

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103118\  
 Data File : BM017426.D  
 Acq On : 31 Oct 2018 10:21  
 Operator : MJ/SJ  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 31 13:56:07 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 26 01:13:26 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.65  | 152  | 194442   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.42 | 136  | 923057   | 20.00 | ng/ul | -0.01    |
| 36) Acenaphthene-d10      | 14.29 | 164  | 590879   | 20.00 | ng/ul | -0.01    |
| 62) Phenanthrene-d10      | 17.04 | 188  | 1443976  | 20.00 | ng/ul | -0.01    |
| 78) Chrysene-d12          | 21.24 | 240  | 1731282  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.44 | 264  | 1647665  | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.22  | 96  | 30549   | 7.23  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.83  | 99  | 351726  | 19.80 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.99  | 67  | 205515  | 19.84 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.18  | 132 | 279620  | 20.31 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8          | 8.35  | 113 | 289927  | 20.64 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5            | 8.80  | 128 | 143112  | 19.84 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.51  | 143 | 161379  | 19.94 | ng/ul | -0.01 |
| 26) 2,4-Dichlorophenol-d3      | 10.05 | 165 | 312491  | 20.79 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4         | 10.56 | 131 | 273160  | 22.27 | ng/ul | -0.01 |
| 44) Dimethylphthalate-d6       | 13.70 | 166 | 994556  | 19.63 | ng/ul | -0.01 |
| 47) Acenaphthylene-d8          | 13.97 | 160 | 1240916 | 20.17 | ng/ul | -0.01 |
| 52) 4-Nitrophenol-d4           | 14.51 | 143 | 166756  | 17.62 | ng/ul | 0.00  |
| 58) Fluorene-d10               | 15.29 | 176 | 882222  | 20.05 | ng/ul | -0.01 |
| 63) 4,6-Dinitro-2-methylphenol | 15.42 | 200 | 168906  | 16.79 | ng/ul | -0.01 |
| 71) Anthracene-d10             | 17.14 | 188 | 1429984 | 20.01 | ng/ul | 0.00  |
| 79) Pyrene-d10                 | 19.44 | 212 | 1657176 | 20.66 | ng/ul | -0.01 |
| 90) Benzo(a)pyrene-d12         | 23.31 | 264 | 1752308 | 20.14 | ng/ul | 0.00  |

## Target Compounds

|                                |       |     |        |        | Ovalue |    |
|--------------------------------|-------|-----|--------|--------|--------|----|
| 2) 1,4-Dioxane                 | 3.25  | 88  | 34059  | 7.998  | ng/uL  | 91 |
| 4) Benzaldehyde                | 6.80  | 77  | 62332  | 18.414 | ng/ul  | 94 |
| 6) Phenol                      | 6.85  | 94  | 352668 | 19.997 | ng/ul  | 98 |
| 8) Bis(2-Chloroethyl)ether     | 7.08  | 93  | 269711 | 20.187 | ng/ul  | 99 |
| 10) 2-Chlorophenol             | 7.21  | 128 | 281289 | 20.335 | ng/ul  | 99 |
| 11) 2-Methylphenol             | 8.09  | 108 | 270486 | 20.364 | ng/ul  | 97 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.17  | 45  | 362911 | 20.383 | ng/ul  | 98 |
| 14) Acetophenone               | 8.46  | 105 | 450335 | 20.811 | ng/ul  | 99 |
| 15) N-Nitroso-di-n-propylamine | 8.45  | 70  | 225222 | 21.190 | ng/ul  | 99 |
| 16) 4-Methylphenol             | 8.42  | 108 | 298350 | 20.856 | ng/ul  | 98 |
| 17) Hexachloroethane           | 8.70  | 117 | 106509 | 19.690 | ng/ul  | 92 |
| 20) Nitrobenzene               | 8.84  | 77  | 330937 | 19.410 | ng/ul  | 98 |
| 21) Isophorone                 | 9.36  | 82  | 621362 | 20.076 | ng/ul  | 99 |
| 23) 2-Nitrophenol              | 9.55  | 139 | 173185 | 20.319 | ng/ul  | 96 |
| 24) 2,4-Dimethylphenol         | 9.60  | 107 | 346614 | 20.455 | ng/ul  | 99 |
| 25) Bis(2-Chloroethoxy)methane | 9.85  | 93  | 395874 | 20.158 | ng/ul  | 99 |
| 27) 2,4-Dichlorophenol         | 10.07 | 162 | 300537 | 20.876 | ng/ul  | 99 |
| 28) Naphthalene                | 10.47 | 128 | 959545 | 19.871 | ng/ul  | 99 |
| 30) 4-Chloroaniline            | 10.59 | 127 | 279681 | 22.302 | ng/ul  | 97 |
| 31) Hexachlorobutadiene        | 10.75 | 225 | 183797 | 19.303 | ng/ul  | 98 |
| 32) Caprolactam                | 11.36 | 113 | 97873  | 20.041 | ng/ul  | 94 |
| 33) 4-Chloro-3-methylphenol    | 11.72 | 107 | 341552 | 21.574 | ng/ul  | 99 |
| 34) 2-Methylnaphthalene        | 12.09 | 142 | 737050 | 20.772 | ng/ul  | 99 |

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 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 31 13:56:07 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 26 01:13:26 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| -----                          |       |      |          |        |        |          |
| 35) 1-Methylnaphthalene        | 12.31 | 142  | 705155   | 20.727 | ng/ul  | 99       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.46 | 216  | 385254   | 19.400 | ng/ul  | 97       |
| 38) Hexachlorocyclopentadiene  | 12.43 | 237  | 184854   | 14.597 | ng/ul  | 98       |
| 39) 2,4,6-Trichlorophenol      | 12.71 | 196  | 253573   | 20.126 | ng/ul  | 99       |
| 40) 2,4,5-Trichlorophenol      | 12.78 | 196  | 265494   | 19.579 | ng/ul  | 98       |
| 41) 1,1'-Biphenyl              | 13.12 | 154  | 959462   | 19.628 | ng/ul  | 99       |
| 42) 2-Chloronaphthalene        | 13.15 | 162  | 751053   | 19.664 | ng/ul  | 99       |
| 43) 2-Nitroaniline             | 13.37 | 65   | 215093   | 19.975 | ng/ul  | 95       |
| 45) Dimethylphthalate          | 13.75 | 163  | 967628   | 19.710 | ng/ul  | 100      |
| 46) 2,6-Dinitrotoluene         | 13.87 | 165  | 199849   | 20.283 | ng/ul  | 98       |
| 48) Acenaphthylene             | 14.00 | 152  | 1161545  | 20.116 | ng/ul  | 99       |
| 49) 3-Nitroaniline             | 14.21 | 138  | 181130   | 19.503 | ng/ul  | 93       |
| 50) Acenaphthene               | 14.35 | 153  | 818276   | 19.792 | ng/ul  | 100      |
| 51) 2,4-Dinitrophenol          | 14.42 | 184  | 78618    | 12.010 | ng/ul  | 97       |
| 53) 4-Nitrophenol              | 14.52 | 109  | 128611   | 17.918 | ng/ul  | 96       |
| 54) Dibenzofuran               | 14.69 | 168  | 1185051  | 20.234 | ng/ul  | 99       |
| 55) 2,4-Dinitrotoluene         | 14.67 | 165  | 306742   | 20.868 | ng/ul  | 99       |
| 56) 2,3,4,6-Tetrachlorophenol  | 14.92 | 232  | 260424   | 20.750 | ng/ul# | 99       |
| 57) Diethylphthalate           | 15.13 | 149  | 993988   | 20.252 | ng/ul  | 99       |
| 59) Fluorene                   | 15.34 | 166  | 980657   | 20.312 | ng/ul  | 100      |
| 60) 4-Chlorophenyl-phenylether | 15.34 | 204  | 497378   | 20.134 | ng/ul  | 99       |
| 61) 4-Nitroaniline             | 15.37 | 138  | 209953   | 18.853 | ng/ul  | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 15.43 | 198  | 172607   | 16.800 | ng/ul  | 97       |
| 65) N-Nitrosodiphenylamine     | 15.56 | 169  | 865877   | 19.955 | ng/ul  | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.23 | 248  | 325144   | 20.052 | ng/ul  | 98       |
| 67) Hexachlorobenzene          | 16.34 | 284  | 356869   | 19.508 | ng/ul  | 99       |
| 68) Atrazine                   | 16.52 | 200  | 312905   | 19.602 | ng/ul  | 98       |
| 69) Pentachlorophenol          | 16.69 | 266  | 210065   | 18.387 | ng/ul  | 99       |
| 70) Phenanthrene               | 17.08 | 178  | 1658209  | 19.998 | ng/ul  | 100      |
| 72) Anthracene                 | 17.17 | 178  | 1688664  | 20.051 | ng/ul  | 100      |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.07 | 216  | 385686   | 18.944 | ng/uL  | 98       |
| 74) Pentachlorobenzene         | 14.60 | 250  | 406577   | 19.412 | ng/uL  | 99       |
| 75) Carbazole                  | 17.45 | 167  | 1497388  | 20.334 | ng/ul  | 99       |
| 76) Di-n-butylphthalate        | 18.02 | 149  | 1705783  | 19.824 | ng/ul  | 99       |
| 77) Fluoranthene               | 19.10 | 202  | 2001987  | 21.063 | ng/ul  | 99       |
| 80) Pvrene                     | 19.47 | 202  | 2066192  | 20.552 | ng/ul  | 99       |
| 81) Butylbenzylphthalate       | 20.39 | 149  | 822055   | 20.484 | ng/ul  | 96       |
| 82) 3,3'-Dichlorobenzidine     | 21.16 | 252  | 626812   | 18.512 | ng/ul  | 99       |
| 83) Benzo(a)anthracene         | 21.22 | 228  | 2120247  | 20.013 | ng/ul  | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.16 | 149  | 1211675  | 20.660 | ng/ul  | 98       |
| 85) Chrysene                   | 21.27 | 228  | 2020154  | 20.052 | ng/ul  | 99       |
| 87) Di-n-octyl phthalate       | 22.03 | 149  | 2087694  | 24.326 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 22.79 | 252  | 2084780  | 21.616 | ng/ul  | 99       |
| 89) Benzo(k)fluoranthene       | 22.83 | 252  | 1920702  | 20.387 | ng/ul  | 100      |
| 91) Benzo(a)pyrene             | 23.35 | 252  | 1882613  | 19.980 | ng/ul  | 99       |
| 92) Indeno(1,2,3-cd)pyrene     | 25.65 | 276  | 1866414  | 16.280 | ng/ul  | 98       |
| 93) Dibenzo(a,h)anthracene     | 25.66 | 278  | 1552551  | 16.218 | ng/ul  | 100      |
| 94) Benzo(a,h,i)perylene       | 26.33 | 276  | 1543059  | 15.844 | ng/ul  | 99       |
| -----                          |       |      |          |        |        |          |

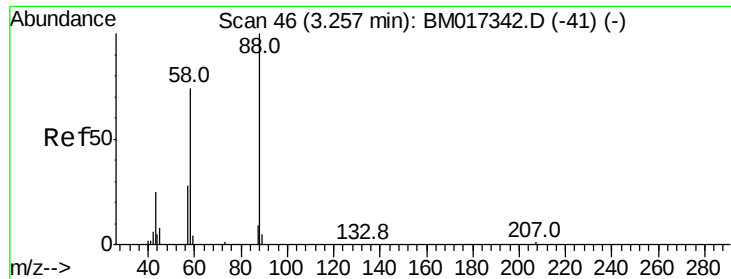
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103118\  
Data File : BM017426.D  
Acq On : 31 Oct 2018 10:21  
Operator : MJ/SJ  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

Quant Time: Oct 31 13:56:07 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102418MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Oct 26 01:13:26 2018  
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: 7.998 ng/uL

RT: 3.25 min Scan# 45

Delta R.T. -0.01 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

Instrument :

BNA\_M

ClientSampleId :

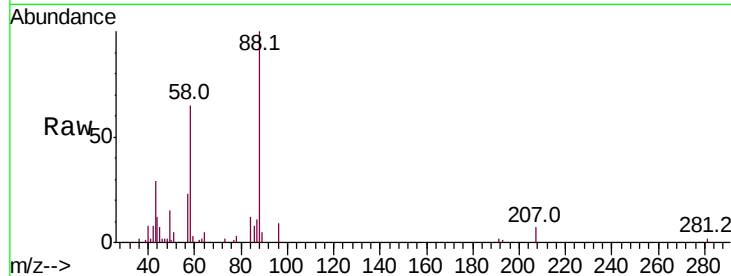
Tot Ion: 88 Resp: 34059

Ion Ratio Lower Upper

88 100

43 28.8 25.9 38.9

58 64.9 58.6 87.8

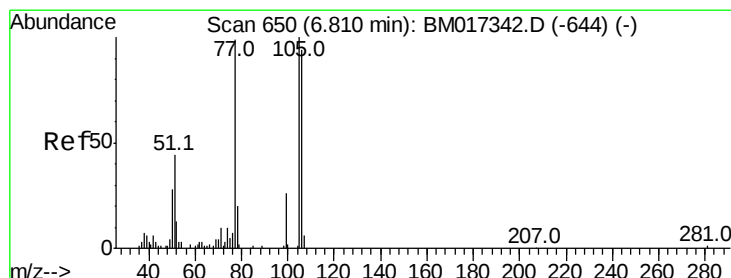
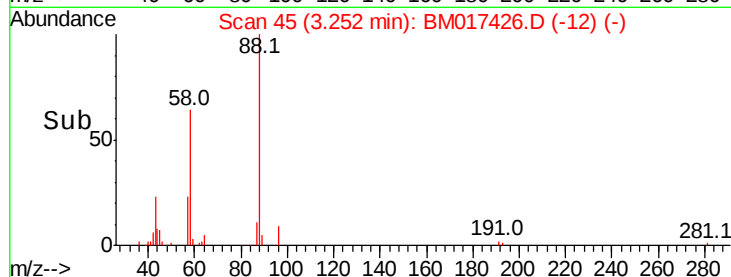
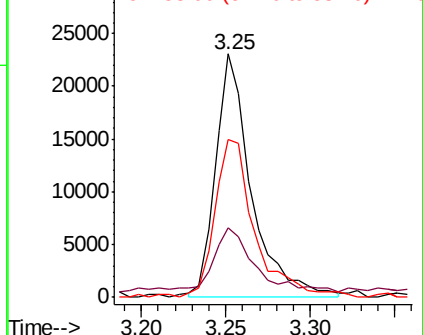


Abundance

Ion 88.00 (87.70 to 88.70): BM017342.D (-41) (-)

Ion 43.00 (42.70 to 43.70): BM017342.D (-41) (-)

Ion 58.00 (57.70 to 58.70): BM017342.D (-41) (-)



#4

Benzaldehyde

Concen: 18.414 ng/uL

RT: 6.80 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

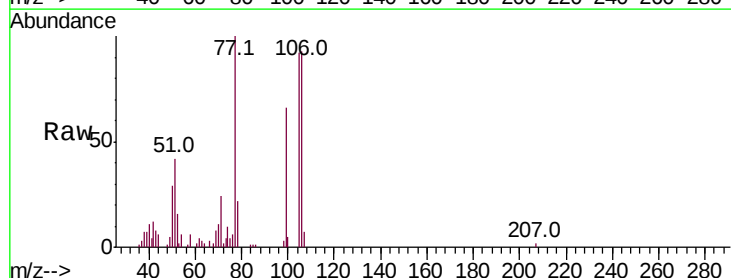
Tgt Ion: 77 Resp: 62332

Ion Ratio Lower Upper

77 100

105 91.7 76.9 115.3

106 92.9 69.1 103.7

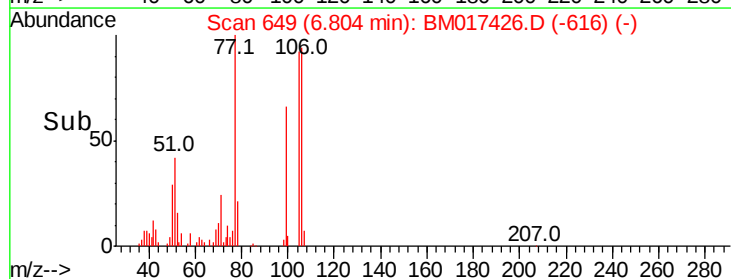
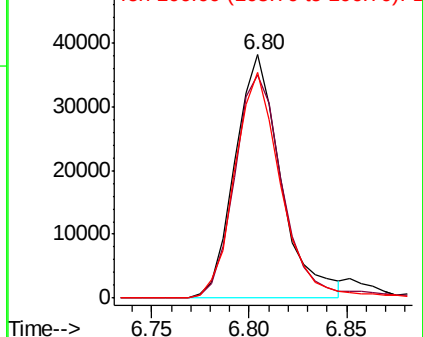


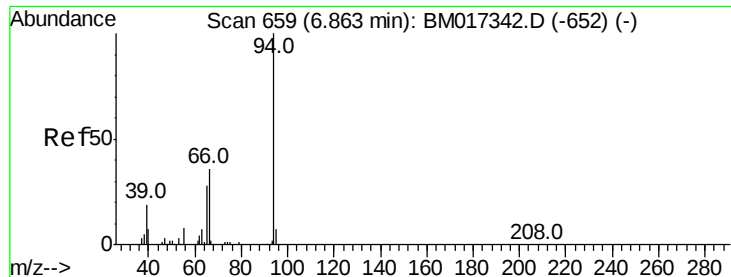
Abundance

Ion 77.00 (76.70 to 77.70): BM017342.D (-644) (-)

Ion 105.00 (104.70 to 105.70): BM017342.D (-644) (-)

Ion 106.00 (105.70 to 106.70): BM017342.D (-644) (-)





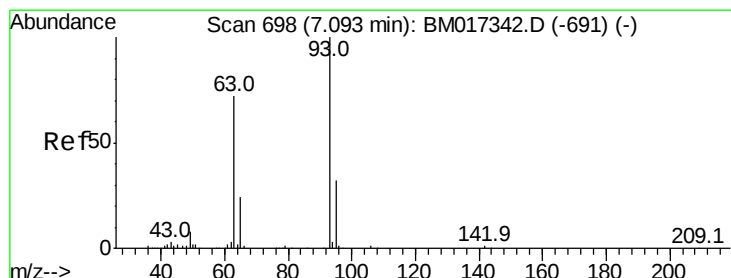
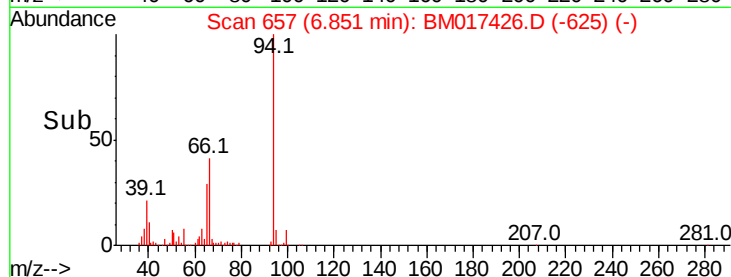
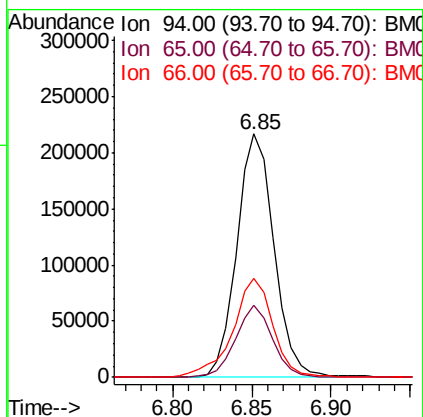
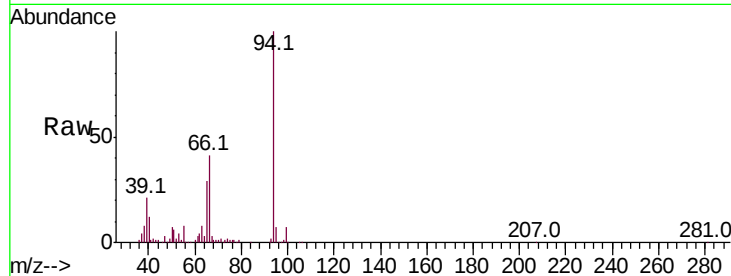
#6

Phenol

Concen: 19.997 ng/ul  
 RT: 6.85 min Scan# 657  
 Delta R.T. -0.01 min  
 Lab File: BM017426.D  
 Acq: 31 Oct 2018 10:21

Instrument :  
 BNA\_M  
 ClientSampled :

Tot Ion: 94 Resp: 352668  
 Ion Ratio Lower Upper  
 94 100  
 65 29.5 24.0 36.0  
 66 40.6 31.1 46.7

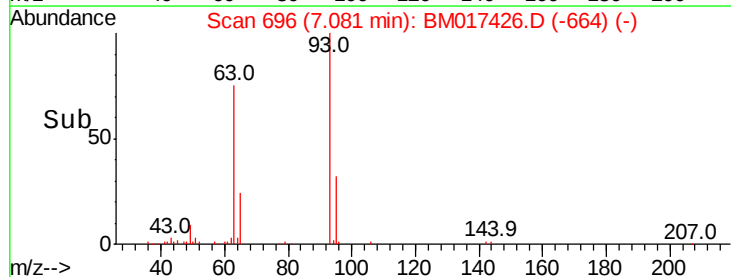
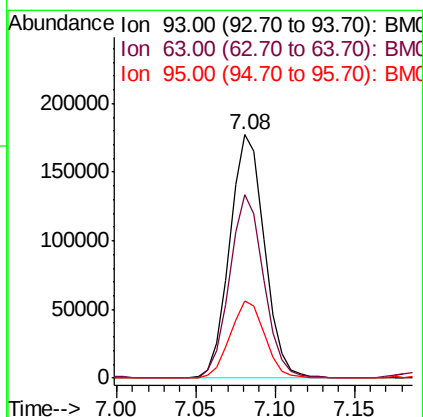
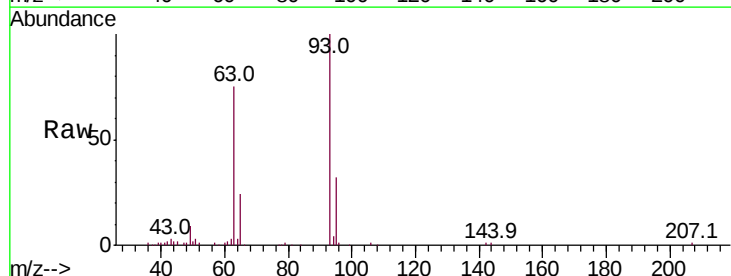


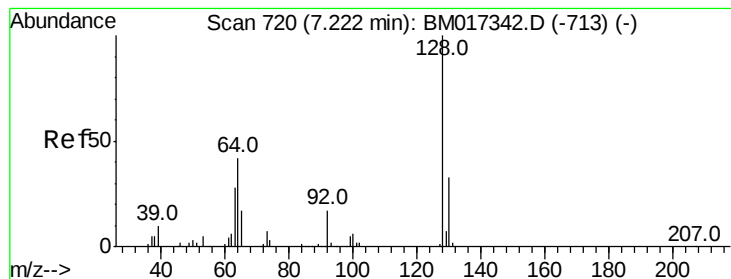
#8

Bis(2-Chloroethyl)ether

Concen: 20.187 ng/ul  
 RT: 7.08 min Scan# 696  
 Delta R.T. -0.01 min  
 Lab File: BM017426.D  
 Acq: 31 Oct 2018 10:21

Tgt Ion: 93 Resp: 269711  
 Ion Ratio Lower Upper  
 93 100  
 63 75.2 60.0 90.0  
 95 31.9 25.0 37.6





#10

2-Chlorophenol

Concen: 20.335 ng/ul

RT: 7.21 min Scan# 718

Delta R.T. -0.01 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

Instrument :

BNA\_M

ClientSampleId :

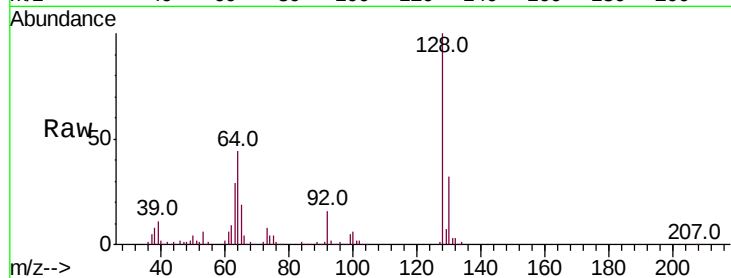
Tot Ion:128 Resp: 281289

Ion Ratio Lower Upper

128 100

64 44.2 36.2 54.2

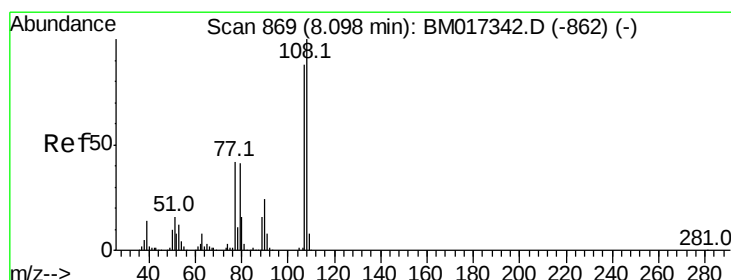
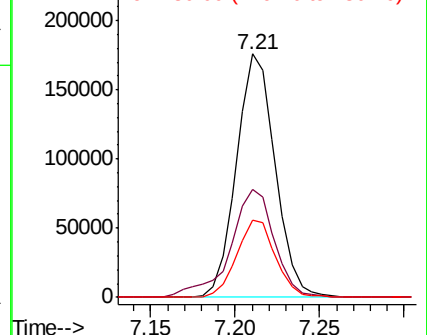
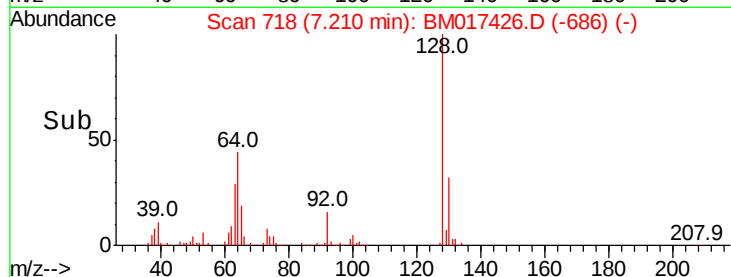
130 31.7 26.0 39.0



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: 20.364 ng/ul

RT: 8.09 min Scan# 867

Delta R.T. -0.01 min

Lab File: BM017426.D

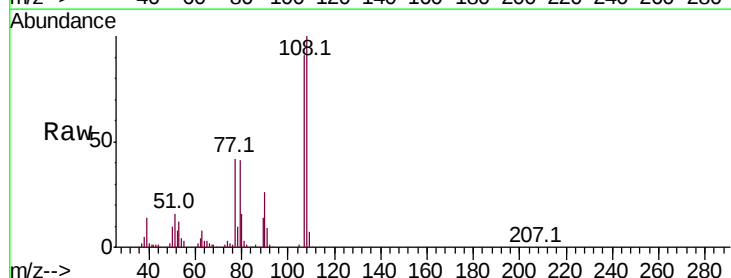
Acq: 31 Oct 2018 10:21

Tgt Ion:108 Resp: 270486

Ion Ratio Lower Upper

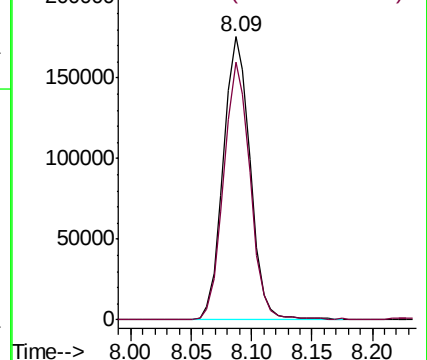
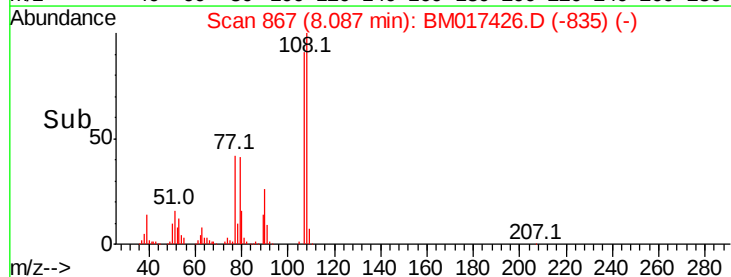
108 100

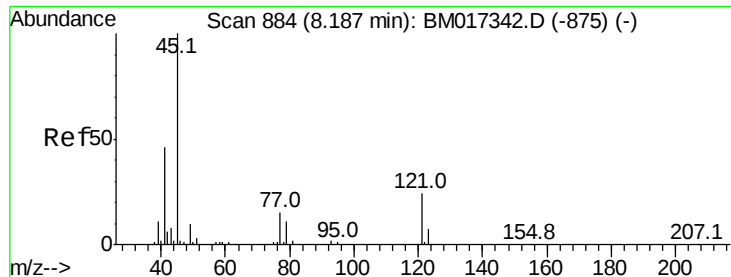
107 91.1 75.2 112.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

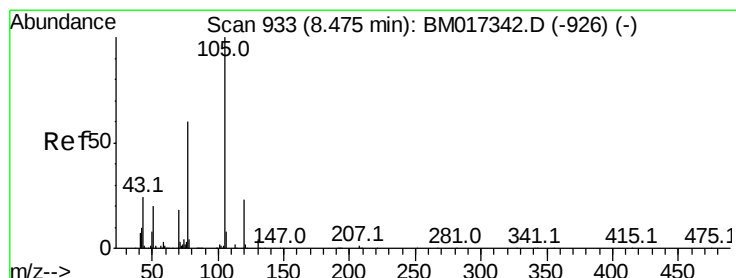
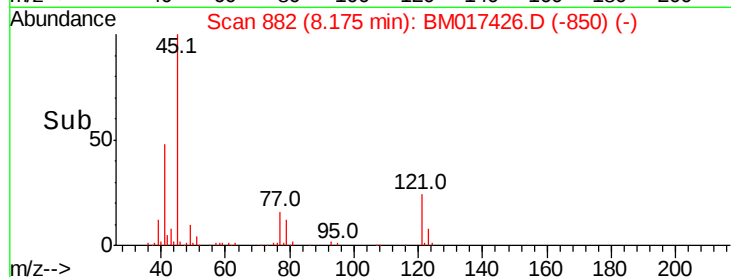
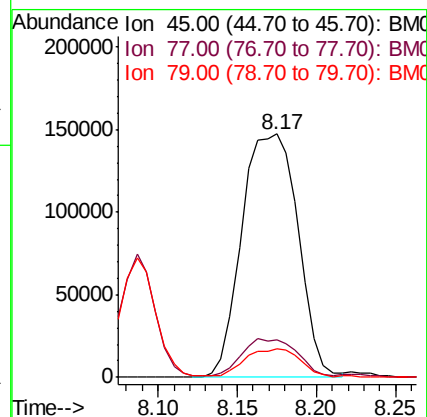
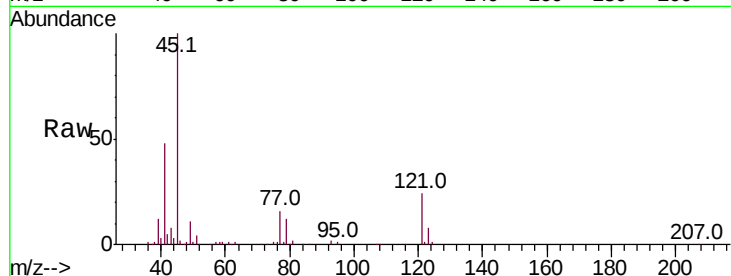




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 20.383 ng/ul  
RT: 8.17 min Scan# 882  
Delta R.T. -0.01 min  
Lab File: BM017426.D  
Acq: 31 Oct 2018 10:21

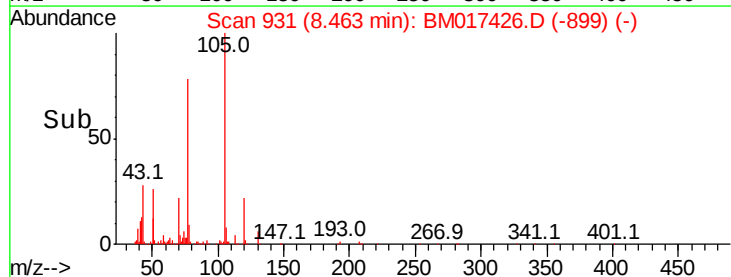
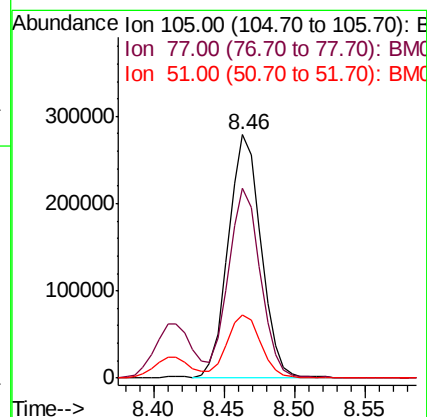
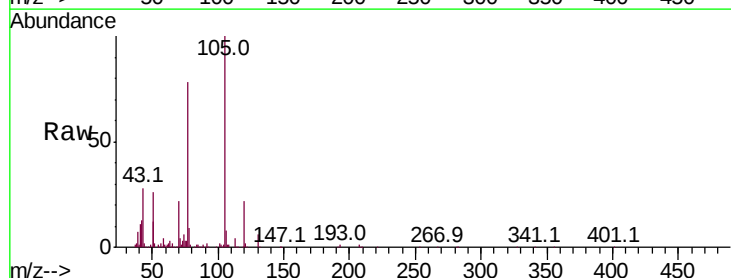
Instrument :  
BNA\_M  
ClientSampleId :

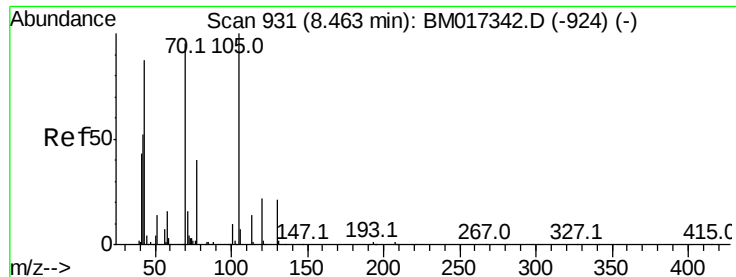
Tot Ion: 45 Resp: 362911  
Ion Ratio Lower Upper  
45 100  
77 15.5 11.7 17.5  
79 11.6 8.6 12.8



#14  
Acetophenone  
Concen: 20.811 ng/ul  
RT: 8.46 min Scan# 931  
Delta R.T. -0.01 min  
Lab File: BM017426.D  
Acq: 31 Oct 2018 10:21

Tgt Ion: 105 Resp: 450335  
Ion Ratio Lower Upper  
105 100  
77 77.9 61.8 92.6  
51 26.0 21.8 32.6





#15

N-Nitroso-di-n-propylamine

Concen: 21.190 ng/ul

RT: 8.45 min Scan# 929

Delta R.T. -0.01 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 70 Resp: 225222

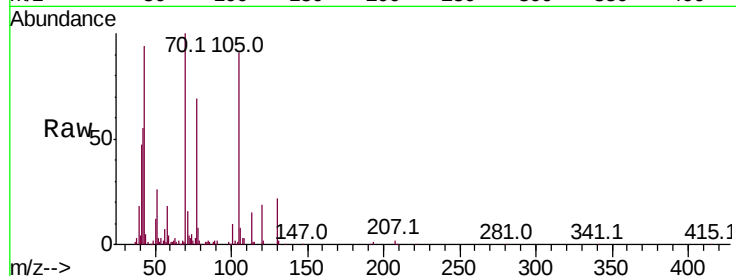
Ion Ratio Lower Upper

70 100

42 55.4 43.7 65.5

101 9.9 8.0 12.0

130 22.1 17.8 26.8

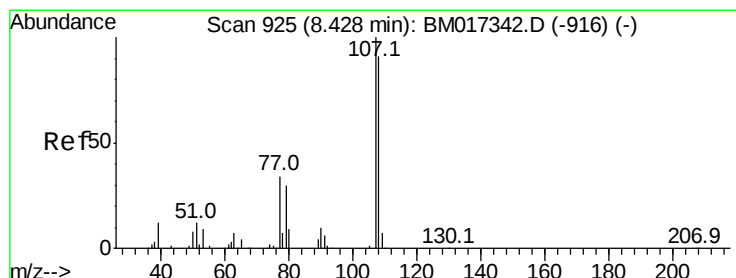
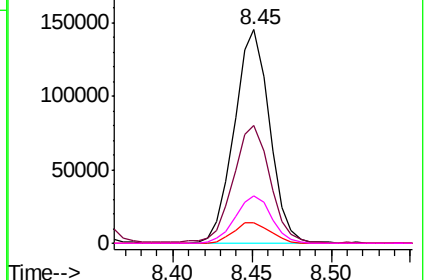
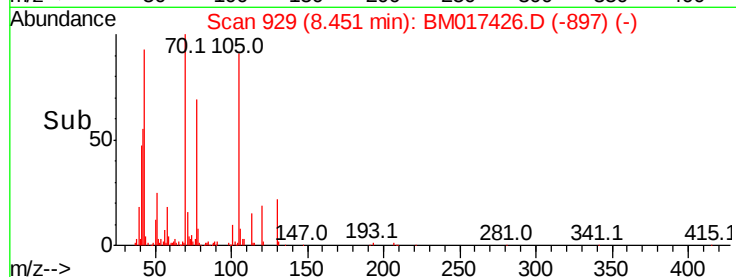


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 20.856 ng/ul

RT: 8.42 min Scan# 923

Delta R.T. -0.01 min

Lab File: BM017426.D

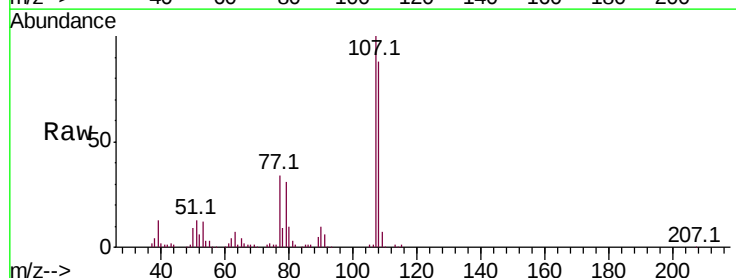
Acq: 31 Oct 2018 10:21

Tgt Ion: 108 Resp: 298350

Ion Ratio Lower Upper

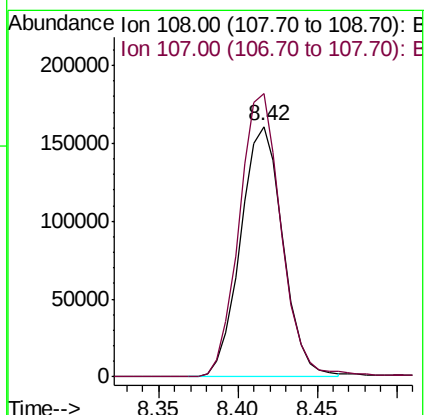
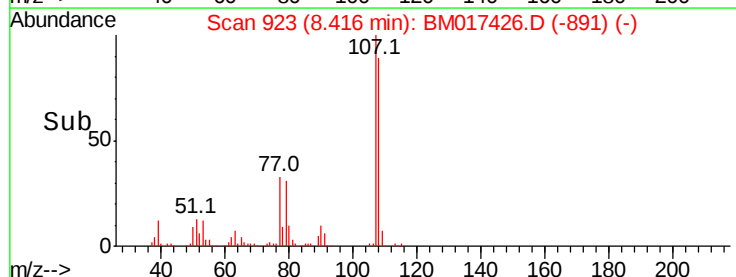
108 100

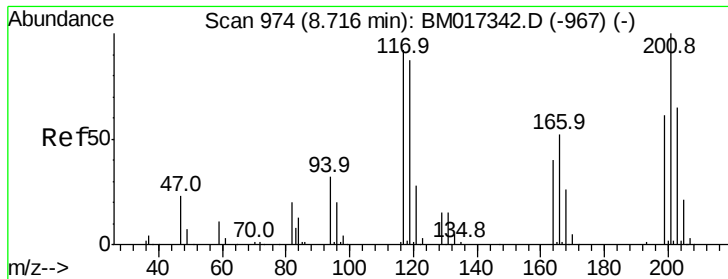
107 113.1 88.6 132.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

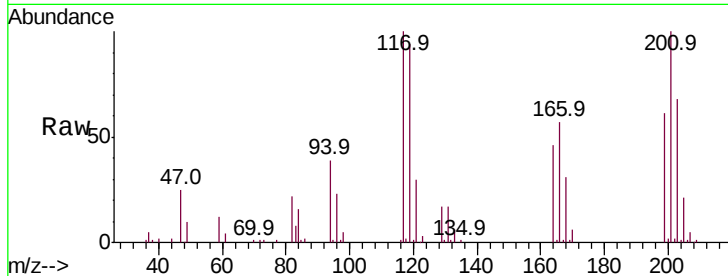




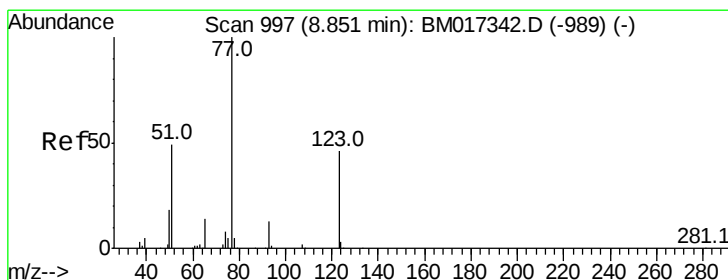
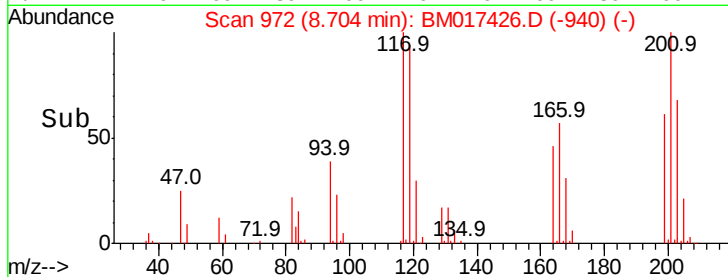
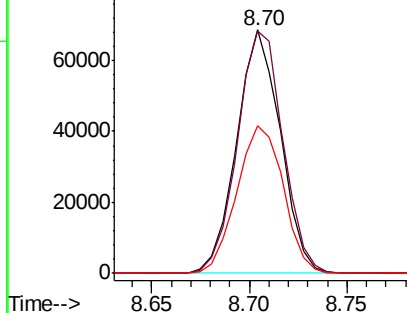
#17  
Hexachloroethane  
Concen: 19.690 ng/ul  
RT: 8.70 min Scan# 972  
Delta R.T. -0.01 min  
Lab File: BM017426.D  
Acq: 31 Oct 2018 10:21

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:117 Resp: 106509  
Ion Ratio Lower Upper  
117 100  
201 99.8 87.0 130.6  
199 60.6 53.0 79.4

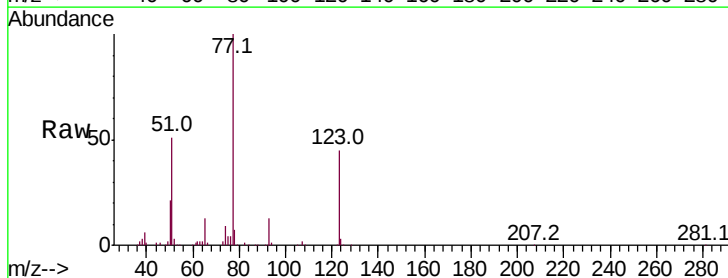


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

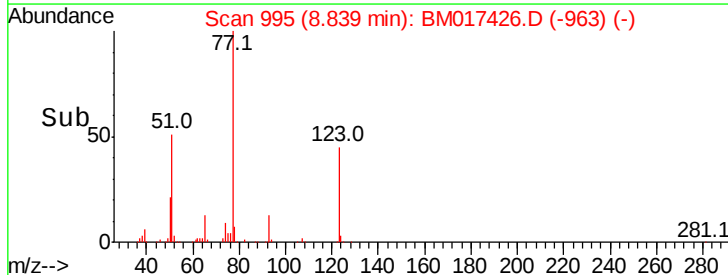
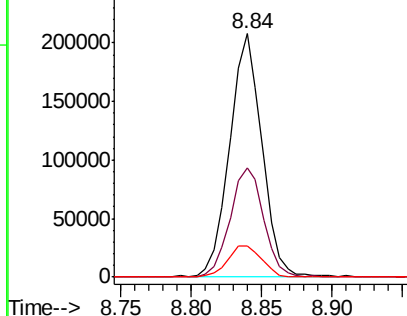


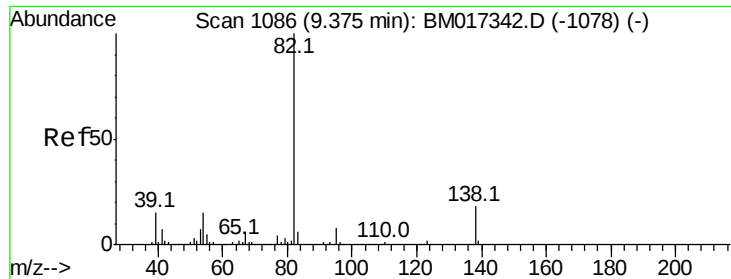
#20  
Nitrobenzene  
Concen: 19.410 ng/ul  
RT: 8.84 min Scan# 995  
Delta R.T. -0.01 min  
Lab File: BM017426.D  
Acq: 31 Oct 2018 10:21

Tgt Ion: 77 Resp: 330937  
Ion Ratio Lower Upper  
77 100  
123 45.1 37.0 55.6  
65 12.9 10.7 16.1



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: 20.076 ng/ul

RT: 9.36 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

Instrument :

BNA\_M

ClientSampleId :

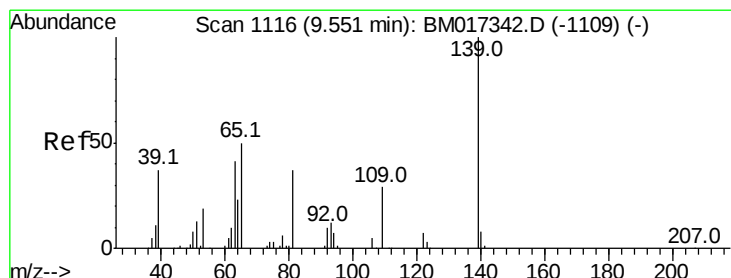
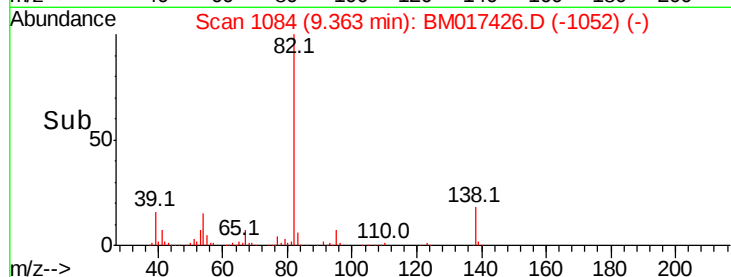
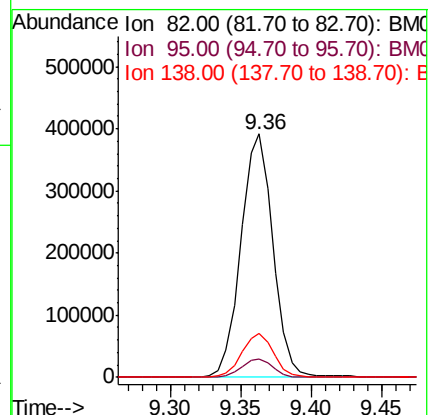
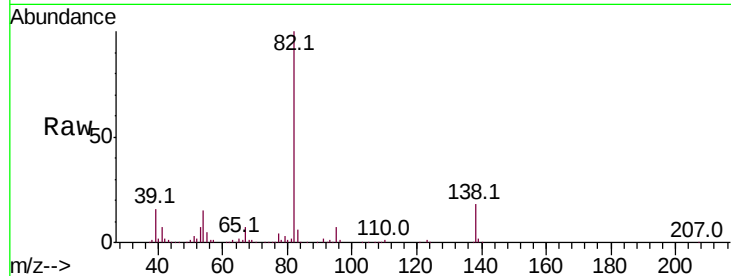
Tot Ion: 82 Resp: 621362

Ion Ratio Lower Upper

82 100

95 7.4 6.3 9.5

138 18.2 14.5 21.7



#23

2-Nitrophenol

Concen: 20.319 ng/ul

RT: 9.55 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

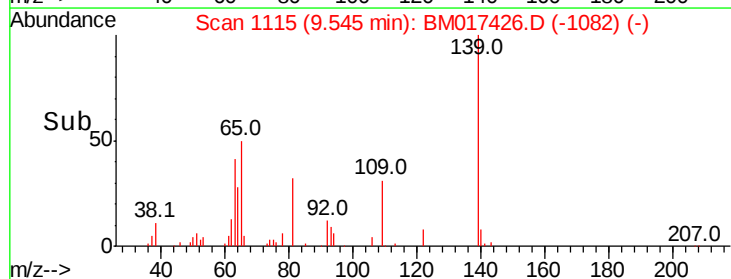
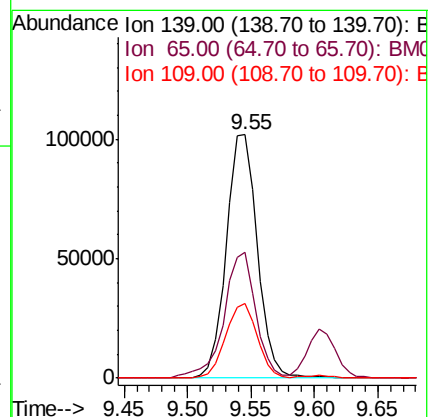
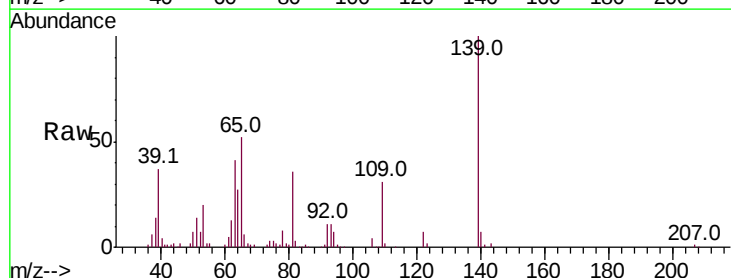
Tgt Ion: 139 Resp: 173185

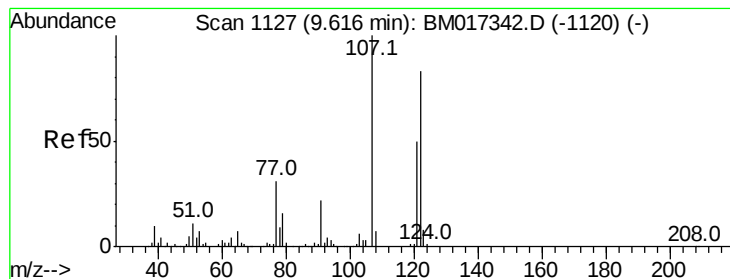
Ion Ratio Lower Upper

139 100

65 51.6 38.6 57.8

109 30.5 25.0 37.6





#24

2,4-Dimethylphenol

Concen: 20.455 ng/ul

RT: 9.60 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

Instrument :

BNA\_M

ClientSampled :

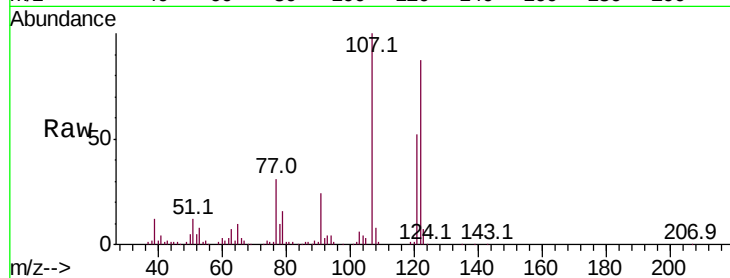
Tot Ion:107 Resp: 346614

Ion Ratio Lower Upper

107 100

121 51.6 40.2 60.4

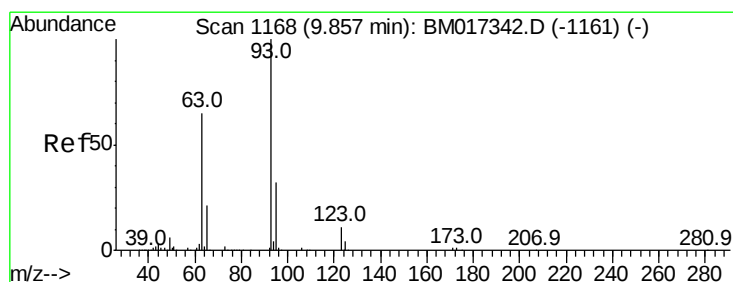
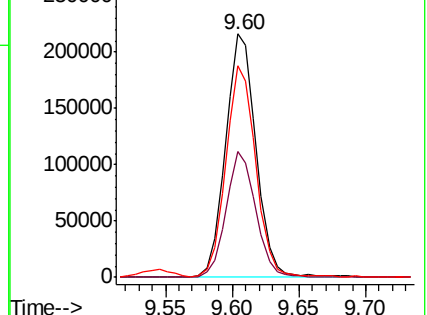
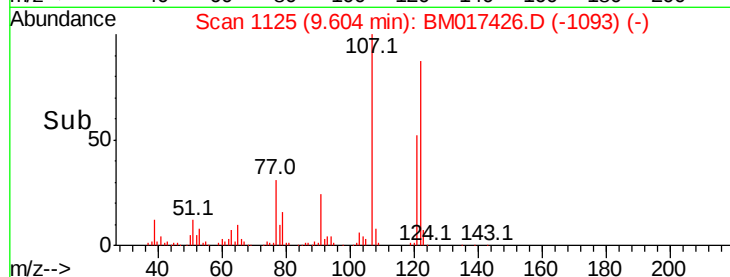
122 87.2 70.2 105.4



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: 20.158 ng/ul

RT: 9.85 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

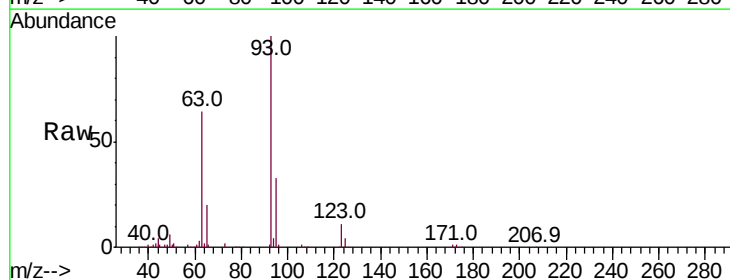
Tgt Ion: 93 Resp: 395874

Ion Ratio Lower Upper

93 100

95 32.9 26.1 39.1

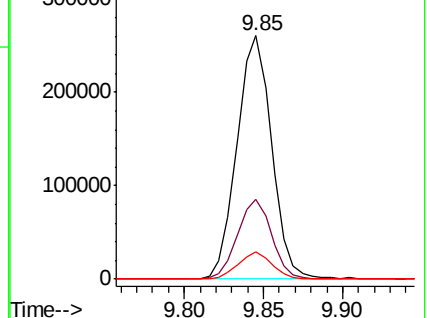
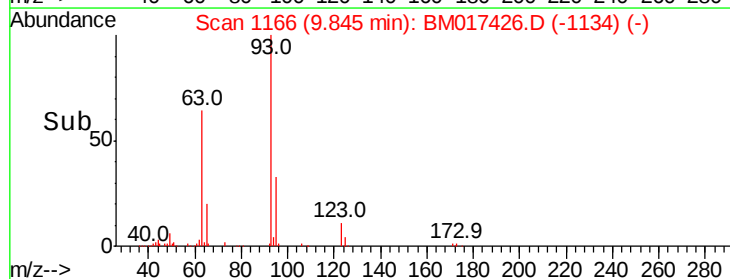
123 11.1 9.1 13.7

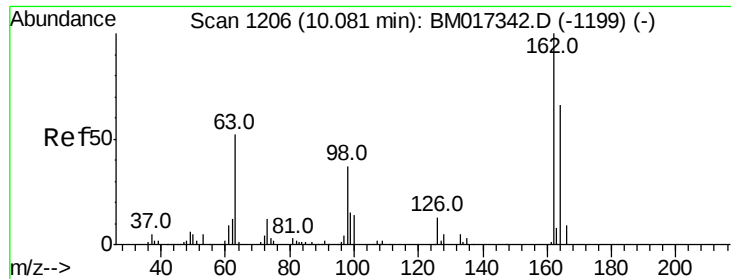


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 20.876 ng/ul

RT: 10.07 min Scan# 1204

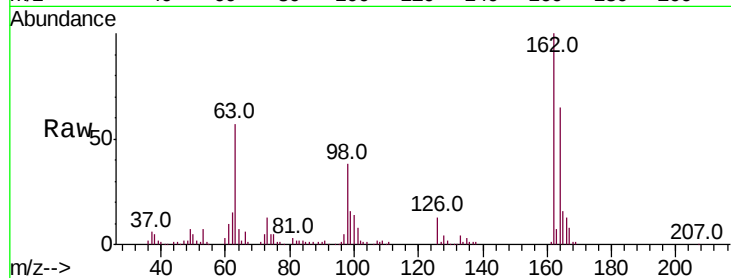
Delta R.T. -0.01 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.1  | 51.4  | 77.0  |
| 98      | 37.6  | 29.4  | 44.0  |

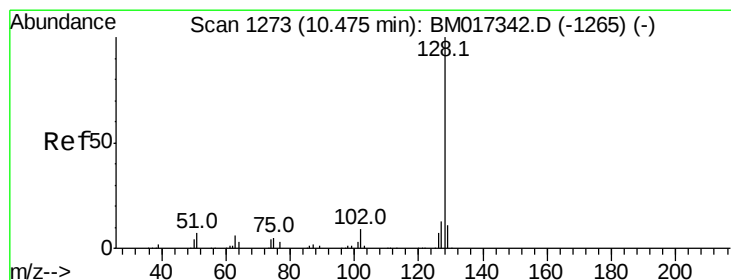
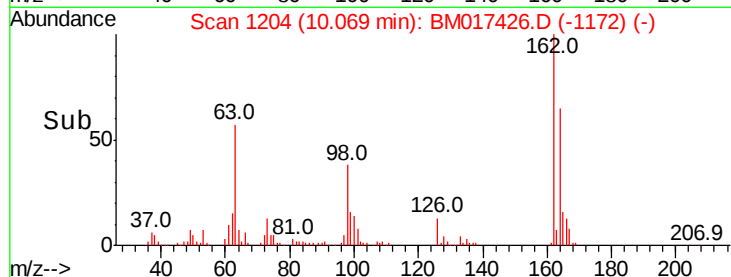
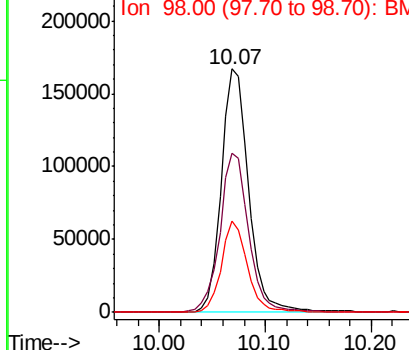


Abundance

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): BM



#28

Naphthalene

Concen: 19.871 ng/ul

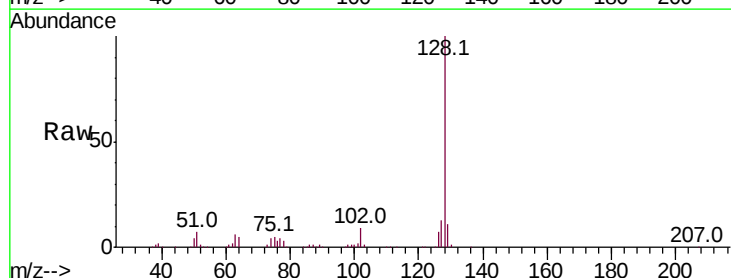
RT: 10.47 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.9  | 8.6   | 12.8  |
| 127     | 12.6  | 10.3  | 15.5  |

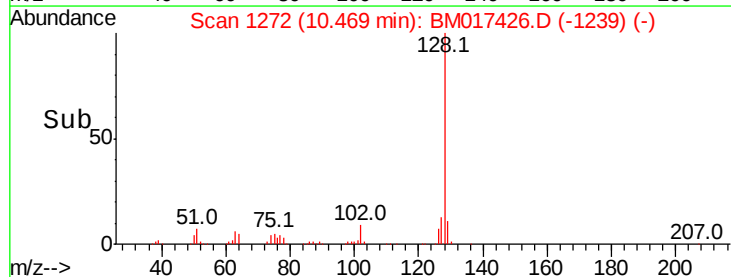
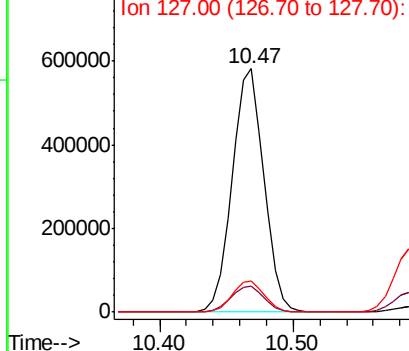


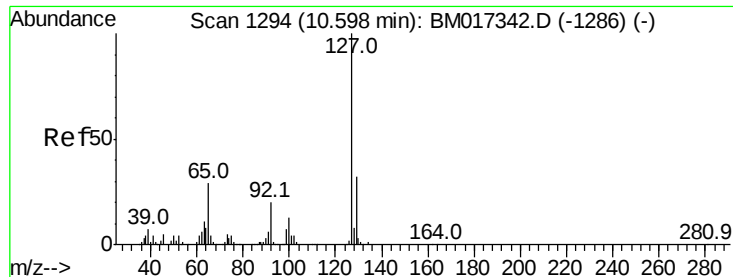
Abundance

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

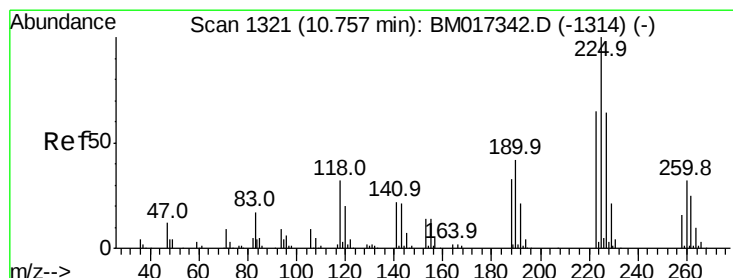
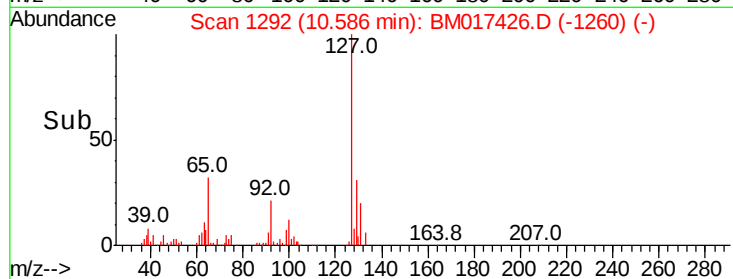
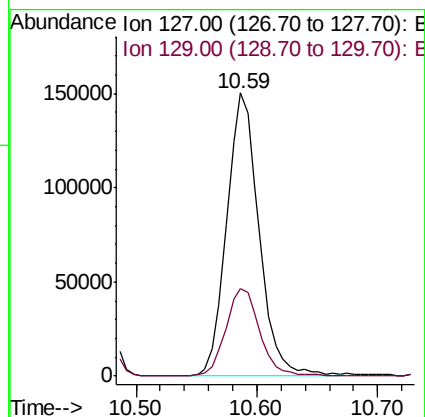
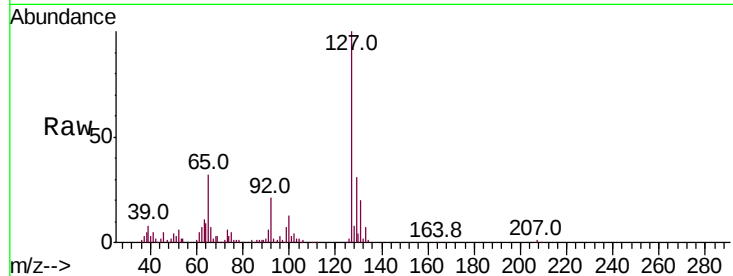




#30  
4-Chloroaniline  
Concen: 22.302 ng/ul  
RT: 10.59 min Scan# 1292  
Delta R.T. -0.01 min  
Lab File: BM017426.D  
Acq: 31 Oct 2018 10:21

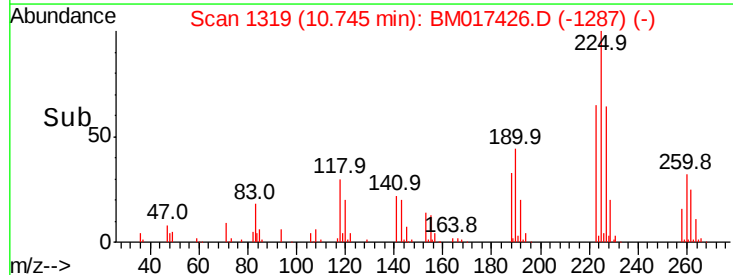
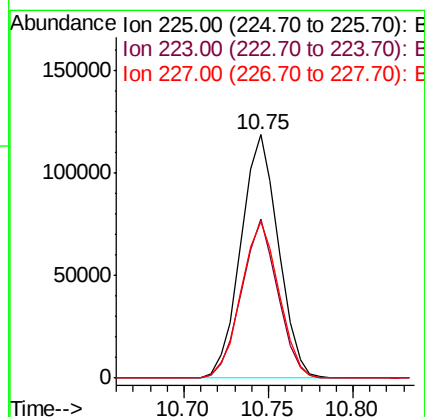
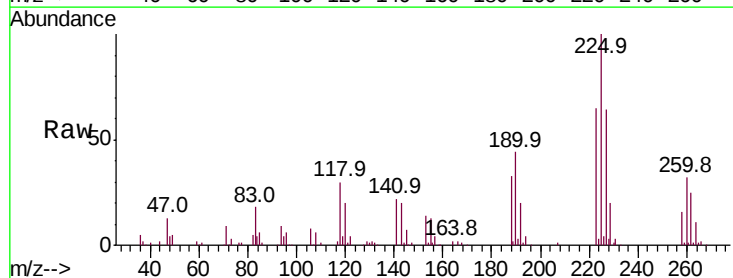
Instrument :  
BNA\_M  
ClientSampleId :

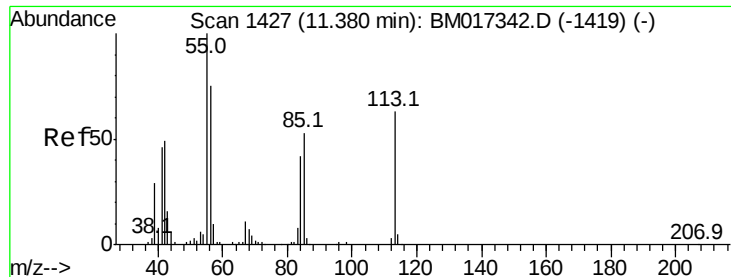
Tot Ion:127 Resp: 279681  
Ion Ratio Lower Upper  
127 100  
129 30.9 26.2 39.4



#31  
Hexachlorobutadiene  
Concen: 19.303 ng/ul  
RT: 10.75 min Scan# 1319  
Delta R.T. -0.01 min  
Lab File: BM017426.D  
Acq: 31 Oct 2018 10:21

Tgt Ion:225 Resp: 183797  
Ion Ratio Lower Upper  
225 100  
223 65.1 50.6 76.0  
227 64.3 52.6 79.0





#32

Caprolactam

Concen: 20.041 ng/ul

RT: 11.36 min Scan# 1424

Delta R.T. -0.02 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

Instrument :

BNA\_M

ClientSampleId :

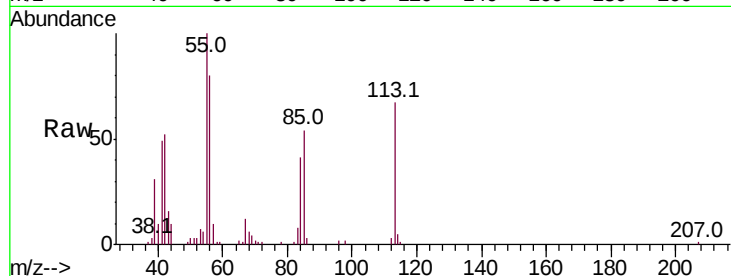
Tot Ion:113 Resp: 97873

Ion Ratio Lower Upper

113 100

55 149.4 125.5 188.3

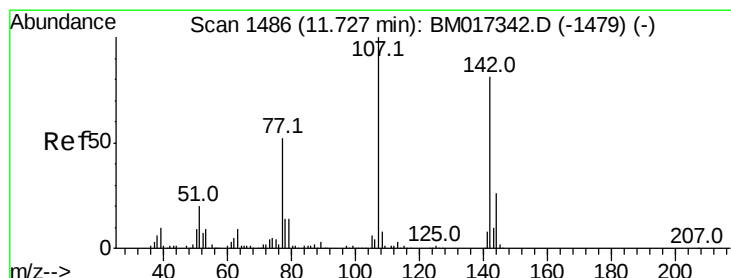
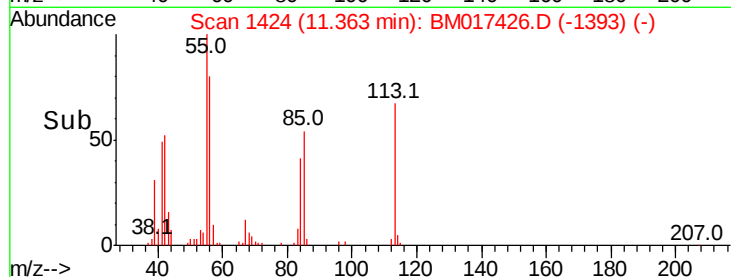
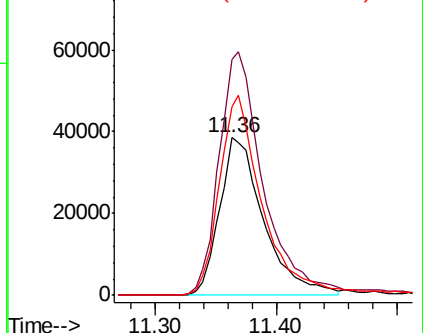
56 119.5 100.4 150.6



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: 21.574 ng/ul

RT: 11.72 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

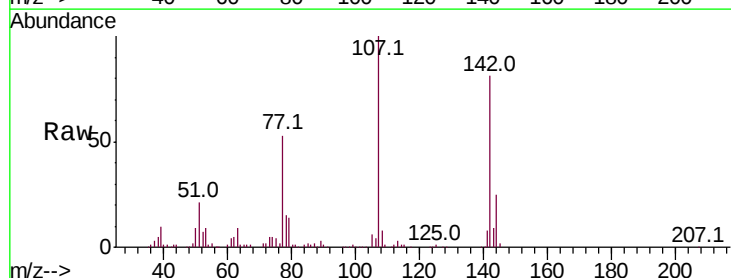
Tgt Ion:107 Resp: 341552

Ion Ratio Lower Upper

107 100

144 25.2 21.8 32.6

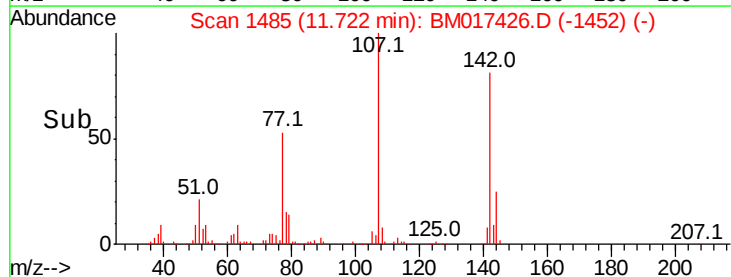
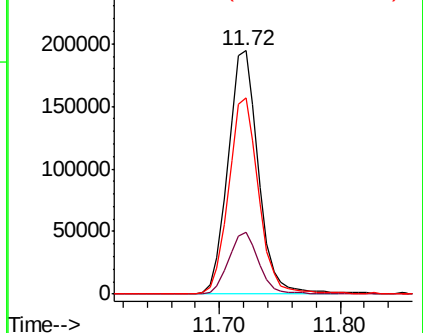
142 80.8 65.0 97.4

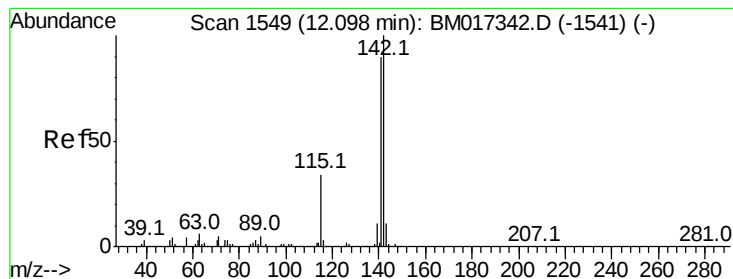


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 20.772 ng/ul

RT: 12.09 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

Instrument :

BNA\_M

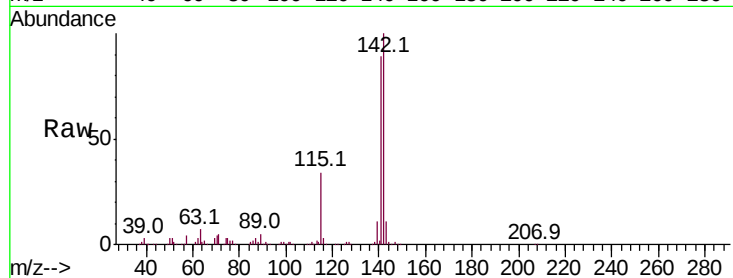
ClientSampled :

Tot Ion:142 Resp: 737050

Ion Ratio Lower Upper

142 100

141 88.8 70.4 105.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.09

500000

400000

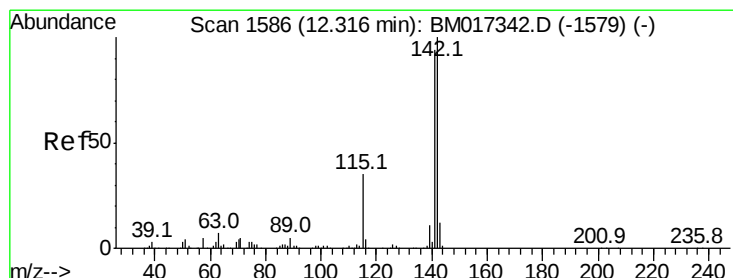
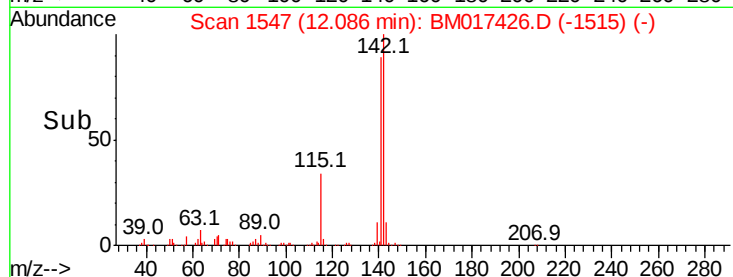
300000

200000

100000

0

Time--> 12.00 12.05 12.10 12.15



#35

1-Methylnaphthalene

Concen: 20.727 ng/ul

RT: 12.31 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

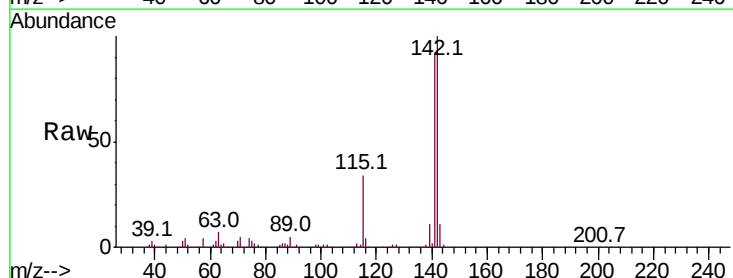
Tgt Ion:142 Resp: 705155

Ion Ratio Lower Upper

142 100

141 91.7 73.9 110.9

116 3.7 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

12.31

600000

500000

400000

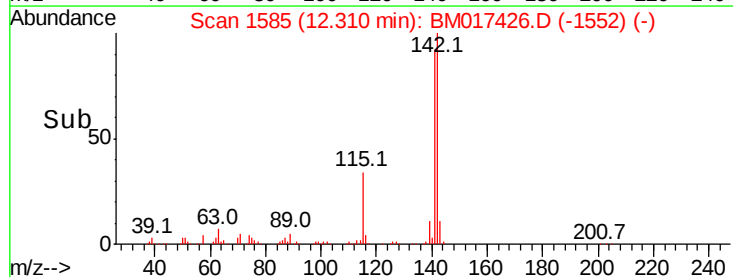
300000

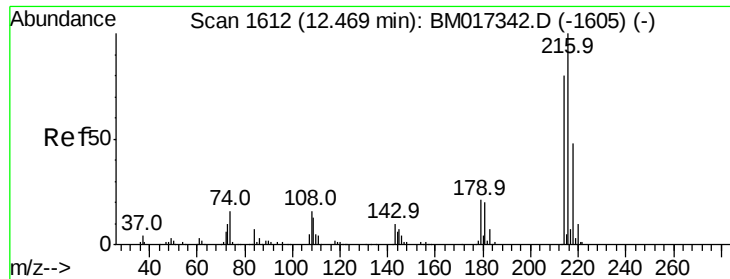
200000

100000

0

Time--> 12.20 12.30 12.40

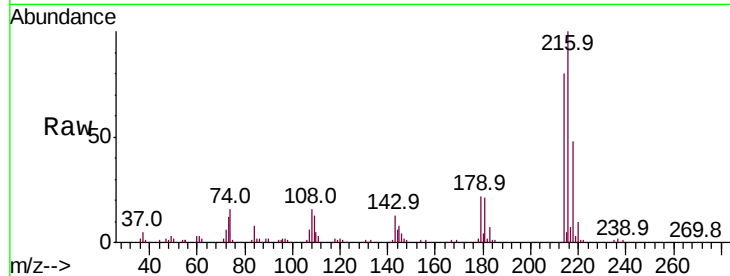




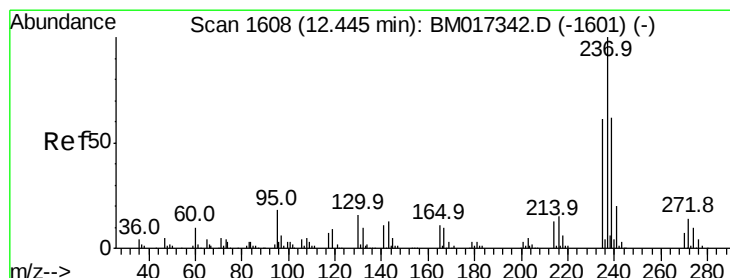
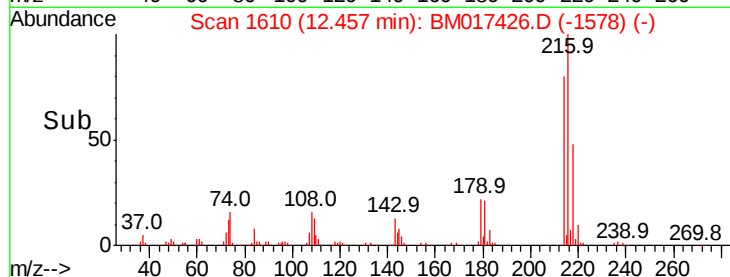
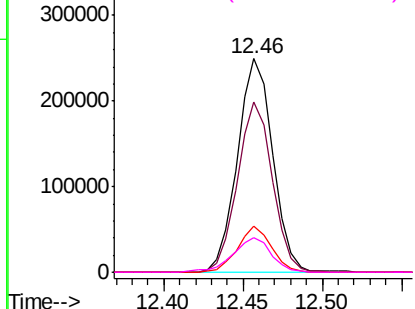
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 19.400 ng/ul  
 RT: 12.46 min Scan# 1610  
 Delta R.T. -0.01 min  
 Lab File: BM017426.D  
 Acq: 31 Oct 2018 10:21

Instrument :  
 BNA\_M  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 385254 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 79.6  | 61.7  | 92.5   |
| 179      | 21.5  | 16.0  | 24.0   |
| 108      | 15.9  | 12.6  | 18.8   |

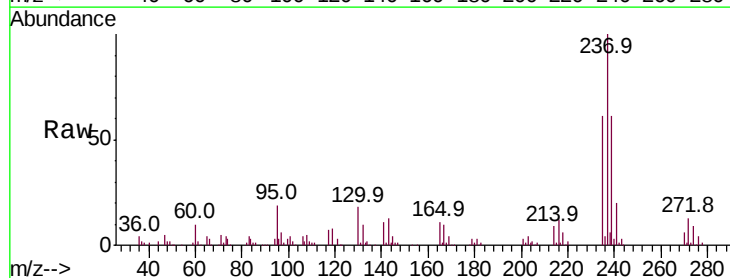


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

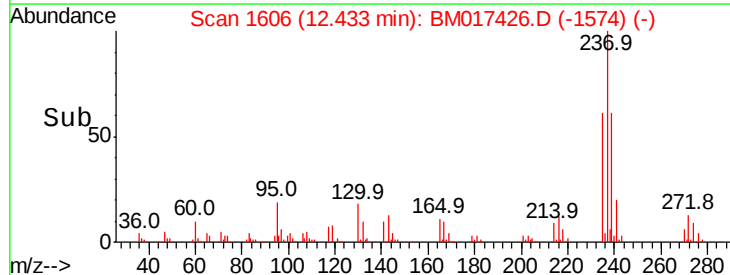
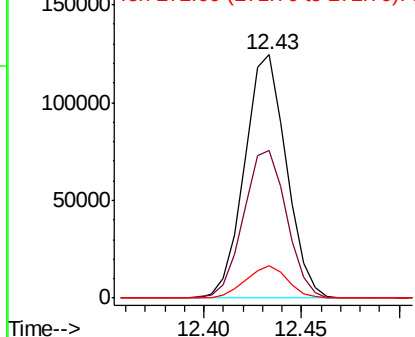


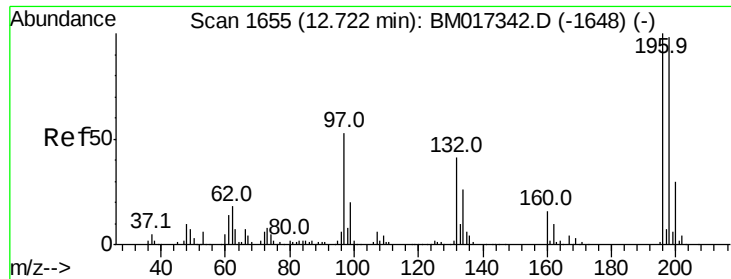
#38  
 Hexachlorocyclopentadiene  
 Concen: 14.597 ng/ul  
 RT: 12.43 min Scan# 1606  
 Delta R.T. -0.01 min  
 Lab File: BM017426.D  
 Acq: 31 Oct 2018 10:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 184854 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 60.6  | 50.2  | 75.4   |
| 272      | 13.3  | 10.5  | 15.7   |



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

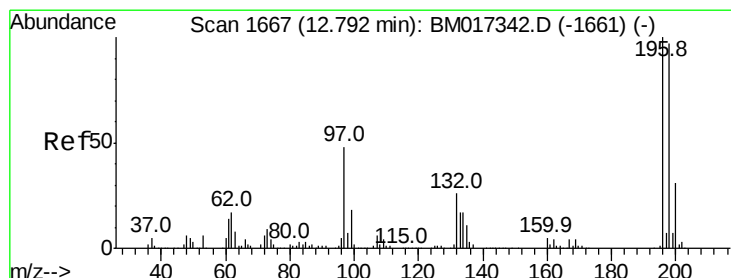
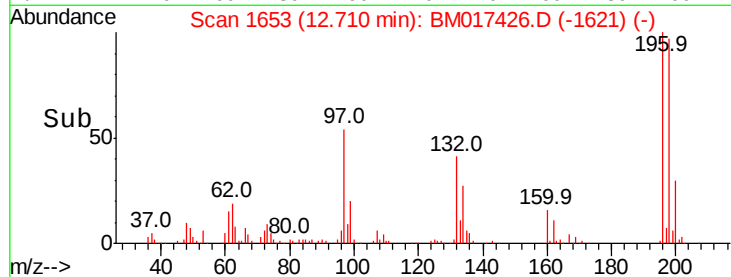
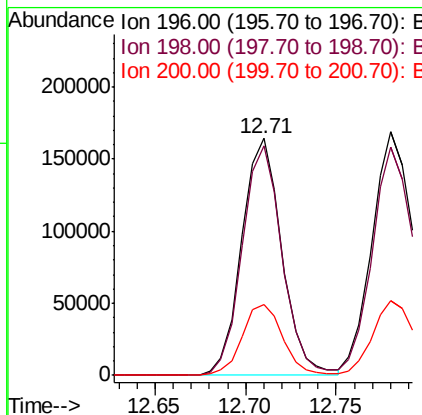
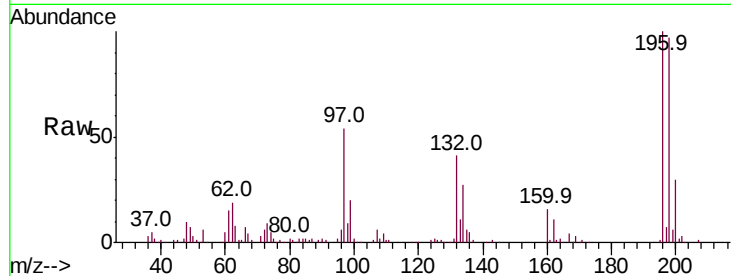




#39  
 2,4,6-Trichlorophenol  
 Concen: 20.126 ng/ul  
 RT: 12.71 min Scan# 1653  
 Delta R.T. -0.01 min  
 Lab File: BM017426.D  
 Acq: 31 Oct 2018 10:21

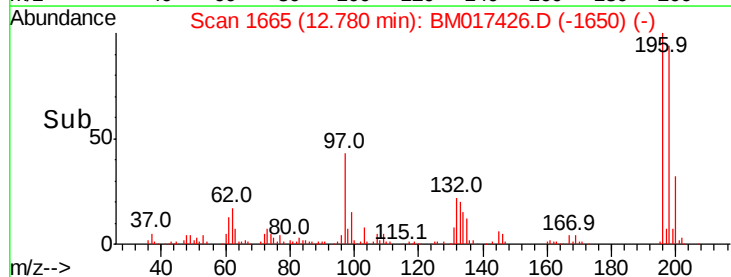
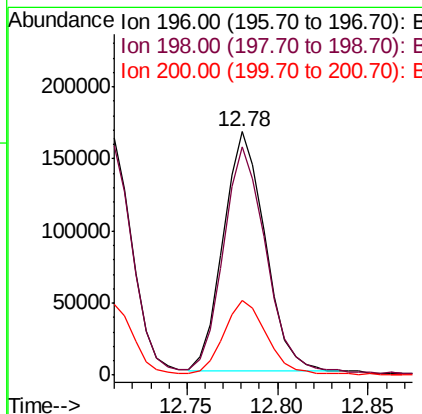
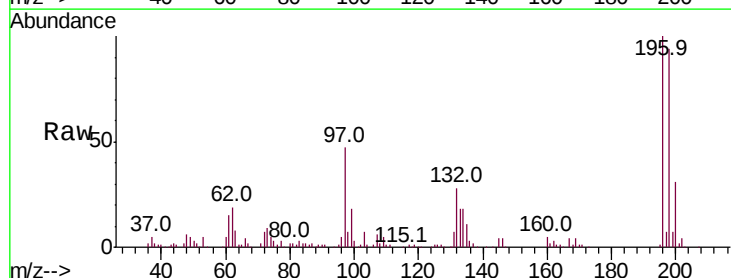
Instrument :  
 BNA\_M  
 ClientSampleId :

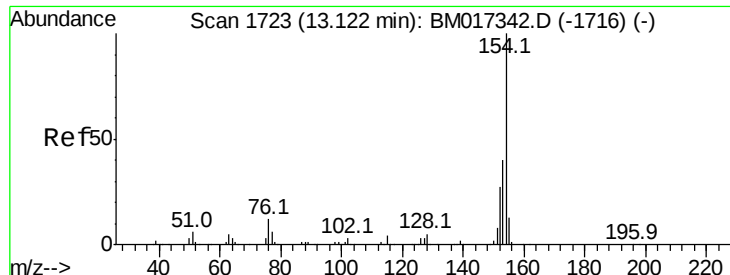
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.9  | 77.0  | 115.4 |
| 200     | 29.8  | 25.2  | 37.8  |



#40  
 2,4,5-Trichlorophenol  
 Concen: 19.579 ng/ul  
 RT: 12.78 min Scan# 1665  
 Delta R.T. -0.01 min  
 Lab File: BM017426.D  
 Acq: 31 Oct 2018 10:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.9  | 76.2  | 114.4 |
| 200     | 30.6  | 25.4  | 38.2  |

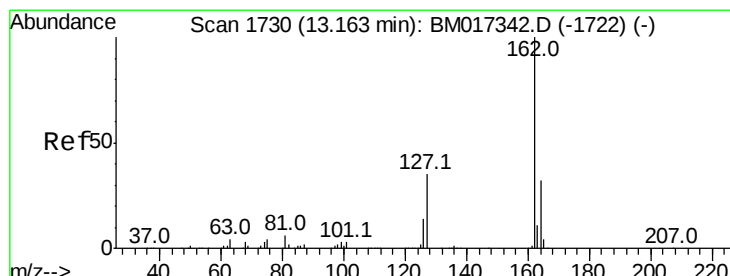
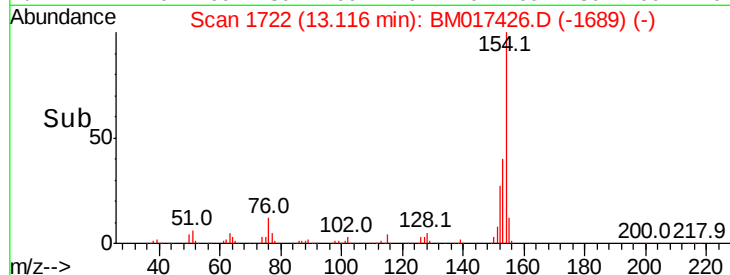
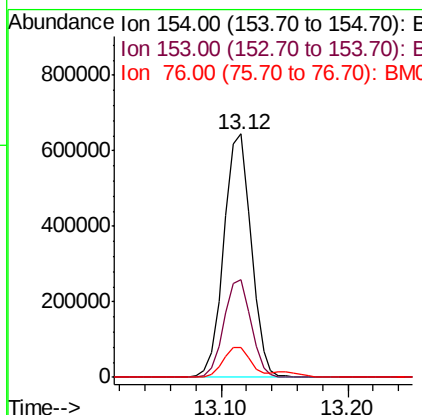
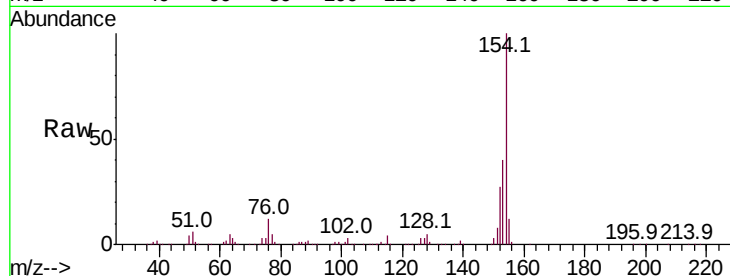




#41  
 1,1'-Biphenyl  
 Concen: 19.628 ng/ul  
 RT: 13.12 min Scan# 1722  
 Delta R.T. -0.01 min  
 Lab File: BM017426.D  
 Acq: 31 Oct 2018 10:21

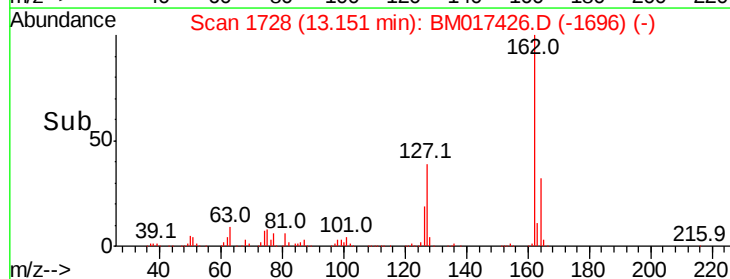
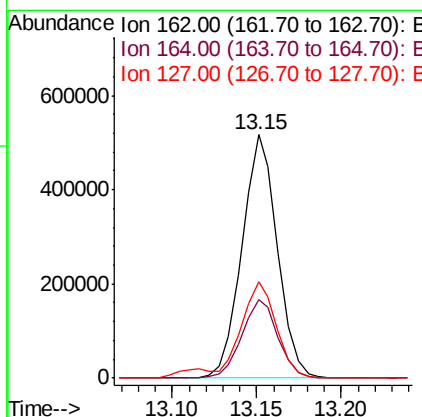
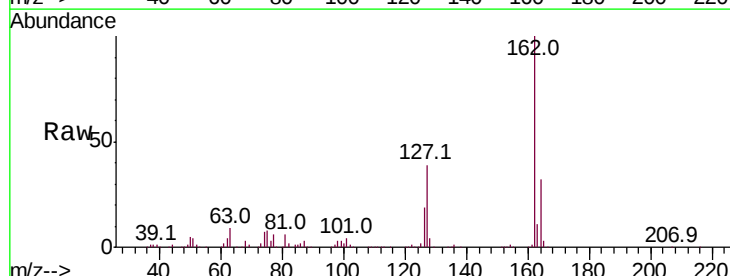
Instrument :  
 BNA\_M  
 ClientSampleId :

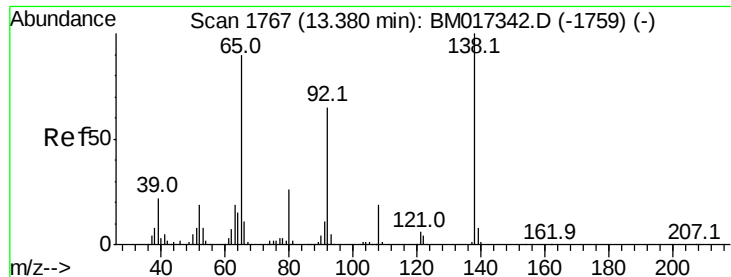
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.1  | 31.5  | 47.3  |
| 76      | 12.1  | 9.8   | 14.6  |



#42  
 2-Chloronaphthalene  
 Concen: 19.664 ng/ul  
 RT: 13.15 min Scan# 1728  
 Delta R.T. -0.01 min  
 Lab File: BM017426.D  
 Acq: 31 Oct 2018 10:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 32.1  | 26.2  | 39.4  |
| 127     | 39.4  | 32.2  | 48.2  |





#43

2-Nitroaniline

Concen: 19.975 ng/ul

RT: 13.37 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

Instrument :

BNA\_M

ClientSampleId :

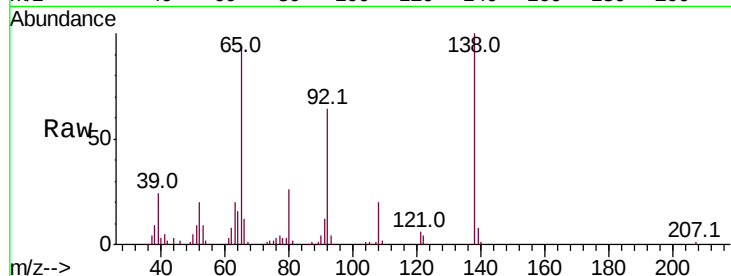
Tot Ion: 65 Resp: 215093

Ion Ratio Lower Upper

65 100

92 68.6 59.0 88.6

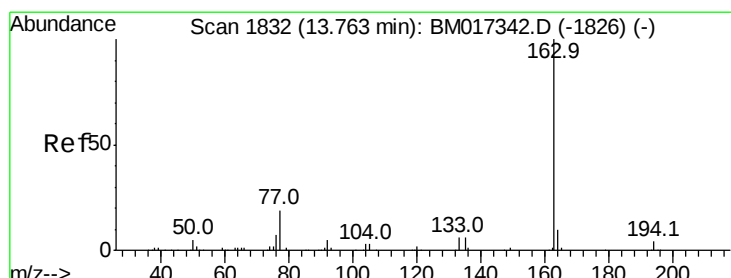
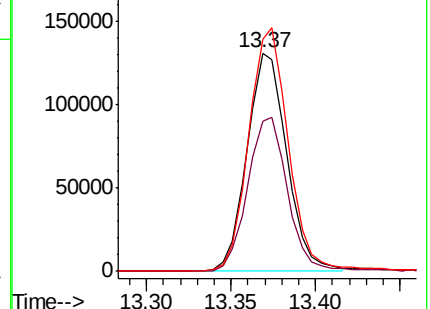
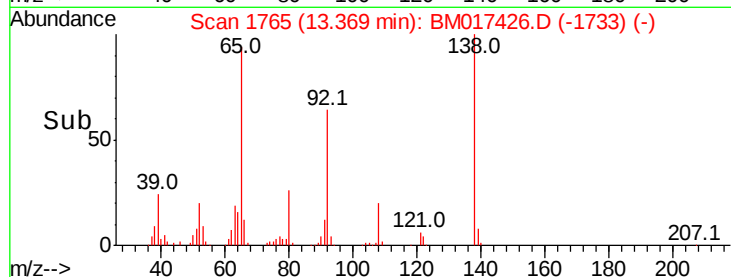
138 106.5 88.5 132.7



Abundance Ion 65.00 (64.70 to 65.70): BM017342.D (-1759) (-)

Ion 92.00 (91.70 to 92.70): BM017342.D (-1759) (-)

Ion 138.00 (137.70 to 138.70): BM017342.D (-1759) (-)



#45

Dimethylphthalate

Concen: 19.710 ng/ul

RT: 13.75 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

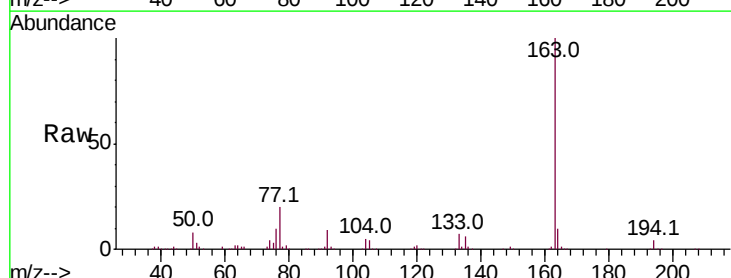
Tgt Ion:163 Resp: 967628

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

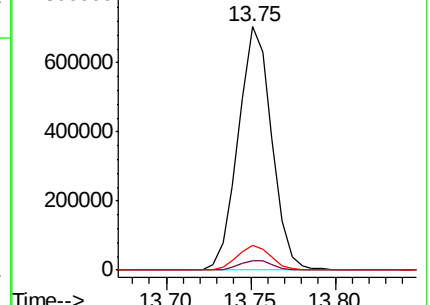
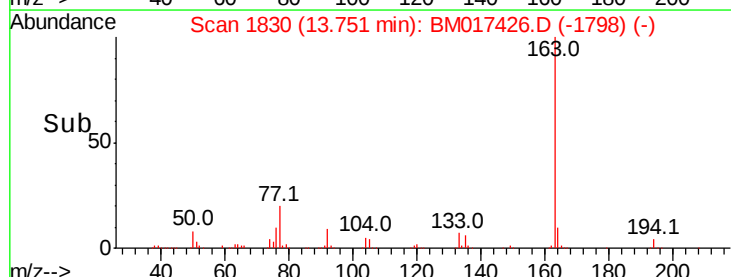
164 10.1 8.1 12.1

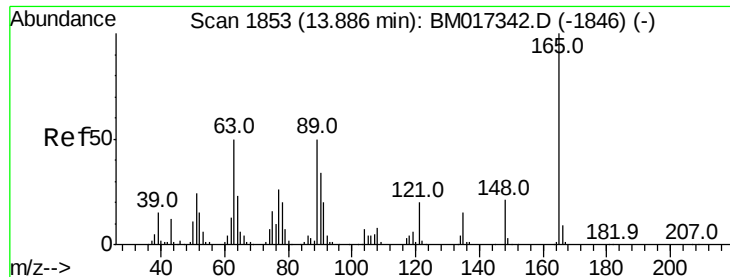


Abundance Ion 163.00 (162.70 to 163.70): BM017342.D (-1826) (-)

Ion 194.00 (193.70 to 194.70): BM017342.D (-1826) (-)

Ion 164.00 (163.70 to 164.70): BM017342.D (-1826) (-)

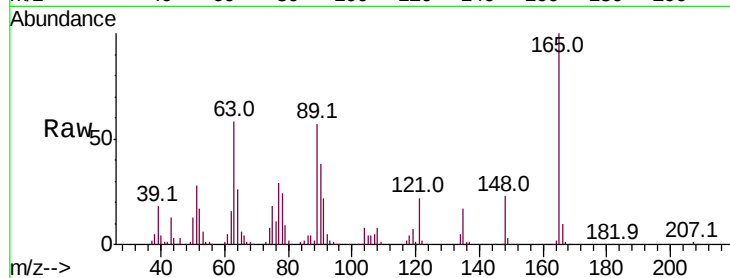




#46  
2,6-Dinitrotoluene  
Concen: 20.283 ng/ul  
RT: 13.87 min Scan# 1851  
Delta R.T. -0.01 min  
Lab File: BM017426.D  
Acq: 31 Oct 2018 10:21

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 57.3  | 44.0  | 66.0  |
| 121     | 21.9  | 17.8  | 26.8  |

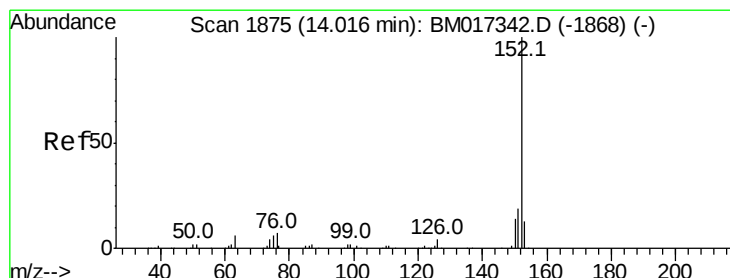
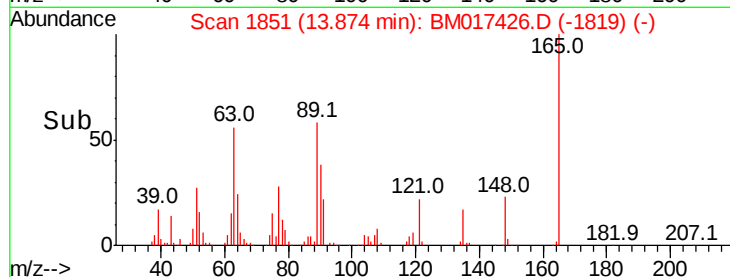
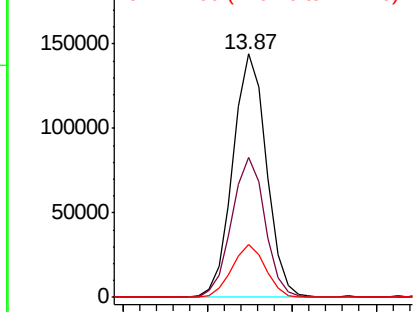


Abundance

Ion 165.00 (164.70 to 165.70): E

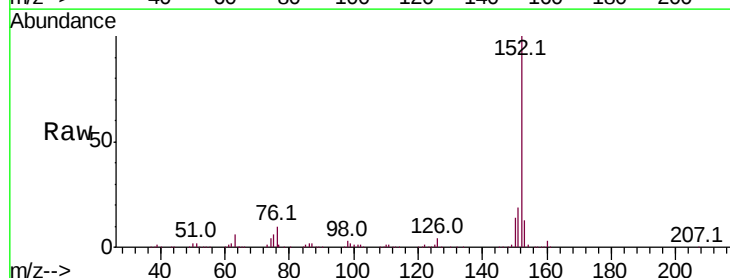
Ion 89.00 (88.70 to 89.70): BM

Ion 121.00 (120.70 to 121.70): E



#48  
Acenaphthylene  
Concen: 20.116 ng/ul  
RT: 14.00 min Scan# 1873  
Delta R.T. -0.01 min  
Lab File: BM017426.D  
Acq: 31 Oct 2018 10:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.3  | 15.3  | 22.9  |
| 153     | 13.5  | 10.2  | 15.4  |

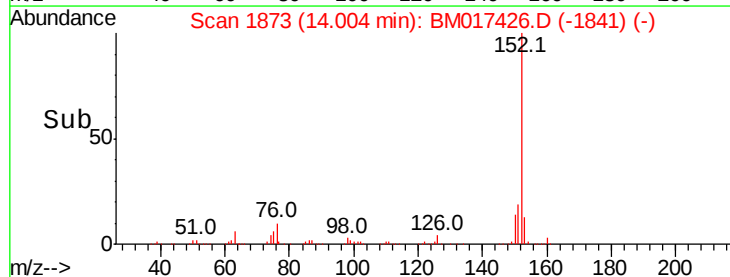
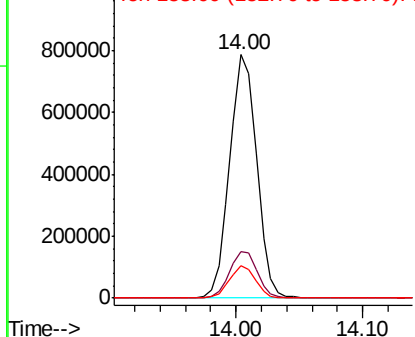


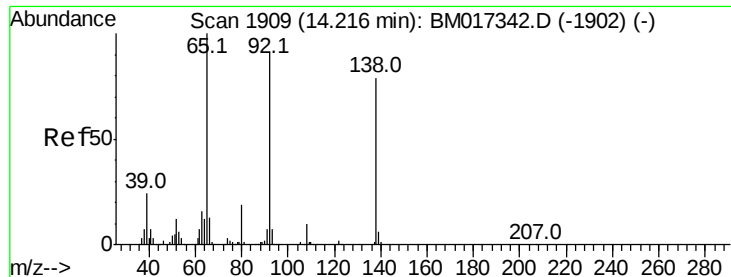
Abundance

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





#49

3-Nitroaniline

Concen: 19.503 ng/ul

RT: 14.21 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

Instrument :

BNA\_M

ClientSampleId :

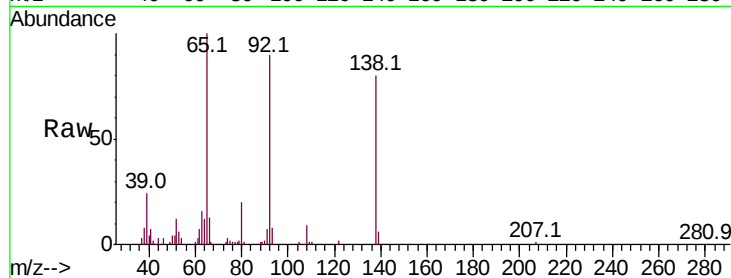
Tot Ion:138 Resp: 181130

Ion Ratio Lower Upper

138 100

108 11.0 9.0 13.4

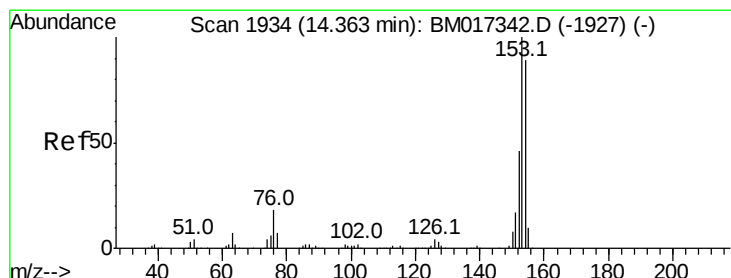
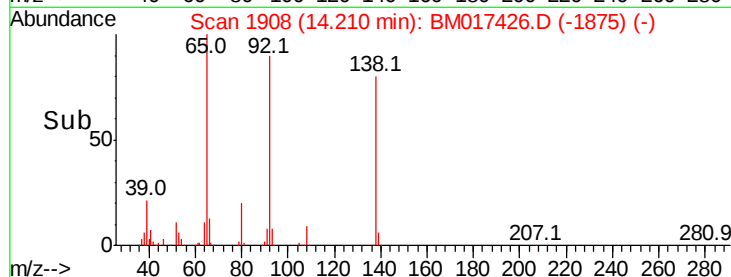
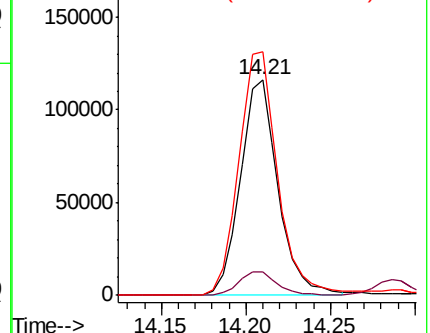
92 112.7 97.1 145.7



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: 19.792 ng/ul

RT: 14.35 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

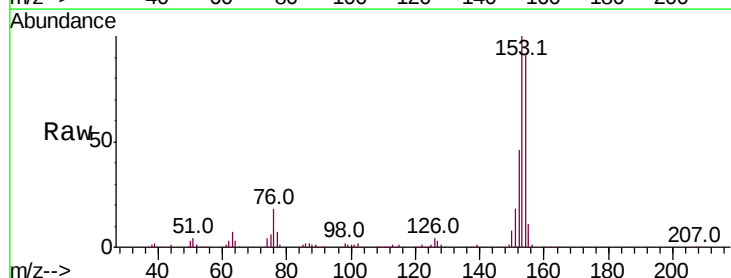
Tgt Ion:153 Resp: 818276

Ion Ratio Lower Upper

153 100

152 46.1 36.9 55.3

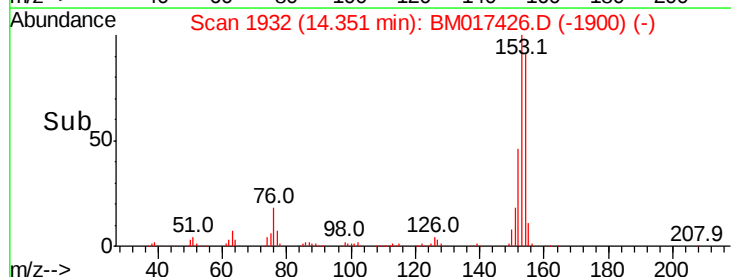
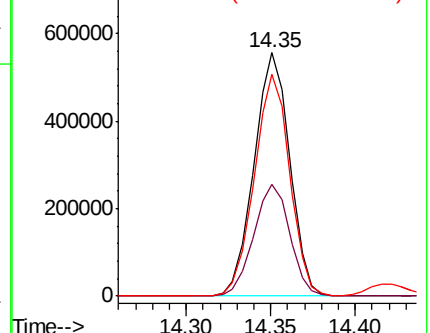
154 91.0 72.2 108.4

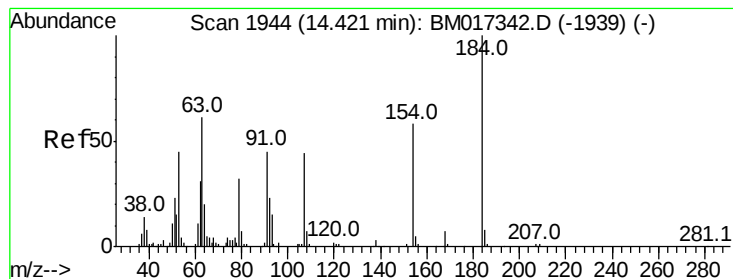


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#51

2,4-Dinitrophenol

Concen: 12.010 ng/ul

RT: 14.42 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

Instrument :

BNA\_M

ClientSampleId :

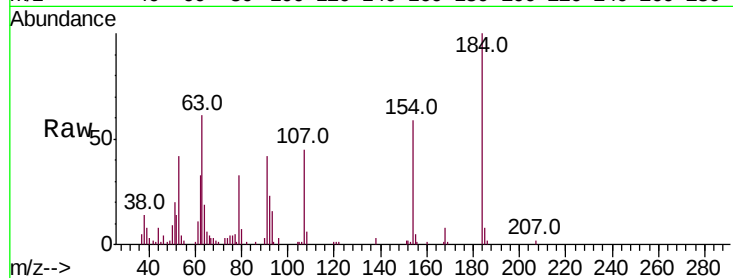
Tot Ion:184 Resp: 78618

Ion Ratio Lower Upper

184 100

63 61.4 46.9 70.3

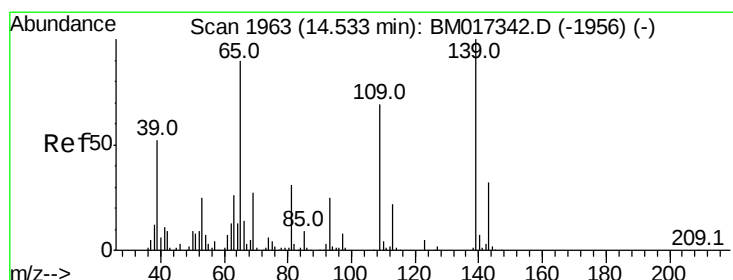
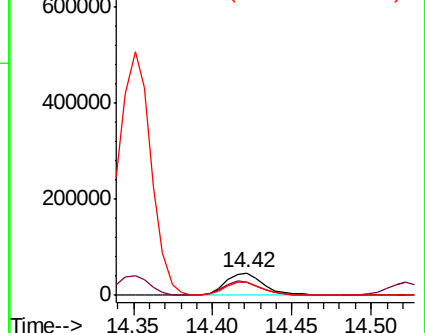
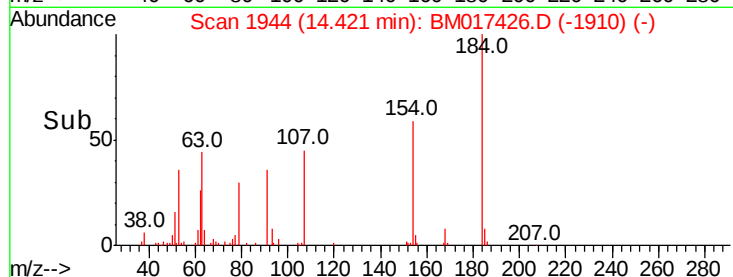
154 58.6 46.1 69.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E



#53

4-Nitrophenol

Concen: 17.918 ng/ul

RT: 14.52 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

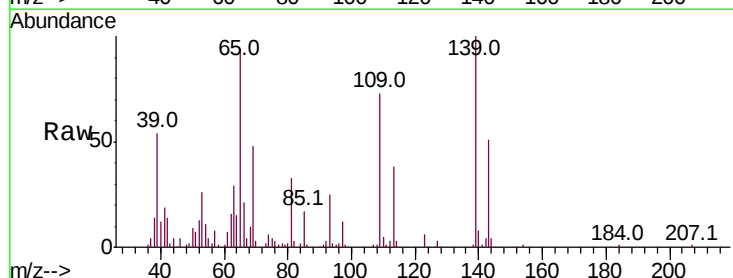
Tgt Ion:109 Resp: 128611

Ion Ratio Lower Upper

109 100

139 136.6 103.4 155.0

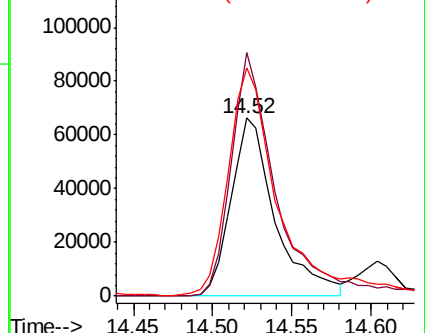
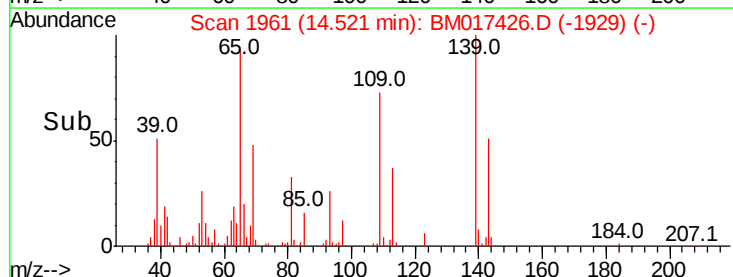
65 128.0 101.0 151.6

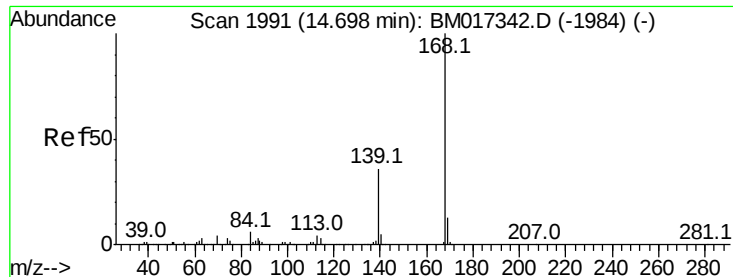


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM





#54

Dibenzenofuran

Concen: 20.234 ng/ul

RT: 14.69 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

Instrument :

BNA\_M

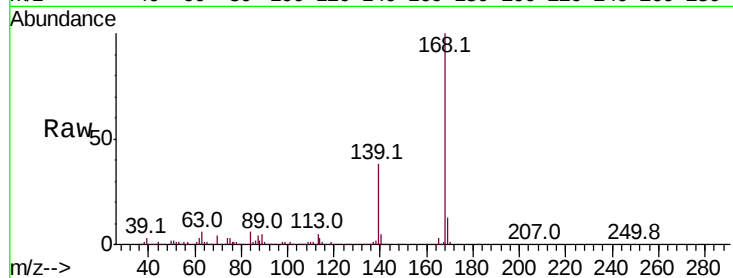
ClientSampleId :

Tot Ion:168 Resp: 1185051

Ion Ratio Lower Upper

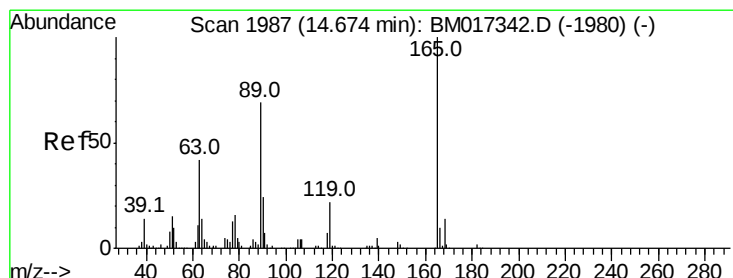
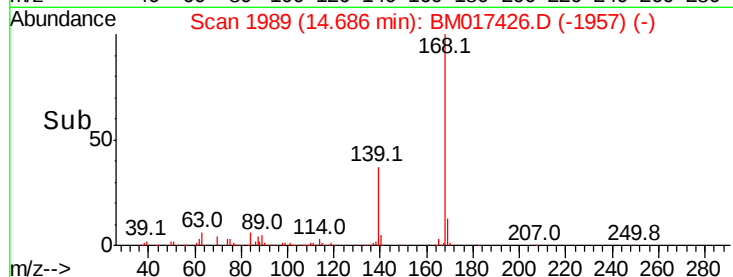
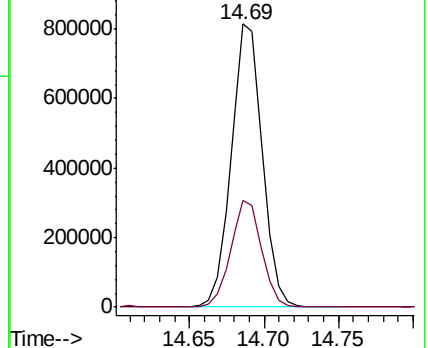
168 100

139 37.9 30.1 45.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 20.868 ng/ul

RT: 14.67 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

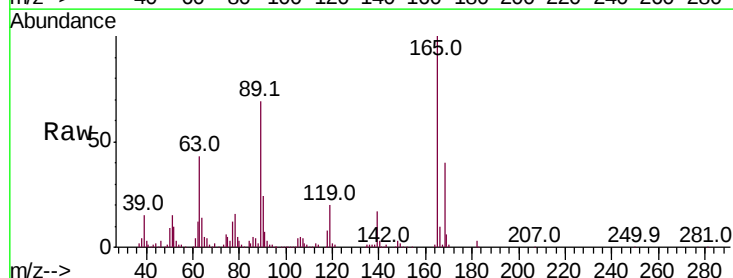
Tgt Ion:165 Resp: 306742

Ion Ratio Lower Upper

165 100

63 42.7 33.9 50.9

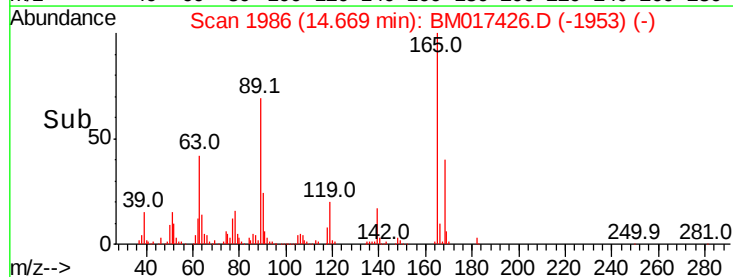
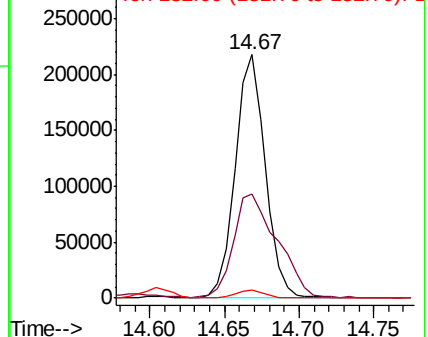
182 3.1 2.2 3.4

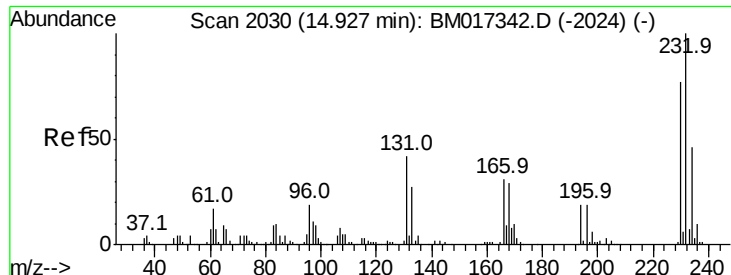


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

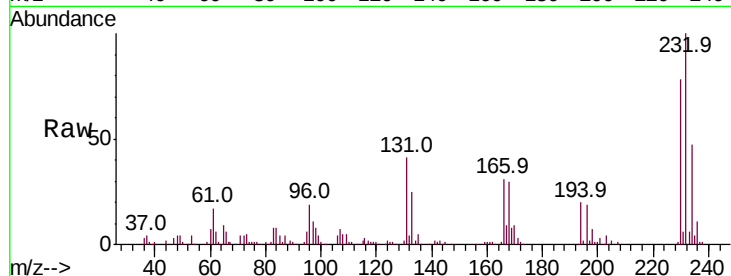




#56  
2,3,4,6-Tetrachlorophenol  
Concen: 20.750 ng/ul  
RT: 14.92 min Scan# 2029  
Delta R.T. -0.01 min  
Lab File: BM017426.D  
Acq: 31 Oct 2018 10:21

Instrument :  
BNA\_M  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 40.7  | 33.0  | 49.4  |
| 130     | 1.8   | 1.9   | 2.9   |
| 166     | 31.5  | 24.6  | 37.0  |



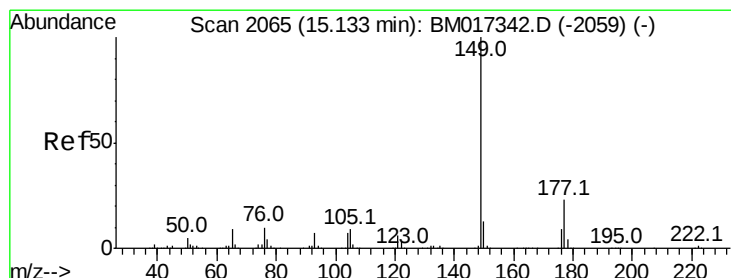
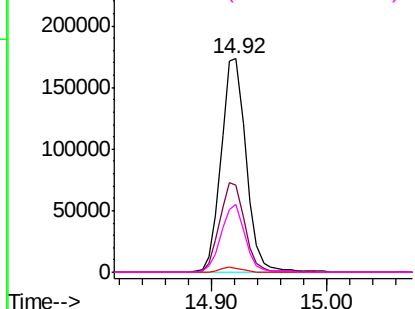
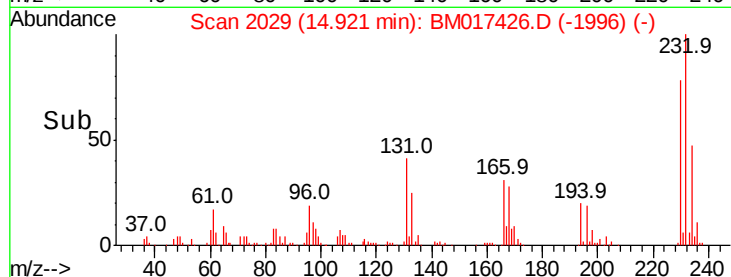
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

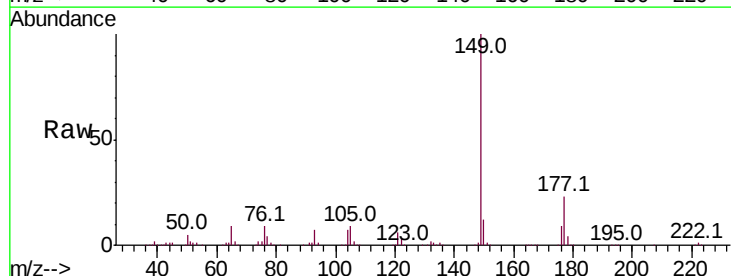
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#57  
Diethylphthalate  
Concen: 20.252 ng/ul  
RT: 15.13 min Scan# 2064  
Delta R.T. -0.01 min  
Lab File: BM017426.D  
Acq: 31 Oct 2018 10:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.6  | 17.8  | 26.8  |
| 150     | 12.5  | 10.2  | 15.4  |

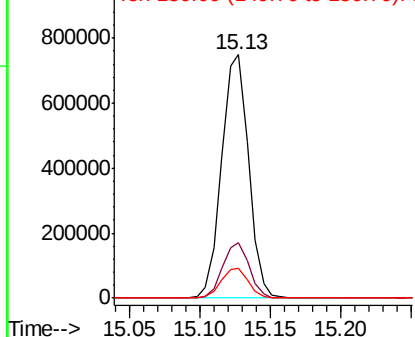
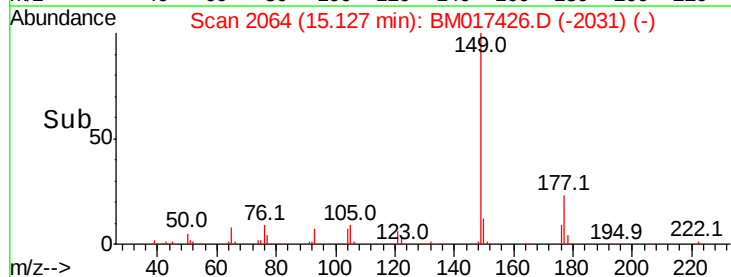


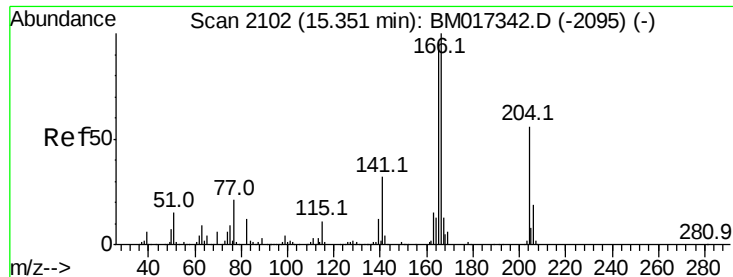
Abundance

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

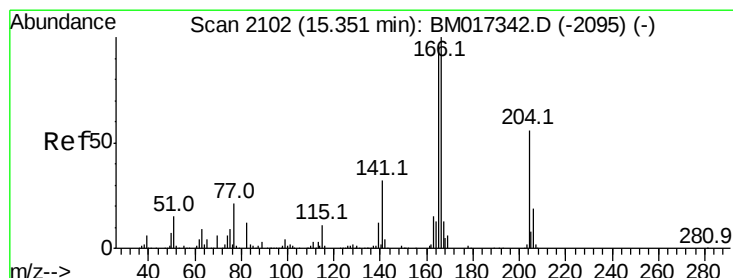
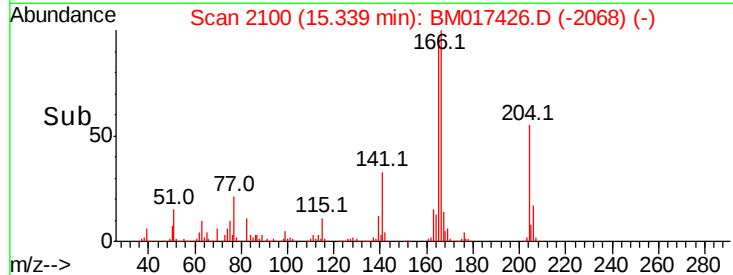
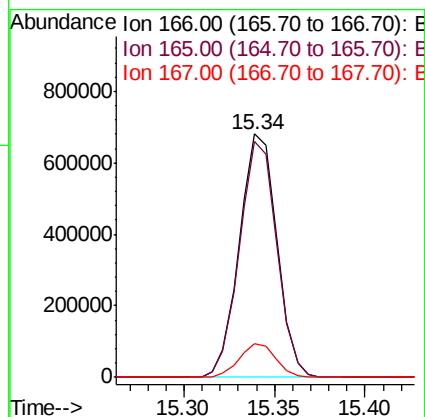
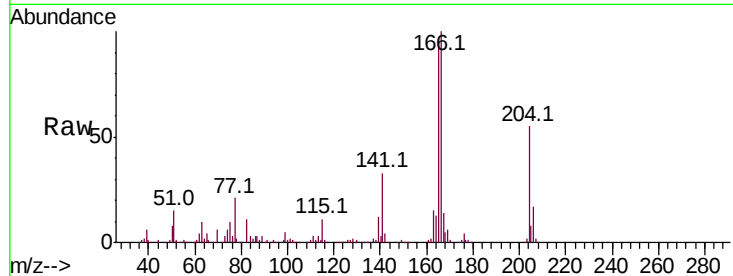




#59  
 Fluorene  
 Concen: 20.312 ng/ul  
 RT: 15.34 min Scan# 2100  
 Delta R.T. -0.01 min  
 Lab File: BM017426.D  
 Acq: 31 Oct 2018 10:21

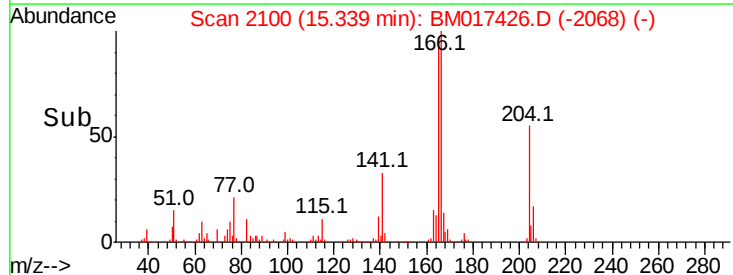
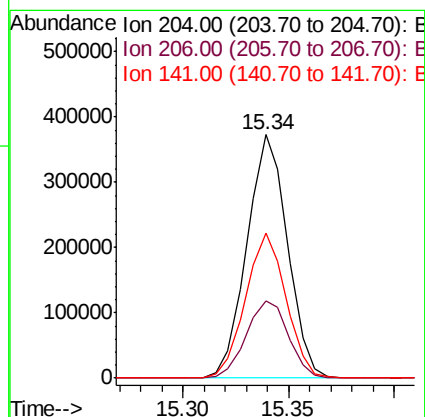
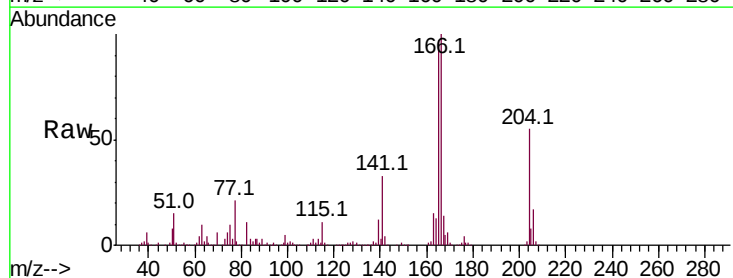
Instrument :  
 BNA\_M  
 ClientSampleId :

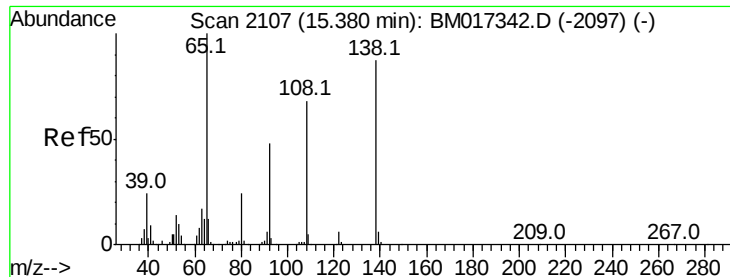
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 96.9  | 77.5  | 116.3 |
| 167     | 13.6  | 10.8  | 16.2  |



#60  
 4-Chlorophenyl-phenylether  
 Concen: 20.134 ng/ul  
 RT: 15.34 min Scan# 2100  
 Delta R.T. -0.01 min  
 Lab File: BM017426.D  
 Acq: 31 Oct 2018 10:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 31.5  | 25.9  | 38.9  |
| 141     | 59.7  | 47.4  | 71.0  |

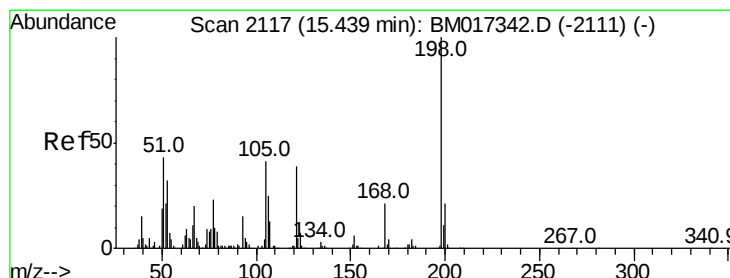
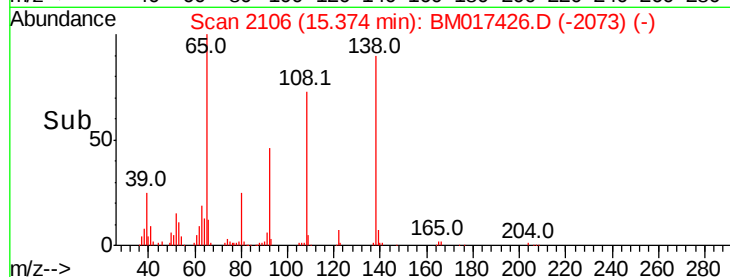
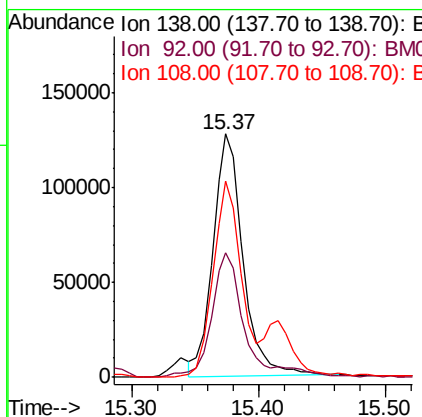
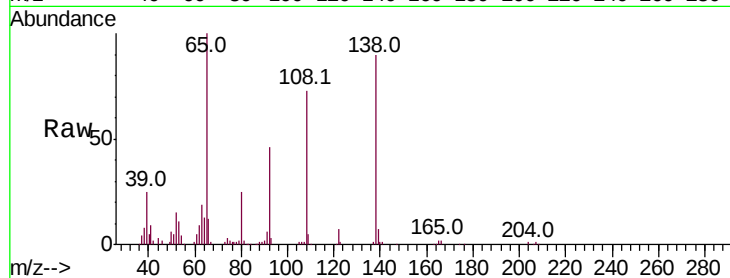




#61  
4-Nitroaniline  
Concen: 18.853 ng/ul  
RT: 15.37 min Scan# 2106  
Delta R.T. -0.01 min  
Lab File: BM017426.D  
Acq: 31 Oct 2018 10:21

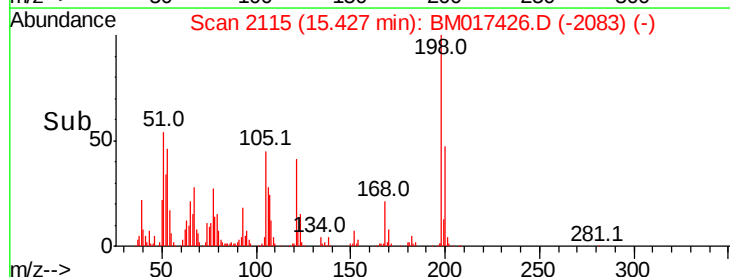
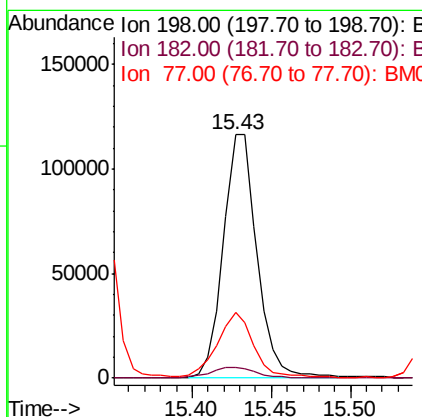
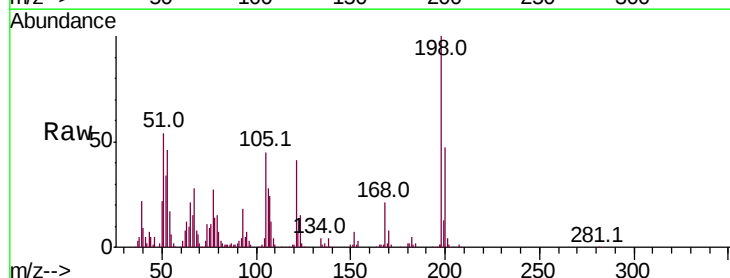
Instrument :  
BNA\_M  
ClientSampleId :

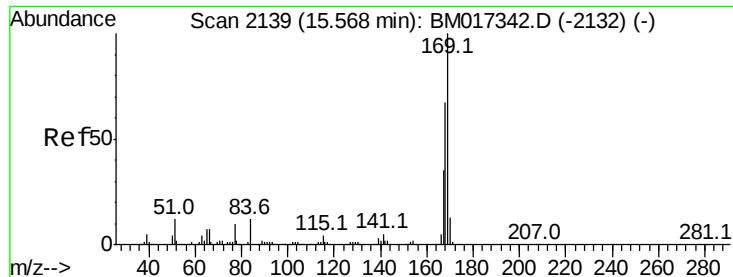
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 51.2  | 41.5  | 62.3  |
| 108     | 80.8  | 63.7  | 95.5  |



#64  
4,6-Dinitro-2-methylphenol  
Concen: 16.800 ng/ul  
RT: 15.43 min Scan# 2115  
Delta R.T. -0.01 min  
Lab File: BM017426.D  
Acq: 31 Oct 2018 10:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 182     | 4.5   | 3.5   | 5.3   |
| 77      | 27.1  | 20.3  | 30.5  |



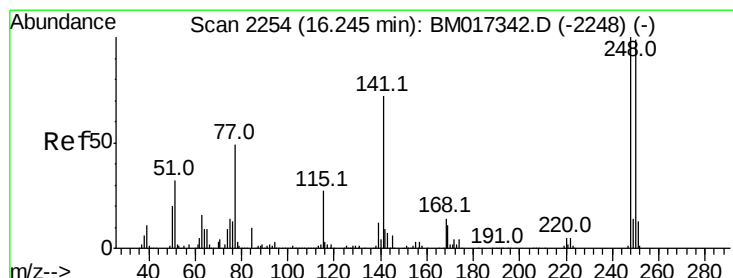
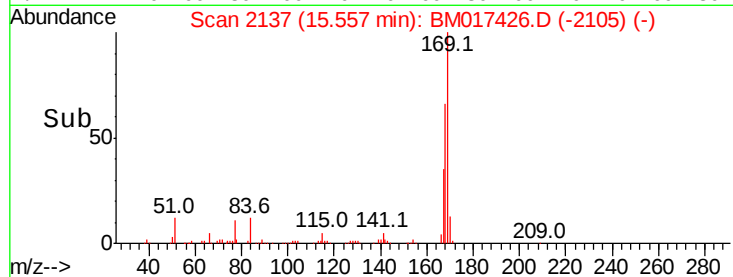
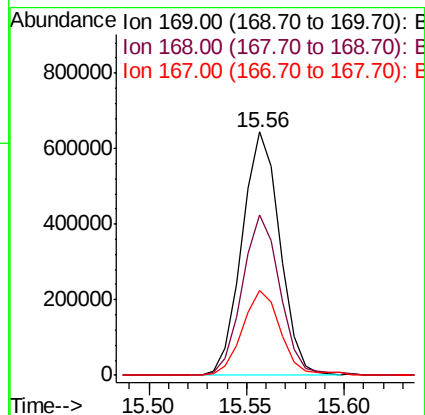
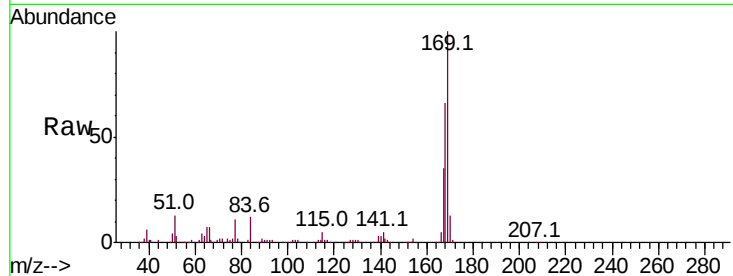


#65

N-Nitrosodiphenylamine  
 Concen: 19.955 ng/ul  
 RT: 15.56 min Scan# 2137  
 Delta R.T. -0.01 min  
 Lab File: BM017426.D  
 Acq: 31 Oct 2018 10:21

Instrument :  
 BNA\_M  
 ClientSampleId :

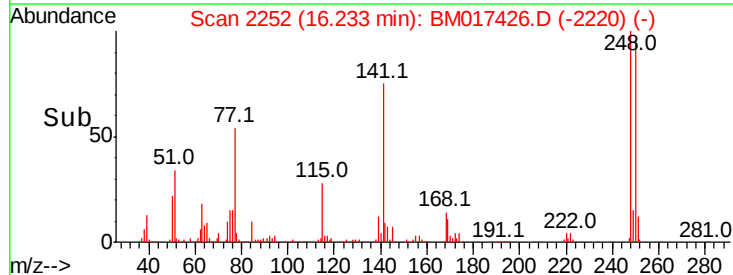
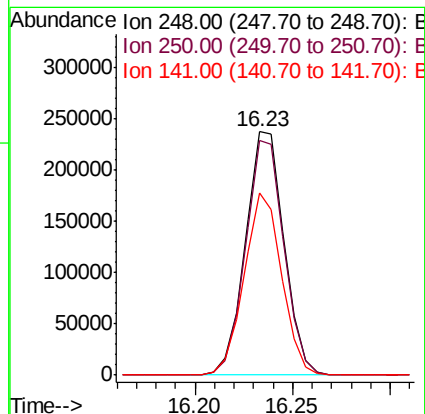
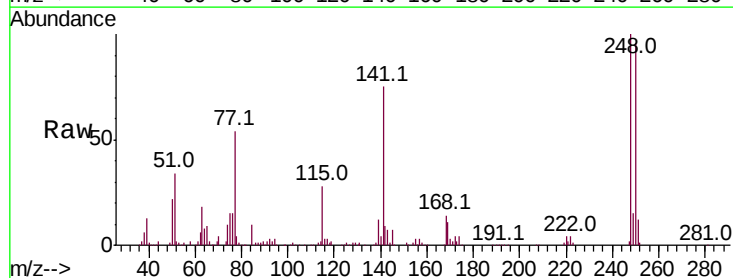
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 65.9  | 52.2  | 78.4  |
| 167     | 34.7  | 28.1  | 42.1  |

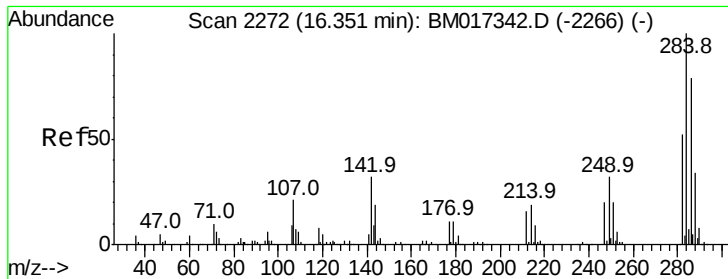


#66

4-Bromophenyl-phenylether  
 Concen: 20.052 ng/ul  
 RT: 16.23 min Scan# 2252  
 Delta R.T. -0.01 min  
 Lab File: BM017426.D  
 Acq: 31 Oct 2018 10:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.5  | 80.0  | 120.0 |
| 141     | 75.1  | 60.6  | 91.0  |





#67

Hexachlorobenzene

Concen: 19.508 ng/ul

RT: 16.34 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

Instrument :

BNA\_M

ClientSampleId :

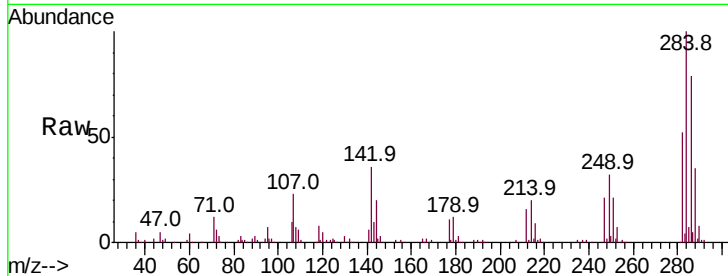
Tot Ion:284 Resp: 356869

Ion Ratio Lower Upper

284 100

142 36.0 28.0 42.0

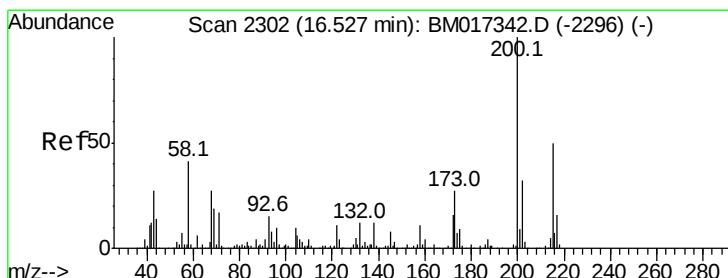
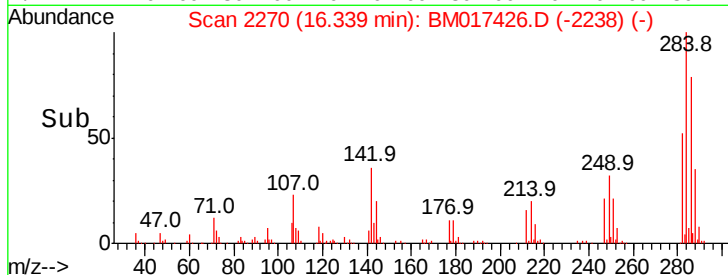
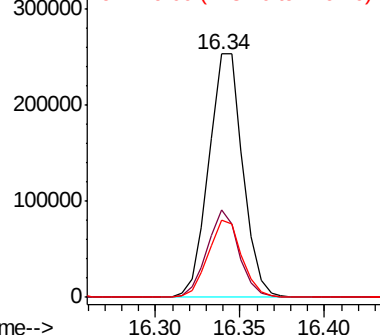
249 32.0 25.8 38.6



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: 19.602 ng/ul

RT: 16.52 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

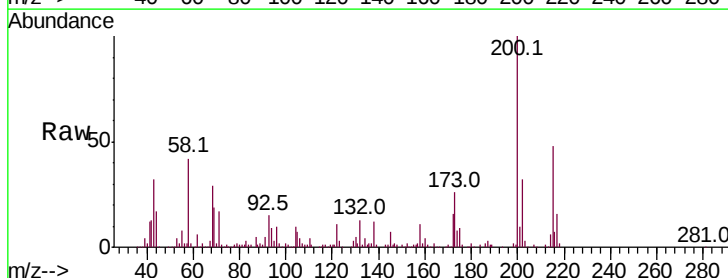
Tgt Ion:200 Resp: 312905

Ion Ratio Lower Upper

200 100

173 26.0 21.8 32.6

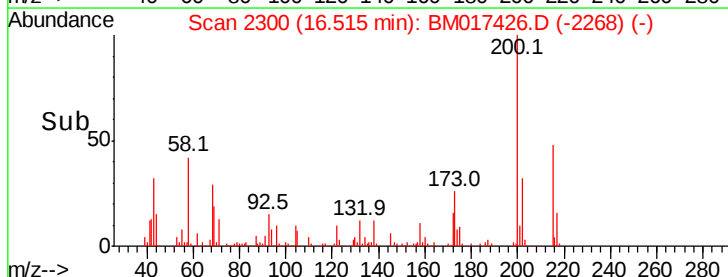
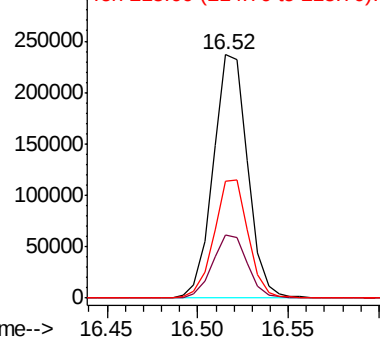
215 48.2 39.8 59.6

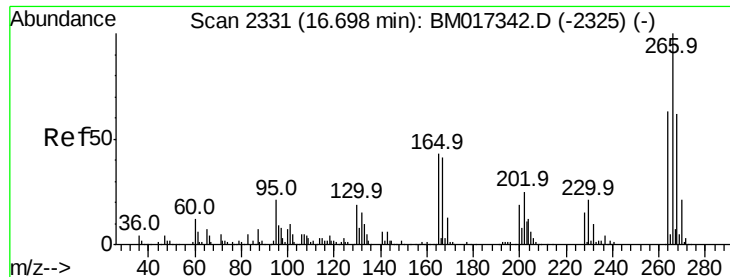


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

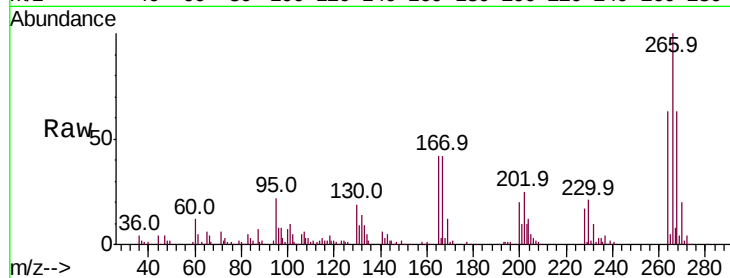




#69  
 Pentachlorophenol  
 Concen: 18.387 ng/ul  
 RT: 16.69 min Scan# 2330  
 Delta R.T. -0.01 min  
 Lab File: BM017426.D  
 Acq: 31 Oct 2018 10:21

Instrument :  
 BNA\_M  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 62.6  | 49.2  | 73.8  |
| 268     | 63.2  | 50.9  | 76.3  |

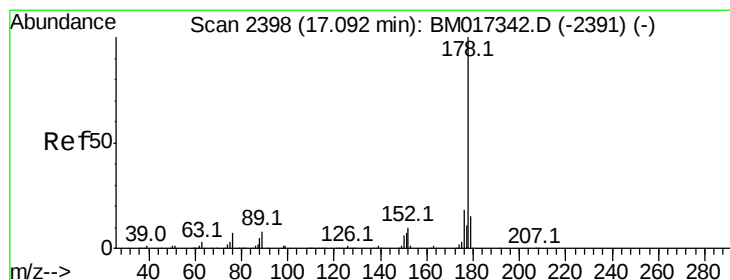
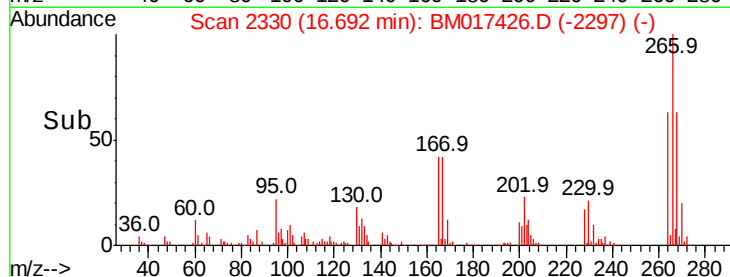
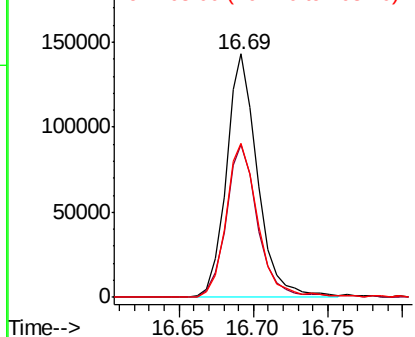


Abundance

Ion 265.70 (265.40 to 266.40): E

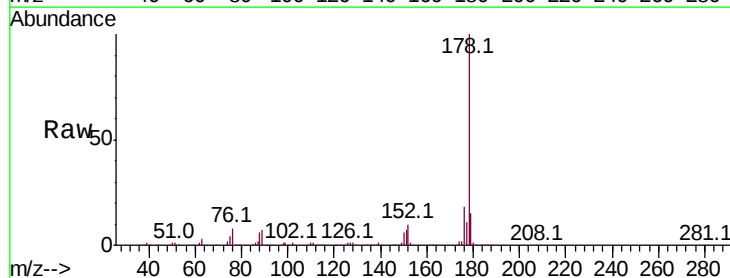
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#70  
 Phenanthrene  
 Concen: 19.998 ng/ul  
 RT: 17.08 min Scan# 2396  
 Delta R.T. -0.01 min  
 Lab File: BM017426.D  
 Acq: 31 Oct 2018 10:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 15.2  | 12.2  | 18.2  |
| 176     | 18.5  | 14.9  | 22.3  |

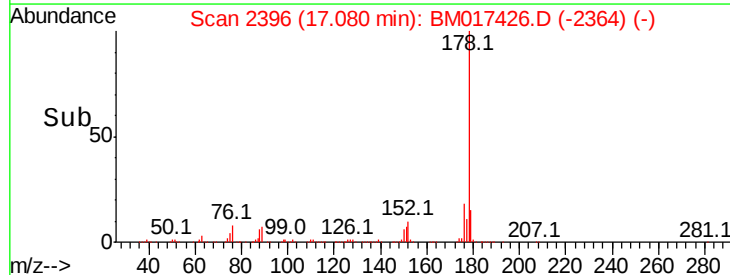
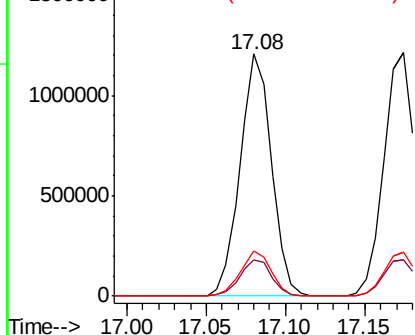


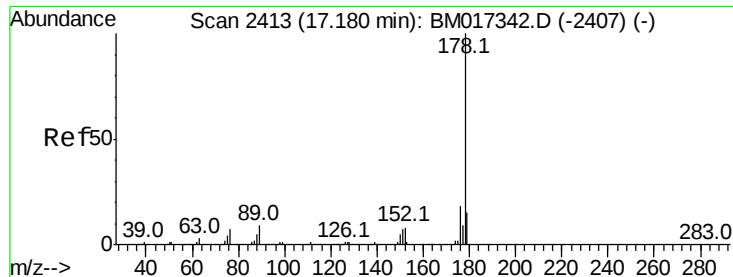
Abundance

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

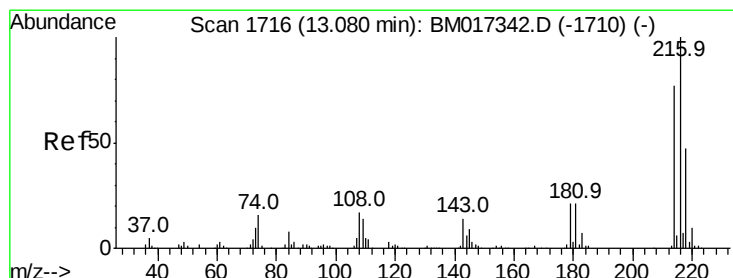
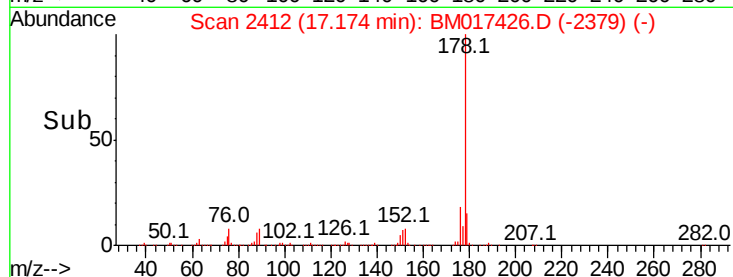
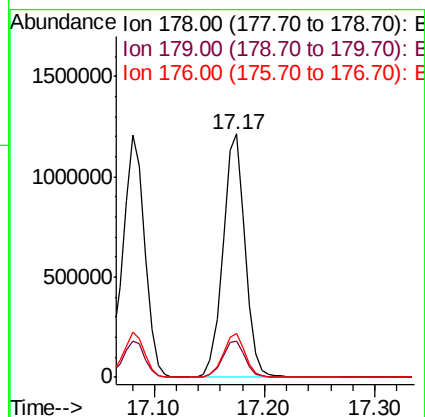
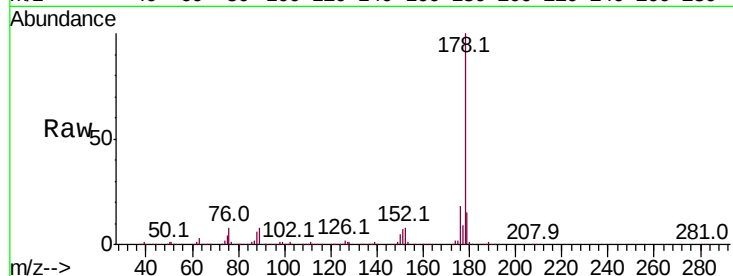




#72  
 Anthracene  
 Concen: 20.051 ng/ul  
 RT: 17.17 min Scan# 2412  
 Delta R.T. -0.01 min  
 Lab File: BM017426.D  
 Acq: 31 Oct 2018 10:21

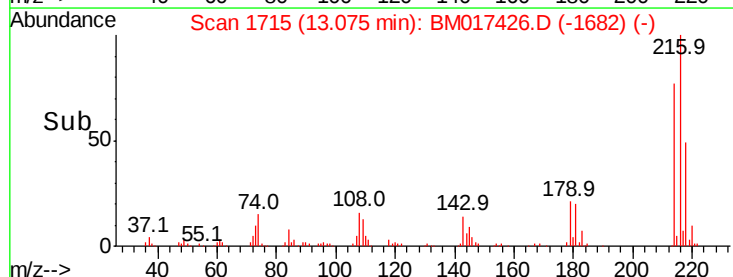
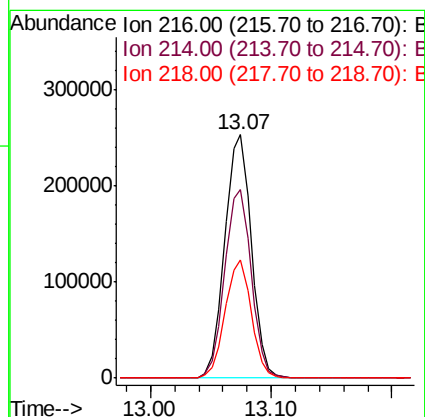
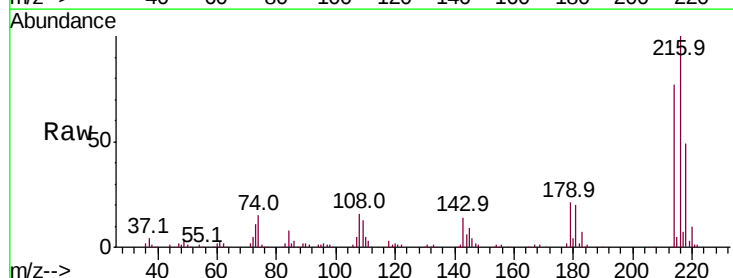
Instrument :  
 BNA\_M  
 ClientSampleId :

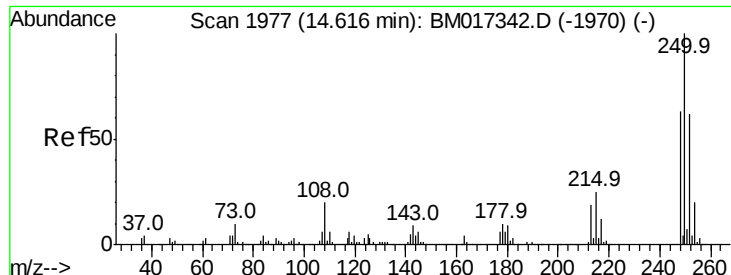
Tot Ion:178 Resp: 1688664  
 Ion Ratio Lower Upper  
 178 100  
 179 15.0 12.2 18.2  
 176 17.9 14.2 21.2



#73  
 1,2,3,4-Tetrachlorobenzene  
 Concen: 18.944 ng/uL  
 RT: 13.07 min Scan# 1715  
 Delta R.T. -0.01 min  
 Lab File: BM017426.D  
 Acq: 31 Oct 2018 10:21

Tgt Ion:216 Resp: 385686  
 Ion Ratio Lower Upper  
 216 100  
 214 77.4 63.4 95.0  
 218 48.7 37.3 55.9





#74

Pentachlorobenzene

Concen: 19.412 ng/uL

RT: 14.60 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

Instrument :

BNA\_M

ClientSampleId :

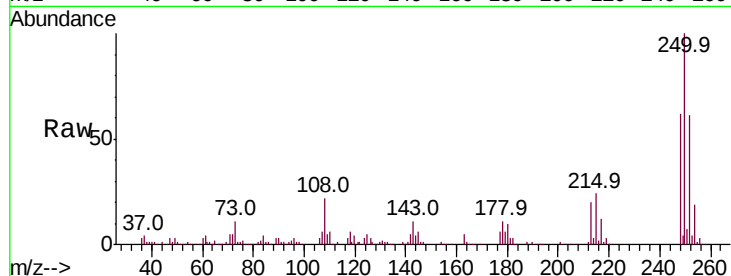
Tot Ion:250 Resp: 406577

Ion Ratio Lower Upper

250 100

248 62.0 50.1 75.1

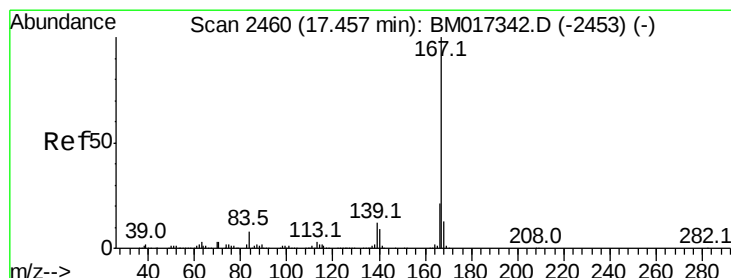
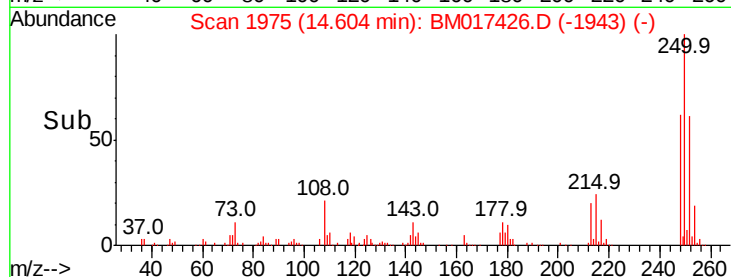
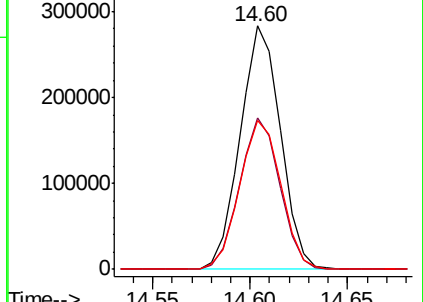
252 61.3 49.4 74.0



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: 20.334 ng/uL

RT: 17.45 min Scan# 2459

Delta R.T. -0.01 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

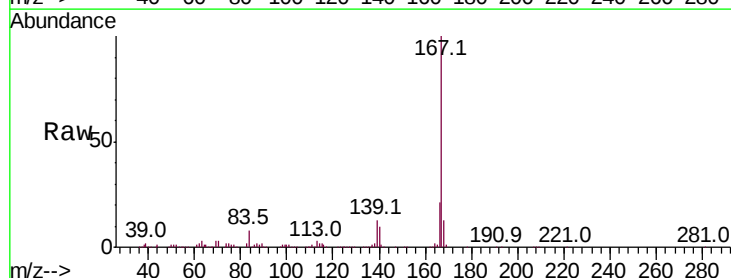
Tgt Ion:167 Resp: 1497388

Ion Ratio Lower Upper

167 100

166 21.3 17.5 26.3

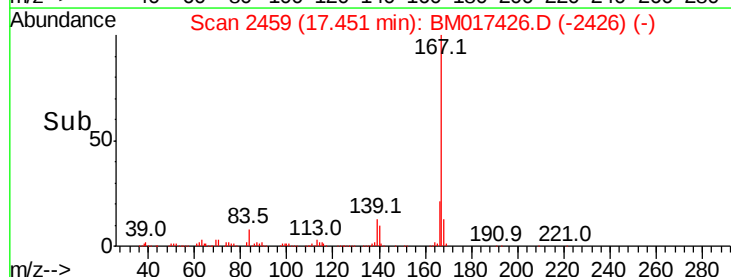
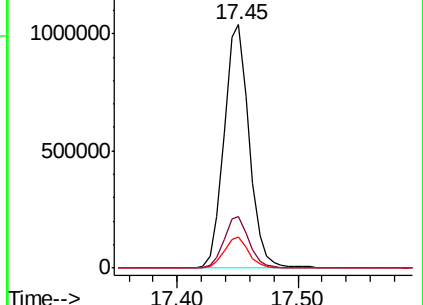
139 12.9 10.0 15.0

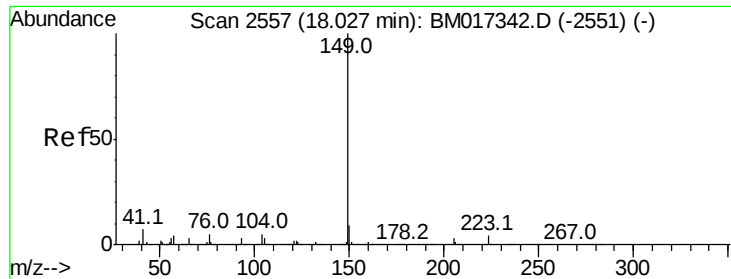


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

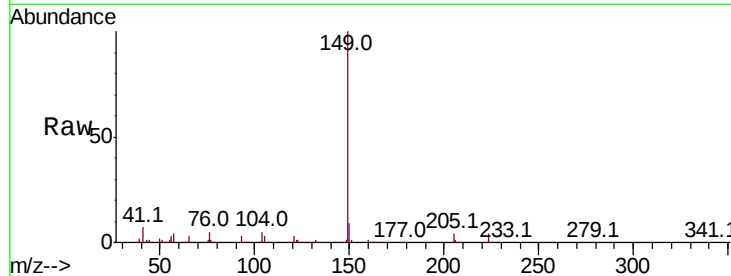




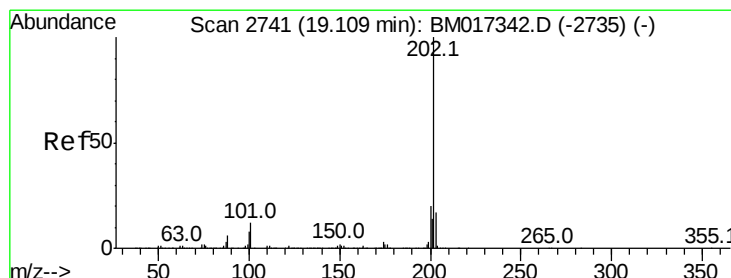
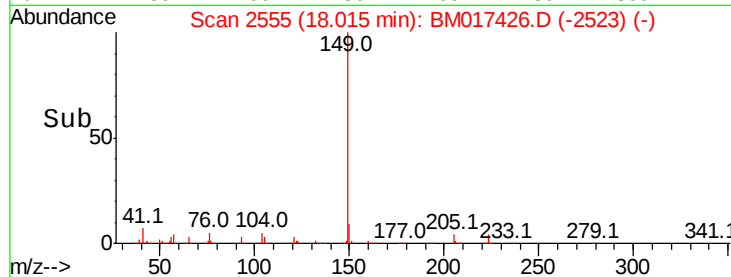
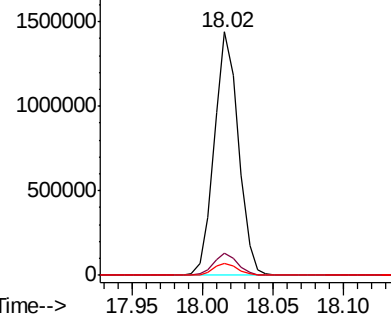
#76  
Di-n-butylphthalate  
Concen: 19.824 ng/ul  
RT: 18.02 min Scan# 2555  
Delta R.T. -0.01 min  
Lab File: BM017426.D  
Acq: 31 Oct 2018 10:21

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:149 Resp: 1705783  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.0 10.6  
104 5.1 4.0 6.0

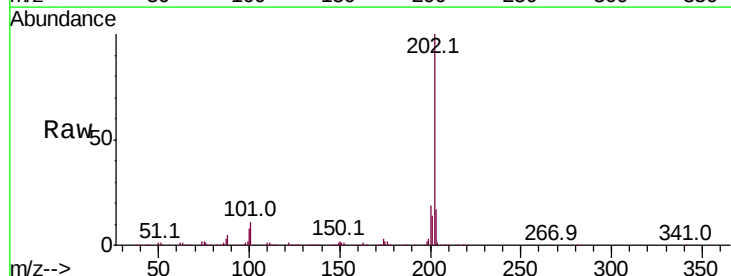


Abundance Ion 149.00 (148.70 to 149.70): E  
2000000 Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E

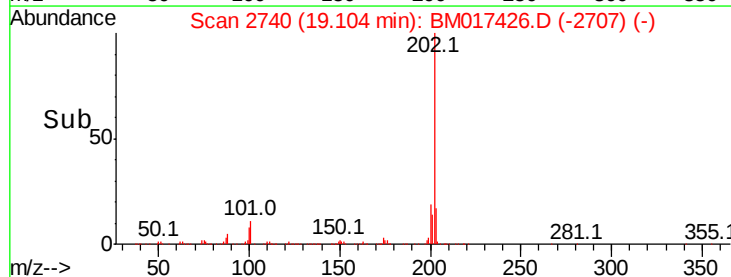
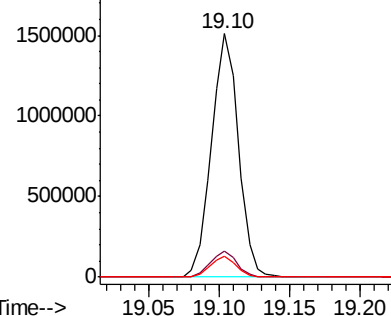


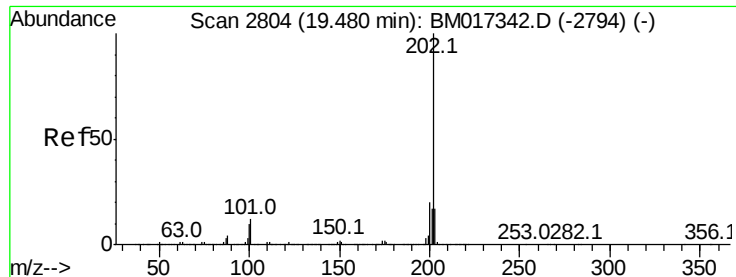
#77  
Fluoranthene  
Concen: 21.063 ng/ul  
RT: 19.10 min Scan# 2740  
Delta R.T. -0.01 min  
Lab File: BM017426.D  
Acq: 31 Oct 2018 10:21

Tgt Ion:202 Resp: 2001987  
Ion Ratio Lower Upper  
202 100  
101 10.8 8.2 12.4  
100 8.4 6.3 9.5



Abundance Ion 202.00 (201.70 to 202.70): E  
2000000 Ion 101.00 (100.70 to 101.70): E  
Ion 100.00 (99.70 to 100.70): E

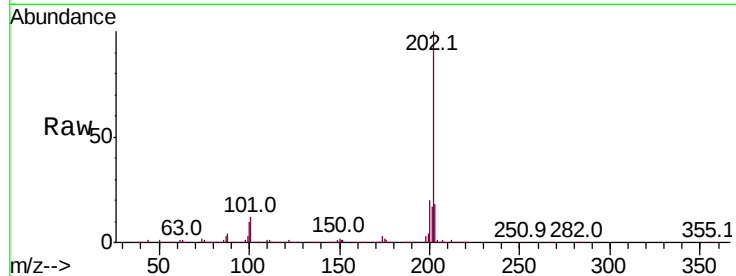




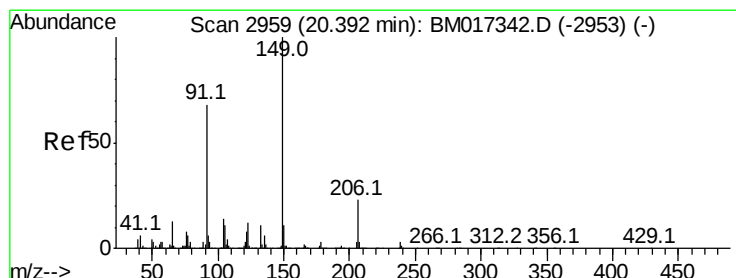
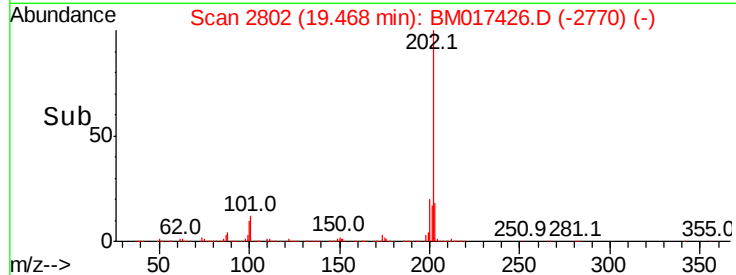
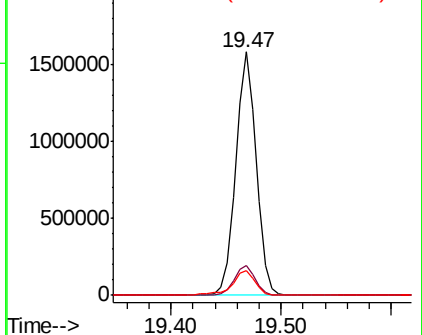
#80  
Pvrene  
Concen: 20.552 ng/ul  
RT: 19.47 min Scan# 2802  
Delta R.T. -0.01 min  
Lab File: BM017426.D  
Acq: 31 Oct 2018 10:21

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:202 Resp: 2066192  
Ion Ratio Lower Upper  
202 100  
101 12.2 9.5 14.3  
100 10.4 8.1 12.1

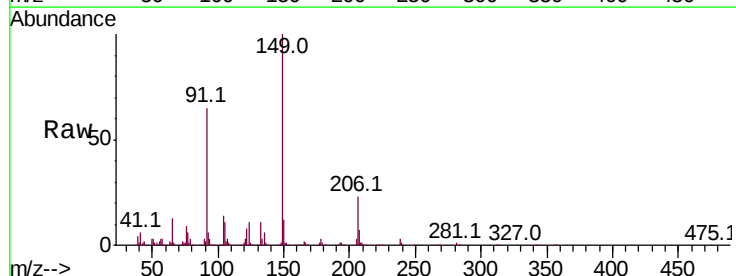


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 100.00 (99.70 to 100.70): B

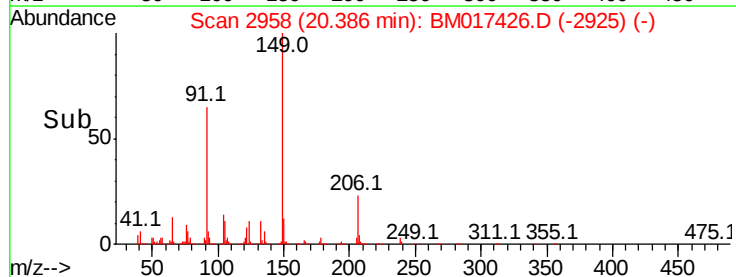
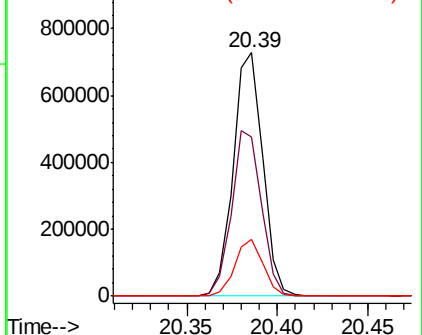


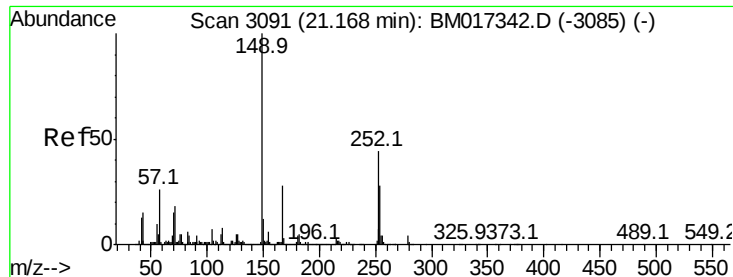
#81  
Butylbenzylphthalate  
Concen: 20.484 ng/ul  
RT: 20.39 min Scan# 2958  
Delta R.T. -0.01 min  
Lab File: BM017426.D  
Acq: 31 Oct 2018 10:21

Tgt Ion:149 Resp: 822055  
Ion Ratio Lower Upper  
149 100  
91 65.4 55.4 83.0  
206 23.1 17.4 26.0



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





#82

3,3'-Dichlorobenzidine

Concen: 18.512 ng/ul

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

Instrument :

BNA\_M

ClientSampleId :

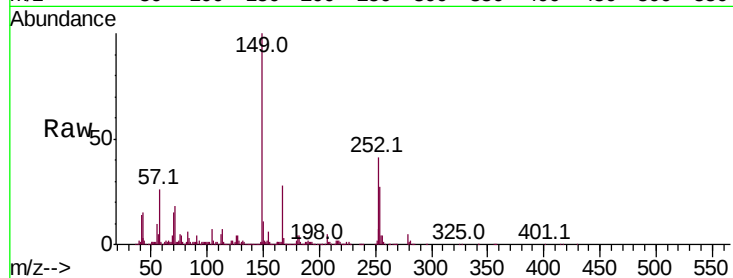
Tot Ion:252 Resp: 626812

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.9  | 51.7  | 77.5  |
| 126 | 10.9  | 8.0   | 12.0  |

252 100

254 64.9 51.7 77.5

126 10.9 8.0 12.0

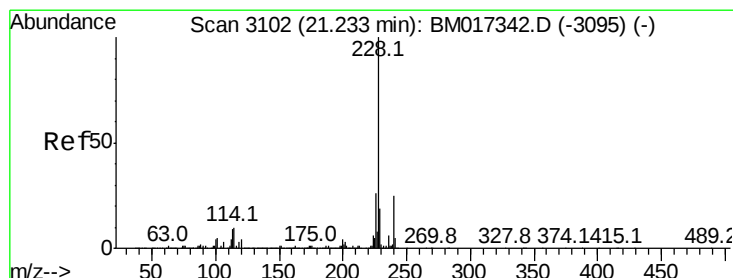
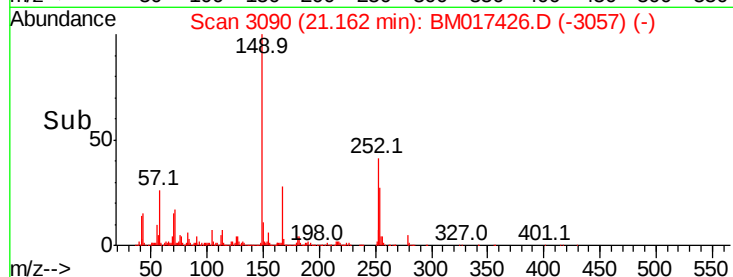
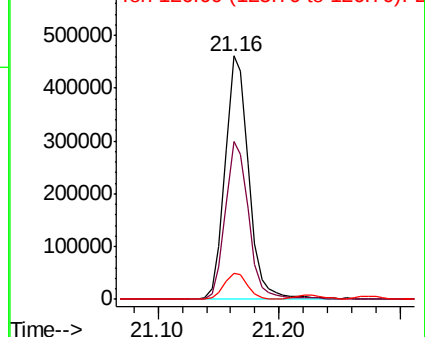


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Benzo(a)anthracene

Concen: 20.013 ng/ul

RT: 21.22 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

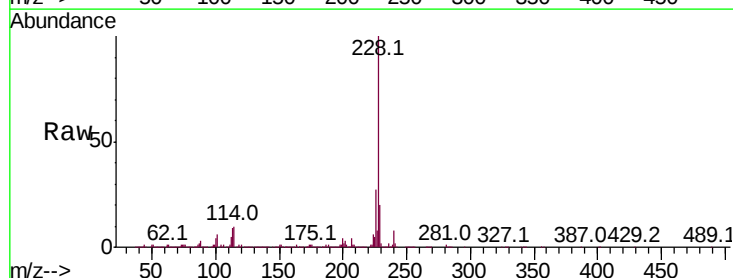
Tgt Ion:228 Resp: 2120247

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 229 | 19.6  | 15.6  | 23.4  |
| 226 | 26.6  | 20.8  | 31.2  |

228 100

229 19.6 15.6 23.4

226 26.6 20.8 31.2

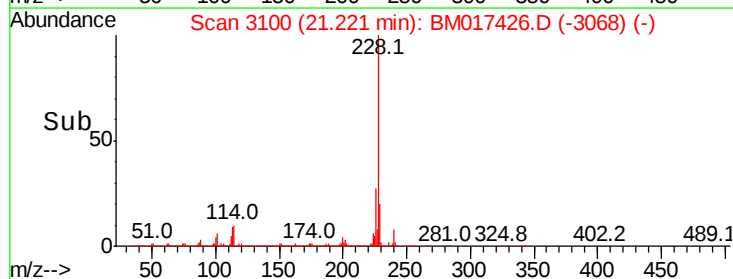
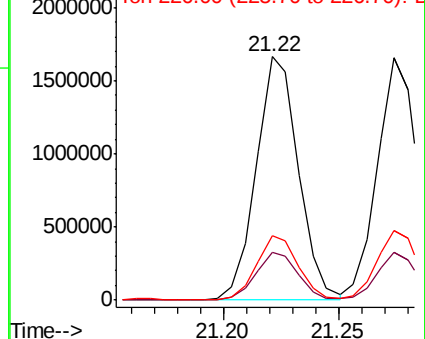


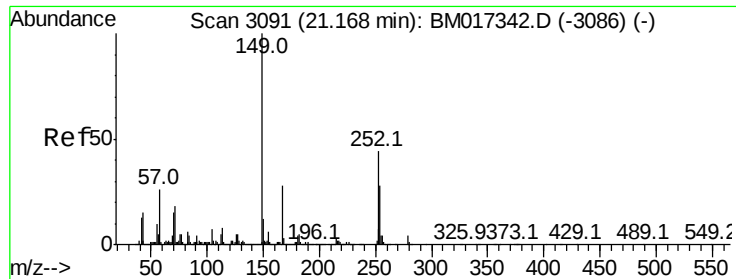
Abundance

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





#84

Bis(2-ethylhexyl)phthalate

Concen: 20.660 ng/ul

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

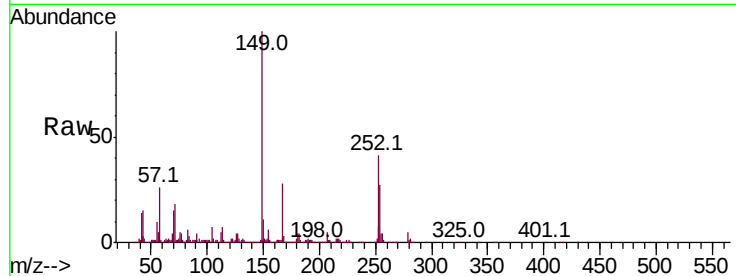
Instrument :

BNA\_M

ClientSampled :

Tot Ion:149 Resp: 1211675

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.8  | 23.0  | 34.6  |
| 279 | 4.6   | 4.1   | 6.1   |

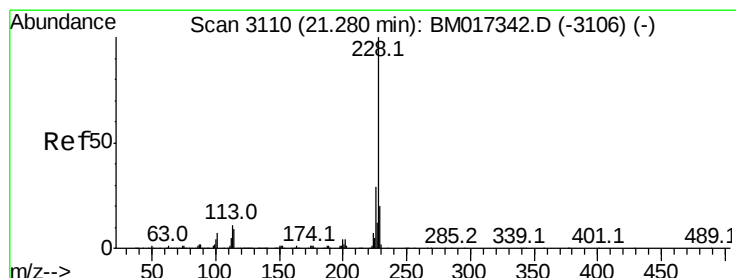
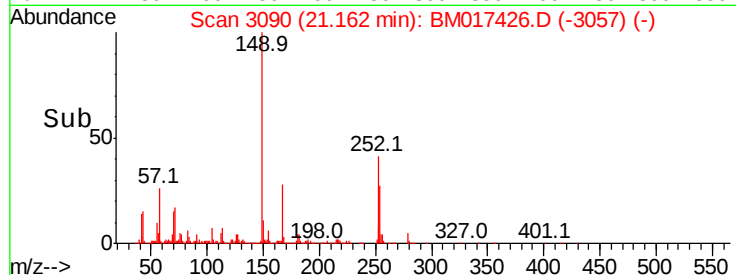
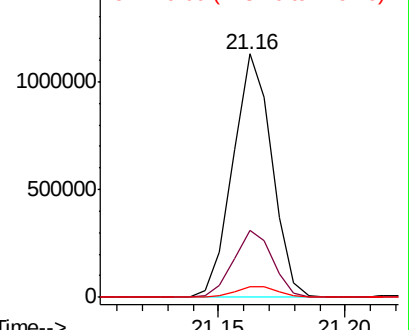


Abundance

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: 20.052 ng/ul

RT: 21.27 min Scan# 3109

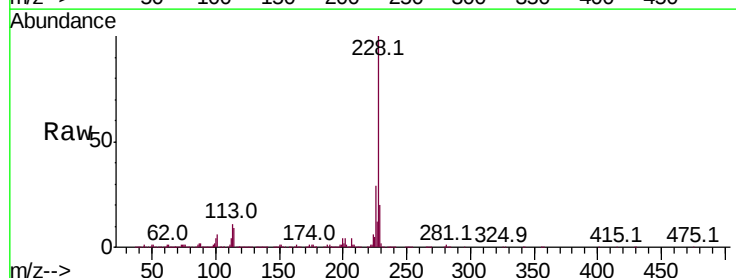
Delta R.T. -0.01 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

Tgt Ion:228 Resp: 2020154

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.6  | 23.3  | 34.9  |
| 229 | 19.8  | 15.6  | 23.4  |

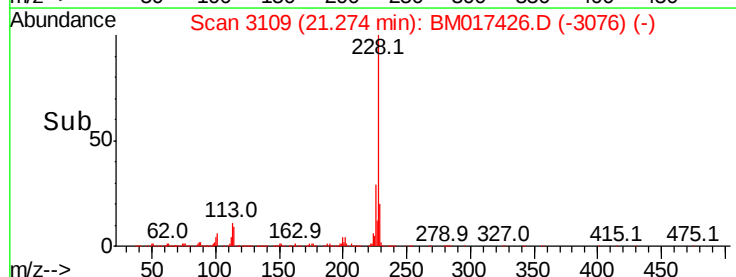
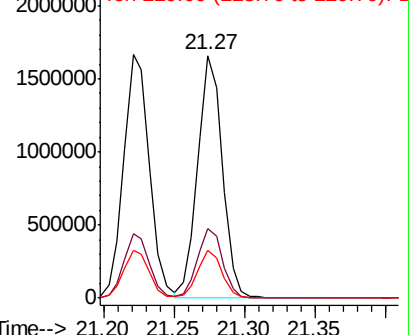


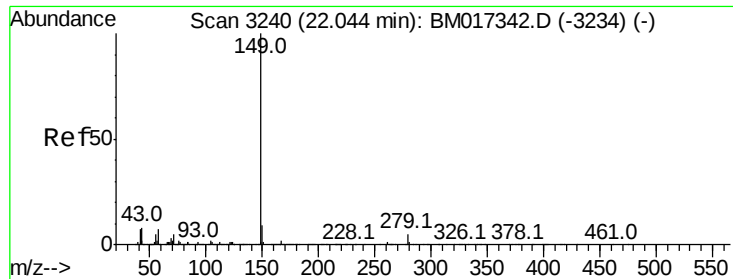
Abundance

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



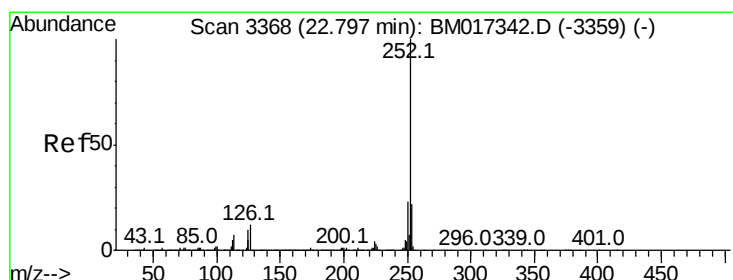
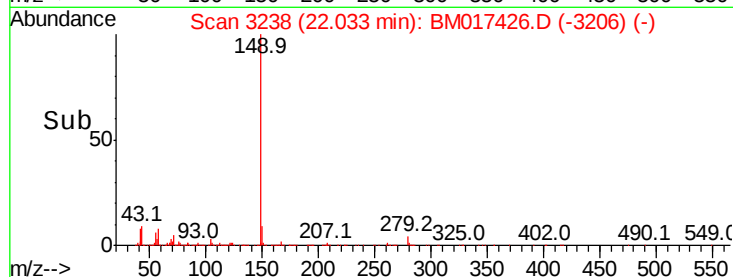
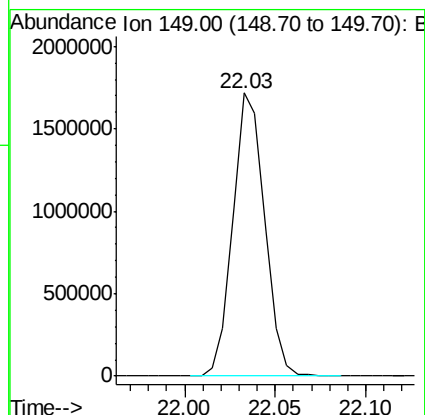
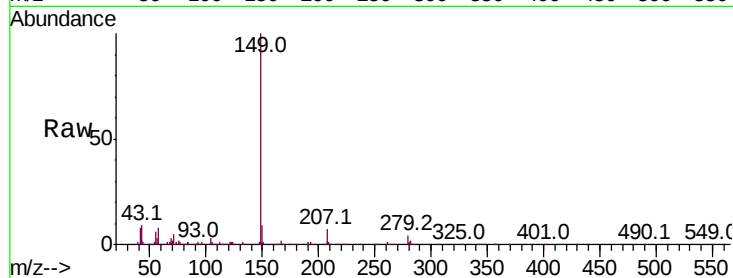


#87

Di-n-octyl phthalate  
 Concen: 24.326 ng/ul  
 RT: 22.03 min Scan# 3238  
 Delta R.T. -0.01 min  
 Lab File: BM017426.D  
 Acq: 31 Oct 2018 10:21

Instrument :  
 BNA\_M  
 ClientSampleId :

Tgt Ion:149 Resp: 2087694

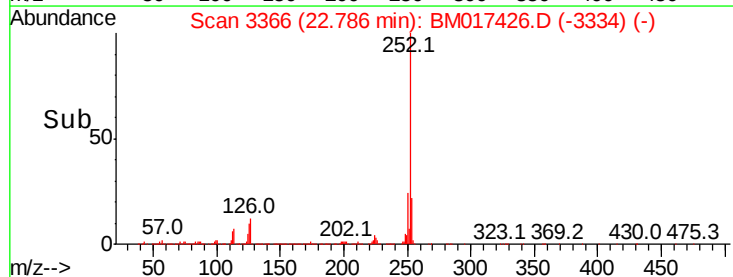
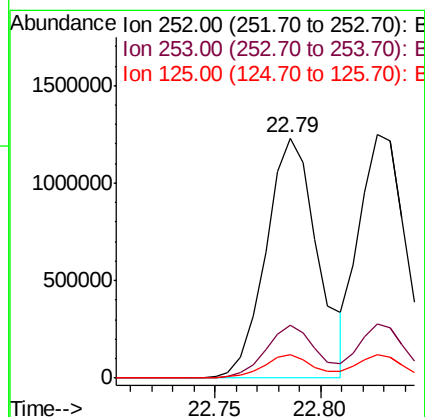
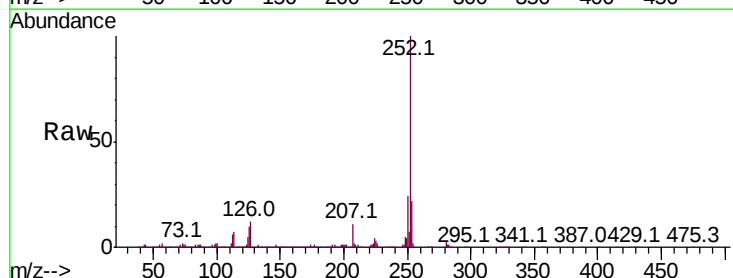


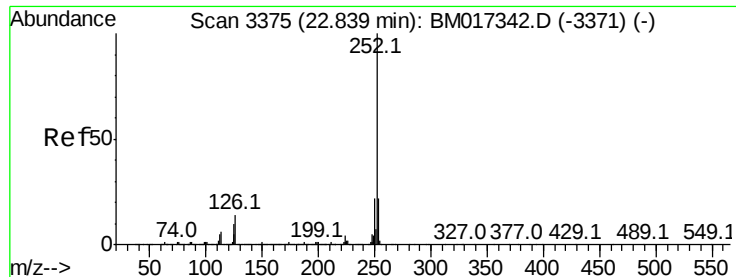
#88

Benzo(b)fluoranthene  
 Concen: 21.616 ng/ul  
 RT: 22.79 min Scan# 3366  
 Delta R.T. -0.01 min  
 Lab File: BM017426.D  
 Acq: 31 Oct 2018 10:21

Tgt Ion:252 Resp: 2084780

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.3  | 17.6  | 26.4  |
| 125 | 9.6   | 7.2   | 10.8  |





#89

Benzo(k)fluoranthene

Concen: 20.387 ng/ul

RT: 22.83 min Scan# 3373

Delta R.T. -0.01 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

Instrument :

BNA\_M

ClientSampleId :

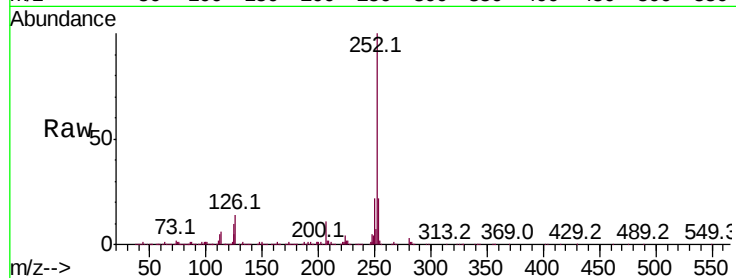
Tot Ion:252 Resp: 1920702

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

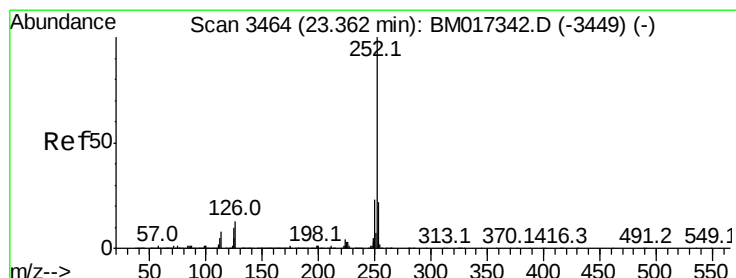
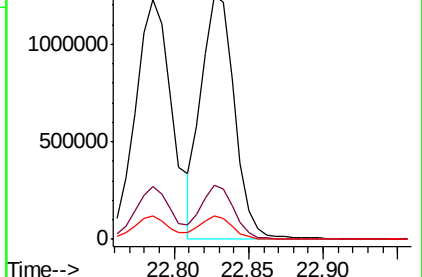
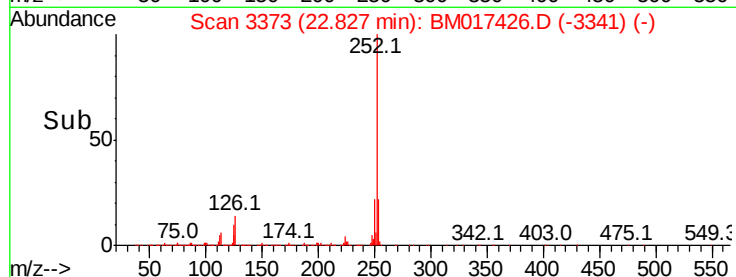
125 9.7 7.8 11.6



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



#91

Benzo(a)pyrene

Concen: 19.980 ng/ul

RT: 23.35 min Scan# 3462

Delta R.T. -0.01 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

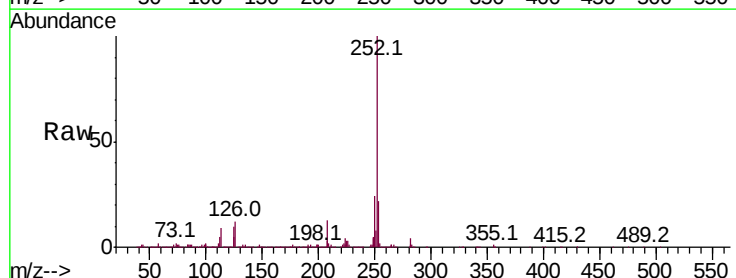
Tgt Ion:252 Resp: 1882613

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

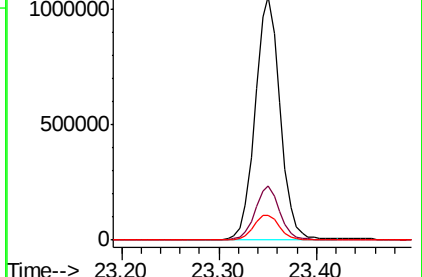
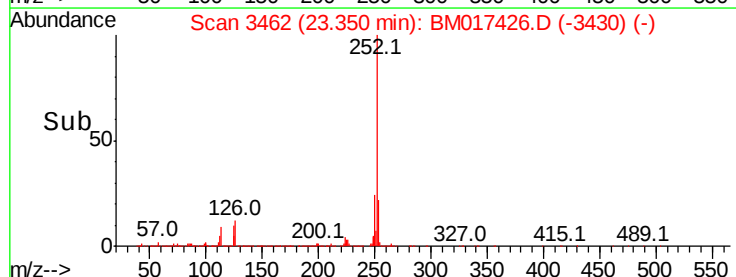
125 10.3 8.3 12.5

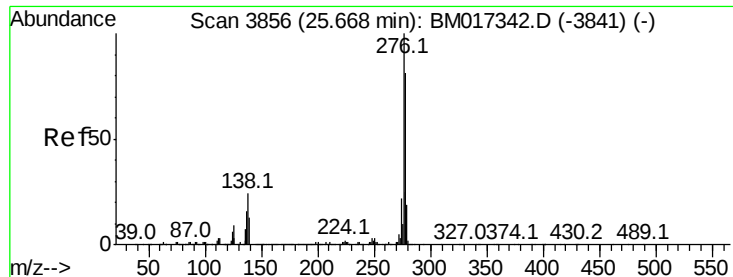


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



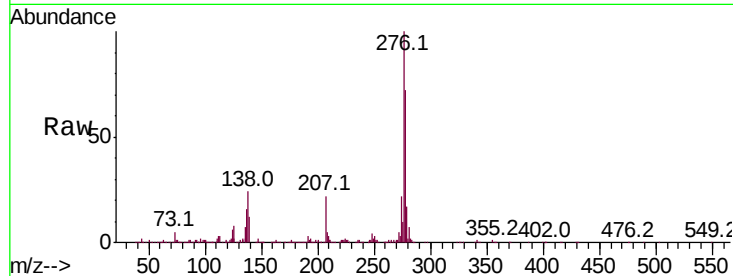


#92

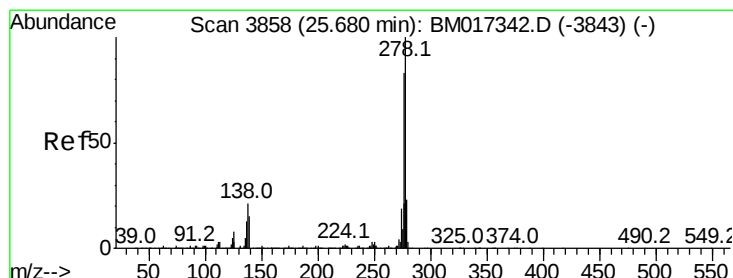
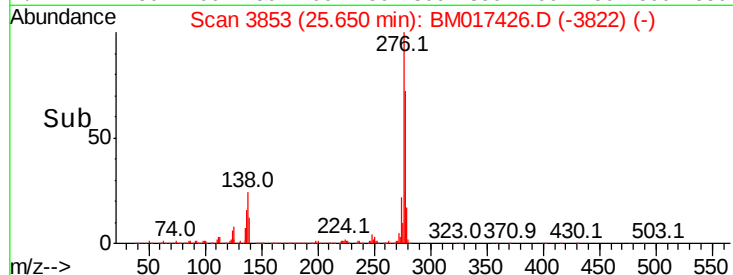
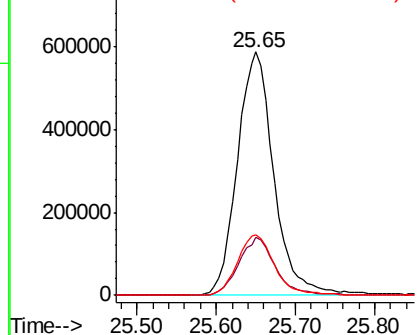
Indeno(1,2,3-cd)pyrene  
Concen: 16.280 ng/ul  
RT: 25.65 min Scan# 3853  
Delta R.T. -0.02 min  
Lab File: BM017426.D  
Acq: 31 Oct 2018 10:21

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:276 Resp: 1866414  
Ion Ratio Lower Upper  
276 100  
138 23.7 18.1 27.1  
277 25.0 19.6 29.4



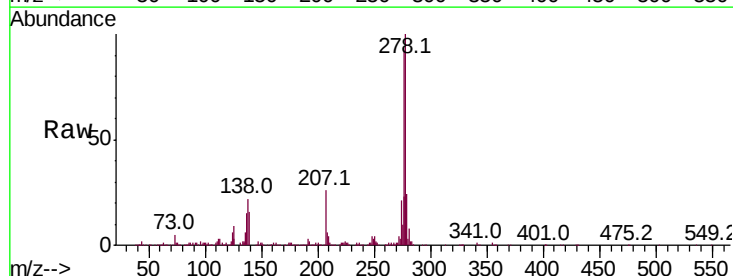
Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E



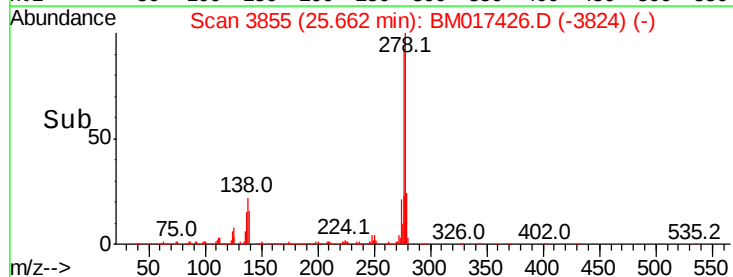
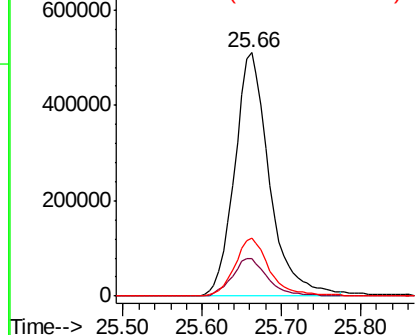
#93

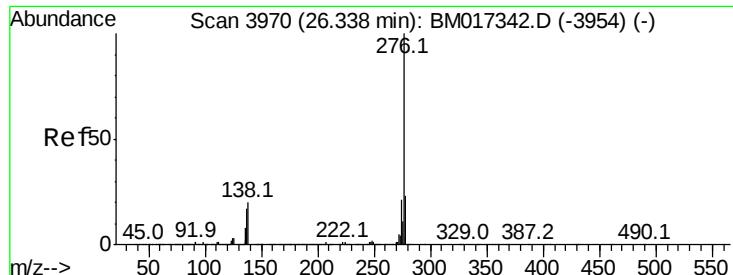
Dibenzo(a,h)anthracene  
Concen: 16.218 ng/ul  
RT: 25.66 min Scan# 3855  
Delta R.T. -0.02 min  
Lab File: BM017426.D  
Acq: 31 Oct 2018 10:21

Tgt Ion:278 Resp: 1552551  
Ion Ratio Lower Upper  
278 100  
139 15.5 12.7 19.1  
279 23.7 19.0 28.4



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: 15.844 ng/ul

RT: 26.33 min Scan# 3968

Delta R.T. -0.01 min

Lab File: BM017426.D

Acq: 31 Oct 2018 10:21

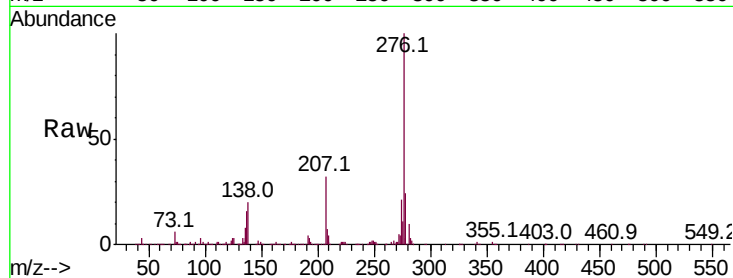
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:276 Resp: 1543059

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 19.6  | 16.6  | 25.0  |
| 277 | 23.8  | 18.9  | 28.3  |



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

