

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\  
 Data File : BF117019.D  
 Acq On : 13 Sep 2019 13:22  
 Operator : HP/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

Quant Time: Sep 13 14:49:06 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 13 14:40:05 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.82  | 152  | 77721    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.10  | 136  | 322004   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.86  | 164  | 163009   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.33 | 188  | 273975   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.97 | 240  | 206918   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.42 | 264  | 185062   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.44  | 112 | 387628 | 80.80 | ng | 0.00 |
| 7) Phenol-d6             | 6.46  | 99  | 492154 | 78.13 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.39  | 82  | 469838 | 83.30 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.65 | 330 | 104957 | 96.31 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.17  | 172 | 795274 | 82.30 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.92 | 244 | 797030 | 71.26 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.56 | 88  | 79003  | 35.674 | ng | 100    |
| 3) Pyridine                    | 3.30 | 79  | 222793 | 34.745 | ng | 100    |
| 4) n-Nitrosodimethylamine      | 3.25 | 42  | 73669  | 33.457 | ng | 100    |
| 6) Aniline                     | 6.49 | 93  | 319305 | 36.596 | ng | 100    |
| 8) 2-Chlorophenol              | 6.61 | 128 | 206920 | 39.511 | ng | 100    |
| 9) Benzaldehyde                | 6.37 | 77  | 134197 | 32.335 | ng | 100    |
| 10) Phenol                     | 6.47 | 94  | 273014 | 39.138 | ng | 100    |
| 11) bis(2-Chloroethyl)ether    | 6.56 | 93  | 195249 | 35.947 | ng | 100    |
| 12) 1,3-Dichlorobenzene        | 6.76 | 146 | 230941 | 39.017 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 6.84 | 146 | 238322 | 40.443 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 7.00 | 146 | 221190 | 40.504 | ng | 100    |
| 15) Benzyl Alcohol             | 6.96 | 79  | 191931 | 37.534 | ng | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 7.10 | 45  | 197761 | 31.033 | ng | 100    |
| 17) 2-Methylphenol             | 7.08 | 107 | 169801 | 37.038 | ng | 100    |
| 18) Hexachloroethane           | 7.33 | 117 | 90760  | 39.643 | ng | 100    |
| 19) n-Nitroso-di-n-propylamine | 7.24 | 70  | 147414 | 35.540 | ng | 100    |
| 20) 3+4-Methylphenols          | 7.23 | 107 | 213241 | 40.004 | ng | 100    |
| 22) Acetophenone               | 7.23 | 105 | 306471 | 39.533 | ng | 100    |
| 24) Nitrobenzene               | 7.40 | 77  | 230931 | 40.255 | ng | 100    |
| 25) Isophorone                 | 7.65 | 82  | 402063 | 35.177 | ng | 100    |
| 26) 2-Nitrophenol              | 7.72 | 139 | 100469 | 47.107 | ng | 100    |
| 27) 2,4-Dimethylphenol         | 7.76 | 122 | 156338 | 36.295 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 7.85 | 93  | 248600 | 35.592 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 7.96 | 162 | 167346 | 40.427 | ng | 100    |
| 30) 1,2,4-Trichlorobenzene     | 8.05 | 180 | 177093 | 39.443 | ng | 100    |
| 31) Naphthalene                | 8.13 | 128 | 592407 | 38.690 | ng | 100    |
| 32) Benzoic acid               | 7.89 | 122 | 106754 | 43.894 | ng | 100    |
| 33) 4-Chloroaniline            | 8.17 | 127 | 262615 | 37.679 | ng | 100    |
| 34) Hexachlorobutadiene        | 8.25 | 225 | 101096 | 41.296 | ng | 100    |
| 35) Caprolactam                | 8.54 | 113 | 54859  | 35.412 | ng | 100    |
| 36) 4-Chloro-3-methylphenol    | 8.66 | 107 | 189764 | 39.886 | ng | 100    |
| 37) 2-Methylnaphthalene        | 8.82 | 142 | 394741 | 38.747 | ng | 100    |
| 38) 1-Methylnaphthalene        | 8.92 | 142 | 368950 | 38.364 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.99 | 216 | 160321 | 41.028 | ng | 100    |

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 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

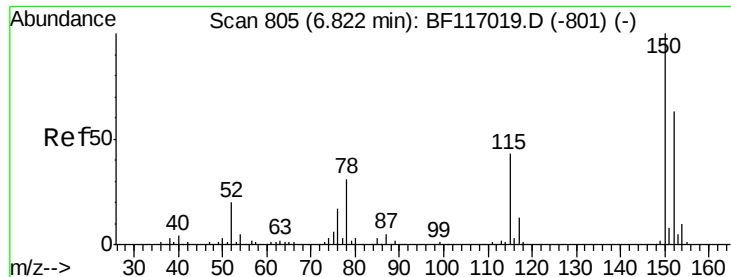
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

Quant Time: Sep 13 14:49:06 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 13 14:40:05 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.97  | 237  | 57595    | 25.524 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 9.09  | 196  | 109187   | 40.762 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 9.13  | 196  | 114201   | 41.066 | ng    | 100      |
| 46) 1,1'-Biphenyl              | 9.27  | 154  | 484344   | 39.157 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 9.30  | 162  | 382698   | 39.063 | ng    | 100      |
| 48) 2-Nitroaniline             | 9.40  | 65   | 121648   | 42.950 | ng    | 100      |
| 49) Acenaphthylene             | 9.72  | 152  | 581041   | 39.235 | ng    | 100      |
| 50) Dimethylphthalate          | 9.57  | 163  | 439054   | 39.013 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.64  | 165  | 89439    | 41.654 | ng    | 100      |
| 52) Acenaphthene               | 9.89  | 154  | 343291   | 37.727 | ng    | 100      |
| 53) 3-Nitroaniline             | 9.81  | 138  | 114323   | 42.485 | ng    | 100      |
| 54) 2,4-Dinitrophenol          | 9.92  | 184  | 30296    | 48.027 | ng    | 100      |
| 55) Dibenzofuran               | 10.06 | 168  | 504674   | 39.343 | ng    | 100      |
| 56) 4-Nitrophenol              | 9.97  | 139  | 74659    | 40.464 | ng    | 100      |
| 57) 2,4-Dinitrotoluene         | 10.05 | 165  | 119119   | 45.370 | ng    | 100      |
| 58) Fluorene                   | 10.40 | 166  | 408032   | 41.746 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.18 | 232  | 91857    | 45.768 | ng    | 100      |
| 60) Diethylphthalate           | 10.27 | 149  | 434991   | 38.586 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.39 | 204  | 178829   | 41.782 | ng    | 100      |
| 62) 4-Nitroaniline             | 10.42 | 138  | 119363   | 45.708 | ng    | 100      |
| 63) Azobenzene                 | 10.55 | 77   | 442450   | 37.640 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylphenol | 10.46 | 198  | 42535    | 45.970 | ng    | 100      |
| 66) n-Nitrosodiphenylamine     | 10.51 | 169  | 351576   | 37.095 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.88 | 248  | 104631   | 37.593 | ng    | 100      |
| 68) Hexachlorobenzene          | 10.96 | 284  | 112358   | 38.585 | ng    | 100      |
| 69) Atrazine                   | 11.03 | 200  | 94583    | 35.632 | ng    | 100      |
| 70) Pentachlorophenol          | 11.15 | 266  | 54086    | 38.395 | ng    | 100      |
| 71) Phenanthrene               | 11.36 | 178  | 588075   | 38.559 | ng    | 100      |
| 72) Anthracene                 | 11.42 | 178  | 601776   | 39.197 | ng    | 100      |
| 73) Carbazole                  | 11.57 | 167  | 576614   | 39.429 | ng    | 100      |
| 74) Di-n-butylphthalate        | 11.89 | 149  | 683305   | 36.447 | ng    | 100      |
| 75) Fluoranthene               | 12.54 | 202  | 611137   | 40.775 | ng    | 100      |
| 77) Benzidine                  | 12.66 | 184  | 255628   | 31.497 | ng    | 100      |
| 78) Pyrene                     | 12.77 | 202  | 617649   | 33.580 | ng    | 100      |
| 80) Butylbenzylphthalate       | 13.39 | 149  | 296172   | 33.111 | ng    | 100      |
| 81) Benzo(a)anthracene         | 13.96 | 228  | 511678   | 39.072 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 13.92 | 252  | 166791   | 37.687 | ng    | 100      |
| 83) Chrysene                   | 14.00 | 228  | 497140   | 36.847 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 13.94 | 149  | 382327   | 34.626 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 14.56 | 149  | 619147   | 34.265 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.86 | 276  | 328622   | 30.324 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 15.00 | 252  | 407456   | 36.417 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 15.03 | 252  | 414236   | 40.606 | ng    | 100      |
| 90) Benzo(a)pyrene             | 15.36 | 252  | 369230   | 37.931 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 16.87 | 278  | 266121   | 31.233 | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 17.29 | 276  | 261023   | 30.038 | ng    | 100      |

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



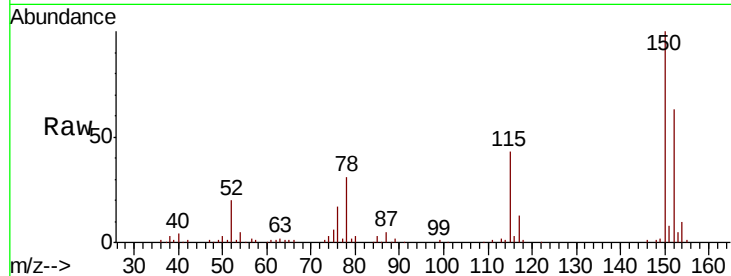


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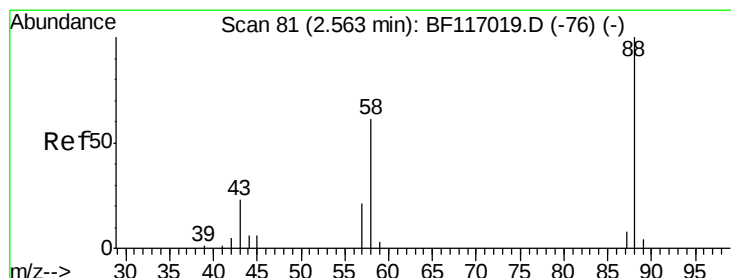
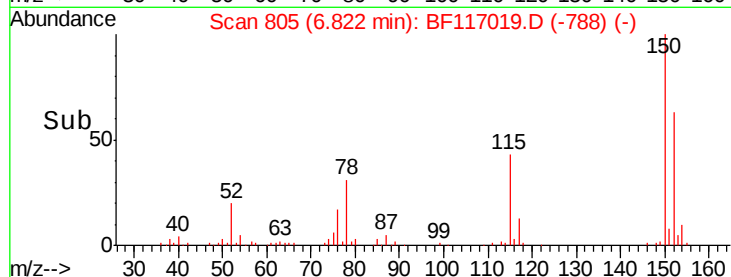
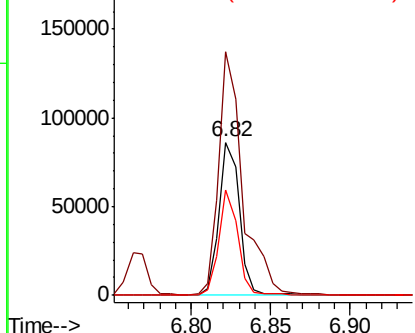
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.82 min Scan# 805  
Delta R.T. 0.00 min  
Lab File: BF117019.D  
Acq: 13 Sep 2019 13:22

Instrument :  
BNA\_F  
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SSTDICCC040

Tot Ion:152 Resp: 77721  
Ion Ratio Lower Upper  
152 100  
150 159.4 127.5 191.3  
115 68.7 55.0 82.4



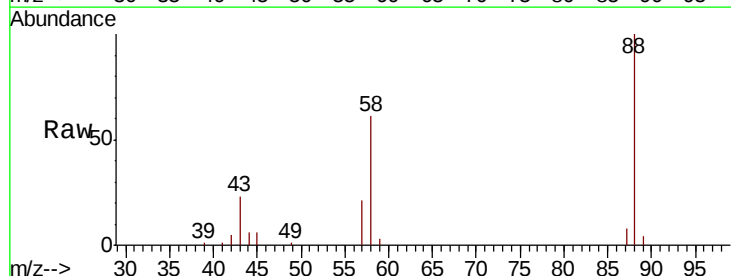
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



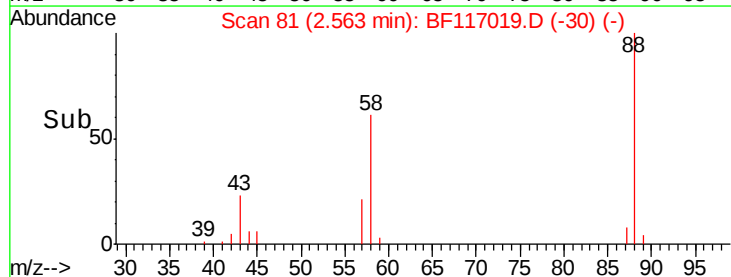
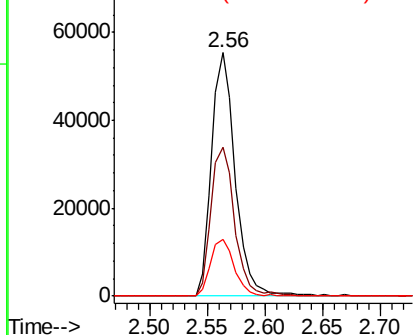
#2

1,4-Dioxane  
Concen: 35.674 ng  
RT: 2.56 min Scan# 81  
Delta R.T. 0.00 min  
Lab File: BF117019.D  
Acq: 13 Sep 2019 13:22

Tgt Ion: 88 Resp: 79003  
Ion Ratio Lower Upper  
88 100  
58 61.6 49.3 73.9  
43 23.5 18.8 28.2



Abundance Ion 88.00 (87.70 to 88.70): BF1  
Ion 58.00 (57.70 to 58.70): BF1  
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.745 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

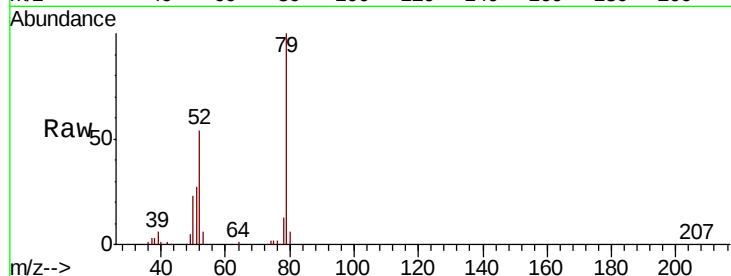
Tot Ion: 79 Resp: 222793

Ion Ratio Lower Upper

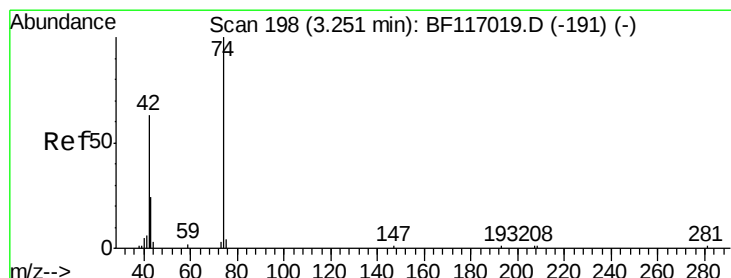
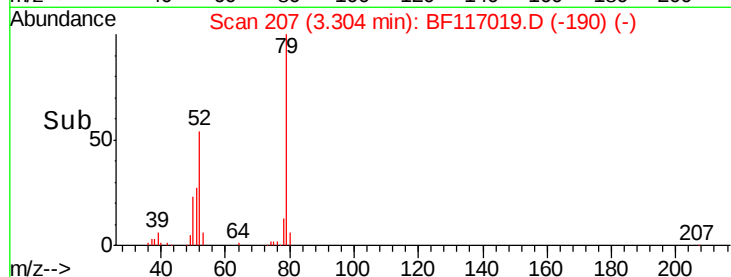
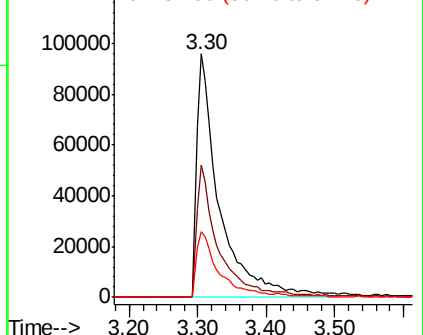
79 100

52 54.4 43.5 65.3

51 27.2 21.8 32.6



Abundance Ion 79.00 (78.70 to 79.70): BF1  
Ion 52.00 (51.70 to 52.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 33.457 ng

RT: 3.25 min Scan# 198

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

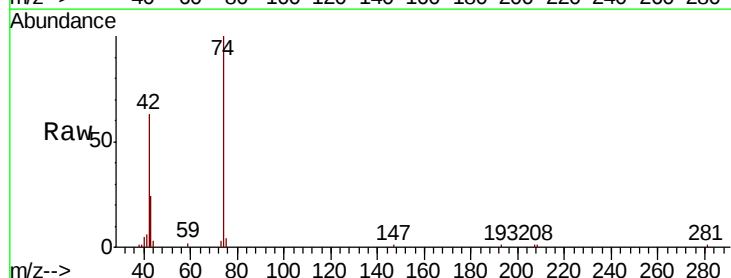
Tgt Ion: 42 Resp: 73669

Ion Ratio Lower Upper

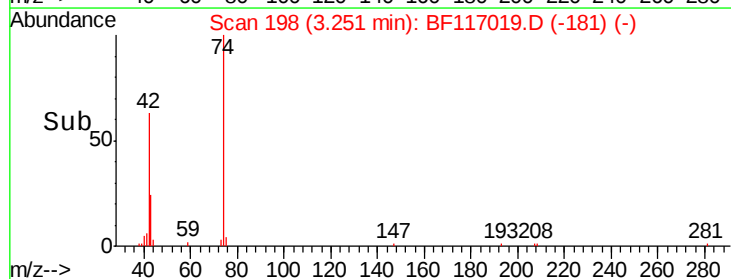
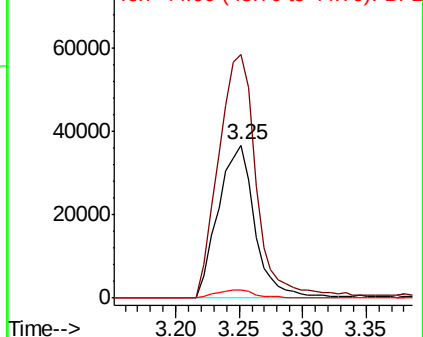
42 100

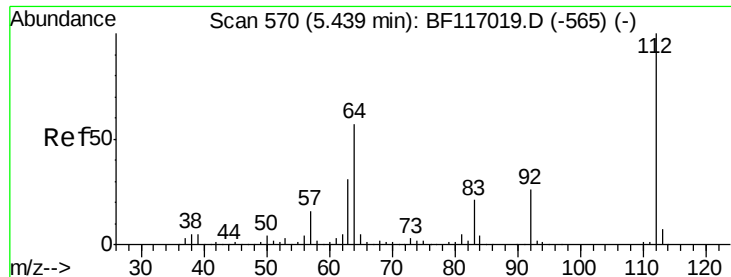
74 158.9 127.1 190.7

44 5.4 4.3 6.5



Abundance Ion 42.00 (41.70 to 42.70): BF1  
Ion 74.00 (73.70 to 74.70): BF1  
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 80.799 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

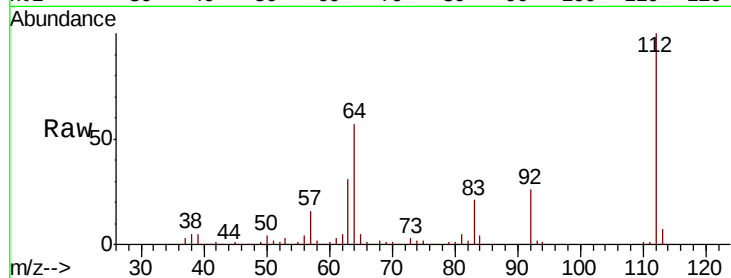
Tot Ion:112 Resp: 387628

Ion Ratio Lower Upper

112 100

64 57.1 45.7 68.5

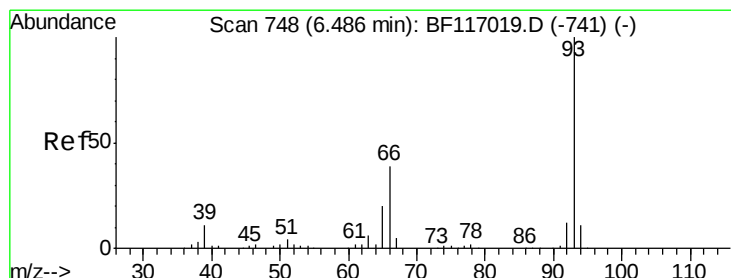
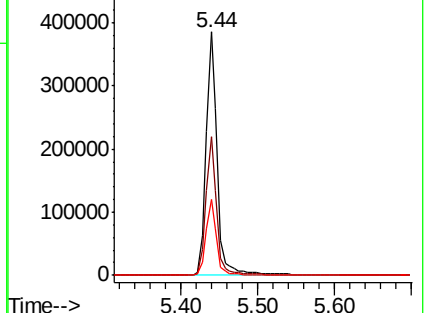
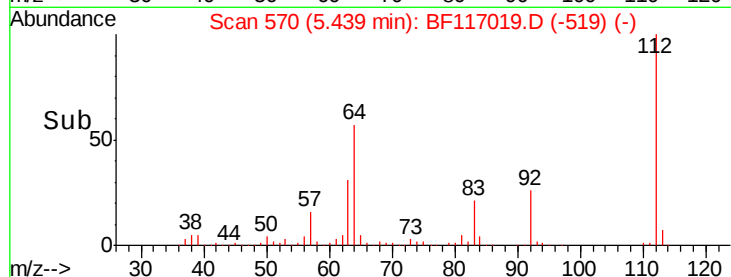
63 31.1 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.596 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

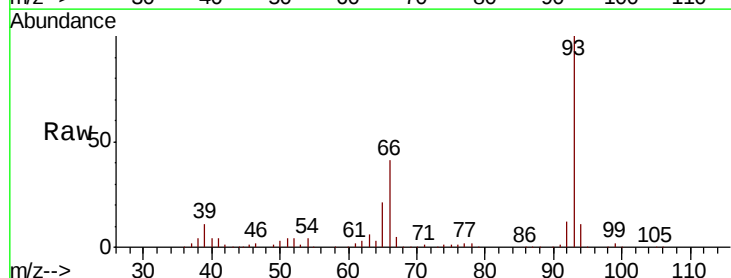
Tgt Ion: 93 Resp: 319305

Ion Ratio Lower Upper

93 100

66 40.8 32.6 49.0

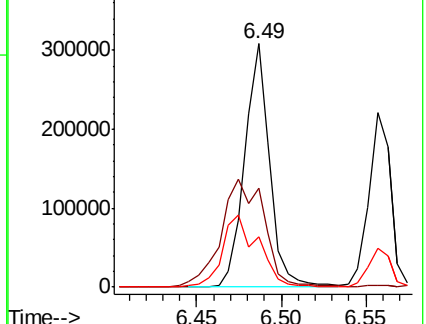
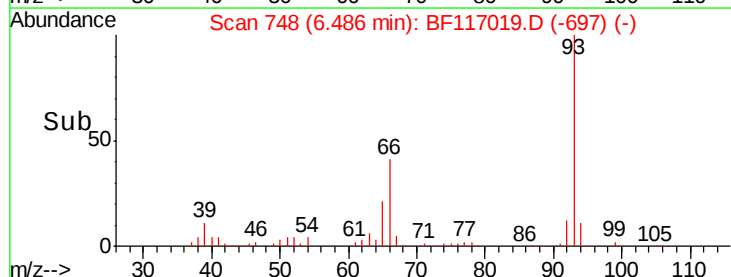
65 20.9 16.7 25.1

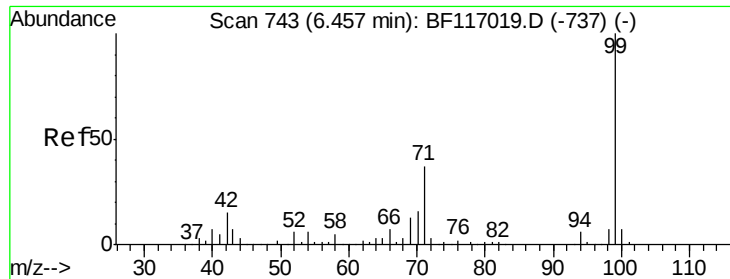


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.125 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

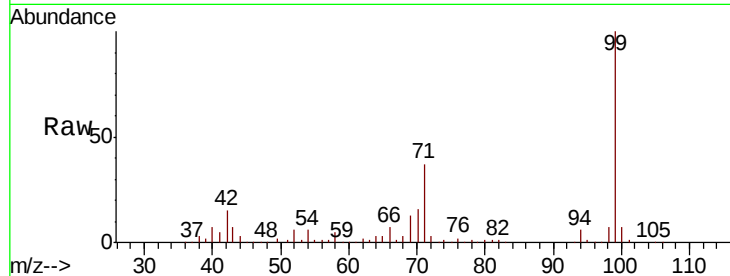
Tot Ion: 99 Resp: 492154

Ion Ratio Lower Upper

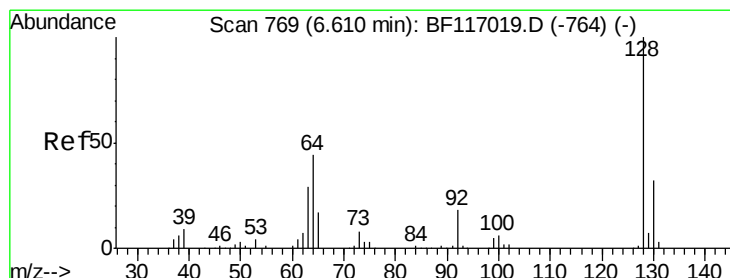
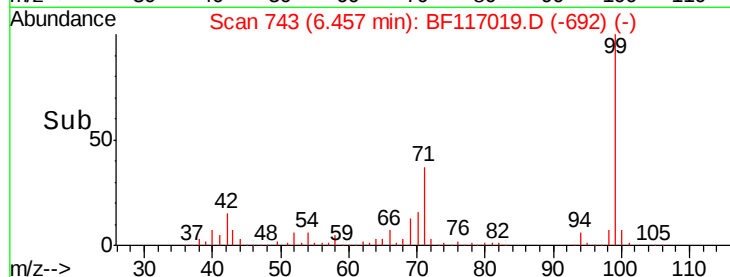
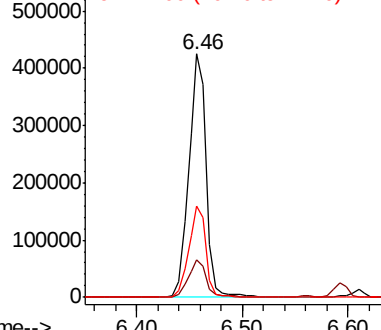
99 100

42 15.2 12.2 18.2

71 37.3 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.511 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

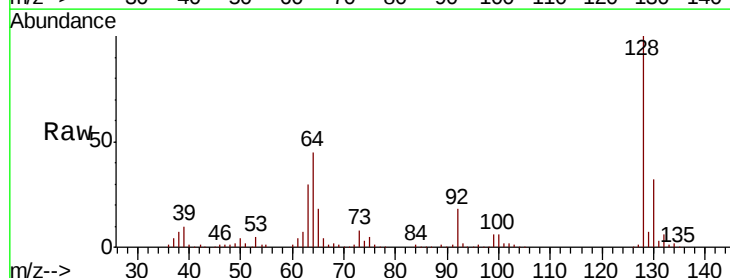
Tgt Ion: 128 Resp: 206920

Ion Ratio Lower Upper

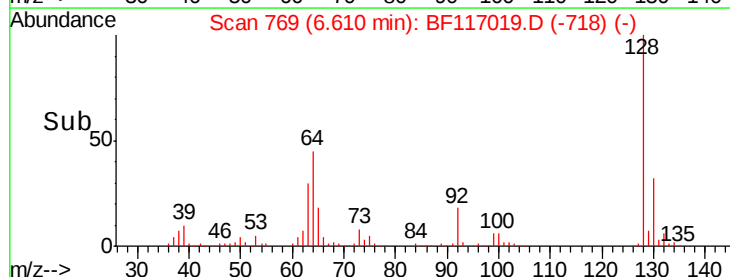
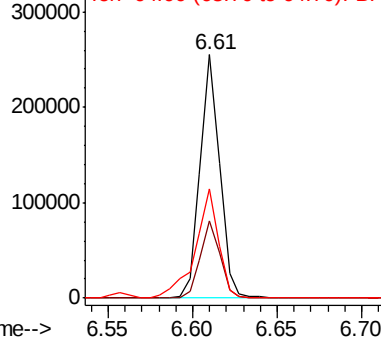
128 100

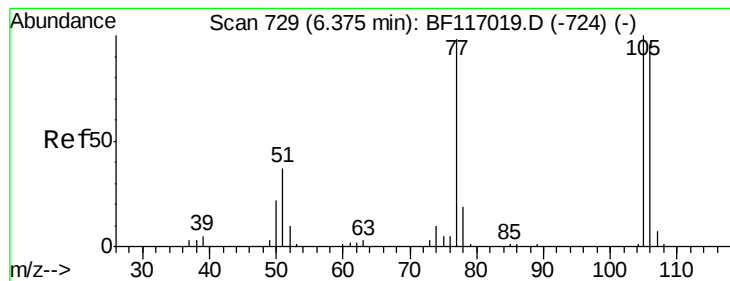
130 31.8 11.8 51.8

64 45.0 25.0 65.0



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 32.335 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

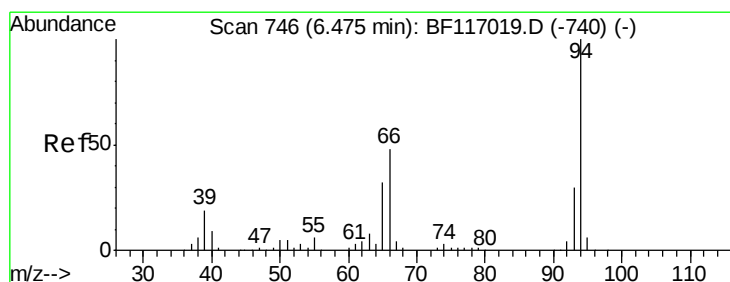
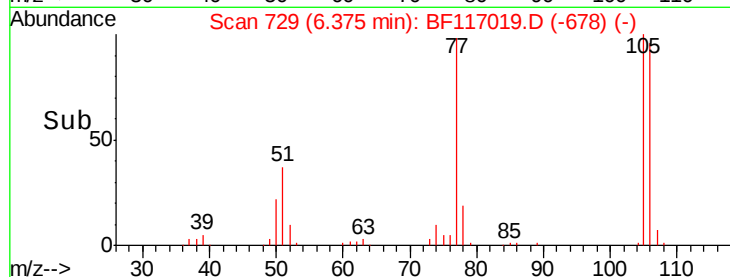
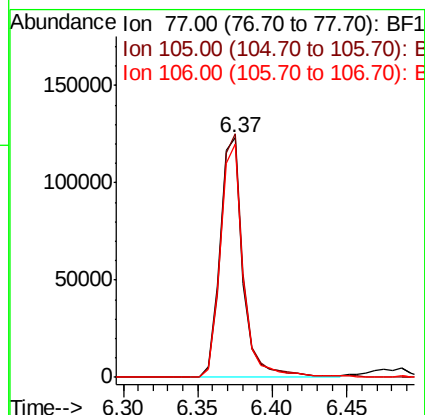
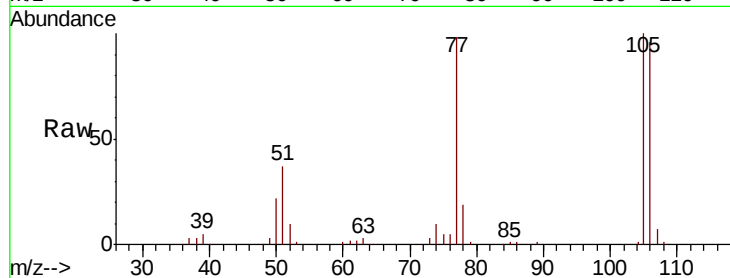
Tot Ion: 77 Resp: 134197

Ion Ratio Lower Upper

77 100

105 101.8 81.8 121.8

106 97.3 77.3 117.3



#10

Phenol

Concen: 39.138 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

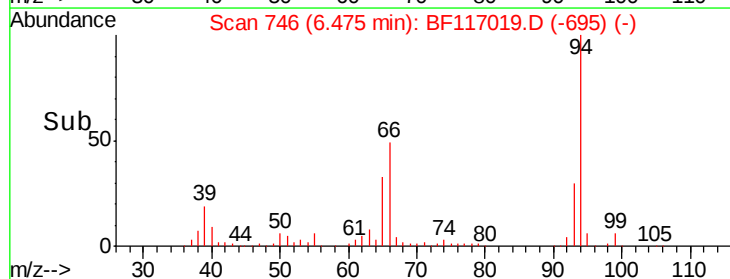
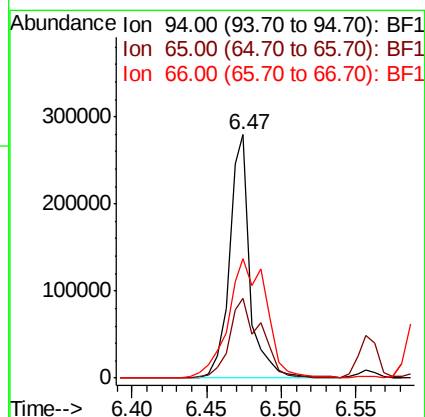
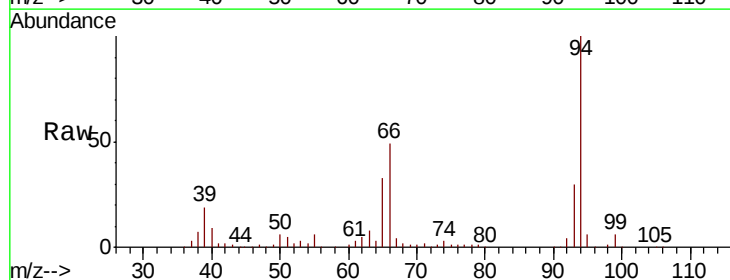
Tgt Ion: 94 Resp: 273014

Ion Ratio Lower Upper

94 100

65 32.5 12.5 52.5

66 48.9 28.9 68.9





#11

bis(2-Chloroethyl)ether

Concen: 35.947 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

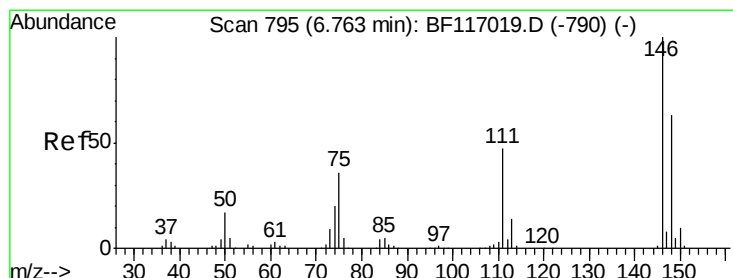
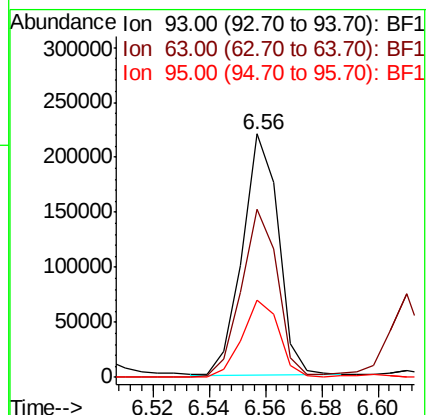
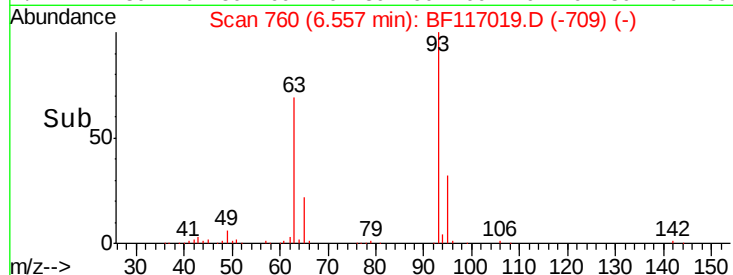
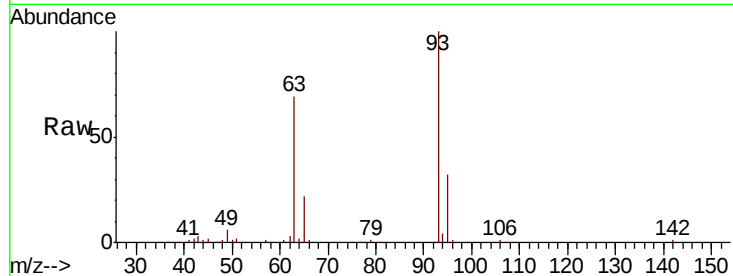
Tot Ion: 93 Resp: 195249

Ion Ratio Lower Upper

93 100

63 69.3 49.3 89.3

95 31.5 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 39.017 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

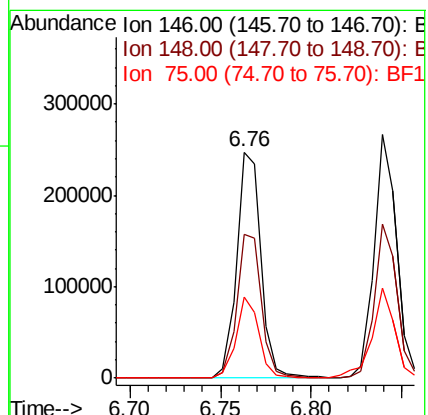
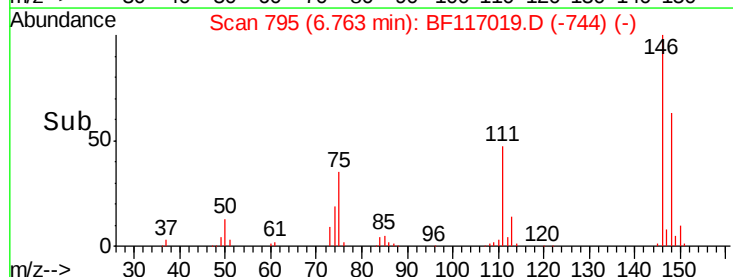
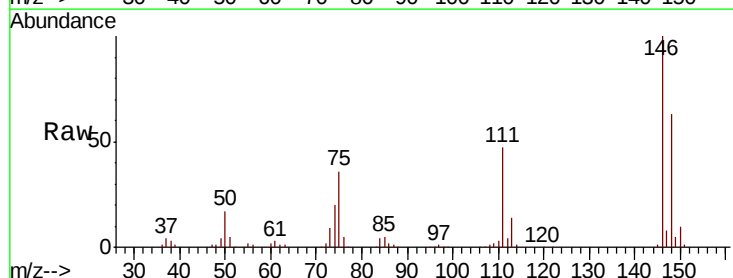
Tgt Ion: 146 Resp: 230941

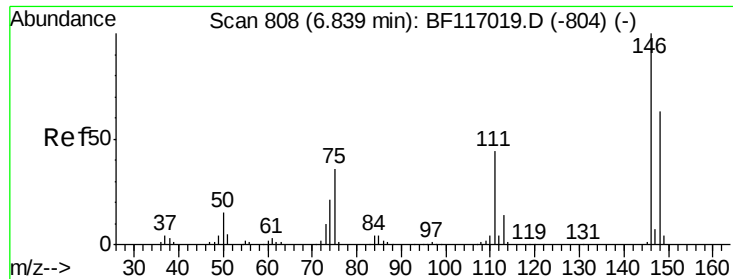
Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

75 35.9 28.7 43.1

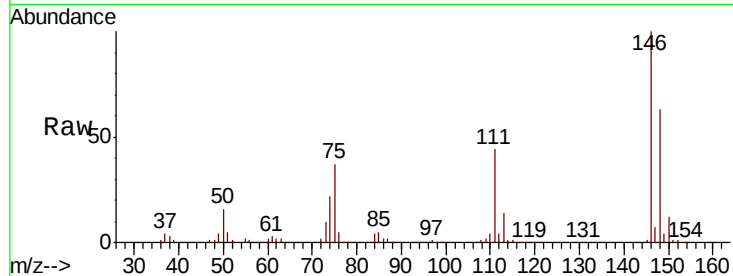




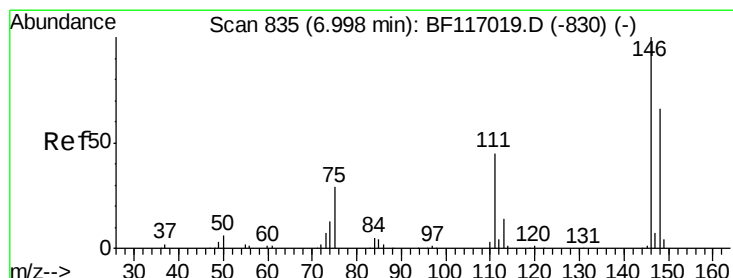
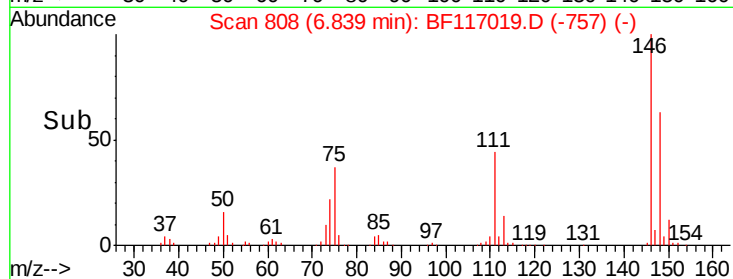
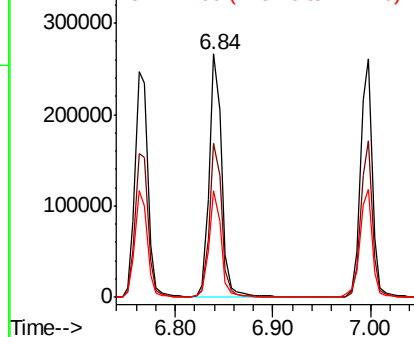
#13  
 1,4-Dichlorobenzene  
 Concen: 40.443 ng  
 RT: 6.84 min Scan# 808  
 Delta R.T. 0.00 min  
 Lab File: BF117019.D  
 Acq: 13 Sep 2019 13:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

Tot Ion:146 Resp: 238322  
 Ion Ratio Lower Upper  
 146 100  
 148 63.3 50.6 76.0  
 111 43.8 35.0 52.6

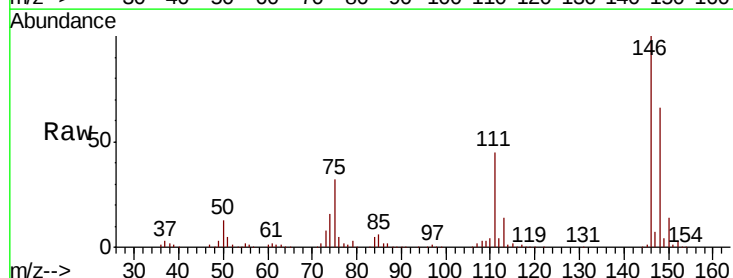


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

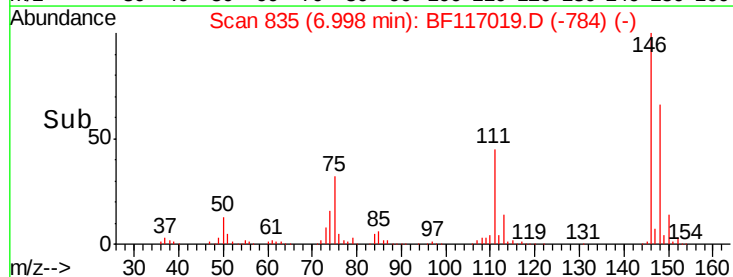
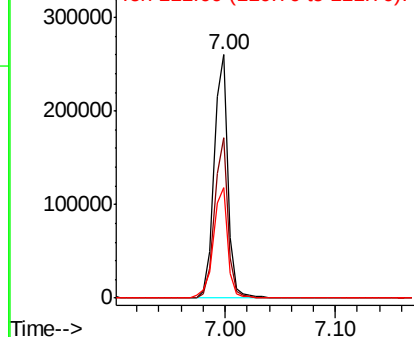


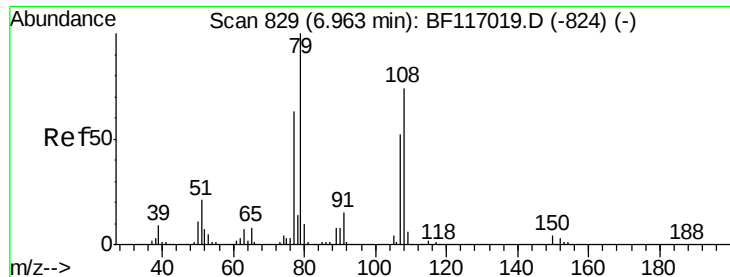
#14  
 1,2-Dichlorobenzene  
 Concen: 40.504 ng  
 RT: 7.00 min Scan# 835  
 Delta R.T. 0.00 min  
 Lab File: BF117019.D  
 Acq: 13 Sep 2019 13:22

Tgt Ion:146 Resp: 221190  
 Ion Ratio Lower Upper  
 146 100  
 148 65.7 52.6 78.8  
 111 45.2 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.534 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

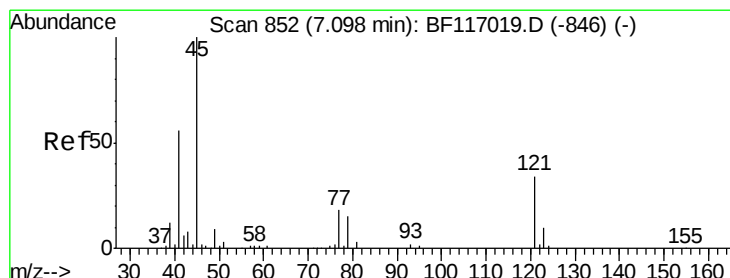
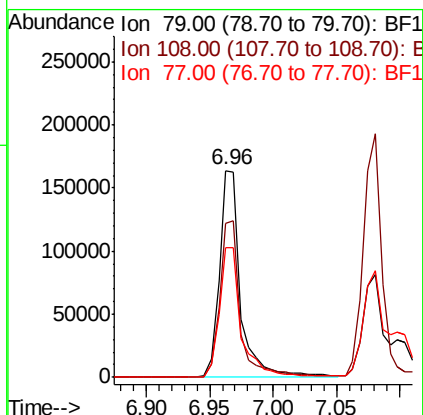
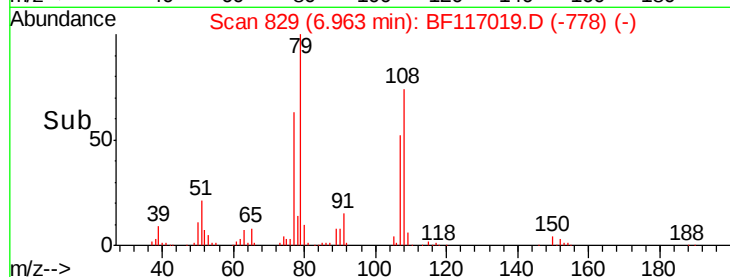
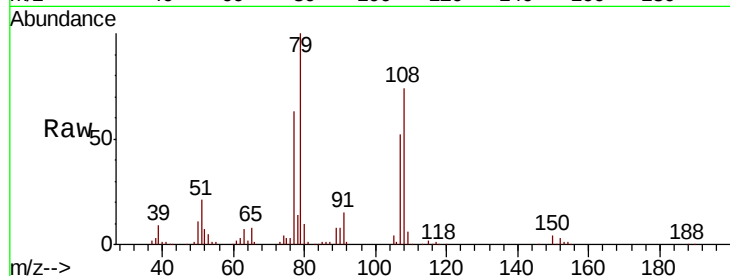
Tot Ion: 79 Resp: 191931

Ion Ratio Lower Upper

79 100

108 74.2 59.4 89.0

77 62.7 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.033 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

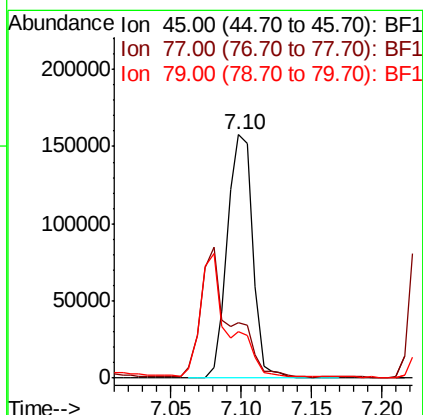
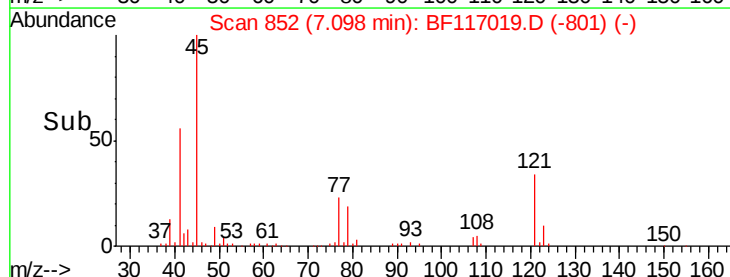
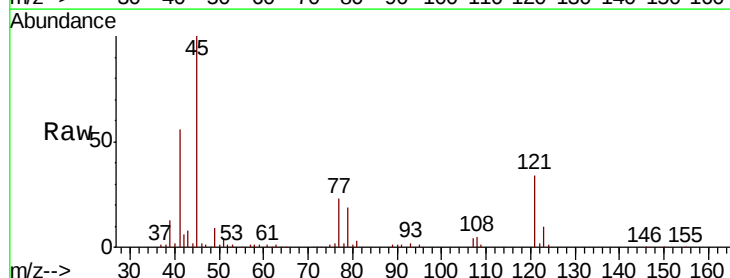
Tgt Ion: 45 Resp: 197761

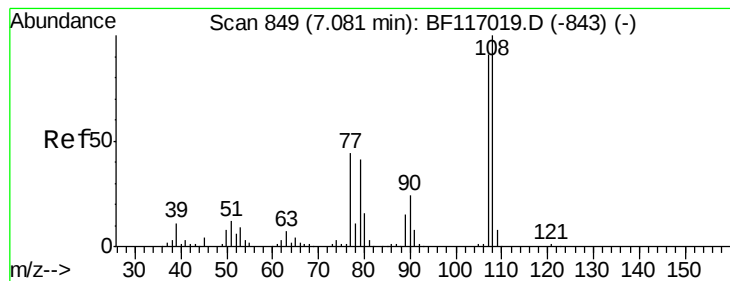
Ion Ratio Lower Upper

45 100

77 22.7 2.7 42.7

79 18.9 0.0 38.9





#17

2-Methylphenol

Concen: 37.038 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tot Ion:107 Resp: 169801

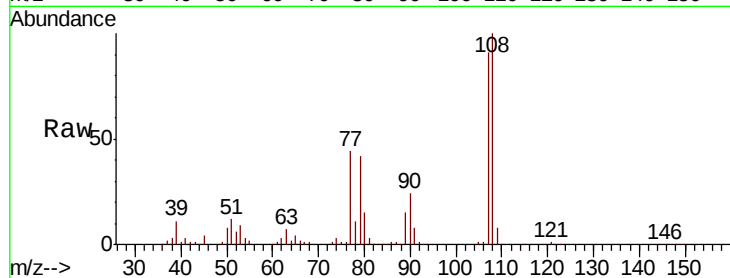
Ion Ratio Lower Upper

107 100

108 109.6 87.7 131.5

77 48.3 38.6 58.0

79 46.0 36.8 55.2

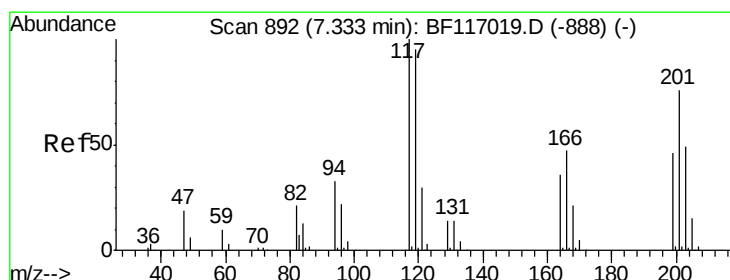
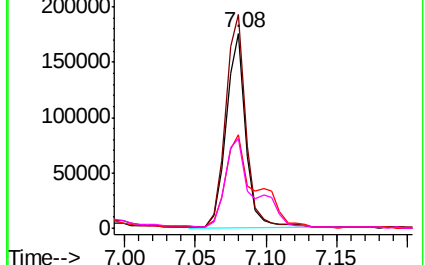
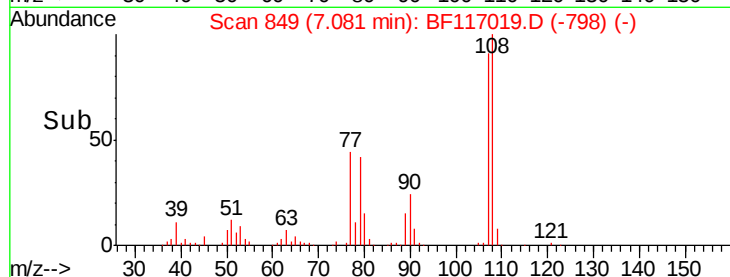


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.643 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

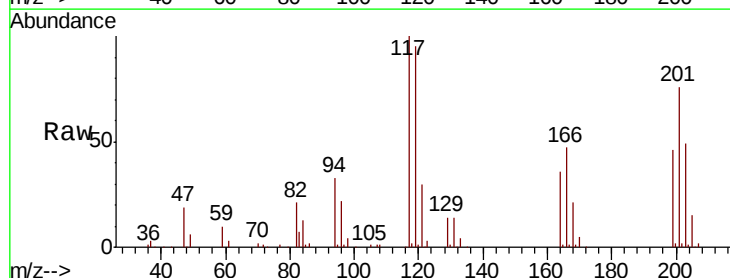
Tgt Ion:117 Resp: 90760

Ion Ratio Lower Upper

117 100

119 94.8 75.8 113.8

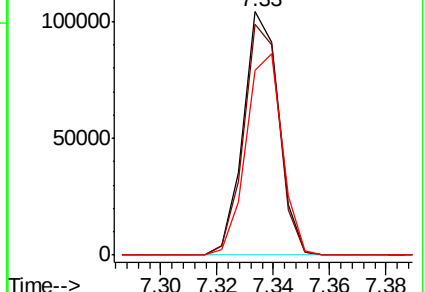
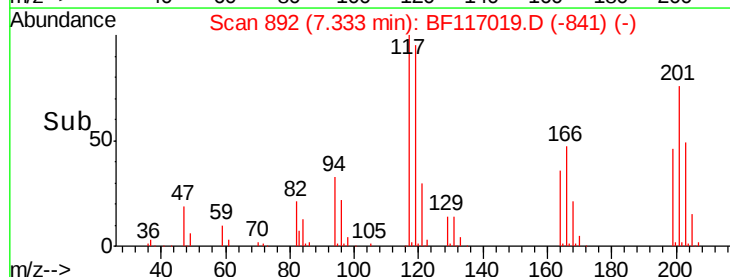
201 76.1 60.9 91.3

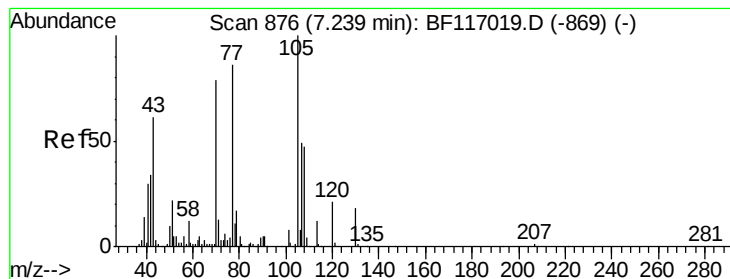


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.540 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tot Ion: 70 Resp: 147414

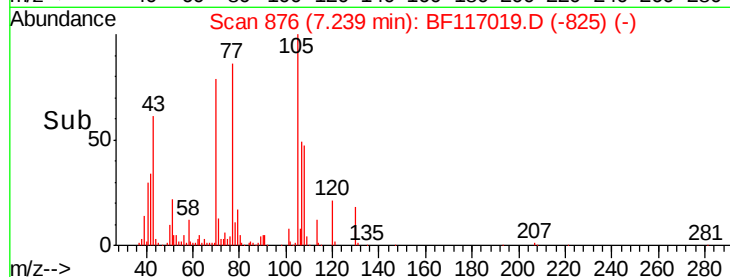
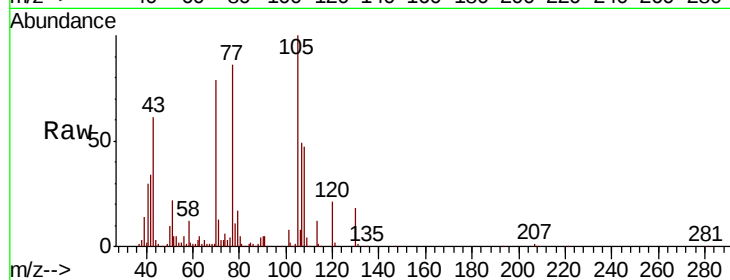
Ion Ratio Lower Upper

70 100

42 42.5 34.0 51.0

101 9.7 7.8 11.6

130 22.3 17.8 26.8

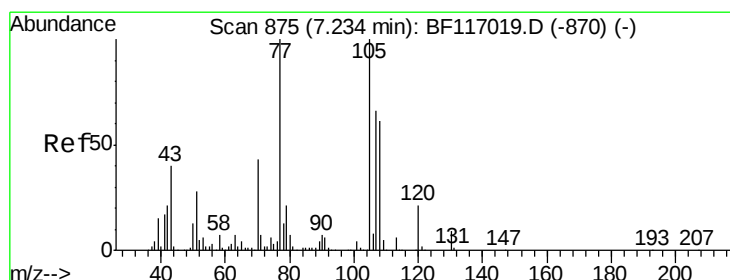
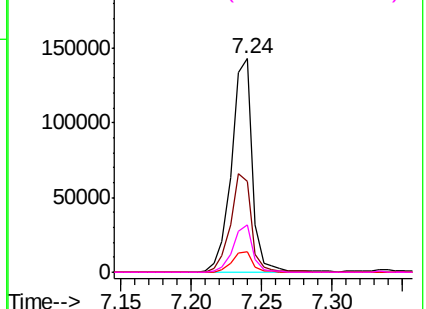


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 40.004 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Tgt Ion: 107 Resp: 213241

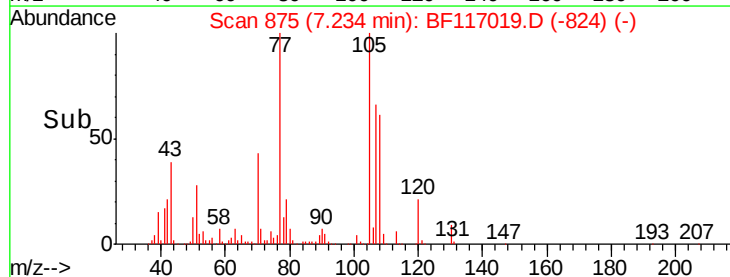
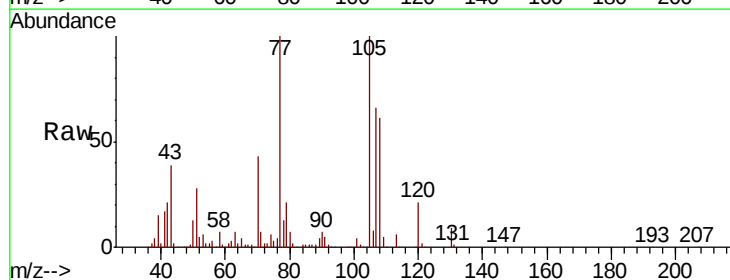
Ion Ratio Lower Upper

107 100

108 92.6 72.6 112.6

77 152.1 132.1 172.1

79 32.1 12.1 52.1

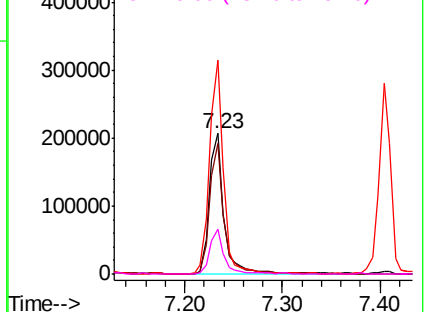


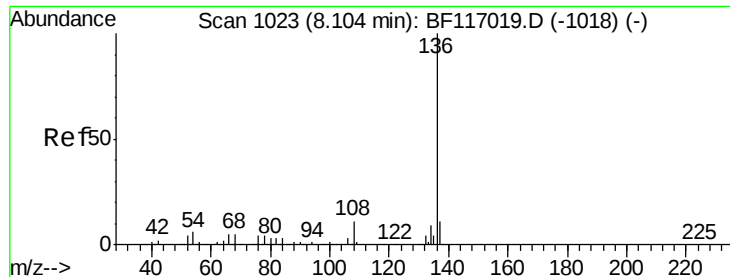
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

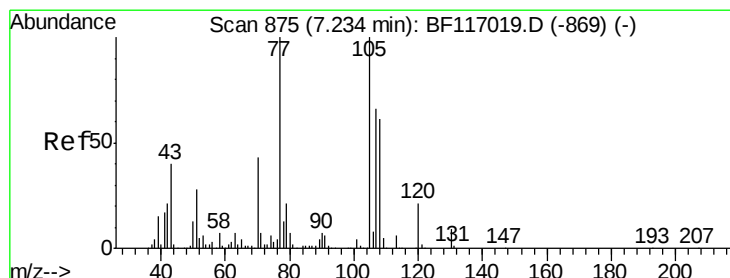
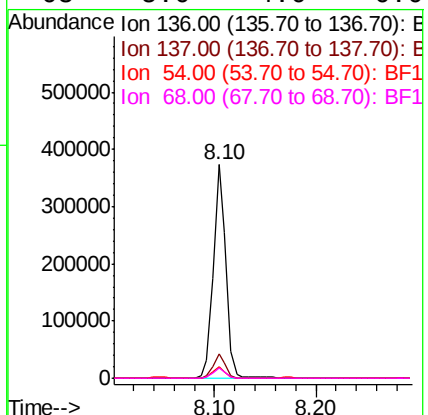
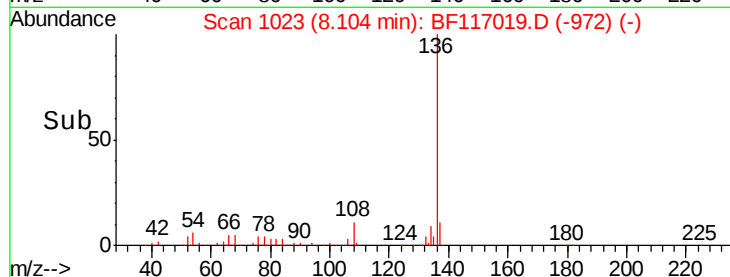
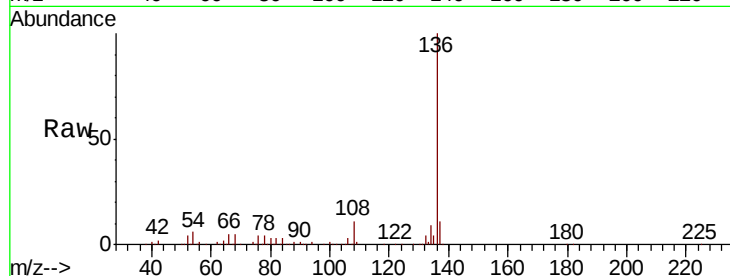




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.10 min Scan# 1023  
Delta R.T. 0.00 min  
Lab File: BF117019.D  
Acq: 13 Sep 2019 13:22

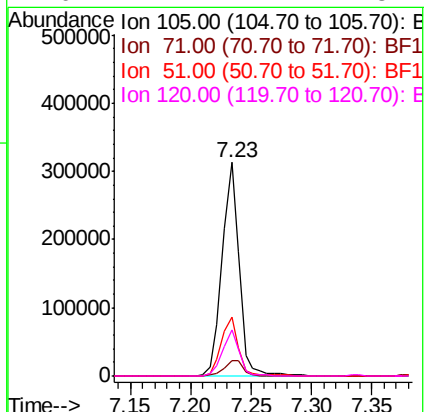
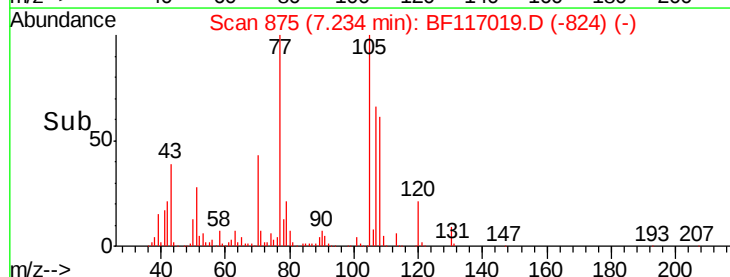
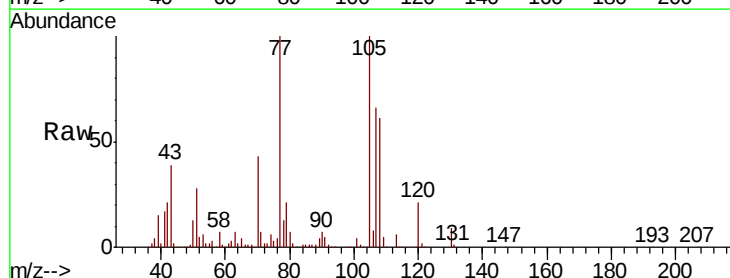
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 322004 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 11.2    | 9.0   | 13.4   |
| 54 5.6      | 4.5   | 6.7    |
| 68 5.0      | 4.0   | 6.0    |



#22  
Acetophenone  
Concen: 39.533 ng  
RT: 7.23 min Scan# 875  
Delta R.T. 0.00 min  
Lab File: BF117019.D  
Acq: 13 Sep 2019 13:22

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 306471 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 7.1     | 5.7   | 8.5    |
| 51  | 27.6    | 22.1  | 33.1   |
| 120 | 21.4    | 17.1  | 25.7   |

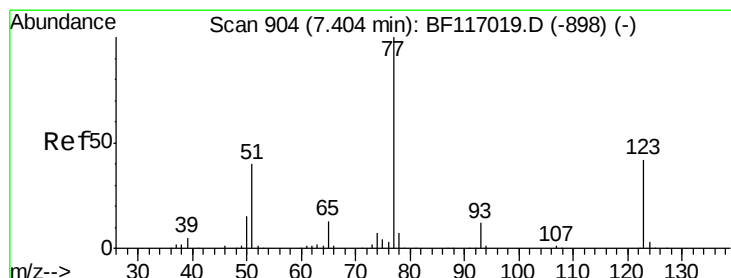
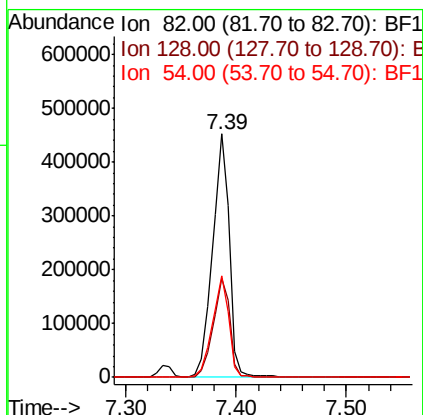
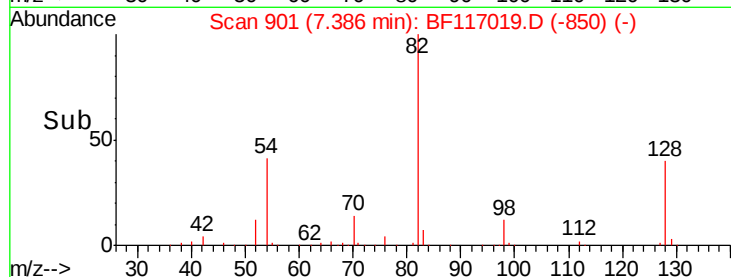
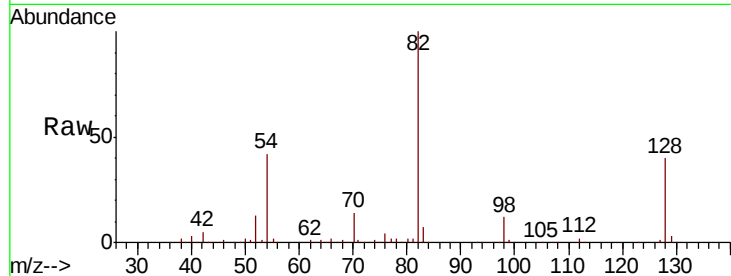




#23  
 Nitrobenzene-d5  
 Concen: 83.296 ng  
 RT: 7.39 min Scan# 901  
 Delta R.T. 0.00 min  
 Lab File: BF117019.D  
 Acq: 13 Sep 2019 13:22

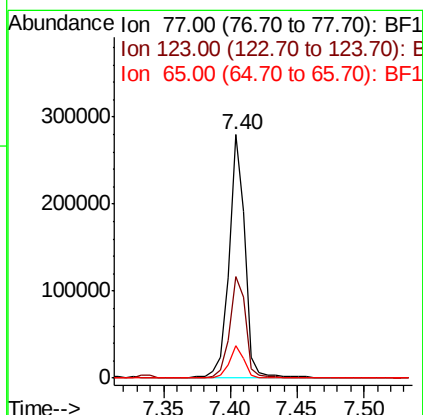
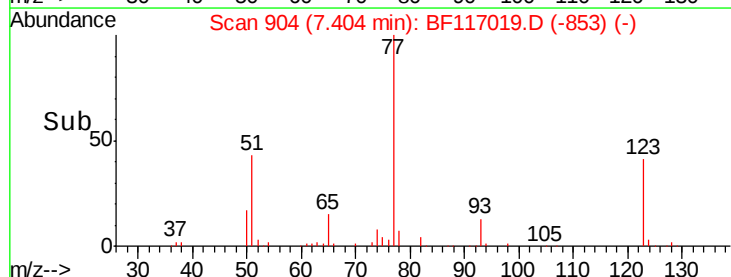
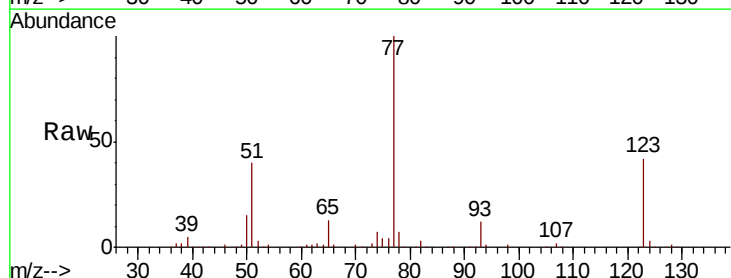
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 40.4  | 32.3  | 48.5  |
| 54      | 41.6  | 33.3  | 49.9  |



#24  
 Nitrobenzene  
 Concen: 40.255 ng  
 RT: 7.40 min Scan# 904  
 Delta R.T. 0.00 min  
 Lab File: BF117019.D  
 Acq: 13 Sep 2019 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 41.9  | 33.5  | 50.3  |
| 65      | 13.1  | 10.5  | 15.7  |





#25

Isophorone

Concen: 35.177 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

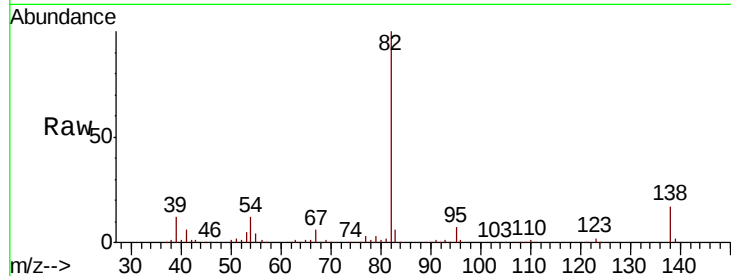
Tot Ion: 82 Resp: 402063

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

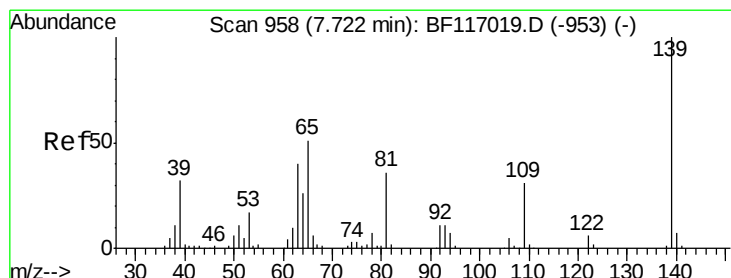
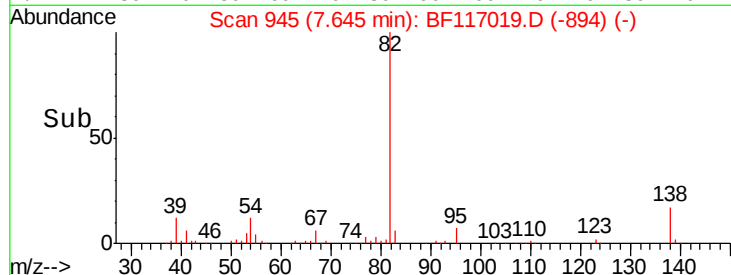
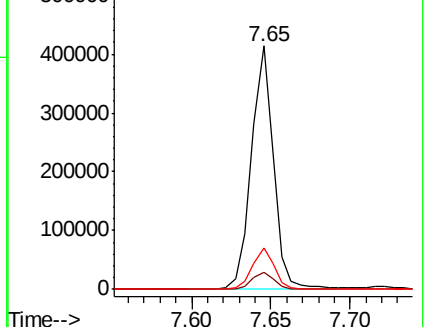
138 16.9 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.107 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

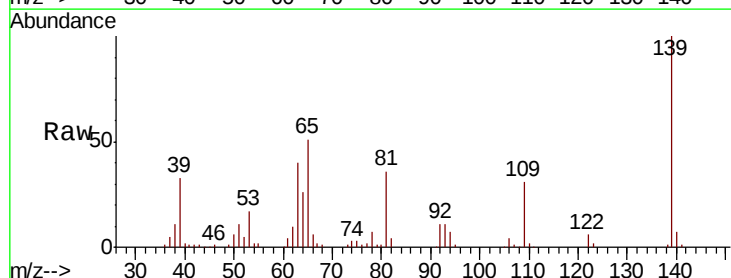
Tgt Ion: 139 Resp: 100469

Ion Ratio Lower Upper

139 100

109 30.7 24.6 36.8

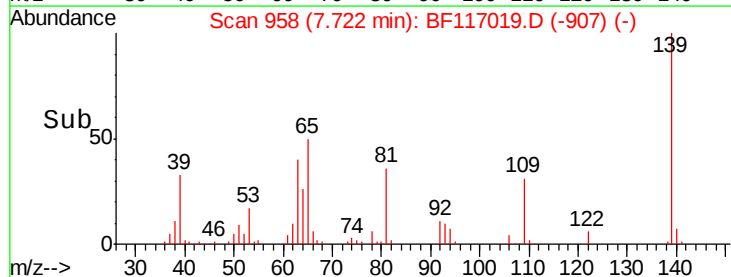
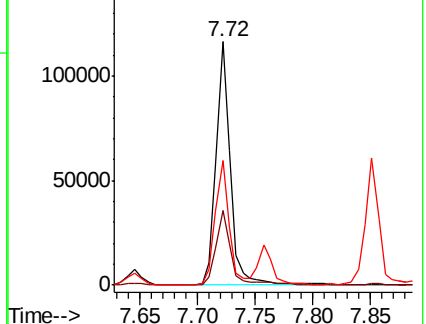
65 51.1 40.9 61.3



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 36.295 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

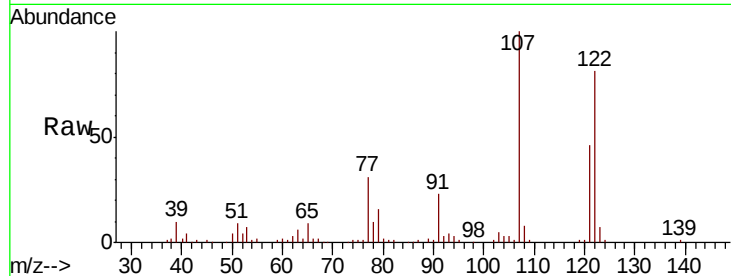
Tot Ion:122 Resp: 156338

Ion Ratio Lower Upper

122 100

107 123.6 98.9 148.3

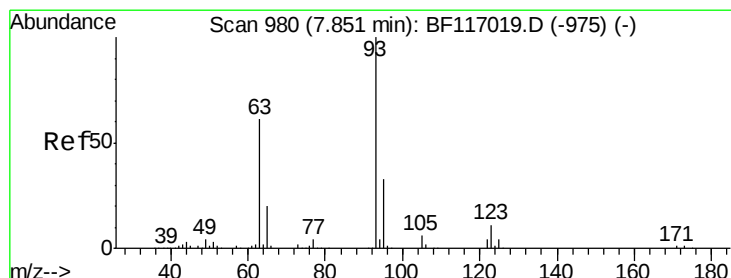
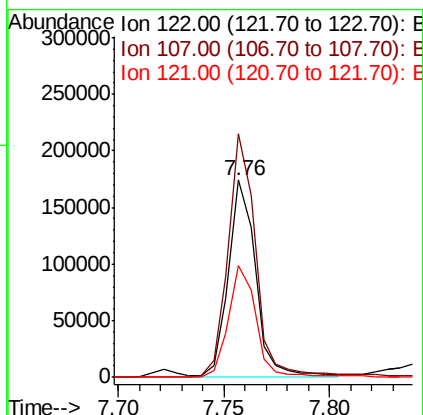
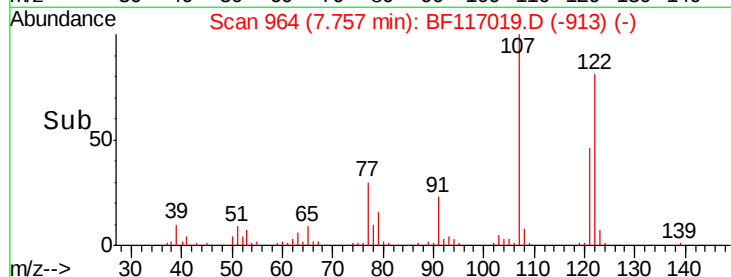
121 56.6 45.3 67.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.592 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

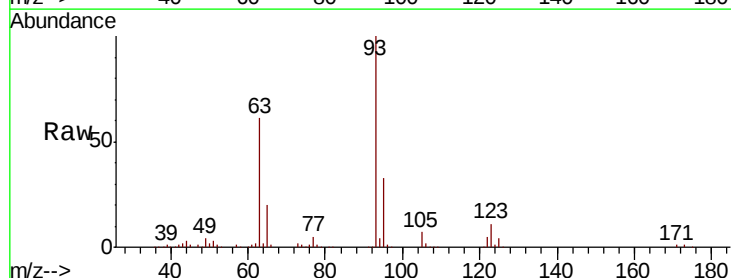
Tgt Ion: 93 Resp: 248600

Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

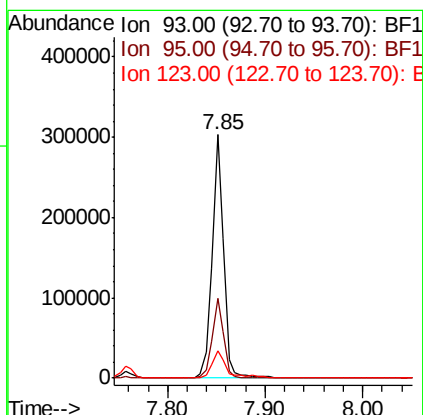
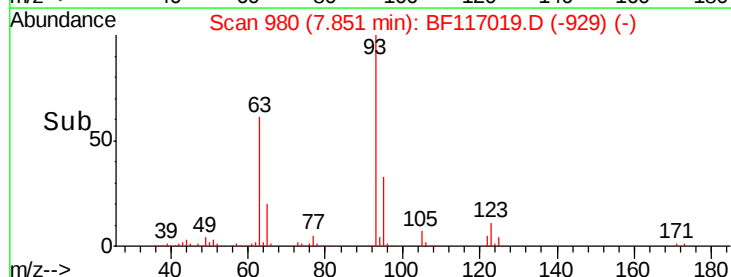
123 11.3 9.0 13.6

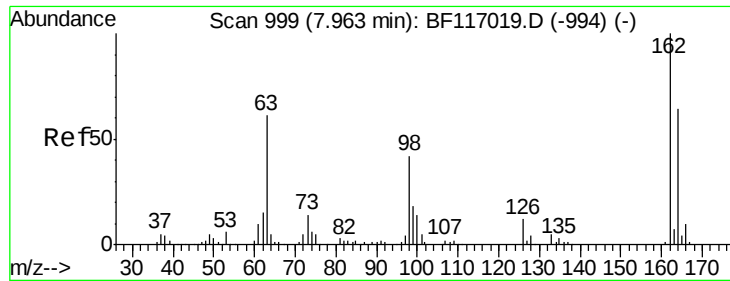


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

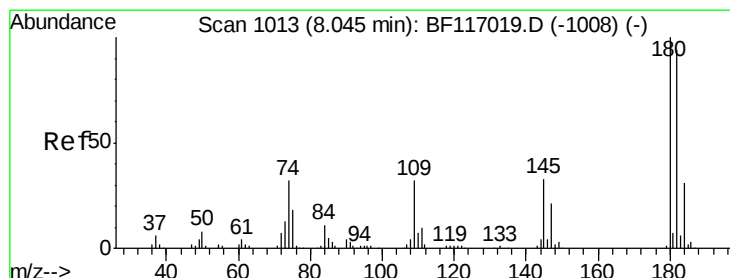
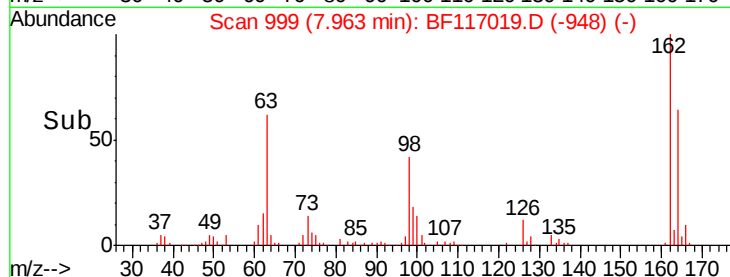
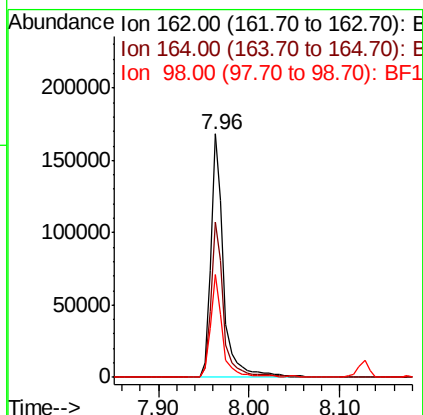
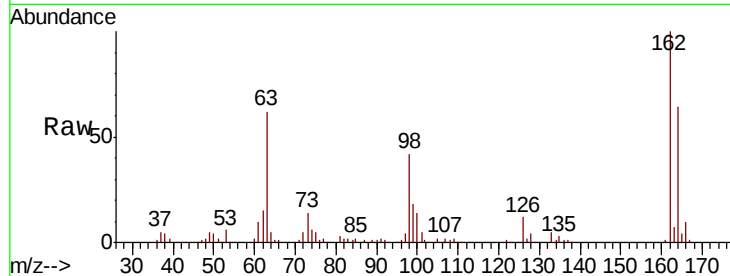




#29  
2,4-Dichlorophenol  
Concen: 40.427 ng  
RT: 7.96 min Scan# 999  
Delta R.T. 0.00 min  
Lab File: BF117019.D  
Acq: 13 Sep 2019 13:22

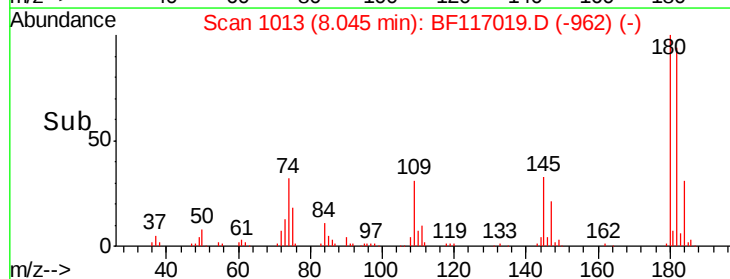
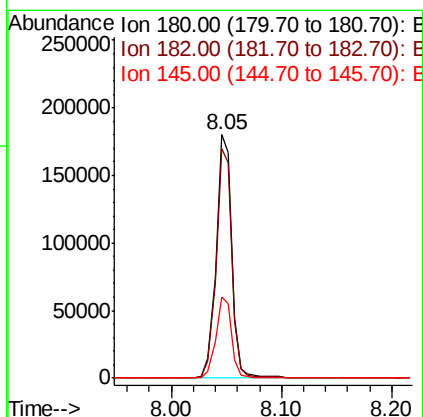
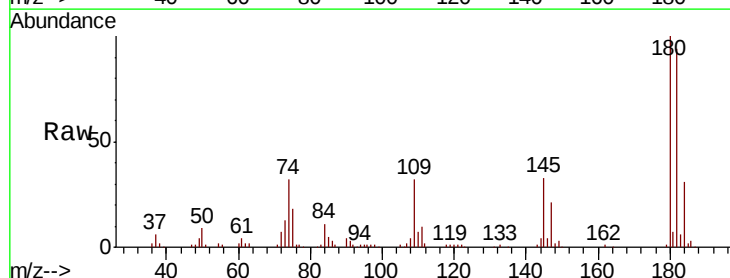
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

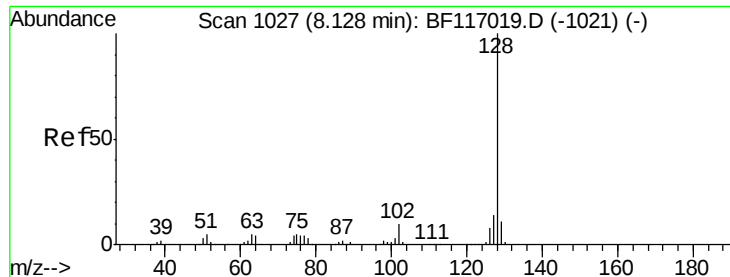
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.8  | 43.8  | 83.8  |
| 98      | 42.1  | 22.1  | 62.1  |



#30  
1,2,4-Trichlorobenzene  
Concen: 39.443 ng  
RT: 8.05 min Scan# 1013  
Delta R.T. 0.00 min  
Lab File: BF117019.D  
Acq: 13 Sep 2019 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.2  | 75.4  | 113.0 |
| 145     | 33.4  | 26.7  | 40.1  |

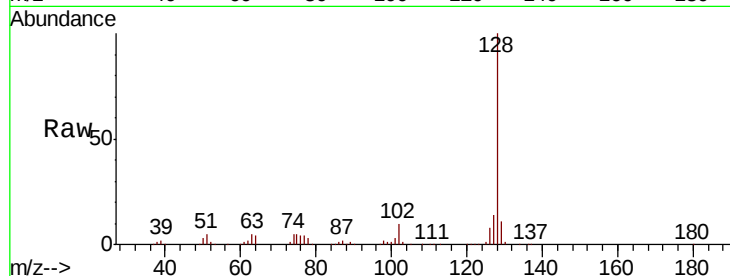




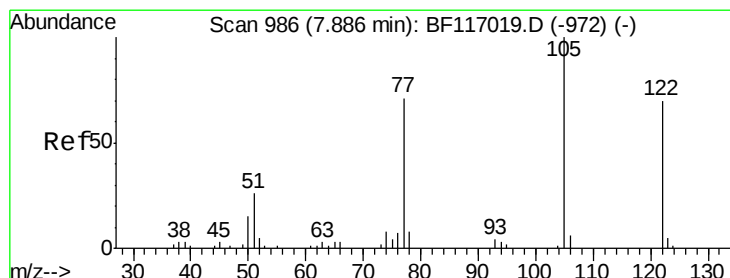
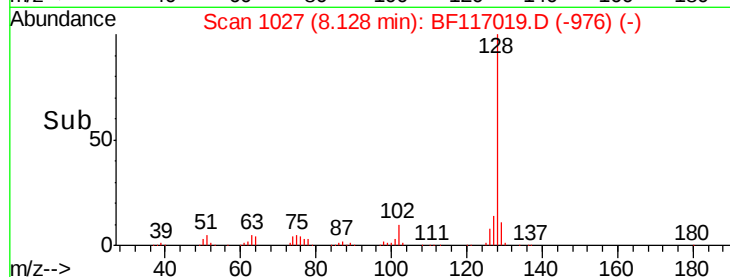
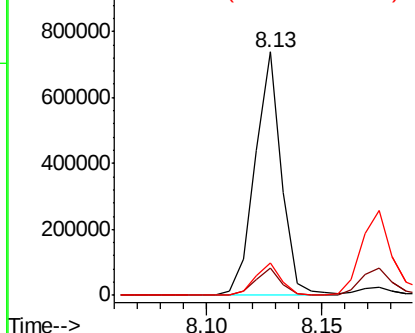
#31  
Naphthalene  
Concen: 38.690 ng  
RT: 8.13 min Scan# 1027  
Delta R.T. 0.00 min  
Lab File: BF117019.D  
Acq: 13 Sep 2019 13:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.2  | 9.0   | 13.4  |
| 127     | 13.5  | 10.8  | 16.2  |

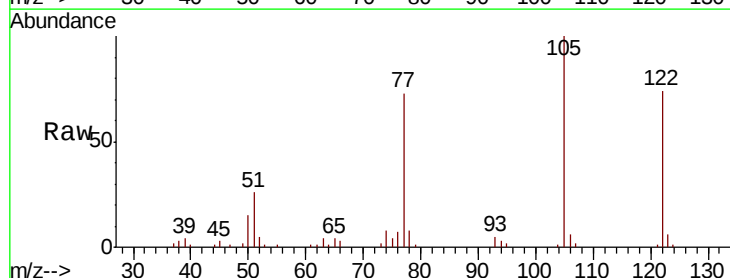


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

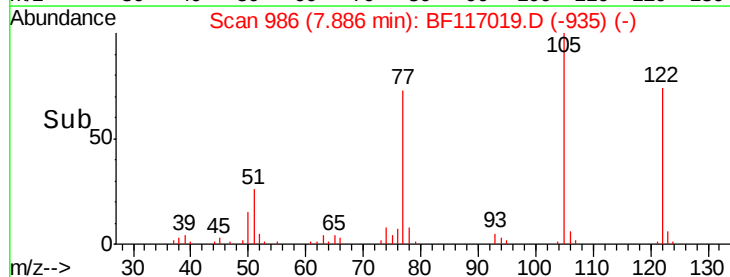
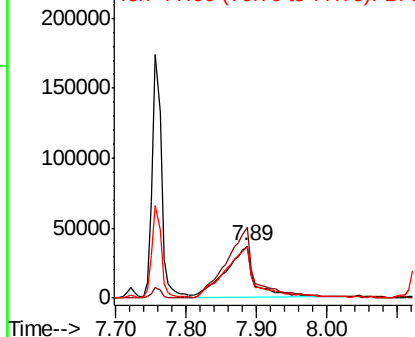


#32  
Benzoic acid  
Concen: 43.894 ng  
RT: 7.89 min Scan# 986  
Delta R.T. 0.00 min  
Lab File: BF117019.D  
Acq: 13 Sep 2019 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 134.8 | 114.8 | 154.8 |
| 77      | 98.7  | 78.7  | 118.7 |



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF1

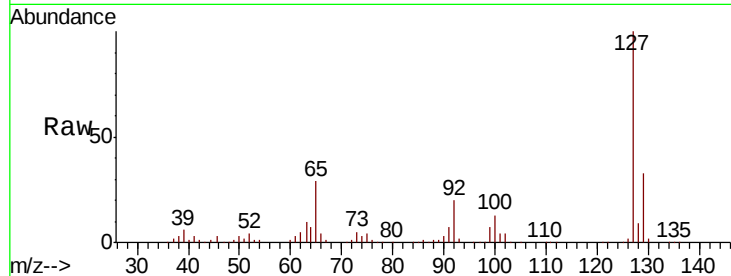




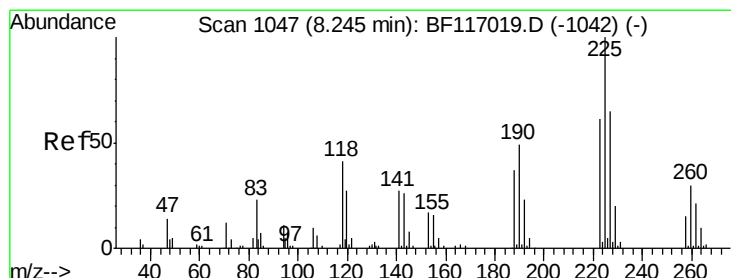
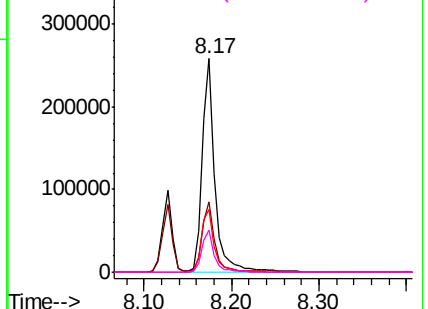
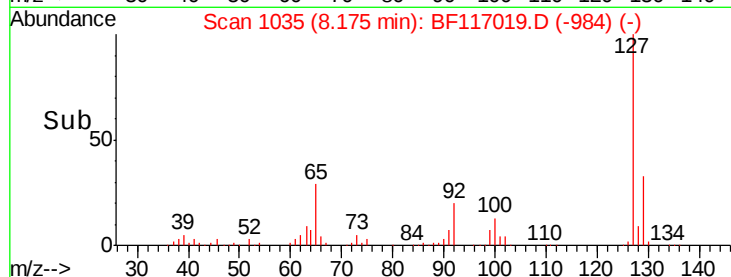
#33  
4-Chloroaniline  
Concen: 37.679 ng  
RT: 8.17 min Scan# 1035  
Delta R.T. 0.00 min  
Lab File: BF117019.D  
Acq: 13 Sep 2019 13:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 262615 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.7  | 26.2  | 39.2   |
| 65       | 29.4  | 23.5  | 35.3   |
| 92       | 19.9  | 15.9  | 23.9   |

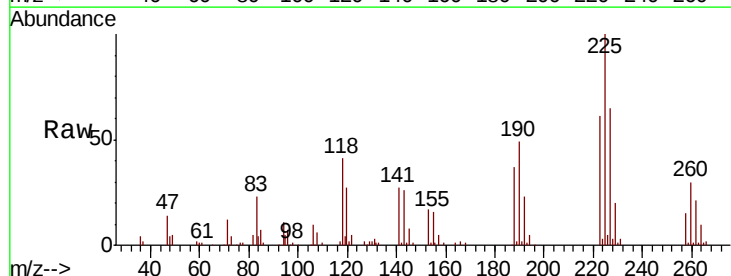


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

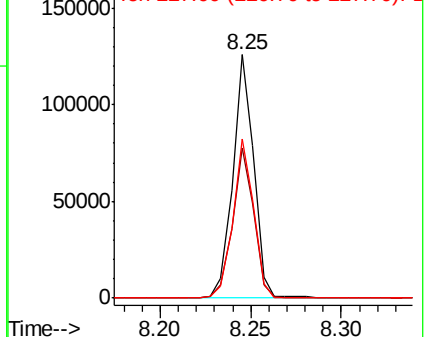
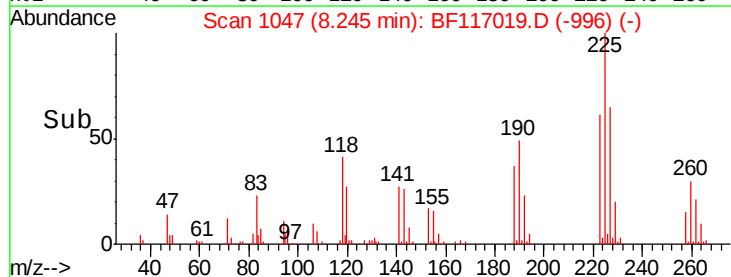


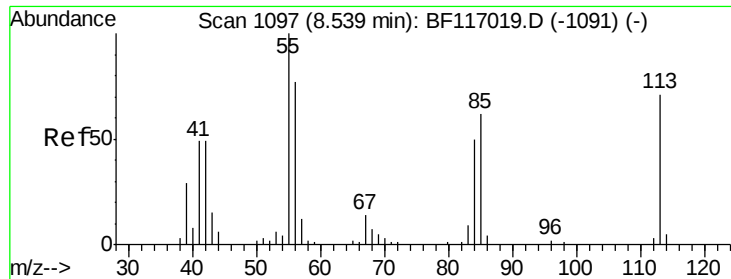
#34  
Hexachlorobutadiene  
Concen: 41.296 ng  
RT: 8.25 min Scan# 1047  
Delta R.T. 0.00 min  
Lab File: BF117019.D  
Acq: 13 Sep 2019 13:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 101096 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.4  | 49.1  | 73.7   |
| 227      | 65.2  | 52.2  | 78.2   |



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

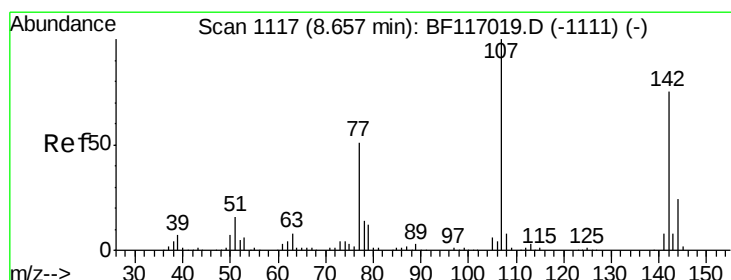
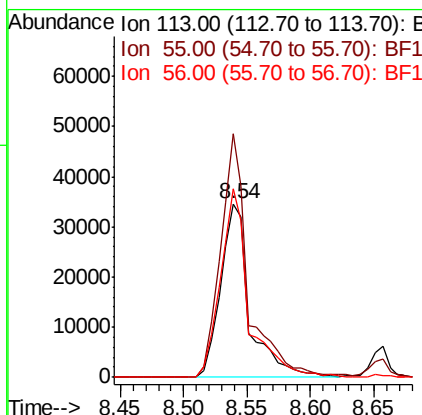
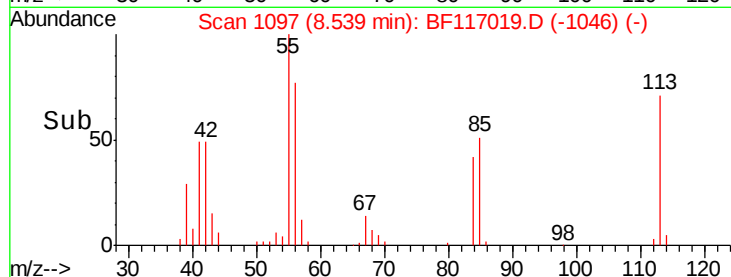
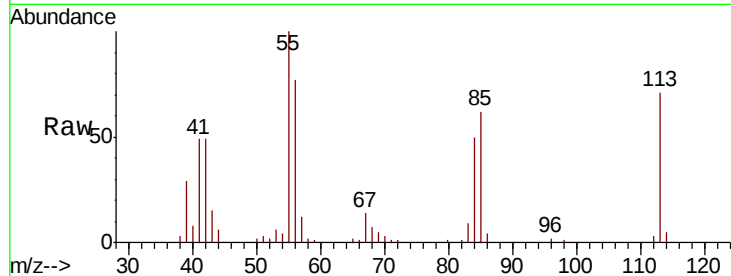




#35  
Caprolactam  
Concen: 35.412 ng  
RT: 8.54 min Scan# 1097  
Delta R.T. 0.00 min  
Lab File: BF117019.D  
Acq: 13 Sep 2019 13:22

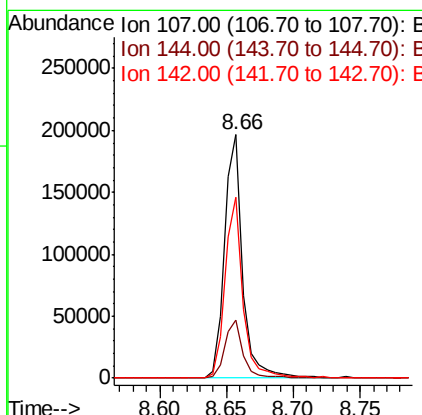
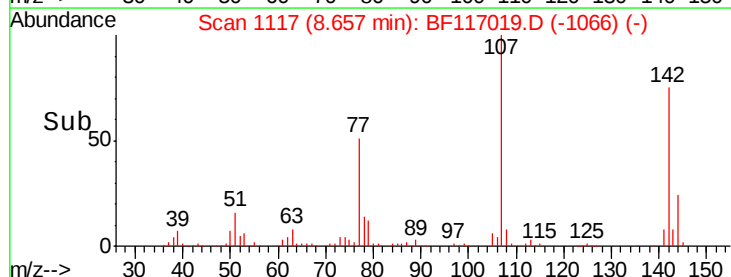
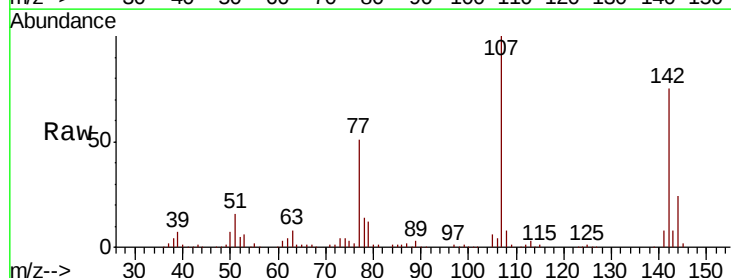
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

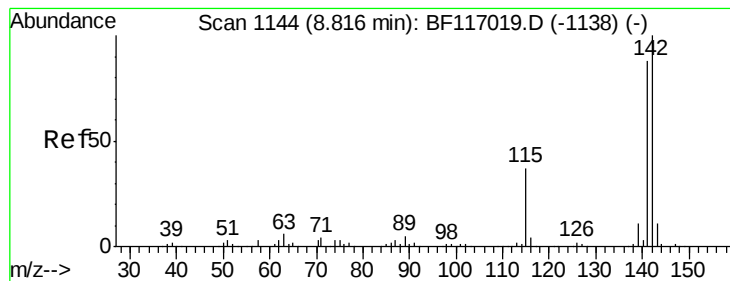
Tot Ion:113 Resp: 54859  
Ion Ratio Lower Upper  
113 100  
55 140.6 120.6 160.6  
56 108.8 88.8 128.8



#36  
4-Chloro-3-methylphenol  
Concen: 39.886 ng  
RT: 8.66 min Scan# 1117  
Delta R.T. 0.00 min  
Lab File: BF117019.D  
Acq: 13 Sep 2019 13:22

Tgt Ion:107 Resp: 189764  
Ion Ratio Lower Upper  
107 100  
144 24.0 19.2 28.8  
142 74.5 59.6 89.4





#37

2-Methylnaphthalene

Concen: 38.747 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

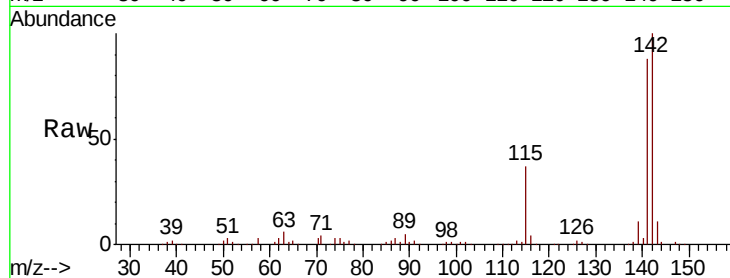
Tot Ion:142 Resp: 394741

Ion Ratio Lower Upper

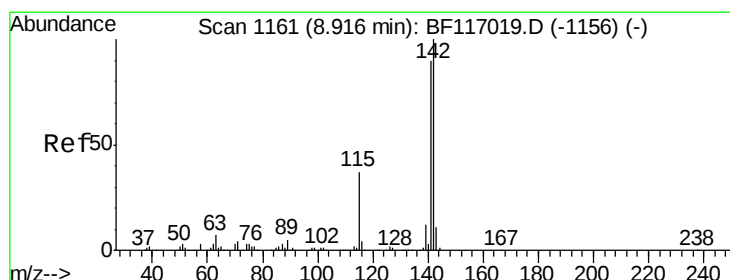
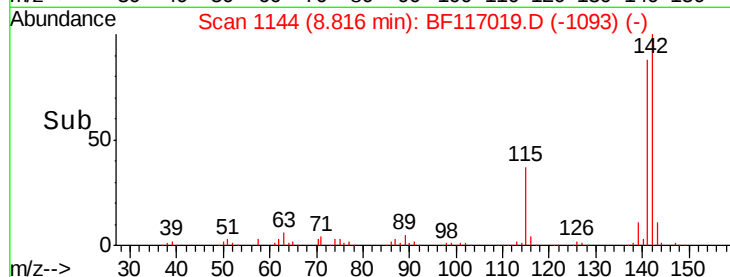
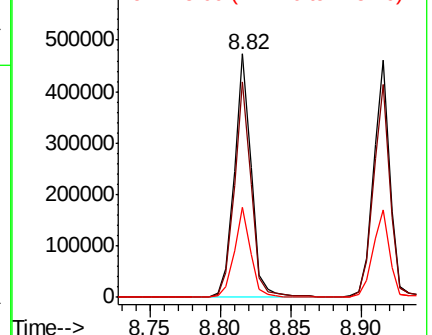
142 100

141 88.4 70.7 106.1

115 36.7 29.4 44.0



Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.364 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

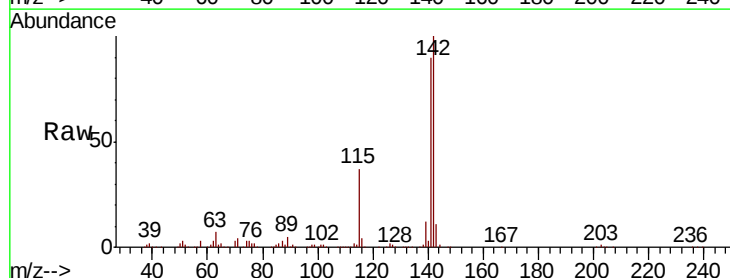
Tgt Ion:142 Resp: 368950

Ion Ratio Lower Upper

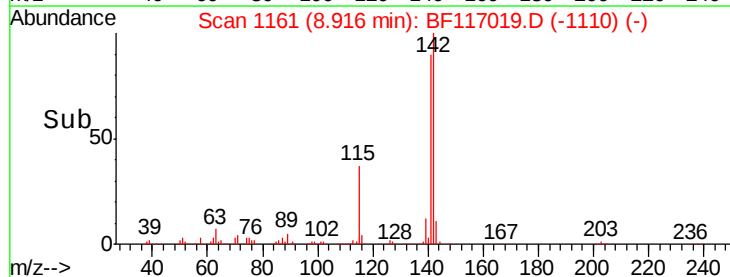
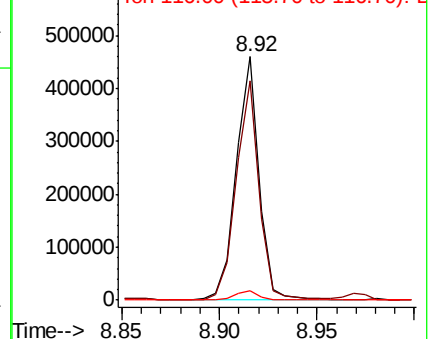
142 100

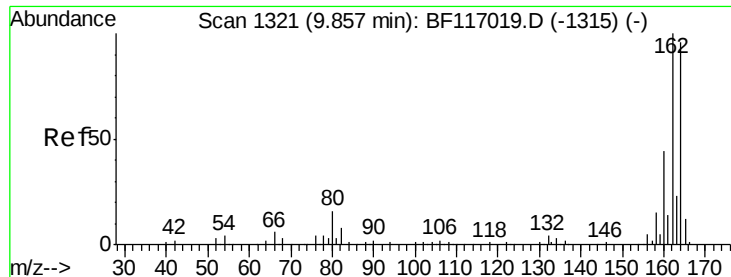
141 89.9 71.9 107.9

116 4.0 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 116.00 (115.70 to 116.70): E

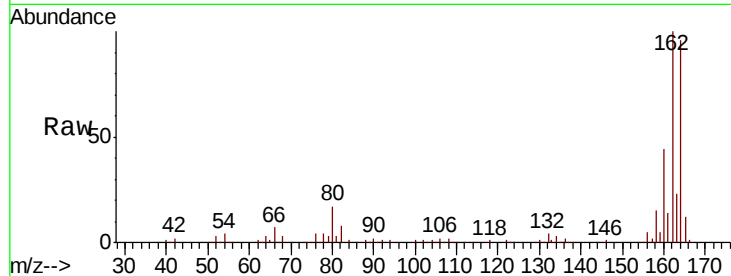




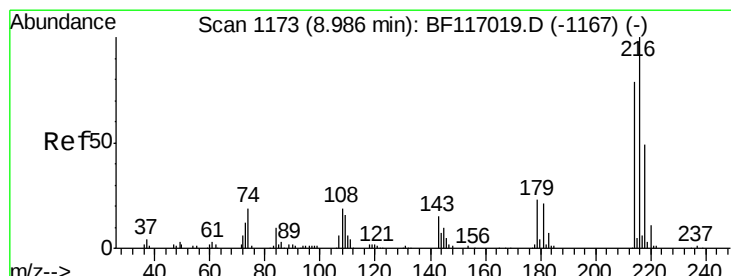
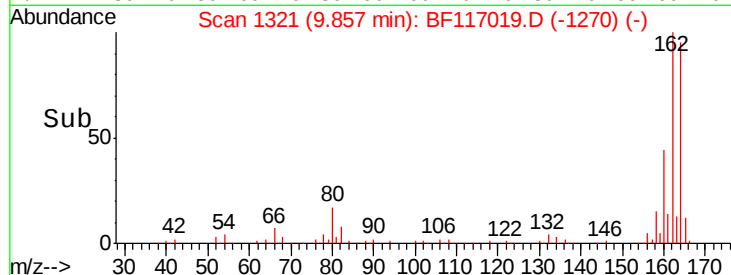
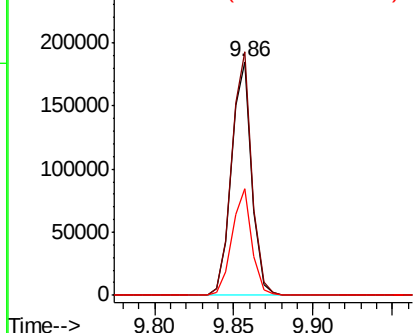
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.86 min Scan# 1321  
Delta R.T. 0.00 min  
Lab File: BF117019.D  
Acq: 13 Sep 2019 13:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tot Ion:164 Resp: 163009  
Ion Ratio Lower Upper  
164 100  
162 104.3 83.4 125.2  
160 45.5 36.4 54.6

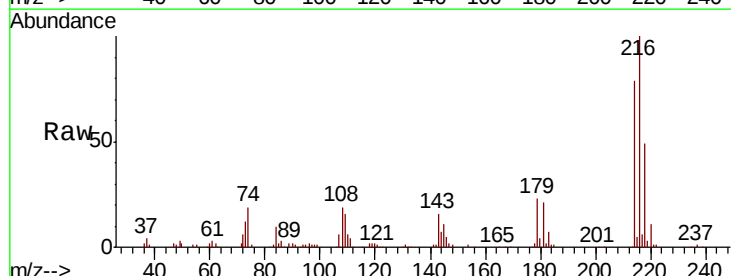


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

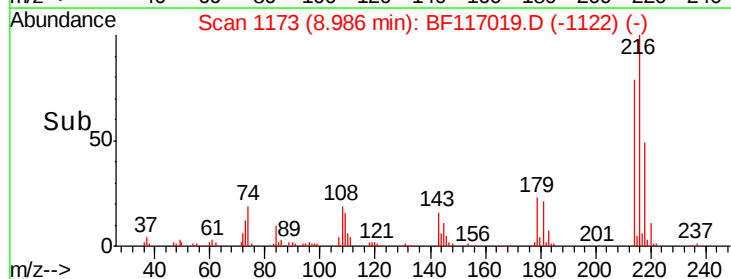
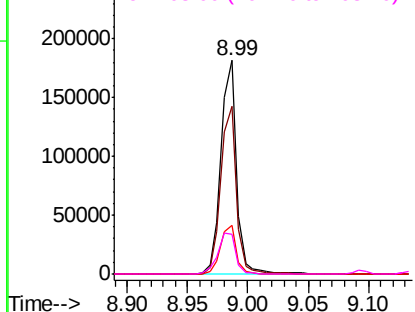


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.028 ng  
RT: 8.99 min Scan# 1173  
Delta R.T. 0.00 min  
Lab File: BF117019.D  
Acq: 13 Sep 2019 13:22

Tgt Ion:216 Resp: 160321  
Ion Ratio Lower Upper  
216 100  
214 79.5 63.6 95.4  
179 22.9 18.3 27.5  
108 22.2 17.8 26.6



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

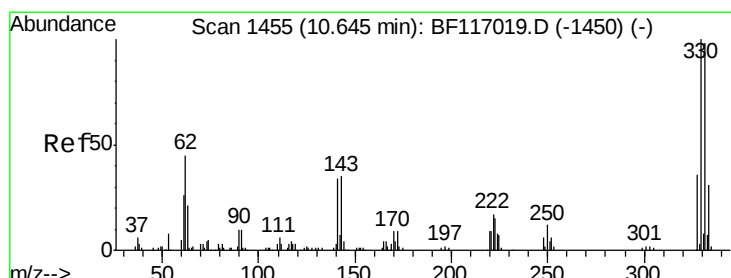
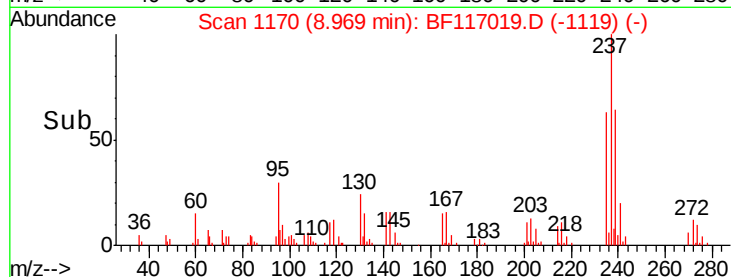
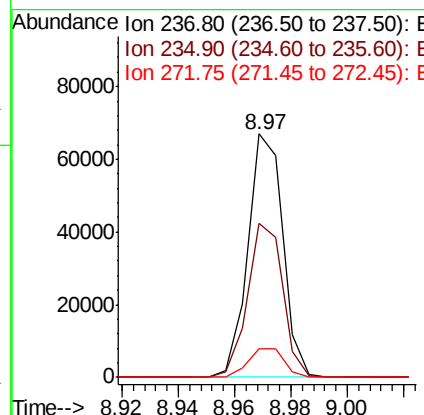
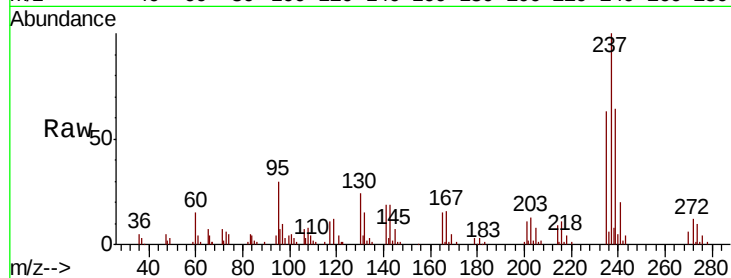




#41  
Hexachlorocyclopentadiene  
Concen: 25.524 ng  
RT: 8.97 min Scan# 1170  
Delta R.T. 0.00 min  
Lab File: BF117019.D  
Acq: 13 Sep 2019 13:22

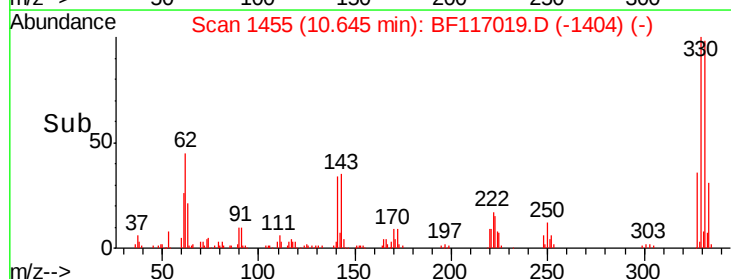
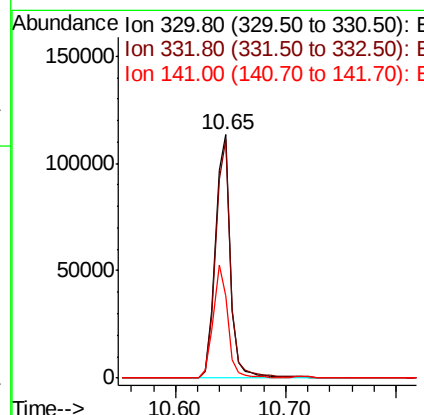
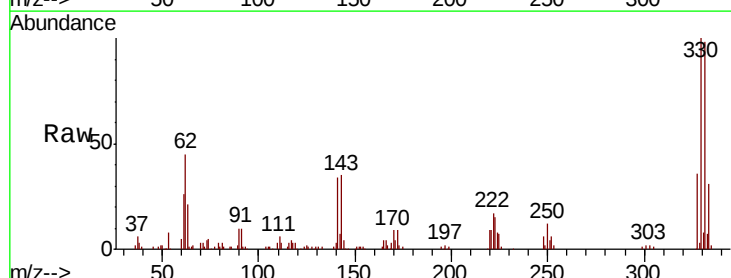
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tot Ion:237 Resp: 57595  
Ion Ratio Lower Upper  
237 100  
235 63.2 43.2 83.2  
272 11.9 0.0 31.9



#42  
2,4,6-Tribromophenol  
Concen: 96.313 ng  
RT: 10.65 min Scan# 1455  
Delta R.T. 0.00 min  
Lab File: BF117019.D  
Acq: 13 Sep 2019 13:22

Tgt Ion:330 Resp: 104957  
Ion Ratio Lower Upper  
330 100  
332 97.5 78.0 117.0  
141 44.7 35.8 53.6

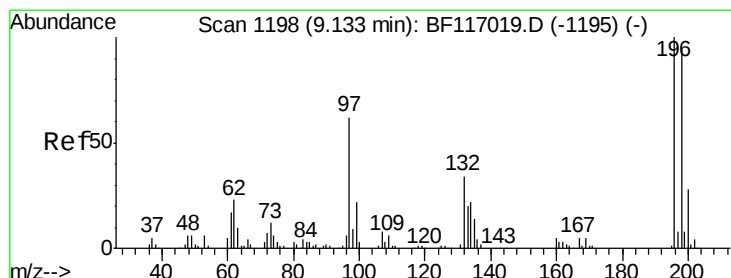
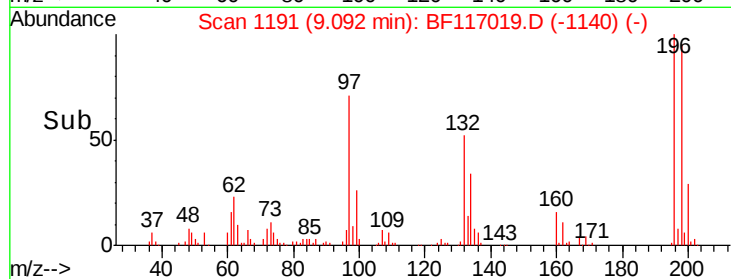
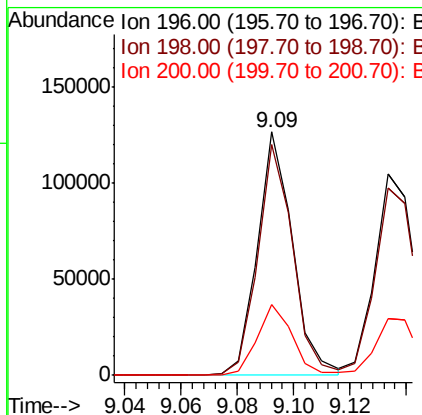
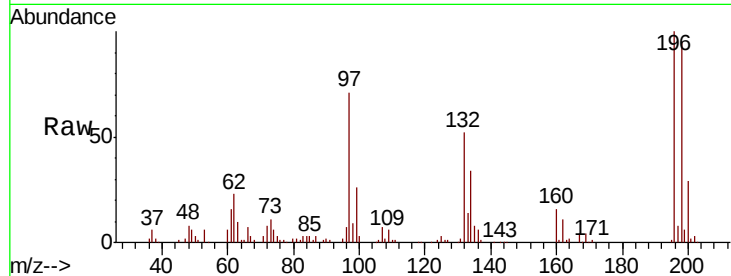




#43  
 2,4,6-Trichlorophenol  
 Concen: 40.762 ng  
 RT: 9.09 min Scan# 1191  
 Delta R.T. 0.00 min  
 Lab File: BF117019.D  
 Acq: 13 Sep 2019 13:22

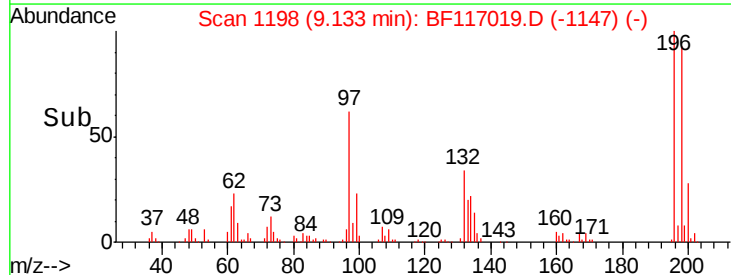
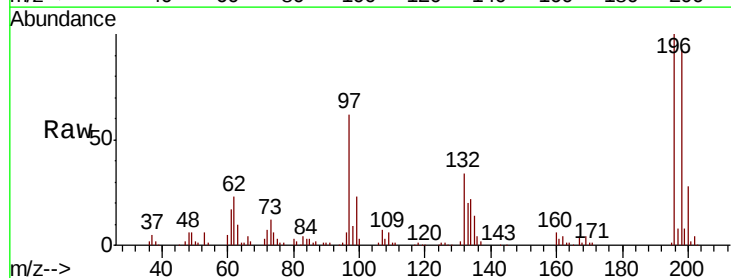
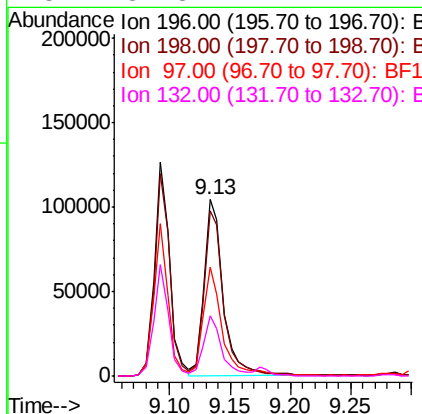
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

Tot Ion:196 Resp: 109187  
 Ion Ratio Lower Upper  
 196 100  
 198 94.6 75.7 113.5  
 200 29.1 23.3 34.9



#44  
 2,4,5-Trichlorophenol  
 Concen: 41.066 ng  
 RT: 9.13 min Scan# 1198  
 Delta R.T. 0.00 min  
 Lab File: BF117019.D  
 Acq: 13 Sep 2019 13:22

Tgt Ion:196 Resp: 114201  
 Ion Ratio Lower Upper  
 196 100  
 198 93.3 74.6 112.0  
 97 61.9 49.5 74.3  
 132 34.3 27.4 41.2

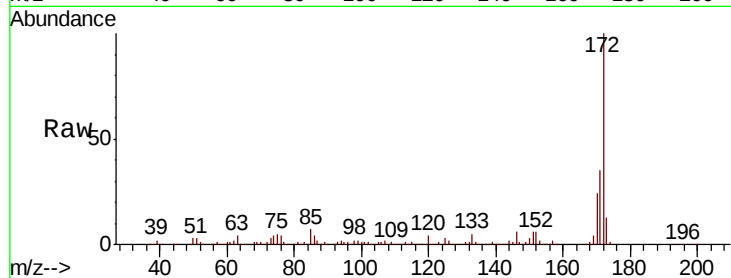




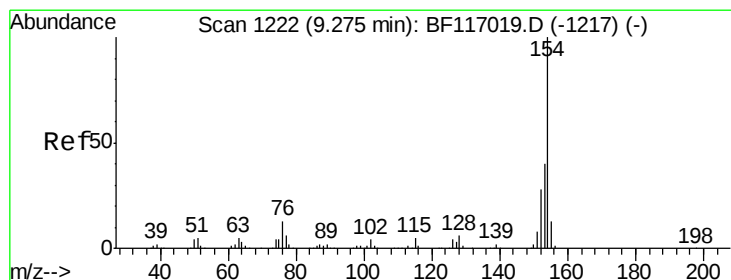
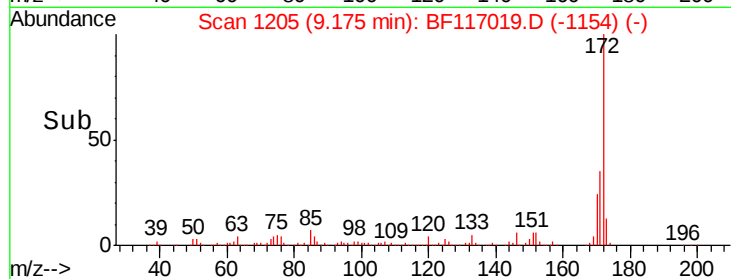
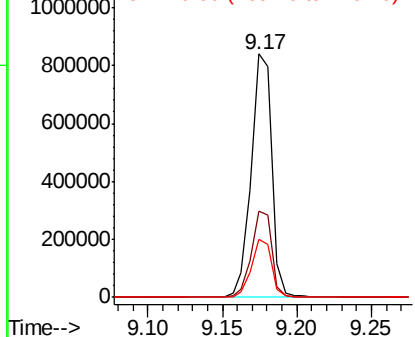
#45  
2-Fluorobiphenyl  
Concen: 82.299 ng  
RT: 9.17 min Scan# 1205  
Delta R.T. 0.00 min  
Lab File: BF117019.D  
Acq: 13 Sep 2019 13:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tot Ion:172 Resp: 795274  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.2 42.2  
170 23.6 18.9 28.3

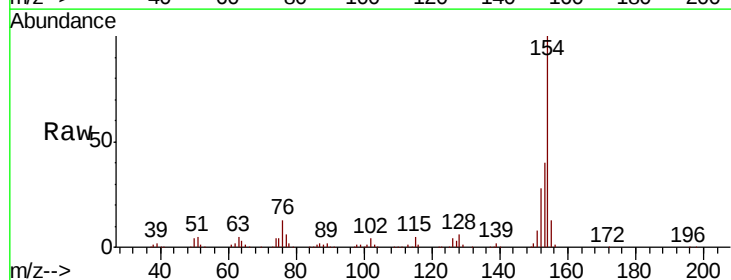


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

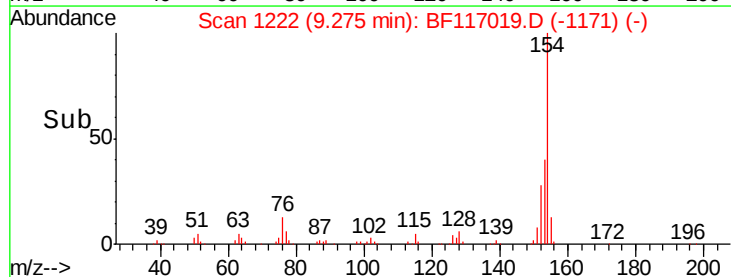
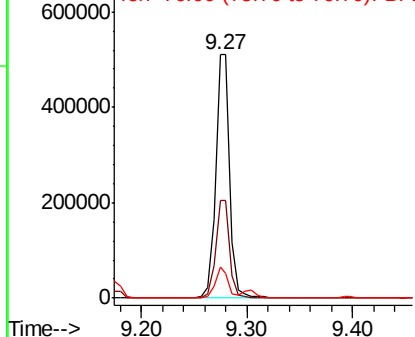


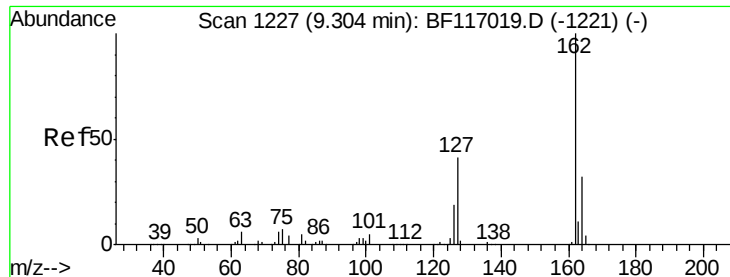
#46  
1,1'-Biphenyl  
Concen: 39.157 ng  
RT: 9.27 min Scan# 1222  
Delta R.T. 0.00 min  
Lab File: BF117019.D  
Acq: 13 Sep 2019 13:22

Tgt Ion:154 Resp: 484344  
Ion Ratio Lower Upper  
154 100  
153 40.0 20.0 60.0  
76 12.7 0.0 32.7



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): BF1

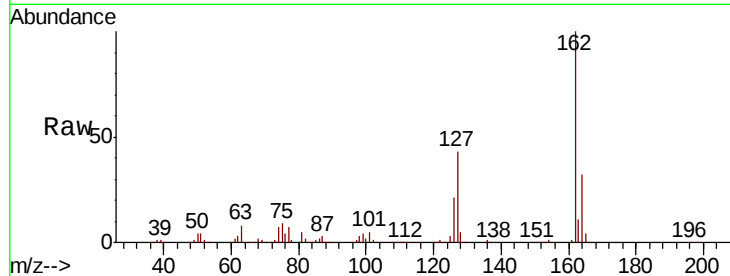




#47  
2-Chloronaphthalene  
Concen: 39.063 ng  
RT: 9.30 min Scan# 1227  
Delta R.T. 0.00 min  
Lab File: BF117019.D  
Acq: 13 Sep 2019 13:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 42.6  | 34.1  | 51.1  |
| 164     | 32.4  | 25.9  | 38.9  |

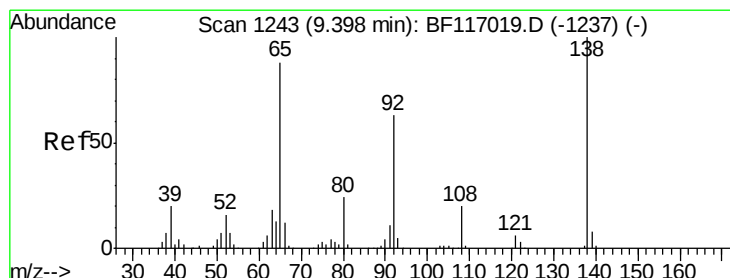
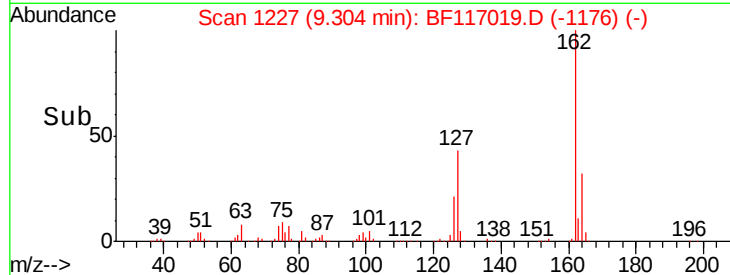
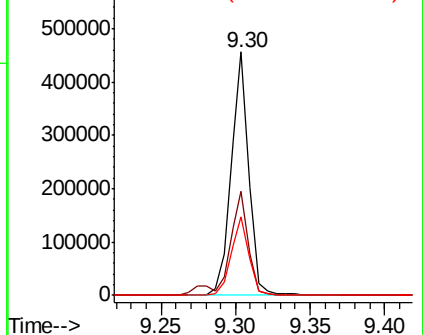


Abundance

Ion 162.00 (161.70 to 162.70): E

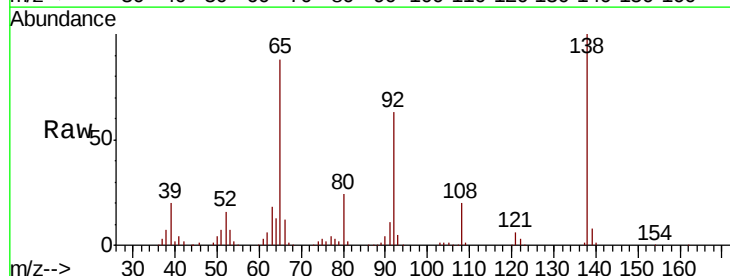
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48  
2-Nitroaniline  
Concen: 42.950 ng  
RT: 9.40 min Scan# 1243  
Delta R.T. 0.00 min  
Lab File: BF117019.D  
Acq: 13 Sep 2019 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 71.9  | 57.5  | 86.3  |
| 138     | 113.3 | 90.6  | 136.0 |

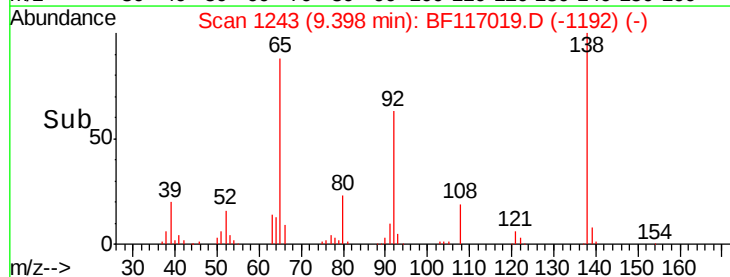
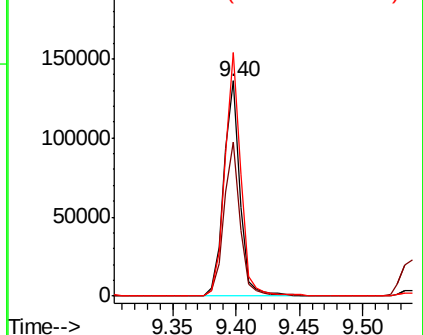


Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.235 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

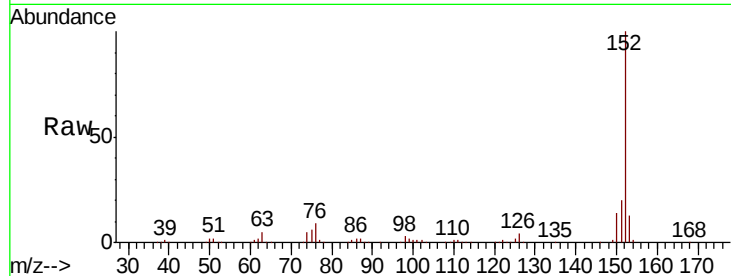
Tot Ion:152 Resp: 581041

Ion Ratio Lower Upper

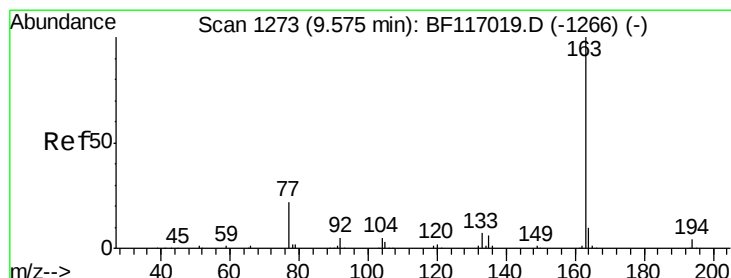
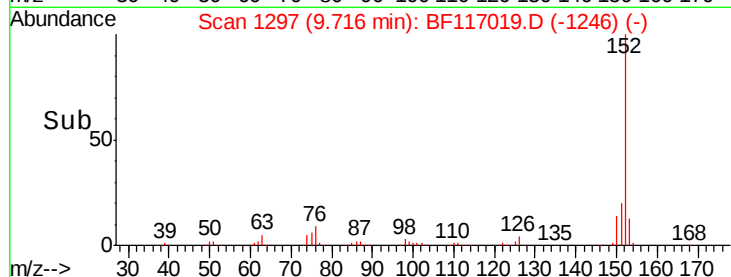
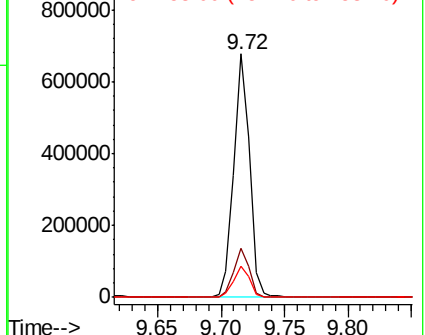
152 100

151 20.2 16.2 24.2

153 12.8 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.013 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

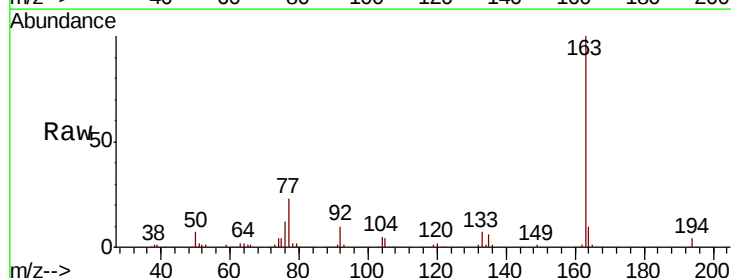
Tgt Ion:163 Resp: 439054

Ion Ratio Lower Upper

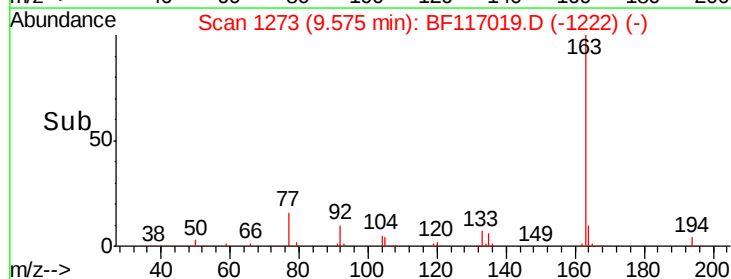
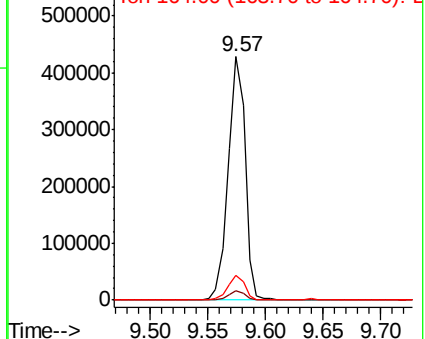
163 100

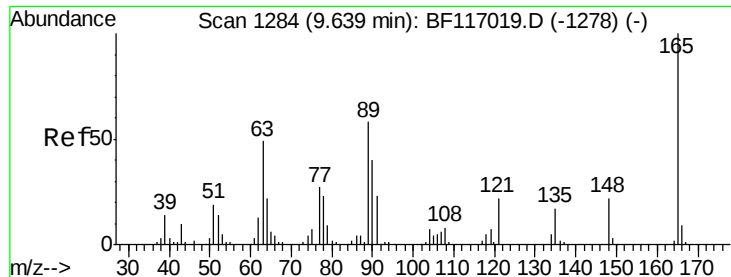
194 3.6 2.9 4.3

164 10.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

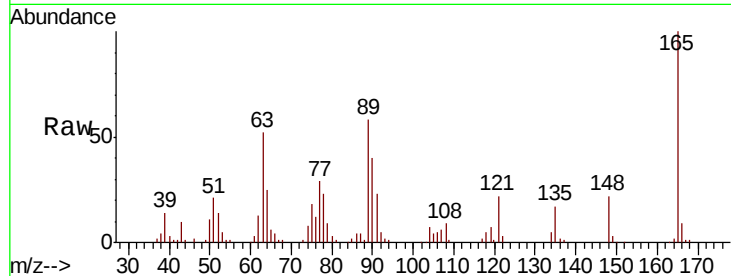




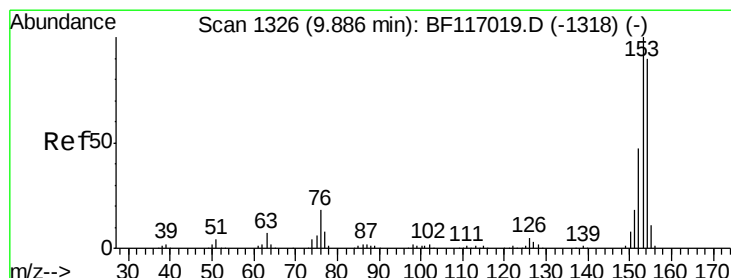
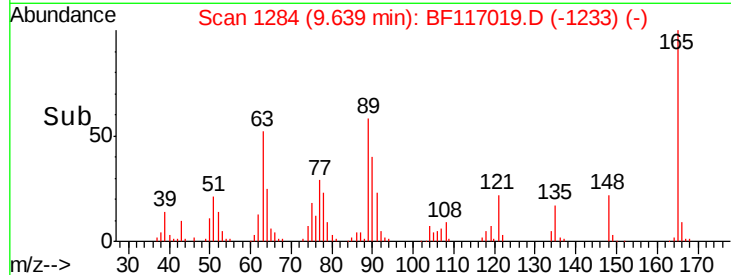
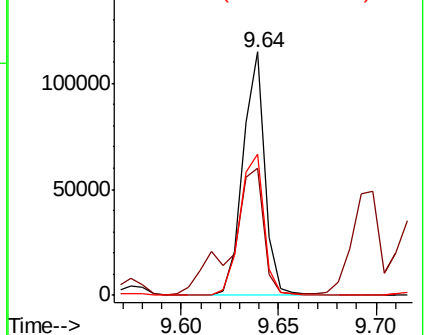
#51  
 2,6-Dinitrotoluene  
 Concen: 41.654 ng  
 RT: 9.64 min Scan# 1284  
 Delta R.T. 0.00 min  
 Lab File: BF117019.D  
 Acq: 13 Sep 2019 13:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

Tot Ion:165 Resp: 89439  
 Ion Ratio Lower Upper  
 165 100  
 63 52.3 41.8 62.8  
 89 58.1 46.5 69.7

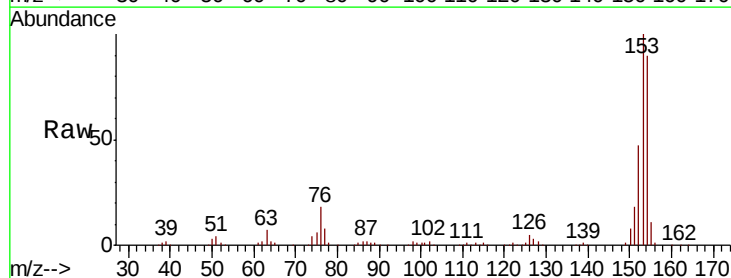


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1

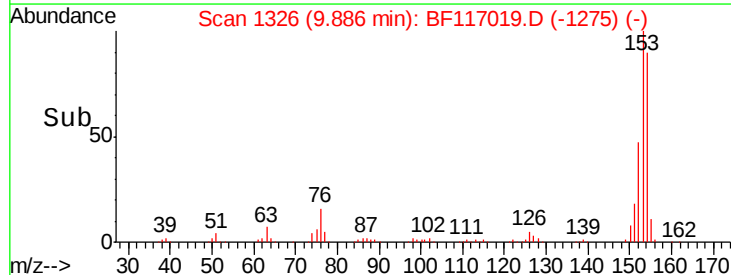
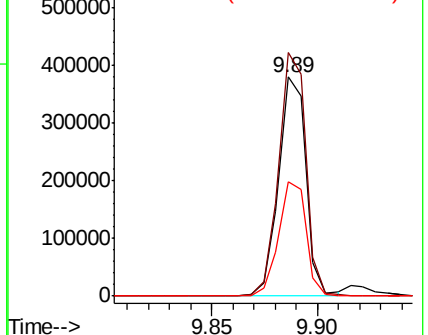


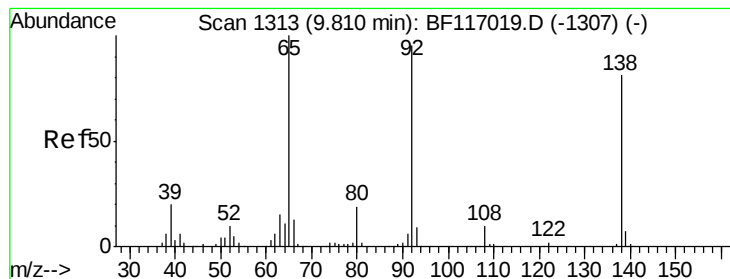
#52  
 Acenaphthene  
 Concen: 37.727 ng  
 RT: 9.89 min Scan# 1326  
 Delta R.T. 0.00 min  
 Lab File: BF117019.D  
 Acq: 13 Sep 2019 13:22

Tgt Ion:154 Resp: 343291  
 Ion Ratio Lower Upper  
 154 100  
 153 111.3 89.0 133.6  
 152 52.4 41.9 62.9



Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 42.485 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

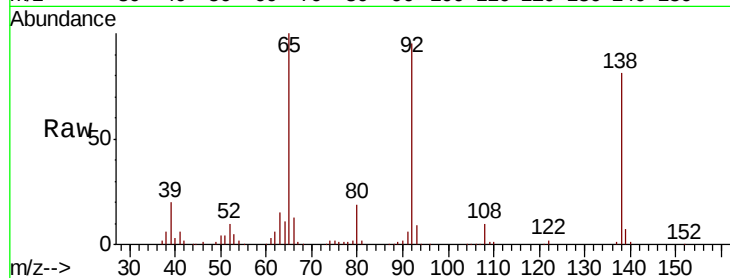
Tot Ion:138 Resp: 114323

Ion Ratio Lower Upper

138 100

108 11.9 9.5 14.3

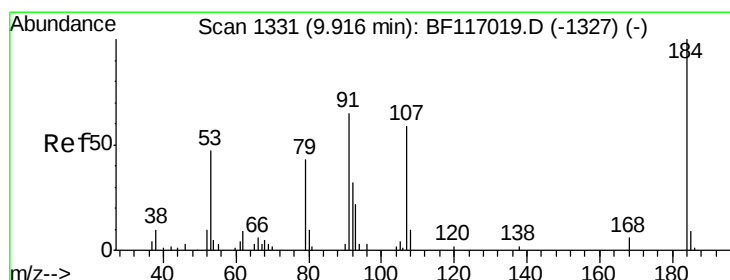
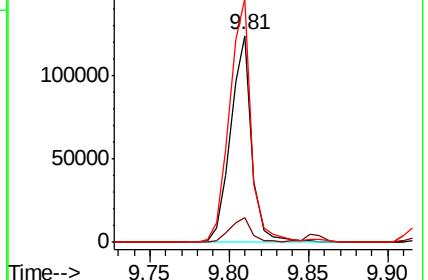
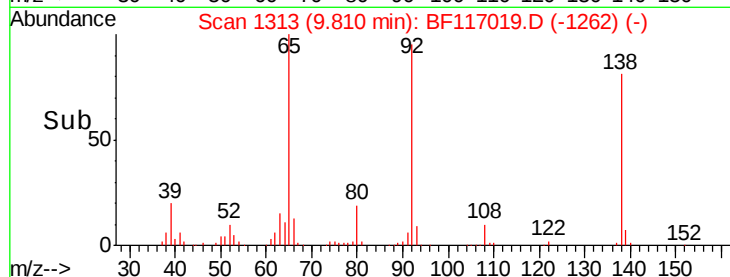
92 117.6 94.1 141.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 48.027 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

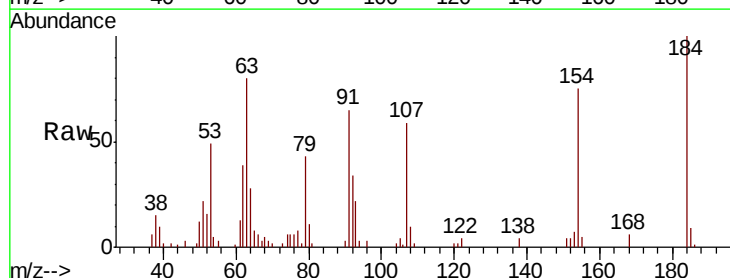
Tgt Ion:184 Resp: 30296

Ion Ratio Lower Upper

184 100

63 79.7 63.8 95.6

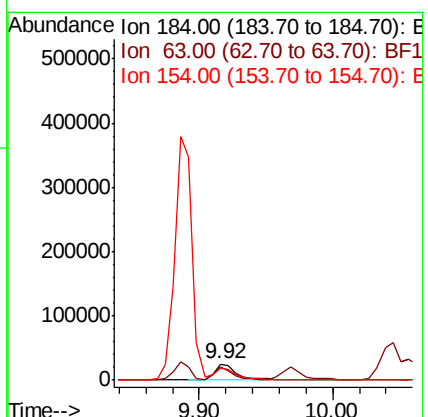
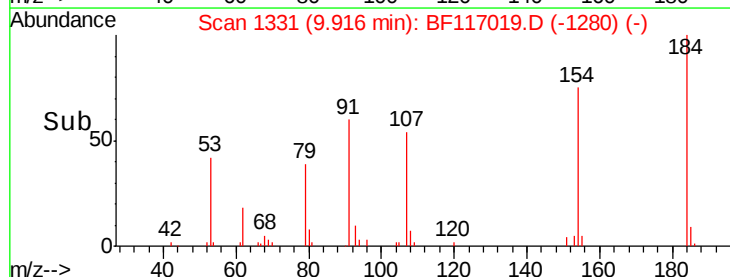
154 75.5 60.4 90.6

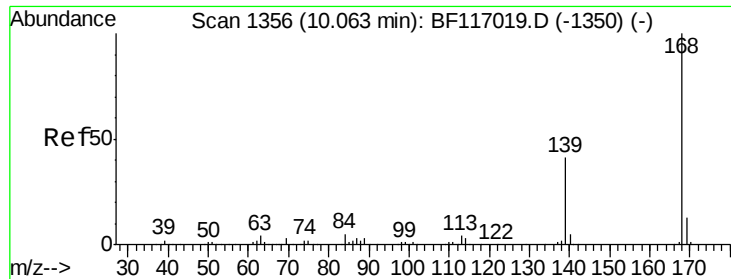


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

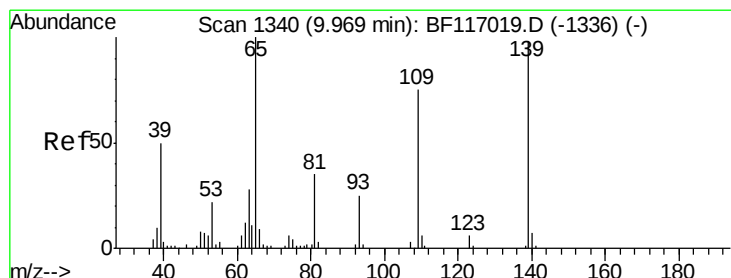
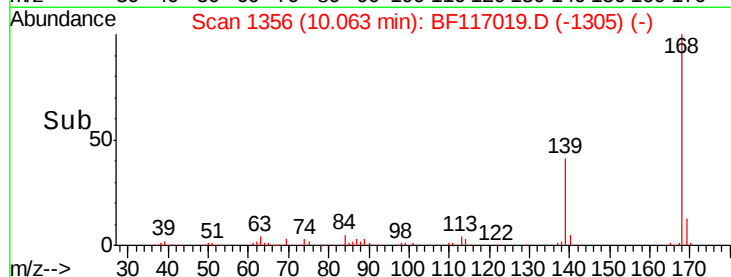
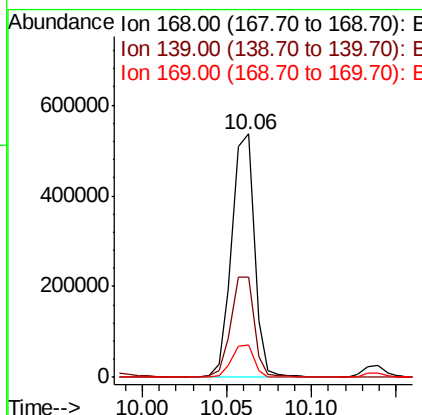
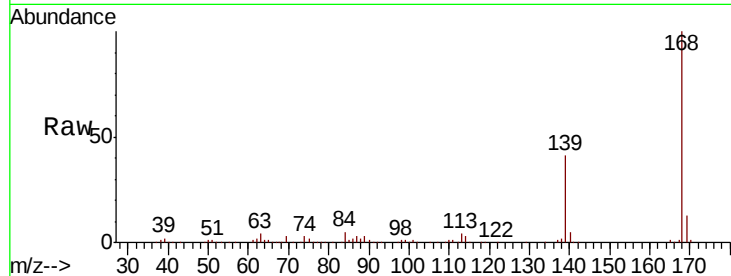




#55  
Dibenzenofuran  
Concen: 39.343 ng  
RT: 10.06 min Scan# 1356  
Delta R.T. 0.00 min  
Lab File: BF117019.D  
Acq: 13 Sep 2019 13:22

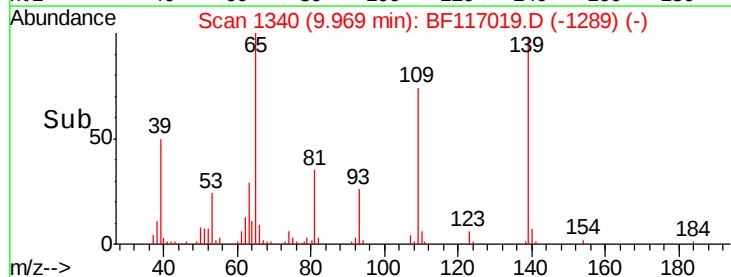
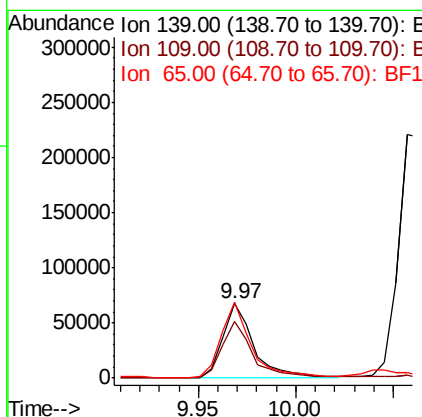
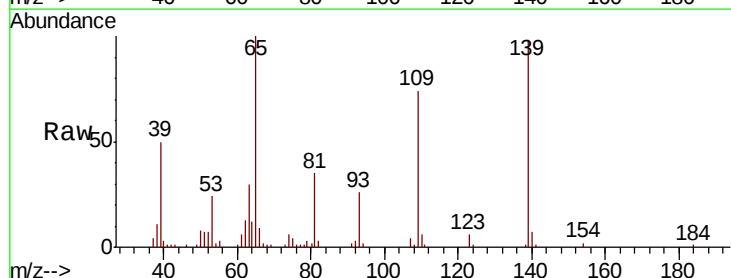
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tot Ion:168 Resp: 504674  
Ion Ratio Lower Upper  
168 100  
139 41.0 32.8 49.2  
169 13.1 10.5 15.7



#56  
4-Nitrophenol  
Concen: 40.464 ng  
RT: 9.97 min Scan# 1340  
Delta R.T. 0.00 min  
Lab File: BF117019.D  
Acq: 13 Sep 2019 13:22

Tgt Ion:139 Resp: 74659  
Ion Ratio Lower Upper  
139 100  
109 76.4 56.4 96.4  
65 102.5 82.5 122.5

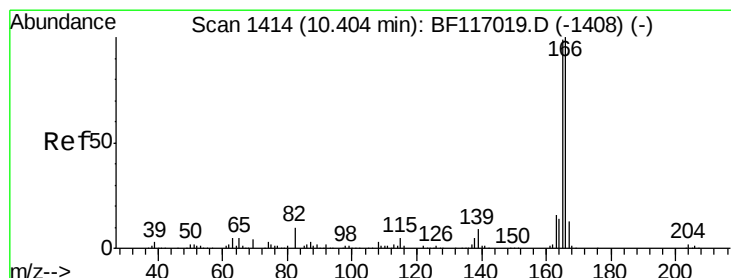
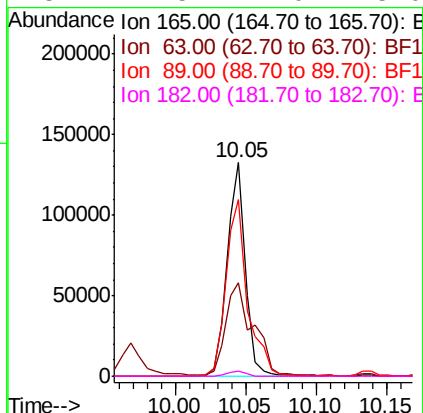
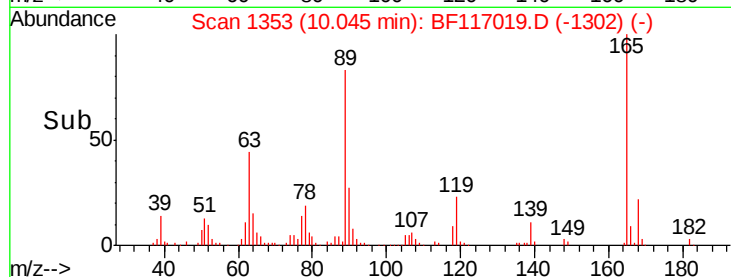
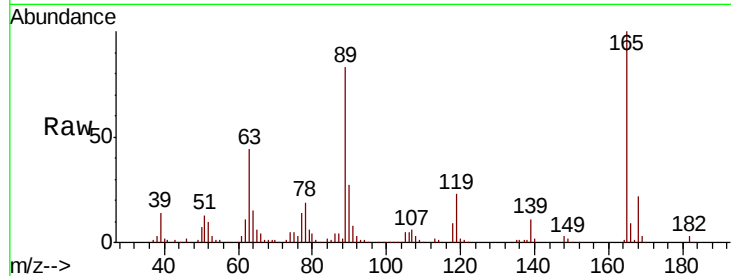




#57  
 2,4-Dinitrotoluene  
 Concen: 45.370 ng  
 RT: 10.05 min Scan# 1353  
 Delta R.T. 0.00 min  
 Lab File: BF117019.D  
 Acq: 13 Sep 2019 13:22

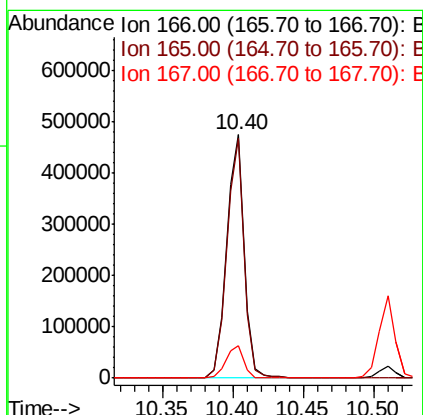
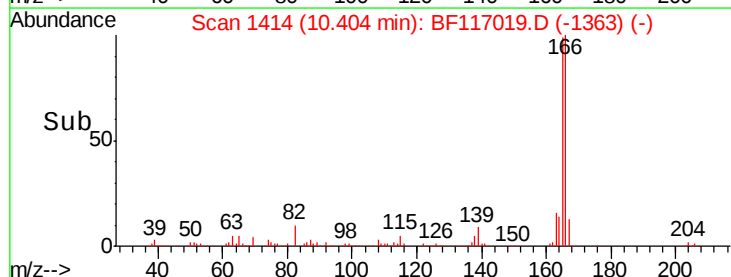
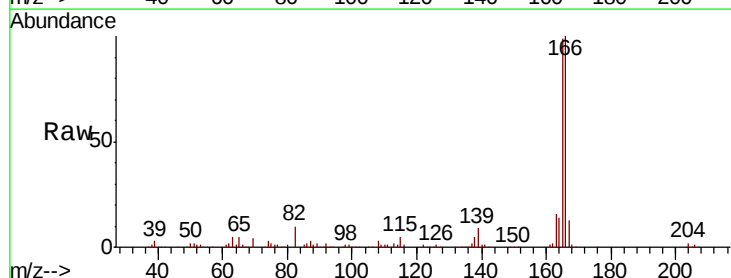
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

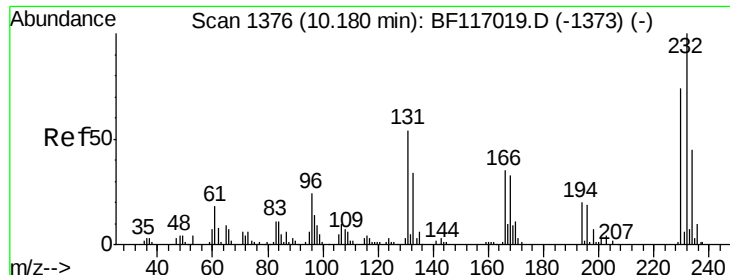
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:165 | Resp: | 119119      |
| Ion         | Ratio | Lower Upper |
| 165         | 100   |             |
| 63          | 43.7  | 35.0 52.4   |
| 89          | 82.6  | 66.1 99.1   |
| 182         | 2.5   | 2.0 3.0     |



#58  
 Fluorene  
 Concen: 41.746 ng  
 RT: 10.40 min Scan# 1414  
 Delta R.T. 0.00 min  
 Lab File: BF117019.D  
 Acq: 13 Sep 2019 13:22

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:166 | Resp: | 408032      |
| Ion         | Ratio | Lower Upper |
| 166         | 100   |             |
| 165         | 98.6  | 78.9 118.3  |
| 167         | 13.2  | 10.6 15.8   |





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.768 ng

RT: 10.18 min Scan# 1376

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tot Ion:232 Resp: 91857

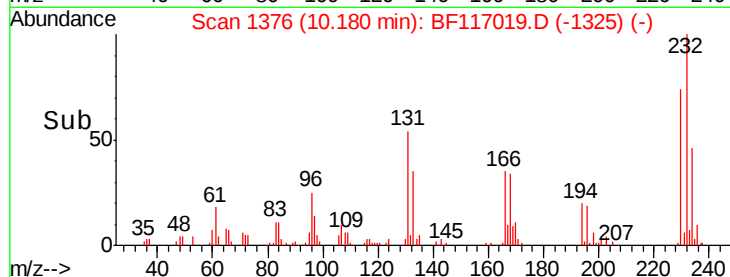
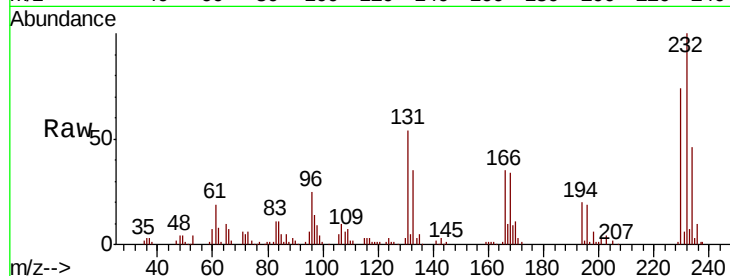
Ion Ratio Lower Upper

232 100

131 56.6 45.3 67.9

130 2.3 1.8 2.8

166 36.8 29.4 44.2

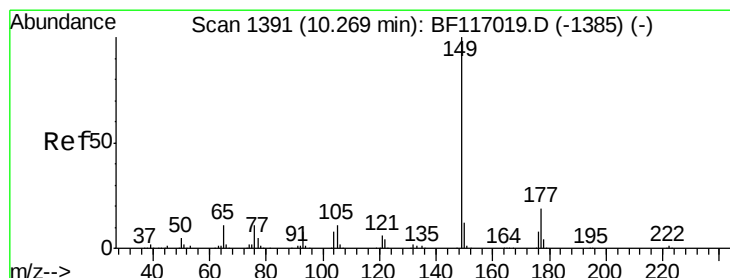
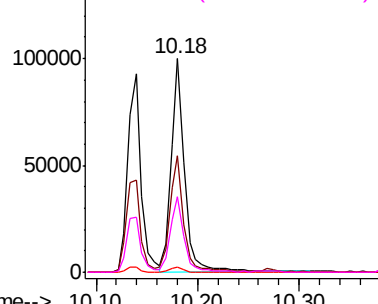


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 38.586 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

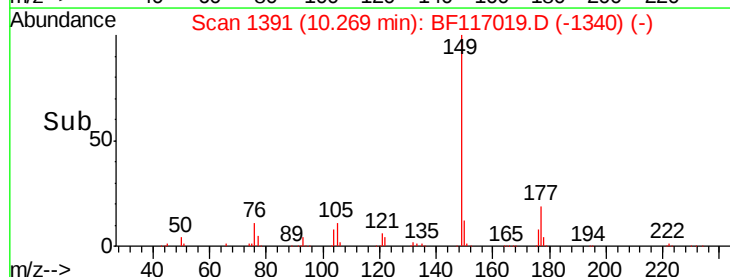
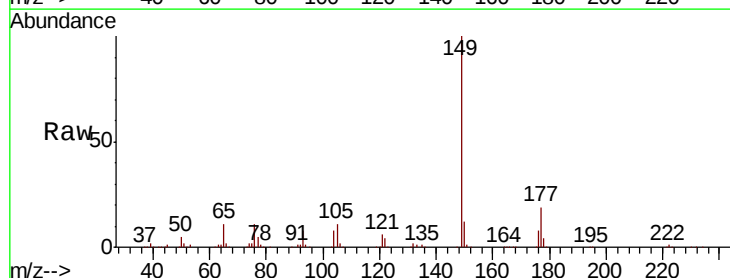
Tgt Ion:149 Resp: 434991

Ion Ratio Lower Upper

149 100

177 19.0 15.2 22.8

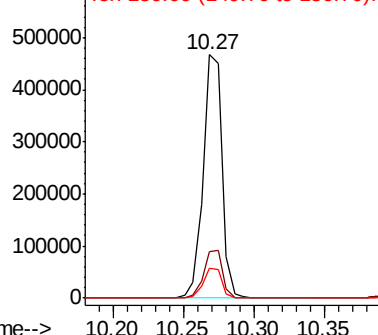
150 12.4 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

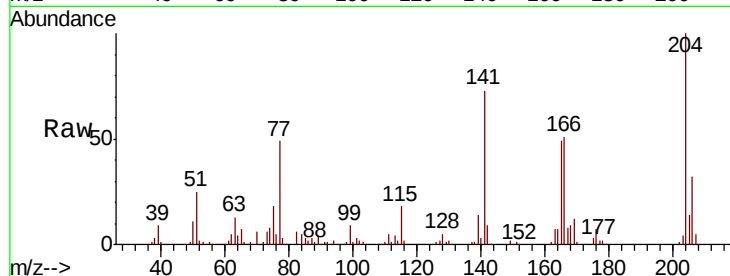




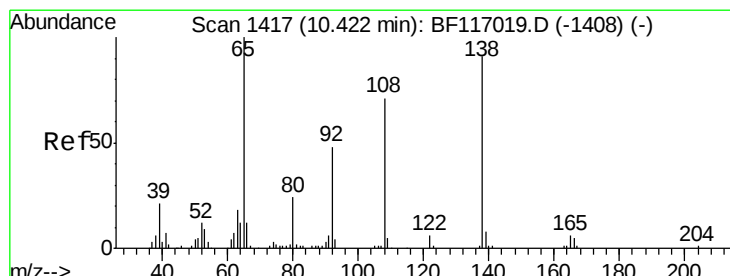
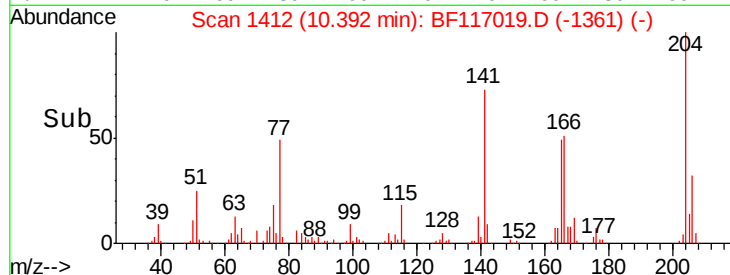
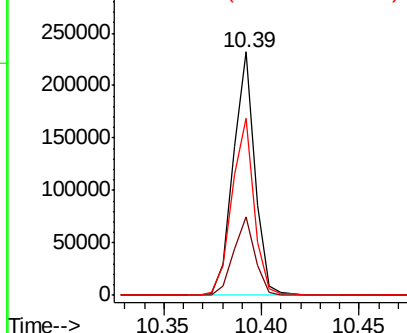
#61  
4-Chlorophenyl-phenylether  
Concen: 41.782 ng  
RT: 10.39 min Scan# 1412  
Delta R.T. 0.00 min  
Lab File: BF117019.D  
Acq: 13 Sep 2019 13:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tot Ion:204 Resp: 178829  
Ion Ratio Lower Upper  
204 100  
206 32.5 26.0 39.0  
141 72.7 58.2 87.2

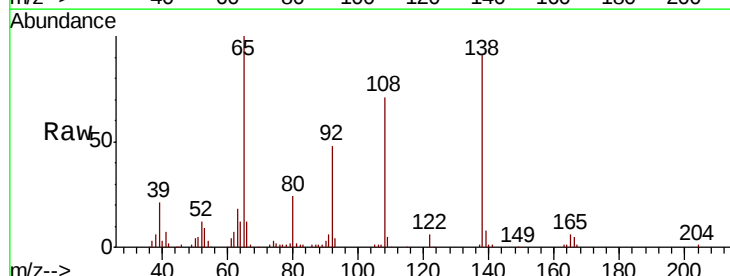


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

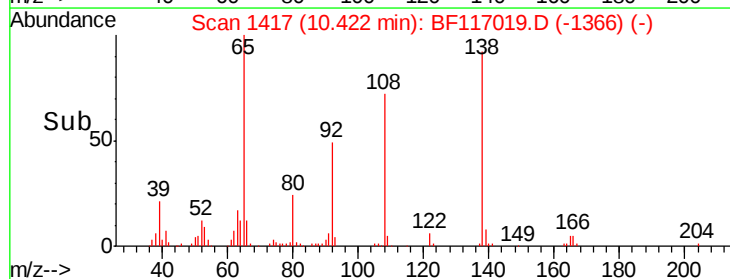
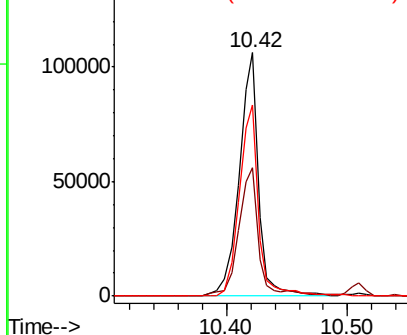


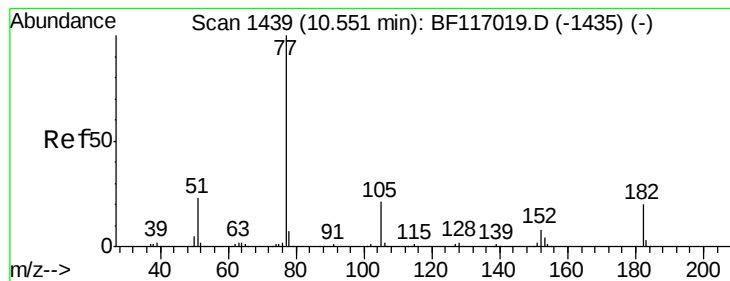
#62  
4-Nitroaniline  
Concen: 45.708 ng  
RT: 10.42 min Scan# 1417  
Delta R.T. 0.00 min  
Lab File: BF117019.D  
Acq: 13 Sep 2019 13:22

Tgt Ion:138 Resp: 119363  
Ion Ratio Lower Upper  
138 100  
92 52.9 32.9 72.9  
108 78.3 58.3 98.3



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF1  
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 37.640 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tot Ion: 77 Resp: 442450

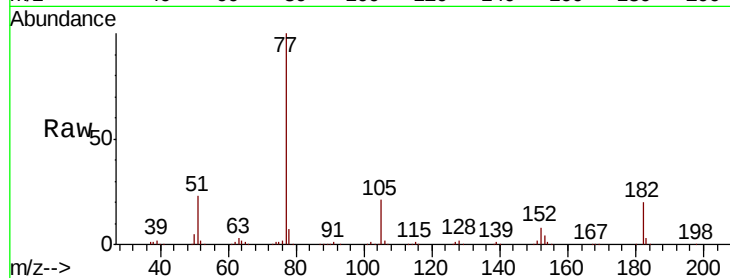
Ion Ratio Lower Upper

77 100

182 20.4 0.4 40.4

105 20.9 0.9 40.9

51 22.8 2.8 42.8

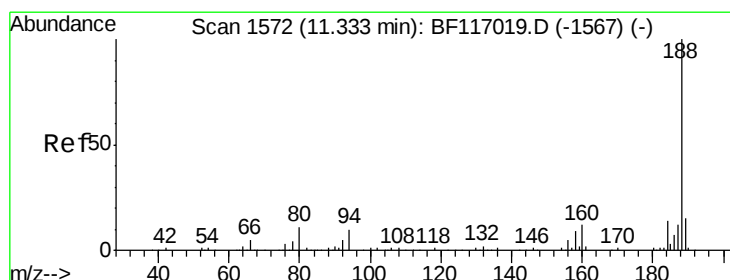
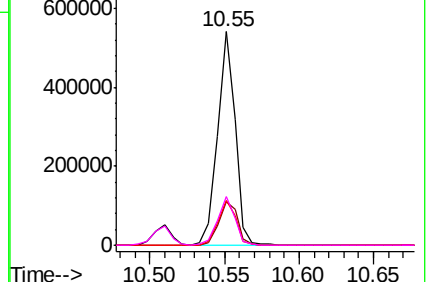
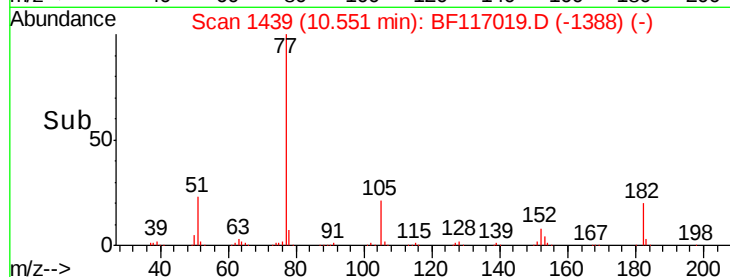


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

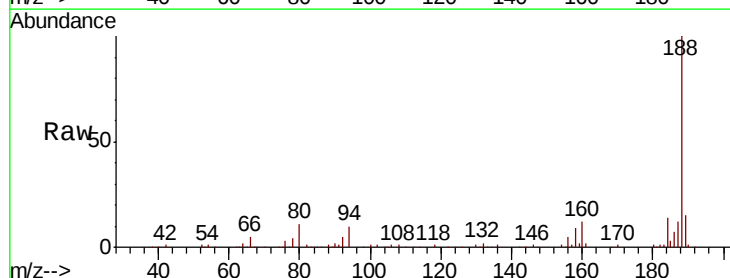
Tgt Ion: 188 Resp: 273975

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.2

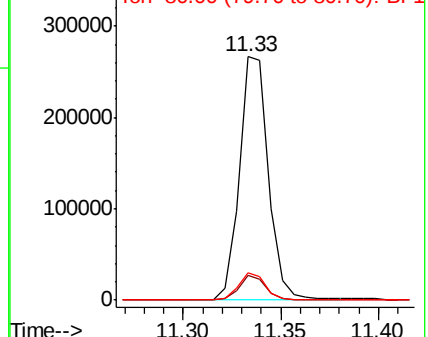
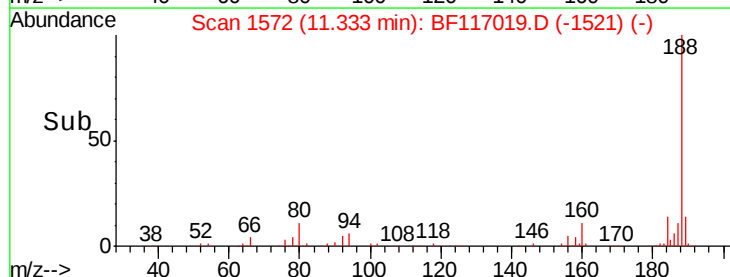
80 11.3 9.0 13.6

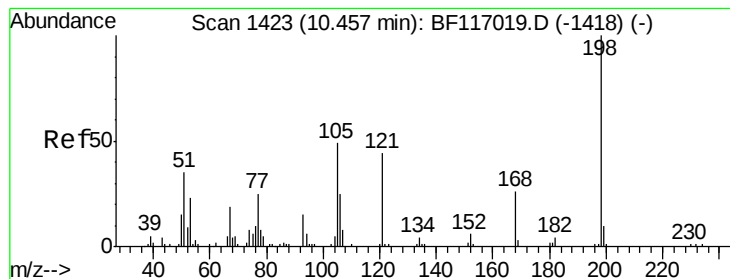


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 45.970 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

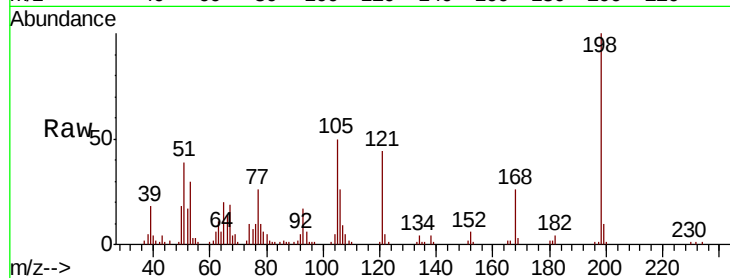
Tot Ion:198 Resp: 42535

Ion Ratio Lower Upper

198 100

51 38.7 18.7 58.7

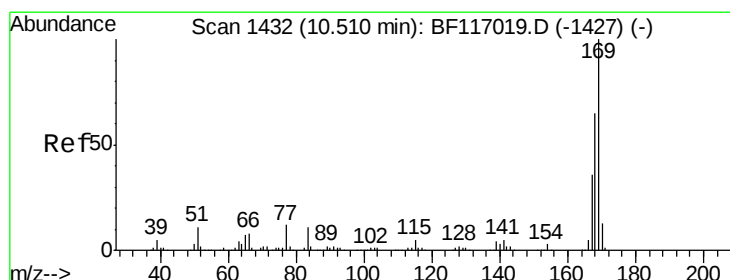
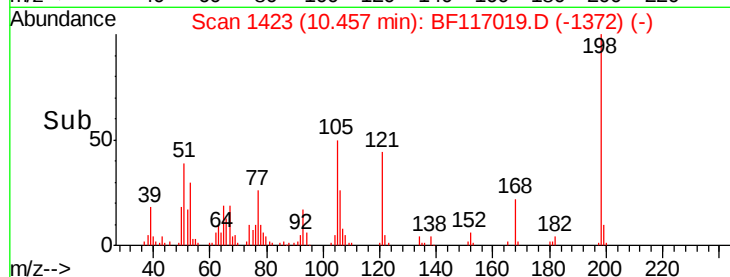
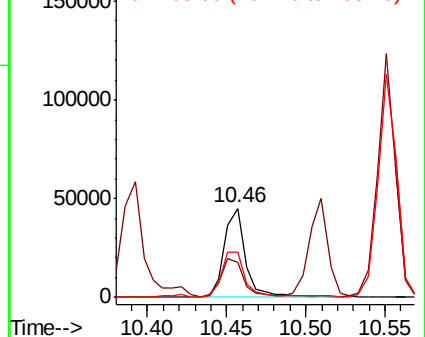
105 50.2 30.2 70.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.095 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

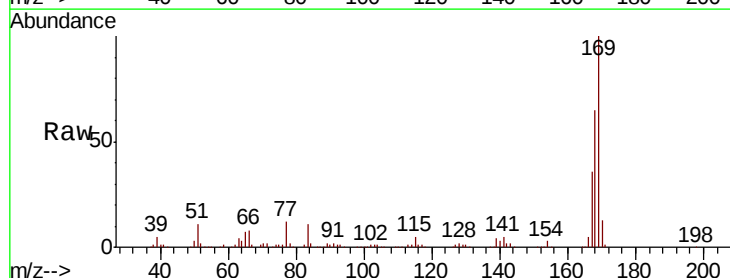
Tgt Ion:169 Resp: 351576

Ion Ratio Lower Upper

169 100

168 65.2 52.2 78.2

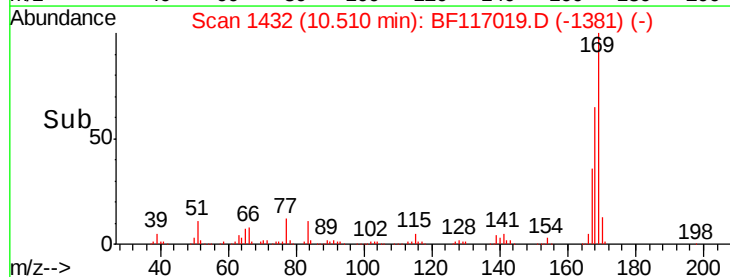
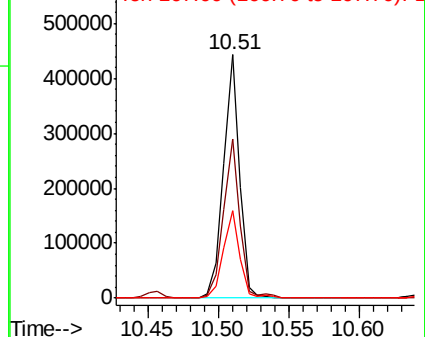
167 36.0 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

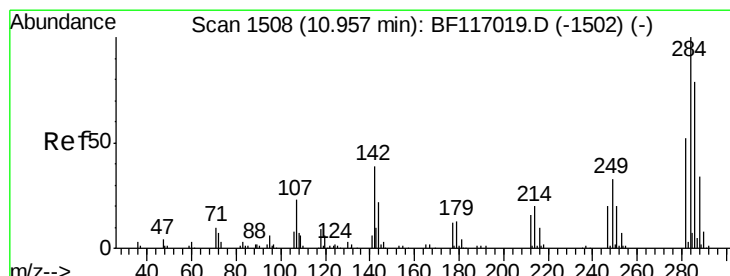
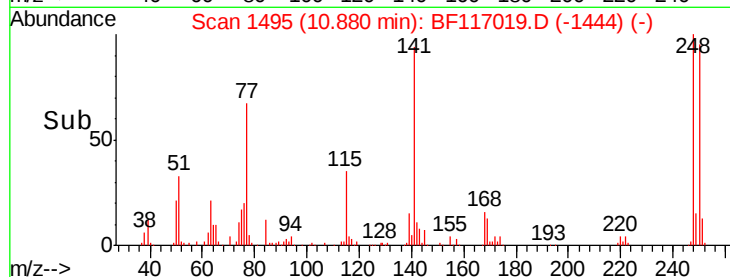
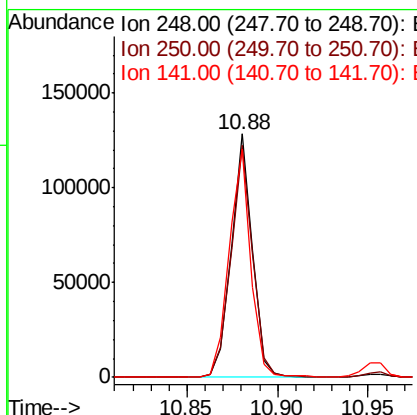
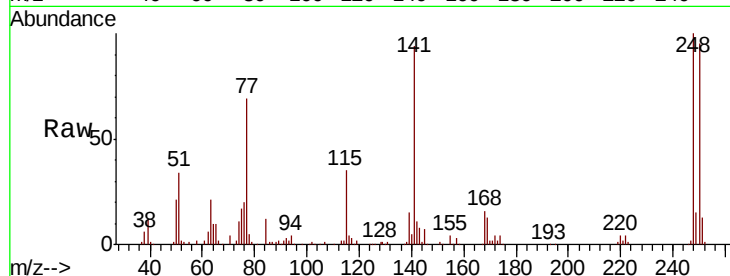




#67  
 4-Bromophenyl-phenylether  
 Concen: 37.593 ng  
 RT: 10.88 min Scan# 1495  
 Delta R.T. 0.00 min  
 Lab File: BF117019.D  
 Acq: 13 Sep 2019 13:22

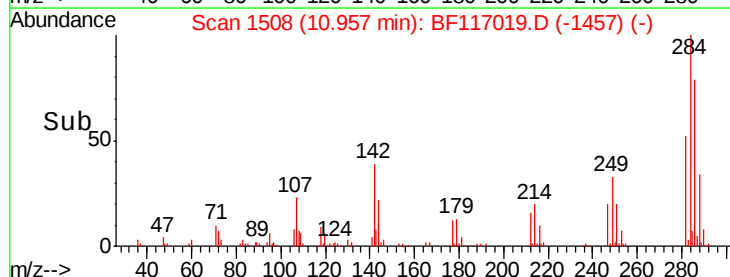
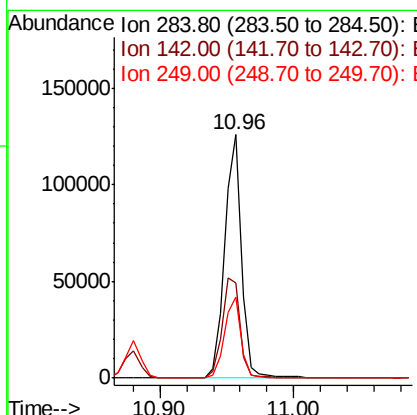
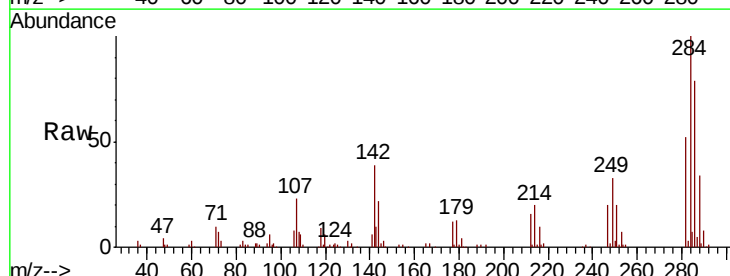
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

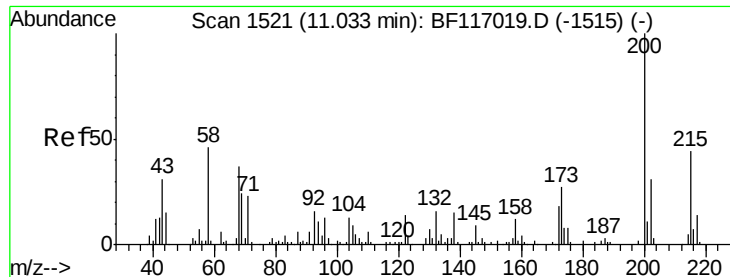
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 248   | Resp: | 104631 |
| Ion      | Ratio | Lower | Upper  |
| 248      | 100   |       |        |
| 250      | 95.3  | 76.2  | 114.4  |
| 141      | 93.7  | 75.0  | 112.4  |



#68  
 Hexachlorobenzene  
 Concen: 38.585 ng  
 RT: 10.96 min Scan# 1508  
 Delta R.T. 0.00 min  
 Lab File: BF117019.D  
 Acq: 13 Sep 2019 13:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 284   | Resp: | 112358 |
| Ion      | Ratio | Lower | Upper  |
| 284      | 100   |       |        |
| 142      | 39.3  | 31.4  | 47.2   |
| 249      | 33.1  | 26.5  | 39.7   |

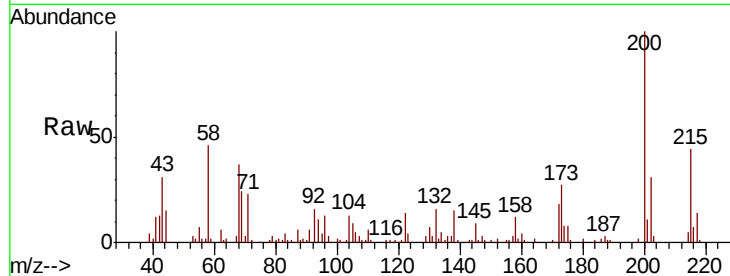




#69  
 Atrazine  
 Concen: 35.632 ng  
 RT: 11.03 min Scan# 1521  
 Delta R.T. 0.00 min  
 Lab File: BF117019.D  
 Acq: 13 Sep 2019 13:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.9  | 6.9   | 46.9  |
| 215     | 43.8  | 23.8  | 63.8  |

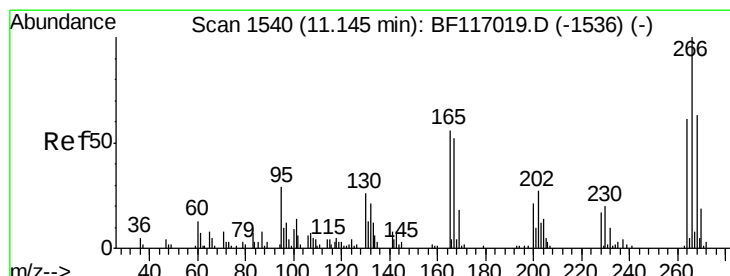
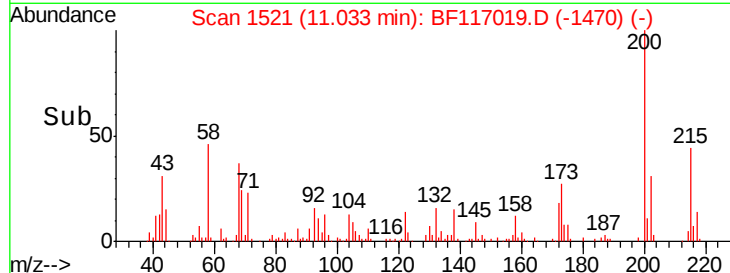
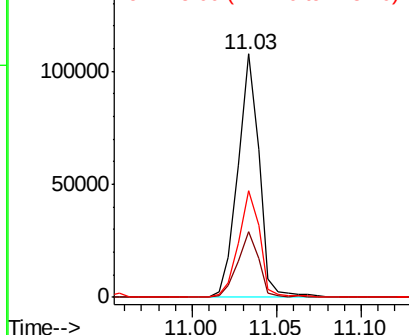


Abundance

Ion 200.00 (199.70 to 200.70): E

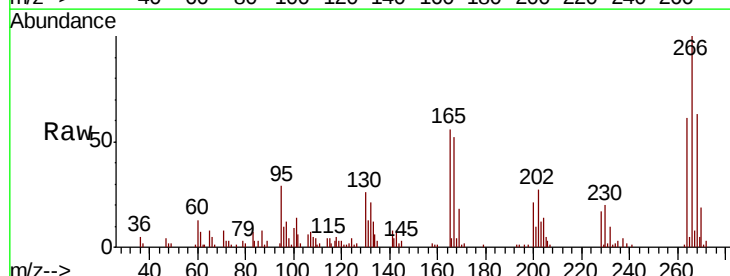
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
 Pentachlorophenol  
 Concen: 38.395 ng  
 RT: 11.15 min Scan# 1540  
 Delta R.T. 0.00 min  
 Lab File: BF117019.D  
 Acq: 13 Sep 2019 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.1  | 50.5  | 75.7  |
| 264     | 61.0  | 48.8  | 73.2  |

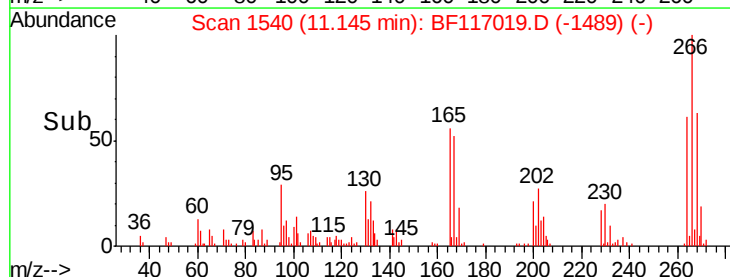
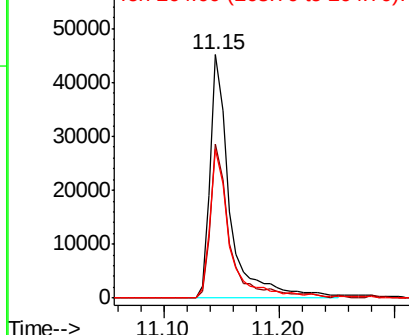


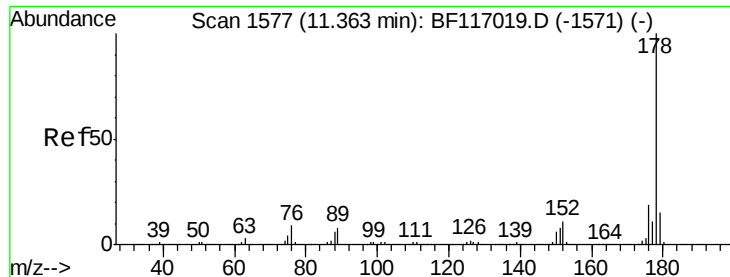
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

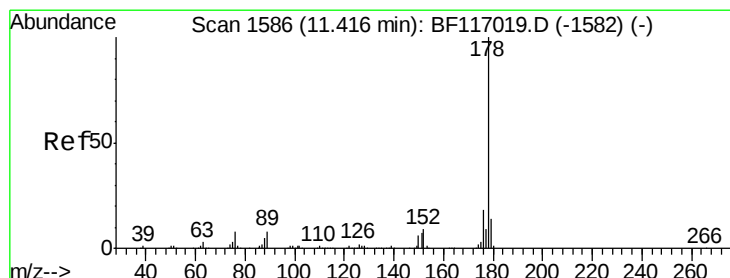
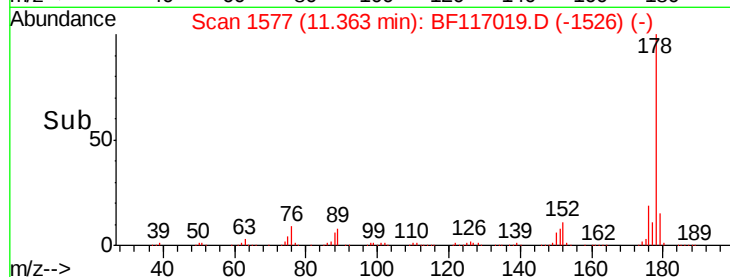
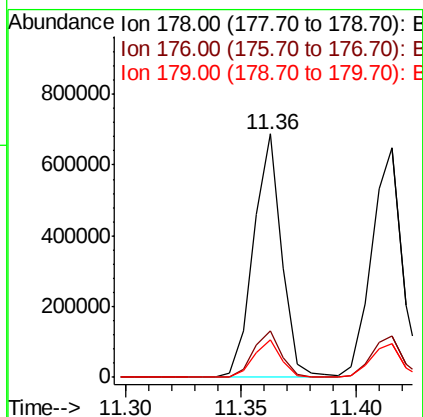
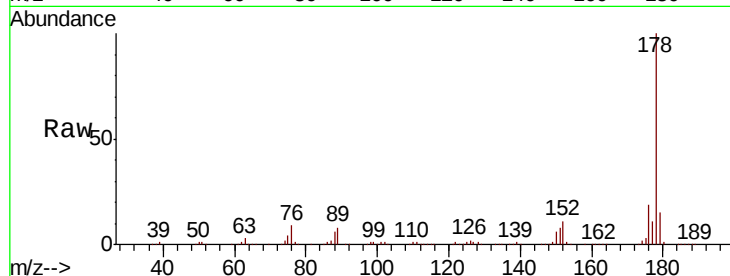




#71  
Phenanthrene  
Concen: 38.559 ng  
RT: 11.36 min Scan# 1577  
Delta R.T. 0.00 min  
Lab File: BF117019.D  
Acq: 13 Sep 2019 13:22

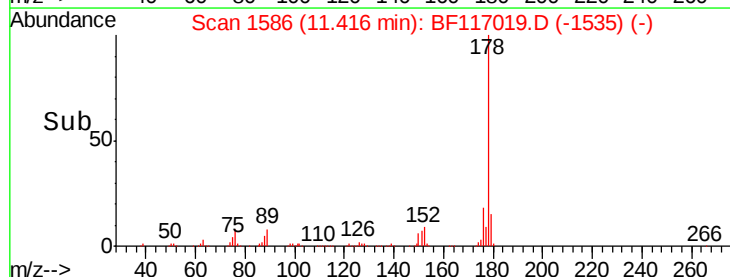
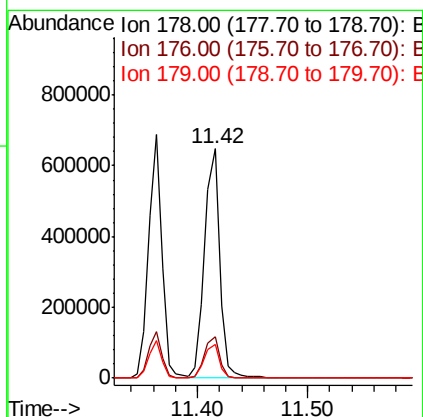
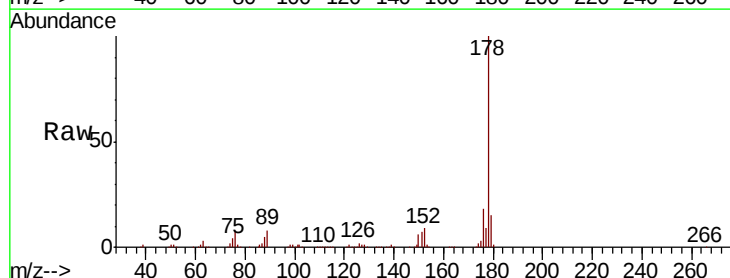
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.3  | 15.4  | 23.2  |
| 179     | 15.5  | 12.4  | 18.6  |



#72  
Anthracene  
Concen: 39.197 ng  
RT: 11.42 min Scan# 1586  
Delta R.T. 0.00 min  
Lab File: BF117019.D  
Acq: 13 Sep 2019 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.2  | 14.6  | 21.8  |
| 179     | 14.5  | 11.6  | 17.4  |

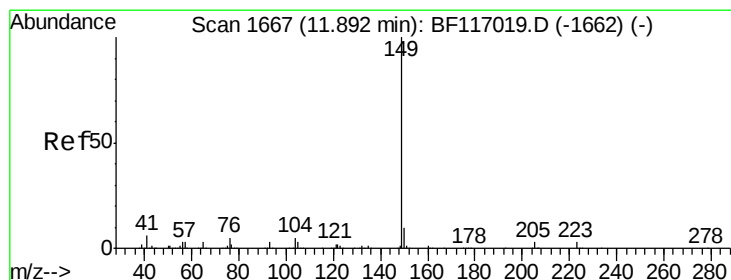
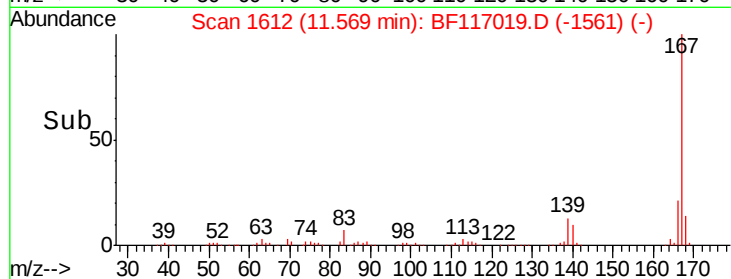
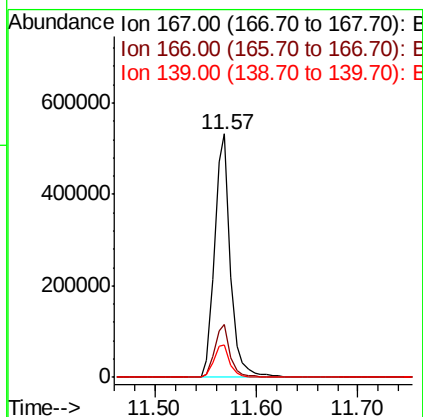
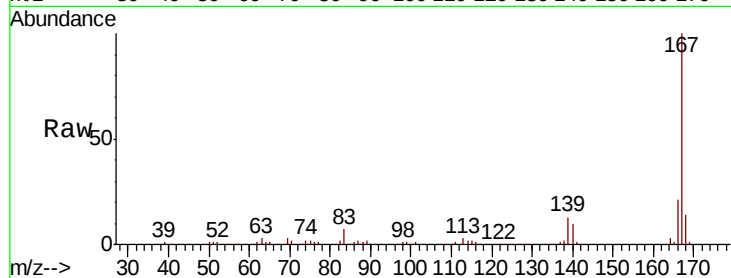




#73  
 Carbazole  
 Concen: 39.429 ng  
 RT: 11.57 min Scan# 1612  
 Delta R.T. 0.00 min  
 Lab File: BF117019.D  
 Acq: 13 Sep 2019 13:22

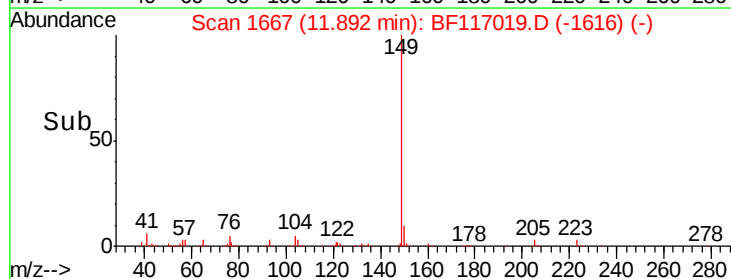
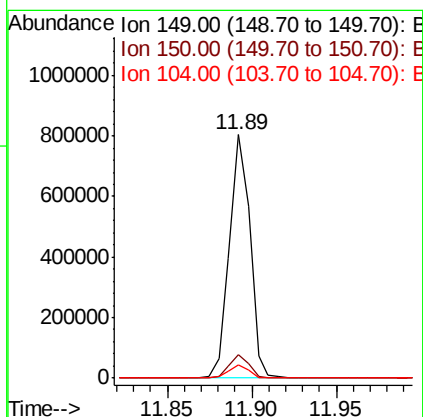
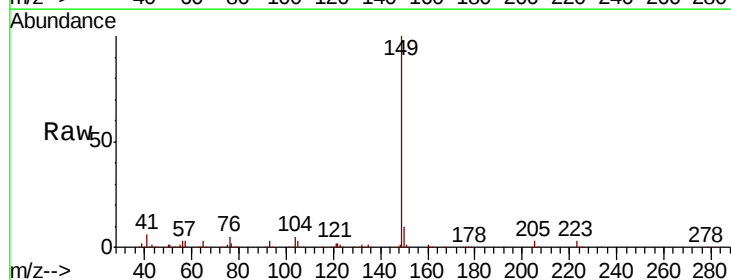
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

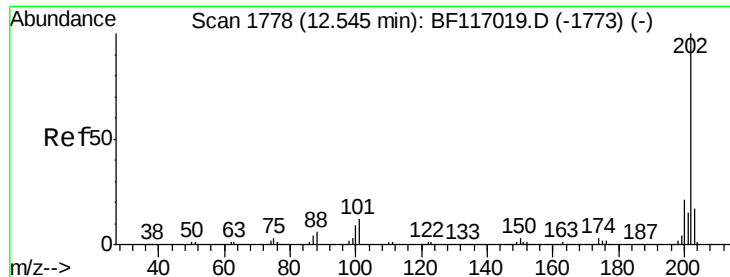
Tot Ion:167 Resp: 576614  
 Ion Ratio Lower Upper  
 167 100  
 166 21.5 17.2 25.8  
 139 13.3 10.6 16.0



#74  
 Di-n-butylphthalate  
 Concen: 36.447 ng  
 RT: 11.89 min Scan# 1667  
 Delta R.T. 0.00 min  
 Lab File: BF117019.D  
 Acq: 13 Sep 2019 13:22

Tgt Ion:149 Resp: 683305  
 Ion Ratio Lower Upper  
 149 100  
 150 9.6 7.7 11.5  
 104 5.3 4.2 6.4

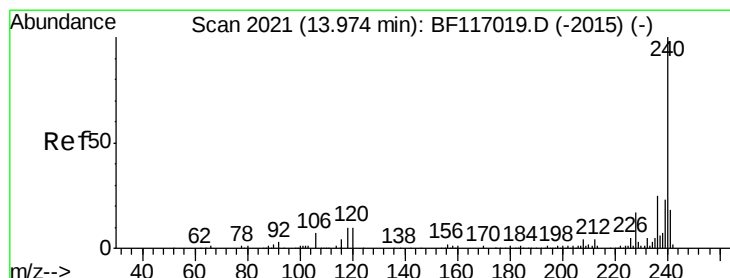
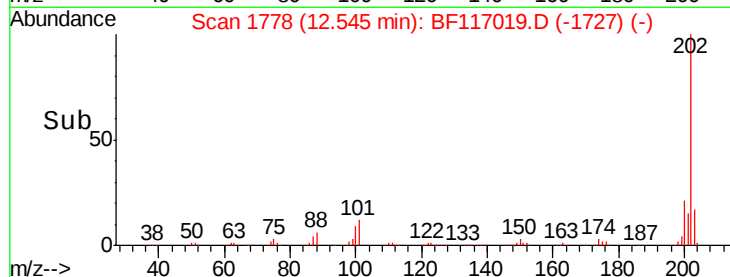
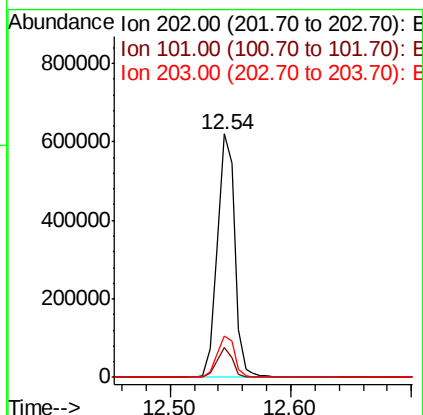
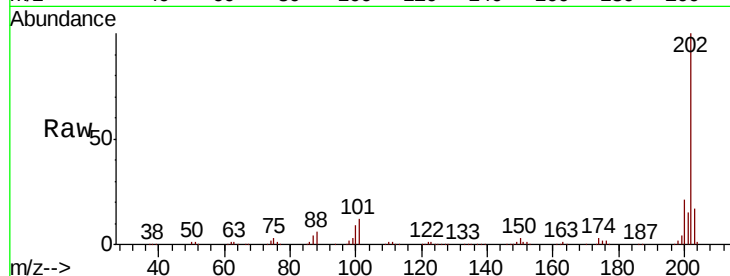




#75  
 Fluoranthene  
 Concen: 40.775 ng  
 RT: 12.54 min Scan# 1778  
 Delta R.T. 0.00 min  
 Lab File: BF117019.D  
 Acq: 13 Sep 2019 13:22

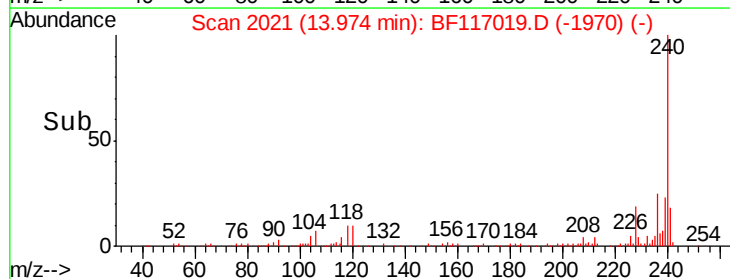
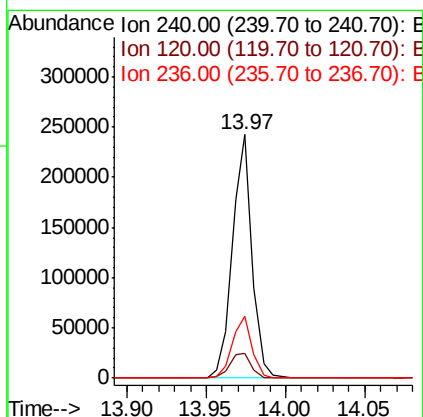
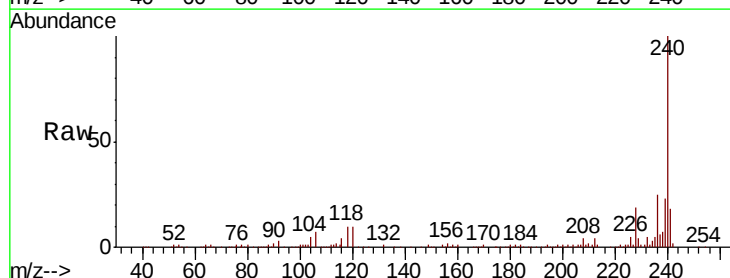
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

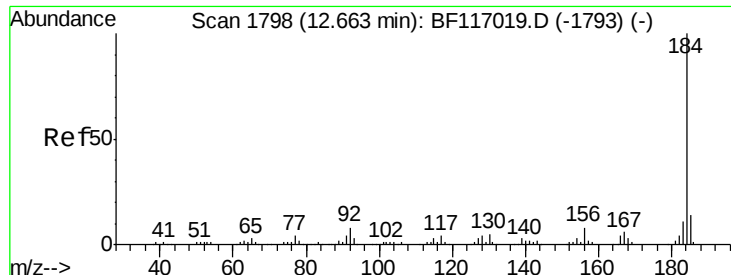
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 12.3  | 0.0   | 32.3  |
| 203     | 17.1  | 0.0   | 37.1  |



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.97 min Scan# 2021  
 Delta R.T. 0.00 min  
 Lab File: BF117019.D  
 Acq: 13 Sep 2019 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.4  | 8.3   | 12.5  |
| 236     | 25.4  | 20.3  | 30.5  |





#77

Benzidine

Concen: 31.497 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

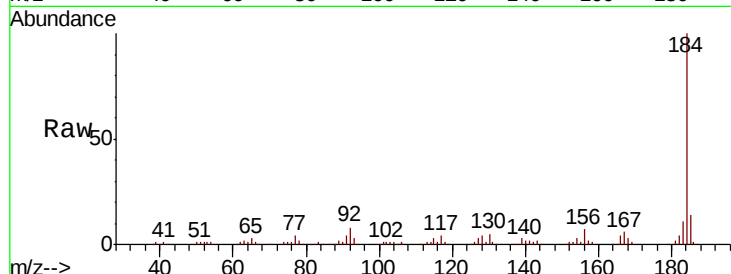
Tot Ion:184 Resp: 255628

Ion Ratio Lower Upper

184 100

185 14.5 11.6 17.4

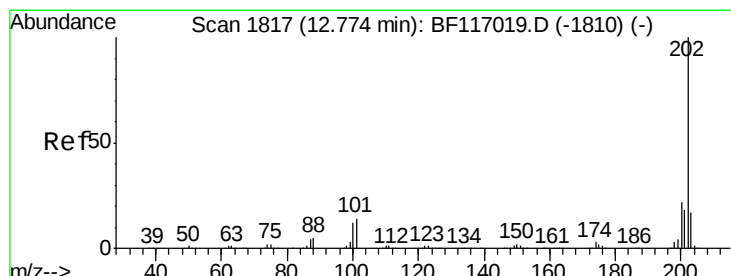
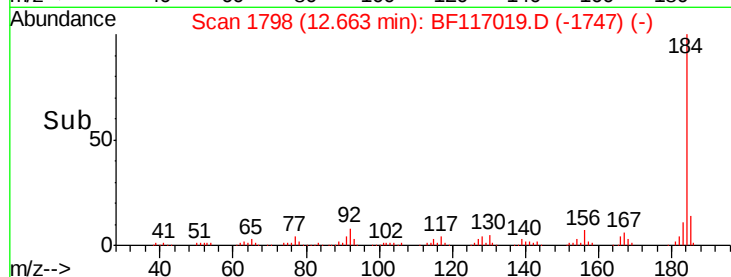
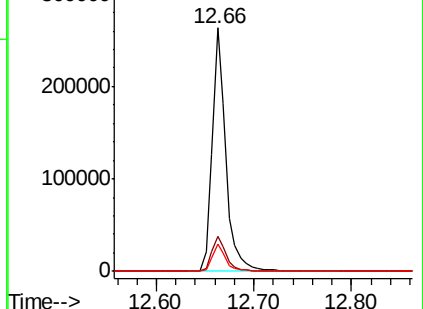
183 11.2 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 33.580 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

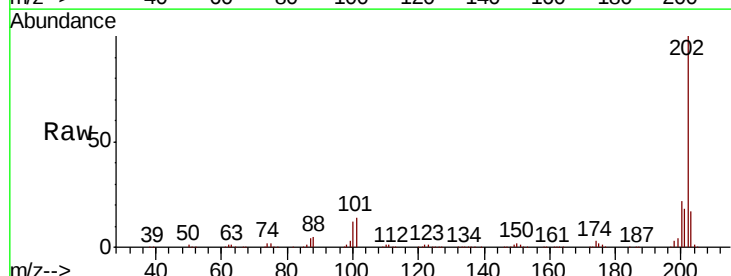
Tgt Ion:202 Resp: 617649

Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

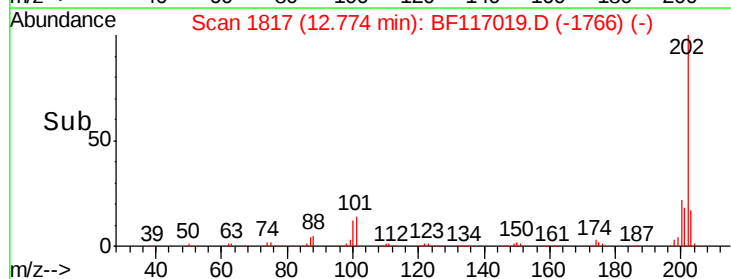
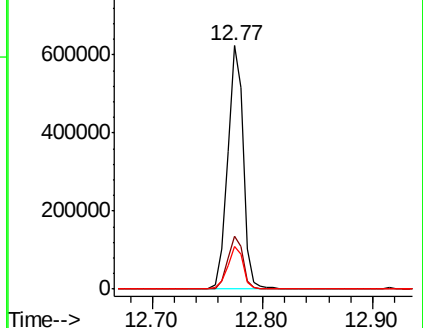
203 17.5 14.0 21.0

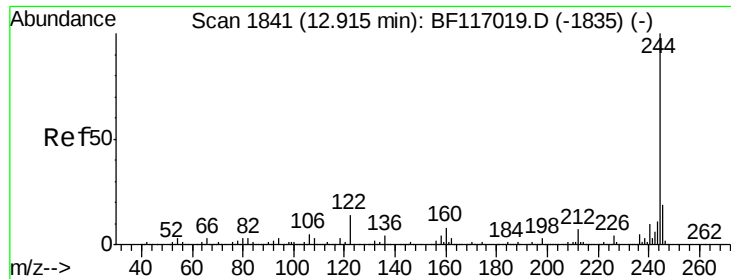


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

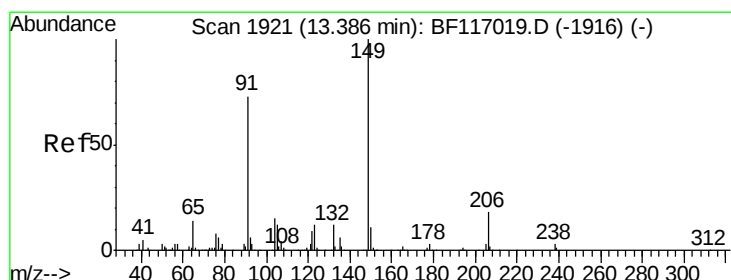
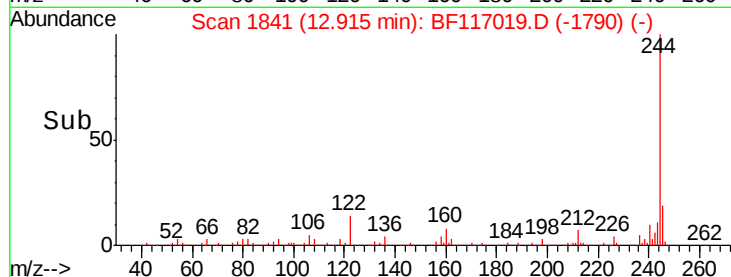
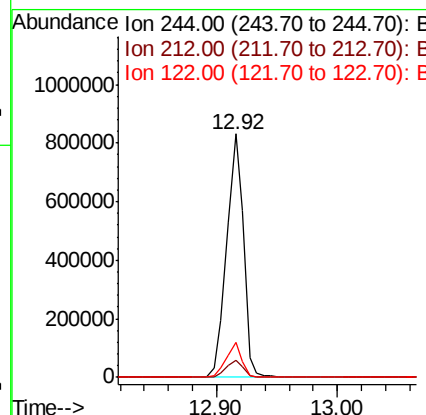
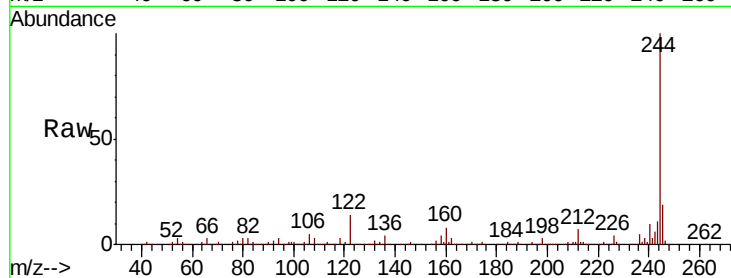




#79  
 Terphenyl-d14  
 Concen: 71.258 ng  
 RT: 12.92 min Scan# 1841  
 Delta R.T. 0.00 min  
 Lab File: BF117019.D  
 Acq: 13 Sep 2019 13:22

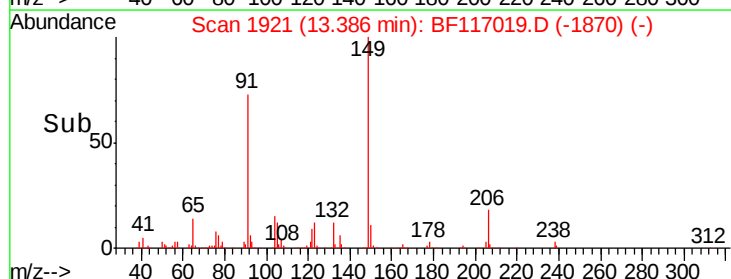
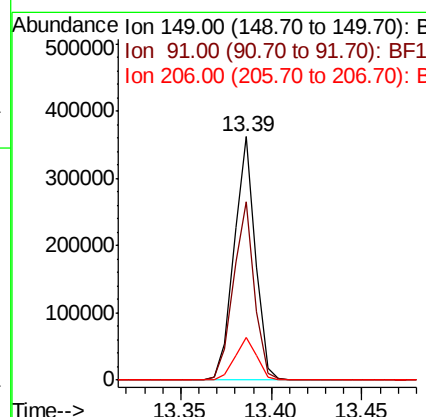
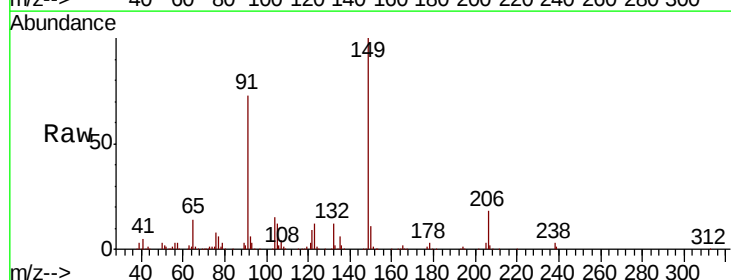
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

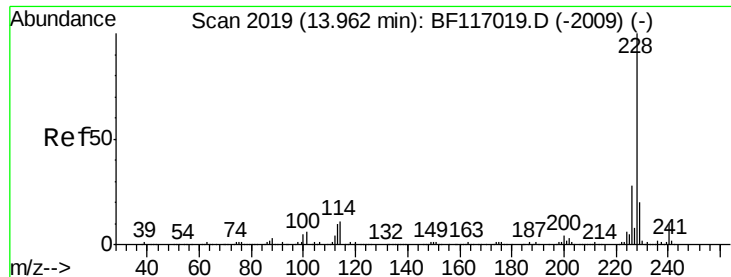
Tot Ion:244 Resp: 797030  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.8 8.8  
 122 14.1 11.3 16.9



#80  
 Butylbenzylphthalate  
 Concen: 33.111 ng  
 RT: 13.39 min Scan# 1921  
 Delta R.T. 0.00 min  
 Lab File: BF117019.D  
 Acq: 13 Sep 2019 13:22

Tgt Ion:149 Resp: 296172  
 Ion Ratio Lower Upper  
 149 100  
 91 73.5 58.8 88.2  
 206 17.6 14.1 21.1

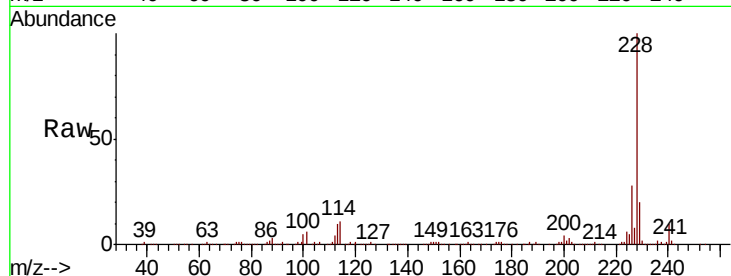




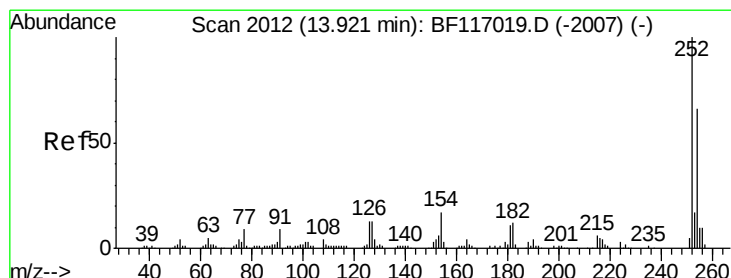
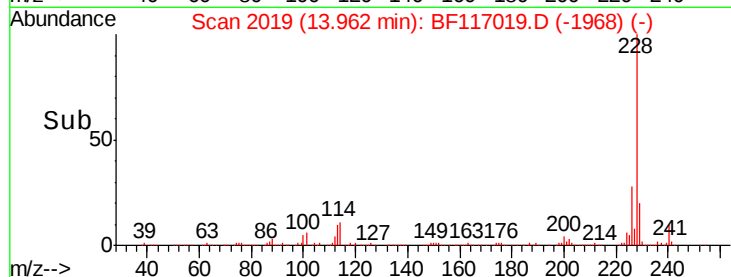
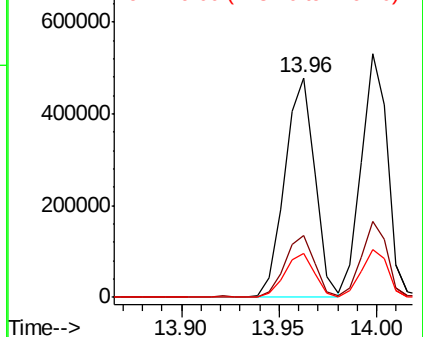
#81  
Benzo(a)anthracene  
Concen: 39.072 ng  
RT: 13.96 min Scan# 2019  
Delta R.T. 0.00 min  
Lab File: BF117019.D  
Acq: 13 Sep 2019 13:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tot Ion:228 Resp: 511678  
Ion Ratio Lower Upper  
228 100  
226 27.9 22.3 33.5  
229 19.9 15.9 23.9

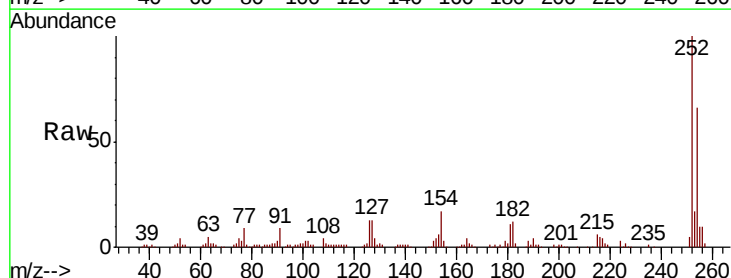


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

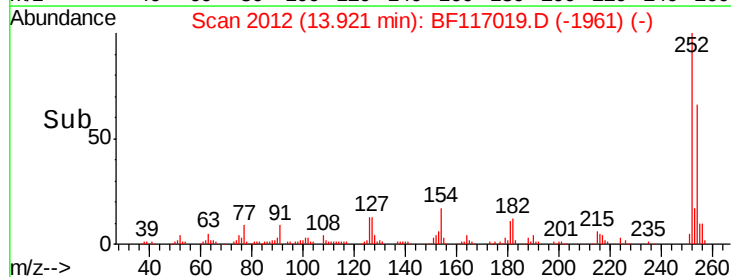
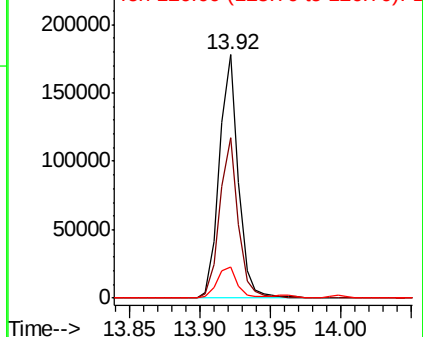


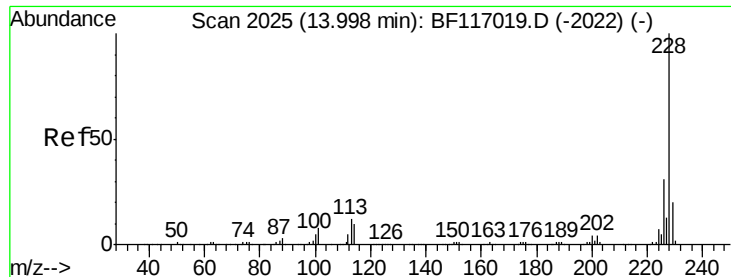
#82  
3,3'-Dichlorobenzidine  
Concen: 37.687 ng  
RT: 13.92 min Scan# 1212  
Delta R.T. 0.00 min  
Lab File: BF117019.D  
Acq: 13 Sep 2019 13:22

Tgt Ion:252 Resp: 166791  
Ion Ratio Lower Upper  
252 100  
254 65.8 52.6 79.0  
126 13.0 10.4 15.6



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.847 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

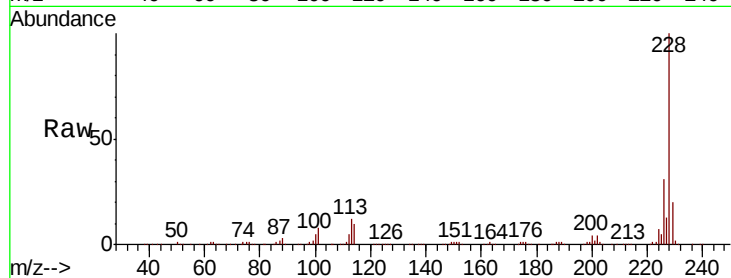
BNA\_F

ClientSampleId :

SSTDICCC040

Tot Ion:228 Resp: 497140

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.0  | 24.8  | 37.2  |
| 229 | 19.8  | 15.8  | 23.8  |

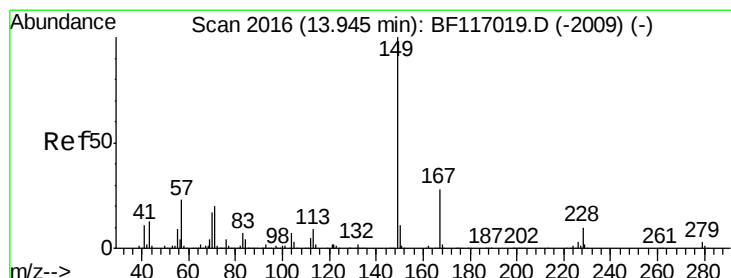
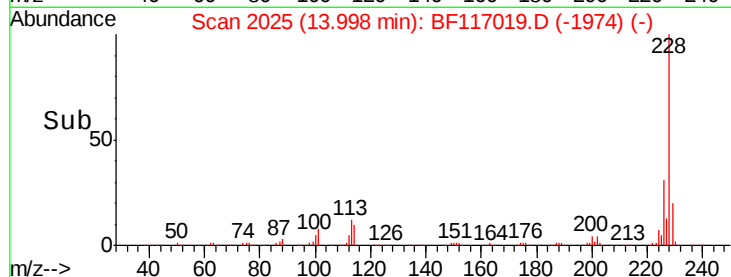
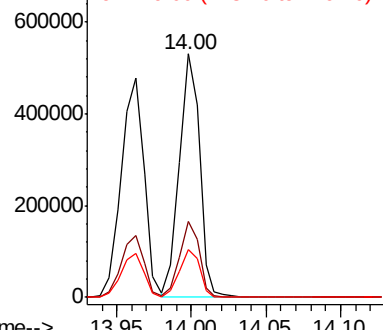


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.626 ng

RT: 13.94 min Scan# 2016

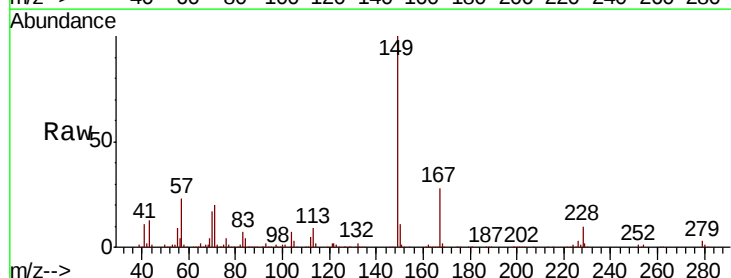
Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Tgt Ion:149 Resp: 382327

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.7  | 22.2  | 33.2  |
| 279 | 3.5   | 2.8   | 4.2   |

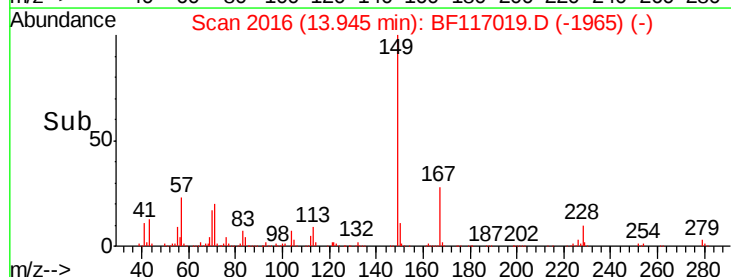
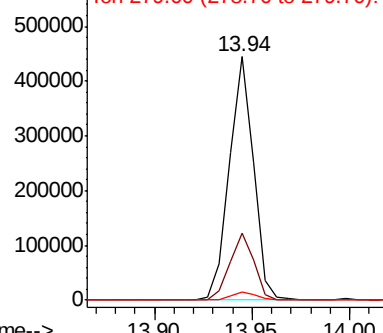


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 34.265 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

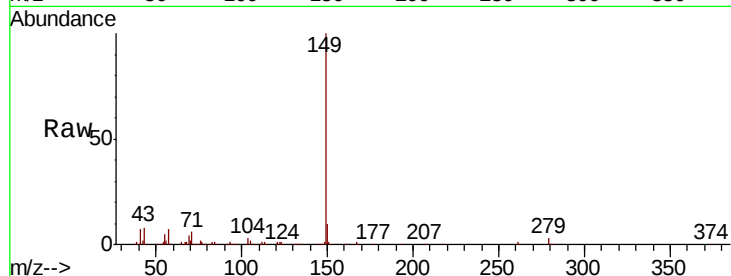
Tot Ion:149 Resp: 619147

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

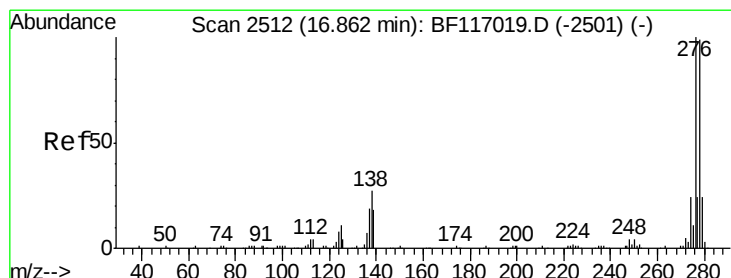
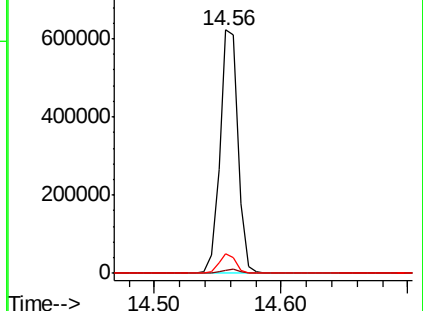
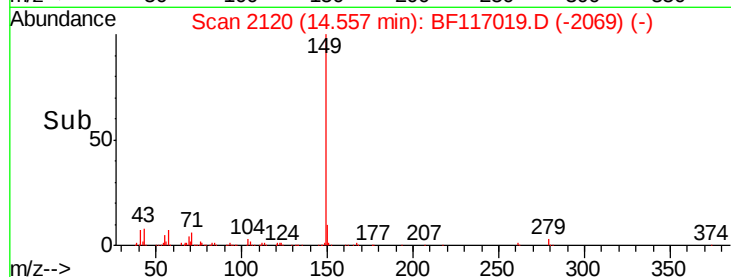
43 7.8 6.2 9.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 30.324 ng

RT: 16.86 min Scan# 2512

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

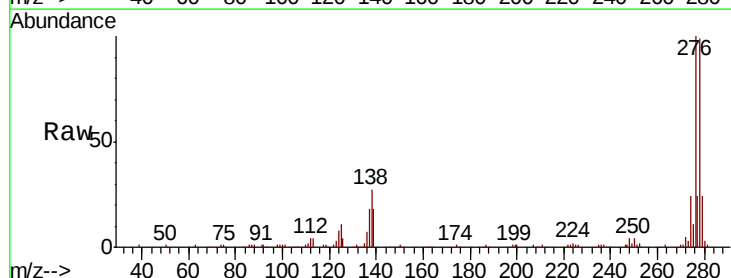
Tgt Ion:276 Resp: 328622

Ion Ratio Lower Upper

276 100

138 25.9 20.7 31.1

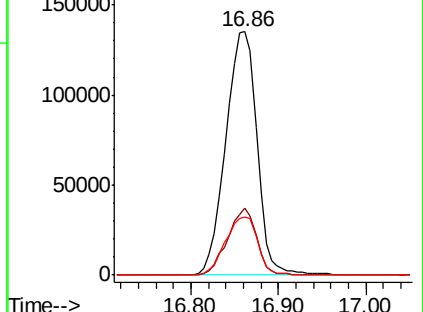
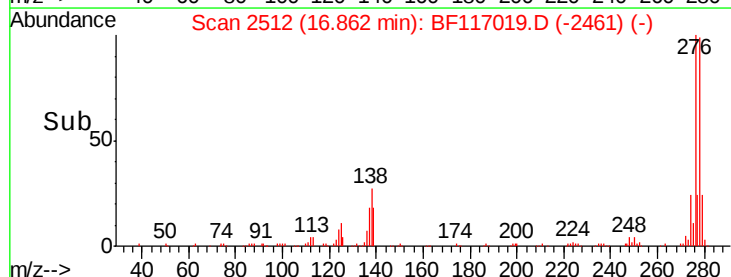
277 24.8 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



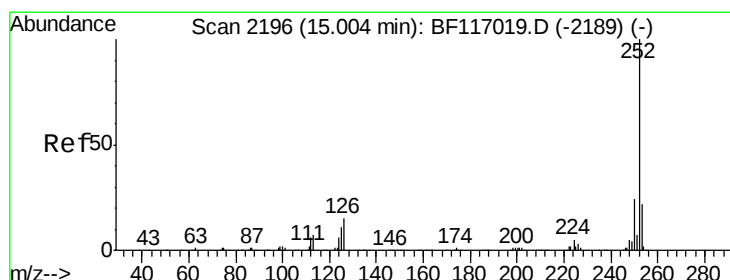
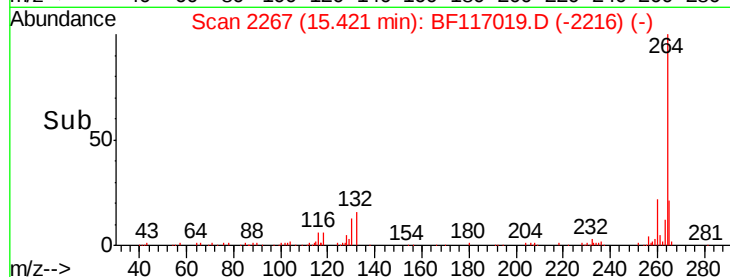
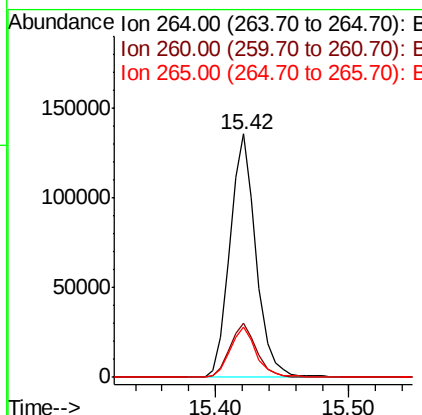
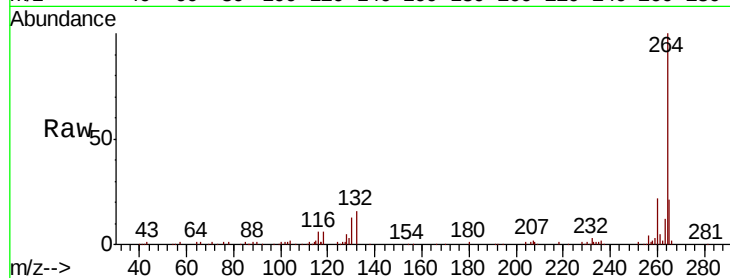


#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.42 min Scan# 2267  
Delta R.T. 0.00 min  
Lab File: BF117019.D  
Acq: 13 Sep 2019 13:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tot Ion:264 Resp: 185062  

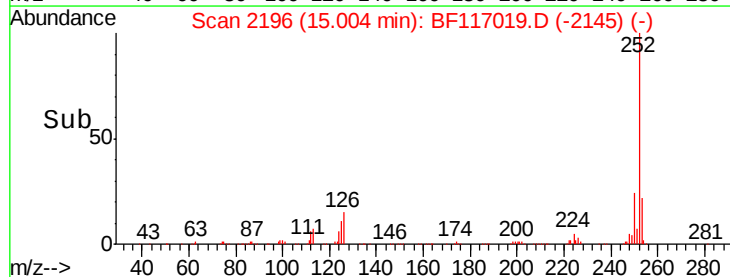
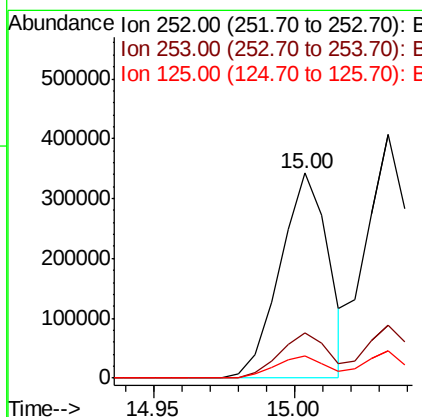
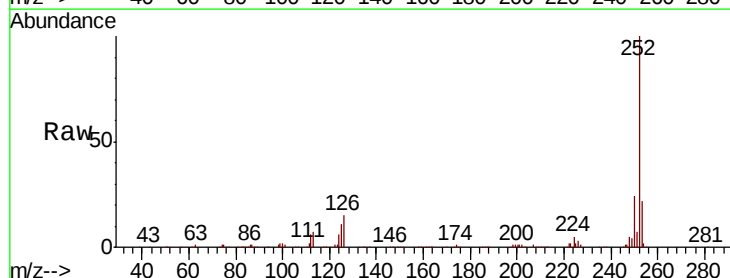
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.0  | 17.6  | 26.4  |
| 265 | 20.7  | 16.6  | 24.8  |



#88  
Benzo(b)fluoranthene  
Concen: 36.417 ng  
RT: 15.00 min Scan# 2196  
Delta R.T. 0.00 min  
Lab File: BF117019.D  
Acq: 13 Sep 2019 13:22

Tgt Ion:252 Resp: 407456  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.0  | 17.6  | 26.4  |
| 125 | 10.7  | 8.6   | 12.8  |

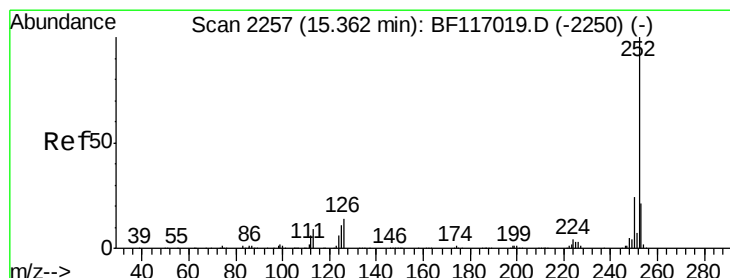
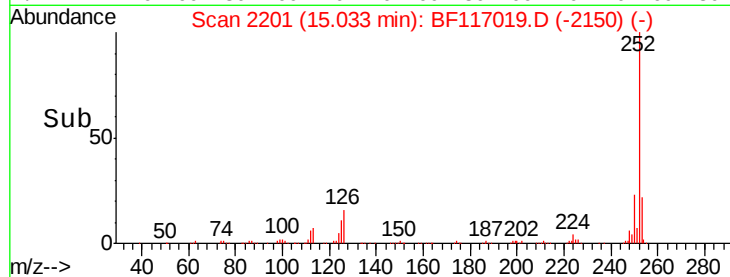
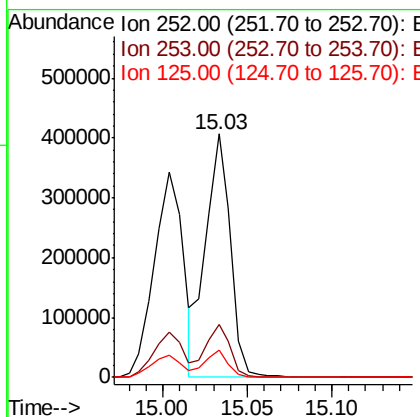
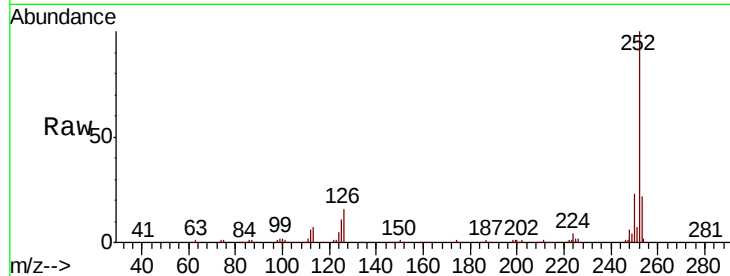




#89  
Benzo(k)fluoranthene  
Concen: 40.606 ng  
RT: 15.03 min Scan# 2201  
Delta R.T. 0.00 min  
Lab File: BF117019.D  
Acq: 13 Sep 2019 13:22

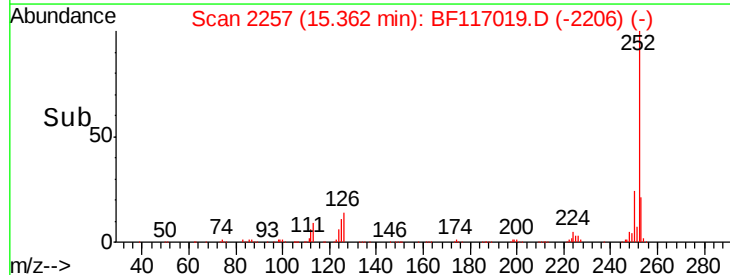
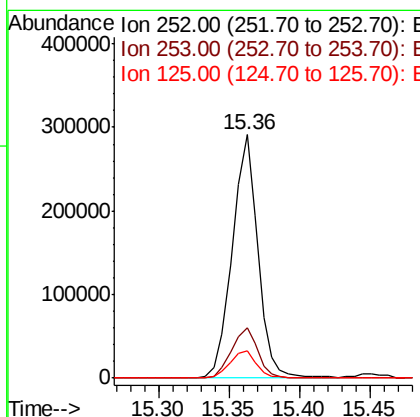
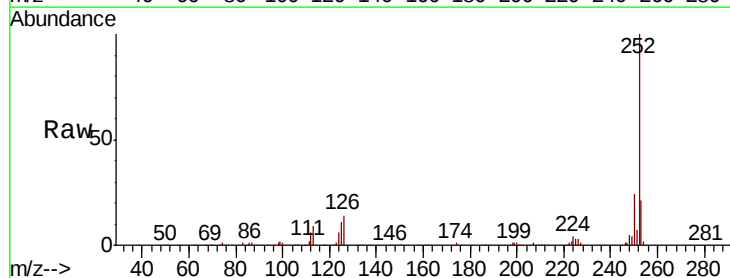
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tot Ion:252 Resp: 414236  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.4 26.2  
125 11.0 8.8 13.2



#90  
Benzo(a)pyrene  
Concen: 37.931 ng  
RT: 15.36 min Scan# 2257  
Delta R.T. 0.00 min  
Lab File: BF117019.D  
Acq: 13 Sep 2019 13:22

Tgt Ion:252 Resp: 369230  
Ion Ratio Lower Upper  
252 100  
253 20.8 16.6 25.0  
125 11.1 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 31.233 ng

RT: 16.87 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

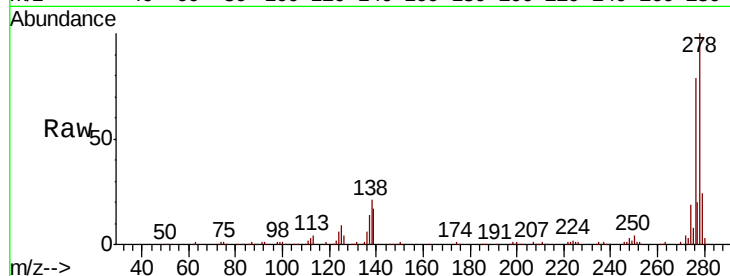
Tot Ion:278 Resp: 266121

Ion Ratio Lower Upper

278 100

139 16.9 13.5 20.3

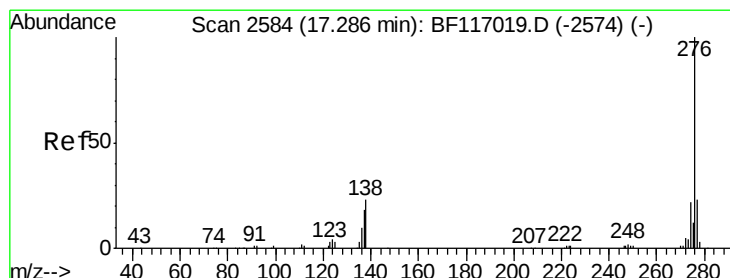
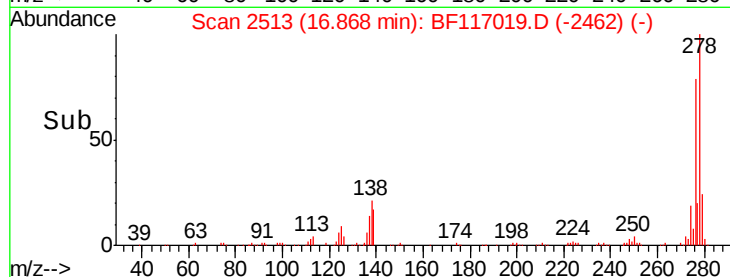
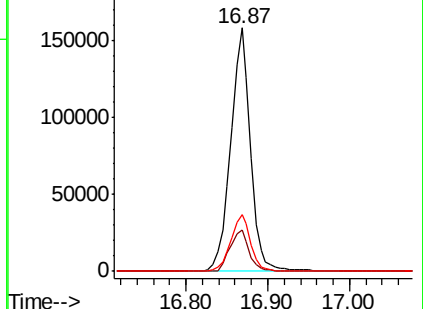
279 23.5 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 30.038 ng

RT: 17.29 min Scan# 2584

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

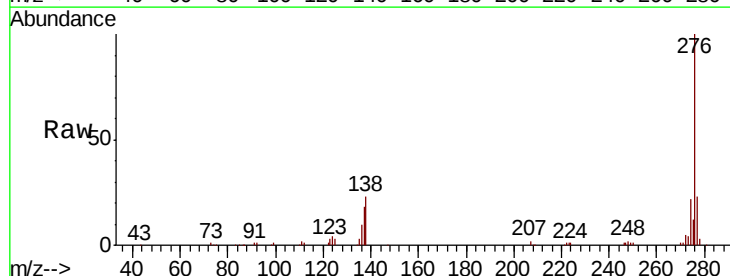
Tgt Ion:276 Resp: 261023

Ion Ratio Lower Upper

276 100

277 23.2 18.6 27.8

138 22.5 18.0 27.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

