

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\  
 Data File : BM016610.D  
 Acq On : 27 Aug 2018 17:15  
 Operator : SJ/JU  
 Sample : J4636-03MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Aug 28 03:54:56 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 27 13:01:22 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.00  | 152  | 103828   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.81 | 136  | 374330   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.64 | 164  | 282841   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.39 | 188  | 906836   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.53 | 240  | 1239890  | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.81 | 264  | 1247725  | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.55  | 112  | 538132   | 101.56 | ng    | 0.00     |
| 7) Phenol-d6                | 7.19  | 99   | 686071   | 97.85  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.19  | 82   | 630898   | 76.95  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 16.14 | 330  | 923276   | 116.77 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.26 | 172  | 2124615  | 72.20  | ng    | 0.00     |
| 78) Terphenyl-d14           | 19.98 | 244  | 5008652  | 85.50  | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.37  | 88   | 87472    | 29.883 | ng    | # 100  |
| 3) Pyridine                    | 3.80  | 79   | 155094   | 25.466 | ng    | # 79   |
| 4) n-Nitrosodimethylamine      | 3.72  | 42   | 109593   | 40.393 | ng    | # 70   |
| 6) Aniline                     | 7.34  | 93   | 171593   | 21.871 | ng    | # 86   |
| 8) 2-Chlorophenol              | 7.57  | 128  | 218927   | 34.724 | ng    | # 97   |
| 9) Benzaldehyde                | 7.16  | 77   | 147438   | 30.301 | ng    | # 77   |
| 10) Phenol                     | 7.21  | 94   | 244447   | 35.254 | ng    | # 88   |
| 11) bis(2-Chloroethyl)ether    | 7.43  | 93   | 158107   | 30.408 | ng    | # 100  |
| 12) 1,3-Dichlorobenzene        | 7.89  | 146  | 268613   | 32.135 | ng    | # 88   |
| 13) 1,4-Dichlorobenzene        | 8.04  | 146  | 267089   | 31.135 | ng    | # 93   |
| 14) 1,2-Dichlorobenzene        | 8.35  | 146  | 271868   | 32.259 | ng    | # 93   |
| 15) Benzyl Alcohol             | 8.27  | 79   | 204817   | 31.457 | ng    | # 79   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.53  | 45   | 111523   | 31.150 | ng    | # 37   |
| 17) 2-Methylphenol             | 8.46  | 107  | 171656   | 34.187 | ng    | # 69   |
| 18) Hexachloroethane           | 9.06  | 117  | 148309   | 37.528 | ng    | # 43   |
| 19) n-Nitroso-di-n-propylamine | 8.82  | 70   | 174724   | 31.785 | ng    | # 89   |
| 20) 3+4-Methylphenols          | 8.80  | 107  | 224276   | 32.305 | ng    | # 82   |
| 22) Acetophenone               | 8.85  | 105  | 347367   | 38.537 | ng    | # 99   |
| 24) Nitrobenzene               | 9.23  | 77   | 309836   | 37.824 | ng    | # 88   |
| 25) Isophorone                 | 9.75  | 82   | 483425   | 44.119 | ng    | # 93   |
| 26) 2-Nitrophenol              | 9.95  | 139  | 120558   | 34.426 | ng    | # 43   |
| 27) 2,4-Dimethylphenol         | 10.00 | 122  | 193568   | 42.415 | ng    | # 75   |
| 28) bis(2-Chloroethoxy)methane | 10.23 | 93   | 244634   | 37.401 | ng    | # 96   |
| 29) 2,4-Dichlorophenol         | 10.47 | 162  | 292028   | 42.756 | ng    | # 92   |
| 30) 1,2,4-Trichlorobenzene     | 10.67 | 180  | 455772   | 43.977 | ng    | # 97   |
| 31) Naphthalene                | 10.86 | 128  | 709904   | 39.805 | ng    | # 97   |
| 33) 4-Chloroaniline            | 11.00 | 127  | 141188   | 18.811 | ng    | # 83   |
| 34) Hexachlorobutadiene        | 11.10 | 225  | 466703   | 47.180 | ng    | # 96   |
| 35) Caprolactam                | 11.81 | 113  | 47691    | 29.099 | ng    | # 62   |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107  | 247166   | 37.642 | ng    | # 87   |
| 37) 2-Methylnaphthalene        | 12.46 | 142  | 602768   | 43.172 | ng    | # 88   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.83 | 216  | 731418   | 45.788 | ng    | # 100  |
| 40) Hexachlorocyclopentadiene  | 12.79 | 237  | 748672   | 95.653 | ng    | # 95   |
| 42) 2,4,6-Trichlorophenol      | 13.09 | 196  | 411917   | 43.122 | ng    | # 93   |

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 Sample : J4636-03MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

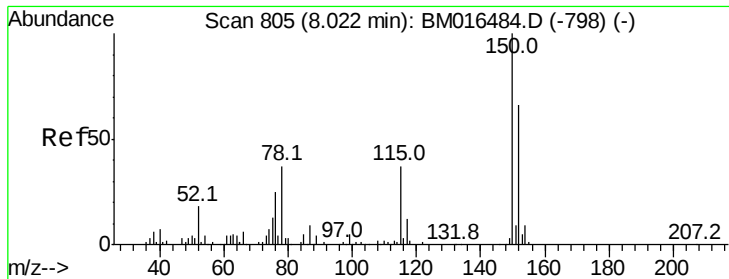
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Aug 28 03:54:56 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 27 13:01:22 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 43) 2,4,5-Trichlorophenol      | 13.17 | 196  | 400779   | 42.952 | ng    | # 96     |
| 45) 1,1'-Biphenyl              | 13.47 | 154  | 846988   | 34.152 | ng    | 97       |
| 46) 2-Chloronaphthalene        | 13.53 | 162  | 701042   | 34.793 | ng    | 95       |
| 47) 2-Nitroaniline             | 13.76 | 65   | 178767   | 33.310 | ng    | # 79     |
| 48) Acenaphthylene             | 14.37 | 152  | 1033774  | 36.347 | ng    | 99       |
| 49) Dimethylphthalate          | 14.11 | 163  | 1259077  | 46.335 | ng    | # 98     |
| 50) 2,6-Dinitrotoluene         | 14.25 | 165  | 198257   | 37.406 | ng    | # 70     |
| 51) Acenaphthene               | 14.71 | 154  | 625705   | 35.809 | ng    | 95       |
| 52) 3-Nitroaniline             | 14.60 | 138  | 99487    | 20.629 | ng    | # 71     |
| 53) 2,4-Dinitrophenol          | 14.83 | 184  | 145098   | 54.705 | ng    | # 68     |
| 54) Dibenzofuran               | 15.04 | 168  | 1261650  | 37.718 | ng    | 92       |
| 55) 4-Nitrophenol              | 14.92 | 139  | 187309   | 60.895 | ng    | # 80     |
| 56) 2,4-Dinitrotoluene         | 15.05 | 165  | 306199   | 34.645 | ng    | # 97     |
| 57) Fluorene                   | 15.69 | 166  | 1007646  | 39.877 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.28 | 232  | 412473   | 45.993 | ng    | # 100    |
| 59) Diethylphthalate           | 15.46 | 149  | 967415   | 34.144 | ng    | # 93     |
| 60) 4-Chlorophenyl-phenylether | 15.68 | 204  | 873477   | 41.220 | ng    | # 84     |
| 61) 4-Nitroaniline             | 15.76 | 138  | 135242   | 28.694 | ng    | # 1      |
| 62) Azobenzene                 | 15.97 | 77   | 1162861  | 38.533 | ng    | 90       |
| 64) 4,6-Dinitro-2-methylphenol | 15.82 | 198  | 191692   | 27.820 | ng    | # 53     |
| 65) n-Nitrosodiphenylamine     | 15.90 | 169  | 864583   | 33.890 | ng    | 96       |
| 66) 4-Bromophenyl-phenylether  | 16.57 | 248  | 558829   | 40.106 | ng    | 94       |
| 67) Hexachlorobenzene          | 16.69 | 284  | 611901   | 37.657 | ng    | 95       |
| 68) Atrazine                   | 16.85 | 200  | 509496   | 43.761 | ng    | 93       |
| 69) Pentachlorophenol          | 17.04 | 266  | 543516   | 63.216 | ng    | 97       |
| 70) Phenanthrene               | 17.43 | 178  | 1723021  | 36.762 | ng    | 99       |
| 71) Anthracene                 | 17.52 | 178  | 1761316  | 37.843 | ng    | 99       |
| 72) Carbazole                  | 17.80 | 167  | 1254463  | 29.992 | ng    | 99       |
| 73) Di-n-butylphthalate        | 18.32 | 149  | 1646160  | 32.282 | ng    | # 97     |
| 74) Fluoranthene               | 19.43 | 202  | 2631816  | 38.296 | ng    | 94       |
| 76) Benzidine                  | 19.63 | 184  | 810812   | 34.004 | ng    | 100      |
| 77) Pyrene                     | 19.79 | 202  | 2707147  | 40.175 | ng    | 99       |
| 79) Butylbenzylphthalate       | 20.66 | 149  | 788826   | 33.915 | ng    | # 73     |
| 80) Benzo(a)anthracene         | 21.52 | 228  | 2877356  | 39.473 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.45 | 252  | 798810   | 24.618 | ng    | # 96     |
| 82) Chrysene                   | 21.57 | 228  | 2594879  | 37.309 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.41 | 149  | 1112135  | 32.164 | ng    | # 96     |
| 84) Di-n-octyl phthalate       | 22.29 | 149  | 1809285  | 31.487 | ng    | # 93     |
| 85) Indeno(1,2,3-cd)pyrene     | 26.13 | 276  | 3466736  | 34.660 | ng    | # 92     |
| 87) Benzo(b)fluoranthene       | 23.13 | 252  | 3080799  | 42.833 | ng    | # 91     |
| 88) Benzo(k)fluoranthene       | 23.17 | 252  | 2806934  | 38.355 | ng    | # 93     |
| 89) Benzo(a)pyrene             | 23.71 | 252  | 2789862  | 39.864 | ng    | # 94     |
| 90) Dibenzo(a,h)anthracene     | 26.13 | 278  | 2940582  | 37.492 | ng    | # 88     |
| 91) Benzo(g,h,i)perylene       | 26.84 | 276  | 2715698  | 38.573 | ng    | # 80     |

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



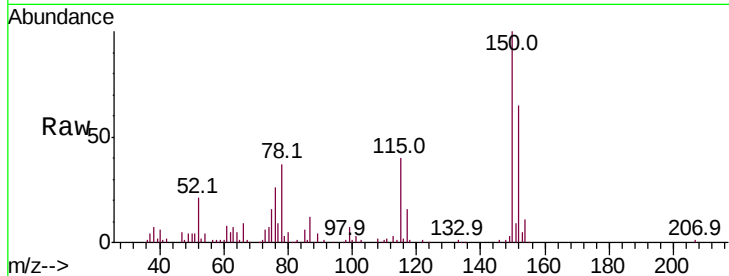


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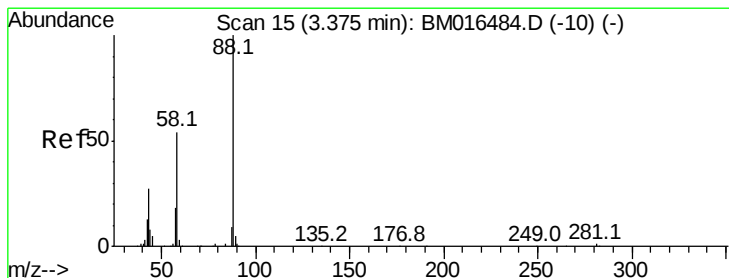
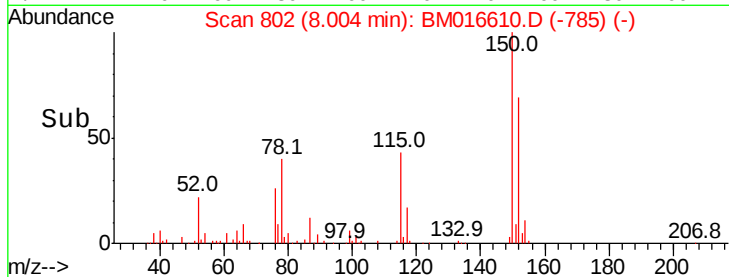
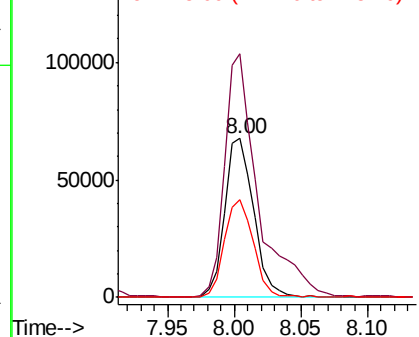
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.00 min Scan# 802  
Delta R.T. -0.00 min  
Lab File: BM016610.D  
Acq: 27 Aug 2018 17:15

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:152 Resp: 103828  
Ion Ratio Lower Upper  
152 100  
150 153.2 119.5 179.3  
115 61.7 43.0 64.4



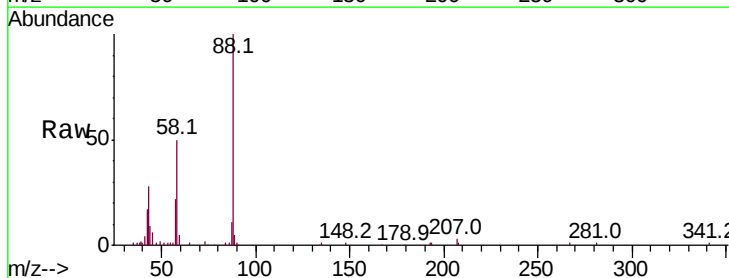
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



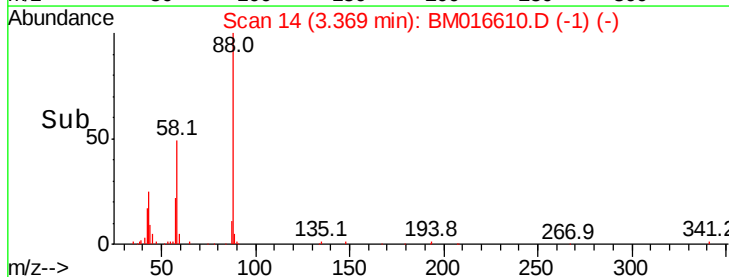
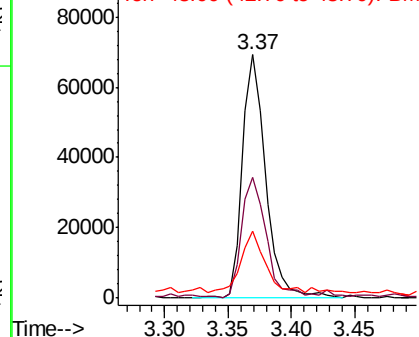
#2

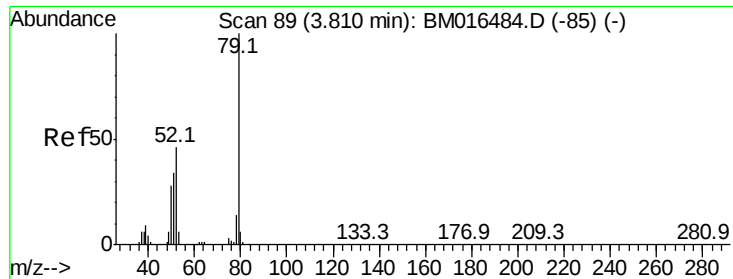
1,4-Dioxane  
Concen: 29.883 ng  
RT: 3.37 min Scan# 14  
Delta R.T. -0.00 min  
Lab File: BM016610.D  
Acq: 27 Aug 2018 17:15

Tgt Ion: 88 Resp: 87472  
Ion Ratio Lower Upper  
88 100  
58 53.2 0.0 0.0#  
43 26.8 0.0 0.0#



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





#3

Pvridine

Concen: 25.466 ng

RT: 3.80 min Scan# 87

Delta R.T. -0.00 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

Instrument :

BNA\_M

ClientSampled :

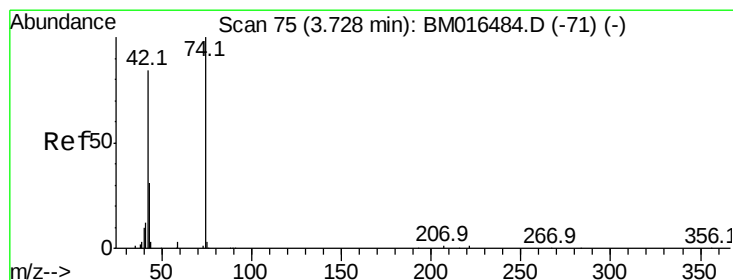
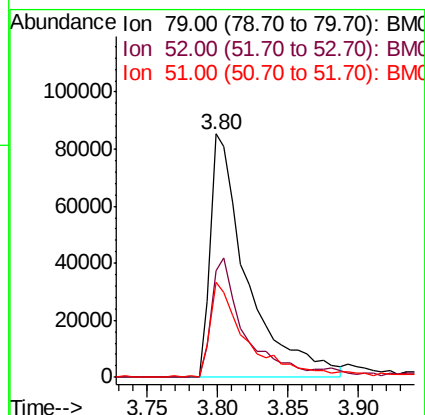
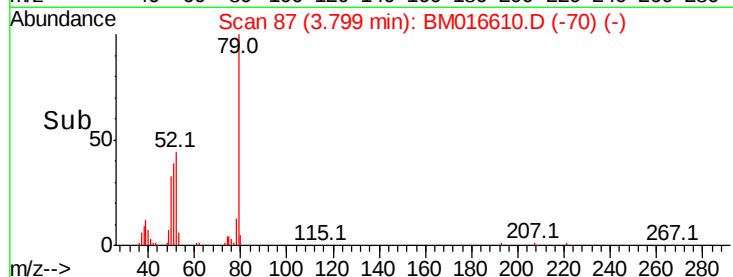
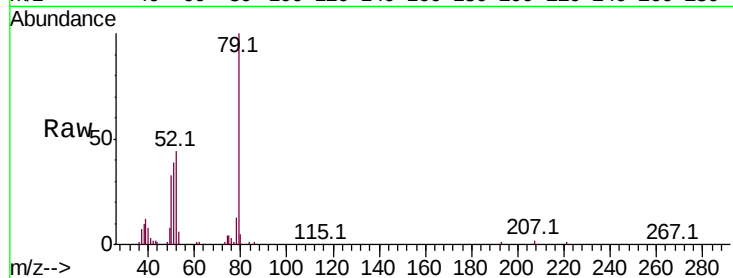
Tot Ion: 79 Resp: 155094

Ion Ratio Lower Upper

79 100

52 44.0 51.1 76.7#

51 38.9 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 40.393 ng

RT: 3.72 min Scan# 74

Delta R.T. -0.00 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

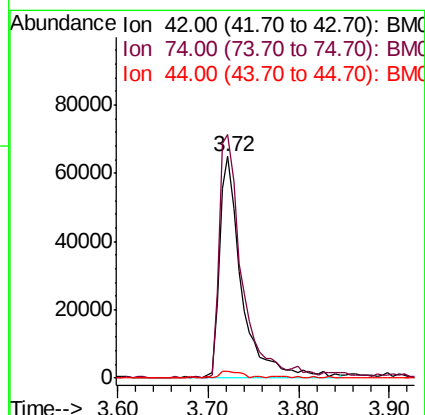
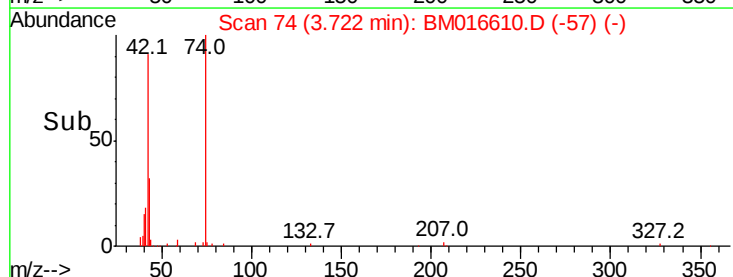
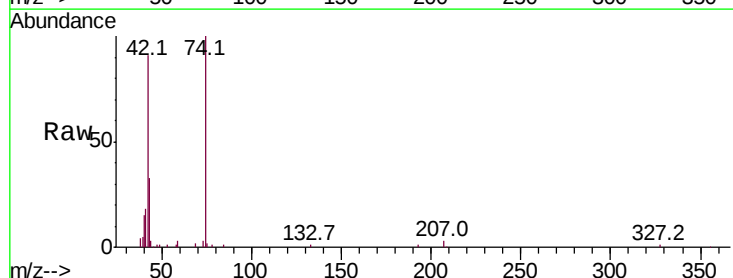
Tgt Ion: 42 Resp: 109593

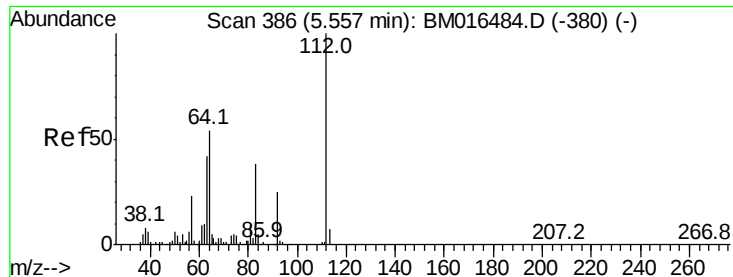
Ion Ratio Lower Upper

42 100

74 110.0 119.3 178.9#

44 3.2 5.4 8.2#





#5

2-Fluorophenol

Concen: 101.564 ng

RT: 5.55 min Scan# 384

Delta R.T. -0.00 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

Instrument :

BNA\_M

ClientSampleId :

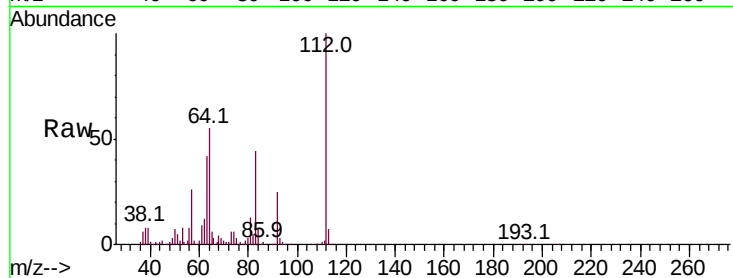
Tot Ion:112 Resp: 538132

Ion Ratio Lower Upper

112 100

64 54.7 38.6 57.8

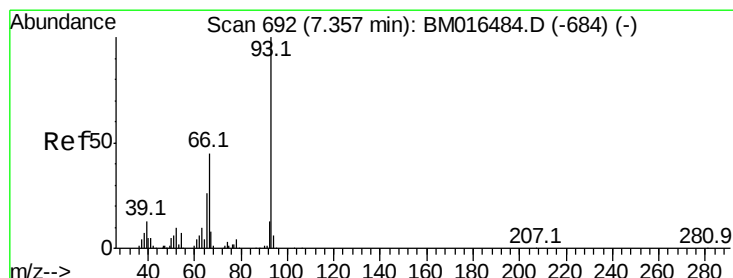
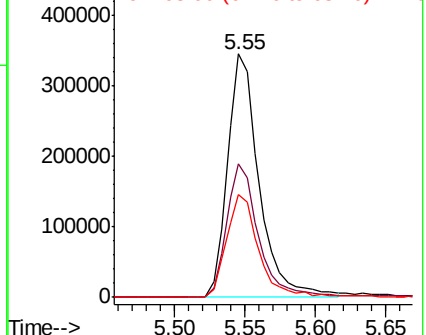
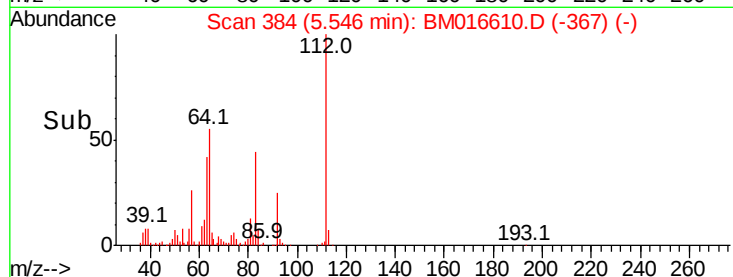
63 42.0 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 21.871 ng

RT: 7.34 min Scan# 689

Delta R.T. -0.00 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

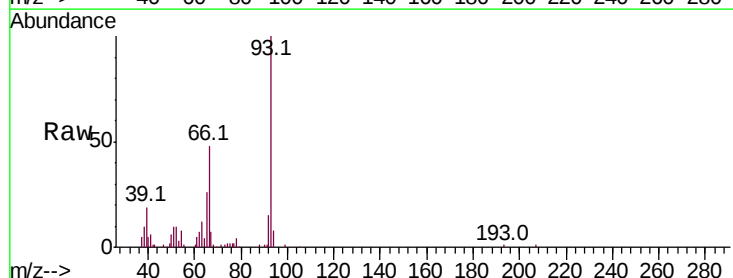
Tgt Ion: 93 Resp: 171593

Ion Ratio Lower Upper

93 100

66 47.7 30.8 46.2#

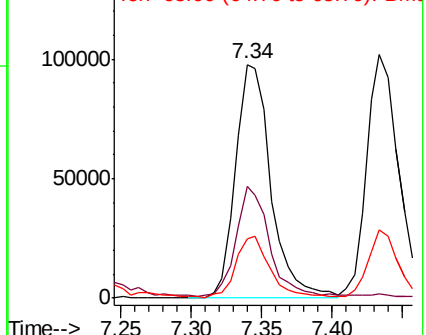
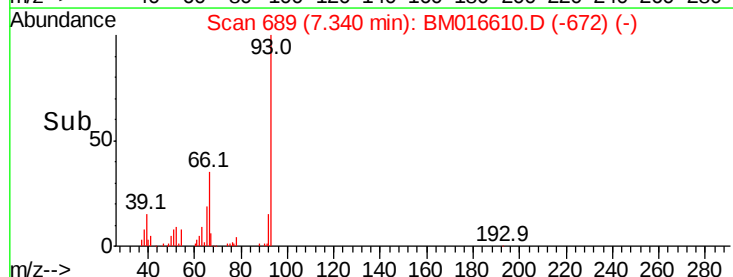
65 25.6 16.0 24.0#

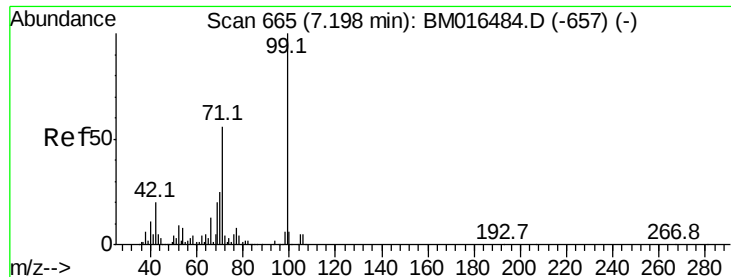


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 97.851 ng

RT: 7.19 min Scan# 663

Delta R.T. 0.01 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

Instrument :

BNA\_M

ClientSampled :

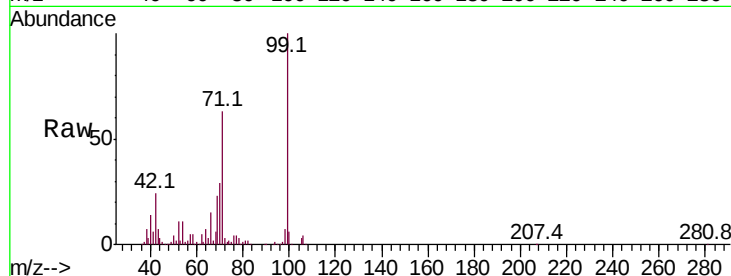
Tot Ion: 99 Resp: 686071

Ion Ratio Lower Upper

99 100

42 23.5 11.0 16.4#

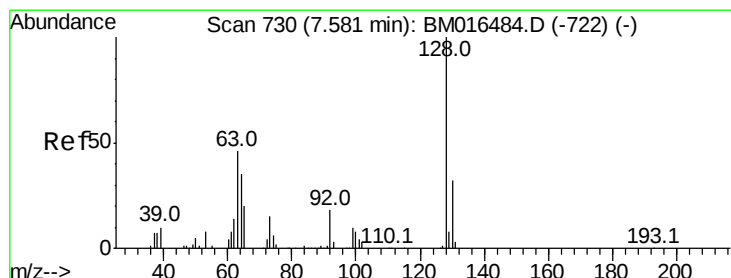
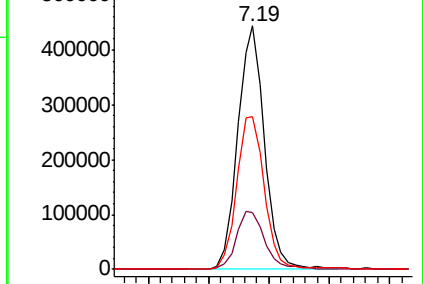
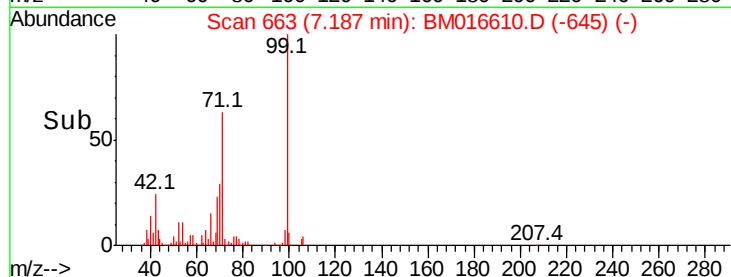
71 62.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016484.D (-657) (-)



#8

2-Chlorophenol

Concen: 34.724 ng

RT: 7.57 min Scan# 728

Delta R.T. -0.00 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

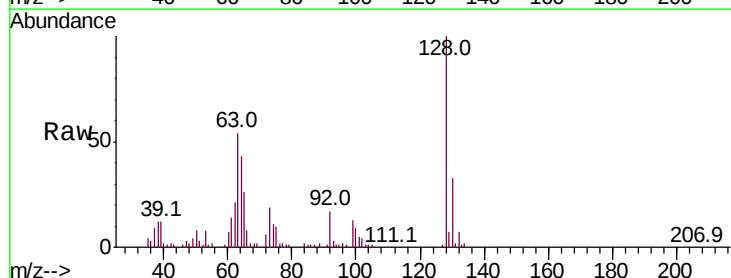
Tgt Ion:128 Resp: 218927

Ion Ratio Lower Upper

128 100

130 33.5 12.0 52.0

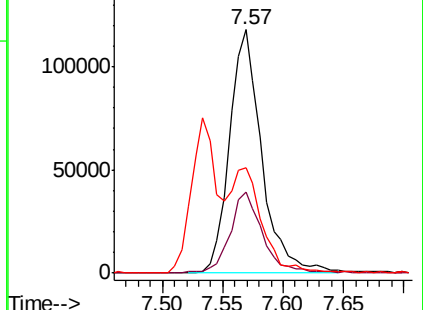
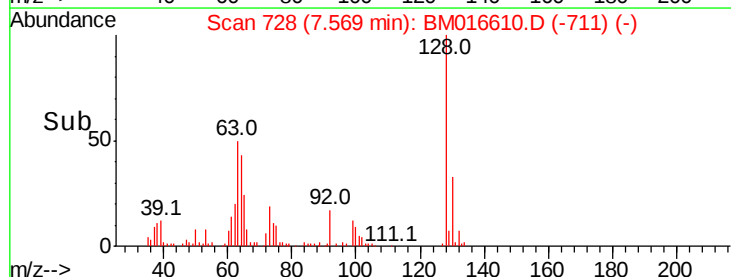
64 43.3 24.9 64.9

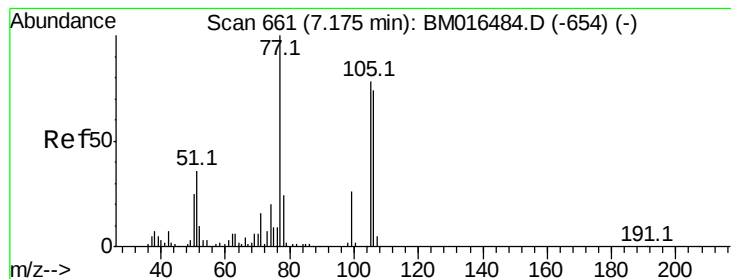


Abundance Ion 128.00 (127.70 to 128.70): BM016484.D (-722) (-)

Ion 130.00 (129.70 to 130.70): BM016484.D (-722) (-)

Ion 64.00 (63.70 to 64.70): BM016484.D (-722) (-)





#9

Benzaldehyde

Concen: 30.301 ng

RT: 7.16 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

Instrument :

BNA\_M

ClientSampleId :

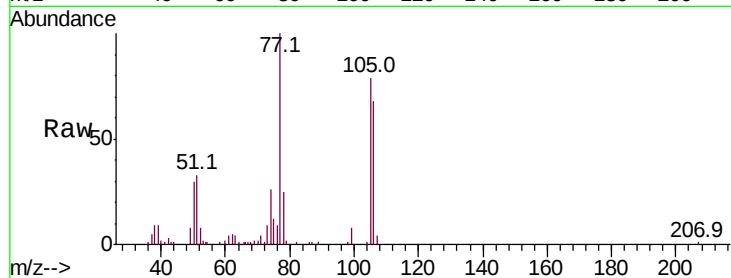
Tot Ion: 77 Resp: 147438

Ion Ratio Lower Upper

77 100

105 79.0 78.8 118.8

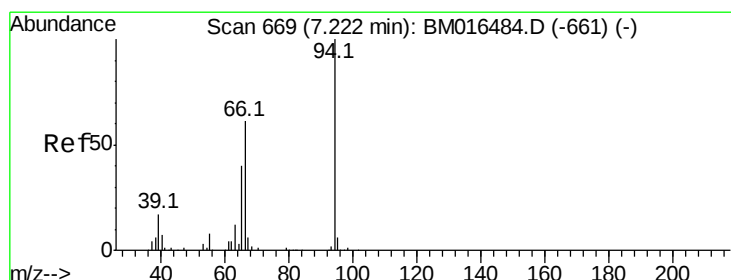
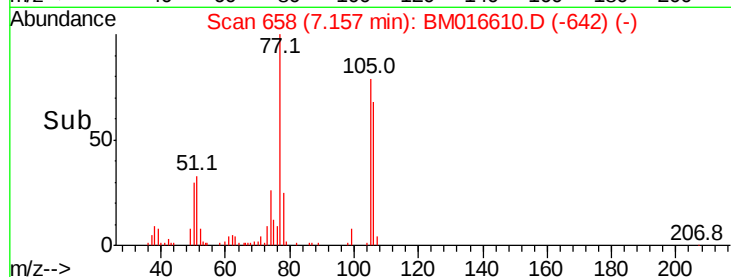
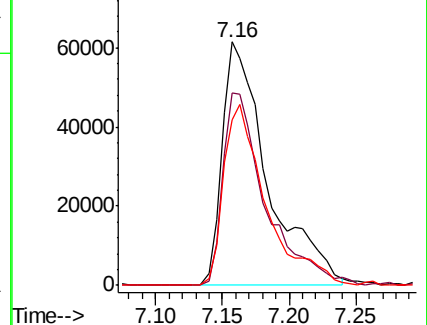
106 68.1 73.7 113.7#



Abundance Ion 77.00 (76.70 to 77.70): BM016610.D (-642) (-)

Ion 105.00 (104.70 to 105.70): BM016610.D (-642) (-)

Ion 106.00 (105.70 to 106.70): BM016610.D (-642) (-)



#10

Phenol

Concen: 35.254 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

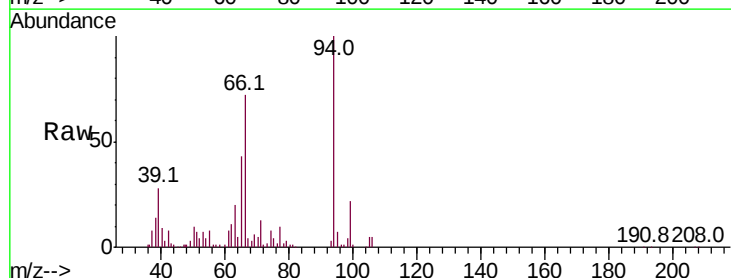
Tgt Ion: 94 Resp: 244447

Ion Ratio Lower Upper

94 100

65 43.1 18.8 58.8

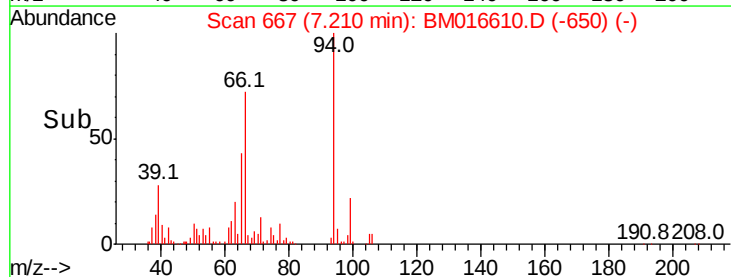
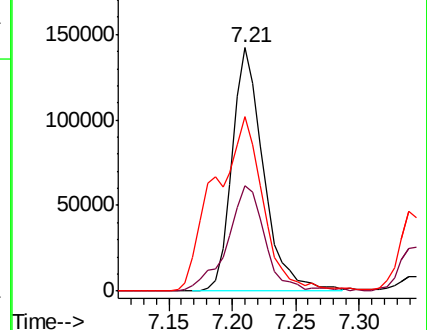
66 71.7 39.9 79.9

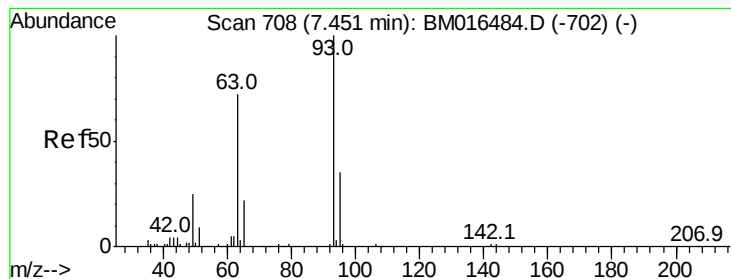


Abundance Ion 94.00 (93.70 to 94.70): BM016610.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM016610.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM016610.D (-650) (-)





#11

bis(2-Chloroethyl)ether

Concen: 30.408 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

Instrument :

BNA\_M

ClientSampled :

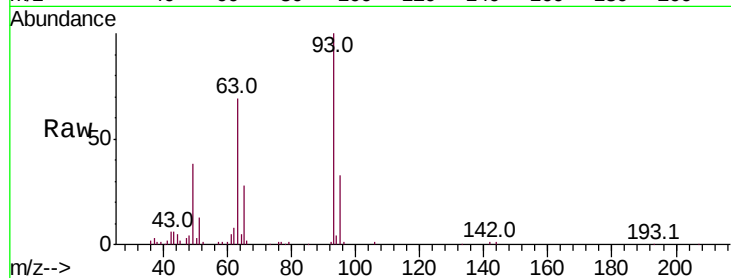
Tot Ion: 93 Resp: 158107

Ion Ratio Lower Upper

93 100

63 69.4 49.5 89.5

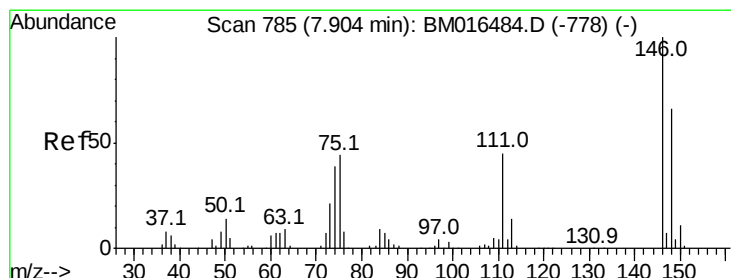
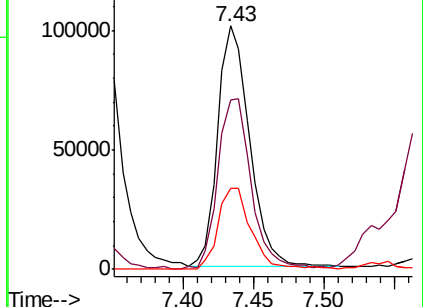
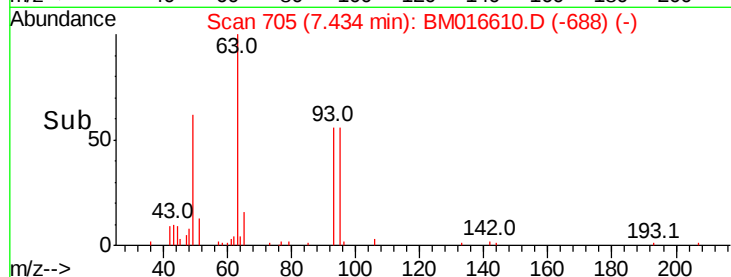
95 33.3 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BM016610.D (-688) (-)

Ion 63.00 (62.70 to 63.70): BM016610.D (-688) (-)

Ion 95.00 (94.70 to 95.70): BM016610.D (-688) (-)



#12

1,3-Dichlorobenzene

Concen: 32.135 ng

RT: 7.89 min Scan# 782

Delta R.T. -0.00 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

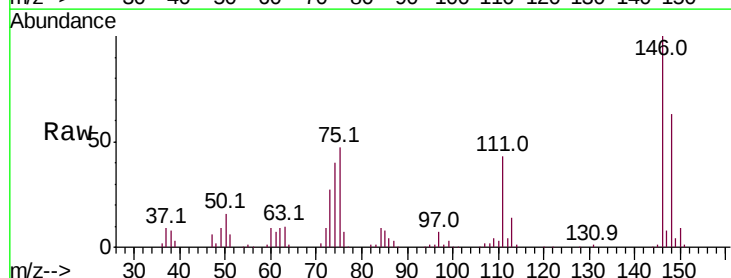
Tgt Ion: 146 Resp: 268613

Ion Ratio Lower Upper

146 100

148 63.1 50.9 76.3

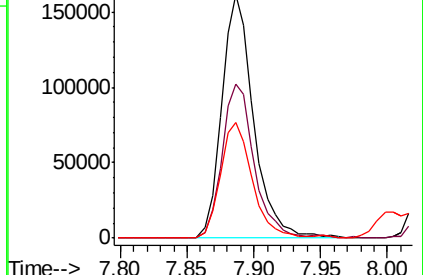
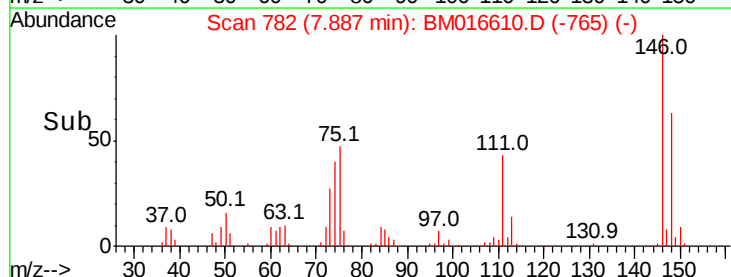
75 47.4 21.4 32.2#

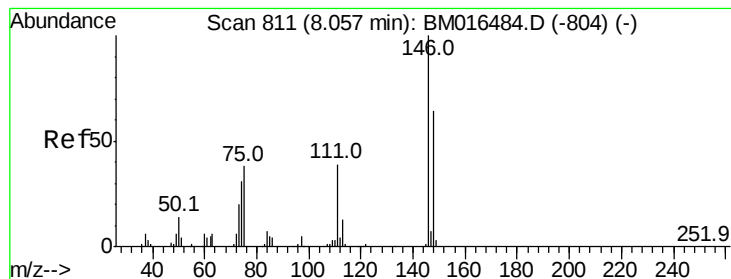


Abundance Ion 146.00 (145.70 to 146.70): BM016610.D (-765) (-)

Ion 148.00 (147.70 to 148.70): BM016610.D (-765) (-)

Ion 75.00 (74.70 to 75.70): BM016610.D (-765) (-)





#13

1,4-Dichlorobenzene

Concen: 31.135 ng

RT: 8.04 min Scan# 808

Delta R.T. -0.00 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

Instrument :

BNA\_M

ClientSampleId :

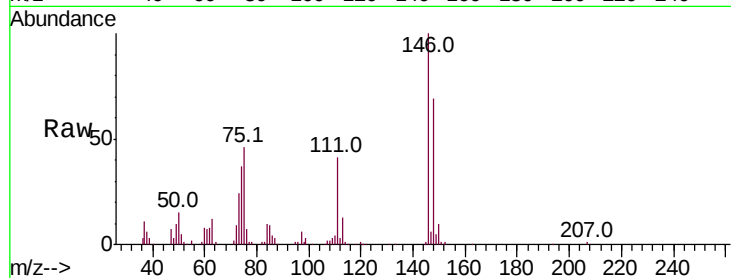
Tot Ion:146 Resp: 267089

Ion Ratio Lower Upper

146 100

148 69.4 51.9 77.9

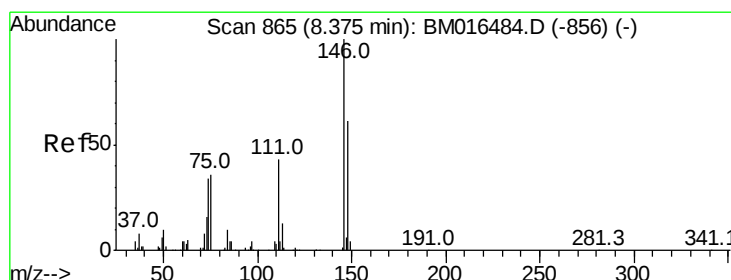
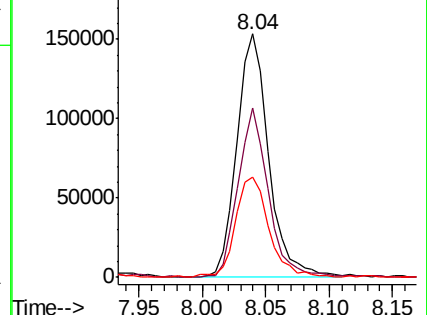
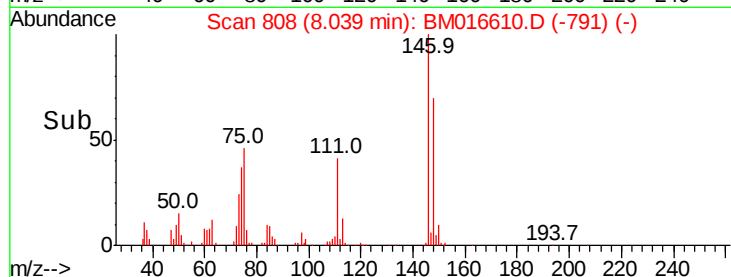
111 41.4 29.2 43.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 32.259 ng

RT: 8.35 min Scan# 861

Delta R.T. -0.00 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

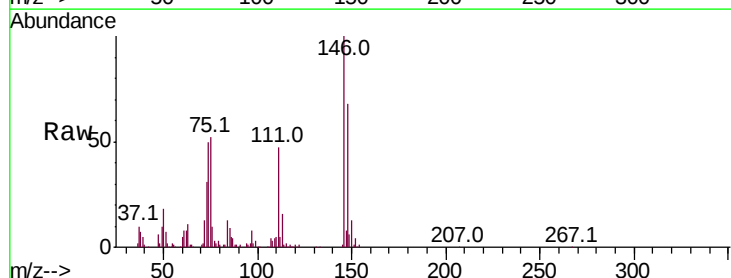
Tgt Ion:146 Resp: 271868

Ion Ratio Lower Upper

146 100

148 67.9 52.3 78.5

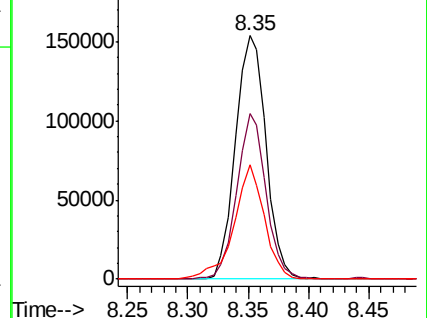
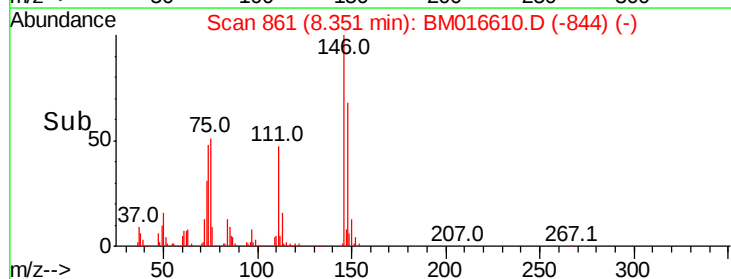
111 46.9 30.6 45.8#

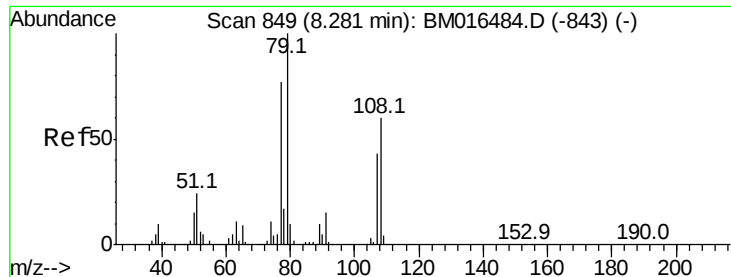


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 31.457 ng

RT: 8.27 min Scan# 847

Delta R.T. -0.00 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

Instrument :

BNA\_M

ClientSampleId :

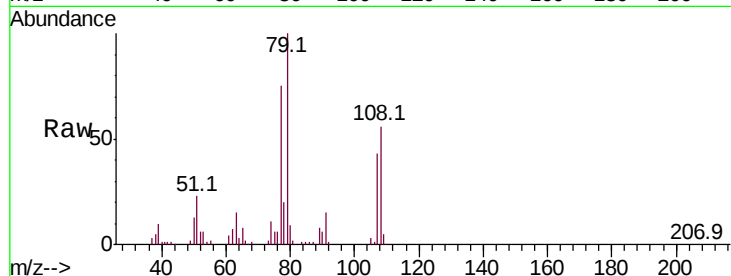
Tot Ion: 79 Resp: 204817

Ion Ratio Lower Upper

79 100

108 55.7 65.0 97.4#

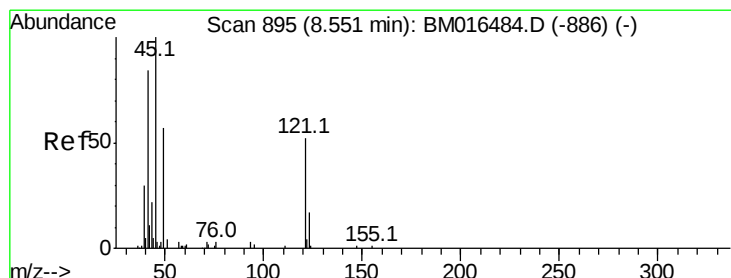
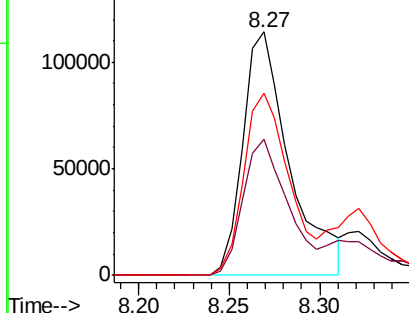
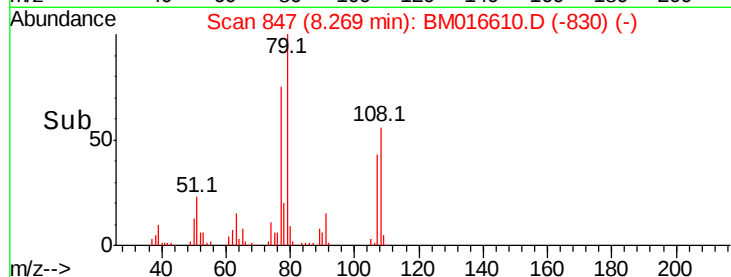
77 74.7 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM016610.D (-830) (-)

Ion 108.00 (107.70 to 108.70): BM016610.D (-830) (-)

Ion 77.00 (76.70 to 77.70): BM016610.D (-830) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.150 ng

RT: 8.53 min Scan# 892

Delta R.T. -0.00 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

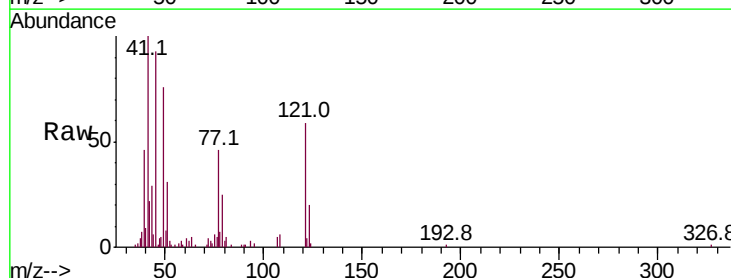
Tgt Ion: 45 Resp: 111523

Ion Ratio Lower Upper

45 100

77 49.5 0.0 35.2#

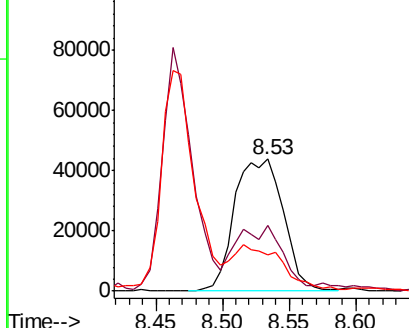
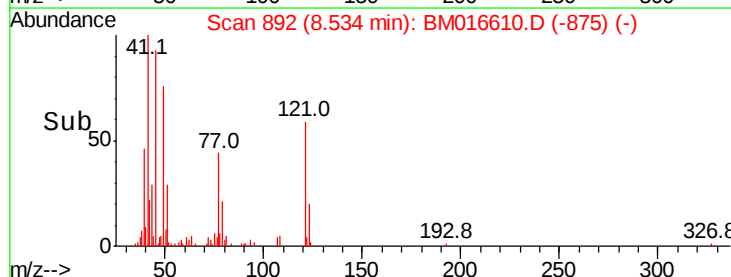
79 27.4 0.0 32.0

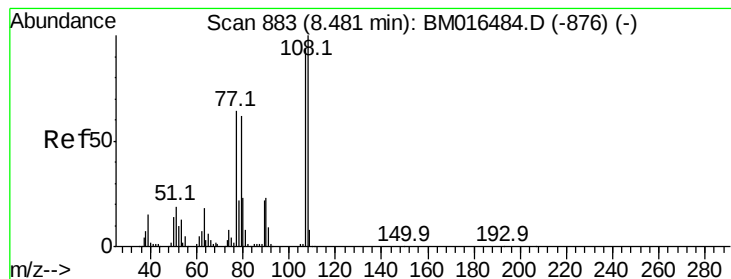


Abundance Ion 45.00 (44.70 to 45.70): BM016610.D (-875) (-)

Ion 77.00 (76.70 to 77.70): BM016610.D (-875) (-)

Ion 79.00 (78.70 to 79.70): BM016610.D (-875) (-)

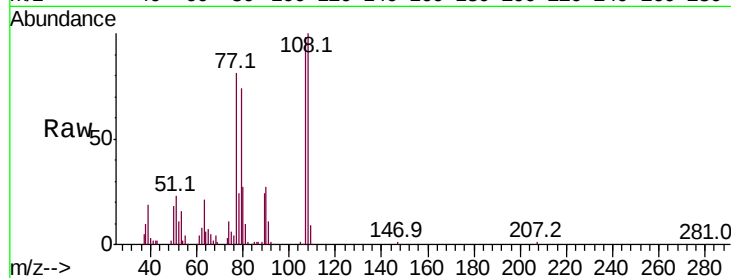




#17  
2-Methylphenol  
Concen: 34.187 ng  
RT: 8.46 min Scan# 880  
Delta R.T. -0.00 min  
Lab File: BM016610.D  
Acq: 27 Aug 2018 17:15

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 102.4 | 89.8  | 134.8 |
| 77      | 83.3  | 32.6  | 48.8# |
| 79      | 75.3  | 32.8  | 49.2# |



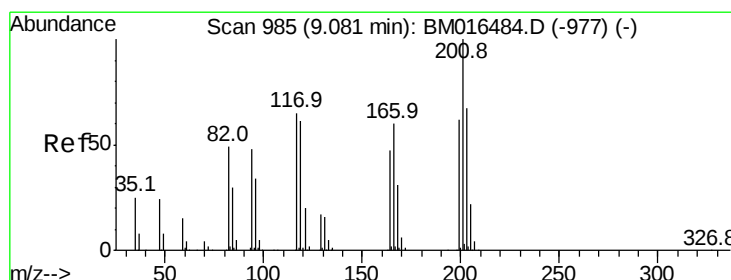
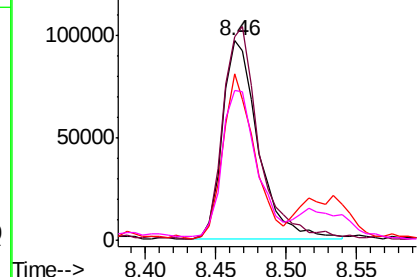
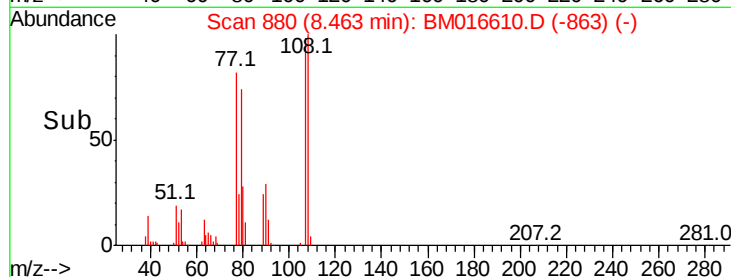
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

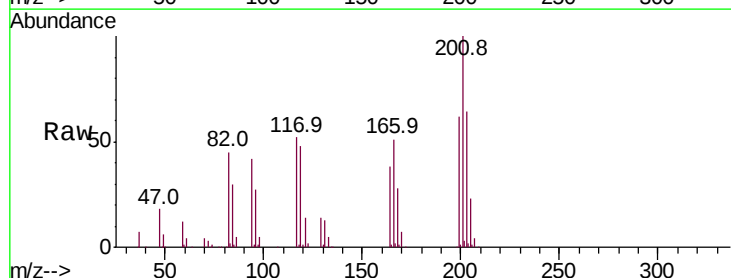
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18  
Hexachloroethane  
Concen: 37.528 ng  
RT: 9.06 min Scan# 982  
Delta R.T. -0.00 min  
Lab File: BM016610.D  
Acq: 27 Aug 2018 17:15

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 92.0  | 79.2  | 118.8  |
| 201     | 192.8 | 69.8  | 104.6# |

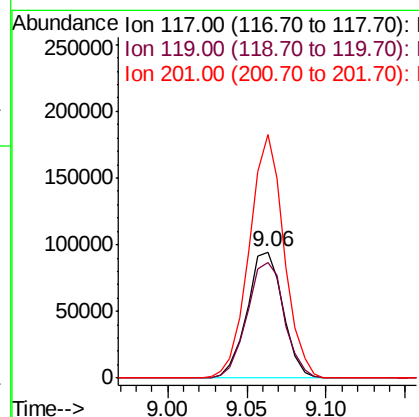
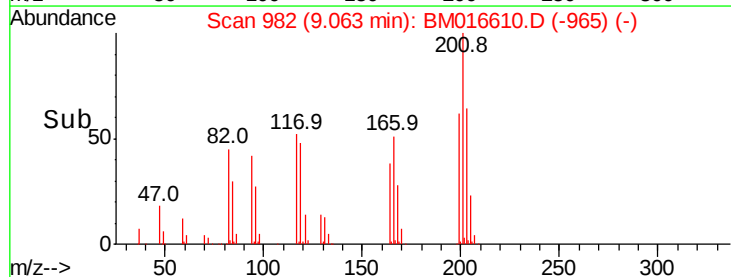


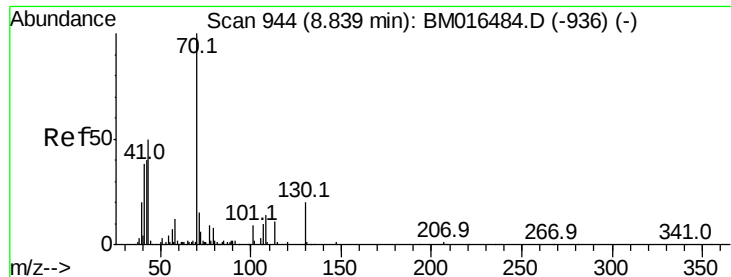
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

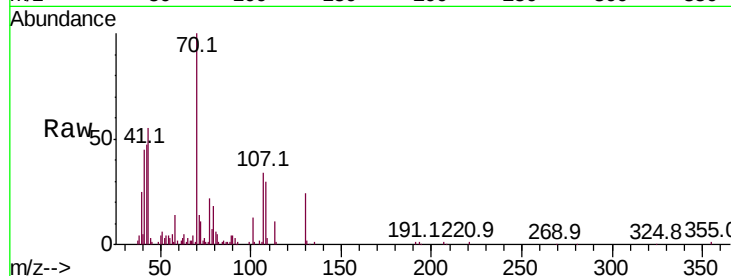




#19  
n-Nitroso-di-n-propylamine  
Concen: 31.785 ng  
RT: 8.82 min Scan# 941  
Delta R.T. -0.00 min  
Lab File: BM016610.D  
Acq: 27 Aug 2018 17:15

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 47.5  | 44.5  | 66.7  |
| 101     | 12.5  | 7.4   | 11.2# |
| 130     | 24.3  | 15.3  | 22.9# |



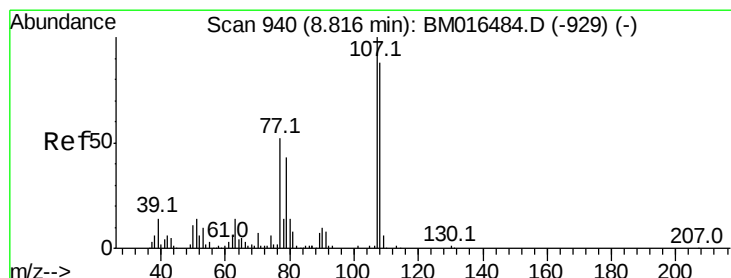
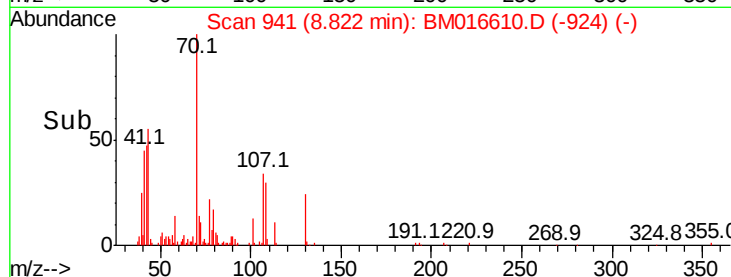
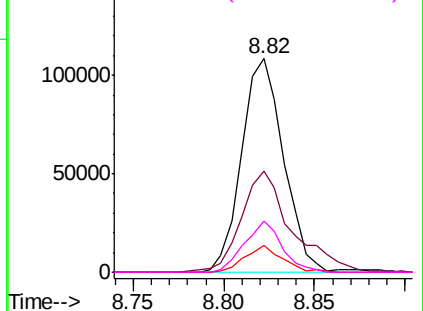
Abundance

Ion 70.00 (69.70 to 70.70): BM016610.D (-924) (-)

Ion 42.00 (41.70 to 42.70): BM016610.D (-924) (-)

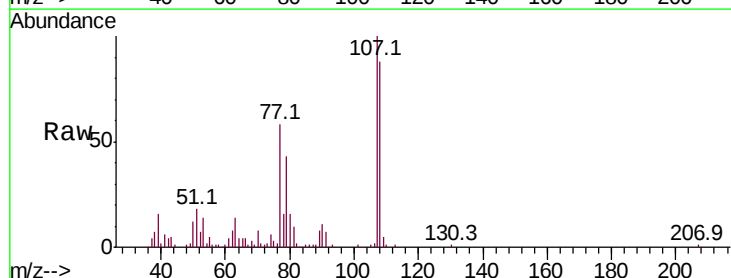
Ion 101.00 (100.70 to 101.70): BM016610.D (-924) (-)

Ion 130.00 (129.70 to 130.70): BM016610.D (-924) (-)



#20  
3+4-Methylphenols  
Concen: 32.305 ng  
RT: 8.80 min Scan# 937  
Delta R.T. -0.00 min  
Lab File: BM016610.D  
Acq: 27 Aug 2018 17:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 88.0  | 73.2  | 113.2 |
| 77      | 57.7  | 10.7  | 50.7# |
| 79      | 43.5  | 9.6   | 49.6  |



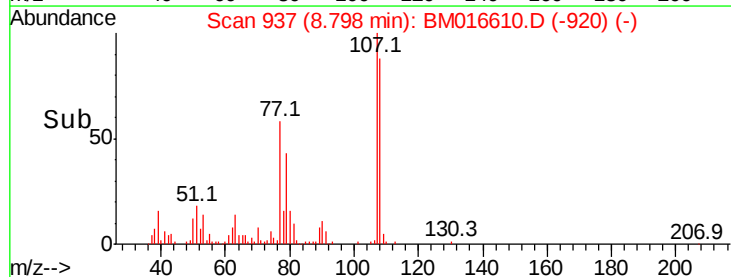
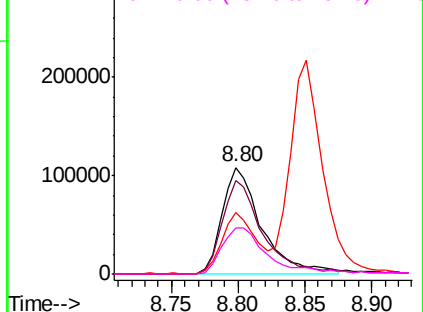
Abundance

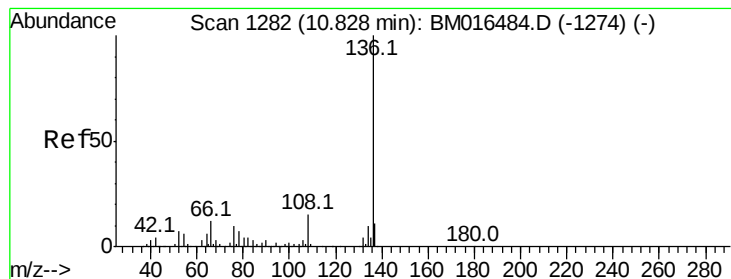
Ion 107.00 (106.70 to 107.70): BM016610.D (-920) (-)

Ion 108.00 (107.70 to 108.70): BM016610.D (-920) (-)

Ion 77.00 (76.70 to 77.70): BM016610.D (-920) (-)

Ion 79.00 (78.70 to 79.70): BM016610.D (-920) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

Instrument :

BNA\_M

ClientSampleId :

Tot Ion:136 Resp: 374330

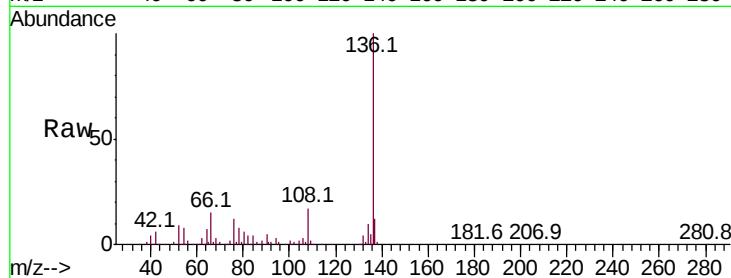
Ion Ratio Lower Upper

136 100

137 11.8 8.7 13.1

54 8.0 4.6 6.8#

68 3.5 3.7 5.5#



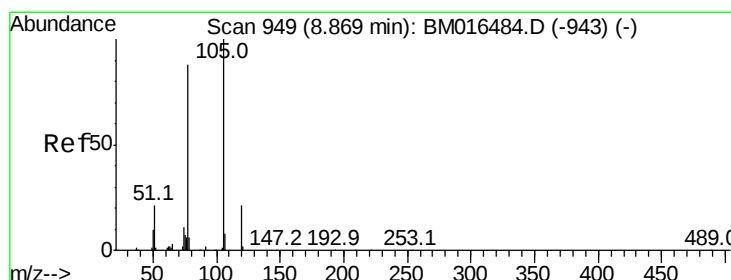
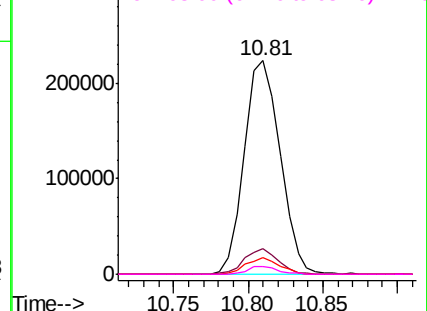
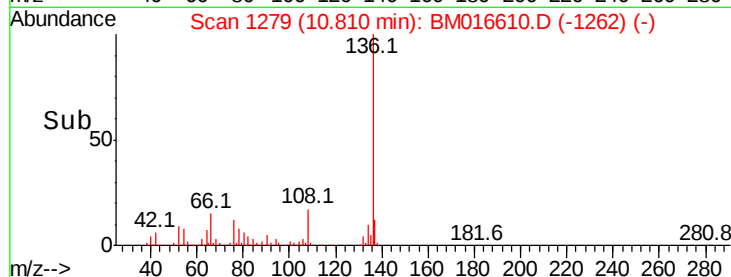
Abundance

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: 38.537 ng

RT: 8.85 min Scan# 946

Delta R.T. -0.00 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

Tgt Ion:105 Resp: 347367

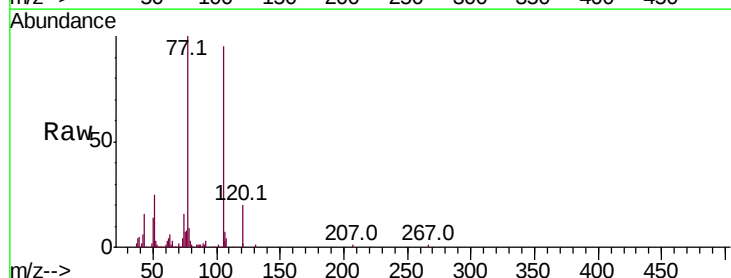
Ion Ratio Lower Upper

105 100

71 0.4 0.6 1.0#

51 26.5 21.6 32.4

120 20.6 16.1 24.1



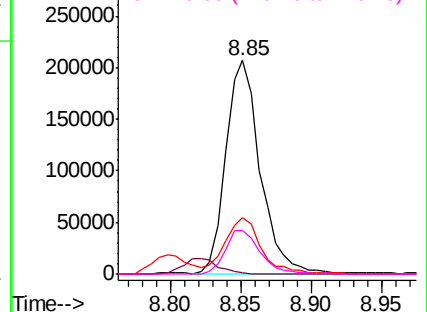
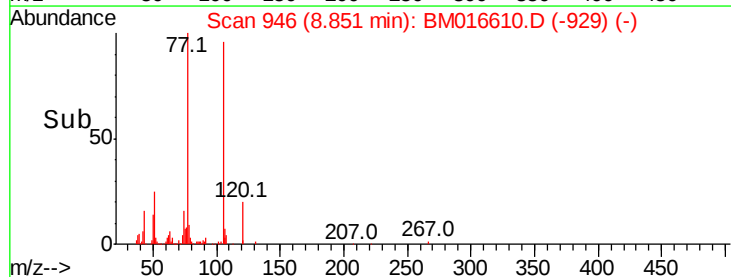
Abundance

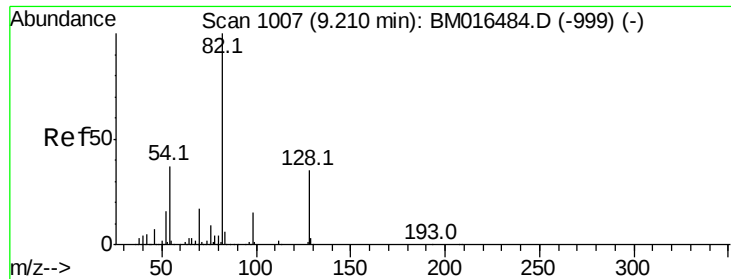
Ion 105.00 (104.70 to 105.70): E

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

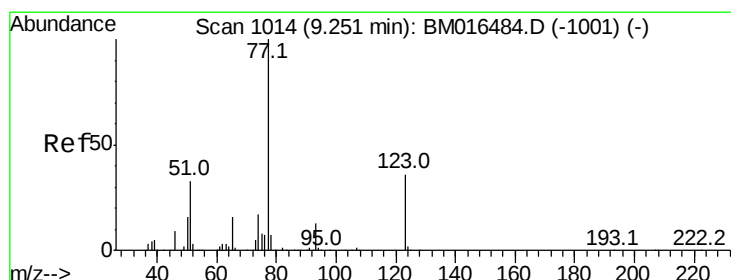
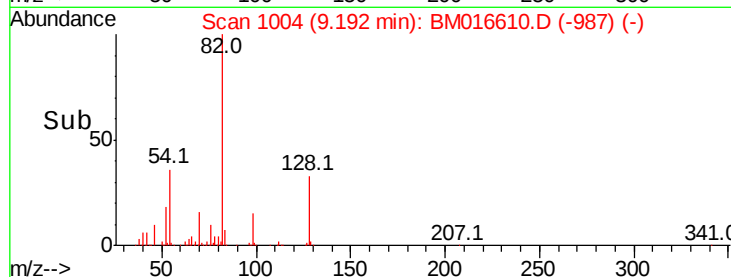
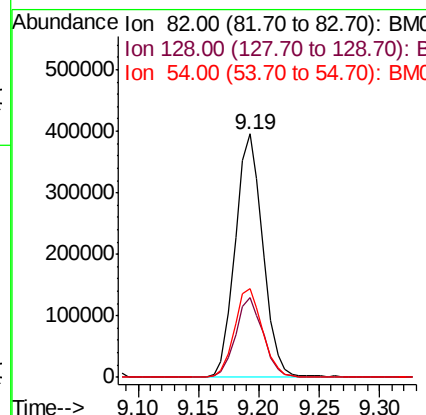
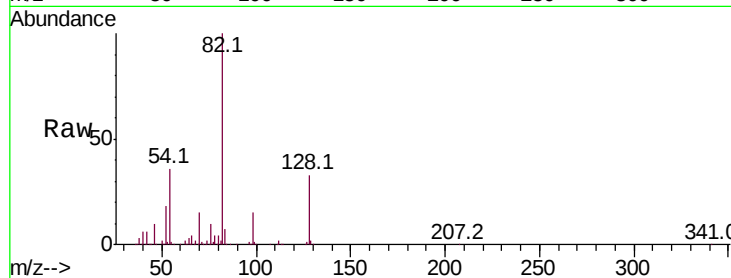




#23  
Nitrobenzene-d5  
Concen: 76.954 ng  
RT: 9.19 min Scan# 1004  
Delta R.T. -0.00 min  
Lab File: BM016610.D  
Acq: 27 Aug 2018 17:15

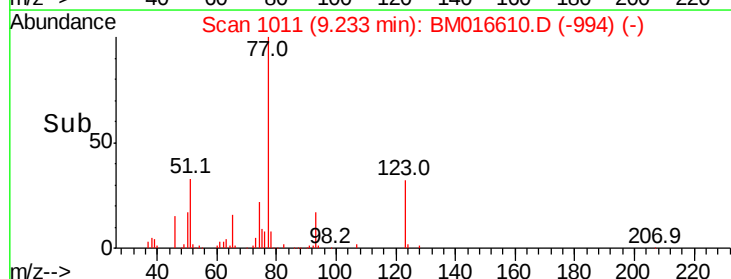
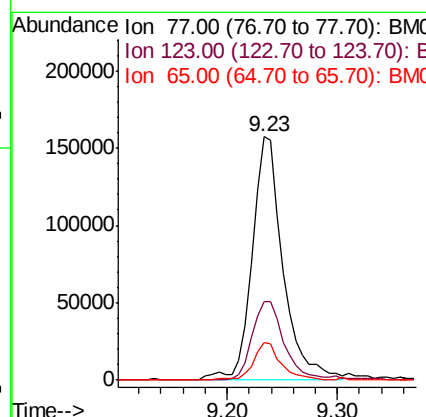
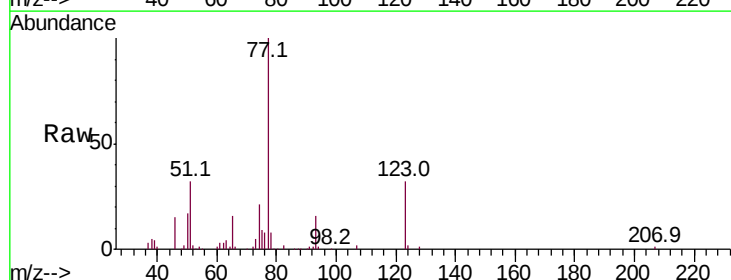
Instrument :  
BNA\_M  
ClientSampled :

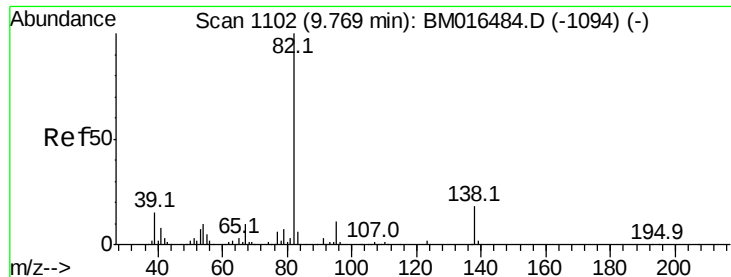
| Tot Ion   | 82    | Resp  | 630898 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 32.7  | 32.8  | 49.2#  |
| 54        | 36.2  | 40.6  | 60.8#  |



#24  
Nitrobenzene  
Concen: 37.824 ng  
RT: 9.23 min Scan# 1011  
Delta R.T. -0.00 min  
Lab File: BM016610.D  
Acq: 27 Aug 2018 17:15

| Tgt Ion   | 77    | Resp  | 309836 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 32.2  | 32.6  | 49.0#  |
| 65        | 15.6  | 10.9  | 16.3   |





#25

Isophorone

Concen: 44.119 ng

RT: 9.75 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

Instrument :

BNA\_M

ClientSampleId :

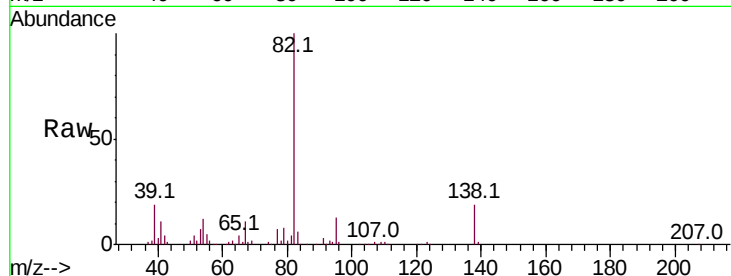
Tot Ion: 82 Resp: 483425

Ion Ratio Lower Upper

82 100

95 12.9 5.8 8.6#

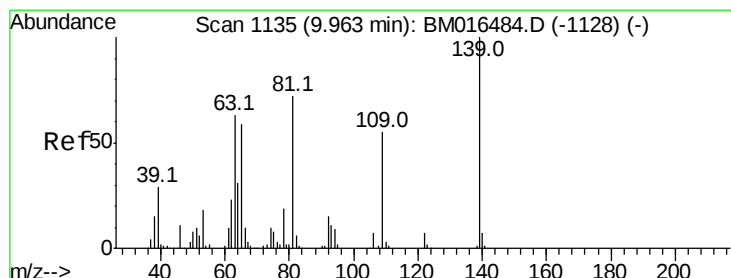
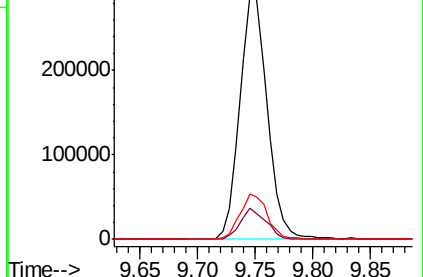
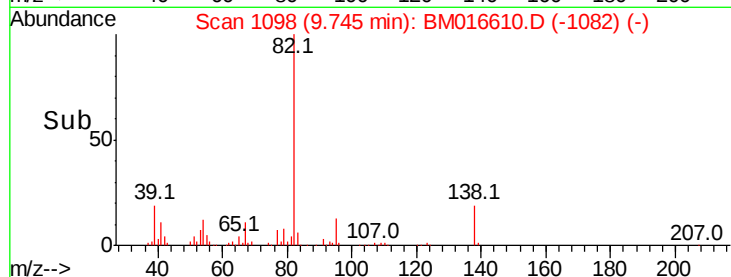
138 18.7 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM016610.D (-1098) (-)

Ion 95.00 (94.70 to 95.70): BM016610.D (-1098) (-)

Ion 138.00 (137.70 to 138.70): BM016610.D (-1098) (-)



#26

2-Nitrophenol

Concen: 34.426 ng

RT: 9.95 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

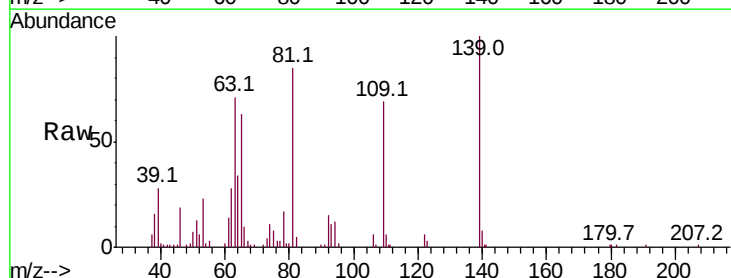
Tgt Ion: 139 Resp: 120558

Ion Ratio Lower Upper

139 100

109 68.7 20.1 30.1#

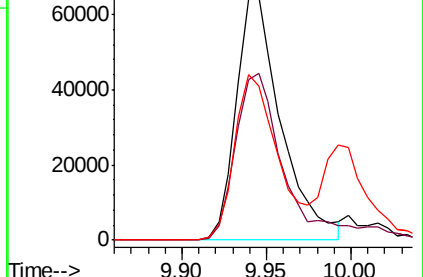
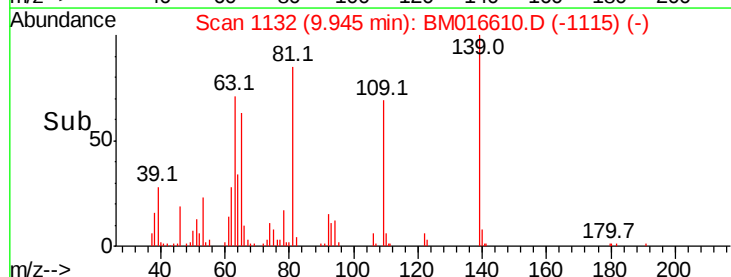
65 63.3 31.5 47.3#

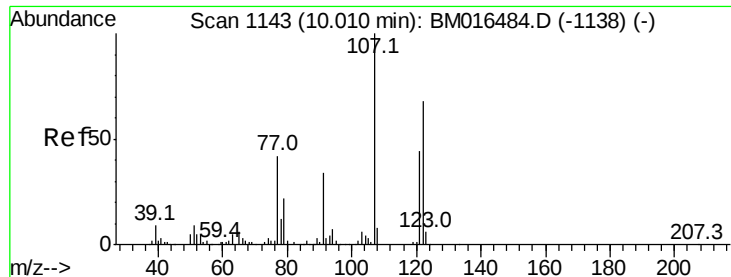


Abundance Ion 139.00 (138.70 to 139.70): BM016610.D (-1132) (-)

Ion 109.00 (108.70 to 109.70): BM016610.D (-1132) (-)

Ion 65.00 (64.70 to 65.70): BM016610.D (-1132) (-)

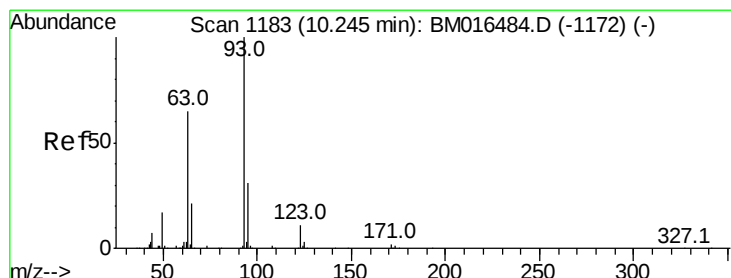
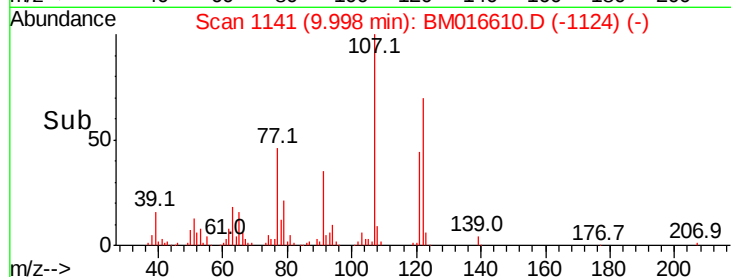
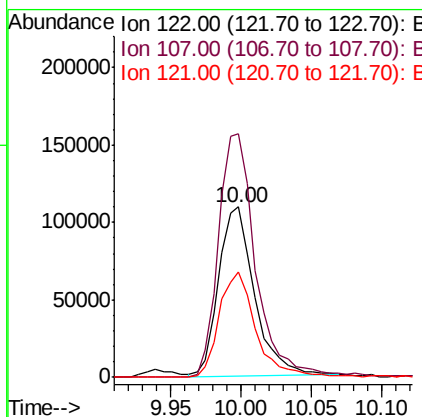
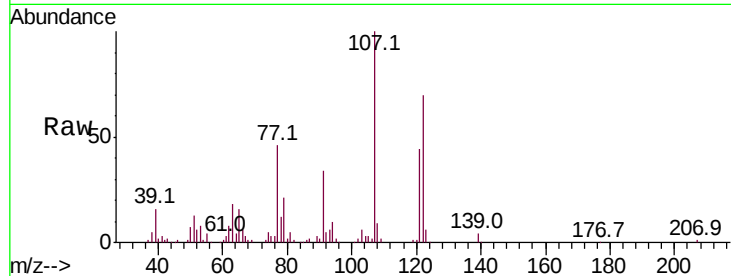




#27  
 2,4-Dimethylphenol  
 Concen: 42.415 ng  
 RT: 10.00 min Scan# 1141  
 Delta R.T. -0.00 min  
 Lab File: BM016610.D  
 Acq: 27 Aug 2018 17:15

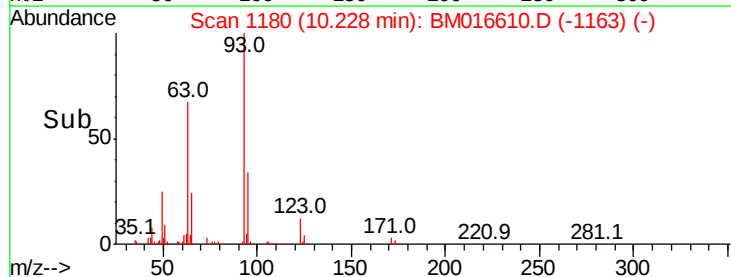
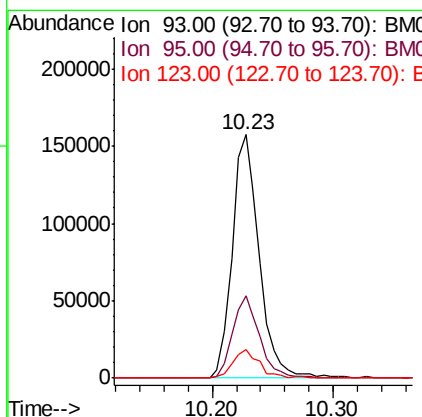
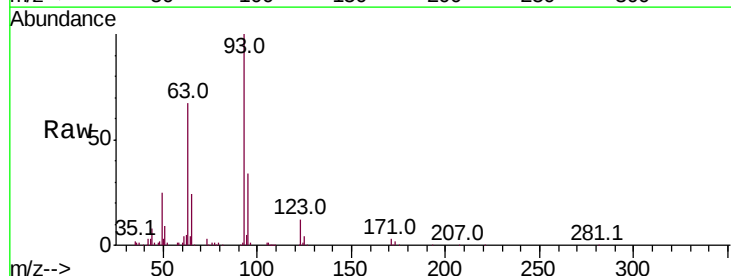
Instrument :  
 BNA\_M  
 ClientSampleId :

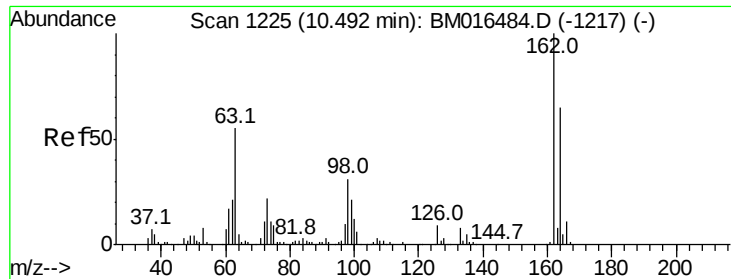
| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 107     | 143.0 | 84.7  | 127.1# |
| 121     | 62.2  | 46.6  | 69.8   |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 37.401 ng  
 RT: 10.23 min Scan# 1180  
 Delta R.T. -0.00 min  
 Lab File: BM016610.D  
 Acq: 27 Aug 2018 17:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 34.0  | 25.5  | 38.3  |
| 123     | 11.9  | 8.6   | 13.0  |





#29

2,4-Dichlorophenol

Concen: 42.756 ng

RT: 10.47 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

Instrument :

BNA\_M

ClientSampleId :

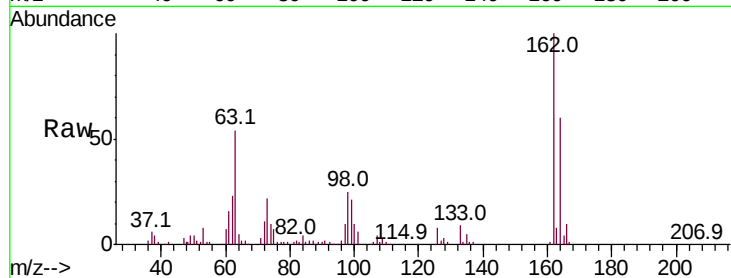
Tot Ion:162 Resp: 292028

Ion Ratio Lower Upper

162 100

164 59.6 42.8 82.8

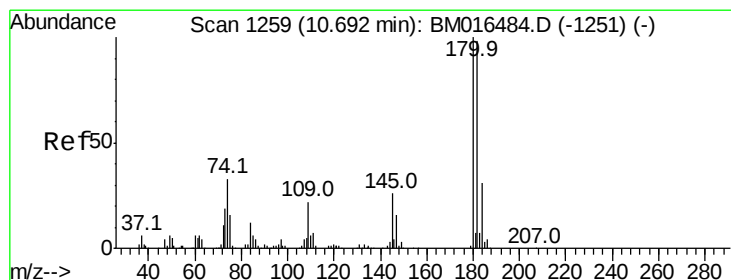
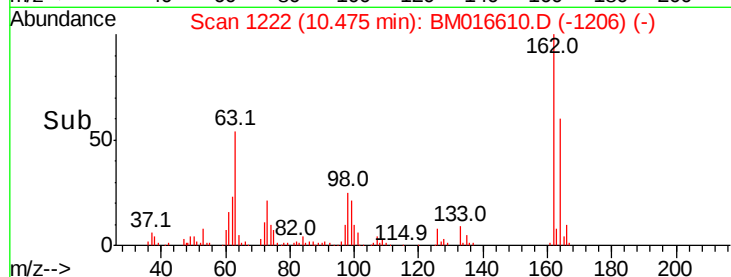
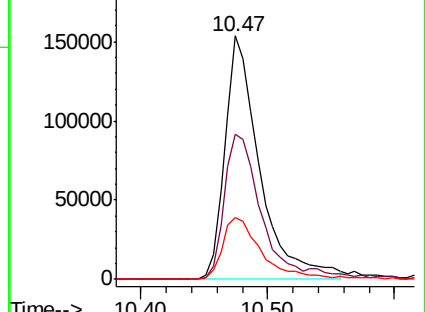
98 25.3 14.5 54.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 43.977 ng

RT: 10.67 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

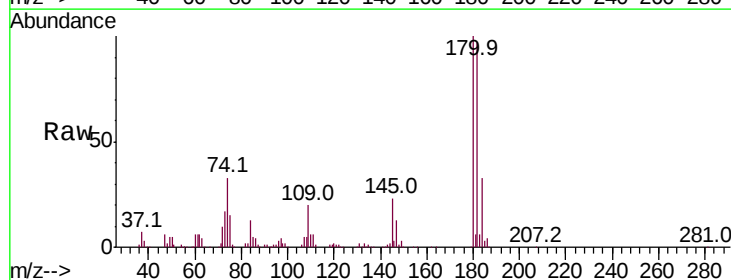
Tgt Ion:180 Resp: 455772

Ion Ratio Lower Upper

180 100

182 97.0 77.6 116.4

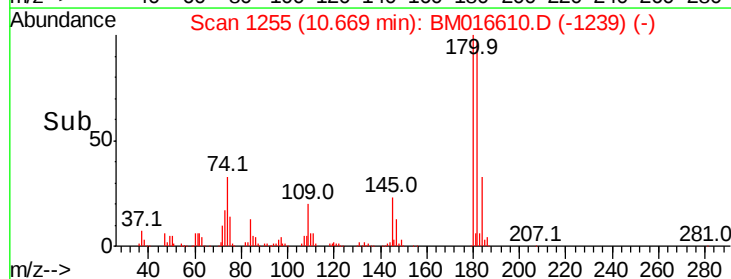
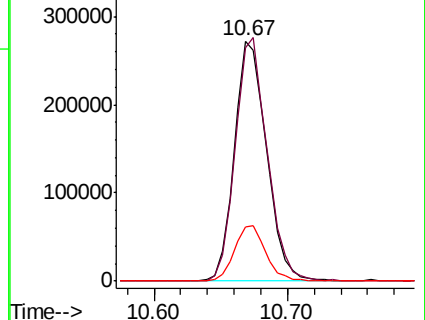
145 22.6 23.4 35.2#

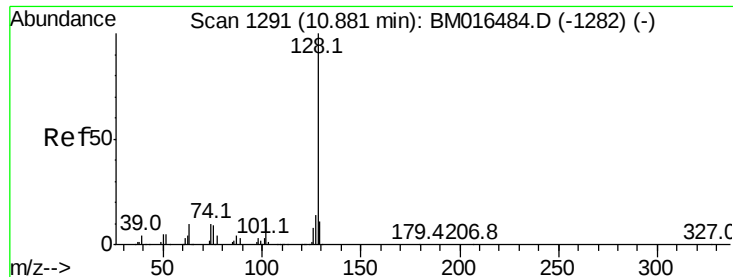


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

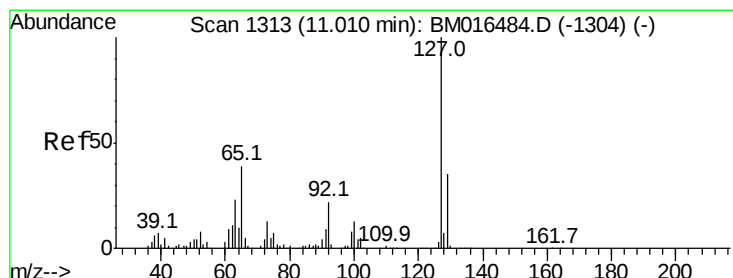
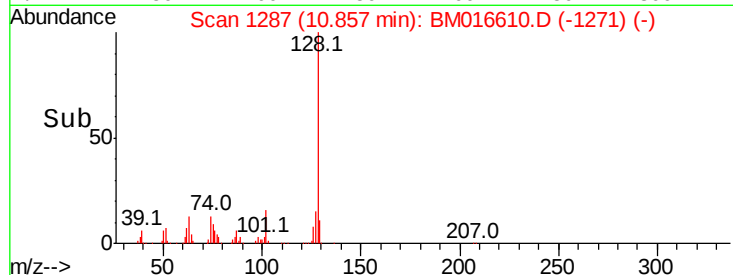
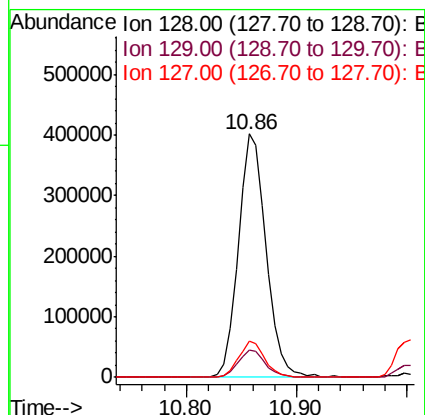
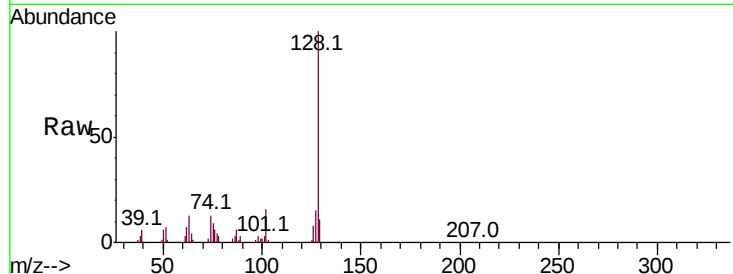




#31  
Naphthalene  
Concen: 39.805 ng  
RT: 10.86 min Scan# 1287  
Delta R.T. -0.01 min  
Lab File: BM016610.D  
Acq: 27 Aug 2018 17:15

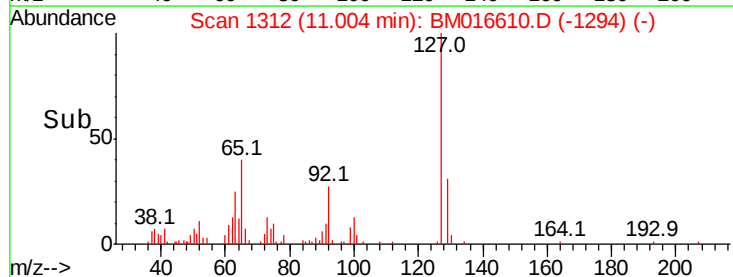
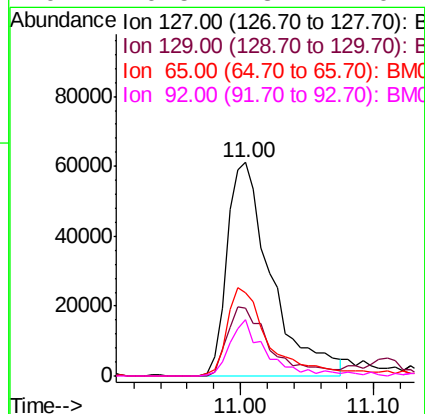
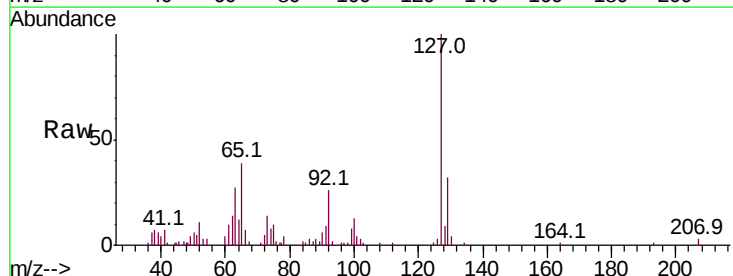
Instrument :  
BNA\_M  
ClientSampleId :

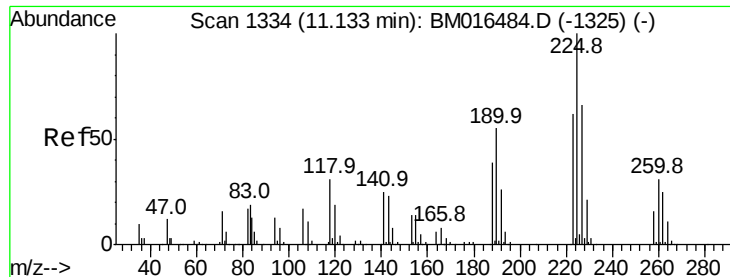
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.0  | 8.9   | 13.3  |
| 127     | 15.0  | 10.4  | 15.6  |



#33  
4-Chloroaniline  
Concen: 18.811 ng  
RT: 11.00 min Scan# 1312  
Delta R.T. 0.01 min  
Lab File: BM016610.D  
Acq: 27 Aug 2018 17:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.9  | 25.3  | 37.9  |
| 65      | 39.1  | 17.6  | 26.4# |
| 92      | 26.5  | 13.1  | 19.7# |

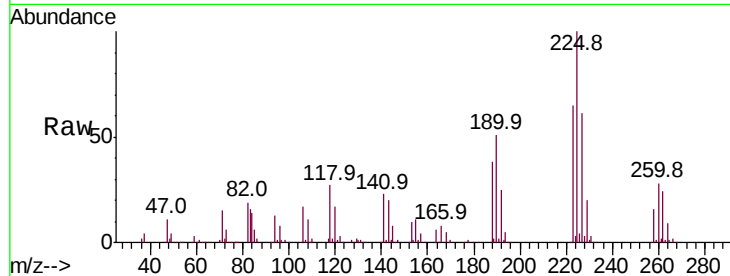




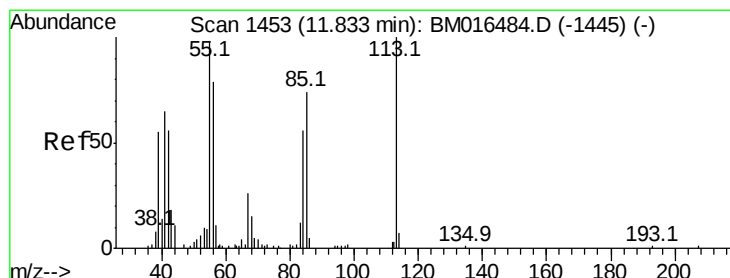
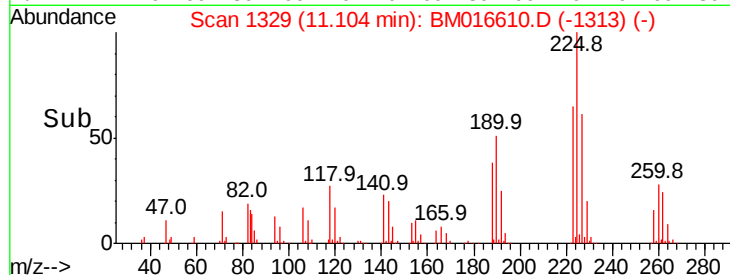
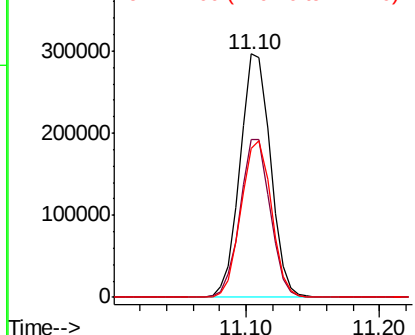
#34  
Hexachlorobutadiene  
Concen: 47.180 ng  
RT: 11.10 min Scan# 1329  
Delta R.T. -0.01 min  
Lab File: BM016610.D  
Acq: 27 Aug 2018 17:15

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:225 Resp: 466703  
Ion Ratio Lower Upper  
225 100  
223 64.7 47.9 71.9  
227 61.4 50.1 75.1

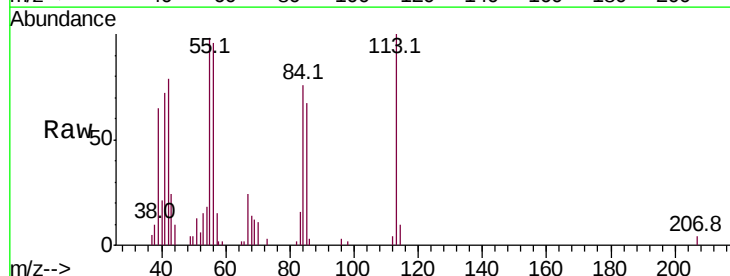


Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

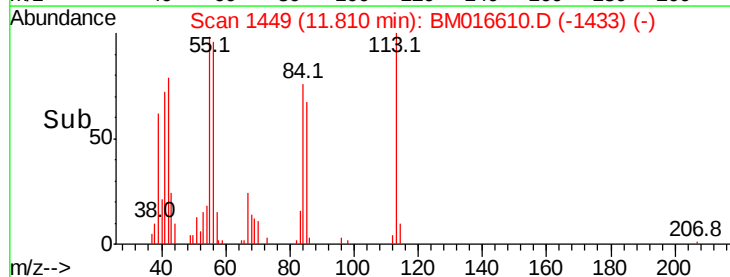
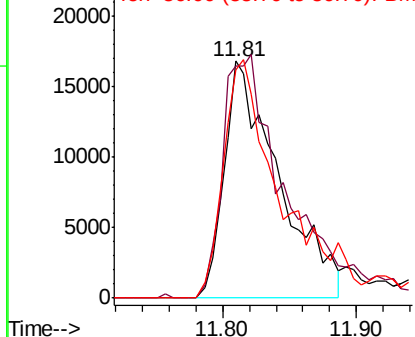


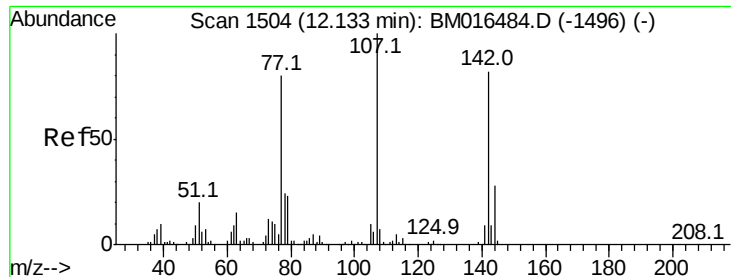
#35  
Caprolactam  
Concen: 29.099 ng  
RT: 11.81 min Scan# 1449  
Delta R.T. -0.01 min  
Lab File: BM016610.D  
Acq: 27 Aug 2018 17:15

Tgt Ion:113 Resp: 47691  
Ion Ratio Lower Upper  
113 100  
55 97.9 145.9 185.9#  
56 96.4 101.0 141.0#



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

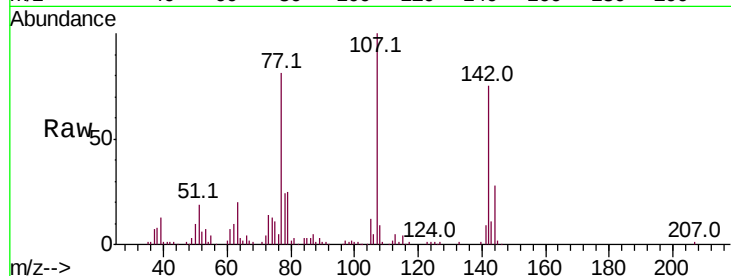




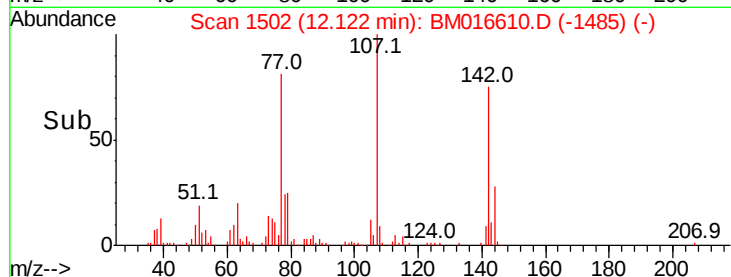
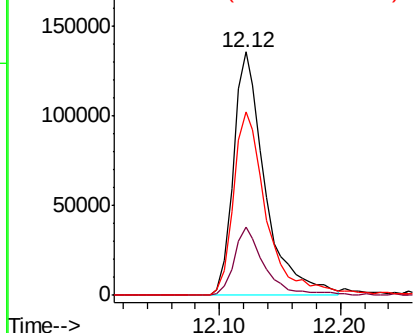
#36  
 4-Chloro-3-methylphenol  
 Concen: 37.642 ng  
 RT: 12.12 min Scan# 1502  
 Delta R.T. -0.00 min  
 Lab File: BM016610.D  
 Acq: 27 Aug 2018 17:15

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:107 Resp: 247166  
 Ion Ratio Lower Upper  
 107 100  
 144 27.9 23.3 34.9  
 142 75.2 72.6 109.0

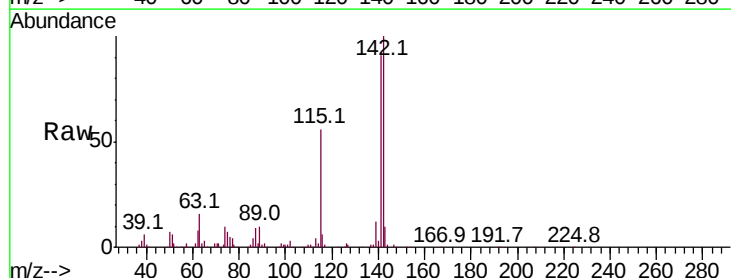
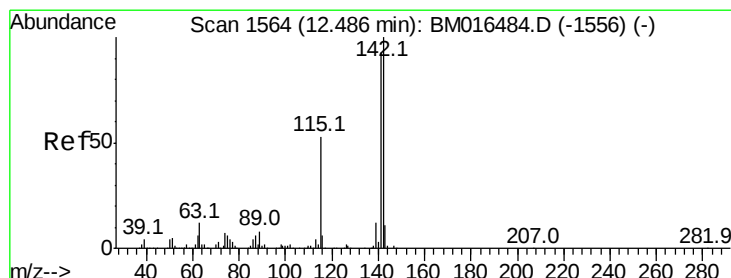


Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E

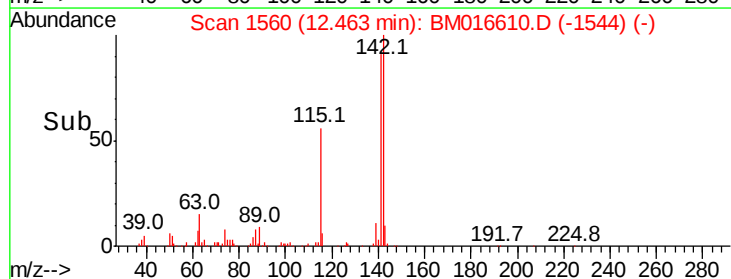
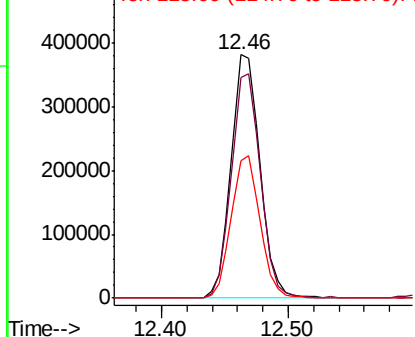


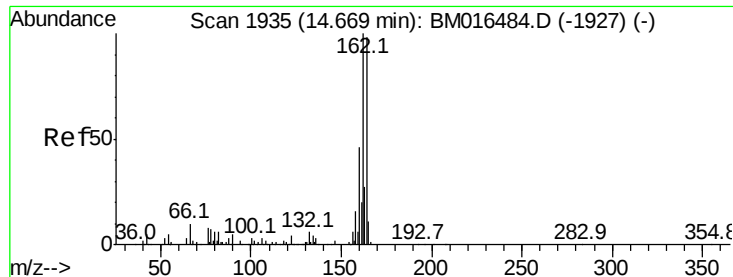
#37  
 2-Methylnaphthalene  
 Concen: 43.172 ng  
 RT: 12.46 min Scan# 1560  
 Delta R.T. -0.01 min  
 Lab File: BM016610.D  
 Acq: 27 Aug 2018 17:15

Tgt Ion:142 Resp: 602768  
 Ion Ratio Lower Upper  
 142 100  
 141 90.5 71.9 107.9  
 115 56.3 25.4 38.0#



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

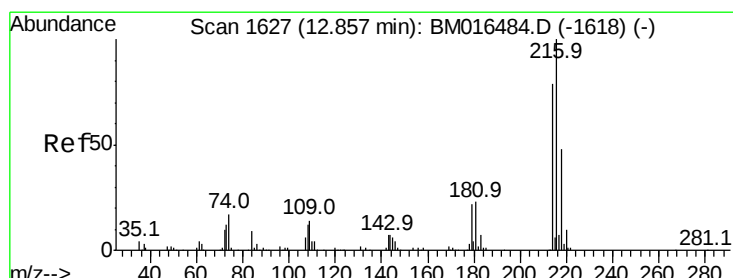
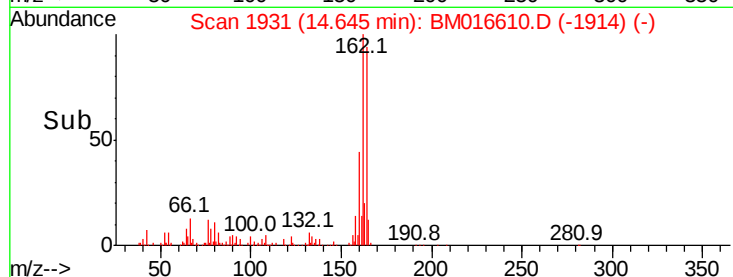
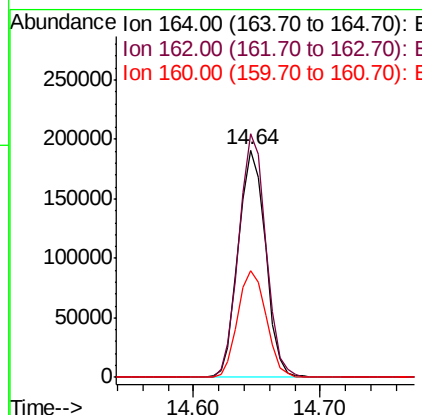
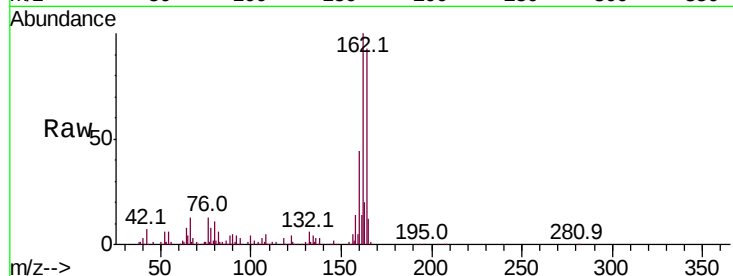




#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.64 min Scan# 1931  
 Delta R.T. -0.00 min  
 Lab File: BM016610.D  
 Acq: 27 Aug 2018 17:15

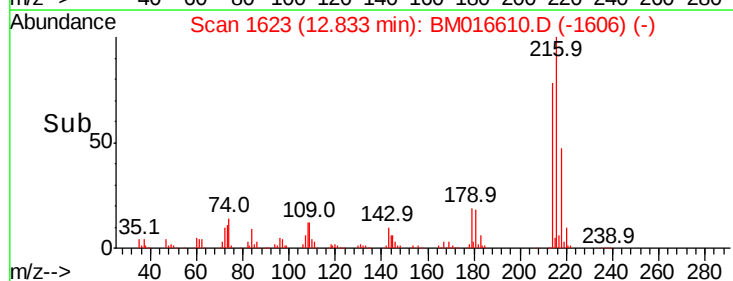
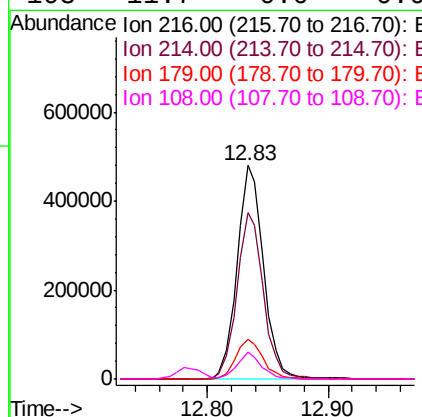
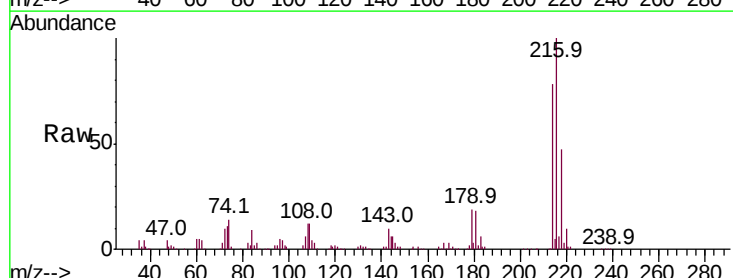
Instrument :  
 BNA\_M  
 ClientSampleId :

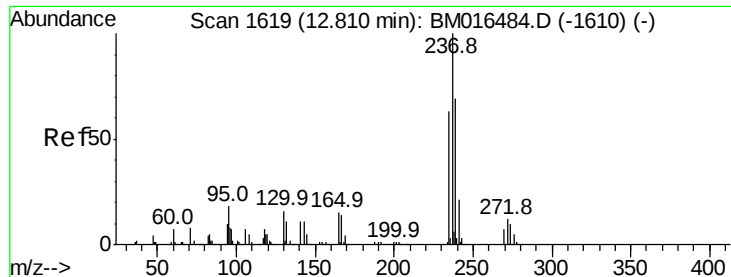
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 107.0 | 82.4  | 123.6 |
| 160     | 47.1  | 35.8  | 53.6  |



#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 45.788 ng  
 RT: 12.83 min Scan# 1623  
 Delta R.T. -0.00 min  
 Lab File: BM016610.D  
 Acq: 27 Aug 2018 17:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 77.9  | 0.0   | 0.0#  |
| 179     | 19.3  | 0.0   | 0.0#  |
| 108     | 11.7  | 0.0   | 0.0#  |

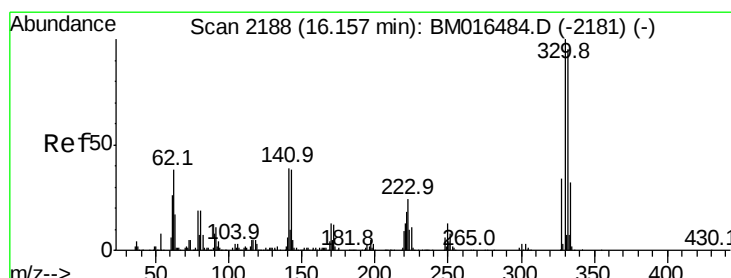
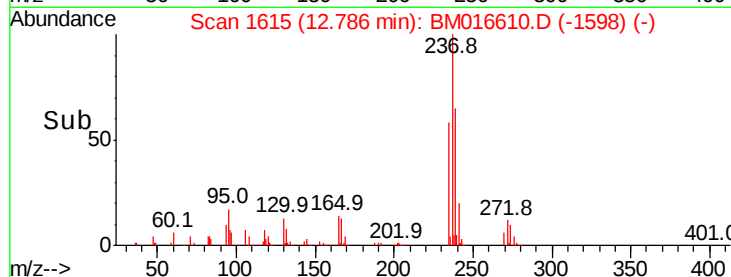
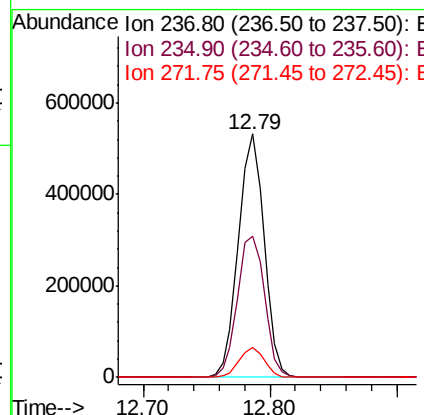
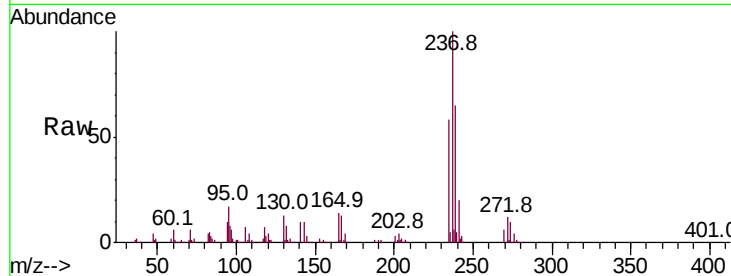




#40  
Hexachlorocyclopentadiene  
Concen: 95.653 ng  
RT: 12.79 min Scan# 1615  
Delta R.T. -0.00 min  
Lab File: BM016610.D  
Acq: 27 Aug 2018 17:15

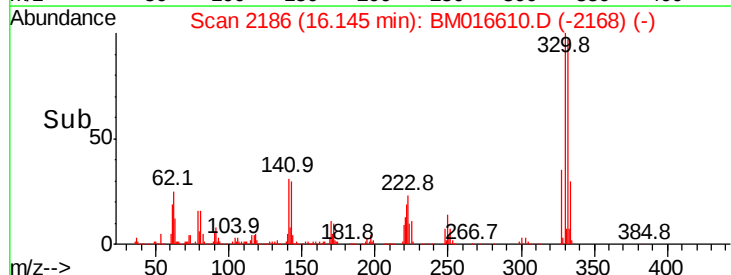
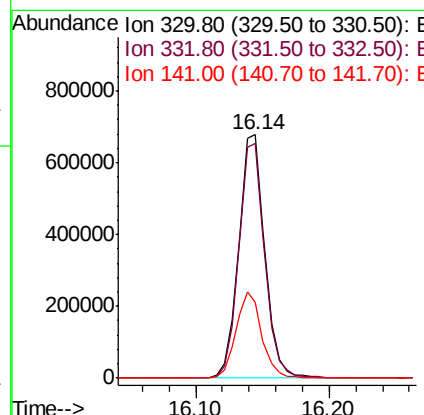
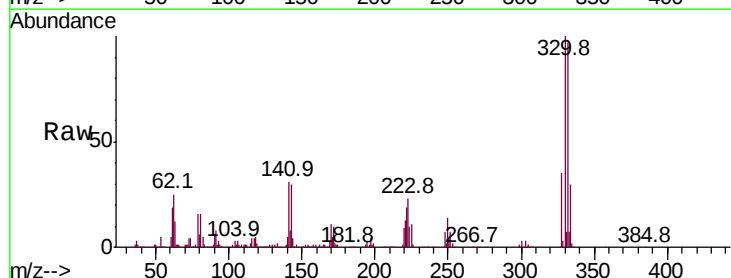
Instrument :  
BNA\_M  
ClientSampleId :

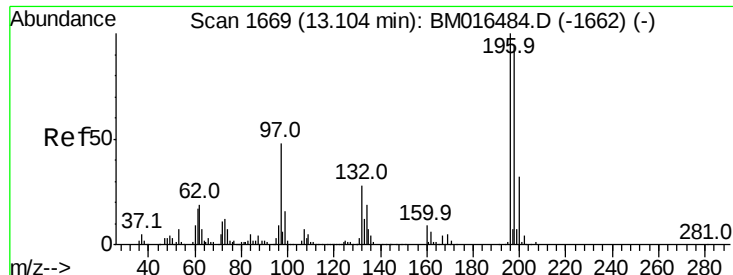
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 58.0  | 42.0  | 82.0  |
| 272     | 12.2  | 0.0   | 33.4  |



#41  
2,4,6-Tribromophenol  
Concen: 116.773 ng  
RT: 16.14 min Scan# 2186  
Delta R.T. 0.01 min  
Lab File: BM016610.D  
Acq: 27 Aug 2018 17:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.5  | 0.0   | 0.0#  |
| 141     | 35.2  | 0.0   | 0.0#  |





#42

2,4,6-Trichlorophenol

Concen: 43.122 ng

RT: 13.09 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

Instrument :

BNA\_M

ClientSampleId :

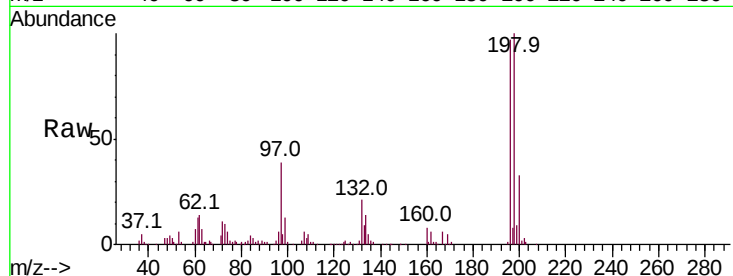
Tot Ion:196 Resp: 411917

Ion Ratio Lower Upper

196 100

198 103.4 76.3 114.5

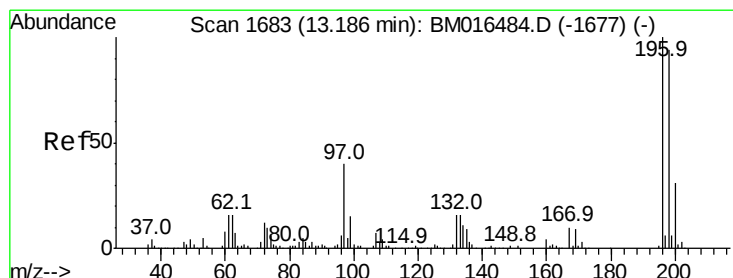
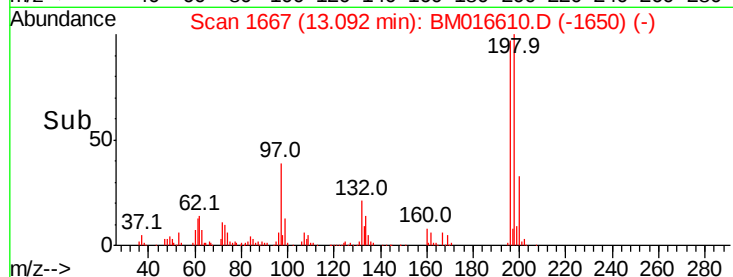
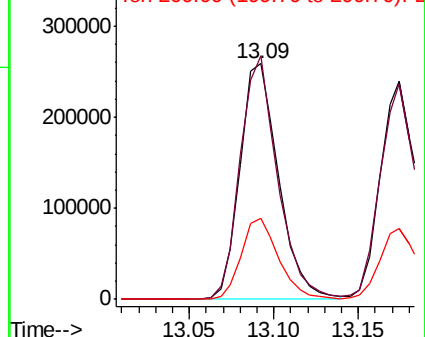
200 34.2 25.6 38.4



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 42.952 ng

RT: 13.17 min Scan# 1681

Delta R.T. -0.00 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

Tgt Ion:196 Resp: 400779

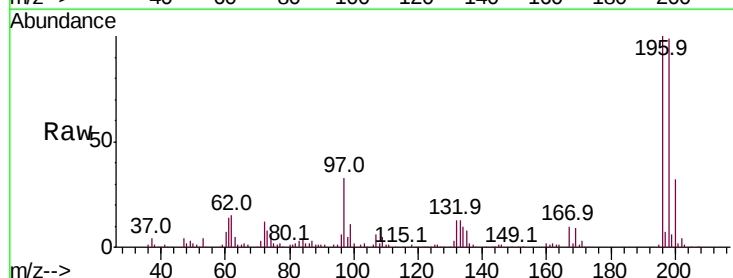
Ion Ratio Lower Upper

196 100

198 98.9 79.4 119.0

97 32.8 26.8 40.2

132 13.1 18.6 28.0#

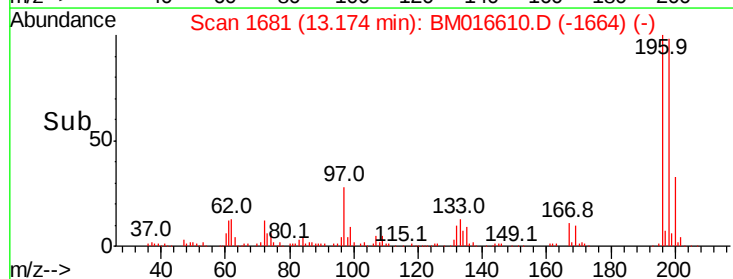
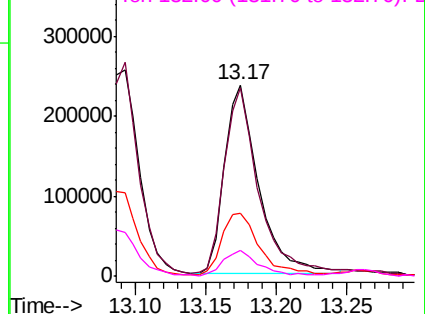


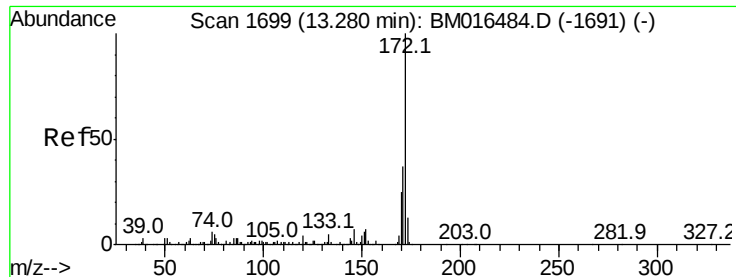
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E

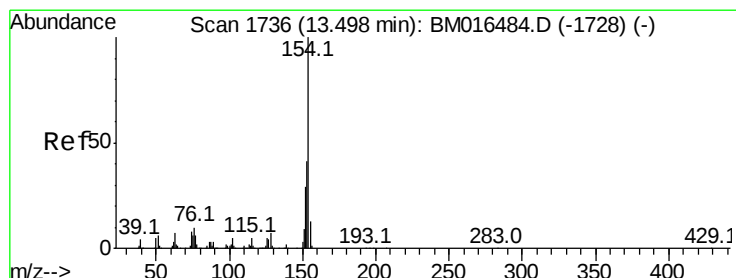
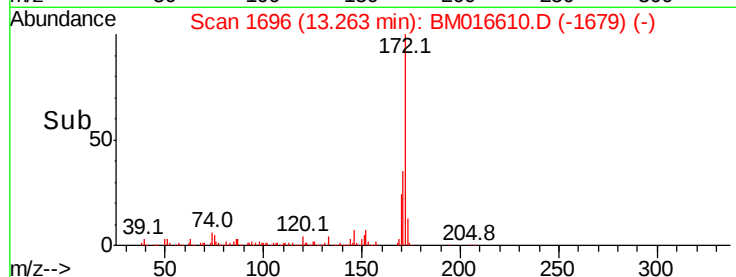
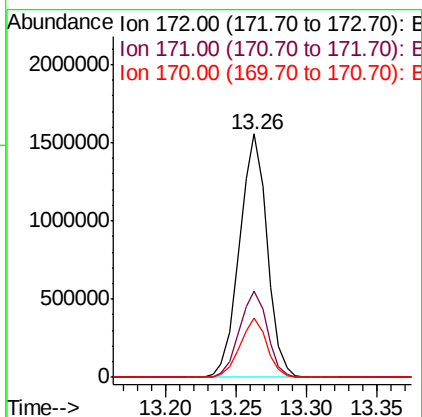
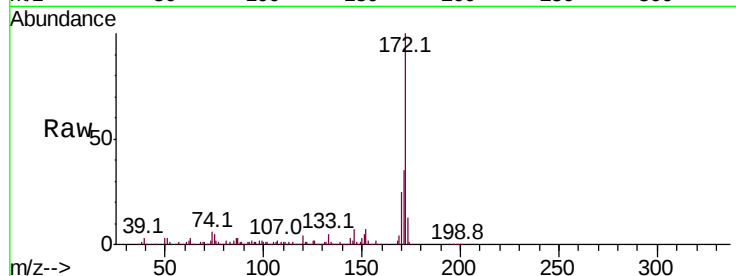




#44  
2-Fluorobiphenyl  
Concen: 72.204 ng  
RT: 13.26 min Scan# 1696  
Delta R.T. -0.00 min  
Lab File: BM016610.D  
Acq: 27 Aug 2018 17:15

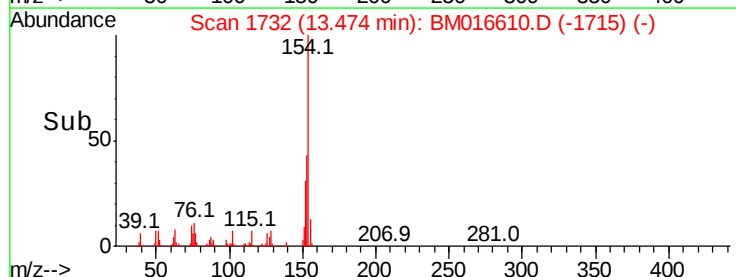
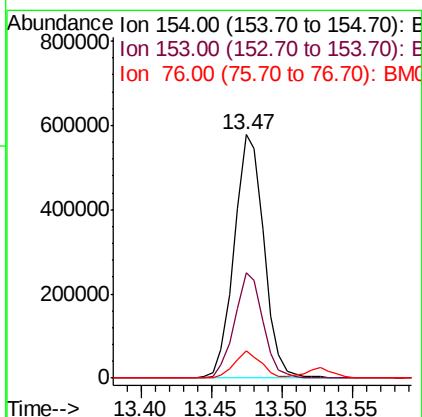
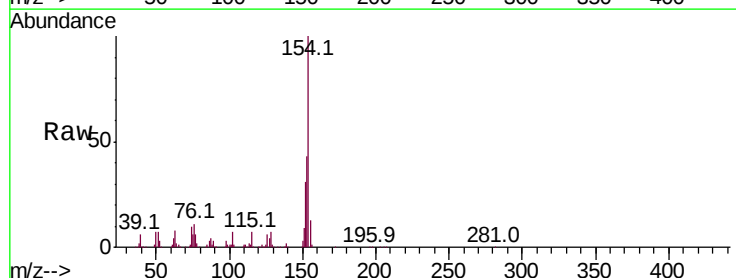
Instrument :  
BNA\_M  
ClientSampleId :

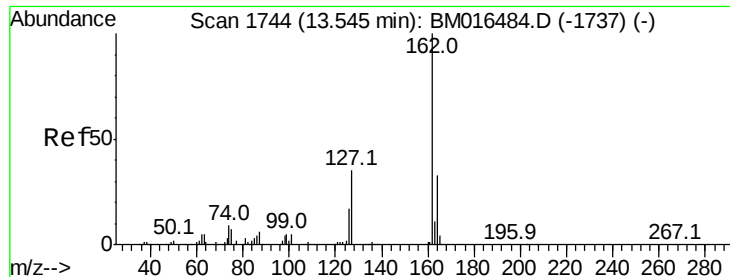
Tot Ion:172 Resp: 2124615  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.5 42.7  
170 24.6 18.8 28.2



#45  
1,1'-Biphenyl  
Concen: 34.152 ng  
RT: 13.47 min Scan# 1732  
Delta R.T. -0.00 min  
Lab File: BM016610.D  
Acq: 27 Aug 2018 17:15

Tgt Ion:154 Resp: 846988  
Ion Ratio Lower Upper  
154 100  
153 43.1 20.7 60.7  
76 11.0 0.0 30.9

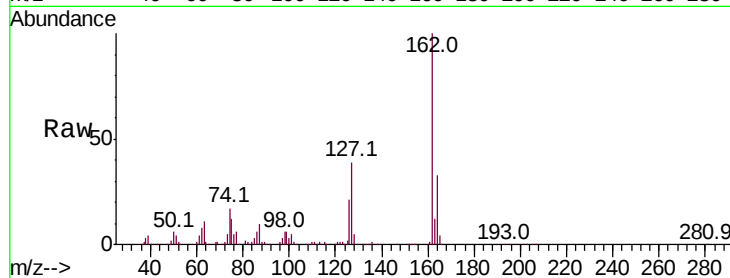




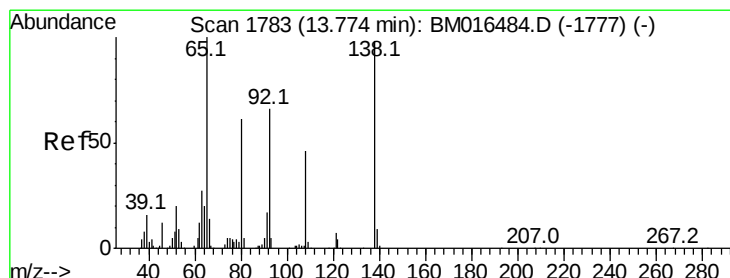
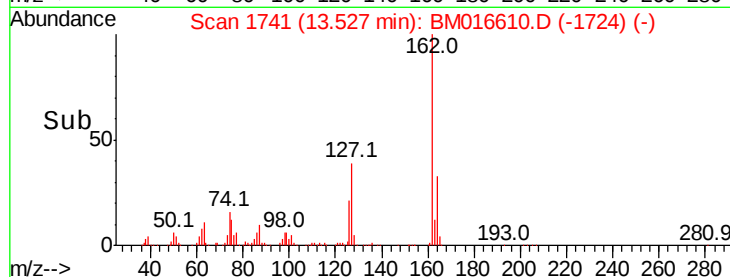
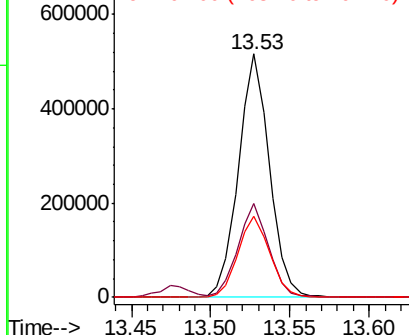
#46  
2-Chloronaphthalene  
Concen: 34.793 ng  
RT: 13.53 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: BM016610.D  
Acq: 27 Aug 2018 17:15

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.8  | 26.9  | 40.3  |
| 164     | 33.5  | 26.8  | 40.2  |

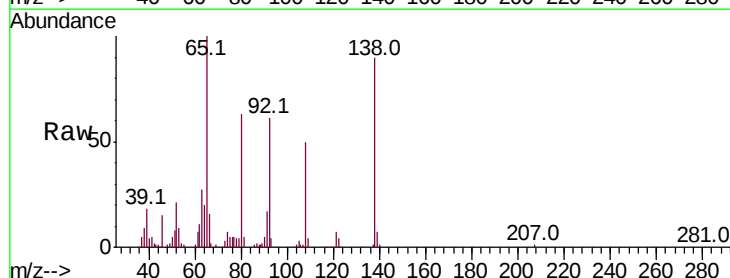


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

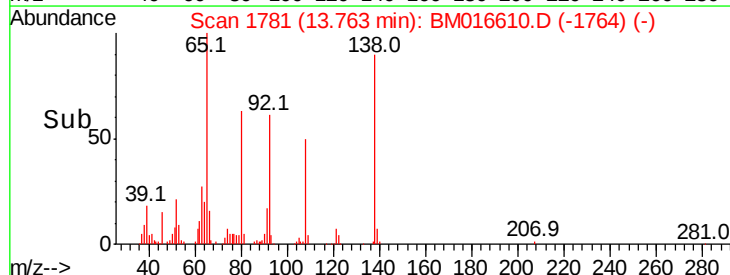
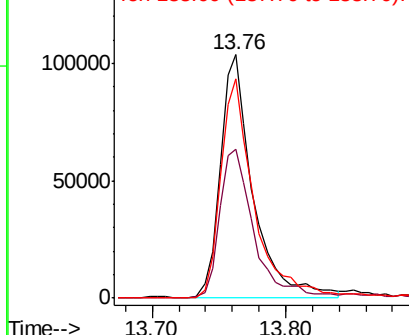


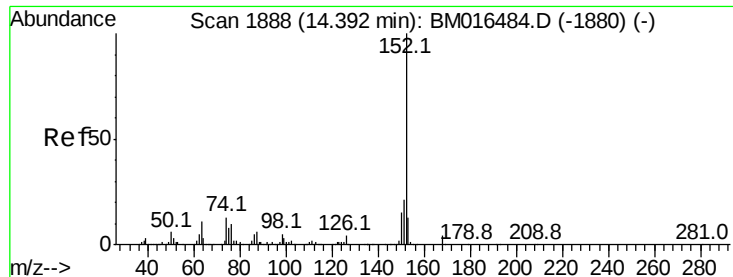
#47  
2-Nitroaniline  
Concen: 33.310 ng  
RT: 13.76 min Scan# 1781  
Delta R.T. -0.00 min  
Lab File: BM016610.D  
Acq: 27 Aug 2018 17:15

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 65      | 100   |       |        |
| 92      | 60.9  | 59.1  | 88.7   |
| 138     | 90.3  | 93.9  | 140.9# |



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





#48

Acenaphthylene

Concen: 36.347 ng

RT: 14.37 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

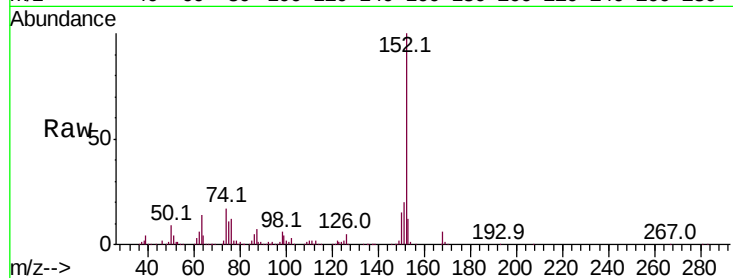
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:152 Resp: 1033774

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 19.8  | 15.9  | 23.9  |
| 153 | 12.2  | 10.6  | 16.0  |

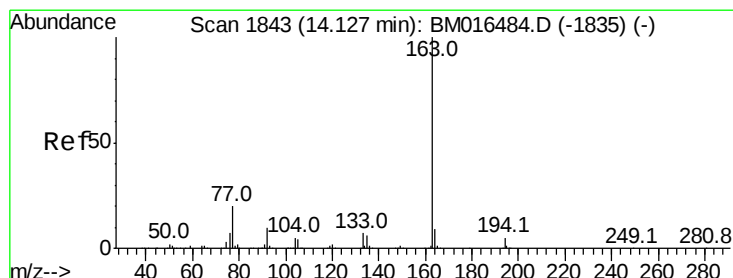
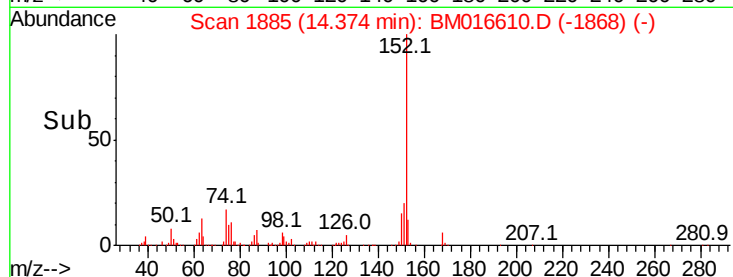
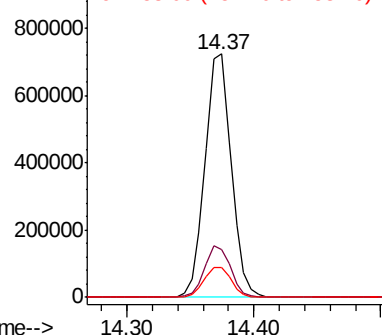


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 46.335 ng

RT: 14.11 min Scan# 1840

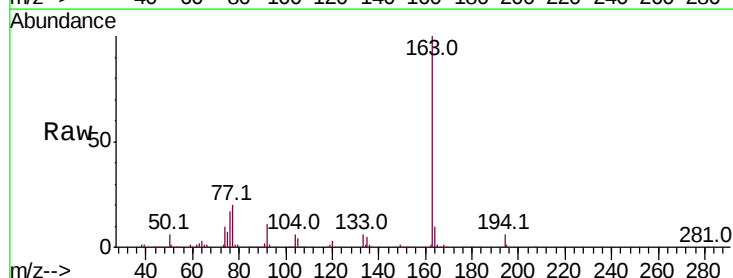
Delta R.T. -0.00 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

Tgt Ion:163 Resp: 1259077

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 6.0   | 2.7   | 4.1#  |
| 164 | 10.3  | 8.2   | 12.2  |

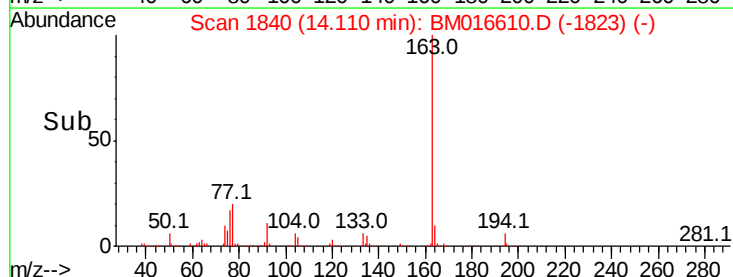
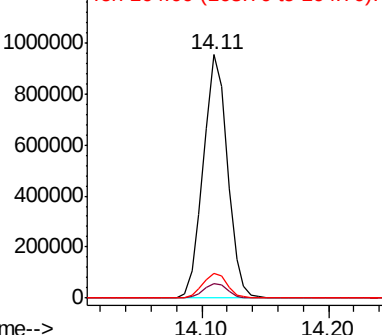


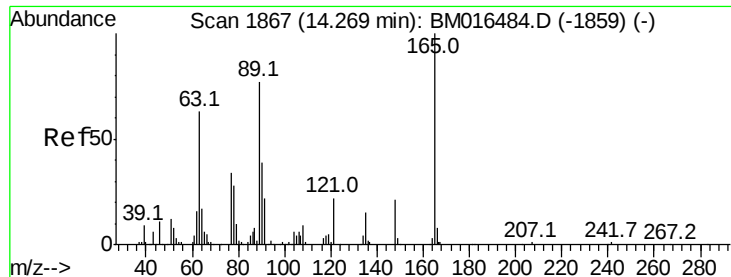
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

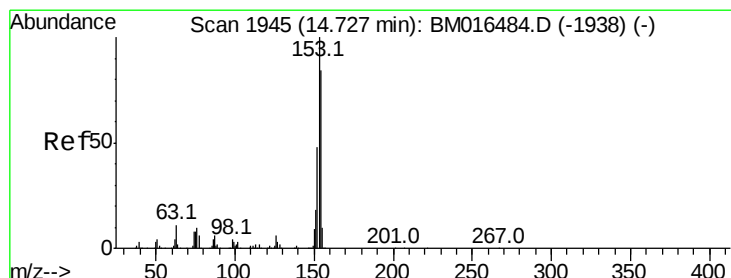
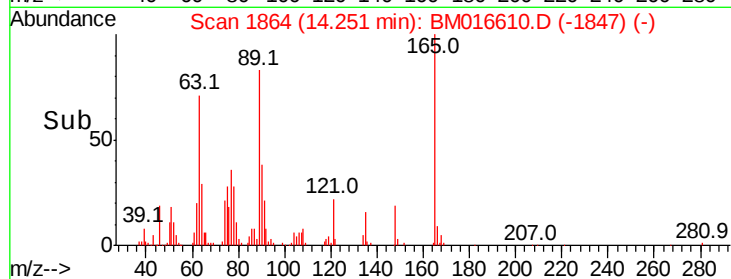
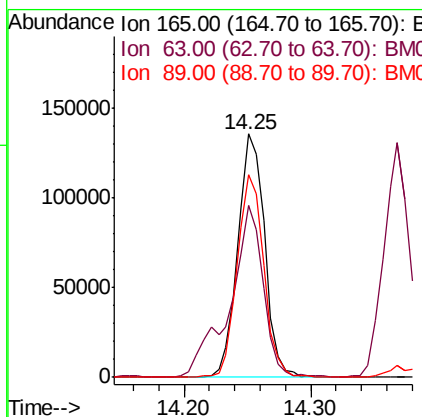
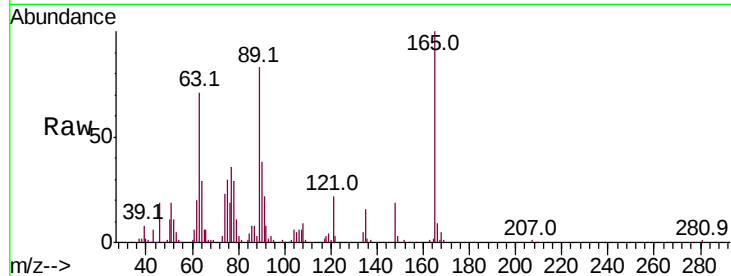




#50  
 2,6-Dinitrotoluene  
 Concen: 37.406 ng  
 RT: 14.25 min Scan# 1864  
 Delta R.T. -0.00 min  
 Lab File: BM016610.D  
 Acq: 27 Aug 2018 17:15

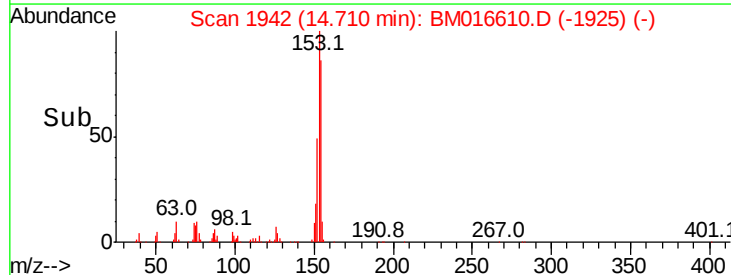
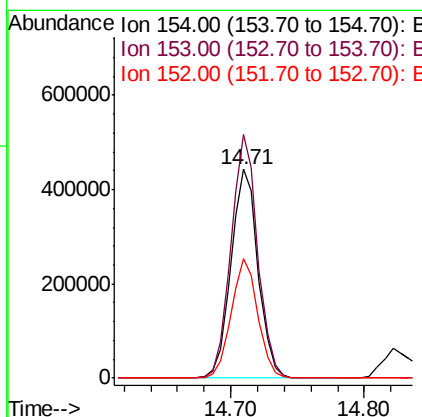
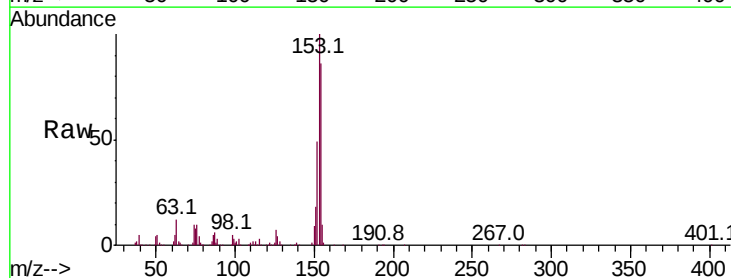
Instrument :  
 BNA\_M  
 ClientSampleId :

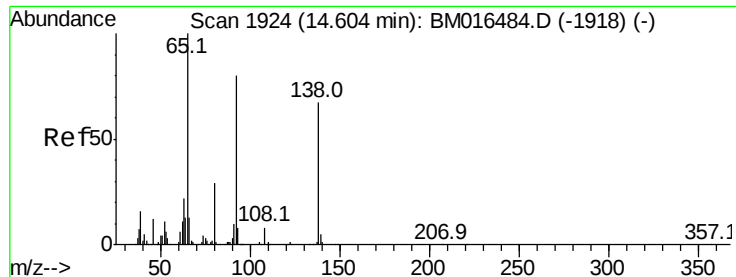
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 70.5  | 44.1  | 66.1# |
| 89      | 83.0  | 44.3  | 66.5# |



#51  
 Acenaphthene  
 Concen: 35.809 ng  
 RT: 14.71 min Scan# 1942  
 Delta R.T. -0.00 min  
 Lab File: BM016610.D  
 Acq: 27 Aug 2018 17:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 116.8 | 90.0  | 135.0 |
| 152     | 57.3  | 42.6  | 63.8  |

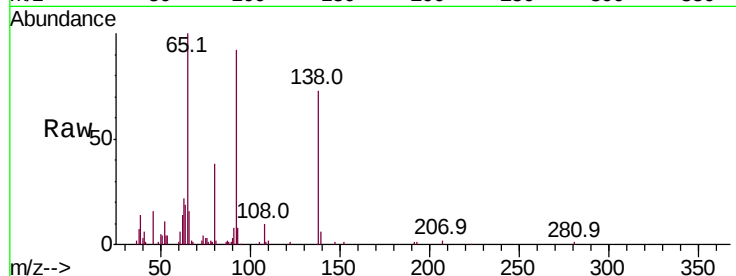




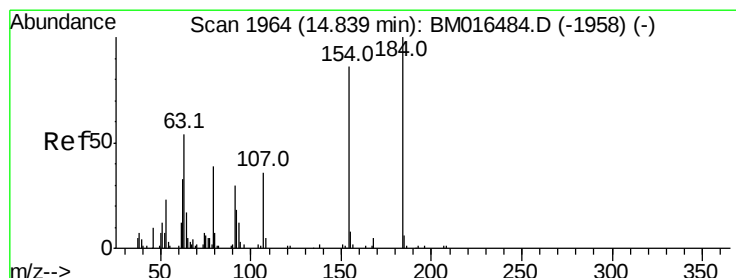
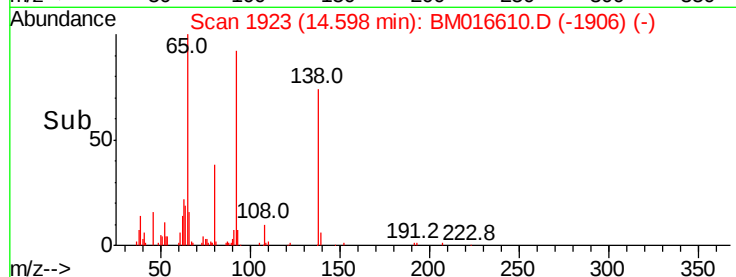
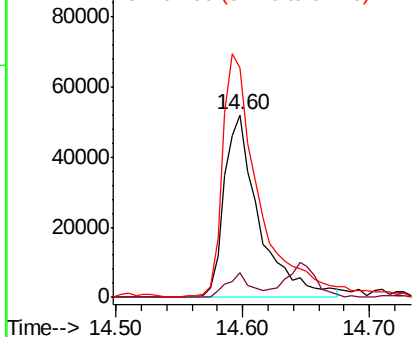
#52  
 3-Nitroaniline  
 Concen: 20.629 ng  
 RT: 14.60 min Scan# 1923  
 Delta R.T. -0.00 min  
 Lab File: BM016610.D  
 Acq: 27 Aug 2018 17:15

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:138 Resp: 99487  
 Ion Ratio Lower Upper  
 138 100  
 108 13.2 7.3 10.9#  
 92 125.5 76.6 114.8#

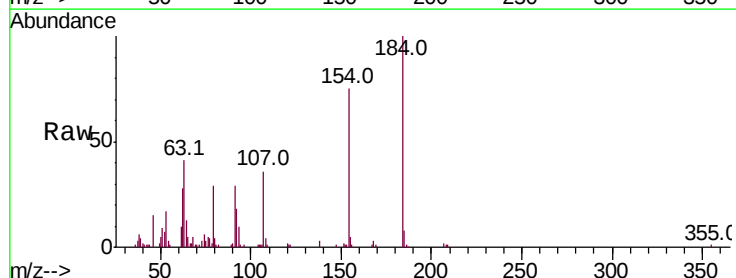


Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 108.00 (107.70 to 108.70): E  
 Ion 92.00 (91.70 to 92.70): BM

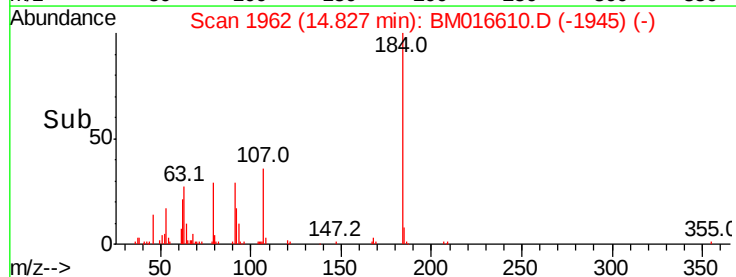
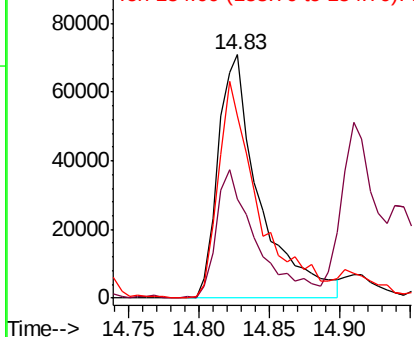


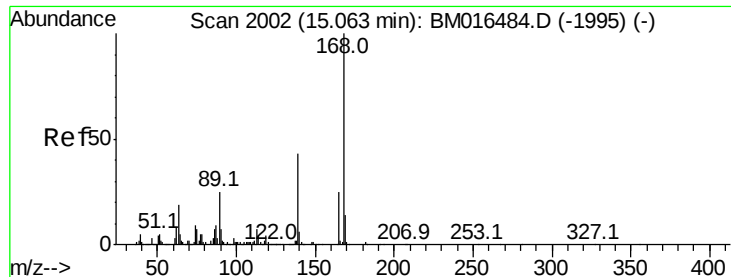
#53  
 2,4-Dinitrophenol  
 Concen: 54.705 ng  
 RT: 14.83 min Scan# 1962  
 Delta R.T. -0.00 min  
 Lab File: BM016610.D  
 Acq: 27 Aug 2018 17:15

Tgt Ion:184 Resp: 145098  
 Ion Ratio Lower Upper  
 184 100  
 63 40.8 69.2 103.8#  
 154 74.7 53.3 79.9



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





#54

Dibenzofuran

Concen: 37.718 ng

RT: 15.04 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

Instrument :

BNA\_M

ClientSampleId :

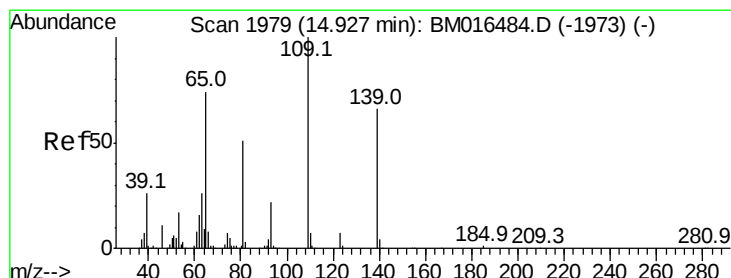
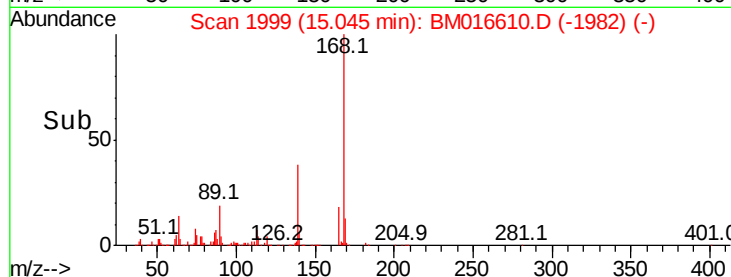
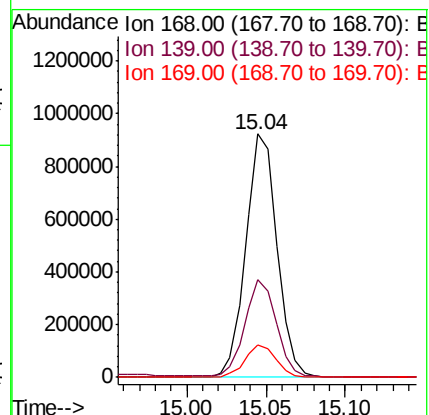
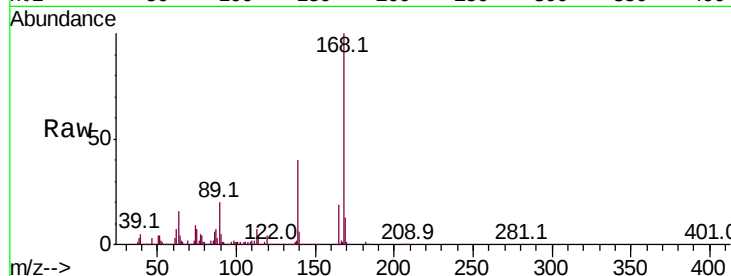
Tot Ion:168 Resp: 1261650

Ion Ratio Lower Upper

168 100

139 40.3 27.3 40.9

169 13.3 10.6 16.0



#55

4-Nitrophenol

Concen: 60.895 ng

RT: 14.92 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

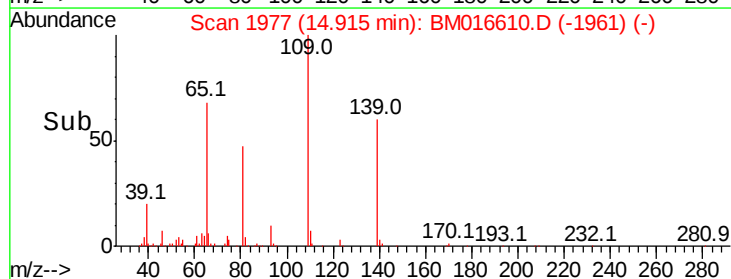
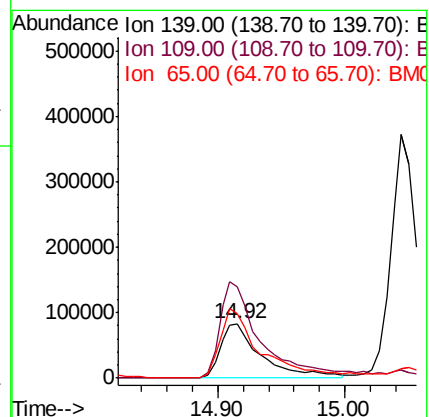
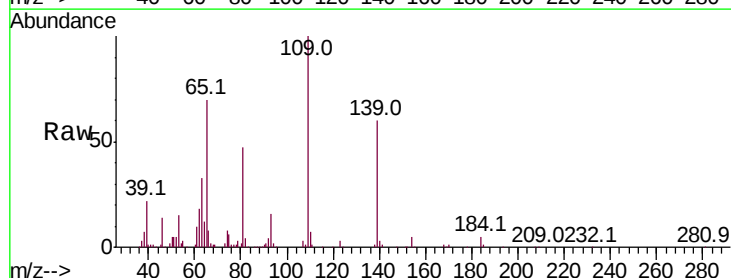
Tgt Ion:139 Resp: 187309

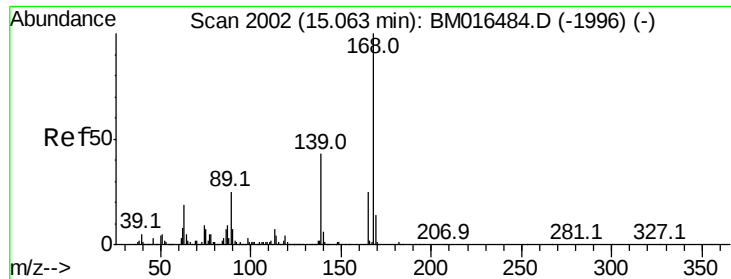
Ion Ratio Lower Upper

139 100

109 167.2 130.0 170.0

65 117.1 130.0 170.0#

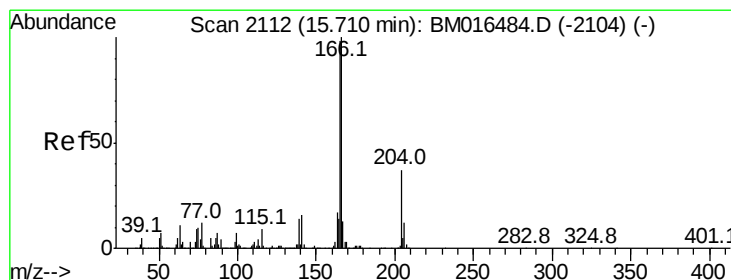
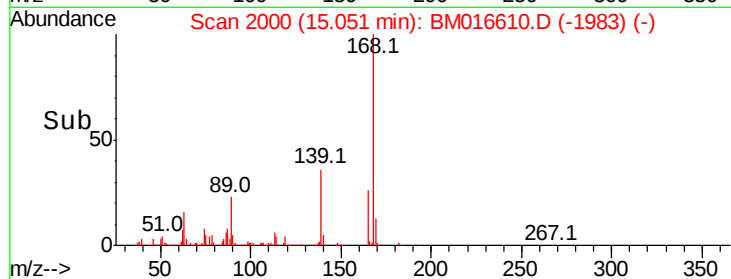
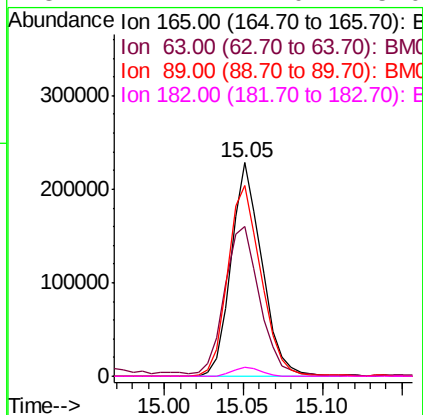
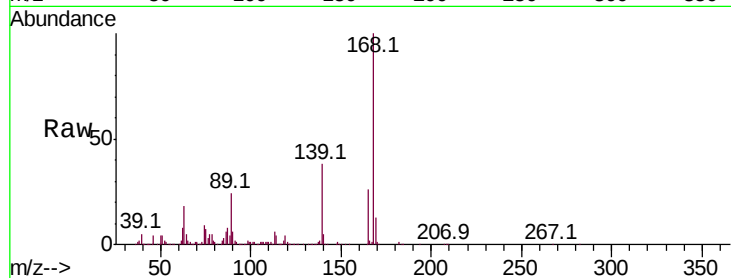




#56  
 2,4-Dinitrotoluene  
 Concen: 34.645 ng  
 RT: 15.05 min Scan# 2000  
 Delta R.T. -0.00 min  
 Lab File: BM016610.D  
 Acq: 27 Aug 2018 17:15

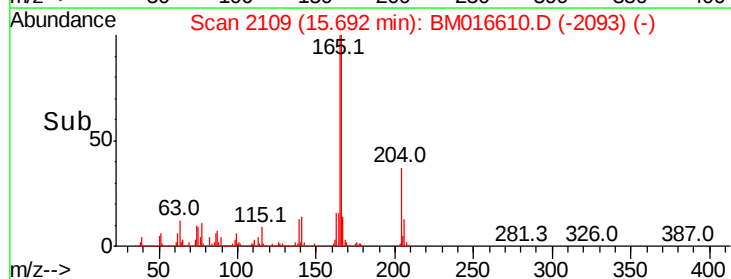
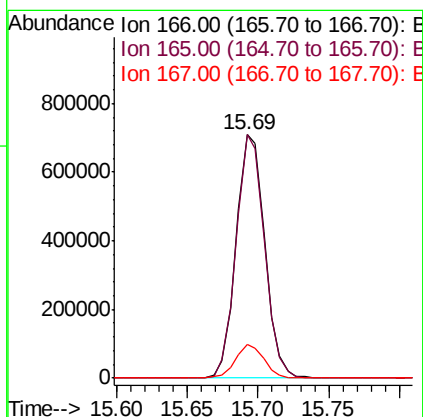
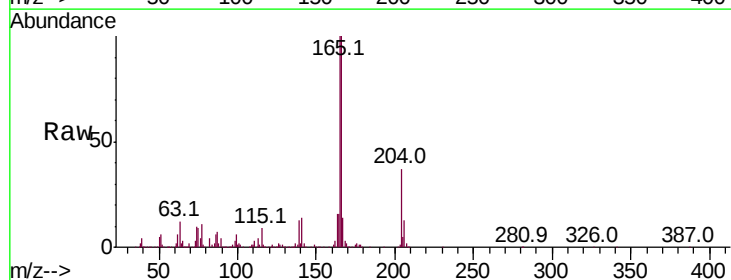
Instrument :  
 BNA\_M  
 ClientSampleId :

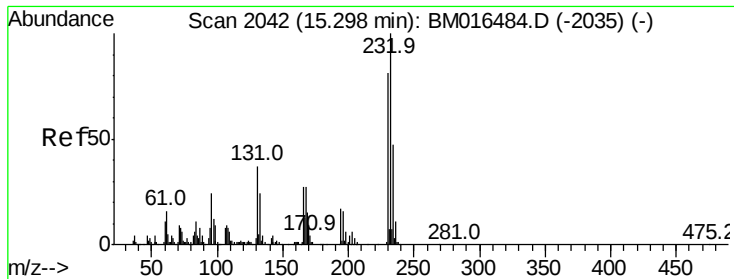
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 70.0  | 52.4  | 78.6  |
| 89      | 89.4  | 72.4  | 108.6 |
| 182     | 4.2   | 2.0   | 3.0   |



#57  
 Fluorene  
 Concen: 39.877 ng  
 RT: 15.69 min Scan# 2109  
 Delta R.T. -0.01 min  
 Lab File: BM016610.D  
 Acq: 27 Aug 2018 17:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.8  | 79.0  | 118.4 |
| 167     | 13.7  | 10.3  | 15.5  |

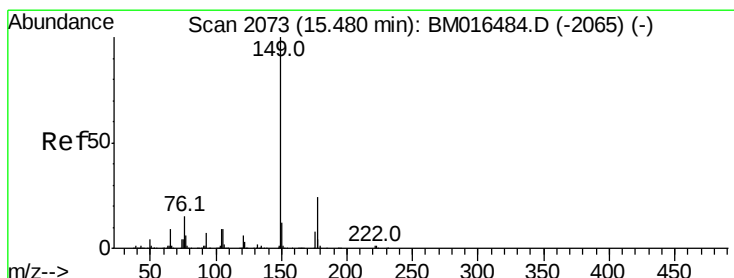
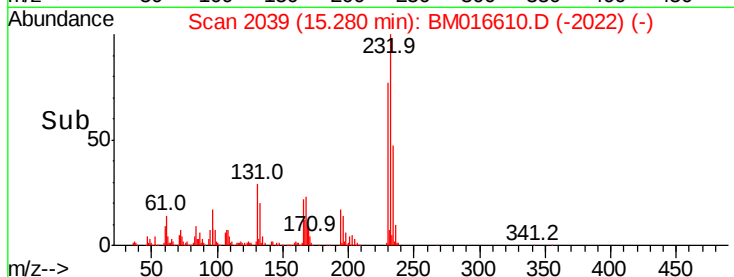
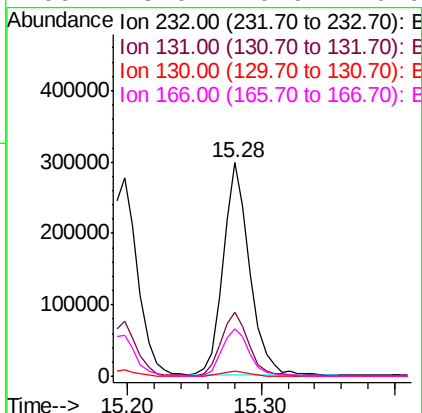
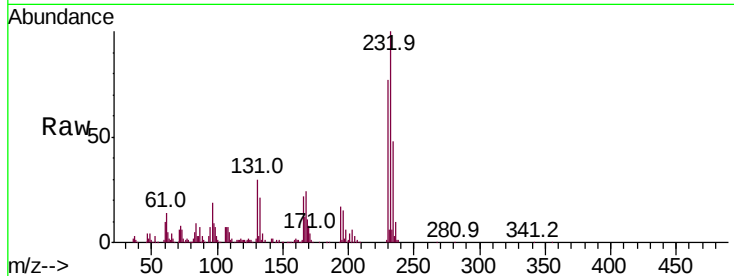




#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 45.993 ng  
 RT: 15.28 min Scan# 2039  
 Delta R.T. -0.00 min  
 Lab File: BM016610.D  
 Acq: 27 Aug 2018 17:15

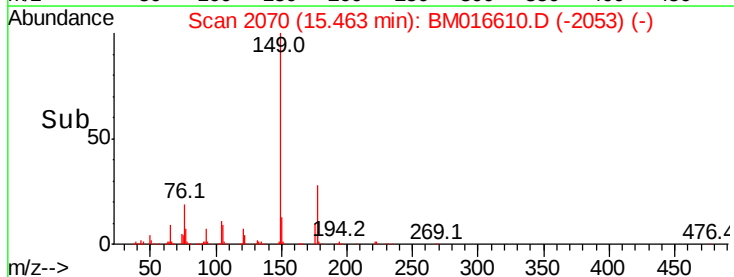
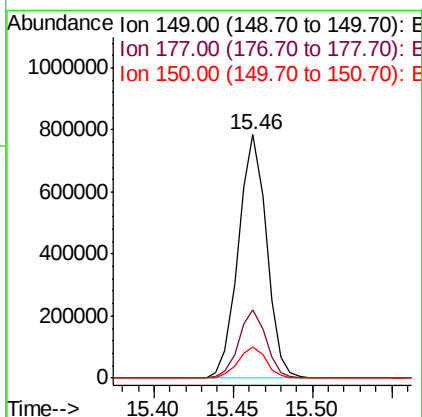
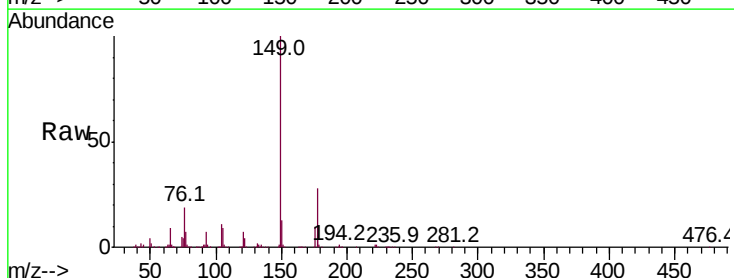
Instrument :  
 BNA\_M  
 ClientSampleId :

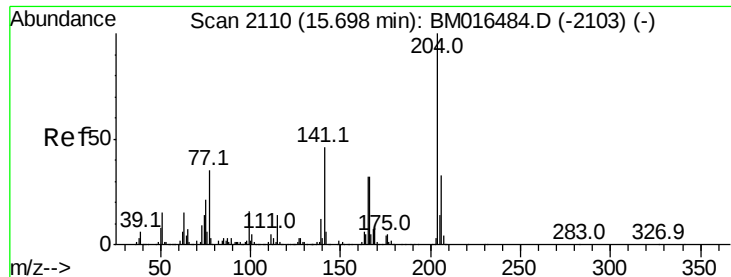
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 30.5  | 0.0   | 0.0#  |
| 130     | 2.4   | 0.0   | 0.0#  |
| 166     | 23.0  | 0.0   | 0.0#  |



#59  
 Diethylphthalate  
 Concen: 34.144 ng  
 RT: 15.46 min Scan# 2070  
 Delta R.T. -0.00 min  
 Lab File: BM016610.D  
 Acq: 27 Aug 2018 17:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 28.0  | 18.3  | 27.5# |
| 150     | 12.9  | 9.8   | 14.8  |

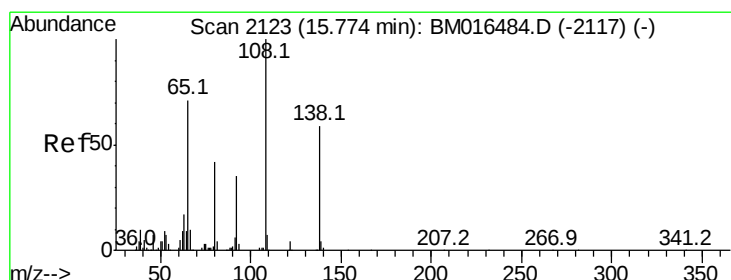
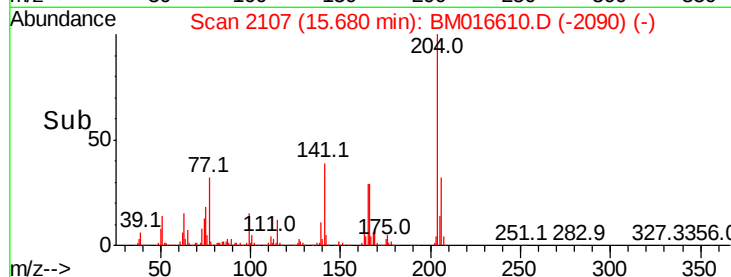
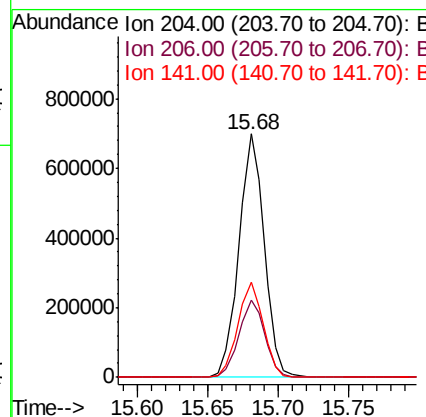
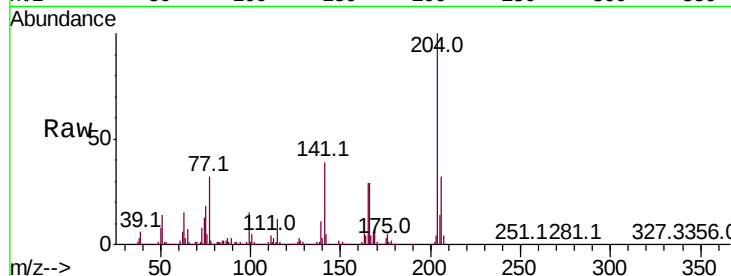




#60  
4-Chlorophenyl-phenylether  
Concen: 41.220 ng  
RT: 15.68 min Scan# 2107  
Delta R.T. -0.00 min  
Lab File: BM016610.D  
Acq: 27 Aug 2018 17:15

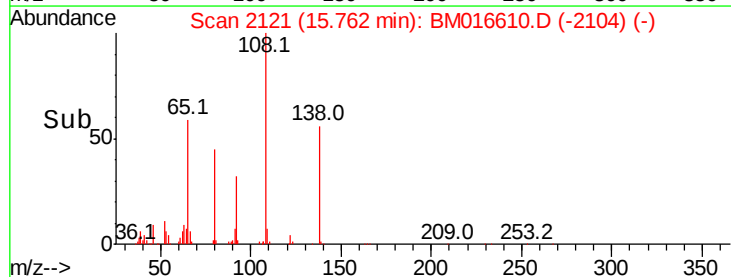
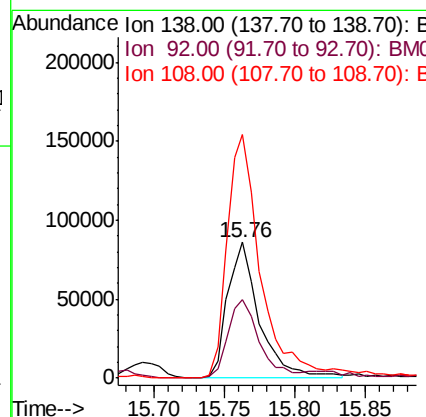
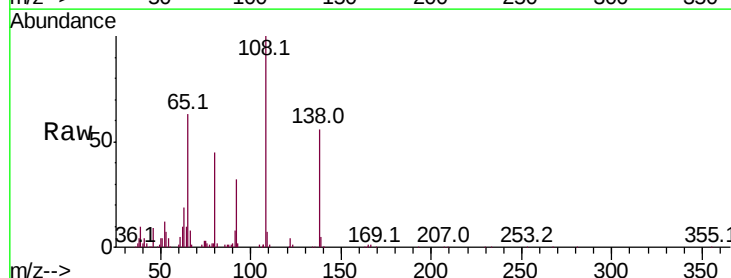
Instrument :  
BNA\_M  
ClientSampleId :

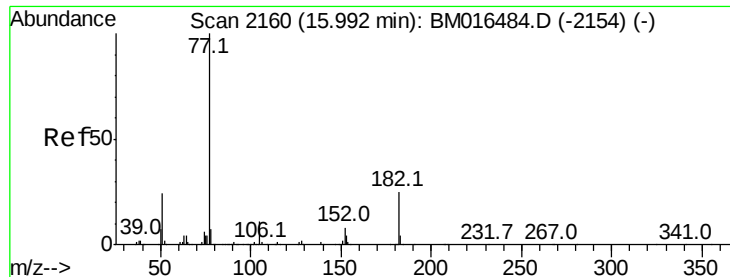
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 31.9  | 26.6  | 39.8  |
| 141     | 39.2  | 45.2  | 67.8  |



#61  
4-Nitroaniline  
Concen: 28.694 ng  
RT: 15.76 min Scan# 2121  
Delta R.T. -0.00 min  
Lab File: BM016610.D  
Acq: 27 Aug 2018 17:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 57.9  | 16.7  | 56.7  |
| 108     | 179.6 | 37.6  | 77.6  |





#62

Azobenzene

Concen: 38.533 ng

RT: 15.97 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

Instrument :

BNA\_M

ClientSampled :

Tot Ion: 77 Resp: 1162861

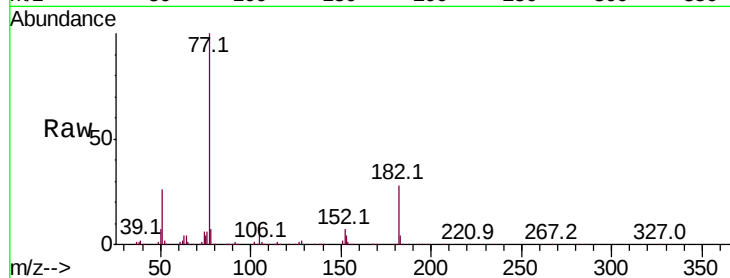
Ion Ratio Lower Upper

77 100

182 27.9 6.5 46.5

105 10.1 3.8 43.8

51 25.7 5.5 45.5

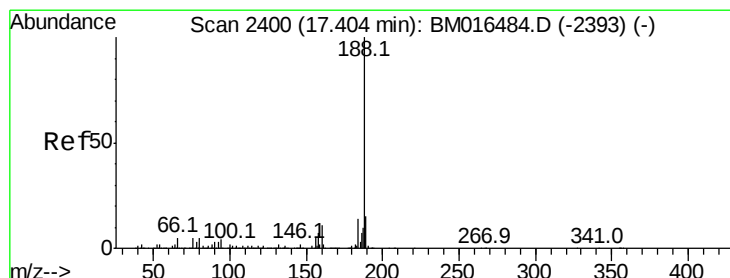
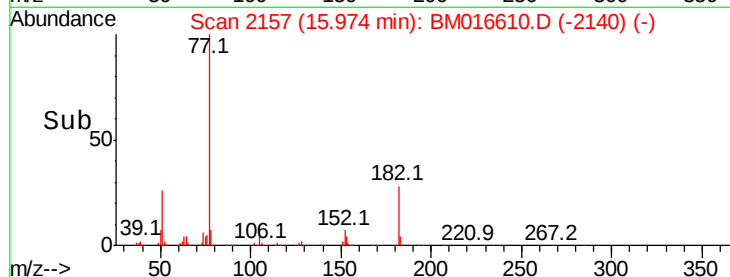
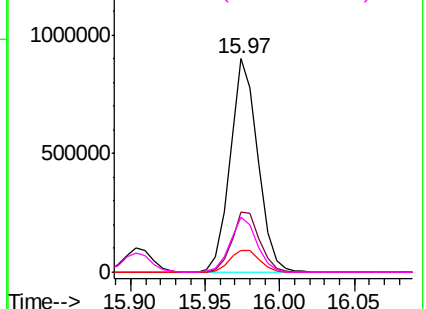


Abundance Ion 77.00 (76.70 to 77.70): BM0

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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

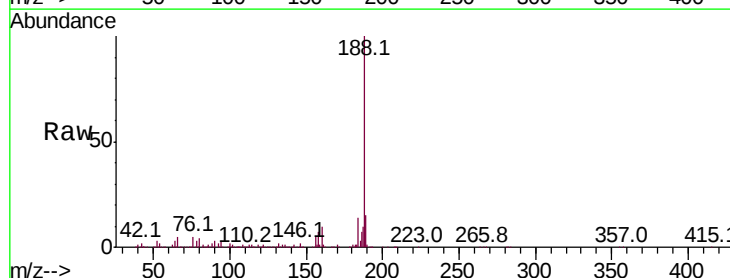
Tgt Ion: 188 Resp: 906836

Ion Ratio Lower Upper

188 100

94 3.4 8.7 13.1#

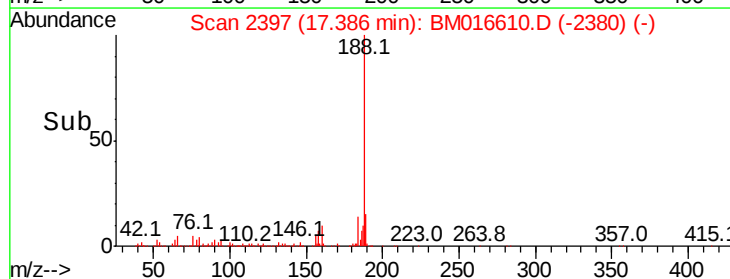
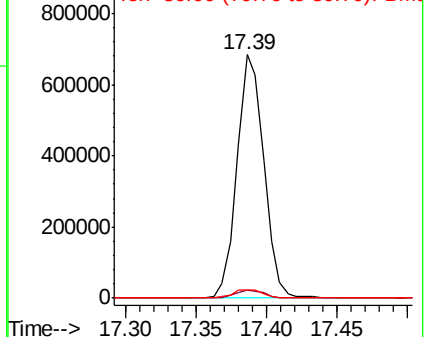
80 3.5 9.3 13.9#

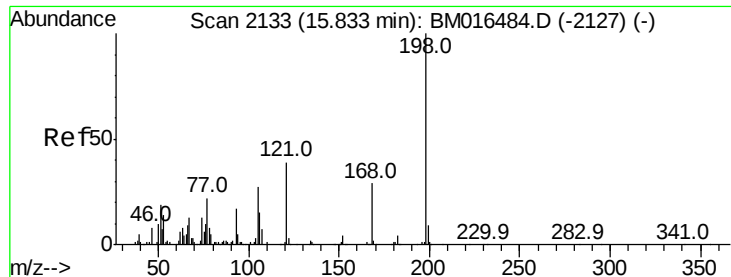


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

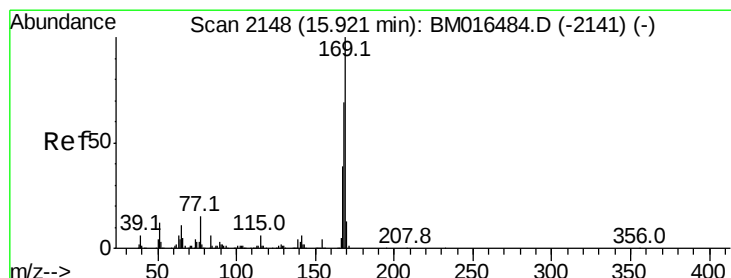
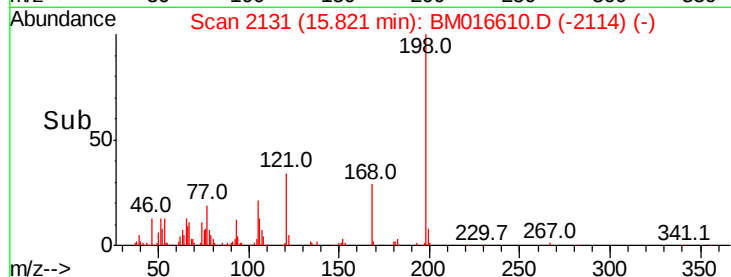
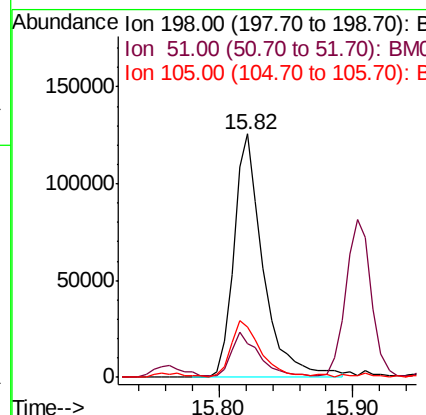
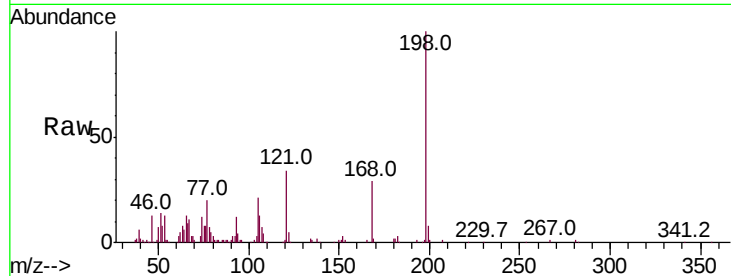




#64  
4,6-Dinitro-2-methylphenol  
Concen: 27.820 ng  
RT: 15.82 min Scan# 2131  
Delta R.T. -0.00 min  
Lab File: BM016610.D  
Acq: 27 Aug 2018 17:15

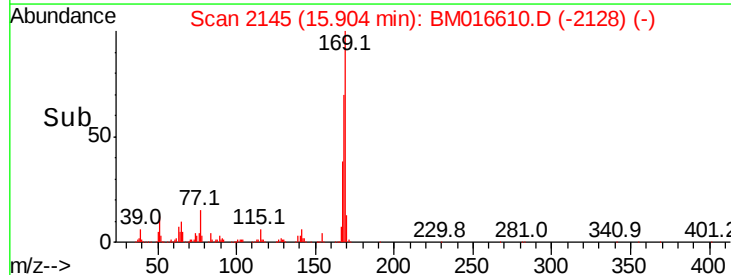
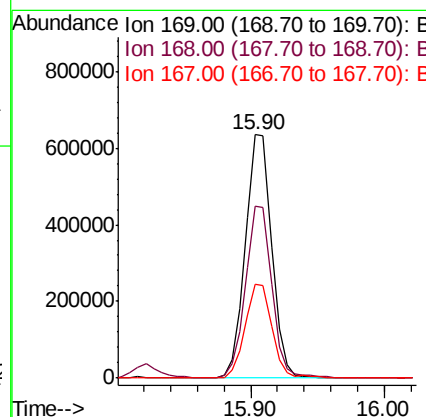
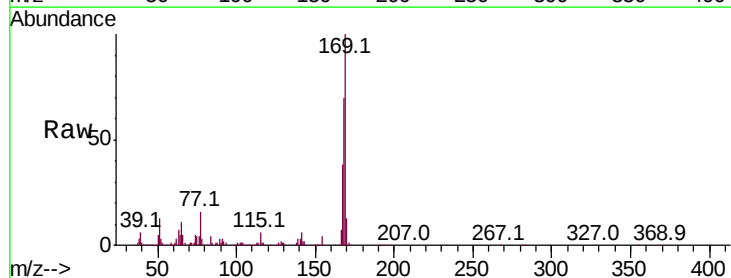
Instrument :  
BNA\_M  
ClientSampleId :

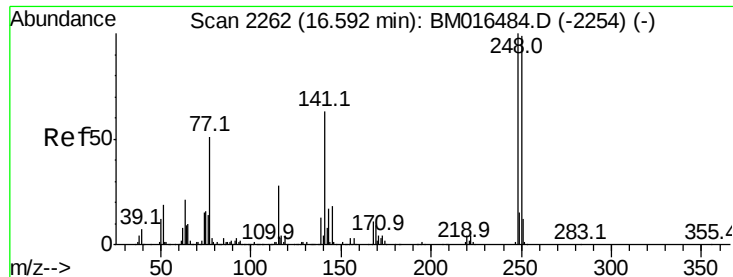
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 13.8  | 28.8  | 68.8# |
| 105     | 20.9  | 30.5  | 70.5# |



#65  
n-Nitrosodiphenylamine  
Concen: 33.890 ng  
RT: 15.90 min Scan# 2145  
Delta R.T. -0.00 min  
Lab File: BM016610.D  
Acq: 27 Aug 2018 17:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 70.5  | 53.9  | 80.9  |
| 167     | 38.4  | 28.9  | 43.3  |

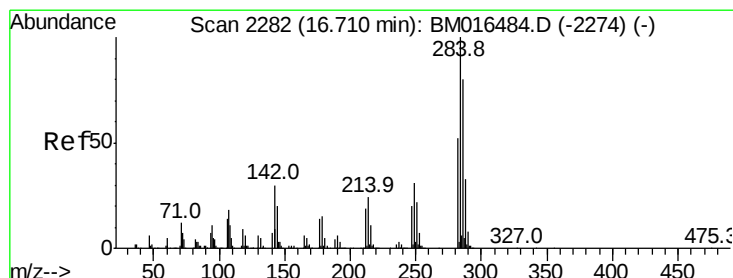
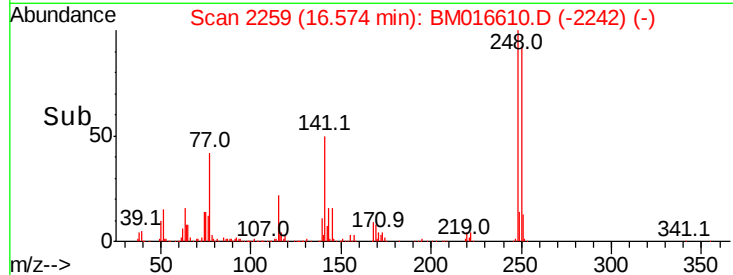
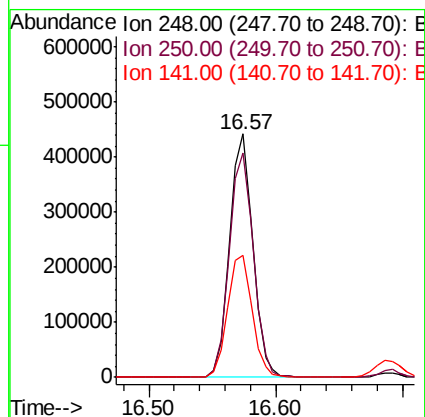
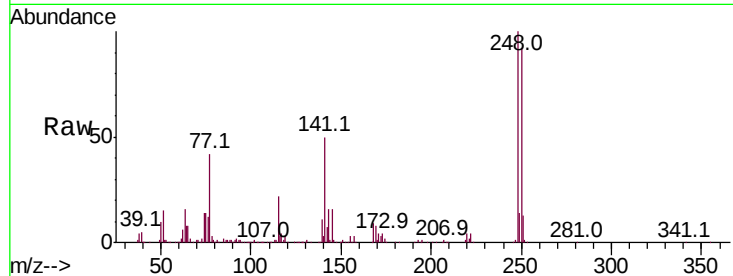




#66  
4-Bromophenyl-phenylether  
Concen: 40.106 ng  
RT: 16.57 min Scan# 2259  
Delta R.T. -0.00 min  
Lab File: BM016610.D  
Acq: 27 Aug 2018 17:15

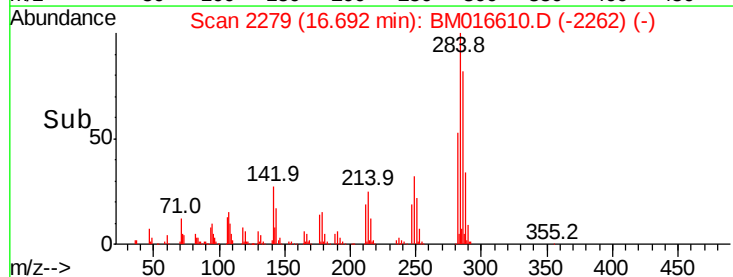
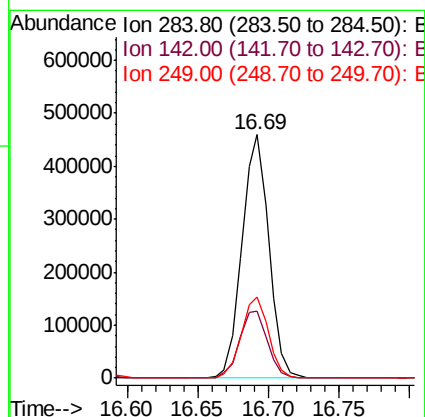
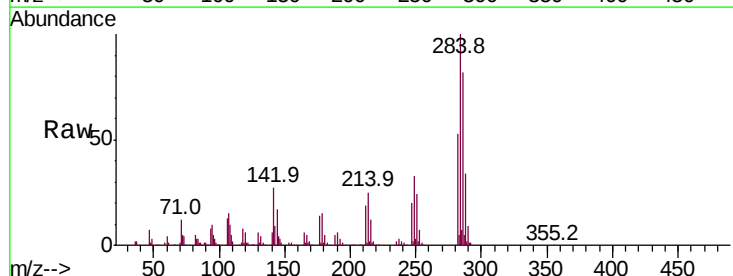
Instrument :  
BNA\_M  
ClientSampled :

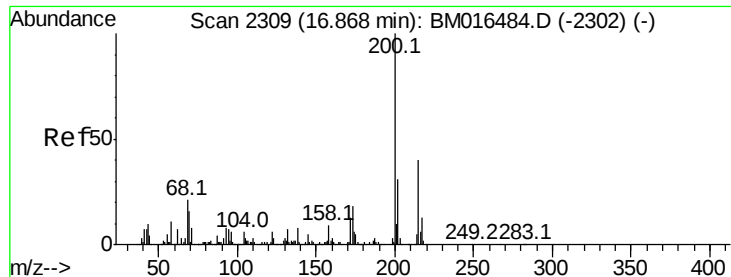
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 92.1  | 77.4  | 116.0 |
| 141     | 50.2  | 45.2  | 67.8  |



#67  
Hexachlorobenzene  
Concen: 37.657 ng  
RT: 16.69 min Scan# 2279  
Delta R.T. -0.00 min  
Lab File: BM016610.D  
Acq: 27 Aug 2018 17:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 27.3  | 20.4  | 30.6  |
| 249     | 33.1  | 23.8  | 35.6  |

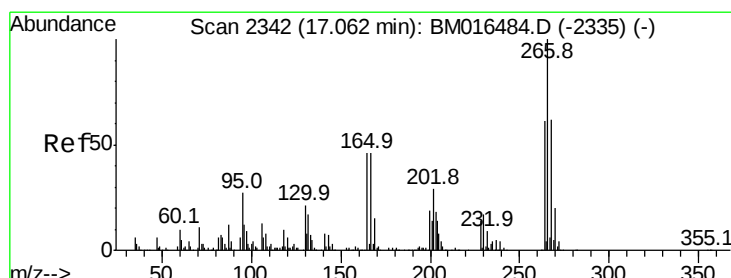
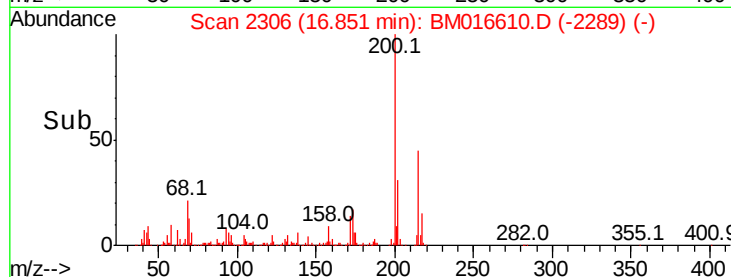
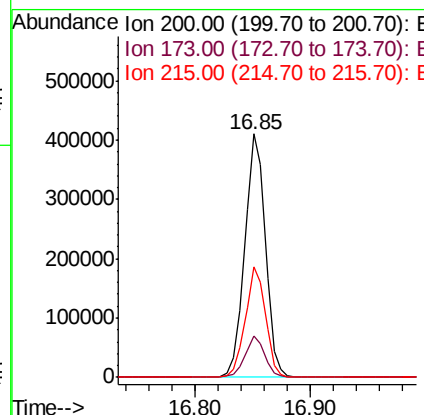
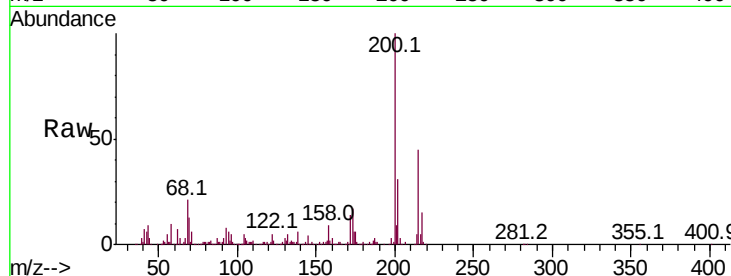




#68  
Atrazine  
Concen: 43.761 ng  
RT: 16.85 min Scan# 2306  
Delta R.T. -0.00 min  
Lab File: BM016610.D  
Acq: 27 Aug 2018 17:15

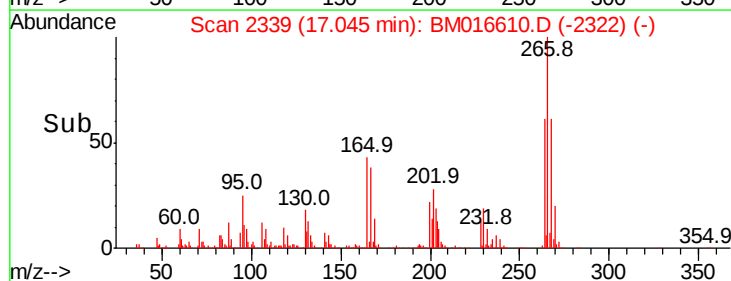
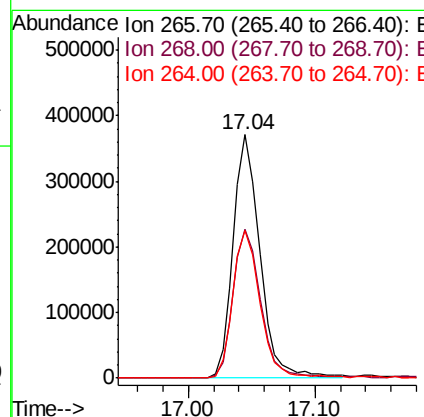
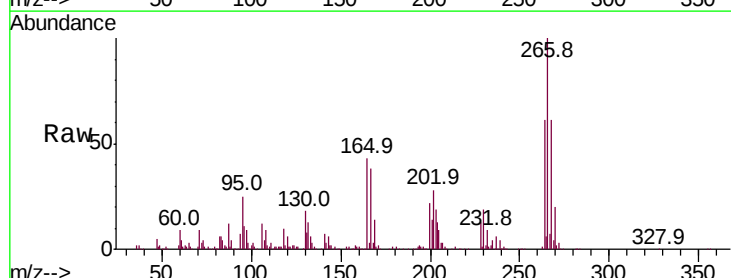
Instrument :  
BNA\_M  
ClientSampleId :

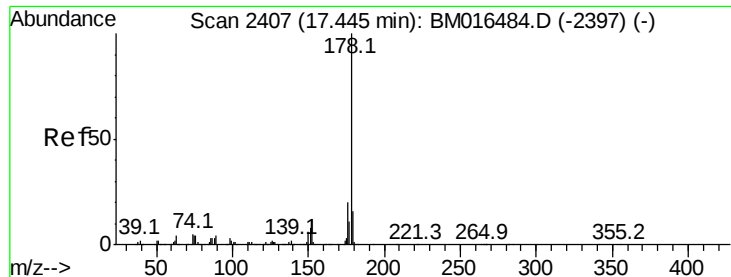
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 17.1  | 4.8   | 44.8  |
| 215     | 45.5  | 26.9  | 66.9  |



#69  
Pentachlorophenol  
Concen: 63.216 ng  
RT: 17.04 min Scan# 2339  
Delta R.T. -0.00 min  
Lab File: BM016610.D  
Acq: 27 Aug 2018 17:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 61.3  | 52.0  | 78.0  |
| 264     | 60.7  | 49.0  | 73.4  |





#70

Phenanthrene

Concen: 36.762 ng

RT: 17.43 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

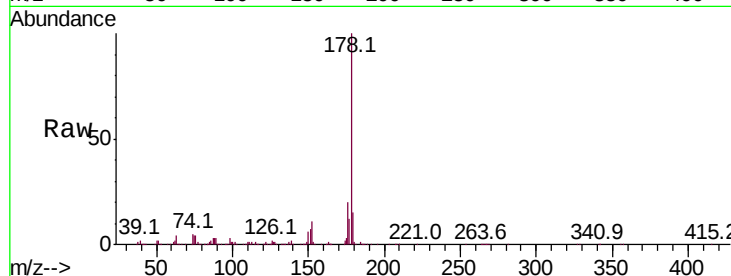
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:178 Resp: 1723021

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.8  | 15.2  | 22.8  |
| 179 | 15.3  | 12.1  | 18.1  |

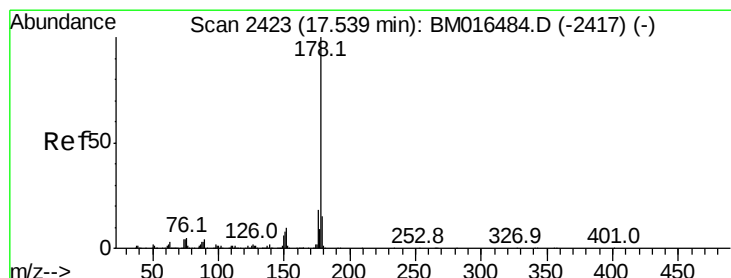
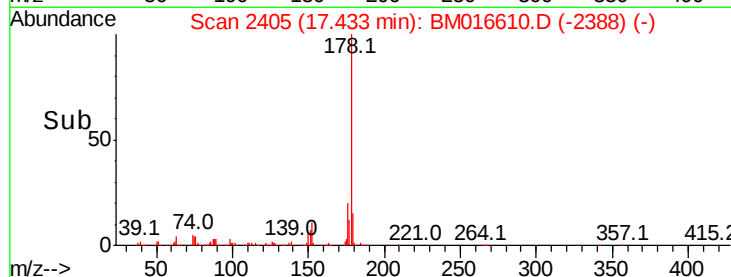
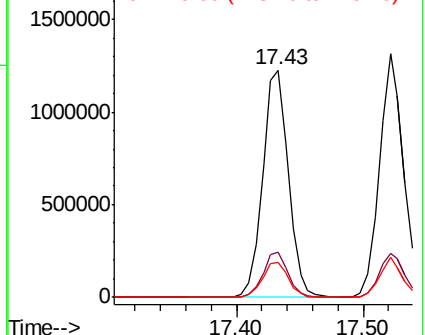


Abundance

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



#71

Anthracene

Concen: 37.843 ng

RT: 17.52 min Scan# 2420

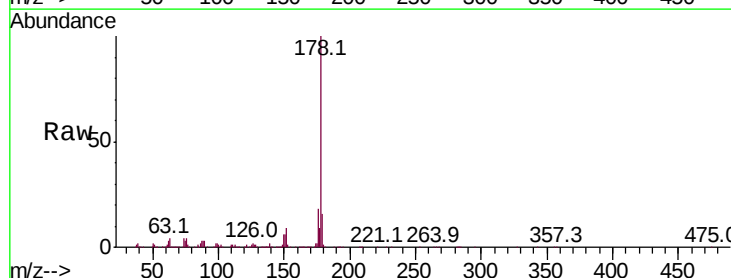
Delta R.T. -0.00 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

Tgt Ion:178 Resp: 1761316

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 18.0  | 14.6  | 22.0  |
| 179 | 16.3  | 12.6  | 19.0  |

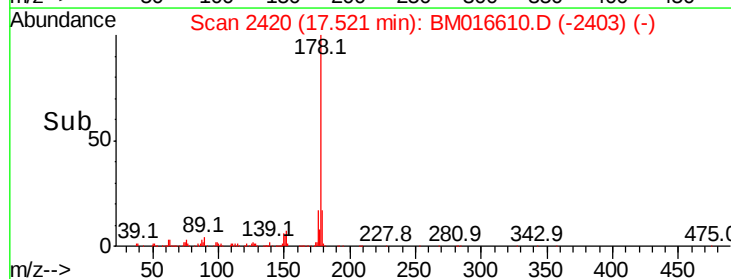
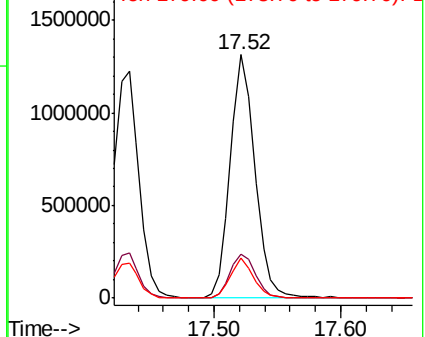


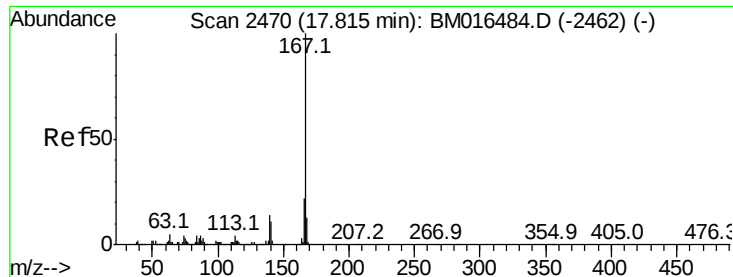
Abundance

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



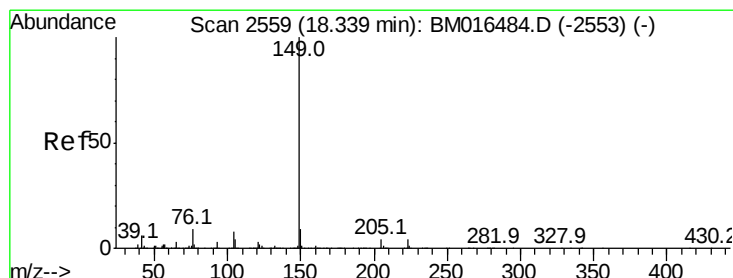
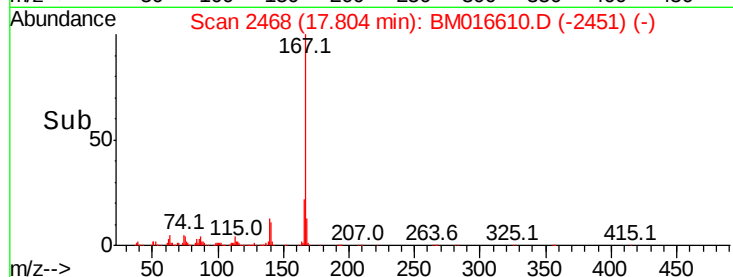
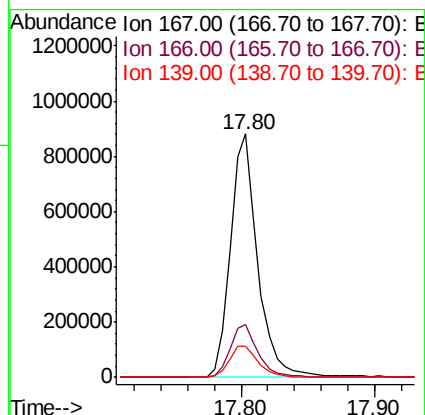
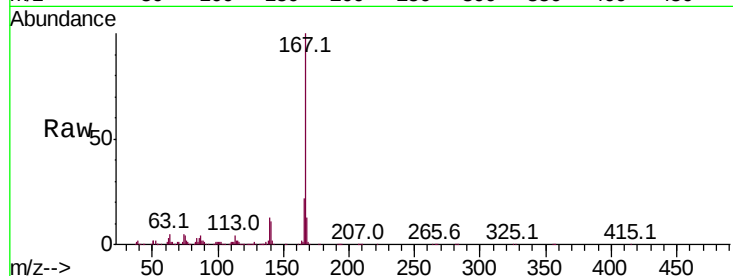


#72  
 Carbazole  
 Concen: 29.992 ng  
 RT: 17.80 min Scan# 2468  
 Delta R.T. -0.00 min  
 Lab File: BM016610.D  
 Acq: 27 Aug 2018 17:15

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:167 Resp: 1254463  

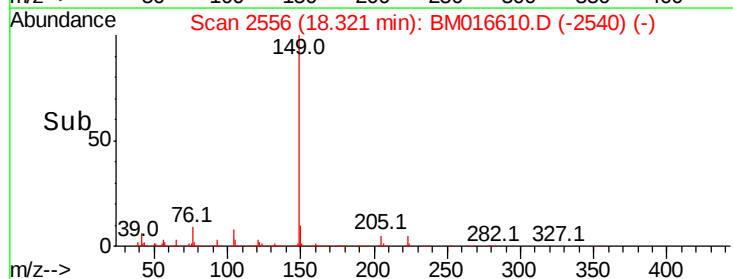
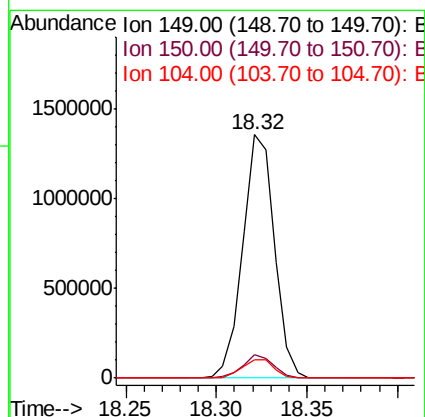
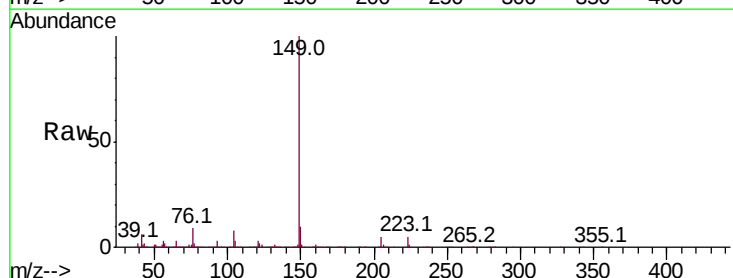
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.5  | 17.2  | 25.8  |
| 139 | 12.9  | 10.8  | 16.2  |

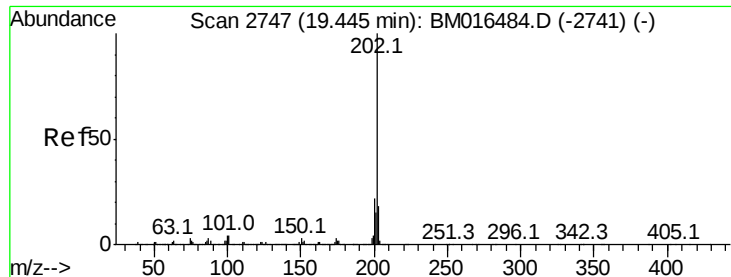


#73  
 Di-n-butylphthalate  
 Concen: 32.282 ng  
 RT: 18.32 min Scan# 2556  
 Delta R.T. -0.01 min  
 Lab File: BM016610.D  
 Acq: 27 Aug 2018 17:15

Tgt Ion:149 Resp: 1646160  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.5   | 7.5   | 11.3  |
| 104 | 7.7   | 3.7   | 5.5   |

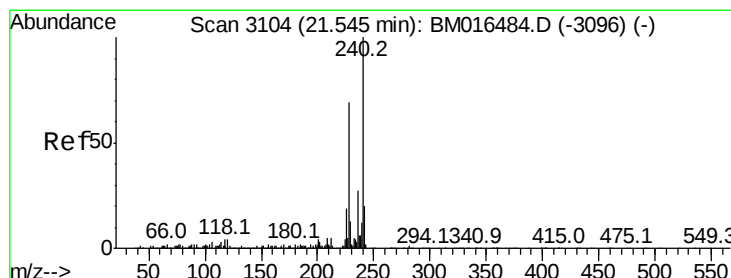
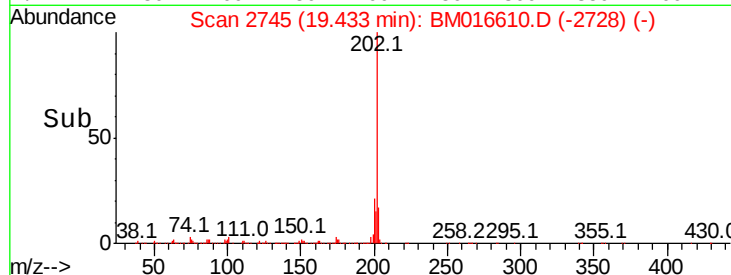
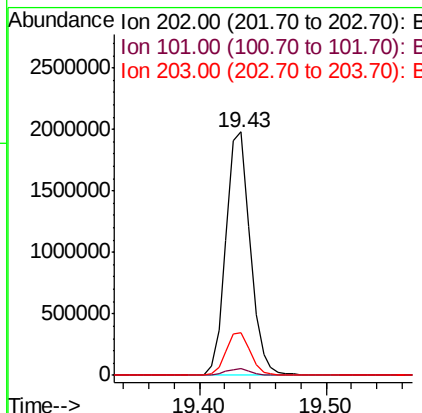
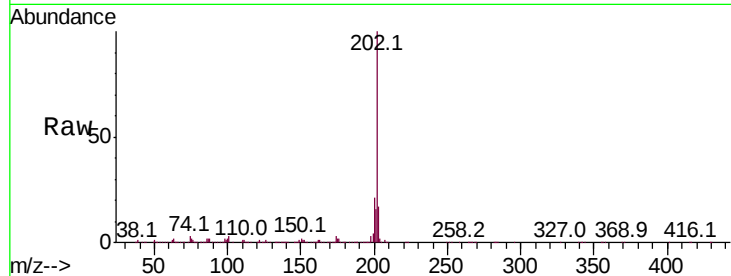




#74  
 Fluoranthene  
 Concen: 38.296 ng  
 RT: 19.43 min Scan# 2745  
 Delta R.T. -0.00 min  
 Lab File: BM016610.D  
 Acq: 27 Aug 2018 17:15

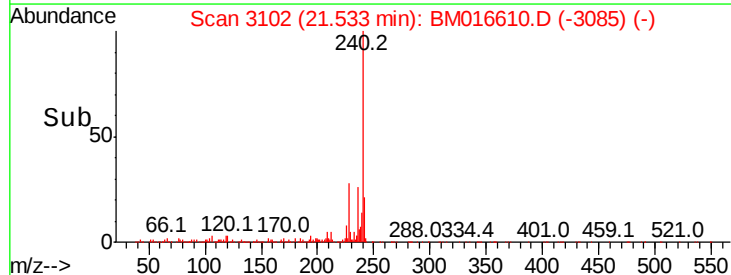
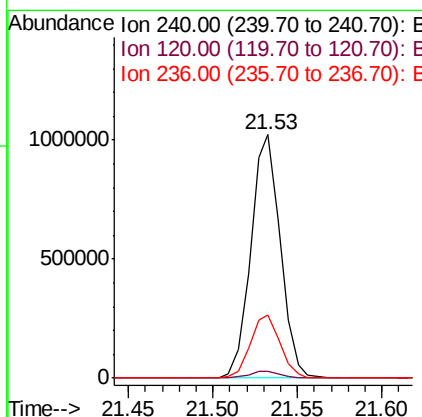
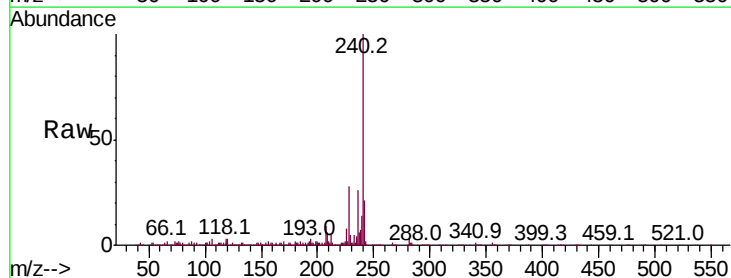
Instrument :  
 BNA\_M  
 ClientSampled :

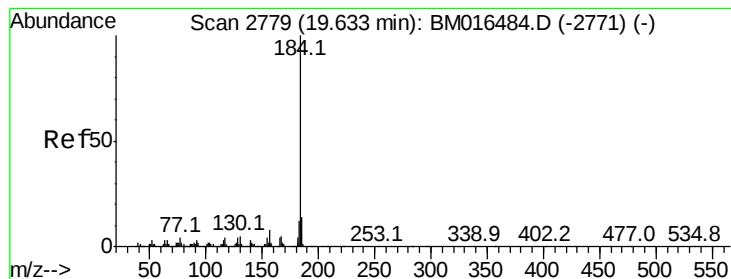
Tot Ion:202 Resp: 2631816  
 Ion Ratio Lower Upper  
 202 100  
 101 2.6 0.0 28.7  
 203 17.4 0.0 37.2



#75  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.53 min Scan# 3102  
 Delta R.T. -0.00 min  
 Lab File: BM016610.D  
 Acq: 27 Aug 2018 17:15

Tgt Ion:240 Resp: 1239890  
 Ion Ratio Lower Upper  
 240 100  
 120 2.6 8.2 12.2#  
 236 25.7 20.0 30.0





#76

Benzidine

Concen: 34.004 ng

RT: 19.63 min Scan# 2778

Delta R.T. 0.01 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

Instrument :

BNA\_M

ClientSampleId :

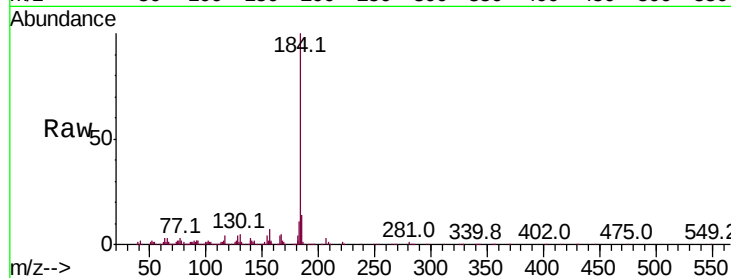
Tot Ion:184 Resp: 810812

Ion Ratio Lower Upper

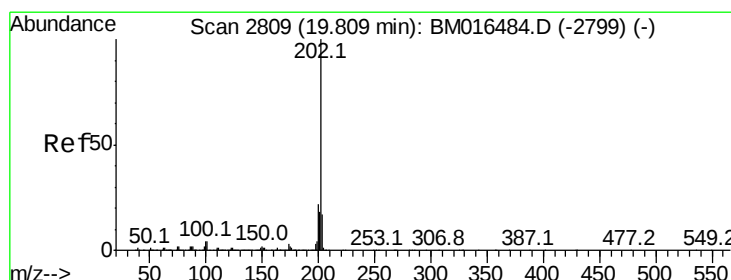
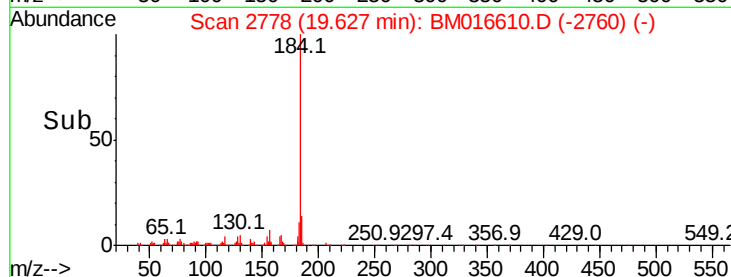
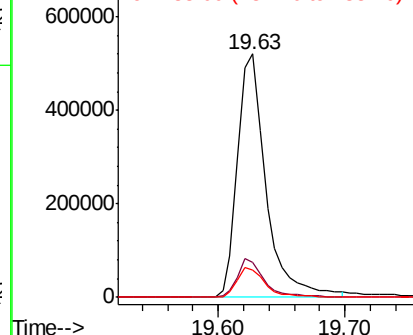
184 100

185 14.1 11.3 16.9

183 11.4 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 40.175 ng

RT: 19.79 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

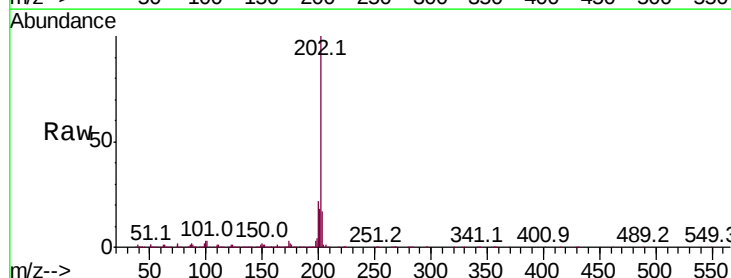
Tgt Ion:202 Resp: 2707147

Ion Ratio Lower Upper

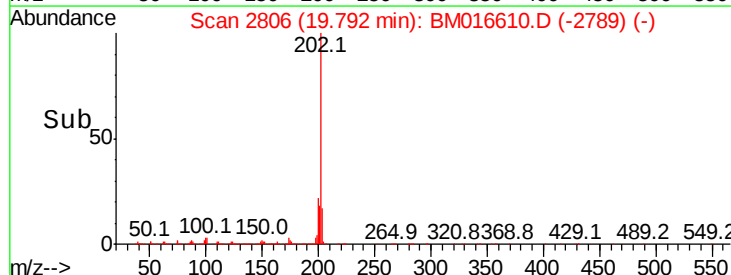
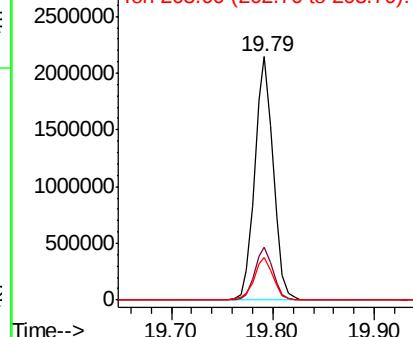
202 100

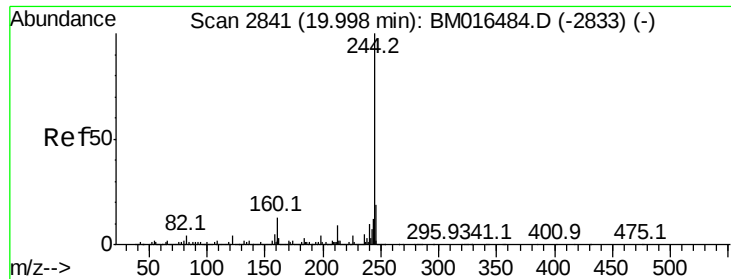
200 21.7 16.9 25.3

203 17.4 14.1 21.1



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





#78

Terphenyl-d14

Concen: 85.501 ng

RT: 19.98 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

Instrument :

BNA\_M

ClientSampled :

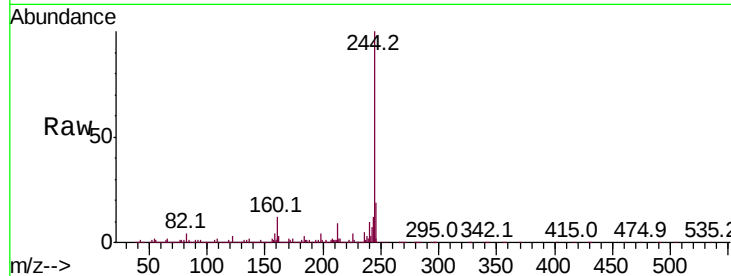
Tot Ion:244 Resp: 5008652

Ion Ratio Lower Upper

244 100

212 9.0 4.9 7.3#

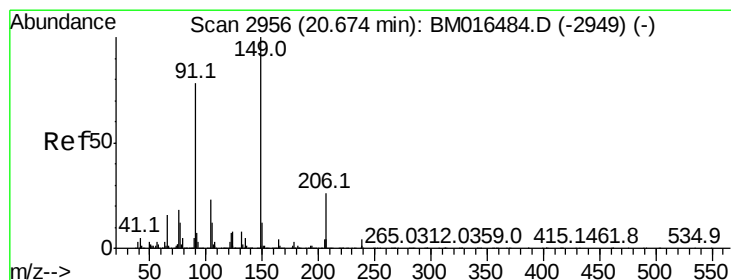
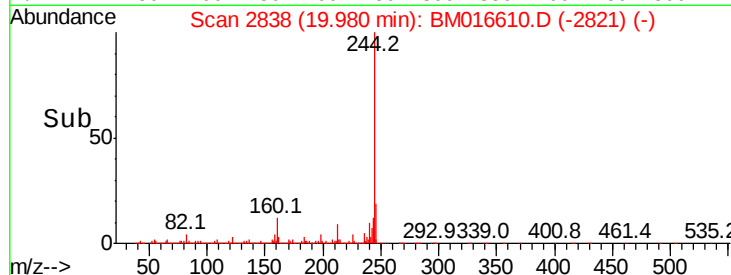
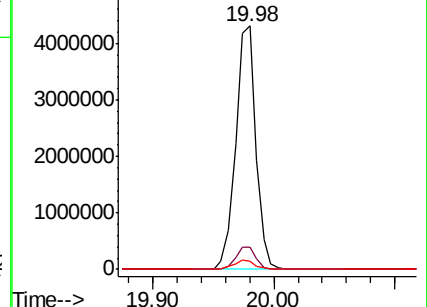
122 3.2 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 33.915 ng

RT: 20.66 min Scan# 2953

Delta R.T. -0.00 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

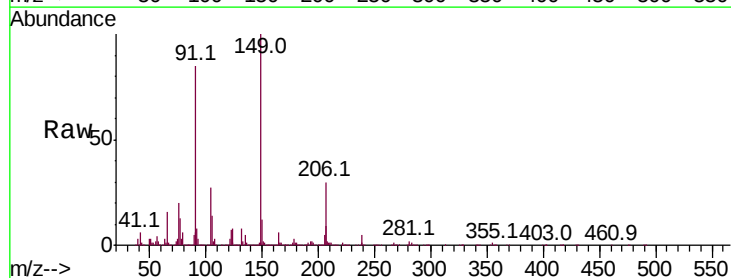
Tgt Ion:149 Resp: 788826

Ion Ratio Lower Upper

149 100

91 85.0 50.1 75.1#

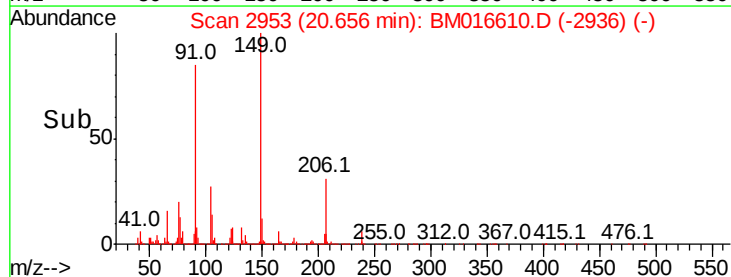
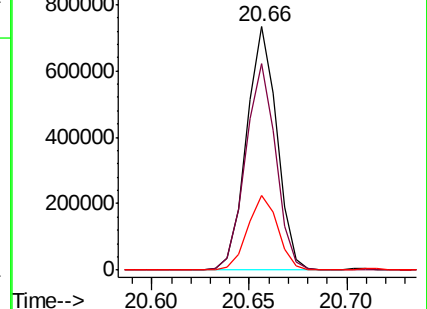
206 30.5 16.2 24.2#

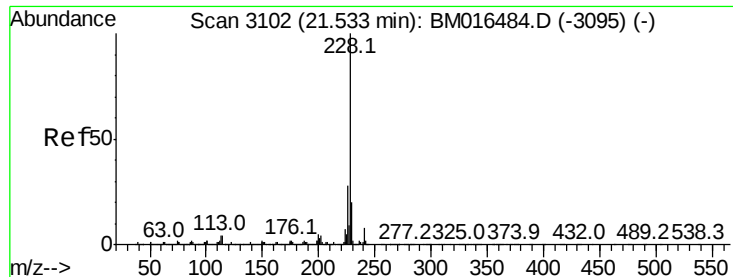


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

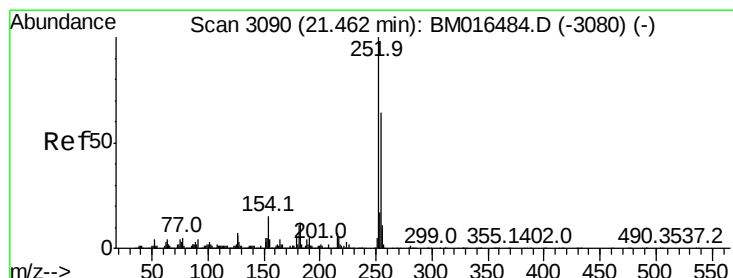
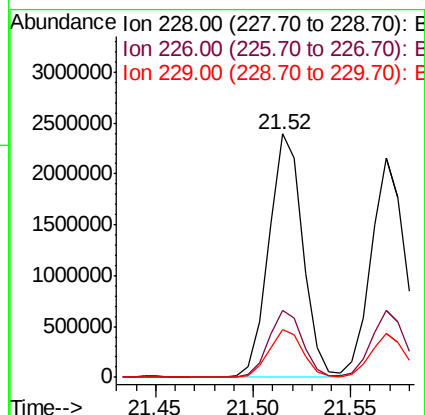
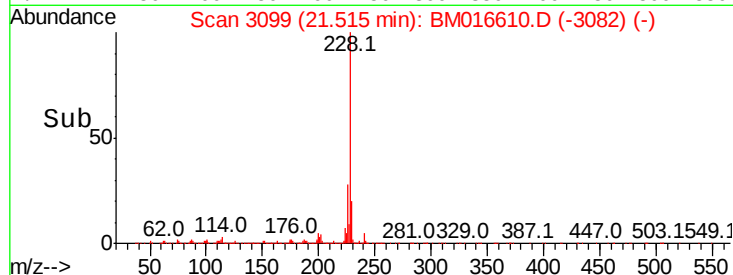
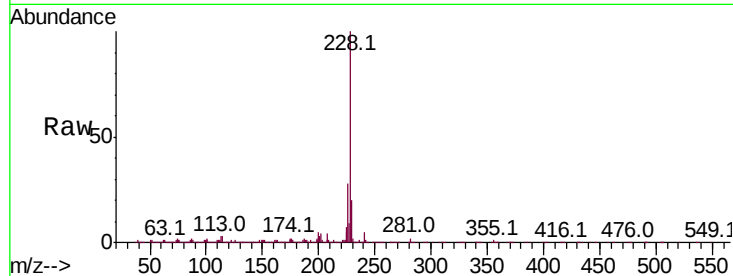




#80  
Benzo(a)anthracene  
Concen: 39.473 ng  
RT: 21.52 min Scan# 3099  
Delta R.T. -0.00 min  
Lab File: BM016610.D  
Acq: 27 Aug 2018 17:15

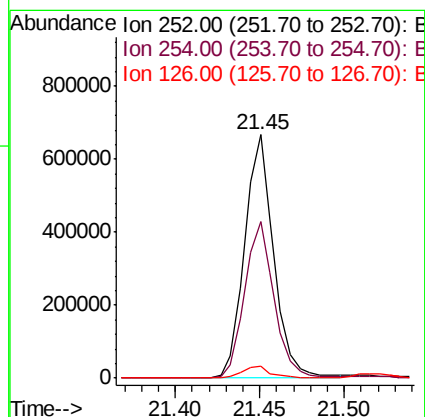
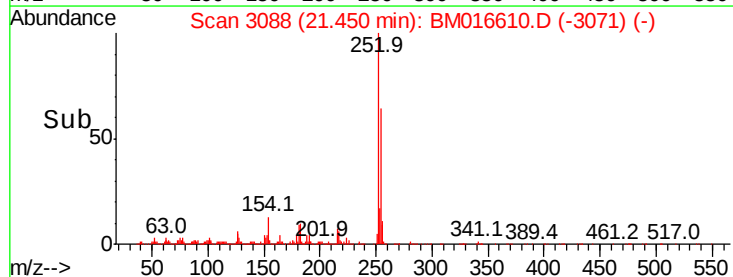
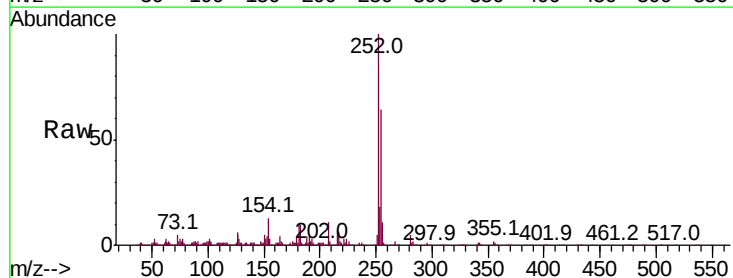
Instrument :  
BNA\_M  
ClientSampleId :

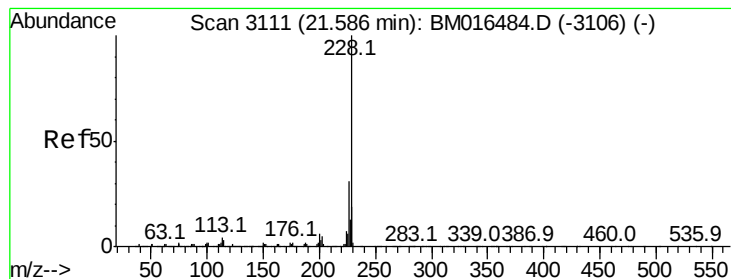
Tot Ion:228 Resp: 2877356  
Ion Ratio Lower Upper  
228 100  
226 27.7 21.7 32.5  
229 19.7 16.0 24.0



#81  
3,3'-Dichlorobenzidine  
Concen: 24.618 ng  
RT: 21.45 min Scan# 3088  
Delta R.T. -0.00 min  
Lab File: BM016610.D  
Acq: 27 Aug 2018 17:15

Tgt Ion:252 Resp: 798810  
Ion Ratio Lower Upper  
252 100  
254 64.1 51.9 77.9  
126 4.7 9.8 14.8#





#82

Chrysene

Concen: 37.309 ng

RT: 21.57 min Scan# 3108

Delta R.T. -0.00 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

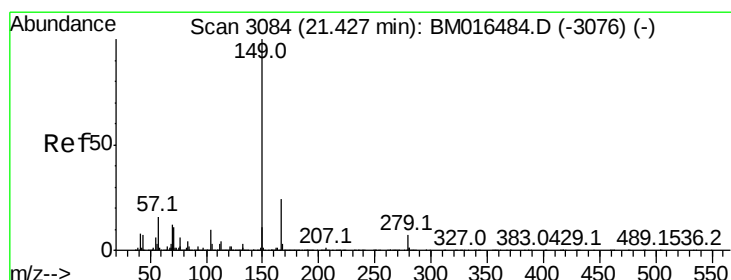
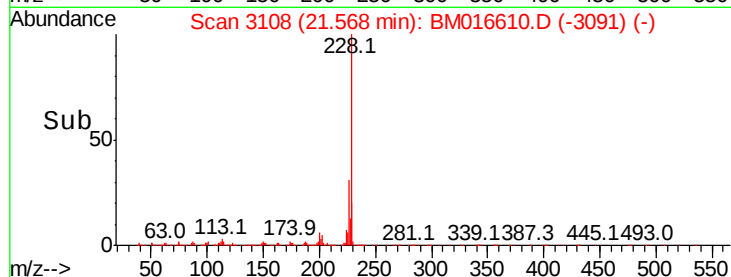
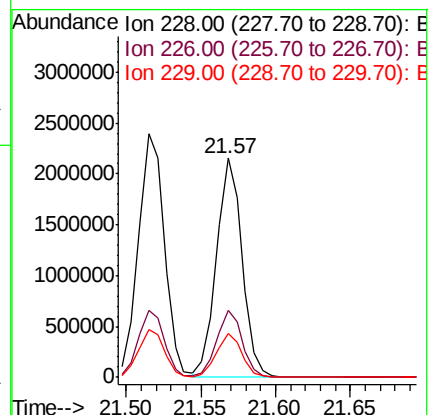
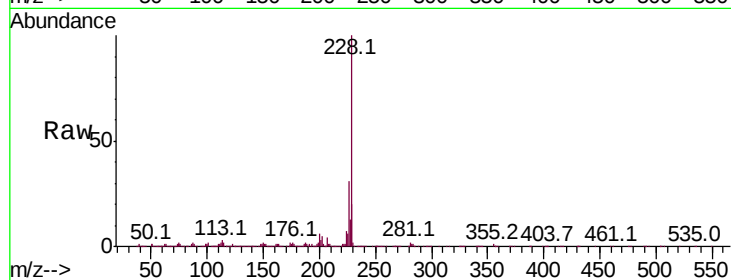
Instrument :

BNA\_M

ClientSampled :

Tot Ion:228 Resp: 2594879

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.8  | 24.1  | 36.1  |
| 229 | 20.1  | 15.5  | 23.3  |



#83

Bis(2-ethylhexyl)phthalate

Concen: 32.164 ng

RT: 21.41 min Scan# 3081

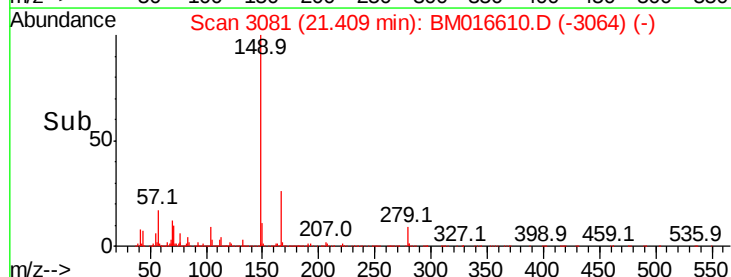
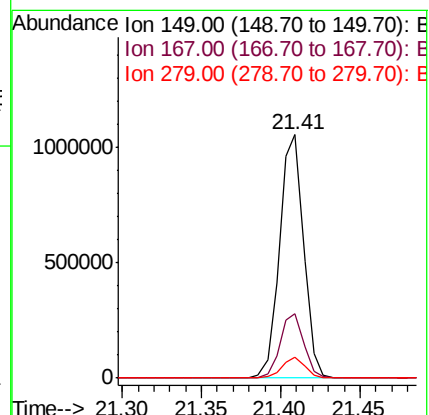
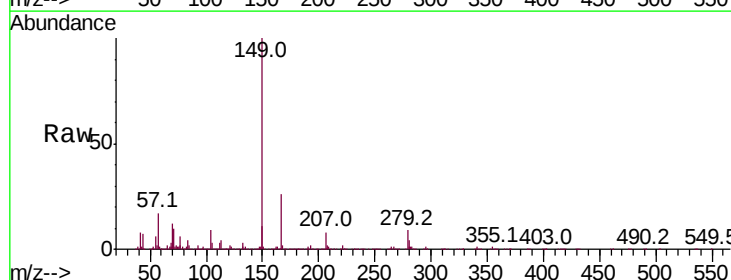
Delta R.T. -0.00 min

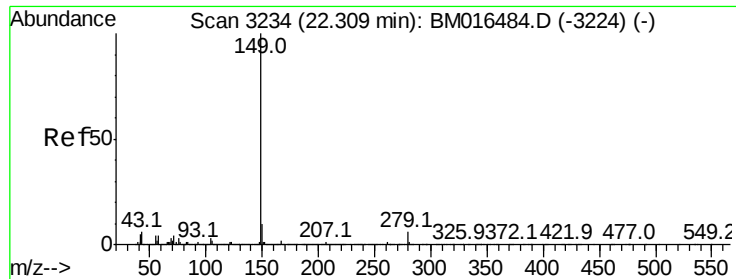
Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

Tgt Ion:149 Resp: 1112135

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.5  | 22.4  | 33.6  |
| 279 | 8.6   | 3.4   | 5.0   |





#84

Di-n-octyl phthalate

Concen: 31.487 ng

RT: 22.29 min Scan# 3231

Delta R.T. -0.00 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

Instrument :

BNA\_M

ClientSampleId :

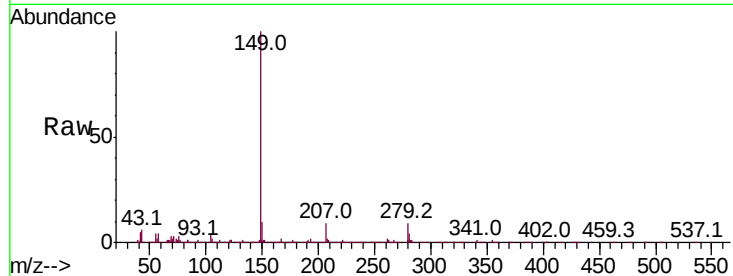
Tot Ion:149 Resp: 1809285

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8#

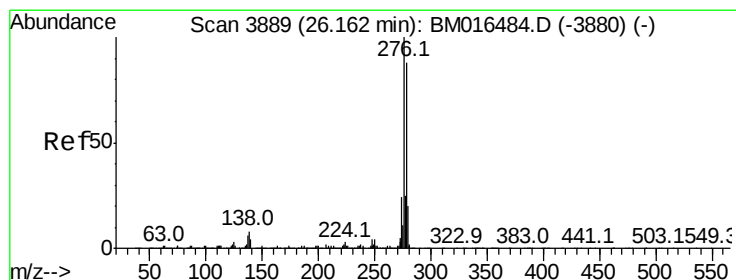
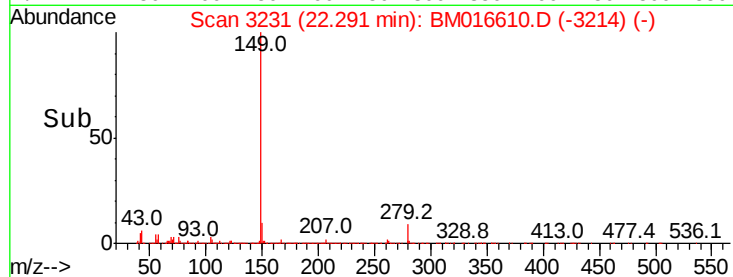
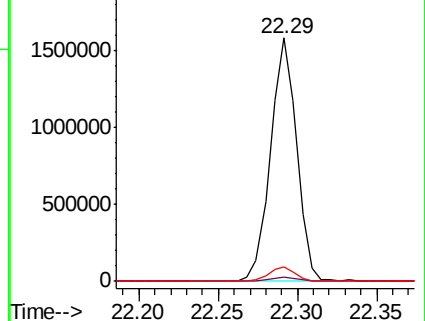
43 6.1 7.3 10.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#85

Indeno(1,2,3-cd)pyrene

Concen: 34.660 ng

RT: 26.13 min Scan# 3883

Delta R.T. -0.01 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

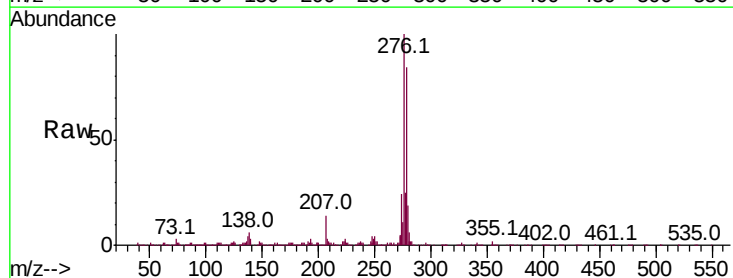
Tgt Ion:276 Resp: 3466736

Ion Ratio Lower Upper

276 100

138 5.9 12.0 18.0#

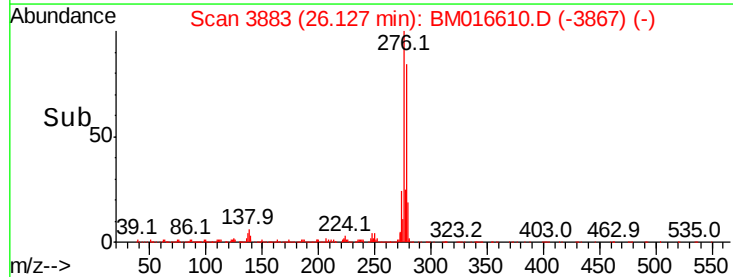
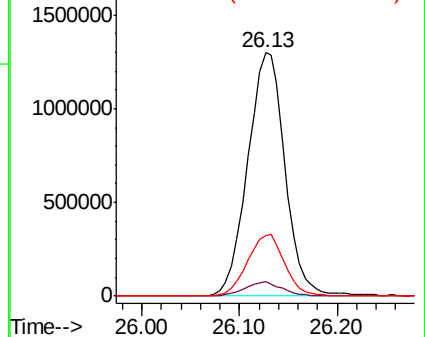
277 25.2 20.0 30.0

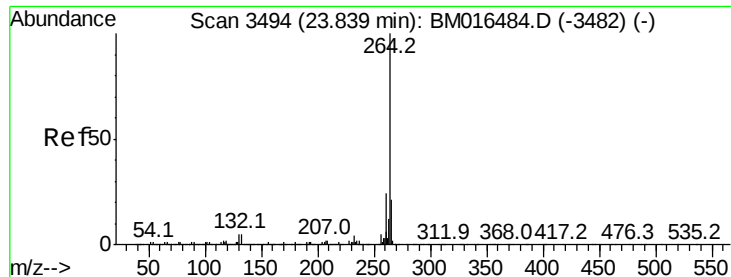


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



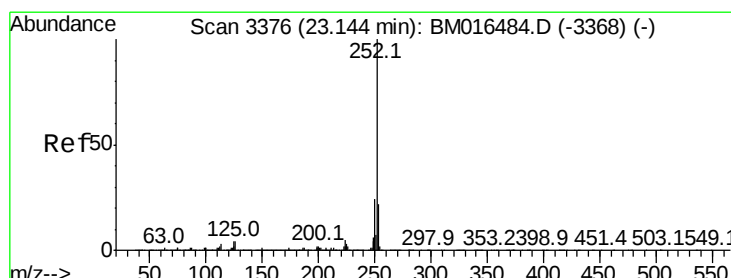
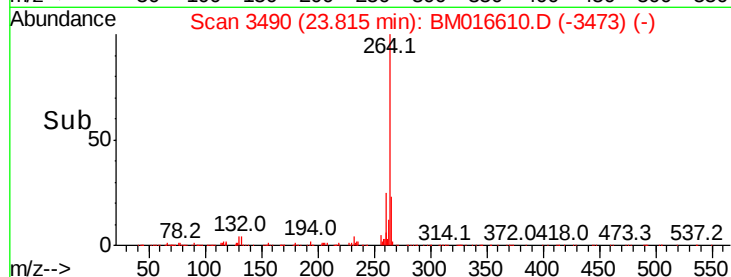
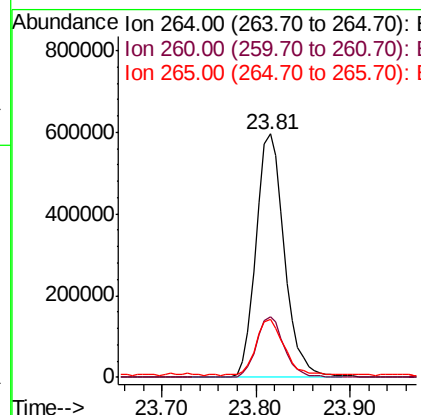
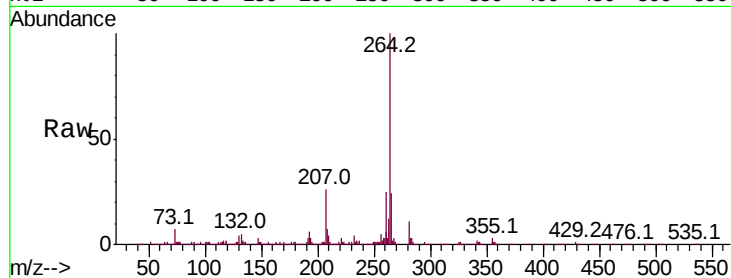


#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.81 min Scan# 3490  
Delta R.T. -0.00 min  
Lab File: BM016610.D  
Acq: 27 Aug 2018 17:15

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:264 Resp: 1247725  

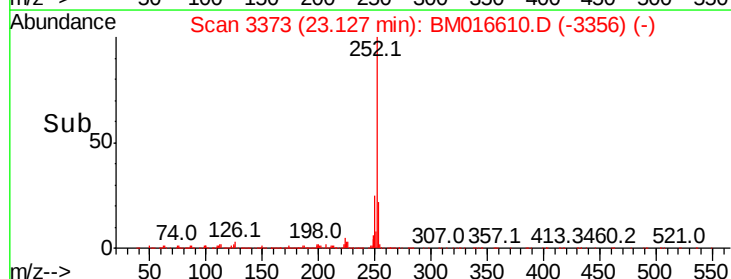
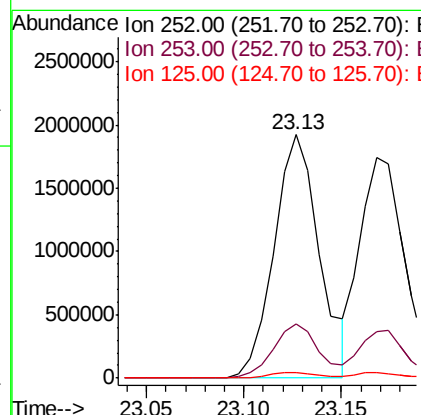
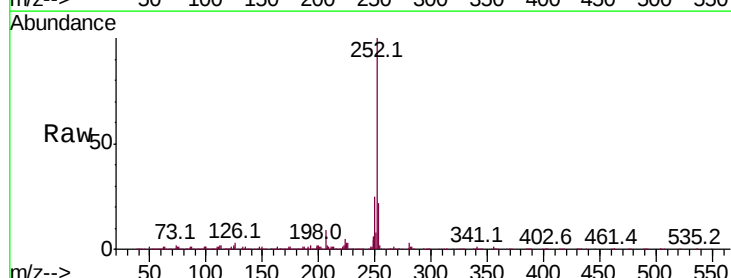
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.9  | 18.6  | 27.8  |
| 265 | 23.8  | 17.3  | 25.9  |

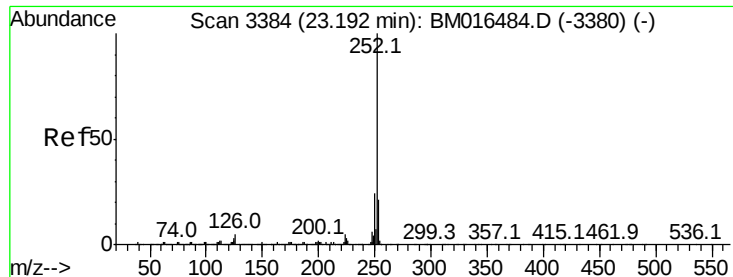


#87  
Benzo(b)fluoranthene  
Concen: 42.833 ng  
RT: 23.13 min Scan# 3373  
Delta R.T. -0.00 min  
Lab File: BM016610.D  
Acq: 27 Aug 2018 17:15

Tgt Ion:252 Resp: 3080799  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.4  | 18.0  | 27.0  |
| 125 | 2.3   | 9.9   | 14.9  |





#88

Benzo(k)fluoranthene

Concen: 38.355 ng

RT: 23.17 min Scan# 3380

Delta R.T. -0.01 min

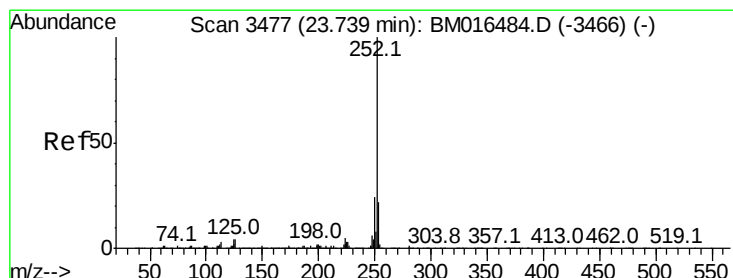
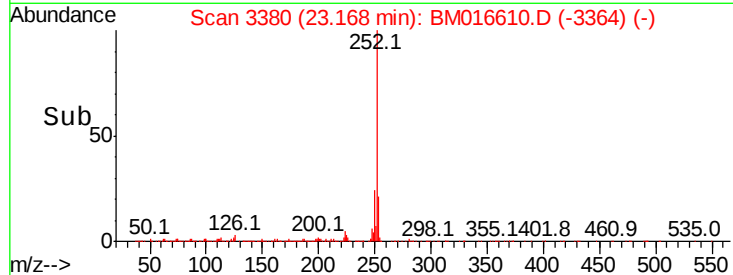
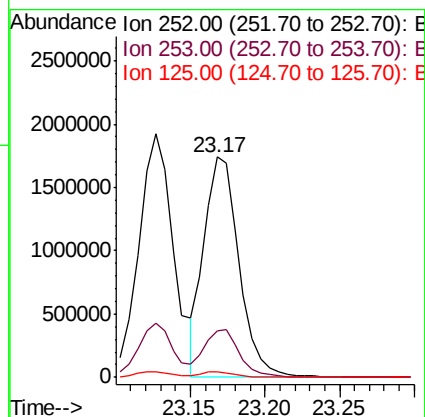
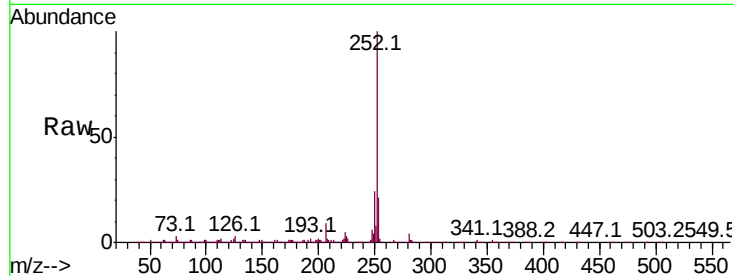
Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:252 Resp: 2806934

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.0  | 17.2  | 25.8  |
| 125 | 2.5   | 8.1   | 12.1# |



#89

Benzo(a)pyrene

Concen: 39.864 ng

RT: 23.71 min Scan# 3473

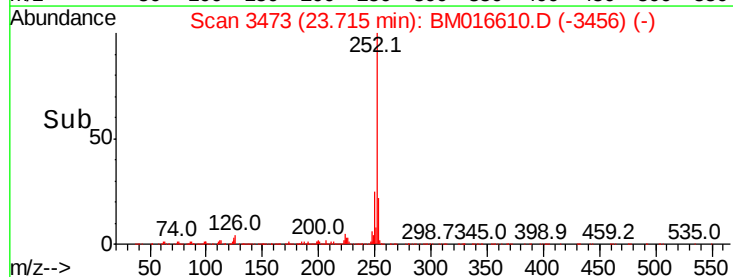
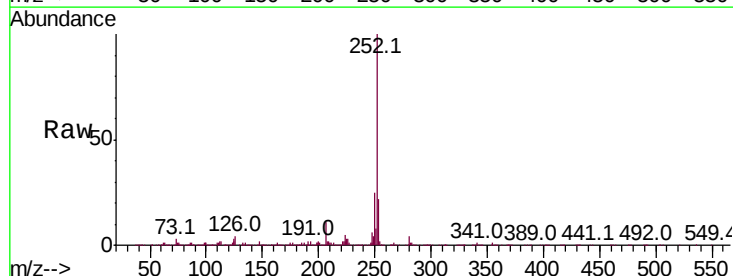
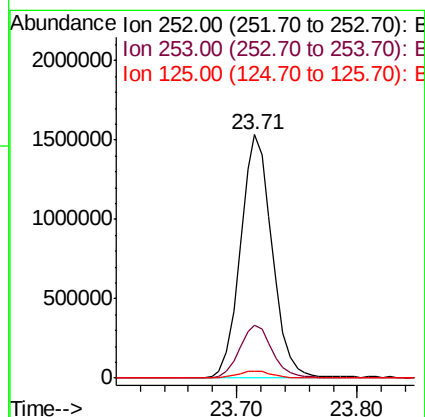
Delta R.T. -0.00 min

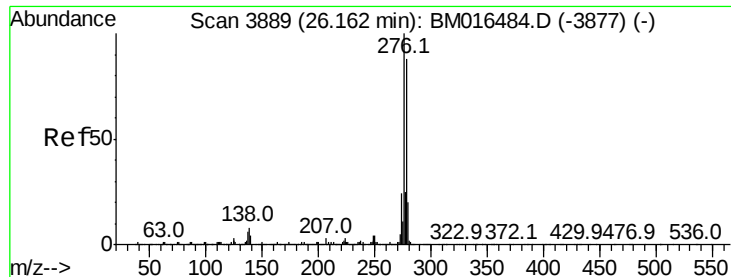
Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

Tgt Ion:252 Resp: 2789862

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.7  | 17.6  | 26.4  |
| 125 | 2.9   | 7.4   | 11.2# |





#90

Dibenzo(a,h)anthracene

Concen: 37.492 ng

RT: 26.13 min Scan# 3883

Delta R.T. -0.00 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

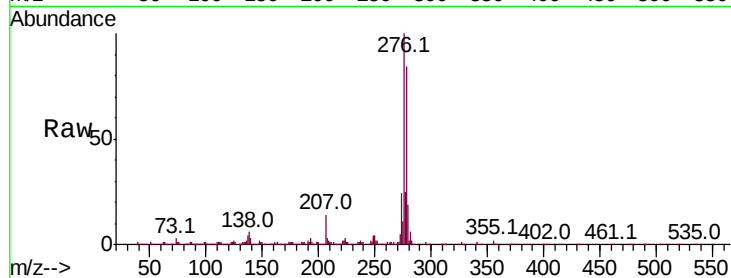
Instrument :

BNA\_M

ClientSampled :

Tot Ion:278 Resp: 2940582

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 5.1   | 13.4  | 20.0# |
| 279 | 23.0  | 19.0  | 28.4  |

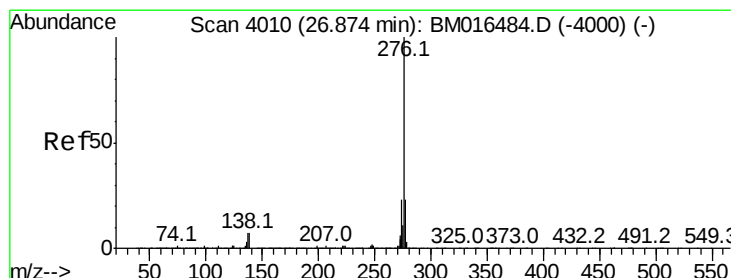
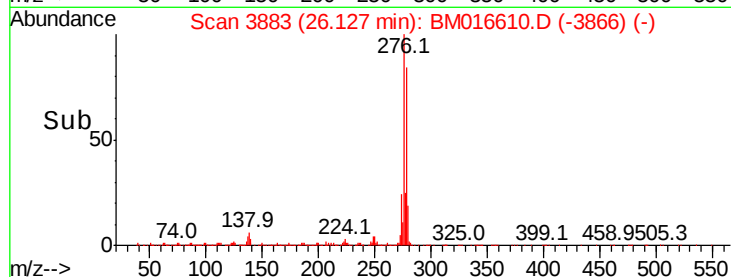
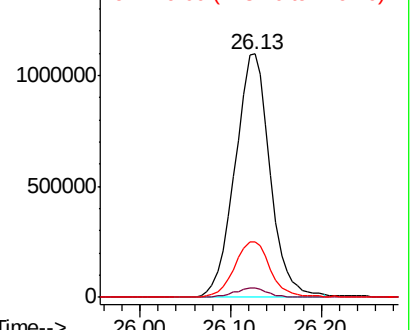


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 38.573 ng

RT: 26.84 min Scan# 4004

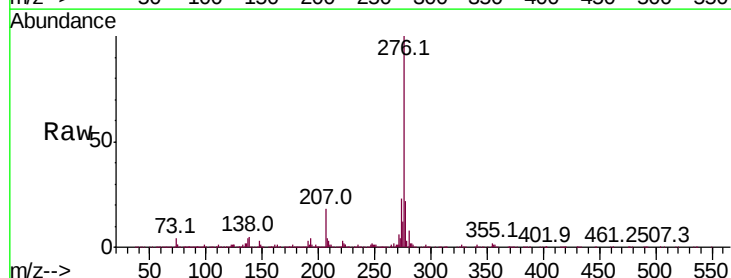
Delta R.T. -0.00 min

Lab File: BM016610.D

Acq: 27 Aug 2018 17:15

Tgt Ion:276 Resp: 2715698

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 22.4  | 18.5  | 27.7  |
| 138 | 5.1   | 19.0  | 28.6# |



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

