Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121117\
Data File : BM013332.D
Acq On : 12 Dec 2017 07:52
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD02029

Quant Time: Dec 12 11:17:47 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 12 10:58:17 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.69 | 152 | 178076 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.47 | 136 | 791940 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.33 | 164 | 502058 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.08 | 188 | 1248067 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.27 | 240 | 1324751 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.50 | 264 | 1084506 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.23 | 96 | 24350 | 6.77 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.87 | 99 | 299809 | 19.46 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.03 | 67 | 168450 | 19.17 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.22 | 132 | 241280 | 20.04 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.40 | 113 | 257044 | 19.53 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.84 | 128 | 129204 | 20.57 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.56 | 143 | 138653 | 20.63 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.09 | 165 | 272425 | 19.67 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.61 | 131 | 314222 | 24.68 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.74 | 166 | 871878 | 19.52 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.02 | 160 | 1085867 | 19.70 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.54 | 143 | 153016 | 19.71 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.33 | 176 | 746170 | 19.42 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.46 | 200 | 137392 | 17.50 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.18 | 188 | 1232415 | 19.72 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.47 | 212 | 1399592 | 21.21 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.36 | 264 | 1102027 | 19.95 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.27 | 88 | 26925 | 6.670 | ng/uL# | 68 |
| 4) Benzaldehyde | 6.84 | 77 | 157038 | 20.599 | ng/ul | 93 |
| 6) Phenol | 6.89 | 94 | 299471 | 19.662 | ng/ul# | 81 |
| 8) Bis(2-Chloroethyl)ether | 7.12 | 93 | 217917 | 18.713 | ng/ul | 96 |
| 10) 2-Chlorophenol | 7.26 | 128 | 235675 | 19.963 | ng/ul | 93 |
| 11) 2-Methylphenol | 8.13 | 108 | 226239 | 19.206 | ng/ul | 99 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.22 | 45 | 241550 | 19.754 | ng/ul# | 83 |
| 14) Acetophenone | 8.51 | 105 | 382488 | 19.108 | ng/ul | 90 |
| 15) N-Nitroso-di-n-propylamine | 8.49 | 70 | 197248 | 19.563 | ng/ul# | 65 |
| 16) 4-Methylphenol | 8.46 | 108 | 244645 | 19.421 | ng/ul | 94 |
| 17) Hexachloroethane | 8.75 | 117 | 100947 | 19.640 | ng/ul# | 77 |
| 20) Nitrobenzene | 8.88 | 77 | 294964 | 18.644 | ng/ul | 96 |
| 21) Isophorone | 9.40 | 82 | 545529 | 19.596 | ng/ul# | 94 |
| 23) 2-Nitrophenol | 9.59 | 139 | 144063 | 20.674 | ng/ul# | 83 |
| 24) 2,4-Dimethylphenol | 9.65 | 107 | 296583 | 19.514 | ng/ul# | 86 |
| 25) Bis(2-Chloroethoxy)methane | 9.89 | 93 | 319393 | 19.604 | ng/ul | 96 |
| 27) 2,4-Dichlorophenol | 10.12 | 162 | 251863 | 19.686 | ng/ul# | 88 |
| 28) Naphthalene | 10.52 | 128 | 792449 | 19.449 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.63 | 127 | 311483 | 25.273 | ng/ul | 95 |
| 31) Hexachlorobutadiene | 10.80 | 225 | 178669 | 19.279 | ng/ul | 96 |
| 32) Caprolactam | 11.40 | 113 | 68485 | 16.748 | ng/ul# | 34 |
| 33) 4-Chloro-3-methylphenol | 11.76 | 107 | 279545 | 19.918 | ng/ul | 92 |
| 34) 2-Methylnaphthalene | 12.13 | 142 | 588558 | 19.216 | ng/ul | 99 |

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121117\
Data File : BM013332.D
Acq On : 12 Dec 2017 07:52
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD02029

Quant Time: Dec 12 11:17:47 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 12 10:58:17 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.50 | 216 | 347821 | 19.200 | ng/ul# | 98 |
| 37) Hexachlorocyclopentadiene | 12.48 | 237 | 139251 | 11.678 | ng/ul | 94 |
| 38) 2,4,6-Trichlorophenol | 12.76 | 196 | 222078 | 19.663 | ng/ul | 96 |
| 39) 2,4,5-Trichlorophenol | 12.83 | 196 | 240412 | 20.039 | ng/ul | 97 |
| 40) 1,1'-Biphenyl | 13.16 | 154 | 817243 | 19.260 | ng/ul | 96 |
| 41) 2-Chloronaphthalene | 13.20 | 162 | 638947 | 19.194 | ng/ul | 98 |
| 42) 2-Nitroaniline | 13.41 | 65 | 197109 | 20.210 | ng/ul | 96 |
| 44) Dimethylphthalate | 13.79 | 163 | 817352 | 19.128 | ng/ul | 99 |
| 45) 2,6-Dinitrotoluene | 13.92 | 165 | 173681 | 19.929 | ng/ul | 98 |
| 47) Acenaphthylene | 14.05 | 152 | 1010016 | 19.796 | ng/ul | 99 |
| 48) 3-Nitroaniline | 14.24 | 138 | 173834 | 22.315 | ng/ul# | 86 |
| 49) Acenaphthene | 14.39 | 153 | 677625 | 19.497 | ng/ul | 100 |
| 50) 2,4-Dinitrophenol | 14.45 | 184 | 79694 | 16.525 | ng/ul# | 90 |
| 52) 4-Nitrophenol | 14.56 | 109 | 149498 | 19.632 | ng/ul# | 83 |
| 53) Dibenzofuran | 14.73 | 168 | 987520 | 19.247 | ng/ul | 99 |
| 54) 2,4-Dinitrotoluene | 14.70 | 165 | 255439 | 20.149 | ng/ul | 91 |
| 55) 2,3,4,6-Tetrachlorophenol | 14.96 | 232 | 229189 | 20.836 | ng/ul | 94 |
| 56) Diethylphthalate | 15.16 | 149 | 837593 | 19.544 | ng/ul | 95 |
| 58) Fluorene | 15.38 | 166 | 817196 | 19.252 | ng/ul | 99 |
| 59) 4-Chlorophenyl-phenylether | 15.38 | 204 | 434822 | 18.874 | ng/ul | 98 |
| 60) 4-Nitroaniline | 15.41 | 138 | 190714 | 20.751 | ng/ul | 93 |
| 63) 4,6-Dinitro-2-methylphenol | 15.47 | 198 | 138275 | 17.624 | ng/ul | 94 |
| 64) N-Nitrosodiphenylamine | 15.60 | 169 | 712494 | 19.380 | ng/ul | 98 |
| 65) 4-Bromophenyl-phenylether | 16.27 | 248 | 279124 | 19.025 | ng/ul | 96 |
| 66) Hexachlorobenzene | 16.39 | 284 | 300564 | 18.577 | ng/ul# | 92 |
| 67) Atrazine | 16.55 | 200 | 280458 | 20.667 | ng/ul | 94 |
| 68) Pentachlorophenol | 16.73 | 266 | 179221 | 19.152 | ng/ul | 95 |
| 69) Phenanthrene | 17.12 | 178 | 1377557 | 19.428 | ng/ul | 99 |
| 71) Anthracene | 17.21 | 178 | 1395108 | 19.249 | ng/ul | 99 |
| 72) Carbazole | 17.49 | 167 | 1221968 | 19.602 | ng/ul | 99 |
| 73) Di-n-butylphthalate | 18.06 | 149 | 1485106 | 20.407 | ng/ul | 98 |
| 74) Fluoranthene | 19.14 | 202 | 1694123 | 19.497 | ng/ul# | 92 |
| 77) Pyrene | 19.50 | 202 | 1687259 | 20.964 | ng/ul# | 90 |
| 78) Butylbenzylphthalate | 20.42 | 149 | 707732 | 22.506 | ng/ul | 95 |
| 79) 3,3'-Dichlorobenzidine | 21.19 | 252 | 499544 | 17.938 | ng/ul | 98 |
| 80) Benzo(a)anthracene | 21.26 | 228 | 1644780 | 19.569 | ng/ul | 99 |
| 81) Bis(2-ethylhexyl)phthalate | 21.19 | 149 | 1003882 | 21.180 | ng/ul# | 96 |
| 82) Chrysene | 21.30 | 228 | 1527167 | 19.584 | ng/ul | 98 |
| 84) Di-n-octyl phthalate | 22.07 | 149 | 1626421 | 21.090 | ng/ul | 100 |
| 85) Benzo(b)fluoranthene | 22.83 | 252 | 1450336 | 19.838 | ng/ul# | 96 |
| 86) Benzo(k)fluoranthene | 22.87 | 252 | 1366464 | 19.862 | ng/ul# | 98 |
| 88) Benzo(a)pyrene | 23.40 | 252 | 1292443 | 19.680 | ng/ul# | 98 |
| 89) Indeno(1,2,3-cd)pyrene | 25.74 | 276 | 1314787 | 20.177 | ng/ul# | 95 |
| 90) Dibenzo(a,h)anthracene | 25.74 | 278 | 1105190 | 19.919 | ng/ul# | 95 |
| 91) Benzo(g,h,i)perylene | 26.41 | 276 | 1051511 | 20.458 | ng/ul# | 96 |

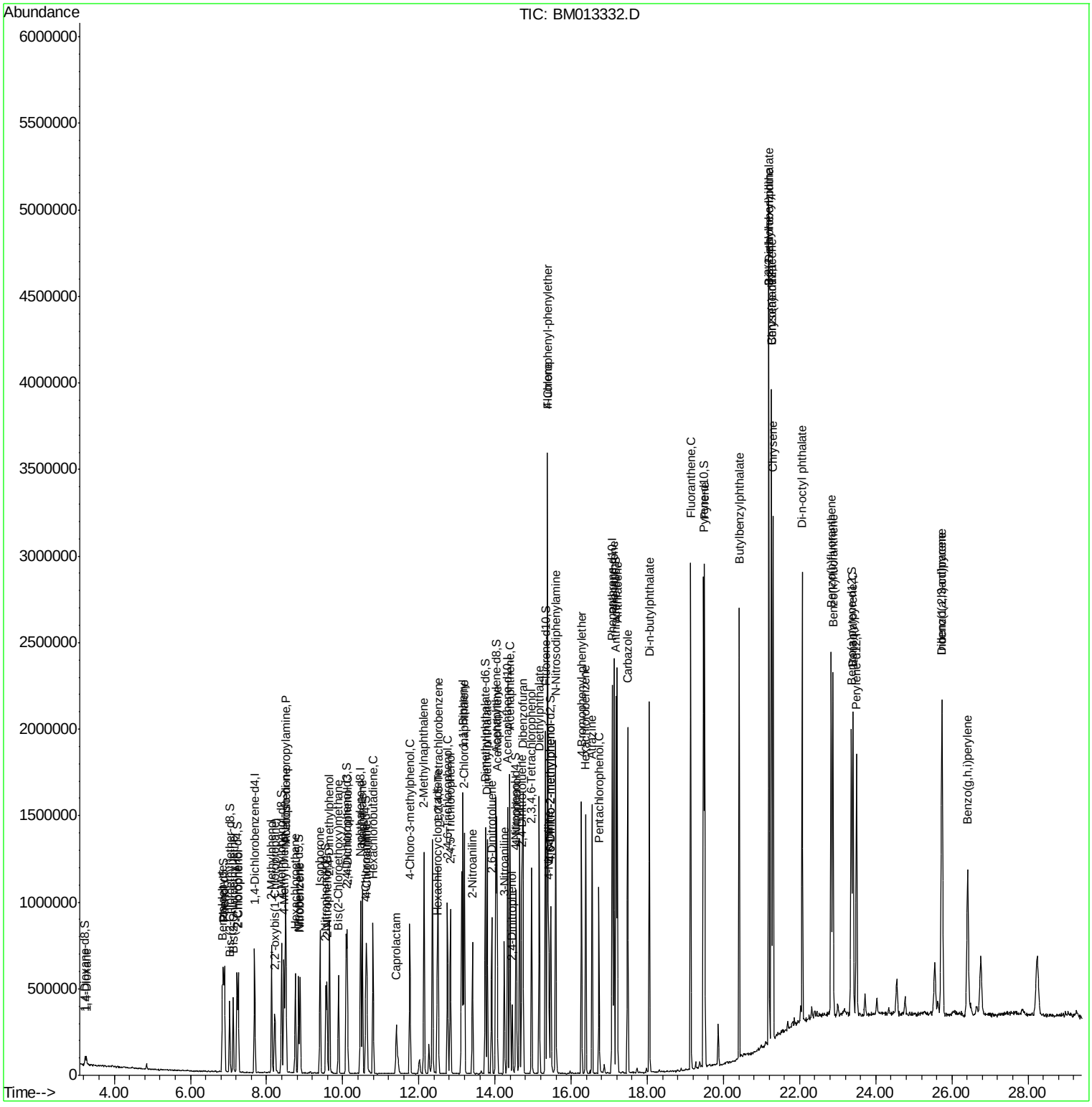
(#) = qualifier out of range (m) = manual integration (+) = signals summed

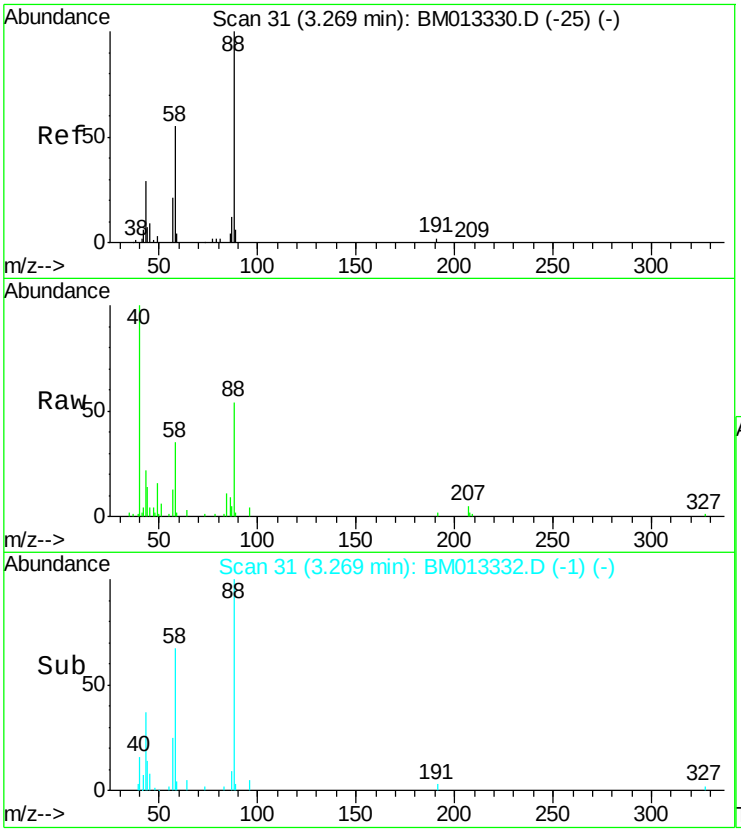
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121117\
Data File : BM013332.D
Acq On : 12 Dec 2017 07:52
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Quant Time: Dec 12 11:17:47 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 12 10:58:17 2017
Response via : Initial Calibration



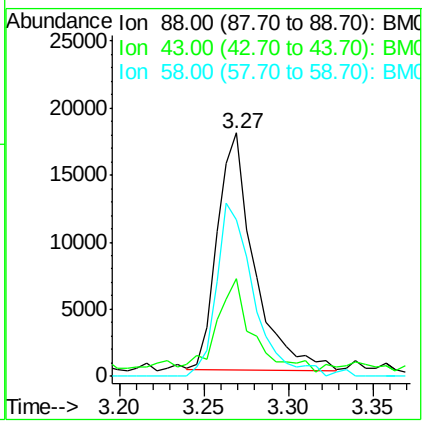


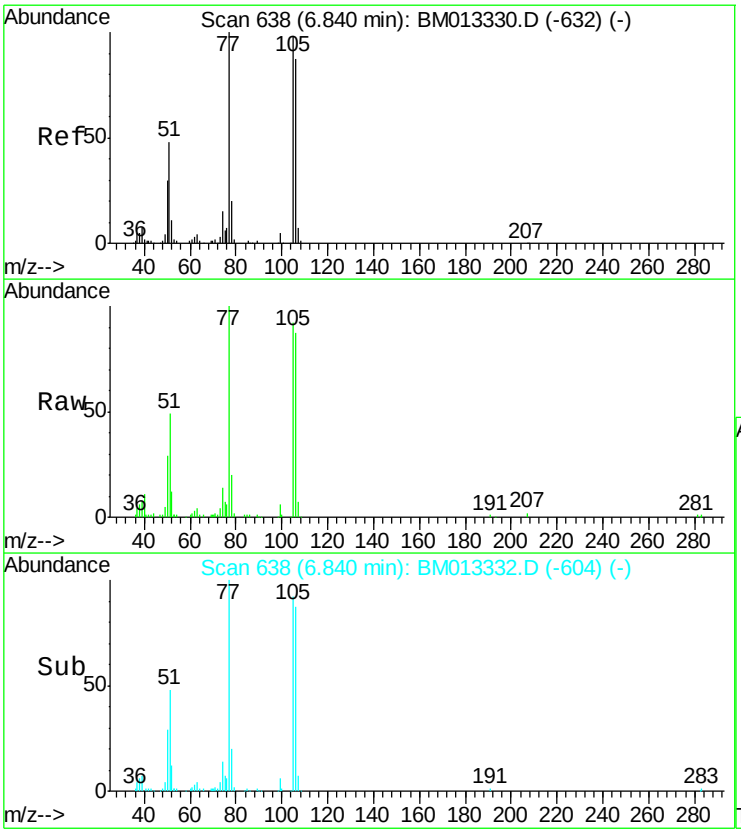

#2
1,4-Dioxane
Concen: 6.670 ng/uL
RT: 3.27 min Scan# 31
Delta R.T. 0.01 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion: 88 Resp: 26925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 32.3 | 48.0 | 72.0# |
| 58 | 71.3 | 80.0 | 120.0# |

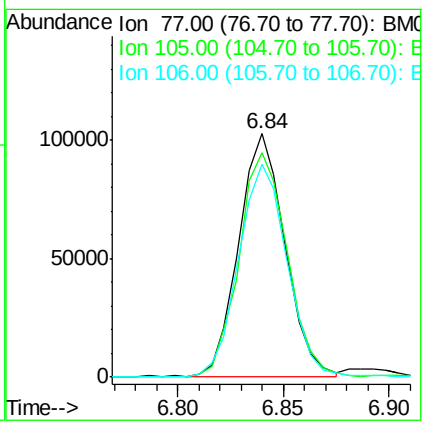


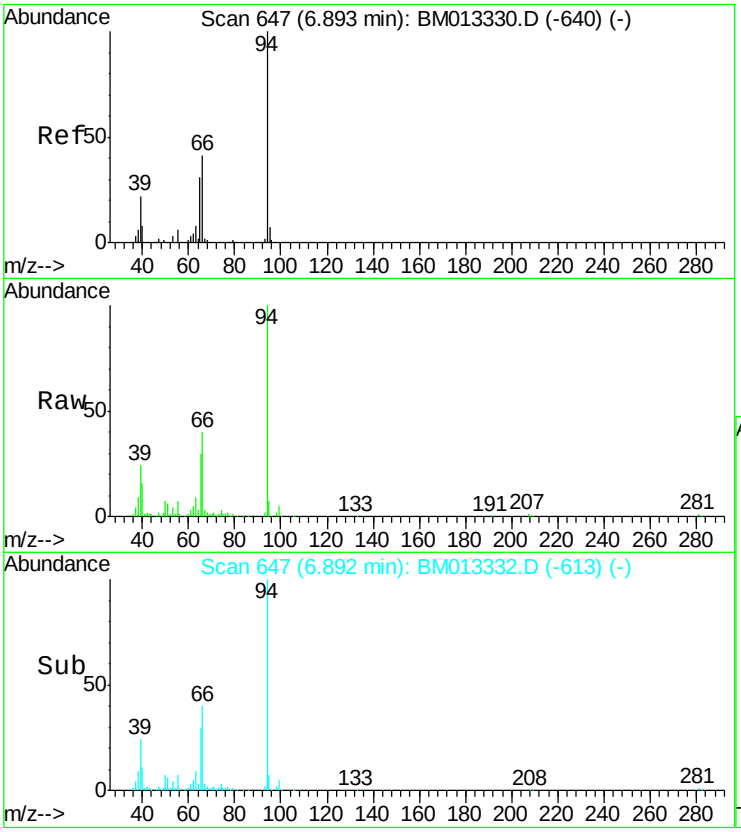




#4
Benzaldehyde
Concen: 20.599 ng/ul
RT: 6.84 min Scan# 638
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion: 77 Resp: 157038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 92.3 | 66.1 | 99.1 |
| 106 | 87.4 | 67.8 | 101.6 |



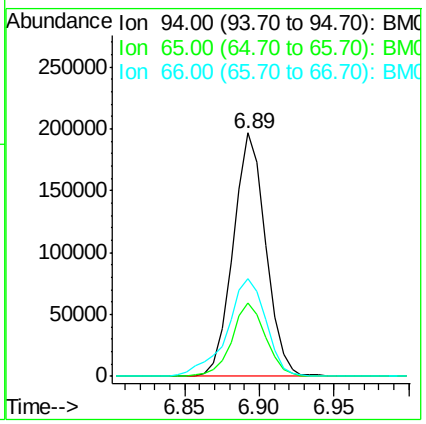


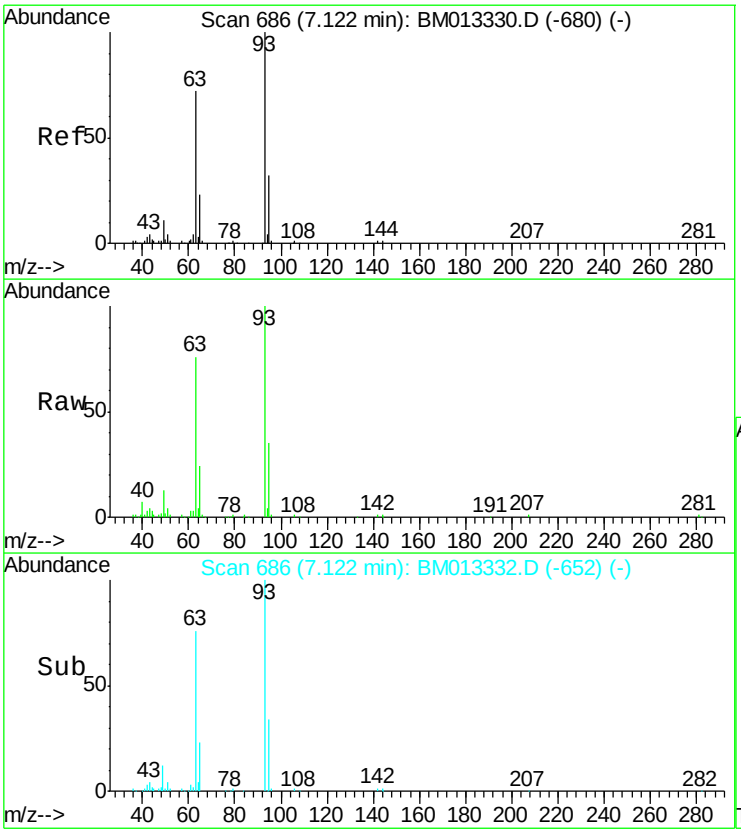

#6
Phenol
Concen: 19.662 ng/ul
RT: 6.89 min Scan# 647
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion: 94 Resp: 299471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 30.2 | 28.2 | 42.4 |
| 66 | 40.2 | 47.2 | 70.8# |

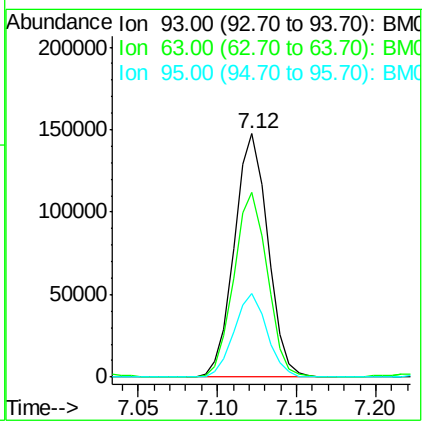


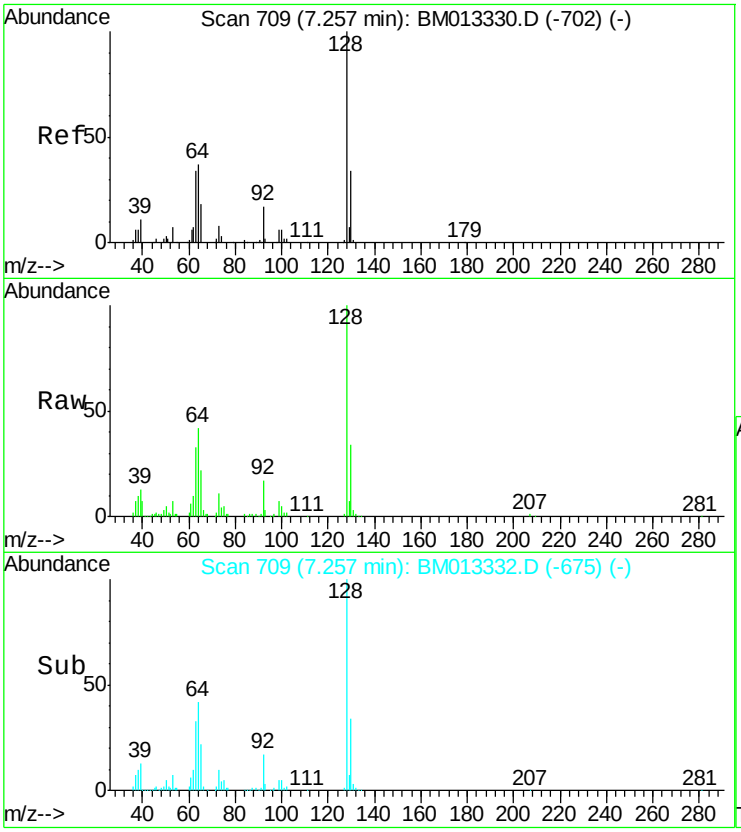




#8
Bis(2-Chloroethyl)ether
Concen: 18.713 ng/ul
RT: 7.12 min Scan# 686
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion: 93 Resp: 217917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 75.9 | 57.3 | 85.9 |
| 95 | 34.6 | 26.6 | 39.8 |



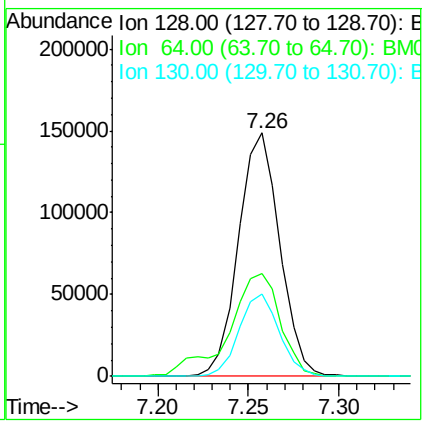


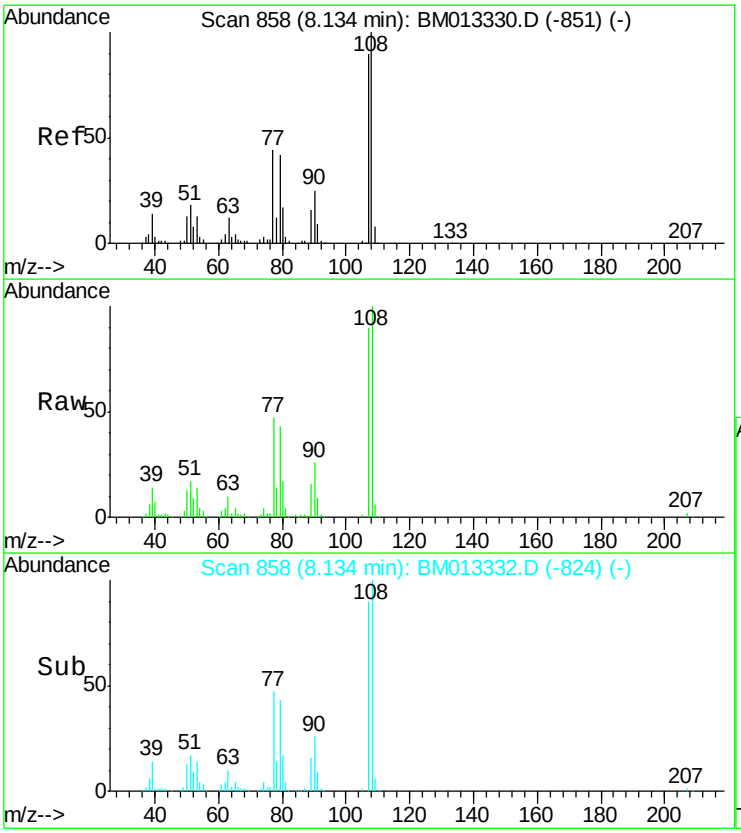

#10
2-Chlorophenol
Concen: 19.963 ng/ul
RT: 7.26 min Scan# 709
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion:128 Resp: 235675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 64 | 42.4 | 38.0 | 57.0 |
| 130 | 33.8 | 24.4 | 36.6 |

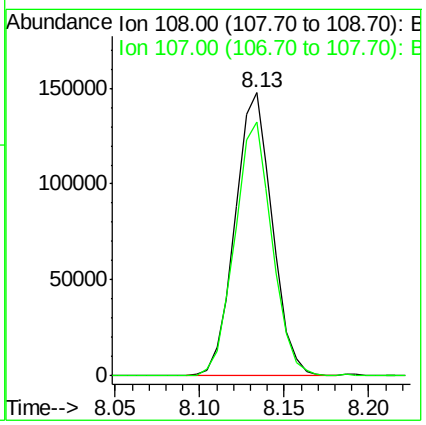


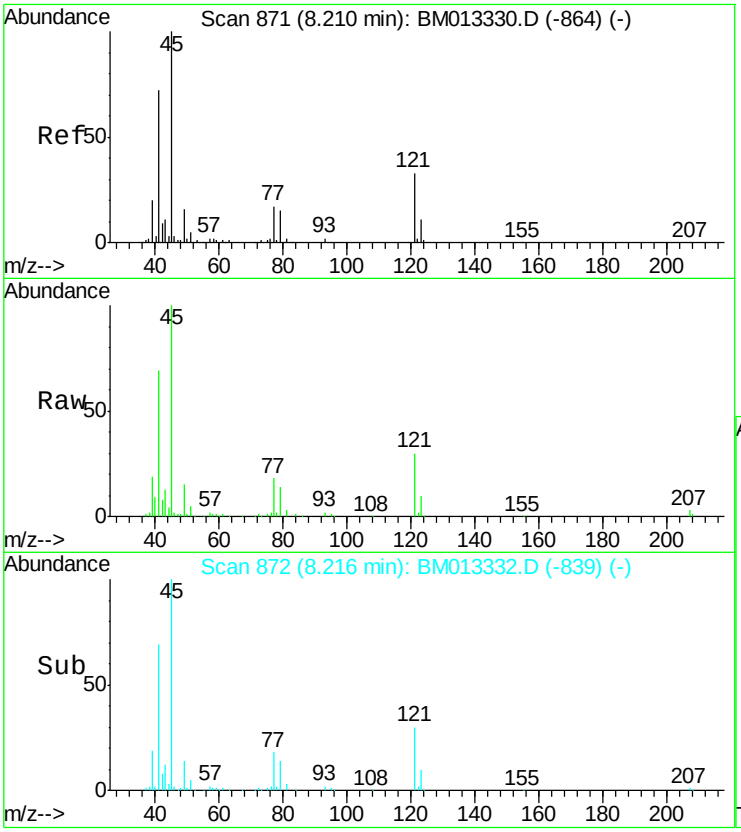




#11
2-Methylphenol
Concen: 19.206 ng/ul
RT: 8.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion:108 Resp: 226239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 108 | 100 | | |
| 107 | 89.9 | 72.6 | 108.8 |



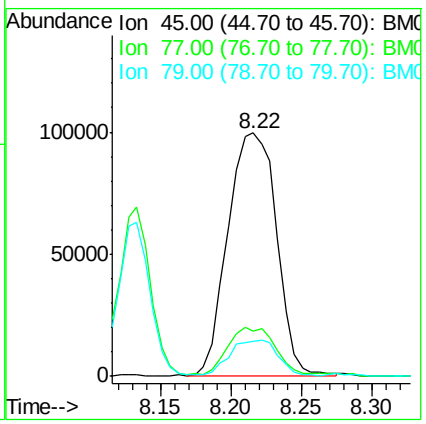


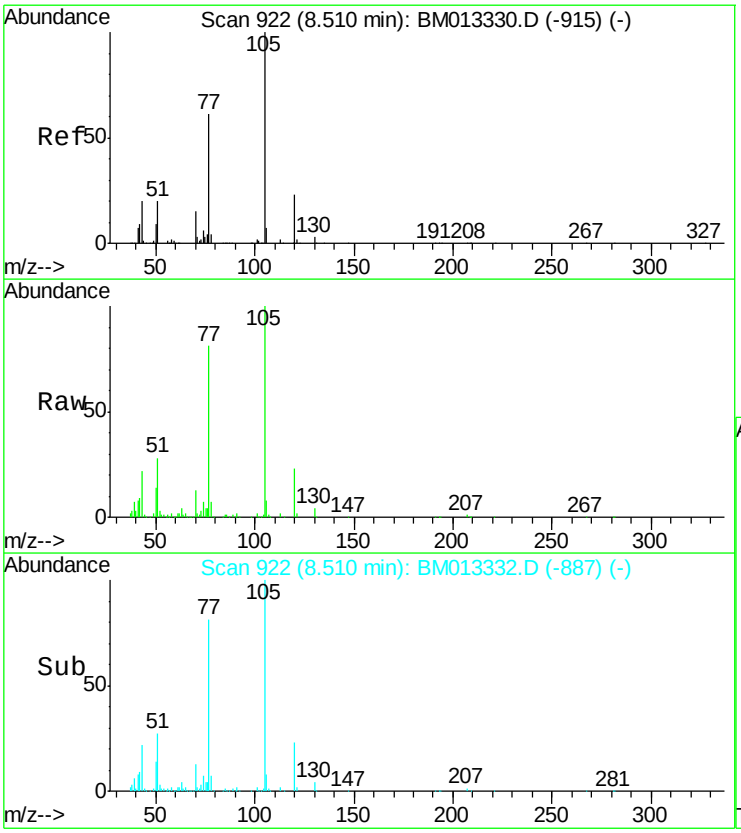

#12
2,2'-oxybis(1-Chloropropane)
Concen: 19.754 ng/ul
RT: 8.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion: 45 Resp: 241550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 18.4 | 8.0 | 12.0# |
| 79 | 14.2 | 8.0 | 12.0# |

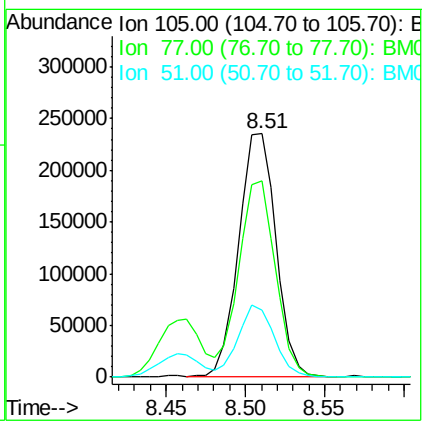


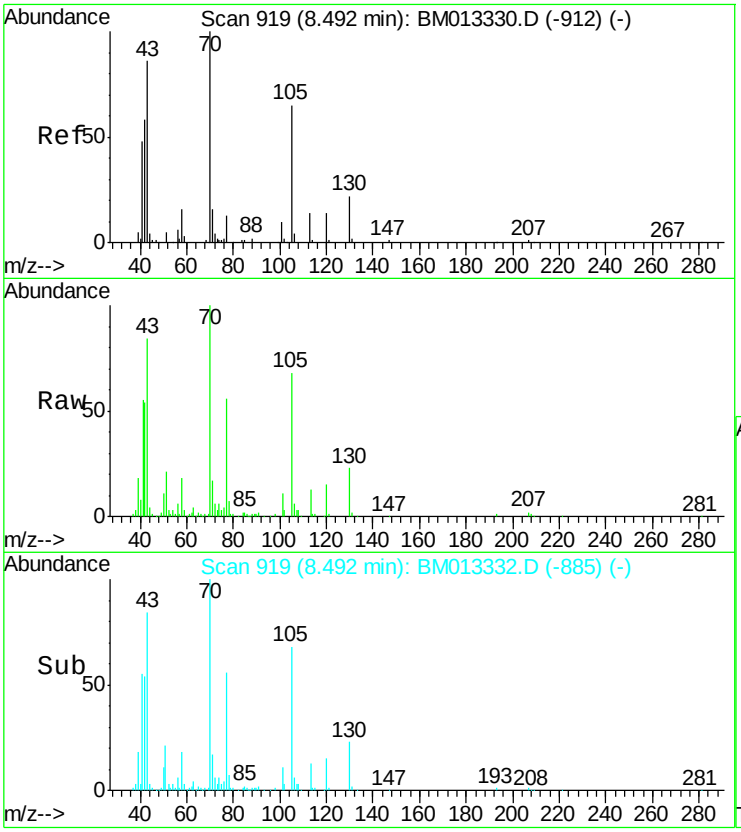




#14
Acetophenone
Concen: 19.108 ng/ul
RT: 8.51 min Scan# 922
Delta R.T. 0.01 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion:105 Resp: 382488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 77 | 80.7 | 74.2 | 111.4 |
| 51 | 27.5 | 23.4 | 35.2 |



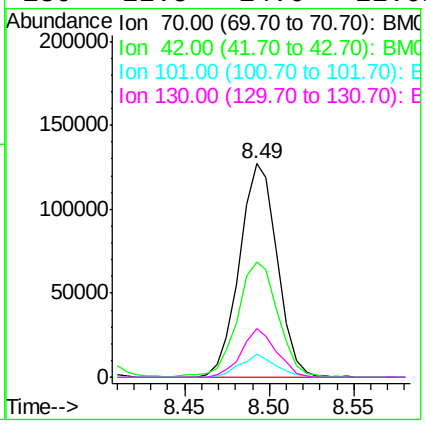


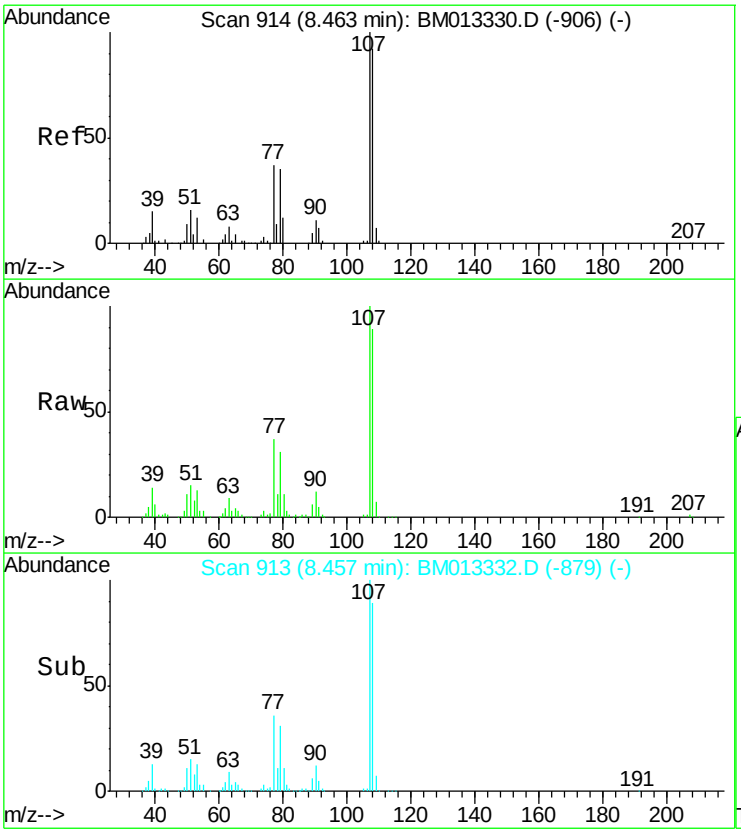

#15
N-Nitroso-di-n-propylamine
Concen: 19.563 ng/ul
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion: 70 Resp: 197248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 53.8 | 76.0 | 114.0# |
| 101 | 10.9 | 6.7 | 10.1# |
| 130 | 22.5 | 14.6 | 22.0# |

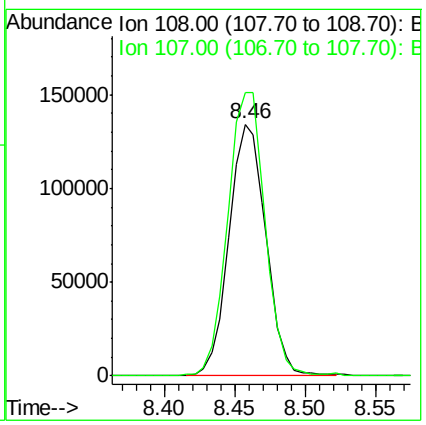


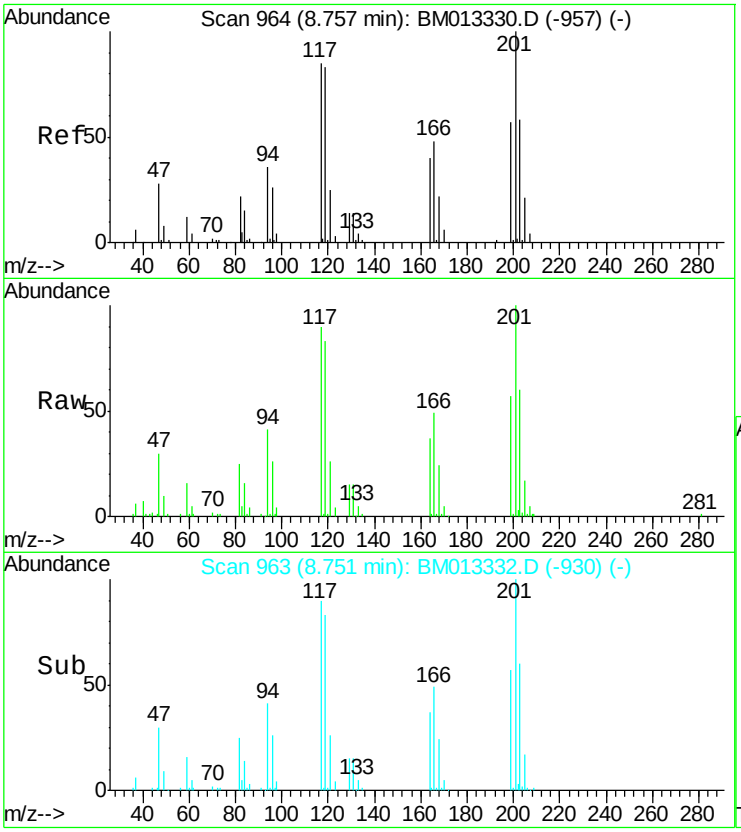




#16
4-Methylphenol
Concen: 19.421 ng/ul
RT: 8.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion:108 Resp: 244645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 108 | 100 | | |
| 107 | 112.5 | 84.9 | 127.3 |



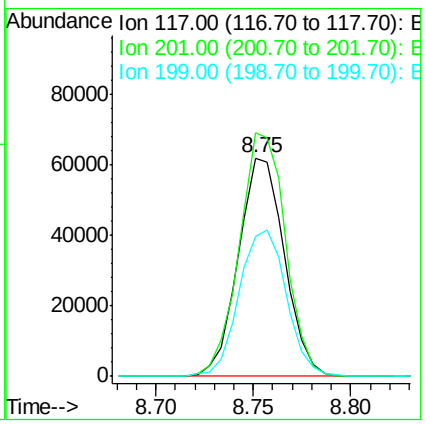


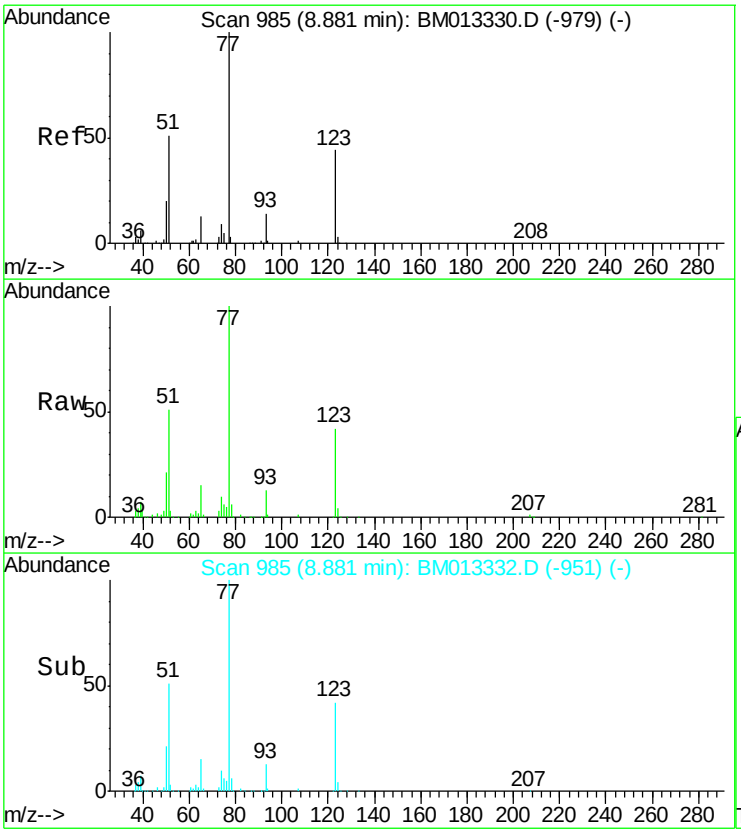

#17
Hexachloroethane
Concen: 19.640 ng/ul
RT: 8.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion:117 Resp: 100947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 111.6 | 111.6 | 167.4# |
| 199 | 64.1 | 67.8 | 101.6# |

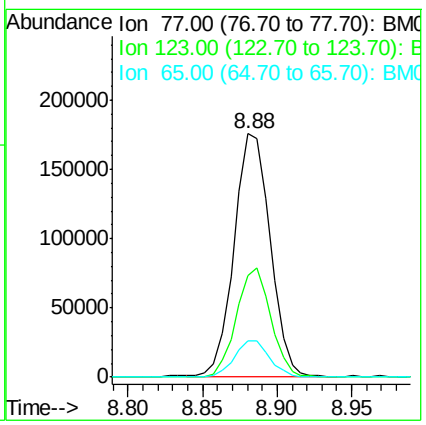


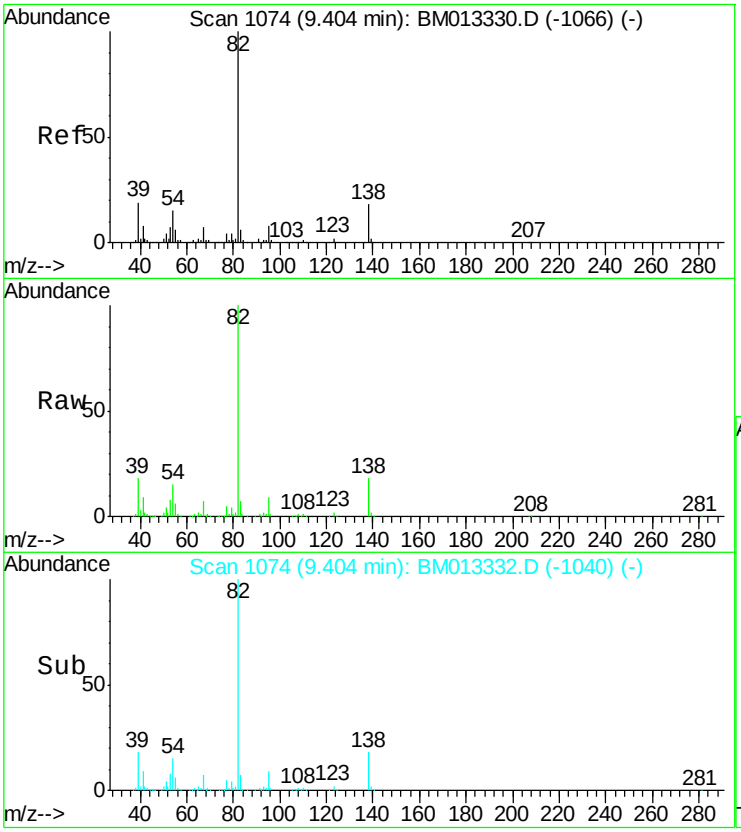




#20
Nitrobenzene
Concen: 18.644 ng/ul
RT: 8.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion: 77 Resp: 294964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 41.7 | 31.0 | 46.6 |
| 65 | 14.9 | 12.2 | 18.2 |



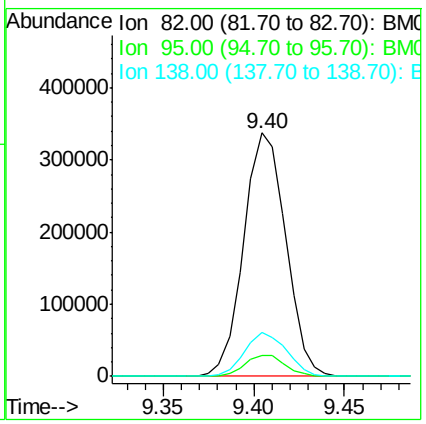


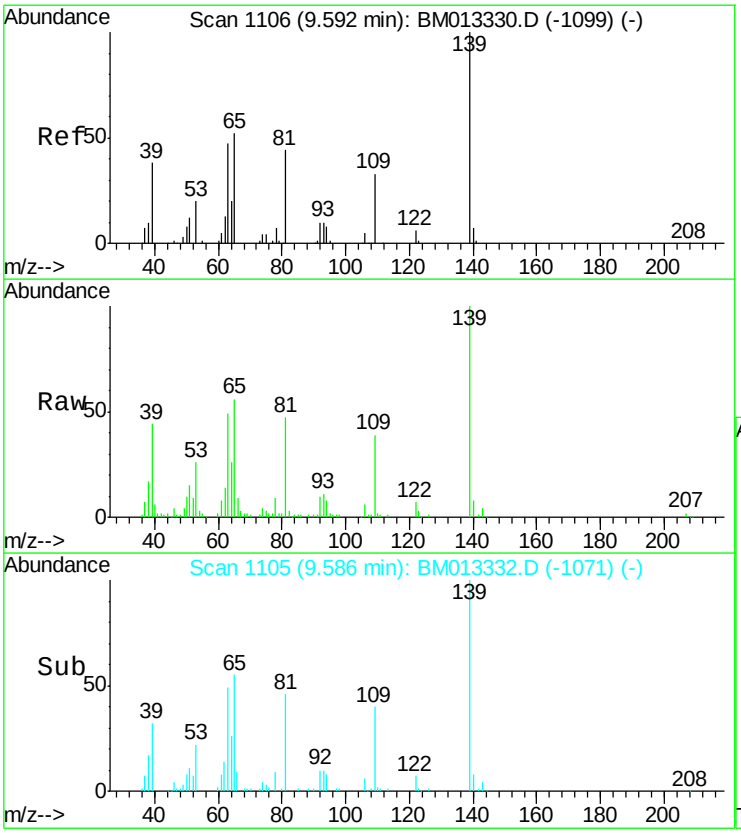

#21
Isophorone
Concen: 19.596 ng/ul
RT: 9.40 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion: 82 Resp: 545529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.6 | 7.8 | 11.8 |
| 138 | 18.0 | 11.9 | 17.9# |

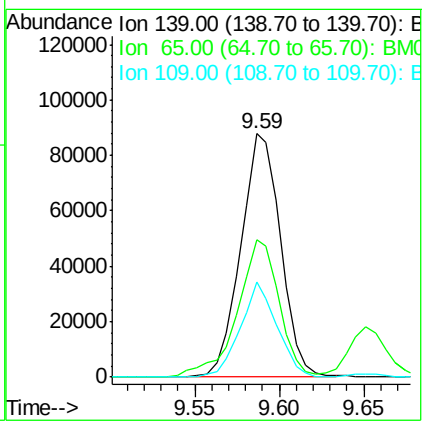


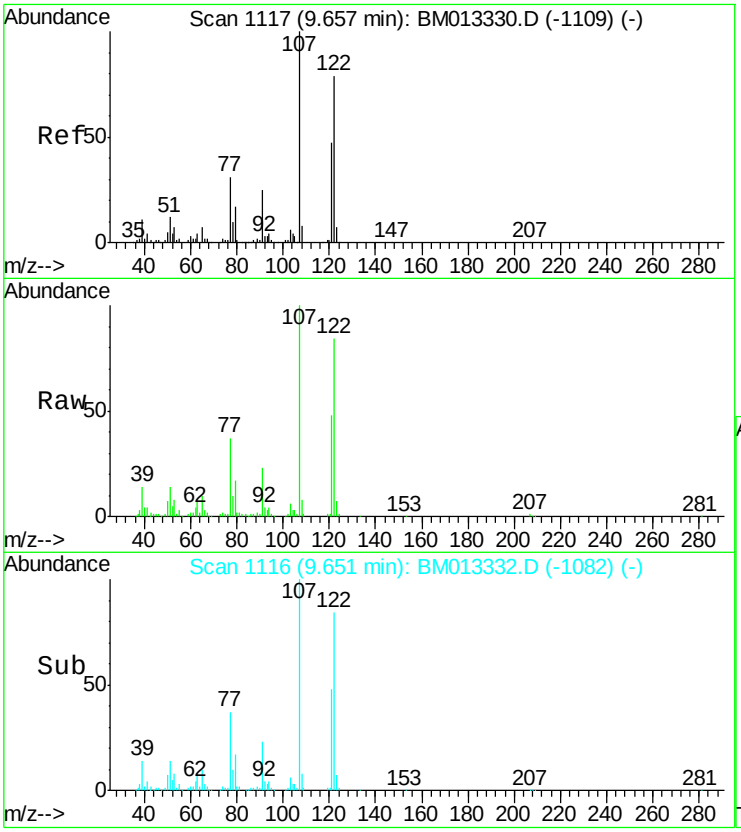




#23
2-Nitrophenol
Concen: 20.674 ng/ul
RT: 9.59 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion:139 Resp: 144063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 65 | 56.2 | 55.4 | 83.0 |
| 109 | 39.1 | 42.2 | 63.2# |



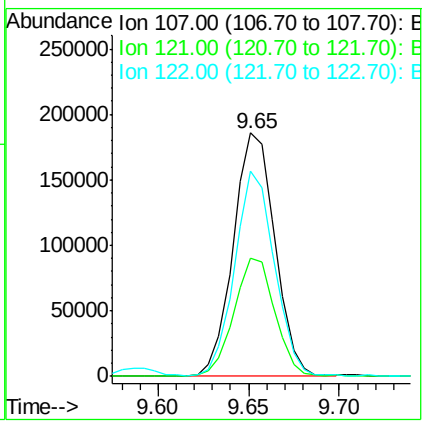


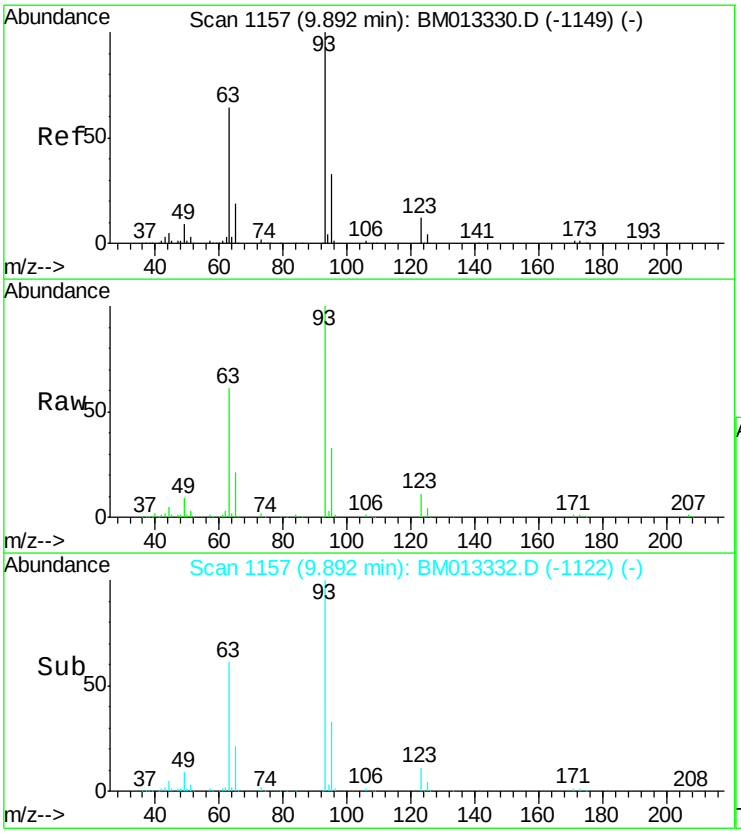

#24
2,4-Dimethylphenol
Concen: 19.514 ng/ul
RT: 9.65 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion:107 Resp: 296583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 121 | 48.5 | 31.9 | 47.9# |
| 122 | 84.3 | 57.8 | 86.6 |

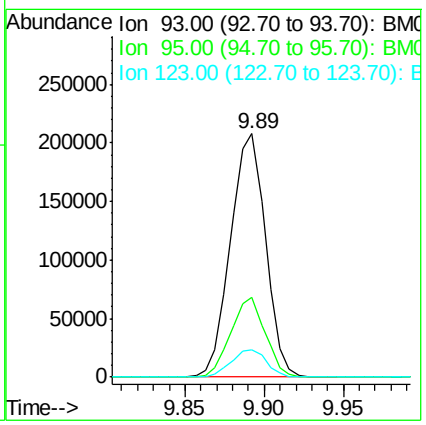


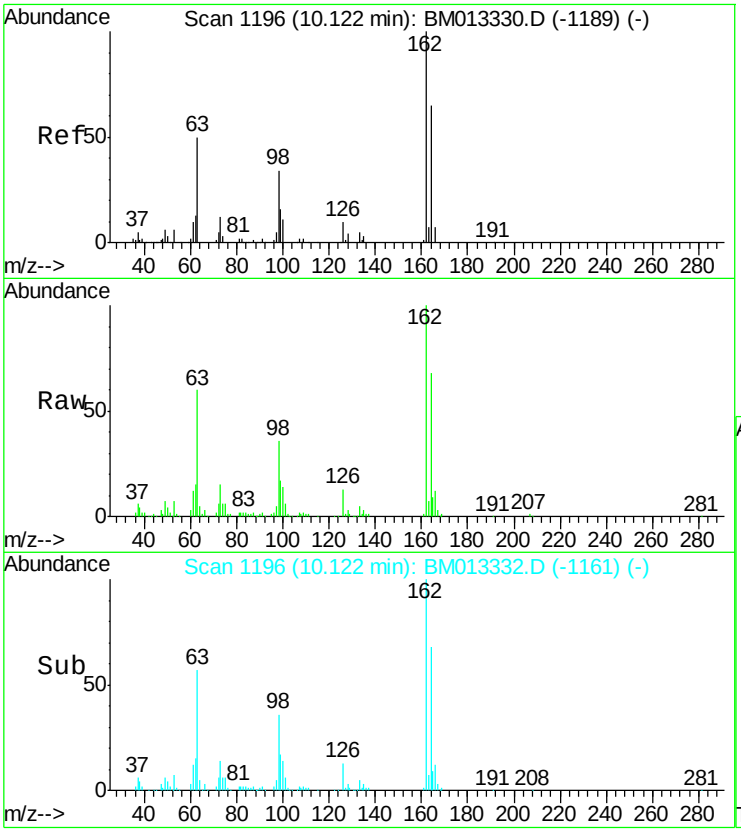




#25
Bis(2-Chloroethoxy)methane
Concen: 19.604 ng/ul
RT: 9.89 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion: 93 Resp: 319393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.5 | 28.5 | 42.7 |
| 123 | 11.3 | 8.9 | 13.3 |



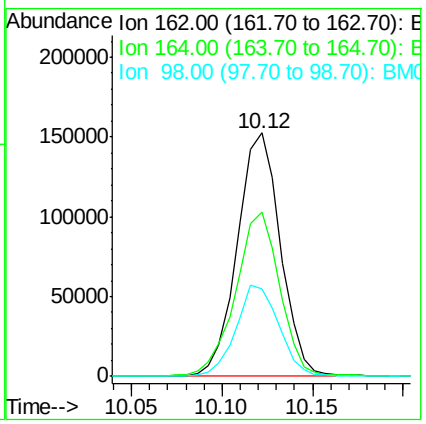


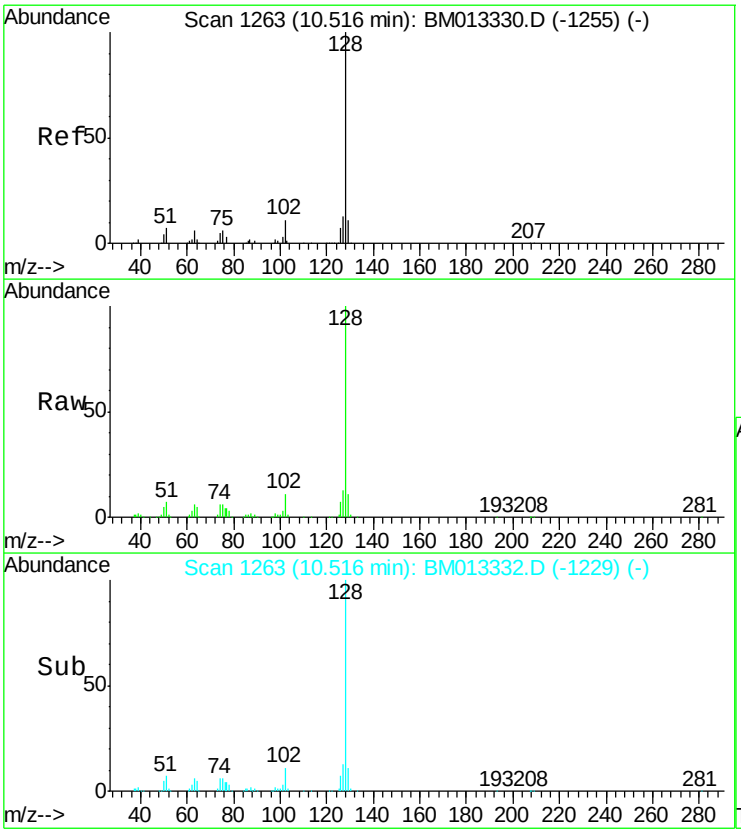

#27
2,4-Dichlorophenol
Concen: 19.686 ng/ul
RT: 10.12 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion:162 Resp: 251863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 67.6 | 47.8 | 71.6 |
| 98 | 36.1 | 23.0 | 34.4# |

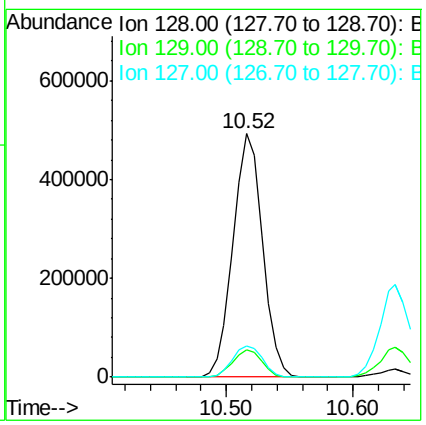


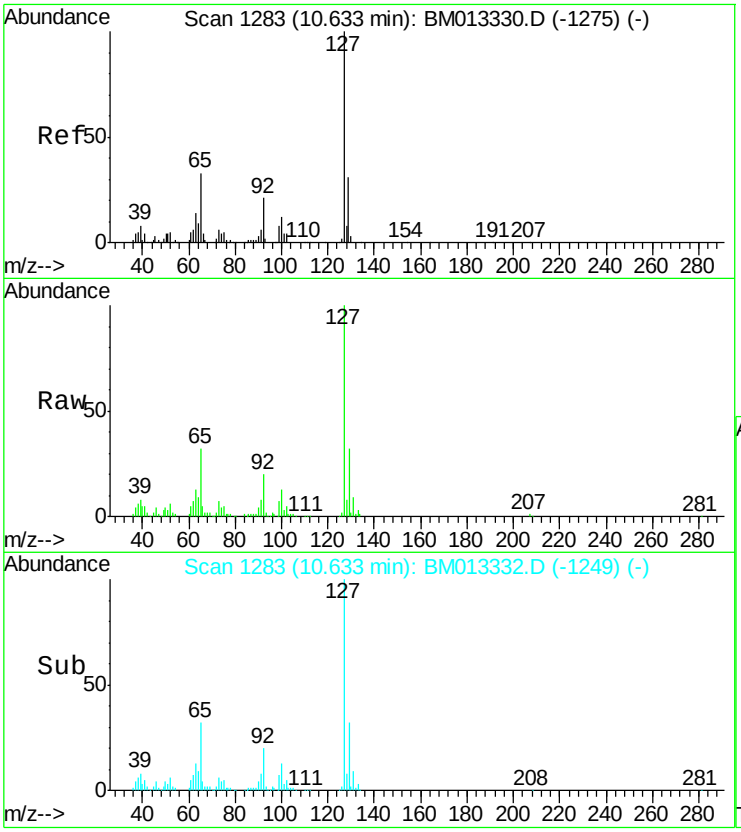




#28
Naphthalene
Concen: 19.449 ng/ul
RT: 10.52 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion:128 Resp: 792449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 8.8 | 13.2 |
| 127 | 12.6 | 10.6 | 16.0 |



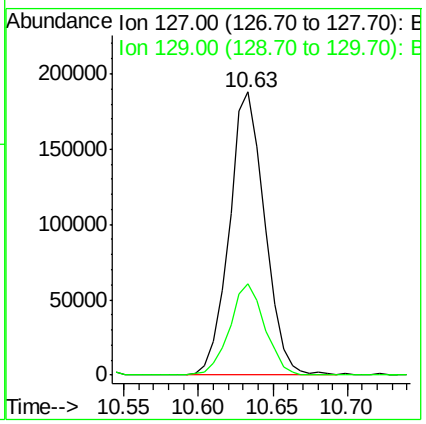


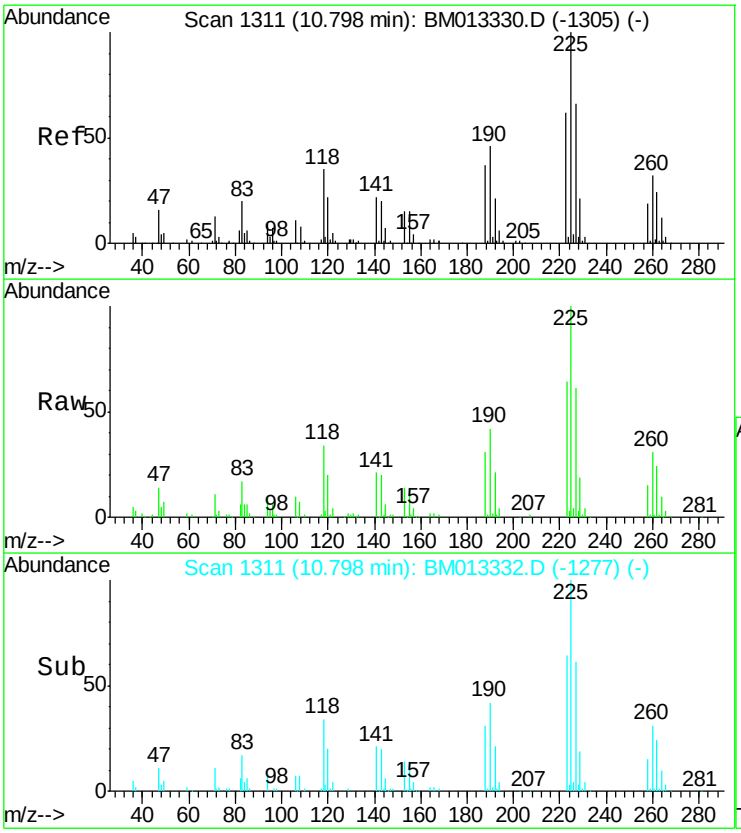

#30
4-Chloroaniline
Concen: 25.273 ng/ul
RT: 10.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion:127 Resp: 311483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.5 | 28.4 | 42.6 |

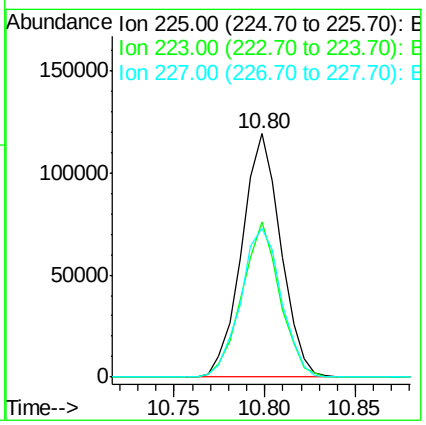


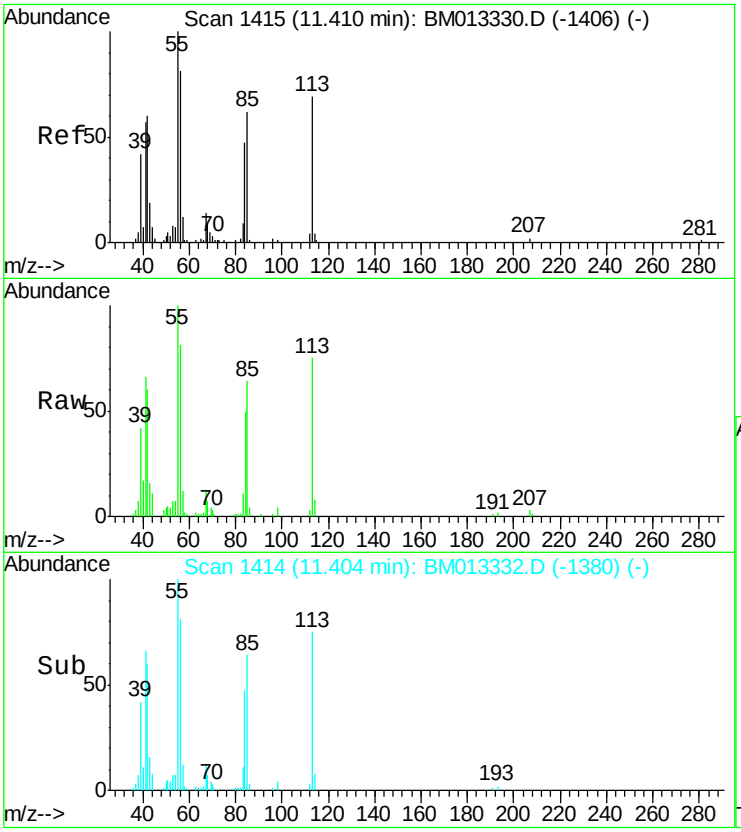




#31
Hexachlorobutadiene
Concen: 19.279 ng/ul
RT: 10.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion:225 Resp: 178669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.0 | 49.4 | 74.2 |
| 227 | 61.1 | 45.4 | 68.2 |



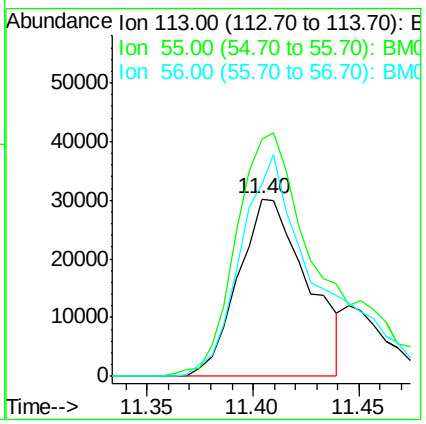


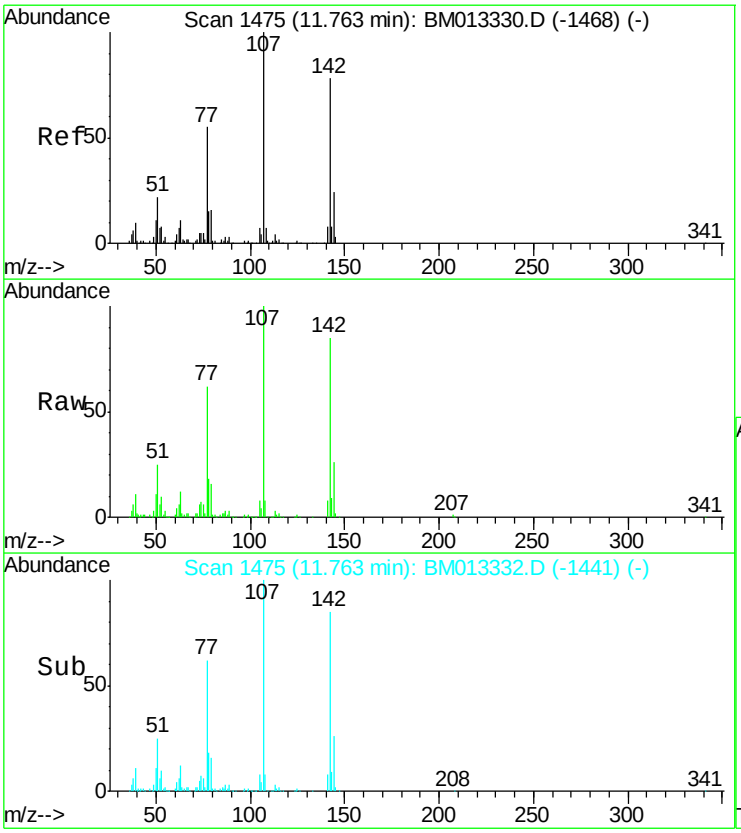

#32
Caprolactam
Concen: 16.748 ng/ul
RT: 11.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion:113 Resp: 68485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 133.9 | 208.0 | 312.0# |
| 56 | 108.6 | 160.0 | 240.0# |

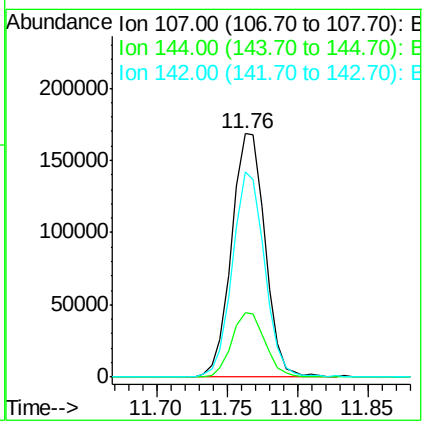


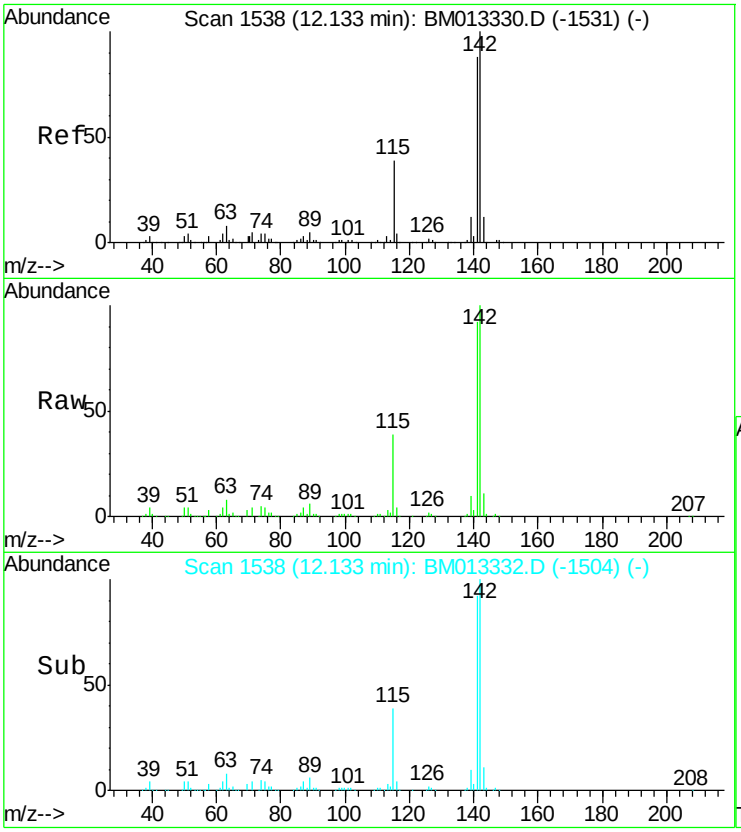




#33
4-Chloro-3-methylphenol
Concen: 19.918 ng/ul
RT: 11.76 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion:107 Resp: 279545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.4 | 20.4 | 30.6 |
| 142 | 84.5 | 60.5 | 90.7 |



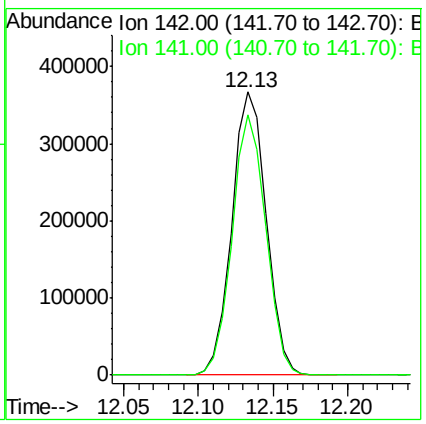


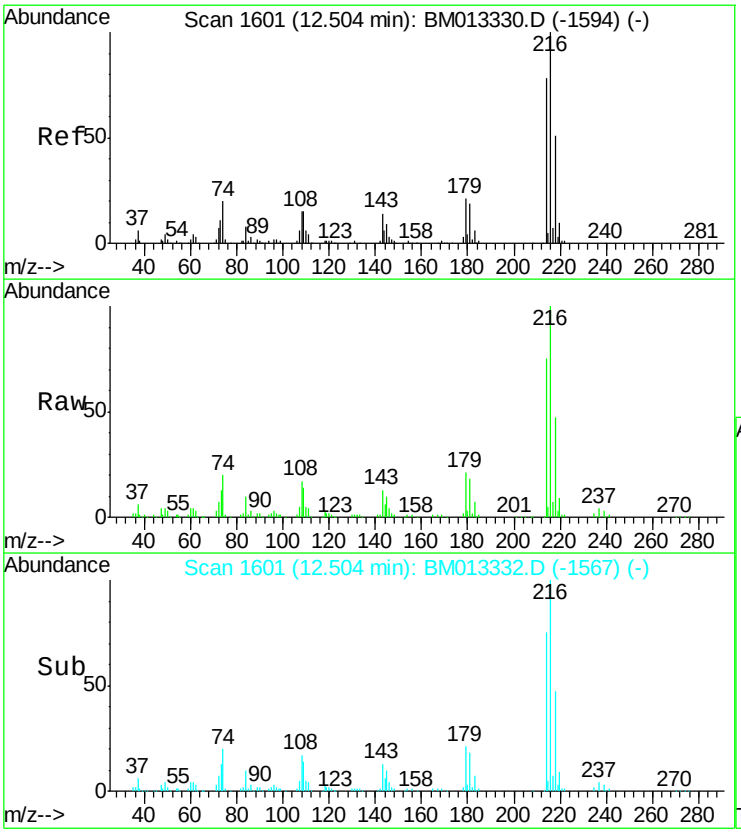

#34
2-Methylnaphthalene
Concen: 19.216 ng/ul
RT: 12.13 min Scan# 1538
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion:142 Resp: 588558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.1 | 74.1 | 111.1 |

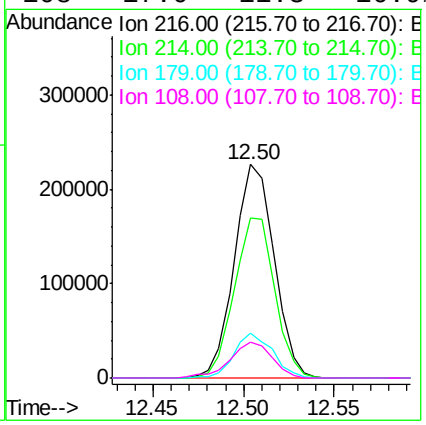


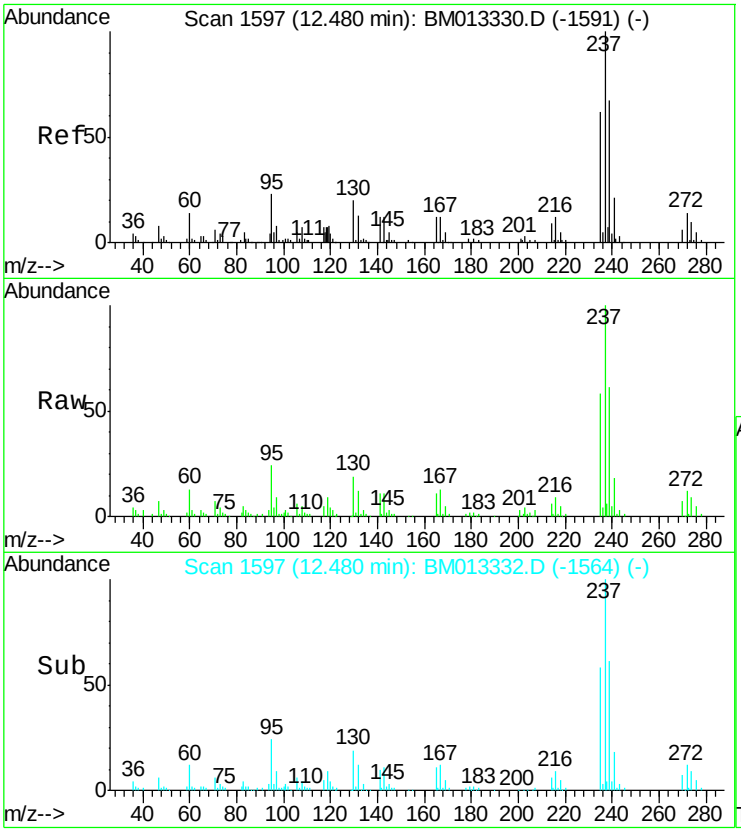




#36
1,2,4,5-Tetrachlorobenzene
Concen: 19.200 ng/ul
RT: 12.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion:216 Resp: 347821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 74.9 | 60.6 | 90.8 |
| 179 | 20.9 | 17.5 | 26.3 |
| 108 | 17.0 | 11.3 | 16.9# |



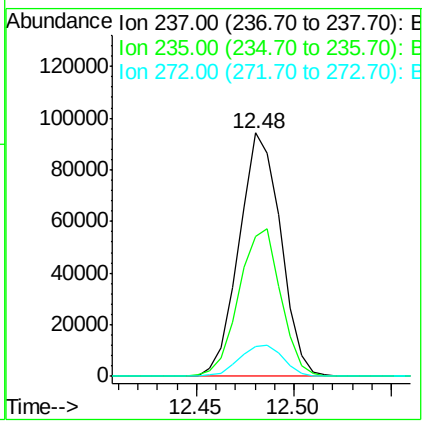


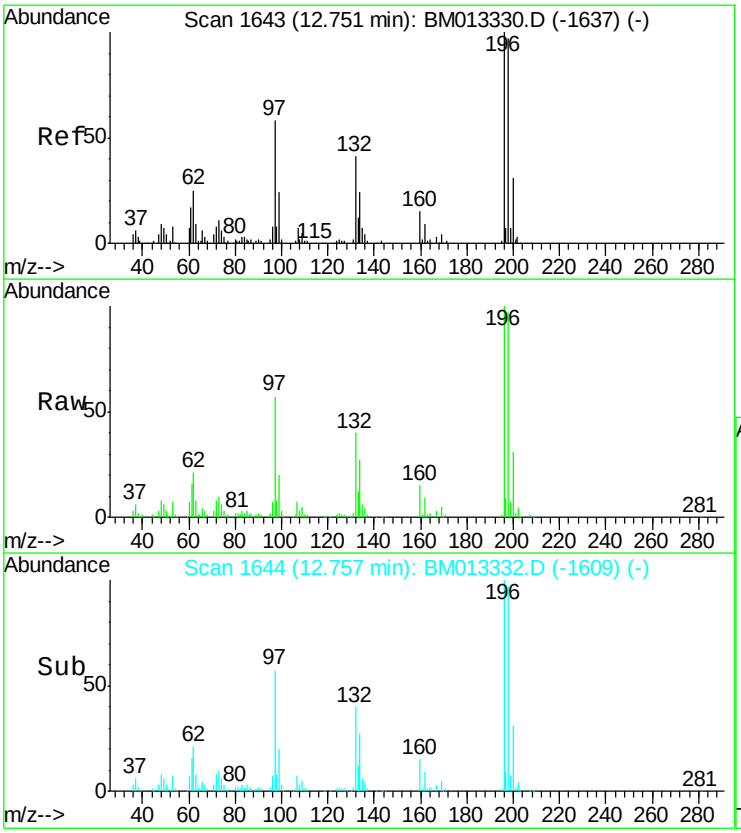

#37
Hexachlorocyclopentadiene
Concen: 11.678 ng/ul
RT: 12.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion:237 Resp: 139251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 57.6 | 50.2 | 75.4 |
| 272 | 13.1 | 11.0 | 16.6 |

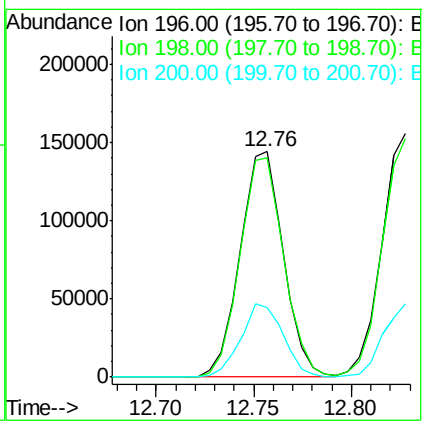


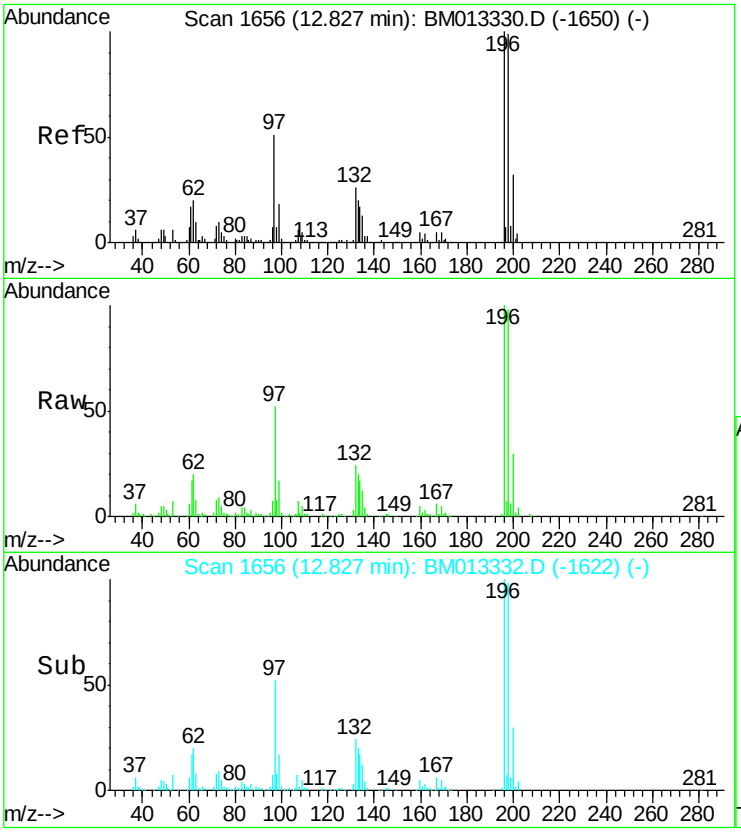




#38
2,4,6-Trichlorophenol
Concen: 19.663 ng/ul
RT: 12.76 min Scan# 1644
Delta R.T. 0.01 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion:196 Resp: 222078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.0 | 74.1 | 111.1 |
| 200 | 31.0 | 25.2 | 37.8 |



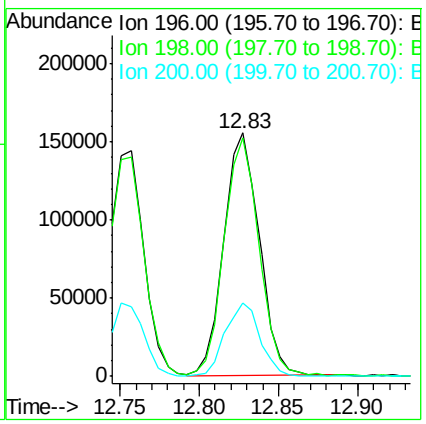


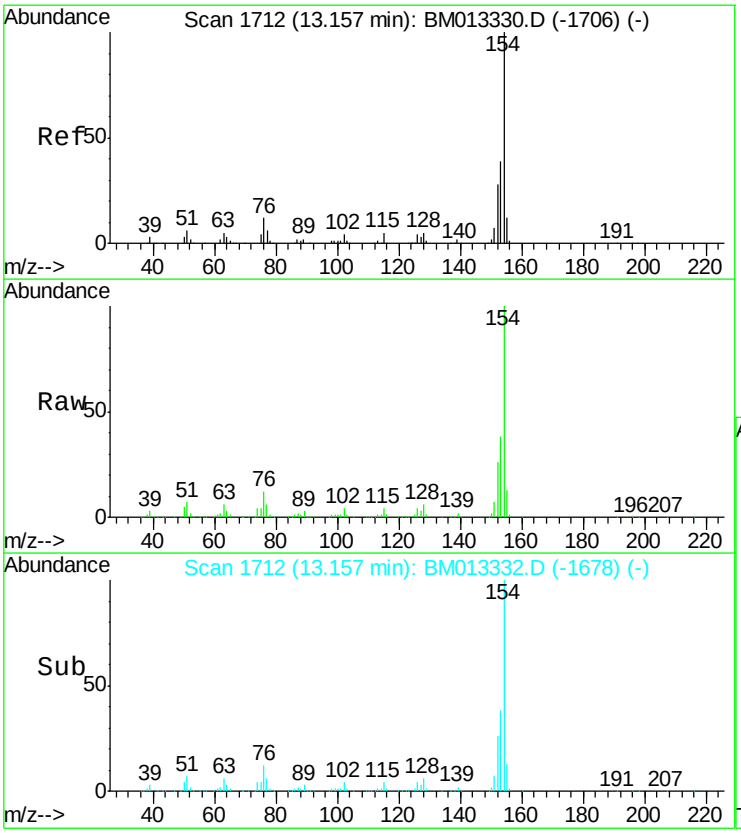

#39
2,4,5-Trichlorophenol
Concen: 20.039 ng/ul
RT: 12.83 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion:196 Resp: 240412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.7 | 75.6 | 113.4 |
| 200 | 30.1 | 25.5 | 38.3 |

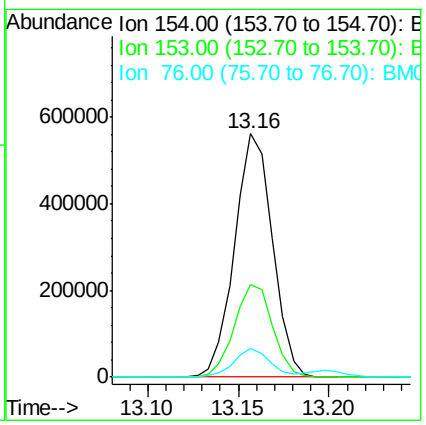


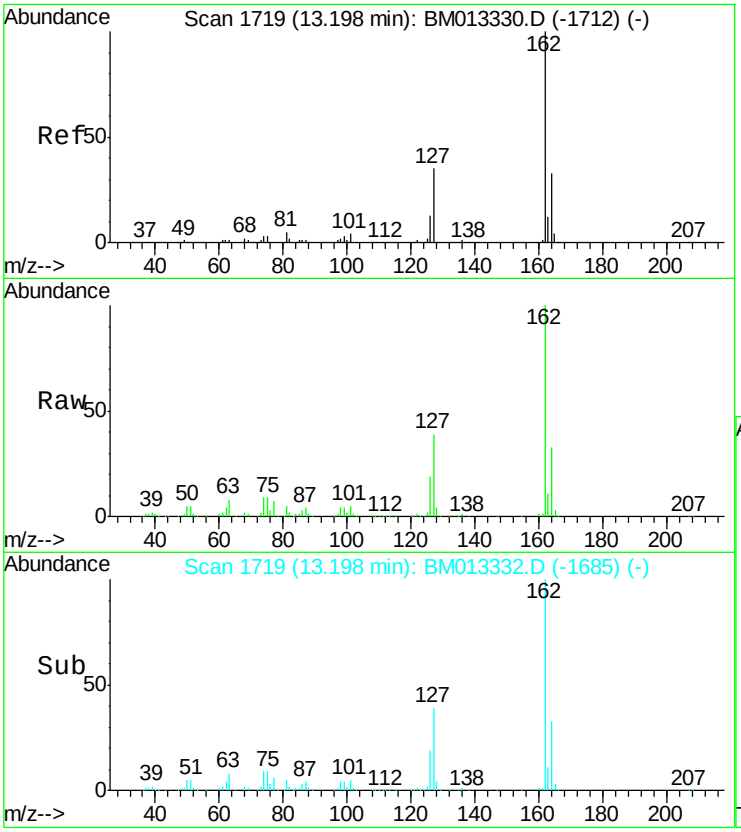




#40
1,1'-Biphenyl
Concen: 19.260 ng/ul
RT: 13.16 min Scan# 1712
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion:154 Resp: 817243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 38.0 | 32.6 | 48.8 |
| 76 | 11.6 | 8.5 | 12.7 |



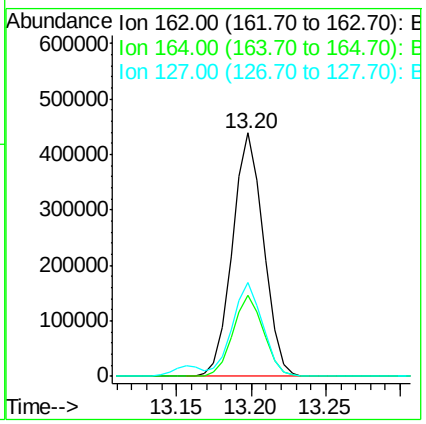


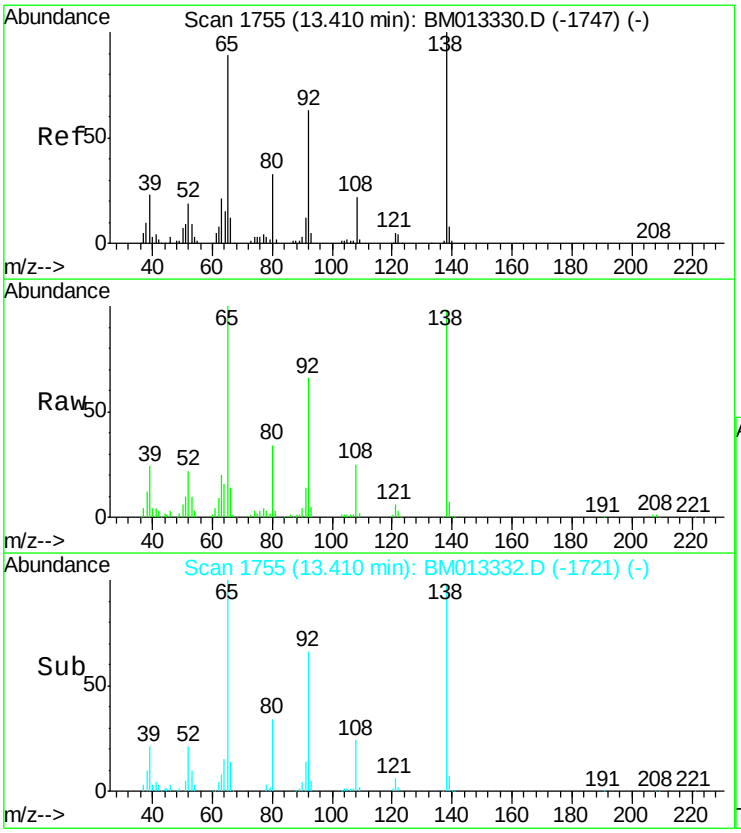

#41
2-Chloronaphthalene
Concen: 19.194 ng/ul
RT: 13.20 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion:162 Resp: 638947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 33.1 | 25.9 | 38.9 |
| 127 | 38.7 | 29.4 | 44.2 |

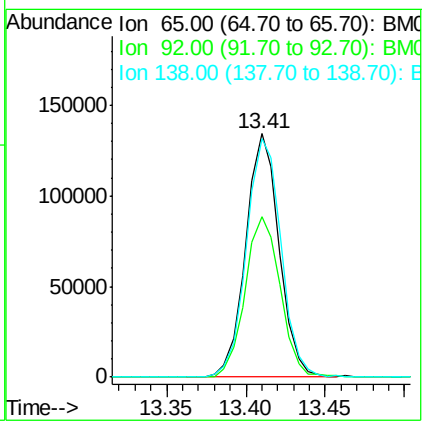


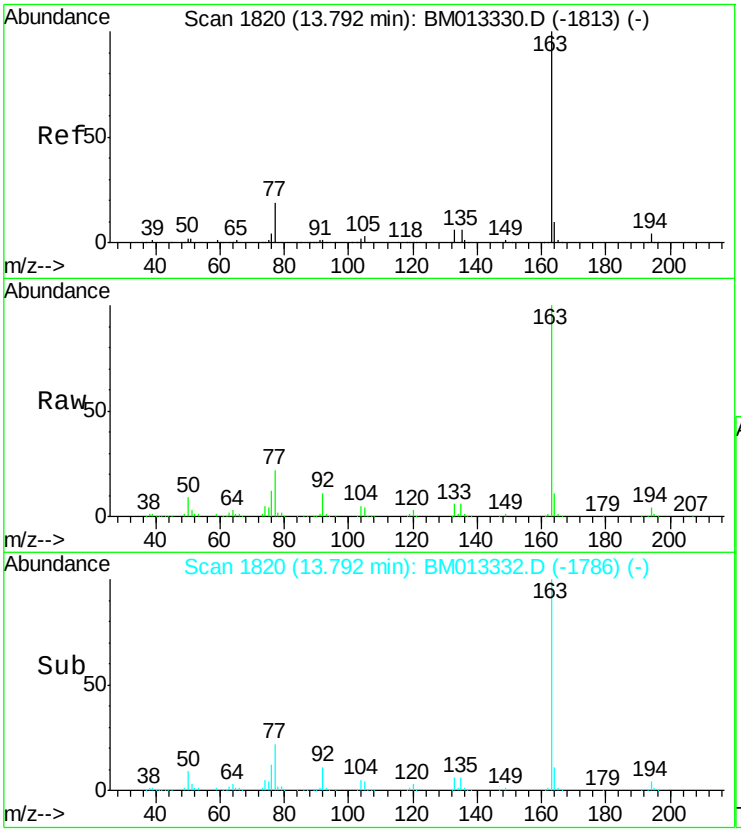




#42
2-Nitroaniline
Concen: 20.210 ng/ul
RT: 13.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion: 65 Resp: 197109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 65.8 | 51.8 | 77.6 |
| 138 | 98.0 | 74.2 | 111.4 |



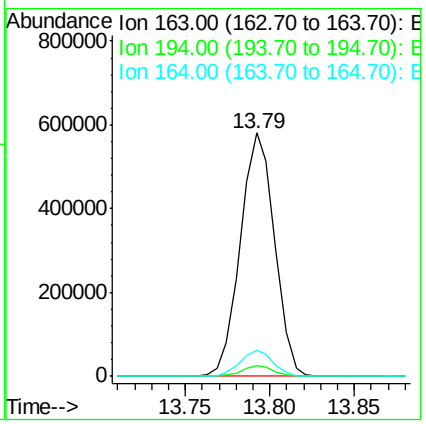


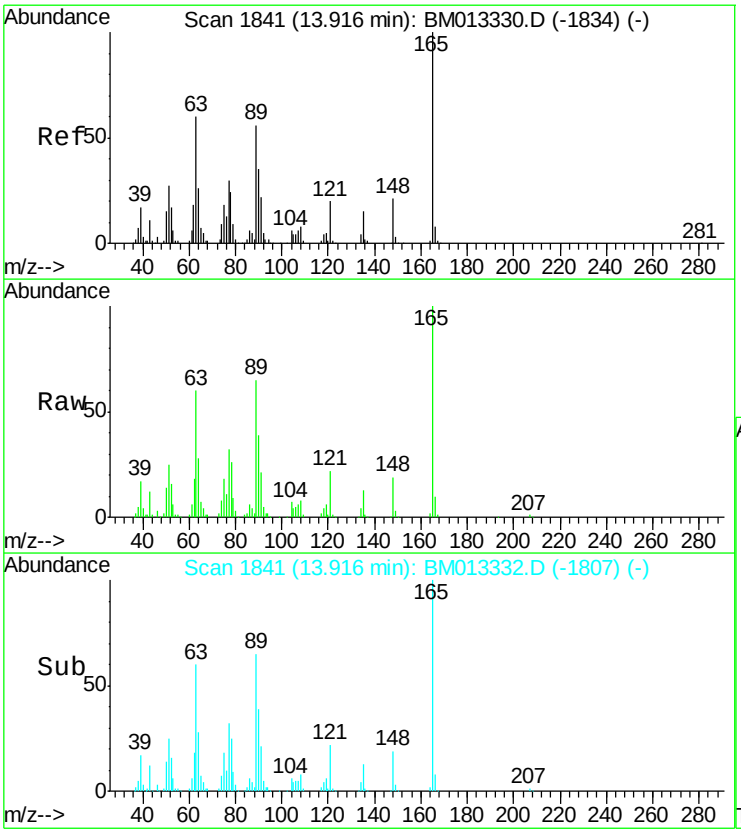

#44
Dimethylphthalate
Concen: 19.128 ng/ul
RT: 13.79 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion:163 Resp: 817352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 3.5 | 5.3 |
| 164 | 10.6 | 8.2 | 12.4 |

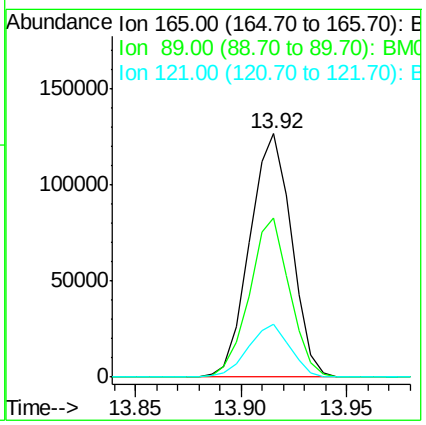


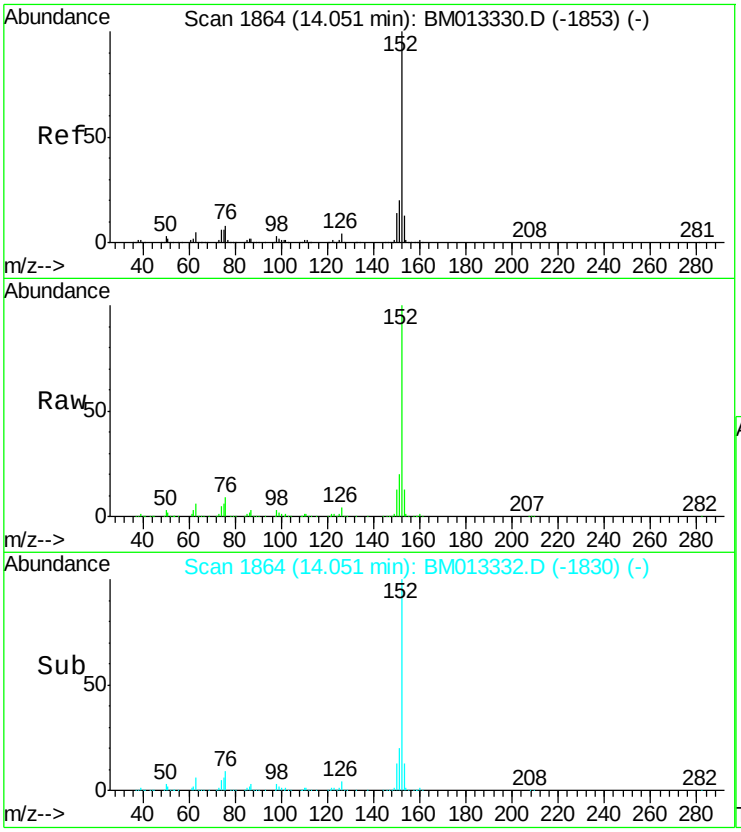




#45
2,6-Dinitrotoluene
Concen: 19.929 ng/ul
RT: 13.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion:165 Resp: 173681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 89 | 65.3 | 52.6 | 79.0 |
| 121 | 21.5 | 14.6 | 22.0 |



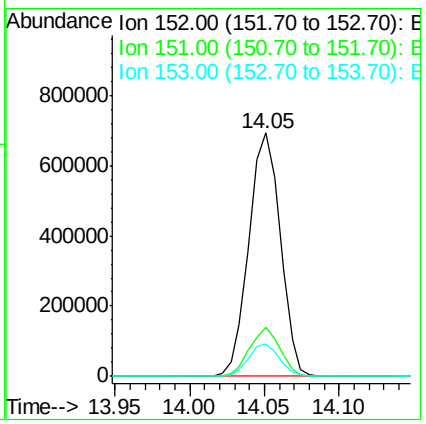


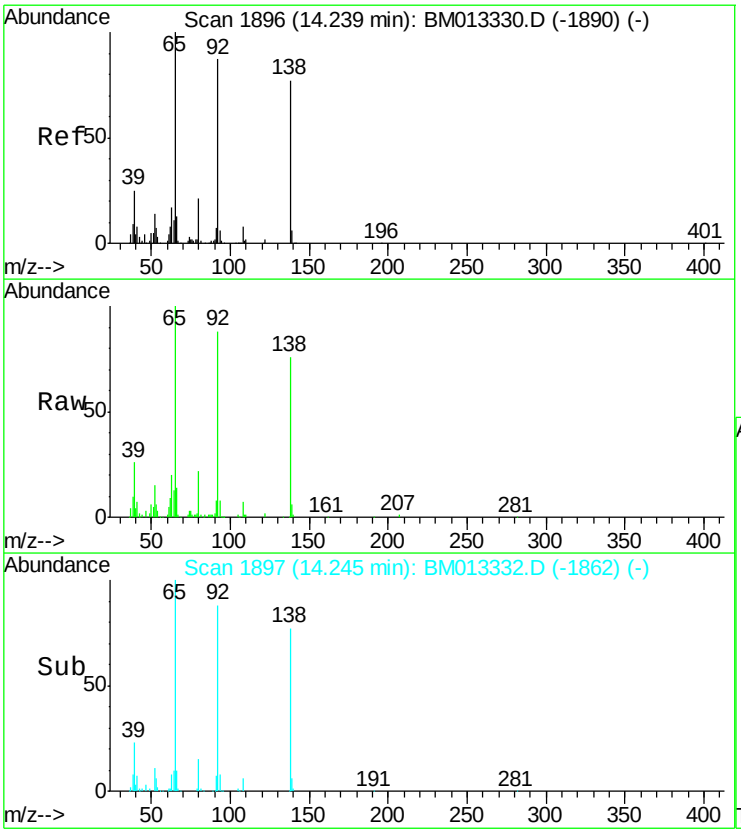

#47
Acenaphthylene
Concen: 19.796 ng/ul
RT: 14.05 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion:152 Resp: 1010016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.1 | 16.3 | 24.5 |
| 153 | 13.4 | 10.2 | 15.4 |

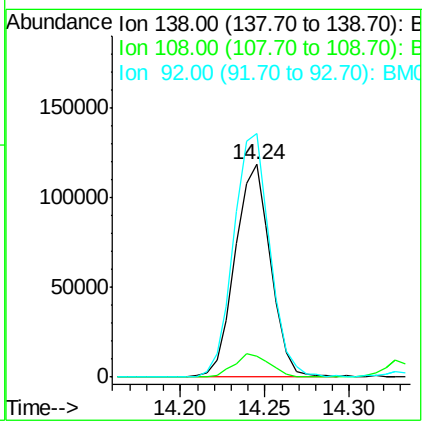


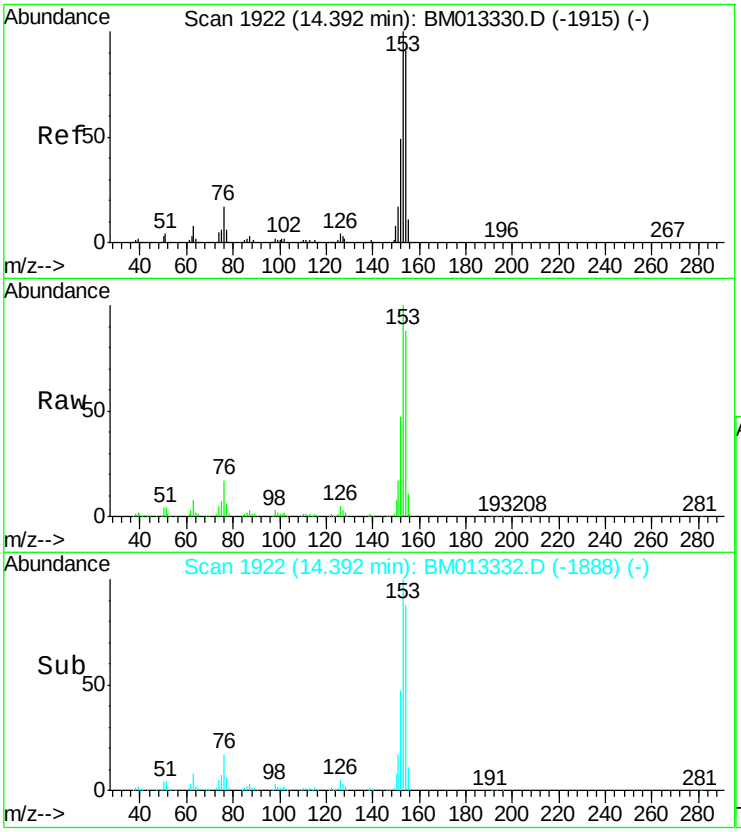




#48
3-Nitroaniline
Concen: 22.315 ng/ul
RT: 14.24 min Scan# 1897
Delta R.T. 0.01 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion:138 Resp: 173834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.6 | 9.9 | 14.9# |
| 92 | 114.6 | 105.0 | 157.4 |



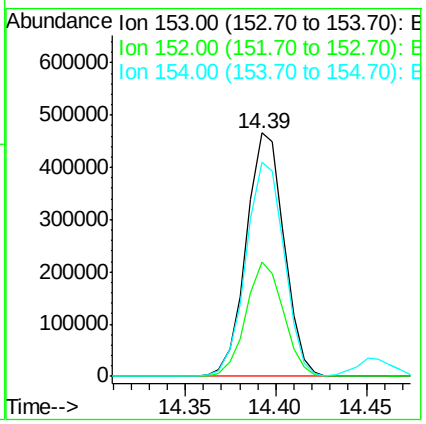


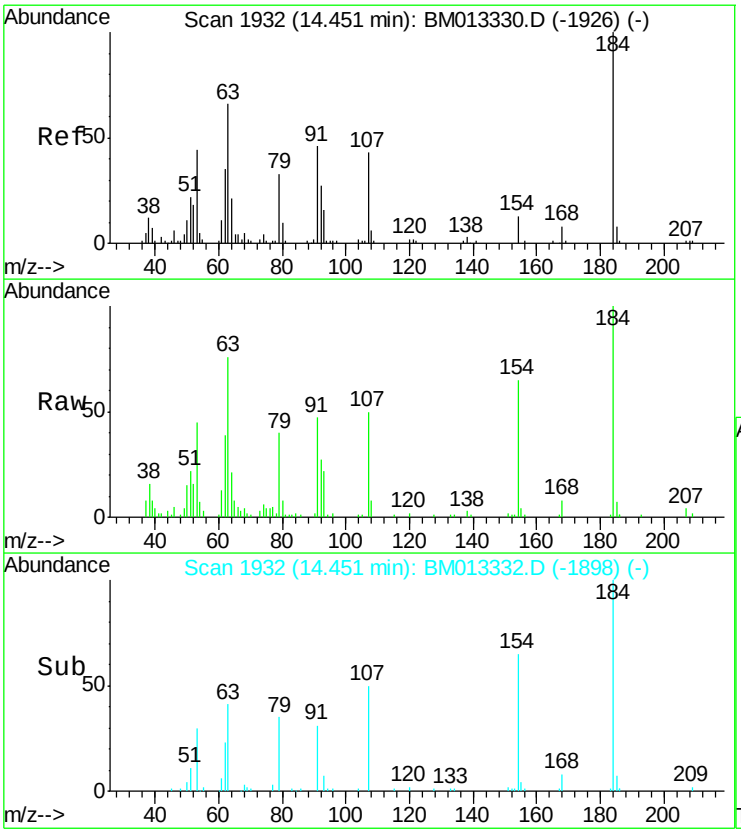

#49
Acenaphthene
Concen: 19.497 ng/ul
RT: 14.39 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion:153 Resp: 677625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 47.1 | 37.6 | 56.4 |
| 154 | 88.0 | 70.4 | 105.6 |

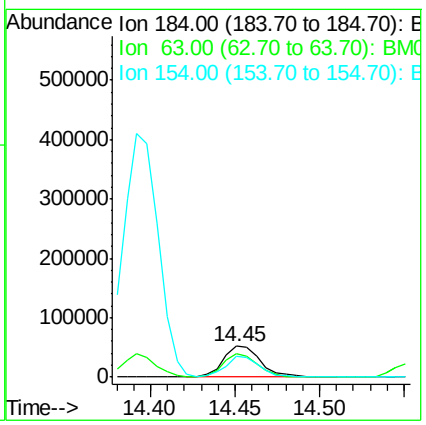


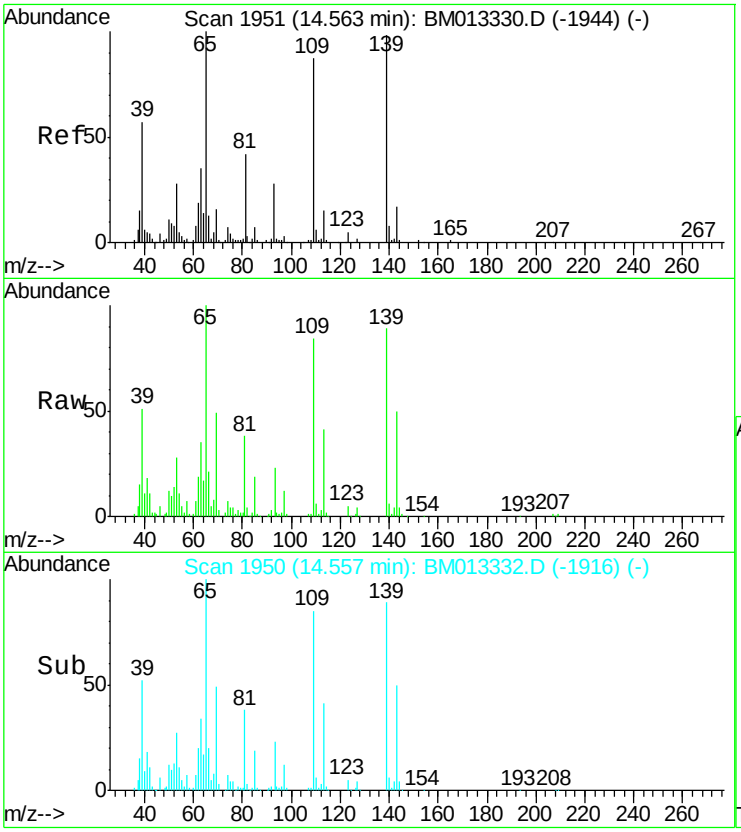




#50
2,4-Dinitrophenol
Concen: 16.525 ng/ul
RT: 14.45 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion:184 Resp: 79694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 75.7 | 50.1 | 75.1# |
| 154 | 65.4 | 54.5 | 81.7 |



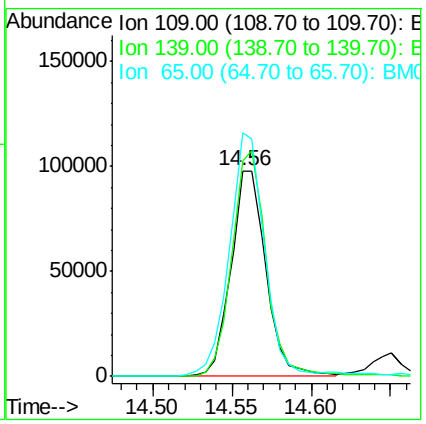


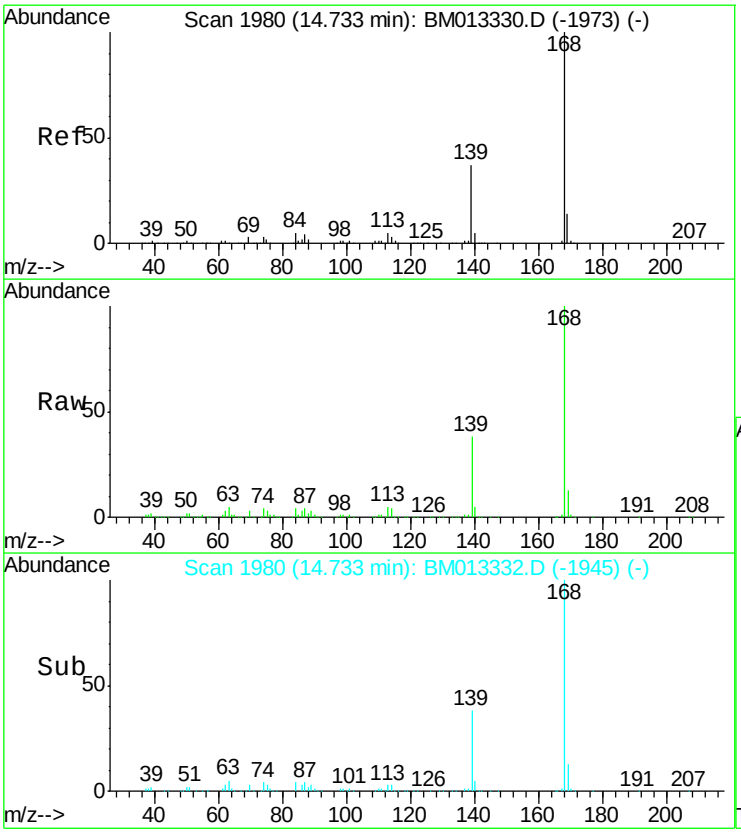

#52
4-Nitrophenol
Concen: 19.632 ng/ul
RT: 14.56 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion:109 Resp: 149498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 109 | 100 | | |
| 139 | 105.0 | 80.0 | 120.0 |
| 65 | 118.5 | 120.0 | 180.0# |

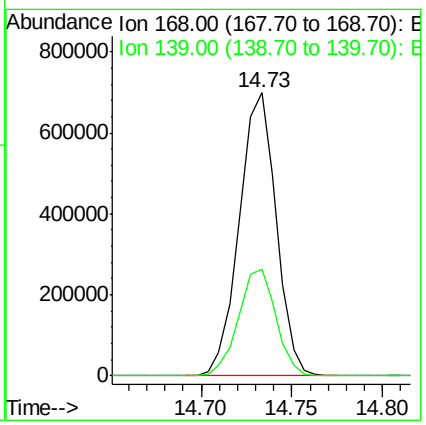


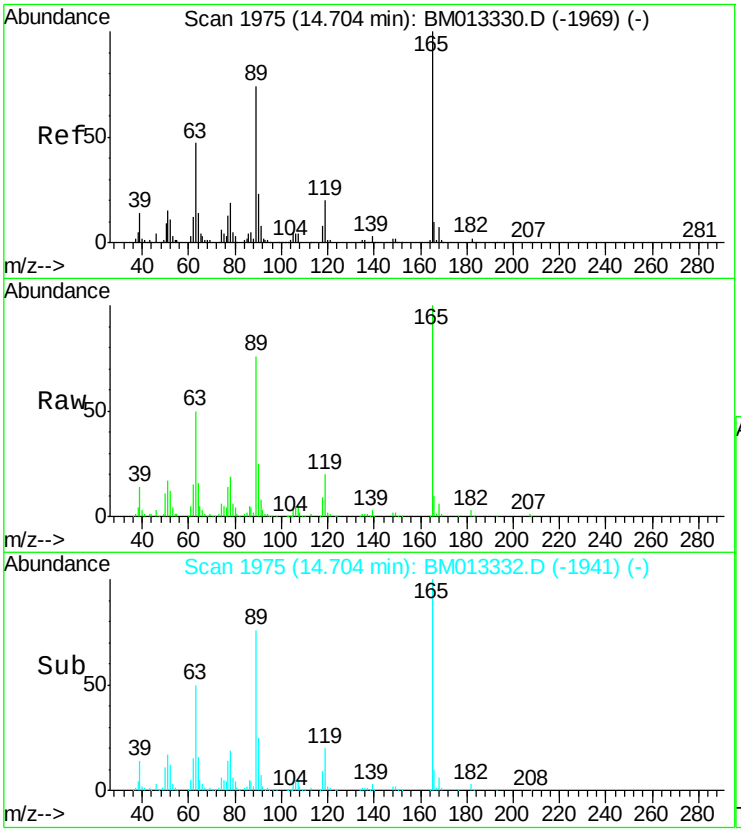




#53
Dibenzofuran
Concen: 19.247 ng/ul
RT: 14.73 min Scan# 1980
Delta R.T. 0.01 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion:168 Resp: 987520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.9 | 30.8 | 46.2 |



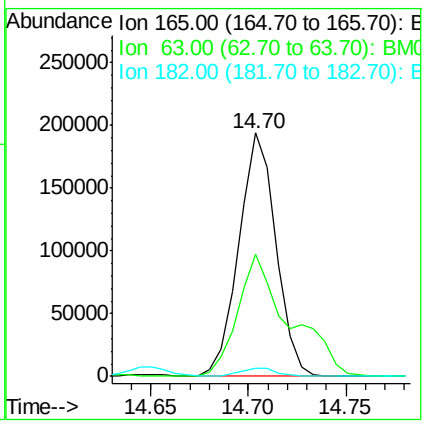


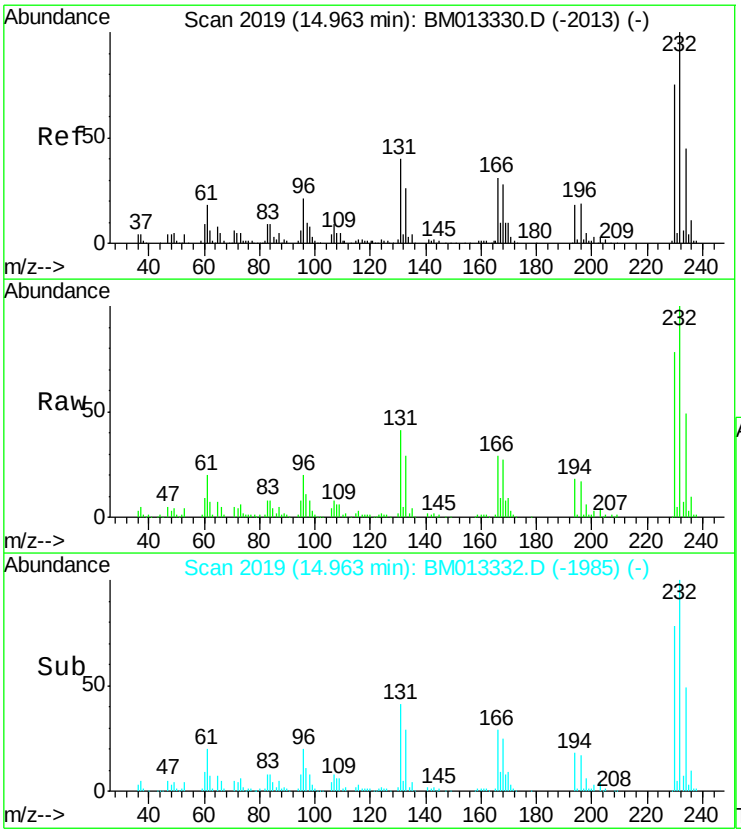

#54
2,4-Dinitrotoluene
Concen: 20.149 ng/ul
RT: 14.70 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion:165 Resp: 255439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 50.0 | 45.8 | 68.8 |
| 182 | 3.4 | 2.6 | 4.0 |

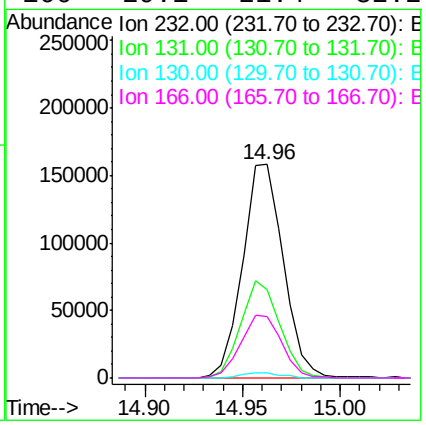


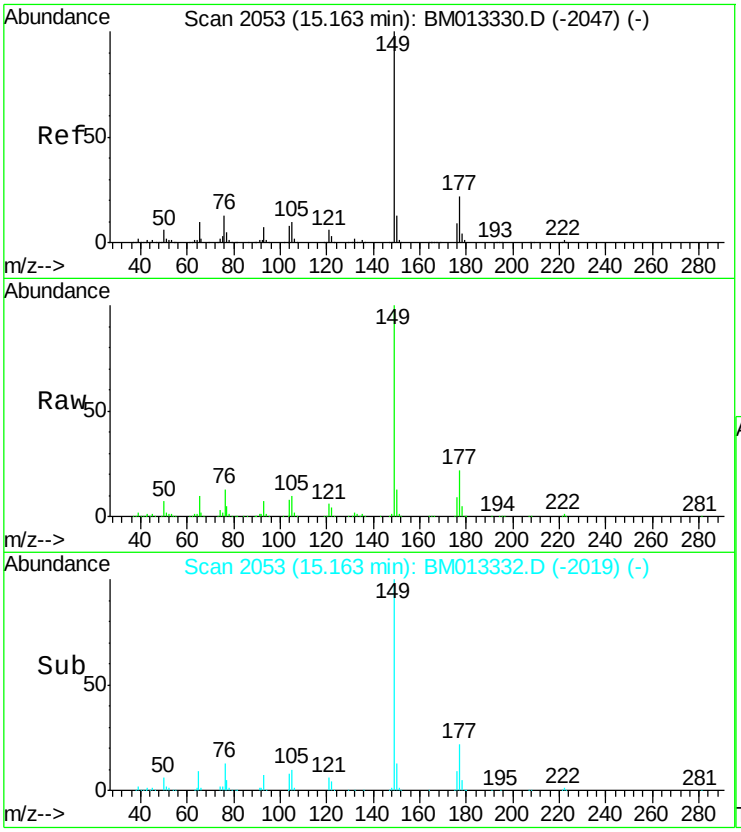




#55
2,3,4,6-Tetrachlorophenol
Concen: 20.836 ng/ul
RT: 14.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion:232 Resp: 229189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 41.1 | 29.0 | 43.4 |
| 130 | 2.5 | 2.0 | 3.0 |
| 166 | 29.1 | 21.4 | 32.2 |



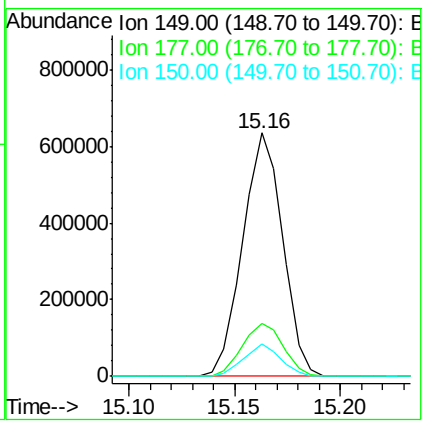


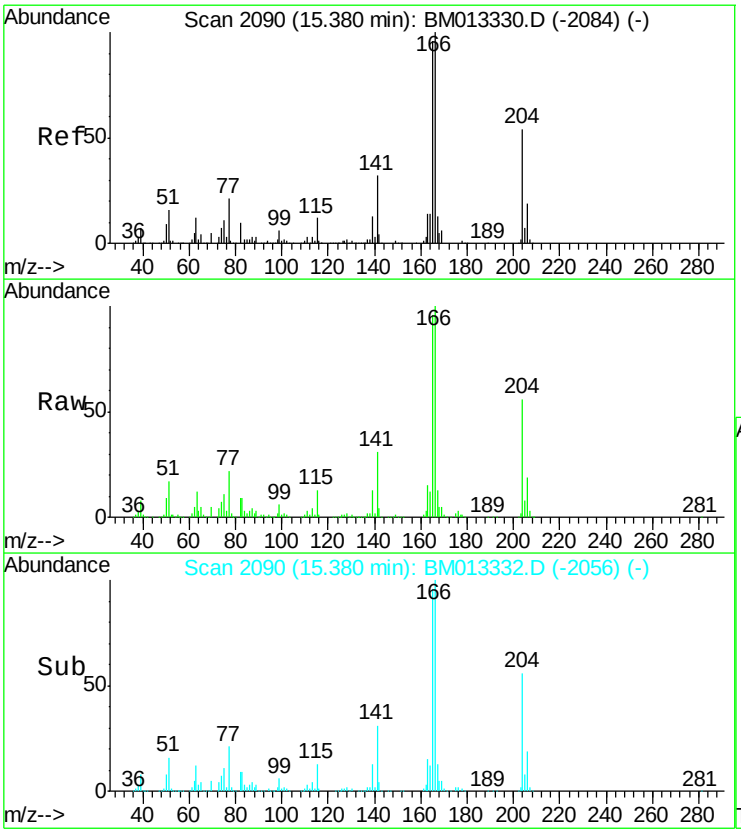

#56
Diethylphthalate
Concen: 19.544 ng/ul
RT: 15.16 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion:149 Resp: 837593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.8 | 20.5 | 30.7 |
| 150 | 13.2 | 10.6 | 15.8 |

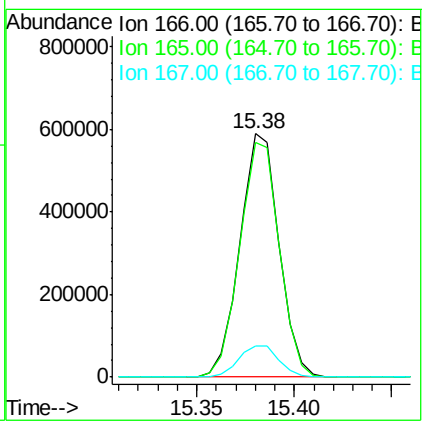


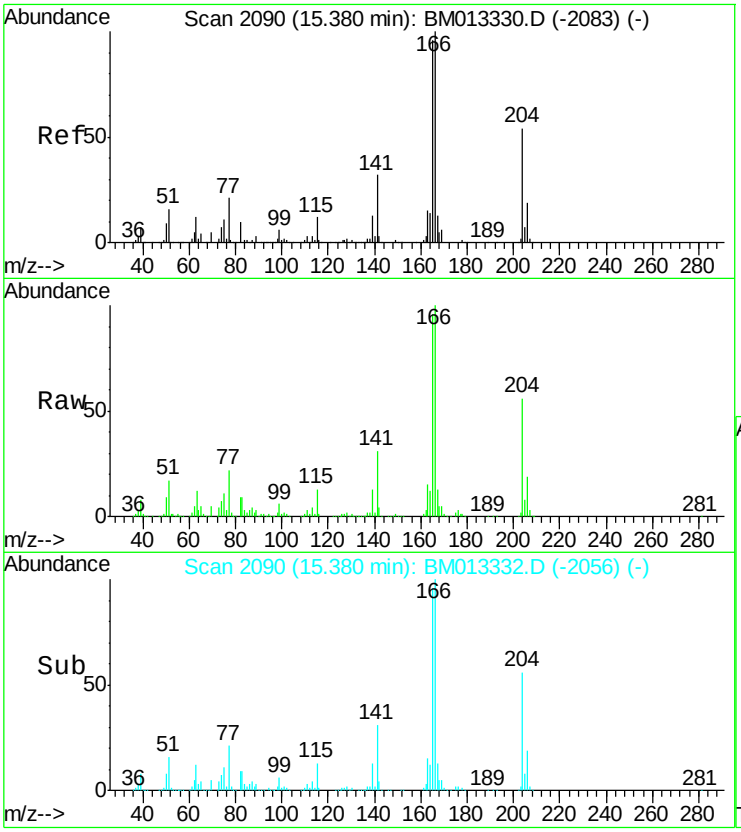




#58
Fluorene
Concen: 19.252 ng/ul
RT: 15.38 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion:166 Resp: 817196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 96.4 | 77.9 | 116.9 |
| 167 | 13.0 | 10.6 | 16.0 |



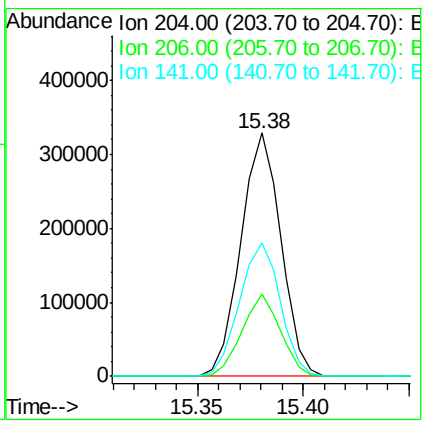


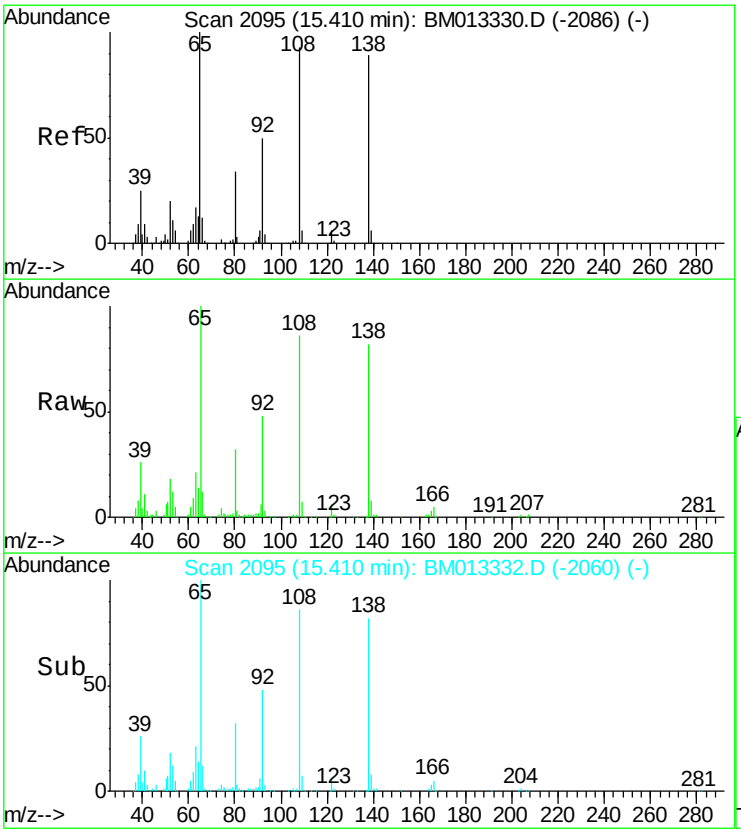

#59
4-Chlorophenyl-phenylether
Concen: 18.874 ng/ul
RT: 15.38 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion:204 Resp: 434822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.7 | 24.8 | 37.2 |
| 141 | 54.7 | 44.3 | 66.5 |

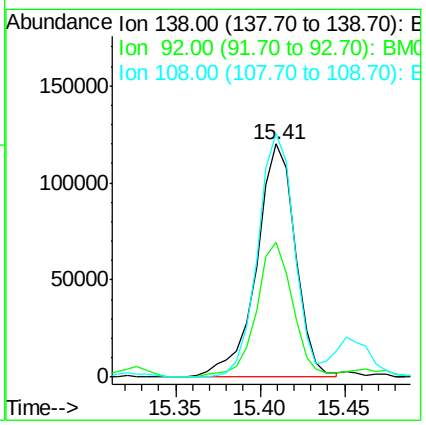


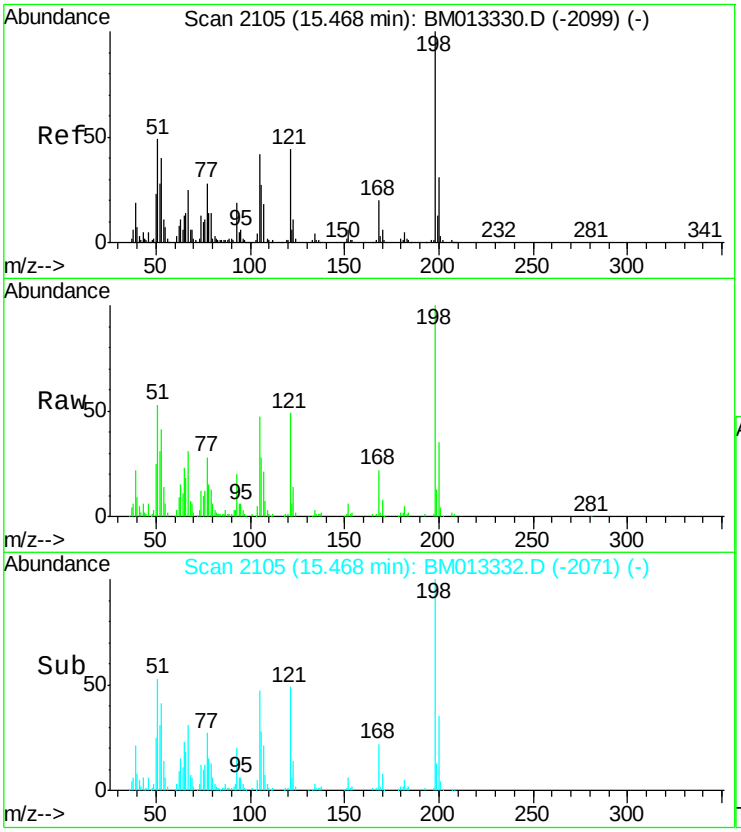




#60
4-Nitroaniline
Concen: 20.751 ng/ul
RT: 15.41 min Scan# 2095
Delta R.T. 0.01 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion:138 Resp: 190714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 57.8 | 40.0 | 60.0 |
| 108 | 104.5 | 80.0 | 120.0 |



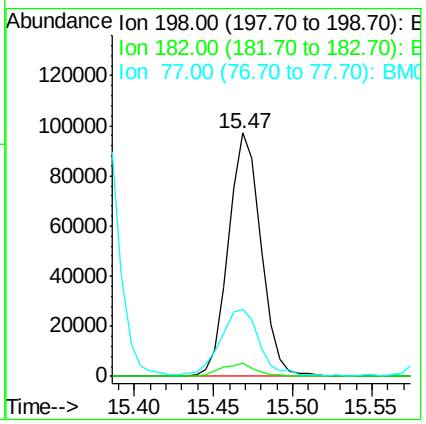


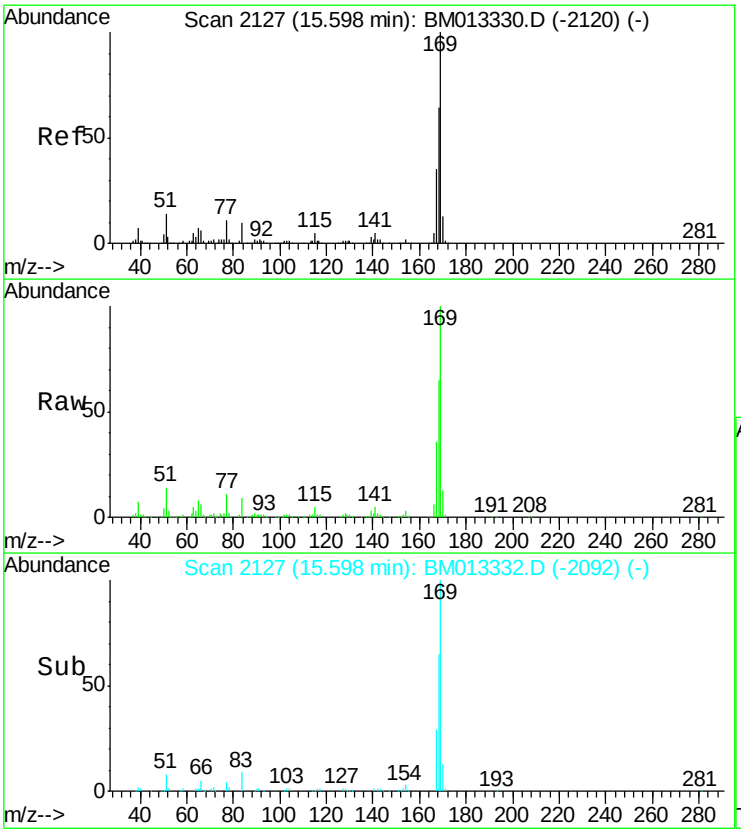

#63
4,6-Dinitro-2-methylphenol
Concen: 17.624 ng/ul
RT: 15.47 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion:198 Resp: 138275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 182 | 5.4 | 3.8 | 5.6 |
| 77 | 27.6 | 25.2 | 37.8 |

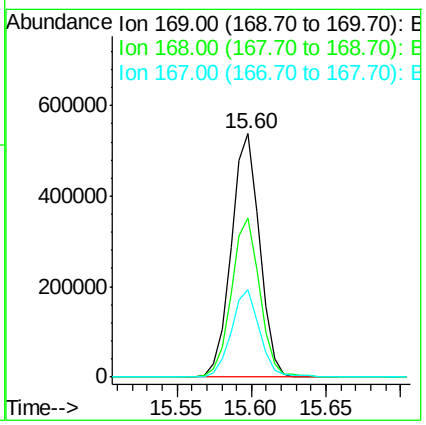


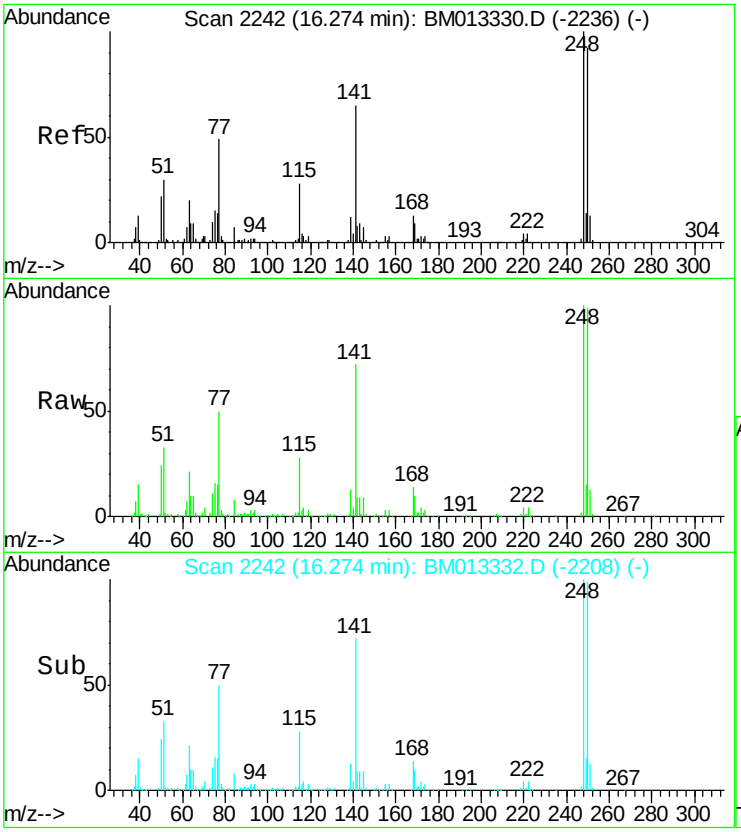




#64
N-Nitrosodiphenylamine
Concen: 19.380 ng/ul
RT: 15.60 min Scan# 2127
Delta R.T. 0.01 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion:169 Resp: 712494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.2 | 54.0 | 81.0 |
| 167 | 36.1 | 29.1 | 43.7 |



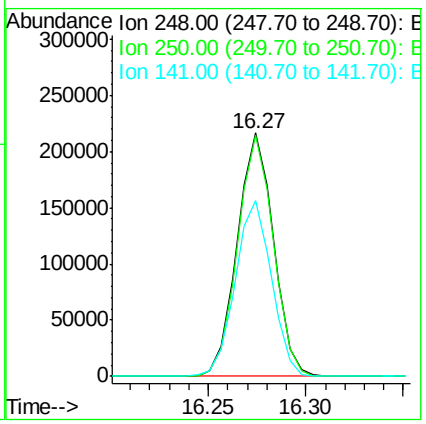


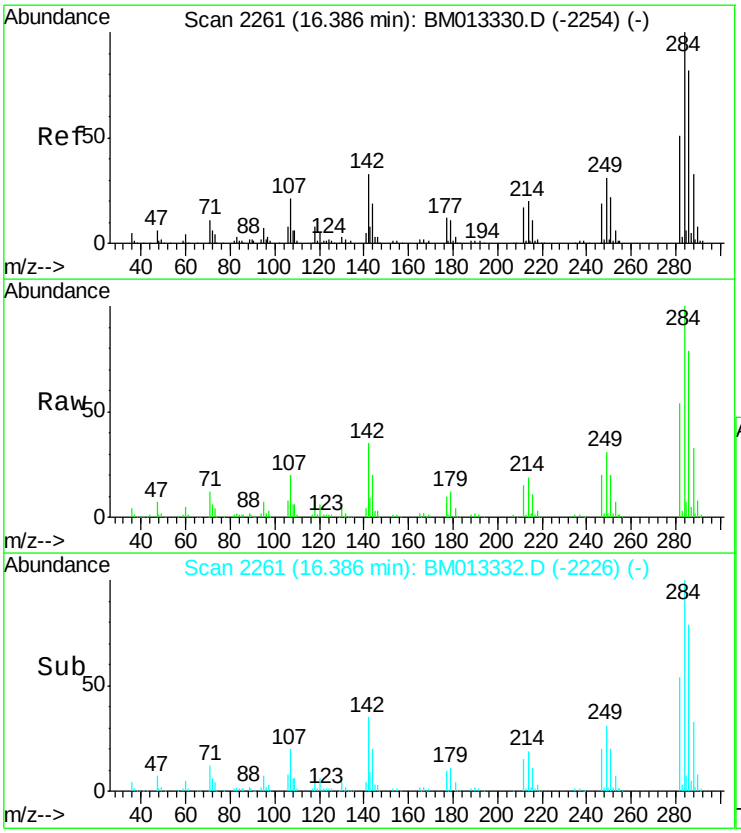

#65
4-Bromophenyl-phenylether
Concen: 19.025 ng/ul
RT: 16.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion:248 Resp: 279124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 99.1 | 80.5 | 120.7 |
| 141 | 72.4 | 53.6 | 80.4 |

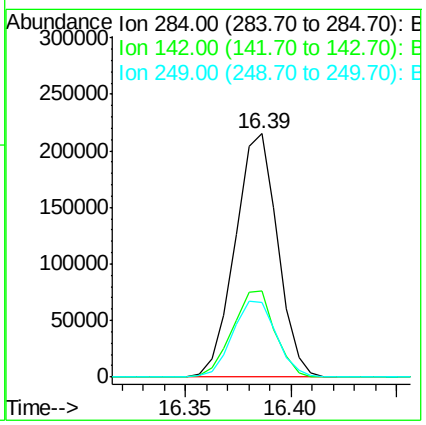


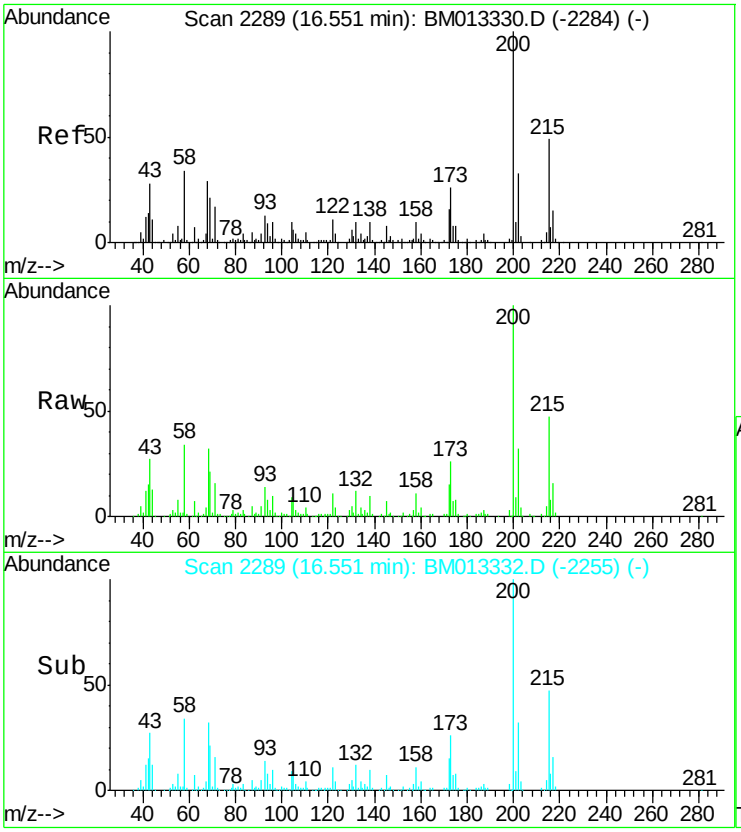




#66
Hexachlorobenzene
Concen: 18.577 ng/ul
RT: 16.39 min Scan# 2261
Delta R.T. 0.01 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion:284 Resp: 300564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 35.4 | 21.2 | 31.8# |
| 249 | 30.9 | 24.5 | 36.7 |



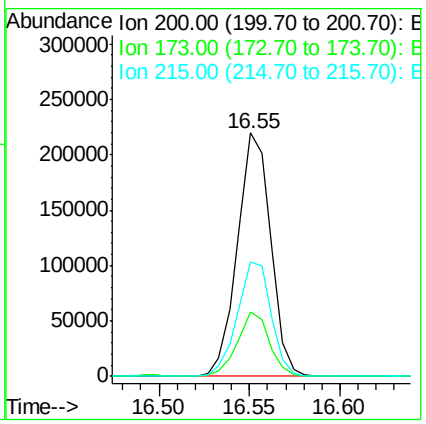


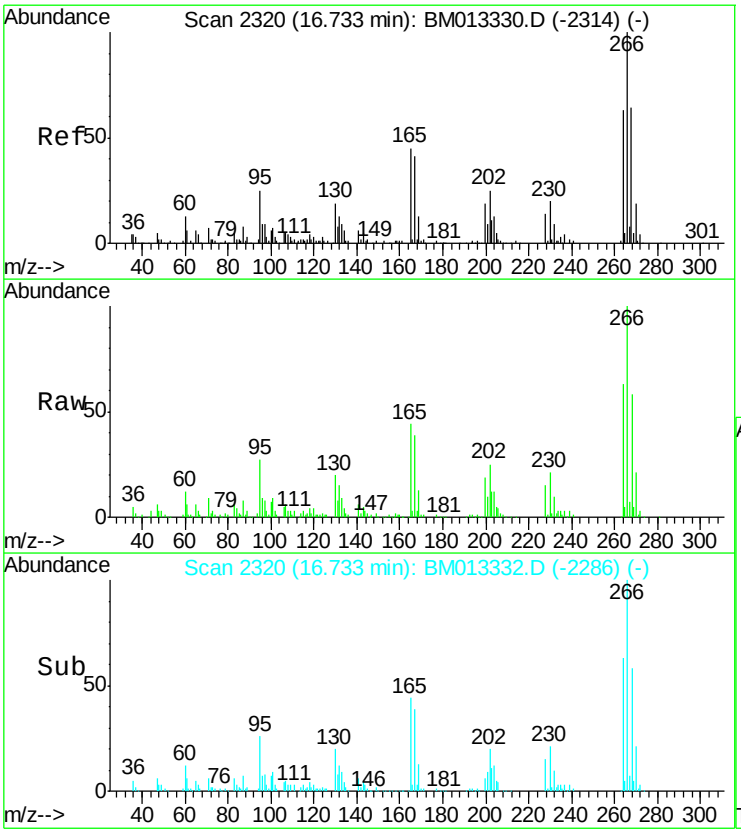

#67
Atrazine
Concen: 20.667 ng/ul
RT: 16.55 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion:200 Resp: 280458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.3 | 18.2 | 27.2 |
| 215 | 47.1 | 35.0 | 52.4 |

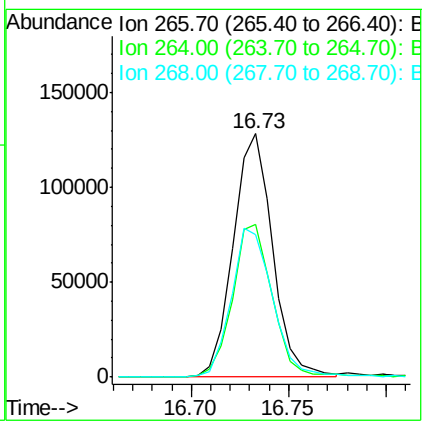


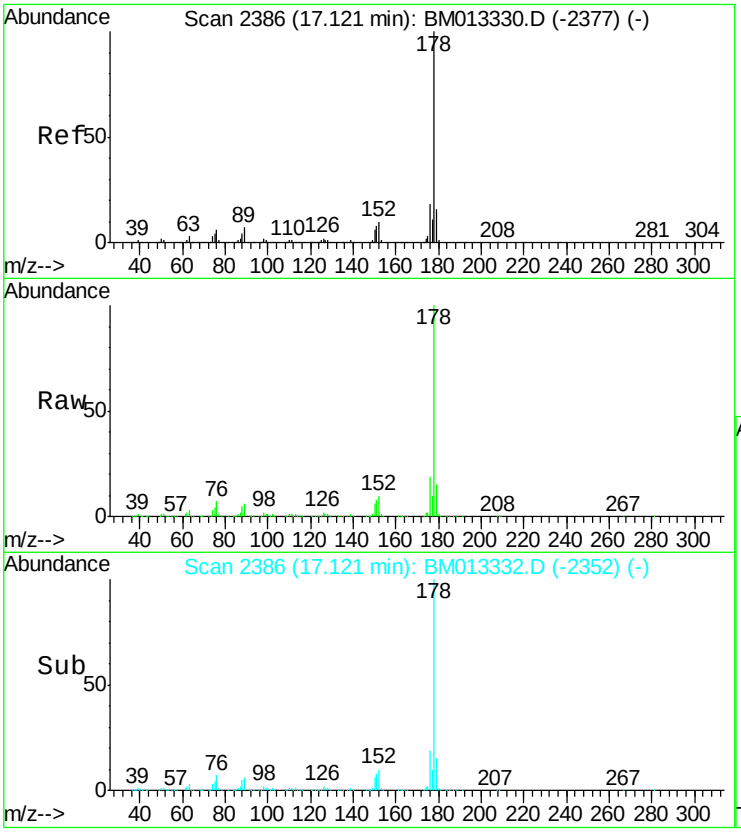




#68
Pentachlorophenol
Concen: 19.152 ng/ul
RT: 16.73 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion:266 Resp: 179221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 62.8 | 49.3 | 73.9 |
| 268 | 58.5 | 52.6 | 78.8 |



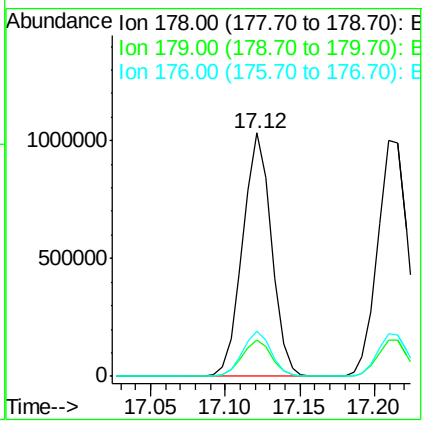


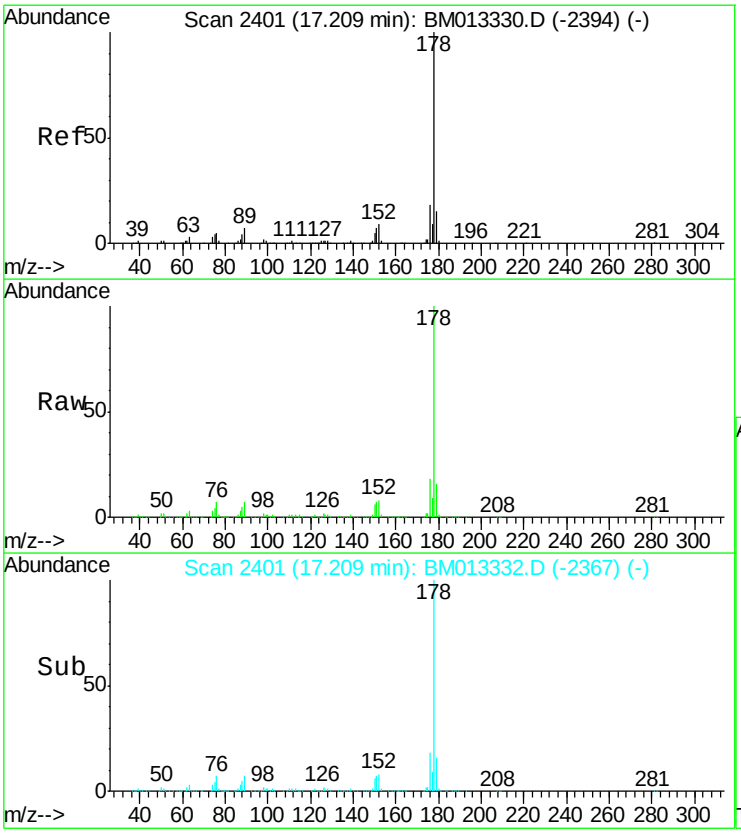

#69
Phenanthrene
Concen: 19.428 ng/ul
RT: 17.12 min Scan# 2386
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion:178 Resp: 1377557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.0 | 12.6 | 19.0 |
| 176 | 18.6 | 14.9 | 22.3 |

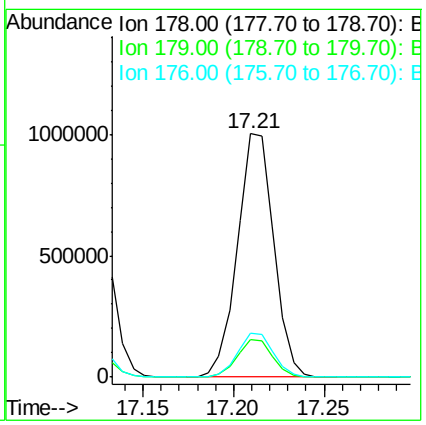


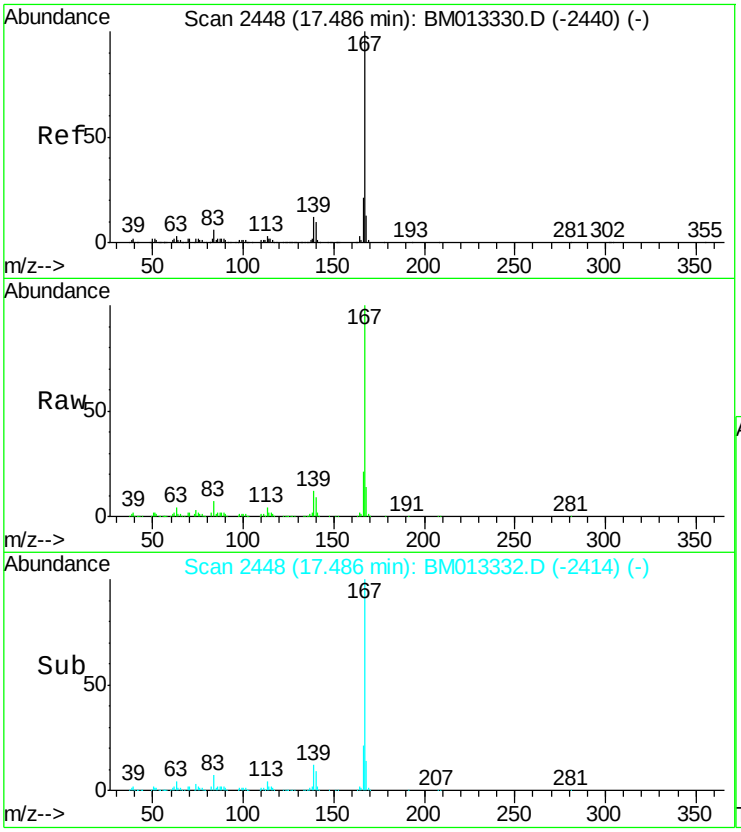




#71
Anthracene
Concen: 19.249 ng/ul
RT: 17.21 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion:178 Resp: 1395108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.6 | 11.7 | 17.5 |
| 176 | 18.0 | 14.6 | 21.8 |



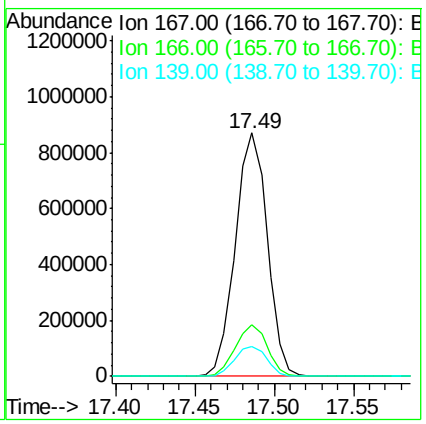


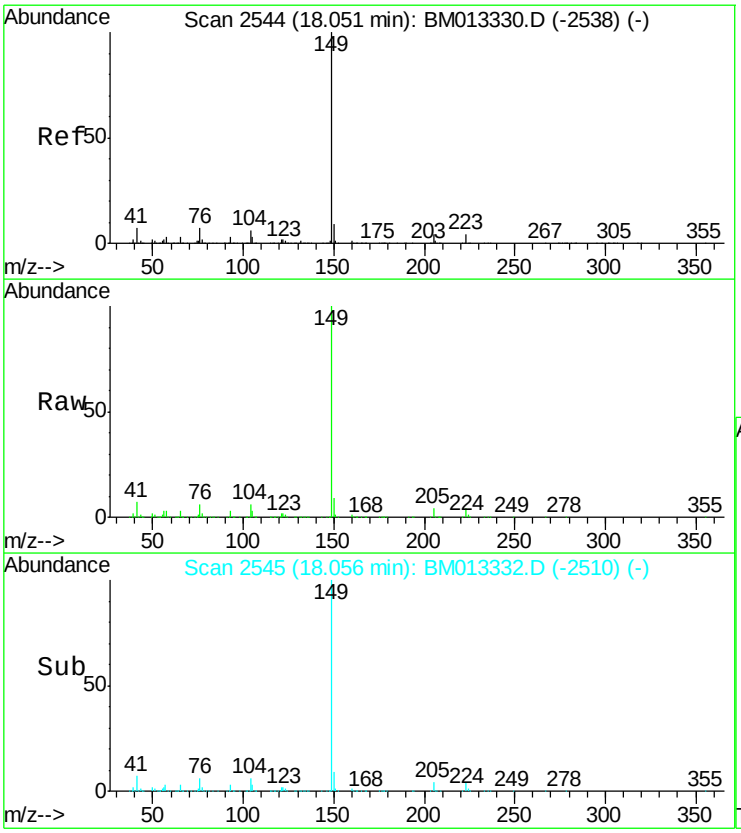

#72
Carbazole
Concen: 19.602 ng/ul
RT: 17.49 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion:167 Resp: 1221968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.0 | 17.1 | 25.7 |
| 139 | 12.4 | 10.0 | 15.0 |

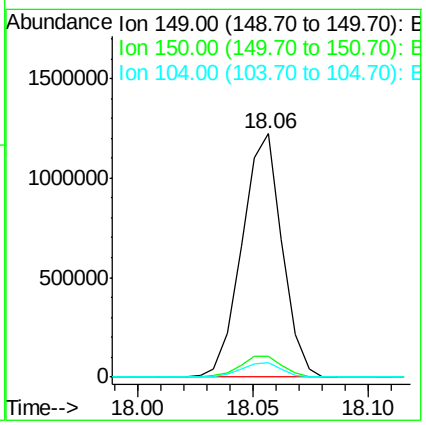


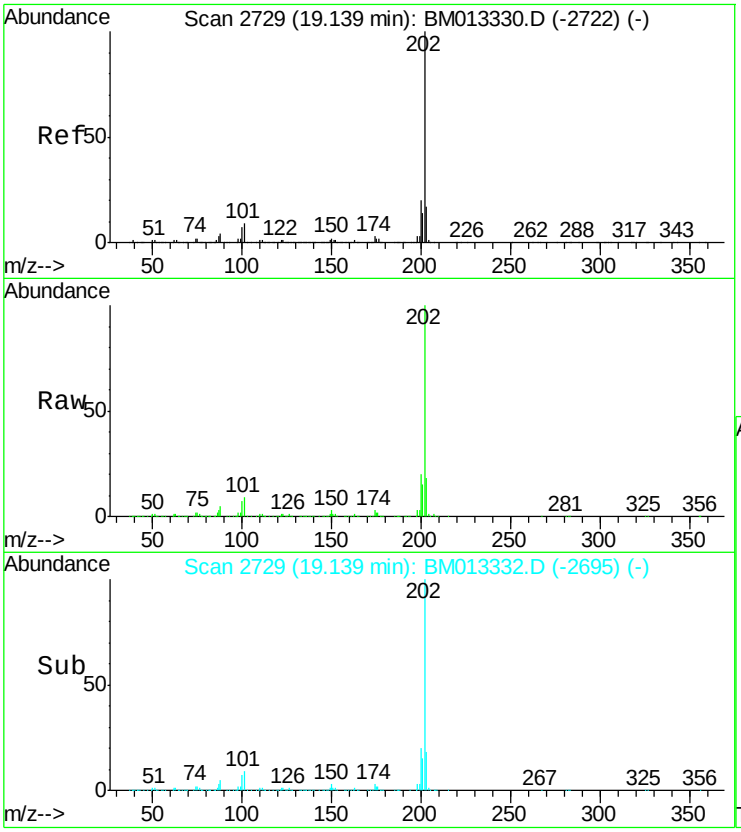




#73
Di-n-butylphthalate
Concen: 20.407 ng/ul
RT: 18.06 min Scan# 2545
Delta R.T. 0.01 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion:149 Resp: 1485106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 8.8 | 7.1 | 10.7 |
| 104 | 5.9 | 5.6 | 8.4 |



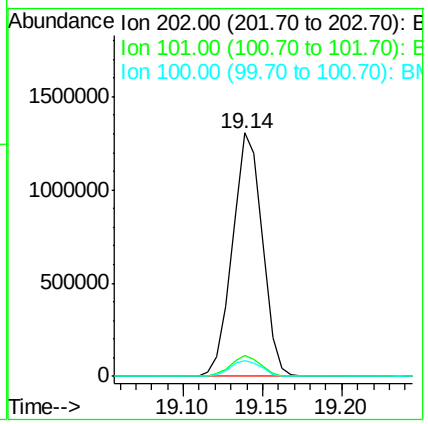


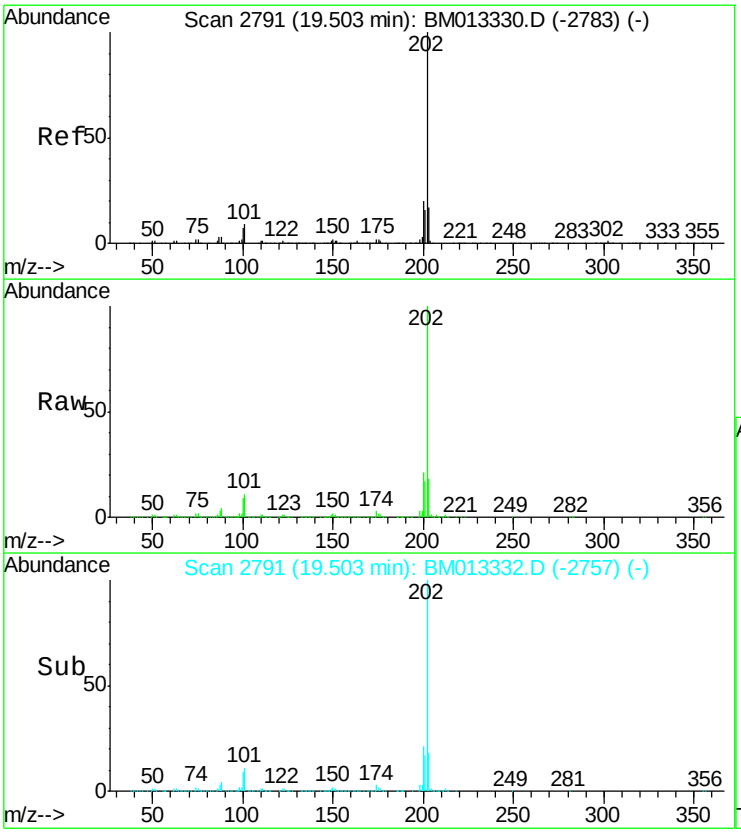

#74
Fluoranthene
Concen: 19.497 ng/ul
RT: 19.14 min Scan# 2729
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion:202 Resp: 1694123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.7 | 4.6 | 7.0# |
| 100 | 6.7 | 3.4 | 5.2# |

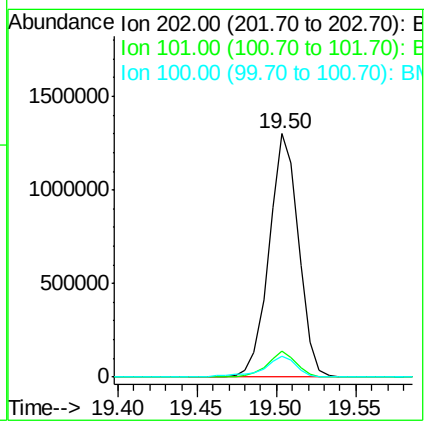


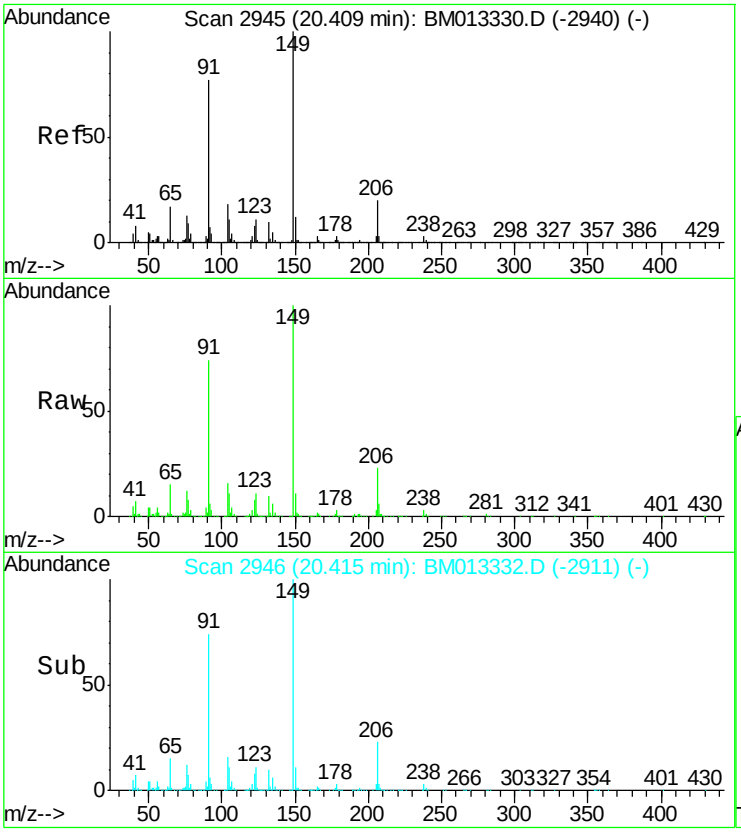




#77
Pyrene
Concen: 20.964 ng/ul
RT: 19.50 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion:202 Resp: 1687259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.6 | 5.1 | 7.7# |
| 100 | 8.6 | 4.9 | 7.3# |



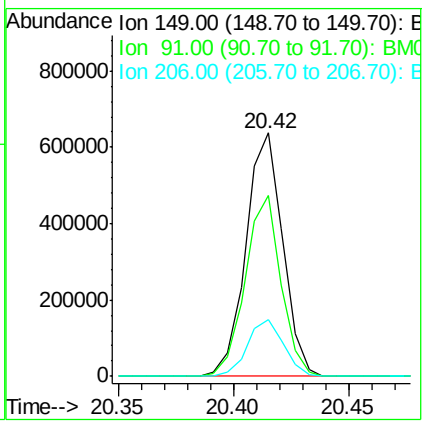


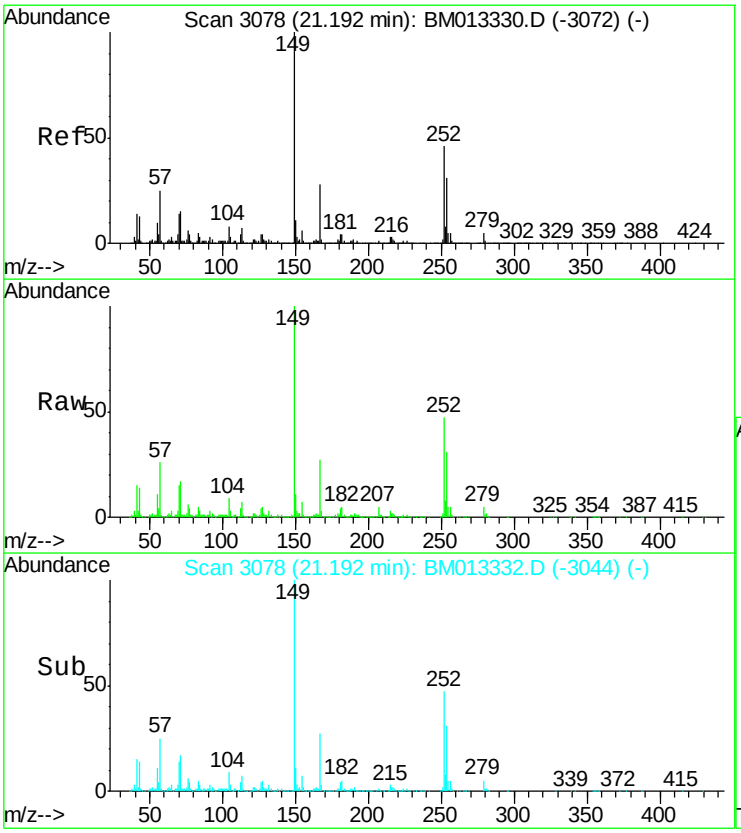

#78
Butylbenzylphthalate
Concen: 22.506 ng/ul
RT: 20.42 min Scan# 2946
Delta R.T. 0.01 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion:149 Resp: 707732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 74.0 | 62.7 | 94.1 |
| 206 | 23.1 | 20.8 | 31.2 |

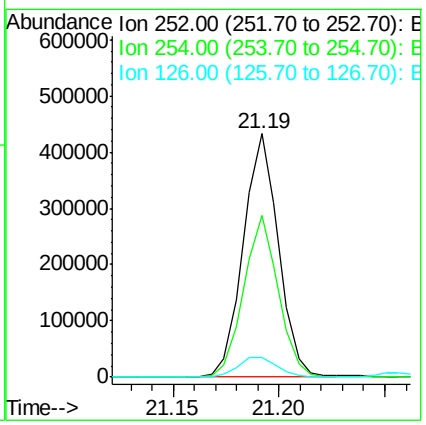


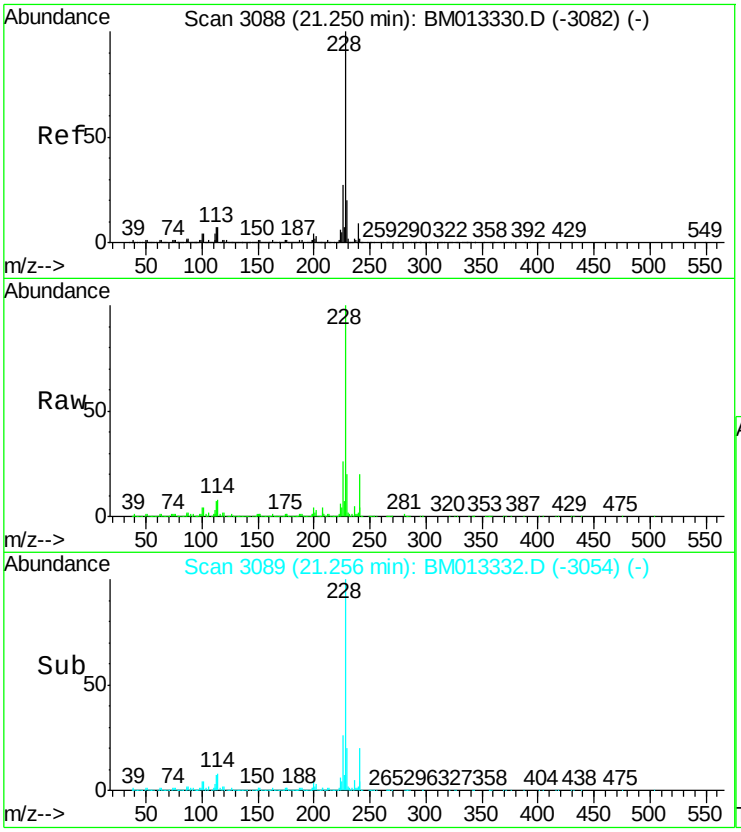




#79
3,3'-Dichlorobenzidine
Concen: 17.938 ng/ul
RT: 21.19 min Scan# 3078
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion:252 Resp: 499544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 66.5 | 54.5 | 81.7 |
| 126 | 8.3 | 5.8 | 8.8 |



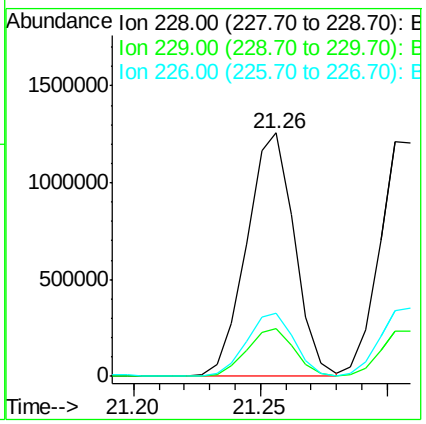


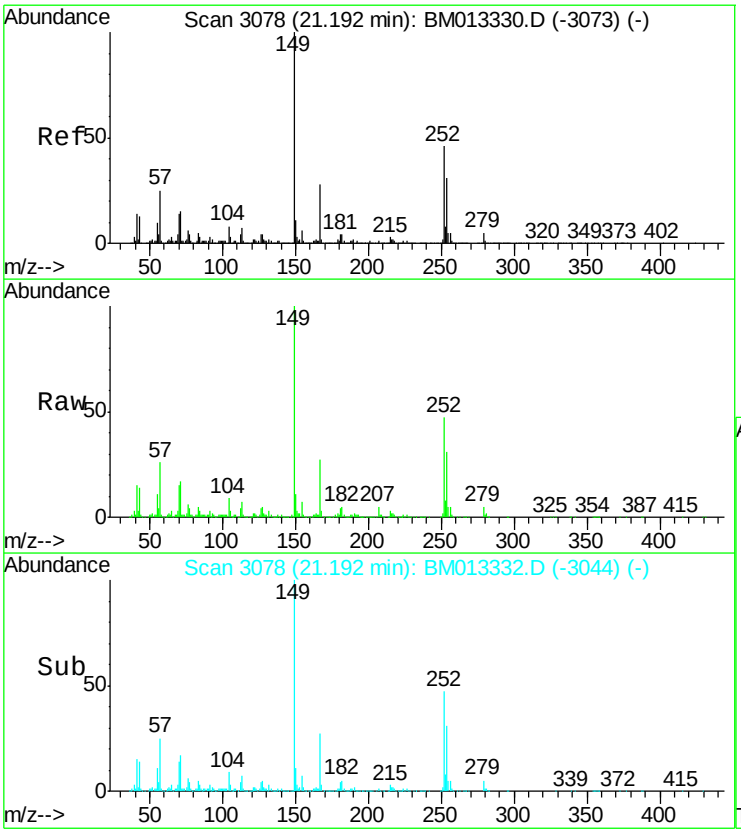

#80
Benzo(a)anthracene
Concen: 19.569 ng/ul
RT: 21.26 min Scan# 3089
Delta R.T. 0.01 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion:228 Resp: 1644780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 19.6 | 15.4 | 23.0 |
| 226 | 26.2 | 21.4 | 32.0 |

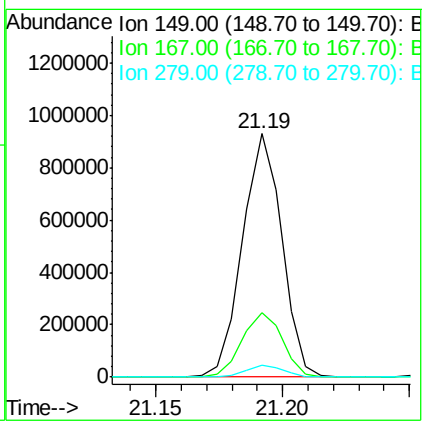


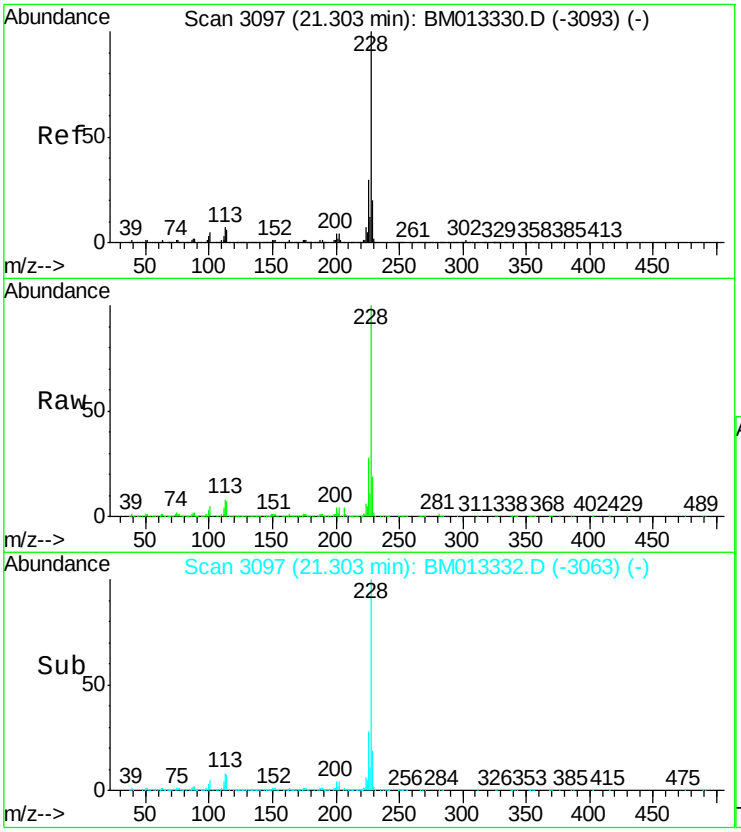




#81
Bis(2-ethylhexyl)phthalate
Concen: 21.180 ng/ul
RT: 21.19 min Scan# 3078
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion:149 Resp: 1003882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.7 | 22.8 | 34.2 |
| 279 | 4.7 | 4.9 | 7.3# |



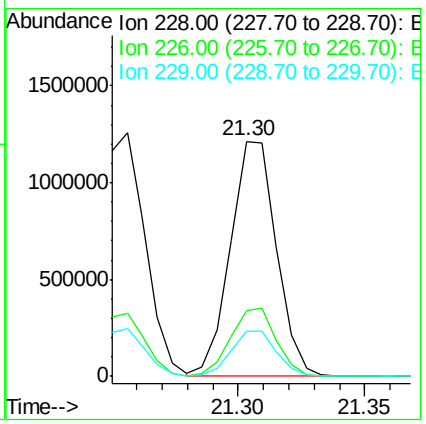


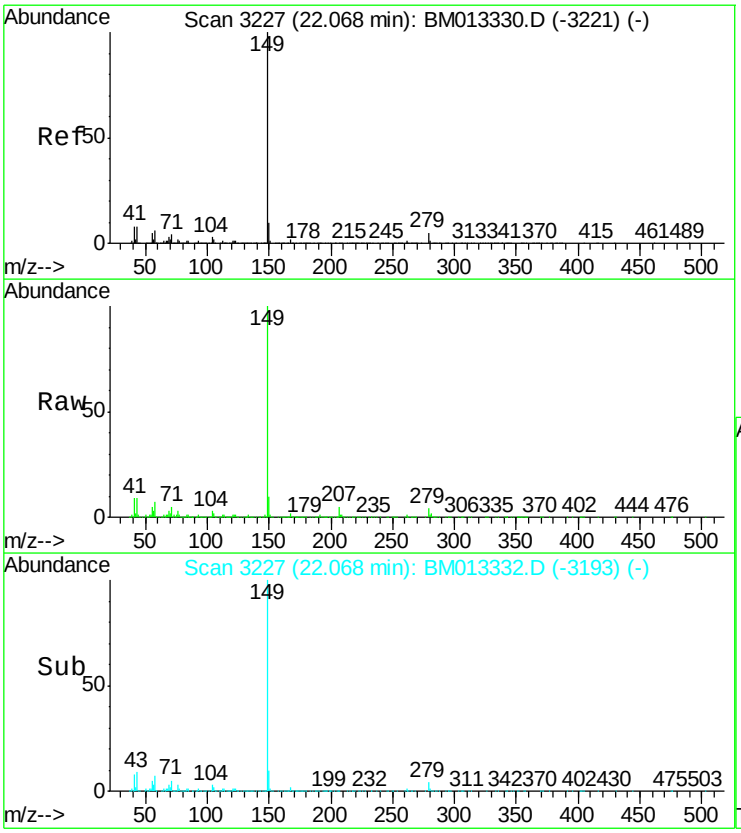

#82
Chrysene
Concen: 19.584 ng/ul
RT: 21.30 min Scan# 3097
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion:228 Resp: 1527167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.8 | 23.4 | 35.2 |
| 229 | 19.4 | 15.5 | 23.3 |

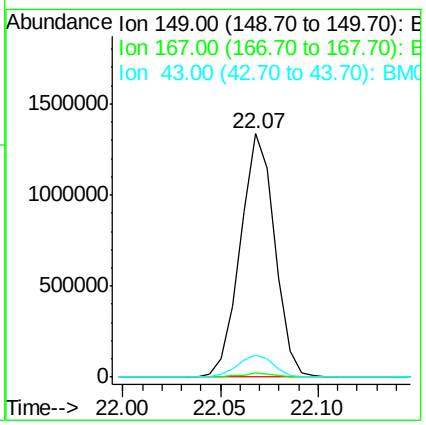


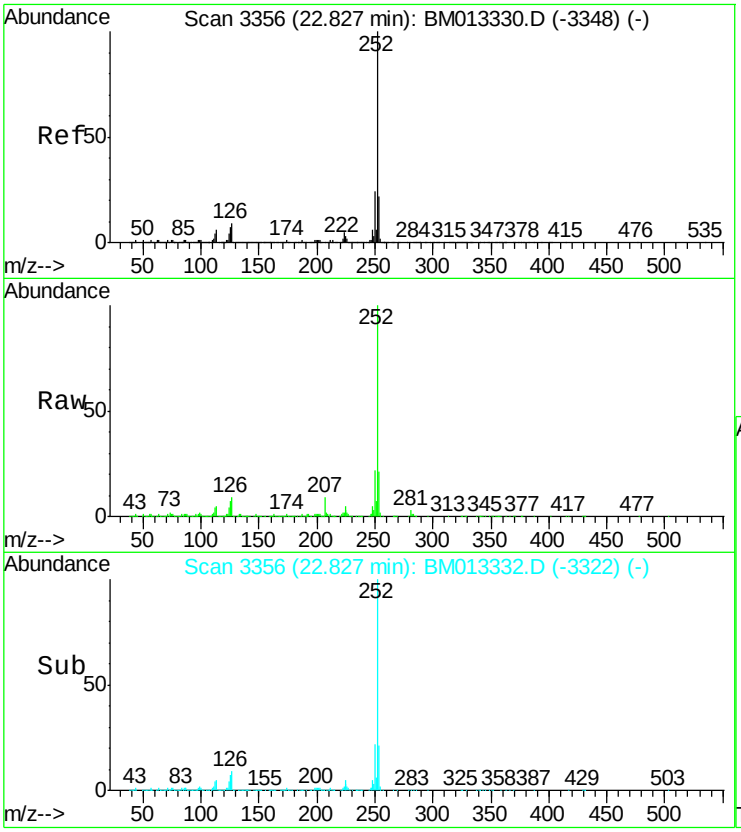




#84
Di-n-octyl phthalate
Concen: 21.090 ng/ul
RT: 22.07 min Scan# 3227
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion:149 Resp: 1626421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.3 | 1.9 |
| 43 | 8.9 | 7.3 | 10.9 |



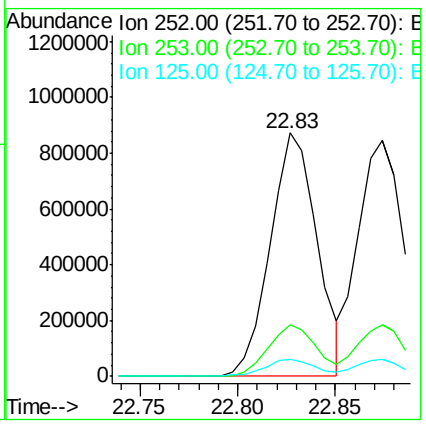


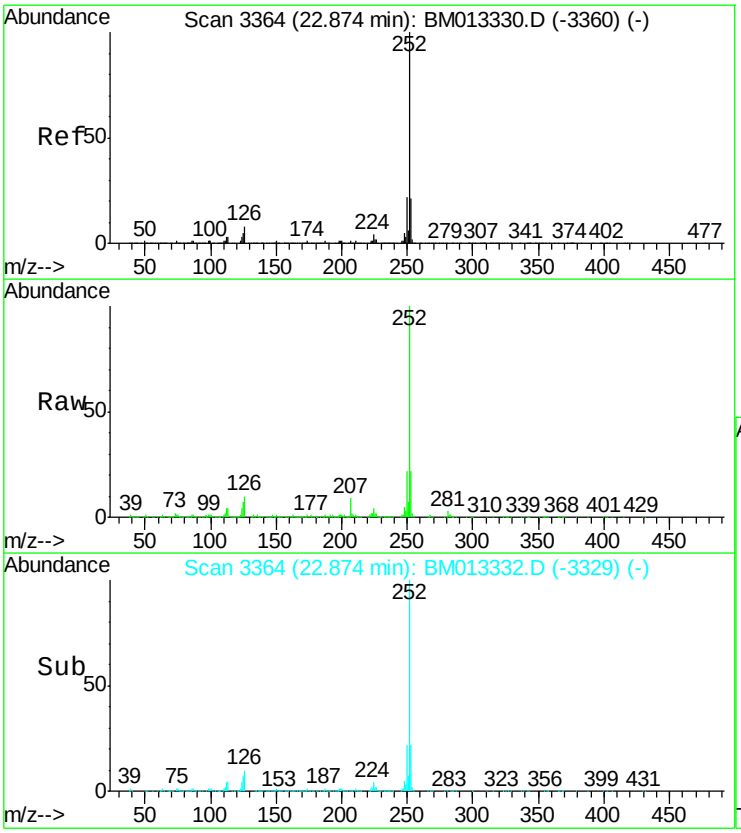

#85
Benzo(b)fluoranthene
Concen: 19.838 ng/ul
RT: 22.83 min Scan# 3356
Delta R.T. -0.00 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion:252 Resp: 1450336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.1 | 17.9 | 26.9 |
| 125 | 7.2 | 3.6 | 5.4# |

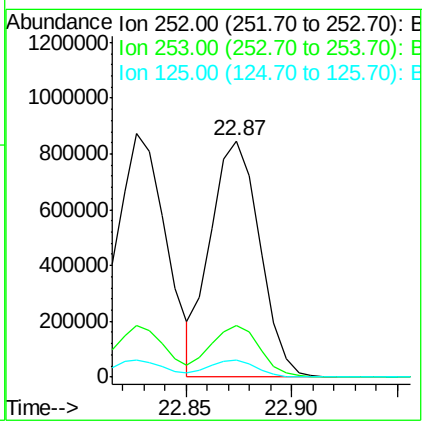


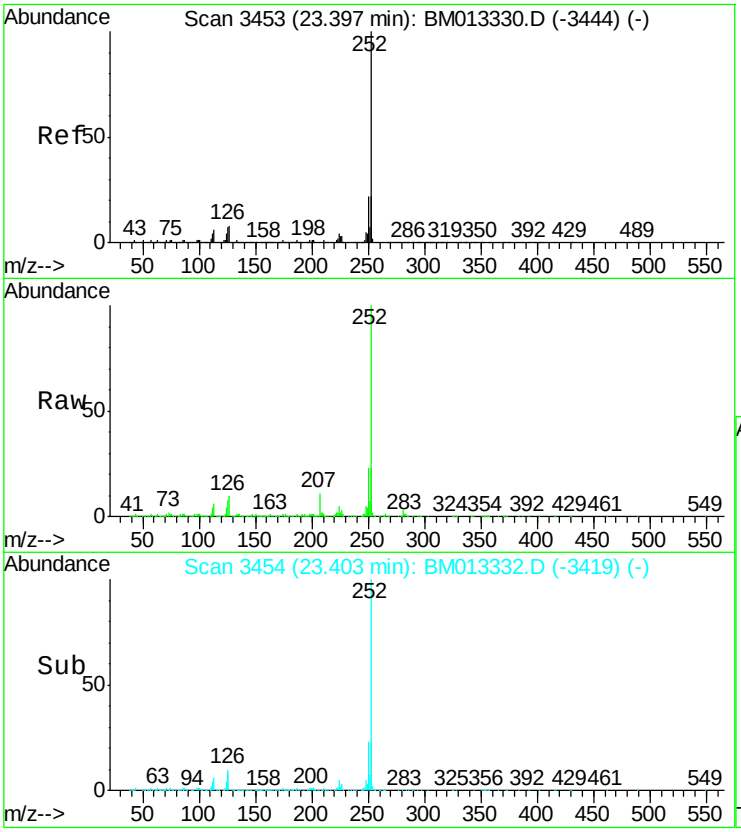




#86
Benzo(k)fluoranthene
Concen: 19.862 ng/ul
RT: 22.87 min Scan# 3364
Delta R.T. 0.01 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion:252 Resp: 1366464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 17.1 | 25.7 |
| 125 | 7.4 | 3.4 | 5.2# |



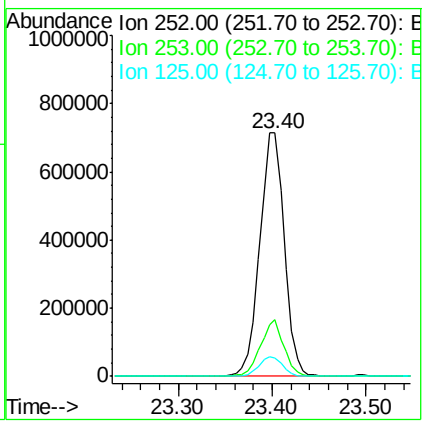


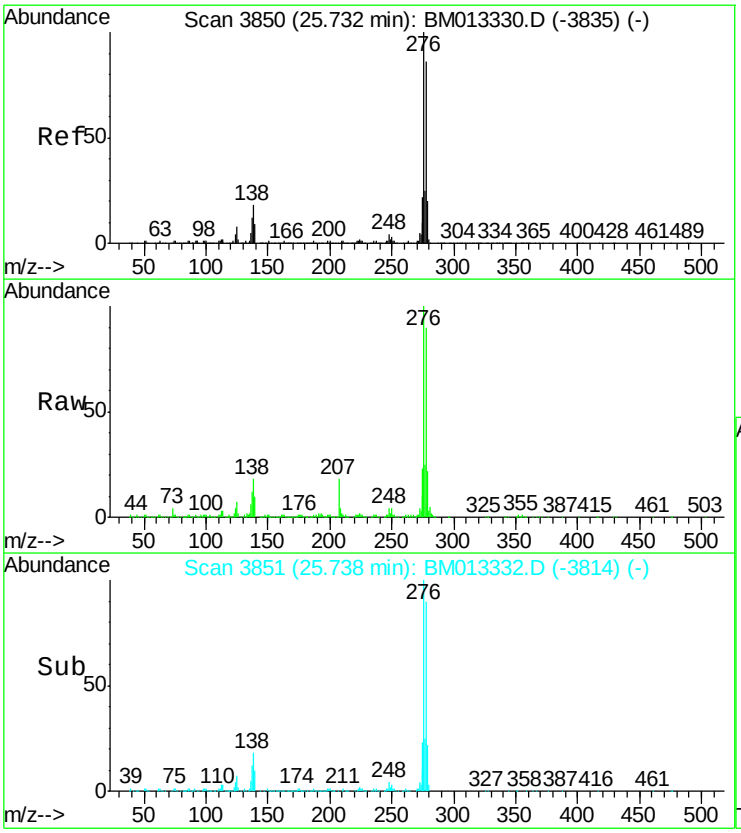

#88
Benzo(a)pyrene
Concen: 19.680 ng/ul
RT: 23.40 min Scan# 3454
Delta R.T. 0.01 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion:252 Resp: 1292443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.0 | 18.2 | 27.2 |
| 125 | 7.7 | 4.0 | 6.0# |

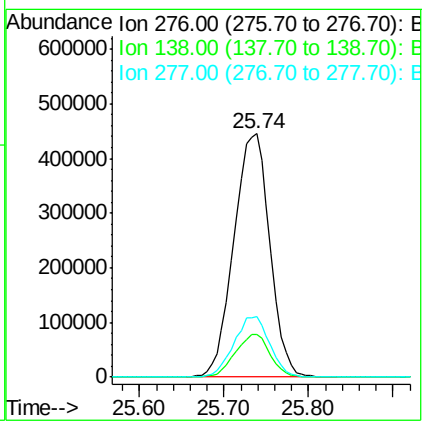


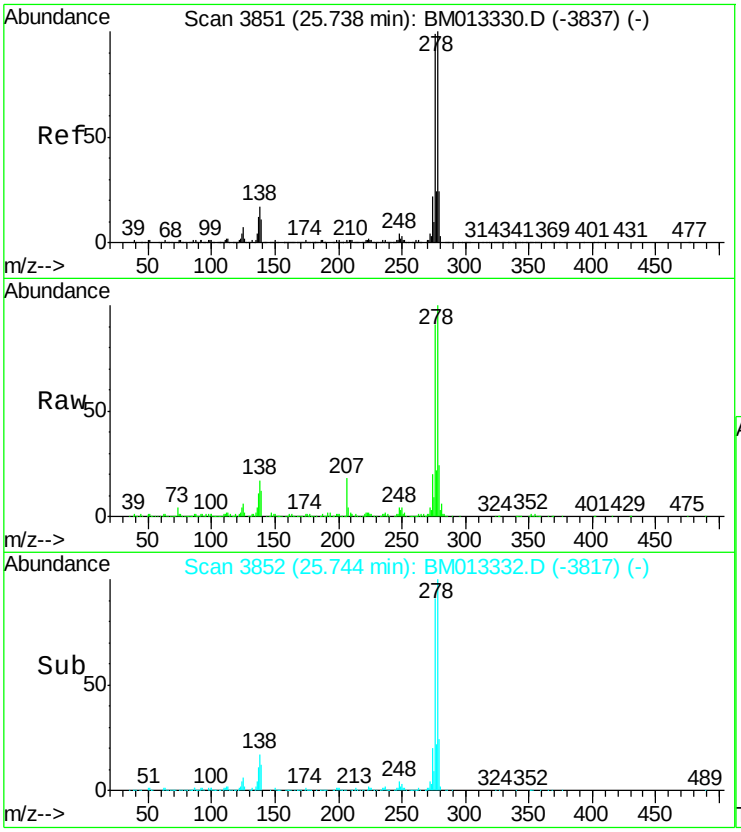




#89
Indeno(1,2,3-cd)pyrene
Concen: 20.177 ng/ul
RT: 25.74 min Scan# 3851
Delta R.T. 0.02 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion:276 Resp: 1314787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 17.7 | 9.3 | 13.9# |
| 277 | 24.9 | 19.9 | 29.9 |



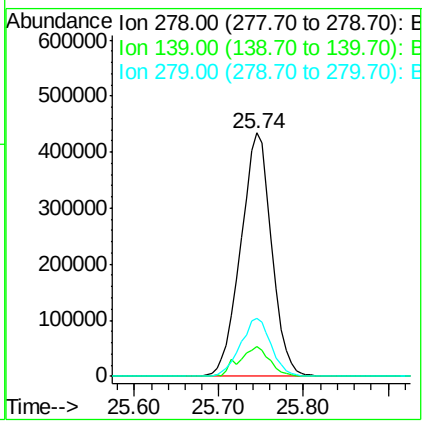


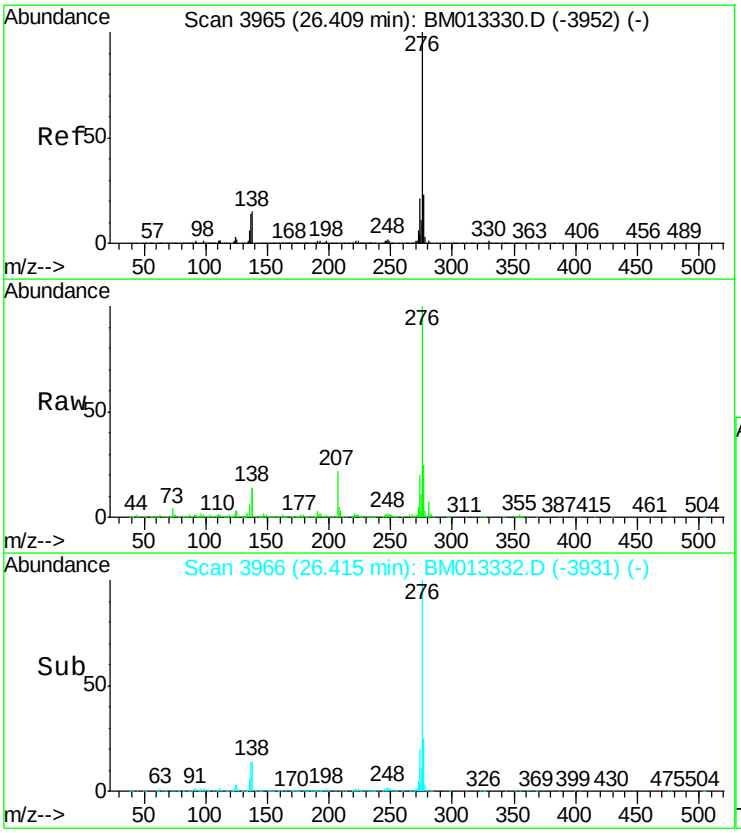

#90
Dibenzo(a,h)anthracene
Concen: 19.919 ng/ul
RT: 25.74 min Scan# 3852
Delta R.T. 0.01 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02029

Tgt Ion:278 Resp: 1105190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 12.3 | 5.8 | 8.8# |
| 279 | 23.9 | 18.6 | 27.8 |




#91
Benzo(g,h,i)perylene
Concen: 20.458 ng/ul
RT: 26.41 min Scan# 3966
Delta R.T. 0.01 min
Lab File: BM013332.D
Acq: 12 Dec 2017 07:52

Tgt Ion:276 Resp: 1051511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 13.6 | 8.5 | 12.7# |
| 277 | 24.7 | 18.6 | 28.0 |