

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM060419\  
 Data File : BM020707.D  
 Acq On : 04 Jun 2019 17:36  
 Operator : HP/JU  
 Sample : PB120243BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB120243BS

Quant Time: Jun 05 03:25:28 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM053119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 31 15:48:49 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.83  | 152  | 337361   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.62 | 136  | 1349070  | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.46 | 164  | 712948   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 17.20 | 188  | 1322591  | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.39 | 240  | 978444   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 23.67 | 264  | 1088664  | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.41  | 112 | 2726046 | 142.14 | ng | 0.00  |
| 7) Phenol-d6             | 6.99  | 99  | 3575801 | 126.62 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 8.99  | 82  | 2153393 | 82.70  | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.95 | 330 | 1186103 | 134.28 | ng | -0.01 |
| 45) 2-Fluorobiphenyl     | 13.09 | 172 | 4776108 | 89.06  | ng | 0.00  |
| 79) Terphenyl-d14        | 19.83 | 244 | 4989326 | 85.29  | ng | -0.02 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.35  | 88  | 321217  | 40.909 | ng | 96     |
| 3) Pyridine                    | 3.74  | 79  | 894694  | 35.813 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.66  | 42  | 410958  | 38.160 | ng | 99     |
| 6) Aniline                     | 7.16  | 93  | 1254646 | 30.705 | ng | 98     |
| 8) 2-Chlorophenol              | 7.39  | 128 | 1061012 | 44.471 | ng | 98     |
| 9) Benzaldehyde                | 6.97  | 77  | 325322  | 16.146 | ng | 96     |
| 10) Phenol                     | 7.02  | 94  | 1302772 | 42.809 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.26  | 93  | 956609  | 39.443 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.71  | 146 | 1082759 | 39.487 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.86  | 146 | 1108748 | 39.774 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.17  | 146 | 1073719 | 39.580 | ng | 98     |
| 15) Benzyl Alcohol             | 8.07  | 79  | 947764  | 37.937 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.36  | 45  | 1327457 | 35.451 | ng | 99     |
| 17) 2-Methylphenol             | 8.26  | 107 | 870467  | 40.677 | ng | 99     |
| 18) Hexachloroethane           | 8.90  | 117 | 407587  | 38.190 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.63  | 70  | 802102  | 35.335 | ng | 97     |
| 20) 3+4-Methylphenols          | 8.59  | 107 | 1162924 | 39.942 | ng | 98     |
| 22) Acetophenone               | 8.65  | 105 | 1481791 | 43.237 | ng | # 97   |
| 24) Nitrobenzene               | 9.03  | 77  | 1155635 | 43.475 | ng | 99     |
| 25) Isophorone                 | 9.55  | 82  | 2095103 | 40.451 | ng | 100    |
| 26) 2-Nitrophenol              | 9.73  | 139 | 508523  | 51.331 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 9.79  | 122 | 940516  | 50.665 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.03 | 93  | 1299221 | 41.487 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.26 | 162 | 963661  | 46.920 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.48 | 180 | 1040657 | 44.066 | ng | 99     |
| 31) Naphthalene                | 10.67 | 128 | 3028268 | 43.651 | ng | 100    |
| 32) Benzoic acid               | 9.93  | 122 | 511748  | 44.247 | ng | 99     |
| 33) 4-Chloroaniline            | 10.78 | 127 | 439969  | 13.627 | ng | 97     |
| 34) Hexachlorobutadiene        | 10.95 | 225 | 604403  | 42.654 | ng | 100    |
| 35) Caprolactam                | 11.57 | 113 | 235431  | 32.997 | ng | 99     |
| 36) 4-Chloro-3-methylphenol    | 11.90 | 107 | 978133  | 40.962 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.28 | 142 | 2207688 | 42.933 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.50 | 142 | 2086785 | 42.620 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.65 | 216 | 1126021 | 48.195 | ng | 99     |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 31 15:48:49 2019  
 Response via : Initial Calibration

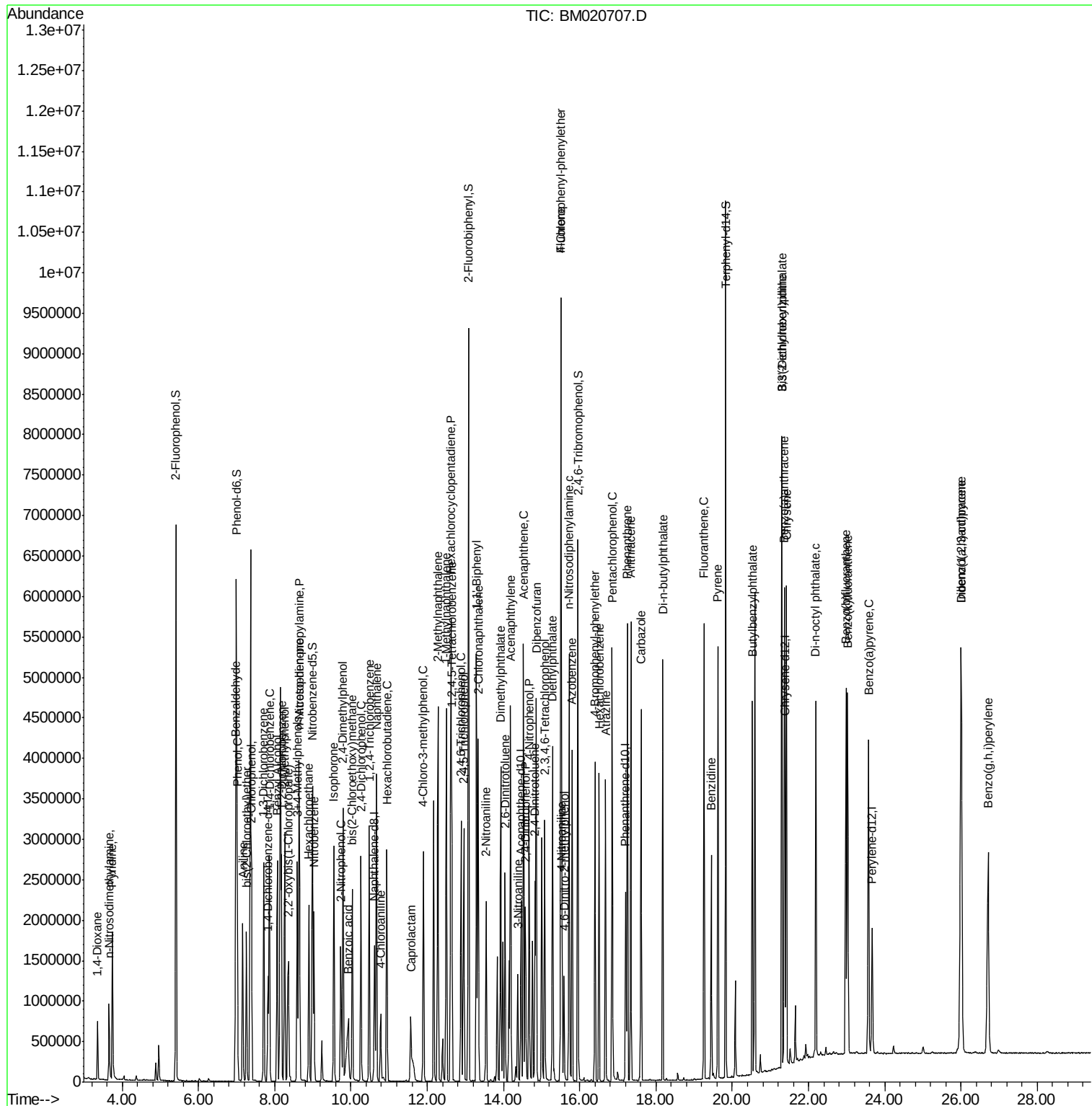
| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.62 | 237  | 1458463  | 104.374 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.89 | 196  | 715050   | 47.547  | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.96 | 196  | 751943   | 48.431  | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.30 | 154  | 2753815  | 46.249  | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.34 | 162  | 2112593  | 43.960  | ng    | 99       |
| 48) 2-Nitroaniline             | 13.55 | 65   | 593060   | 39.319  | ng    | 92       |
| 49) Acenaphthylene             | 14.19 | 152  | 3292787  | 43.914  | ng    | 100      |
| 50) Dimethylphthalate          | 13.93 | 163  | 2500583  | 41.053  | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.05 | 165  | 534974   | 43.255  | ng    | 91       |
| 52) Acenaphthene               | 14.53 | 154  | 1918527  | 42.934  | ng    | 99       |
| 53) 3-Nitroaniline             | 14.37 | 138  | 314984   | 22.817  | ng    | 93       |
| 54) 2,4-Dinitrophenol          | 14.58 | 184  | 434546   | 81.519  | ng    | 91       |
| 55) Dibenzofuran               | 14.86 | 168  | 2975323  | 42.871  | ng    | 98       |
| 56) 4-Nitrophenol              | 14.67 | 139  | 815295   | 80.145  | ng    | 96       |
| 57) 2,4-Dinitrotoluene         | 14.83 | 165  | 694296   | 41.926  | ng    | 96       |
| 58) Fluorene                   | 15.51 | 166  | 2349834  | 41.172  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.09 | 232  | 620221   | 45.843  | ng    | 98       |
| 60) Diethylphthalate           | 15.29 | 149  | 2455192  | 39.083  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.51 | 204  | 1251932  | 41.429  | ng    | 94       |
| 62) 4-Nitroaniline             | 15.54 | 138  | 491137   | 33.546  | ng    | 95       |
| 63) Azobenzene                 | 15.80 | 77   | 2322678  | 38.566  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.59 | 198  | 263358   | 44.540  | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.72 | 169  | 2015238  | 47.597  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.40 | 248  | 714557   | 45.887  | ng    | 94       |
| 68) Hexachlorobenzene          | 16.50 | 284  | 804960   | 44.268  | ng    | 99       |
| 69) Atrazine                   | 16.67 | 200  | 622575   | 49.269  | ng    | 100      |
| 70) Pentachlorophenol          | 16.85 | 266  | 890484   | 102.652 | ng    | 99       |
| 71) Phenanthrene               | 17.25 | 178  | 3263645  | 43.533  | ng    | 100      |
| 72) Anthracene                 | 17.34 | 178  | 3324415  | 44.305  | ng    | 99       |
| 73) Carbazole                  | 17.61 | 167  | 2803538  | 41.173  | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.17 | 149  | 3556723  | 40.239  | ng    | 100      |
| 75) Fluoranthene               | 19.26 | 202  | 3268190  | 39.200  | ng    | 99       |
| 77) Benzidine                  | 19.45 | 184  | 1409031  | 47.526  | ng    | 99       |
| 78) Pyrene                     | 19.62 | 202  | 3251163  | 43.300  | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.53 | 149  | 1313154  | 41.384  | ng    | 94       |
| 81) Benzo(a)anthracene         | 21.37 | 228  | 2845789  | 41.765  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.30 | 252  | 836975   | 33.544  | ng    | 98       |
| 83) Chrysene                   | 21.42 | 228  | 2796630  | 43.178  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.30 | 149  | 1862804  | 40.393  | ng    | 100      |
| 85) Di-n-octyl phthalate       | 22.20 | 149  | 2967492  | 40.530  | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 26.00 | 276  | 3734282  | 56.356  | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 22.98 | 252  | 2981499  | 41.436  | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.03 | 252  | 2943531  | 41.861  | ng    | 100      |
| 90) Benzo(a)pyrene             | 23.57 | 252  | 2946647  | 45.148  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 26.01 | 278  | 3164435  | 49.976  | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 26.71 | 276  | 3041884  | 51.720  | ng    | 99       |

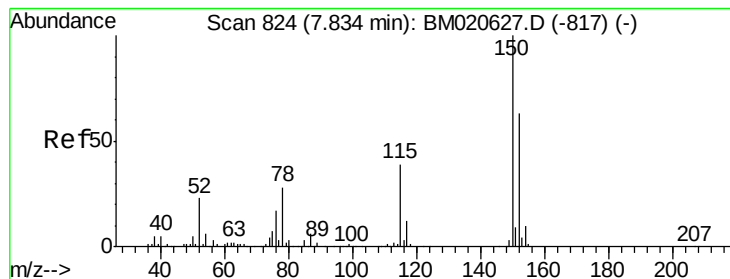
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample    : PB120243BS  
Misc      :  
ALS Vial  : 4      Sample Multiplier: 1
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**ClientSampleId :**  
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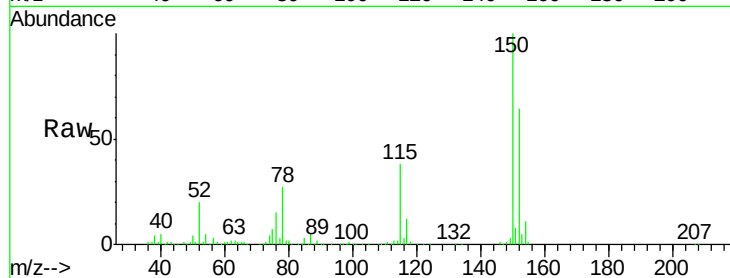


#1

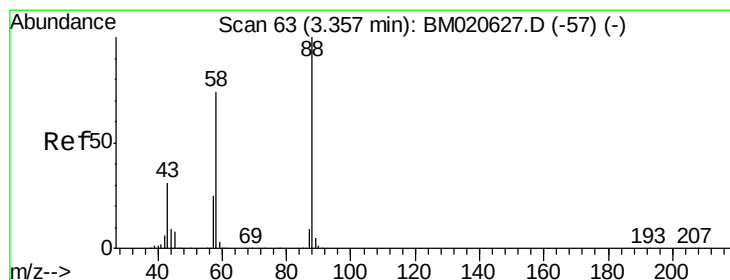
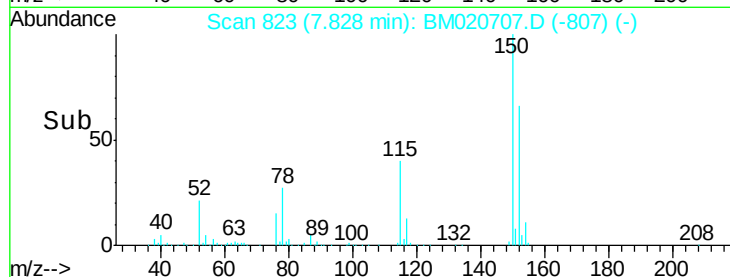
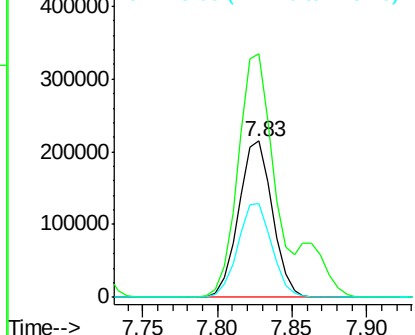
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.83 min Scan# 823  
 Delta R.T. -0.01 min  
 Lab File: BM020707.D  
 Acq: 04 Jun 2019 17:36

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB120243BS

Tgt Ion:152 Resp: 337361  
 Ion Ratio Lower Upper  
 152 100  
 150 156.0 126.0 189.0  
 115 59.9 49.6 74.4



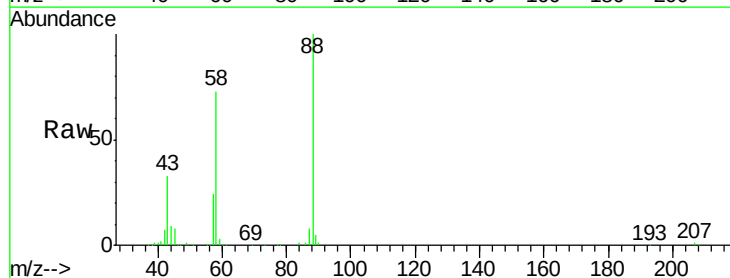
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



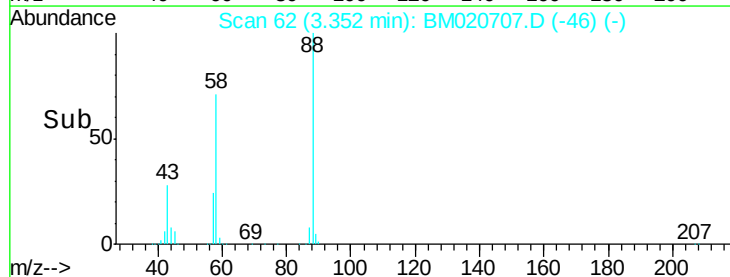
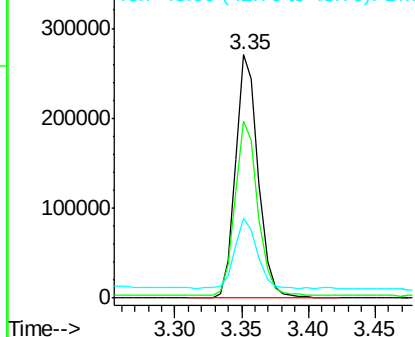
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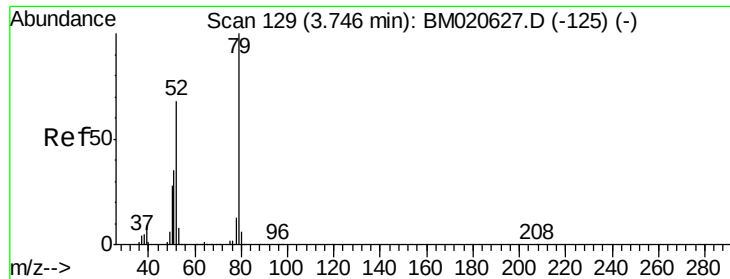
1,4-Dioxane  
 Concen: 40.909 ng  
 RT: 3.35 min Scan# 62  
 Delta R.T. -0.01 min  
 Lab File: BM020707.D  
 Acq: 04 Jun 2019 17:36

Tgt Ion: 88 Resp: 321217  
 Ion Ratio Lower Upper  
 88 100  
 58 71.9 60.2 90.4  
 43 29.1 25.3 37.9



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

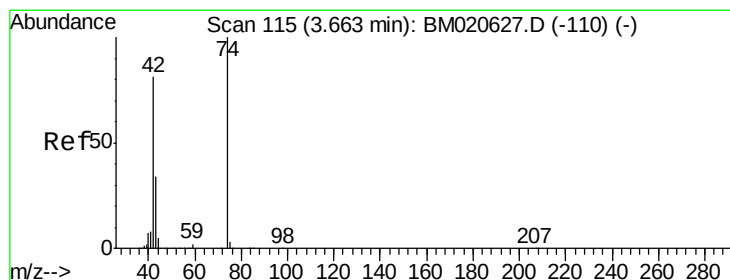
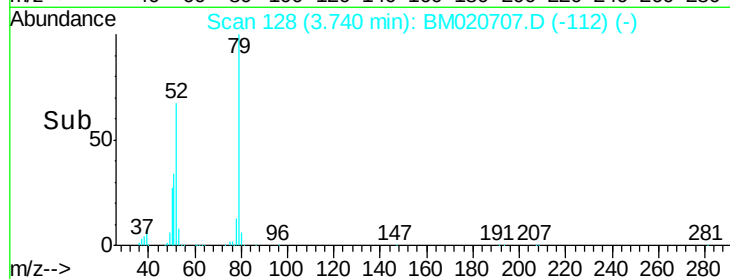
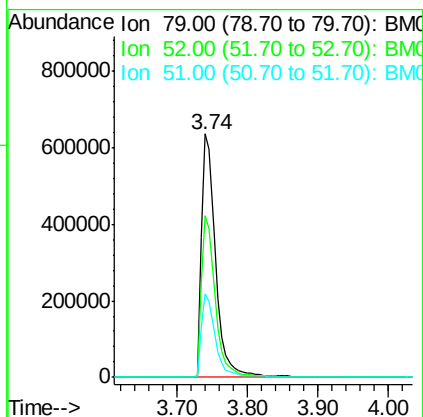
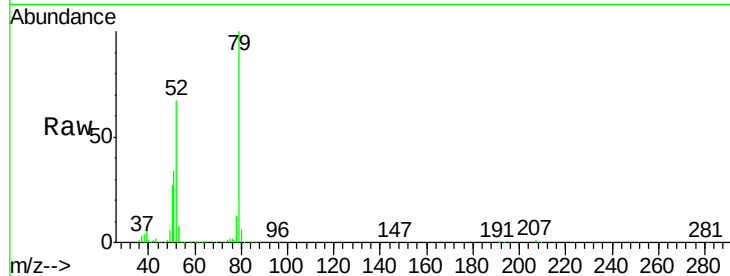




#3  
 Pyridine  
 Concen: 35.813 ng  
 RT: 3.74 min Scan# 128  
 Delta R.T. -0.01 min  
 Lab File: BM020707.D  
 Acq: 04 Jun 2019 17:36

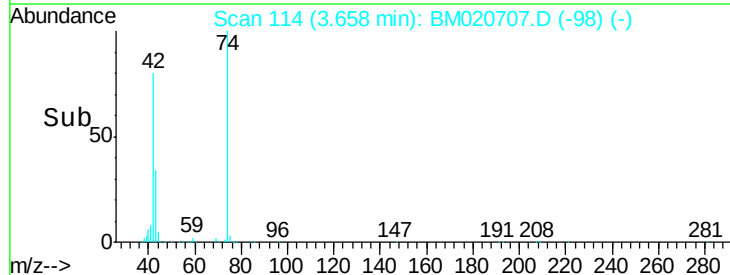
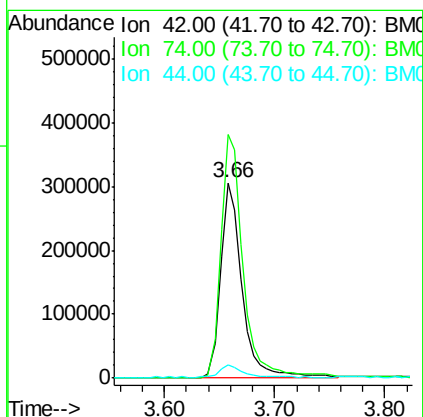
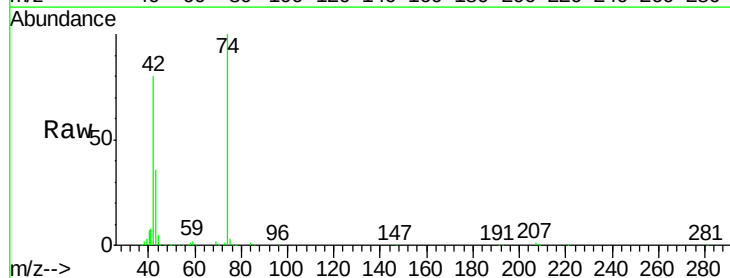
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB120243BS

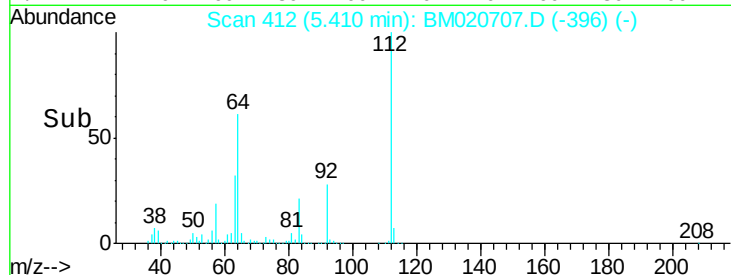
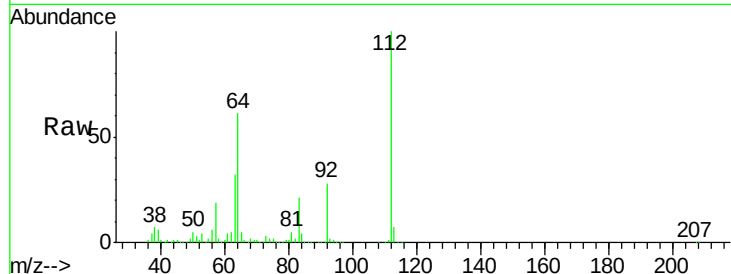
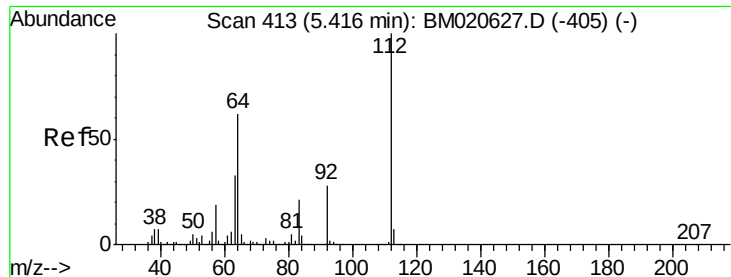
Tgt Ion: 79 Resp: 894694  
 Ion Ratio Lower Upper  
 79 100  
 52 66.6 54.1 81.1  
 51 34.4 28.6 42.8



#4  
 n-Nitrosodimethylamine  
 Concen: 38.160 ng  
 RT: 3.66 min Scan# 114  
 Delta R.T. -0.01 min  
 Lab File: BM020707.D  
 Acq: 04 Jun 2019 17:36

Tgt Ion: 42 Resp: 410958  
 Ion Ratio Lower Upper  
 42 100  
 74 124.7 99.4 149.0  
 44 6.6 5.8 8.8





#5

2-Fluorophenol

Concen: 142.141 ng

RT: 5.41 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA\_M

ClientSampleId :

PB120243BS

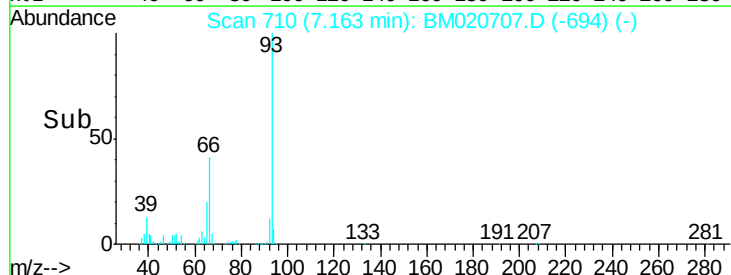
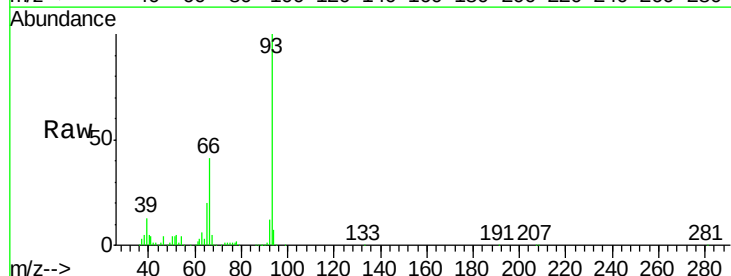
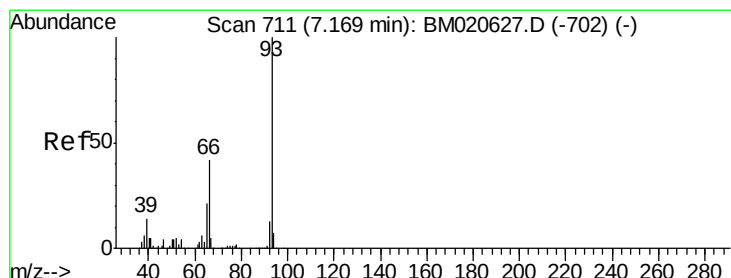
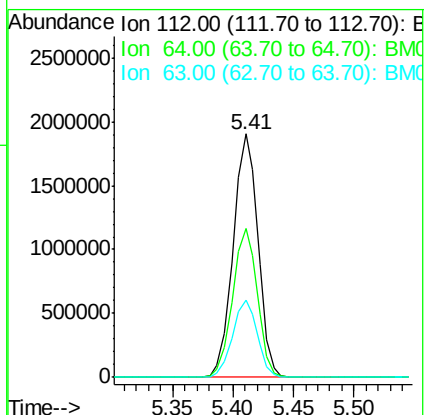
Tgt Ion:112 Resp: 2726046

Ion Ratio Lower Upper

112 100

64 61.4 49.7 74.5

63 31.7 26.4 39.6



#6

Aniline

Concen: 30.705 ng

RT: 7.16 min Scan# 710

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

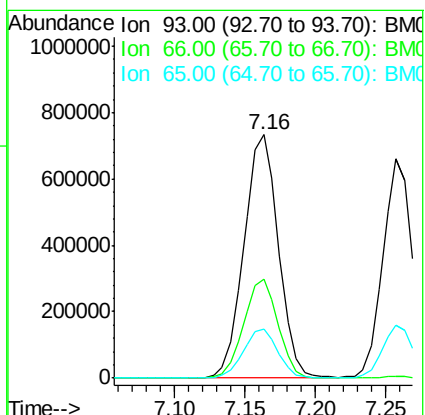
Tgt Ion: 93 Resp: 1254646

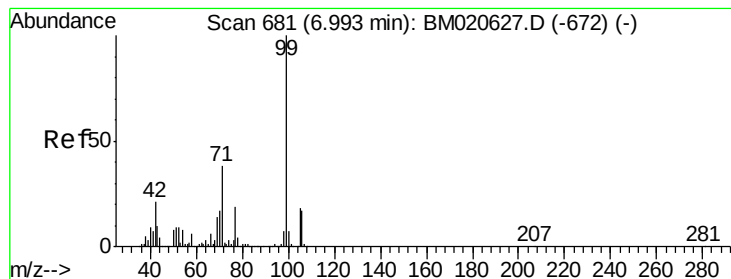
Ion Ratio Lower Upper

93 100

66 40.8 33.6 50.4

65 19.9 16.7 25.1





#7

Phenol-d6

Concen: 126.624 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA\_M

ClientSampled :

PB120243BS

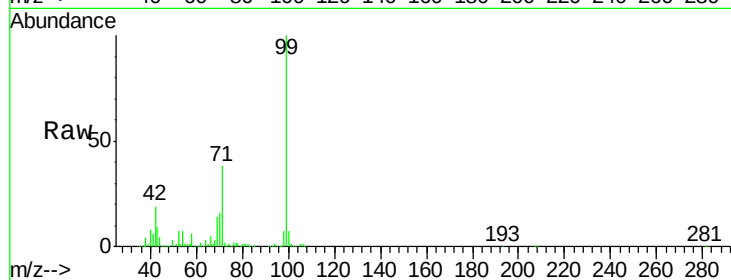
Tgt Ion: 99 Resp: 3575801

Ion Ratio Lower Upper

99 100

42 19.0 16.5 24.7

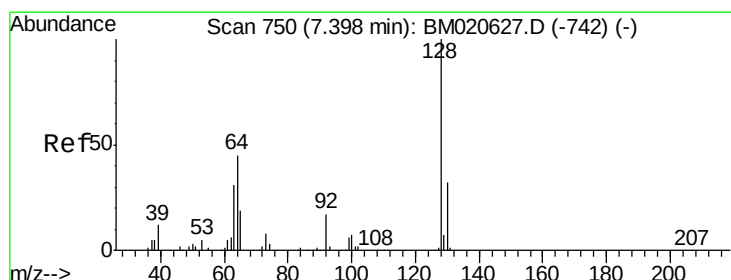
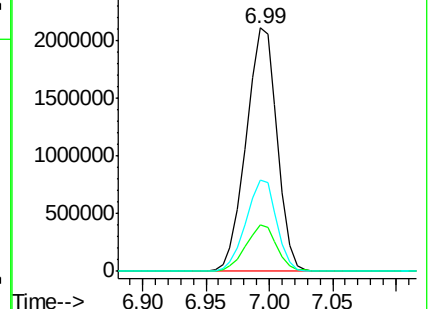
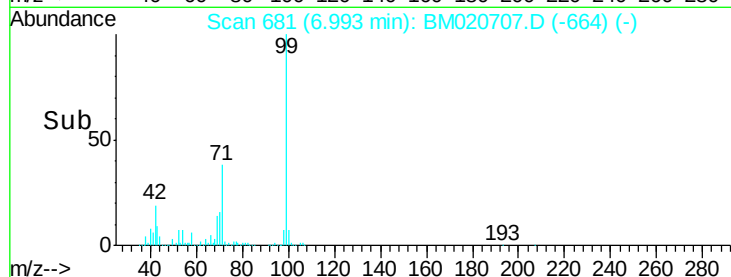
71 37.5 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020707.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020707.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020707.D (-664) (-)



#8

2-Chlorophenol

Concen: 44.471 ng

RT: 7.39 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

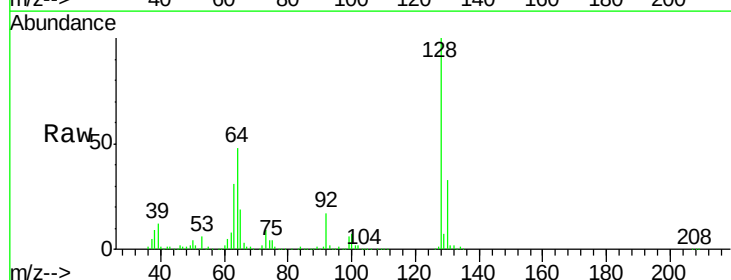
Tgt Ion: 128 Resp: 1061012

Ion Ratio Lower Upper

128 100

130 33.2 12.2 52.2

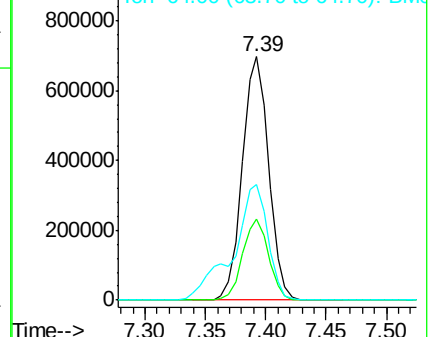
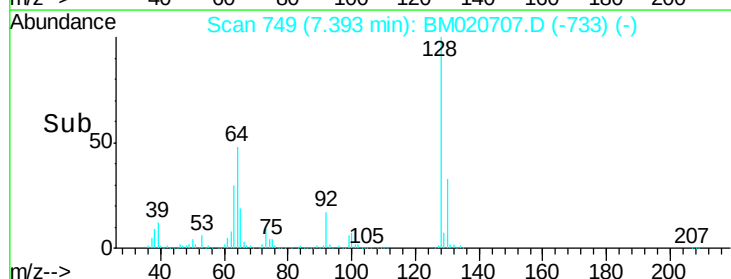
64 47.6 29.1 69.1



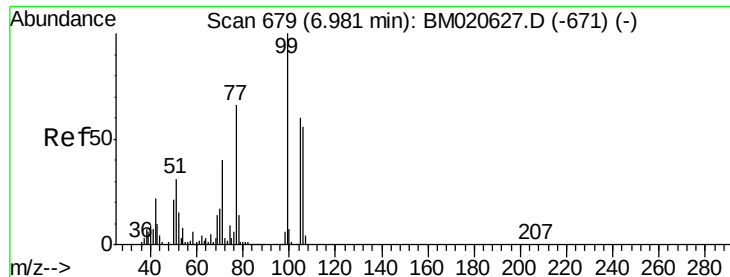
Abundance Ion 128.00 (127.70 to 128.70): BM020707.D (-733) (-)

Ion 130.00 (129.70 to 130.70): BM020707.D (-733) (-)

Ion 64.00 (63.70 to 64.70): BM020707.D (-733) (-)







#9

Benzaldehyde

Concen: 16.146 ng

RT: 6.97 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA\_M

ClientSampleId :

PB120243BS

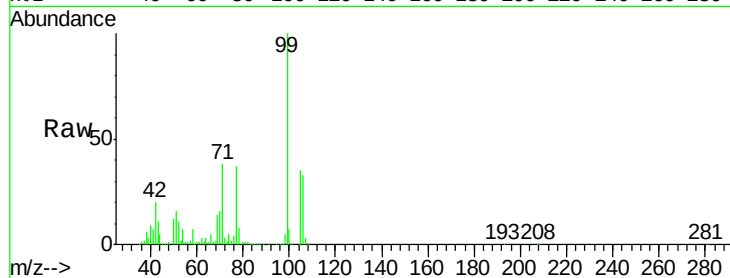
Tgt Ion: 77 Resp: 325322

Ion Ratio Lower Upper

77 100

105 94.6 70.6 110.6

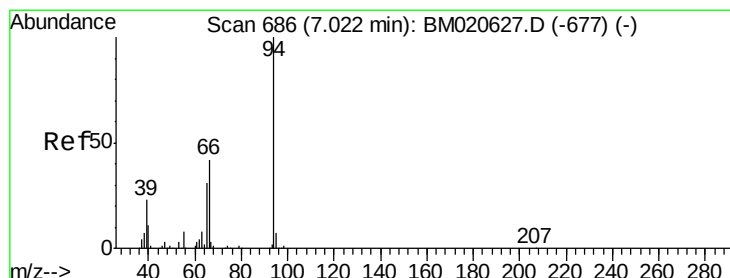
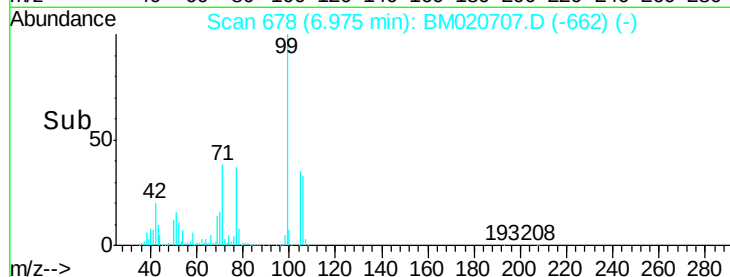
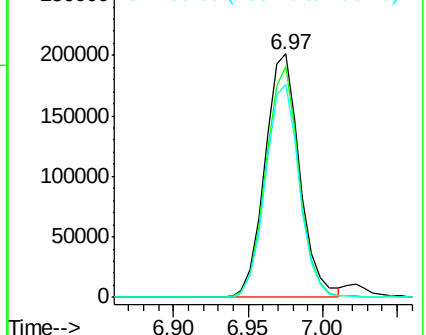
106 87.7 64.9 104.9



Abundance Ion 77.00 (76.70 to 77.70): BM020707.D (-662) (-)

Ion 105.00 (104.70 to 105.70): BM020707.D (-662) (-)

Ion 106.00 (105.70 to 106.70): BM020707.D (-662) (-)



#10

Phenol

Concen: 42.809 ng

RT: 7.02 min Scan# 686

Delta R.T. 0.00 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

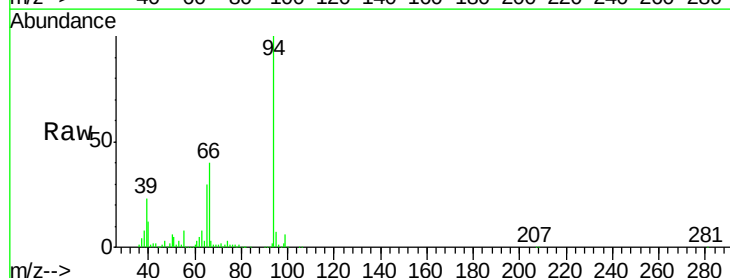
Tgt Ion: 94 Resp: 1302772

Ion Ratio Lower Upper

94 100

65 29.9 10.7 50.7

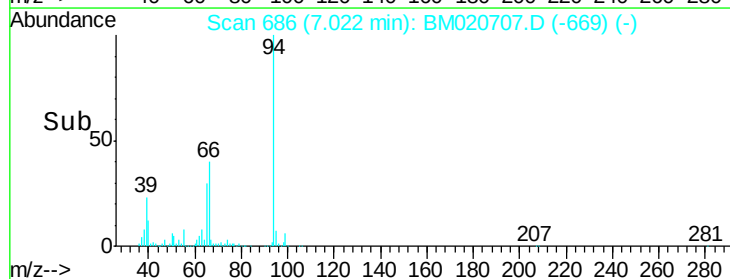
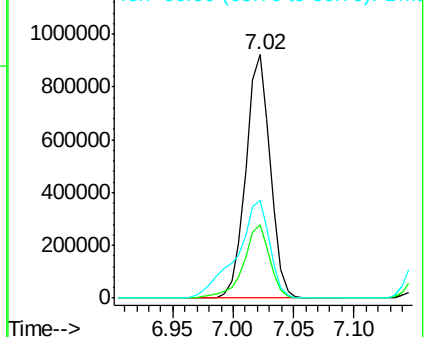
66 40.2 22.3 62.3



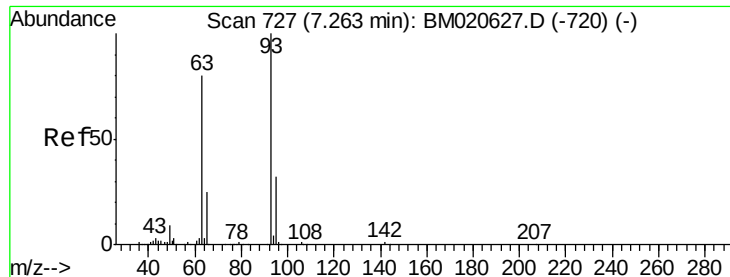
Abundance Ion 94.00 (93.70 to 94.70): BM020707.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM020707.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM020707.D (-669) (-)



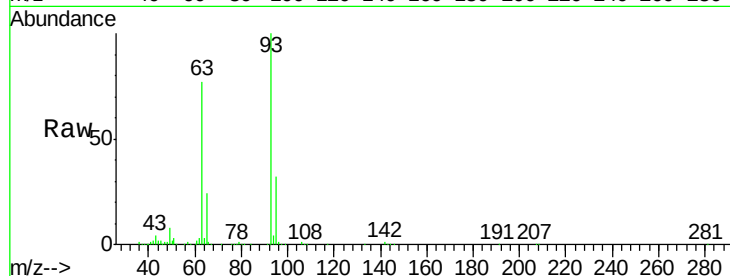




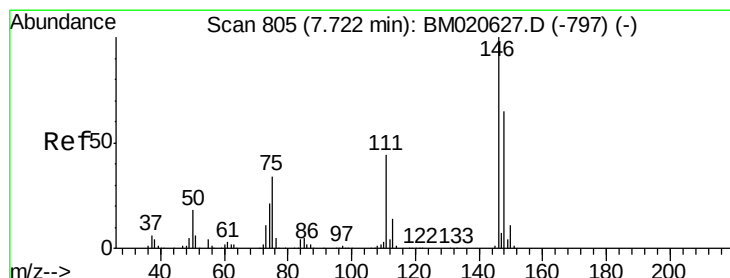
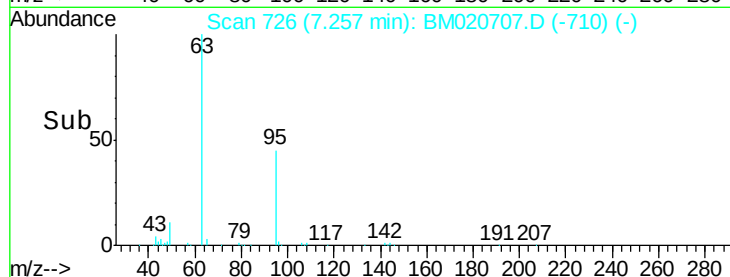
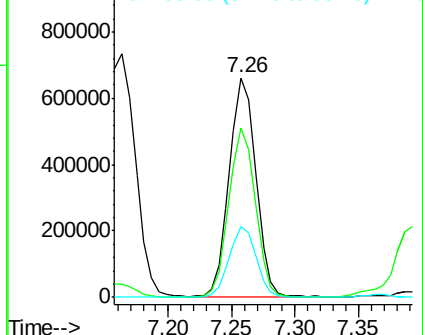
#11  
bis(2-Chloroethyl)ether  
Concen: 39.443 ng  
RT: 7.26 min Scan# 726  
Delta R.T. -0.01 min  
Lab File: BM020707.D  
Acq: 04 Jun 2019 17:36

Instrument :  
BNA\_M  
ClientSampleId :  
PB120243BS

Tgt Ion: 93 Resp: 956609  
Ion Ratio Lower Upper  
93 100  
63 77.2 60.0 100.0  
95 32.0 12.2 52.2

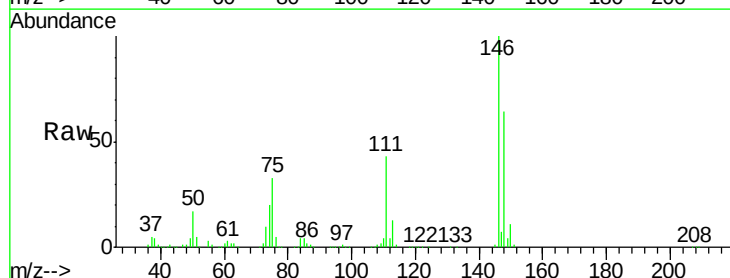


Abundance Ion 93.00 (92.70 to 93.70): BM0  
Ion 63.00 (62.70 to 63.70): BM0  
Ion 95.00 (94.70 to 95.70): BM0

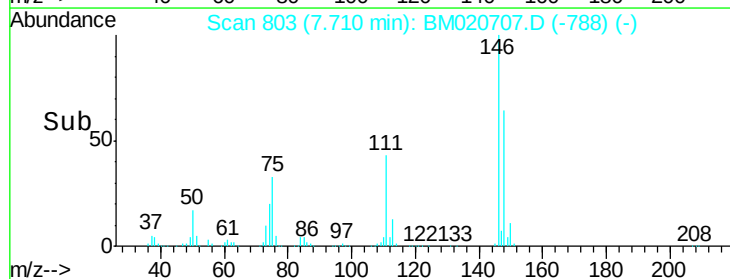
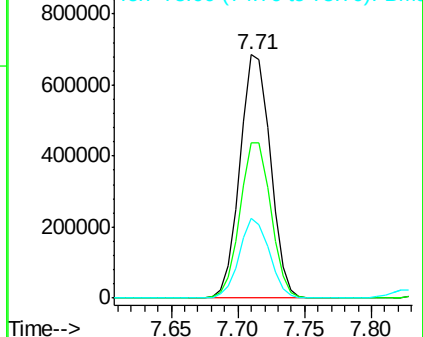


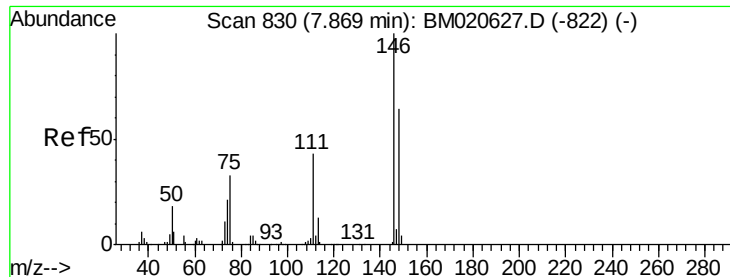
#12  
1,3-Dichlorobenzene  
Concen: 39.487 ng  
RT: 7.71 min Scan# 803  
Delta R.T. -0.01 min  
Lab File: BM020707.D  
Acq: 04 Jun 2019 17:36

Tgt Ion: 146 Resp: 1082759  
Ion Ratio Lower Upper  
146 100  
148 63.8 52.0 78.0  
75 32.5 27.0 40.4



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BM0

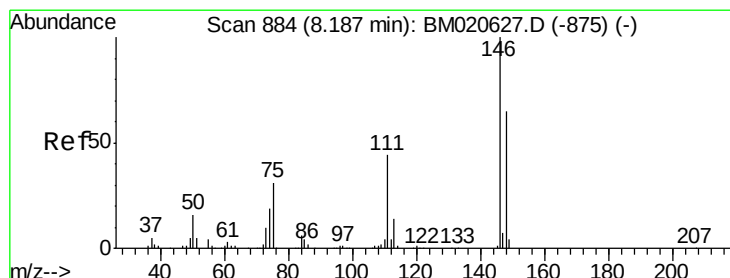
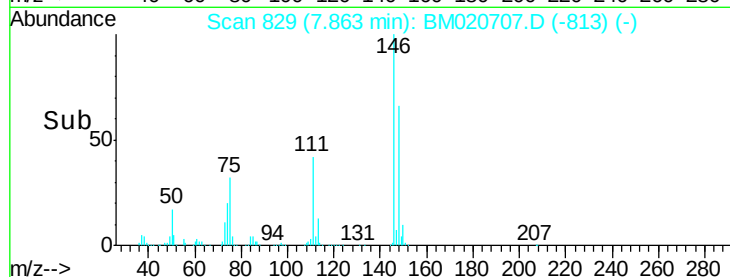
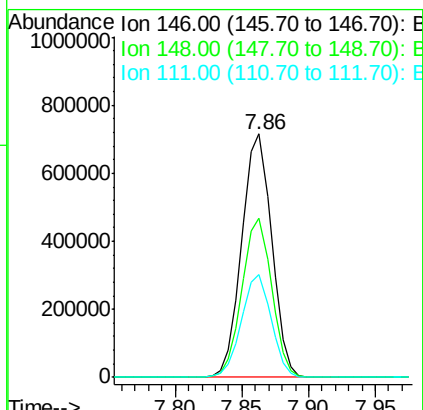
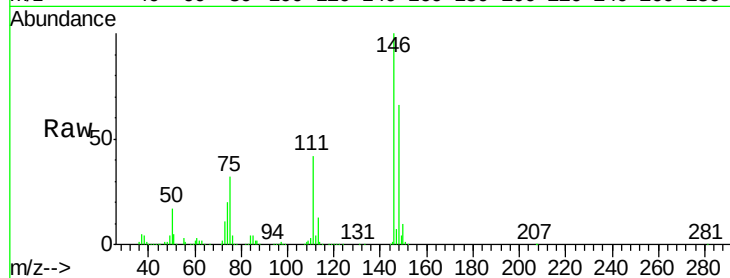




#13  
 1,4-Dichlorobenzene  
 Concen: 39.774 ng  
 RT: 7.86 min Scan# 829  
 Delta R.T. -0.01 min  
 Lab File: BM020707.D  
 Acq: 04 Jun 2019 17:36

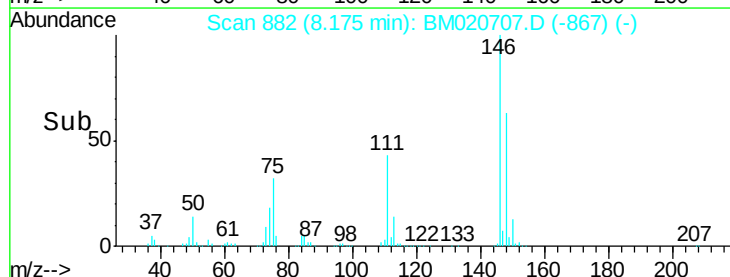
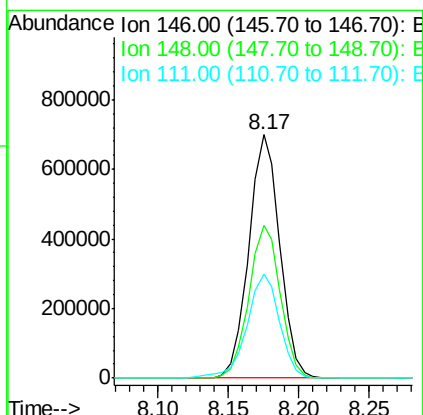
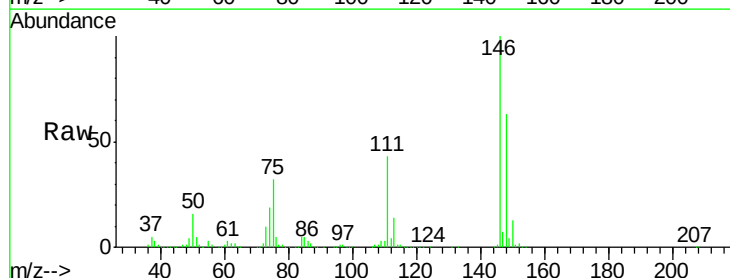
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB120243BS

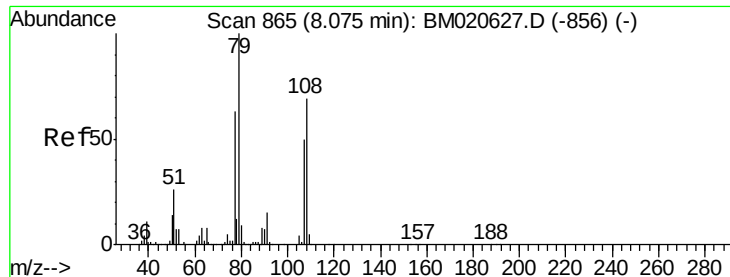
Tgt Ion:146 Resp: 1108748  
 Ion Ratio Lower Upper  
 146 100  
 148 65.6 51.0 76.4  
 111 42.0 34.4 51.6



#14  
 1,2-Dichlorobenzene  
 Concen: 39.580 ng  
 RT: 8.17 min Scan# 882  
 Delta R.T. -0.01 min  
 Lab File: BM020707.D  
 Acq: 04 Jun 2019 17:36

Tgt Ion:146 Resp: 1073719  
 Ion Ratio Lower Upper  
 146 100  
 148 62.6 51.8 77.8  
 111 42.9 35.1 52.7





#15

Benzyl Alcohol

Concen: 37.937 ng

RT: 8.07 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA\_M

ClientSampleId :

PB120243BS

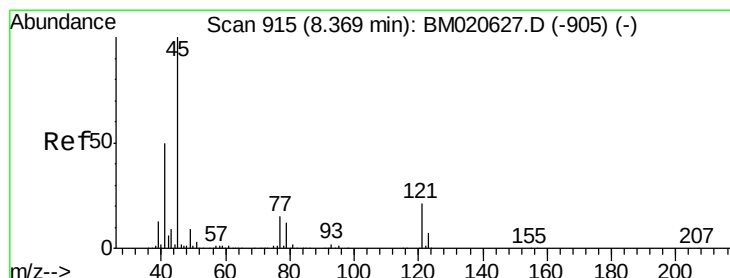
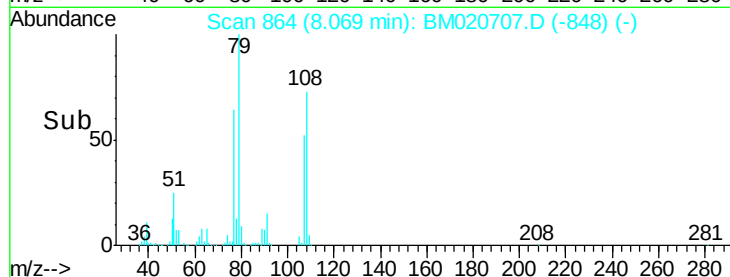
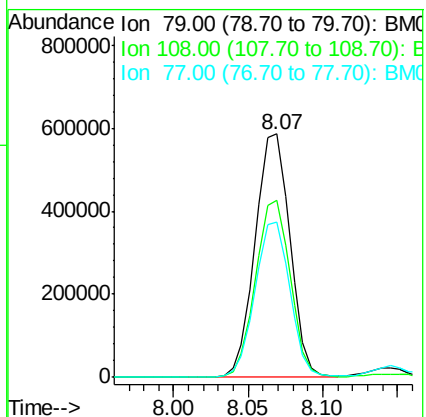
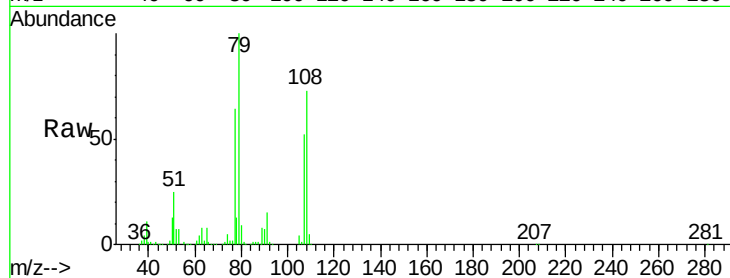
Tgt Ion: 79 Resp: 947764

Ion Ratio Lower Upper

79 100

108 72.5 54.9 82.3

77 63.9 50.2 75.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.451 ng

RT: 8.36 min Scan# 913

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

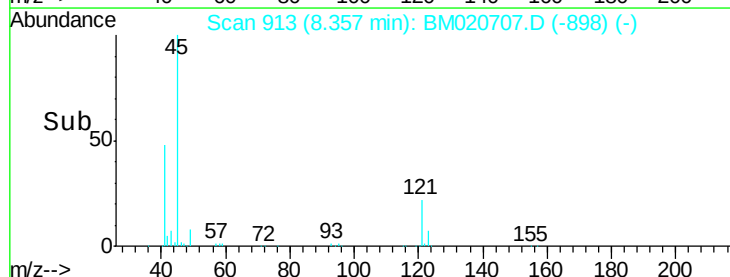
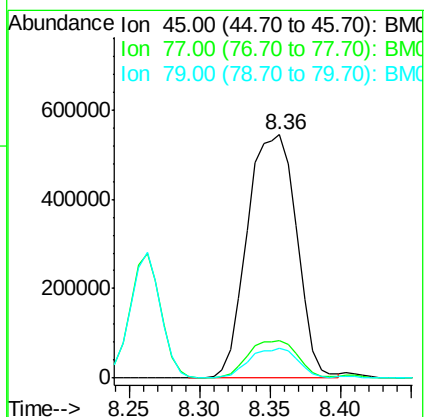
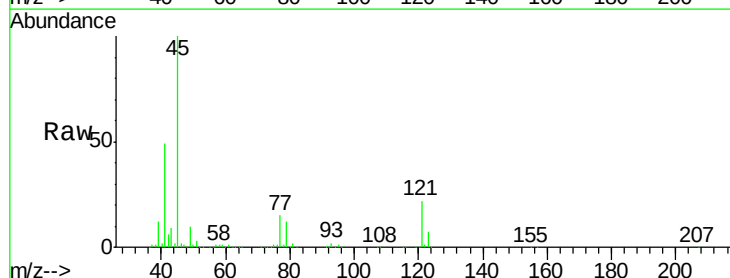
Tgt Ion: 45 Resp: 1327457

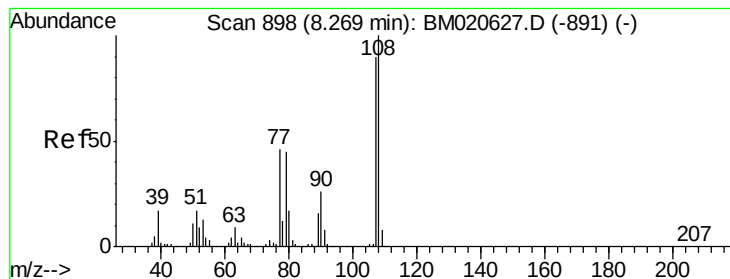
Ion Ratio Lower Upper

45 100

77 15.5 0.0 34.9

79 12.4 0.0 31.8





#17

2-Methylphenol

Concen: 40.677 ng

RT: 8.26 min Scan# 897

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

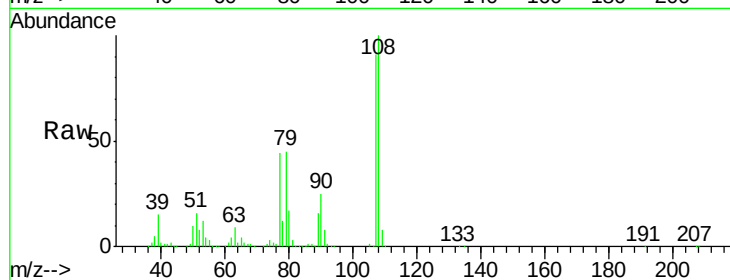
Instrument :

BNA\_M

ClientSampleId :

PB120243BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 870467 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 110.0 | 88.6  | 133.0  |
| 77       | 48.9  | 40.6  | 61.0   |
| 79       | 49.3  | 39.9  | 59.9   |

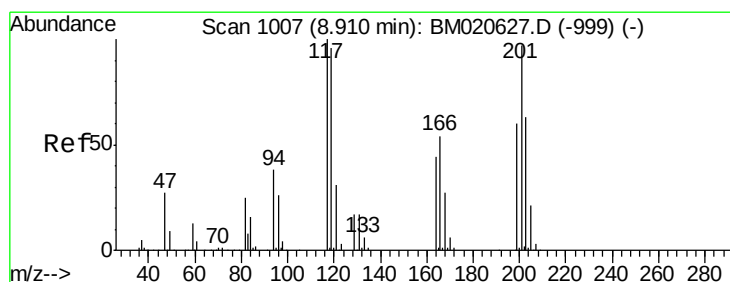
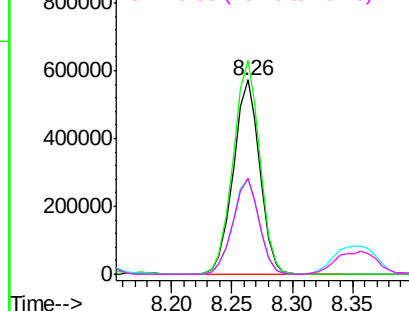
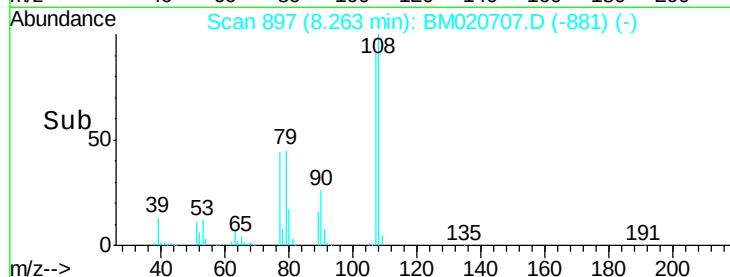


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.190 ng

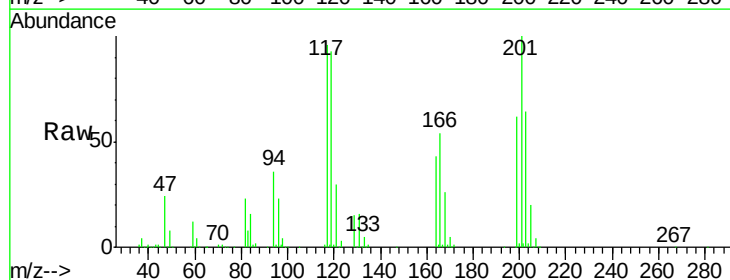
RT: 8.90 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

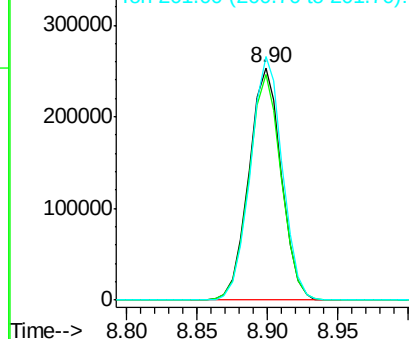
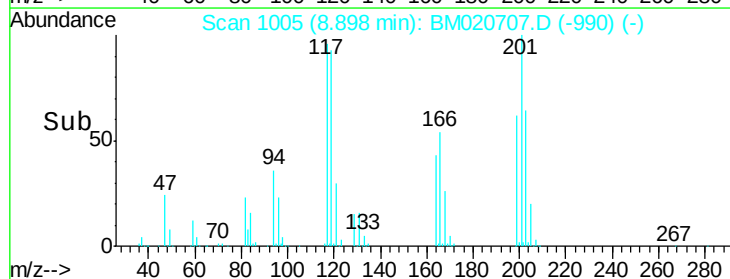
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 407587 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.3  | 76.7  | 115.1  |
| 201      | 104.6 | 77.9  | 116.9  |

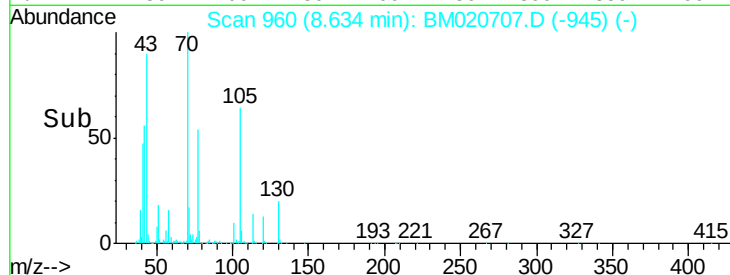
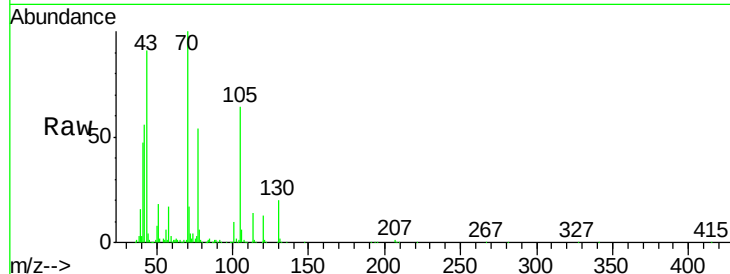
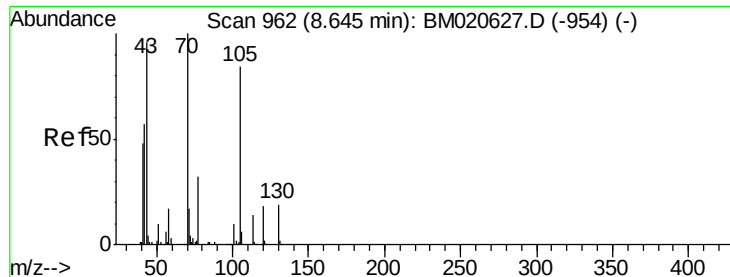


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

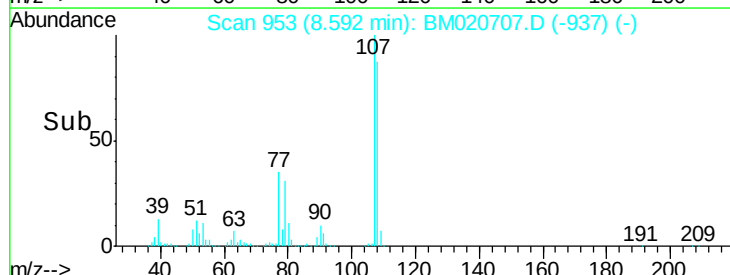
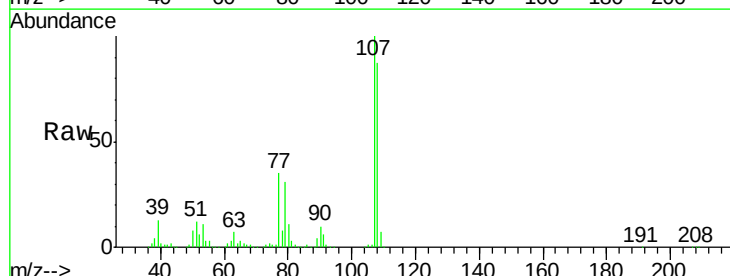
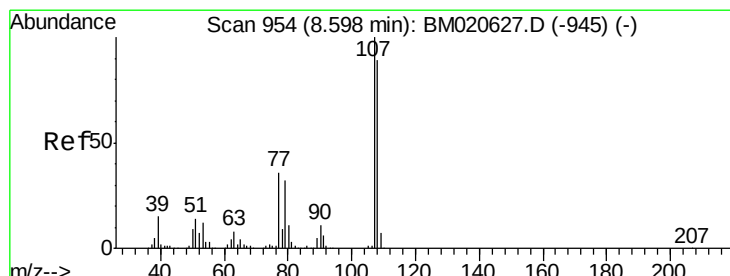
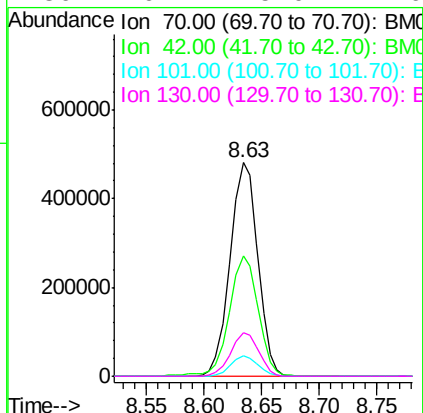




#19  
n-Nitroso-di-n-propylamine  
Concen: 35.335 ng  
RT: 8.63 min Scan# 960  
Delta R.T. -0.01 min  
Lab File: BM020707.D  
Acq: 04 Jun 2019 17:36

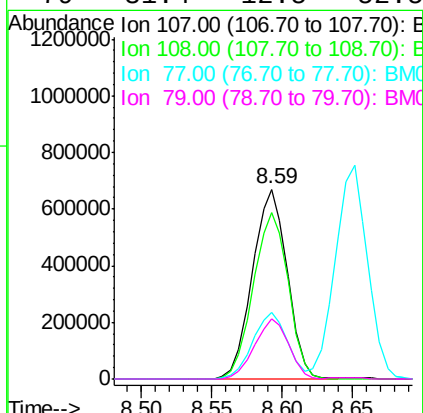
Instrument :  
BNA\_M  
ClientSampleId :  
PB120243BS

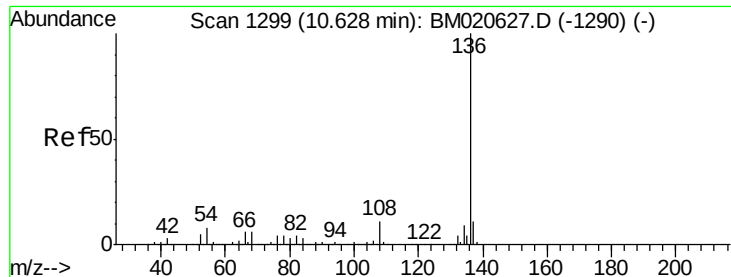
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 802102 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 56.4  | 46.8  | 70.2   |
| 101      | 9.8   | 7.8   | 11.6   |
| 130      | 20.2  | 15.0  | 22.6   |



#20  
3+4-Methylphenols  
Concen: 39.942 ng  
RT: 8.59 min Scan# 953  
Delta R.T. -0.01 min  
Lab File: BM020707.D  
Acq: 04 Jun 2019 17:36

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 107   | Resp: | 1162924 |
| Ion      | Ratio | Lower | Upper   |
| 107      | 100   |       |         |
| 108      | 87.5  | 69.2  | 109.2   |
| 77       | 35.1  | 16.2  | 56.2    |
| 79       | 31.4  | 12.5  | 52.5    |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA\_M

ClientSampleId :

PB120243BS

Tgt Ion:136 Resp: 1349070

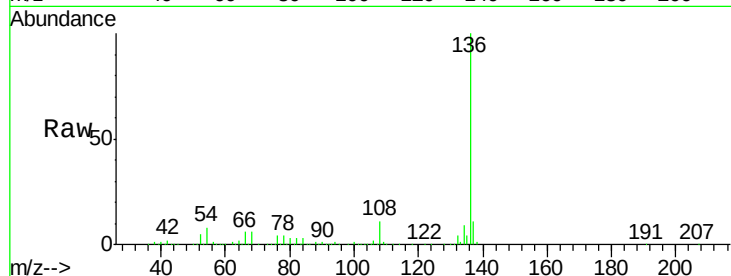
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.8 6.6 10.0

68 6.2 5.1 7.7

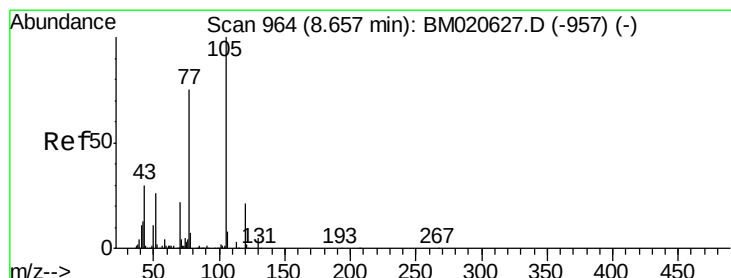
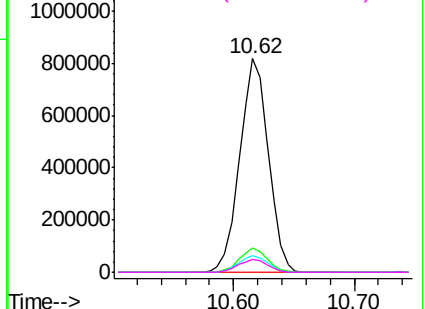
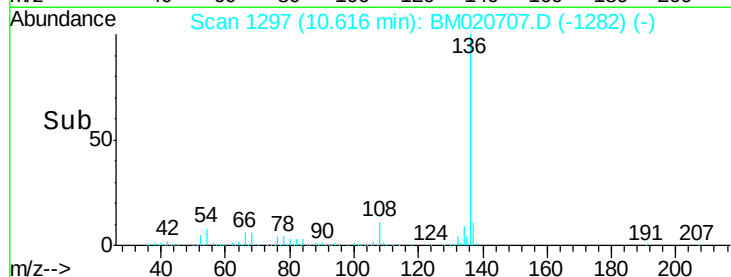


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 43.237 ng

RT: 8.65 min Scan# 963

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Tgt Ion:105 Resp: 1481791

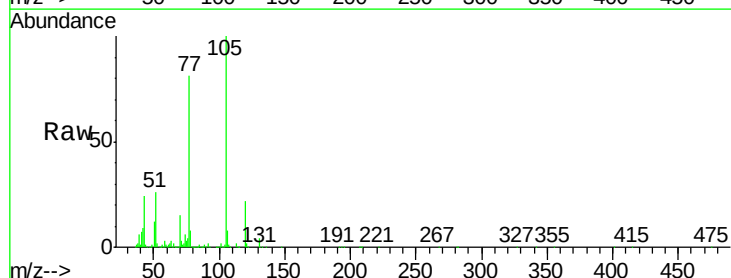
Ion Ratio Lower Upper

105 100

71 2.6 3.2 4.8#

51 26.1 22.8 34.2

120 21.9 17.0 25.4

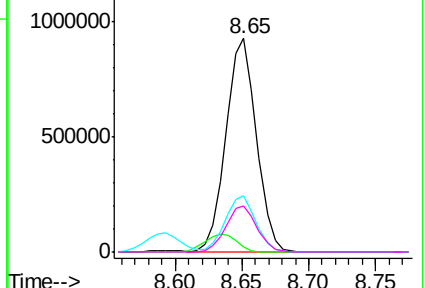
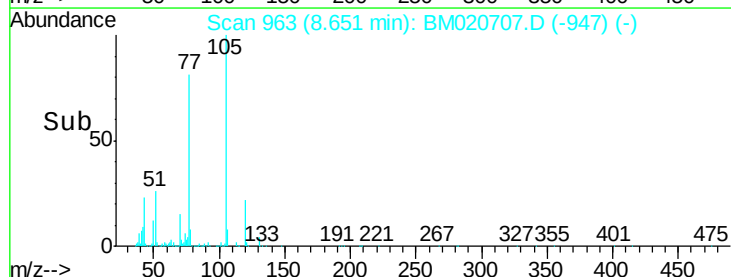


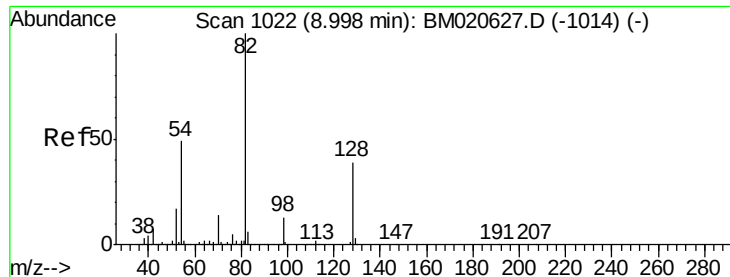
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

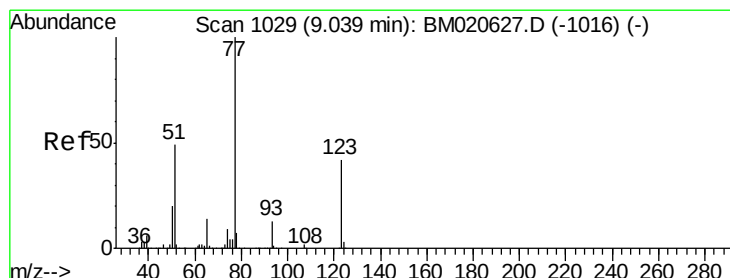
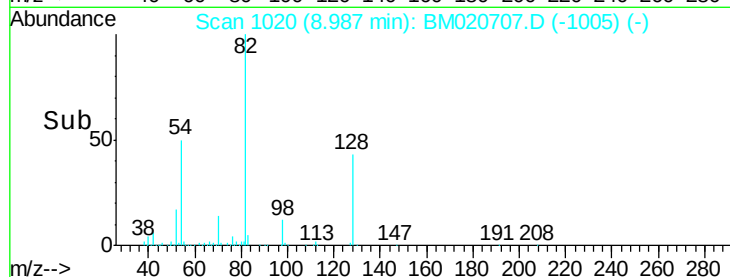
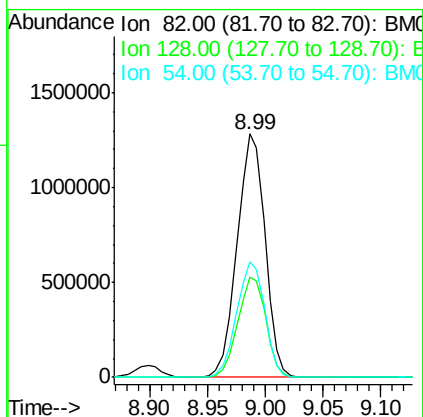
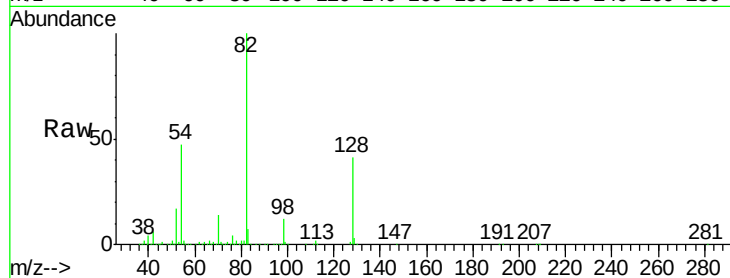




#23  
 Nitrobenzene-d5  
 Concen: 82.702 ng  
 RT: 8.99 min Scan# 1020  
 Delta R.T. -0.01 min  
 Lab File: BM020707.D  
 Acq: 04 Jun 2019 17:36

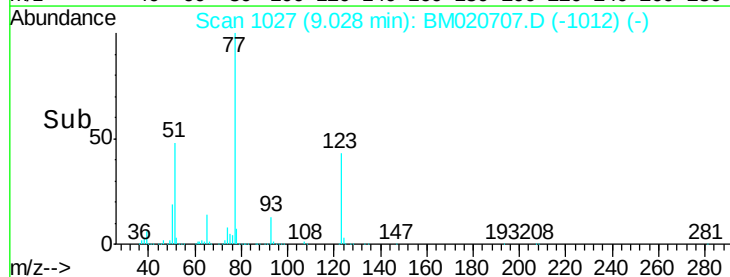
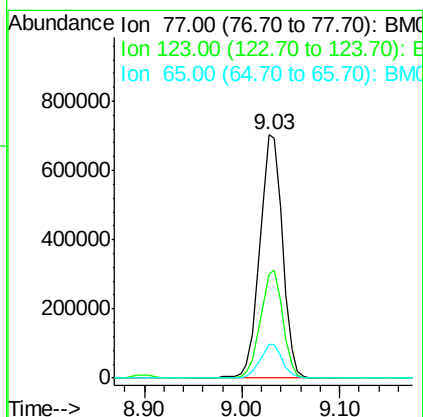
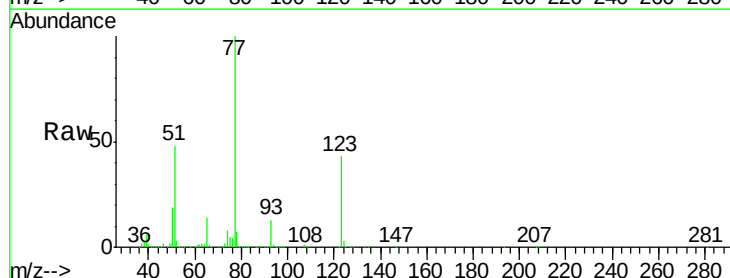
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB120243BS

Tgt Ion: 82 Resp: 2153393  
 Ion Ratio Lower Upper  
 82 100  
 128 41.3 31.5 47.3  
 54 47.5 39.4 59.0

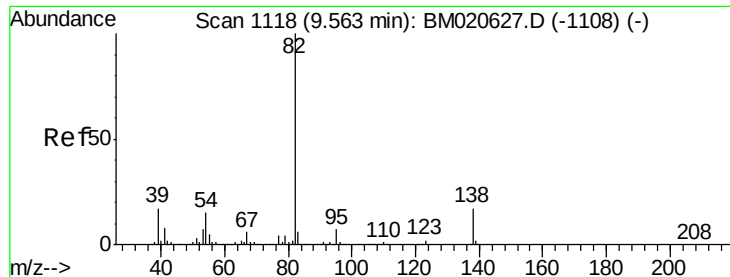


#24  
 Nitrobenzene  
 Concen: 43.475 ng  
 RT: 9.03 min Scan# 1027  
 Delta R.T. -0.01 min  
 Lab File: BM020707.D  
 Acq: 04 Jun 2019 17:36

Tgt Ion: 77 Resp: 1155635  
 Ion Ratio Lower Upper  
 77 100  
 123 42.7 33.7 50.5  
 65 13.9 11.0 16.6



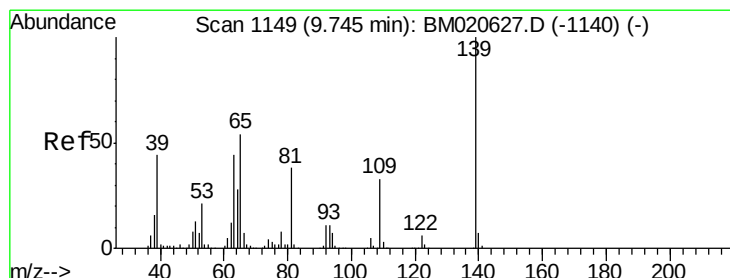
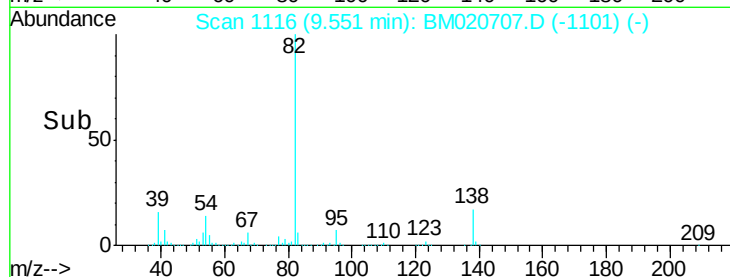
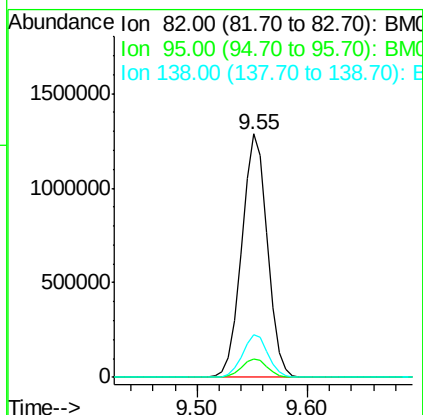
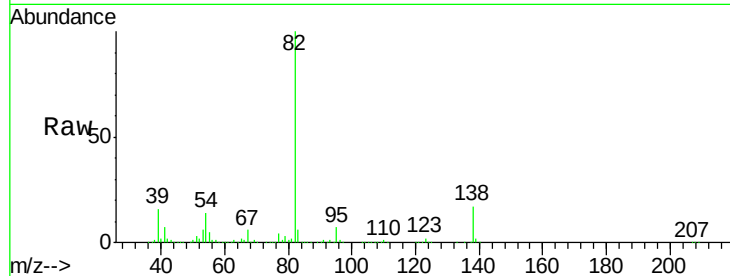




#25  
Isophorone  
Concen: 40.451 ng  
RT: 9.55 min Scan# 1116  
Delta R.T. -0.01 min  
Lab File: BM020707.D  
Acq: 04 Jun 2019 17:36

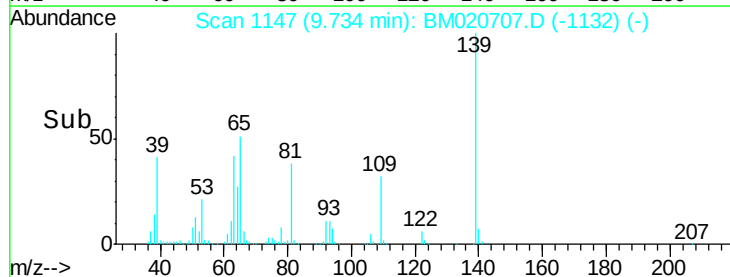
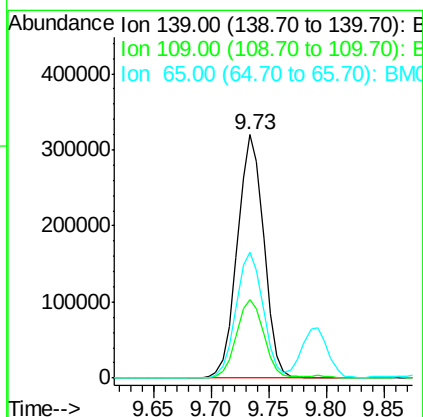
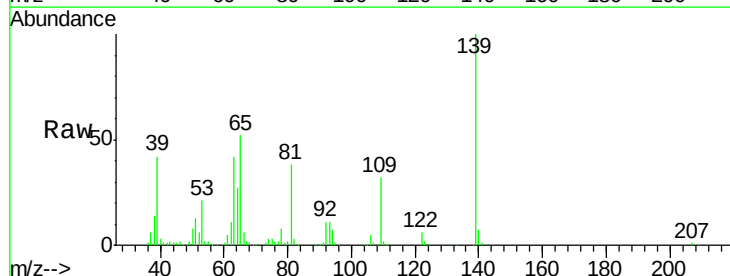
Instrument :  
BNA\_M  
ClientSampleId :  
PB120243BS

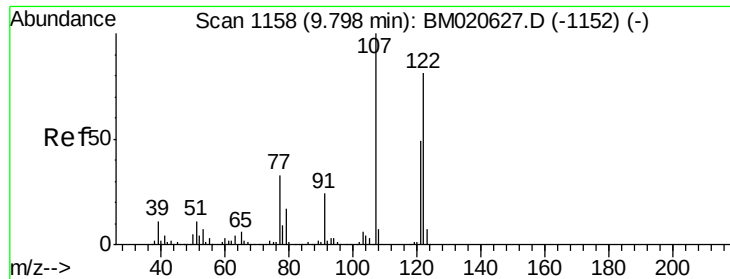
Tgt Ion: 82 Resp: 2095103  
Ion Ratio Lower Upper  
82 100  
95 7.4 5.8 8.8  
138 17.3 13.8 20.8



#26  
2-Nitrophenol  
Concen: 51.331 ng  
RT: 9.73 min Scan# 1147  
Delta R.T. -0.01 min  
Lab File: BM020707.D  
Acq: 04 Jun 2019 17:36

Tgt Ion: 139 Resp: 508523  
Ion Ratio Lower Upper  
139 100  
109 32.5 26.1 39.1  
65 51.5 43.4 65.0

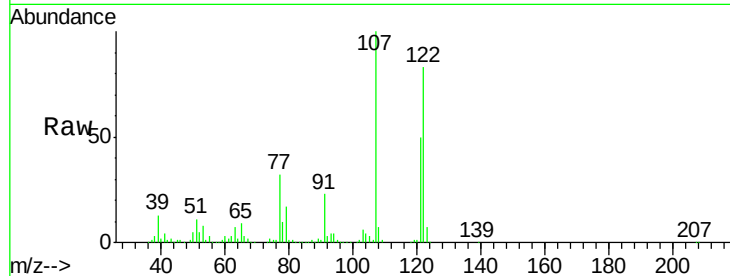




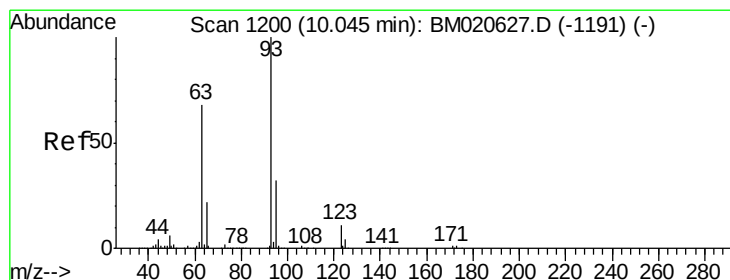
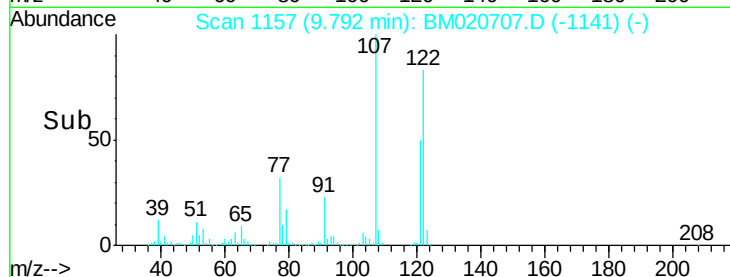
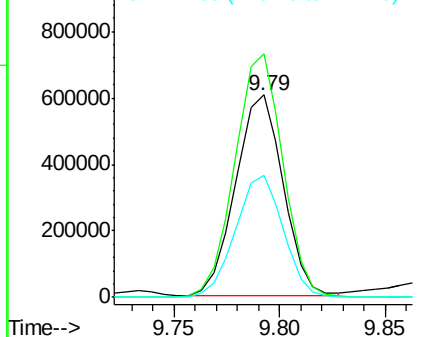
#27  
 2,4-Dimethylphenol  
 Concen: 50.665 ng  
 RT: 9.79 min Scan# 1157  
 Delta R.T. -0.01 min  
 Lab File: BM020707.D  
 Acq: 04 Jun 2019 17:36

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB120243BS

Tgt Ion: 122 Resp: 940516  
 Ion Ratio Lower Upper  
 122 100  
 107 120.4 98.0 147.0  
 121 60.2 48.2 72.4

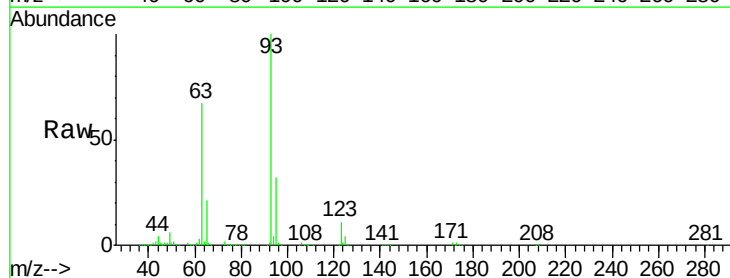


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

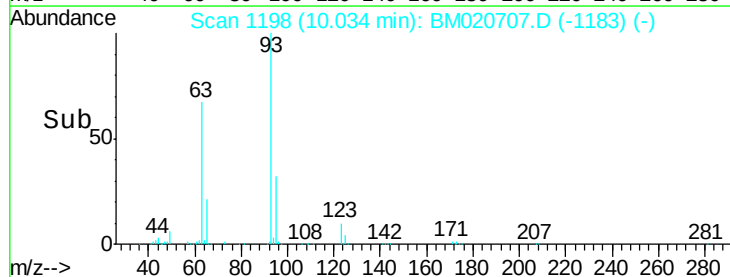
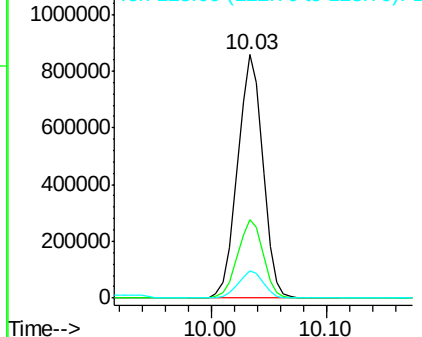


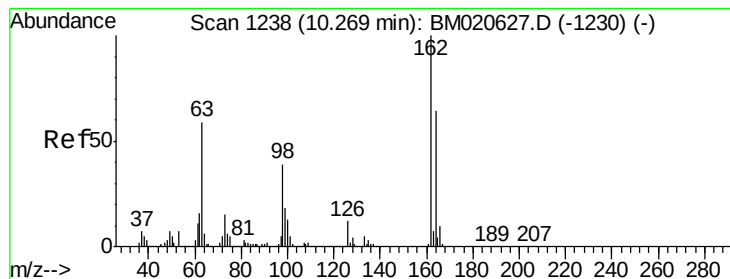
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 41.487 ng  
 RT: 10.03 min Scan# 1198  
 Delta R.T. -0.01 min  
 Lab File: BM020707.D  
 Acq: 04 Jun 2019 17:36

Tgt Ion: 93 Resp: 1299221  
 Ion Ratio Lower Upper  
 93 100  
 95 32.5 25.8 38.6  
 123 11.0 9.0 13.6



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





#29

2,4-Dichlorophenol

Concen: 46.920 ng

RT: 10.26 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA\_M

ClientSampleId :

PB120243BS

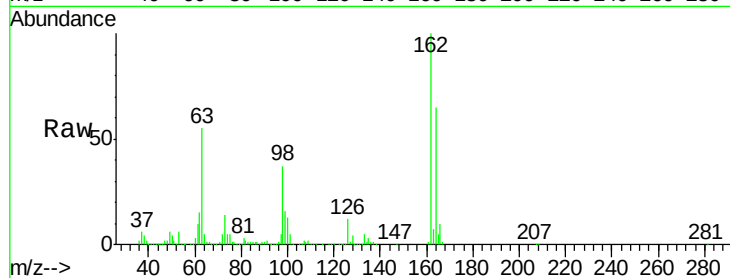
Tgt Ion:162 Resp: 963661

Ion Ratio Lower Upper

162 100

164 64.9 43.8 83.8

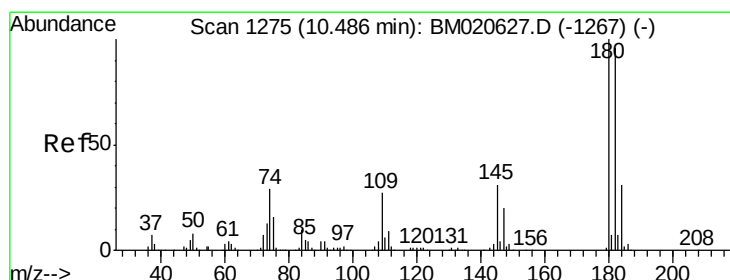
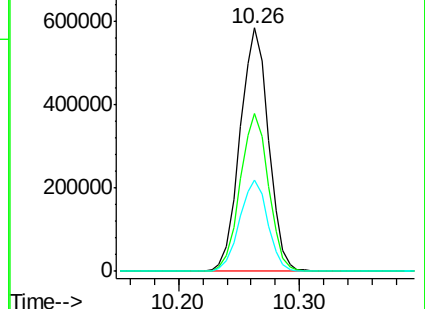
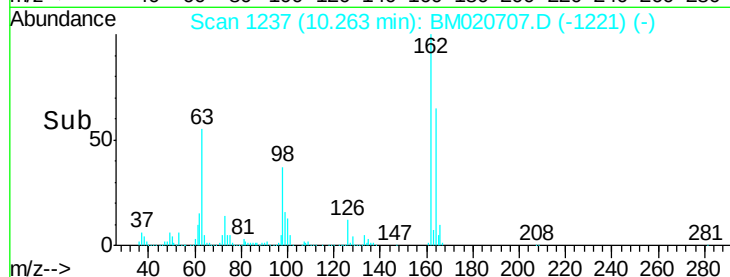
98 37.3 19.1 59.1



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: 44.066 ng

RT: 10.48 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

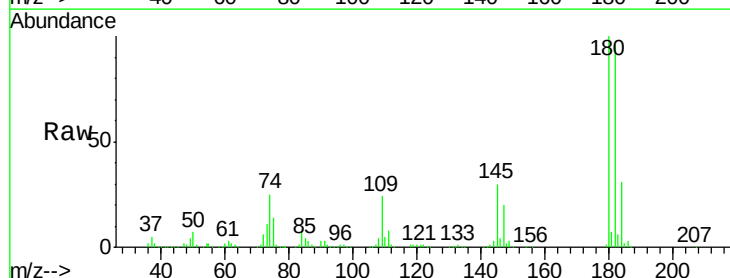
Tgt Ion:180 Resp: 1040657

Ion Ratio Lower Upper

180 100

182 95.6 77.0 115.6

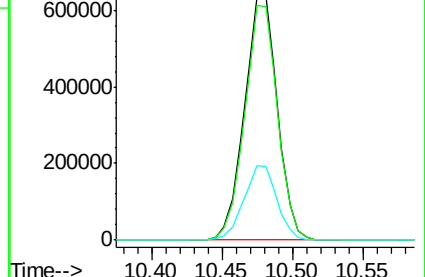
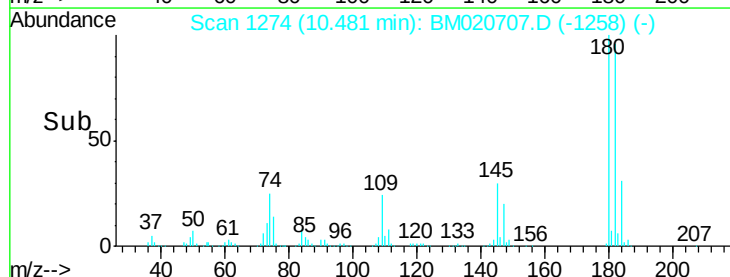
145 30.1 25.0 37.4

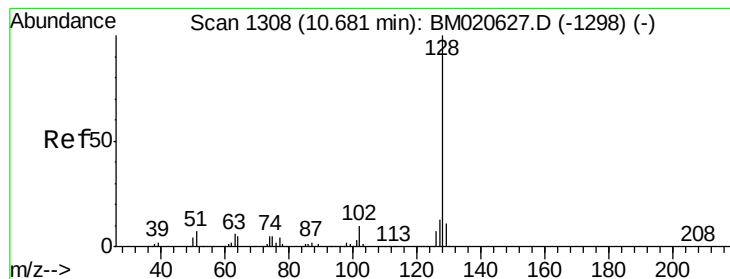


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.651 ng

RT: 10.67 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA\_M

ClientSampleId :

PB120243BS

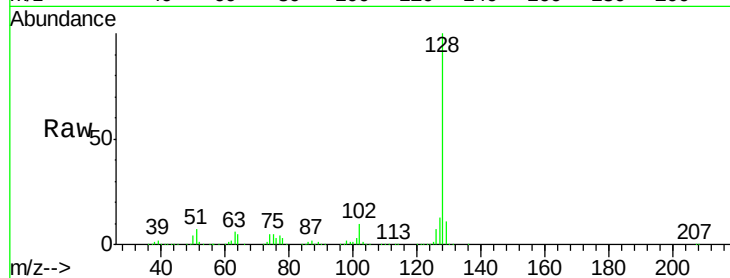
Tgt Ion:128 Resp: 3028268

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

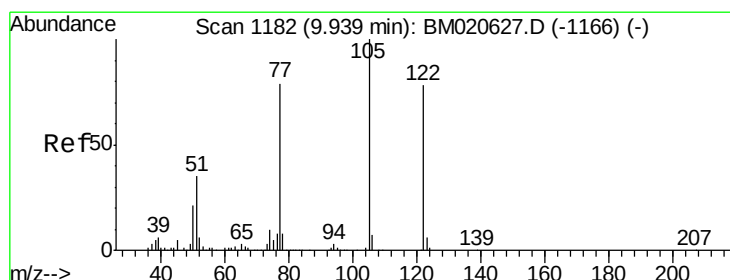
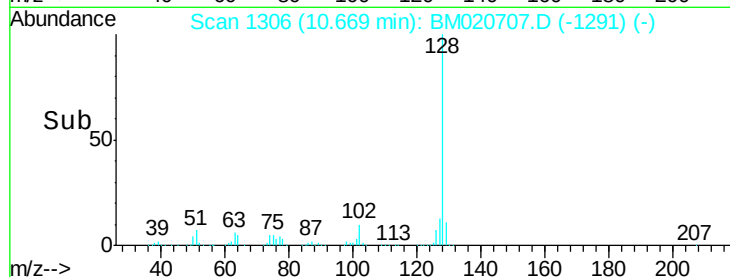
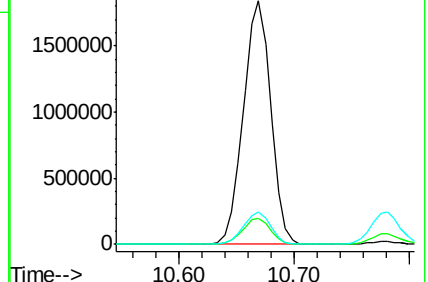
127 13.1 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.247 ng

RT: 9.93 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

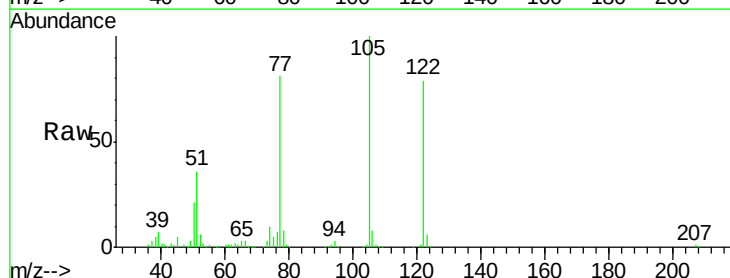
Tgt Ion:122 Resp: 511748

Ion Ratio Lower Upper

122 100

105 126.8 107.0 147.0

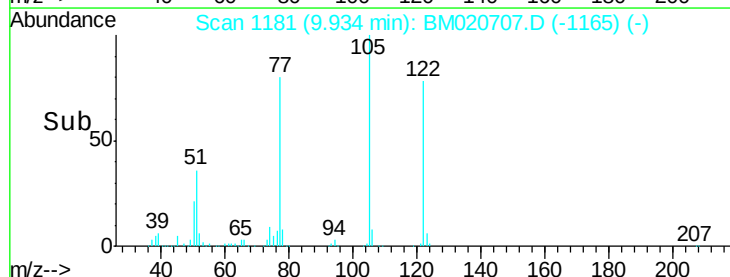
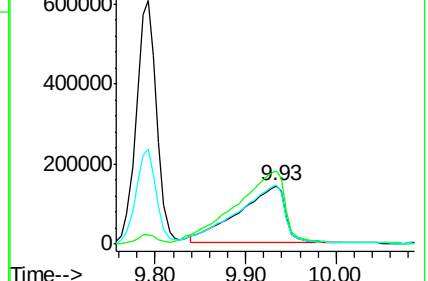
77 102.1 80.9 120.9

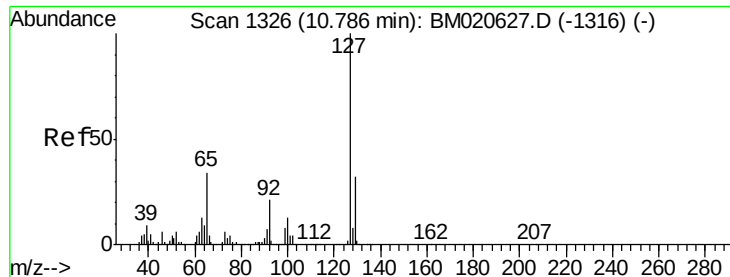


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

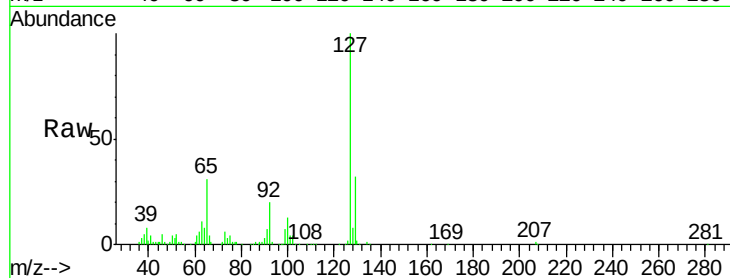




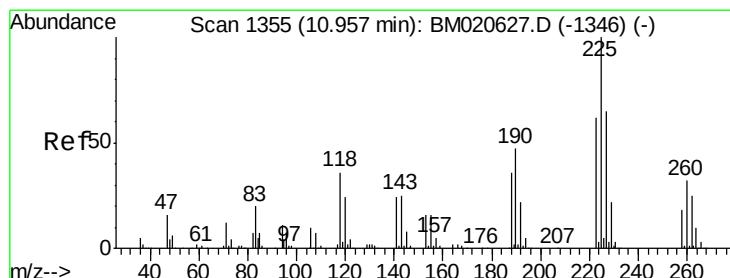
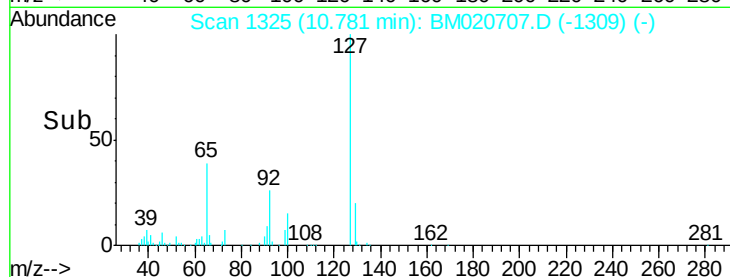
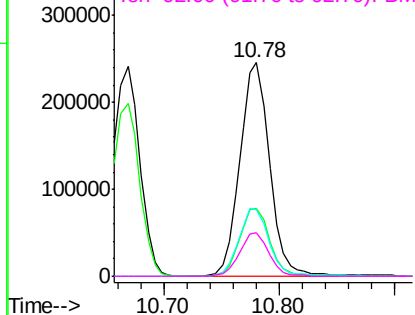
#33  
4-Chloroaniline  
Concen: 13.627 ng  
RT: 10.78 min Scan# 1325  
Delta R.T. -0.01 min  
Lab File: BM020707.D  
Acq: 04 Jun 2019 17:36

Instrument :  
BNA\_M  
ClientSampleId :  
PB120243BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 439969 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.8  | 25.7  | 38.5   |
| 65       | 31.2  | 27.4  | 41.0   |
| 92       | 20.3  | 17.0  | 25.6   |

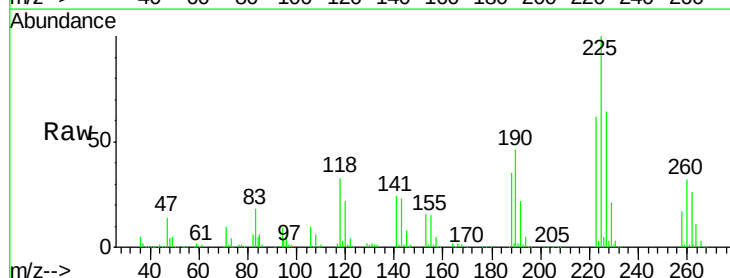


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM  
Ion 92.00 (91.70 to 92.70): BM

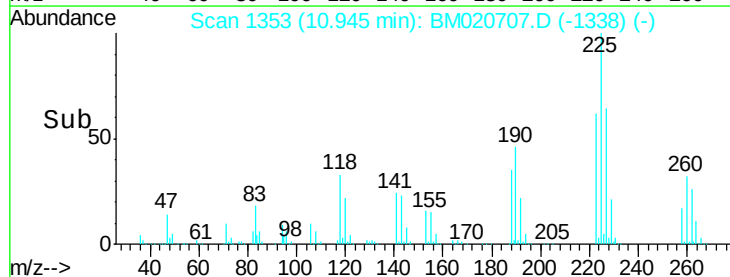
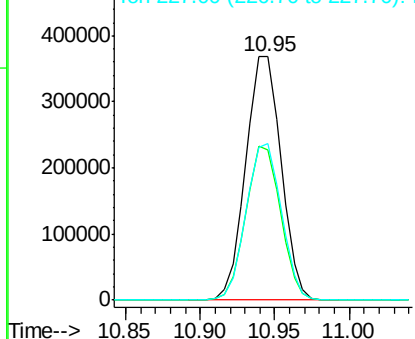


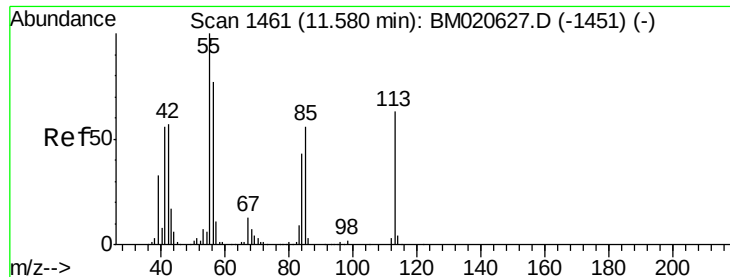
#34  
Hexachlorobutadiene  
Concen: 42.654 ng  
RT: 10.95 min Scan# 1353  
Delta R.T. -0.01 min  
Lab File: BM020707.D  
Acq: 04 Jun 2019 17:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 604403 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.8  | 49.7  | 74.5   |
| 227      | 64.3  | 51.8  | 77.8   |



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: 32.997 ng

RT: 11.57 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA\_M

ClientSampleId :

PB120243BS

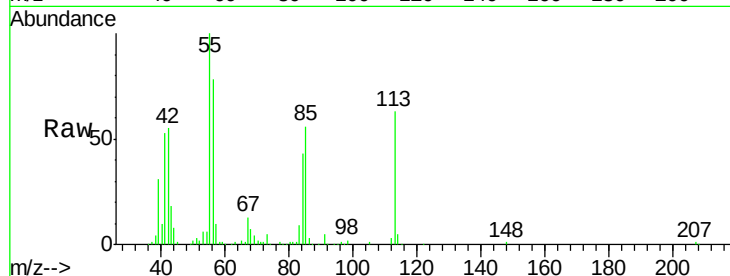
Tgt Ion:113 Resp: 235431

Ion Ratio Lower Upper

113 100

55 158.5 138.6 178.6

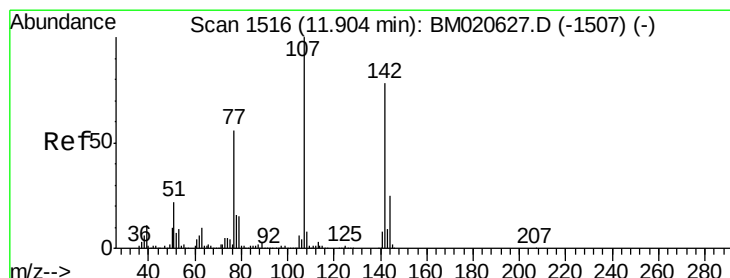
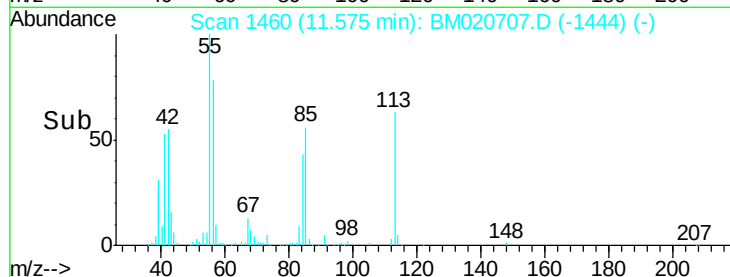
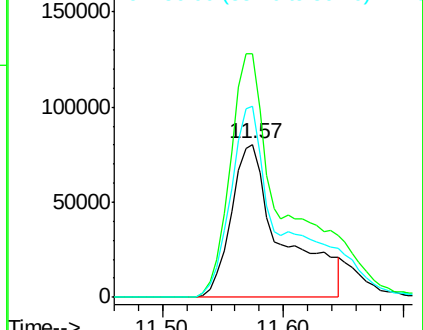
56 124.4 102.3 142.3



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: 40.962 ng

RT: 11.90 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

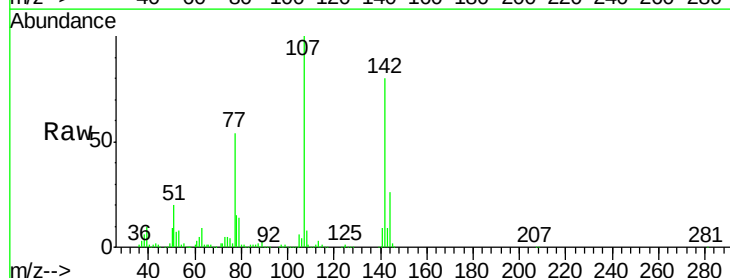
Tgt Ion:107 Resp: 978133

Ion Ratio Lower Upper

107 100

144 25.9 20.3 30.5

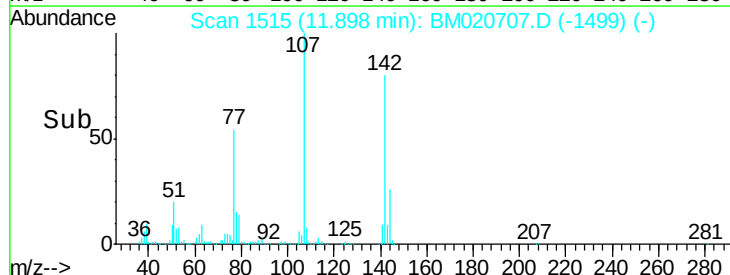
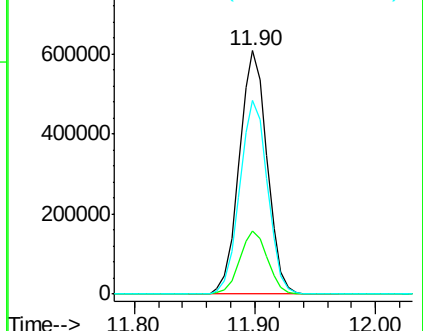
142 79.6 62.6 93.8

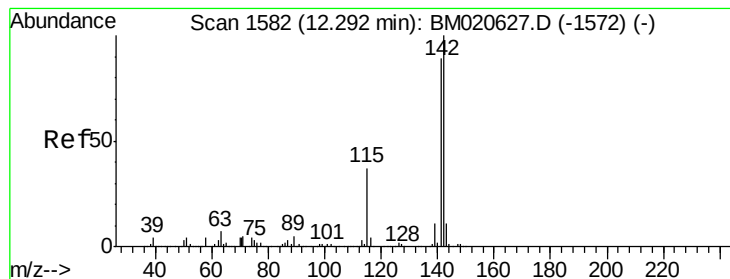


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.933 ng

RT: 12.28 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA\_M

ClientSampleId :

PB120243BS

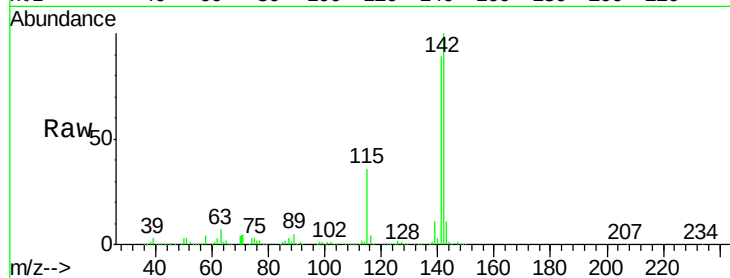
Tgt Ion:142 Resp: 2207688

Ion Ratio Lower Upper

142 100

141 88.6 71.6 107.4

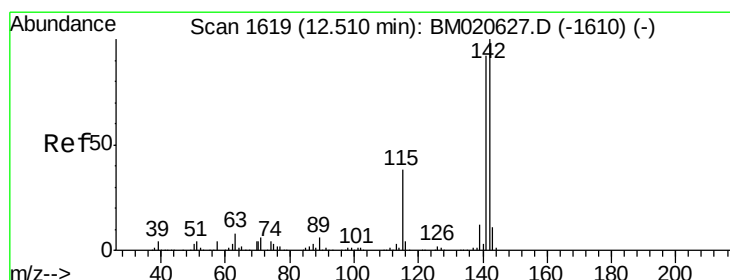
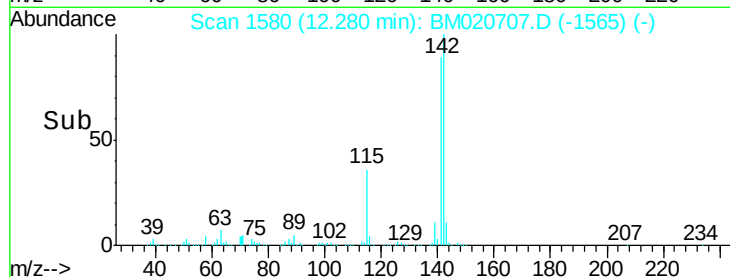
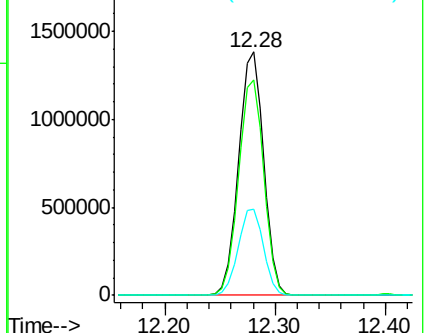
115 35.6 29.6 44.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.620 ng

RT: 12.50 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

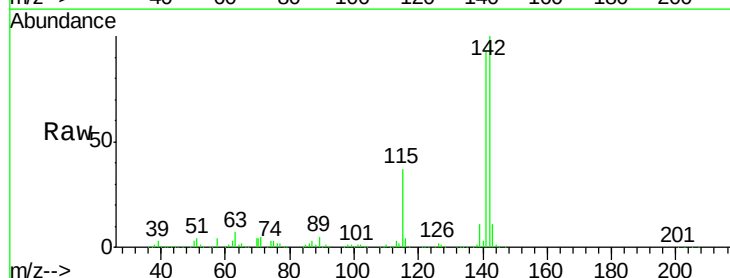
Tgt Ion:142 Resp: 2086785

Ion Ratio Lower Upper

142 100

141 92.9 73.9 110.9

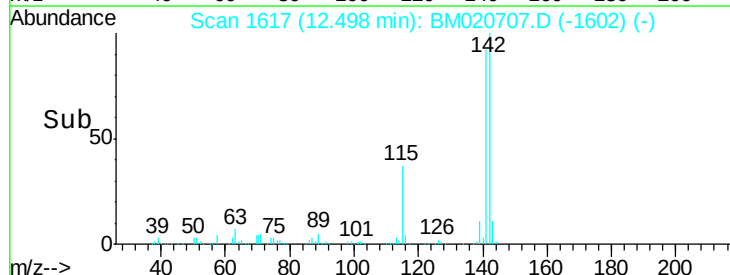
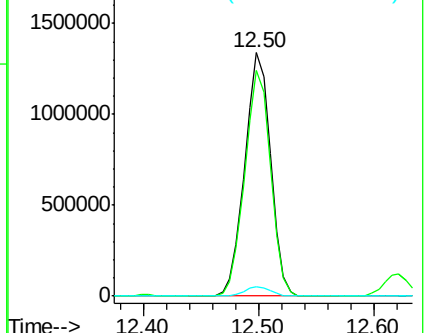
116 3.9 3.2 4.8

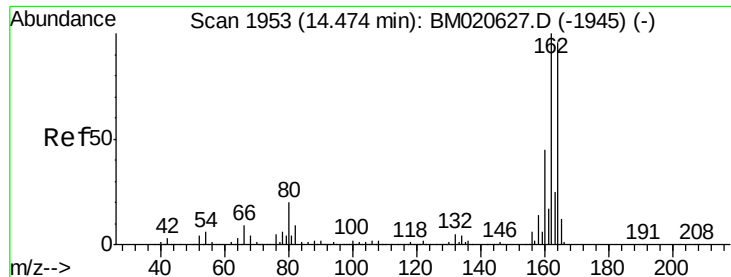


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA\_M

ClientSampleId :

PB120243BS

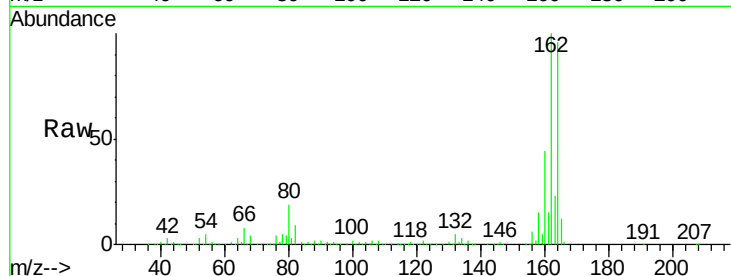
Tgt Ion:164 Resp: 712948

Ion Ratio Lower Upper

164 100

162 104.5 83.2 124.8

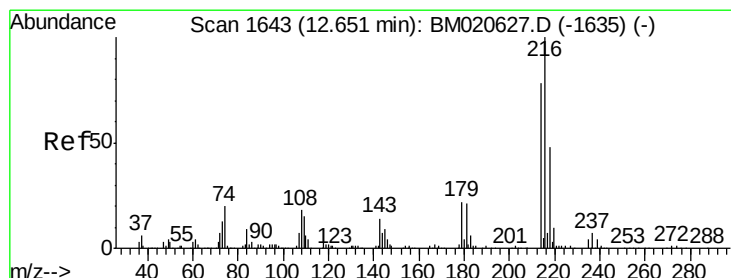
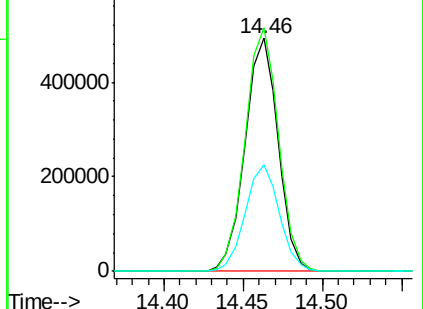
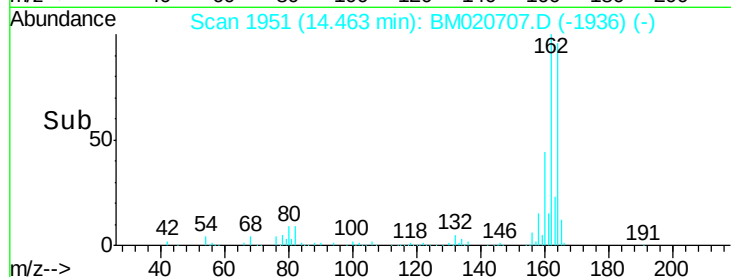
160 45.9 37.5 56.3



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: 48.195 ng

RT: 12.65 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Tgt Ion:216 Resp: 1126021

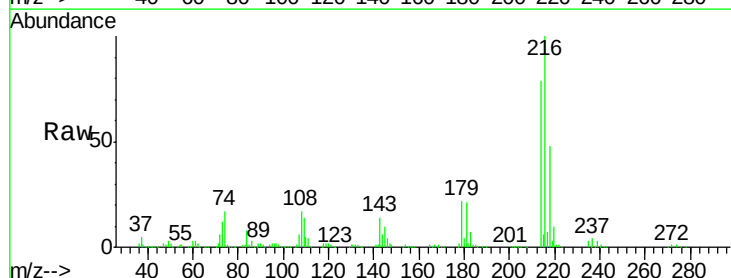
Ion Ratio Lower Upper

216 100

214 78.3 63.0 94.4

179 21.8 17.9 26.9

108 21.5 16.2 24.2

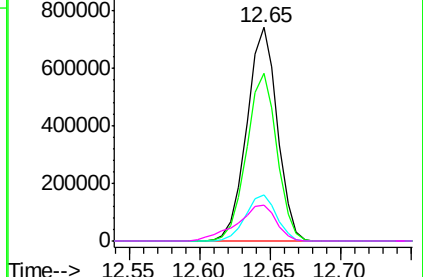
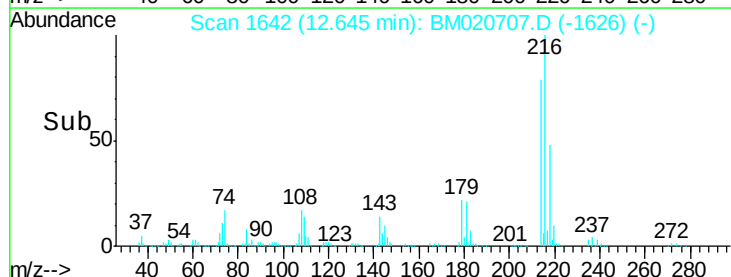


Abundance Ion 216.00 (215.70 to 216.70): E

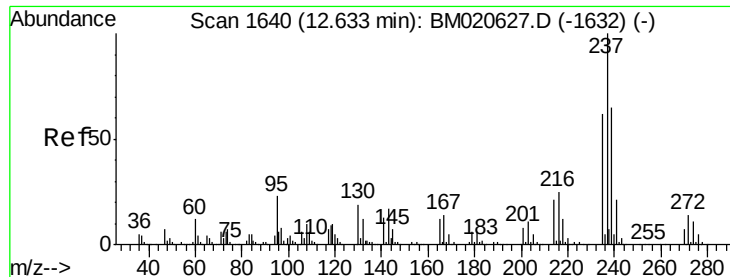
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 104.374 ng

RT: 12.62 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA\_M

ClientSampleId :

PB120243BS

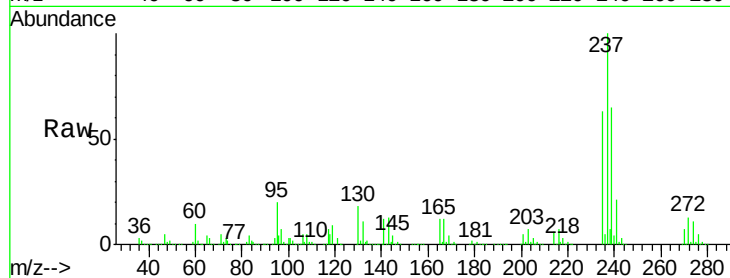
Tgt Ion:237 Resp: 1458463

Ion Ratio Lower Upper

237 100

235 62.8 42.1 82.1

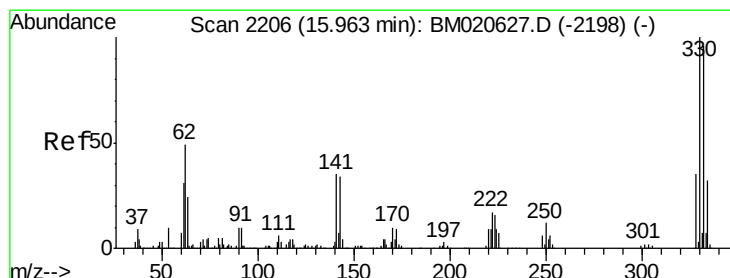
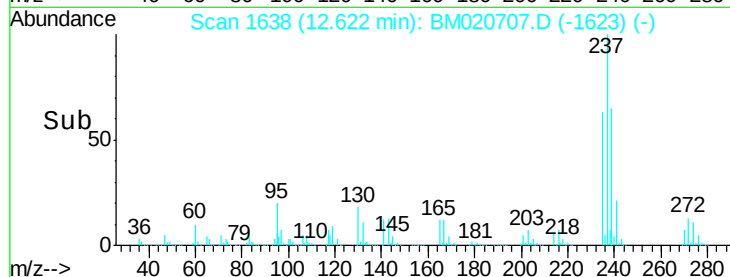
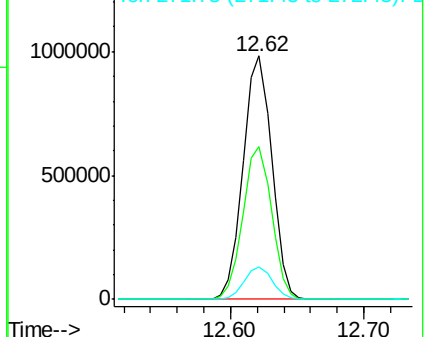
272 13.4 0.0 33.5



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: 134.275 ng

RT: 15.95 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

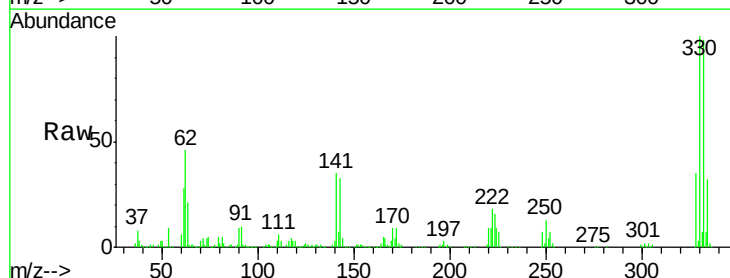
Tgt Ion:330 Resp: 1186103

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.0

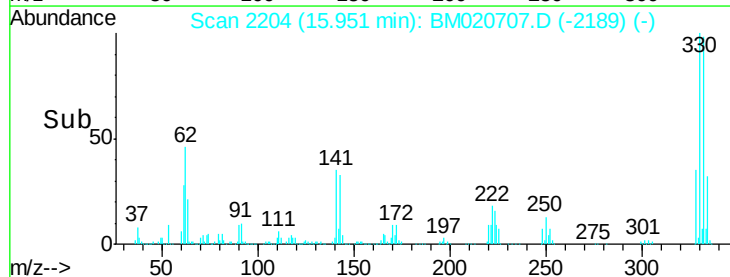
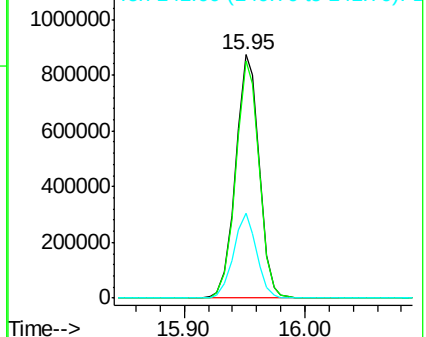
141 34.4 30.4 45.6

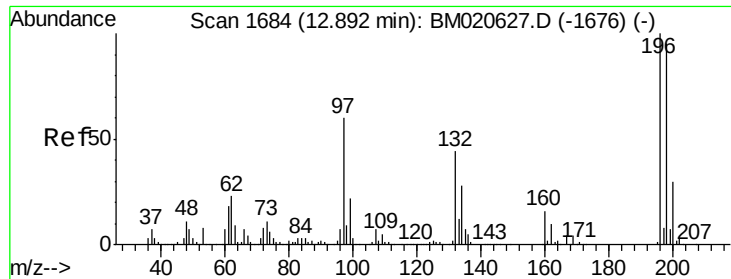


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

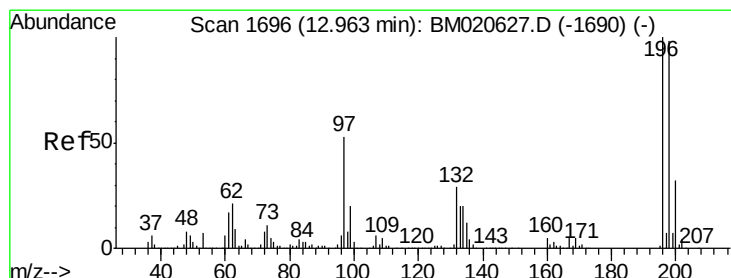
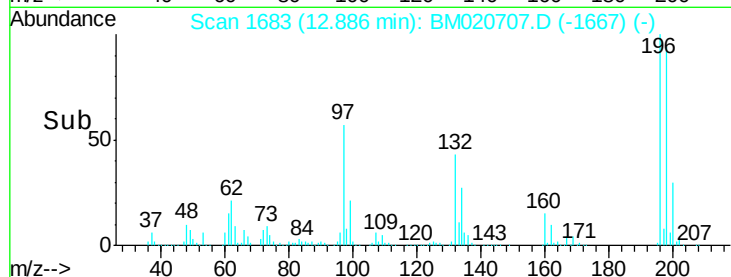
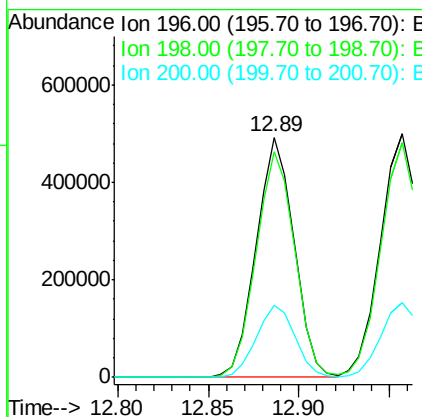
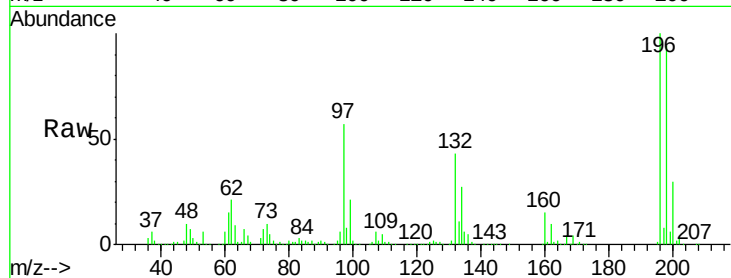




#43  
 2,4,6-Trichlorophenol  
 Concen: 47.547 ng  
 RT: 12.89 min Scan# 1683  
 Delta R.T. -0.01 min  
 Lab File: BM020707.D  
 Acq: 04 Jun 2019 17:36

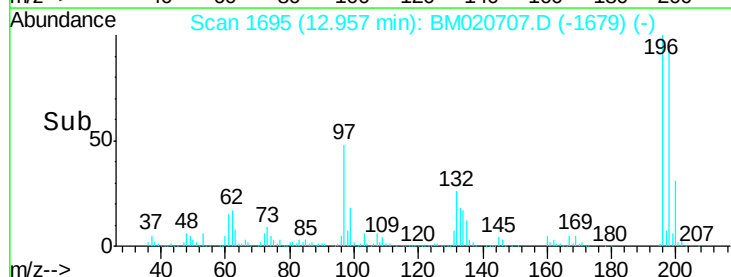
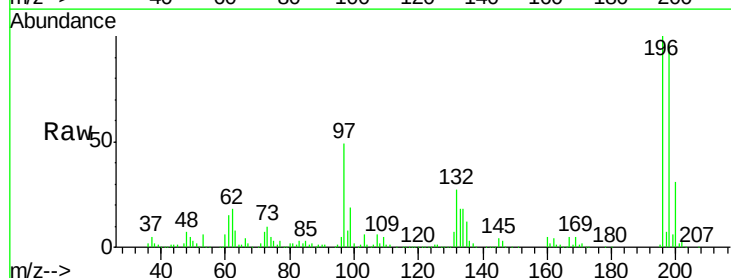
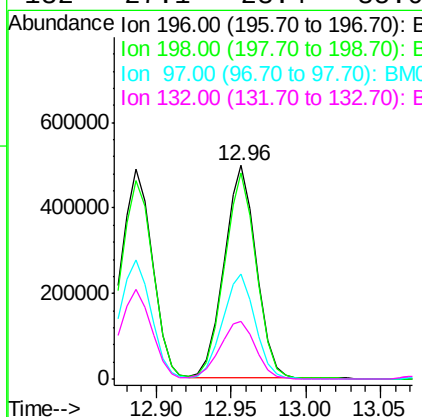
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB120243BS

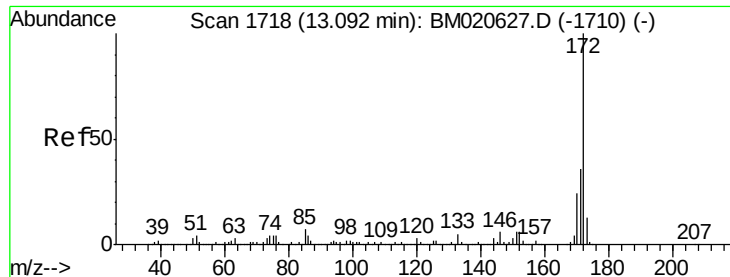
Tgt Ion:196 Resp: 715050  
 Ion Ratio Lower Upper  
 196 100  
 198 94.1 75.7 113.5  
 200 30.3 23.9 35.9



#44  
 2,4,5-Trichlorophenol  
 Concen: 48.431 ng  
 RT: 12.96 min Scan# 1695  
 Delta R.T. -0.01 min  
 Lab File: BM020707.D  
 Acq: 04 Jun 2019 17:36

Tgt Ion:196 Resp: 751943  
 Ion Ratio Lower Upper  
 196 100  
 198 96.3 78.6 117.8  
 97 49.3 42.7 64.1  
 132 27.1 23.4 35.0

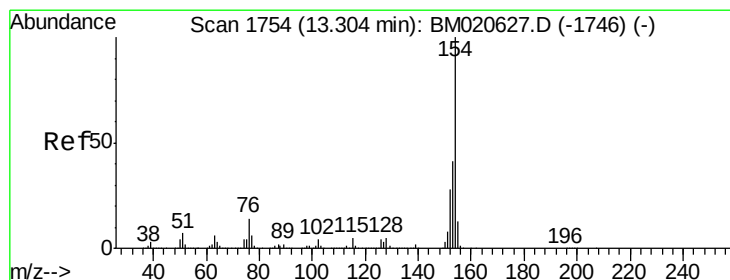
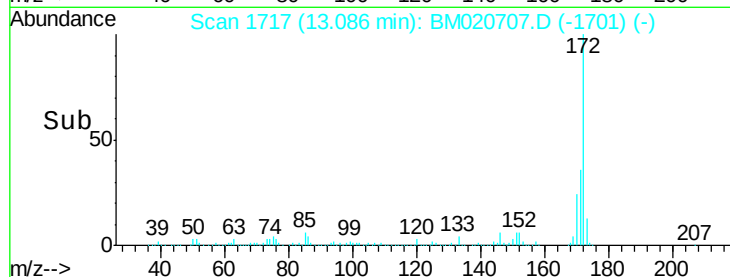
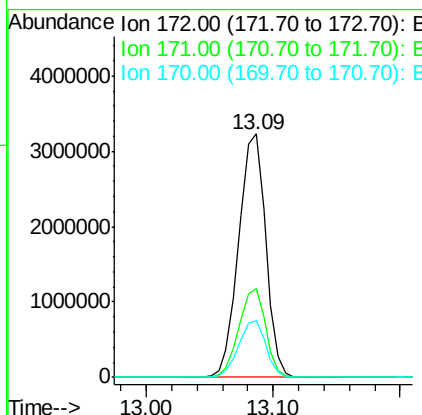
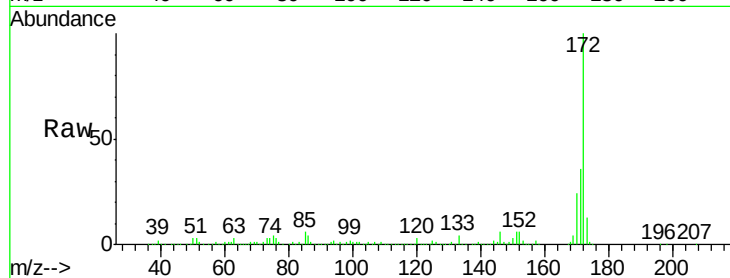




#45  
2-Fluorobiphenyl  
Concen: 89.061 ng  
RT: 13.09 min Scan# 1717  
Delta R.T. -0.01 min  
Lab File: BM020707.D  
Acq: 04 Jun 2019 17:36

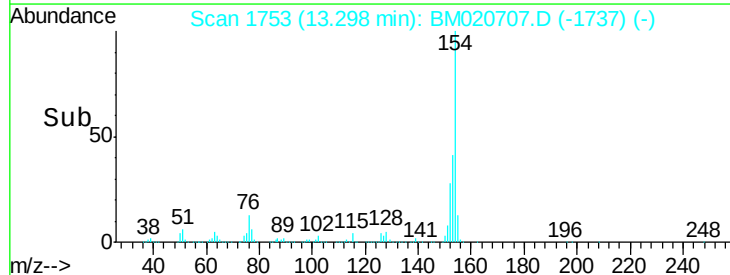
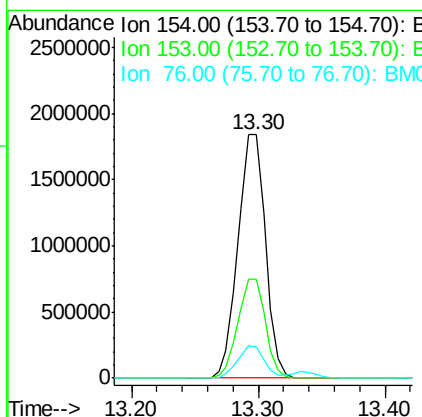
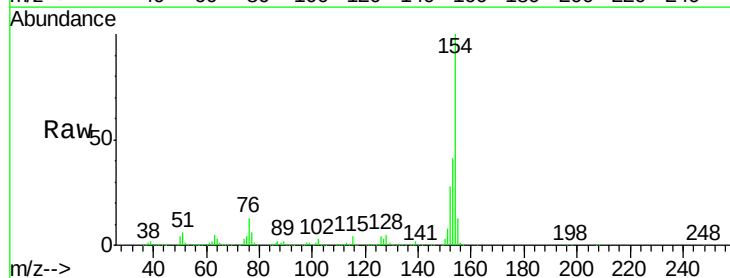
Instrument :  
BNA\_M  
ClientSampleId :  
PB120243BS

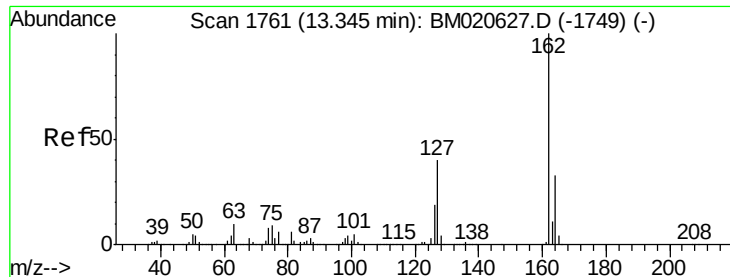
Tgt Ion:172 Resp: 4776108  
Ion Ratio Lower Upper  
172 100  
171 36.2 28.6 43.0  
170 23.5 18.9 28.3



#46  
1,1'-Biphenyl  
Concen: 46.249 ng  
RT: 13.30 min Scan# 1753  
Delta R.T. -0.01 min  
Lab File: BM020707.D  
Acq: 04 Jun 2019 17:36

Tgt Ion:154 Resp: 2753815  
Ion Ratio Lower Upper  
154 100  
153 40.6 20.7 60.7  
76 13.0 0.0 34.0

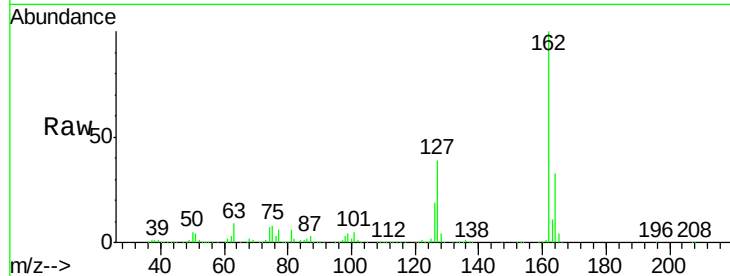




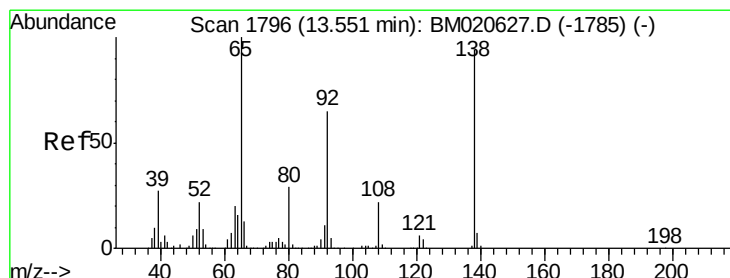
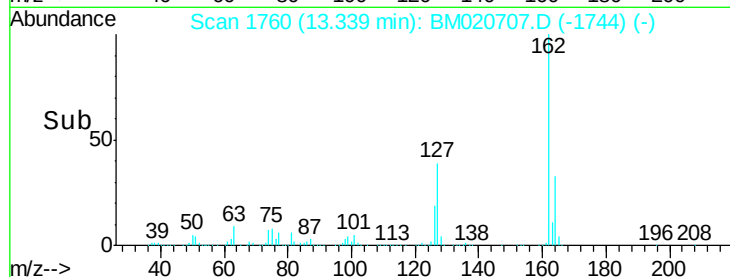
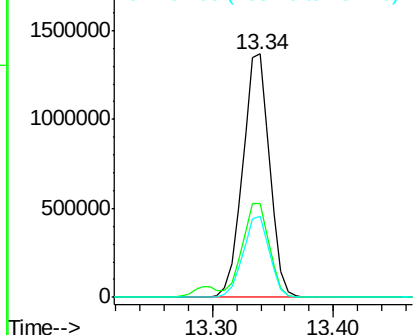
#47  
2-Chloronaphthalene  
Concen: 43.960 ng  
RT: 13.34 min Scan# 1760  
Delta R.T. -0.01 min  
Lab File: BM020707.D  
Acq: 04 Jun 2019 17:36

Instrument :  
BNA\_M  
ClientSampleId :  
PB120243BS

Tgt Ion:162 Resp: 2112593  
Ion Ratio Lower Upper  
162 100  
127 38.6 32.1 48.1  
164 33.2 26.6 39.8

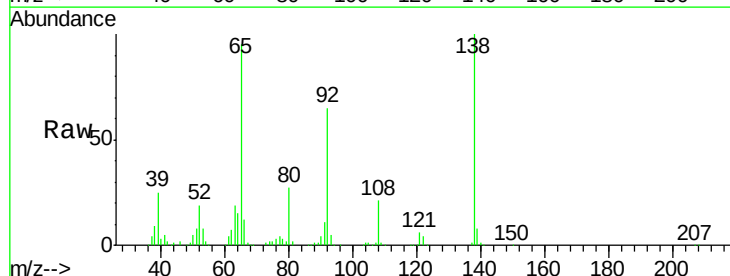


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

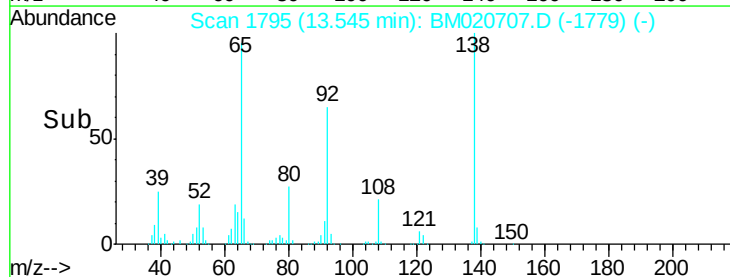
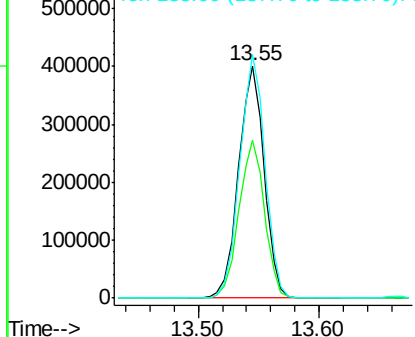


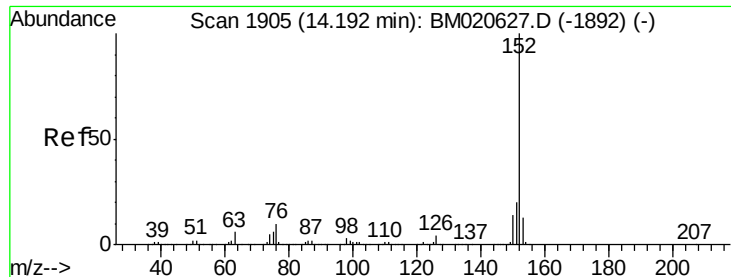
#48  
2-Nitroaniline  
Concen: 39.319 ng  
RT: 13.55 min Scan# 1795  
Delta R.T. -0.01 min  
Lab File: BM020707.D  
Acq: 04 Jun 2019 17:36

Tgt Ion: 65 Resp: 593060  
Ion Ratio Lower Upper  
65 100  
92 68.2 52.2 78.4  
138 104.9 75.4 113.0



Abundance Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0  
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.914 ng

RT: 14.19 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

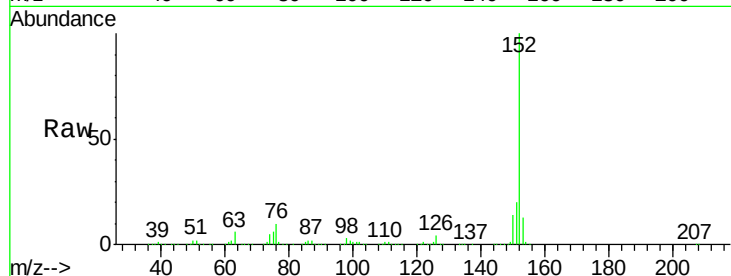
BNA\_M

ClientSampleId :

PB120243BS

Tgt Ion:152 Resp: 3292787

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.1  | 16.2  | 24.2  |
| 153 | 12.9  | 10.6  | 15.8  |

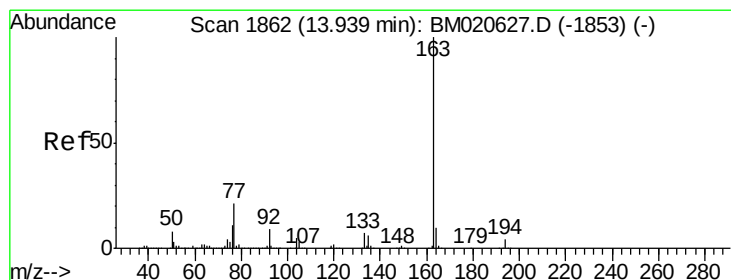
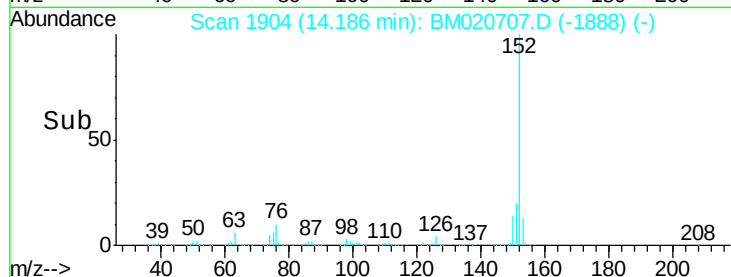
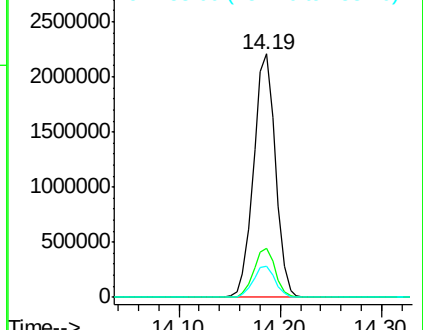


Abundance

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: 41.053 ng

RT: 13.93 min Scan# 1860

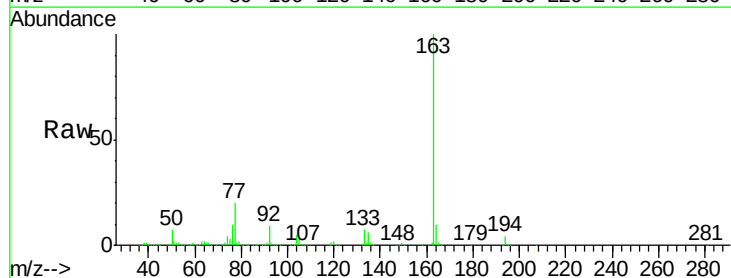
Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Tgt Ion:163 Resp: 2500583

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.2   | 3.2   | 4.8   |
| 164 | 10.0  | 7.9   | 11.9  |

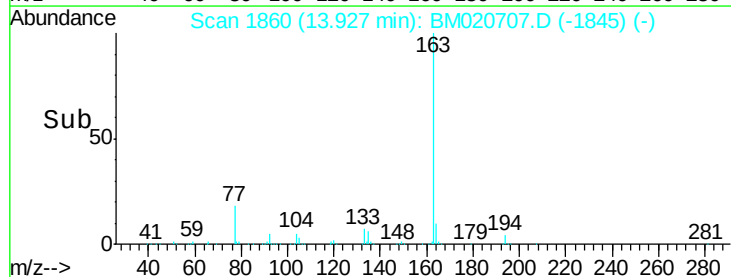
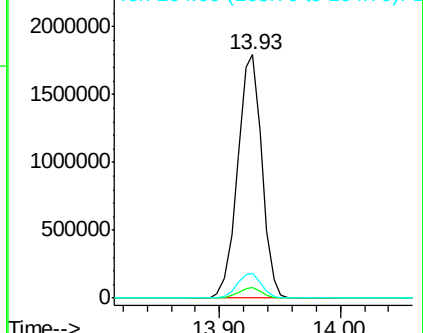


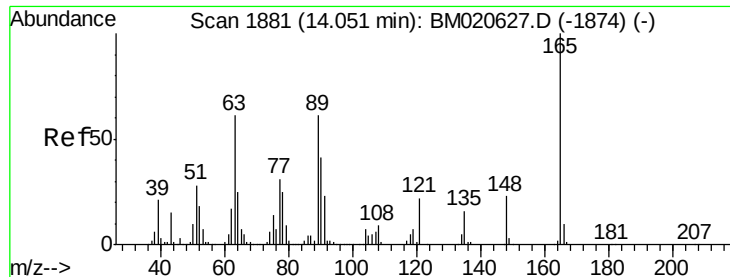
Abundance

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: 43.255 ng

RT: 14.05 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA\_M

ClientSampleId :

PB120243BS

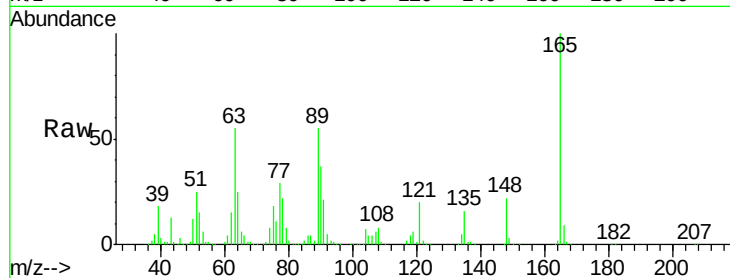
Tgt Ion:165 Resp: 534974

Ion Ratio Lower Upper

165 100

63 54.7 50.4 75.6

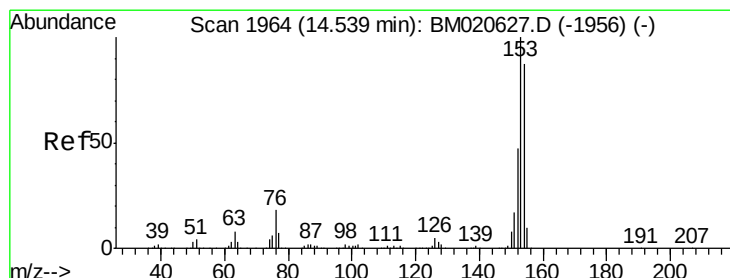
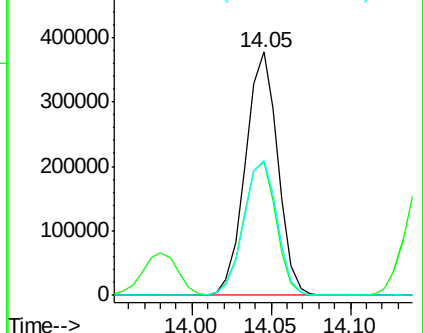
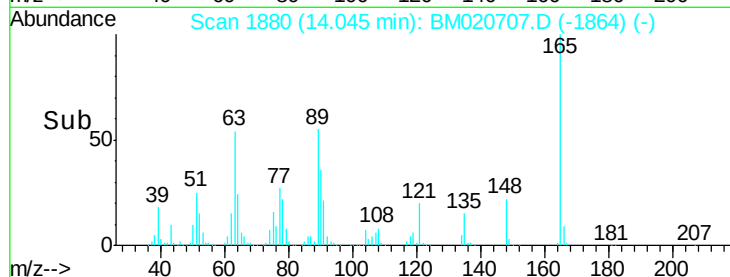
89 55.5 49.1 73.7



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



#52

Acenaphthene

Concen: 42.934 ng

RT: 14.53 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

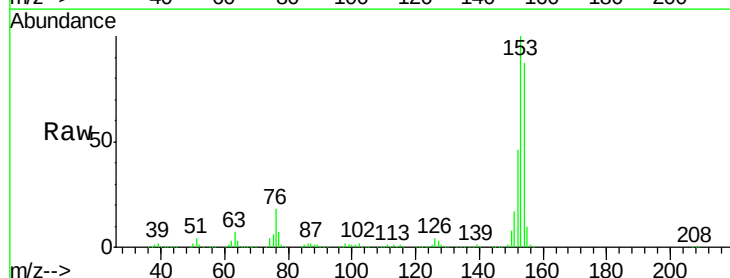
Tgt Ion:154 Resp: 1918527

Ion Ratio Lower Upper

154 100

153 115.1 92.4 138.6

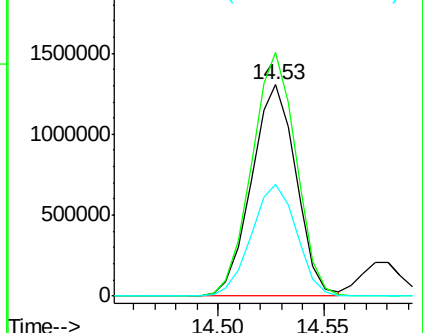
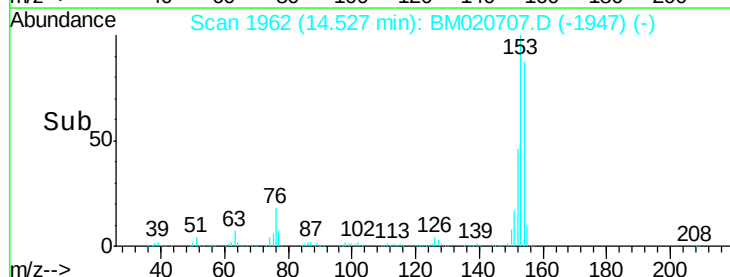
152 53.1 43.4 65.0

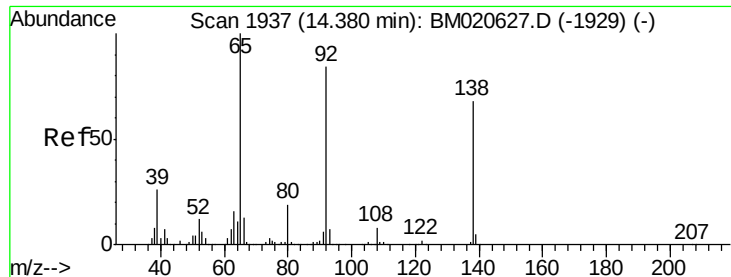


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 22.817 ng

RT: 14.37 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA\_M

ClientSampleId :

PB120243BS

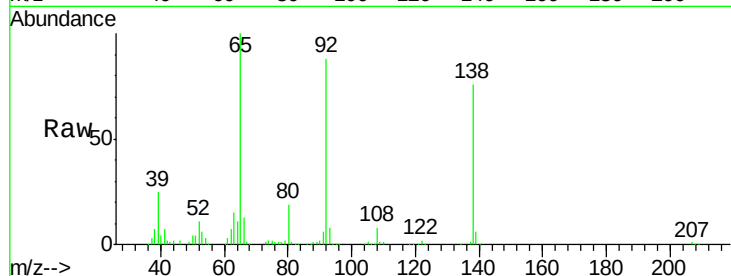
Tgt Ion:138 Resp: 314984

Ion Ratio Lower Upper

138 100

108 11.1 9.5 14.3

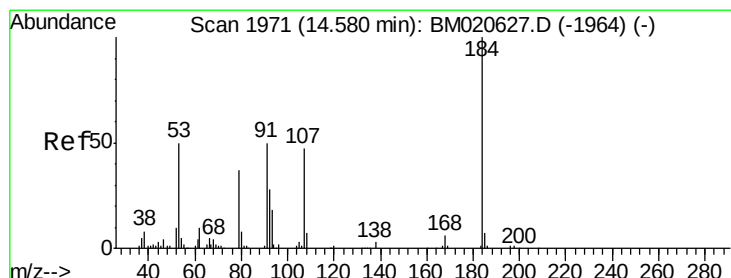
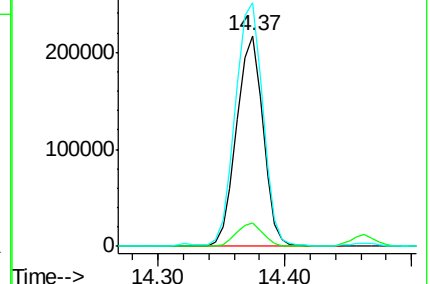
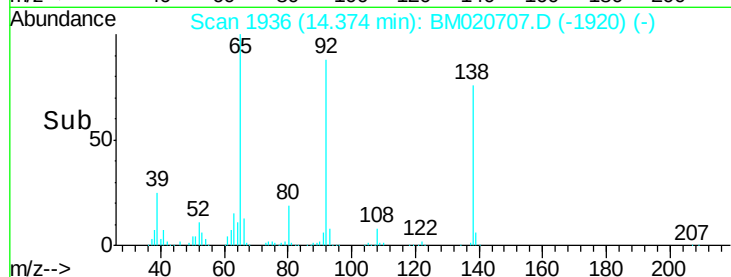
92 115.7 99.6 149.4



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: 81.519 ng

RT: 14.58 min Scan# 1971

Delta R.T. 0.00 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

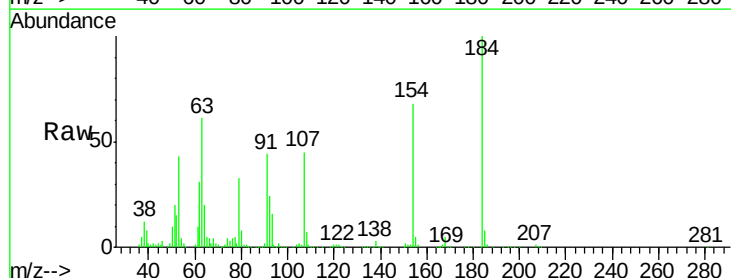
Tgt Ion:184 Resp: 434546

Ion Ratio Lower Upper

184 100

63 61.4 59.3 88.9

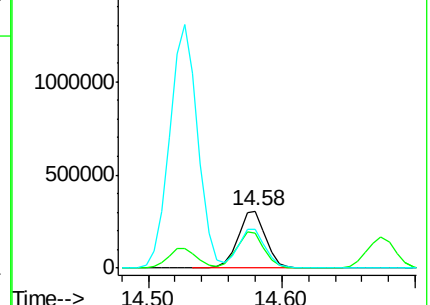
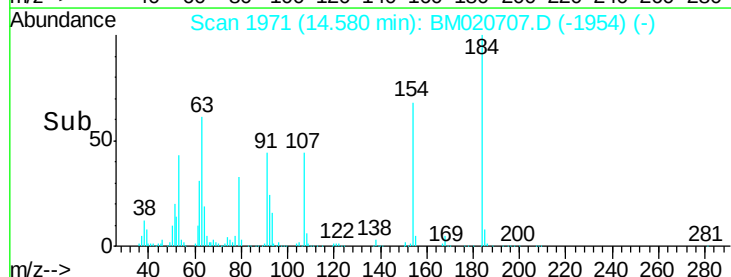
154 68.0 56.5 84.7

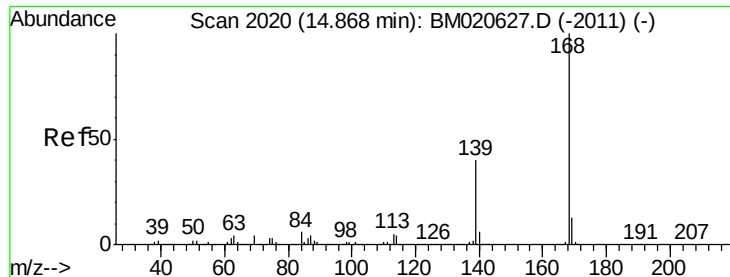


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

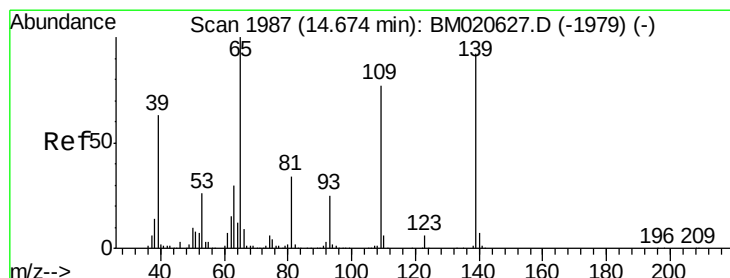
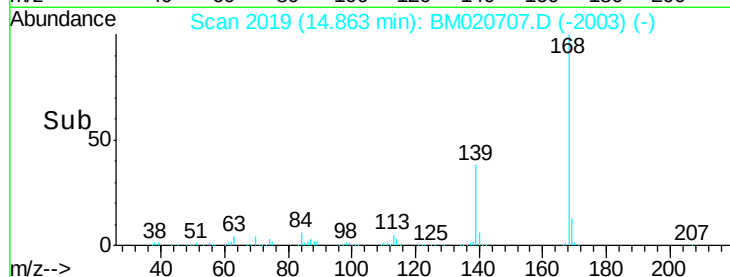
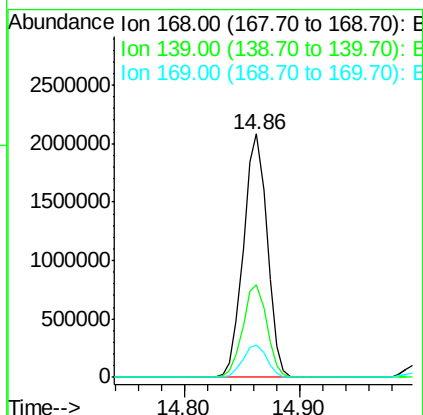
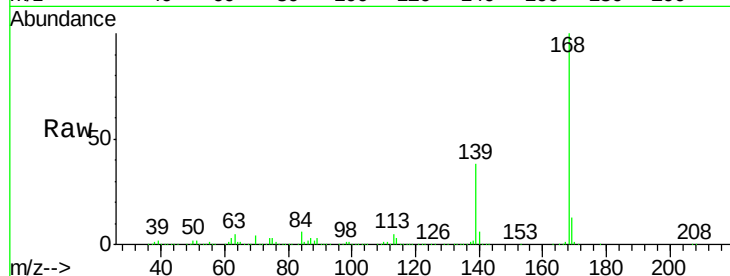




#55  
Dibenzenofuran  
Concen: 42.871 ng  
RT: 14.86 min Scan# 2019  
Delta R.T. -0.01 min  
Lab File: BM020707.D  
Acq: 04 Jun 2019 17:36

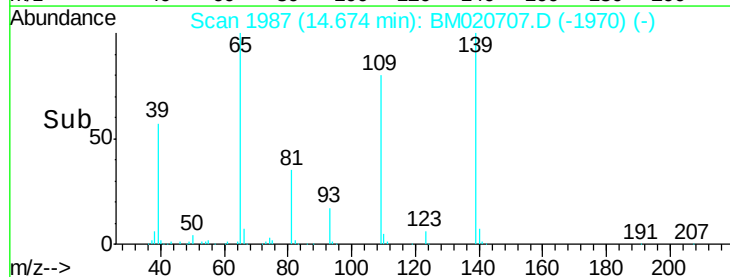
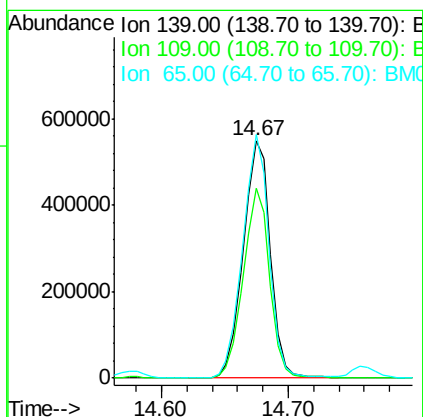
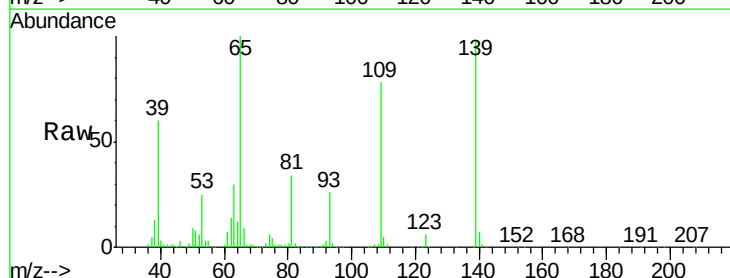
Instrument :  
BNA\_M  
ClientSampled :  
PB120243BS

Tgt Ion:168 Resp: 2975323  
Ion Ratio Lower Upper  
168 100  
139 38.1 31.9 47.9  
169 13.5 10.7 16.1

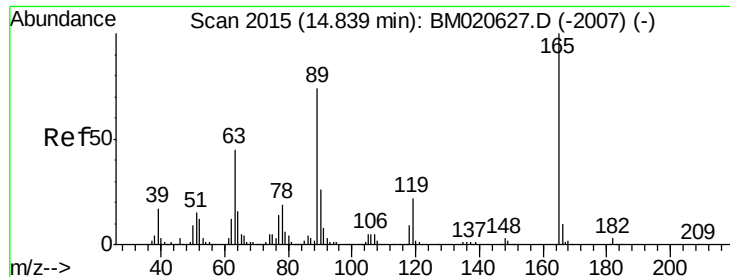


#56  
4-Nitrophenol  
Concen: 80.145 ng  
RT: 14.67 min Scan# 1987  
Delta R.T. 0.00 min  
Lab File: BM020707.D  
Acq: 04 Jun 2019 17:36

Tgt Ion:139 Resp: 815295  
Ion Ratio Lower Upper  
139 100  
109 80.0 62.7 102.7  
65 102.5 88.3 128.3



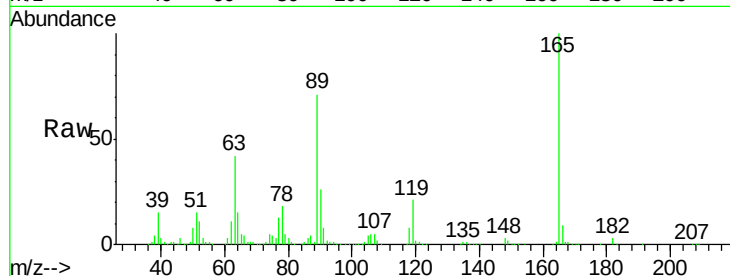




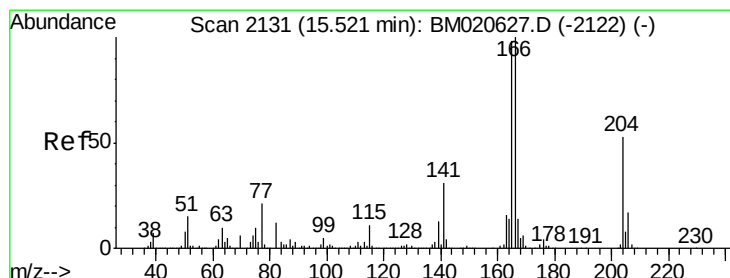
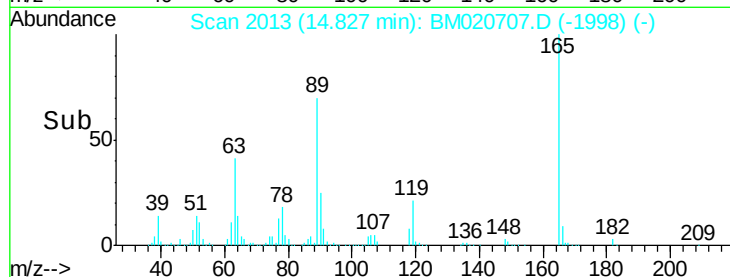
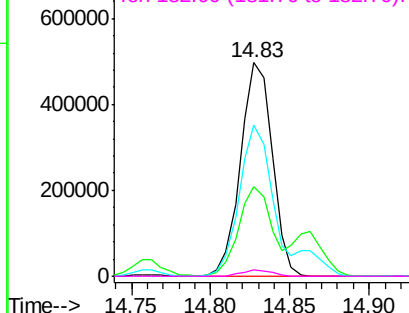
#57  
2,4-Dinitrotoluene  
Concen: 41.926 ng  
RT: 14.83 min Scan# 2013  
Delta R.T. -0.01 min  
Lab File: BM020707.D  
Acq: 04 Jun 2019 17:36

Instrument :  
BNA\_M  
ClientSampleId :  
PB120243BS

Tgt Ion:165 Resp: 694296  
Ion Ratio Lower Upper  
165 100  
63 42.2 36.3 54.5  
89 70.7 59.0 88.6  
182 2.8 2.2 3.4

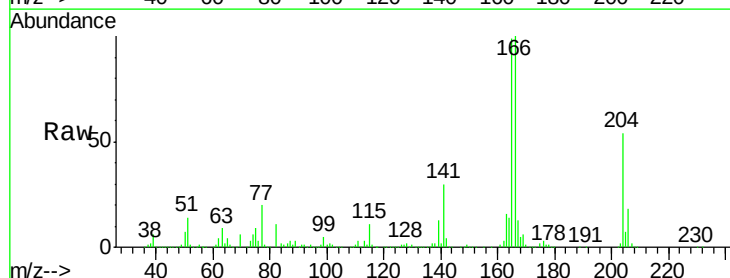


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BM0  
Ion 89.00 (88.70 to 89.70): BM0  
Ion 182.00 (181.70 to 182.70): E

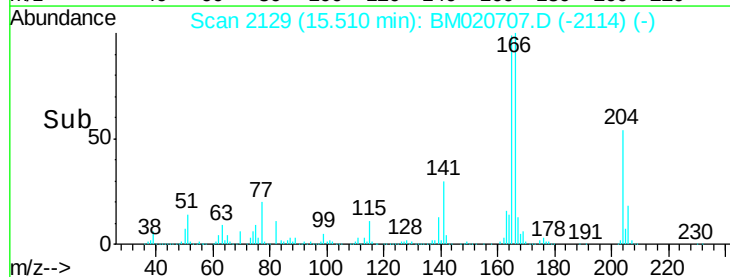
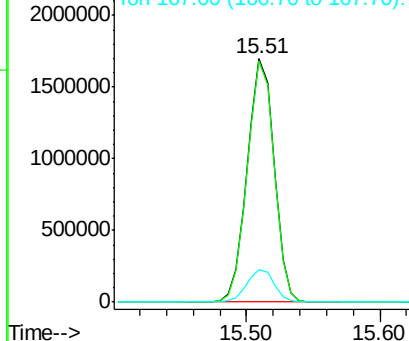


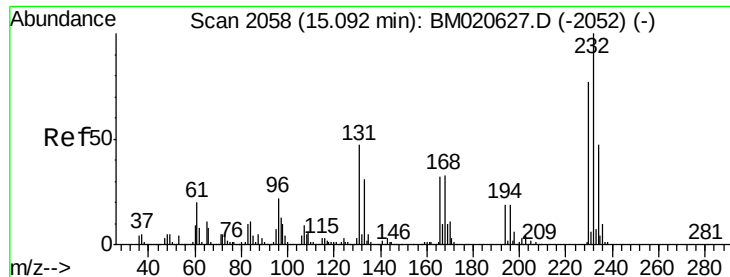
#58  
Fluorene  
Concen: 41.172 ng  
RT: 15.51 min Scan# 2129  
Delta R.T. -0.01 min  
Lab File: BM020707.D  
Acq: 04 Jun 2019 17:36

Tgt Ion:166 Resp: 2349834  
Ion Ratio Lower Upper  
166 100  
165 98.8 78.6 117.8  
167 13.5 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E

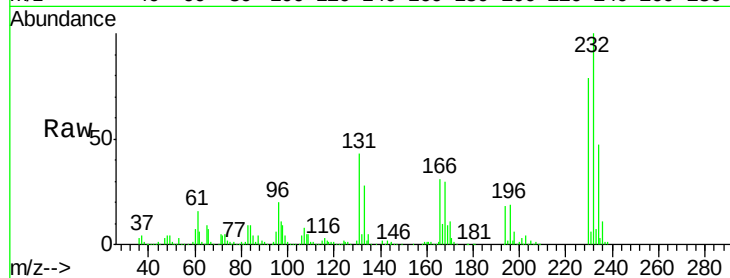




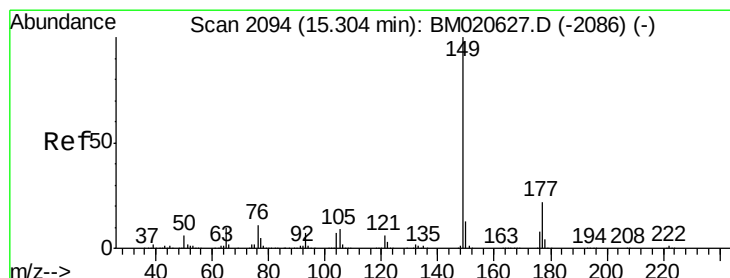
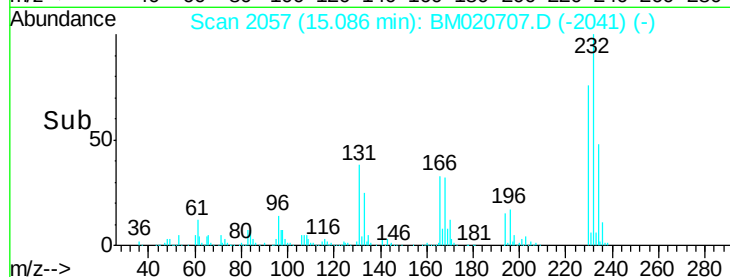
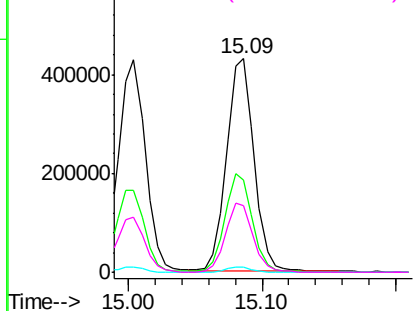
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.843 ng  
RT: 15.09 min Scan# 2057  
Delta R.T. -0.01 min  
Lab File: BM020707.D  
Acq: 04 Jun 2019 17:36

Instrument :  
BNA\_M  
ClientSampleId :  
PB120243BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 620221 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 46.3  | 38.6  | 57.8   |
| 130      | 2.4   | 2.2   | 3.2    |
| 166      | 32.4  | 26.6  | 39.8   |

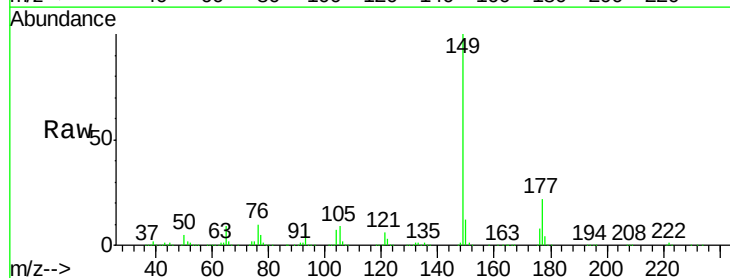


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

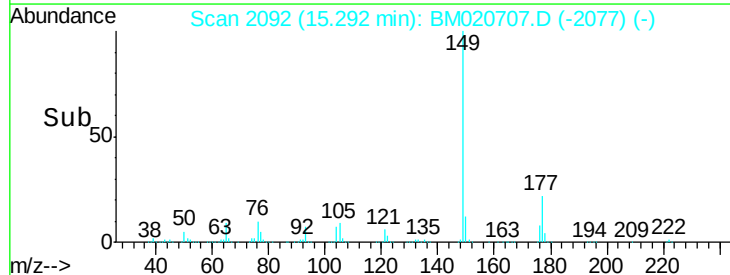
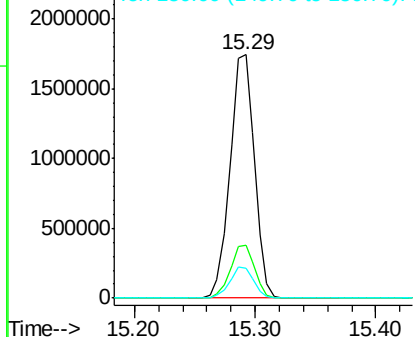


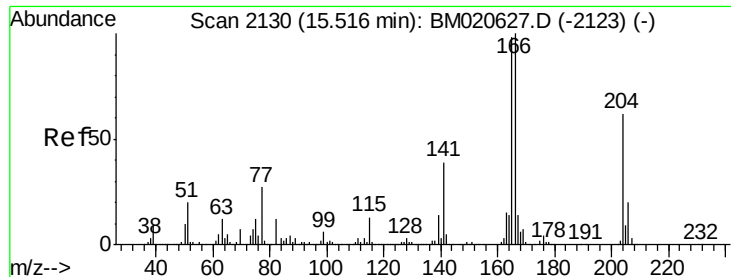
#60  
Diethylphthalate  
Concen: 39.083 ng  
RT: 15.29 min Scan# 2092  
Delta R.T. -0.01 min  
Lab File: BM020707.D  
Acq: 04 Jun 2019 17:36

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 2455192 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 21.7  | 17.2  | 25.8    |
| 150      | 12.3  | 10.1  | 15.1    |



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

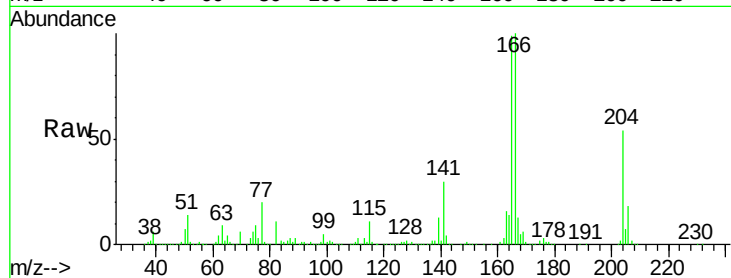




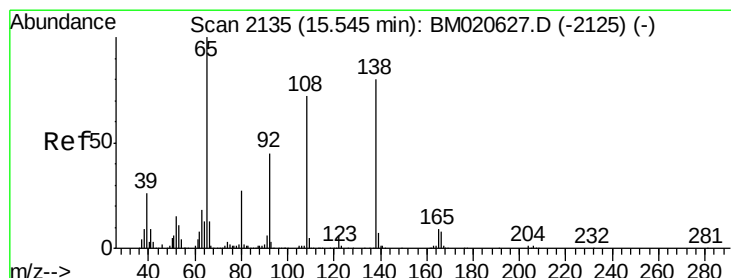
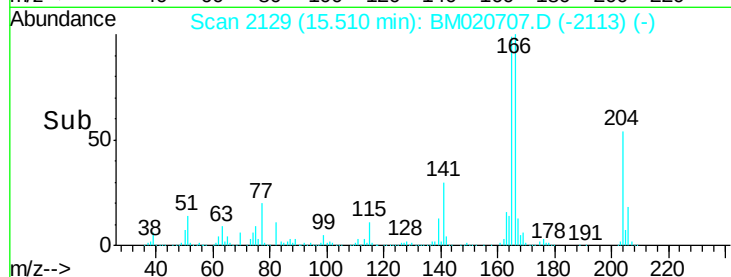
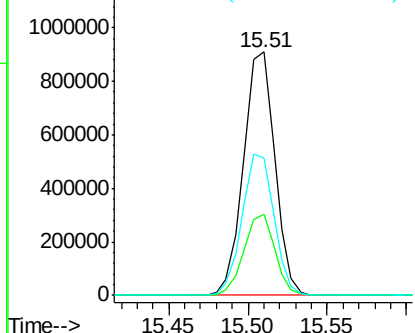
#61  
 4-Chlorophenyl-phenylether  
 Concen: 41.429 ng  
 RT: 15.51 min Scan# 2129  
 Delta R.T. -0.01 min  
 Lab File: BM020707.D  
 Acq: 04 Jun 2019 17:36

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB120243BS

Tgt Ion:204 Resp: 1251932  
 Ion Ratio Lower Upper  
 204 100  
 206 33.2 25.8 38.8  
 141 56.2 50.2 75.4

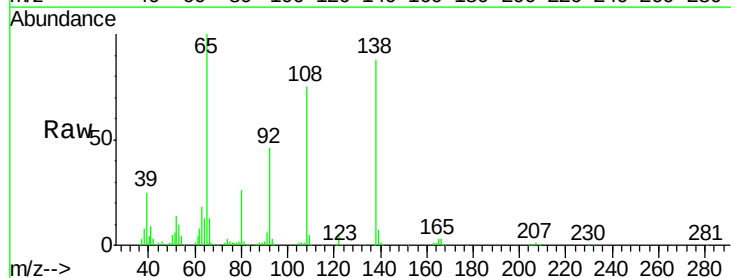


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

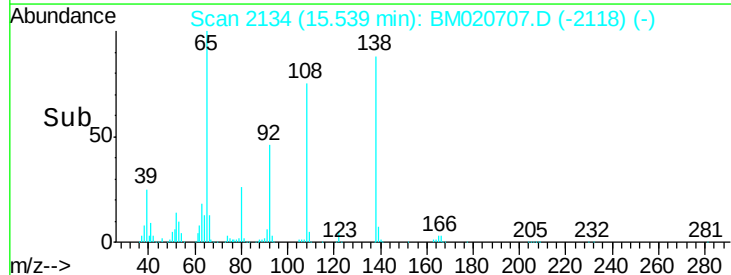
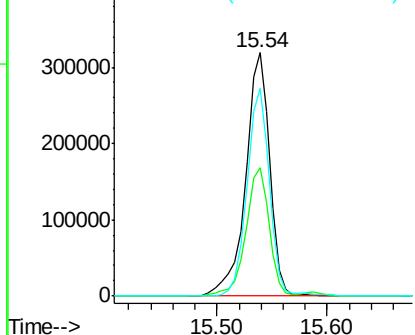


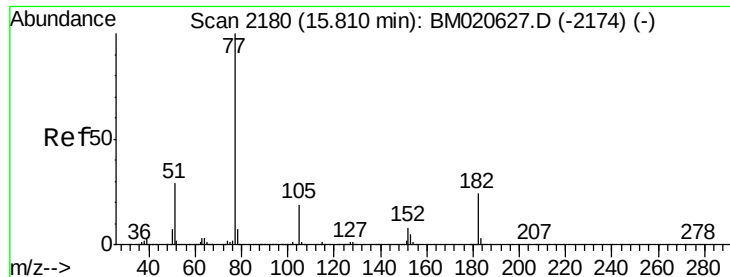
#62  
 4-Nitroaniline  
 Concen: 33.546 ng  
 RT: 15.54 min Scan# 2134  
 Delta R.T. -0.01 min  
 Lab File: BM020707.D  
 Acq: 04 Jun 2019 17:36

Tgt Ion:138 Resp: 491137  
 Ion Ratio Lower Upper  
 138 100  
 92 52.8 36.7 76.7  
 108 85.2 70.3 110.3



Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 92.00 (91.70 to 92.70): BM0  
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 38.566 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA\_M

ClientSampleId :

PB120243BS

Tgt Ion: 77 Resp: 2322678

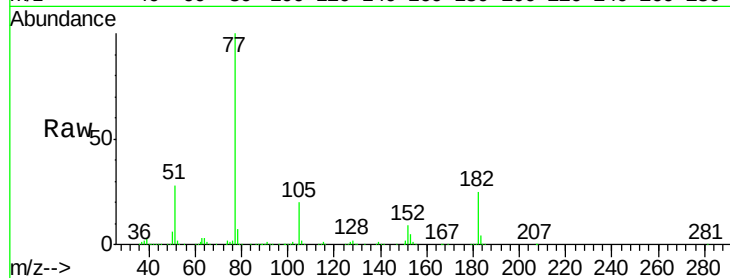
Ion Ratio Lower Upper

77 100

182 25.4 3.6 43.6

105 20.0 0.0 39.4

51 28.3 9.5 49.5

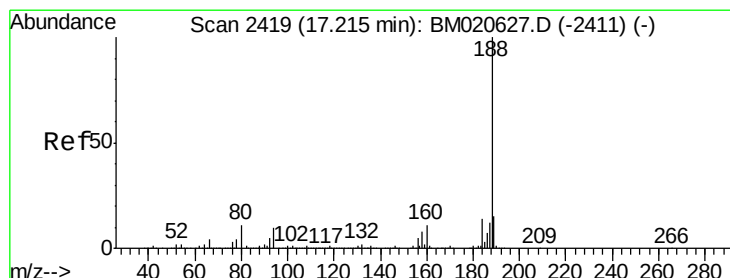
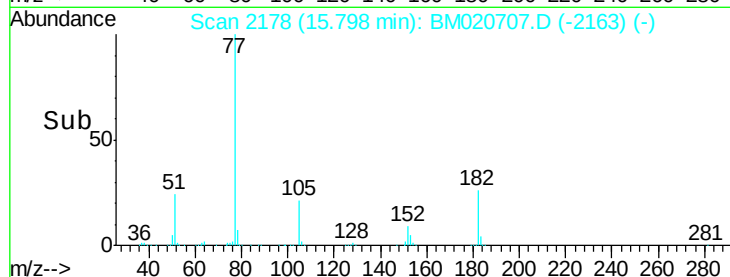
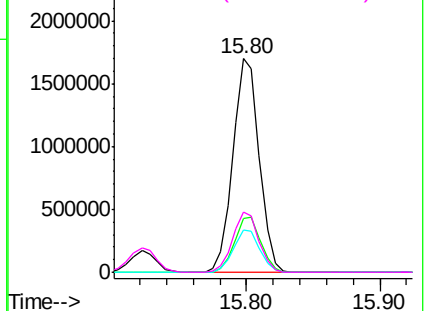


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: 17.20 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

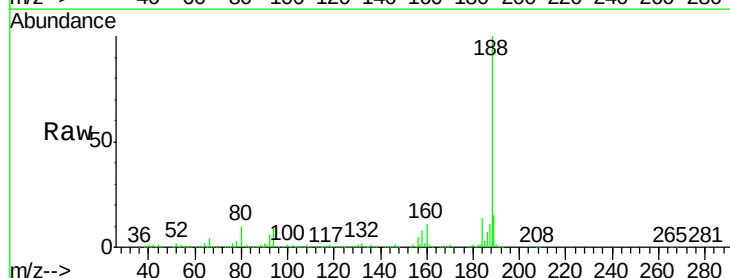
Tgt Ion: 188 Resp: 1322591

Ion Ratio Lower Upper

188 100

94 9.3 7.8 11.8

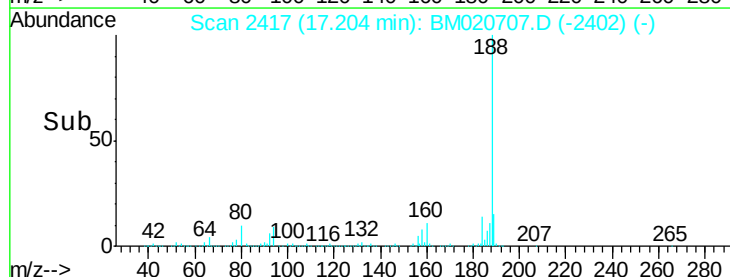
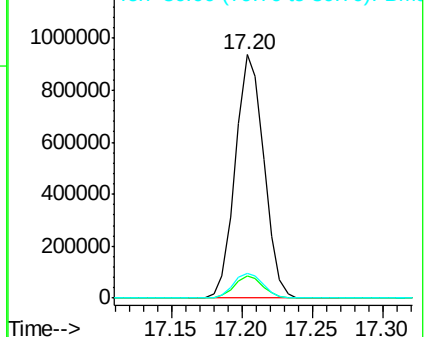
80 10.2 9.0 13.6

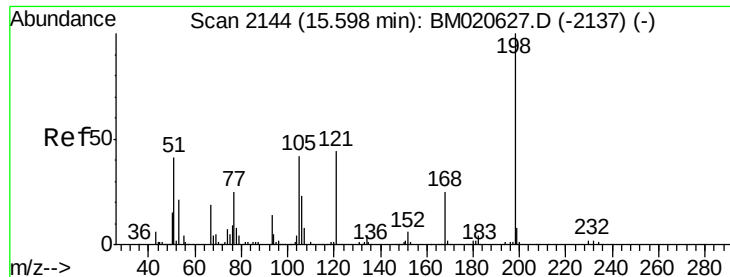


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

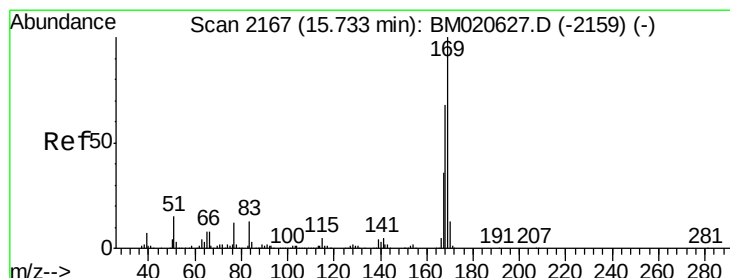
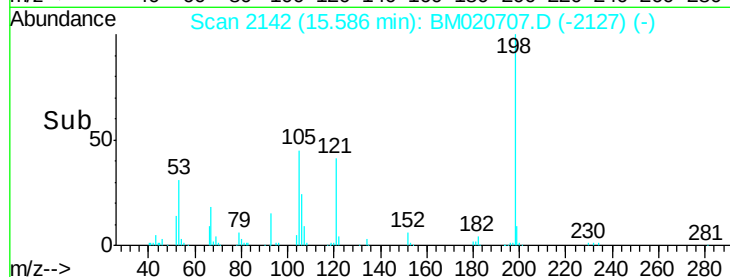
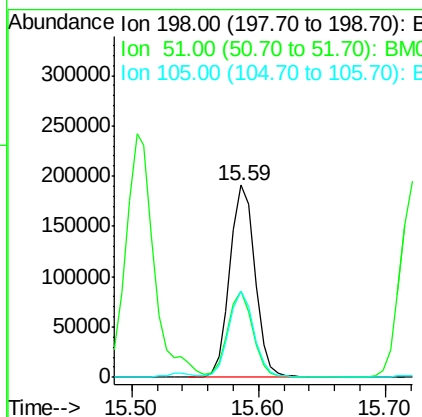
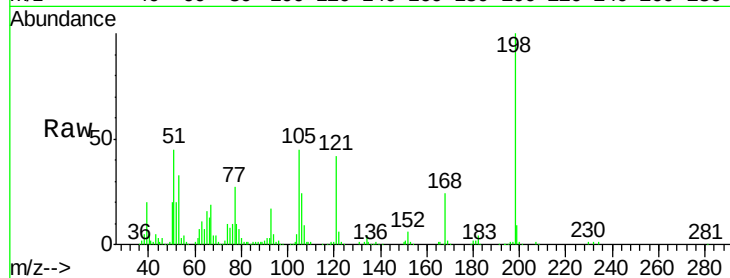




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 44.540 ng  
 RT: 15.59 min Scan# 2142  
 Delta R.T. -0.01 min  
 Lab File: BM020707.D  
 Acq: 04 Jun 2019 17:36

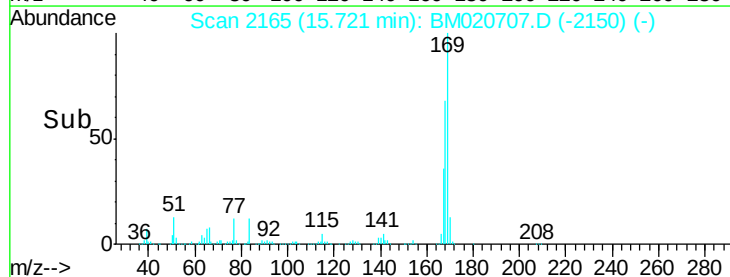
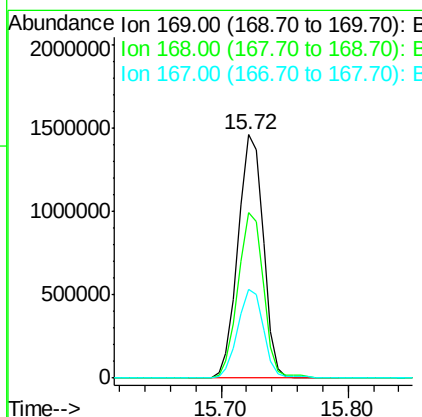
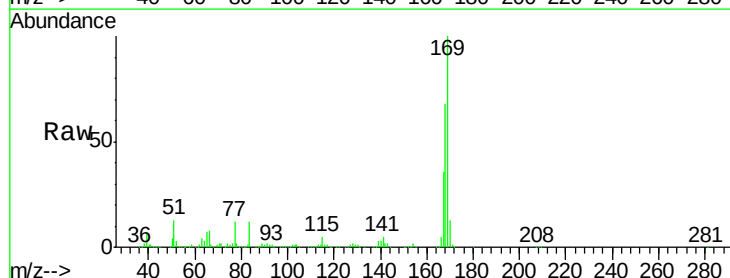
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB120243BS

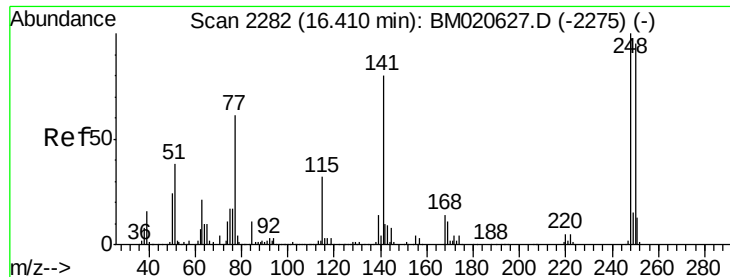
Tgt Ion:198 Resp: 263358  
 Ion Ratio Lower Upper  
 198 100  
 51 44.6 27.7 67.7  
 105 45.1 23.8 63.8



#66  
 n-Nitrosodiphenylamine  
 Concen: 47.597 ng  
 RT: 15.72 min Scan# 2165  
 Delta R.T. -0.01 min  
 Lab File: BM020707.D  
 Acq: 04 Jun 2019 17:36

Tgt Ion:169 Resp: 2015238  
 Ion Ratio Lower Upper  
 169 100  
 168 67.8 54.2 81.4  
 167 36.4 29.1 43.7

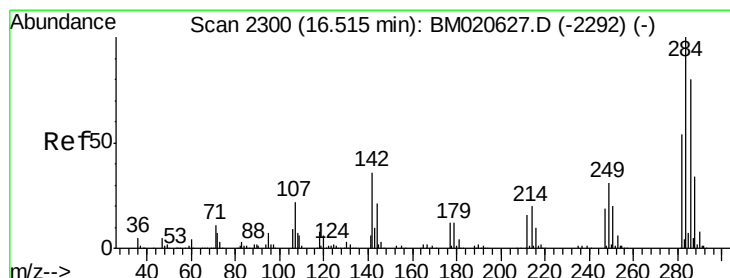
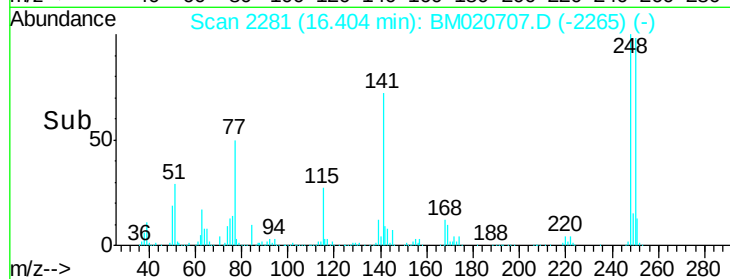
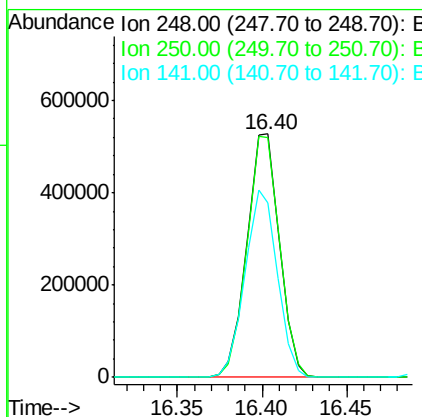
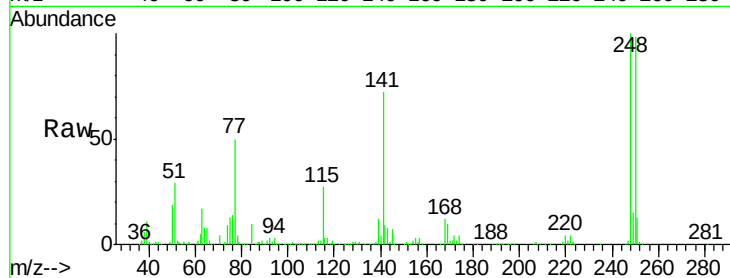




#67  
4-Bromophenyl-phenylether  
Concen: 45.887 ng  
RT: 16.40 min Scan# 2281  
Delta R.T. -0.01 min  
Lab File: BM020707.D  
Acq: 04 Jun 2019 17:36

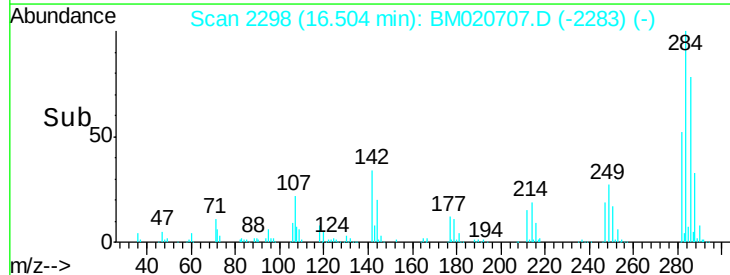
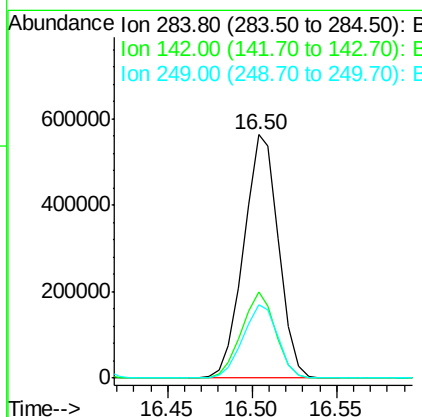
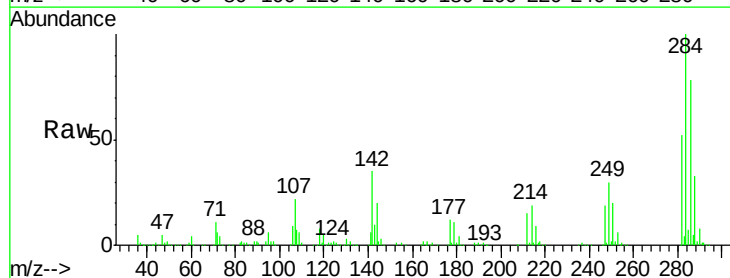
Instrument :  
BNA\_M  
ClientSampleId :  
PB120243BS

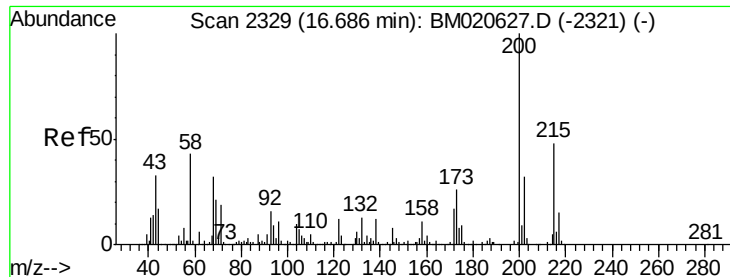
Tgt Ion:248 Resp: 714557  
Ion Ratio Lower Upper  
248 100  
250 98.4 76.3 114.5  
141 71.8 64.2 96.2



#68  
Hexachlorobenzene  
Concen: 44.268 ng  
RT: 16.50 min Scan# 2298  
Delta R.T. -0.01 min  
Lab File: BM020707.D  
Acq: 04 Jun 2019 17:36

Tgt Ion:284 Resp: 804960  
Ion Ratio Lower Upper  
284 100  
142 35.2 28.6 42.8  
249 30.3 25.0 37.4





#69

Atrazine

Concen: 49.269 ng

RT: 16.67 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA\_M

ClientSampleId :

PB120243BS

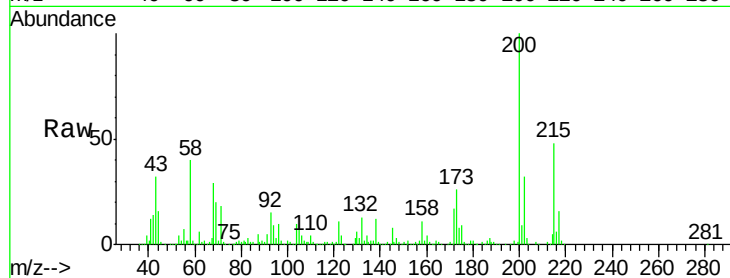
Tgt Ion:200 Resp: 622575

Ion Ratio Lower Upper

200 100

173 25.7 6.2 46.2

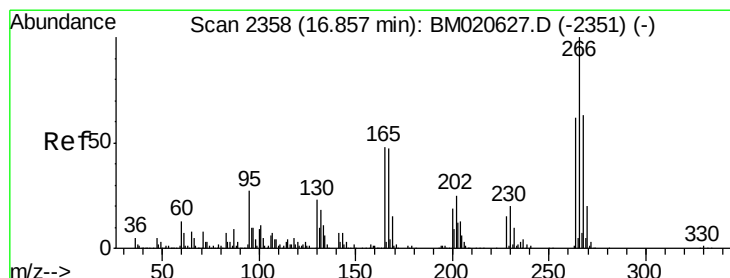
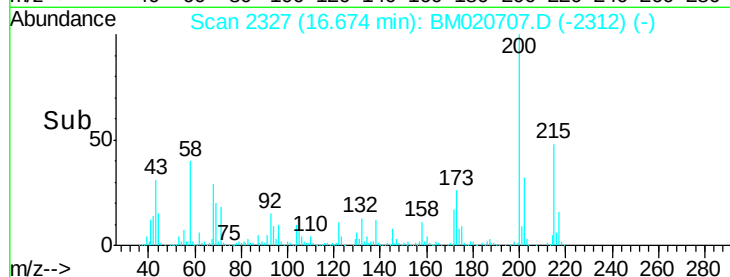
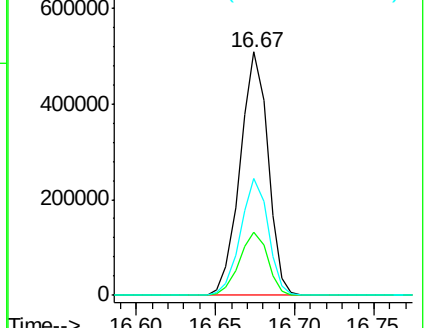
215 47.8 27.7 67.7



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: 102.652 ng

RT: 16.85 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

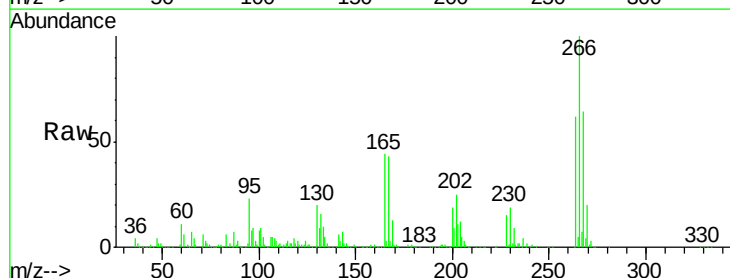
Tgt Ion:266 Resp: 890484

Ion Ratio Lower Upper

266 100

268 64.1 50.6 75.8

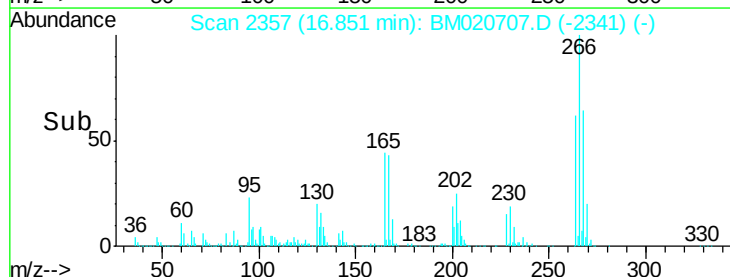
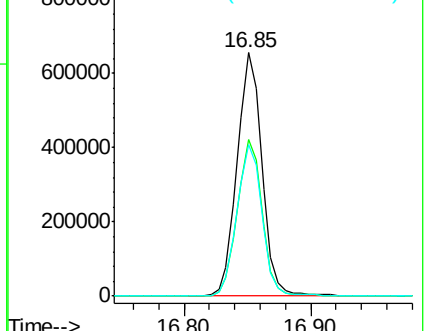
264 62.1 49.6 74.4

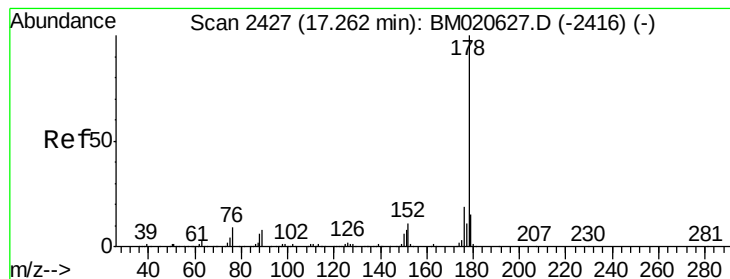


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.533 ng

RT: 17.25 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA\_M

ClientSampleId :

PB120243BS

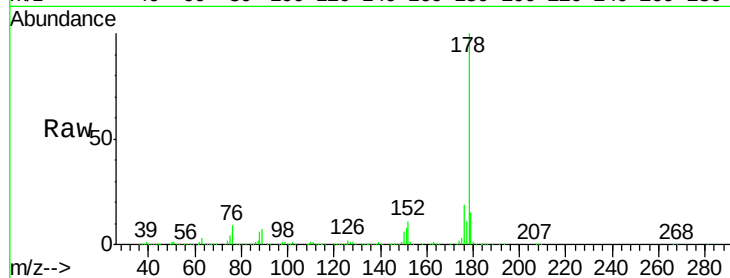
Tgt Ion:178 Resp: 3263645

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

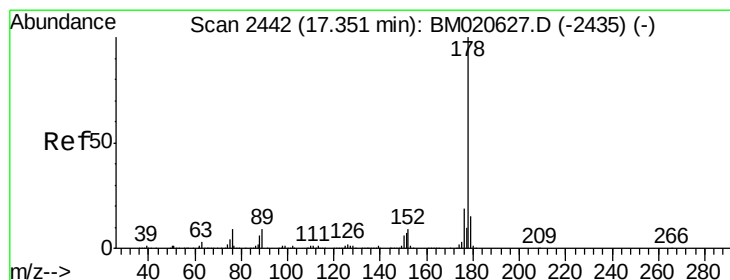
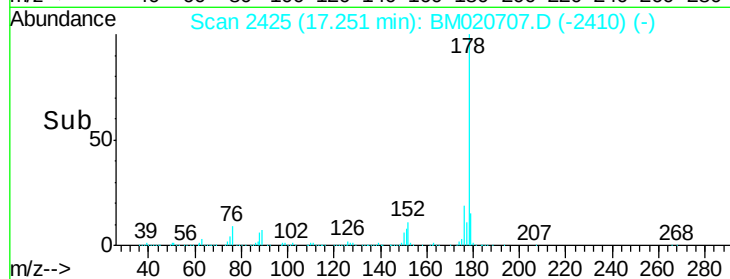
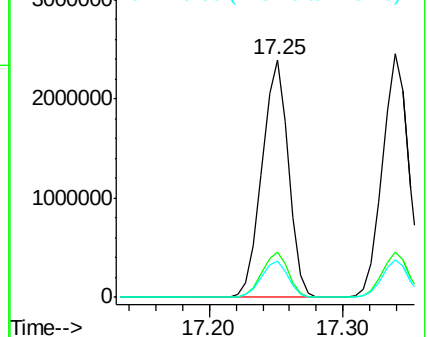
179 15.2 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.305 ng

RT: 17.34 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

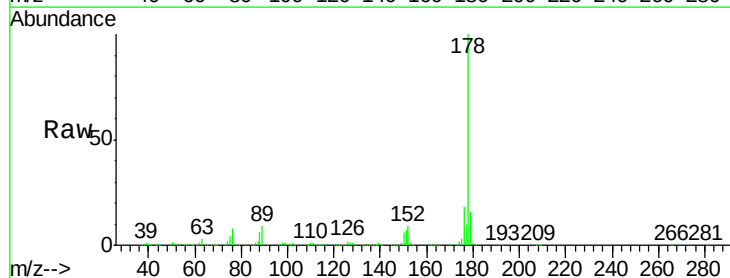
Tgt Ion:178 Resp: 3324415

Ion Ratio Lower Upper

178 100

176 18.4 15.1 22.7

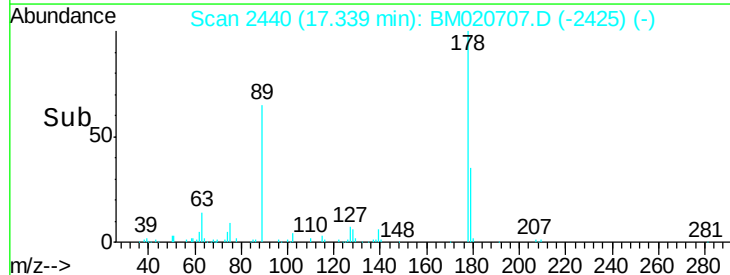
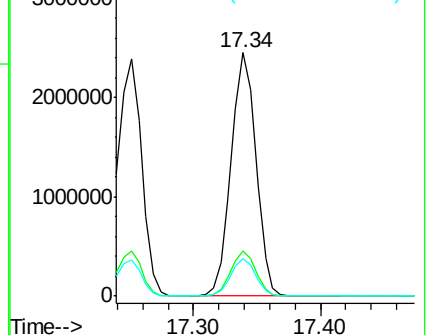
179 15.6 12.3 18.5



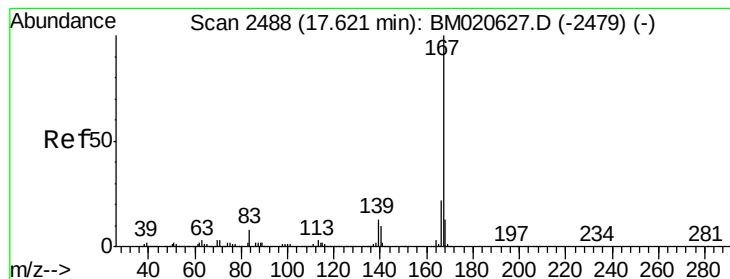
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E







#73

Carbazole

Concen: 41.173 ng

RT: 17.61 min Scan# 2486

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA\_M

ClientSampleId :

PB120243BS

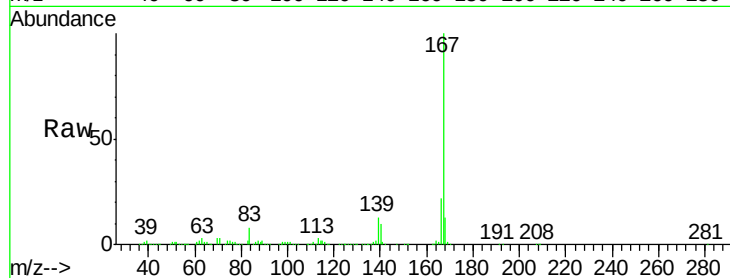
Tgt Ion:167 Resp: 2803538

Ion Ratio Lower Upper

167 100

166 22.1 17.5 26.3

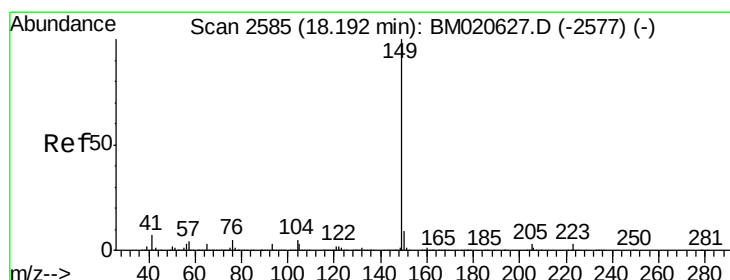
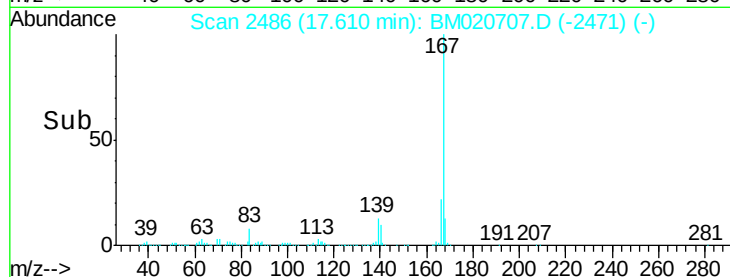
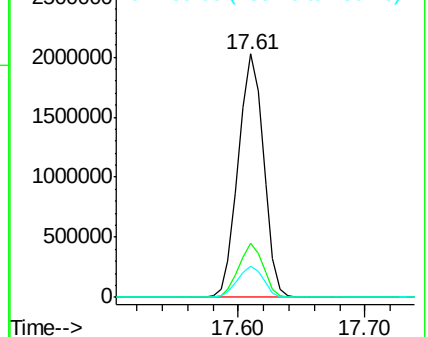
139 12.7 10.6 15.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.239 ng

RT: 18.17 min Scan# 2582

Delta R.T. -0.02 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

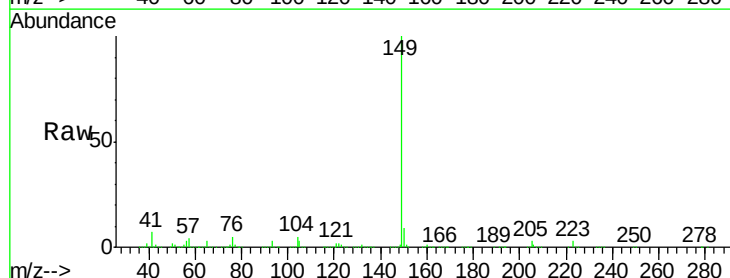
Tgt Ion:149 Resp: 3556723

Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

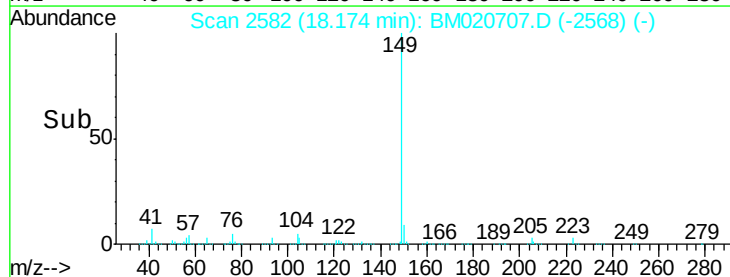
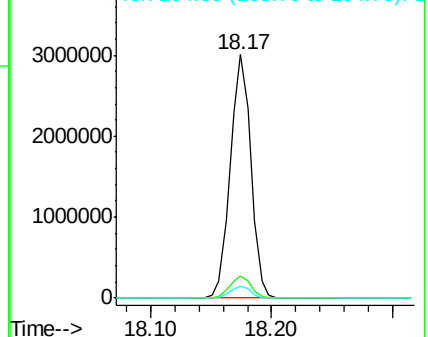
104 5.1 4.2 6.2

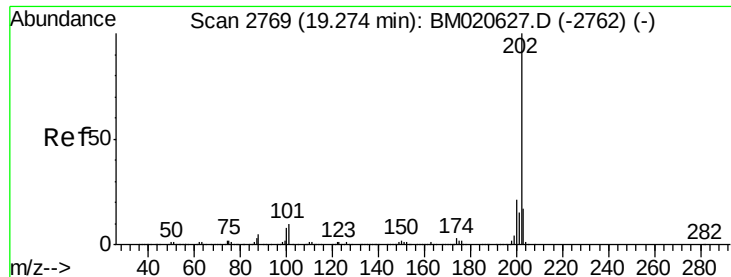


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.200 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA\_M

ClientSampleId :

PB120243BS

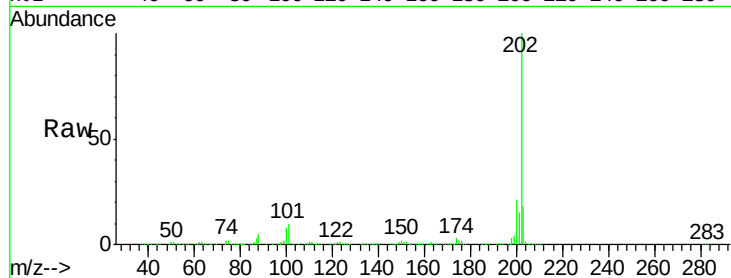
Tgt Ion:202 Resp: 3268190

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.4

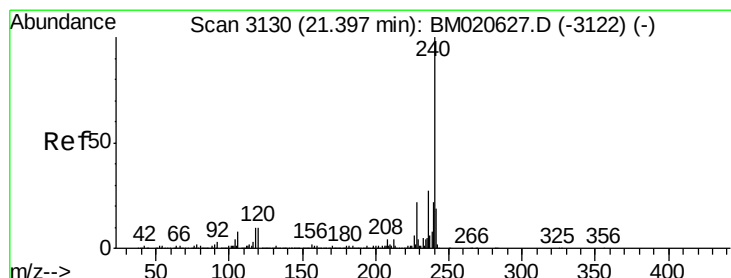
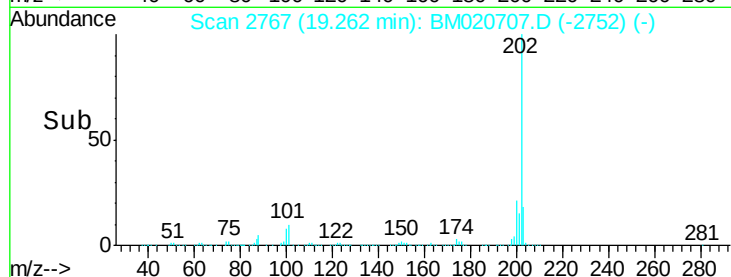
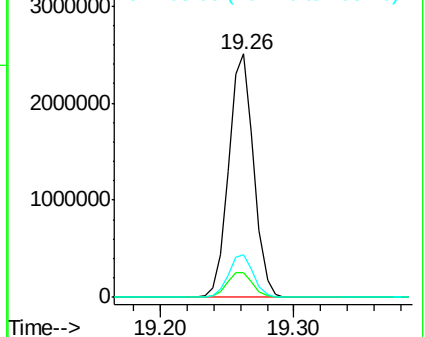
203 17.6 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.39 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

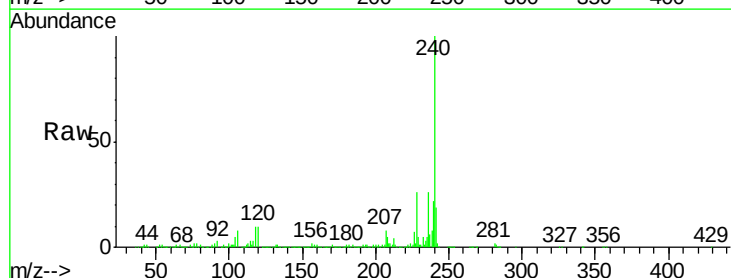
Tgt Ion:240 Resp: 978444

Ion Ratio Lower Upper

240 100

120 10.1 8.2 12.2

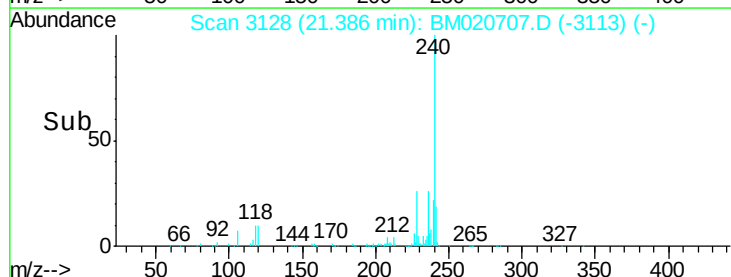
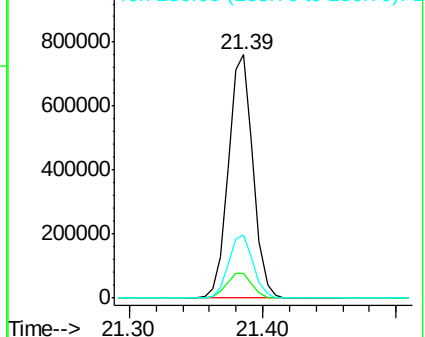
236 25.8 21.2 31.8

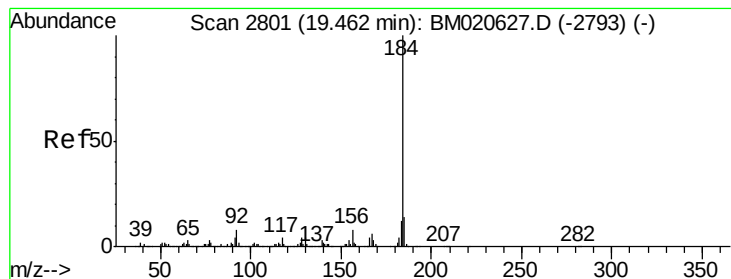


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.526 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA\_M

ClientSampleId :

PB120243BS

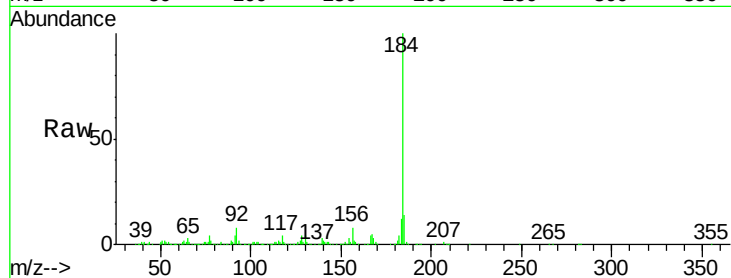
Tgt Ion:184 Resp: 1409031

Ion Ratio Lower Upper

184 100

185 14.3 11.3 16.9

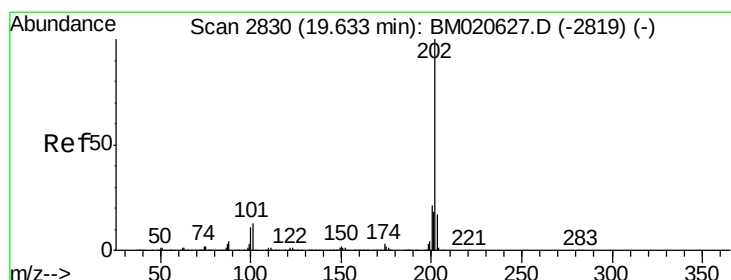
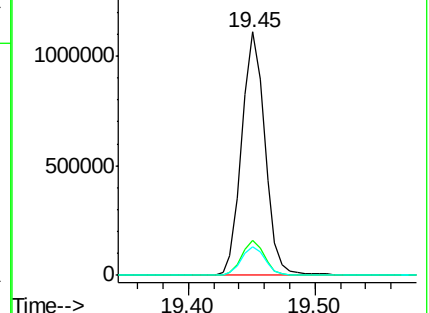
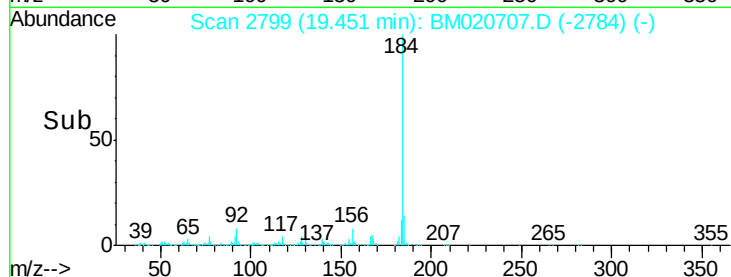
183 11.8 9.8 14.6



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: 43.300 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

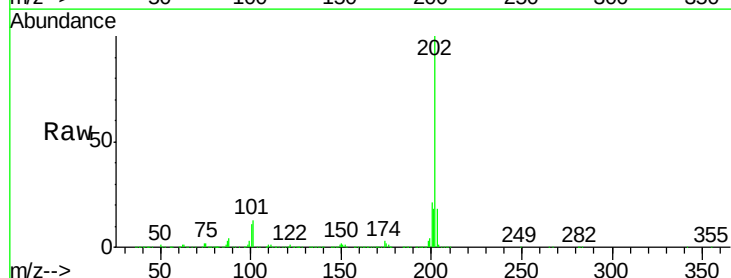
Tgt Ion:202 Resp: 3251163

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

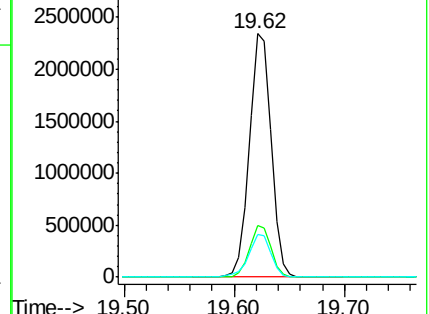
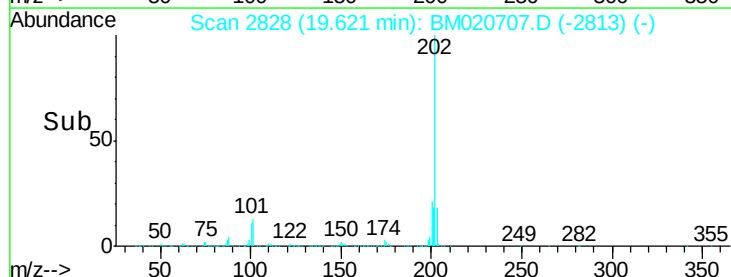
203 17.6 13.9 20.9

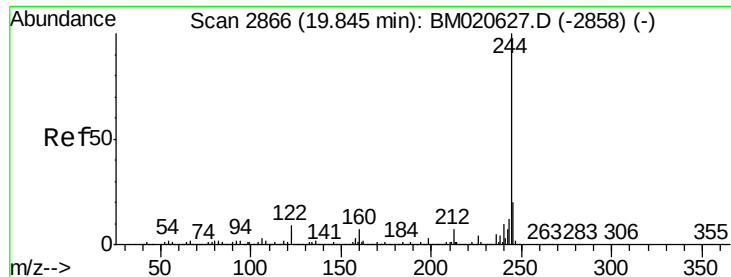


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

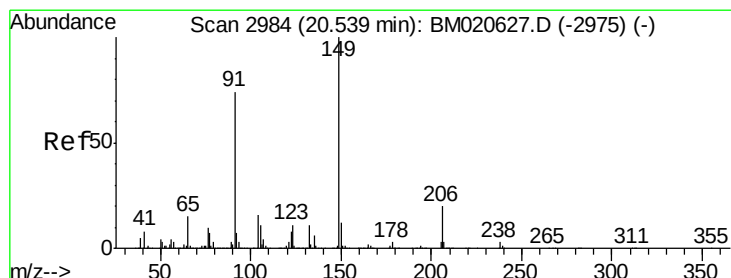
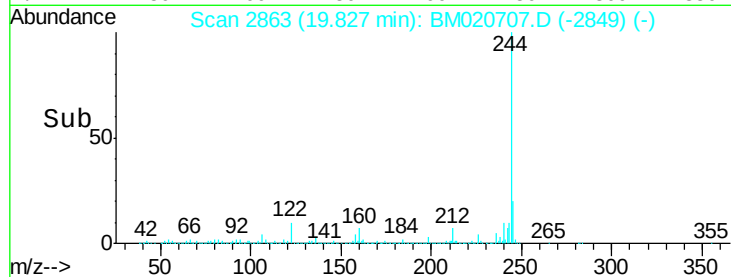
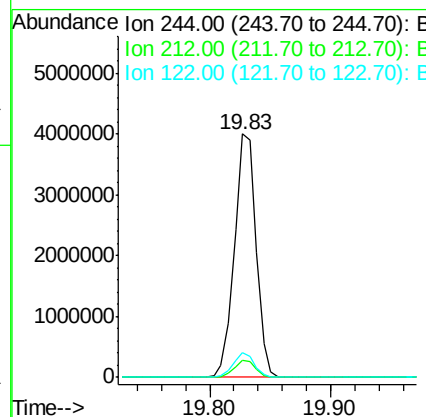
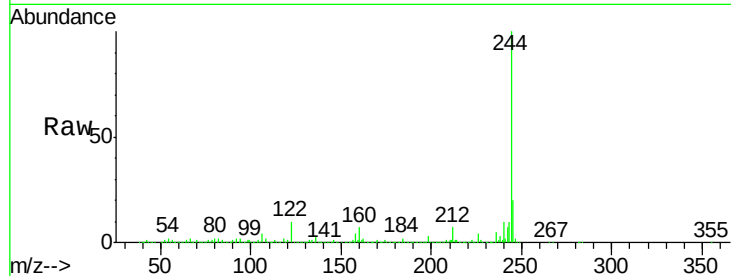




#79  
 Terphenyl-d14  
 Concen: 85.292 ng  
 RT: 19.83 min Scan# 2863  
 Delta R.T. -0.02 min  
 Lab File: BM020707.D  
 Acq: 04 Jun 2019 17:36

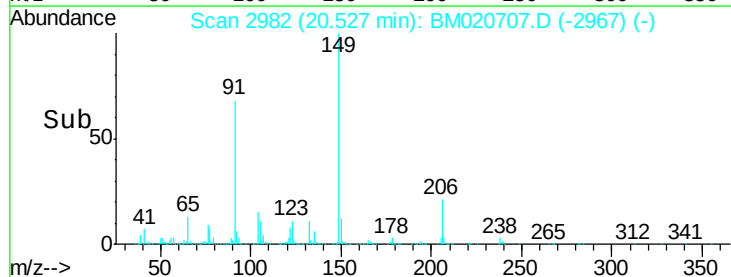
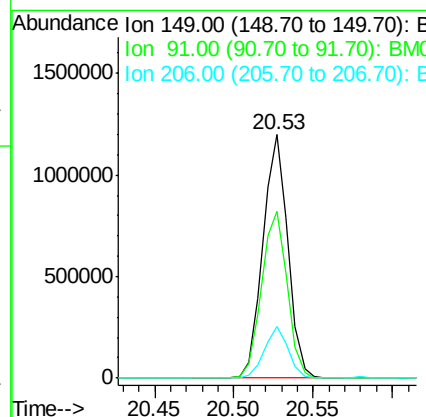
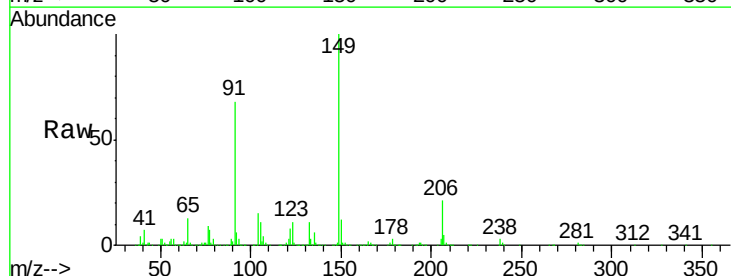
Instrument :  
 BNA\_M  
 ClientSampleID :  
 PB120243BS

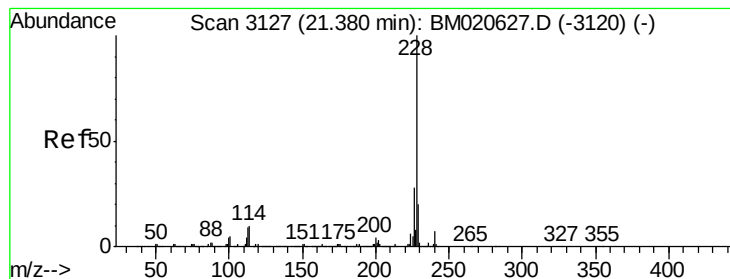
Tgt Ion:244 Resp: 4989326  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.7 8.5  
 122 10.1 7.2 10.8



#80  
 Butylbenzylphthalate  
 Concen: 41.384 ng  
 RT: 20.53 min Scan# 2982  
 Delta R.T. -0.01 min  
 Lab File: BM020707.D  
 Acq: 04 Jun 2019 17:36

Tgt Ion:149 Resp: 1313154  
 Ion Ratio Lower Upper  
 149 100  
 91 68.3 59.6 89.4  
 206 21.0 15.7 23.5





#81

Benzo(a)anthracene

Concen: 41.765 ng

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA\_M

ClientSampleId :

PB120243BS

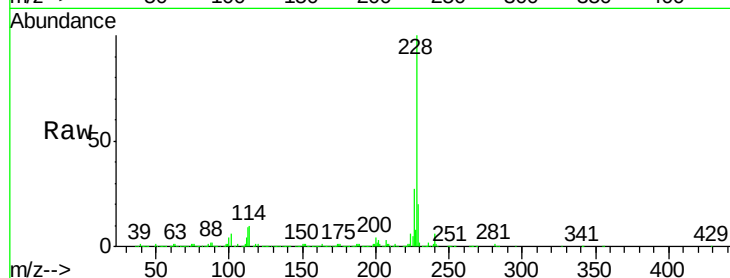
Tgt Ion:228 Resp: 2845789

Ion Ratio Lower Upper

228 100

226 27.3 22.3 33.5

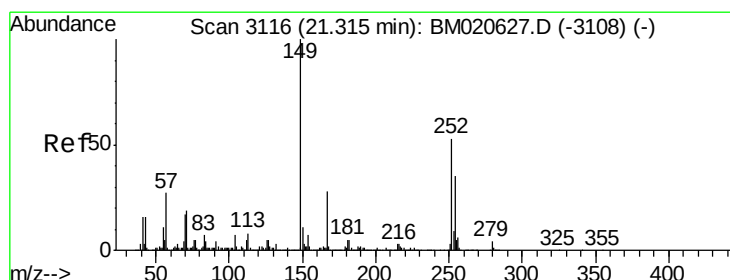
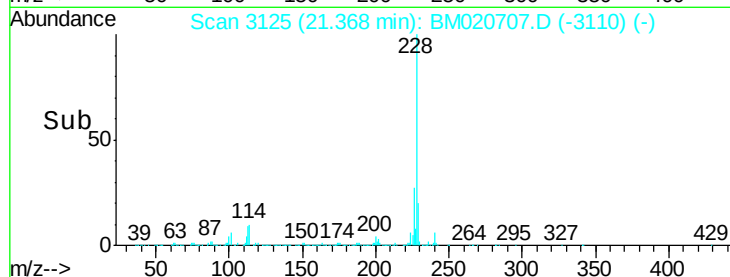
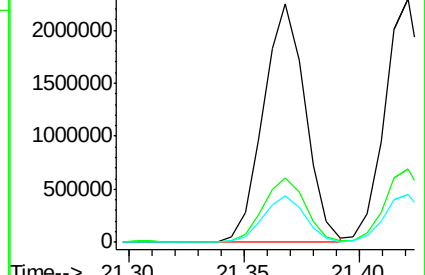
229 19.7 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.544 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

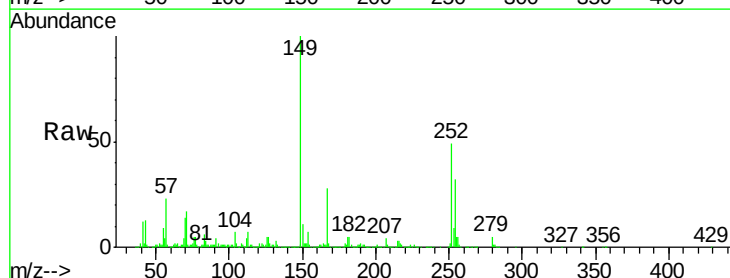
Tgt Ion:252 Resp: 836975

Ion Ratio Lower Upper

252 100

254 64.1 52.6 78.8

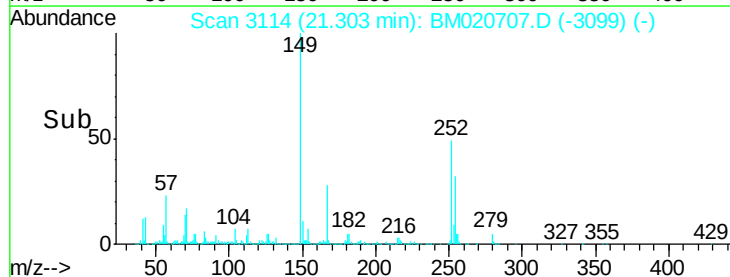
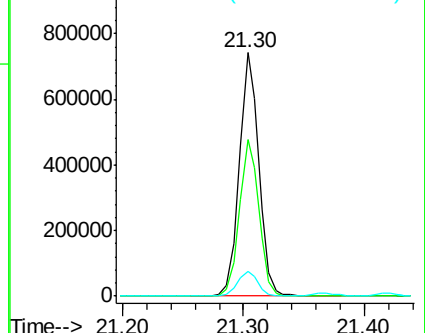
126 10.0 8.0 12.0

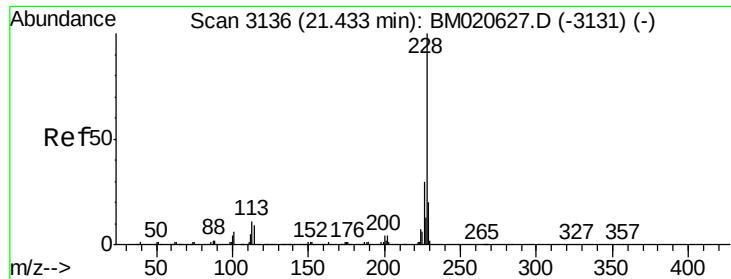


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.178 ng

RT: 21.42 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA\_M

ClientSampleId :

PB120243BS

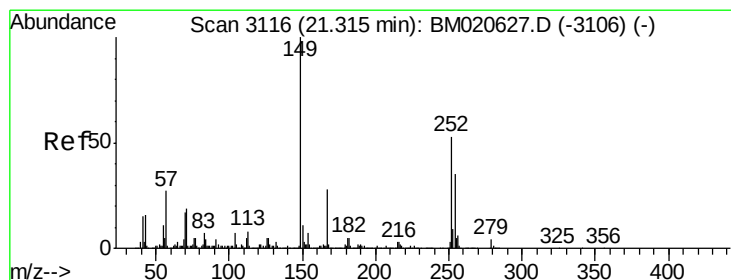
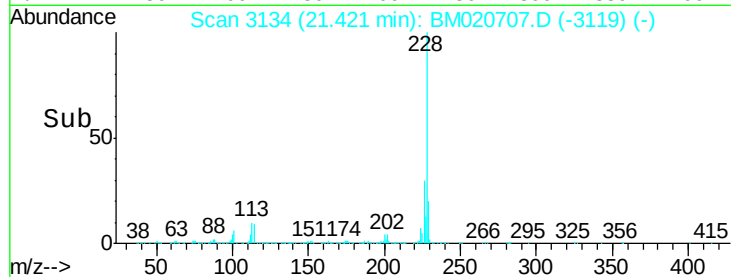
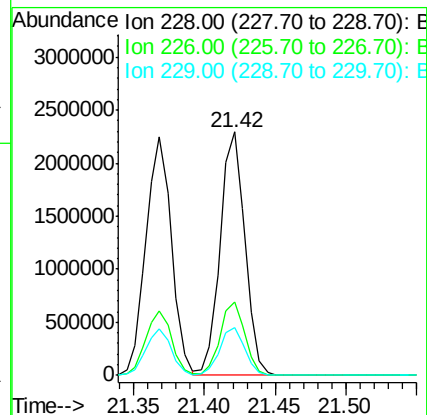
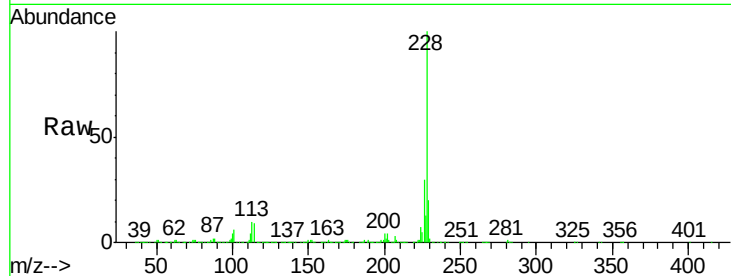
Tgt Ion:228 Resp: 2796630

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.2

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.393 ng

RT: 21.30 min Scan# 3113

Delta R.T. -0.02 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

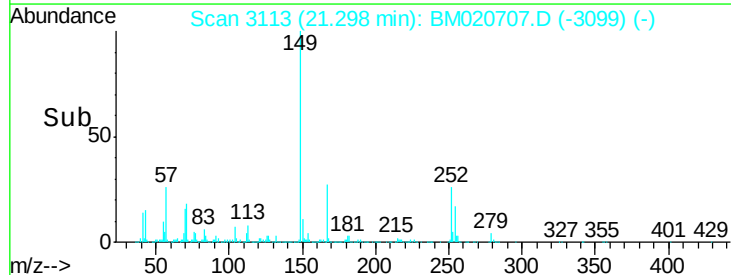
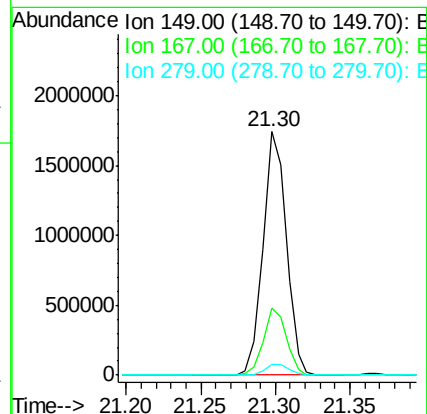
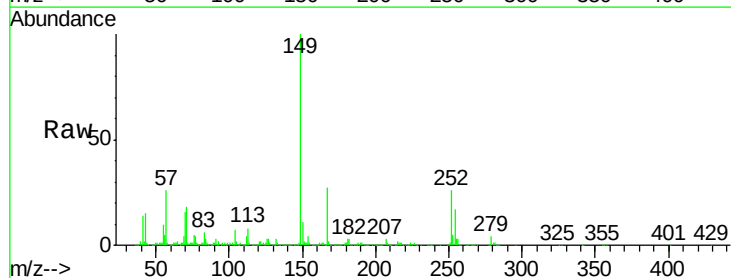
Tgt Ion:149 Resp: 1862804

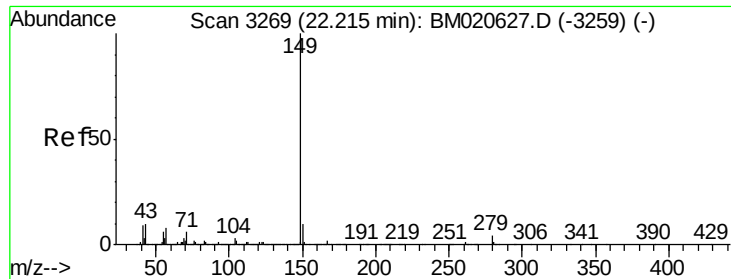
Ion Ratio Lower Upper

149 100

167 27.3 22.1 33.1

279 4.2 3.4 5.0

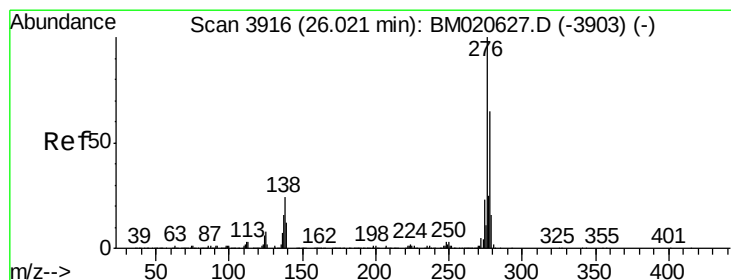
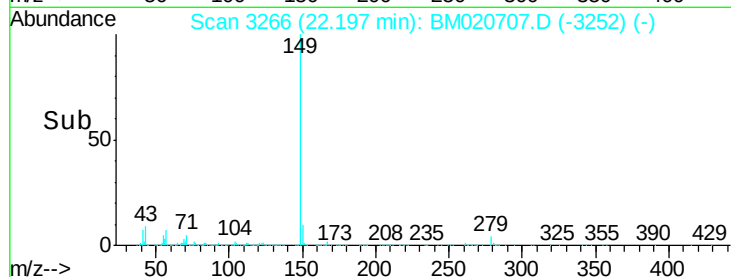
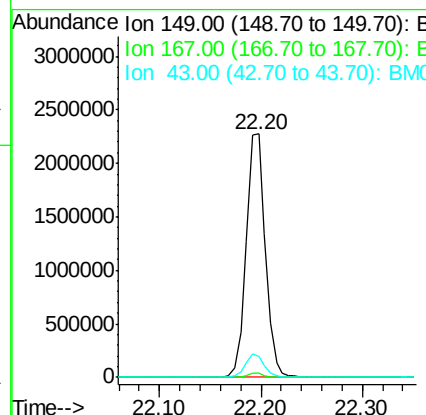
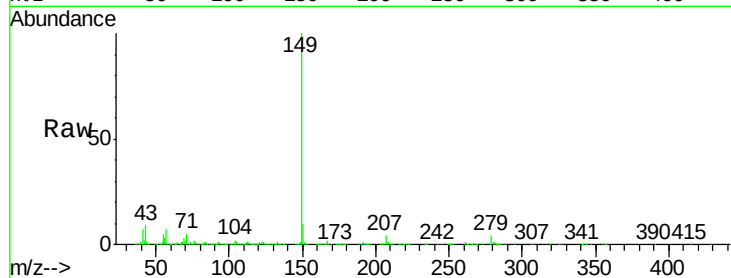




#85  
Di-n-octyl phthalate  
Concen: 40.530 ng  
RT: 22.20 min Scan# 3266  
Delta R.T. -0.02 min  
Lab File: BM020707.D  
Acq: 04 Jun 2019 17:36

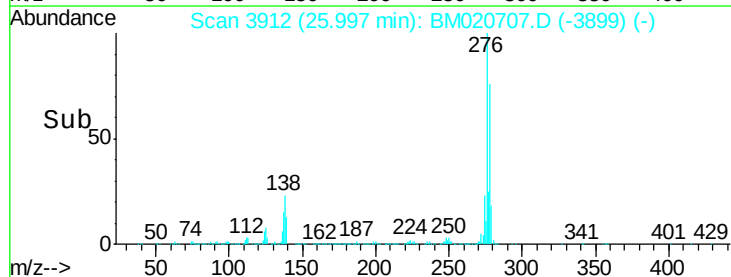
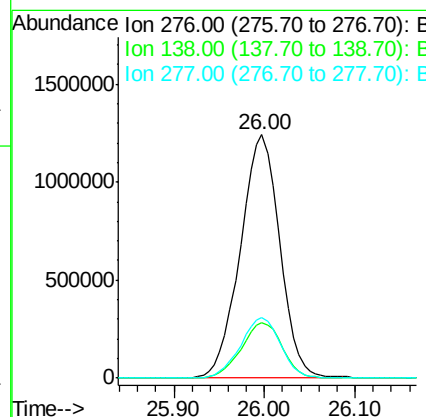
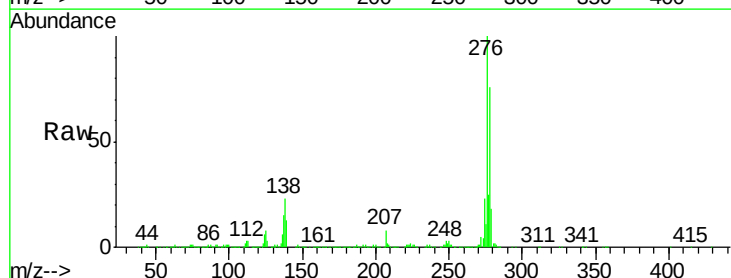
Instrument :  
BNA\_M  
ClientSampleId :  
PB120243BS

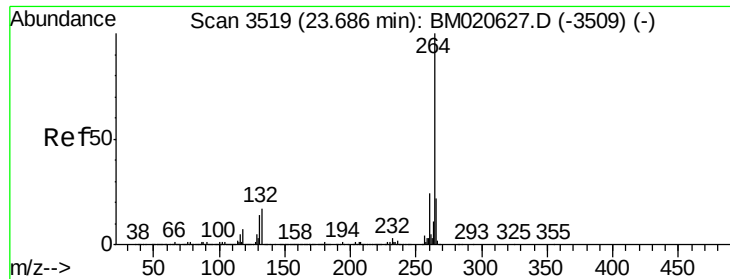
Tgt Ion:149 Resp: 2967492  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 9.2 8.2 12.4



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 56.356 ng  
RT: 26.00 min Scan# 3912  
Delta R.T. -0.02 min  
Lab File: BM020707.D  
Acq: 04 Jun 2019 17:36

Tgt Ion:276 Resp: 3734282  
Ion Ratio Lower Upper  
276 100  
138 23.8 19.8 29.8  
277 25.2 20.2 30.4



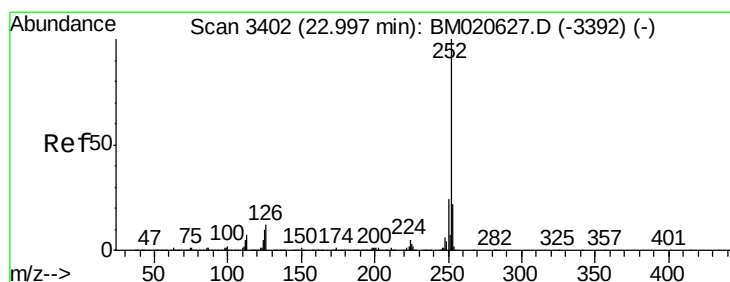
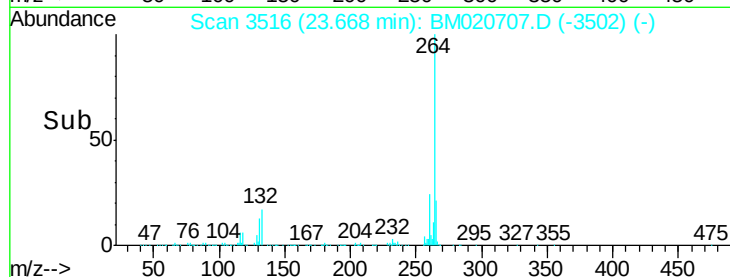
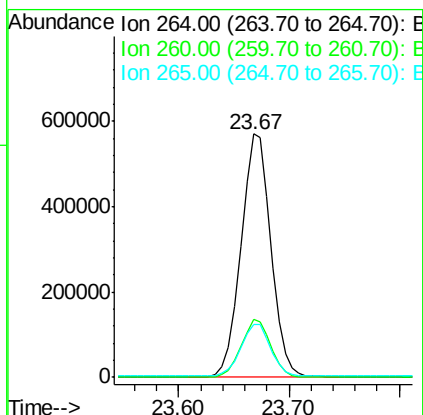
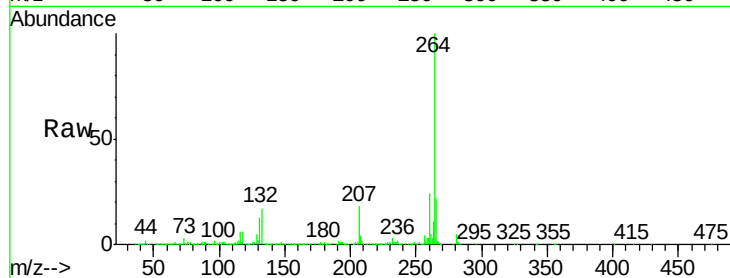


#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.67 min Scan# 3516  
Delta R.T. -0.02 min  
Lab File: BM020707.D  
Acq: 04 Jun 2019 17:36

Instrument :  
BNA\_M  
ClientSampleId :  
PB120243BS

Tgt Ion:264 Resp: 1088664  

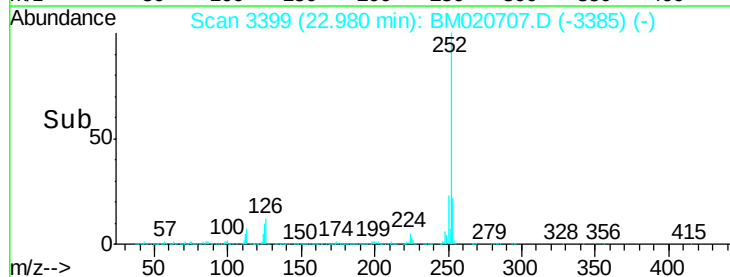
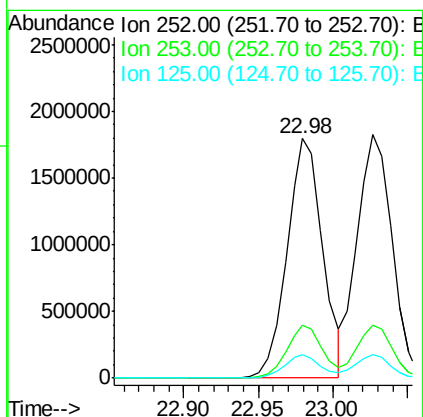
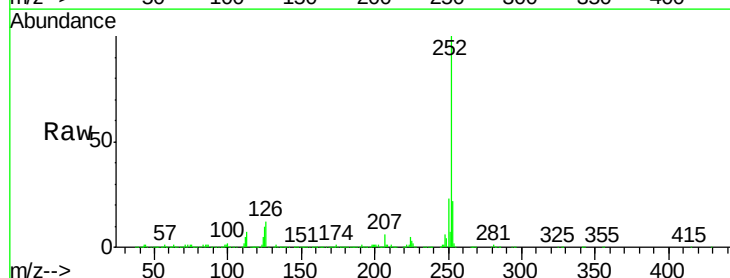
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.0  | 19.2  | 28.8  |
| 265 | 21.8  | 17.6  | 26.4  |



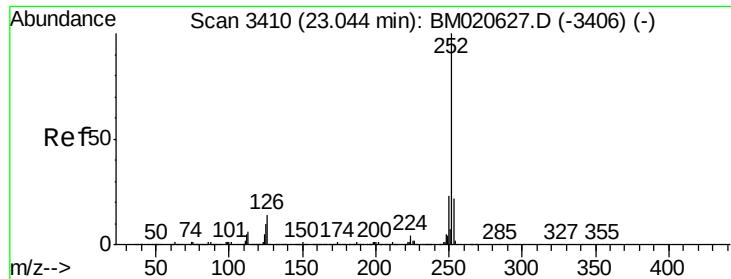
#88  
Benzo(b)fluoranthene  
Concen: 41.436 ng  
RT: 22.98 min Scan# 3399  
Delta R.T. -0.02 min  
Lab File: BM020707.D  
Acq: 04 Jun 2019 17:36

Tgt Ion:252 Resp: 2981499  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.1  | 17.4  | 26.2  |
| 125 | 9.7   | 7.8   | 11.8  |







#89

Benzo(k)fluoranthene

Concen: 41.861 ng

RT: 23.03 min Scan# 3407

Delta R.T. -0.02 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA\_M

ClientSampleId :

PB120243BS

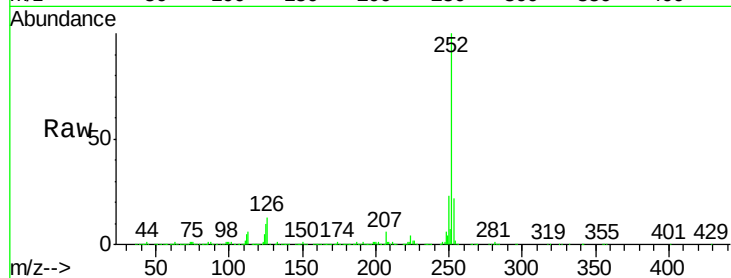
Tgt Ion:252 Resp: 2943531

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

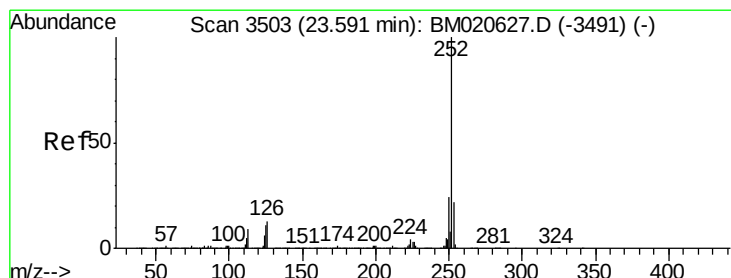
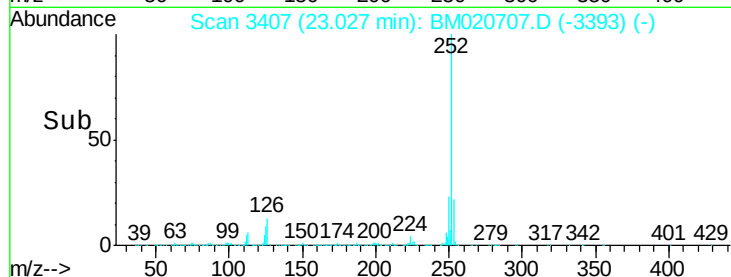
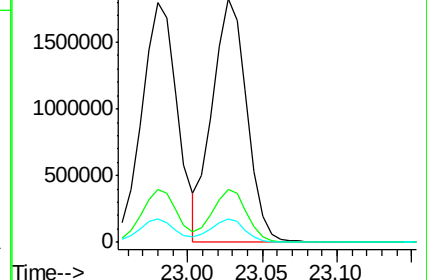
125 9.5 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.148 ng

RT: 23.57 min Scan# 3500

Delta R.T. -0.02 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

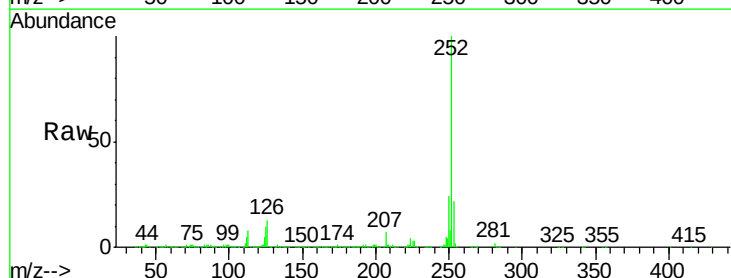
Tgt Ion:252 Resp: 2946647

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

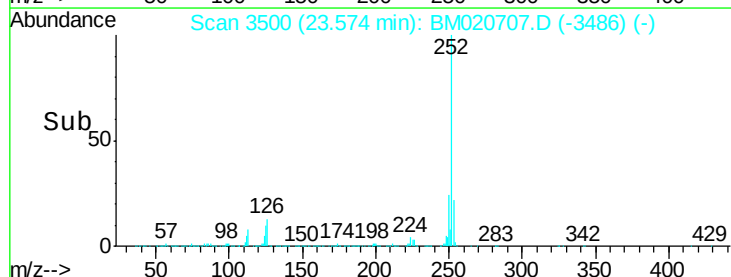
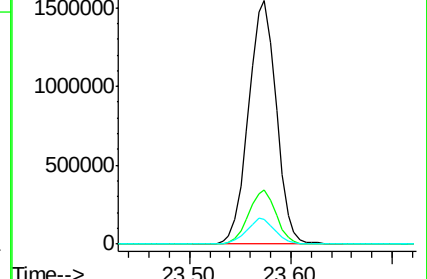
125 10.0 8.6 13.0

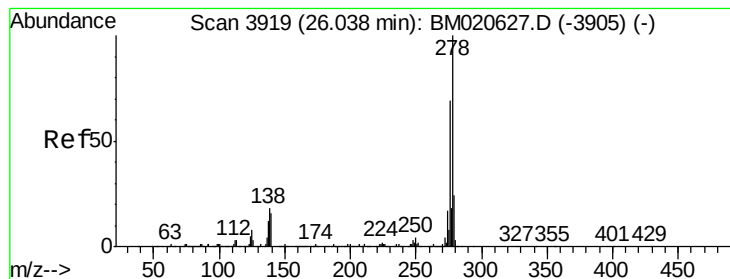


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 49.976 ng

RT: 26.01 min Scan# 3914

Delta R.T. -0.03 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA\_M

ClientSampleId :

PB120243BS

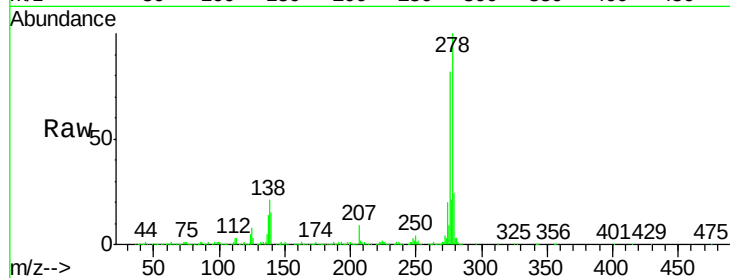
Tgt Ion:278 Resp: 3164435

Ion Ratio Lower Upper

278 100

139 15.0 12.6 18.8

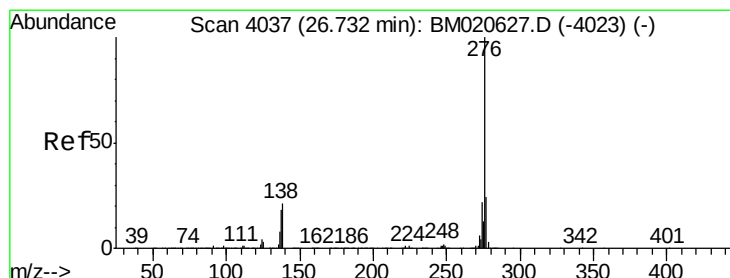
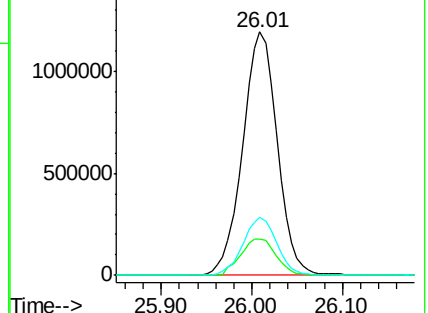
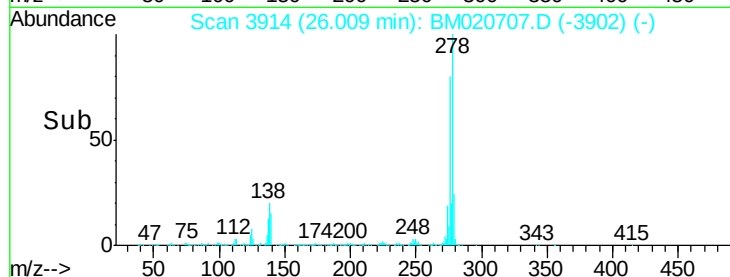
279 23.9 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.720 ng

RT: 26.71 min Scan# 4033

Delta R.T. -0.02 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

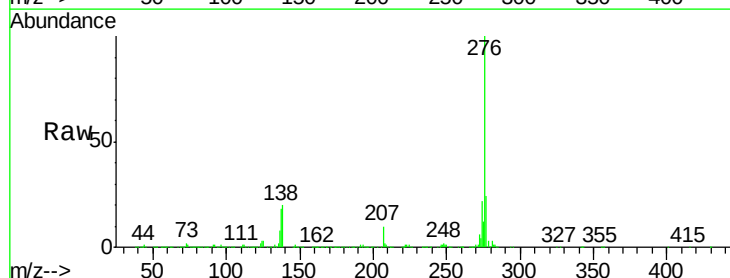
Tgt Ion:276 Resp: 3041884

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 20.5 17.0 25.4



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

