

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM051419\  
 Data File : BM020339.D  
 Acq On : 14 May 2019 19:06  
 Operator : JU/SJ  
 Sample : PB119718BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB119718BS

Quant Time: May 15 03:49:34 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM043019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 03:58:37 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.76  | 152  | 66209    | 20.00 | ng    | -0.04    |
| 21) Naphthalene-d8        | 10.55 | 136  | 233141   | 20.00 | ng    | -0.04    |
| 39) Acenaphthene-d10      | 14.40 | 164  | 139893   | 20.00 | ng    | -0.03    |
| 64) Phenanthrene-d10      | 17.16 | 188  | 342919   | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12          | 21.35 | 240  | 373306   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 23.63 | 264  | 435002   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.35  | 112 | 325457  | 80.35 | ng | -0.02 |
| 7) Phenol-d6             | 6.93  | 99  | 413884  | 74.80 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 8.93  | 82  | 442698  | 74.97 | ng | -0.03 |
| 42) 2,4,6-Tribromophenol | 15.90 | 330 | 190599  | 87.78 | ng | -0.02 |
| 45) 2-Fluorobiphenyl     | 13.02 | 172 | 904997  | 79.59 | ng | -0.04 |
| 79) Terphenyl-d14        | 19.79 | 244 | 1500407 | 70.10 | ng | -0.02 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.28  | 88  | 60288  | 30.348 | ng | 91     |
| 3) Pyridine                    | 3.68  | 79  | 166626 | 32.796 | ng | 93     |
| 4) n-Nitrosodimethylamine      | 3.60  | 42  | 51845  | 31.822 | ng | # 54   |
| 6) Aniline                     | 7.09  | 93  | 120046 | 17.234 | ng | 100    |
| 8) 2-Chlorophenol              | 7.32  | 128 | 163060 | 36.972 | ng | 98     |
| 9) Benzaldehyde                | 6.92  | 77  | 82268  | 19.643 | ng | 94     |
| 10) Phenol                     | 6.96  | 94  | 215330 | 36.147 | ng | 88     |
| 11) bis(2-Chloroethyl)ether    | 7.19  | 93  | 160400 | 37.047 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 7.65  | 146 | 185460 | 36.142 | ng | 92     |
| 13) 1,4-Dichlorobenzene        | 7.79  | 146 | 188946 | 36.450 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.10  | 146 | 182626 | 36.979 | ng | 97     |
| 15) Benzyl Alcohol             | 8.00  | 79  | 157441 | 29.507 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.29  | 45  | 124478 | 34.672 | ng | 96     |
| 17) 2-Methylphenol             | 8.20  | 107 | 139429 | 36.359 | ng | 93     |
| 18) Hexachloroethane           | 8.82  | 117 | 69741  | 32.266 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.56  | 70  | 148538 | 31.375 | ng | 94     |
| 20) 3+4-Methylphenols          | 8.53  | 107 | 176480 | 34.627 | ng | 94     |
| 22) Acetophenone               | 8.59  | 105 | 252345 | 39.604 | ng | # 97   |
| 24) Nitrobenzene               | 8.97  | 77  | 218481 | 35.683 | ng | 94     |
| 25) Isophorone                 | 9.49  | 82  | 384142 | 37.722 | ng | 98     |
| 26) 2-Nitrophenol              | 9.67  | 139 | 76218  | 41.233 | ng | 90     |
| 27) 2,4-Dimethylphenol         | 9.73  | 122 | 136548 | 44.371 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 9.97  | 93  | 209018 | 37.686 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.20 | 162 | 150721 | 38.840 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.41 | 180 | 186852 | 39.133 | ng | 98     |
| 31) Naphthalene                | 10.60 | 128 | 472664 | 39.068 | ng | 100    |
| 32) Benzoic acid               | 9.86  | 122 | 70897  | 34.530 | ng | 92     |
| 33) 4-Chloroaniline            | 10.73 | 127 | 68141  | 13.684 | ng | 97     |
| 34) Hexachlorobutadiene        | 10.86 | 225 | 124349 | 36.814 | ng | 100    |
| 35) Caprolactam                | 11.53 | 113 | 32202  | 27.752 | ng | 95     |
| 36) 4-Chloro-3-methylphenol    | 11.85 | 107 | 166812 | 36.580 | ng | 95     |
| 37) 2-Methylnaphthalene        | 12.22 | 142 | 350101 | 39.693 | ng | 97     |
| 38) 1-Methylnaphthalene        | 12.44 | 142 | 333665 | 38.686 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.59 | 216 | 216458 | 39.549 | ng | 98     |

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 Sample : PB119718BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

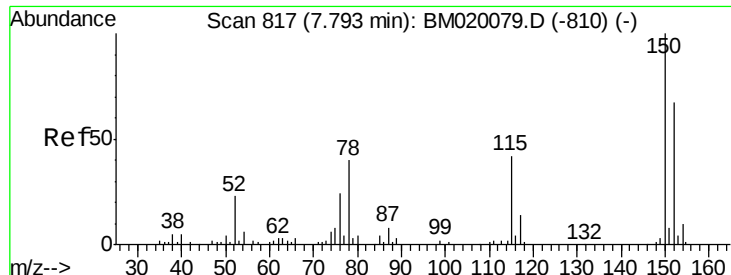
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB119718BS

Quant Time: May 15 03:49:34 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM043019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 03:58:37 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.55 | 237  | 133175   | 41.325 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 12.83 | 196  | 137262   | 44.128 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 12.90 | 196  | 146409   | 42.133 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.23 | 154  | 458532   | 39.822 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.28 | 162  | 368169   | 40.047 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.50 | 65   | 113084   | 34.551 | ng    | 88       |
| 49) Acenaphthylene             | 14.13 | 152  | 574068   | 39.017 | ng    | 99       |
| 50) Dimethylphthalate          | 13.87 | 163  | 464414   | 39.060 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.00 | 165  | 100144   | 39.990 | ng    | 88       |
| 52) Acenaphthene               | 14.47 | 154  | 333180   | 39.489 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.33 | 138  | 41693    | 17.938 | ng    | 93       |
| 54) 2,4-Dinitrophenol          | 14.54 | 184  | 28998    | 29.141 | ng    | 91       |
| 55) Dibenzofuran               | 14.81 | 168  | 569909   | 40.045 | ng    | 96       |
| 56) 4-Nitrophenol              | 14.64 | 139  | 140224   | 70.711 | ng    | 85       |
| 57) 2,4-Dinitrotoluene         | 14.79 | 165  | 136638   | 40.154 | ng    | # 93     |
| 58) Fluorene                   | 15.46 | 166  | 458758   | 39.250 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.03 | 232  | 145019   | 43.916 | ng    | 96       |
| 60) Diethylphthalate           | 15.23 | 149  | 458333   | 38.262 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.45 | 204  | 262787   | 39.681 | ng    | 95       |
| 62) 4-Nitroaniline             | 15.50 | 138  | 63997    | 24.950 | ng    | # 87     |
| 63) Azobenzene                 | 15.74 | 77   | 505532   | 35.773 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 15.54 | 198  | 24640    | 19.278 | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.67 | 169  | 401406   | 39.780 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.34 | 248  | 164213   | 39.051 | ng    | 96       |
| 68) Hexachlorobenzene          | 16.45 | 284  | 191331   | 39.540 | ng    | 96       |
| 69) Atrazine                   | 16.63 | 200  | 153729   | 38.984 | ng    | 96       |
| 70) Pentachlorophenol          | 16.80 | 266  | 250777   | 90.577 | ng    | 98       |
| 71) Phenanthrene               | 17.20 | 178  | 756120   | 39.944 | ng    | 99       |
| 72) Anthracene                 | 17.29 | 178  | 768225   | 40.591 | ng    | 98       |
| 73) Carbazole                  | 17.57 | 167  | 672989   | 39.409 | ng    | 98       |
| 74) Di-n-butylphthalate        | 18.12 | 149  | 807529   | 39.293 | ng    | 98       |
| 75) Fluoranthene               | 19.22 | 202  | 974521   | 40.689 | ng    | 99       |
| 77) Benzidine                  | 19.42 | 184  | 625184   | 52.383 | ng    | 99       |
| 78) Pyrene                     | 19.59 | 202  | 1000757  | 39.929 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.48 | 149  | 387967   | 42.567 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.33 | 228  | 993313   | 37.942 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.27 | 252  | 362907   | 36.320 | ng    | 99       |
| 83) Chrysene                   | 21.39 | 228  | 983984   | 38.755 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.24 | 149  | 565672   | 39.996 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 22.14 | 149  | 988515   | 42.053 | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 25.96 | 276  | 1248458  | 41.339 | ng    | # 100    |
| 88) Benzo(b)fluoranthene       | 22.94 | 252  | 1043841  | 36.339 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.99 | 252  | 1073422  | 40.966 | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.53 | 252  | 1037824  | 39.776 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 25.97 | 278  | 1073167  | 39.550 | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 26.67 | 276  | 1037160  | 40.260 | ng    | 99       |

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



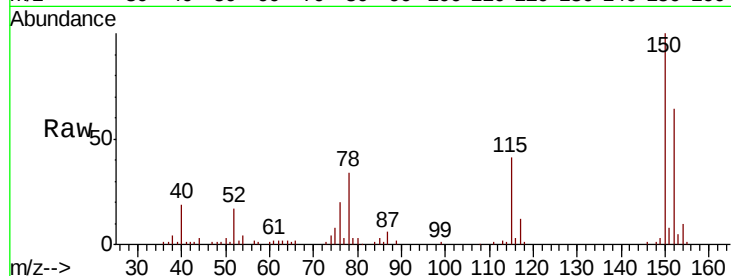


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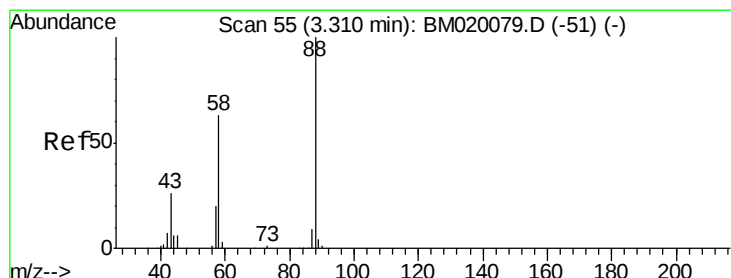
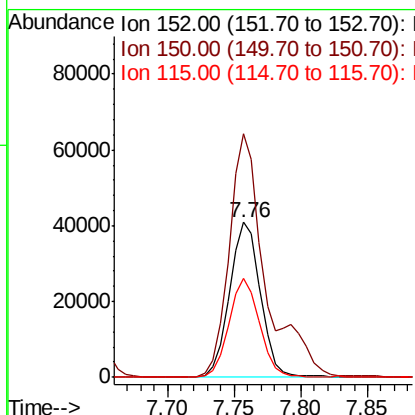
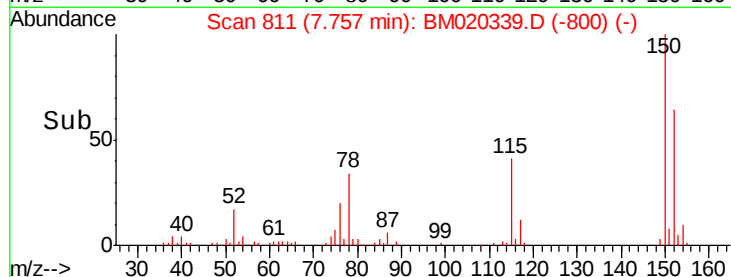
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.76 min Scan# 811  
Delta R.T. -0.04 min  
Lab File: BM020339.D  
Acq: 14 May 2019 19:06

Instrument :  
BNA\_M  
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PB119718BS

Tgt Ion:152 Resp: 66209  
Ion Ratio Lower Upper  
152 100  
150 157.1 119.8 179.8  
115 64.1 50.8 76.2



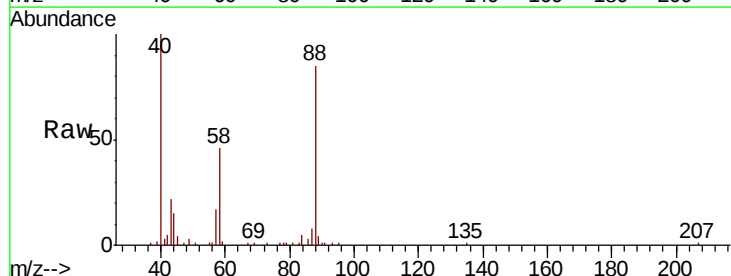
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



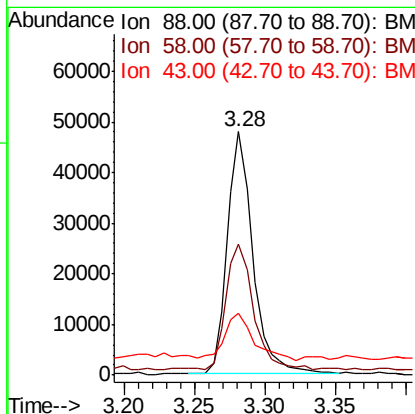
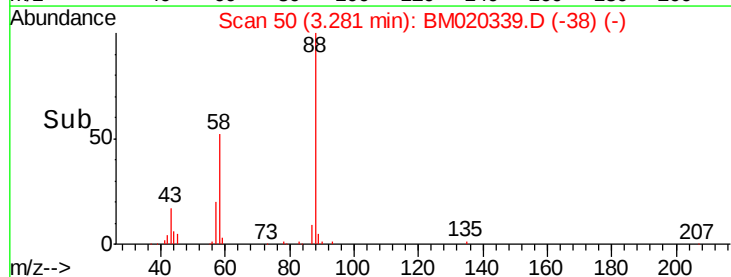
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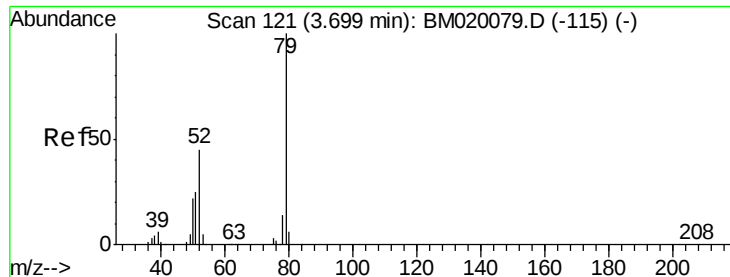
1,4-Dioxane  
Concen: 30.348 ng  
RT: 3.28 min Scan# 50  
Delta R.T. -0.03 min  
Lab File: BM020339.D  
Acq: 14 May 2019 19:06

Tgt Ion: 88 Resp: 60288  
Ion Ratio Lower Upper  
88 100  
58 56.1 51.8 77.6  
43 22.6 20.3 30.5



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

Pyridine

Concen: 32.796 ng

RT: 3.68 min Scan# 118

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA\_M

ClientSampleId :

PB119718BS

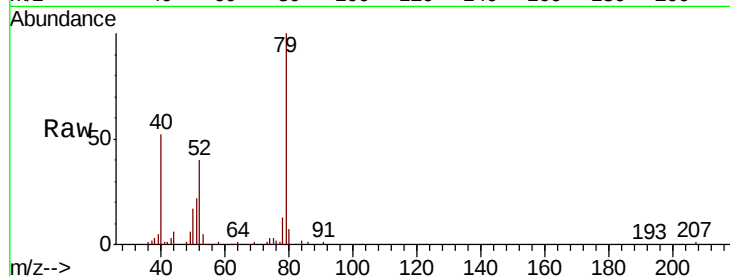
Tgt Ion: 79 Resp: 166626

Ion Ratio Lower Upper

79 100

52 40.3 35.7 53.5

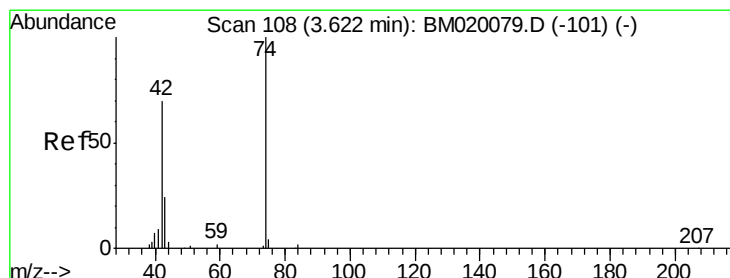
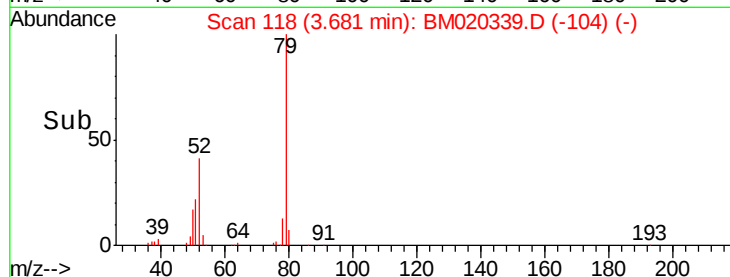
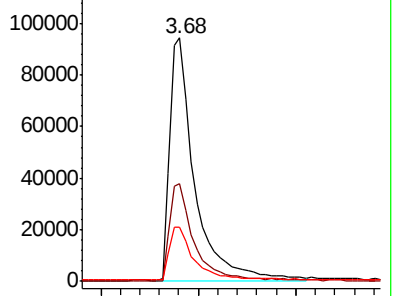
51 22.1 20.8 31.2



Abundance Ion 79.00 (78.70 to 79.70): BM020339.D (-115) (-)

Ion 52.00 (51.70 to 52.70): BM020339.D (-115) (-)

Ion 51.00 (50.70 to 51.70): BM020339.D (-115) (-)



#4

n-Nitrosodimethylamine

Concen: 31.822 ng

RT: 3.60 min Scan# 104

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

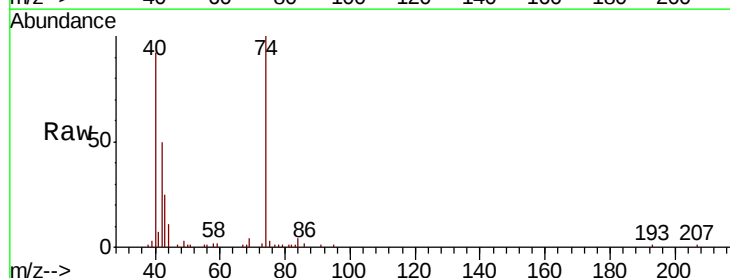
Tgt Ion: 42 Resp: 51845

Ion Ratio Lower Upper

42 100

74 198.4 113.7 170.5#

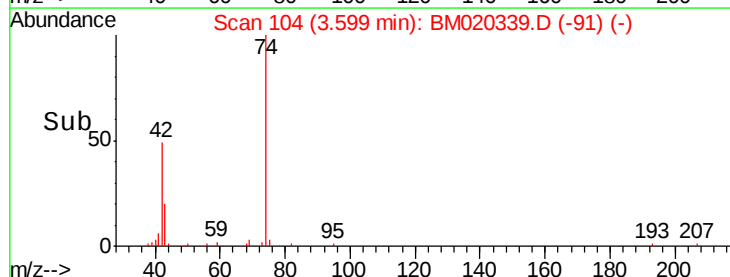
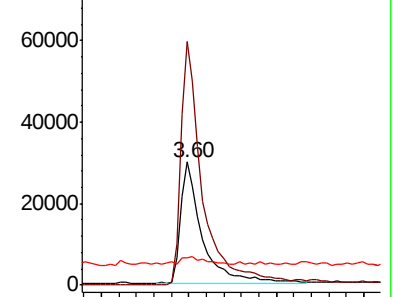
44 22.6 3.9 5.9#



Abundance Ion 42.00 (41.70 to 42.70): BM020339.D (-104) (-)

Ion 74.00 (73.70 to 74.70): BM020339.D (-104) (-)

Ion 44.00 (43.70 to 44.70): BM020339.D (-104) (-)





#5

2-Fluorophenol

Concen: 80.350 ng

RT: 5.35 min Scan# 401

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA\_M

ClientSampleId :

PB119718BS

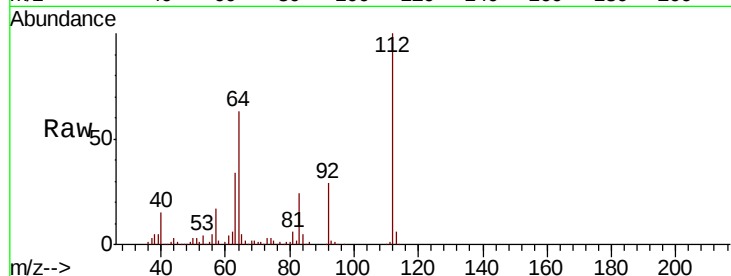
Tgt Ion: 112 Resp: 325457

Ion Ratio Lower Upper

112 100

64 63.0 53.8 80.6

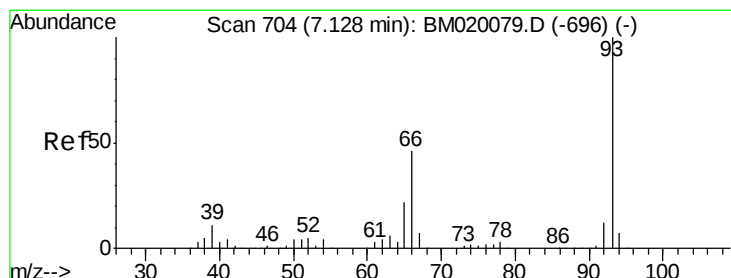
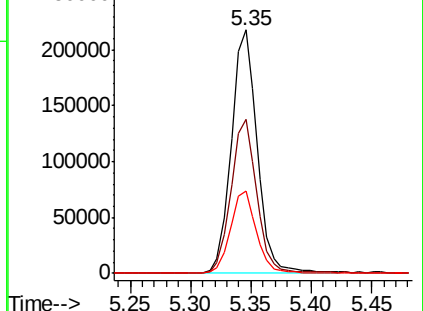
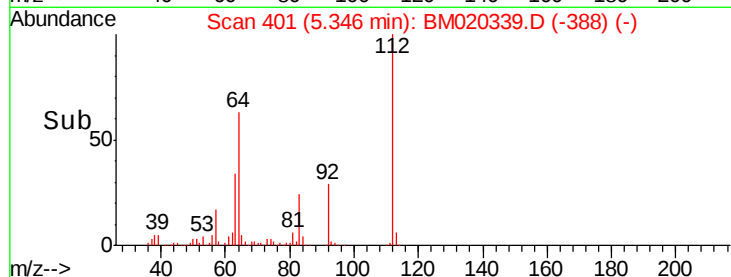
63 34.0 32.3 48.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 17.234 ng

RT: 7.09 min Scan# 698

Delta R.T. -0.04 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

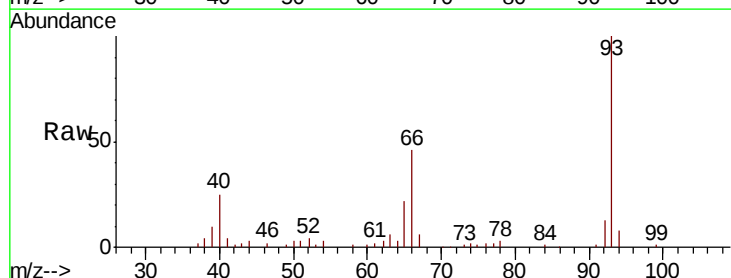
Tgt Ion: 93 Resp: 120046

Ion Ratio Lower Upper

93 100

66 45.8 36.6 54.8

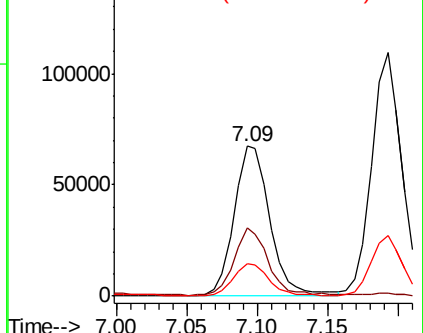
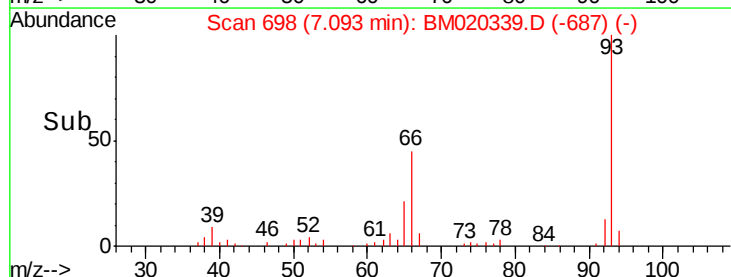
65 22.0 17.8 26.6

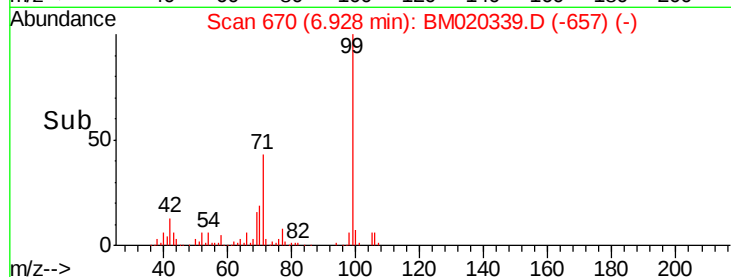
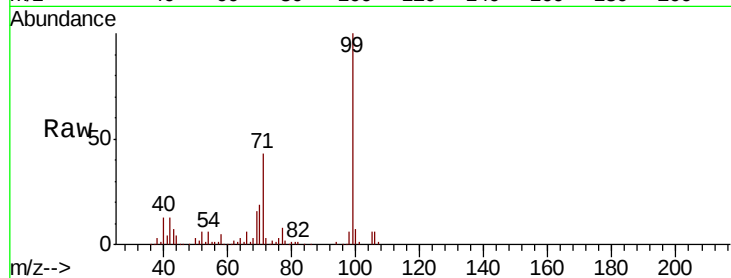
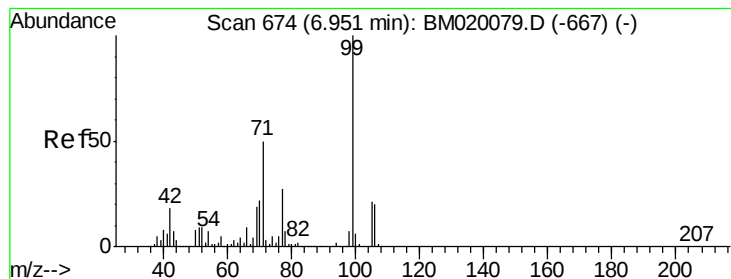


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 74.796 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA\_M

ClientSampleId :

PB119718BS

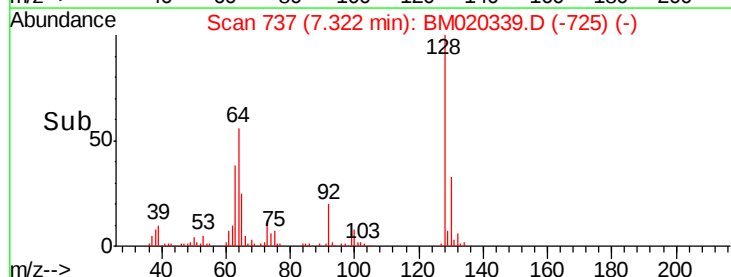
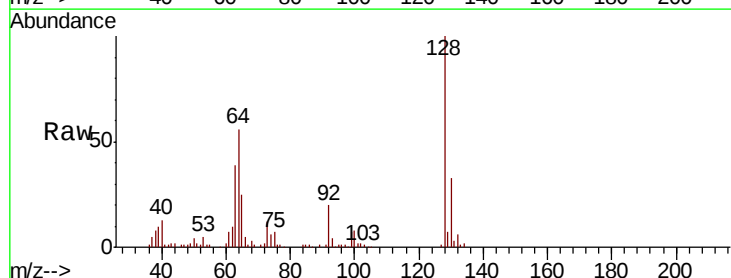
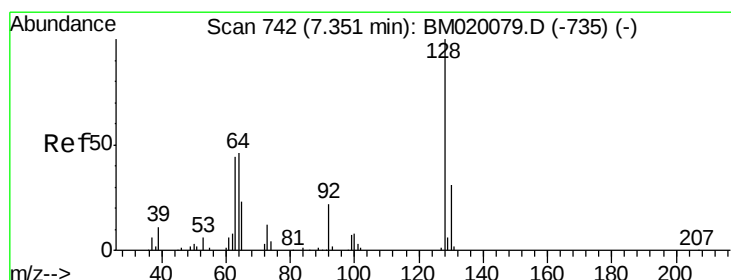
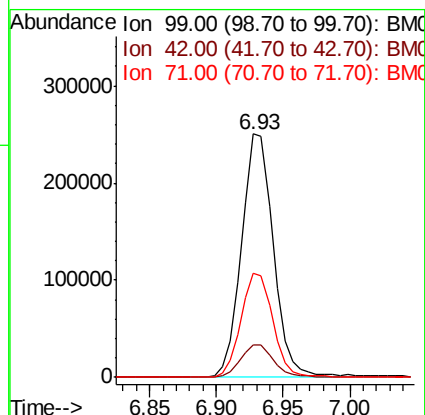
Tgt Ion: 99 Resp: 413884

Ion Ratio Lower Upper

99 100

42 13.5 14.2 21.2#

71 42.9 40.3 60.5



#8

2-Chlorophenol

Concen: 36.972 ng

RT: 7.32 min Scan# 737

Delta R.T. -0.03 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

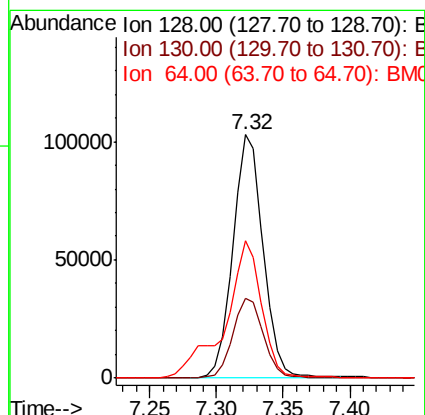
Tgt Ion: 128 Resp: 163060

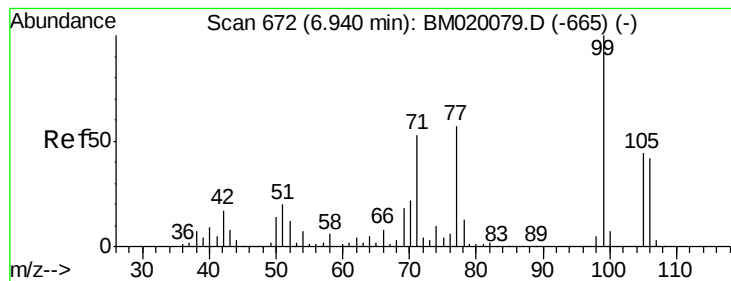
Ion Ratio Lower Upper

128 100

130 33.0 10.8 50.8

64 56.3 36.5 76.5





#9

Benzaldehyde

Concen: 19.643 ng

RT: 6.92 min Scan# 668

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA\_M

ClientSampleId :

PB119718BS

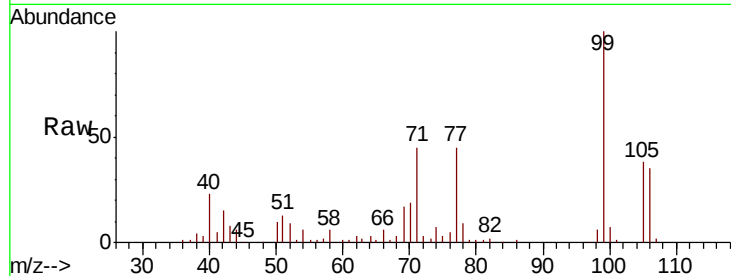
Tgt Ion: 77 Resp: 82268

Ion Ratio Lower Upper

77 100

105 85.0 57.8 97.8

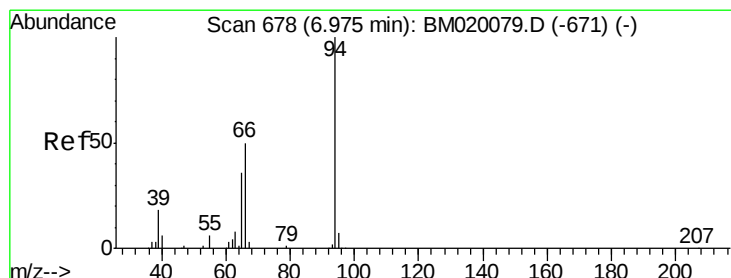
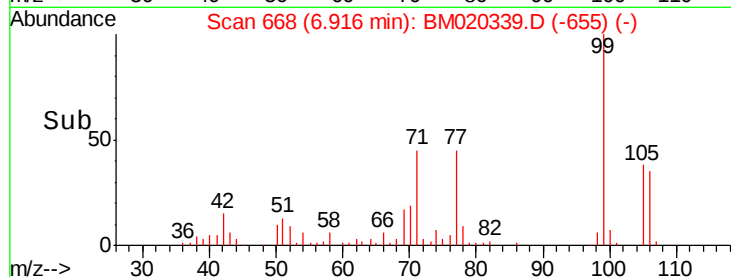
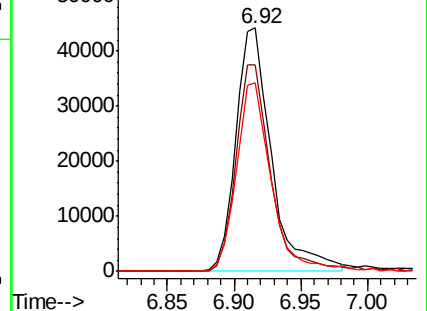
106 77.3 53.6 93.6



Abundance Ion 77.00 (76.70 to 77.70): BM020339.D (-665) (-)

Ion 105.00 (104.70 to 105.70): BM020339.D (-665) (-)

Ion 106.00 (105.70 to 106.70): BM020339.D (-665) (-)



#10

Phenol

Concen: 36.147 ng

RT: 6.96 min Scan# 675

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

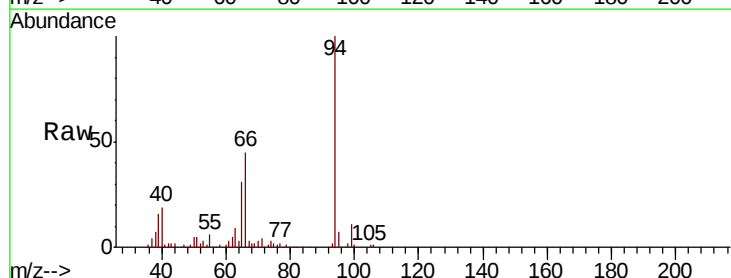
Tgt Ion: 94 Resp: 215330

Ion Ratio Lower Upper

94 100

65 30.6 17.0 57.0

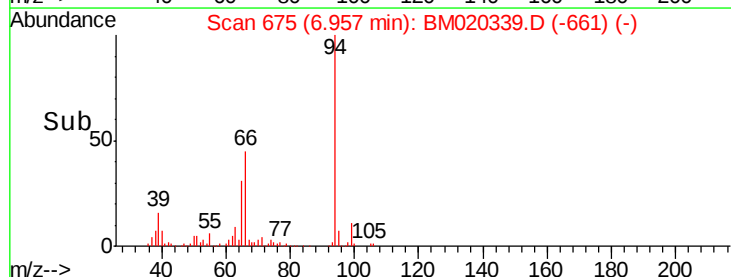
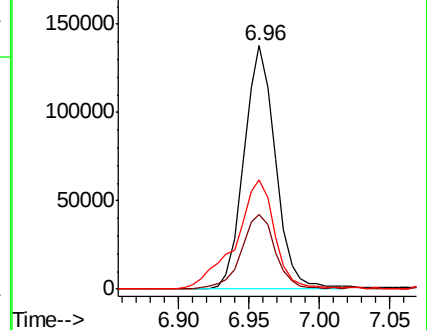
66 44.9 34.5 74.5

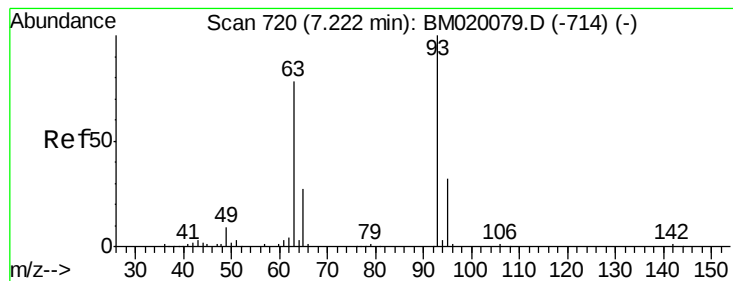


Abundance Ion 94.00 (93.70 to 94.70): BM020339.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM020339.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM020339.D (-661) (-)





#11

bis(2-Chloroethyl)ether

Concen: 37.047 ng

RT: 7.19 min Scan# 715

Delta R.T. -0.03 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA\_M

ClientSampleId :

PB119718BS

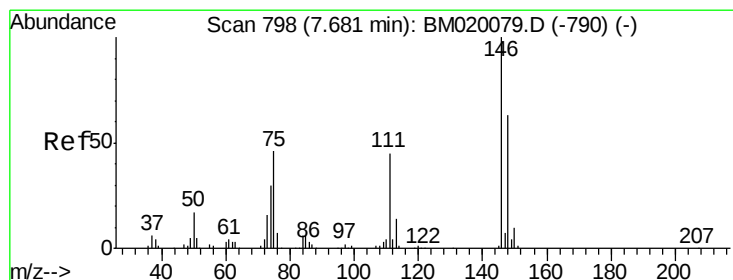
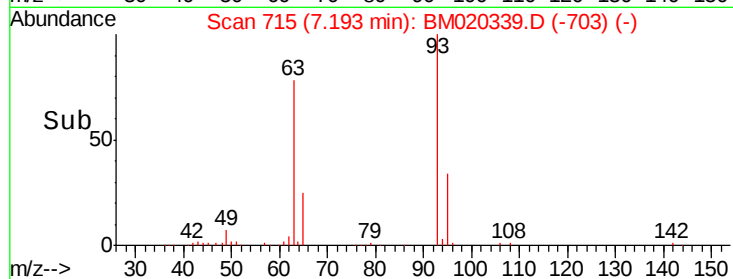
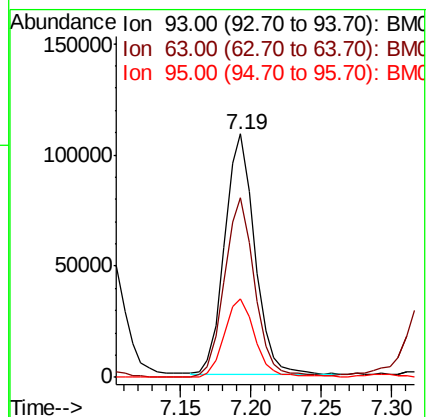
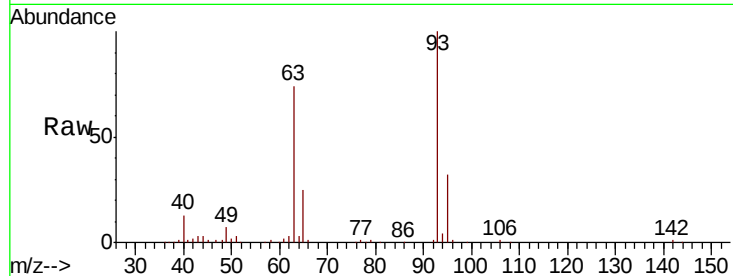
Tgt Ion: 93 Resp: 160400

Ion Ratio Lower Upper

93 100

63 73.5 57.9 97.9

95 32.0 11.3 51.3



#12

1,3-Dichlorobenzene

Concen: 36.142 ng

RT: 7.65 min Scan# 792

Delta R.T. -0.04 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

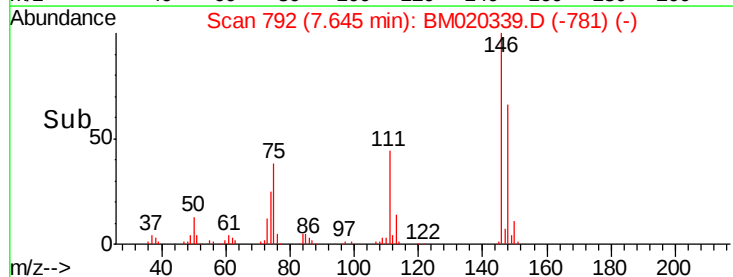
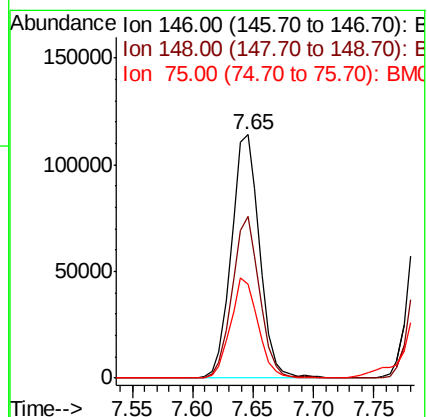
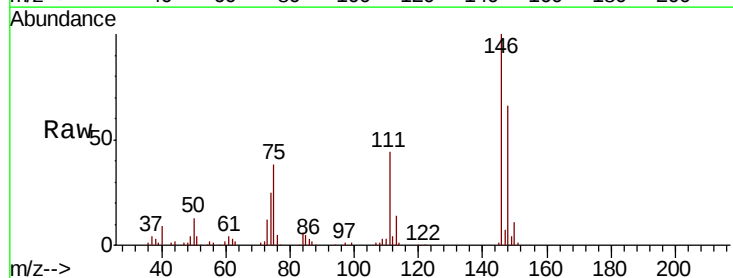
Tgt Ion: 146 Resp: 185460

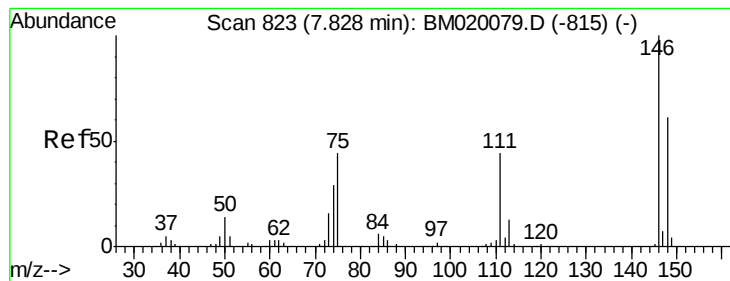
Ion Ratio Lower Upper

146 100

148 66.3 50.1 75.1

75 38.4 37.2 55.8





#13

1,4-Dichlorobenzene

Concen: 36.450 ng

RT: 7.79 min Scan# 817

Delta R.T. -0.04 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA\_M

ClientSampleId :

PB119718BS

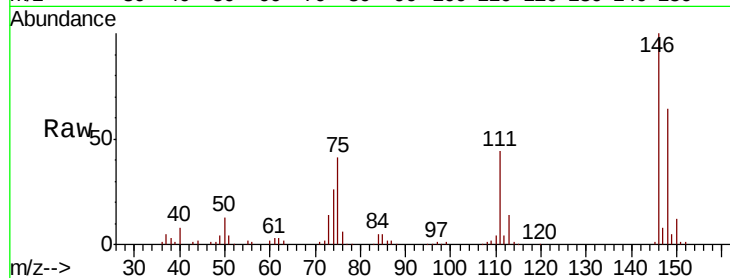
Tgt Ion:146 Resp: 188946

Ion Ratio Lower Upper

146 100

148 64.3 48.5 72.7

111 44.2 35.7 53.5

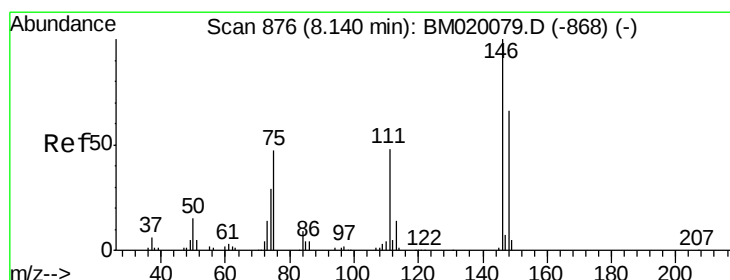
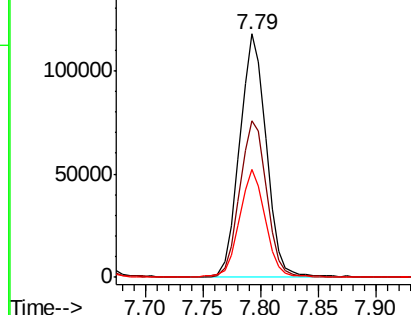
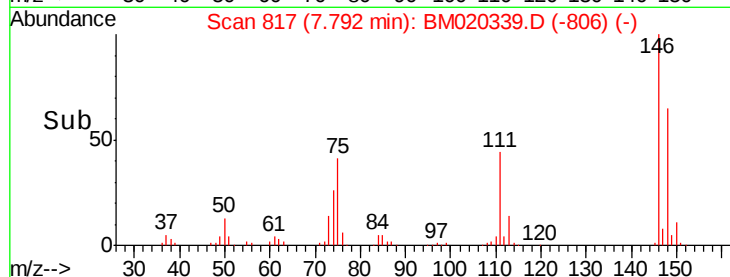


Abundance

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: 36.979 ng

RT: 8.10 min Scan# 870

Delta R.T. -0.04 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

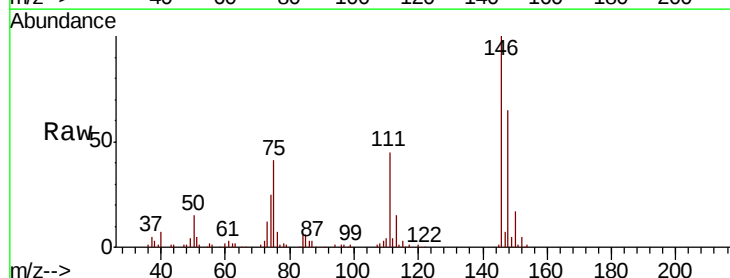
Tgt Ion:146 Resp: 182626

Ion Ratio Lower Upper

146 100

148 64.6 52.6 79.0

111 45.3 39.0 58.4

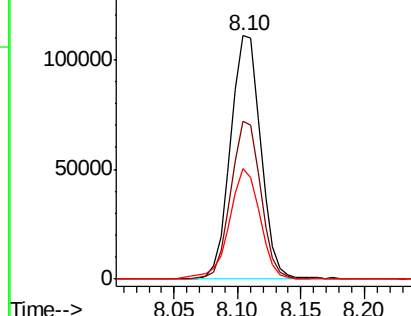
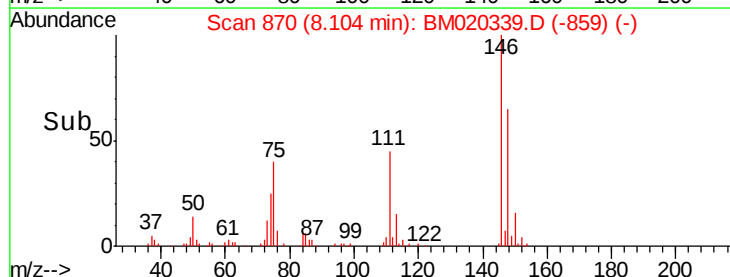


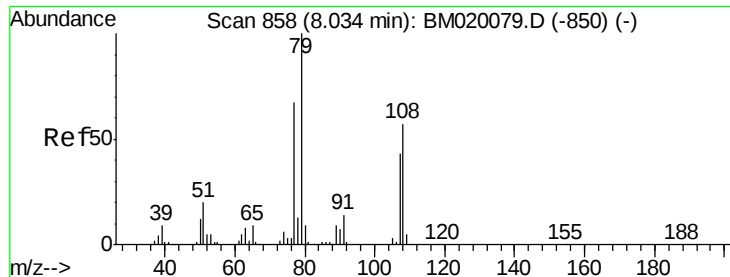
Abundance

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: 29.507 ng

RT: 8.00 min Scan# 853

Delta R.T. -0.03 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA\_M

ClientSampleId :

PB119718BS

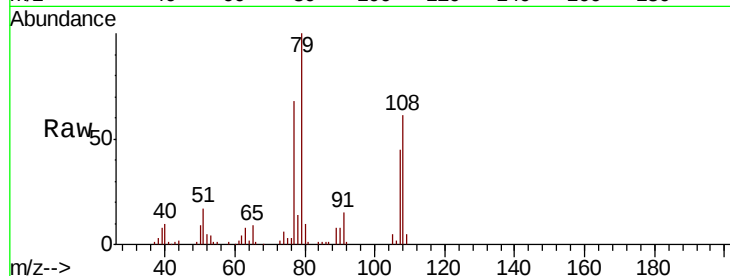
Tgt Ion: 79 Resp: 157441

Ion Ratio Lower Upper

79 100

108 61.2 46.0 69.0

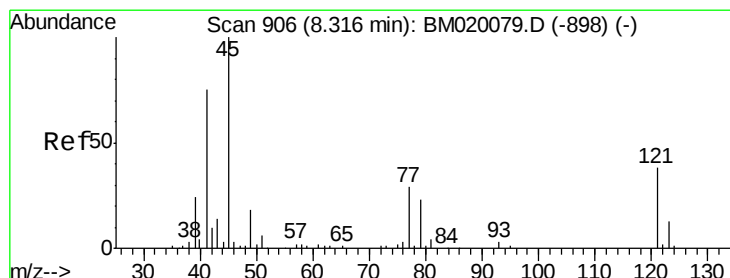
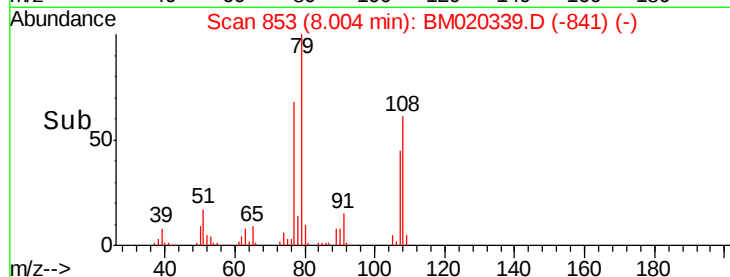
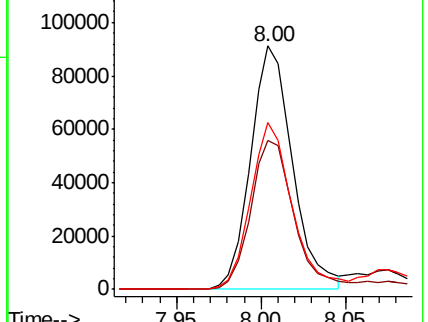
77 68.4 53.8 80.6



Abundance Ion 79.00 (78.70 to 79.70): BM020339.D (-841) (-)

Ion 108.00 (107.70 to 108.70): BM020339.D (-841) (-)

Ion 77.00 (76.70 to 77.70): BM020339.D (-841) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.672 ng

RT: 8.29 min Scan# 901

Delta R.T. -0.03 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

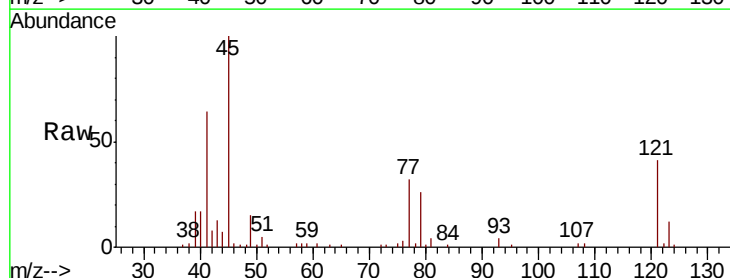
Tgt Ion: 45 Resp: 124478

Ion Ratio Lower Upper

45 100

77 32.5 10.5 50.5

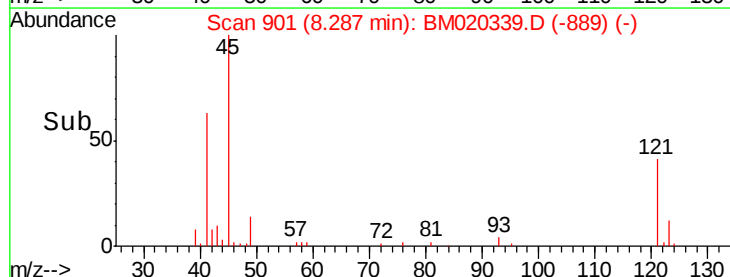
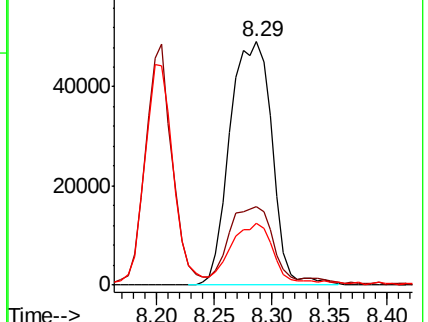
79 25.6 3.3 43.3

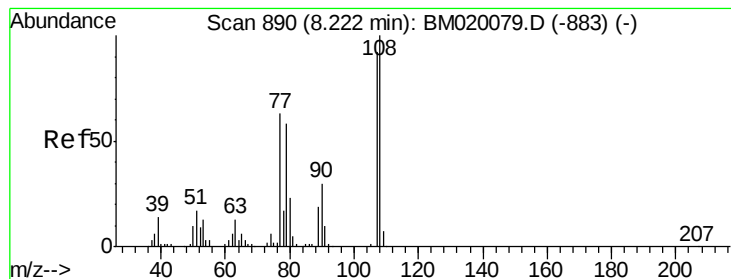


Abundance Ion 45.00 (44.70 to 45.70): BM020339.D (-889) (-)

Ion 77.00 (76.70 to 77.70): BM020339.D (-889) (-)

Ion 79.00 (78.70 to 79.70): BM020339.D (-889) (-)





#17

2-Methylphenol

Concen: 36.359 ng

RT: 8.20 min Scan# 887

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA\_M

ClientSampleId :

PB119718BS

Tgt Ion:107 Resp: 139429

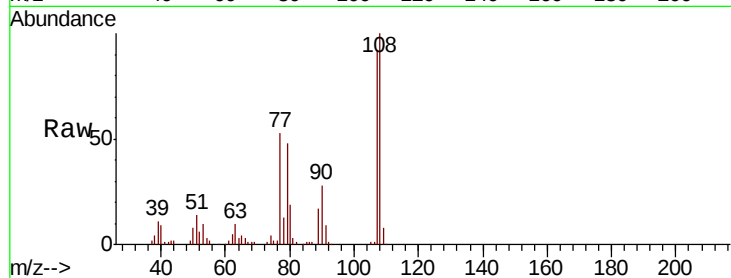
Ion Ratio Lower Upper

107 100

108 109.0 87.0 130.4

77 57.9 54.7 82.1

79 52.7 50.1 75.1



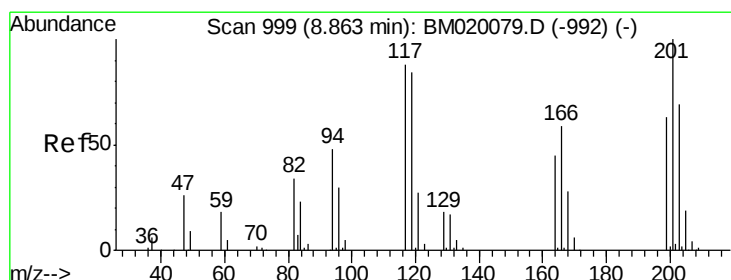
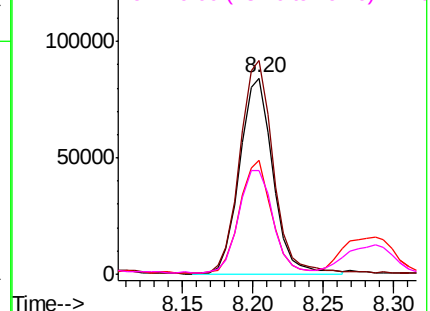
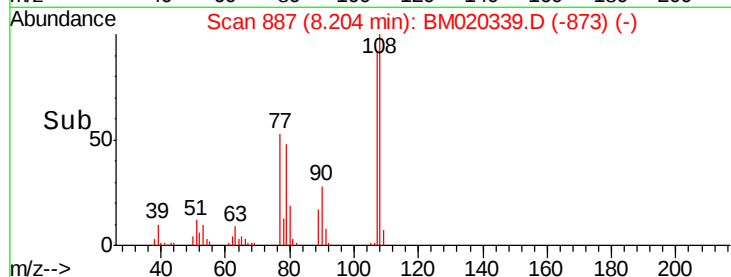
Abundance

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: 32.266 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.04 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

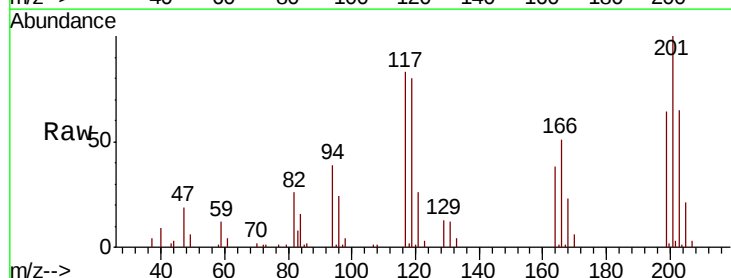
Tgt Ion:117 Resp: 69741

Ion Ratio Lower Upper

117 100

119 95.9 76.6 114.8

201 120.2 90.7 136.1

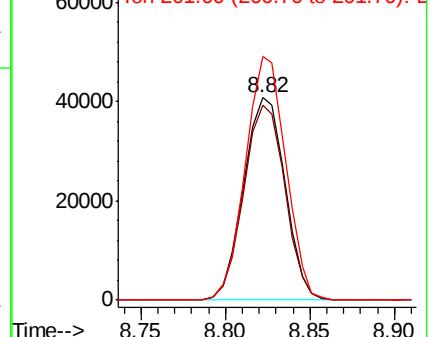
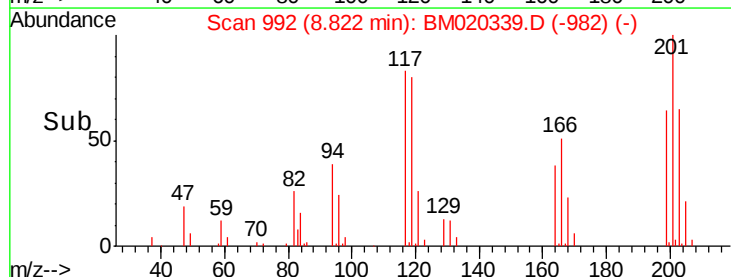


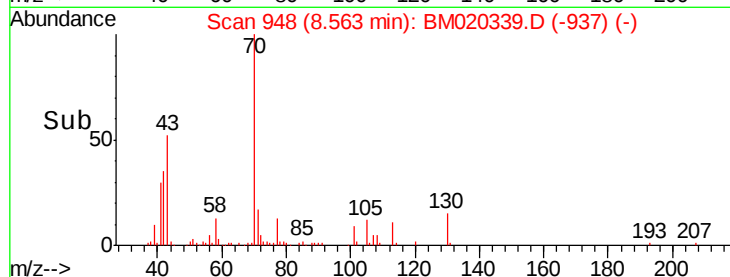
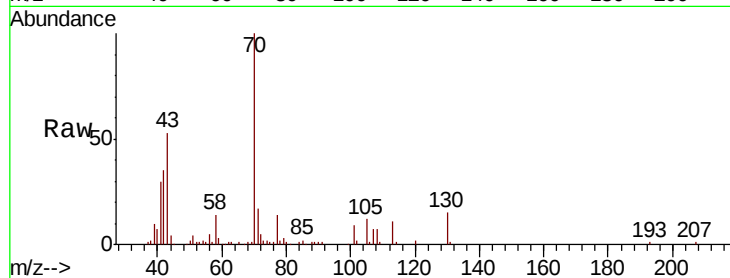
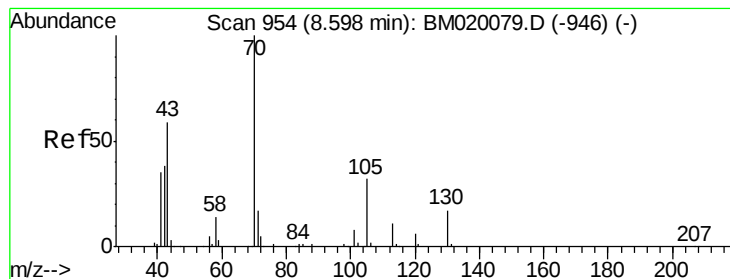
Abundance

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: 31.375 ng

RT: 8.56 min Scan# 948

Delta R.T. -0.04 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA\_M

ClientSampleId :

PB119718BS

Tgt Ion: 70 Resp: 148538

Ion Ratio Lower Upper

70 100

42 34.5 31.0 46.4

101 8.8 6.2 9.2

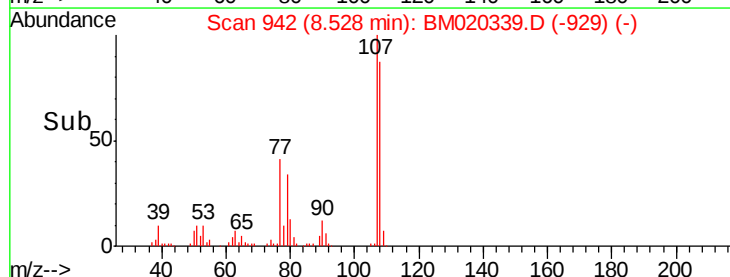
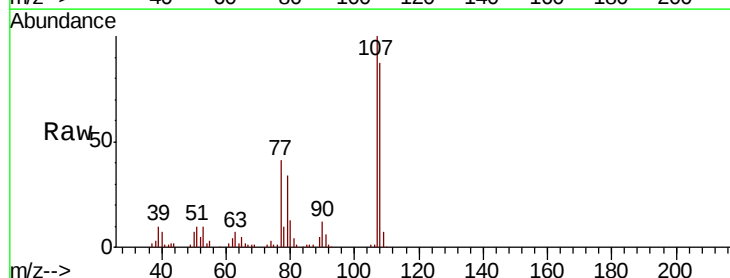
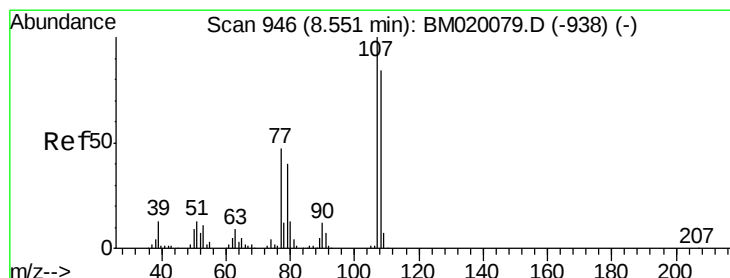
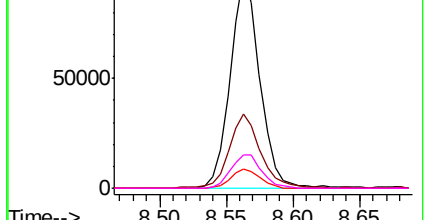
130 15.4 13.5 20.3

Abundance Ion 70.00 (69.70 to 70.70): BM020079.D (-946) (-)

Ion 42.00 (41.70 to 42.70): BM020079.D (-946) (-)

Ion 101.00 (100.70 to 101.70): BM020079.D (-946) (-)

Ion 130.00 (129.70 to 130.70): BM020079.D (-946) (-)



#20

3+4-Methylphenols

Concen: 34.627 ng

RT: 8.53 min Scan# 942

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Tgt Ion: 107 Resp: 176480

Ion Ratio Lower Upper

107 100

108 86.5 64.4 104.4

77 41.3 27.2 67.2

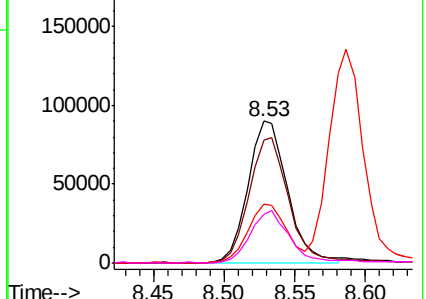
79 34.4 19.6 59.6

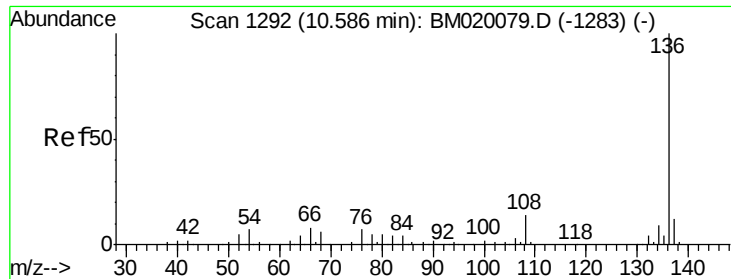
Abundance Ion 107.00 (106.70 to 107.70): BM020079.D (-938) (-)

Ion 108.00 (107.70 to 108.70): BM020079.D (-938) (-)

Ion 77.00 (76.70 to 77.70): BM020079.D (-938) (-)

Ion 79.00 (78.70 to 79.70): BM020079.D (-938) (-)

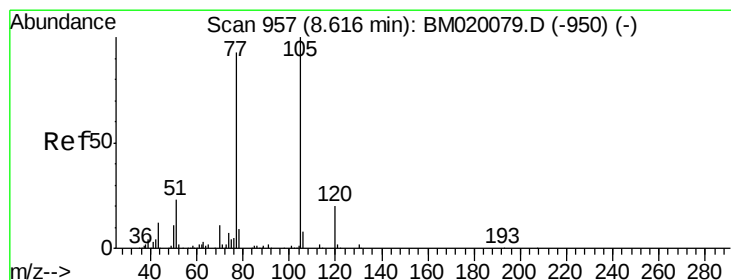
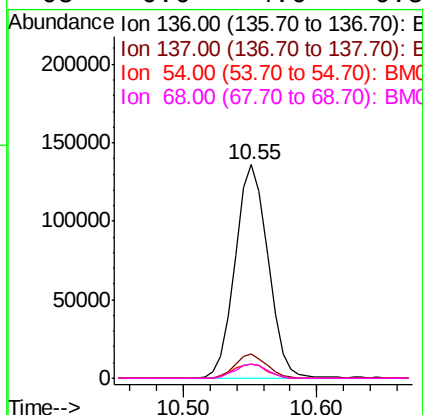
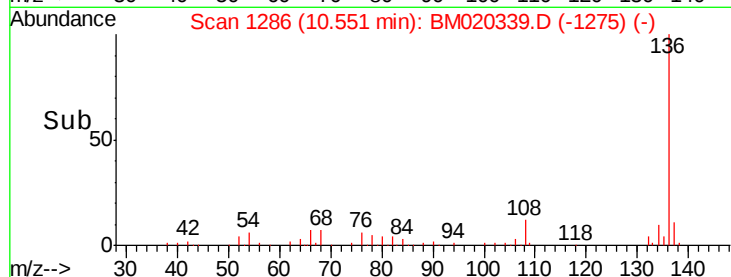
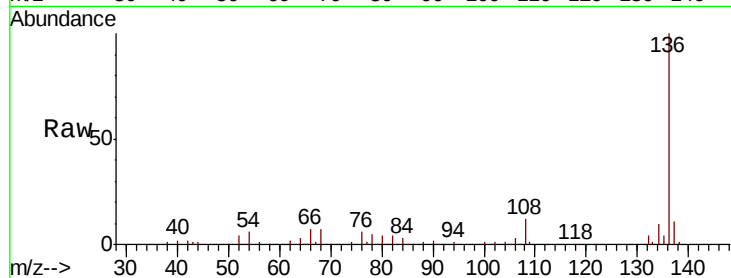




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.55 min Scan# 1286  
Delta R.T. -0.04 min  
Lab File: BM020339.D  
Acq: 14 May 2019 19:06

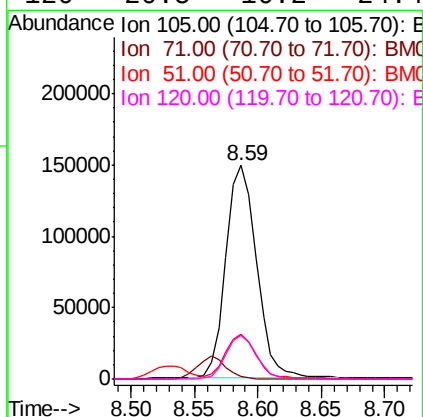
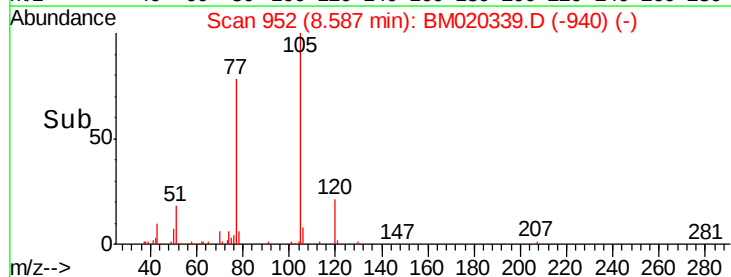
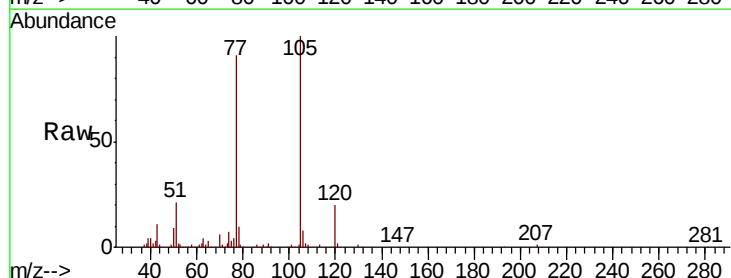
Instrument :  
BNA\_M  
ClientSampleId :  
PB119718BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 233141 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.3  | 9.6   | 14.4   |
| 54       | 6.5   | 5.5   | 8.3    |
| 68       | 6.6   | 4.6   | 6.8    |



#22  
Acetophenone  
Concen: 39.604 ng  
RT: 8.59 min Scan# 952  
Delta R.T. -0.03 min  
Lab File: BM020339.D  
Acq: 14 May 2019 19:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 252345 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 1.1   | 2.2   | 3.2#   |
| 51       | 21.2  | 19.3  | 28.9   |
| 120      | 20.5  | 16.2  | 24.4   |

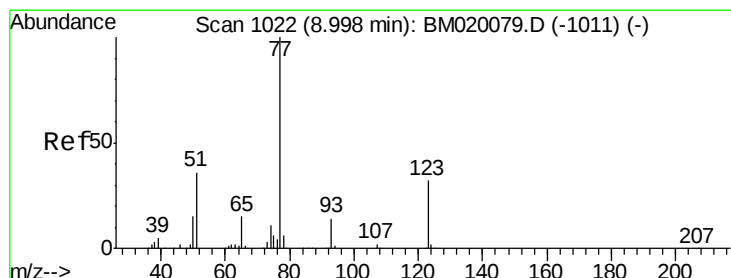
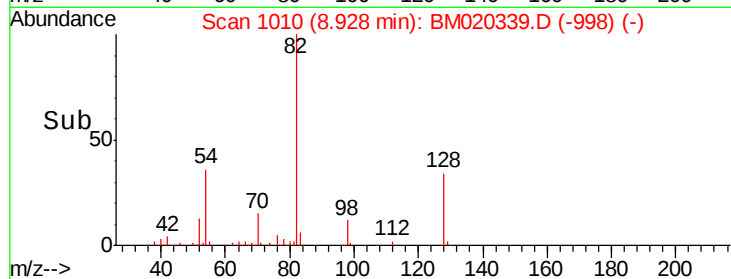
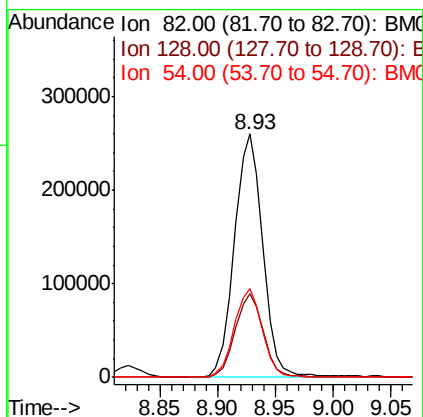
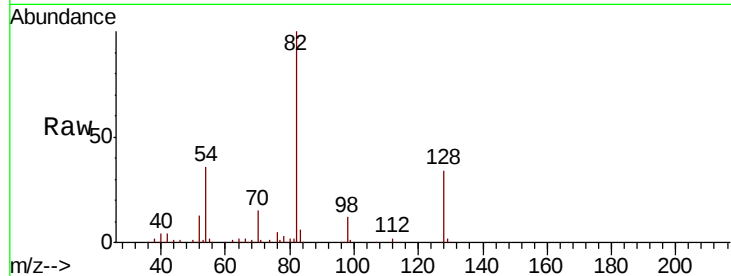




#23  
 Nitrobenzene-d5  
 Concen: 74.966 ng  
 RT: 8.93 min Scan# 1010  
 Delta R.T. -0.03 min  
 Lab File: BM020339.D  
 Acq: 14 May 2019 19:06

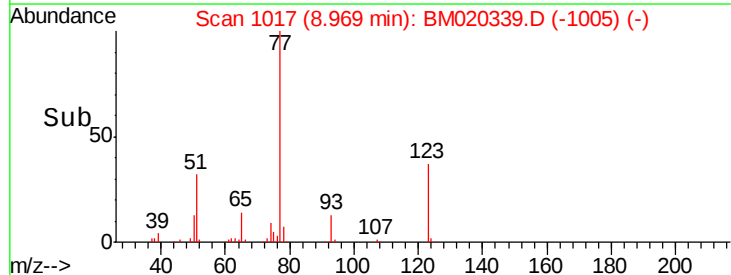
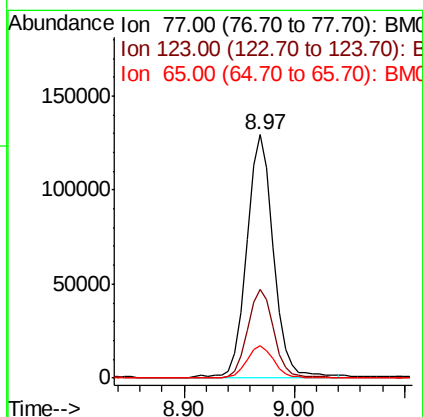
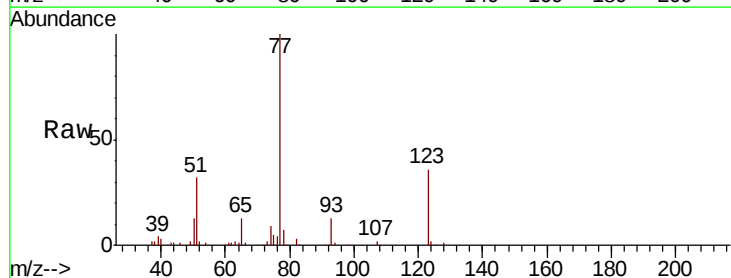
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB119718BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 34.4  | 25.2  | 37.8  |
| 54      | 36.3  | 31.9  | 47.9  |



#24  
 Nitrobenzene  
 Concen: 35.683 ng  
 RT: 8.97 min Scan# 1017  
 Delta R.T. -0.03 min  
 Lab File: BM020339.D  
 Acq: 14 May 2019 19:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 36.4  | 25.5  | 38.3  |
| 65      | 13.5  | 11.8  | 17.6  |

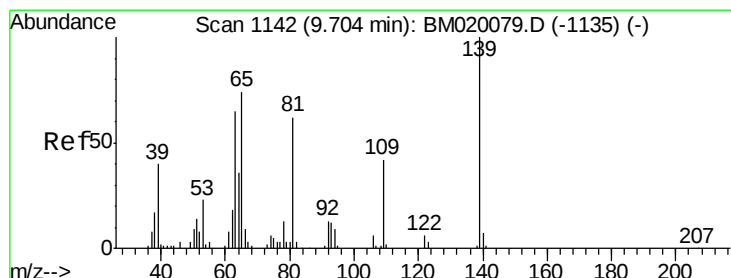
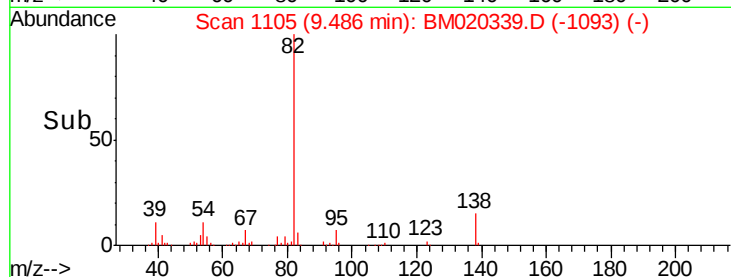
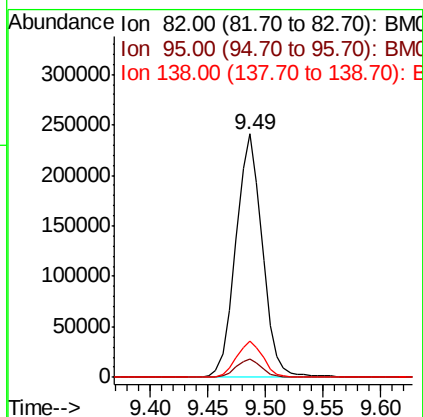
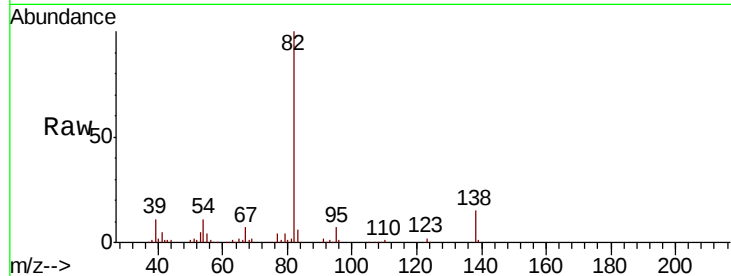




#25  
Isophorone  
Concen: 37.722 ng  
RT: 9.49 min Scan# 1105  
Delta R.T. -0.03 min  
Lab File: BM020339.D  
Acq: 14 May 2019 19:06

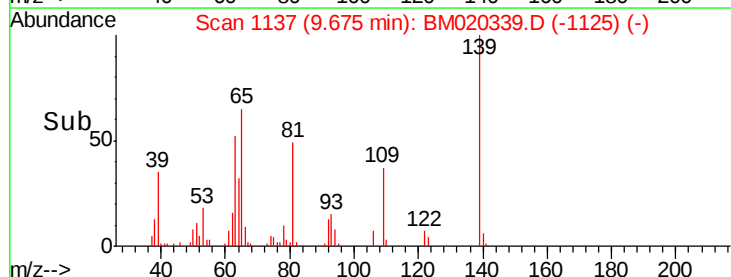
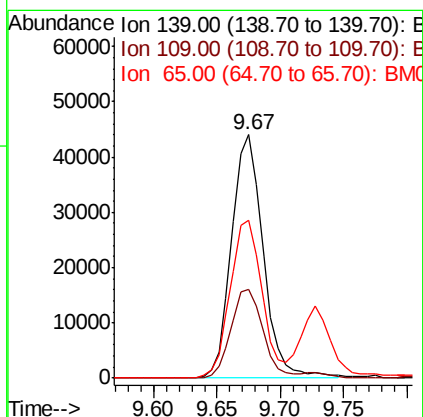
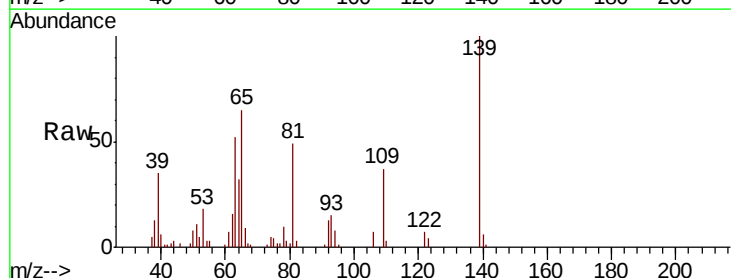
Instrument :  
BNA\_M  
ClientSampleId :  
PB119718BS

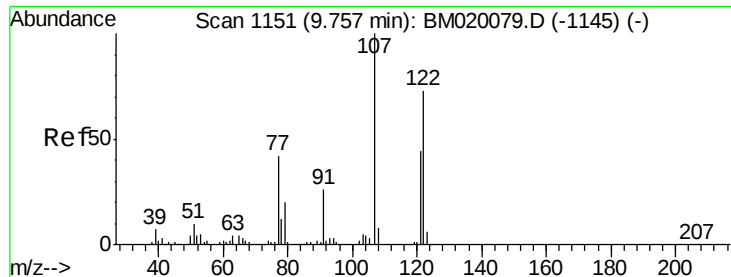
Tgt Ion: 82 Resp: 384142  
Ion Ratio Lower Upper  
82 100  
95 7.3 6.4 9.6  
138 14.7 11.1 16.7



#26  
2-Nitrophenol  
Concen: 41.233 ng  
RT: 9.67 min Scan# 1137  
Delta R.T. -0.03 min  
Lab File: BM020339.D  
Acq: 14 May 2019 19:06

Tgt Ion: 139 Resp: 76218  
Ion Ratio Lower Upper  
139 100  
109 36.6 33.7 50.5  
65 65.1 59.5 89.3

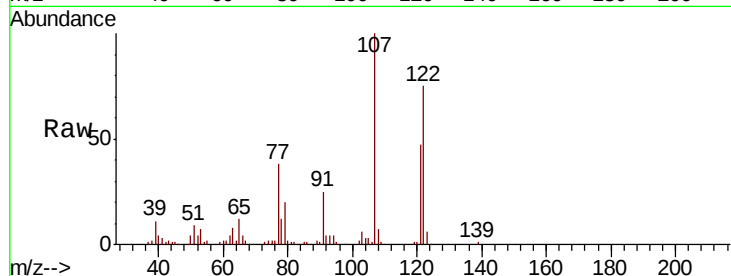




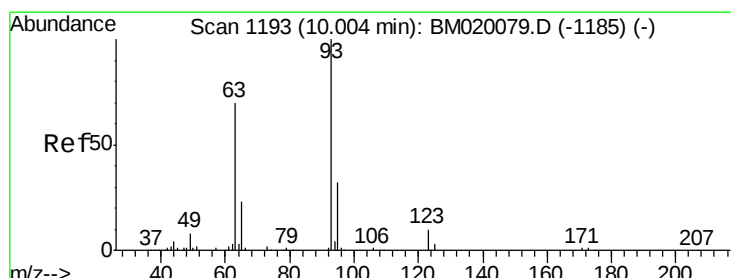
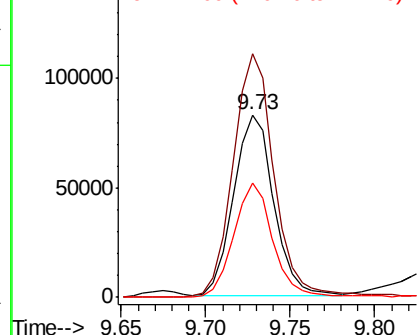
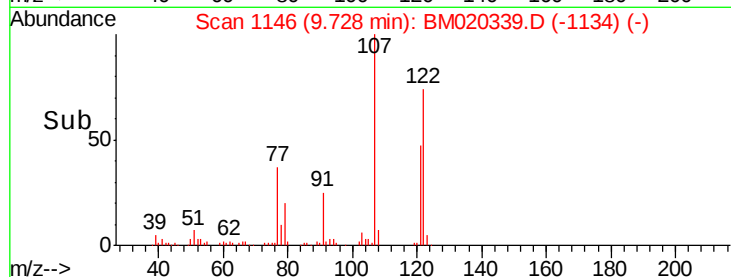
#27  
 2,4-Dimethylphenol  
 Concen: 44.371 ng  
 RT: 9.73 min Scan# 1146  
 Delta R.T. -0.03 min  
 Lab File: BM020339.D  
 Acq: 14 May 2019 19:06

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB119718BS

Tgt Ion:122 Resp: 136548  
 Ion Ratio Lower Upper  
 122 100  
 107 133.5 108.6 162.8  
 121 62.5 47.4 71.2

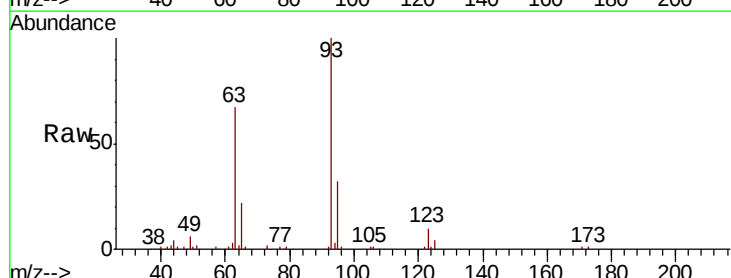


Abundance Ion 122.00 (121.70 to 122.70): E  
 150000 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

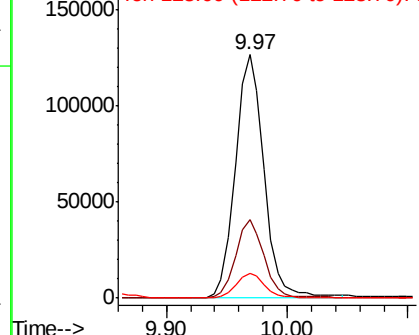
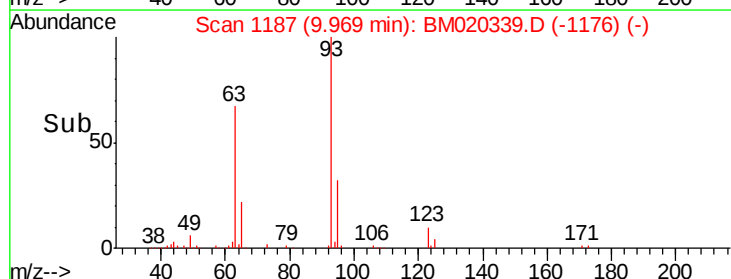


#28  
 bis(2-Chloroethoxy)methane  
 Concen: 37.686 ng  
 RT: 9.97 min Scan# 1187  
 Delta R.T. -0.04 min  
 Lab File: BM020339.D  
 Acq: 14 May 2019 19:06

Tgt Ion: 93 Resp: 209018  
 Ion Ratio Lower Upper  
 93 100  
 95 32.3 25.5 38.3  
 123 10.4 7.6 11.4



Abundance Ion 93.00 (92.70 to 93.70): BM0  
 150000 Ion 95.00 (94.70 to 95.70): BM0  
 Ion 123.00 (122.70 to 123.70): E

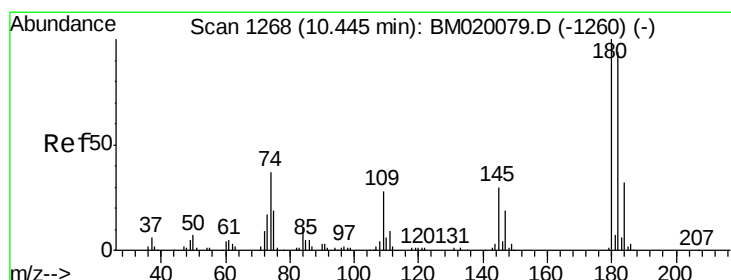
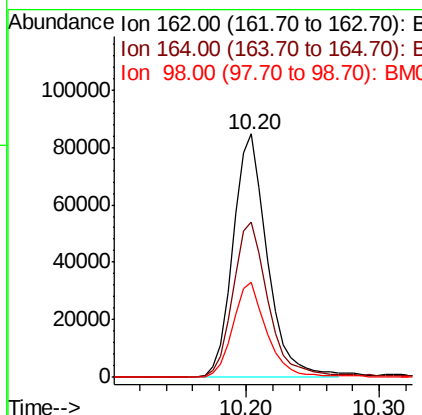
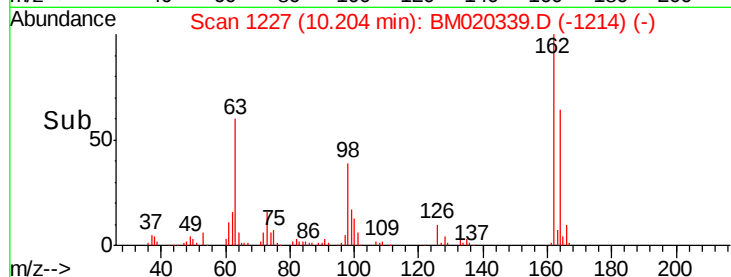
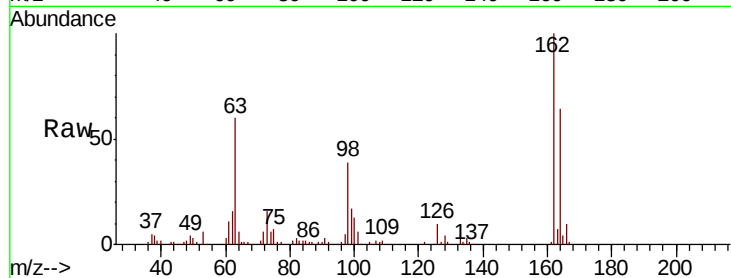




#29  
2,4-Dichlorophenol  
Concen: 38.840 ng  
RT: 10.20 min Scan# 1227  
Delta R.T. -0.02 min  
Lab File: BM020339.D  
Acq: 14 May 2019 19:06

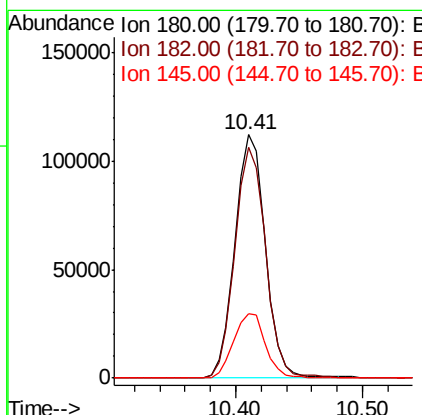
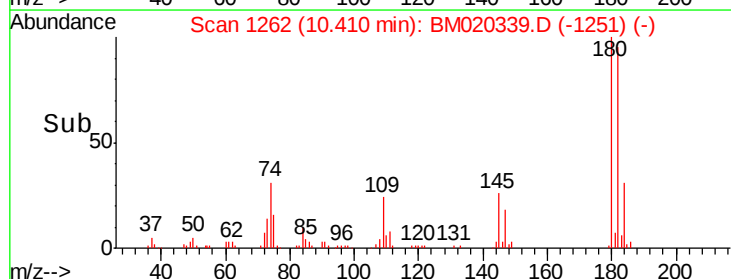
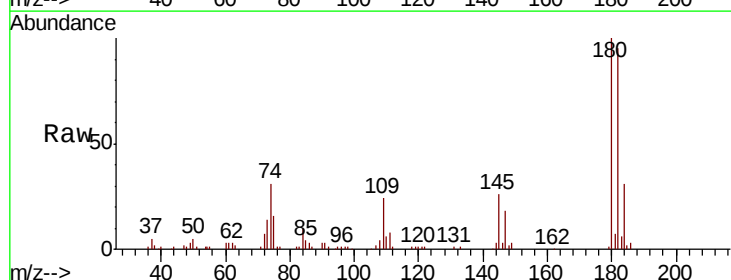
Instrument :  
BNA\_M  
ClientSampleId :  
PB119718BS

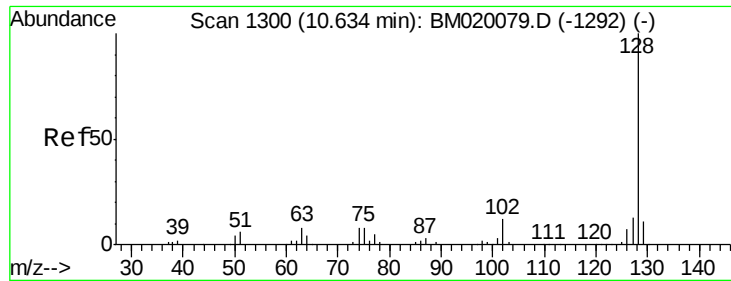
Tgt Ion:162 Resp: 150721  
Ion Ratio Lower Upper  
162 100  
164 63.8 45.6 85.6  
98 39.3 20.4 60.4



#30  
1,2,4-Trichlorobenzene  
Concen: 39.133 ng  
RT: 10.41 min Scan# 1262  
Delta R.T. -0.04 min  
Lab File: BM020339.D  
Acq: 14 May 2019 19:06

Tgt Ion:180 Resp: 186852  
Ion Ratio Lower Upper  
180 100  
182 95.1 75.4 113.0  
145 26.2 23.8 35.8

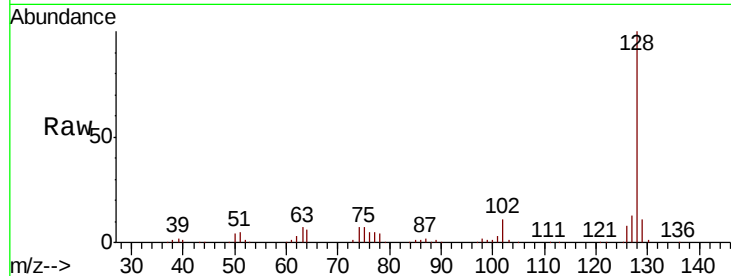




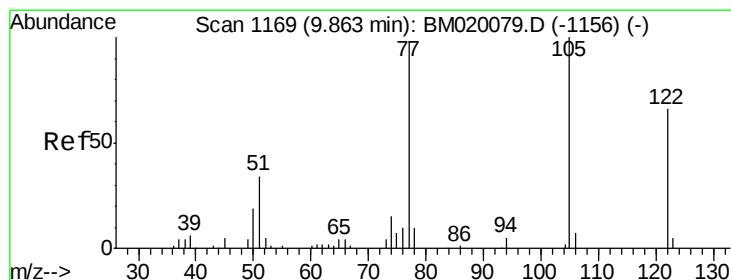
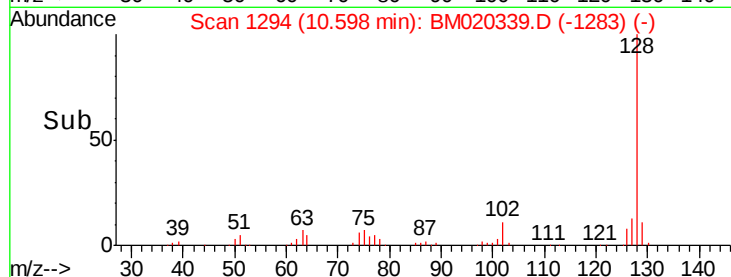
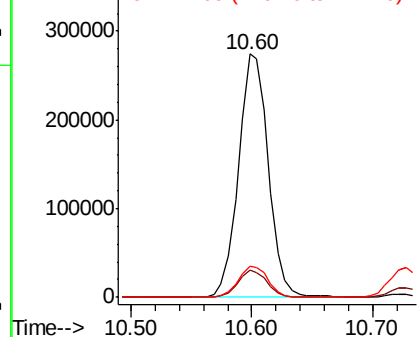
#31  
Naphthalene  
Concen: 39.068 ng  
RT: 10.60 min Scan# 1294  
Delta R.T. -0.04 min  
Lab File: BM020339.D  
Acq: 14 May 2019 19:06

Instrument :  
BNA\_M  
ClientSampleId :  
PB119718BS

Tgt Ion:128 Resp: 472664  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.0 13.4  
127 12.8 10.4 15.6

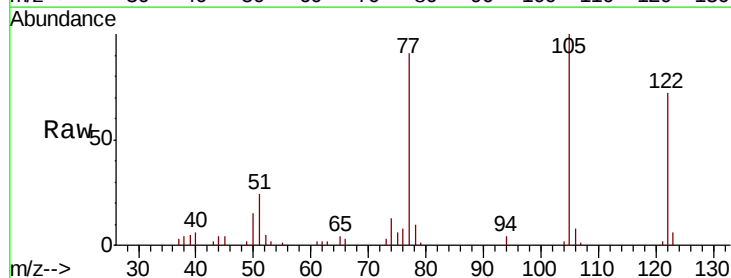


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

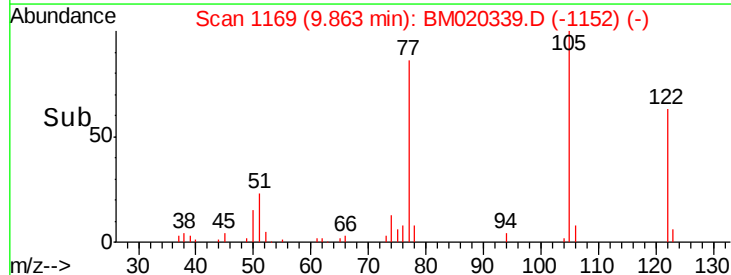
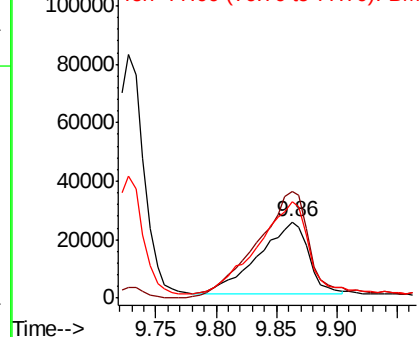


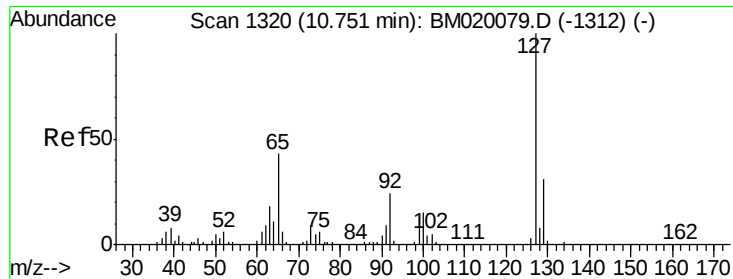
#32  
Benzoic acid  
Concen: 34.530 ng  
RT: 9.86 min Scan# 1169  
Delta R.T. 0.00 min  
Lab File: BM020339.D  
Acq: 14 May 2019 19:06

Tgt Ion:122 Resp: 70897  
Ion Ratio Lower Upper  
122 100  
105 139.4 122.5 162.5  
77 127.0 123.3 163.3



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): BM

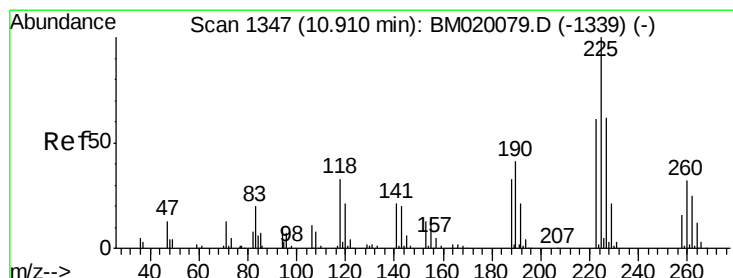
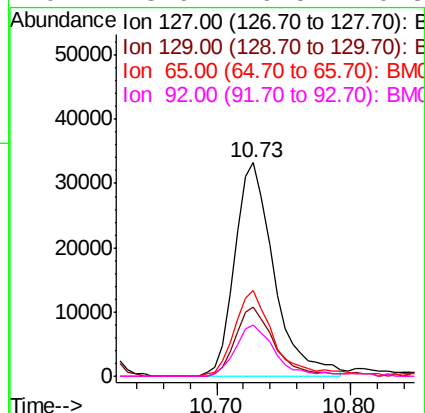
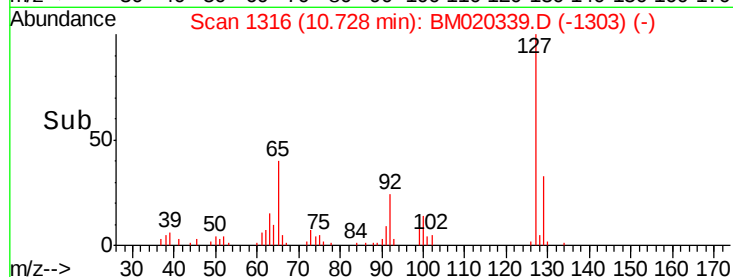
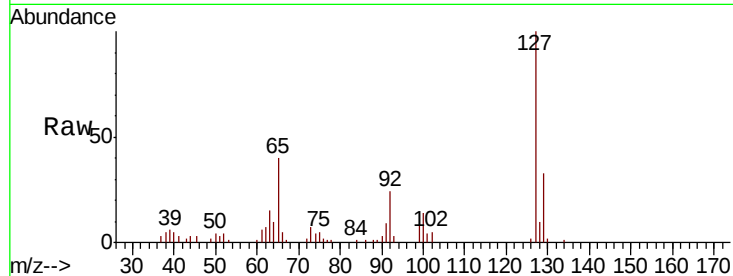




#33  
4-Chloroaniline  
Concen: 13.684 ng  
RT: 10.73 min Scan# 1316  
Delta R.T. -0.02 min  
Lab File: BM020339.D  
Acq: 14 May 2019 19:06

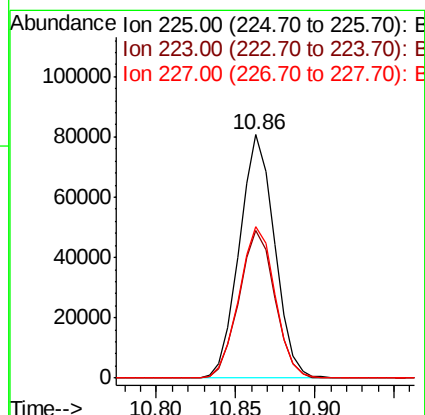
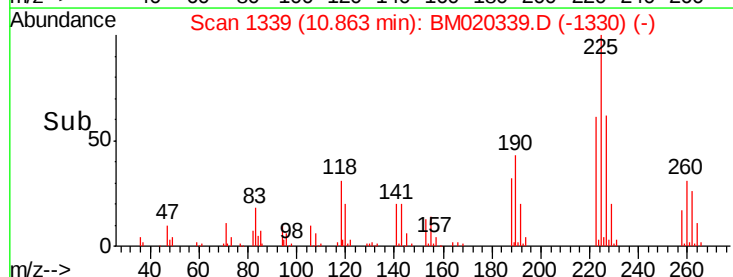
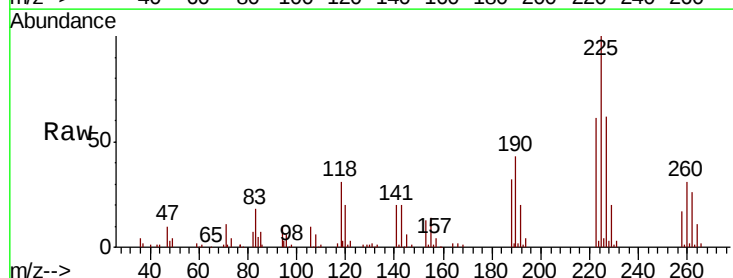
Instrument :  
BNA\_M  
ClientSampleId :  
PB119718BS

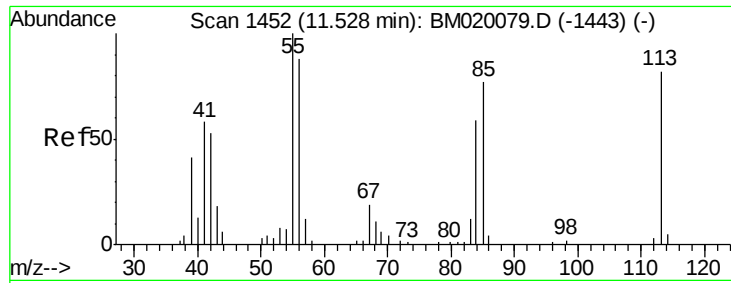
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 68141 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.6  | 24.7  | 37.1  |
| 65       | 40.2  | 34.6  | 52.0  |
| 92       | 23.9  | 19.5  | 29.3  |



#34  
Hexachlorobutadiene  
Concen: 36.814 ng  
RT: 10.86 min Scan# 1339  
Delta R.T. -0.05 min  
Lab File: BM020339.D  
Acq: 14 May 2019 19:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 124349 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 60.7  | 48.9  | 73.3   |
| 227      | 62.3  | 49.6  | 74.4   |





#35

Caprolactam

Concen: 27.752 ng

RT: 11.53 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA\_M

ClientSampleId :

PB119718BS

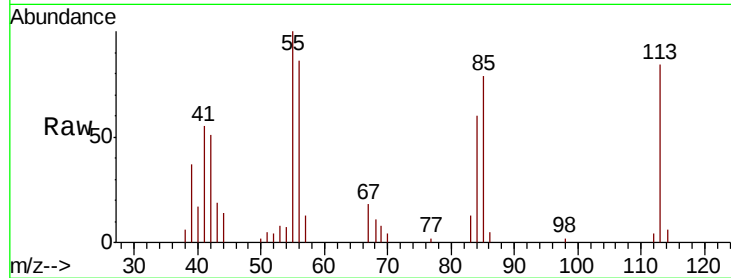
Tgt Ion:113 Resp: 32202

Ion Ratio Lower Upper

113 100

55 118.4 102.5 142.5

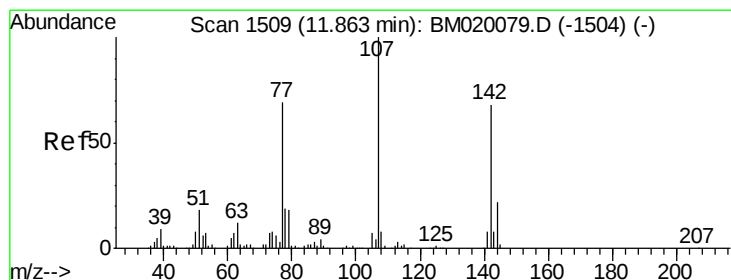
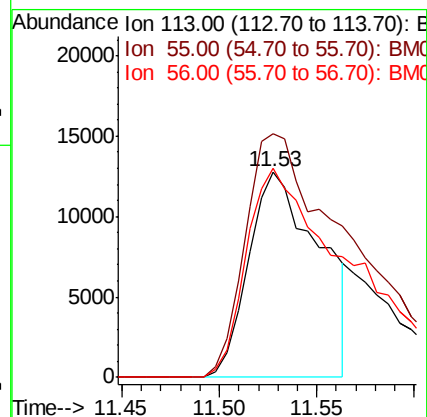
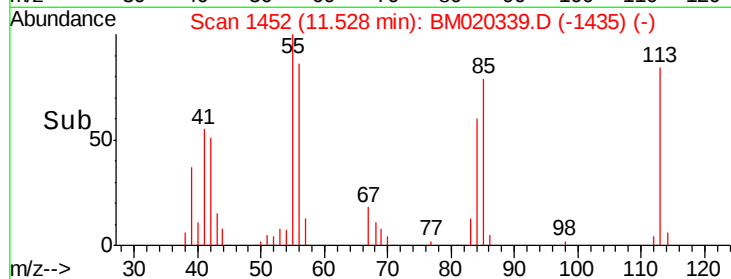
56 101.6 87.7 127.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 36.580 ng

RT: 11.85 min Scan# 1506

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

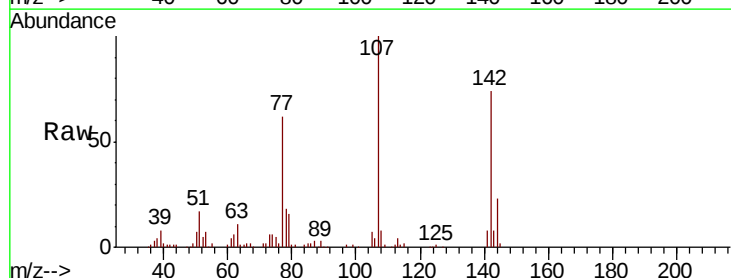
Tgt Ion:107 Resp: 166812

Ion Ratio Lower Upper

107 100

144 22.6 17.6 26.4

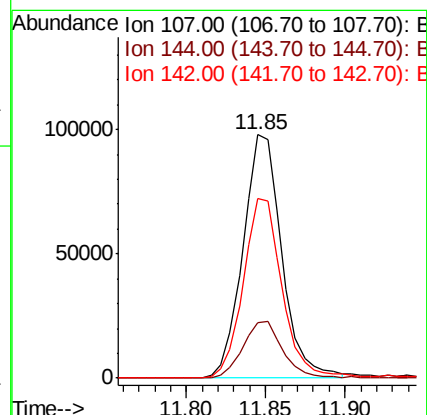
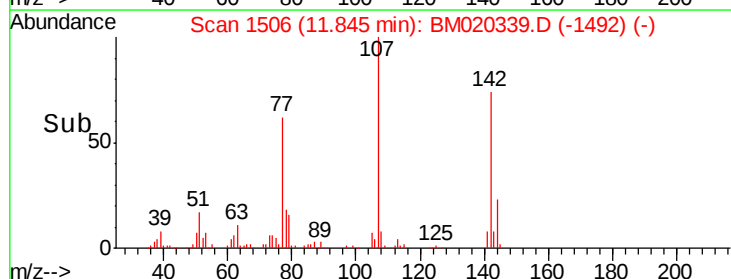
142 73.9 54.6 82.0

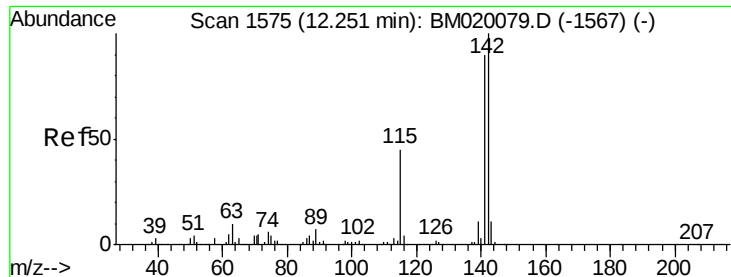


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

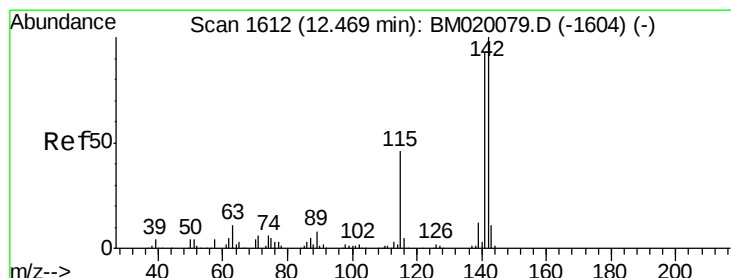
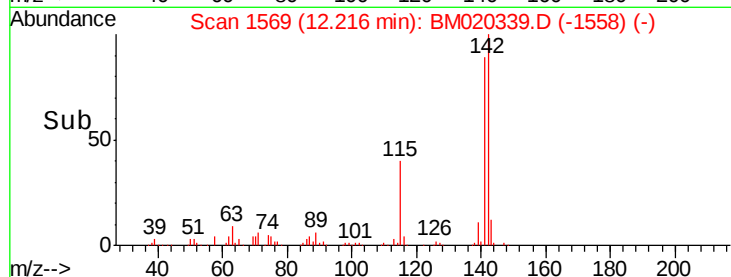
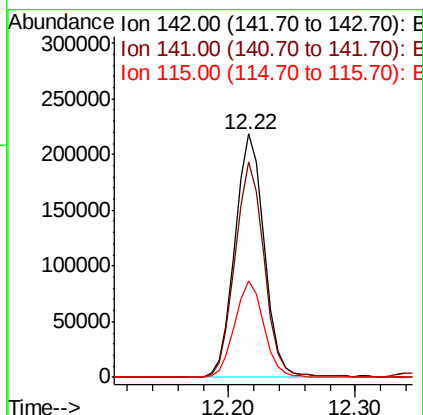
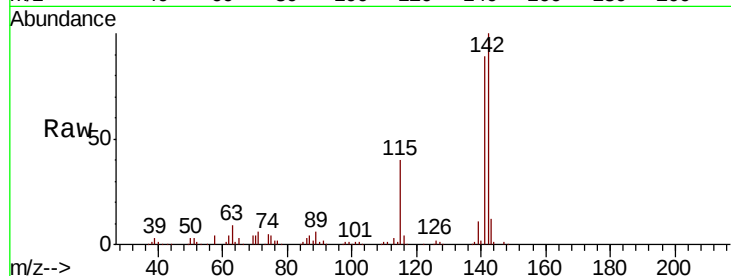




#37  
 2-Methylnaphthalene  
 Concen: 39.693 ng  
 RT: 12.22 min Scan# 1569  
 Delta R.T. -0.04 min  
 Lab File: BM020339.D  
 Acq: 14 May 2019 19:06

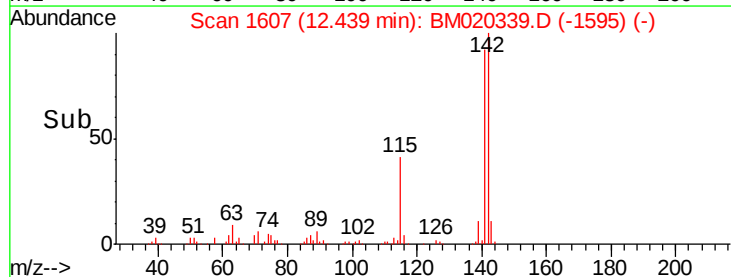
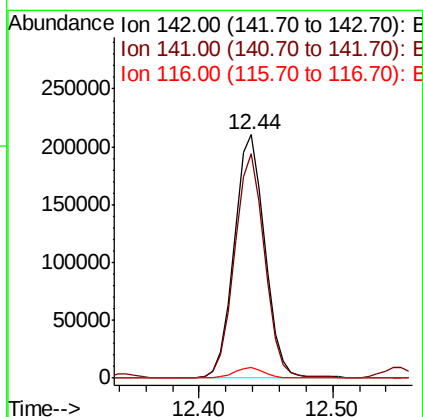
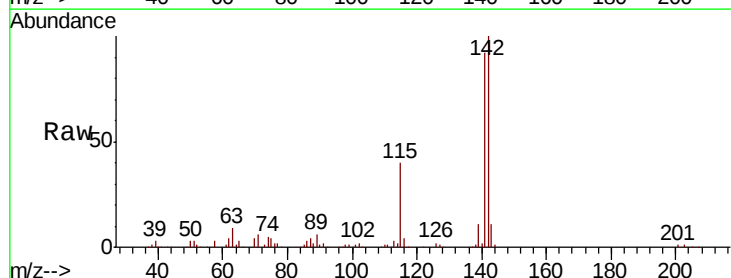
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB119718BS

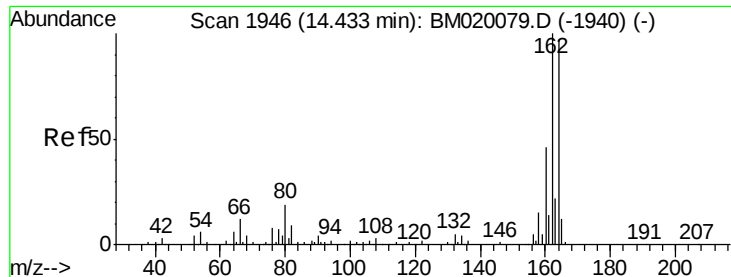
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.6  | 71.6  | 107.4 |
| 115     | 39.6  | 35.8  | 53.6  |



#38  
 1-Methylnaphthalene  
 Concen: 38.686 ng  
 RT: 12.44 min Scan# 1607  
 Delta R.T. -0.03 min  
 Lab File: BM020339.D  
 Acq: 14 May 2019 19:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.4  | 74.8  | 112.2 |
| 116     | 4.2   | 3.9   | 5.9   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.40 min Scan# 1941

Delta R.T. -0.03 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA\_M

ClientSampleId :

PB119718BS

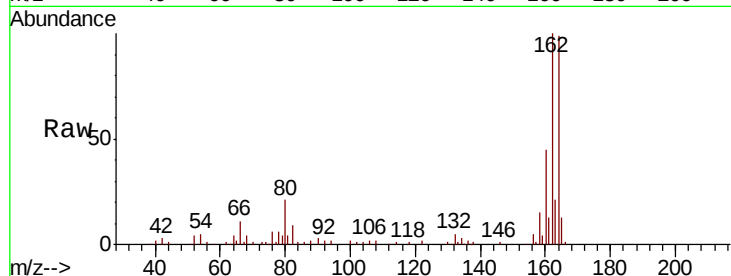
Tgt Ion:164 Resp: 139893

Ion Ratio Lower Upper

164 100

162 100.9 82.2 123.2

160 45.0 37.6 56.4

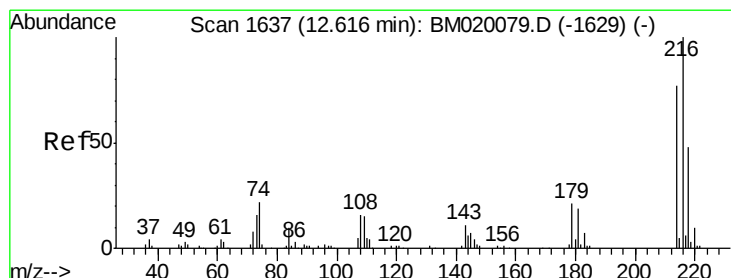
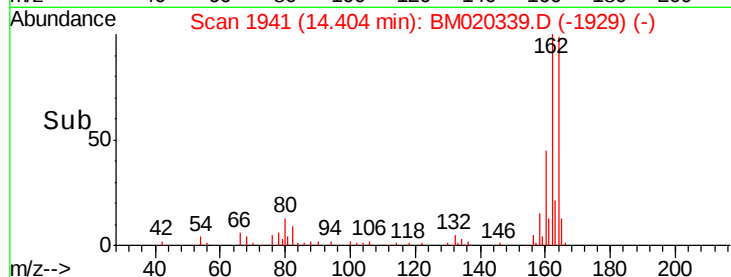
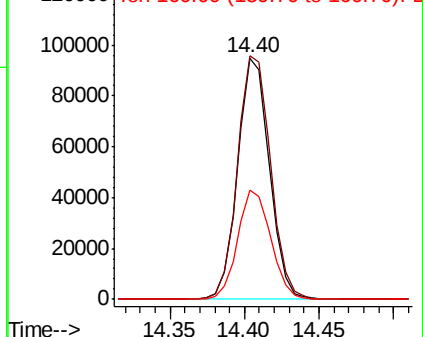


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.549 ng

RT: 12.59 min Scan# 1632

Delta R.T. -0.03 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Tgt Ion:216 Resp: 216458

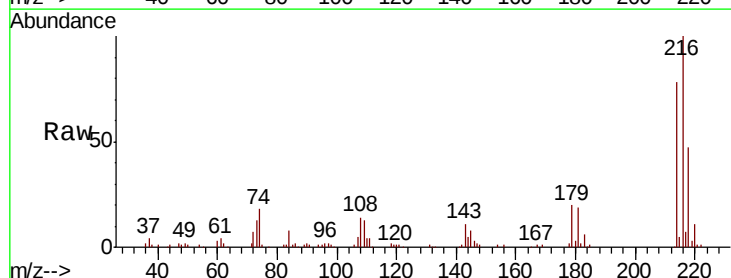
Ion Ratio Lower Upper

216 100

214 79.4 62.6 94.0

179 19.9 17.1 25.7

108 17.3 15.8 23.6



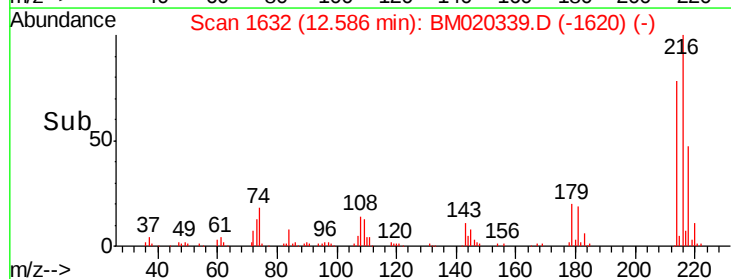
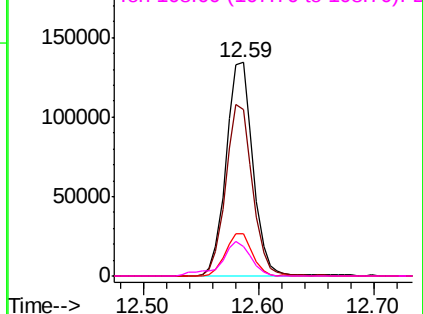
Abundance

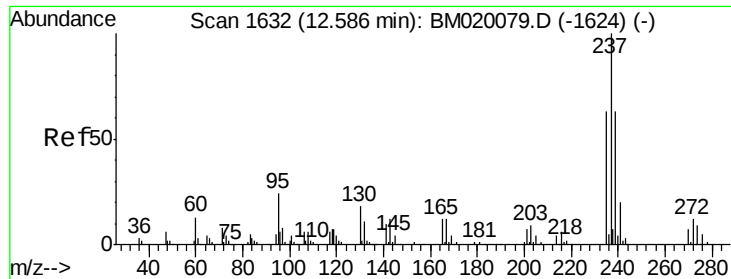
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 41.325 ng

RT: 12.55 min Scan# 1626

Delta R.T. -0.04 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

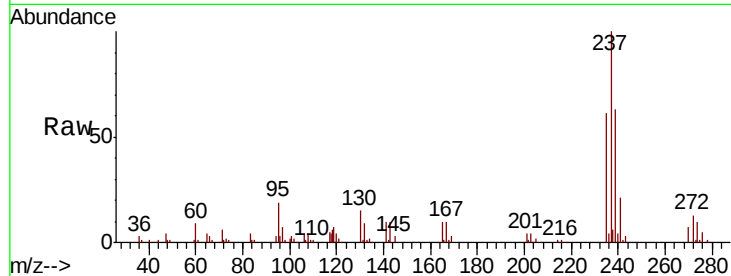
Instrument :

BNA\_M

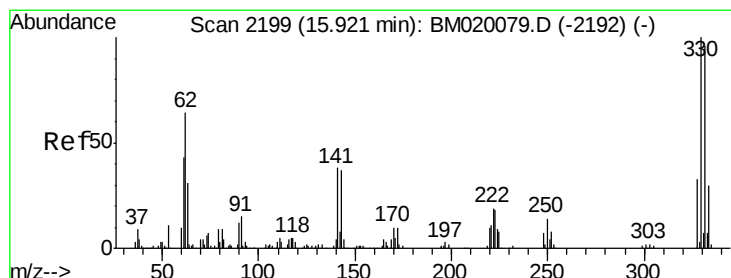
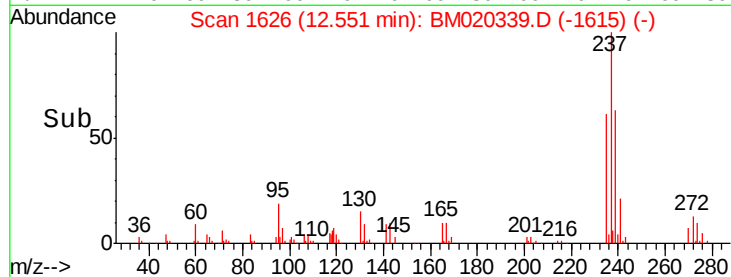
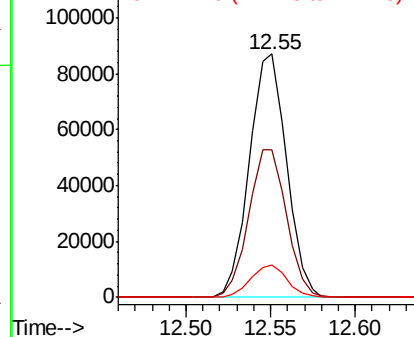
ClientSampleId :

PB119718BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 237   | Resp: | 133175 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 60.9  | 43.4  | 83.4   |
| 272       | 13.3  | 0.0   | 31.7   |



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: 87.777 ng

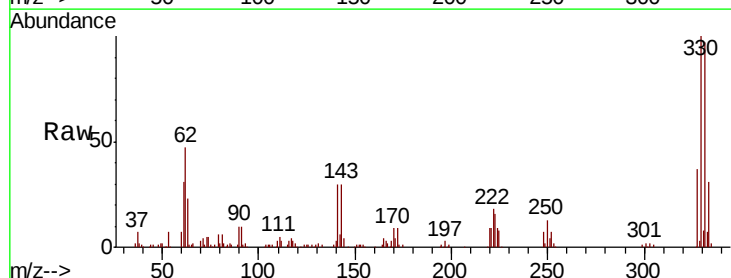
RT: 15.90 min Scan# 2196

Delta R.T. -0.02 min

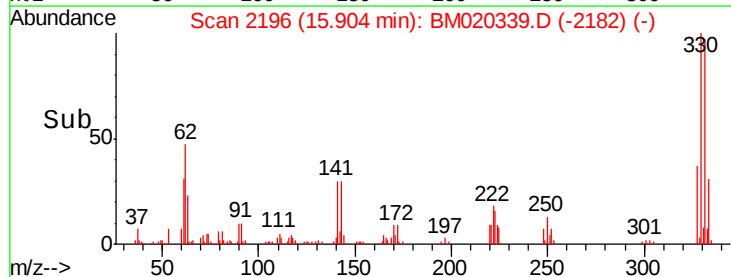
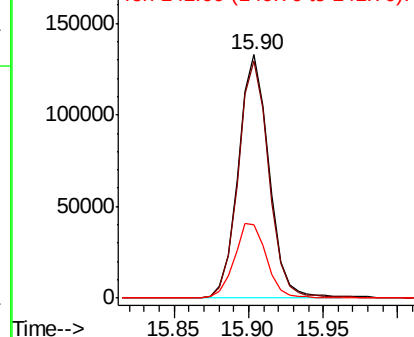
Lab File: BM020339.D

Acq: 14 May 2019 19:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 190599 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 97.1  | 76.8  | 115.2  |
| 141       | 32.2  | 29.2  | 43.8   |



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

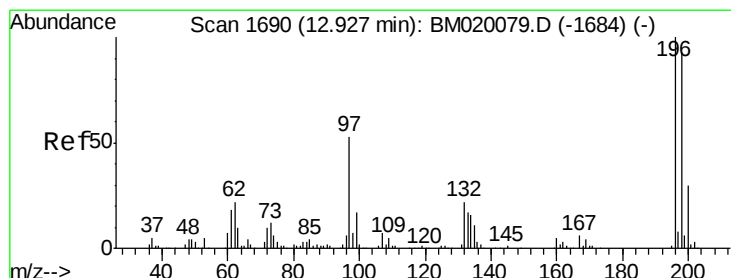
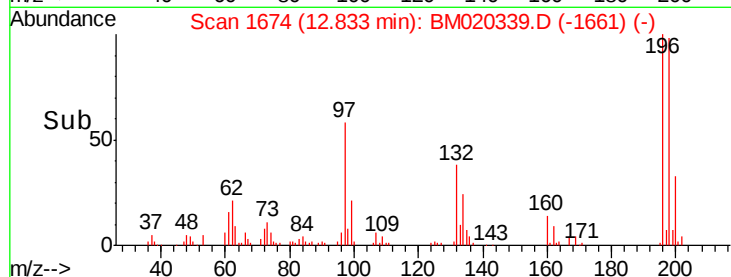
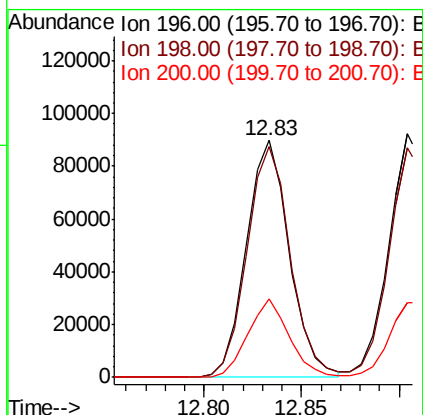
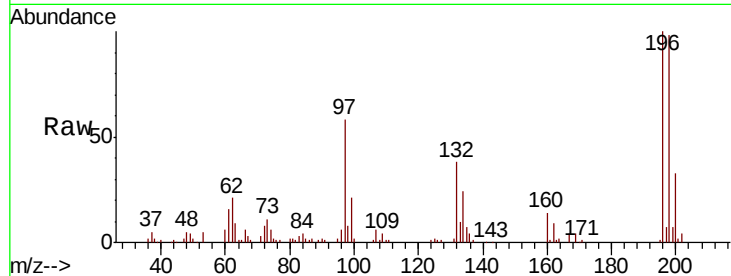




#43  
 2,4,6-Trichlorophenol  
 Concen: 44.128 ng  
 RT: 12.83 min Scan# 1674  
 Delta R.T. -0.02 min  
 Lab File: BM020339.D  
 Acq: 14 May 2019 19:06

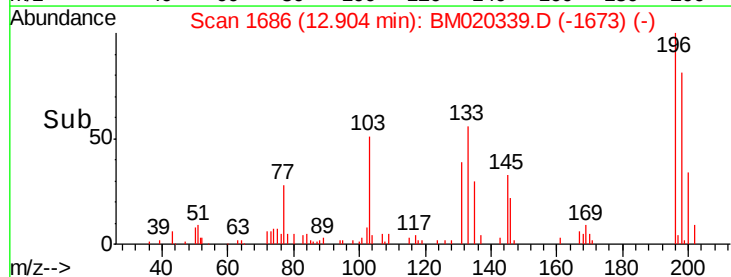
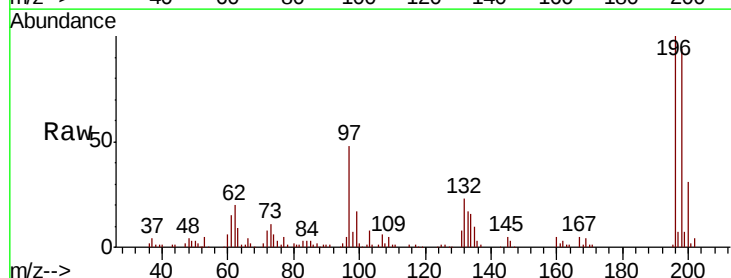
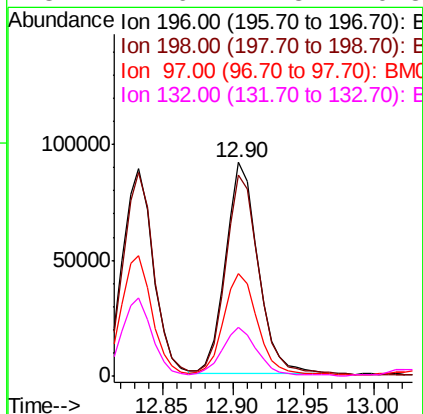
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB119718BS

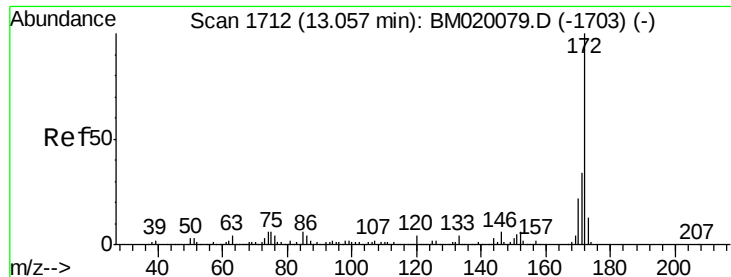
Tgt Ion:196 Resp: 137262  
 Ion Ratio Lower Upper  
 196 100  
 198 97.7 76.2 114.2  
 200 32.9 24.3 36.5



#44  
 2,4,5-Trichlorophenol  
 Concen: 42.133 ng  
 RT: 12.90 min Scan# 1686  
 Delta R.T. -0.02 min  
 Lab File: BM020339.D  
 Acq: 14 May 2019 19:06

Tgt Ion:196 Resp: 146409  
 Ion Ratio Lower Upper  
 196 100  
 198 94.3 74.7 112.1  
 97 48.0 42.2 63.4  
 132 22.6 17.8 26.8

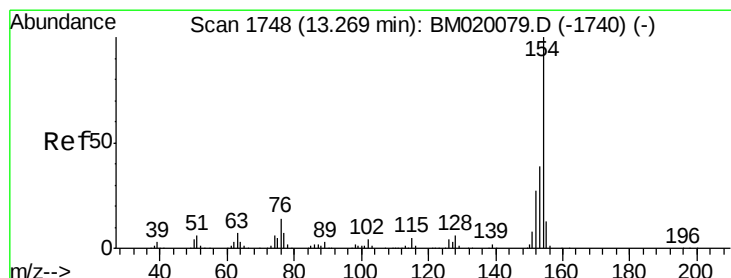
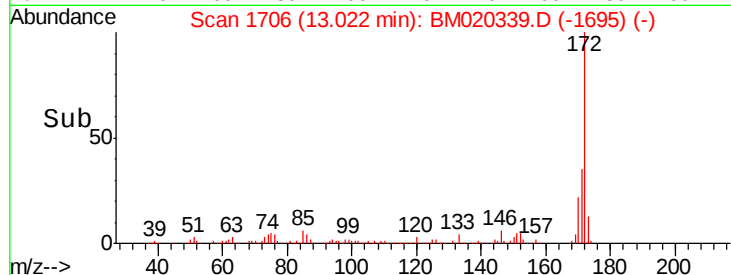
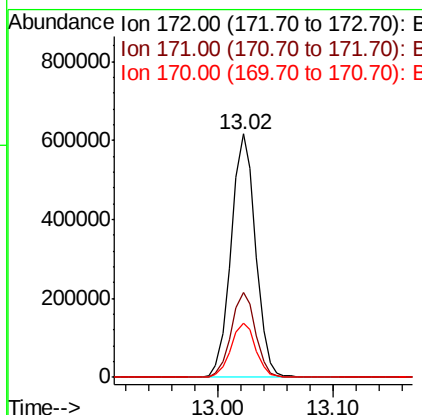
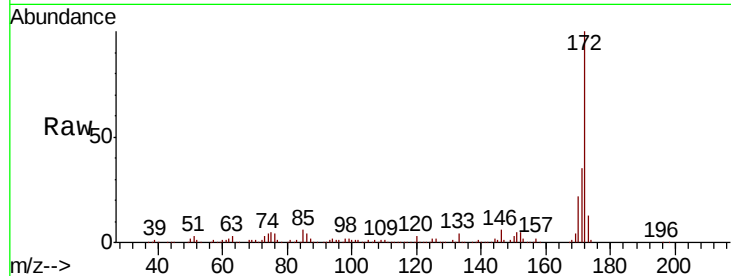




#45  
 2-Fluorobiphenyl  
 Concen: 79.595 ng  
 RT: 13.02 min Scan# 1706  
 Delta R.T. -0.04 min  
 Lab File: BM020339.D  
 Acq: 14 May 2019 19:06

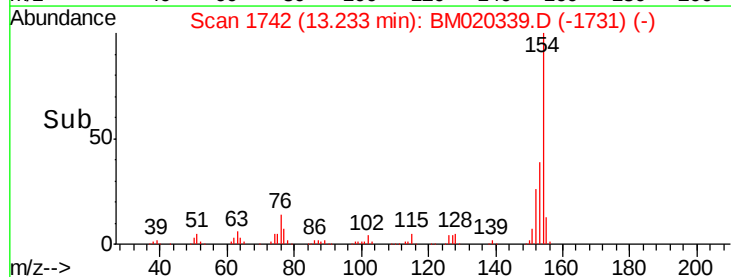
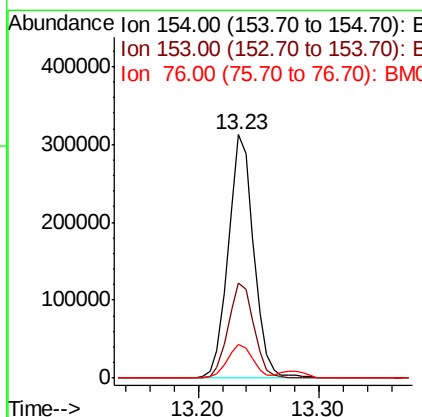
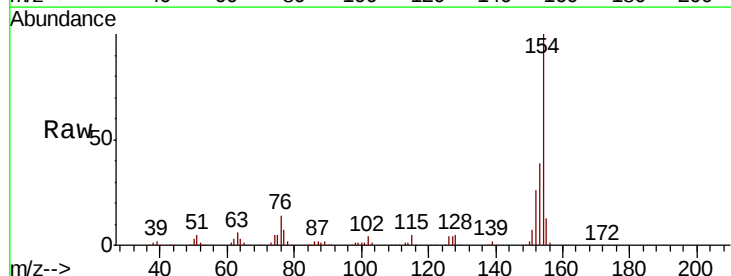
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB119718BS

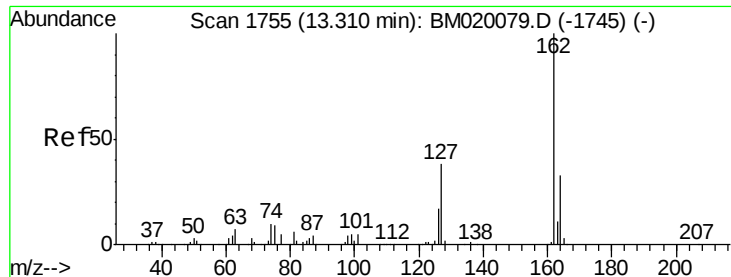
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.1  | 27.3  | 40.9  |
| 170     | 22.5  | 17.9  | 26.9  |



#46  
 1,1'-Biphenyl  
 Concen: 39.822 ng  
 RT: 13.23 min Scan# 1742  
 Delta R.T. -0.04 min  
 Lab File: BM020339.D  
 Acq: 14 May 2019 19:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 39.1  | 19.4  | 59.4  |
| 76      | 13.7  | 0.0   | 34.5  |

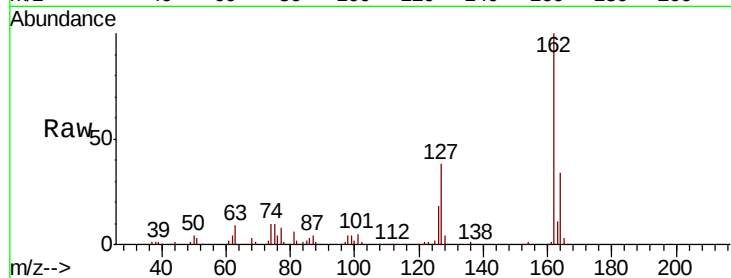




#47  
2-Chloronaphthalene  
Concen: 40.047 ng  
RT: 13.28 min Scan# 1750  
Delta R.T. -0.03 min  
Lab File: BM020339.D  
Acq: 14 May 2019 19:06

Instrument :  
BNA\_M  
ClientSampleId :  
PB119718BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 37.6  | 31.0  | 46.4  |
| 164     | 33.8  | 26.2  | 39.2  |

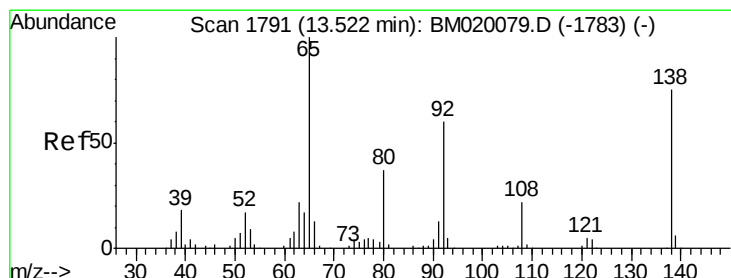
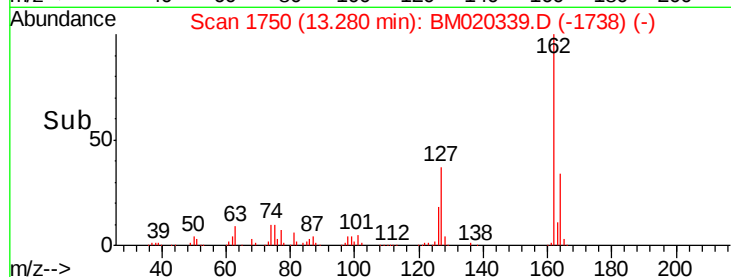
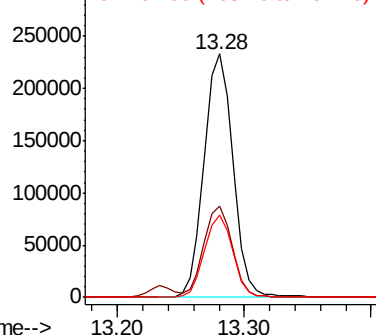


Abundance

Ion 162.00 (161.70 to 162.70): E

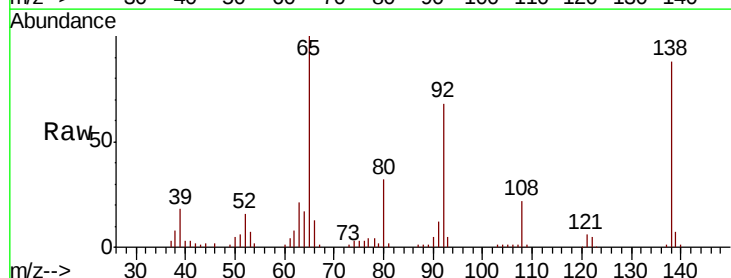
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48  
2-Nitroaniline  
Concen: 34.551 ng  
RT: 13.50 min Scan# 1787  
Delta R.T. -0.02 min  
Lab File: BM020339.D  
Acq: 14 May 2019 19:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 67.7  | 48.2  | 72.4  |
| 138     | 87.8  | 60.3  | 90.5  |

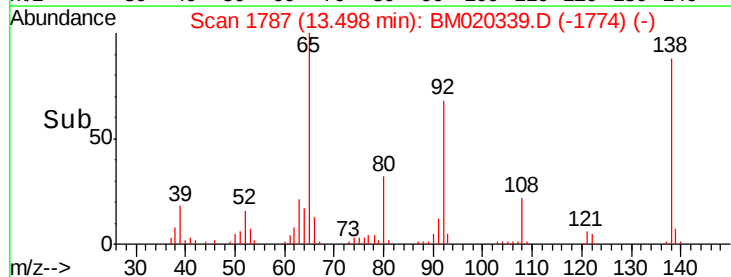
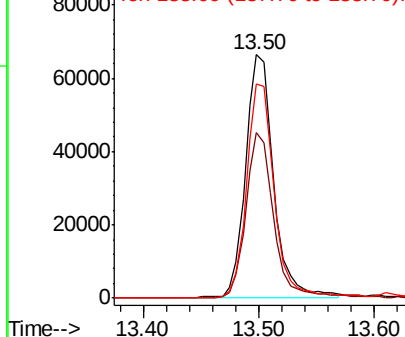


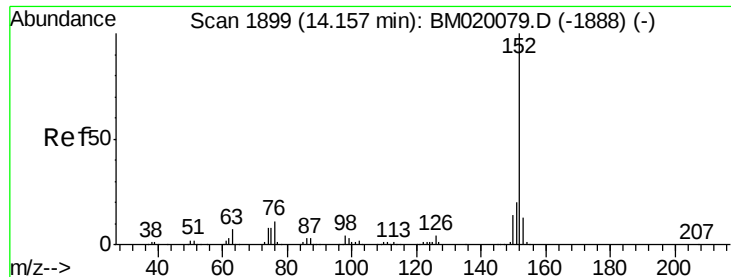
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.017 ng

RT: 14.13 min Scan# 1894

Delta R.T. -0.03 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA\_M

ClientSampleId :

PB119718BS

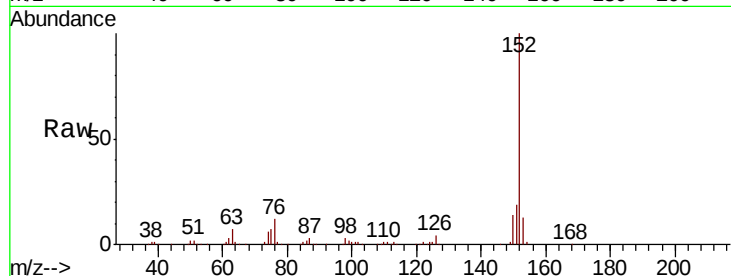
Tgt Ion:152 Resp: 574068

Ion Ratio Lower Upper

152 100

151 19.2 16.2 24.2

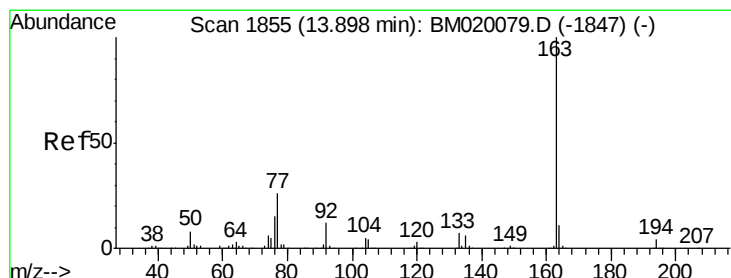
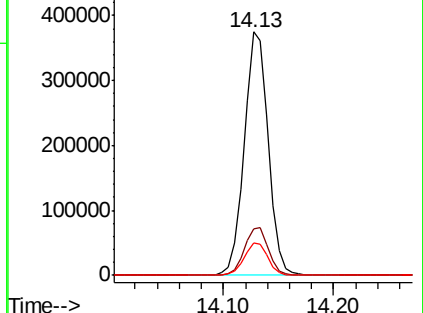
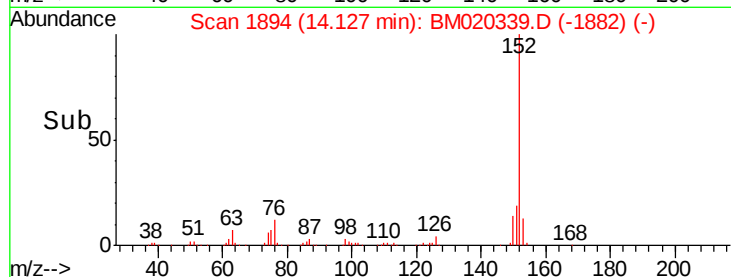
153 13.4 10.6 16.0



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: 39.060 ng

RT: 13.87 min Scan# 1850

Delta R.T. -0.03 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

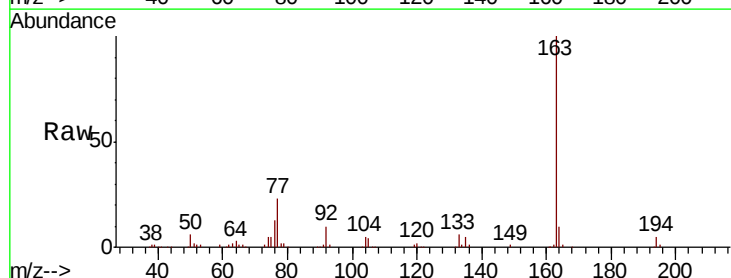
Tgt Ion:163 Resp: 464414

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

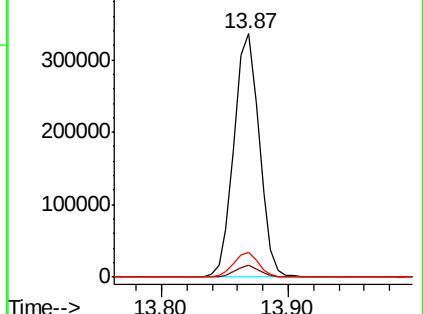
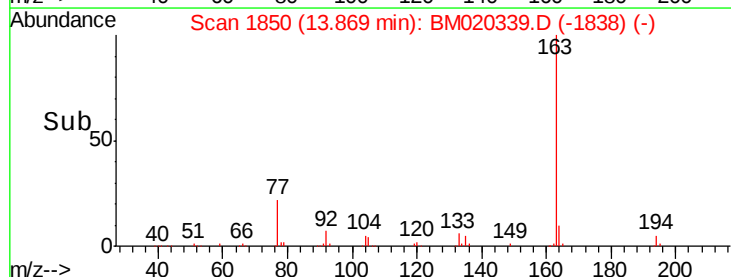
164 10.0 8.4 12.6

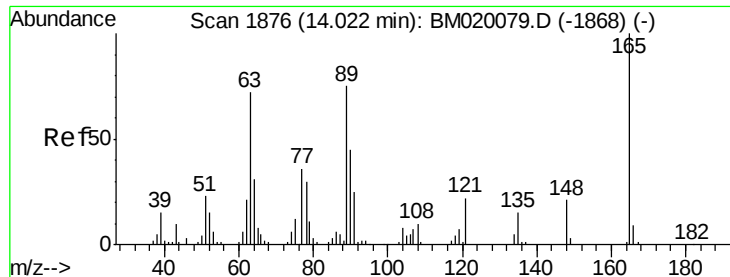


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

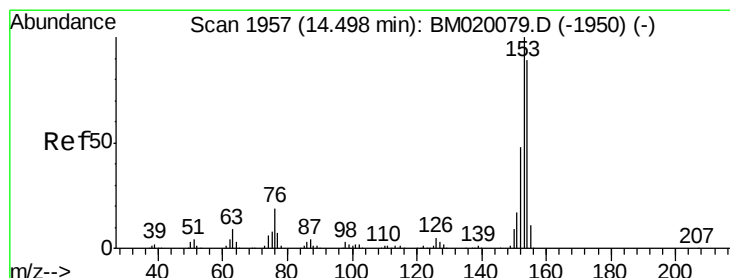
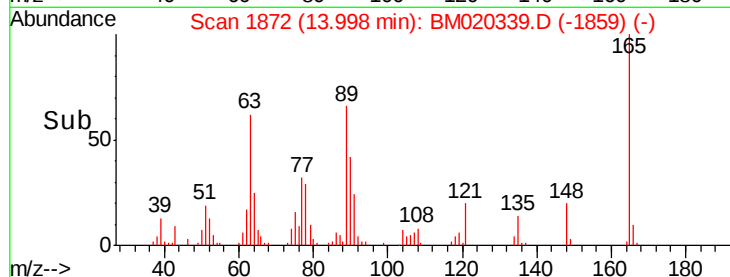
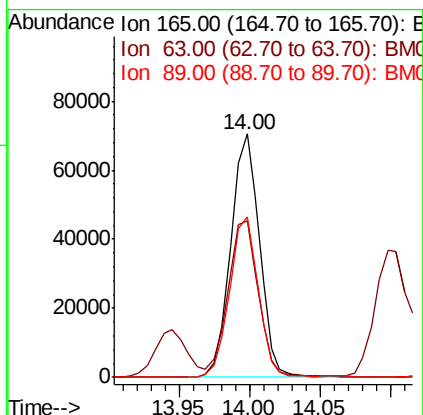
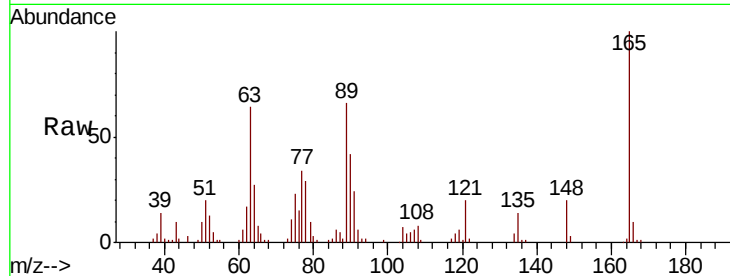




#51  
 2,6-Dinitrotoluene  
 Concen: 39.990 ng  
 RT: 14.00 min Scan# 1872  
 Delta R.T. -0.02 min  
 Lab File: BM020339.D  
 Acq: 14 May 2019 19:06

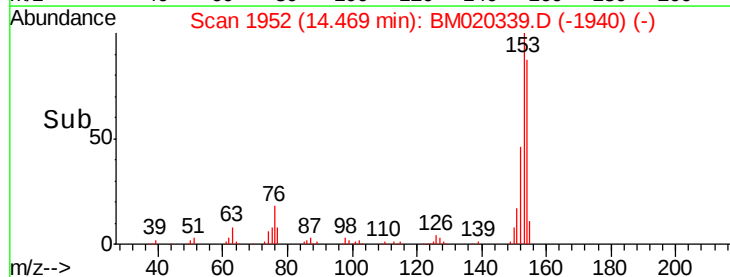
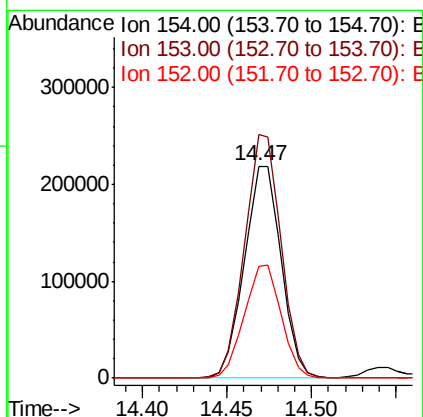
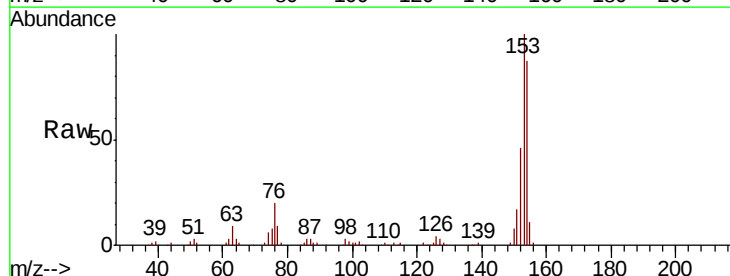
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB119718BS

Tgt Ion:165 Resp: 100144  
 Ion Ratio Lower Upper  
 165 100  
 63 64.2 60.3 90.5  
 89 66.1 59.8 89.6



#52  
 Acenaphthene  
 Concen: 39.489 ng  
 RT: 14.47 min Scan# 1952  
 Delta R.T. -0.03 min  
 Lab File: BM020339.D  
 Acq: 14 May 2019 19:06

Tgt Ion:154 Resp: 333180  
 Ion Ratio Lower Upper  
 154 100  
 153 114.7 90.2 135.2  
 152 52.7 43.0 64.4





#53

3-Nitroaniline

Concen: 17.938 ng

RT: 14.33 min Scan# 1929

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA\_M

ClientSampleId :

PB119718BS

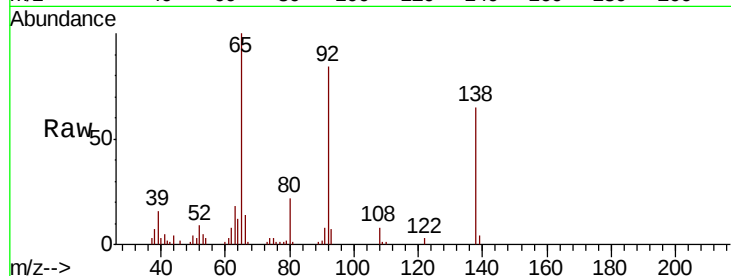
Tgt Ion:138 Resp: 41693

Ion Ratio Lower Upper

138 100

108 11.8 10.4 15.6

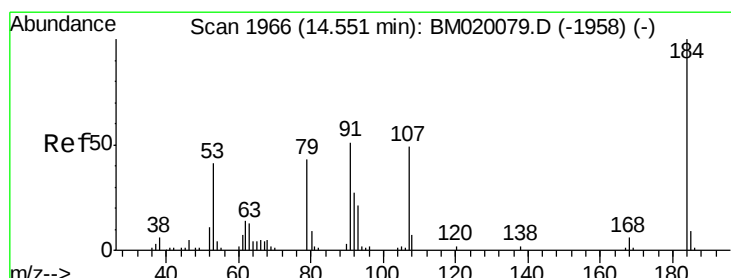
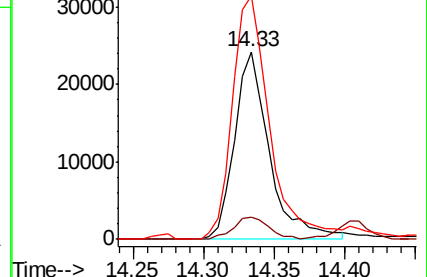
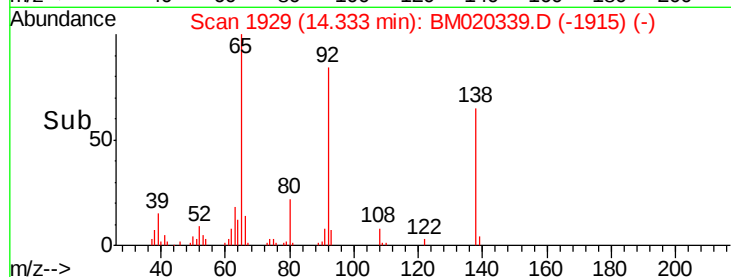
92 129.8 111.3 166.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 29.141 ng

RT: 14.54 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

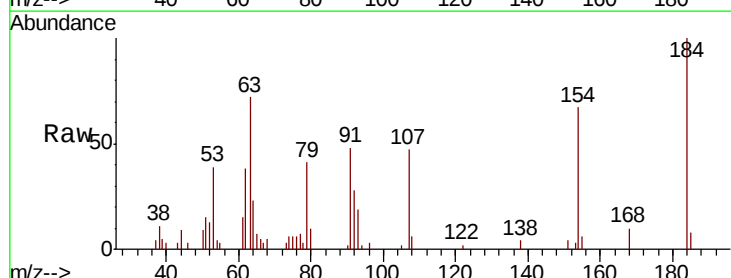
Tgt Ion:184 Resp: 28998

Ion Ratio Lower Upper

184 100

63 72.3 68.9 103.3

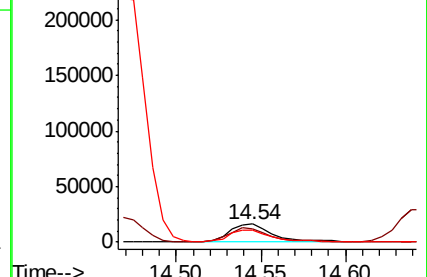
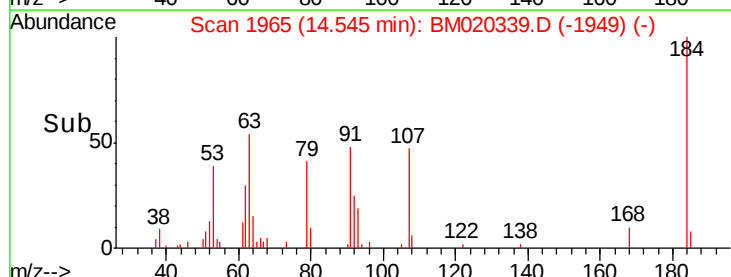
154 66.8 54.4 81.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

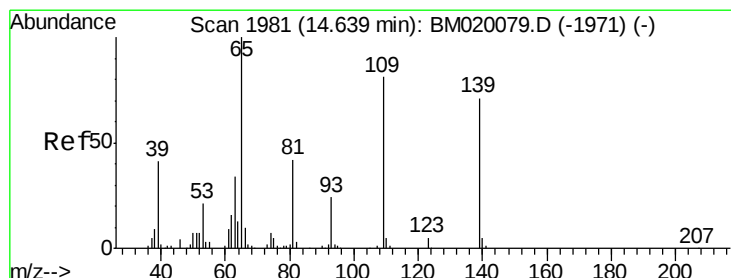
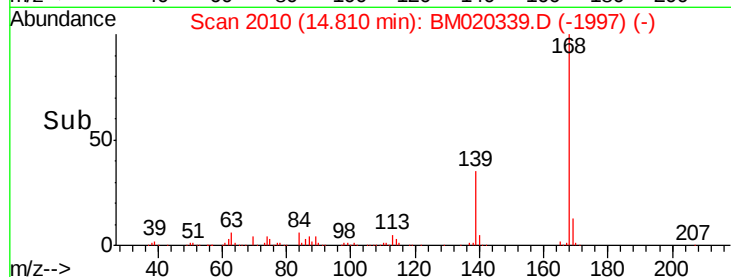
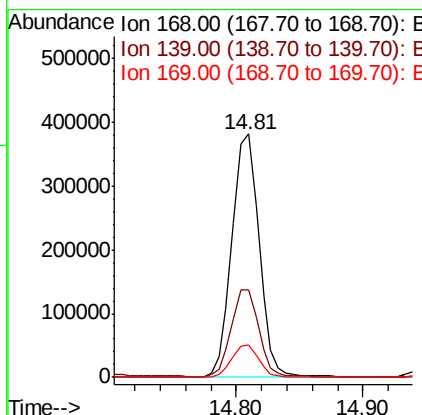
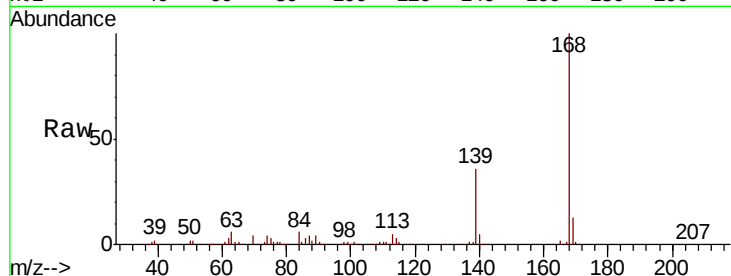




#55  
Dibenzofuran  
Concen: 40.045 ng  
RT: 14.81 min Scan# 2010  
Delta R.T. -0.02 min  
Lab File: BM020339.D  
Acq: 14 May 2019 19:06

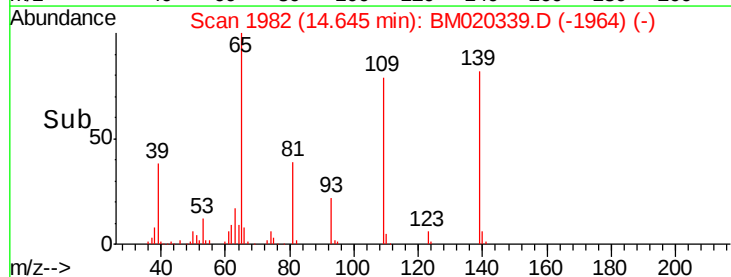
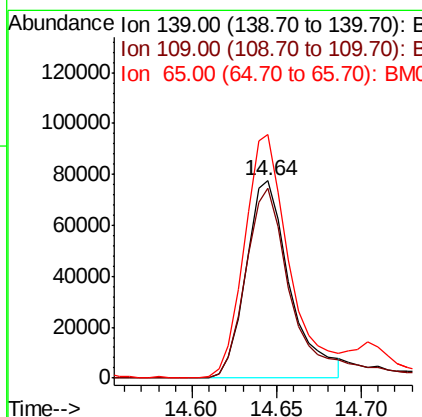
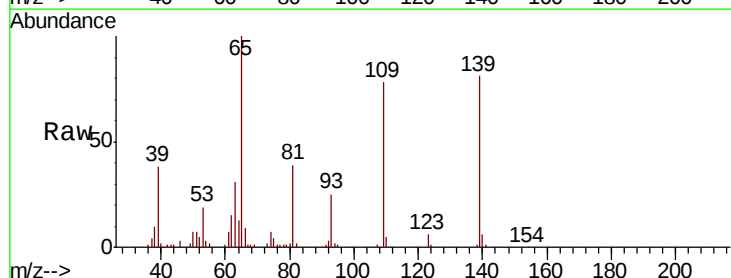
Instrument :  
BNA\_M  
ClientSampleId :  
PB119718BS

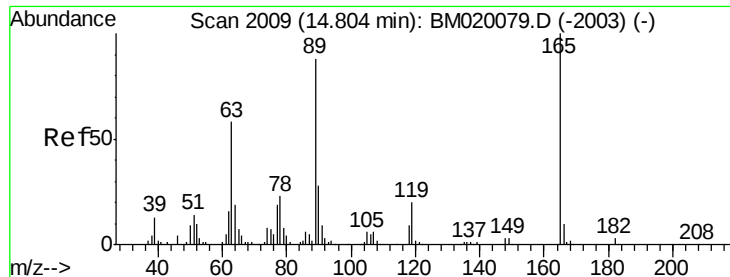
Tgt Ion:168 Resp: 569909  
Ion Ratio Lower Upper  
168 100  
139 35.9 31.1 46.7  
169 13.2 10.6 16.0



#56  
4-Nitrophenol  
Concen: 70.711 ng  
RT: 14.64 min Scan# 1982  
Delta R.T. 0.01 min  
Lab File: BM020339.D  
Acq: 14 May 2019 19:06

Tgt Ion:139 Resp: 140224  
Ion Ratio Lower Upper  
139 100  
109 96.3 94.1 134.1  
65 123.4 120.9 160.9

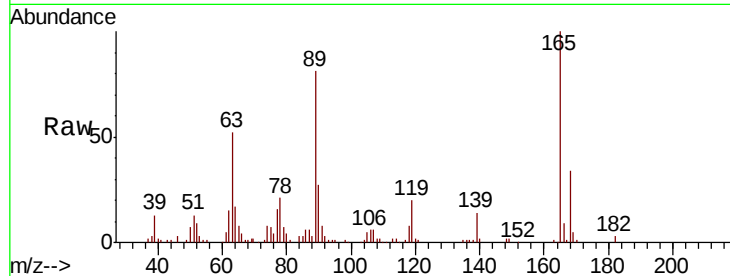




#57  
 2,4-Dinitrotoluene  
 Concen: 40.154 ng  
 RT: 14.79 min Scan# 2006  
 Delta R.T. -0.02 min  
 Lab File: BM020339.D  
 Acq: 14 May 2019 19:06

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB119718BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 52.5  | 46.2  | 69.2  |
| 89      | 80.9  | 70.6  | 105.8 |
| 182     | 3.3   | 2.2   | 3.2#  |



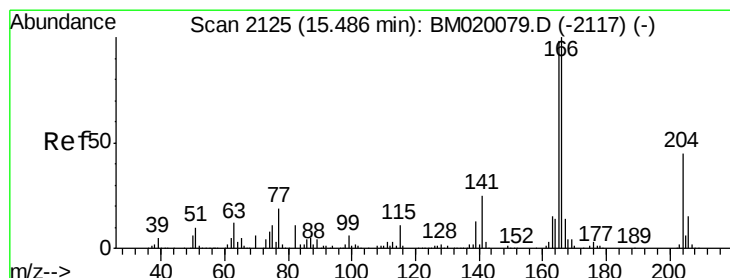
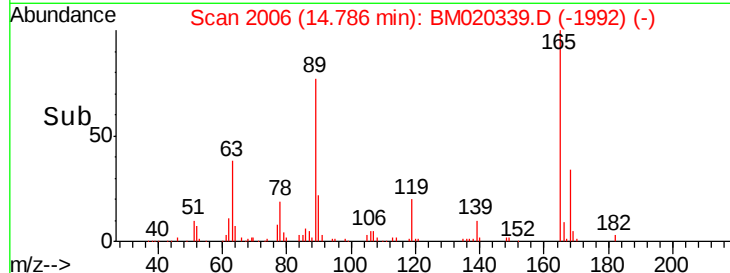
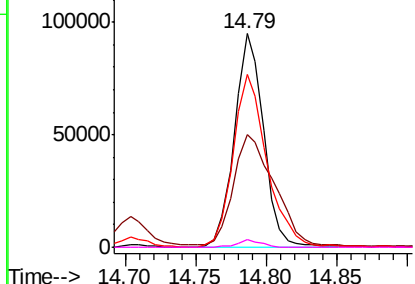
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

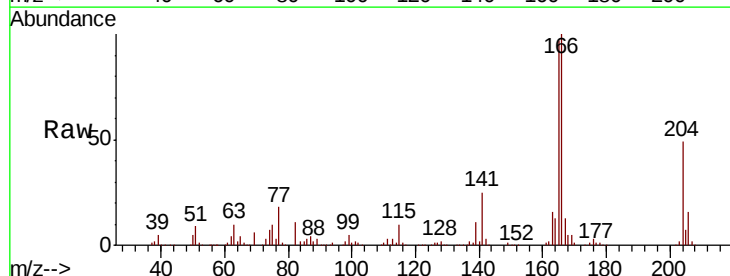
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58  
 Fluorene  
 Concen: 39.250 ng  
 RT: 15.46 min Scan# 2120  
 Delta R.T. -0.03 min  
 Lab File: BM020339.D  
 Acq: 14 May 2019 19:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 96.6  | 78.2  | 117.2 |
| 167     | 13.1  | 11.0  | 16.4  |

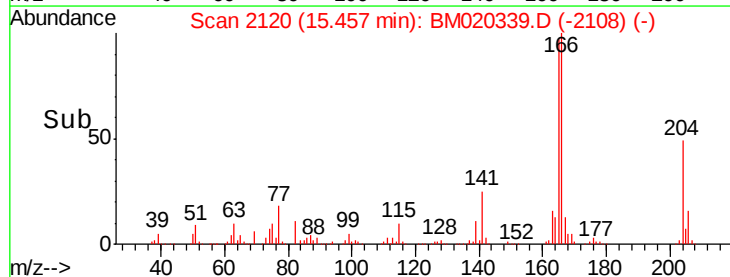
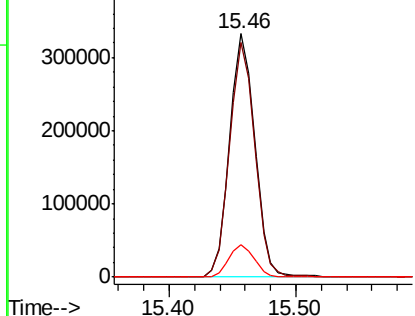


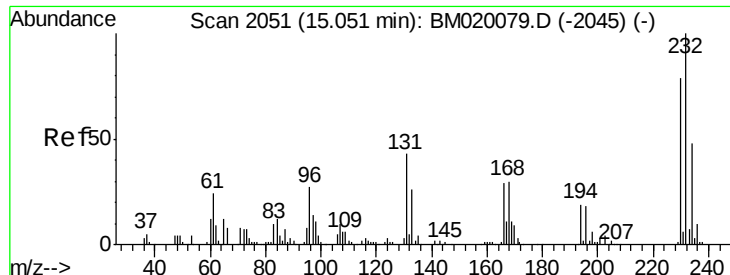
Abundance

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

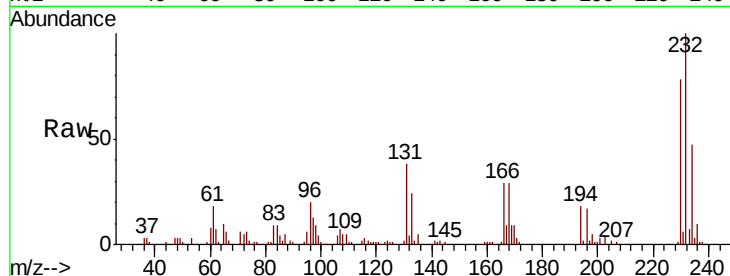




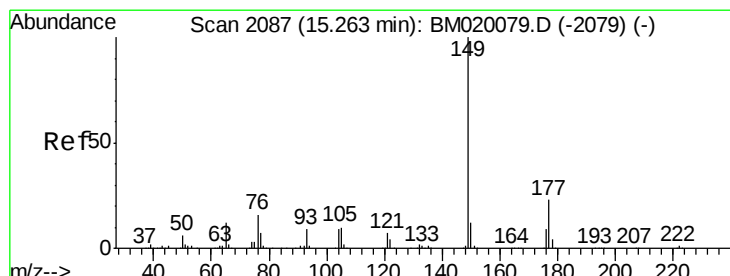
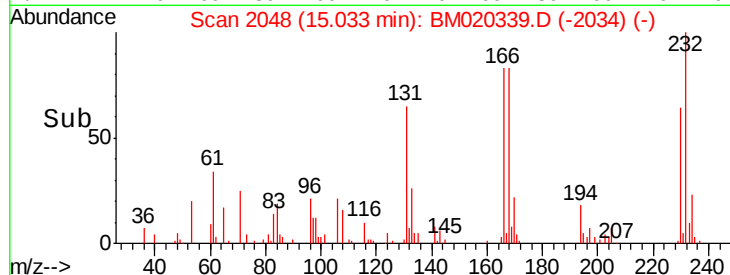
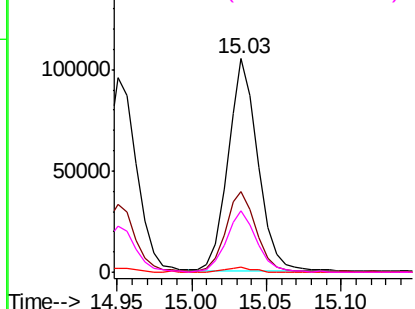
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 43.916 ng  
 RT: 15.03 min Scan# 2048  
 Delta R.T. -0.02 min  
 Lab File: BM020339.D  
 Acq: 14 May 2019 19:06

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB119718BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 145019 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 38.3  | 34.2  | 51.4   |
| 130      | 2.1   | 2.0   | 3.0    |
| 166      | 29.7  | 23.8  | 35.8   |

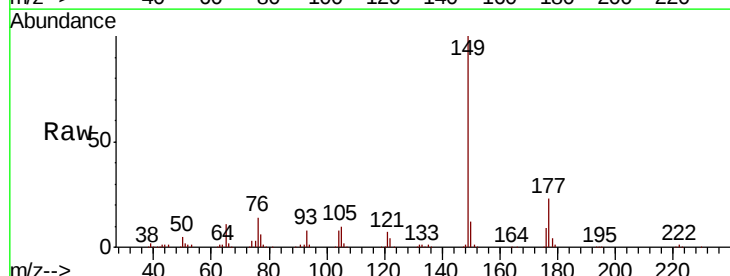


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

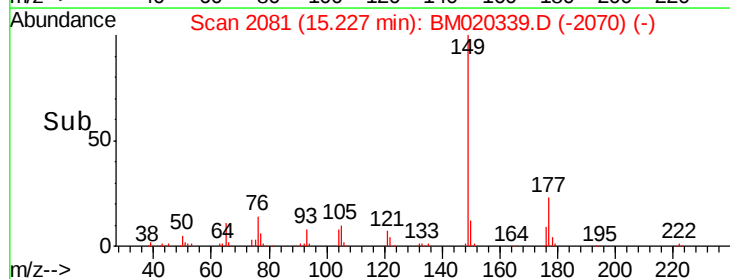
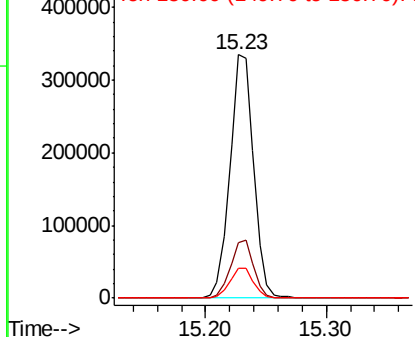


#60  
 Diethylphthalate  
 Concen: 38.262 ng  
 RT: 15.23 min Scan# 2081  
 Delta R.T. -0.04 min  
 Lab File: BM020339.D  
 Acq: 14 May 2019 19:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 458333 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 22.7  | 18.2  | 27.4   |
| 150      | 12.1  | 9.9   | 14.9   |



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

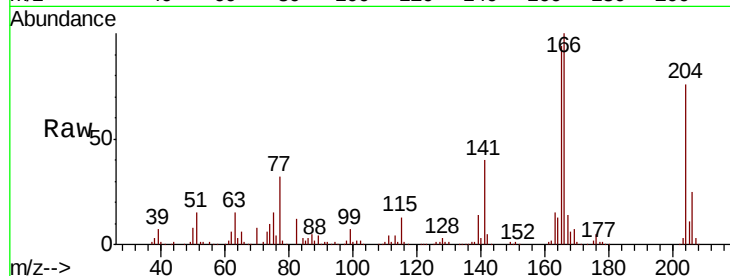




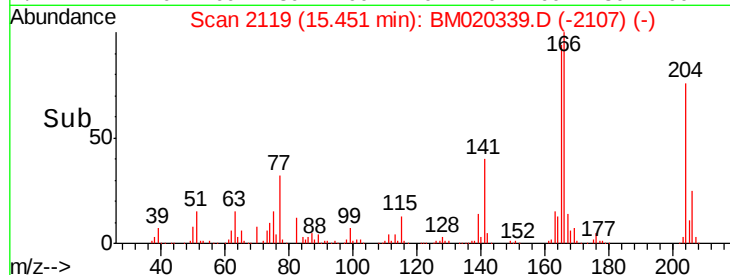
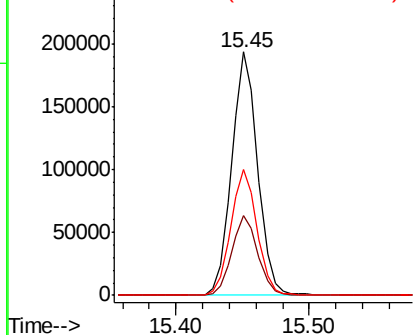
#61  
 4-Chlorophenyl-phenylether  
 Concen: 39.681 ng  
 RT: 15.45 min Scan# 2119  
 Delta R.T. -0.03 min  
 Lab File: BM020339.D  
 Acq: 14 May 2019 19:06

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB119718BS

Tgt Ion:204 Resp: 262787  
 Ion Ratio Lower Upper  
 204 100  
 206 32.5 25.6 38.4  
 141 51.9 46.1 69.1

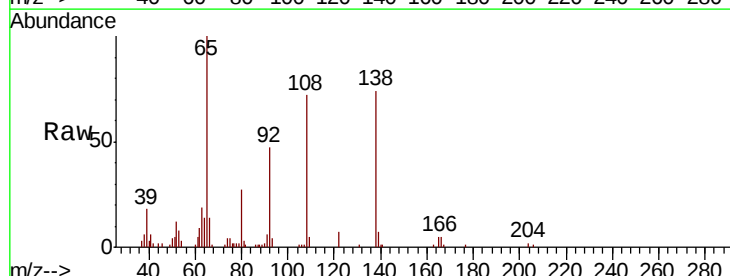


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

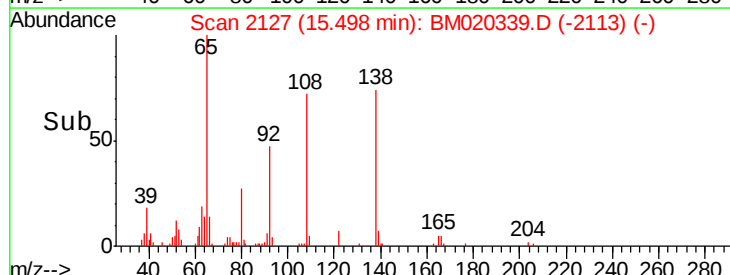
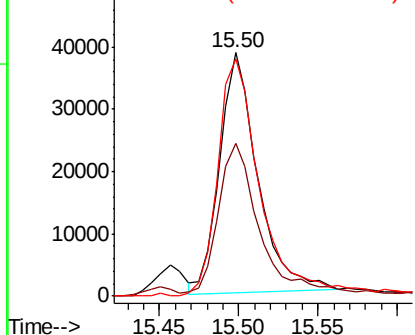


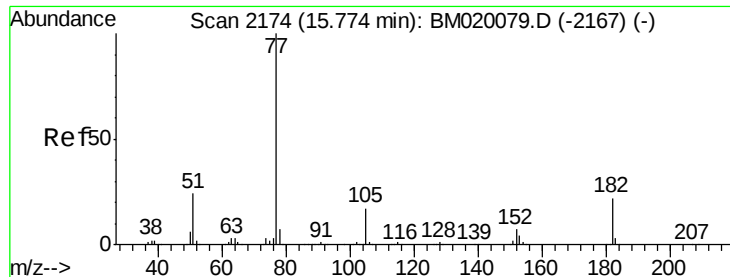
#62  
 4-Nitroaniline  
 Concen: 24.950 ng  
 RT: 15.50 min Scan# 2127  
 Delta R.T. -0.02 min  
 Lab File: BM020339.D  
 Acq: 14 May 2019 19:06

Tgt Ion:138 Resp: 63997  
 Ion Ratio Lower Upper  
 138 100  
 92 63.0 45.9 85.9  
 108 97.5 97.7 137.7#



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





#63

Azobenzene

Concen: 35.773 ng

RT: 15.74 min Scan# 2169

Delta R.T. -0.03 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA\_M

ClientSampleId :

PB119718BS

Tgt Ion: 77 Resp: 505532

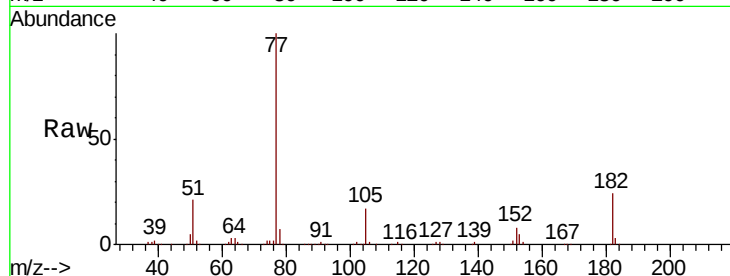
Ion Ratio Lower Upper

77 100

182 23.7 2.1 42.1

105 17.3 0.0 36.8

51 21.2 3.8 43.8

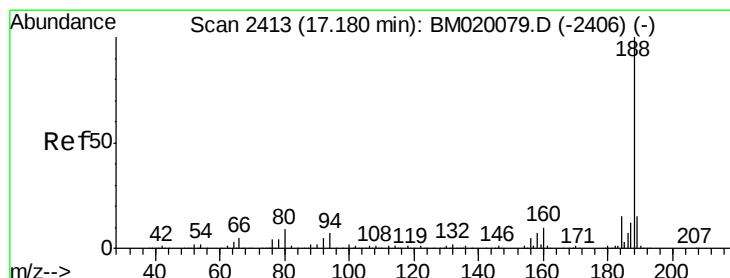
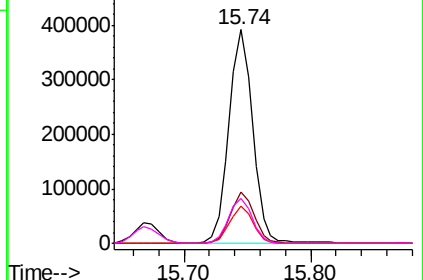
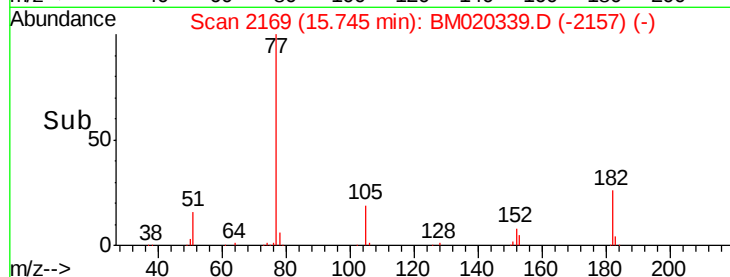


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: 17.16 min Scan# 2409

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

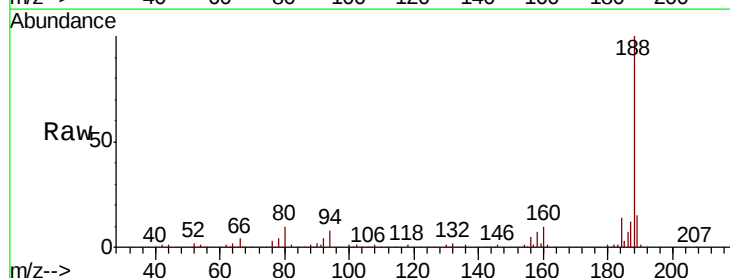
Tgt Ion: 188 Resp: 342919

Ion Ratio Lower Upper

188 100

94 7.5 5.8 8.6

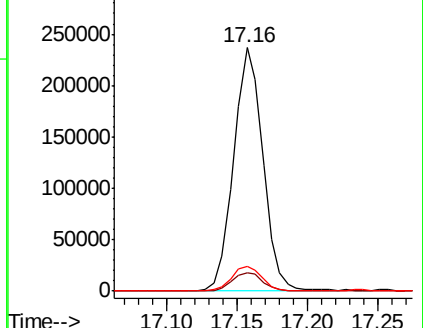
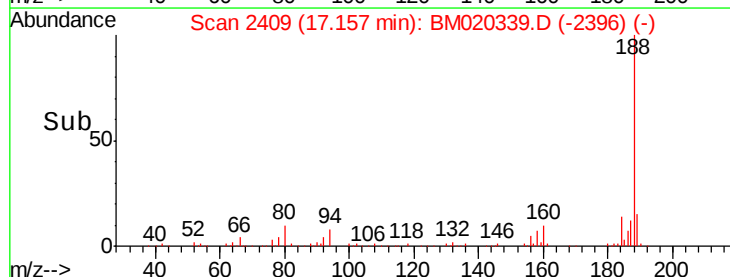
80 10.0 7.4 11.2

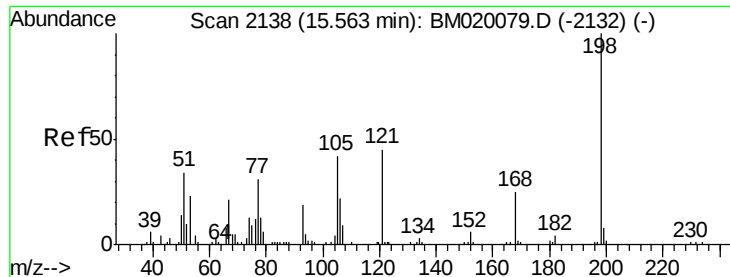


Abundance Ion 188.00 (187.70 to 188.70): E

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: 19.278 ng

RT: 15.54 min Scan# 2135

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA\_M

ClientSampleId :

PB119718BS

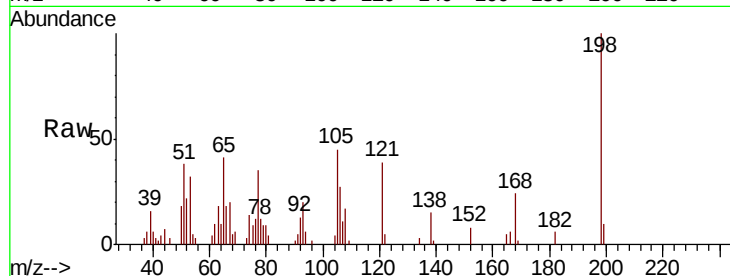
Tgt Ion:198 Resp: 24640

Ion Ratio Lower Upper

198 100

51 37.7 16.5 56.5

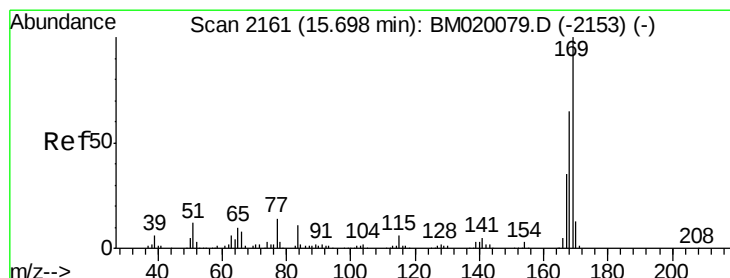
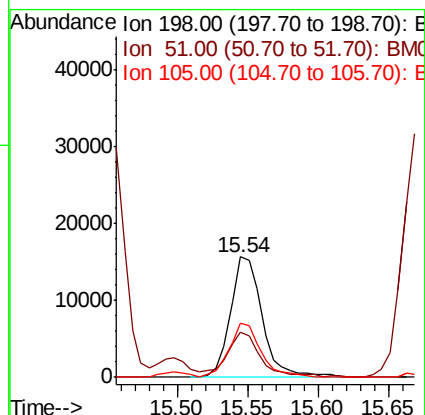
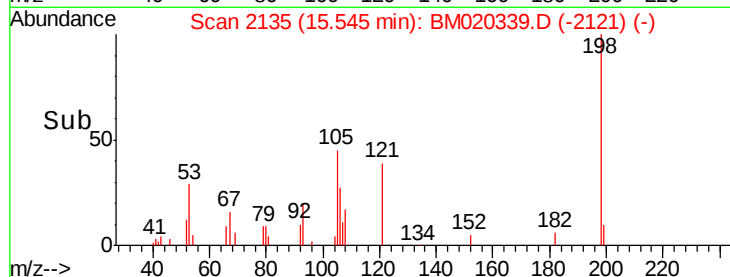
105 45.2 22.8 62.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.780 ng

RT: 15.67 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

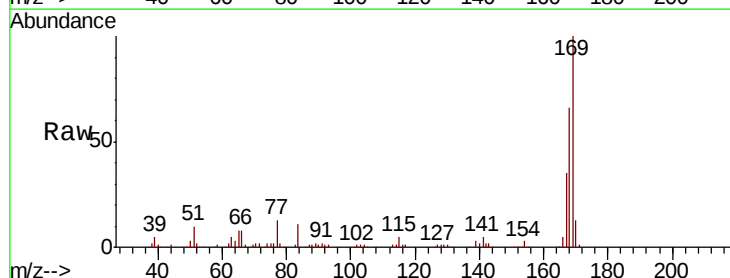
Tgt Ion:169 Resp: 401406

Ion Ratio Lower Upper

169 100

168 66.5 51.9 77.9

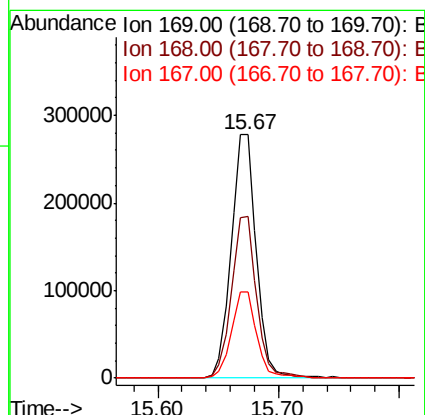
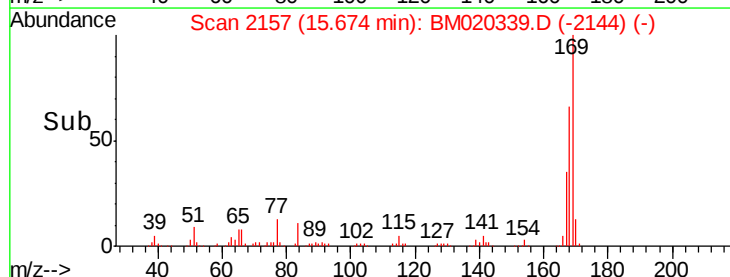
167 35.5 27.8 41.6



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

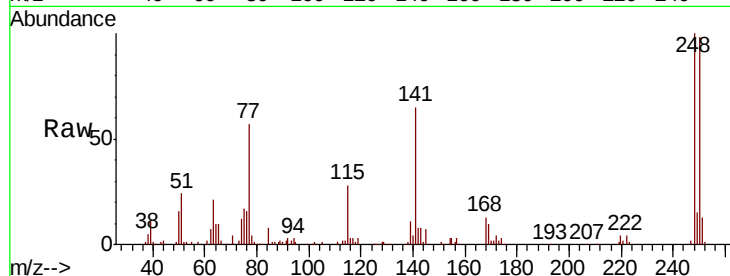




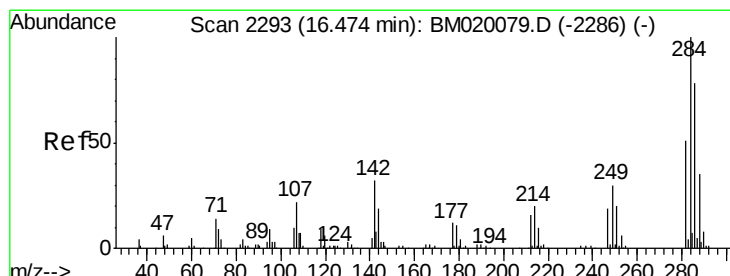
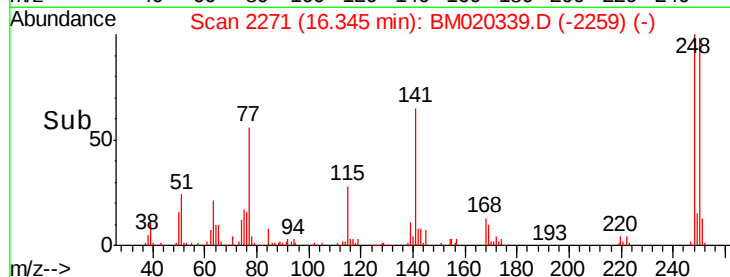
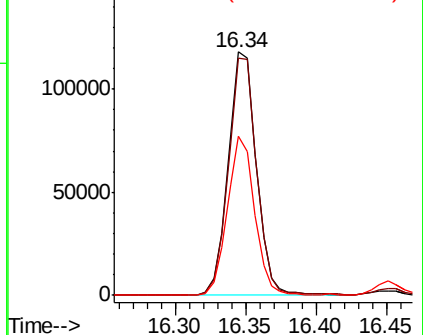
#67  
 4-Bromophenyl-phenylether  
 Concen: 39.051 ng  
 RT: 16.34 min Scan# 2271  
 Delta R.T. -0.03 min  
 Lab File: BM020339.D  
 Acq: 14 May 2019 19:06

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB119718BS

Tgt Ion:248 Resp: 164213  
 Ion Ratio Lower Upper  
 248 100  
 250 97.6 78.4 117.6  
 141 65.2 57.4 86.2

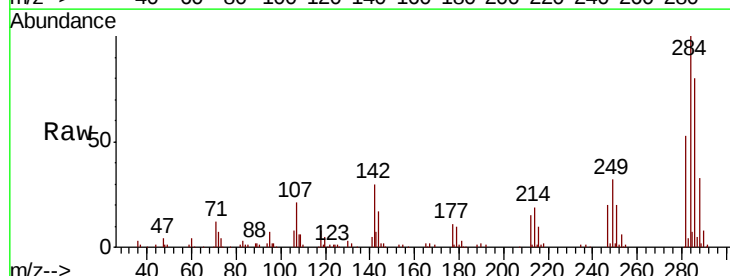


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

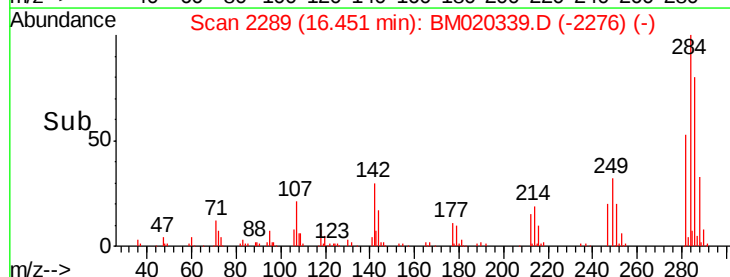
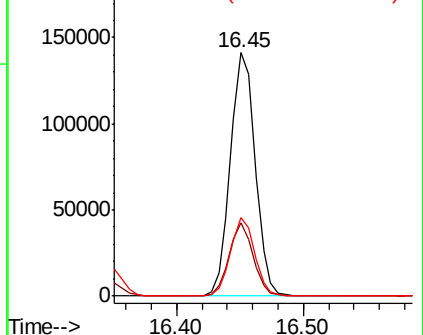


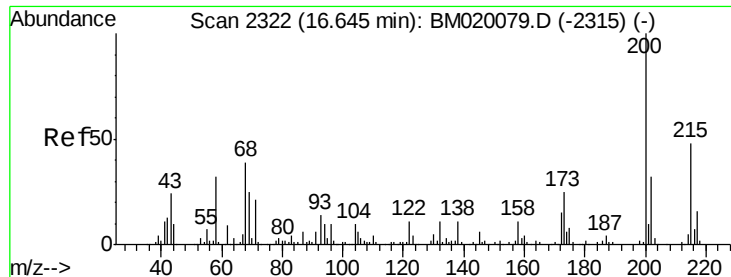
#68  
 Hexachlorobenzene  
 Concen: 39.540 ng  
 RT: 16.45 min Scan# 2289  
 Delta R.T. -0.02 min  
 Lab File: BM020339.D  
 Acq: 14 May 2019 19:06

Tgt Ion:284 Resp: 191331  
 Ion Ratio Lower Upper  
 284 100  
 142 30.4 25.2 37.8  
 249 32.3 23.6 35.4



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: 38.984 ng

RT: 16.63 min Scan# 2319

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA\_M

ClientSampleId :

PB119718BS

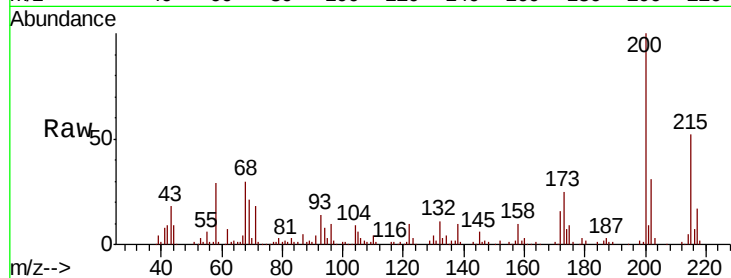
Tgt Ion:200 Resp: 153729

Ion Ratio Lower Upper

200 100

173 24.8 4.6 44.6

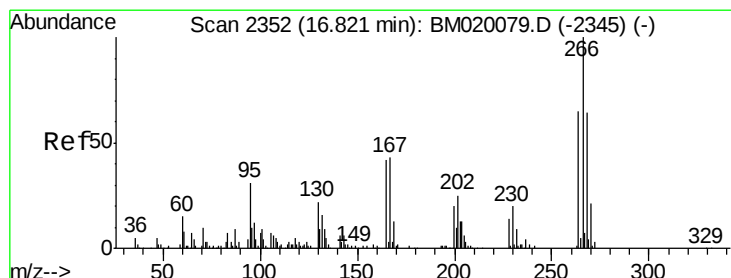
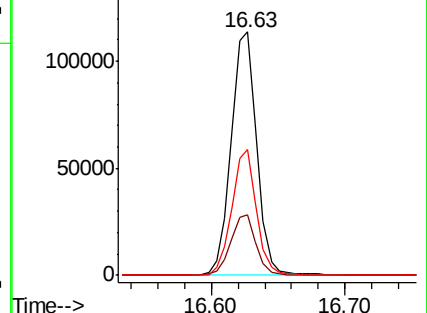
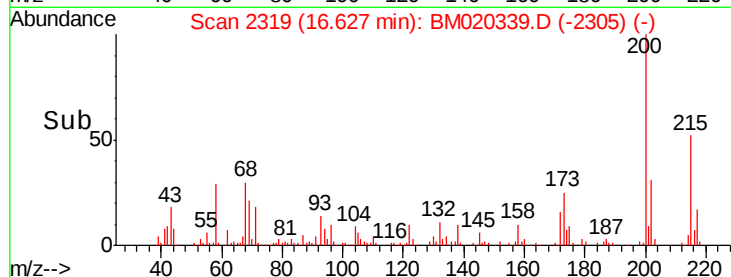
215 51.7 28.0 68.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 90.577 ng

RT: 16.80 min Scan# 2349

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

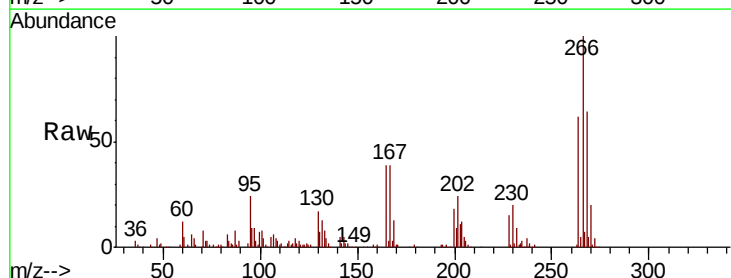
Tgt Ion:266 Resp: 250777

Ion Ratio Lower Upper

266 100

268 63.9 51.4 77.0

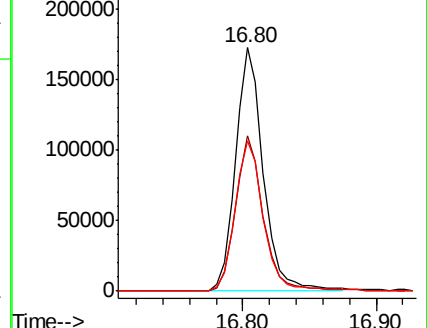
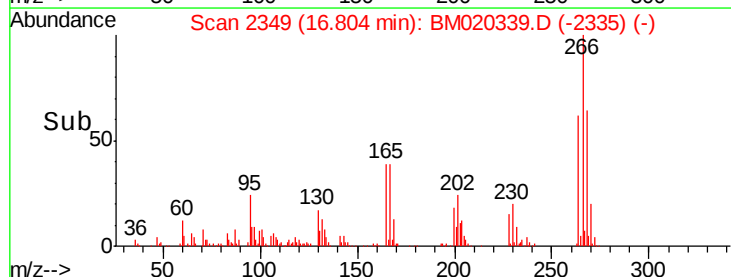
264 61.9 52.0 78.0

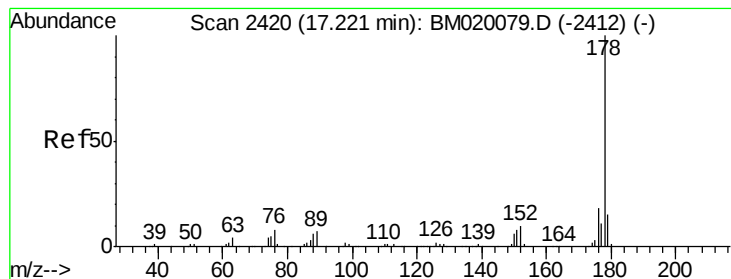


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.944 ng

RT: 17.20 min Scan# 2416

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA\_M

ClientSampleId :

PB119718BS

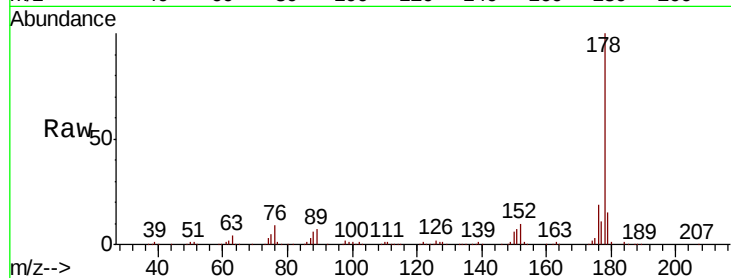
Tgt Ion:178 Resp: 756120

Ion Ratio Lower Upper

178 100

176 18.6 14.6 21.8

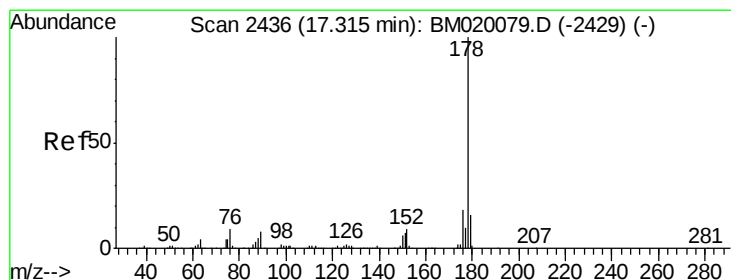
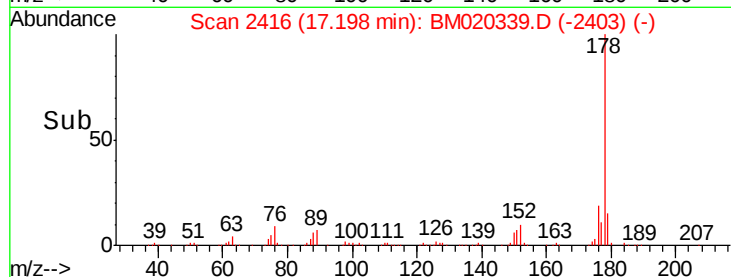
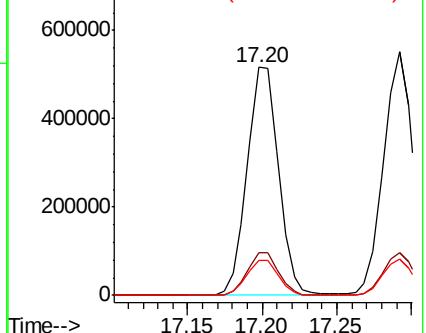
179 15.4 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.591 ng

RT: 17.29 min Scan# 2432

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

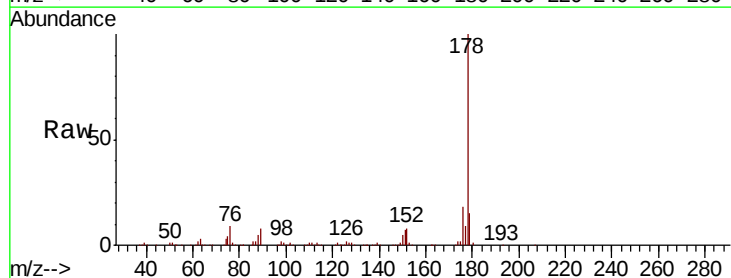
Tgt Ion:178 Resp: 768225

Ion Ratio Lower Upper

178 100

176 17.6 14.6 22.0

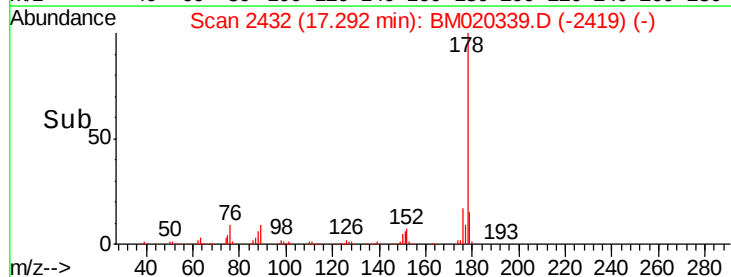
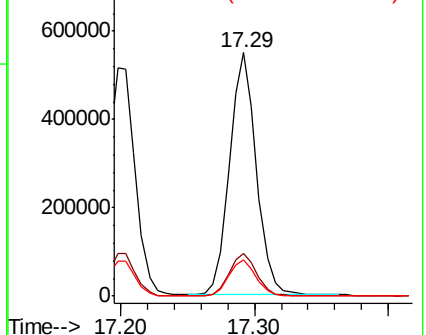
179 14.9 12.4 18.6

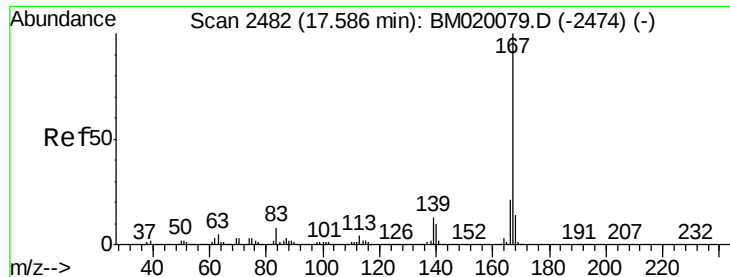


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

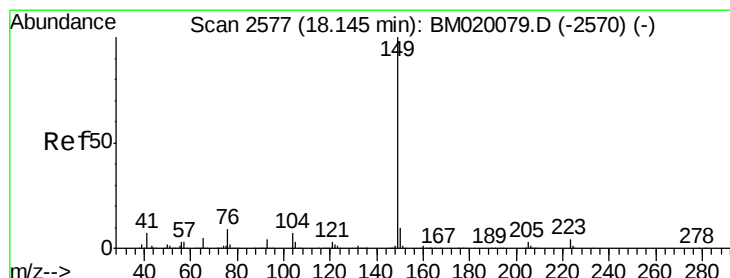
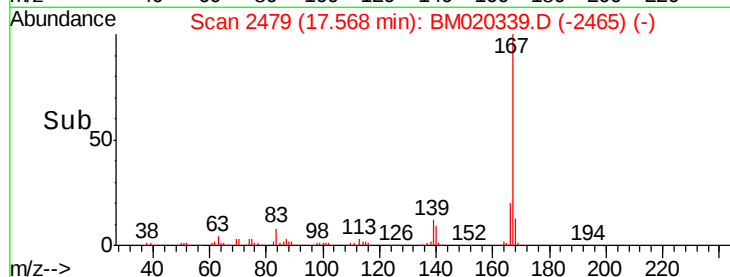
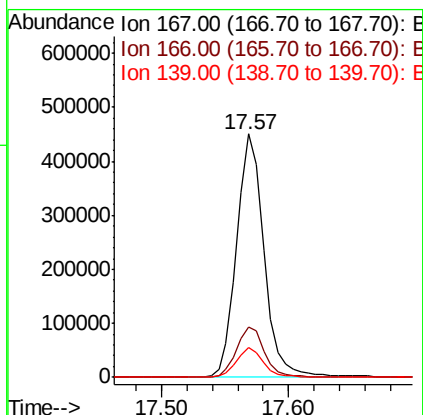
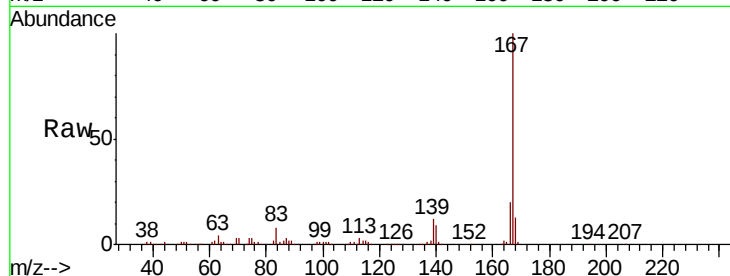




#73  
 Carbazole  
 Concen: 39.409 ng  
 RT: 17.57 min Scan# 2479  
 Delta R.T. -0.02 min  
 Lab File: BM020339.D  
 Acq: 14 May 2019 19:06

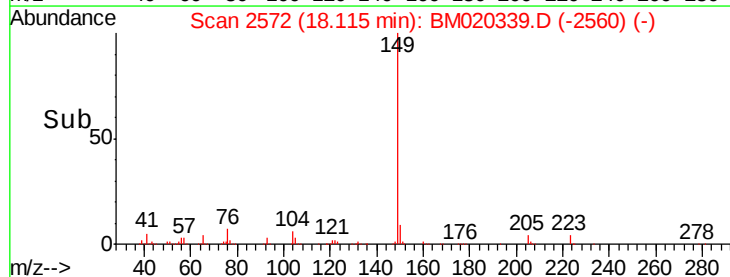
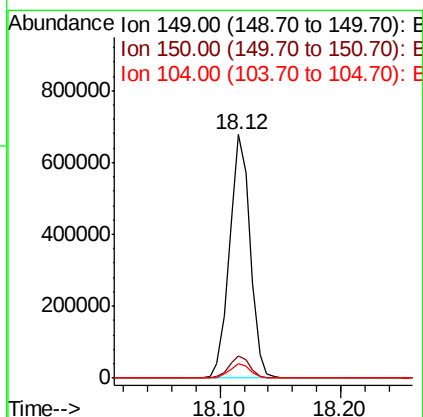
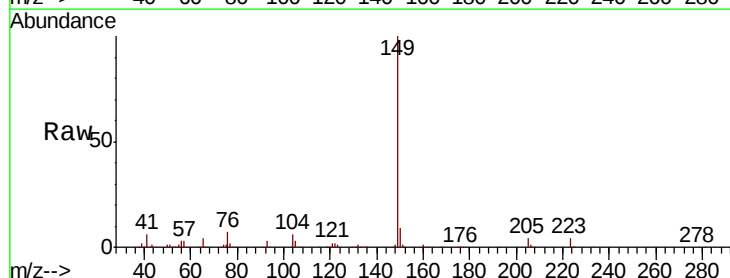
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB119718BS

Tgt Ion:167 Resp: 672989  
 Ion Ratio Lower Upper  
 167 100  
 166 20.5 17.0 25.6  
 139 12.1 10.6 16.0



#74  
 Di-n-butylphthalate  
 Concen: 39.293 ng  
 RT: 18.12 min Scan# 2572  
 Delta R.T. -0.03 min  
 Lab File: BM020339.D  
 Acq: 14 May 2019 19:06

Tgt Ion:149 Resp: 807529  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.8 11.6  
 104 6.0 5.7 8.5





#75

Fluoranthene

Concen: 40.689 ng

RT: 19.22 min Scan# 2760

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA\_M

ClientSampleId :

PB119718BS

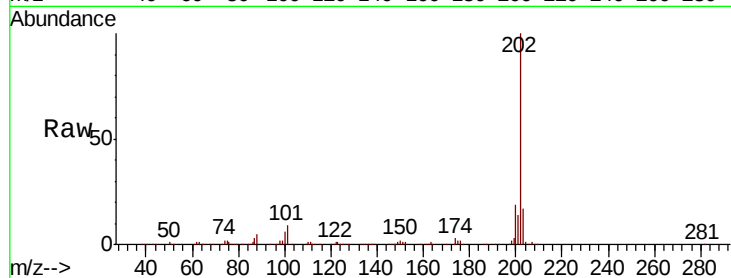
Tgt Ion:202 Resp: 974521

Ion Ratio Lower Upper

202 100

101 8.6 0.0 28.4

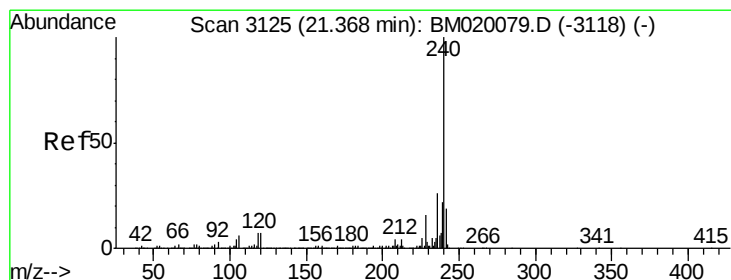
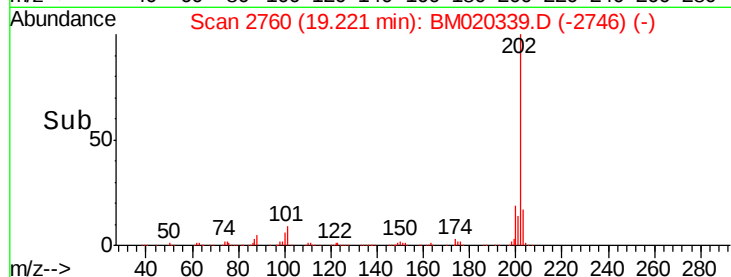
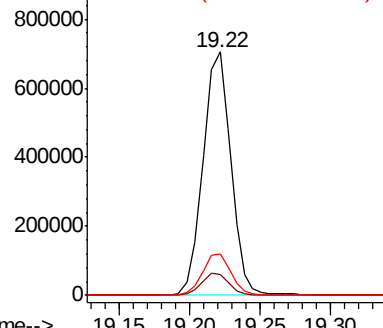
203 17.1 0.0 37.4



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: 21.35 min Scan# 3122

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

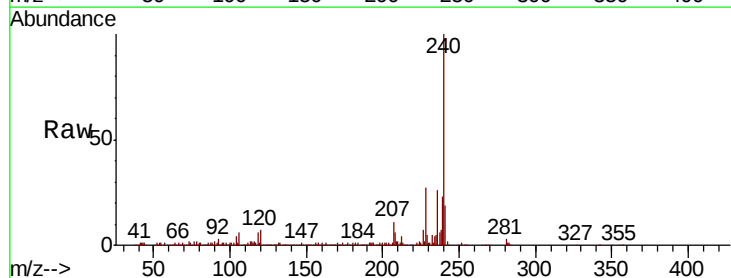
Tgt Ion:240 Resp: 373306

Ion Ratio Lower Upper

240 100

120 7.1 5.6 8.4

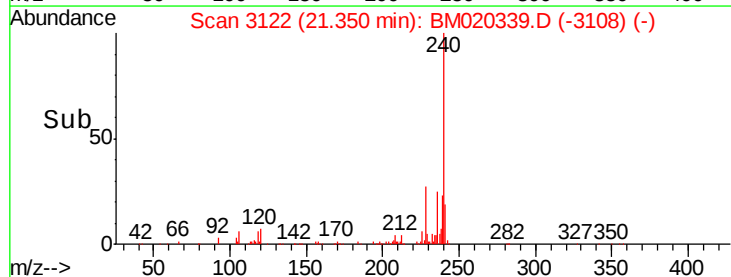
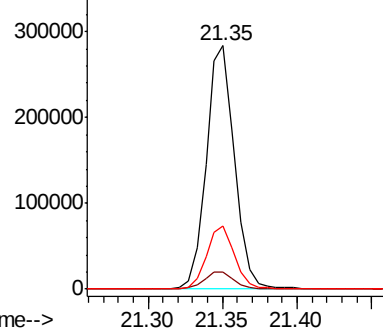
236 25.7 20.9 31.3

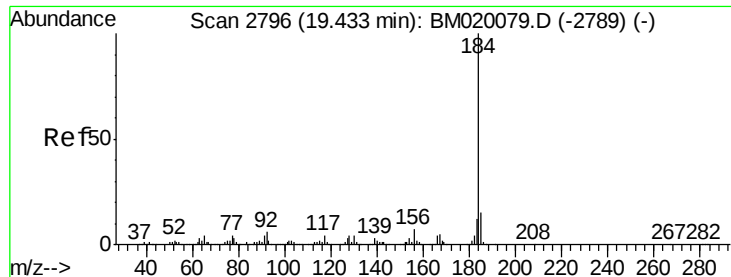


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 52.383 ng

RT: 19.42 min Scan# 2793

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA\_M

ClientSampleId :

PB119718BS

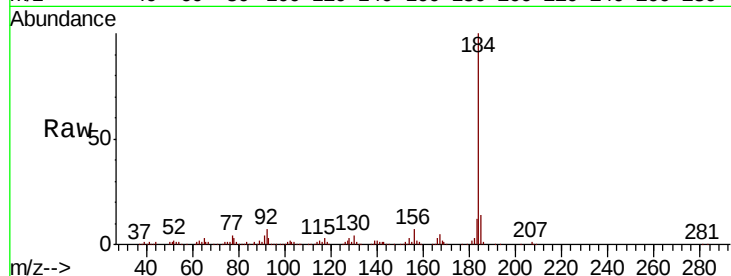
Tgt Ion:184 Resp: 625184

Ion Ratio Lower Upper

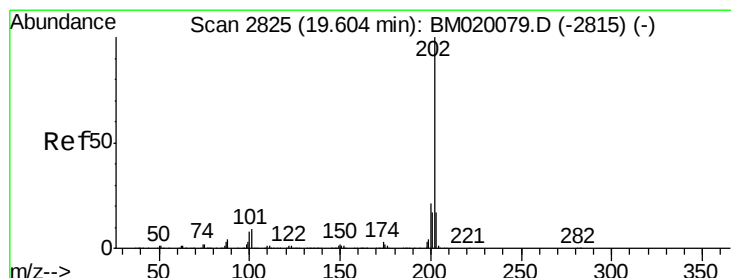
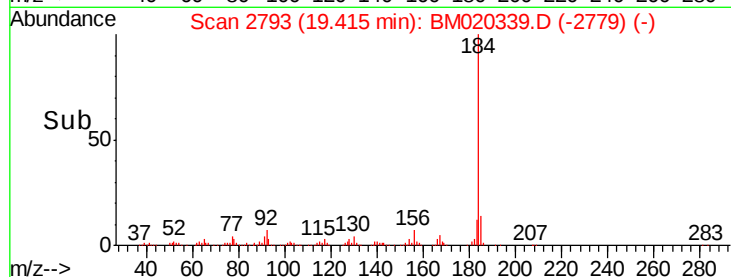
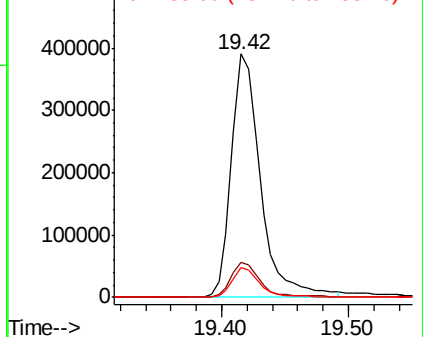
184 100

185 14.4 12.0 18.0

183 12.0 9.5 14.3



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: 39.929 ng

RT: 19.59 min Scan# 2822

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

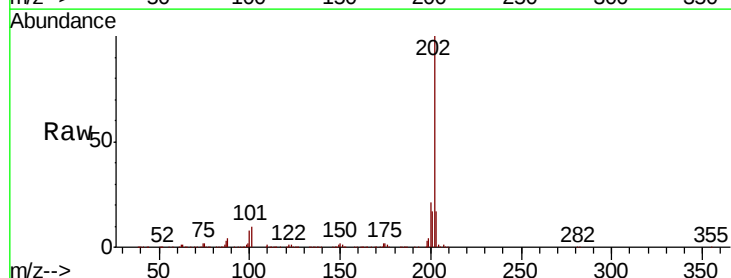
Tgt Ion:202 Resp: 1000757

Ion Ratio Lower Upper

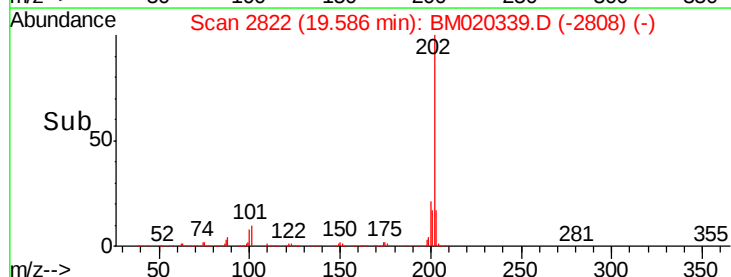
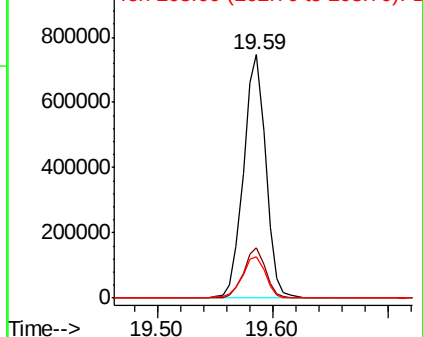
202 100

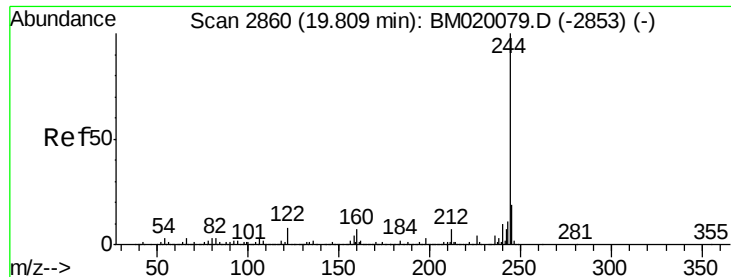
200 20.6 16.5 24.7

203 17.1 13.9 20.9



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: 70.104 ng

RT: 19.79 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA\_M

ClientSampleId :

PB119718BS

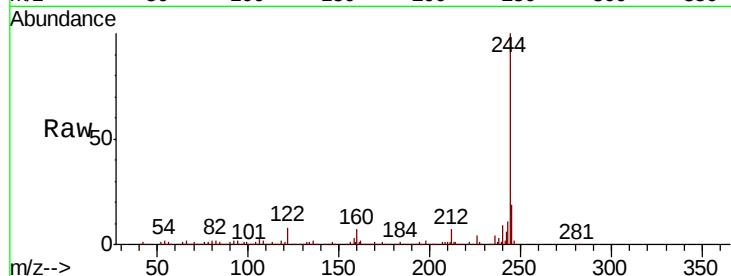
Tgt Ion:244 Resp: 1500407

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

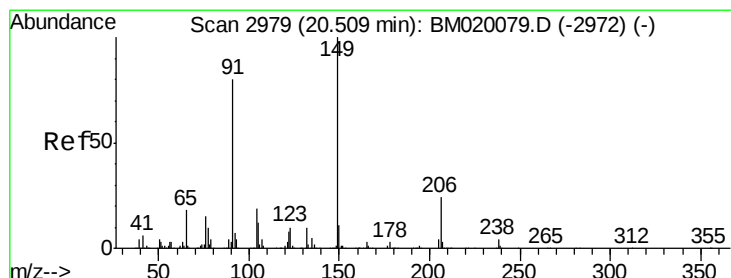
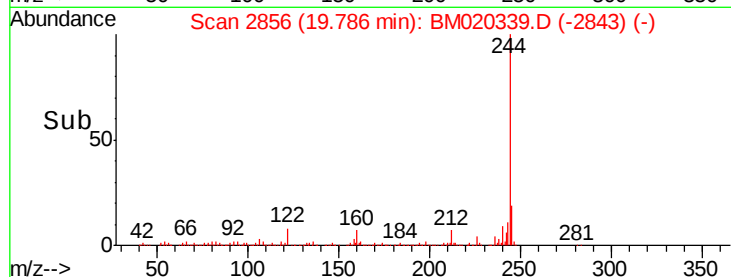
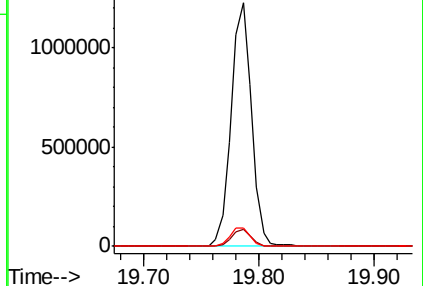
122 7.5 6.2 9.2



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: 42.567 ng

RT: 20.48 min Scan# 2974

Delta R.T. -0.03 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

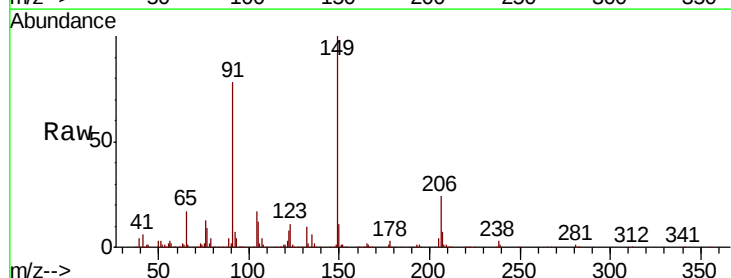
Tgt Ion:149 Resp: 387967

Ion Ratio Lower Upper

149 100

91 78.3 63.8 95.8

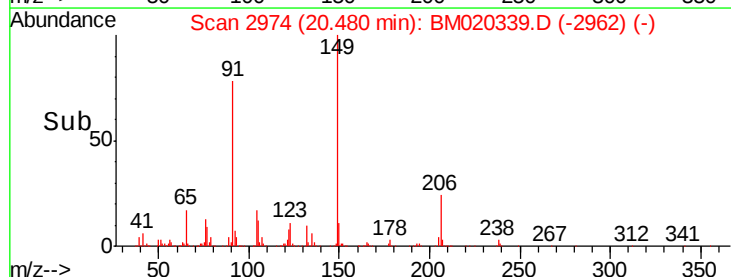
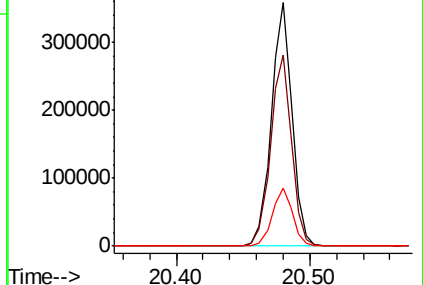
206 23.6 18.9 28.3

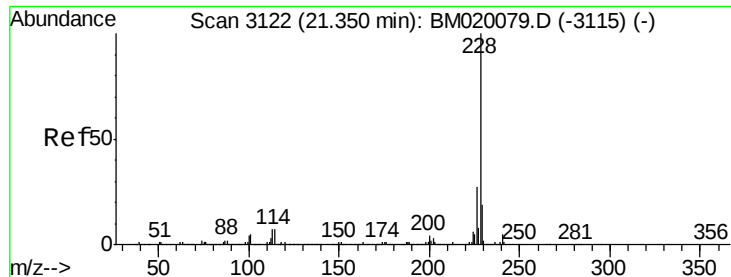


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.942 ng

RT: 21.33 min Scan# 3119

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA\_M

ClientSampleId :

PB119718BS

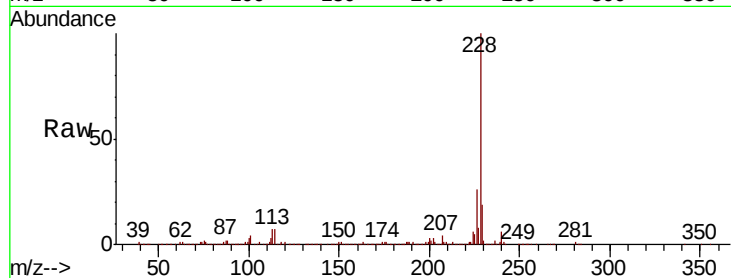
Tgt Ion:228 Resp: 993313

Ion Ratio Lower Upper

228 100

226 26.1 21.3 31.9

229 19.4 15.5 23.3

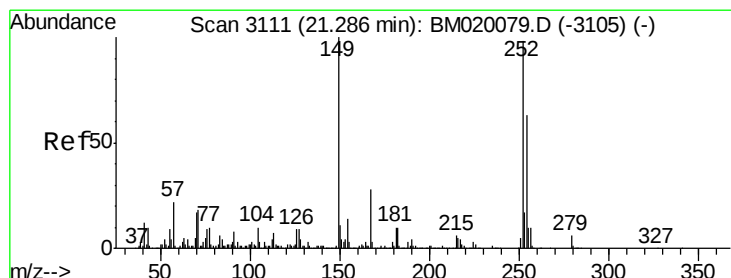
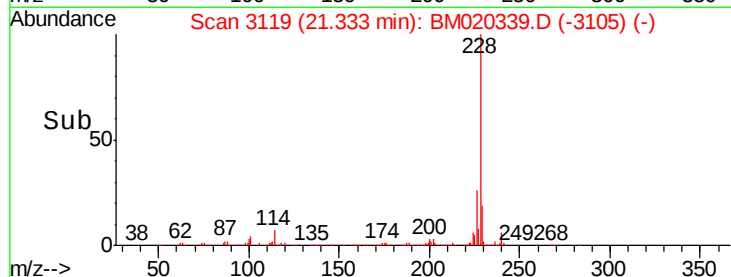
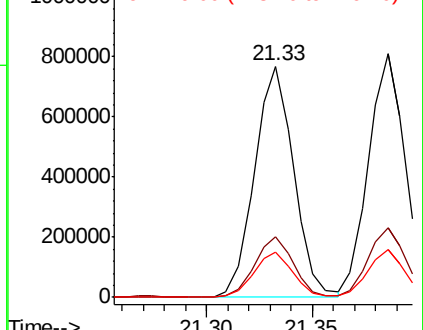


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.320 ng

RT: 21.27 min Scan# 3108

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

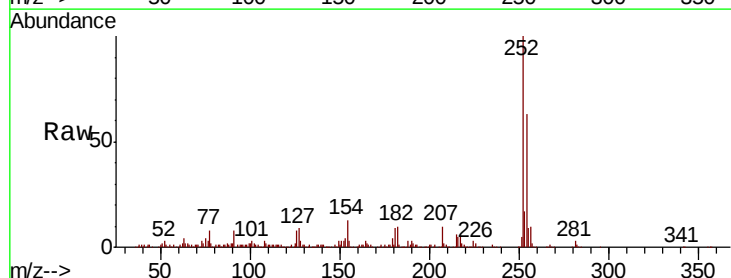
Tgt Ion:252 Resp: 362907

Ion Ratio Lower Upper

252 100

254 63.2 51.1 76.7

126 8.3 7.1 10.7

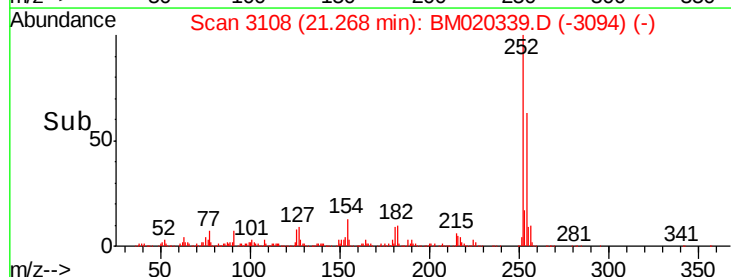
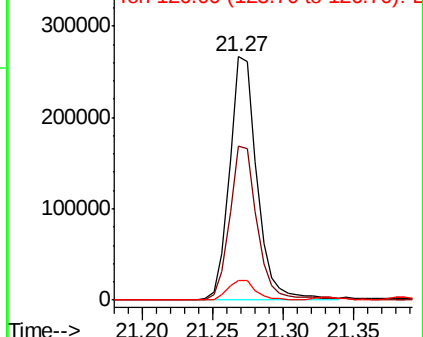


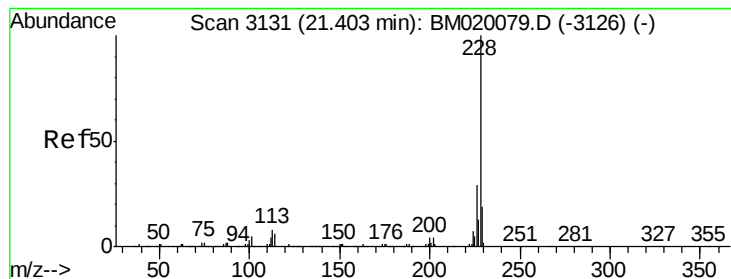
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.755 ng

RT: 21.39 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA\_M

ClientSampleId :

PB119718BS

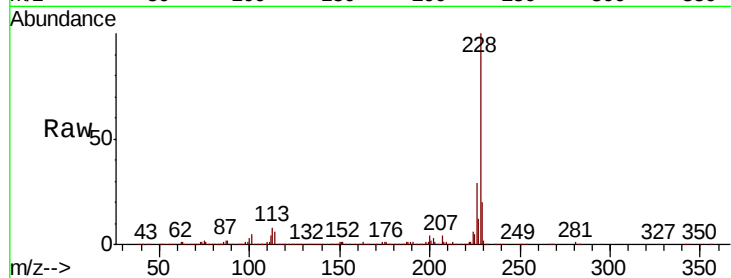
Tgt Ion:228 Resp: 983984

Ion Ratio Lower Upper

228 100

226 28.7 23.0 34.6

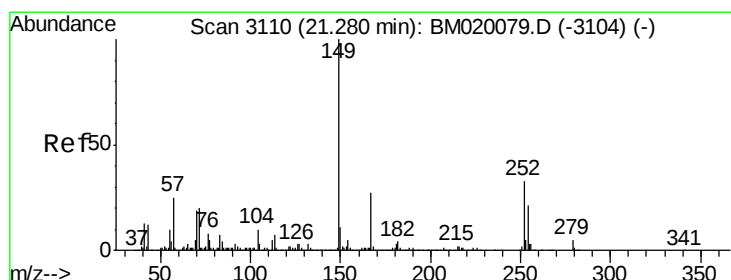
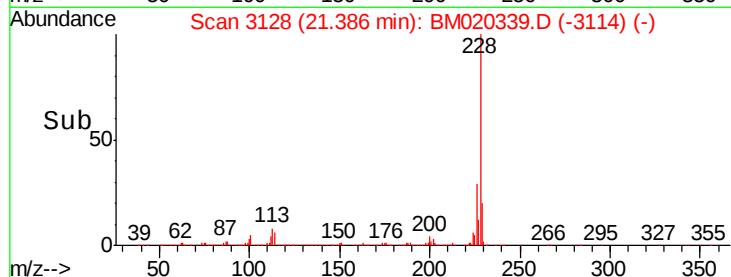
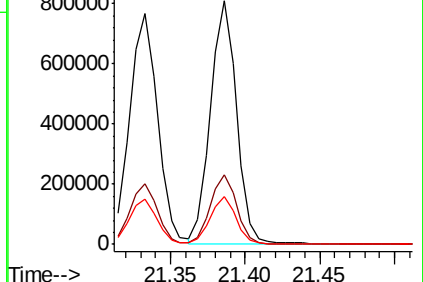
229 19.6 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.996 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.04 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

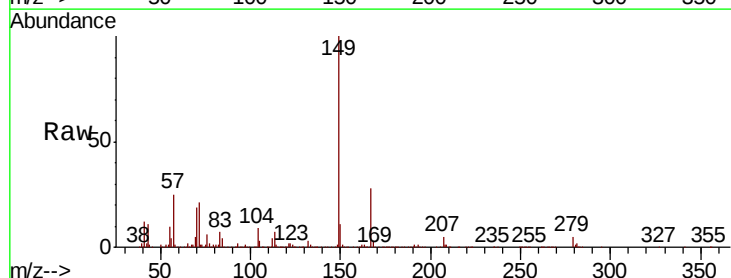
Tgt Ion:149 Resp: 565672

Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.8

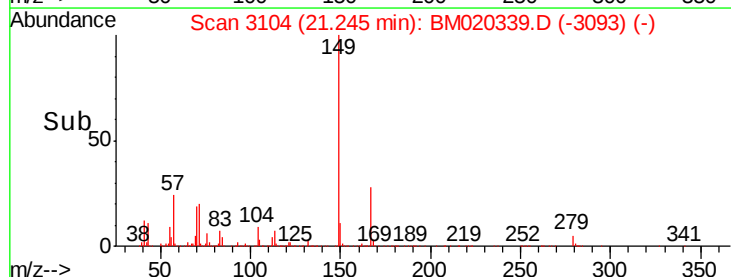
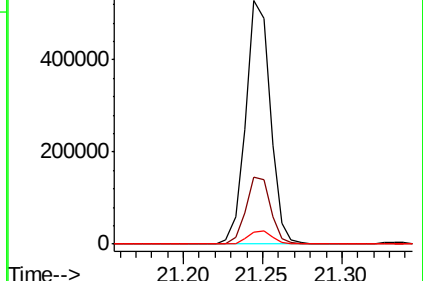
279 4.9 4.2 6.2

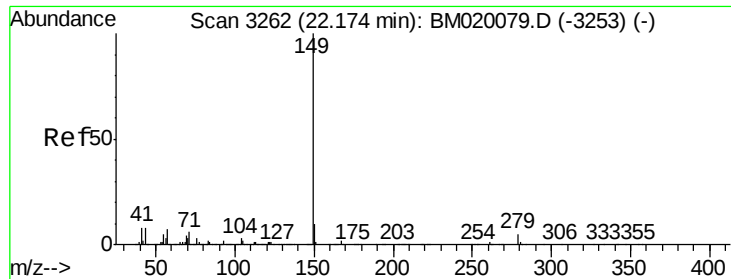


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.053 ng

RT: 22.14 min Scan# 3256

Delta R.T. -0.04 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA\_M

ClientSampleId :

PB119718BS

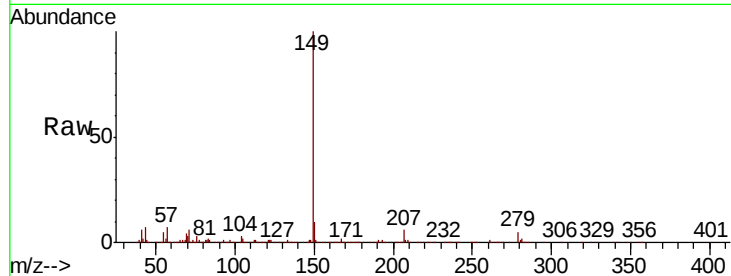
Tgt Ion:149 Resp: 988515

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

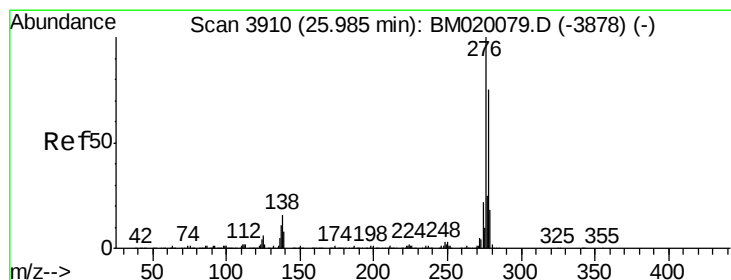
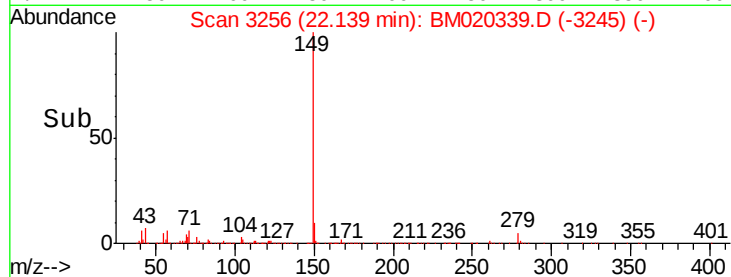
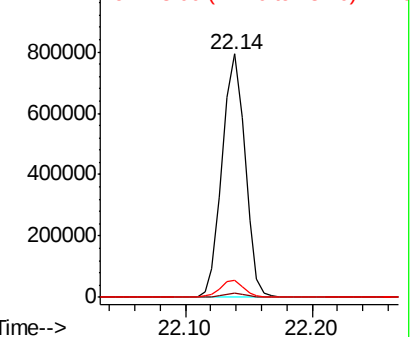
43 6.8 6.5 9.7



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: 41.339 ng

RT: 25.96 min Scan# 3906

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

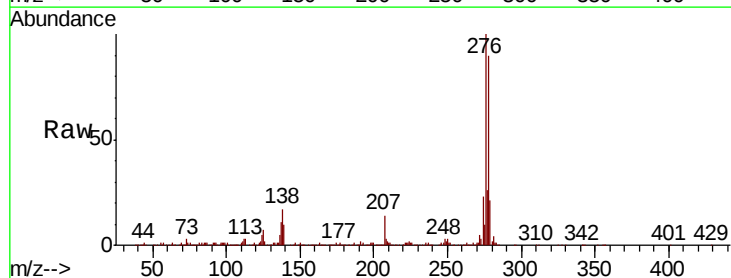
Tgt Ion:276 Resp: 1248458

Ion Ratio Lower Upper

276 100

138 16.8 0.0 0.0#

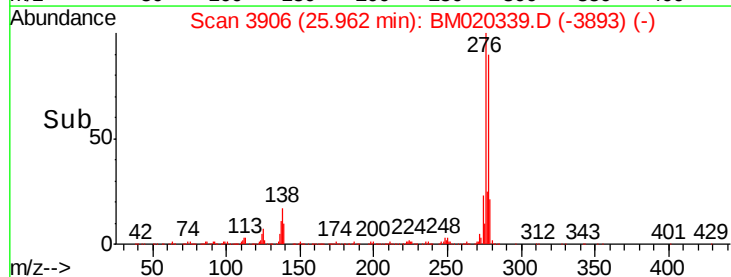
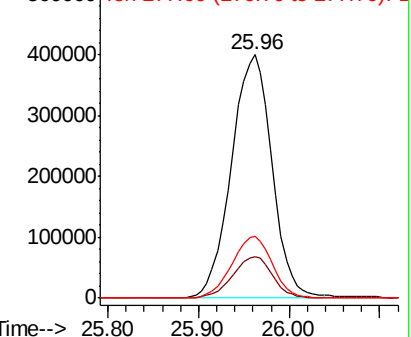
277 25.4 0.0 0.0#

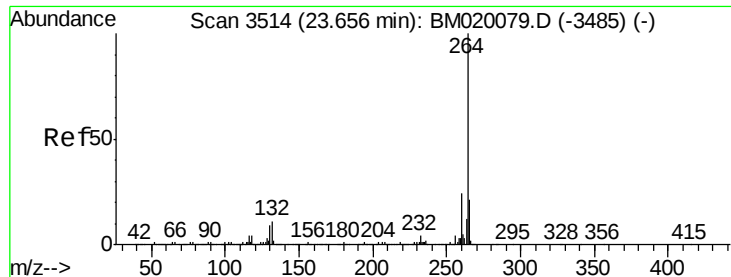


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



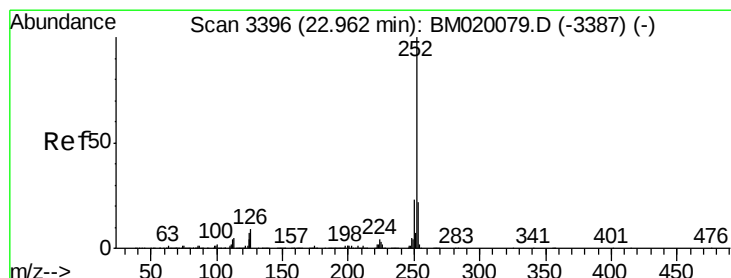
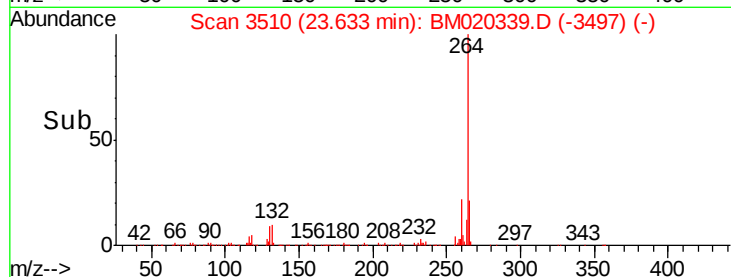
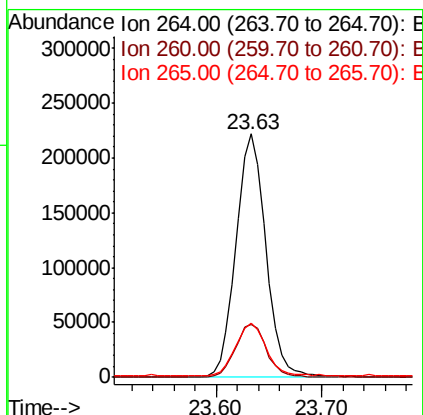
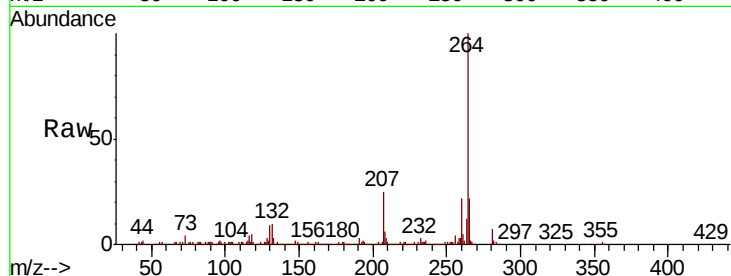


#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.63 min Scan# 3510  
Delta R.T. -0.02 min  
Lab File: BM020339.D  
Acq: 14 May 2019 19:06

Instrument :  
BNA\_M  
ClientSampleId :  
PB119718BS

Tgt Ion: 264 Resp: 435002  

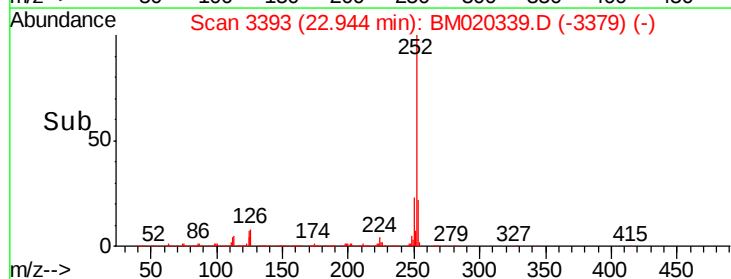
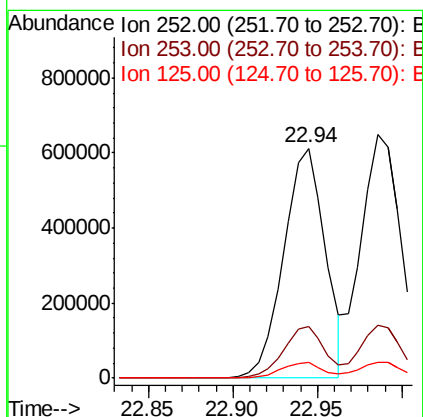
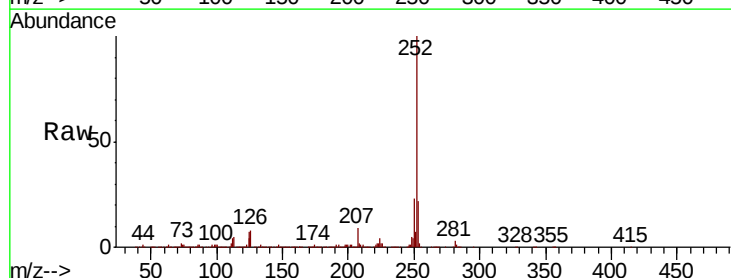
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 21.8  | 19.2  | 28.8  |
| 265 | 22.1  | 16.9  | 25.3  |

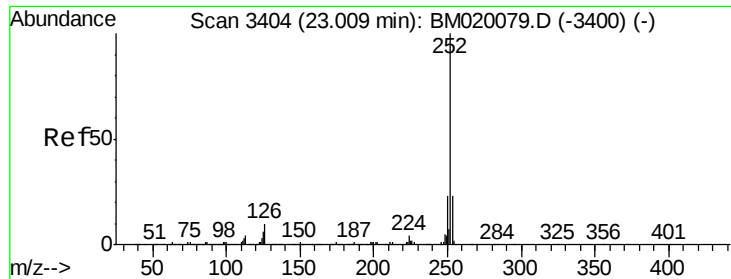


#88  
Benzo(b)fluoranthene  
Concen: 36.339 ng  
RT: 22.94 min Scan# 3393  
Delta R.T. -0.02 min  
Lab File: BM020339.D  
Acq: 14 May 2019 19:06

Tgt Ion: 252 Resp: 1043841  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.5  | 17.5  | 26.3  |
| 125 | 6.7   | 5.4   | 8.2   |





#89

Benzo(k)fluoranthene

Concen: 40.966 ng

RT: 22.99 min Scan# 3400

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA\_M

ClientSampleId :

PB119718BS

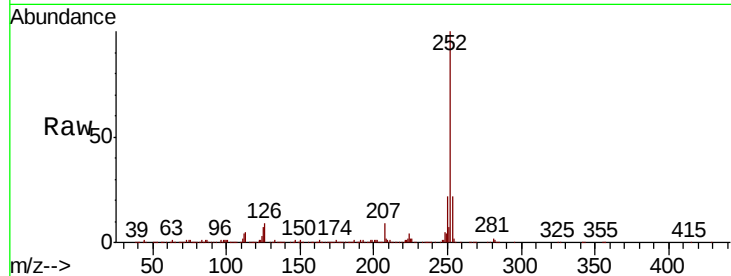
Tgt Ion:252 Resp: 1073422

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

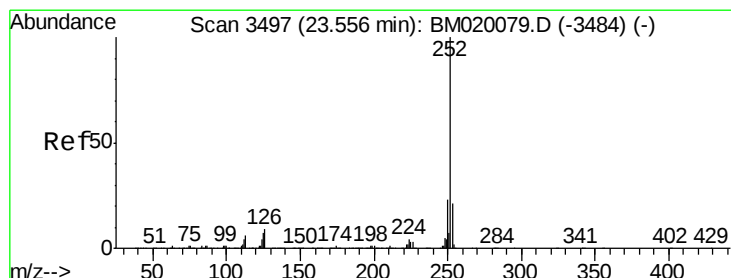
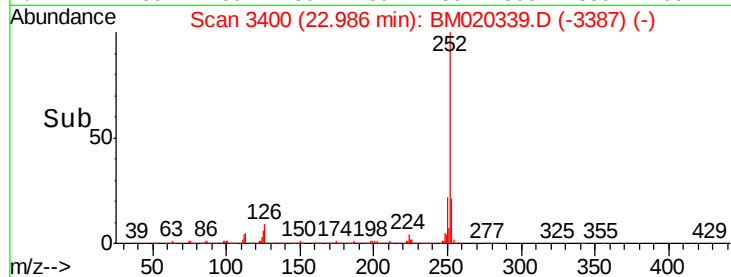
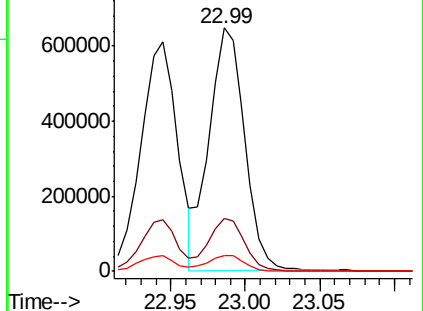
125 6.6 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.776 ng

RT: 23.53 min Scan# 3493

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

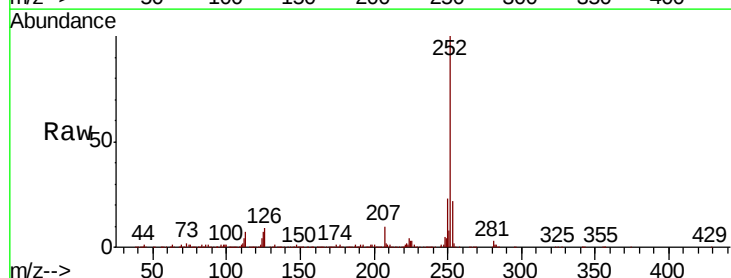
Tgt Ion:252 Resp: 1037824

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

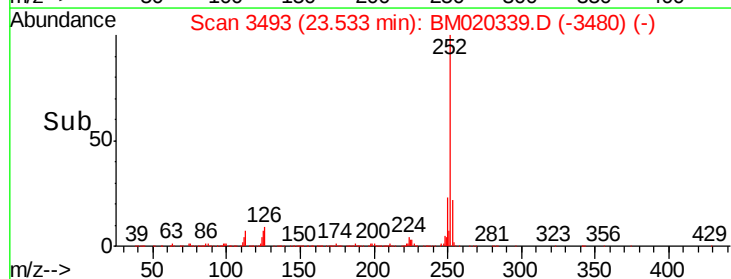
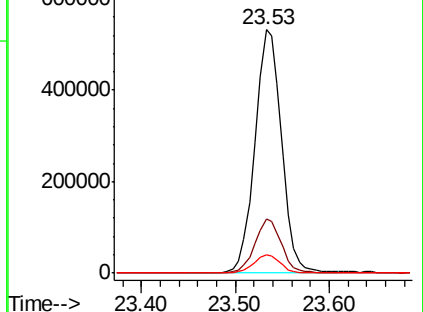
125 7.4 5.5 8.3

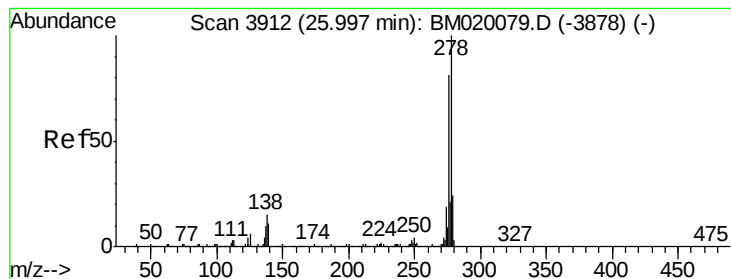


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.550 ng

RT: 25.97 min Scan# 3907

Delta R.T. -0.03 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA\_M

ClientSampleId :

PB119718BS

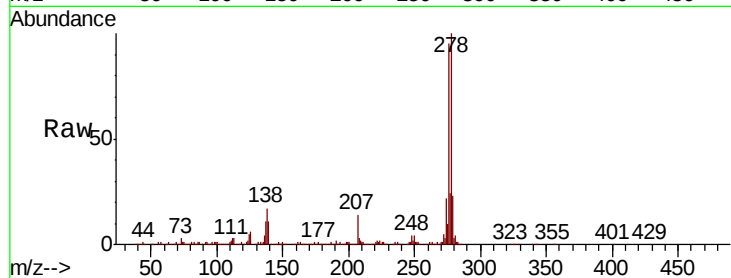
Tgt Ion:278 Resp: 1073167

Ion Ratio Lower Upper

278 100

139 10.7 8.6 13.0

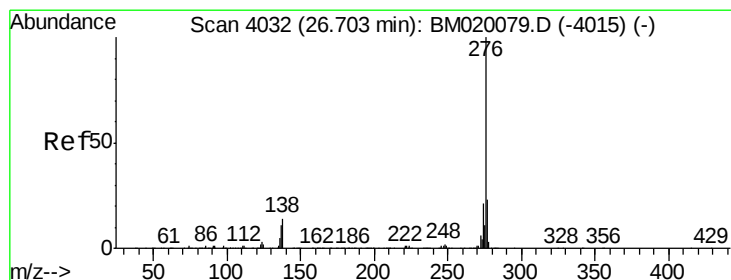
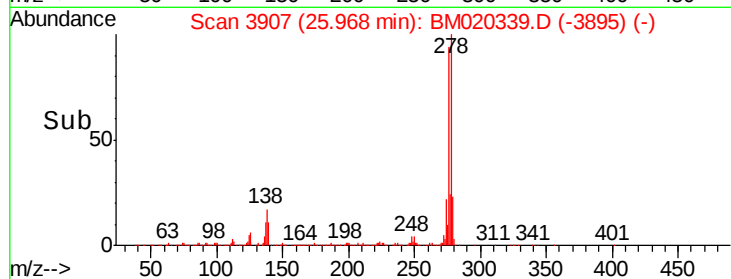
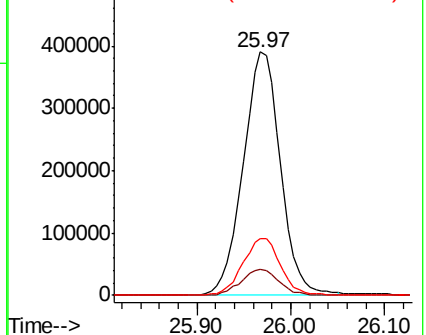
279 23.5 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.260 ng

RT: 26.67 min Scan# 4027

Delta R.T. -0.03 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

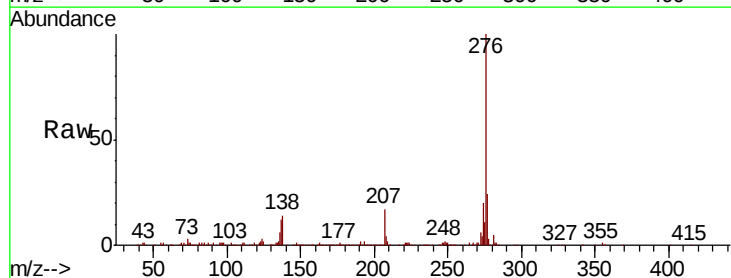
Tgt Ion:276 Resp: 1037160

Ion Ratio Lower Upper

276 100

277 23.6 18.4 27.6

138 13.7 11.1 16.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

