

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\  
 Data File : BF117026.D  
 Acq On : 13 Sep 2019 17:02  
 Operator : HP/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Sep 14 00:16:20 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 16:23:17 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.82  | 152  | 79499    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.10  | 136  | 327519   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.86  | 164  | 163674   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.33 | 188  | 262267   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.97 | 240  | 189548   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.42 | 264  | 159909   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.44  | 112 | 395208 | 77.61 | ng | 0.00 |
| 7) Phenol-d6             | 6.46  | 99  | 507277 | 77.09 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.39  | 82  | 483856 | 77.62 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.65 | 330 | 103790 | 75.87 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.17  | 172 | 801257 | 76.54 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.92 | 244 | 754879 | 74.44 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.57 | 88  | 83084  | 38.993 | ng | 99     |
| 3) Pyridine                    | 3.31 | 79  | 222614 | 38.171 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 3.26 | 42  | 74779  | 37.363 | ng | 99     |
| 6) Aniline                     | 6.49 | 93  | 329099 | 38.842 | ng | 99     |
| 8) 2-Chlorophenol              | 6.61 | 128 | 209323 | 38.105 | ng | 99     |
| 9) Benzaldehyde                | 6.37 | 77  | 137360 | 42.323 | ng | 98     |
| 10) Phenol                     | 6.47 | 94  | 281089 | 38.746 | ng | 95     |
| 11) bis(2-Chloroethyl)ether    | 6.56 | 93  | 198893 | 37.302 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.76 | 146 | 238182 | 38.640 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.84 | 146 | 243272 | 38.672 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.00 | 146 | 226762 | 38.717 | ng | 99     |
| 15) Benzyl Alcohol             | 6.96 | 79  | 192859 | 38.217 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.10 | 45  | 198960 | 37.769 | ng | 98     |
| 17) 2-Methylphenol             | 7.08 | 107 | 175261 | 38.068 | ng | 96     |
| 18) Hexachloroethane           | 7.33 | 117 | 93509  | 38.640 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.24 | 70  | 151124 | 37.713 | ng | 100    |
| 20) 3+4-Methylphenols          | 7.23 | 107 | 217881 | 37.994 | ng | 97     |
| 22) Acetophenone               | 7.23 | 105 | 317691 | 38.178 | ng | 99     |
| 24) Nitrobenzene               | 7.40 | 77  | 237076 | 38.513 | ng | 100    |
| 25) Isophorone                 | 7.65 | 82  | 408958 | 37.054 | ng | 100    |
| 26) 2-Nitrophenol              | 7.72 | 139 | 103420 | 39.113 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 7.76 | 122 | 159181 | 37.963 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.85 | 93  | 256019 | 37.651 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.96 | 162 | 166584 | 37.916 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.05 | 180 | 178069 | 37.515 | ng | 98     |
| 31) Naphthalene                | 8.13 | 128 | 595613 | 37.813 | ng | 99     |
| 32) Benzoic acid               | 7.89 | 122 | 110957 | 36.825 | ng | 97     |
| 33) 4-Chloroaniline            | 8.17 | 127 | 265631 | 38.021 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.25 | 225 | 101695 | 37.763 | ng | 96     |
| 35) Caprolactam                | 8.55 | 113 | 54636  | 36.740 | ng | # 86   |
| 36) 4-Chloro-3-methylphenol    | 8.66 | 107 | 191554 | 37.392 | ng | 95     |
| 37) 2-Methylnaphthalene        | 8.82 | 142 | 400761 | 37.783 | ng | 98     |
| 38) 1-Methylnaphthalene        | 8.92 | 142 | 372282 | 37.474 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.99 | 216 | 162331 | 38.408 | ng | 98     |

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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

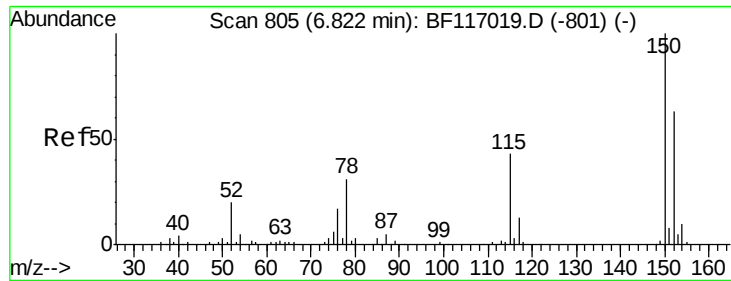
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Sep 14 00:16:20 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 16:23:17 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.97  | 237  | 60349    | 36.981 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 9.09  | 196  | 107530   | 37.490 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.13  | 196  | 114636   | 37.408 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 9.28  | 154  | 488493   | 38.049 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 9.30  | 162  | 383222   | 37.821 | ng    | 99       |
| 48) 2-Nitroaniline             | 9.40  | 65   | 125905   | 38.740 | ng    | 96       |
| 49) Acenaphthylene             | 9.72  | 152  | 575779   | 37.933 | ng    | 99       |
| 50) Dimethylphthalate          | 9.57  | 163  | 427423   | 36.882 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.64  | 165  | 92900    | 39.360 | ng    | 99       |
| 52) Acenaphthene               | 9.89  | 154  | 342688   | 38.086 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.81  | 138  | 114314   | 38.387 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 9.92  | 184  | 32609    | 37.496 | ng    | 97       |
| 55) Dibenzofuran               | 10.06 | 168  | 506144   | 38.126 | ng    | 98       |
| 56) 4-Nitrophenol              | 9.97  | 139  | 74279    | 38.485 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 10.05 | 165  | 123921   | 40.447 | ng    | 96       |
| 58) Fluorene                   | 10.40 | 166  | 402210   | 37.611 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.18 | 232  | 85431    | 36.430 | ng    | # 96     |
| 60) Diethylphthalate           | 10.27 | 149  | 418392   | 36.696 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 10.39 | 204  | 172751   | 37.336 | ng    | 98       |
| 62) 4-Nitroaniline             | 10.42 | 138  | 118170   | 38.157 | ng    | 99       |
| 63) Azobenzene                 | 10.55 | 77   | 433940   | 37.265 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 10.45 | 198  | 43928    | 38.376 | ng    | 78       |
| 66) n-Nitrosodiphenylamine     | 10.51 | 169  | 343321   | 37.904 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 10.88 | 248  | 99852    | 37.281 | ng    | 94       |
| 68) Hexachlorobenzene          | 10.96 | 284  | 109690   | 37.443 | ng    | 97       |
| 69) Atrazine                   | 11.03 | 200  | 89388    | 38.044 | ng    | 99       |
| 70) Pentachlorophenol          | 11.15 | 266  | 52552    | 38.270 | ng    | 97       |
| 71) Phenanthrene               | 11.36 | 178  | 568904   | 38.190 | ng    | 100      |
| 72) Anthracene                 | 11.42 | 178  | 585976   | 38.530 | ng    | 99       |
| 73) Carbazole                  | 11.56 | 167  | 547541   | 37.929 | ng    | 98       |
| 74) Di-n-butylphthalate        | 11.89 | 149  | 645984   | 37.611 | ng    | 99       |
| 75) Fluoranthene               | 12.54 | 202  | 580862   | 37.949 | ng    | 99       |
| 77) Benzidine                  | 12.66 | 184  | 238725   | 39.098 | ng    | 98       |
| 78) Pyrene                     | 12.77 | 202  | 591558   | 37.194 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.39 | 149  | 267541   | 35.600 | ng    | 98       |
| 81) Benzo(a)anthracene         | 13.96 | 228  | 475146   | 37.520 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.92 | 252  | 150804   | 36.954 | ng    | 99       |
| 83) Chrysene                   | 14.00 | 228  | 459940   | 37.238 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.94 | 149  | 338657   | 34.950 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.55 | 149  | 544629   | 35.711 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.84 | 276  | 315256   | 34.985 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 15.00 | 252  | 368072   | 37.999 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.03 | 252  | 366006   | 39.889 | ng    | 98       |
| 90) Benzo(a)pyrene             | 15.36 | 252  | 324330   | 38.157 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.86 | 278  | 251346   | 37.120 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.28 | 276  | 249742   | 37.012 | ng    | 97       |

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



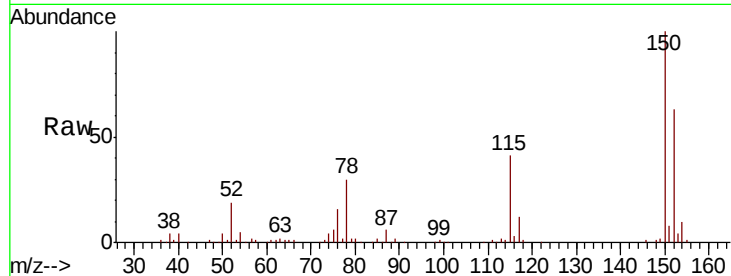


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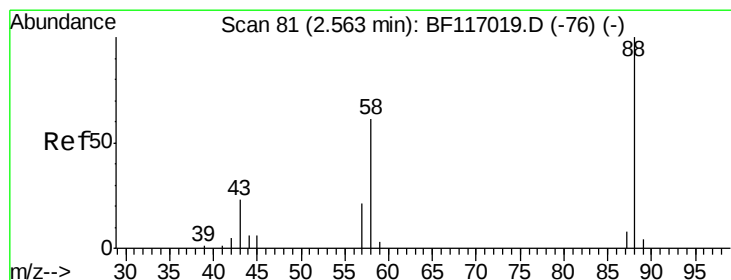
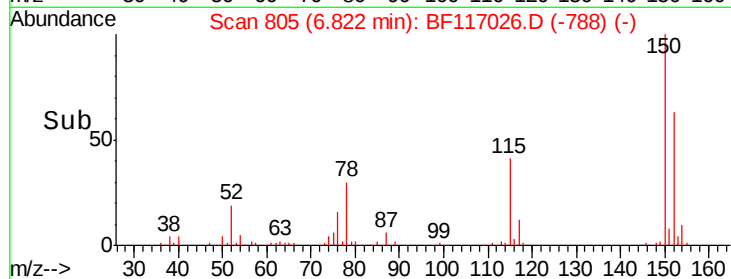
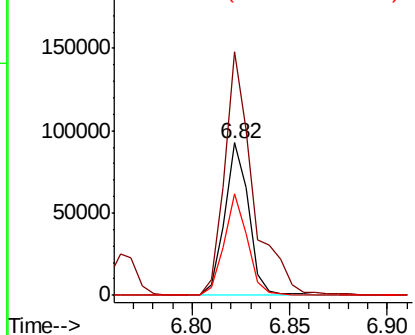
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.82 min Scan# 805  
Delta R.T. 0.00 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:152 Resp: 79499  
Ion Ratio Lower Upper  
152 100  
150 159.5 127.5 191.3  
115 66.1 55.0 82.4



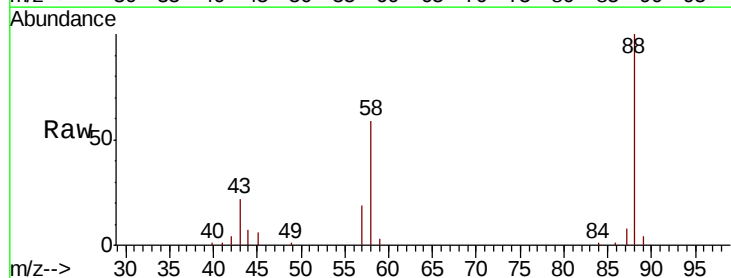
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



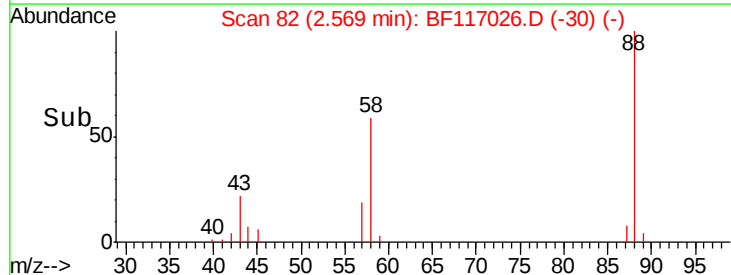
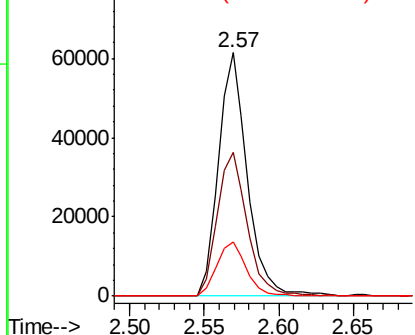
#2

1,4-Dioxane  
Concen: 38.993 ng  
RT: 2.57 min Scan# 82  
Delta R.T. 0.01 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

Tgt Ion: 88 Resp: 83084  
Ion Ratio Lower Upper  
88 100  
58 61.4 49.3 73.9  
43 22.5 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: 38.171 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.01 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

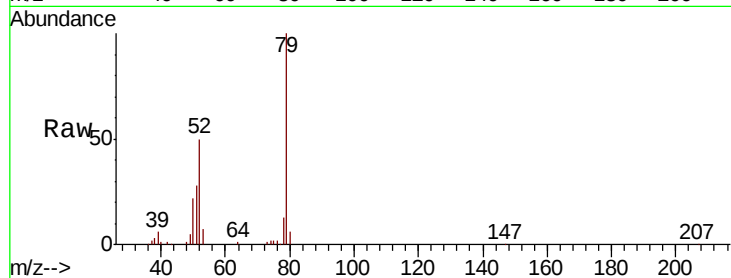
Tot Ion: 79 Resp: 222614

Ion Ratio Lower Upper

79 100

52 50.2 43.5 65.3

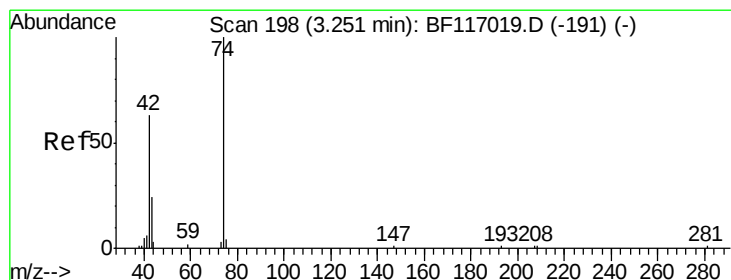
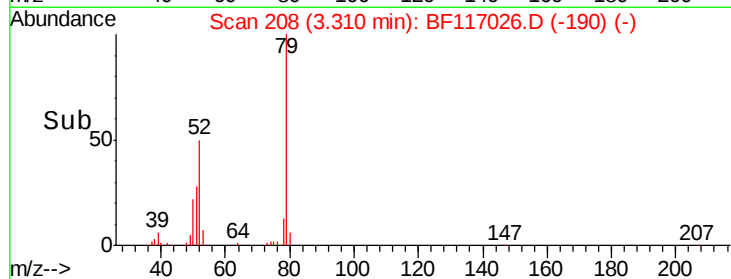
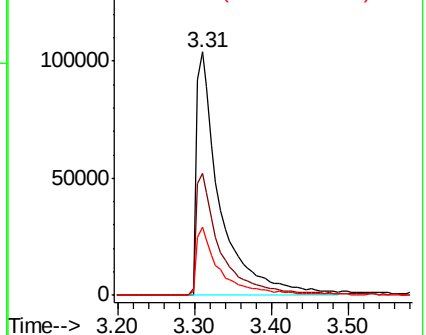
51 28.0 21.8 32.6



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: 37.363 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.01 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

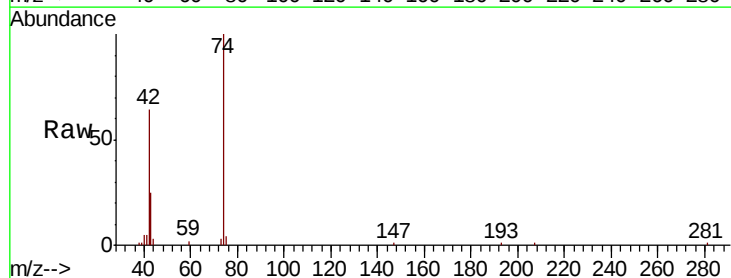
Tgt Ion: 42 Resp: 74779

Ion Ratio Lower Upper

42 100

74 157.4 127.1 190.7

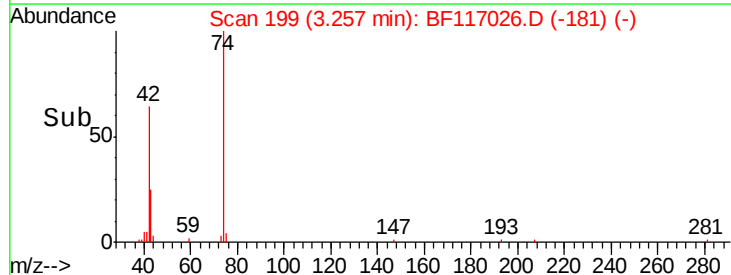
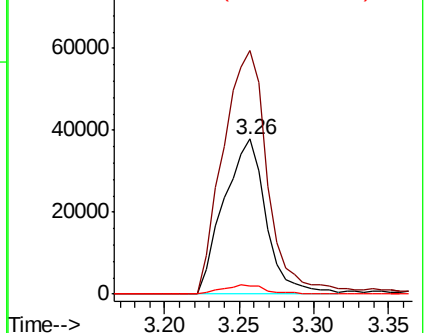
44 5.4 4.3 6.5



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: 77.613 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

Instrument :

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ClientSampleId :

SSTDCCC040

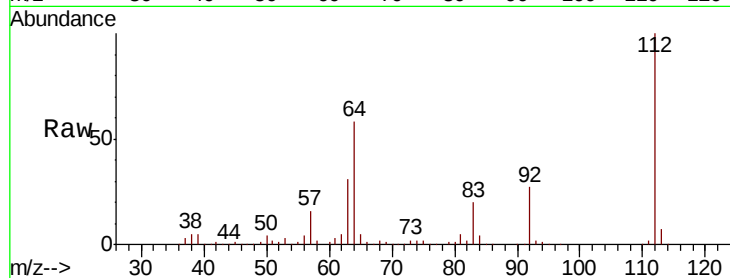
Tot Ion: 112 Resp: 395208

Ion Ratio Lower Upper

112 100

64 58.1 45.7 68.5

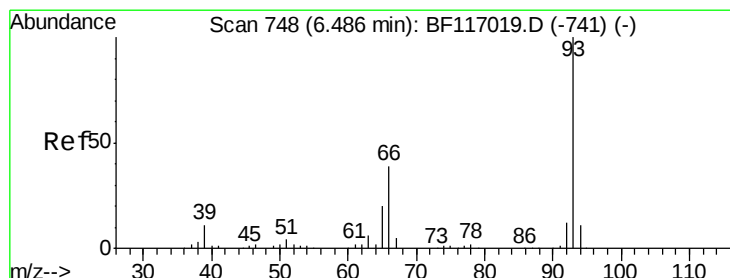
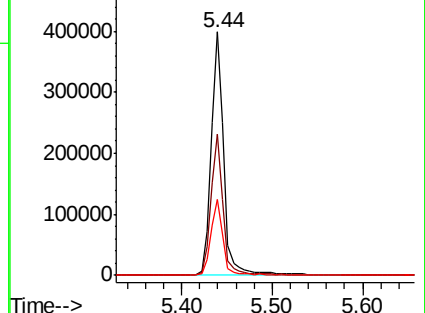
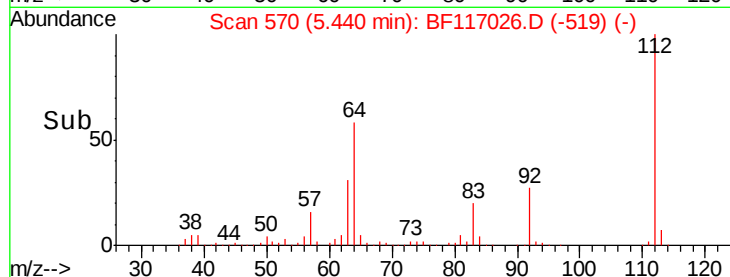
63 31.2 24.9 37.3



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: 38.842 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

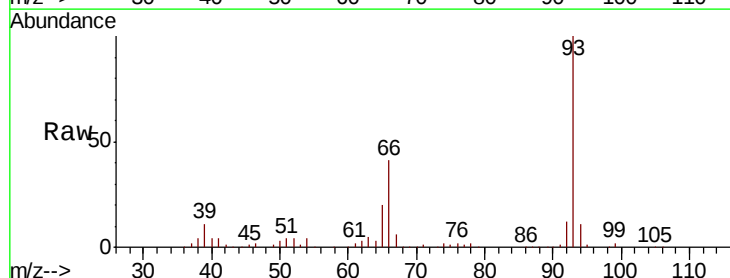
Tgt Ion: 93 Resp: 329099

Ion Ratio Lower Upper

93 100

66 40.7 32.6 49.0

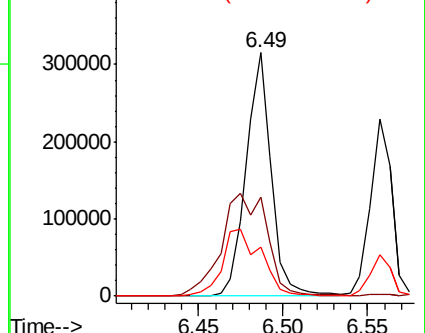
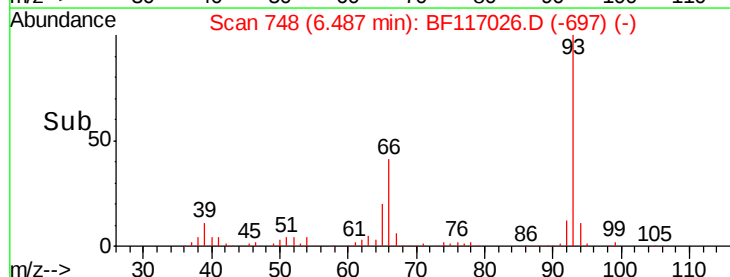
65 20.4 16.7 25.1

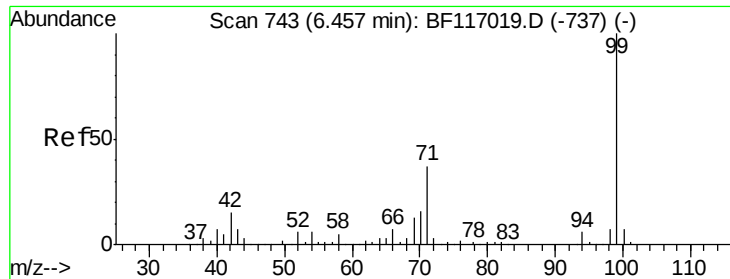


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.085 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

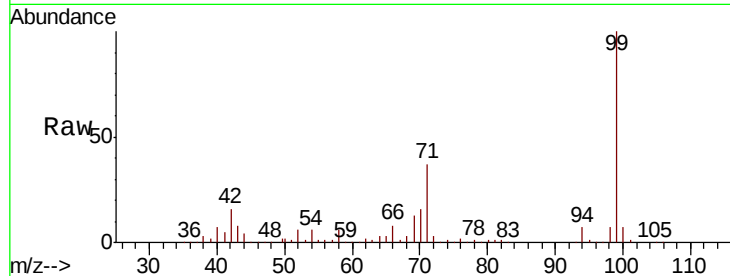
Tot Ion: 99 Resp: 507277

Ion Ratio Lower Upper

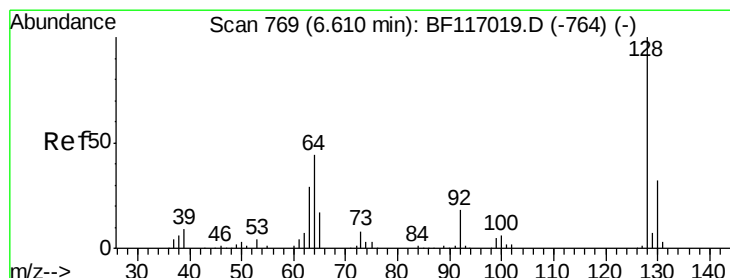
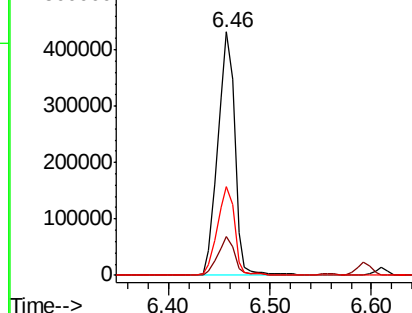
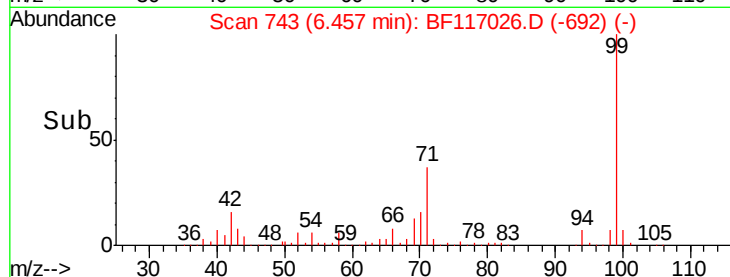
99 100

42 15.7 12.2 18.2

71 36.7 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: 38.105 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

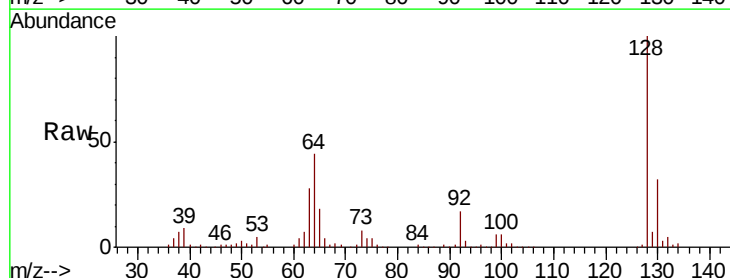
Tgt Ion: 128 Resp: 209323

Ion Ratio Lower Upper

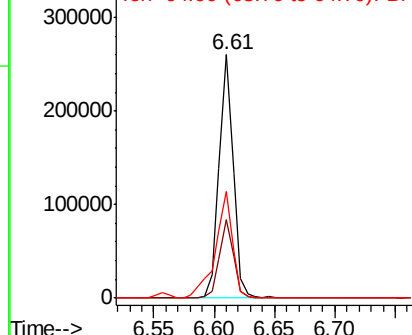
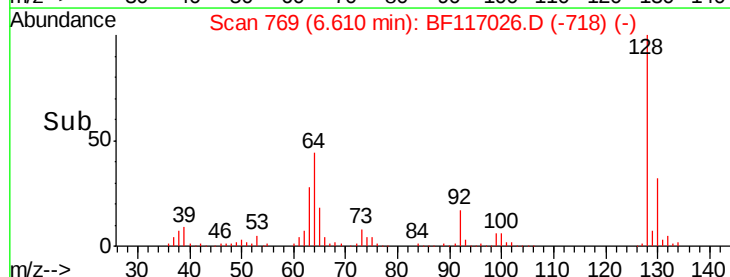
128 100

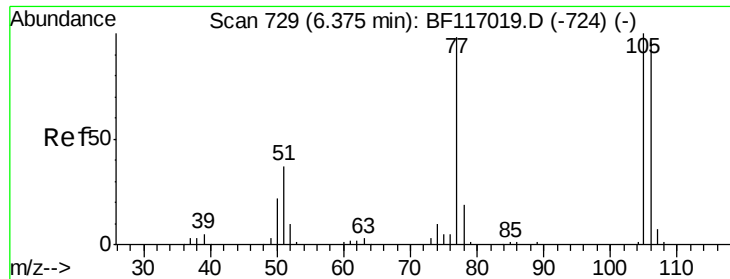
130 32.5 11.8 51.8

64 44.0 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

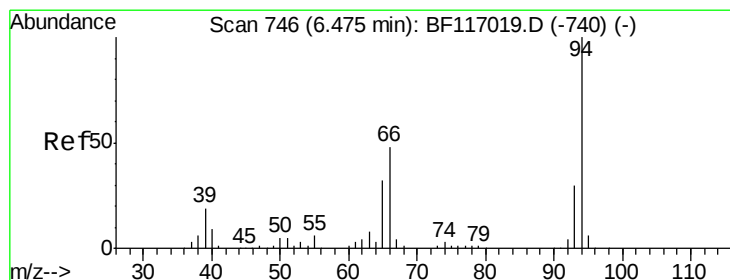
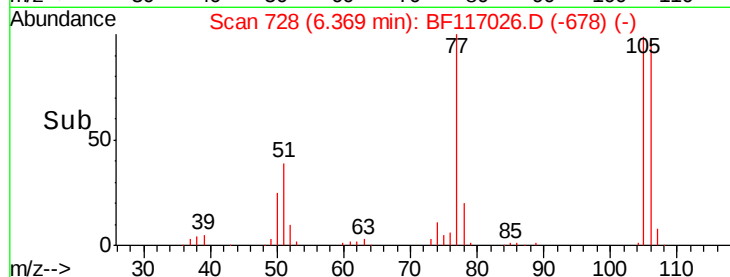
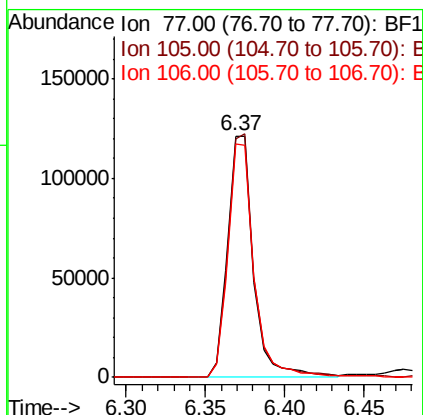
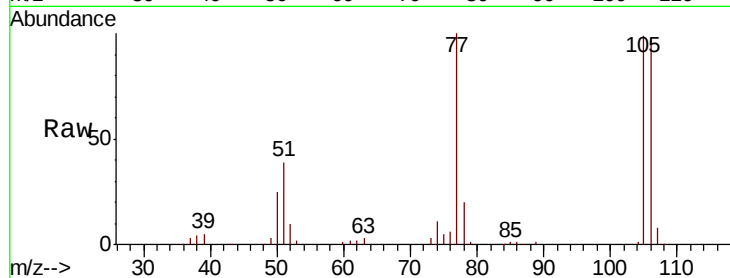




#9  
Benzaldehyde  
Concen: 42.323 ng  
RT: 6.37 min Scan# 728  
Delta R.T. -0.01 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

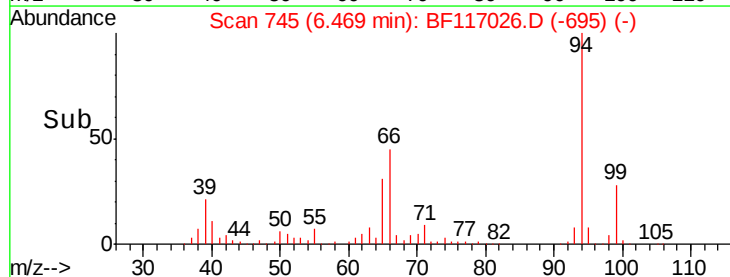
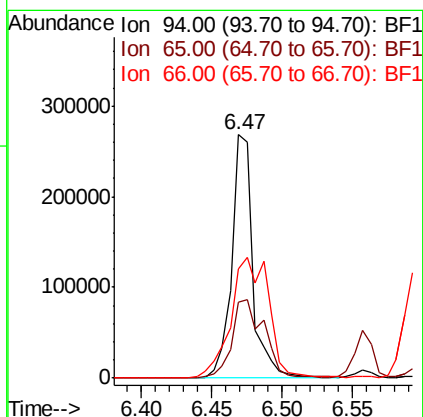
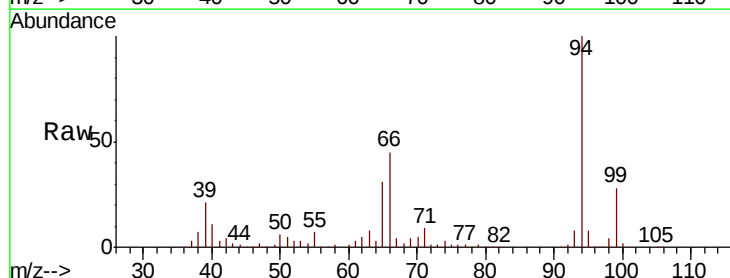
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion: 77 Resp: 137360  
Ion Ratio Lower Upper  
77 100  
105 98.9 81.8 121.8  
106 96.6 77.3 117.3



#10  
Phenol  
Concen: 38.746 ng  
RT: 6.47 min Scan# 745  
Delta R.T. -0.01 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

Tgt Ion: 94 Resp: 281089  
Ion Ratio Lower Upper  
94 100  
65 31.3 12.5 52.5  
66 44.7 28.9 68.9

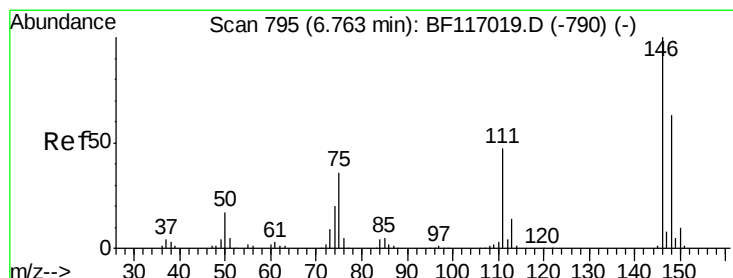
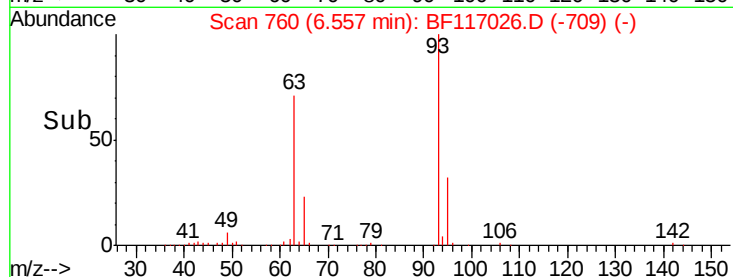
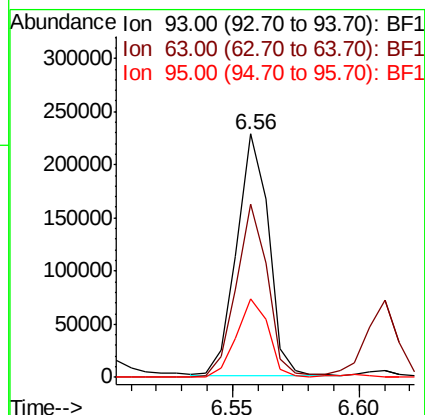
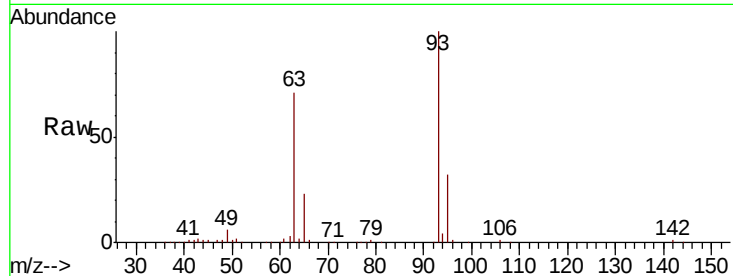




#11  
bis(2-Chloroethyl)ether  
Concen: 37.302 ng  
RT: 6.56 min Scan# 760  
Delta R.T. 0.00 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

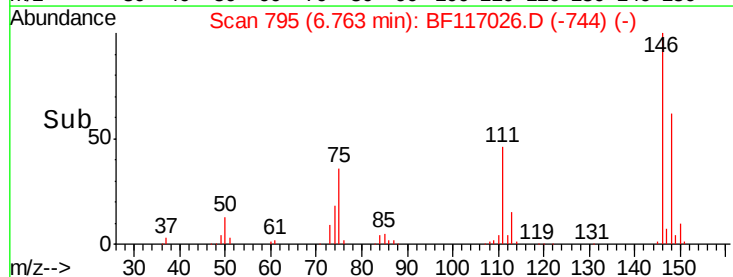
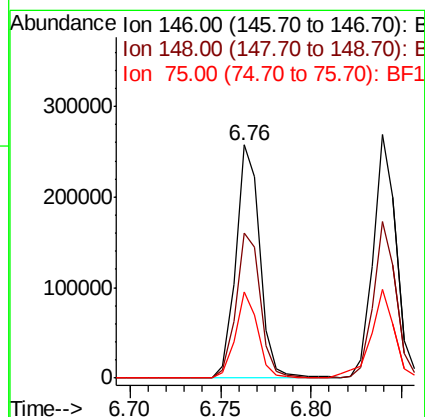
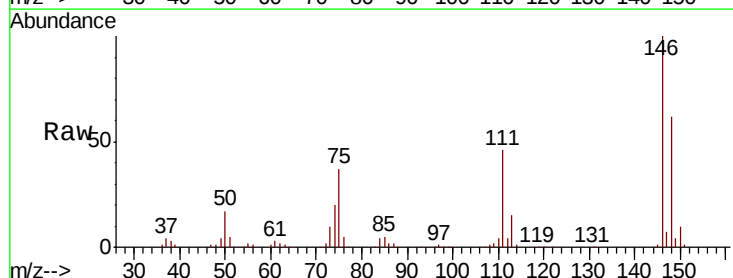
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

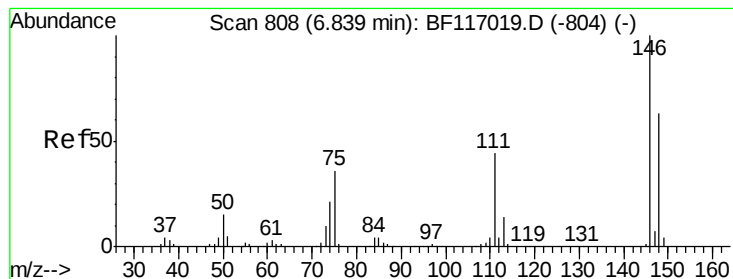
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 71.0  | 49.3  | 89.3  |
| 95      | 32.0  | 11.5  | 51.5  |



#12  
1,3-Dichlorobenzene  
Concen: 38.640 ng  
RT: 6.76 min Scan# 795  
Delta R.T. 0.00 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.4  | 50.8  | 76.2  |
| 75      | 36.9  | 28.7  | 43.1  |





#13

1,4-Dichlorobenzene

Concen: 38.672 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

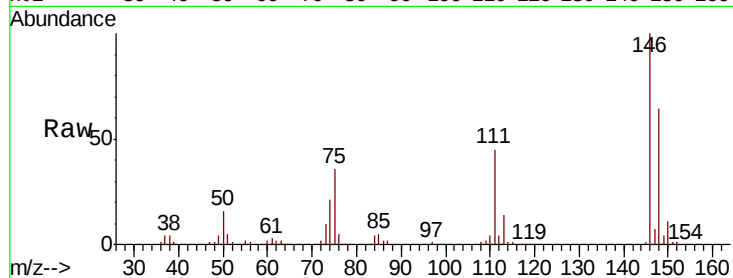
Tot Ion:146 Resp: 243272

Ion Ratio Lower Upper

146 100

148 64.4 50.6 76.0

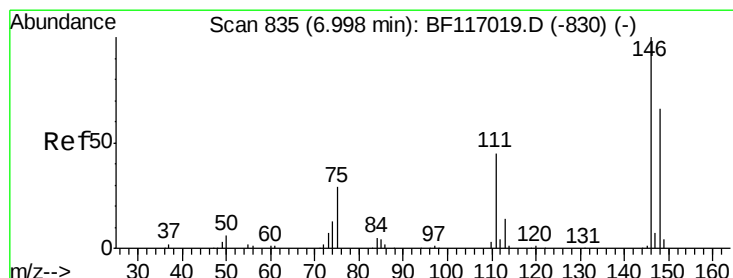
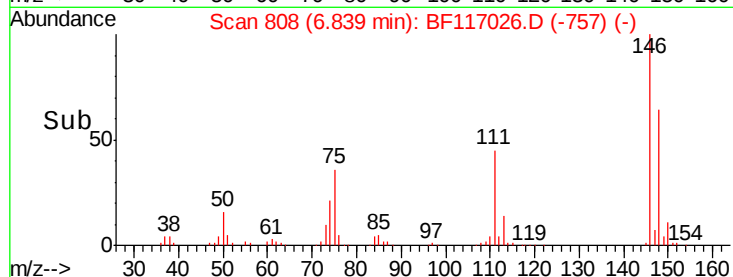
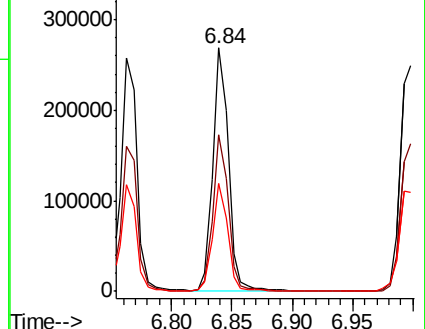
111 44.5 35.0 52.6



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: 38.717 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

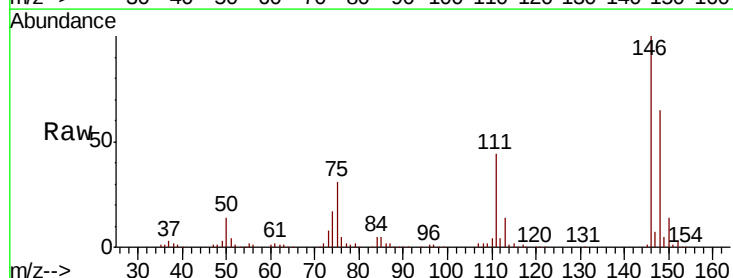
Tgt Ion:146 Resp: 226762

Ion Ratio Lower Upper

146 100

148 65.2 52.6 78.8

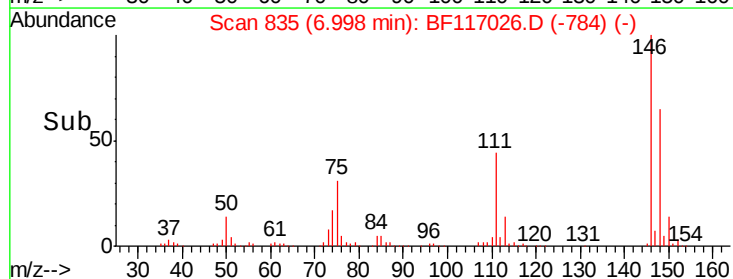
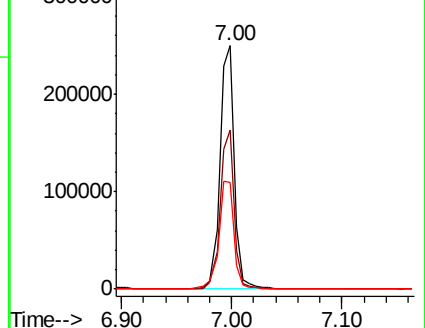
111 43.9 36.2 54.2

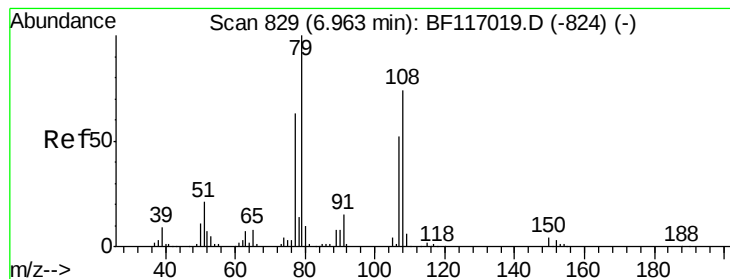


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.217 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

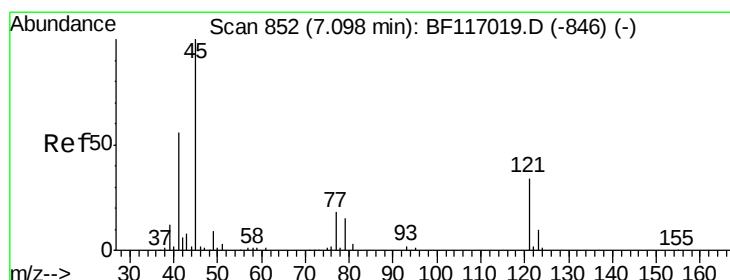
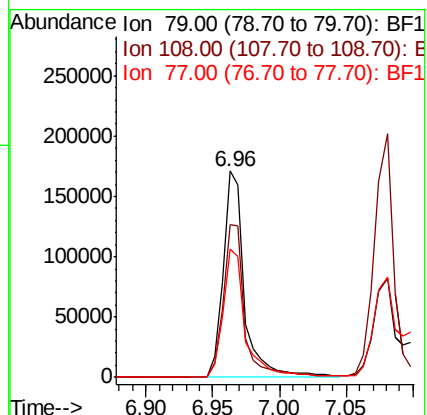
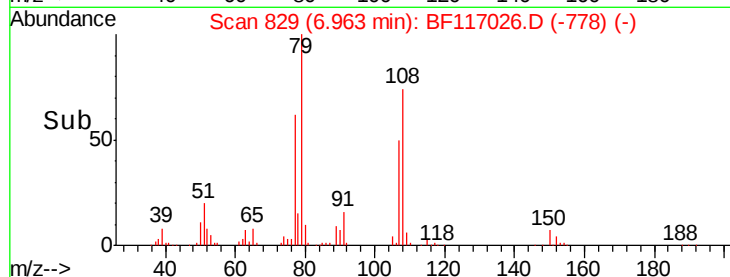
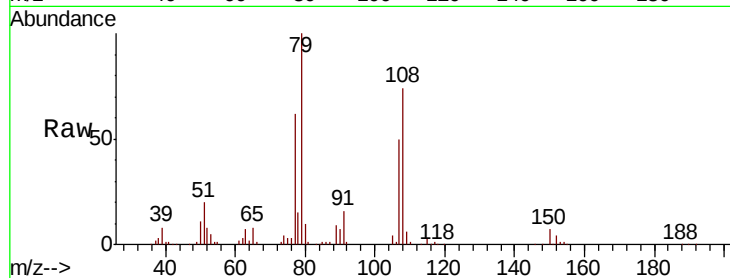
Tot Ion: 79 Resp: 192859

Ion Ratio Lower Upper

79 100

108 74.0 59.4 89.0

77 62.1 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.769 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

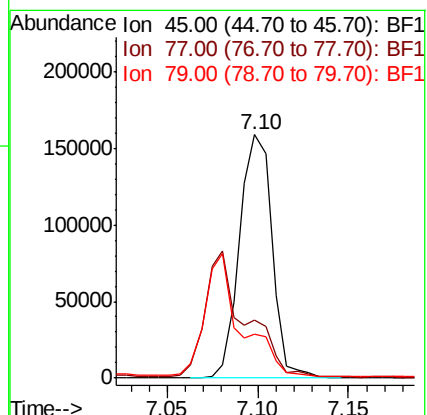
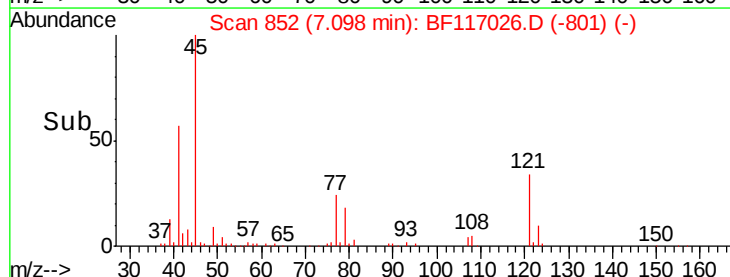
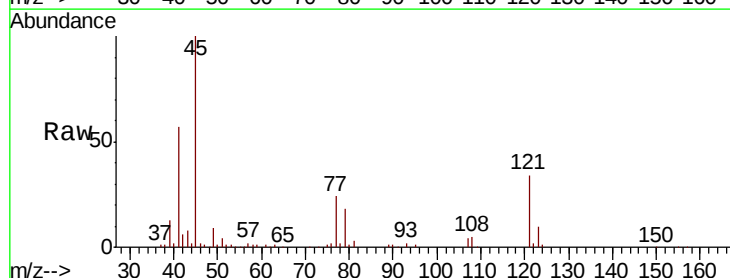
Tgt Ion: 45 Resp: 198960

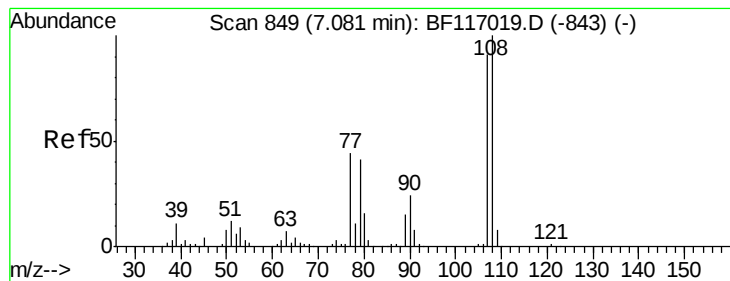
Ion Ratio Lower Upper

45 100

77 23.8 2.7 42.7

79 18.1 0.0 38.9





#17

2-Methylphenol

Concen: 38.068 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 175261

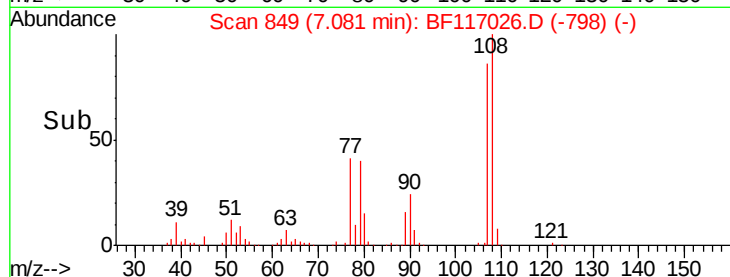
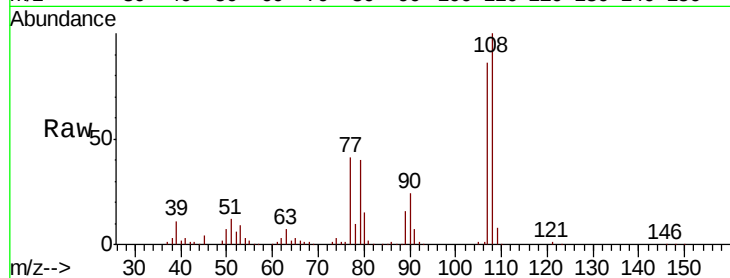
Ion Ratio Lower Upper

107 100

108 115.9 87.7 131.5

77 47.7 38.6 58.0

79 46.8 36.8 55.2



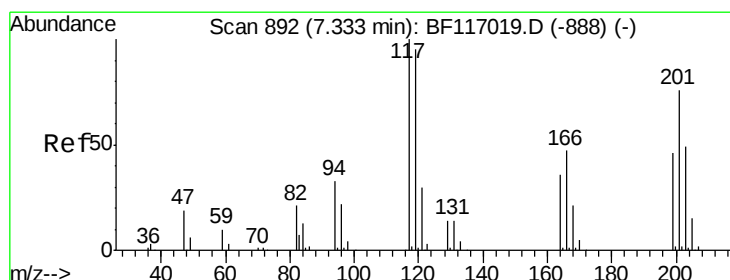
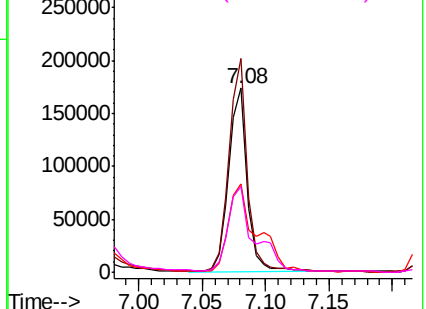
Abundance

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: 38.640 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

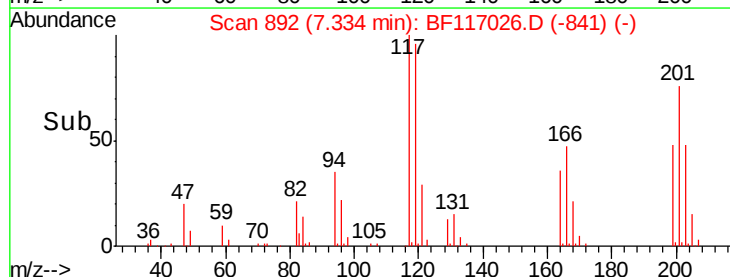
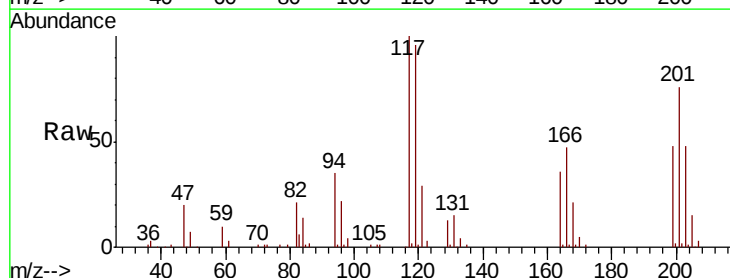
Tgt Ion:117 Resp: 93509

Ion Ratio Lower Upper

117 100

119 95.9 75.8 113.8

201 75.5 60.9 91.3

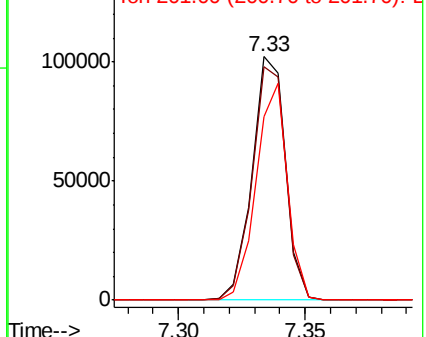


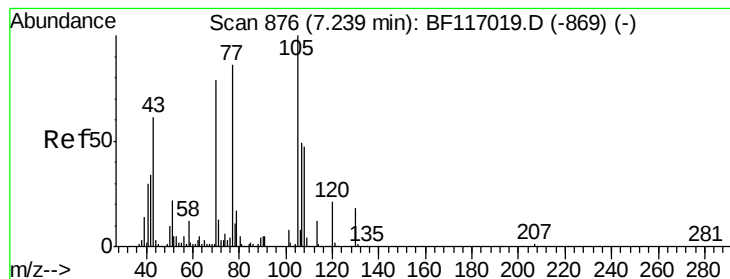
Abundance

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: 37.713 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 151124

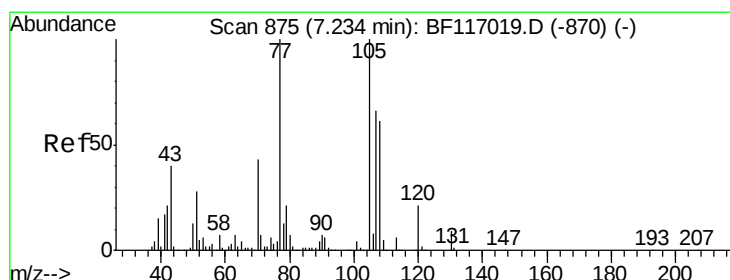
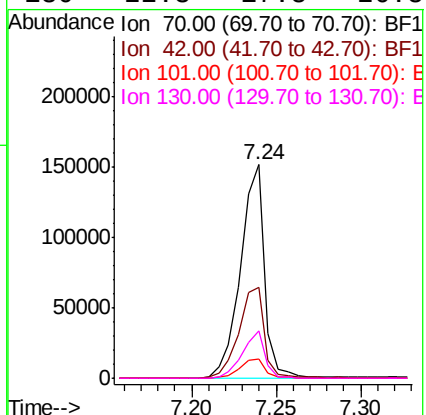
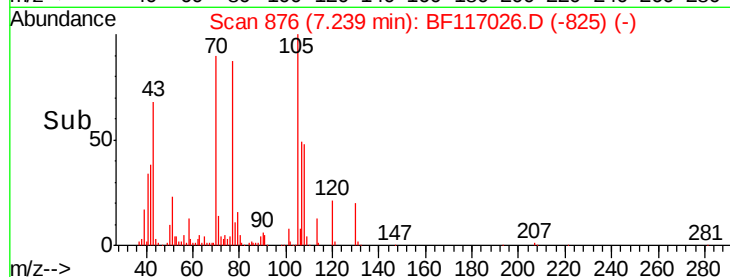
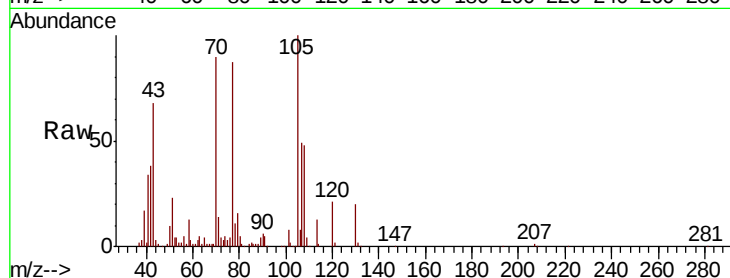
Ion Ratio Lower Upper

70 100

42 42.5 34.0 51.0

101 9.1 7.8 11.6

130 22.3 17.8 26.8



#20

3+4-Methylphenols

Concen: 37.994 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

Tgt Ion: 107 Resp: 217881

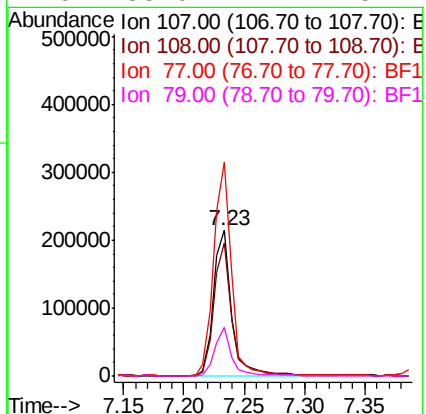
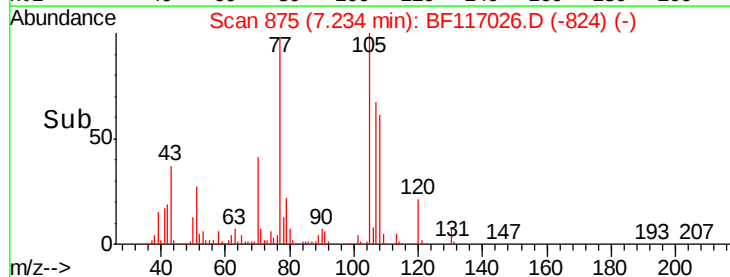
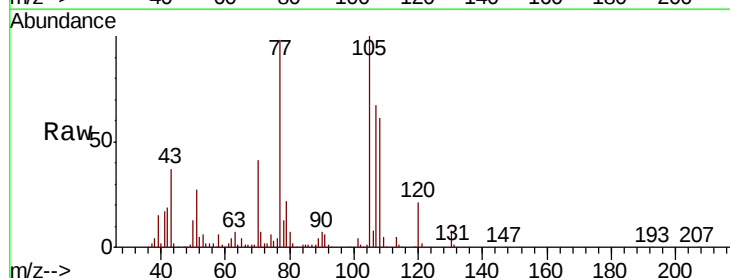
Ion Ratio Lower Upper

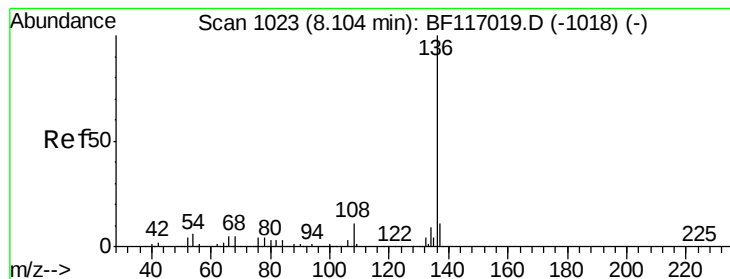
107 100

108 91.8 72.6 112.6

77 146.7 132.1 172.1

79 33.0 12.1 52.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 327519

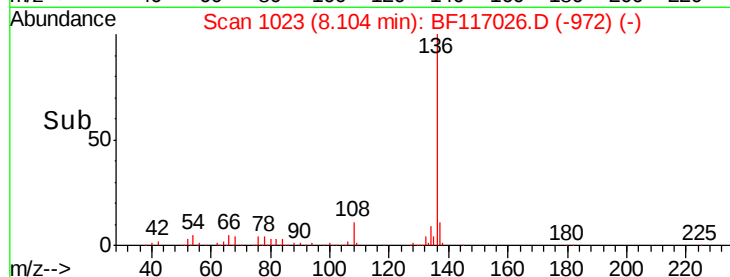
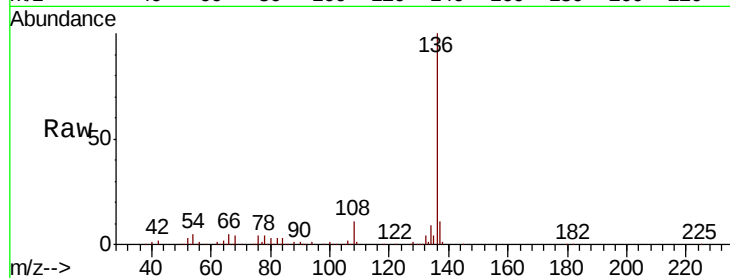
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 5.3 4.5 6.7

68 4.5 4.0 6.0

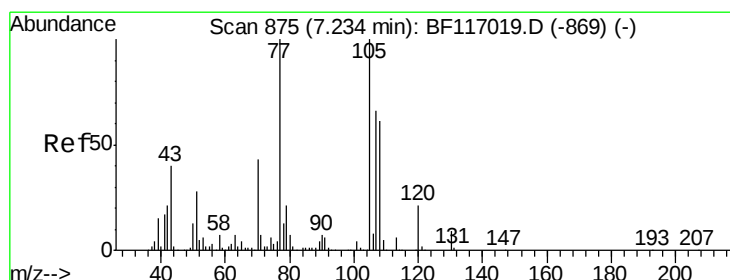
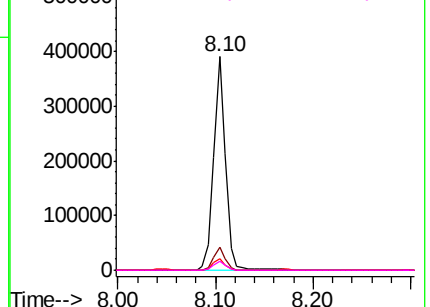


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.178 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

Tgt Ion:105 Resp: 317691

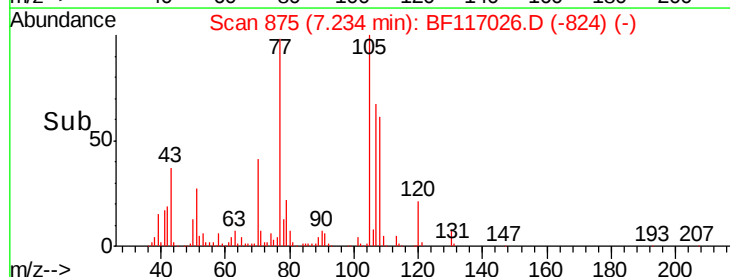
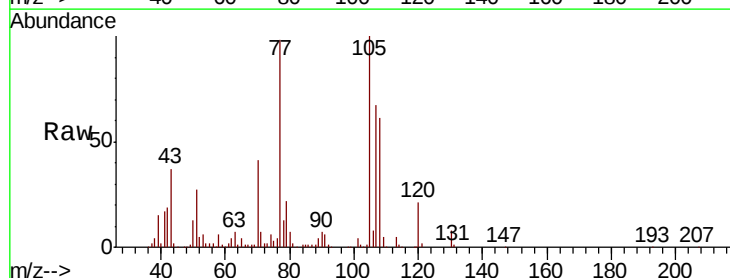
Ion Ratio Lower Upper

105 100

71 6.9 5.7 8.5

51 27.0 22.1 33.1

120 20.8 17.1 25.7

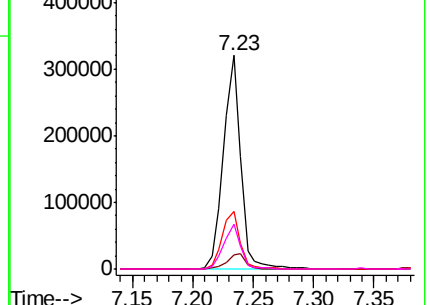


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

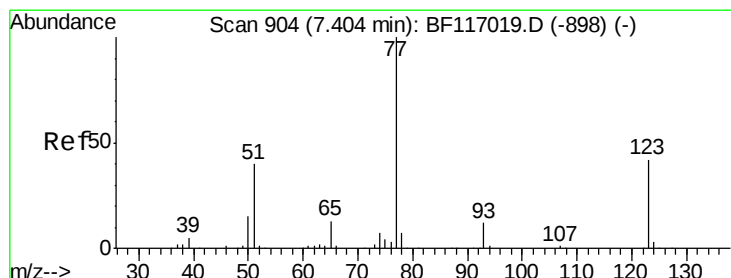
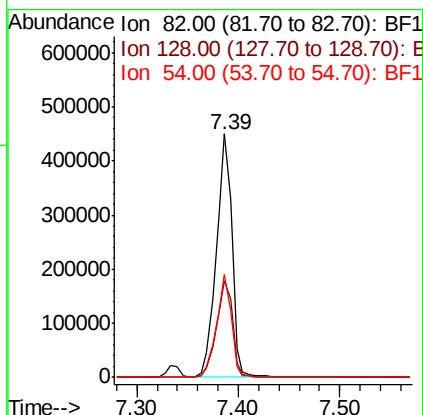
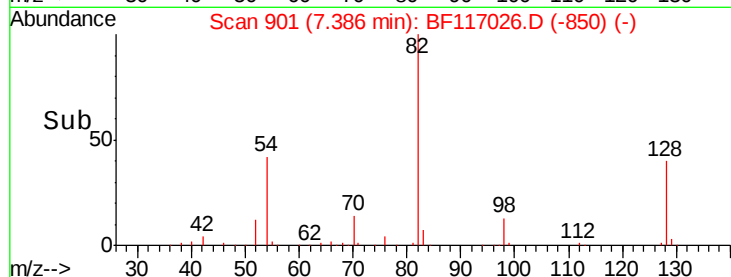
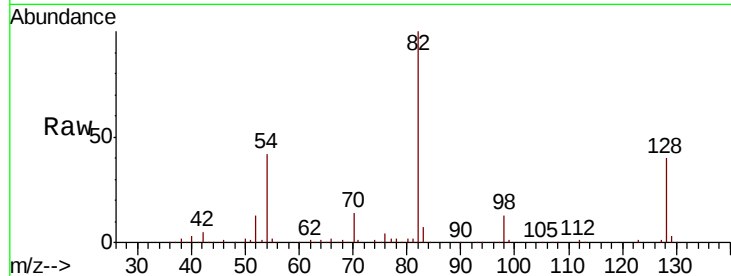




#23  
 Nitrobenzene-d5  
 Concen: 77.623 ng  
 RT: 7.39 min Scan# 901  
 Delta R.T. 0.00 min  
 Lab File: BF117026.D  
 Acq: 13 Sep 2019 17:02

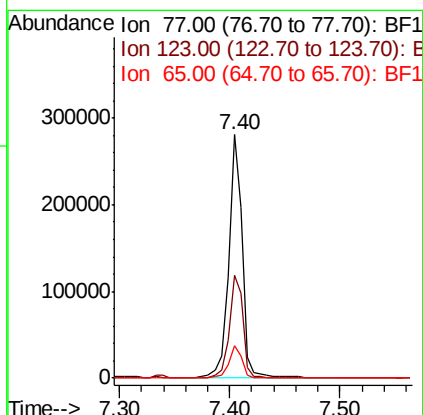
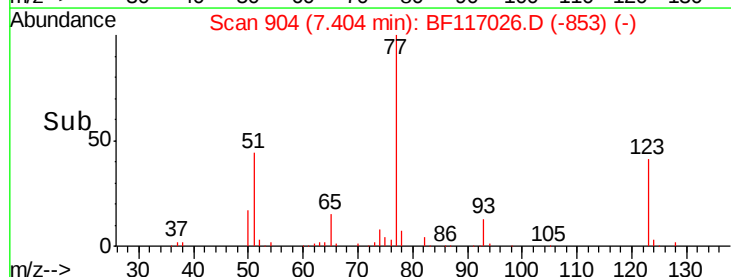
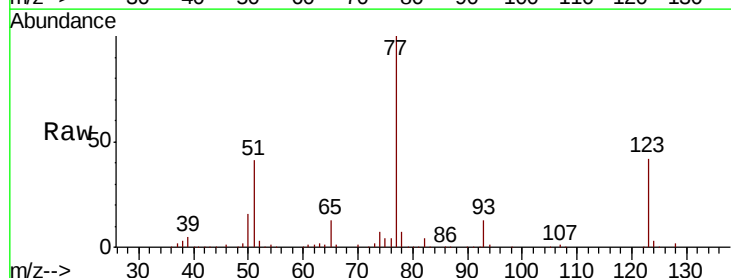
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

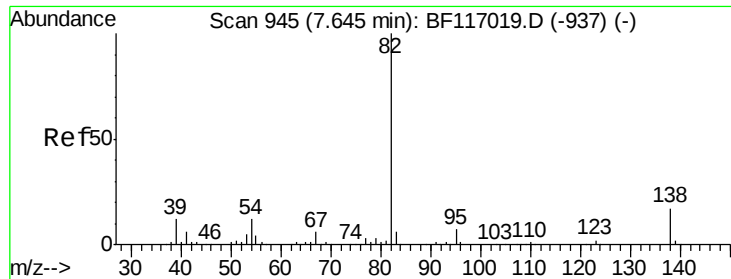
| Tot Ion   | 82   | Resp  | 483856 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 39.8 | 32.3  | 48.5   |
| 54        | 42.1 | 33.3  | 49.9   |



#24  
 Nitrobenzene  
 Concen: 38.513 ng  
 RT: 7.40 min Scan# 904  
 Delta R.T. 0.00 min  
 Lab File: BF117026.D  
 Acq: 13 Sep 2019 17:02

| Tgt Ion   | 77   | Resp  | 237076 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 42.1 | 33.5  | 50.3   |
| 65        | 13.1 | 10.5  | 15.7   |





#25

Isophorone

Concen: 37.054 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

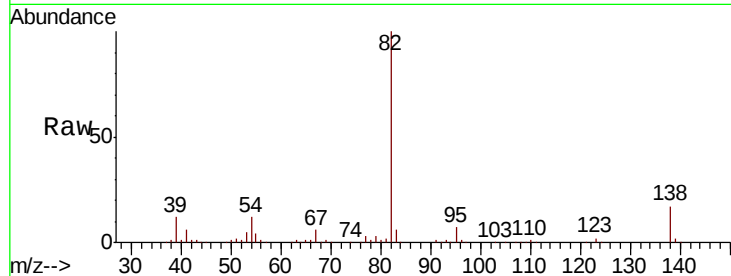
Tot Ion: 82 Resp: 408958

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

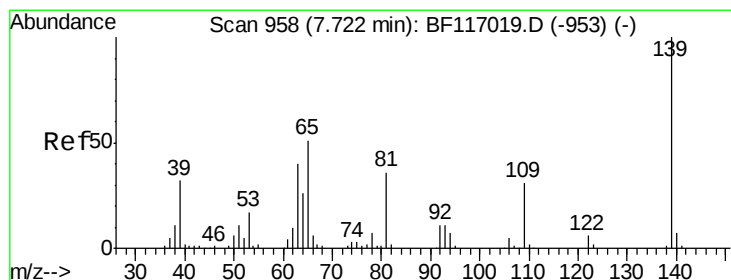
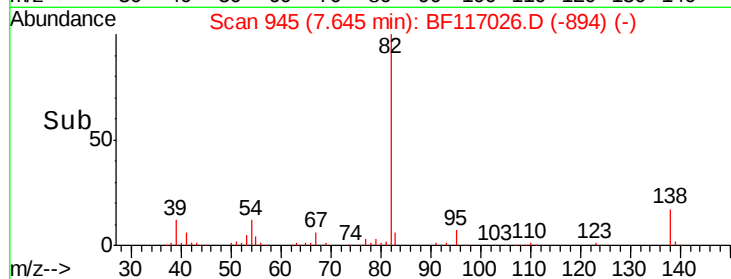
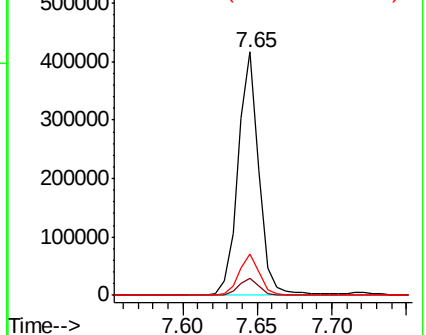
138 16.9 13.5 20.3



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: 39.113 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

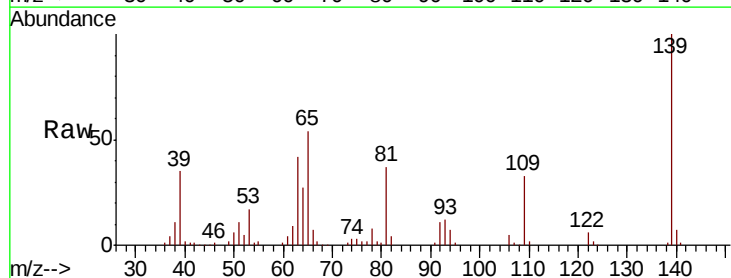
Tgt Ion: 139 Resp: 103420

Ion Ratio Lower Upper

139 100

109 32.9 24.6 36.8

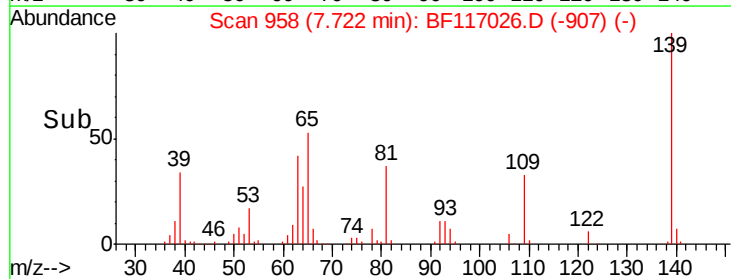
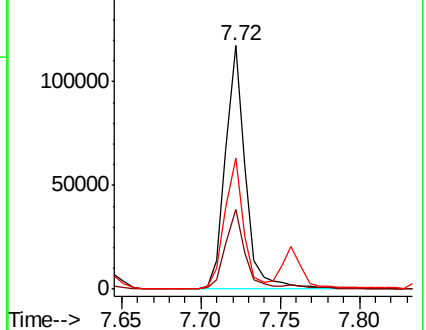
65 54.0 40.9 61.3

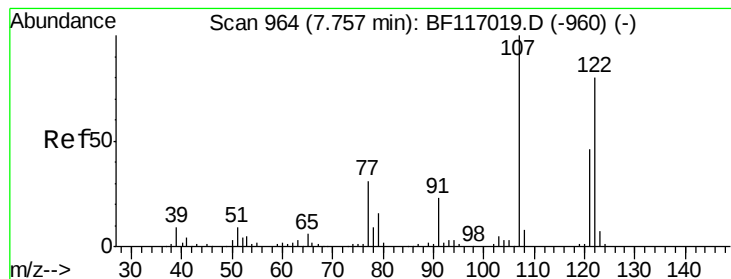


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 37.963 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

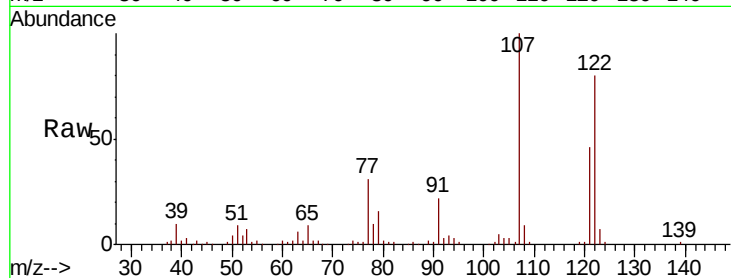
Tot Ion:122 Resp: 159181

Ion Ratio Lower Upper

122 100

107 125.2 98.9 148.3

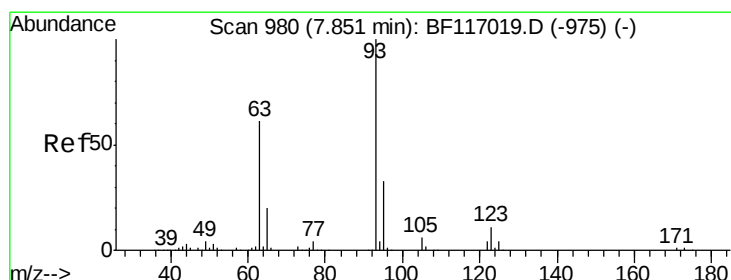
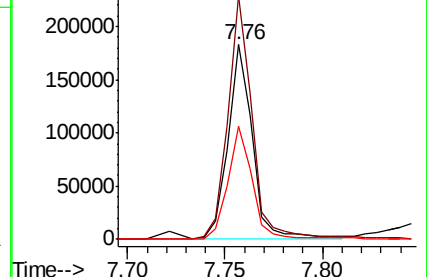
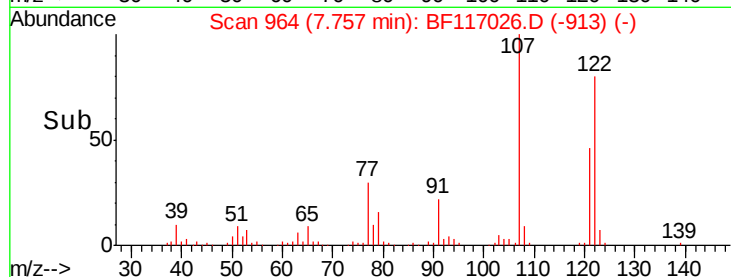
121 57.9 45.3 67.9



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: 37.651 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

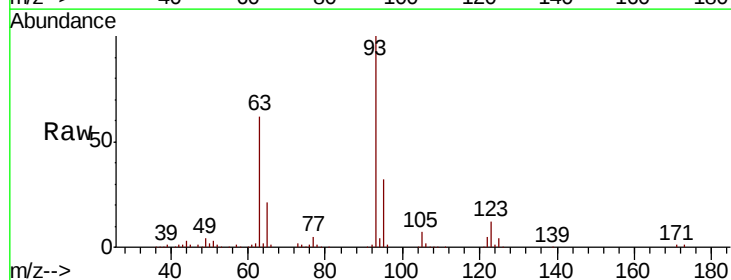
Tgt Ion: 93 Resp: 256019

Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.4

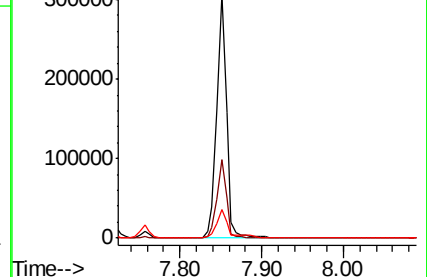
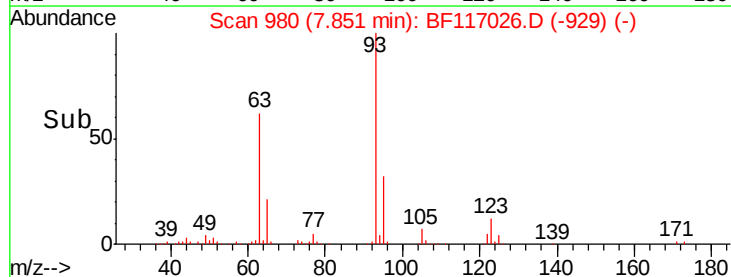
123 11.6 9.0 13.6

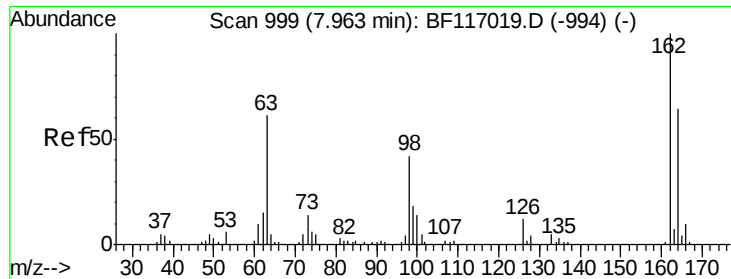


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

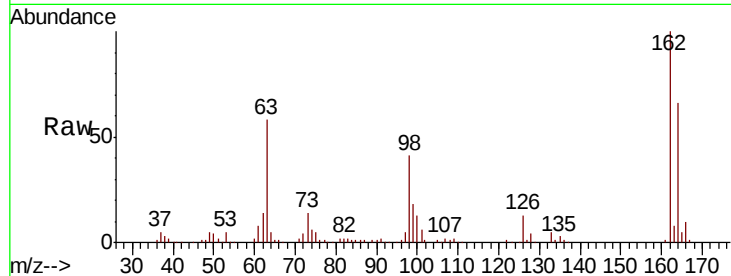




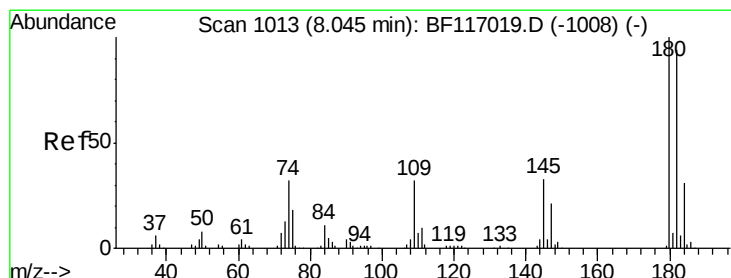
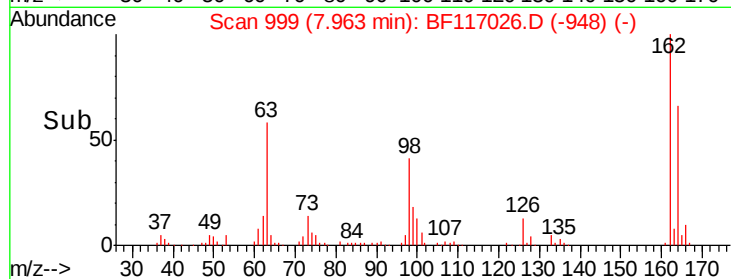
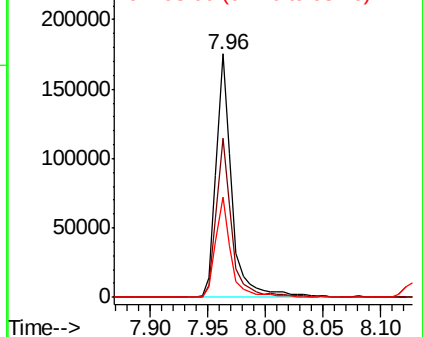
#29  
2,4-Dichlorophenol  
Concen: 37.916 ng  
RT: 7.96 min Scan# 999  
Delta R.T. 0.00 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.6  | 43.8  | 83.8  |
| 98      | 41.2  | 22.1  | 62.1  |

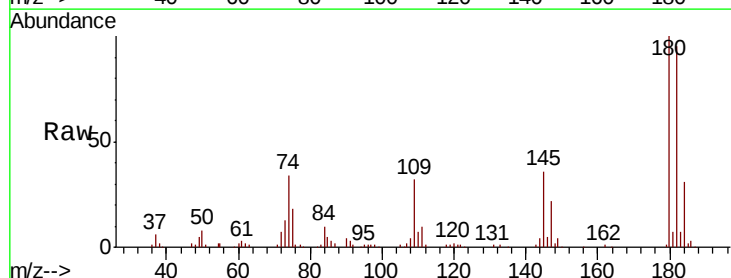


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

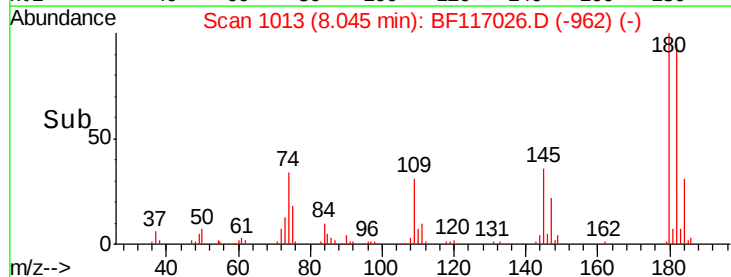
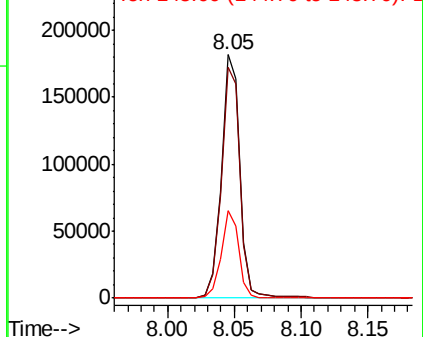


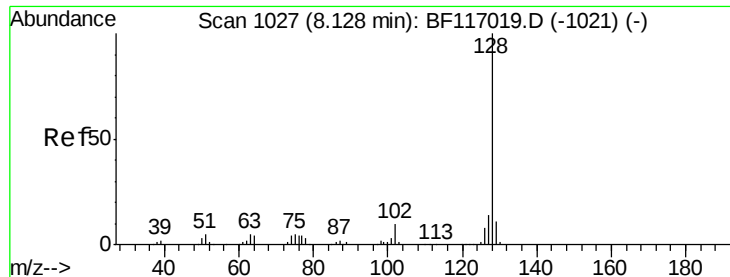
#30  
1,2,4-Trichlorobenzene  
Concen: 37.515 ng  
RT: 8.05 min Scan# 1013  
Delta R.T. 0.00 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.0  | 75.4  | 113.0 |
| 145     | 35.9  | 26.7  | 40.1  |



Abundance Ion 180.00 (179.70 to 180.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 145.00 (144.70 to 145.70): E

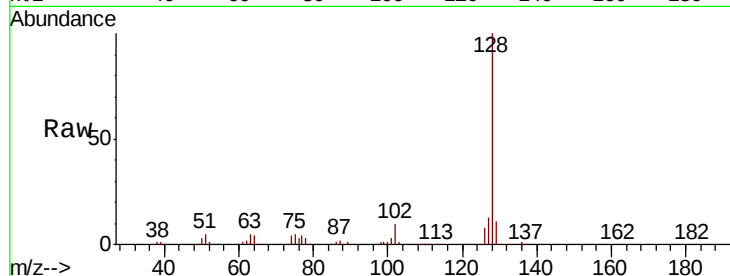




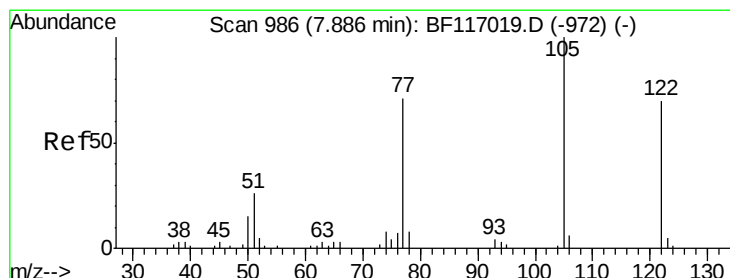
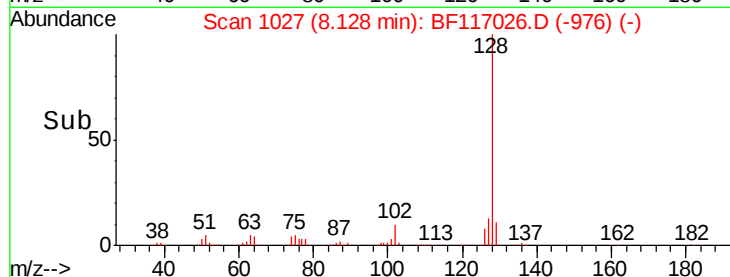
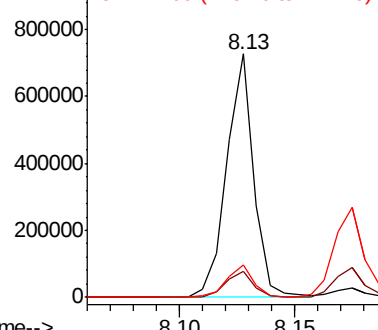
#31  
Naphthalene  
Concen: 37.813 ng  
RT: 8.13 min Scan# 1027  
Delta R.T. 0.00 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:128 Resp: 595613  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.0 13.4  
127 13.2 10.8 16.2

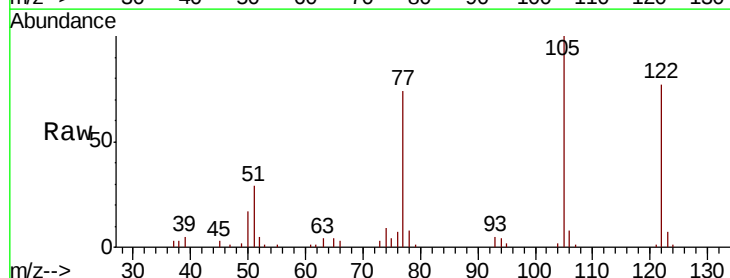


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

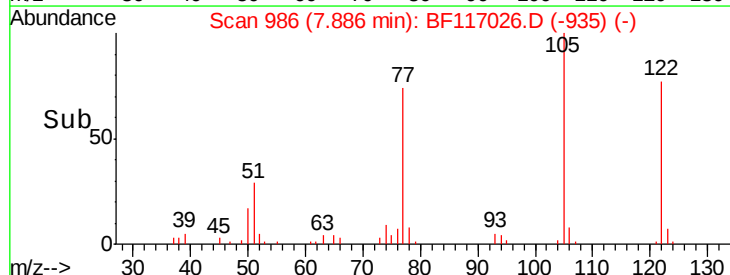
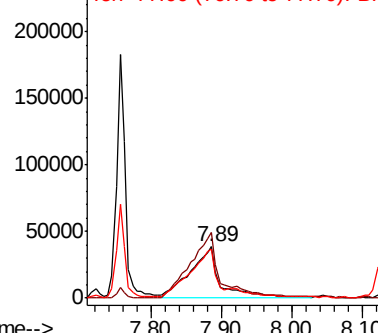


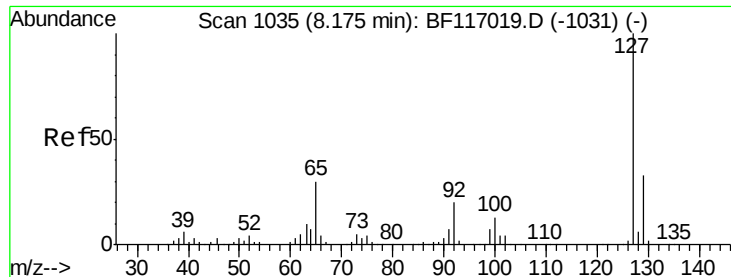
#32  
Benzoic acid  
Concen: 36.825 ng  
RT: 7.89 min Scan# 986  
Delta R.T. 0.00 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

Tgt Ion:122 Resp: 110957  
Ion Ratio Lower Upper  
122 100  
105 129.6 114.8 154.8  
77 96.5 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

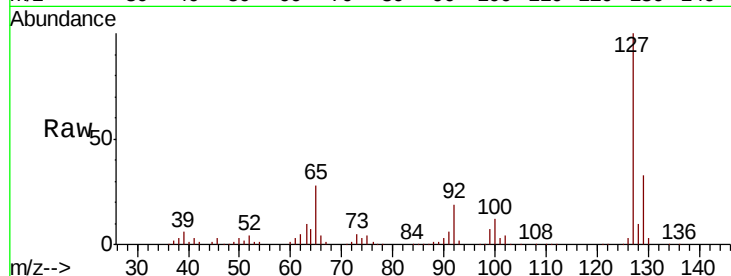




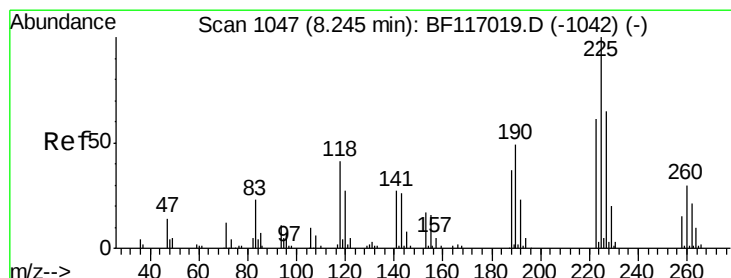
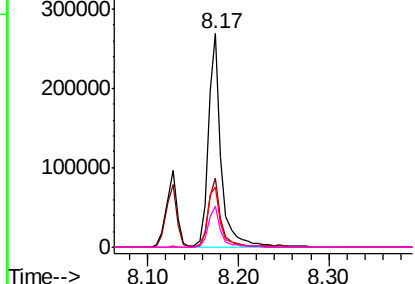
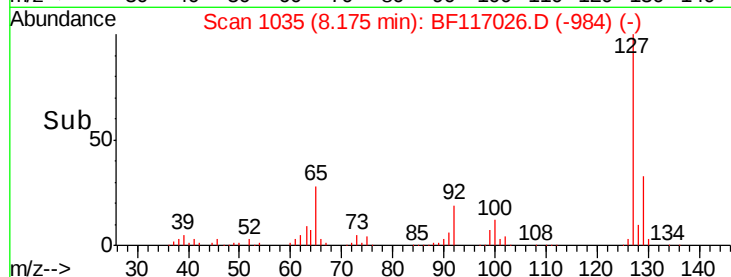
#33  
4-Chloroaniline  
Concen: 38.021 ng  
RT: 8.17 min Scan# 1035  
Delta R.T. 0.00 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 265631 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.5  | 26.2  | 39.2   |
| 65       | 28.4  | 23.5  | 35.3   |
| 92       | 19.5  | 15.9  | 23.9   |

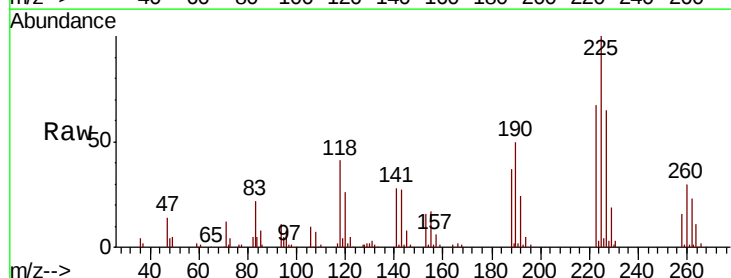


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

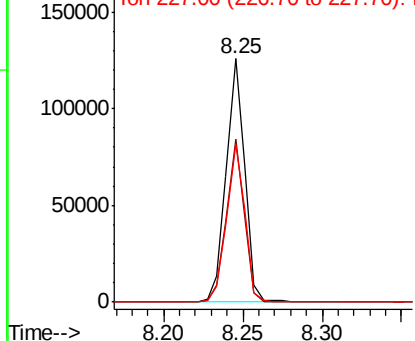
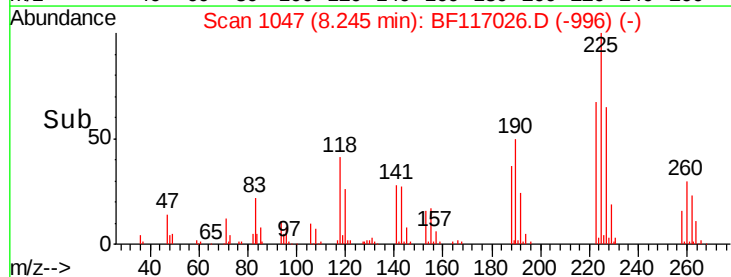


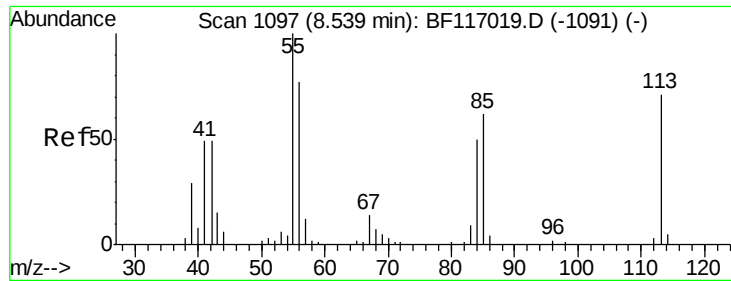
#34  
Hexachlorobutadiene  
Concen: 37.763 ng  
RT: 8.25 min Scan# 1047  
Delta R.T. 0.00 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 101695 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 67.0  | 49.1  | 73.7   |
| 227      | 65.0  | 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: 36.740 ng

RT: 8.55 min Scan# 1098

Delta R.T. 0.01 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

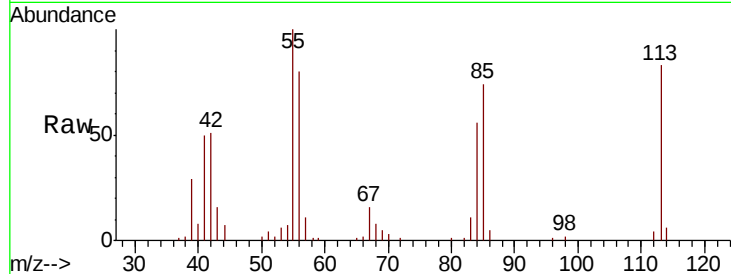
Tot Ion:113 Resp: 54636

Ion Ratio Lower Upper

113 100

55 120.6 120.6 160.6#

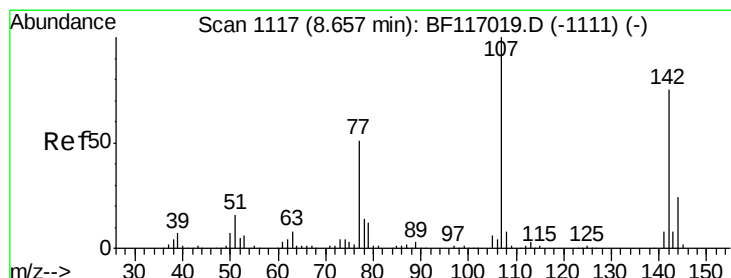
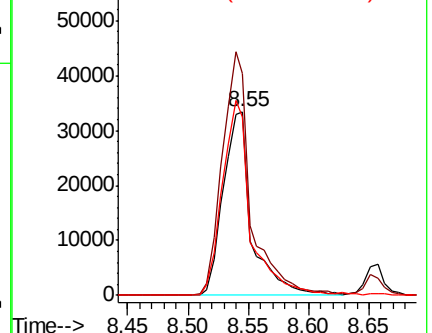
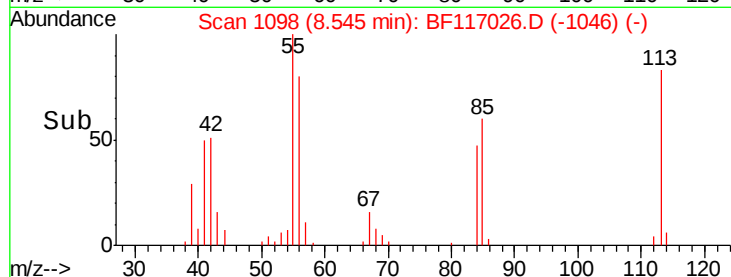
56 96.8 88.8 128.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 37.392 ng

RT: 8.66 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

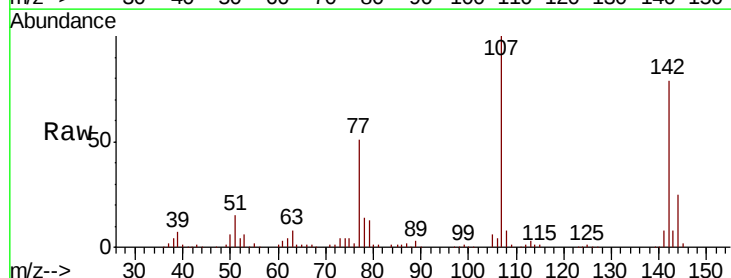
Tgt Ion:107 Resp: 191554

Ion Ratio Lower Upper

107 100

144 24.8 19.2 28.8

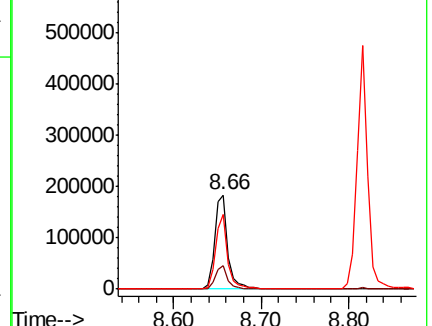
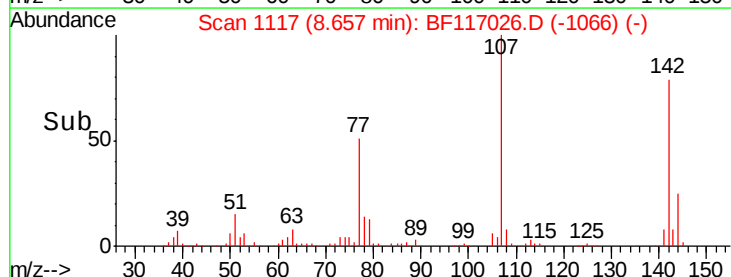
142 79.3 59.6 89.4

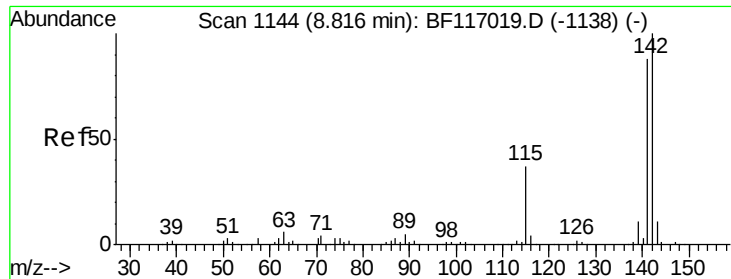


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

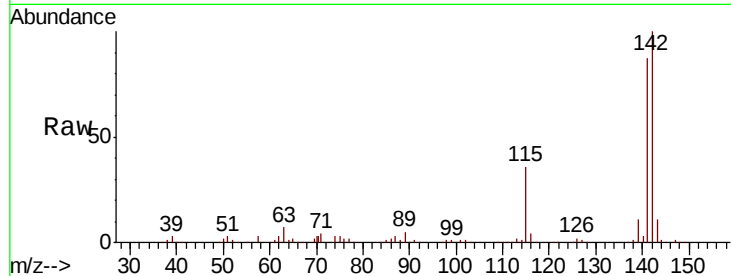




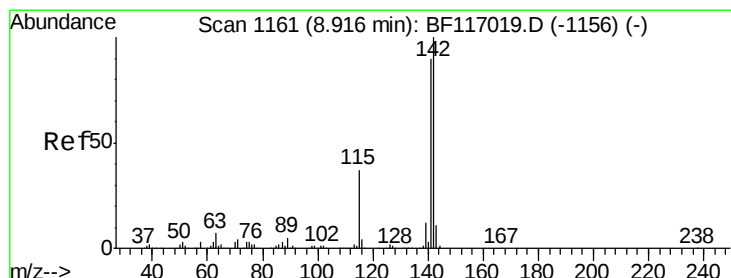
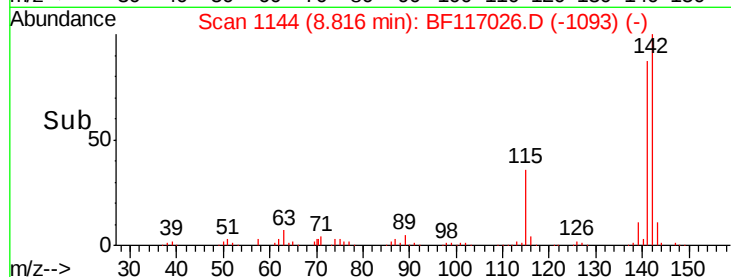
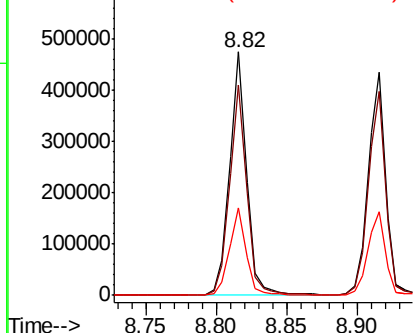
#37  
2-Methylnaphthalene  
Concen: 37.783 ng  
RT: 8.82 min Scan# 1144  
Delta R.T. 0.00 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:142 Resp: 400761  
Ion Ratio Lower Upper  
142 100  
141 86.5 70.7 106.1  
115 35.7 29.4 44.0

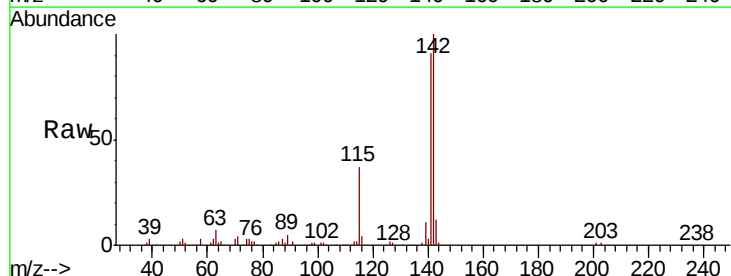


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

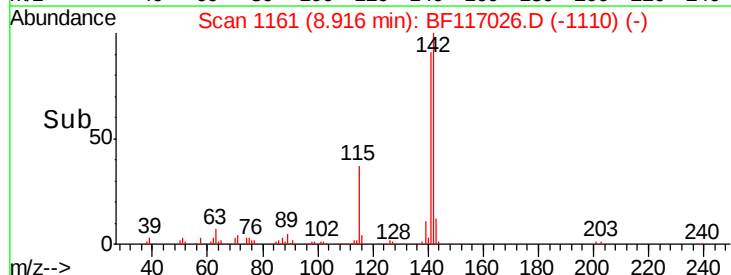
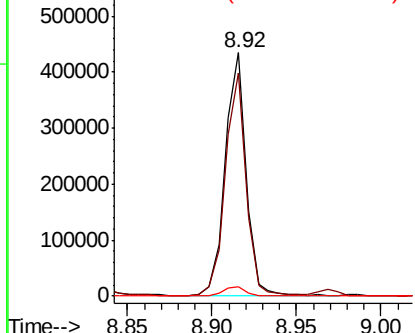


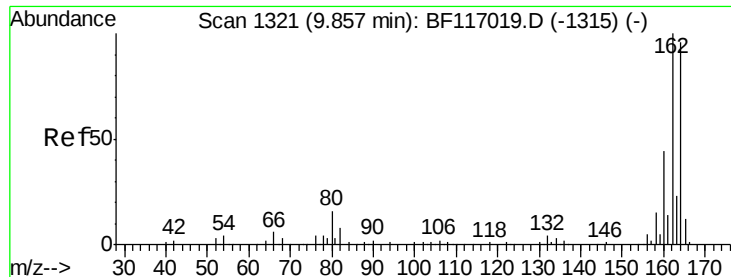
#38  
1-Methylnaphthalene  
Concen: 37.474 ng  
RT: 8.92 min Scan# 1161  
Delta R.T. 0.00 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

Tgt Ion:142 Resp: 372282  
Ion Ratio Lower Upper  
142 100  
141 91.5 71.9 107.9  
116 3.9 3.2 4.8



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

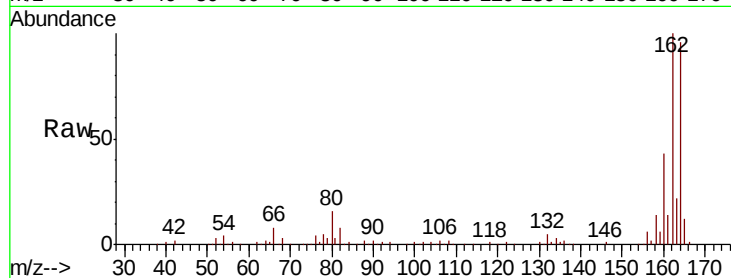
Tot Ion:164 Resp: 163674

Ion Ratio Lower Upper

164 100

162 103.7 83.4 125.2

160 44.5 36.4 54.6

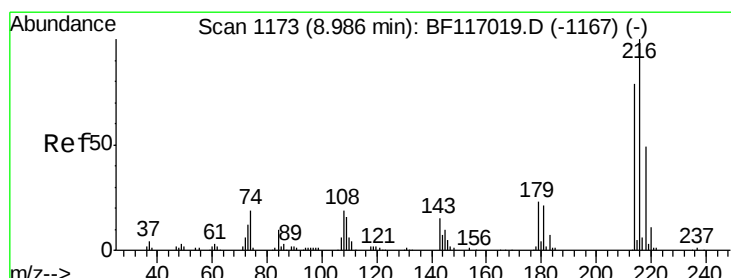
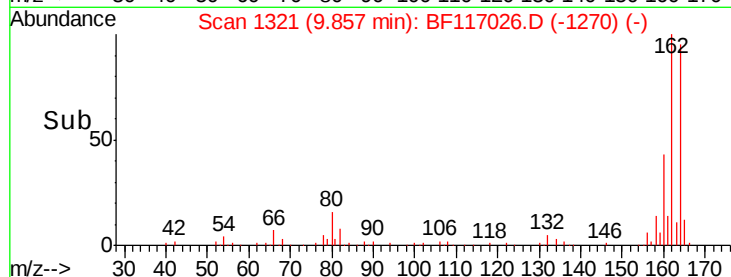
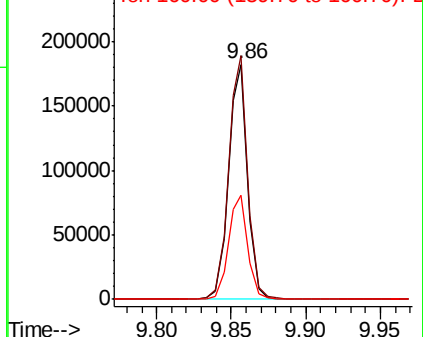


Abundance

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: 38.408 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

Tgt Ion:216 Resp: 162331

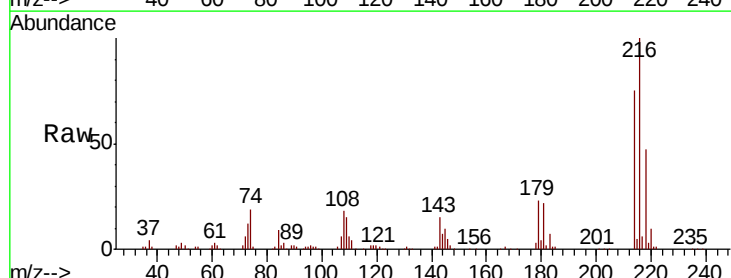
Ion Ratio Lower Upper

216 100

214 77.3 63.6 95.4

179 23.6 18.3 27.5

108 22.6 17.8 26.6



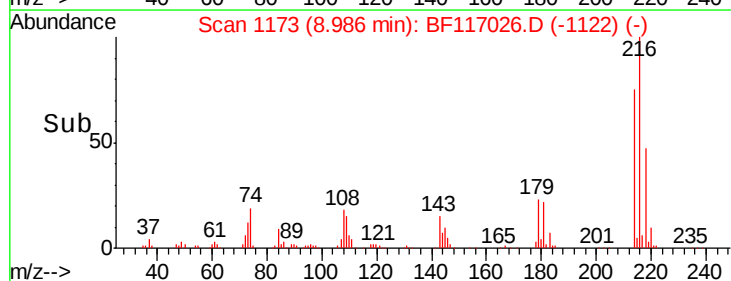
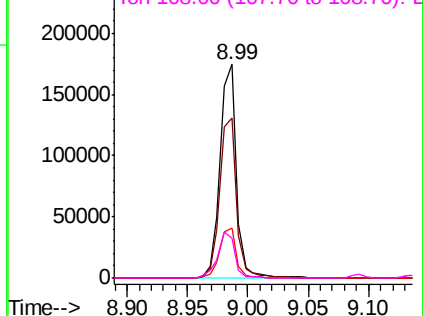
Abundance

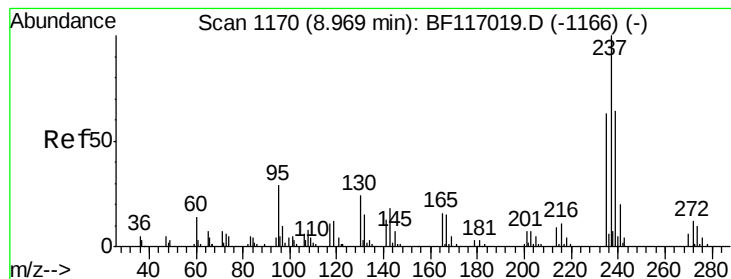
Ion 216.00 (215.70 to 216.70): E

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: 36.981 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

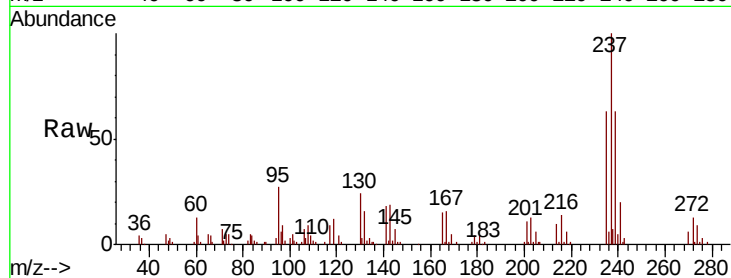
Tot Ion:237 Resp: 60349

Ion Ratio Lower Upper

237 100

235 63.4 43.2 83.2

272 12.6 0.0 31.9

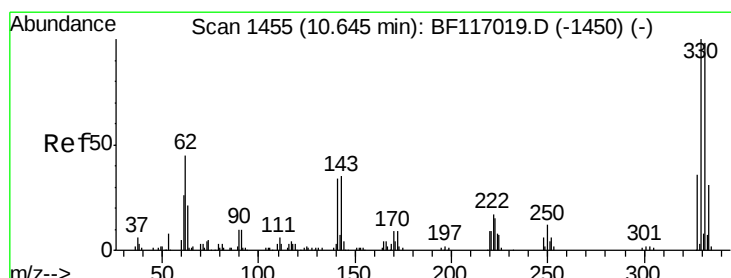
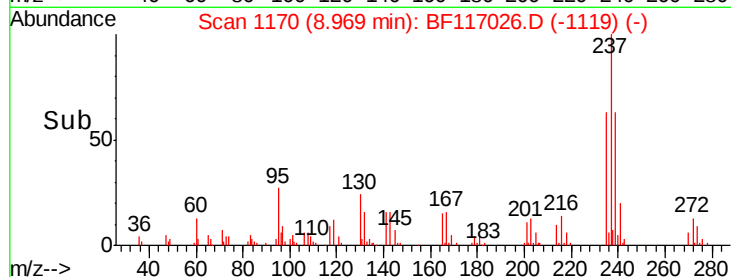
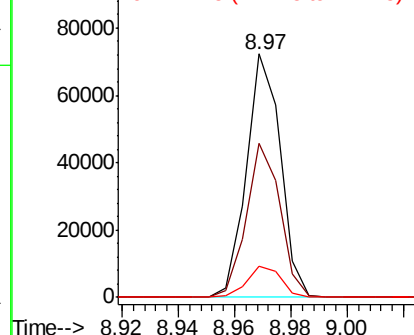


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 75.873 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

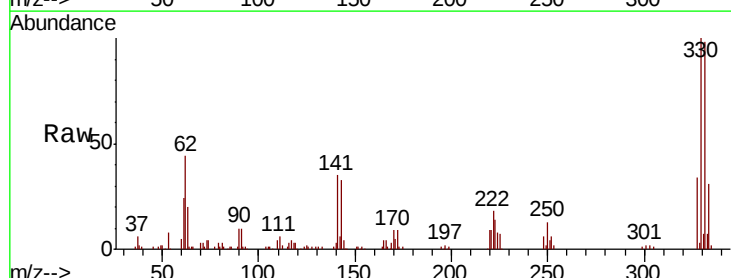
Tgt Ion:330 Resp: 103790

Ion Ratio Lower Upper

330 100

332 94.8 78.0 117.0

141 44.9 35.8 53.6

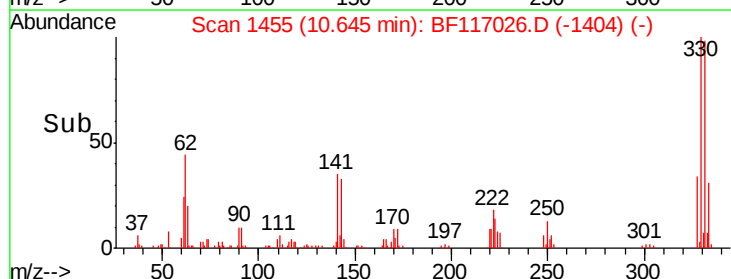
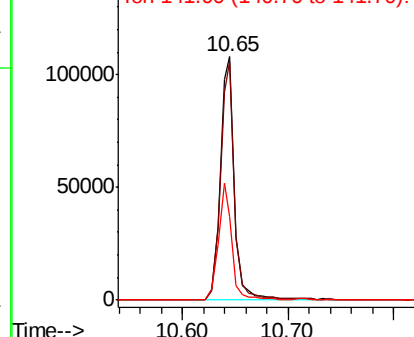


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

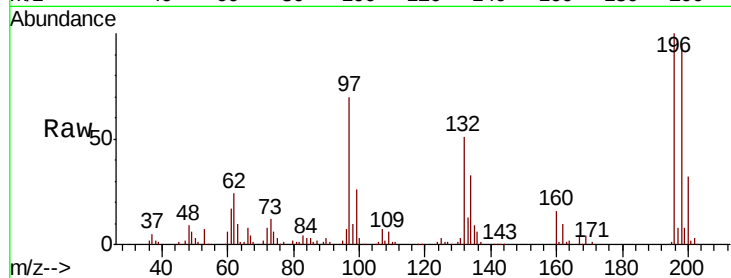




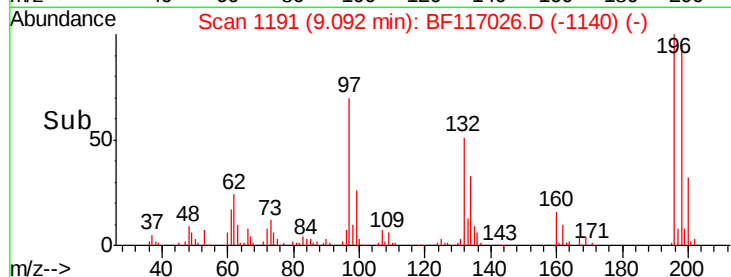
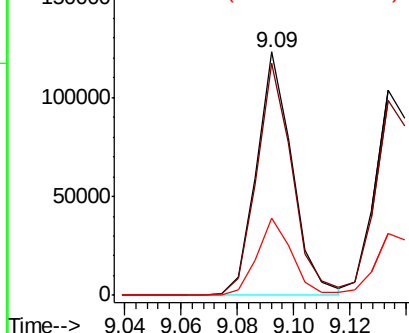
#43  
 2,4,6-Trichlorophenol  
 Concen: 37.490 ng  
 RT: 9.09 min Scan# 1191  
 Delta R.T. 0.00 min  
 Lab File: BF117026.D  
 Acq: 13 Sep 2019 17:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:196 Resp: 107530  
 Ion Ratio Lower Upper  
 196 100  
 198 95.1 75.7 113.5  
 200 31.6 23.3 34.9



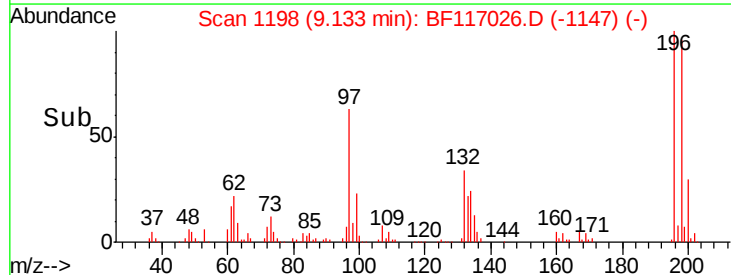
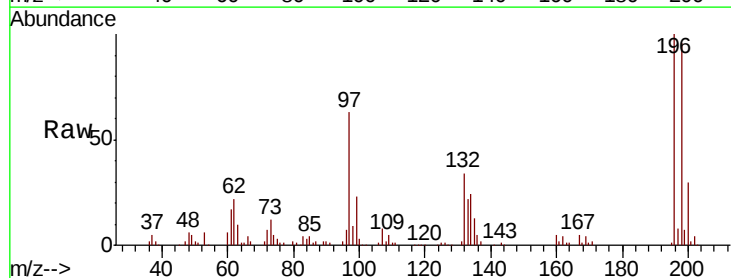
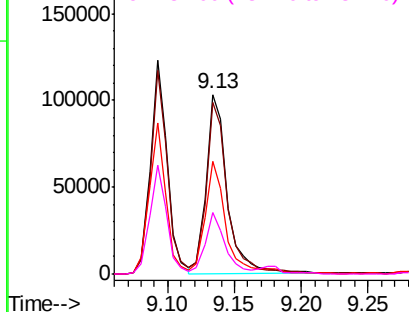
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

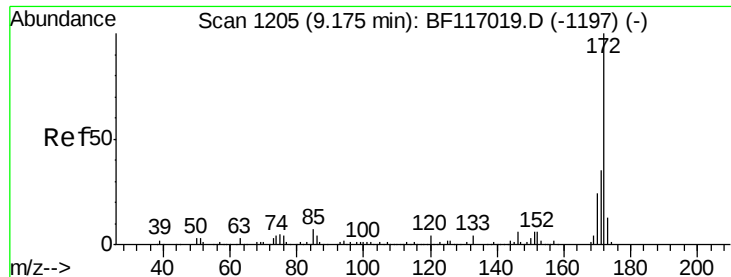


#44  
 2,4,5-Trichlorophenol  
 Concen: 37.408 ng  
 RT: 9.13 min Scan# 1198  
 Delta R.T. 0.00 min  
 Lab File: BF117026.D  
 Acq: 13 Sep 2019 17:02

Tgt Ion:196 Resp: 114636  
 Ion Ratio Lower Upper  
 196 100  
 198 95.5 74.6 112.0  
 97 62.8 49.5 74.3  
 132 34.2 27.4 41.2

Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF1  
 Ion 132.00 (131.70 to 132.70): E

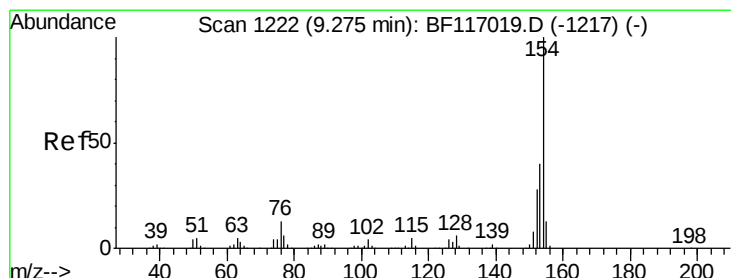
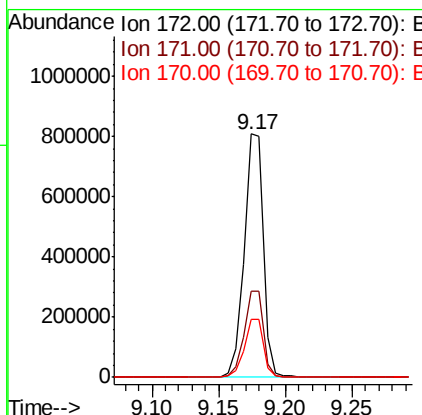
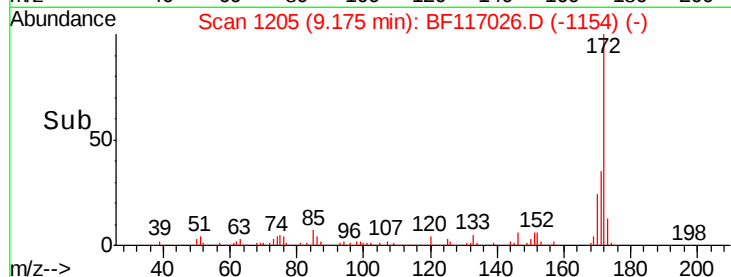
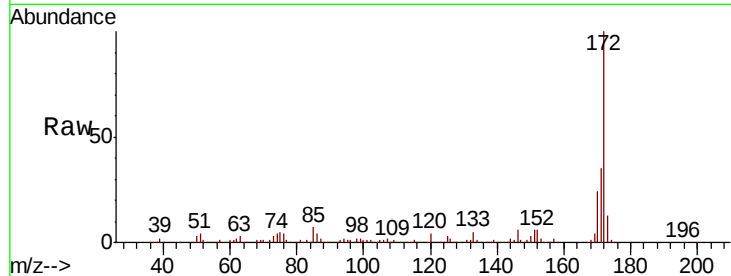




#45  
2-Fluorobiphenyl  
Concen: 76.544 ng  
RT: 9.17 min Scan# 1205  
Delta R.T. 0.00 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

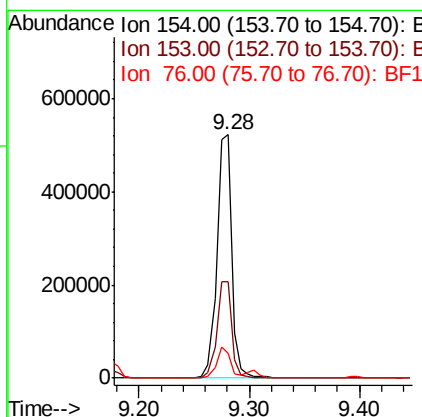
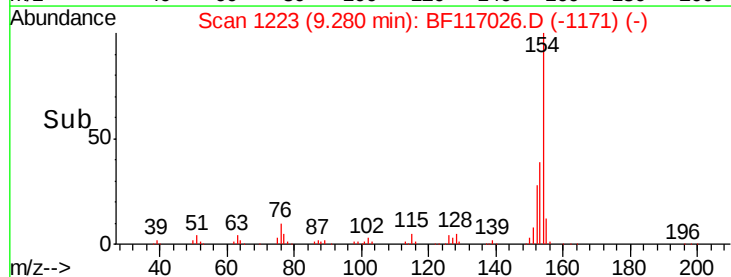
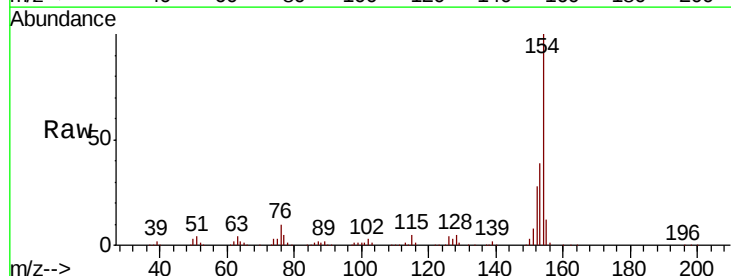
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

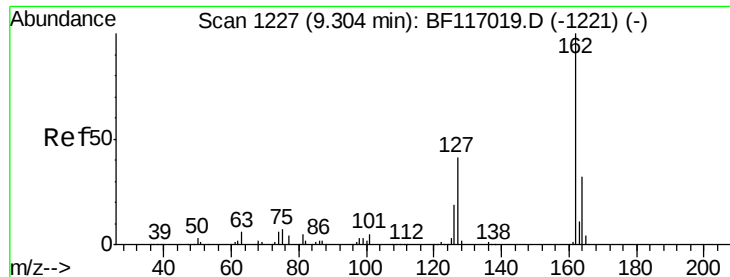
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.1  | 28.2  | 42.2  |
| 170     | 23.7  | 18.9  | 28.3  |



#46  
1,1'-Biphenyl  
Concen: 38.049 ng  
RT: 9.28 min Scan# 1223  
Delta R.T. 0.01 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 39.4  | 20.0  | 60.0  |
| 76      | 10.0  | 0.0   | 32.7  |

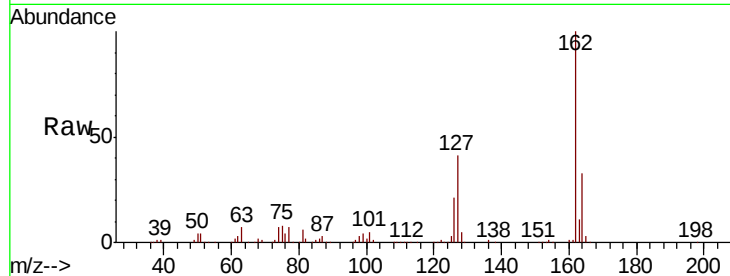




#47  
2-Chloronaphthalene  
Concen: 37.821 ng  
RT: 9.30 min Scan# 1227  
Delta R.T. 0.00 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.3  | 34.1  | 51.1  |
| 164     | 32.6  | 25.9  | 38.9  |

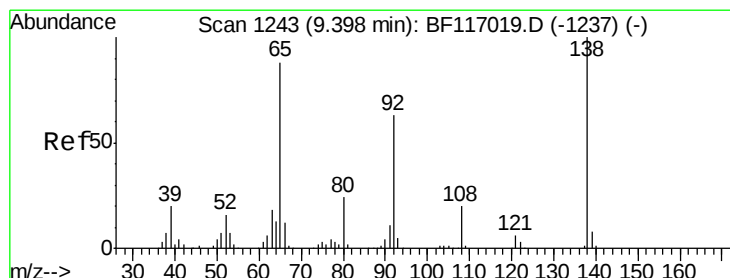
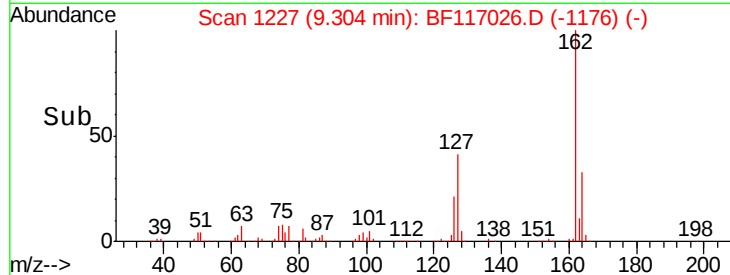
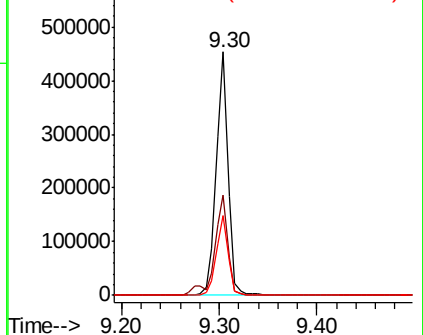


Abundance

Ion 162.00 (161.70 to 162.70): E

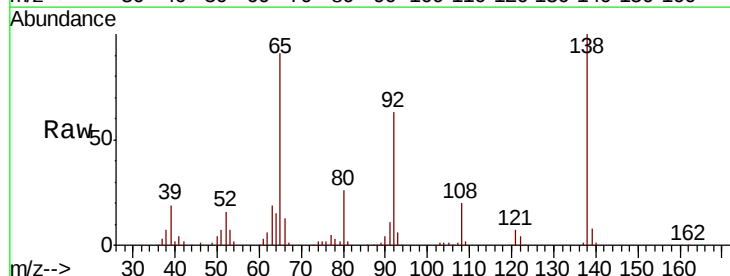
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48  
2-Nitroaniline  
Concen: 38.740 ng  
RT: 9.40 min Scan# 1243  
Delta R.T. 0.00 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 69.2  | 57.5  | 86.3  |
| 138     | 109.3 | 90.6  | 136.0 |

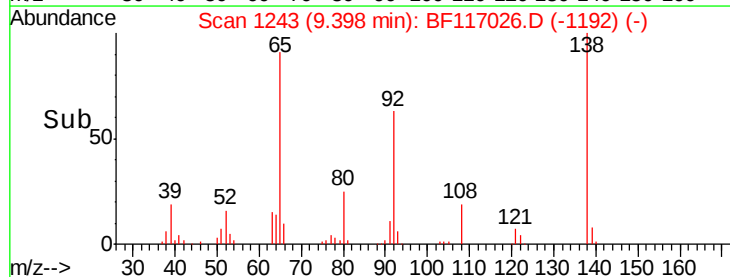
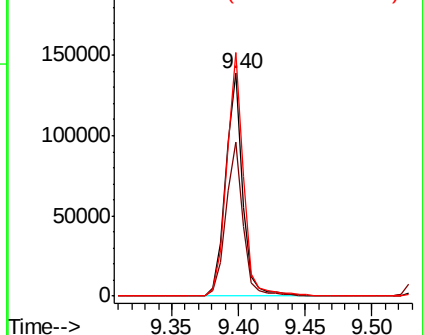


Abundance

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: 37.933 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

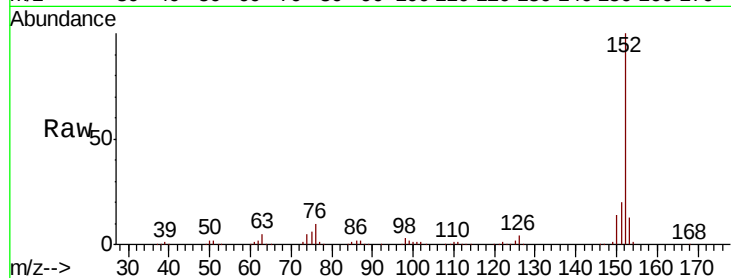
Tot Ion:152 Resp: 575779

Ion Ratio Lower Upper

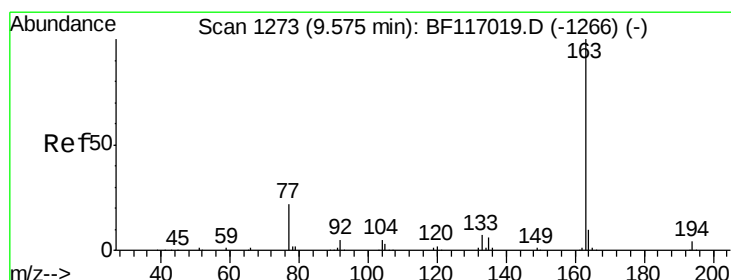
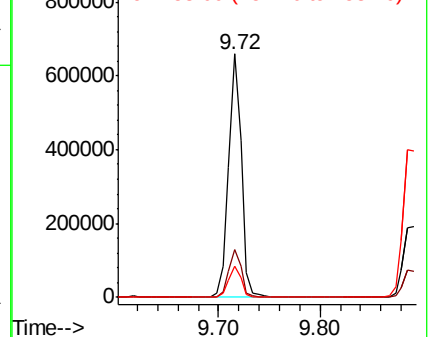
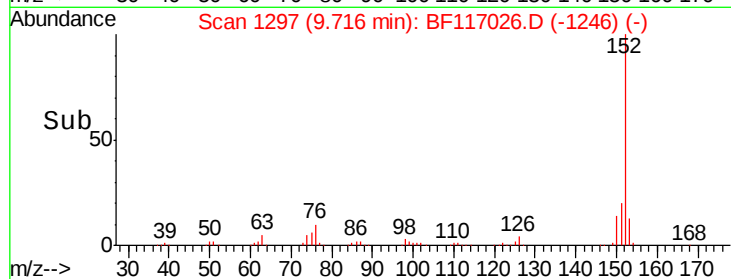
152 100

151 19.6 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: 36.882 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

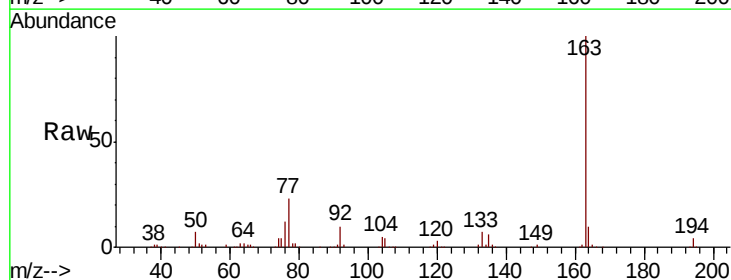
Tgt Ion:163 Resp: 427423

Ion Ratio Lower Upper

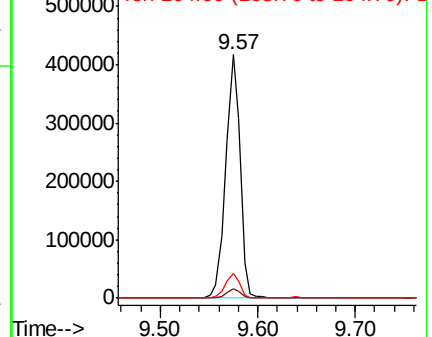
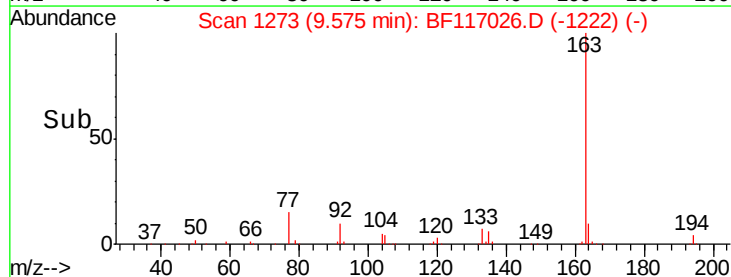
163 100

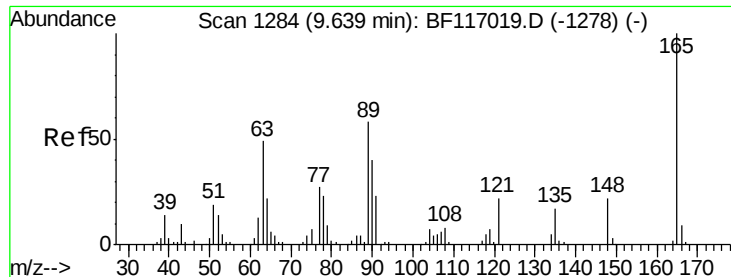
194 3.6 2.9 4.3

164 10.0 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

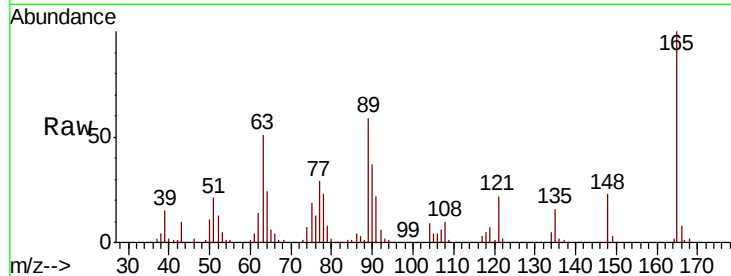




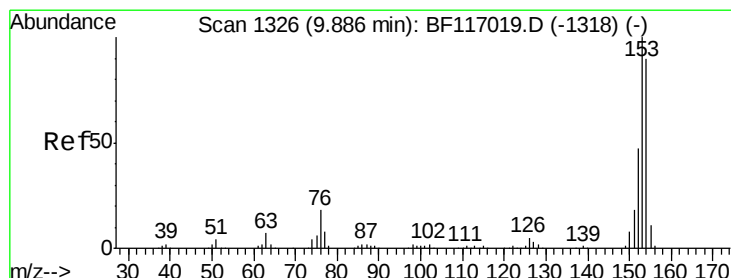
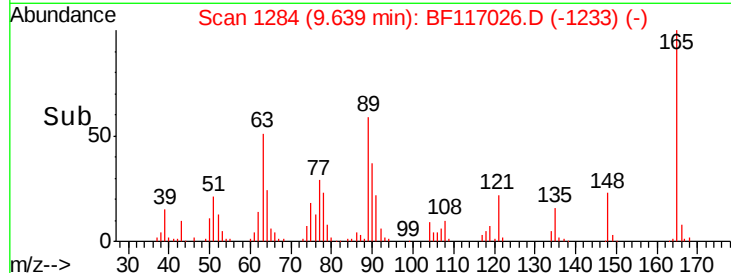
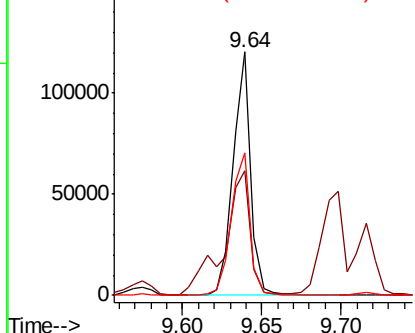
#51  
 2,6-Dinitrotoluene  
 Concen: 39.360 ng  
 RT: 9.64 min Scan# 1284  
 Delta R.T. 0.00 min  
 Lab File: BF117026.D  
 Acq: 13 Sep 2019 17:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:165 Resp: 92900  
 Ion Ratio Lower Upper  
 165 100  
 63 51.4 41.8 62.8  
 89 58.6 46.5 69.7

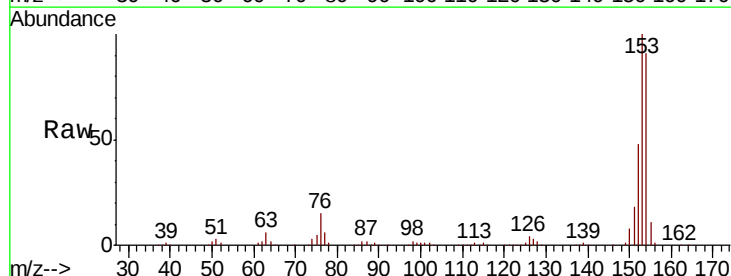


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1

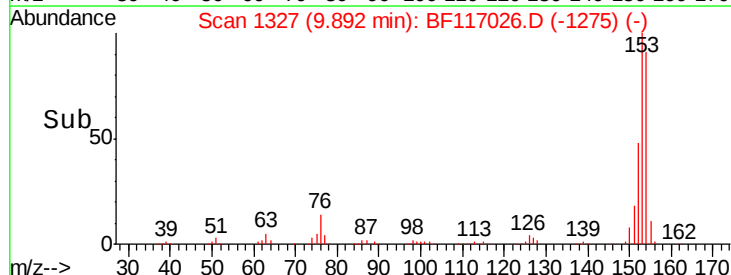
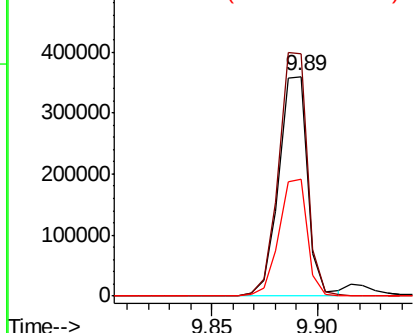


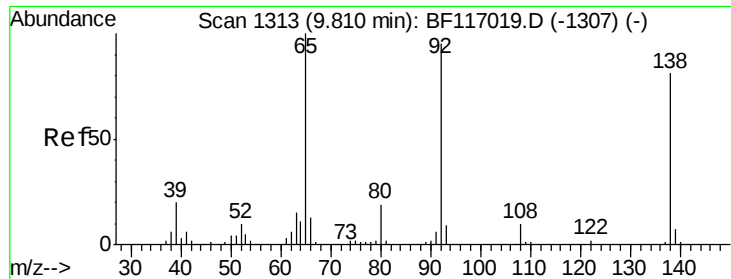
#52  
 Acenaphthene  
 Concen: 38.086 ng  
 RT: 9.89 min Scan# 1327  
 Delta R.T. 0.01 min  
 Lab File: BF117026.D  
 Acq: 13 Sep 2019 17:02

Tgt Ion:154 Resp: 342688  
 Ion Ratio Lower Upper  
 154 100  
 153 110.2 89.0 133.6  
 152 53.1 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

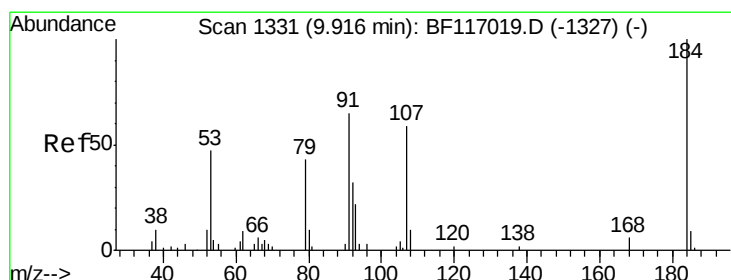
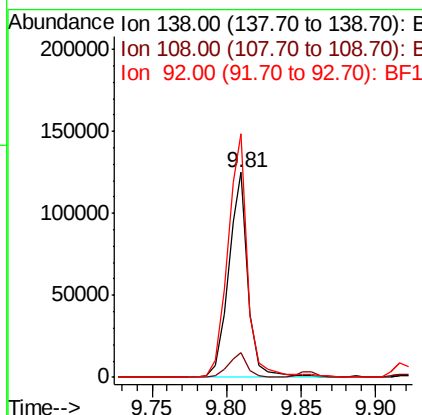
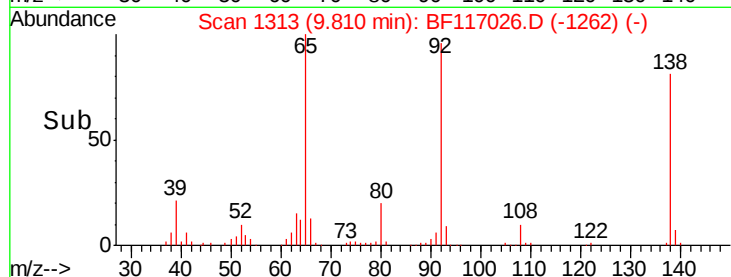
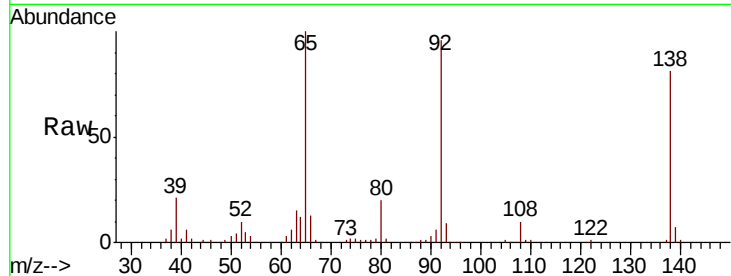




#53  
 3-Nitroaniline  
 Concen: 38.387 ng  
 RT: 9.81 min Scan# 1313  
 Delta R.T. 0.00 min  
 Lab File: BF117026.D  
 Acq: 13 Sep 2019 17:02

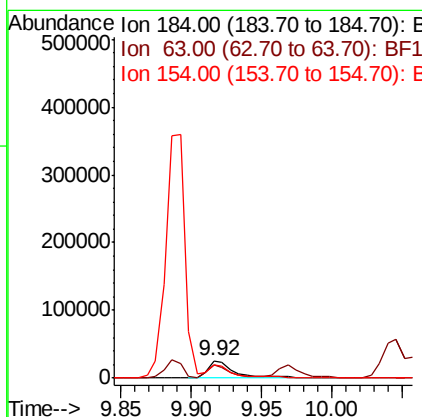
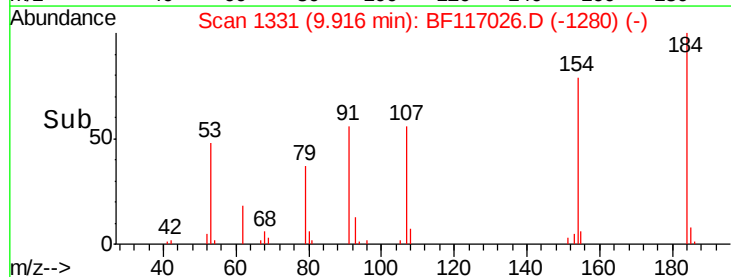
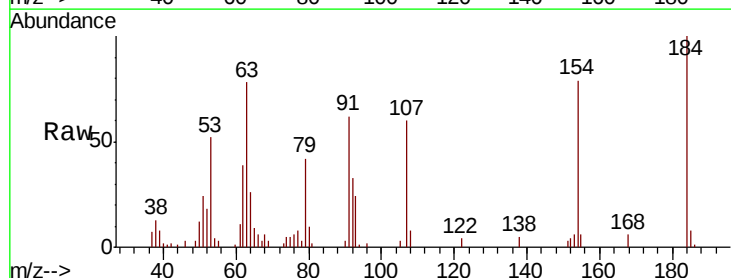
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

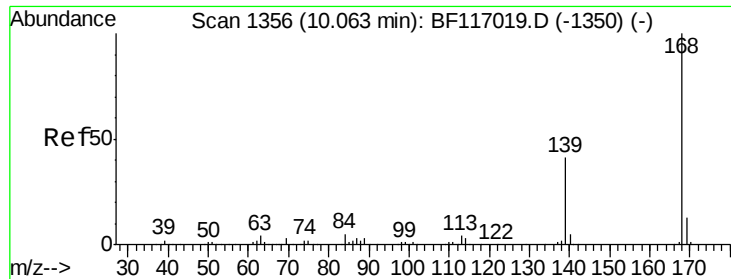
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.9  | 9.5   | 14.3  |
| 92      | 118.9 | 94.1  | 141.1 |



#54  
 2,4-Dinitrophenol  
 Concen: 37.496 ng  
 RT: 9.92 min Scan# 1331  
 Delta R.T. 0.00 min  
 Lab File: BF117026.D  
 Acq: 13 Sep 2019 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 77.8  | 63.8  | 95.6  |
| 154     | 79.0  | 60.4  | 90.6  |

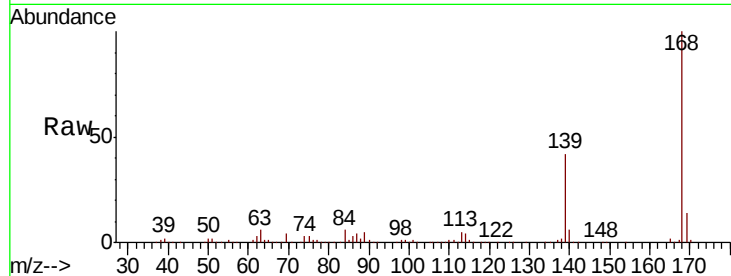




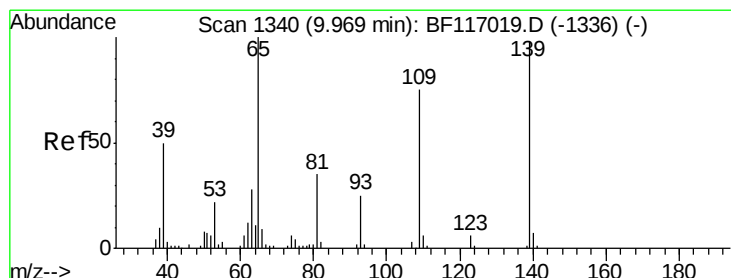
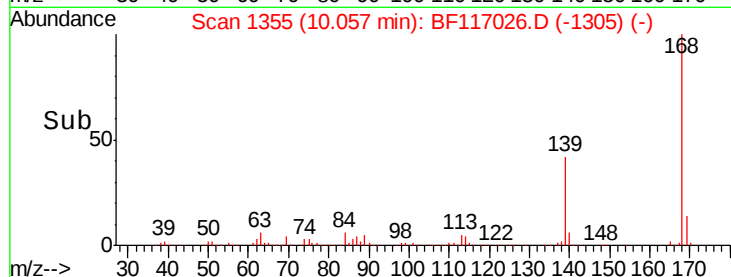
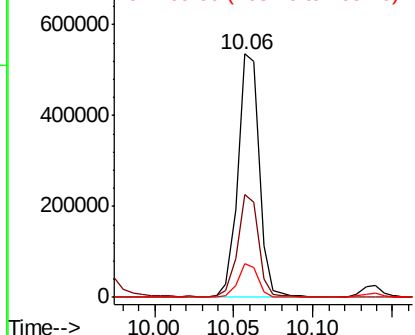
#55  
Dibenzenofuran  
Concen: 38.126 ng  
RT: 10.06 min Scan# 1355  
Delta R.T. -0.01 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:168 Resp: 506144  
Ion Ratio Lower Upper  
168 100  
139 42.2 32.8 49.2  
169 13.6 10.5 15.7

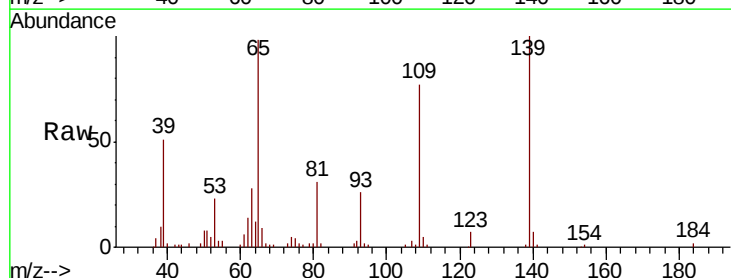


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

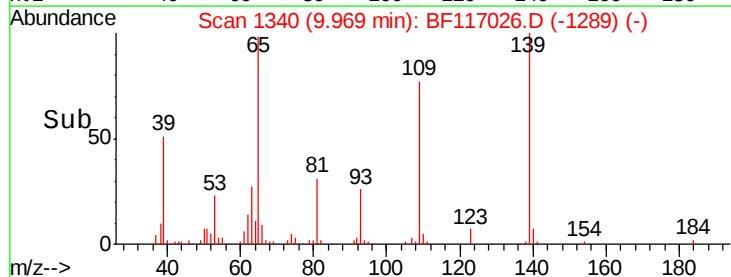
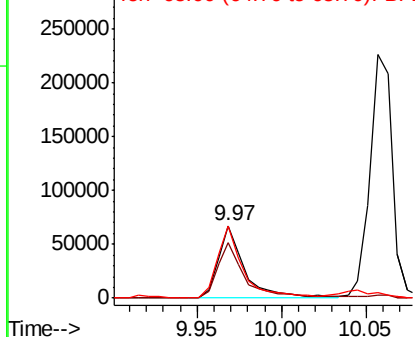


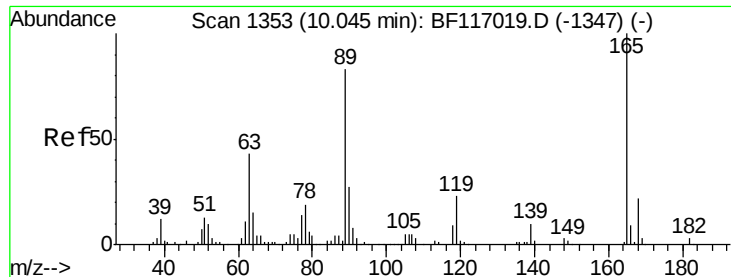
#56  
4-Nitrophenol  
Concen: 38.485 ng  
RT: 9.97 min Scan# 1340  
Delta R.T. 0.00 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

Tgt Ion:139 Resp: 74279  
Ion Ratio Lower Upper  
139 100  
109 77.1 56.4 96.4  
65 98.4 82.5 122.5



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

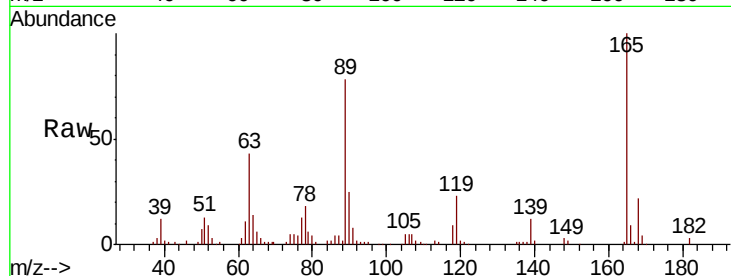




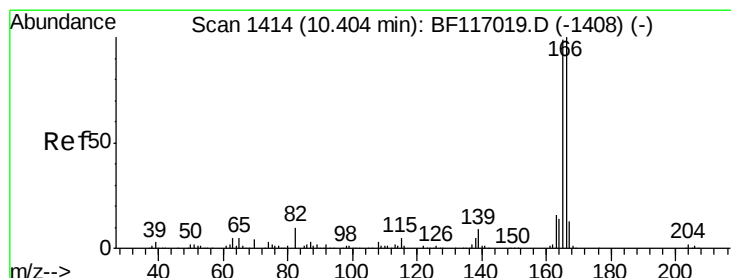
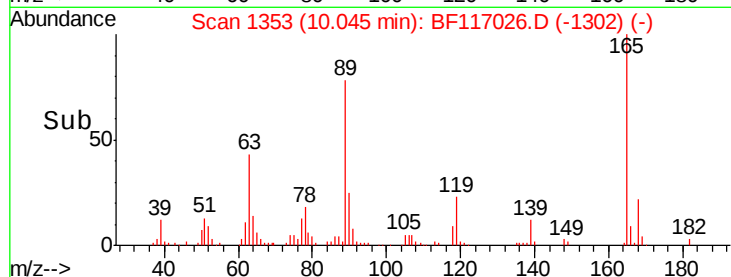
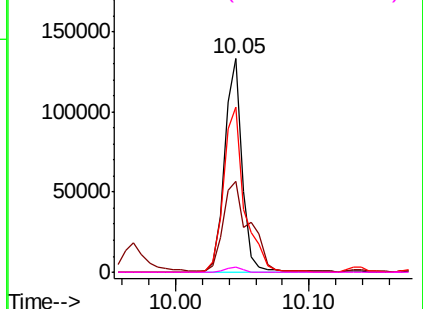
#57  
2,4-Dinitrotoluene  
Concen: 40.447 ng  
RT: 10.05 min Scan# 1353  
Delta R.T. 0.00 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 165   | Resp: | 123921 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 42.6  | 35.0  | 52.4   |
| 89       | 77.5  | 66.1  | 99.1   |
| 182      | 2.7   | 2.0   | 3.0    |

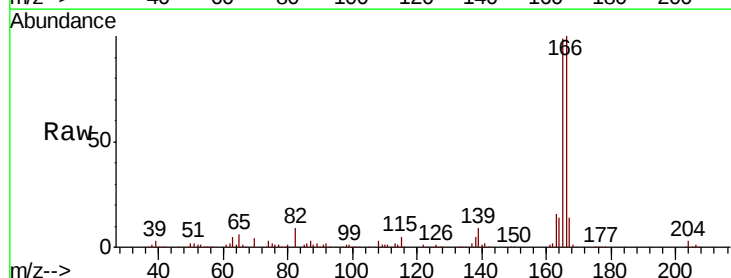


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1  
Ion 182.00 (181.70 to 182.70): E

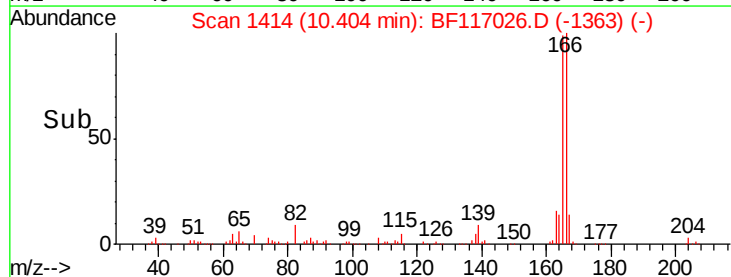
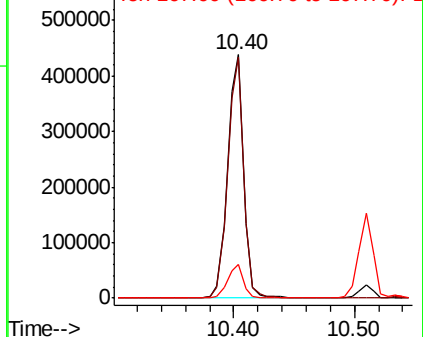


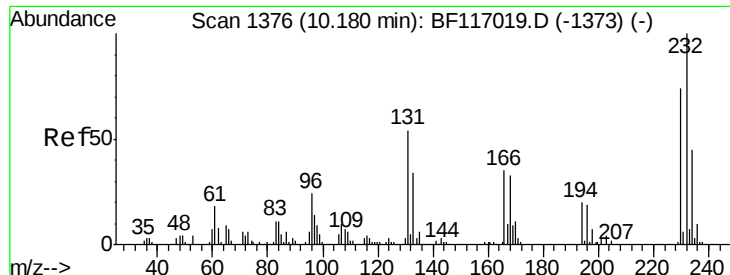
#58  
Fluorene  
Concen: 37.611 ng  
RT: 10.40 min Scan# 1414  
Delta R.T. 0.00 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 402210 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 99.2  | 78.9  | 118.3  |
| 167      | 13.6  | 10.6  | 15.8   |



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 36.430 ng

RT: 10.18 min Scan# 1376

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 85431

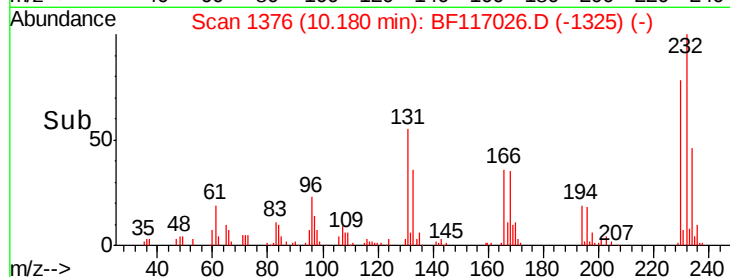
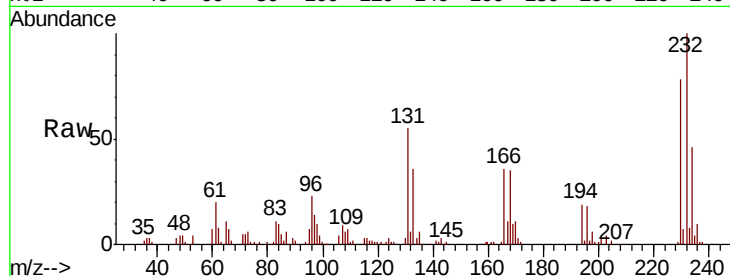
Ion Ratio Lower Upper

232 100

131 61.5 45.3 67.9

130 2.9 1.8 2.8#

166 36.8 29.4 44.2

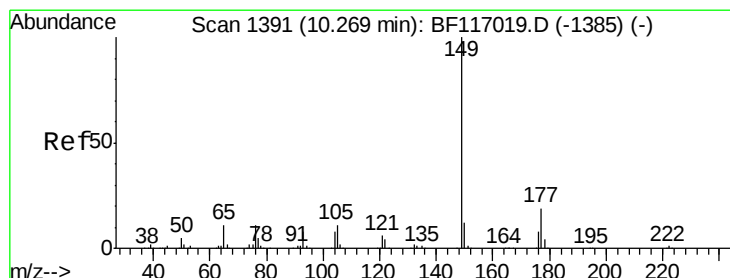
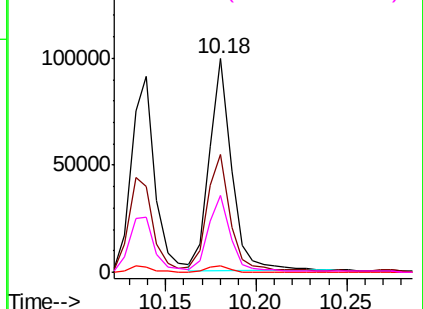


Abundance Ion 232.00 (231.70 to 232.70): E

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: 36.696 ng

RT: 10.27 min Scan# 1392

Delta R.T. 0.01 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

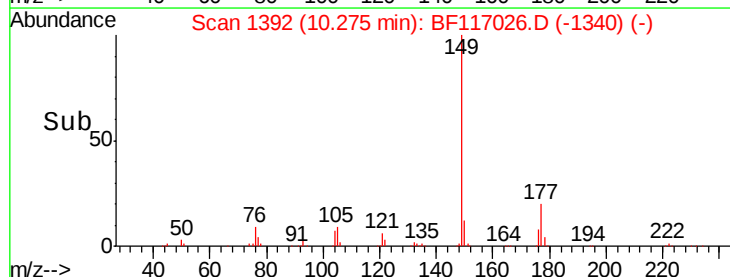
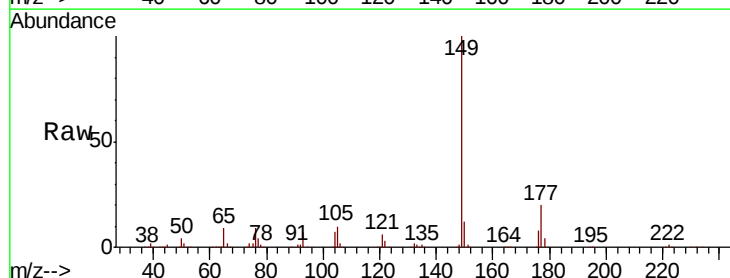
Tgt Ion:149 Resp: 418392

Ion Ratio Lower Upper

149 100

177 20.5 15.2 22.8

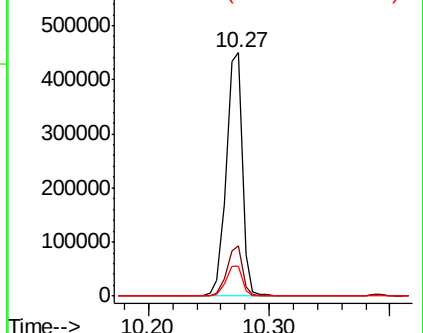
150 12.0 9.9 14.9

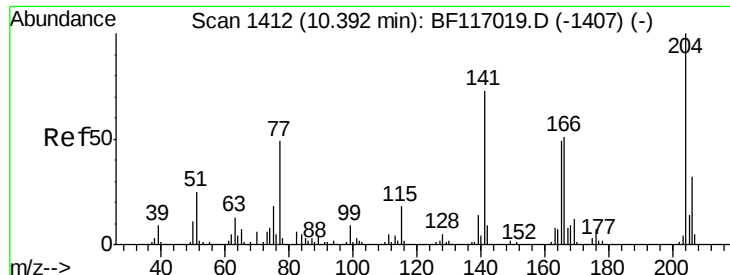


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

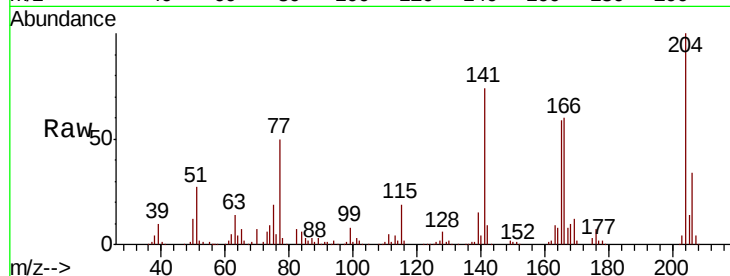




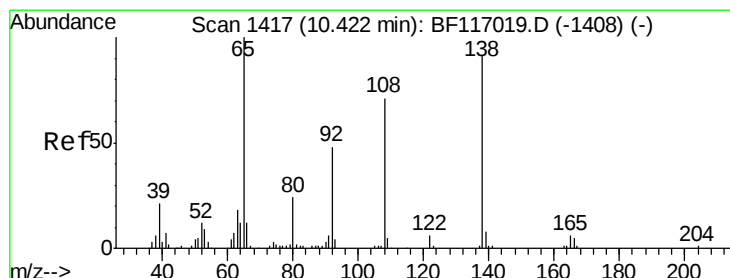
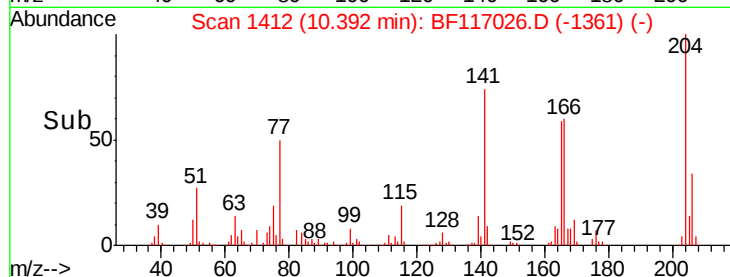
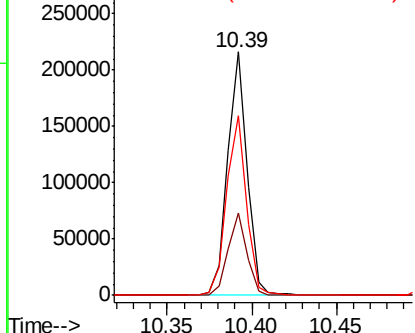
#61  
4-Chlorophenyl-phenylether  
Concen: 37.336 ng  
RT: 10.39 min Scan# 1412  
Delta R.T. 0.00 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:204 Resp: 172751  
Ion Ratio Lower Upper  
204 100  
206 33.6 26.0 39.0  
141 73.9 58.2 87.2

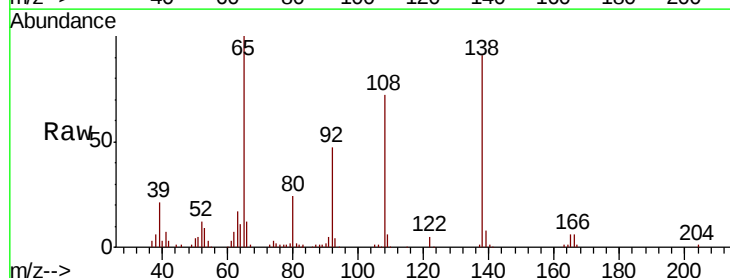


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

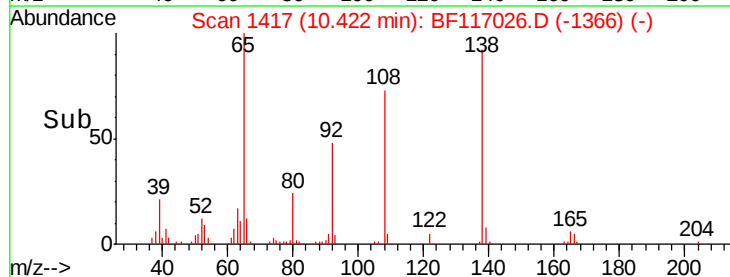
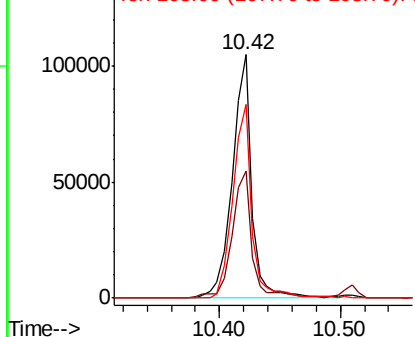


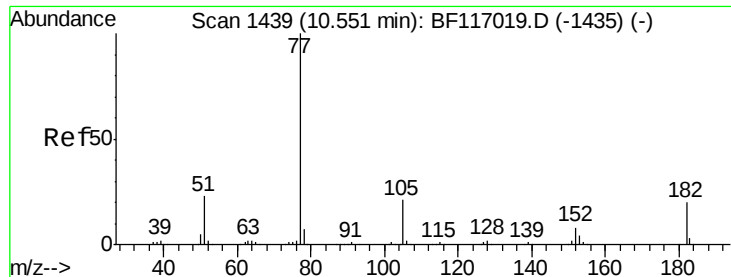
#62  
4-Nitroaniline  
Concen: 38.157 ng  
RT: 10.42 min Scan# 1417  
Delta R.T. 0.00 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

Tgt Ion:138 Resp: 118170  
Ion Ratio Lower Upper  
138 100  
92 52.0 32.9 72.9  
108 79.5 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: 37.265 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 433940

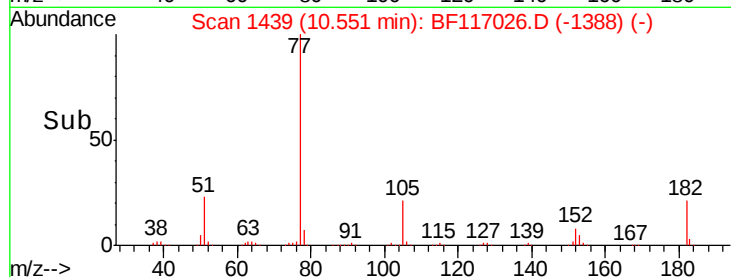
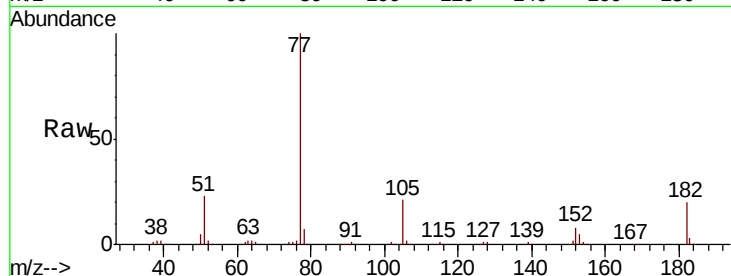
Ion Ratio Lower Upper

77 100

182 20.5 0.4 40.4

105 21.4 0.9 40.9

51 23.1 2.8 42.8

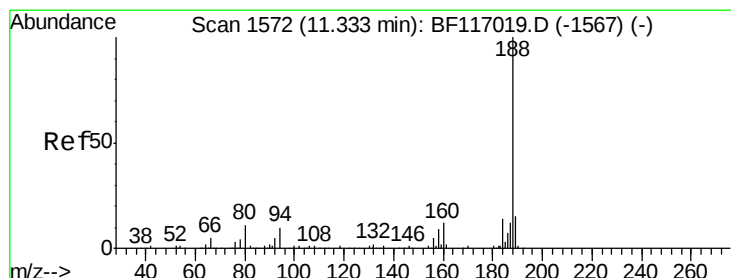
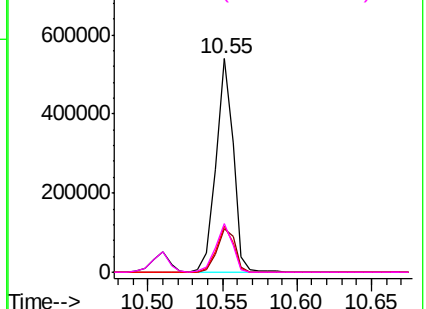


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF117026.D

Acq: 13 Sep 2019 17:02

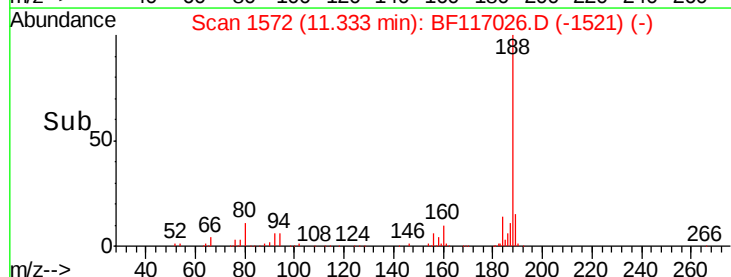
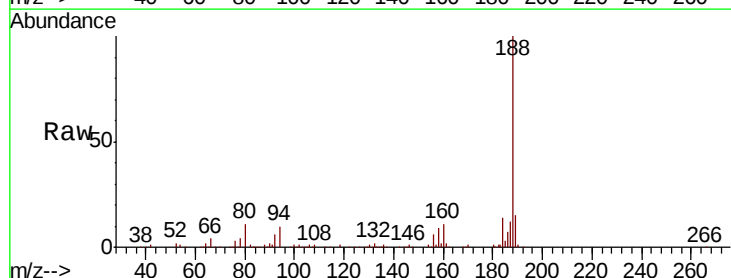
Tgt Ion: 188 Resp: 262267

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.2

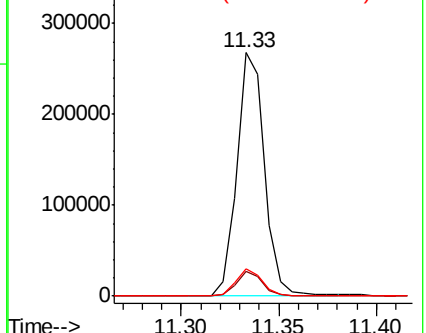
80 11.3 9.0 13.6



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: 38.376 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

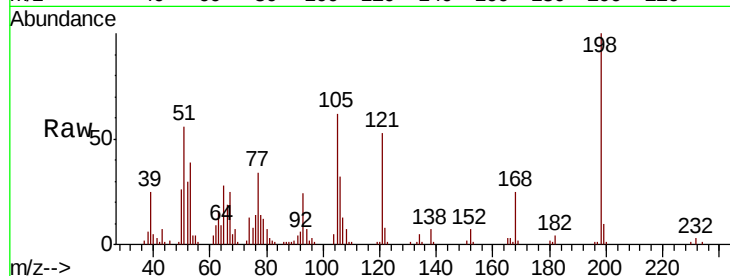
Tot Ion:198 Resp: 43928

Ion Ratio Lower Upper

198 100

51 56.4 18.7 58.7

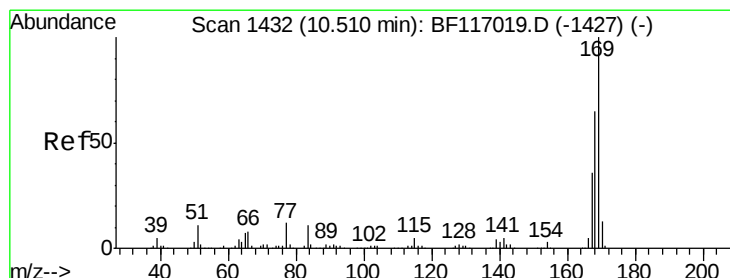
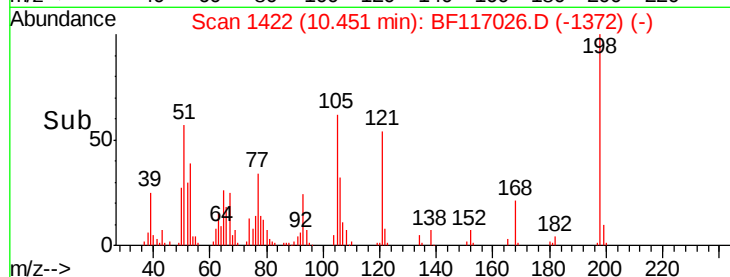
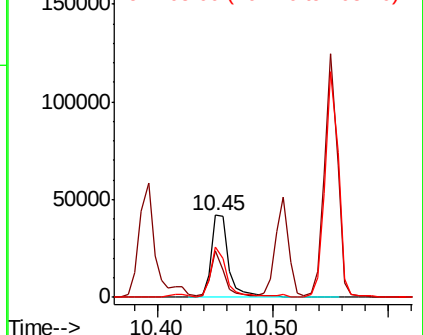
105 61.6 30.2 70.2



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: 37.904 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

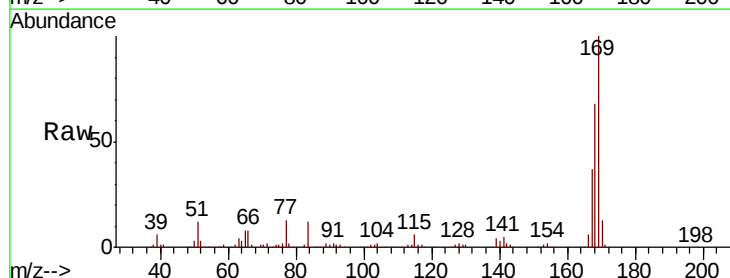
Tgt Ion:169 Resp: 343321

Ion Ratio Lower Upper

169 100

168 67.8 52.2 78.2

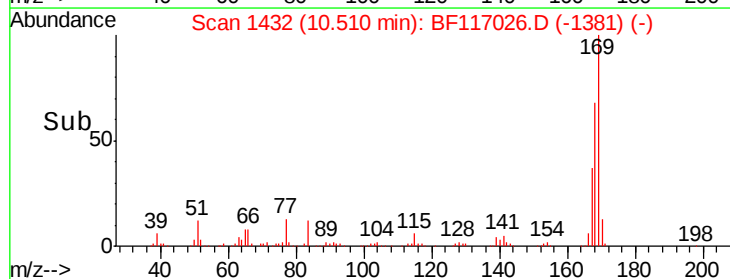
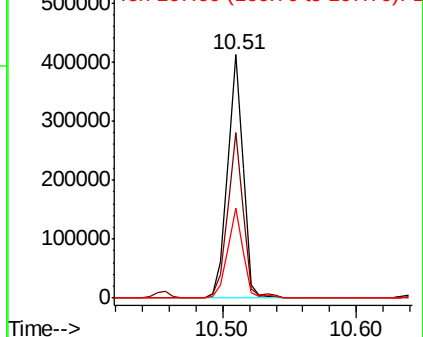
167 36.8 28.8 43.2



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

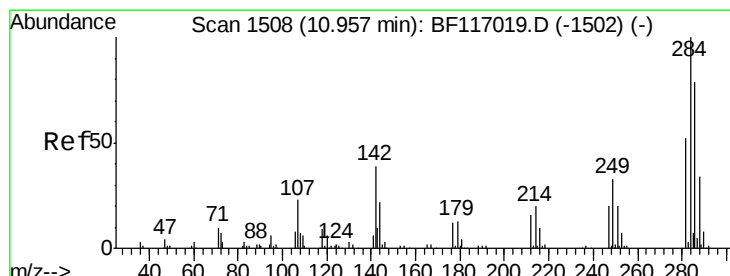
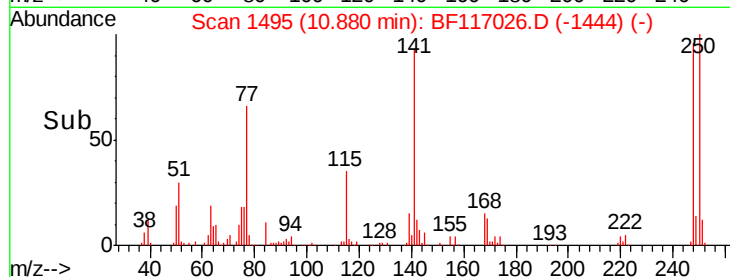
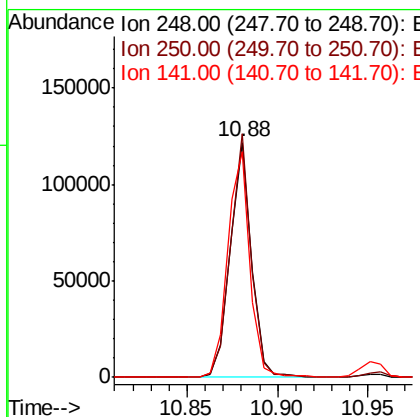
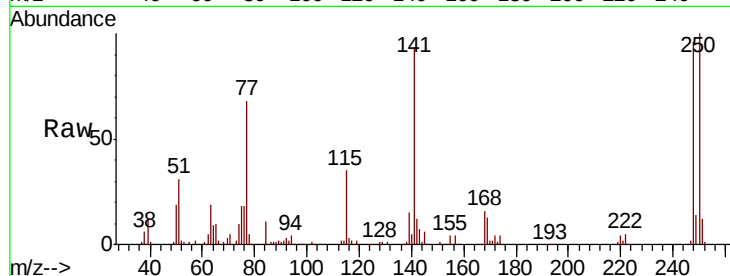




#67  
 4-Bromophenyl-phenylether  
 Concen: 37.281 ng  
 RT: 10.88 min Scan# 1495  
 Delta R.T. 0.00 min  
 Lab File: BF117026.D  
 Acq: 13 Sep 2019 17:02

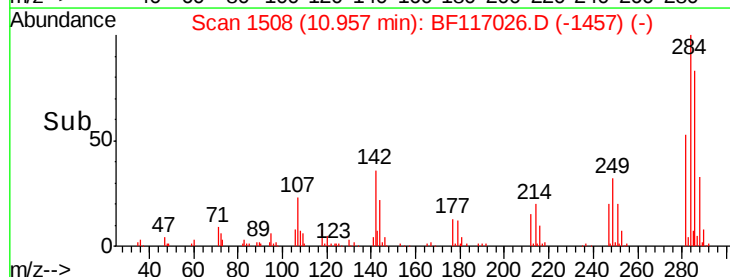
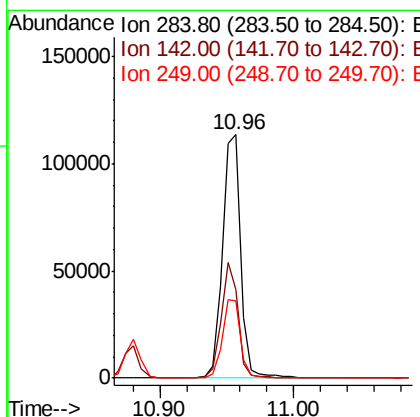
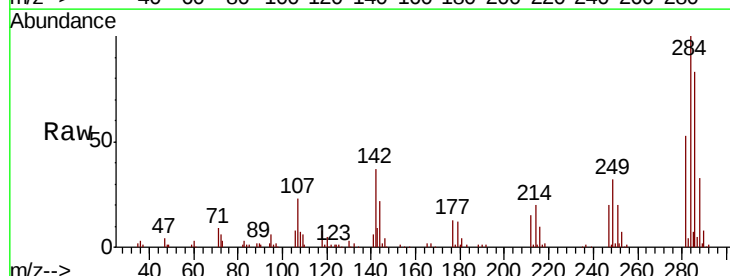
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:248 Resp: 99852  
 Ion Ratio Lower Upper  
 248 100  
 250 103.7 76.2 114.4  
 141 96.1 75.0 112.4



#68  
 Hexachlorobenzene  
 Concen: 37.443 ng  
 RT: 10.96 min Scan# 1508  
 Delta R.T. 0.00 min  
 Lab File: BF117026.D  
 Acq: 13 Sep 2019 17:02

Tgt Ion:284 Resp: 109690  
 Ion Ratio Lower Upper  
 284 100  
 142 36.7 31.4 47.2  
 249 31.7 26.5 39.7

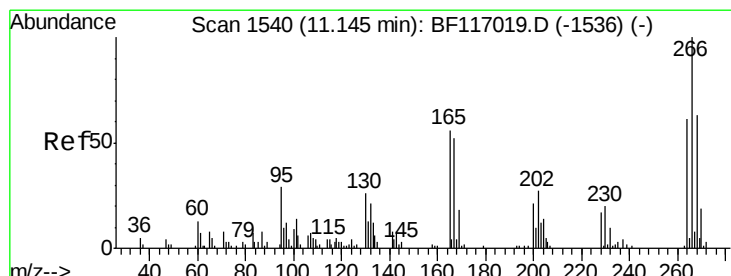
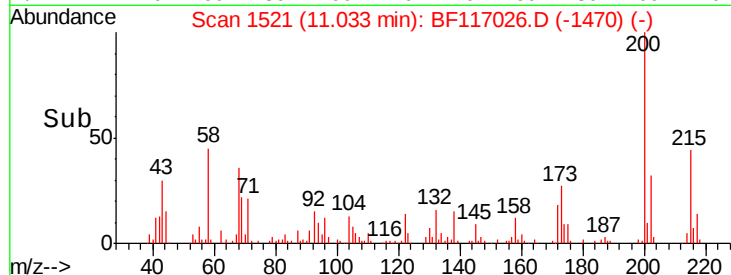
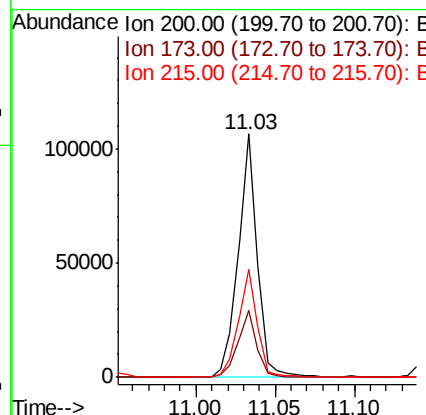
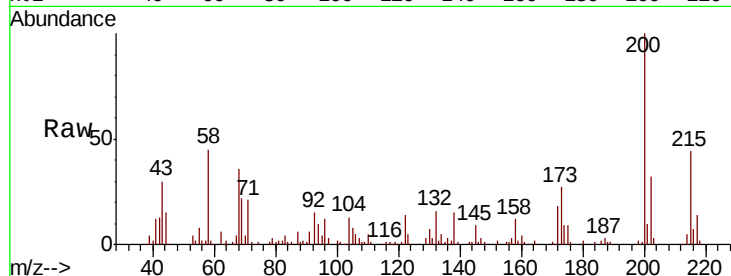




#69  
 Atrazine  
 Concen: 38.044 ng  
 RT: 11.03 min Scan# 1521  
 Delta R.T. 0.00 min  
 Lab File: BF117026.D  
 Acq: 13 Sep 2019 17:02

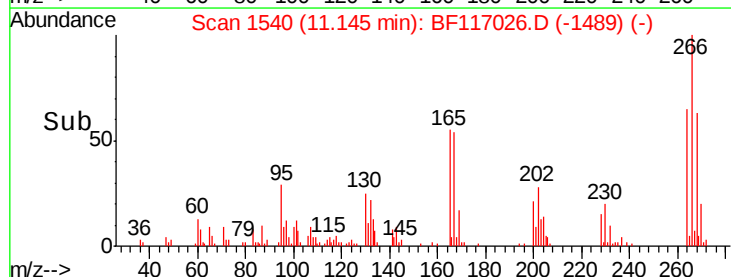
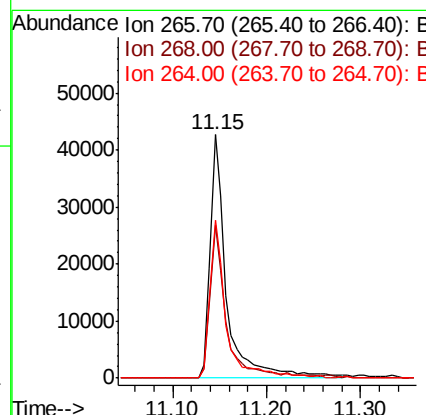
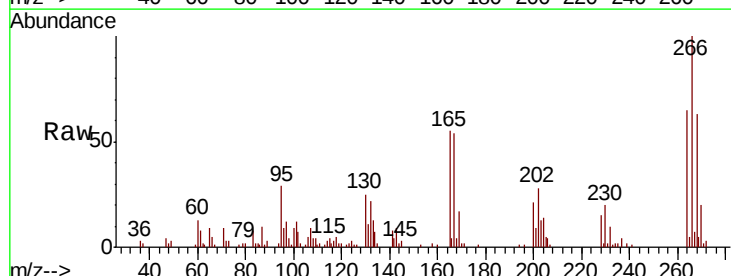
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

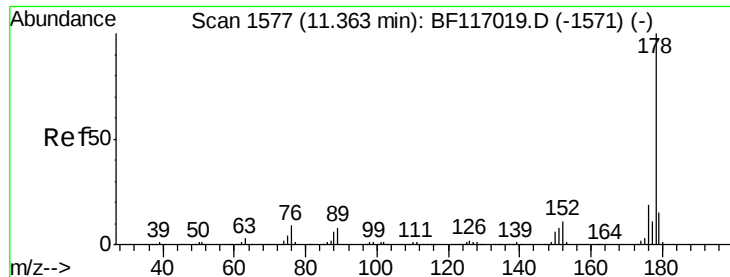
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.4  | 6.9   | 46.9  |
| 215     | 44.2  | 23.8  | 63.8  |



#70  
 Pentachlorophenol  
 Concen: 38.270 ng  
 RT: 11.15 min Scan# 1540  
 Delta R.T. 0.00 min  
 Lab File: BF117026.D  
 Acq: 13 Sep 2019 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.0  | 50.5  | 75.7  |
| 264     | 64.8  | 48.8  | 73.2  |

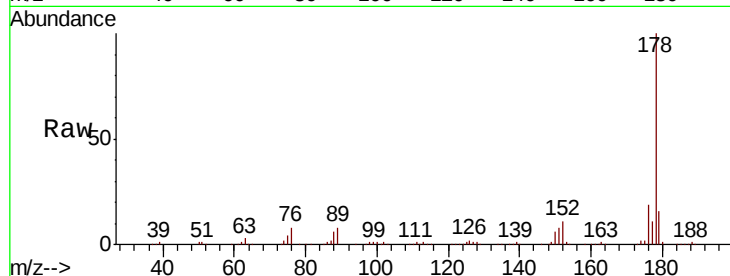




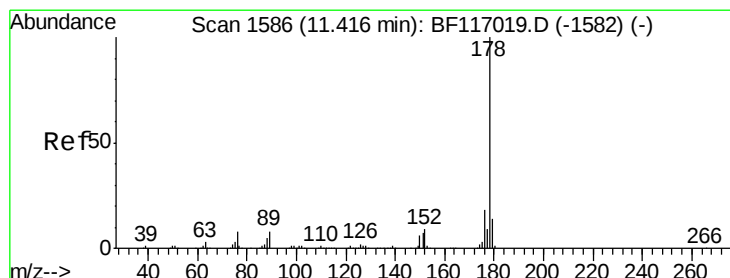
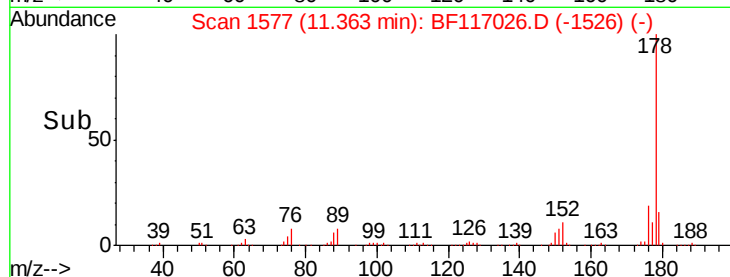
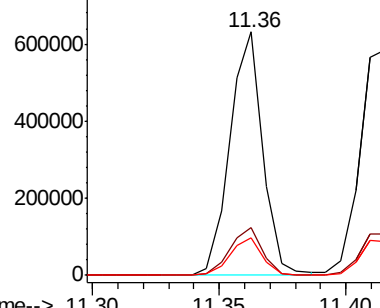
#71  
Phenanthrene  
Concen: 38.190 ng  
RT: 11.36 min Scan# 1577  
Delta R.T. 0.00 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:178 Resp: 568904  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.4 23.2  
179 15.5 12.4 18.6

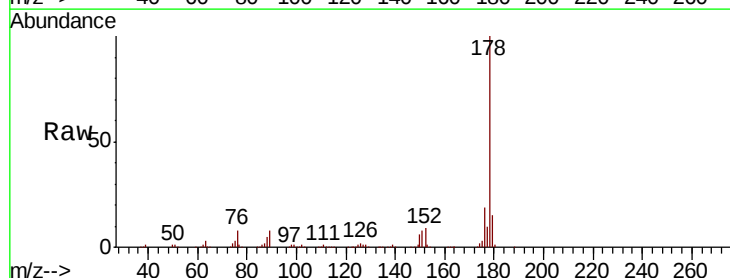


Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

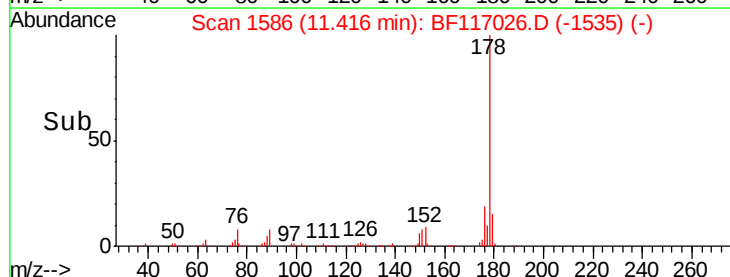
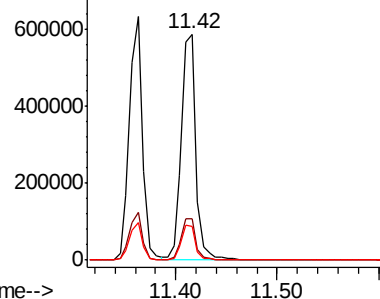


#72  
Anthracene  
Concen: 38.530 ng  
RT: 11.42 min Scan# 1586  
Delta R.T. 0.00 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

Tgt Ion:178 Resp: 585976  
Ion Ratio Lower Upper  
178 100  
176 18.6 14.6 21.8  
179 14.8 11.6 17.4



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

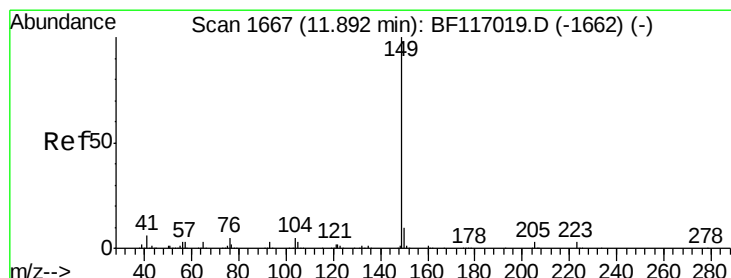
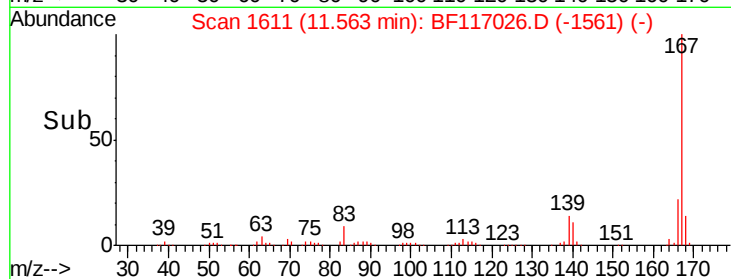
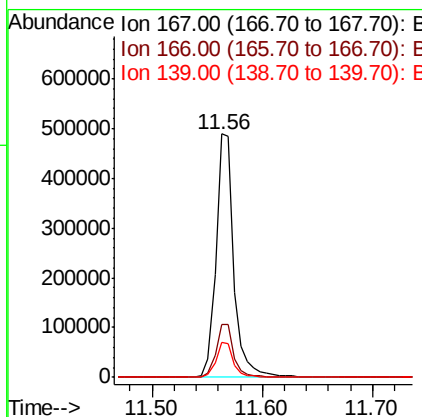
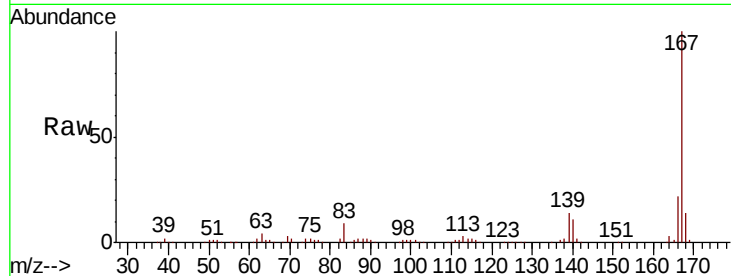




#73  
 Carbazole  
 Concen: 37.929 ng  
 RT: 11.56 min Scan# 1611  
 Delta R.T. -0.01 min  
 Lab File: BF117026.D  
 Acq: 13 Sep 2019 17:02

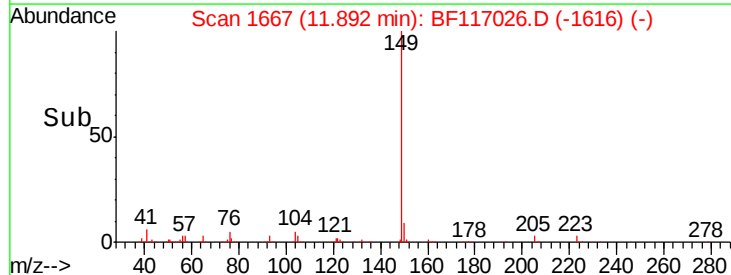
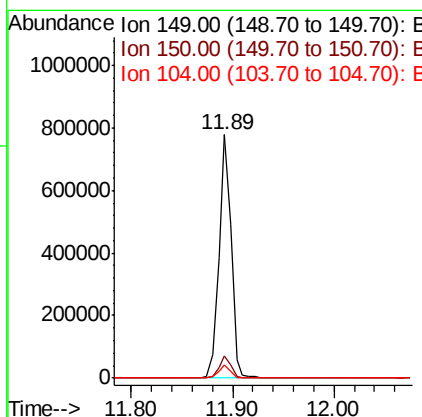
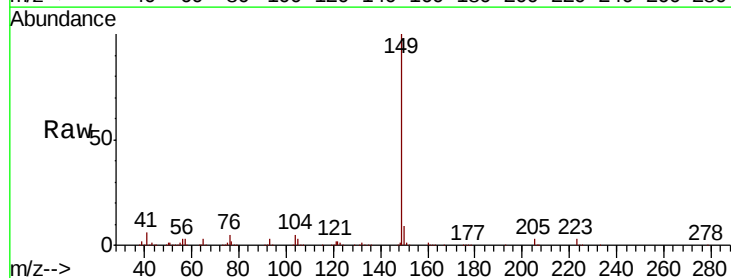
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

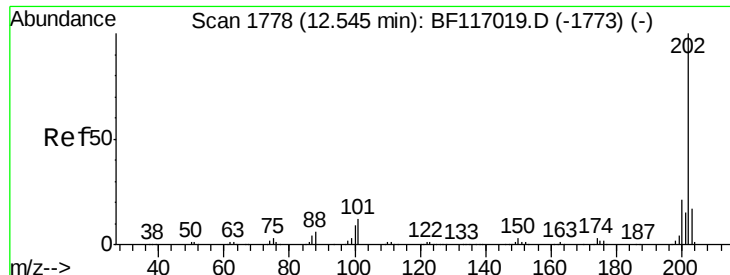
Tot Ion:167 Resp: 547541  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.2 25.8  
 139 14.5 10.6 16.0



#74  
 Di-n-butylphthalate  
 Concen: 37.611 ng  
 RT: 11.89 min Scan# 1667  
 Delta R.T. 0.00 min  
 Lab File: BF117026.D  
 Acq: 13 Sep 2019 17:02

Tgt Ion:149 Resp: 645984  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.7 11.5  
 104 5.3 4.2 6.4

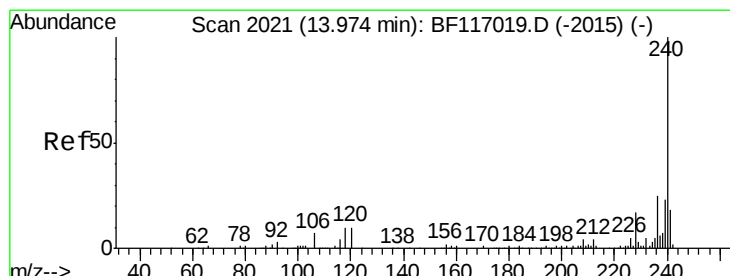
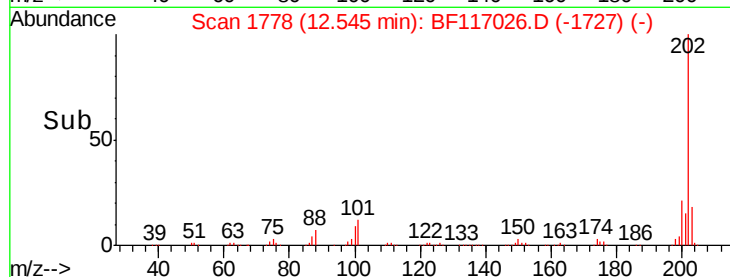
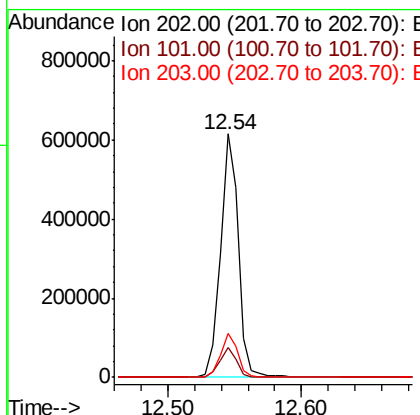
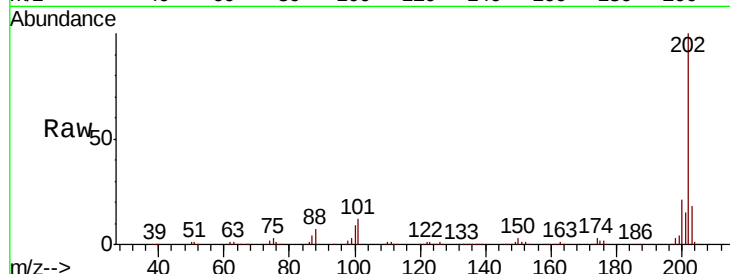




#75  
 Fluoranthene  
 Concen: 37.949 ng  
 RT: 12.54 min Scan# 1778  
 Delta R.T. 0.00 min  
 Lab File: BF117026.D  
 Acq: 13 Sep 2019 17:02

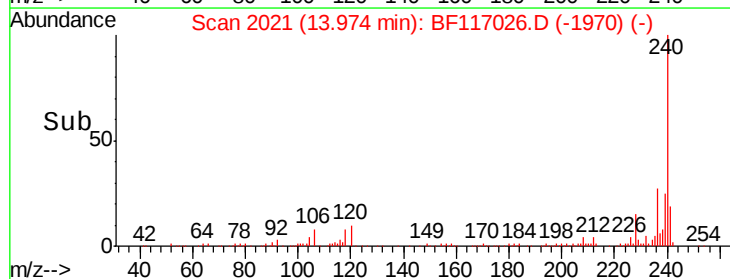
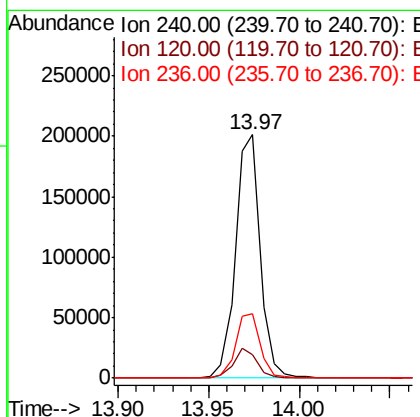
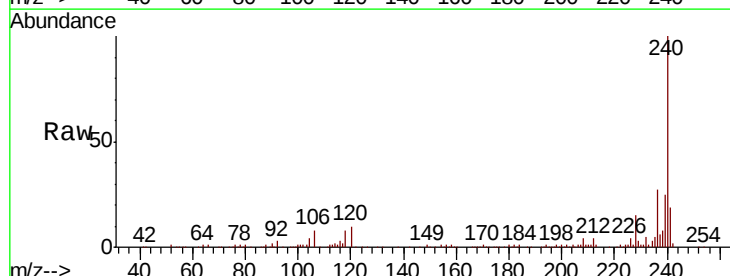
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

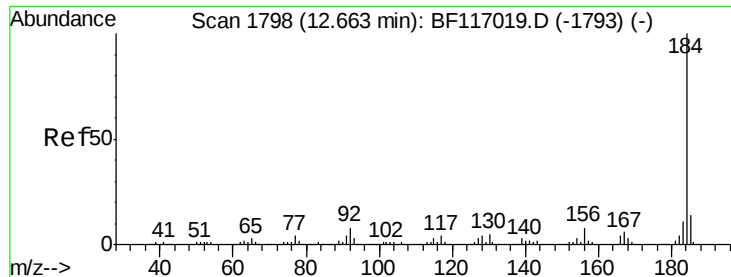
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 12.3  | 0.0   | 32.3  |
| 203     | 17.8  | 0.0   | 37.1  |



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.97 min Scan# 2021  
 Delta R.T. 0.00 min  
 Lab File: BF117026.D  
 Acq: 13 Sep 2019 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 9.7   | 8.3   | 12.5  |
| 236     | 26.6  | 20.3  | 30.5  |

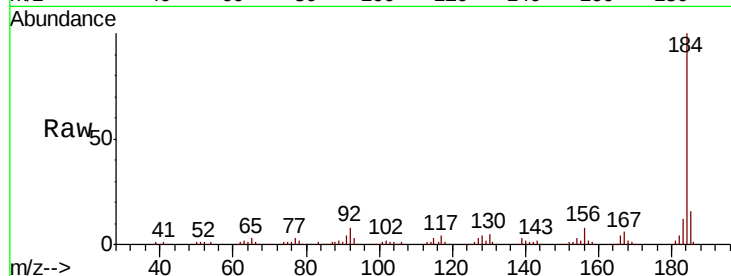




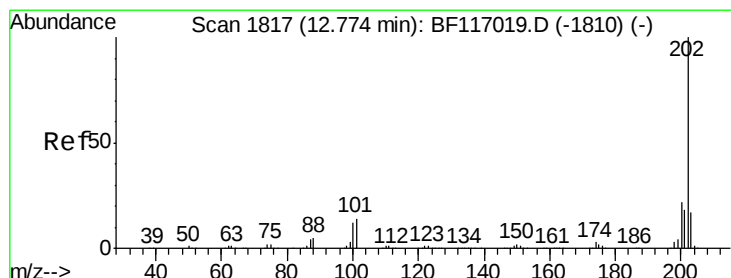
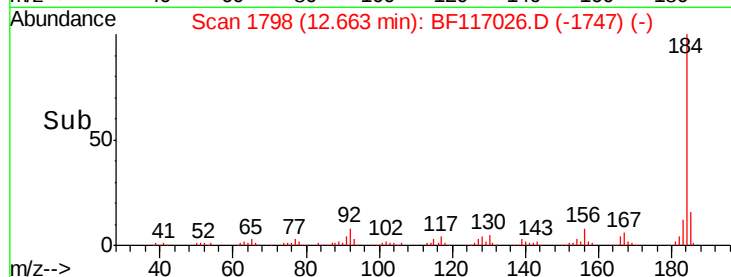
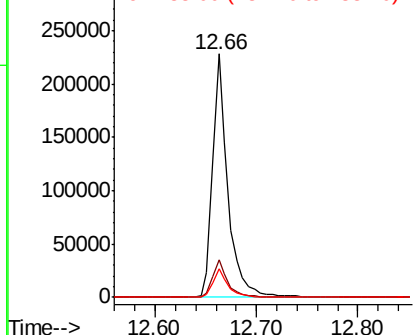
#77  
Benzidine  
Concen: 39.098 ng  
RT: 12.66 min Scan# 1798  
Delta R.T. 0.00 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:184 Resp: 238725  
Ion Ratio Lower Upper  
184 100  
185 15.6 11.6 17.4  
183 11.9 9.0 13.4

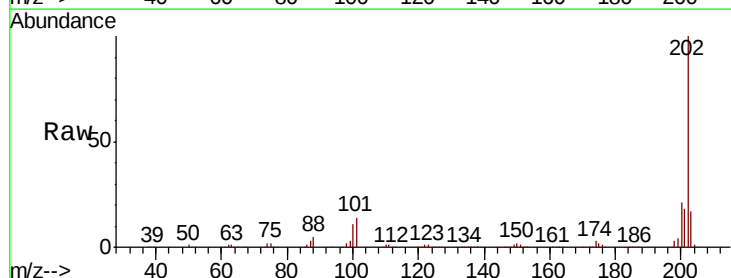


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E

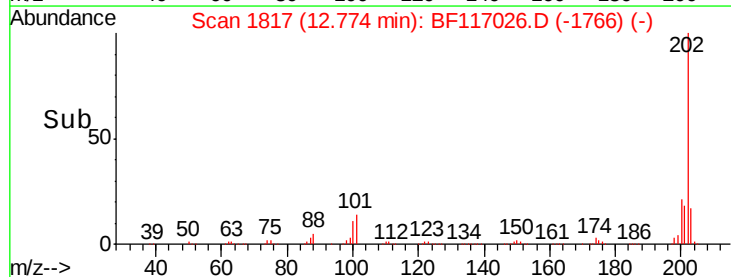
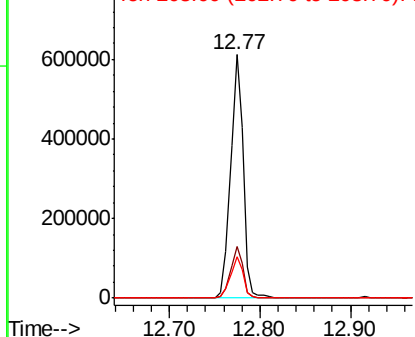


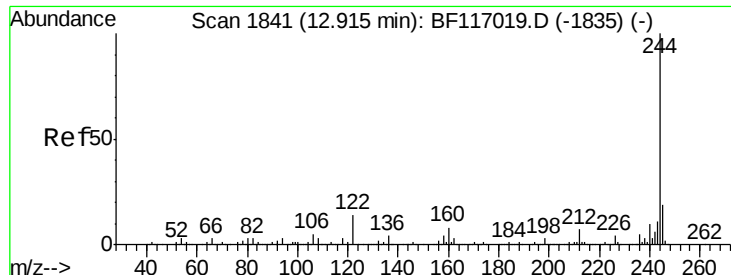
#78  
Pyrene  
Concen: 37.194 ng  
RT: 12.77 min Scan# 1817  
Delta R.T. 0.00 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

Tgt Ion:202 Resp: 591558  
Ion Ratio Lower Upper  
202 100  
200 21.0 17.2 25.8  
203 17.2 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: 74.442 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

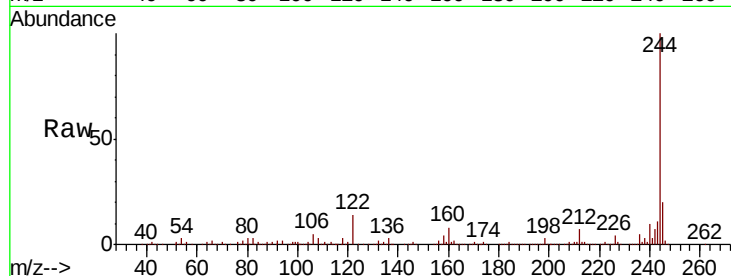
Tot Ion:244 Resp: 754879

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

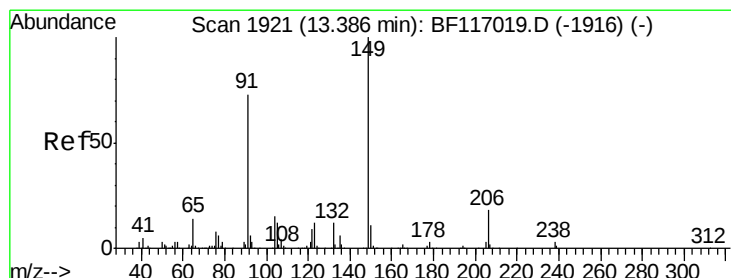
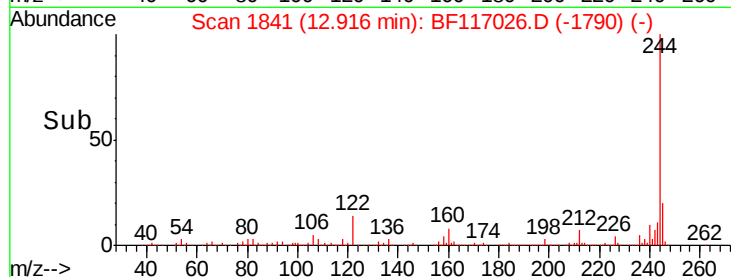
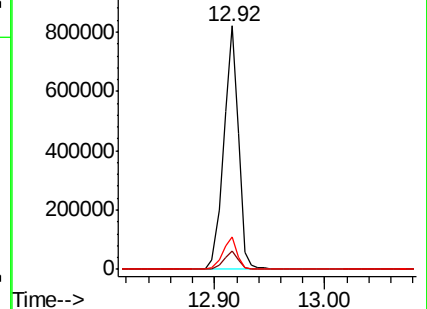
122 13.6 11.3 16.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.600 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

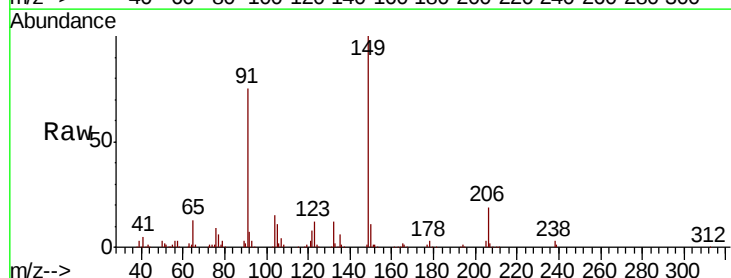
Tgt Ion:149 Resp: 267541

Ion Ratio Lower Upper

149 100

91 74.9 58.8 88.2

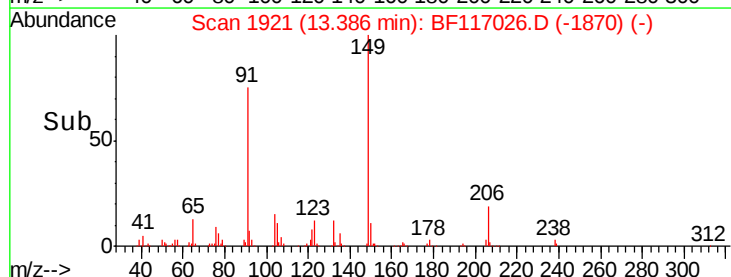
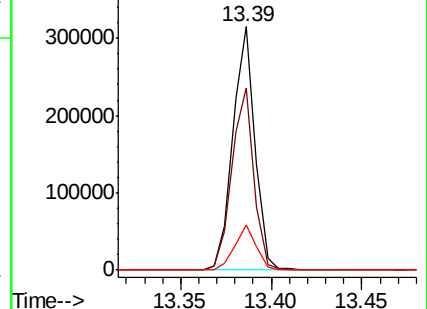
206 18.6 14.1 21.1

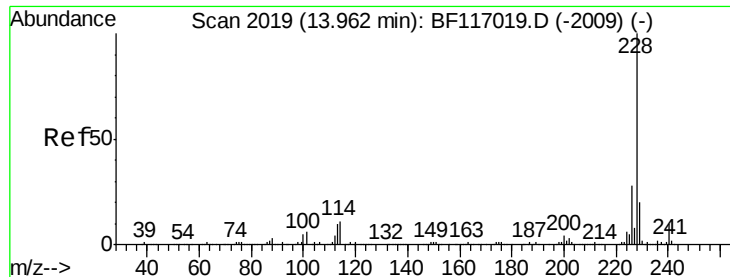


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.520 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

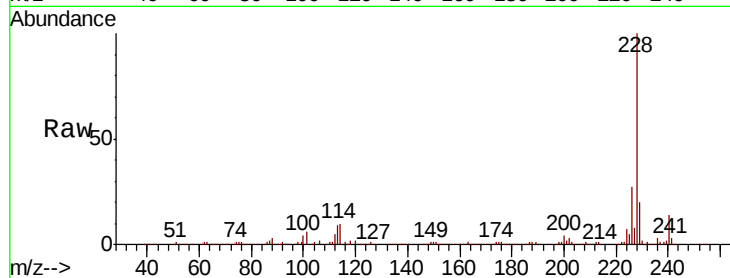
Tot Ion:228 Resp: 475146

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.3  | 22.3  | 33.5  |
| 229 | 19.9  | 15.9  | 23.9  |

228 100

226 27.3 22.3 33.5

229 19.9 15.9 23.9

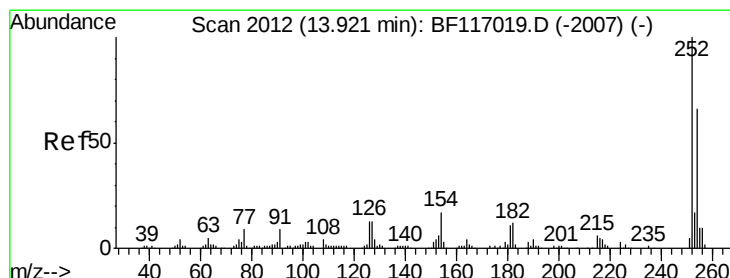
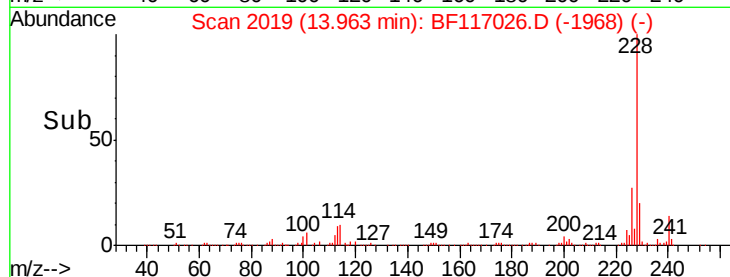
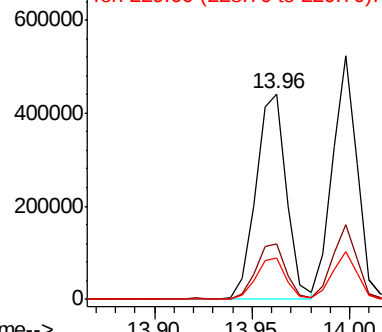


Abundance

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: 36.954 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

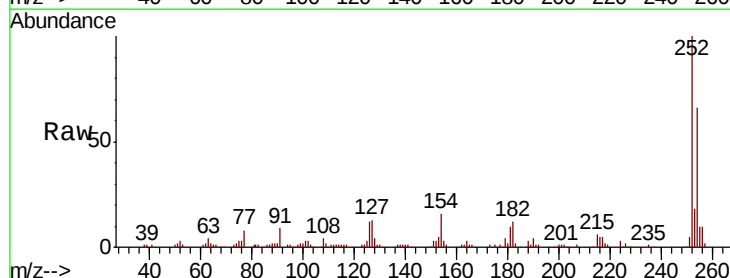
Tgt Ion:252 Resp: 150804

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 65.6  | 52.6  | 79.0  |
| 126 | 11.9  | 10.4  | 15.6  |

252 100

254 65.6 52.6 79.0

126 11.9 10.4 15.6

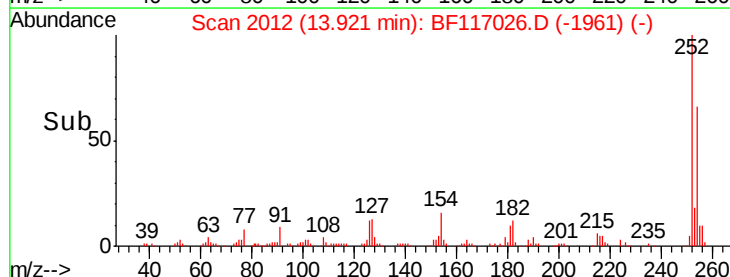
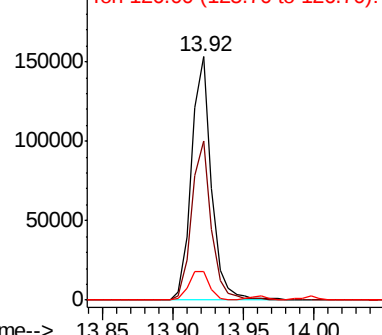


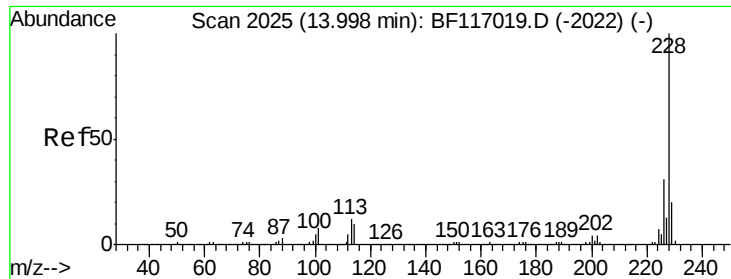
Abundance

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: 37.238 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

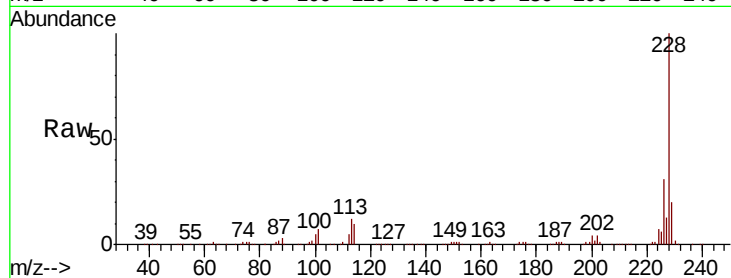
Tot Ion:228 Resp: 459940

Ion Ratio Lower Upper

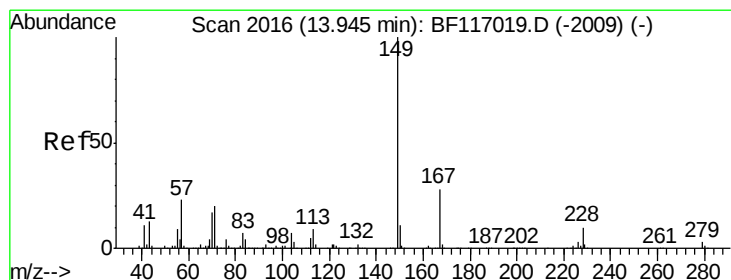
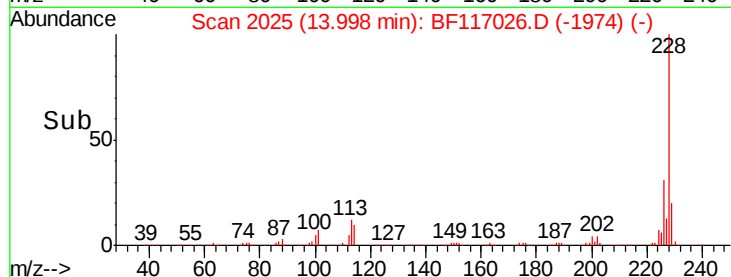
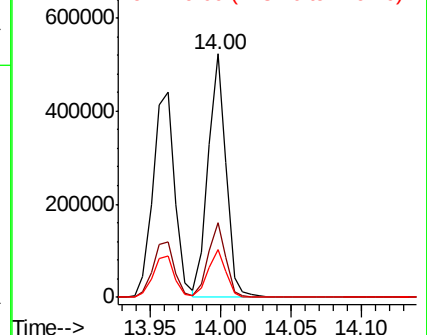
228 100

226 30.6 24.8 37.2

229 19.6 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: 34.950 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF117026.D

Acq: 13 Sep 2019 17:02

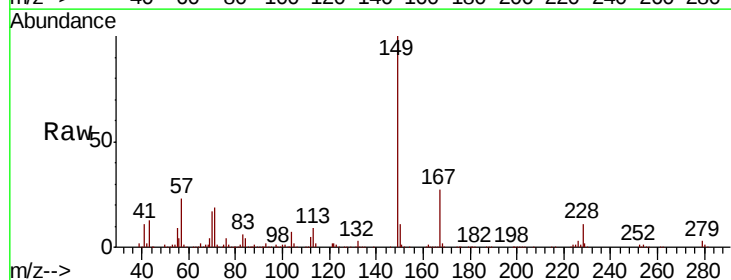
Tgt Ion:149 Resp: 338657

Ion Ratio Lower Upper

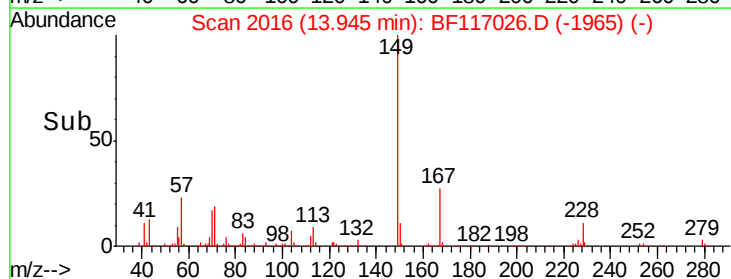
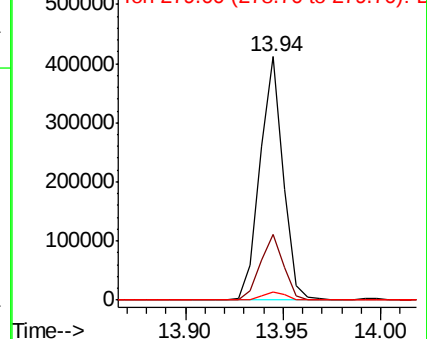
149 100

167 26.9 22.2 33.2

279 3.3 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

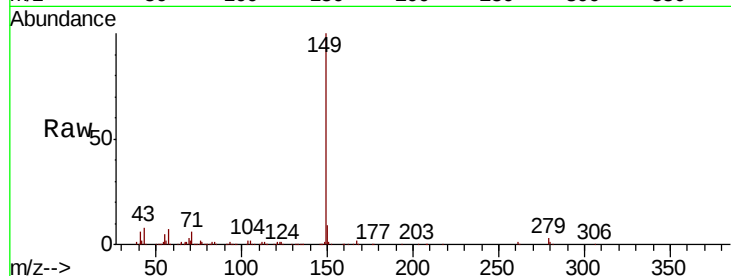




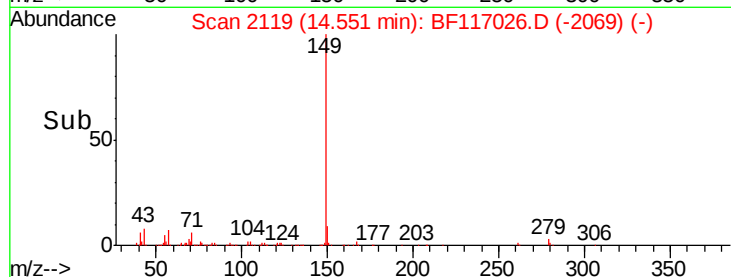
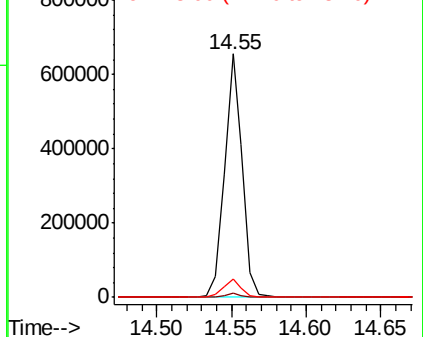
#85  
Di-n-octyl phthalate  
Concen: 35.711 ng  
RT: 14.55 min Scan# 2119  
Delta R.T. -0.01 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.2   | 1.8   |
| 43      | 7.5   | 6.2   | 9.4   |

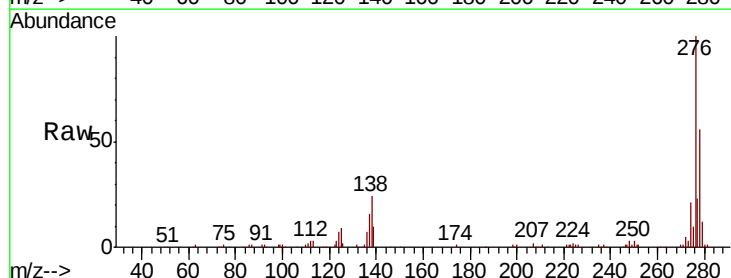


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1

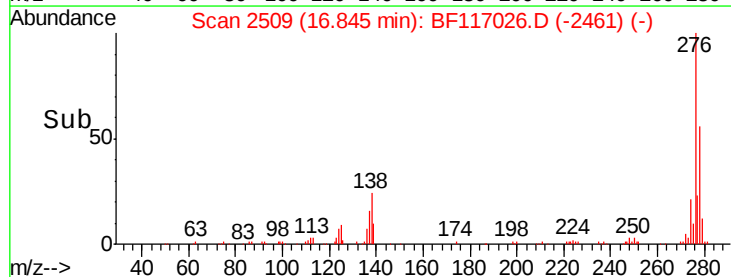
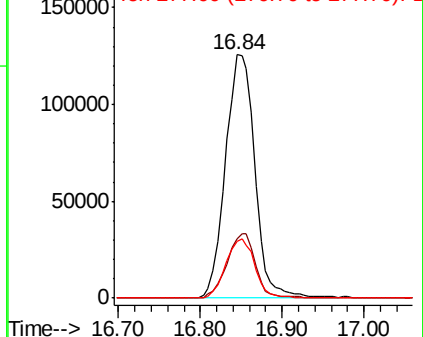


#86  
Indeno(1,2,3-cd)pyrene  
Concen: 34.985 ng  
RT: 16.84 min Scan# 2509  
Delta R.T. -0.02 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 25.6  | 20.7  | 31.1  |
| 277     | 24.1  | 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

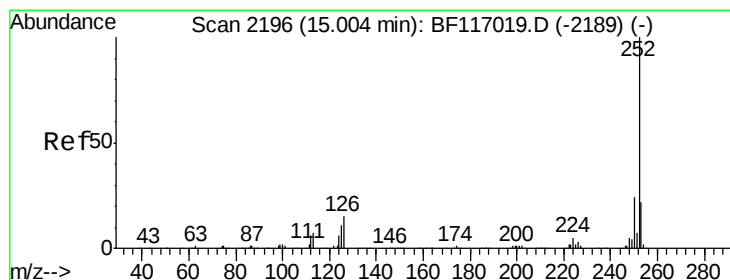
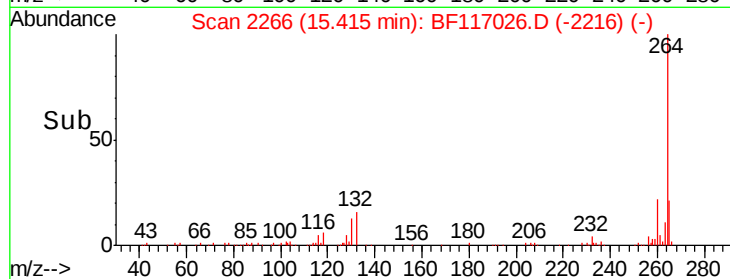
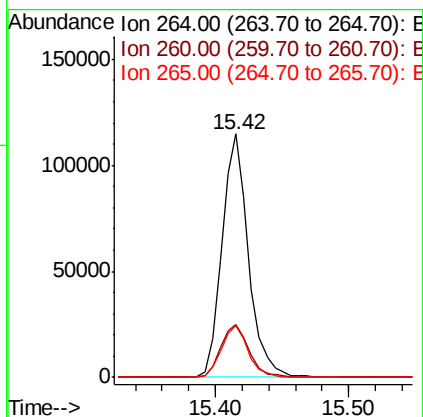
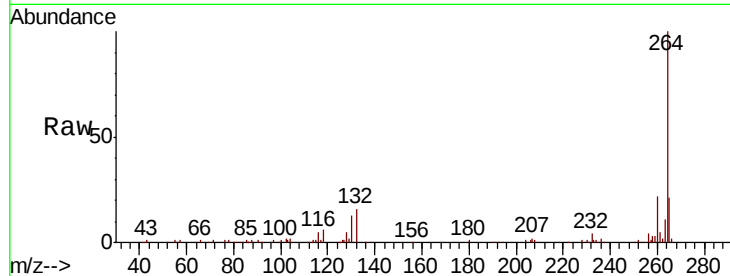




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.42 min Scan# 2266  
Delta R.T. -0.01 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

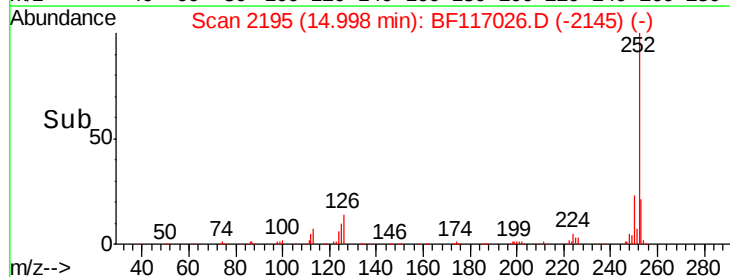
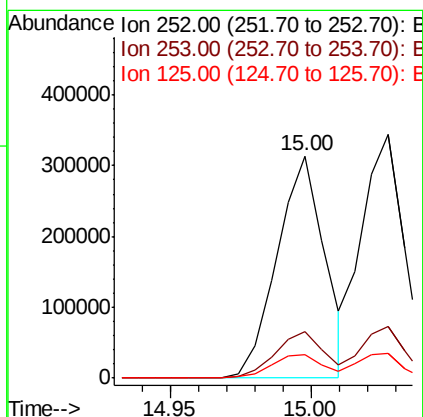
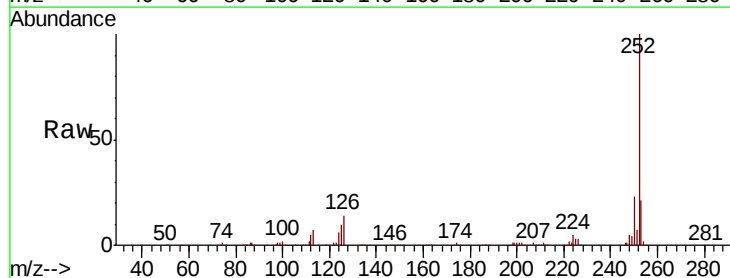
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:264 Resp: 159909  
Ion Ratio Lower Upper  
264 100  
260 22.0 17.6 26.4  
265 21.3 16.6 24.8



#88  
Benzo(b)fluoranthene  
Concen: 37.999 ng  
RT: 15.00 min Scan# 2195  
Delta R.T. -0.01 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

Tgt Ion:252 Resp: 368072  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.6 26.4  
125 10.4 8.6 12.8

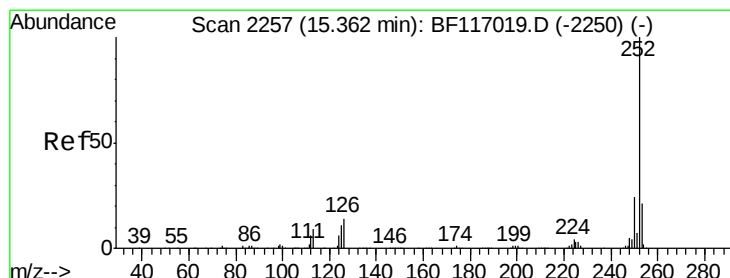
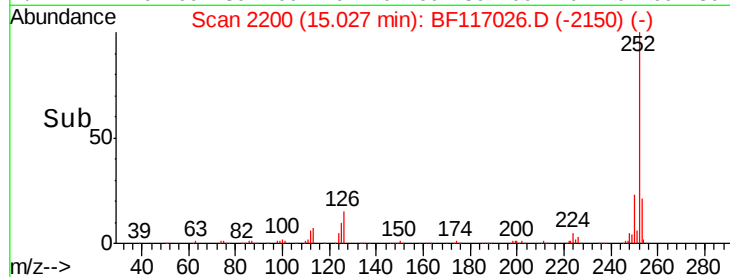
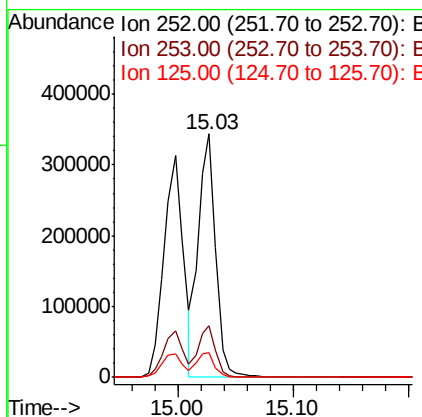
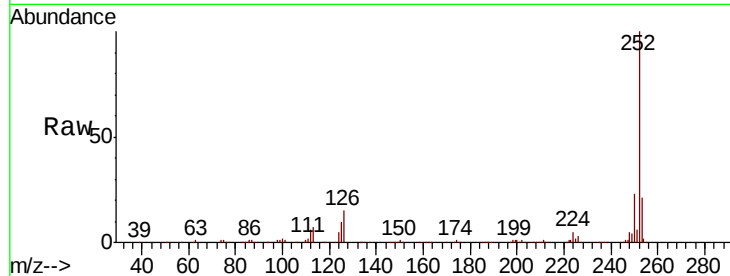




#89  
Benzo(k)fluoranthene  
Concen: 39.889 ng  
RT: 15.03 min Scan# 2200  
Delta R.T. -0.01 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

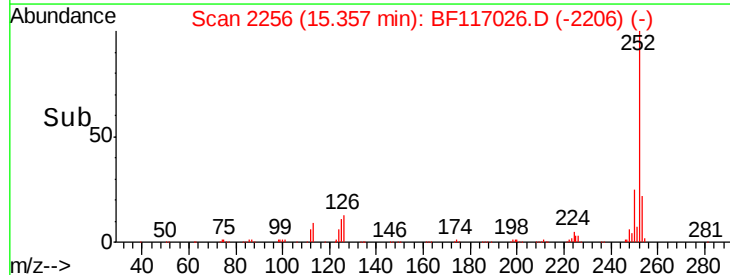
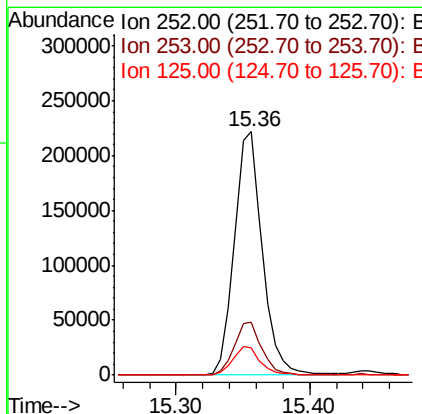
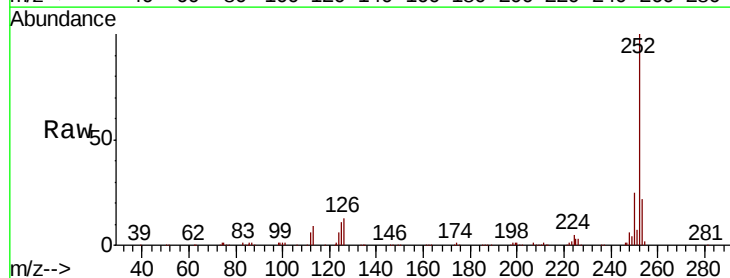
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

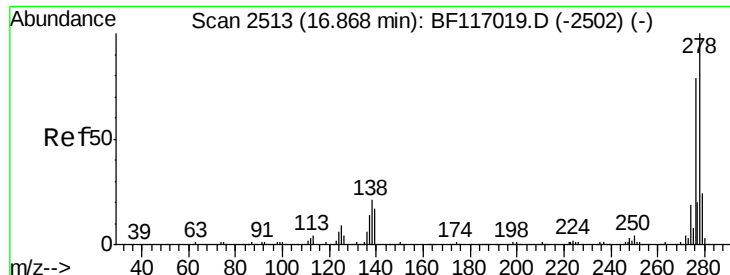
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.1  | 17.4  | 26.2  |
| 125     | 10.2  | 8.8   | 13.2  |



#90  
Benzo(a)pyrene  
Concen: 38.157 ng  
RT: 15.36 min Scan# 2256  
Delta R.T. -0.01 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 16.6  | 25.0  |
| 125     | 11.3  | 8.9   | 13.3  |

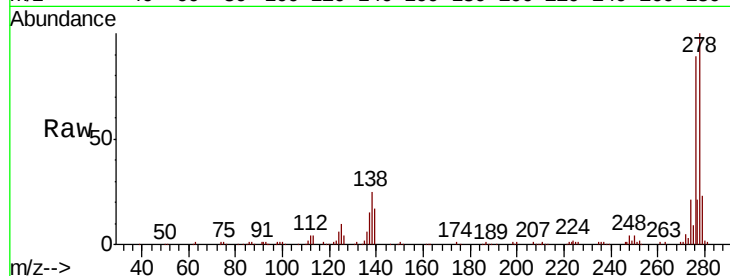




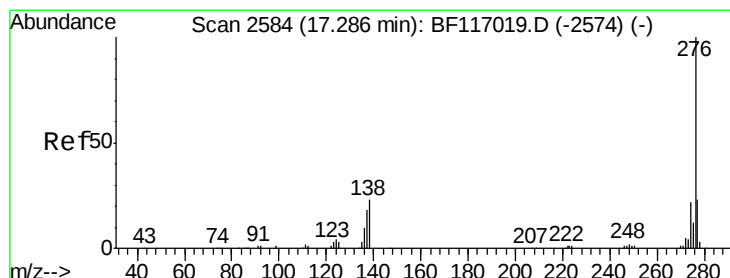
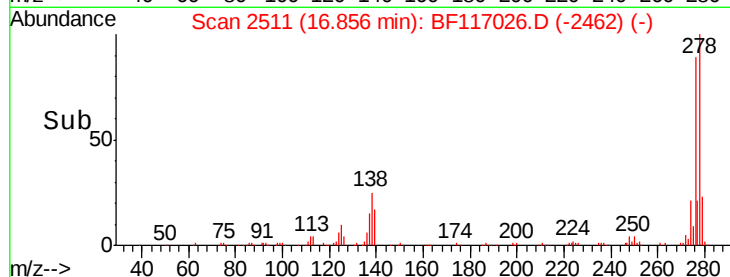
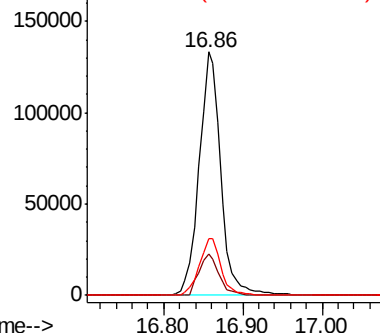
#91  
Dibenzo(a,h)anthracene  
Concen: 37.120 ng  
RT: 16.86 min Scan# 2511  
Delta R.T. -0.01 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 17.1  | 13.5  | 20.3  |
| 279     | 23.2  | 18.8  | 28.2  |

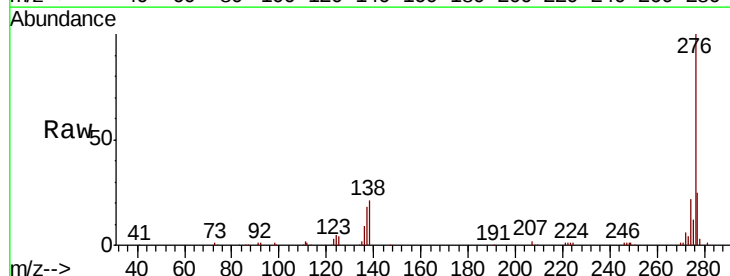


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 37.012 ng  
RT: 17.28 min Scan# 2583  
Delta R.T. -0.01 min  
Lab File: BF117026.D  
Acq: 13 Sep 2019 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.9  | 18.6  | 27.8  |
| 138     | 20.9  | 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

