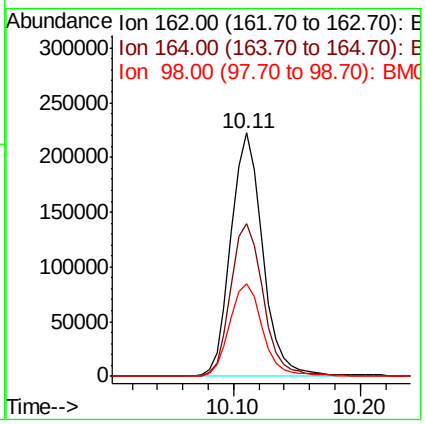


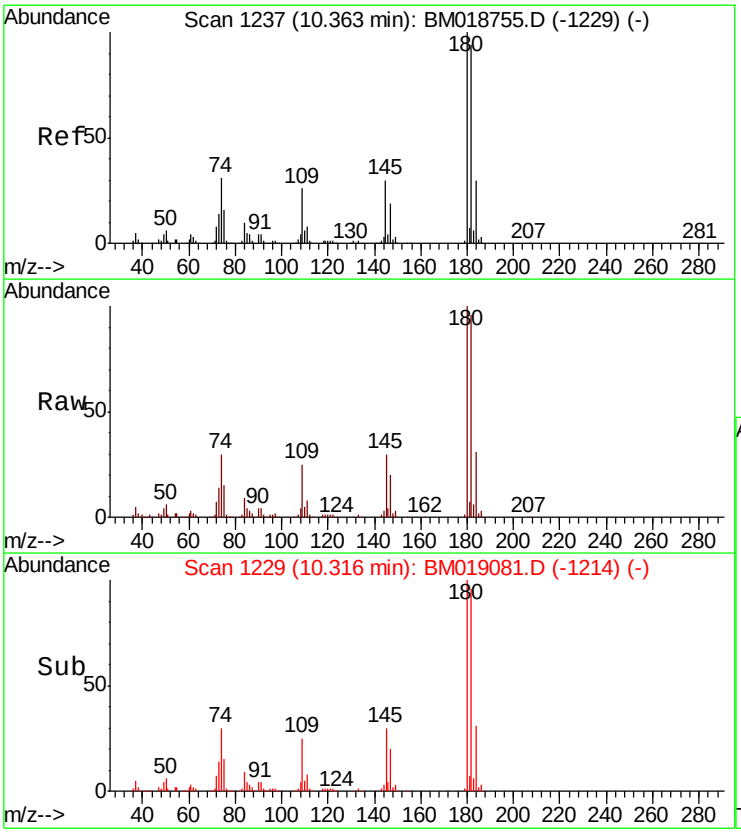

#29
2,4-Dichlorophenol
Concen: 39.516 ng
RT: 10.11 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:162 Resp: 387182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 62.8 | 44.1 | 84.1 |
| 98 | 38.2 | 19.4 | 59.4 |

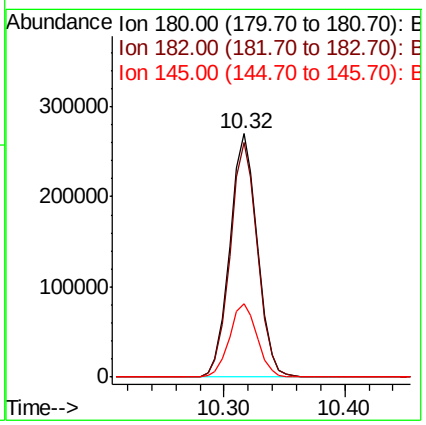


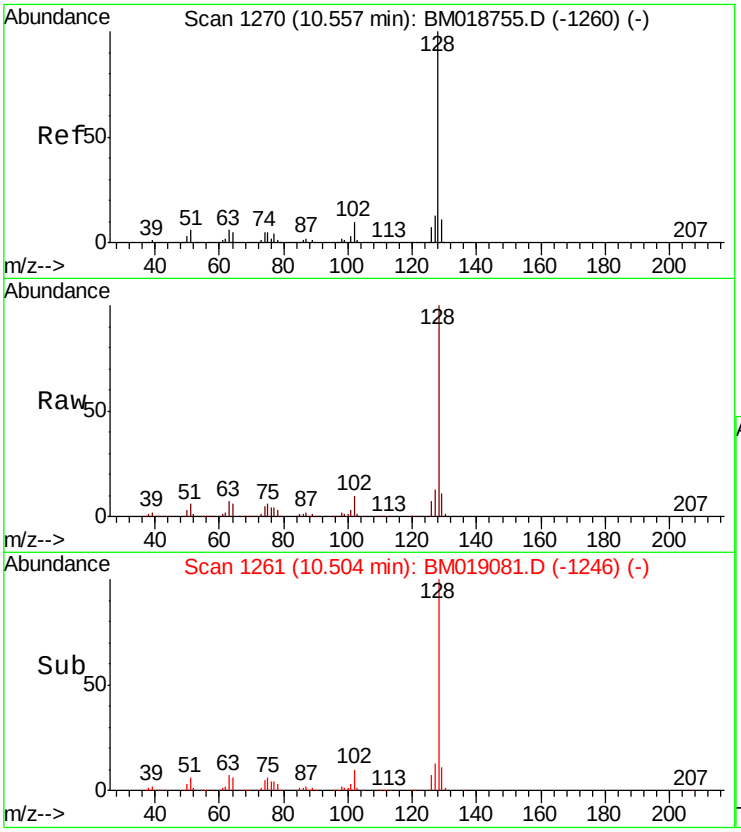




#30
1,2,4-Trichlorobenzene
Concen: 37.873 ng
RT: 10.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:180 Resp: 428552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.4 | 75.0 | 112.6 |
| 145 | 30.3 | 24.1 | 36.1 |



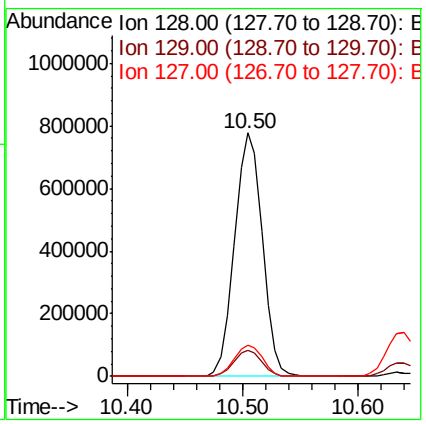


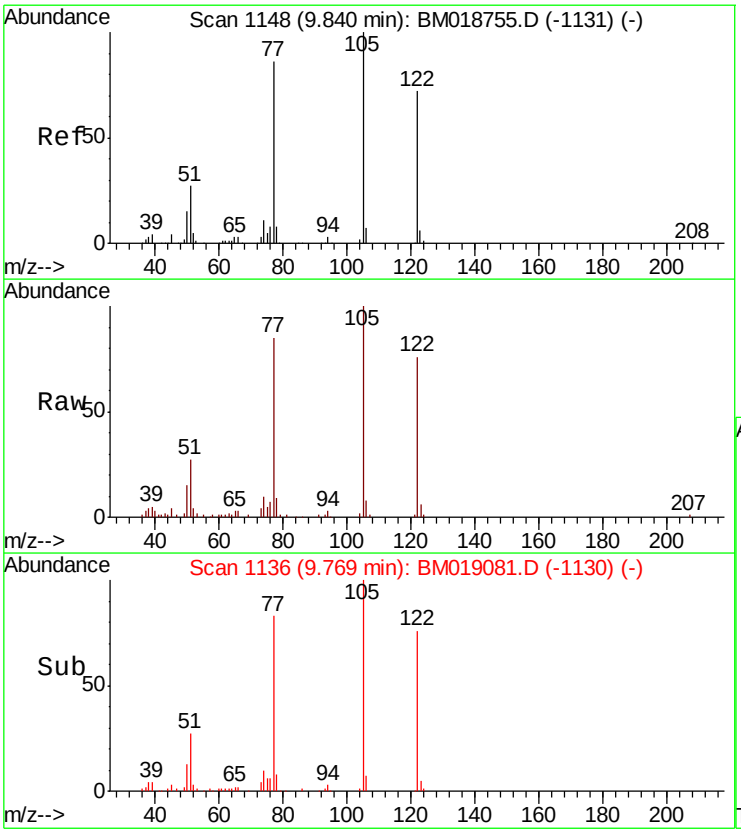

#31
Naphthalene
Concen: 40.589 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:128 Resp: 1293694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.8 | 9.0 | 13.4 |
| 127 | 12.8 | 10.7 | 16.1 |

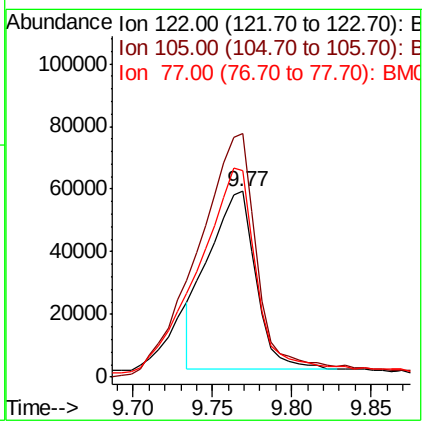


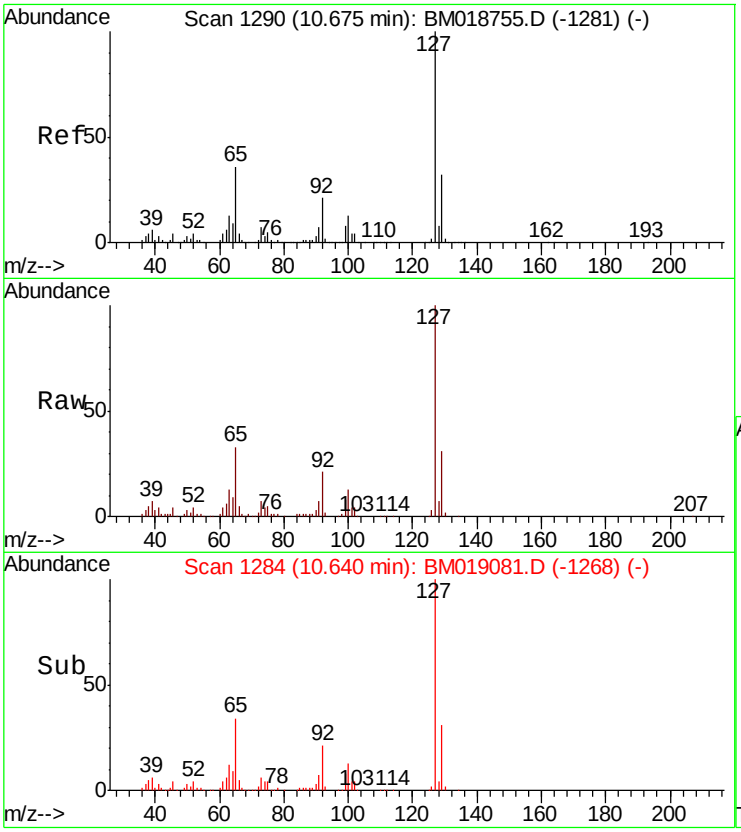




#32
Benzoic acid
Concen: 15.916 ng
RT: 9.77 min Scan# 1136
Delta R.T. -0.06 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:122 Resp: 118475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 130.9 | 117.5 | 157.5 |
| 77 | 110.8 | 98.5 | 138.5 |



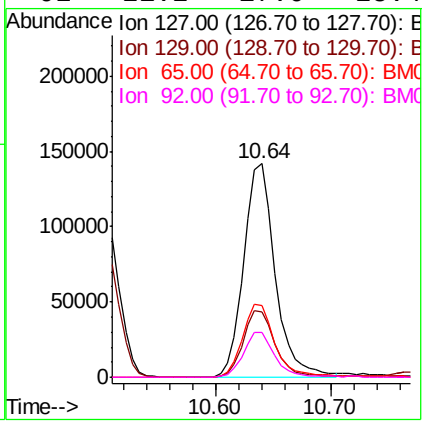


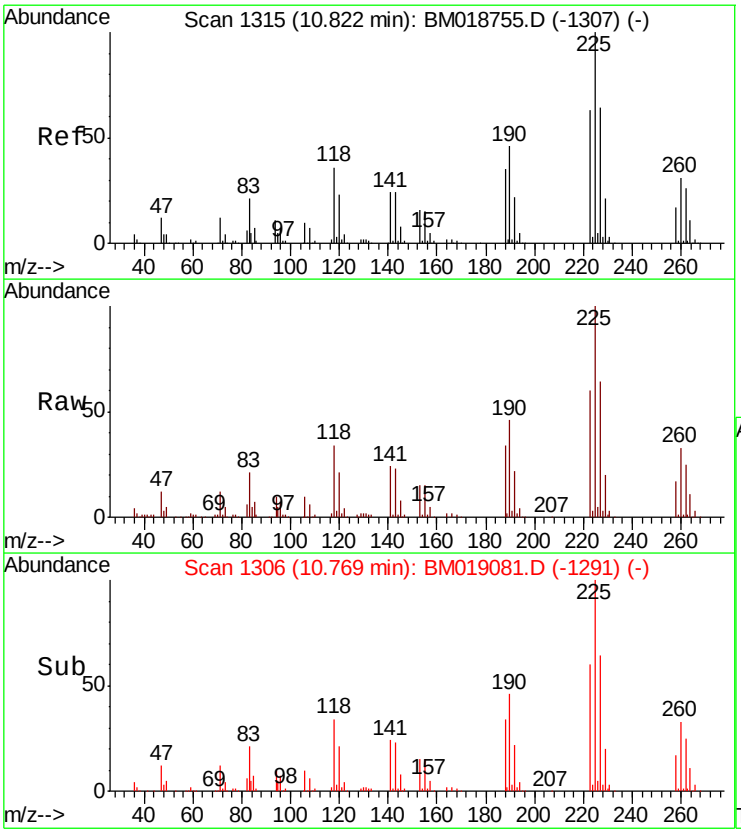

#33
4-Chloroaniline
Concen: 19.018 ng
RT: 10.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:127 Resp: 270957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 30.8 | 25.7 | 38.5 |
| 65 | 33.5 | 28.7 | 43.1 |
| 92 | 21.2 | 17.0 | 25.4 |

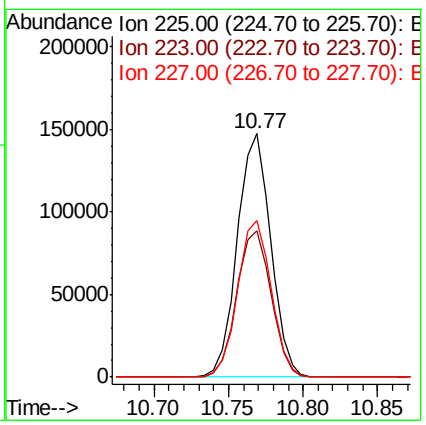


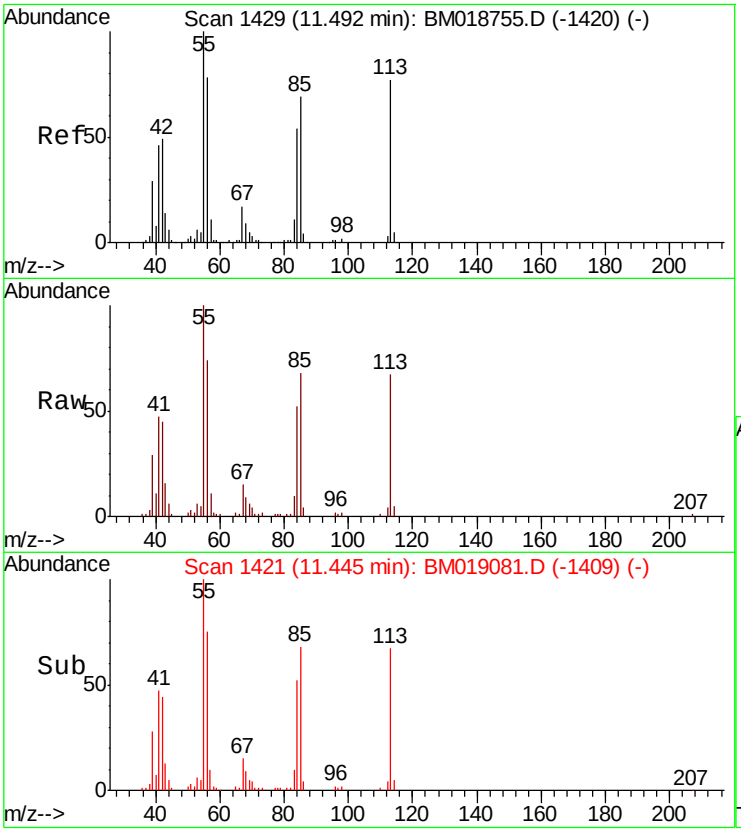




#34
Hexachlorobutadiene
Concen: 35.012 ng
RT: 10.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:225 Resp: 229957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 60.4 | 50.1 | 75.1 |
| 227 | 64.3 | 51.4 | 77.0 |



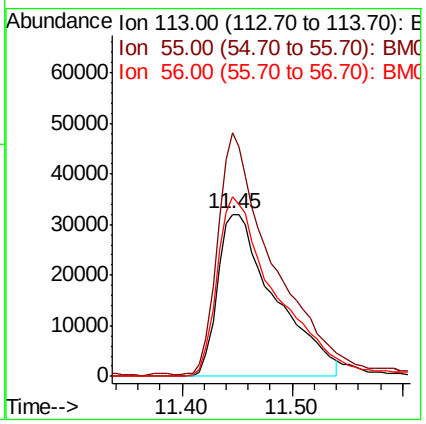


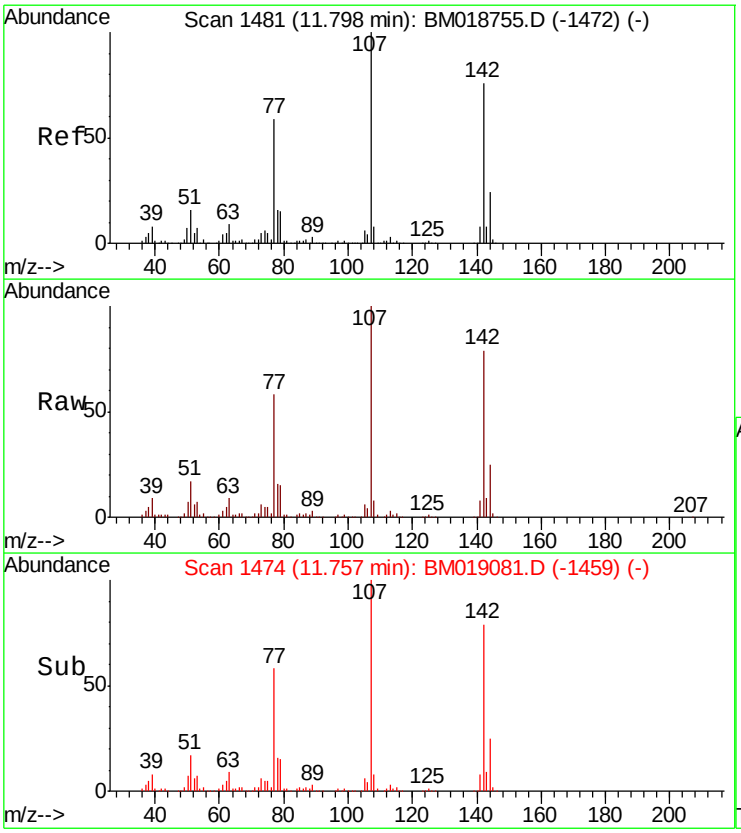

#35
Caprolactam
Concen: 29.045 ng
RT: 11.45 min Scan# 1421
Delta R.T. -0.03 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:113 Resp: 116146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 150.0 | 110.7 | 150.7 |
| 56 | 110.8 | 82.4 | 122.4 |

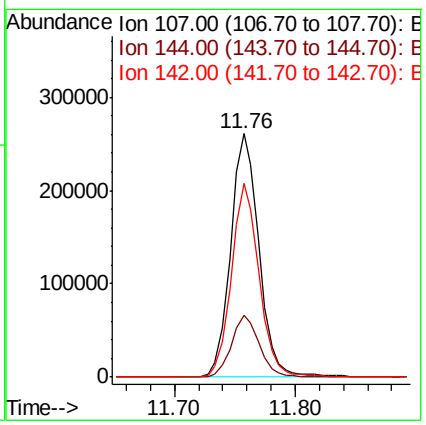


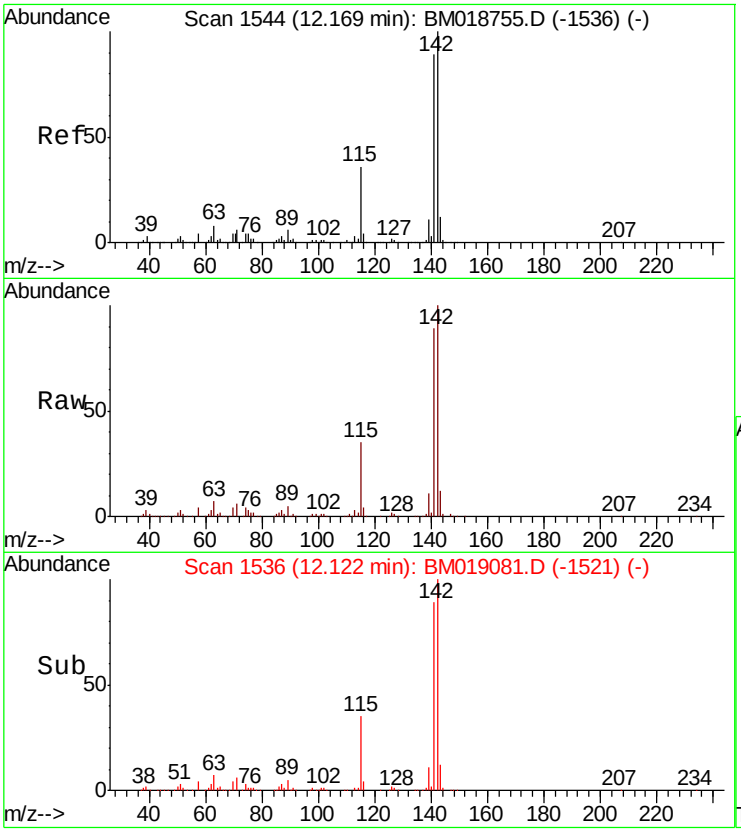




#36
4-Chloro-3-methylphenol
Concen: 36.038 ng
RT: 11.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:107 Resp: 425727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.2 | 19.3 | 28.9 |
| 142 | 79.5 | 60.5 | 90.7 |



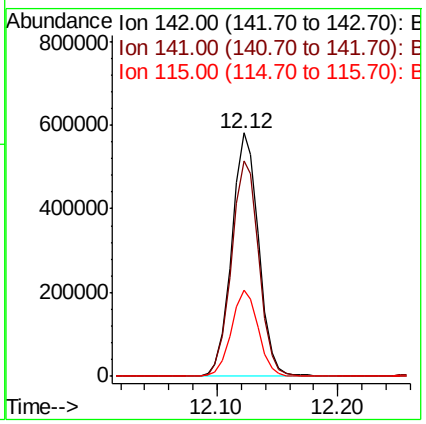


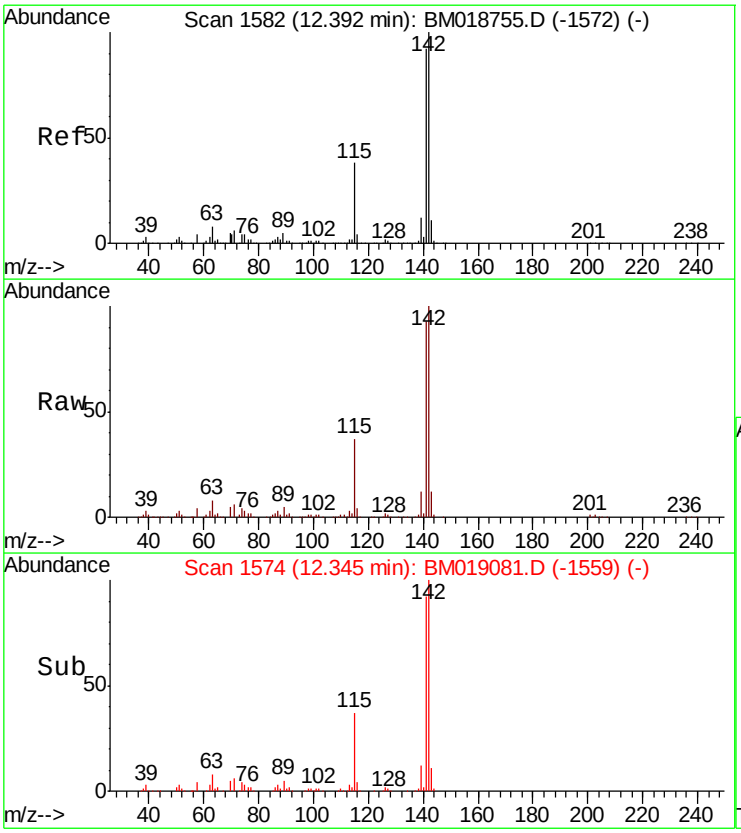

#37
2-Methylnaphthalene
Concen: 40.307 ng
RT: 12.12 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:142 Resp: 904499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.7 | 71.2 | 106.8 |
| 115 | 35.2 | 29.1 | 43.7 |

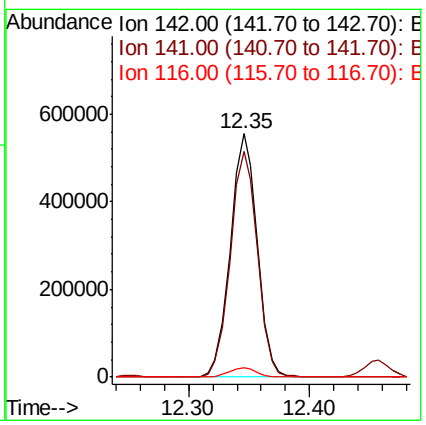


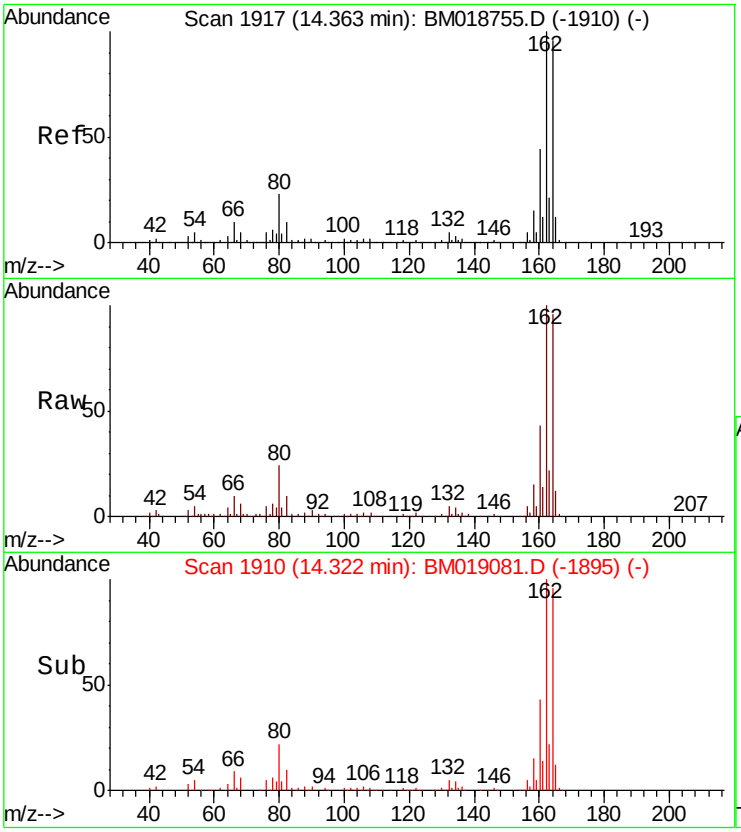




#38
1-Methylnaphthalene
Concen: 39.011 ng
RT: 12.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:142 Resp: 856040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.8 | 73.9 | 110.9 |
| 116 | 3.9 | 3.0 | 4.4 |



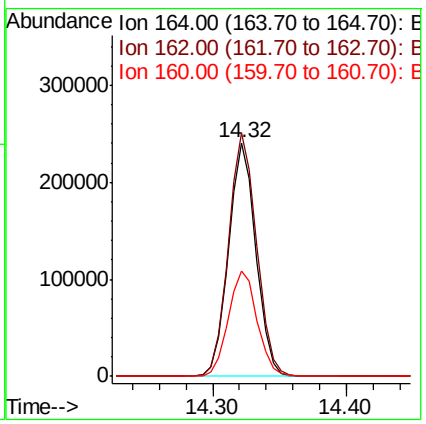


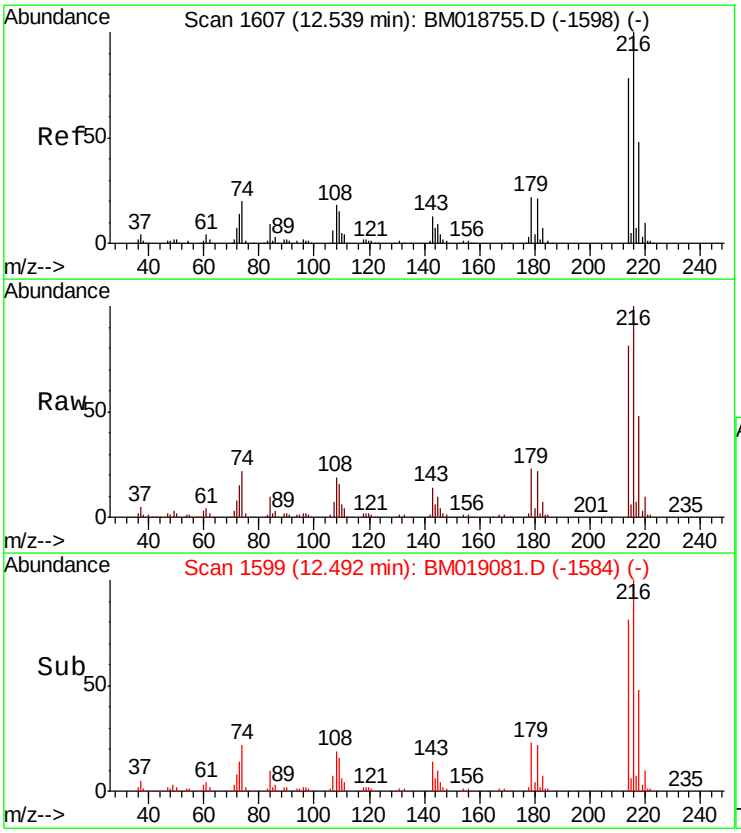

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:164 Resp: 343883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.3 | 83.4 | 125.0 |
| 160 | 45.2 | 36.6 | 55.0 |

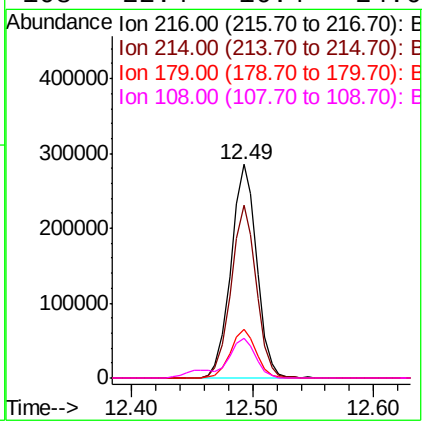


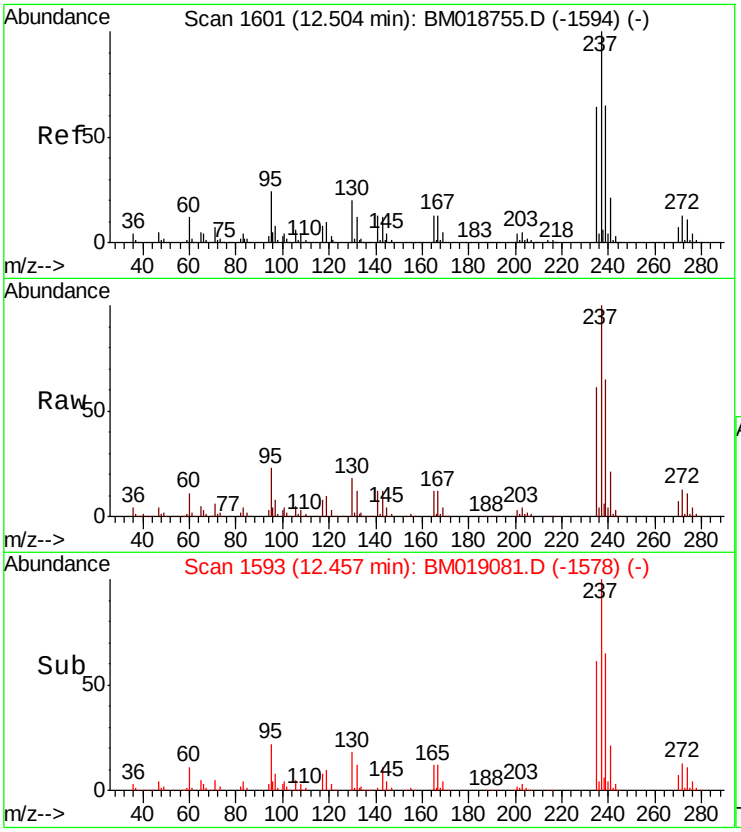




#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.650 ng
RT: 12.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:216 Resp: 425165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.2 | 63.2 | 94.8 |
| 179 | 22.4 | 17.8 | 26.8 |
| 108 | 22.4 | 16.4 | 24.6 |



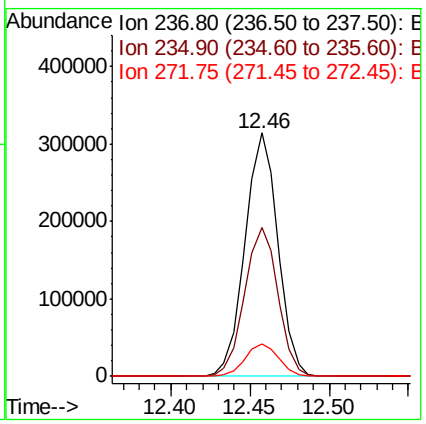


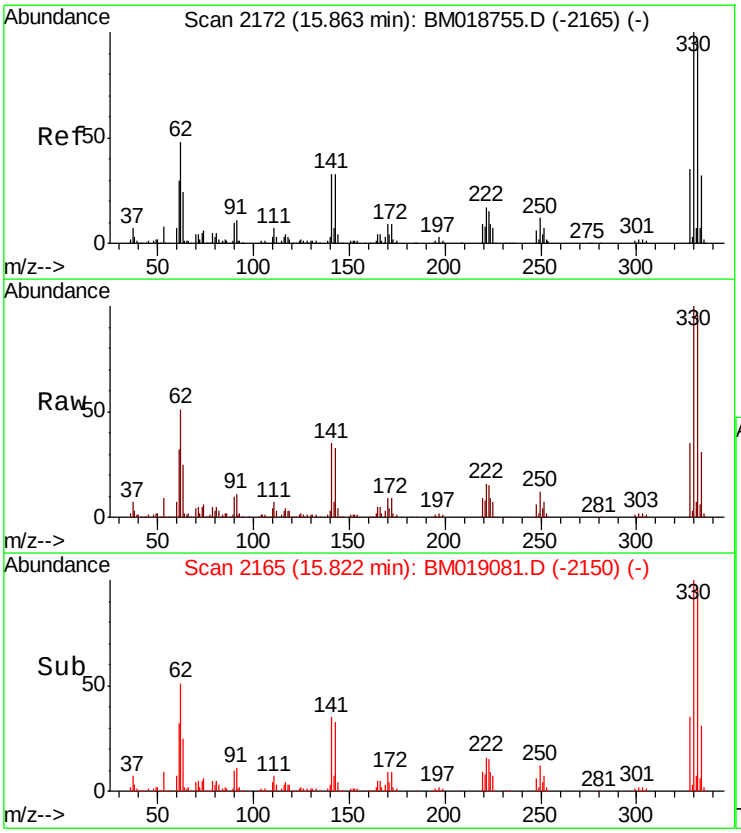

#41
Hexachlorocyclopentadiene
Concen: 80.500 ng
RT: 12.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:237 Resp: 452753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 61.3 | 43.7 | 83.7 |
| 272 | 13.2 | 0.0 | 33.3 |

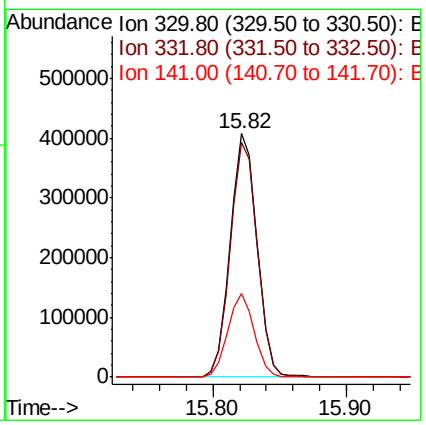


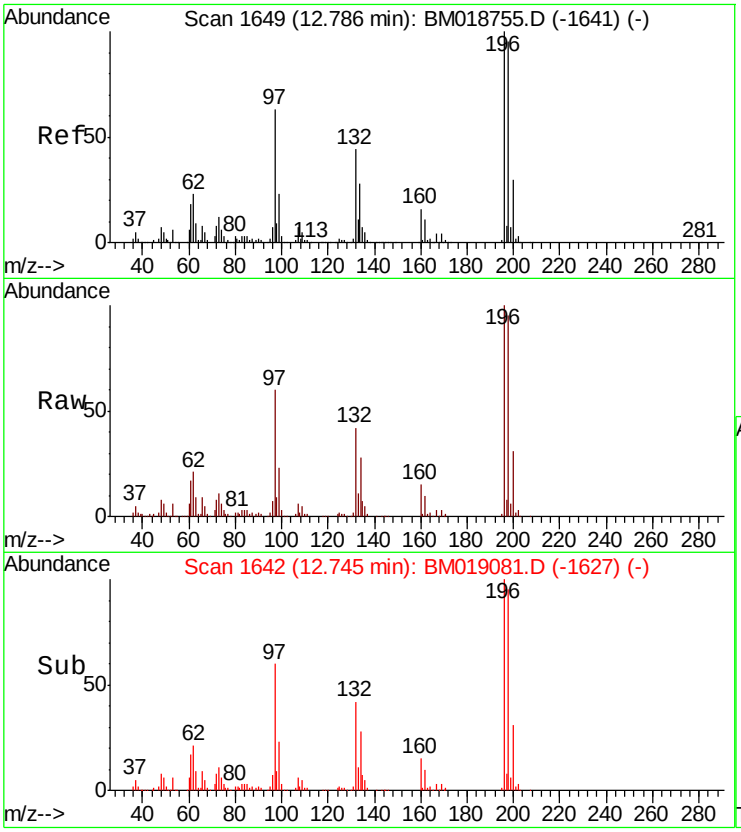




#42
2,4,6-Tribromophenol
Concen: 115.950 ng
RT: 15.82 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:330 Resp: 574762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.0 | 76.9 | 115.3 |
| 141 | 34.1 | 28.7 | 43.1 |



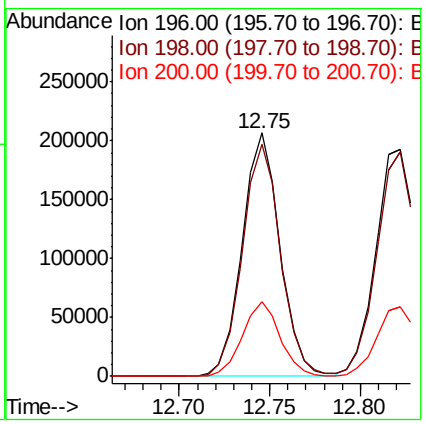


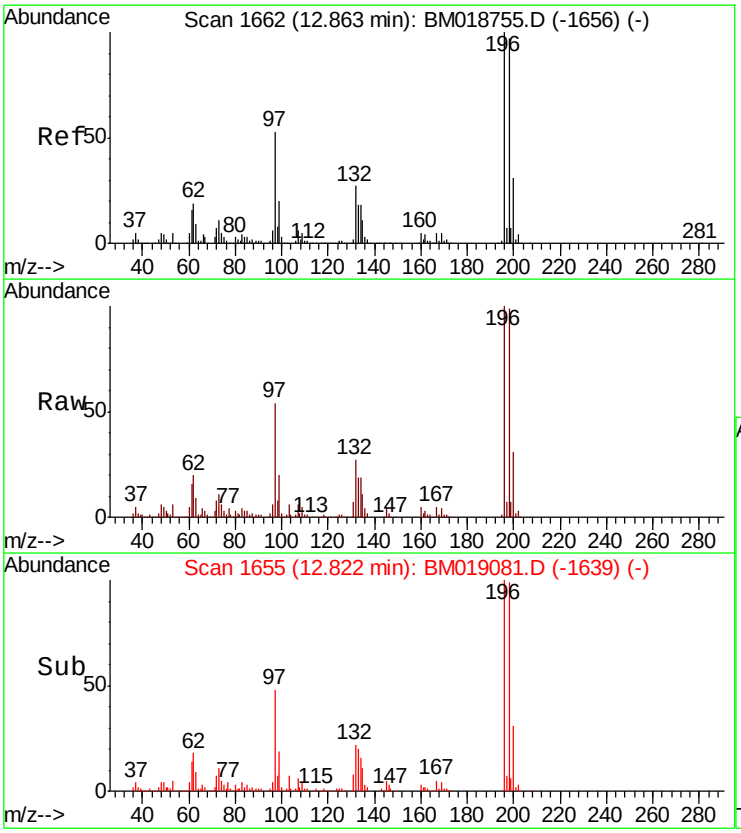

#43
2,4,6-Trichlorophenol
Concen: 41.077 ng
RT: 12.75 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:196 Resp: 299136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.4 | 76.2 | 114.2 |
| 200 | 30.6 | 24.2 | 36.2 |

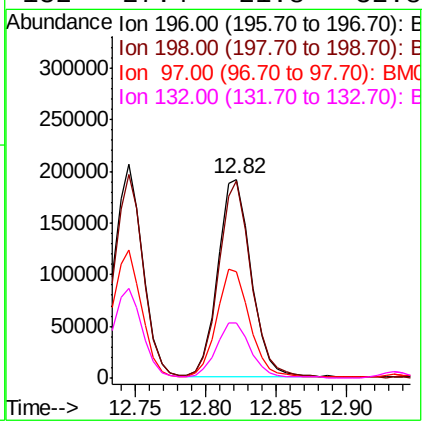


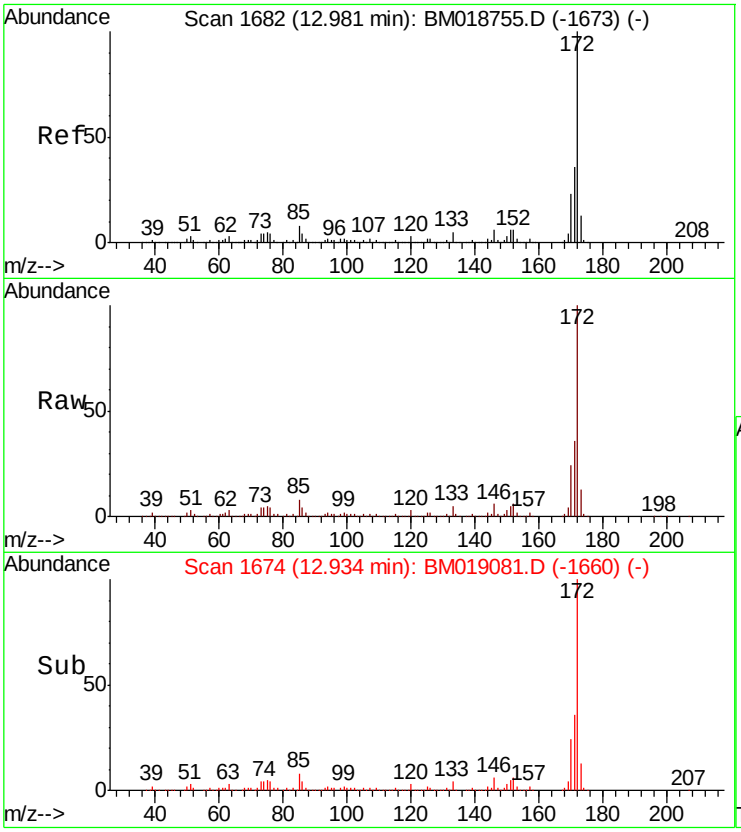




#44
2,4,5-Trichlorophenol
Concen: 40.942 ng
RT: 12.82 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:196 Resp: 312505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 98.7 | 77.6 | 116.4 |
| 97 | 53.6 | 42.8 | 64.2 |
| 132 | 27.4 | 21.8 | 32.8 |



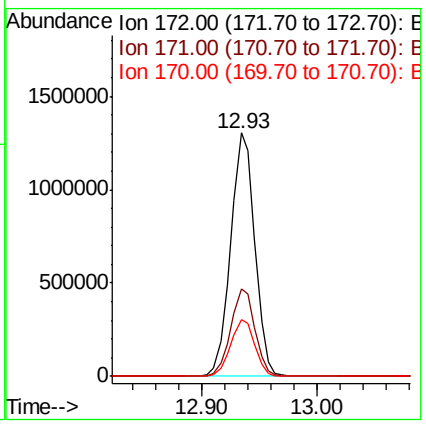


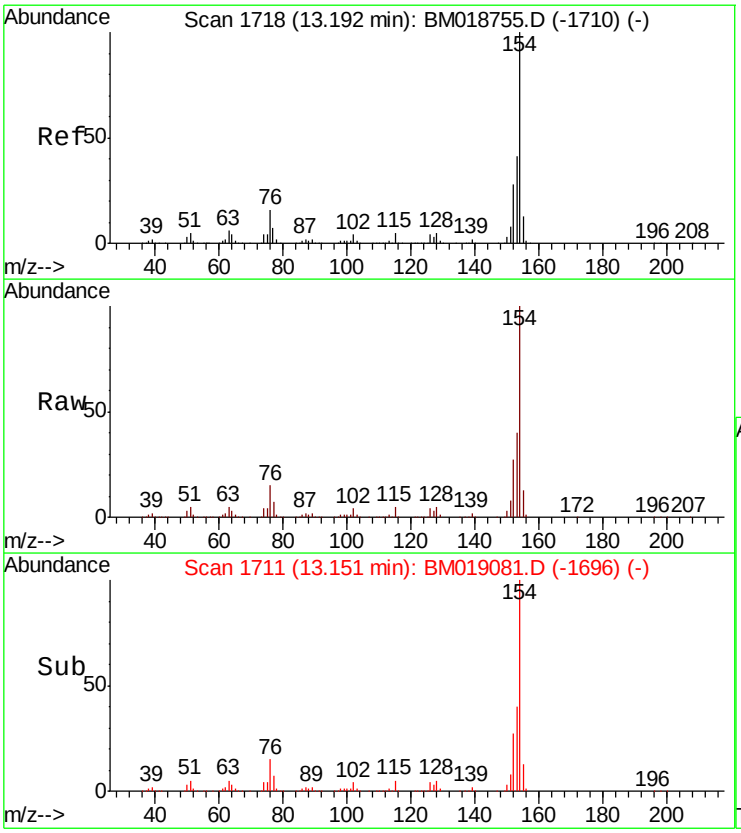

#45
2-Fluorobiphenyl
Concen: 72.688 ng
RT: 12.93 min Scan# 1674
Delta R.T. -0.02 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:172 Resp: 1882980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.9 | 29.0 | 43.6 |
| 170 | 23.5 | 18.6 | 28.0 |

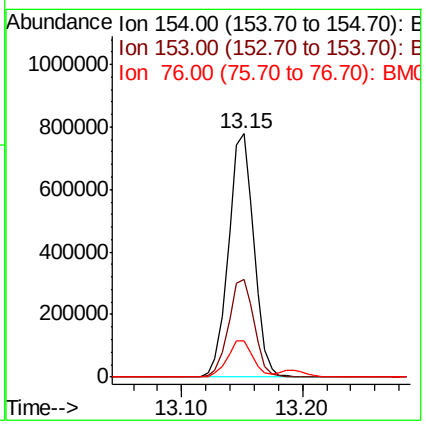


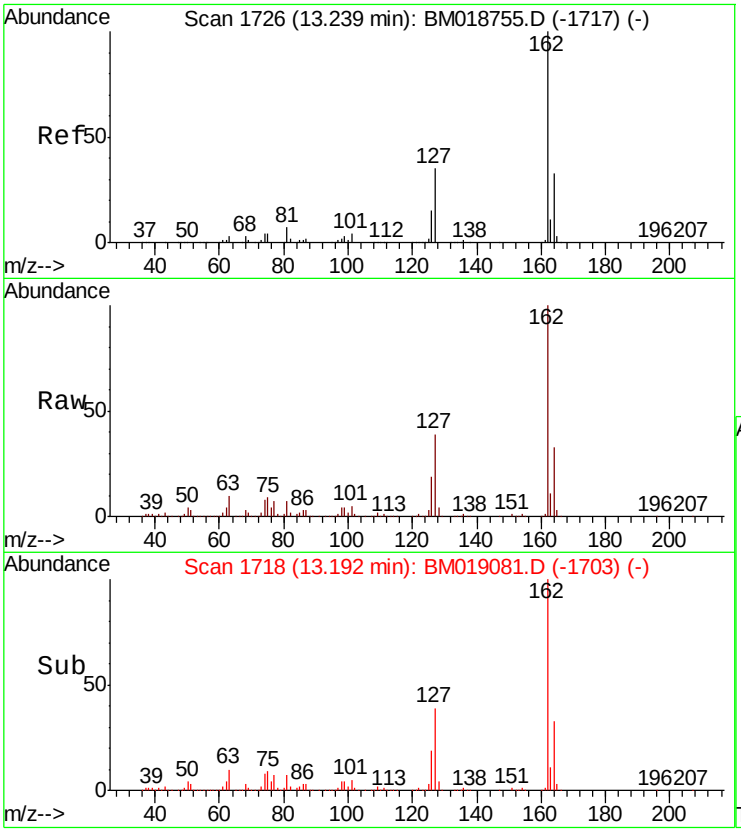




#46
1,1'-Biphenyl
Concen: 38.413 ng
RT: 13.15 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:154 Resp: 1137063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.4 | 21.1 | 61.1 |
| 76 | 14.9 | 0.0 | 35.7 |



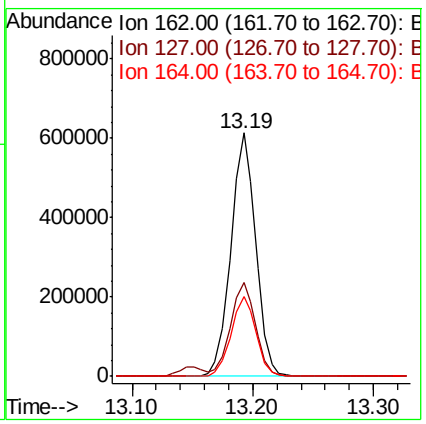


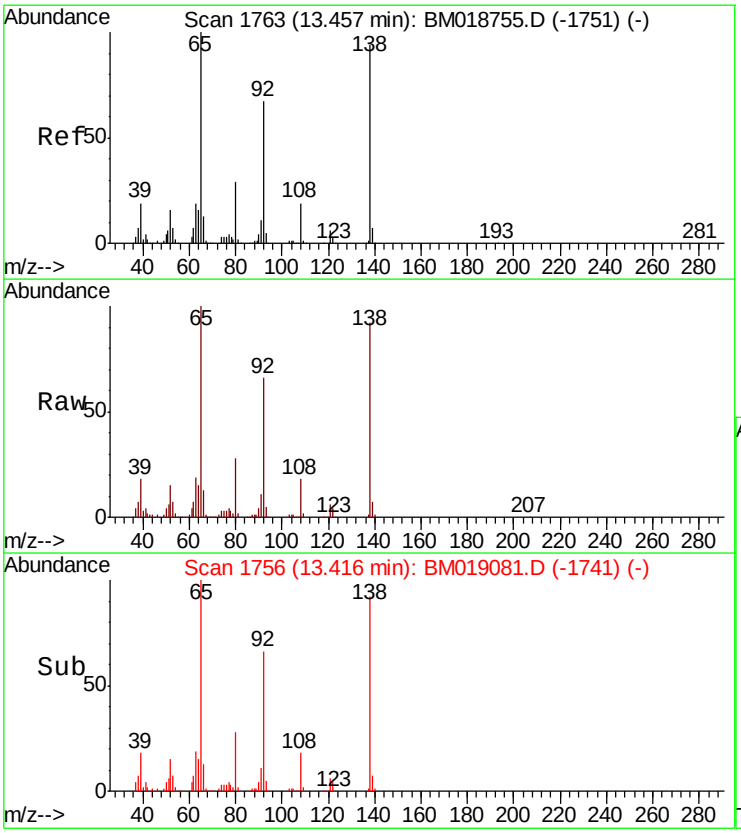

#47
2-Chloronaphthalene
Concen: 38.405 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:162 Resp: 878069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 38.7 | 31.1 | 46.7 |
| 164 | 32.6 | 26.4 | 39.6 |

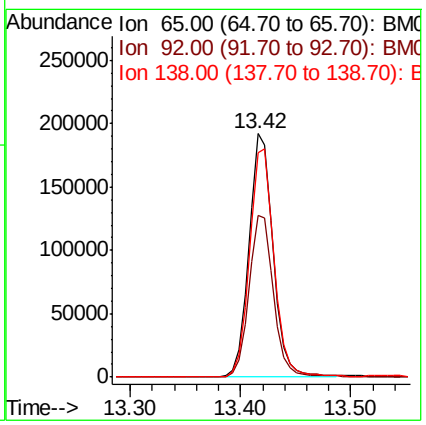


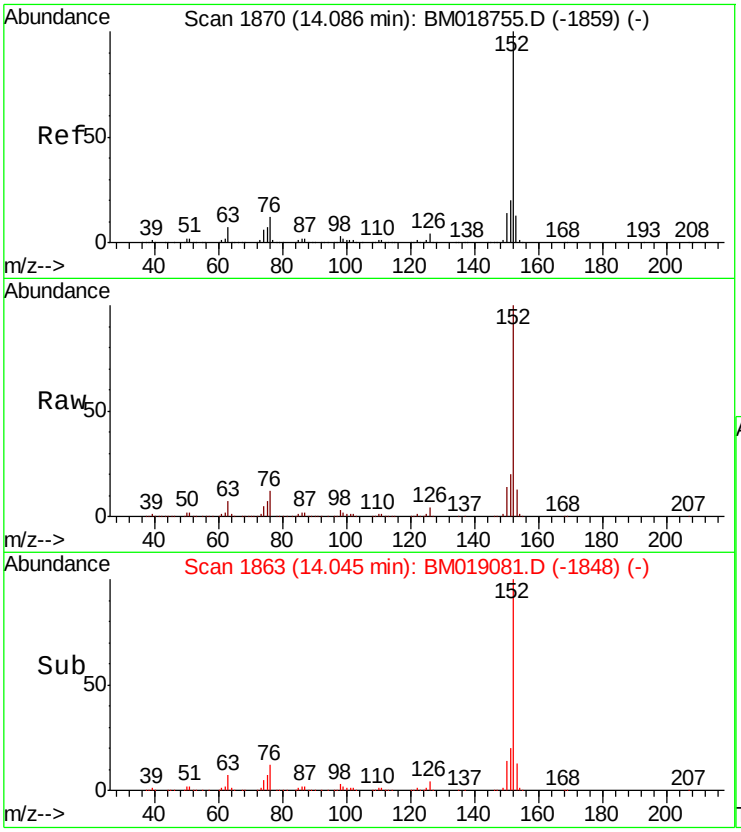




#48
2-Nitroaniline
Concen: 38.923 ng
RT: 13.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion: 65 Resp: 295552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 66.3 | 54.0 | 81.0 |
| 138 | 92.2 | 74.9 | 112.3 |



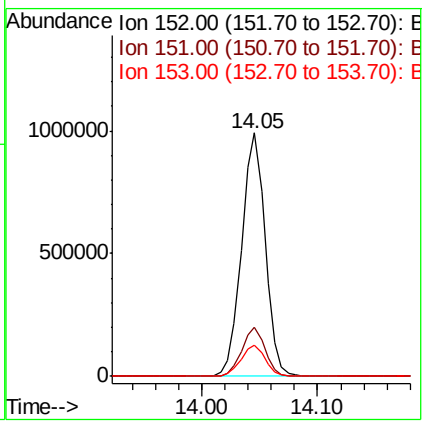


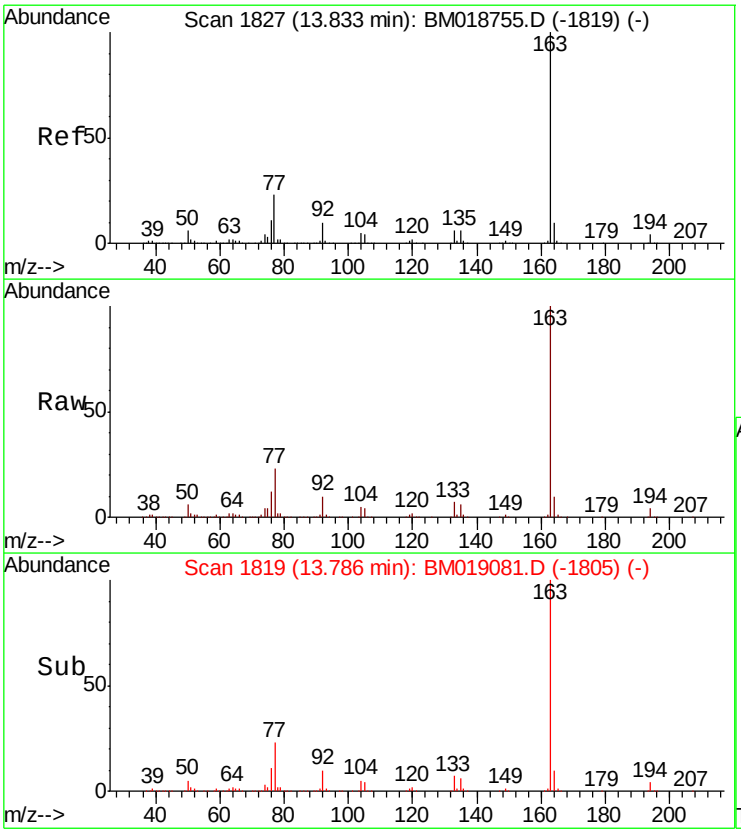

#49
Acenaphthylene
Concen: 41.367 ng
RT: 14.05 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:152 Resp: 1408282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.9 | 15.8 | 23.8 |
| 153 | 12.9 | 10.5 | 15.7 |

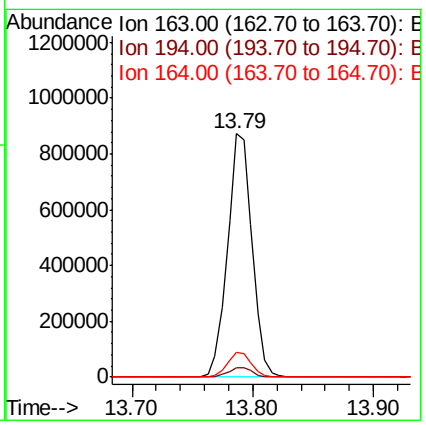


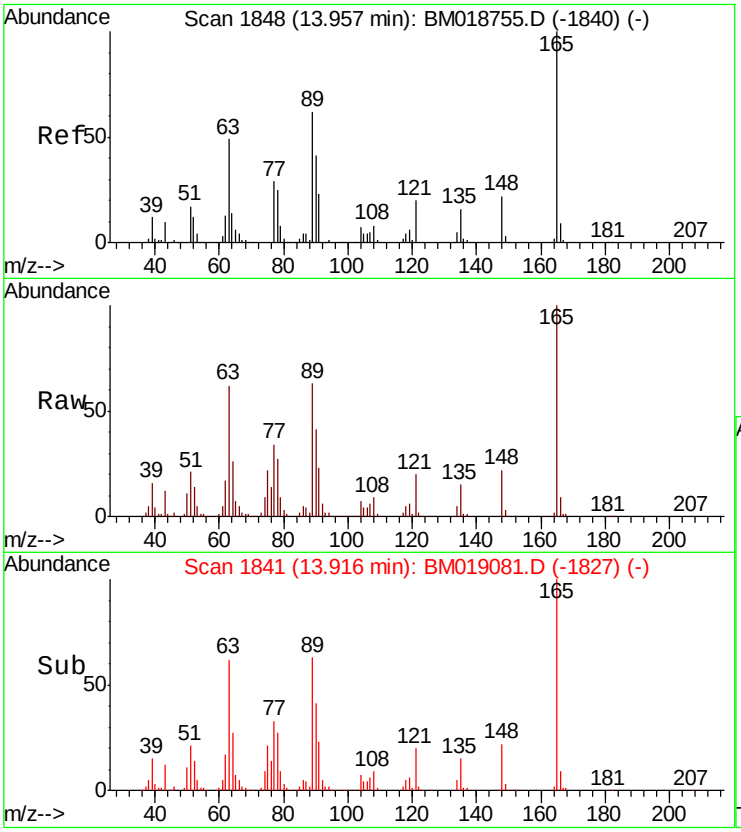




#50
Dimethylphthalate
Concen: 42.906 ng
RT: 13.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:163 Resp: 1229634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.8 | 3.2 | 4.8 |
| 164 | 10.2 | 7.8 | 11.8 |



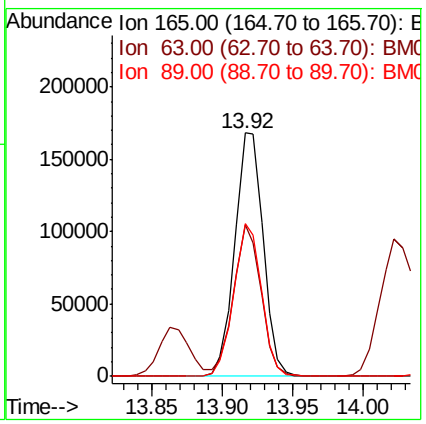


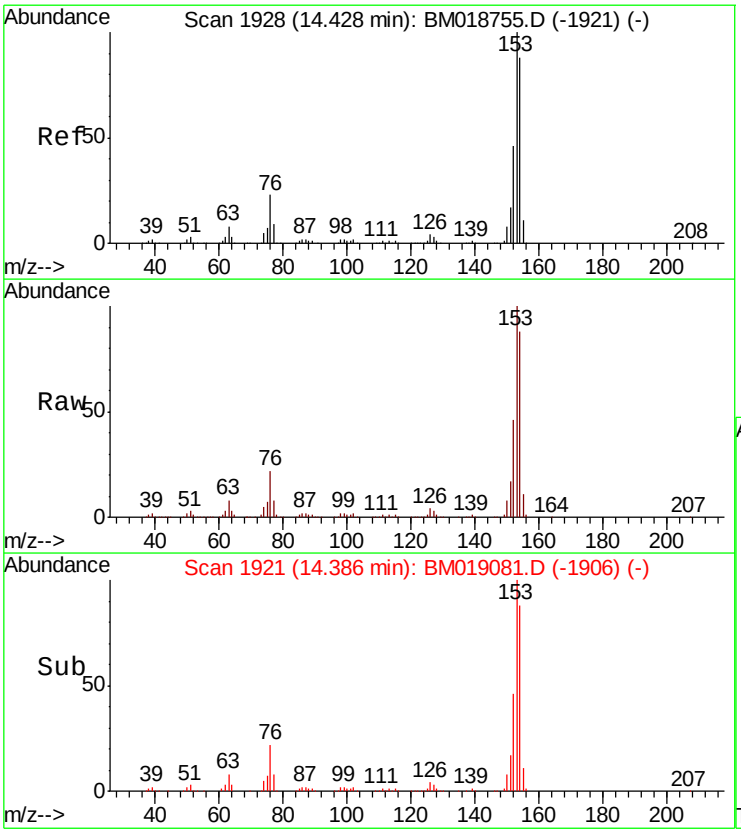

#51
2,6-Dinitrotoluene
Concen: 38.039 ng
RT: 13.92 min Scan# 1841
Delta R.T. -0.02 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:165 Resp: 236154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 62.4 | 48.9 | 73.3 |
| 89 | 62.7 | 49.4 | 74.0 |

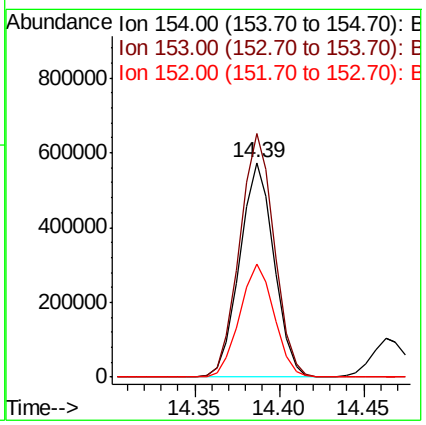


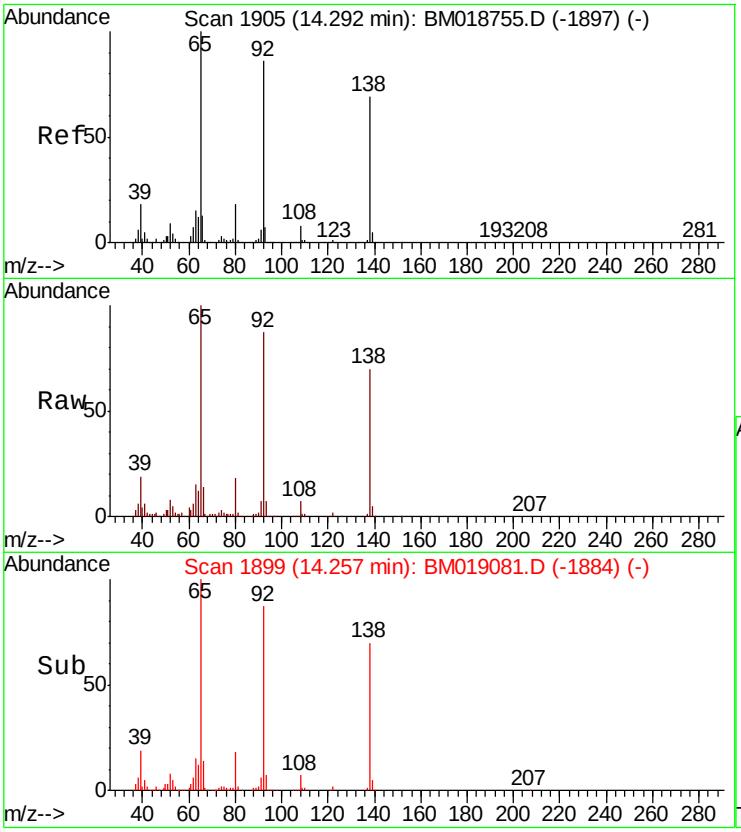




#52
Acenaphthene
Concen: 38.939 ng
RT: 14.39 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:154 Resp: 812848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.6 | 91.3 | 136.9 |
| 152 | 52.5 | 42.2 | 63.4 |



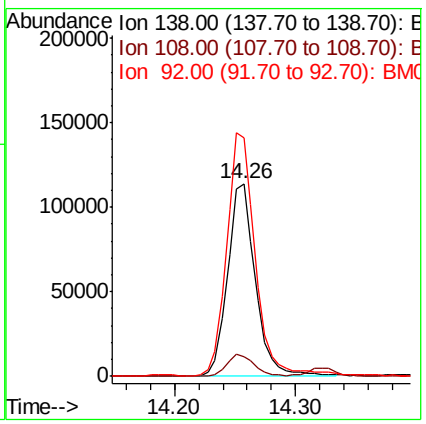


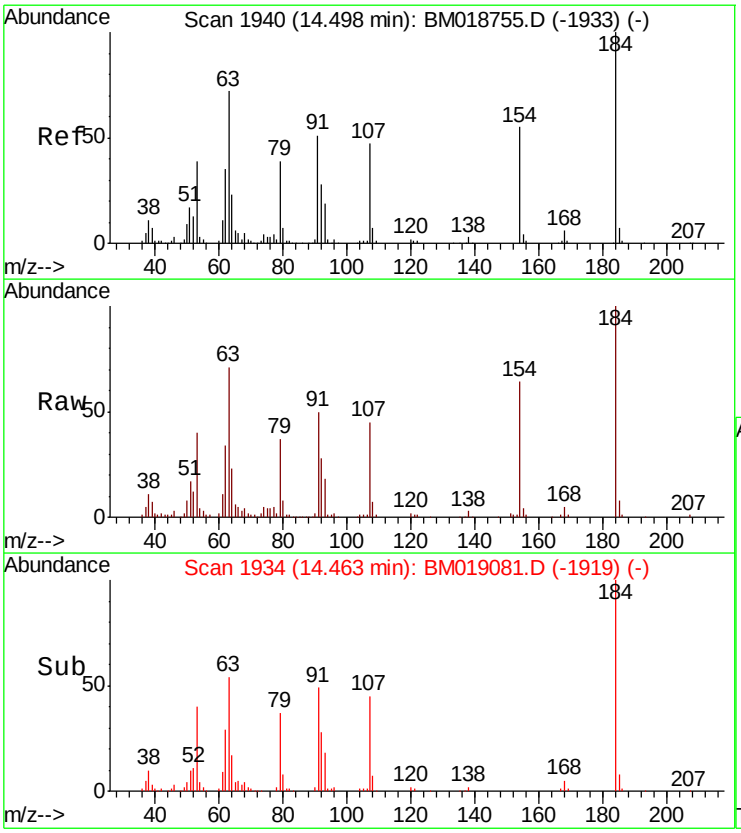

#53
3-Nitroaniline
Concen: 26.114 ng
RT: 14.26 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:138 Resp: 183176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.4 | 9.1 | 13.7 |
| 92 | 123.9 | 99.7 | 149.5 |

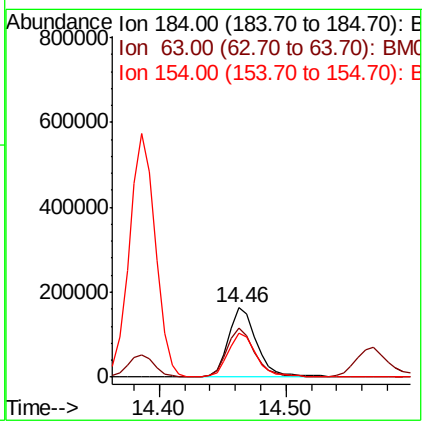


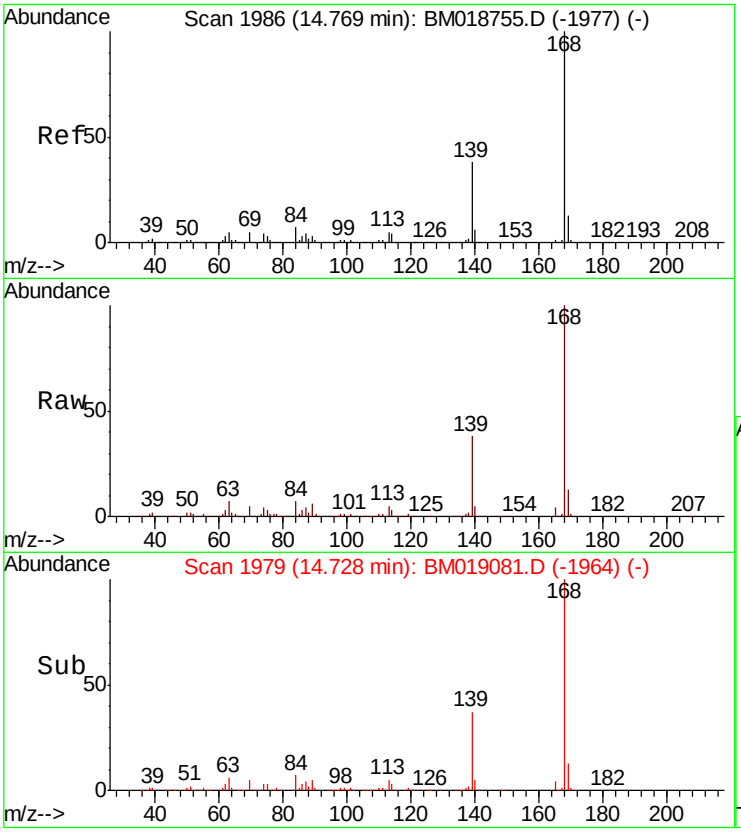




#54
2,4-Dinitrophenol
Concen: 65.102 ng
RT: 14.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:184 Resp: 251900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 70.8 | 58.0 | 87.0 |
| 154 | 63.7 | 50.3 | 75.5 |



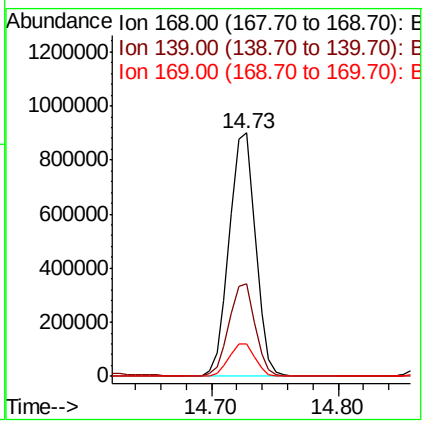


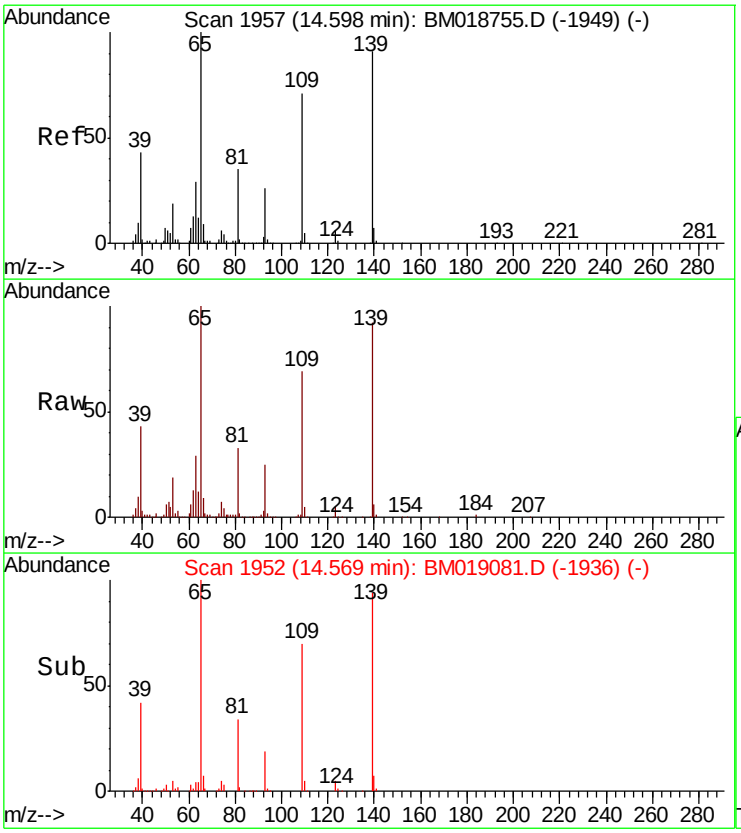

#55
Dibenzofuran
Concen: 37.615 ng
RT: 14.73 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:168 Resp: 1290608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.9 | 30.7 | 46.1 |
| 169 | 13.2 | 10.3 | 15.5 |

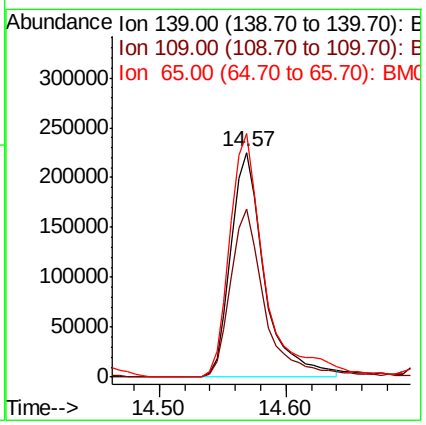


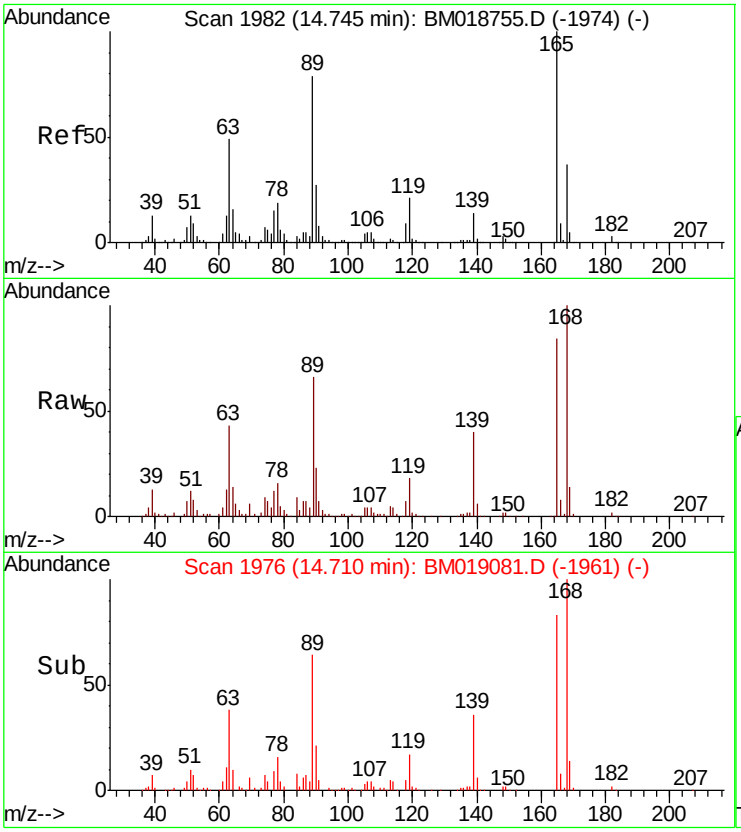




#56
4-Nitrophenol
Concen: 73.785 ng
RT: 14.57 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:139 Resp: 413166

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 74.9 | 58.4 | 98.4 |
| 65 | 108.5 | 89.8 | 129.8 |



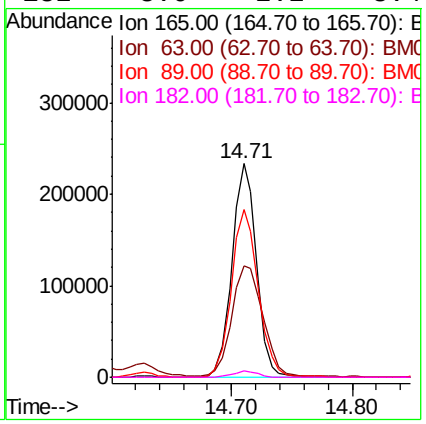


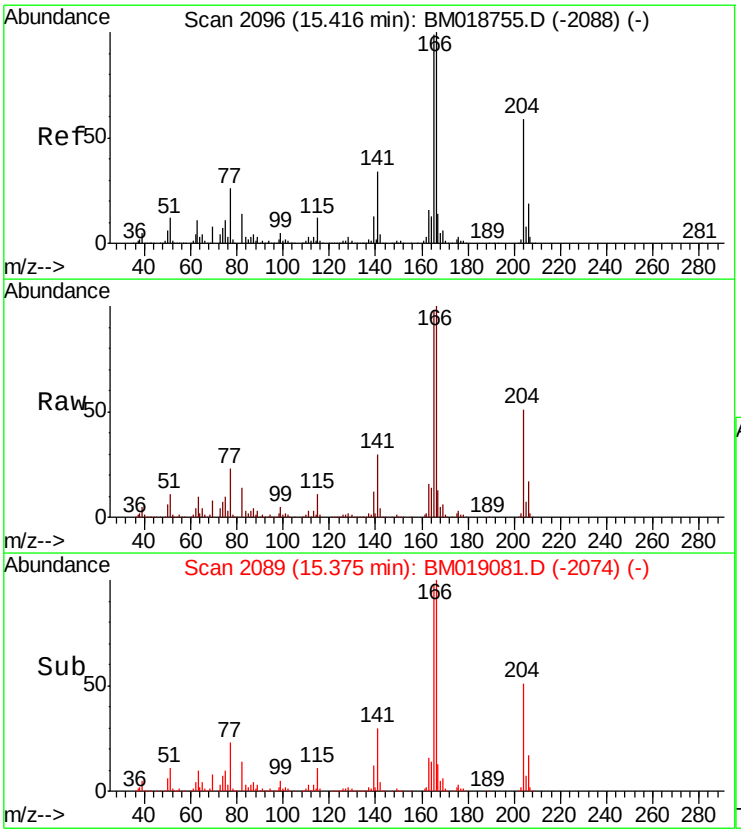

#57
2,4-Dinitrotoluene
Concen: 38.403 ng
RT: 14.71 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:165 Resp: 328490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 51.9 | 39.6 | 59.4 |
| 89 | 78.7 | 63.5 | 95.3 |
| 182 | 3.0 | 2.2 | 3.4 |

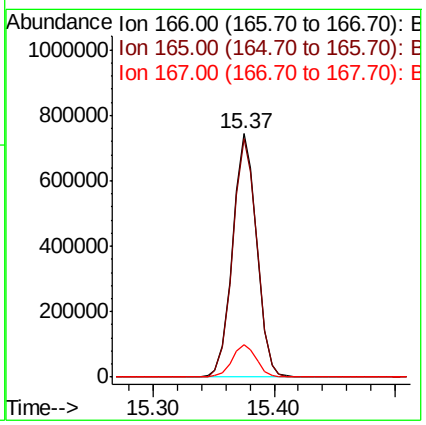


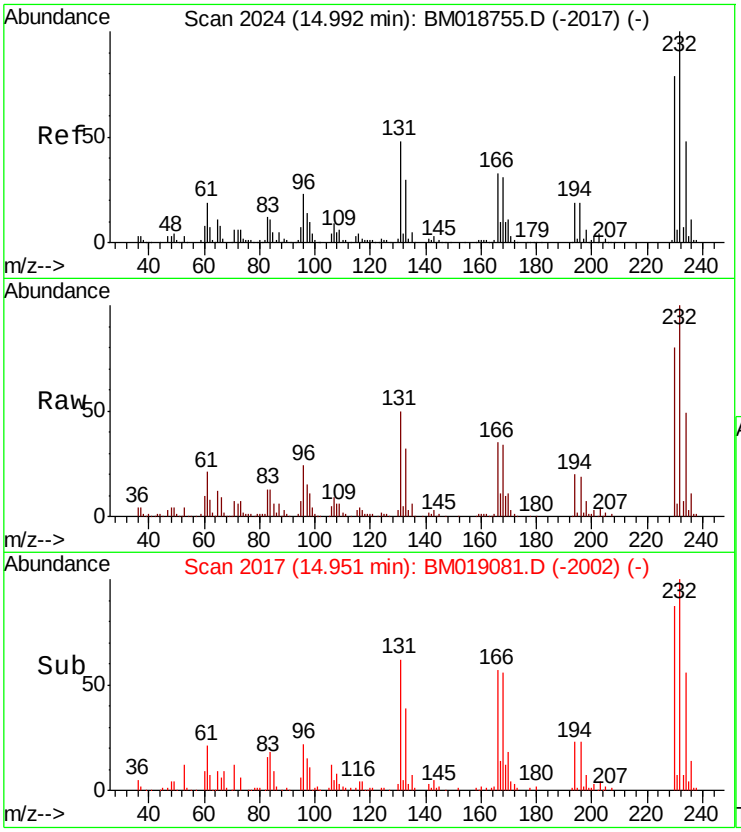




#58
Fluorene
Concen: 39.351 ng
RT: 15.37 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:166 Resp: 1032926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.0 | 79.1 | 118.7 |
| 167 | 13.5 | 11.0 | 16.4 |



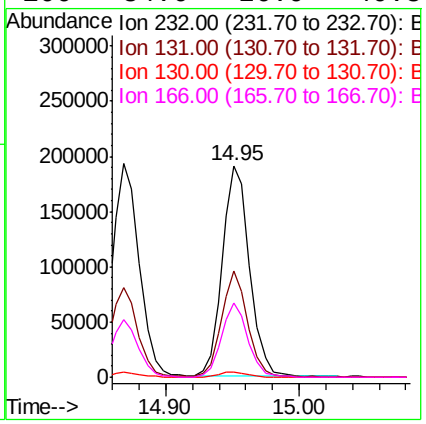


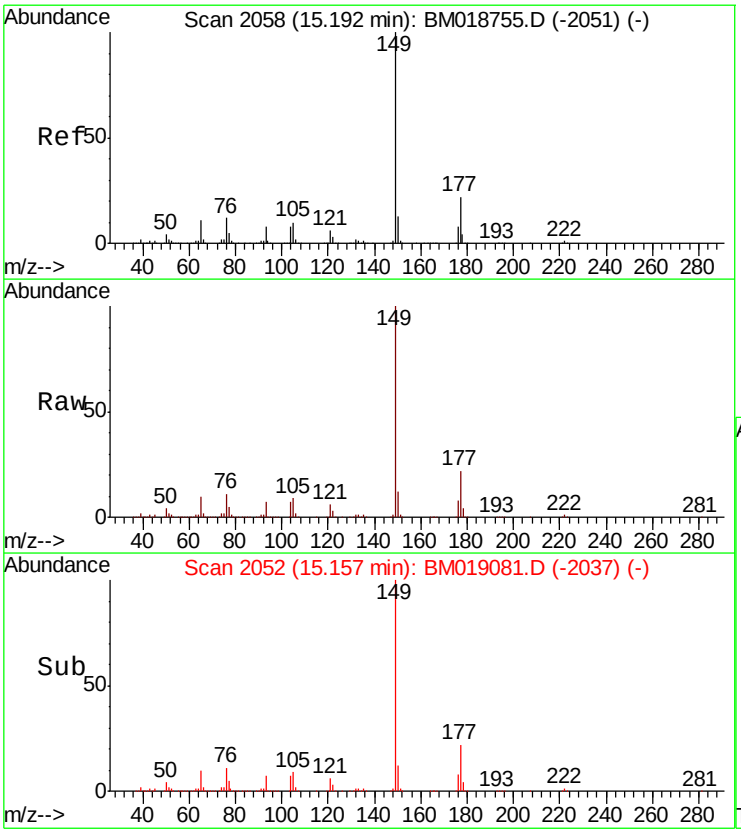

#59
2,3,4,6-Tetrachlorophenol
Concen: 40.158 ng
RT: 14.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:232 Resp: 270935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 47.8 | 38.6 | 57.8 |
| 130 | 2.6 | 2.0 | 3.0 |
| 166 | 34.6 | 26.9 | 40.3 |

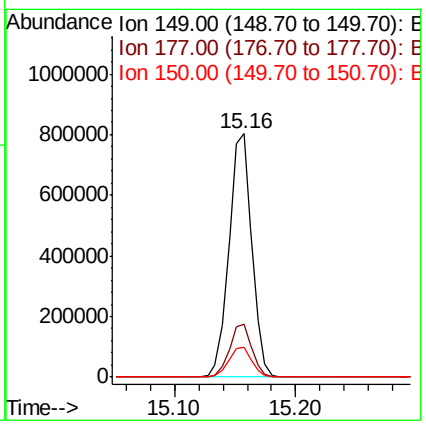


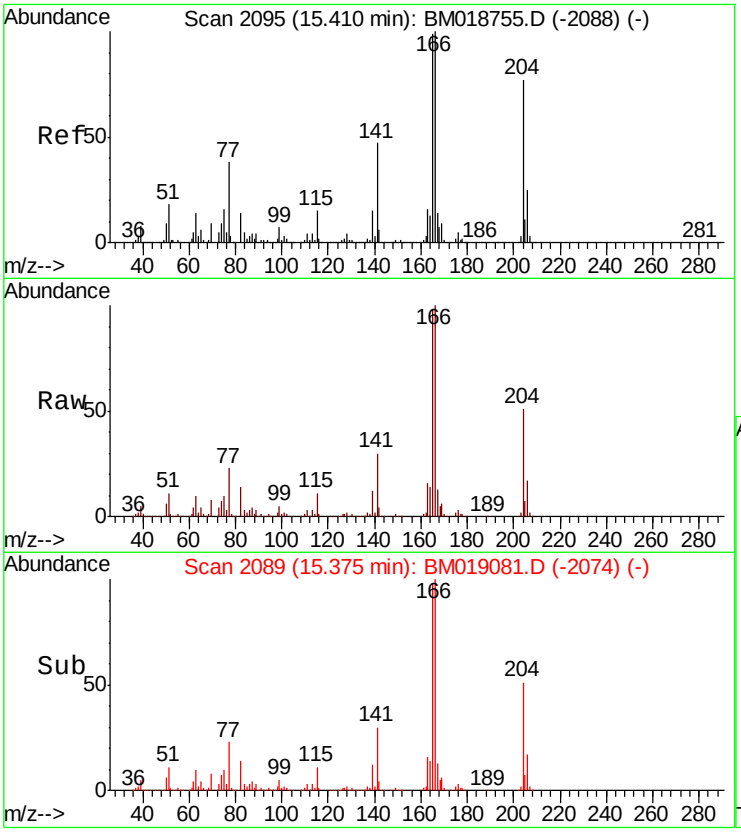




#60
Diethylphthalate
Concen: 35.738 ng
RT: 15.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:149 Resp: 1056528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.8 | 17.2 | 25.8 |
| 150 | 12.2 | 10.2 | 15.2 |



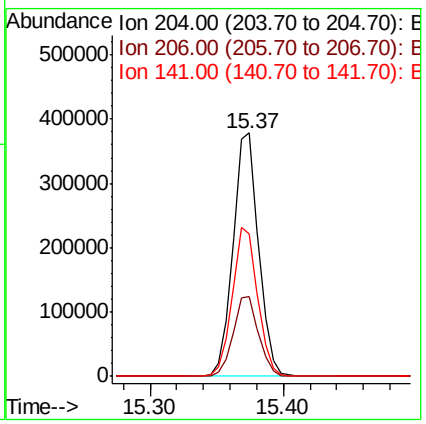


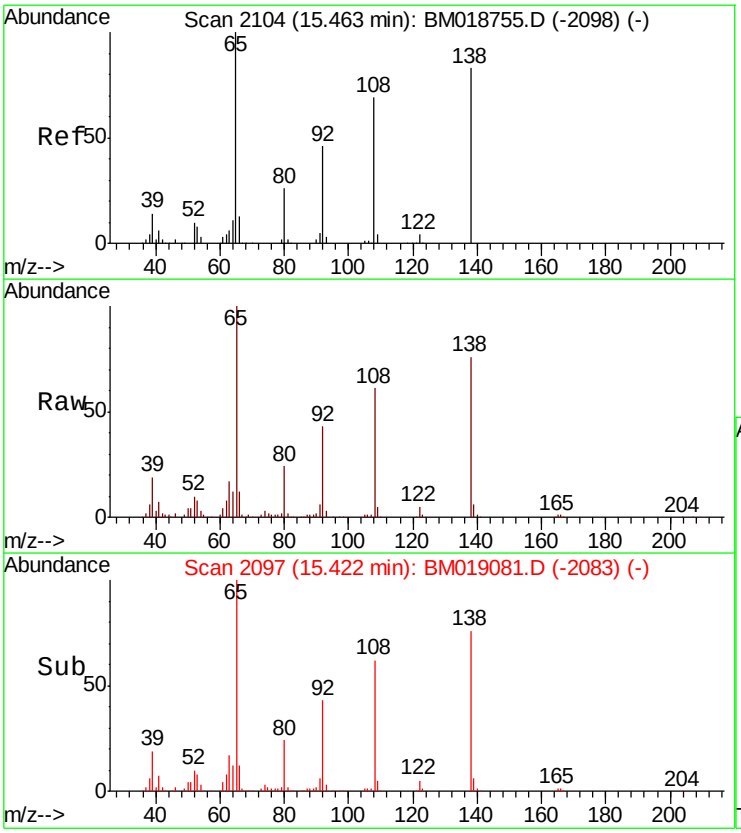

#61
4-Chlorophenyl-phenylether
Concen: 34.223 ng
RT: 15.37 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:204 Resp: 503663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.0 | 26.2 | 39.2 |
| 141 | 58.3 | 49.2 | 73.8 |

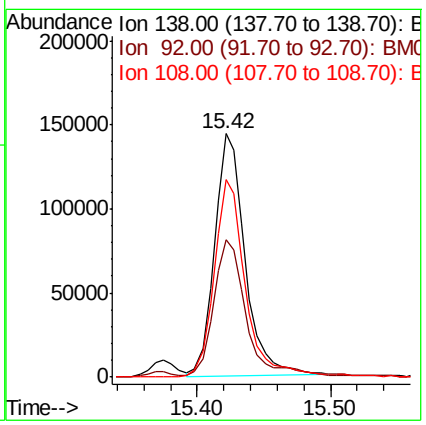


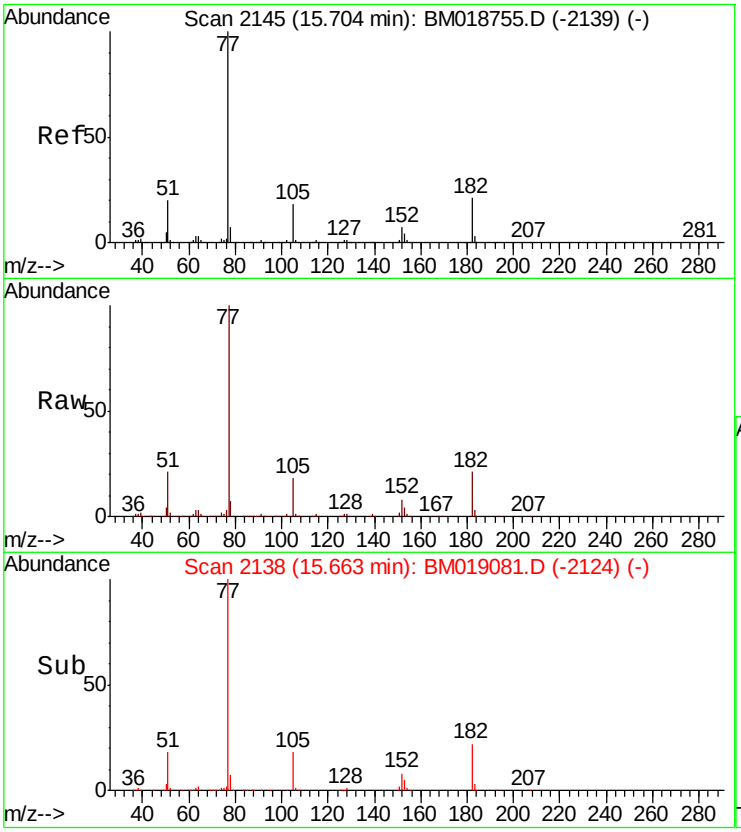




#62
4-Nitroaniline
Concen: 33.471 ng
RT: 15.42 min Scan# 2097
Delta R.T. -0.02 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:138 Resp: 230174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 56.6 | 35.5 | 75.5 |
| 108 | 81.0 | 62.4 | 102.4 |



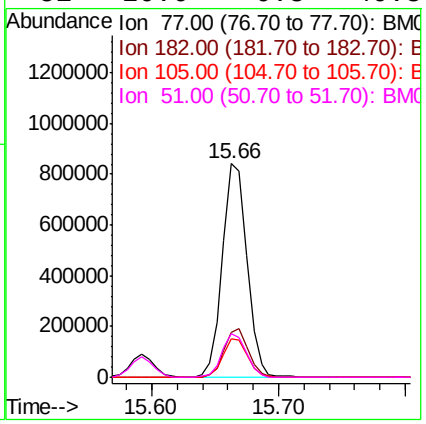


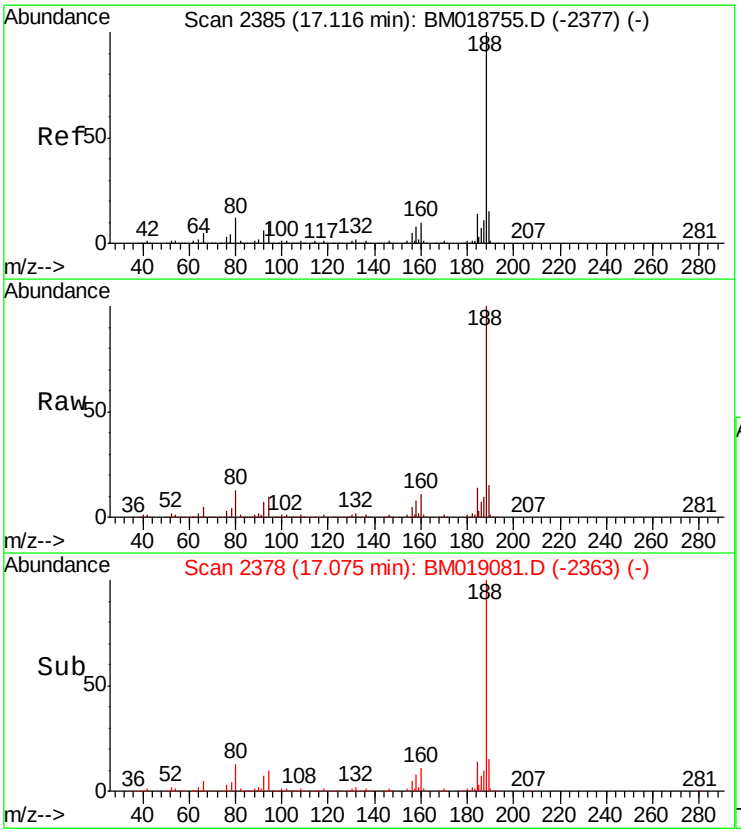

#63
Azobenzene
Concen: 35.645 ng
RT: 15.66 min Scan# 2138
Delta R.T. -0.02 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion: 77 Resp: 1129884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 21.1 | 1.0 | 41.0 |
| 105 | 17.7 | 0.0 | 37.7 |
| 51 | 20.6 | 0.3 | 40.3 |

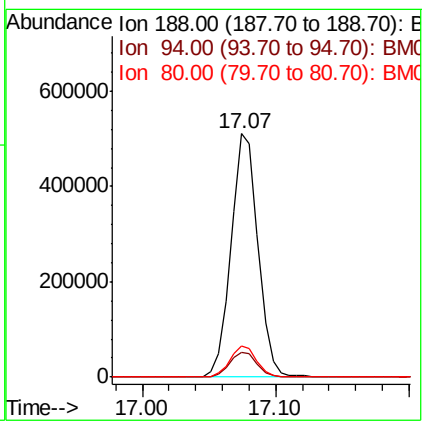


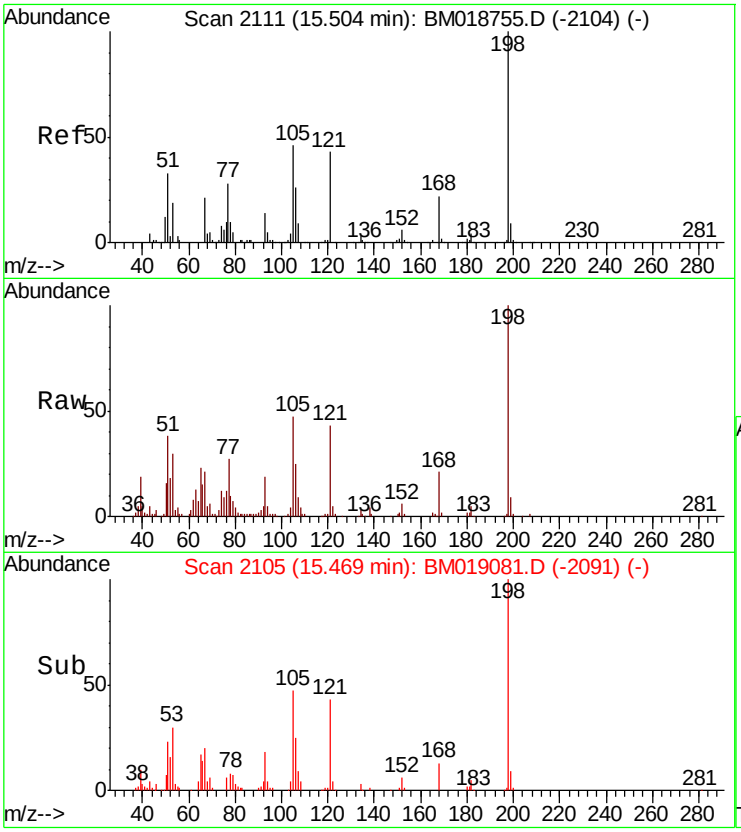




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:188 Resp: 718820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.2 | 8.2 | 12.2 |
| 80 | 13.0 | 9.7 | 14.5 |



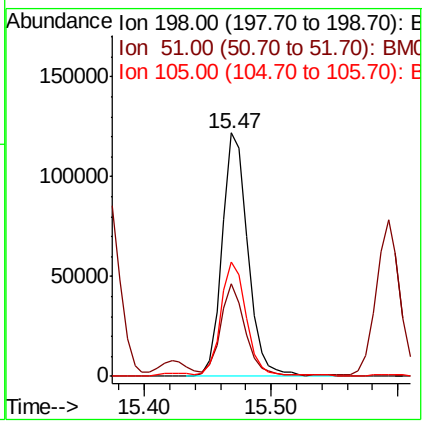


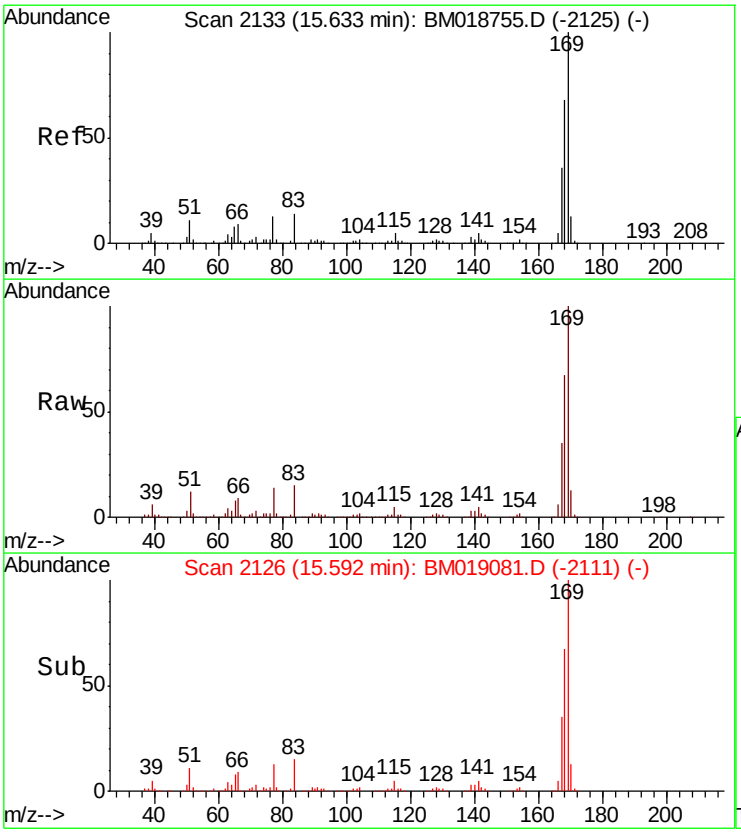

#65
4,6-Dinitro-2-methylphenol
Concen: 34.078 ng
RT: 15.47 min Scan# 2105
Delta R.T. -0.02 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:198 Resp: 171988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 38.1 | 18.4 | 58.4 |
| 105 | 46.7 | 27.2 | 67.2 |

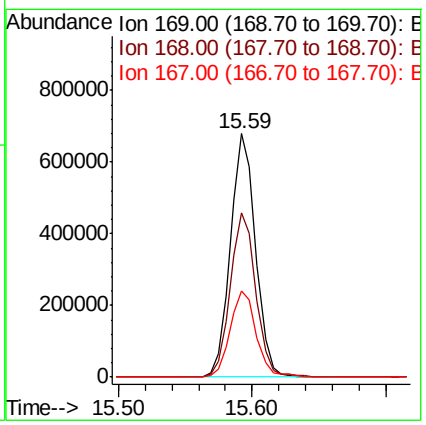


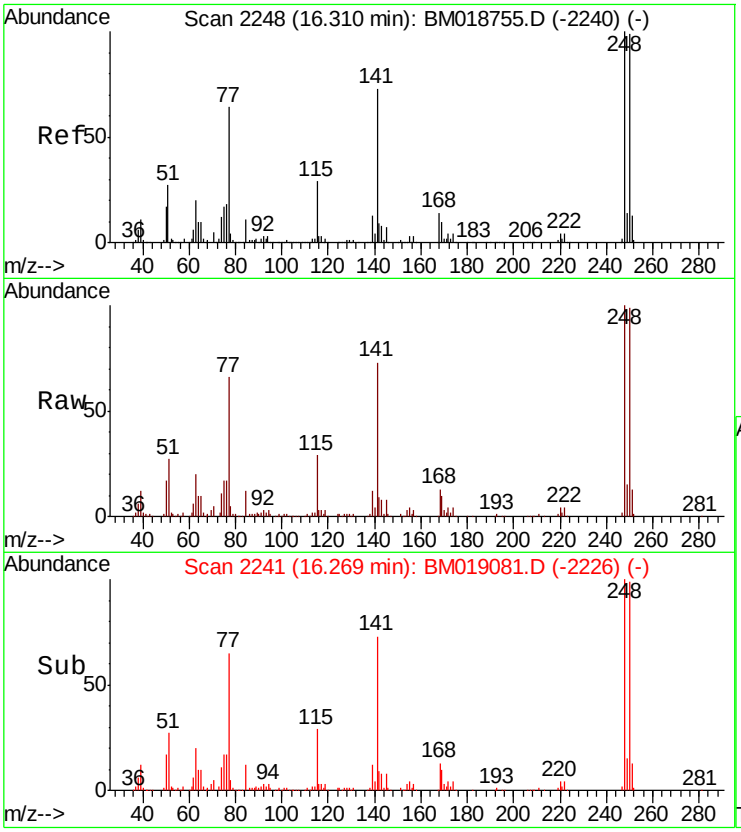




#66
n-Nitrosodiphenylamine
Concen: 39.325 ng
RT: 15.59 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:169 Resp: 893092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.3 | 54.4 | 81.6 |
| 167 | 35.5 | 29.0 | 43.6 |



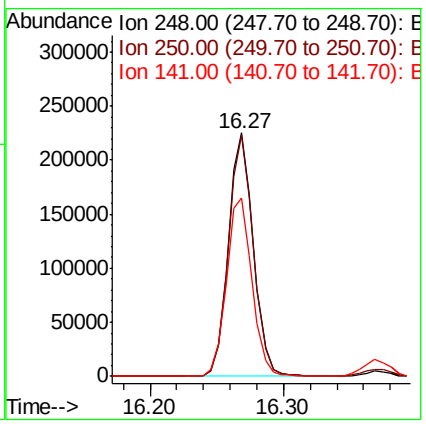


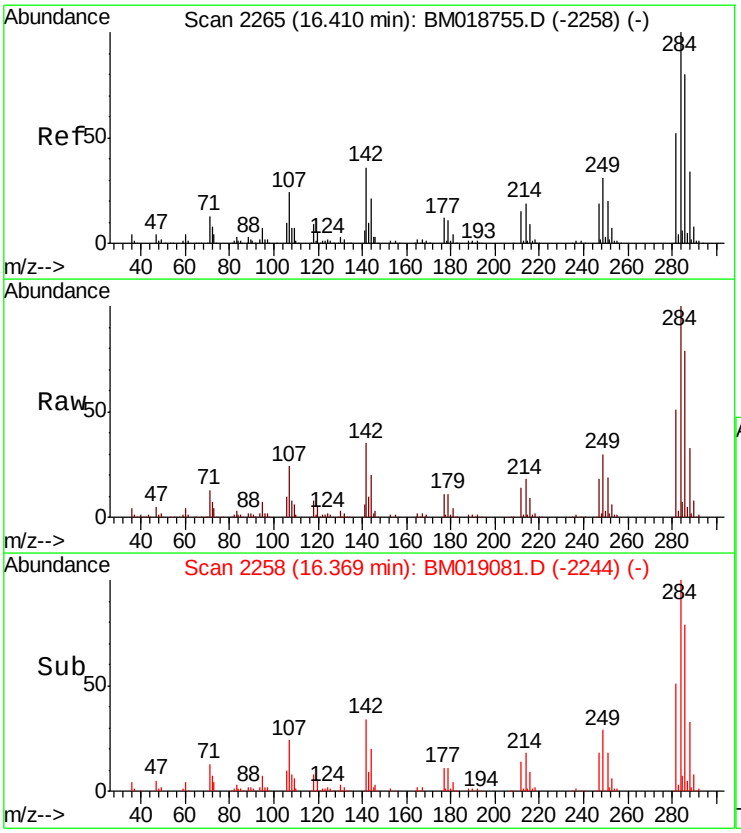

#67
4-Bromophenyl-phenylether
Concen: 36.558 ng
RT: 16.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:248 Resp: 294144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 99.2 | 79.0 | 118.6 |
| 141 | 73.4 | 58.6 | 88.0 |

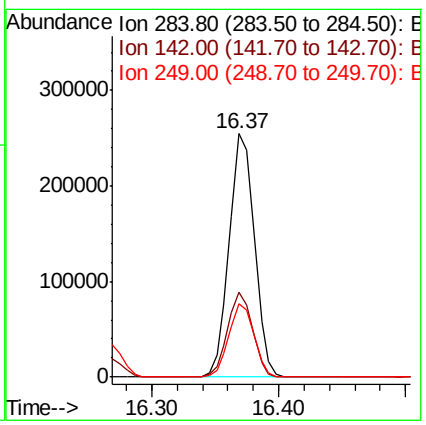


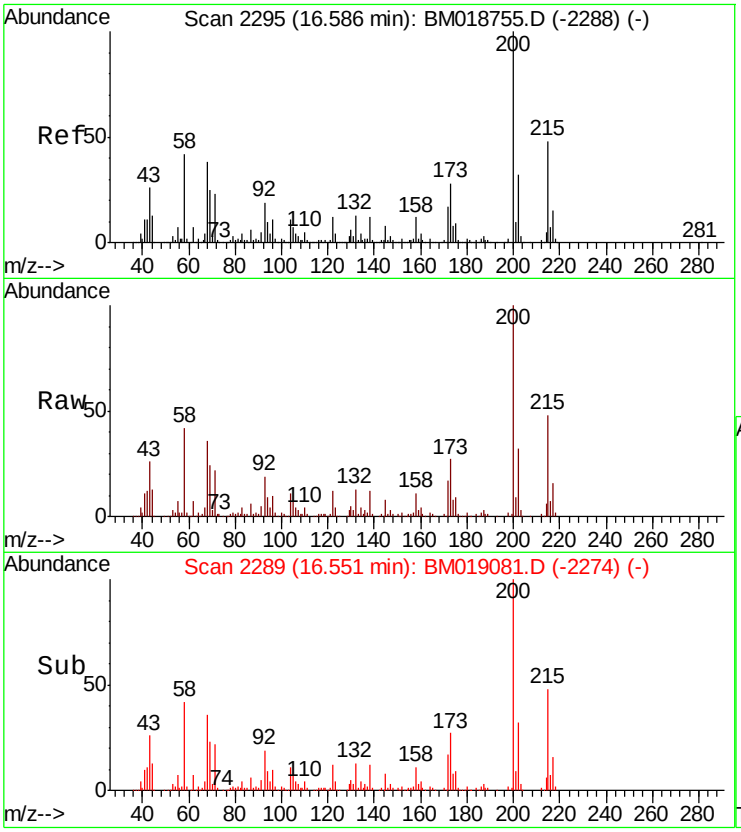




#68
Hexachlorobenzene
Concen: 37.513 ng
RT: 16.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:284 Resp: 350826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 34.6 | 28.9 | 43.3 |
| 249 | 30.0 | 24.8 | 37.2 |



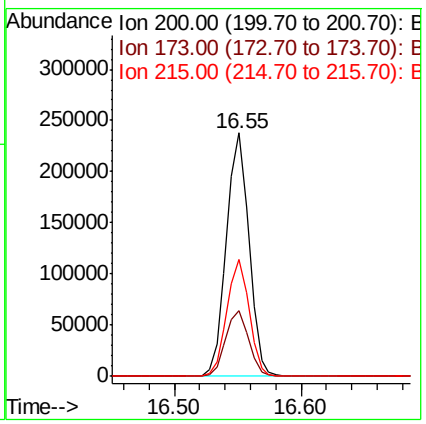


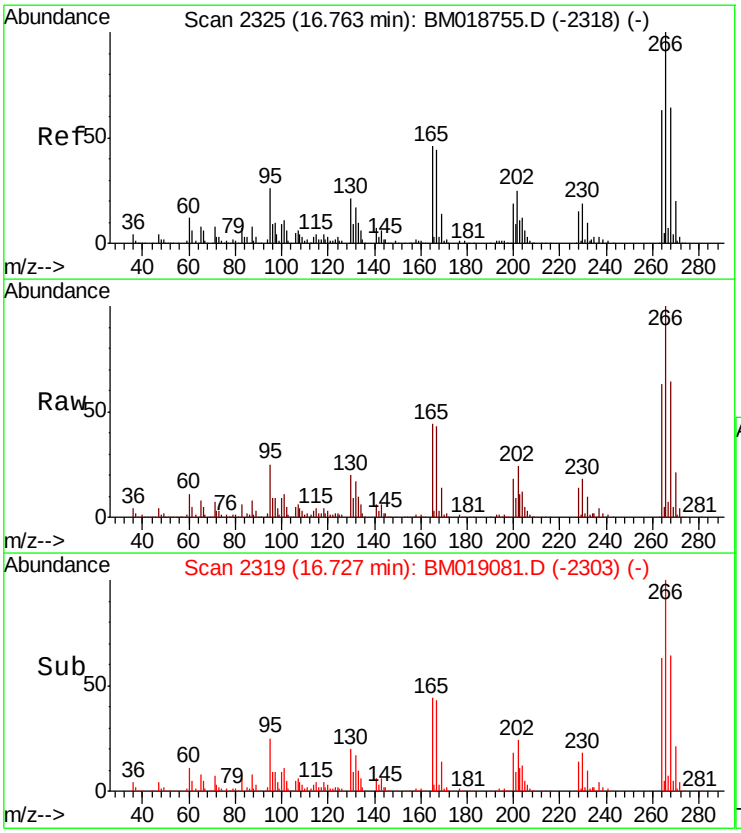

#69
Atrazine
Concen: 40.138 ng
RT: 16.55 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:200 Resp: 293873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.2 | 7.6 | 47.6 |
| 215 | 47.9 | 27.6 | 67.6 |

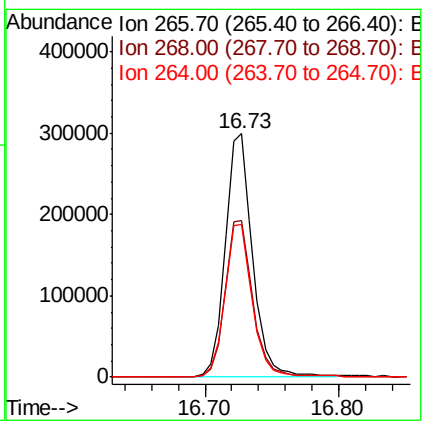


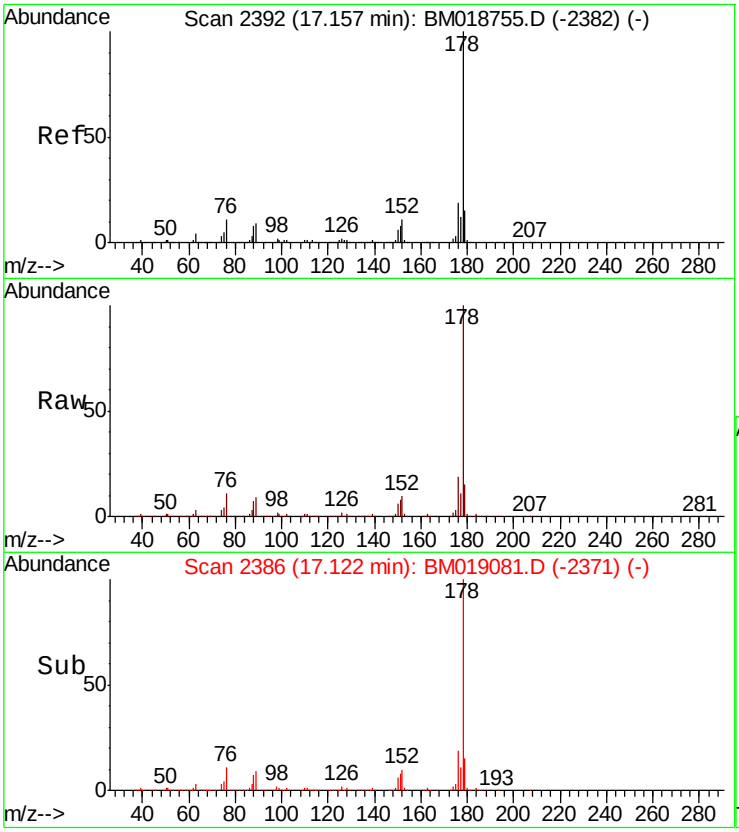




#70
Pentachlorophenol
Concen: 71.305 ng
RT: 16.73 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:266 Resp: 429378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.4 | 51.3 | 76.9 |
| 264 | 62.6 | 50.6 | 75.8 |



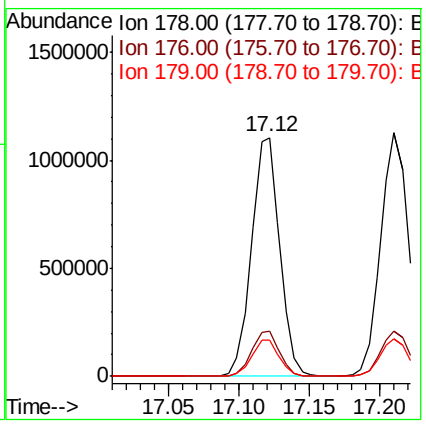


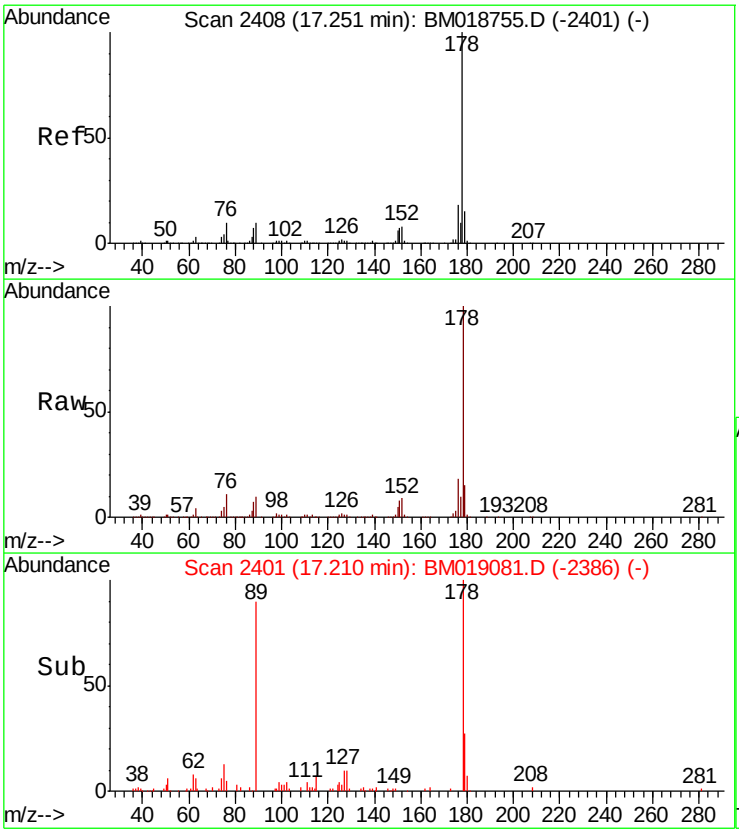

#71
Phenanthrene
Concen: 40.247 ng
RT: 17.12 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:178 Resp: 1554748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 15.4 | 23.0 |
| 179 | 14.9 | 12.3 | 18.5 |

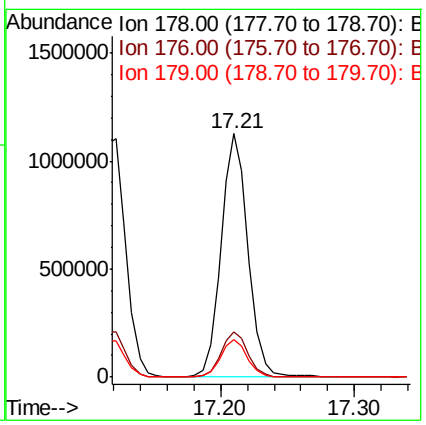


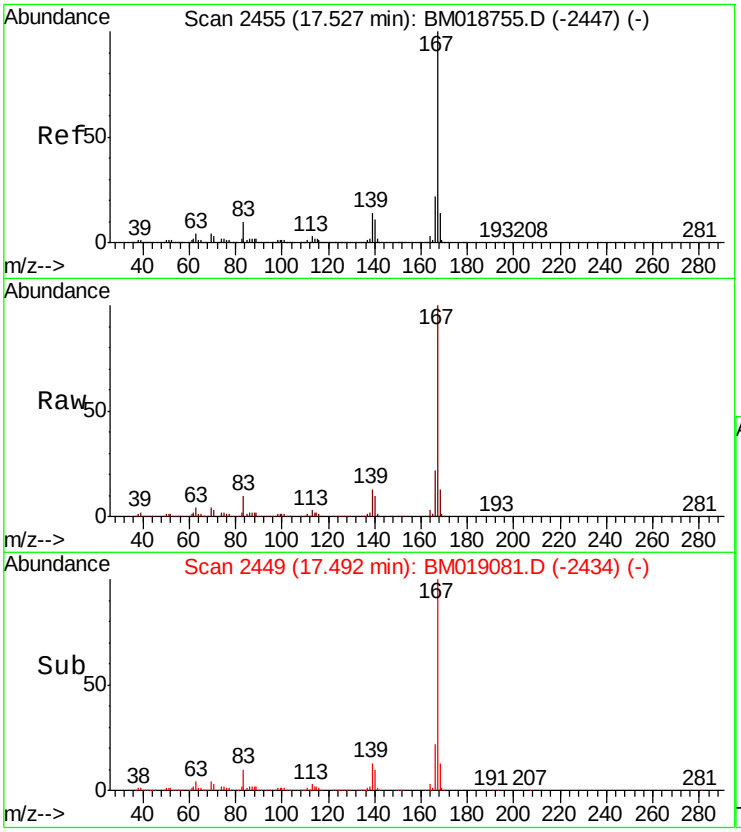




#72
Anthracene
Concen: 41.714 ng
RT: 17.21 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:178 Resp: 1568453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.5 | 14.8 | 22.2 |
| 179 | 15.2 | 12.1 | 18.1 |



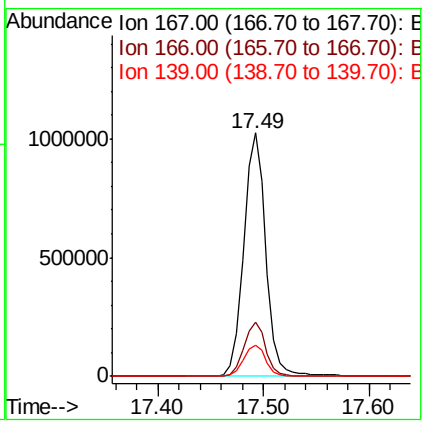


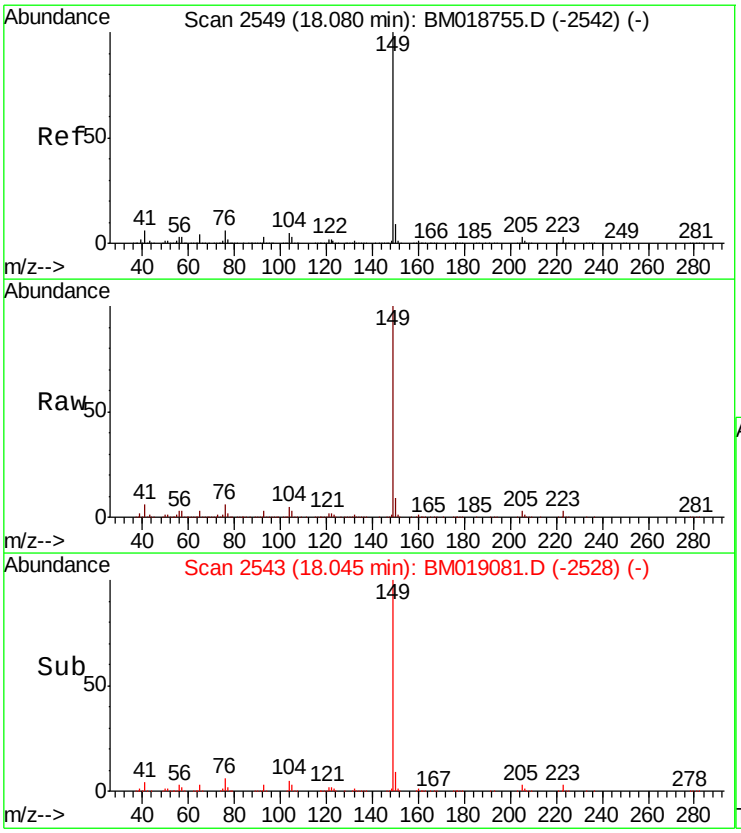

#73
Carbazole
Concen: 37.619 ng
RT: 17.49 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:167 Resp: 1477788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.0 | 17.7 | 26.5 |
| 139 | 12.9 | 10.9 | 16.3 |

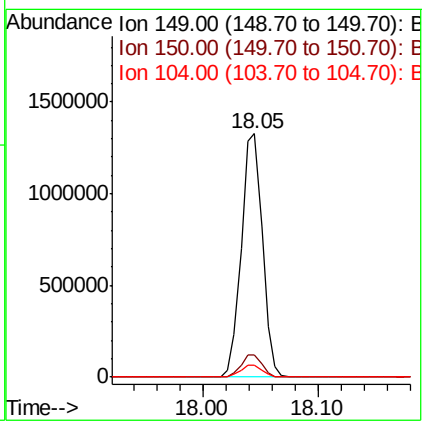


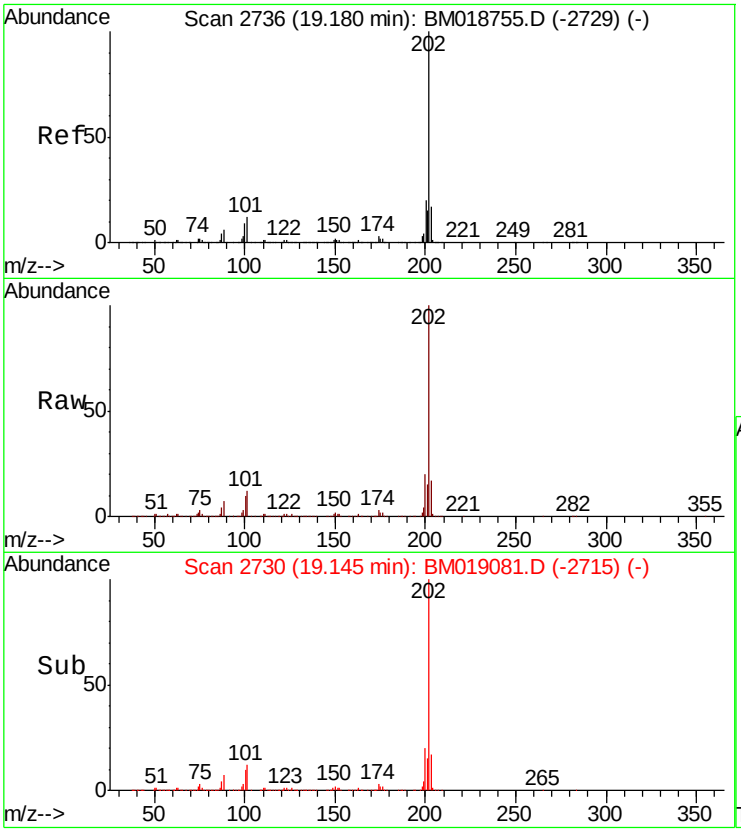




#74
Di-n-butylphthalate
Concen: 37.282 ng
RT: 18.05 min Scan# 2543
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:149 Resp: 1684341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.3 | 7.4 | 11.0 |
| 104 | 5.1 | 4.3 | 6.5 |



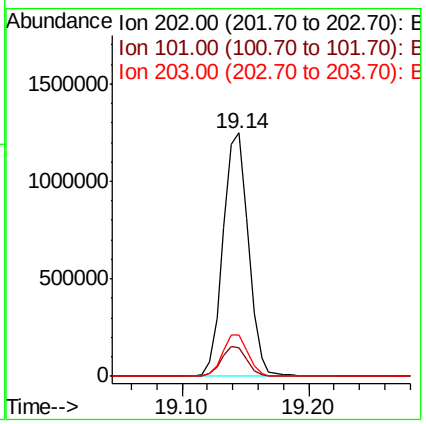


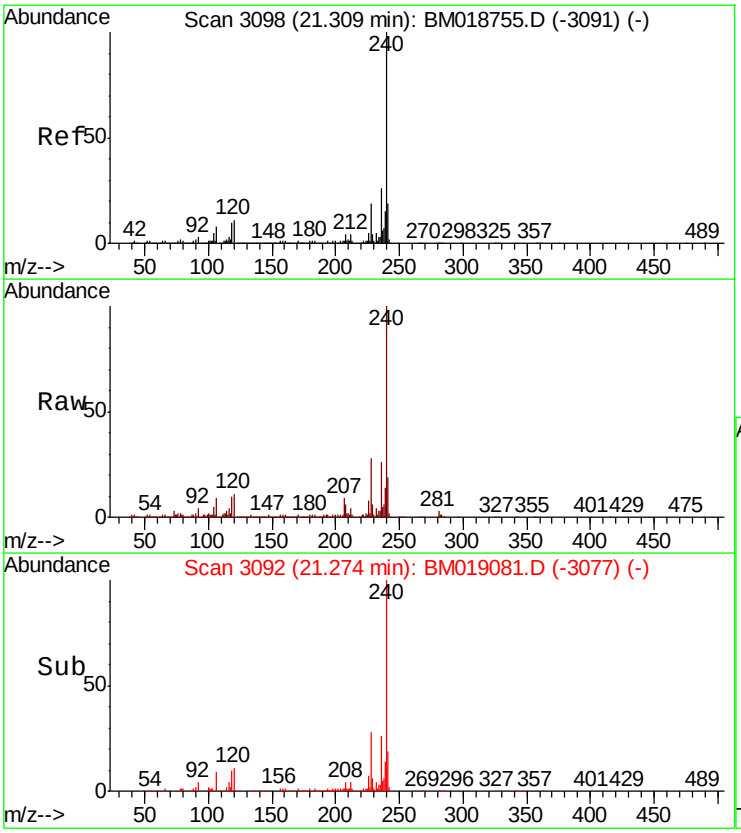

#75
Fluoranthene
Concen: 38.703 ng
RT: 19.14 min Scan# 2730
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:202 Resp: 1727030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.9 | 0.0 | 31.5 |
| 203 | 17.1 | 0.0 | 37.3 |

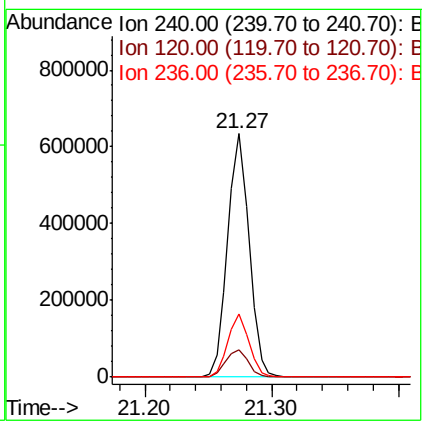


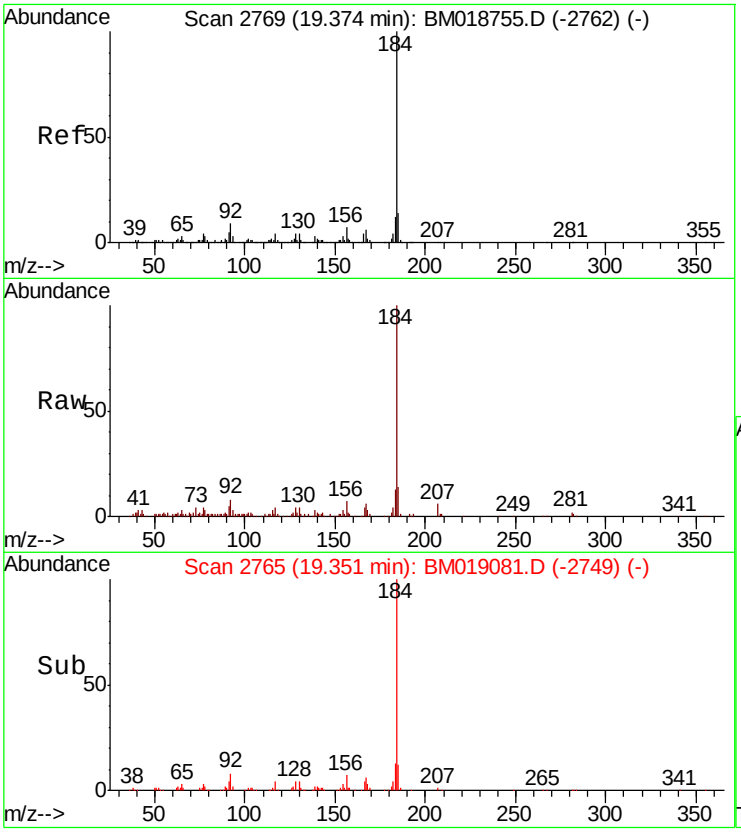




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:240 Resp: 744479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.2 | 8.9 | 13.3 |
| 236 | 25.8 | 20.9 | 31.3 |



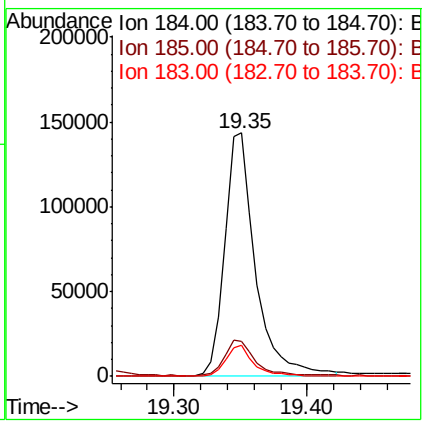


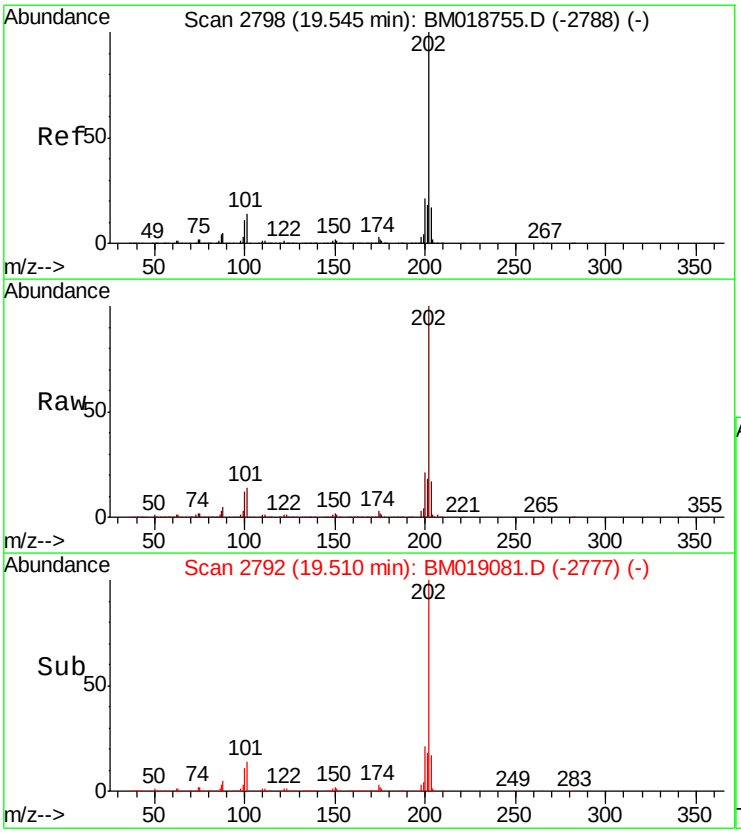

#77
Benzidine
Concen: 13.865 ng
RT: 19.35 min Scan# 2765
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:184 Resp: 232476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.2 | 11.2 | 16.8 |
| 183 | 12.6 | 9.7 | 14.5 |

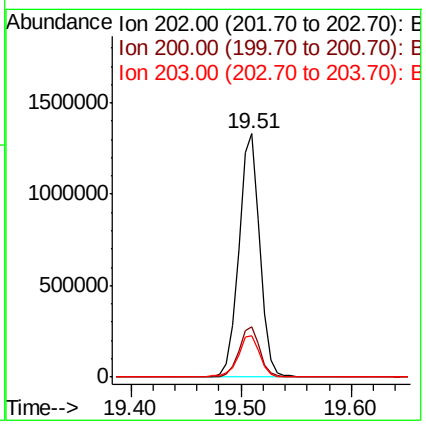


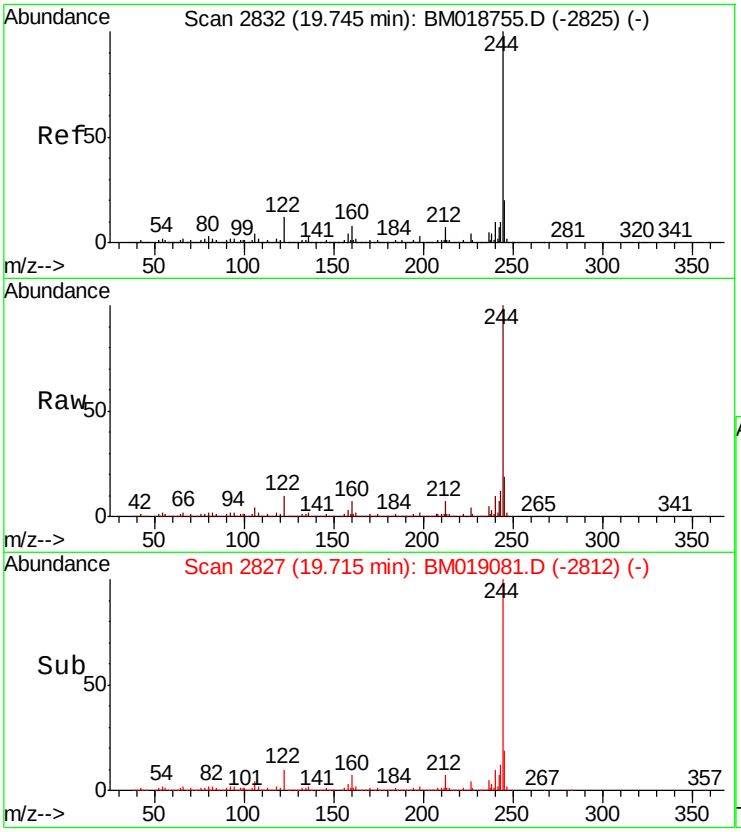




#78
Pyrene
Concen: 40.865 ng
RT: 19.51 min Scan# 2792
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:202 Resp: 1766926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.6 | 16.9 | 25.3 |
| 203 | 17.0 | 13.8 | 20.8 |



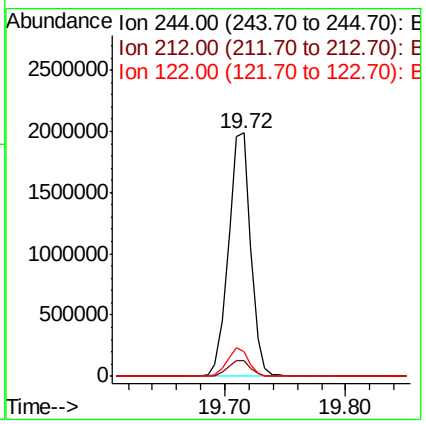


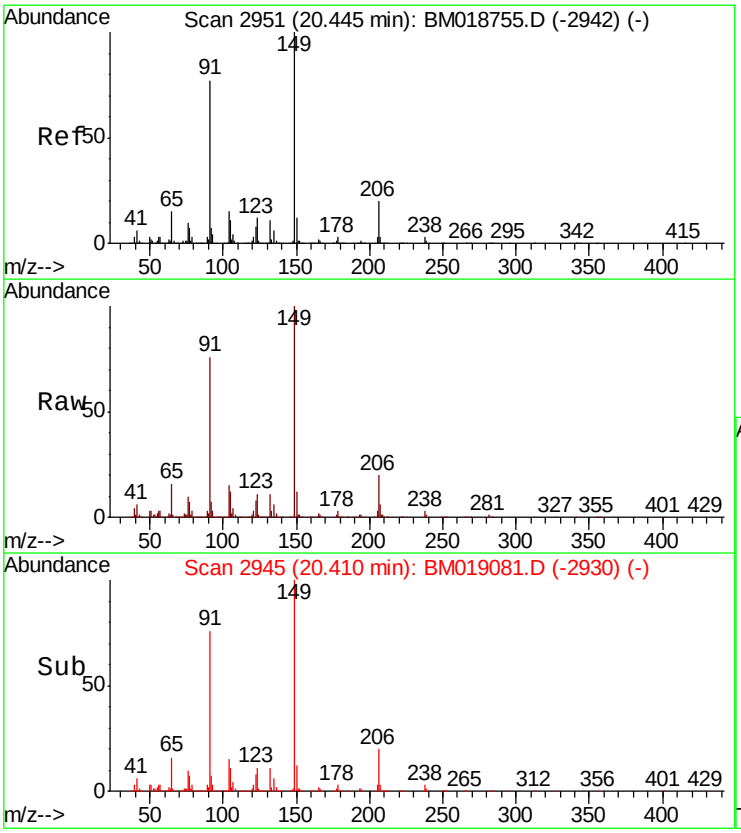

#79
Terphenyl-d14
Concen: 70.266 ng
RT: 19.72 min Scan# 2827
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:244 Resp: 2535816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.6 | 5.6 | 8.4 |
| 122 | 10.1 | 9.3 | 13.9 |

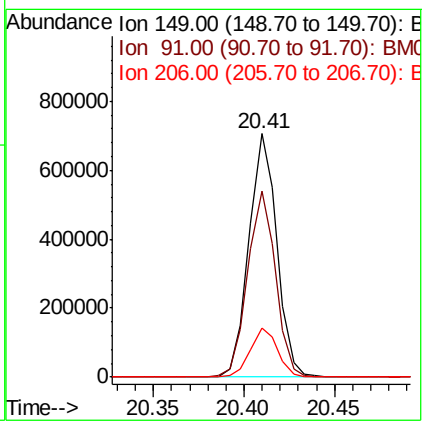


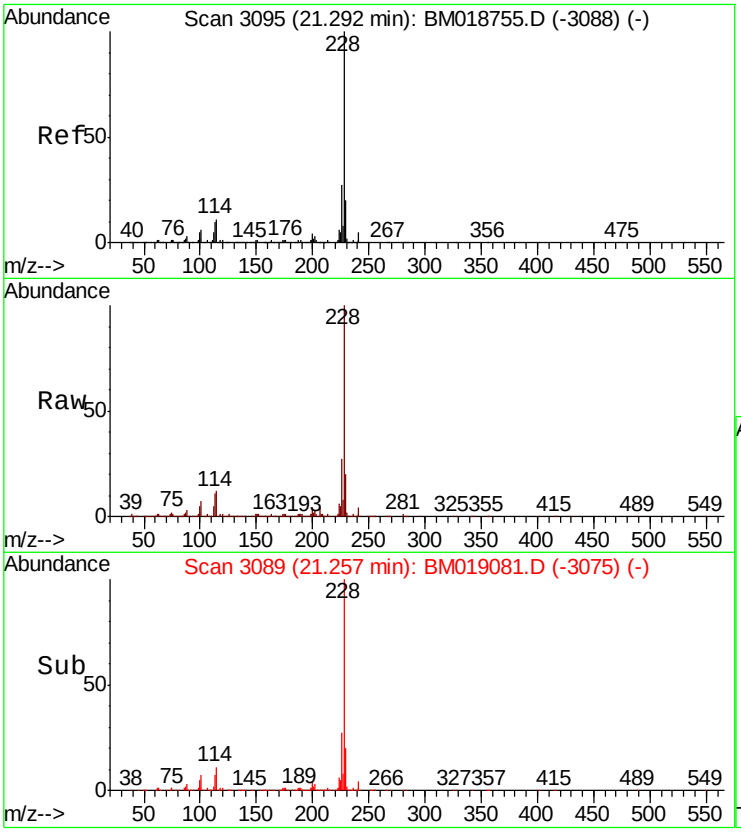




#80
Butylbenzylphthalate
Concen: 38.250 ng
RT: 20.41 min Scan# 2945
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:149 Resp: 753739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 76.4 | 61.4 | 92.0 |
| 206 | 19.9 | 15.8 | 23.8 |



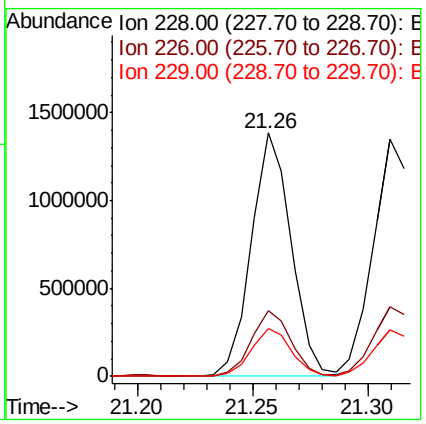


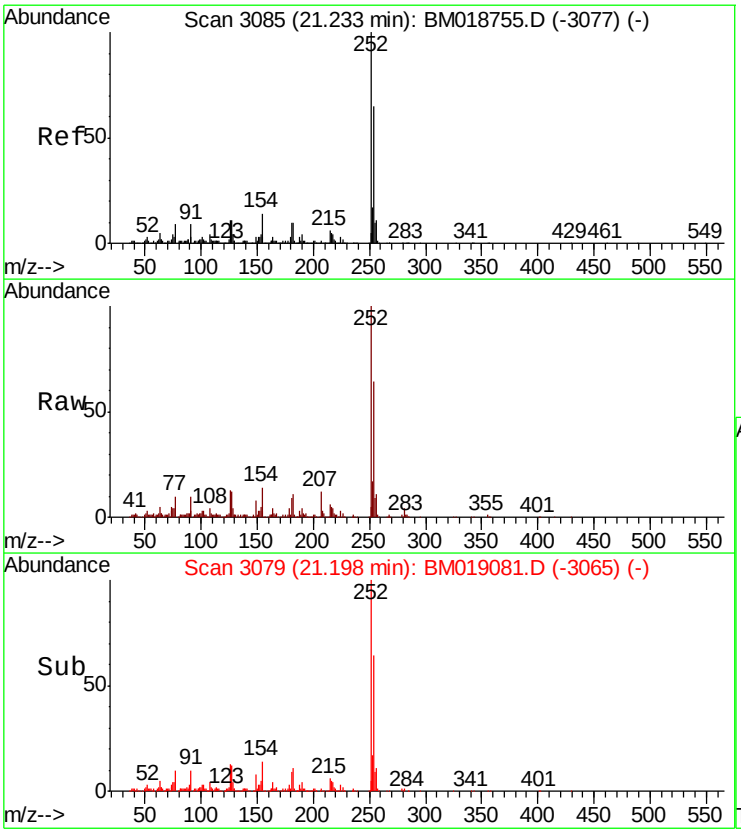

#81
Benzo(a)anthracene
Concen: 38.453 ng
RT: 21.26 min Scan# 3089
Delta R.T. -0.02 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:228 Resp: 1668745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.9 | 21.9 | 32.9 |
| 229 | 19.7 | 15.9 | 23.9 |

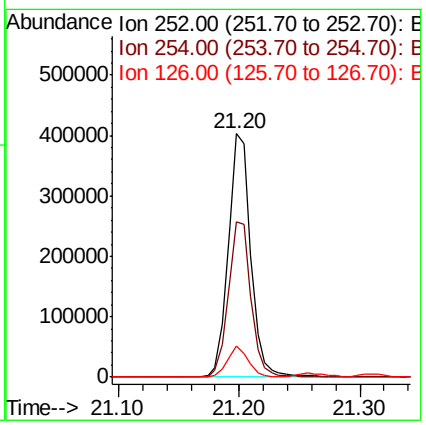


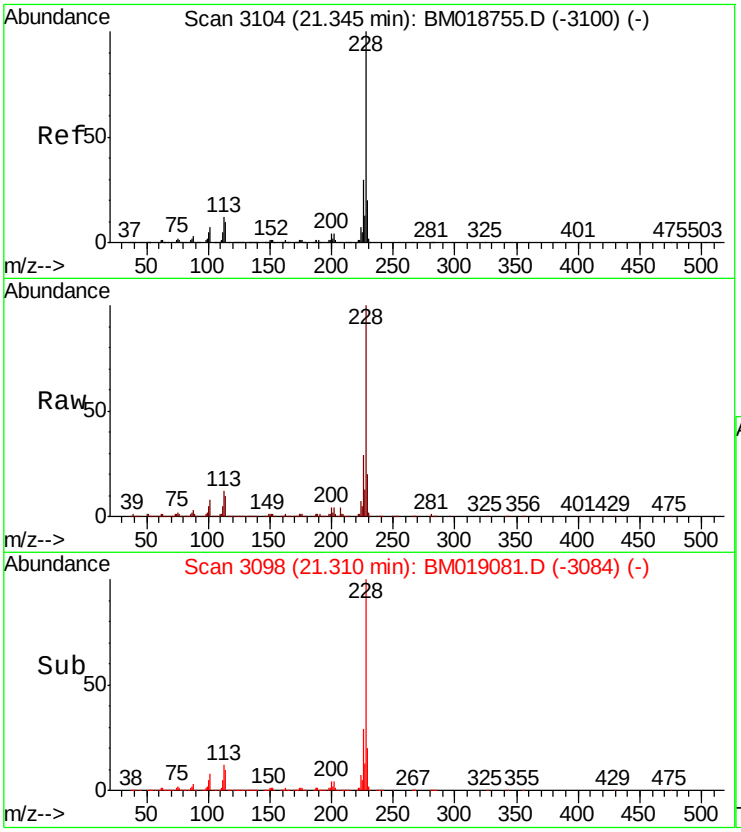




#82
3,3'-Dichlorobenzidine
Concen: 30.470 ng
RT: 21.20 min Scan# 3079
Delta R.T. -0.02 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:252 Resp: 522602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.9 | 51.8 | 77.8 |
| 126 | 12.7 | 9.1 | 13.7 |



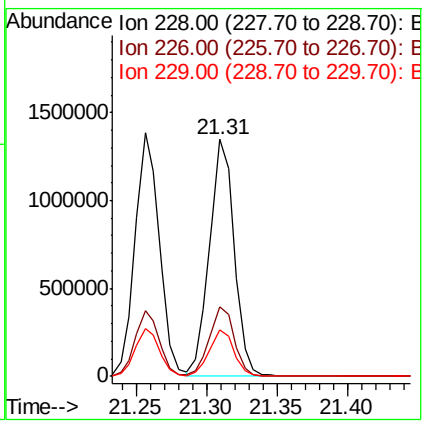


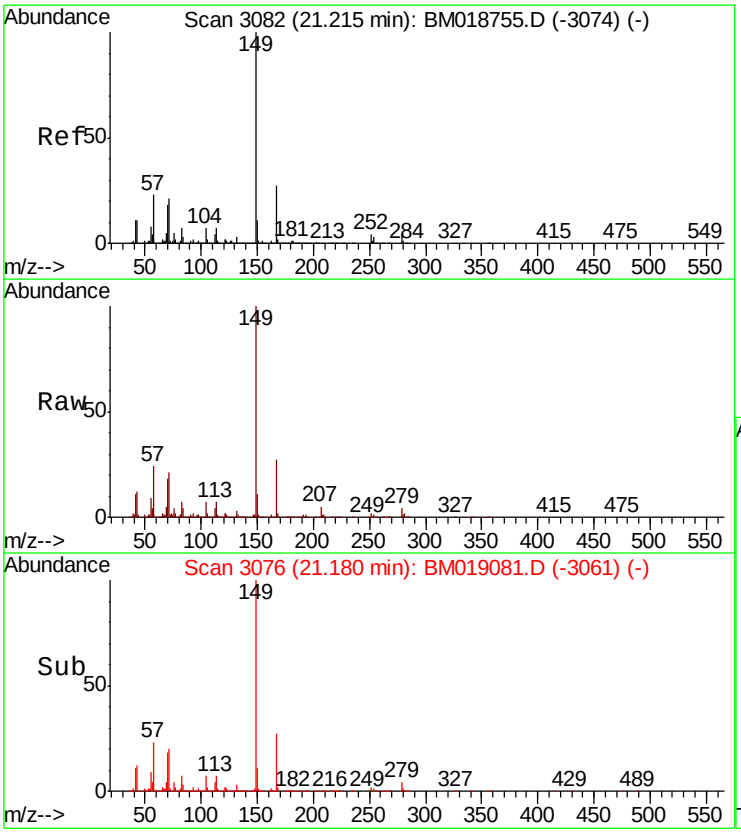

#83
Chrysene
Concen: 39.594 ng
RT: 21.31 min Scan# 3098
Delta R.T. -0.02 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:228 Resp: 1646945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.4 | 24.1 | 36.1 |
| 229 | 19.6 | 16.0 | 24.0 |

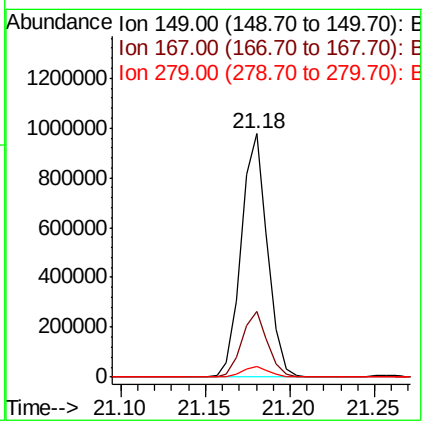


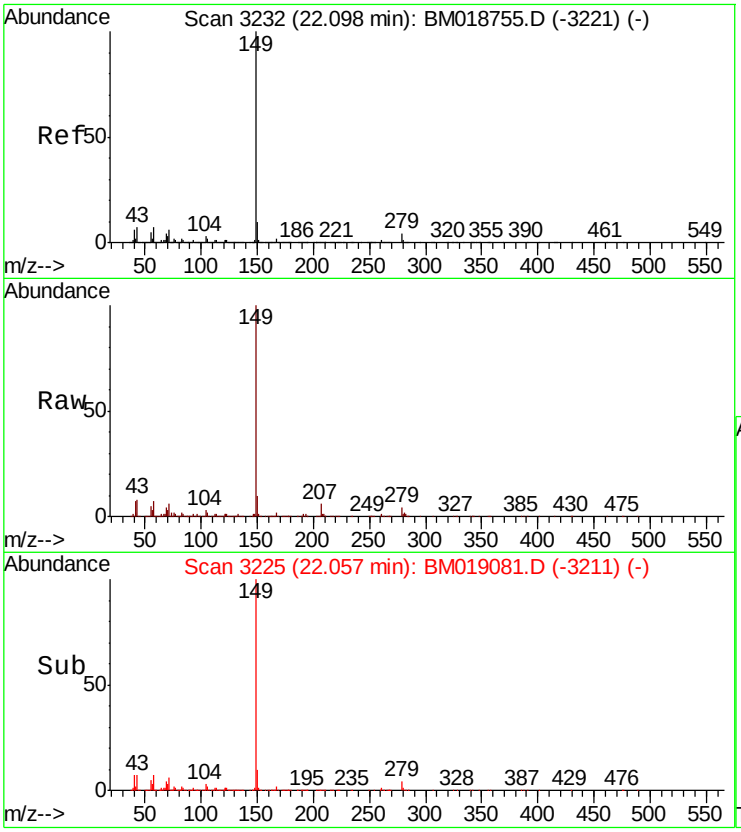




#84
Bis(2-ethylhexyl)phthalate
Concen: 36.307 ng
RT: 21.18 min Scan# 3076
Delta R.T. -0.01 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:149 Resp: 1047140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.8 | 21.8 | 32.6 |
| 279 | 4.5 | 3.6 | 5.4 |



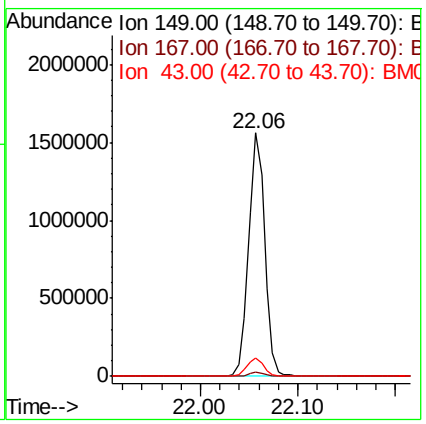


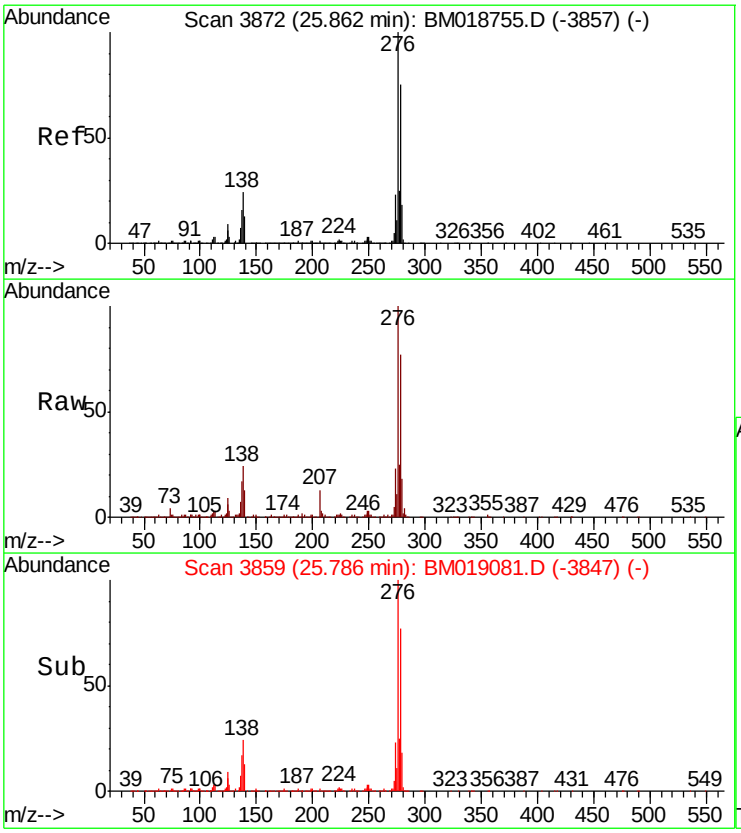

#85
Di-n-octyl phthalate
Concen: 37.375 ng
RT: 22.06 min Scan# 3225
Delta R.T. -0.02 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:149 Resp: 1811687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.3 | 1.9 |
| 43 | 7.5 | 6.0 | 9.0 |

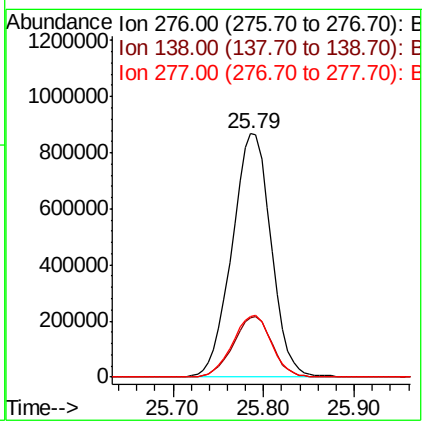


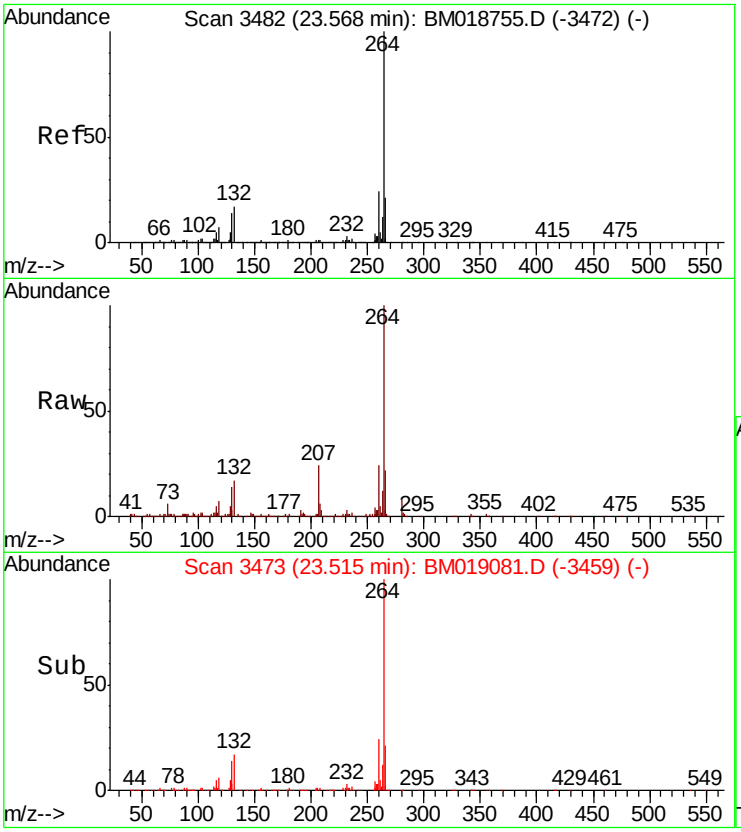




#86
Indeno(1,2,3-cd)pyrene
Concen: 53.776 ng
RT: 25.79 min Scan# 3859
Delta R.T. -0.03 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:276 Resp: 2582552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 24.6 | 20.2 | 30.4 |
| 277 | 25.3 | 20.3 | 30.5 |



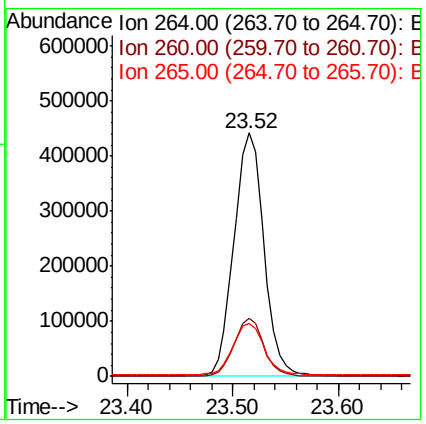


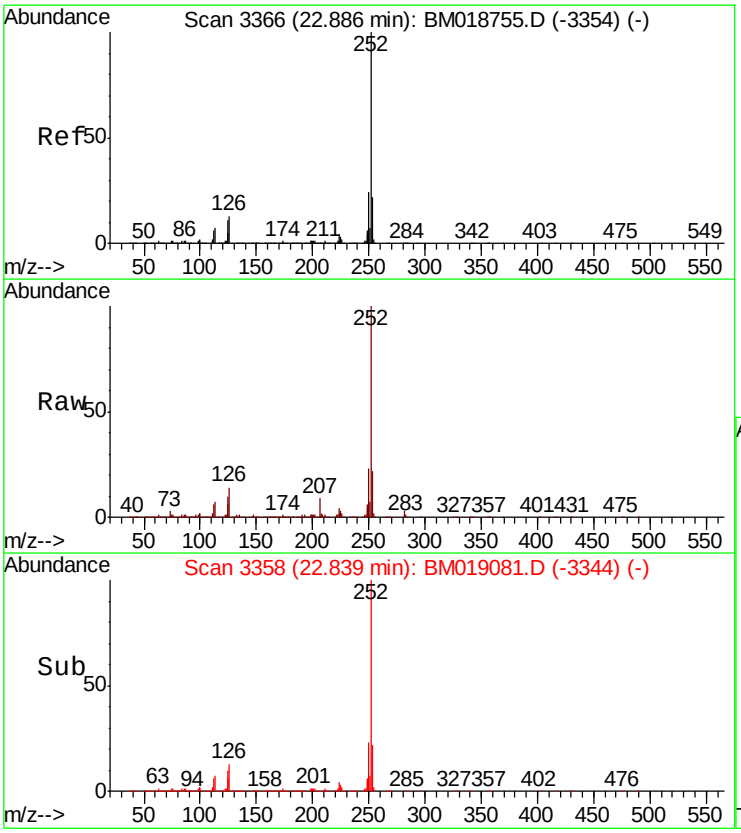

#87
Perylene-d12
Concen: 20.000 ng
RT: 23.52 min Scan# 3473
Delta R.T. -0.02 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:264 Resp: 869772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 18.9 | 28.3 |
| 265 | 21.9 | 17.3 | 25.9 |

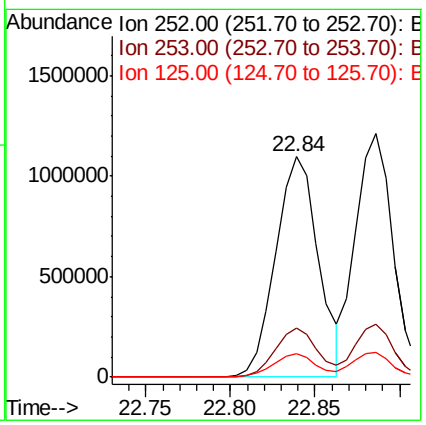


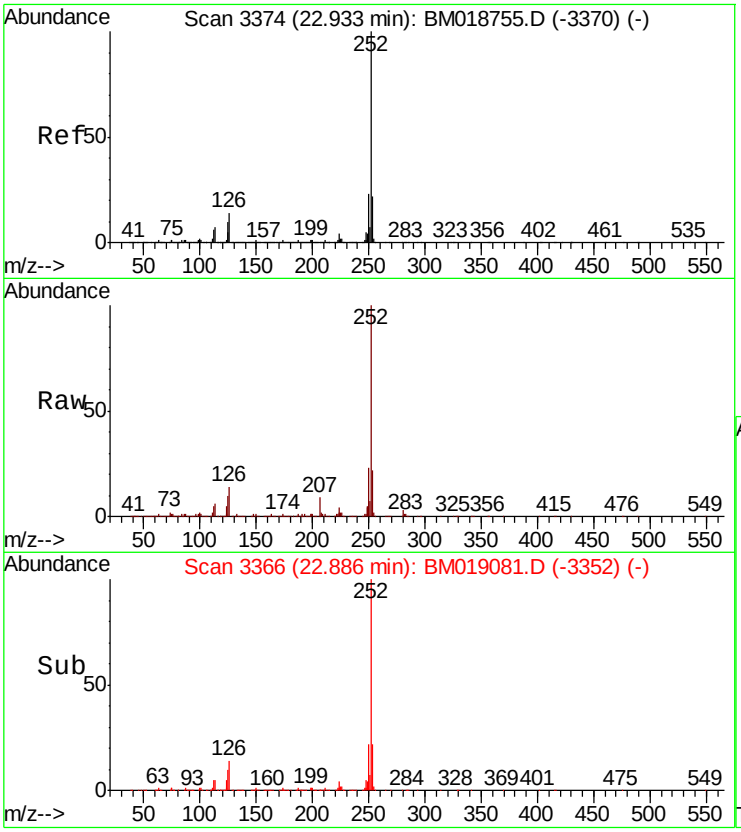




#88
Benzo(b)fluoranthene
Concen: 38.649 ng
RT: 22.84 min Scan# 3358
Delta R.T. -0.02 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:252 Resp: 1923302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.8 | 26.6 |
| 125 | 10.5 | 8.6 | 12.8 |



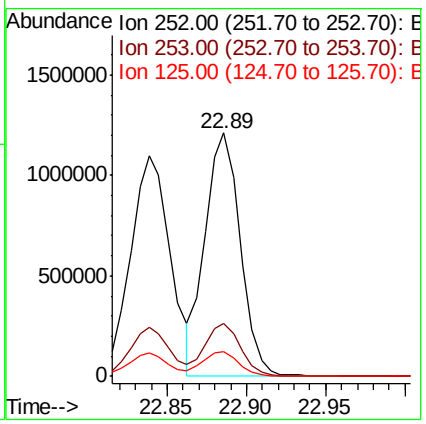


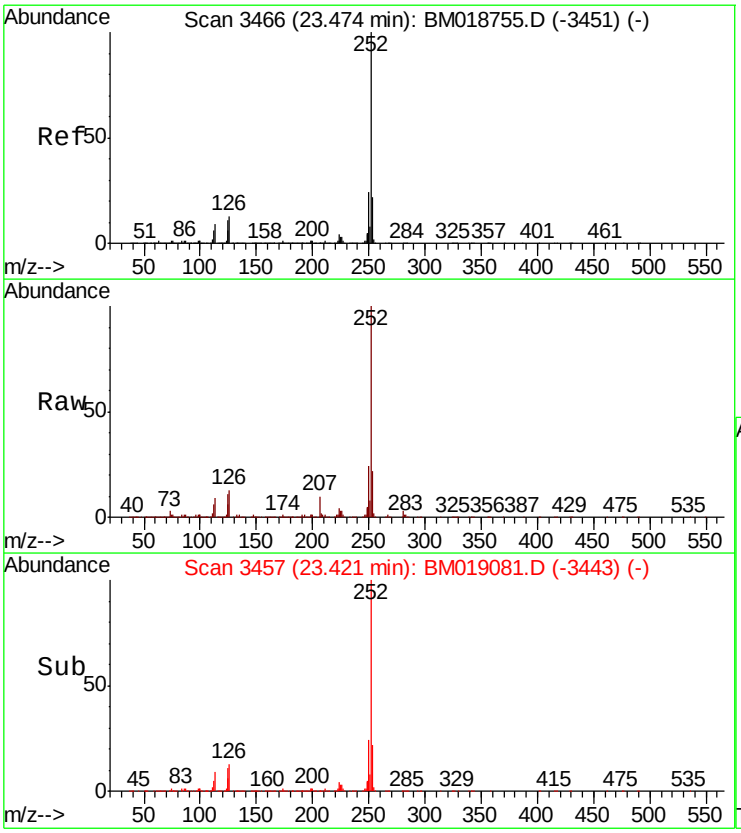

#89
Benzo(k)fluoranthene
Concen: 37.725 ng
RT: 22.89 min Scan# 3366
Delta R.T. -0.02 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:252 Resp: 1868986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 17.7 | 26.5 |
| 125 | 10.4 | 8.2 | 12.4 |

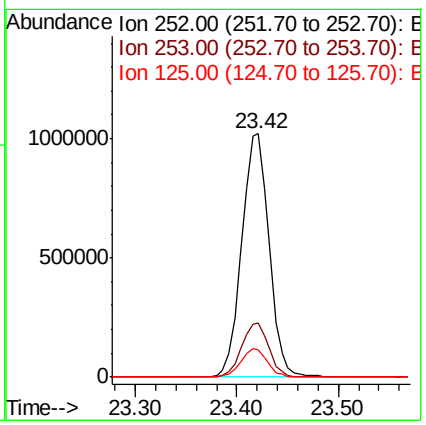


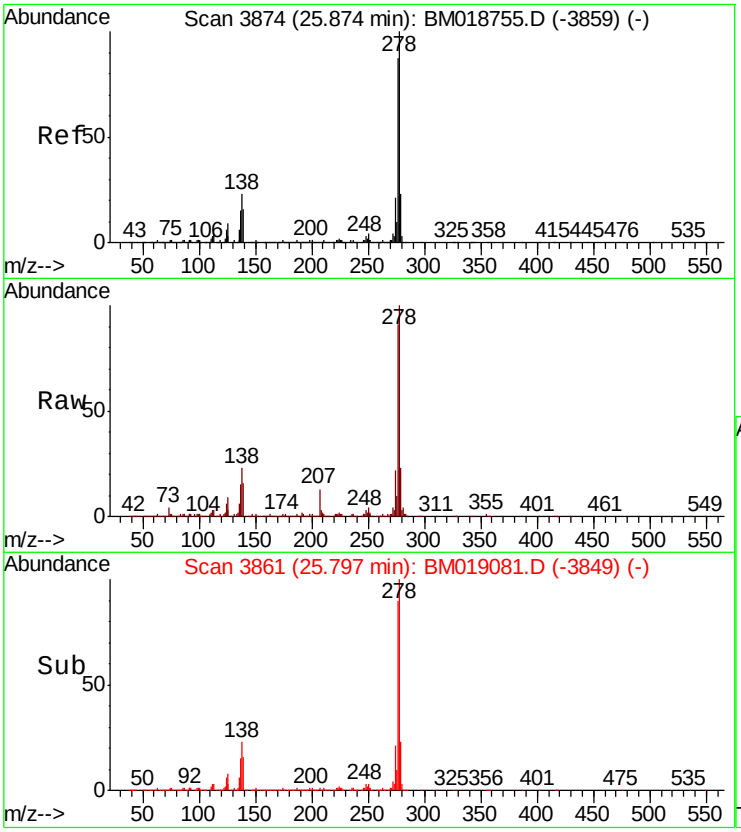




#90
Benzo(a)pyrene
Concen: 40.436 ng
RT: 23.42 min Scan# 3457
Delta R.T. -0.02 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:252 Resp: 1906217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.4 | 26.0 |
| 125 | 11.0 | 8.6 | 13.0 |



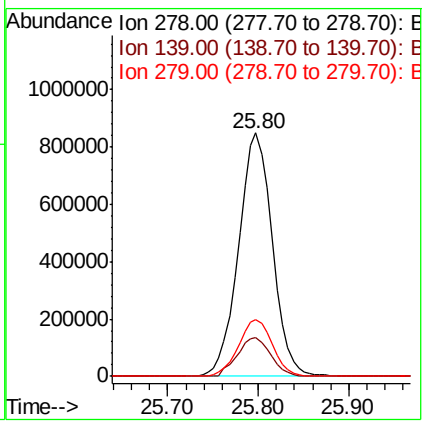


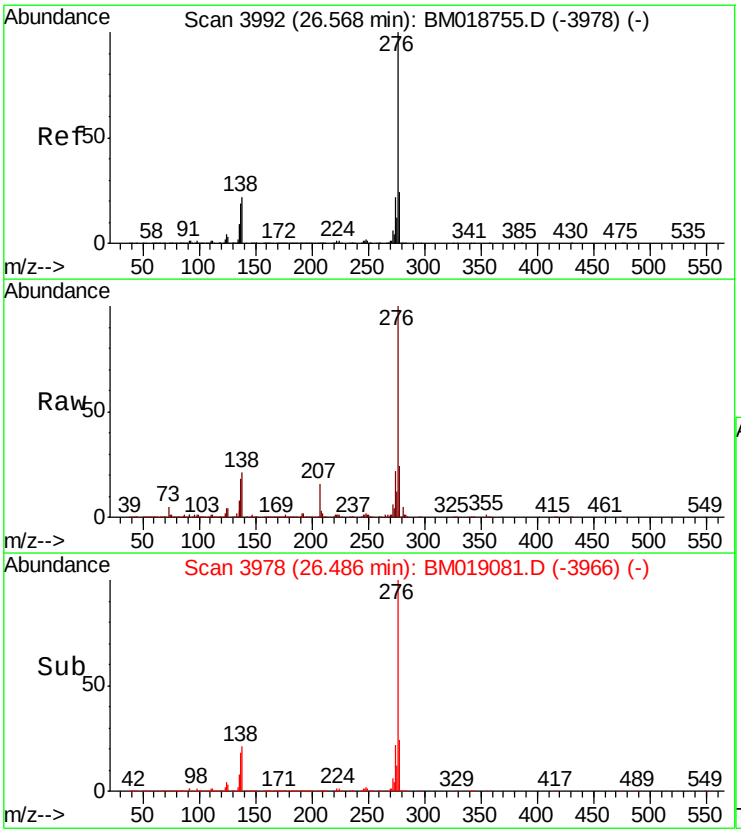

#91
Dibenzo(a,h)anthracene
Concen: 47.125 ng
RT: 25.80 min Scan# 3861
Delta R.T. -0.03 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

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

Tgt Ion:278 Resp: 2200960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.0 | 12.6 | 18.8 |
| 279 | 23.5 | 18.6 | 28.0 |




#92
Benzo(g,h,i)perylene
Concen: 49.481 ng
RT: 26.49 min Scan# 3978
Delta R.T. -0.03 min
Lab File: BM019081.D
Acq: 08 Mar 2019 19:41

Tgt Ion:276 Resp: 2151506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.9 | 19.2 | 28.8 |
| 138 | 21.0 | 17.3 | 25.9 |