

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM032619\  
 Data File : BM019489.D  
 Acq On : 27 Mar 2019 02:36  
 Operator : JU/SJ  
 Sample : K2069-10  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C09C9

Quant Time: Mar 27 03:44:03 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 27 03:30:35 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.57  | 152  | 198      | 20.00 | ng/ul | -0.03    |
| 18) Naphthalene-d8        | 10.34 | 136  | 424      | 20.00 | ng/ul | -0.04    |
| 36) Acenaphthene-d10      | 14.29 | 164  | 414242   | 20.00 | ng/ul | 0.03     |
| 62) Phenanthrene-d10      | 17.02 | 188  | 902745   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.22 | 240  | 947124   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.43 | 264  | 912386   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc     | Units | Dev(Min) |
|--------------------------------|-------|------|----------|----------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.15  | 96   | 13828    | 2734.32  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.80  | 99   | 87371    | 4955.15  | ng/ul | 0.02     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.00  | 67   | 56582    | 4793.31  | ng/ul | 0.05     |
| 9) 2-Chlorophenol-d4           | 7.15  | 132  | 116684   | 8731.78  | ng/ul | 0.02     |
| 13) 4-Methylphenol-d8          | 8.39  | 113  | 693977   | 52434.47 | ng/ul | 0.08     |
| 19) Nitrobenzene-d5            | 8.86  | 128  | 126038   | 41670.96 | ng/ul | 0.09     |
| 22) 2-Nitrophenol-d4           | 9.55  | 143  | 29278    | 8697.42  | ng/ul | 0.06     |
| 26) 2,4-Dichlorophenol-d3      | 10.08 | 165  | 44482    | 7003.32  | ng/ul | 0.07     |
| 29) 4-Chloroaniline-d4         | 10.37 | 131  | 45346    | 5944.86  | ng/ul | -0.17    |
| 44) Dimethylphthalate-d6       | 13.70 | 166  | 1122121  | 33.57    | ng/ul | 0.03     |
| 47) Acenaphthylene-d8          | 13.99 | 160  | 1496734  | 35.81    | ng/ul | 0.04     |
| 52) 4-Nitrophenol-d4           | 14.52 | 143  | 38118    | 7.28     | ng/ul | 0.02     |
| 58) Fluorene-d10               | 15.27 | 176  | 985147   | 34.21    | ng/ul | 0.01     |
| 63) 4,6-Dinitro-2-methylphenol | 15.40 | 200  | 165463   | 27.72    | ng/ul | 0.00     |
| 71) Anthracene-d10             | 17.12 | 188  | 1512637  | 34.92    | ng/ul | 0.00     |
| 79) Pyrene-d10                 | 19.42 | 212  | 1631611  | 37.30    | ng/ul | 0.00     |
| 90) Benzo(a)pyrene-d12         | 23.29 | 264  | 1580104  | 32.67    | ng/ul | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 2) 1,4-Dioxane                 | 3.17  | 88   | 70       | 12.165    | ng/uL# | 29     |
| 4) Benzaldehyde                | 6.75  | 77   | 129      | 10.214    | ng/ul# | 24     |
| 6) Phenol                      | 6.83  | 94   | 2598     | 141.201   | ng/ul# | 1      |
| 10) 2-Chlorophenol             | 7.18  | 128  | 3775     | 277.886   | ng/ul# | 60     |
| 11) 2-Methylphenol             | 8.04  | 108  | 116525   | 9080.888  | ng/ul  | 92     |
| 14) Acetophenone               | 8.39  | 105  | 4865     | 225.710   | ng/ul# | 63     |
| 15) N-Nitroso-di-n-propylamine | 8.38  | 70   | 15416    | 1276.286  | ng/ul# | 42     |
| 16) 4-Methylphenol             | 8.39  | 108  | 74354    | 5283.158  | ng/ul# | 74     |
| 17) Hexachloroethane           | 8.62  | 117  | 362      | 63.405    | ng/ul# | 1      |
| 20) Nitrobenzene               | 8.79  | 77   | 350      | 38.874    | ng/ul# | 43     |
| 21) Isophorone                 | 9.30  | 82   | 271      | 17.545    | ng/ul# | 1      |
| 23) 2-Nitrophenol              | 9.49  | 139  | 497      | 133.842   | ng/ul# | 1      |
| 24) 2,4-Dimethylphenol         | 9.56  | 107  | 475      | 58.867    | ng/ul# | 50     |
| 25) Bis(2-Chloroethoxy)methane | 9.76  | 93   | 149      | 15.986    | ng/ul# | 1      |
| 27) 2,4-Dichlorophenol         | 10.07 | 162  | 472      | 75.200    | ng/ul# | 50     |
| 28) Naphthalene                | 10.40 | 128  | 1132     | 51.537    | ng/ul# | 1      |
| 30) 4-Chloroaniline            | 10.55 | 127  | 114      | 14.196    | ng/ul# | 1      |
| 32) Caprolactam                | 11.59 | 113  | 620      | 332.686   | ng/ul  | 89     |
| 33) 4-Chloro-3-methylphenol    | 11.59 | 107  | 4175     | 617.092   | ng/ul# | 32     |
| 34) 2-Methylnaphthalene        | 12.12 | 142  | 437962   | 28455.810 | ng/ul  | 100    |
| 35) 1-Methylnaphthalene        | 12.35 | 142  | 164432   | 11314.960 | ng/ul  | 95     |
| 41) 1,1'-Biphenyl              | 13.16 | 154  | 299325   | 8.484     | ng/ul# | 83     |
| 42) 2-Chloronaphthalene        | 13.32 | 162  | 34844    | 1.290     | ng/ul# | 45     |

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 Response via : Initial Calibration

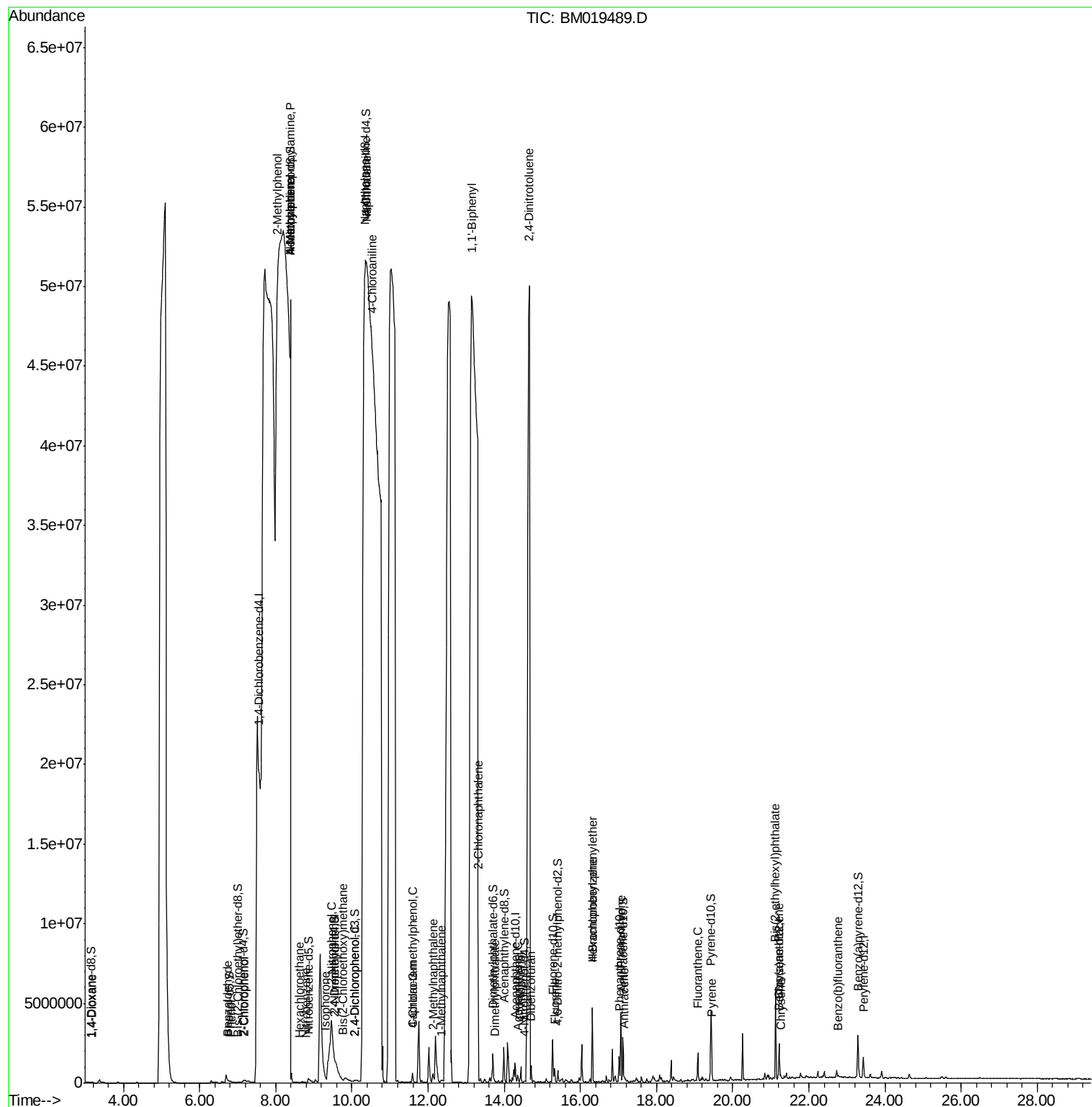
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 45) Dimethylphthalate          | 13.75 | 163  | 49129    | 1.465  | ng/ul# | 97       |
| 50) Acenaphthene               | 14.35 | 153  | 206258   | 7.070  | ng/ul  | 100      |
| 53) 4-Nitrophenol              | 14.43 | 109  | 10652    | 2.598  | ng/ul# | 1        |
| 54) Dibenzofuran               | 14.71 | 168  | 533297   | 13.090 | ng/ul  | 94       |
| 55) 2,4-Dinitrotoluene         | 14.65 | 165  | 108961   | 11.952 | ng/ul# | 1        |
| 59) Fluorene                   | 15.33 | 166  | 364045   | 11.276 | ng/ul  | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.32 | 248  | 13639    | 1.391  | ng/ul# | 1        |
| 67) Hexachlorobenzene          | 16.32 | 284  | 989806   | 83.379 | ng/ul  | 92       |
| 70) Phenanthrene               | 17.06 | 178  | 2365955  | 46.224 | ng/ul  | 100      |
| 72) Anthracene                 | 17.15 | 178  | 297822   | 5.703  | ng/ul  | 97       |
| 77) Fluoranthene               | 19.09 | 202  | 978425   | 16.682 | ng/ul# | 87       |
| 80) Pyrene                     | 19.45 | 202  | 630950   | 11.073 | ng/ul# | 82       |
| 83) Benzo(a)anthracene         | 21.20 | 228  | 158395   | 2.779  | ng/ul  | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.13 | 149  | 1941971  | 59.386 | ng/ul  | 96       |
| 85) Chrysene                   | 21.26 | 228  | 150943   | 2.759  | ng/ul  | 98       |
| 88) Benzo(b)fluoranthene       | 22.77 | 252  | 101877   | 1.833  | ng/ul# | 91       |

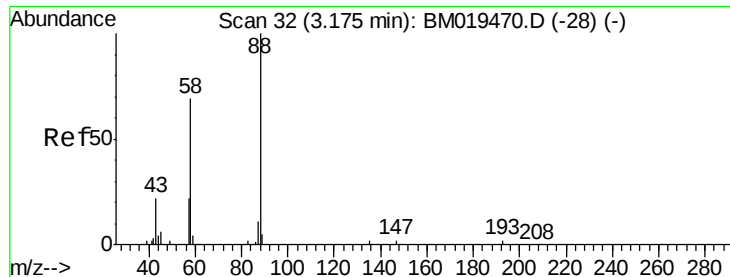
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 12.165 ng/uL

RT: 3.17 min Scan# 31

Delta R.T. -0.01 min

Lab File: BM019489.D

Acq: 27 Mar 2019 02:36

Instrument :

BNA\_M

ClientSampleId :

C09C9

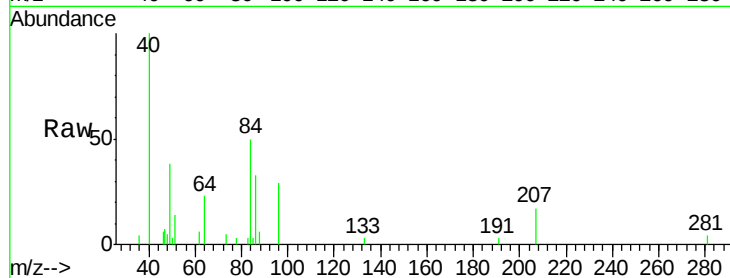
Tgt Ion: 88 Resp: 70

Ion Ratio Lower Upper

88 100

43 0.0 29.0 43.4#

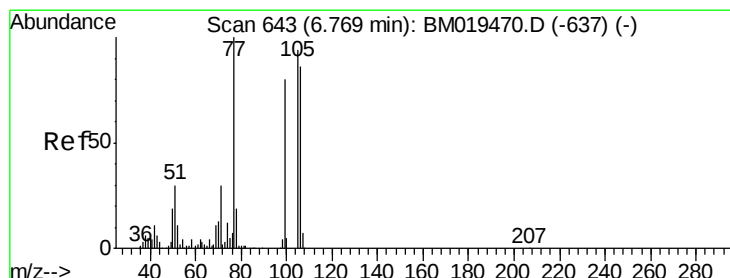
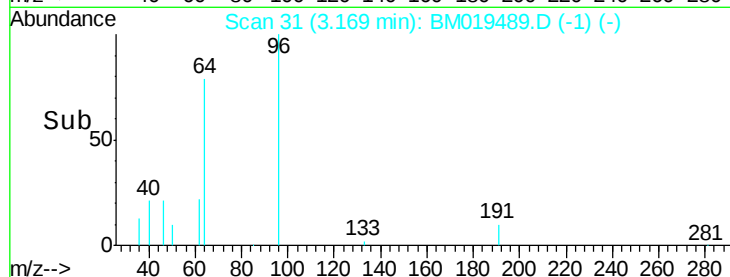
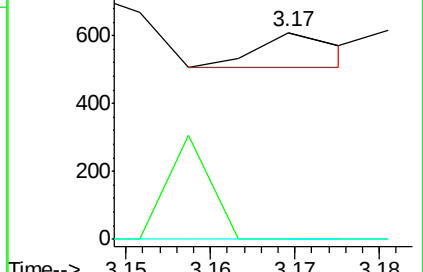
58 0.0 45.9 68.9#



Abundance Ion 88.00 (87.70 to 88.70): BM019470.D (-28) (-)

Ion 43.00 (42.70 to 43.70): BM019470.D (-28) (-)

Ion 58.00 (57.70 to 58.70): BM019470.D (-28) (-)



#4

Benzaldehyde

Concen: 10.214 ng/uL

RT: 6.75 min Scan# 640

Delta R.T. -0.02 min

Lab File: BM019489.D

Acq: 27 Mar 2019 02:36

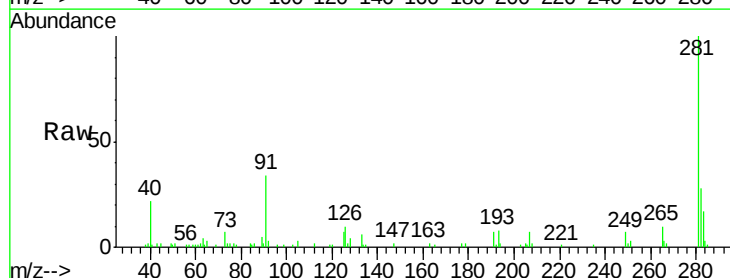
Tgt Ion: 77 Resp: 129

Ion Ratio Lower Upper

77 100

105 142.6 71.0 106.6#

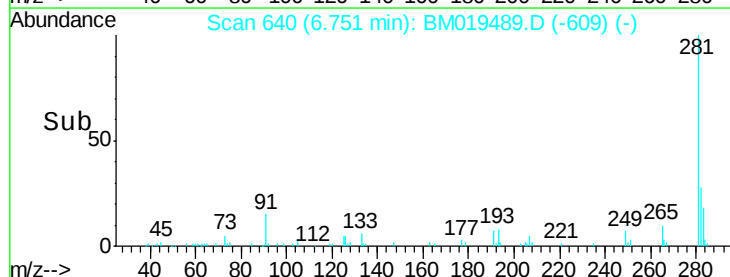
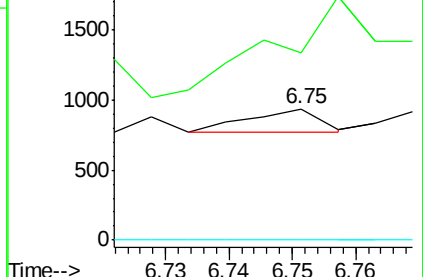
106 0.0 69.5 104.3#

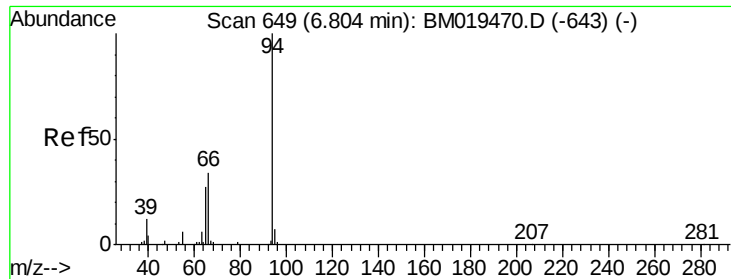


Abundance Ion 77.00 (76.70 to 77.70): BM019470.D (-637) (-)

Ion 105.00 (104.70 to 105.70): BM019470.D (-637) (-)

Ion 106.00 (105.70 to 106.70): BM019470.D (-637) (-)





#6

Phenol

Concen: 141.201 ng/ul

RT: 6.83 min Scan# 653

Delta R.T. 0.02 min

Lab File: BM019489.D

Acq: 27 Mar 2019 02:36

Instrument :

BNA\_M

ClientSampled :

C09C9

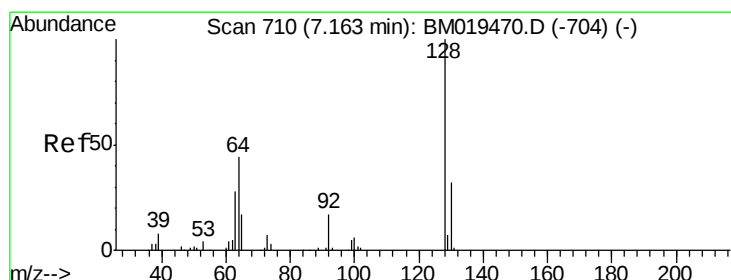
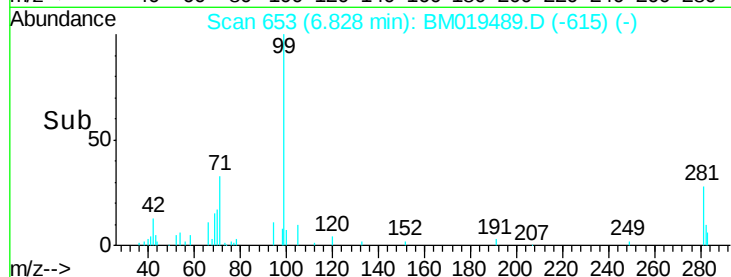
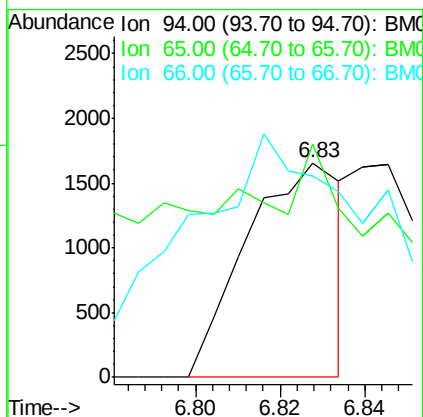
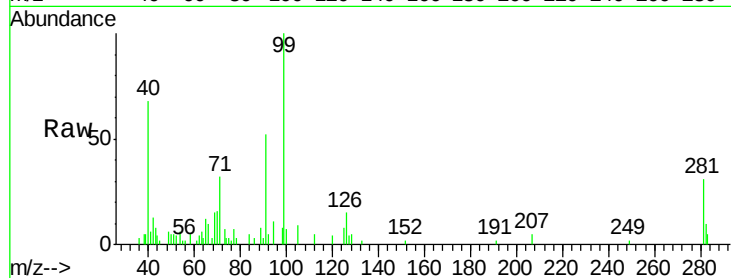
Tgt Ion: 94 Resp: 2598

Ion Ratio Lower Upper

94 100

65 108.7 23.0 34.6#

66 93.7 30.4 45.6#



#10

2-Chlorophenol

Concen: 277.886 ng/ul

RT: 7.18 min Scan# 713

Delta R.T. 0.02 min

Lab File: BM019489.D

Acq: 27 Mar 2019 02:36

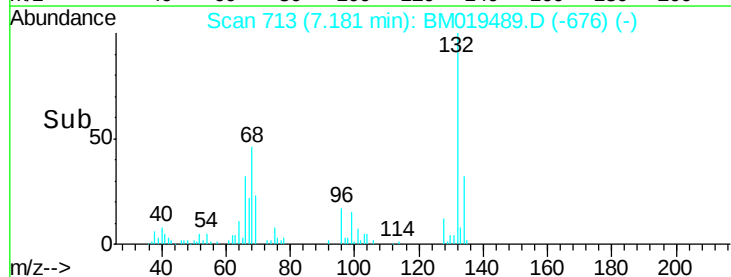
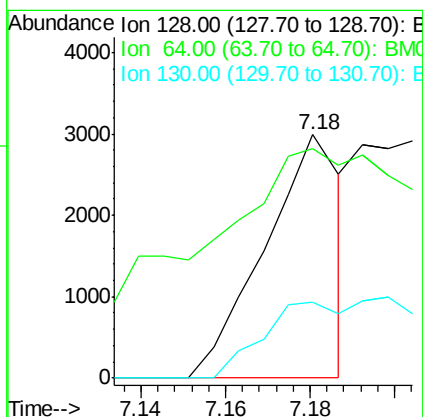
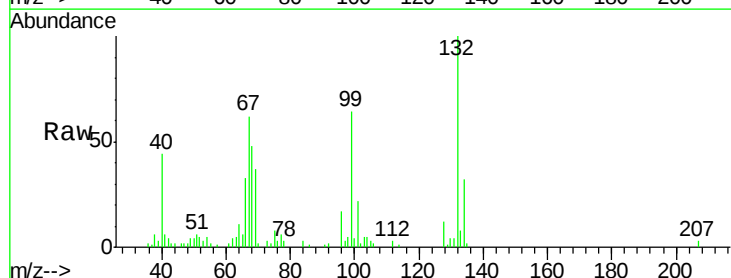
Tgt Ion: 128 Resp: 3775

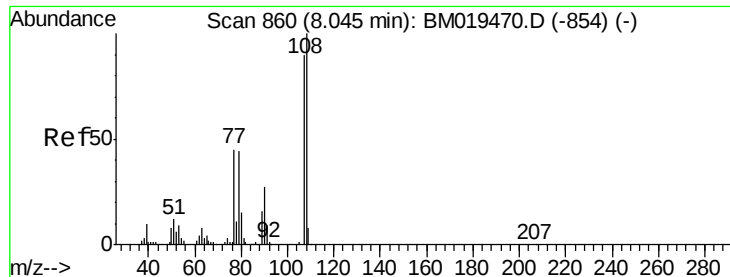
Ion Ratio Lower Upper

128 100

64 94.3 39.8 59.6#

130 31.4 25.8 38.8





#11

2-Methylphenol

Concen: 9080.888 ng/ul

RT: 8.04 min Scan# 859

Delta R.T. -0.01 min

Lab File: BM019489.D

Acq: 27 Mar 2019 02:36

Instrument :

BNA\_M

ClientSampleId :

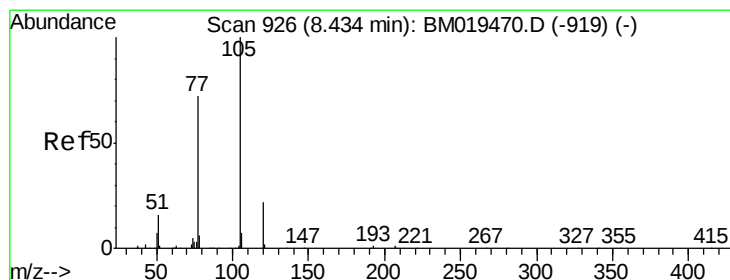
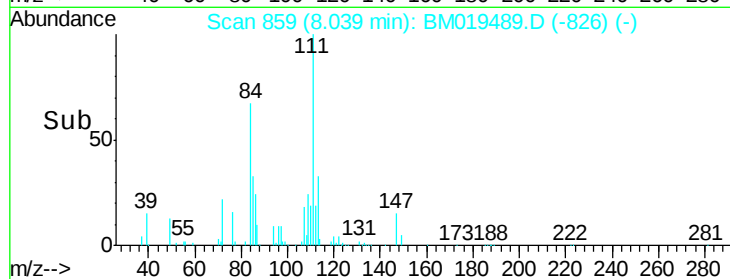
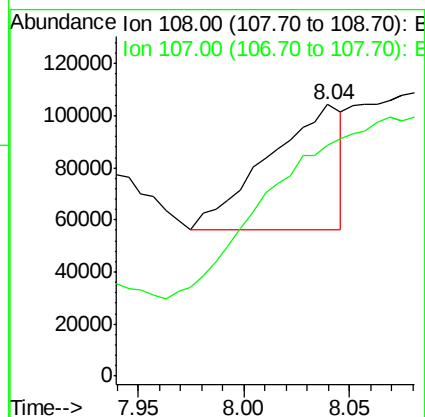
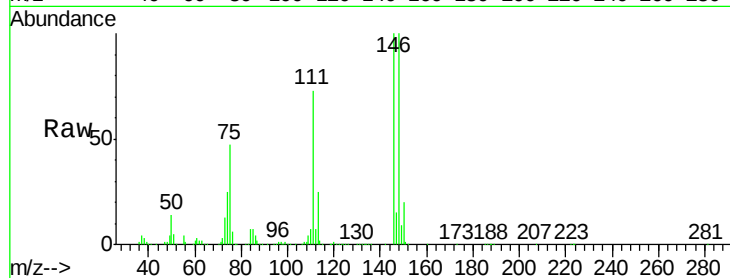
C09C9

Tgt Ion:108 Resp: 116525

Ion Ratio Lower Upper

108 100

107 85.3 74.1 111.1



#14

Acetophenone

Concen: 225.710 ng/ul

RT: 8.39 min Scan# 919

Delta R.T. -0.04 min

Lab File: BM019489.D

Acq: 27 Mar 2019 02:36

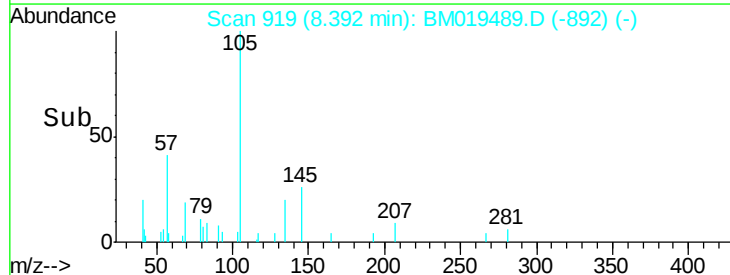
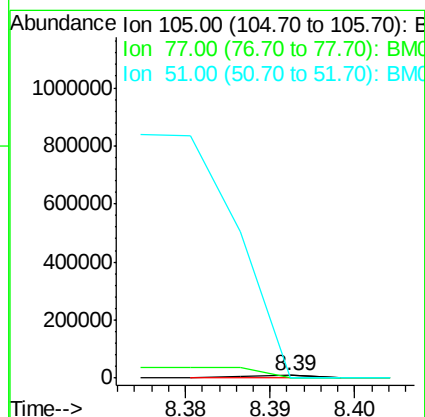
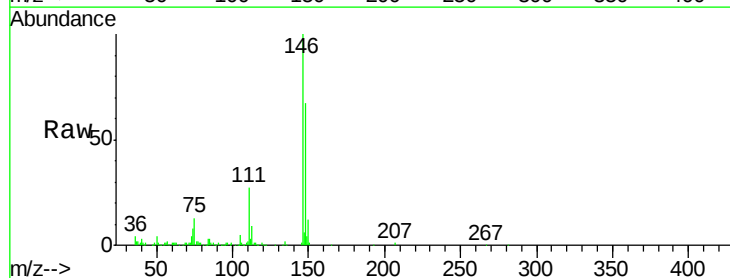
Tgt Ion:105 Resp: 4865

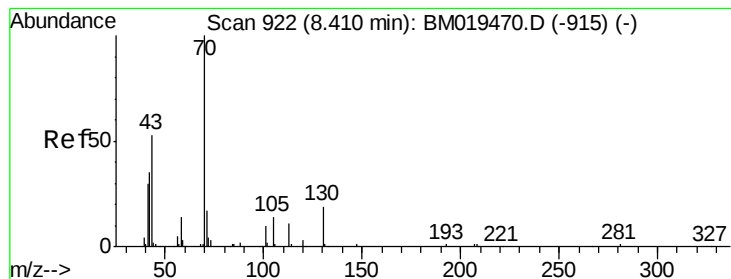
Ion Ratio Lower Upper

105 100

77 37.0 63.2 94.8#

51 26.7 19.8 29.8





#15

N-Nitroso-di-n-propylamine

Concen: 1276.286 ng/ul

RT: 8.38 min Scan# 917

Delta R.T. -0.03 min

Lab File: BM019489.D

Acq: 27 Mar 2019 02:36

Instrument :

BNA\_M

ClientSampleId :

C09C9

Tgt Ion: 70 Resp: 15416

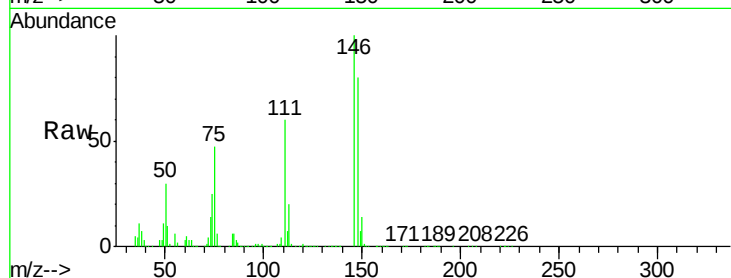
Ion Ratio Lower Upper

70 100

42 0.0 40.2 60.4#

101 13.3 7.7 11.5#

130 0.0 17.8 26.6#



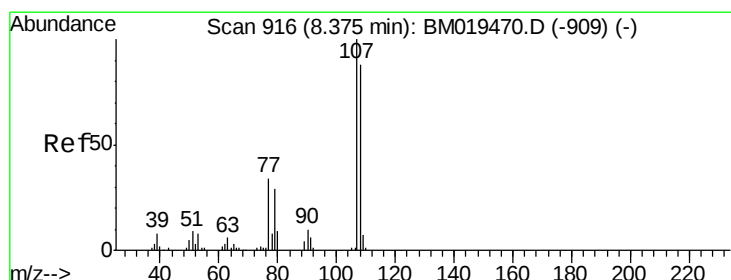
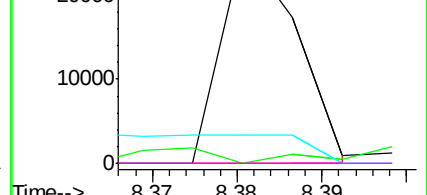
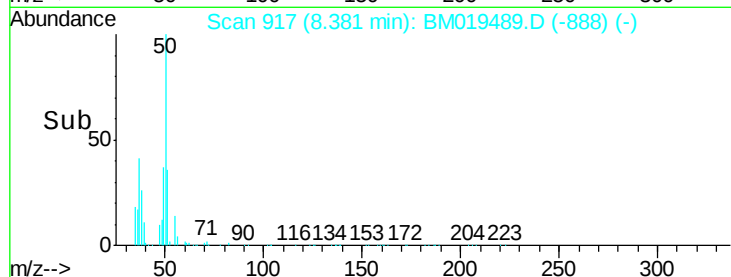
Abundance Ion 70.00 (69.70 to 70.70): BM019470.D (-915) (-)

Ion 42.00 (41.70 to 42.70): BM019470.D (-915) (-)

Ion 101.00 (100.70 to 101.70): BM019470.D (-915) (-)

Ion 130.00 (129.70 to 130.70): BM019470.D (-915) (-)

Time-->



#16

4-Methylphenol

Concen: 5283.158 ng/ul

RT: 8.39 min Scan# 918

Delta R.T. 0.01 min

Lab File: BM019489.D

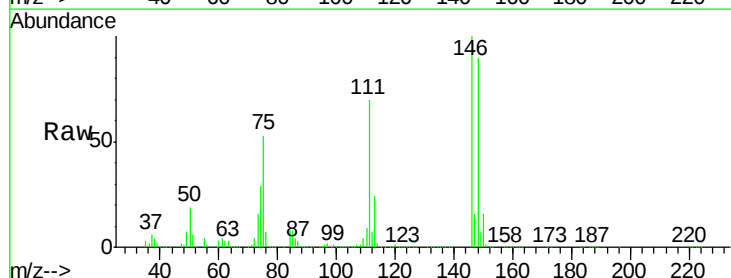
Acq: 27 Mar 2019 02:36

Tgt Ion: 108 Resp: 74354

Ion Ratio Lower Upper

108 100

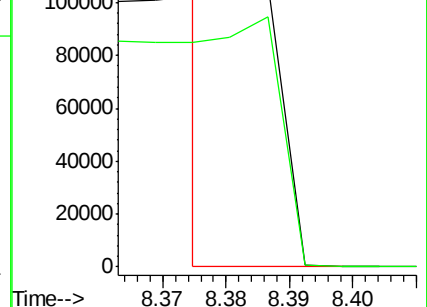
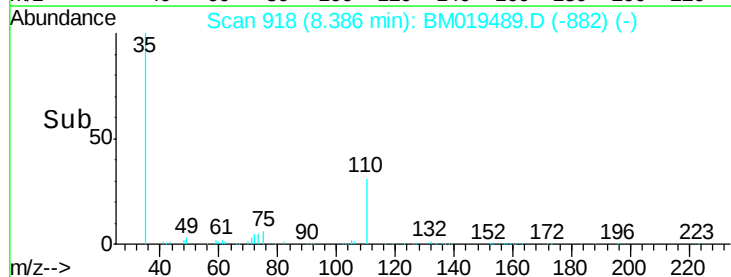
107 88.3 93.6 140.4#

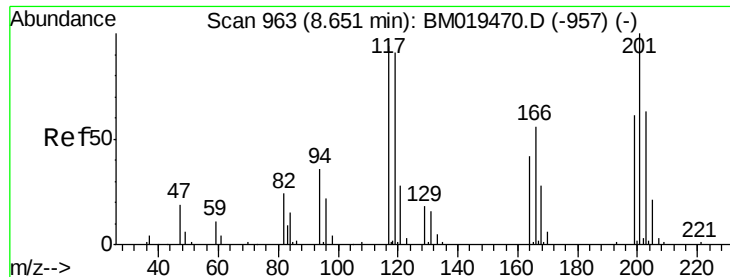


Abundance Ion 108.00 (107.70 to 108.70): BM019470.D (-909) (-)

Ion 107.00 (106.70 to 107.70): BM019470.D (-909) (-)

Time-->

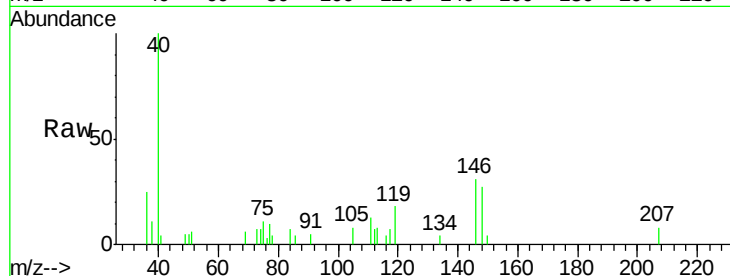




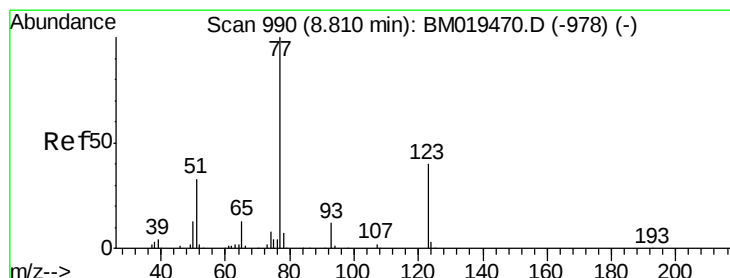
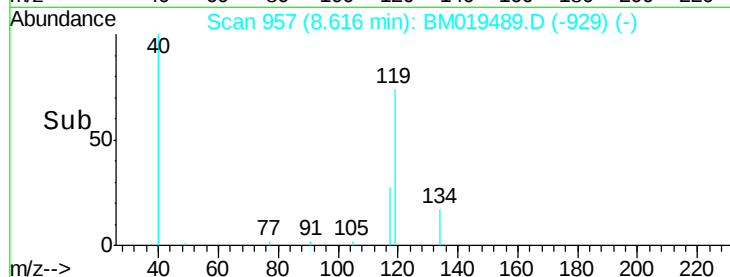
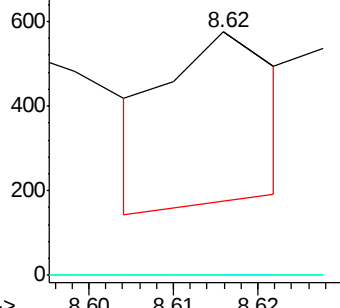
#17  
Hexachloroethane  
Concen: 63.405 ng/ul  
RT: 8.62 min Scan# 957  
Delta R.T. -0.04 min  
Lab File: BM019489.D  
Acq: 27 Mar 2019 02:36

Instrument :  
BNA\_M  
ClientSampleId :  
C09C9

Tgt Ion: 117 Resp: 362  
Ion Ratio Lower Upper  
117 100  
201 0.0 96.1 144.1#  
199 0.0 59.7 89.5#

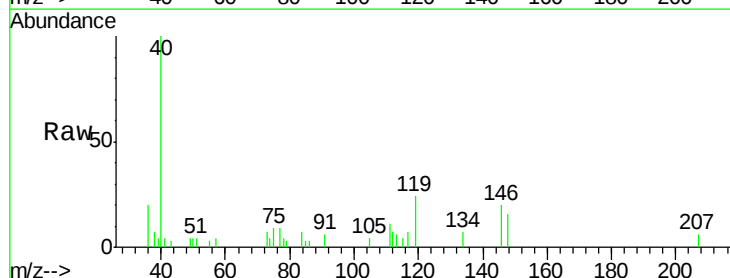


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

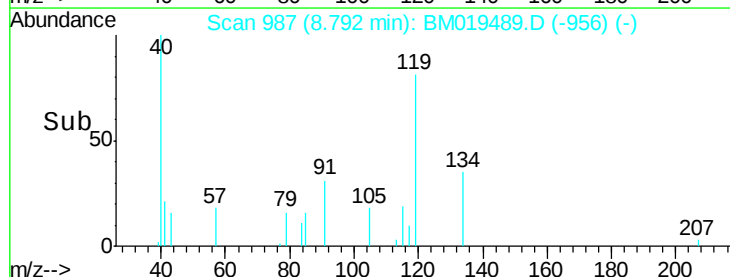
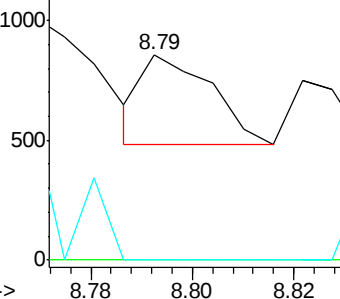


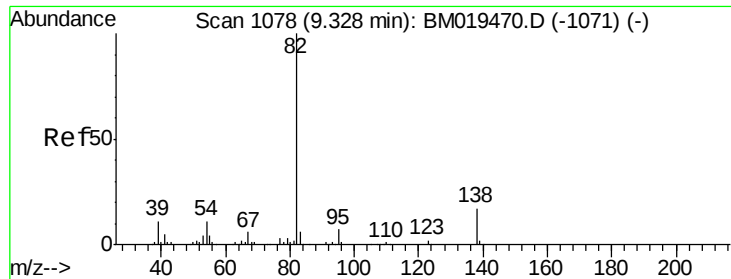
#20  
Nitrobenzene  
Concen: 38.874 ng/ul  
RT: 8.79 min Scan# 987  
Delta R.T. -0.02 min  
Lab File: BM019489.D  
Acq: 27 Mar 2019 02:36

Tgt Ion: 77 Resp: 350  
Ion Ratio Lower Upper  
77 100  
123 0.0 31.8 47.8#  
65 0.0 10.6 16.0#



Abundance Ion 77.00 (76.70 to 77.70): BM0  
Ion 123.00 (122.70 to 123.70): E  
Ion 65.00 (64.70 to 65.70): BM0

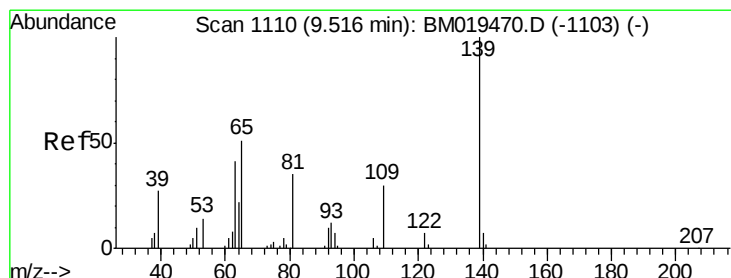
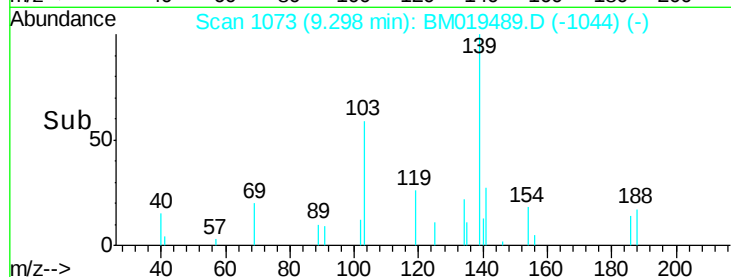
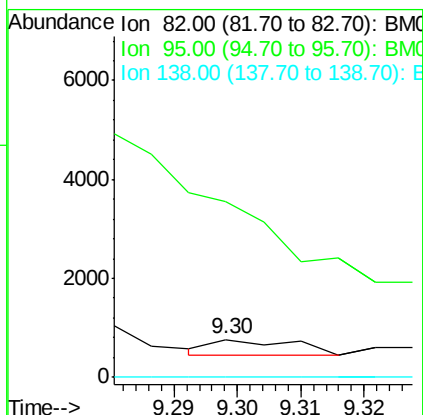
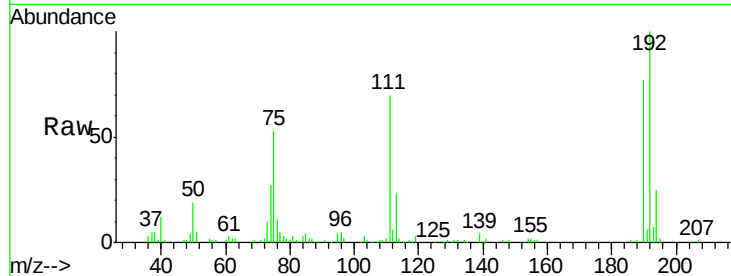




#21  
Isophorone  
Concen: 17.545 ng/ul  
RT: 9.30 min Scan# 1073  
Delta R.T. -0.03 min  
Lab File: BM019489.D  
Acq: 27 Mar 2019 02:36

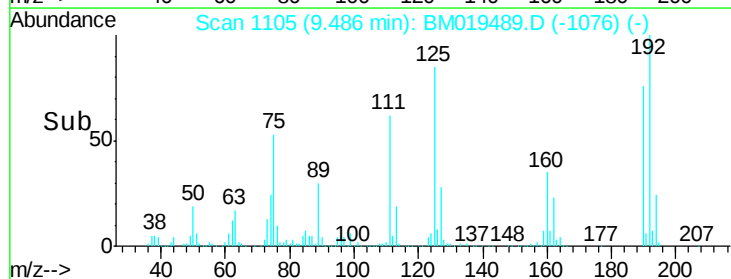
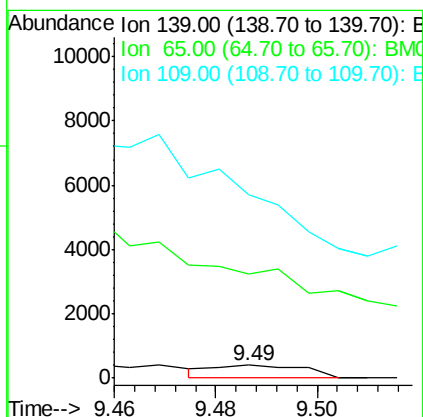
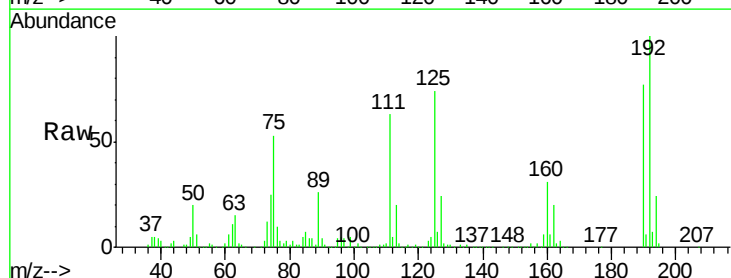
Instrument :  
BNA\_M  
ClientSampleId :  
C09C9

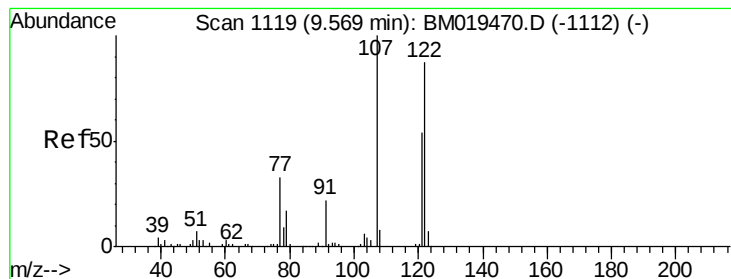
Tgt Ion: 82 Resp: 271  
Ion Ratio Lower Upper  
82 100  
95 463.8 6.1 9.1#  
138 0.0 13.5 20.3#



#23  
2-Nitrophenol  
Concen: 133.842 ng/ul  
RT: 9.49 min Scan# 1105  
Delta R.T. -0.03 min  
Lab File: BM019489.D  
Acq: 27 Mar 2019 02:36

Tgt Ion: 139 Resp: 497  
Ion Ratio Lower Upper  
139 100  
65 793.1 45.3 67.9#  
109 1409.4 27.7 41.5#





#24

2,4-Dimethylphenol

Concen: 58.867 ng/ul

RT: 9.56 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BM019489.D

Acq: 27 Mar 2019 02:36

Instrument :

BNA\_M

ClientSampled :

C09C9

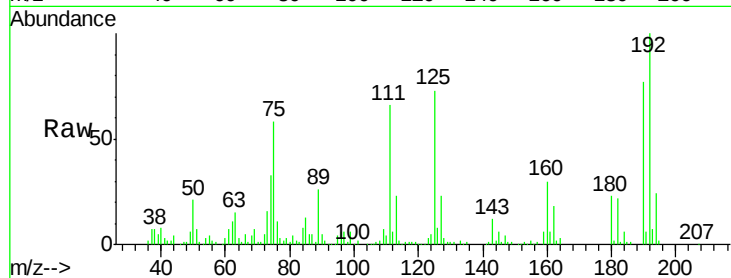
Tgt Ion:107 Resp: 475

Ion Ratio Lower Upper

107 100

121 27.6 38.1 57.1#

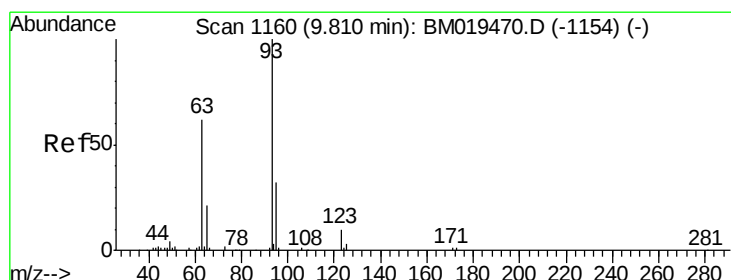
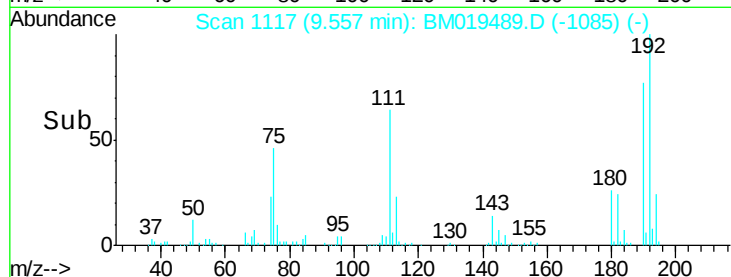
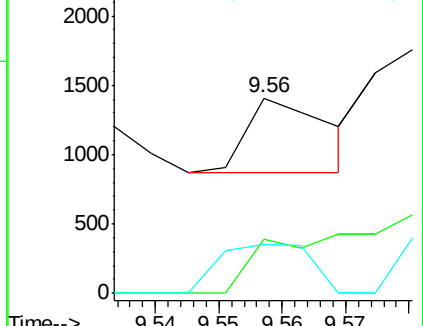
122 25.3 63.8 95.8#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 15.986 ng/ul

RT: 9.76 min Scan# 1152

Delta R.T. -0.05 min

Lab File: BM019489.D

Acq: 27 Mar 2019 02:36

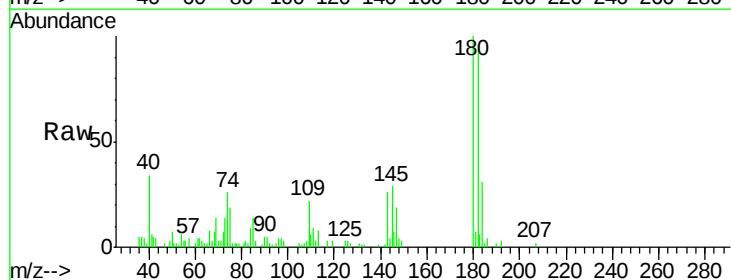
Tgt Ion: 93 Resp: 149

Ion Ratio Lower Upper

93 100

95 126.6 24.7 37.1#

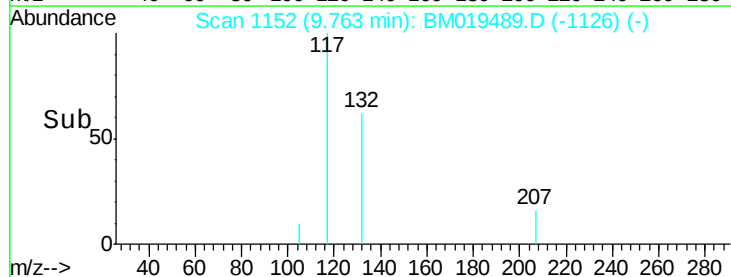
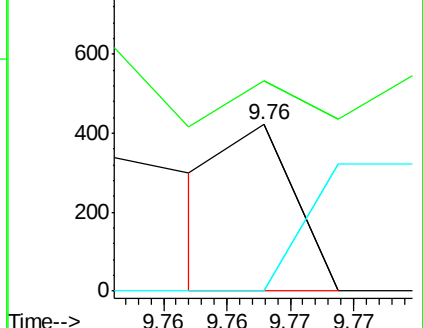
123 0.0 8.2 12.2#

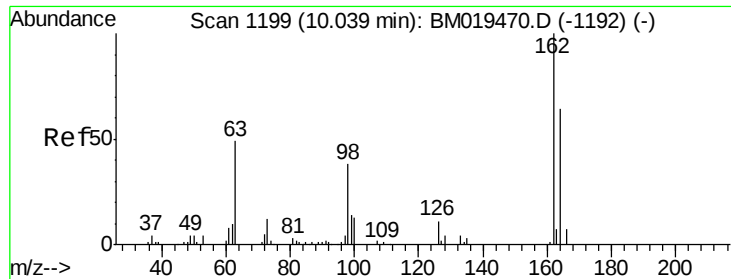


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

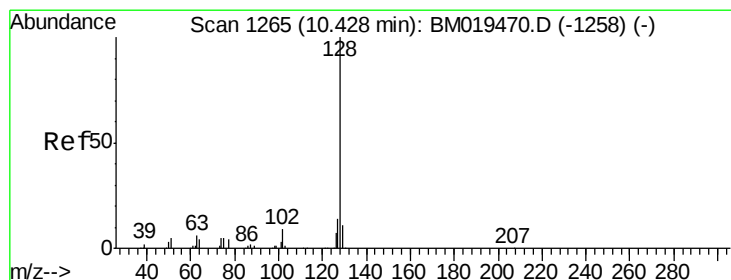
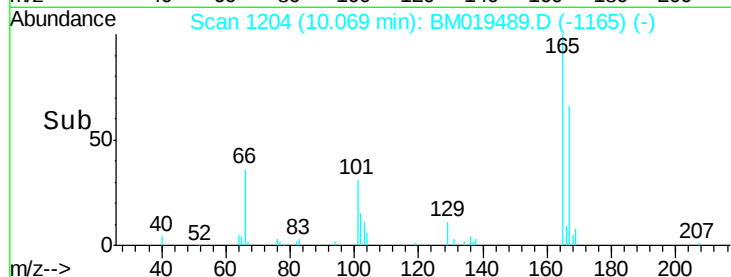
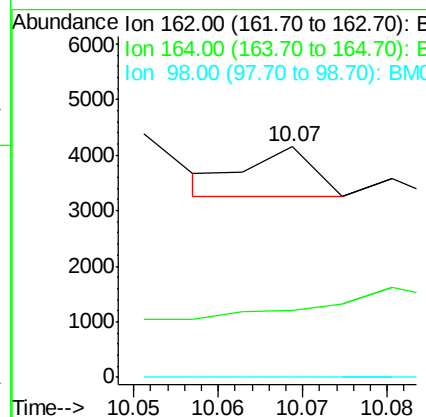
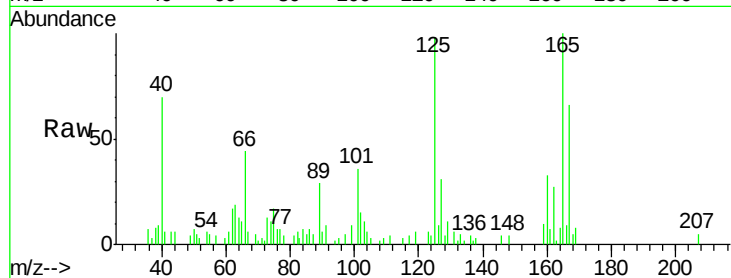




#27  
 2,4-Dichlorophenol  
 Concen: 75.200 ng/ul  
 RT: 10.07 min Scan# 1204  
 Delta R.T. 0.03 min  
 Lab File: BM019489.D  
 Acq: 27 Mar 2019 02:36

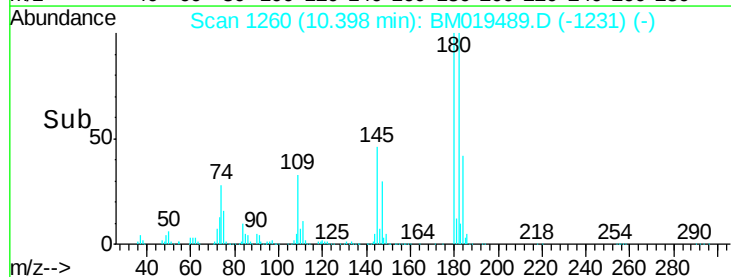
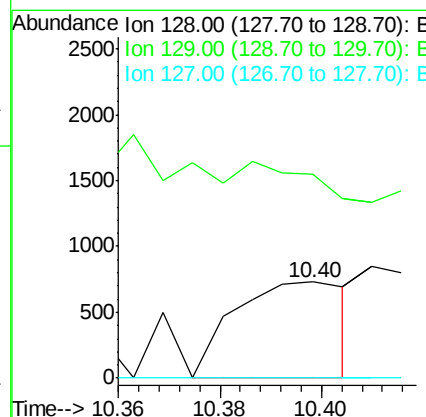
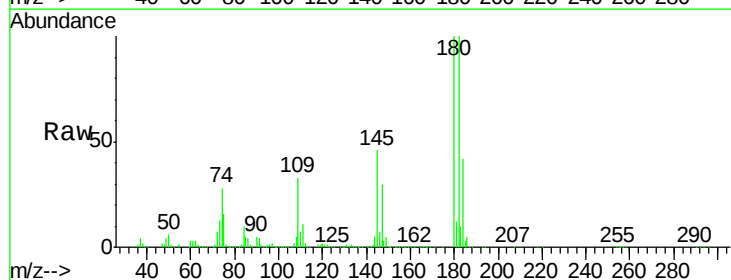
Instrument :  
 BNA\_M  
 ClientSampleId :  
 C09C9

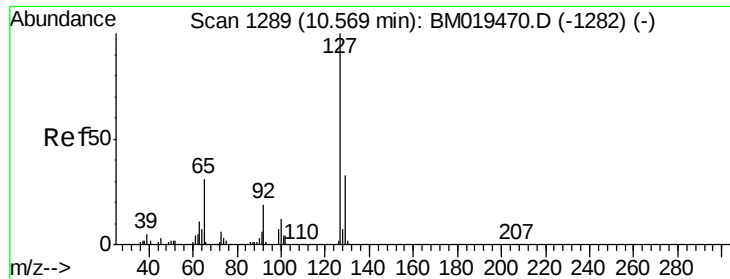
Tgt Ion:162 Resp: 472  
 Ion Ratio Lower Upper  
 162 100  
 164 28.9 52.0 78.0#  
 98 0.0 26.6 39.8#



#28  
 Naphthalene  
 Concen: 51.537 ng/ul  
 RT: 10.40 min Scan# 1260  
 Delta R.T. -0.03 min  
 Lab File: BM019489.D  
 Acq: 27 Mar 2019 02:36

Tgt Ion:128 Resp: 1132  
 Ion Ratio Lower Upper  
 128 100  
 129 211.5 8.3 12.5#  
 127 0.0 10.8 16.2#

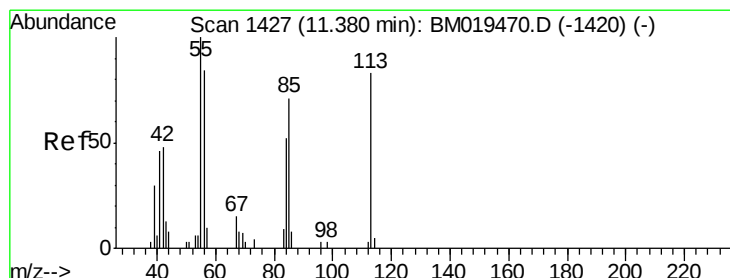
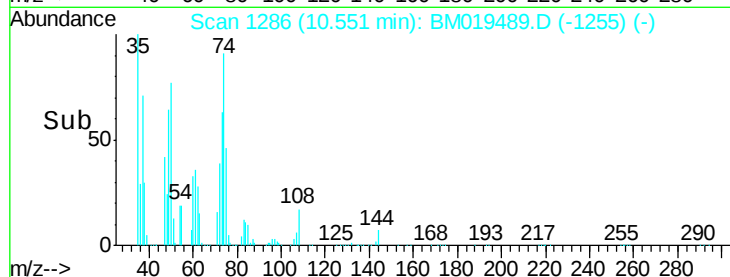
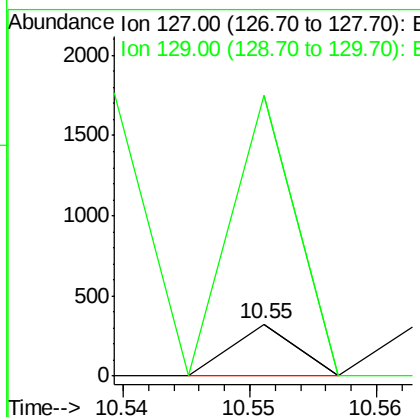
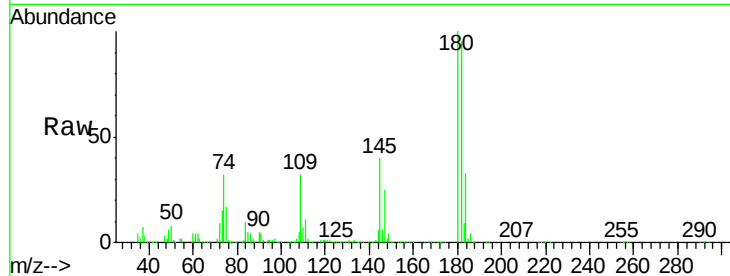




#30  
4-Chloroaniline  
Concen: 14.196 ng/ul  
RT: 10.55 min Scan# 1286  
Delta R.T. -0.02 min  
Lab File: BM019489.D  
Acq: 27 Mar 2019 02:36

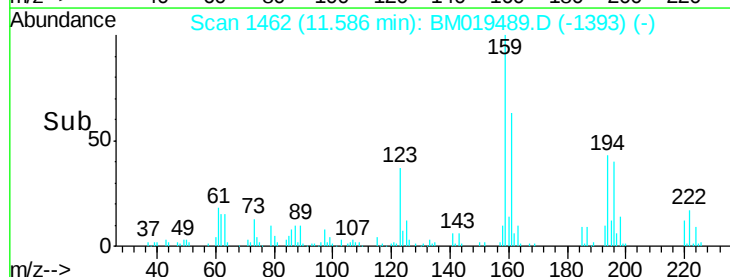
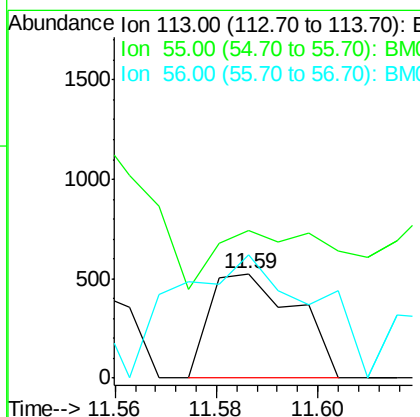
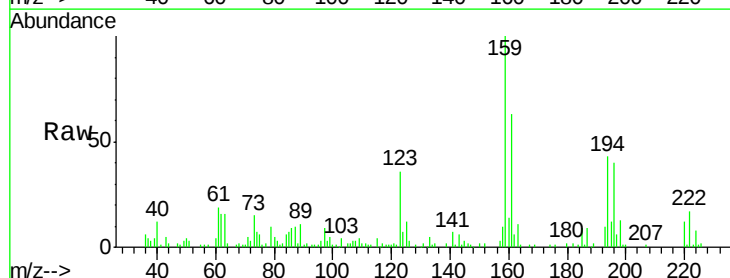
Instrument :  
BNA\_M  
ClientSampleId :  
C09C9

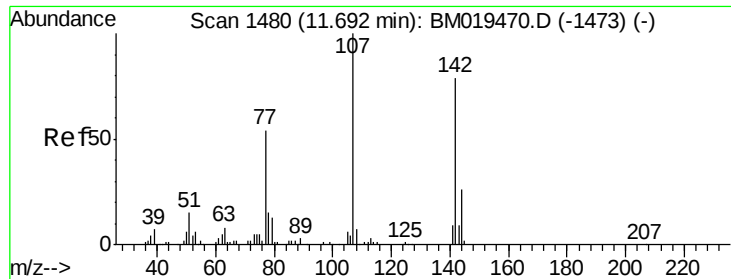
Tgt Ion:127 Resp: 114  
Ion Ratio Lower Upper  
127 100  
129 540.1 24.6 37.0#



#32  
Caprolactam  
Concen: 332.686 ng/ul  
RT: 11.59 min Scan# 1462  
Delta R.T. 0.21 min  
Lab File: BM019489.D  
Acq: 27 Mar 2019 02:36

Tgt Ion:113 Resp: 620  
Ion Ratio Lower Upper  
113 100  
55 141.4 131.7 197.5  
56 117.7 92.7 139.1

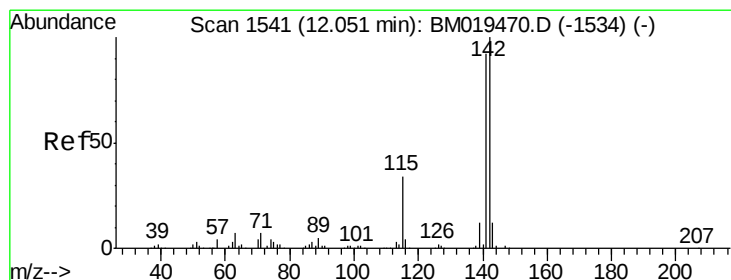
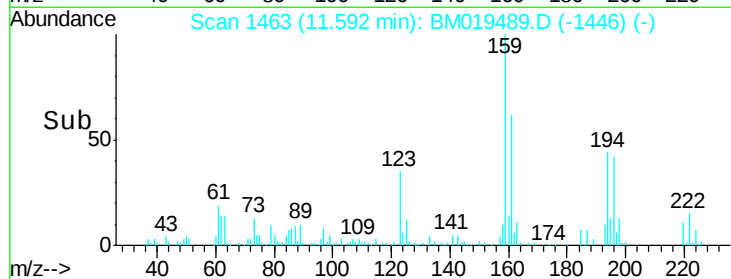
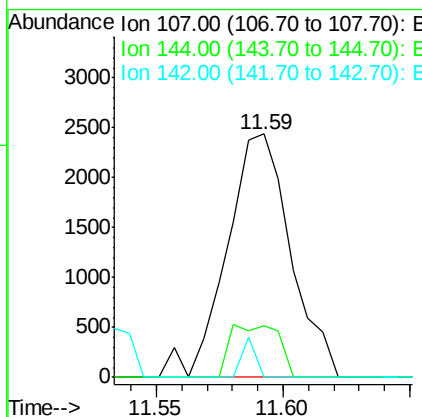
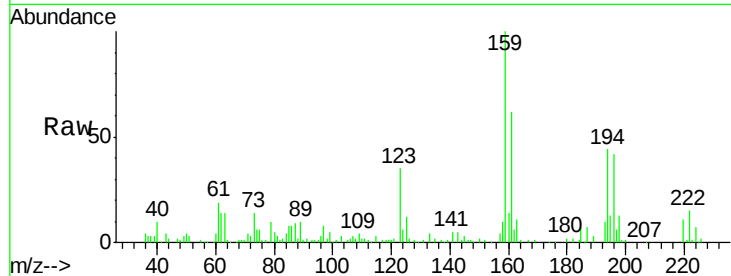




#33  
 4-Chloro-3-methylphenol  
 Concen: 617.092 ng/ul  
 RT: 11.59 min Scan# 1463  
 Delta R.T. -0.10 min  
 Lab File: BM019489.D  
 Acq: 27 Mar 2019 02:36

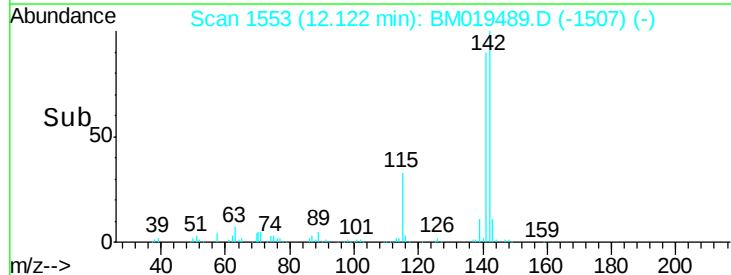
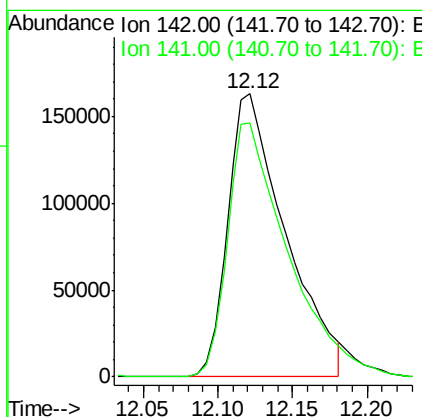
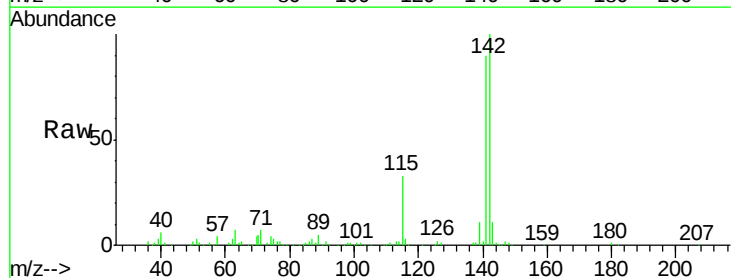
Instrument :  
 BNA\_M  
 ClientSampleId :  
 C09C9

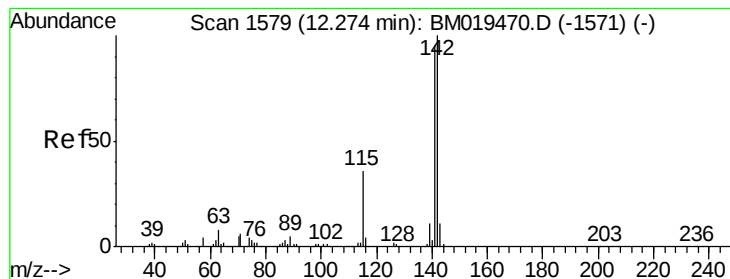
Tgt Ion:107 Resp: 4175  
 Ion Ratio Lower Upper  
 107 100  
 144 21.2 21.1 31.7  
 142 0.0 60.1 90.1#



#34  
 2-Methylnaphthalene  
 Concen: 28455.810 ng/ul  
 RT: 12.12 min Scan# 1553  
 Delta R.T. 0.07 min  
 Lab File: BM019489.D  
 Acq: 27 Mar 2019 02:36

Tgt Ion:142 Resp: 437962  
 Ion Ratio Lower Upper  
 142 100  
 141 89.6 71.4 107.2





#35

1-Methylnaphthalene

Concen: 11314.960 ng/ul

RT: 12.35 min Scan# 1591

Delta R.T. 0.07 min

Lab File: BM019489.D

Acq: 27 Mar 2019 02:36

Instrument :

BNA\_M

ClientSampleId :

C09C9

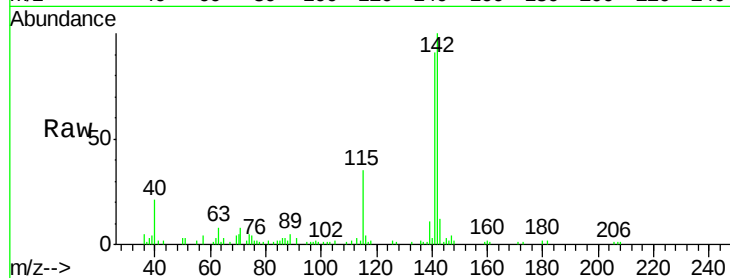
Tgt Ion:142 Resp: 164432

Ion Ratio Lower Upper

142 100

141 90.5 76.6 115.0

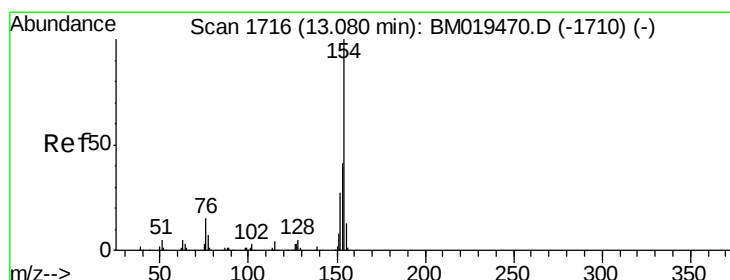
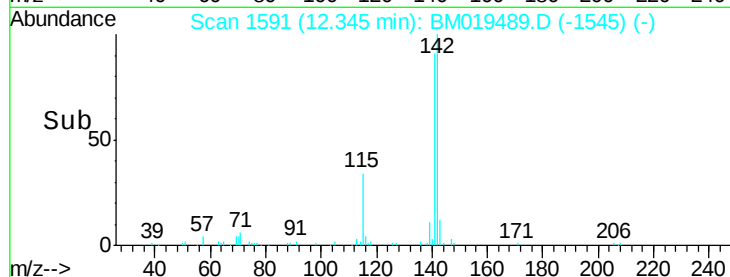
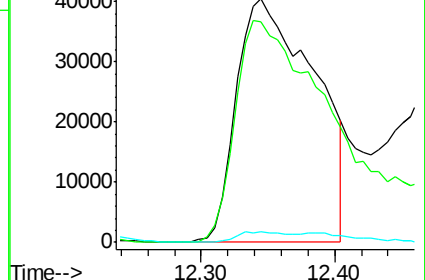
116 4.3 3.6 5.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#41

1,1'-Biphenyl

Concen: 8.484 ng/ul

RT: 13.16 min Scan# 1729

Delta R.T. 0.08 min

Lab File: BM019489.D

Acq: 27 Mar 2019 02:36

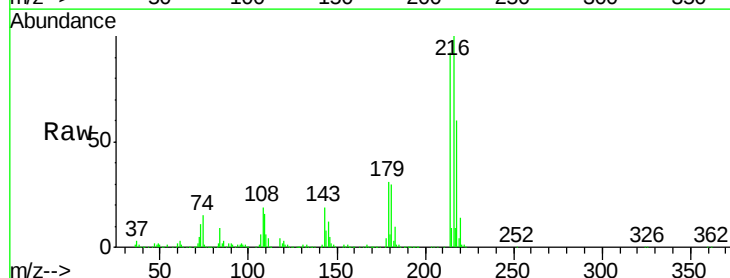
Tgt Ion:154 Resp: 299325

Ion Ratio Lower Upper

154 100

153 31.3 34.0 51.0#

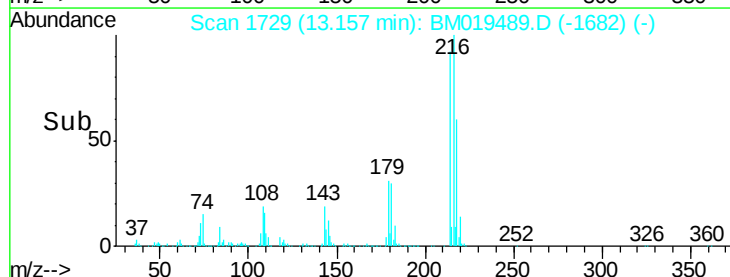
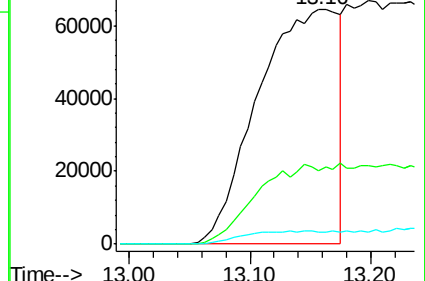
76 5.1 8.4 12.6#

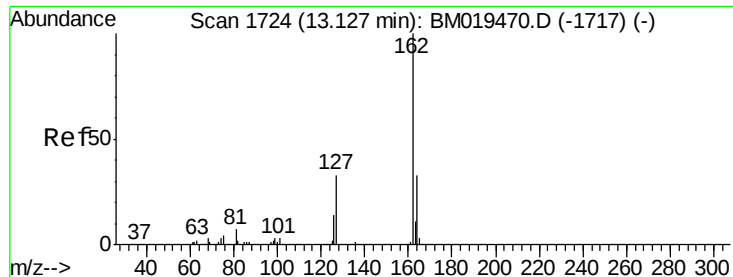


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM

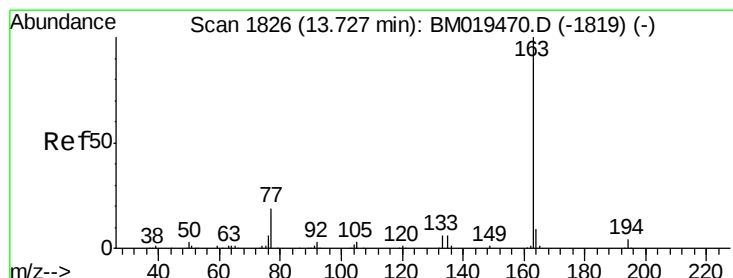
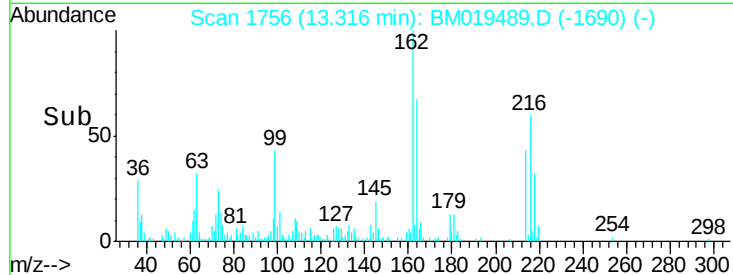
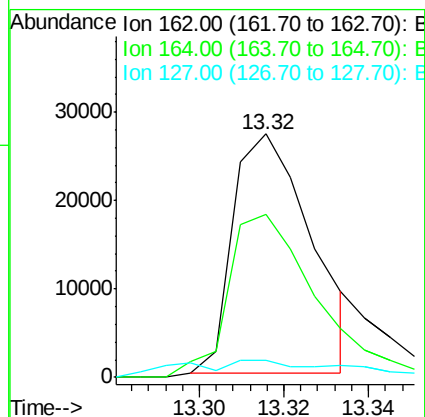
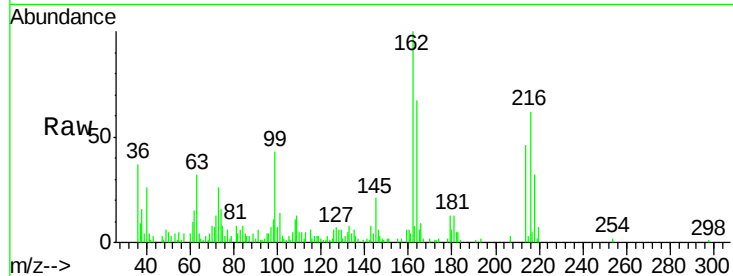




#42  
 2-Chloronaphthalene  
 Concen: 1.290 ng/ul  
 RT: 13.32 min Scan# 1756  
 Delta R.T. 0.19 min  
 Lab File: BM019489.D  
 Acq: 27 Mar 2019 02:36

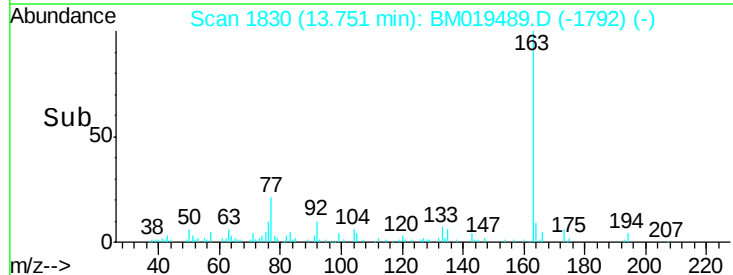
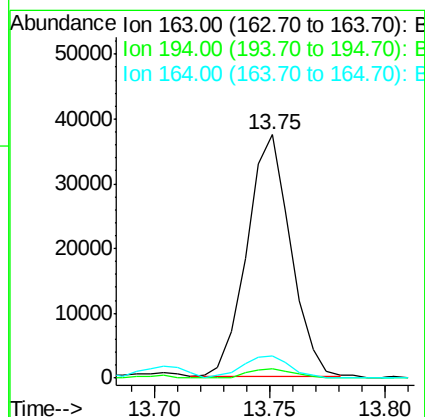
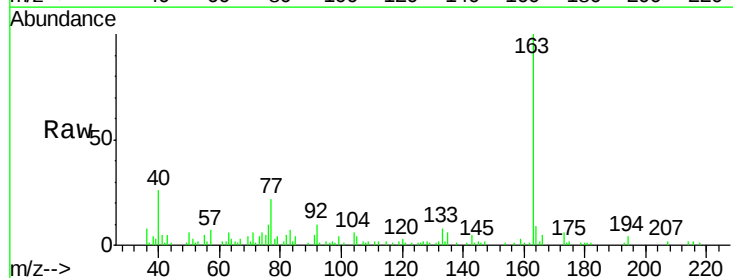
Instrument :  
 BNA\_M  
 ClientSampleId :  
 C09C9

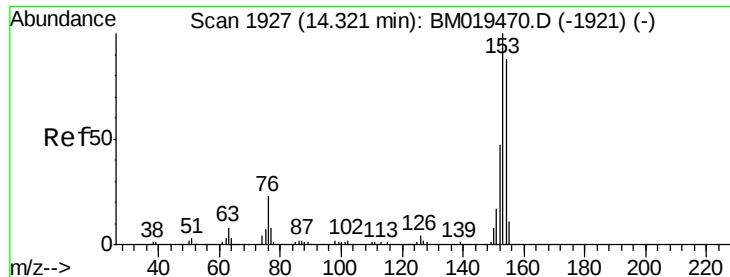
Tgt Ion:162 Resp: 34844  
 Ion Ratio Lower Upper  
 162 100  
 164 67.2 26.2 39.4#  
 127 7.2 29.5 44.3#



#45  
 Dimethylphthalate  
 Concen: 1.465 ng/ul  
 RT: 13.75 min Scan# 1830  
 Delta R.T. 0.02 min  
 Lab File: BM019489.D  
 Acq: 27 Mar 2019 02:36

Tgt Ion:163 Resp: 49129  
 Ion Ratio Lower Upper  
 163 100  
 194 3.8 4.0 6.0#  
 164 9.3 8.4 12.6





#50

Acenaphthene

Concen: 7.070 ng/ul

RT: 14.35 min Scan# 1932

Delta R.T. 0.03 min

Lab File: BM019489.D

Acq: 27 Mar 2019 02:36

Instrument :

BNA\_M

ClientSampleId :

C09C9

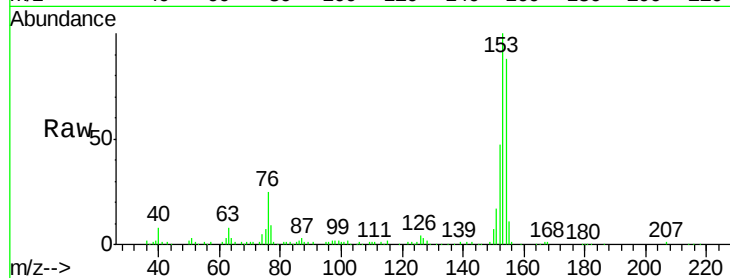
Tgt Ion:153 Resp: 206258

Ion Ratio Lower Upper

153 100

152 47.1 37.9 56.9

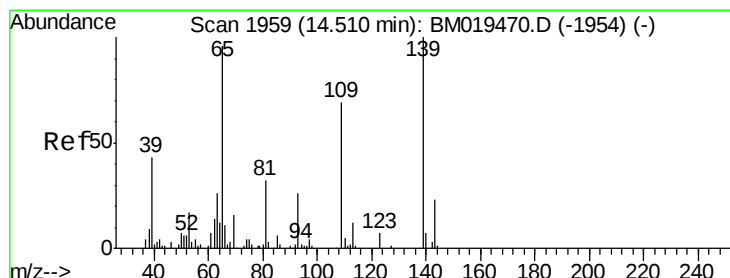
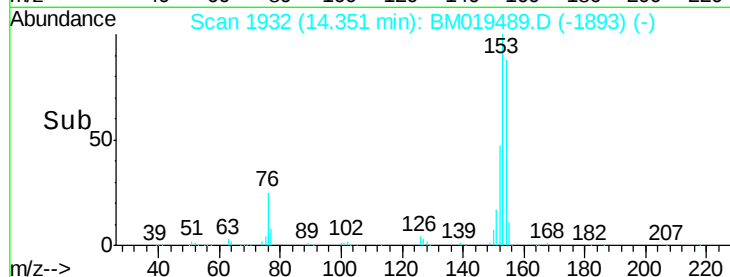
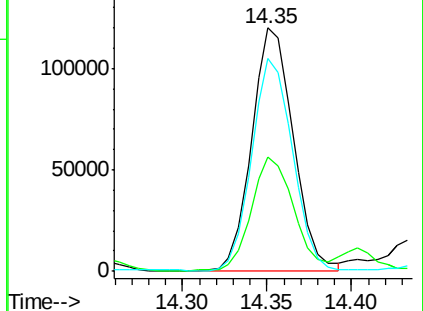
154 87.7 69.8 104.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

4-Nitrophenol

Concen: 2.598 ng/ul

RT: 14.43 min Scan# 1946

Delta R.T. -0.08 min

Lab File: BM019489.D

Acq: 27 Mar 2019 02:36

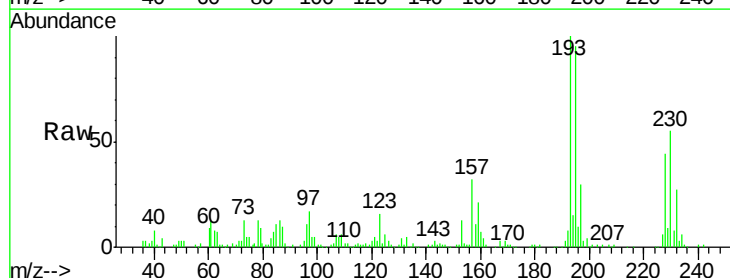
Tgt Ion:109 Resp: 10652

Ion Ratio Lower Upper

109 100

139 0.0 91.2 136.8#

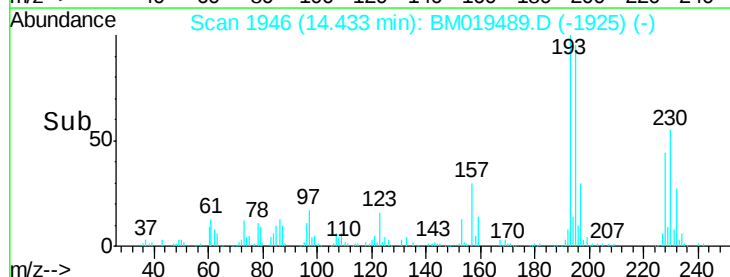
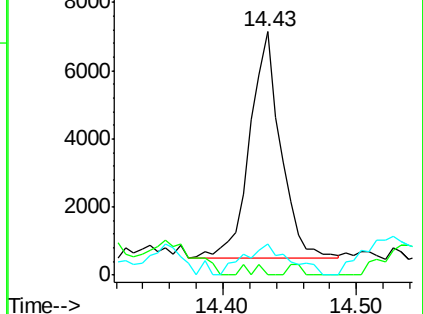
65 12.8 92.6 139.0#

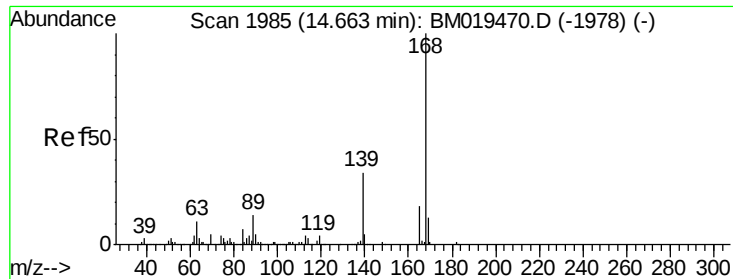


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM





#54

Dibenzofuran

Concen: 13.090 ng/ul

RT: 14.71 min Scan# 1993

Delta R.T. 0.05 min

Lab File: BM019489.D

Acq: 27 Mar 2019 02:36

Instrument :

BNA\_M

ClientSampleId :

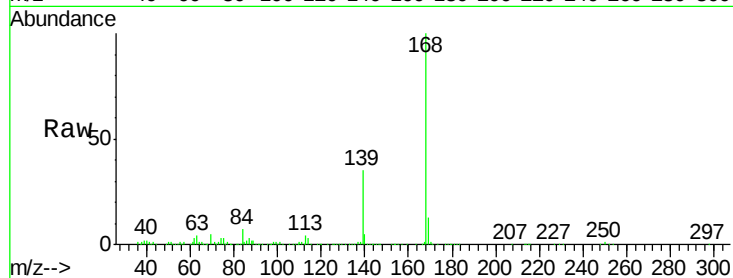
C09C9

Tgt Ion:168 Resp: 533297

Ion Ratio Lower Upper

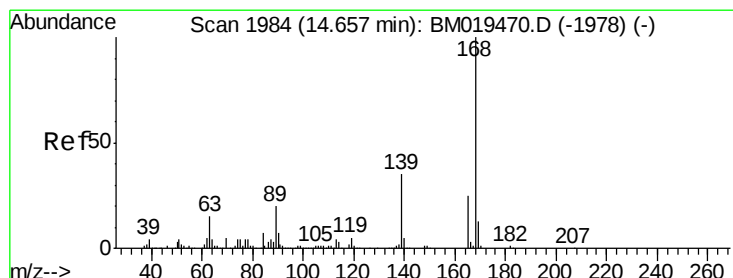
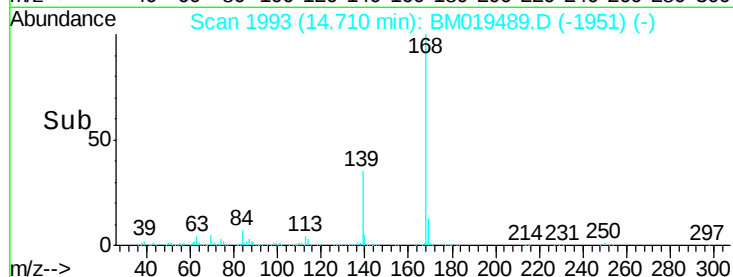
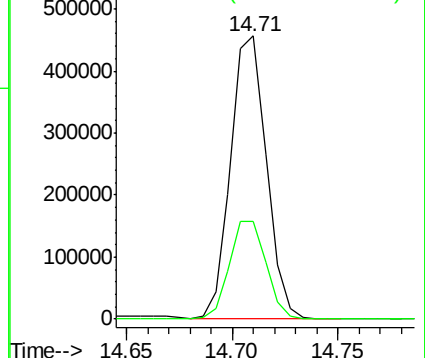
168 100

139 34.8 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 11.952 ng/ul

RT: 14.65 min Scan# 1983

Delta R.T. -0.01 min

Lab File: BM019489.D

Acq: 27 Mar 2019 02:36

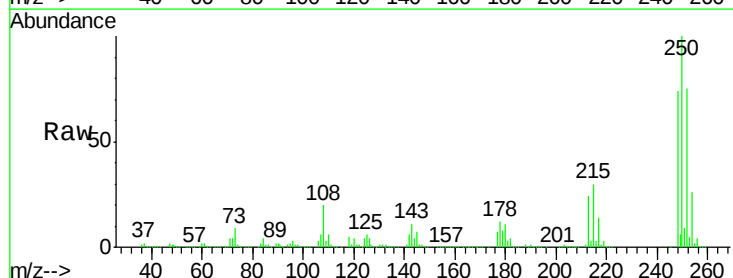
Tgt Ion:165 Resp: 108961

Ion Ratio Lower Upper

165 100

63 3.0 31.4 47.0#

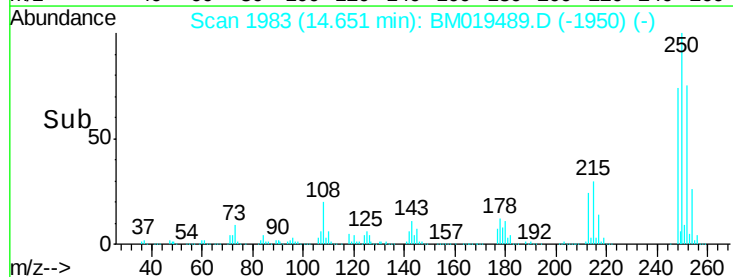
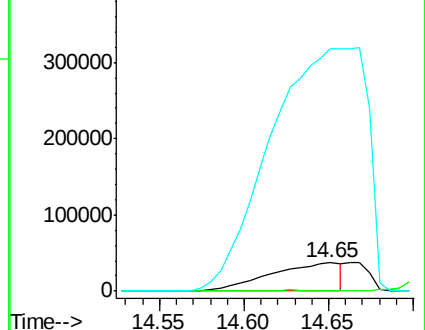
182 856.3 2.7 4.1#

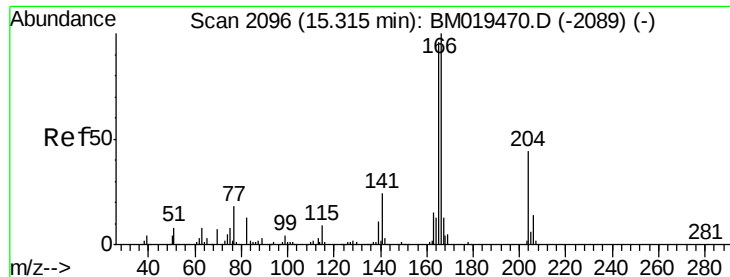


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E





#59

Fluorene

Concen: 11.276 ng/ul

RT: 15.33 min Scan# 2098

Delta R.T. 0.01 min

Lab File: BM019489.D

Acq: 27 Mar 2019 02:36

Instrument :

BNA\_M

ClientSampleId :

C09C9

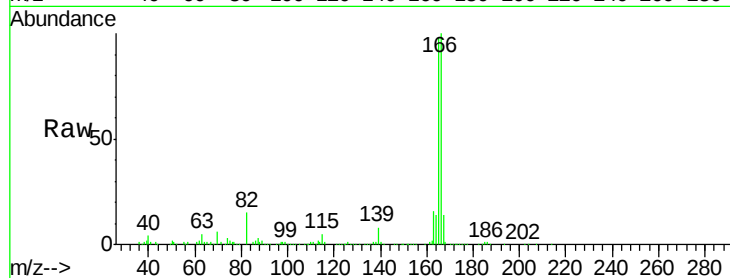
Tgt Ion:166 Resp: 364045

Ion Ratio Lower Upper

166 100

165 98.5 78.4 117.6

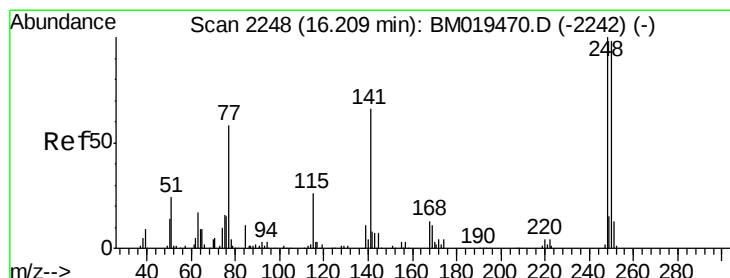
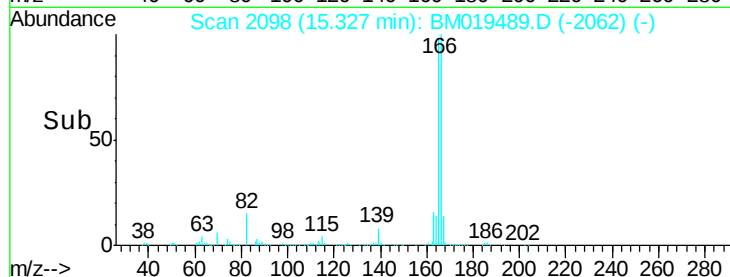
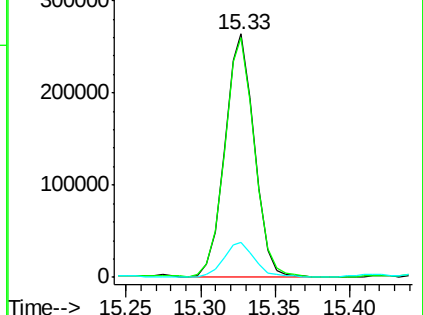
167 14.4 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 1.391 ng/ul

RT: 16.32 min Scan# 2266

Delta R.T. 0.11 min

Lab File: BM019489.D

Acq: 27 Mar 2019 02:36

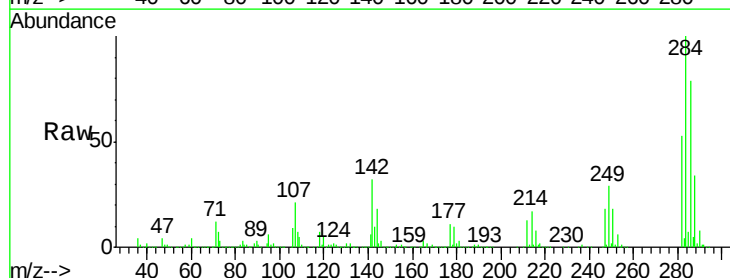
Tgt Ion:248 Resp: 13639

Ion Ratio Lower Upper

248 100

250 143.5 79.0 118.4#

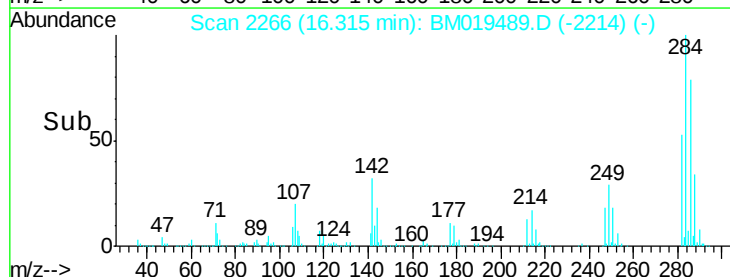
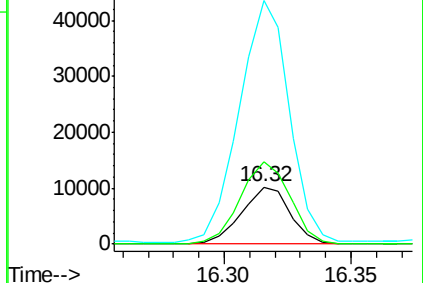
141 425.9 51.9 77.9#

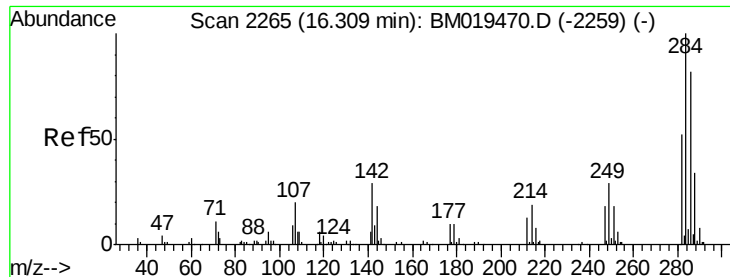


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

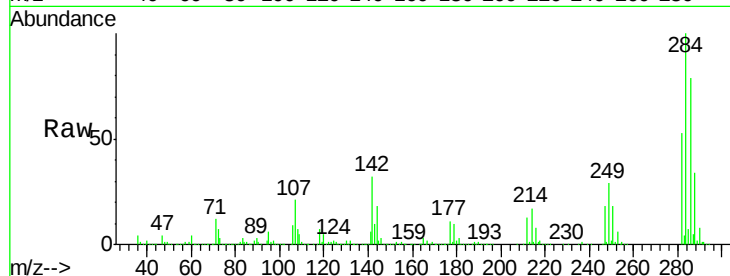




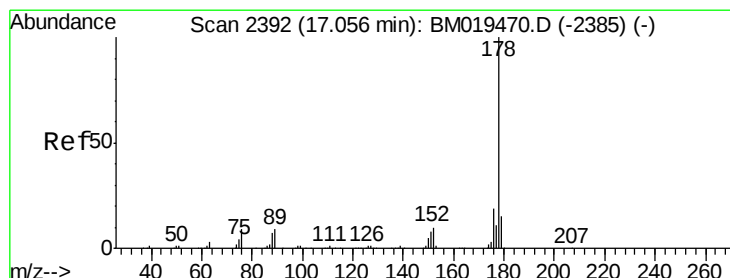
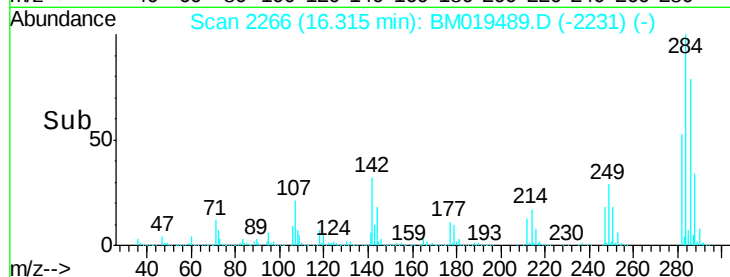
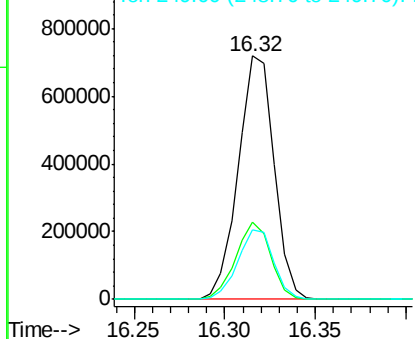
#67  
Hexachlorobenzene  
Concen: 83.379 ng/ul  
RT: 16.32 min Scan# 2266  
Delta R.T. 0.01 min  
Lab File: BM019489.D  
Acq: 27 Mar 2019 02:36

Instrument :  
BNA\_M  
ClientSampleId :  
C09C9

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 31.7  | 21.3  | 31.9  |
| 249     | 28.8  | 26.3  | 39.5  |

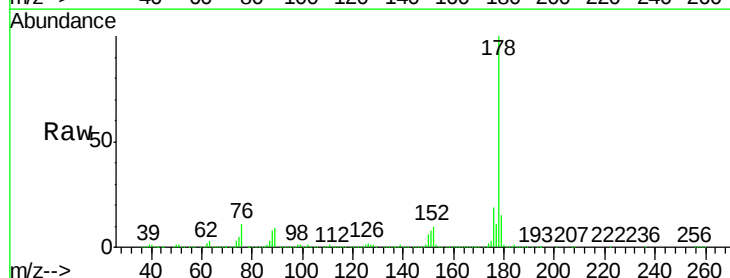


Abundance Ion 284.00 (283.70 to 284.70): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

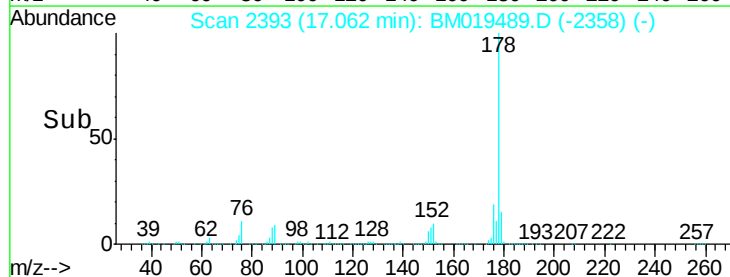
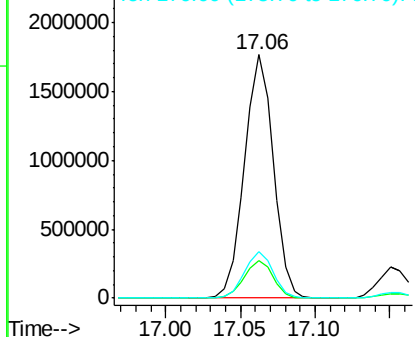


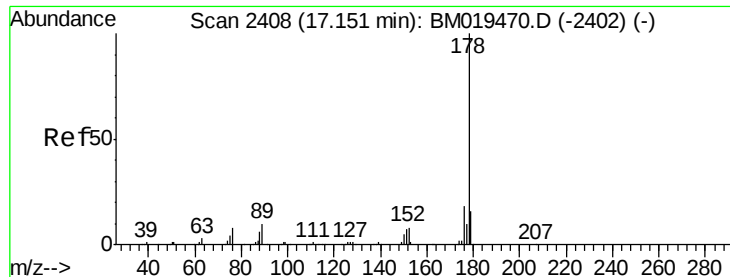
#70  
Phenanthrene  
Concen: 46.224 ng/ul  
RT: 17.06 min Scan# 2393  
Delta R.T. 0.01 min  
Lab File: BM019489.D  
Acq: 27 Mar 2019 02:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 15.4  | 12.3  | 18.5  |
| 176     | 18.9  | 15.4  | 23.0  |



Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 179.00 (178.70 to 179.70): E  
Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 5.703 ng/ul

RT: 17.15 min Scan# 2408

Delta R.T. 0.00 min

Lab File: BM019489.D

Acq: 27 Mar 2019 02:36

Instrument :

BNA\_M

ClientSampleId :

C09C9

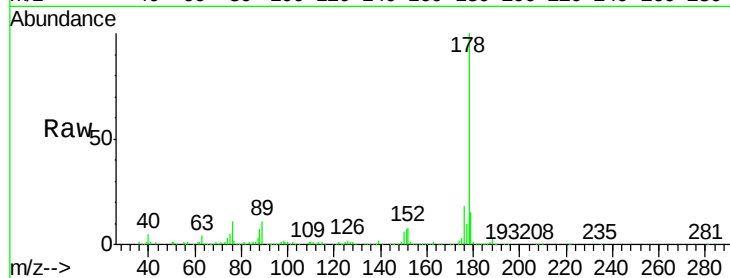
Tgt Ion:178 Resp: 297822

Ion Ratio Lower Upper

178 100

179 15.2 13.4 20.2

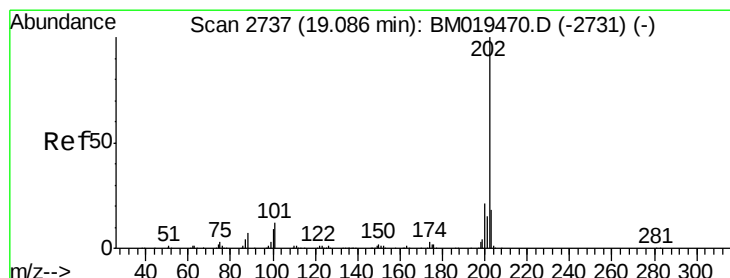
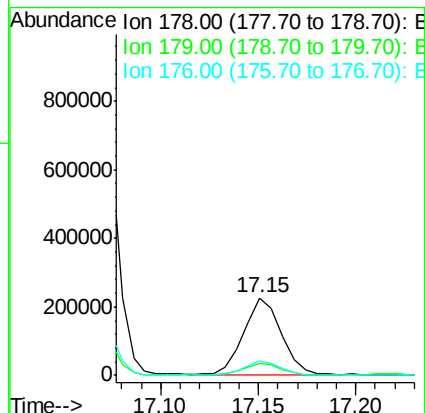
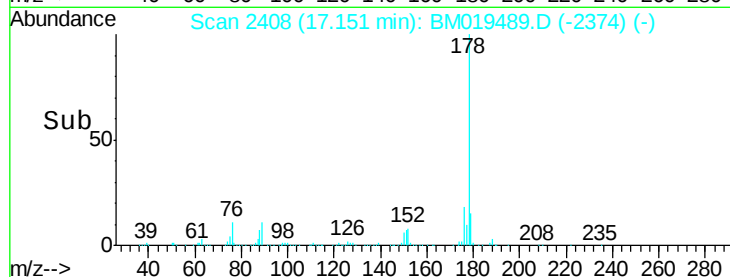
176 17.9 15.4 23.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 16.682 ng/ul

RT: 19.09 min Scan# 2737

Delta R.T. 0.00 min

Lab File: BM019489.D

Acq: 27 Mar 2019 02:36

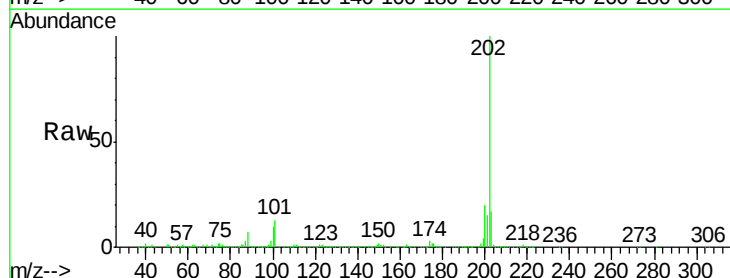
Tgt Ion:202 Resp: 978425

Ion Ratio Lower Upper

202 100

101 12.8 6.1 9.1#

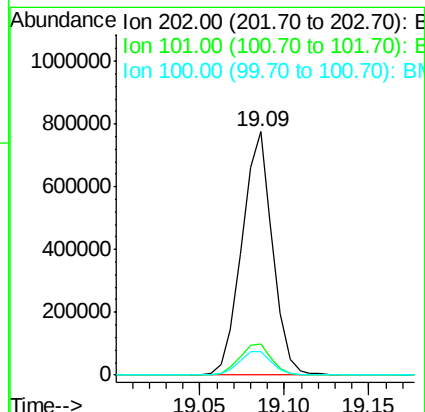
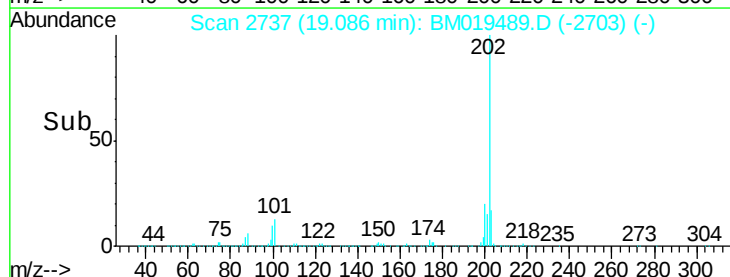
100 9.6 4.6 7.0#

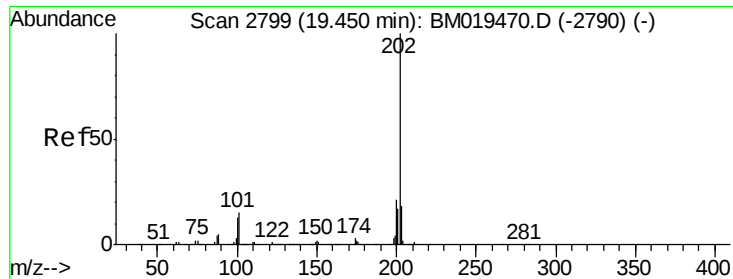


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

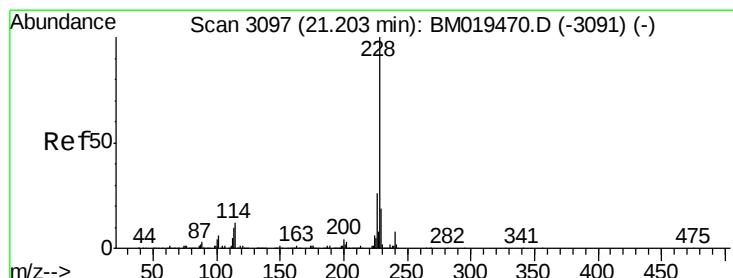
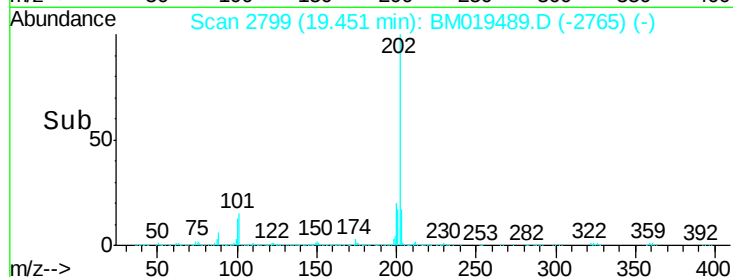
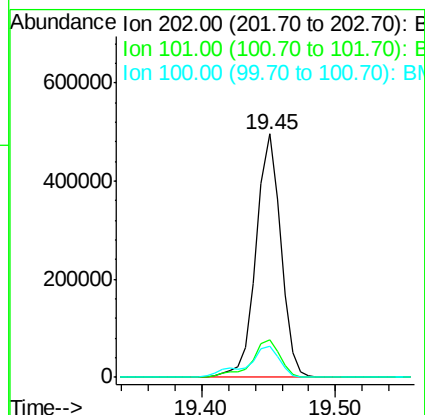
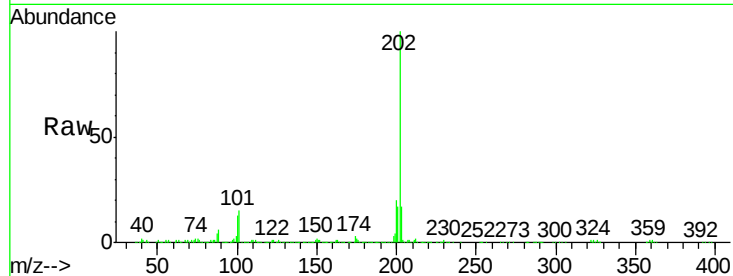




#80  
 Pyrene  
 Concen: 11.073 ng/ul  
 RT: 19.45 min Scan# 2799  
 Delta R.T. 0.00 min  
 Lab File: BM019489.D  
 Acq: 27 Mar 2019 02:36

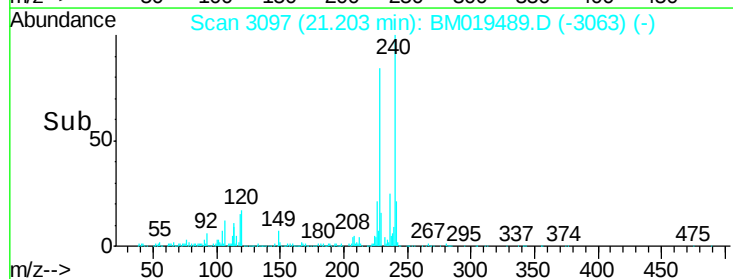
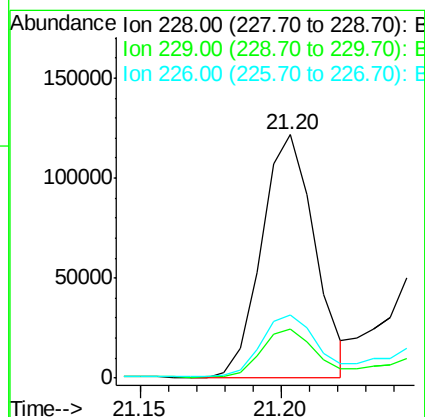
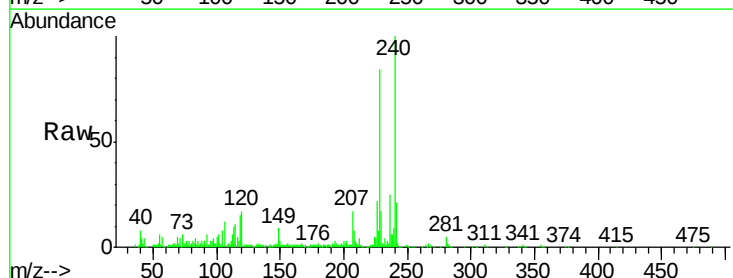
Instrument :  
 BNA\_M  
 ClientSampleId :  
 C09C9

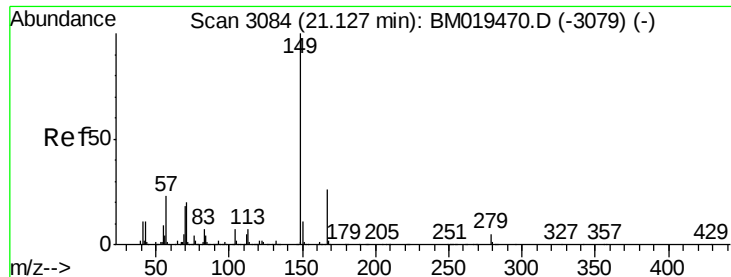
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 15.4  | 6.9   | 10.3# |
| 100     | 12.7  | 5.6   | 8.4#  |



#83  
 Benzo(a)anthracene  
 Concen: 2.779 ng/ul  
 RT: 21.20 min Scan# 3097  
 Delta R.T. 0.00 min  
 Lab File: BM019489.D  
 Acq: 27 Mar 2019 02:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 229     | 19.9  | 16.0  | 24.0  |
| 226     | 25.9  | 21.8  | 32.8  |

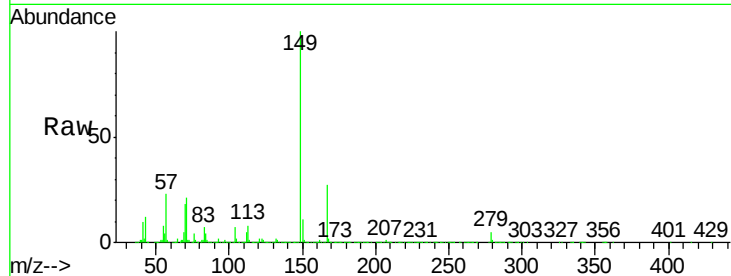




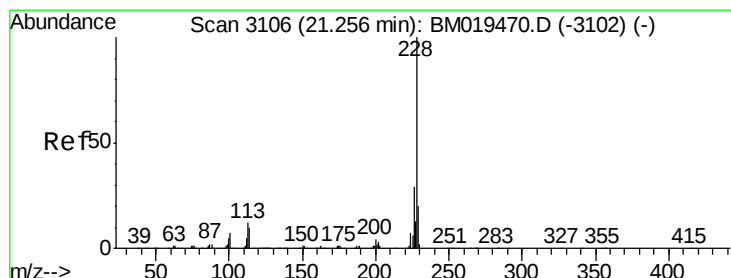
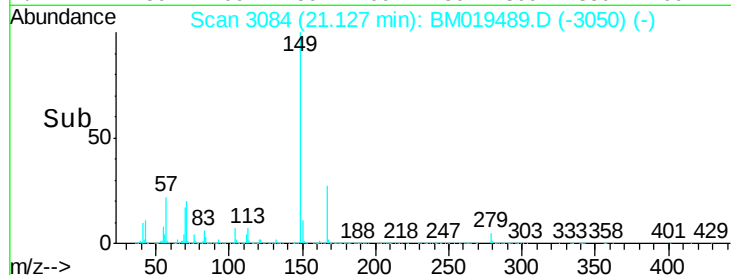
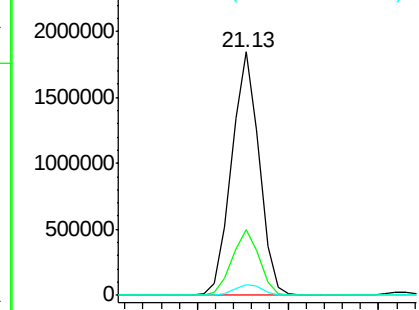
#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 59.386 ng/ul  
 RT: 21.13 min Scan# 3084  
 Delta R.T. 0.00 min  
 Lab File: BM019489.D  
 Acq: 27 Mar 2019 02:36

Instrument :  
 BNA\_M  
 ClientSampled :  
 C09C9

Tgt Ion:149 Resp: 1941971  
 Ion Ratio Lower Upper  
 149 100  
 167 26.8 23.0 34.6  
 279 4.6 4.3 6.5

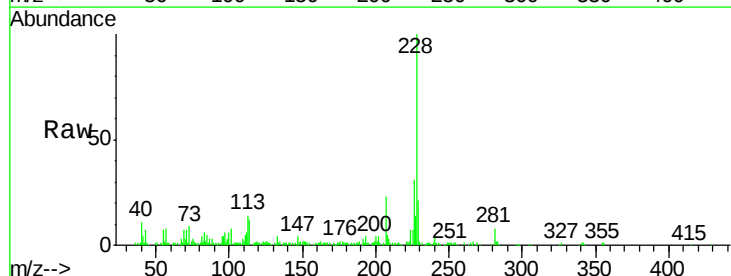


Abundance Ion 149.00 (148.70 to 149.70): E  
 2500000  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

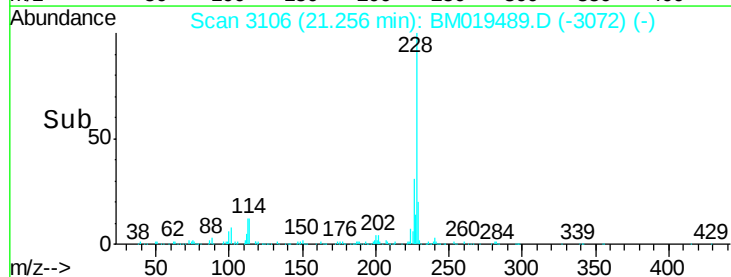
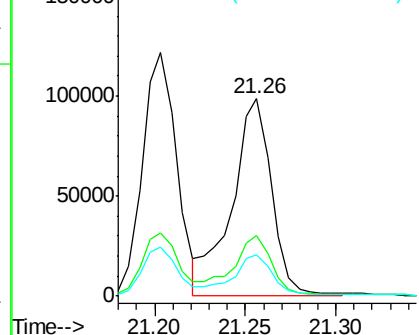


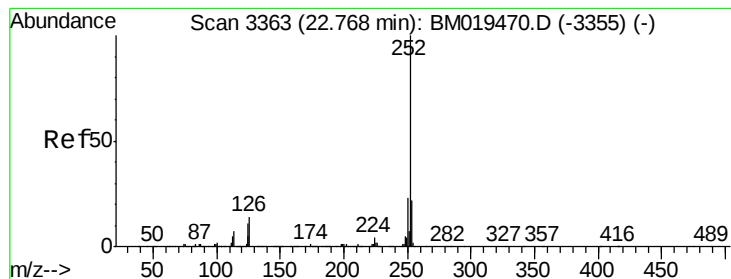
#85  
 Chrysene  
 Concen: 2.759 ng/ul  
 RT: 21.26 min Scan# 3106  
 Delta R.T. 0.00 min  
 Lab File: BM019489.D  
 Acq: 27 Mar 2019 02:36

Tgt Ion:228 Resp: 150943  
 Ion Ratio Lower Upper  
 228 100  
 226 31.1 24.1 36.1  
 229 20.9 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E  
 150000  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 1.833 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. 0.00 min

Lab File: BM019489.D

Acq: 27 Mar 2019 02:36

Instrument :

BNA\_M

ClientSampleId :

C09C9

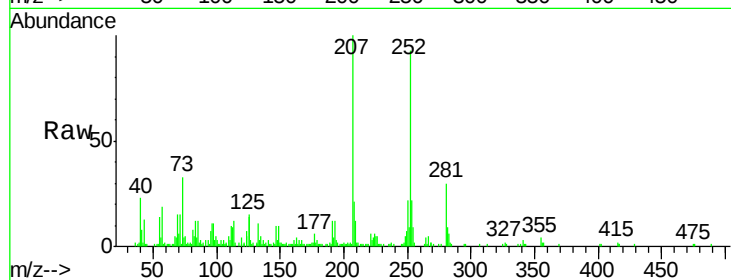
Tgt Ion:252 Resp: 101877

Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.0

125 15.8 4.9 7.3#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

