

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092719\  
 Data File : BM022793.D  
 Acq On : 27 Sep 2019 19:12  
 Operator : JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Sep 27 23:14:30 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM092719MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Sep 27 18:03:27 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.81  | 152  | 201492   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.60 | 136  | 922381   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.44 | 164  | 598162   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.19 | 188  | 1245848  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.37 | 240  | 1328933  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.63 | 264  | 1494273  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.27  | 96  | 35498   | 7.62  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.97  | 99  | 333111  | 18.71 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.14  | 67  | 188140  | 19.31 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.35  | 132 | 272007  | 18.97 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.52  | 113 | 276907  | 19.00 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.96  | 128 | 132485  | 18.61 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.69  | 143 | 146868  | 18.89 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.22 | 165 | 293206  | 18.94 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.73 | 131 | 311393  | 16.56 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.86 | 166 | 876799  | 18.89 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.14 | 160 | 1032088 | 19.26 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.63 | 143 | 170742  | 18.61 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.44 | 176 | 750484  | 18.97 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.55 | 200 | 139734  | 17.23 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.28 | 188 | 1169343 | 19.22 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.57 | 212 | 1309441 | 18.31 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.49 | 264 | 1440825 | 18.64 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |        | Ovalue    |
|--------------------------------|-------|-----|--------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.30  | 88  | 35317  | 7.663  | ng/uL 98  |
| 4) Benzaldehyde                | 6.95  | 77  | 120643 | 14.953 | ng/ul 99  |
| 6) Phenol                      | 7.00  | 94  | 353719 | 18.953 | ng/ul 98  |
| 8) Bis(2-Chloroethyl)ether     | 7.23  | 93  | 272235 | 19.287 | ng/ul 99  |
| 10) 2-Chlorophenol             | 7.37  | 128 | 291605 | 18.962 | ng/ul 100 |
| 11) 2-Methylphenol             | 8.25  | 108 | 270057 | 18.774 | ng/ul 99  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.34  | 45  | 365325 | 19.575 | ng/ul 99  |
| 14) Acetophenone               | 8.63  | 105 | 436720 | 19.599 | ng/ul 100 |
| 15) N-Nitroso-di-n-propylamine | 8.62  | 70  | 223423 | 19.522 | ng/ul 99  |
| 16) 4-Methylphenol             | 8.57  | 108 | 303175 | 19.062 | ng/ul 96  |
| 17) Hexachloroethane           | 8.89  | 117 | 111496 | 19.078 | ng/ul 98  |
| 20) Nitrobenzene               | 9.00  | 77  | 315971 | 19.014 | ng/ul 99  |
| 21) Isophorone                 | 9.53  | 82  | 618069 | 18.880 | ng/ul 100 |
| 23) 2-Nitrophenol              | 9.72  | 139 | 169646 | 19.082 | ng/ul 97  |
| 24) 2,4-Dimethylphenol         | 9.78  | 107 | 328709 | 18.990 | ng/ul 98  |
| 25) Bis(2-Chloroethoxy)methane | 10.02 | 93  | 393768 | 18.860 | ng/ul 100 |
| 27) 2,4-Dichlorophenol         | 10.25 | 162 | 296294 | 18.914 | ng/ul 99  |
| 28) Naphthalene                | 10.65 | 128 | 947246 | 19.016 | ng/ul 100 |
| 30) 4-Chloroaniline            | 10.76 | 127 | 332510 | 16.791 | ng/ul 100 |
| 31) Hexachlorobutadiene        | 10.95 | 225 | 179833 | 18.974 | ng/ul 100 |
| 32) Caprolactam                | 11.54 | 113 | 46418  | 9.152  | ng/ul 96  |
| 33) 4-Chloro-3-methylphenol    | 11.88 | 107 | 307095 | 19.042 | ng/ul 99  |
| 34) 2-Methylnaphthalene        | 12.26 | 142 | 711674 | 19.055 | ng/ul 99  |

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 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Sep 27 18:03:27 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 35) 1-Methylnaphthalene        | 12.49 | 142  | 675813   | 18.946 | ng/ul | 99       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.64 | 216  | 373773   | 19.046 | ng/ul | 99       |
| 38) Hexachlorocyclopentadiene  | 12.62 | 237  | 223214   | 18.147 | ng/ul | 100      |
| 39) 2,4,6-Trichlorophenol      | 12.87 | 196  | 244986   | 18.822 | ng/ul | 99       |
| 40) 2,4,5-Trichlorophenol      | 12.94 | 196  | 266726   | 18.789 | ng/ul | 99       |
| 41) 1,1'-Biphenyl              | 13.28 | 154  | 931416   | 19.017 | ng/ul | 99       |
| 42) 2-Chloronaphthalene        | 13.32 | 162  | 717941   | 19.174 | ng/ul | 99       |
| 43) 2-Nitroaniline             | 13.52 | 65   | 184692   | 19.020 | ng/ul | 99       |
| 45) Dimethylphthalate          | 13.90 | 163  | 909549   | 19.072 | ng/ul | 99       |
| 46) 2,6-Dinitrotoluene         | 14.02 | 165  | 181516   | 19.089 | ng/ul | 98       |
| 48) Acenaphthylene             | 14.17 | 152  | 1112233  | 19.222 | ng/ul | 99       |
| 49) 3-Nitroaniline             | 14.34 | 138  | 160369   | 17.387 | ng/ul | 96       |
| 50) Acenaphthene               | 14.51 | 153  | 769053   | 19.079 | ng/ul | 100      |
| 51) 2,4-Dinitrophenol          | 14.55 | 184  | 97621    | 16.086 | ng/ul | 97       |
| 53) 4-Nitrophenol              | 14.65 | 109  | 126443   | 18.862 | ng/ul | 97       |
| 54) Dibenzofuran               | 14.84 | 168  | 1098566  | 19.083 | ng/ul | 100      |
| 55) 2,4-Dinitrotoluene         | 14.80 | 165  | 268718   | 19.154 | ng/ul | 97       |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.07 | 232  | 239455   | 19.171 | ng/ul | 98       |
| 57) Diethylphthalate           | 15.27 | 149  | 906178   | 18.927 | ng/ul | 100      |
| 59) Fluorene                   | 15.49 | 166  | 900931   | 19.366 | ng/ul | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.49 | 204  | 454817   | 19.287 | ng/ul | 98       |
| 61) 4-Nitroaniline             | 15.50 | 138  | 188282   | 18.070 | ng/ul | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 15.57 | 198  | 158884   | 17.523 | ng/ul | 96       |
| 65) N-Nitrosodiphenylamine     | 15.70 | 169  | 787769   | 19.238 | ng/ul | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.38 | 248  | 289017   | 19.230 | ng/ul | 99       |
| 67) Hexachlorobenzene          | 16.50 | 284  | 318375   | 18.999 | ng/ul | 98       |
| 68) Atrazine                   | 16.65 | 200  | 280746   | 18.753 | ng/ul | 98       |
| 69) Pentachlorophenol          | 16.84 | 266  | 194310   | 17.874 | ng/ul | 99       |
| 70) Phenanthrene               | 17.23 | 178  | 1435161  | 19.302 | ng/ul | 100      |
| 72) Anthracene                 | 17.32 | 178  | 1467477  | 19.369 | ng/ul | 100      |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.24 | 216  | 373210   | 19.196 | ng/uL | 99       |
| 74) Pentachlorobenzene         | 14.77 | 250  | 374617   | 19.303 | ng/uL | 99       |
| 75) Carbazole                  | 17.58 | 167  | 1326383  | 19.698 | ng/ul | 100      |
| 76) Di-n-butylphthalate        | 18.15 | 149  | 1522157  | 19.173 | ng/ul | 100      |
| 77) Fluoranthene               | 19.24 | 202  | 1687507  | 20.179 | ng/ul | 99       |
| 80) Pvrene                     | 19.60 | 202  | 1758629  | 18.668 | ng/ul | 99       |
| 81) Butylbenzylphthalate       | 20.50 | 149  | 708428   | 18.285 | ng/ul | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.28 | 252  | 545957   | 18.035 | ng/ul | 99       |
| 83) Benzo(a)anthracene         | 21.35 | 228  | 1801578  | 18.882 | ng/ul | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.29 | 149  | 1049308  | 19.062 | ng/ul | 100      |
| 85) Chrysene                   | 21.40 | 228  | 1679667  | 19.094 | ng/ul | 100      |
| 87) Di-n-octyl phthalate       | 22.17 | 149  | 1783418  | 17.549 | ng/ul | 100      |
| 88) Benzo(b)fluoranthene       | 22.95 | 252  | 1827349  | 18.428 | ng/ul | 99       |
| 89) Benzo(k)fluoranthene       | 23.00 | 252  | 1744289  | 18.386 | ng/ul | 100      |
| 91) Benzo(a)pyrene             | 23.54 | 252  | 1740000  | 18.703 | ng/ul | 100      |
| 92) Indeno(1,2,3-cd)pyrene     | 25.94 | 276  | 1979871  | 20.036 | ng/ul | 99       |
| 93) Dibenzo(a,h)anthracene     | 25.95 | 278  | 1661403  | 20.098 | ng/ul | 99       |
| 94) Benzo(a,h,i)perylene       | 26.64 | 276  | 1616750  | 20.280 | ng/ul | 98       |

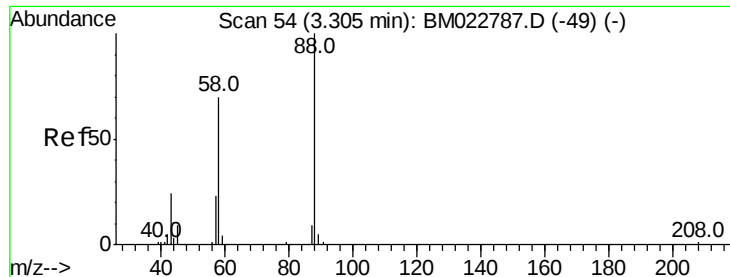
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092719\  
Data File : BM022793.D  
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ALS Vial : 11 Sample Multiplier: 1

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





#2

1,4-Dioxane

Concen: 7.663 ng/uL

RT: 3.30 min Scan# 54

Delta R.T. 0.00 min

Lab File: BM022793.D

Acq: 27 Sep 2019 19:12

Instrument :

BNA\_M

ClientSampleId :

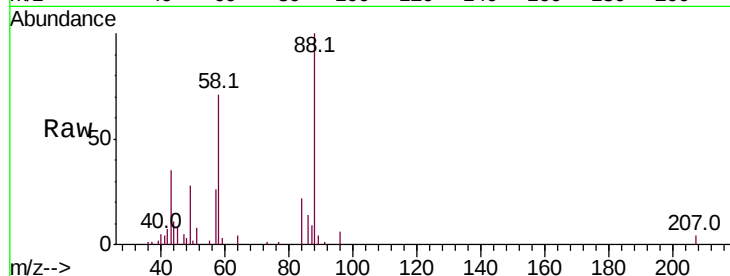
Tot Ion: 88 Resp: 35317

Ion Ratio Lower Upper

88 100

43 34.7 25.3 37.9

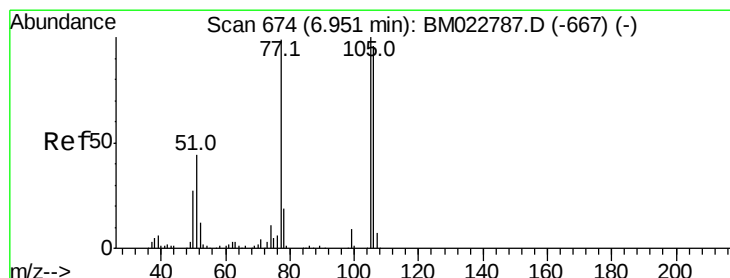
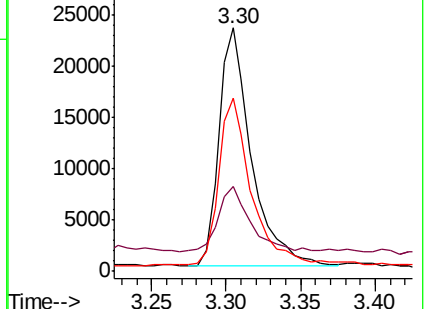
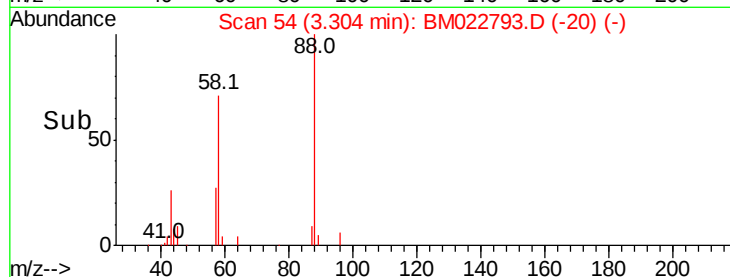
58 71.1 56.6 84.8



Abundance Ion 88.00 (87.70 to 88.70): BM022787.D (-49) (-)

Ion 43.00 (42.70 to 43.70): BM022787.D (-49) (-)

Ion 58.00 (57.70 to 58.70): BM022787.D (-49) (-)



#4

Benzaldehyde

Concen: 14.953 ng/uL

RT: 6.95 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM022793.D

Acq: 27 Sep 2019 19:12

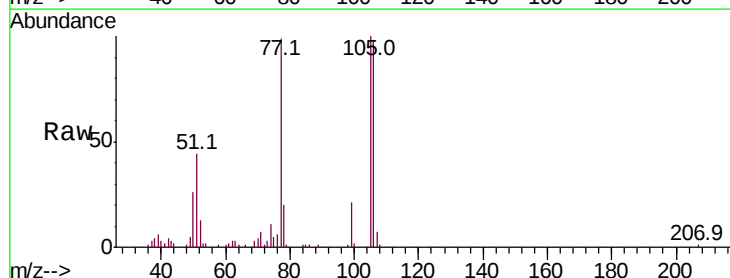
Tgt Ion: 77 Resp: 120643

Ion Ratio Lower Upper

77 100

105 101.0 80.6 120.8

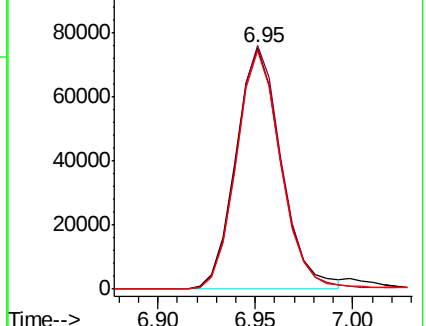
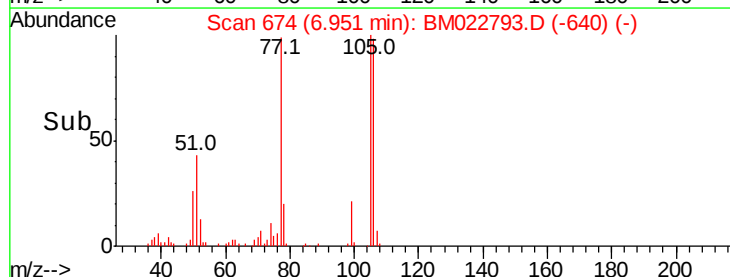
106 98.8 77.0 115.6

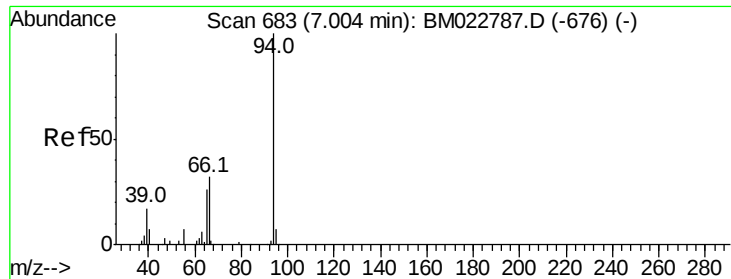


Abundance Ion 77.00 (76.70 to 77.70): BM022787.D (-667) (-)

Ion 105.00 (104.70 to 105.70): BM022787.D (-667) (-)

Ion 106.00 (105.70 to 106.70): BM022787.D (-667) (-)





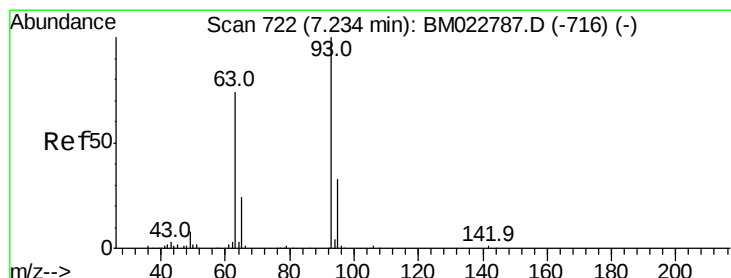
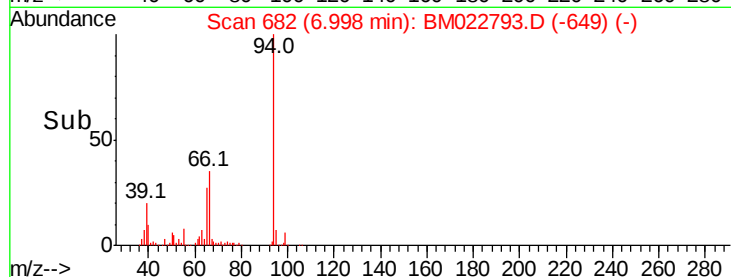
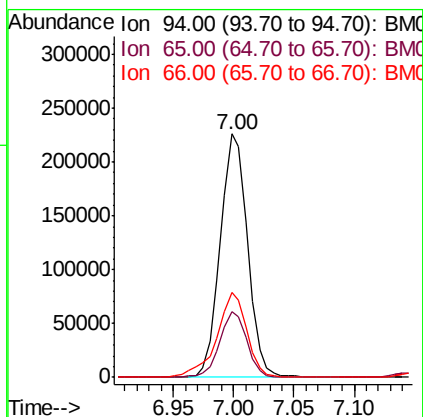
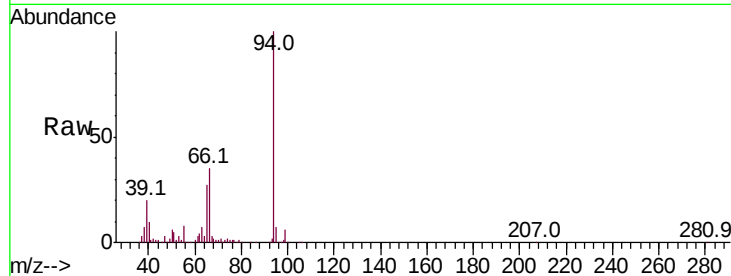
#6

Phenol

Concen: 18.953 ng/ul  
 RT: 7.00 min Scan# 682  
 Delta R.T. -0.01 min  
 Lab File: BM022793.D  
 Acq: 27 Sep 2019 19:12

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion: 94 Resp: 353719  
 Ion Ratio Lower Upper  
 94 100  
 65 26.8 20.9 31.3  
 66 35.1 27.2 40.8

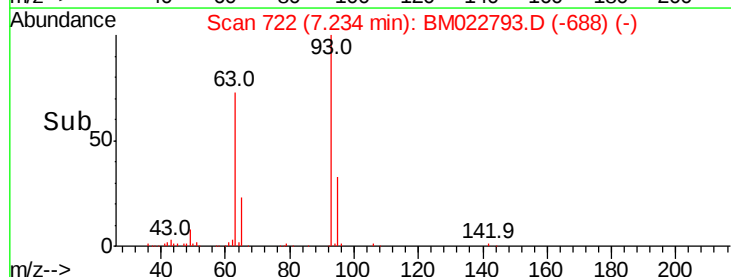
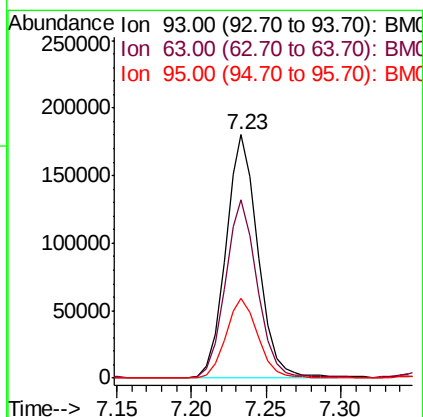
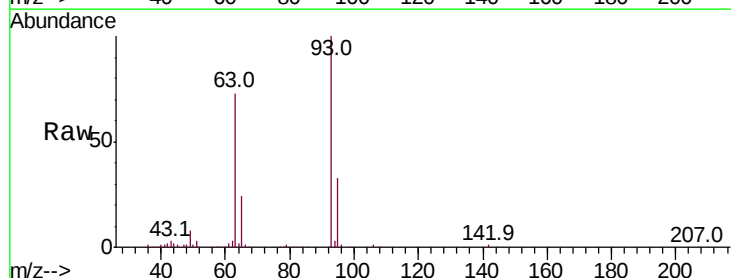


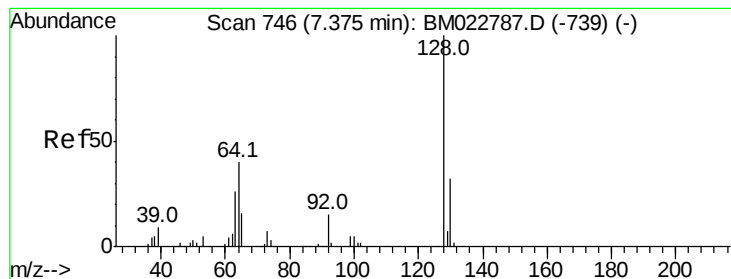
#8

Bis(2-Chloroethyl)ether

Concen: 19.287 ng/ul  
 RT: 7.23 min Scan# 722  
 Delta R.T. -0.00 min  
 Lab File: BM022793.D  
 Acq: 27 Sep 2019 19:12

Tgt Ion: 93 Resp: 272235  
 Ion Ratio Lower Upper  
 93 100  
 63 73.1 59.1 88.7  
 95 32.9 26.3 39.5





#10

2-Chlorophenol

Concen: 18.962 ng/ul

RT: 7.37 min Scan# 746

Delta R.T. -0.00 min

Lab File: BM022793.D

Acq: 27 Sep 2019 19:12

Instrument :

BNA\_M

ClientSampleId :

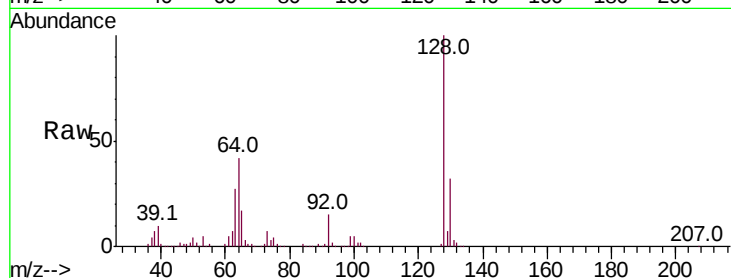
Tot Ion:128 Resp: 291605

Ion Ratio Lower Upper

128 100

64 42.4 34.1 51.1

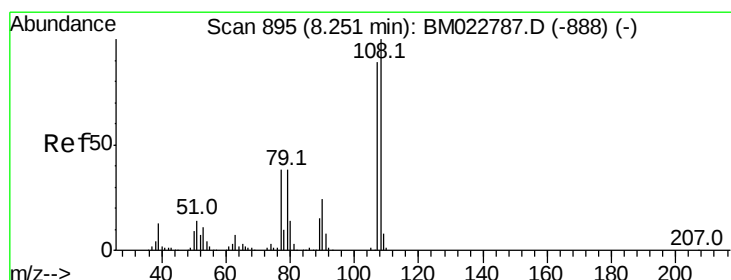
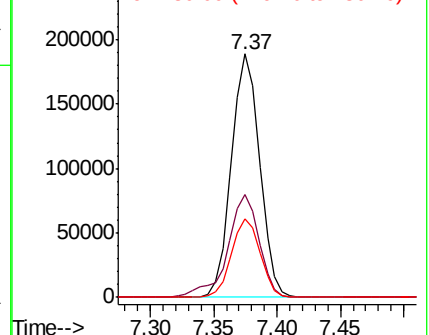
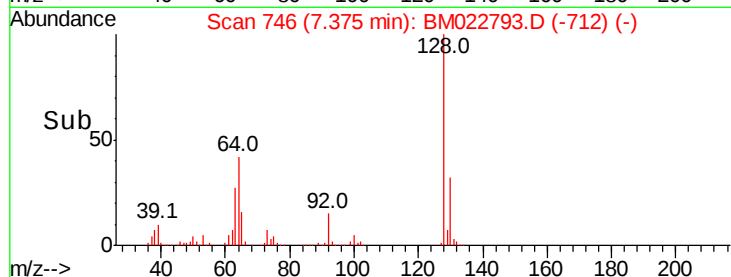
130 32.5 26.0 39.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 18.774 ng/ul

RT: 8.25 min Scan# 895

Delta R.T. -0.00 min

Lab File: BM022793.D

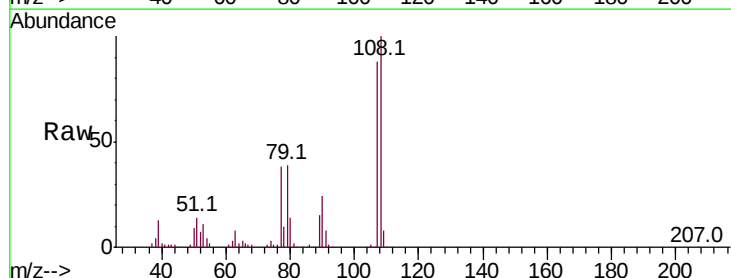
Acq: 27 Sep 2019 19:12

Tgt Ion:108 Resp: 270057

Ion Ratio Lower Upper

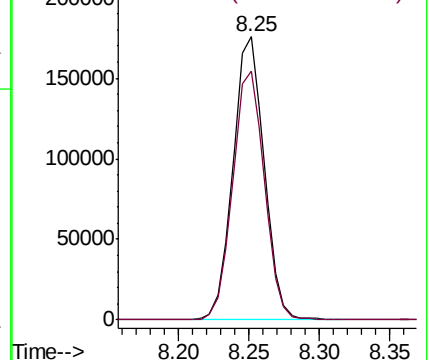
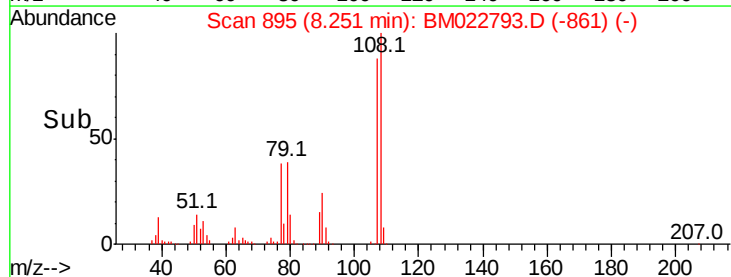
108 100

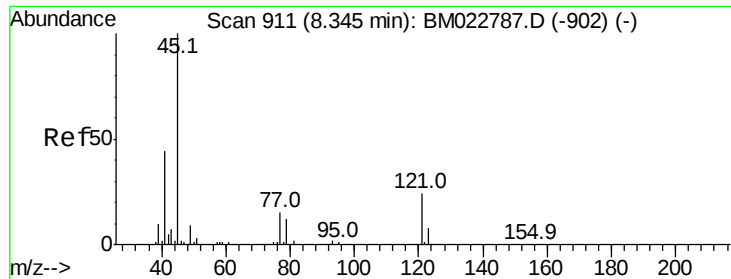
107 87.9 71.0 106.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

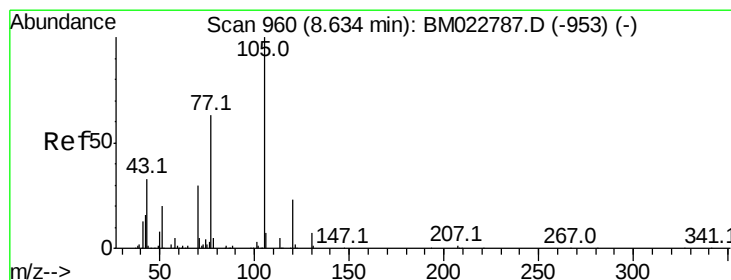
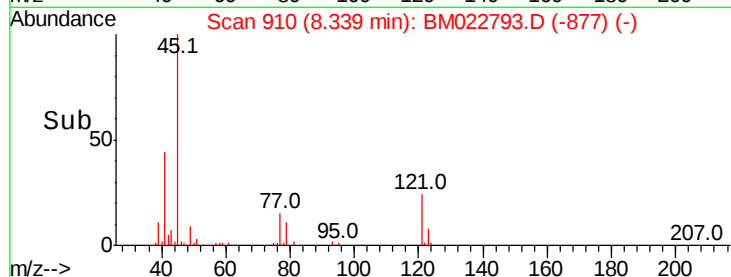
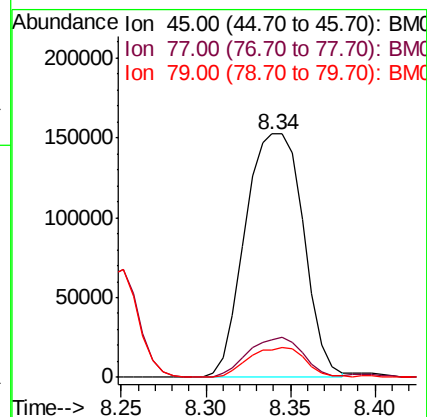
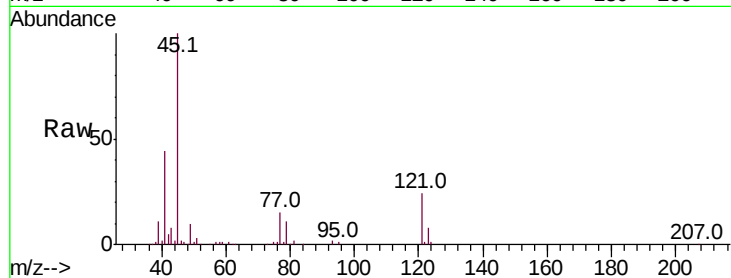




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 19.575 ng/ul  
RT: 8.34 min Scan# 910  
Delta R.T. -0.01 min  
Lab File: BM022793.D  
Acq: 27 Sep 2019 19:12

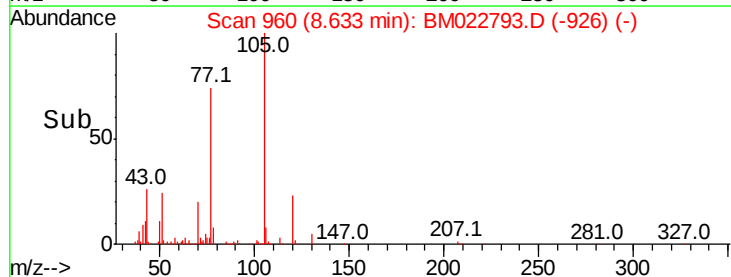
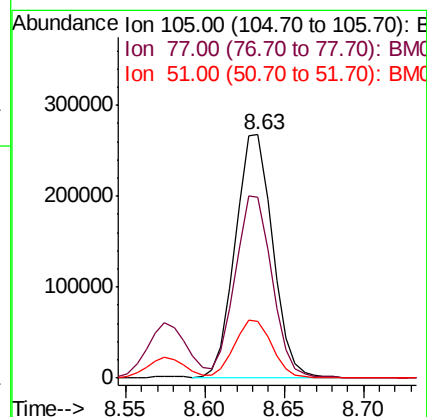
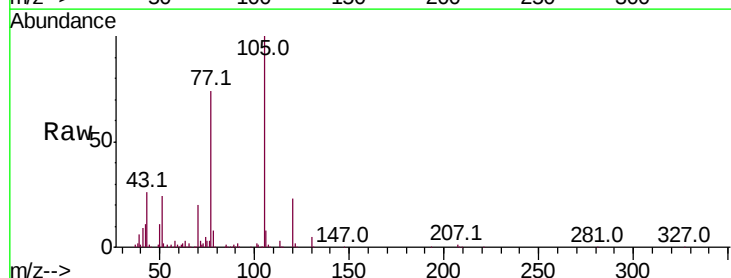
Instrument :  
BNA\_M  
ClientSampleId :

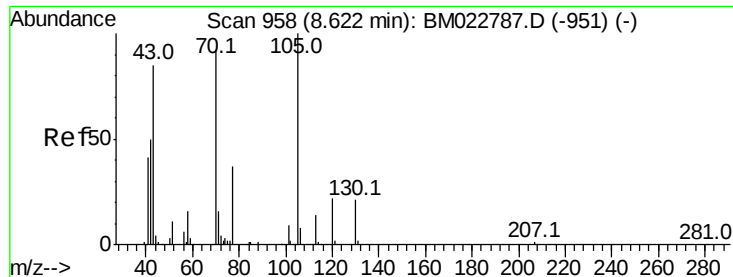
| Tot Ion   | 45    | Resp  | 365325 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 15.4  | 12.2  | 18.2   |
| 79        | 11.4  | 9.6   | 14.4   |



#14  
Acetophenone  
Concen: 19.599 ng/ul  
RT: 8.63 min Scan# 960  
Delta R.T. -0.00 min  
Lab File: BM022793.D  
Acq: 27 Sep 2019 19:12

| Tgt Ion   | 105   | Resp  | 436720 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 77        | 74.3  | 59.4  | 89.0   |
| 51        | 23.5  | 19.4  | 29.0   |





#15

N-Nitroso-di-n-propylamine

Concen: 19.522 ng/ul

RT: 8.62 min Scan# 958

Delta R.T. -0.00 min

Lab File: BM022793.D

Acq: 27 Sep 2019 19:12

Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 70 Resp: 223423

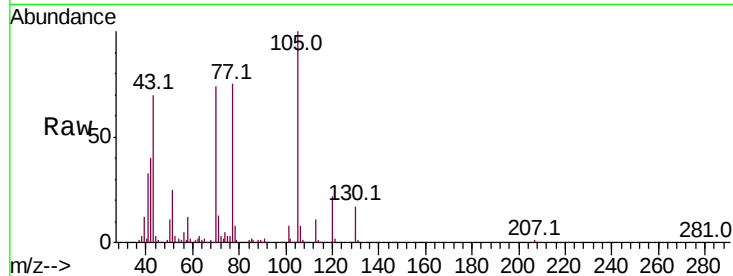
Ion Ratio Lower Upper

70 100

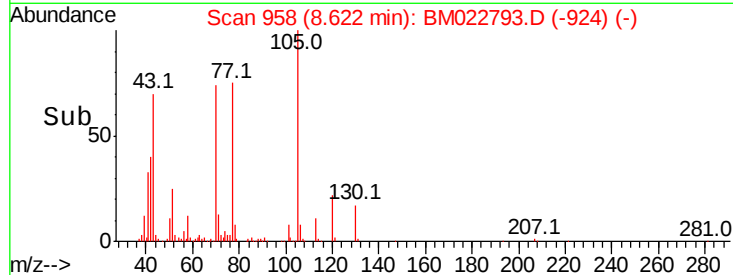
42 54.6 44.6 66.8

101 10.4 8.2 12.2

130 23.4 18.7 28.1



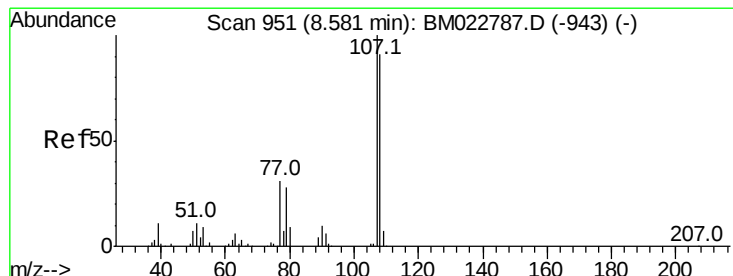
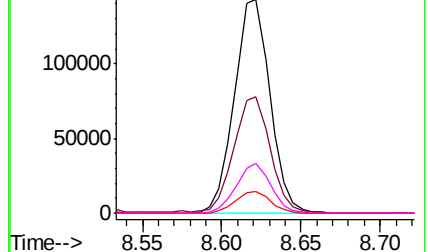
Abundance Ion 70.00 (69.70 to 70.70): BM022793.D (-924) (-)



Ion 42.00 (41.70 to 42.70): BM022793.D (-924) (-)

Ion 101.00 (100.70 to 101.70): BM022793.D (-924) (-)

Ion 130.00 (129.70 to 130.70): BM022793.D (-924) (-)



#16

4-Methylphenol

Concen: 19.062 ng/ul

RT: 8.57 min Scan# 950

Delta R.T. -0.01 min

Lab File: BM022793.D

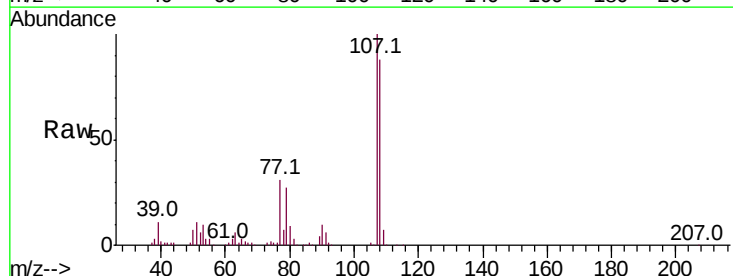
Acq: 27 Sep 2019 19:12

Tgt Ion: 108 Resp: 303175

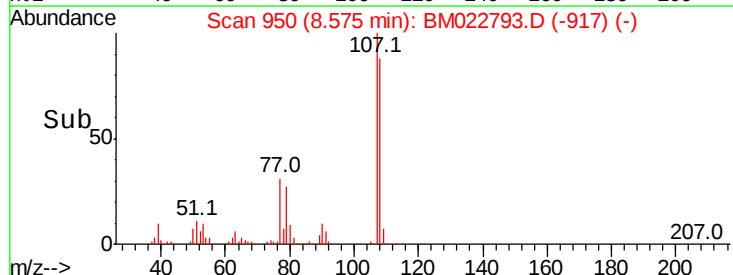
Ion Ratio Lower Upper

108 100

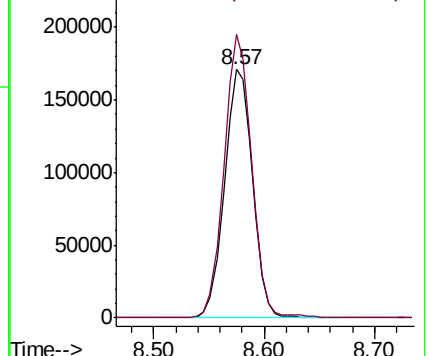
107 113.8 87.9 131.9

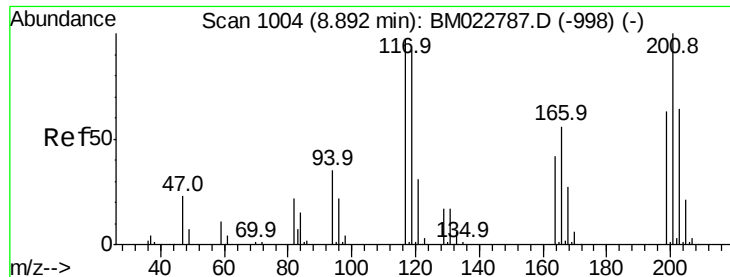


Abundance Ion 108.00 (107.70 to 108.70): BM022793.D (-917) (-)



Ion 107.00 (106.70 to 107.70): BM022793.D (-917) (-)

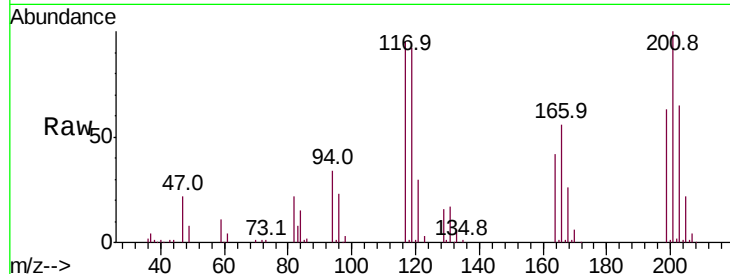




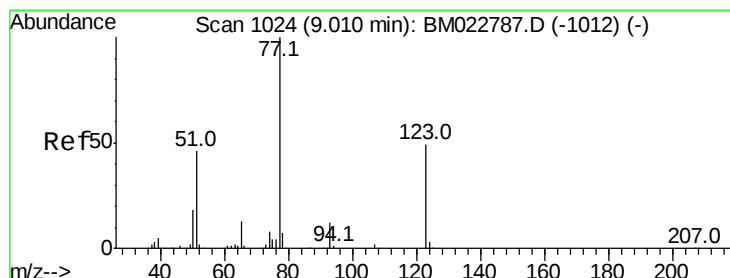
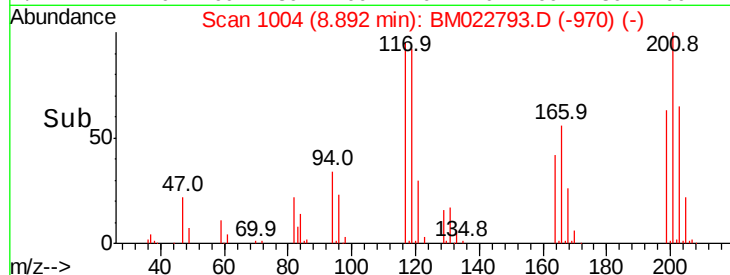
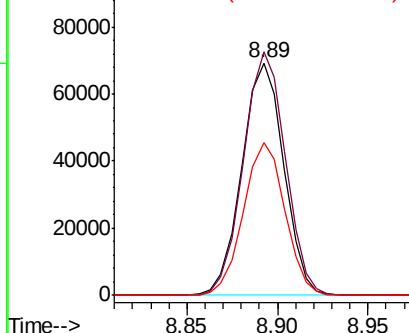
#17  
 Hexachloroethane  
 Concen: 19.078 ng/ul  
 RT: 8.89 min Scan# 1004  
 Delta R.T. -0.00 min  
 Lab File: BM022793.D  
 Acq: 27 Sep 2019 19:12

Instrument :  
 BNA\_M  
 ClientSampled :

Tot Ion:117 Resp: 111496  
 Ion Ratio Lower Upper  
 117 100  
 201 104.9 82.5 123.7  
 199 65.9 51.6 77.4

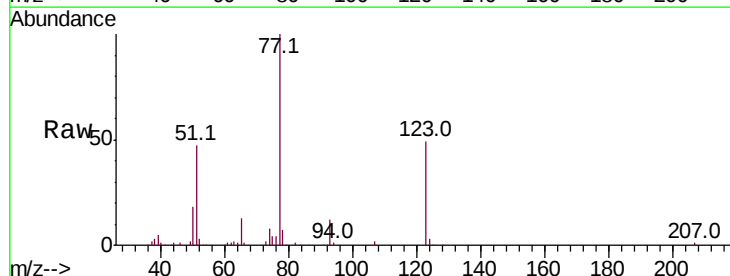


Abundance Ion 117.00 (116.70 to 117.70): E  
 Ion 201.00 (200.70 to 201.70): E  
 Ion 199.00 (198.70 to 199.70): E

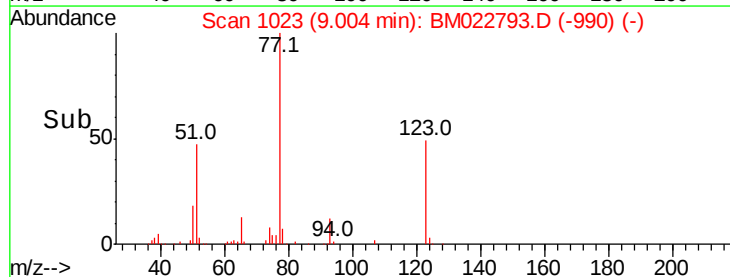
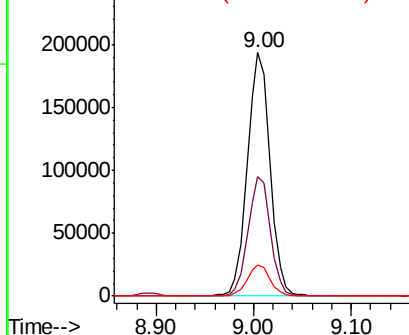


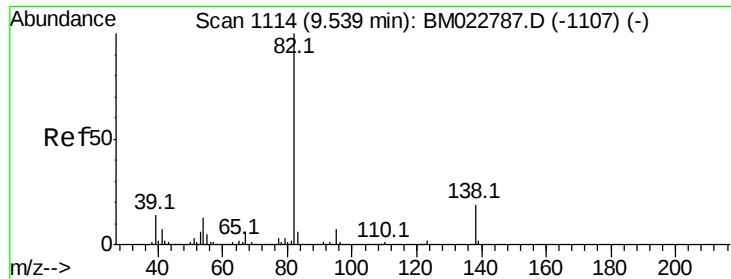
#20  
 Nitrobenzene  
 Concen: 19.014 ng/ul  
 RT: 9.00 min Scan# 1023  
 Delta R.T. -0.01 min  
 Lab File: BM022793.D  
 Acq: 27 Sep 2019 19:12

Tgt Ion: 77 Resp: 315971  
 Ion Ratio Lower Upper  
 77 100  
 123 49.0 38.9 58.3  
 65 12.6 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BM  
 Ion 123.00 (122.70 to 123.70): E  
 Ion 65.00 (64.70 to 65.70): BM

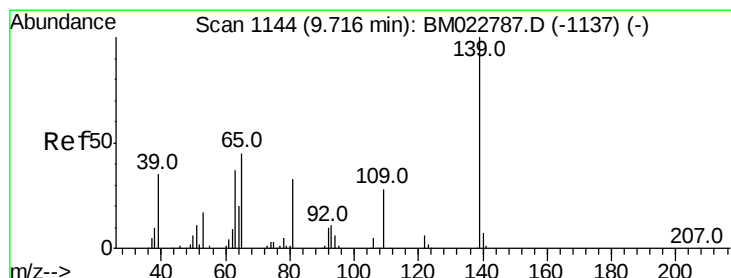
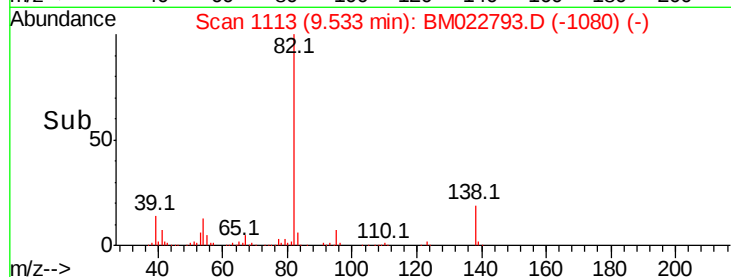
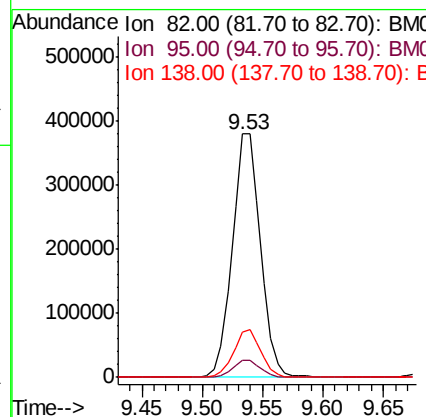
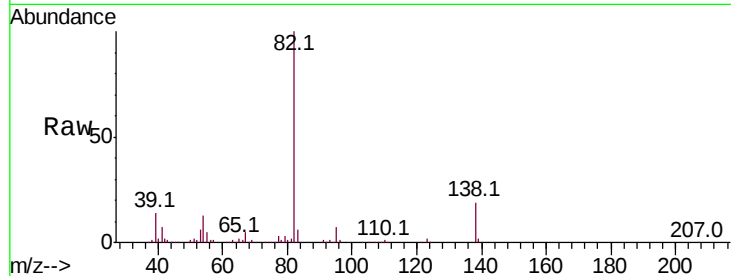




#21  
Isophorone  
Concen: 18.880 ng/ul  
RT: 9.53 min Scan# 1113  
Delta R.T. -0.01 min  
Lab File: BM022793.D  
Acq: 27 Sep 2019 19:12

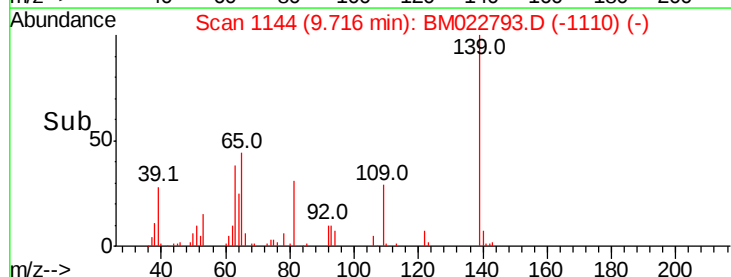
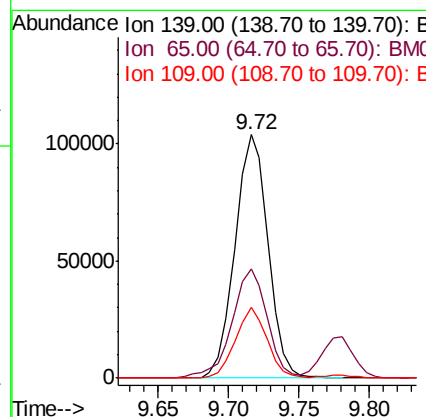
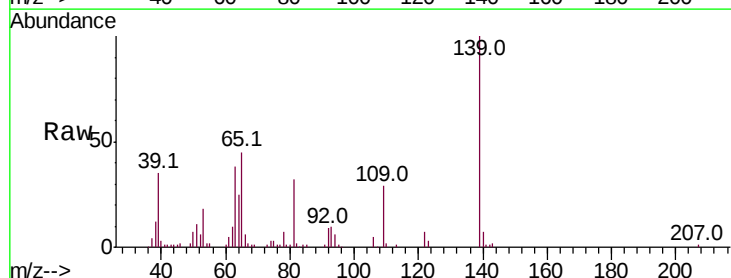
Instrument :  
BNA\_M  
ClientSampleId :

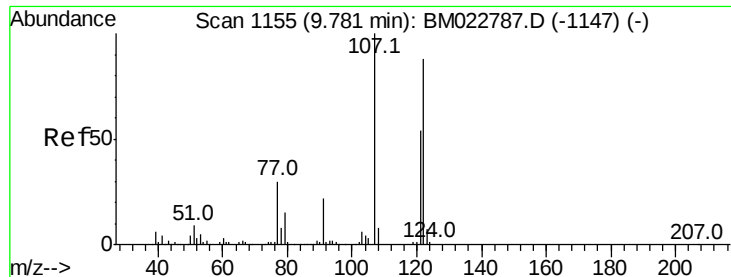
Tot Ion: 82 Resp: 618069  
Ion Ratio Lower Upper  
82 100  
95 6.7 5.6 8.4  
138 18.7 14.9 22.3



#23  
2-Nitrophenol  
Concen: 19.082 ng/ul  
RT: 9.72 min Scan# 1144  
Delta R.T. -0.00 min  
Lab File: BM022793.D  
Acq: 27 Sep 2019 19:12

Tgt Ion: 139 Resp: 169646  
Ion Ratio Lower Upper  
139 100  
65 44.8 37.2 55.8  
109 28.9 22.0 33.0





#24

2,4-Dimethylphenol

Concen: 18.990 ng/ul

RT: 9.78 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BM022793.D

Acq: 27 Sep 2019 19:12

Instrument :

BNA\_M

ClientSampleId :

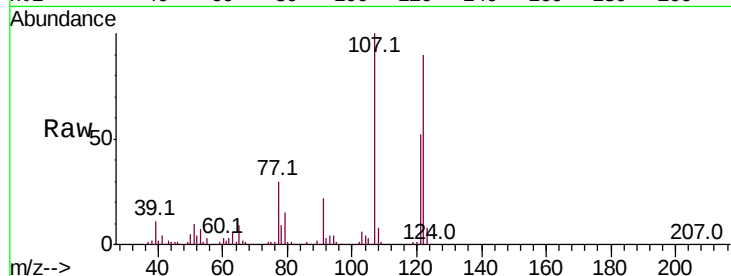
Tot Ion:107 Resp: 328709

Ion Ratio Lower Upper

107 100

121 52.4 43.0 64.4

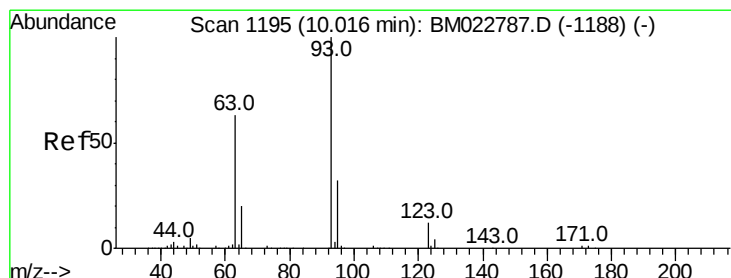
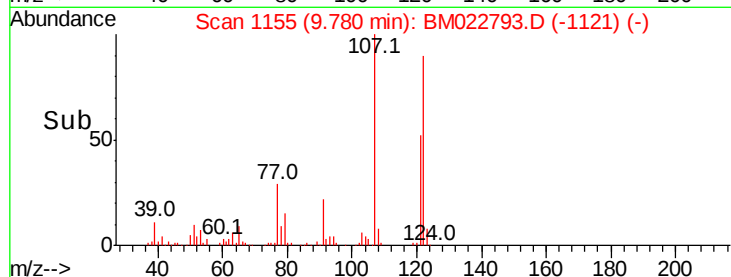
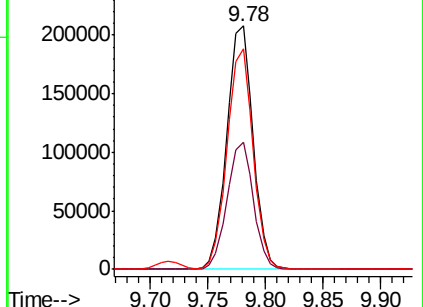
122 90.5 71.4 107.0



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: 18.860 ng/ul

RT: 10.02 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BM022793.D

Acq: 27 Sep 2019 19:12

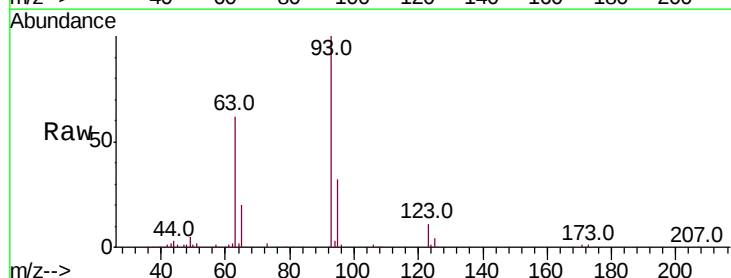
Tgt Ion: 93 Resp: 393768

Ion Ratio Lower Upper

93 100

95 32.2 25.7 38.5

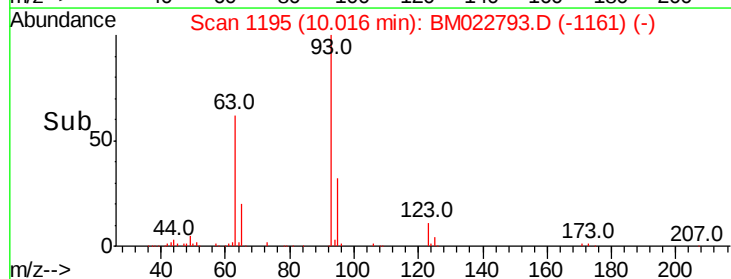
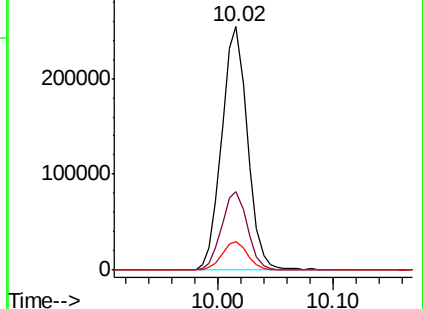
123 11.5 9.4 14.0

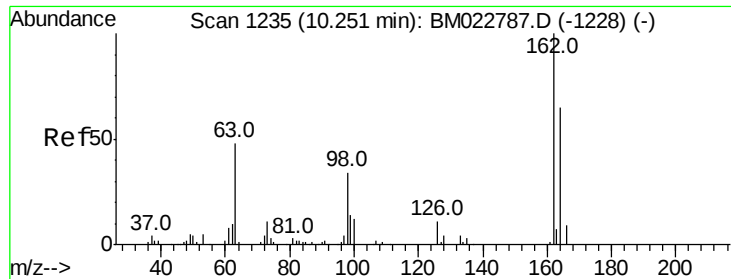


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

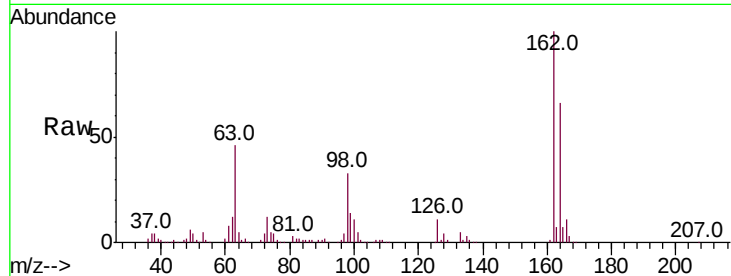




#27  
 2,4-Dichlorophenol  
 Concen: 18.914 ng/ul  
 RT: 10.25 min Scan# 1235  
 Delta R.T. -0.00 min  
 Lab File: BM022793.D  
 Acq: 27 Sep 2019 19:12

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.5  | 52.3  | 78.5  |
| 98      | 33.3  | 27.4  | 41.2  |

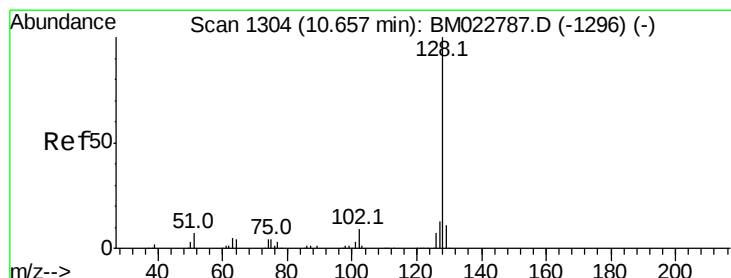
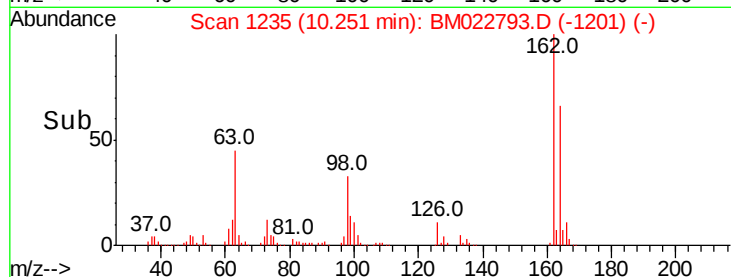
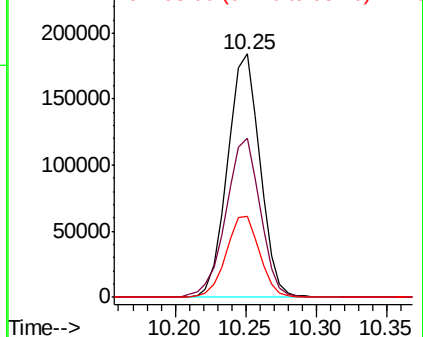


Abundance

Ion 162.00 (161.70 to 162.70): E

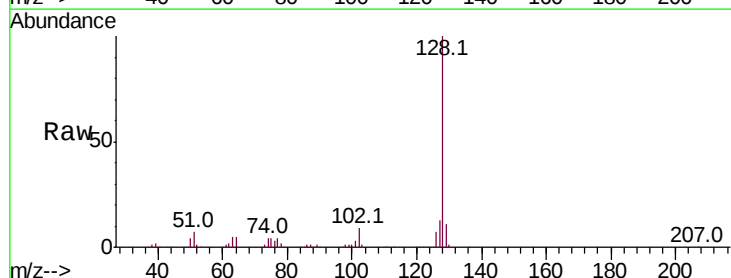
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#28  
 Naphthalene  
 Concen: 19.016 ng/ul  
 RT: 10.65 min Scan# 1303  
 Delta R.T. -0.01 min  
 Lab File: BM022793.D  
 Acq: 27 Sep 2019 19:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.0  | 8.6   | 13.0  |
| 127     | 12.9  | 10.2  | 15.4  |

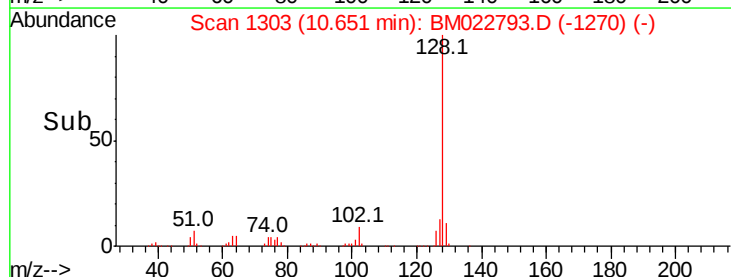
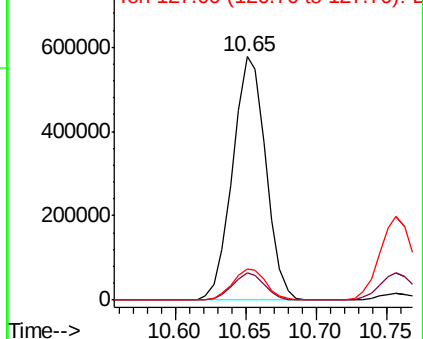


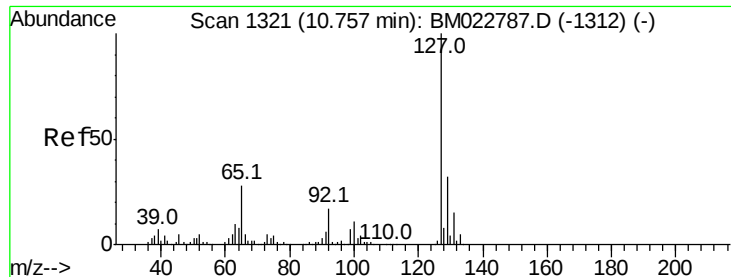
Abundance

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

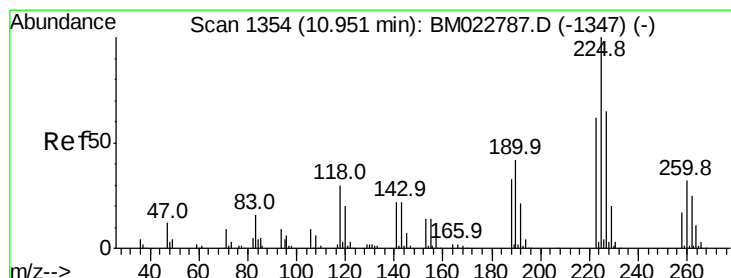
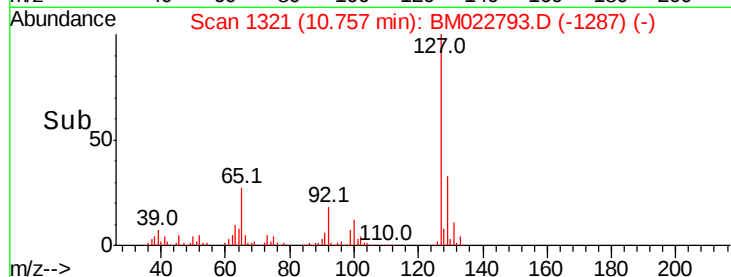
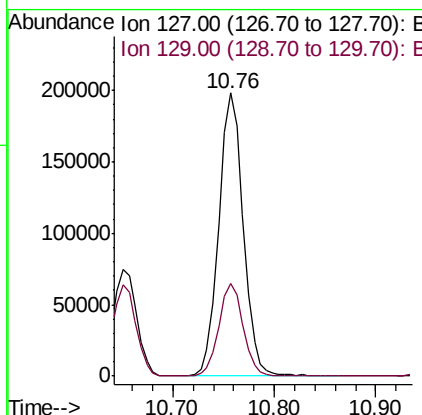
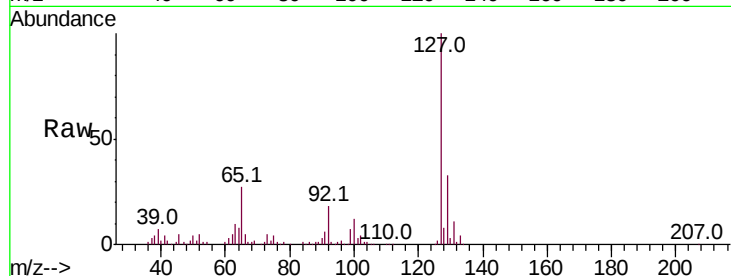




#30  
4-Chloroaniline  
Concen: 16.791 ng/ul  
RT: 10.76 min Scan# 1321  
Delta R.T. -0.00 min  
Lab File: BM022793.D  
Acq: 27 Sep 2019 19:12

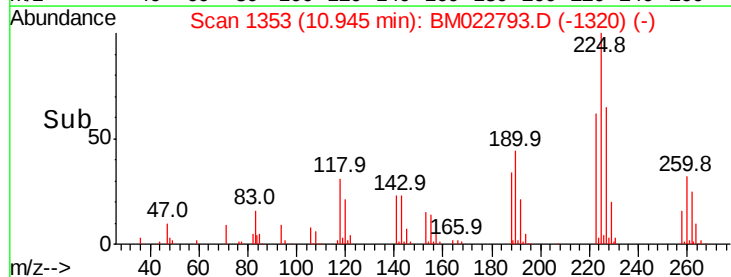
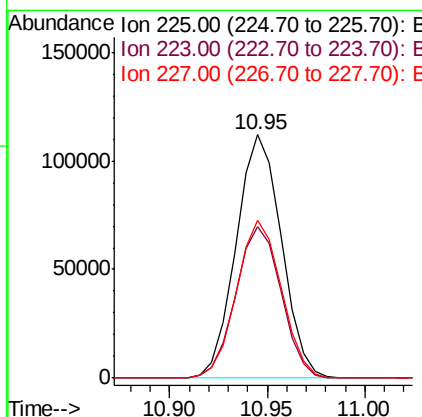
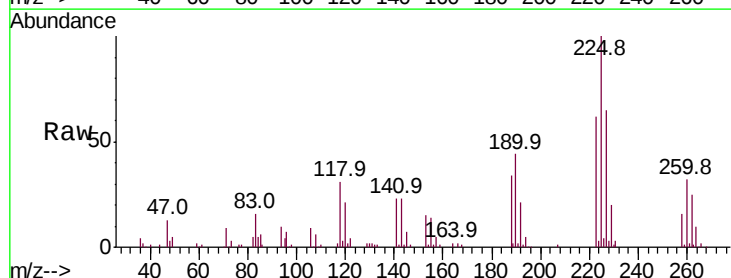
Instrument :  
BNA\_M  
ClientSampleId :

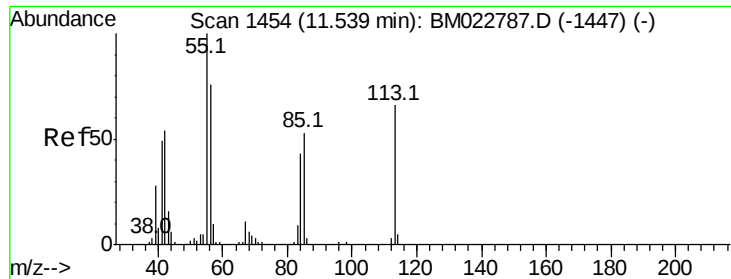
Tot Ion:127 Resp: 332510  
Ion Ratio Lower Upper  
127 100  
129 32.6 26.0 39.0



#31  
Hexachlorobutadiene  
Concen: 18.974 ng/ul  
RT: 10.95 min Scan# 1353  
Delta R.T. -0.01 min  
Lab File: BM022793.D  
Acq: 27 Sep 2019 19:12

Tgt Ion:225 Resp: 179833  
Ion Ratio Lower Upper  
225 100  
223 62.1 49.7 74.5  
227 64.7 51.7 77.5

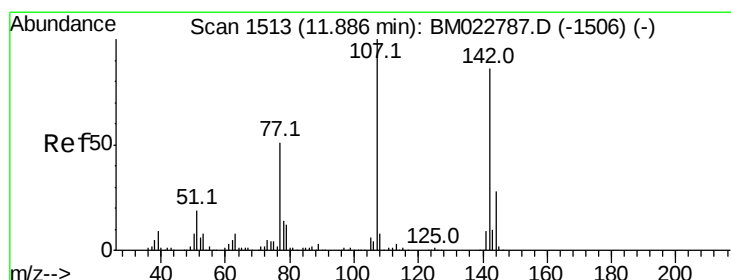
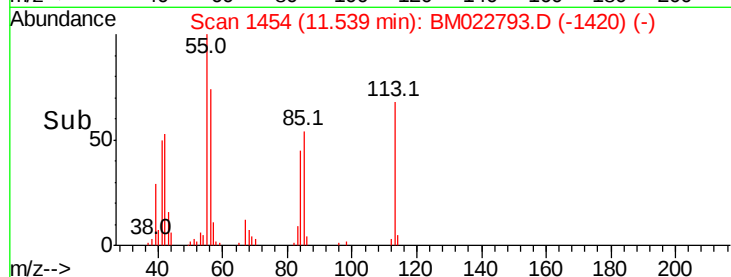
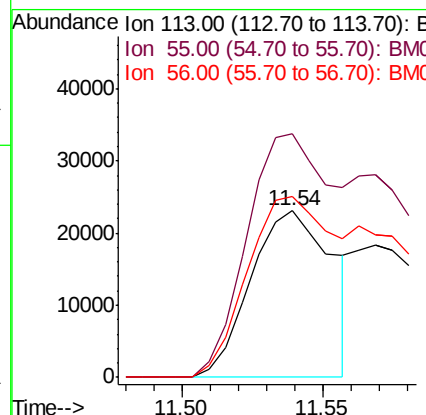
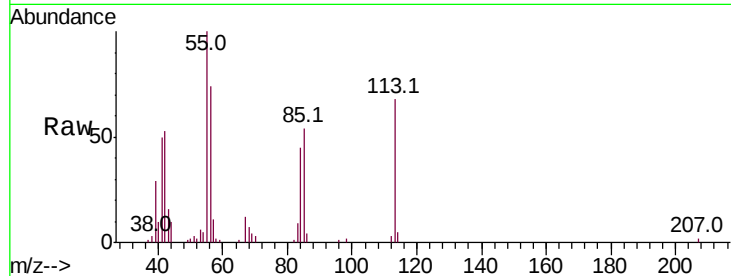




#32  
 Caprolactam  
 Concen: 9.152 ng/ul  
 RT: 11.54 min Scan# 1454  
 Delta R.T. -0.00 min  
 Lab File: BM022793.D  
 Acq: 27 Sep 2019 19:12

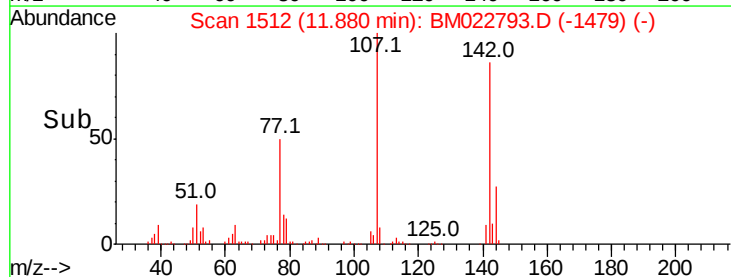
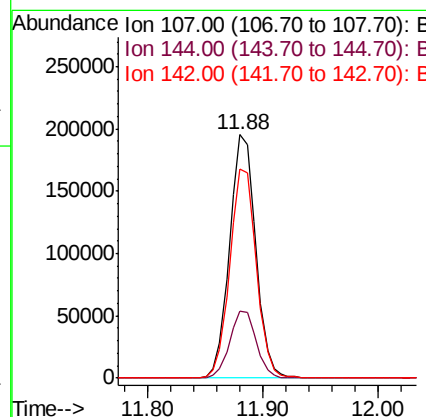
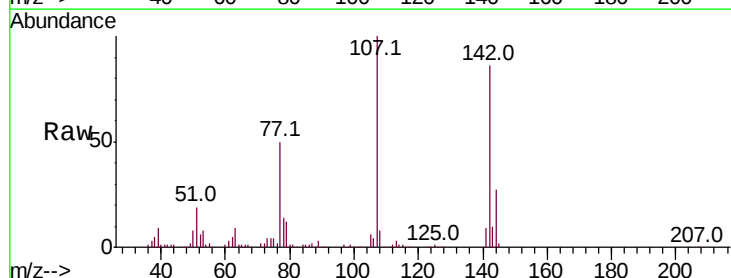
Instrument :  
 BNA\_M  
 ClientSampled :

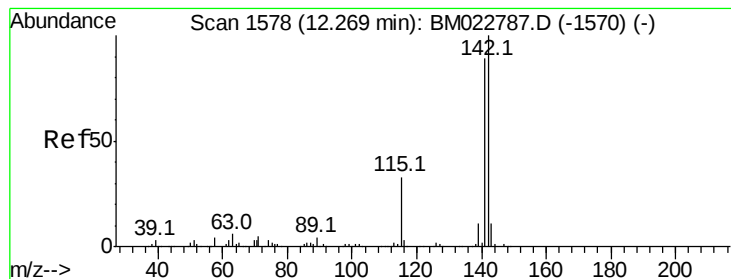
Tot Ion:113 Resp: 46418  
 Ion Ratio Lower Upper  
 113 100  
 55 146.0 120.6 180.8  
 56 108.7 91.4 137.2



#33  
 4-Chloro-3-methylphenol  
 Concen: 19.042 ng/ul  
 RT: 11.88 min Scan# 1512  
 Delta R.T. -0.01 min  
 Lab File: BM022793.D  
 Acq: 27 Sep 2019 19:12

Tgt Ion:107 Resp: 307095  
 Ion Ratio Lower Upper  
 107 100  
 144 27.3 22.5 33.7  
 142 85.7 68.9 103.3





#34

2-Methylnaphthalene

Concen: 19.055 ng/ul

RT: 12.26 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BM022793.D

Acq: 27 Sep 2019 19:12

Instrument :

BNA\_M

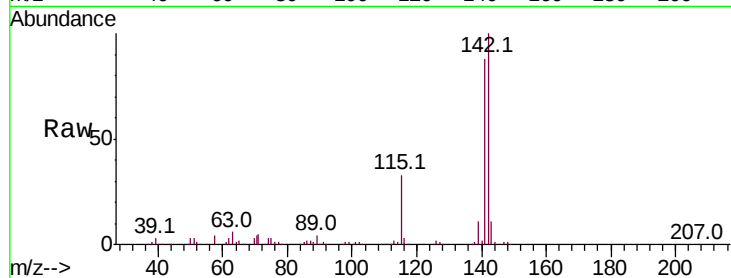
ClientSampleId :

Tot Ion:142 Resp: 711674

Ion Ratio Lower Upper

142 100

141 87.7 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.26

500000

400000

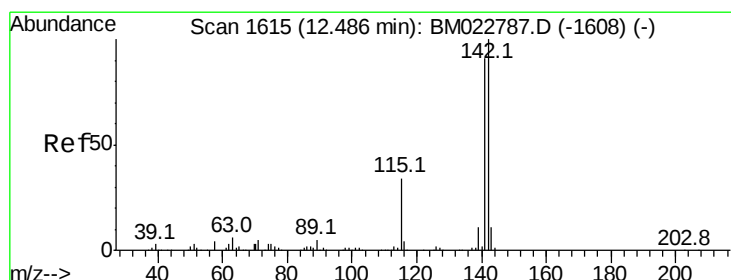
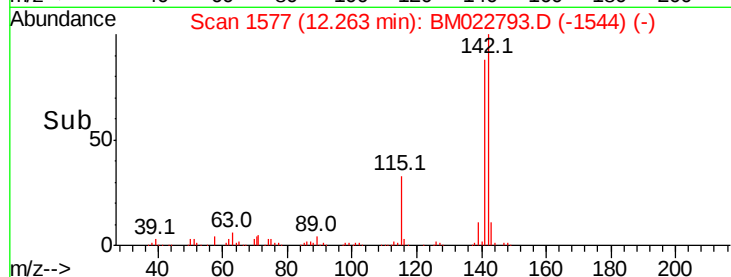
300000

200000

100000

0

Time--> 12.20 12.25 12.30 12.35



#35

1-Methylnaphthalene

Concen: 18.946 ng/ul

RT: 12.49 min Scan# 1615

Delta R.T. -0.00 min

Lab File: BM022793.D

Acq: 27 Sep 2019 19:12

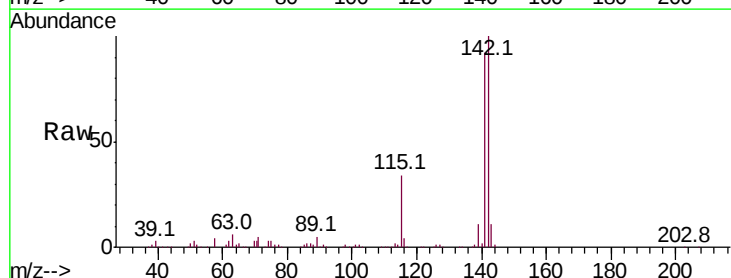
Tgt Ion:142 Resp: 675813

Ion Ratio Lower Upper

142 100

141 91.9 73.0 109.6

116 3.5 2.9 4.3



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

12.49

600000

500000

400000

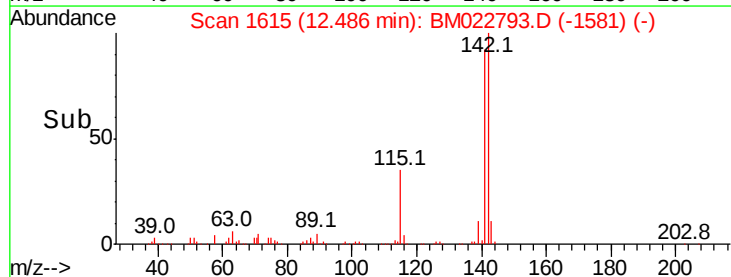
300000

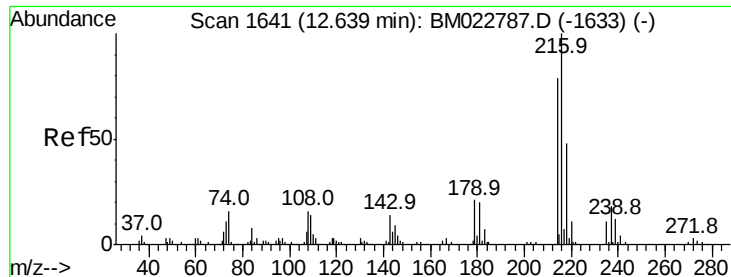
200000

100000

0

Time--> 12.40 12.45 12.50 12.55

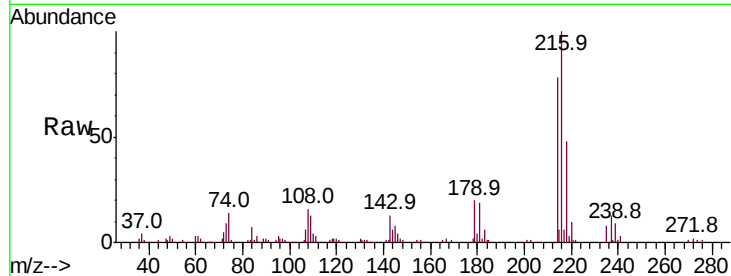




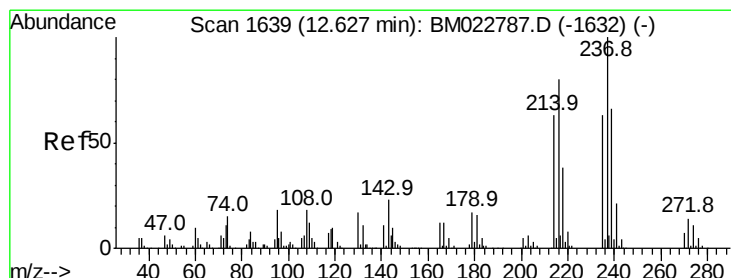
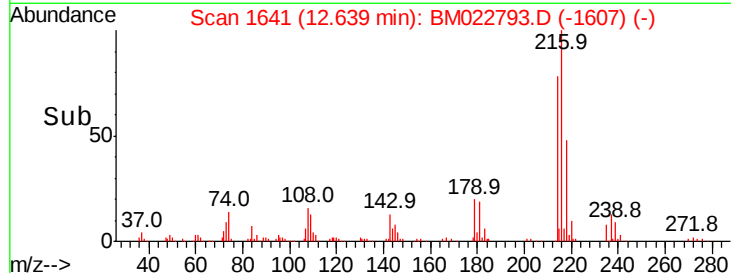
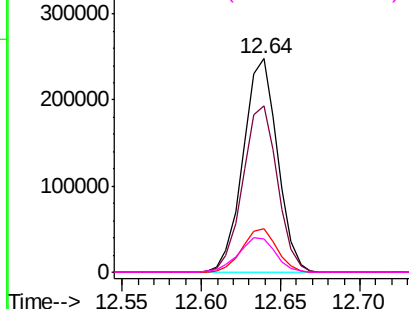
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 19.046 ng/ul  
 RT: 12.64 min Scan# 1641  
 Delta R.T. -0.00 min  
 Lab File: BM022793.D  
 Acq: 27 Sep 2019 19:12

Instrument :  
 BNA\_M  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 373773 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 77.9  | 63.4  | 95.0   |
| 179      | 20.2  | 16.5  | 24.7   |
| 108      | 15.6  | 13.0  | 19.6   |

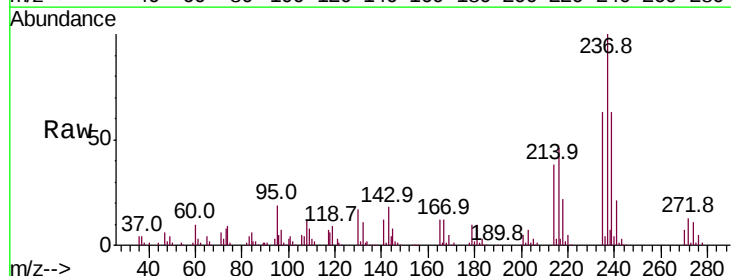


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

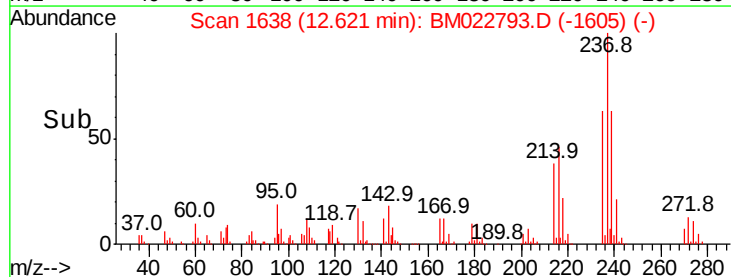
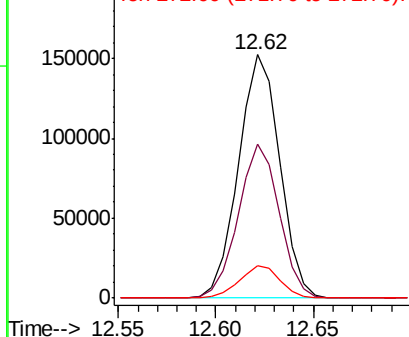


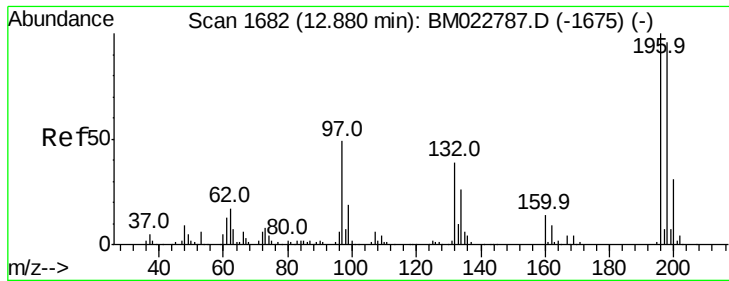
#38  
 Hexachlorocyclopentadiene  
 Concen: 18.147 ng/ul  
 RT: 12.62 min Scan# 1638  
 Delta R.T. -0.01 min  
 Lab File: BM022793.D  
 Acq: 27 Sep 2019 19:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 223214 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 63.1  | 50.4  | 75.6   |
| 272      | 13.1  | 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

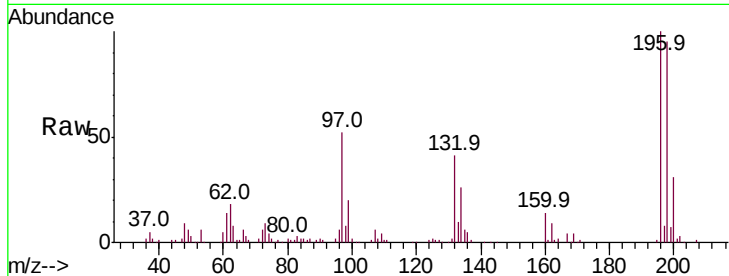




#39  
 2,4,6-Trichlorophenol  
 Concen: 18.822 ng/ul  
 RT: 12.87 min Scan# 1681  
 Delta R.T. -0.01 min  
 Lab File: BM022793.D  
 Acq: 27 Sep 2019 19:12

Instrument :  
 BNA\_M  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.0  | 76.5  | 114.7 |
| 200     | 30.6  | 25.0  | 37.6  |

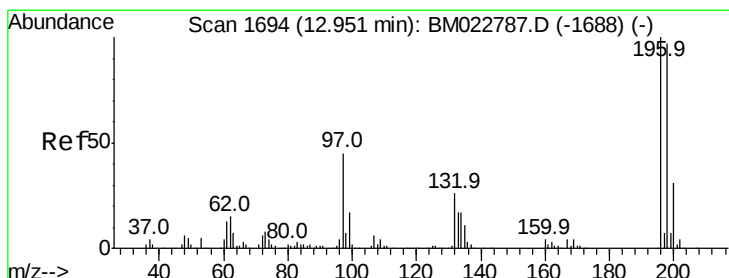
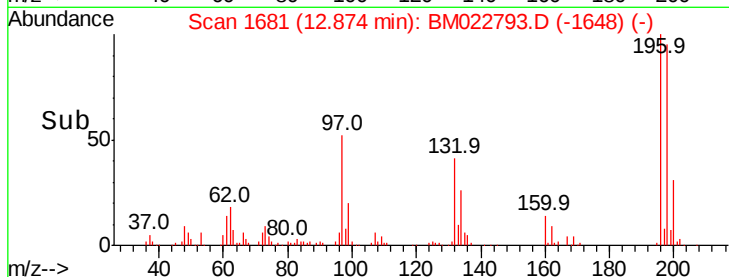
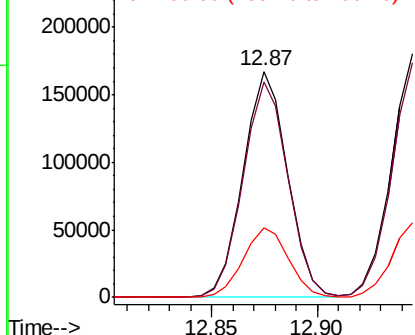


Abundance

Ion 196.00 (195.70 to 196.70): E

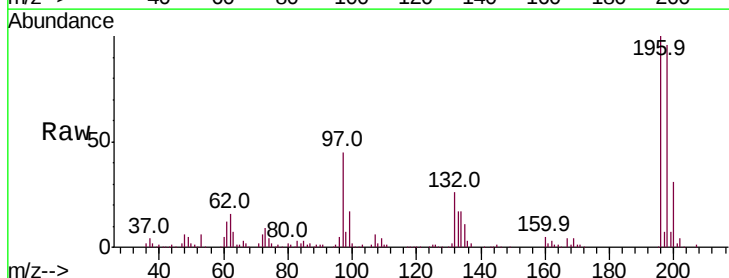
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#40  
 2,4,5-Trichlorophenol  
 Concen: 18.789 ng/ul  
 RT: 12.94 min Scan# 1693  
 Delta R.T. -0.01 min  
 Lab File: BM022793.D  
 Acq: 27 Sep 2019 19:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.3  | 77.8  | 116.6 |
| 200     | 30.8  | 25.1  | 37.7  |

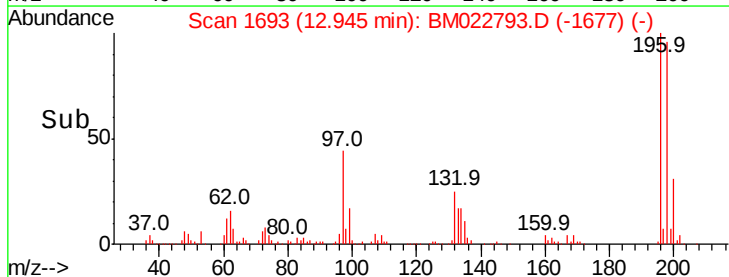
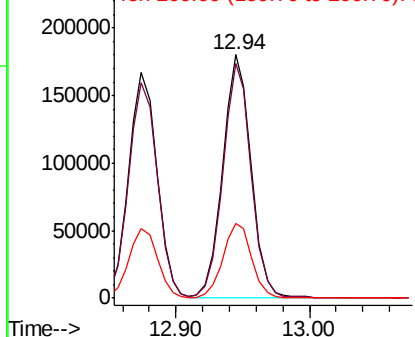


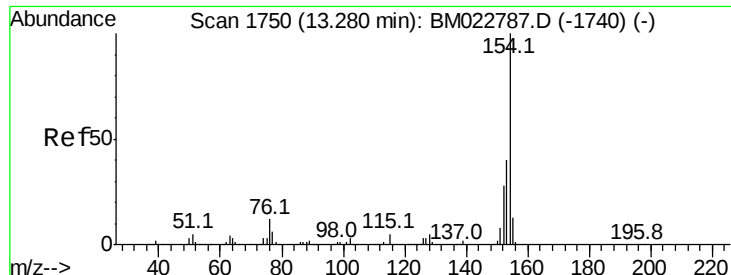
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

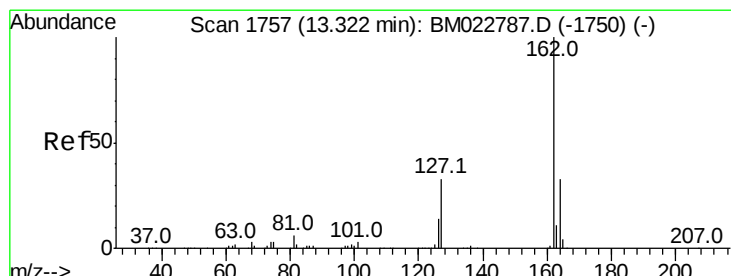
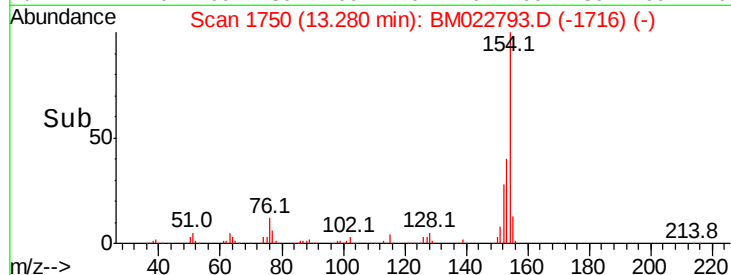
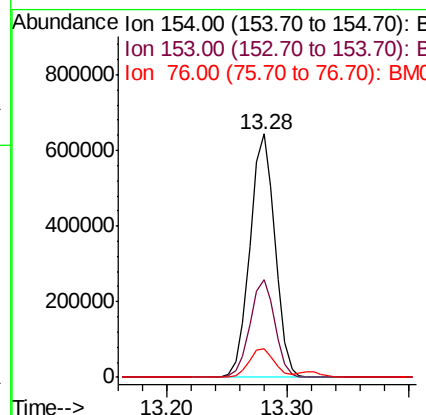
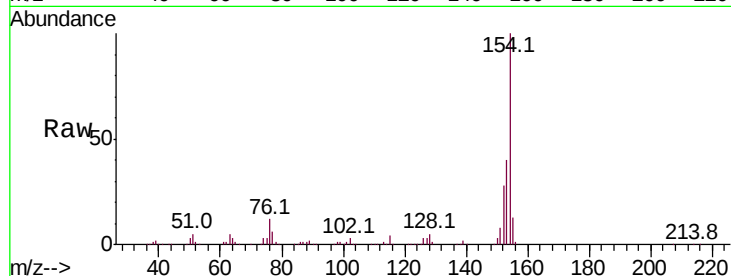




#41  
 1,1'-Biphenyl  
 Concen: 19.017 ng/ul  
 RT: 13.28 min Scan# 1750  
 Delta R.T. -0.00 min  
 Lab File: BM022793.D  
 Acq: 27 Sep 2019 19:12

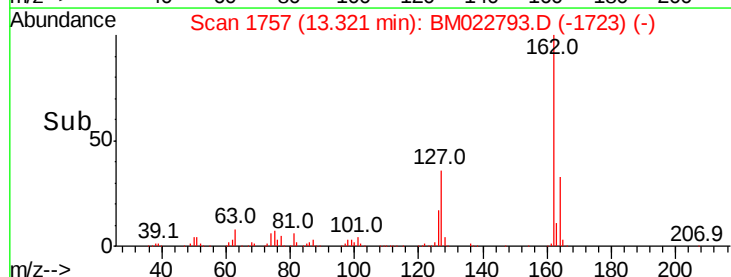
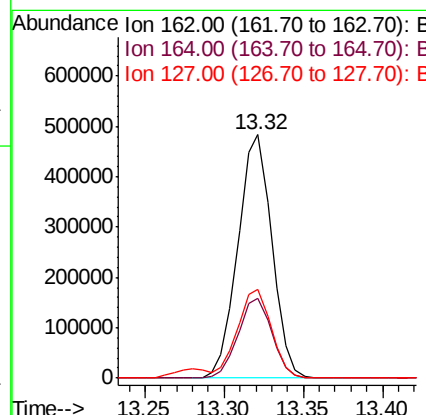
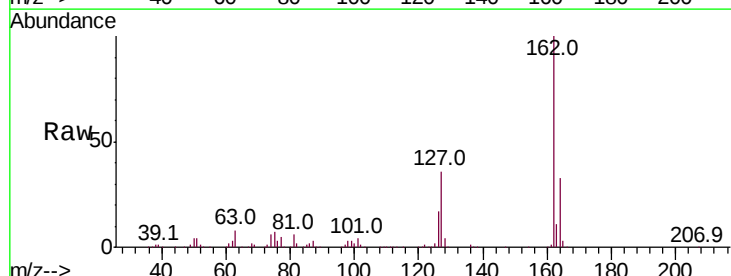
Instrument :  
 BNA\_M  
 ClientSampleId :

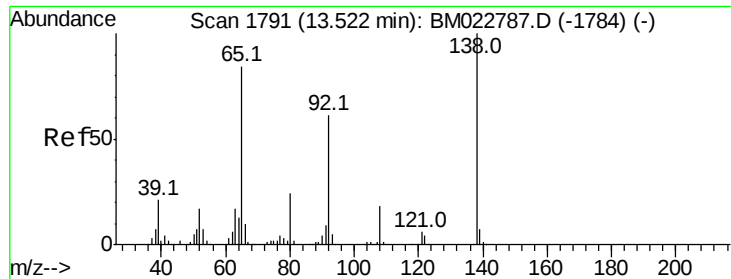
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.1  | 31.8  | 47.6  |
| 76      | 12.0  | 9.6   | 14.4  |



#42  
 2-Chloronaphthalene  
 Concen: 19.174 ng/ul  
 RT: 13.32 min Scan# 1757  
 Delta R.T. -0.00 min  
 Lab File: BM022793.D  
 Acq: 27 Sep 2019 19:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 32.6  | 26.5  | 39.7  |
| 127     | 36.5  | 29.7  | 44.5  |

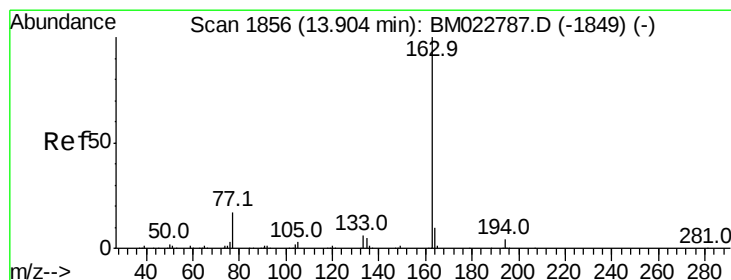
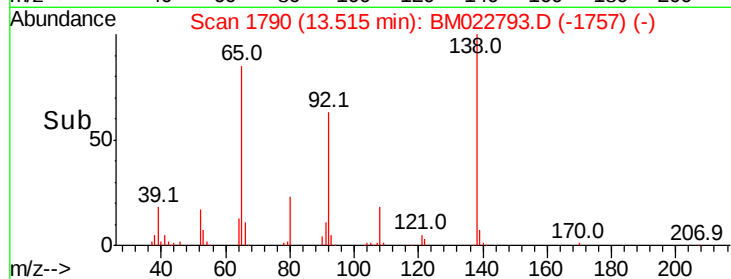
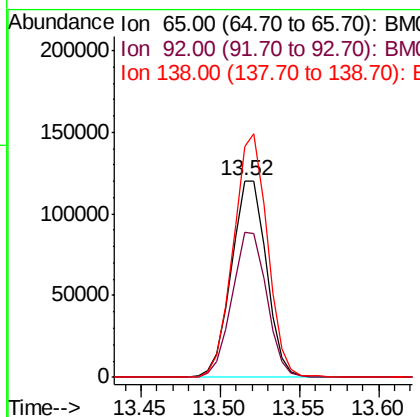
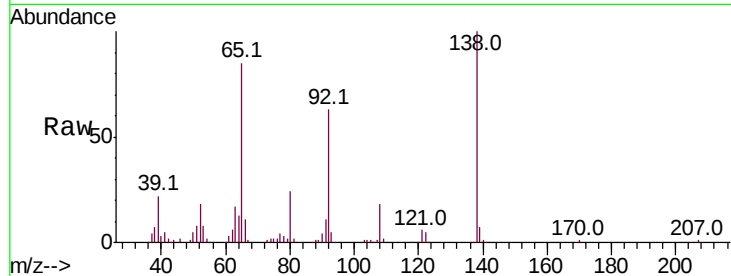




#43  
2-Nitroaniline  
Concen: 19.020 ng/ul  
RT: 13.52 min Scan# 1790  
Delta R.T. -0.01 min  
Lab File: BM022793.D  
Acq: 27 Sep 2019 19:12

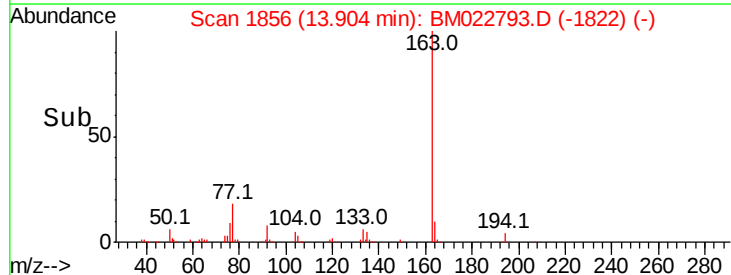
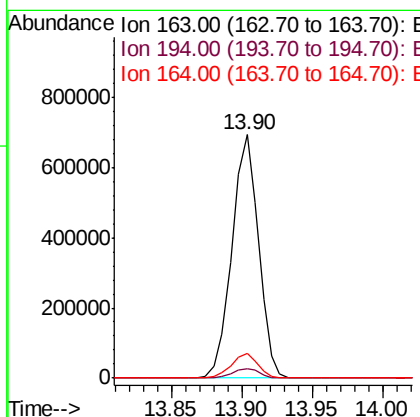
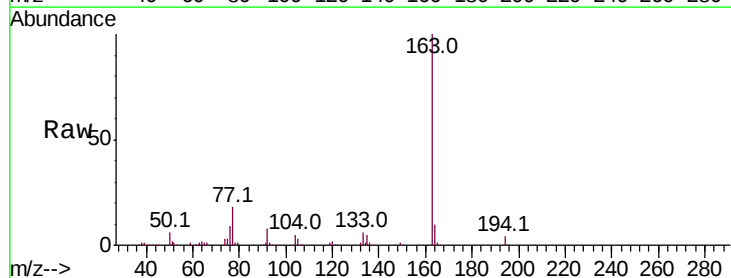
Instrument :  
BNA\_M  
ClientSampleId :

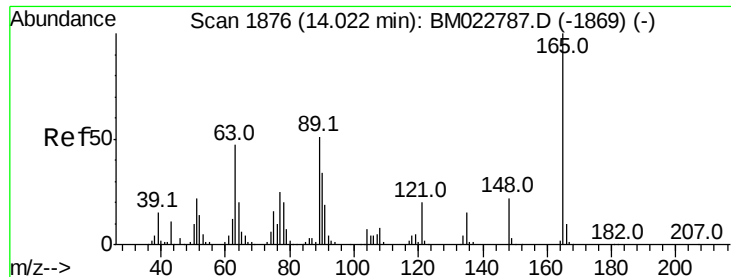
Tot Ion: 65 Resp: 184692  
Ion Ratio Lower Upper  
65 100  
92 74.1 58.4 87.6  
138 117.8 95.6 143.4



#45  
Dimethylphthalate  
Concen: 19.072 ng/ul  
RT: 13.90 min Scan# 1856  
Delta R.T. -0.00 min  
Lab File: BM022793.D  
Acq: 27 Sep 2019 19:12

Tgt Ion: 163 Resp: 909549  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.4 5.0  
164 9.9 8.1 12.1

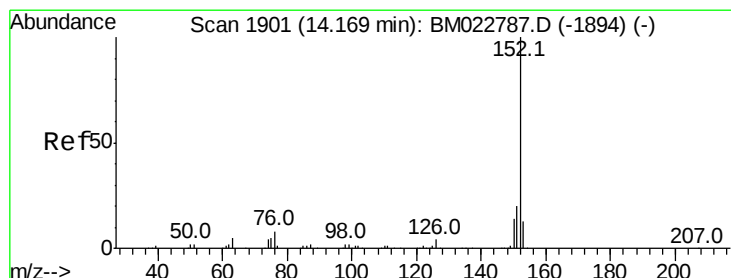
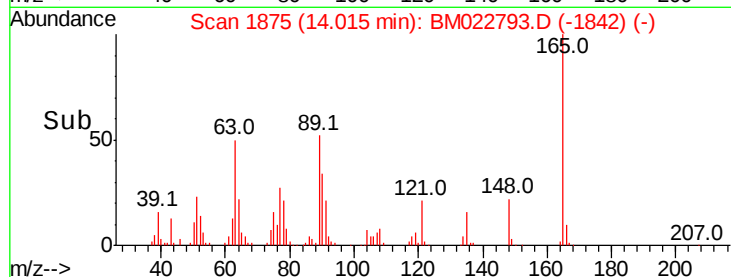
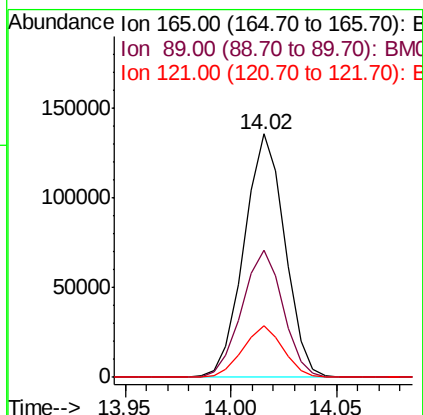
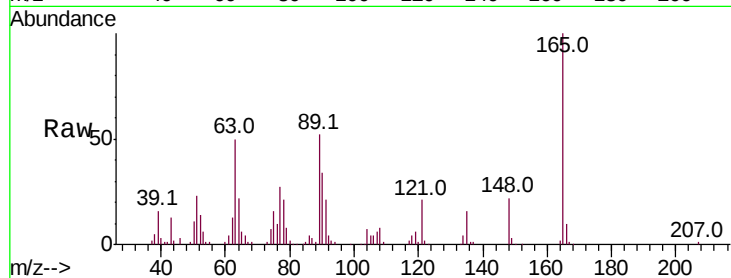




#46  
2,6-Dinitrotoluene  
Concen: 19.089 ng/ul  
RT: 14.02 min Scan# 1875  
Delta R.T. -0.01 min  
Lab File: BM022793.D  
Acq: 27 Sep 2019 19:12

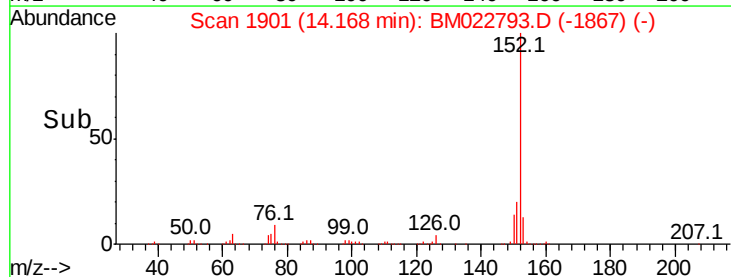
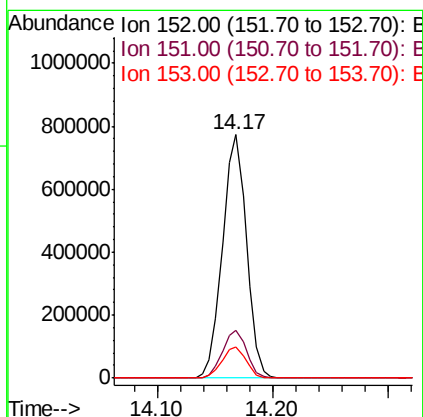
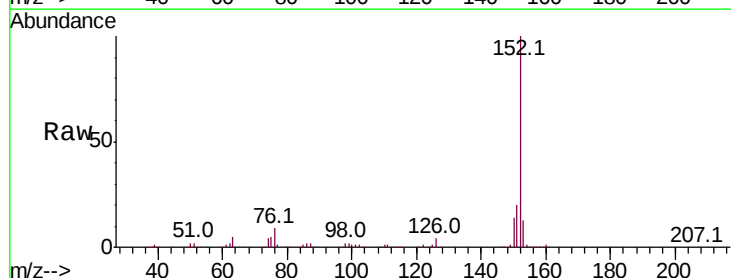
Instrument :  
BNA\_M  
ClientSampleId :

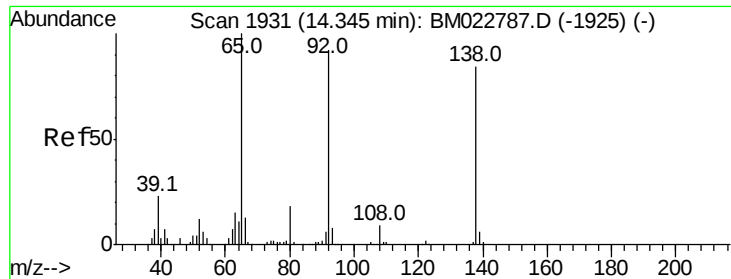
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 52.1  | 41.0  | 61.4  |
| 121     | 21.3  | 16.1  | 24.1  |



#48  
Acenaphthylene  
Concen: 19.222 ng/ul  
RT: 14.17 min Scan# 1901  
Delta R.T. -0.00 min  
Lab File: BM022793.D  
Acq: 27 Sep 2019 19:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.8  | 16.0  | 24.0  |
| 153     | 13.0  | 10.6  | 16.0  |

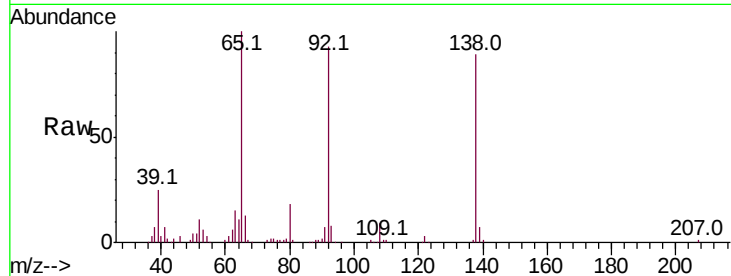




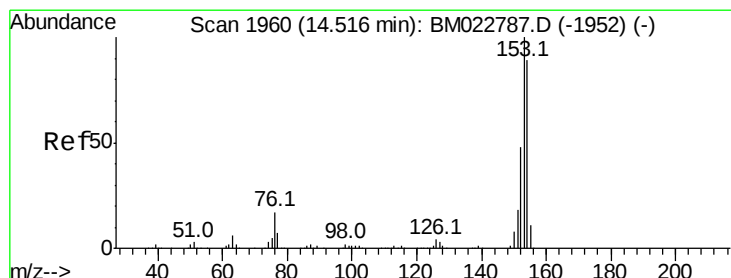
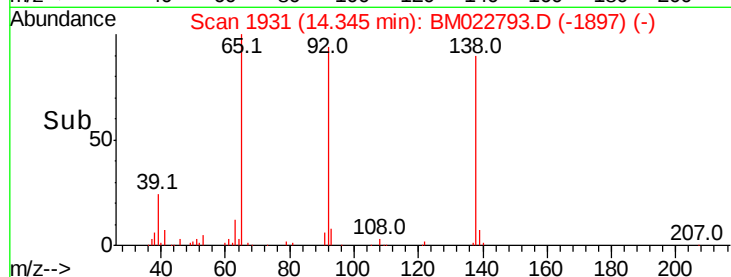
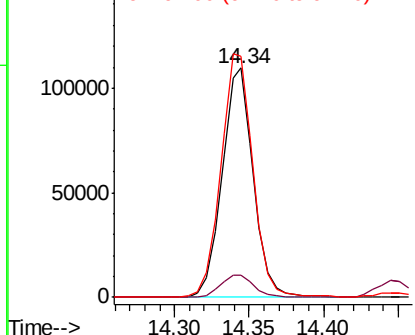
#49  
3-Nitroaniline  
Concen: 17.387 ng/ul  
RT: 14.34 min Scan# 1931  
Delta R.T. -0.00 min  
Lab File: BM022793.D  
Acq: 27 Sep 2019 19:12

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.6   | 8.2   | 12.2  |
| 92      | 105.2 | 87.4  | 131.2 |

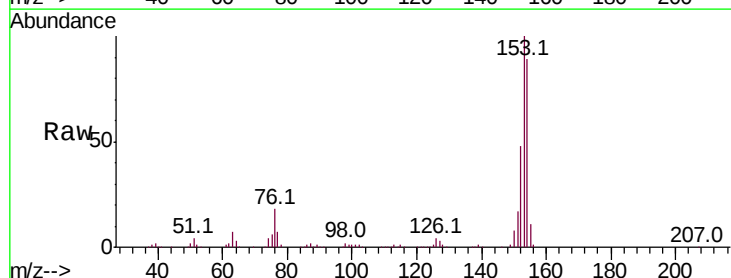


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BM

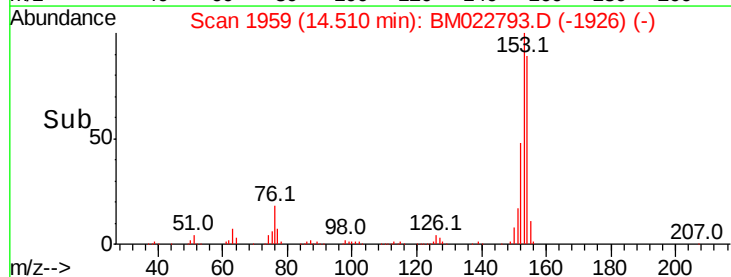
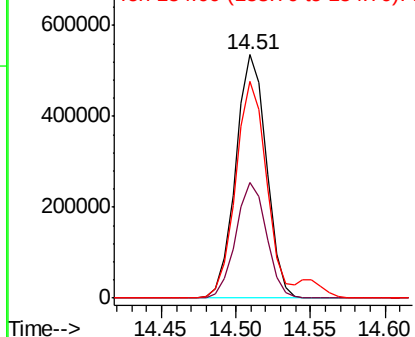


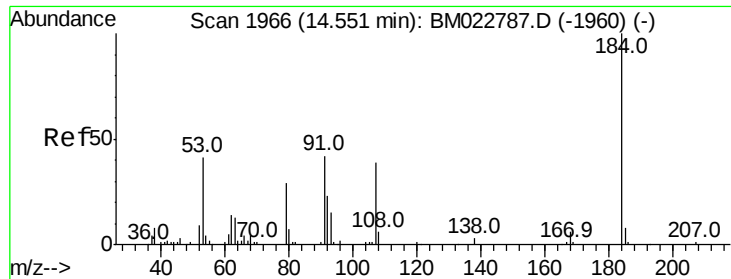
#50  
Acenaphthene  
Concen: 19.079 ng/ul  
RT: 14.51 min Scan# 1959  
Delta R.T. -0.01 min  
Lab File: BM022793.D  
Acq: 27 Sep 2019 19:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 153     | 100   |       |       |
| 152     | 47.7  | 38.1  | 57.1  |
| 154     | 89.0  | 71.1  | 106.7 |



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

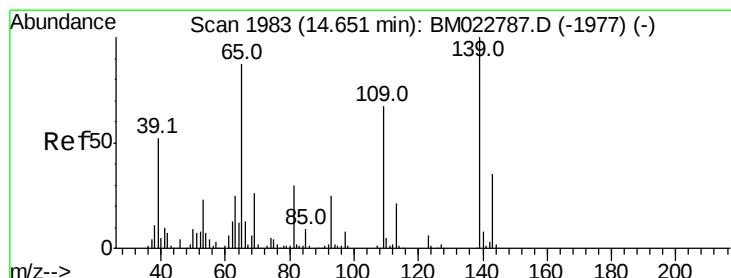
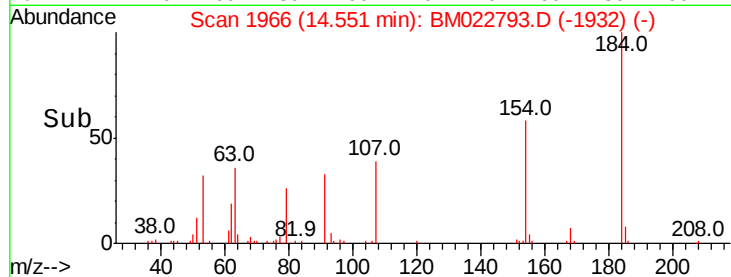
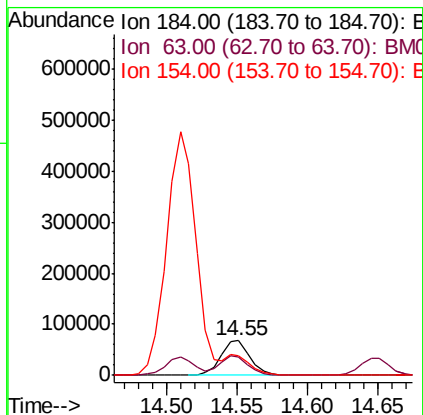
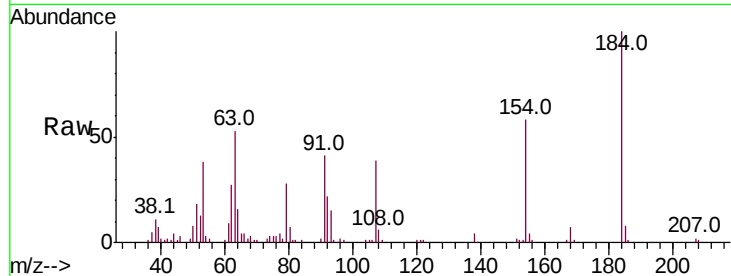




#51  
2,4-Dinitrophenol  
Concen: 16.086 ng/ul  
RT: 14.55 min Scan# 1966  
Delta R.T. -0.00 min  
Lab File: BM022793.D  
Acq: 27 Sep 2019 19:12

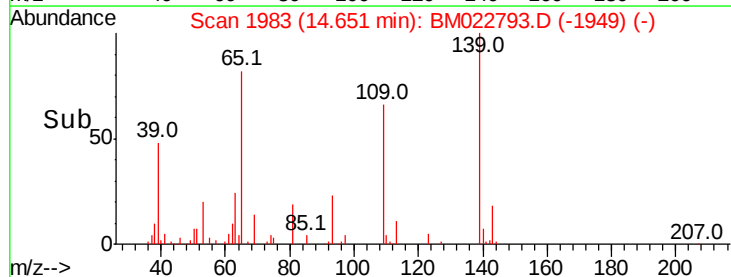
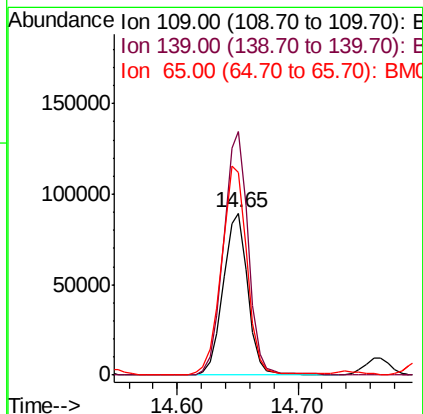
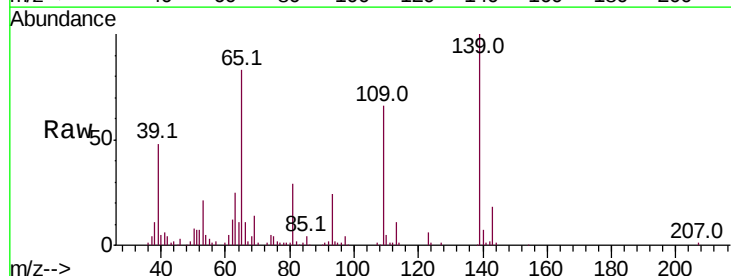
Instrument :  
BNA\_M  
ClientSampleId :

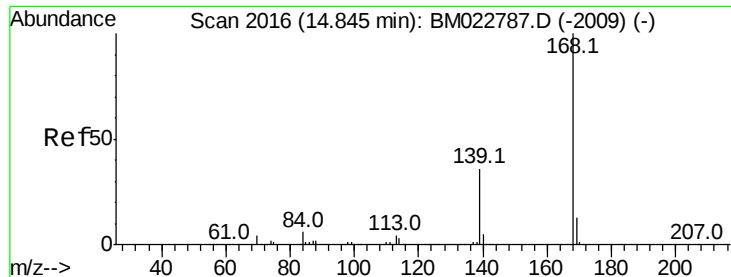
Tot Ion:184 Resp: 97621  
Ion Ratio Lower Upper  
184 100  
63 52.7 44.6 67.0  
154 58.1 47.6 71.4



#53  
4-Nitrophenol  
Concen: 18.862 ng/ul  
RT: 14.65 min Scan# 1983  
Delta R.T. -0.00 min  
Lab File: BM022793.D  
Acq: 27 Sep 2019 19:12

Tgt Ion:109 Resp: 126443  
Ion Ratio Lower Upper  
109 100  
139 150.6 119.5 179.3  
65 125.6 105.0 157.4

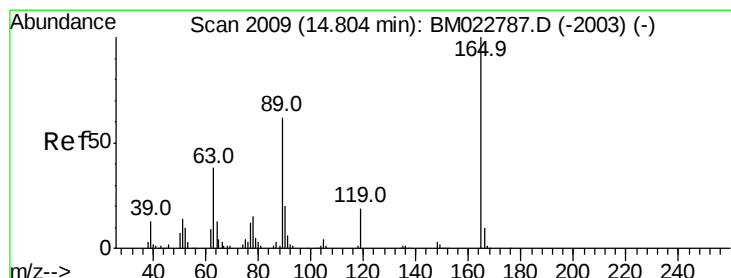
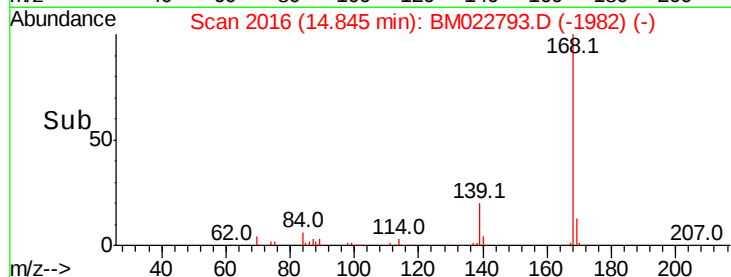
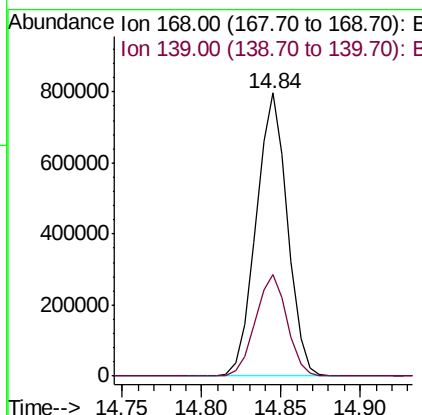
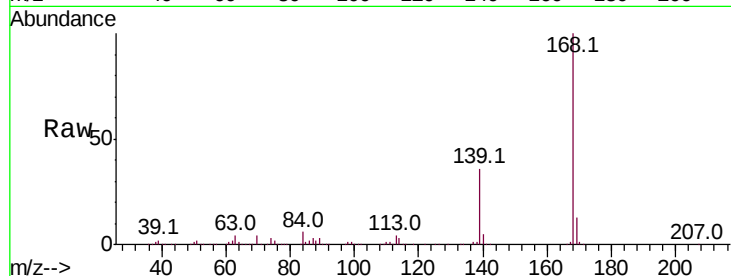




#54  
Dibenzenofuran  
Concen: 19.083 ng/ul  
RT: 14.84 min Scan# 2016  
Delta R.T. -0.00 min  
Lab File: BM022793.D  
Acq: 27 Sep 2019 19:12

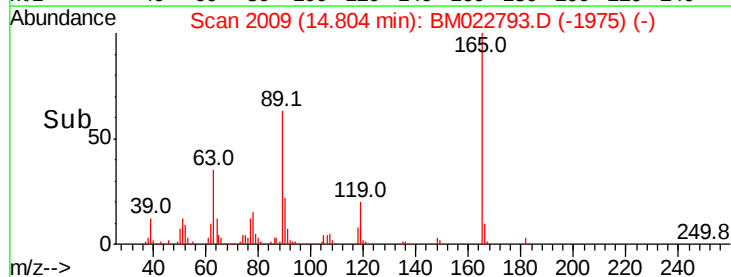
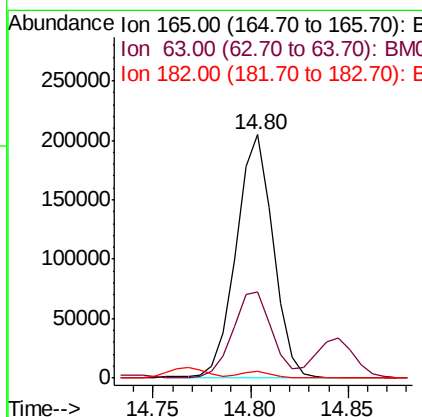
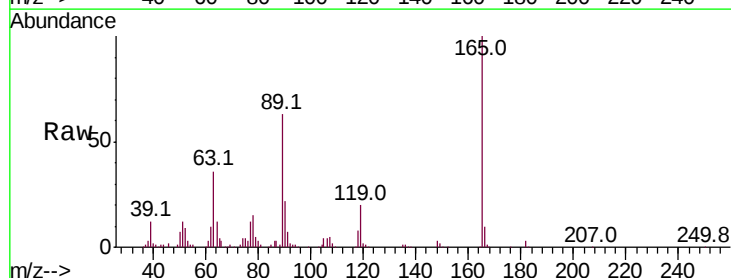
Instrument :  
BNA\_M  
ClientSampleId :

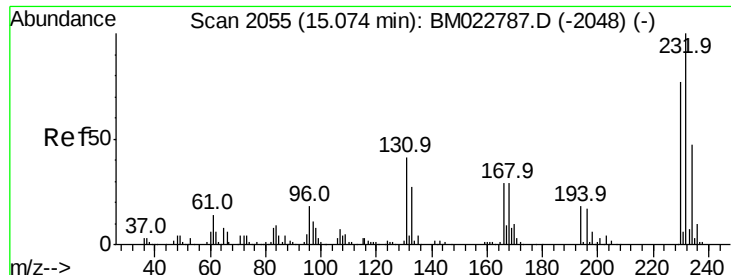
Tot Ion:168 Resp: 1098566  
Ion Ratio Lower Upper  
168 100  
139 36.1 29.0 43.4



#55  
2,4-Dinitrotoluene  
Concen: 19.154 ng/ul  
RT: 14.80 min Scan# 2009  
Delta R.T. -0.00 min  
Lab File: BM022793.D  
Acq: 27 Sep 2019 19:12

Tgt Ion:165 Resp: 268718  
Ion Ratio Lower Upper  
165 100  
63 35.6 29.8 44.6  
182 2.7 2.2 3.4

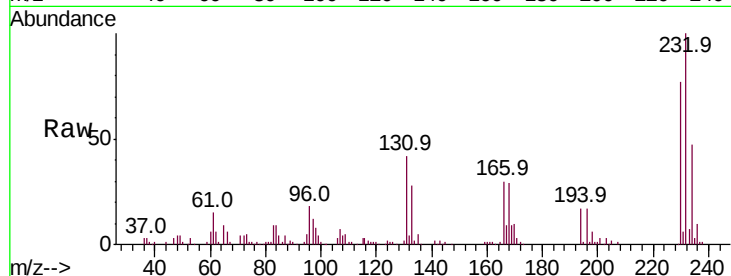




#56  
 2,3,4,6-Tetrachlorophenol  
 Concen: 19.171 ng/ul  
 RT: 15.07 min Scan# 2054  
 Delta R.T. -0.01 min  
 Lab File: BM022793.D  
 Acq: 27 Sep 2019 19:12

Instrument :  
 BNA\_M  
 ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 239455 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 42.5  | 32.5  | 48.7   |
| 130      | 2.1   | 1.6   | 2.4    |
| 166      | 29.8  | 23.4  | 35.2   |



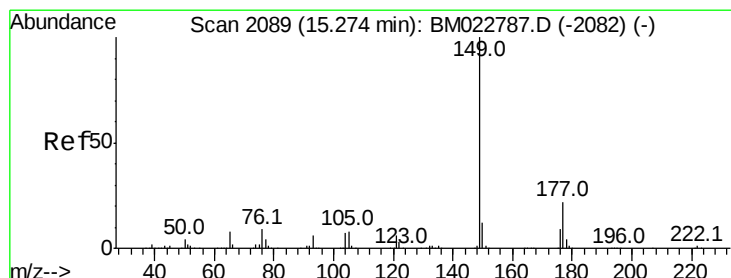
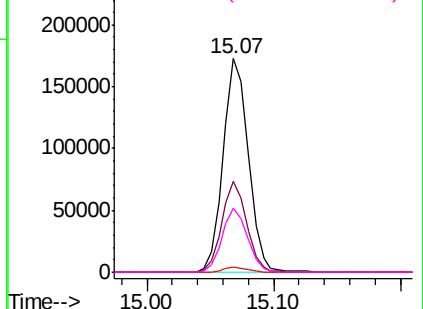
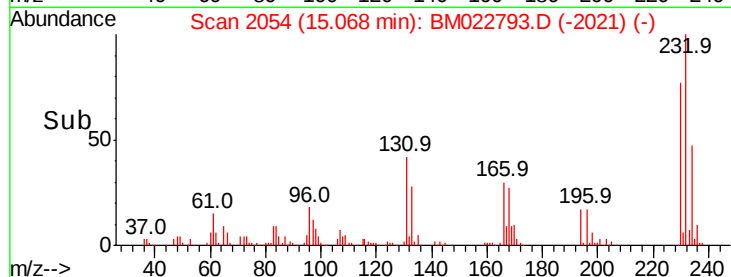
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

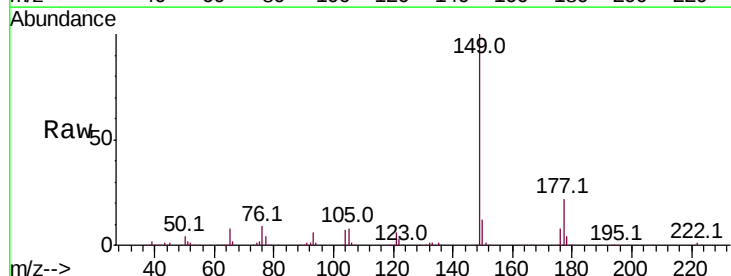
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#57  
 Diethylphthalate  
 Concen: 18.927 ng/ul  
 RT: 15.27 min Scan# 2088  
 Delta R.T. -0.01 min  
 Lab File: BM022793.D  
 Acq: 27 Sep 2019 19:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 906178 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 22.2  | 17.8  | 26.8   |
| 150      | 12.4  | 9.8   | 14.6   |

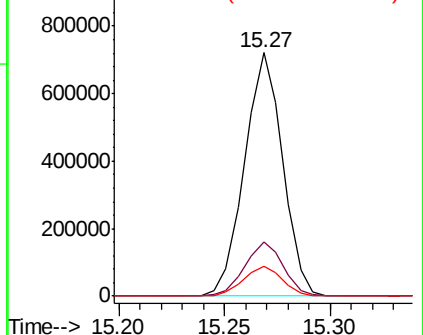
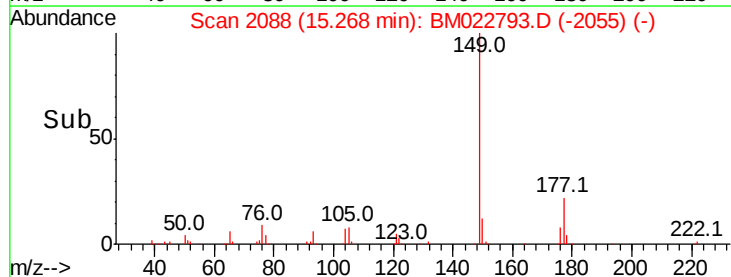


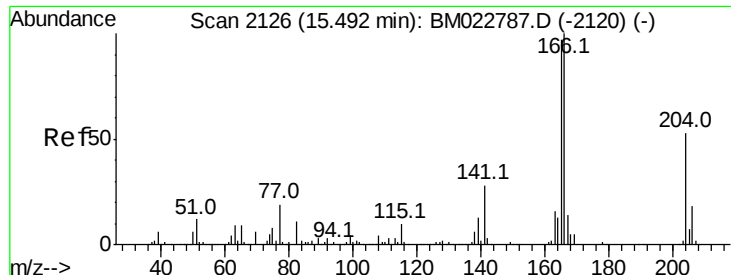
Abundance

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: 19.366 ng/ul

RT: 15.49 min Scan# 2126

Delta R.T. -0.00 min

Lab File: BM022793.D

Acq: 27 Sep 2019 19:12

Instrument :

BNA\_M

ClientSampleId :

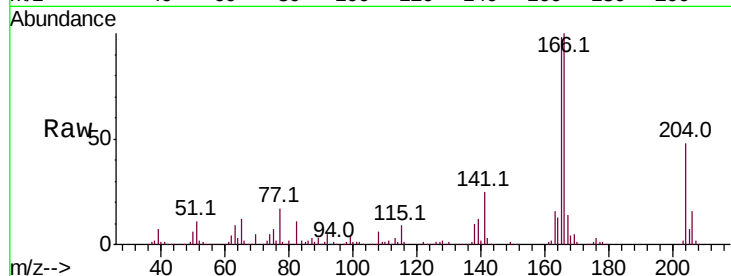
Tot Ion:166 Resp: 900931

Ion Ratio Lower Upper

166 100

165 97.9 77.7 116.5

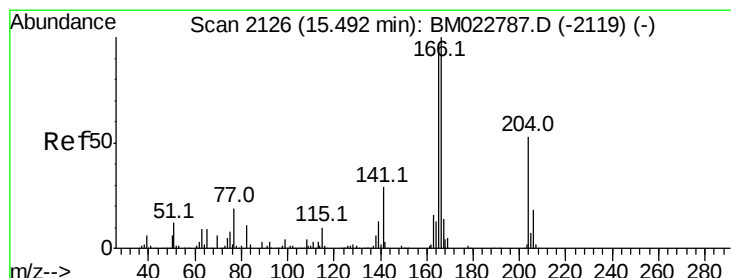
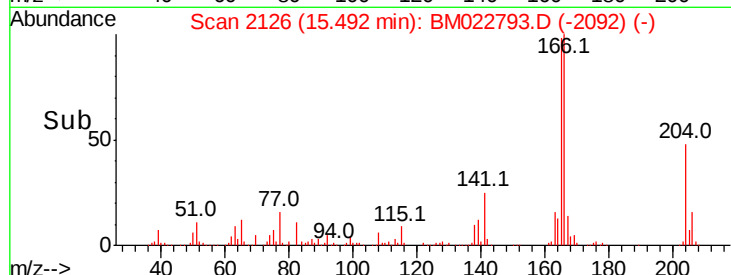
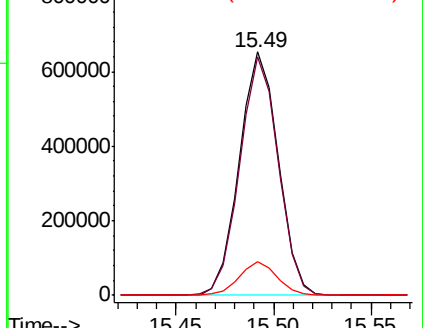
167 13.6 11.0 16.4



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: 19.287 ng/ul

RT: 15.49 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BM022793.D

Acq: 27 Sep 2019 19:12

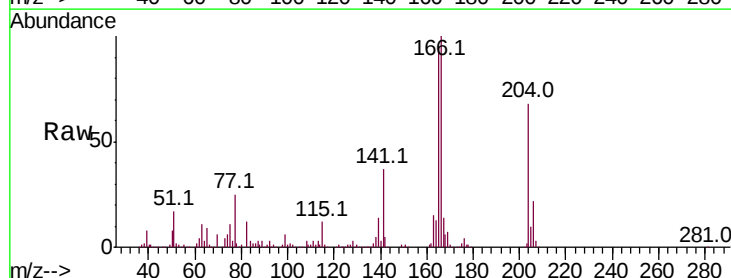
Tgt Ion:204 Resp: 454817

Ion Ratio Lower Upper

204 100

206 32.7 26.6 40.0

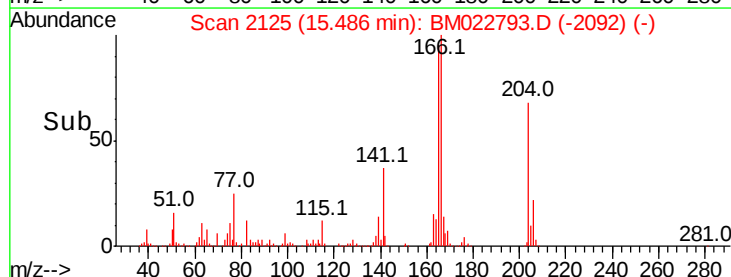
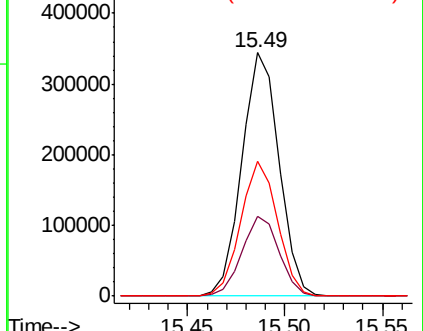
141 55.2 42.7 64.1

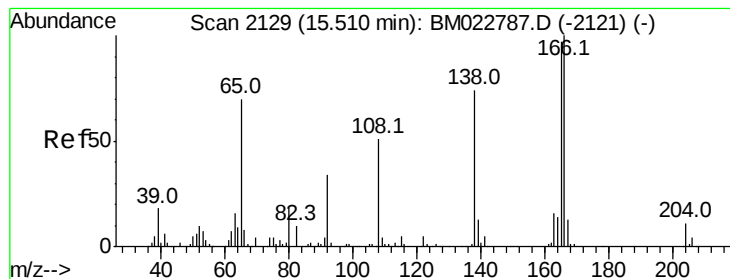


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 18.070 ng/ul

RT: 15.50 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BM022793.D

Acq: 27 Sep 2019 19:12

Instrument :

BNA\_M

ClientSampleId :

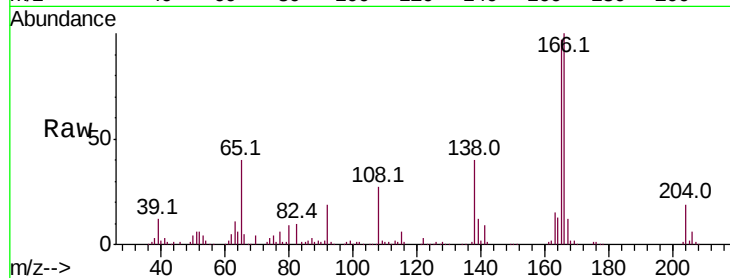
Tot Ion:138 Resp: 188282

Ion Ratio Lower Upper

138 100

92 46.4 37.0 55.4

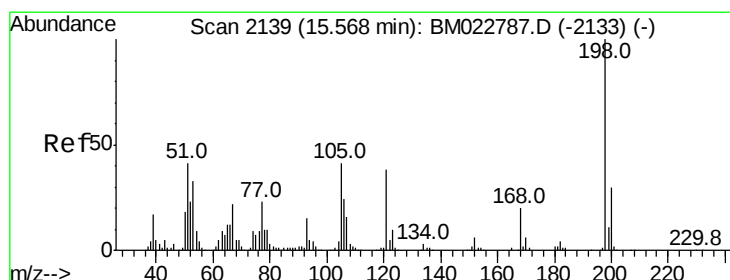
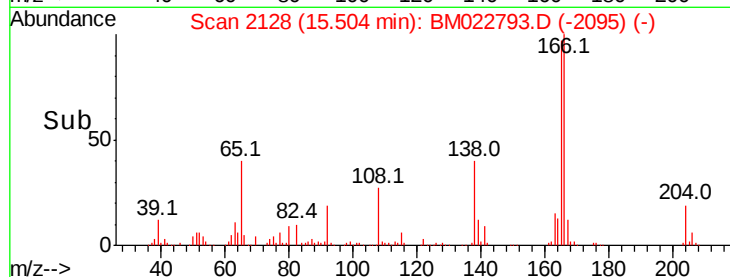
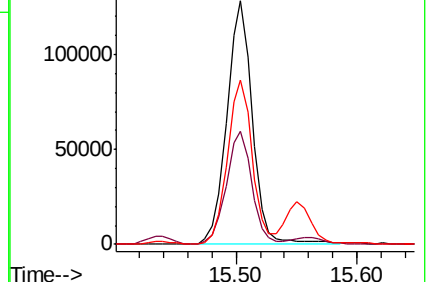
108 67.3 55.5 83.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 17.523 ng/ul

RT: 15.57 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BM022793.D

Acq: 27 Sep 2019 19:12

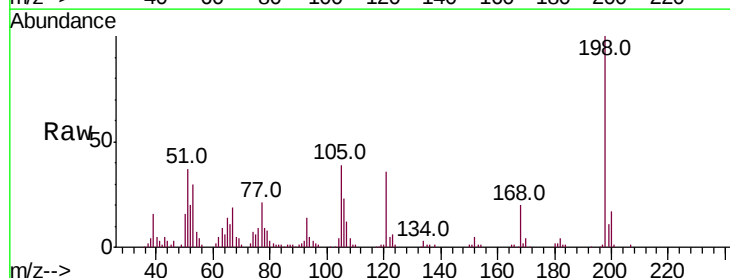
Tgt Ion:198 Resp: 158884

Ion Ratio Lower Upper

198 100

182 4.1 3.4 5.0

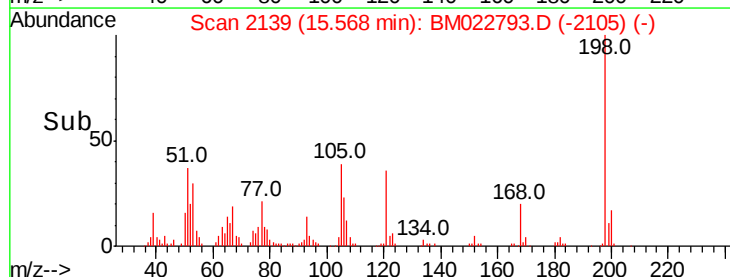
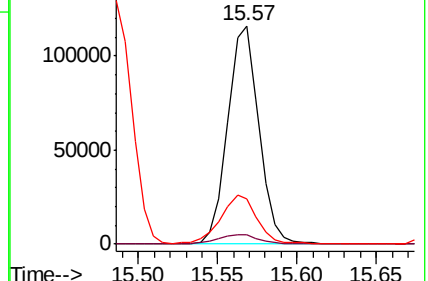
77 20.7 18.6 27.8

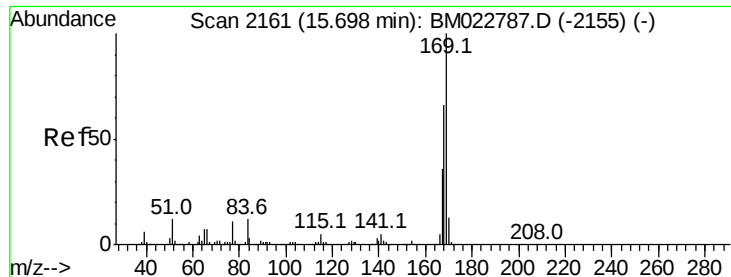


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BM0



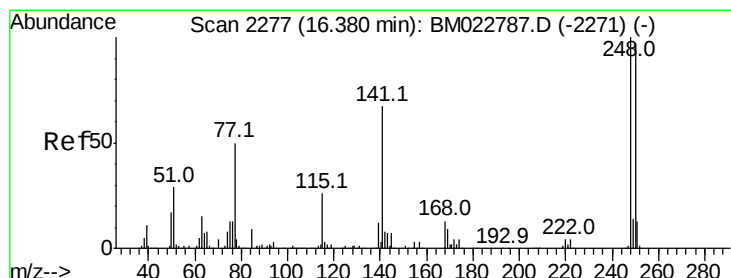
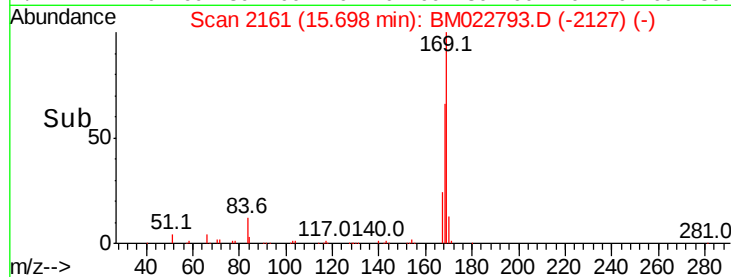
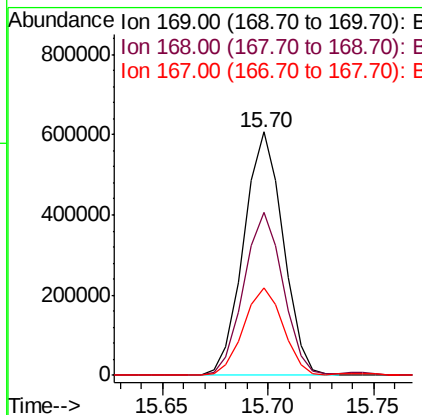
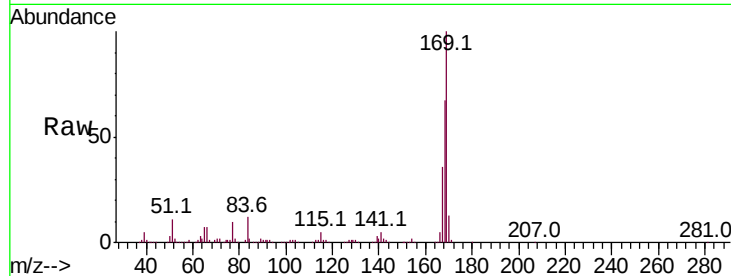


#65

N-Nitrosodiphenylamine  
 Concen: 19.238 ng/ul  
 RT: 15.70 min Scan# 2161  
 Delta R.T. -0.00 min  
 Lab File: BM022793.D  
 Acq: 27 Sep 2019 19:12

Instrument :  
 BNA\_M  
 ClientSampleId :

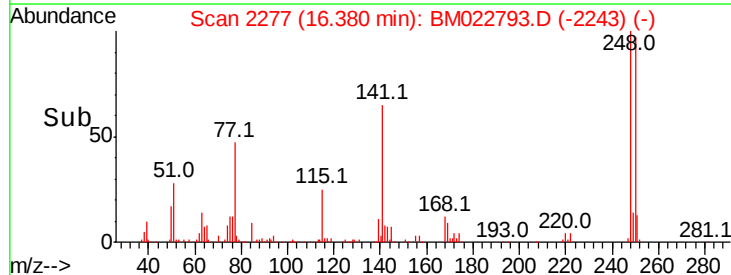
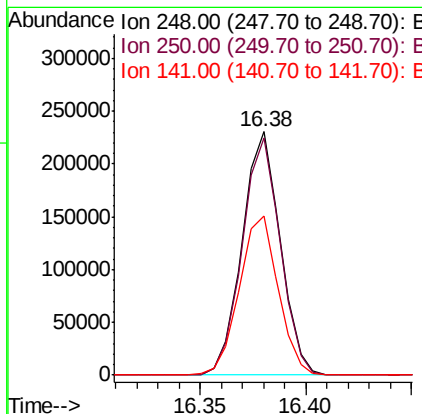
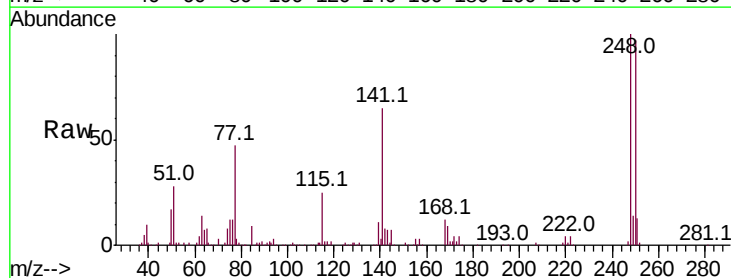
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 67.0  | 53.2  | 79.8  |
| 167     | 35.8  | 28.8  | 43.2  |

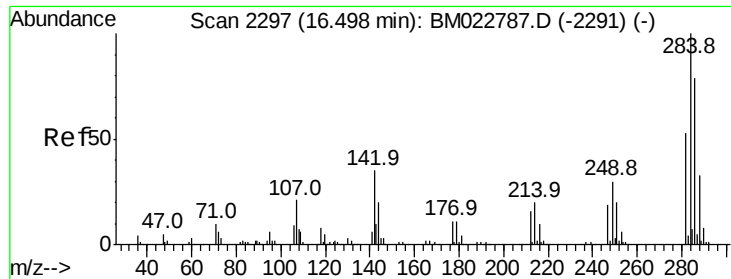


#66

4-Bromophenyl-phenylether  
 Concen: 19.230 ng/ul  
 RT: 16.38 min Scan# 2277  
 Delta R.T. -0.00 min  
 Lab File: BM022793.D  
 Acq: 27 Sep 2019 19:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.3  | 77.5  | 116.3 |
| 141     | 65.2  | 53.8  | 80.6  |

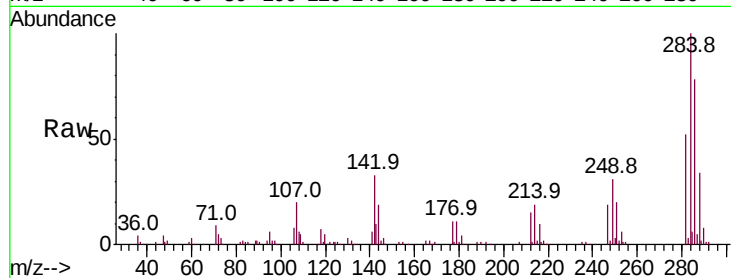




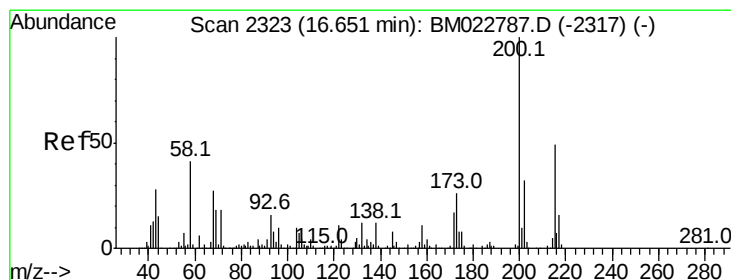
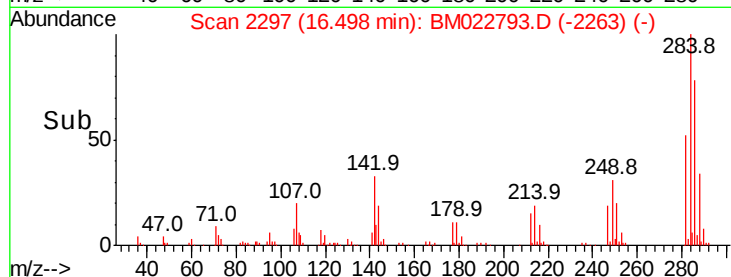
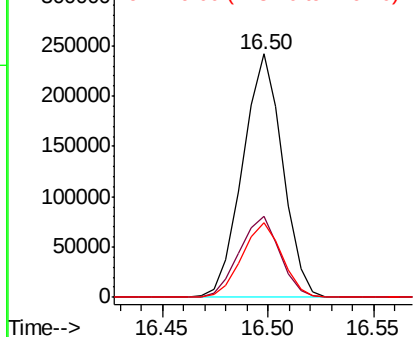
#67  
Hexachlorobenzene  
Concen: 18.999 ng/ul  
RT: 16.50 min Scan# 2297  
Delta R.T. -0.00 min  
Lab File: BM022793.D  
Acq: 27 Sep 2019 19:12

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 33.1  | 27.8  | 41.6  |
| 249     | 30.9  | 24.2  | 36.2  |

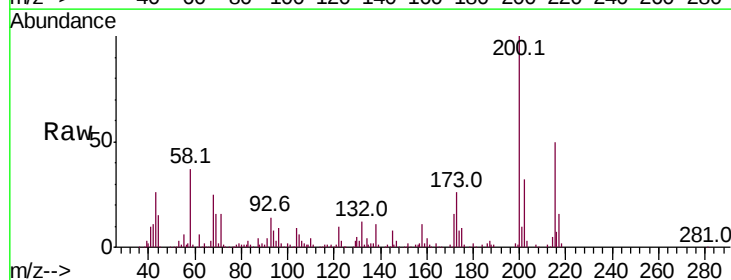


Abundance Ion 284.00 (283.70 to 284.70): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

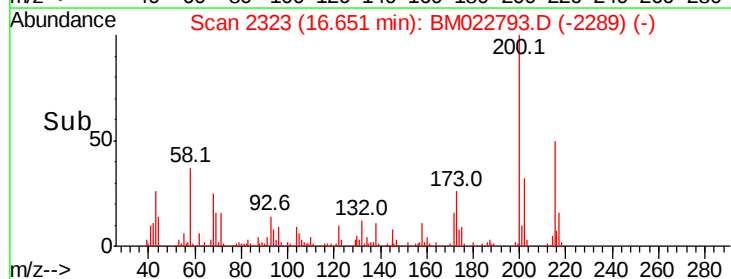
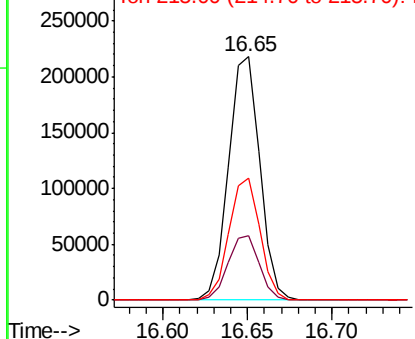


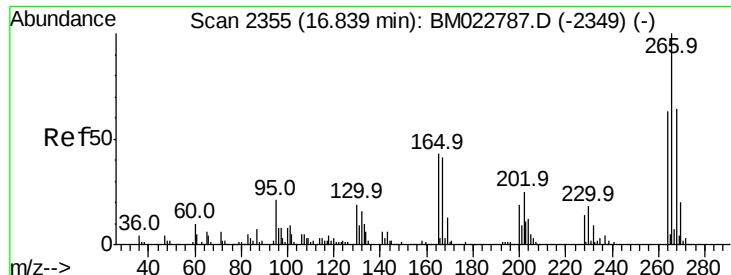
#68  
Atrazine  
Concen: 18.753 ng/ul  
RT: 16.65 min Scan# 2323  
Delta R.T. -0.00 min  
Lab File: BM022793.D  
Acq: 27 Sep 2019 19:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.3  | 21.1  | 31.7  |
| 215     | 50.4  | 38.9  | 58.3  |



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

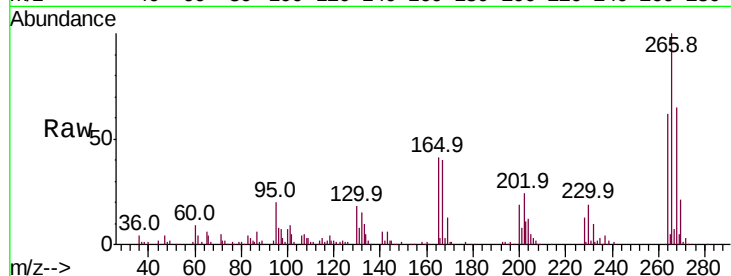




#69  
 Pentachlorophenol  
 Concen: 17.874 ng/ul  
 RT: 16.84 min Scan# 2355  
 Delta R.T. -0.00 min  
 Lab File: BM022793.D  
 Acq: 27 Sep 2019 19:12

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 62.5  | 50.8  | 76.2  |
| 268     | 64.5  | 51.4  | 77.0  |

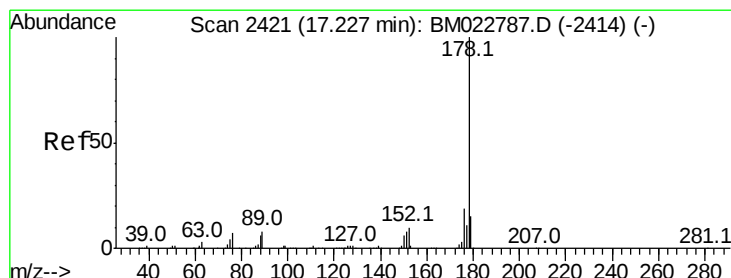
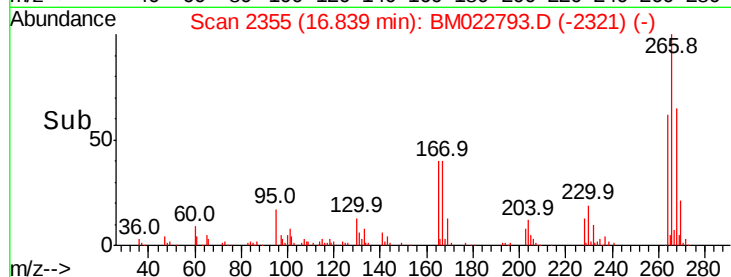
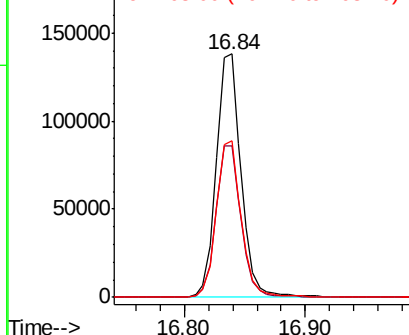


Abundance

Ion 265.70 (265.40 to 266.40): E

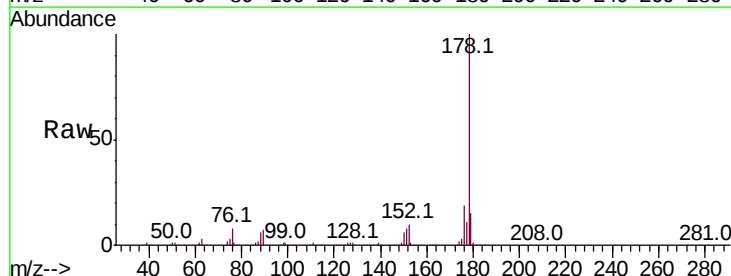
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#70  
 Phenanthrene  
 Concen: 19.302 ng/ul  
 RT: 17.23 min Scan# 2421  
 Delta R.T. -0.00 min  
 Lab File: BM022793.D  
 Acq: 27 Sep 2019 19:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 15.4  | 12.4  | 18.6  |
| 176     | 19.1  | 15.3  | 22.9  |

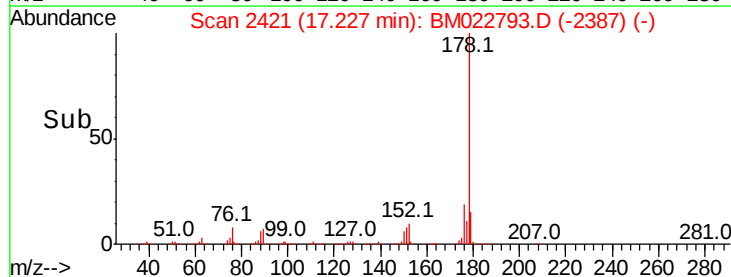
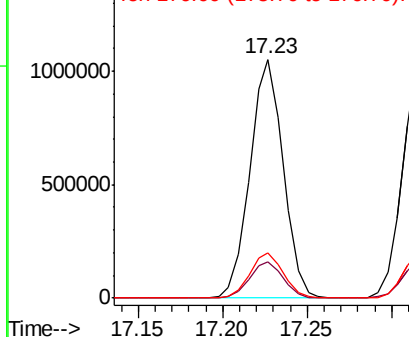


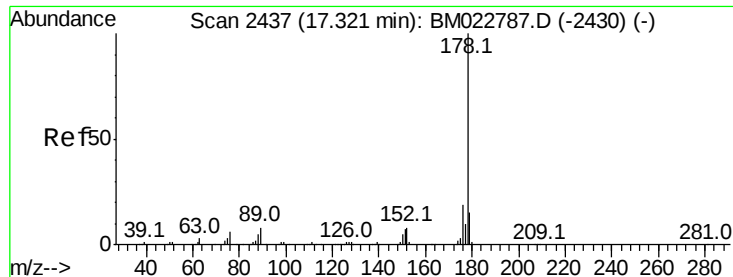
Abundance

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: 19.369 ng/ul

RT: 17.32 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BM022793.D

Acq: 27 Sep 2019 19:12

Instrument :

BNA\_M

ClientSampled :

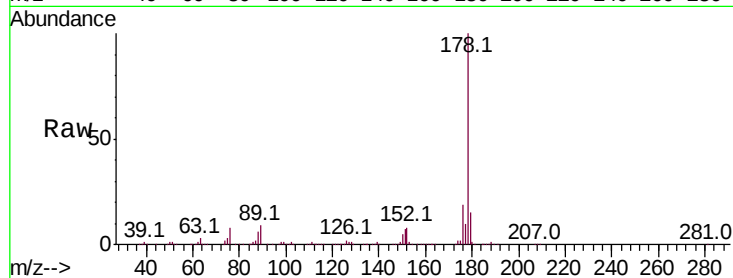
Tot Ion:178 Resp: 1467477

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.4  | 12.4  | 18.6  |
| 176 | 18.9  | 15.0  | 22.6  |

178 100

179 15.4 12.4 18.6

176 18.9 15.0 22.6

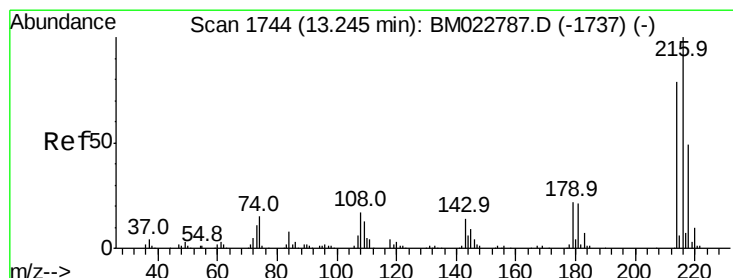
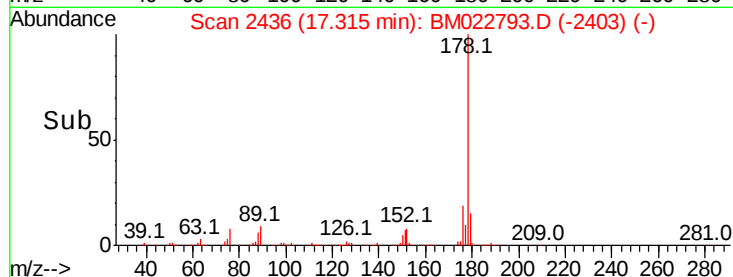
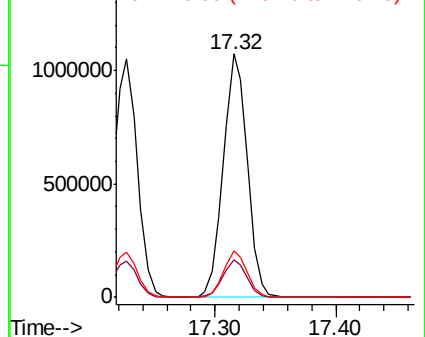


Abundance

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: 19.196 ng/uL

RT: 13.24 min Scan# 1744

Delta R.T. -0.00 min

Lab File: BM022793.D

Acq: 27 Sep 2019 19:12

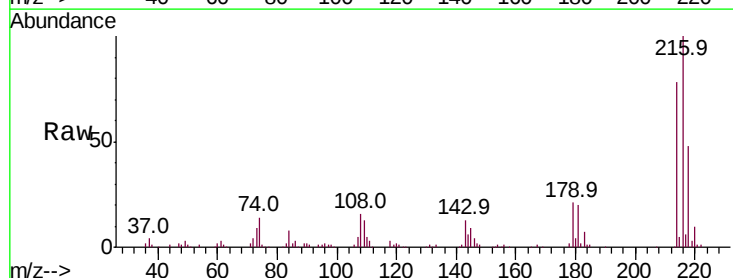
Tgt Ion:216 Resp: 373210

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 78.5  | 63.3  | 94.9  |
| 218 | 47.6  | 39.0  | 58.4  |

216 100

214 78.5 63.3 94.9

218 47.6 39.0 58.4

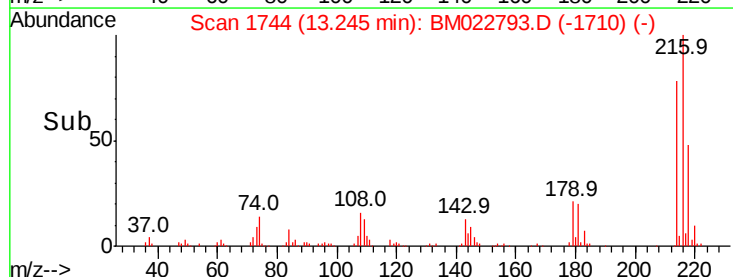
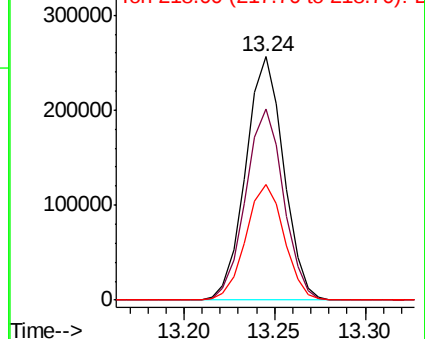


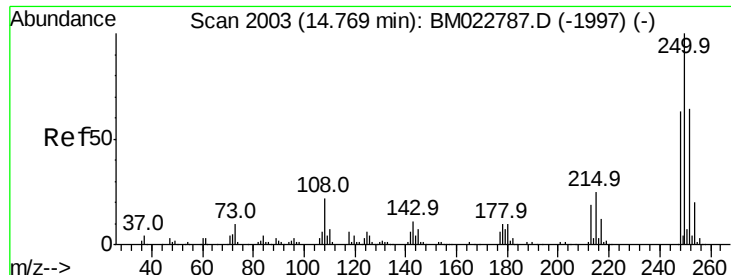
Abundance

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: 19.303 ng/uL

RT: 14.77 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BM022793.D

Acq: 27 Sep 2019 19:12

Instrument :

BNA\_M

ClientSampleId :

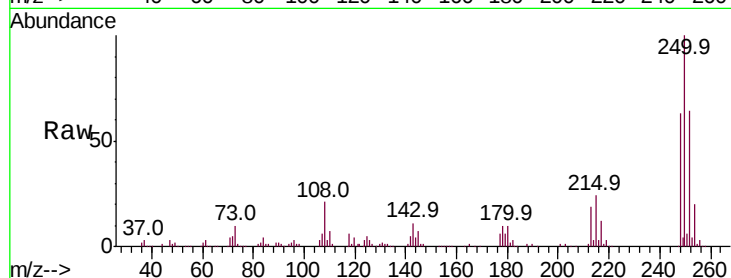
Tot Ion:250 Resp: 374617

Ion Ratio Lower Upper

250 100

248 62.6 50.6 76.0

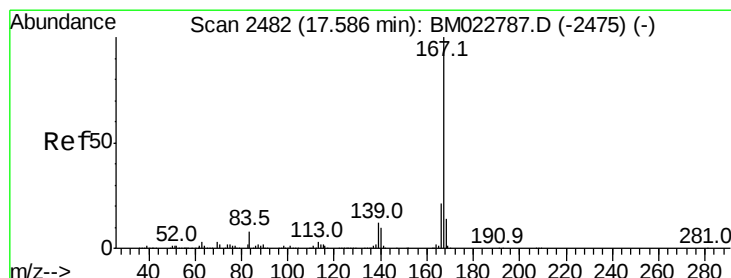
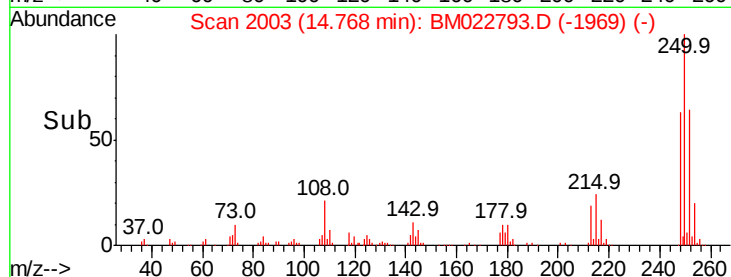
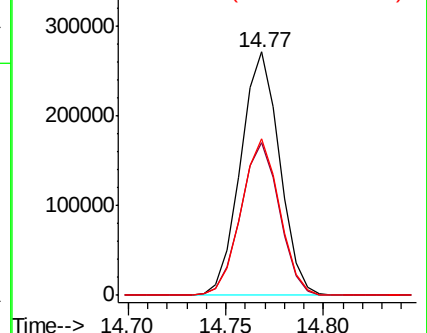
252 64.1 51.0 76.4



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: 19.698 ng/uL

RT: 17.58 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BM022793.D

Acq: 27 Sep 2019 19:12

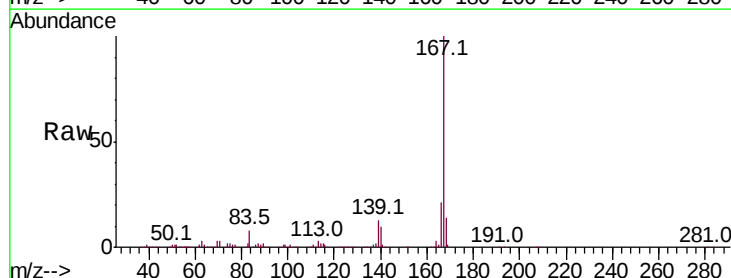
Tgt Ion:167 Resp: 1326383

Ion Ratio Lower Upper

167 100

166 21.3 17.1 25.7

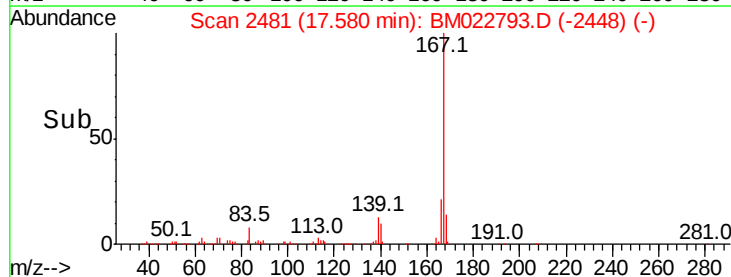
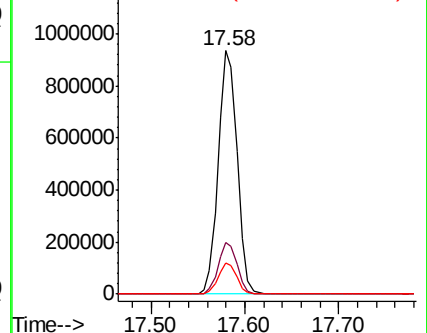
139 12.7 9.9 14.9

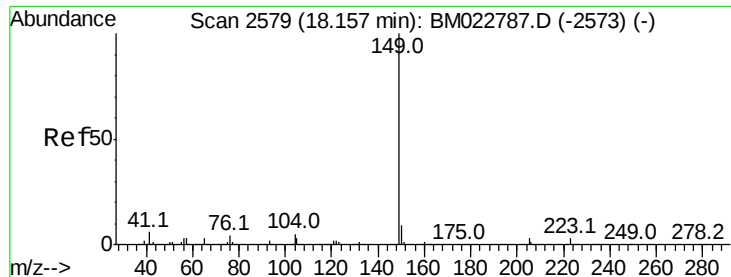


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

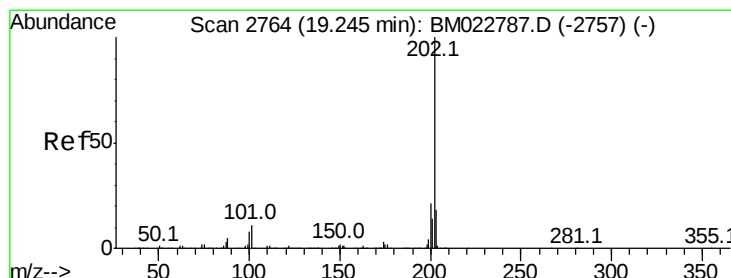
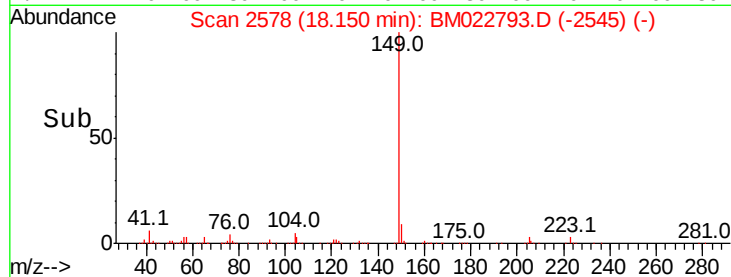
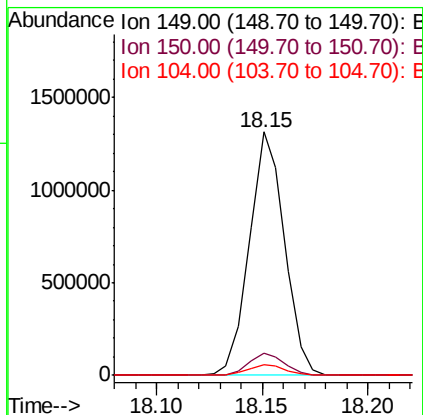
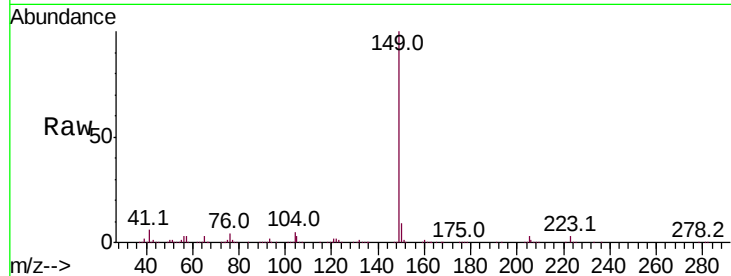




#76  
Di-n-butylphthalate  
Concen: 19.173 ng/ul  
RT: 18.15 min Scan# 2578  
Delta R.T. -0.01 min  
Lab File: BM022793.D  
Acq: 27 Sep 2019 19:12

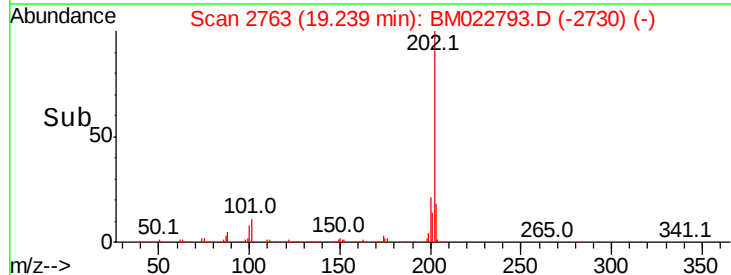
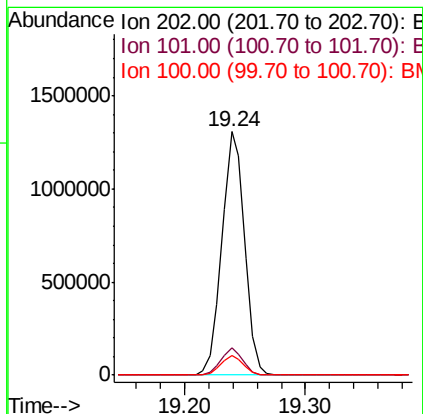
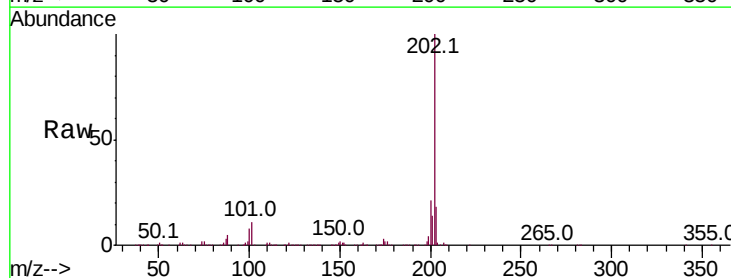
Instrument :  
BNA\_M  
ClientSampleId :

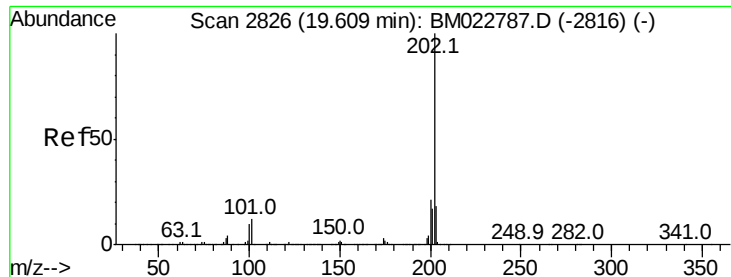
Tot Ion:149 Resp: 1522157  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.4 11.0  
104 4.6 3.7 5.5



#77  
Fluoranthene  
Concen: 20.179 ng/ul  
RT: 19.24 min Scan# 2763  
Delta R.T. -0.01 min  
Lab File: BM022793.D  
Acq: 27 Sep 2019 19:12

Tgt Ion:202 Resp: 1687507  
Ion Ratio Lower Upper  
202 100  
101 11.1 8.6 12.8  
100 8.3 6.4 9.6





#80

Pvrene

Concen: 18.668 ng/ul

RT: 19.60 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM022793.D

Acq: 27 Sep 2019 19:12

Instrument :

BNA\_M

ClientSampleId :

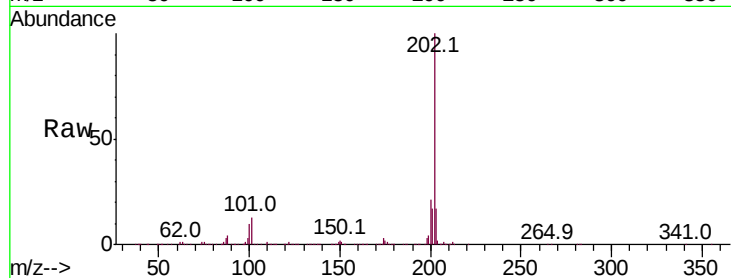
Tot Ion:202 Resp: 1758629

Ion Ratio Lower Upper

202 100

101 12.5 9.7 14.5

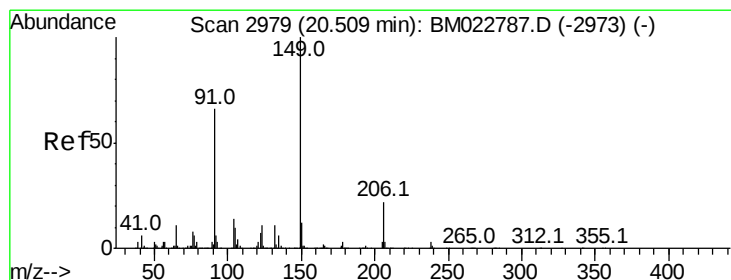
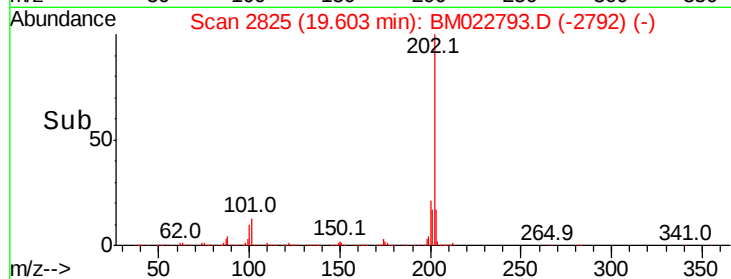
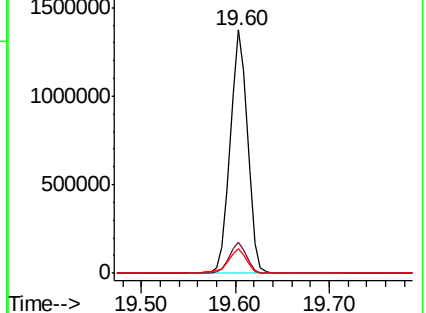
100 10.1 7.8 11.8



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: 18.285 ng/ul

RT: 20.50 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BM022793.D

Acq: 27 Sep 2019 19:12

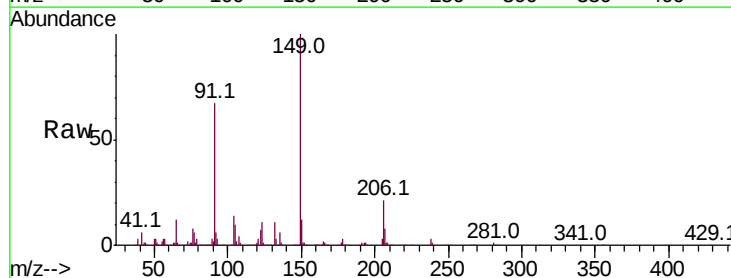
Tgt Ion:149 Resp: 708428

Ion Ratio Lower Upper

149 100

91 66.9 52.6 78.8

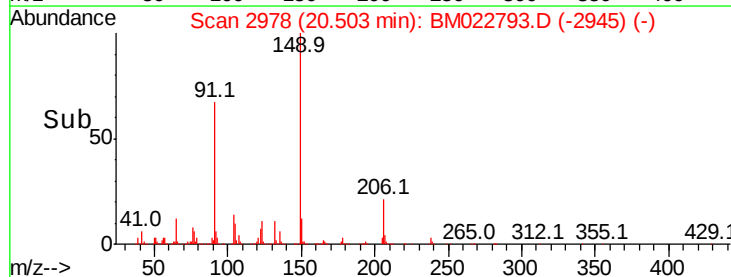
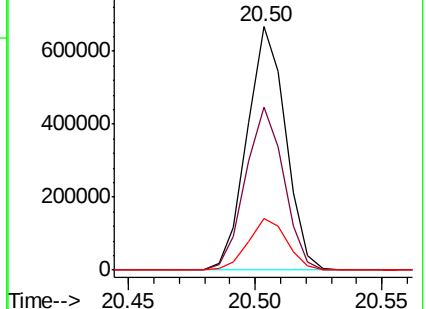
206 21.1 17.7 26.5

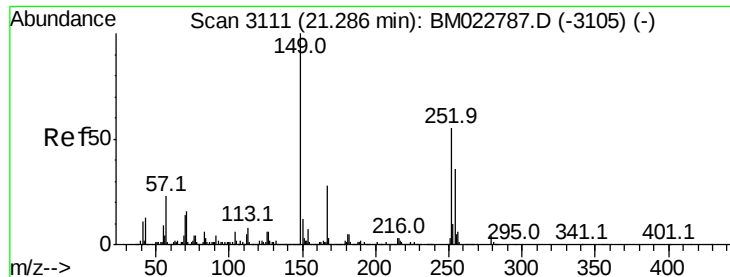


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E

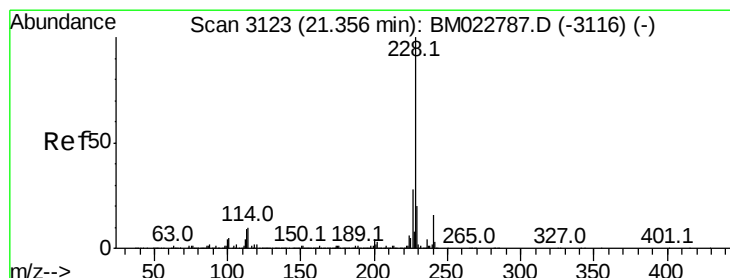
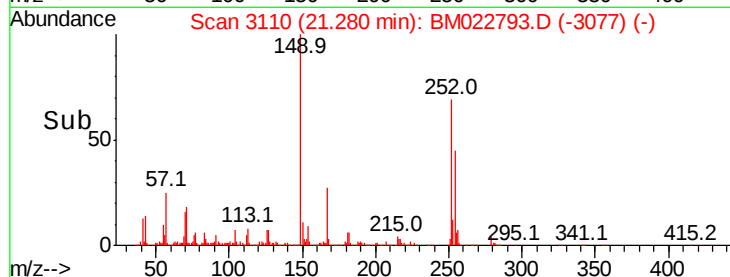
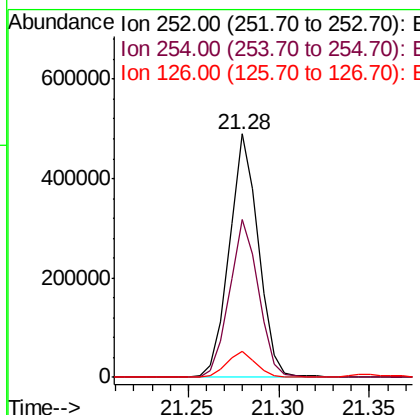
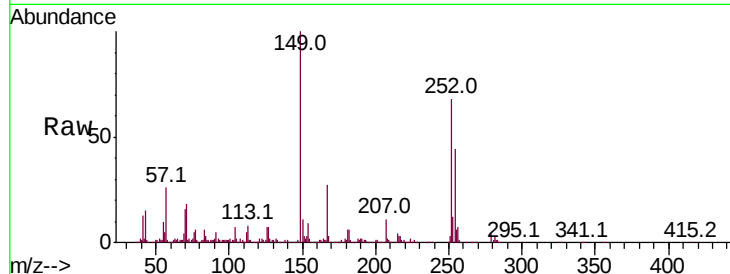




#82  
 3,3'-Dichlorobenzidine  
 Concen: 18.035 ng/ul  
 RT: 21.28 min Scan# 3110  
 Delta R.T. -0.01 min  
 Lab File: BM022793.D  
 Acq: 27 Sep 2019 19:12

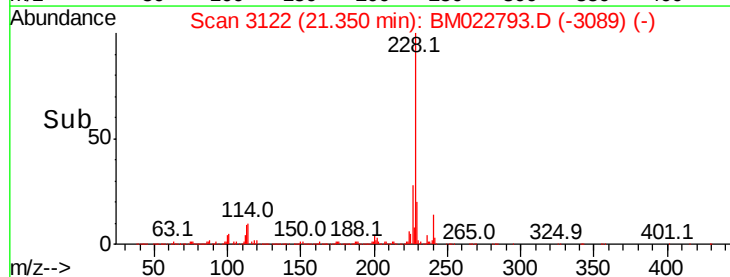
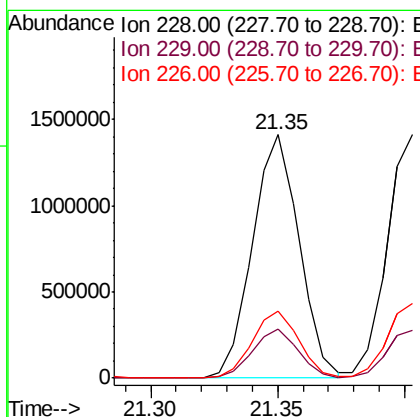
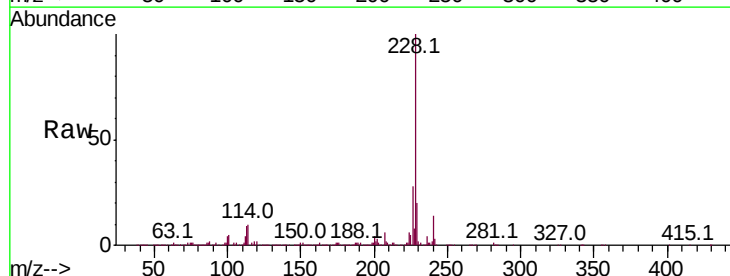
Instrument :  
 BNA\_M  
 ClientSampleId :

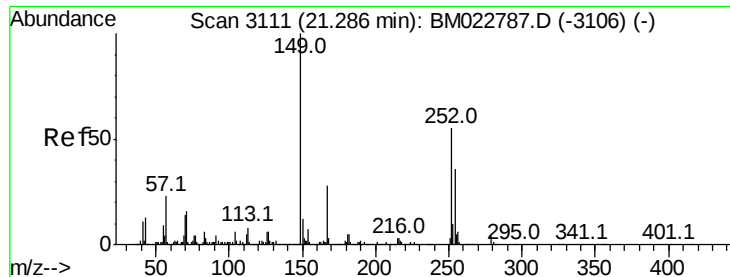
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.0  | 51.5  | 77.3  |
| 126     | 10.9  | 8.0   | 12.0  |



#83  
 Benzo(a)anthracene  
 Concen: 18.882 ng/ul  
 RT: 21.35 min Scan# 3122  
 Delta R.T. -0.01 min  
 Lab File: BM022793.D  
 Acq: 27 Sep 2019 19:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 229     | 19.9  | 15.8  | 23.8  |
| 226     | 27.6  | 22.4  | 33.6  |





#84

Bis(2-ethylhexyl)phthalate

Concen: 19.062 ng/ul

RT: 21.29 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BM022793.D

Acq: 27 Sep 2019 19:12

Instrument :

BNA\_M

ClientSampleId :

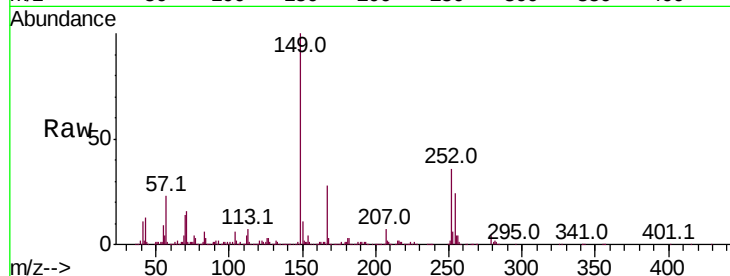
Tot Ion:149 Resp: 1049308

Ion Ratio Lower Upper

149 100

167 27.8 22.1 33.1

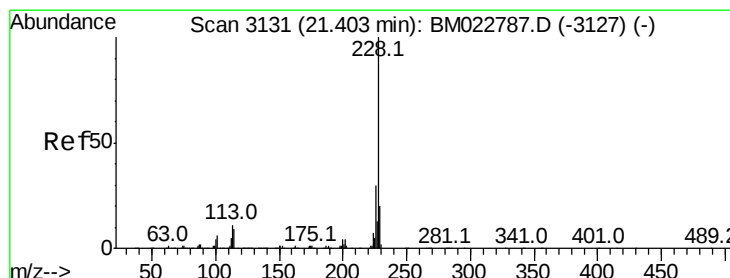
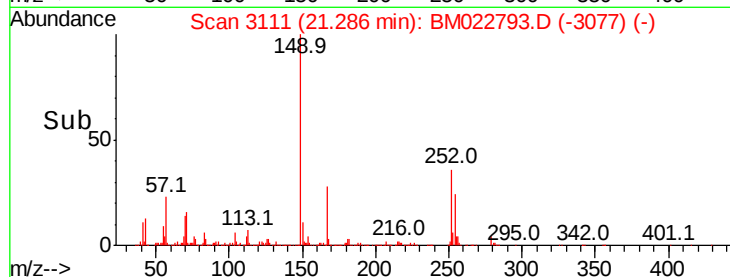
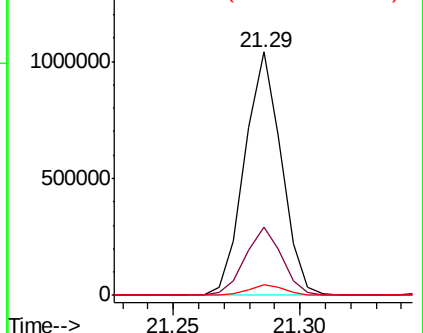
279 4.5 3.3 4.9



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: 19.094 ng/ul

RT: 21.40 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BM022793.D

Acq: 27 Sep 2019 19:12

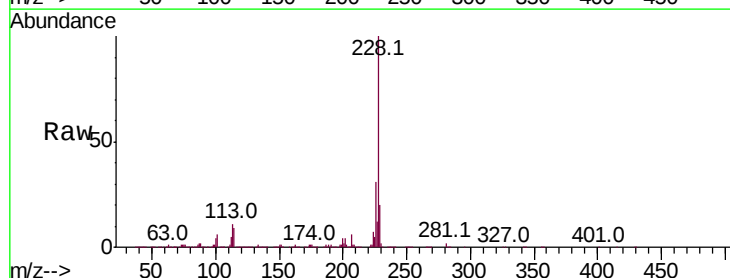
Tgt Ion:228 Resp: 1679667

Ion Ratio Lower Upper

228 100

226 30.5 24.2 36.4

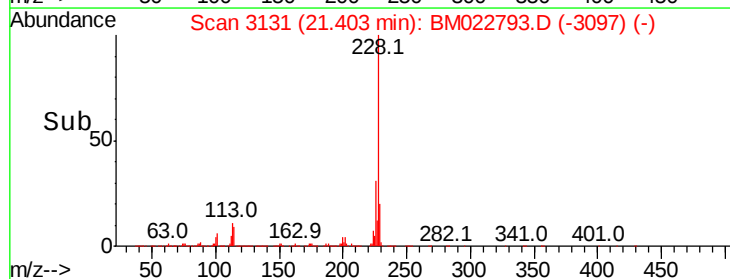
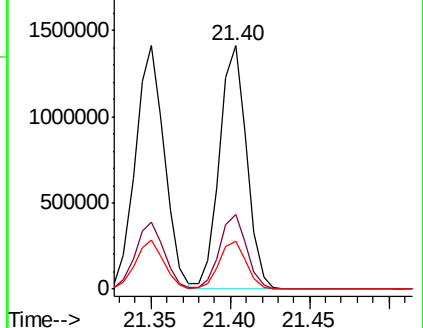
229 19.8 15.9 23.9

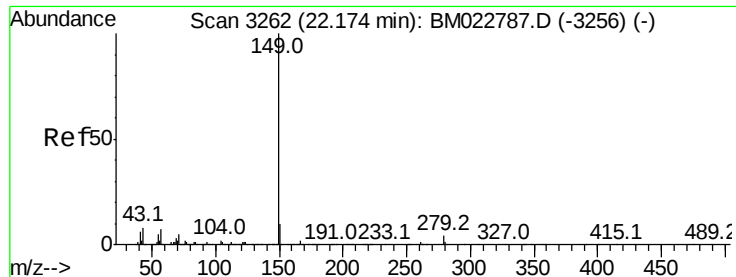


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 17.549 ng/ul

RT: 22.17 min Scan# 3261

Delta R.T. -0.01 min

Lab File: BM022793.D

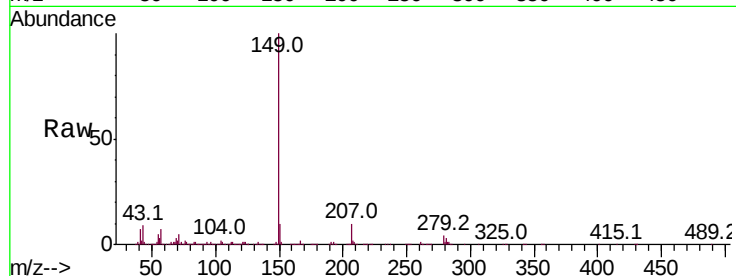
Acq: 27 Sep 2019 19:12

Instrument :

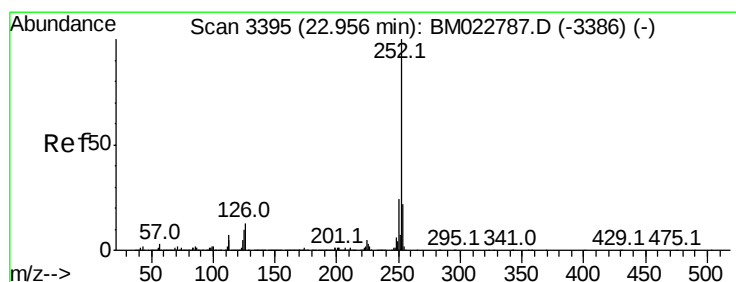
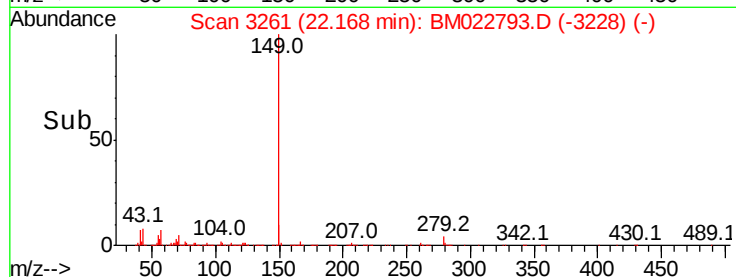
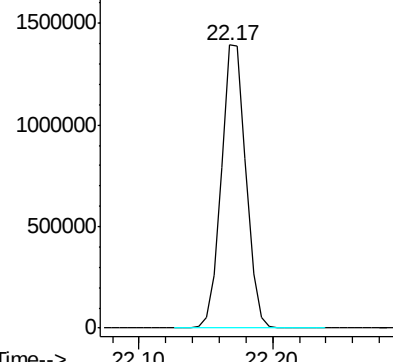
BNA\_M

ClientSampleId :

Tgt Ion:149 Resp: 1783418



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 18.428 ng/ul

RT: 22.95 min Scan# 3394

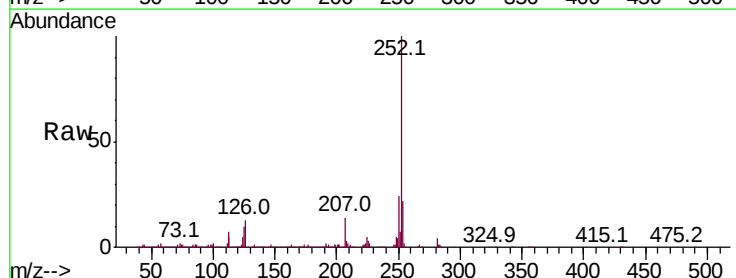
Delta R.T. -0.01 min

Lab File: BM022793.D

Acq: 27 Sep 2019 19:12

Tgt Ion:252 Resp: 1827349

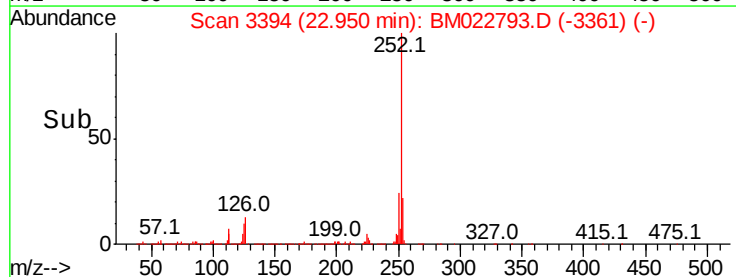
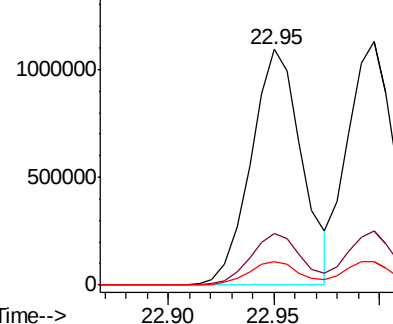
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.7  | 17.7  | 26.5  |
| 125 | 10.1  | 8.2   | 12.2  |

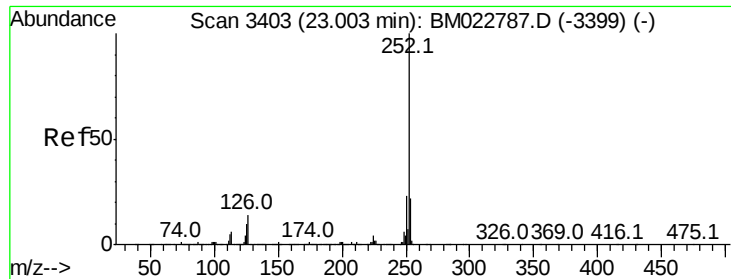


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 18.386 ng/ul

RT: 23.00 min Scan# 3402

Delta R.T. -0.01 min

Lab File: BM022793.D

Acq: 27 Sep 2019 19:12

Instrument :

BNA\_M

ClientSampleId :

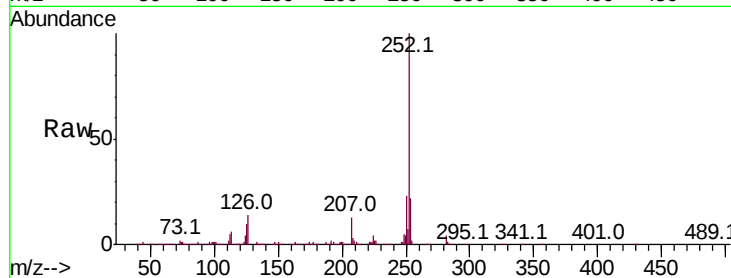
Tot Ion:252 Resp: 1744289

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

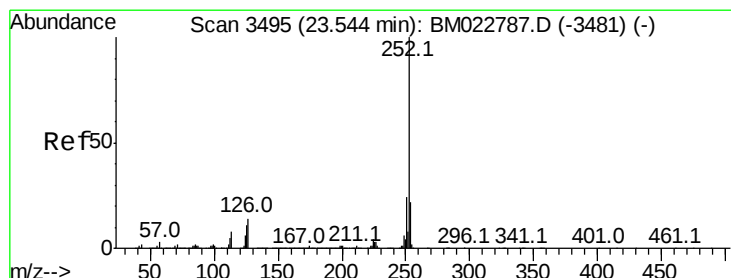
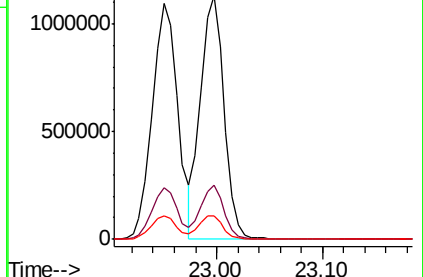
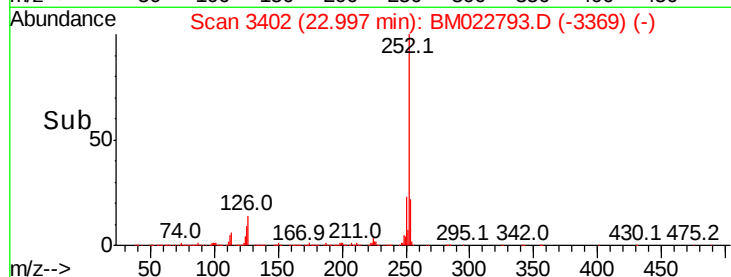
125 9.5 7.9 11.9



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: 18.703 ng/ul

RT: 23.54 min Scan# 3494

Delta R.T. -0.01 min

Lab File: BM022793.D

Acq: 27 Sep 2019 19:12

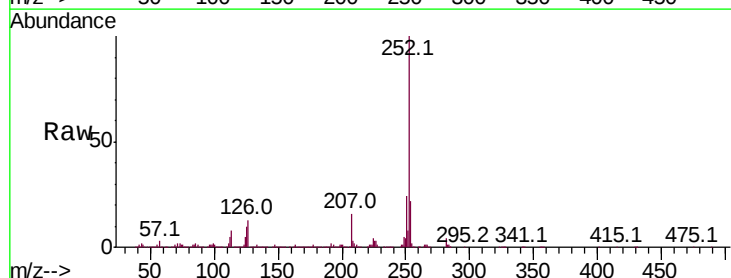
Tgt Ion:252 Resp: 1740000

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

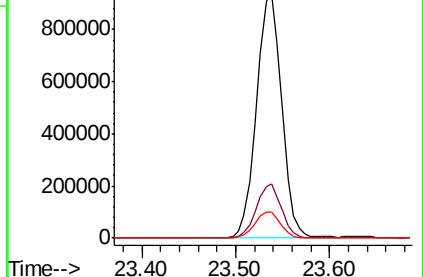
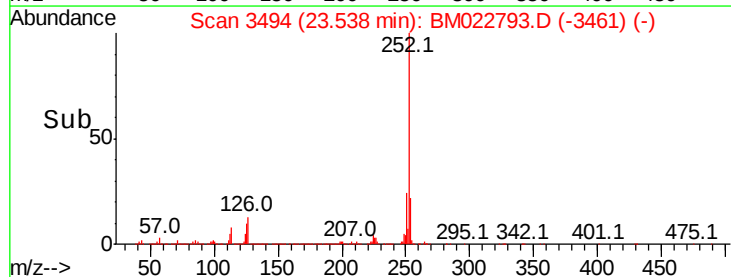
125 10.5 8.7 13.1

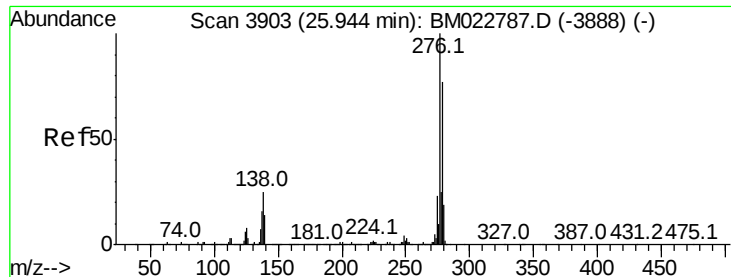


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



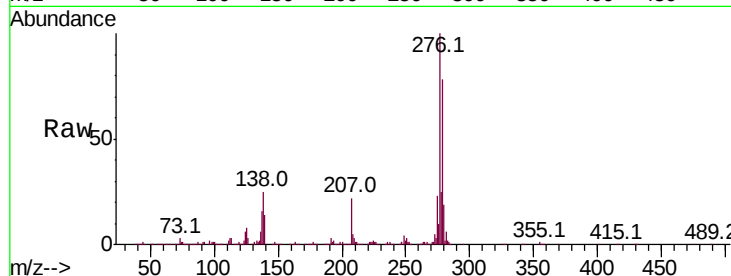


#92

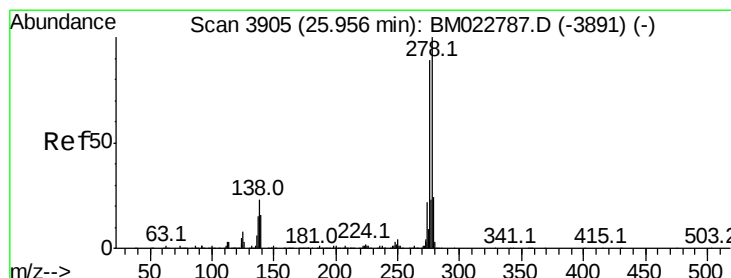
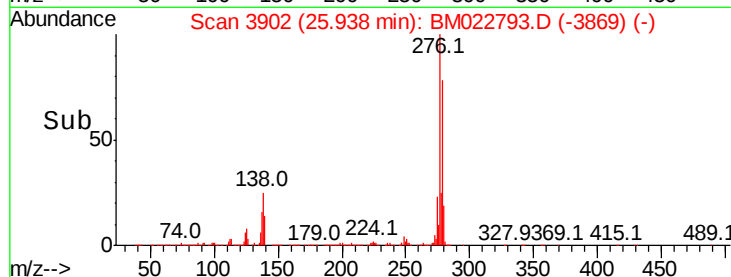
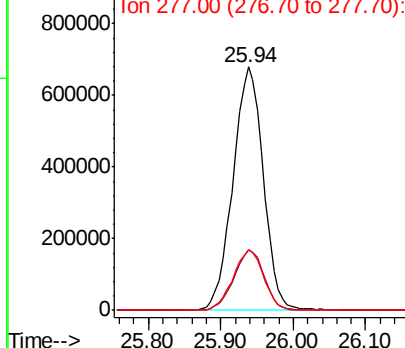
Indeno(1,2,3-cd)pyrene  
Concen: 20.036 ng/ul  
RT: 25.94 min Scan# 3902  
Delta R.T. -0.01 min  
Lab File: BM022793.D  
Acq: 27 Sep 2019 19:12

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:276 Resp: 1979871  
Ion Ratio Lower Upper  
276 100  
138 24.7 19.8 29.8  
277 24.7 20.3 30.5



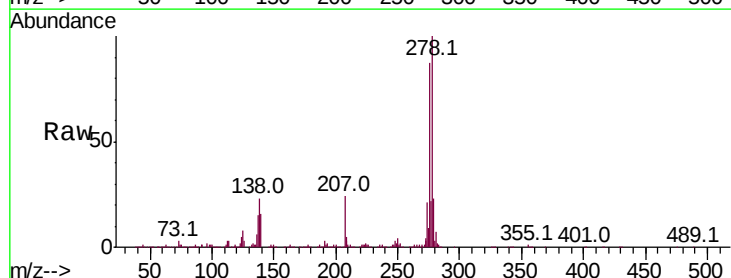
Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E



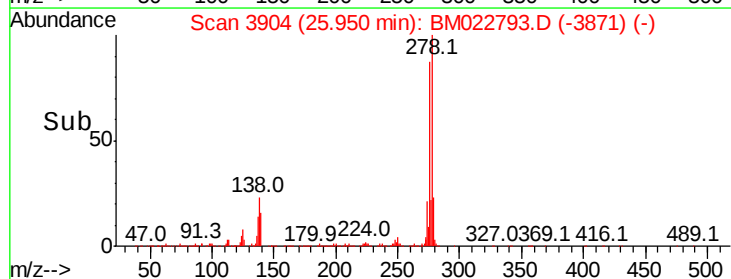
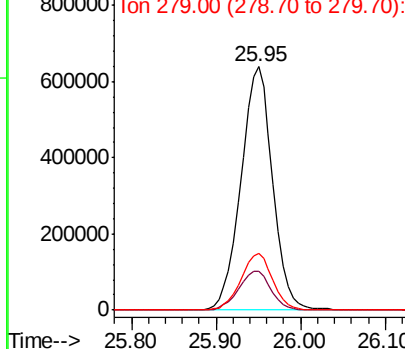
#93

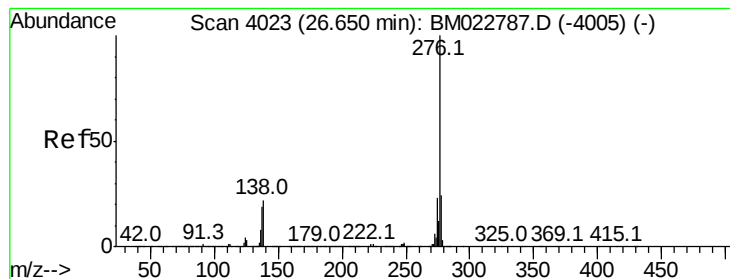
Dibenzo(a,h)anthracene  
Concen: 20.098 ng/ul  
RT: 25.95 min Scan# 3904  
Delta R.T. -0.01 min  
Lab File: BM022793.D  
Acq: 27 Sep 2019 19:12

Tgt Ion:278 Resp: 1661403  
Ion Ratio Lower Upper  
278 100  
139 16.1 13.2 19.8  
279 23.2 19.0 28.6



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: 20.280 ng/ul

RT: 26.64 min Scan# 4022

Delta R.T. -0.01 min

Lab File: BM022793.D

Acq: 27 Sep 2019 19:12

Instrument :

BNA\_M

ClientSampleId :

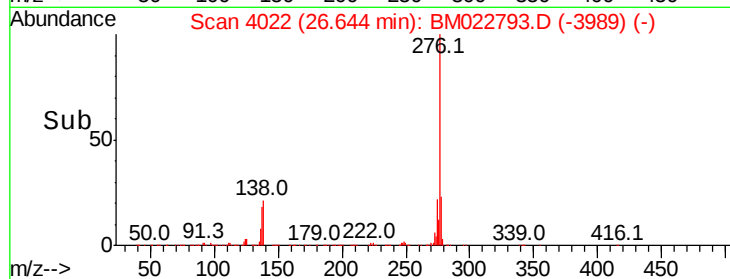
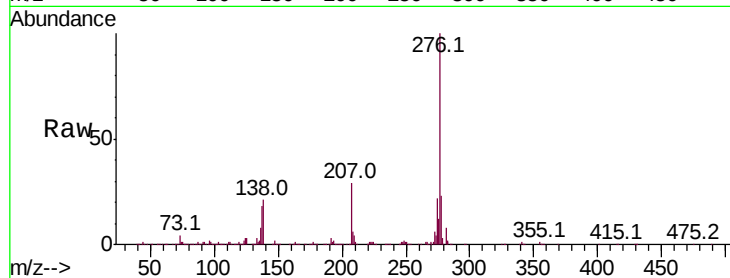
Tot Ion:276 Resp: 1616750

Ion Ratio Lower Upper

276 100

138 21.0 17.6 26.4

277 23.2 19.1 28.7



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

