

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\  
 Data File : BM018985.D  
 Acq On : 01 Mar 2019 12:56  
 Operator : JU/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Mar 01 14:17:15 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 01 14:12:30 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.68  | 152  | 276667   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.47 | 136  | 1189782  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.34 | 164  | 699735   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.09 | 188  | 1580906  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.29 | 240  | 1547937  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.53 | 264  | 1336013  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.27  | 112 | 1380957 | 81.78 | ng | 0.00 |
| 7) Phenol-d6             | 6.86  | 99  | 2079952 | 87.44 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.86  | 82  | 2174684 | 84.51 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.84 | 330 | 914648  | 90.68 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 12.95 | 172 | 4462323 | 84.66 | ng | 0.00 |
| 79) Terphenyl-d14        | 19.73 | 244 | 7111040 | 94.77 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.23  | 88  | 279469  | 38.000 | ng | 99     |
| 3) Pyridine                    | 3.63  | 79  | 852211  | 42.481 | ng | 100    |
| 4) n-Nitrosodimethylamine      | 3.56  | 42  | 222304  | 43.560 | ng | 92     |
| 6) Aniline                     | 7.03  | 93  | 1257106 | 43.132 | ng | 99     |
| 8) 2-Chlorophenol              | 7.25  | 128 | 790826  | 42.657 | ng | 98     |
| 9) Benzaldehyde                | 6.85  | 77  | 518232  | 39.816 | ng | 99     |
| 10) Phenol                     | 6.89  | 94  | 1070551 | 42.772 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.12  | 93  | 821036  | 43.002 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.57  | 146 | 863114  | 41.404 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.72  | 146 | 880917  | 41.509 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.03  | 146 | 859388  | 42.157 | ng | 100    |
| 15) Benzyl Alcohol             | 7.93  | 79  | 846625  | 44.792 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.22  | 45  | 819432  | 44.343 | ng | 99     |
| 17) 2-Methylphenol             | 8.13  | 107 | 688909  | 43.245 | ng | 99     |
| 18) Hexachloroethane           | 8.75  | 117 | 329271  | 42.503 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.50  | 70  | 830129  | 45.071 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.46  | 107 | 972850  | 44.225 | ng | 98     |
| 22) Acetophenone               | 8.52  | 105 | 1378068 | 42.177 | ng | 99     |
| 24) Nitrobenzene               | 8.90  | 77  | 1105174 | 41.378 | ng | 99     |
| 25) Isophorone                 | 9.42  | 82  | 1802362 | 43.899 | ng | 99     |
| 26) 2-Nitrophenol              | 9.60  | 139 | 475886  | 44.741 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 9.65  | 122 | 672421  | 43.283 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 9.90  | 93  | 1135092 | 42.753 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 10.12 | 162 | 769335  | 43.128 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.33 | 180 | 853074  | 41.410 | ng | 98     |
| 31) Naphthalene                | 10.52 | 128 | 2399796 | 41.357 | ng | 100    |
| 32) Benzoic acid               | 9.83  | 122 | 537107  | 39.634 | ng | 96     |
| 33) 4-Chloroaniline            | 10.65 | 127 | 1126271 | 43.420 | ng | 99     |
| 34) Hexachlorobutadiene        | 10.79 | 225 | 479124  | 40.069 | ng | 100    |
| 35) Caprolactam                | 11.47 | 113 | 309619  | 42.530 | ng | 95     |
| 36) 4-Chloro-3-methylphenol    | 11.77 | 107 | 930112  | 43.247 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.14 | 142 | 1730300 | 42.353 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.36 | 142 | 1687643 | 42.243 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.51 | 216 | 924728  | 41.312 | ng | 100    |

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 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

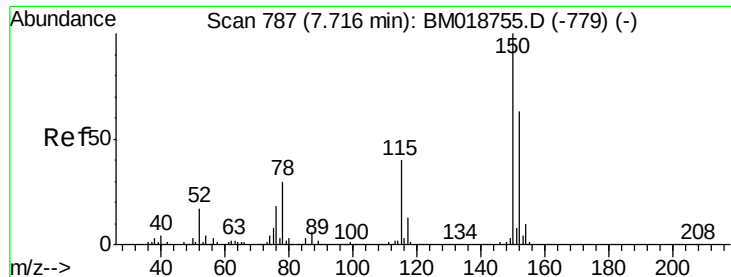
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Mar 01 14:17:15 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 01 14:12:30 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.47 | 237  | 454424   | 39.708 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 12.76 | 196  | 639885   | 43.183 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.83 | 196  | 665748   | 42.865 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.16 | 154  | 2530773  | 42.017 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 13.21 | 162  | 1953820  | 41.998 | ng    | 100      |
| 48) 2-Nitroaniline             | 13.43 | 65   | 703302   | 45.518 | ng    | 99       |
| 49) Acenaphthylene             | 14.06 | 152  | 2960399  | 42.736 | ng    | 99       |
| 50) Dimethylphthalate          | 13.81 | 163  | 2480160  | 42.530 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 13.93 | 165  | 560926   | 44.404 | ng    | 98       |
| 52) Acenaphthene               | 14.40 | 154  | 1793743  | 42.229 | ng    | 100      |
| 53) 3-Nitroaniline             | 14.27 | 138  | 608079   | 42.602 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 14.47 | 184  | 311034   | 41.770 | ng    | 99       |
| 55) Dibenzofuran               | 14.74 | 168  | 2926132  | 41.912 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.58 | 139  | 565639   | 49.643 | ng    | 96       |
| 57) 2,4-Dinitrotoluene         | 14.73 | 165  | 779354   | 44.777 | ng    | 97       |
| 58) Fluorene                   | 15.39 | 166  | 2294422  | 42.958 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.97 | 232  | 572239   | 41.683 | ng    | 100      |
| 60) Diethylphthalate           | 15.17 | 149  | 2559369  | 42.546 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.39 | 204  | 1243156  | 41.512 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.44 | 138  | 593045   | 42.381 | ng    | 98       |
| 63) Azobenzene                 | 15.68 | 77   | 2796040  | 43.350 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.49 | 198  | 482305   | 43.452 | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.61 | 169  | 2158545  | 43.217 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.28 | 248  | 749763   | 42.370 | ng    | 99       |
| 68) Hexachlorobenzene          | 16.39 | 284  | 864841   | 42.047 | ng    | 98       |
| 69) Atrazine                   | 16.56 | 200  | 579602   | 35.995 | ng    | 99       |
| 70) Pentachlorophenol          | 16.74 | 266  | 567332   | 42.838 | ng    | 99       |
| 71) Phenanthrene               | 17.13 | 178  | 3559260  | 41.893 | ng    | 100      |
| 72) Anthracene                 | 17.23 | 178  | 3551611  | 42.949 | ng    | 100      |
| 73) Carbazole                  | 17.50 | 167  | 3655924  | 42.316 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.06 | 149  | 4399694  | 44.280 | ng    | 100      |
| 75) Fluoranthene               | 19.16 | 202  | 3995047  | 40.708 | ng    | 99       |
| 77) Benzidine                  | 19.36 | 184  | 1591643  | 45.656 | ng    | 99       |
| 78) Pyrene                     | 19.52 | 202  | 4189226  | 46.597 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.42 | 149  | 1986727  | 48.490 | ng    | 100      |
| 81) Benzo(a)anthracene         | 21.27 | 228  | 3760413  | 41.675 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.22 | 252  | 1514034  | 42.456 | ng    | 99       |
| 83) Chrysene                   | 21.33 | 228  | 3577976  | 41.370 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.19 | 149  | 2764964  | 46.108 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 22.07 | 149  | 4246711  | 42.135 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 25.81 | 276  | 3372510  | 33.775 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 22.86 | 252  | 3291378  | 43.059 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 22.90 | 252  | 3259127  | 42.827 | ng    | 100      |
| 90) Benzo(a)pyrene             | 23.44 | 252  | 3034295  | 41.903 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 25.83 | 278  | 2876557  | 40.096 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 26.51 | 276  | 2698976  | 40.410 | ng    | 99       |

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



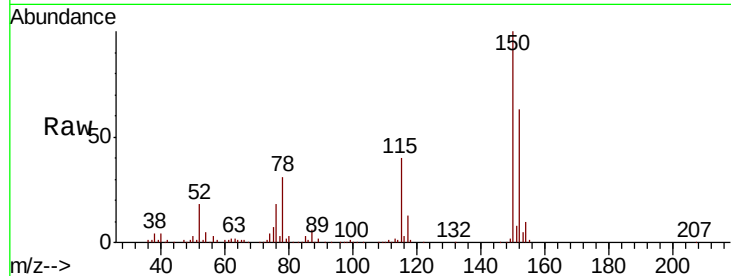


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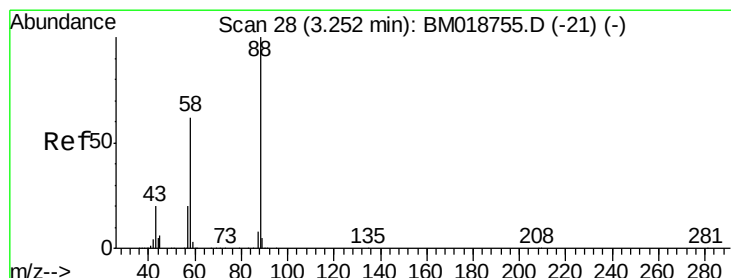
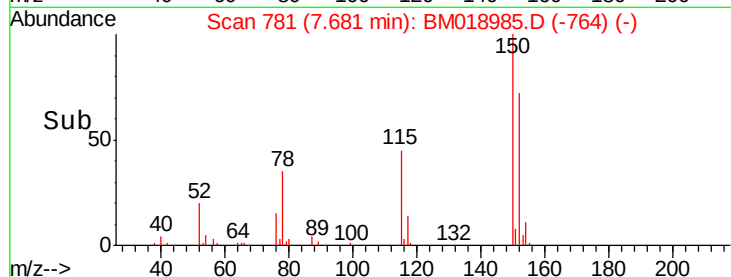
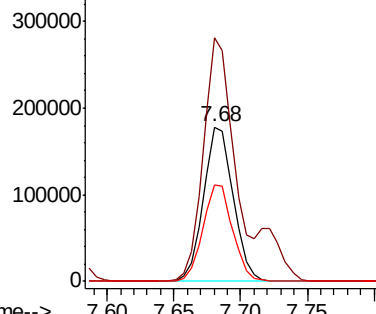
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.68 min Scan# 781  
Delta R.T. 0.00 min  
Lab File: BM018985.D  
Acq: 01 Mar 2019 12:56

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:152 Resp: 276667  
Ion Ratio Lower Upper  
152 100  
150 157.8 127.3 190.9  
115 62.8 50.8 76.2



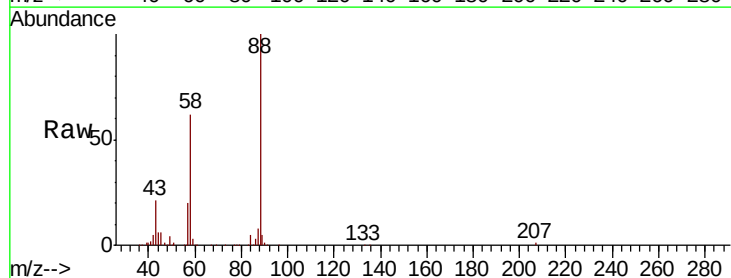
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



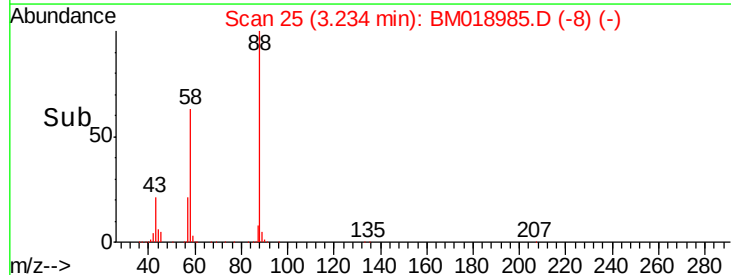
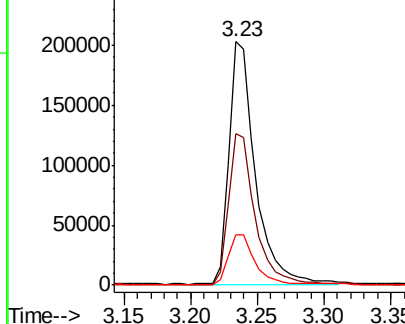
#2

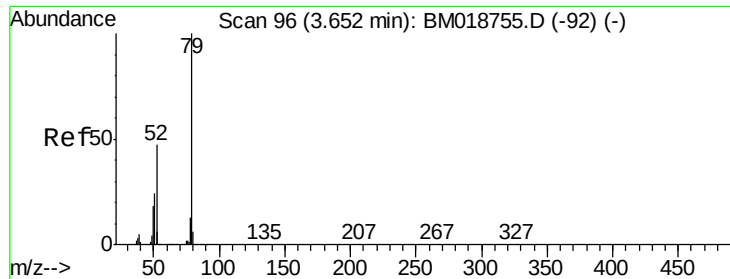
1,4-Dioxane  
Concen: 38.000 ng  
RT: 3.23 min Scan# 25  
Delta R.T. 0.00 min  
Lab File: BM018985.D  
Acq: 01 Mar 2019 12:56

Tgt Ion: 88 Resp: 279469  
Ion Ratio Lower Upper  
88 100  
58 63.0 49.8 74.6  
43 21.1 16.7 25.1



Abundance Ion 88.00 (87.70 to 88.70): BM0  
Ion 58.00 (57.70 to 58.70): BM0  
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 42.481 ng

RT: 3.63 min Scan# 93

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

Instrument :

BNA\_M

ClientSampled :

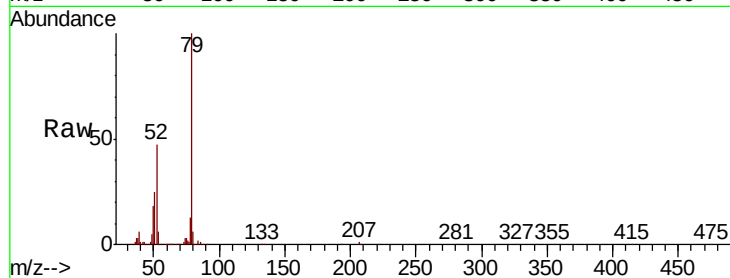
Tot Ion: 79 Resp: 852211

Ion Ratio Lower Upper

79 100

52 47.2 37.6 56.4

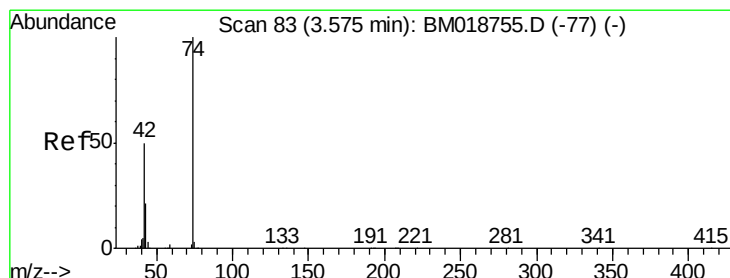
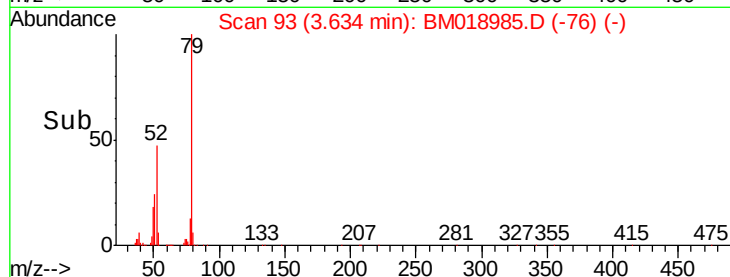
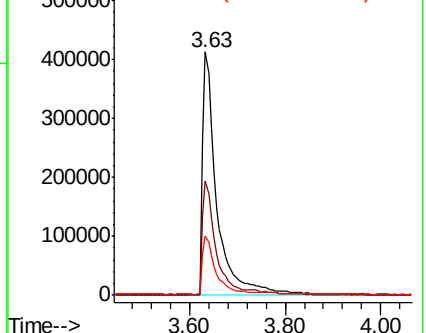
51 24.6 19.7 29.5



Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-92) (-)

Ion 52.00 (51.70 to 52.70): BM018755.D (-92) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-92) (-)



#4

n-Nitrosodimethylamine

Concen: 43.560 ng

RT: 3.56 min Scan# 80

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

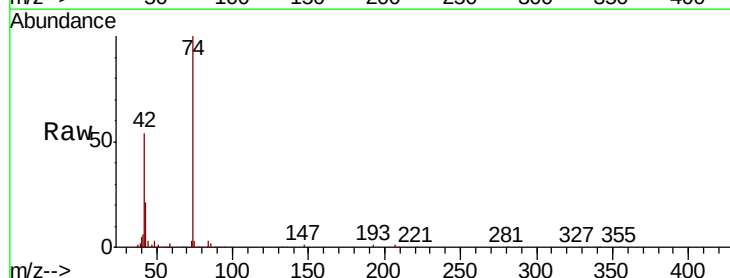
Tgt Ion: 42 Resp: 222304

Ion Ratio Lower Upper

42 100

74 185.1 158.1 237.1

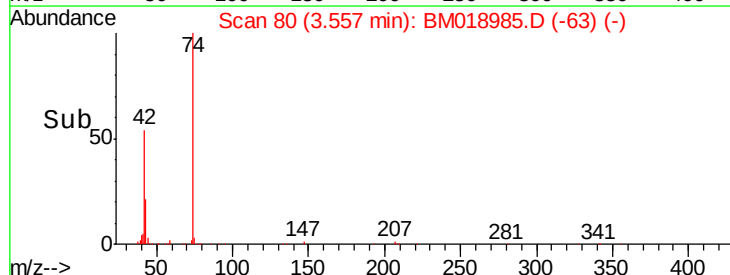
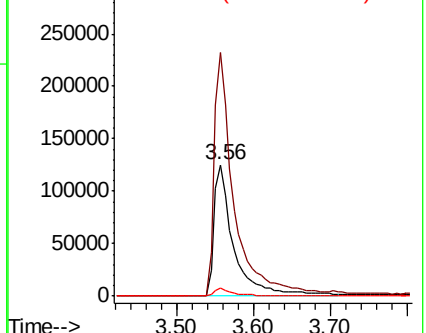
44 5.9 4.9 7.3

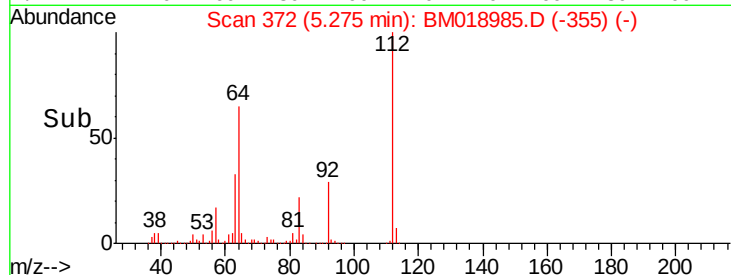
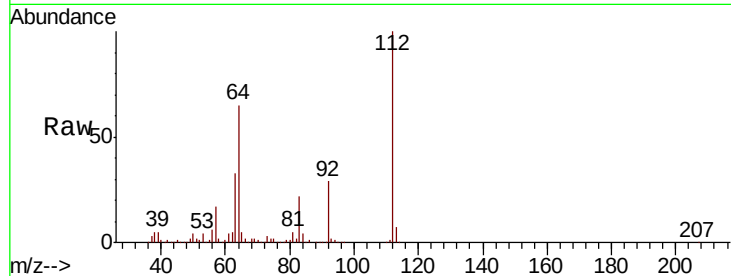
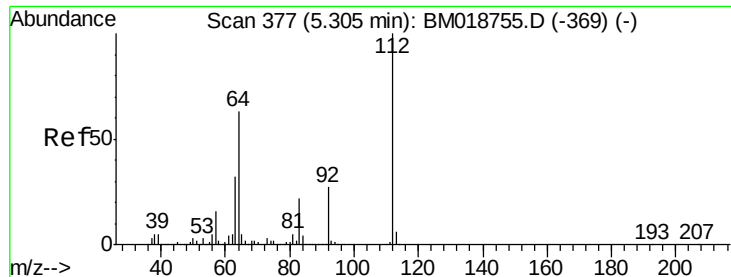


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM018755.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM018755.D (-77) (-)

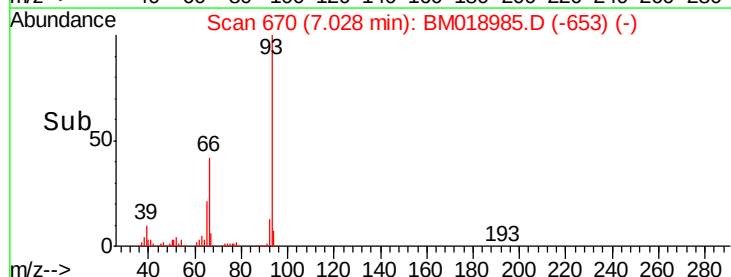
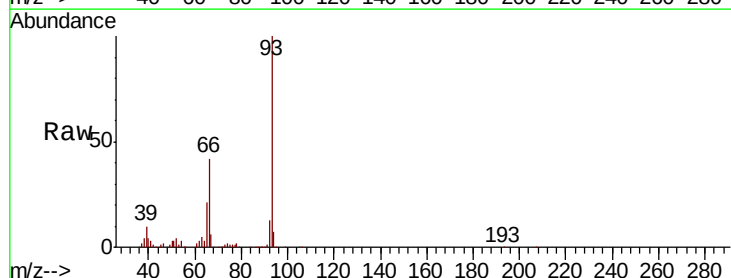
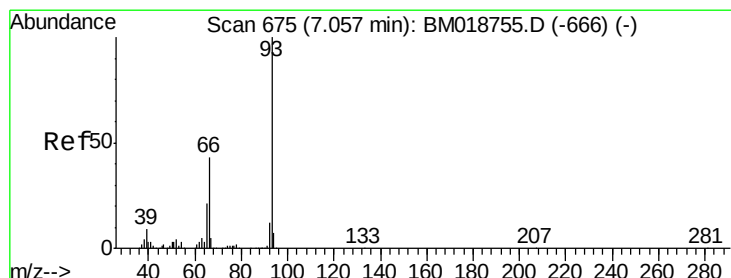
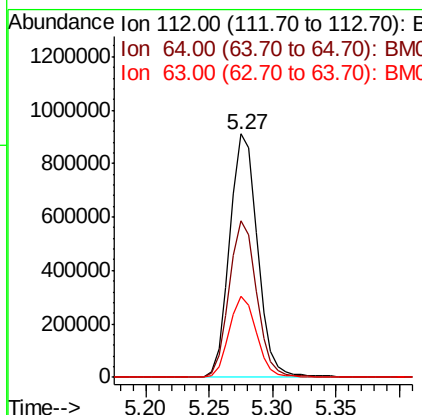




#5  
2-Fluorophenol  
Concen: 81.783 ng  
RT: 5.27 min Scan# 372  
Delta R.T. 0.00 min  
Lab File: BM018985.D  
Acq: 01 Mar 2019 12:56

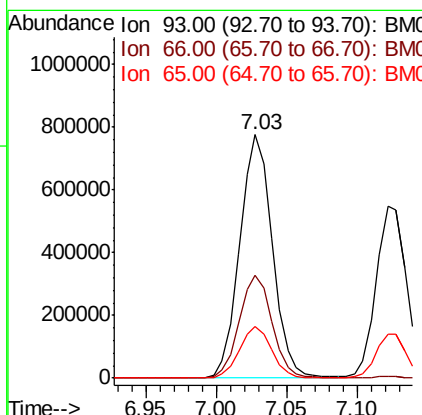
Instrument :  
BNA\_M  
ClientSampleId :

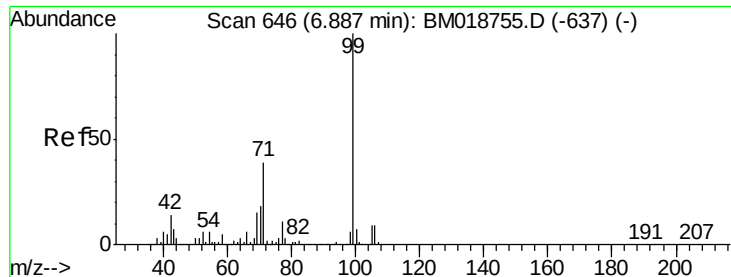
Tot Ion:112 Resp: 1380957  
Ion Ratio Lower Upper  
112 100  
64 64.5 50.6 75.8  
63 33.4 25.7 38.5



#6  
Aniline  
Concen: 43.132 ng  
RT: 7.03 min Scan# 670  
Delta R.T. 0.00 min  
Lab File: BM018985.D  
Acq: 01 Mar 2019 12:56

Tgt Ion: 93 Resp: 1257106  
Ion Ratio Lower Upper  
93 100  
66 42.1 34.1 51.1  
65 21.3 16.6 24.8





#7

Phenol-d6

Concen: 87.438 ng

RT: 6.86 min Scan# 642

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

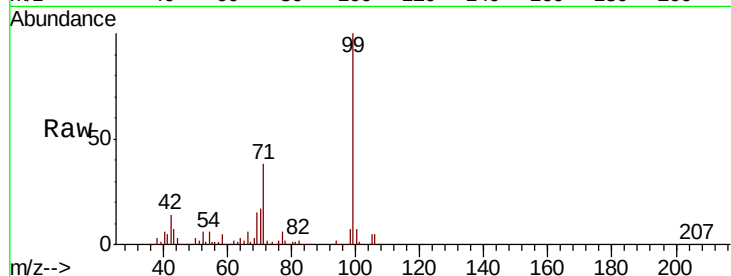
Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 99 Resp: 2079952

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 13.9  | 11.0  | 16.6  |
| 71  | 37.6  | 31.3  | 46.9  |

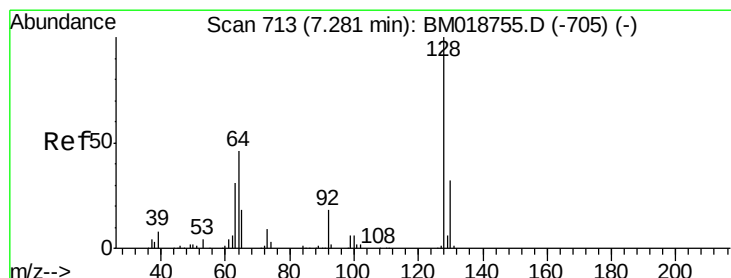
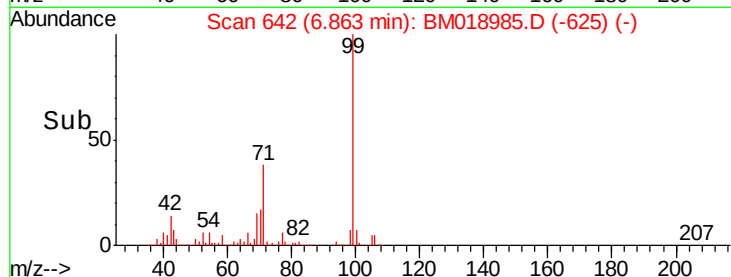
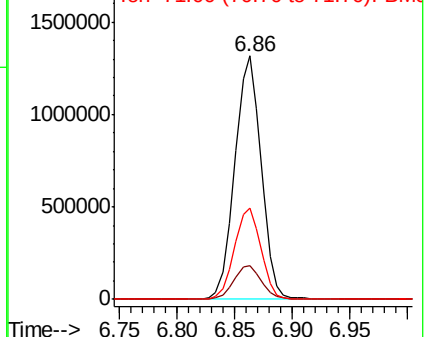


Abundance

Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#8

2-Chlorophenol

Concen: 42.657 ng

RT: 7.25 min Scan# 708

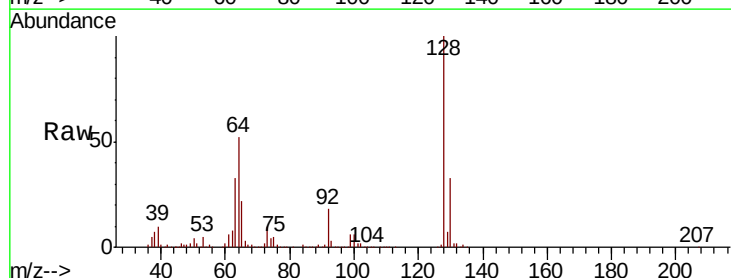
Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

Tgt Ion: 128 Resp: 790826

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.1  | 11.7  | 51.7  |
| 64  | 51.9  | 31.0  | 71.0  |

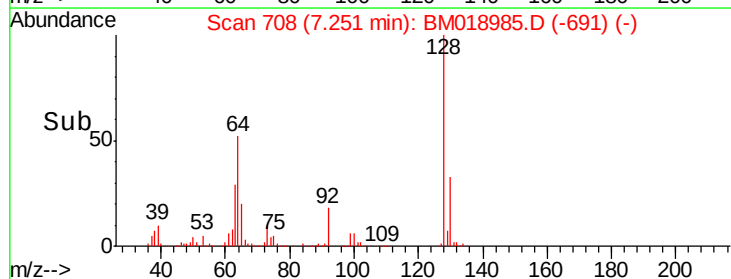
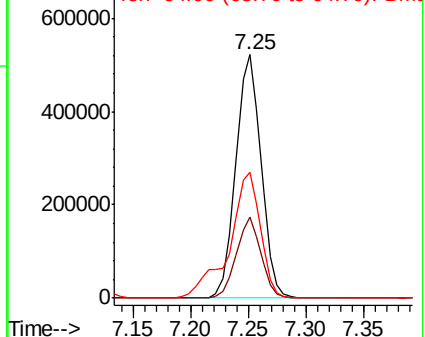


Abundance

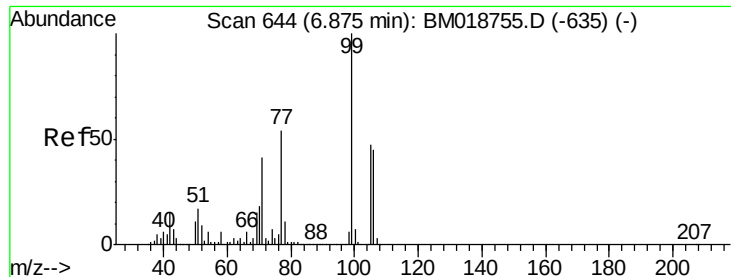
Ion 128.00 (127.70 to 128.70): BM018755.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM018755.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM018755.D (-705) (-)







#9

Benzaldehyde

Concen: 39.816 ng

RT: 6.85 min Scan# 639

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

Instrument :

BNA\_M

ClientSampled :

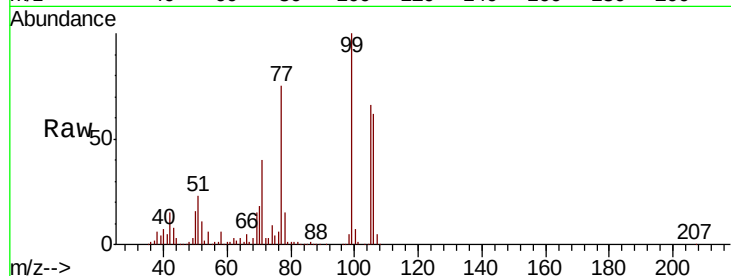
Tot Ion: 77 Resp: 518232

Ion Ratio Lower Upper

77 100

105 88.0 67.3 107.3

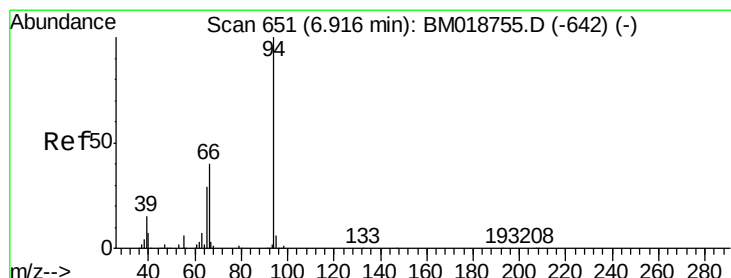
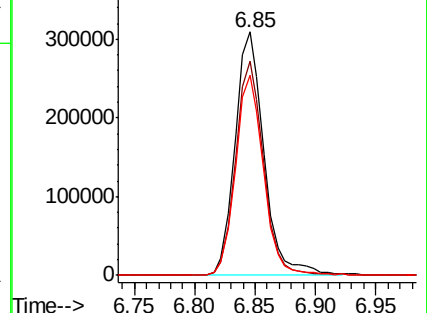
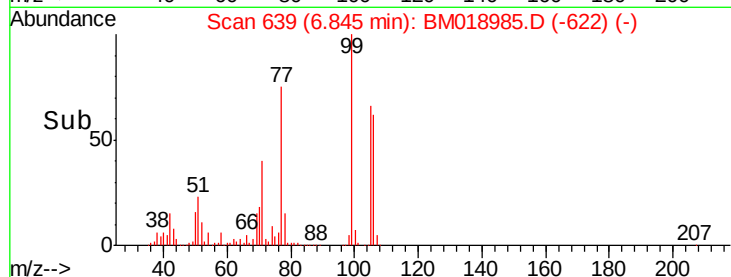
106 82.0 62.9 102.9



Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-635) (-)

Ion 105.00 (104.70 to 105.70): BM018755.D (-635) (-)

Ion 106.00 (105.70 to 106.70): BM018755.D (-635) (-)



#10

Phenol

Concen: 42.772 ng

RT: 6.89 min Scan# 646

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

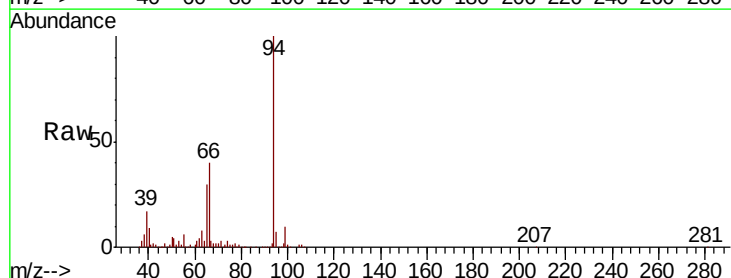
Tgt Ion: 94 Resp: 1070551

Ion Ratio Lower Upper

94 100

65 30.2 9.6 49.6

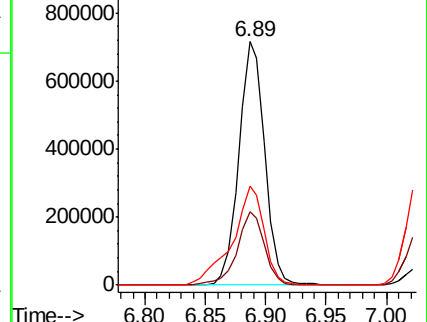
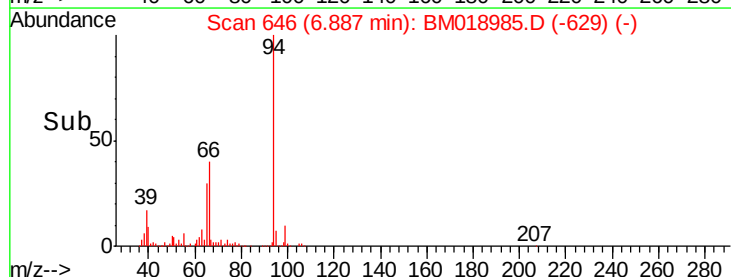
66 40.4 20.4 60.4



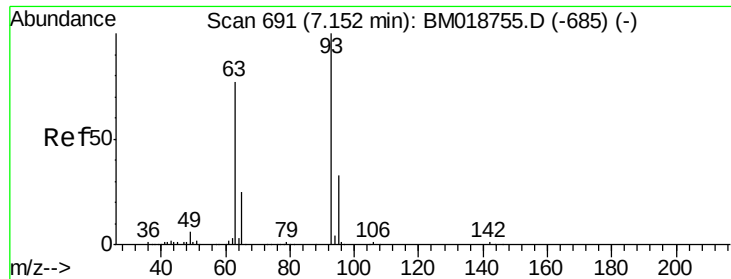
Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018755.D (-642) (-)



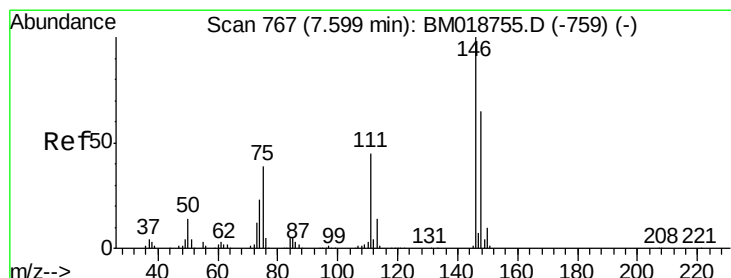
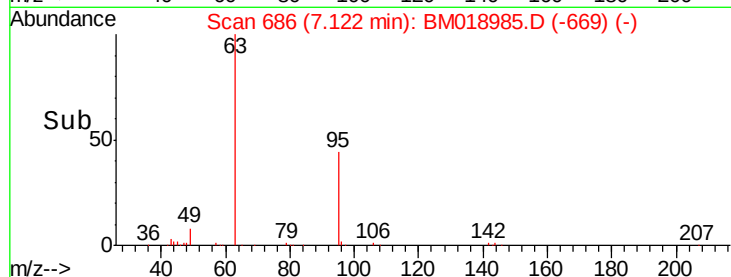
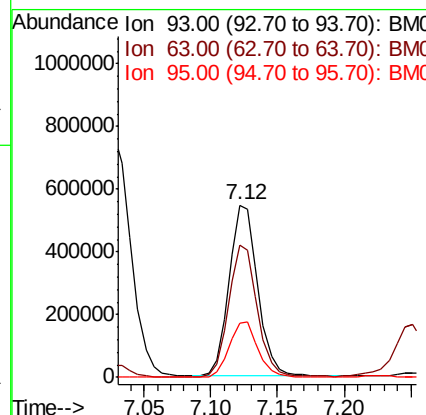
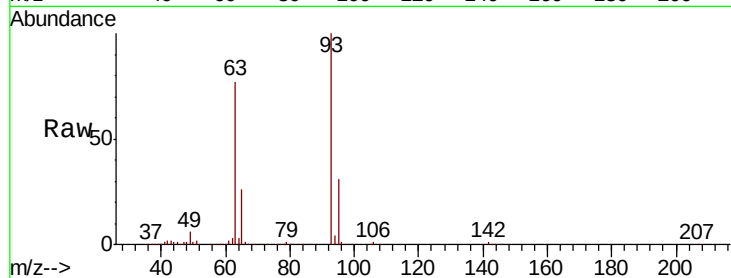




#11  
bis(2-Chloroethyl)ether  
Concen: 43.002 ng  
RT: 7.12 min Scan# 686  
Delta R.T. 0.00 min  
Lab File: BM018985.D  
Acq: 01 Mar 2019 12:56

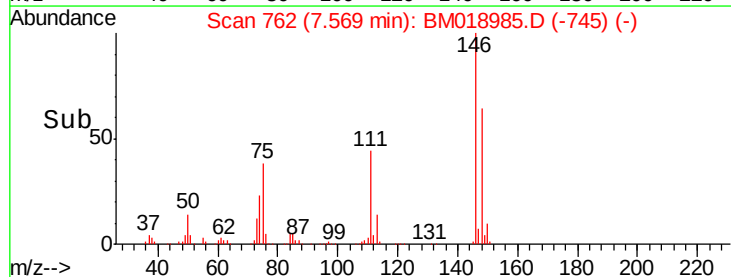
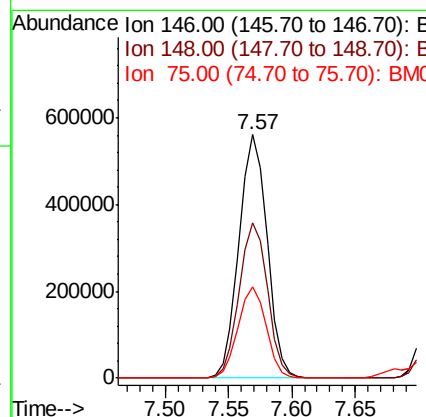
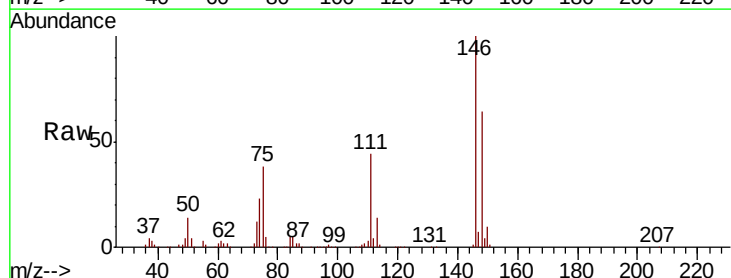
Instrument :  
BNA\_M  
ClientSampled :

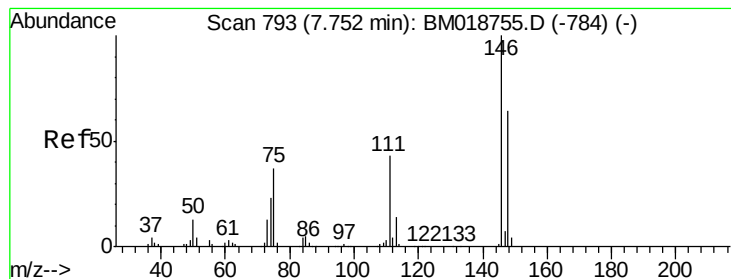
Tot Ion: 93 Resp: 821036  
Ion Ratio Lower Upper  
93 100  
63 76.9 57.0 97.0  
95 31.5 12.4 52.4



#12  
1,3-Dichlorobenzene  
Concen: 41.404 ng  
RT: 7.57 min Scan# 762  
Delta R.T. 0.00 min  
Lab File: BM018985.D  
Acq: 01 Mar 2019 12:56

Tgt Ion: 146 Resp: 863114  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.7 77.5  
75 37.5 31.3 46.9





#13

1,4-Dichlorobenzene

Concen: 41.509 ng

RT: 7.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

Instrument :

BNA\_M

ClientSampleId :

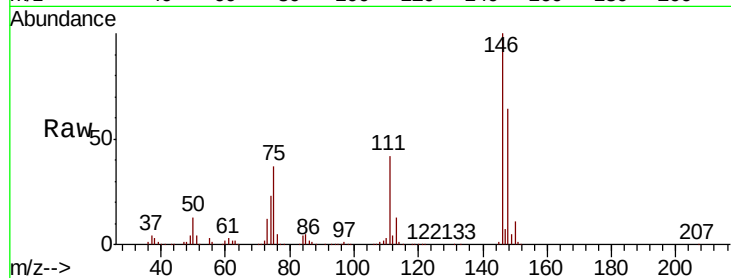
Tot Ion:146 Resp: 880917

Ion Ratio Lower Upper

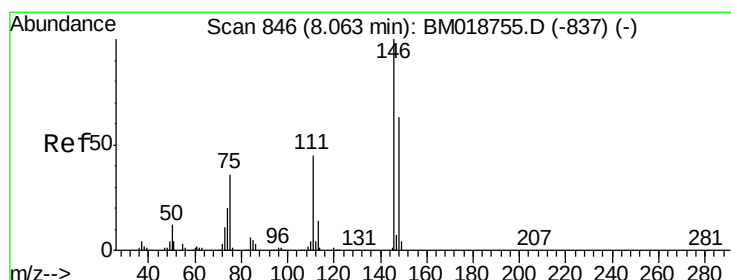
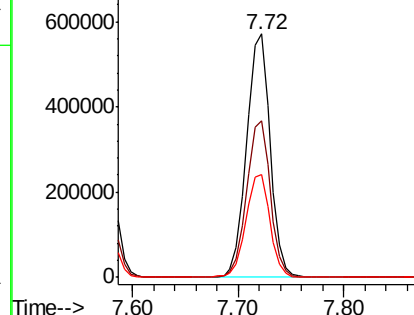
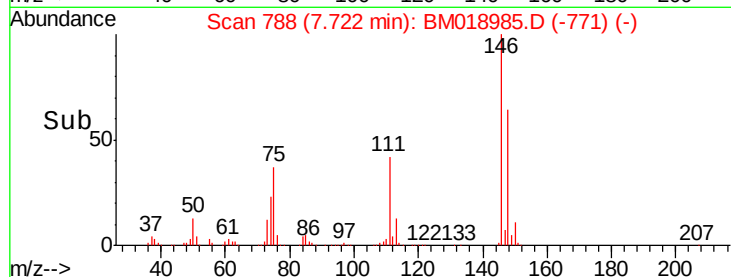
146 100

148 64.1 51.4 77.2

111 42.4 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.157 ng

RT: 8.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

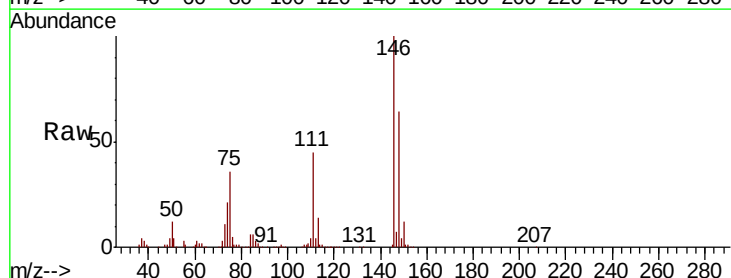
Tgt Ion:146 Resp: 859388

Ion Ratio Lower Upper

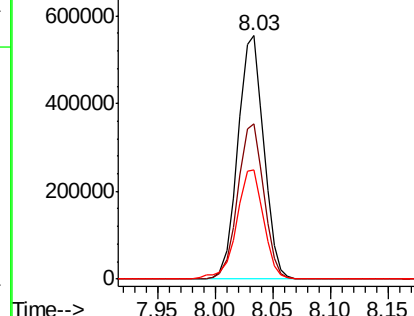
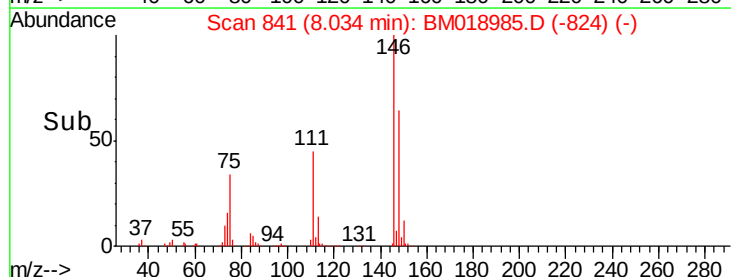
146 100

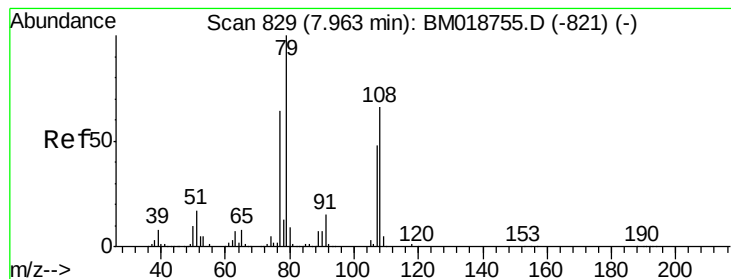
148 63.8 50.7 76.1

111 44.9 35.9 53.9



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.792 ng

RT: 7.93 min Scan# 824

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

Instrument :

BNA\_M

ClientSampleId :

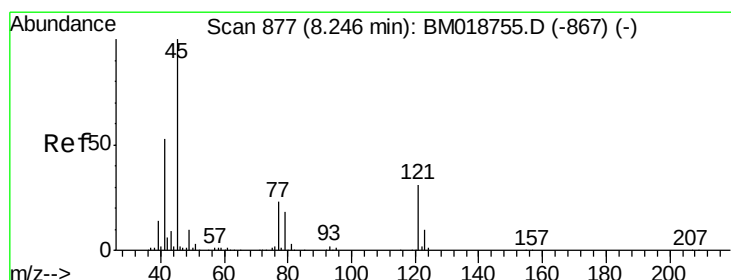
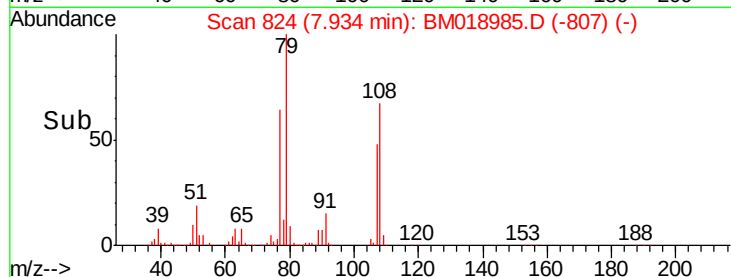
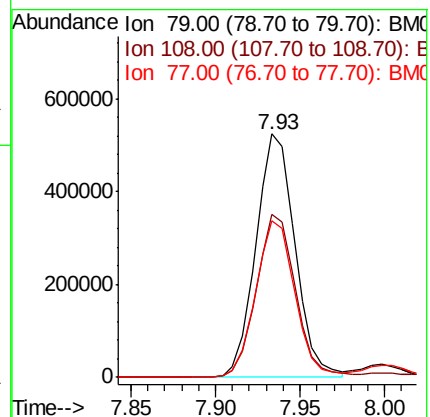
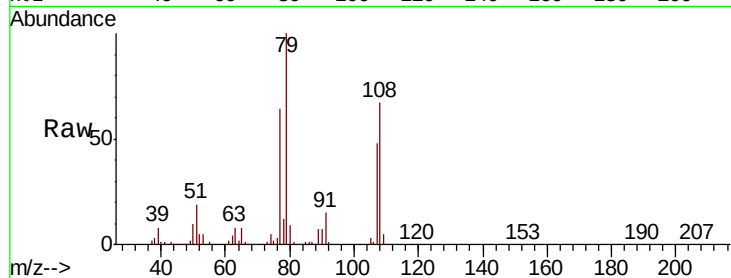
Tot Ion: 79 Resp: 846625

Ion Ratio Lower Upper

79 100

108 67.0 52.7 79.1

77 64.3 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.343 ng

RT: 8.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

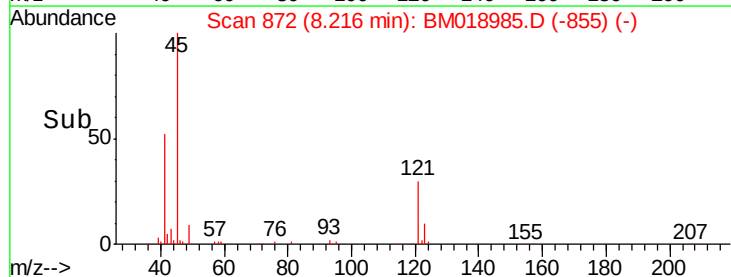
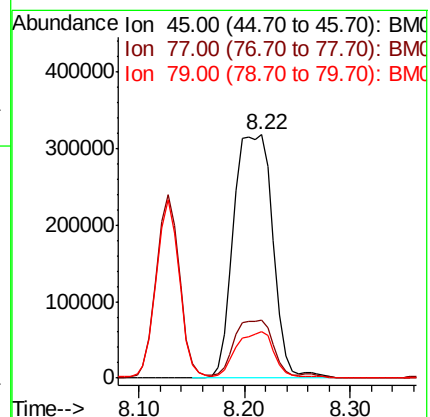
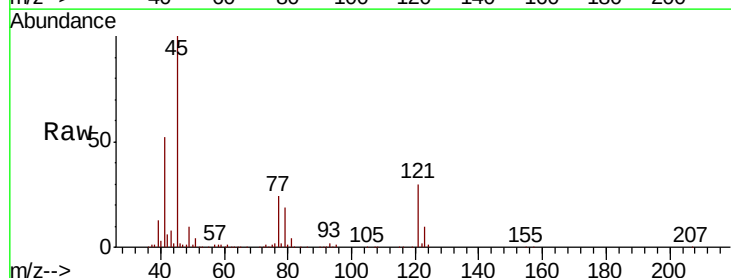
Tgt Ion: 45 Resp: 819432

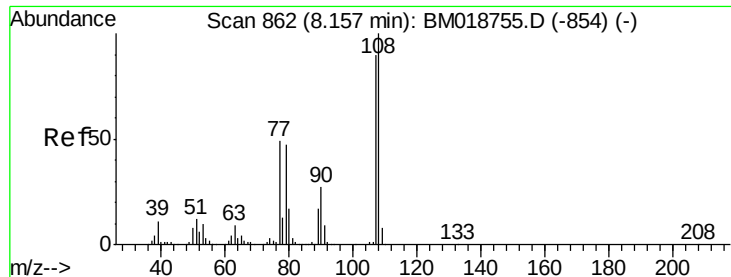
Ion Ratio Lower Upper

45 100

77 24.0 5.0 45.0

79 19.1 0.0 39.3

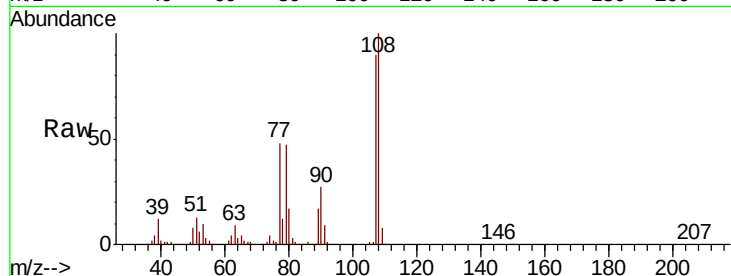




#17  
2-Methylphenol  
Concen: 43.245 ng  
RT: 8.13 min Scan# 857  
Delta R.T. 0.00 min  
Lab File: BM018985.D  
Acq: 01 Mar 2019 12:56

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 110.6 | 88.8  | 133.2 |
| 77      | 53.2  | 44.0  | 66.0  |
| 79      | 51.7  | 42.4  | 63.6  |



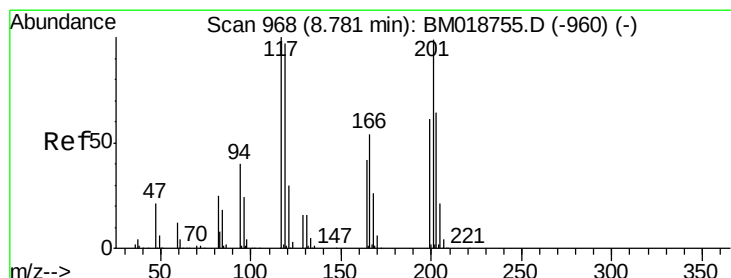
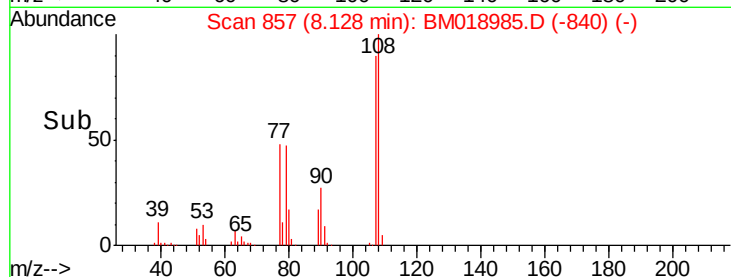
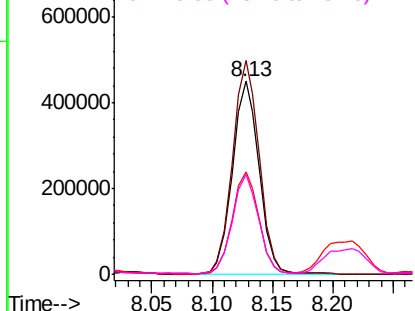
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

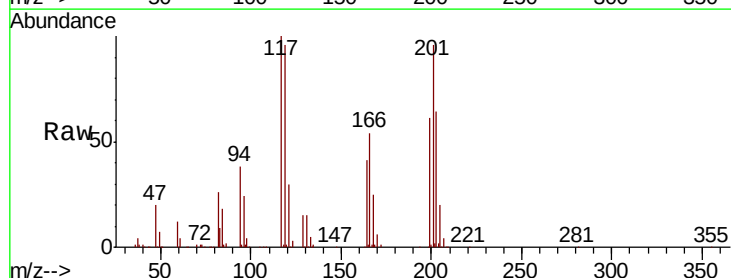
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18  
Hexachloroethane  
Concen: 42.503 ng  
RT: 8.75 min Scan# 962  
Delta R.T. 0.00 min  
Lab File: BM018985.D  
Acq: 01 Mar 2019 12:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.3  | 77.9  | 116.9 |
| 201     | 96.0  | 79.2  | 118.8 |

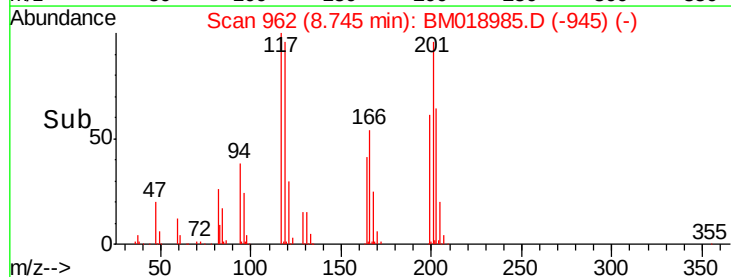
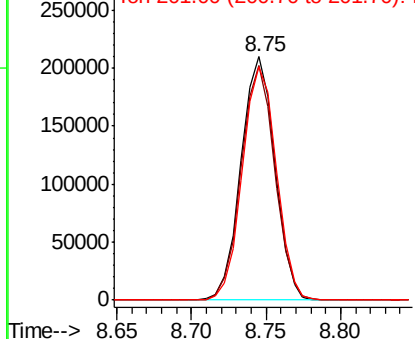


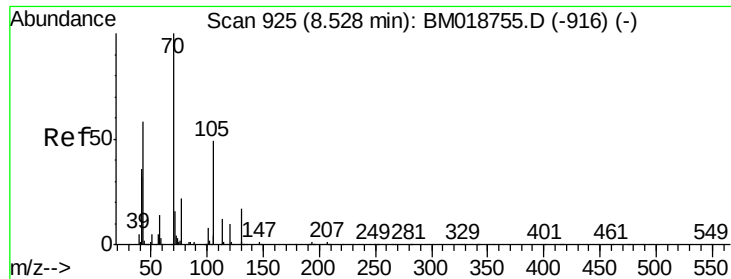
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

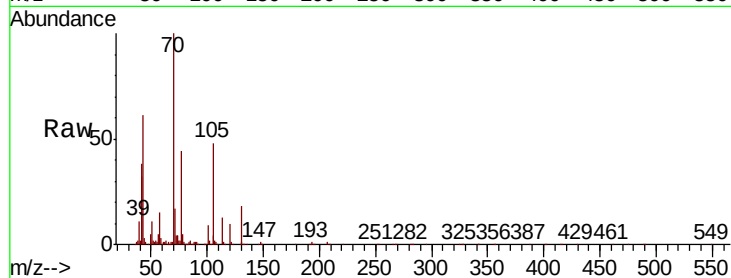




#19  
n-Nitroso-di-n-propylamine  
Concen: 45.071 ng  
RT: 8.50 min Scan# 920  
Delta R.T. 0.00 min  
Lab File: BM018985.D  
Acq: 01 Mar 2019 12:56

Instrument :  
BNA\_M  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 830129 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 37.9  | 29.4  | 44.0   |
| 101      | 8.9   | 6.7   | 10.1   |
| 130      | 18.0  | 14.0  | 21.0   |



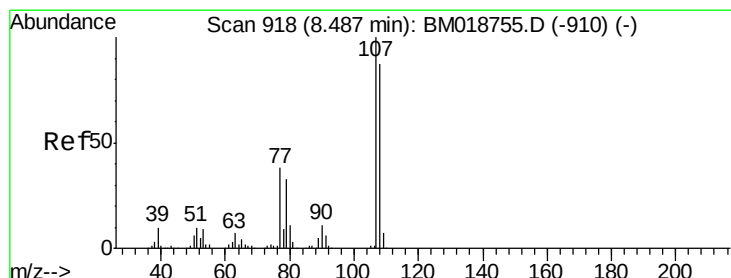
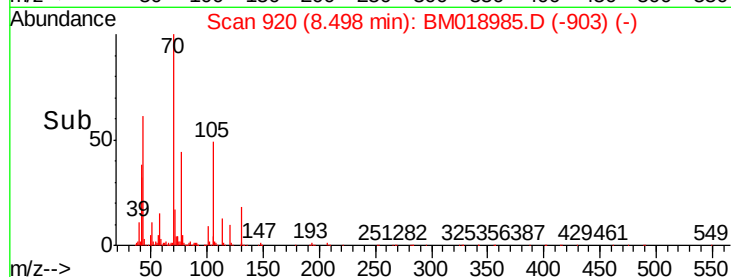
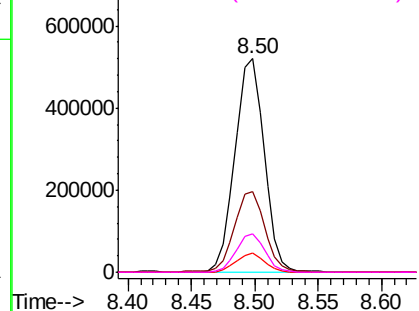
Abundance

Ion 70.00 (69.70 to 70.70): BM018755.D (-916) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-916) (-)

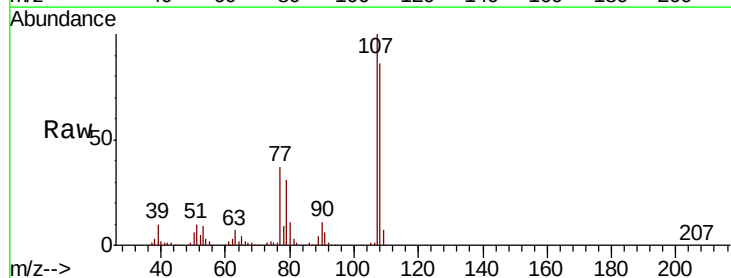
Ion 101.00 (100.70 to 101.70): BM018755.D (-916) (-)

Ion 130.00 (129.70 to 130.70): BM018755.D (-916) (-)



#20  
3+4-Methylphenols  
Concen: 44.225 ng  
RT: 8.46 min Scan# 913  
Delta R.T. 0.00 min  
Lab File: BM018985.D  
Acq: 01 Mar 2019 12:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 972850 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 85.6  | 67.3  | 107.3  |
| 77       | 36.8  | 18.0  | 58.0   |
| 79       | 31.4  | 12.8  | 52.8   |



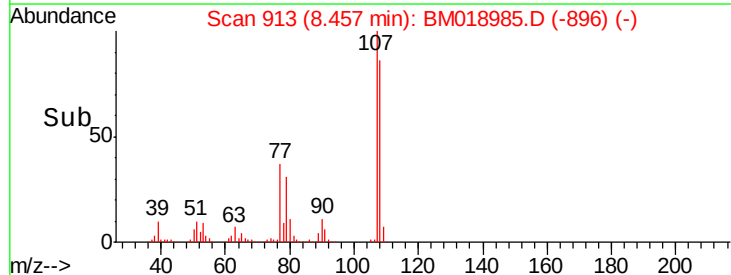
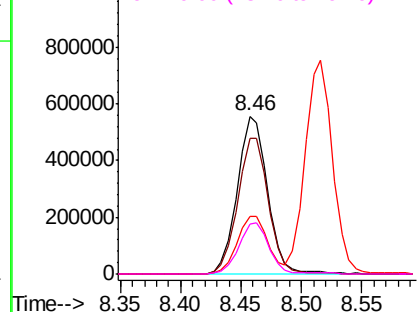
Abundance

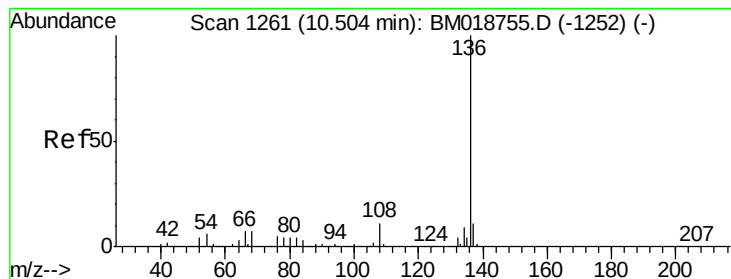
Ion 107.00 (106.70 to 107.70): BM018755.D (-910) (-)

Ion 108.00 (107.70 to 108.70): BM018755.D (-910) (-)

Ion 77.00 (76.70 to 77.70): BM018755.D (-910) (-)

Ion 79.00 (78.70 to 79.70): BM018755.D (-910) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

Instrument :

BNA\_M

ClientSampleId :

Tot Ion:136 Resp: 1189782

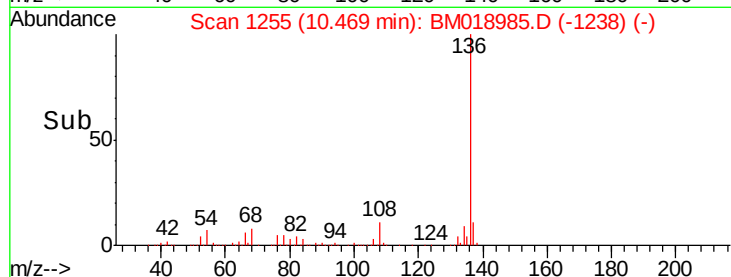
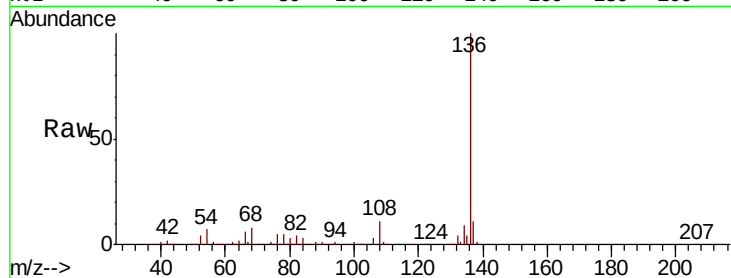
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.0 5.0 7.6

68 7.6 5.5 8.3



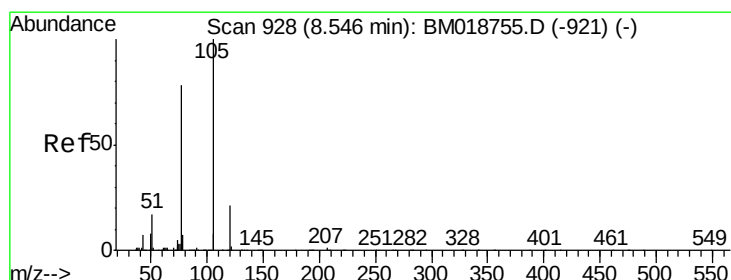
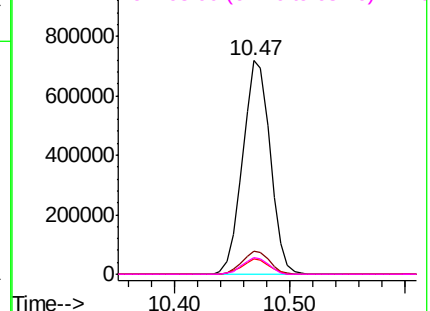
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 42.177 ng

RT: 8.52 min Scan# 923

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

Tgt Ion:105 Resp: 1378068

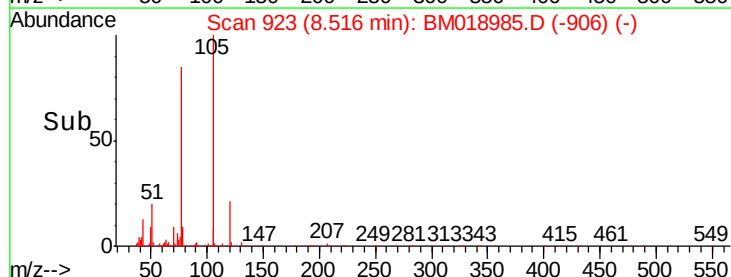
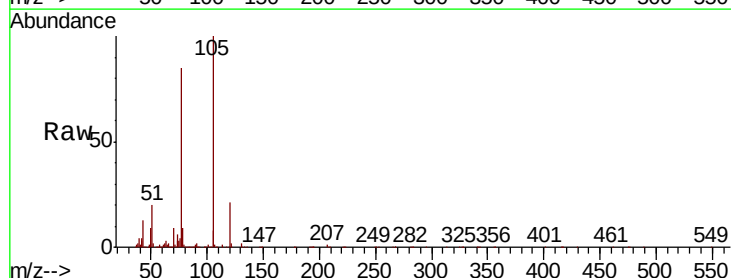
Ion Ratio Lower Upper

105 100

71 1.5 1.1 1.7

51 20.1 15.5 23.3

120 21.4 17.0 25.4



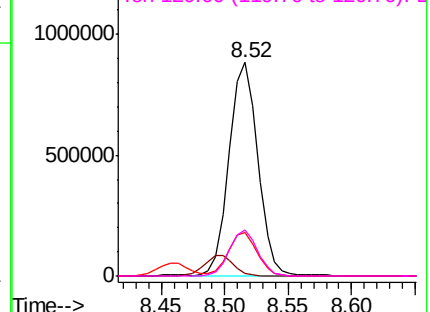
Abundance

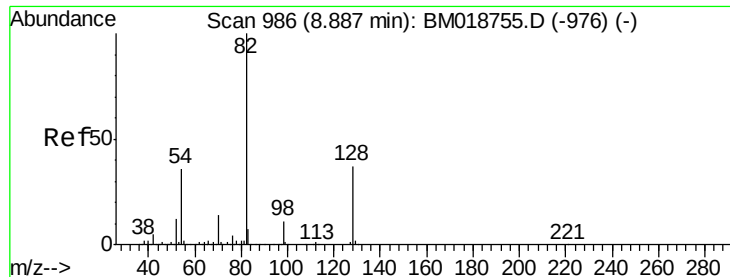
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 84.515 ng

RT: 8.86 min Scan# 981

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

Instrument :

BNA\_M

ClientSampleId :

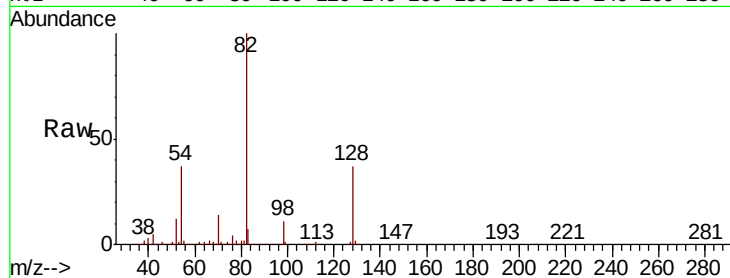
Tot Ion: 82 Resp: 2174684

Ion Ratio Lower Upper

82 100

128 37.2 29.9 44.9

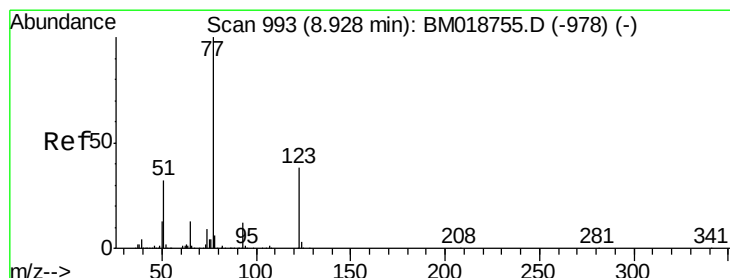
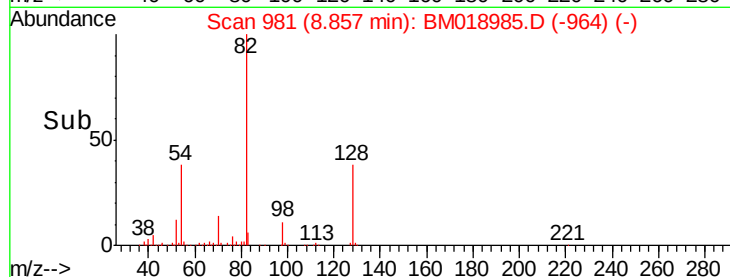
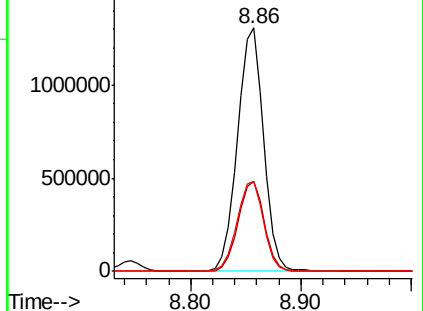
54 37.2 29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)

Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)



#24

Nitrobenzene

Concen: 41.378 ng

RT: 8.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

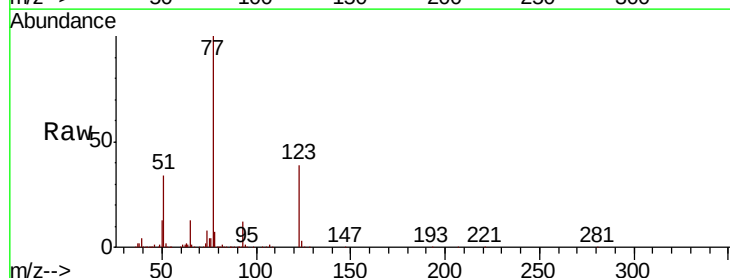
Tgt Ion: 77 Resp: 1105174

Ion Ratio Lower Upper

77 100

123 38.9 30.7 46.1

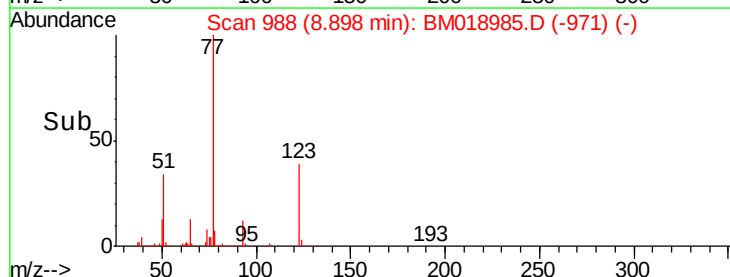
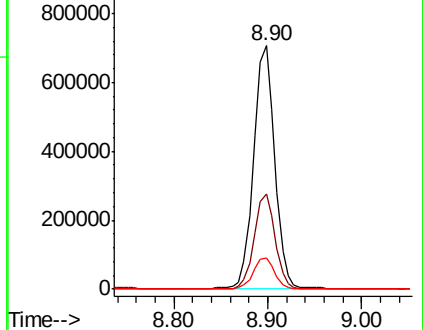
65 12.8 10.5 15.7



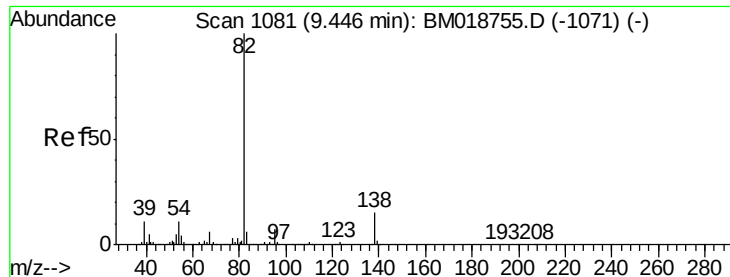
Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-978) (-)

Ion 123.00 (122.70 to 123.70): BM018755.D (-978) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-978) (-)







#25

Isophorone

Concen: 43.899 ng

RT: 9.42 min Scan# 1076

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

Instrument :

BNA\_M

ClientSampled :

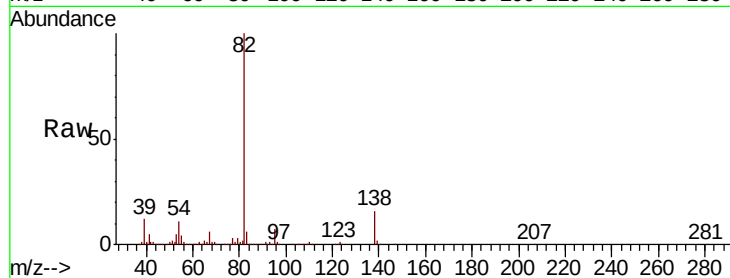
Tot Ion: 82 Resp: 1802362

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

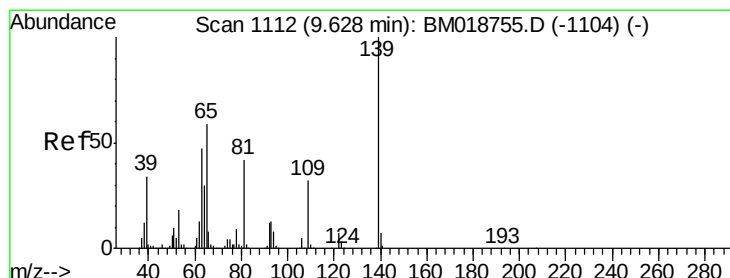
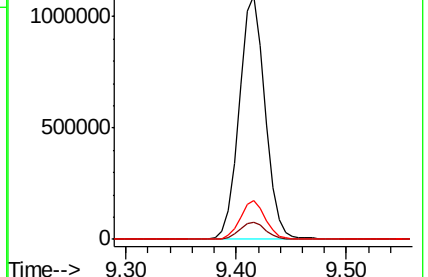
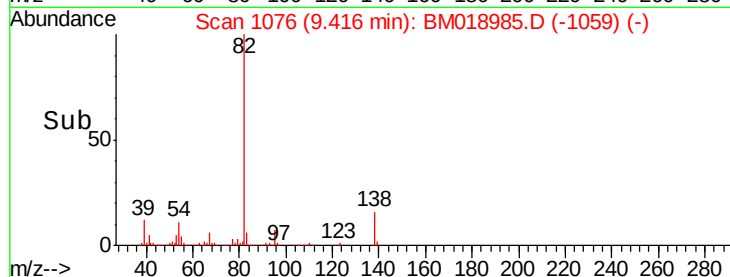
138 15.9 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-1071) (-)

Ion 95.00 (94.70 to 95.70): BM018755.D (-1071) (-)

Ion 138.00 (137.70 to 138.70): BM018755.D (-1071) (-)



#26

2-Nitrophenol

Concen: 44.741 ng

RT: 9.60 min Scan# 1107

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

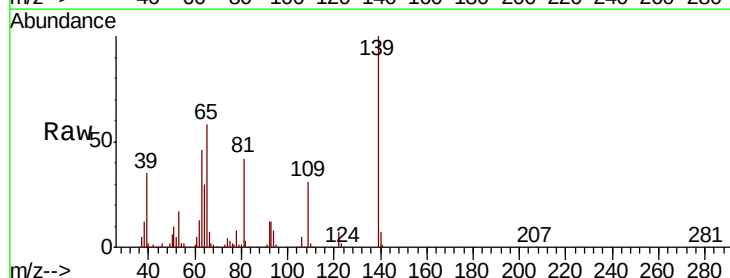
Tgt Ion: 139 Resp: 475886

Ion Ratio Lower Upper

139 100

109 30.8 25.2 37.8

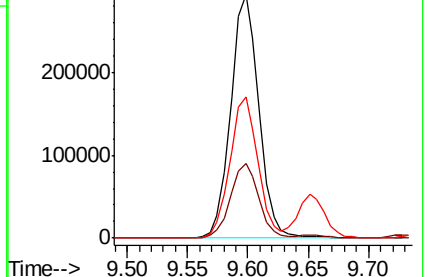
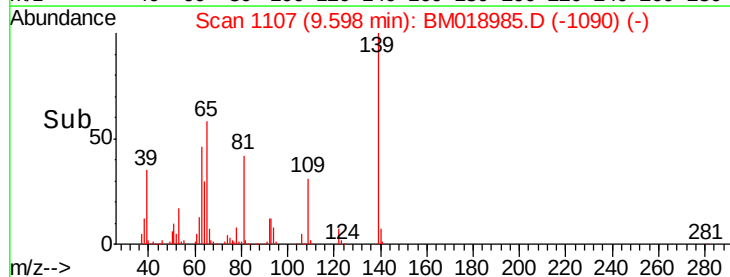
65 57.8 47.0 70.4

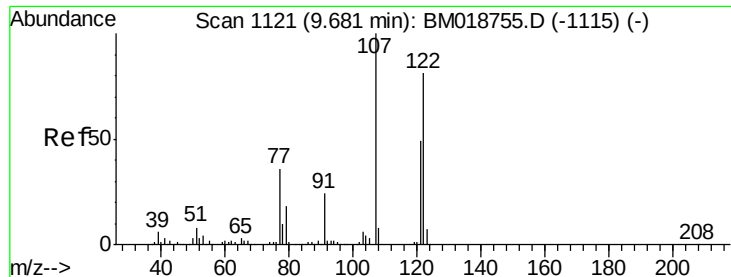


Abundance Ion 139.00 (138.70 to 139.70): BM018755.D (-1104) (-)

Ion 109.00 (108.70 to 109.70): BM018755.D (-1104) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-1104) (-)

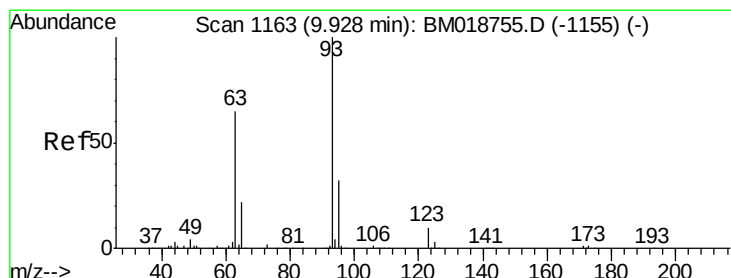
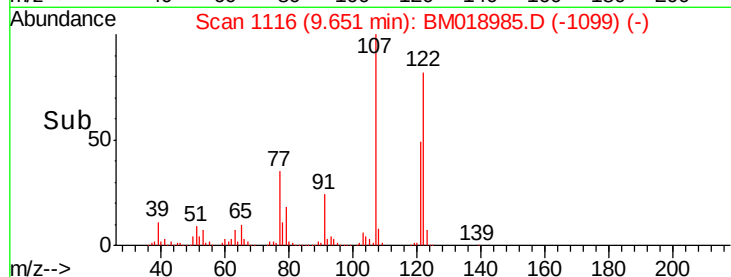
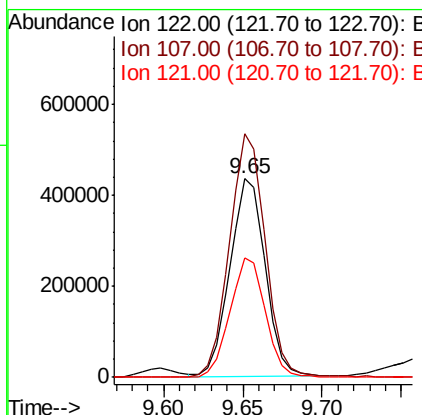
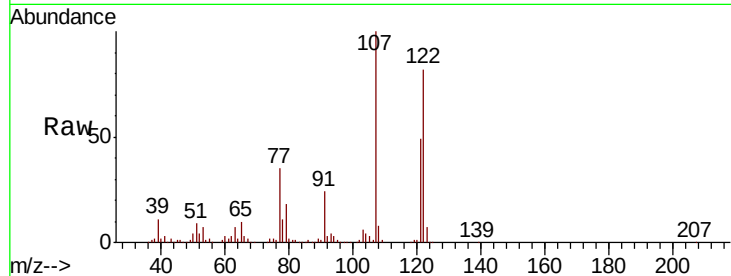




#27  
 2,4-Dimethylphenol  
 Concen: 43.283 ng  
 RT: 9.65 min Scan# 1116  
 Delta R.T. 0.00 min  
 Lab File: BM018985.D  
 Acq: 01 Mar 2019 12:56

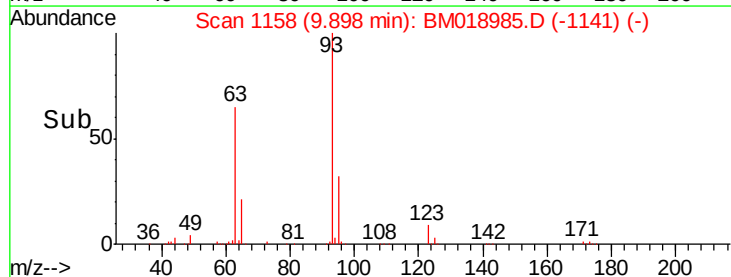
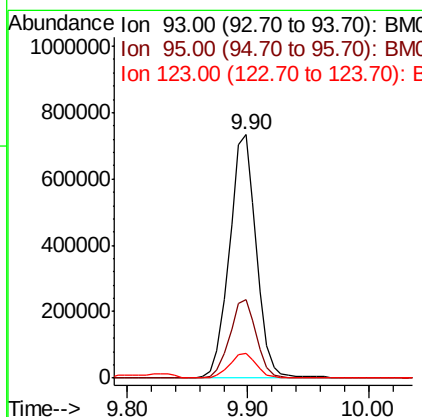
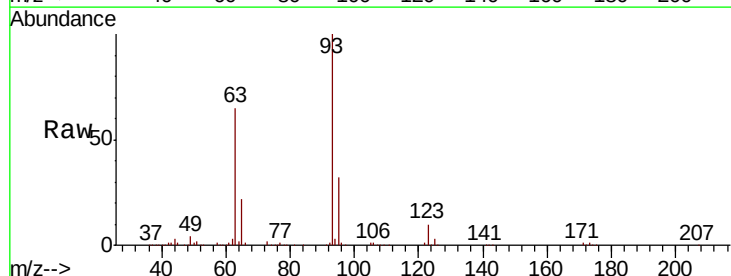
Instrument :  
 BNA\_M  
 ClientSampleId :

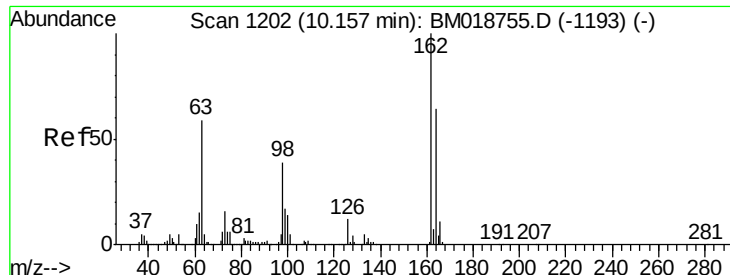
Tot Ion:122 Resp: 672421  
 Ion Ratio Lower Upper  
 122 100  
 107 122.5 97.6 146.4  
 121 60.3 47.9 71.9



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 42.753 ng  
 RT: 9.90 min Scan# 1158  
 Delta R.T. 0.00 min  
 Lab File: BM018985.D  
 Acq: 01 Mar 2019 12:56

Tgt Ion: 93 Resp: 1135092  
 Ion Ratio Lower Upper  
 93 100  
 95 32.3 25.6 38.4  
 123 10.3 8.2 12.4

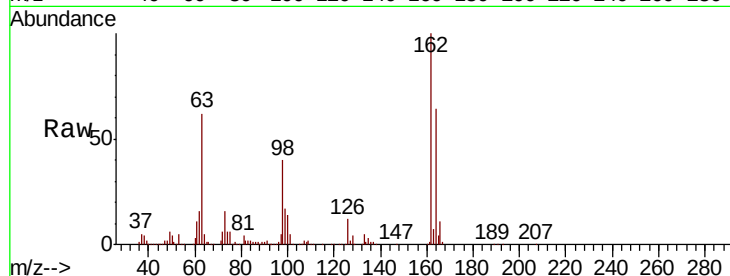




#29  
2,4-Dichlorophenol  
Concen: 43.128 ng  
RT: 10.12 min Scan# 1196  
Delta R.T. 0.00 min  
Lab File: BM018985.D  
Acq: 01 Mar 2019 12:56

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.7  | 44.1  | 84.1  |
| 98      | 40.1  | 19.4  | 59.4  |

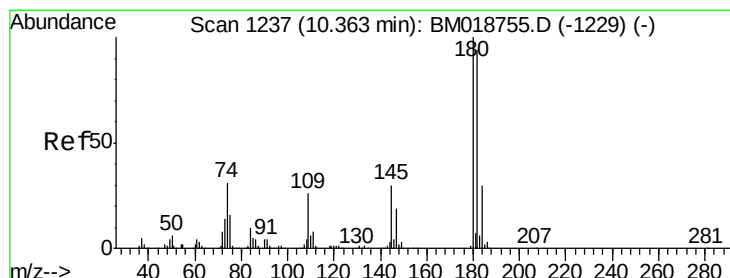
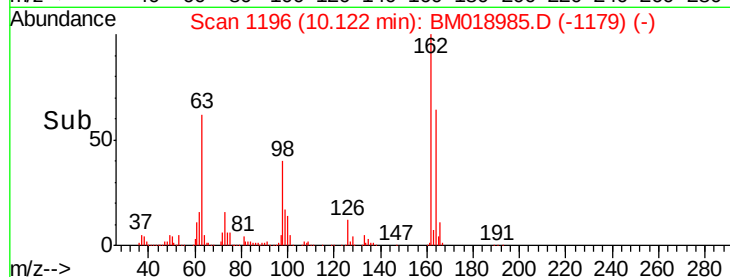
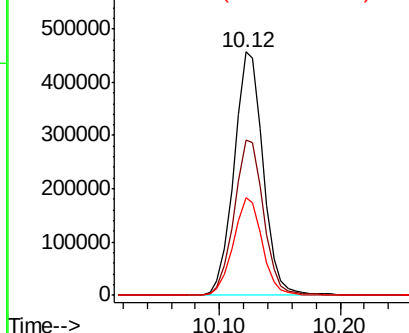


Abundance

Ion 162.00 (161.70 to 162.70): E

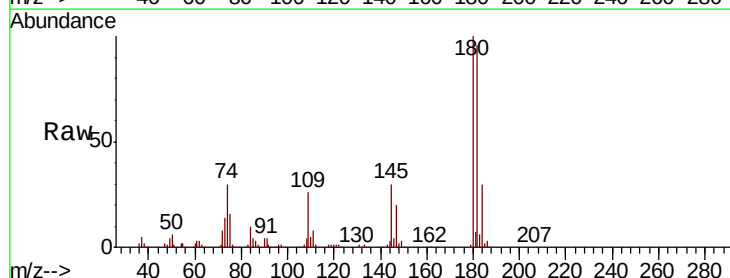
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30  
1,2,4-Trichlorobenzene  
Concen: 41.410 ng  
RT: 10.33 min Scan# 1232  
Delta R.T. 0.00 min  
Lab File: BM018985.D  
Acq: 01 Mar 2019 12:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.0  | 75.0  | 112.6 |
| 145     | 30.3  | 24.1  | 36.1  |

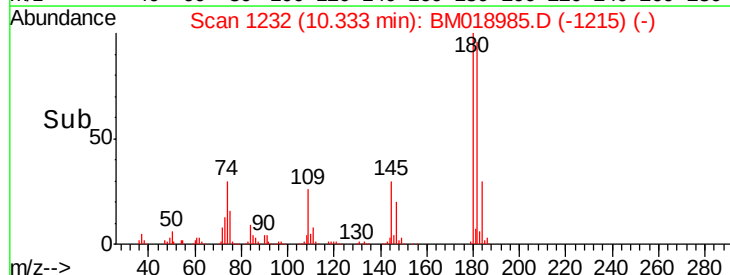
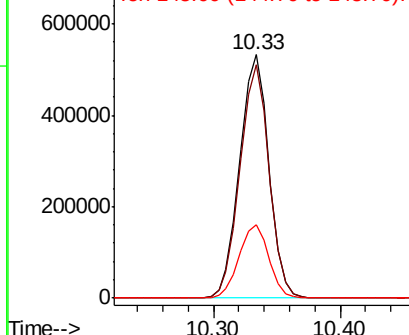


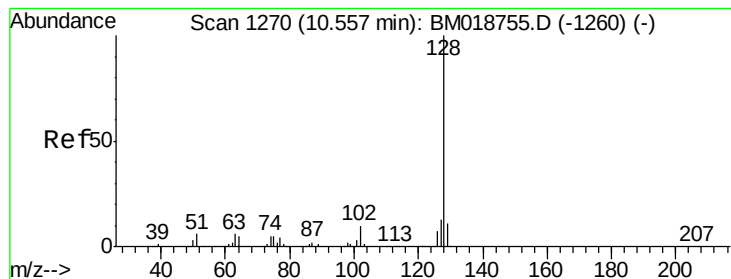
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

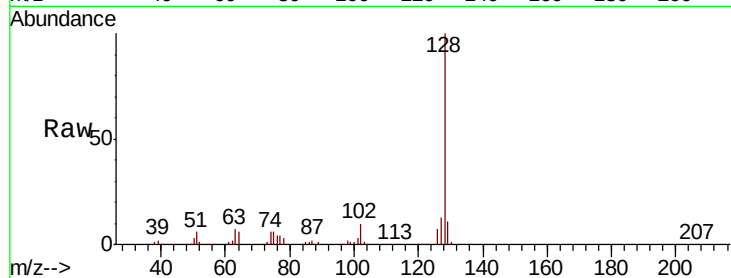




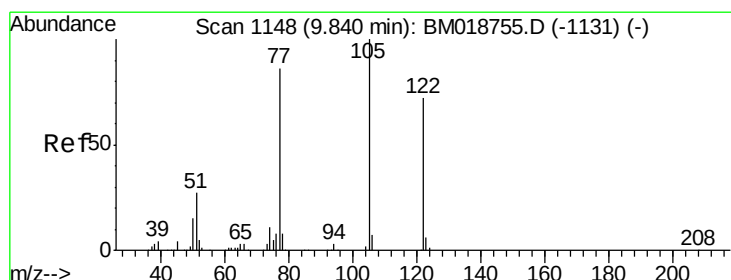
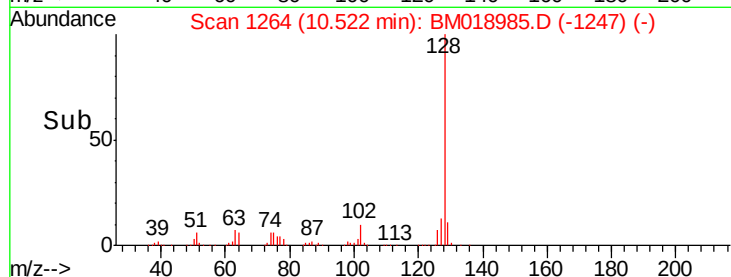
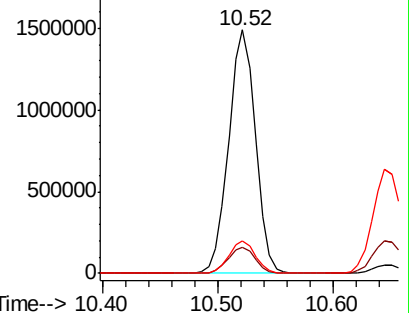
#31  
Naphthalene  
Concen: 41.357 ng  
RT: 10.52 min Scan# 1264  
Delta R.T. 0.00 min  
Lab File: BM018985.D  
Acq: 01 Mar 2019 12:56

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:128 Resp: 2399796  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.0 13.4  
127 13.5 10.7 16.1

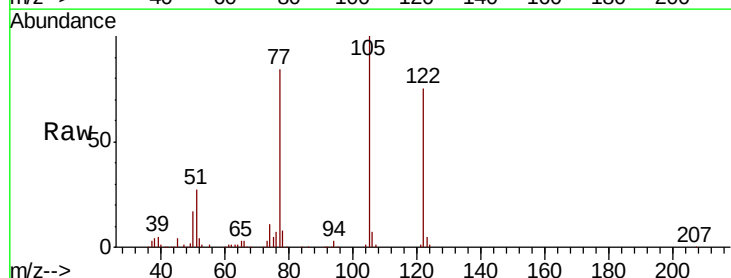


Abundance Ion 128.00 (127.70 to 128.70): E  
2000000 Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

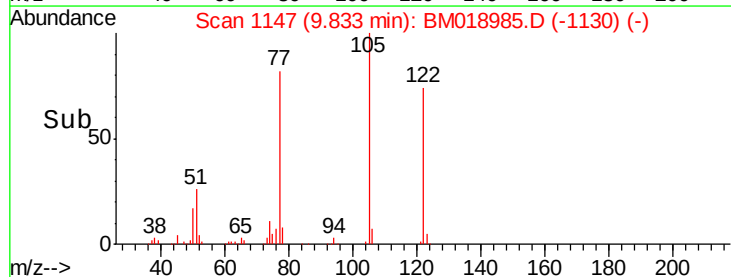
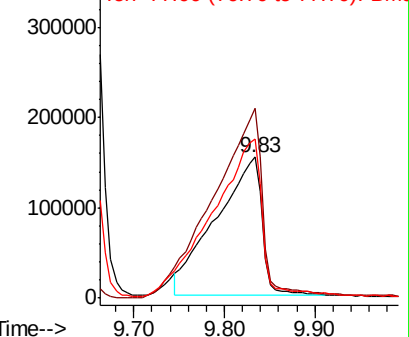


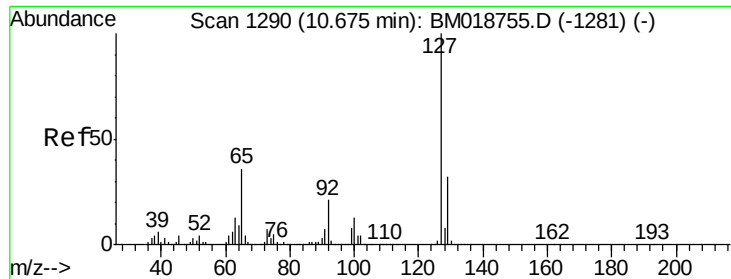
#32  
Benzoic acid  
Concen: 39.634 ng  
RT: 9.83 min Scan# 1147  
Delta R.T. 0.00 min  
Lab File: BM018985.D  
Acq: 01 Mar 2019 12:56

Tgt Ion:122 Resp: 537107  
Ion Ratio Lower Upper  
122 100  
105 134.2 117.5 157.5  
77 112.4 98.5 138.5



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BM0

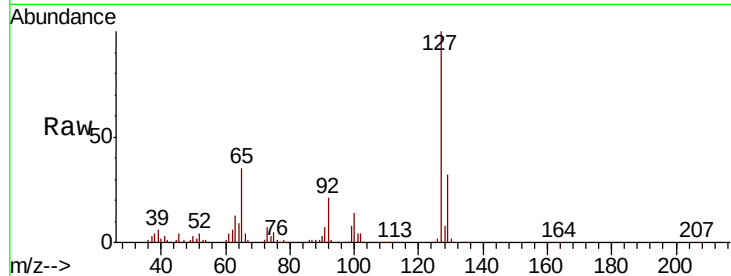




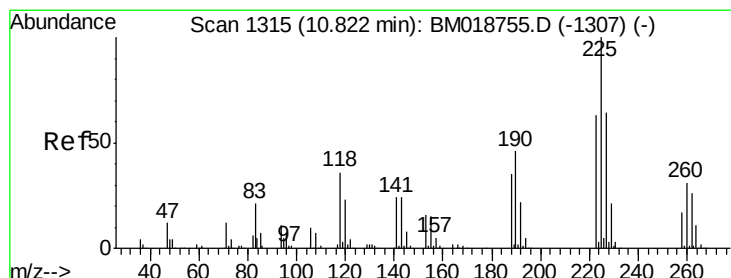
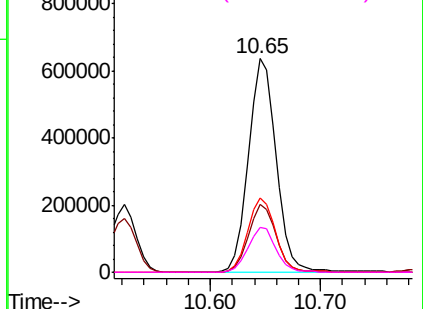
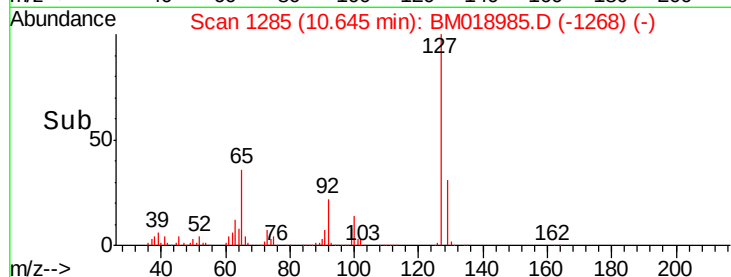
#33  
4-Chloroaniline  
Concen: 43.420 ng  
RT: 10.65 min Scan# 1285  
Delta R.T. 0.00 min  
Lab File: BM018985.D  
Acq: 01 Mar 2019 12:56

Instrument :  
BNA\_M  
ClientSampled :

| Tot Ion: | 127   | Resp: | 1126271 |
|----------|-------|-------|---------|
| Ion      | Ratio | Lower | Upper   |
| 127      | 100   |       |         |
| 129      | 31.8  | 25.7  | 38.5    |
| 65       | 34.9  | 28.7  | 43.1    |
| 92       | 21.2  | 17.0  | 25.4    |

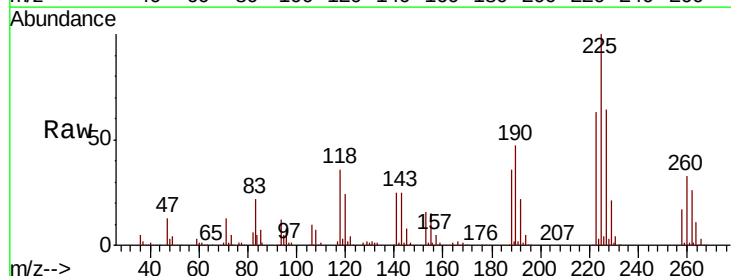


Abundance Ion 127.00 (126.70 to 127.70): E  
1000000  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM  
Ion 92.00 (91.70 to 92.70): BM

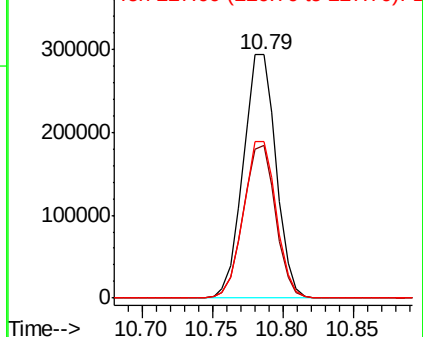
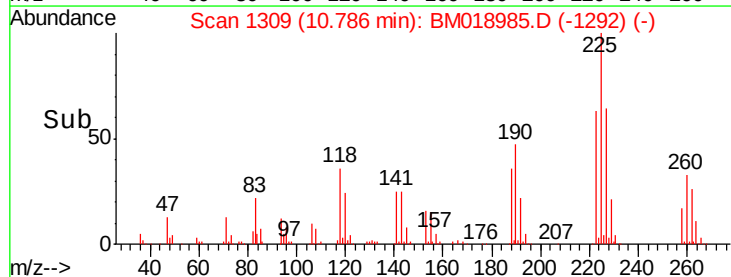


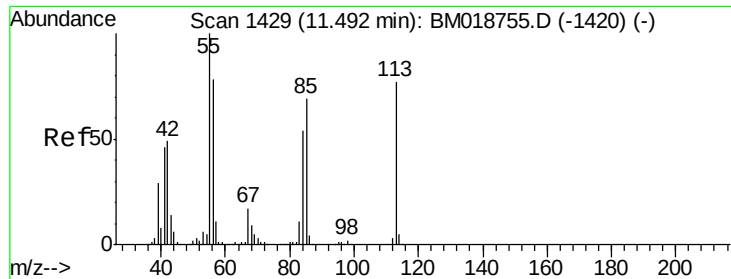
#34  
Hexachlorobutadiene  
Concen: 40.069 ng  
RT: 10.79 min Scan# 1309  
Delta R.T. 0.00 min  
Lab File: BM018985.D  
Acq: 01 Mar 2019 12:56

| Tgt Ion: | 225   | Resp: | 479124 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.8  | 50.1  | 75.1   |
| 227      | 64.2  | 51.4  | 77.0   |



Abundance Ion 225.00 (224.70 to 225.70): E  
400000  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

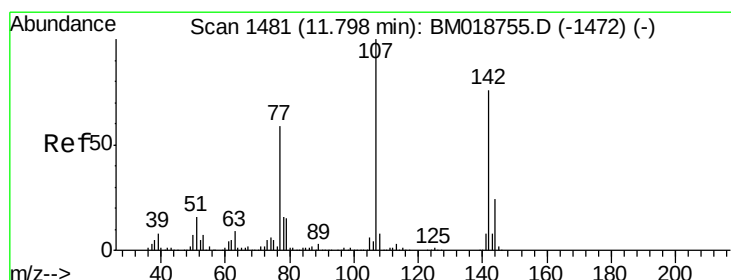
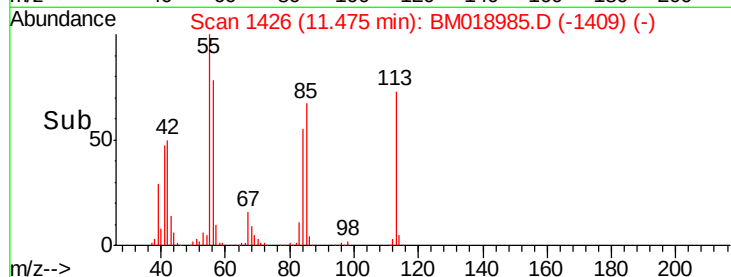
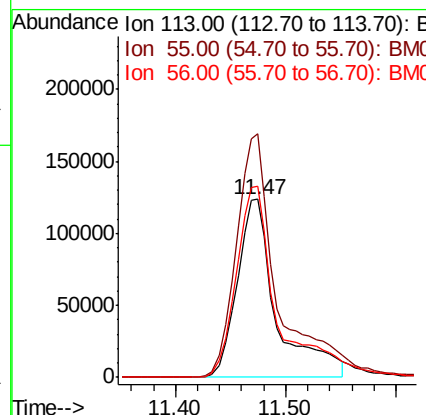
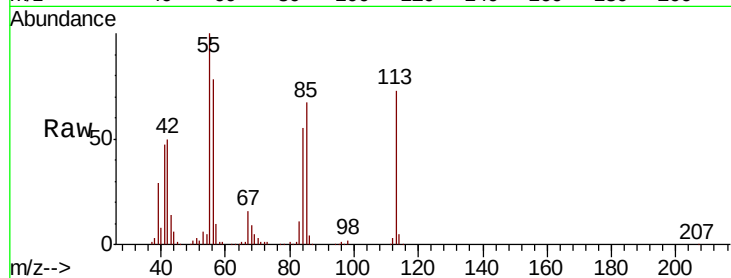




#35  
 Caprolactam  
 Concen: 42.530 ng  
 RT: 11.47 min Scan# 1426  
 Delta R.T. 0.00 min  
 Lab File: BM018985.D  
 Acq: 01 Mar 2019 12:56

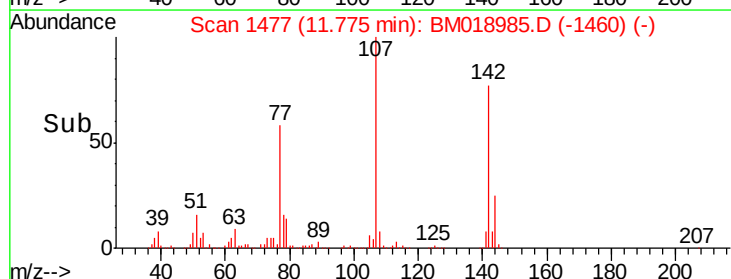
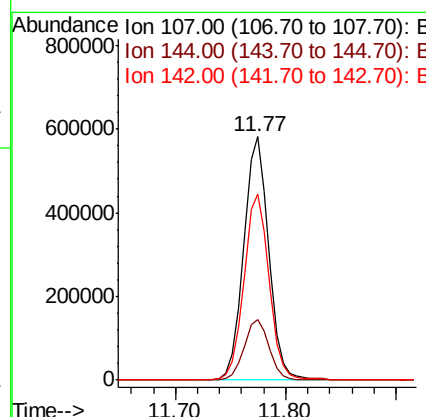
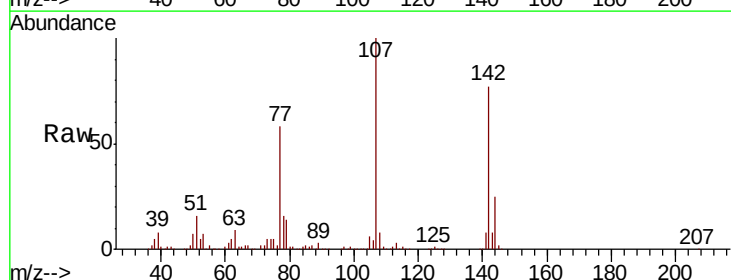
Instrument :  
 BNA\_M  
 ClientSampleId :

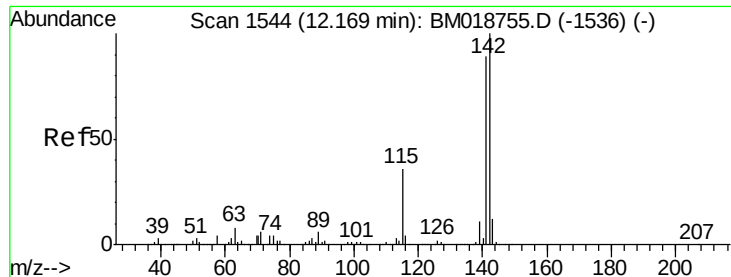
Tot Ion:113 Resp: 309619  
 Ion Ratio Lower Upper  
 113 100  
 55 136.8 110.7 150.7  
 56 107.2 82.4 122.4



#36  
 4-Chloro-3-methylphenol  
 Concen: 43.247 ng  
 RT: 11.77 min Scan# 1477  
 Delta R.T. 0.00 min  
 Lab File: BM018985.D  
 Acq: 01 Mar 2019 12:56

Tgt Ion:107 Resp: 930112  
 Ion Ratio Lower Upper  
 107 100  
 144 24.8 19.3 28.9  
 142 76.6 60.5 90.7

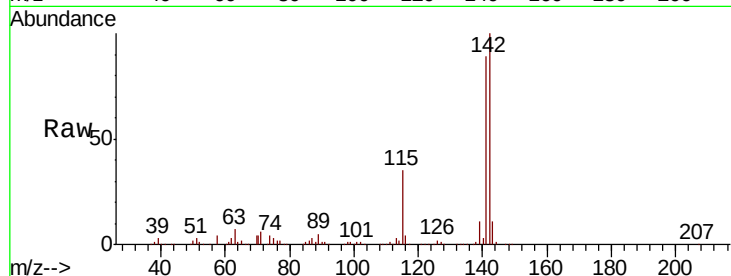




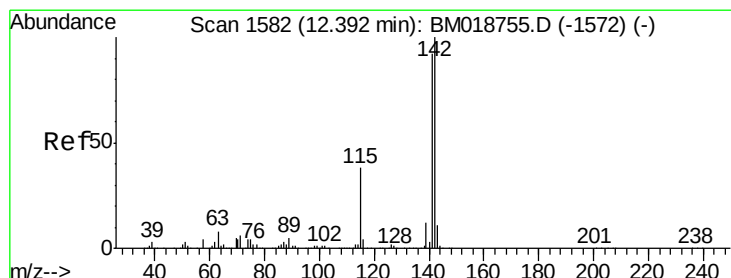
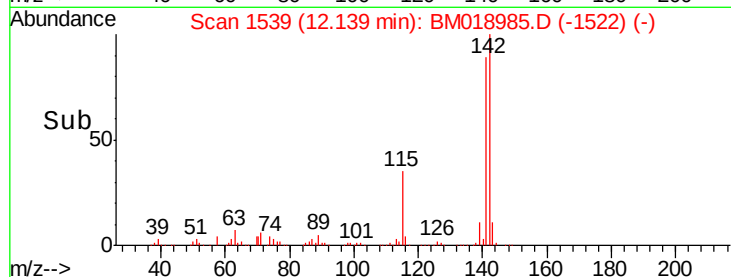
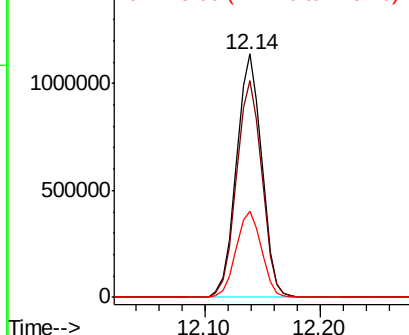
#37  
2-Methylnaphthalene  
Concen: 42.353 ng  
RT: 12.14 min Scan# 1539  
Delta R.T. 0.00 min  
Lab File: BM018985.D  
Acq: 01 Mar 2019 12:56

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:142 Resp: 1730300  
Ion Ratio Lower Upper  
142 100  
141 89.1 71.2 106.8  
115 35.4 29.1 43.7

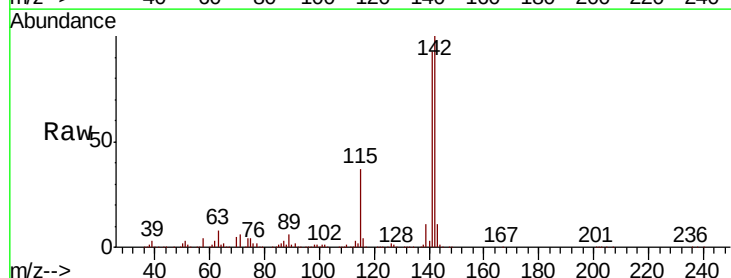


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

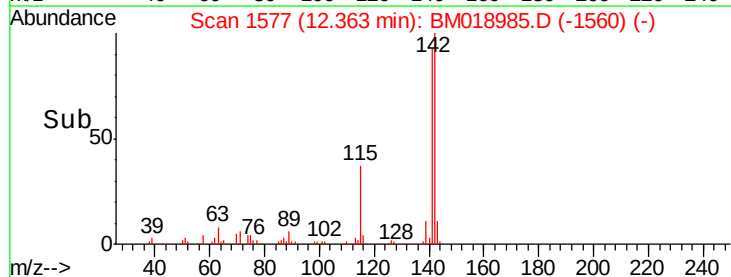
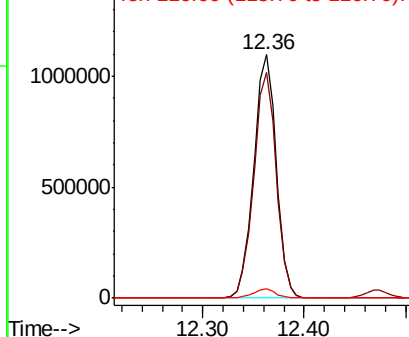


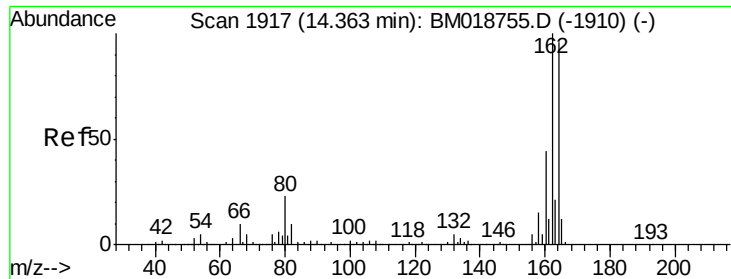
#38  
1-Methylnaphthalene  
Concen: 42.243 ng  
RT: 12.36 min Scan# 1577  
Delta R.T. 0.00 min  
Lab File: BM018985.D  
Acq: 01 Mar 2019 12:56

Tgt Ion:142 Resp: 1687643  
Ion Ratio Lower Upper  
142 100  
141 92.6 73.9 110.9  
116 3.7 3.0 4.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.34 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

Instrument :

BNA\_M

ClientSampleId :

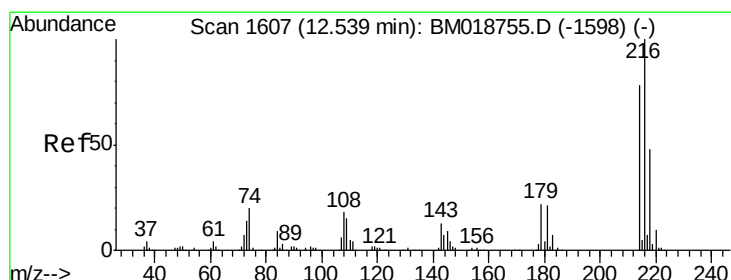
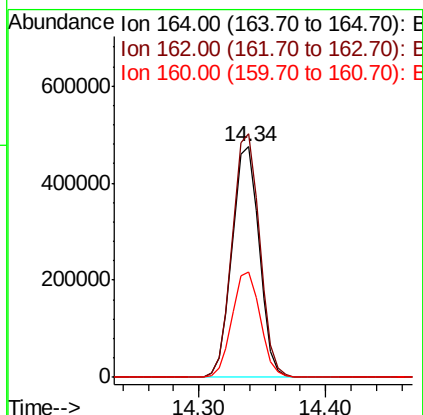
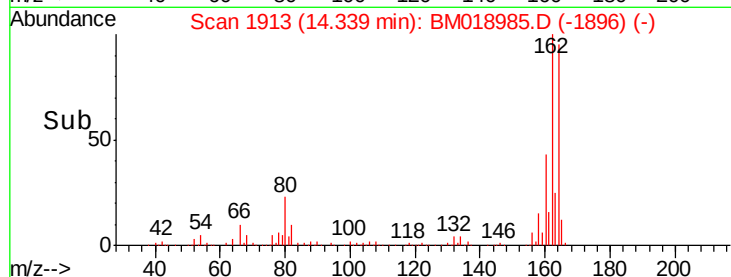
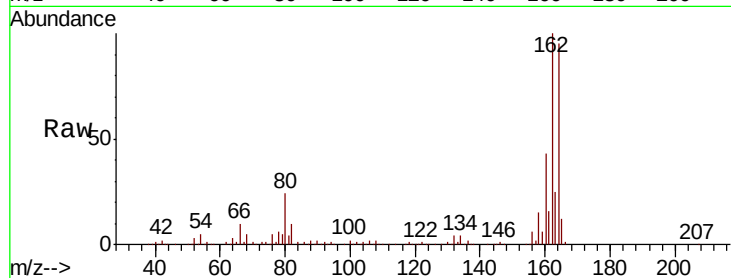
Tot Ion:164 Resp: 699735

Ion Ratio Lower Upper

164 100

162 105.7 83.4 125.0

160 45.8 36.6 55.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.312 ng

RT: 12.51 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

Tgt Ion:216 Resp: 924728

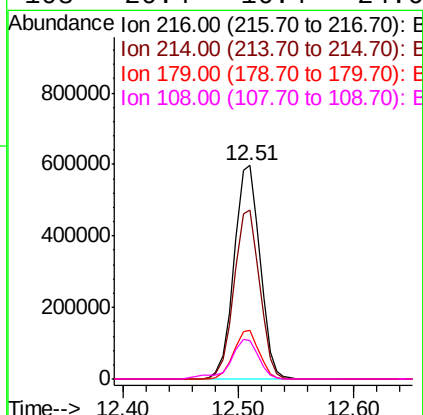
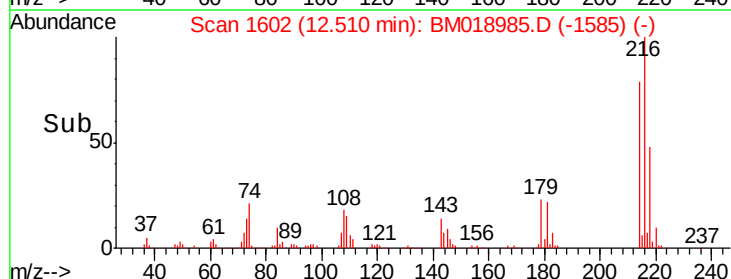
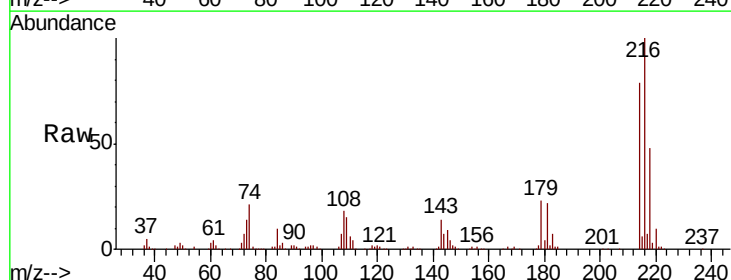
Ion Ratio Lower Upper

216 100

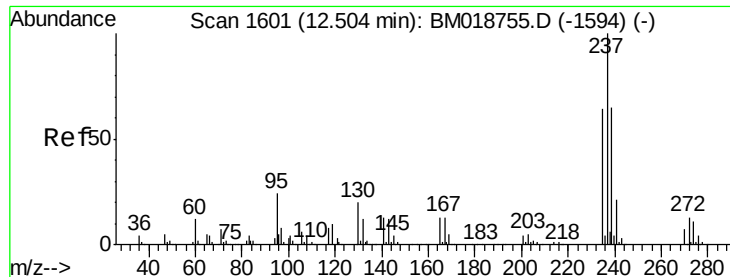
214 78.6 63.2 94.8

179 22.5 17.8 26.8

108 20.4 16.4 24.6







#41

Hexachlorocyclopentadiene

Concen: 39.708 ng

RT: 12.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

Instrument :

BNA\_M

ClientSampleId :

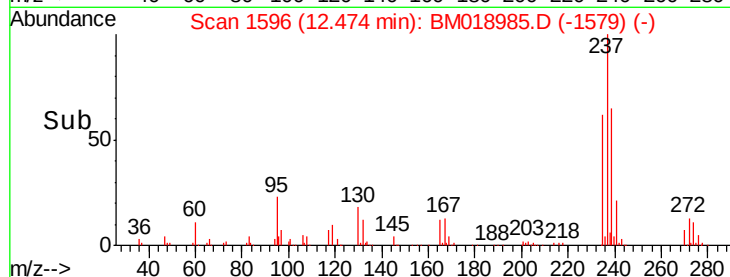
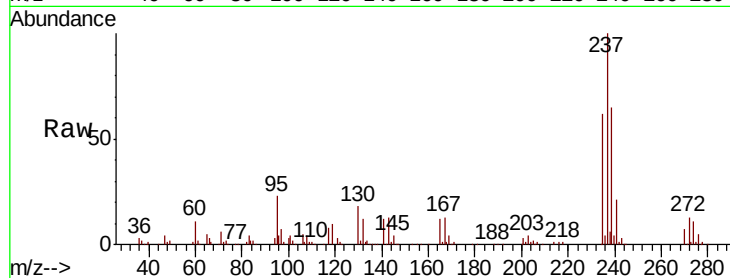
Tot Ion:237 Resp: 454424

Ion Ratio Lower Upper

237 100

235 61.8 43.7 83.7

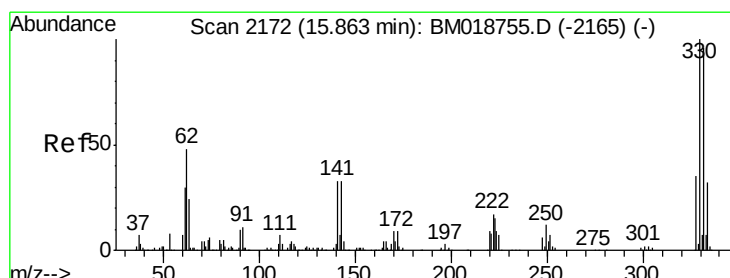
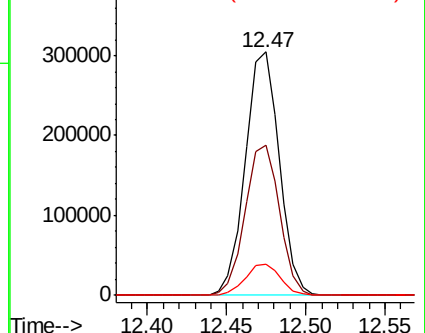
272 13.0 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 90.681 ng

RT: 15.84 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

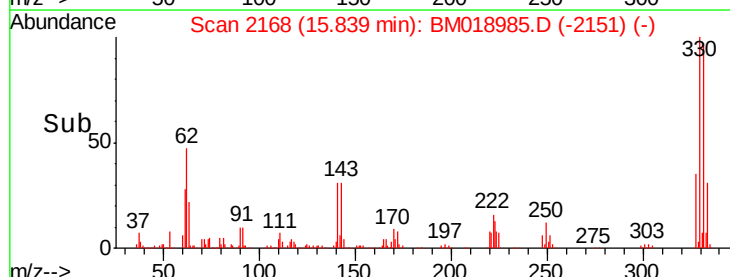
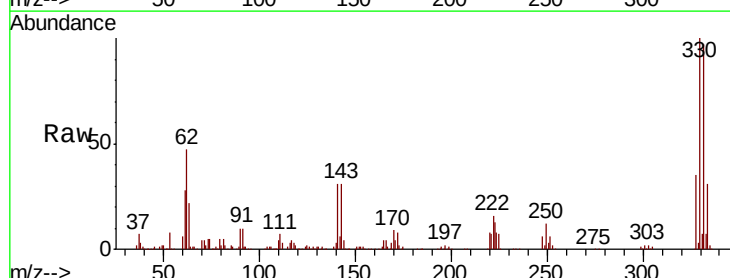
Tgt Ion:330 Resp: 914648

Ion Ratio Lower Upper

330 100

332 96.3 76.9 115.3

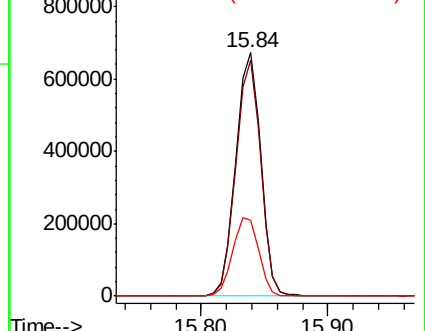
141 33.8 28.7 43.1

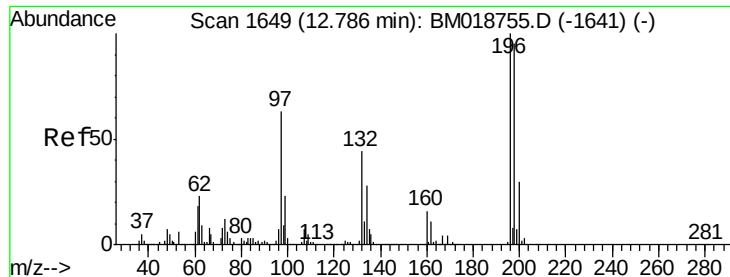


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

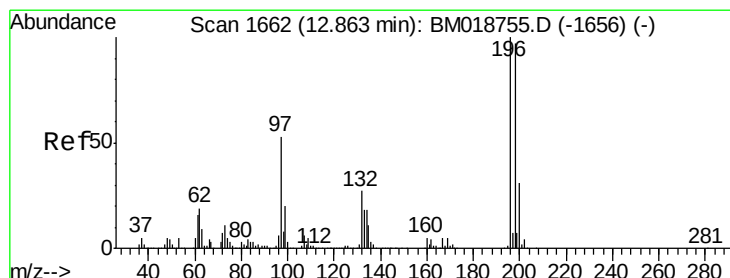
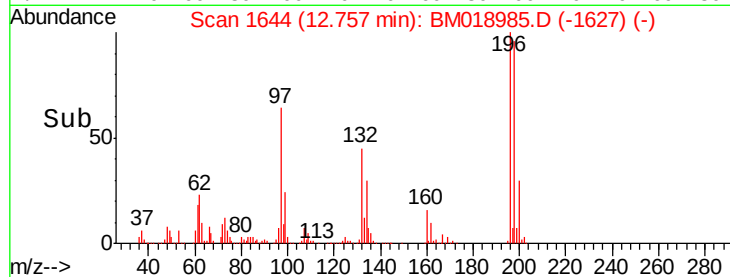
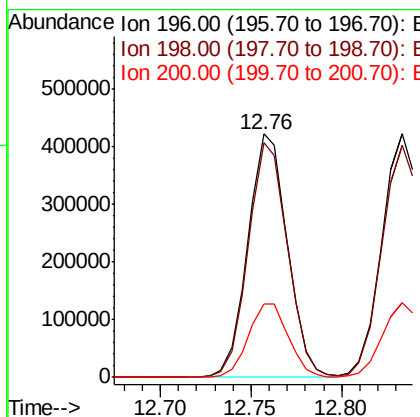
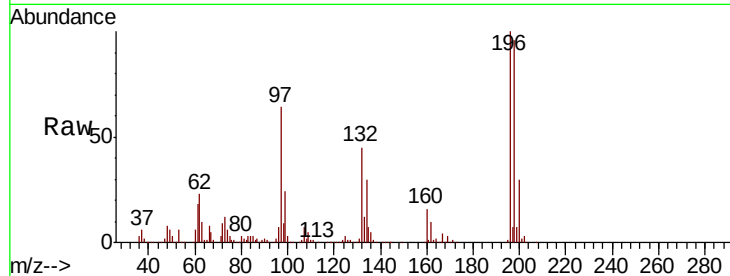




#43  
 2,4,6-Trichlorophenol  
 Concen: 43.183 ng  
 RT: 12.76 min Scan# 1644  
 Delta R.T. 0.00 min  
 Lab File: BM018985.D  
 Acq: 01 Mar 2019 12:56

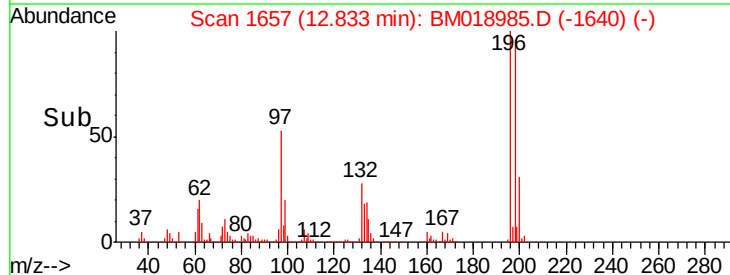
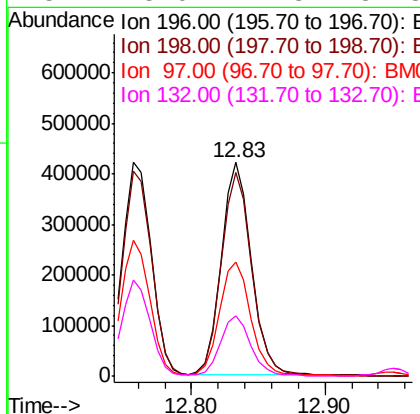
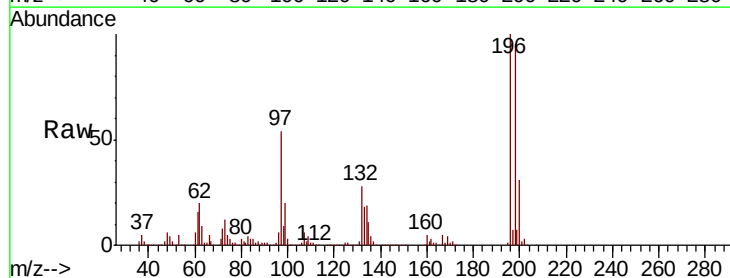
Instrument :  
 BNA\_M  
 ClientSampled :

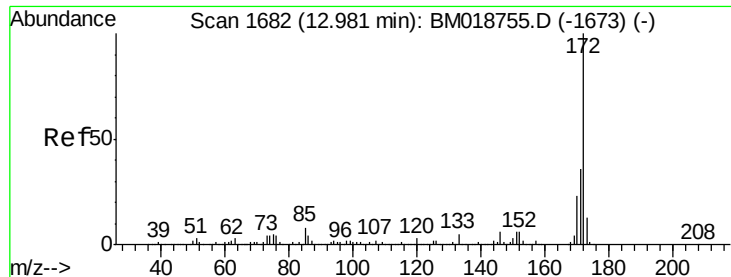
Tot Ion:196 Resp: 639885  
 Ion Ratio Lower Upper  
 196 100  
 198 96.2 76.2 114.2  
 200 30.2 24.2 36.2



#44  
 2,4,5-Trichlorophenol  
 Concen: 42.865 ng  
 RT: 12.83 min Scan# 1657  
 Delta R.T. 0.00 min  
 Lab File: BM018985.D  
 Acq: 01 Mar 2019 12:56

Tgt Ion:196 Resp: 665748  
 Ion Ratio Lower Upper  
 196 100  
 198 95.2 77.6 116.4  
 97 53.6 42.8 64.2  
 132 28.0 21.8 32.8

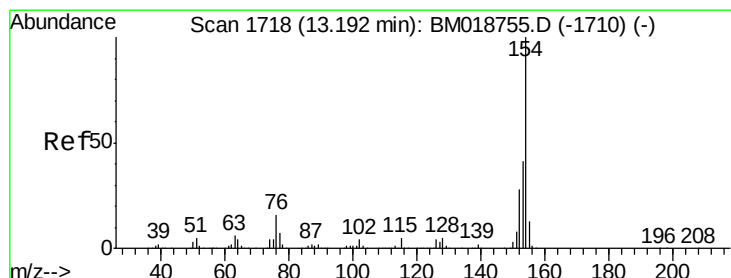
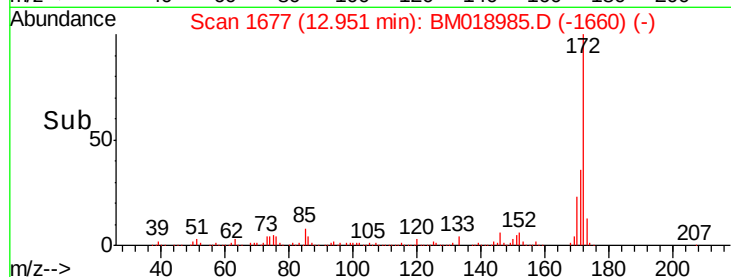
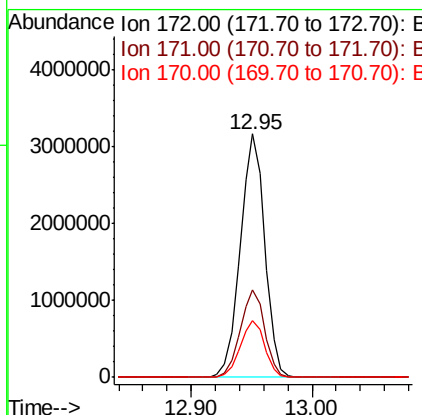
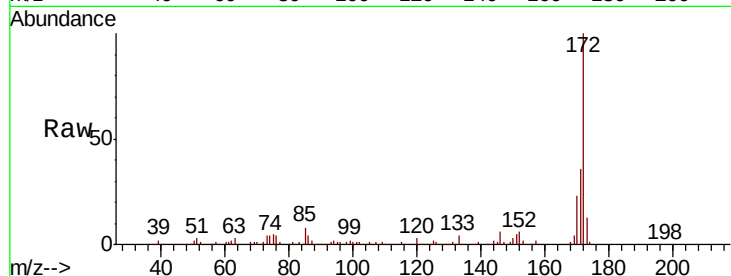




#45  
2-Fluorobiphenyl  
Concen: 84.655 ng  
RT: 12.95 min Scan# 1677  
Delta R.T. 0.00 min  
Lab File: BM018985.D  
Acq: 01 Mar 2019 12:56

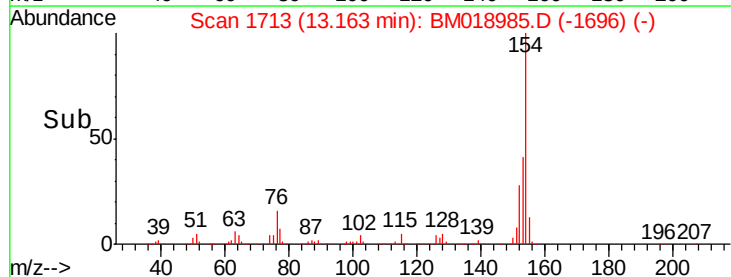
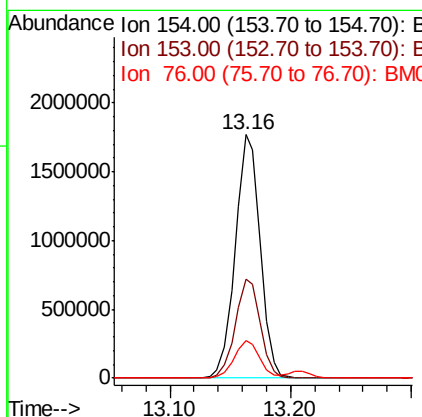
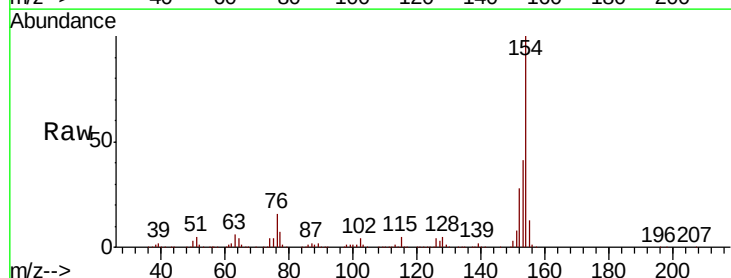
Instrument :  
BNA\_M  
ClientSampleId :

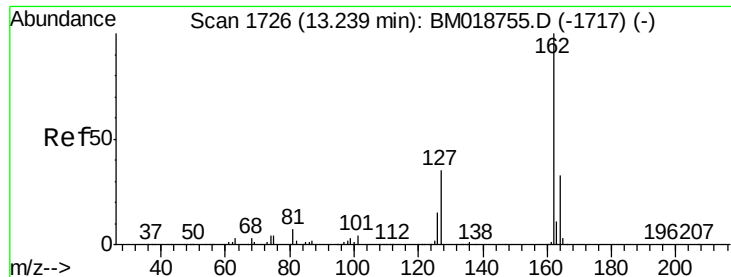
Tot Ion:172 Resp: 4462323  
Ion Ratio Lower Upper  
172 100  
171 36.0 29.0 43.6  
170 23.3 18.6 28.0



#46  
1,1'-Biphenyl  
Concen: 42.017 ng  
RT: 13.16 min Scan# 1713  
Delta R.T. 0.00 min  
Lab File: BM018985.D  
Acq: 01 Mar 2019 12:56

Tgt Ion:154 Resp: 2530773  
Ion Ratio Lower Upper  
154 100  
153 40.8 21.1 61.1  
76 15.6 0.0 35.7

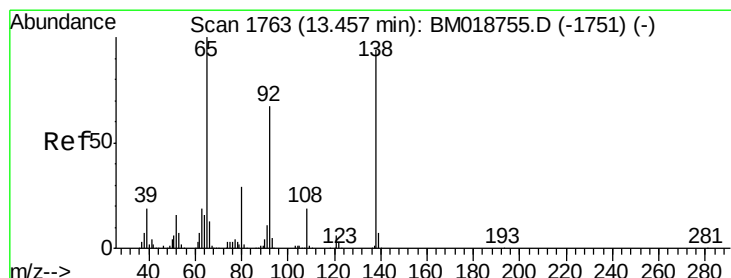
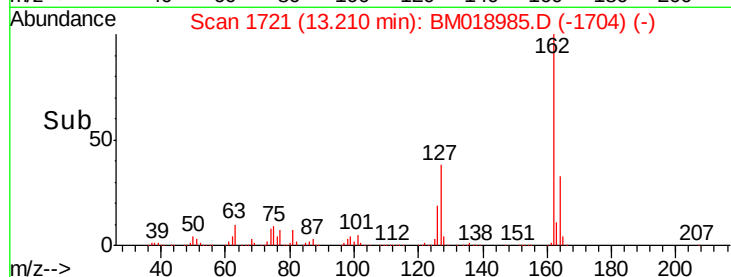
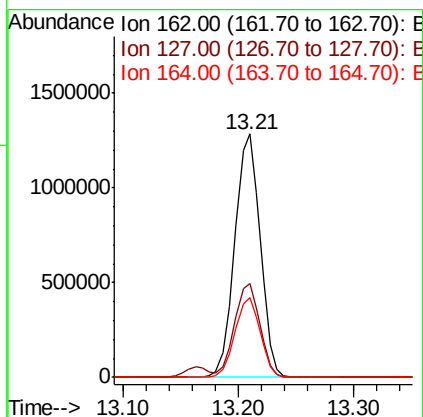
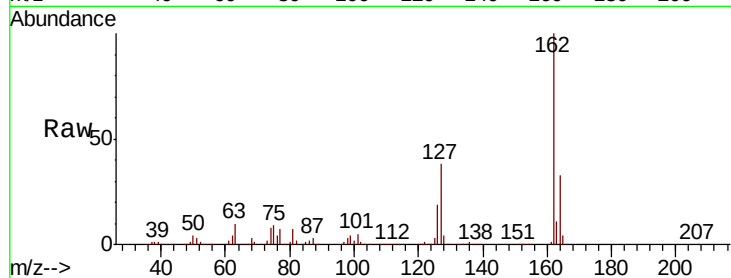




#47  
2-Chloronaphthalene  
Concen: 41.998 ng  
RT: 13.21 min Scan# 1721  
Delta R.T. 0.00 min  
Lab File: BM018985.D  
Acq: 01 Mar 2019 12:56

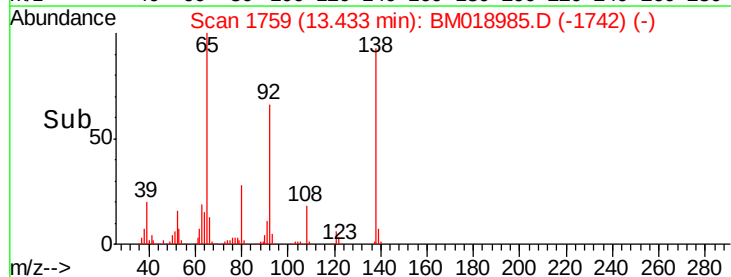
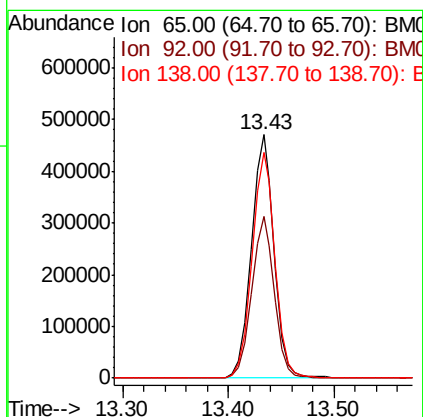
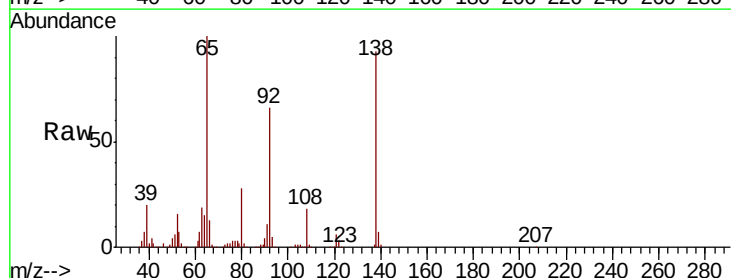
Instrument :  
BNA\_M  
ClientSampleId :

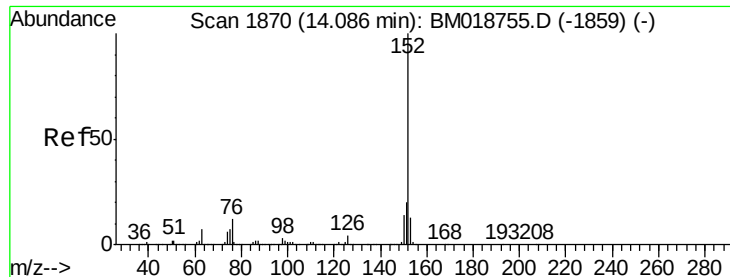
Tot Ion: 162 Resp: 1953820  
Ion Ratio Lower Upper  
162 100  
127 38.5 31.1 46.7  
164 32.9 26.4 39.6



#48  
2-Nitroaniline  
Concen: 45.518 ng  
RT: 13.43 min Scan# 1759  
Delta R.T. 0.00 min  
Lab File: BM018985.D  
Acq: 01 Mar 2019 12:56

Tgt Ion: 65 Resp: 703302  
Ion Ratio Lower Upper  
65 100  
92 66.3 54.0 81.0  
138 92.7 74.9 112.3





#49

Acenaphthylene

Concen: 42.736 ng

RT: 14.06 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

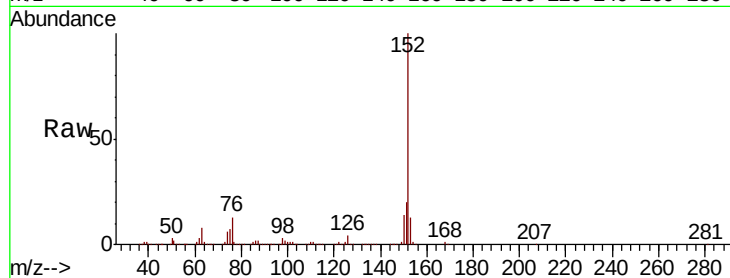
Instrument :

BNA\_M

ClientSampled :

Tot Ion:152 Resp: 2960399

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.3  | 15.8  | 23.8  |
| 153 | 13.1  | 10.5  | 15.7  |

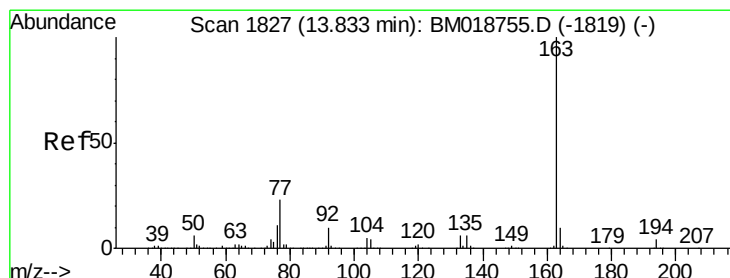
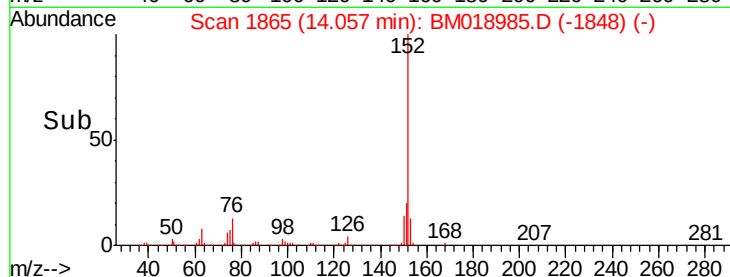
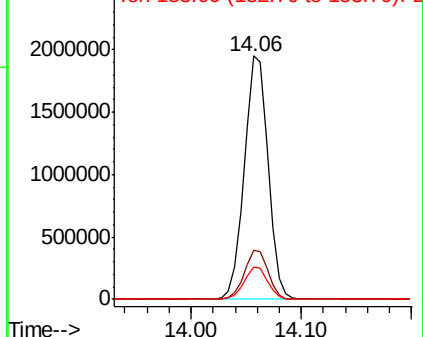


Abundance

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



#50

Dimethylphthalate

Concen: 42.530 ng

RT: 13.81 min Scan# 1823

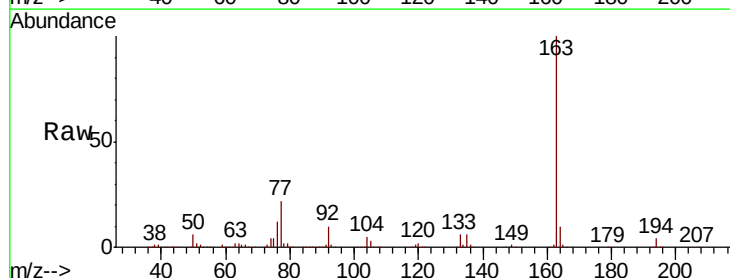
Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

Tgt Ion:163 Resp: 2480160

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.0   | 3.2   | 4.8   |
| 164 | 9.9   | 7.8   | 11.8  |

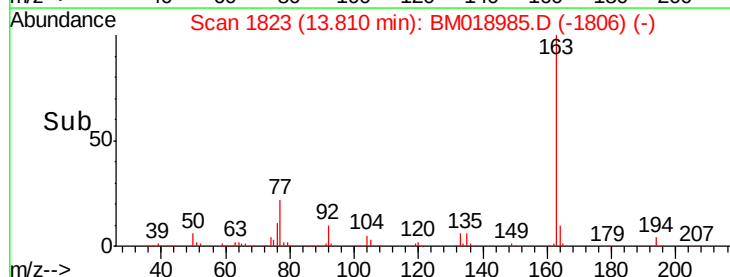
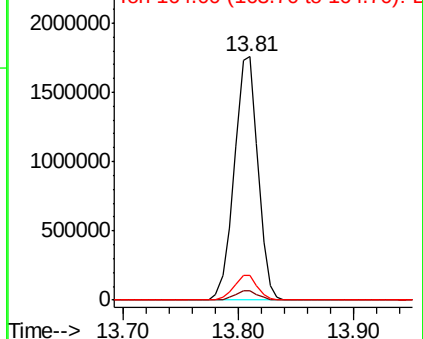


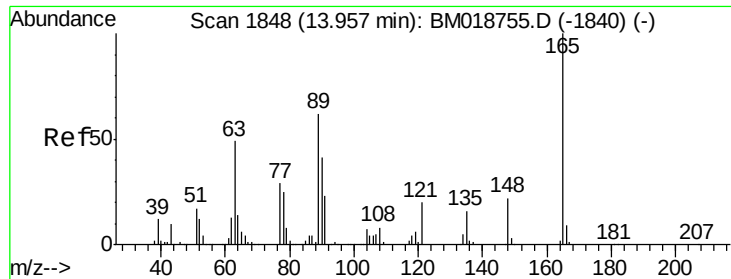
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

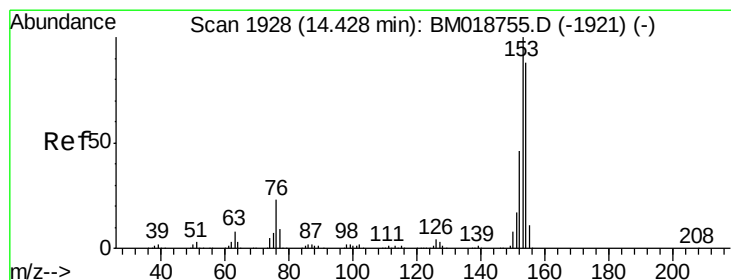
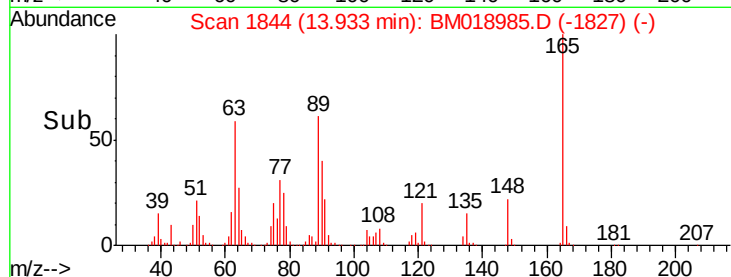
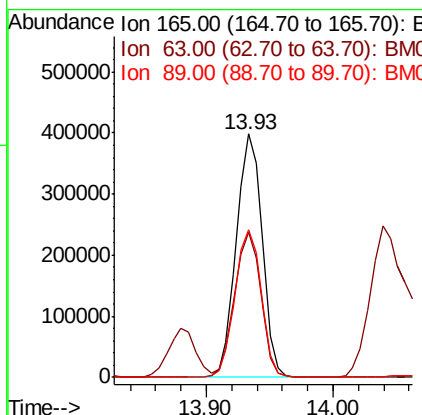
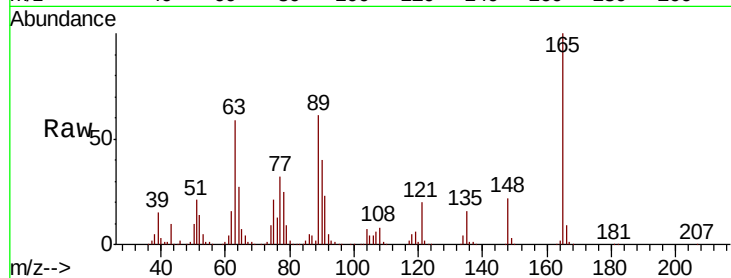




#51  
 2,6-Dinitrotoluene  
 Concen: 44.404 ng  
 RT: 13.93 min Scan# 1844  
 Delta R.T. 0.00 min  
 Lab File: BM018985.D  
 Acq: 01 Mar 2019 12:56

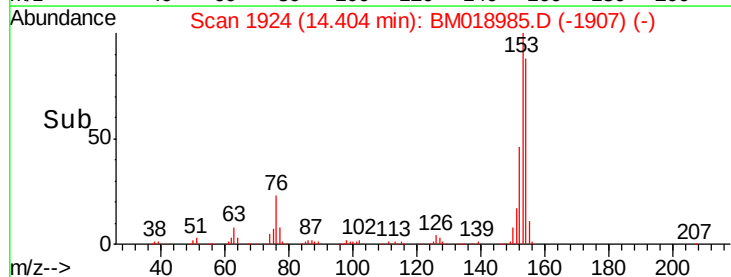
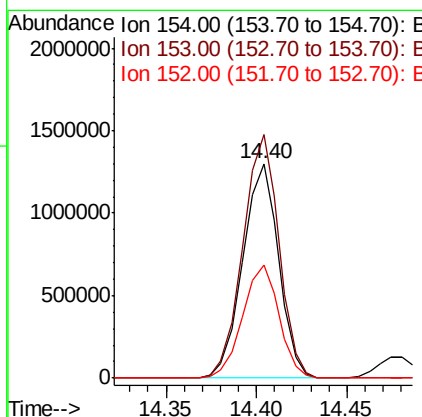
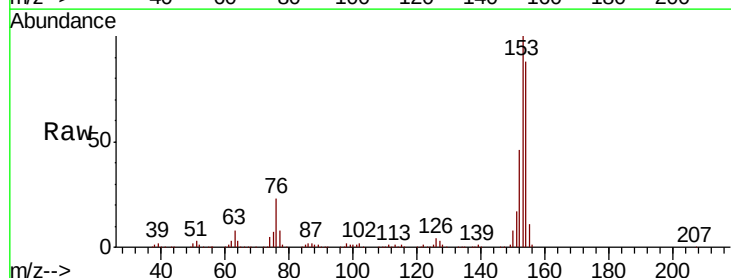
Instrument :  
 BNA\_M  
 ClientSampled :

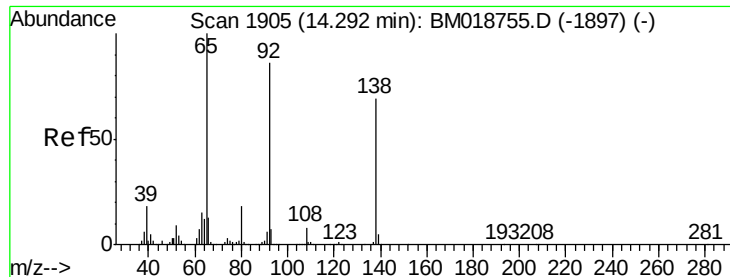
Tot Ion:165 Resp: 560926  
 Ion Ratio Lower Upper  
 165 100  
 63 59.3 48.9 73.3  
 89 60.6 49.4 74.0



#52  
 Acenaphthene  
 Concen: 42.229 ng  
 RT: 14.40 min Scan# 1924  
 Delta R.T. 0.00 min  
 Lab File: BM018985.D  
 Acq: 01 Mar 2019 12:56

Tgt Ion:154 Resp: 1793743  
 Ion Ratio Lower Upper  
 154 100  
 153 113.6 91.3 136.9  
 152 52.5 42.2 63.4

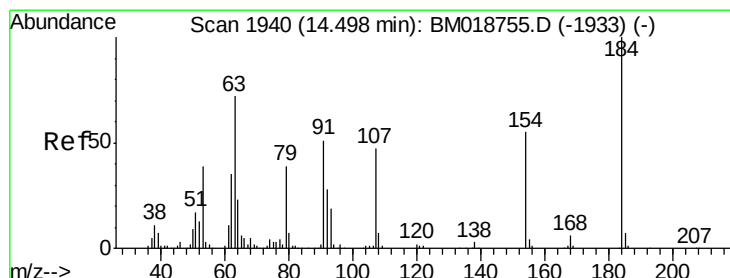
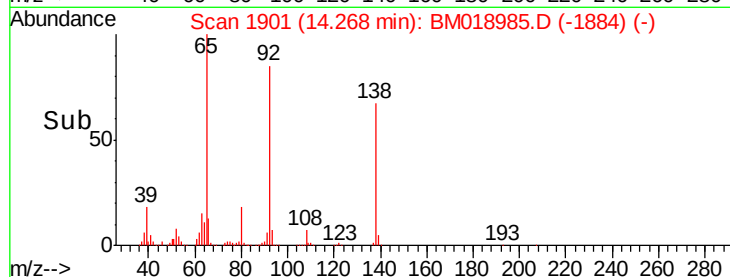
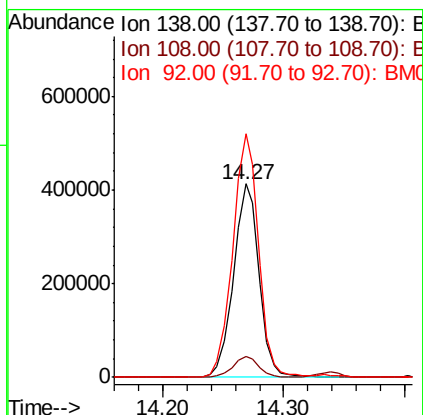
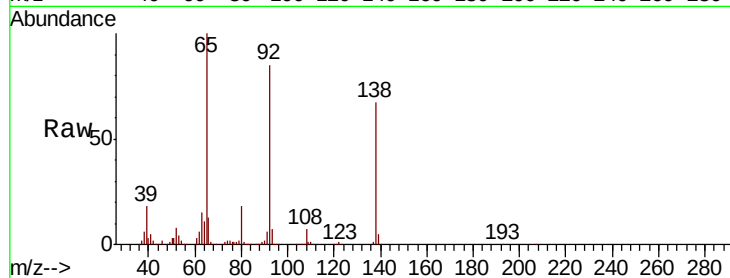




#53  
3-Nitroaniline  
Concen: 42.602 ng  
RT: 14.27 min Scan# 1901  
Delta R.T. 0.00 min  
Lab File: BM018985.D  
Acq: 01 Mar 2019 12:56

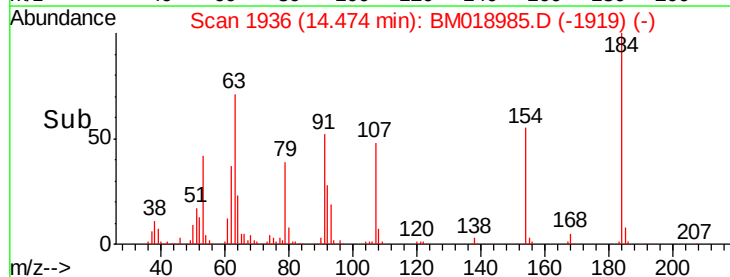
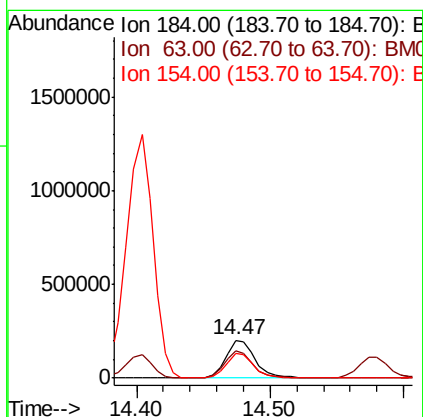
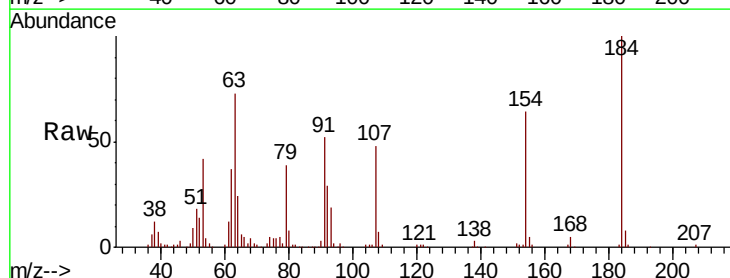
Instrument :  
BNA\_M  
ClientSampleId :

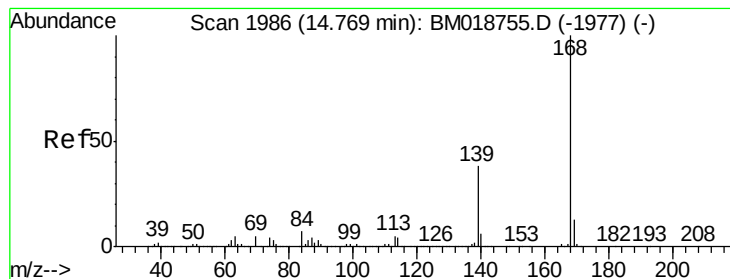
Tot Ion:138 Resp: 608079  
Ion Ratio Lower Upper  
138 100  
108 10.6 9.1 13.7  
92 126.1 99.7 149.5



#54  
2,4-Dinitrophenol  
Concen: 41.770 ng  
RT: 14.47 min Scan# 1936  
Delta R.T. 0.00 min  
Lab File: BM018985.D  
Acq: 01 Mar 2019 12:56

Tgt Ion:184 Resp: 311034  
Ion Ratio Lower Upper  
184 100  
63 72.9 58.0 87.0  
154 63.7 50.3 75.5





#55

Dibenzofuran

Concen: 41.912 ng

RT: 14.74 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

Instrument :

BNA\_M

ClientSampled :

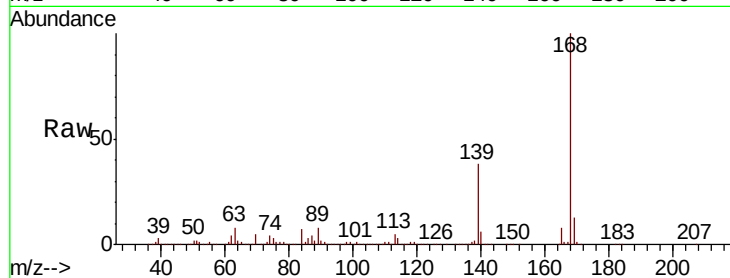
Tot Ion:168 Resp: 2926132

Ion Ratio Lower Upper

168 100

139 37.8 30.7 46.1

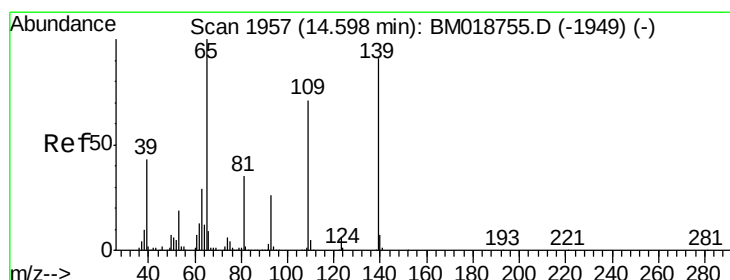
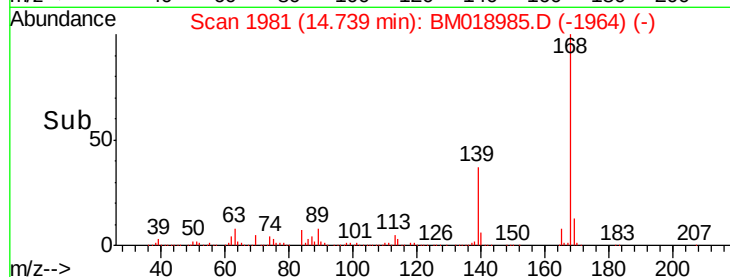
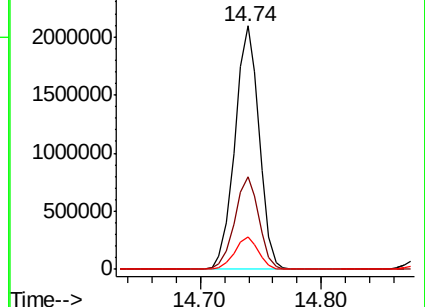
169 13.1 10.3 15.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 49.643 ng

RT: 14.58 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

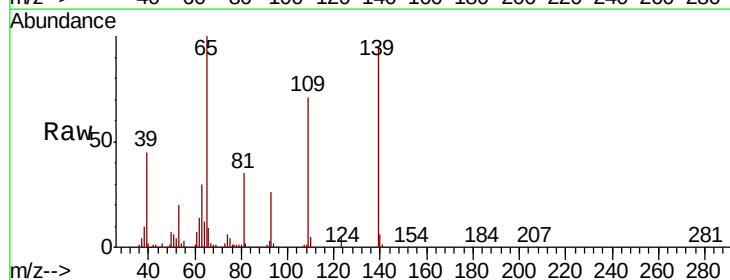
Tgt Ion:139 Resp: 565639

Ion Ratio Lower Upper

139 100

109 75.3 58.4 98.4

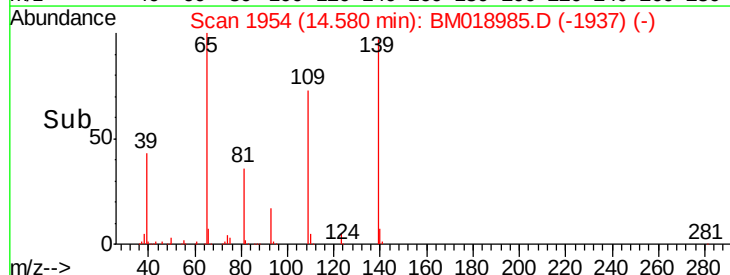
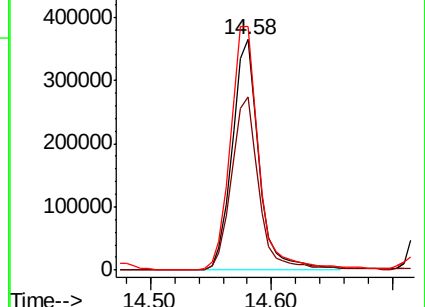
65 105.6 89.8 129.8



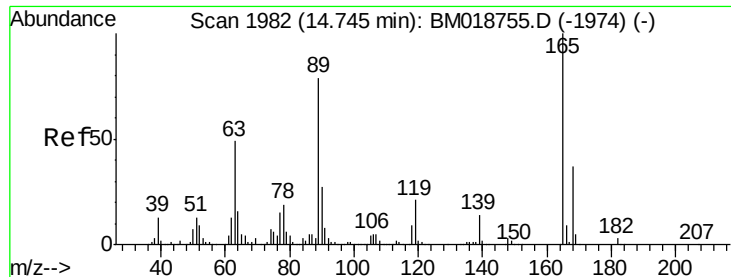
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E







#57

2,4-Dinitrotoluene

Concen: 44.777 ng

RT: 14.73 min Scan# 1979

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

Instrument :

BNA\_M

ClientSampleId :

Tot Ion:165 Resp: 779354

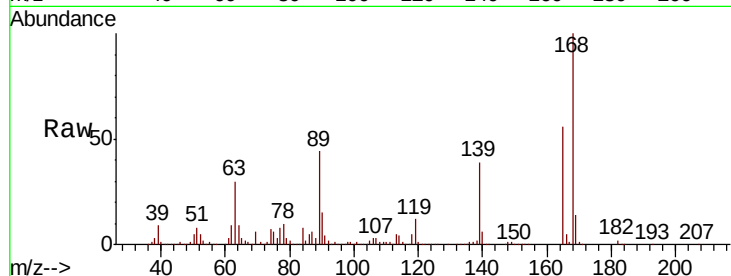
Ion Ratio Lower Upper

165 100

63 54.6 39.6 59.4

89 79.5 63.5 95.3

182 2.9 2.2 3.4

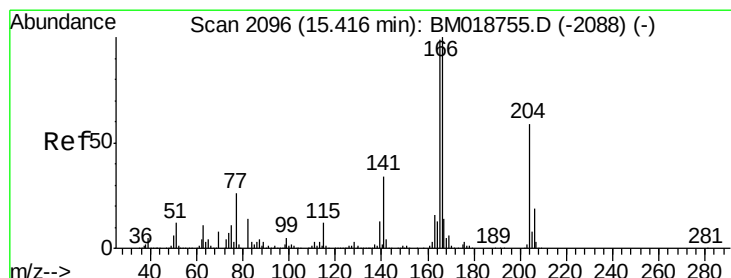
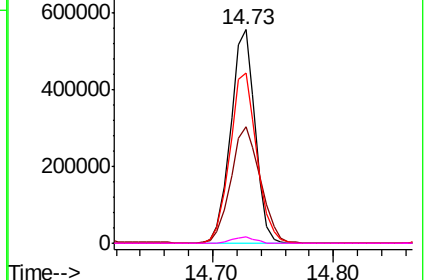
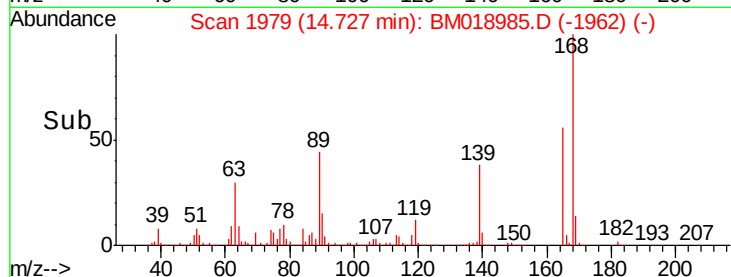


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.958 ng

RT: 15.39 min Scan# 2092

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

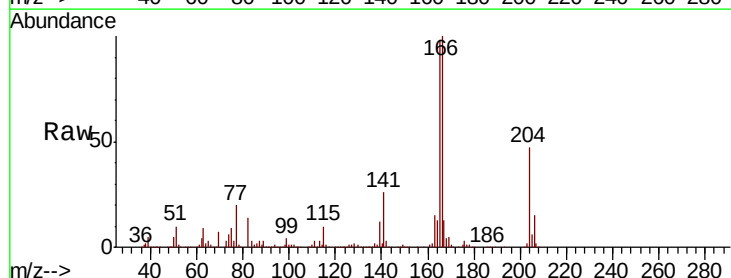
Tgt Ion:166 Resp: 2294422

Ion Ratio Lower Upper

166 100

165 97.6 79.1 118.7

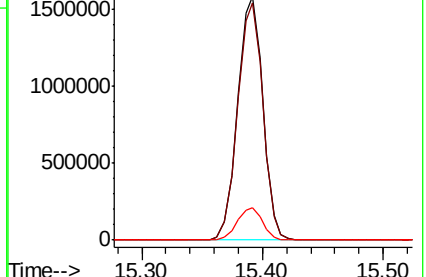
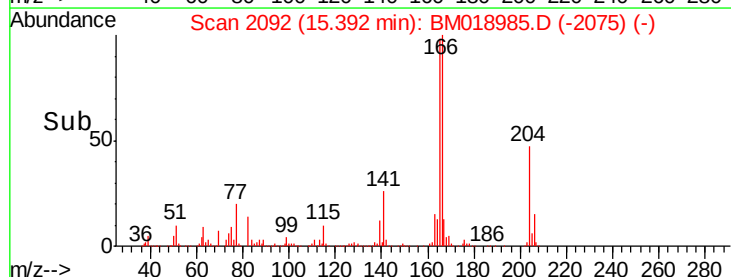
167 13.2 11.0 16.4

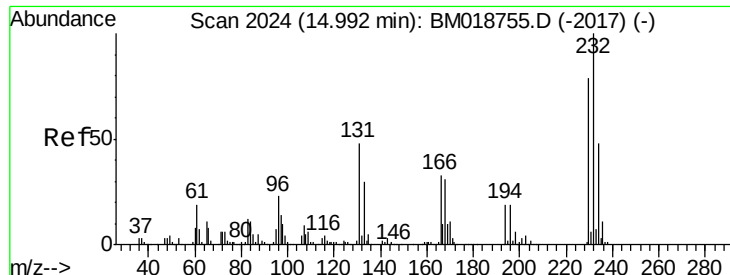


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

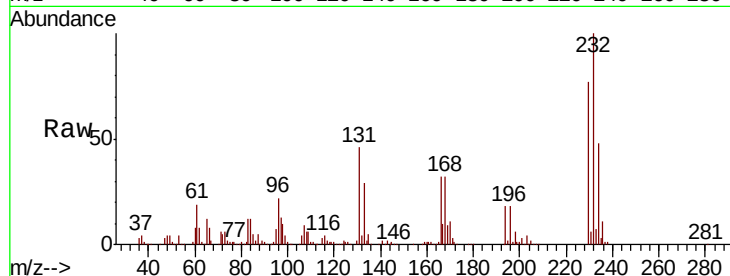




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 41.683 ng  
 RT: 14.97 min Scan# 2020  
 Delta R.T. 0.00 min  
 Lab File: BM018985.D  
 Acq: 01 Mar 2019 12:56

Instrument :  
 BNA\_M  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 48.1  | 38.6  | 57.8  |
| 130     | 2.4   | 2.0   | 3.0   |
| 166     | 33.7  | 26.9  | 40.3  |



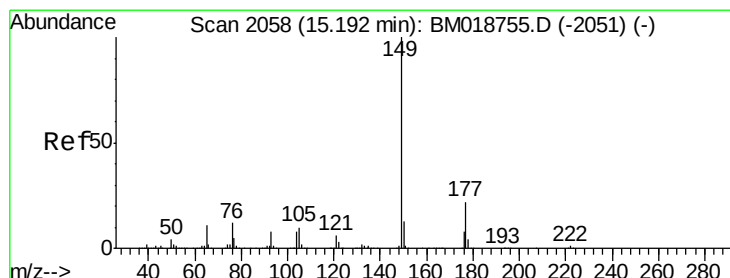
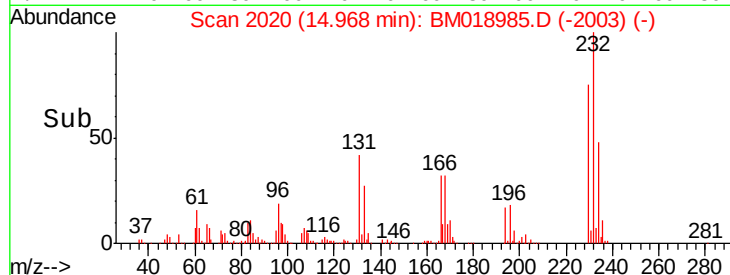
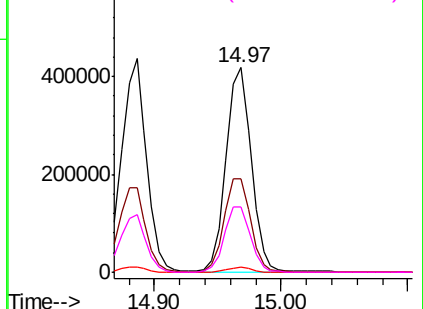
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

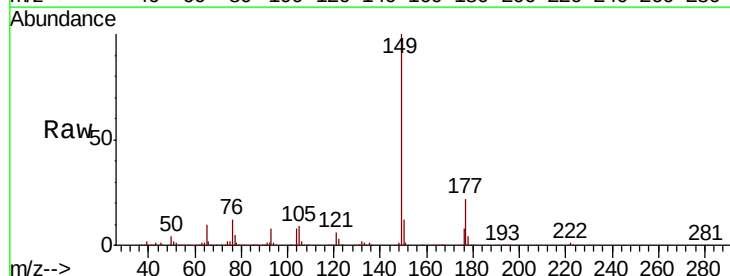
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 42.546 ng  
 RT: 15.17 min Scan# 2054  
 Delta R.T. 0.00 min  
 Lab File: BM018985.D  
 Acq: 01 Mar 2019 12:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.8  | 17.2  | 25.8  |
| 150     | 12.3  | 10.2  | 15.2  |

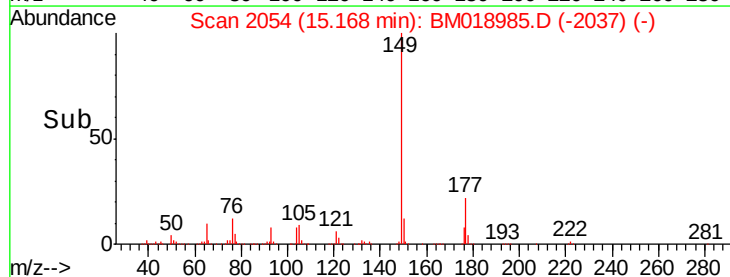
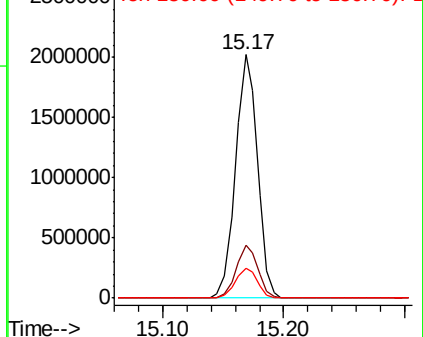


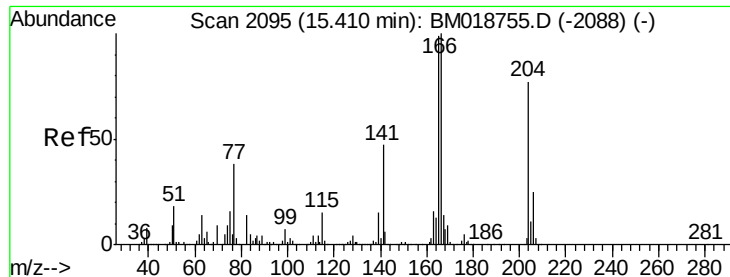
Abundance

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

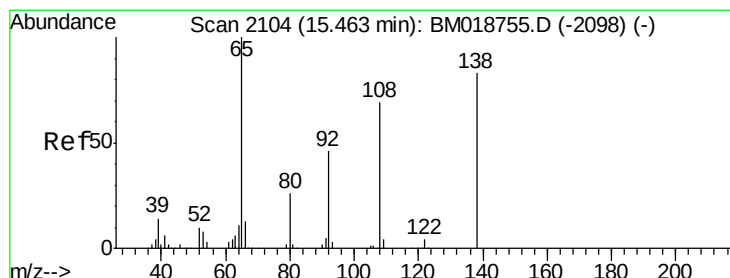
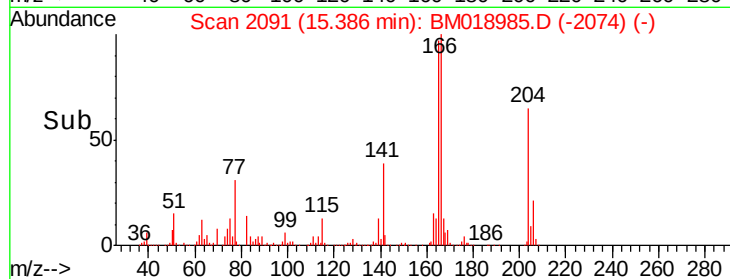
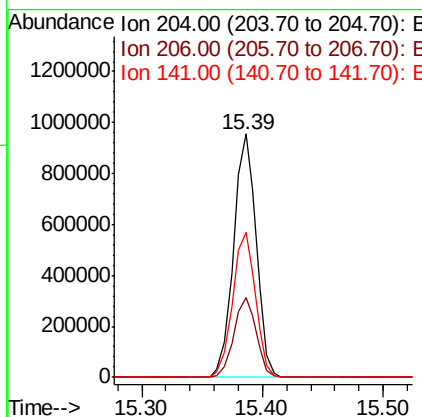
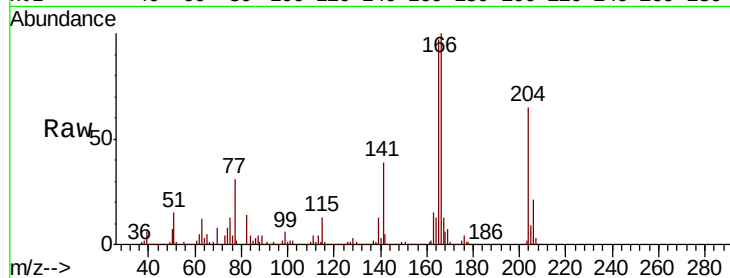




#61  
 4-Chlorophenyl-phenylether  
 Concen: 41.512 ng  
 RT: 15.39 min Scan# 2091  
 Delta R.T. 0.00 min  
 Lab File: BM018985.D  
 Acq: 01 Mar 2019 12:56

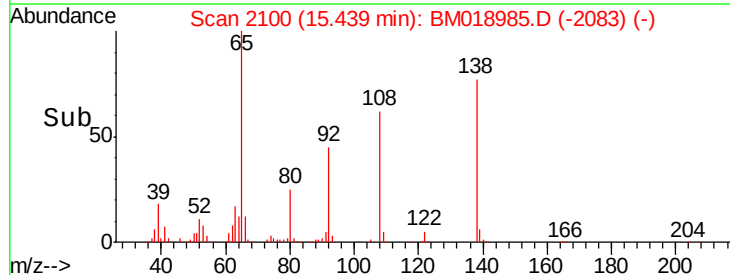
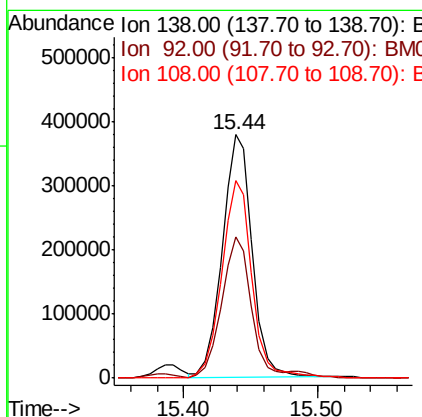
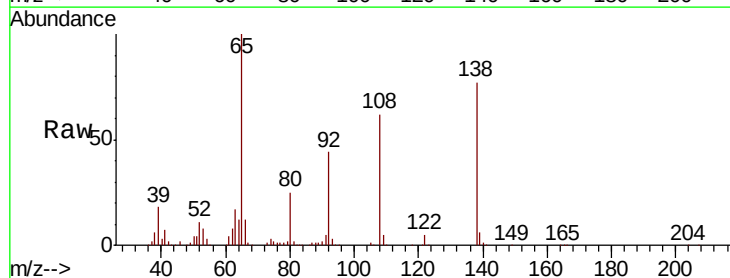
Instrument :  
 BNA\_M  
 ClientSampled :

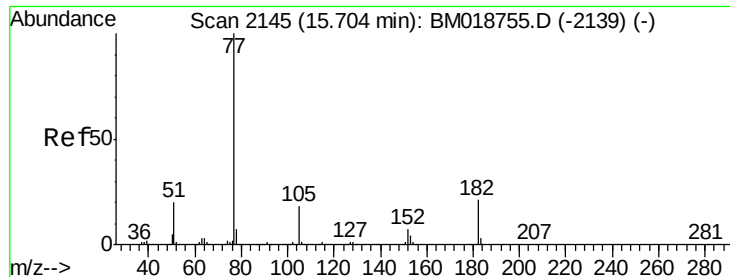
Tot Ion:204 Resp: 1243156  
 Ion Ratio Lower Upper  
 204 100  
 206 32.9 26.2 39.2  
 141 59.5 49.2 73.8



#62  
 4-Nitroaniline  
 Concen: 42.381 ng  
 RT: 15.44 min Scan# 2100  
 Delta R.T. 0.00 min  
 Lab File: BM018985.D  
 Acq: 01 Mar 2019 12:56

Tgt Ion:138 Resp: 593045  
 Ion Ratio Lower Upper  
 138 100  
 92 57.8 35.5 75.5  
 108 81.0 62.4 102.4





#63

Azobenzene

Concen: 43.350 ng

RT: 15.68 min Scan# 2141

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 77 Resp: 2796040

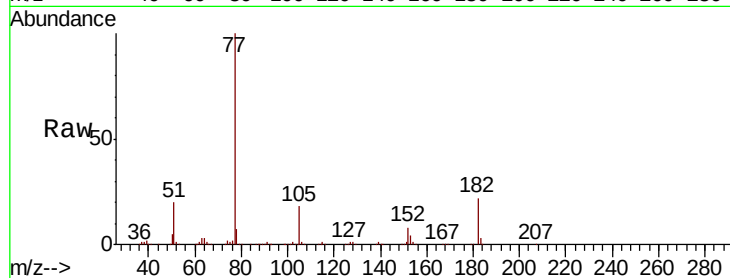
Ion Ratio Lower Upper

77 100

182 21.9 1.0 41.0

105 18.0 0.0 37.7

51 20.4 0.3 40.3

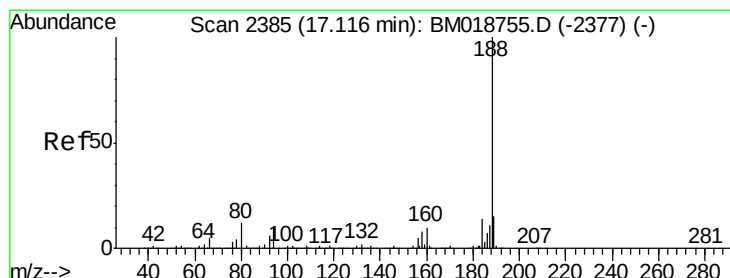
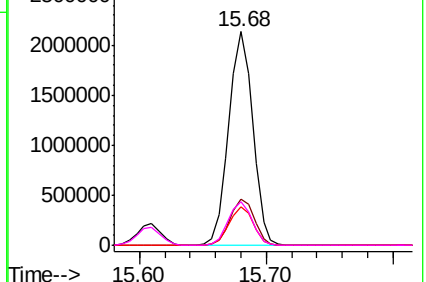
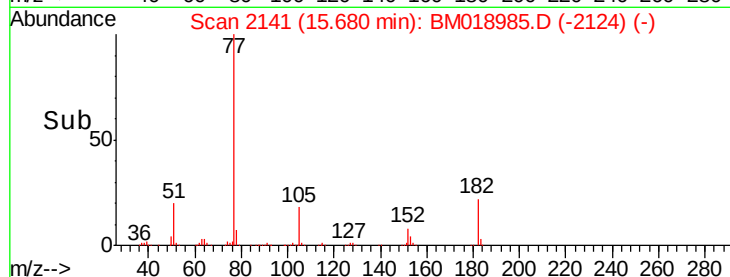


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2381

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

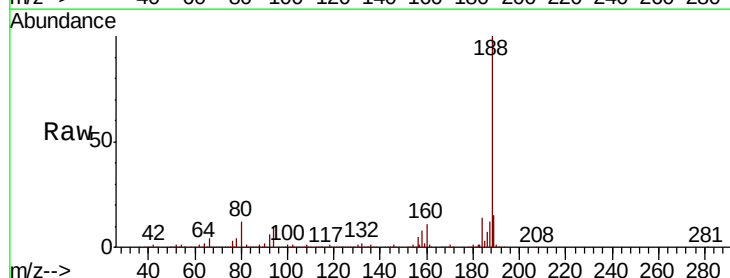
Tgt Ion: 188 Resp: 1580906

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.2

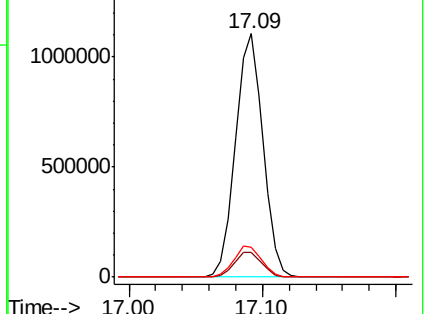
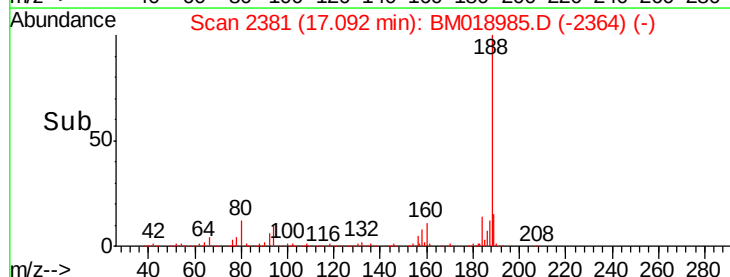
80 12.3 9.7 14.5

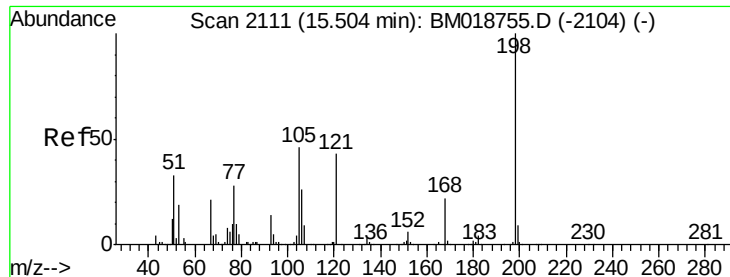


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

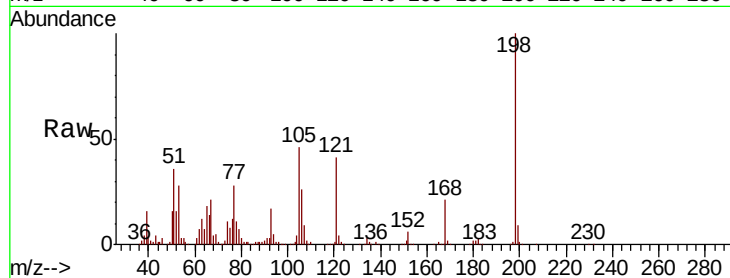




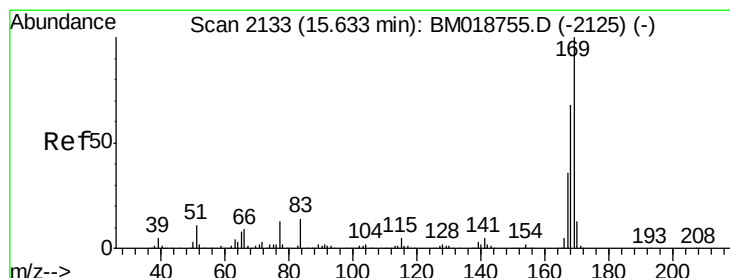
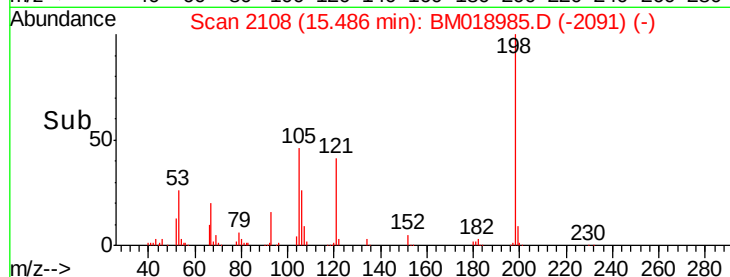
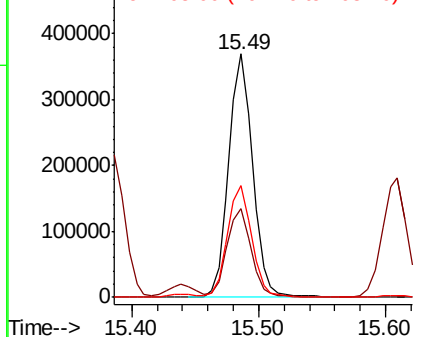
#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.452 ng  
RT: 15.49 min Scan# 2108  
Delta R.T. 0.00 min  
Lab File: BM018985.D  
Acq: 01 Mar 2019 12:56

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:198 Resp: 482305  
Ion Ratio Lower Upper  
198 100  
51 36.3 18.4 58.4  
105 45.9 27.2 67.2

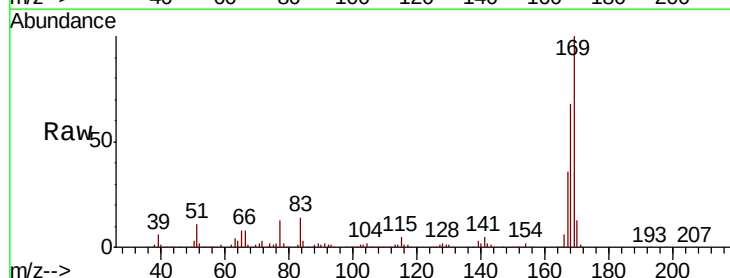


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BM  
Ion 105.00 (104.70 to 105.70): E

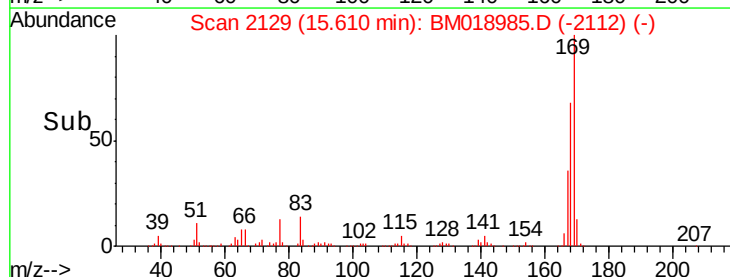
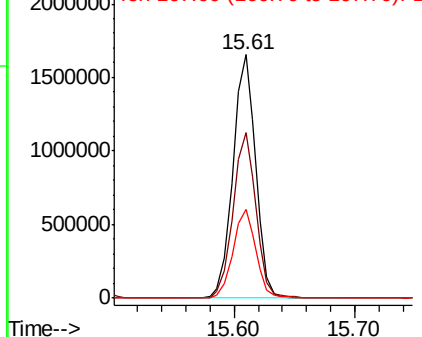


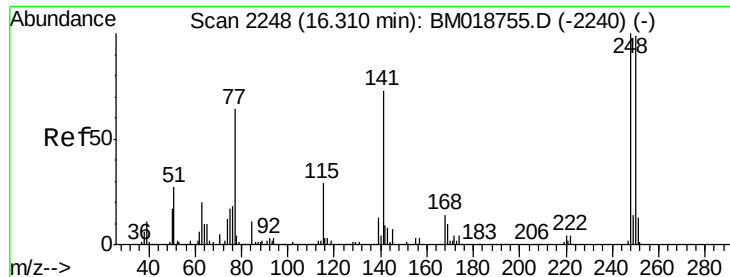
#66  
n-Nitrosodiphenylamine  
Concen: 43.217 ng  
RT: 15.61 min Scan# 2129  
Delta R.T. 0.00 min  
Lab File: BM018985.D  
Acq: 01 Mar 2019 12:56

Tgt Ion:169 Resp: 2158545  
Ion Ratio Lower Upper  
169 100  
168 68.0 54.4 81.6  
167 36.5 29.0 43.6



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

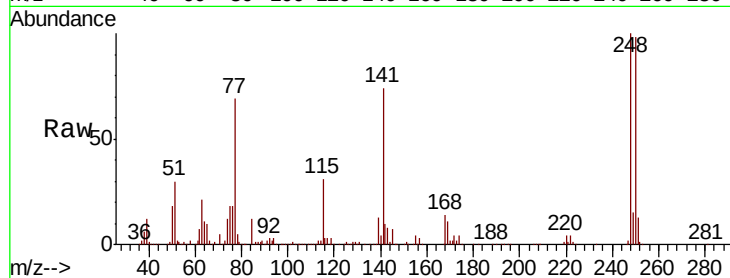




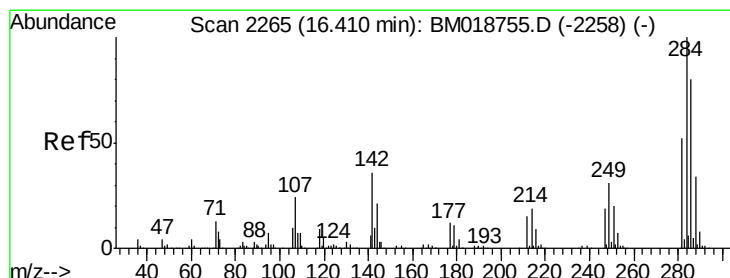
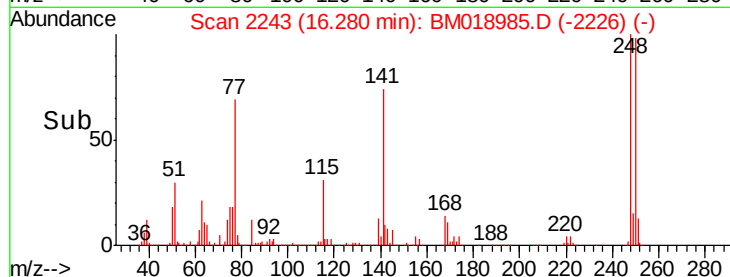
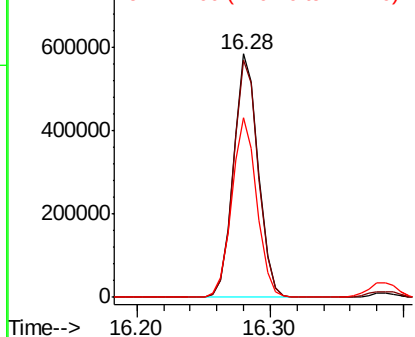
#67  
4-Bromophenyl-phenylether  
Concen: 42.370 ng  
RT: 16.28 min Scan# 2243  
Delta R.T. 0.00 min  
Lab File: BM018985.D  
Acq: 01 Mar 2019 12:56

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:248 Resp: 749763  
Ion Ratio Lower Upper  
248 100  
250 97.6 79.0 118.6  
141 73.9 58.6 88.0

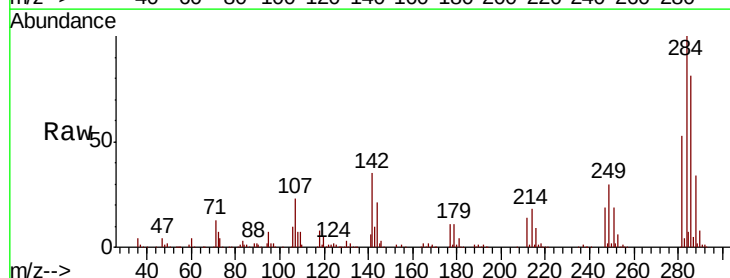


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

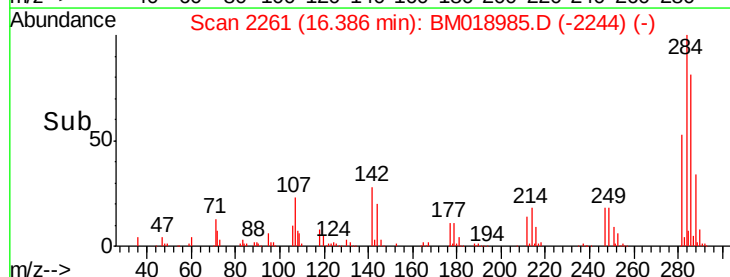
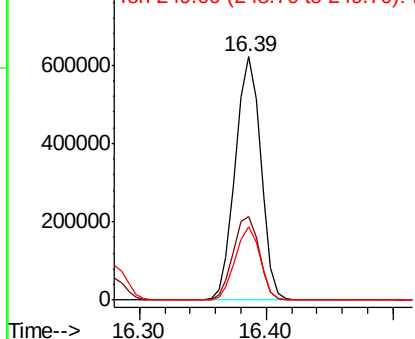


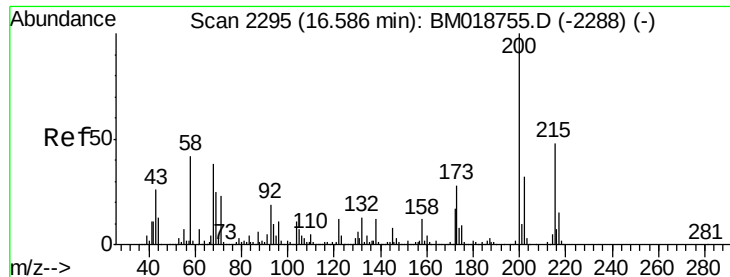
#68  
Hexachlorobenzene  
Concen: 42.047 ng  
RT: 16.39 min Scan# 2261  
Delta R.T. 0.00 min  
Lab File: BM018985.D  
Acq: 01 Mar 2019 12:56

Tgt Ion:284 Resp: 864841  
Ion Ratio Lower Upper  
284 100  
142 34.5 28.9 43.3  
249 30.0 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

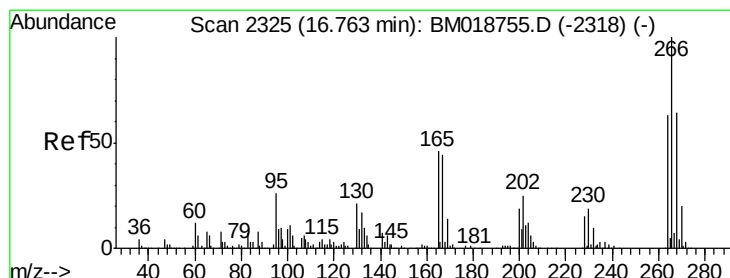
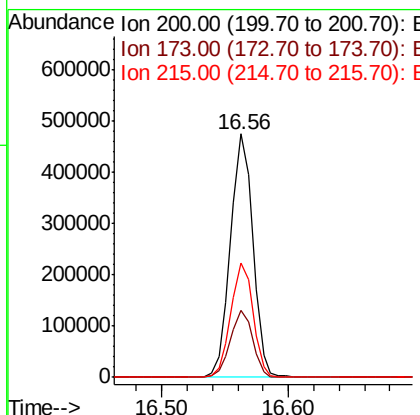
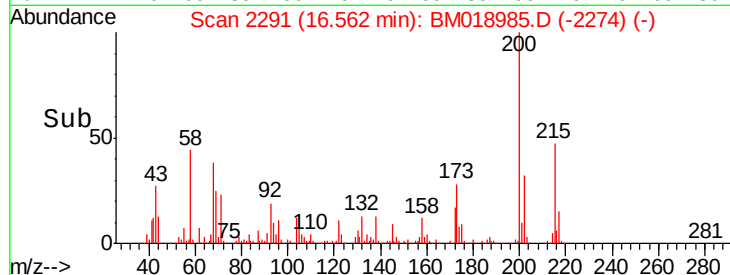
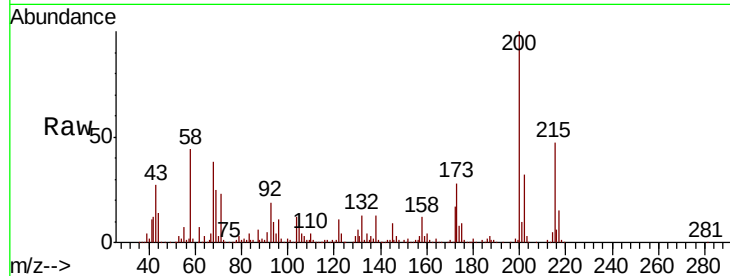




#69  
 Atrazine  
 Concen: 35.995 ng  
 RT: 16.56 min Scan# 2291  
 Delta R.T. 0.00 min  
 Lab File: BM018985.D  
 Acq: 01 Mar 2019 12:56

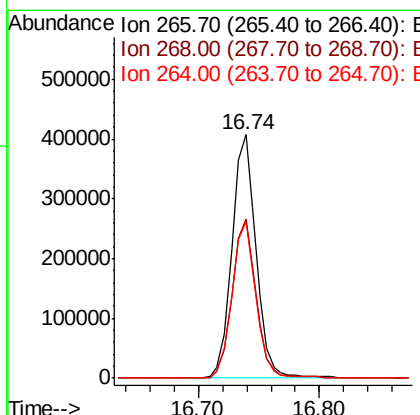
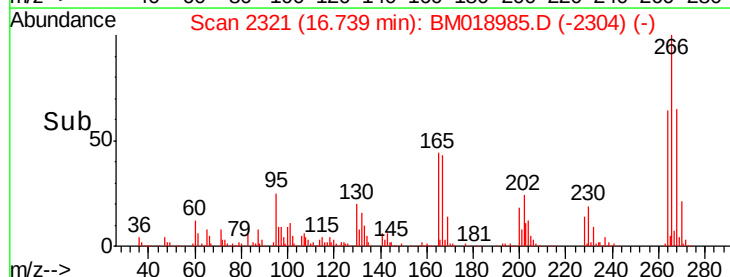
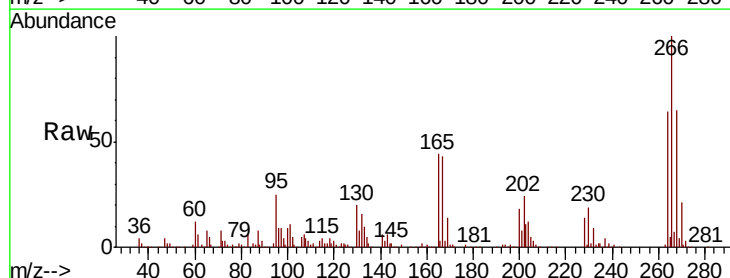
Instrument :  
 BNA\_M  
 ClientSampleId :

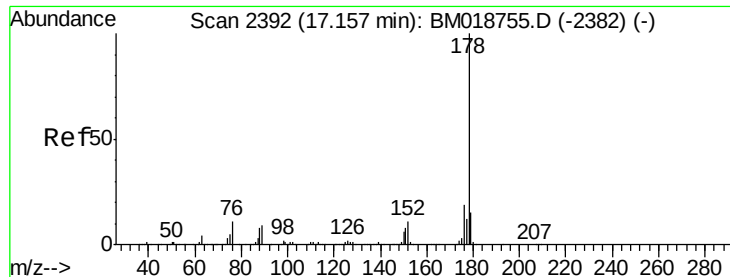
Tot Ion:200 Resp: 579602  
 Ion Ratio Lower Upper  
 200 100  
 173 27.5 7.6 47.6  
 215 46.7 27.6 67.6



#70  
 Pentachlorophenol  
 Concen: 42.838 ng  
 RT: 16.74 min Scan# 2321  
 Delta R.T. 0.00 min  
 Lab File: BM018985.D  
 Acq: 01 Mar 2019 12:56

Tgt Ion:266 Resp: 567332  
 Ion Ratio Lower Upper  
 266 100  
 268 65.4 51.3 76.9  
 264 64.2 50.6 75.8

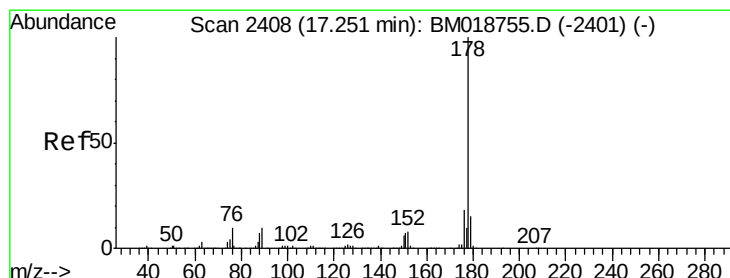
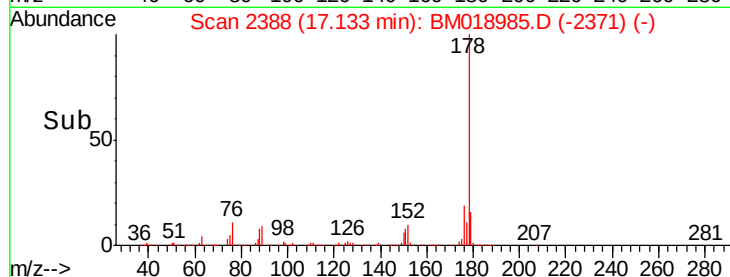
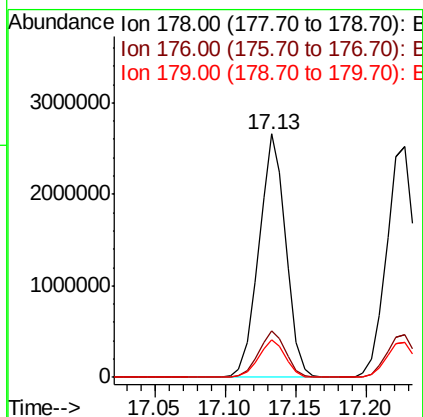
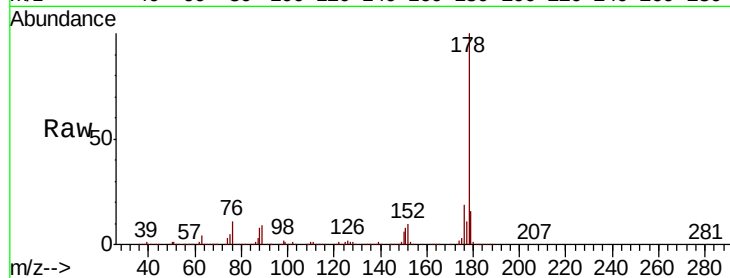




#71  
Phenanthrene  
Concen: 41.893 ng  
RT: 17.13 min Scan# 2388  
Delta R.T. 0.00 min  
Lab File: BM018985.D  
Acq: 01 Mar 2019 12:56

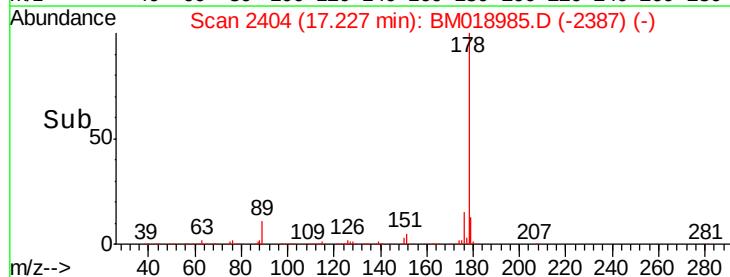
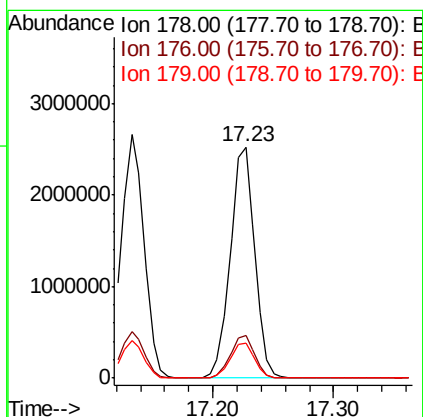
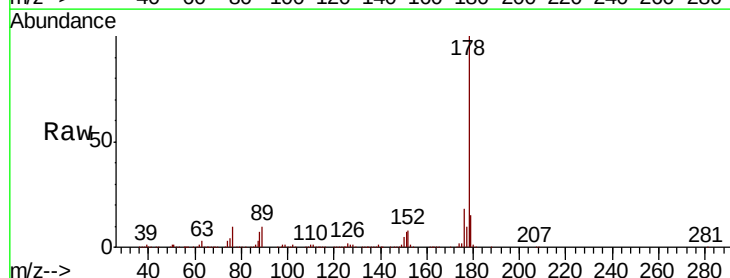
Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:178 Resp: 3559260  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.4 23.0  
179 15.6 12.3 18.5

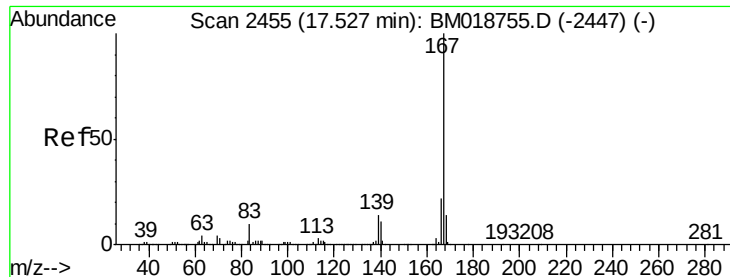


#72  
Anthracene  
Concen: 42.949 ng  
RT: 17.23 min Scan# 2404  
Delta R.T. 0.00 min  
Lab File: BM018985.D  
Acq: 01 Mar 2019 12:56

Tgt Ion:178 Resp: 3551611  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.8 22.2  
179 15.2 12.1 18.1





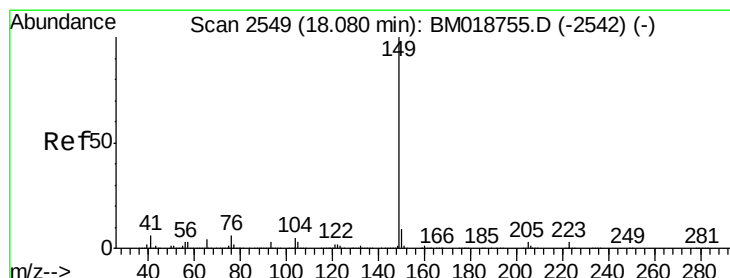
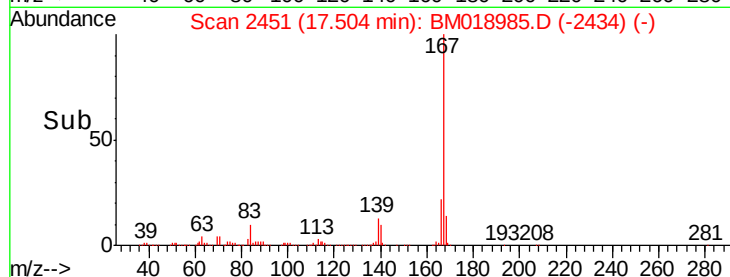
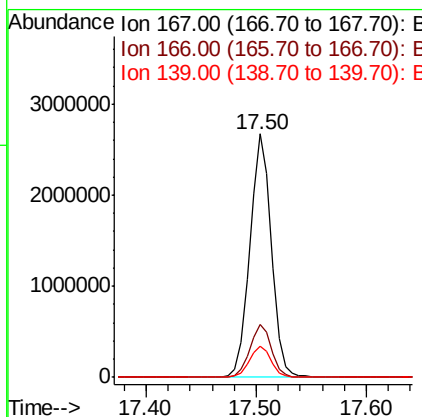
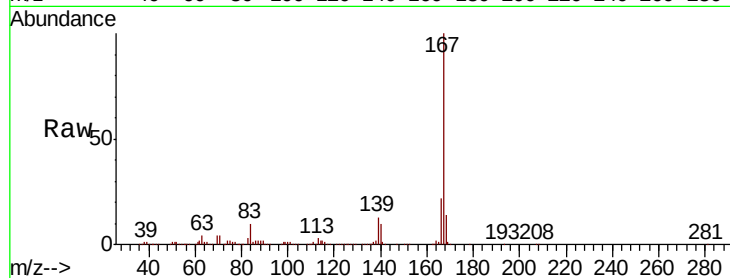


#73  
 Carbazole  
 Concen: 42.316 ng  
 RT: 17.50 min Scan# 2451  
 Delta R.T. 0.00 min  
 Lab File: BM018985.D  
 Acq: 01 Mar 2019 12:56

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:167 Resp: 3655924  

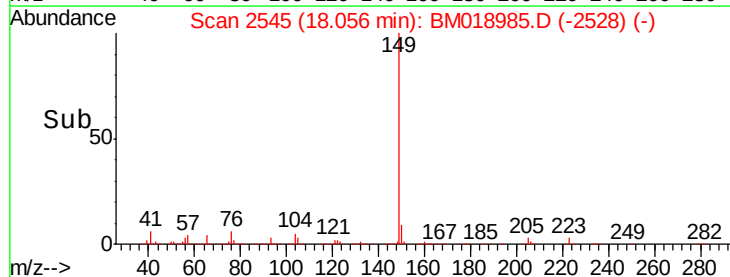
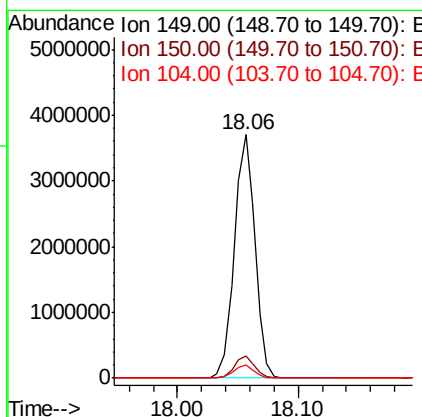
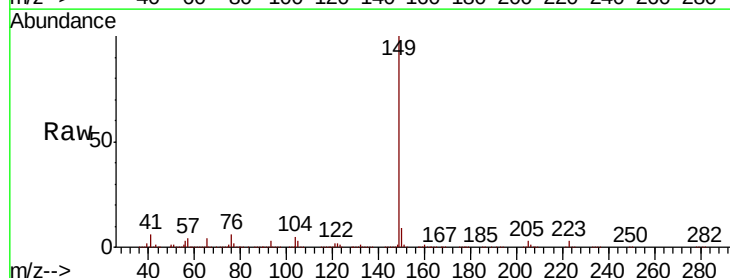
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.9  | 17.7  | 26.5  |
| 139 | 12.9  | 10.9  | 16.3  |

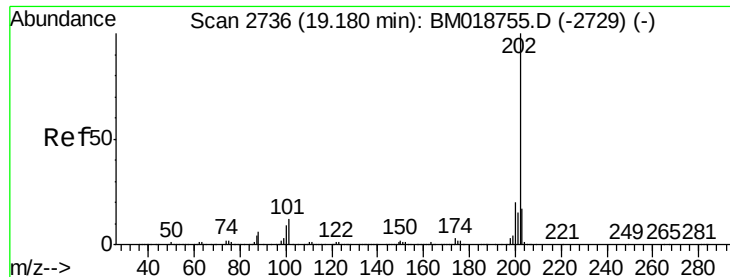


#74  
 Di-n-butylphthalate  
 Concen: 44.280 ng  
 RT: 18.06 min Scan# 2545  
 Delta R.T. 0.00 min  
 Lab File: BM018985.D  
 Acq: 01 Mar 2019 12:56

Tgt Ion:149 Resp: 4399694  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.2   | 7.4   | 11.0  |
| 104 | 5.3   | 4.3   | 6.5   |





#75

Fluoranthene

Concen: 40.708 ng

RT: 19.16 min Scan# 2732

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

Instrument :

BNA\_M

ClientSampleId :

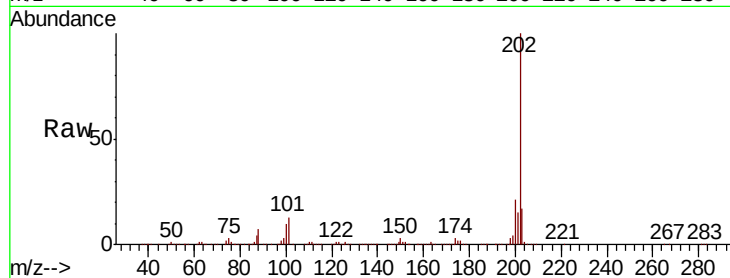
Tot Ion:202 Resp: 3995047

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 12.7  | 0.0   | 31.5  |
| 203 | 17.4  | 0.0   | 37.3  |

202 100

101 12.7 0.0 31.5

203 17.4 0.0 37.3

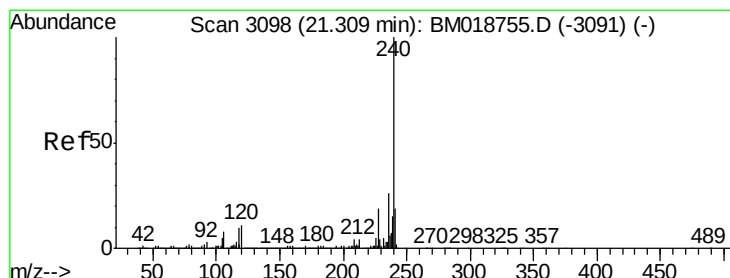
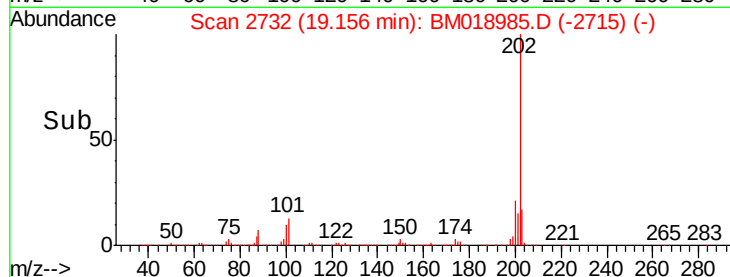
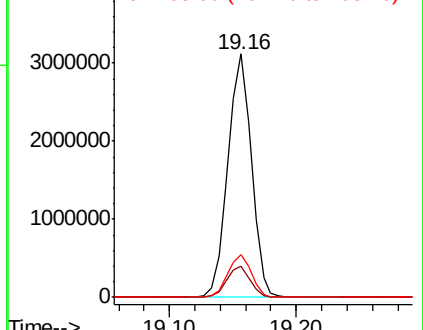


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.29 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

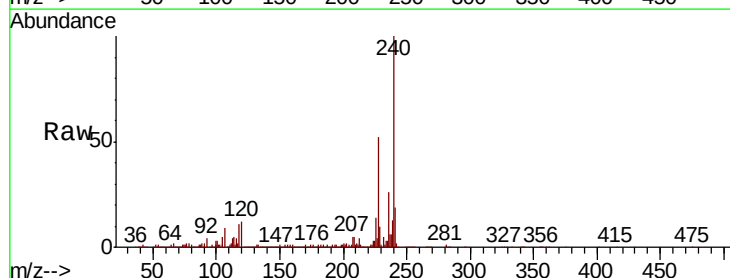
Tgt Ion:240 Resp: 1547937

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 12.2  | 8.9   | 13.3  |
| 236 | 25.6  | 20.9  | 31.3  |

240 100

120 12.2 8.9 13.3

236 25.6 20.9 31.3

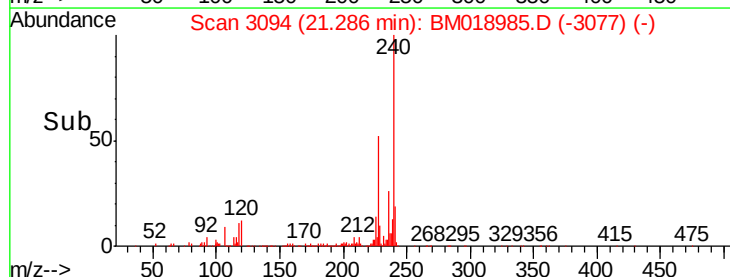
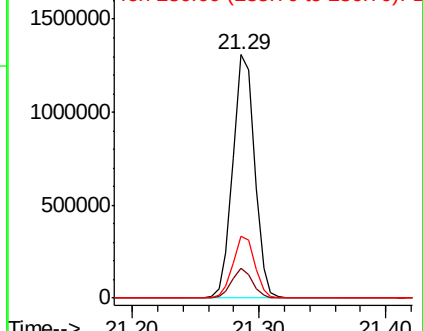


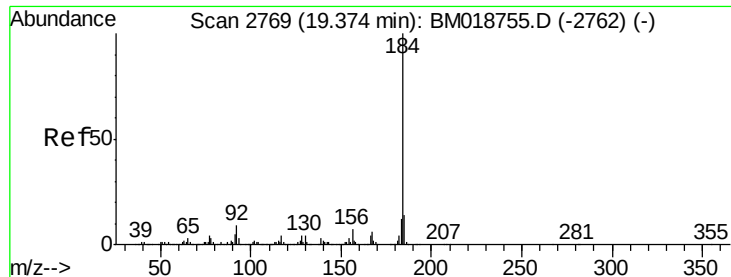
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.656 ng

RT: 19.36 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

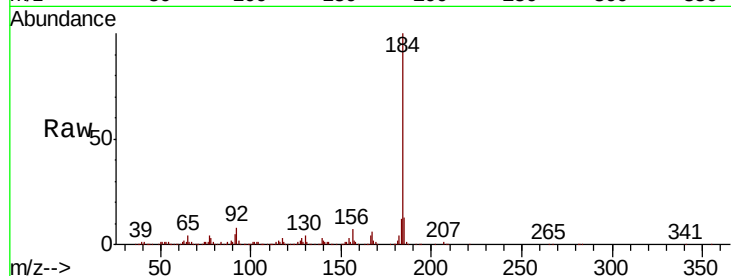
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:184 Resp: 1591643

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 13.4  | 11.2  | 16.8  |
| 183 | 12.0  | 9.7   | 14.5  |

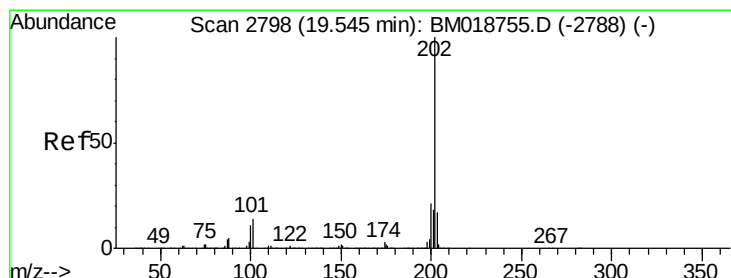
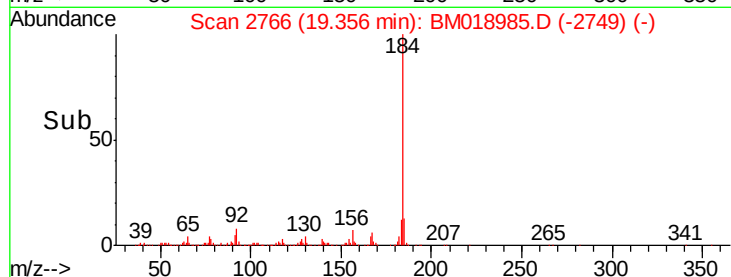
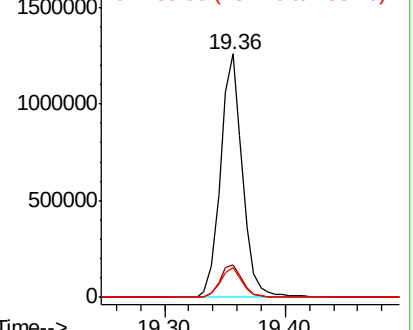


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.597 ng

RT: 19.52 min Scan# 2794

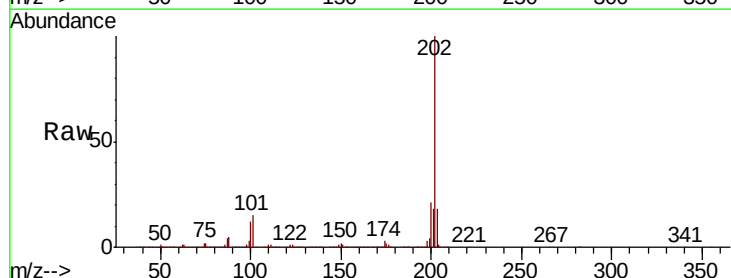
Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

Tgt Ion:202 Resp: 4189226

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.2  | 16.9  | 25.3  |
| 203 | 17.6  | 13.8  | 20.8  |

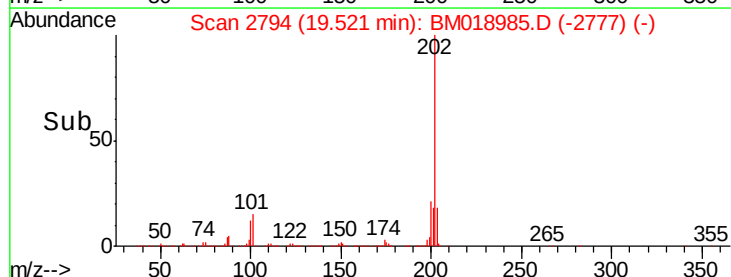
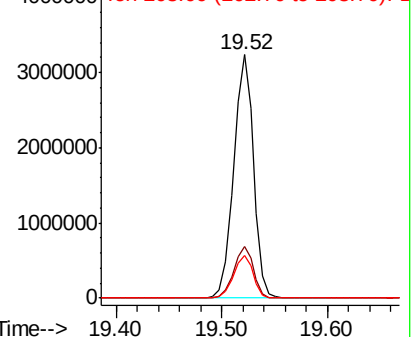


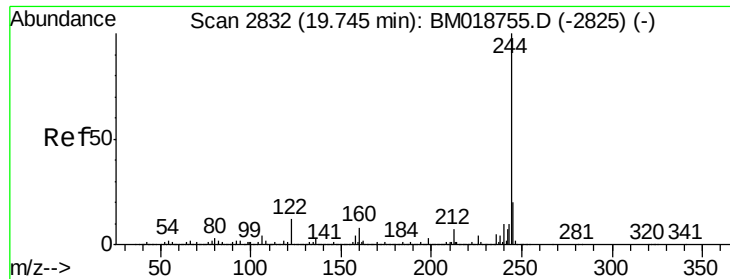
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 94.767 ng

RT: 19.73 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

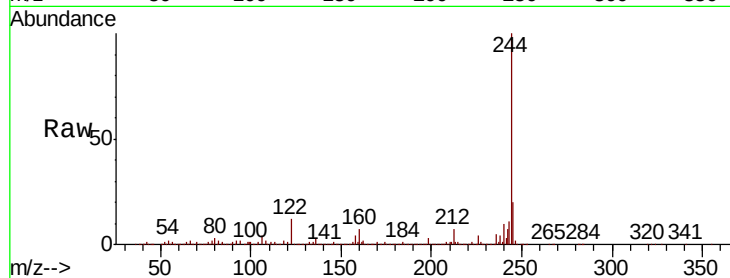
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:244 Resp: 7111040

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 6.9   | 5.6   | 8.4   |
| 122 | 11.9  | 9.3   | 13.9  |

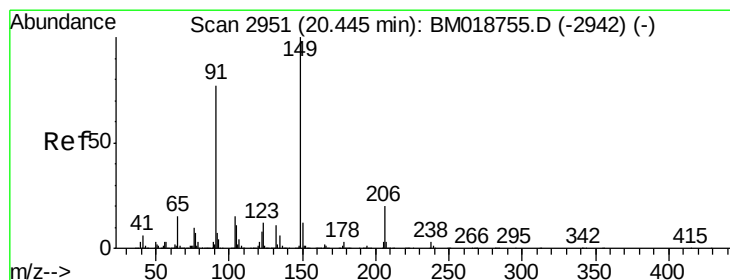
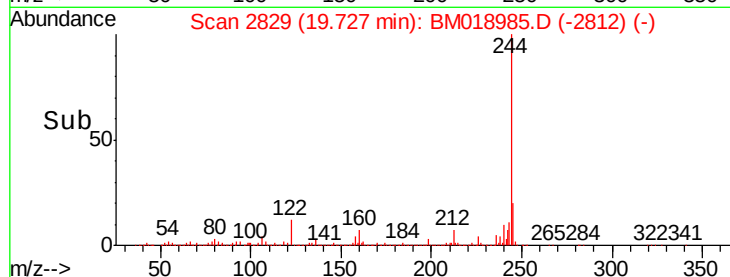
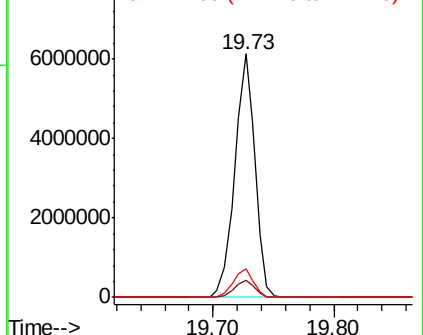


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.490 ng

RT: 20.42 min Scan# 2947

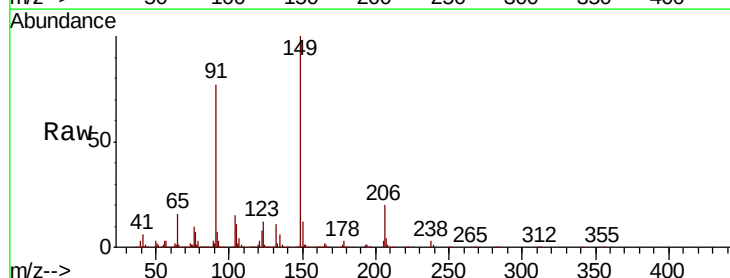
Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

Tgt Ion:149 Resp: 1986727

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 77.2  | 61.4  | 92.0  |
| 206 | 19.8  | 15.8  | 23.8  |

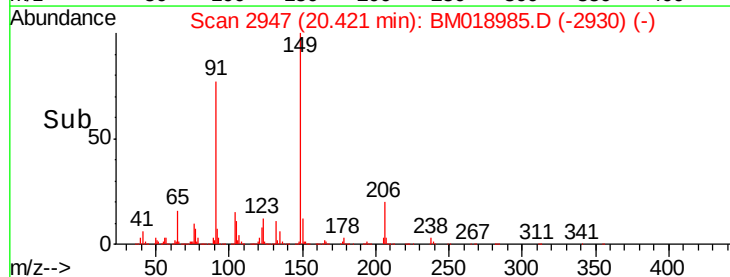
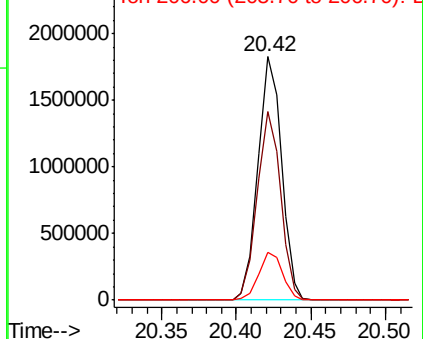


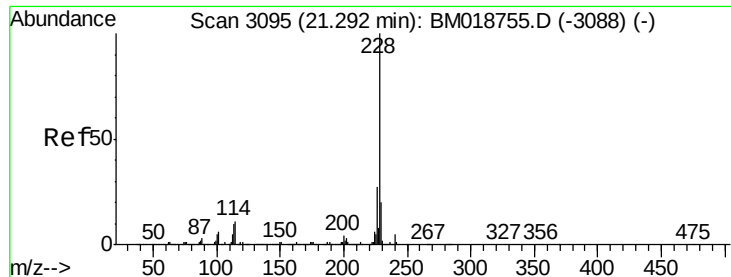
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.675 ng

RT: 21.27 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

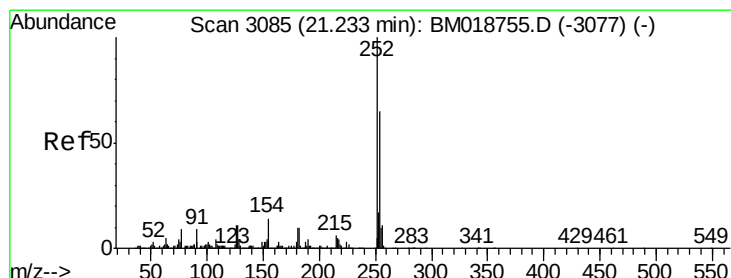
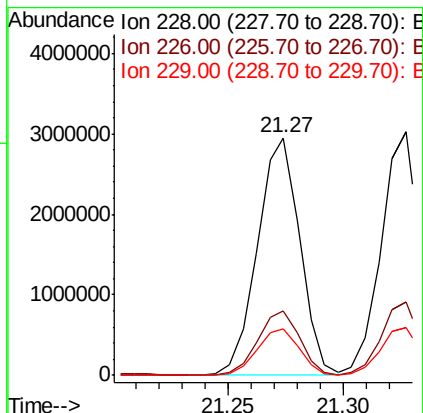
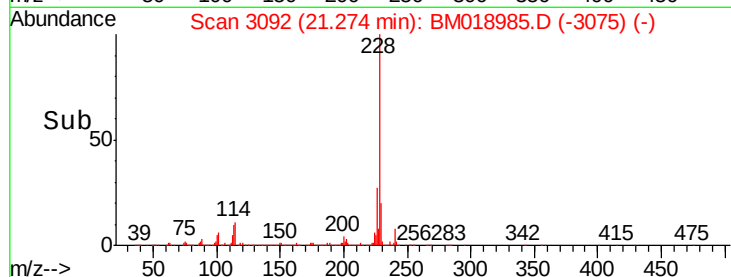
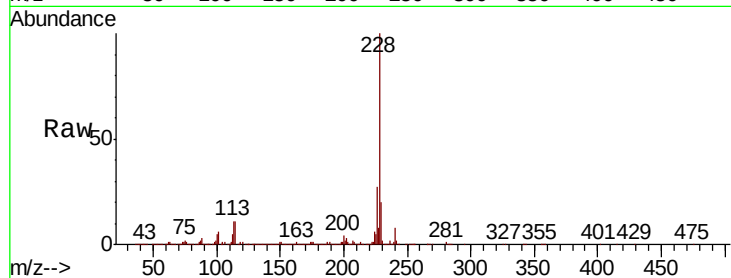
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:228 Resp: 3760413

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.1  | 21.9  | 32.9  |
| 229 | 19.8  | 15.9  | 23.9  |



#82

3,3'-Dichlorobenzidine

Concen: 42.456 ng

RT: 21.22 min Scan# 3082

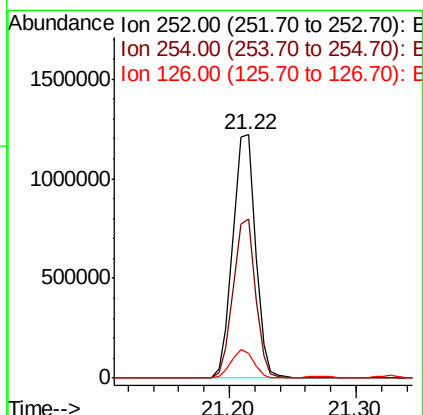
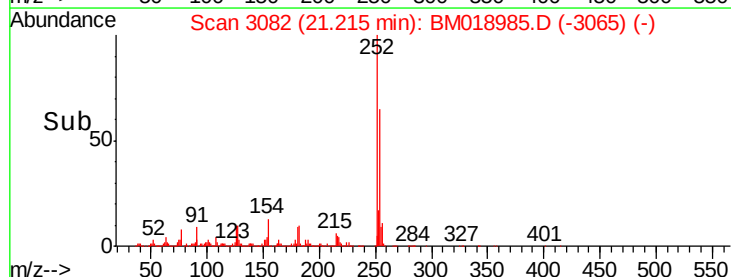
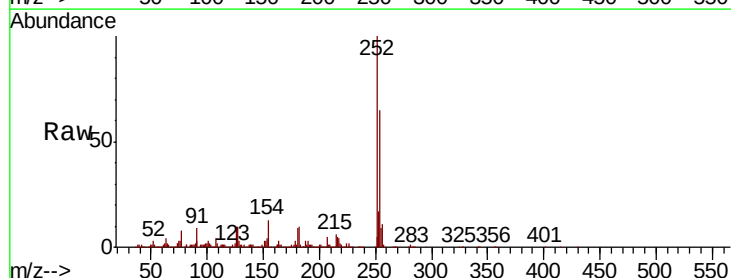
Delta R.T. 0.00 min

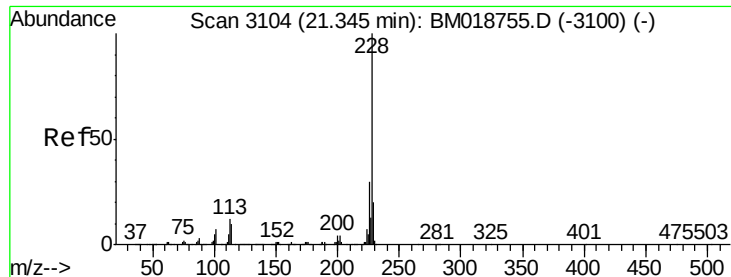
Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

Tgt Ion:252 Resp: 1514034

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 65.4  | 51.8  | 77.8  |
| 126 | 10.4  | 9.1   | 13.7  |



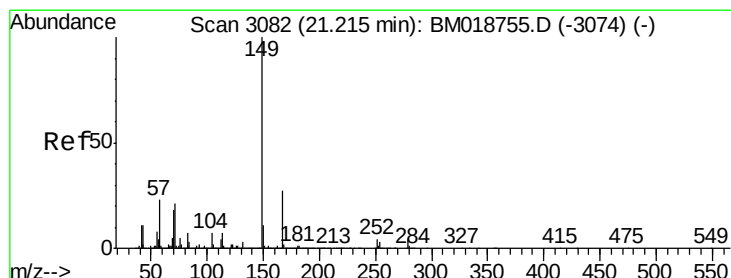
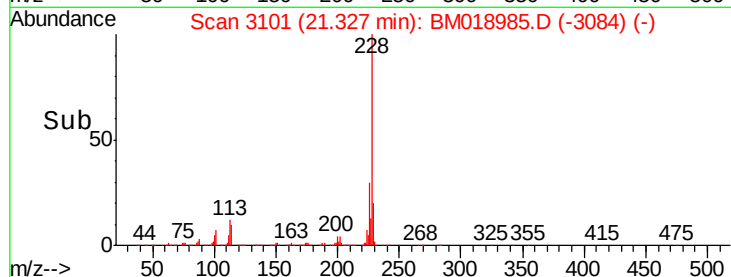
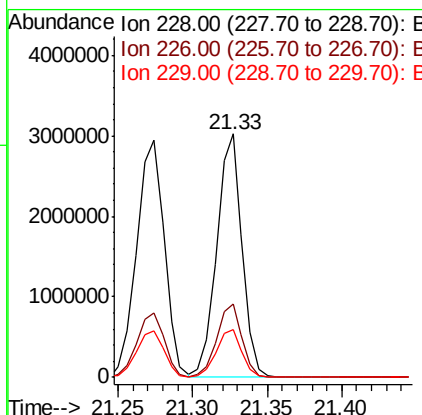
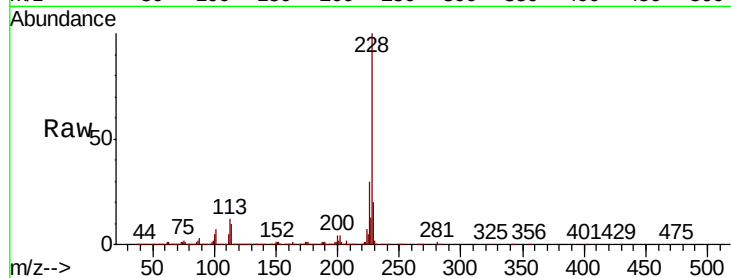


#83  
 Chrysene  
 Concen: 41.370 ng  
 RT: 21.33 min Scan# 3101  
 Delta R.T. 0.00 min  
 Lab File: BM018985.D  
 Acq: 01 Mar 2019 12:56

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:228 Resp: 3577976  

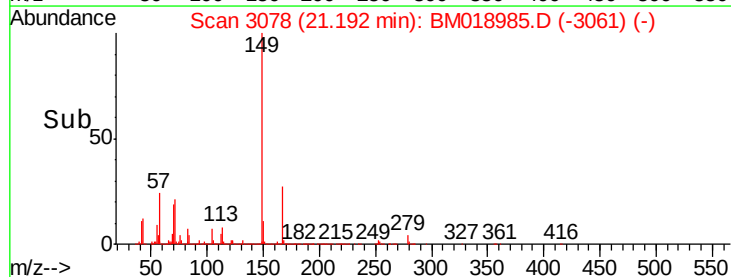
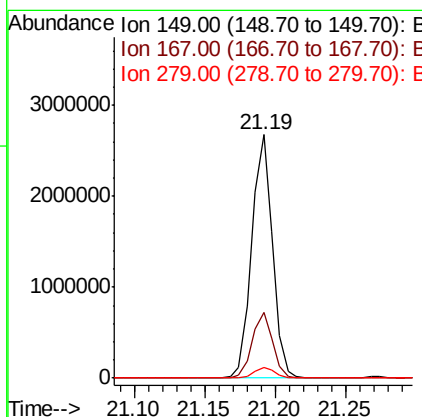
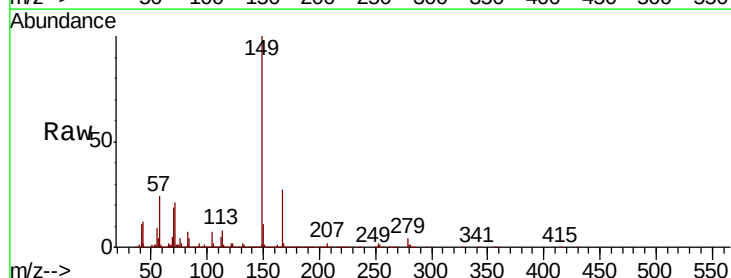
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.0  | 24.1  | 36.1  |
| 229 | 19.6  | 16.0  | 24.0  |

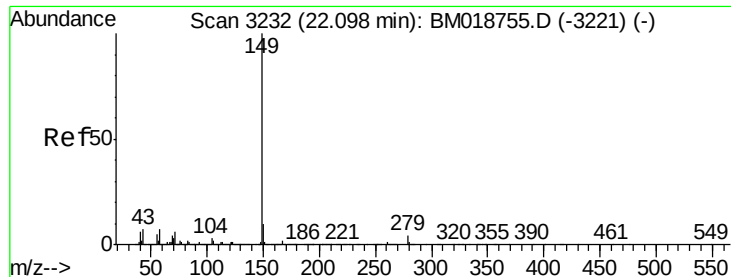


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 46.108 ng  
 RT: 21.19 min Scan# 3078  
 Delta R.T. 0.00 min  
 Lab File: BM018985.D  
 Acq: 01 Mar 2019 12:56

Tgt Ion:149 Resp: 2764964  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.1  | 21.8  | 32.6  |
| 279 | 4.5   | 3.6   | 5.4   |





#85

Di-n-octyl phthalate

Concen: 42.135 ng

RT: 22.07 min Scan# 3228

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

Instrument :

BNA\_M

ClientSampled :

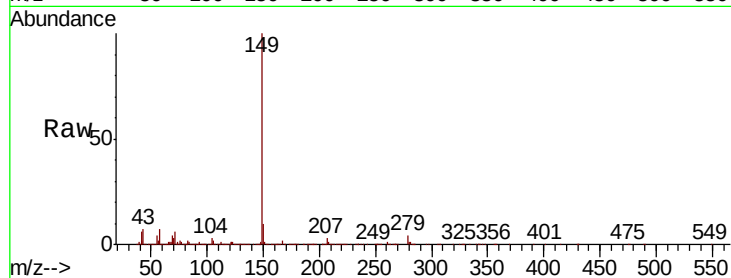
Tot Ion:149 Resp: 4246711

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

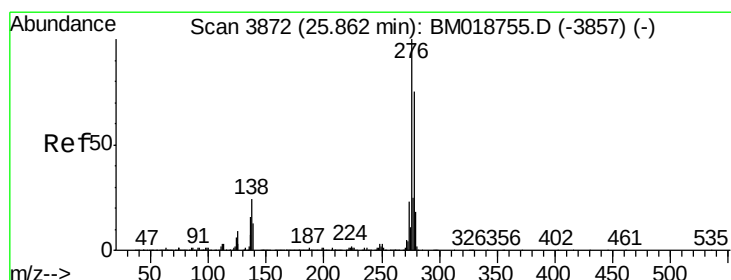
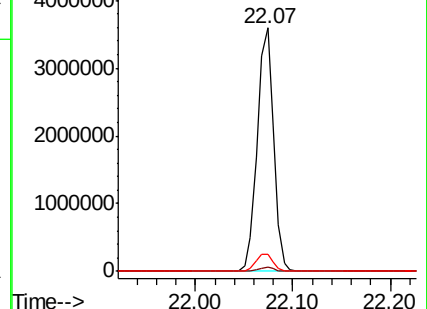
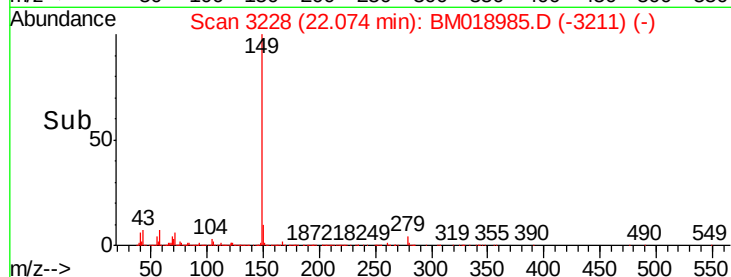
43 7.6 6.0 9.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.775 ng

RT: 25.81 min Scan# 3864

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

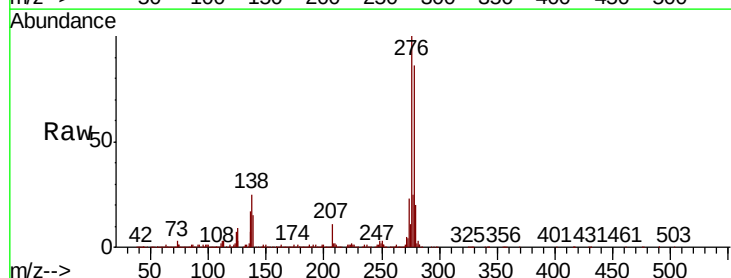
Tgt Ion:276 Resp: 3372510

Ion Ratio Lower Upper

276 100

138 25.3 20.2 30.4

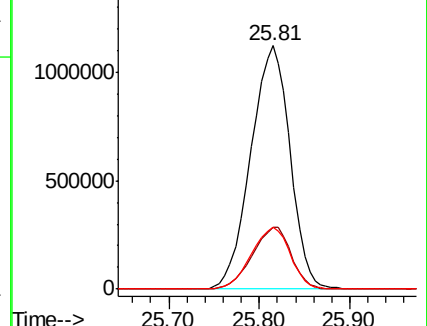
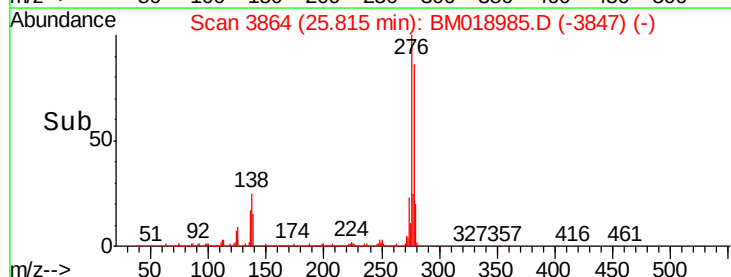
277 25.3 20.3 30.5

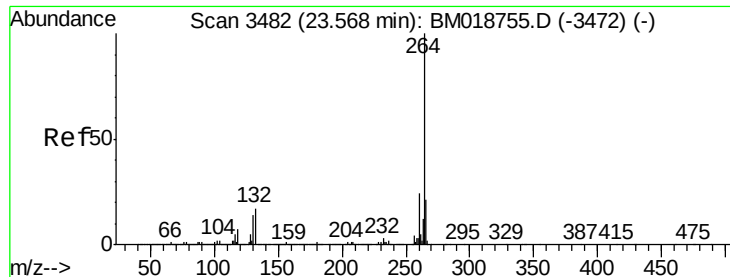


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.53 min Scan# 3476

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

Instrument :

BNA\_M

ClientSampled :

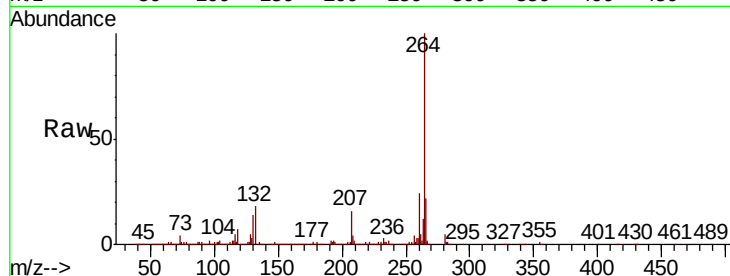
Tot Ion:264 Resp: 1336013

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

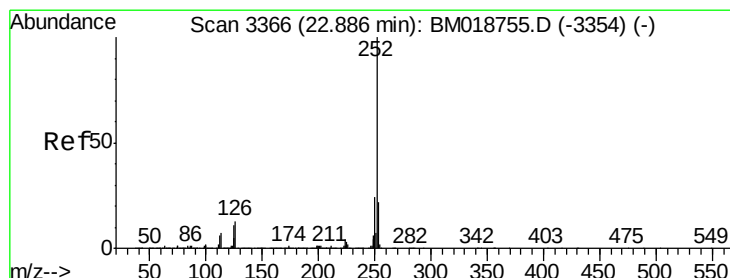
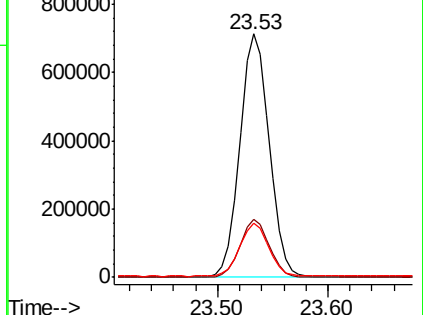
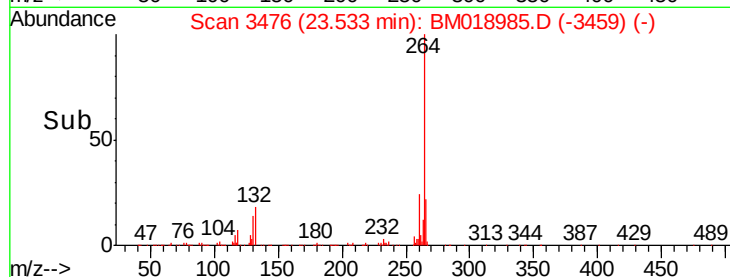
265 22.5 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.059 ng

RT: 22.86 min Scan# 3361

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

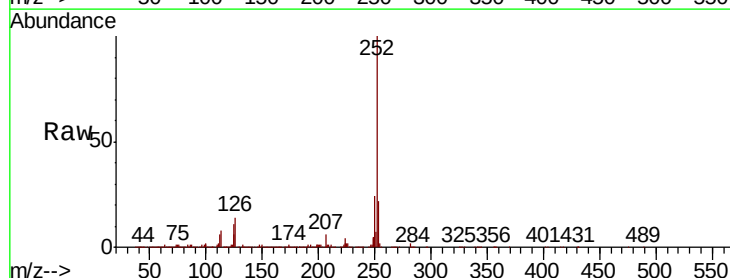
Tgt Ion:252 Resp: 3291378

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

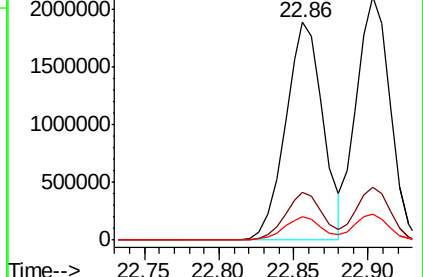
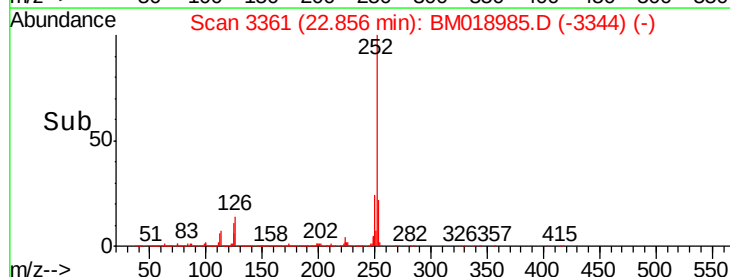
125 10.8 8.6 12.8



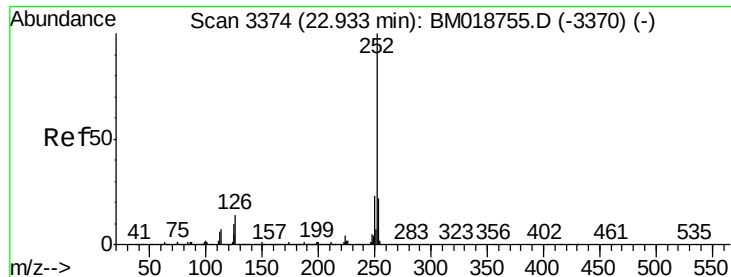
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







#89

Benzo(k)fluoranthene

Concen: 42.827 ng

RT: 22.90 min Scan# 3369

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

Instrument :

BNA\_M

ClientSampleId :

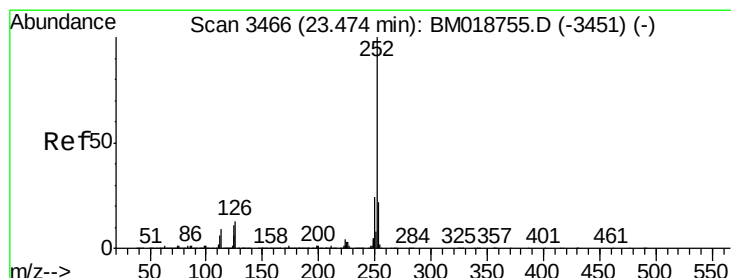
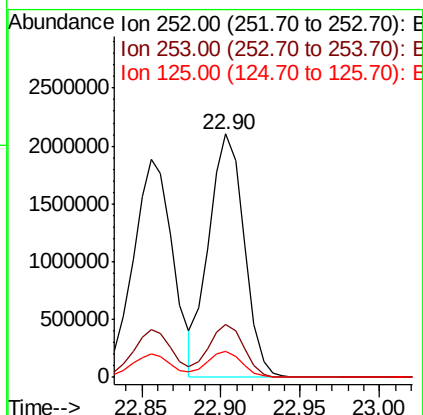
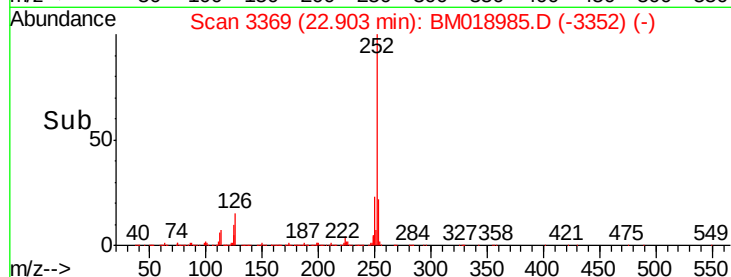
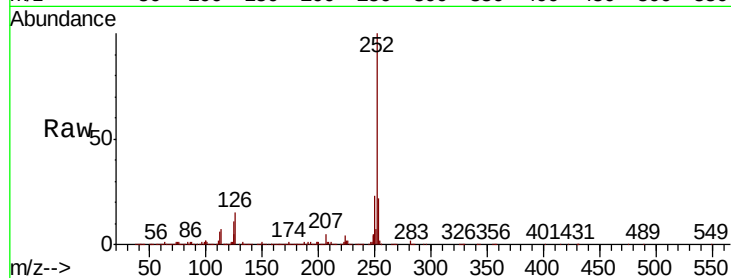
Tot Ion:252 Resp: 3259127

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 10.6 8.2 12.4



#90

Benzo(a)pyrene

Concen: 41.903 ng

RT: 23.44 min Scan# 3460

Delta R.T. 0.00 min

Lab File: BM018985.D

Acq: 01 Mar 2019 12:56

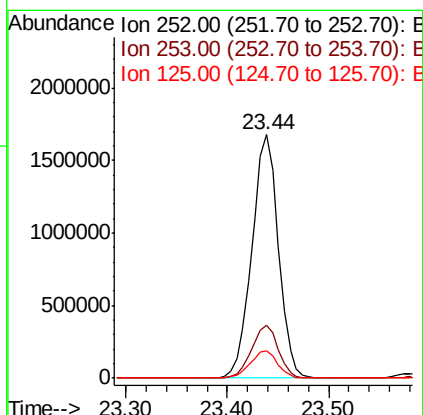
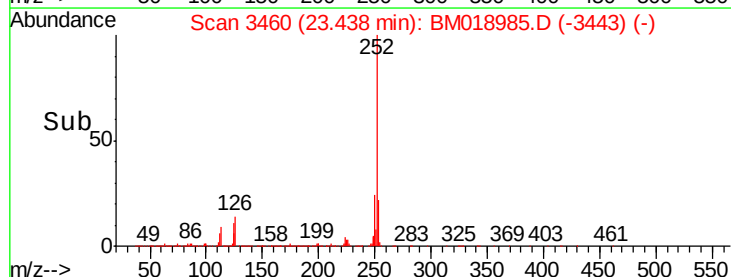
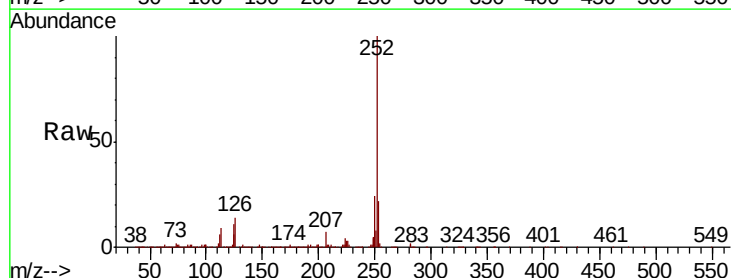
Tgt Ion:252 Resp: 3034295

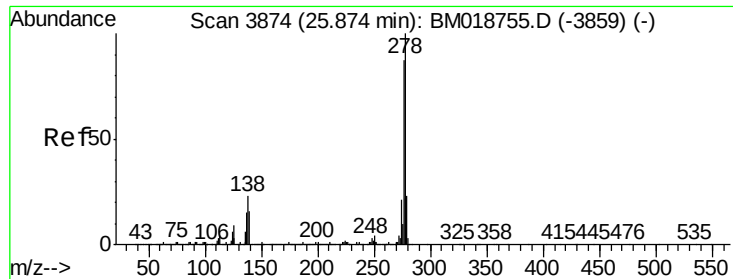
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 11.2 8.6 13.0

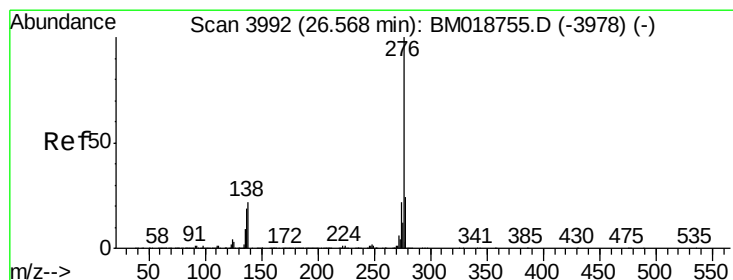
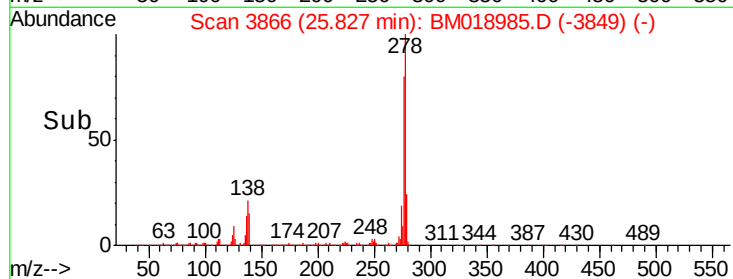
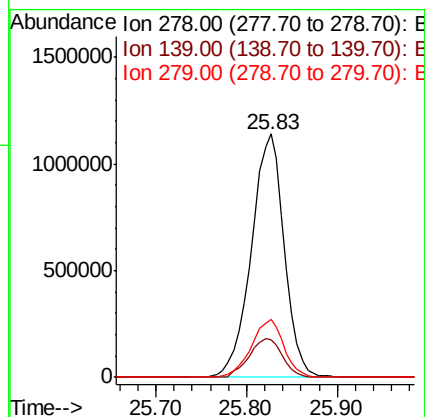
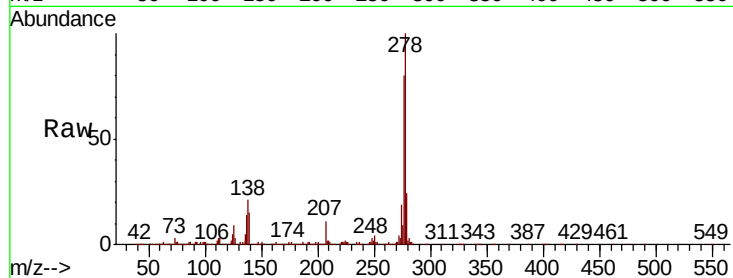




#91  
Dibenzo(a,h)anthracene  
Concen: 40.096 ng  
RT: 25.83 min Scan# 3866  
Delta R.T. 0.00 min  
Lab File: BM018985.D  
Acq: 01 Mar 2019 12:56

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:278 Resp: 2876557  
Ion Ratio Lower Upper  
278 100  
139 15.4 12.6 18.8  
279 23.7 18.6 28.0



#92  
Benzo(g,h,i)perylene  
Concen: 40.410 ng  
RT: 26.51 min Scan# 3983  
Delta R.T. 0.00 min  
Lab File: BM018985.D  
Acq: 01 Mar 2019 12:56

Tgt Ion:276 Resp: 2698976  
Ion Ratio Lower Upper  
276 100  
277 24.0 19.2 28.8  
138 21.1 17.3 25.9

