

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM032519\  
 Data File : BM019434.D  
 Acq On : 25 Mar 2019 16:48  
 Operator : JU/SJ  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02070

Quant Time: Mar 26 05:40:32 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Mar 25 03:11:42 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.60  | 152  | 128838   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.39 | 136  | 556729   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.26 | 164  | 318447   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.02 | 188  | 694049   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.23 | 240  | 750734   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.44 | 264  | 797124   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.15  | 96  | 22920  | 6.97  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.78  | 99  | 210106 | 18.31 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.96  | 67  | 135857 | 17.69 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.13  | 132 | 168889 | 19.42 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.32  | 113 | 162254 | 18.84 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.77  | 128 | 74342  | 18.72 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.49  | 143 | 84632  | 19.15 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.02 | 165 | 165300 | 19.82 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.55 | 131 | 195299 | 19.50 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.68 | 166 | 468878 | 18.25 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.95 | 160 | 607299 | 18.90 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.50 | 143 | 67565  | 16.77 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.26 | 176 | 420375 | 18.99 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 71948  | 15.68 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.12 | 188 | 631842 | 18.97 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.43 | 212 | 661683 | 19.08 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.30 | 264 | 797146 | 18.86 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |        | Qvalue    |
|--------------------------------|-------|-----|--------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.18  | 88  | 24807  | 6.625  | ng/uL# 92 |
| 4) Benzaldehyde                | 6.77  | 77  | 151285 | 18.408 | ng/ul 98  |
| 6) Phenol                      | 6.81  | 94  | 222674 | 18.599 | ng/ul 99  |
| 8) Bis(2-Chloroethyl)ether     | 7.05  | 93  | 164744 | 17.987 | ng/ul 99  |
| 10) 2-Chlorophenol             | 7.17  | 128 | 171634 | 19.417 | ng/ul 99  |
| 11) 2-Methylphenol             | 8.05  | 108 | 158172 | 18.943 | ng/ul 98  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.12  | 45  | 153639 | 17.697 | ng/ul# 81 |
| 14) Acetophenone               | 8.43  | 105 | 253626 | 18.084 | ng/ul 92  |
| 15) N-Nitroso-di-n-propylamine | 8.41  | 70  | 143848 | 18.302 | ng/ul# 85 |
| 16) 4-Methylphenol             | 8.38  | 108 | 174138 | 19.015 | ng/ul 94  |
| 17) Hexachloroethane           | 8.66  | 117 | 68255  | 18.373 | ng/ul 85  |
| 20) Nitrobenzene               | 8.82  | 77  | 205238 | 17.361 | ng/ul 96  |
| 21) Isophorone                 | 9.33  | 82  | 365231 | 18.009 | ng/ul 99  |
| 23) 2-Nitrophenol              | 9.52  | 139 | 92736  | 19.020 | ng/ul 96  |
| 24) 2,4-Dimethylphenol         | 9.57  | 107 | 191133 | 18.040 | ng/ul 94  |
| 25) Bis(2-Chloroethoxy)methane | 9.82  | 93  | 221194 | 18.074 | ng/ul 99  |
| 27) 2,4-Dichlorophenol         | 10.04 | 162 | 163569 | 19.847 | ng/ul 96  |
| 28) Naphthalene                | 10.43 | 128 | 538252 | 18.663 | ng/ul 99  |
| 30) 4-Chloroaniline            | 10.57 | 127 | 201469 | 19.107 | ng/ul 98  |
| 31) Hexachlorobutadiene        | 10.69 | 225 | 98535  | 18.952 | ng/ul 99  |
| 32) Caprolactam                | 11.39 | 113 | 43989  | 17.977 | ng/ul 79  |
| 33) 4-Chloro-3-methylphenol    | 11.69 | 107 | 171294 | 19.282 | ng/ul 97  |
| 34) 2-Methylnaphthalene        | 12.06 | 142 | 383643 | 18.984 | ng/ul 100 |

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 ClientSampleId :  
 SSTD02070

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 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Mar 25 03:11:42 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 35) 1-Methylnaphthalene        | 12.28 | 142  | 362293   | 18.987 | ng/ul  | 95       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.43 | 216  | 190796   | 18.829 | ng/ul# | 97       |
| 38) Hexachlorocyclopentadiene  | 12.39 | 237  | 92888    | 17.871 | ng/ul# | 96       |
| 39) 2,4,6-Trichlorophenol      | 12.69 | 196  | 122496   | 19.376 | ng/ul  | 99       |
| 40) 2,4,5-Trichlorophenol      | 12.76 | 196  | 129411   | 19.087 | ng/ul  | 99       |
| 41) 1,1'-Biphenyl              | 13.09 | 154  | 488282   | 18.003 | ng/ul# | 96       |
| 42) 2-Chloronaphthalene        | 13.13 | 162  | 385180   | 18.544 | ng/ul  | 98       |
| 43) 2-Nitroaniline             | 13.36 | 65   | 104370   | 18.297 | ng/ul  | 92       |
| 45) Dimethylphthalate          | 13.73 | 163  | 464783   | 18.028 | ng/ul  | 99       |
| 46) 2,6-Dinitrotoluene         | 13.86 | 165  | 92310    | 19.504 | ng/ul  | 94       |
| 48) Acenaphthylene             | 13.98 | 152  | 598185   | 18.785 | ng/ul  | 99       |
| 49) 3-Nitroaniline             | 14.20 | 138  | 87363    | 18.864 | ng/ul  | 97       |
| 50) Acenaphthene               | 14.33 | 153  | 413745   | 18.448 | ng/ul  | 99       |
| 51) 2,4-Dinitrophenol          | 14.42 | 184  | 51499    | 18.793 | ng/ul# | 90       |
| 53) 4-Nitrophenol              | 14.52 | 109  | 50087    | 15.889 | ng/ul# | 79       |
| 54) Dibenzofuran               | 14.66 | 168  | 584581   | 18.665 | ng/ul  | 96       |
| 55) 2,4-Dinitrotoluene         | 14.66 | 165  | 137464   | 19.614 | ng/ul# | 70       |
| 56) 2,3,4,6-Tetrachlorophenol  | 14.90 | 232  | 111191   | 19.468 | ng/ul# | 86       |
| 57) Diethylphthalate           | 15.10 | 149  | 462959   | 18.257 | ng/ul  | 97       |
| 59) Fluorene                   | 15.32 | 166  | 470936   | 18.974 | ng/ul  | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.32 | 204  | 231091   | 18.664 | ng/ul  | 95       |
| 61) 4-Nitroaniline             | 15.37 | 138  | 93623    | 18.519 | ng/ul  | 85       |
| 64) 4,6-Dinitro-2-methylphenol | 15.42 | 198  | 77165    | 15.880 | ng/ul# | 92       |
| 65) N-Nitrosodiphenylamine     | 15.53 | 169  | 407834   | 18.888 | ng/ul  | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.21 | 248  | 141842   | 18.819 | ng/ul  | 96       |
| 67) Hexachlorobenzene          | 16.31 | 284  | 169244   | 18.544 | ng/ul# | 91       |
| 68) Atrazine                   | 16.49 | 200  | 133571   | 17.676 | ng/ul  | 95       |
| 69) Pentachlorophenol          | 16.67 | 266  | 114928   | 24.092 | ng/ul  | 98       |
| 70) Phenanthrene               | 17.06 | 178  | 743262   | 18.888 | ng/ul  | 99       |
| 72) Anthracene                 | 17.15 | 178  | 754151   | 18.785 | ng/ul  | 97       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.05 | 216  | 189186   | 18.801 | ng/uL  | 97       |
| 74) Pentachlorobenzene         | 14.57 | 250  | 194482   | 18.478 | ng/uL  | 98       |
| 75) Carbazole                  | 17.44 | 167  | 655724   | 18.212 | ng/ul  | 98       |
| 76) Di-n-butylphthalate        | 17.99 | 149  | 742473   | 18.604 | ng/ul  | 99       |
| 77) Fluoranthene               | 19.09 | 202  | 822194   | 18.234 | ng/ul# | 87       |
| 80) Pyrene                     | 19.46 | 202  | 856844   | 18.971 | ng/ul# | 84       |
| 81) Butylbenzylphthalate       | 20.36 | 149  | 336304   | 18.806 | ng/ul  | 92       |
| 82) 3,3'-Dichlorobenzidine     | 21.16 | 252  | 296409   | 18.175 | ng/ul# | 98       |
| 83) Benzo(a)anthracene         | 21.21 | 228  | 851371   | 18.841 | ng/ul  | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.13 | 149  | 496548   | 19.157 | ng/ul  | 97       |
| 85) Chrysene                   | 21.26 | 228  | 794995   | 18.336 | ng/ul  | 99       |
| 87) Di-n-octyl phthalate       | 22.00 | 149  | 868986   | 17.477 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 22.77 | 252  | 901356   | 18.564 | ng/ul# | 97       |
| 89) Benzo(k)fluoranthene       | 22.82 | 252  | 865439   | 18.560 | ng/ul# | 97       |
| 91) Benzo(a)pyrene             | 23.34 | 252  | 866483   | 18.667 | ng/ul# | 96       |
| 92) Indeno(1,2,3-cd)pyrene     | 25.67 | 276  | 1083543  | 18.641 | ng/ul# | 87       |
| 93) Dibenzo(a,h)anthracene     | 25.68 | 278  | 913663   | 18.438 | ng/ul# | 95       |
| 94) Benzo(g,h,i)perylene       | 26.36 | 276  | 895702   | 18.440 | ng/ul# | 93       |

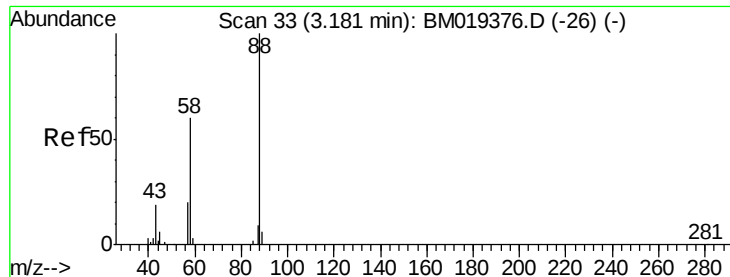
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM032519\  
Data File : BM019434.D  
Acq On : 25 Mar 2019 16:48  
Operator : JU/SJ  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_M  
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QLast Update : Mon Mar 25 03:11:42 2019  
Response via : Initial Calibration

| Internal Standards                                                      | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                   |      |      |          |      |       |          |
| (#)= qualifier out of range (m)= manual integration (+)= signals summed |      |      |          |      |       |          |





#2

1,4-Dioxane

Concen: 6.625 ng/uL

RT: 3.18 min Scan# 32

Delta R.T. -0.01 min

Lab File: BM019434.D

Acq: 25 Mar 2019 16:48

Instrument :

BNA\_M

ClientSampleId :

SSTD02070

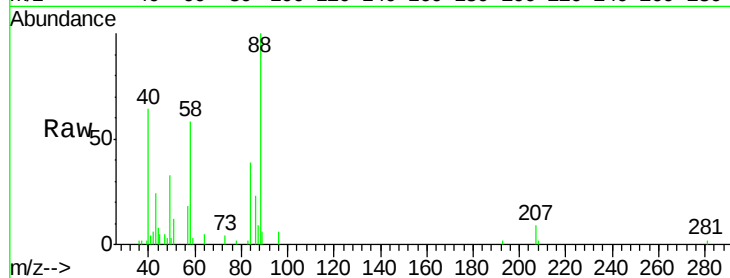
Tgt Ion: 88 Resp: 24807

Ion Ratio Lower Upper

88 100

43 24.3 29.0 43.4#

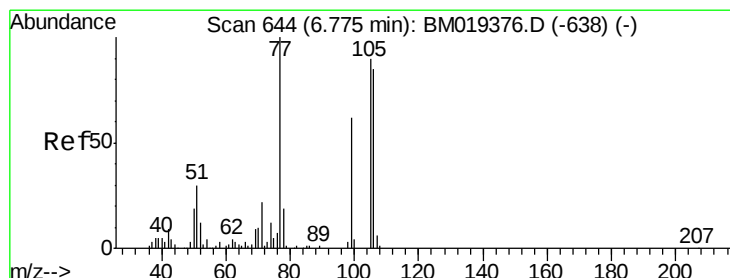
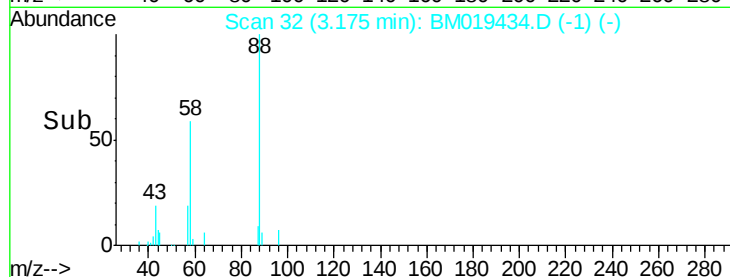
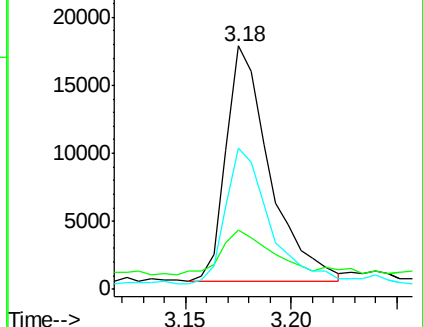
58 58.0 45.9 68.9



Abundance Ion 88.00 (87.70 to 88.70): BM019434.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM019434.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM019434.D (-1) (-)



#4

Benzaldehyde

Concen: 18.408 ng/uL

RT: 6.77 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM019434.D

Acq: 25 Mar 2019 16:48

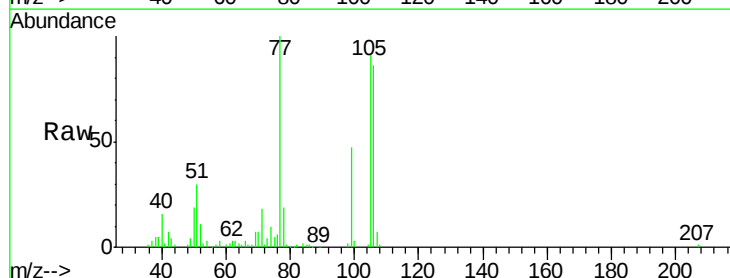
Tgt Ion: 77 Resp: 151285

Ion Ratio Lower Upper

77 100

105 91.5 71.0 106.6

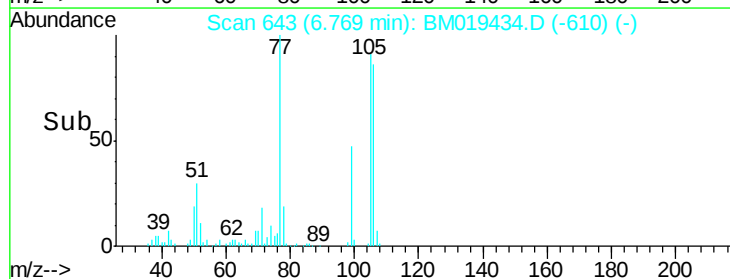
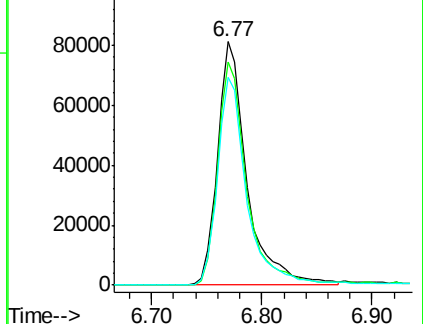
106 85.6 69.5 104.3

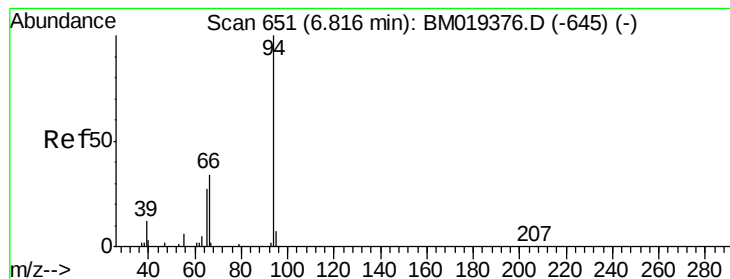


Abundance Ion 77.00 (76.70 to 77.70): BM019434.D (-610) (-)

Ion 105.00 (104.70 to 105.70): BM019434.D (-610) (-)

Ion 106.00 (105.70 to 106.70): BM019434.D (-610) (-)





#6

Phenol

Concen: 18.599 ng/ul

RT: 6.81 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM019434.D

Acq: 25 Mar 2019 16:48

Instrument :

BNA\_M

ClientSampleId :

SSTD02070

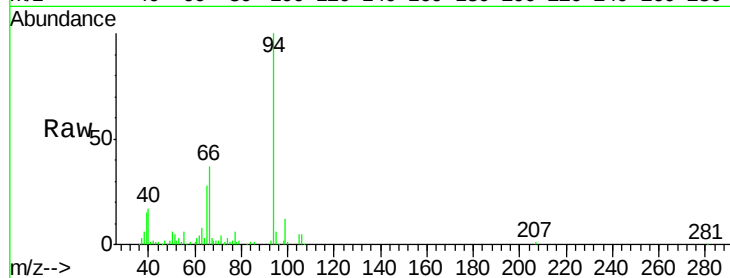
Tgt Ion: 94 Resp: 222674

Ion Ratio Lower Upper

94 100

65 28.4 23.0 34.6

66 37.1 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BM019434.D (-651) (-)

Ion 65.00 (64.70 to 65.70): BM019434.D (-651) (-)

Ion 66.00 (65.70 to 66.70): BM019434.D (-651) (-)

6.81

150000

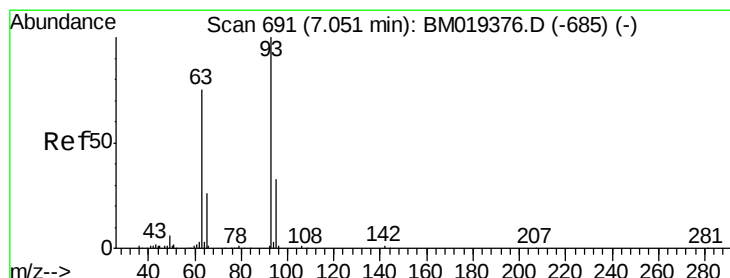
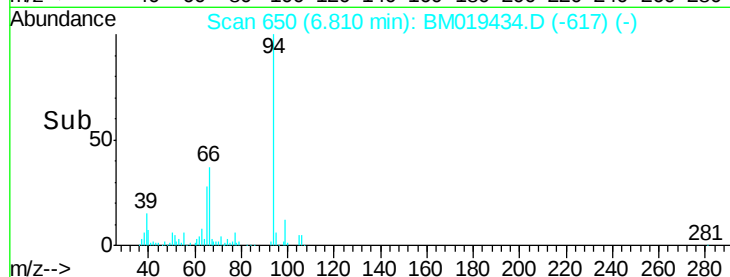
100000

50000

0

6.70 6.80 6.90

Time-->



#8

Bis(2-Chloroethyl)ether

Concen: 17.987 ng/ul

RT: 7.05 min Scan# 690

Delta R.T. -0.01 min

Lab File: BM019434.D

Acq: 25 Mar 2019 16:48

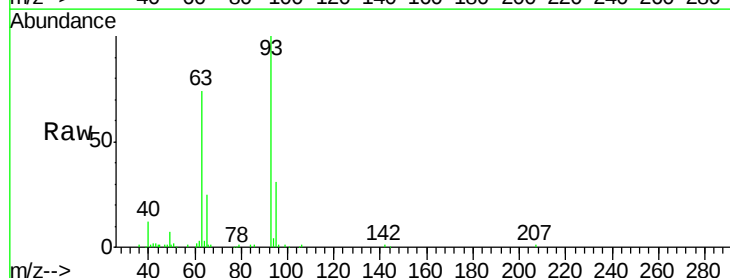
Tgt Ion: 93 Resp: 164744

Ion Ratio Lower Upper

93 100

63 74.2 59.4 89.2

95 30.8 26.4 39.6



Abundance Ion 93.00 (92.70 to 93.70): BM019434.D (-691) (-)

Ion 63.00 (62.70 to 63.70): BM019434.D (-691) (-)

Ion 95.00 (94.70 to 95.70): BM019434.D (-691) (-)

7.05

120000

100000

80000

60000

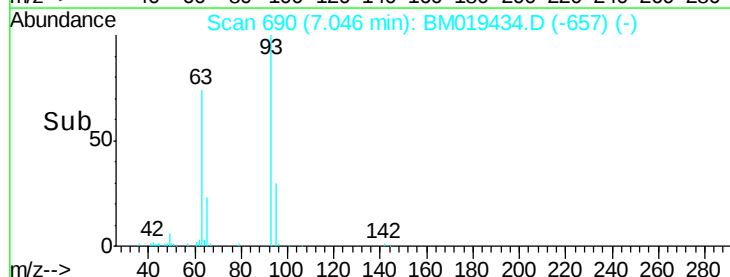
40000

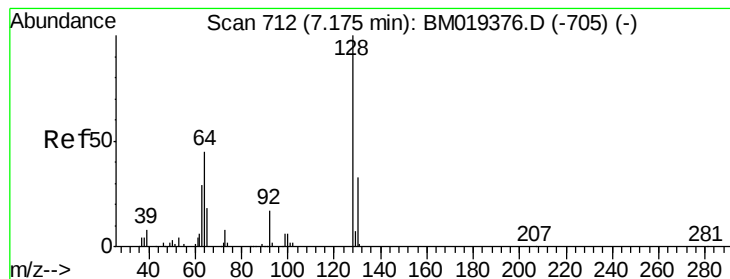
20000

0

7.00 7.05 7.10 7.15

Time-->





#10

2-Chlorophenol

Concen: 19.417 ng/ul

RT: 7.17 min Scan# 711

Delta R.T. -0.01 min

Lab File: BM019434.D

Acq: 25 Mar 2019 16:48

Instrument :

BNA\_M

ClientSampleId :

SSTD02070

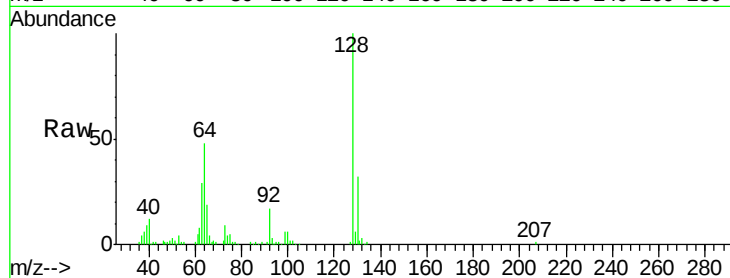
Tgt Ion:128 Resp: 171634

Ion Ratio Lower Upper

128 100

64 48.4 39.8 59.6

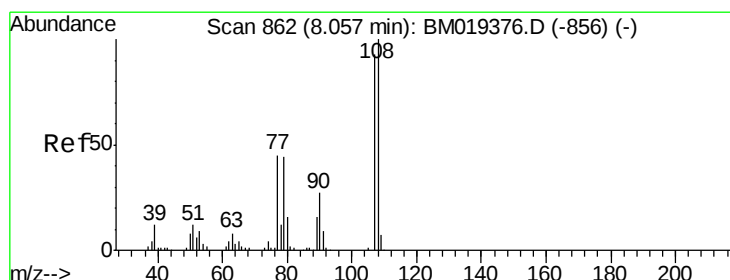
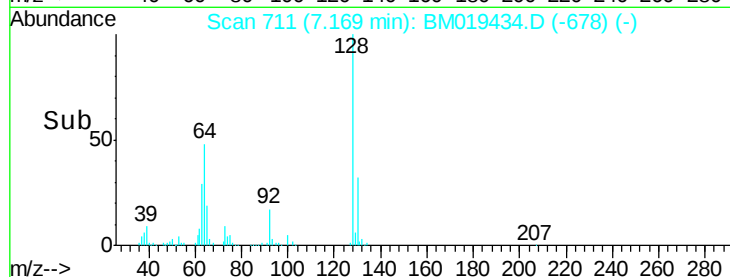
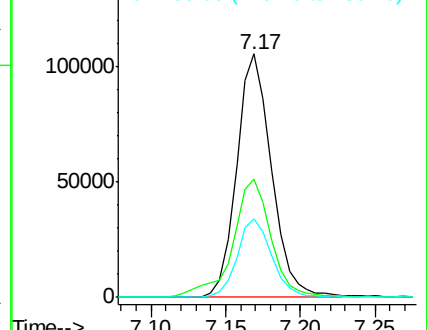
130 32.1 25.8 38.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 18.943 ng/ul

RT: 8.05 min Scan# 861

Delta R.T. -0.01 min

Lab File: BM019434.D

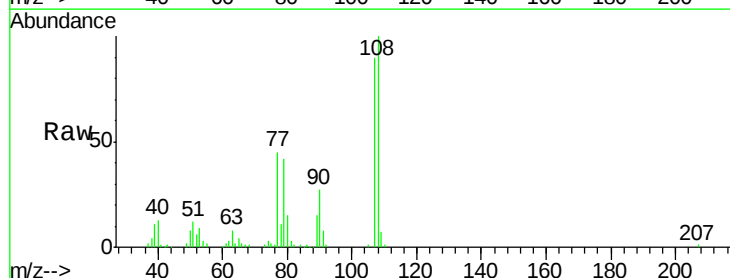
Acq: 25 Mar 2019 16:48

Tgt Ion:108 Resp: 158172

Ion Ratio Lower Upper

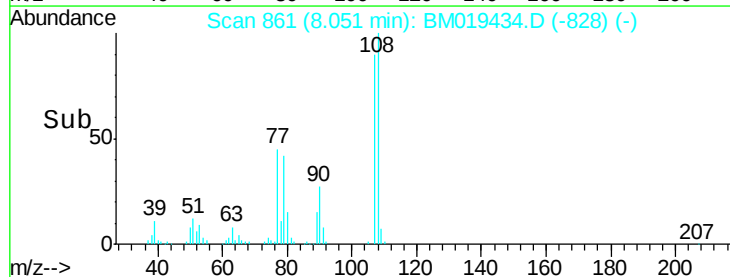
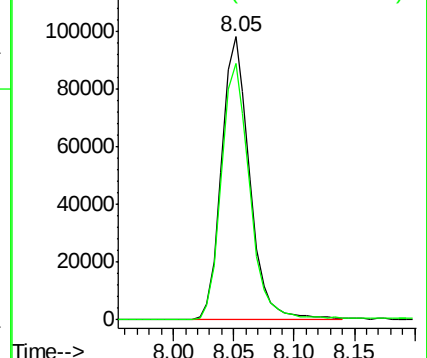
108 100

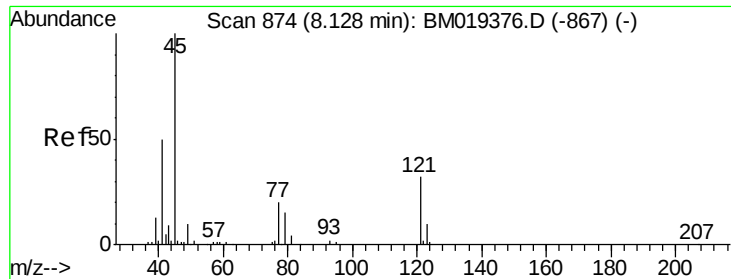
107 90.4 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

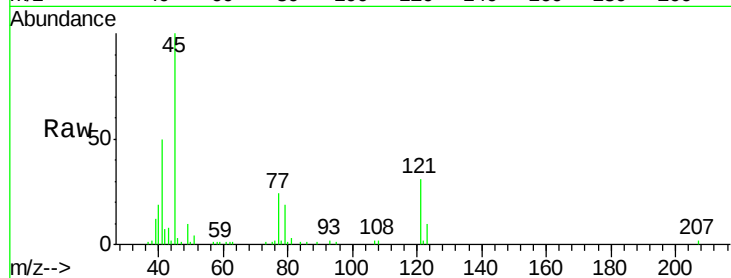




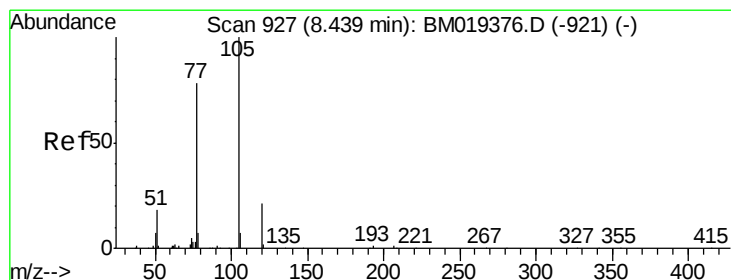
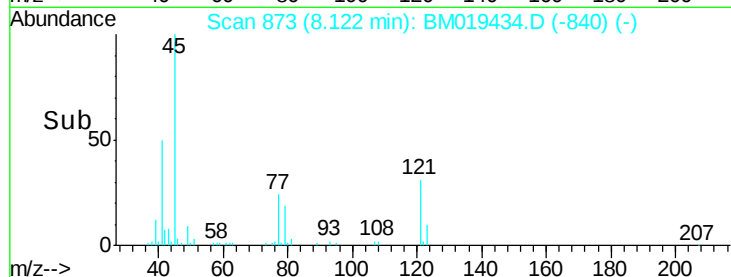
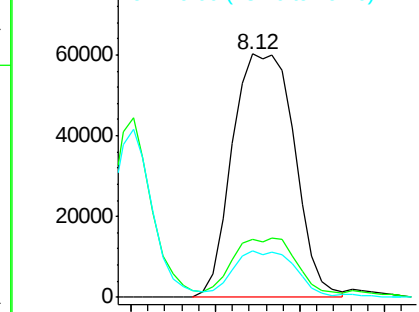
#12  
 2,2'-oxybis(1-chloropropane)  
 Concen: 17.697 ng/ul  
 RT: 8.12 min Scan# 873  
 Delta R.T. -0.01 min  
 Lab File: BM019434.D  
 Acq: 25 Mar 2019 16:48

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST02070

Tgt Ion: 45 Resp: 153639  
 Ion Ratio Lower Upper  
 45 100  
 77 23.7 12.5 18.7#  
 79 19.2 9.4 14.2#

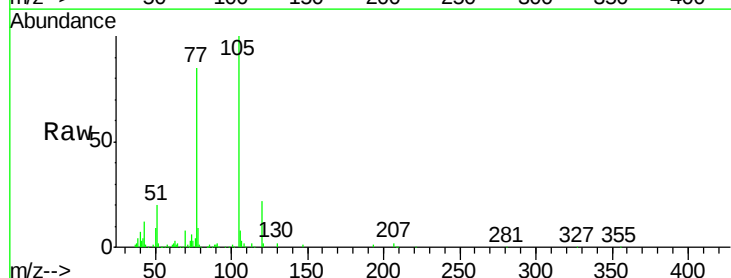


Abundance Ion 45.00 (44.70 to 45.70): BM0  
 Ion 77.00 (76.70 to 77.70): BM0  
 Ion 79.00 (78.70 to 79.70): BM0

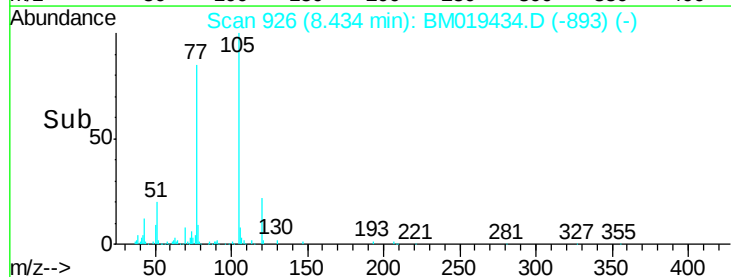
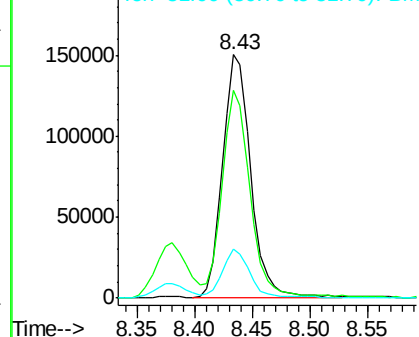


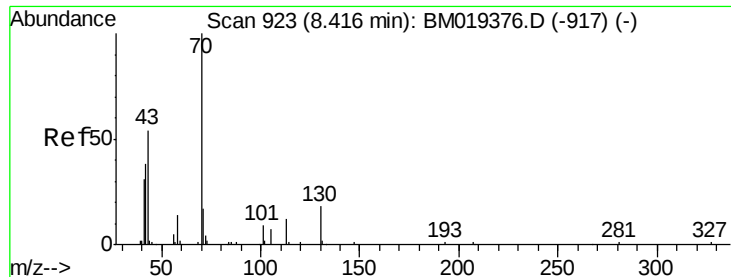
#14  
 Acetophenone  
 Concen: 18.084 ng/ul  
 RT: 8.43 min Scan# 926  
 Delta R.T. -0.01 min  
 Lab File: BM019434.D  
 Acq: 25 Mar 2019 16:48

Tgt Ion: 105 Resp: 253626  
 Ion Ratio Lower Upper  
 105 100  
 77 85.3 63.2 94.8  
 51 19.9 19.8 29.8



Abundance Ion 105.00 (104.70 to 105.70): E  
 Ion 77.00 (76.70 to 77.70): BM0  
 Ion 51.00 (50.70 to 51.70): BM0

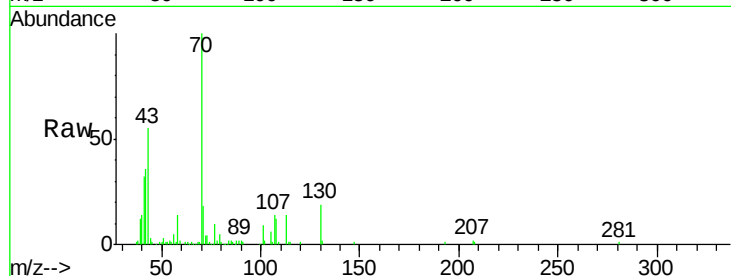




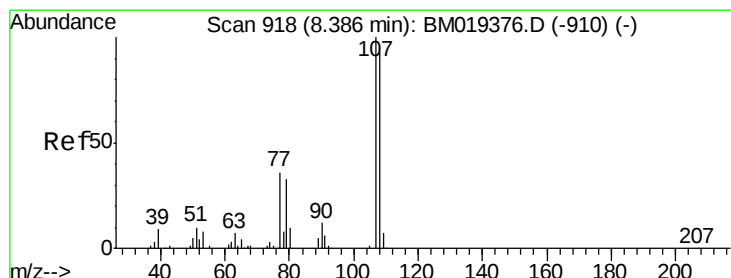
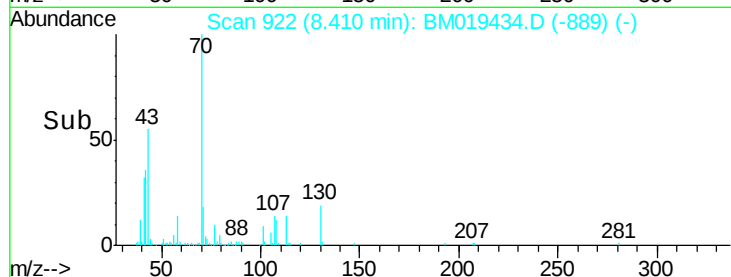
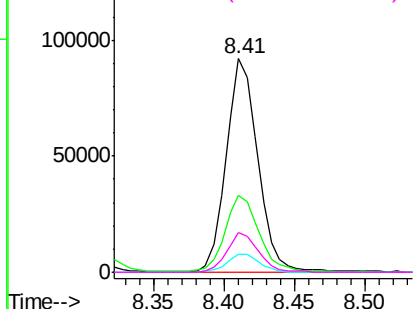
#15  
N-Nitroso-di-n-propylamine  
Concen: 18.302 ng/ul  
RT: 8.41 min Scan# 922  
Delta R.T. -0.01 min  
Lab File: BM019434.D  
Acq: 25 Mar 2019 16:48

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02070

Tgt Ion: 70 Resp: 143848  
Ion Ratio Lower Upper  
70 100  
42 36.2 40.2 60.4#  
101 8.7 7.7 11.5  
130 18.7 17.8 26.6

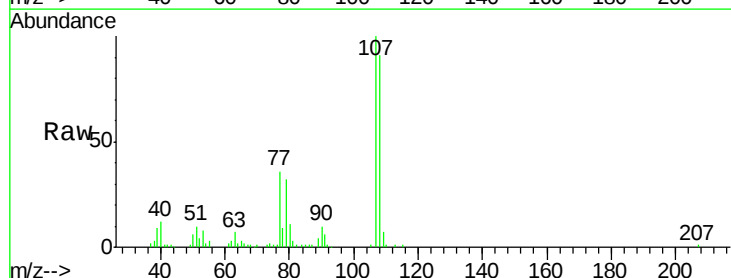


Abundance Ion 70.00 (69.70 to 70.70): BM019434.D (-889) (-)  
Ion 42.00 (41.70 to 42.70): BM019434.D (-889) (-)  
Ion 101.00 (100.70 to 101.70): BM019434.D (-889) (-)  
Ion 130.00 (129.70 to 130.70): BM019434.D (-889) (-)

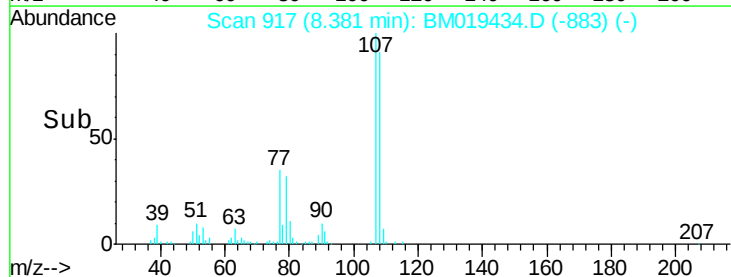
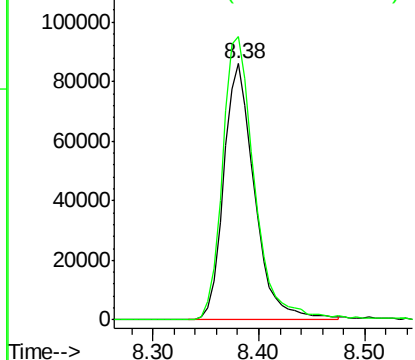


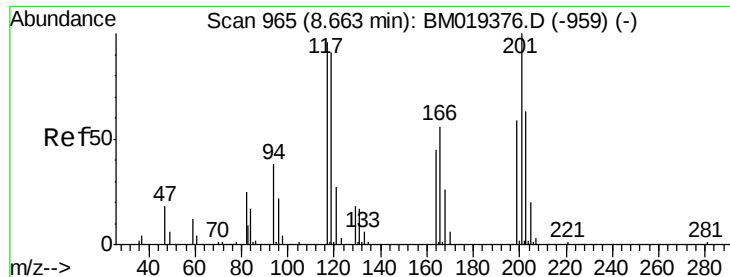
#16  
4-Methylphenol  
Concen: 19.015 ng/ul  
RT: 8.38 min Scan# 917  
Delta R.T. 0.00 min  
Lab File: BM019434.D  
Acq: 25 Mar 2019 16:48

Tgt Ion: 108 Resp: 174138  
Ion Ratio Lower Upper  
108 100  
107 110.4 93.6 140.4



Abundance Ion 108.00 (107.70 to 108.70): BM019434.D (-883) (-)  
Ion 107.00 (106.70 to 107.70): BM019434.D (-883) (-)





#17

Hexachloroethane

Concen: 18.373 ng/ul

RT: 8.66 min Scan# 964

Delta R.T. -0.01 min

Lab File: BM019434.D

Acq: 25 Mar 2019 16:48

Instrument :

BNA\_M

ClientSampleId :

SSTD02070

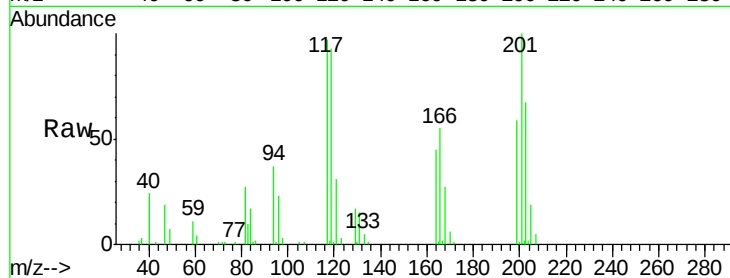
Tgt Ion:117 Resp: 68255

Ion Ratio Lower Upper

117 100

201 103.5 96.1 144.1

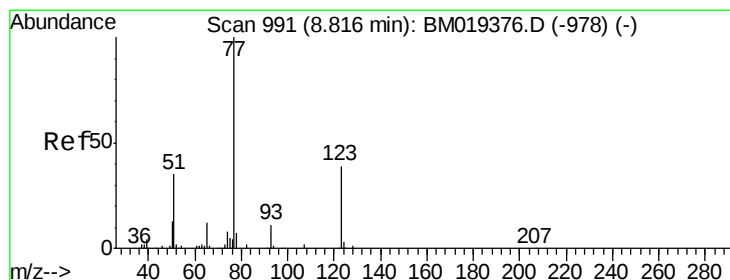
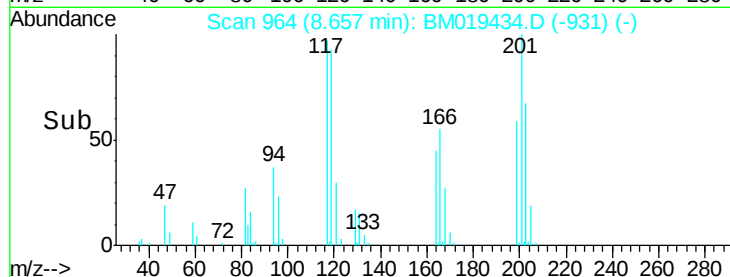
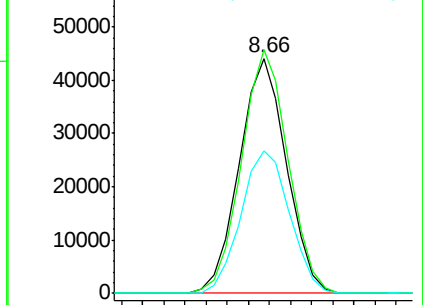
199 60.8 59.7 89.5



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: 17.361 ng/ul

RT: 8.82 min Scan# 991

Delta R.T. 0.00 min

Lab File: BM019434.D

Acq: 25 Mar 2019 16:48

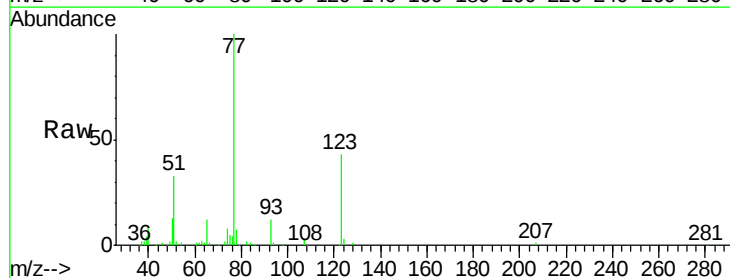
Tgt Ion: 77 Resp: 205238

Ion Ratio Lower Upper

77 100

123 42.7 31.8 47.8

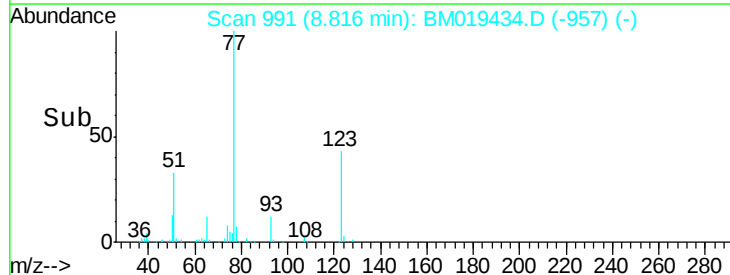
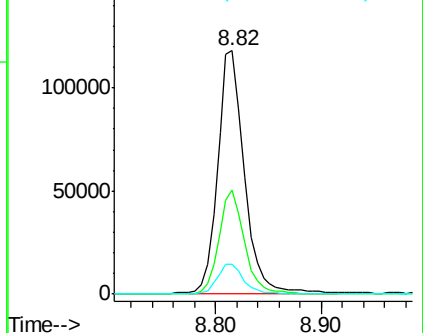
65 12.4 10.6 16.0

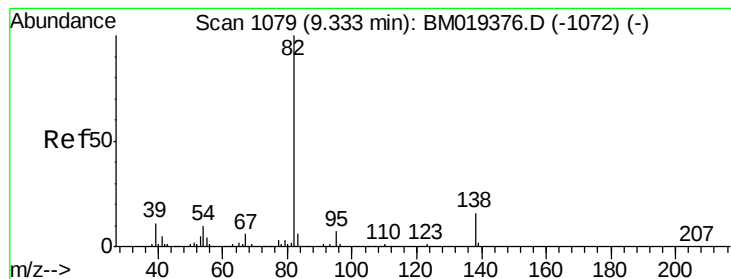


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 18.009 ng/ul

RT: 9.33 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BM019434.D

Acq: 25 Mar 2019 16:48

Instrument :

BNA\_M

ClientSampleId :

SSTD02070

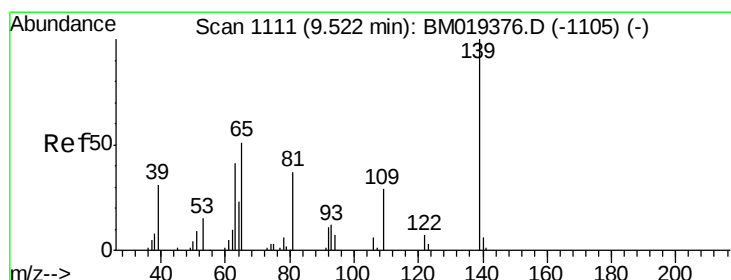
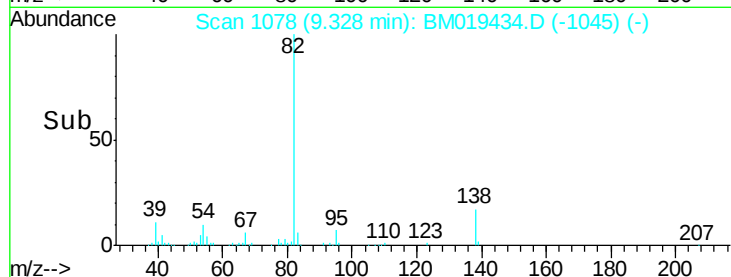
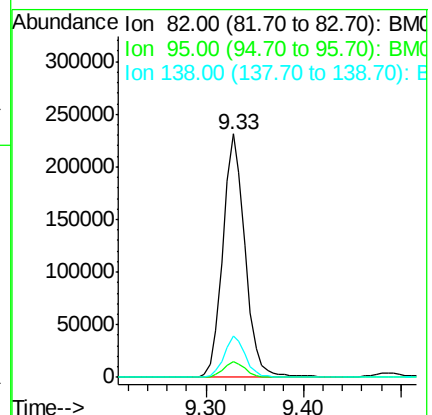
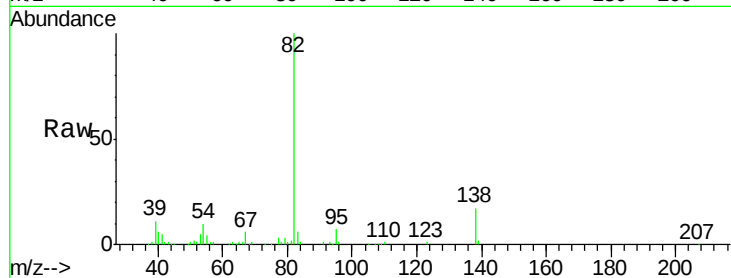
Tgt Ion: 82 Resp: 365231

Ion Ratio Lower Upper

82 100

95 6.5 6.1 9.1

138 17.0 13.5 20.3



#23

2-Nitrophenol

Concen: 19.020 ng/ul

RT: 9.52 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BM019434.D

Acq: 25 Mar 2019 16:48

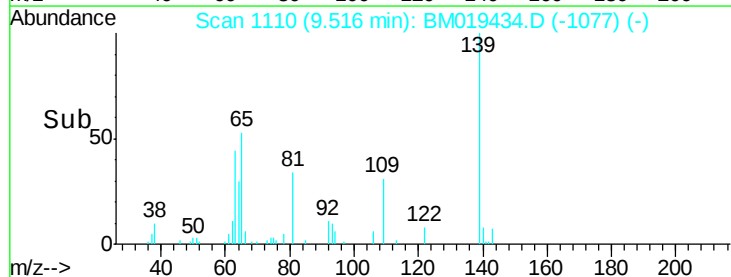
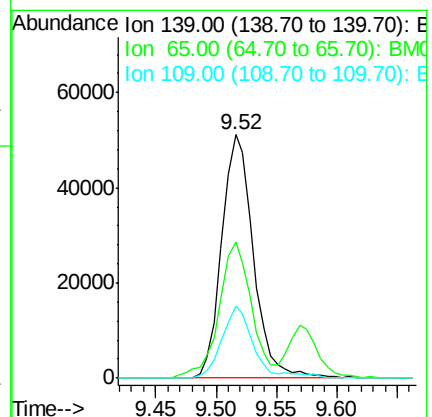
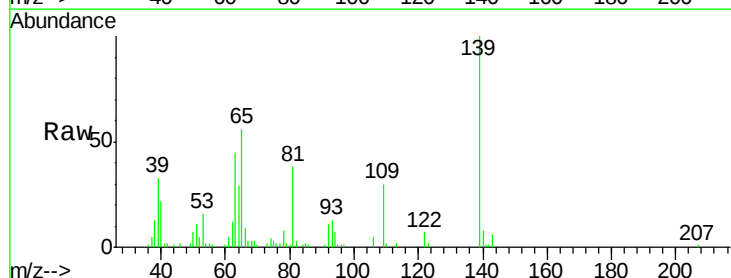
Tgt Ion: 139 Resp: 92736

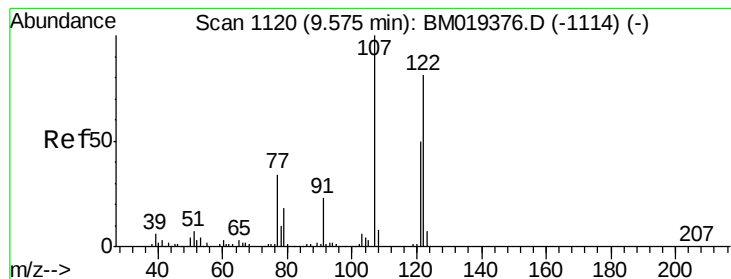
Ion Ratio Lower Upper

139 100

65 55.8 45.3 67.9

109 29.9 27.7 41.5





#24

2,4-Dimethylphenol

Concen: 18.040 ng/ul

RT: 9.57 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BM019434.D

Acq: 25 Mar 2019 16:48

Instrument :

BNA\_M

ClientSampleId :

SSTD02070

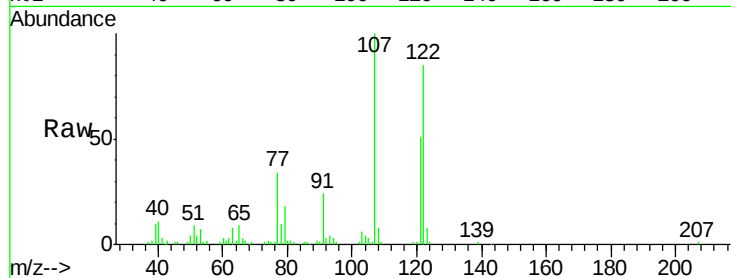
Tgt Ion: 107 Resp: 191133

Ion Ratio Lower Upper

107 100

121 50.8 38.1 57.1

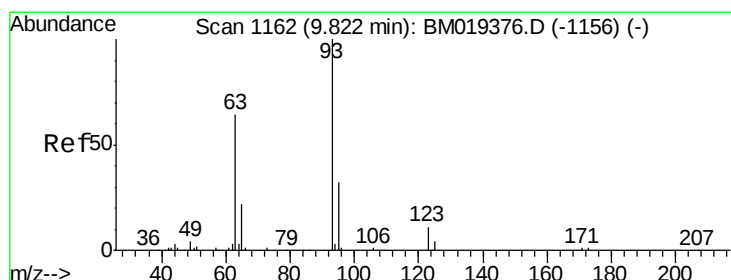
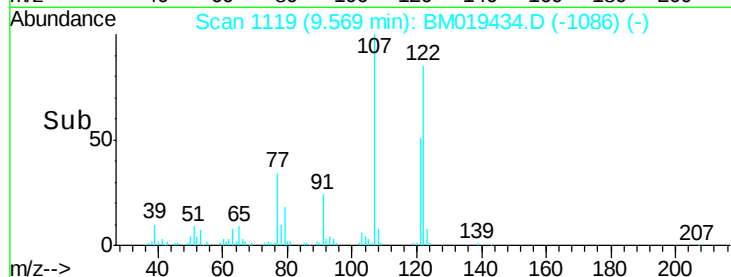
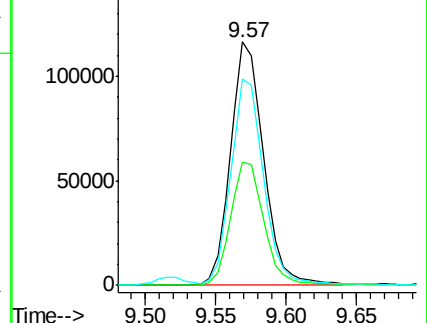
122 85.0 63.8 95.8



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: 18.074 ng/ul

RT: 9.82 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BM019434.D

Acq: 25 Mar 2019 16:48

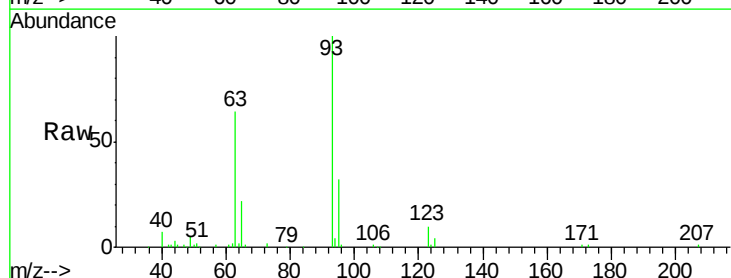
Tgt Ion: 93 Resp: 221194

Ion Ratio Lower Upper

93 100

95 31.7 24.7 37.1

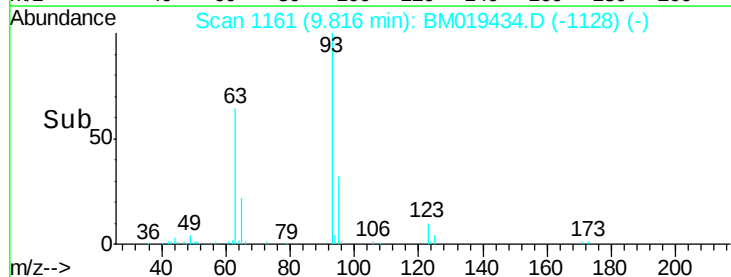
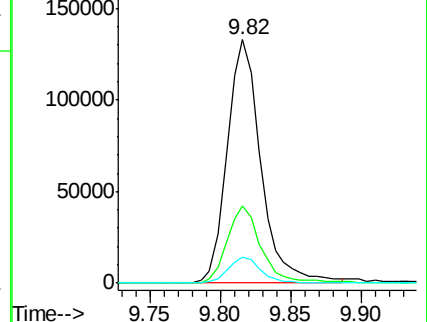
123 10.5 8.2 12.2

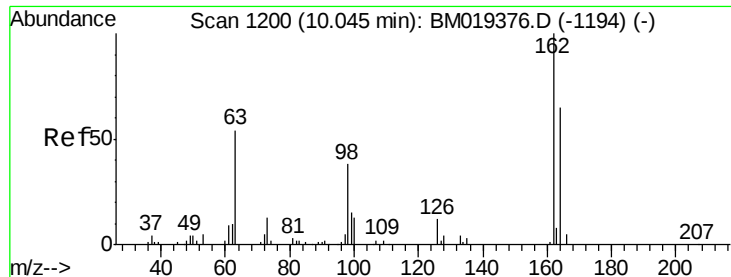


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

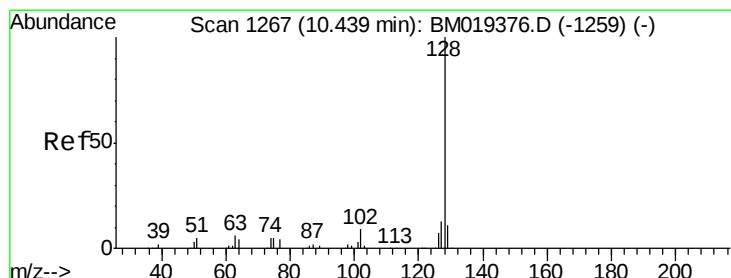
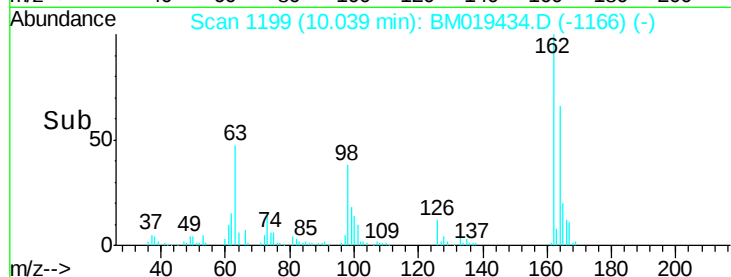
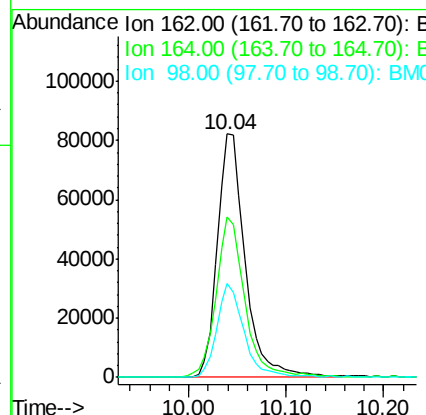
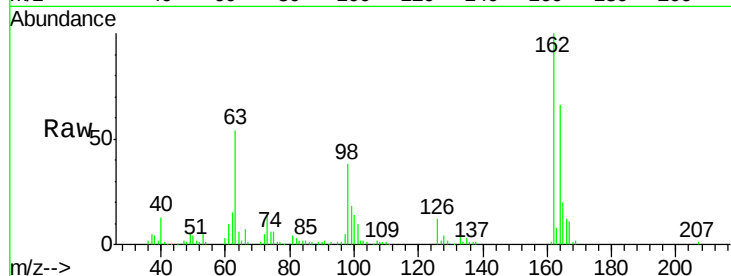




#27  
2,4-Dichlorophenol  
Concen: 19.847 ng/ul  
RT: 10.04 min Scan# 1199  
Delta R.T. -0.01 min  
Lab File: BM019434.D  
Acq: 25 Mar 2019 16:48

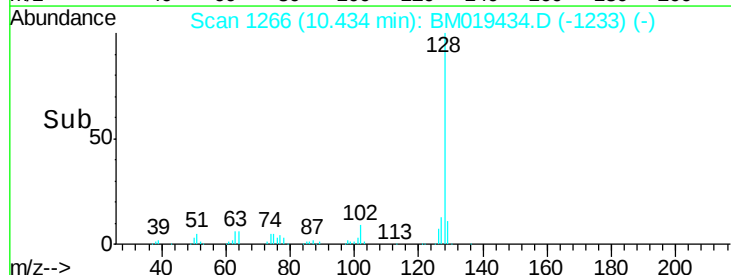
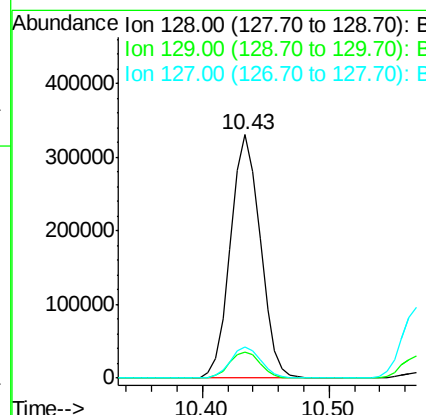
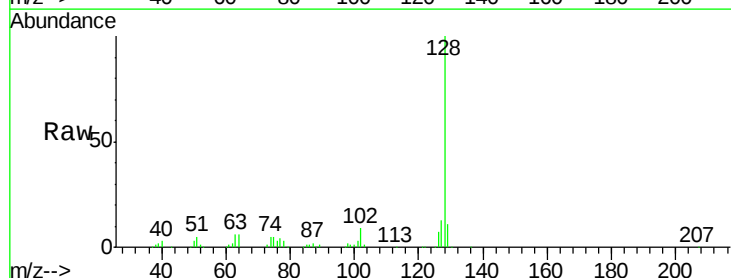
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02070

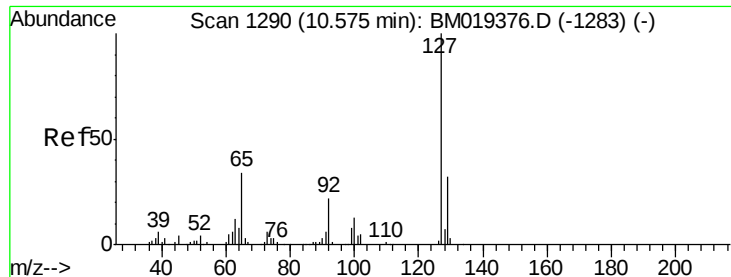
Tgt Ion:162 Resp: 163569  
Ion Ratio Lower Upper  
162 100  
164 65.9 52.0 78.0  
98 38.4 26.6 39.8



#28  
Naphthalene  
Concen: 18.663 ng/ul  
RT: 10.43 min Scan# 1266  
Delta R.T. -0.01 min  
Lab File: BM019434.D  
Acq: 25 Mar 2019 16:48

Tgt Ion:128 Resp: 538252  
Ion Ratio Lower Upper  
128 100  
129 10.6 8.3 12.5  
127 12.7 10.8 16.2

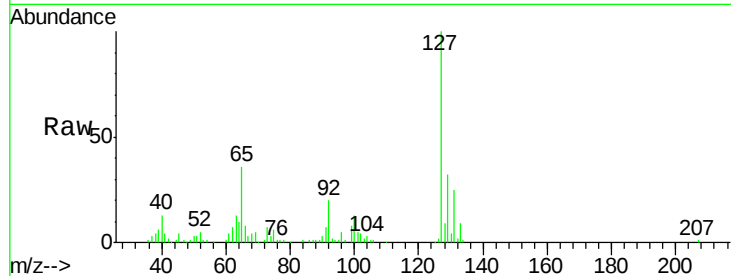




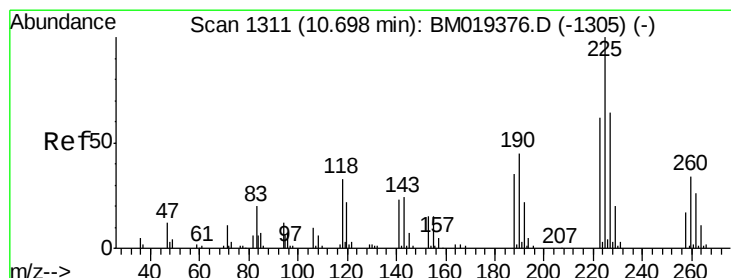
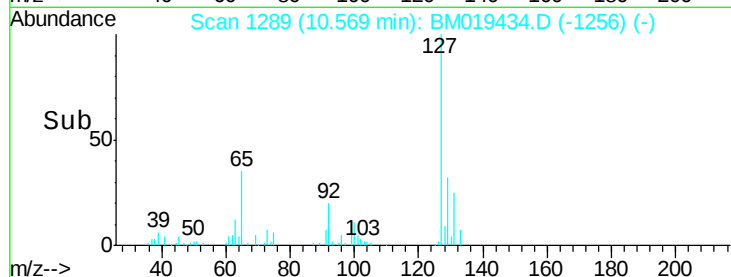
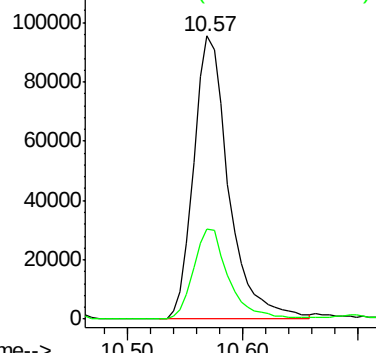
#30  
4-Chloroaniline  
Concen: 19.107 ng/ul  
RT: 10.57 min Scan# 1289  
Delta R.T. -0.01 min  
Lab File: BM019434.D  
Acq: 25 Mar 2019 16:48

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02070

Tgt Ion:127 Resp: 201469  
Ion Ratio Lower Upper  
127 100  
129 32.0 24.6 37.0

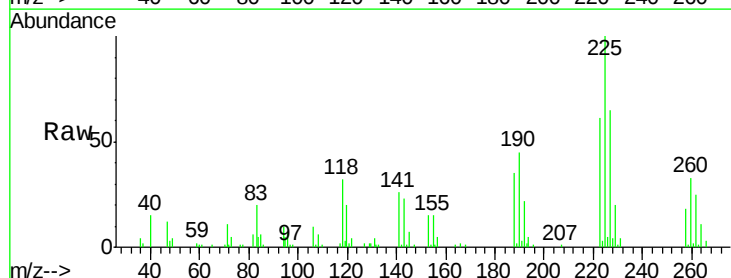


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E

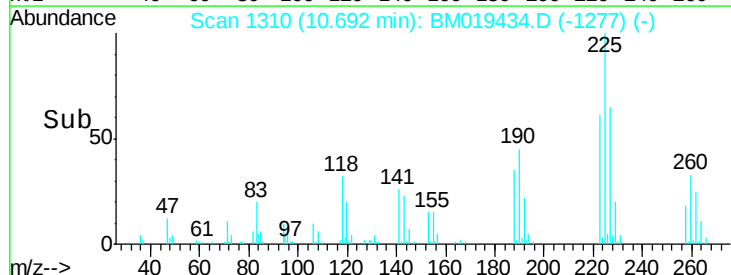
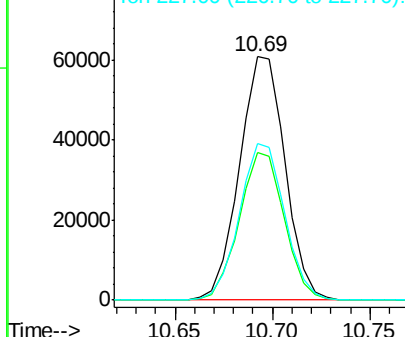


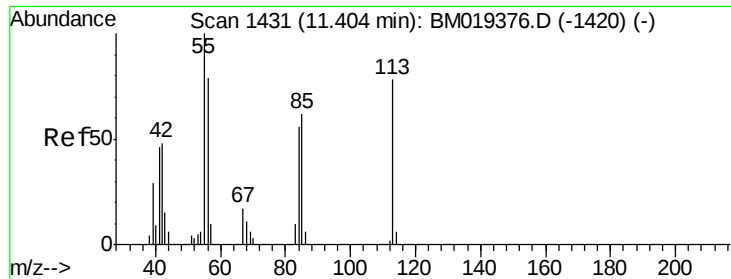
#31  
Hexachlorobutadiene  
Concen: 18.952 ng/ul  
RT: 10.69 min Scan# 1310  
Delta R.T. -0.01 min  
Lab File: BM019434.D  
Acq: 25 Mar 2019 16:48

Tgt Ion:225 Resp: 98535  
Ion Ratio Lower Upper  
225 100  
223 60.8 48.1 72.1  
227 64.5 52.1 78.1



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

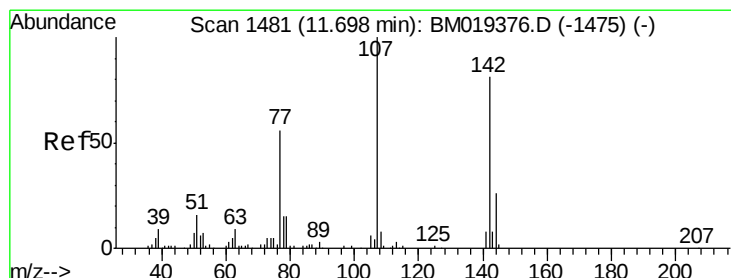
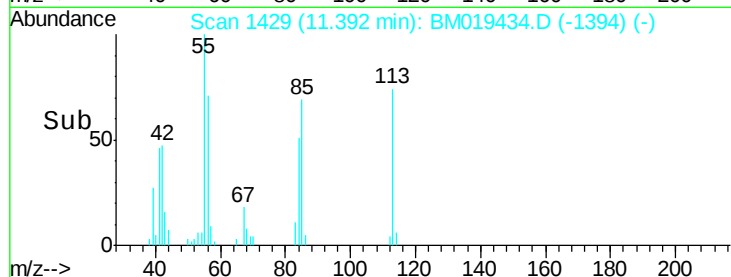
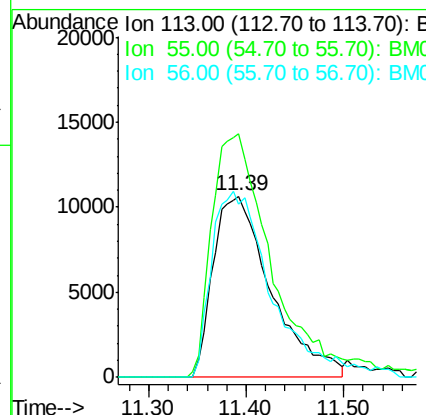
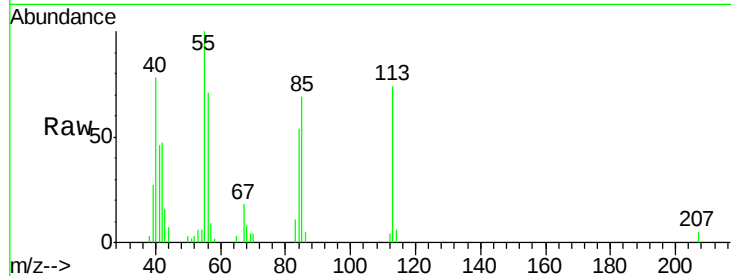




#32  
 Caprolactam  
 Concen: 17.977 ng/ul  
 RT: 11.39 min Scan# 1429  
 Delta R.T. 0.01 min  
 Lab File: BM019434.D  
 Acq: 25 Mar 2019 16:48

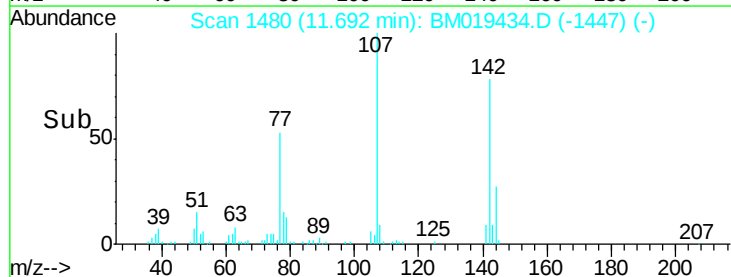
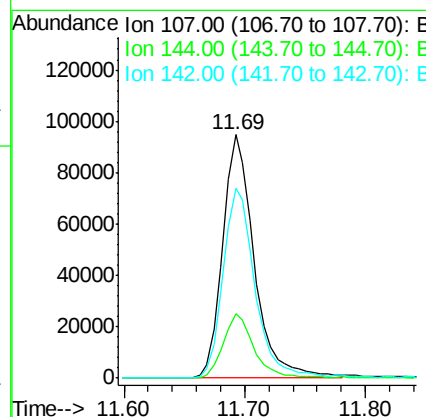
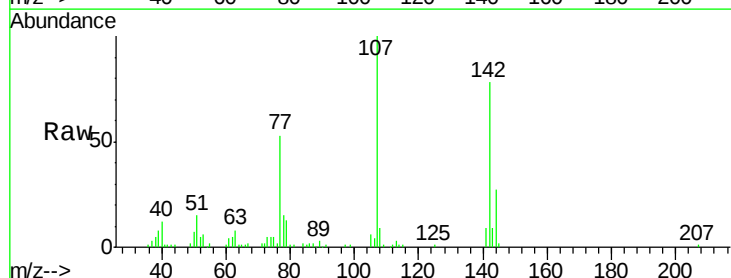
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02070

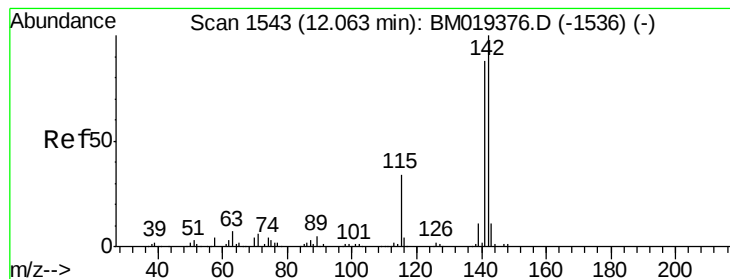
Tgt Ion:113 Resp: 43989  
 Ion Ratio Lower Upper  
 113 100  
 55 134.4 131.7 197.5  
 56 95.3 92.7 139.1



#33  
 4-Chloro-3-methylphenol  
 Concen: 19.282 ng/ul  
 RT: 11.69 min Scan# 1480  
 Delta R.T. -0.01 min  
 Lab File: BM019434.D  
 Acq: 25 Mar 2019 16:48

Tgt Ion:107 Resp: 171294  
 Ion Ratio Lower Upper  
 107 100  
 144 26.6 21.1 31.7  
 142 78.2 60.1 90.1





#34

2-Methylnaphthalene

Concen: 18.984 ng/ul

RT: 12.06 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BM019434.D

Acq: 25 Mar 2019 16:48

Instrument :

BNA\_M

ClientSampleId :

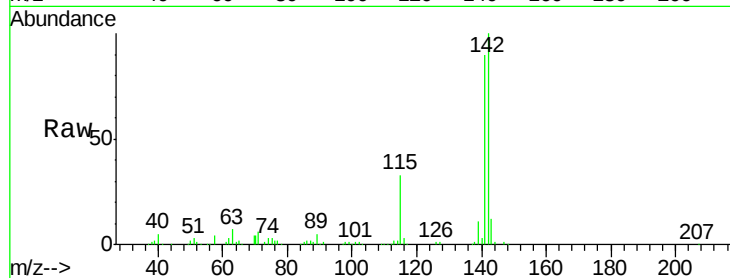
SSTD02070

Tgt Ion:142 Resp: 383643

Ion Ratio Lower Upper

142 100

141 89.7 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

250000

200000

150000

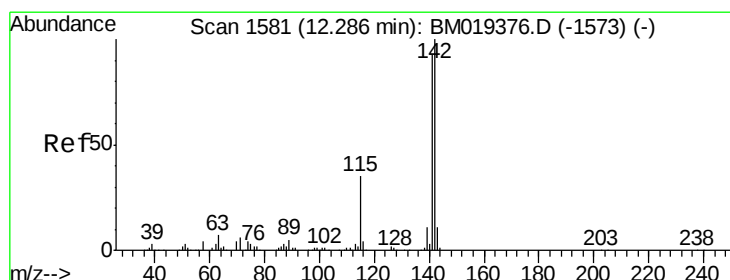
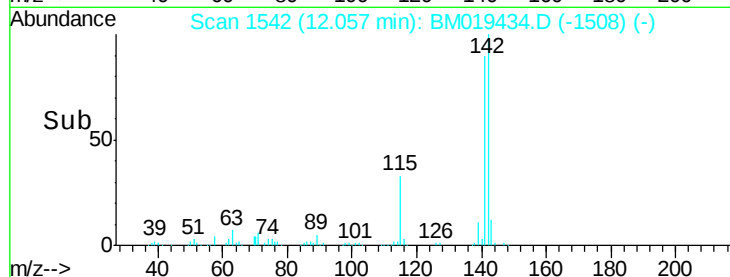
100000

50000

0

12.06

Time-->



#35

1-Methylnaphthalene

Concen: 18.987 ng/ul

RT: 12.28 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BM019434.D

Acq: 25 Mar 2019 16:48

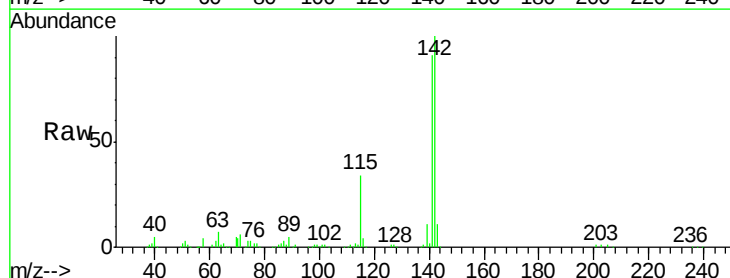
Tgt Ion:142 Resp: 362293

Ion Ratio Lower Upper

142 100

141 91.0 76.6 115.0

116 3.8 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

300000

250000

200000

150000

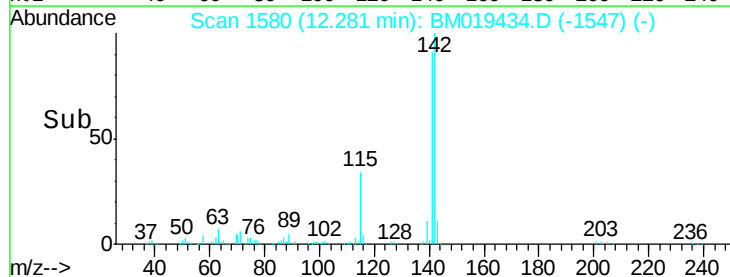
100000

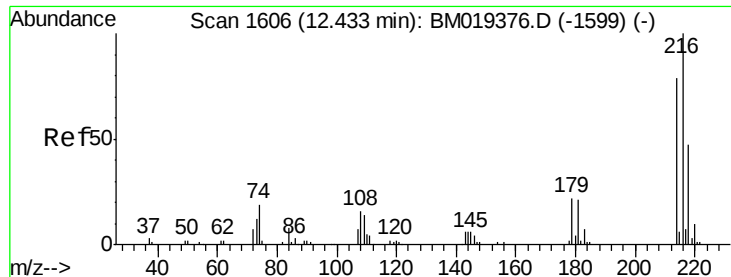
50000

0

12.28

Time-->

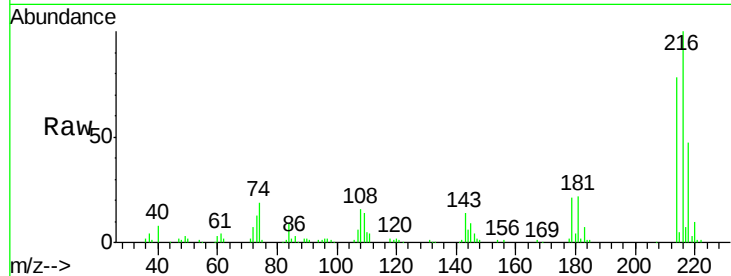




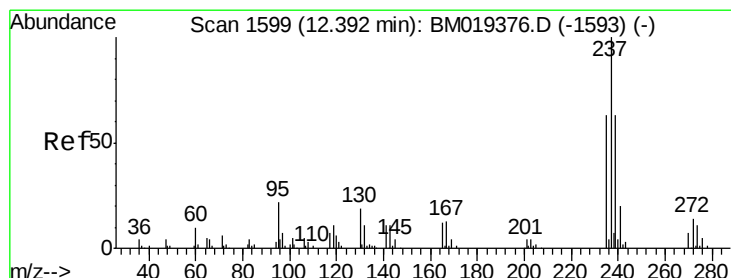
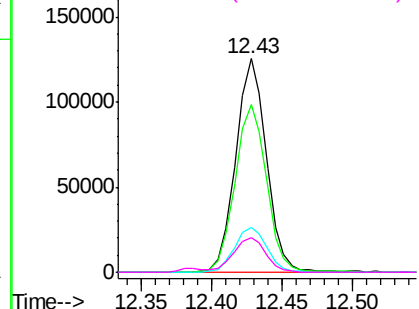
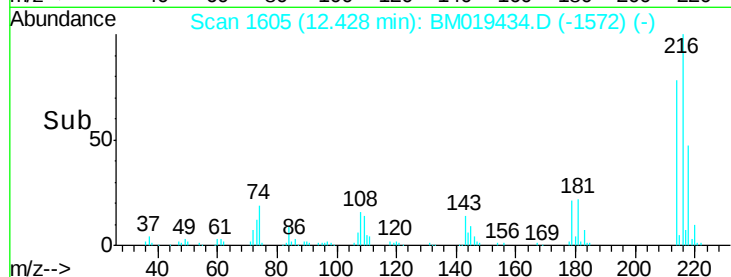
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 18.829 ng/ul  
 RT: 12.43 min Scan# 1605  
 Delta R.T. -0.01 min  
 Lab File: BM019434.D  
 Acq: 25 Mar 2019 16:48

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02070

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 190796 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 78.5  | 64.1  | 96.1   |
| 179      | 21.2  | 14.5  | 21.7   |
| 108      | 16.4  | 10.4  | 15.6   |

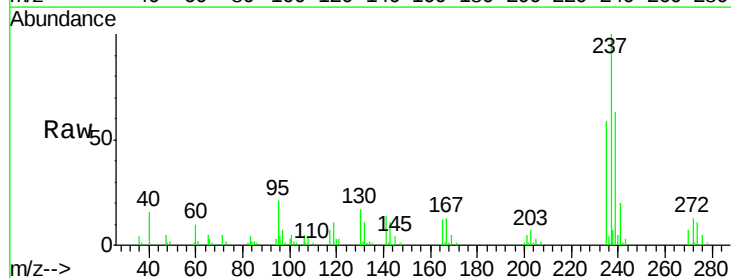


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

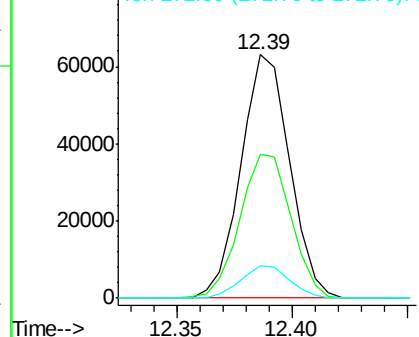
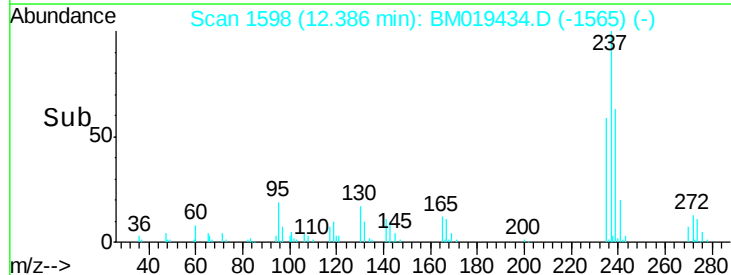


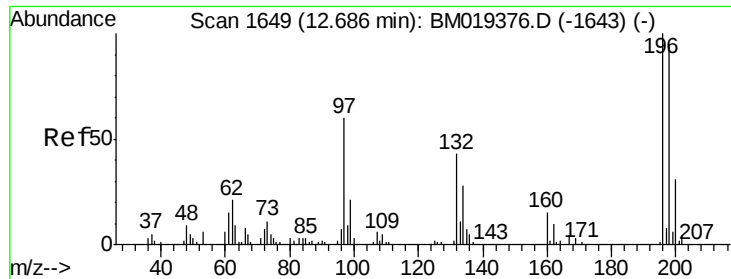
#38  
 Hexachlorocyclopentadiene  
 Concen: 17.871 ng/ul  
 RT: 12.39 min Scan# 1598  
 Delta R.T. -0.01 min  
 Lab File: BM019434.D  
 Acq: 25 Mar 2019 16:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 92888 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 59.3  | 49.5  | 74.3  |
| 272      | 14.1  | 8.6   | 12.8  |



Abundance Ion 237.00 (236.70 to 237.70): E  
 Ion 235.00 (234.70 to 235.70): E  
 Ion 272.00 (271.70 to 272.70): E

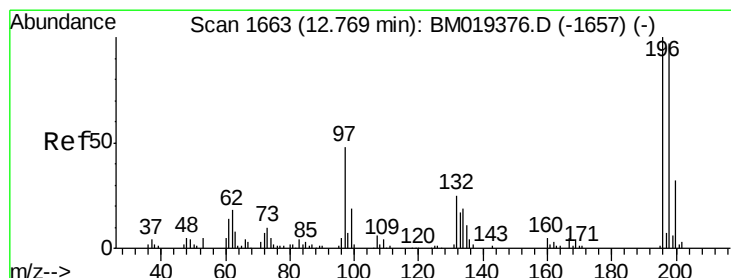
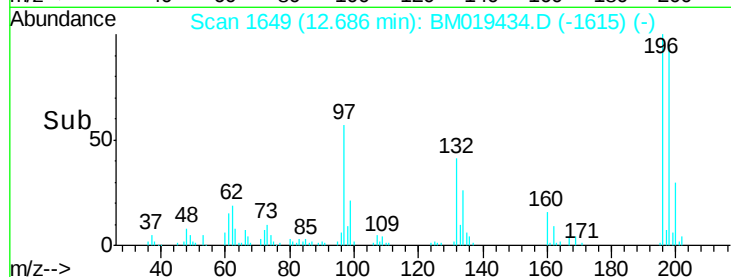
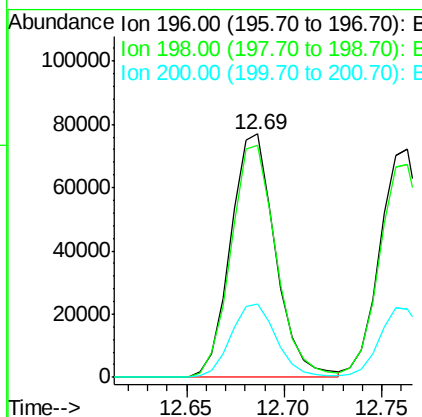
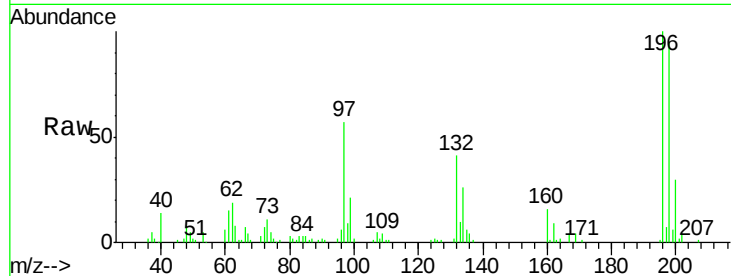




#39  
 2,4,6-Trichlorophenol  
 Concen: 19.376 ng/ul  
 RT: 12.69 min Scan# 1649  
 Delta R.T. 0.00 min  
 Lab File: BM019434.D  
 Acq: 25 Mar 2019 16:48

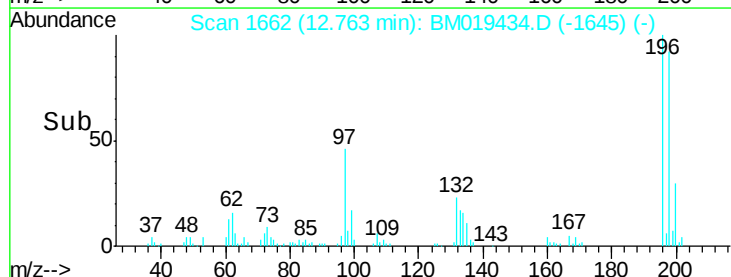
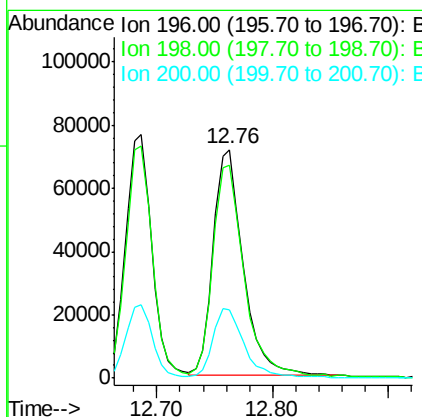
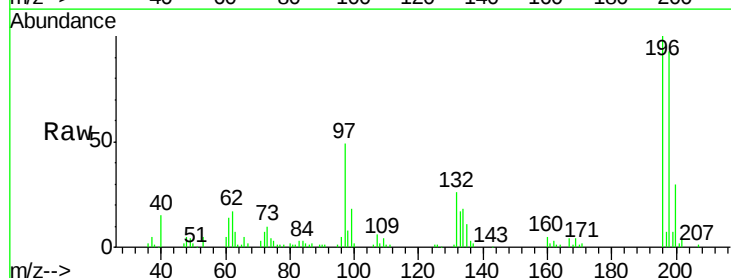
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02070

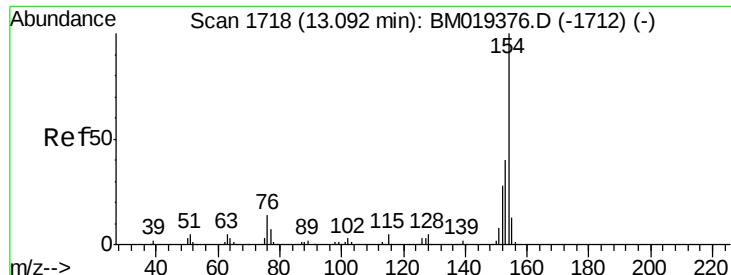
Tgt Ion:196 Resp: 122496  
 Ion Ratio Lower Upper  
 196 100  
 198 95.3 75.9 113.9  
 200 30.0 25.8 38.6



#40  
 2,4,5-Trichlorophenol  
 Concen: 19.087 ng/ul  
 RT: 12.76 min Scan# 1662  
 Delta R.T. 0.00 min  
 Lab File: BM019434.D  
 Acq: 25 Mar 2019 16:48

Tgt Ion:196 Resp: 129411  
 Ion Ratio Lower Upper  
 196 100  
 198 93.0 74.7 112.1  
 200 29.8 25.4 38.0

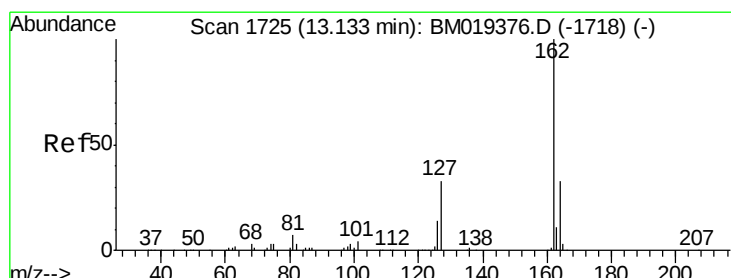
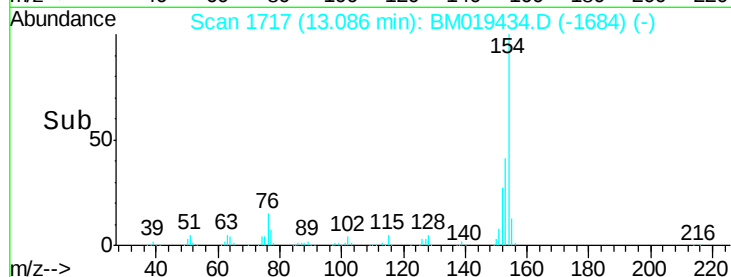
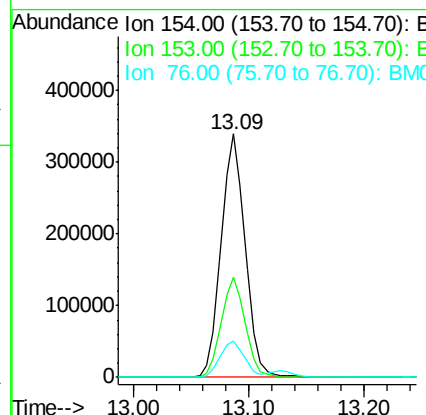
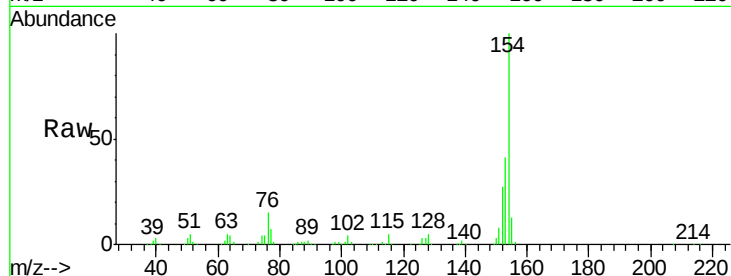




#41  
 1,1'-Biphenyl  
 Concen: 18.003 ng/ul  
 RT: 13.09 min Scan# 1717  
 Delta R.T. -0.01 min  
 Lab File: BM019434.D  
 Acq: 25 Mar 2019 16:48

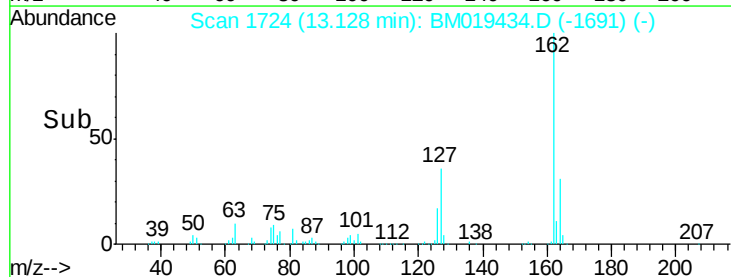
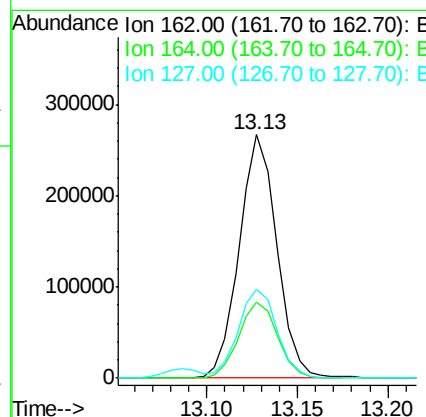
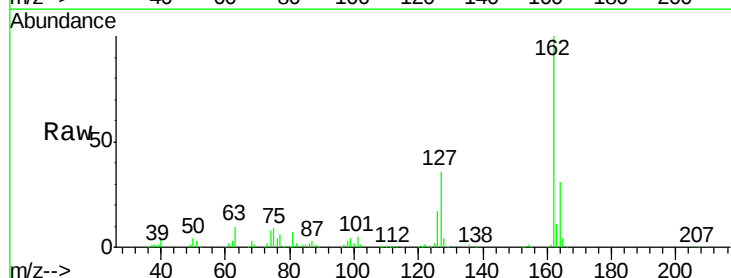
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02070

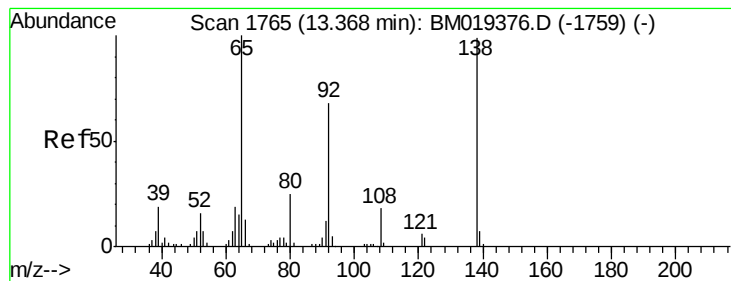
Tgt Ion:154 Resp: 488282  
 Ion Ratio Lower Upper  
 154 100  
 153 41.1 34.0 51.0  
 76 14.9 8.4 12.6#



#42  
 2-Chloronaphthalene  
 Concen: 18.544 ng/ul  
 RT: 13.13 min Scan# 1724  
 Delta R.T. -0.01 min  
 Lab File: BM019434.D  
 Acq: 25 Mar 2019 16:48

Tgt Ion:162 Resp: 385180  
 Ion Ratio Lower Upper  
 162 100  
 164 31.4 26.2 39.4  
 127 36.3 29.5 44.3





#43

2-Nitroaniline

Concen: 18.297 ng/ul

RT: 13.36 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BM019434.D

Acq: 25 Mar 2019 16:48

Instrument :

BNA\_M

ClientSampleId :

SSTD02070

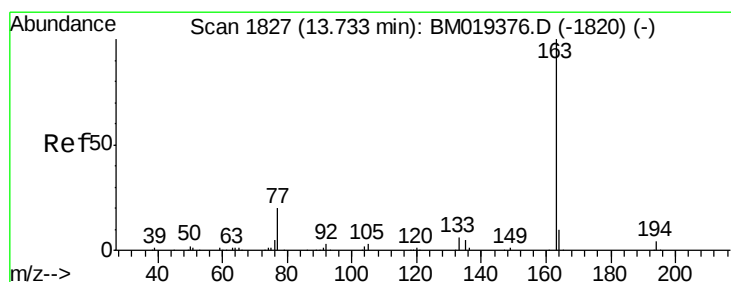
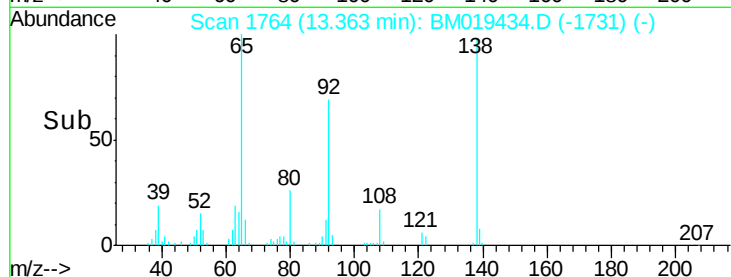
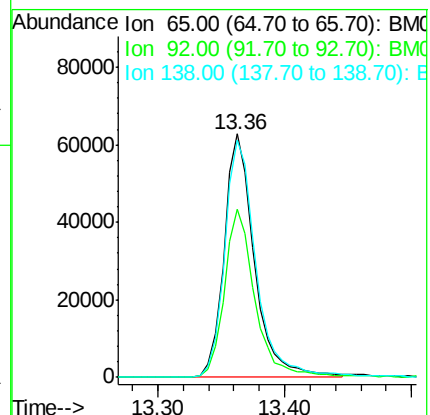
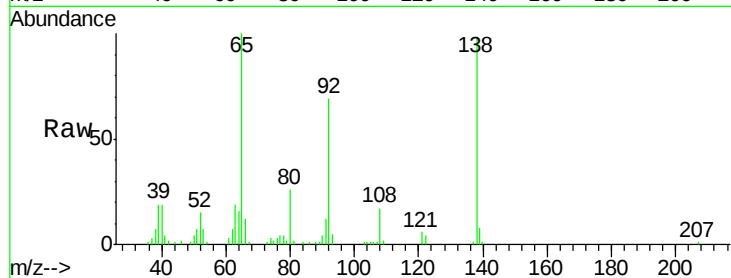
Tgt Ion: 65 Resp: 104370

Ion Ratio Lower Upper

65 100

92 69.1 57.0 85.4

138 97.7 87.2 130.8



#45

Dimethylphthalate

Concen: 18.028 ng/ul

RT: 13.73 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM019434.D

Acq: 25 Mar 2019 16:48

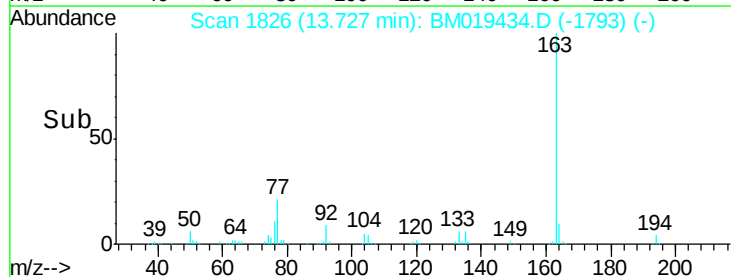
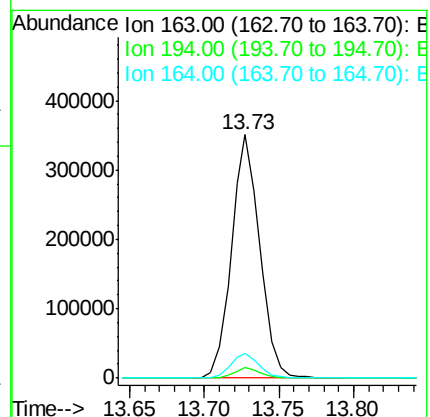
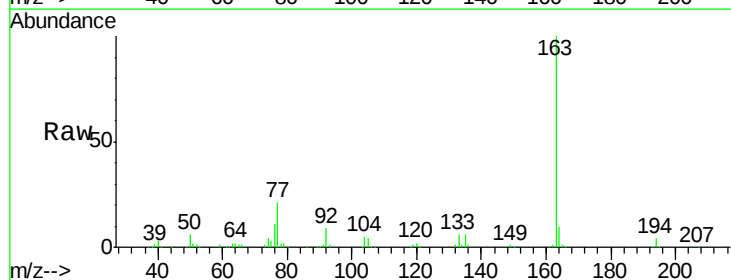
Tgt Ion: 163 Resp: 464783

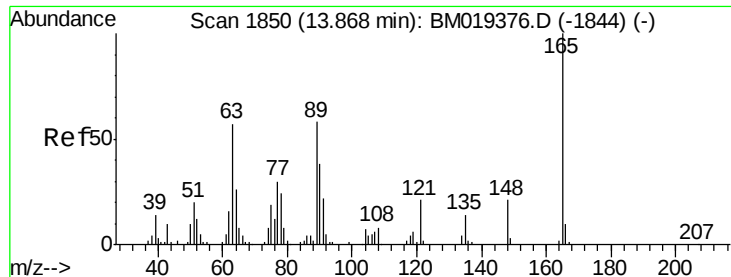
Ion Ratio Lower Upper

163 100

194 4.3 4.0 6.0

164 10.2 8.4 12.6

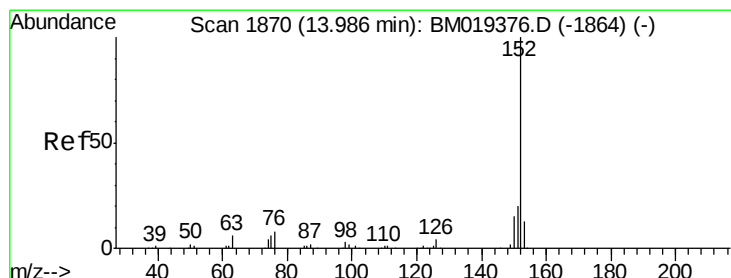
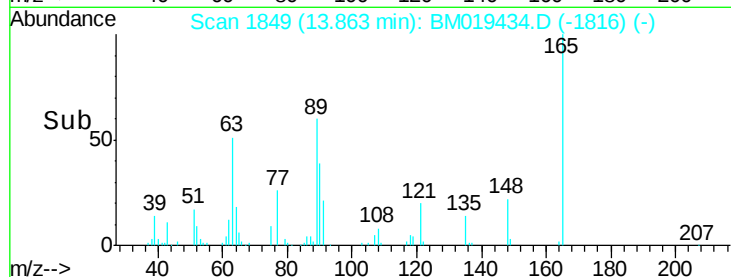
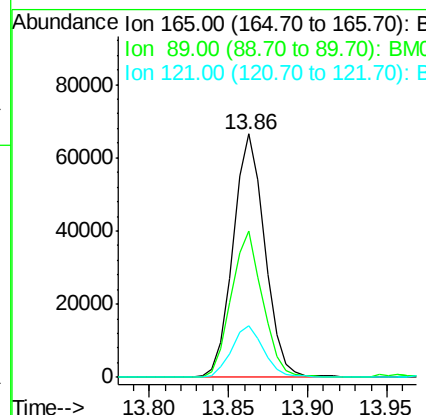
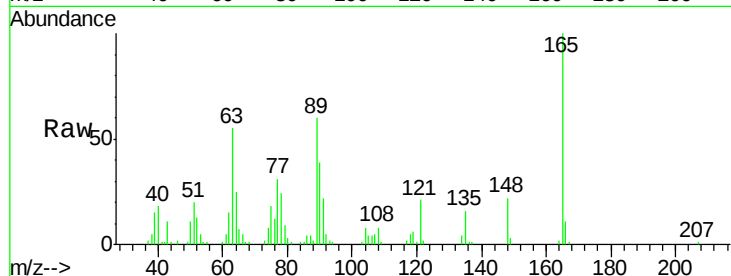




#46  
 2,6-Dinitrotoluene  
 Concen: 19.504 ng/ul  
 RT: 13.86 min Scan# 1849  
 Delta R.T. -0.01 min  
 Lab File: BM019434.D  
 Acq: 25 Mar 2019 16:48

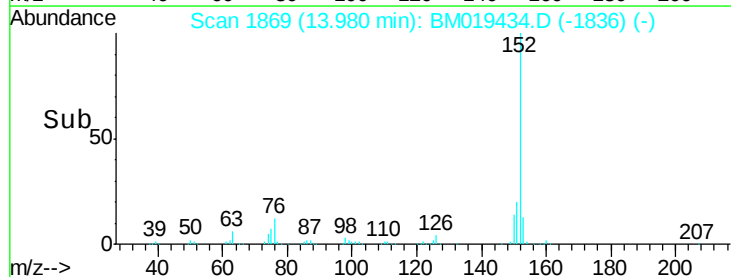
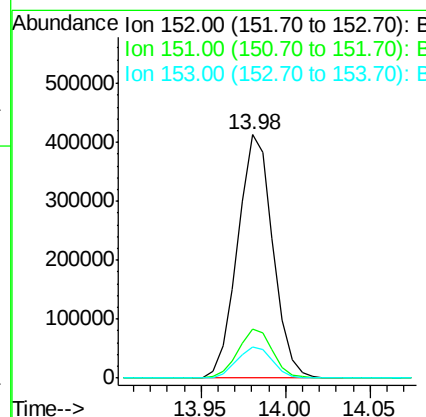
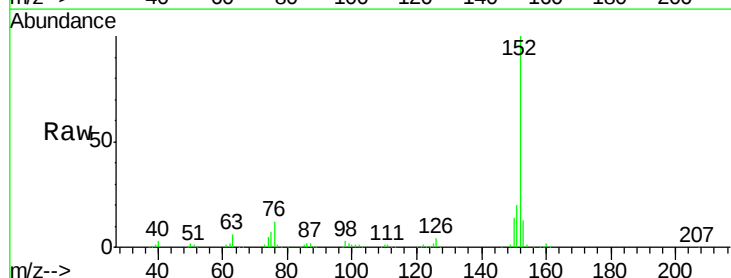
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02070

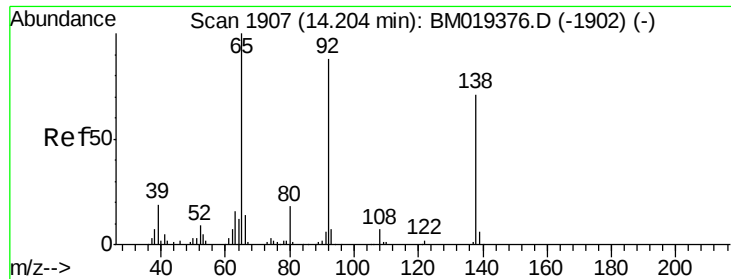
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 60.2  | 43.8  | 65.8  |
| 121     | 21.0  | 17.8  | 26.6  |



#48  
 Acenaphthylene  
 Concen: 18.785 ng/ul  
 RT: 13.98 min Scan# 1869  
 Delta R.T. -0.01 min  
 Lab File: BM019434.D  
 Acq: 25 Mar 2019 16:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.0  | 16.1  | 24.1  |
| 153     | 13.0  | 10.8  | 16.2  |





#49

3-Nitroaniline

Concen: 18.864 ng/ul

RT: 14.20 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BM019434.D

Acq: 25 Mar 2019 16:48

Instrument :

BNA\_M

ClientSampleId :

SSTD02070

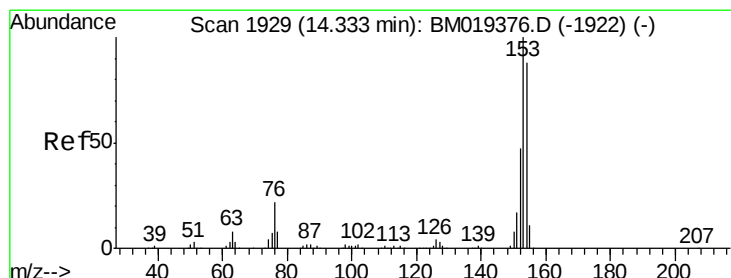
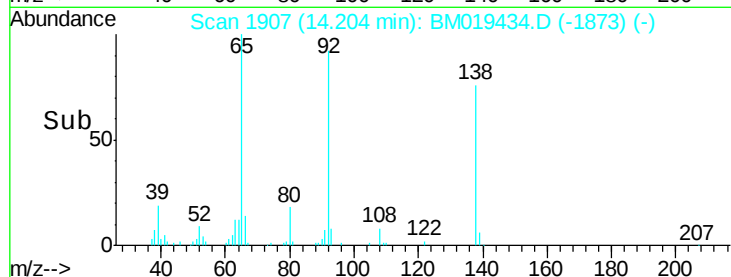
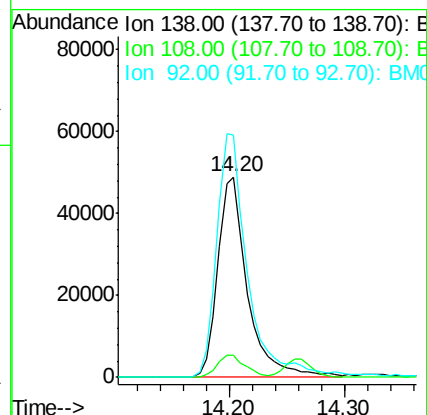
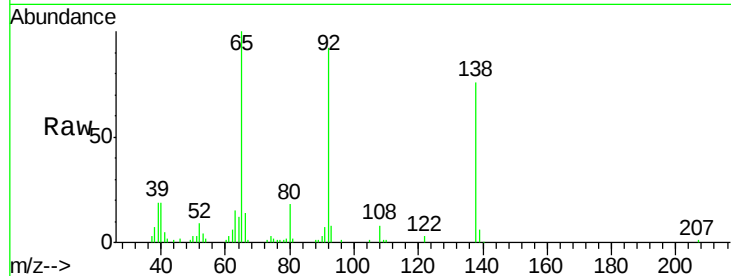
Tgt Ion:138 Resp: 87363

Ion Ratio Lower Upper

138 100

108 10.8 7.6 11.4

92 120.7 94.2 141.2



#50

Acenaphthene

Concen: 18.448 ng/ul

RT: 14.33 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BM019434.D

Acq: 25 Mar 2019 16:48

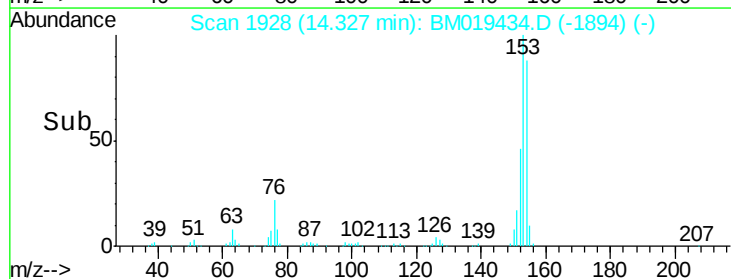
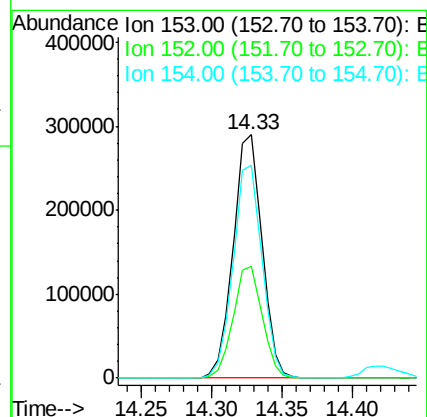
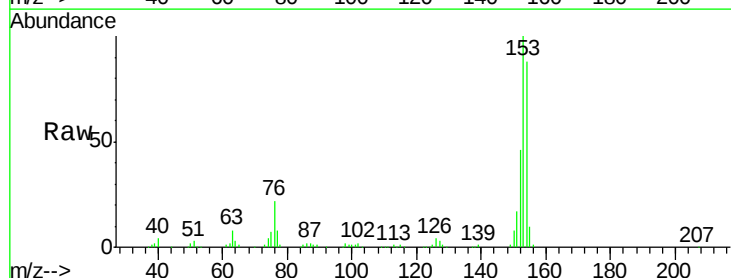
Tgt Ion:153 Resp: 413745

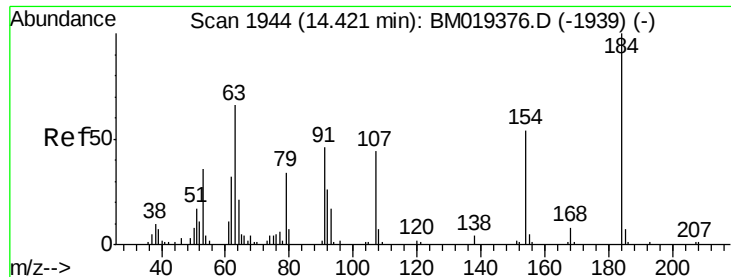
Ion Ratio Lower Upper

153 100

152 45.8 37.9 56.9

154 87.6 69.8 104.6

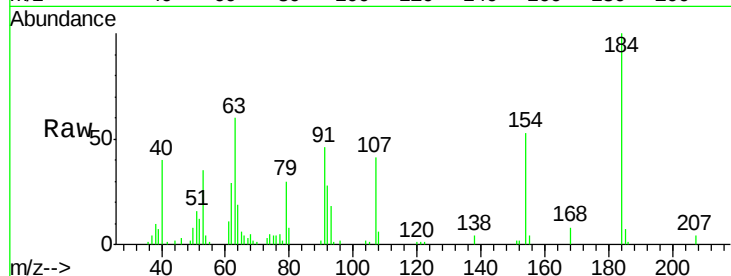




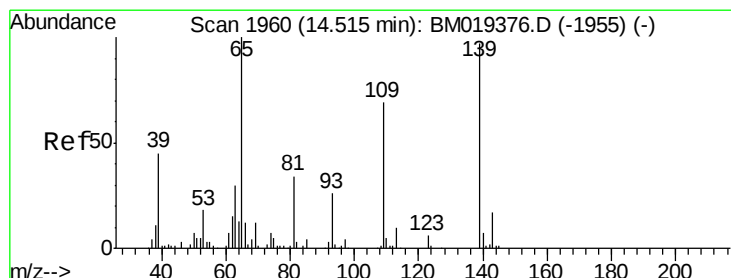
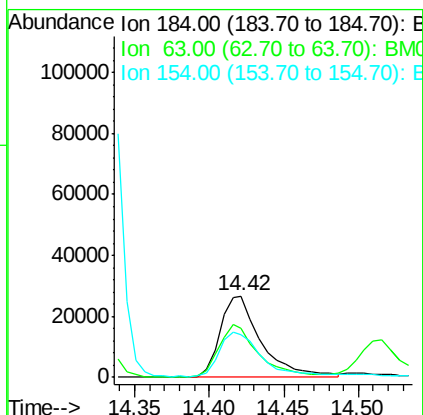
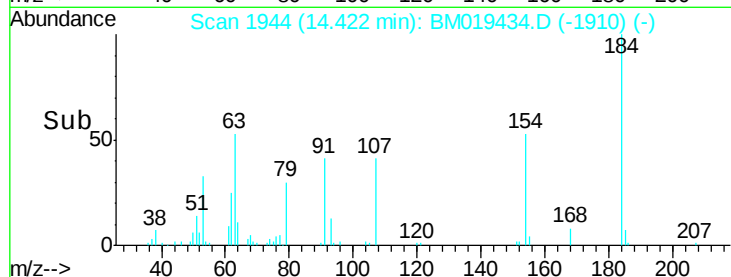
#51  
2,4-Dinitrophenol  
Concen: 18.793 ng/ul  
RT: 14.42 min Scan# 1944  
Delta R.T. 0.00 min  
Lab File: BM019434.D  
Acq: 25 Mar 2019 16:48

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02070

Tgt Ion:184 Resp: 51499  
Ion Ratio Lower Upper  
184 100  
63 60.3 39.7 59.5#  
154 52.6 45.0 67.6

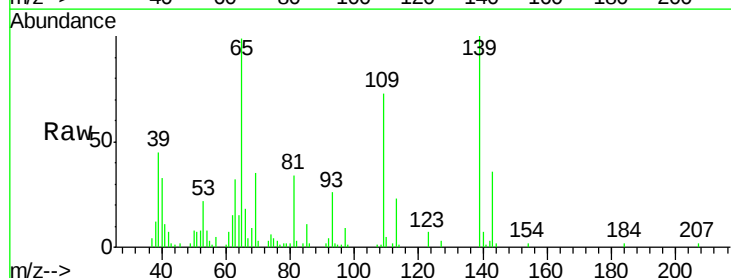


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BM019434.D (-1910) (-)  
Ion 154.00 (153.70 to 154.70): E

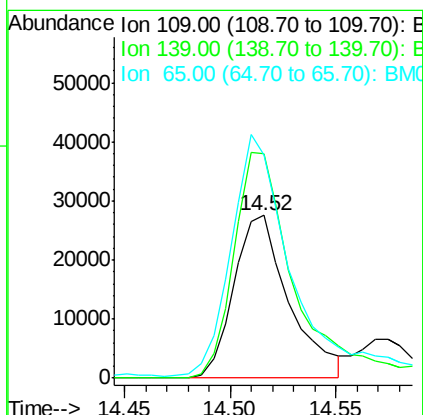
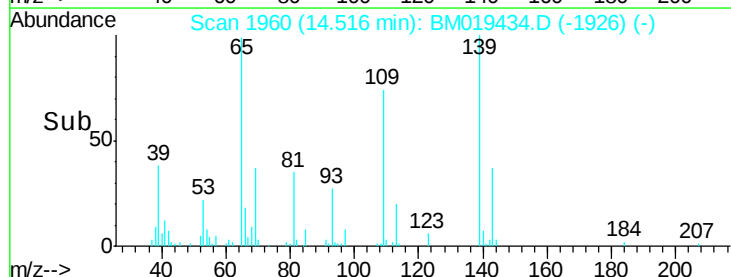


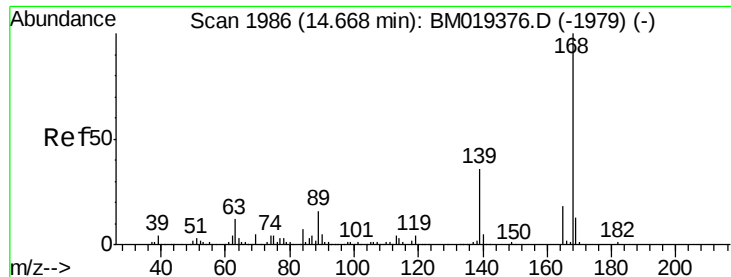
#53  
4-Nitrophenol  
Concen: 15.889 ng/ul  
RT: 14.52 min Scan# 1960  
Delta R.T. 0.00 min  
Lab File: BM019434.D  
Acq: 25 Mar 2019 16:48

Tgt Ion:109 Resp: 50087  
Ion Ratio Lower Upper  
109 100  
139 137.9 91.2 136.8#  
65 137.1 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): BM019434.D (-1926) (-)





#54

Dibenzofuran

Concen: 18.665 ng/ul

RT: 14.66 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BM019434.D

Acq: 25 Mar 2019 16:48

Instrument :

BNA\_M

ClientSampleId :

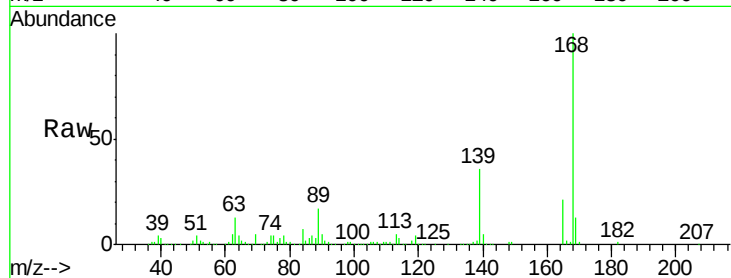
SSTD02070

Tgt Ion:168 Resp: 584581

Ion Ratio Lower Upper

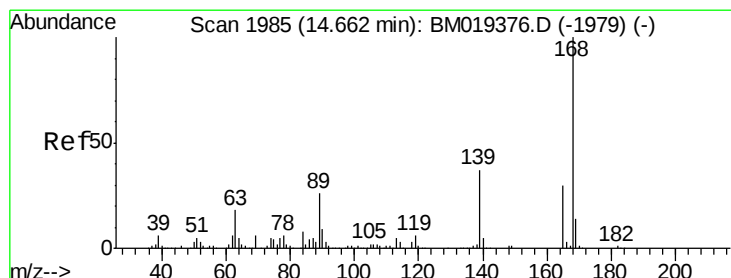
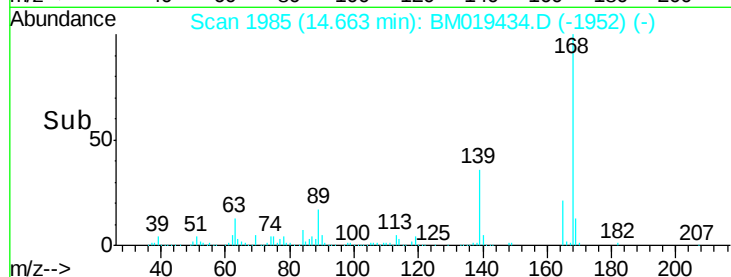
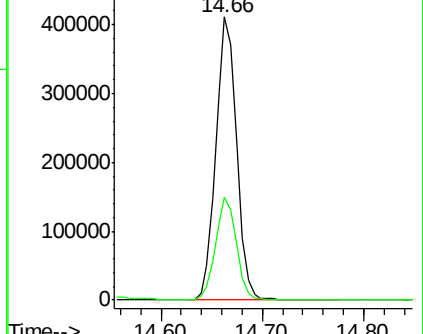
168 100

139 36.2 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: 19.614 ng/ul

RT: 14.66 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BM019434.D

Acq: 25 Mar 2019 16:48

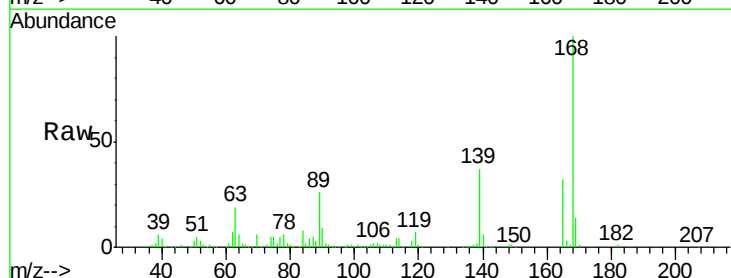
Tgt Ion:165 Resp: 137464

Ion Ratio Lower Upper

165 100

63 58.8 31.4 47.0#

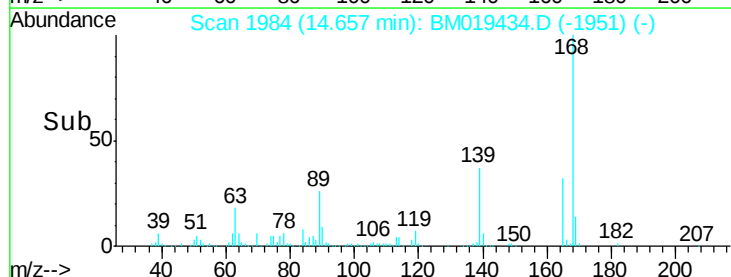
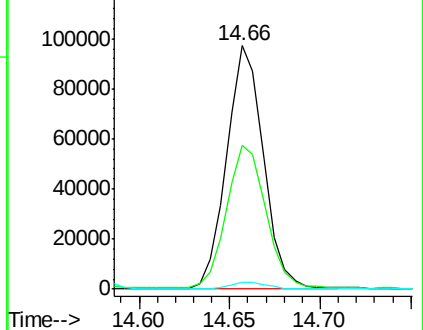
182 3.0 2.7 4.1

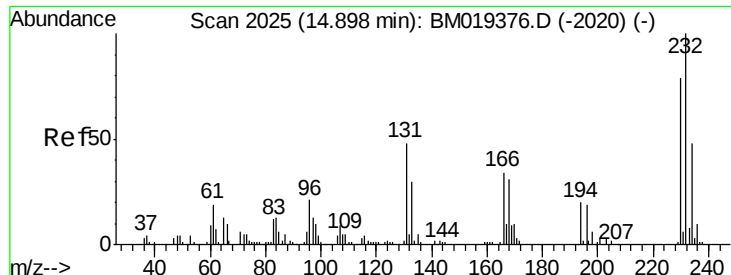


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

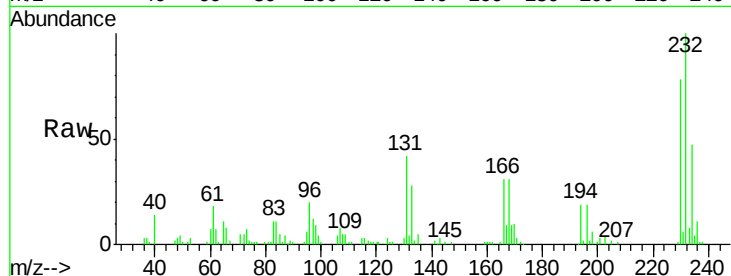




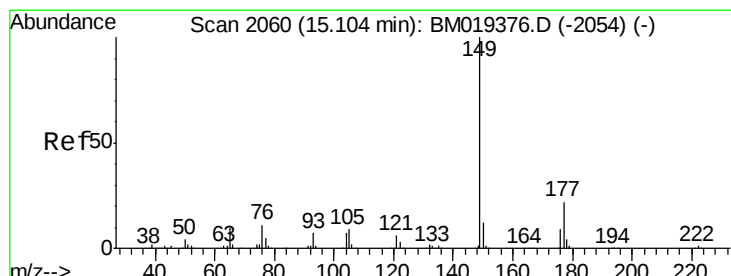
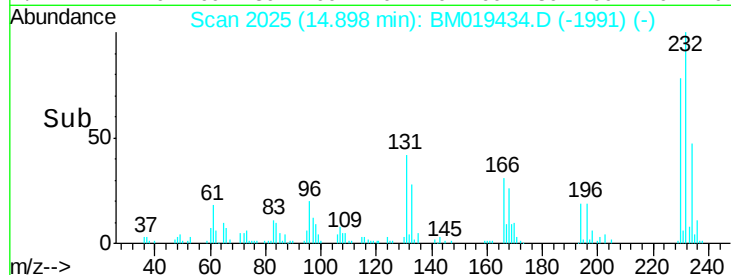
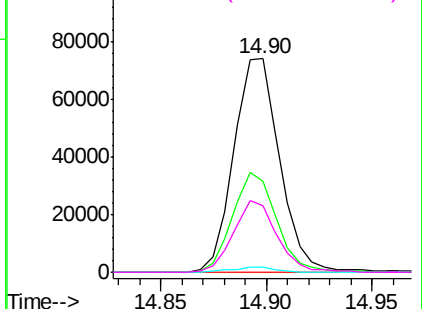
#56  
 2,3,4,6-Tetrachlorophenol  
 Concen: 19.468 ng/ul  
 RT: 14.90 min Scan# 2025  
 Delta R.T. 0.00 min  
 Lab File: BM019434.D  
 Acq: 25 Mar 2019 16:48

Instrument :  
 BNA\_M  
 ClientSampled :  
 SSTD02070

Tgt Ion:232 Resp: 111191  
 Ion Ratio Lower Upper  
 232 100  
 131 42.5 27.1 40.7#  
 130 2.7 0.0 0.0#  
 166 31.2 20.0 30.0#

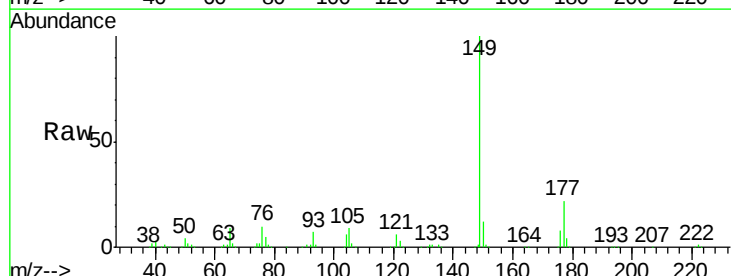


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

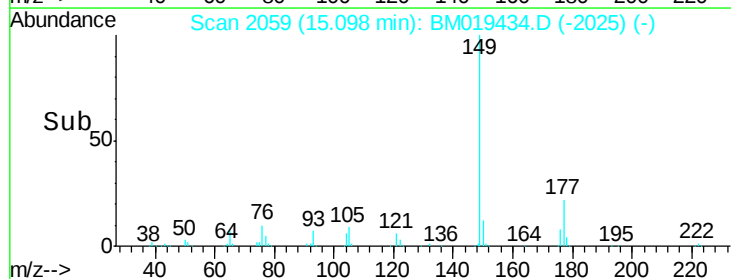
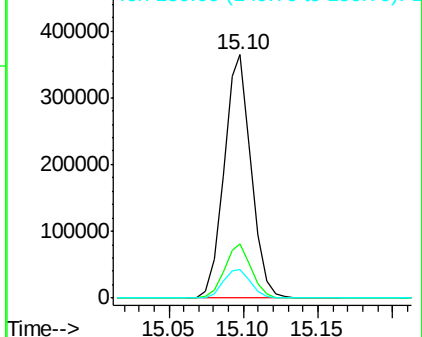


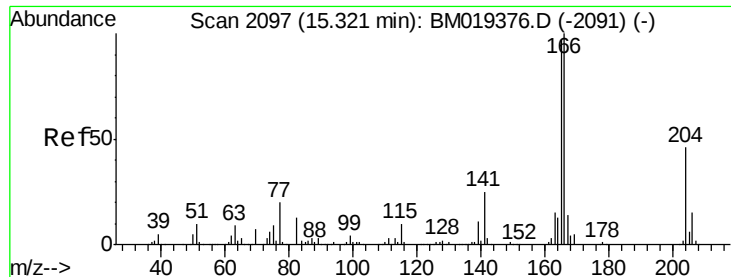
#57  
 Diethylphthalate  
 Concen: 18.257 ng/ul  
 RT: 15.10 min Scan# 2059  
 Delta R.T. 0.00 min  
 Lab File: BM019434.D  
 Acq: 25 Mar 2019 16:48

Tgt Ion:149 Resp: 462959  
 Ion Ratio Lower Upper  
 149 100  
 177 22.5 19.3 28.9  
 150 12.0 10.6 15.8



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





#59

Fluorene

Concen: 18.974 ng/ul

RT: 15.32 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BM019434.D

Acq: 25 Mar 2019 16:48

Instrument :

BNA\_M

ClientSampleId :

SSTD02070

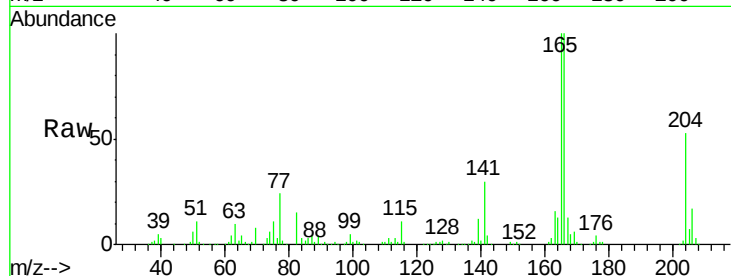
Tgt Ion:166 Resp: 470936

Ion Ratio Lower Upper

166 100

165 99.8 78.4 117.6

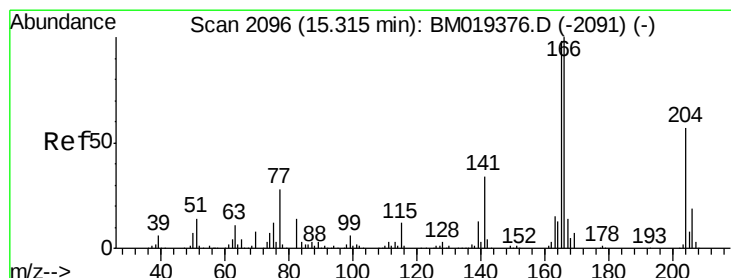
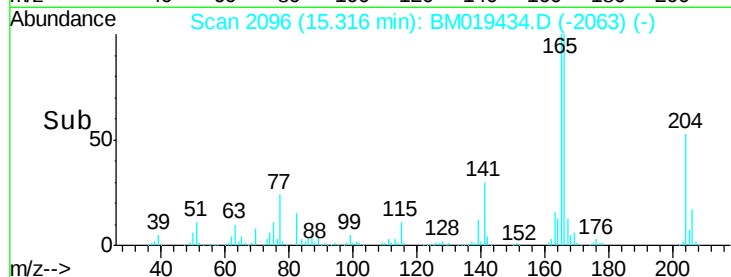
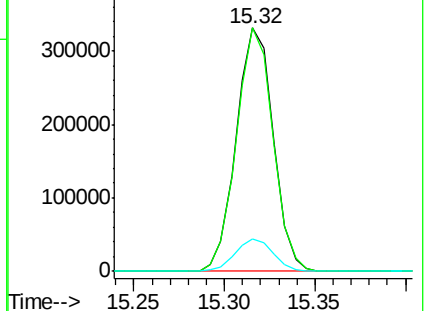
167 13.4 11.1 16.7



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



#60

4-Chlorophenyl-phenylether

Concen: 18.664 ng/ul

RT: 15.32 min Scan# 2096

Delta R.T. 0.00 min

Lab File: BM019434.D

Acq: 25 Mar 2019 16:48

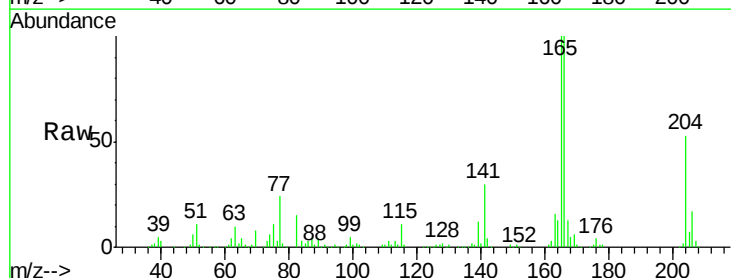
Tgt Ion:204 Resp: 231091

Ion Ratio Lower Upper

204 100

206 33.0 26.6 40.0

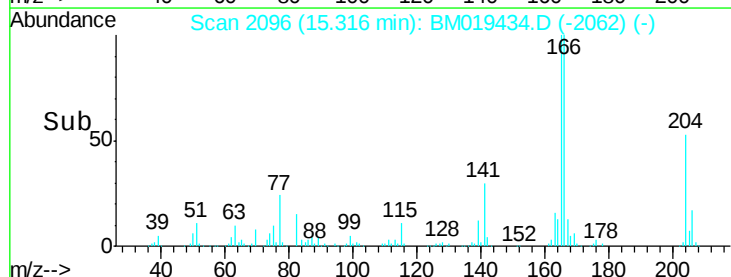
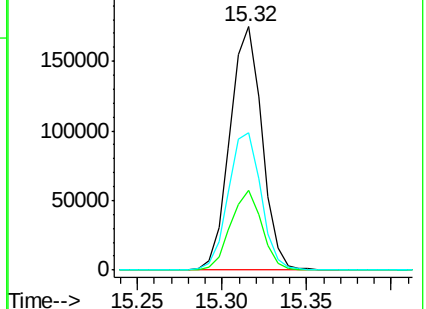
141 56.6 40.7 61.1

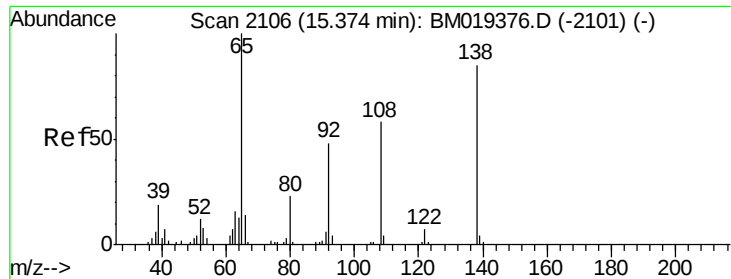


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

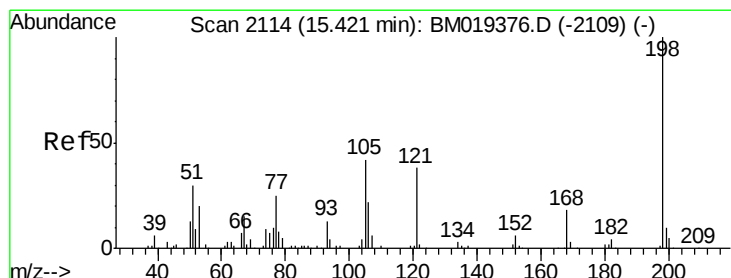
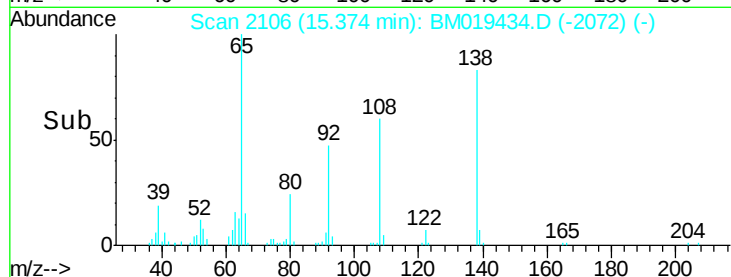
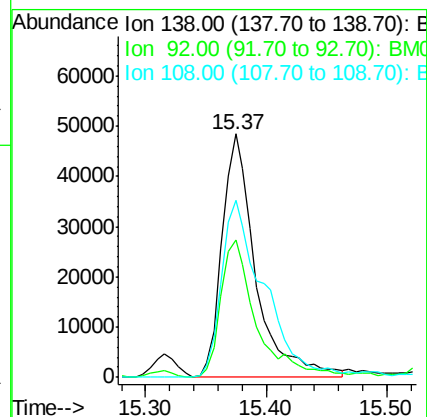
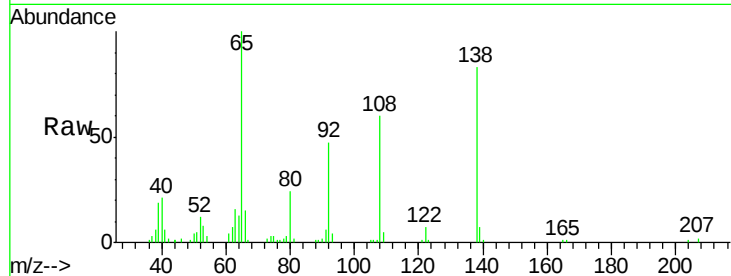




#61  
4-Nitroaniline  
Concen: 18.519 ng/ul  
RT: 15.37 min Scan# 2106  
Delta R.T. 0.00 min  
Lab File: BM019434.D  
Acq: 25 Mar 2019 16:48

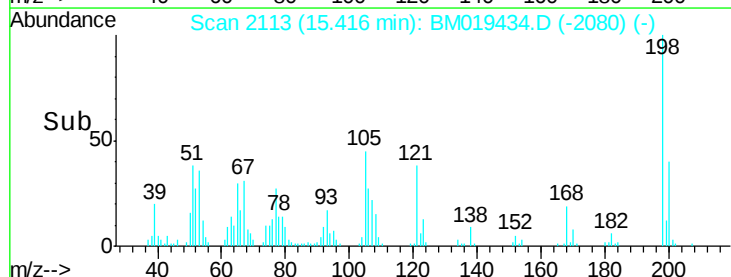
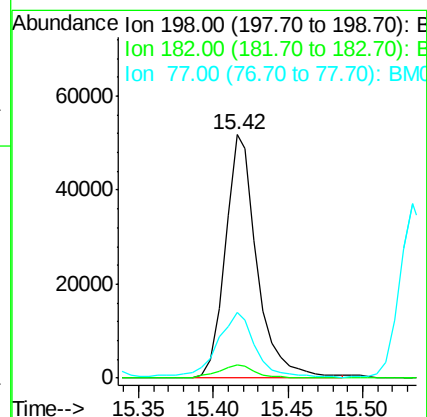
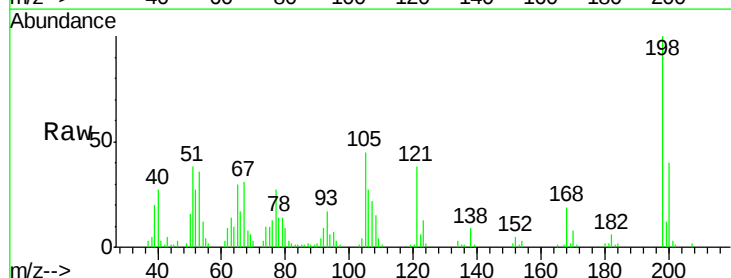
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02070

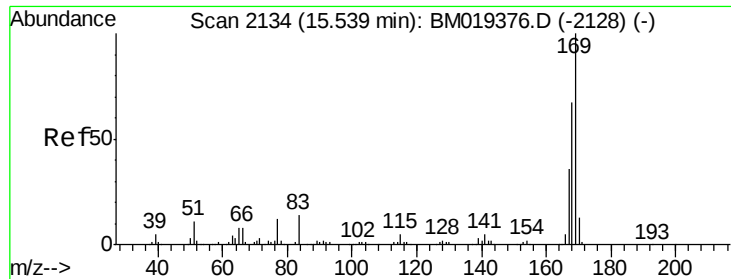
Tgt Ion:138 Resp: 93623  
Ion Ratio Lower Upper  
138 100  
92 56.2 38.2 57.4  
108 72.9 70.0 105.0



#64  
4,6-Dinitro-2-methylphenol  
Concen: 15.880 ng/ul  
RT: 15.42 min Scan# 2113  
Delta R.T. -0.01 min  
Lab File: BM019434.D  
Acq: 25 Mar 2019 16:48

Tgt Ion:198 Resp: 77165  
Ion Ratio Lower Upper  
198 100  
182 5.6 3.5 5.3#  
77 27.2 18.2 27.4

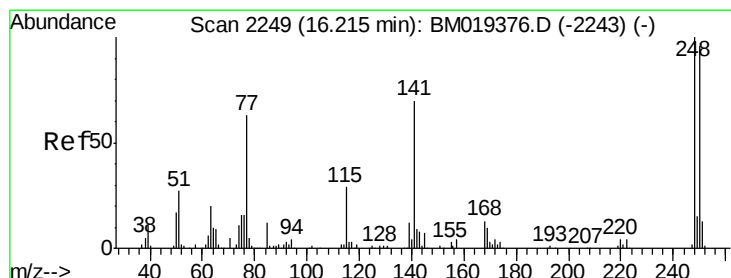
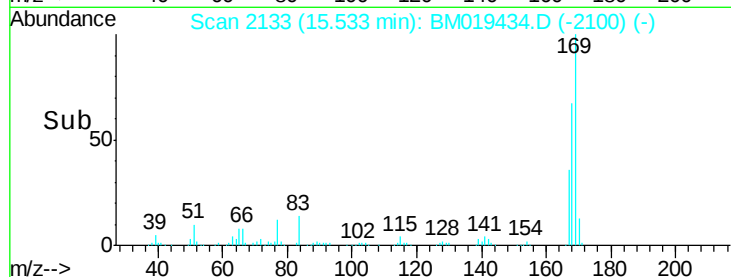
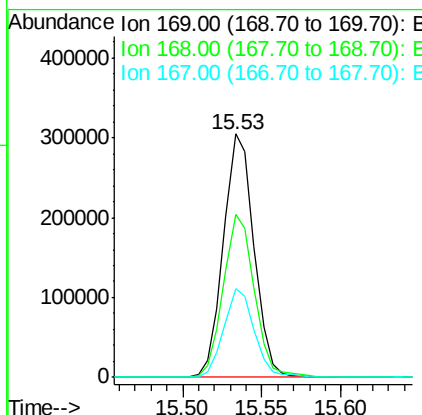
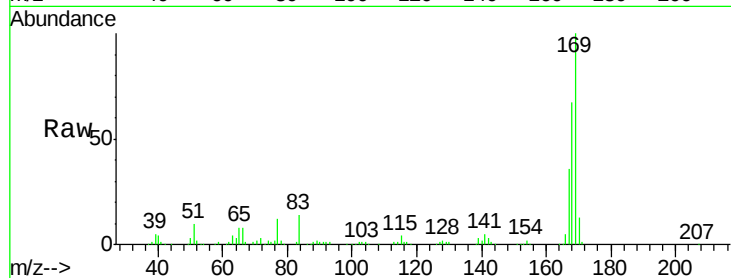




#65  
N-Nitrosodiphenylamine  
Concen: 18.888 ng/ul  
RT: 15.53 min Scan# 2133  
Delta R.T. -0.01 min  
Lab File: BM019434.D  
Acq: 25 Mar 2019 16:48

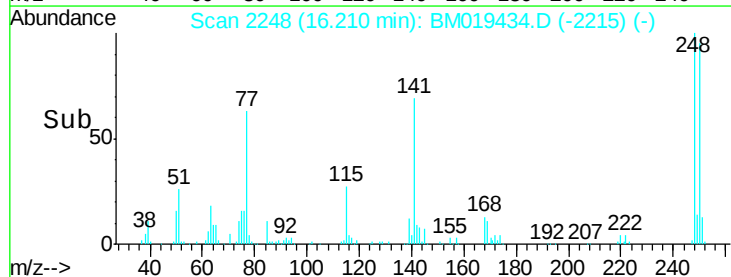
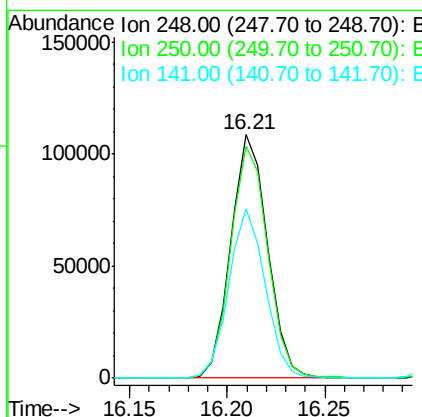
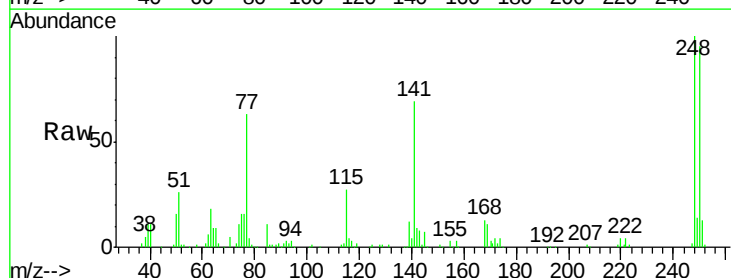
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02070

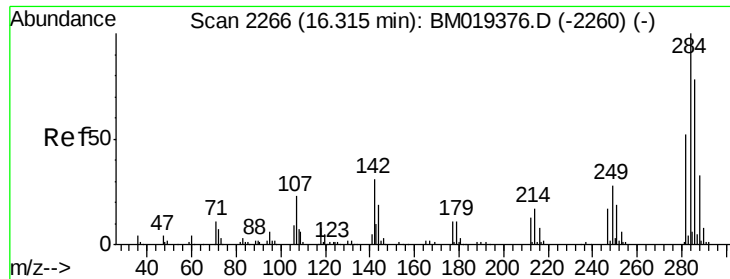
Tgt Ion:169 Resp: 407834  
Ion Ratio Lower Upper  
169 100  
168 66.8 53.8 80.8  
167 36.2 29.5 44.3



#66  
4-Bromophenyl-phenylether  
Concen: 18.819 ng/ul  
RT: 16.21 min Scan# 2248  
Delta R.T. -0.01 min  
Lab File: BM019434.D  
Acq: 25 Mar 2019 16:48

Tgt Ion:248 Resp: 141842  
Ion Ratio Lower Upper  
248 100  
250 95.3 79.0 118.4  
141 69.5 51.9 77.9

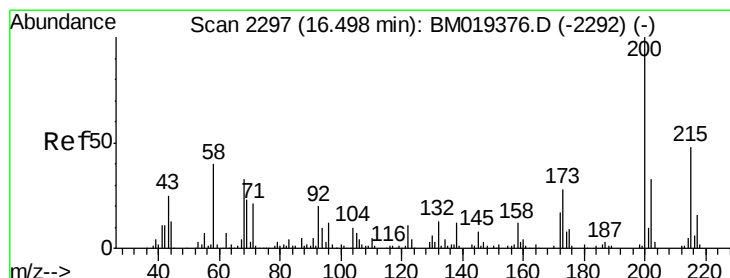
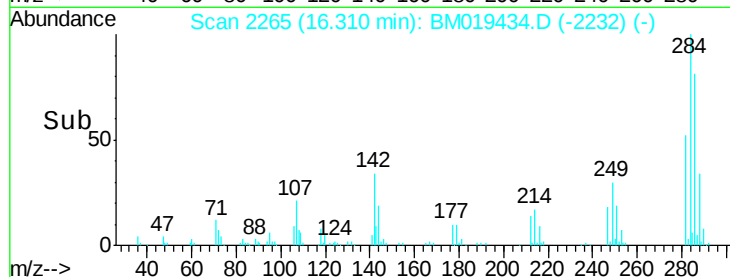
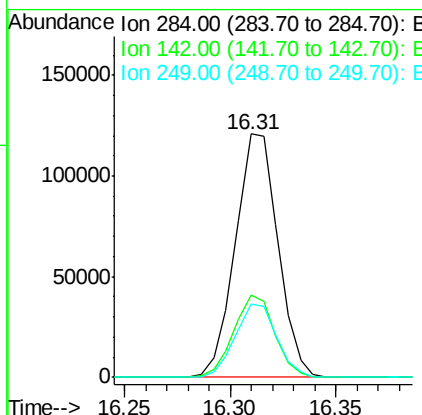
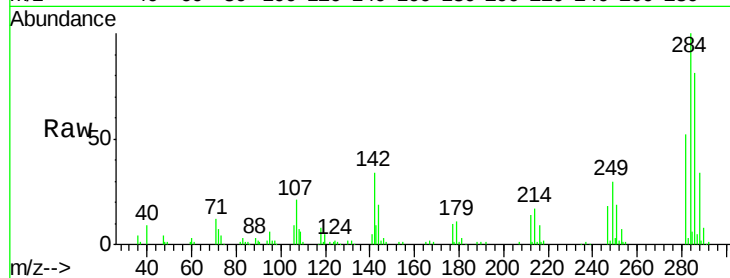




#67  
Hexachlorobenzene  
Concen: 18.544 ng/ul  
RT: 16.31 min Scan# 2265  
Delta R.T. -0.01 min  
Lab File: BM019434.D  
Acq: 25 Mar 2019 16:48

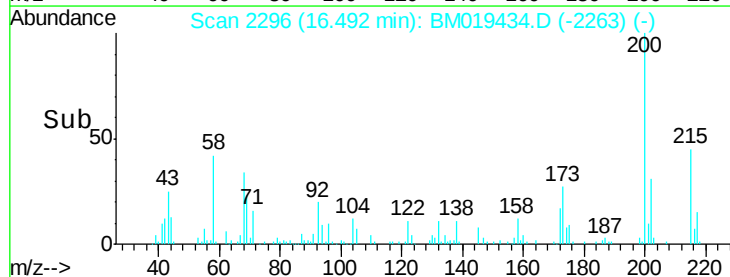
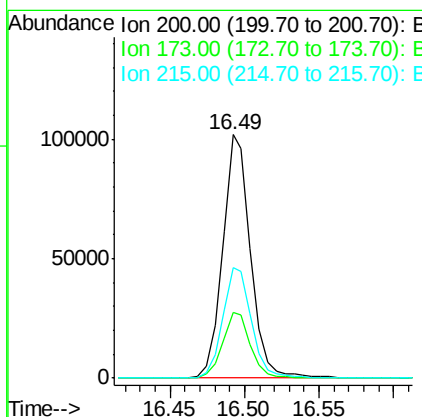
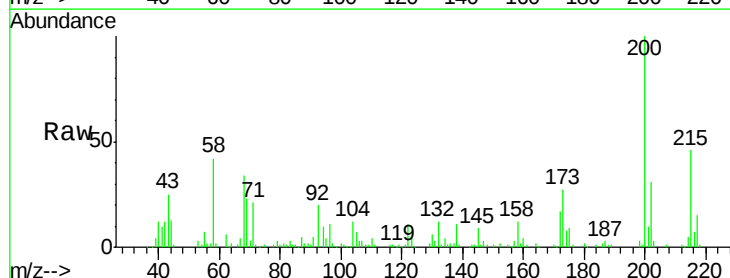
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02070

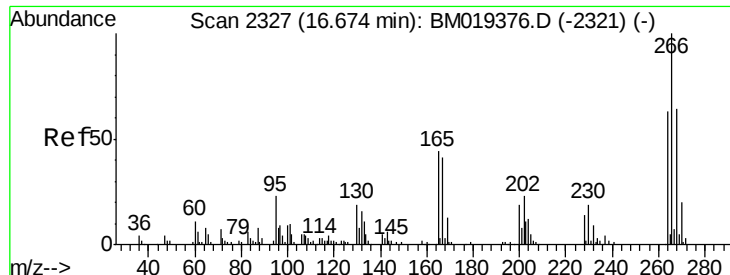
Tgt Ion:284 Resp: 169244  
Ion Ratio Lower Upper  
284 100  
142 33.8 21.3 31.9#  
249 30.0 26.3 39.5



#68  
Atrazine  
Concen: 17.676 ng/ul  
RT: 16.49 min Scan# 2296  
Delta R.T. -0.01 min  
Lab File: BM019434.D  
Acq: 25 Mar 2019 16:48

Tgt Ion:200 Resp: 133571  
Ion Ratio Lower Upper  
200 100  
173 27.1 20.6 31.0  
215 45.5 39.8 59.6





#69

Pentachlorophenol

Concen: 24.092 ng/ul

RT: 16.67 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BM019434.D

Acq: 25 Mar 2019 16:48

Instrument :

BNA\_M

ClientSampleId :

SSTD02070

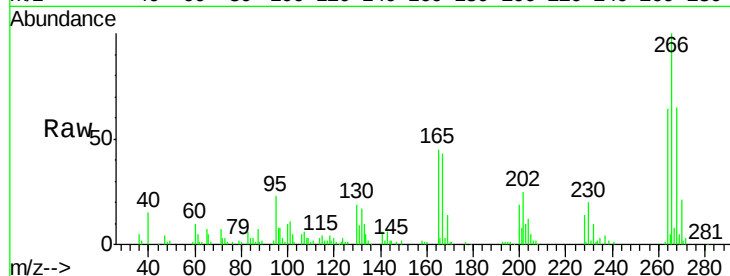
Tgt Ion:266 Resp: 114928

Ion Ratio Lower Upper

266 100

264 63.8 48.2 72.4

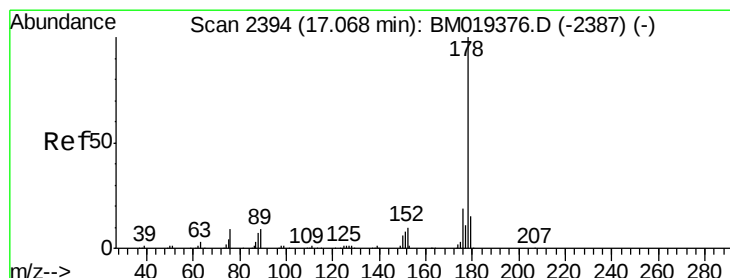
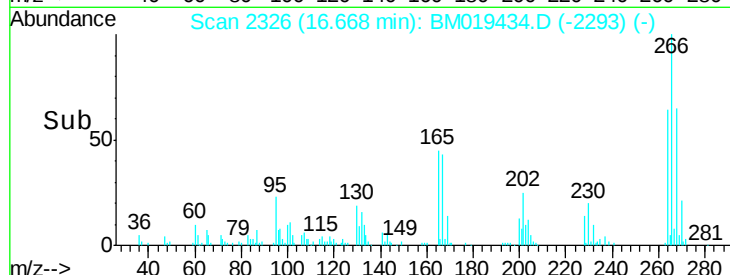
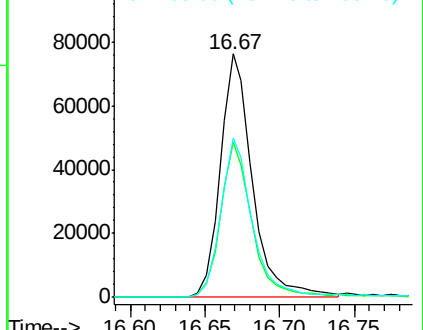
268 65.3 52.3 78.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#70

Phenanthrene

Concen: 18.888 ng/ul

RT: 17.06 min Scan# 2393

Delta R.T. 0.00 min

Lab File: BM019434.D

Acq: 25 Mar 2019 16:48

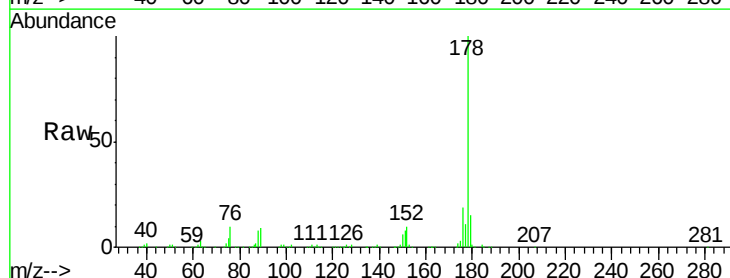
Tgt Ion:178 Resp: 743262

Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

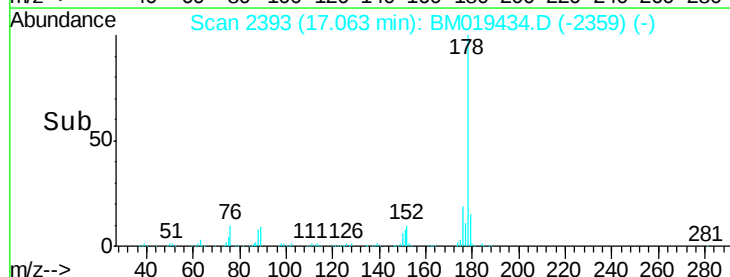
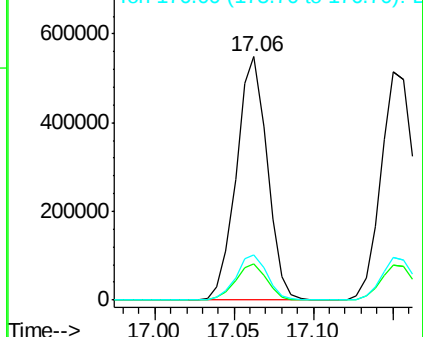
176 18.7 15.4 23.0

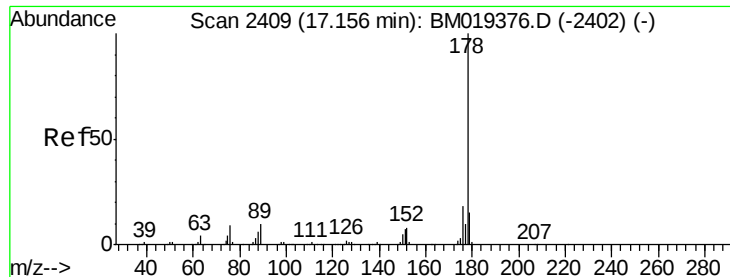


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 18.785 ng/uL

RT: 17.15 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BM019434.D

Acq: 25 Mar 2019 16:48

Instrument :

BNA\_M

ClientSampleId :

SSTD02070

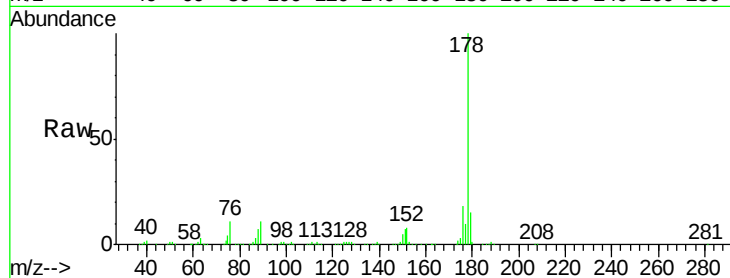
Tgt Ion:178 Resp: 754151

Ion Ratio Lower Upper

178 100

179 15.1 13.4 20.2

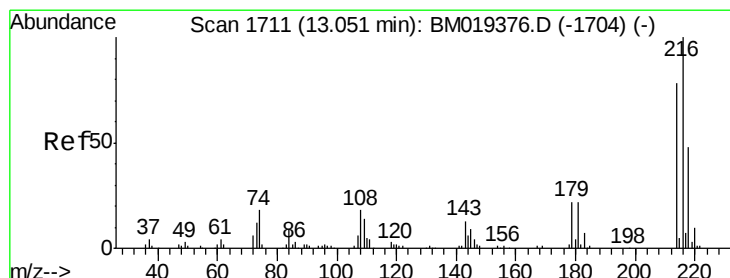
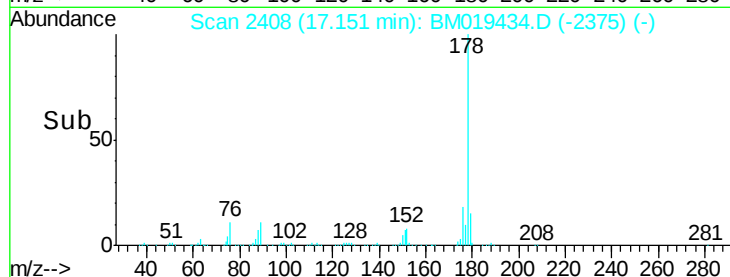
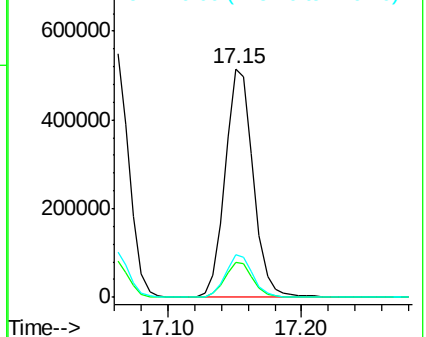
176 18.4 15.4 23.0



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



#73

1,2,3,4-Tetrachlorobenzene

Concen: 18.801 ng/uL

RT: 13.05 min Scan# 1710

Delta R.T. -0.01 min

Lab File: BM019434.D

Acq: 25 Mar 2019 16:48

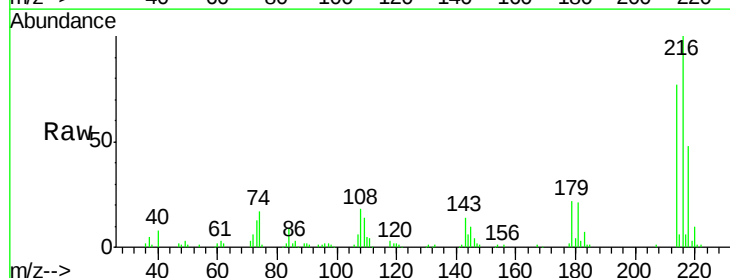
Tgt Ion:216 Resp: 189186

Ion Ratio Lower Upper

216 100

214 77.0 64.1 96.1

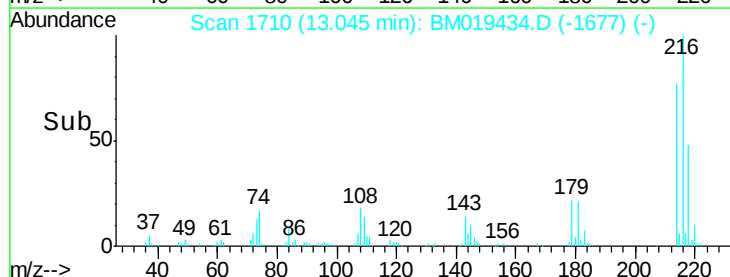
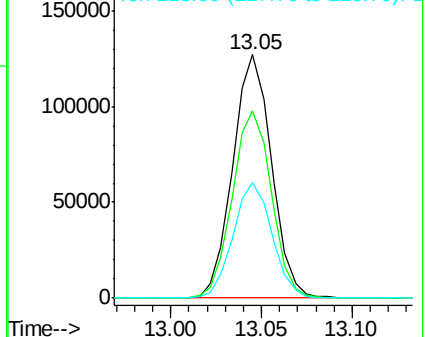
218 47.5 39.4 59.0

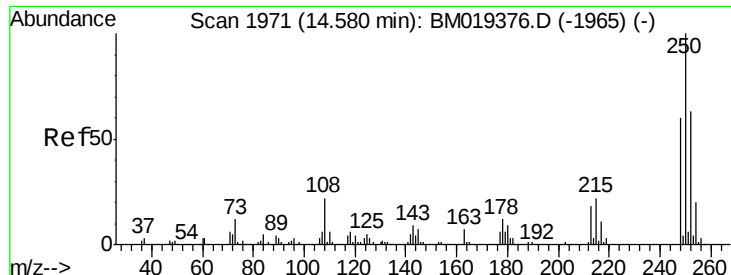


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

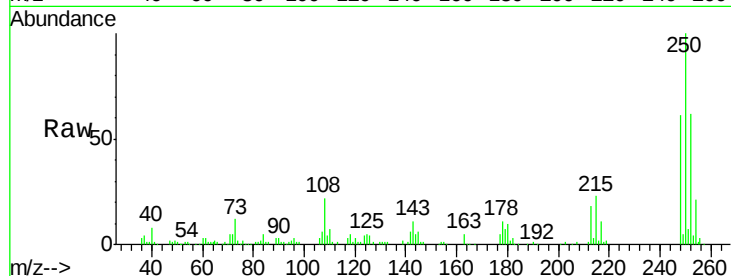




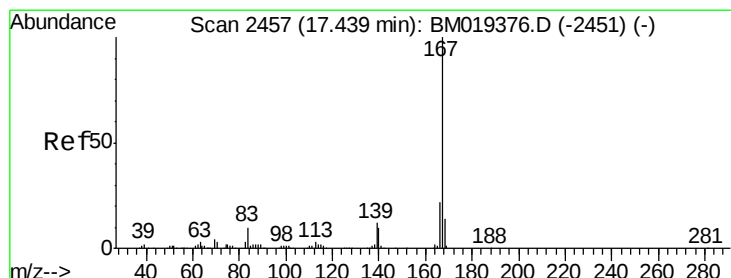
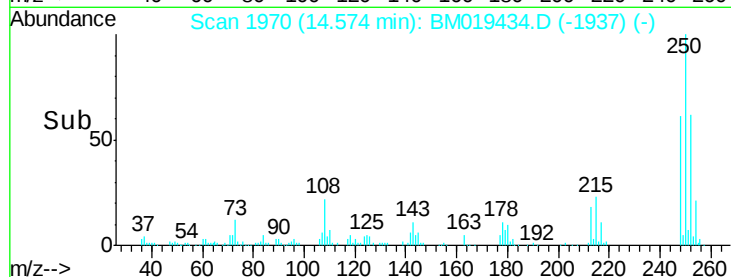
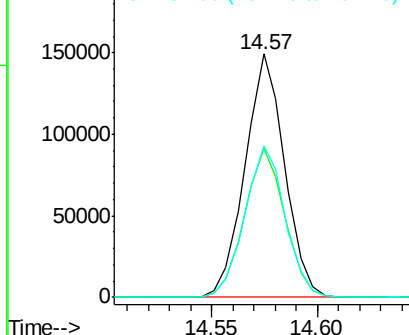
#74  
 Pentachlorobenzene  
 Concen: 18.478 ng/uL  
 RT: 14.57 min Scan# 1970  
 Delta R.T. -0.01 min  
 Lab File: BM019434.D  
 Acq: 25 Mar 2019 16:48

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02070

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 250     | 100   |       |       |
| 248     | 61.3  | 51.4  | 77.2  |
| 252     | 62.2  | 49.8  | 74.6  |

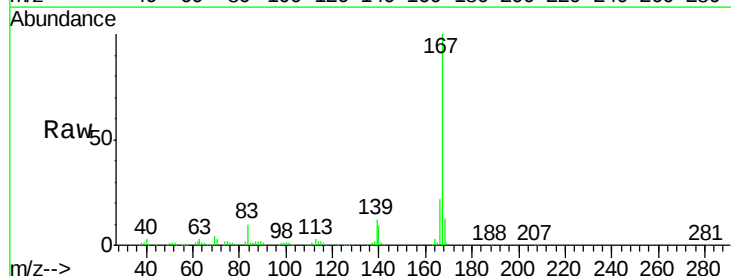


Abundance Ion 250.00 (249.70 to 250.70): E  
 Ion 248.00 (247.70 to 248.70): E  
 Ion 252.00 (251.70 to 252.70): E

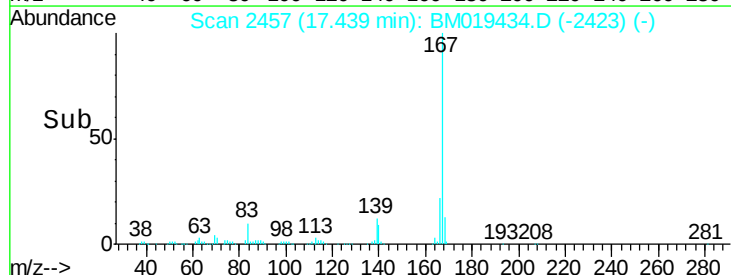
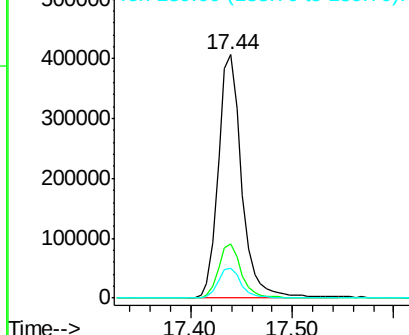


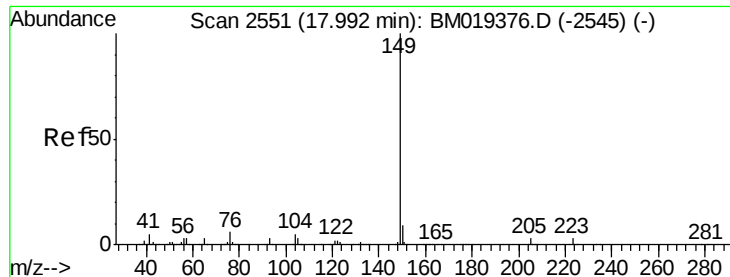
#75  
 Carbazole  
 Concen: 18.212 ng/uL  
 RT: 17.44 min Scan# 2457  
 Delta R.T. 0.00 min  
 Lab File: BM019434.D  
 Acq: 25 Mar 2019 16:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.4  | 17.0  | 25.4  |
| 139     | 12.2  | 9.1   | 13.7  |



Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E

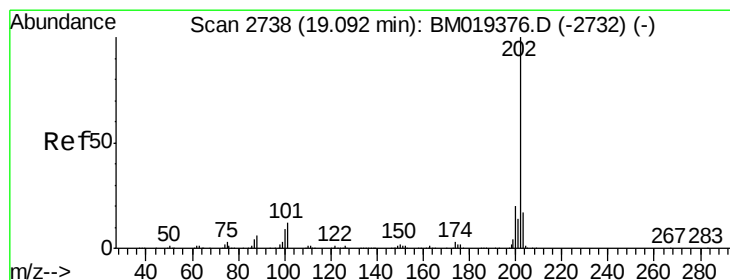
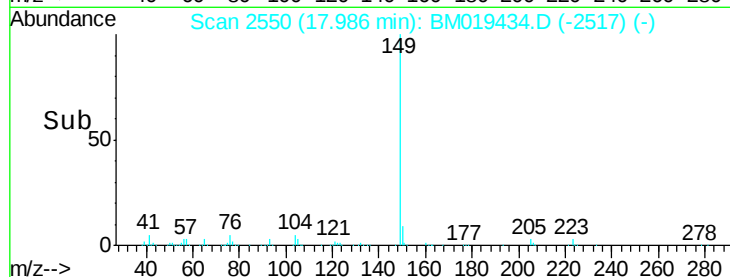
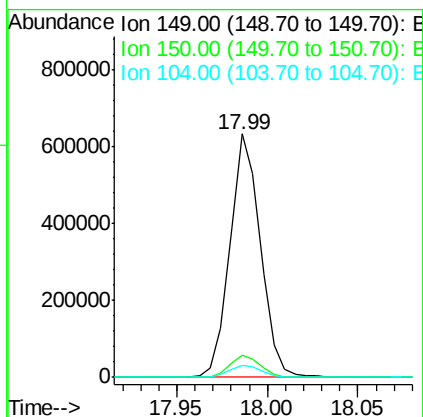
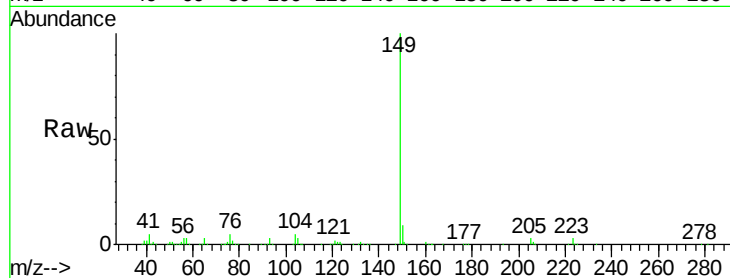




#76  
Di-n-butylphthalate  
Concen: 18.604 ng/ul  
RT: 17.99 min Scan# 2550  
Delta R.T. -0.01 min  
Lab File: BM019434.D  
Acq: 25 Mar 2019 16:48

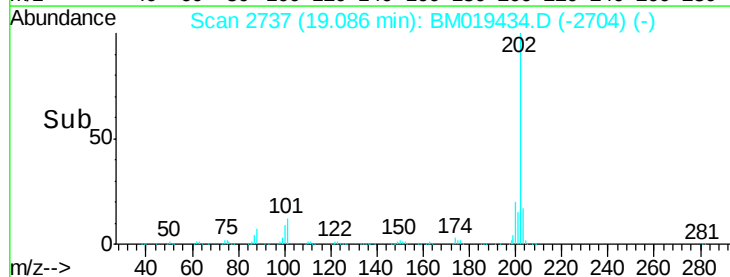
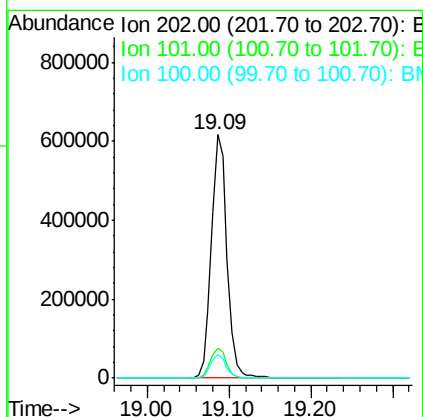
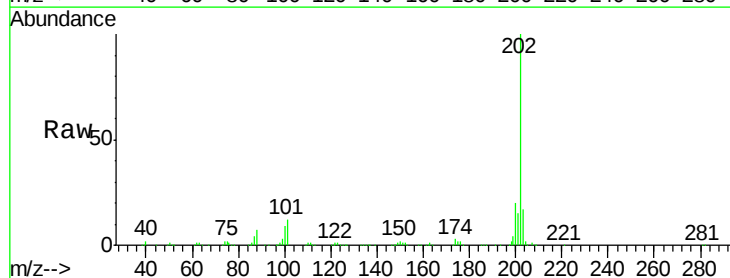
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02070

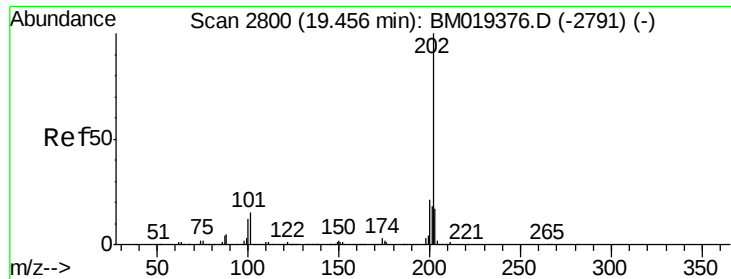
Tgt Ion:149 Resp: 742473  
Ion Ratio Lower Upper  
149 100  
150 8.9 7.5 11.3  
104 5.0 4.1 6.1



#77  
Fluoranthene  
Concen: 18.234 ng/ul  
RT: 19.09 min Scan# 2737  
Delta R.T. -0.01 min  
Lab File: BM019434.D  
Acq: 25 Mar 2019 16:48

Tgt Ion:202 Resp: 822194  
Ion Ratio Lower Upper  
202 100  
101 12.5 6.1 9.1#  
100 9.4 4.6 7.0#





#80

Pyrene

Concen: 18.971 ng/ul

RT: 19.46 min Scan# 2800

Delta R.T. 0.00 min

Lab File: BM019434.D

Acq: 25 Mar 2019 16:48

Instrument :

BNA\_M

ClientSampleId :

SSTD02070

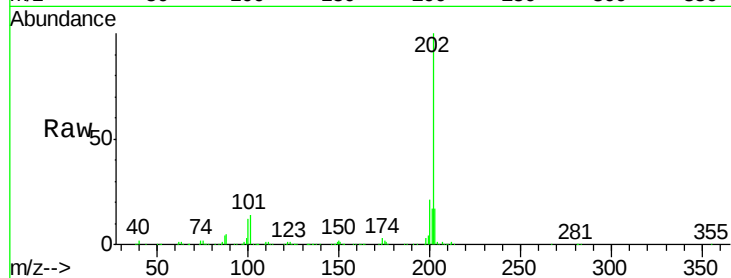
Tgt Ion:202 Resp: 856844

Ion Ratio Lower Upper

202 100

101 14.3 6.9 10.3#

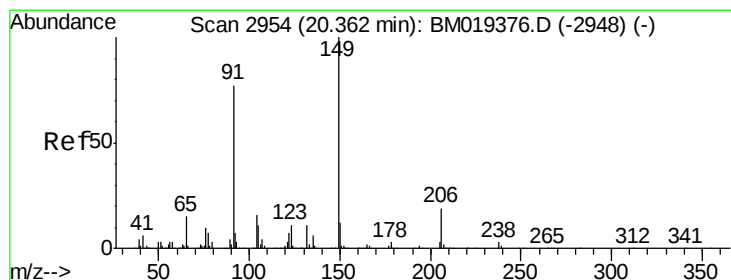
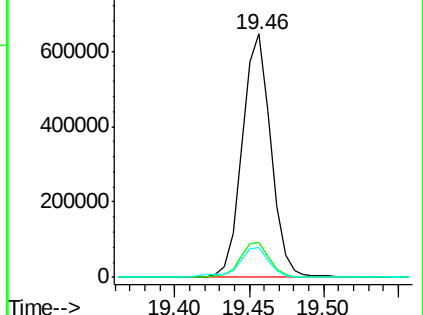
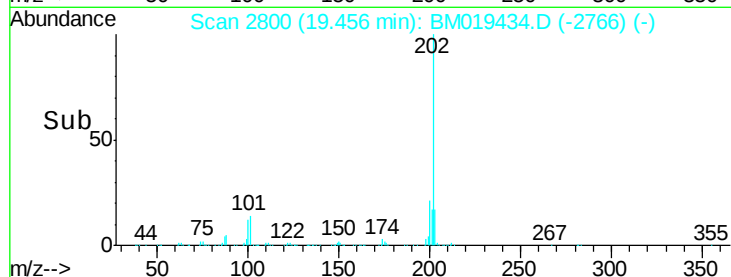
100 12.2 5.6 8.4#



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): B



#81

Butylbenzylphthalate

Concen: 18.806 ng/ul

RT: 20.36 min Scan# 2954

Delta R.T. 0.00 min

Lab File: BM019434.D

Acq: 25 Mar 2019 16:48

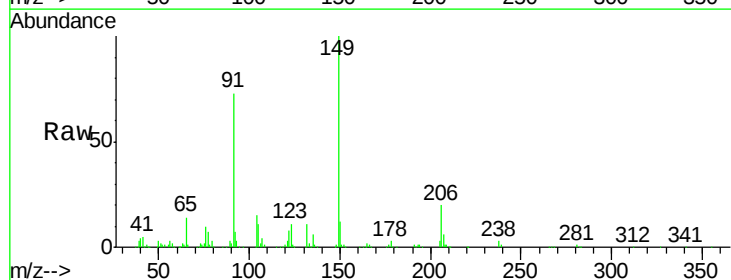
Tgt Ion:149 Resp: 336304

Ion Ratio Lower Upper

149 100

91 72.6 53.4 80.0

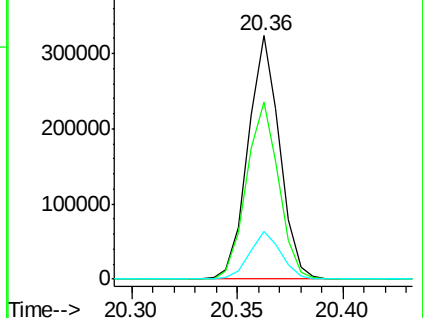
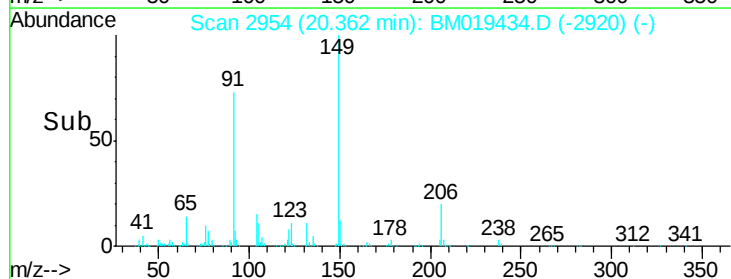
206 19.8 19.3 28.9

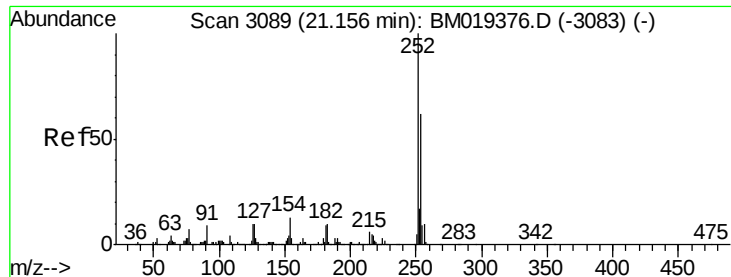


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E

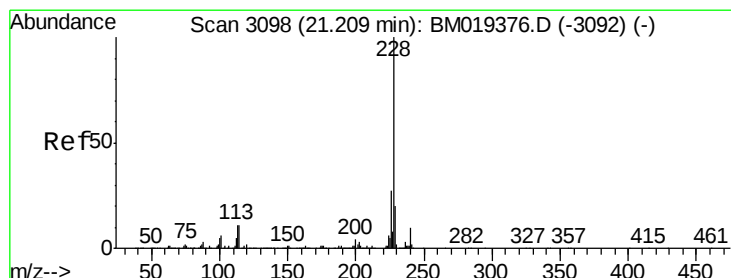
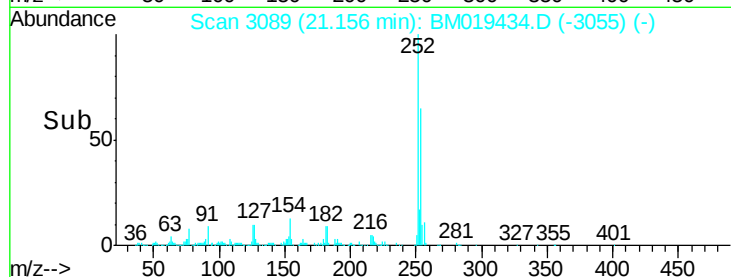
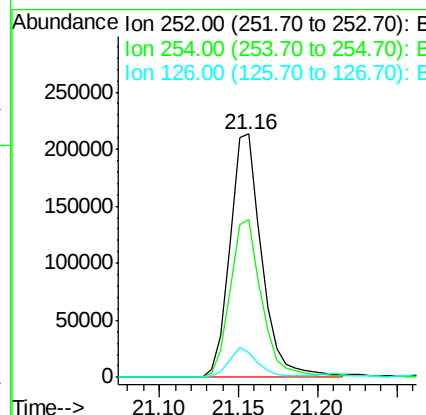
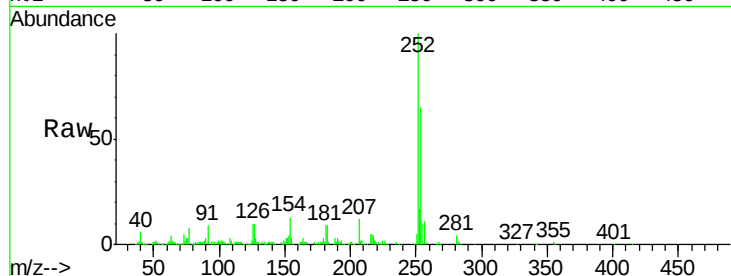




#82  
 3,3'-Dichlorobenzidine  
 Concen: 18.175 ng/ul  
 RT: 21.16 min Scan# 3089  
 Delta R.T. 0.00 min  
 Lab File: BM019434.D  
 Acq: 25 Mar 2019 16:48

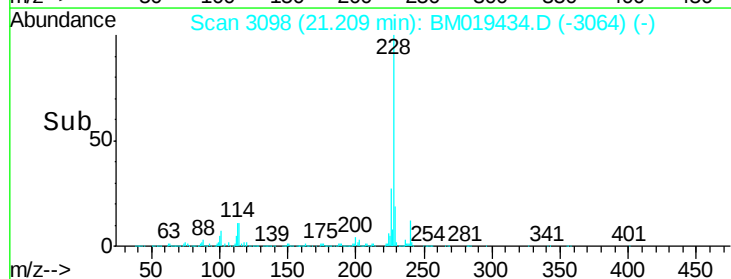
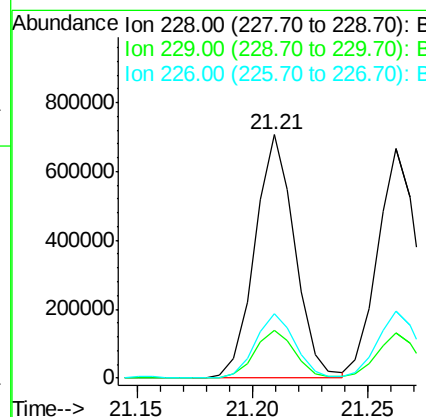
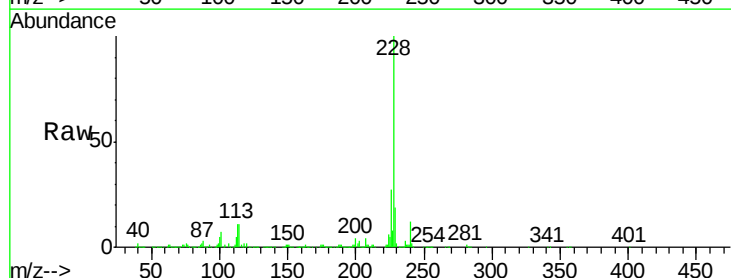
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02070

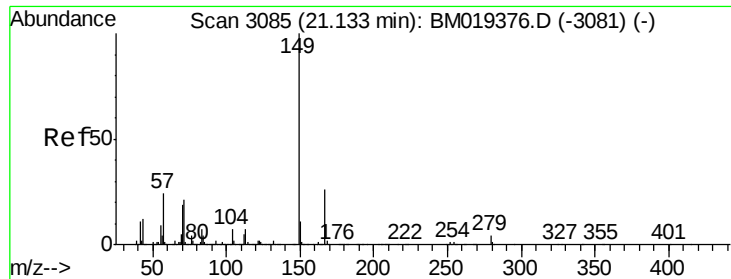
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.8  | 52.8  | 79.2  |
| 126     | 10.4  | 6.9   | 10.3# |



#83  
 Benzo(a)anthracene  
 Concen: 18.841 ng/ul  
 RT: 21.21 min Scan# 3098  
 Delta R.T. 0.00 min  
 Lab File: BM019434.D  
 Acq: 25 Mar 2019 16:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 229     | 19.5  | 16.0  | 24.0  |
| 226     | 26.6  | 21.8  | 32.8  |

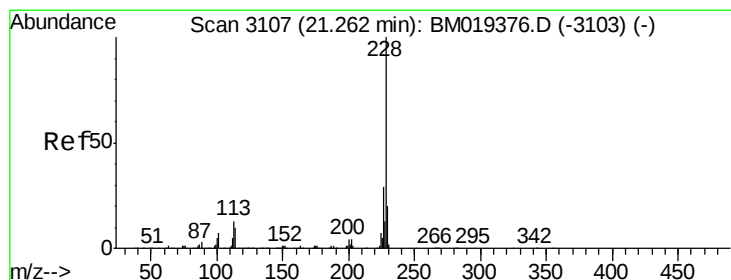
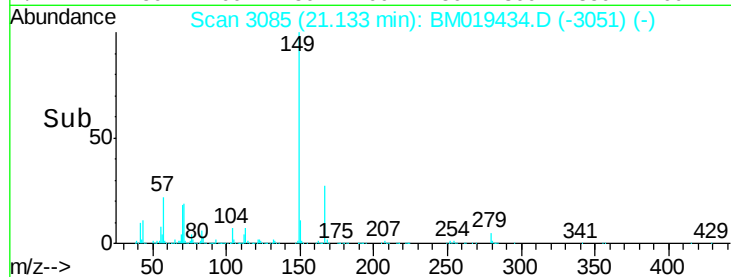
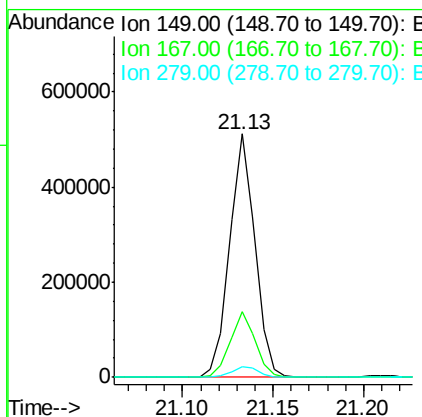
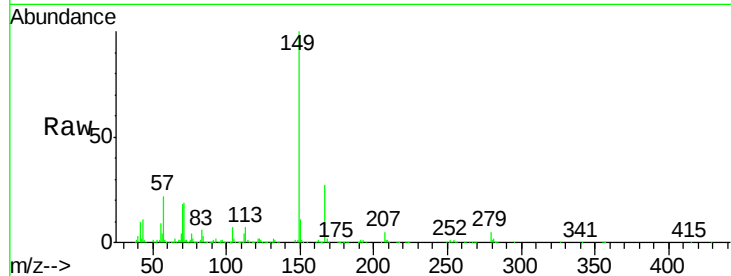




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 19.157 ng/ul  
 RT: 21.13 min Scan# 3085  
 Delta R.T. 0.00 min  
 Lab File: BM019434.D  
 Acq: 25 Mar 2019 16:48

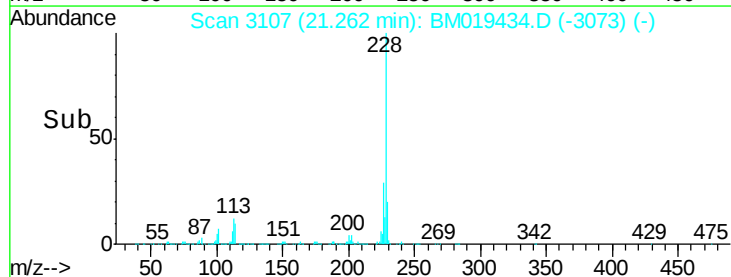
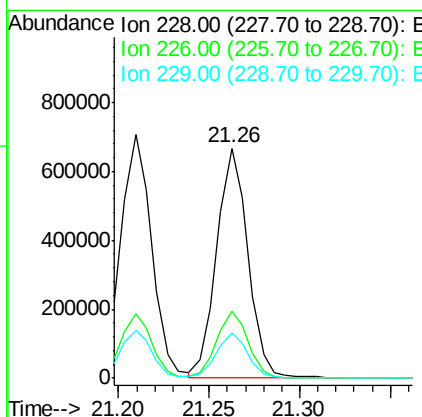
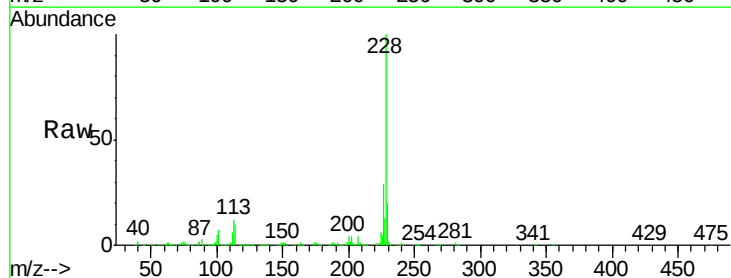
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02070

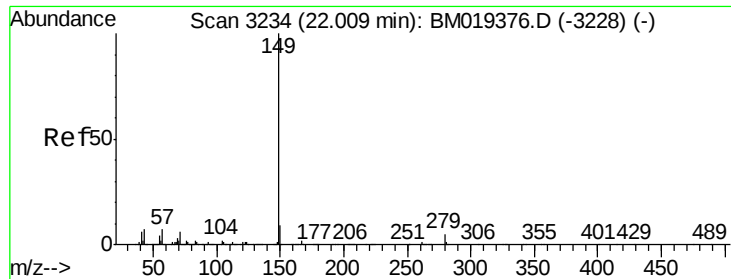
Tgt Ion:149 Resp: 496548  
 Ion Ratio Lower Upper  
 149 100  
 167 26.9 23.0 34.6  
 279 4.5 4.3 6.5



#85  
 Chrysene  
 Concen: 18.336 ng/ul  
 RT: 21.26 min Scan# 3107  
 Delta R.T. 0.00 min  
 Lab File: BM019434.D  
 Acq: 25 Mar 2019 16:48

Tgt Ion:228 Resp: 794995  
 Ion Ratio Lower Upper  
 228 100  
 226 29.2 24.1 36.1  
 229 19.9 16.0 24.0





#87

Di-n-octyl phthalate

Concen: 17.477 ng/ul

RT: 22.00 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BM019434.D

Acq: 25 Mar 2019 16:48

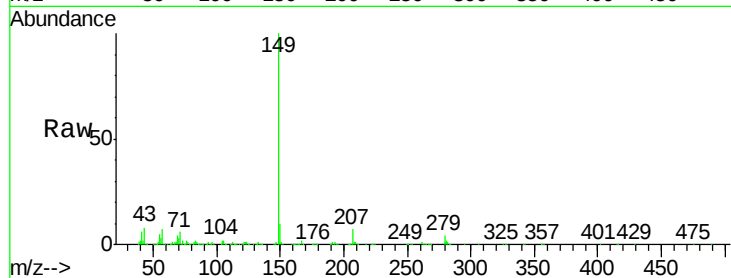
Instrument :

BNA\_M

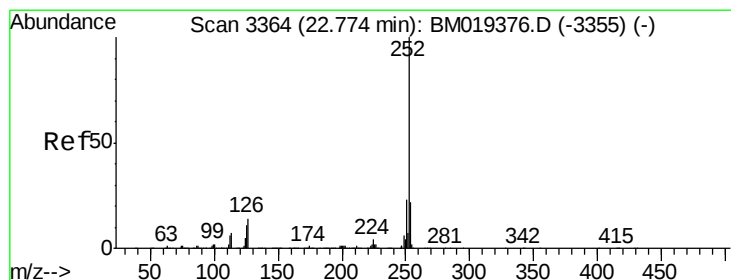
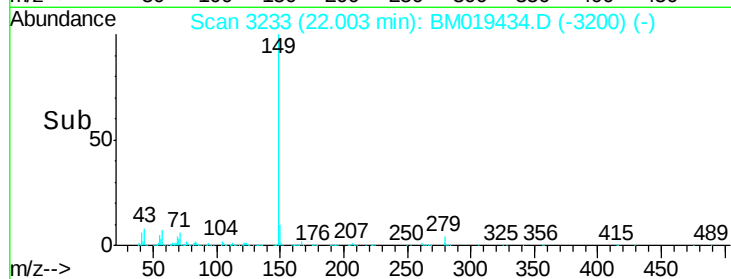
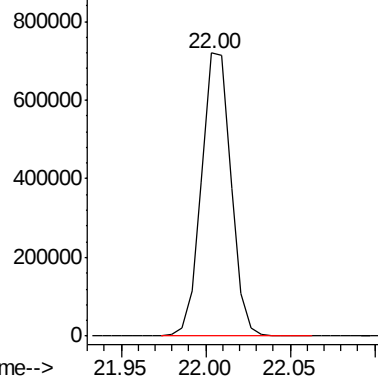
ClientSampleId :

SSTD02070

Tgt Ion:149 Resp: 868986



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 18.564 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. 0.00 min

Lab File: BM019434.D

Acq: 25 Mar 2019 16:48

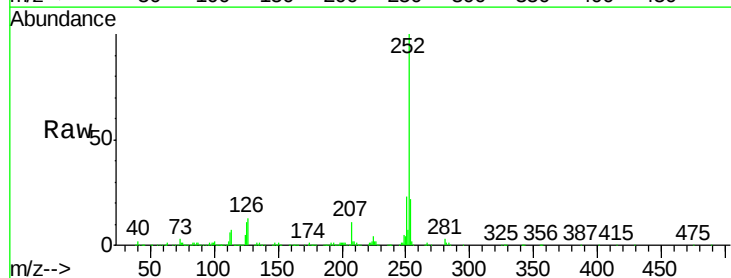
Tgt Ion:252 Resp: 901356

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

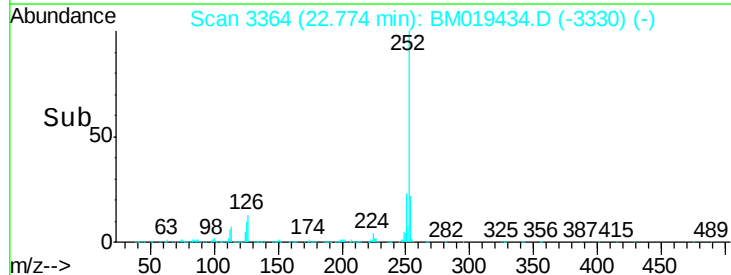
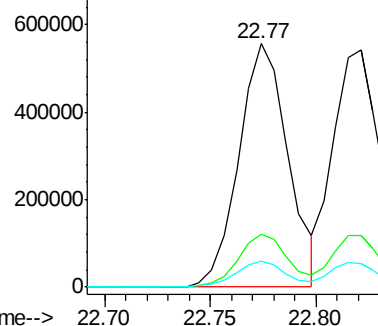
125 10.6 4.9 7.3#

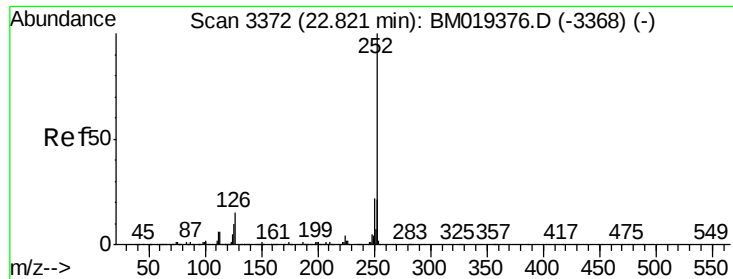


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 18.560 ng/ul

RT: 22.82 min Scan# 3372

Delta R.T. 0.00 min

Lab File: BM019434.D

Acq: 25 Mar 2019 16:48

Instrument :

BNA\_M

ClientSampleId :

SSTD02070

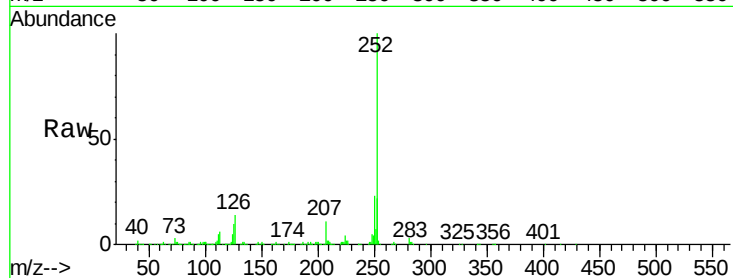
Tgt Ion:252 Resp: 865439

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

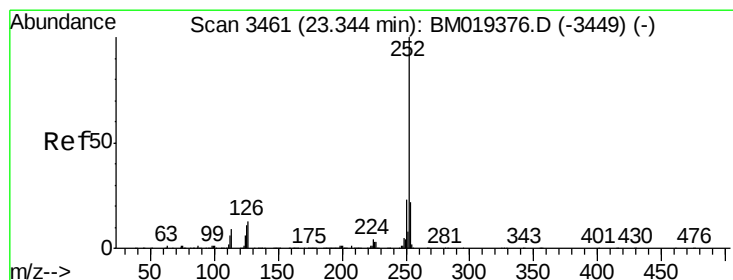
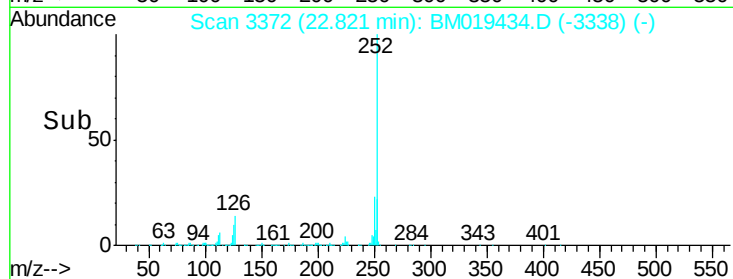
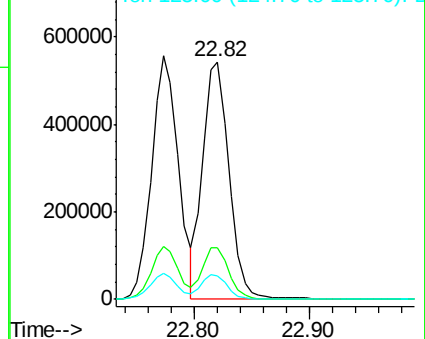
125 10.1 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 18.667 ng/ul

RT: 23.34 min Scan# 3461

Delta R.T. 0.00 min

Lab File: BM019434.D

Acq: 25 Mar 2019 16:48

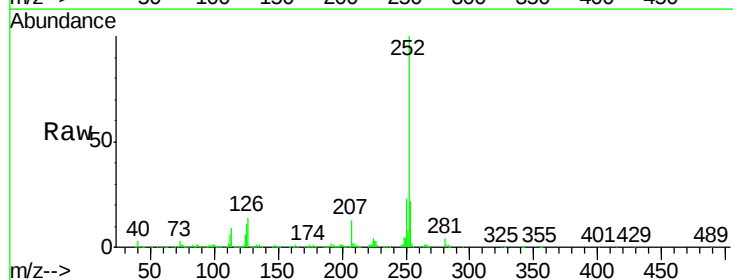
Tgt Ion:252 Resp: 866483

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

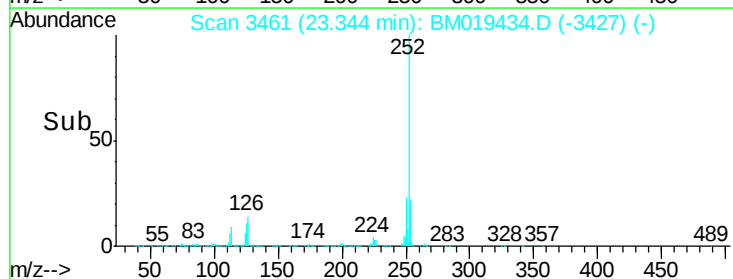
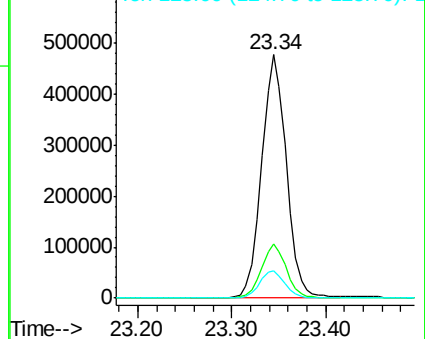
125 11.5 5.8 8.6#

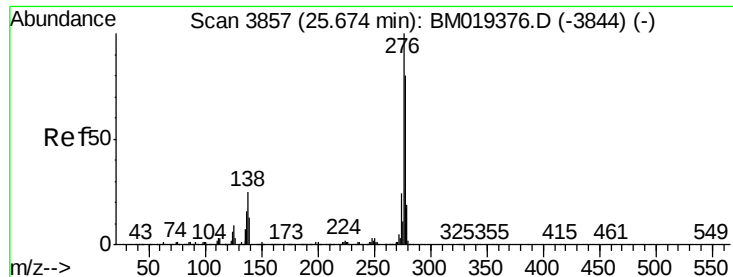


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



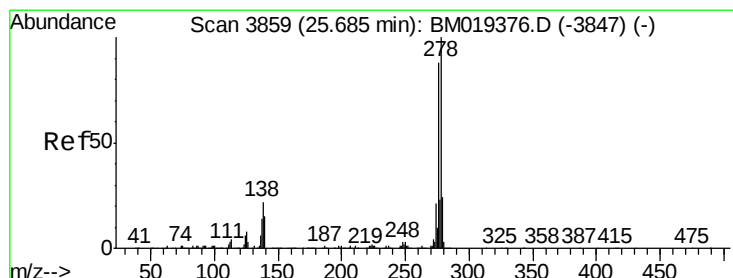
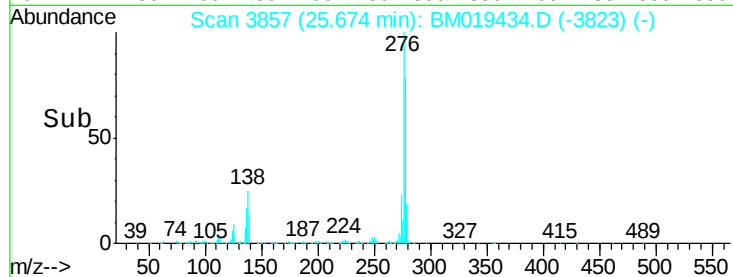
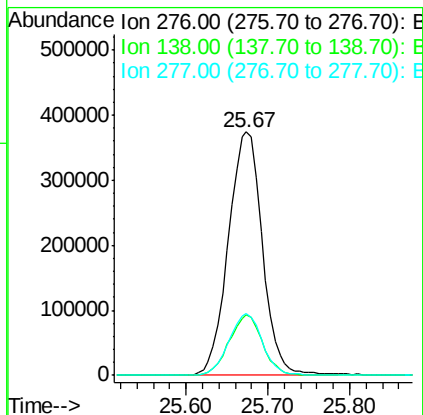
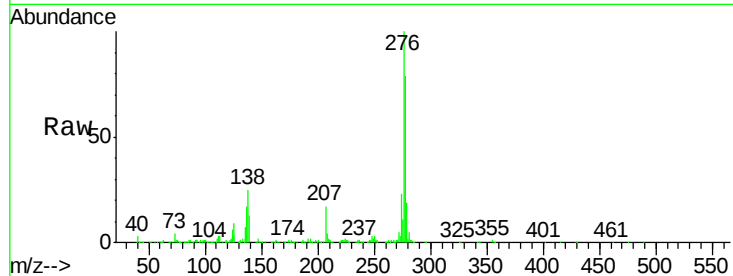


#92

Indeno(1,2,3-cd)pyrene  
Concen: 18.641 ng/ul  
RT: 25.67 min Scan# 3857  
Delta R.T. 0.00 min  
Lab File: BM019434.D  
Acq: 25 Mar 2019 16:48

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02070

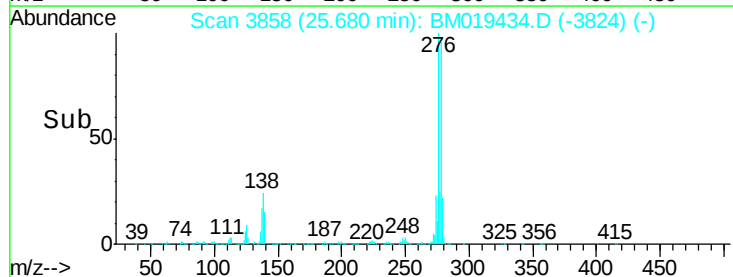
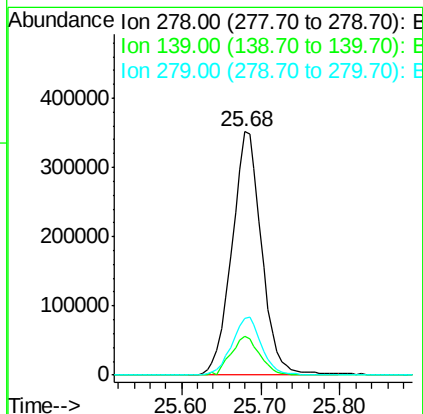
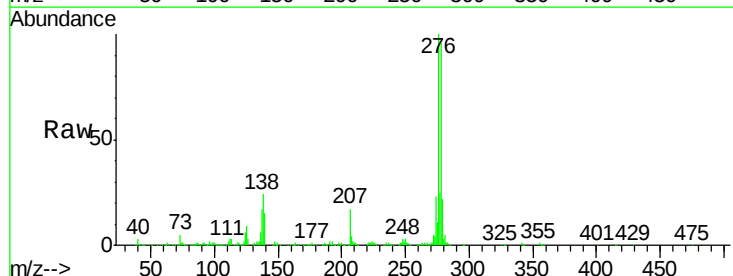
Tgt Ion:276 Resp: 1083543  
Ion Ratio Lower Upper  
276 100  
138 25.1 10.9 16.3#  
277 25.5 18.9 28.3

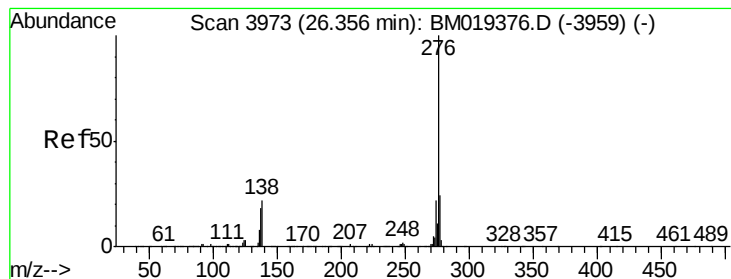


#93

Dibenzo(a,h)anthracene  
Concen: 18.438 ng/ul  
RT: 25.68 min Scan# 3858  
Delta R.T. 0.00 min  
Lab File: BM019434.D  
Acq: 25 Mar 2019 16:48

Tgt Ion:278 Resp: 913663  
Ion Ratio Lower Upper  
278 100  
139 15.9 9.0 13.4#  
279 23.3 19.1 28.7





#94

Benzo(g,h,i)perylene

Concen: 18.440 ng/ul

RT: 26.36 min Scan# 3973

Delta R.T. 0.00 min

Lab File: BM019434.D

Acq: 25 Mar 2019 16:48

Instrument :

BNA\_M

ClientSampleId :

SSTD02070

Tgt Ion: 276 Resp: 895702

Ion Ratio Lower Upper

276 100

138 22.0 11.2 16.8#

277 23.7 19.0 28.6

