

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\  
 Data File : BM027176.D  
 Acq On : 21 Aug 2020 19:03  
 Operator : JU/CG  
 Sample : PB131109BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB131109BS

Quant Time: Aug 24 10:43:12 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 24 10:33:46 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 65424    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.39 | 136  | 249109   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.25 | 164  | 180768   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.00 | 188  | 421297   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.19 | 240  | 429376   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.38 | 264  | 416713   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.23  | 112 | 370167  | 110.30 | ng | 0.00 |
| 7) Phenol-d6             | 6.80  | 99  | 473908  | 102.85 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.76  | 82  | 540021  | 89.44  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.75 | 330 | 280387  | 95.79  | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 12.87 | 172 | 1226626 | 89.14  | ng | 0.00 |
| 79) Terphenyl-d14        | 19.63 | 244 | 1654519 | 71.98  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.20  | 88  | 57672  | 35.960 | ng | 96     |
| 3) Pyridine                    | 3.59  | 79  | 127836 | 28.394 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.49  | 42  | 75696  | 38.541 | ng | # 90   |
| 6) Aniline                     | 6.95  | 93  | 182462 | 34.857 | ng | 97     |
| 8) 2-Chlorophenol              | 7.19  | 128 | 146140 | 41.845 | ng | 99     |
| 9) Benzaldehyde                | 6.76  | 77  | 103557 | 32.824 | ng | 91     |
| 10) Phenol                     | 6.82  | 94  | 177540 | 40.429 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.05  | 93  | 139638 | 38.901 | ng | 93     |
| 12) 1,3-Dichlorobenzene        | 7.50  | 146 | 179597 | 36.744 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.65  | 146 | 183727 | 37.255 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.96  | 146 | 173761 | 37.150 | ng | 98     |
| 15) Benzyl Alcohol             | 7.85  | 79  | 160835 | 38.401 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.15  | 45  | 100641 | 34.947 | ng | 98     |
| 17) 2-Methylphenol             | 8.06  | 107 | 119667 | 39.383 | ng | 98     |
| 18) Hexachloroethane           | 8.69  | 117 | 75976  | 37.963 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 8.42  | 70  | 131184 | 37.090 | ng | 97     |
| 20) 3+4-Methylphenols          | 8.38  | 107 | 158324 | 38.939 | ng | 96     |
| 22) Acetophenone               | 8.43  | 105 | 232303 | 34.698 | ng | 99     |
| 24) Nitrobenzene               | 8.80  | 77  | 218417 | 35.739 | ng | 98     |
| 25) Isophorone                 | 9.33  | 82  | 325043 | 36.753 | ng | 100    |
| 26) 2-Nitrophenol              | 9.50  | 139 | 72303  | 37.903 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 9.57  | 122 | 131979 | 44.559 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 9.81  | 93  | 191883 | 35.555 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.04 | 162 | 160634 | 38.888 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.25 | 180 | 193310 | 35.649 | ng | 99     |
| 31) Naphthalene                | 10.43 | 128 | 465712 | 36.885 | ng | 99     |
| 32) Benzoic acid               | 9.70  | 122 | 68606  | 29.813 | ng | 98     |
| 33) 4-Chloroaniline            | 10.55 | 127 | 98192  | 18.825 | ng | 98     |
| 34) Hexachlorobutadiene        | 10.73 | 225 | 134706 | 37.228 | ng | 98     |
| 35) Caprolactam                | 11.31 | 113 | 35526  | 31.727 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 11.67 | 107 | 156684 | 36.695 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.05 | 142 | 360909 | 37.746 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.27 | 142 | 341531 | 37.117 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.43 | 216 | 234393 | 36.818 | ng | # 98   |

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 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

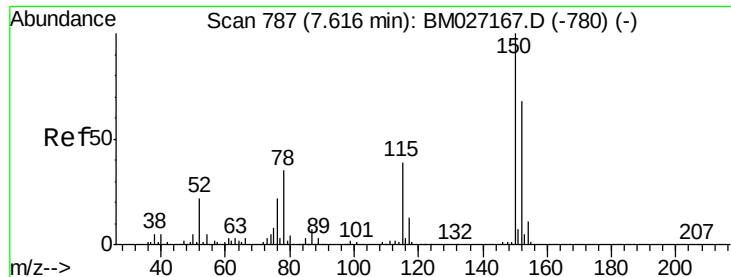
Instrument :  
 BNA\_M  
 ClientSampleId :  
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Quant Time: Aug 24 10:43:12 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 24 10:33:46 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.42 | 237  | 348918   | 99.156 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 12.67 | 196  | 137005   | 34.853 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 12.75 | 196  | 149575   | 35.882 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.08 | 154  | 493700   | 36.439 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.12 | 162  | 390724   | 33.824 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.32 | 65   | 119401   | 32.387 | ng    | 97       |
| 49) Acenaphthylene             | 13.97 | 152  | 597416   | 37.188 | ng    | 99       |
| 50) Dimethylphthalate          | 13.72 | 163  | 484058   | 32.983 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 13.82 | 165  | 101626   | 34.825 | ng    | 93       |
| 52) Acenaphthene               | 14.32 | 154  | 366508   | 35.939 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.15 | 138  | 61572    | 21.877 | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 14.36 | 184  | 109045   | 71.570 | ng    | 97       |
| 55) Dibenzofuran               | 14.65 | 168  | 624895   | 36.784 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.47 | 139  | 161669   | 71.980 | ng    | 93       |
| 57) 2,4-Dinitrotoluene         | 14.62 | 165  | 145800   | 35.962 | ng    | 99       |
| 58) Fluorene                   | 15.30 | 166  | 507026   | 36.151 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.88 | 232  | 150160   | 36.774 | ng    | 100      |
| 60) Diethylphthalate           | 15.09 | 149  | 497940   | 34.200 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.30 | 204  | 284553   | 35.325 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.32 | 138  | 96999    | 30.712 | ng    | 97       |
| 63) Azobenzene                 | 15.60 | 77   | 557348   | 37.312 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.39 | 198  | 75239    | 36.363 | ng    | 95       |
| 66) n-Nitrosodiphenylamine     | 15.52 | 169  | 442047   | 36.943 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.20 | 248  | 178941   | 35.179 | ng    | 97       |
| 68) Hexachlorobenzene          | 16.31 | 284  | 207654   | 34.376 | ng    | 99       |
| 69) Atrazine                   | 16.47 | 200  | 141343   | 31.200 | ng    | 99       |
| 70) Pentachlorophenol          | 16.65 | 266  | 252737   | 77.354 | ng    | 100      |
| 71) Phenanthrene               | 17.04 | 178  | 822127   | 35.103 | ng    | 99       |
| 72) Anthracene                 | 17.13 | 178  | 844693   | 37.728 | ng    | 98       |
| 73) Carbazole                  | 17.40 | 167  | 723426   | 35.128 | ng    | 98       |
| 74) Di-n-butylphthalate        | 17.98 | 149  | 815652   | 34.292 | ng    | 100      |
| 75) Fluoranthene               | 19.06 | 202  | 965978   | 33.018 | ng    | 99       |
| 77) Benzidine                  | 19.24 | 184  | 464243   | 62.332 | ng    | 99       |
| 78) Pyrene                     | 19.42 | 202  | 1007151  | 38.548 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.34 | 149  | 344029   | 36.025 | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.17 | 228  | 991177   | 35.624 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.12 | 252  | 264482   | 27.276 | ng    | 99       |
| 83) Chrysene                   | 21.23 | 228  | 960652   | 35.550 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.13 | 149  | 497144   | 36.578 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.00 | 149  | 803849   | 35.848 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 25.56 | 276  | 1159145  | 35.540 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 22.73 | 252  | 994041   | 35.772 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.77 | 252  | 977493   | 35.929 | ng    | 100      |
| 90) Benzo(a)pyrene             | 23.29 | 252  | 887651   | 34.992 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.57 | 278  | 971185   | 35.778 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 26.23 | 276  | 987685   | 37.767 | ng    | 99       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.62 min Scan# 787

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA\_M

ClientSampleId :

PB131109BS

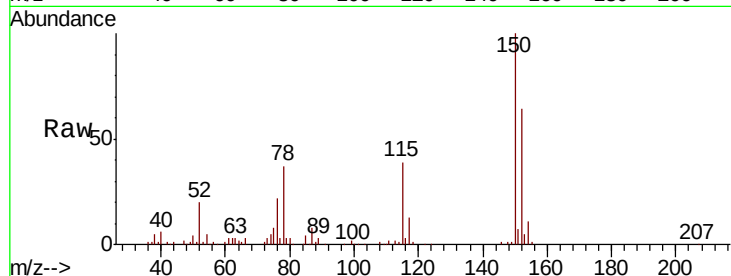
Tot Ion:152 Resp: 65424

Ion Ratio Lower Upper

152 100

150 156.6 118.2 177.4

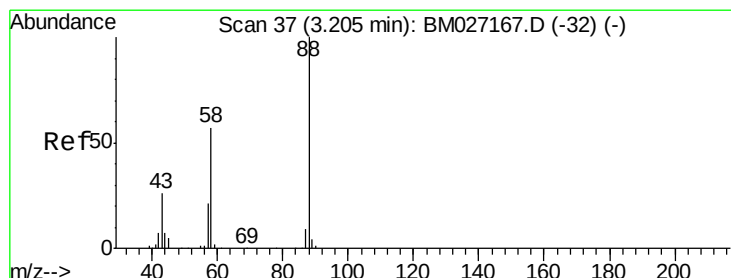
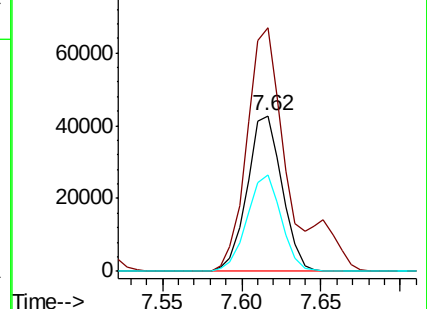
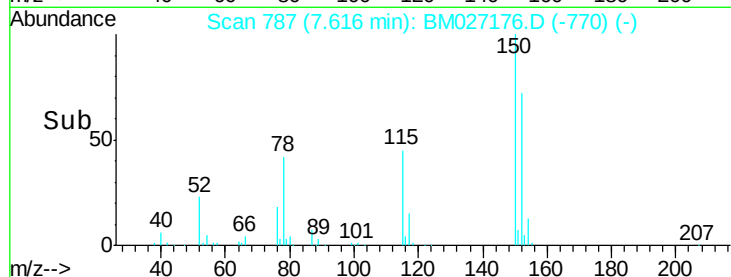
115 61.8 46.1 69.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.960 ng

RT: 3.20 min Scan# 37

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

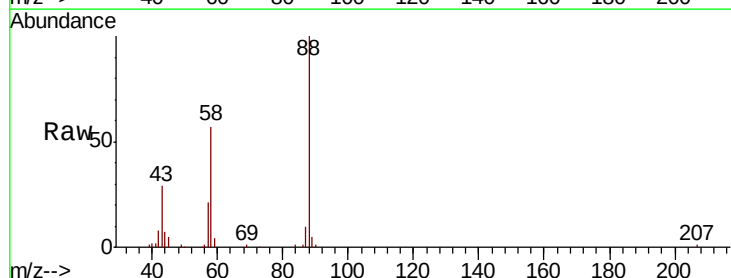
Tgt Ion: 88 Resp: 57672

Ion Ratio Lower Upper

88 100

58 60.0 46.2 69.2

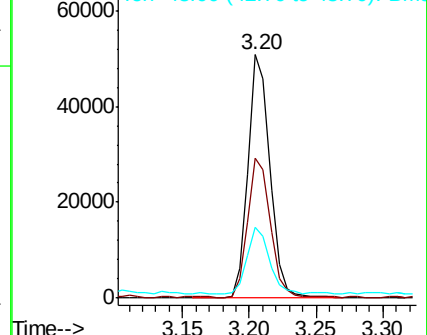
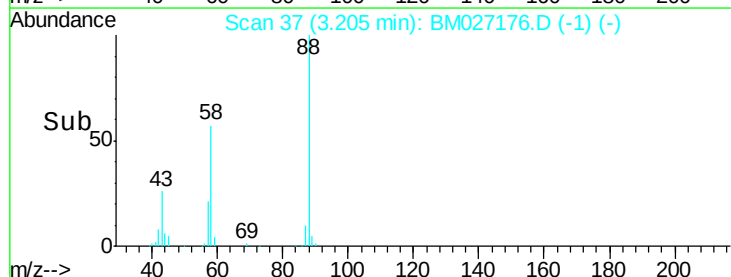
43 28.2 20.0 30.0

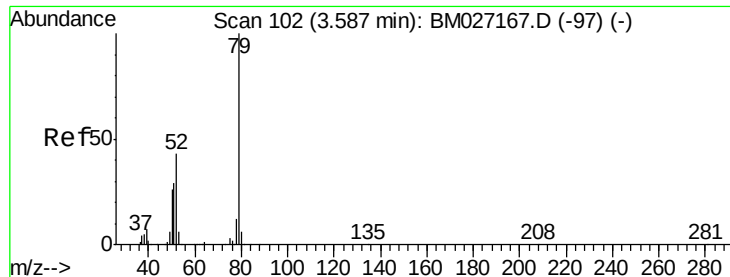


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 28.394 ng

RT: 3.59 min Scan# 102

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA\_M

ClientSampleId :

PB131109BS

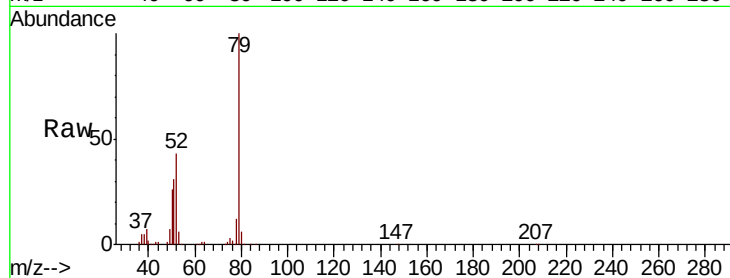
Tot Ion: 79 Resp: 127836

Ion Ratio Lower Upper

79 100

52 42.9 34.8 52.2

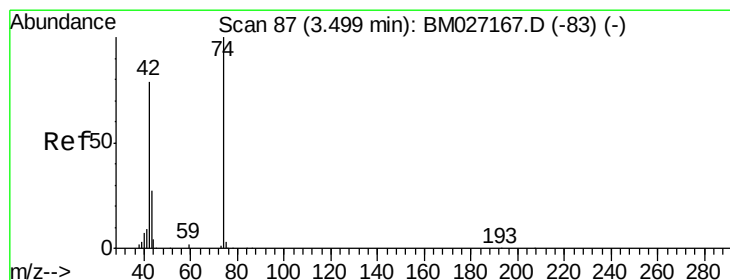
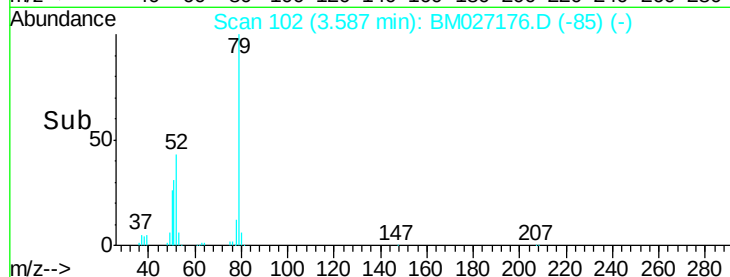
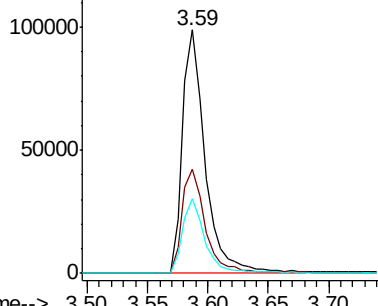
51 30.5 23.7 35.5



Abundance Ion 79.00 (78.70 to 79.70): BM027176.D (-97) (-)

Ion 52.00 (51.70 to 52.70): BM027176.D (-97) (-)

Ion 51.00 (50.70 to 51.70): BM027176.D (-97) (-)



#4

n-Nitrosodimethylamine

Concen: 38.541 ng

RT: 3.49 min Scan# 86

Delta R.T. -0.01 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

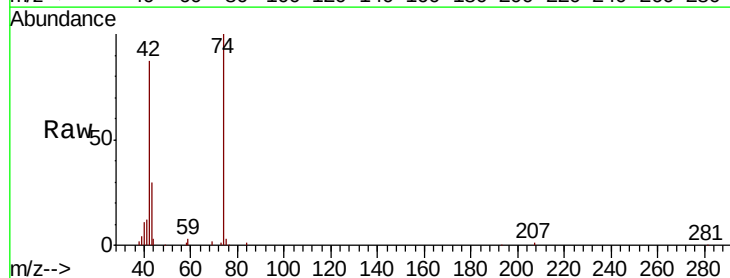
Tgt Ion: 42 Resp: 75696

Ion Ratio Lower Upper

42 100

74 114.7 101.0 151.4

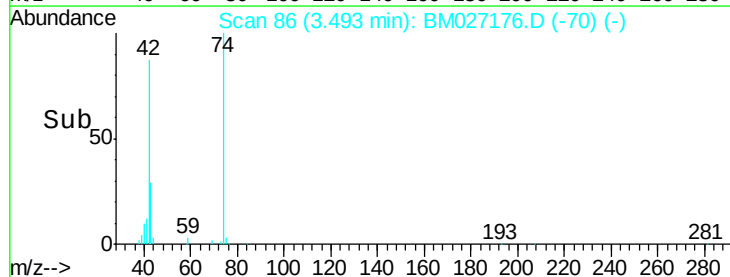
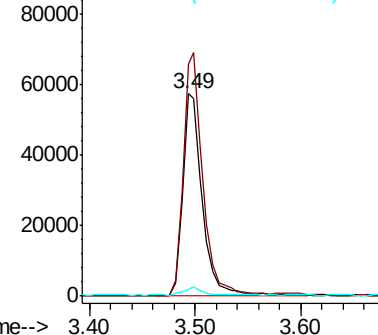
44 3.4 3.8 5.8#

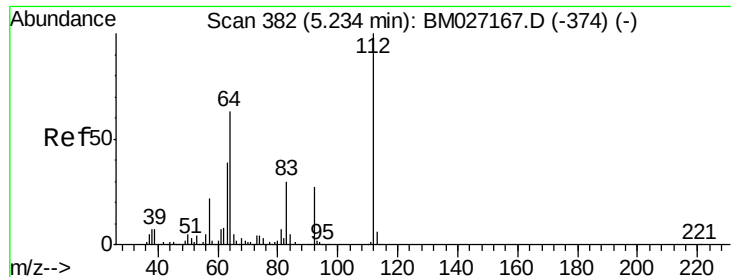


Abundance Ion 42.00 (41.70 to 42.70): BM027176.D (-83) (-)

Ion 74.00 (73.70 to 74.70): BM027176.D (-83) (-)

Ion 44.00 (43.70 to 44.70): BM027176.D (-83) (-)





#5

2-Fluorophenol

Concen: 110.299 ng

RT: 5.23 min Scan# 382

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

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ClientSampleId :

PB131109BS

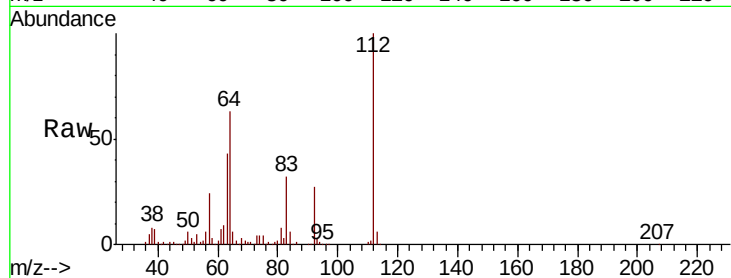
Tot Ion:112 Resp: 370167

Ion Ratio Lower Upper

112 100

64 63.5 50.0 75.0

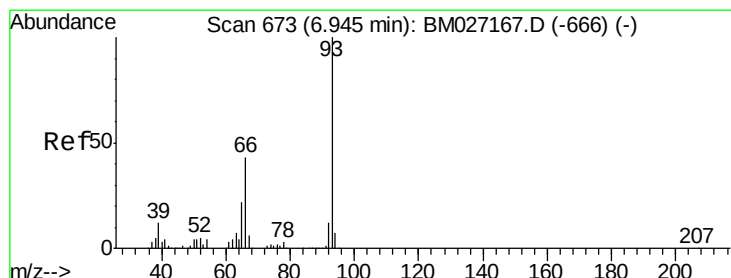
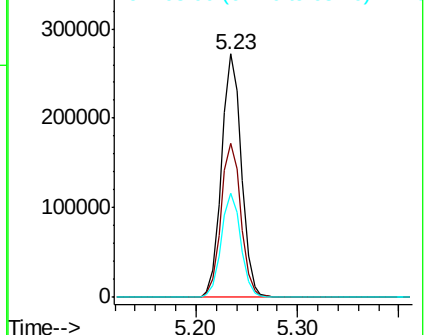
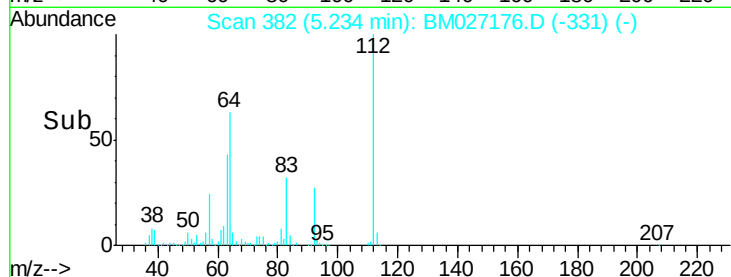
63 42.8 31.6 47.4



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: 34.857 ng

RT: 6.95 min Scan# 673

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

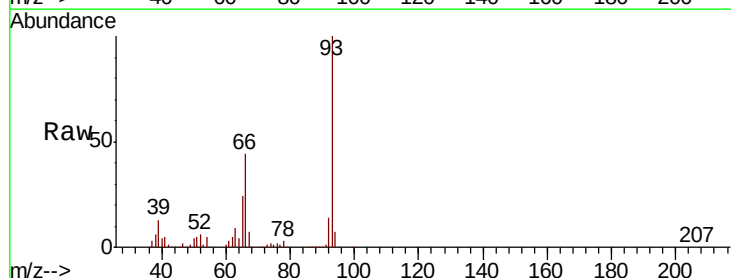
Tgt Ion: 93 Resp: 182462

Ion Ratio Lower Upper

93 100

66 44.5 34.2 51.2

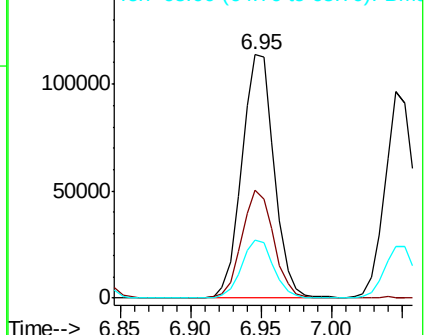
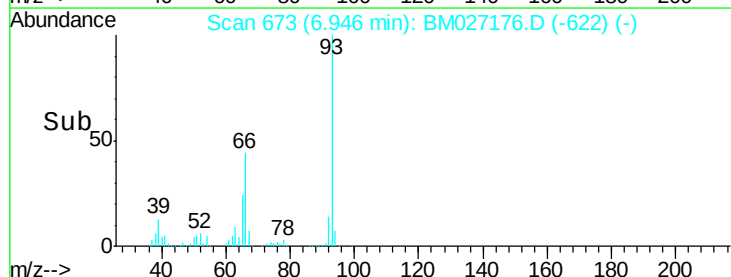
65 23.8 17.5 26.3

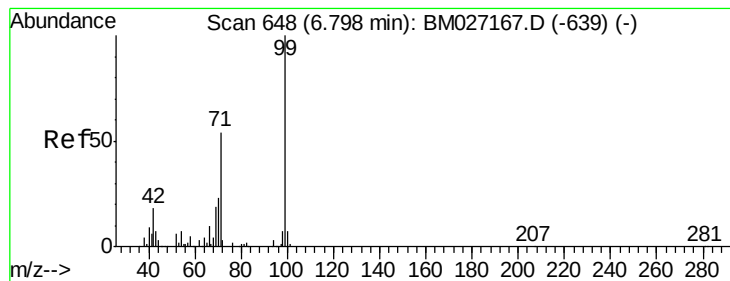


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 102.848 ng

RT: 6.80 min Scan# 648

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

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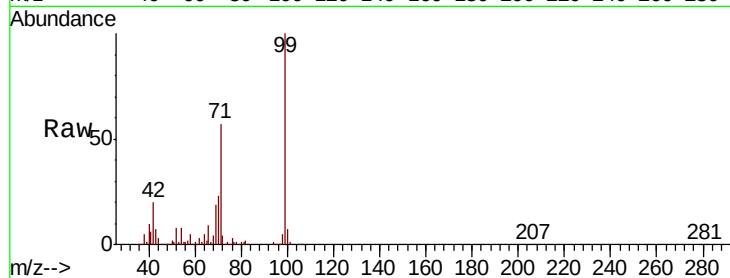
Tot Ion: 99 Resp: 473908

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

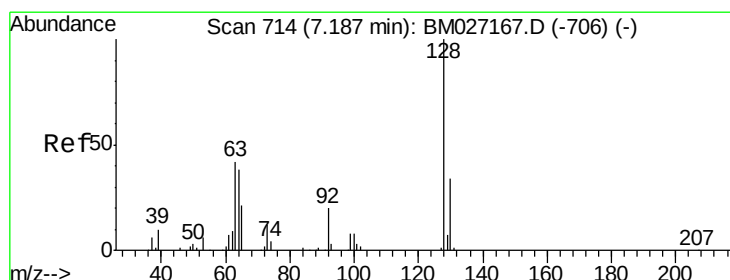
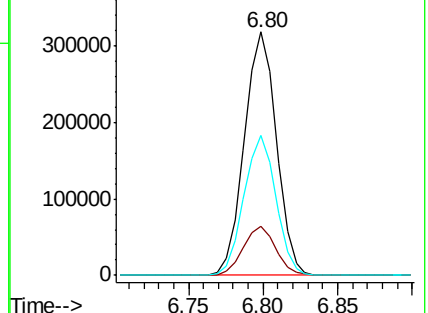
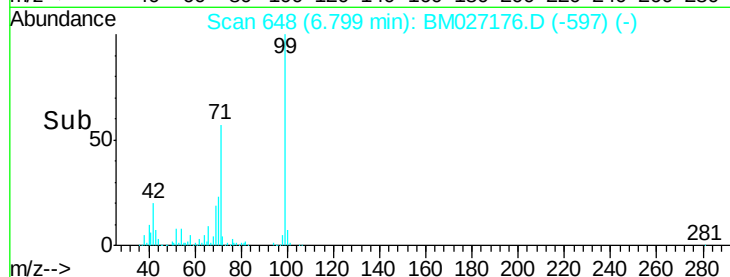
71 57.2 43.0 64.4



Abundance Ion 99.00 (98.70 to 99.70): BM027176.D (-597) (-)

Ion 42.00 (41.70 to 42.70): BM027176.D (-597) (-)

Ion 71.00 (70.70 to 71.70): BM027176.D (-597) (-)



#8

2-Chlorophenol

Concen: 41.845 ng

RT: 7.19 min Scan# 714

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

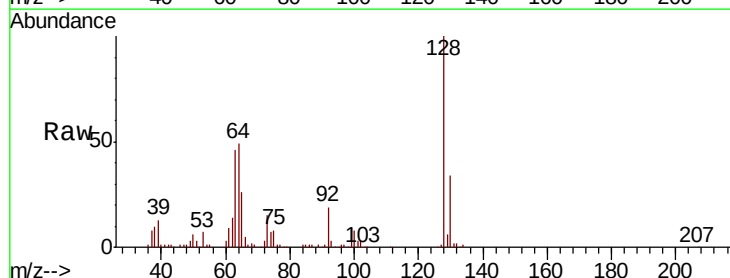
Tgt Ion: 128 Resp: 146140

Ion Ratio Lower Upper

128 100

130 33.6 14.0 54.0

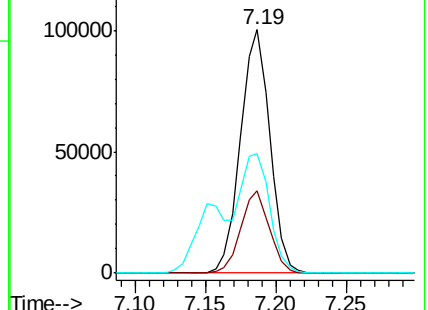
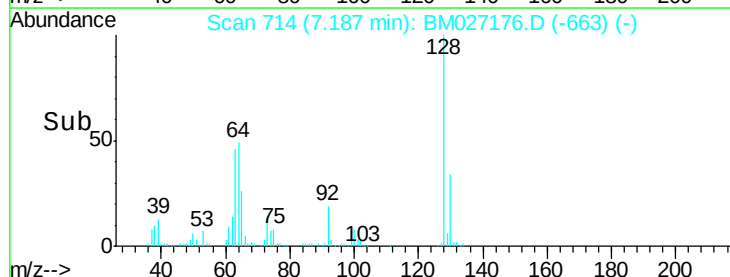
64 49.0 28.6 68.6



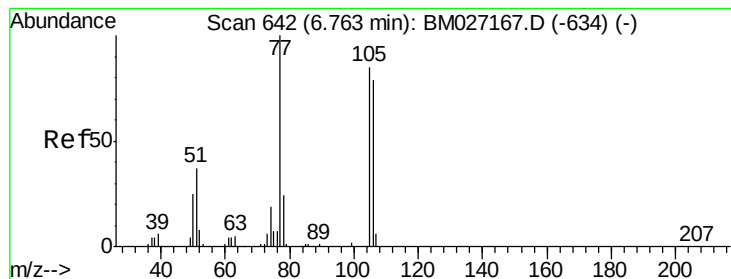
Abundance Ion 128.00 (127.70 to 128.70): BM027176.D (-663) (-)

Ion 130.00 (129.70 to 130.70): BM027176.D (-663) (-)

Ion 64.00 (63.70 to 64.70): BM027176.D (-663) (-)







#9

Benzaldehyde

Concen: 32.824 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA\_M

ClientSampleId :

PB131109BS

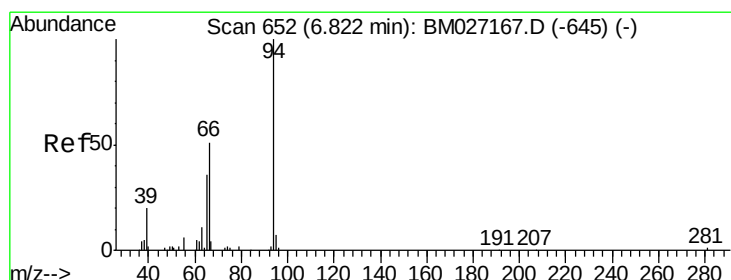
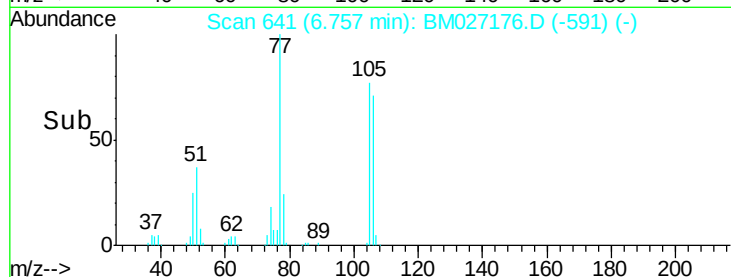
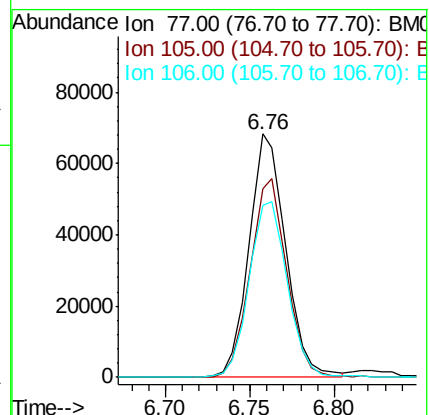
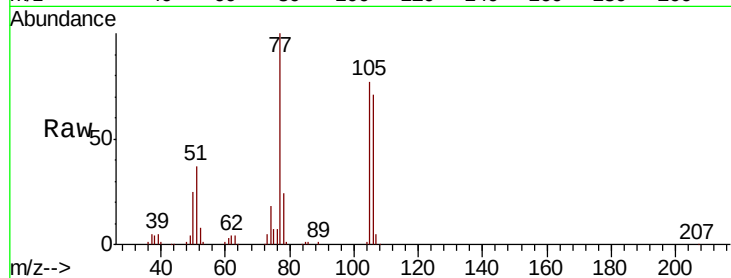
Tot Ion: 77 Resp: 103557

Ion Ratio Lower Upper

77 100

105 77.3 64.9 104.9

106 70.7 59.0 99.0



#10

Phenol

Concen: 40.429 ng

RT: 6.82 min Scan# 652

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

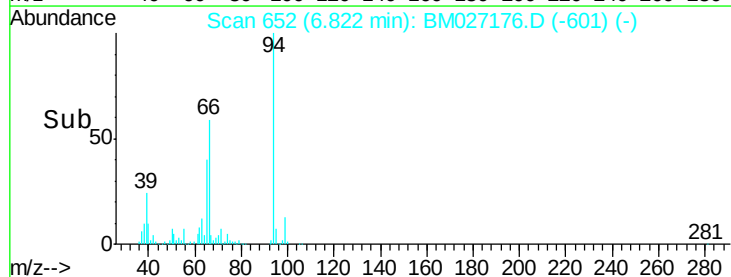
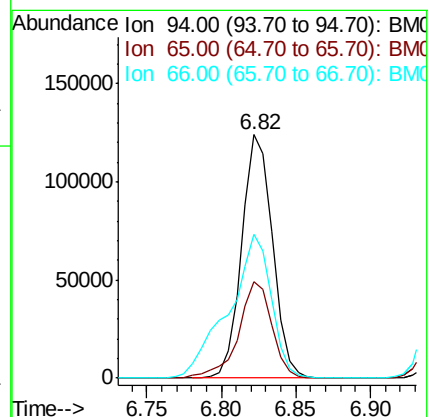
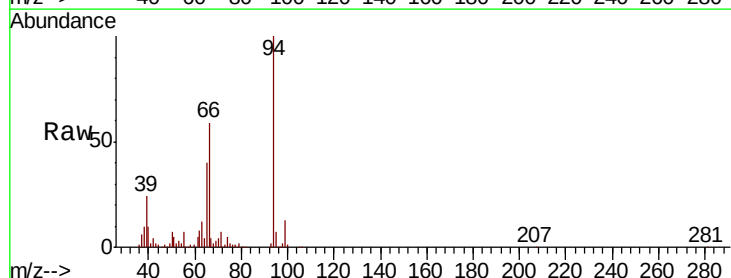
Tgt Ion: 94 Resp: 177540

Ion Ratio Lower Upper

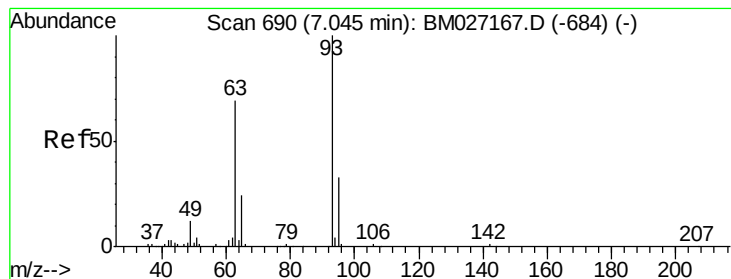
94 100

65 39.6 17.0 57.0

66 59.0 37.8 77.8







#11

bis(2-Chloroethyl)ether

Concen: 38.901 ng

RT: 7.05 min Scan# 690

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA\_M

ClientSampleId :

PB131109BS

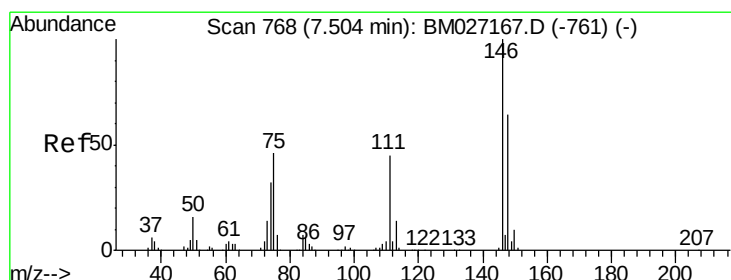
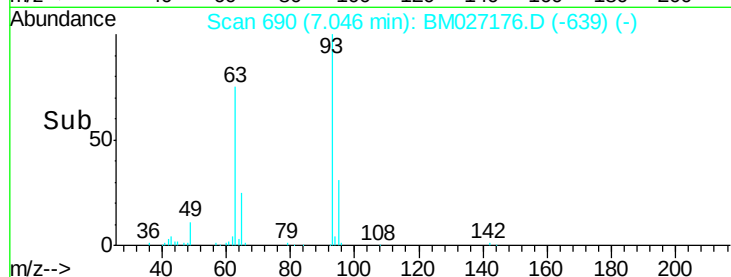
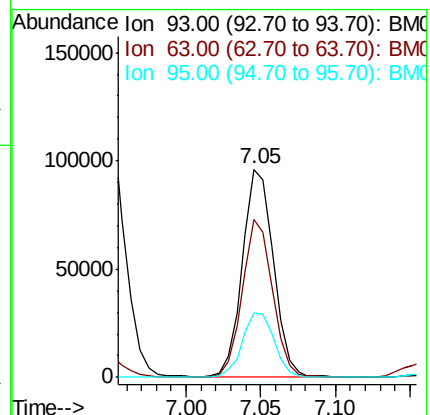
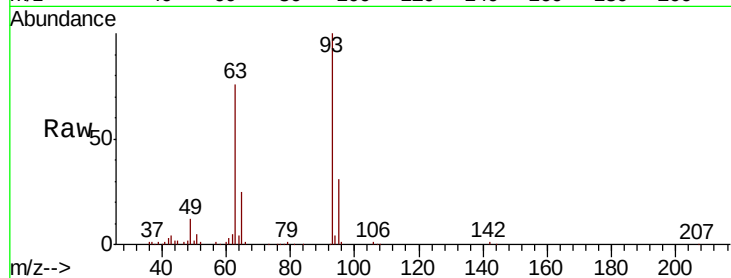
Tot Ion: 93 Resp: 139638

Ion Ratio Lower Upper

93 100

63 75.7 48.3 88.3

95 30.7 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 36.744 ng

RT: 7.50 min Scan# 768

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

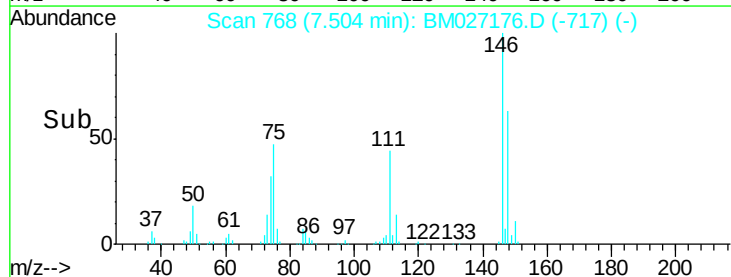
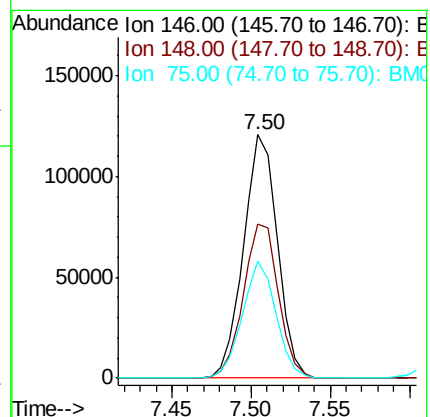
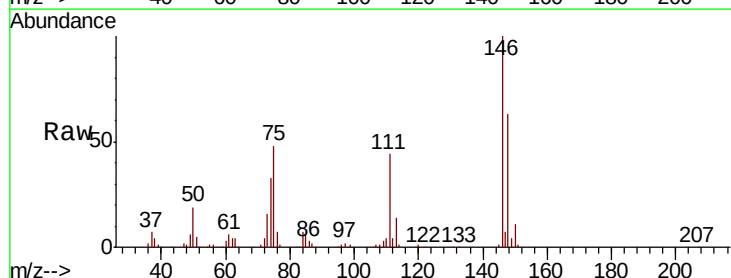
Tgt Ion: 146 Resp: 179597

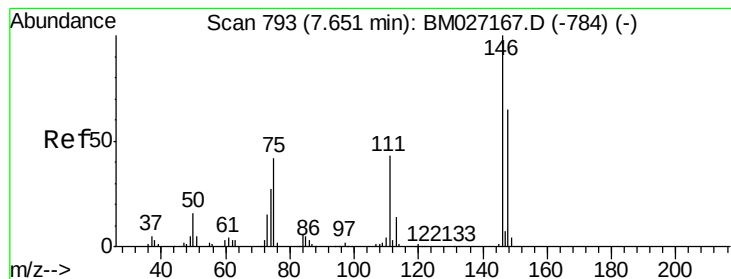
Ion Ratio Lower Upper

146 100

148 63.1 51.4 77.2

75 48.0 36.4 54.6





#13

1,4-Dichlorobenzene

Concen: 37.255 ng

RT: 7.65 min Scan# 793

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA\_M

ClientSampleId :

PB131109BS

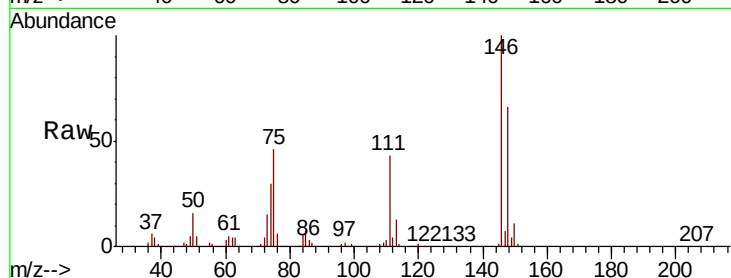
Tot Ion:146 Resp: 183727

Ion Ratio Lower Upper

146 100

148 66.2 52.0 78.0

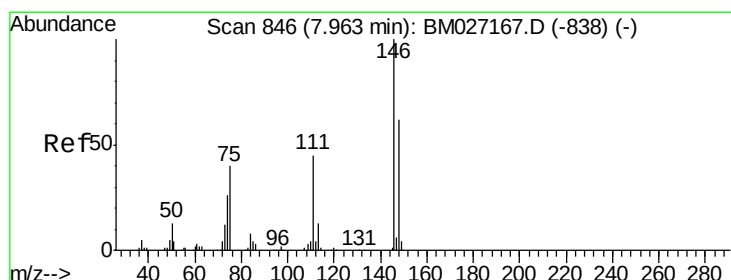
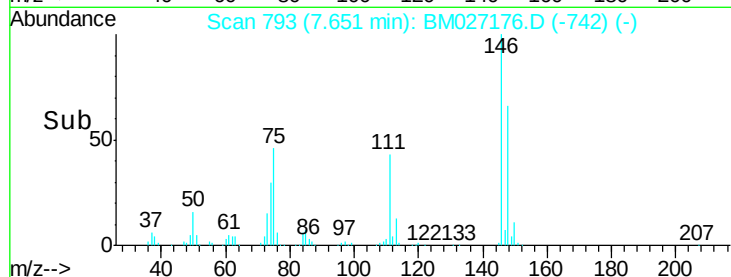
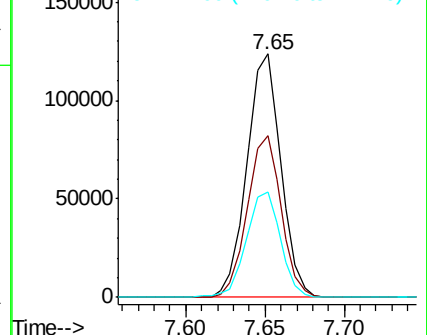
111 43.2 34.3 51.5



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: 37.150 ng

RT: 7.96 min Scan# 846

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

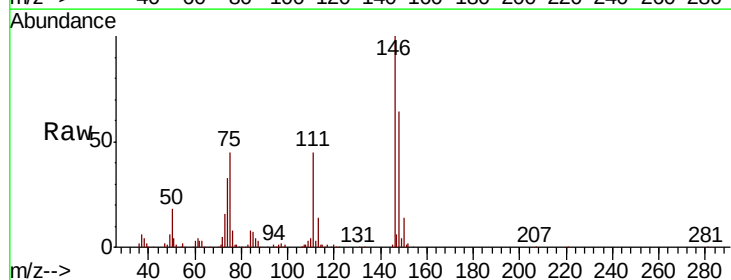
Tgt Ion:146 Resp: 173761

Ion Ratio Lower Upper

146 100

148 64.0 50.1 75.1

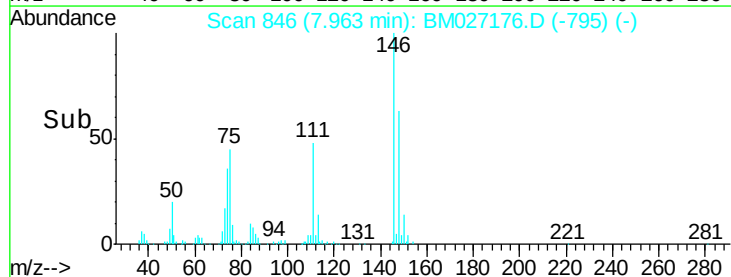
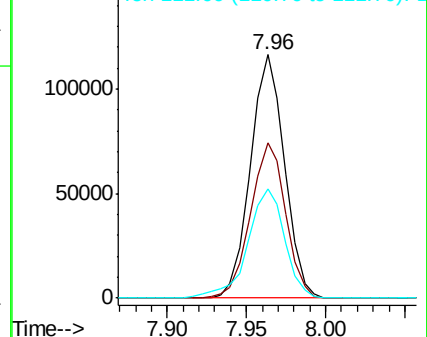
111 44.6 36.3 54.5

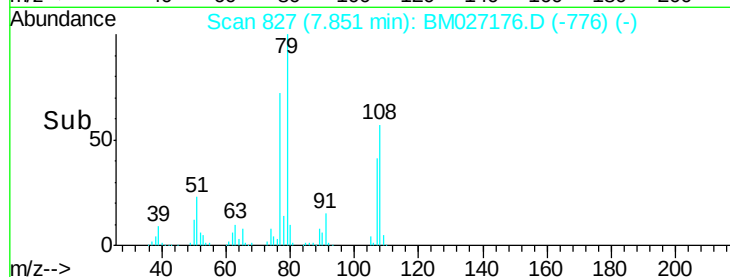
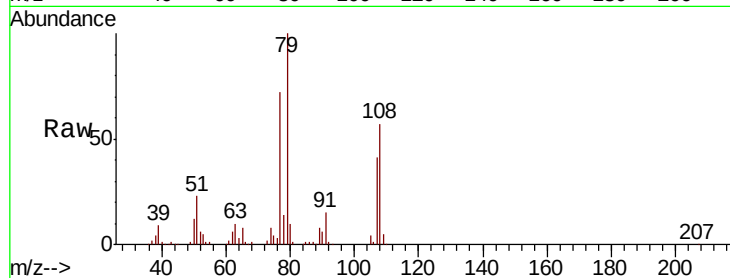
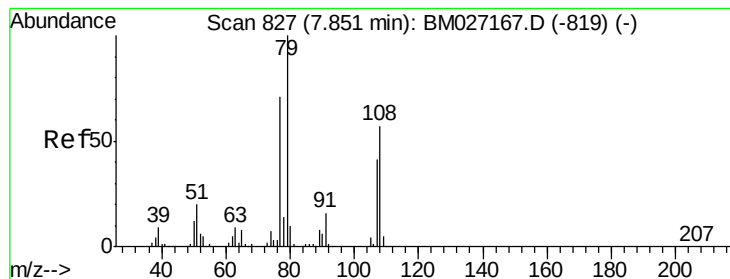


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.401 ng

RT: 7.85 min Scan# 827

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA\_M

ClientSampleId :

PB131109BS

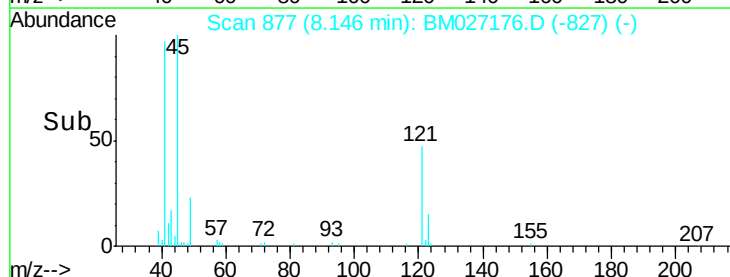
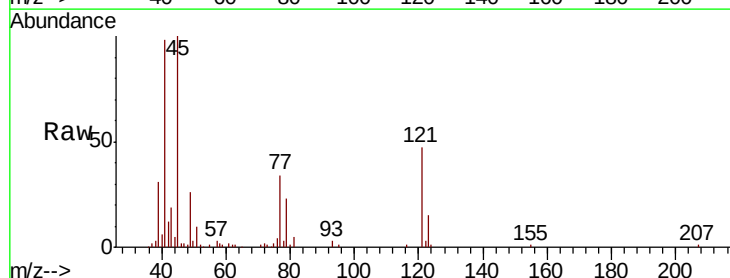
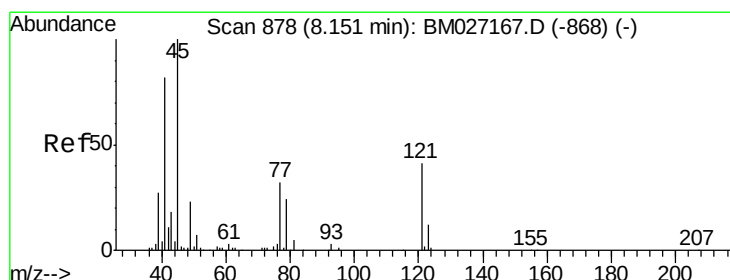
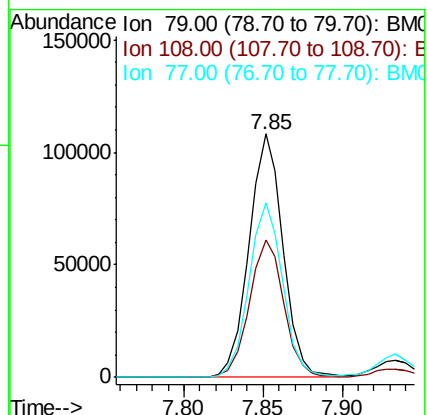
Tot Ion: 79 Resp: 160835

Ion Ratio Lower Upper

79 100

108 56.5 45.8 68.8

77 71.6 57.1 85.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.947 ng

RT: 8.15 min Scan# 877

Delta R.T. -0.01 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

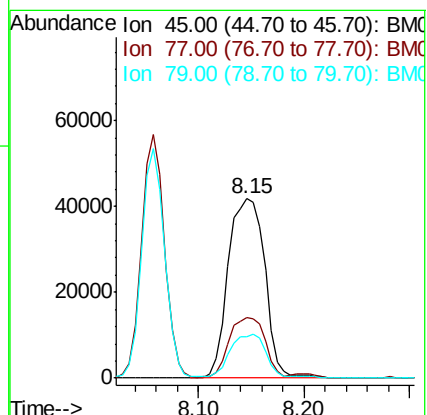
Tgt Ion: 45 Resp: 100641

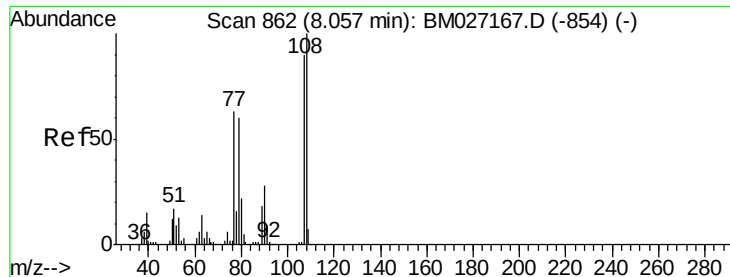
Ion Ratio Lower Upper

45 100

77 33.6 12.9 52.9

79 23.2 4.9 44.9

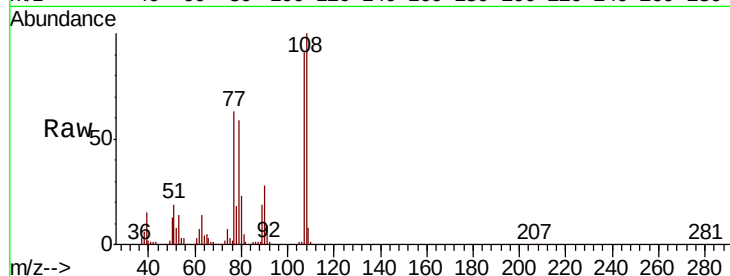




#17  
2-Methylphenol  
Concen: 39.383 ng  
RT: 8.06 min Scan# 862  
Delta R.T. 0.00 min  
Lab File: BM027176.D  
Acq: 21 Aug 2020 19:03

Instrument :  
BNA\_M  
ClientSampleId :  
PB131109BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 109.8 | 89.2  | 133.8 |
| 77      | 68.9  | 56.2  | 84.2  |
| 79      | 65.0  | 53.7  | 80.5  |



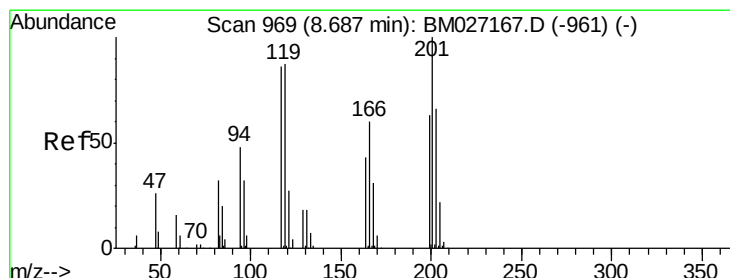
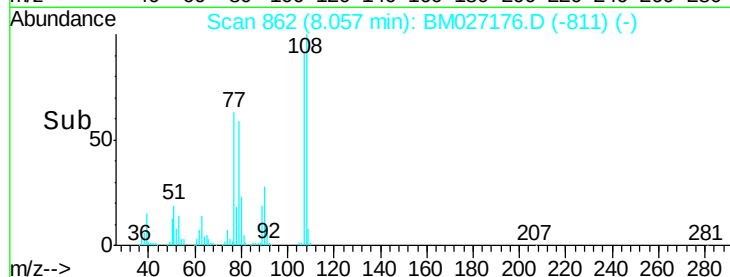
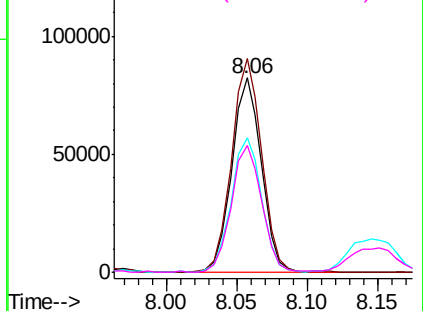
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

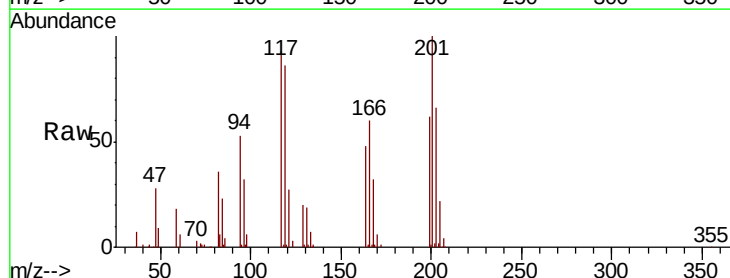
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18  
Hexachloroethane  
Concen: 37.963 ng  
RT: 8.69 min Scan# 969  
Delta R.T. 0.00 min  
Lab File: BM027176.D  
Acq: 21 Aug 2020 19:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 92.8  | 80.1  | 120.1 |
| 201     | 107.6 | 92.6  | 138.8 |

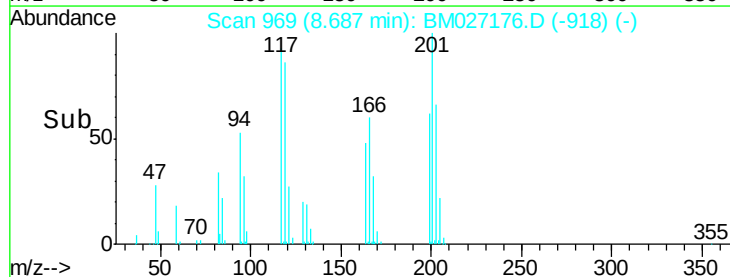
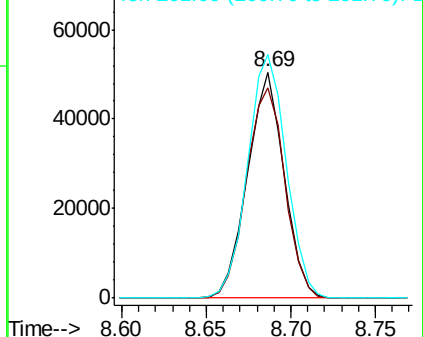


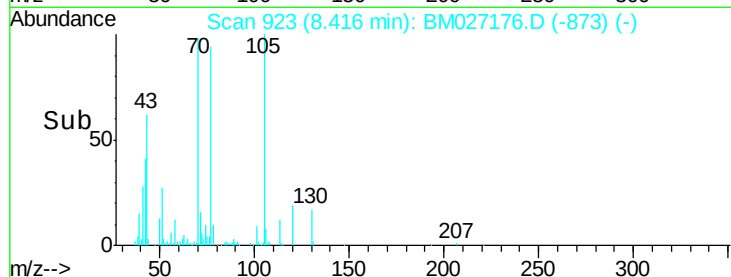
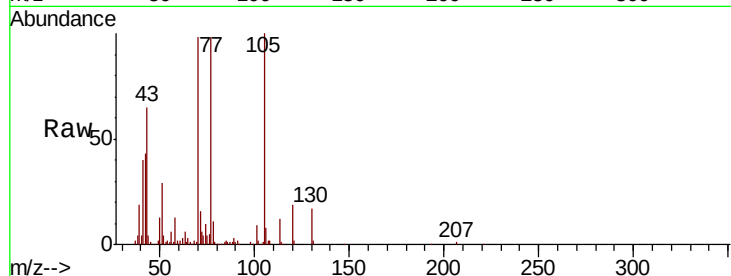
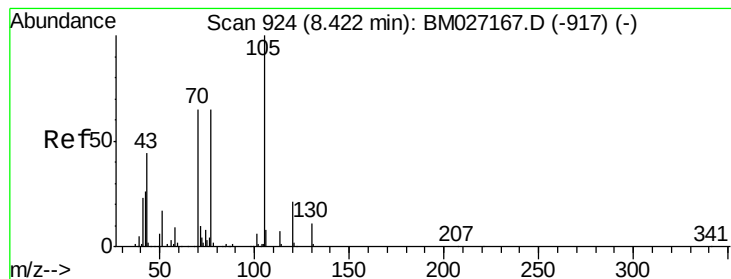
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.090 ng

RT: 8.42 min Scan# 923

Delta R.T. -0.01 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA\_M

ClientSampleId :

PB131109BS

Tot Ion: 70 Resp: 131184

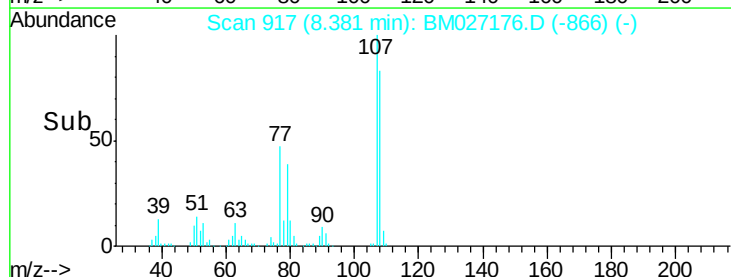
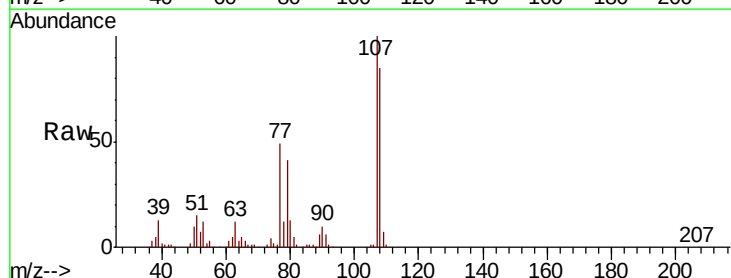
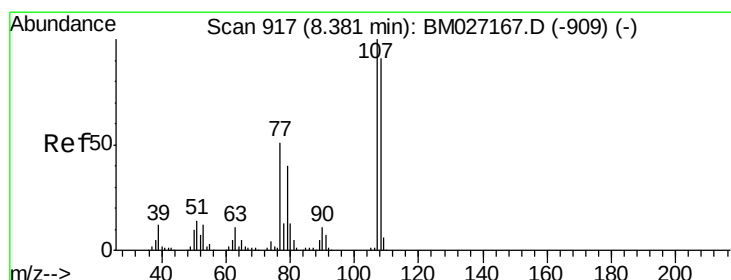
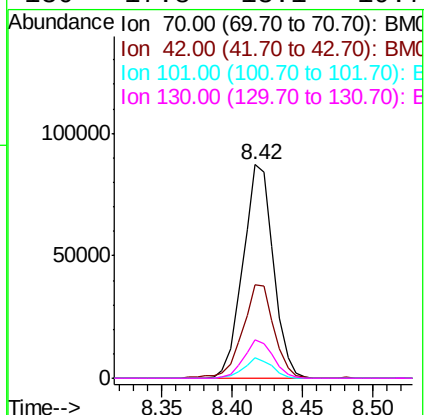
Ion Ratio Lower Upper

70 100

42 43.5 33.2 49.8

101 9.3 6.9 10.3

130 17.8 13.1 19.7



#20

3+4-Methylphenols

Concen: 38.939 ng

RT: 8.38 min Scan# 917

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Tgt Ion: 107 Resp: 158324

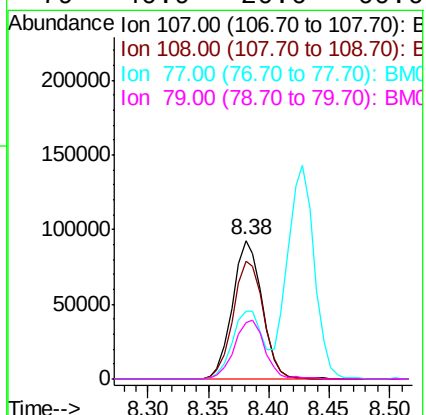
Ion Ratio Lower Upper

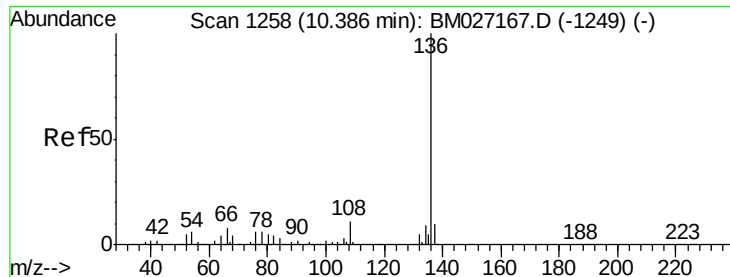
107 100

108 85.0 70.7 110.7

77 48.7 30.8 70.8

79 40.9 20.6 60.6

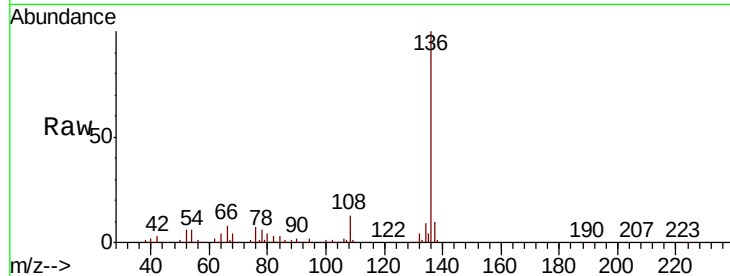




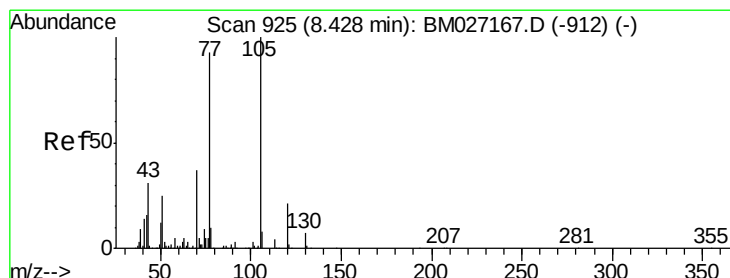
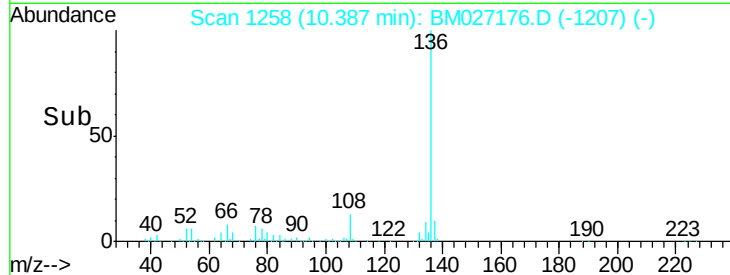
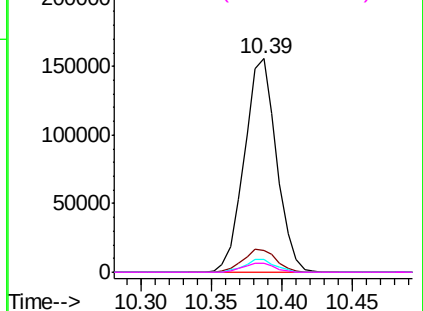
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.39 min Scan# 1258  
Delta R.T. 0.00 min  
Lab File: BM027176.D  
Acq: 21 Aug 2020 19:03

Instrument :  
BNA\_M  
ClientSampleId :  
PB131109BS

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 249109   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.5  | 8.2 12.4 |
| 54          | 6.2   | 4.8 7.2  |
| 68          | 4.0   | 3.5 5.3  |

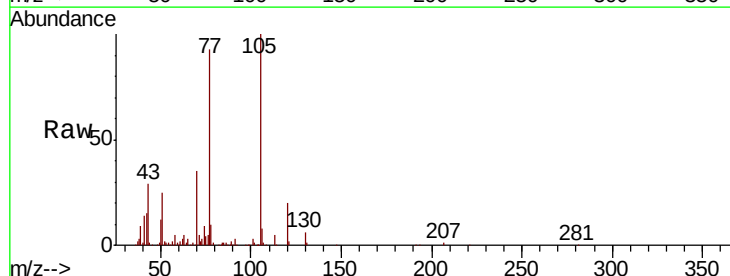


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM0  
Ion 68.00 (67.70 to 68.70): BM0

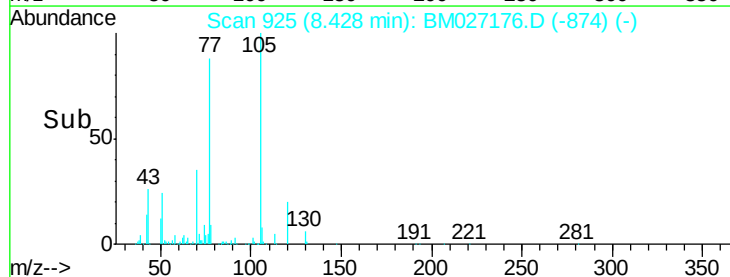
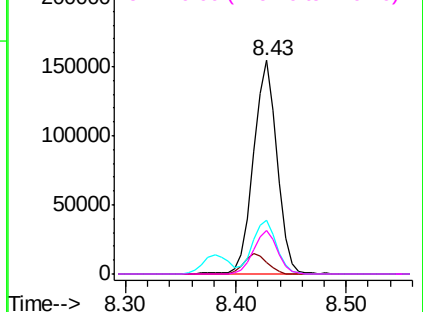


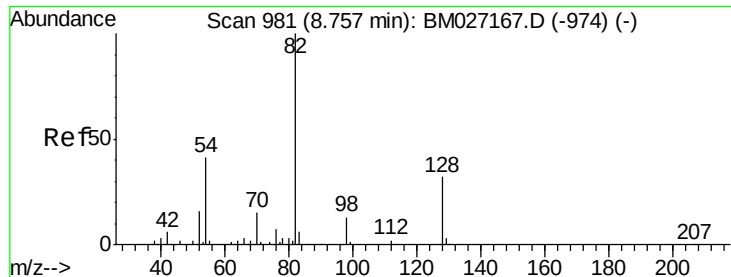
#22  
Acetophenone  
Concen: 34.698 ng  
RT: 8.43 min Scan# 925  
Delta R.T. 0.00 min  
Lab File: BM027176.D  
Acq: 21 Aug 2020 19:03

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 232303    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 5.3   | 4.2 6.2   |
| 51          | 25.0  | 20.2 30.4 |
| 120         | 20.2  | 16.6 24.8 |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BM0  
Ion 51.00 (50.70 to 51.70): BM0  
Ion 120.00 (119.70 to 120.70): E

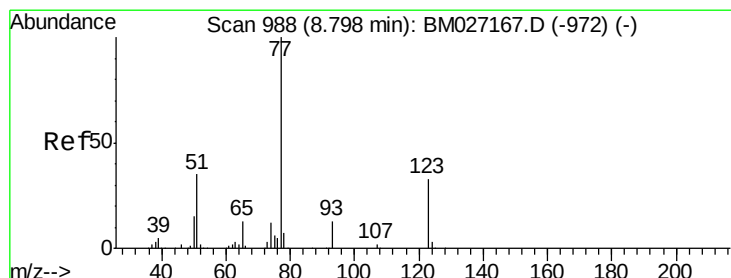
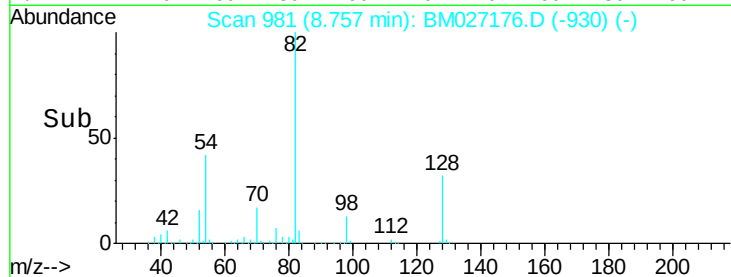
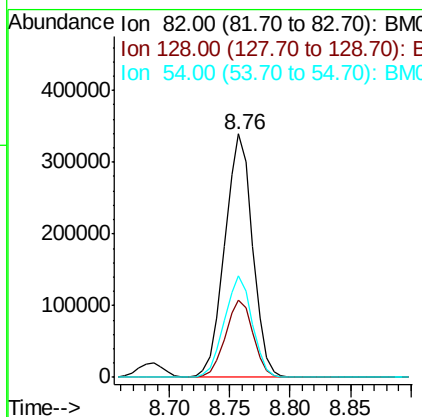
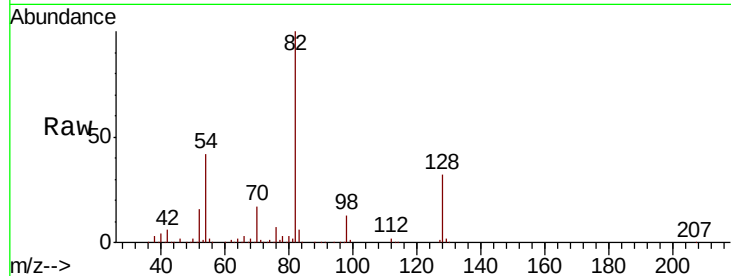




#23  
 Nitrobenzene-d5  
 Concen: 89.438 ng  
 RT: 8.76 min Scan# 981  
 Delta R.T. 0.00 min  
 Lab File: BM027176.D  
 Acq: 21 Aug 2020 19:03

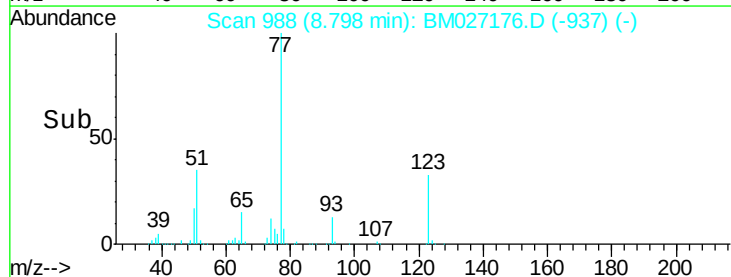
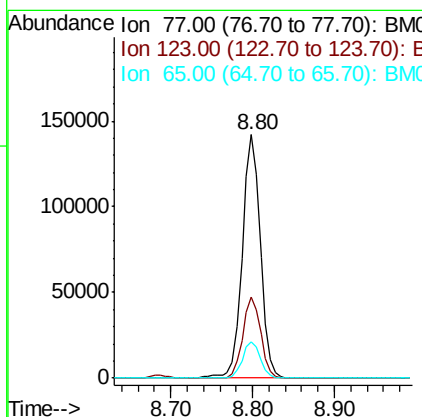
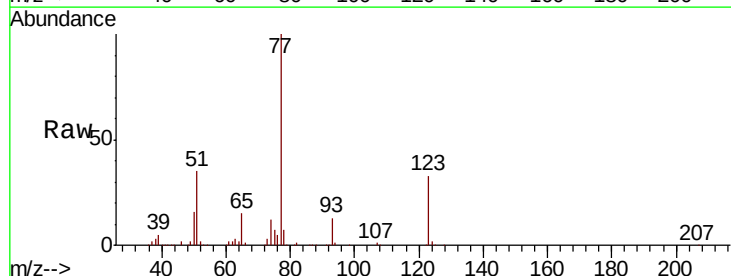
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB131109BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 31.7  | 25.7  | 38.5  |
| 54      | 41.6  | 33.0  | 49.4  |

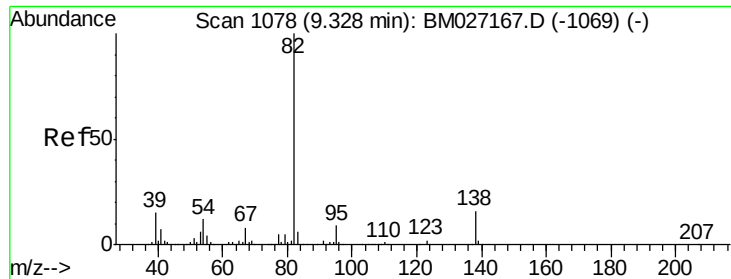


#24  
 Nitrobenzene  
 Concen: 35.739 ng  
 RT: 8.80 min Scan# 988  
 Delta R.T. 0.00 min  
 Lab File: BM027176.D  
 Acq: 21 Aug 2020 19:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 33.2  | 26.2  | 39.4  |
| 65      | 14.7  | 10.5  | 15.7  |



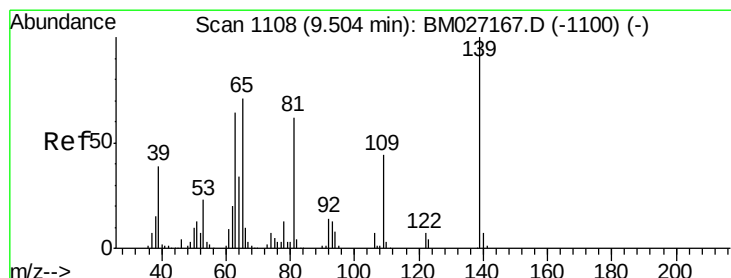
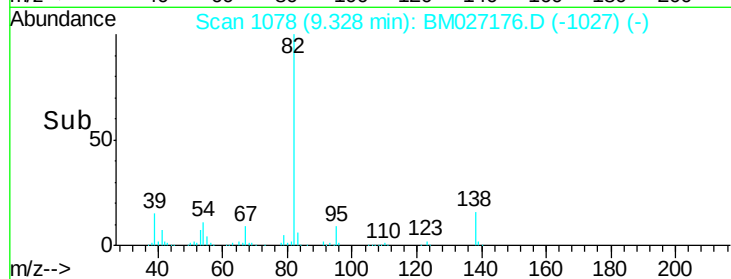
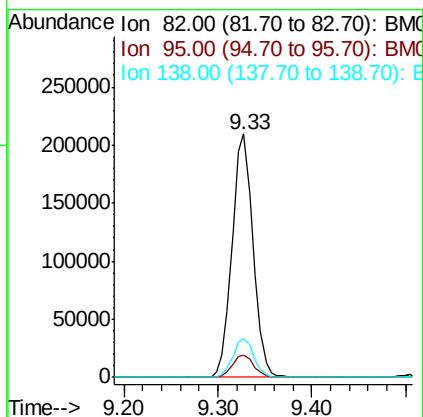
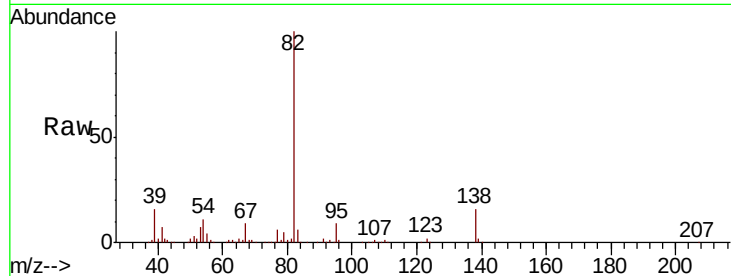




#25  
Isophorone  
Concen: 36.753 ng  
RT: 9.33 min Scan# 1078  
Delta R.T. 0.00 min  
Lab File: BM027176.D  
Acq: 21 Aug 2020 19:03

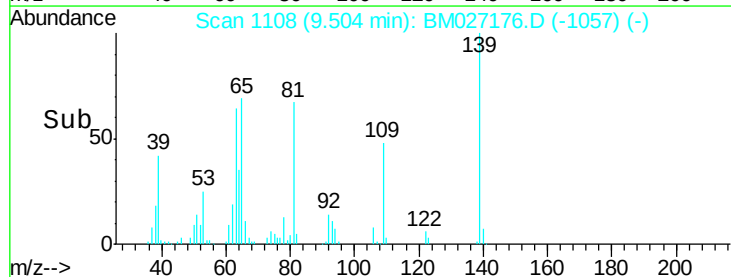
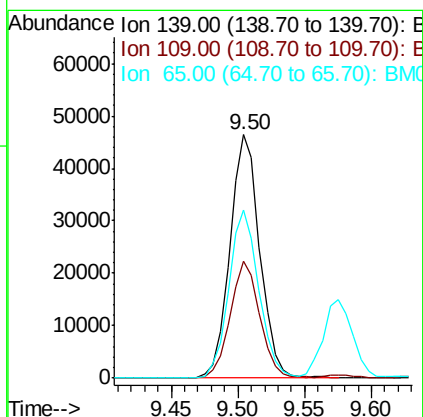
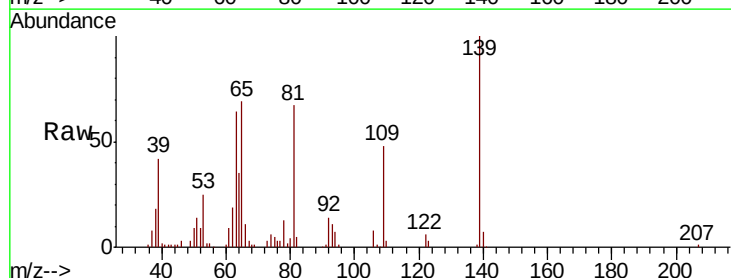
Instrument :  
BNA\_M  
ClientSampleId :  
PB131109BS

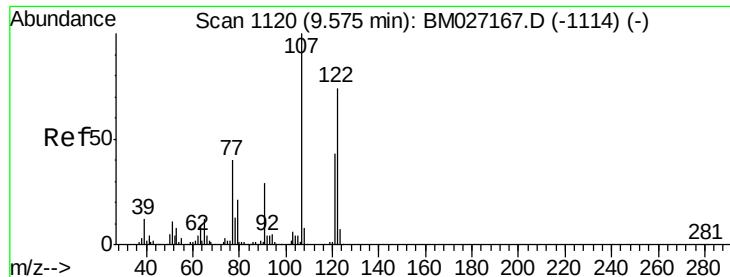
| Tot Ion   | 82    | Resp  | 325043 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 9.3   | 7.2   | 10.8   |
| 138       | 16.1  | 12.8  | 19.2   |



#26  
2-Nitrophenol  
Concen: 37.903 ng  
RT: 9.50 min Scan# 1108  
Delta R.T. 0.00 min  
Lab File: BM027176.D  
Acq: 21 Aug 2020 19:03

| Tgt Ion   | 139   | Resp  | 72303 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 47.9  | 35.0  | 52.6  |
| 65        | 69.1  | 57.0  | 85.6  |

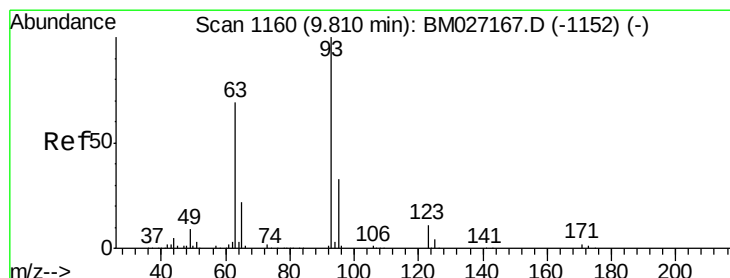
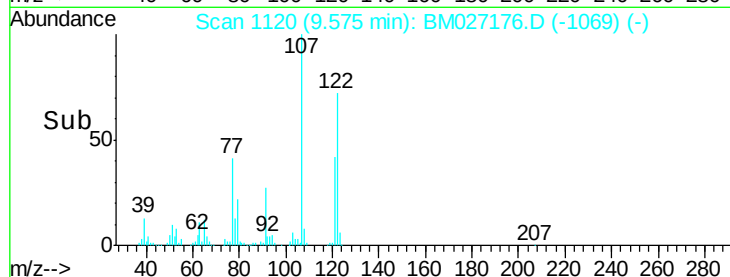
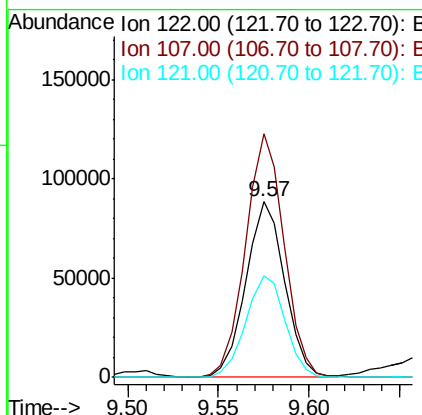
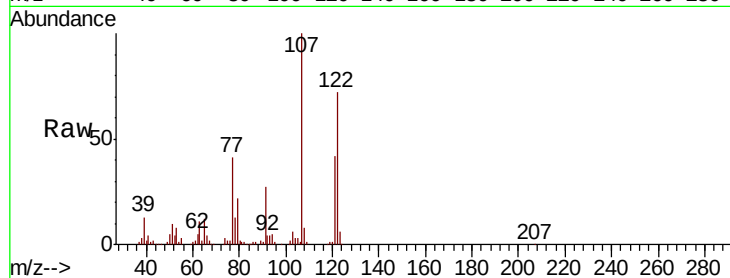




#27  
 2,4-Dimethylphenol  
 Concen: 44.559 ng  
 RT: 9.57 min Scan# 1120  
 Delta R.T. 0.00 min  
 Lab File: BM027176.D  
 Acq: 21 Aug 2020 19:03

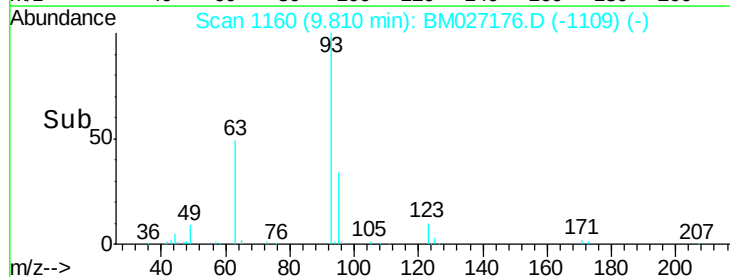
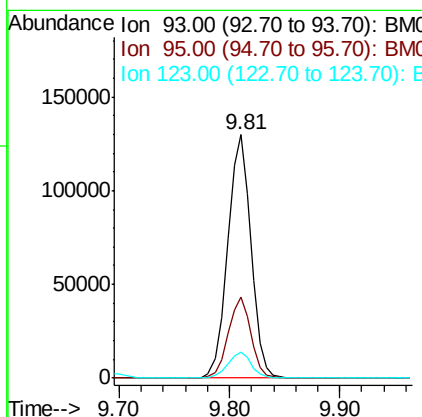
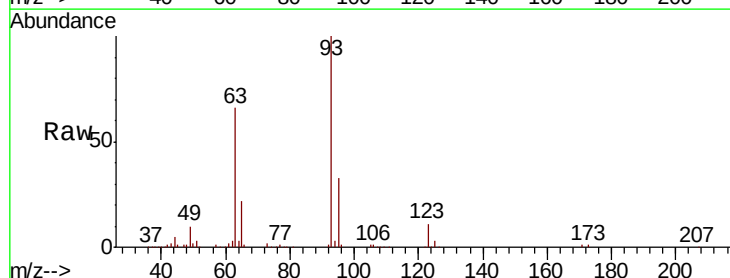
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB131109BS

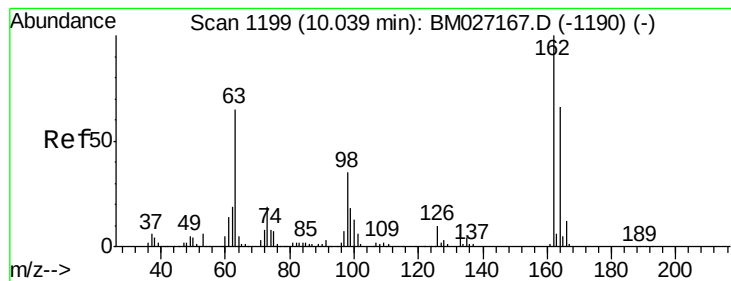
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 138.7 | 108.1 | 162.1 |
| 121     | 58.0  | 47.0  | 70.4  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 35.555 ng  
 RT: 9.81 min Scan# 1160  
 Delta R.T. 0.00 min  
 Lab File: BM027176.D  
 Acq: 21 Aug 2020 19:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.3  | 26.2  | 39.2  |
| 123     | 10.6  | 8.8   | 13.2  |





#29

2,4-Dichlorophenol

Concen: 38.888 ng

RT: 10.04 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA\_M

ClientSampleId :

PB131109BS

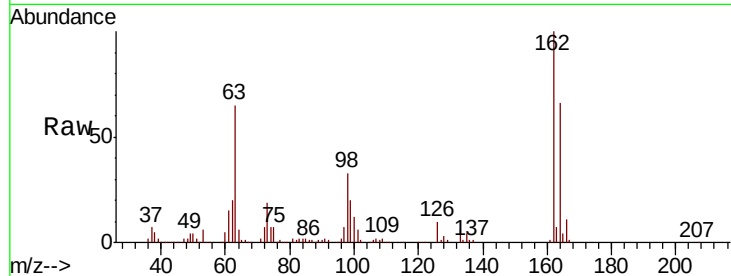
Tot Ion:162 Resp: 160634

Ion Ratio Lower Upper

162 100

164 65.9 46.0 86.0

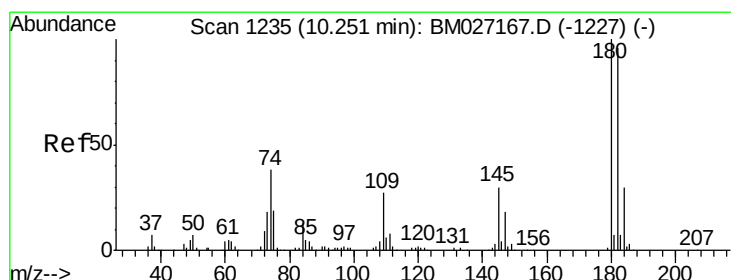
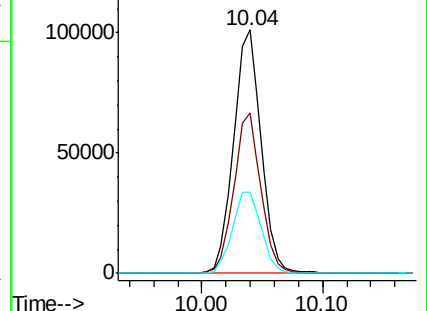
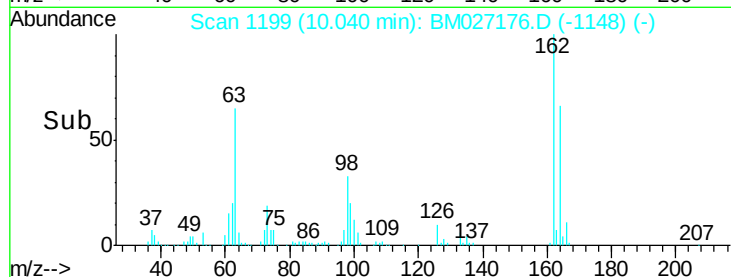
98 33.5 15.0 55.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 35.649 ng

RT: 10.25 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

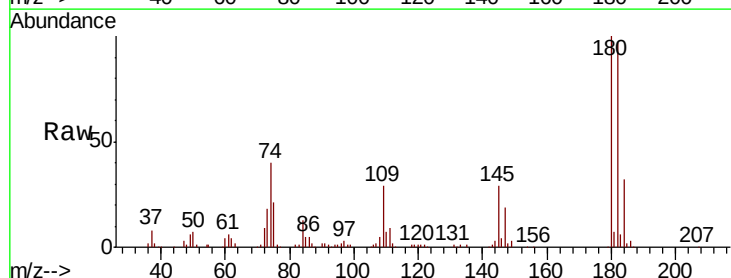
Tgt Ion:180 Resp: 193310

Ion Ratio Lower Upper

180 100

182 96.9 76.6 115.0

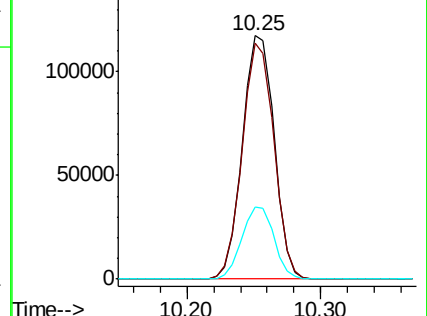
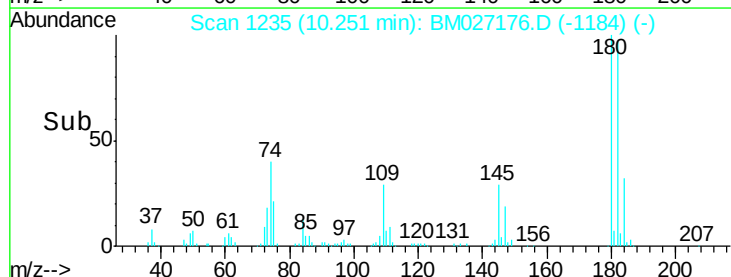
145 29.4 23.7 35.5

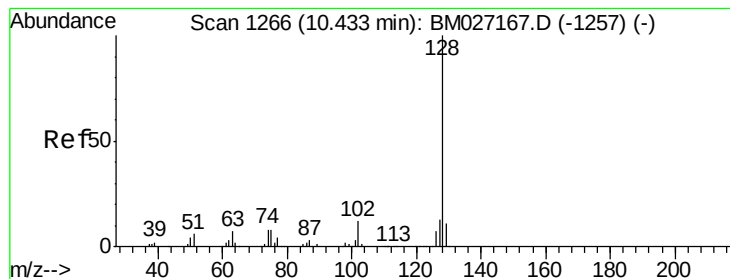


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

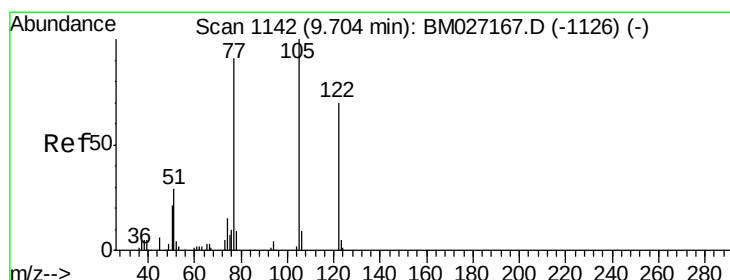
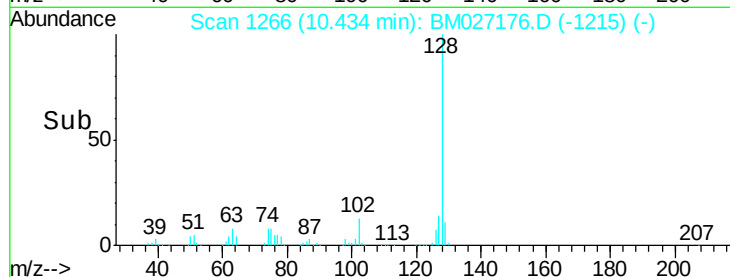
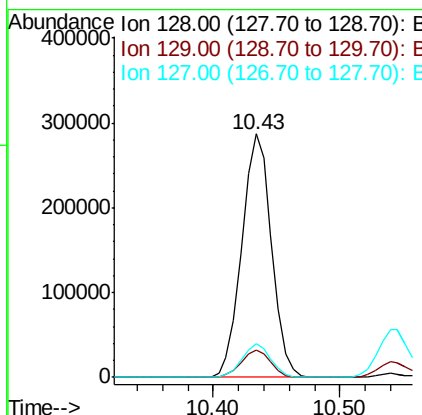
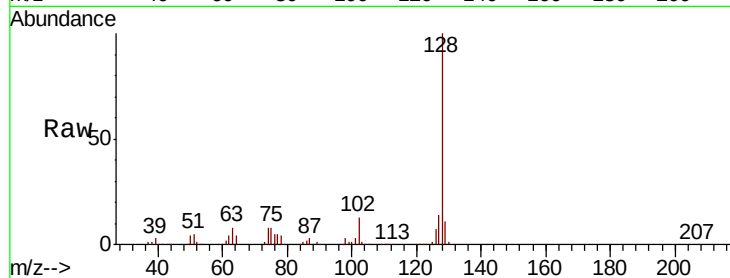




#31  
Naphthalene  
Concen: 36.885 ng  
RT: 10.43 min Scan# 1266  
Delta R.T. 0.00 min  
Lab File: BM027176.D  
Acq: 21 Aug 2020 19:03

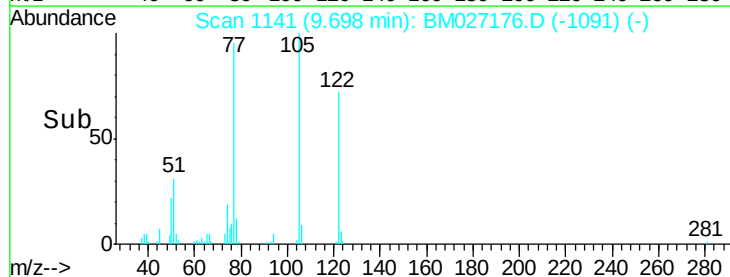
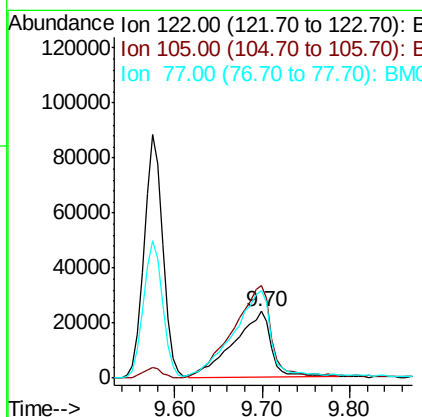
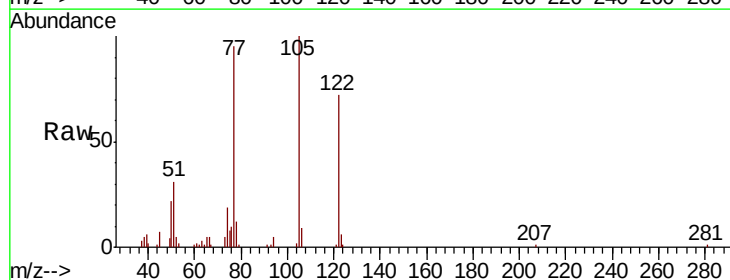
Instrument :  
BNA\_M  
ClientSampleId :  
PB131109BS

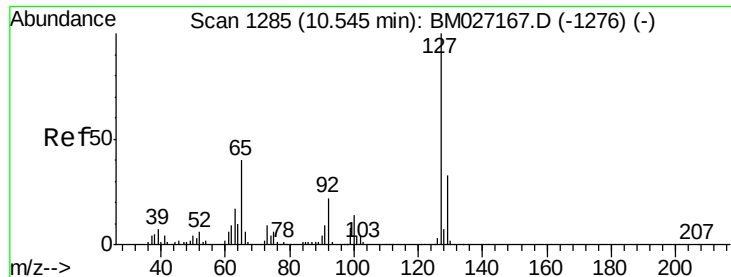
Tot Ion:128 Resp: 465712  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.0 13.4  
127 13.9 10.7 16.1



#32  
Benzoic acid  
Concen: 29.813 ng  
RT: 9.70 min Scan# 1141  
Delta R.T. -0.01 min  
Lab File: BM027176.D  
Acq: 21 Aug 2020 19:03

Tgt Ion:122 Resp: 68606  
Ion Ratio Lower Upper  
122 100  
105 138.1 117.8 157.8  
77 131.2 107.8 147.8

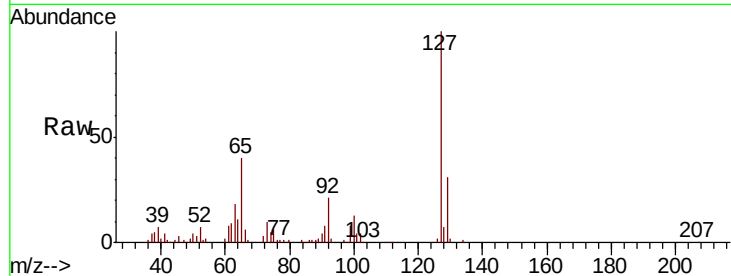




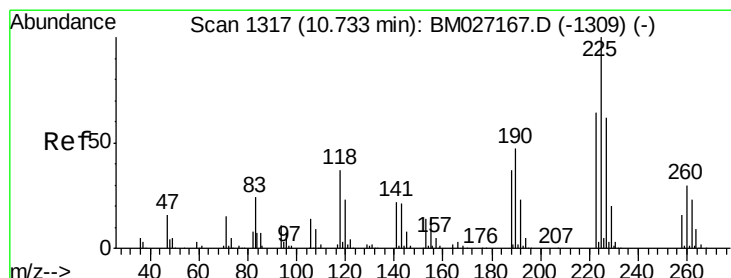
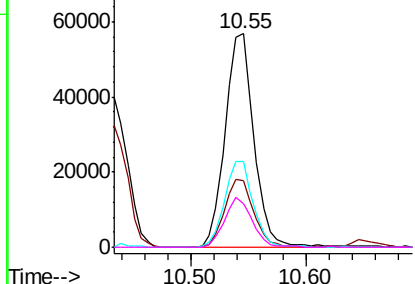
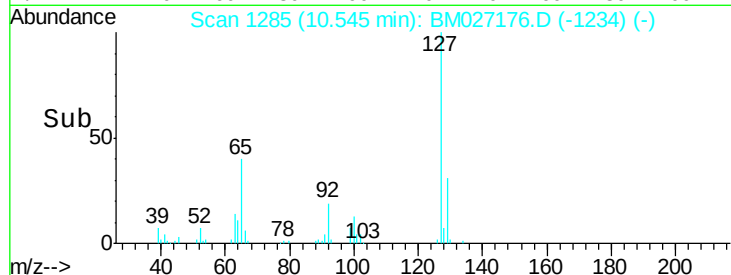
#33  
4-Chloroaniline  
Concen: 18.825 ng  
RT: 10.55 min Scan# 1285  
Delta R.T. 0.00 min  
Lab File: BM027176.D  
Acq: 21 Aug 2020 19:03

Instrument :  
BNA\_M  
ClientSampleId :  
PB131109BS

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:127 | Resp: | 98192     |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 31.4  | 26.0 39.0 |
| 65          | 40.4  | 31.8 47.6 |
| 92          | 20.5  | 17.6 26.4 |

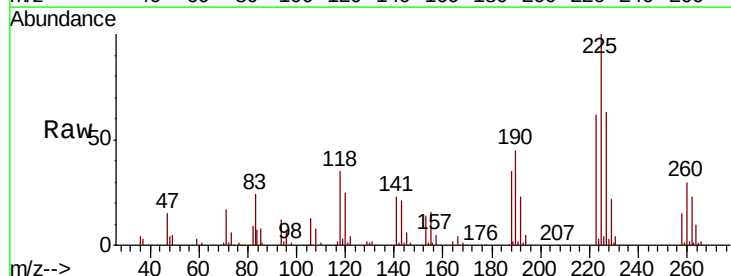


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0

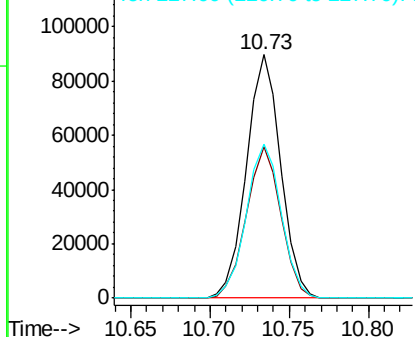
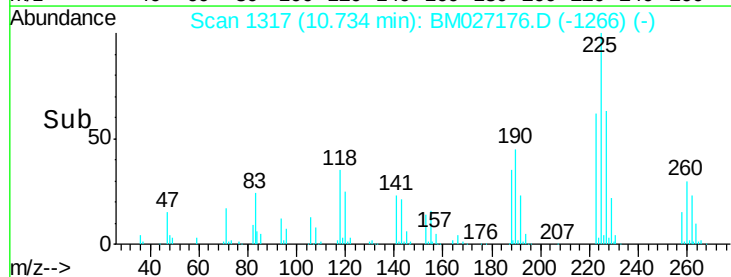


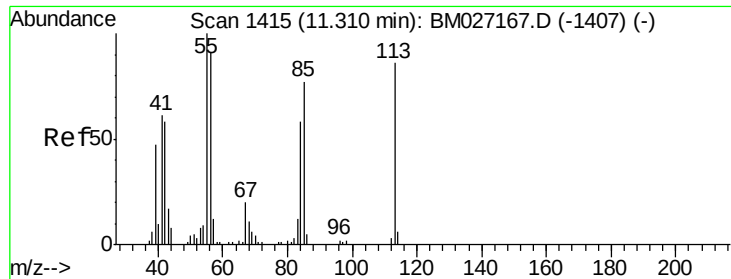
#34  
Hexachlorobutadiene  
Concen: 37.228 ng  
RT: 10.73 min Scan# 1317  
Delta R.T. 0.00 min  
Lab File: BM027176.D  
Acq: 21 Aug 2020 19:03

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 134706    |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 62.1  | 51.1 76.7 |
| 227         | 63.4  | 49.7 74.5 |



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





#35

Caprolactam

Concen: 31.727 ng

RT: 11.31 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA\_M

ClientSampleId :

PB131109BS

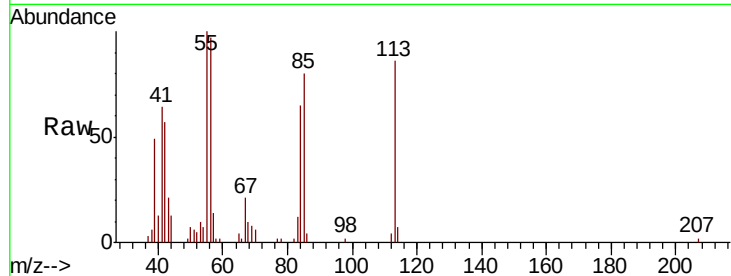
Tot Ion:113 Resp: 35526

Ion Ratio Lower Upper

113 100

55 116.4 96.9 136.9

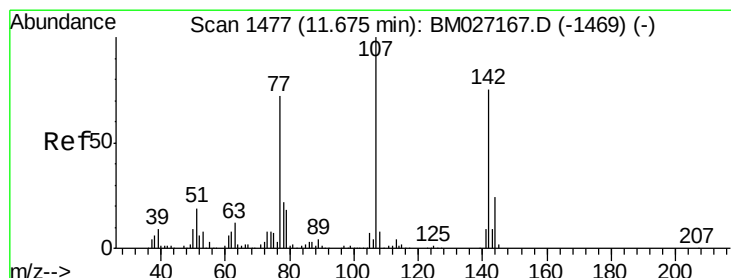
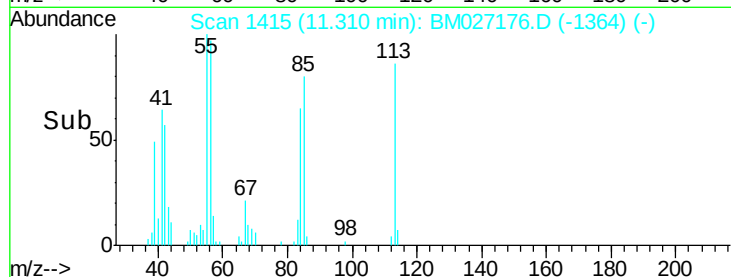
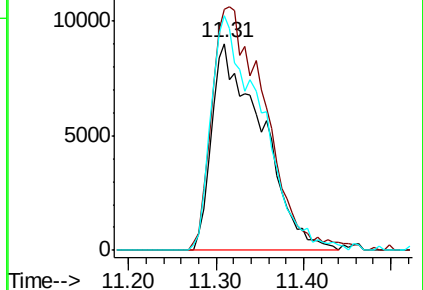
56 113.4 85.9 125.9



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: 36.695 ng

RT: 11.67 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

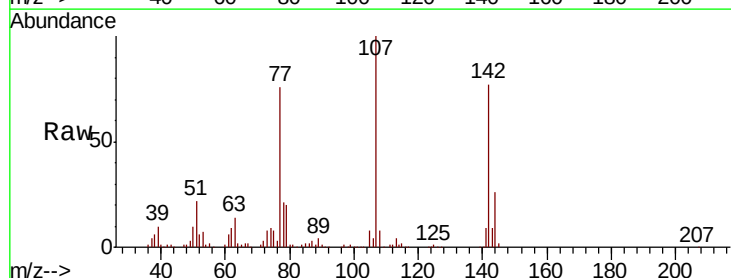
Tgt Ion:107 Resp: 156684

Ion Ratio Lower Upper

107 100

144 26.4 19.5 29.3

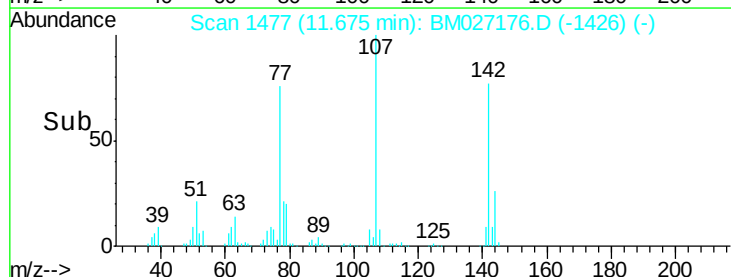
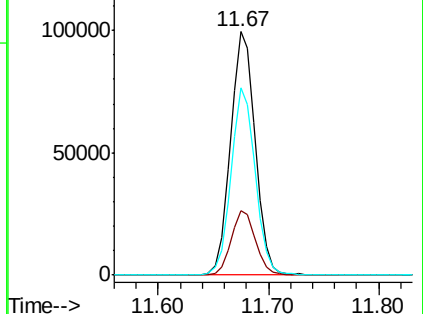
142 76.7 60.3 90.5

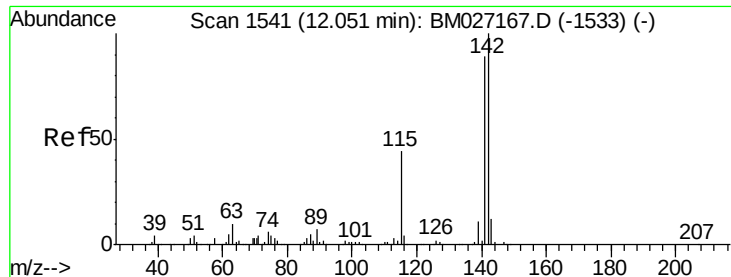


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

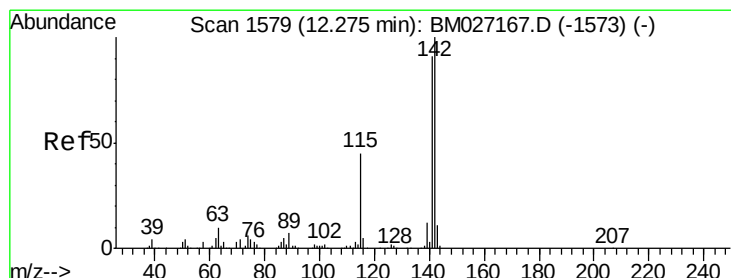
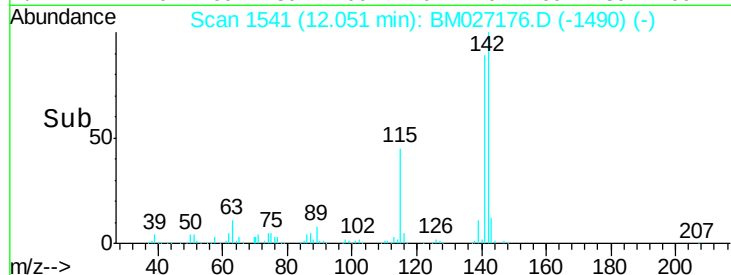
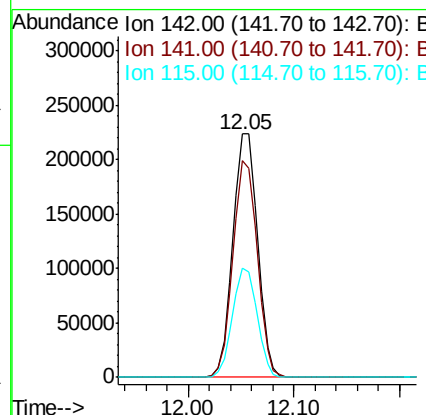
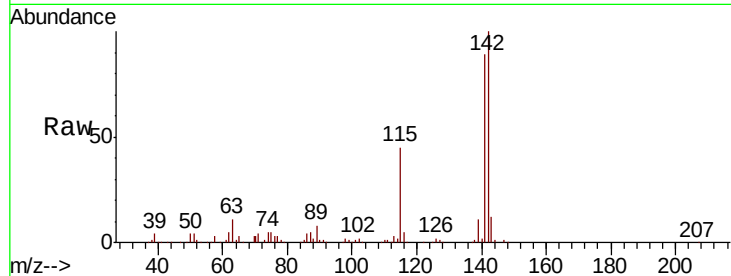




#37  
 2-Methylnaphthalene  
 Concen: 37.746 ng  
 RT: 12.05 min Scan# 1541  
 Delta R.T. 0.00 min  
 Lab File: BM027176.D  
 Acq: 21 Aug 2020 19:03

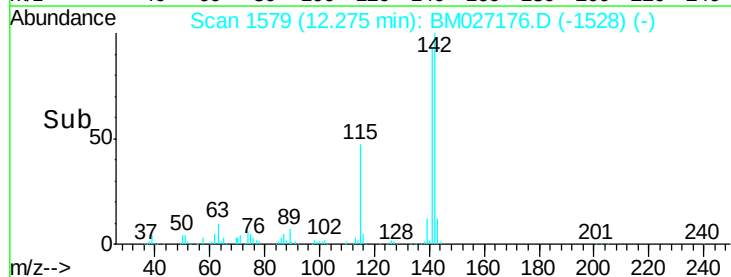
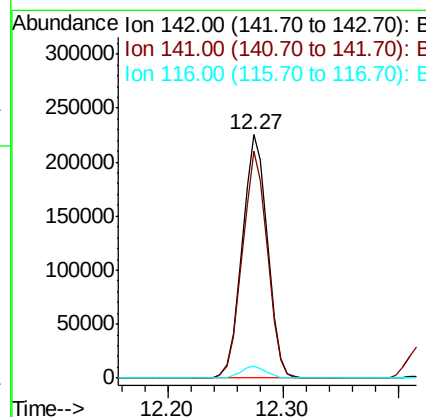
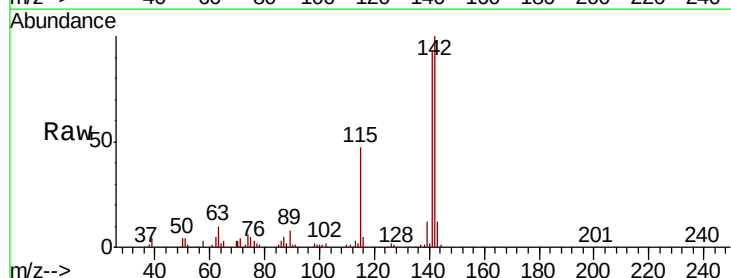
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB131109BS

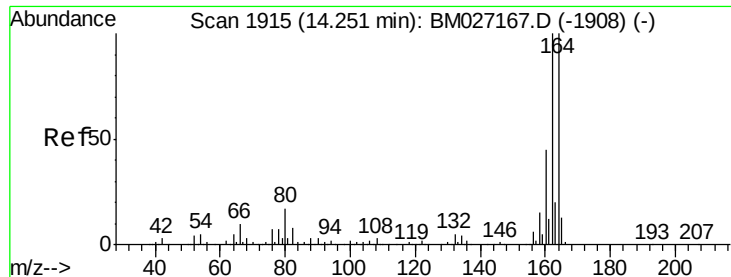
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.1  | 71.4  | 107.0 |
| 115     | 44.6  | 34.8  | 52.2  |



#38  
 1-Methylnaphthalene  
 Concen: 37.117 ng  
 RT: 12.27 min Scan# 1579  
 Delta R.T. 0.00 min  
 Lab File: BM027176.D  
 Acq: 21 Aug 2020 19:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.3  | 72.8  | 109.2 |
| 116     | 4.9   | 4.2   | 6.4   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.25 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA\_M

ClientSampleId :

PB131109BS

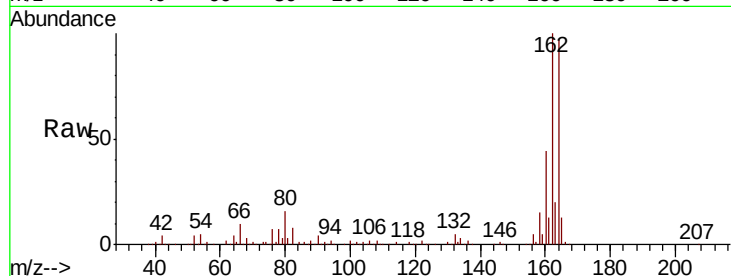
Tot Ion:164 Resp: 180768

Ion Ratio Lower Upper

164 100

162 102.6 80.2 120.4

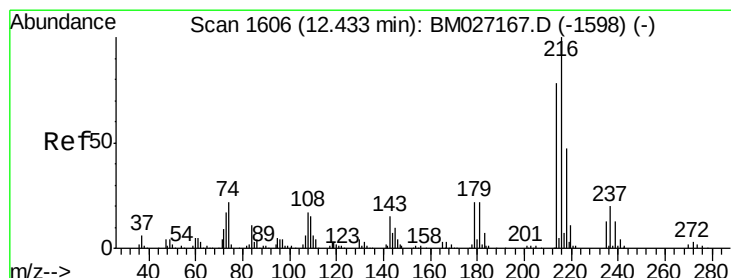
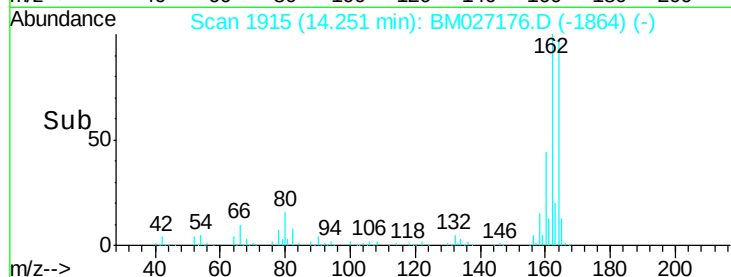
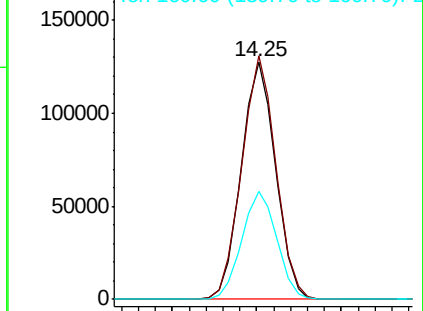
160 45.2 36.3 54.5



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: 36.818 ng

RT: 12.43 min Scan# 1606

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Tgt Ion:216 Resp: 234393

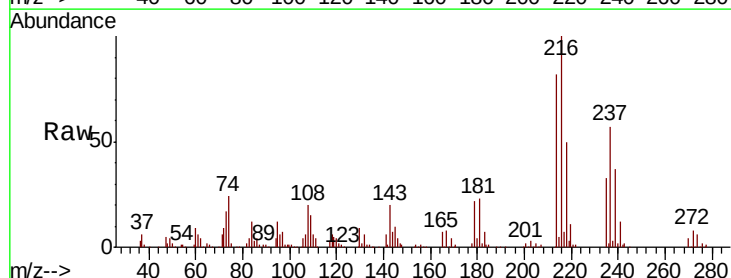
Ion Ratio Lower Upper

216 100

214 78.8 62.8 94.2

179 22.1 18.0 27.0

108 24.1 15.5 23.3#

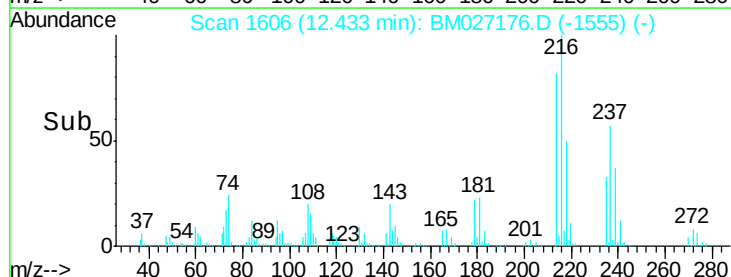
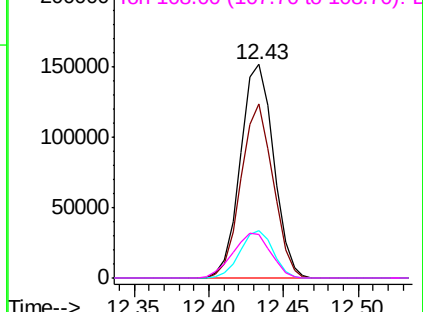


Abundance Ion 216.00 (215.70 to 216.70): E

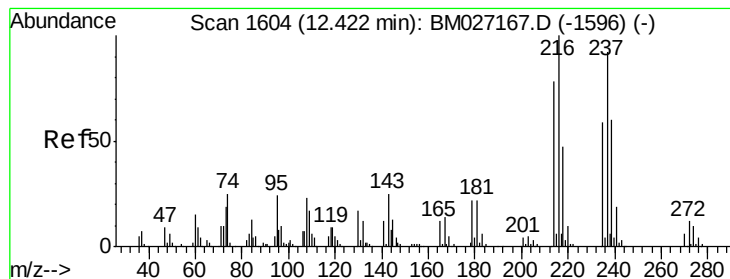
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 99.156 ng

RT: 12.42 min Scan# 1604

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA\_M

ClientSampleId :

PB131109BS

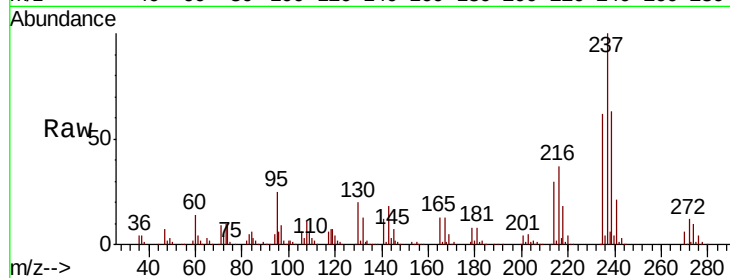
Tot Ion:237 Resp: 348918

Ion Ratio Lower Upper

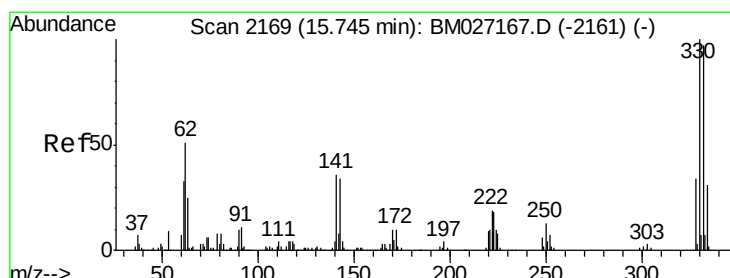
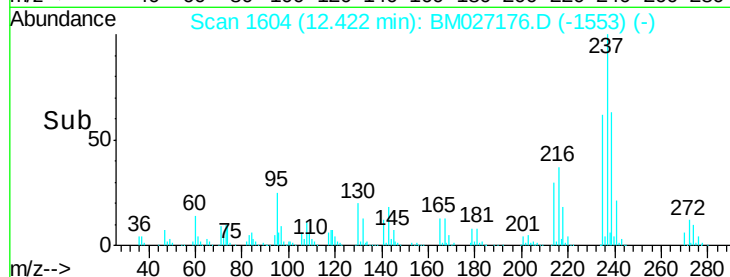
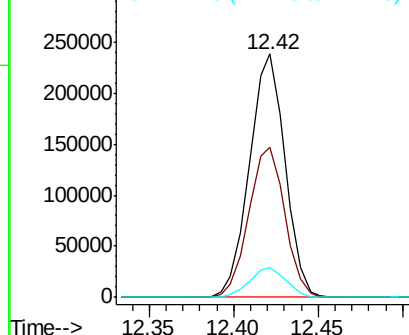
237 100

235 61.6 44.0 84.0

272 12.5 0.0 33.4



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: 95.786 ng

RT: 15.75 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

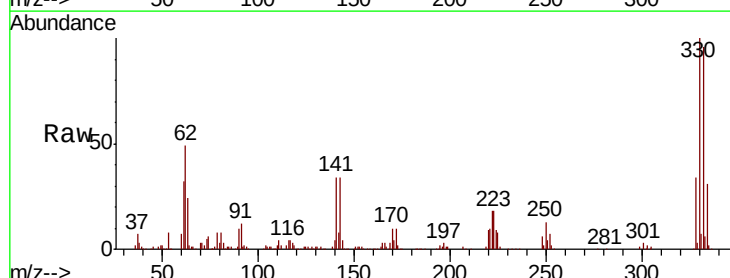
Tgt Ion:330 Resp: 280387

Ion Ratio Lower Upper

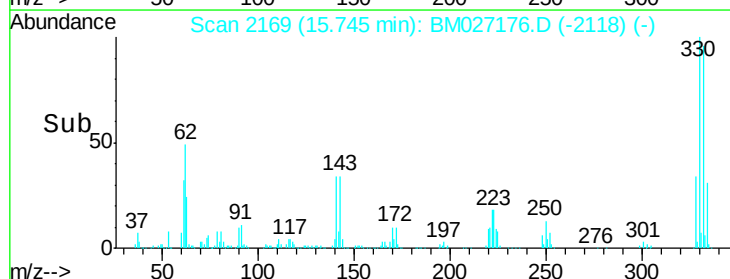
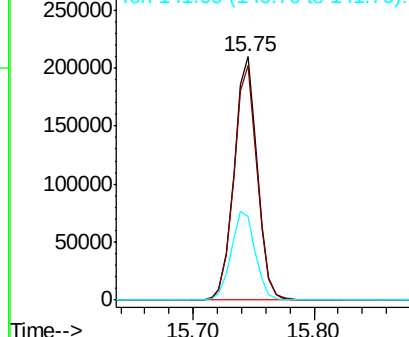
330 100

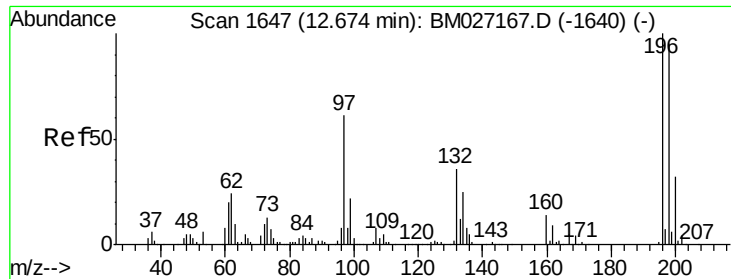
332 96.8 77.2 115.8

141 37.9 31.0 46.6



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

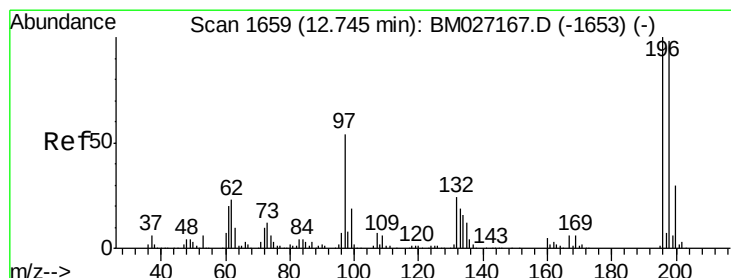
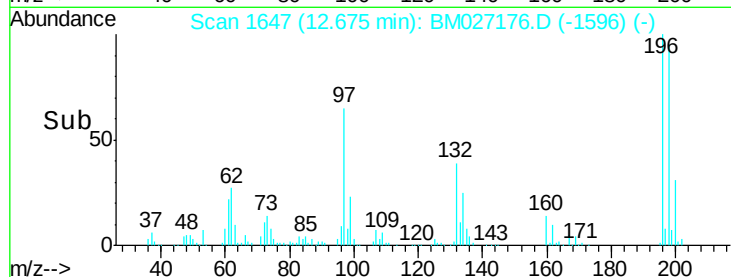
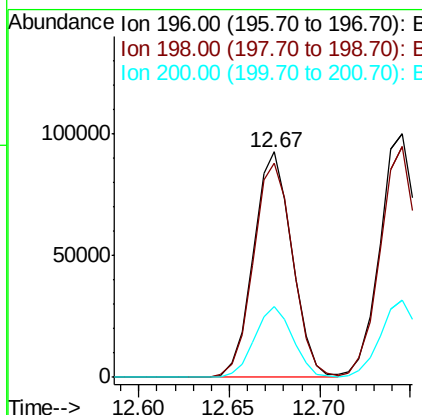
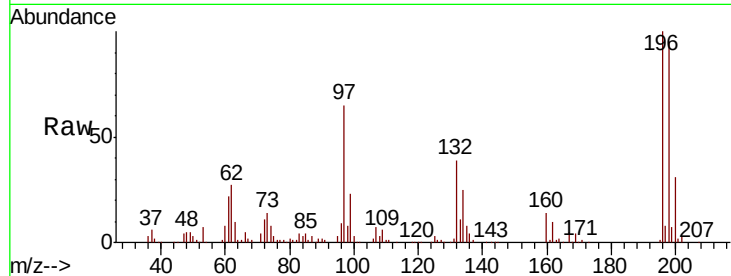




#43  
 2,4,6-Trichlorophenol  
 Concen: 34.853 ng  
 RT: 12.67 min Scan# 1647  
 Delta R.T. 0.00 min  
 Lab File: BM027176.D  
 Acq: 21 Aug 2020 19:03

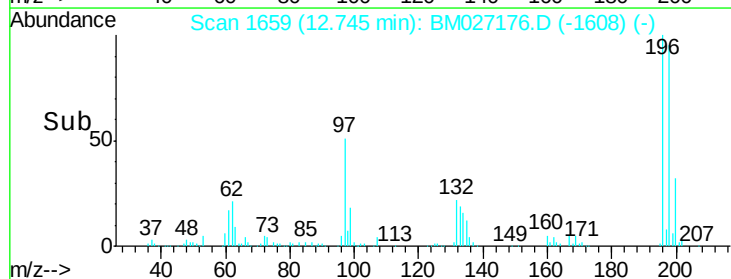
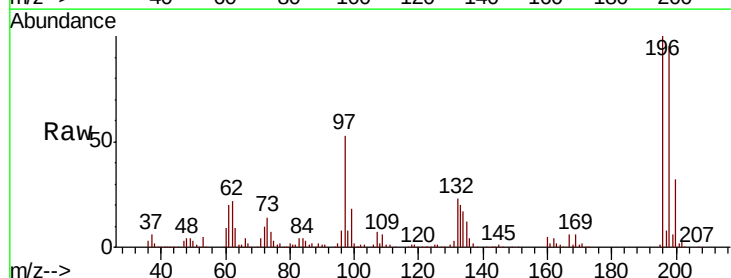
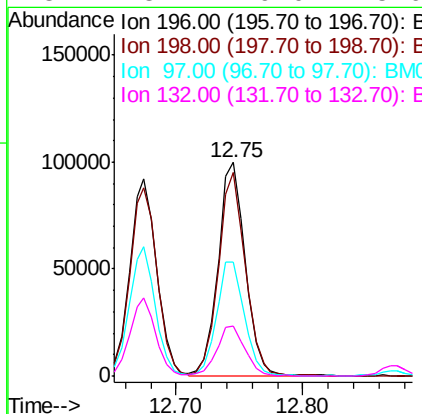
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB131109BS

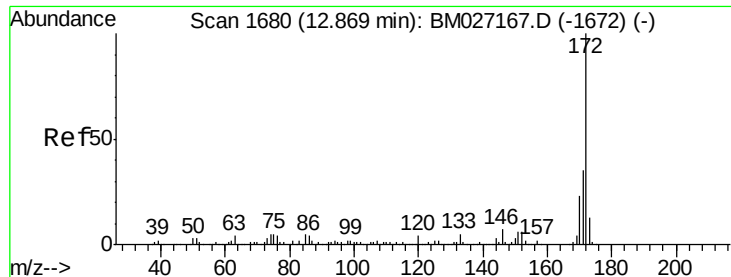
| Tot Ion   | 196   | Resp  | 137005 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.1  | 76.1  | 114.1  |
| 200       | 31.3  | 25.6  | 38.4   |



#44  
 2,4,5-Trichlorophenol  
 Concen: 35.882 ng  
 RT: 12.75 min Scan# 1659  
 Delta R.T. 0.00 min  
 Lab File: BM027176.D  
 Acq: 21 Aug 2020 19:03

| Tgt Ion   | 196   | Resp  | 149575 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.0  | 78.2  | 117.4  |
| 97        | 53.2  | 43.5  | 65.3   |
| 132       | 23.1  | 19.0  | 28.6   |

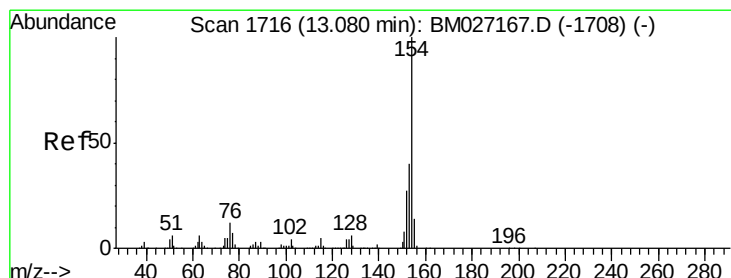
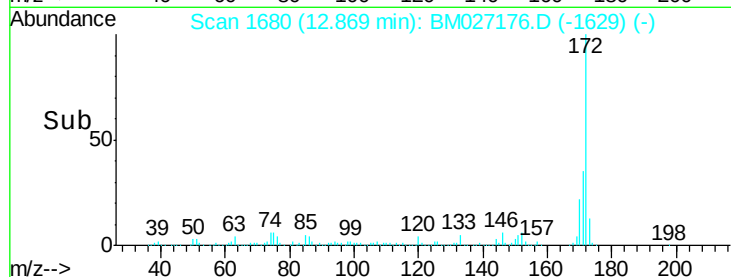
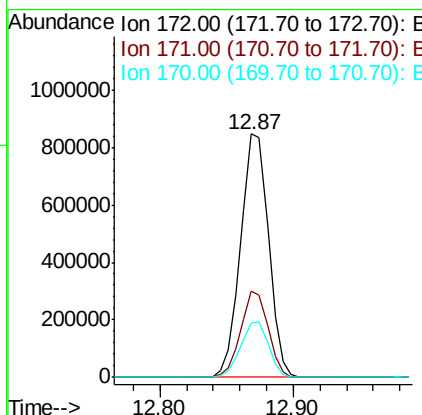
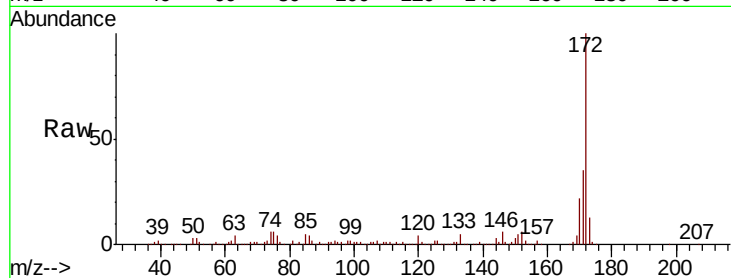




#45  
2-Fluorobiphenyl  
Concen: 89.138 ng  
RT: 12.87 min Scan# 1680  
Delta R.T. 0.00 min  
Lab File: BM027176.D  
Acq: 21 Aug 2020 19:03

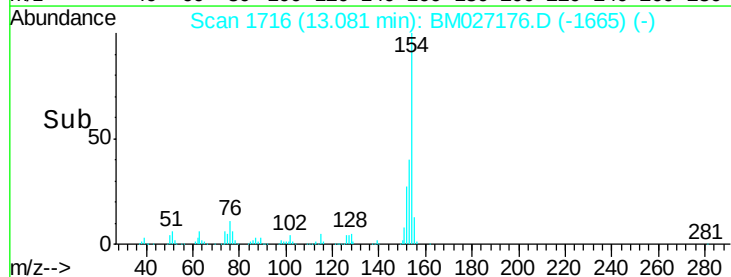
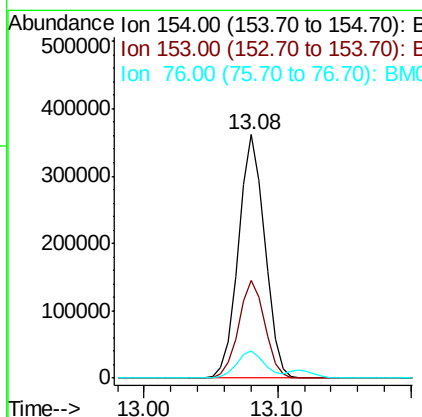
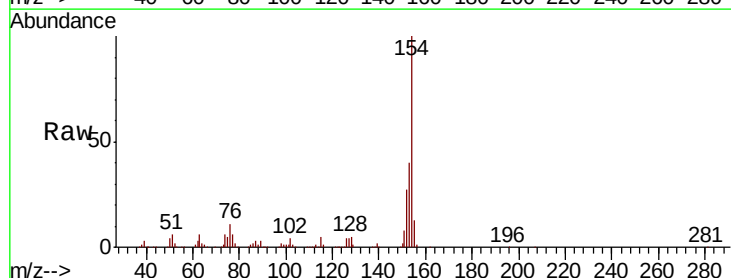
Instrument :  
BNA\_M  
ClientSampled :  
PB131109BS

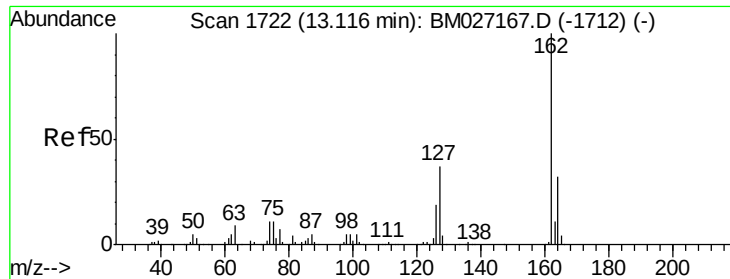
Tot Ion:172 Resp: 1226626  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.1 42.1  
170 22.5 18.6 28.0



#46  
1,1'-Biphenyl  
Concen: 36.439 ng  
RT: 13.08 min Scan# 1716  
Delta R.T. 0.00 min  
Lab File: BM027176.D  
Acq: 21 Aug 2020 19:03

Tgt Ion:154 Resp: 493700  
Ion Ratio Lower Upper  
154 100  
153 39.9 20.2 60.2  
76 11.3 0.0 31.7

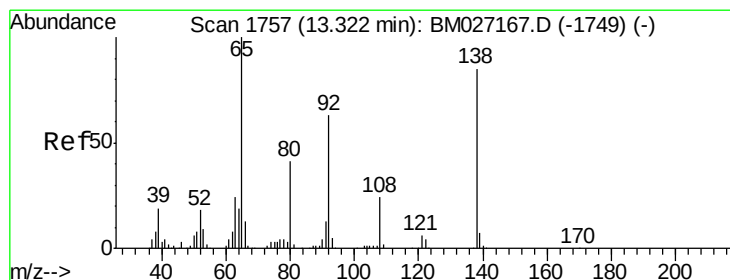
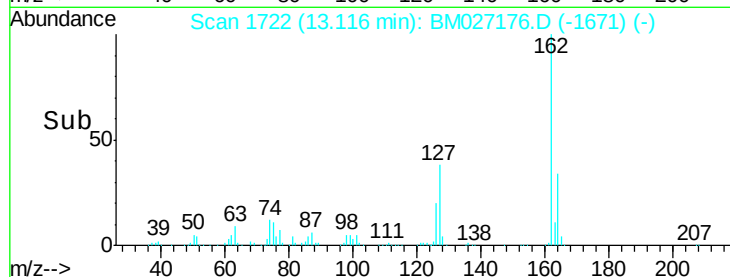
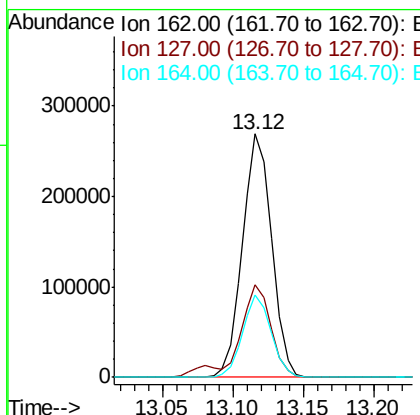
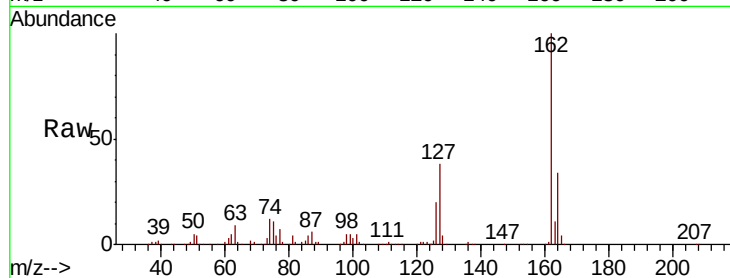




#47  
2-Chloronaphthalene  
Concen: 33.824 ng  
RT: 13.12 min Scan# 1722  
Delta R.T. 0.00 min  
Lab File: BM027176.D  
Acq: 21 Aug 2020 19:03

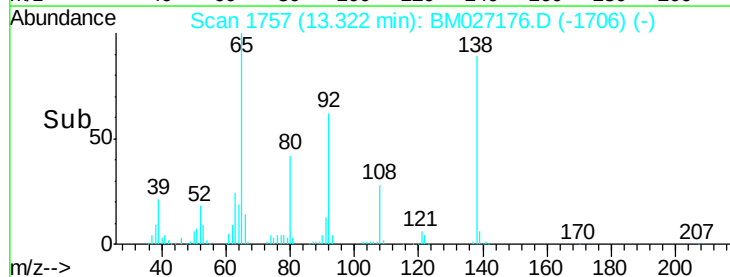
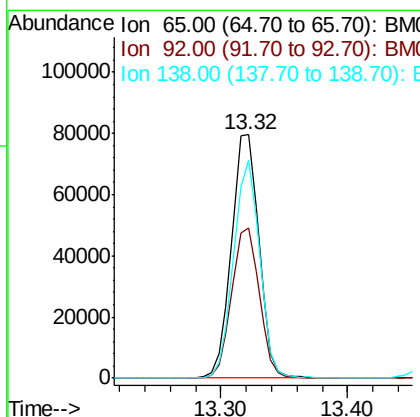
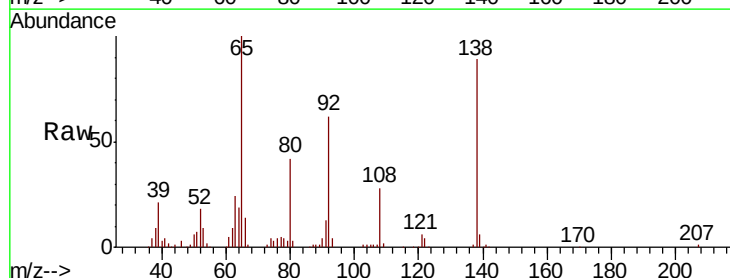
Instrument :  
BNA\_M  
ClientSampleId :  
PB131109BS

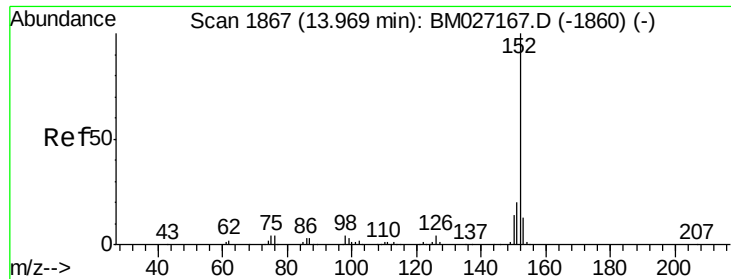
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.0  | 30.2  | 45.2  |
| 164     | 33.8  | 25.6  | 38.4  |



#48  
2-Nitroaniline  
Concen: 32.387 ng  
RT: 13.32 min Scan# 1757  
Delta R.T. 0.00 min  
Lab File: BM027176.D  
Acq: 21 Aug 2020 19:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 61.5  | 50.4  | 75.6  |
| 138     | 89.4  | 68.1  | 102.1 |





#49

Acenaphthylene

Concen: 37.188 ng

RT: 13.97 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA\_M

ClientSampleId :

PB131109BS

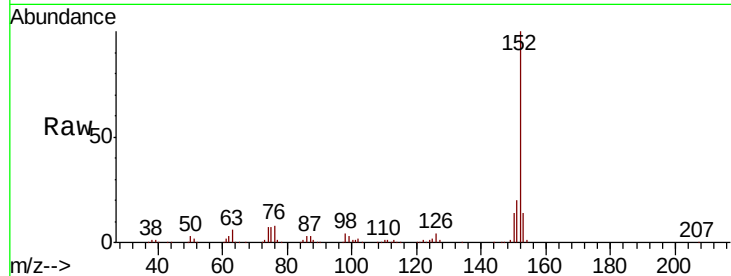
Tot Ion:152 Resp: 597416

Ion Ratio Lower Upper

152 100

151 19.8 16.1 24.1

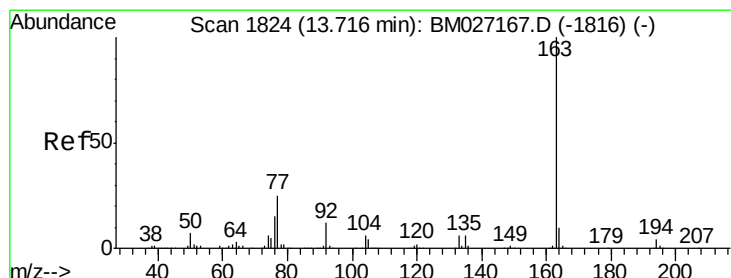
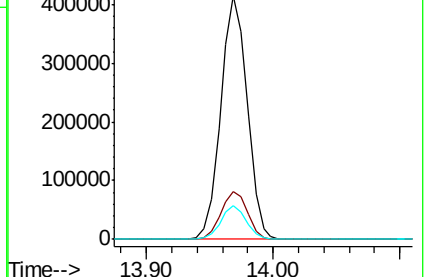
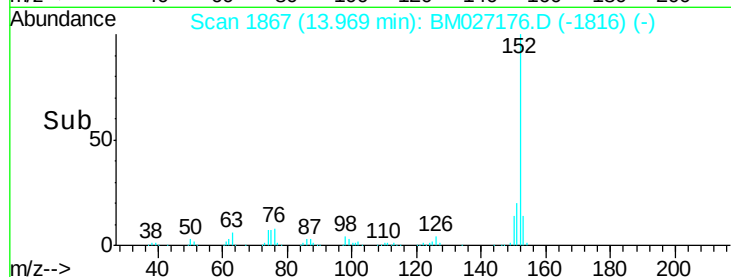
153 13.6 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 32.983 ng

RT: 13.72 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

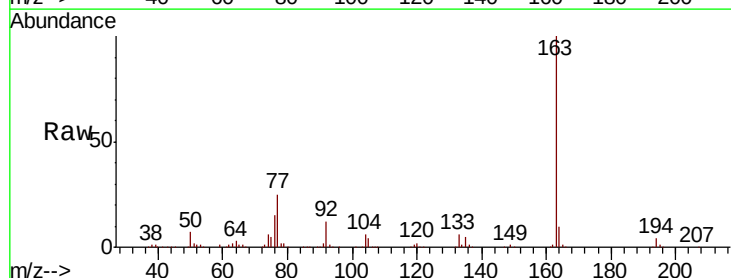
Tgt Ion:163 Resp: 484058

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

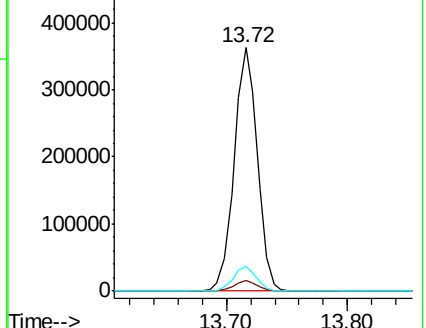
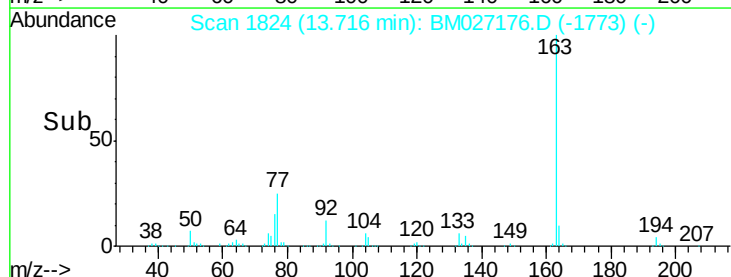
164 10.1 8.2 12.2

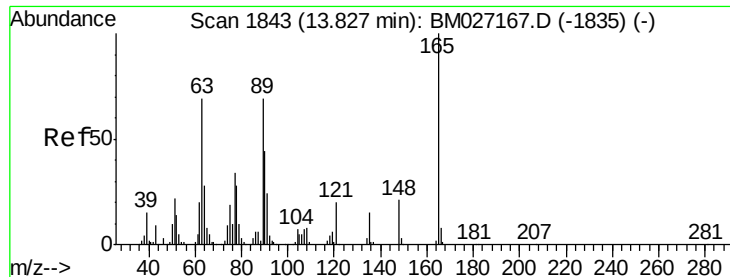


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

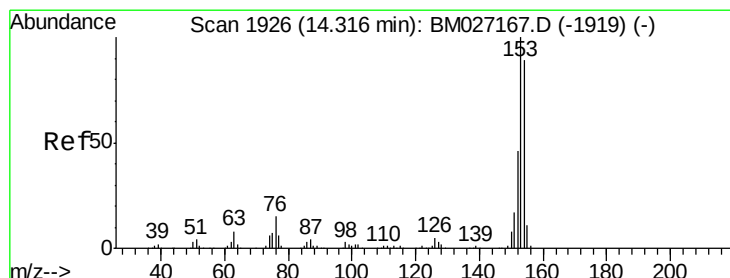
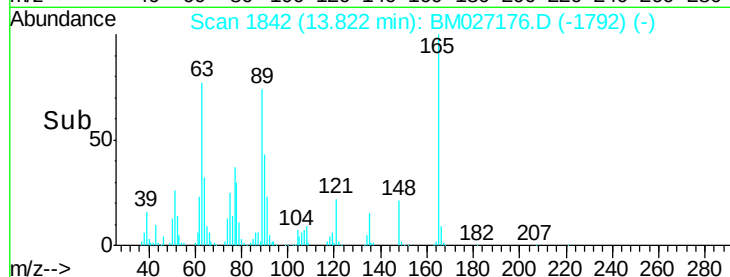
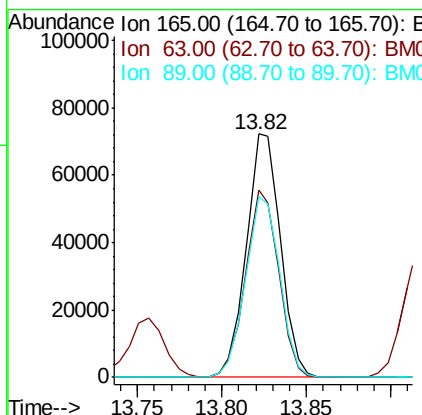
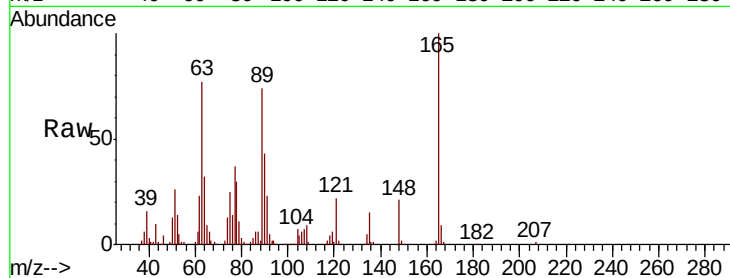




#51  
2,6-Dinitrotoluene  
Concen: 34.825 ng  
RT: 13.82 min Scan# 1842  
Delta R.T. -0.01 min  
Lab File: BM027176.D  
Acq: 21 Aug 2020 19:03

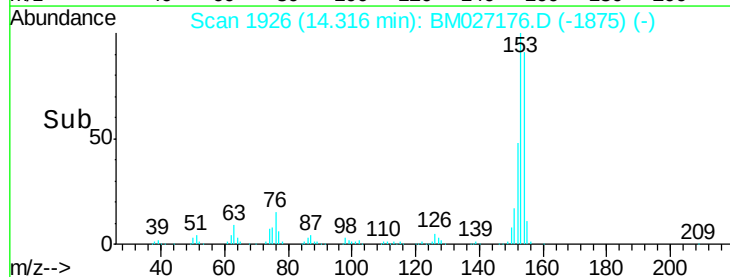
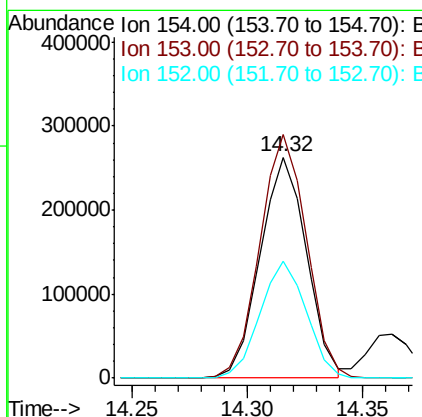
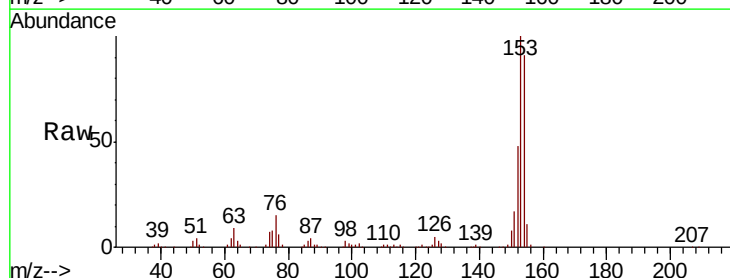
Instrument :  
BNA\_M  
ClientSampleId :  
PB131109BS

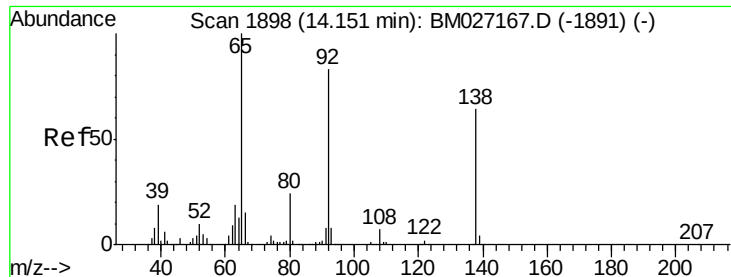
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 77.1  | 56.2  | 84.4  |
| 89      | 74.2  | 55.3  | 82.9  |



#52  
Acenaphthene  
Concen: 35.939 ng  
RT: 14.32 min Scan# 1926  
Delta R.T. 0.00 min  
Lab File: BM027176.D  
Acq: 21 Aug 2020 19:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 110.1 | 90.2  | 135.4 |
| 152     | 52.6  | 41.2  | 61.8  |





#53

3-Nitroaniline

Concen: 21.877 ng

RT: 14.15 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA\_M

ClientSampleId :

PB131109BS

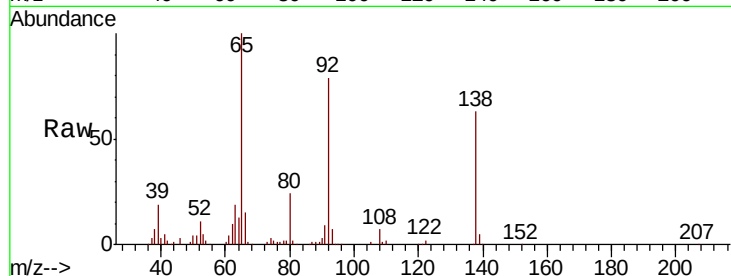
Tot Ion:138 Resp: 61572

Ion Ratio Lower Upper

138 100

108 10.9 8.3 12.5

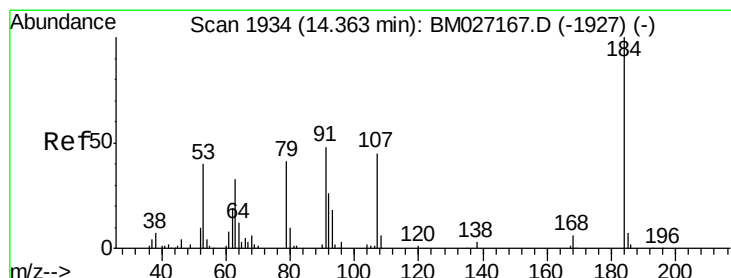
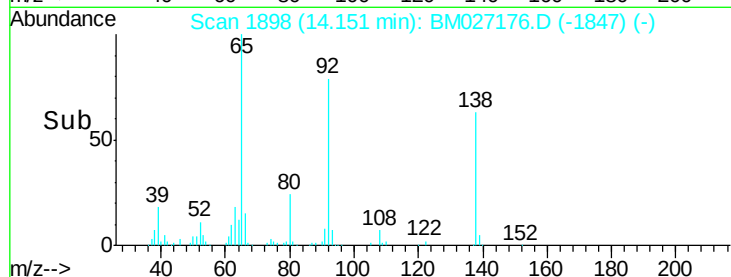
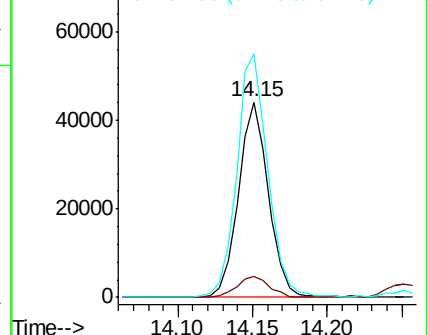
92 124.8 103.4 155.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 71.570 ng

RT: 14.36 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

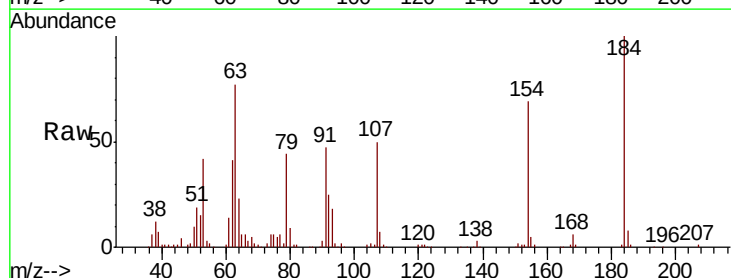
Tgt Ion:184 Resp: 109045

Ion Ratio Lower Upper

184 100

63 76.8 62.6 94.0

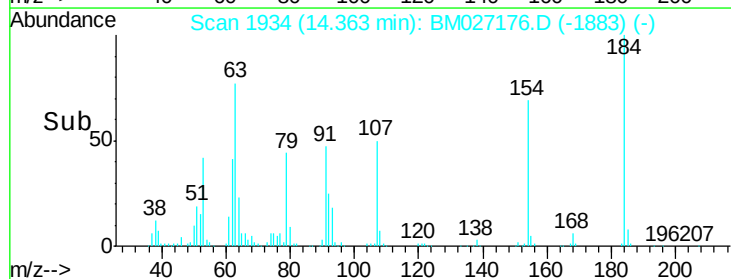
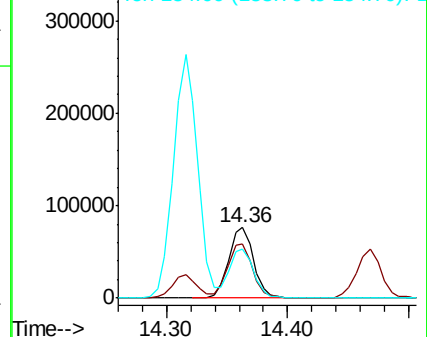
154 69.2 58.7 88.1

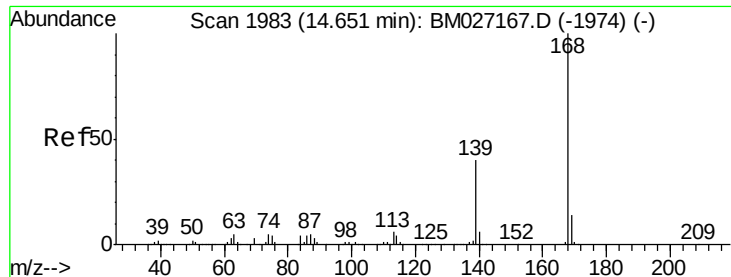


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

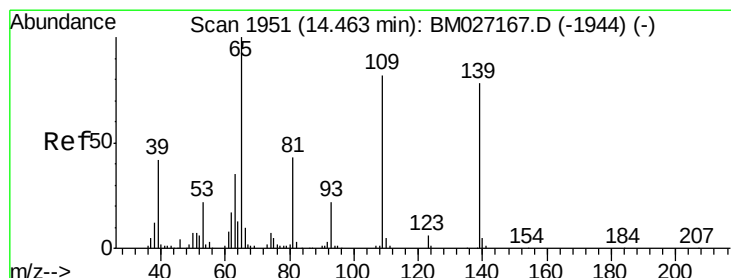
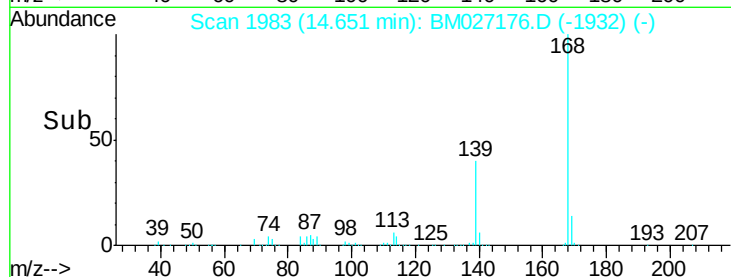
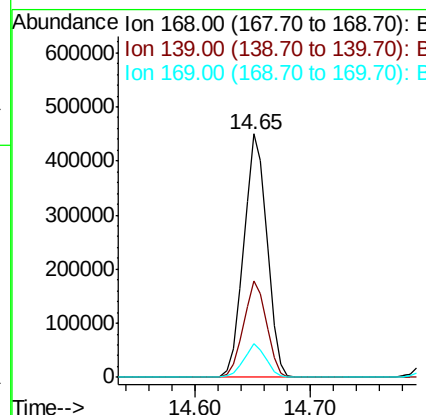
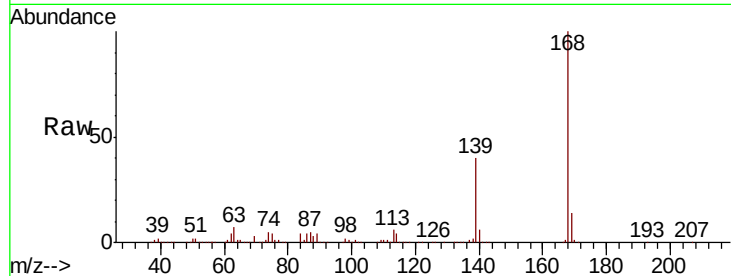




#55  
Dibenzofuran  
Concen: 36.784 ng  
RT: 14.65 min Scan# 1983  
Delta R.T. 0.00 min  
Lab File: BM027176.D  
Acq: 21 Aug 2020 19:03

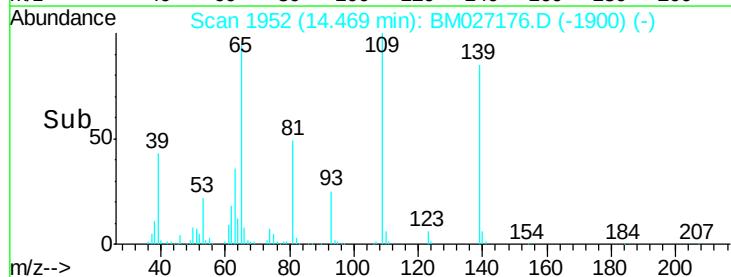
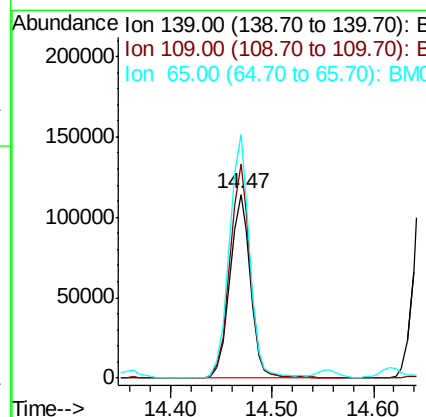
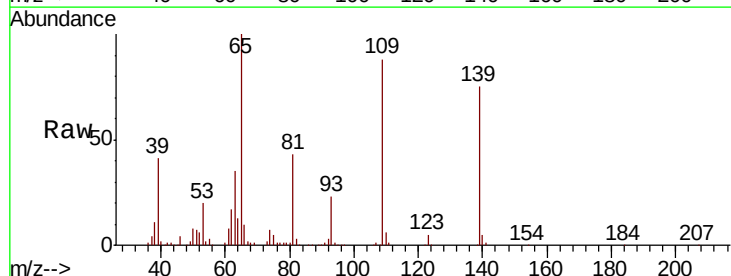
Instrument :  
BNA\_M  
ClientSampleId :  
PB131109BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.6  | 32.4  | 48.6  |
| 169     | 13.9  | 10.9  | 16.3  |

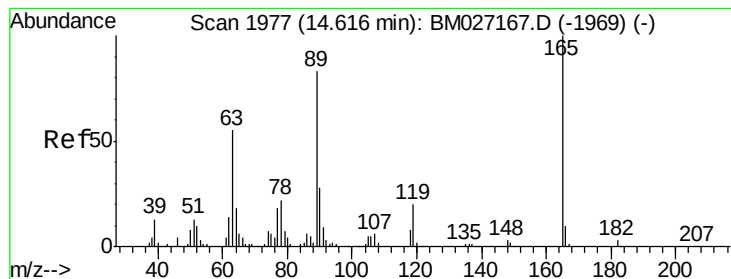


#56  
4-Nitrophenol  
Concen: 71.980 ng  
RT: 14.47 min Scan# 1952  
Delta R.T. 0.01 min  
Lab File: BM027176.D  
Acq: 21 Aug 2020 19:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 116.3 | 85.4  | 125.4 |
| 65      | 132.5 | 108.7 | 148.7 |







#57

2,4-Dinitrotoluene

Concen: 35.962 ng

RT: 14.62 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA\_M

ClientSampleId :

PB131109BS

Tot Ion:165 Resp: 145800

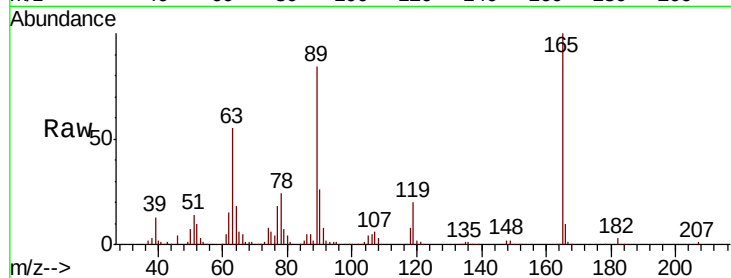
Ion Ratio Lower Upper

165 100

63 54.7 43.8 65.6

89 83.7 66.2 99.2

182 3.1 2.1 3.1

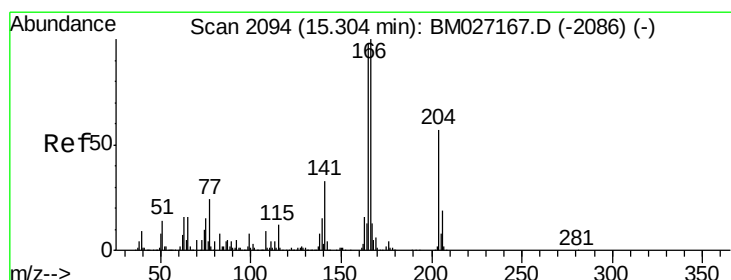
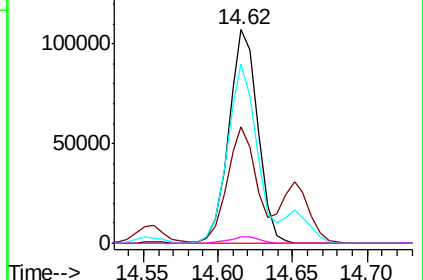
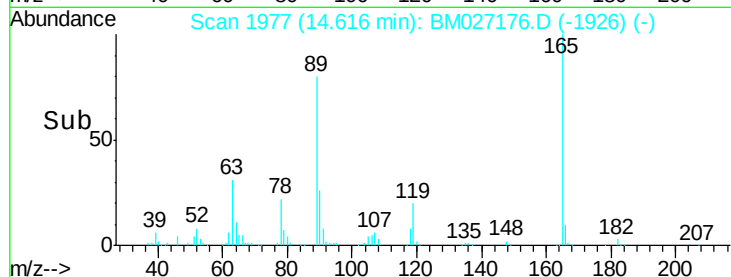


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 36.151 ng

RT: 15.30 min Scan# 2094

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

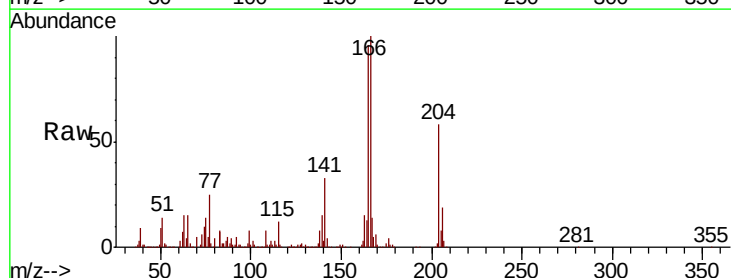
Tgt Ion:166 Resp: 507026

Ion Ratio Lower Upper

166 100

165 96.3 78.3 117.5

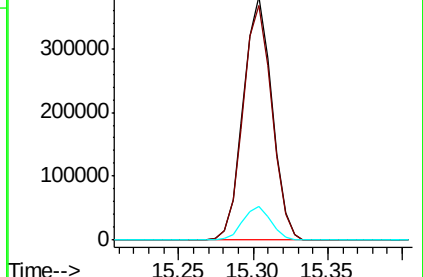
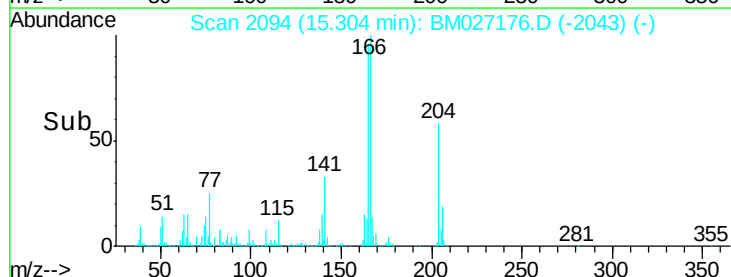
167 13.7 10.7 16.1

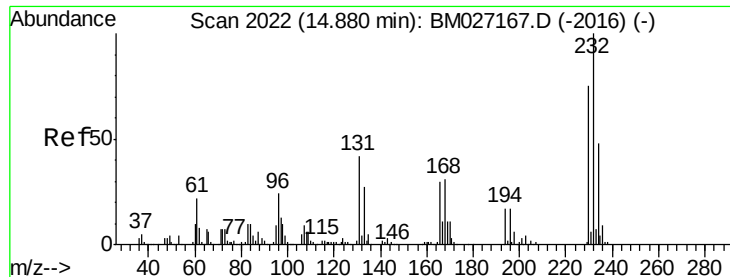


Abundance Ion 166.00 (165.70 to 166.70): E

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: 36.774 ng

RT: 14.88 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA\_M

ClientSampleId :

PB131109BS

Tot Ion:232 Resp: 150160

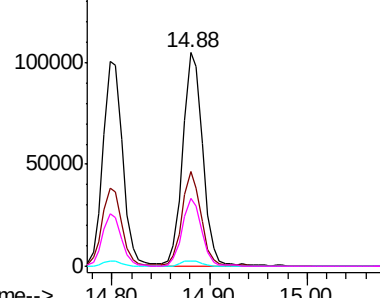
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 42.7  | 34.0  | 51.0  |
| 130 | 2.6   | 2.1   | 3.1   |
| 166 | 30.9  | 25.0  | 37.4  |

Abundance Ion 232.00 (231.70 to 232.70): E

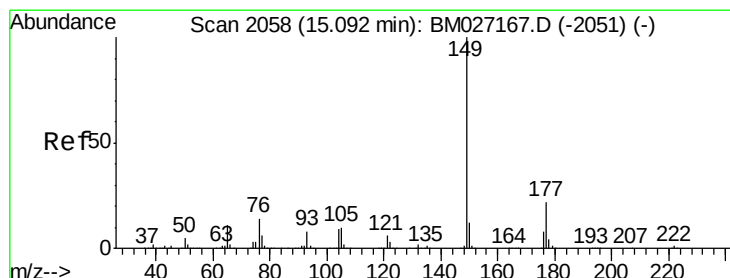
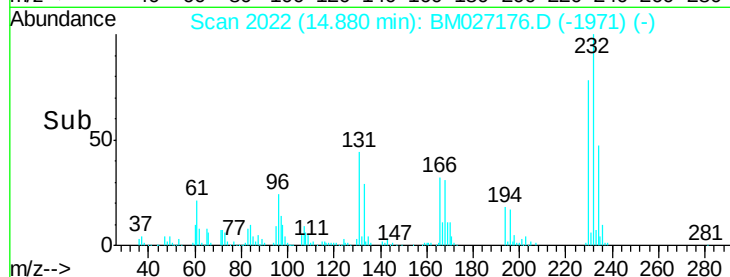
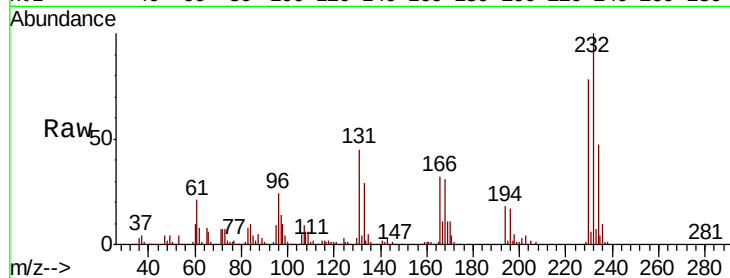
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 34.200 ng

RT: 15.09 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

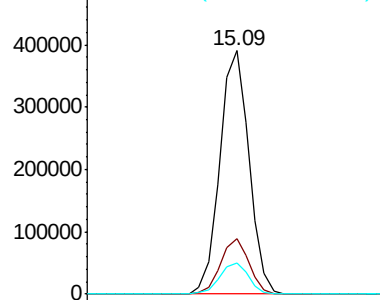
Tgt Ion:149 Resp: 497940

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 22.9  | 17.5  | 26.3  |
| 150 | 12.7  | 9.8   | 14.8  |

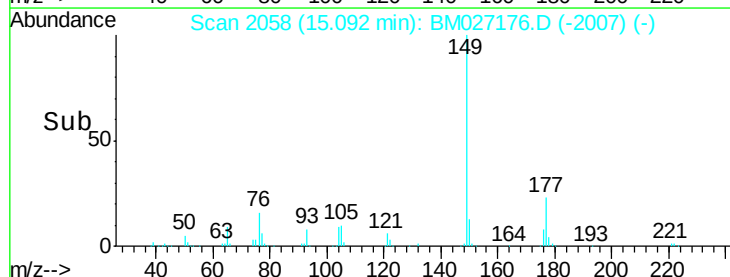
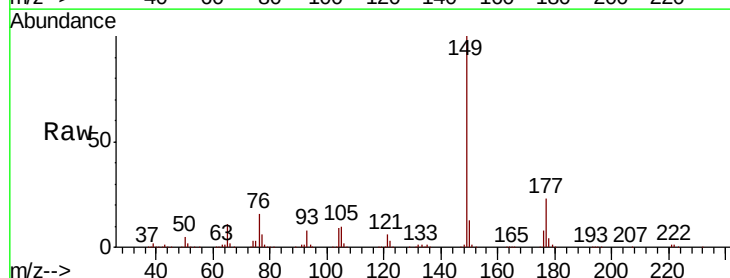
Abundance Ion 149.00 (148.70 to 149.70): E

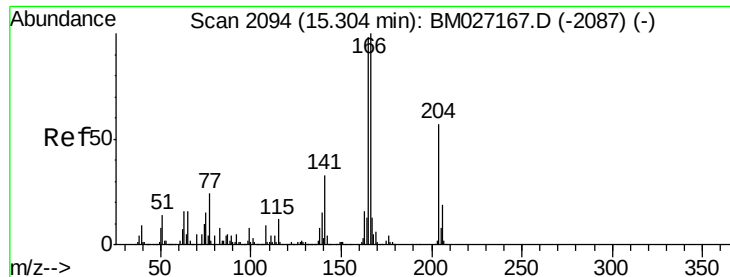
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->

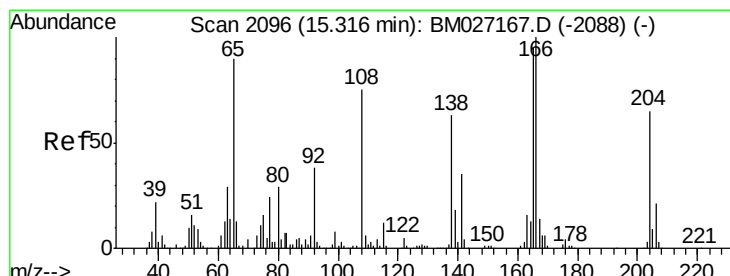
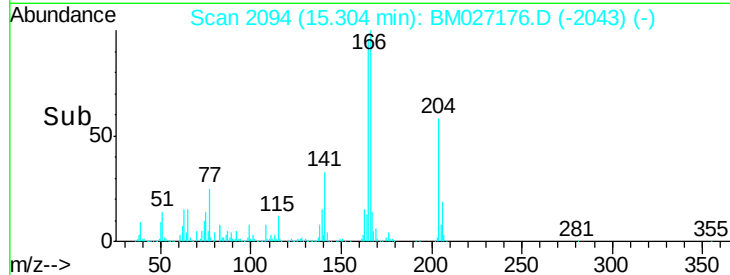
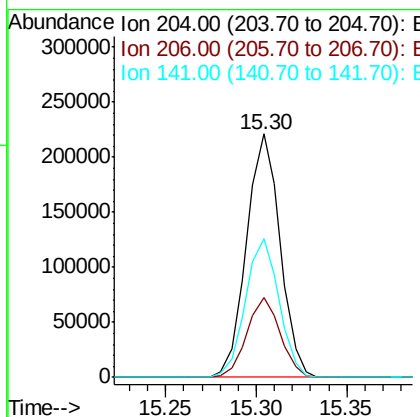
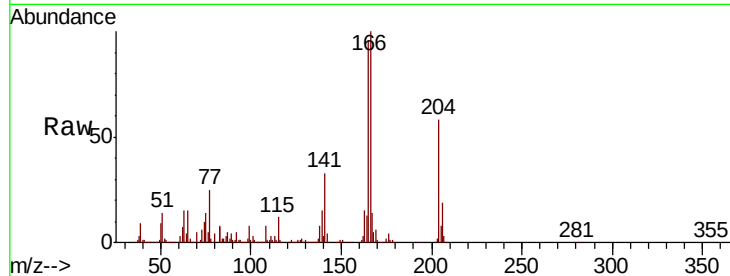




#61  
 4-Chlorophenyl-phenylether  
 Concen: 35.325 ng  
 RT: 15.30 min Scan# 2094  
 Delta R.T. 0.00 min  
 Lab File: BM027176.D  
 Acq: 21 Aug 2020 19:03

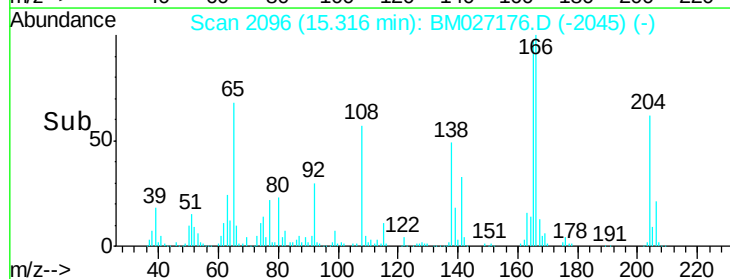
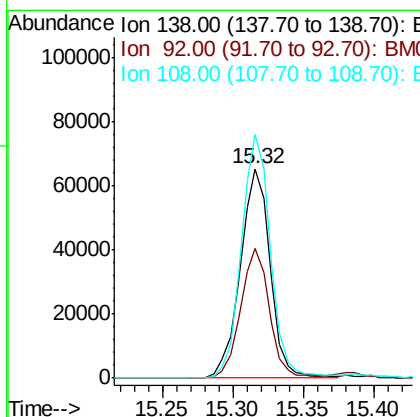
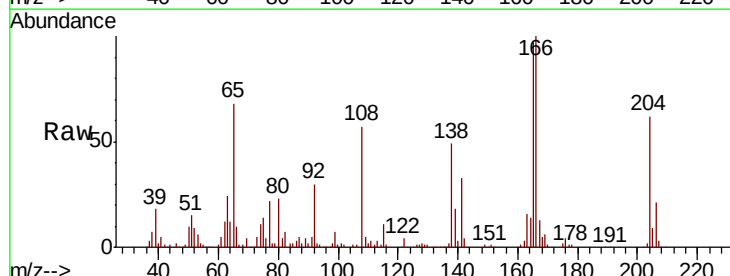
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB131109BS

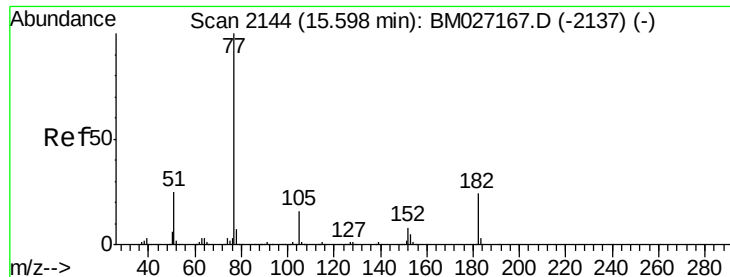
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 204   | Resp: | 284553 |
| Ion      | Ratio | Lower | Upper  |
| 204      | 100   |       |        |
| 206      | 32.9  | 26.2  | 39.2   |
| 141      | 56.8  | 46.2  | 69.4   |



#62  
 4-Nitroaniline  
 Concen: 30.712 ng  
 RT: 15.32 min Scan# 2096  
 Delta R.T. 0.00 min  
 Lab File: BM027176.D  
 Acq: 21 Aug 2020 19:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 138   | Resp: | 96999 |
| Ion      | Ratio | Lower | Upper |
| 138      | 100   |       |       |
| 92       | 61.9  | 40.0  | 80.0  |
| 108      | 116.4 | 100.6 | 140.6 |





#63

Azobenzene

Concen: 37.312 ng

RT: 15.60 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA\_M

ClientSampleId :

PB131109BS

Tot Ion: 77 Resp: 557348

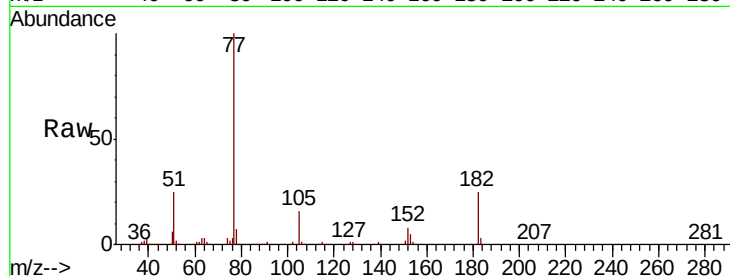
Ion Ratio Lower Upper

77 100

182 24.6 4.0 44.0

105 16.3 0.0 36.0

51 25.0 5.0 45.0

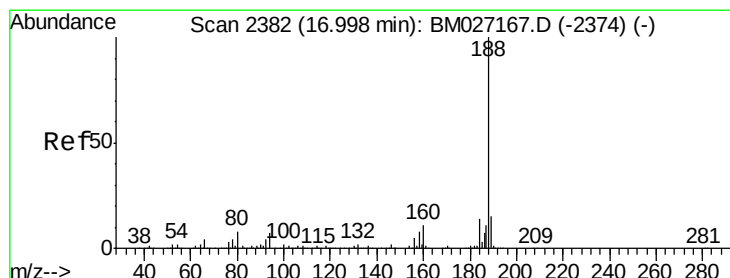
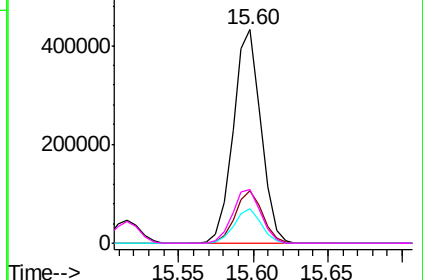
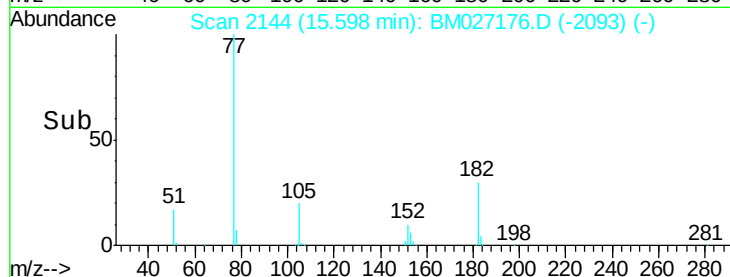


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: 17.00 min Scan# 2382

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

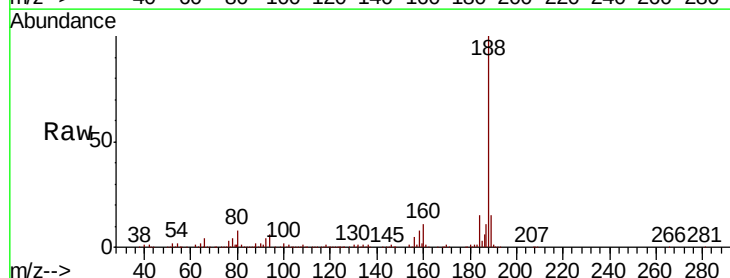
Tgt Ion: 188 Resp: 421297

Ion Ratio Lower Upper

188 100

94 6.4 5.5 8.3

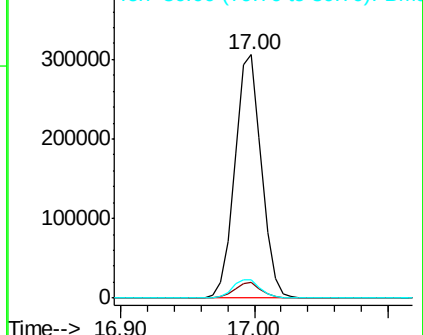
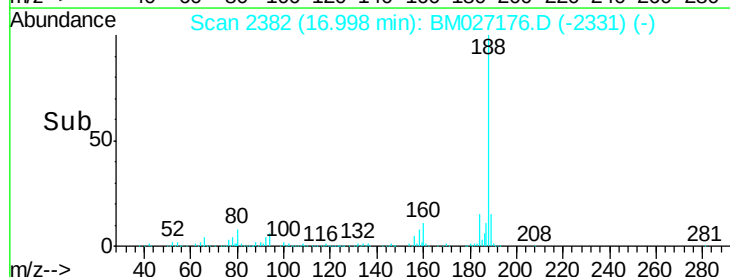
80 7.5 6.2 9.4

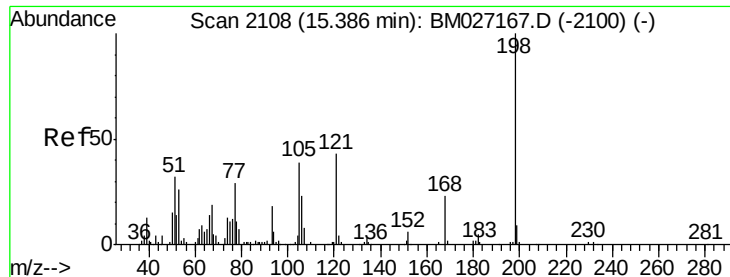


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

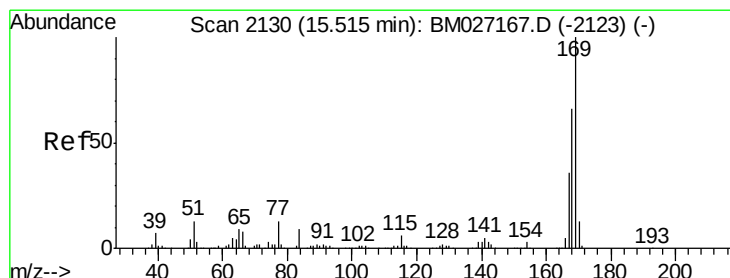
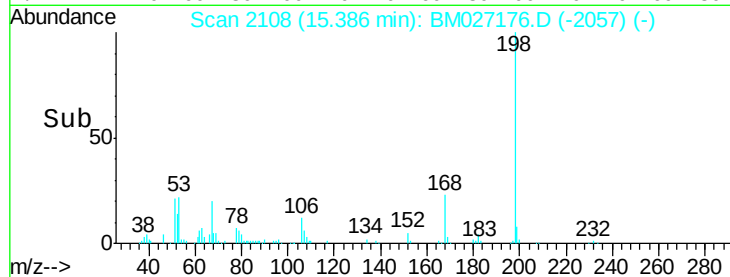
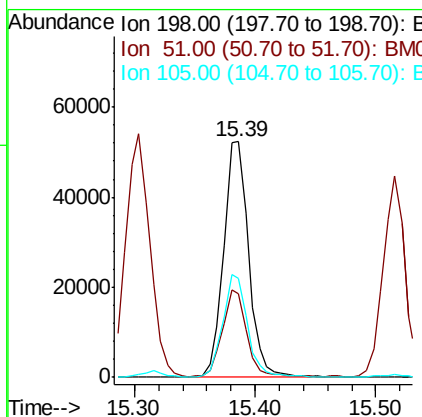
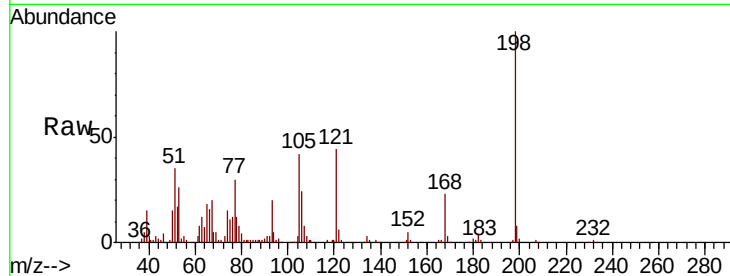




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 36.363 ng  
 RT: 15.39 min Scan# 2108  
 Delta R.T. 0.00 min  
 Lab File: BM027176.D  
 Acq: 21 Aug 2020 19:03

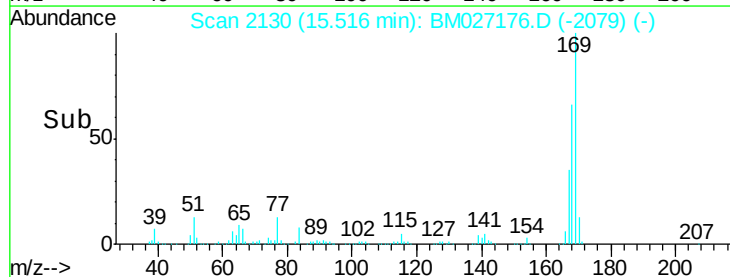
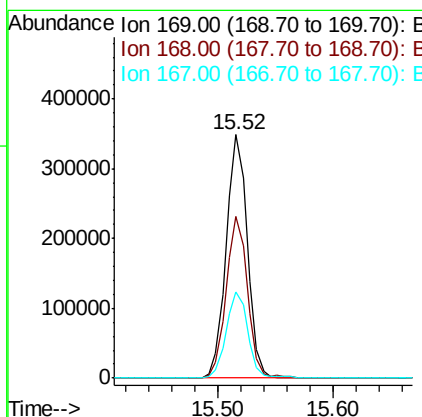
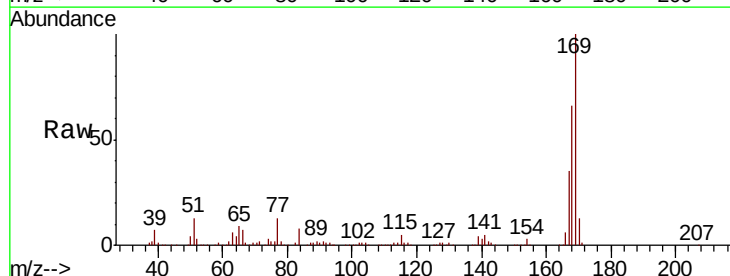
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB131109BS

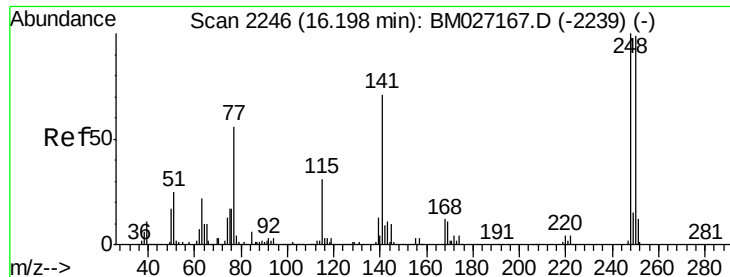
| Tot Ion   | 198  | Resp  | 75239 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 51        | 35.4 | 12.1  | 52.1  |
| 105       | 42.0 | 18.9  | 58.9  |



#66  
 n-Nitrosodiphenylamine  
 Concen: 36.943 ng  
 RT: 15.52 min Scan# 2130  
 Delta R.T. 0.00 min  
 Lab File: BM027176.D  
 Acq: 21 Aug 2020 19:03

| Tgt Ion   | 169  | Resp  | 442047 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 168       | 66.2 | 52.9  | 79.3   |
| 167       | 35.5 | 28.5  | 42.7   |

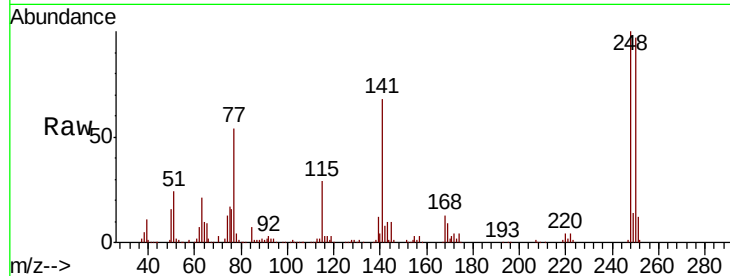




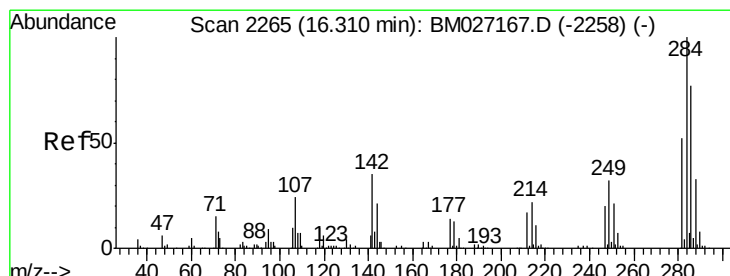
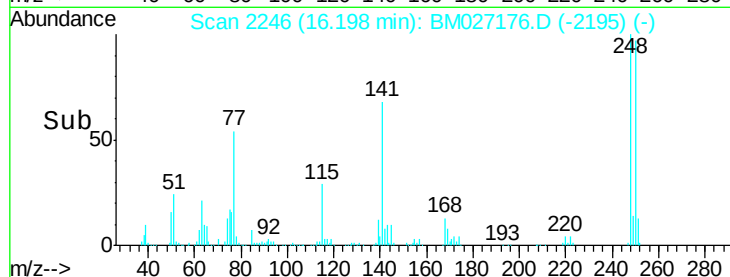
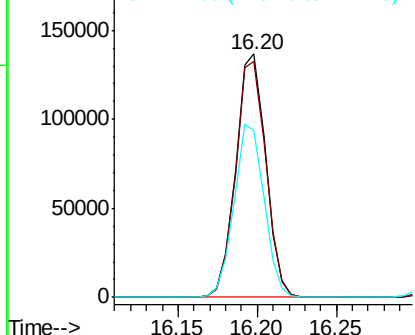
#67  
4-Bromophenyl-phenylether  
Concen: 35.179 ng  
RT: 16.20 min Scan# 2246  
Delta R.T. 0.00 min  
Lab File: BM027176.D  
Acq: 21 Aug 2020 19:03

Instrument :  
BNA\_M  
ClientSampleId :  
PB131109BS

Tot Ion:248 Resp: 178941  
Ion Ratio Lower Upper  
248 100  
250 96.8 79.1 118.7  
141 68.4 56.9 85.3

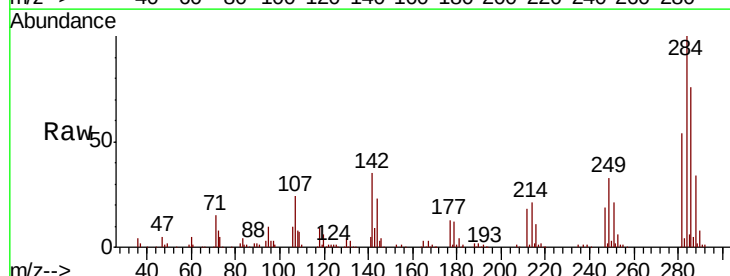


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

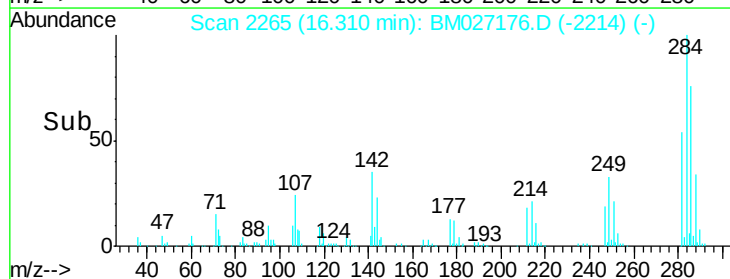
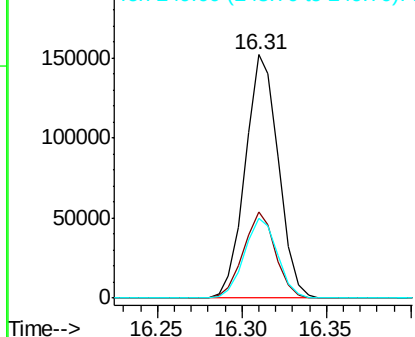


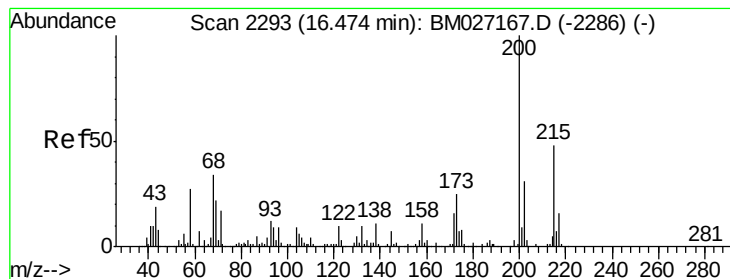
#68  
Hexachlorobenzene  
Concen: 34.376 ng  
RT: 16.31 min Scan# 2265  
Delta R.T. 0.00 min  
Lab File: BM027176.D  
Acq: 21 Aug 2020 19:03

Tgt Ion:284 Resp: 207654  
Ion Ratio Lower Upper  
284 100  
142 35.1 27.8 41.6  
249 32.6 25.6 38.4



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: 31.200 ng

RT: 16.47 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA\_M

ClientSampleId :

PB131109BS

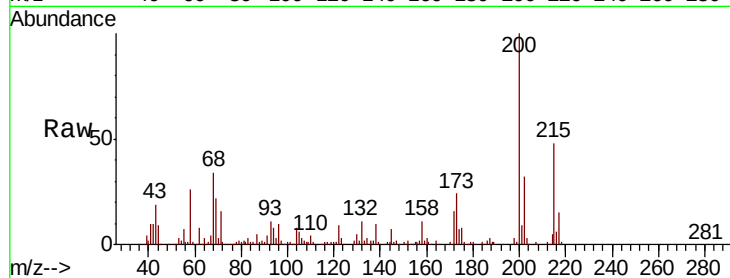
Tot Ion:200 Resp: 141343

Ion Ratio Lower Upper

200 100

173 23.5 4.6 44.6

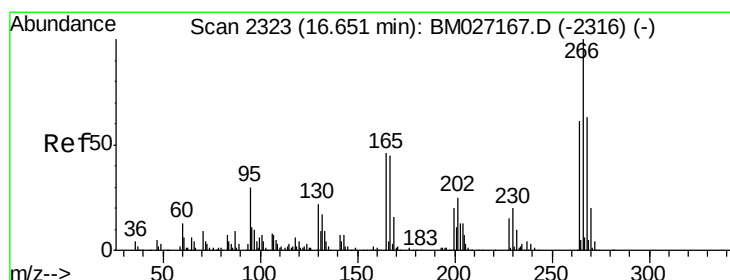
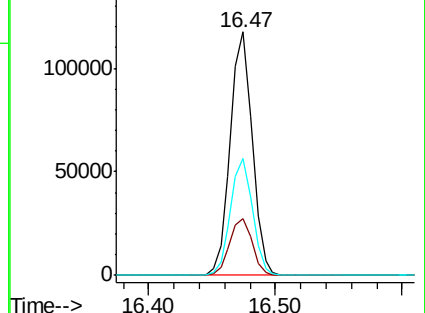
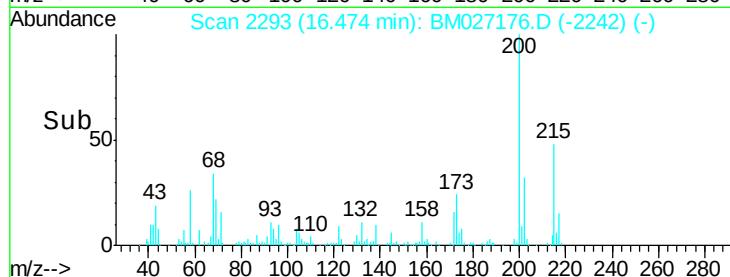
215 47.8 28.5 68.5



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: 77.354 ng

RT: 16.65 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

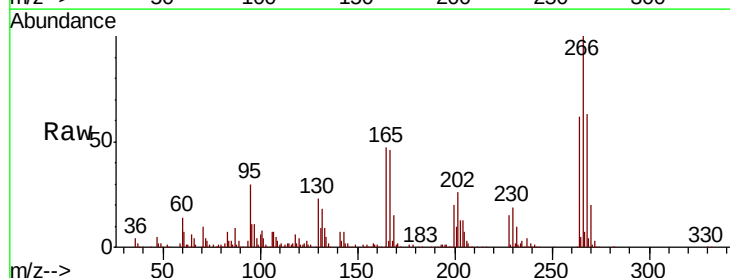
Tgt Ion:266 Resp: 252737

Ion Ratio Lower Upper

266 100

268 63.0 50.2 75.2

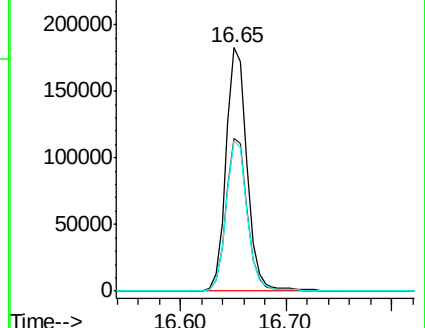
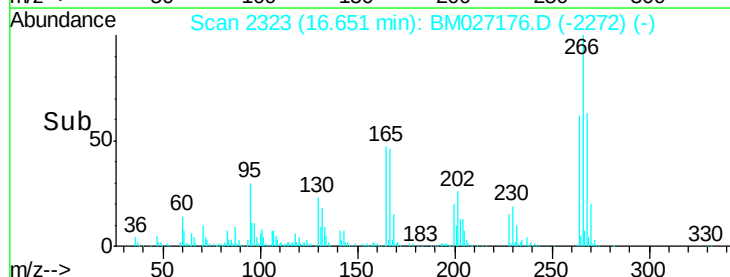
264 61.7 49.1 73.7

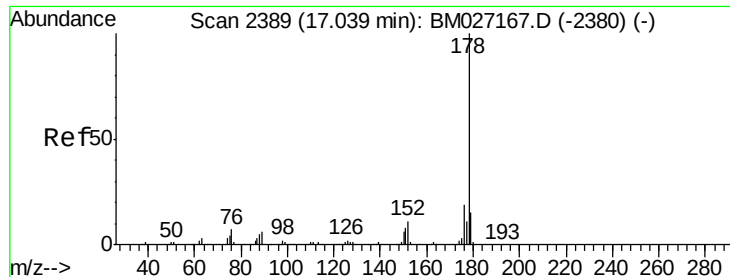


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

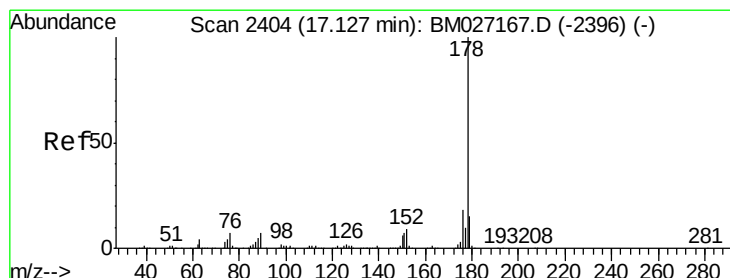
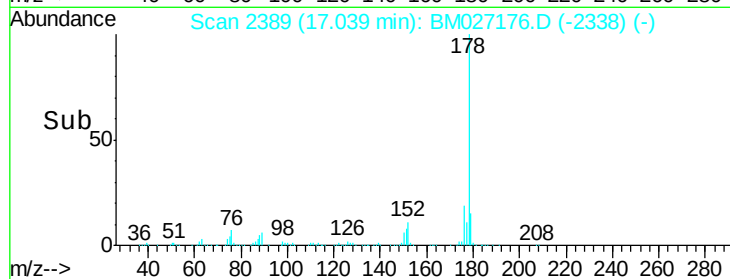
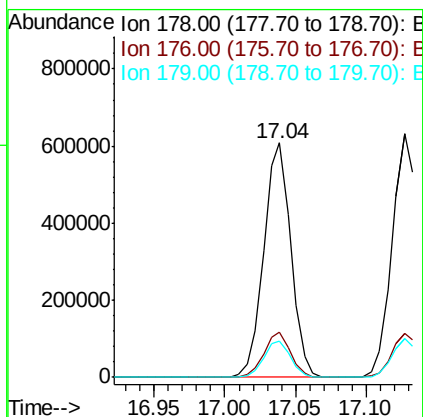
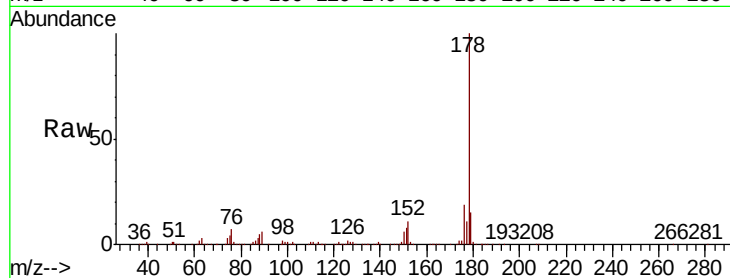




#71  
Phenanthrene  
Concen: 35.103 ng  
RT: 17.04 min Scan# 2389  
Delta R.T. 0.00 min  
Lab File: BM027176.D  
Acq: 21 Aug 2020 19:03

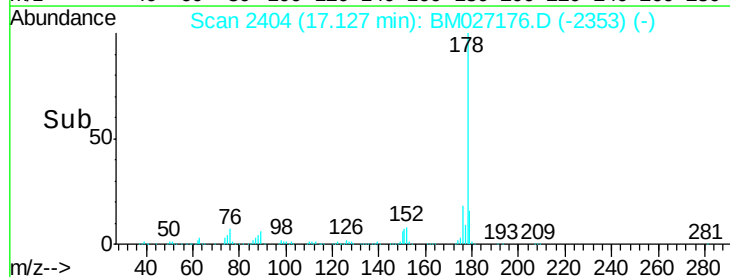
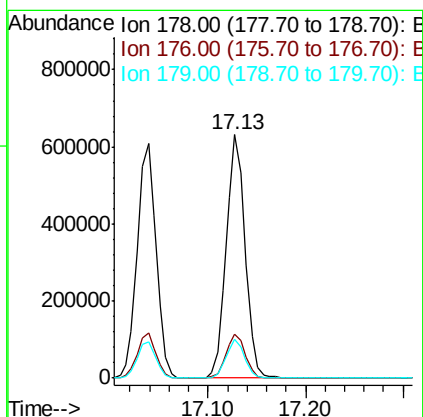
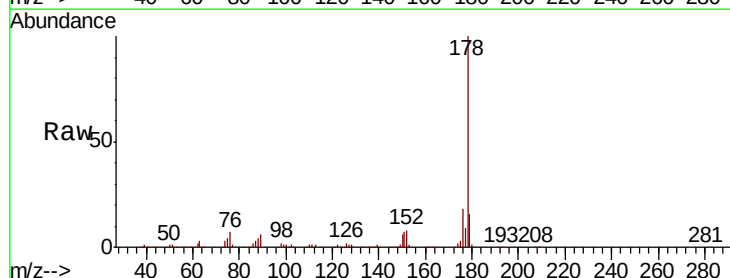
Instrument :  
BNA\_M  
ClientSampleId :  
PB131109BS

Tot Ion:178 Resp: 822127  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.0 22.6  
179 15.4 12.0 18.0

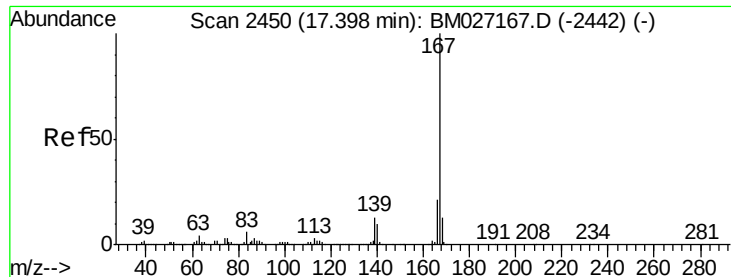


#72  
Anthracene  
Concen: 37.728 ng  
RT: 17.13 min Scan# 2404  
Delta R.T. 0.00 min  
Lab File: BM027176.D  
Acq: 21 Aug 2020 19:03

Tgt Ion:178 Resp: 844693  
Ion Ratio Lower Upper  
178 100  
176 17.8 14.7 22.1  
179 15.8 11.9 17.9



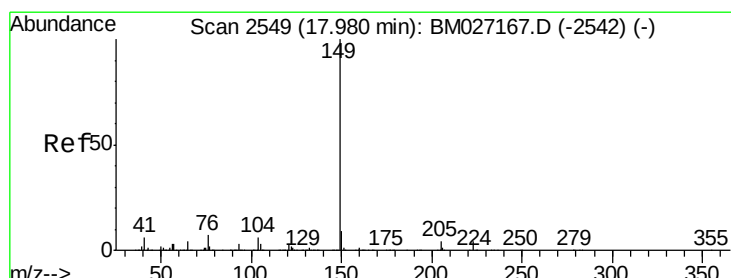
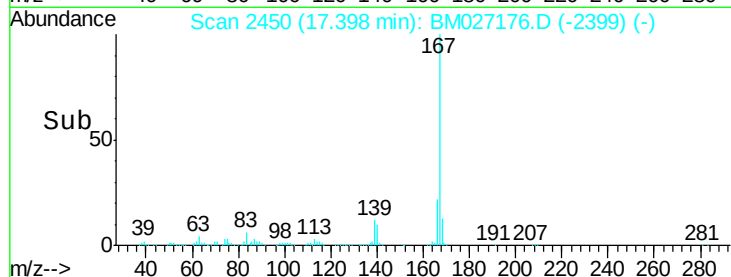
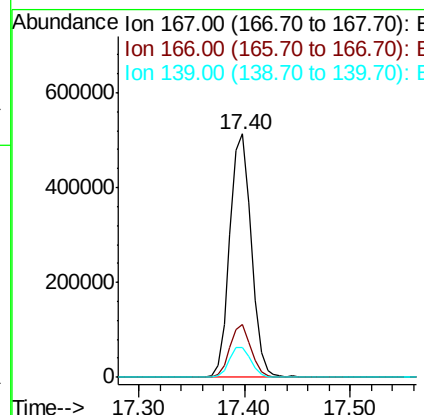
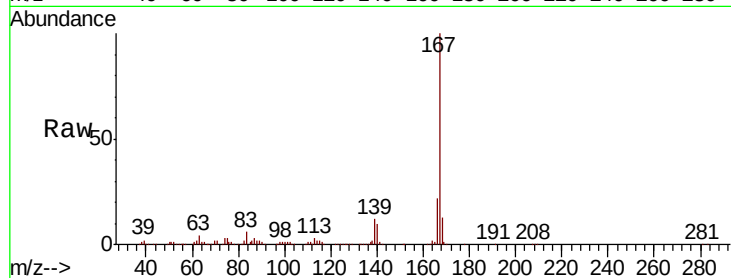




#73  
 Carbazole  
 Concen: 35.128 ng  
 RT: 17.40 min Scan# 2450  
 Delta R.T. 0.00 min  
 Lab File: BM027176.D  
 Acq: 21 Aug 2020 19:03

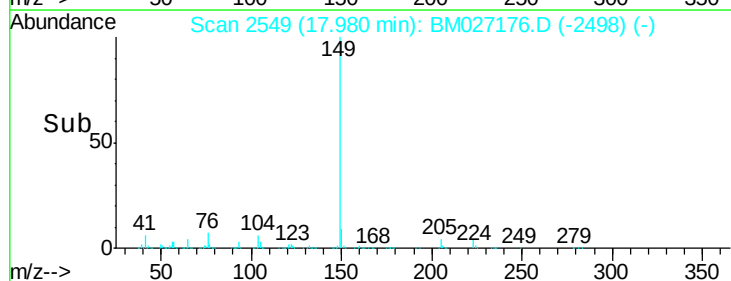
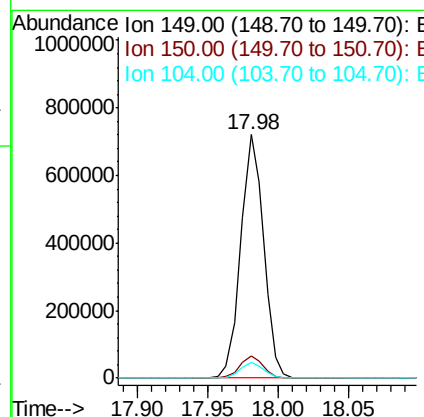
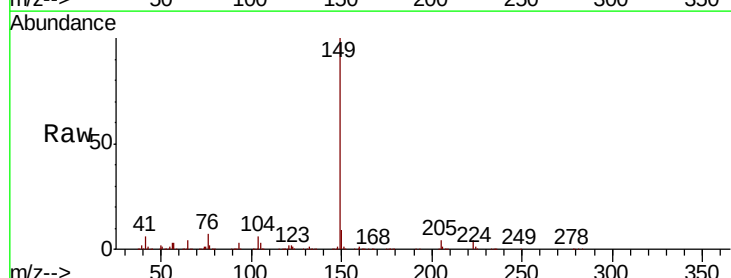
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB131109BS

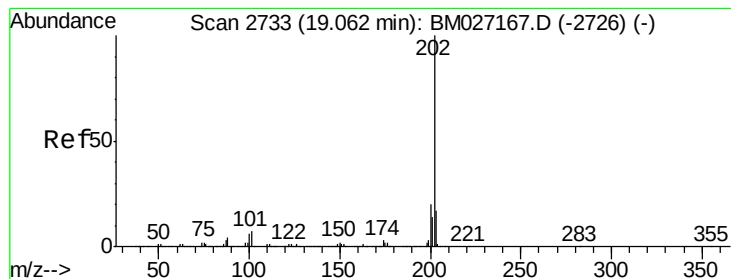
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.5  | 16.6  | 24.8  |
| 139     | 12.3  | 10.2  | 15.2  |



#74  
 Di-n-butylphthalate  
 Concen: 34.292 ng  
 RT: 17.98 min Scan# 2549  
 Delta R.T. 0.00 min  
 Lab File: BM027176.D  
 Acq: 21 Aug 2020 19:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.2   | 7.4   | 11.0  |
| 104     | 6.2   | 5.2   | 7.8   |





#75

Fluoranthene

Concen: 33.018 ng

RT: 19.06 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA\_M

ClientSampleId :

PB131109BS

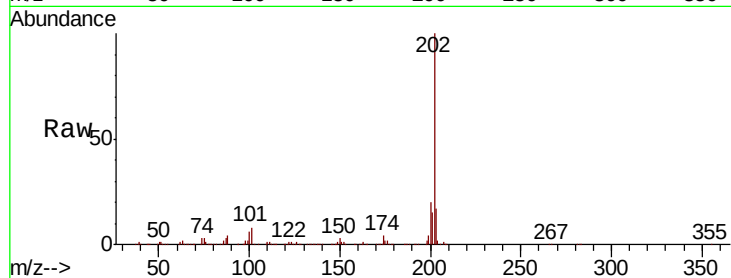
Tot Ion:202 Resp: 965978

Ion Ratio Lower Upper

202 100

101 7.8 0.0 27.2

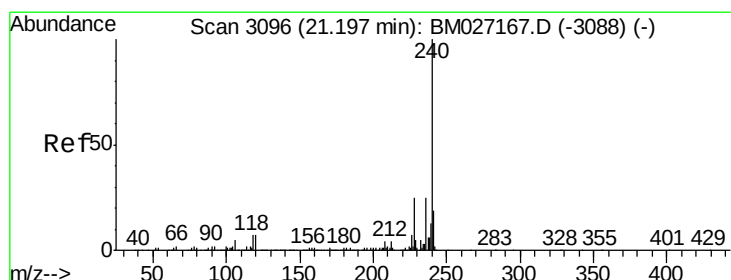
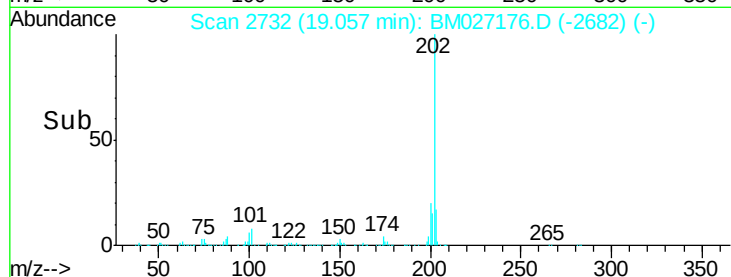
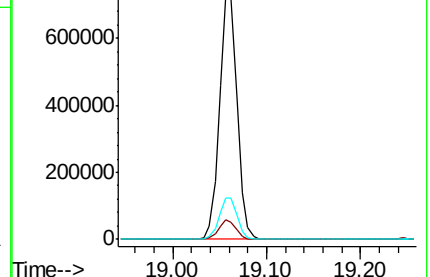
203 17.2 0.0 37.1



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: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

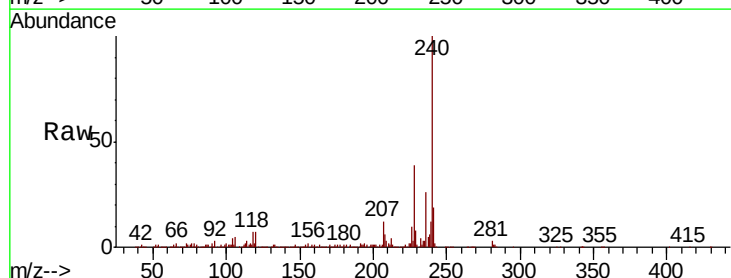
Tgt Ion:240 Resp: 429376

Ion Ratio Lower Upper

240 100

120 7.5 5.6 8.4

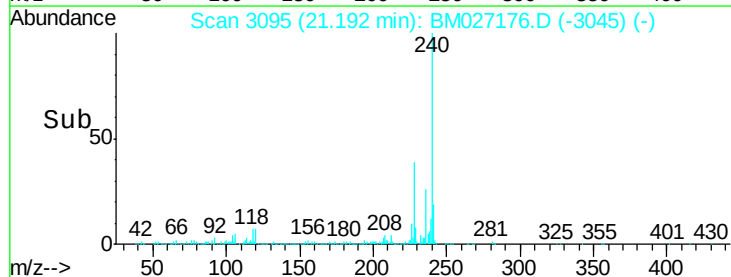
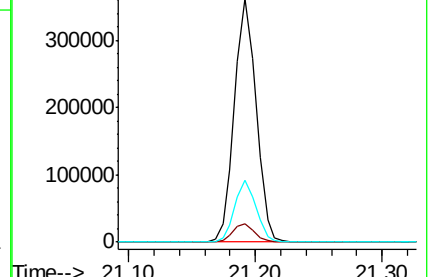
236 25.5 19.8 29.6

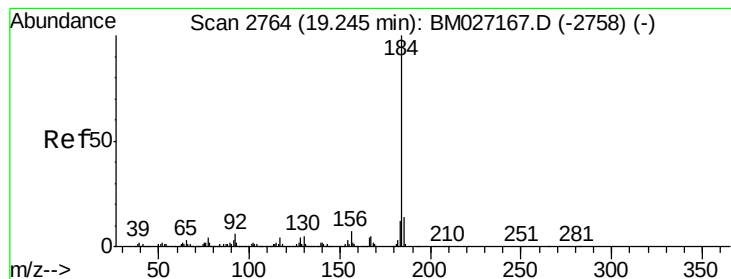


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 62.332 ng

RT: 19.24 min Scan# 2764

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA\_M

ClientSampleId :

PB131109BS

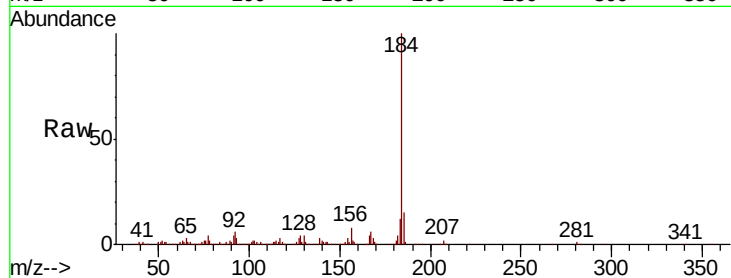
Tot Ion:184 Resp: 464243

Ion Ratio Lower Upper

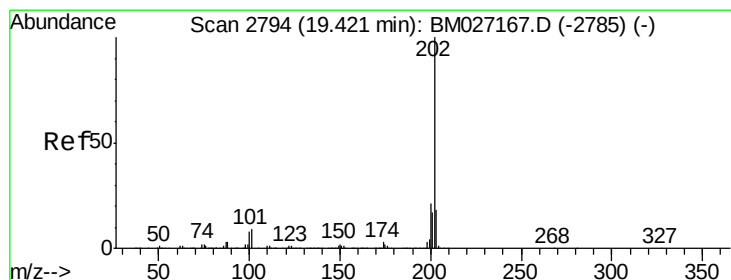
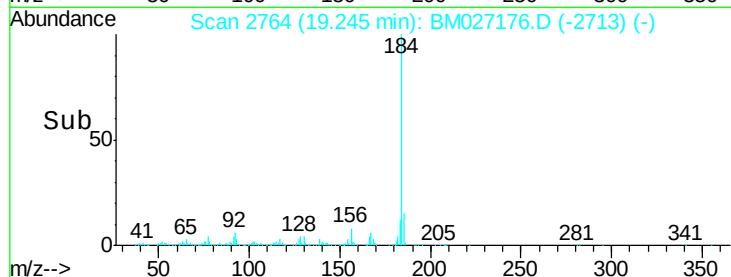
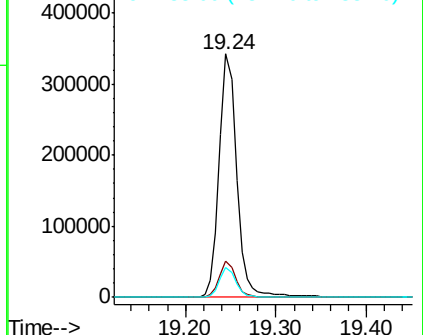
184 100

185 14.8 11.5 17.3

183 12.1 9.4 14.0



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: 38.548 ng

RT: 19.42 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

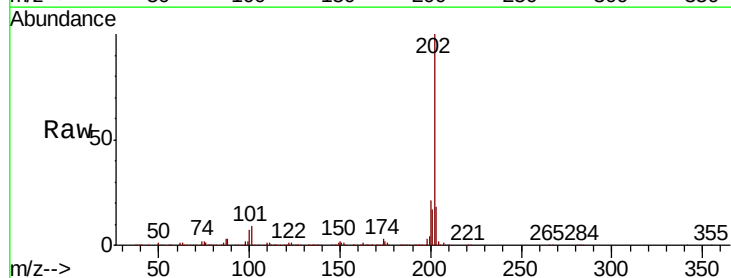
Tgt Ion:202 Resp: 1007151

Ion Ratio Lower Upper

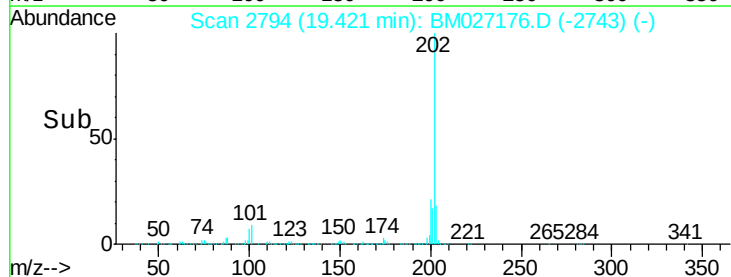
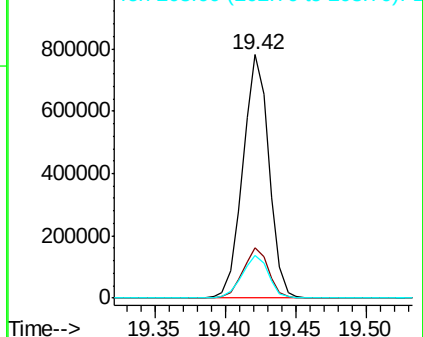
202 100

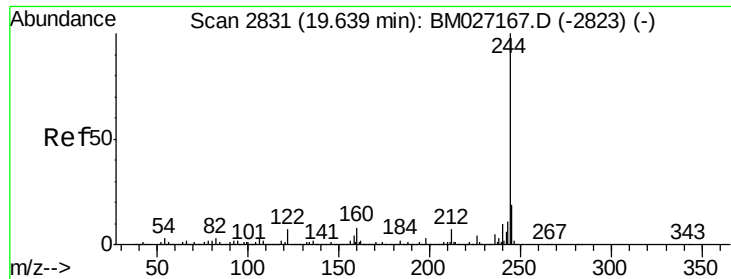
200 20.7 16.6 25.0

203 17.7 14.0 21.0



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: 71.982 ng

RT: 19.63 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA\_M

ClientSampleId :

PB131109BS

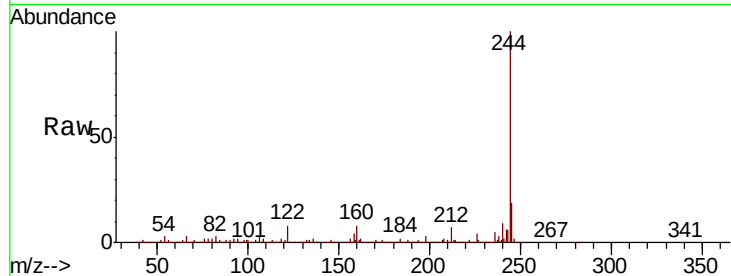
Tot Ion:244 Resp: 1654519

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

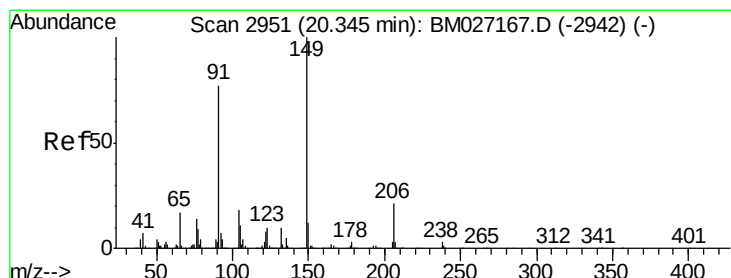
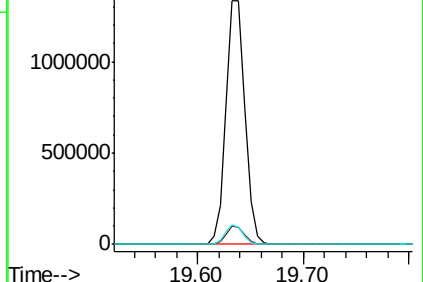
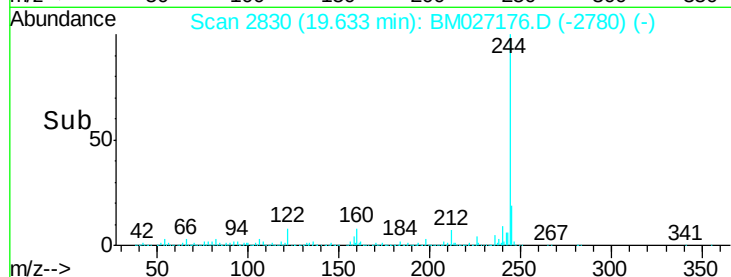
122 7.8 5.8 8.8



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: 36.025 ng

RT: 20.34 min Scan# 2951

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

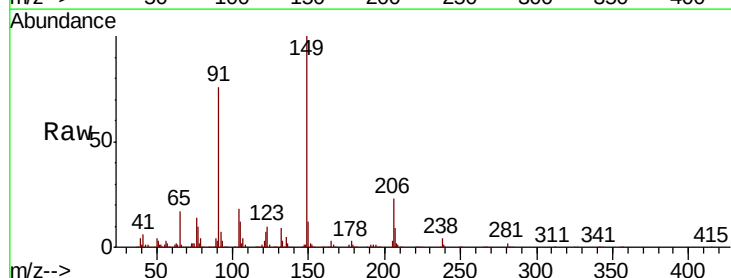
Tgt Ion:149 Resp: 344029

Ion Ratio Lower Upper

149 100

91 75.9 61.7 92.5

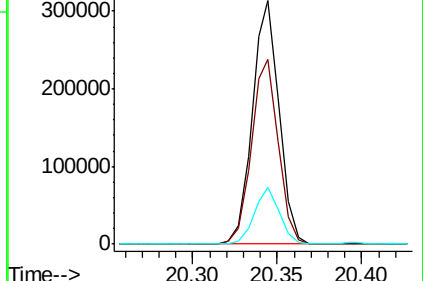
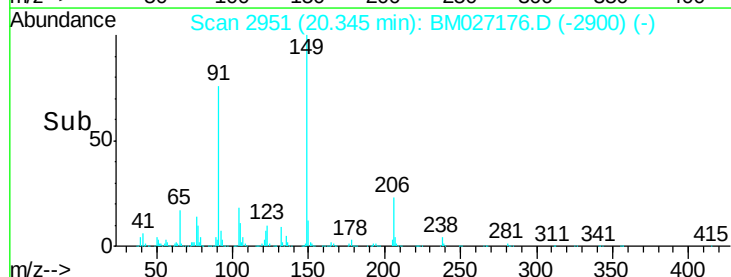
206 23.1 16.6 24.8

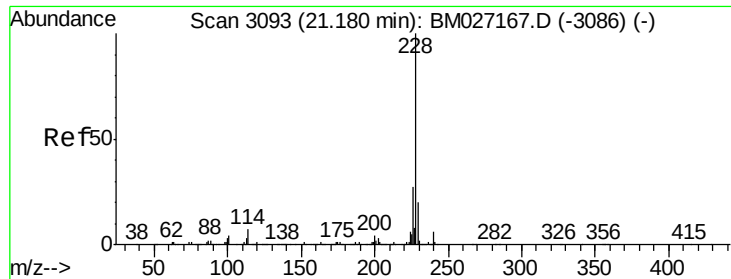


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.624 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

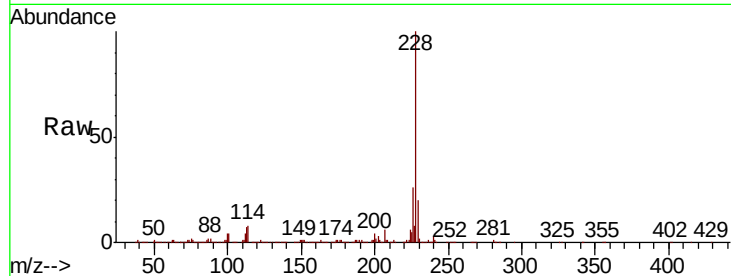
BNA\_M

ClientSampleId :

PB131109BS

Tot Ion:228 Resp: 991177

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 26.1  | 21.4  | 32.2  |
| 229 | 19.7  | 15.8  | 23.6  |

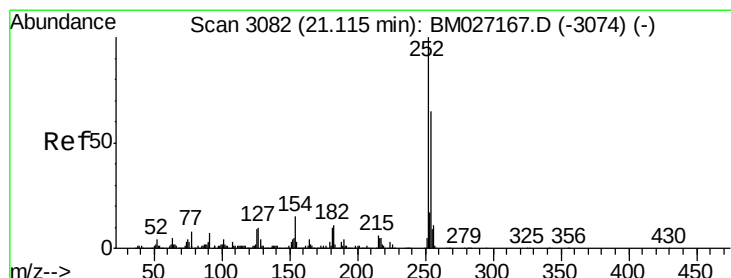
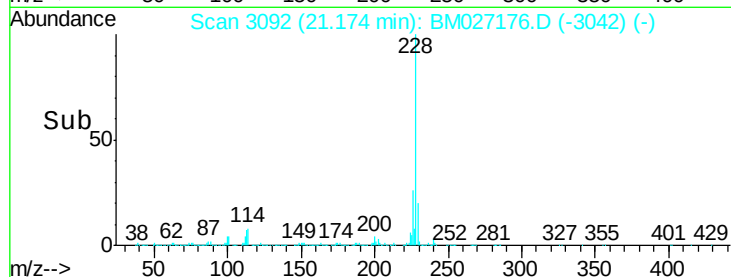
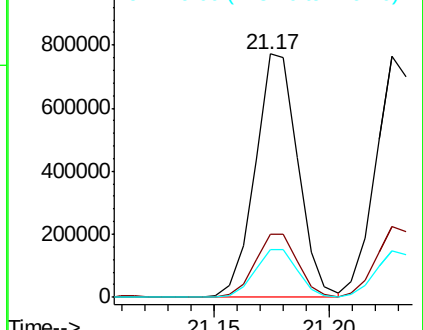


Abundance

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: 27.276 ng

RT: 21.12 min Scan# 3082

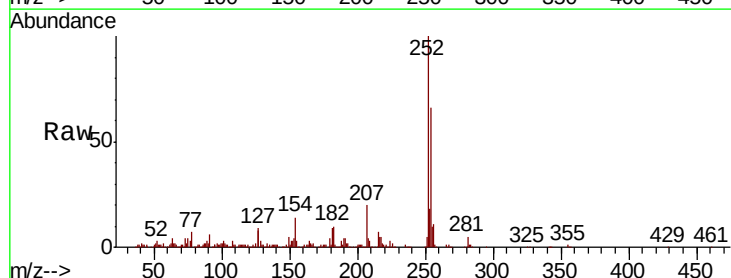
Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Tgt Ion:252 Resp: 264482

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 65.9  | 52.3  | 78.5  |
| 126 | 7.6   | 7.1   | 10.7  |

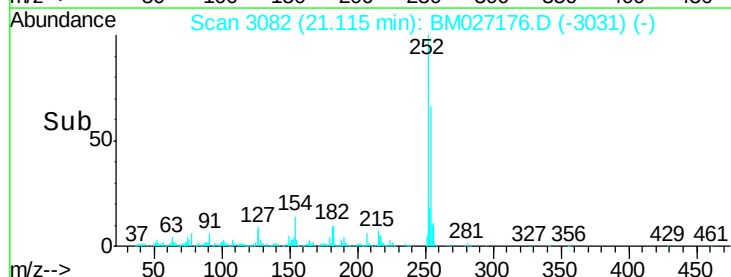
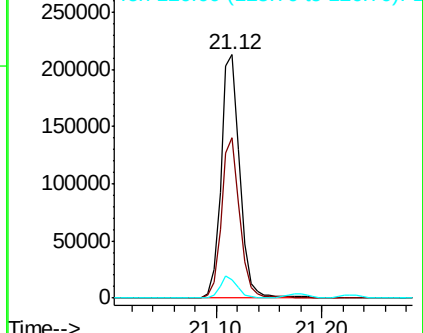


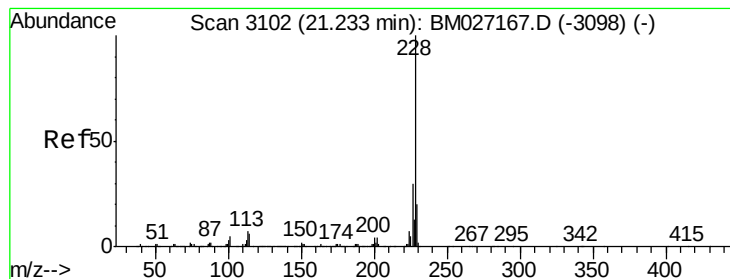
Abundance

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: 35.550 ng

RT: 21.23 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA\_M

ClientSampleId :

PB131109BS

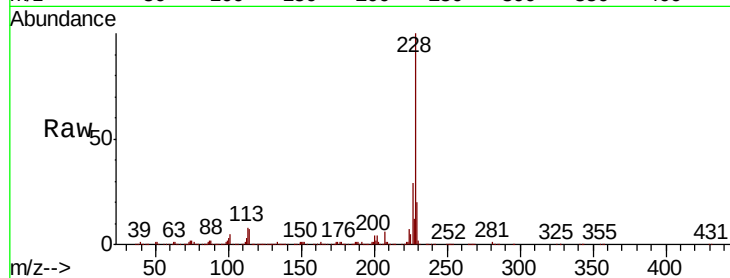
Tot Ion:228 Resp: 960652

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.5  | 23.7  | 35.5  |
| 229 | 19.6  | 15.8  | 23.8  |

228 100

226 29.5 23.7 35.5

229 19.6 15.8 23.8

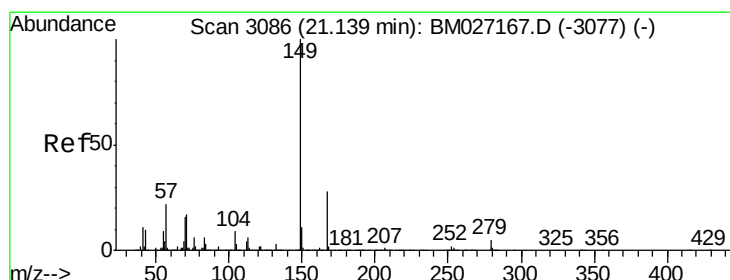
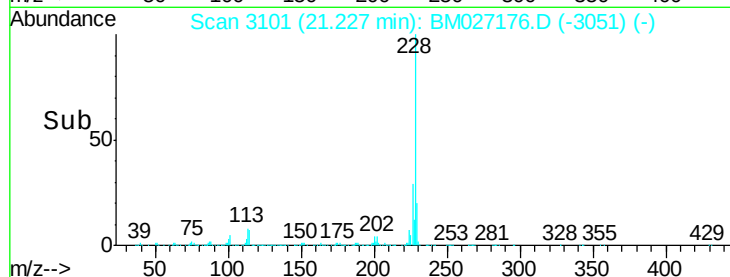
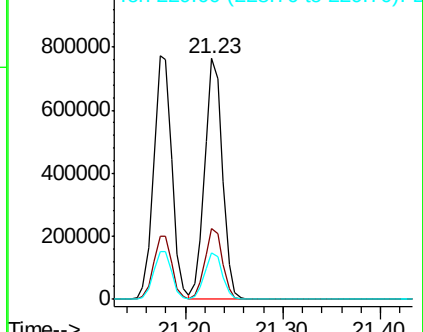


Abundance

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: 36.578 ng

RT: 21.13 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

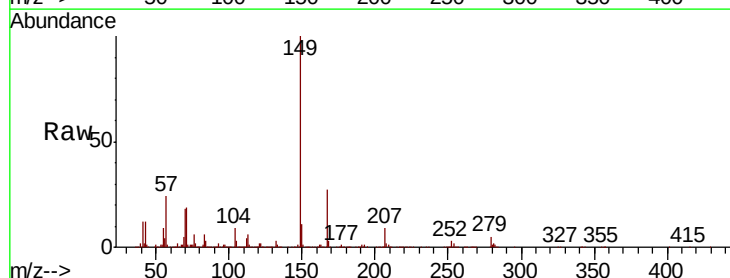
Tgt Ion:149 Resp: 497144

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.2  | 22.2  | 33.2  |
| 279 | 4.8   | 4.2   | 6.4   |

149 100

167 27.2 22.2 33.2

279 4.8 4.2 6.4

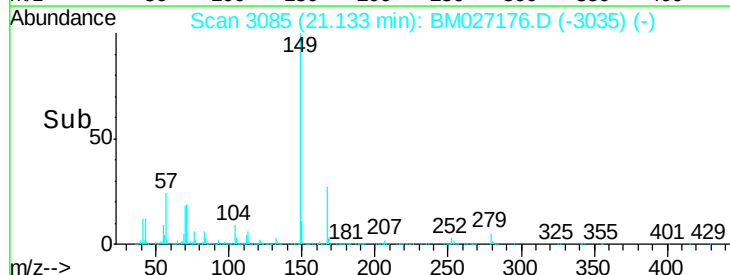
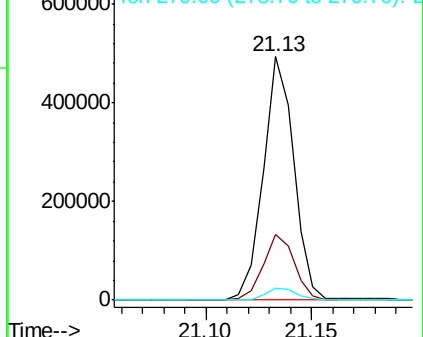


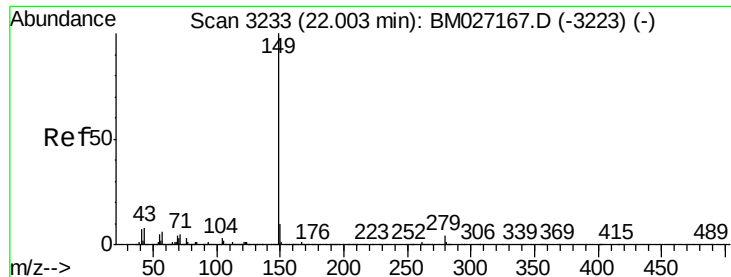
Abundance

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: 35.848 ng

RT: 22.00 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA\_M

ClientSampleId :

PB131109BS

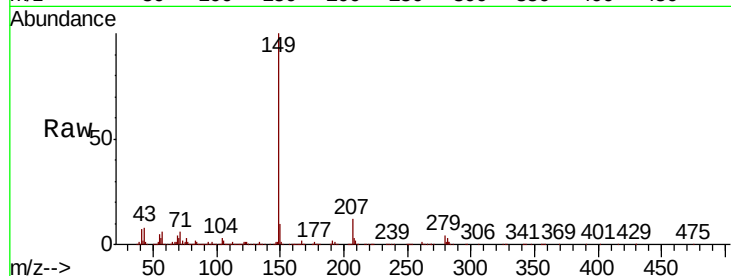
Tot Ion:149 Resp: 803849

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

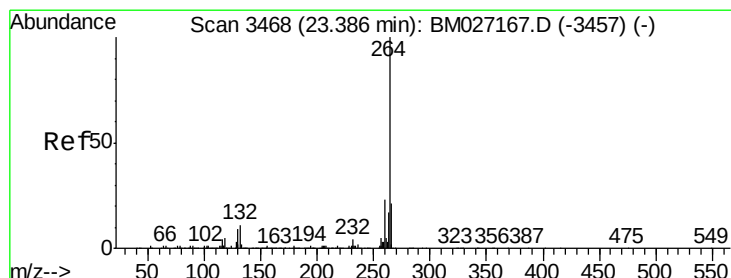
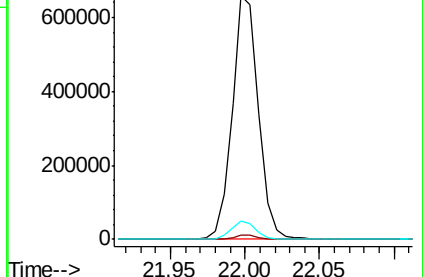
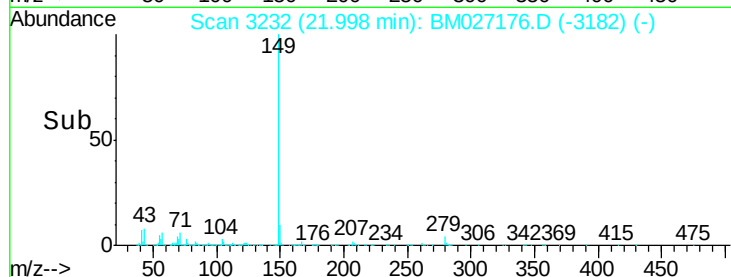
43 7.4 6.1 9.1



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

Perylene-d12

Concen: 20.000 ng

RT: 23.38 min Scan# 3467

Delta R.T. -0.01 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

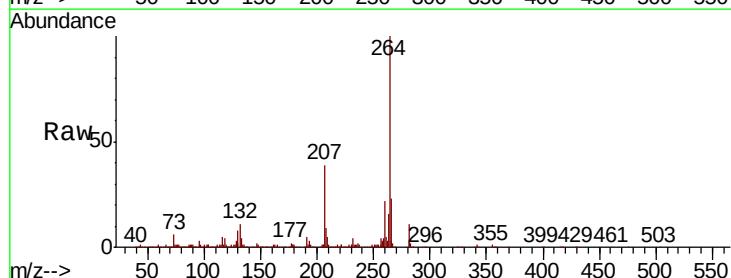
Tgt Ion:264 Resp: 416713

Ion Ratio Lower Upper

264 100

260 22.4 18.8 28.2

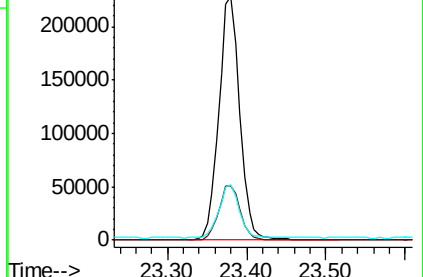
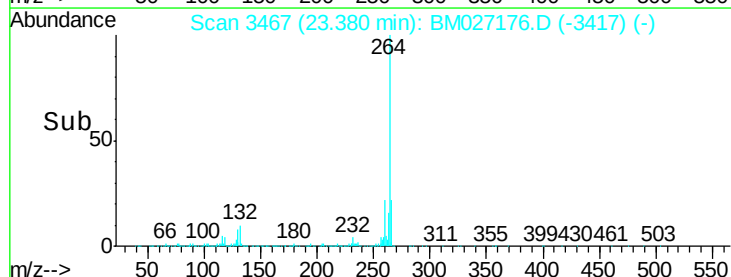
265 22.7 17.5 26.3

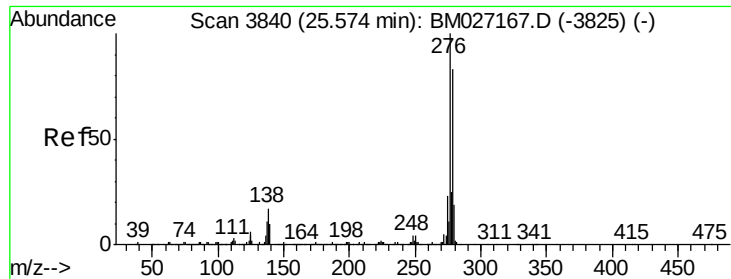


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

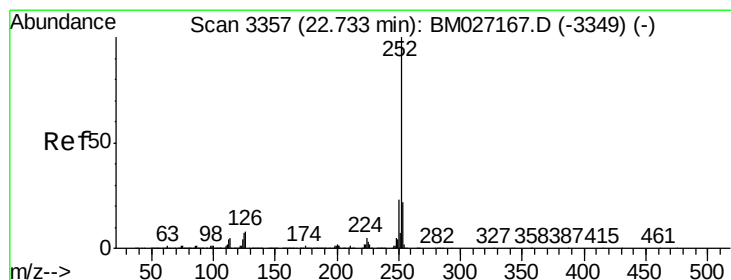
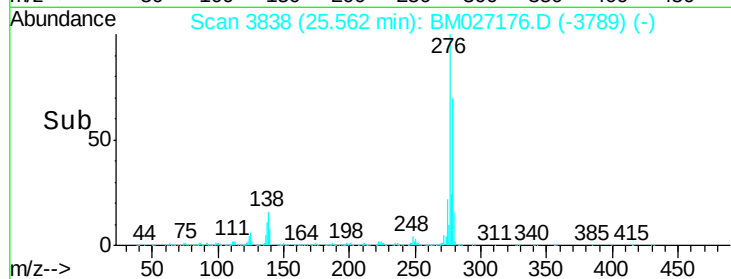
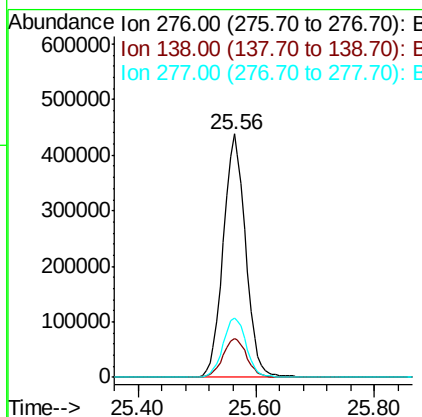
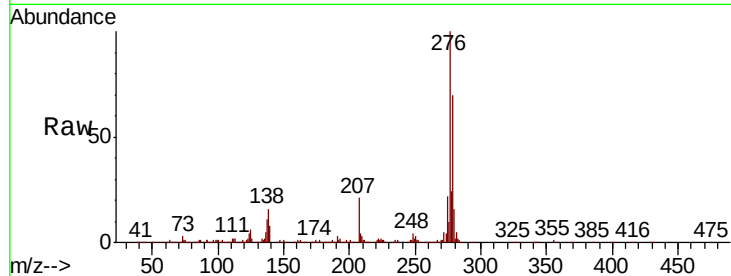




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 35.540 ng  
 RT: 25.56 min Scan# 3838  
 Delta R.T. -0.01 min  
 Lab File: BM027176.D  
 Acq: 21 Aug 2020 19:03

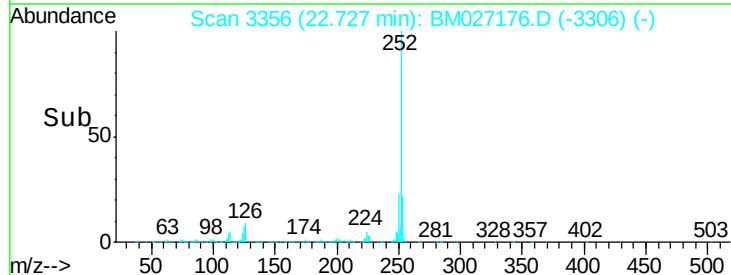
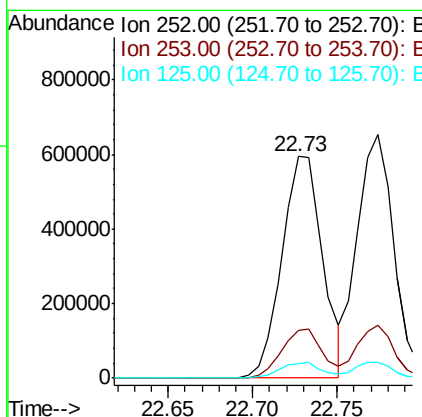
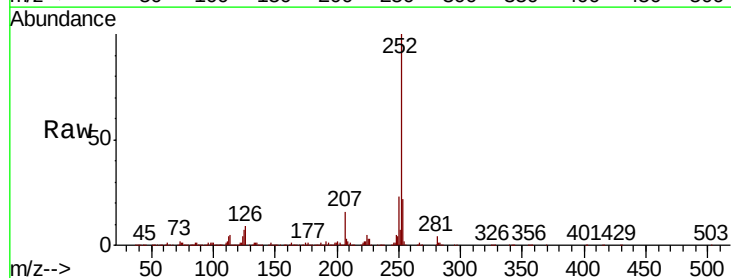
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB131109BS

Tot Ion:276 Resp: 1159145  
 Ion Ratio Lower Upper  
 276 100  
 138 16.9 13.3 19.9  
 277 25.2 20.0 30.0

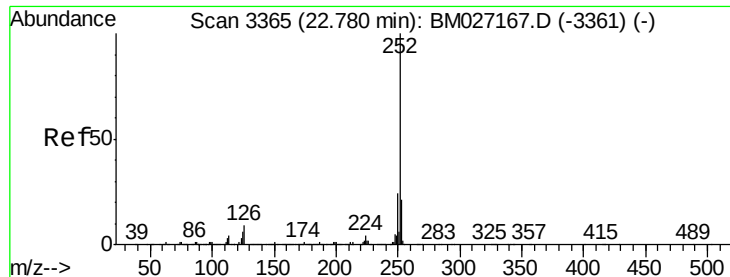


#88  
 Benzo(b)fluoranthene  
 Concen: 35.772 ng  
 RT: 22.73 min Scan# 3356  
 Delta R.T. -0.01 min  
 Lab File: BM027176.D  
 Acq: 21 Aug 2020 19:03

Tgt Ion:252 Resp: 994041  
 Ion Ratio Lower Upper  
 252 100  
 253 21.6 17.7 26.5  
 125 6.8 5.4 8.0







#89

Benzo(k)fluoranthene

Concen: 35.929 ng

RT: 22.77 min Scan# 3364

Delta R.T. -0.01 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA\_M

ClientSampleId :

PB131109BS

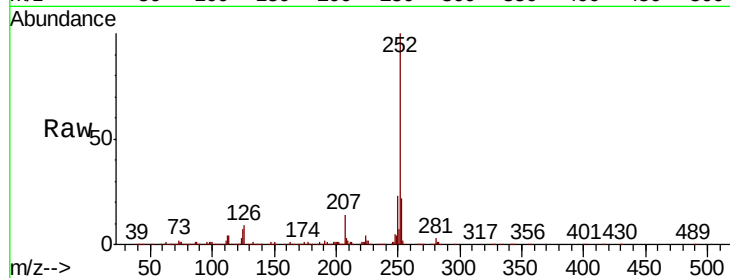
Tot Ion:252 Resp: 977493

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

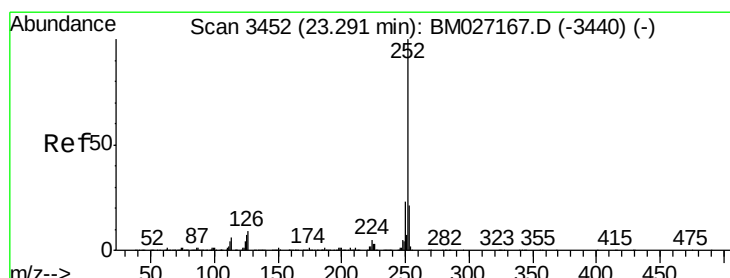
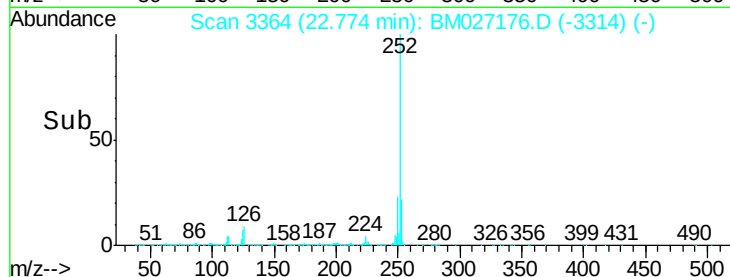
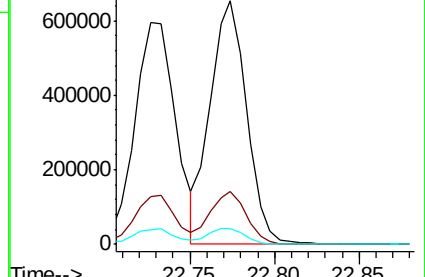
125 6.6 5.3 7.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 34.992 ng

RT: 23.29 min Scan# 3451

Delta R.T. -0.01 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

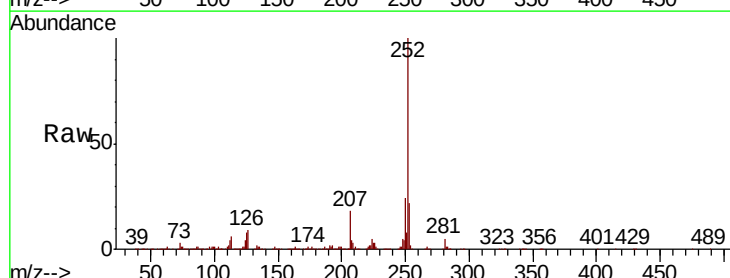
Tgt Ion:252 Resp: 887651

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

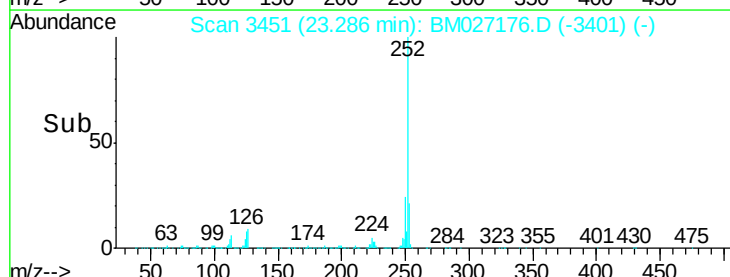
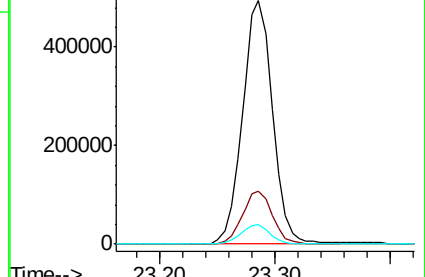
125 7.9 5.8 8.6

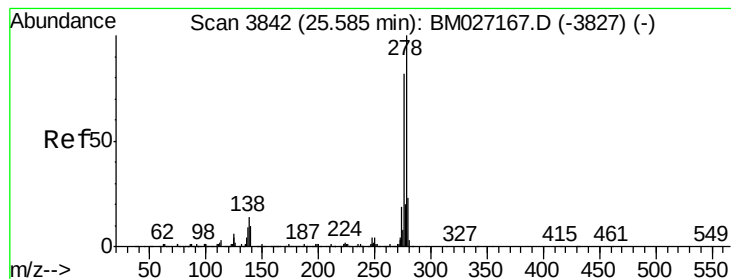


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 35.778 ng

RT: 25.57 min Scan# 3840

Delta R.T. -0.01 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA\_M

ClientSampleId :

PB131109BS

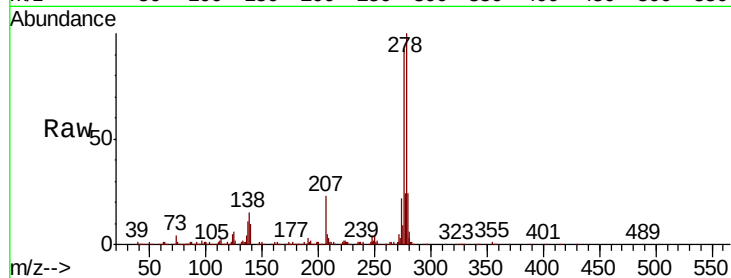
Tot Ion:278 Resp: 971185

Ion Ratio Lower Upper

278 100

139 10.5 8.2 12.2

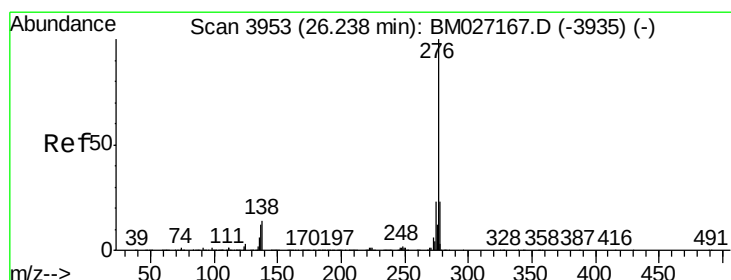
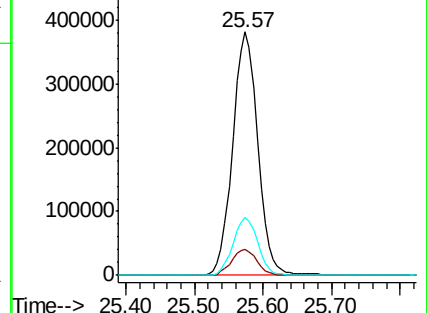
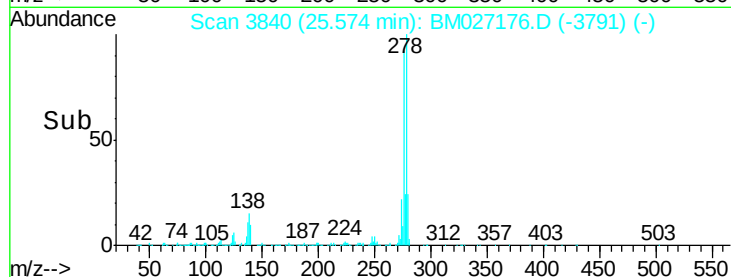
279 24.0 18.2 27.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.767 ng

RT: 26.23 min Scan# 3951

Delta R.T. -0.01 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

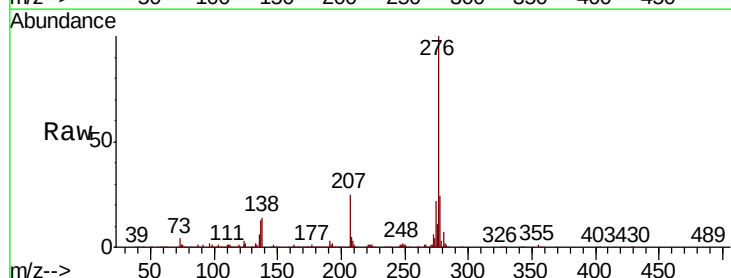
Tgt Ion:276 Resp: 987685

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 13.8 11.4 17.0



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

