

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\  
 Data File : BM014490.D  
 Acq On : 06 Mar 2018 01:35  
 Operator : SJ/JU  
 Sample : SSTDC0020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Mar 06 03:33:54 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Mar 05 23:57:03 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.50  | 152  | 92908    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.28 | 136  | 366188   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.17 | 164  | 202431   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.93 | 188  | 441767   | 20.00 | ng/ul | -0.01    |
| 75) Chrysene-d12          | 21.16 | 240  | 383129   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.33 | 264  | 352257   | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.09  | 96  | 12697  | 5.85  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.72  | 99  | 144445 | 18.40 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.86  | 67  | 89068  | 18.74 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.05  | 132 | 121363 | 20.16 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.25  | 113 | 112907 | 16.43 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.67  | 128 | 55252  | 20.42 | ng/ul | -0.01 |
| 22) 2-Nitrophenol-d4           | 9.39  | 143 | 61830  | 22.08 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 9.93  | 165 | 107657 | 18.56 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.45 | 131 | 124264 | 21.74 | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 13.59 | 166 | 329324 | 19.70 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 13.86 | 160 | 417276 | 20.24 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.50 | 143 | 52326  | 22.67 | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.17 | 176 | 273478 | 18.26 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.36 | 200 | 38746  | 14.62 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.03 | 188 | 414055 | 19.43 | ng/ul | 0.00  |
| 76) Pyrene-d10                 | 19.35 | 212 | 427559 | 21.64 | ng/ul | 0.00  |
| 87) Benzo(a)pyrene-d12         | 23.20 | 264 | 341298 | 19.91 | ng/ul | 0.00  |

## Target Compounds

|                                |       |     |        |        | Ovalue |    |
|--------------------------------|-------|-----|--------|--------|--------|----|
| 2) 1,4-Dioxane                 | 3.12  | 88  | 15562  | 6.453  | ng/uL# | 61 |
| 4) Benzaldehyde                | 6.67  | 77  | 73859  | 23.070 | ng/ul  | 99 |
| 6) Phenol                      | 6.75  | 94  | 146023 | 17.721 | ng/ul  | 94 |
| 8) Bis(2-Chloroethyl)ether     | 6.95  | 93  | 114805 | 19.203 | ng/ul  | 99 |
| 10) 2-Chlorophenol             | 7.08  | 128 | 122340 | 19.900 | ng/ul  | 98 |
| 11) 2-Methylphenol             | 7.97  | 108 | 103348 | 16.398 | ng/ul  | 92 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.03  | 45  | 116055 | 19.235 | ng/ul# | 82 |
| 14) Acetophenone               | 8.34  | 105 | 174959 | 14.759 | ng/ul# | 93 |
| 15) N-Nitroso-di-n-propylamine | 8.32  | 70  | 97419  | 16.400 | ng/ul# | 70 |
| 16) 4-Methylphenol             | 8.30  | 108 | 112850 | 16.431 | ng/ul  | 95 |
| 17) Hexachloroethane           | 8.55  | 117 | 58141  | 18.155 | ng/ul# | 70 |
| 20) Nitrobenzene               | 8.71  | 77  | 157035 | 19.622 | ng/ul  | 95 |
| 21) Isophorone                 | 9.23  | 82  | 260113 | 19.001 | ng/ul  | 95 |
| 23) 2-Nitrophenol              | 9.42  | 139 | 63108  | 20.803 | ng/ul  | 93 |
| 24) 2,4-Dimethylphenol         | 9.49  | 107 | 139943 | 18.816 | ng/ul  | 90 |
| 25) Bis(2-Chloroethoxy)methane | 9.72  | 93  | 144028 | 19.974 | ng/ul  | 93 |
| 27) 2,4-Dichlorophenol         | 9.96  | 162 | 102449 | 18.613 | ng/ul  | 94 |
| 28) Naphthalene                | 10.33 | 128 | 356765 | 18.969 | ng/ul  | 99 |
| 30) 4-Chloroaniline            | 10.47 | 127 | 119471 | 20.497 | ng/ul  | 89 |
| 31) Hexachlorobutadiene        | 10.59 | 225 | 80507  | 18.435 | ng/ul  | 94 |
| 32) Caprolactam                | 11.27 | 113 | 29192  | 16.558 | ng/ul# | 38 |
| 33) 4-Chloro-3-methylphenol    | 11.63 | 107 | 119056 | 17.901 | ng/ul  | 98 |
| 34) 2-Methylnaphthalene        | 11.95 | 142 | 252518 | 17.640 | ng/ul  | 91 |

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 Data File : BM014490.D  
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 Operator : SJ/JU  
 Sample : SSTDC0020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

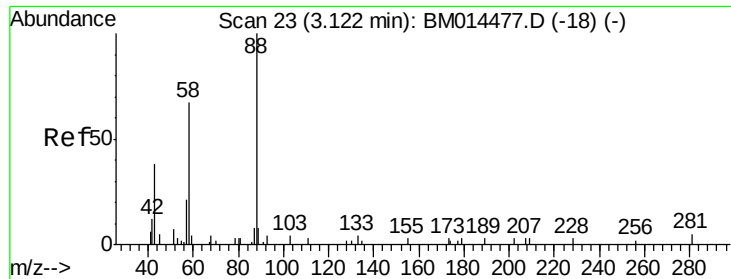
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Mar 06 03:33:54 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Mar 05 23:57:03 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.33 | 216  | 138397   | 21.298 | ng/ul# | 97       |
| 37) Hexachlorocyclopentadiene  | 12.29 | 237  | 48575    | 13.736 | ng/ul# | 91       |
| 38) 2,4,6-Trichlorophenol      | 12.60 | 196  | 86739    | 21.395 | ng/ul  | 97       |
| 39) 2,4,5-Trichlorophenol      | 12.70 | 196  | 88255    | 21.302 | ng/ul  | 97       |
| 40) 1,1'-Biphenyl              | 12.99 | 154  | 336465   | 21.577 | ng/ul# | 99       |
| 41) 2-Chloronaphthalene        | 13.03 | 162  | 264531   | 21.236 | ng/ul  | 94       |
| 42) 2-Nitroaniline             | 13.27 | 65   | 90014    | 21.356 | ng/ul  | 91       |
| 44) Dimethylphthalate          | 13.64 | 163  | 317108   | 19.237 | ng/ul  | 99       |
| 45) 2,6-Dinitrotoluene         | 13.78 | 165  | 64975    | 20.746 | ng/ul# | 78       |
| 47) Acenaphthylene             | 13.89 | 152  | 393452   | 20.194 | ng/ul  | 100      |
| 48) 3-Nitroaniline             | 14.13 | 138  | 55508    | 20.911 | ng/ul  | 86       |
| 49) Acenaphthene               | 14.23 | 153  | 272260   | 19.845 | ng/ul  | 99       |
| 50) 2,4-Dinitrophenol          | 14.37 | 184  | 8182     | 4.858  | ng/ul# | 67       |
| 52) 4-Nitrophenol              | 14.50 | 109  | 49266    | 16.281 | ng/ul# | 49       |
| 53) Dibenzofuran               | 14.58 | 168  | 392227   | 19.066 | ng/ul# | 86       |
| 54) 2,4-Dinitrotoluene         | 14.59 | 165  | 97182    | 19.367 | ng/ul# | 68       |
| 55) 2,3,4,6-Tetrachlorophenol  | 14.83 | 232  | 70651    | 16.863 | ng/ul# | 73       |
| 56) Diethylphthalate           | 15.02 | 149  | 329033   | 17.912 | ng/ul  | 93       |
| 58) Fluorene                   | 15.23 | 166  | 314568   | 17.713 | ng/ul  | 97       |
| 59) 4-Chlorophenyl-phenylether | 15.23 | 204  | 169238   | 18.219 | ng/ul  | 91       |
| 60) 4-Nitroaniline             | 15.30 | 138  | 51550    | 17.317 | ng/ul# | 76       |
| 63) 4,6-Dinitro-2-methylphenol | 15.37 | 198  | 43086    | 15.974 | ng/ul# | 81       |
| 64) N-Nitrosodiphenylamine     | 15.46 | 169  | 259781   | 20.463 | ng/ul  | 97       |
| 65) 4-Bromophenyl-phenylether  | 16.13 | 248  | 97873    | 19.855 | ng/ul# | 89       |
| 66) Hexachlorobenzene          | 16.24 | 284  | 105011   | 20.257 | ng/ul# | 81       |
| 67) Atrazine                   | 16.42 | 200  | 97785    | 19.504 | ng/ul  | 96       |
| 68) Pentachlorophenol          | 16.61 | 266  | 57247    | 21.074 | ng/ul  | 92       |
| 69) Phenanthrene               | 16.98 | 178  | 486649   | 19.120 | ng/ul  | 98       |
| 71) Anthracene                 | 17.07 | 178  | 486792   | 19.017 | ng/ul  | 98       |
| 72) Carbazole                  | 17.36 | 167  | 407733   | 18.943 | ng/ul# | 96       |
| 73) Di-n-butylphthalate        | 17.91 | 149  | 536634   | 19.325 | ng/ul  | 98       |
| 74) Fluoranthene               | 19.01 | 202  | 542730   | 17.847 | ng/ul# | 92       |
| 77) Pyrene                     | 19.38 | 202  | 541416   | 21.264 | ng/ul# | 97       |
| 78) Butylbenzylphthalate       | 20.29 | 149  | 237892   | 22.597 | ng/ul# | 94       |
| 79) 3,3'-Dichlorobenzidine     | 21.08 | 252  | 148934   | 22.111 | ng/ul# | 92       |
| 80) Benzo(a)anthracene         | 21.14 | 228  | 471224   | 19.707 | ng/ul  | 99       |
| 81) Bis(2-ethylhexyl)phthalate | 21.06 | 149  | 321040   | 21.292 | ng/ul# | 96       |
| 82) Chrysene                   | 21.19 | 228  | 448868   | 20.123 | ng/ul  | 98       |
| 84) Di-n-octyl phthalate       | 21.93 | 149  | 503126   | 16.645 | ng/ul# | 88       |
| 85) Benzo(b)fluoranthene       | 22.69 | 252  | 416185   | 17.645 | ng/ul  | 98       |
| 86) Benzo(k)fluoranthene       | 22.69 | 252  | 416185   | 18.559 | ng/ul  | 99       |
| 88) Benzo(a)pyrene             | 23.24 | 252  | 412555   | 19.574 | ng/ul# | 97       |
| 89) Indeno(1,2,3-cd)pyrene     | 25.51 | 276  | 469005   | 22.931 | ng/ul# | 97       |
| 90) Dibenzo(a,h)anthracene     | 25.51 | 278  | 397339   | 23.380 | ng/ul# | 95       |
| 91) Benzo(g,h,i)perylene       | 26.19 | 276  | 383140   | 23.125 | ng/ul# | 97       |

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

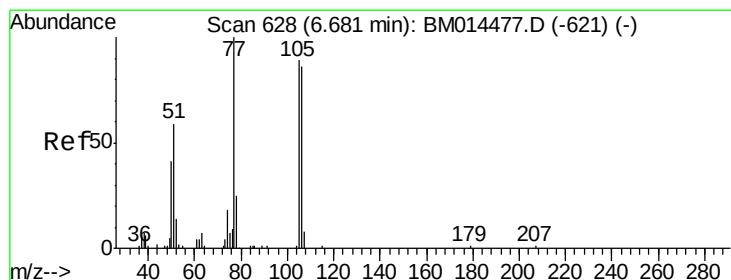
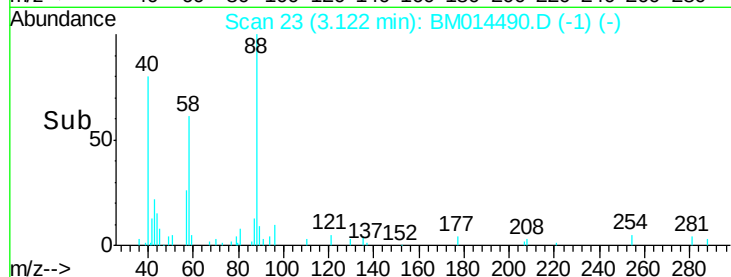
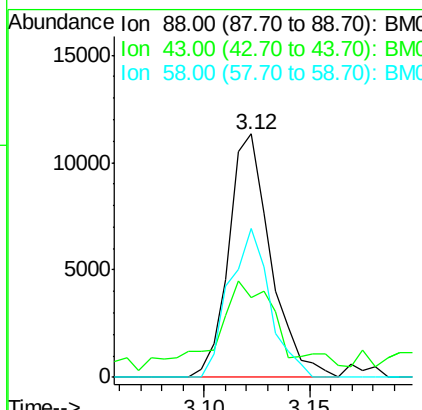
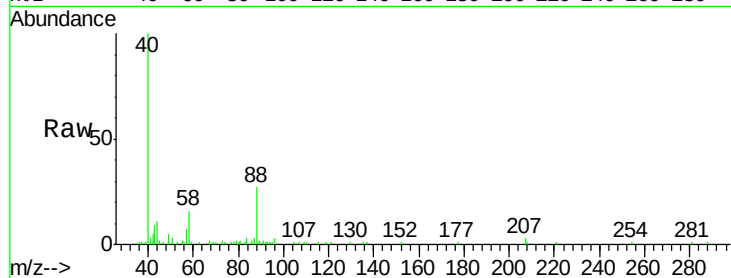




#2  
1,4-Dioxane  
Concen: 6.453 ng/uL  
RT: 3.12 min Scan# 23  
Delta R.T. -0.00 min  
Lab File: BM014490.D  
Acq: 06 Mar 2018 01:35

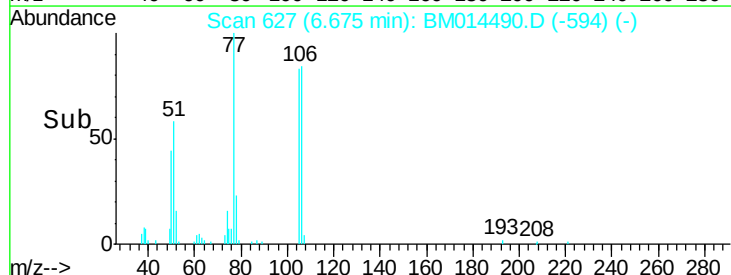
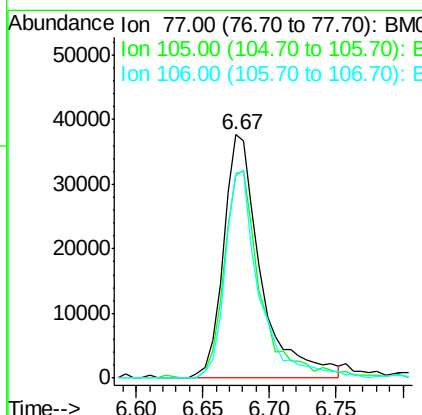
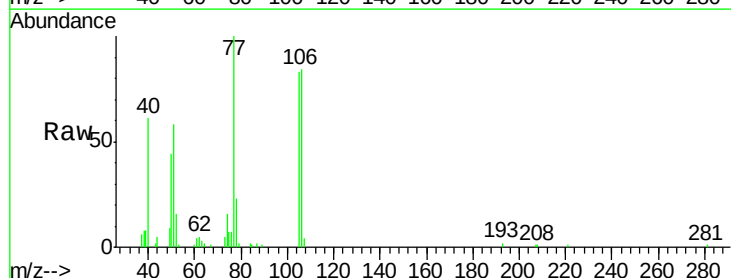
Instrument :  
BNA\_M  
ClientSampleId :

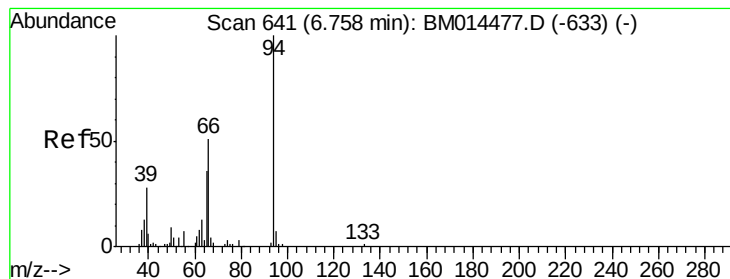
Tot Ion: 88 Resp: 15562  
Ion Ratio Lower Upper  
88 100  
43 31.4 48.0 72.0#  
58 59.7 80.0 120.0#



#4  
Benzaldehyde  
Concen: 23.070 ng/uL  
RT: 6.67 min Scan# 627  
Delta R.T. -0.01 min  
Lab File: BM014490.D  
Acq: 06 Mar 2018 01:35

Tgt Ion: 77 Resp: 73859  
Ion Ratio Lower Upper  
77 100  
105 83.2 66.1 99.1  
106 84.3 67.8 101.6





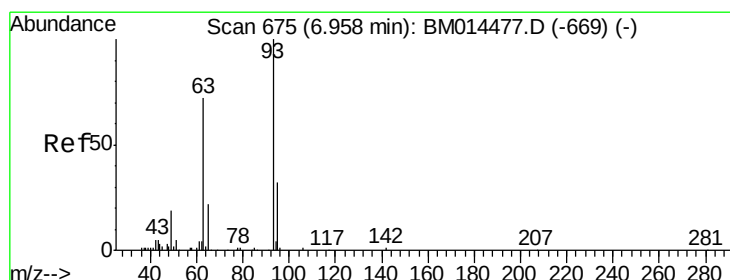
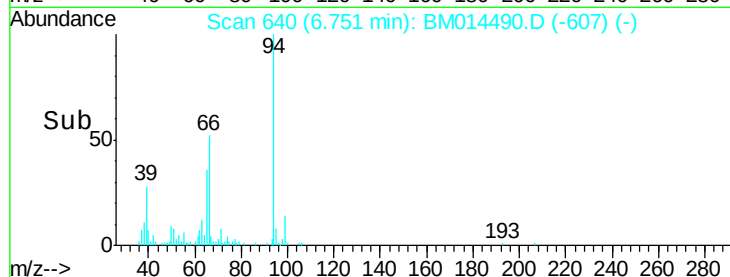
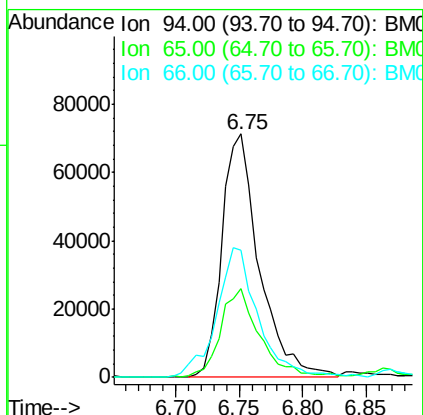
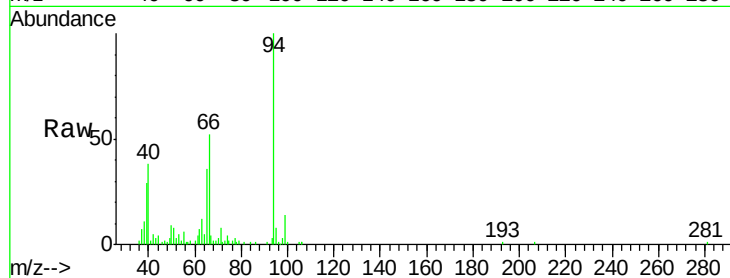
#6

Phenol

Concen: 17.721 ng/ul  
 RT: 6.75 min Scan# 640  
 Delta R.T. -0.01 min  
 Lab File: BM014490.D  
 Acq: 06 Mar 2018 01:35

Instrument :  
 BNA\_M  
 ClientSampled :

Tot Ion: 94 Resp: 146023  
 Ion Ratio Lower Upper  
 94 100  
 65 36.4 28.2 42.4  
 66 52.5 47.2 70.8

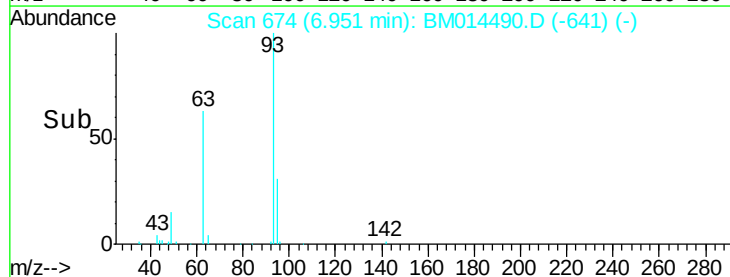
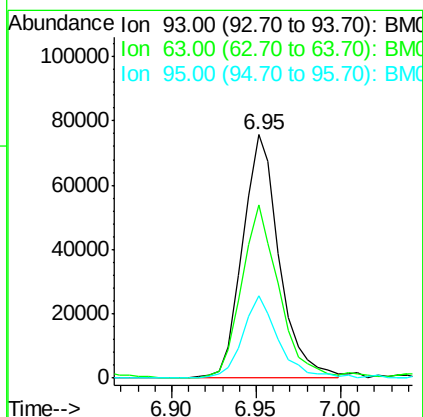
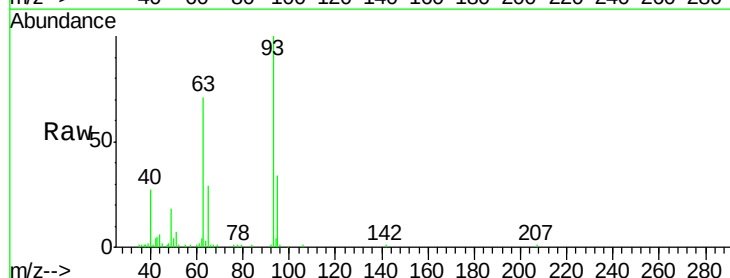


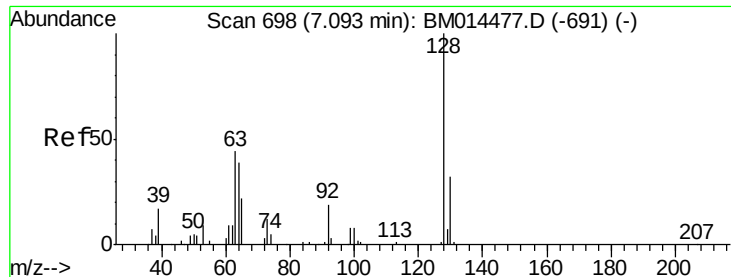
#8

Bis(2-Chloroethyl)ether

Concen: 19.203 ng/ul  
 RT: 6.95 min Scan# 674  
 Delta R.T. -0.01 min  
 Lab File: BM014490.D  
 Acq: 06 Mar 2018 01:35

Tgt Ion: 93 Resp: 114805  
 Ion Ratio Lower Upper  
 93 100  
 63 71.3 57.3 85.9  
 95 33.9 26.6 39.8

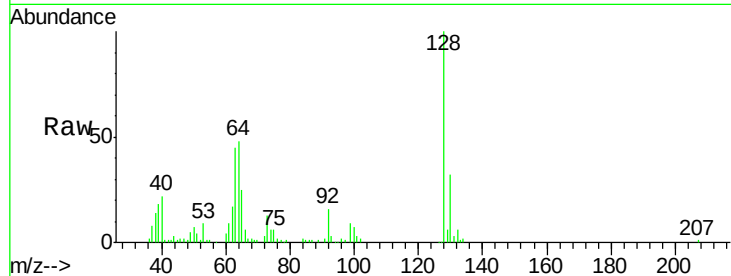




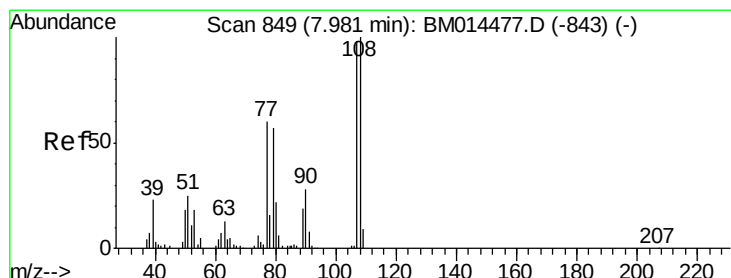
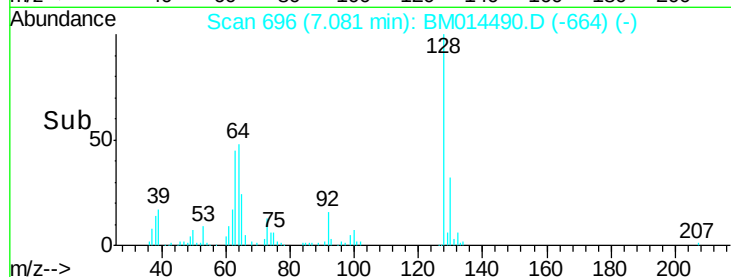
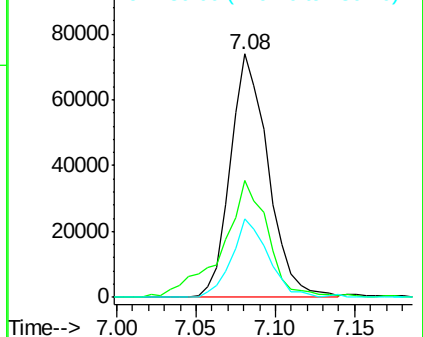
#10  
2-Chlorophenol  
Concen: 19.900 ng/ul  
RT: 7.08 min Scan# 696  
Delta R.T. -0.01 min  
Lab File: BM014490.D  
Acq: 06 Mar 2018 01:35

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:128 Resp: 122340  
Ion Ratio Lower Upper  
128 100  
64 48.2 38.0 57.0  
130 32.1 24.4 36.6

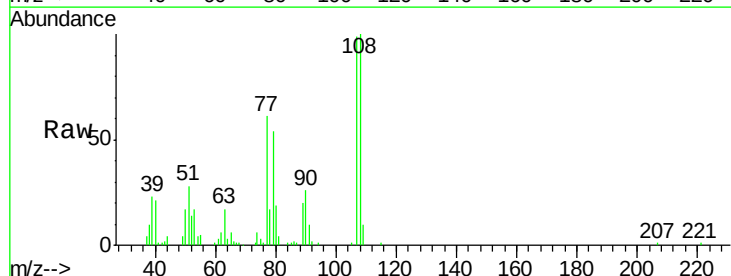


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 64.00 (63.70 to 64.70): BM0  
Ion 130.00 (129.70 to 130.70): E

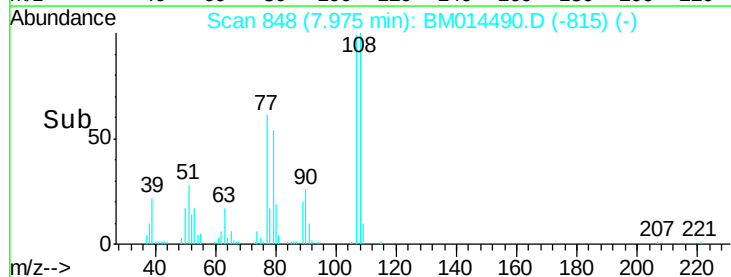
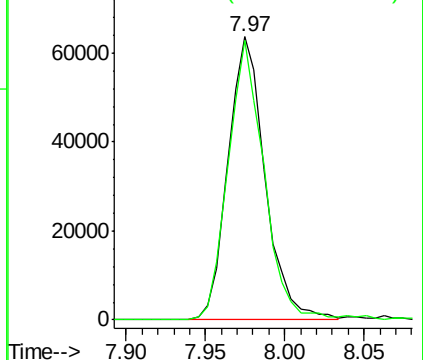


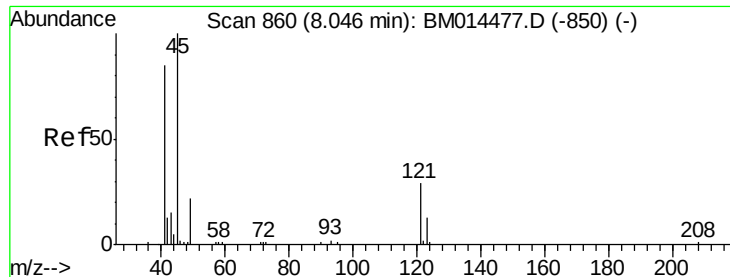
#11  
2-Methylphenol  
Concen: 16.398 ng/ul  
RT: 7.97 min Scan# 848  
Delta R.T. -0.01 min  
Lab File: BM014490.D  
Acq: 06 Mar 2018 01:35

Tgt Ion:108 Resp: 103348  
Ion Ratio Lower Upper  
108 100  
107 98.6 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E  
Ion 107.00 (106.70 to 107.70): E

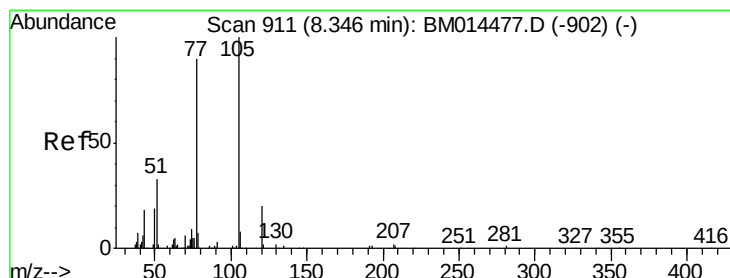
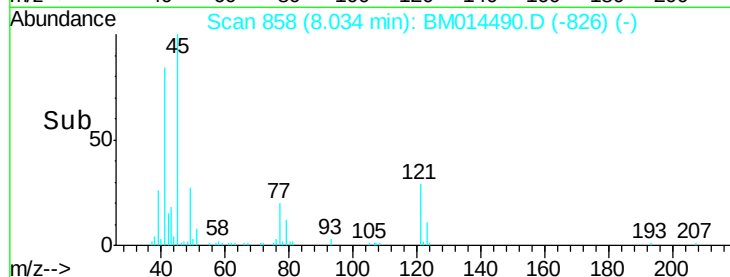
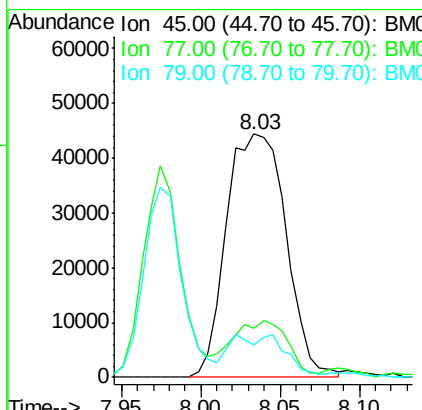
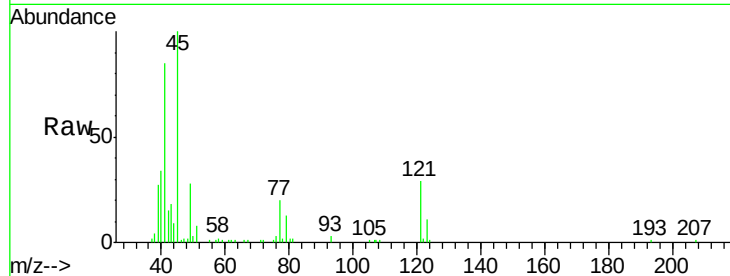




#12  
 2,2'-oxybis(1-chloropropane)  
 Concen: 19.235 ng/ul  
 RT: 8.03 min Scan# 858  
 Delta R.T. -0.01 min  
 Lab File: BM014490.D  
 Acq: 06 Mar 2018 01:35

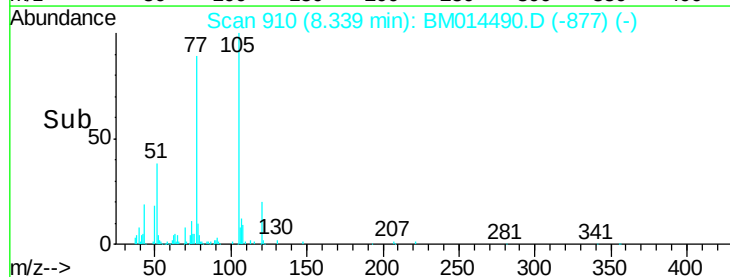
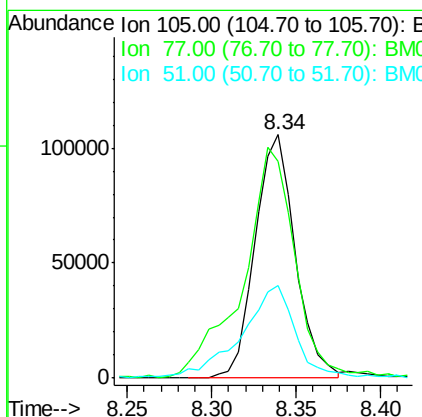
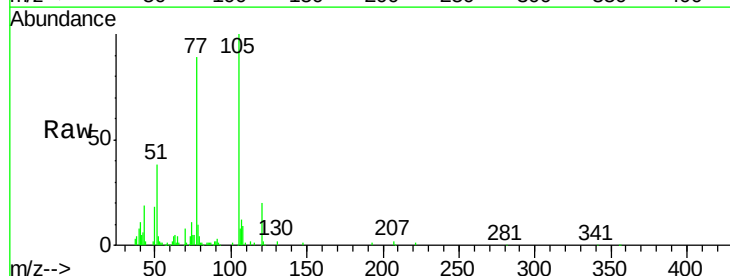
Instrument :  
 BNA\_M  
 ClientSampled :

Tot Ion: 45 Resp: 116055  
 Ion Ratio Lower Upper  
 45 100  
 77 20.4 8.0 12.0#  
 79 13.1 8.0 12.0#

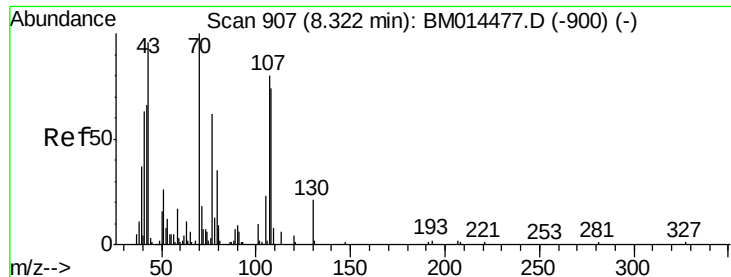


#14  
 Acetophenone  
 Concen: 14.759 ng/ul  
 RT: 8.34 min Scan# 910  
 Delta R.T. -0.01 min  
 Lab File: BM014490.D  
 Acq: 06 Mar 2018 01:35

Tgt Ion: 105 Resp: 174959  
 Ion Ratio Lower Upper  
 105 100  
 77 89.0 74.2 111.4  
 51 38.0 23.4 35.2#



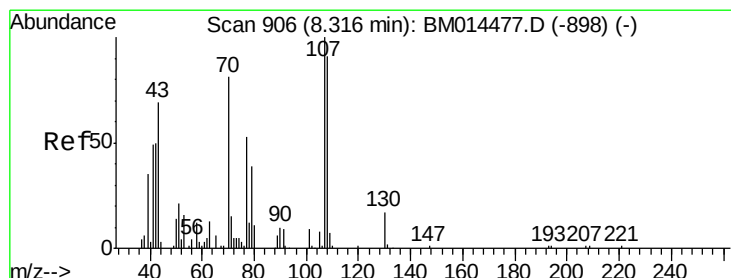
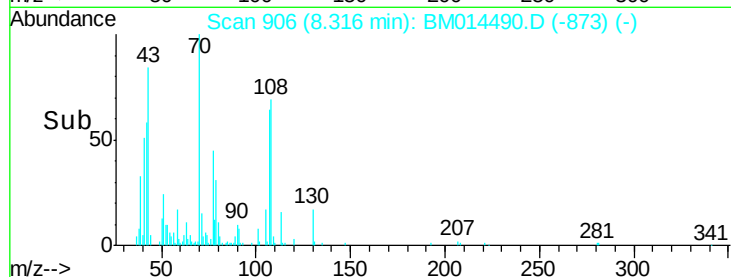
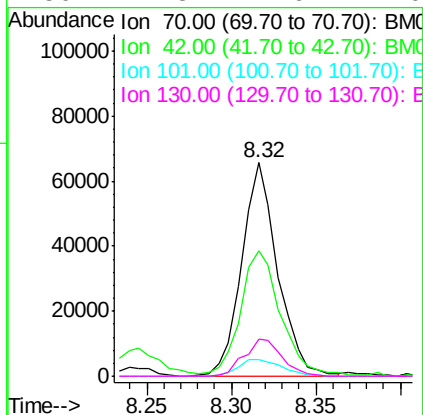
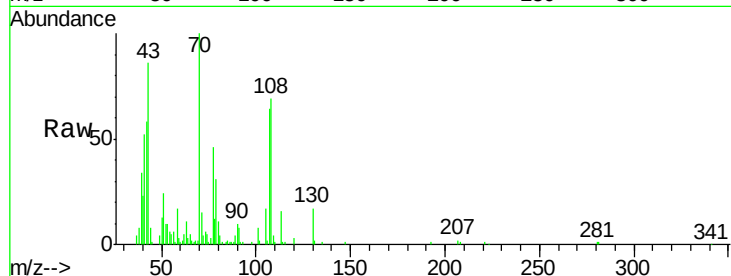




#15  
N-Nitroso-di-n-propylamine  
Concen: 16.400 ng/ul  
RT: 8.32 min Scan# 906  
Delta R.T. -0.01 min  
Lab File: BM014490.D  
Acq: 06 Mar 2018 01:35

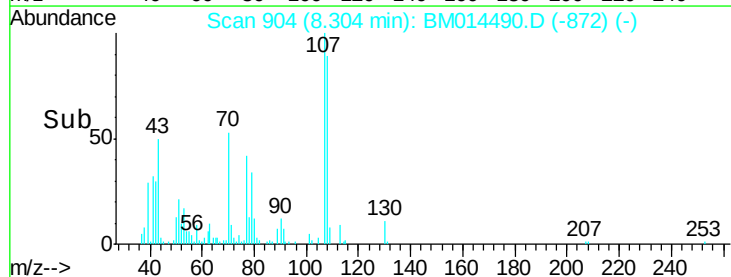
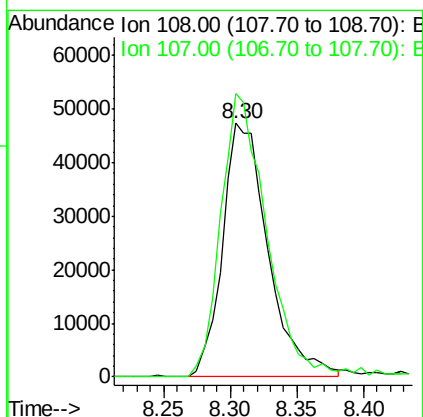
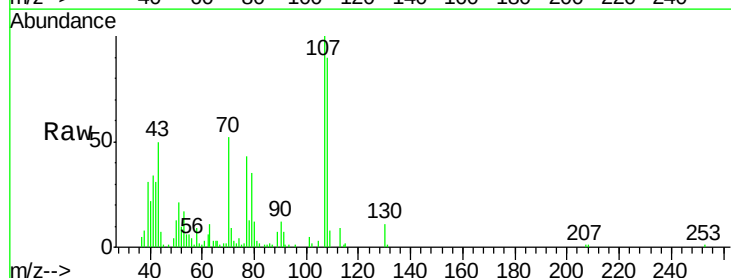
Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion: 70 Resp: 97419  
Ion Ratio Lower Upper  
70 100  
42 58.5 76.0 114.0#  
101 7.6 6.7 10.1  
130 17.3 14.6 22.0

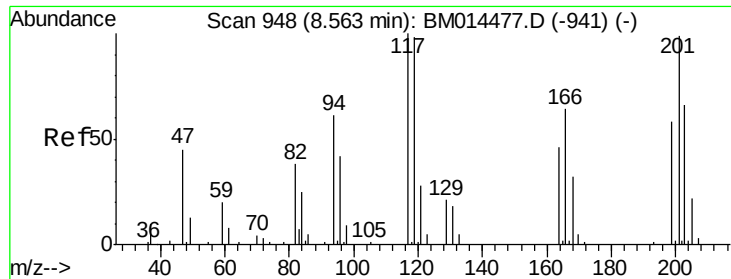


#16  
4-Methylphenol  
Concen: 16.431 ng/ul  
RT: 8.30 min Scan# 904  
Delta R.T. -0.01 min  
Lab File: BM014490.D  
Acq: 06 Mar 2018 01:35

Tgt Ion: 108 Resp: 112850  
Ion Ratio Lower Upper  
108 100  
107 111.5 84.9 127.3







#17

Hexachloroethane

Concen: 18.155 ng/ul

RT: 8.55 min Scan# 946

Delta R.T. -0.01 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

Instrument :

BNA\_M

ClientSampled :

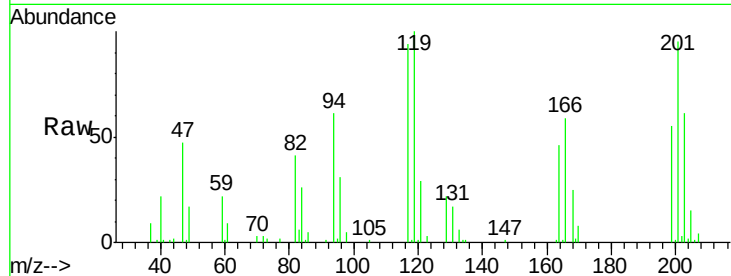
Tot Ion:117 Resp: 58141

Ion Ratio Lower Upper

117 100

201 100.9 111.6 167.4#

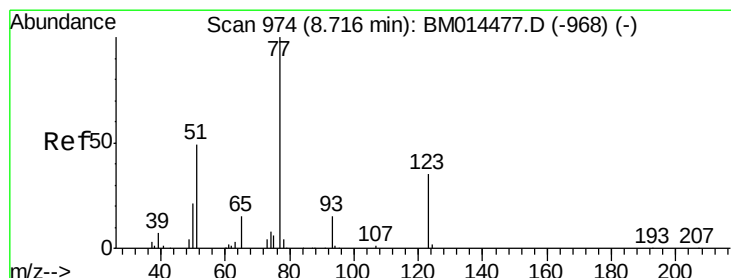
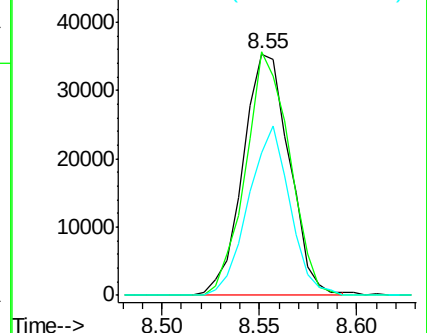
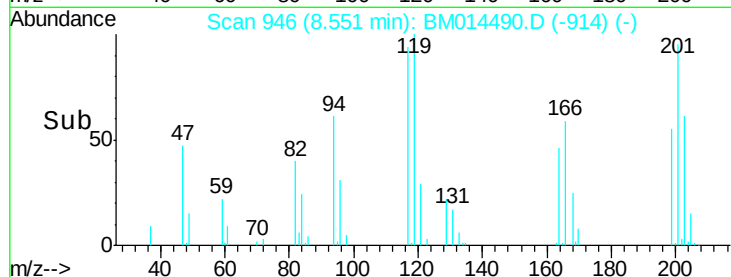
199 59.0 67.8 101.6#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 19.622 ng/ul

RT: 8.71 min Scan# 973

Delta R.T. -0.01 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

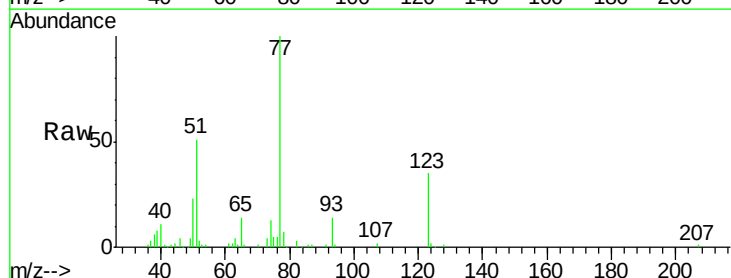
Tgt Ion: 77 Resp: 157035

Ion Ratio Lower Upper

77 100

123 35.2 31.0 46.6

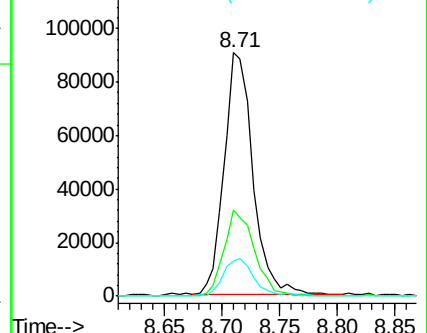
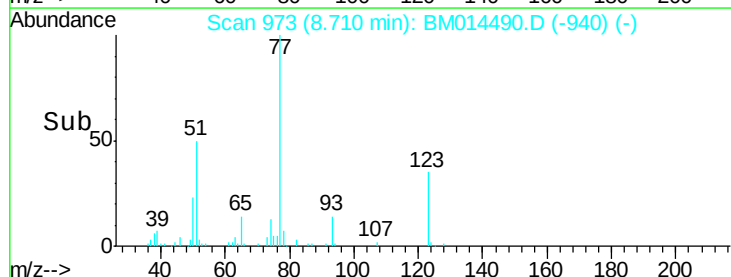
65 14.1 12.2 18.2

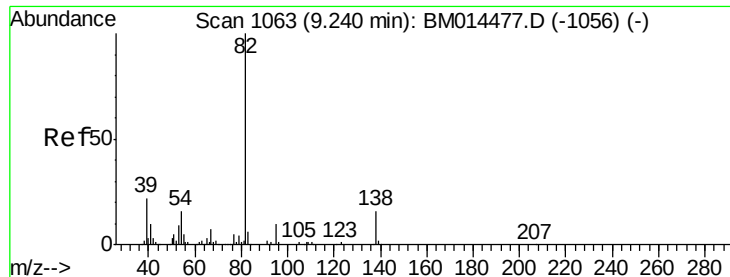


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 19.001 ng/ul

RT: 9.23 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

Instrument :

BNA\_M

ClientSampleId :

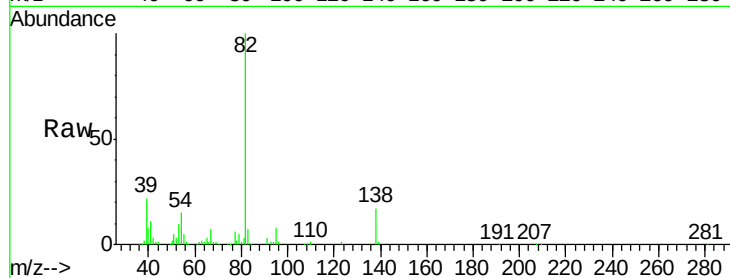
Tot Ion: 82 Resp: 260113

Ion Ratio Lower Upper

82 100

95 7.9 7.8 11.8

138 16.9 11.9 17.9

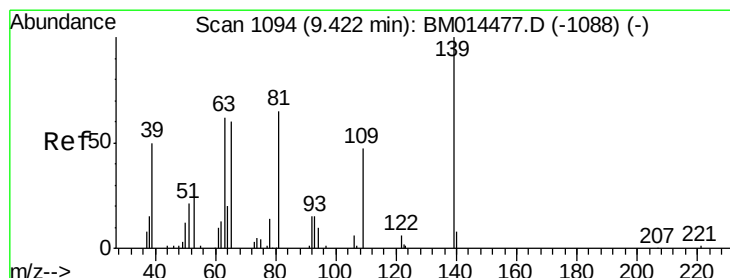
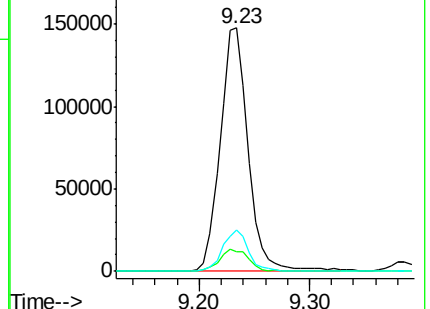
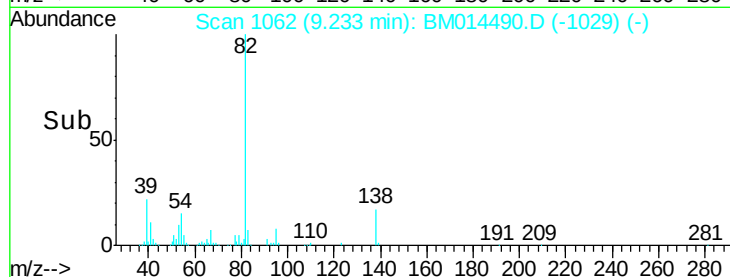


Abundance Ion 82.00 (81.70 to 82.70): BM014477.D (-1056) (-)

Ion 95.00 (94.70 to 95.70): BM014490.D (-1029) (-)

Ion 138.00 (137.70 to 138.70): BM014490.D (-1029) (-)

Time-->



#23

2-Nitrophenol

Concen: 20.803 ng/ul

RT: 9.42 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

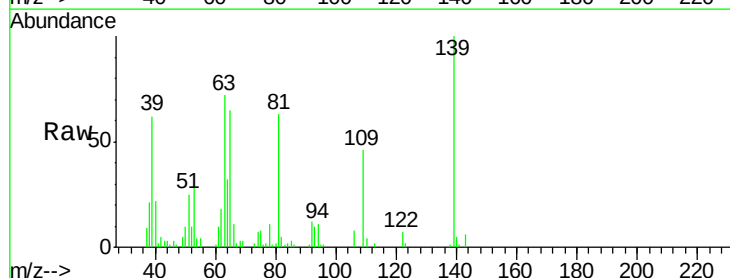
Tgt Ion: 139 Resp: 63108

Ion Ratio Lower Upper

139 100

65 64.9 55.4 83.0

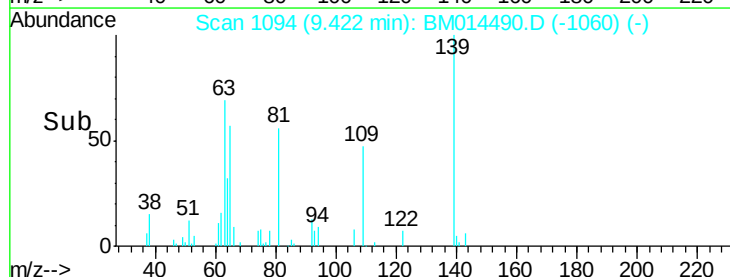
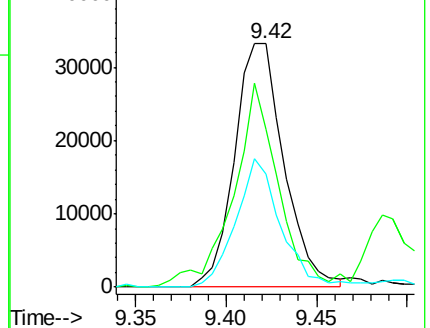
109 46.4 42.2 63.2

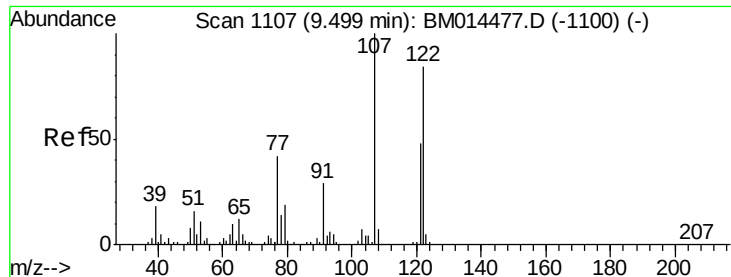


Abundance Ion 139.00 (138.70 to 139.70): BM014477.D (-1088) (-)

Ion 65.00 (64.70 to 65.70): BM014490.D (-1060) (-)

Ion 109.00 (108.70 to 109.70): BM014490.D (-1060) (-)





#24

2,4-Dimethylphenol

Concen: 18.816 ng/ul

RT: 9.49 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

Instrument :

BNA\_M

ClientSampleId :

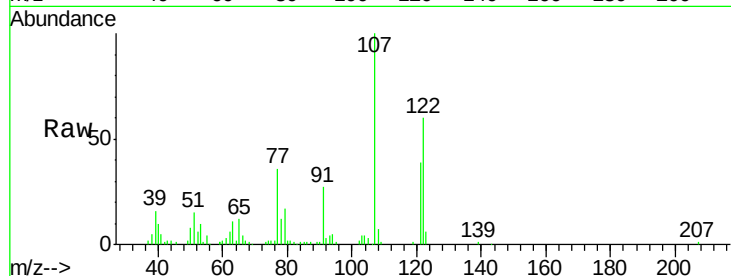
Tot Ion:107 Resp: 139943

Ion Ratio Lower Upper

107 100

121 38.7 31.9 47.9

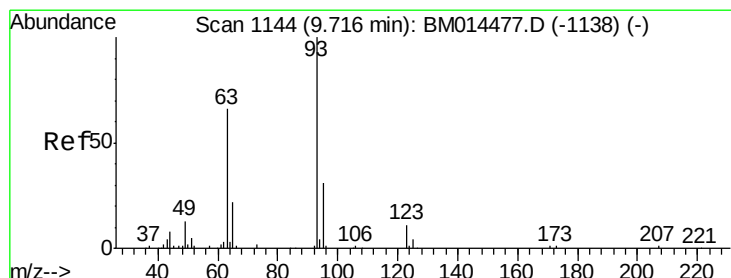
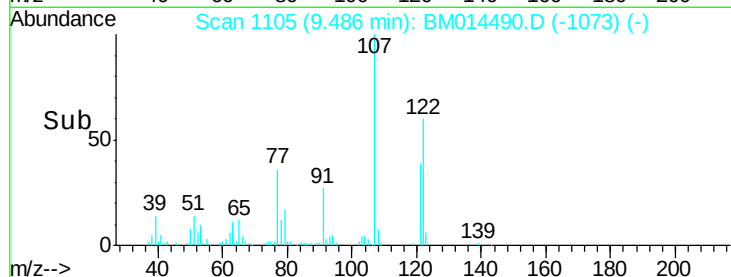
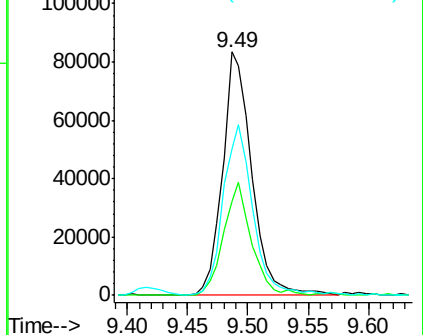
122 59.9 57.8 86.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 19.974 ng/ul

RT: 9.72 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

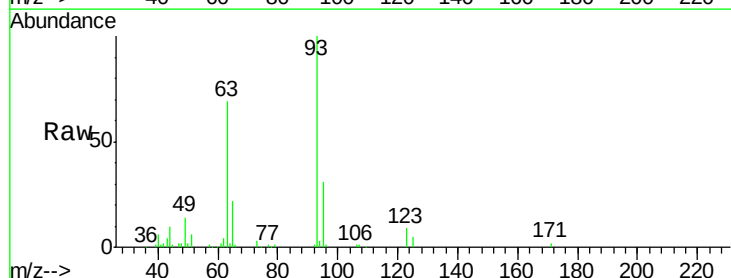
Tgt Ion: 93 Resp: 144028

Ion Ratio Lower Upper

93 100

95 31.2 28.5 42.7

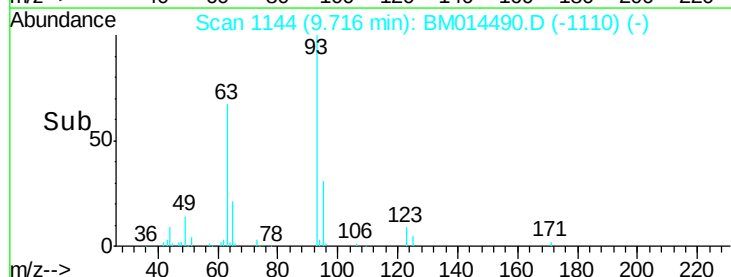
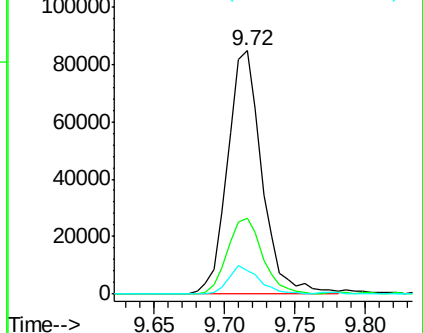
123 9.5 8.9 13.3

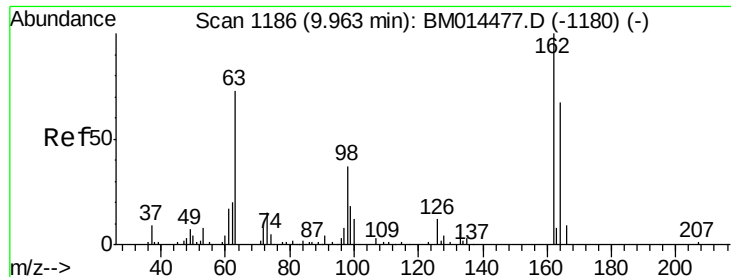


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

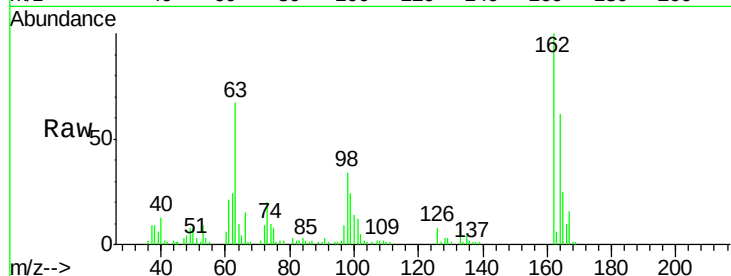




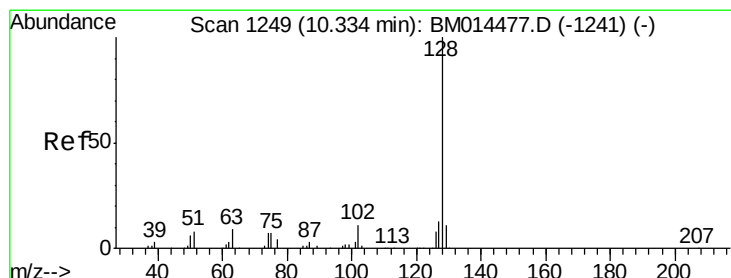
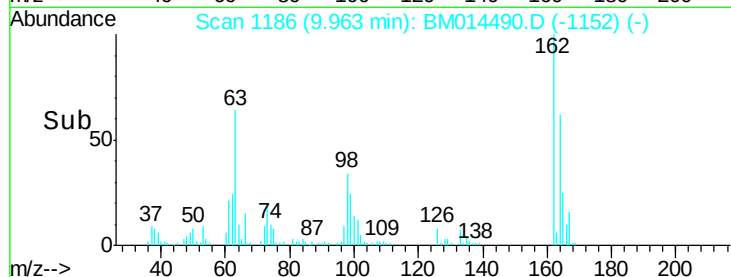
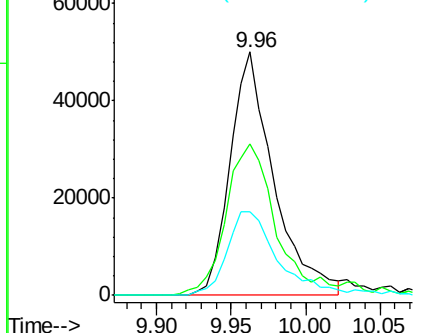
#27  
2,4-Dichlorophenol  
Concen: 18.613 ng/ul  
RT: 9.96 min Scan# 1186  
Delta R.T. -0.00 min  
Lab File: BM014490.D  
Acq: 06 Mar 2018 01:35

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.3  | 47.8  | 71.6  |
| 98      | 34.3  | 23.0  | 34.4  |

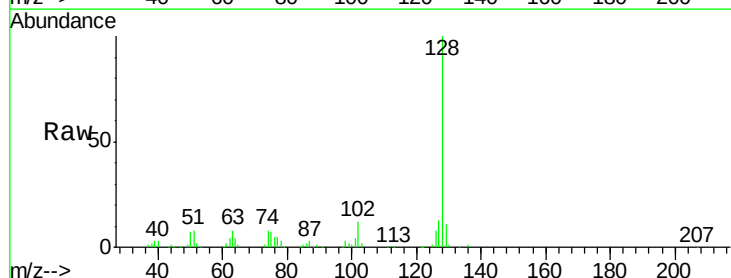


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): B

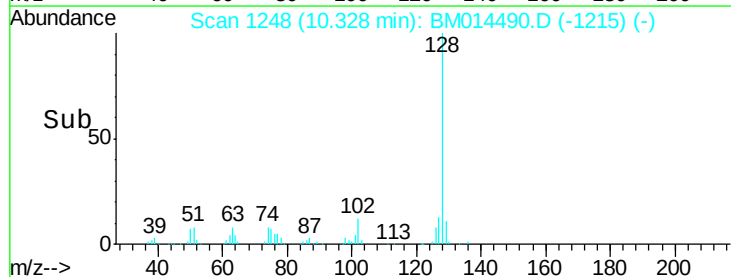
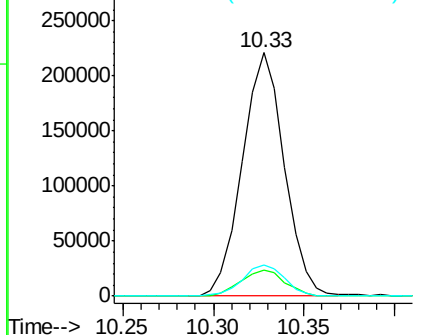


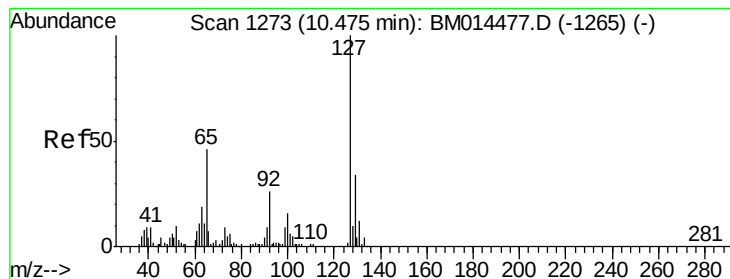
#28  
Naphthalene  
Concen: 18.969 ng/ul  
RT: 10.33 min Scan# 1248  
Delta R.T. -0.01 min  
Lab File: BM014490.D  
Acq: 06 Mar 2018 01:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.7  | 8.8   | 13.2  |
| 127     | 12.9  | 10.6  | 16.0  |



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E





#30

4-Chloroaniline

Concen: 20.497 ng/ul

RT: 10.47 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

Instrument :

BNA\_M

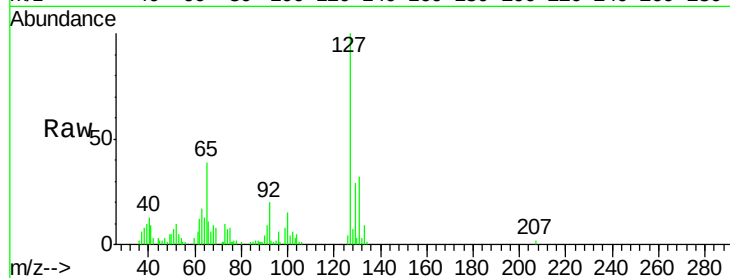
ClientSampleId :

Tot Ion:127 Resp: 119471

Ion Ratio Lower Upper

127 100

129 29.2 28.4 42.6



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

60000

50000

40000

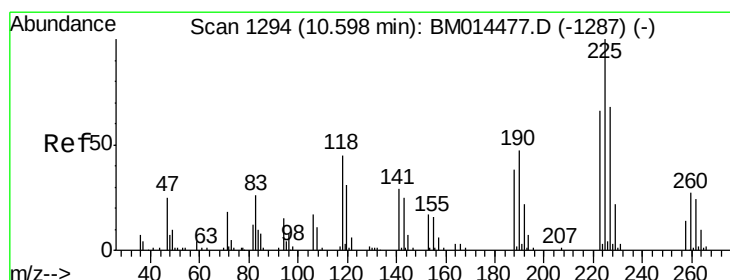
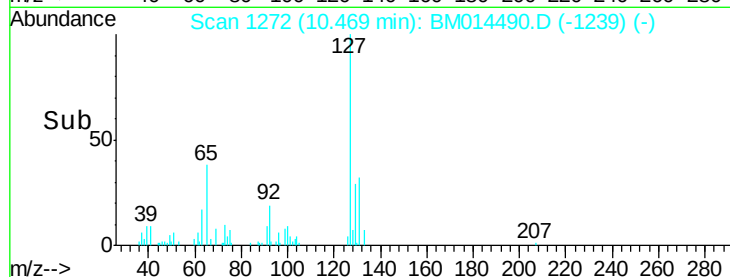
30000

20000

10000

0

Time--> 10.40 10.45 10.50 10.55



#31

Hexachlorobutadiene

Concen: 18.435 ng/ul

RT: 10.59 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

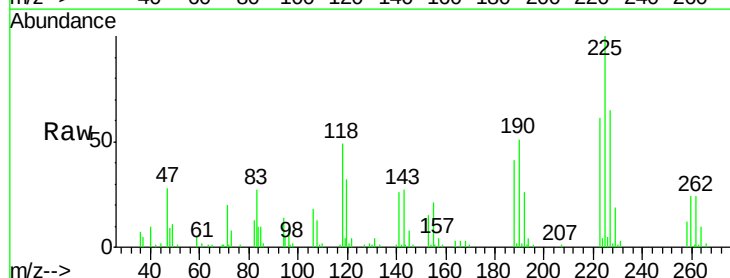
Tgt Ion:225 Resp: 80507

Ion Ratio Lower Upper

225 100

223 61.4 49.4 74.2

227 65.4 45.4 68.2



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

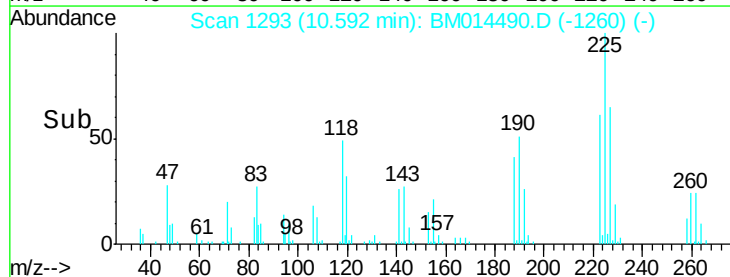
60000

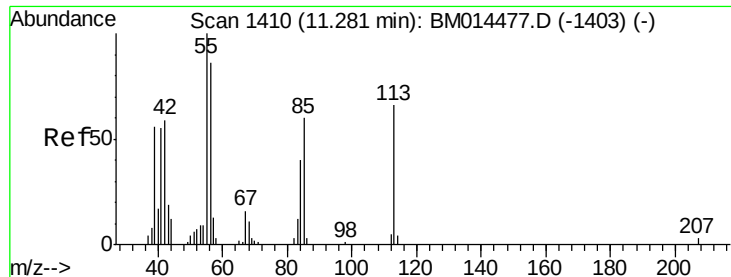
40000

20000

0

Time--> 10.55 10.60 10.65





#32

Caprolactam

Concen: 16.558 ng/ul

RT: 11.27 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

Instrument :

BNA\_M

ClientSampleId :

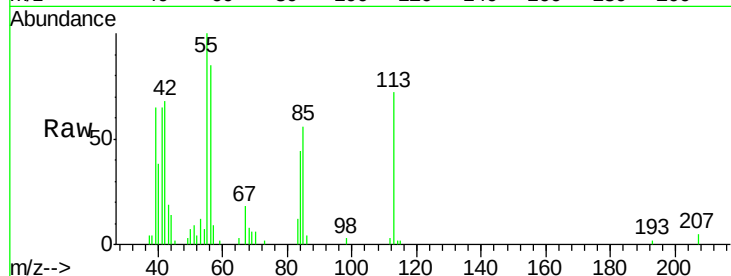
Tot Ion:113 Resp: 29192

Ion Ratio Lower Upper

113 100

55 138.1 208.0 312.0#

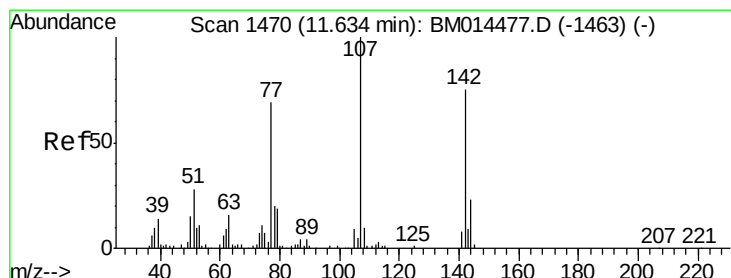
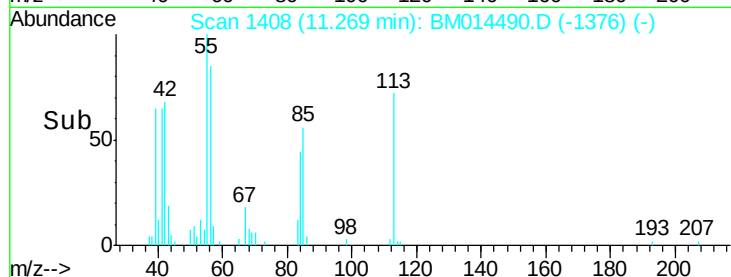
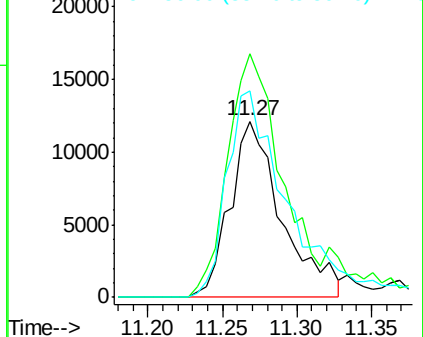
56 116.7 160.0 240.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 17.901 ng/ul

RT: 11.63 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

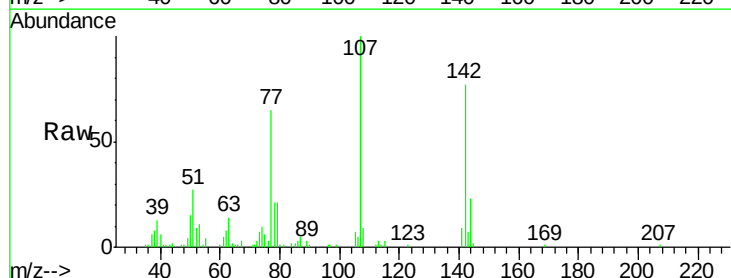
Tgt Ion:107 Resp: 119056

Ion Ratio Lower Upper

107 100

144 23.3 20.4 30.6

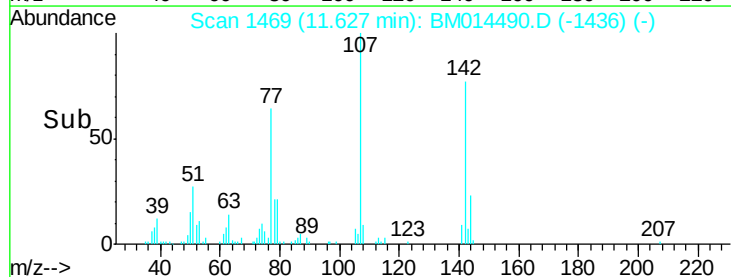
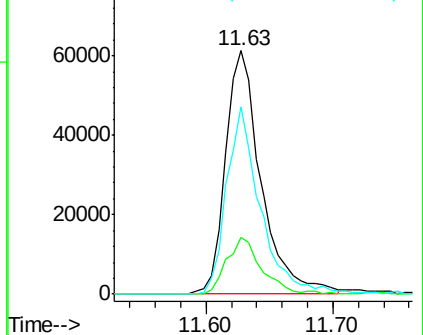
142 76.9 60.5 90.7

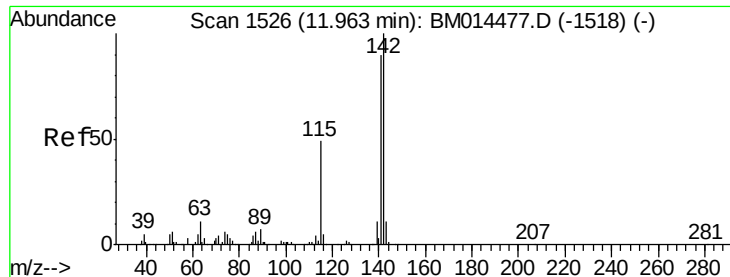


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 17.640 ng/ul

RT: 11.95 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

Instrument :

BNA\_M

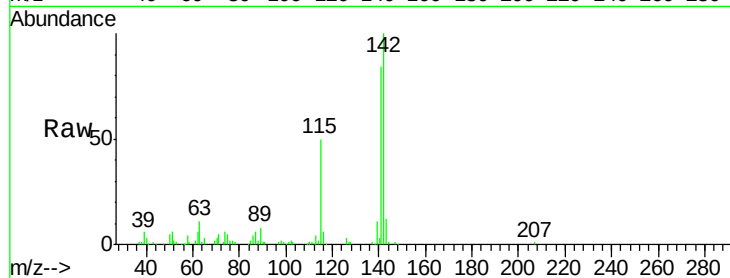
ClientSampleId :

Tot Ion:142 Resp: 252518

Ion Ratio Lower Upper

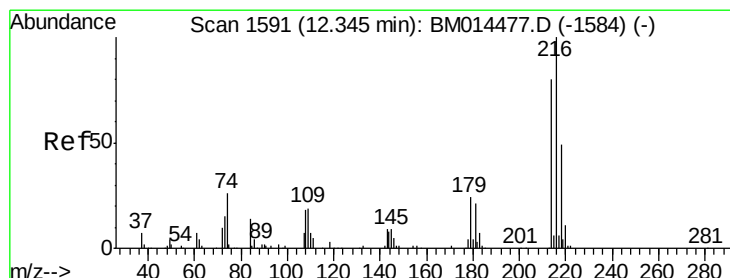
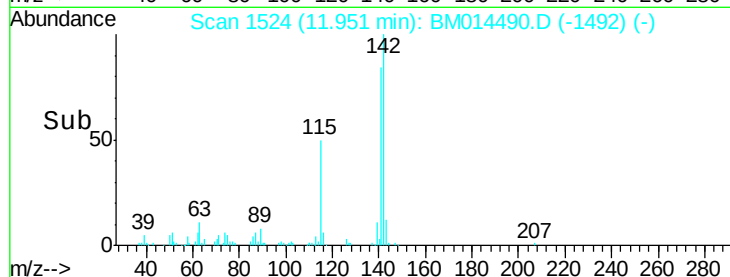
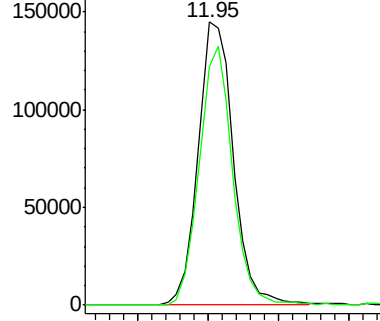
142 100

141 84.4 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 21.298 ng/ul

RT: 12.33 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

Tgt Ion:216 Resp: 138397

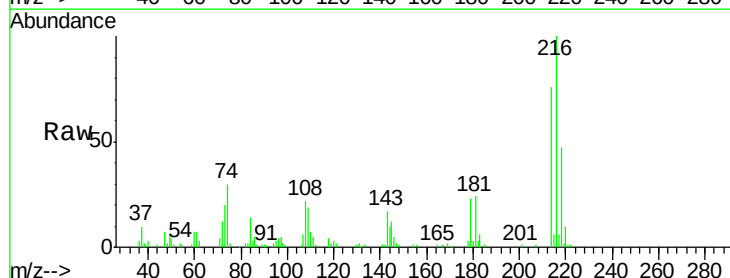
Ion Ratio Lower Upper

216 100

214 75.7 60.6 90.8

179 23.4 17.5 26.3

108 22.5 11.3 16.9#

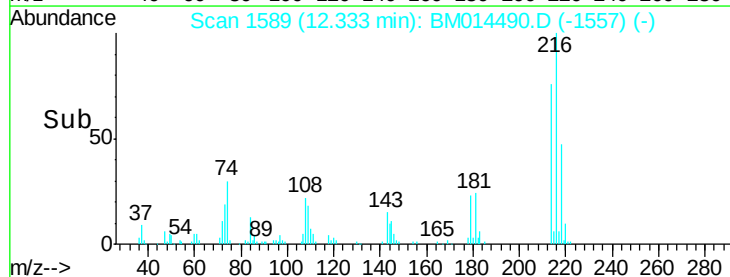
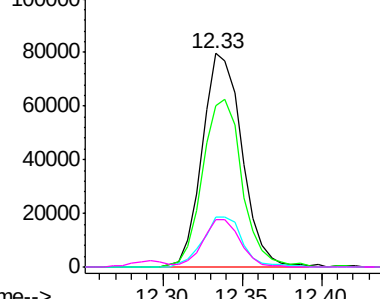


Abundance Ion 216.00 (215.70 to 216.70): E

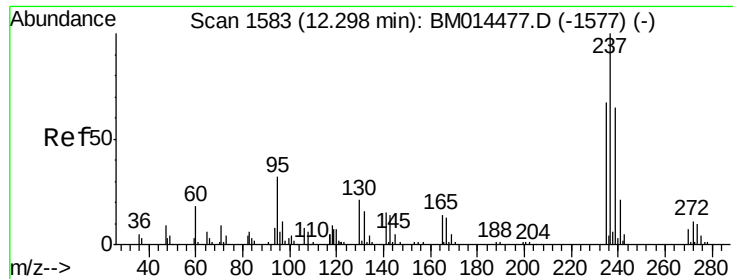
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



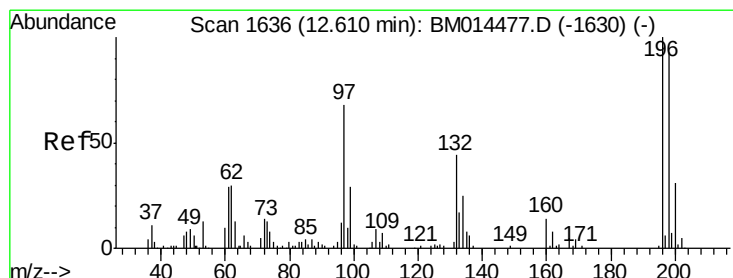
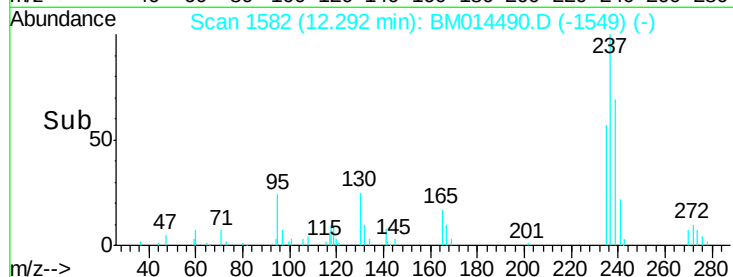
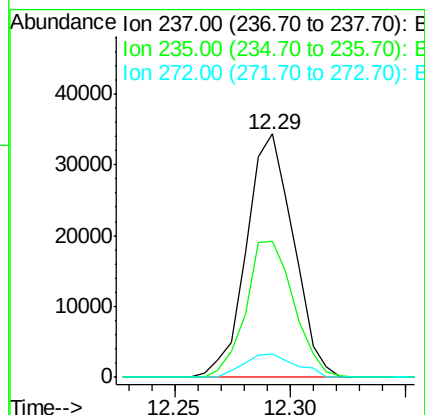
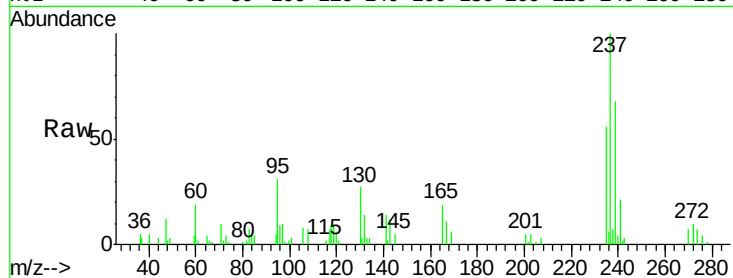




#37  
Hexachlorocyclopentadiene  
Concen: 13.736 ng/ul  
RT: 12.29 min Scan# 1582  
Delta R.T. -0.01 min  
Lab File: BM014490.D  
Acq: 06 Mar 2018 01:35

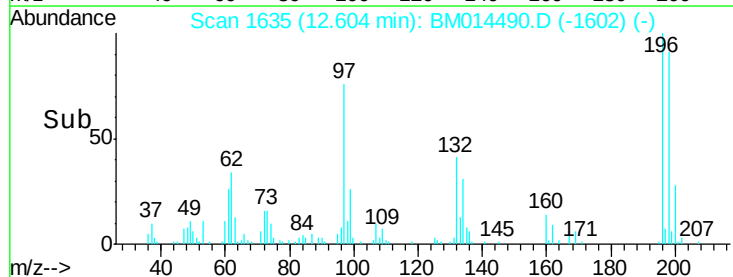
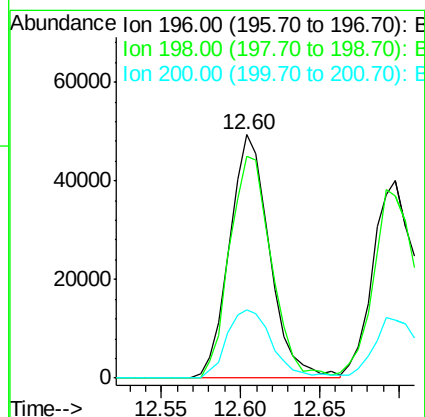
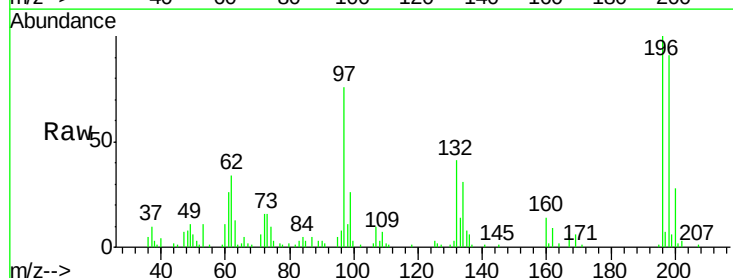
Instrument :  
BNA\_M  
ClientSampleId :

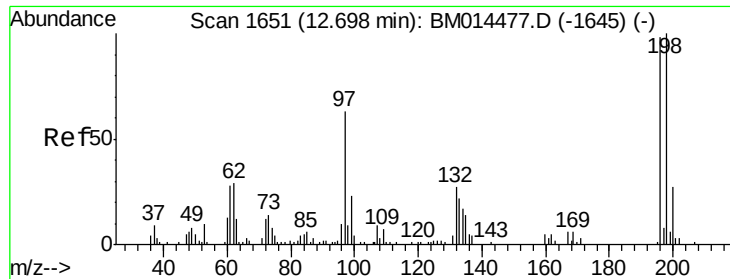
Tot Ion:237 Resp: 48575  
Ion Ratio Lower Upper  
237 100  
235 55.9 50.2 75.4  
272 9.6 11.0 16.6#



#38  
2,4,6-Trichlorophenol  
Concen: 21.395 ng/ul  
RT: 12.60 min Scan# 1635  
Delta R.T. -0.01 min  
Lab File: BM014490.D  
Acq: 06 Mar 2018 01:35

Tgt Ion:196 Resp: 86739  
Ion Ratio Lower Upper  
196 100  
198 91.0 74.1 111.1  
200 27.9 25.2 37.8

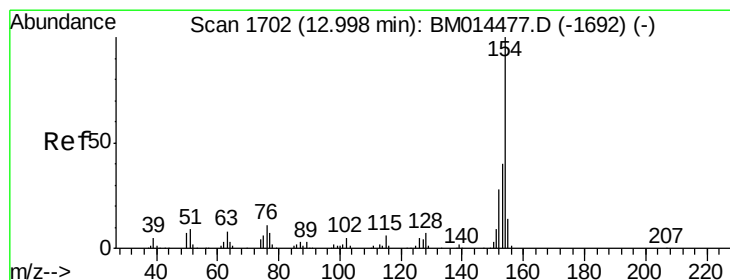
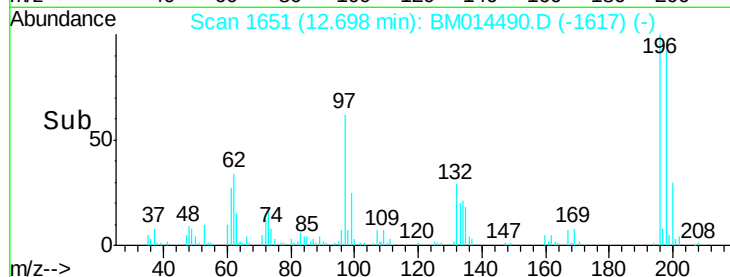
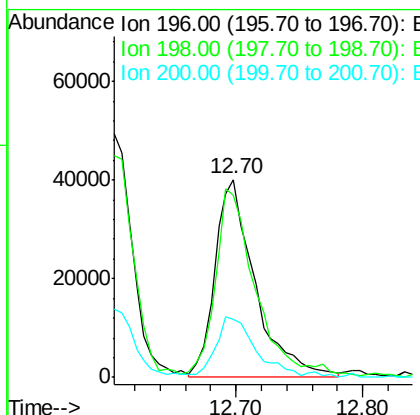
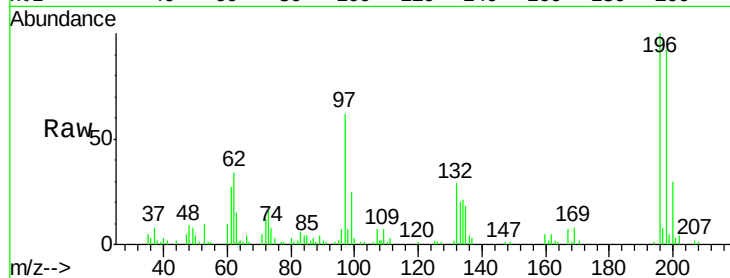




#39  
 2,4,5-Trichlorophenol  
 Concen: 21.302 ng/ul  
 RT: 12.70 min Scan# 1651  
 Delta R.T. -0.00 min  
 Lab File: BM014490.D  
 Acq: 06 Mar 2018 01:35

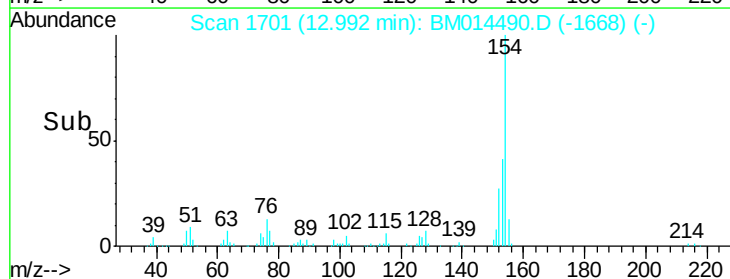
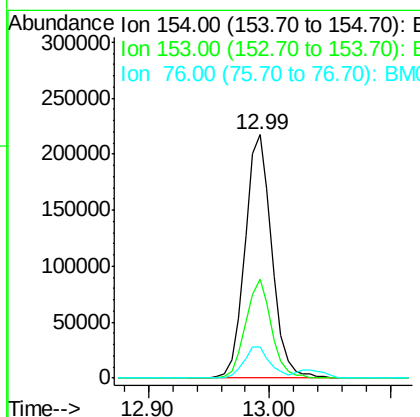
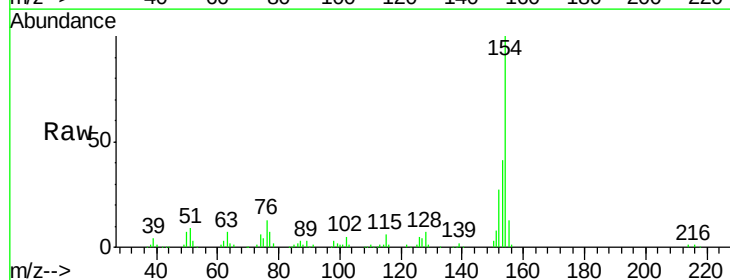
Instrument :  
 BNA\_M  
 ClientSampleId :

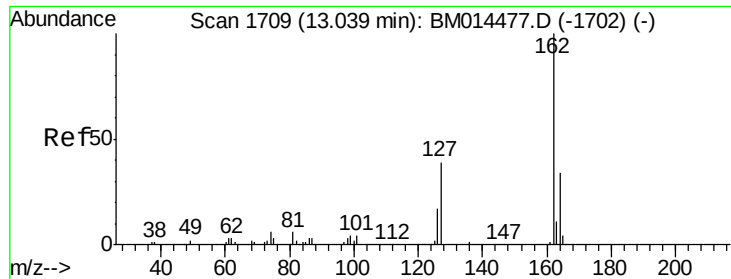
Tot Ion:196 Resp: 88255  
 Ion Ratio Lower Upper  
 196 100  
 198 91.9 75.6 113.4  
 200 29.5 25.5 38.3



#40  
 1,1'-Biphenyl  
 Concen: 21.577 ng/ul  
 RT: 12.99 min Scan# 1701  
 Delta R.T. -0.01 min  
 Lab File: BM014490.D  
 Acq: 06 Mar 2018 01:35

Tgt Ion:154 Resp: 336465  
 Ion Ratio Lower Upper  
 154 100  
 153 40.6 32.6 48.8  
 76 12.8 8.5 12.7#

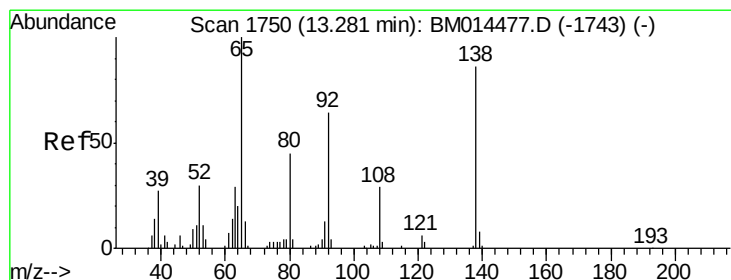
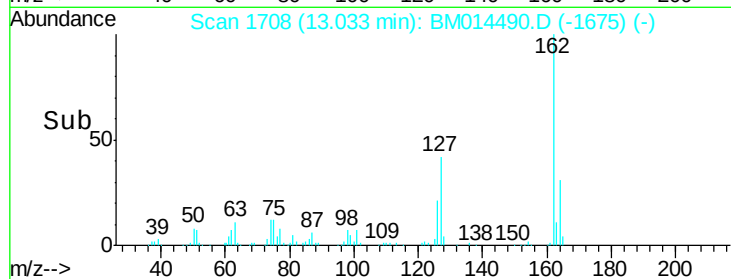
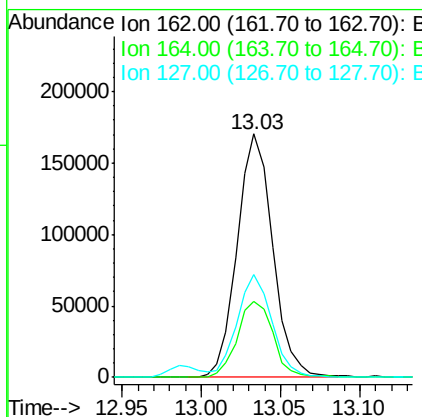
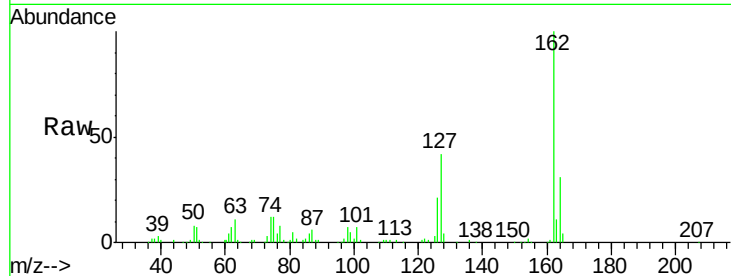




#41  
 2-Chloronaphthalene  
 Concen: 21.236 ng/ul  
 RT: 13.03 min Scan# 1708  
 Delta R.T. -0.01 min  
 Lab File: BM014490.D  
 Acq: 06 Mar 2018 01:35

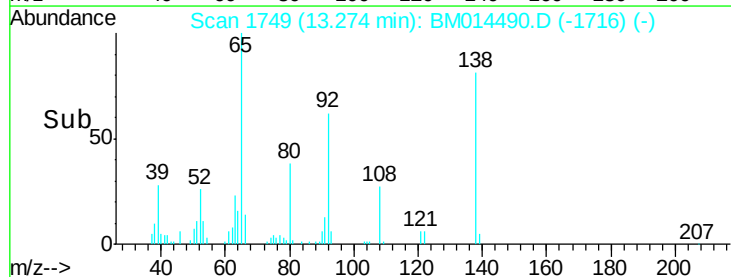
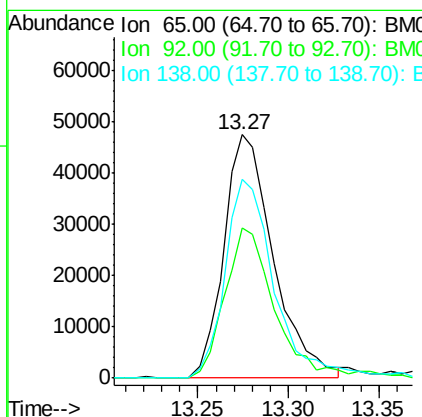
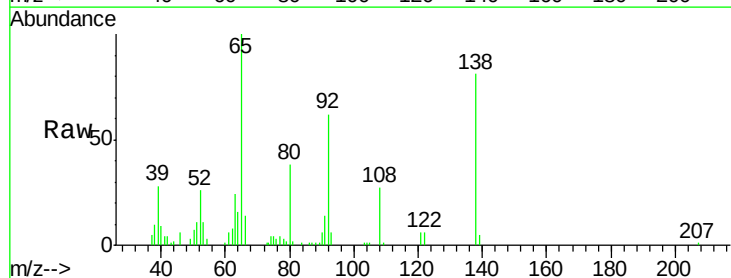
Instrument :  
 BNA\_M  
 ClientSampleId :

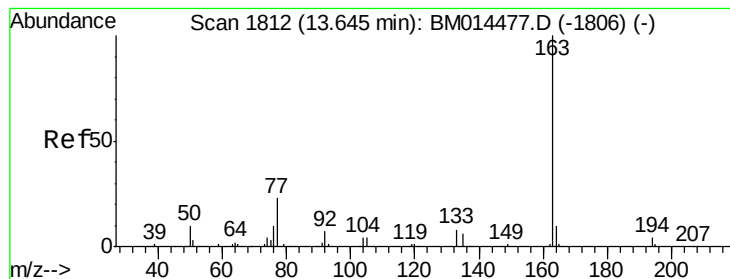
Tot Ion: 162 Resp: 264531  
 Ion Ratio Lower Upper  
 162 100  
 164 31.1 25.9 38.9  
 127 42.1 29.4 44.2



#42  
 2-Nitroaniline  
 Concen: 21.356 ng/ul  
 RT: 13.27 min Scan# 1749  
 Delta R.T. -0.01 min  
 Lab File: BM014490.D  
 Acq: 06 Mar 2018 01:35

Tgt Ion: 65 Resp: 90014  
 Ion Ratio Lower Upper  
 65 100  
 92 61.7 51.8 77.6  
 138 81.4 74.2 111.4





#44

Dimethylphthalate

Concen: 19.237 ng/ul

RT: 13.64 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

Instrument :

BNA\_M

ClientSampleId :

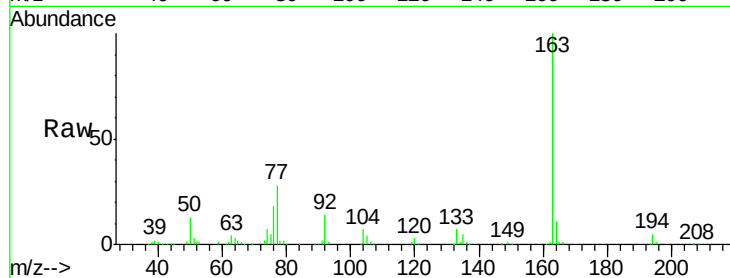
Tot Ion:163 Resp: 317108

Ion Ratio Lower Upper

163 100

194 5.0 3.5 5.3

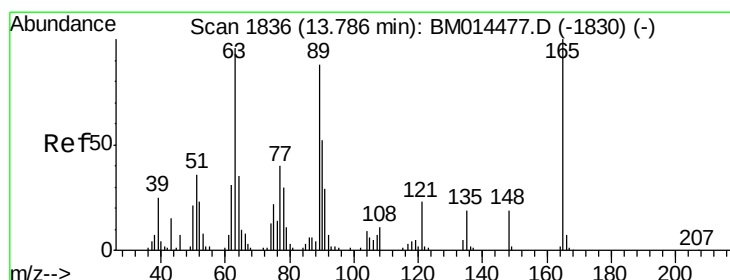
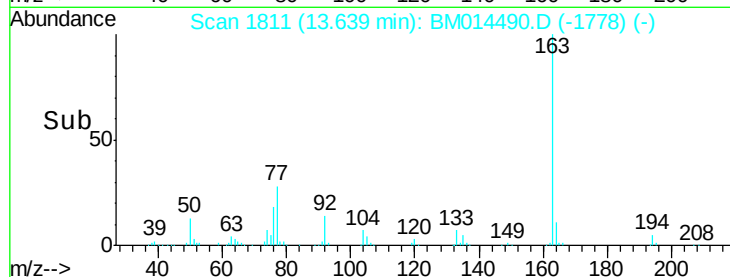
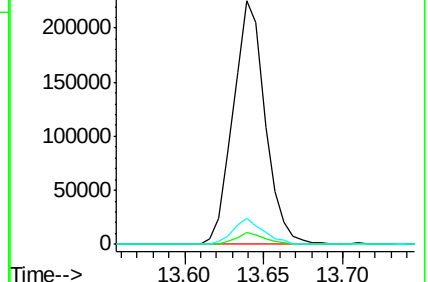
164 10.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 20.746 ng/ul

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

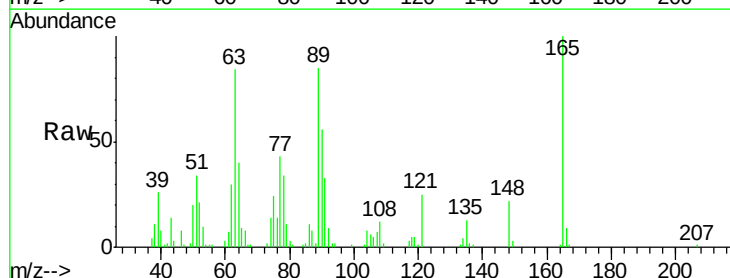
Tgt Ion:165 Resp: 64975

Ion Ratio Lower Upper

165 100

89 85.1 52.6 79.0#

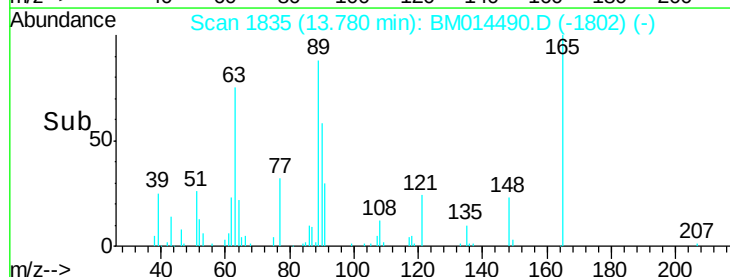
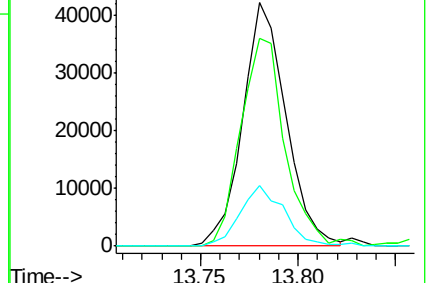
121 25.1 14.6 22.0#

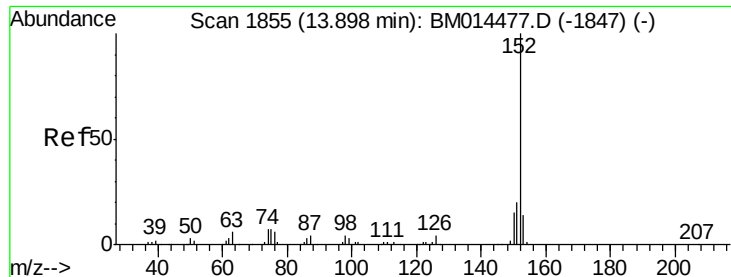


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 20.194 ng/ul

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

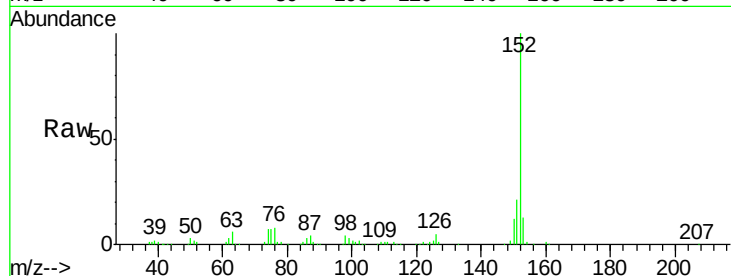
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:152 Resp: 393452

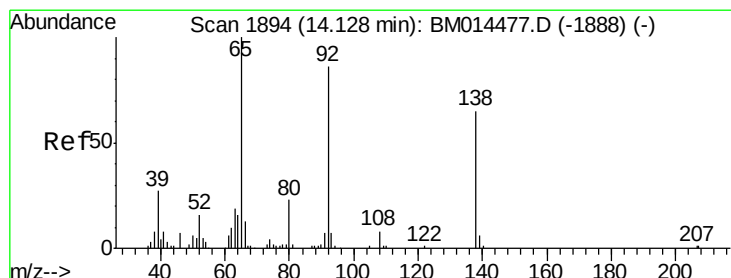
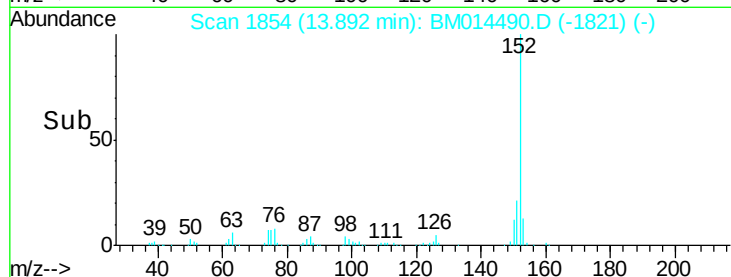
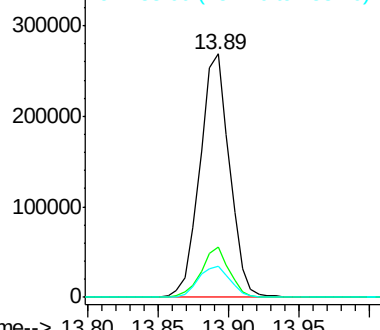
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.6  | 16.3  | 24.5  |
| 153 | 12.9  | 10.2  | 15.4  |



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 20.911 ng/ul

RT: 14.13 min Scan# 1894

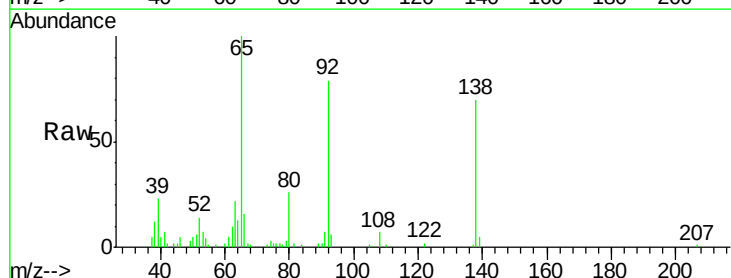
Delta R.T. -0.00 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

Tgt Ion:138 Resp: 55508

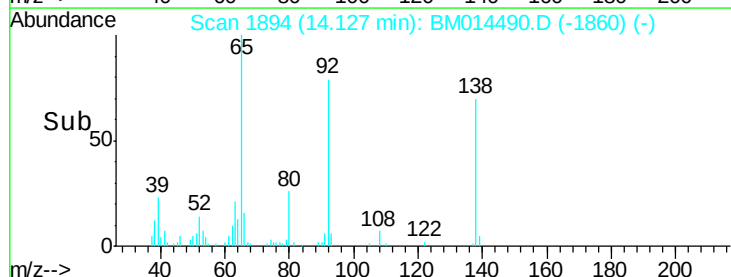
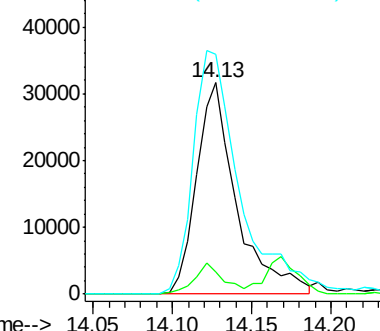
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 108 | 10.3  | 9.9   | 14.9  |
| 92  | 113.5 | 105.0 | 157.4 |

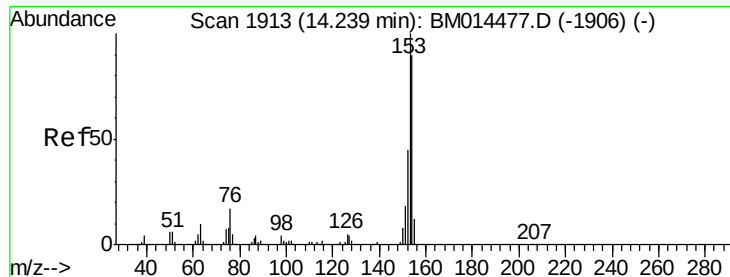


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 19.845 ng/ul

RT: 14.23 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

Instrument :

BNA\_M

ClientSampleId :

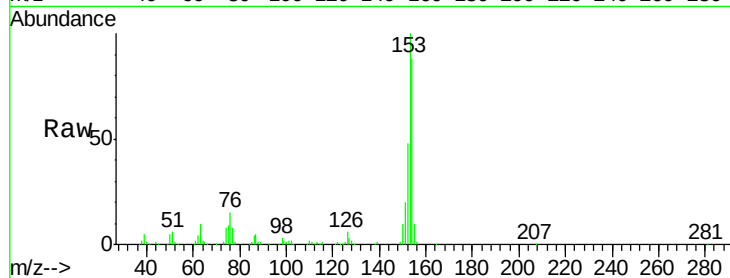
Tot Ion:153 Resp: 272260

Ion Ratio Lower Upper

153 100

152 48.2 37.6 56.4

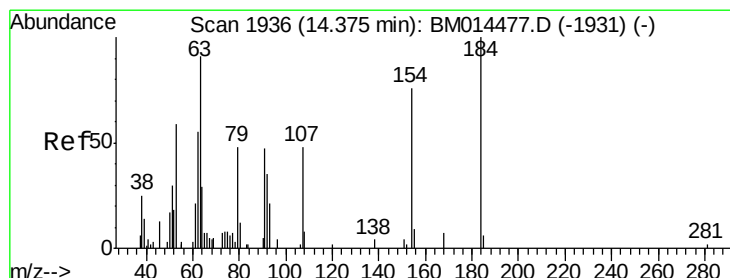
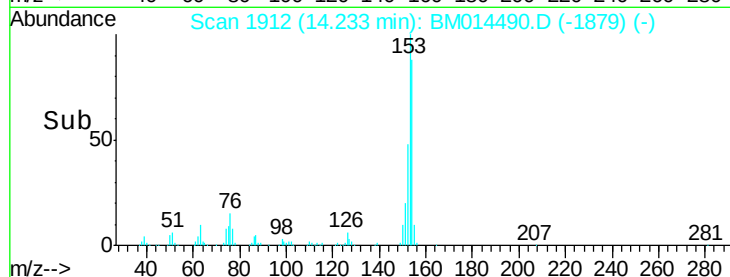
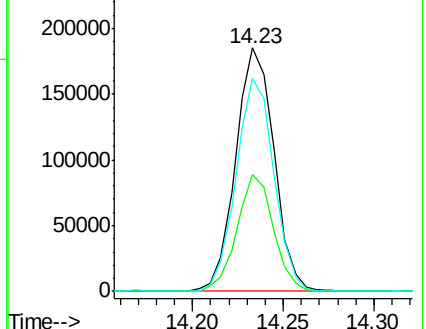
154 87.6 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 4.858 ng/ul

RT: 14.37 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

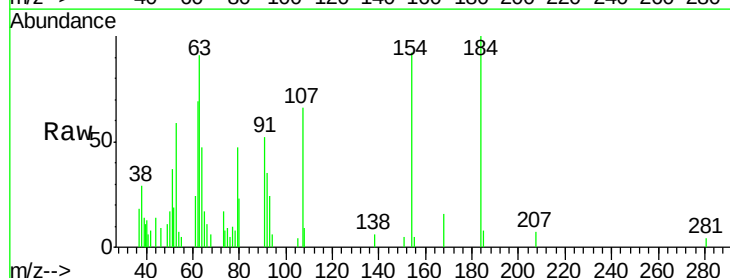
Tgt Ion:184 Resp: 8182

Ion Ratio Lower Upper

184 100

63 91.1 50.1 75.1#

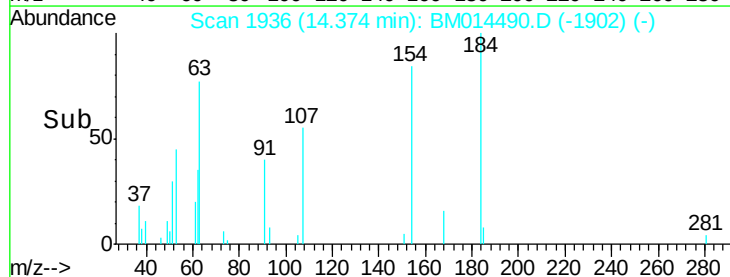
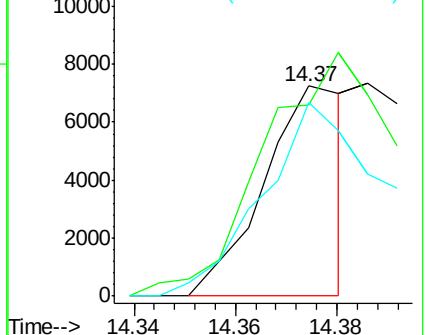
154 92.2 54.5 81.7#

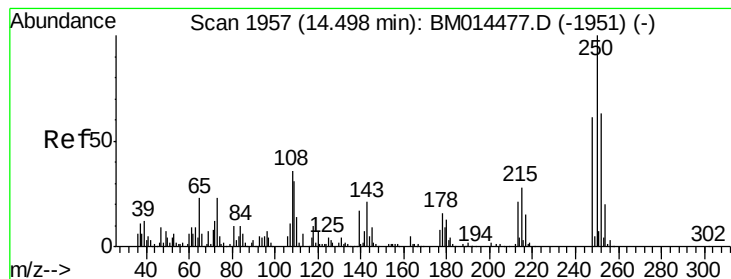


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 16.281 ng/ul

RT: 14.50 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

Instrument :

BNA\_M

ClientSampleId :

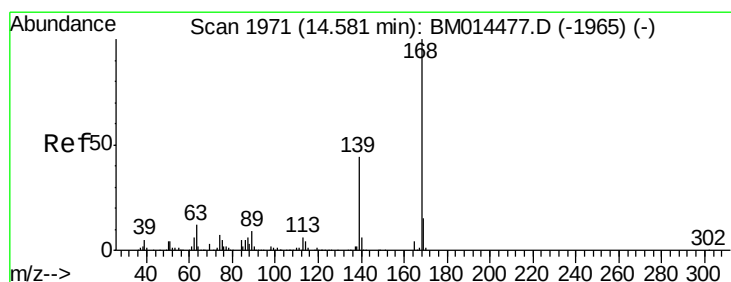
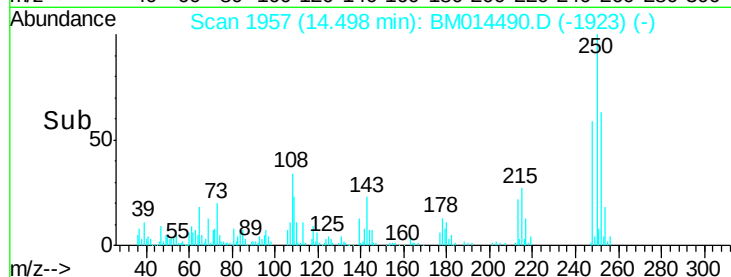
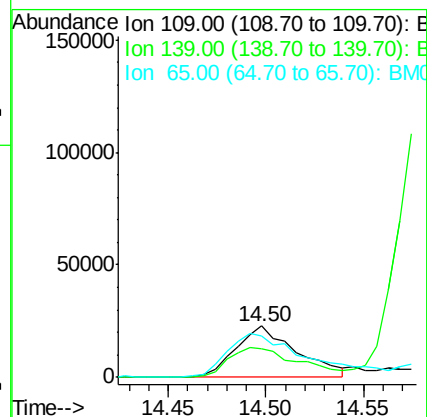
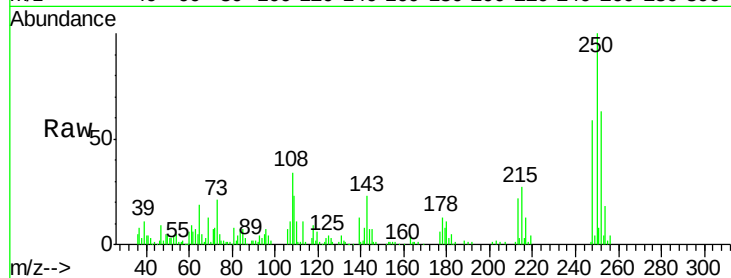
Tot Ion:109 Resp: 49266

Ion Ratio Lower Upper

109 100

139 55.5 80.0 120.0#

65 80.5 120.0 180.0#



#53

Dibenzofuran

Concen: 19.066 ng/ul

RT: 14.58 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BM014490.D

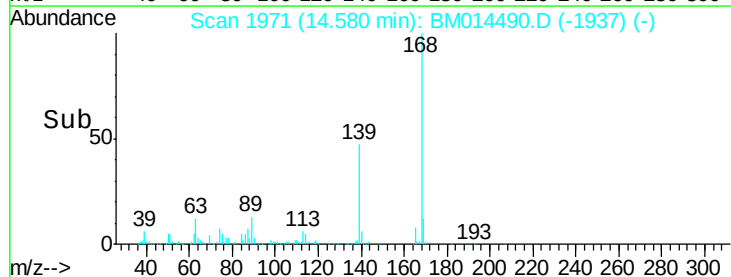
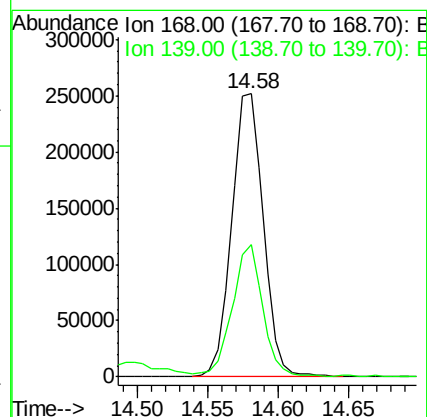
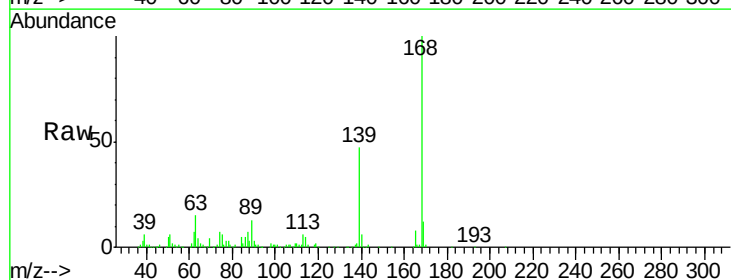
Acq: 06 Mar 2018 01:35

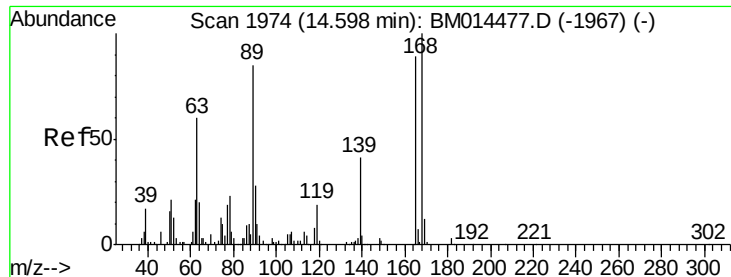
Tgt Ion:168 Resp: 392227

Ion Ratio Lower Upper

168 100

139 46.8 30.8 46.2#





#54

2,4-Dinitrotoluene

Concen: 19.367 ng/ul

RT: 14.59 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

Instrument :

BNA\_M

ClientSampleId :

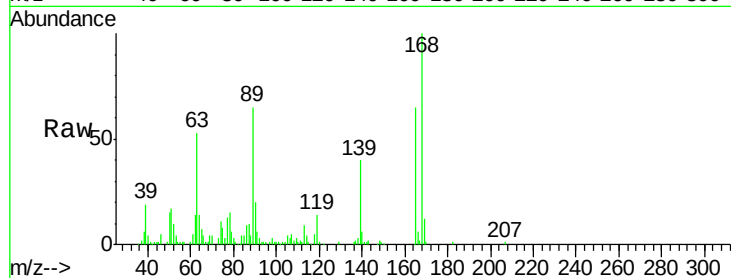
Tot Ion:165 Resp: 97182

Ion Ratio Lower Upper

165 100

63 82.3 45.8 68.8#

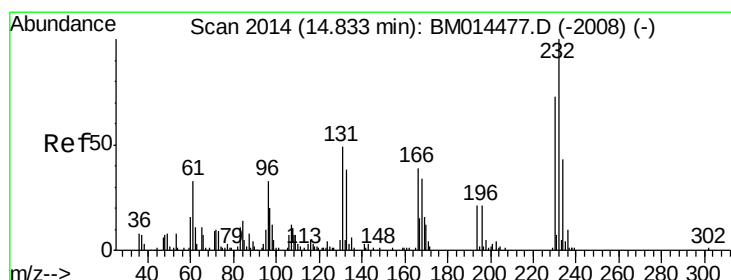
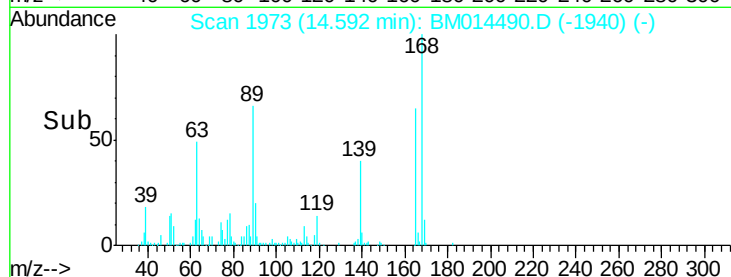
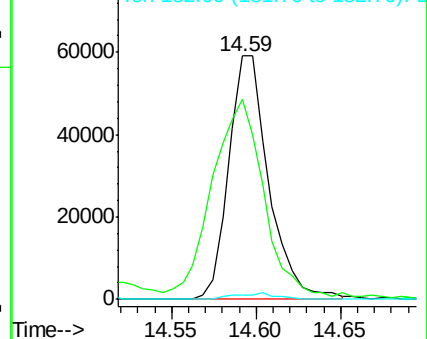
182 2.0 2.6 4.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 16.863 ng/ul

RT: 14.83 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

Tgt Ion:232 Resp: 70651

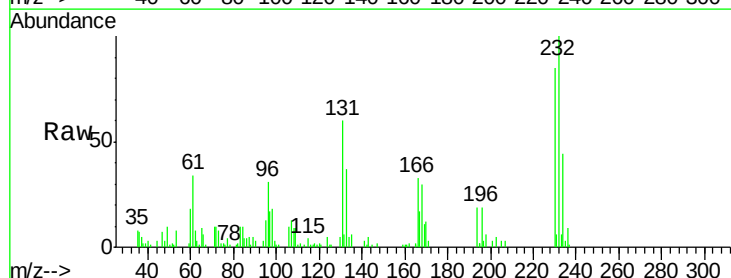
Ion Ratio Lower Upper

232 100

131 60.3 29.0 43.4#

130 5.0 2.0 3.0#

166 32.6 21.4 32.2#

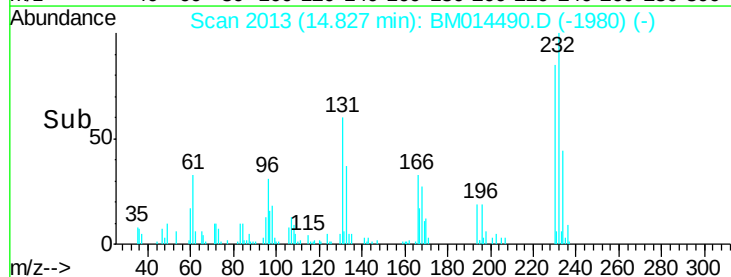
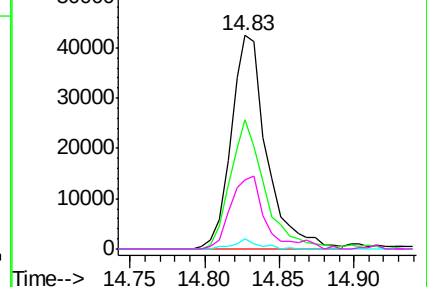


Abundance Ion 232.00 (231.70 to 232.70): E

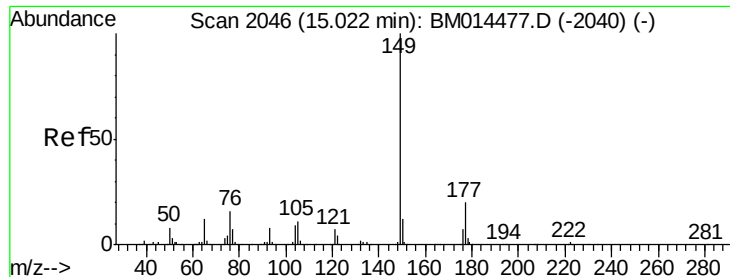
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



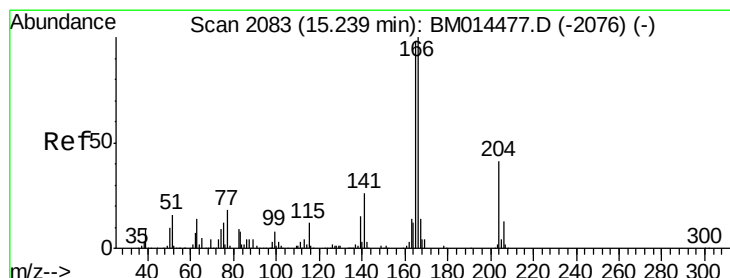
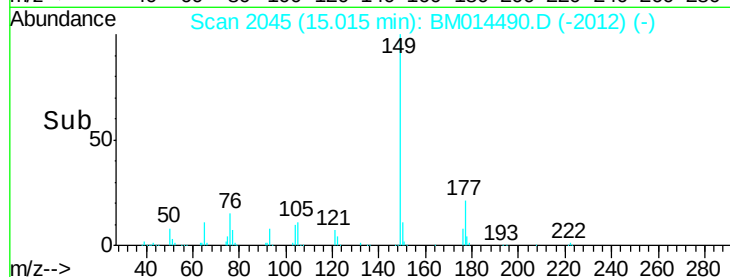
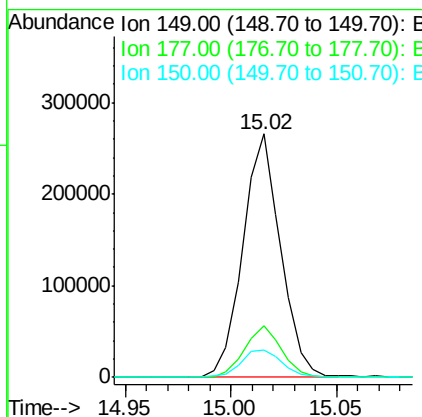
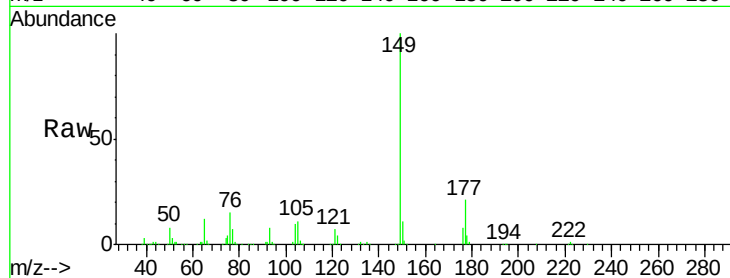




#56  
Diethylphthalate  
Concen: 17.912 ng/ul  
RT: 15.02 min Scan# 2045  
Delta R.T. -0.01 min  
Lab File: BM014490.D  
Acq: 06 Mar 2018 01:35

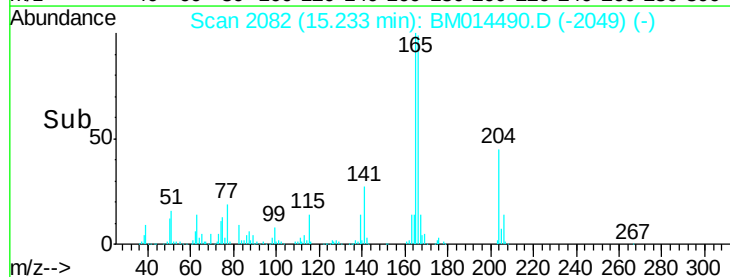
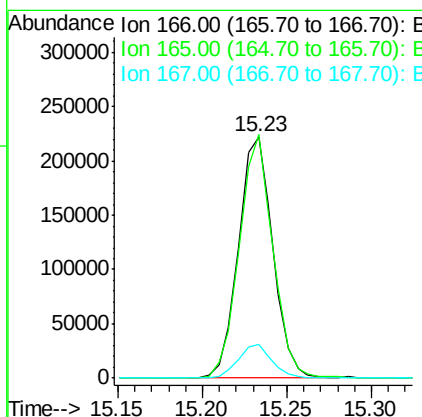
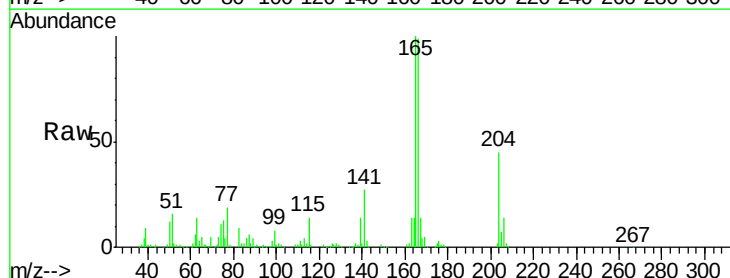
Instrument :  
BNA\_M  
ClientSampleId :

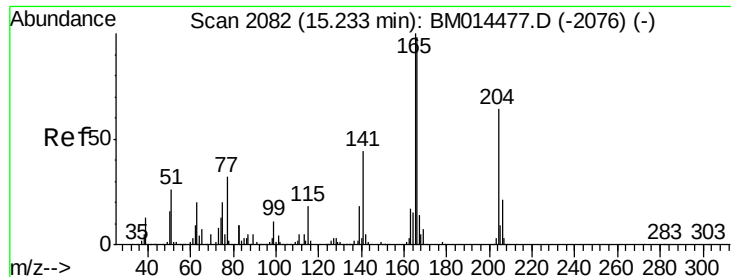
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.3  | 20.5  | 30.7  |
| 150     | 11.1  | 10.6  | 15.8  |



#58  
Fluorene  
Concen: 17.713 ng/ul  
RT: 15.23 min Scan# 2082  
Delta R.T. -0.01 min  
Lab File: BM014490.D  
Acq: 06 Mar 2018 01:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 101.0 | 77.9  | 116.9 |
| 167     | 14.2  | 10.6  | 16.0  |

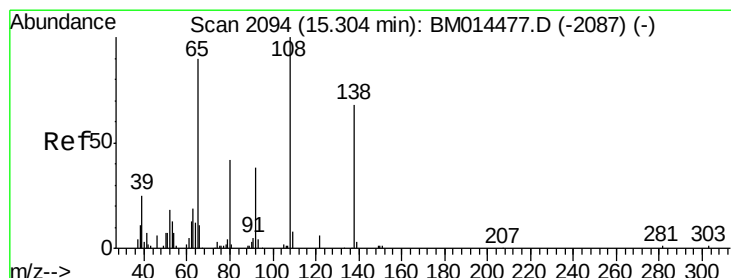
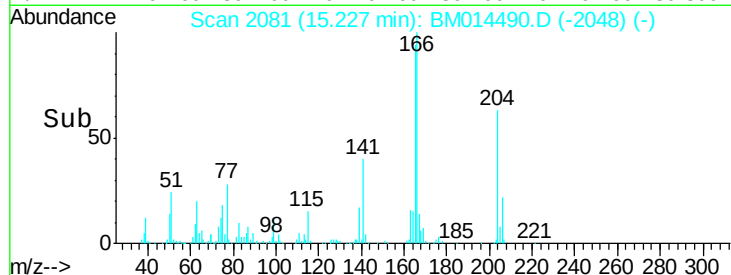
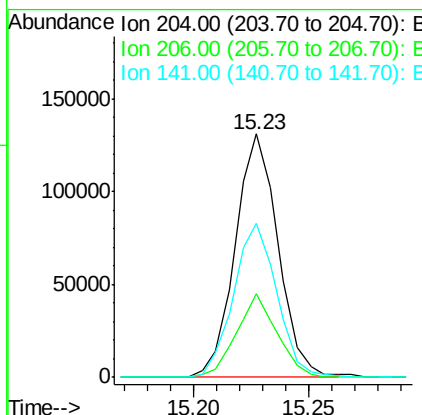
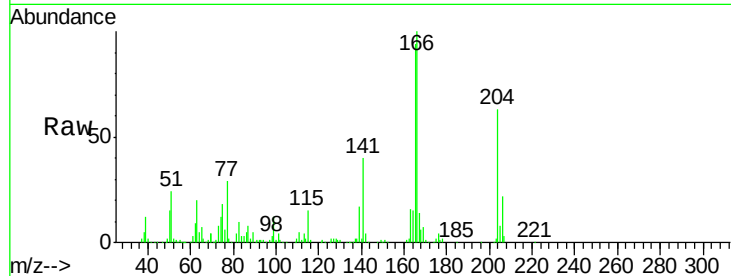




#59  
4-Chlorophenyl-phenylether  
Concen: 18.219 ng/ul  
RT: 15.23 min Scan# 2081  
Delta R.T. -0.01 min  
Lab File: BM014490.D  
Acq: 06 Mar 2018 01:35

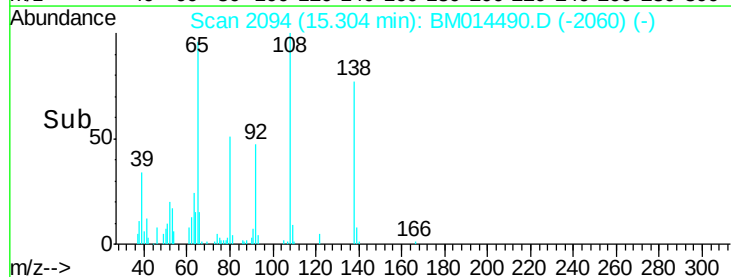
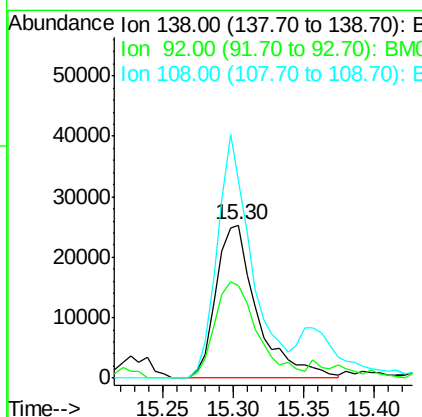
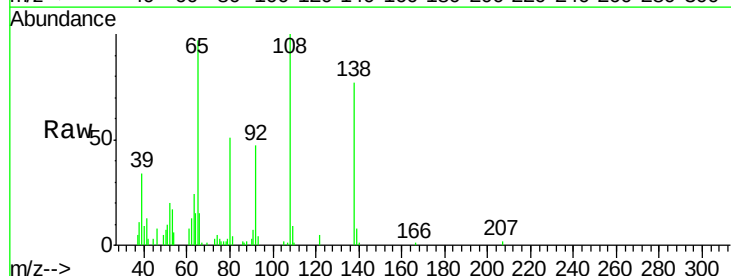
Instrument :  
BNA\_M  
ClientSampleId :

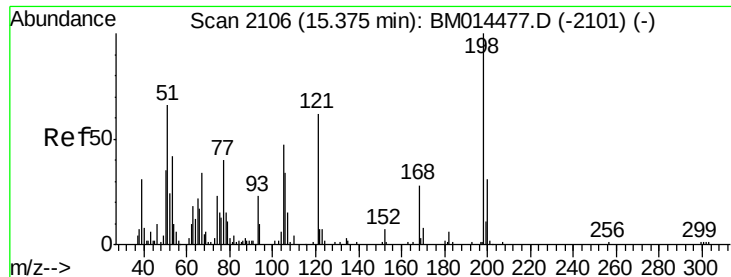
Tot Ion:204 Resp: 169238  
Ion Ratio Lower Upper  
204 100  
206 34.4 24.8 37.2  
141 63.3 44.3 66.5



#60  
4-Nitroaniline  
Concen: 17.317 ng/ul  
RT: 15.30 min Scan# 2094  
Delta R.T. -0.00 min  
Lab File: BM014490.D  
Acq: 06 Mar 2018 01:35

Tgt Ion:138 Resp: 51550  
Ion Ratio Lower Upper  
138 100  
92 60.2 40.0 60.0#  
108 129.2 80.0 120.0#





#63

4,6-Dinitro-2-methylphenol

Concen: 15.974 ng/ul

RT: 15.37 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

Instrument :

BNA\_M

ClientSampleId :

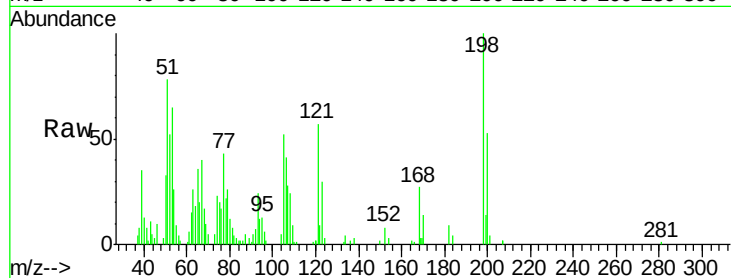
Tot Ion:198 Resp: 43086

Ion Ratio Lower Upper

198 100

182 8.6 3.8 5.6#

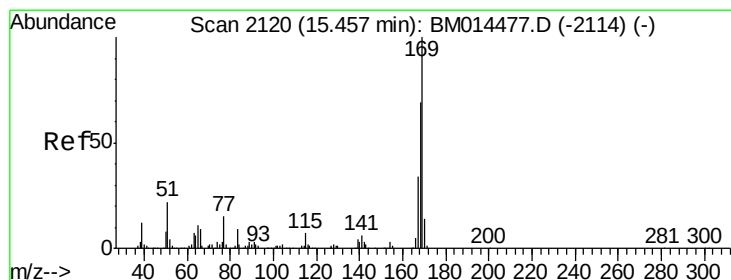
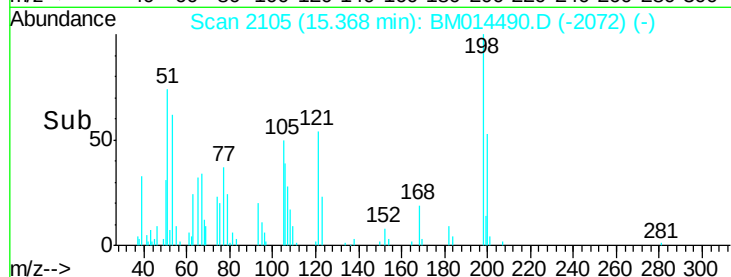
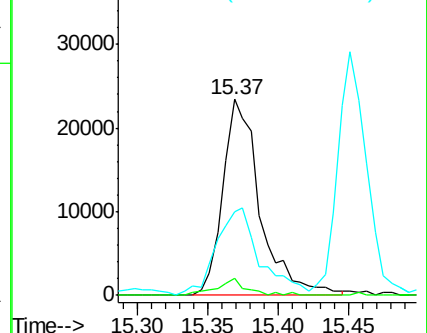
77 42.7 25.2 37.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): B



#64

N-Nitrosodiphenylamine

Concen: 20.463 ng/ul

RT: 15.46 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

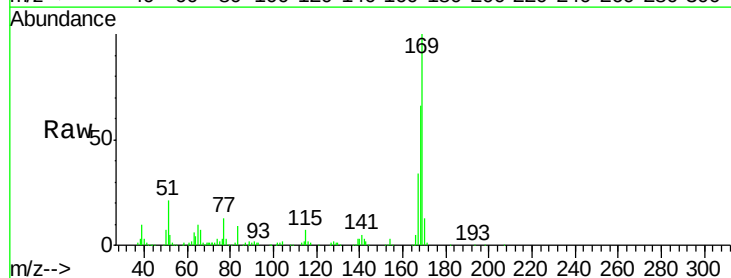
Tgt Ion:169 Resp: 259781

Ion Ratio Lower Upper

169 100

168 65.7 54.0 81.0

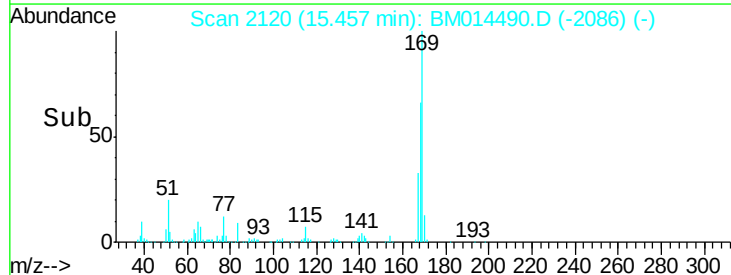
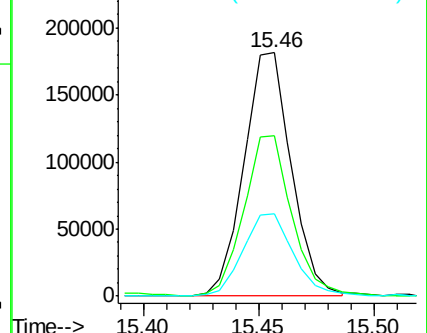
167 33.6 29.1 43.7

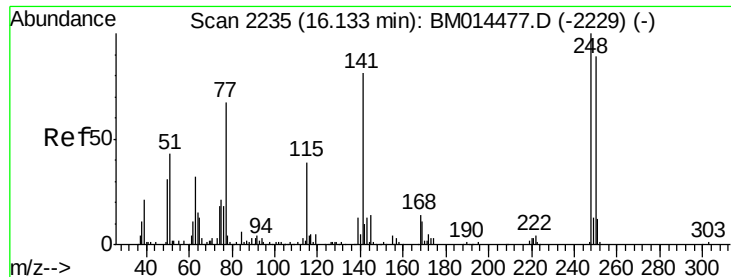


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

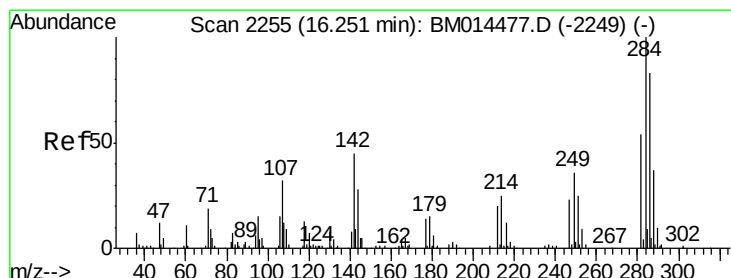
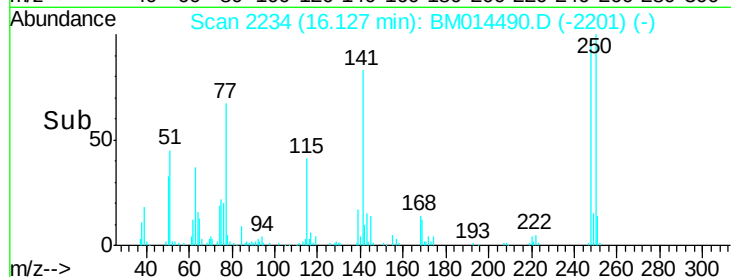
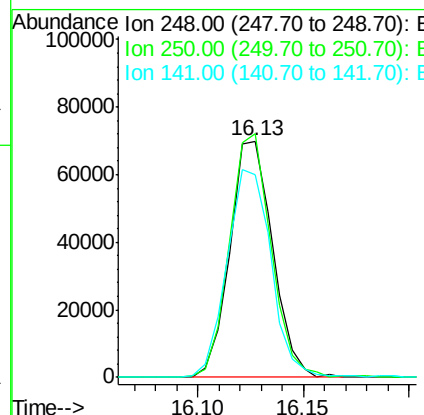
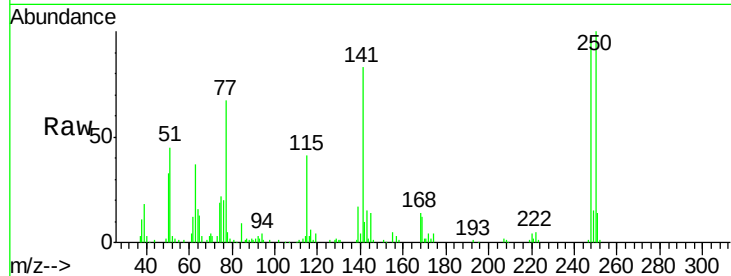




#65  
 4-Bromophenyl-phenylether  
 Concen: 19.855 ng/ul  
 RT: 16.13 min Scan# 2234  
 Delta R.T. -0.01 min  
 Lab File: BM014490.D  
 Acq: 06 Mar 2018 01:35

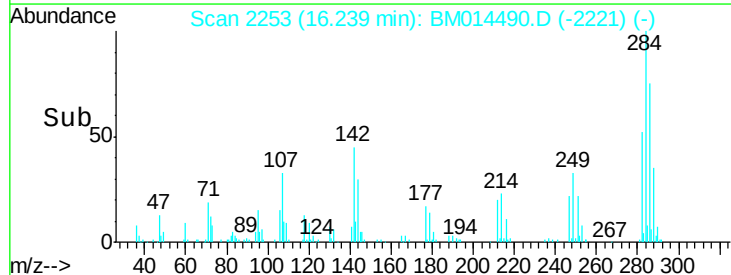
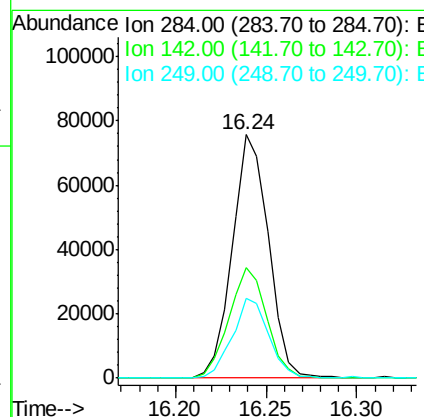
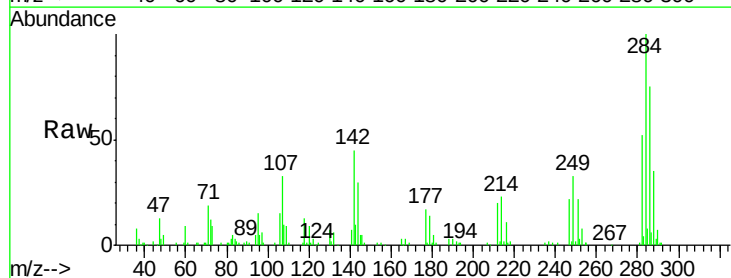
Instrument :  
 BNA\_M  
 ClientSampled :

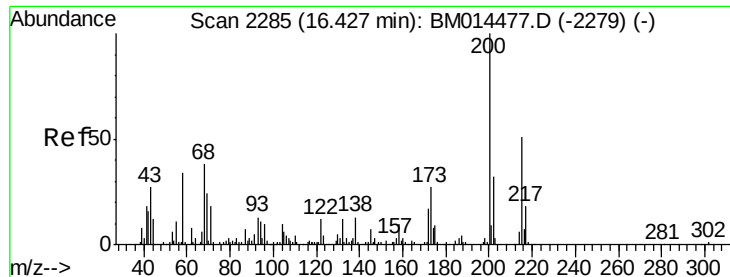
Tot Ion:248 Resp: 97873  
 Ion Ratio Lower Upper  
 248 100  
 250 102.9 80.5 120.7  
 141 85.8 53.6 80.4#



#66  
 Hexachlorobenzene  
 Concen: 20.257 ng/ul  
 RT: 16.24 min Scan# 2253  
 Delta R.T. -0.01 min  
 Lab File: BM014490.D  
 Acq: 06 Mar 2018 01:35

Tgt Ion:284 Resp: 105011  
 Ion Ratio Lower Upper  
 284 100  
 142 45.4 21.2 31.8#  
 249 33.0 24.5 36.7





#67

Atrazine

Concen: 19.504 ng/ul

RT: 16.42 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

Instrument :

BNA\_M

ClientSampleId :

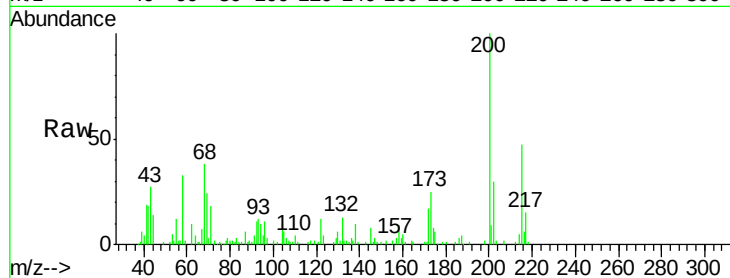
Tot Ion:200 Resp: 97785

Ion Ratio Lower Upper

200 100

173 24.6 18.2 27.2

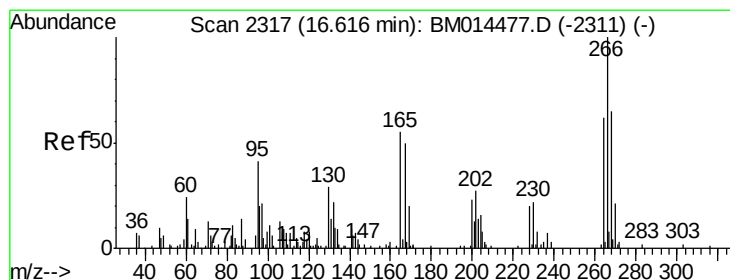
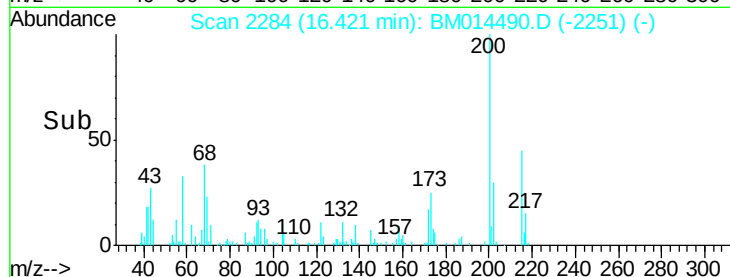
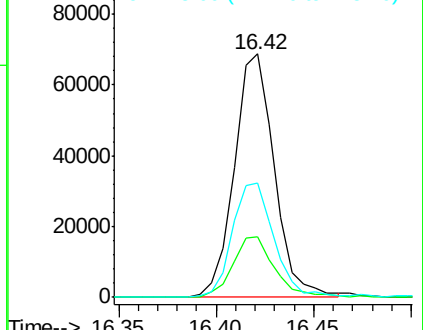
215 46.7 35.0 52.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#68

Pentachlorophenol

Concen: 21.074 ng/ul

RT: 16.61 min Scan# 2316

Delta R.T. -0.01 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

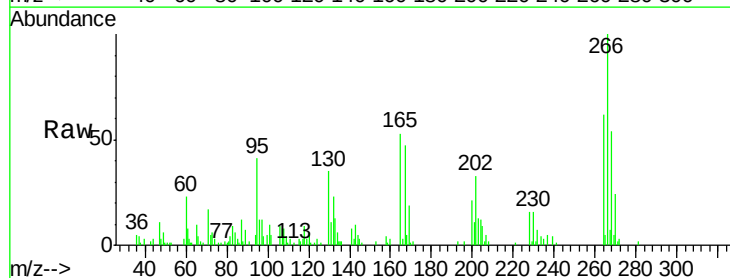
Tgt Ion:266 Resp: 57247

Ion Ratio Lower Upper

266 100

264 61.9 49.3 73.9

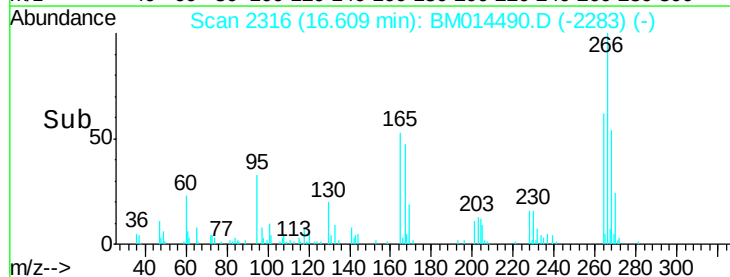
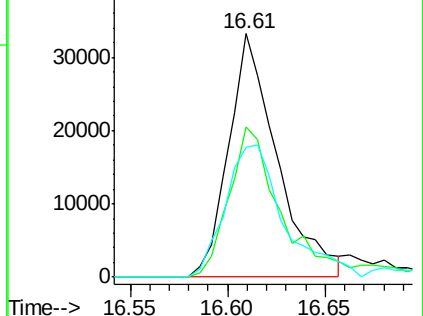
268 53.5 52.6 78.8

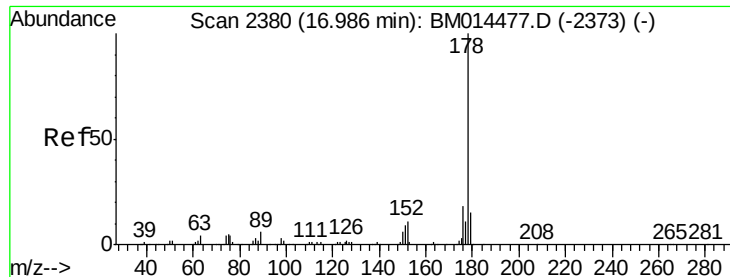


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 19.120 ng/ul

RT: 16.98 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

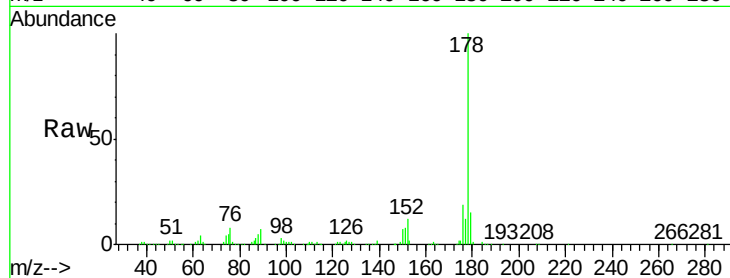
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:178 Resp: 486649

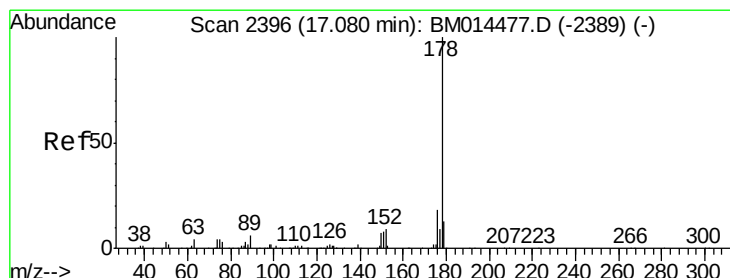
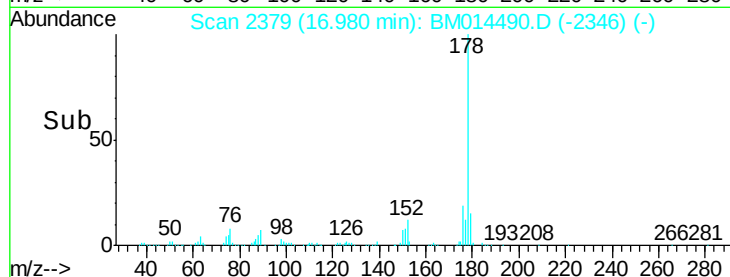
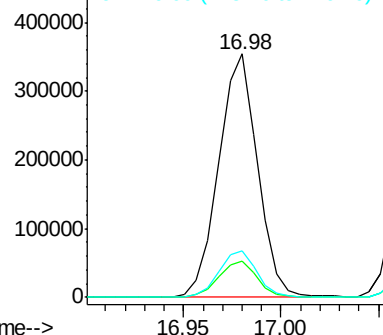
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 14.8  | 12.6  | 19.0  |
| 176 | 19.3  | 14.9  | 22.3  |



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 19.017 ng/ul

RT: 17.07 min Scan# 2394

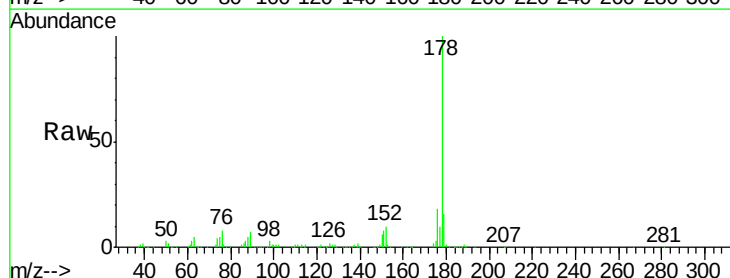
Delta R.T. -0.01 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

Tgt Ion:178 Resp: 486792

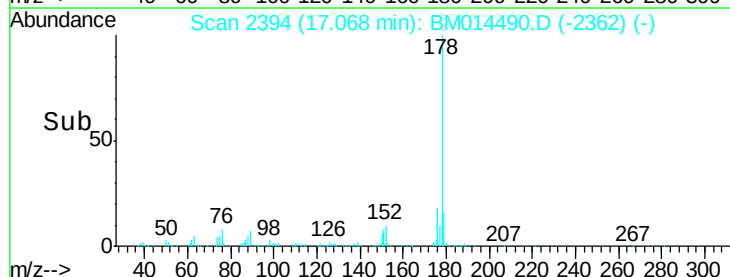
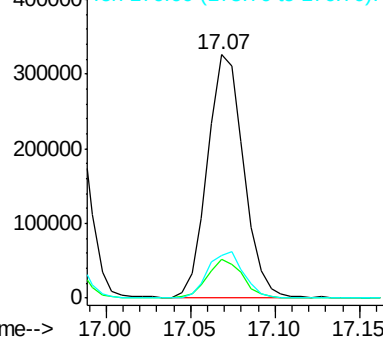
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 16.1  | 11.7  | 17.5  |
| 176 | 17.6  | 14.6  | 21.8  |

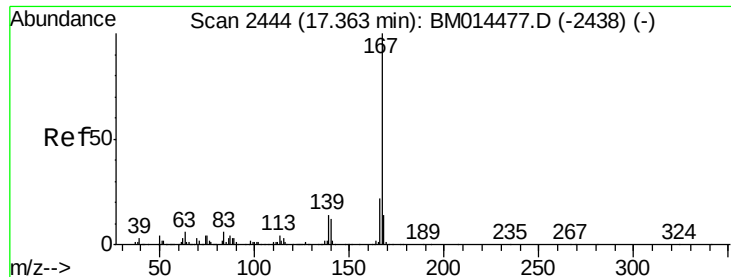


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

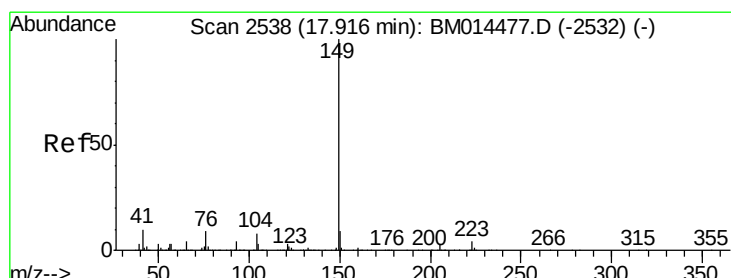
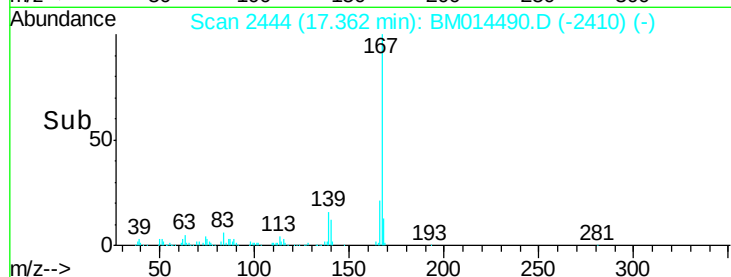
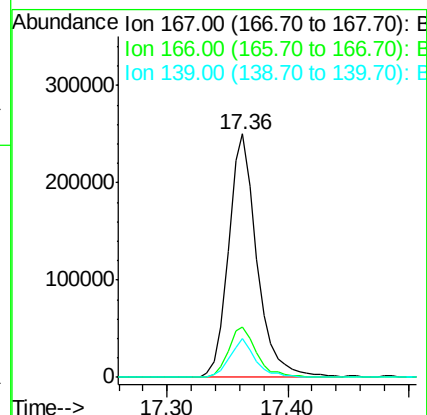
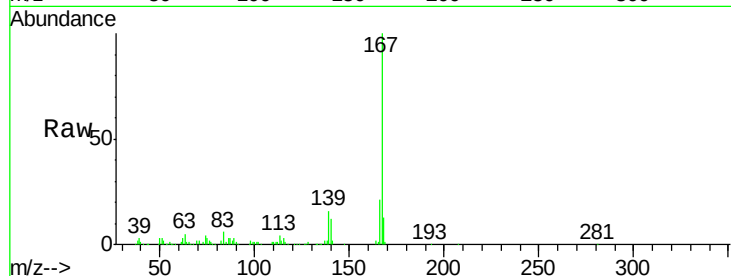




#72  
 Carbazole  
 Concen: 18.943 ng/ul  
 RT: 17.36 min Scan# 2444  
 Delta R.T. -0.00 min  
 Lab File: BM014490.D  
 Acq: 06 Mar 2018 01:35

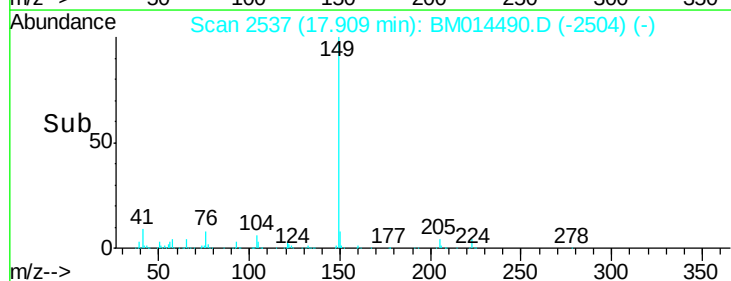
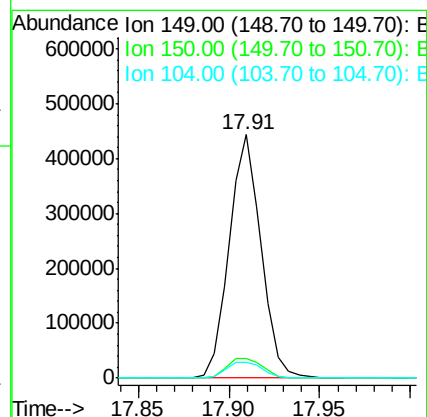
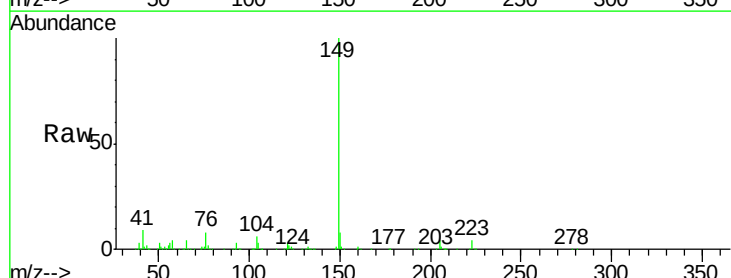
Instrument :  
 BNA\_M  
 ClientSampleId :

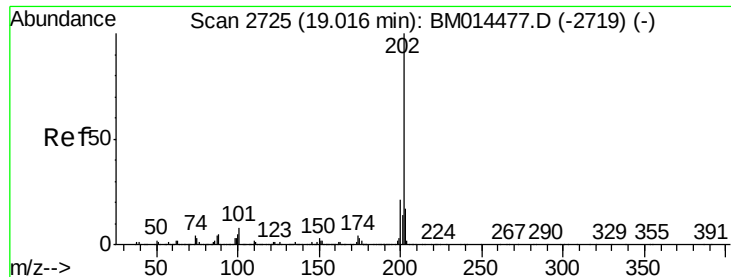
Tot Ion:167 Resp: 407733  
 Ion Ratio Lower Upper  
 167 100  
 166 20.6 17.1 25.7  
 139 16.0 10.0 15.0#



#73  
 Di-n-butylphthalate  
 Concen: 19.325 ng/ul  
 RT: 17.91 min Scan# 2537  
 Delta R.T. -0.01 min  
 Lab File: BM014490.D  
 Acq: 06 Mar 2018 01:35

Tgt Ion:149 Resp: 536634  
 Ion Ratio Lower Upper  
 149 100  
 150 8.2 7.1 10.7  
 104 6.4 5.6 8.4

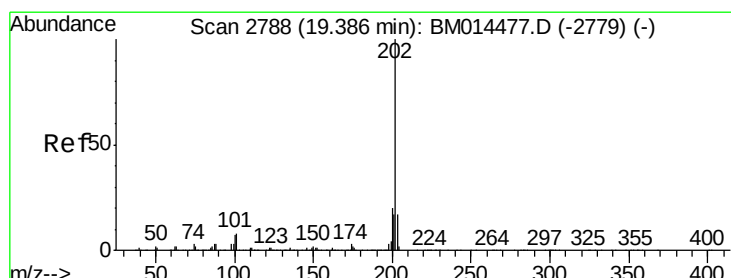
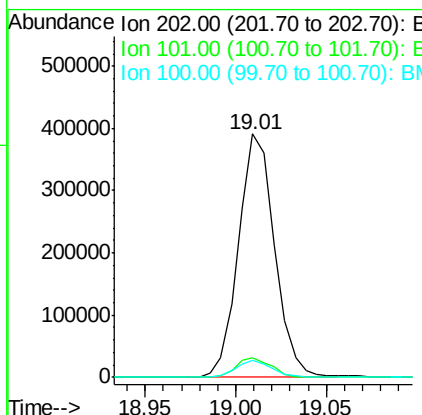
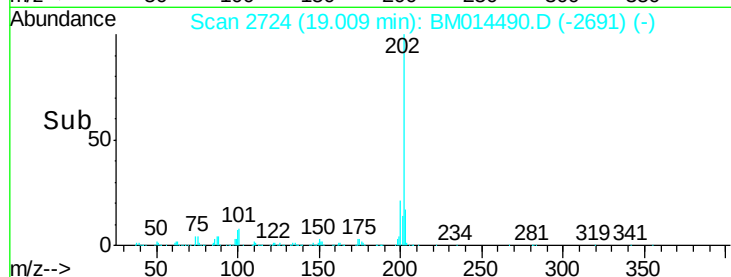
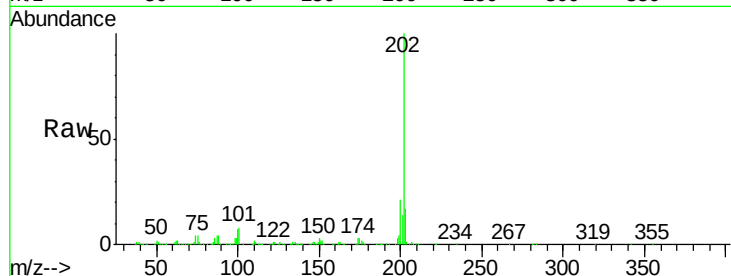




#74  
Fluoranthene  
Concen: 17.847 ng/ul  
RT: 19.01 min Scan# 2724  
Delta R.T. -0.01 min  
Lab File: BM014490.D  
Acq: 06 Mar 2018 01:35

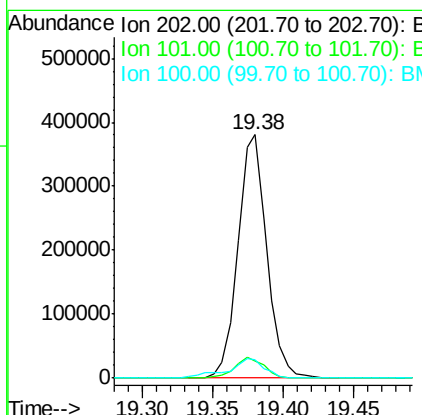
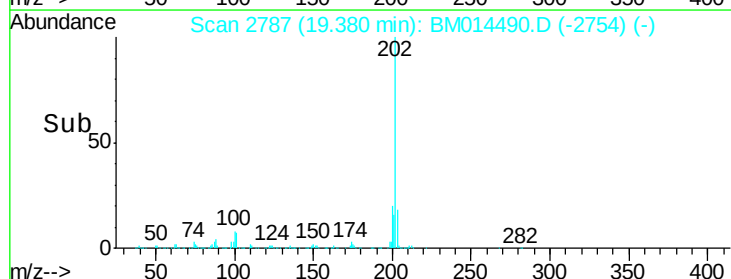
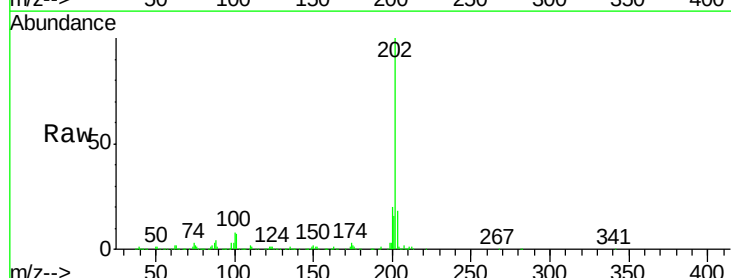
Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 8.2   | 4.6   | 7.0#  |
| 100     | 6.9   | 3.4   | 5.2#  |

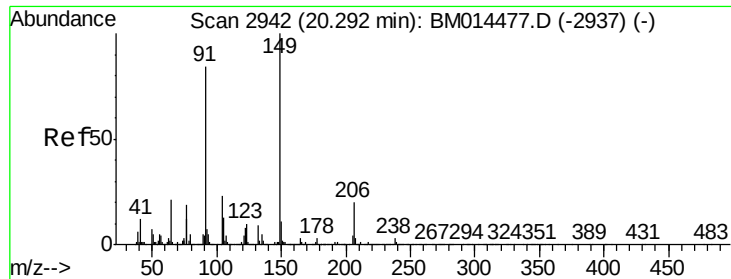


#77  
Pyrene  
Concen: 21.264 ng/ul  
RT: 19.38 min Scan# 2787  
Delta R.T. -0.01 min  
Lab File: BM014490.D  
Acq: 06 Mar 2018 01:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 7.2   | 5.1   | 7.7   |
| 100     | 7.6   | 4.9   | 7.3#  |



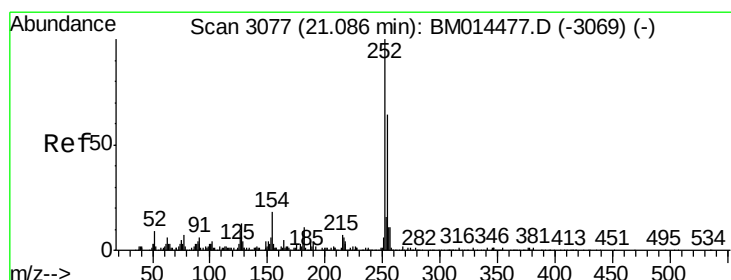
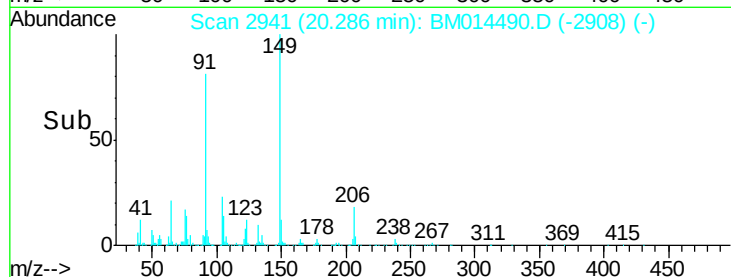
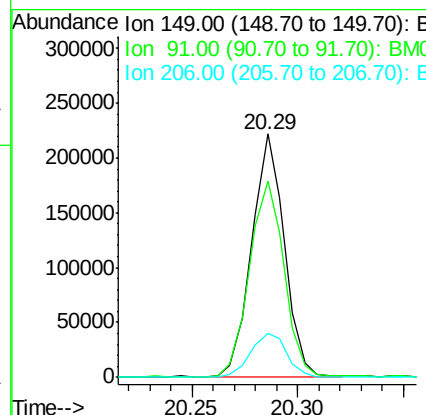
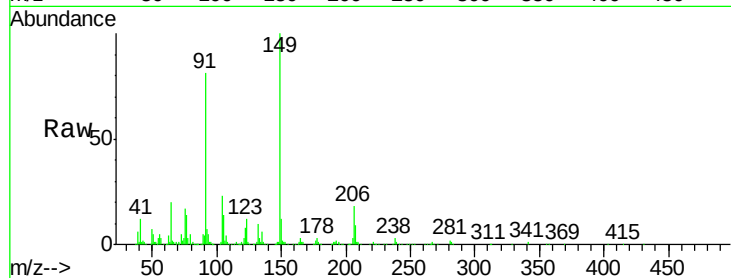




#78  
Butylbenzylphthalate  
Concen: 22.597 ng/ul  
RT: 20.29 min Scan# 2941  
Delta R.T. -0.01 min  
Lab File: BM014490.D  
Acq: 06 Mar 2018 01:35

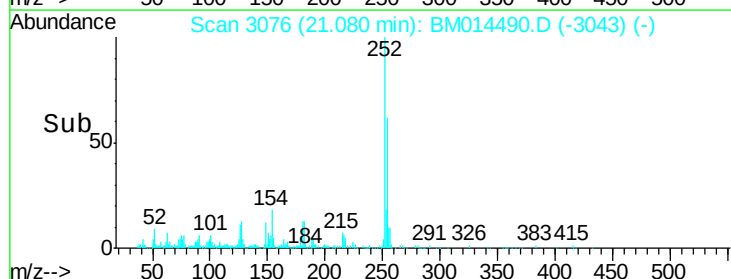
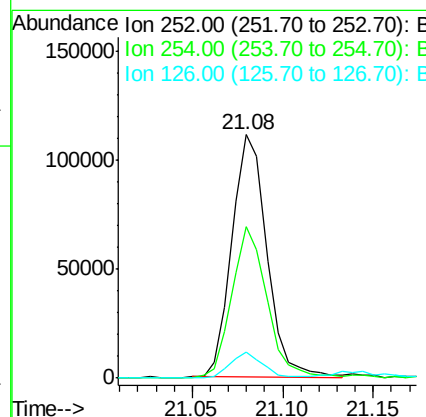
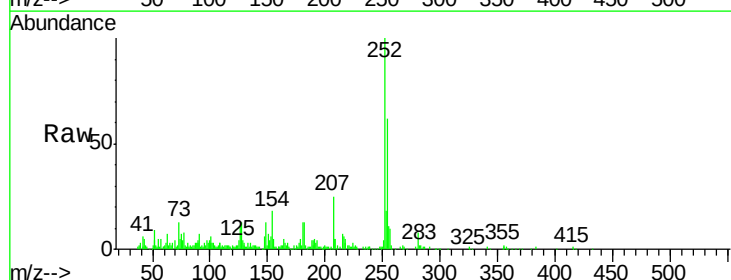
Instrument :  
BNA\_M  
ClientSampleId :

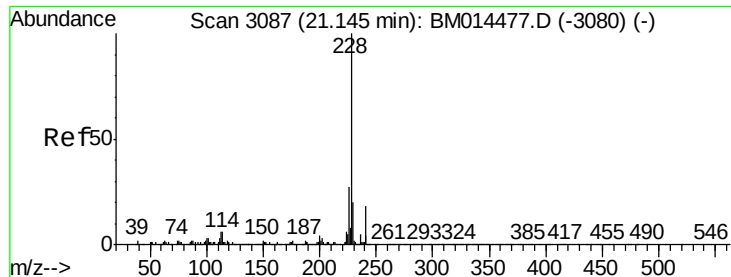
Tot Ion:149 Resp: 237892  
Ion Ratio Lower Upper  
149 100  
91 80.8 62.7 94.1  
206 17.9 20.8 31.2#



#79  
3,3'-Dichlorobenzidine  
Concen: 22.111 ng/ul  
RT: 21.08 min Scan# 3076  
Delta R.T. -0.01 min  
Lab File: BM014490.D  
Acq: 06 Mar 2018 01:35

Tgt Ion:252 Resp: 148934  
Ion Ratio Lower Upper  
252 100  
254 62.2 54.5 81.7  
126 10.8 5.8 8.8#





#80

Benzo(a)anthracene

Concen: 19.707 ng/ul

RT: 21.14 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

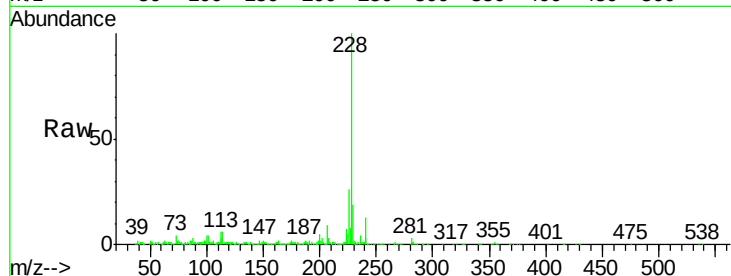
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:228 Resp: 471224

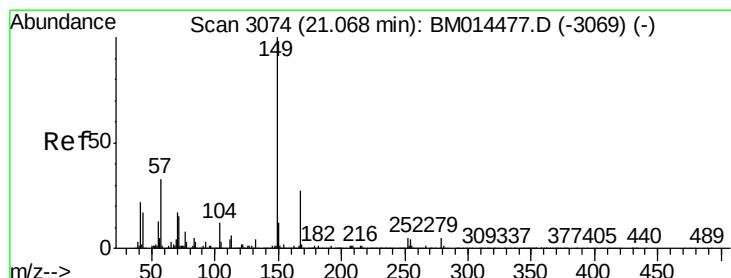
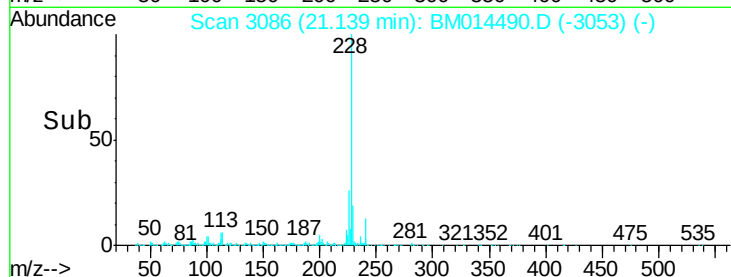
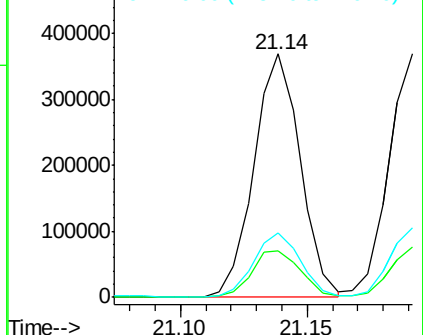
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 229 | 18.9  | 15.4  | 23.0  |
| 226 | 26.5  | 21.4  | 32.0  |



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 21.292 ng/ul

RT: 21.06 min Scan# 3073

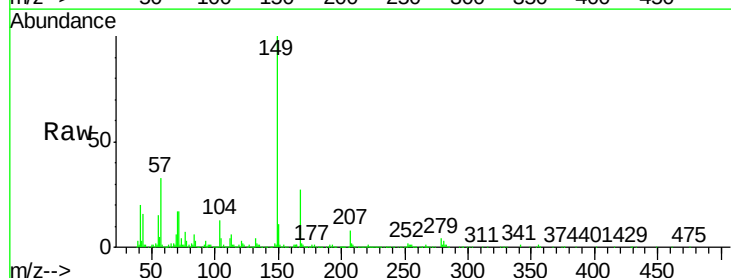
Delta R.T. -0.01 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

Tgt Ion:149 Resp: 321040

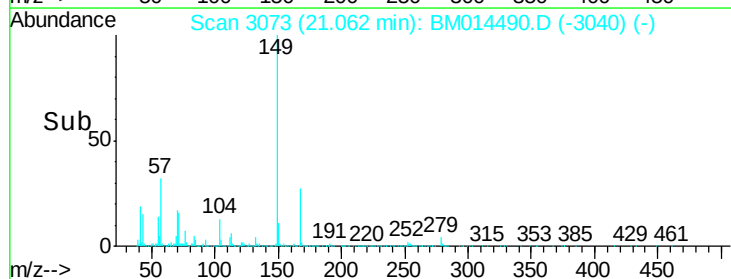
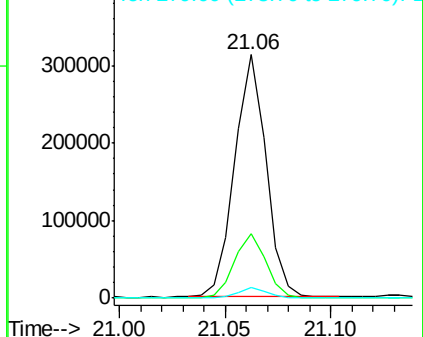
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.7  | 22.8  | 34.2  |
| 279 | 4.4   | 4.9   | 7.3#  |

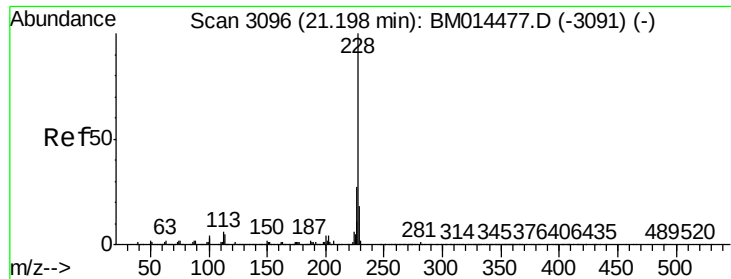


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 20.123 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

Instrument :

BNA\_M

ClientSampleId :

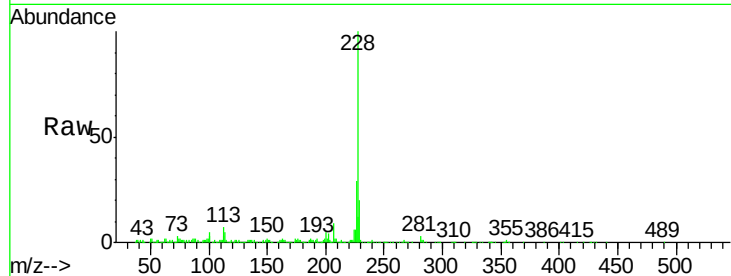
Tot Ion:228 Resp: 448868

Ion Ratio Lower Upper

228 100

226 28.7 23.4 35.2

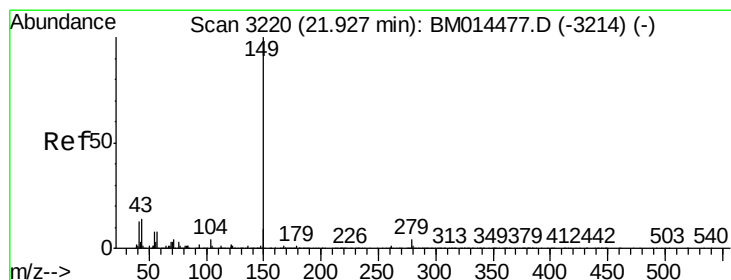
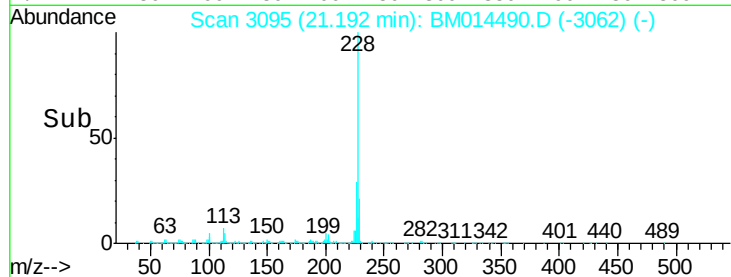
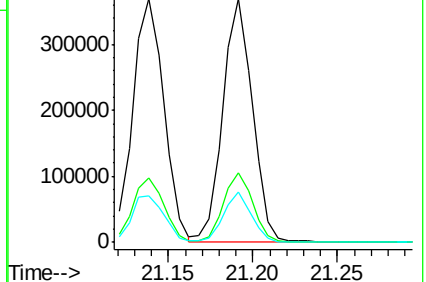
229 20.5 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 16.645 ng/ul

RT: 21.93 min Scan# 3220

Delta R.T. -0.00 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

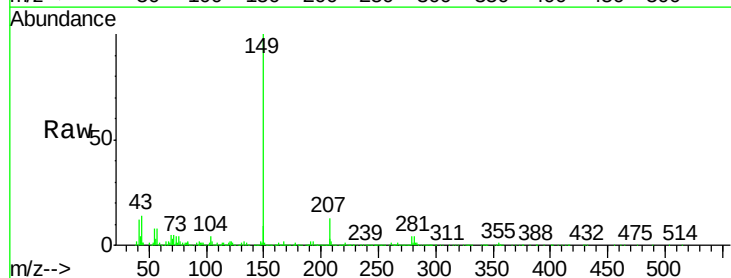
Tgt Ion:149 Resp: 503126

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

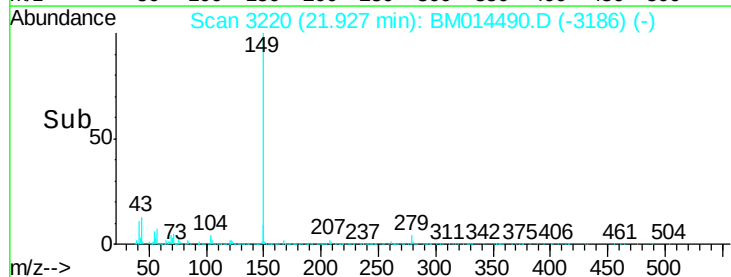
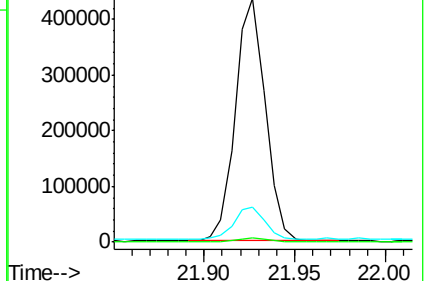
43 14.2 7.3 10.9#

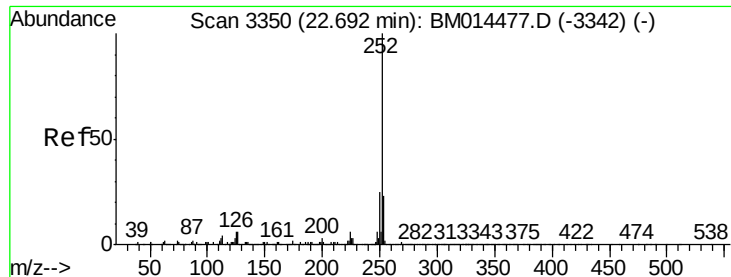


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Benzo(b)fluoranthene

Concen: 17.645 ng/ul

RT: 22.69 min Scan# 3349

Delta R.T. -0.01 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

Instrument :

BNA\_M

ClientSampleId :

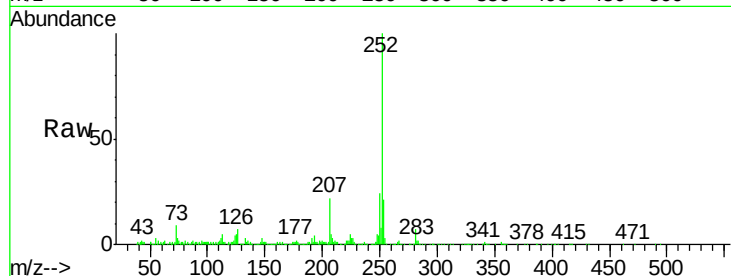
Tot Ion:252 Resp: 416185

Ion Ratio Lower Upper

252 100

253 21.1 17.9 26.9

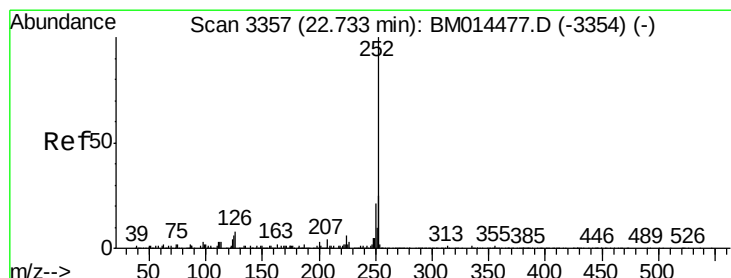
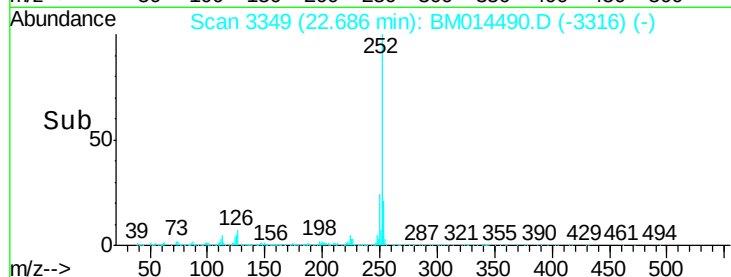
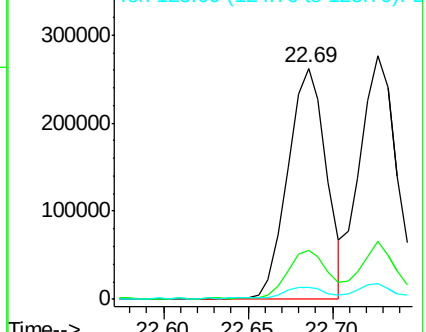
125 4.9 3.6 5.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 18.559 ng/ul

RT: 22.69 min Scan# 3349

Delta R.T. -0.05 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

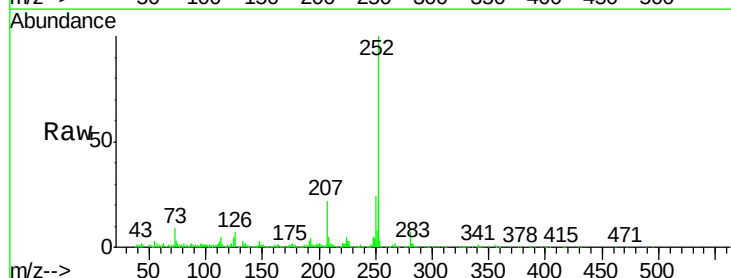
Tgt Ion:252 Resp: 416185

Ion Ratio Lower Upper

252 100

253 21.1 17.1 25.7

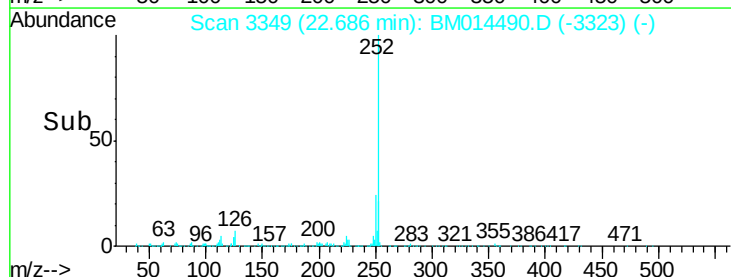
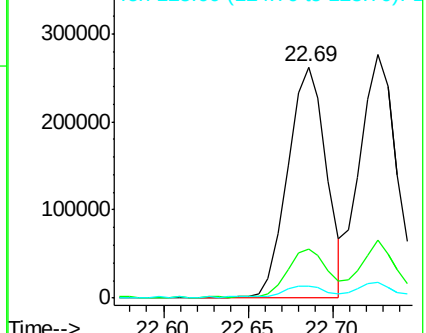
125 4.9 3.4 5.2

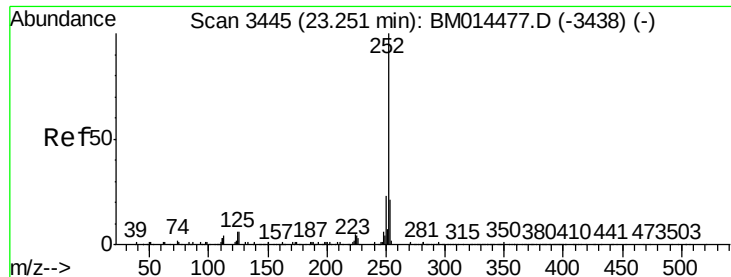


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 19.574 ng/ul

RT: 23.24 min Scan# 3443

Delta R.T. -0.01 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

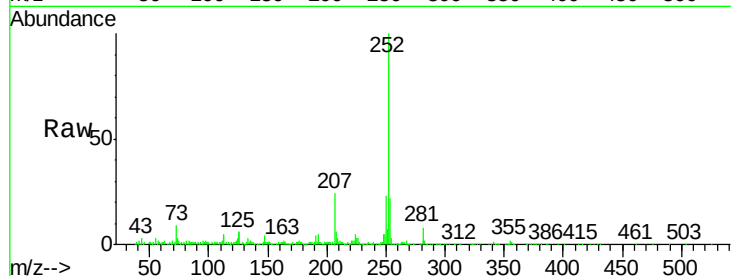
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:252 Resp: 412555

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.6  | 18.2  | 27.2  |
| 125 | 6.2   | 4.0   | 6.0#  |

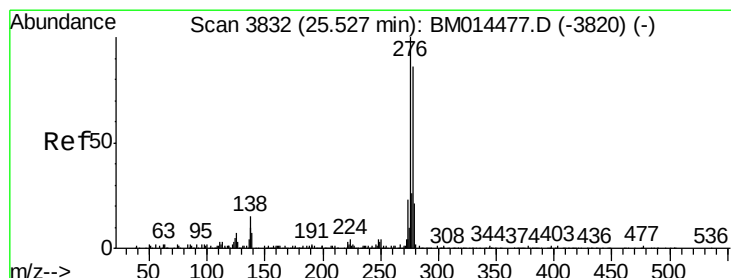
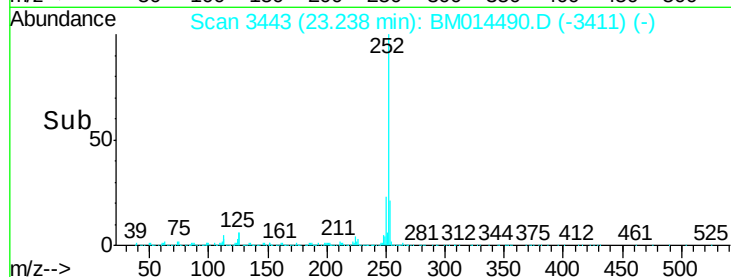
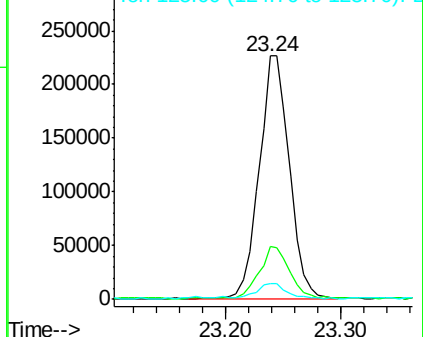


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 22.931 ng/ul

RT: 25.51 min Scan# 3830

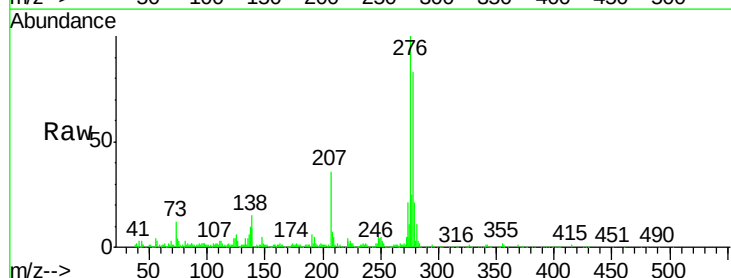
Delta R.T. -0.01 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

Tgt Ion:276 Resp: 469005

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 14.5  | 9.3   | 13.9# |
| 277 | 25.1  | 19.9  | 29.9  |

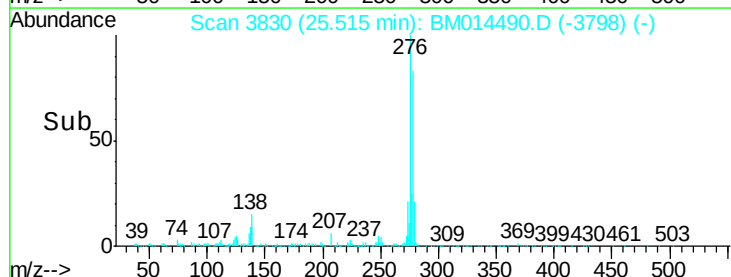
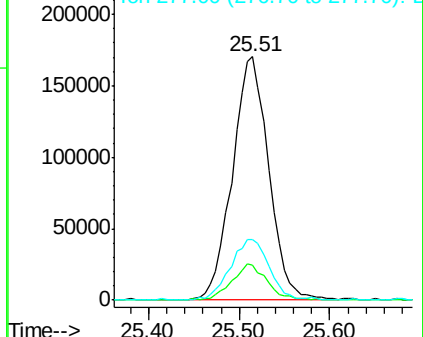


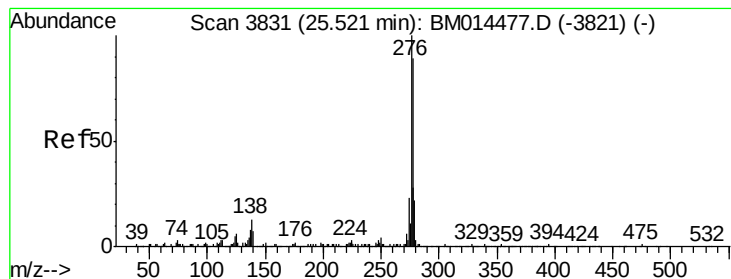
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 23.380 ng/ul

RT: 25.51 min Scan# 3829

Delta R.T. -0.01 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

Instrument :

BNA\_M

ClientSampleId :

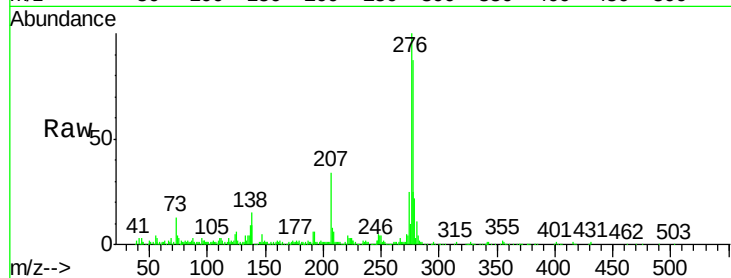
Tot Ion:278 Resp: 397339

Ion Ratio Lower Upper

278 100

139 10.2 5.8 8.8#

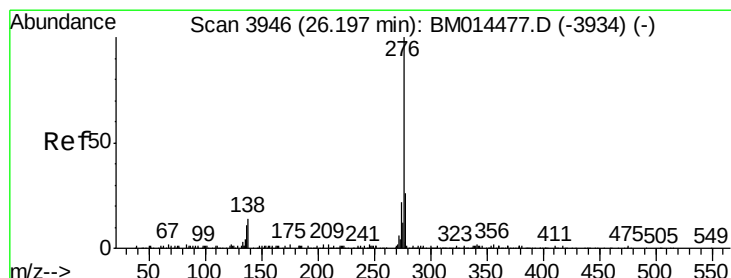
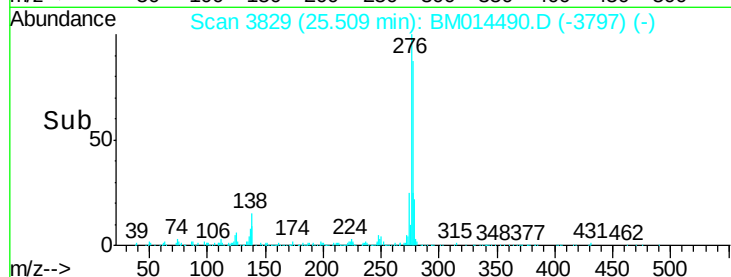
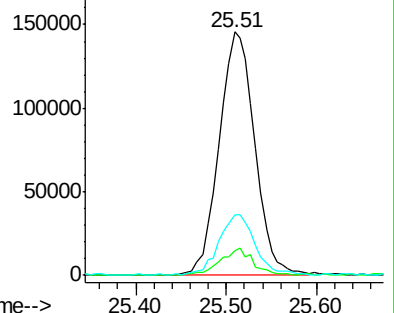
279 24.8 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 23.125 ng/ul

RT: 26.19 min Scan# 3944

Delta R.T. -0.01 min

Lab File: BM014490.D

Acq: 06 Mar 2018 01:35

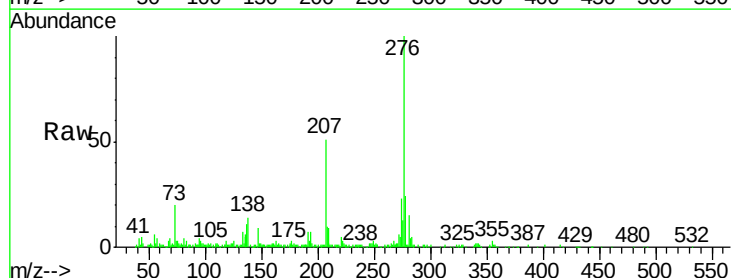
Tgt Ion:276 Resp: 383140

Ion Ratio Lower Upper

276 100

138 13.5 8.5 12.7#

277 23.6 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

