

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\  
 Data File : BM023373.D  
 Acq On : 24 Oct 2019 11:22  
 Operator : JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 24 11:59:07 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 23 18:47:16 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.63  | 152  | 465183   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.41 | 136  | 1910462  | 20.00 | ng/ul | -0.01    |
| 36) Acenaphthene-d10      | 14.28 | 164  | 1177501  | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.03 | 188  | 2471323  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.22 | 240  | 2668996  | 20.00 | ng/ul | -0.01    |
| 86) Perylene-d12          | 23.41 | 264  | 3134313  | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.15  | 96  | 80294   | 8.20  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.81  | 99  | 733259  | 18.77 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.97  | 67  | 436342  | 19.05 | ng/ul | -0.01 |
| 9) 2-Chlorophenol-d4           | 7.17  | 132 | 571614  | 18.72 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.34  | 113 | 568145  | 17.90 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5            | 8.78  | 128 | 274187  | 19.06 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.50  | 143 | 281020  | 17.61 | ng/ul | -0.01 |
| 26) 2,4-Dichlorophenol-d3      | 10.03 | 165 | 589794  | 18.81 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4         | 10.55 | 131 | 628918  | 17.44 | ng/ul | -0.01 |
| 44) Dimethylphthalate-d6       | 13.70 | 166 | 1653388 | 18.49 | ng/ul | 0.00  |
| 47) Acenaphthylene-d8          | 13.97 | 160 | 1977265 | 19.30 | ng/ul | -0.01 |
| 52) 4-Nitrophenol-d4           | 14.48 | 143 | 285367  | 18.42 | ng/ul | -0.01 |
| 58) Fluorene-d10               | 15.27 | 176 | 1441232 | 19.03 | ng/ul | -0.01 |
| 63) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 170818  | 11.10 | ng/ul | -0.01 |
| 71) Anthracene-d10             | 17.12 | 188 | 2244783 | 19.22 | ng/ul | -0.01 |
| 79) Pyrene-d10                 | 19.42 | 212 | 2528462 | 17.23 | ng/ul | 0.00  |
| 90) Benzo(a)pyrene-d12         | 23.27 | 264 | 3017121 | 18.90 | ng/ul | -0.01 |

## Target Compounds

|                                |       |     |         |        | Ovalue    |
|--------------------------------|-------|-----|---------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.19  | 88  | 84871   | 8.143  | ng/uL 96  |
| 4) Benzaldehyde                | 6.77  | 77  | 328677  | 14.612 | ng/ul 99  |
| 6) Phenol                      | 6.83  | 94  | 762122  | 18.943 | ng/ul 99  |
| 8) Bis(2-Chloroethyl)ether     | 7.06  | 93  | 588305  | 18.753 | ng/ul 99  |
| 10) 2-Chlorophenol             | 7.20  | 128 | 613771  | 19.182 | ng/ul 99  |
| 11) 2-Methylphenol             | 8.07  | 108 | 557991  | 18.139 | ng/ul 98  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.16  | 45  | 845904  | 18.883 | ng/ul 98  |
| 14) Acetophenone               | 8.45  | 105 | 899300  | 18.140 | ng/ul 98  |
| 15) N-Nitroso-di-n-propylamine | 8.44  | 70  | 474134  | 16.929 | ng/ul 99  |
| 16) 4-Methylphenol             | 8.40  | 108 | 609706  | 18.080 | ng/ul 97  |
| 17) Hexachloroethane           | 8.70  | 117 | 244642  | 18.370 | ng/ul 98  |
| 20) Nitrobenzene               | 8.82  | 77  | 692437  | 19.656 | ng/ul 100 |
| 21) Isophorone                 | 9.35  | 82  | 1254897 | 17.780 | ng/ul 99  |
| 23) 2-Nitrophenol              | 9.53  | 139 | 316859  | 18.176 | ng/ul 97  |
| 24) 2,4-Dimethylphenol         | 9.60  | 107 | 674608  | 18.739 | ng/ul 99  |
| 25) Bis(2-Chloroethoxy)methane | 9.83  | 93  | 781257  | 17.998 | ng/ul 98  |
| 27) 2,4-Dichlorophenol         | 10.06 | 162 | 579170  | 18.724 | ng/ul 99  |
| 28) Naphthalene                | 10.46 | 128 | 1898661 | 19.390 | ng/ul 100 |
| 30) 4-Chloroaniline            | 10.57 | 127 | 664169  | 17.763 | ng/ul 99  |
| 31) Hexachlorobutadiene        | 10.76 | 225 | 390940  | 19.363 | ng/ul 99  |
| 32) Caprolactam                | 11.35 | 113 | 172113  | 18.125 | ng/ul 99  |
| 33) 4-Chloro-3-methylphenol    | 11.70 | 107 | 607196  | 17.803 | ng/ul 100 |
| 34) 2-Methylnaphthalene        | 12.08 | 142 | 1378202 | 18.426 | ng/ul 99  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\  
 Data File : BM023373.D  
 Acq On : 24 Oct 2019 11:22  
 Operator : JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 24 11:59:07 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 23 18:47:16 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 35) 1-Methylnaphthalene        | 12.30 | 142  | 1320101  | 18.289 | ng/ul  | 99       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.46 | 216  | 738638   | 19.863 | ng/ul  | 99       |
| 38) Hexachlorocyclopentadiene  | 12.45 | 237  | 228335   | 9.257  | ng/ul  | 97       |
| 39) 2,4,6-Trichlorophenol      | 12.70 | 196  | 465031   | 19.193 | ng/ul  | 98       |
| 40) 2,4,5-Trichlorophenol      | 12.77 | 196  | 497681   | 19.146 | ng/ul  | 96       |
| 41) 1,1'-Biphenyl              | 13.11 | 154  | 1782891  | 19.526 | ng/ul  | 100      |
| 42) 2-Chloronaphthalene        | 13.15 | 162  | 1380145  | 19.835 | ng/ul  | 99       |
| 43) 2-Nitroaniline             | 13.35 | 65   | 373261   | 19.199 | ng/ul  | 99       |
| 45) Dimethylphthalate          | 13.75 | 163  | 1653924  | 18.422 | ng/ul  | 100      |
| 46) 2,6-Dinitrotoluene         | 13.86 | 165  | 322162   | 18.113 | ng/ul  | 97       |
| 48) Acenaphthylene             | 14.00 | 152  | 2068110  | 19.477 | ng/ul  | 99       |
| 49) 3-Nitroaniline             | 14.18 | 138  | 312370   | 19.437 | ng/ul  | 94       |
| 50) Acenaphthene               | 14.35 | 153  | 1439770  | 19.276 | ng/ul  | 100      |
| 51) 2,4-Dinitrophenol          | 14.39 | 184  | 102331   | 9.545  | ng/ul  | 97       |
| 53) 4-Nitrophenol              | 14.50 | 109  | 240012   | 19.461 | ng/ul  | 97       |
| 54) Dibenzofuran               | 14.68 | 168  | 2066202  | 19.316 | ng/ul  | 99       |
| 55) 2,4-Dinitrotoluene         | 14.64 | 165  | 471789   | 18.299 | ng/ul  | 96       |
| 56) 2,3,4,6-Tetrachlorophenol  | 14.91 | 232  | 444580   | 18.751 | ng/ul  | 97       |
| 57) Diethylphthalate           | 15.12 | 149  | 1670729  | 18.448 | ng/ul  | 99       |
| 59) Fluorene                   | 15.33 | 166  | 1669787  | 19.145 | ng/ul  | 100      |
| 60) 4-Chlorophenyl-phenylether | 15.33 | 204  | 857338   | 18.597 | ng/ul  | 100      |
| 61) 4-Nitroaniline             | 15.34 | 138  | 359824   | 20.059 | ng/ul  | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 15.42 | 198  | 192220   | 11.377 | ng/ul# | 94       |
| 65) N-Nitrosodiphenylamine     | 15.54 | 169  | 1465128  | 18.794 | ng/ul  | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.23 | 248  | 568426   | 18.015 | ng/ul  | 98       |
| 67) Hexachlorobenzene          | 16.34 | 284  | 669142   | 18.530 | ng/ul  | 99       |
| 68) Atrazine                   | 16.50 | 200  | 517294   | 18.157 | ng/ul  | 97       |
| 69) Pentachlorophenol          | 16.68 | 266  | 387585   | 18.070 | ng/ul  | 99       |
| 70) Phenanthrene               | 17.07 | 178  | 2711408  | 19.632 | ng/ul  | 99       |
| 72) Anthracene                 | 17.16 | 178  | 2786089  | 19.910 | ng/ul  | 99       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.07 | 216  | 714103   | 19.287 | ng/uL  | 98       |
| 74) Pentachlorobenzene         | 14.60 | 250  | 741615   | 18.692 | ng/uL  | 99       |
| 75) Carbazole                  | 17.43 | 167  | 2466958  | 20.913 | ng/ul  | 100      |
| 76) Di-n-butylphthalate        | 18.02 | 149  | 2825050  | 19.080 | ng/ul  | 99       |
| 77) Fluoranthene               | 19.09 | 202  | 3233071  | 22.443 | ng/ul  | 99       |
| 80) Pvrene                     | 19.45 | 202  | 3323271  | 17.633 | ng/ul  | 99       |
| 81) Butylbenzylphthalate       | 20.37 | 149  | 1322714  | 17.142 | ng/ul  | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.14 | 252  | 925073   | 14.492 | ng/ul  | 98       |
| 83) Benzo(a)anthracene         | 21.20 | 228  | 3426526  | 19.196 | ng/ul  | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.16 | 149  | 1910428  | 17.660 | ng/ul  | 99       |
| 85) Chrysene                   | 21.26 | 228  | 3206234  | 19.467 | ng/ul  | 100      |
| 87) Di-n-octyl phthalate       | 22.03 | 149  | 3266566  | 17.719 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 22.76 | 252  | 3663463  | 18.199 | ng/ul  | 100      |
| 89) Benzo(k)fluoranthene       | 22.80 | 252  | 3512983  | 18.585 | ng/ul  | 100      |
| 91) Benzo(a)pyrene             | 23.32 | 252  | 3451050  | 18.936 | ng/ul  | 100      |
| 92) Indeno(1,2,3-cd)pyrene     | 25.61 | 276  | 4242276  | 21.498 | ng/ul  | 100      |
| 93) Dibenzo(a,h)anthracene     | 25.63 | 278  | 3541250  | 21.283 | ng/ul  | 98       |
| 94) Benzo(a,h,i)perylene       | 26.28 | 276  | 3501917  | 21.813 | ng/ul  | 99       |

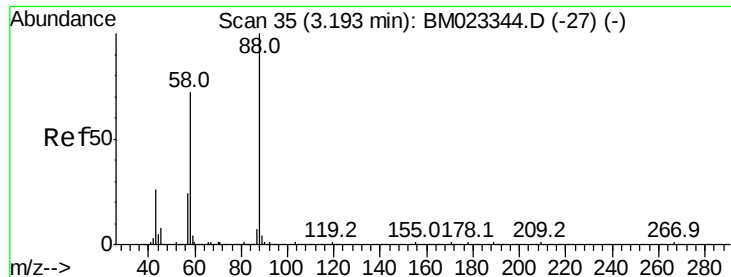
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\  
Data File : BM023373.D  
Acq On : 24 Oct 2019 11:22  
Operator : JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

Quant Time: Oct 24 11:59:07 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 23 18:47:16 2019  
Response via : Initial Calibration

| Internal Standards                                                   | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |





#2

1,4-Dioxane

Concen: 8.143 ng/uL

RT: 3.19 min Scan# 34

Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

Instrument :

BNA\_M

ClientSampleId :

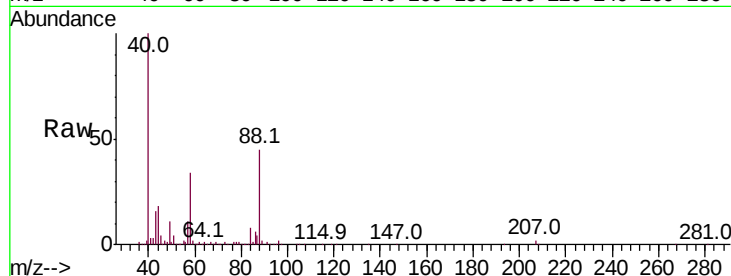
Tot Ion: 88 Resp: 84871

Ion Ratio Lower Upper

88 100

43 36.4 26.3 39.5

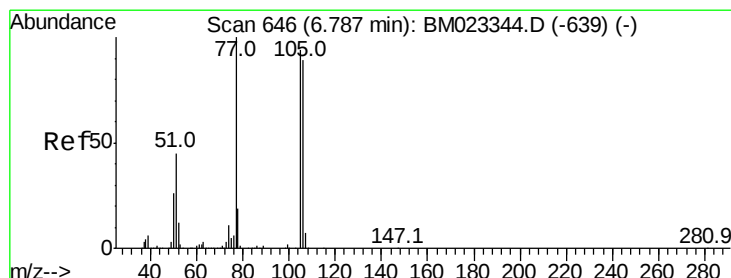
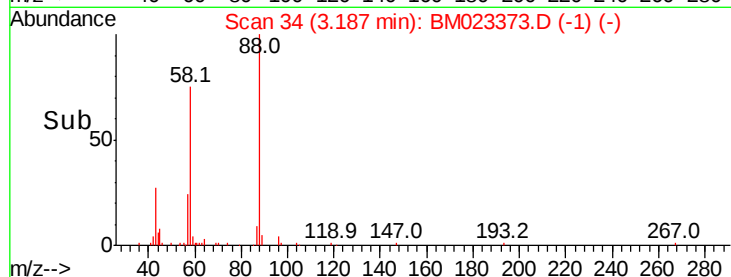
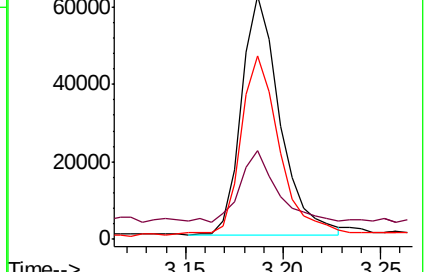
58 75.3 58.0 87.0



Abundance Ion 88.00 (87.70 to 88.70): BM023373.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM023373.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM023373.D (-1) (-)



#4

Benzaldehyde

Concen: 14.612 ng/uL

RT: 6.77 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

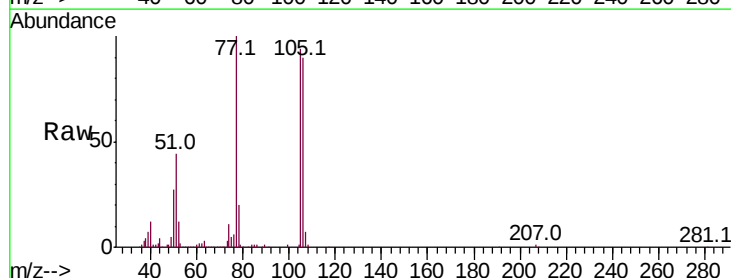
Tgt Ion: 77 Resp: 328677

Ion Ratio Lower Upper

77 100

105 93.8 75.4 113.2

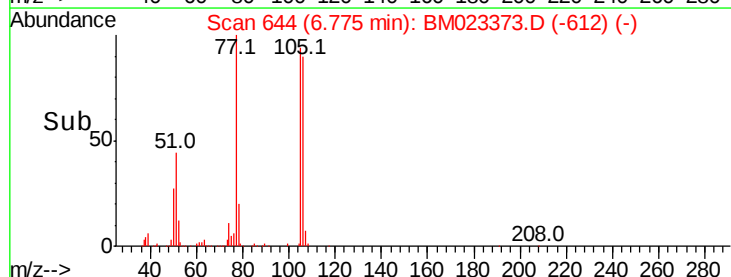
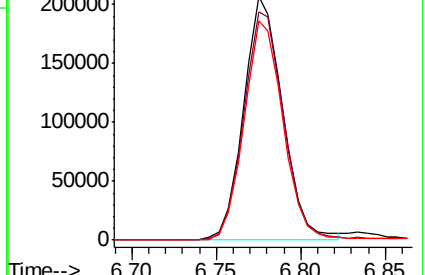
106 90.1 71.3 106.9

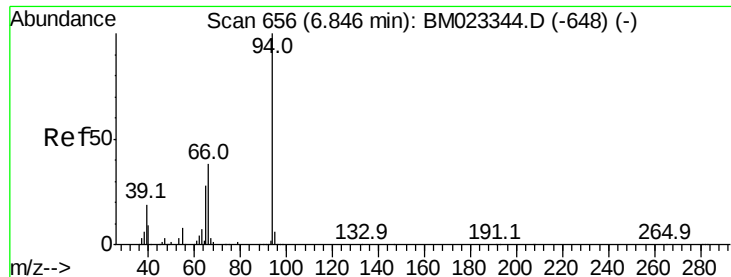


Abundance Ion 77.00 (76.70 to 77.70): BM023373.D (-612) (-)

Ion 105.00 (104.70 to 105.70): BM023373.D (-612) (-)

Ion 106.00 (105.70 to 106.70): BM023373.D (-612) (-)





#6

Phenol

Concen: 18.943 ng/ul

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

Instrument :

BNA\_M

ClientSampleId :

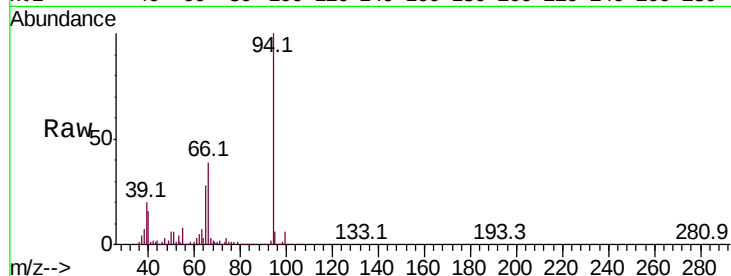
Tot Ion: 94 Resp: 762122

Ion Ratio Lower Upper

94 100

65 28.1 22.9 34.3

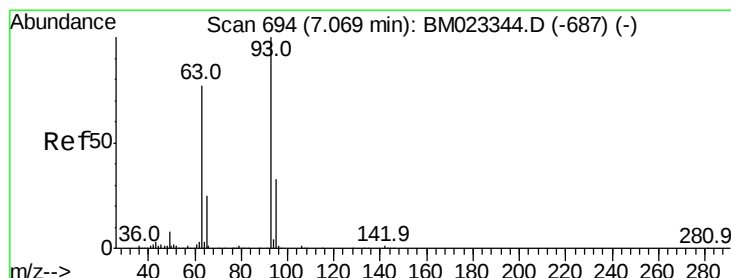
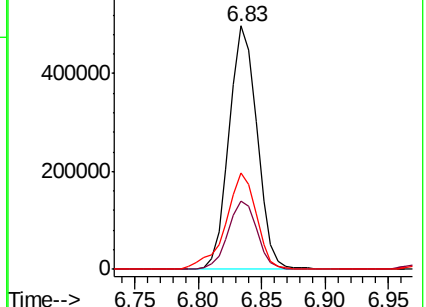
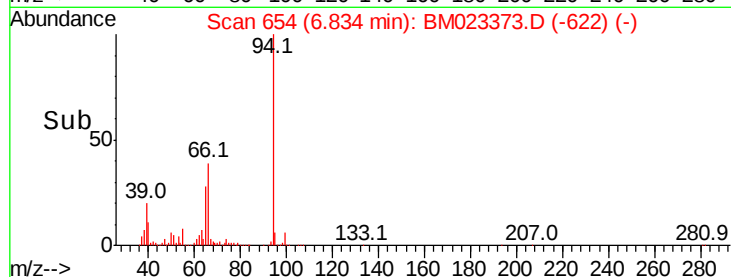
66 39.5 31.4 47.2



Abundance Ion 94.00 (93.70 to 94.70): BM023373.D (-622) (-)

Ion 65.00 (64.70 to 65.70): BM023373.D (-622) (-)

Ion 66.00 (65.70 to 66.70): BM023373.D (-622) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 18.753 ng/ul

RT: 7.06 min Scan# 693

Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

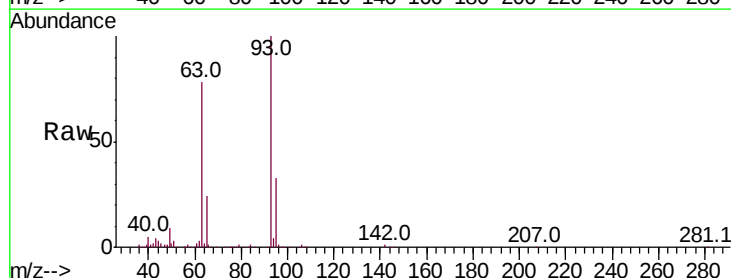
Tgt Ion: 93 Resp: 588305

Ion Ratio Lower Upper

93 100

63 78.0 61.4 92.0

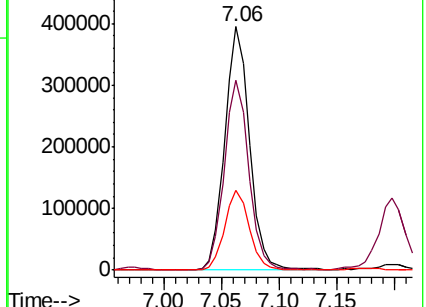
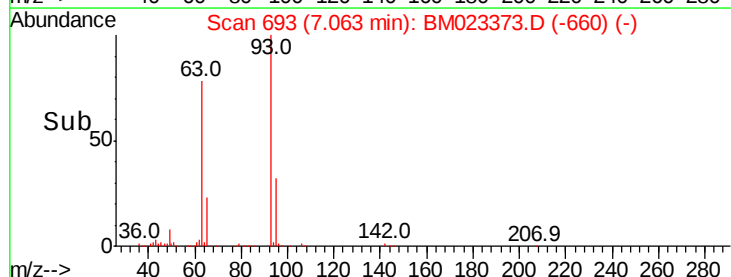
95 32.5 26.1 39.1

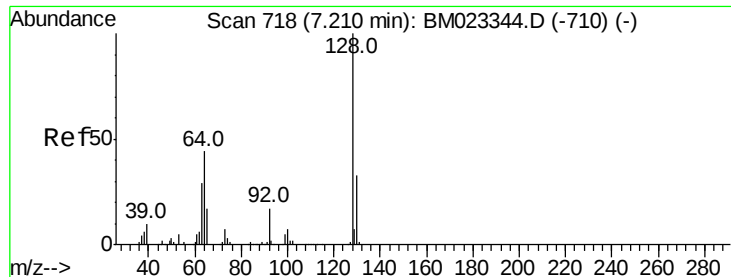


Abundance Ion 93.00 (92.70 to 93.70): BM023373.D (-660) (-)

Ion 63.00 (62.70 to 63.70): BM023373.D (-660) (-)

Ion 95.00 (94.70 to 95.70): BM023373.D (-660) (-)

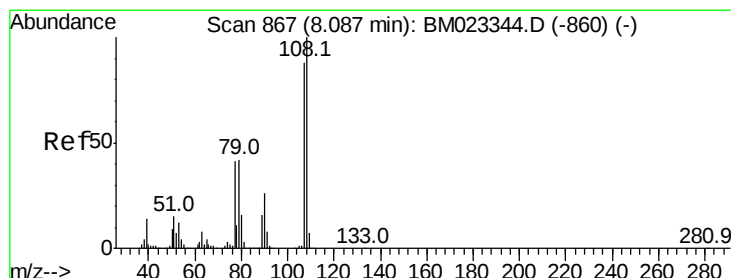
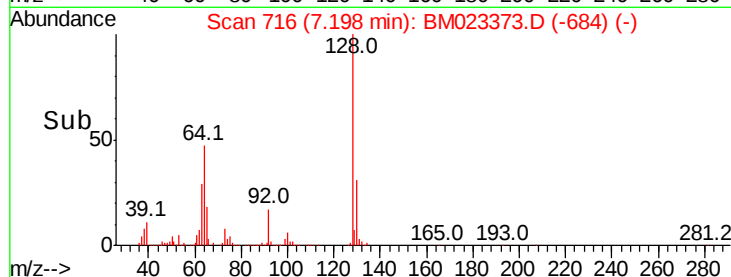
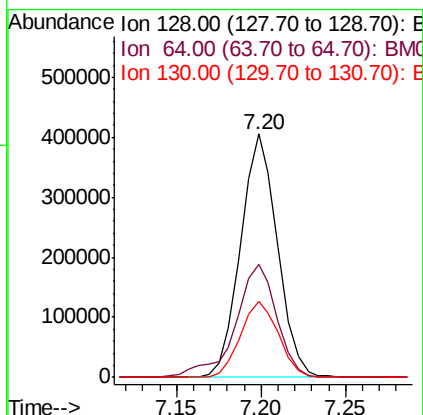
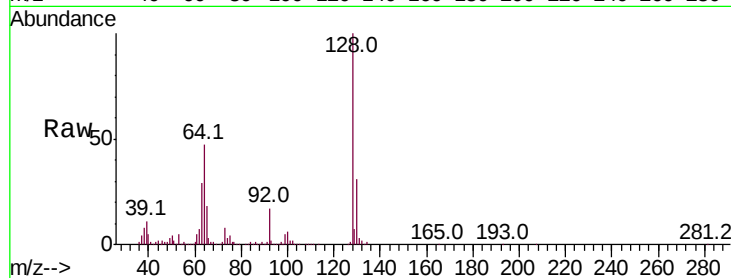




#10  
2-Chlorophenol  
Concen: 19.182 ng/ul  
RT: 7.20 min Scan# 716  
Delta R.T. -0.01 min  
Lab File: BM023373.D  
Acq: 24 Oct 2019 11:22

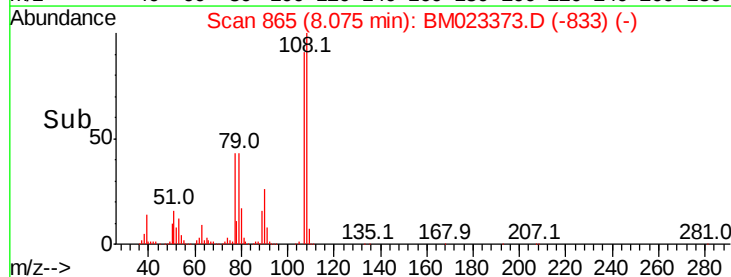
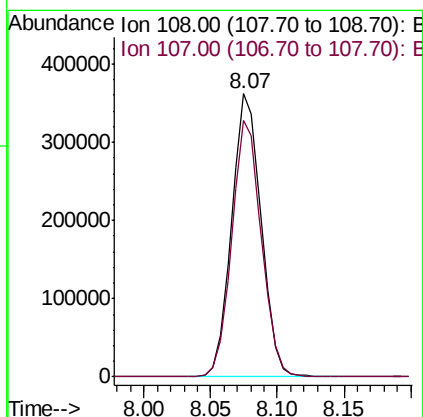
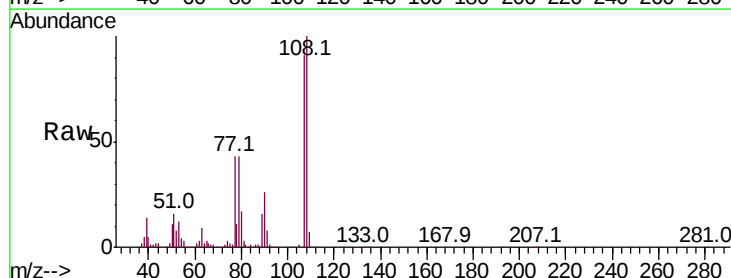
Instrument :  
BNA\_M  
ClientSampleId :

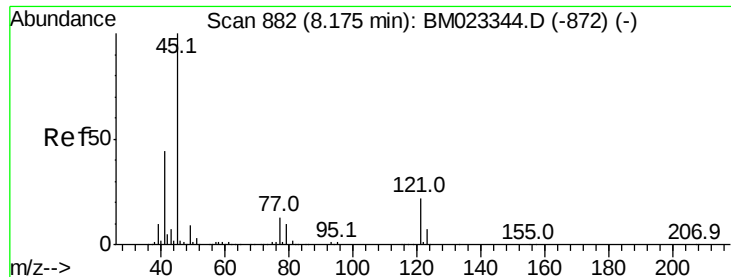
Tot Ion:128 Resp: 613771  
Ion Ratio Lower Upper  
128 100  
64 46.7 37.3 55.9  
130 31.1 26.0 39.0



#11  
2-Methylphenol  
Concen: 18.139 ng/ul  
RT: 8.07 min Scan# 865  
Delta R.T. -0.01 min  
Lab File: BM023373.D  
Acq: 24 Oct 2019 11:22

Tgt Ion:108 Resp: 557991  
Ion Ratio Lower Upper  
108 100  
107 90.6 70.6 106.0

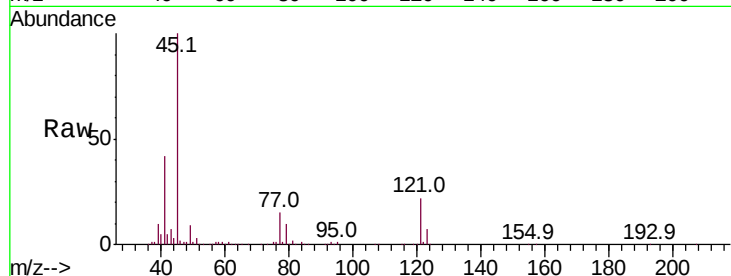




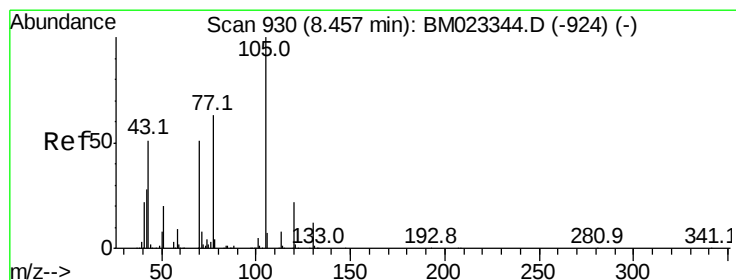
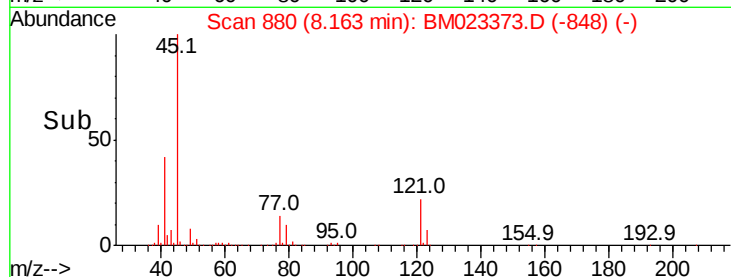
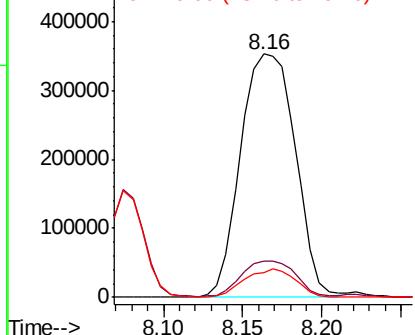
#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 18.883 ng/ul  
RT: 8.16 min Scan# 880  
Delta R.T. -0.01 min  
Lab File: BM023373.D  
Acq: 24 Oct 2019 11:22

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion: 45 Resp: 845904  
Ion Ratio Lower Upper  
45 100  
77 14.7 11.4 17.2  
79 10.4 9.0 13.6

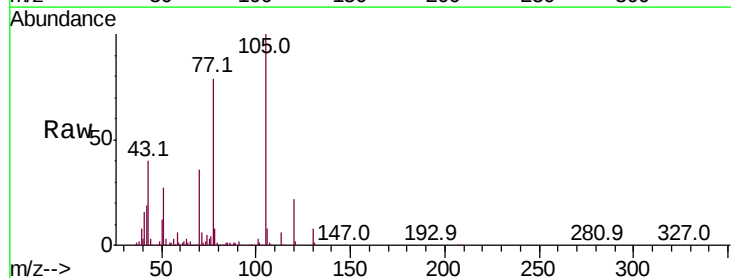


Abundance Ion 45.00 (44.70 to 45.70): BM0  
Ion 77.00 (76.70 to 77.70): BM0  
Ion 79.00 (78.70 to 79.70): BM0

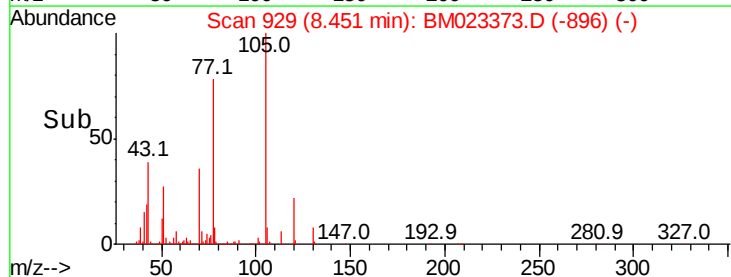
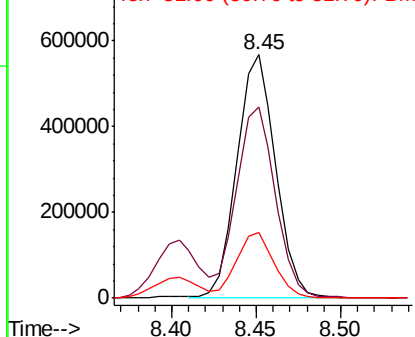


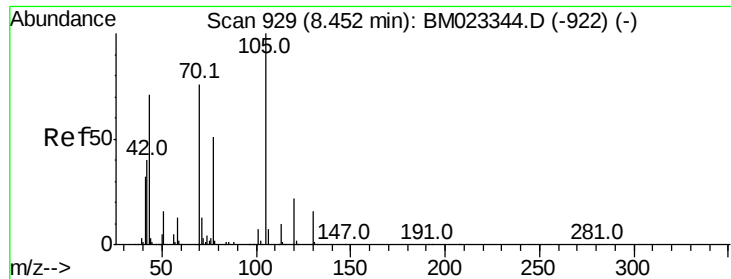
#14  
Acetophenone  
Concen: 18.140 ng/ul  
RT: 8.45 min Scan# 929  
Delta R.T. -0.01 min  
Lab File: BM023373.D  
Acq: 24 Oct 2019 11:22

Tgt Ion:105 Resp: 899300  
Ion Ratio Lower Upper  
105 100  
77 78.5 64.8 97.2  
51 26.8 21.3 31.9



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BM0  
Ion 51.00 (50.70 to 51.70): BM0

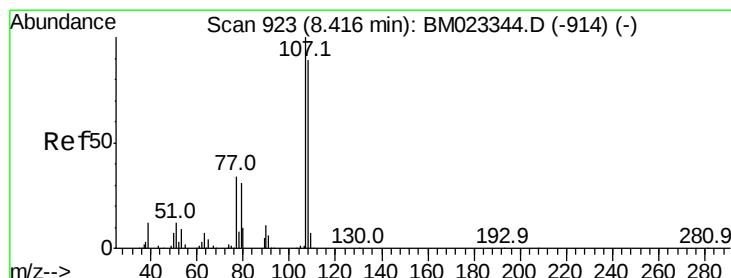
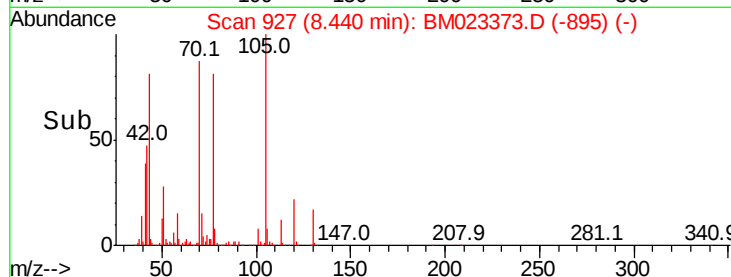
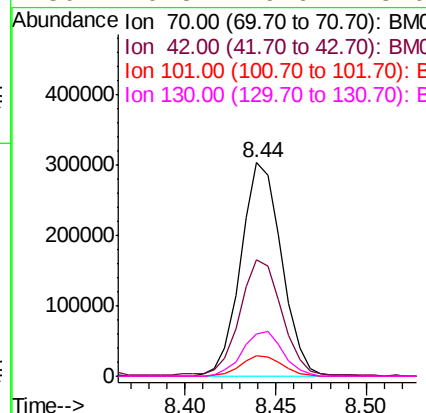
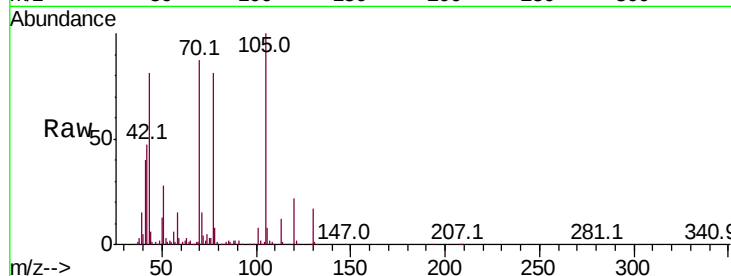




#15  
N-Nitroso-di-n-propylamine  
Concen: 16.929 ng/ul  
RT: 8.44 min Scan# 927  
Delta R.T. -0.01 min  
Lab File: BM023373.D  
Acq: 24 Oct 2019 11:22

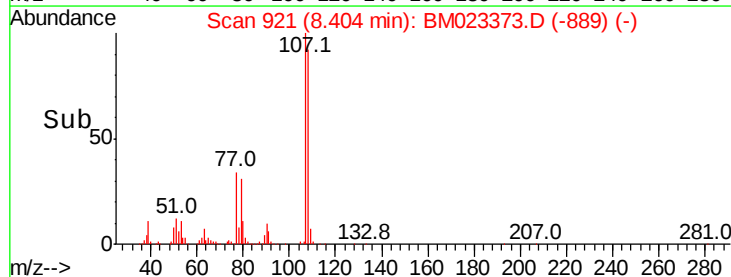
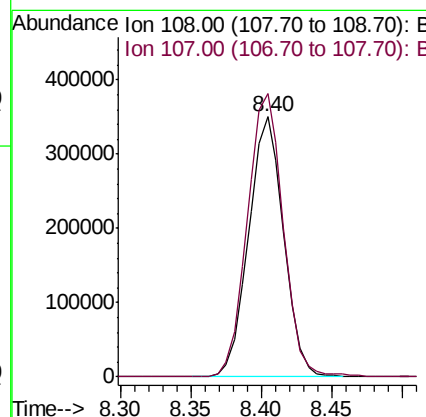
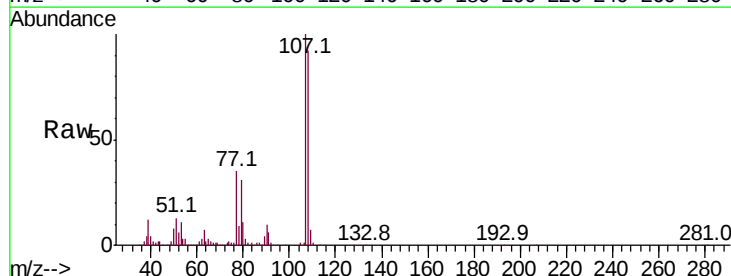
Instrument :  
BNA\_M  
ClientSampleId :

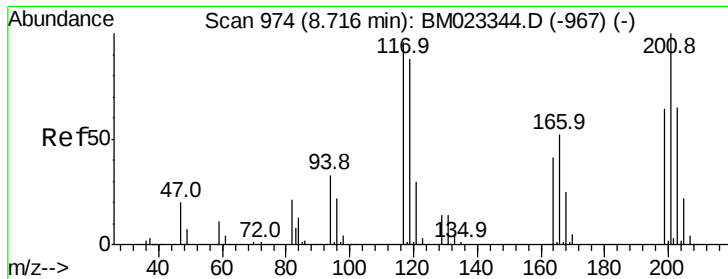
Tot Ion: 70 Resp: 474134  
Ion Ratio Lower Upper  
70 100  
42 54.3 42.8 64.2  
101 9.7 7.8 11.8  
130 19.8 16.6 25.0



#16  
4-Methylphenol  
Concen: 18.080 ng/ul  
RT: 8.40 min Scan# 921  
Delta R.T. -0.01 min  
Lab File: BM023373.D  
Acq: 24 Oct 2019 11:22

Tgt Ion: 108 Resp: 609706  
Ion Ratio Lower Upper  
108 100  
107 108.7 89.7 134.5

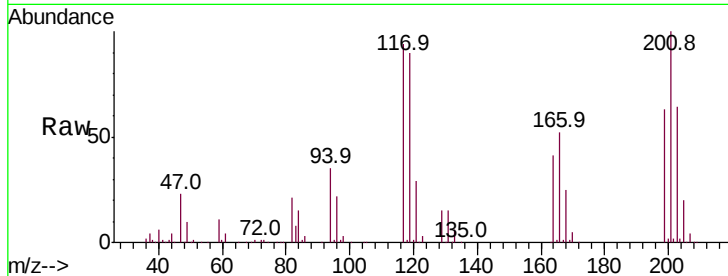




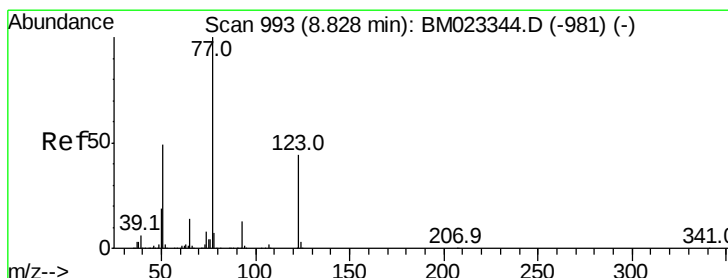
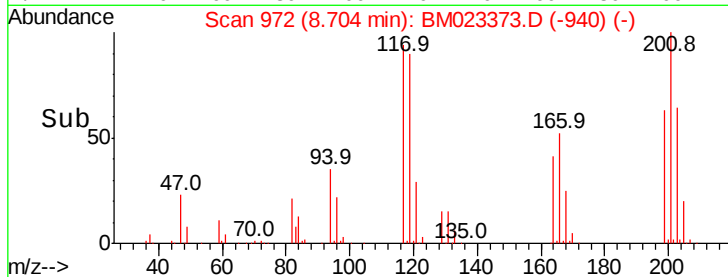
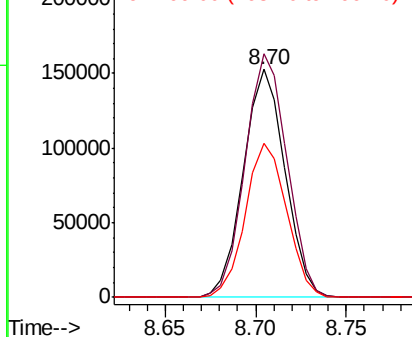
#17  
Hexachloroethane  
Concen: 18.370 ng/ul  
RT: 8.70 min Scan# 972  
Delta R.T. -0.01 min  
Lab File: BM023373.D  
Acq: 24 Oct 2019 11:22

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:117 Resp: 244642  
Ion Ratio Lower Upper  
117 100  
201 106.8 83.5 125.3  
199 67.3 53.6 80.4

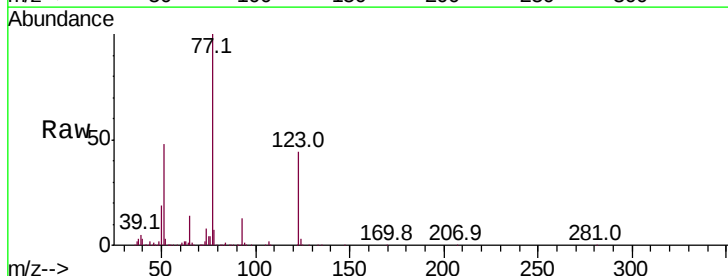


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

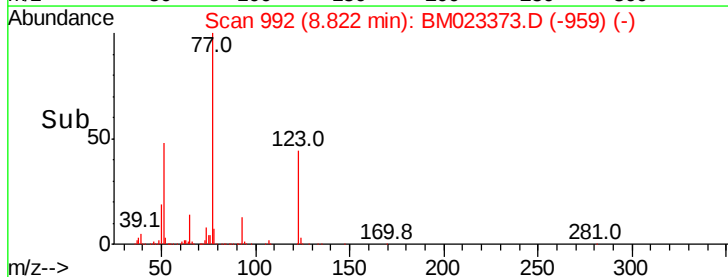
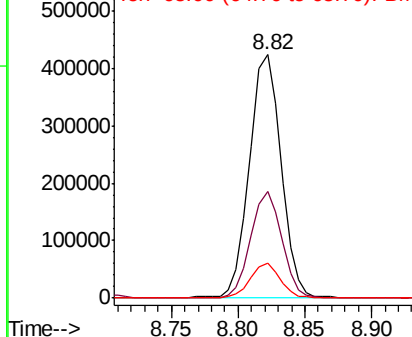


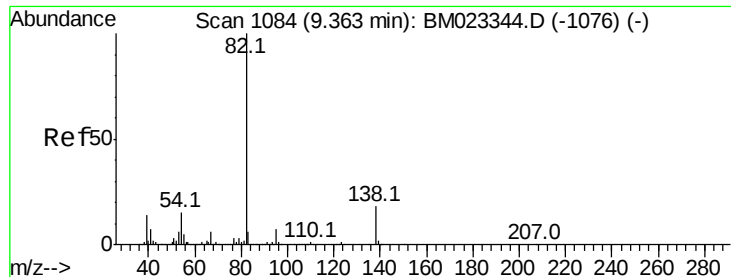
#20  
Nitrobenzene  
Concen: 19.656 ng/ul  
RT: 8.82 min Scan# 992  
Delta R.T. -0.01 min  
Lab File: BM023373.D  
Acq: 24 Oct 2019 11:22

Tgt Ion: 77 Resp: 692437  
Ion Ratio Lower Upper  
77 100  
123 43.8 34.8 52.2  
65 14.3 11.4 17.0



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: 17.780 ng/ul

RT: 9.35 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

Instrument :

BNA\_M

ClientSampleId :

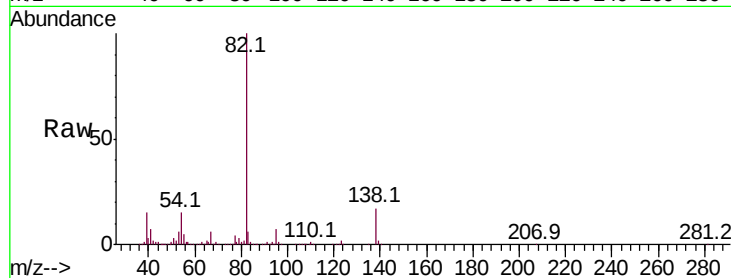
Tot Ion: 82 Resp: 1254897

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 95  | 7.4   | 6.0   | 9.0   |
| 138 | 17.2  | 14.2  | 21.4  |

82 100

95 7.4 6.0 9.0

138 17.2 14.2 21.4

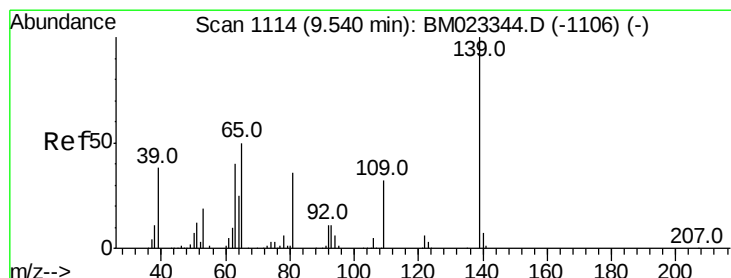
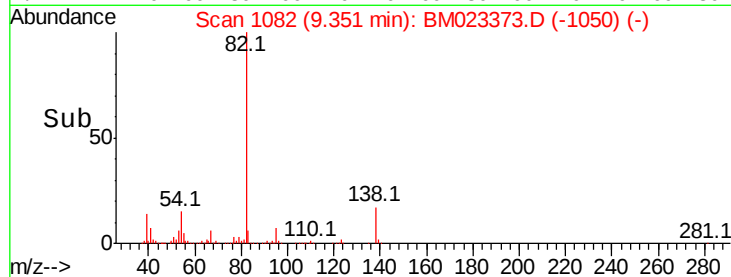
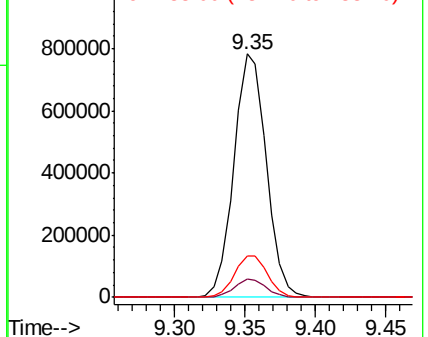


Abundance

Ion 82.00 (81.70 to 82.70): BM023344.D (-1076) (-)

Ion 95.00 (94.70 to 95.70): BM023373.D (-1050) (-)

Ion 138.00 (137.70 to 138.70): BM023373.D (-1050) (-)



#23

2-Nitrophenol

Concen: 18.176 ng/ul

RT: 9.53 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

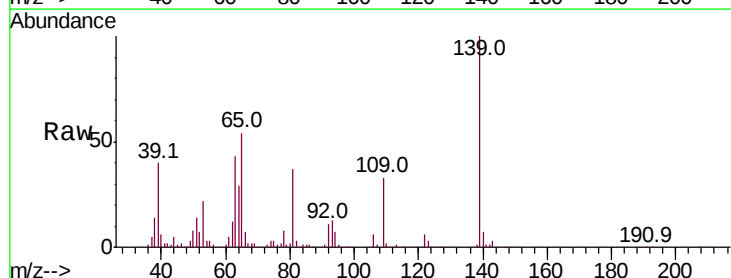
Tgt Ion: 139 Resp: 316859

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100   |       |       |
| 65  | 53.9  | 40.8  | 61.2  |
| 109 | 33.3  | 25.6  | 38.4  |

139 100

65 53.9 40.8 61.2

109 33.3 25.6 38.4

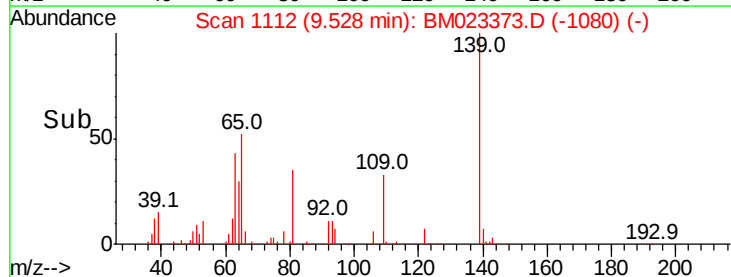
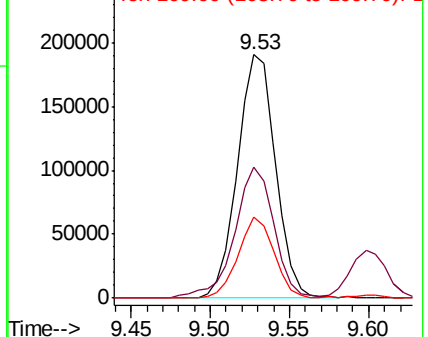


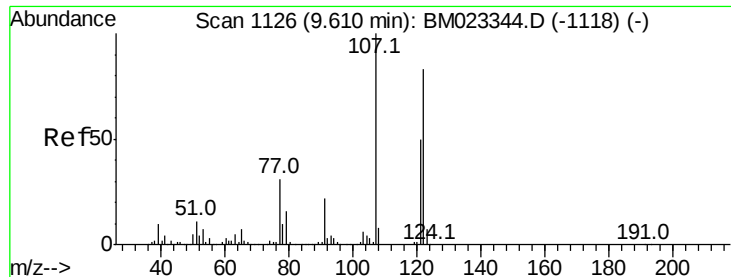
Abundance

Ion 139.00 (138.70 to 139.70): BM023344.D (-1106) (-)

Ion 65.00 (64.70 to 65.70): BM023373.D (-1080) (-)

Ion 109.00 (108.70 to 109.70): BM023373.D (-1080) (-)





#24

2,4-Dimethylphenol

Concen: 18.739 ng/ul

RT: 9.60 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

Instrument :

BNA\_M

ClientSampled :

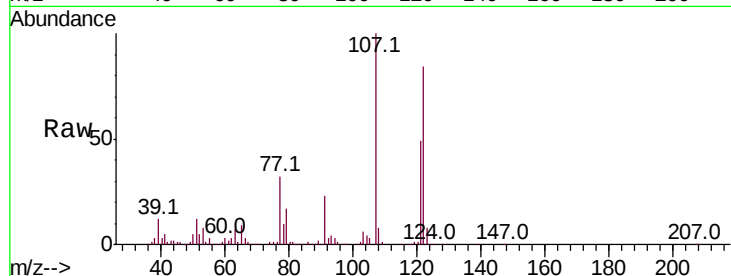
Tot Ion:107 Resp: 674608

Ion Ratio Lower Upper

107 100

121 49.2 39.8 59.8

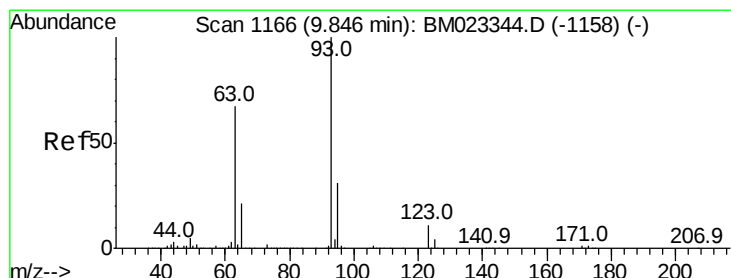
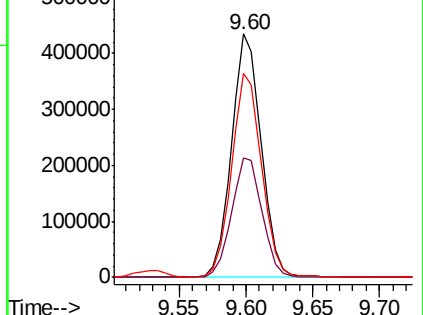
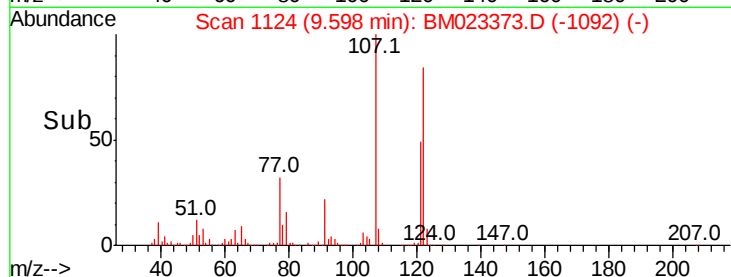
122 83.5 66.4 99.6



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: 17.998 ng/ul

RT: 9.83 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

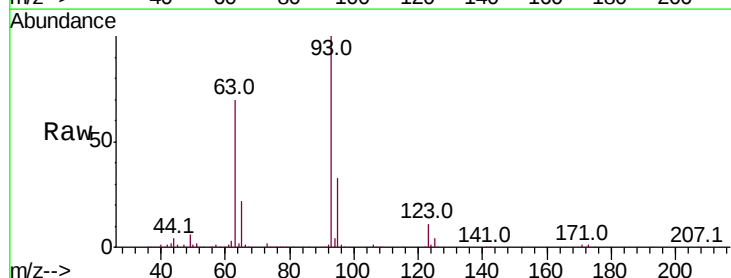
Tgt Ion: 93 Resp: 781257

Ion Ratio Lower Upper

93 100

95 33.0 25.1 37.7

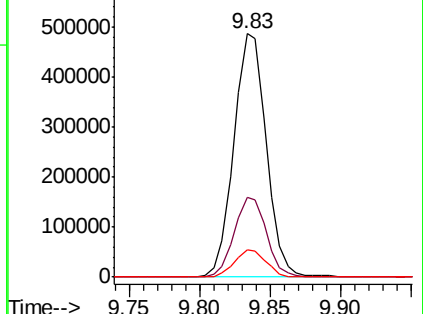
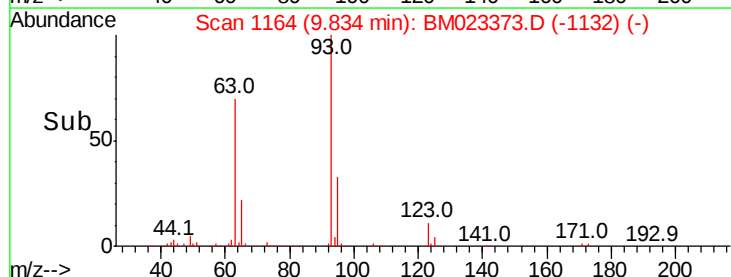
123 11.1 8.6 12.8

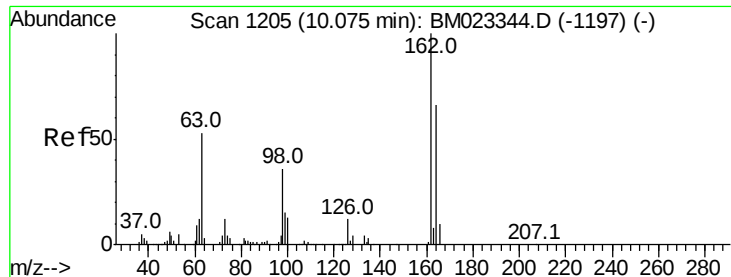


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

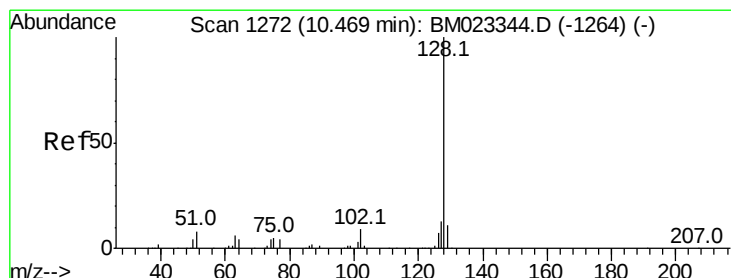
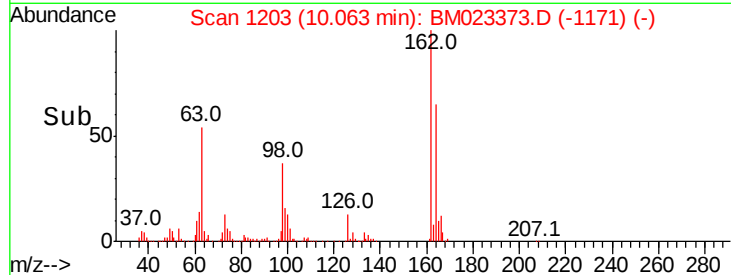
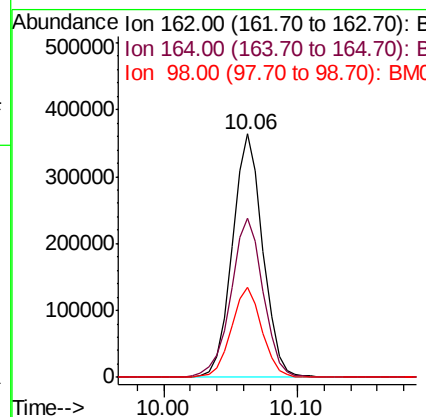
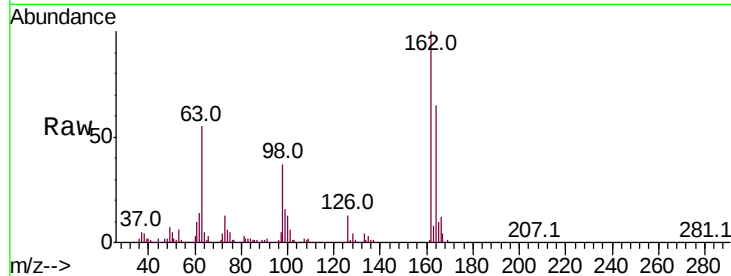




#27  
 2,4-Dichlorophenol  
 Concen: 18.724 ng/ul  
 RT: 10.06 min Scan# 1203  
 Delta R.T. -0.01 min  
 Lab File: BM023373.D  
 Acq: 24 Oct 2019 11:22

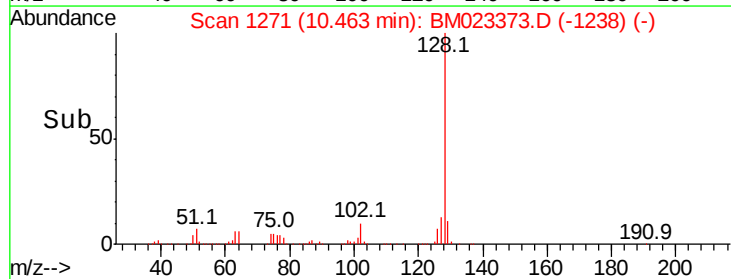
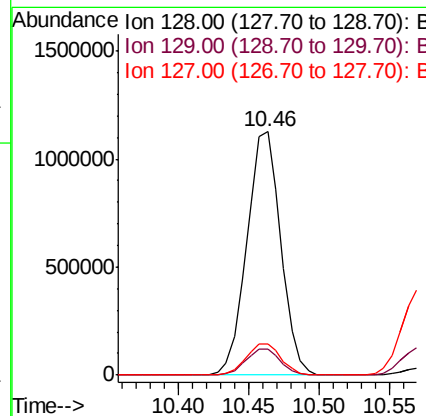
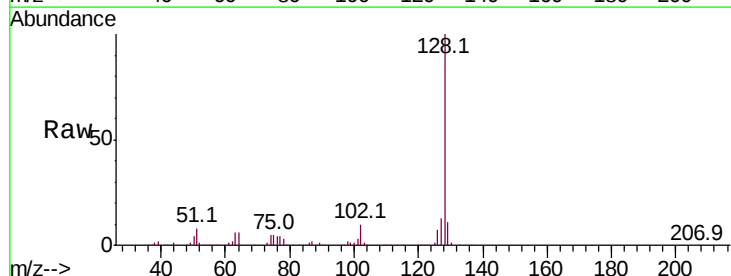
Instrument :  
 BNA\_M  
 ClientSampleId :

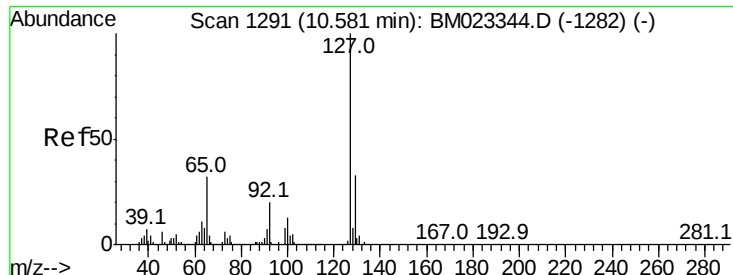
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.3  | 52.7  | 79.1  |
| 98      | 37.1  | 29.2  | 43.8  |



#28  
 Naphthalene  
 Concen: 19.390 ng/ul  
 RT: 10.46 min Scan# 1271  
 Delta R.T. -0.01 min  
 Lab File: BM023373.D  
 Acq: 24 Oct 2019 11:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.8  | 8.8   | 13.2  |
| 127     | 12.9  | 10.4  | 15.6  |

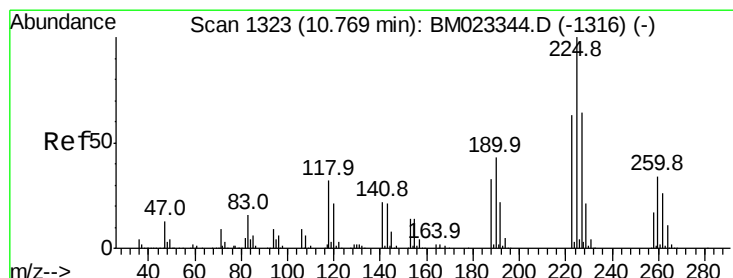
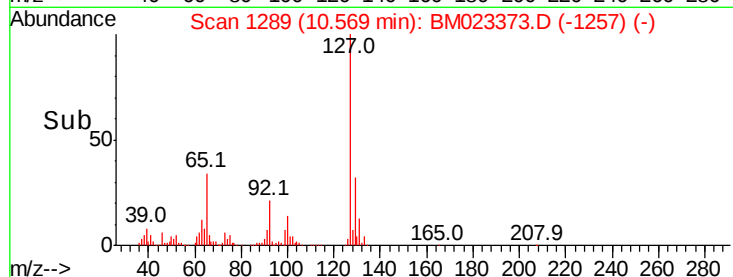
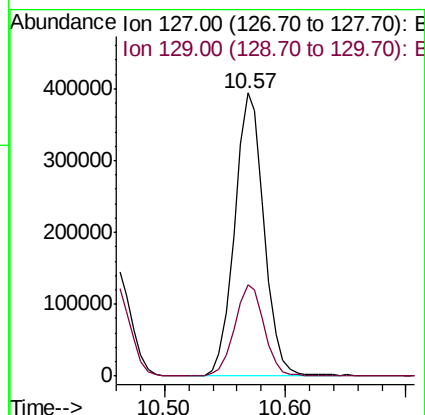
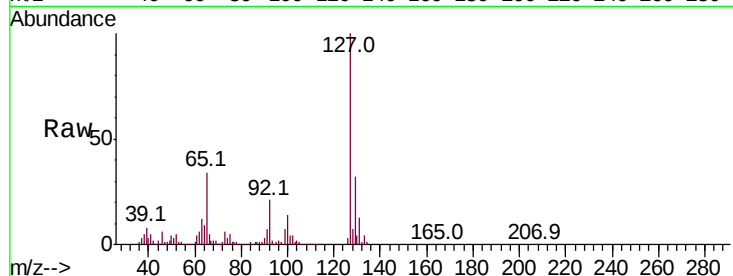




#30  
4-Chloroaniline  
Concen: 17.763 ng/ul  
RT: 10.57 min Scan# 1289  
Delta R.T. -0.01 min  
Lab File: BM023373.D  
Acq: 24 Oct 2019 11:22

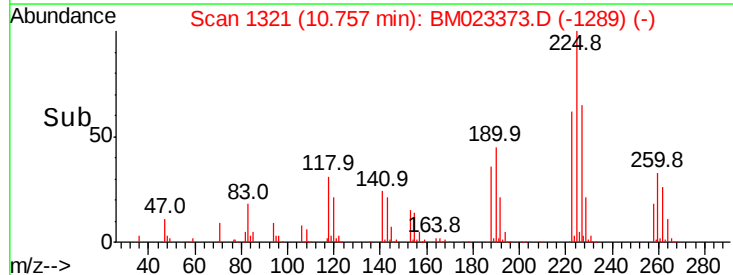
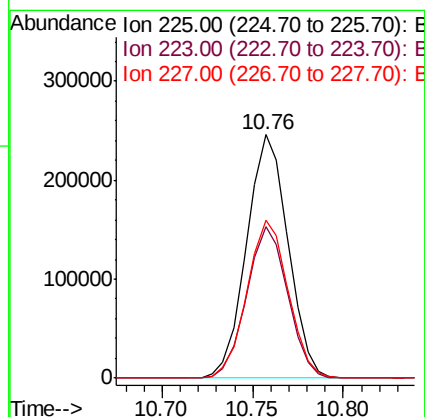
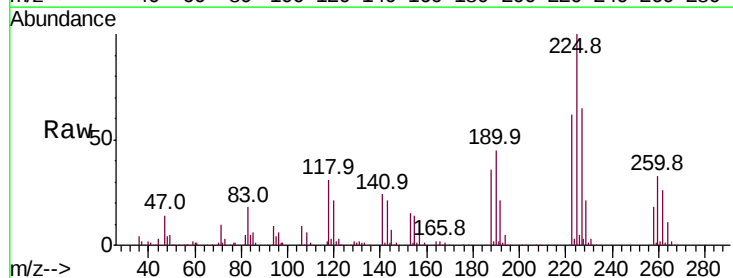
Instrument :  
BNA\_M  
ClientSampleId :

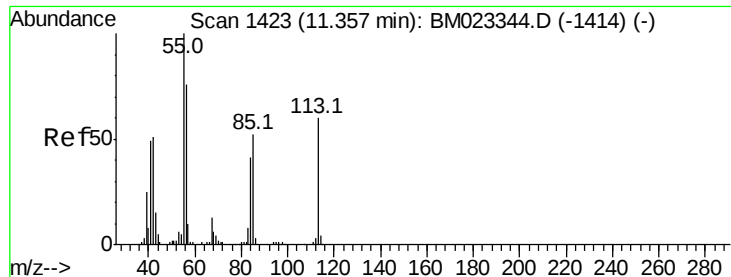
Tot Ion:127 Resp: 664169  
Ion Ratio Lower Upper  
127 100  
129 32.4 26.4 39.6



#31  
Hexachlorobutadiene  
Concen: 19.363 ng/ul  
RT: 10.76 min Scan# 1321  
Delta R.T. -0.01 min  
Lab File: BM023373.D  
Acq: 24 Oct 2019 11:22

Tgt Ion:225 Resp: 390940  
Ion Ratio Lower Upper  
225 100  
223 62.0 50.2 75.2  
227 65.0 51.0 76.6





#32

Caprolactam

Concen: 18.125 ng/ul

RT: 11.35 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

Instrument :

BNA\_M

ClientSampleId :

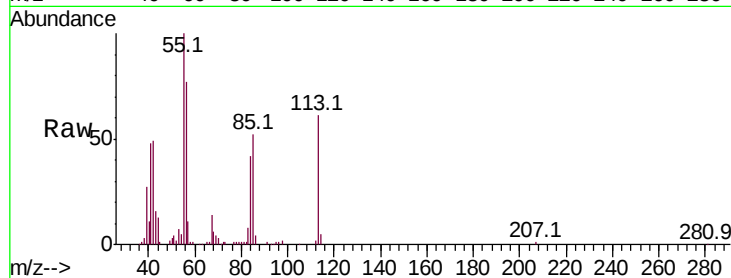
Tot Ion:113 Resp: 172113

Ion Ratio Lower Upper

113 100

55 163.9 132.8 199.2

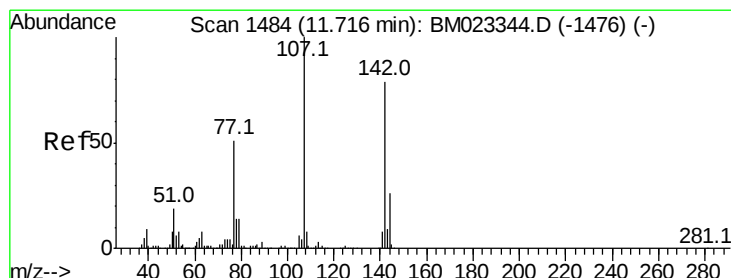
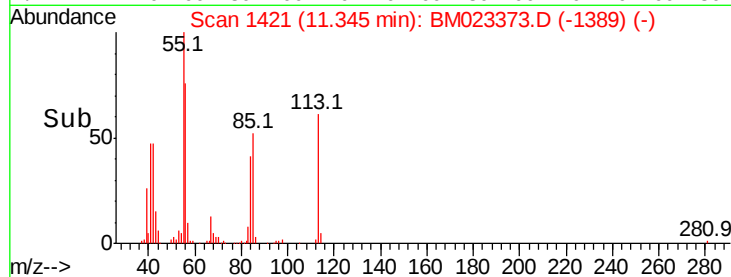
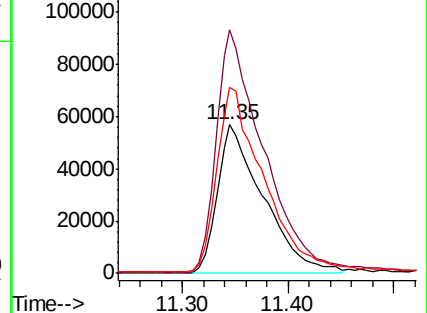
56 125.4 100.6 150.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#33

4-Chloro-3-methylphenol

Concen: 17.803 ng/ul

RT: 11.70 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

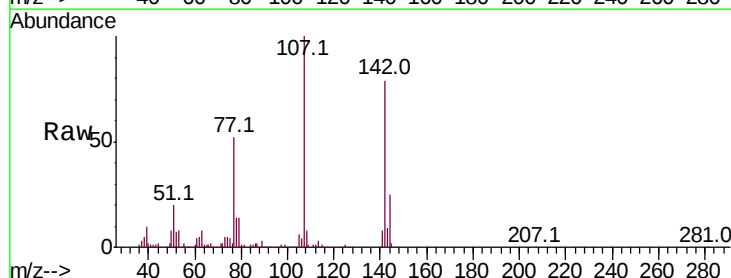
Tgt Ion:107 Resp: 607196

Ion Ratio Lower Upper

107 100

144 25.4 20.7 31.1

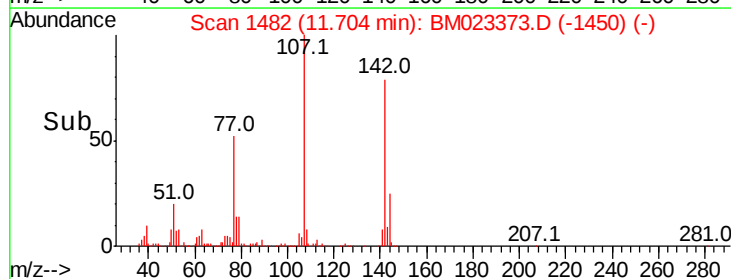
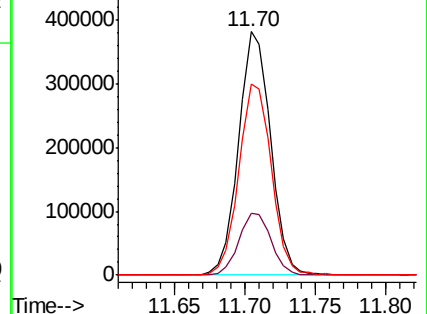
142 78.6 63.1 94.7

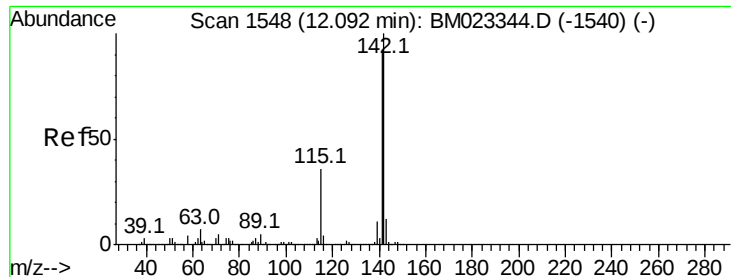


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

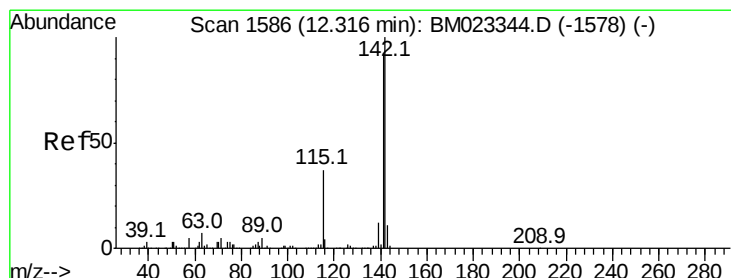
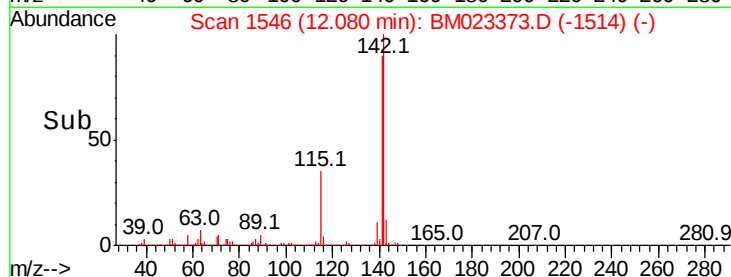
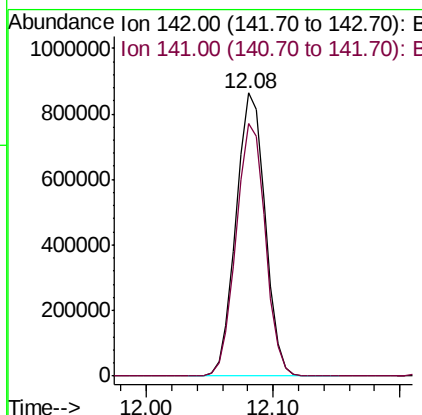
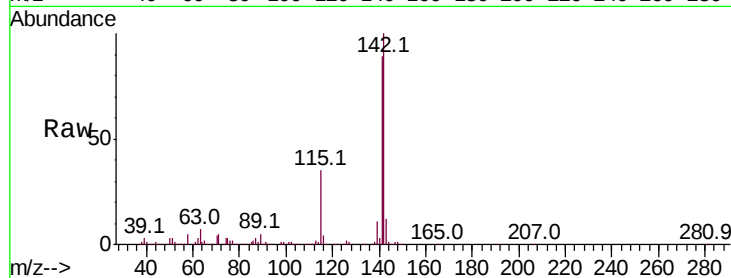




#34  
2-Methylnaphthalene  
Concen: 18.426 ng/ul  
RT: 12.08 min Scan# 1546  
Delta R.T. -0.01 min  
Lab File: BM023373.D  
Acq: 24 Oct 2019 11:22

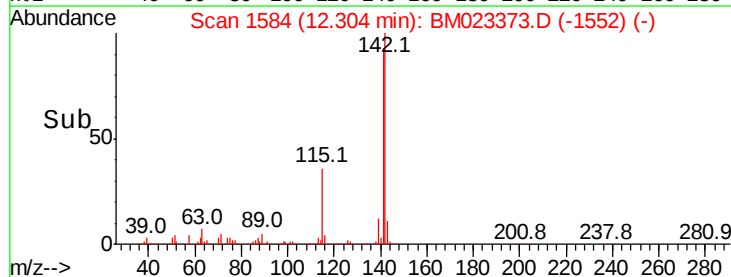
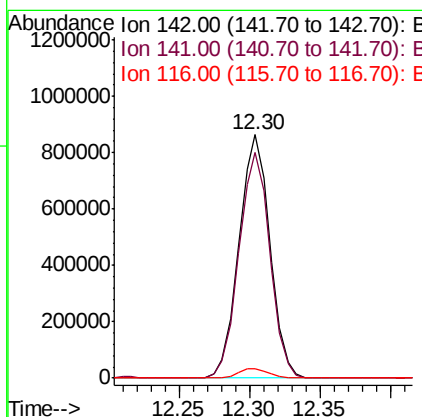
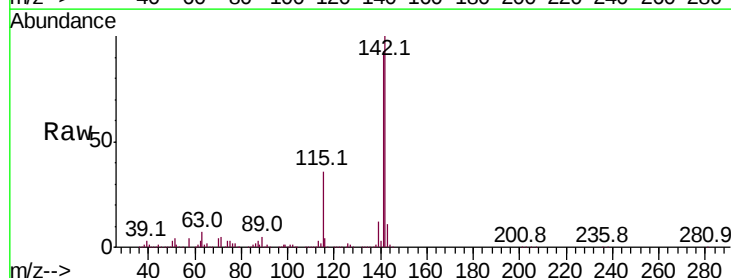
Instrument :  
BNA\_M  
ClientSampleId :

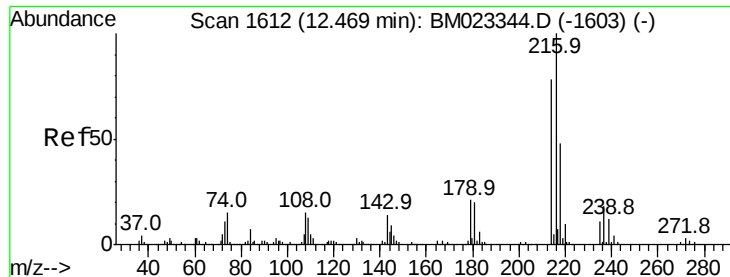
Tot Ion:142 Resp: 1378202  
Ion Ratio Lower Upper  
142 100  
141 89.5 72.4 108.6



#35  
1-Methylnaphthalene  
Concen: 18.289 ng/ul  
RT: 12.30 min Scan# 1584  
Delta R.T. -0.01 min  
Lab File: BM023373.D  
Acq: 24 Oct 2019 11:22

Tgt Ion:142 Resp: 1320101  
Ion Ratio Lower Upper  
142 100  
141 92.7 73.6 110.4  
116 4.1 3.3 4.9

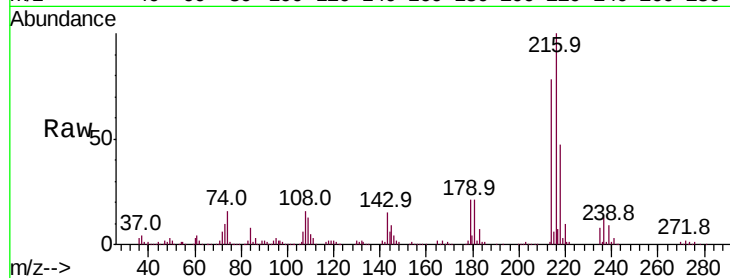




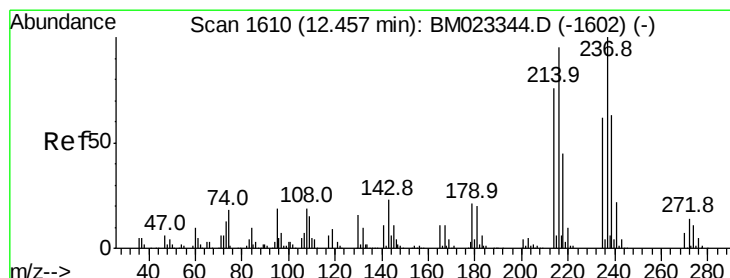
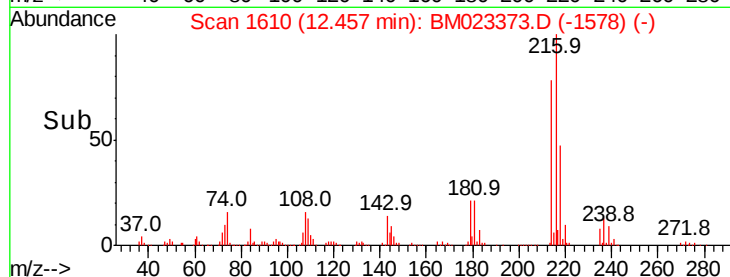
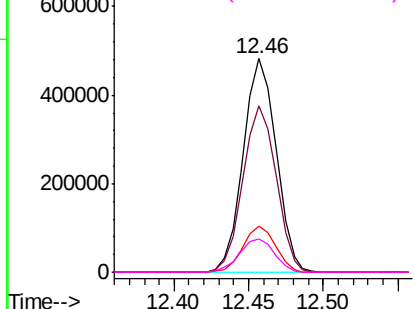
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 19.863 ng/ul  
 RT: 12.46 min Scan# 1610  
 Delta R.T. -0.01 min  
 Lab File: BM023373.D  
 Acq: 24 Oct 2019 11:22

Instrument :  
 BNA\_M  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 738638 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 77.8  | 62.3  | 93.5   |
| 179      | 21.4  | 16.5  | 24.7   |
| 108      | 15.9  | 12.2  | 18.2   |

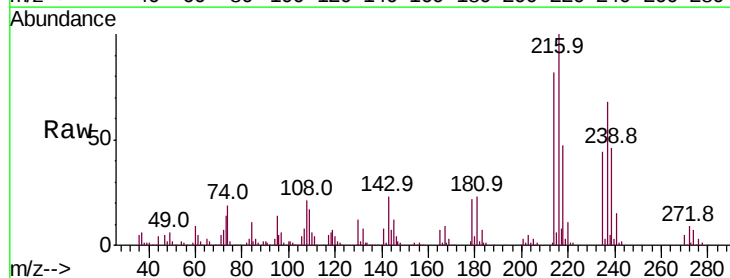


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

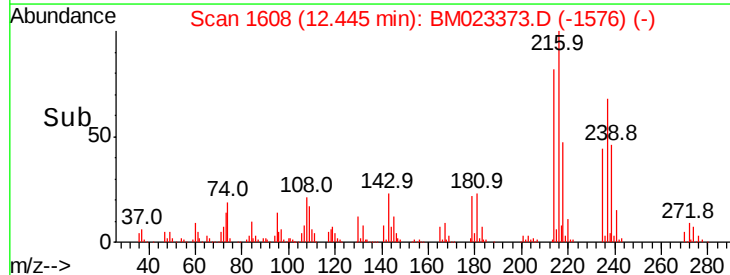
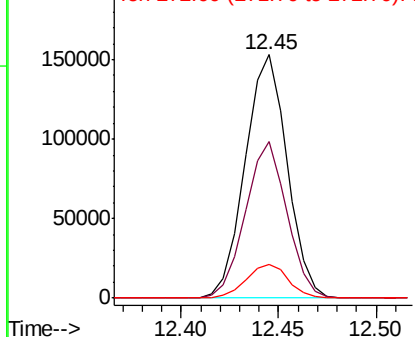


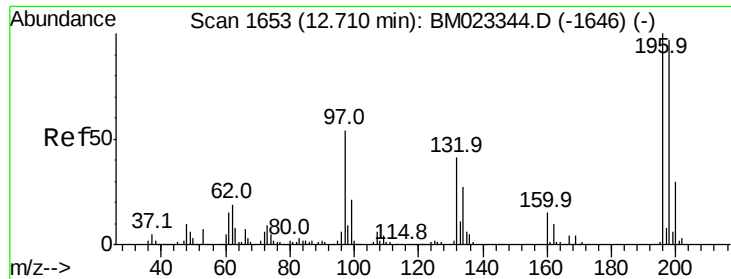
#38  
 Hexachlorocyclopentadiene  
 Concen: 9.257 ng/ul  
 RT: 12.45 min Scan# 1608  
 Delta R.T. -0.01 min  
 Lab File: BM023373.D  
 Acq: 24 Oct 2019 11:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 228335 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 64.1  | 49.4  | 74.2   |
| 272      | 13.7  | 10.9  | 16.3   |



Abundance Ion 237.00 (236.70 to 237.70): E  
 Ion 235.00 (234.70 to 235.70): E  
 Ion 272.00 (271.70 to 272.70): E

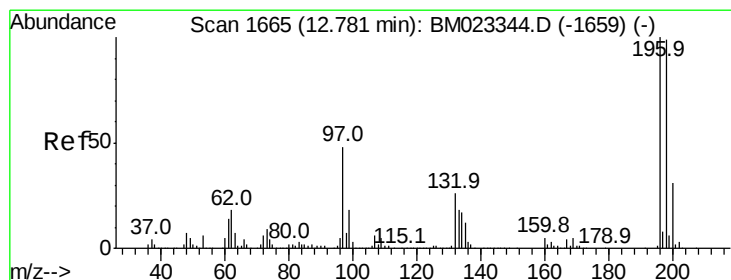
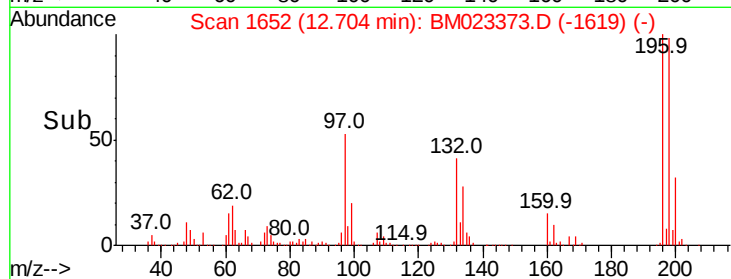
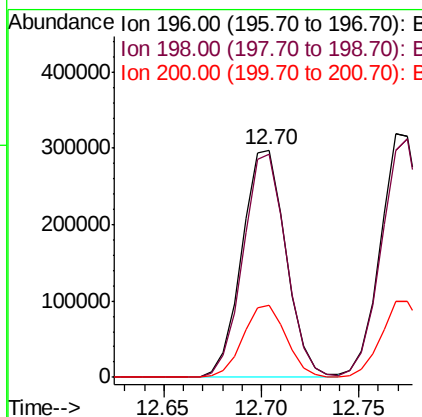
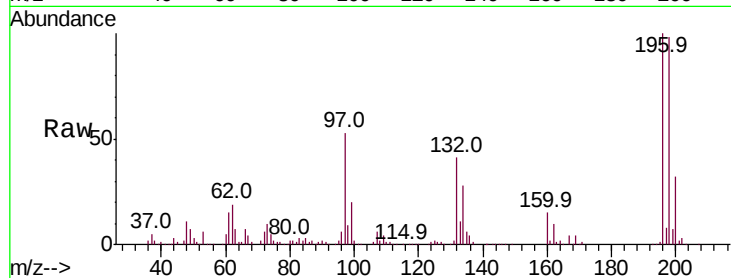




#39  
 2,4,6-Trichlorophenol  
 Concen: 19.193 ng/ul  
 RT: 12.70 min Scan# 1652  
 Delta R.T. -0.01 min  
 Lab File: BM023373.D  
 Acq: 24 Oct 2019 11:22

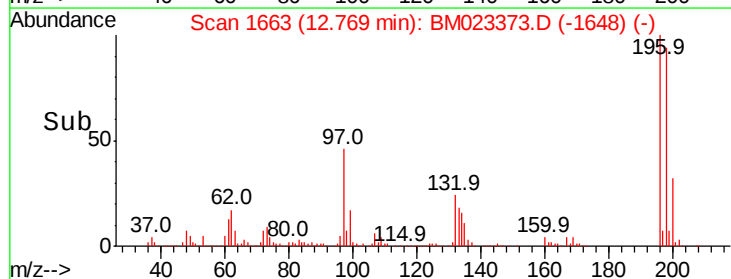
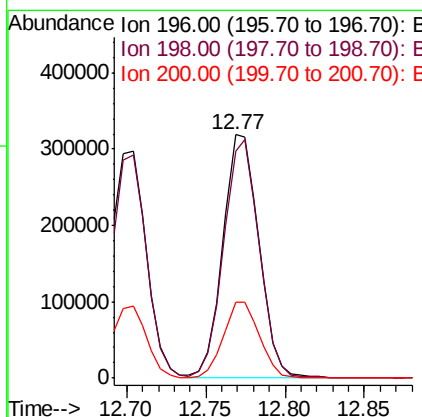
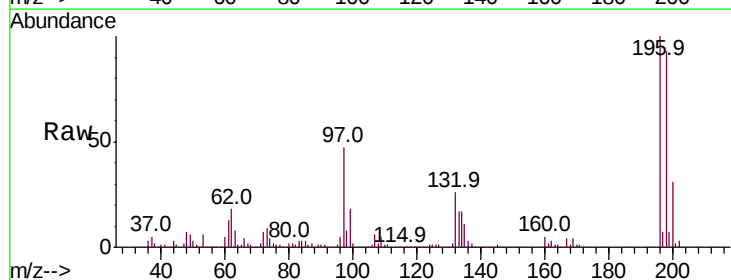
Instrument :  
 BNA\_M  
 ClientSampleId :

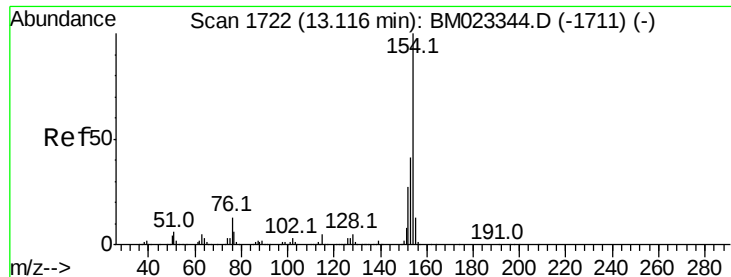
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 98.2  | 77.5  | 116.3 |
| 200     | 32.0  | 24.4  | 36.6  |



#40  
 2,4,5-Trichlorophenol  
 Concen: 19.146 ng/ul  
 RT: 12.77 min Scan# 1663  
 Delta R.T. -0.01 min  
 Lab File: BM023373.D  
 Acq: 24 Oct 2019 11:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.3  | 79.0  | 118.4 |
| 200     | 31.2  | 24.4  | 36.6  |





#41

1,1'-Biphenyl

Concen: 19.526 ng/ul

RT: 13.11 min Scan# 1721

Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

Instrument :

BNA\_M

ClientSampleId :

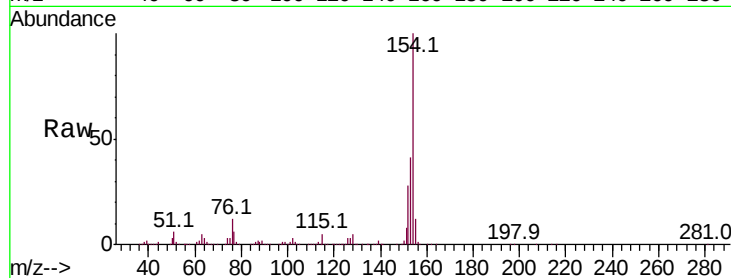
Tot Ion:154 Resp: 1782891

Ion Ratio Lower Upper

154 100

153 40.7 32.6 49.0

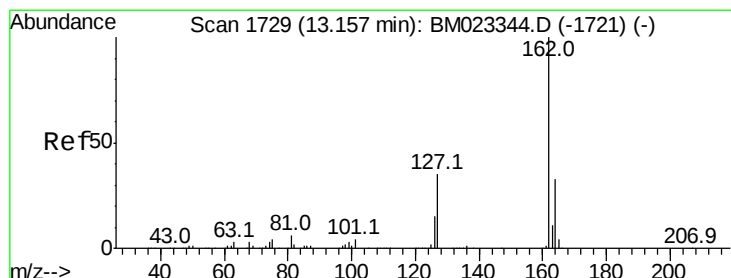
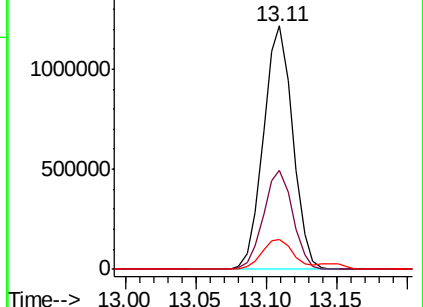
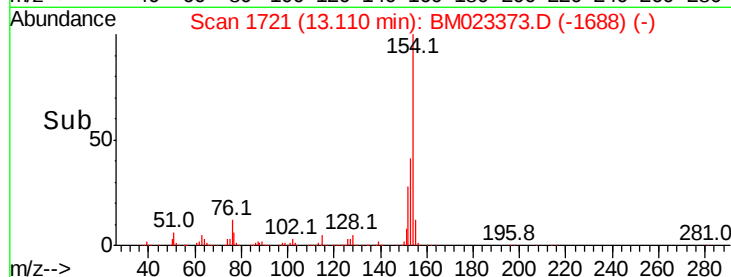
76 12.2 10.2 15.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BMO



#42

2-Chloronaphthalene

Concen: 19.835 ng/ul

RT: 13.15 min Scan# 1727

Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

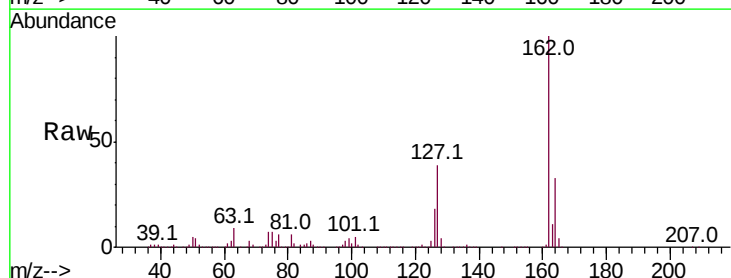
Tgt Ion:162 Resp: 1380145

Ion Ratio Lower Upper

162 100

164 33.0 26.7 40.1

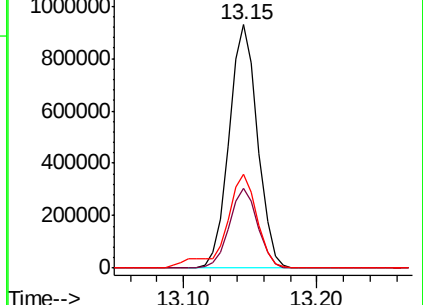
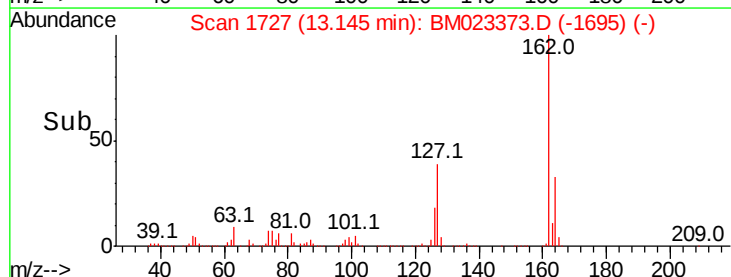
127 38.8 30.2 45.4

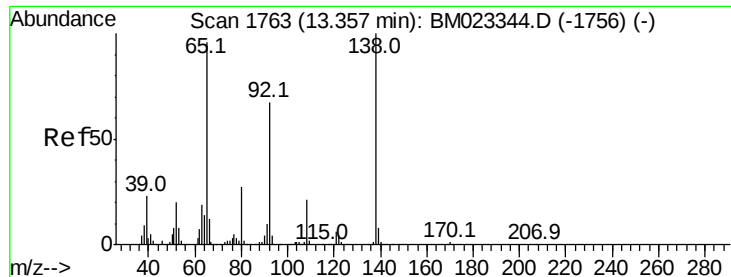


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E





#43

2-Nitroaniline

Concen: 19.199 ng/ul

RT: 13.35 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

Instrument :

BNA\_M

ClientSampleId :

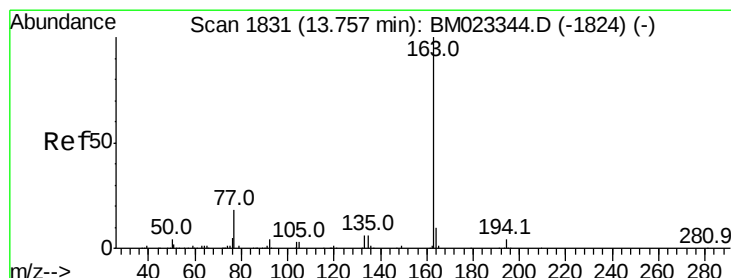
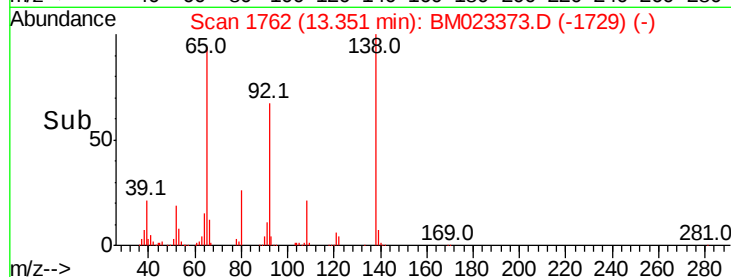
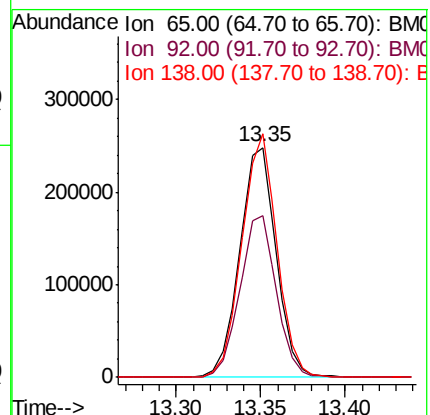
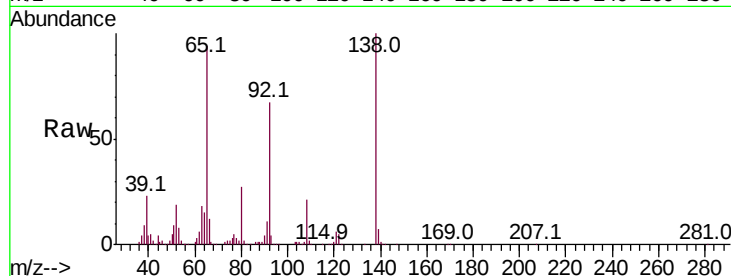
Tot Ion: 65 Resp: 373261

Ion Ratio Lower Upper

65 100

92 70.6 56.1 84.1

138 106.0 83.8 125.6



#45

Dimethylphthalate

Concen: 18.422 ng/ul

RT: 13.75 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

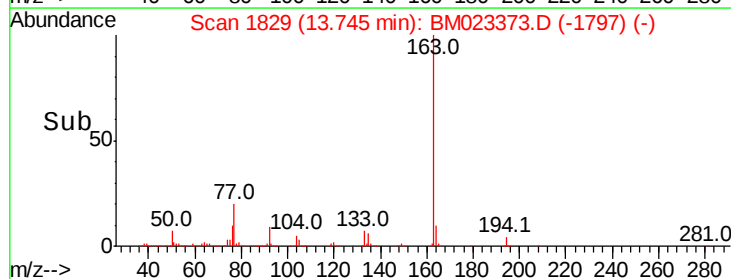
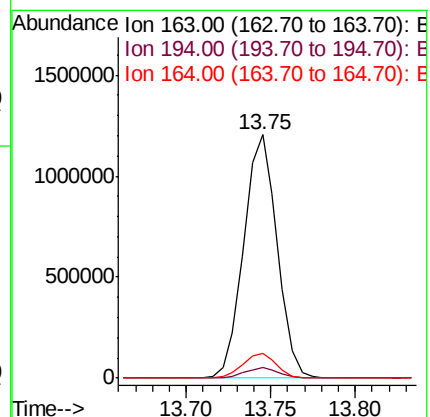
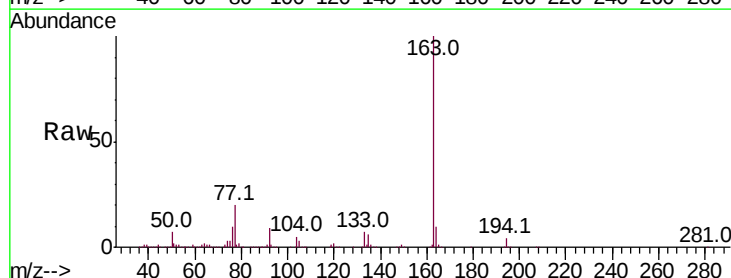
Tgt Ion:163 Resp: 1653924

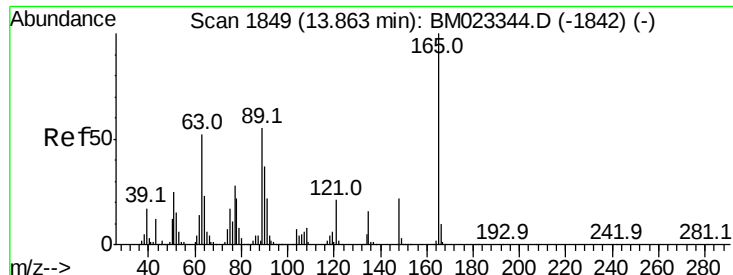
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.1 7.9 11.9

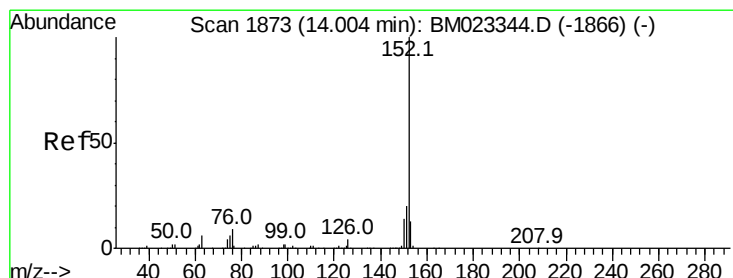
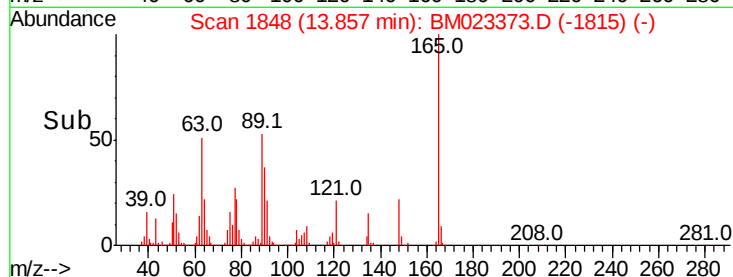
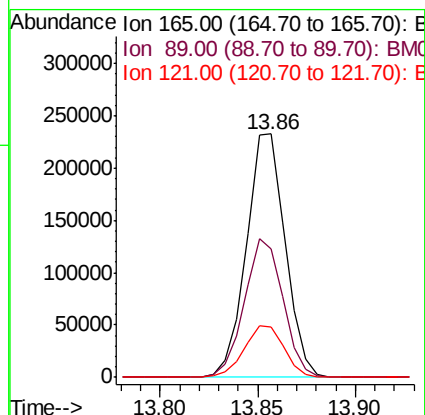
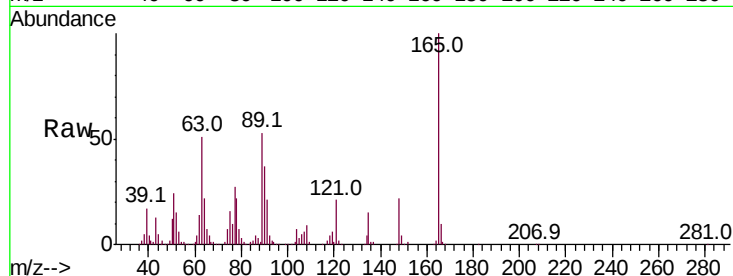




#46  
 2,6-Dinitrotoluene  
 Concen: 18.113 ng/ul  
 RT: 13.86 min Scan# 1848  
 Delta R.T. -0.01 min  
 Lab File: BM023373.D  
 Acq: 24 Oct 2019 11:22

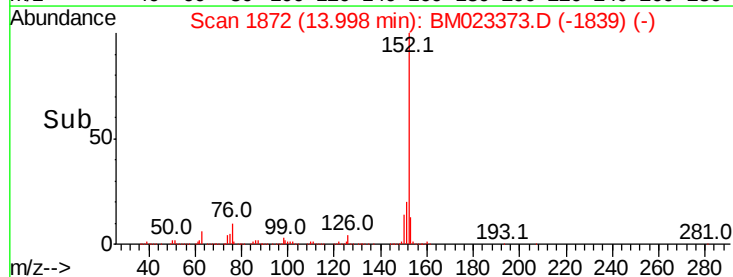
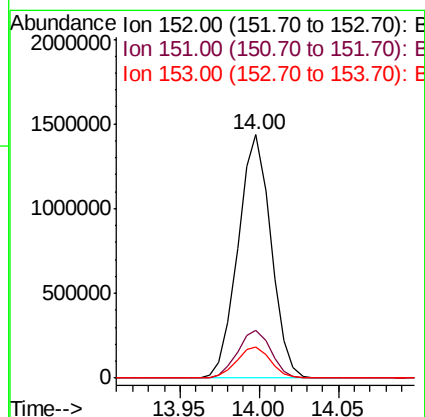
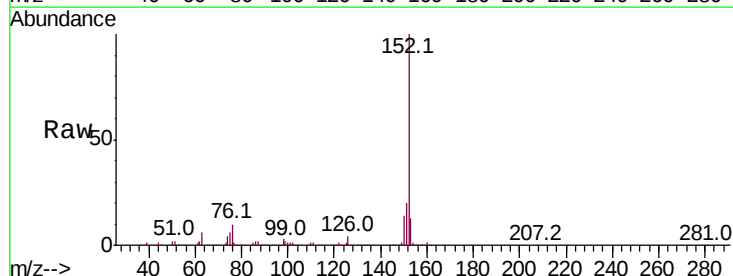
Instrument :  
 BNA\_M  
 ClientSampleId :

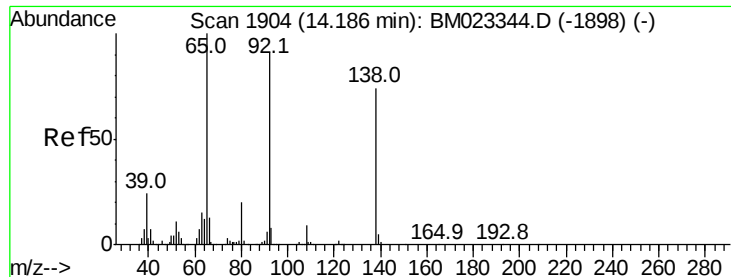
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 52.8  | 44.3  | 66.5  |
| 121     | 20.7  | 16.4  | 24.6  |



#48  
 Acenaphthylene  
 Concen: 19.477 ng/ul  
 RT: 14.00 min Scan# 1872  
 Delta R.T. -0.01 min  
 Lab File: BM023373.D  
 Acq: 24 Oct 2019 11:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.7  | 16.2  | 24.2  |
| 153     | 12.9  | 10.4  | 15.6  |





#49

3-Nitroaniline

Concen: 19.437 ng/ul

RT: 14.18 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

Instrument :

BNA\_M

ClientSampleId :

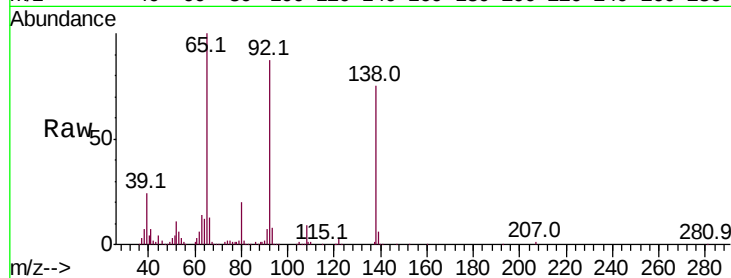
Tot Ion:138 Resp: 312370

Ion Ratio Lower Upper

138 100

108 11.6 9.4 14.0

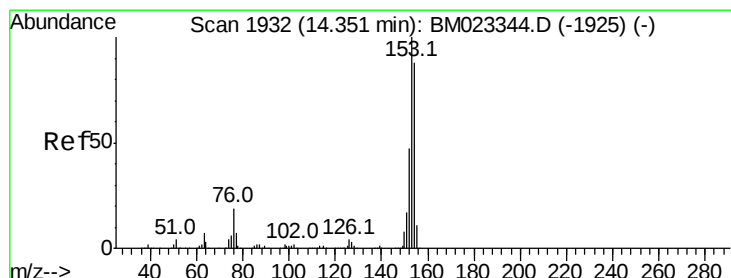
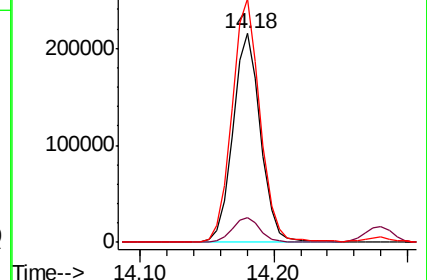
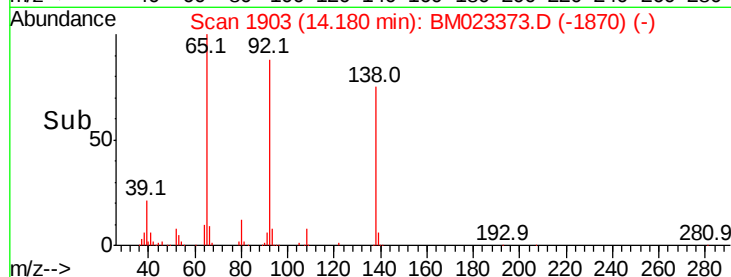
92 116.8 98.9 148.3



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



#50

Acenaphthene

Concen: 19.276 ng/ul

RT: 14.35 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

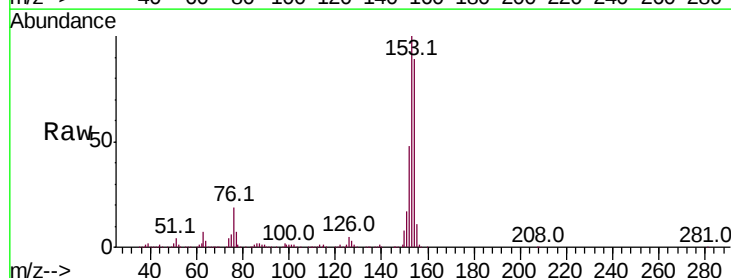
Tgt Ion:153 Resp: 1439770

Ion Ratio Lower Upper

153 100

152 47.6 37.9 56.9

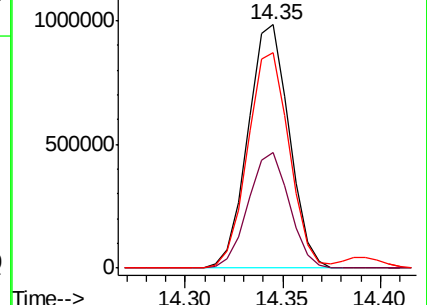
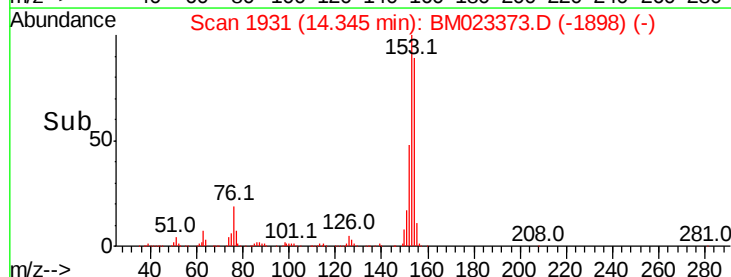
154 88.7 70.6 106.0

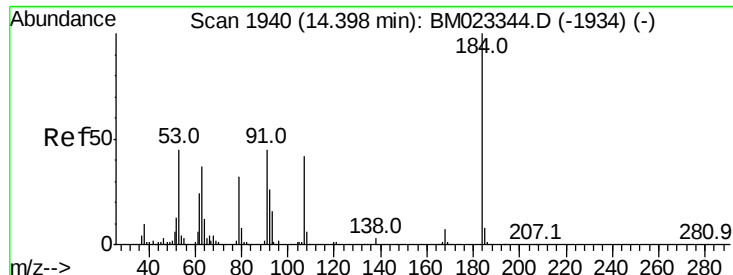


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

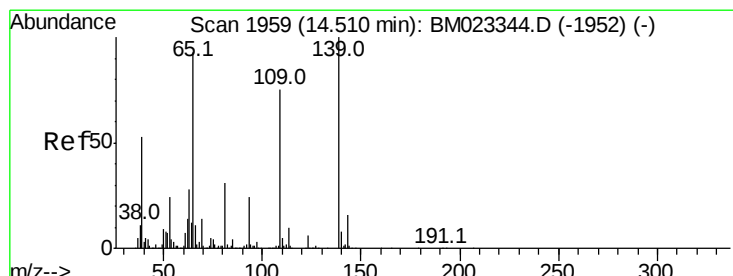
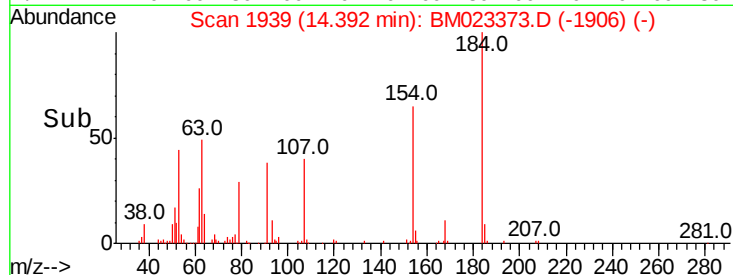
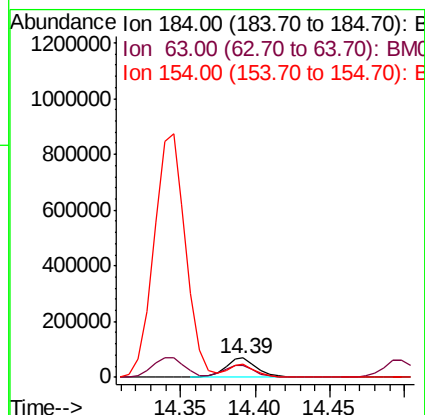
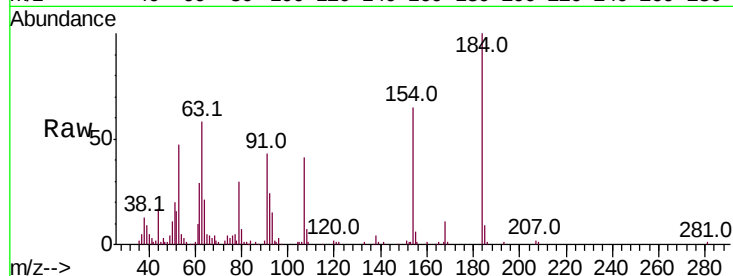




#51  
 2,4-Dinitrophenol  
 Concen: 9.545 ng/ul  
 RT: 14.39 min Scan# 1939  
 Delta R.T. -0.01 min  
 Lab File: BM023373.D  
 Acq: 24 Oct 2019 11:22

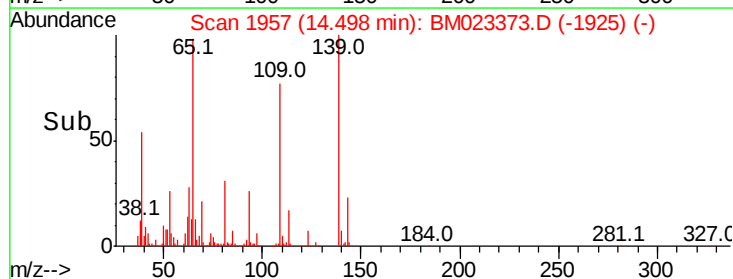
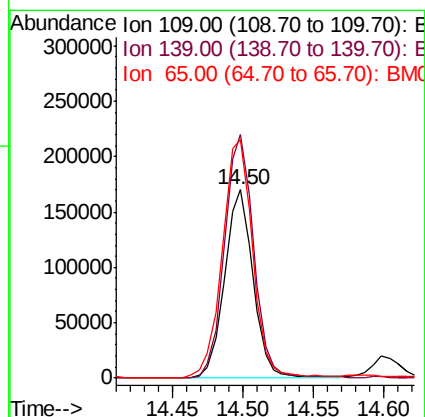
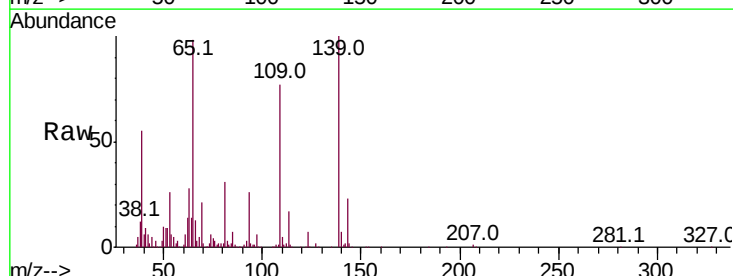
Instrument :  
 BNA\_M  
 ClientSampleId :

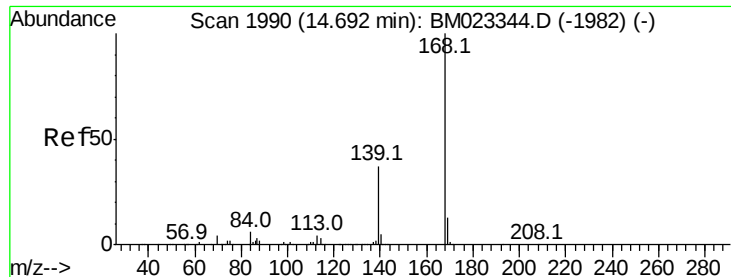
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 58.4  | 50.0  | 75.0  |
| 154     | 65.2  | 52.3  | 78.5  |



#53  
 4-Nitrophenol  
 Concen: 19.461 ng/ul  
 RT: 14.50 min Scan# 1957  
 Delta R.T. -0.01 min  
 Lab File: BM023373.D  
 Acq: 24 Oct 2019 11:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 109     | 100   |       |       |
| 139     | 129.5 | 107.1 | 160.7 |
| 65      | 126.8 | 100.0 | 150.0 |





#54

Dibenzofuran

Concen: 19.316 ng/ul

RT: 14.68 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

Instrument :

BNA\_M

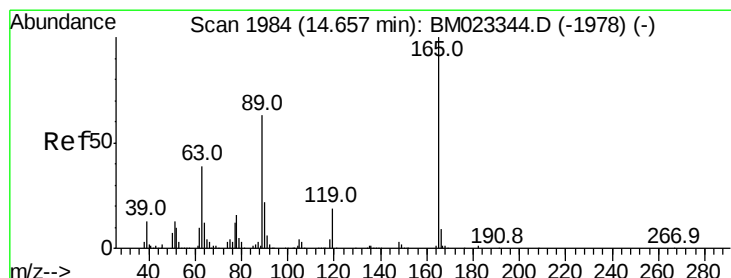
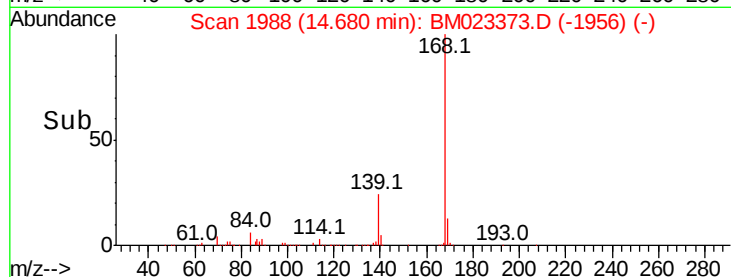
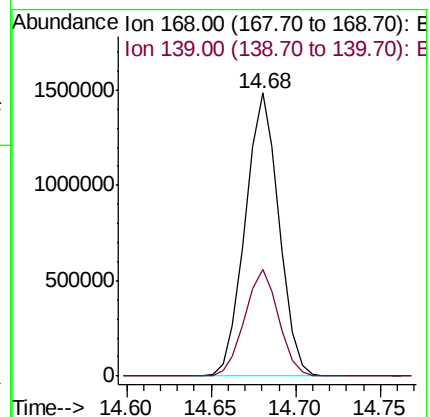
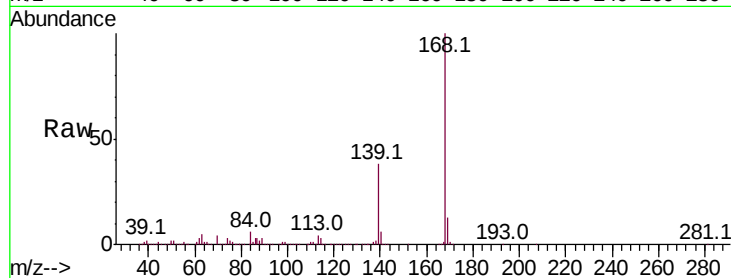
ClientSampleId :

Tot Ion:168 Resp: 2066202

Ion Ratio Lower Upper

168 100

139 37.7 29.7 44.5



#55

2,4-Dinitrotoluene

Concen: 18.299 ng/ul

RT: 14.64 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

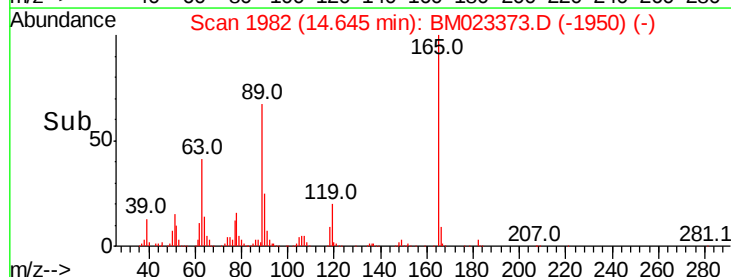
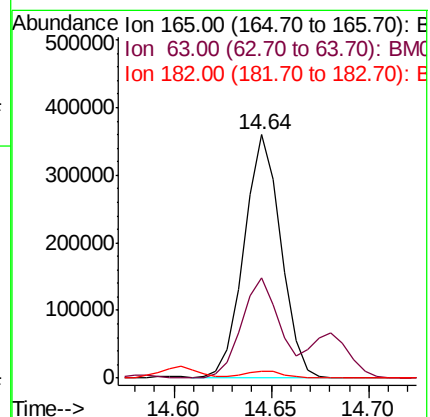
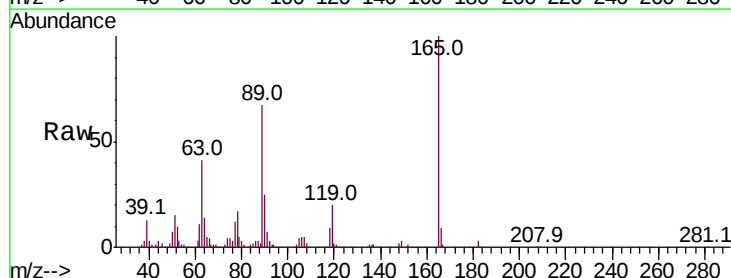
Tgt Ion:165 Resp: 471789

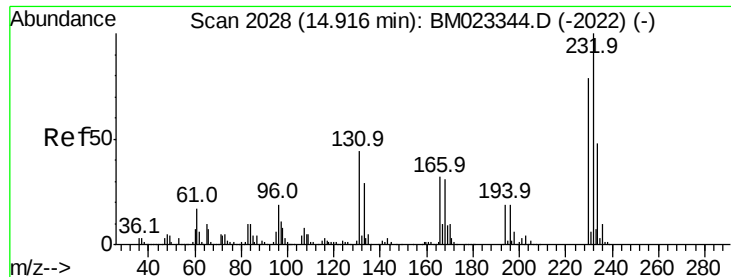
Ion Ratio Lower Upper

165 100

63 41.1 30.9 46.3

182 2.8 2.5 3.7





#56

2,3,4,6-Tetrachlorophenol

Concen: 18.751 ng/ul

RT: 14.91 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

Instrument :

BNA\_M

ClientSampled :

Tot Ion:232 Resp: 444580

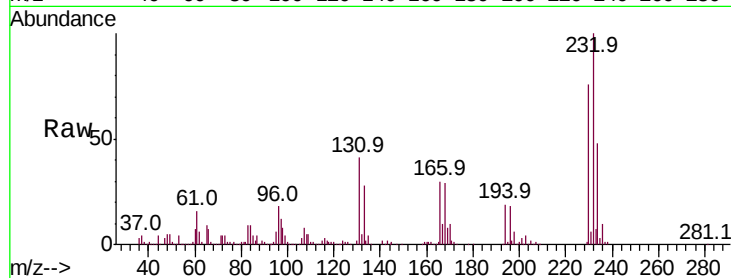
Ion Ratio Lower Upper

232 100

131 41.3 35.3 52.9

130 2.3 1.8 2.8

166 30.3 25.2 37.8

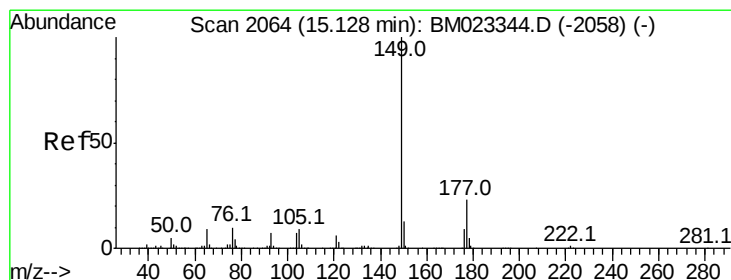
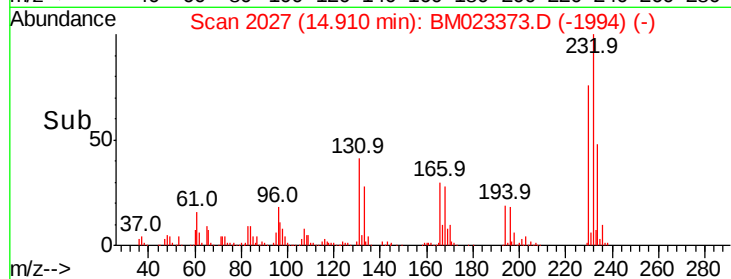
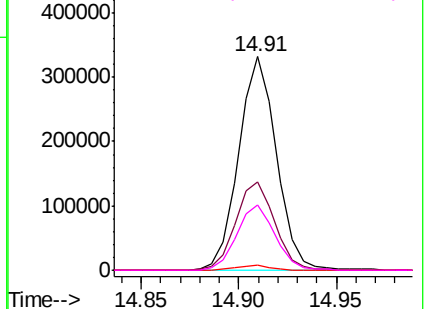


Abundance Ion 232.00 (231.70 to 232.70): E

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



#57

Diethylphthalate

Concen: 18.448 ng/ul

RT: 15.12 min Scan# 2063

Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

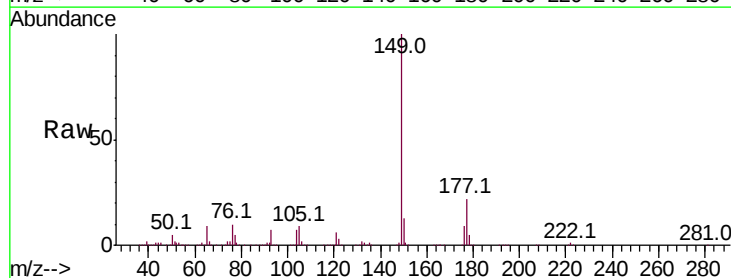
Tgt Ion:149 Resp: 1670729

Ion Ratio Lower Upper

149 100

177 22.3 18.1 27.1

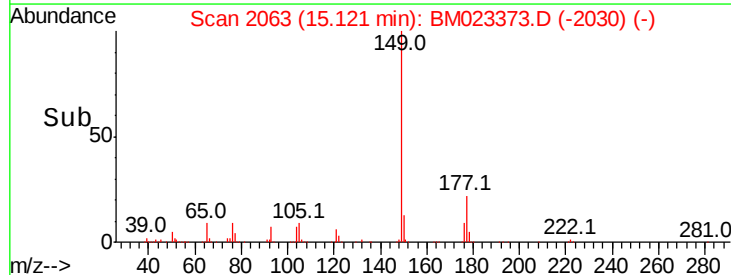
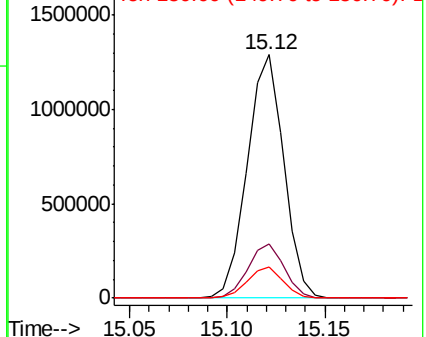
150 12.7 10.3 15.5

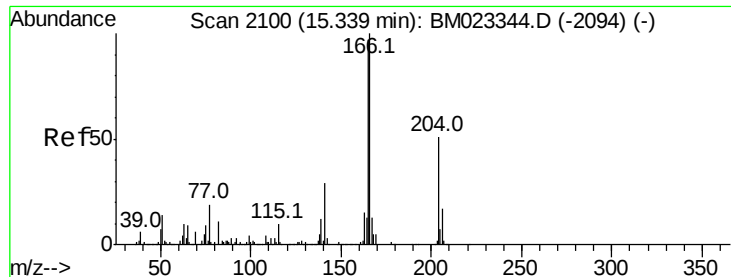


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 19.145 ng/ul

RT: 15.33 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

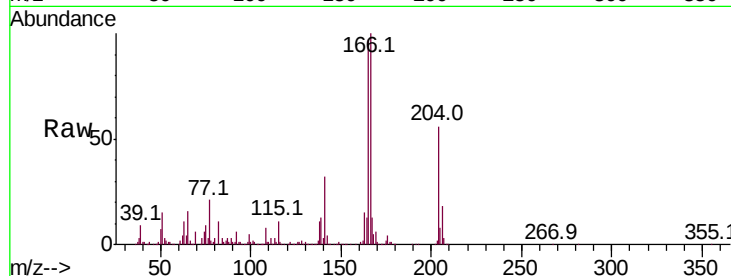
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:166 Resp: 1669787

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 166 | 100   |       |       |
| 165 | 96.8  | 77.8  | 116.6 |
| 167 | 13.2  | 10.8  | 16.2  |

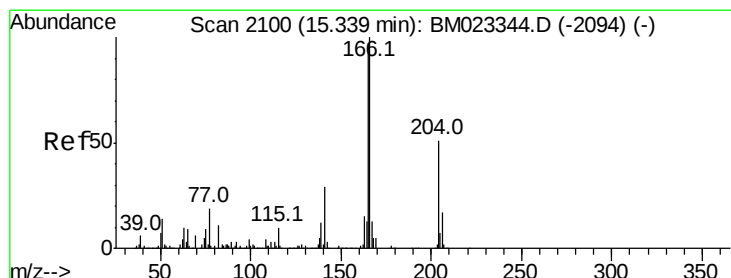
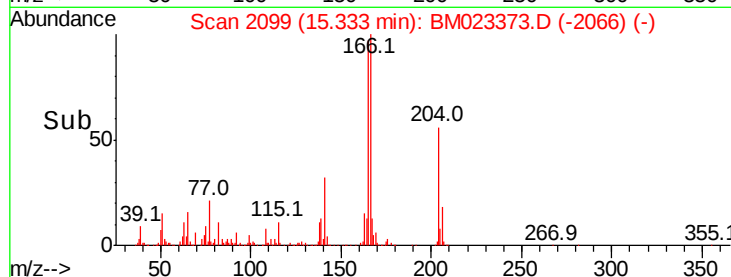
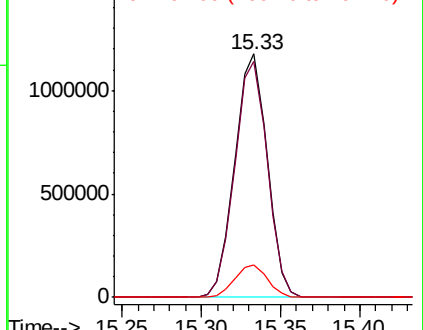


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: 18.597 ng/ul

RT: 15.33 min Scan# 2099

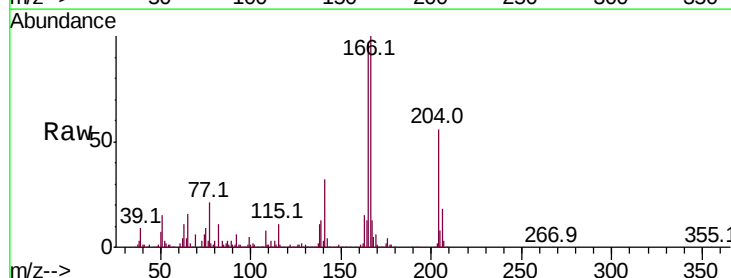
Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

Tgt Ion:204 Resp: 857338

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 204 | 100   |       |       |
| 206 | 32.7  | 26.6  | 40.0  |
| 141 | 57.5  | 46.1  | 69.1  |

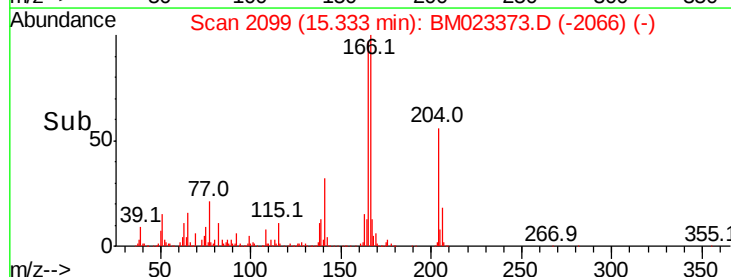
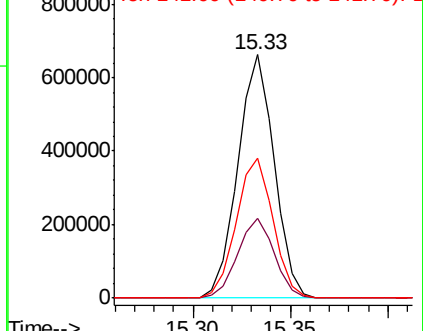


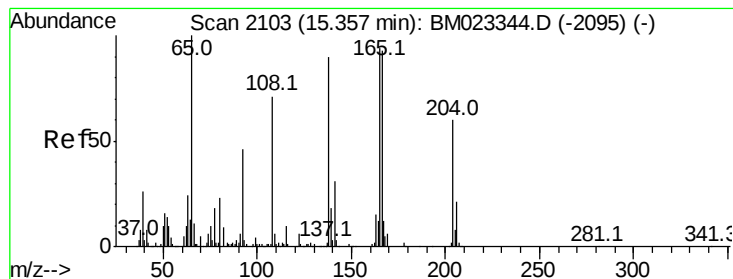
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 20.059 ng/ul

RT: 15.34 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

Instrument :

BNA\_M

ClientSampleId :

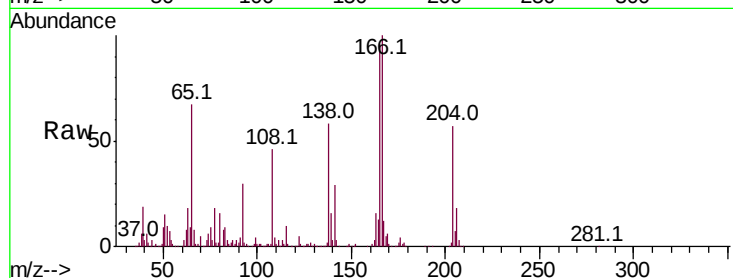
Tot Ion:138 Resp: 359824

Ion Ratio Lower Upper

138 100

92 52.2 41.4 62.0

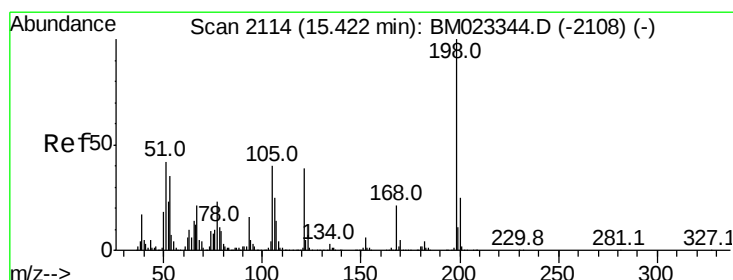
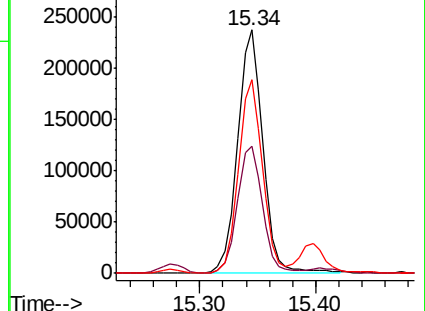
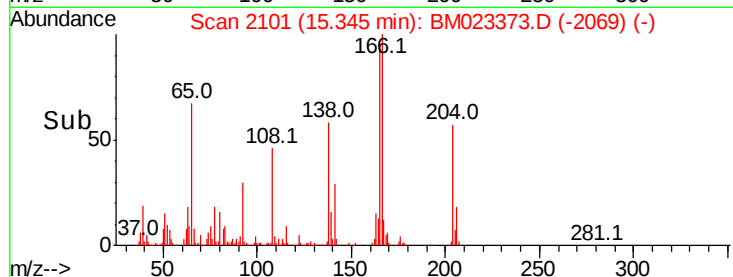
108 79.7 63.0 94.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 11.377 ng/ul

RT: 15.42 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

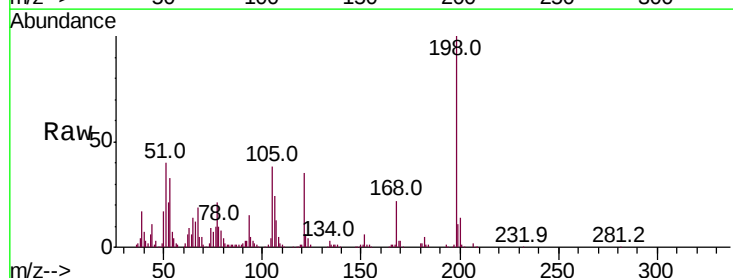
Tgt Ion:198 Resp: 192220

Ion Ratio Lower Upper

198 100

182 5.1 3.1 4.7#

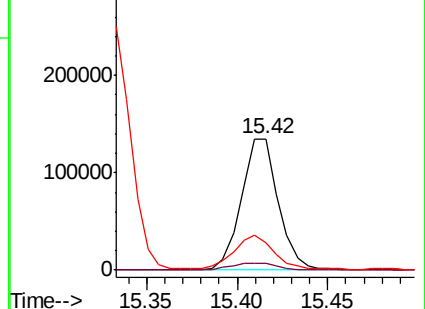
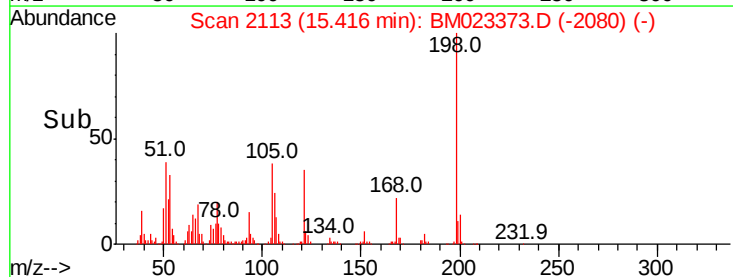
77 20.8 19.1 28.7

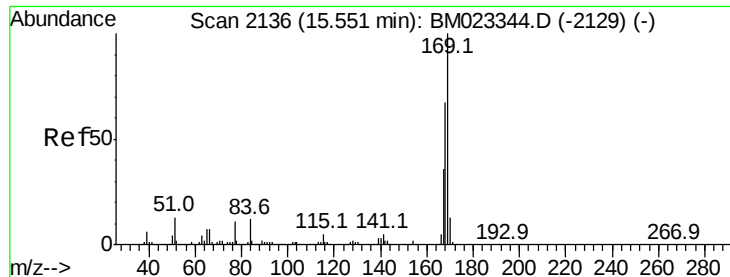


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BM



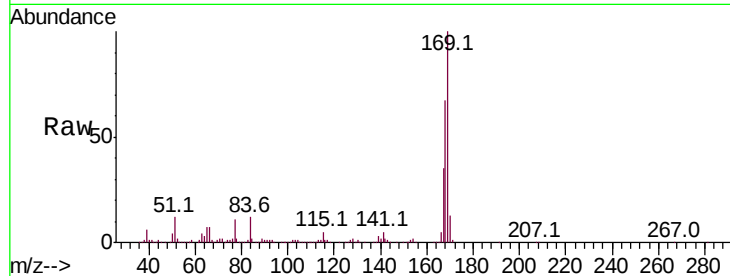


#65

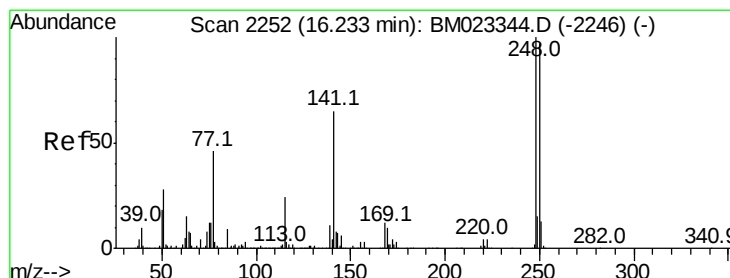
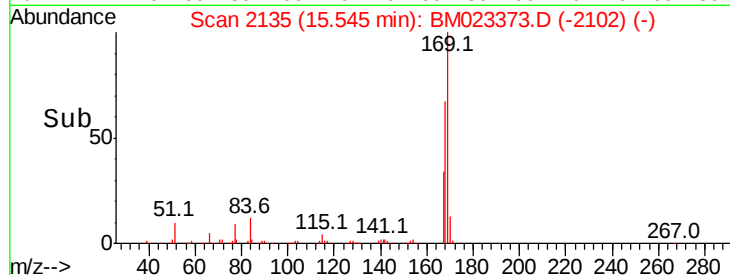
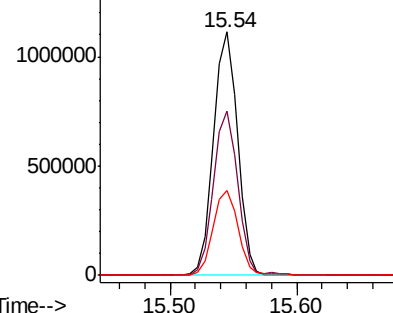
N-Nitrosodiphenylamine  
Concen: 18.794 ng/ul  
RT: 15.54 min Scan# 2135  
Delta R.T. -0.01 min  
Lab File: BM023373.D  
Acq: 24 Oct 2019 11:22

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:169 Resp: 1465128  
Ion Ratio Lower Upper  
169 100  
168 67.4 53.6 80.4  
167 35.1 29.0 43.4



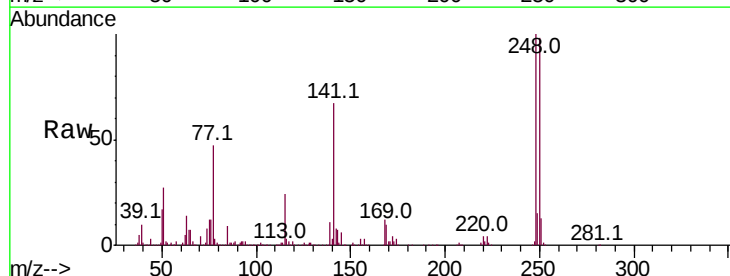
Abundance Ion 169.00 (168.70 to 169.70): E  
1500000 Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E



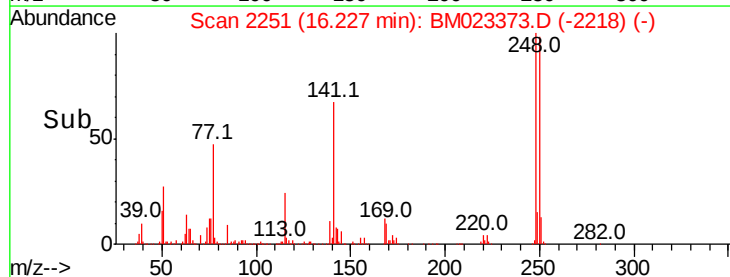
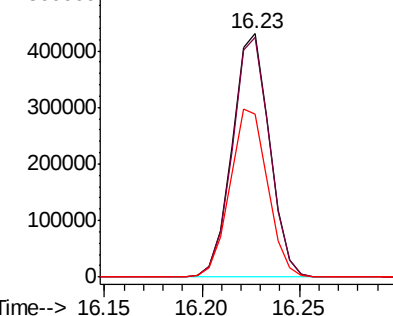
#66

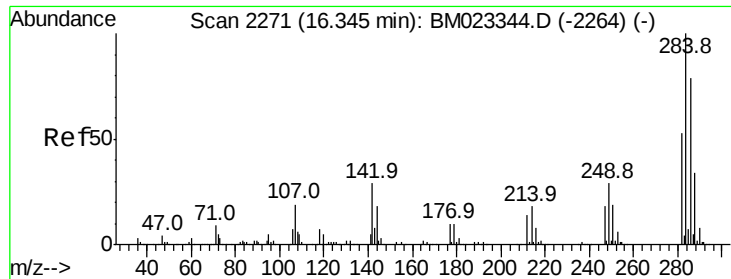
4-Bromophenyl-phenylether  
Concen: 18.015 ng/ul  
RT: 16.23 min Scan# 2251  
Delta R.T. -0.01 min  
Lab File: BM023373.D  
Acq: 24 Oct 2019 11:22

Tgt Ion:248 Resp: 568426  
Ion Ratio Lower Upper  
248 100  
250 98.3 77.4 116.2  
141 67.1 52.4 78.6



Abundance Ion 248.00 (247.70 to 248.70): E  
600000 Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

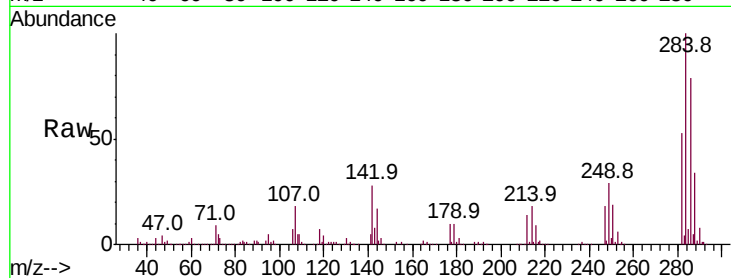




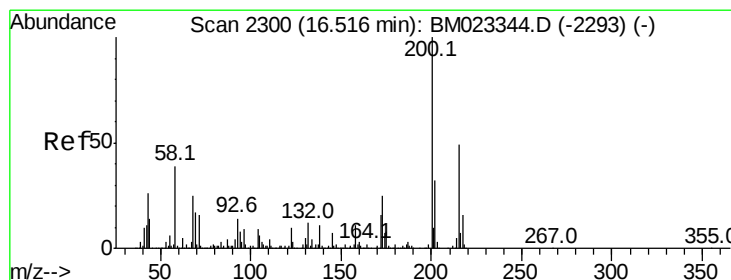
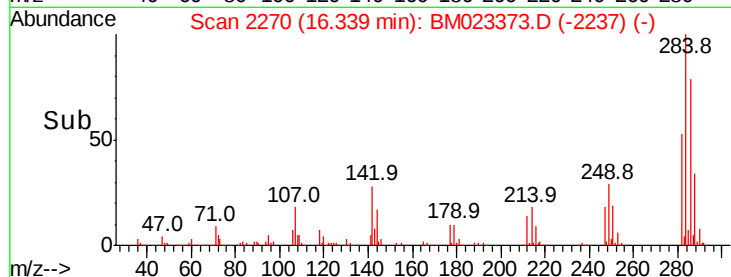
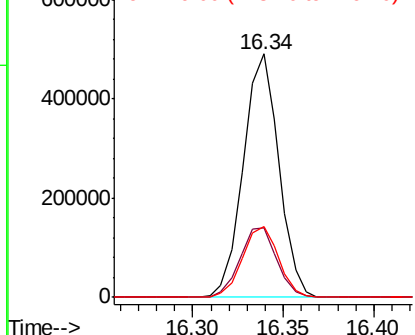
#67  
Hexachlorobenzene  
Concen: 18.530 ng/ul  
RT: 16.34 min Scan# 2270  
Delta R.T. -0.01 min  
Lab File: BM023373.D  
Acq: 24 Oct 2019 11:22

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 28.4  | 23.5  | 35.3  |
| 249     | 29.0  | 23.4  | 35.2  |

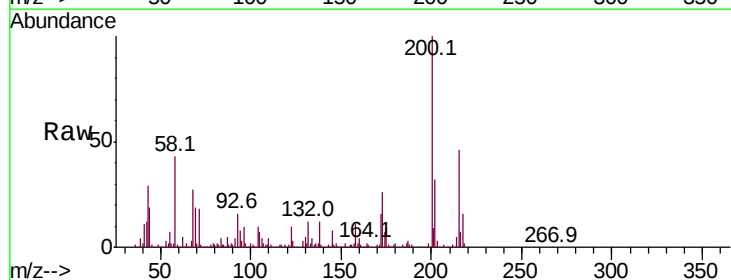


Abundance Ion 284.00 (283.70 to 284.70): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

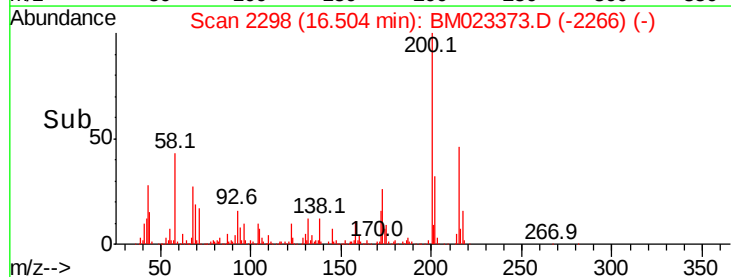
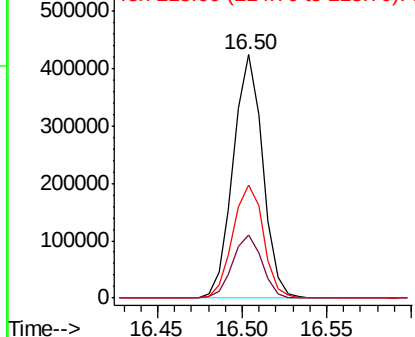


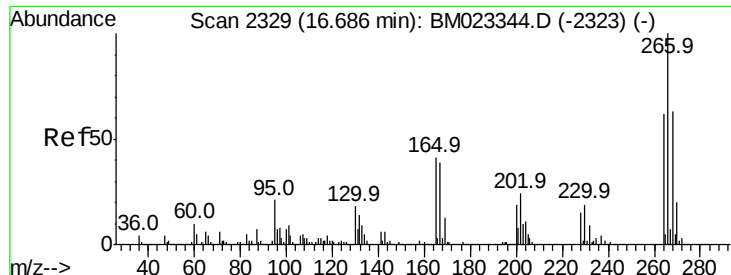
#68  
Atrazine  
Concen: 18.157 ng/ul  
RT: 16.50 min Scan# 2298  
Delta R.T. -0.01 min  
Lab File: BM023373.D  
Acq: 24 Oct 2019 11:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.2  | 20.2  | 30.4  |
| 215     | 46.2  | 39.2  | 58.8  |



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

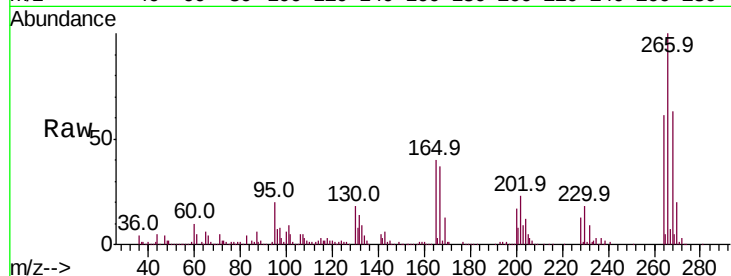




#69  
 Pentachlorophenol  
 Concen: 18.070 ng/ul  
 RT: 16.68 min Scan# 2328  
 Delta R.T. -0.01 min  
 Lab File: BM023373.D  
 Acq: 24 Oct 2019 11:22

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 61.3  | 49.4  | 74.2  |
| 268     | 63.4  | 50.4  | 75.6  |

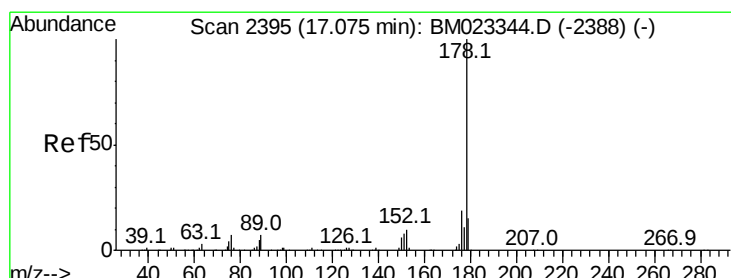
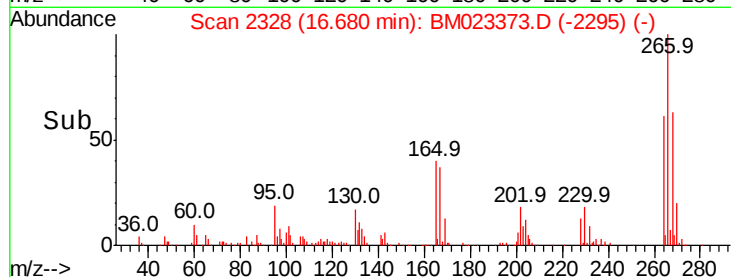
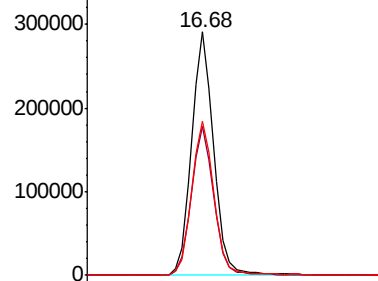


Abundance

Ion 265.70 (265.40 to 266.40): E

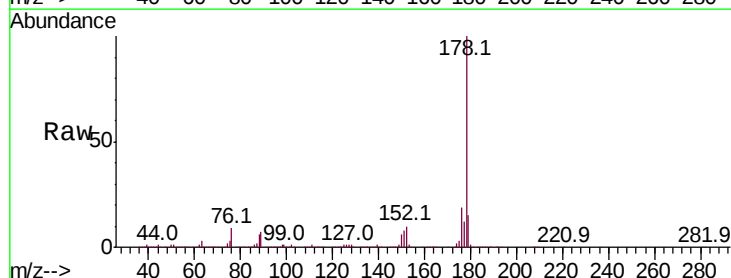
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#70  
 Phenanthrene  
 Concen: 19.632 ng/ul  
 RT: 17.07 min Scan# 2394  
 Delta R.T. -0.01 min  
 Lab File: BM023373.D  
 Acq: 24 Oct 2019 11:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 14.9  | 12.2  | 18.2  |
| 176     | 18.8  | 14.9  | 22.3  |

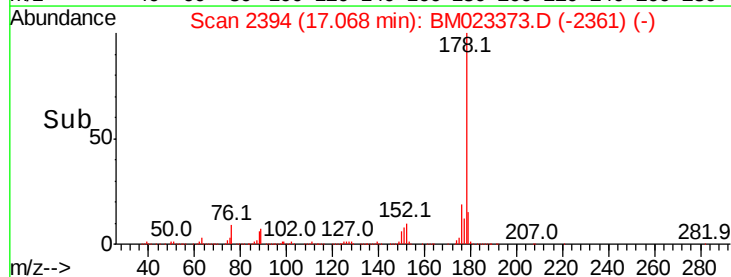
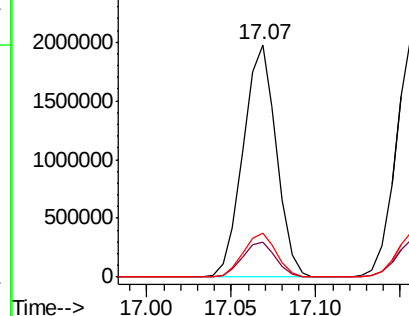


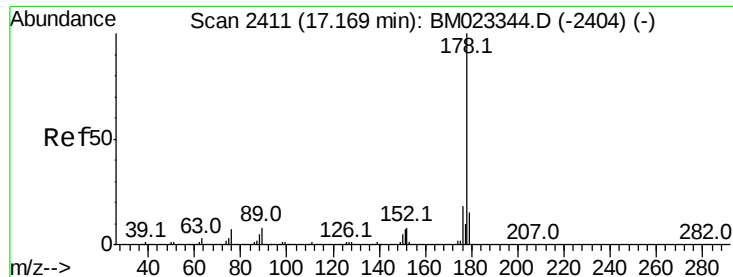
Abundance

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





#72

Anthracene

Concen: 19.910 ng/uL

RT: 17.16 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

Instrument :

BNA\_M

ClientSampleId :

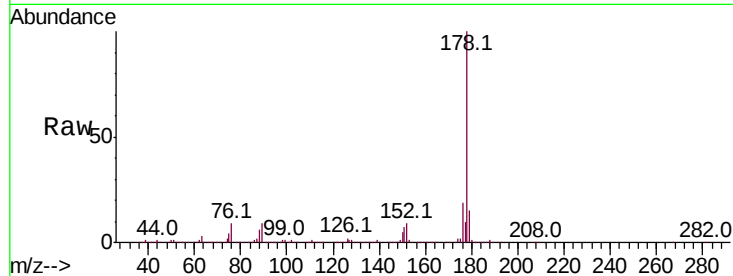
Tot Ion:178 Resp: 2786089

Ion Ratio Lower Upper

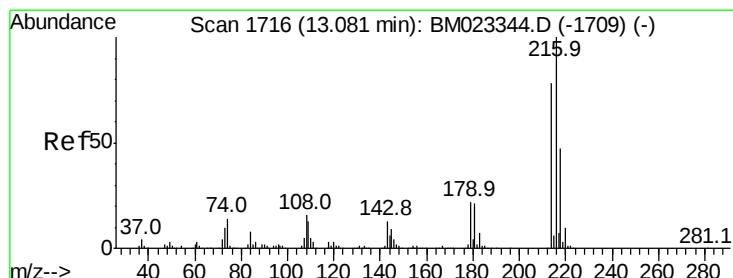
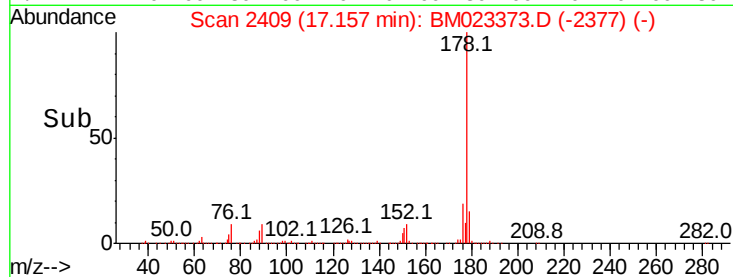
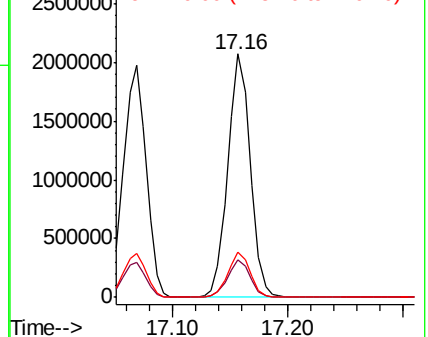
178 100

179 15.3 12.1 18.1

176 18.6 14.4 21.6



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



#73

1,2,3,4-Tetrachlorobenzene

Concen: 19.287 ng/uL

RT: 13.07 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

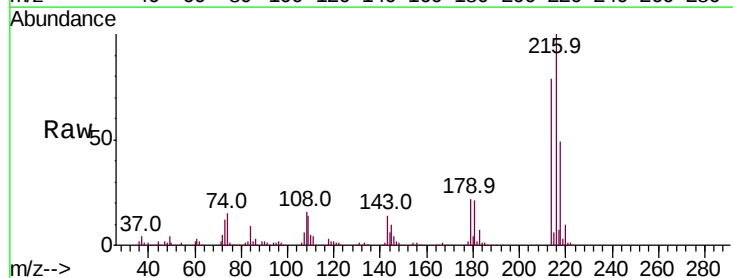
Tgt Ion:216 Resp: 714103

Ion Ratio Lower Upper

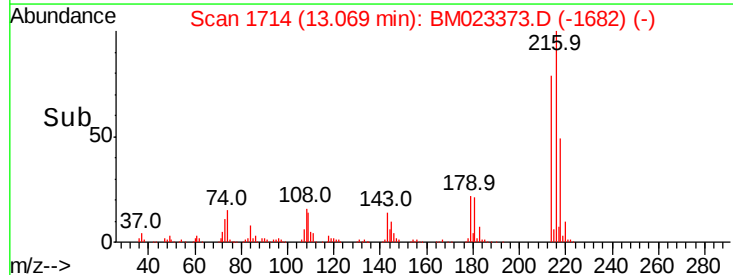
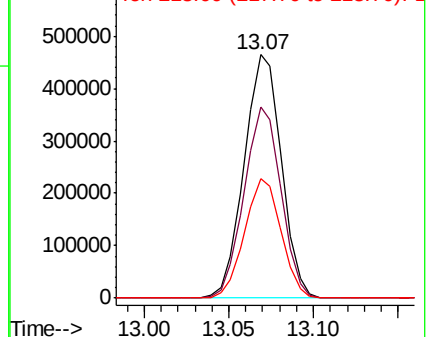
216 100

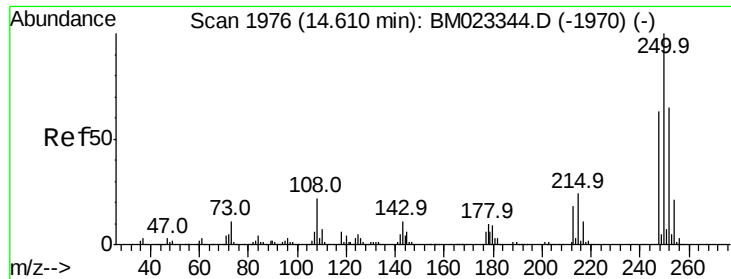
214 78.5 62.1 93.1

218 48.8 37.8 56.8



Abundance Ion 216.00 (215.70 to 216.70): E  
Ion 214.00 (213.70 to 214.70): E  
Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 18.692 ng/uL

RT: 14.60 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

Instrument :

BNA\_M

ClientSampleId :

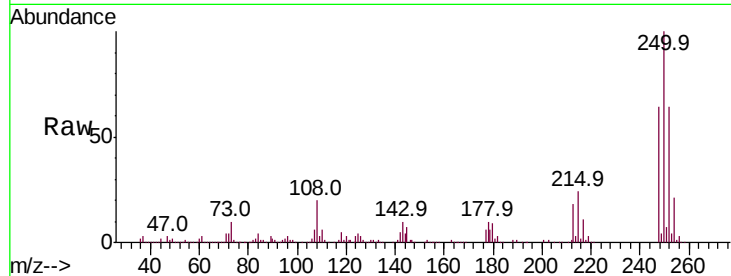
Tot Ion:250 Resp: 741615

Ion Ratio Lower Upper

250 100

248 63.7 50.7 76.1

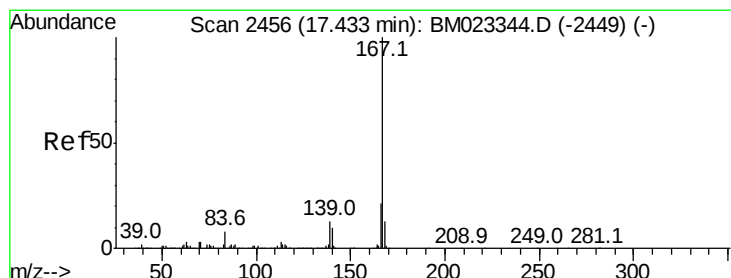
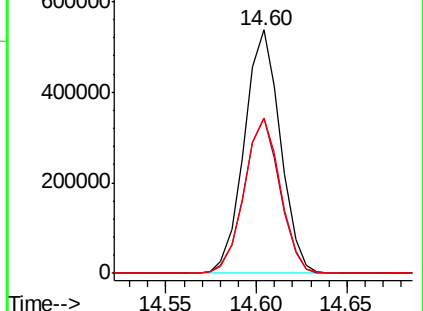
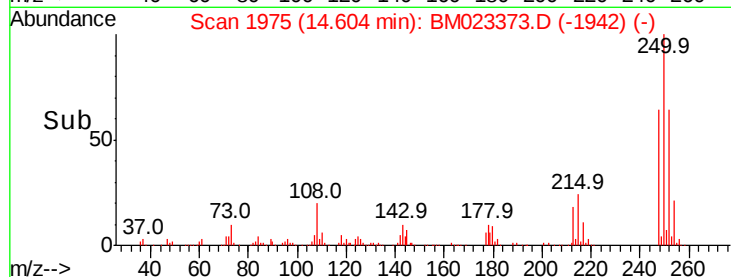
252 63.6 51.8 77.8



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E



#75

Carbazole

Concen: 20.913 ng/uL

RT: 17.43 min Scan# 2455

Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

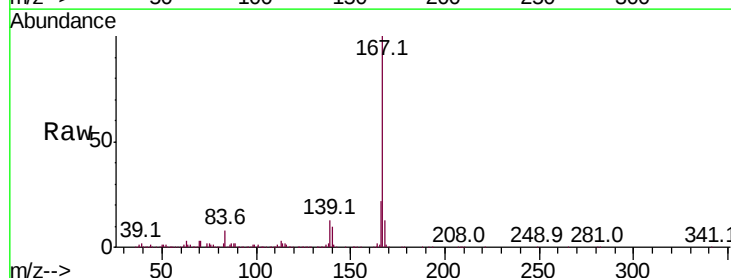
Tgt Ion:167 Resp: 2466958

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

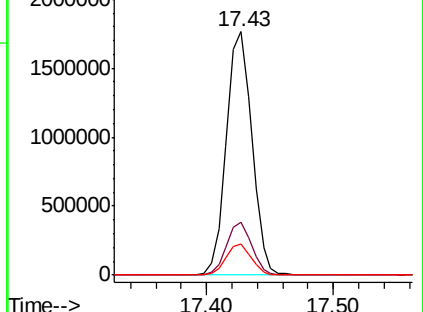
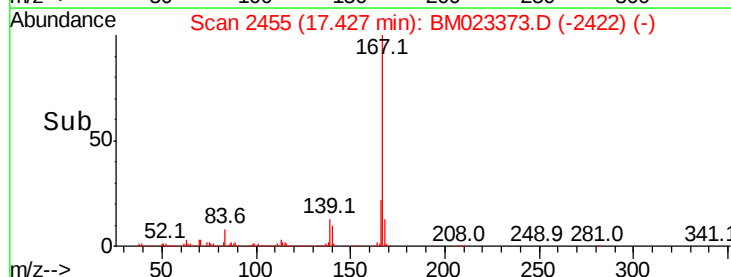
139 12.6 10.0 15.0

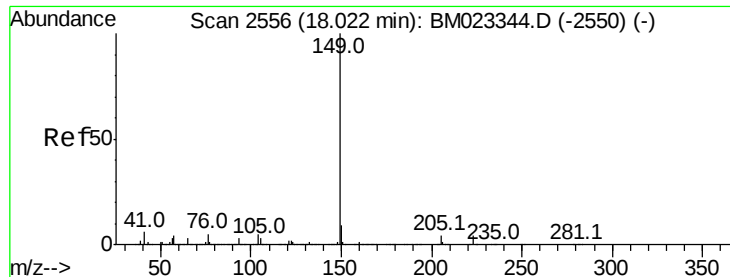


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

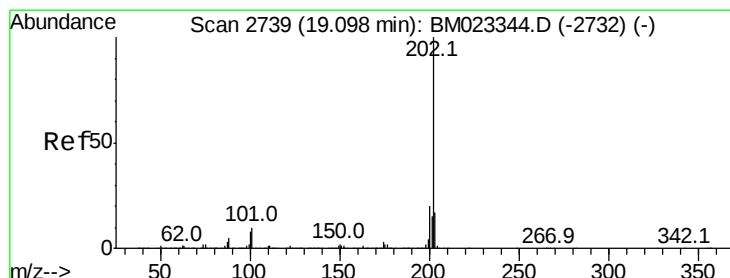
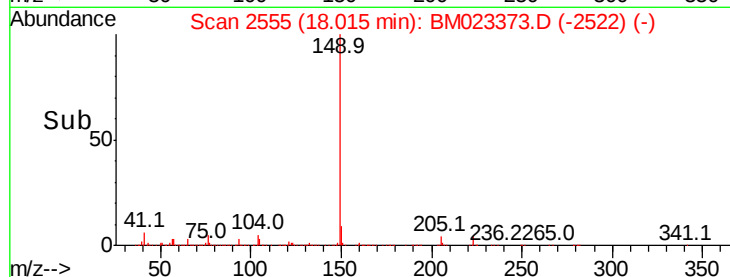
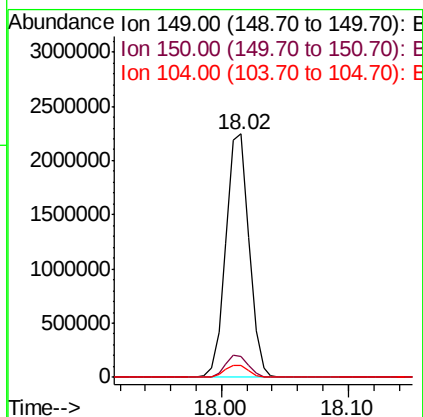
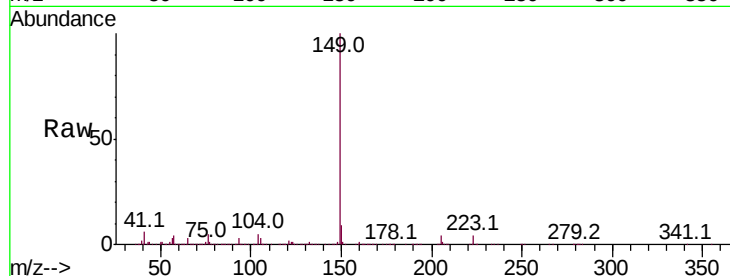




#76  
Di-n-butylphthalate  
Concen: 19.080 ng/ul  
RT: 18.02 min Scan# 2555  
Delta R.T. -0.01 min  
Lab File: BM023373.D  
Acq: 24 Oct 2019 11:22

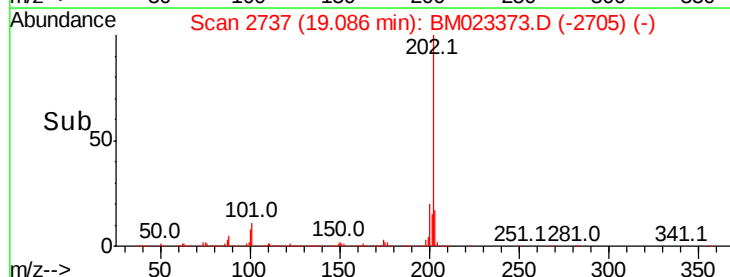
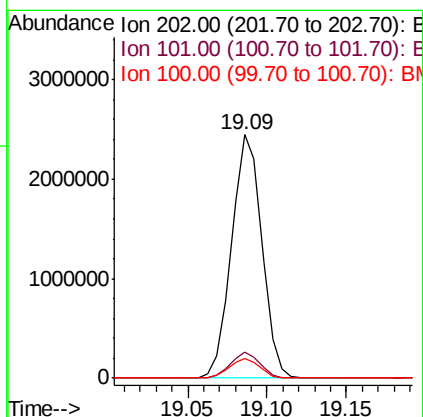
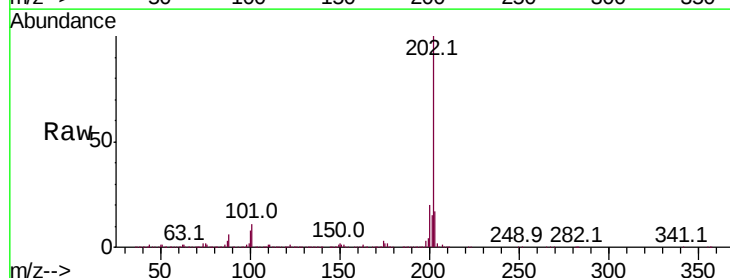
Instrument :  
BNA\_M  
ClientSampleId :

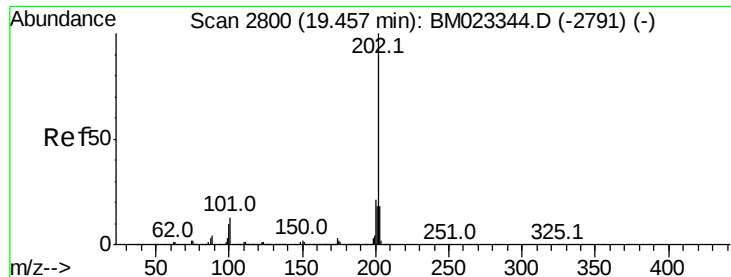
Tot Ion:149 Resp: 2825050  
Ion Ratio Lower Upper  
149 100  
150 8.6 7.2 10.8  
104 4.8 3.9 5.9



#77  
Fluoranthene  
Concen: 22.443 ng/ul  
RT: 19.09 min Scan# 2737  
Delta R.T. -0.01 min  
Lab File: BM023373.D  
Acq: 24 Oct 2019 11:22

Tgt Ion:202 Resp: 3233071  
Ion Ratio Lower Upper  
202 100  
101 10.6 8.1 12.1  
100 8.0 6.2 9.2

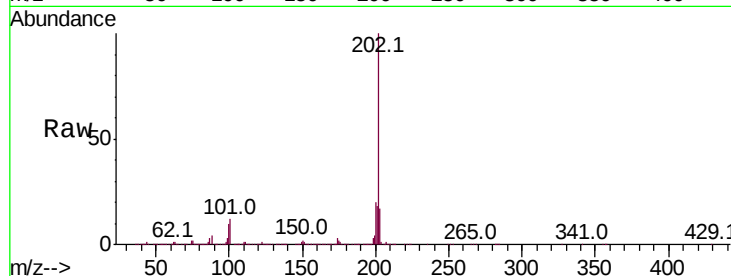




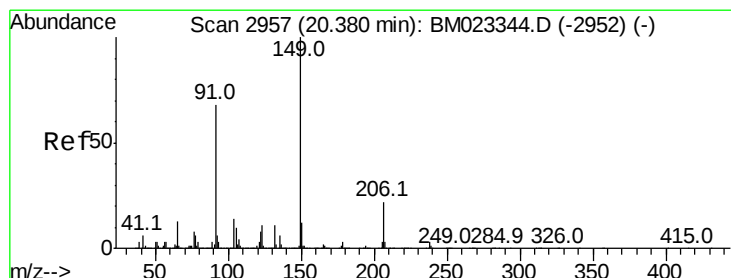
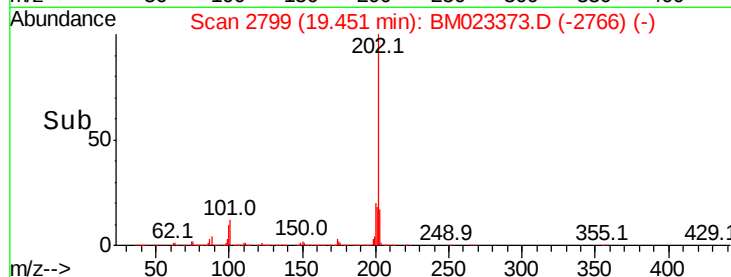
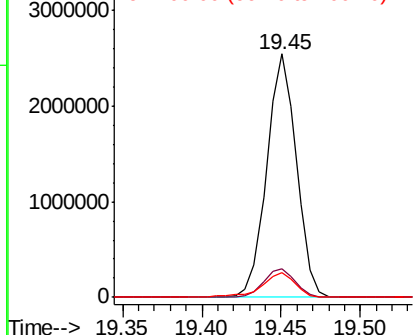
#80  
Pvrene  
Concen: 17.633 ng/ul  
RT: 19.45 min Scan# 2799  
Delta R.T. -0.01 min  
Lab File: BM023373.D  
Acq: 24 Oct 2019 11:22

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:202 Resp: 3323271  
Ion Ratio Lower Upper  
202 100  
101 12.0 10.0 15.0  
100 10.1 8.3 12.5

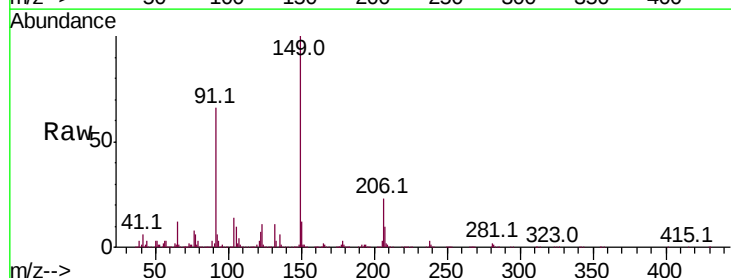


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 100.00 (99.70 to 100.70): B

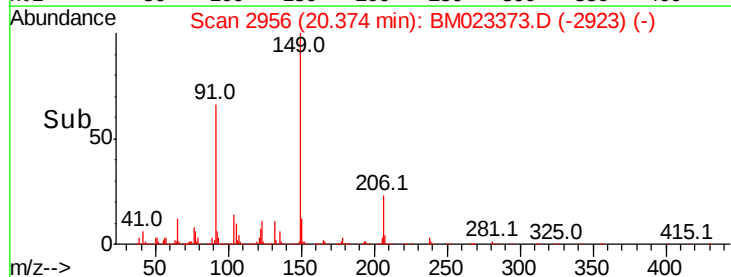
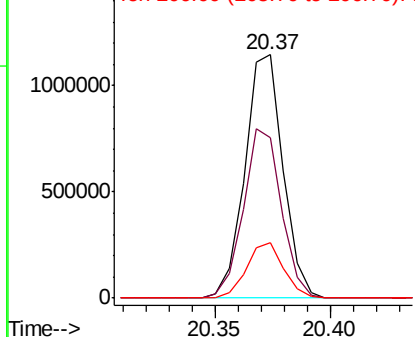


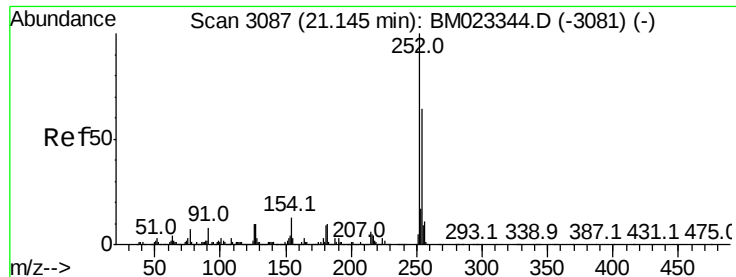
#81  
Butylbenzylphthalate  
Concen: 17.142 ng/ul  
RT: 20.37 min Scan# 2956  
Delta R.T. -0.01 min  
Lab File: BM023373.D  
Acq: 24 Oct 2019 11:22

Tgt Ion:149 Resp: 1322714  
Ion Ratio Lower Upper  
149 100  
91 65.9 54.2 81.2  
206 22.9 17.7 26.5



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): B  
Ion 206.00 (205.70 to 206.70): E

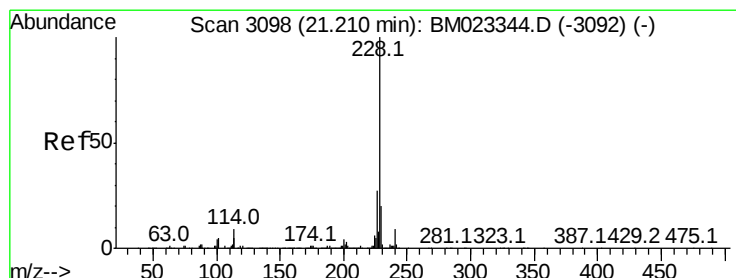
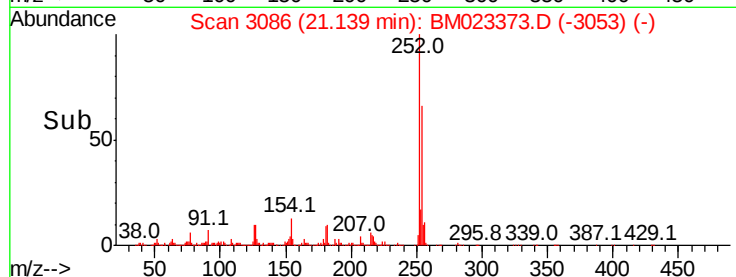
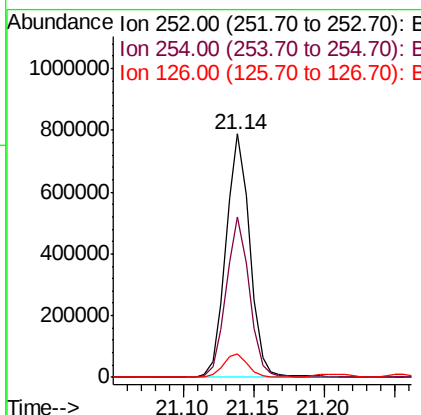
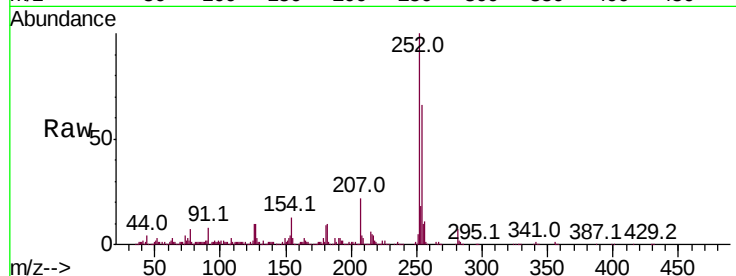




#82  
 3,3'-Dichlorobenzidine  
 Concen: 14.492 ng/ul  
 RT: 21.14 min Scan# 3086  
 Delta R.T. -0.01 min  
 Lab File: BM023373.D  
 Acq: 24 Oct 2019 11:22

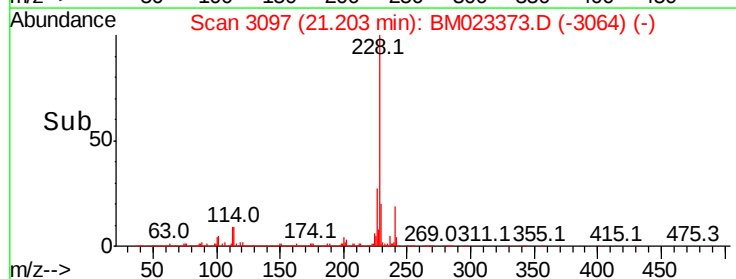
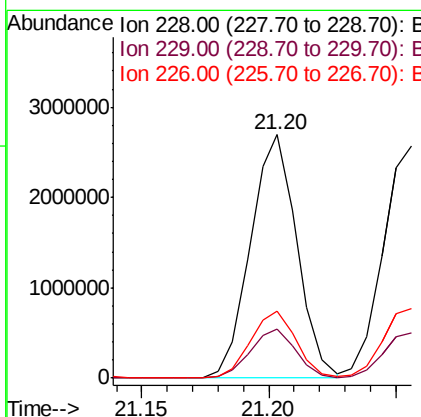
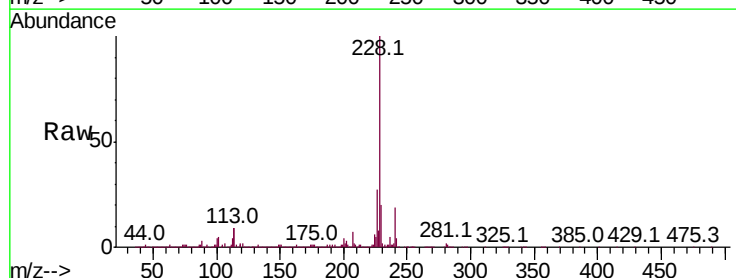
Instrument :  
 BNA\_M  
 ClientSampleId :

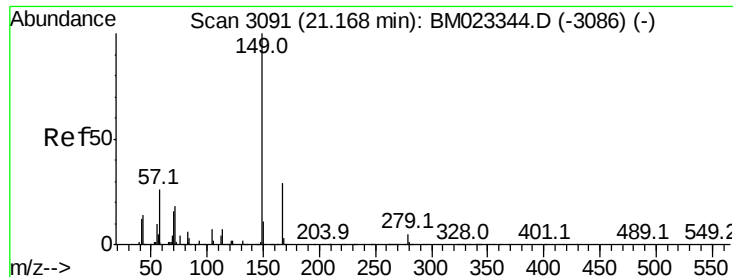
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 252   | Resp: | 925073 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 254      | 65.9  | 51.0  | 76.6   |
| 126      | 9.8   | 8.0   | 12.0   |



#83  
 Benzo(a)anthracene  
 Concen: 19.196 ng/ul  
 RT: 21.20 min Scan# 3097  
 Delta R.T. -0.01 min  
 Lab File: BM023373.D  
 Acq: 24 Oct 2019 11:22

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 228   | Resp: | 3426526 |
| Ion      | Ratio | Lower | Upper   |
| 228      | 100   |       |         |
| 229      | 20.0  | 15.8  | 23.8    |
| 226      | 27.4  | 21.6  | 32.4    |





#84

Bis(2-ethylhexyl)phthalate

Concen: 17.660 ng/ul

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

Instrument :

BNA\_M

ClientSampleId :

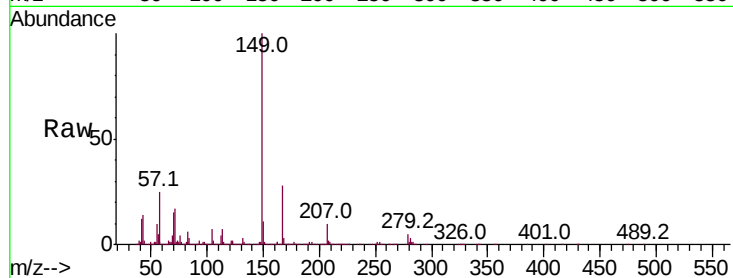
Tot Ion:149 Resp: 1910428

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.3  | 22.9  | 34.3  |
| 279 | 5.4   | 4.1   | 6.1   |

149 100

167 28.3 22.9 34.3

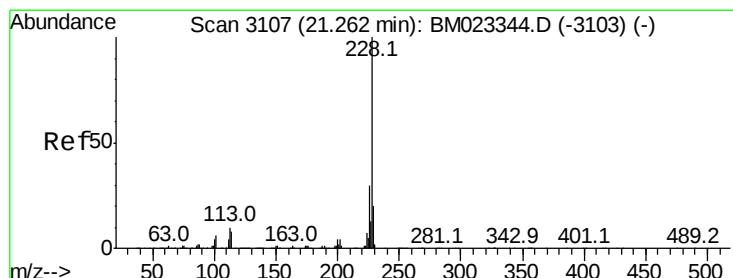
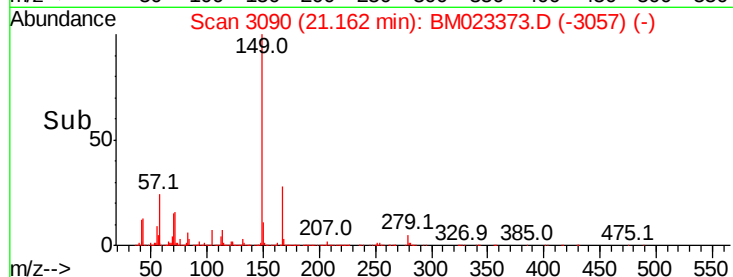
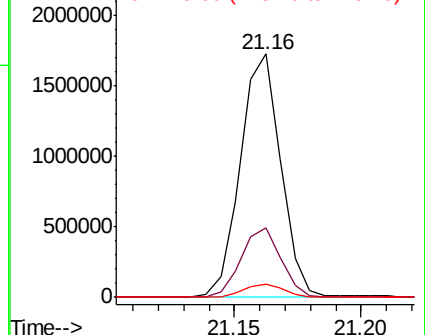
279 5.4 4.1 6.1



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



#85

Chrysene

Concen: 19.467 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

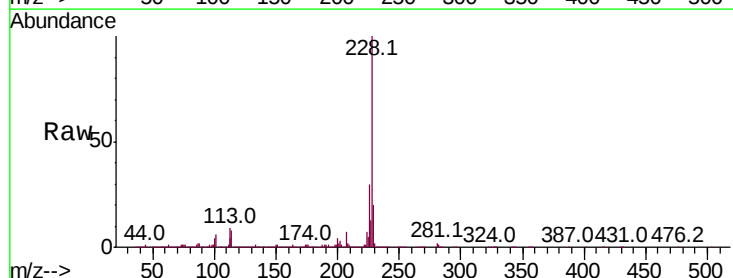
Tgt Ion:228 Resp: 3206234

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.9  | 24.0  | 36.0  |
| 229 | 19.6  | 16.0  | 24.0  |

228 100

226 29.9 24.0 36.0

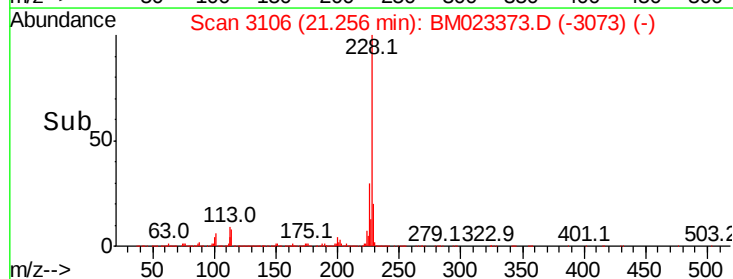
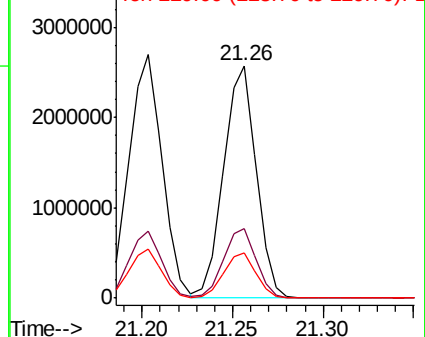
229 19.6 16.0 24.0

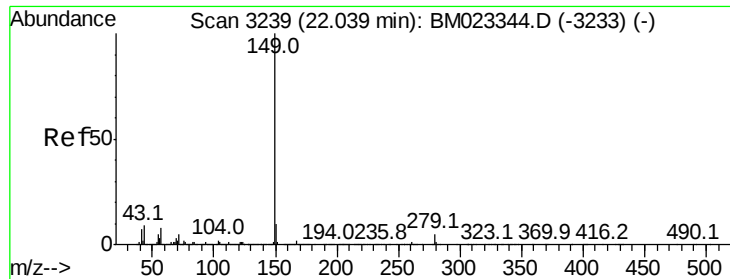


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 17.719 ng/ul

RT: 22.03 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BM023373.D

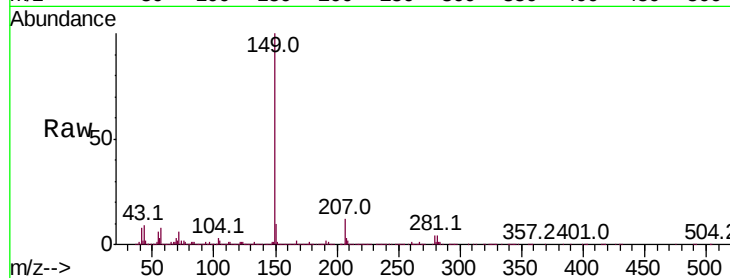
Acq: 24 Oct 2019 11:22

Instrument :

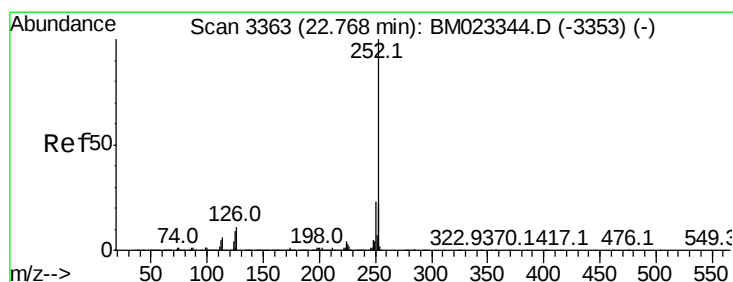
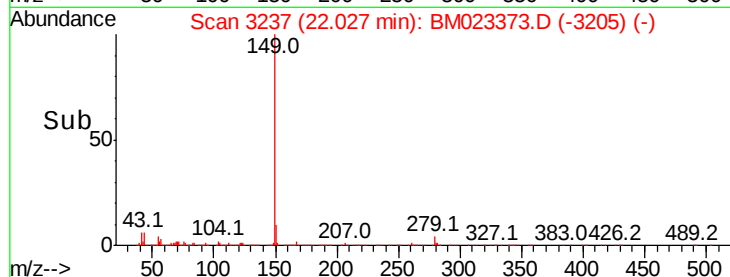
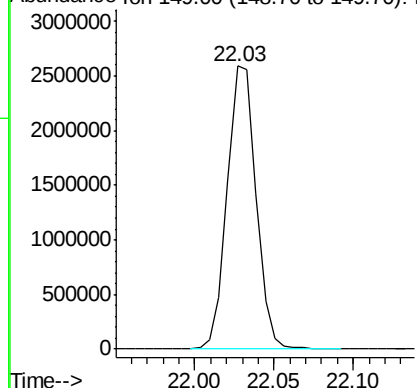
BNA\_M

ClientSampleId :

Tgt Ion:149 Resp: 3266566



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 18.199 ng/ul

RT: 22.76 min Scan# 3361

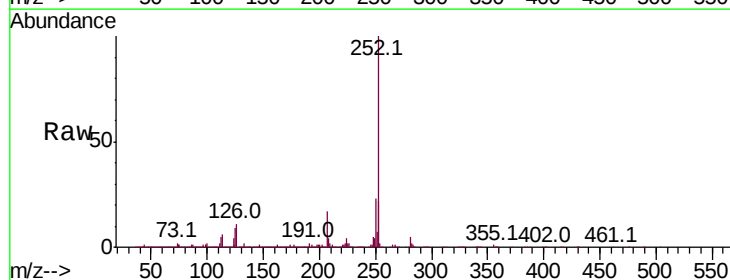
Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

Tgt Ion:252 Resp: 3663463

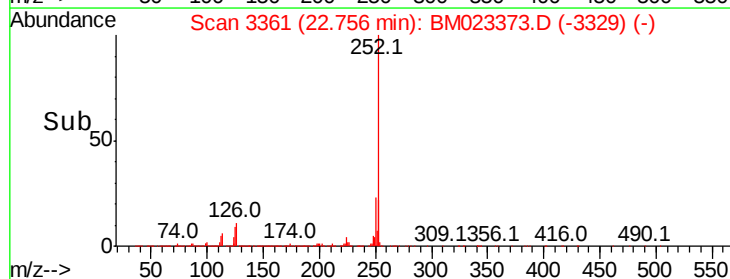
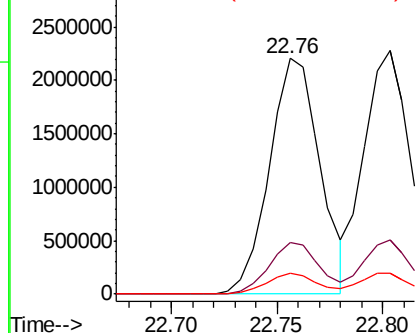
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.1  | 17.5  | 26.3  |
| 125 | 8.8   | 7.1   | 10.7  |

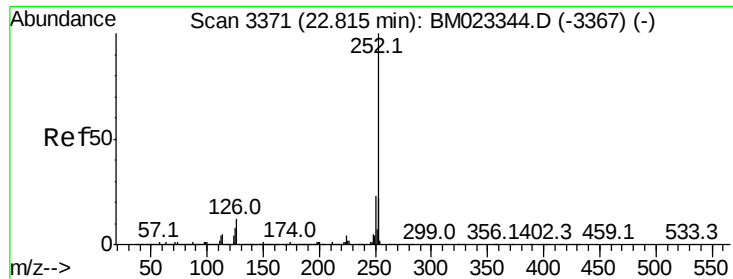


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 18.585 ng/ul

RT: 22.80 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

Instrument :

BNA\_M

ClientSampleId :

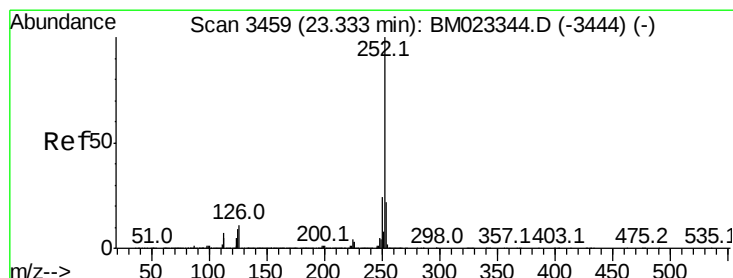
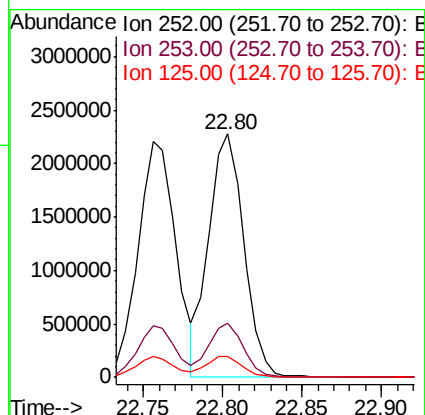
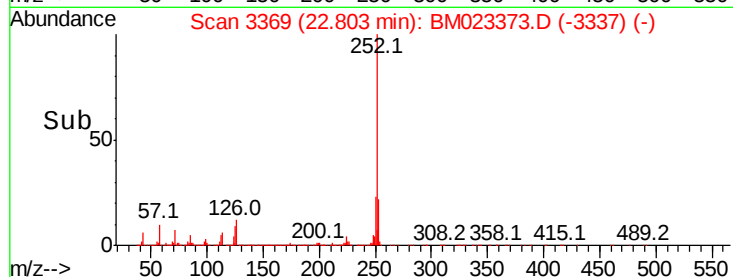
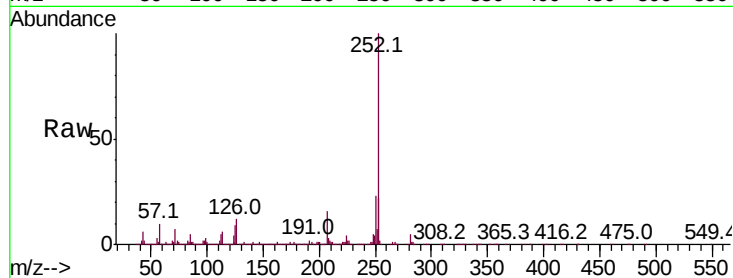
Tot Ion:252 Resp: 3512983

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 8.8 6.8 10.2



#91

Benzo(a)pyrene

Concen: 18.936 ng/ul

RT: 23.32 min Scan# 3457

Delta R.T. -0.01 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

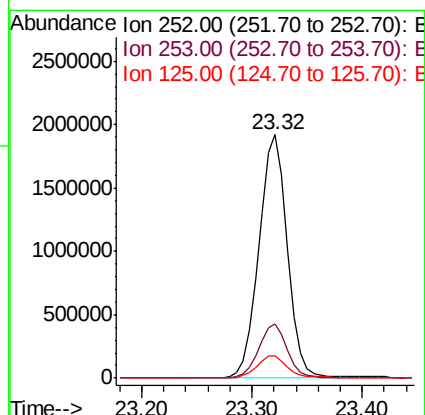
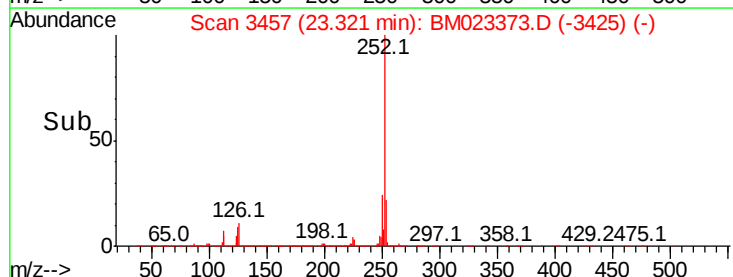
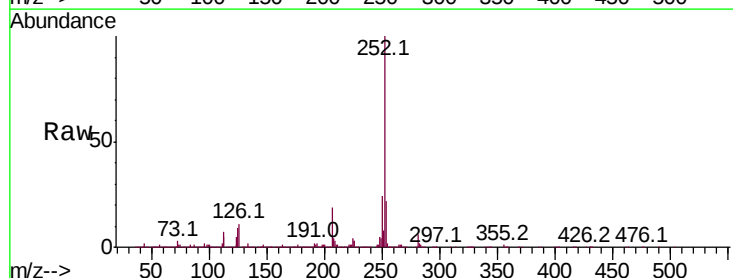
Tgt Ion:252 Resp: 3451050

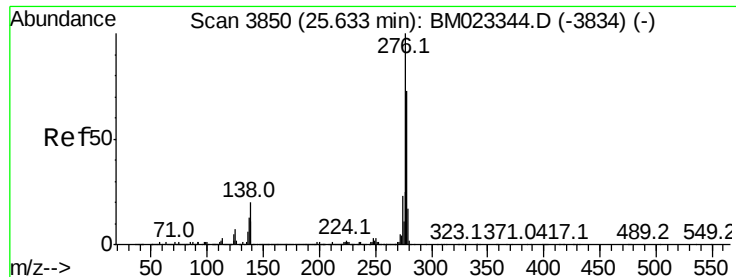
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 9.2 7.5 11.3



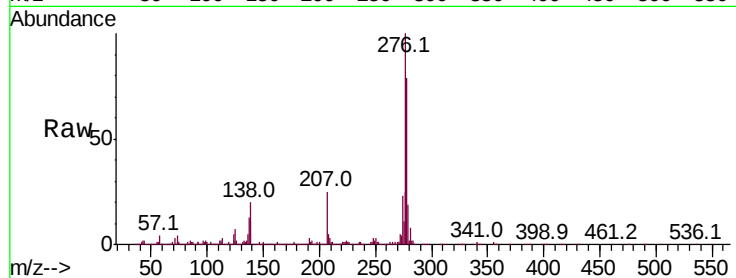


#92

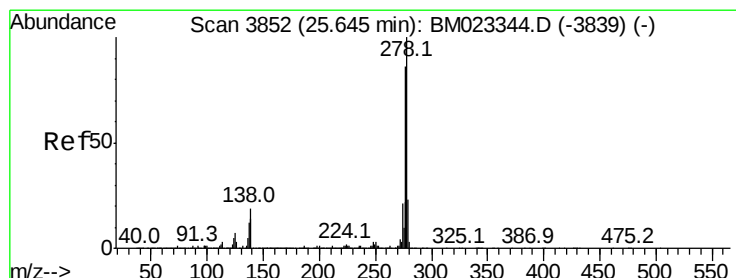
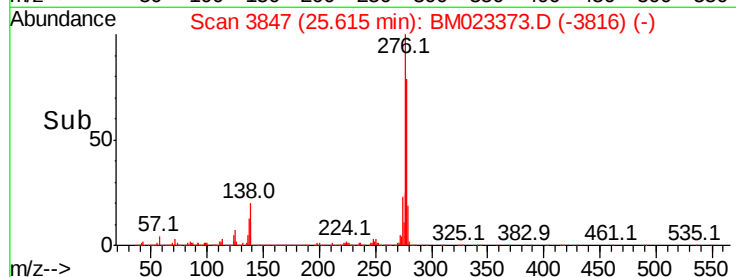
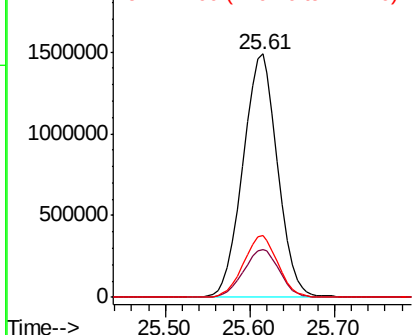
Indeno(1,2,3-cd)pyrene  
Concen: 21.498 ng/ul  
RT: 25.61 min Scan# 3847  
Delta R.T. -0.02 min  
Lab File: BM023373.D  
Acq: 24 Oct 2019 11:22

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:276 Resp: 4242276  
Ion Ratio Lower Upper  
276 100  
138 19.6 15.7 23.5  
277 25.4 20.2 30.2



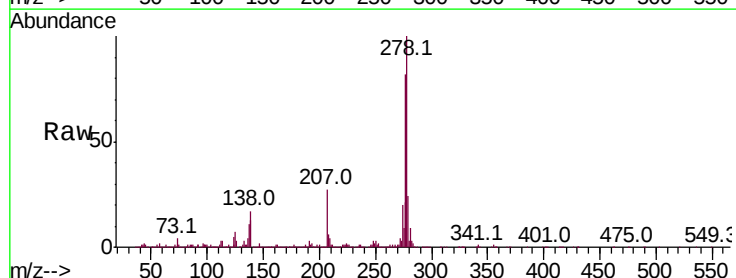
Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E



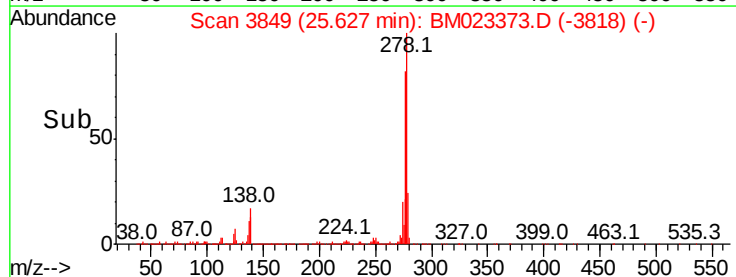
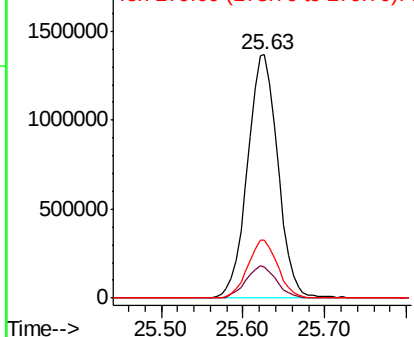
#93

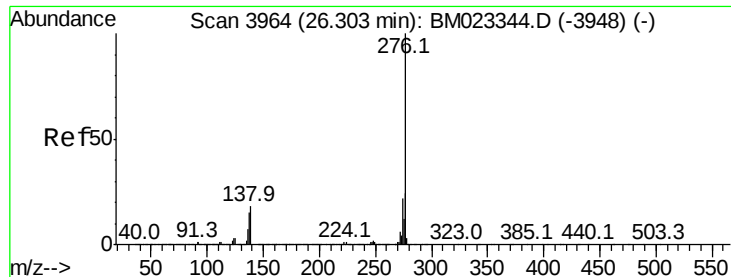
Dibenzo(a,h)anthracene  
Concen: 21.283 ng/ul  
RT: 25.63 min Scan# 3849  
Delta R.T. -0.02 min  
Lab File: BM023373.D  
Acq: 24 Oct 2019 11:22

Tgt Ion:278 Resp: 3541250  
Ion Ratio Lower Upper  
278 100  
139 12.6 10.9 16.3  
279 23.9 18.7 28.1



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





#94

Benzo(a,h,i)perylene

Concen: 21.813 ng/ul

RT: 26.28 min Scan# 3960

Delta R.T. -0.02 min

Lab File: BM023373.D

Acq: 24 Oct 2019 11:22

Instrument :

BNA\_M

ClientSampleId :

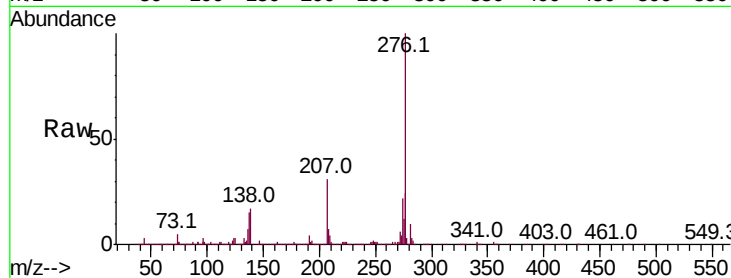
Tot Ion:276 Resp: 3501917

Ion Ratio Lower Upper

276 100

138 17.2 14.4 21.6

277 24.2 19.0 28.6



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

