

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\  
 Data File : BF115089.D  
 Acq On : 21 Jun 2019 20:31  
 Operator : HP/JU  
 Sample : PB120747BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120747BS

Quant Time: Jun 22 04:54:59 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 21 17:55:32 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.61  | 152  | 273011   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.90  | 136  | 1080920  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.65  | 164  | 542408   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.12 | 188  | 1071623  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.75 | 240  | 744469   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.11 | 264  | 773880   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.23  | 112 | 2098453 | 118.61 | ng | 0.02 |
| 7) Phenol-d6             | 6.27  | 99  | 2628234 | 122.40 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.18  | 82  | 1612813 | 91.79  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.44 | 330 | 727236  | 127.14 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 8.98  | 172 | 2922376 | 91.52  | ng | 0.00 |
| 79) Terphenyl-d14        | 12.71 | 244 | 3108020 | 88.76  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.30 | 88  | 290012  | 34.734 | ng | 99     |
| 3) Pyridine                    | 2.95 | 79  | 825809  | 35.091 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 2.90 | 42  | 358721  | 38.883 | ng | 99     |
| 6) Aniline                     | 6.28 | 93  | 676029  | 22.907 | ng | 100    |
| 8) 2-Chlorophenol              | 6.40 | 128 | 816201  | 41.029 | ng | 97     |
| 9) Benzaldehyde                | 6.15 | 77  | 221749  | 15.829 | ng | 99     |
| 10) Phenol                     | 6.28 | 94  | 966583  | 38.428 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 6.36 | 93  | 748561  | 40.373 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.55 | 146 | 863833  | 39.127 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.63 | 146 | 872814  | 39.424 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.79 | 146 | 803787  | 39.205 | ng | 98     |
| 15) Benzyl Alcohol             | 6.77 | 79  | 640359  | 40.954 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.90 | 45  | 1090783 | 40.562 | ng | 99     |
| 17) 2-Methylphenol             | 6.88 | 107 | 697736  | 42.492 | ng | 100    |
| 18) Hexachloroethane           | 7.13 | 117 | 316691  | 39.678 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.05 | 70  | 555107  | 40.379 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.04 | 107 | 786563  | 41.485 | ng | # 89   |
| 22) Acetophenone               | 7.03 | 105 | 1091229 | 44.097 | ng | # 99   |
| 24) Nitrobenzene               | 7.20 | 77  | 830048  | 42.878 | ng | 96     |
| 25) Isophorone                 | 7.45 | 82  | 1580761 | 43.915 | ng | 99     |
| 26) 2-Nitrophenol              | 7.51 | 139 | 448549  | 46.920 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 7.56 | 122 | 773384  | 49.410 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.66 | 93  | 984056  | 43.253 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.75 | 162 | 721643  | 44.675 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 7.84 | 180 | 768644  | 43.080 | ng | 99     |
| 31) Naphthalene                | 7.92 | 128 | 2314351 | 43.618 | ng | 99     |
| 32) Benzoic acid               | 7.71 | 122 | 592532  | 53.033 | ng | 96     |
| 33) 4-Chloroaniline            | 7.97 | 127 | 381713  | 15.741 | ng | 100    |
| 34) Hexachlorobutadiene        | 8.05 | 225 | 410535  | 41.987 | ng | 98     |
| 35) Caprolactam                | 8.35 | 113 | 126164  | 23.231 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 8.46 | 107 | 726092  | 44.386 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.61 | 142 | 1597218 | 44.645 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.71 | 142 | 1527924 | 44.718 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.78 | 216 | 647522  | 42.246 | ng | 99     |

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 Sample : PB120747BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

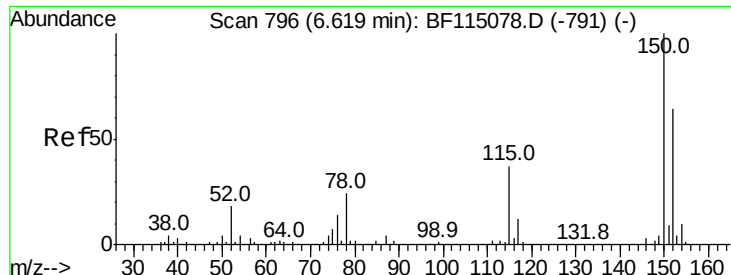
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120747BS

Quant Time: Jun 22 04:54:59 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 21 17:55:32 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.77  | 237  | 722484   | 79.493 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 8.89  | 196  | 541944   | 45.798 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 8.93  | 196  | 534280   | 43.843 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 9.08  | 154  | 1835171  | 42.285 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.10  | 162  | 1484978  | 42.182 | ng    | 97       |
| 48) 2-Nitroaniline             | 9.19  | 65   | 434666   | 42.350 | ng    | 97       |
| 49) Acenaphthylene             | 9.51  | 152  | 2321378  | 42.323 | ng    | 99       |
| 50) Dimethylphthalate          | 9.39  | 163  | 1691020  | 42.375 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.44  | 165  | 412089   | 44.729 | ng    | 99       |
| 52) Acenaphthene               | 9.68  | 154  | 1593698  | 46.434 | ng    | 100      |
| 53) 3-Nitroaniline             | 9.60  | 138  | 282261   | 25.106 | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 9.71  | 184  | 423979   | 88.567 | ng    | 97       |
| 55) Dibenzofuran               | 9.85  | 168  | 2032244  | 41.254 | ng    | 98       |
| 56) 4-Nitrophenol              | 9.77  | 139  | 759581   | 84.271 | ng    | 96       |
| 57) 2,4-Dinitrotoluene         | 9.84  | 165  | 554972   | 46.652 | ng    | 90       |
| 58) Fluorene                   | 10.20 | 166  | 1389632  | 41.918 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 9.97  | 232  | 470130   | 46.009 | ng    | 99       |
| 60) Diethylphthalate           | 10.09 | 149  | 1731791  | 43.172 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.19 | 204  | 671959   | 42.776 | ng    | 95       |
| 62) 4-Nitroaniline             | 10.22 | 138  | 458473   | 40.649 | ng    | 99       |
| 63) Azobenzene                 | 10.35 | 77   | 1598757  | 42.670 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 10.24 | 198  | 261283   | 46.048 | ng    | 87       |
| 66) n-Nitrosodiphenylamine     | 10.31 | 169  | 1426085  | 42.715 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.68 | 248  | 491638   | 42.315 | ng    | 97       |
| 68) Hexachlorobenzene          | 10.74 | 284  | 527198   | 41.804 | ng    | # 92     |
| 69) Atrazine                   | 10.84 | 200  | 464636   | 43.263 | ng    | 99       |
| 70) Pentachlorophenol          | 10.93 | 266  | 639201   | 79.559 | ng    | 96       |
| 71) Phenanthrene               | 11.15 | 178  | 2287264  | 39.642 | ng    | 100      |
| 72) Anthracene                 | 11.20 | 178  | 2384925  | 40.949 | ng    | 99       |
| 73) Carbazole                  | 11.35 | 167  | 2182193  | 41.959 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.70 | 149  | 2586515  | 43.038 | ng    | 98       |
| 75) Fluoranthene               | 12.32 | 202  | 2407196  | 41.815 | ng    | 100      |
| 77) Benzidine                  | 12.45 | 184  | 506235   | 15.314 | ng    | 99       |
| 78) Pyrene                     | 12.55 | 202  | 2431773  | 42.504 | ng    | 98       |
| 80) Butylbenzylphthalate       | 13.19 | 149  | 1170294  | 46.351 | ng    | 97       |
| 81) Benzo(a)anthracene         | 13.74 | 228  | 2256634  | 42.245 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.70 | 252  | 533083   | 27.635 | ng    | # 98     |
| 83) Chrysene                   | 13.77 | 228  | 2039516  | 41.681 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.76 | 149  | 1506074  | 45.523 | ng    | 98       |
| 85) Di-n-octyl phthalate       | 14.37 | 149  | 2600512  | 46.783 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.39 | 276  | 2551161  | 44.061 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 14.74 | 252  | 2526002  | 52.311 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 14.77 | 252  | 1955345  | 45.154 | ng    | 100      |
| 90) Benzo(a)pyrene             | 15.06 | 252  | 2222610  | 51.068 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.42 | 278  | 2118174  | 52.132 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 16.78 | 276  | 2155118  | 52.406 | ng    | 97       |

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



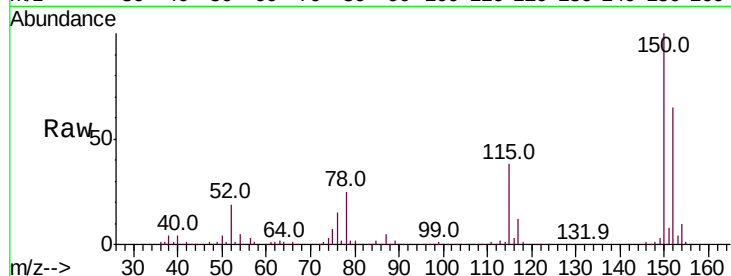


#1

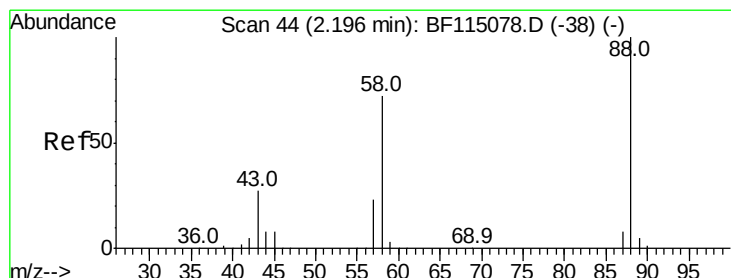
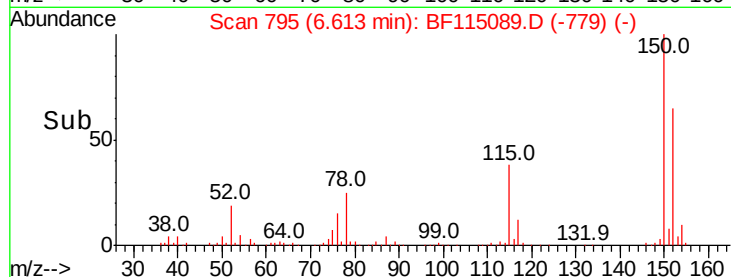
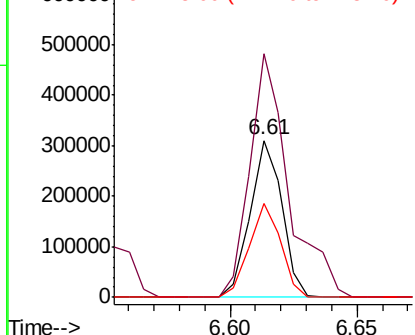
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.61 min Scan# 795  
Delta R.T. -0.01 min  
Lab File: BF115089.D  
Acq: 21 Jun 2019 20:31

Instrument :  
BNA\_F  
ClientSampleId :  
PB120747BS

Tot Ion:152 Resp: 273011  
Ion Ratio Lower Upper  
152 100  
150 154.9 124.2 186.2  
115 59.6 46.1 69.1



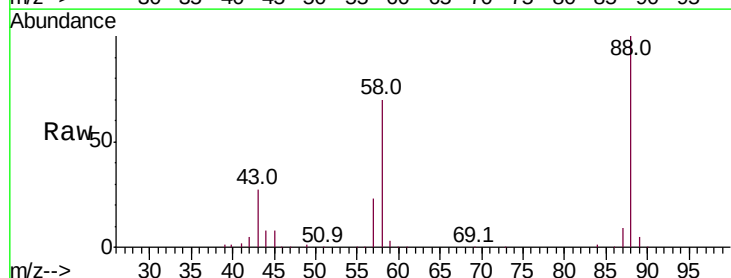
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



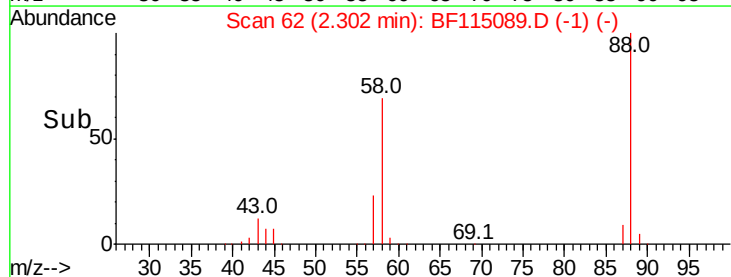
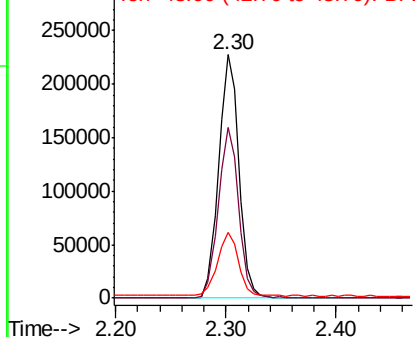
#2

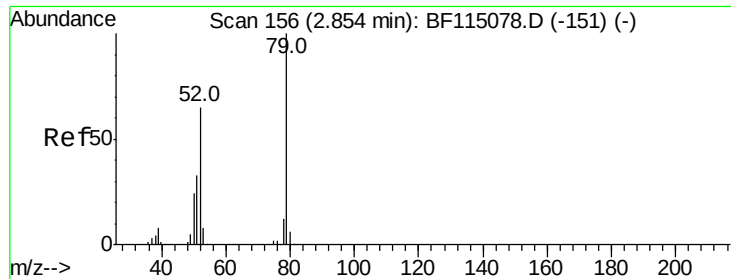
1,4-Dioxane  
Concen: 34.734 ng  
RT: 2.30 min Scan# 62  
Delta R.T. 0.11 min  
Lab File: BF115089.D  
Acq: 21 Jun 2019 20:31

Tgt Ion: 88 Resp: 290012  
Ion Ratio Lower Upper  
88 100  
58 69.4 56.1 84.1  
43 26.9 21.3 31.9



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: 35.091 ng

RT: 2.95 min Scan# 173

Delta R.T. 0.10 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA\_F

ClientSampleId :

PB120747BS

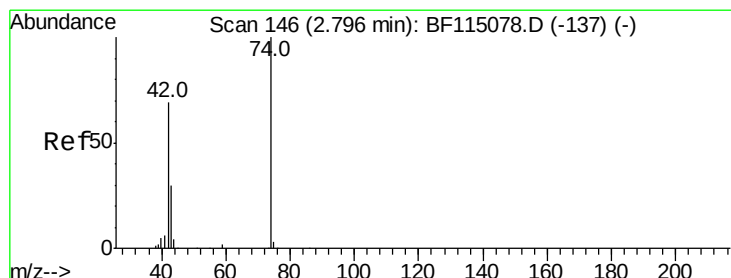
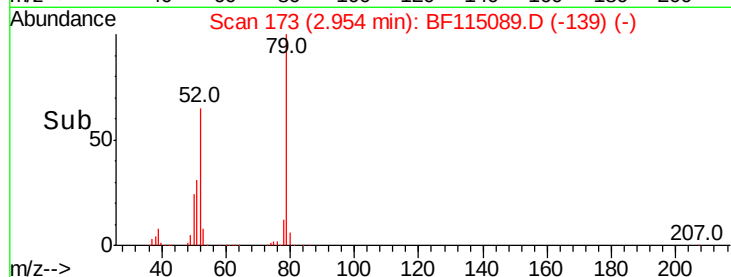
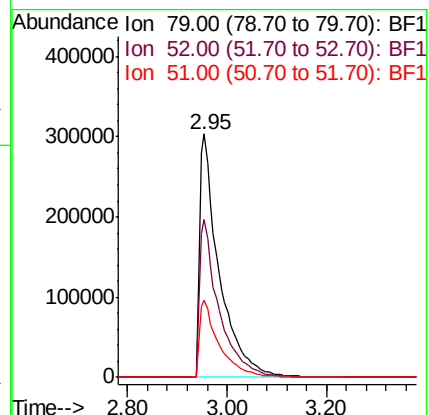
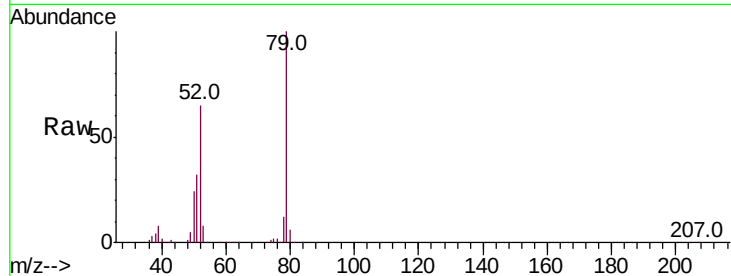
Tot Ion: 79 Resp: 825809

Ion Ratio Lower Upper

79 100

52 65.1 52.3 78.5

51 31.6 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 38.883 ng

RT: 2.90 min Scan# 164

Delta R.T. 0.11 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

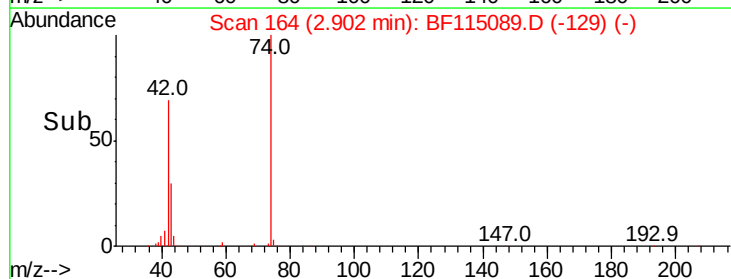
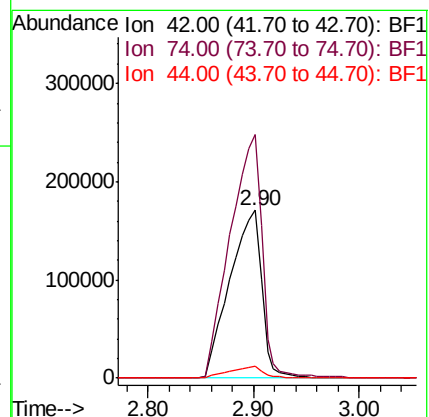
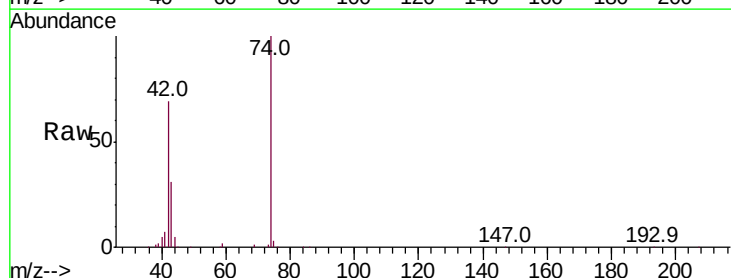
Tgt Ion: 42 Resp: 358721

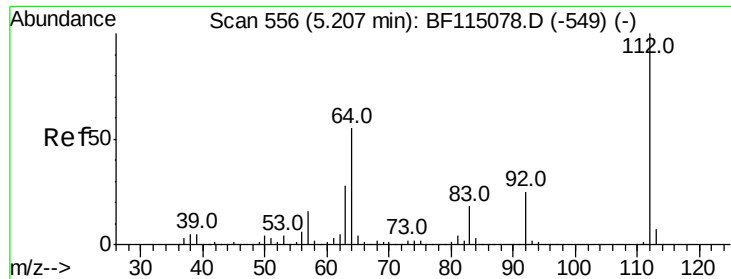
Ion Ratio Lower Upper

42 100

74 145.0 116.6 175.0

44 7.2 5.3 7.9

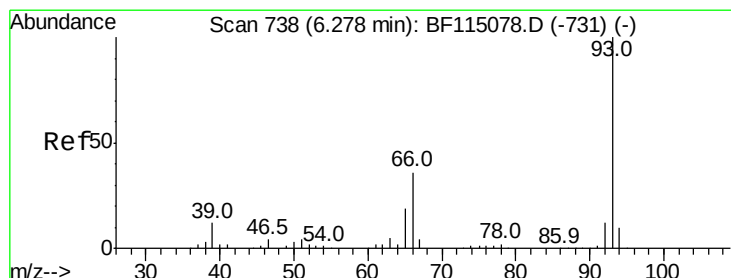
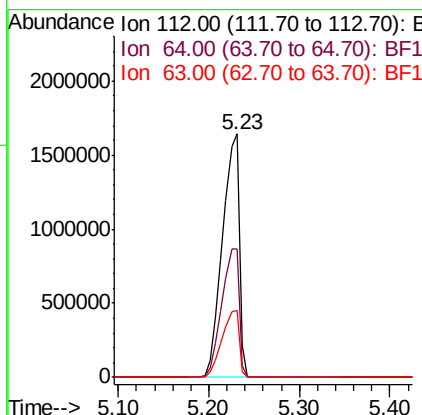
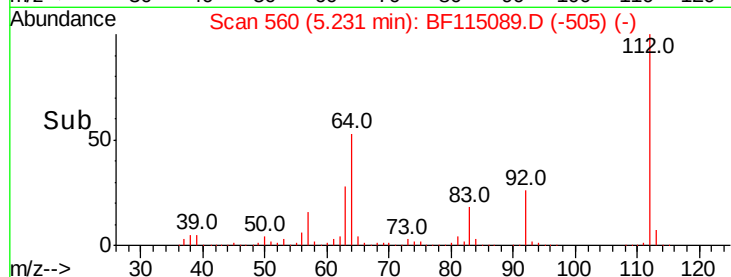
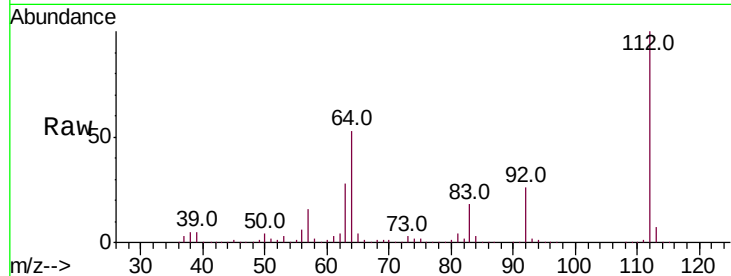




#5  
 2-Fluorophenol  
 Concen: 118.613 ng  
 RT: 5.23 min Scan# 560  
 Delta R.T. 0.02 min  
 Lab File: BF115089.D  
 Acq: 21 Jun 2019 20:31

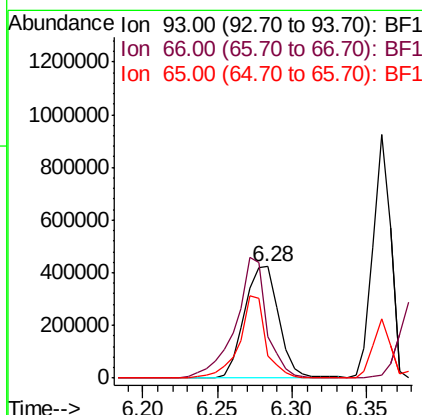
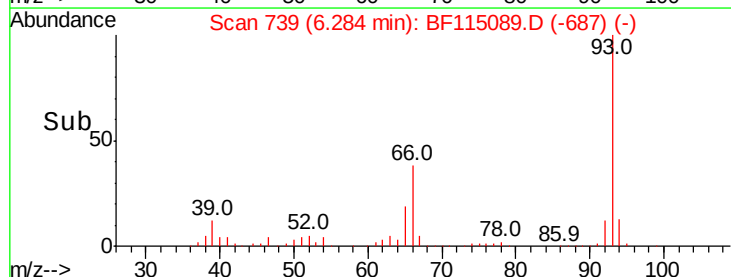
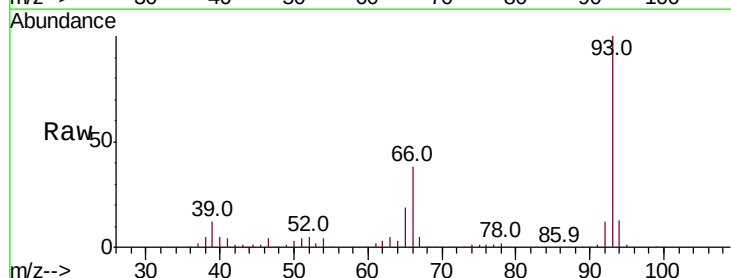
Instrument :  
 BNA\_F  
 ClientSampleId :  
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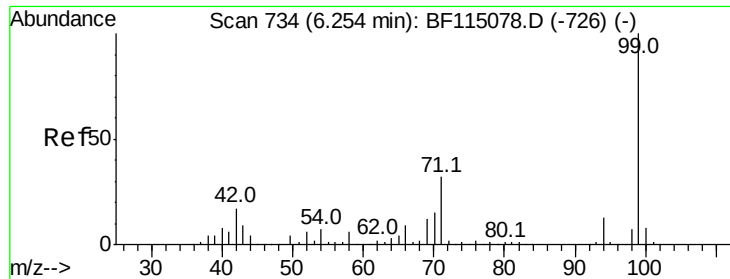
Tot Ion:112 Resp: 2098453  
 Ion Ratio Lower Upper  
 112 100  
 64 52.7 43.8 65.6  
 63 27.7 22.2 33.4



#6  
 Aniline  
 Concen: 22.907 ng  
 RT: 6.28 min Scan# 739  
 Delta R.T. 0.01 min  
 Lab File: BF115089.D  
 Acq: 21 Jun 2019 20:31

Tgt Ion: 93 Resp: 676029  
 Ion Ratio Lower Upper  
 93 100  
 66 37.6 30.0 45.0  
 65 19.5 15.6 23.4





#7

Phenol-d6

Concen: 122.396 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA\_F

ClientSampleId :

PB120747BS

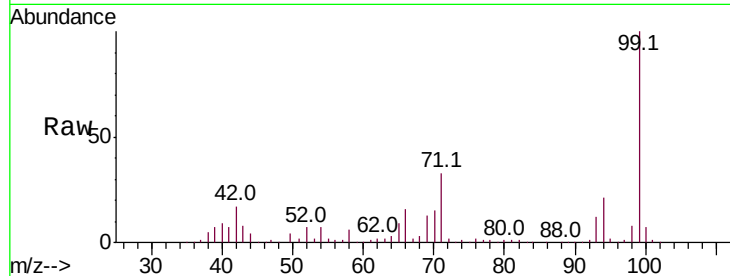
Tot Ion: 99 Resp: 2628234

Ion Ratio Lower Upper

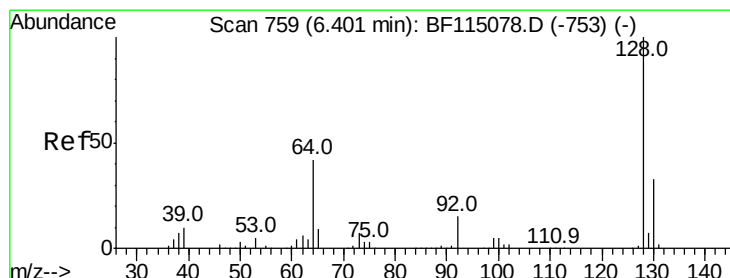
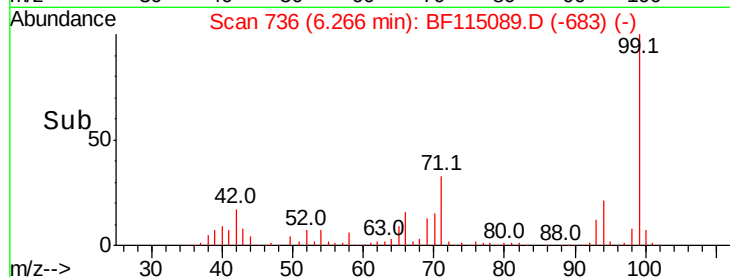
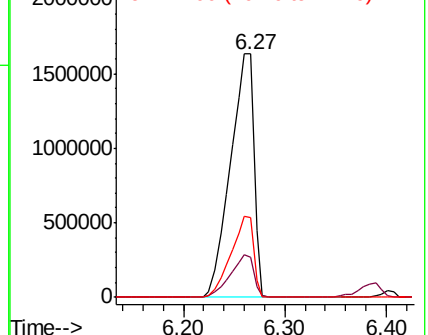
99 100

42 16.5 13.6 20.4

71 32.7 25.5 38.3



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: 41.029 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

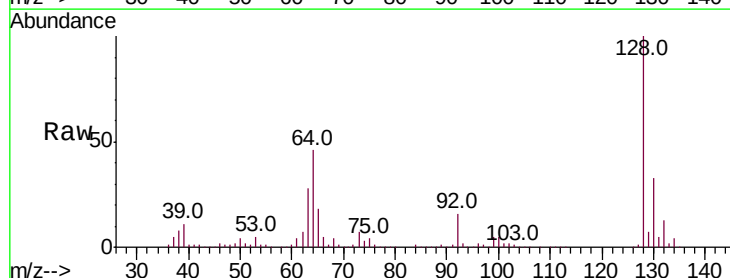
Tgt Ion:128 Resp: 816201

Ion Ratio Lower Upper

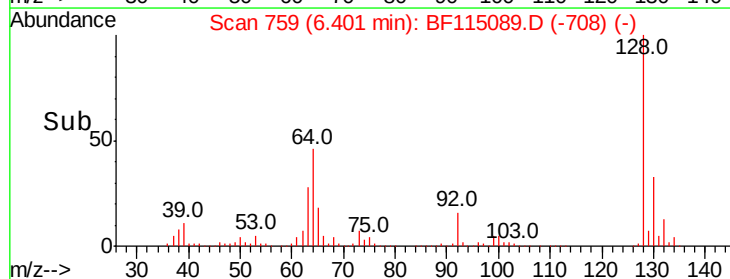
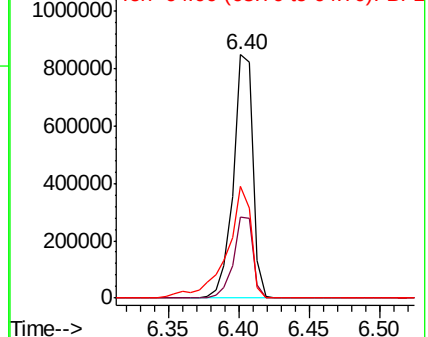
128 100

130 33.2 12.9 52.9

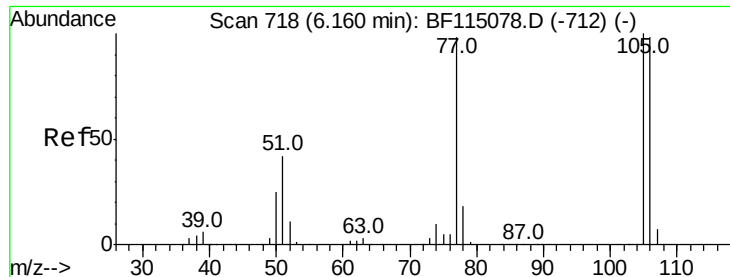
64 45.8 22.9 62.9



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: 15.829 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA\_F

ClientSampleId :

PB120747BS

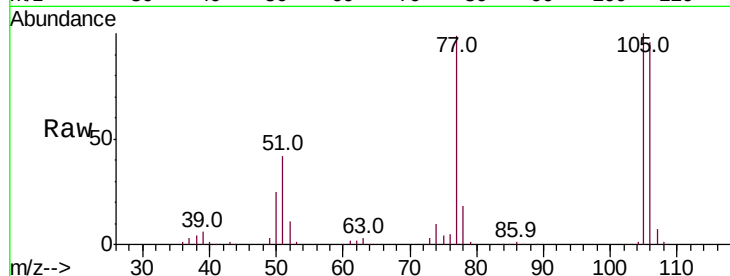
Tot Ion: 77 Resp: 221749

Ion Ratio Lower Upper

77 100

105 101.0 81.5 121.5

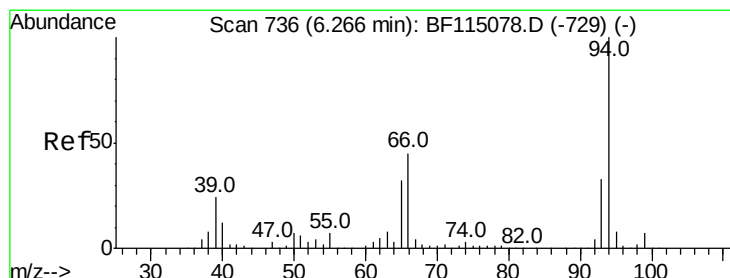
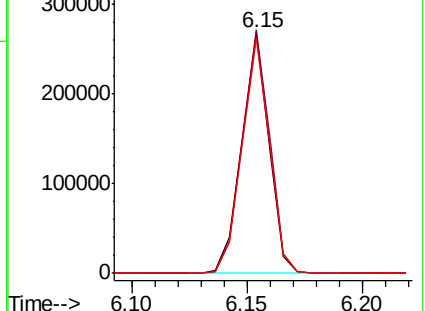
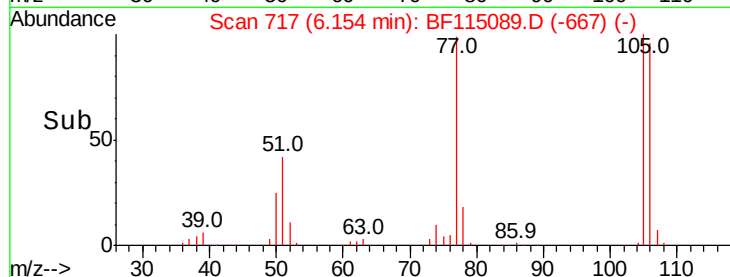
106 97.5 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.428 ng

RT: 6.28 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

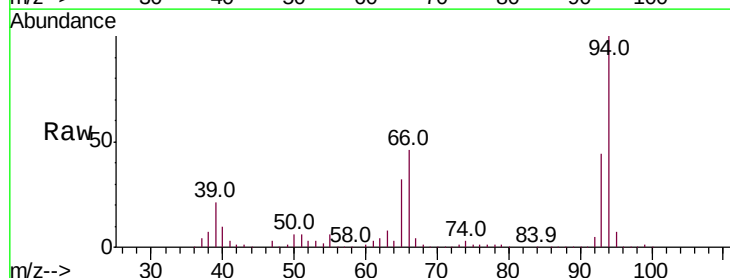
Tgt Ion: 94 Resp: 966583

Ion Ratio Lower Upper

94 100

65 31.7 11.9 51.9

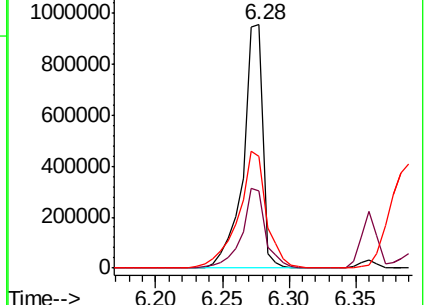
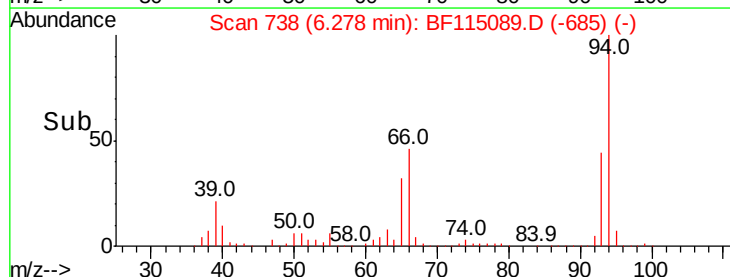
66 45.8 25.2 65.2



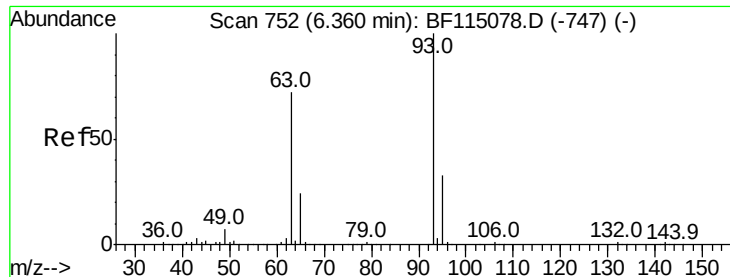
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



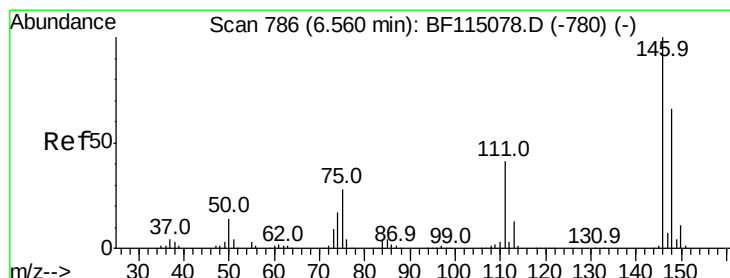
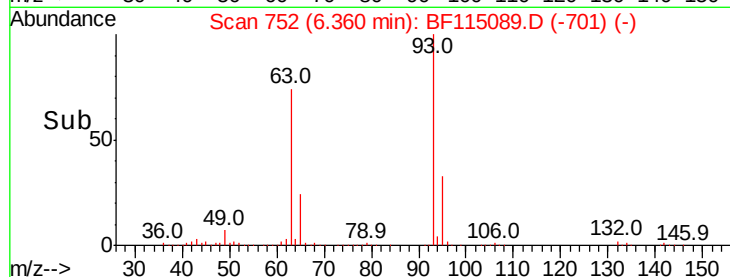
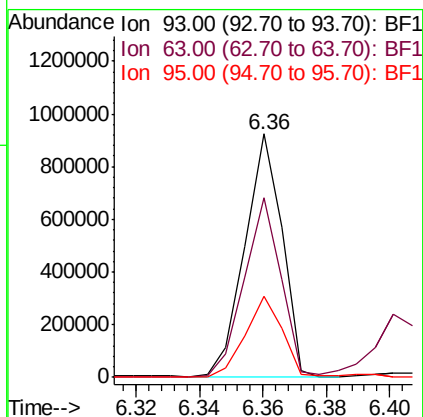
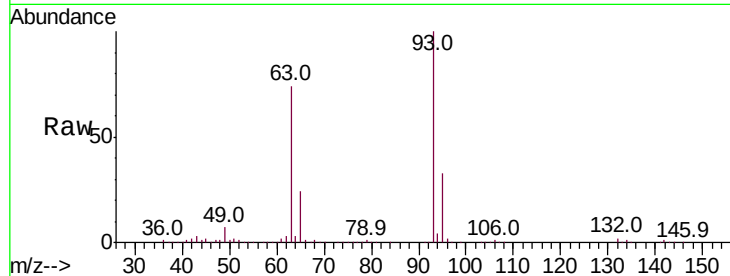




#11  
bis(2-Chloroethyl)ether  
Concen: 40.373 ng  
RT: 6.36 min Scan# 752  
Delta R.T. 0.00 min  
Lab File: BF115089.D  
Acq: 21 Jun 2019 20:31

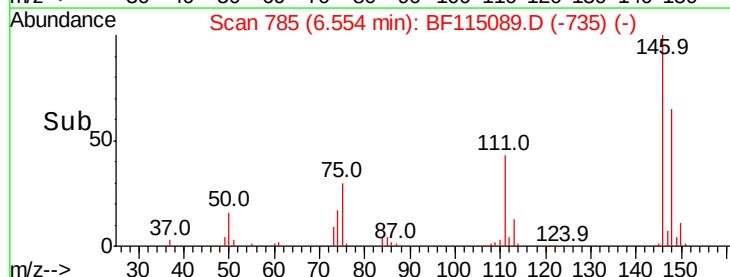
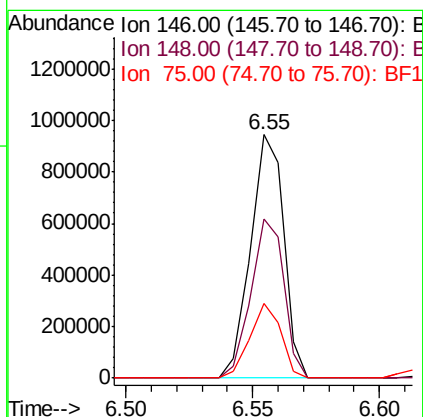
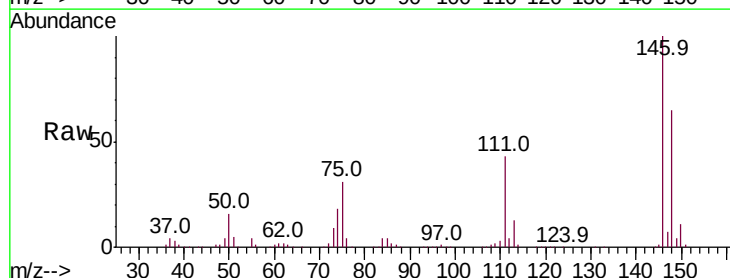
Instrument :  
BNA\_F  
ClientSampleId :  
PB120747BS

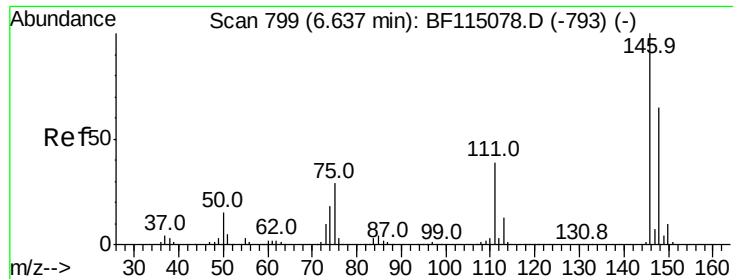
Tot Ion: 93 Resp: 748561  
Ion Ratio Lower Upper  
93 100  
63 73.7 51.5 91.5  
95 33.4 13.4 53.4



#12  
1,3-Dichlorobenzene  
Concen: 39.127 ng  
RT: 6.55 min Scan# 785  
Delta R.T. -0.01 min  
Lab File: BF115089.D  
Acq: 21 Jun 2019 20:31

Tgt Ion: 146 Resp: 863833  
Ion Ratio Lower Upper  
146 100  
148 65.2 52.6 78.8  
75 30.8 22.6 34.0

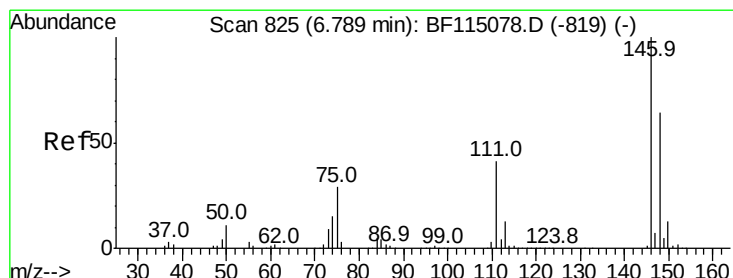
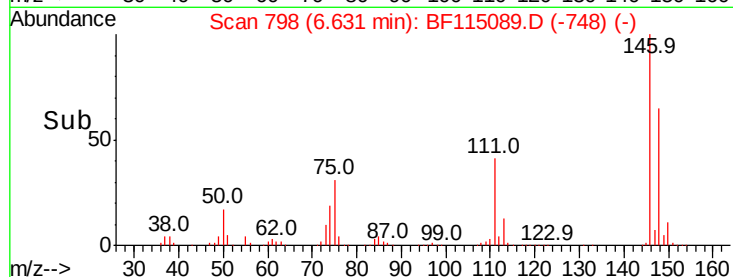
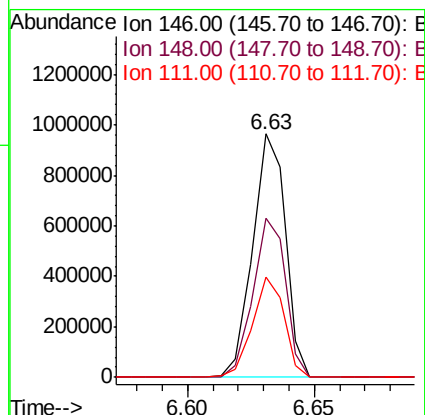
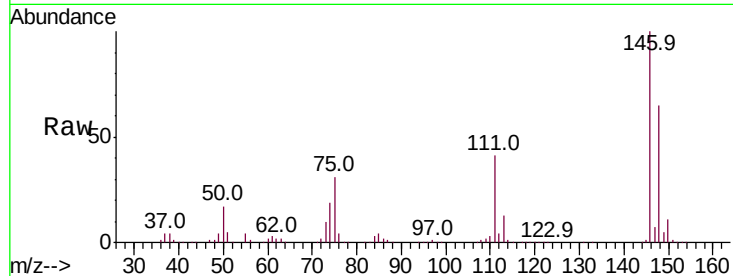




#13  
 1,4-Dichlorobenzene  
 Concen: 39.424 ng  
 RT: 6.63 min Scan# 798  
 Delta R.T. -0.01 min  
 Lab File: BF115089.D  
 Acq: 21 Jun 2019 20:31

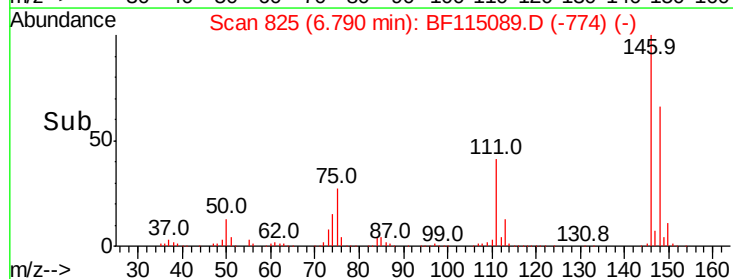
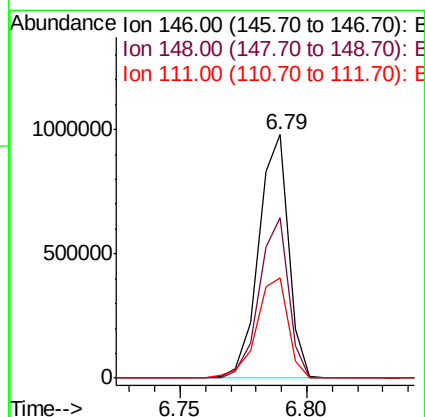
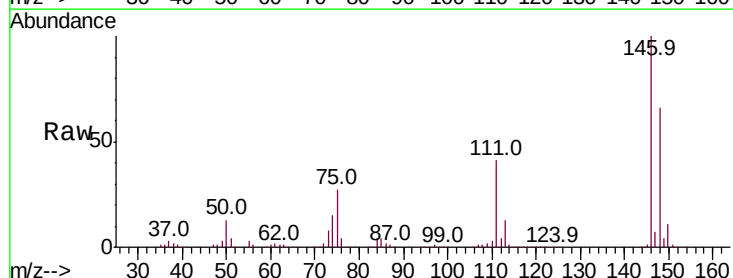
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120747BS

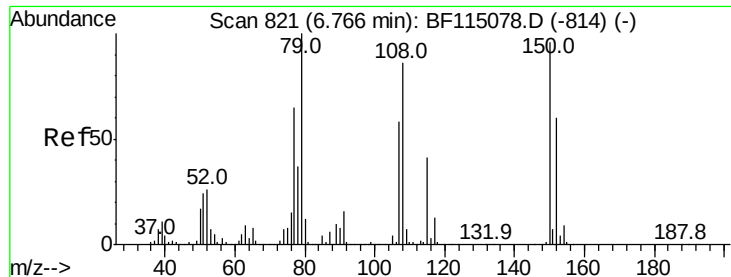
Tot Ion:146 Resp: 872814  
 Ion Ratio Lower Upper  
 146 100  
 148 65.2 51.9 77.9  
 111 41.0 31.4 47.0



#14  
 1,2-Dichlorobenzene  
 Concen: 39.205 ng  
 RT: 6.79 min Scan# 825  
 Delta R.T. 0.00 min  
 Lab File: BF115089.D  
 Acq: 21 Jun 2019 20:31

Tgt Ion:146 Resp: 803787  
 Ion Ratio Lower Upper  
 146 100  
 148 65.7 51.1 76.7  
 111 41.0 33.2 49.8





#15

Benzyl Alcohol

Concen: 40.954 ng

RT: 6.77 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA\_F

ClientSampleId :

PB120747BS

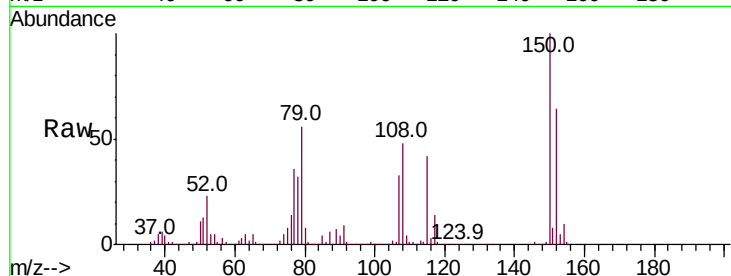
Tot Ion: 79 Resp: 640359

Ion Ratio Lower Upper

79 100

108 84.5 68.7 103.1

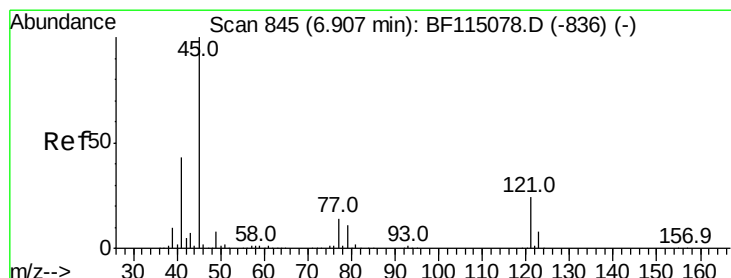
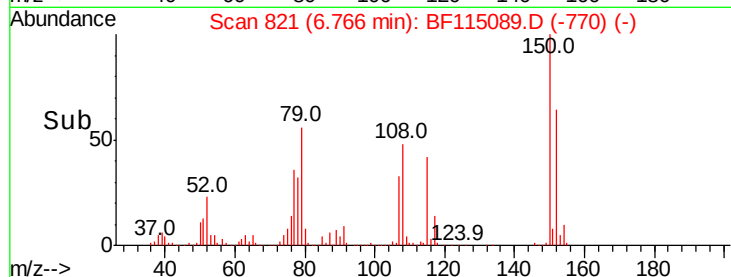
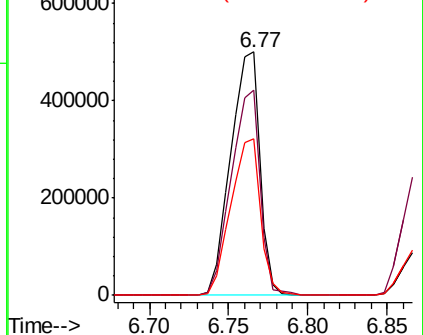
77 64.2 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.562 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

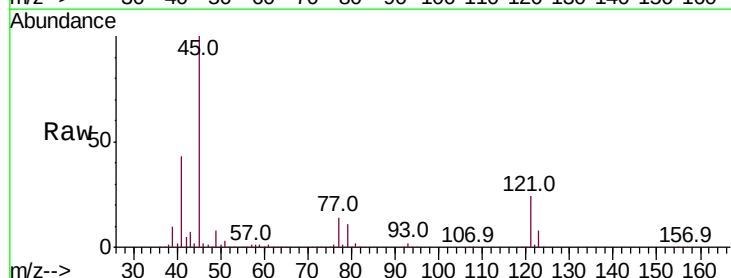
Tgt Ion: 45 Resp: 1090783

Ion Ratio Lower Upper

45 100

77 14.1 0.0 34.6

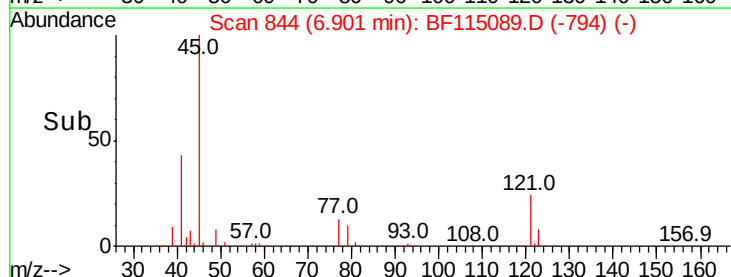
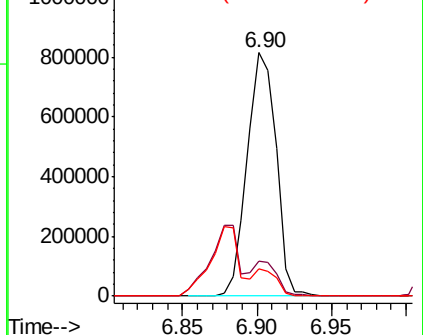
79 11.1 0.0 31.2

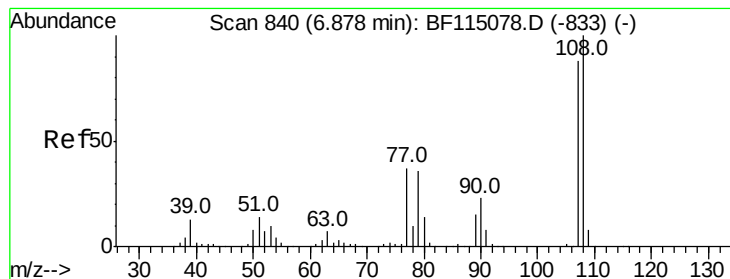


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 42.492 ng

RT: 6.88 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA\_F

ClientSampleId :

PB120747BS

Tot Ion:107 Resp: 697736

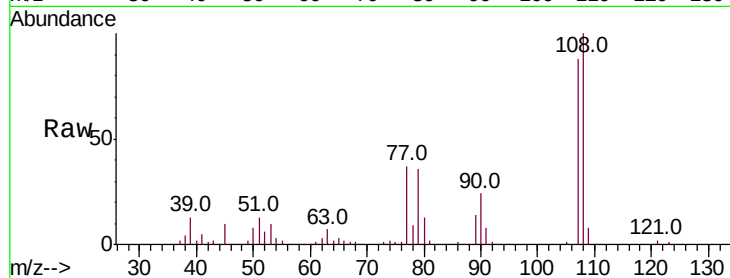
Ion Ratio Lower Upper

107 100

108 113.5 90.9 136.3

77 42.5 33.4 50.2

79 40.9 32.3 48.5

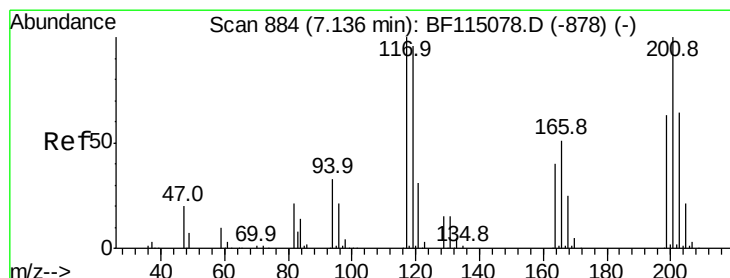
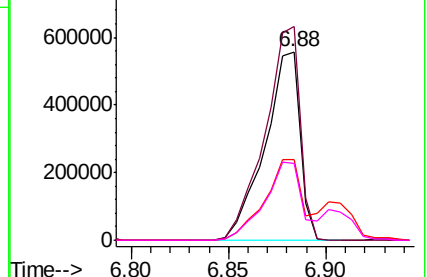
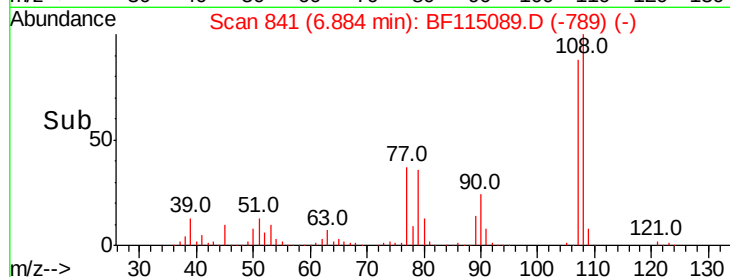


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.678 ng

RT: 7.13 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

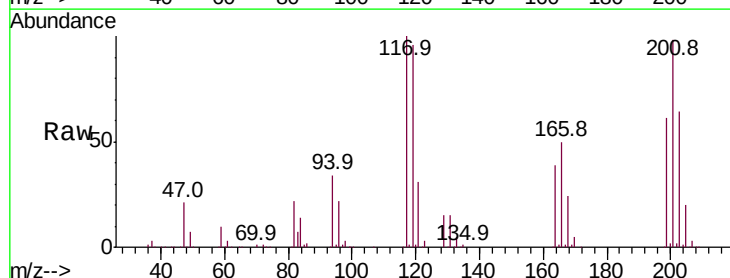
Tgt Ion:117 Resp: 316691

Ion Ratio Lower Upper

117 100

119 95.8 76.6 114.8

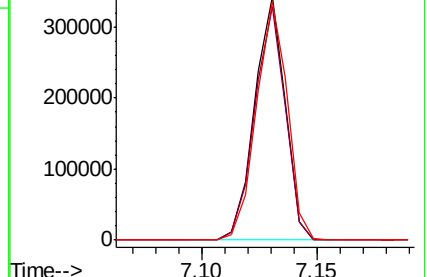
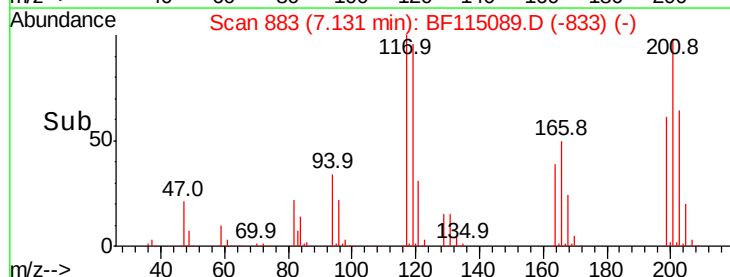
201 98.0 80.2 120.2

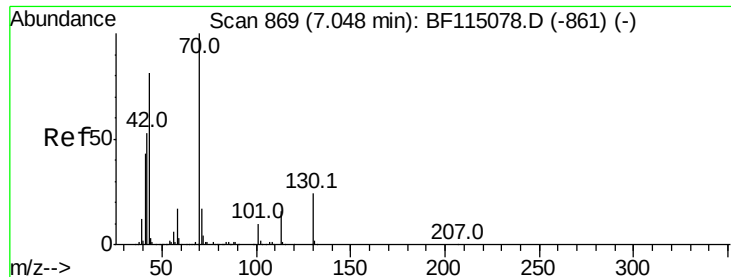


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

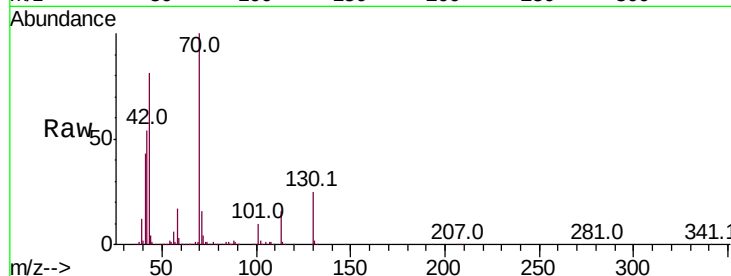




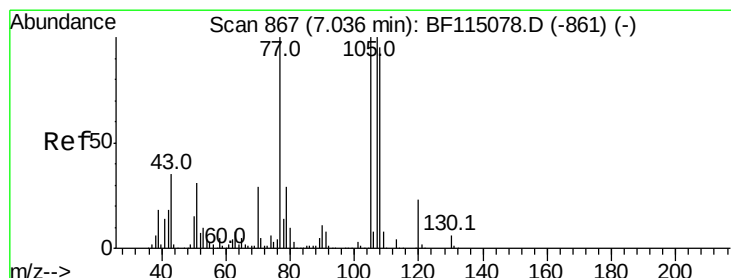
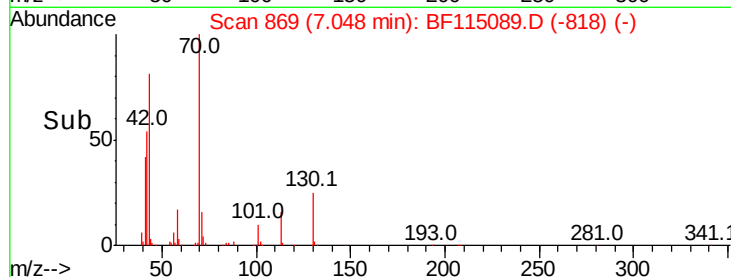
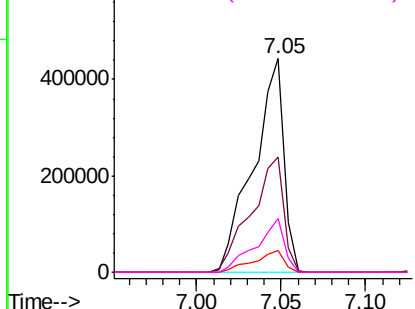
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.379 ng  
RT: 7.05 min Scan# 869  
Delta R.T. 0.00 min  
Lab File: BF115089.D  
Acq: 21 Jun 2019 20:31

Instrument :  
BNA\_F  
ClientSampleId :  
PB120747BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 555107 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 54.1  | 42.6  | 63.8   |
| 101      | 10.1  | 8.0   | 12.0   |
| 130      | 24.9  | 19.4  | 29.0   |

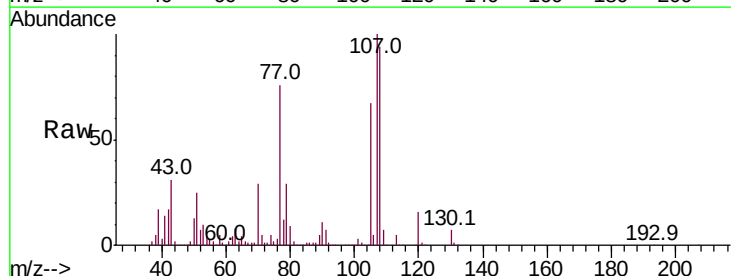


Abundance Ion 70.00 (69.70 to 70.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

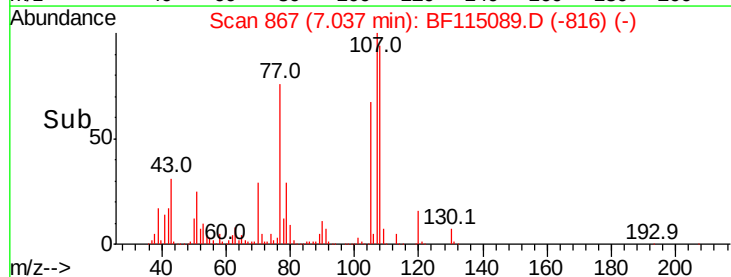
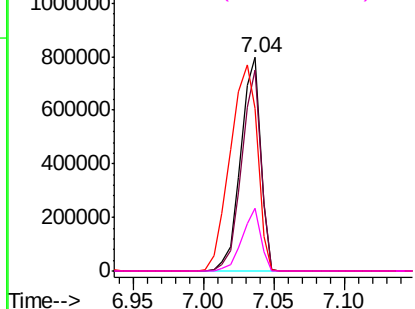


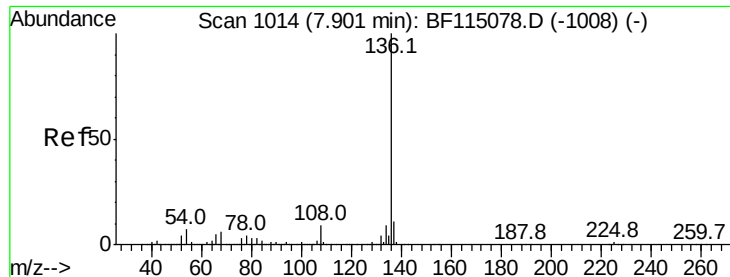
#20  
3+4-Methylphenols  
Concen: 41.485 ng  
RT: 7.04 min Scan# 867  
Delta R.T. 0.00 min  
Lab File: BF115089.D  
Acq: 21 Jun 2019 20:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 786563 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 94.1  | 75.5  | 115.5  |
| 77       | 76.4  | 80.2  | 120.2# |
| 79       | 29.2  | 9.5   | 49.5   |



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA\_F

ClientSampleId :

PB120747BS

Tot Ion:136 Resp: 1080920

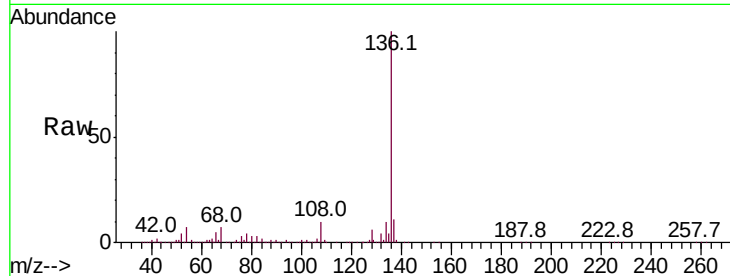
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.5 5.6 8.4

68 6.5 4.8 7.2

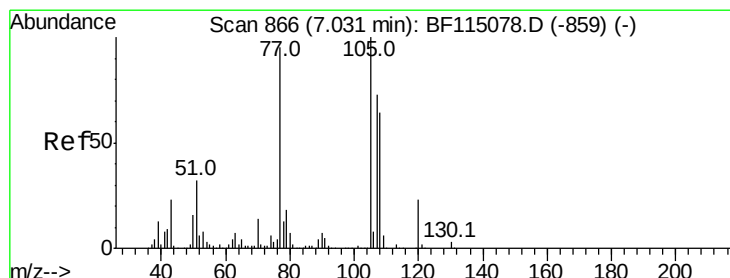
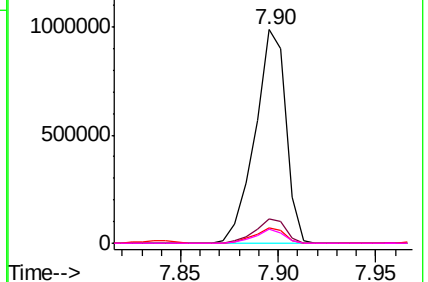
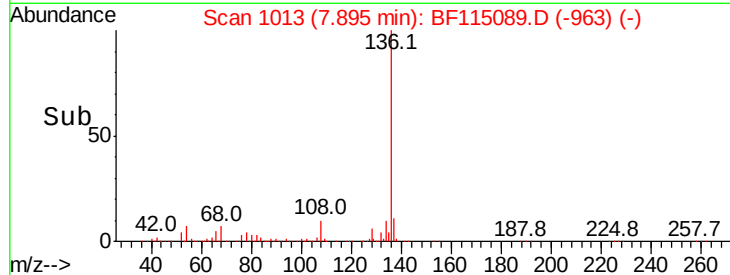


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.097 ng

RT: 7.03 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Tgt Ion:105 Resp: 1091229

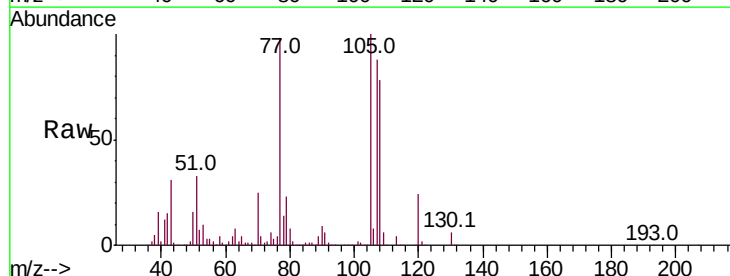
Ion Ratio Lower Upper

105 100

71 3.9 1.9 2.9#

51 33.0 25.8 38.8

120 23.6 18.5 27.7

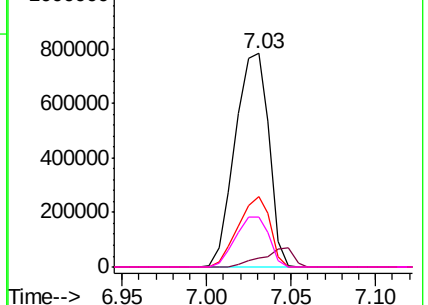
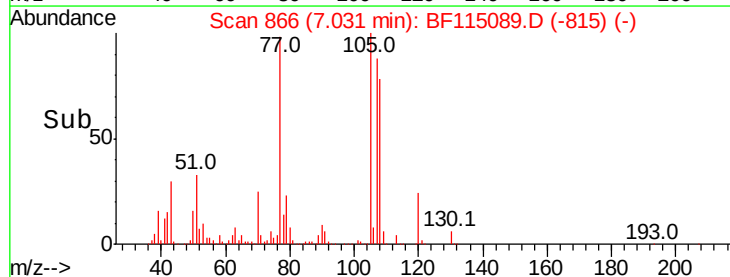


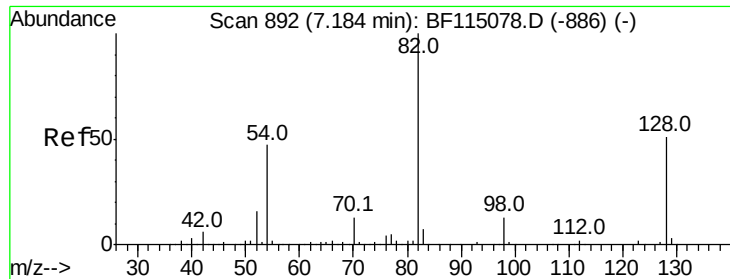
Abundance Ion 105.00 (104.70 to 105.70): E

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



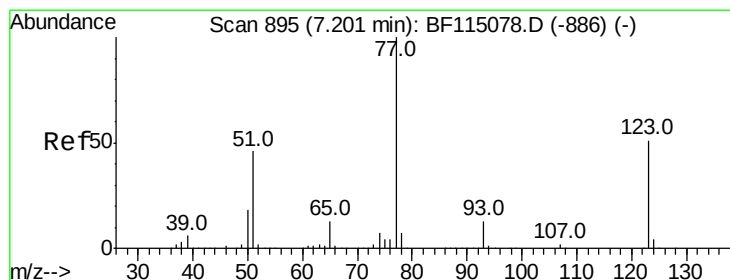
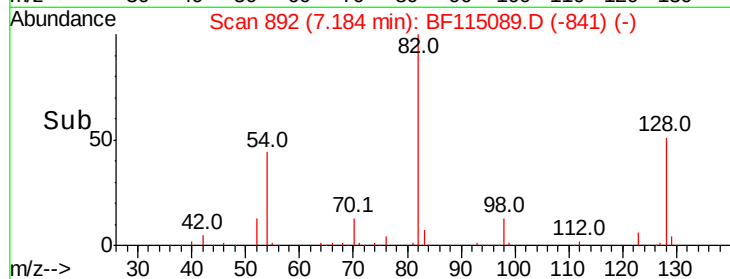
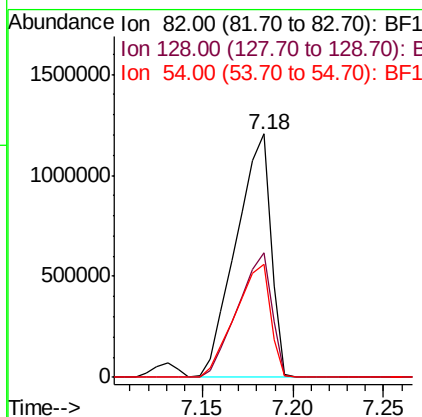
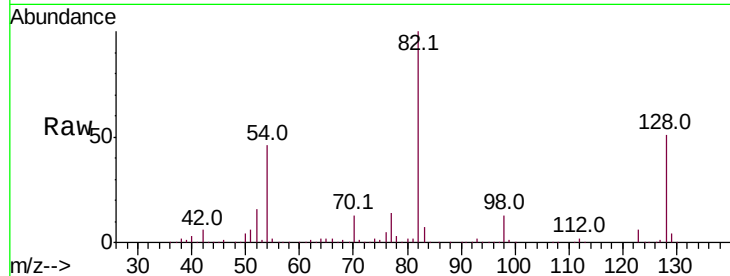


#23  
 Nitrobenzene-d5  
 Concen: 91.786 ng  
 RT: 7.18 min Scan# 892  
 Delta R.T. 0.00 min  
 Lab File: BF115089.D  
 Acq: 21 Jun 2019 20:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120747BS

Tot Ion: 82 Resp: 1612813  

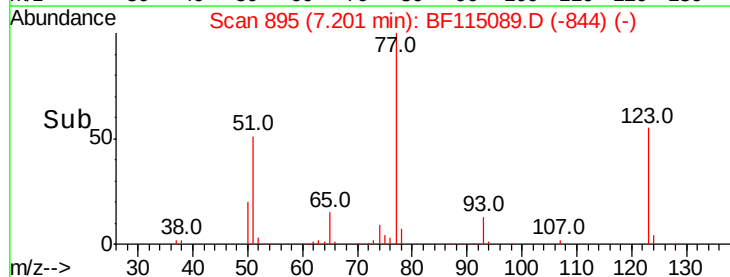
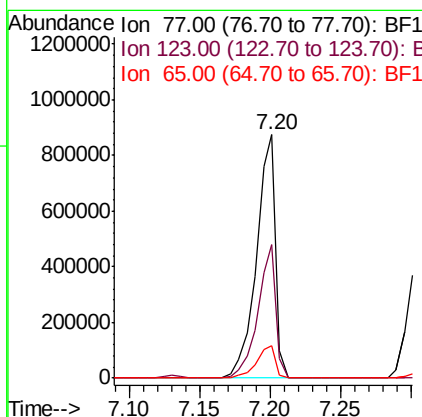
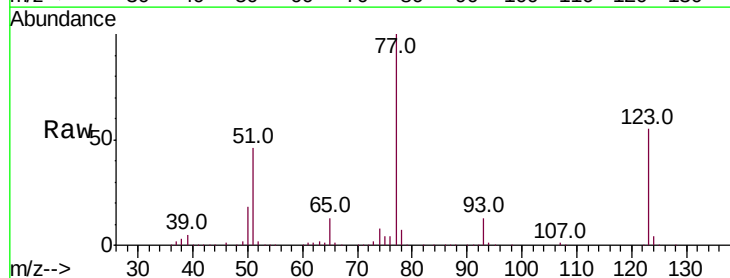
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 51.2  | 40.4  | 60.6  |
| 54  | 46.2  | 37.5  | 56.3  |



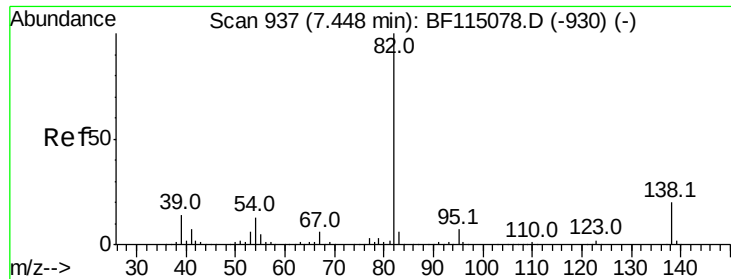
#24  
 Nitrobenzene  
 Concen: 42.878 ng  
 RT: 7.20 min Scan# 895  
 Delta R.T. 0.00 min  
 Lab File: BF115089.D  
 Acq: 21 Jun 2019 20:31

Tgt Ion: 77 Resp: 830048  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 54.8  | 41.0  | 61.6  |
| 65  | 13.2  | 10.5  | 15.7  |







#25

Isophorone

Concen: 43.915 ng

RT: 7.45 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA\_F

ClientSampleId :

PB120747BS

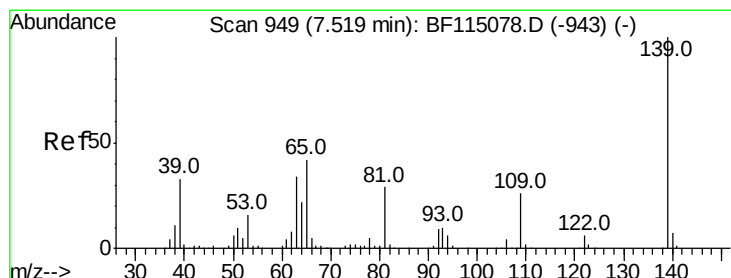
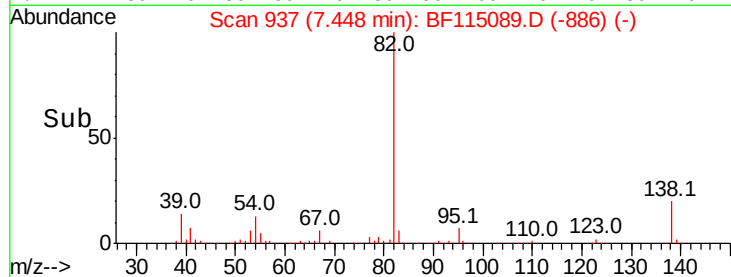
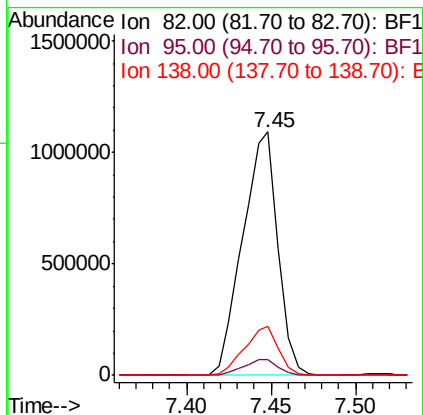
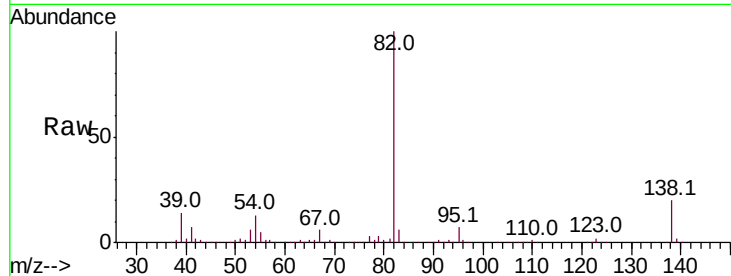
Tot Ion: 82 Resp: 1580761

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

138 20.2 15.9 23.9



#26

2-Nitrophenol

Concen: 46.920 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

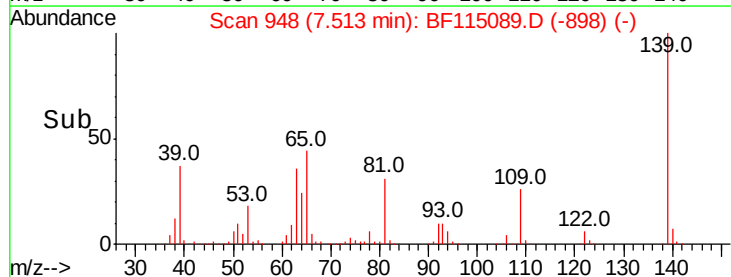
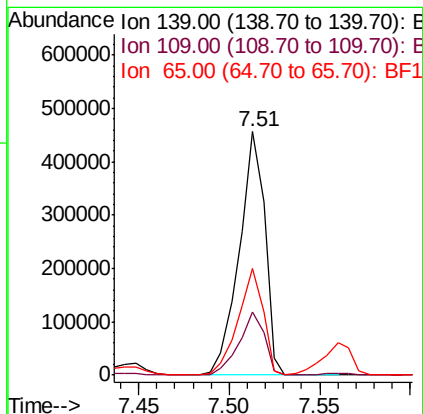
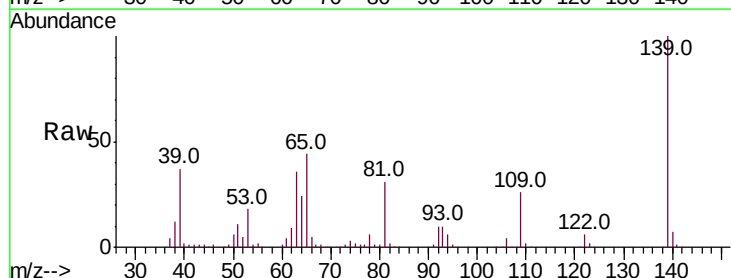
Tgt Ion: 139 Resp: 448549

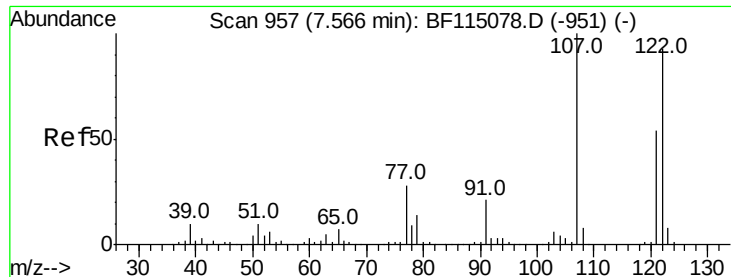
Ion Ratio Lower Upper

139 100

109 26.1 20.4 30.6

65 43.9 33.6 50.4

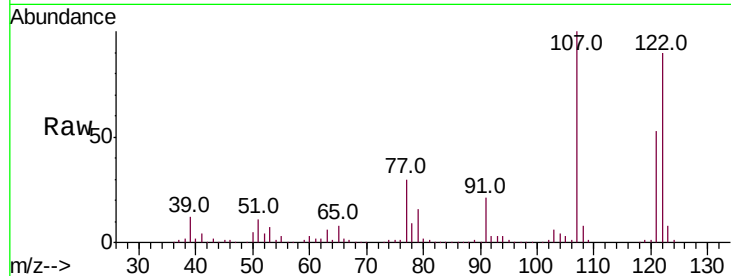




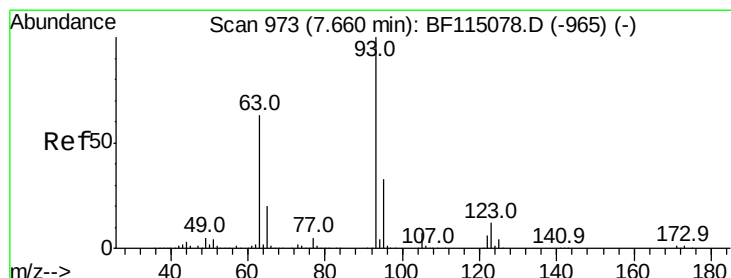
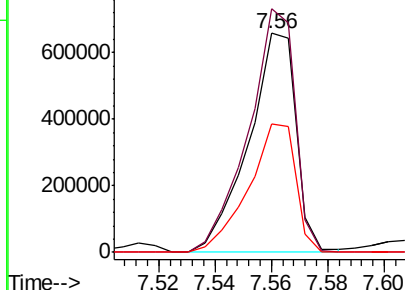
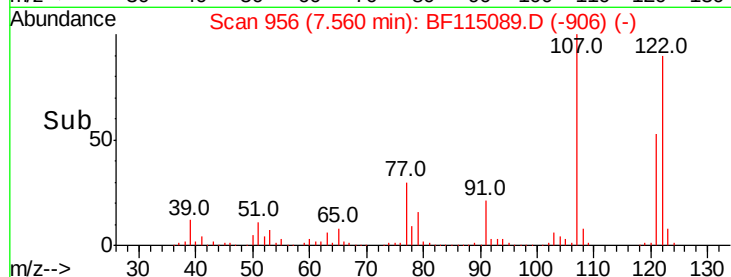
#27  
 2,4-Dimethylphenol  
 Concen: 49.410 ng  
 RT: 7.56 min Scan# 956  
 Delta R.T. -0.01 min  
 Lab File: BF115089.D  
 Acq: 21 Jun 2019 20:31

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB120747BS

Tot Ion:122 Resp: 773384  
 Ion Ratio Lower Upper  
 122 100  
 107 111.3 85.8 128.6  
 121 58.9 46.3 69.5

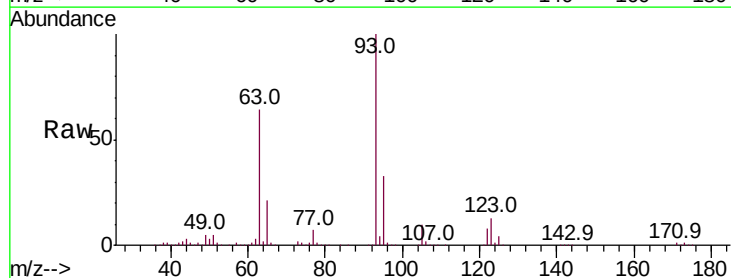


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

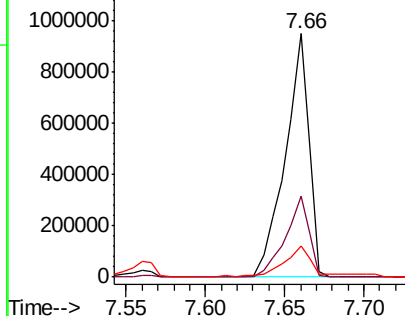
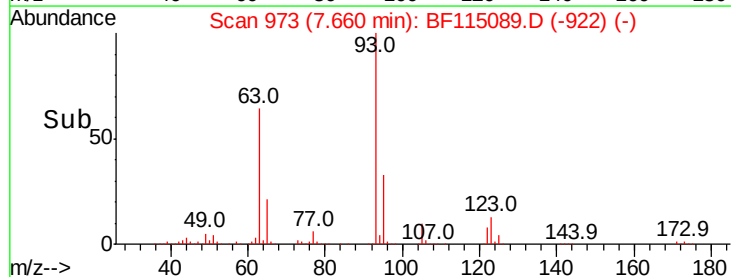


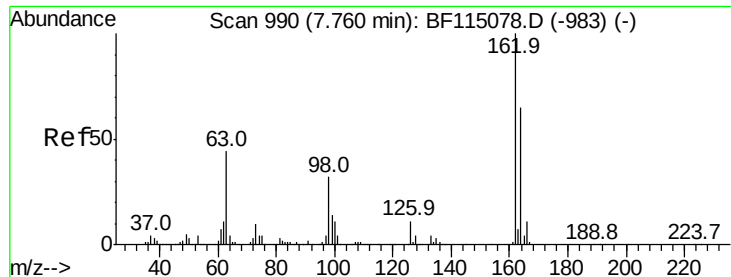
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 43.253 ng  
 RT: 7.66 min Scan# 973  
 Delta R.T. 0.00 min  
 Lab File: BF115089.D  
 Acq: 21 Jun 2019 20:31

Tgt Ion: 93 Resp: 984056  
 Ion Ratio Lower Upper  
 93 100  
 95 33.2 26.2 39.4  
 123 12.9 9.7 14.5



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

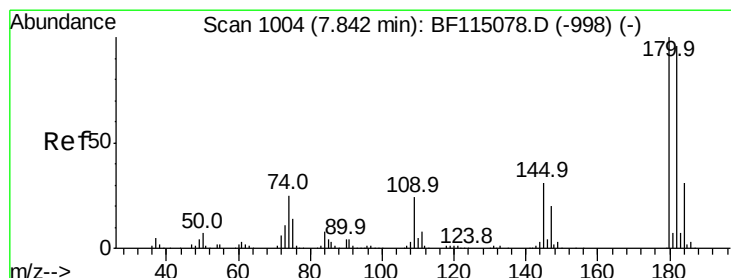
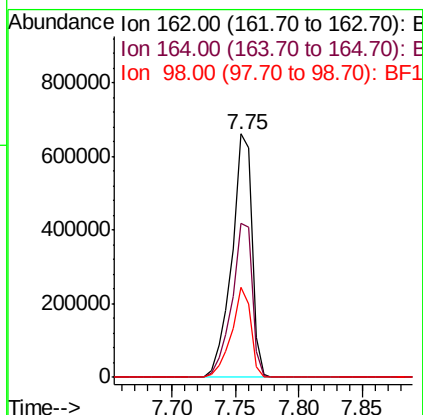
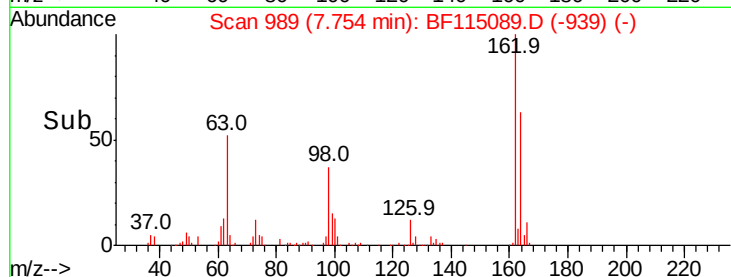
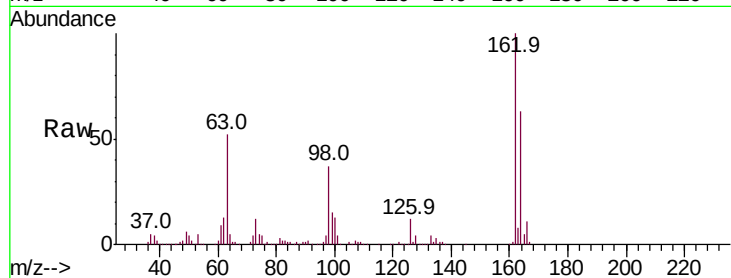




#29  
 2,4-Dichlorophenol  
 Concen: 44.675 ng  
 RT: 7.75 min Scan# 989  
 Delta R.T. -0.01 min  
 Lab File: BF115089.D  
 Acq: 21 Jun 2019 20:31

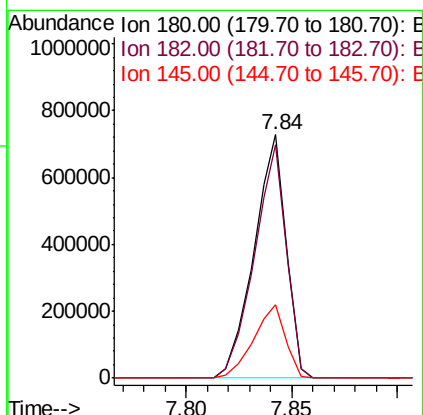
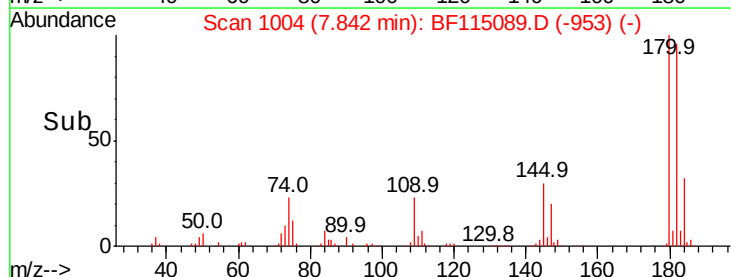
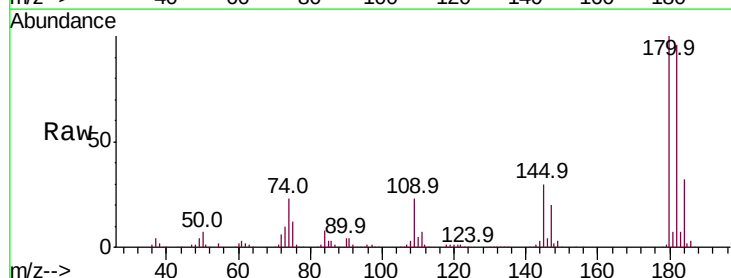
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120747BS

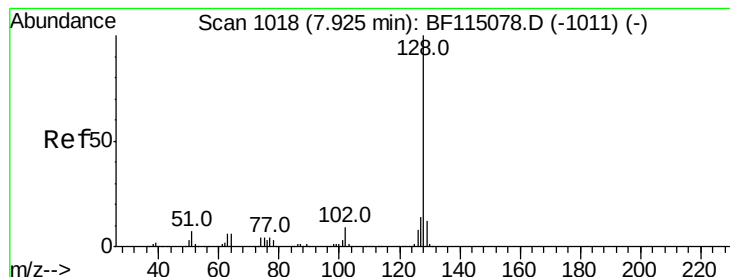
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.5  | 45.3  | 85.3  |
| 98      | 36.9  | 12.5  | 52.5  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 43.080 ng  
 RT: 7.84 min Scan# 1004  
 Delta R.T. 0.00 min  
 Lab File: BF115089.D  
 Acq: 21 Jun 2019 20:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.1  | 76.4  | 114.6 |
| 145     | 30.1  | 24.8  | 37.2  |





#31

Naphthalene

Concen: 43.618 ng

RT: 7.92 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA\_F

ClientSampleId :

PB120747BS

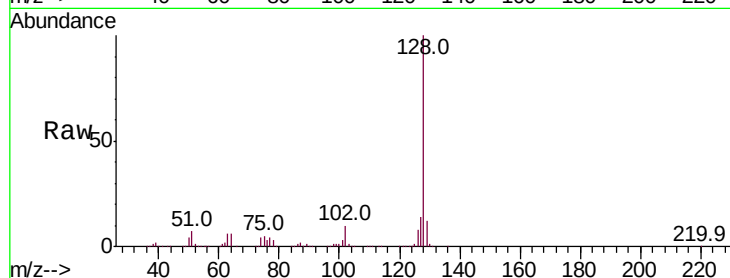
Tot Ion:128 Resp: 2314351

Ion Ratio Lower Upper

128 100

129 12.4 9.6 14.4

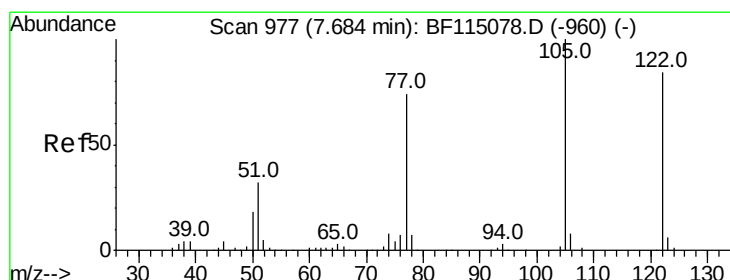
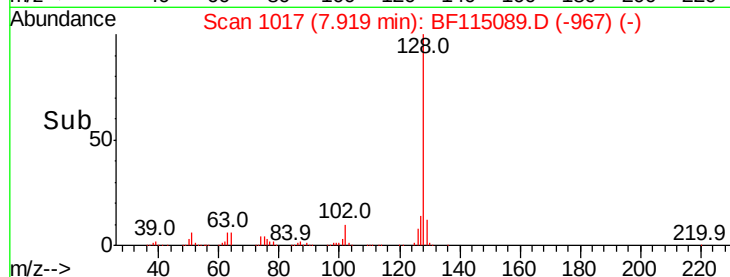
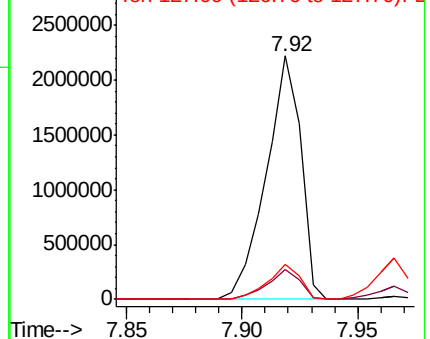
127 14.4 11.4 17.0



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: 53.033 ng

RT: 7.71 min Scan# 981

Delta R.T. 0.02 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

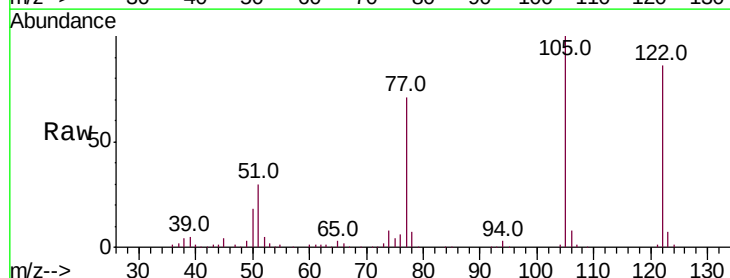
Tgt Ion:122 Resp: 592532

Ion Ratio Lower Upper

122 100

105 115.8 98.2 138.2

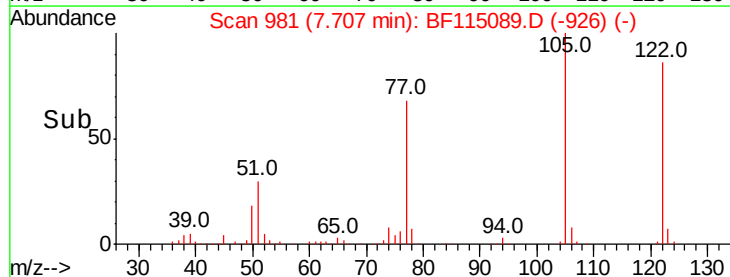
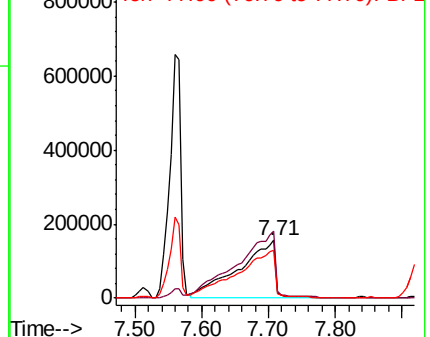
77 81.8 67.0 107.0

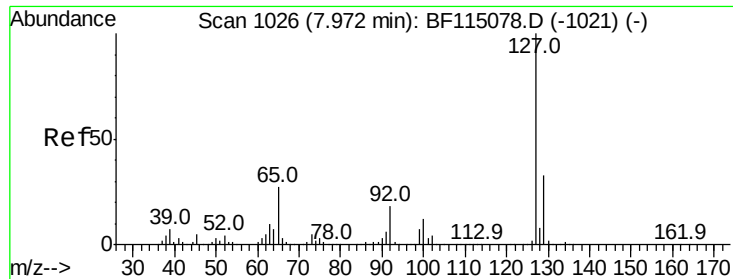


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

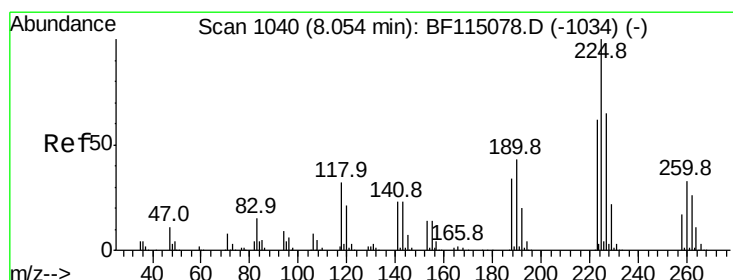
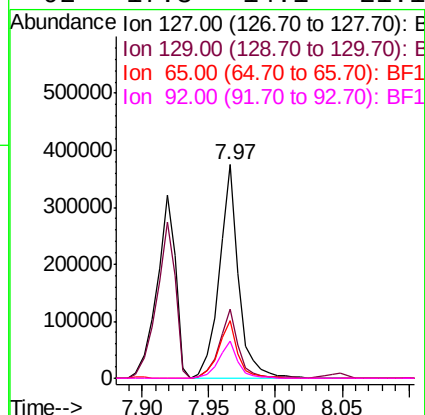
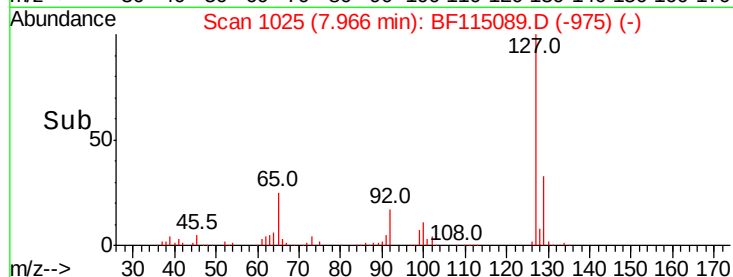
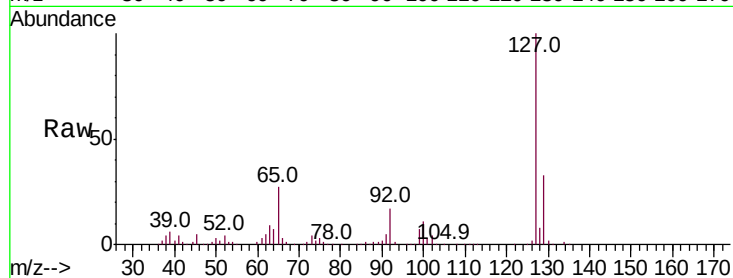




#33  
4-Chloroaniline  
Concen: 15.741 ng  
RT: 7.97 min Scan# 1025  
Delta R.T. -0.01 min  
Lab File: BF115089.D  
Acq: 21 Jun 2019 20:31

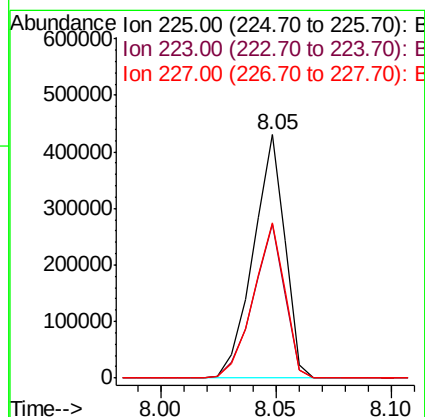
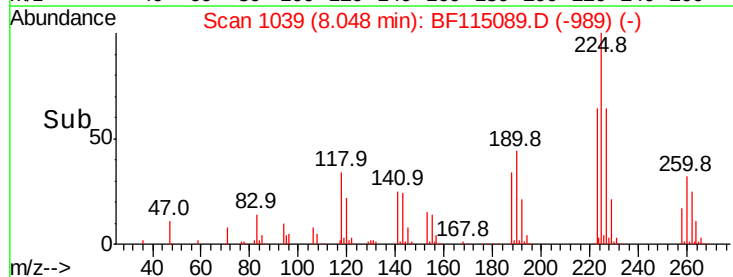
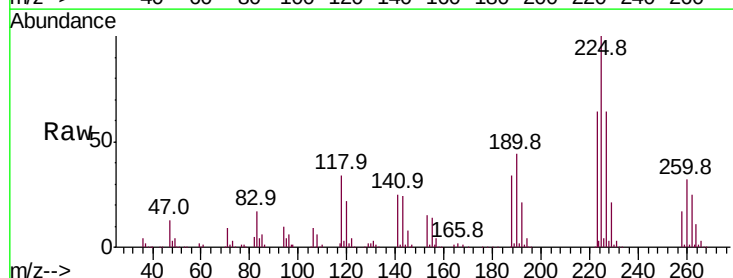
Instrument :  
BNA\_F  
ClientSampleId :  
PB120747BS

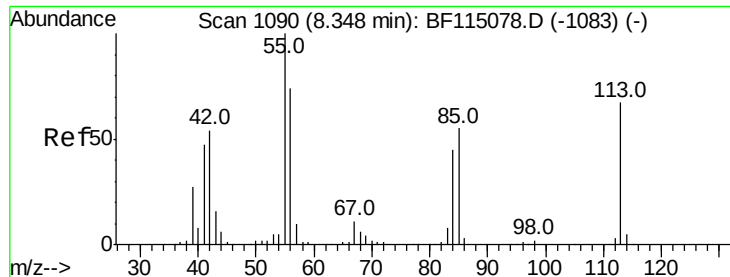
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 381713 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.5  | 26.1  | 39.1   |
| 65       | 26.7  | 21.4  | 32.2   |
| 92       | 17.3  | 14.1  | 21.1   |



#34  
Hexachlorobutadiene  
Concen: 41.987 ng  
RT: 8.05 min Scan# 1039  
Delta R.T. -0.01 min  
Lab File: BF115089.D  
Acq: 21 Jun 2019 20:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 410535 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.5  | 49.4  | 74.2   |
| 227      | 63.9  | 51.8  | 77.8   |

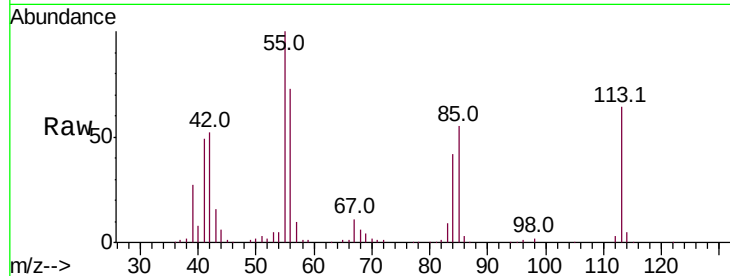




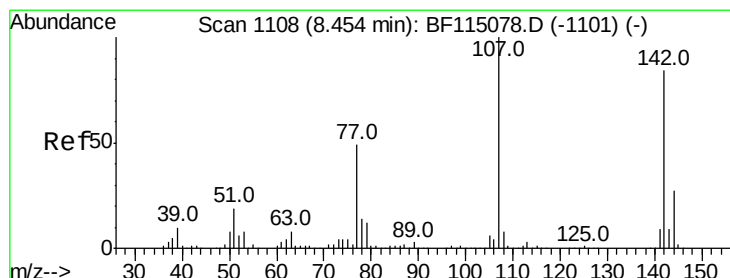
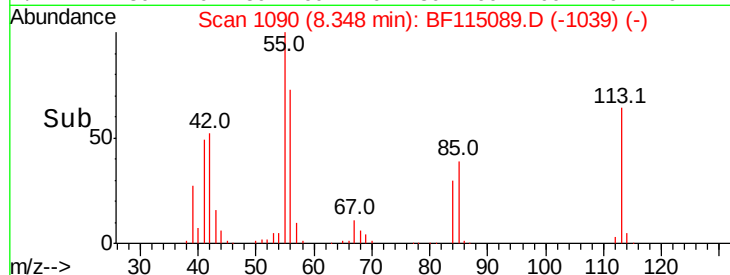
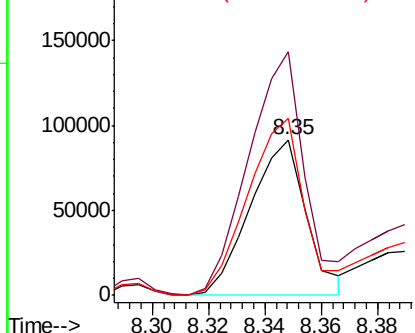
#35  
 Caprolactam  
 Concen: 23.231 ng  
 RT: 8.35 min Scan# 1090  
 Delta R.T. 0.00 min  
 Lab File: BF115089.D  
 Acq: 21 Jun 2019 20:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120747BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 156.3 | 130.2 | 170.2 |
| 56      | 113.7 | 91.6  | 131.6 |

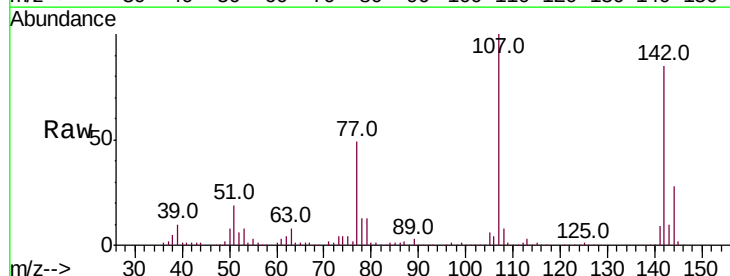


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

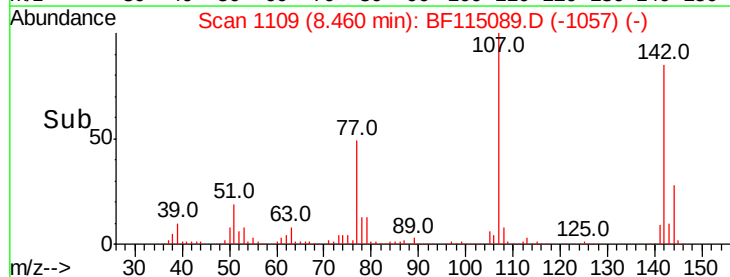
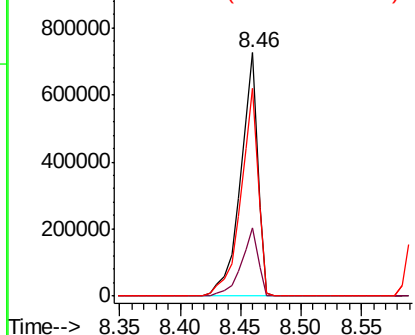


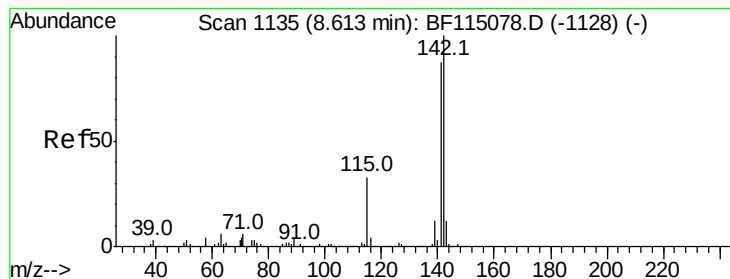
#36  
 4-Chloro-3-methylphenol  
 Concen: 44.386 ng  
 RT: 8.46 min Scan# 1109  
 Delta R.T. 0.01 min  
 Lab File: BF115089.D  
 Acq: 21 Jun 2019 20:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 27.9  | 21.7  | 32.5  |
| 142     | 85.4  | 67.0  | 100.4 |



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: 44.645 ng

RT: 8.61 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA\_F

ClientSampleId :

PB120747BS

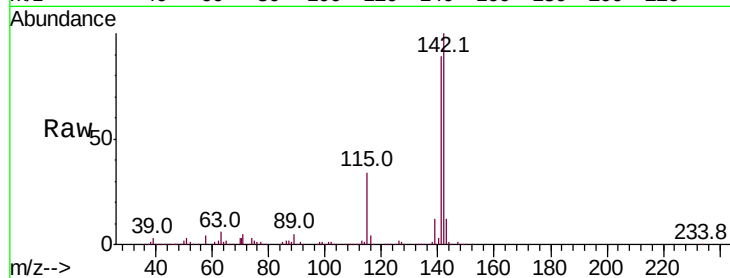
Tot Ion:142 Resp: 1597218

Ion Ratio Lower Upper

142 100

141 88.6 69.8 104.6

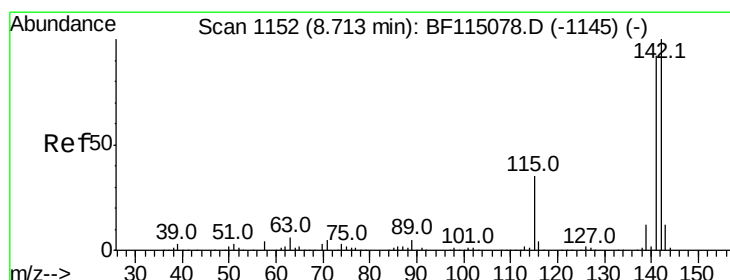
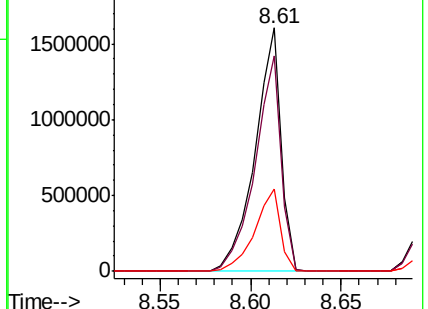
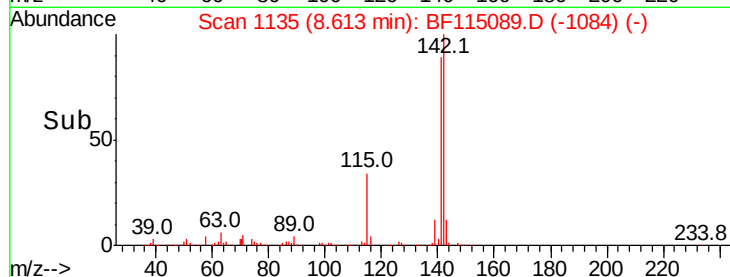
115 33.7 26.7 40.1



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: 44.718 ng

RT: 8.71 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

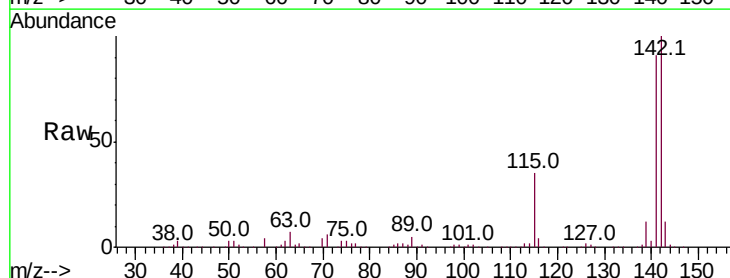
Tgt Ion:142 Resp: 1527924

Ion Ratio Lower Upper

142 100

141 90.6 73.8 110.8

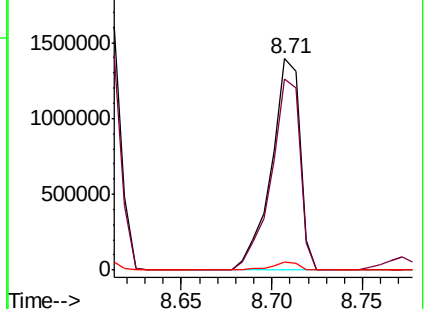
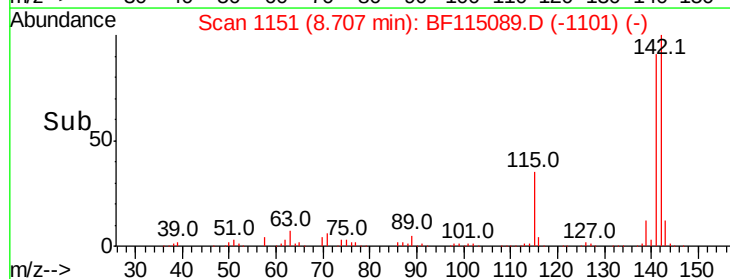
116 3.8 2.8 4.2

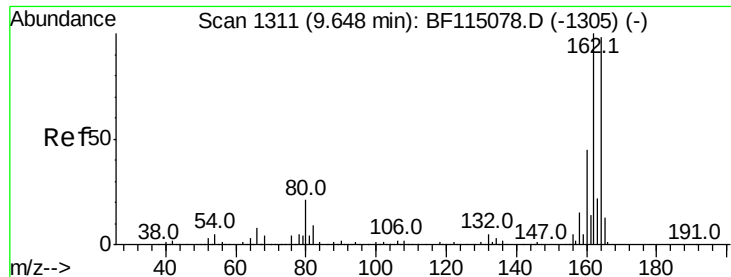


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

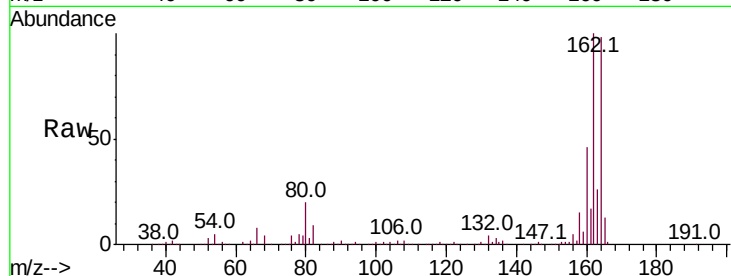




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.65 min Scan# 1311  
 Delta R.T. 0.00 min  
 Lab File: BF115089.D  
 Acq: 21 Jun 2019 20:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120747BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.0 | 81.7  | 122.5 |
| 160     | 46.7  | 37.0  | 55.4  |

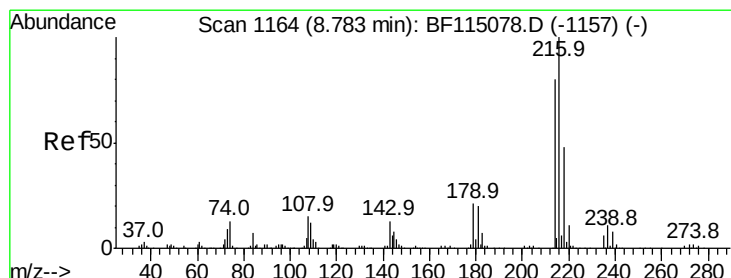
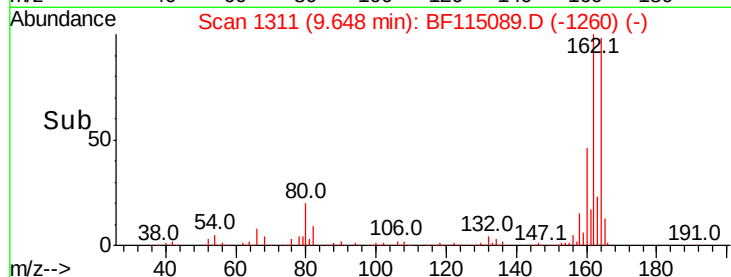
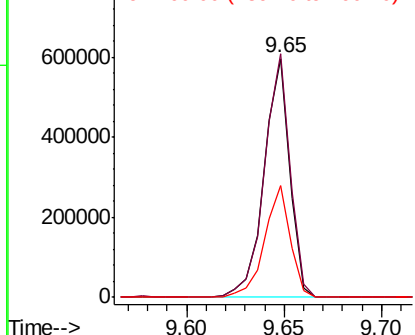


Abundance

Ion 164.00 (163.70 to 164.70): E

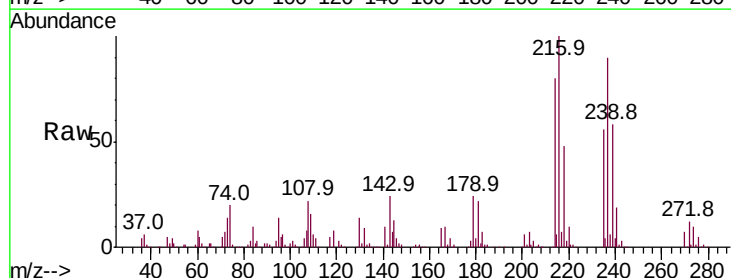
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 42.246 ng  
 RT: 8.78 min Scan# 1163  
 Delta R.T. -0.01 min  
 Lab File: BF115089.D  
 Acq: 21 Jun 2019 20:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.1  | 63.8  | 95.6  |
| 179     | 22.3  | 17.6  | 26.4  |
| 108     | 21.0  | 15.7  | 23.5  |



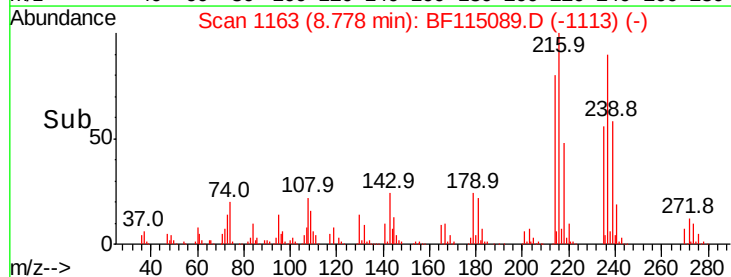
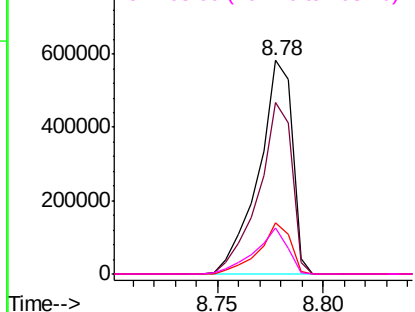
Abundance

Ion 216.00 (215.70 to 216.70): E

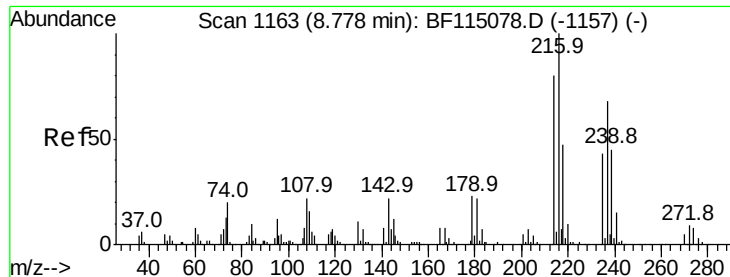
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 79.493 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA\_F

ClientSampleId :

PB120747BS

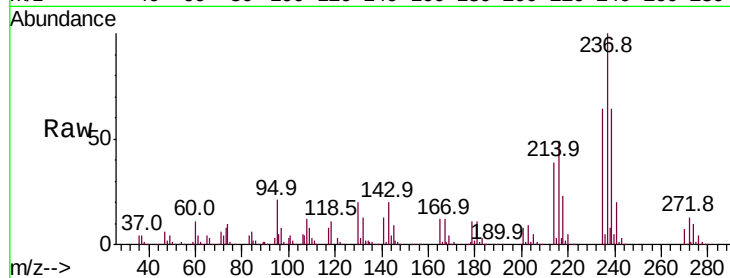
Tot Ion:237 Resp: 722484

Ion Ratio Lower Upper

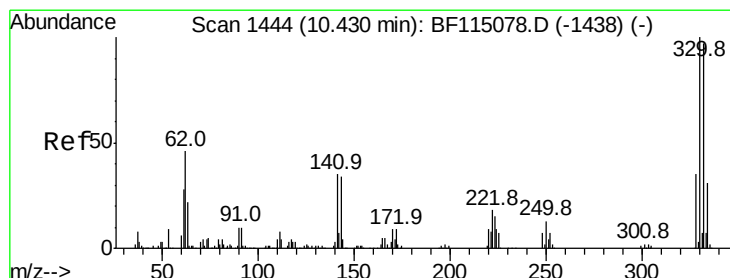
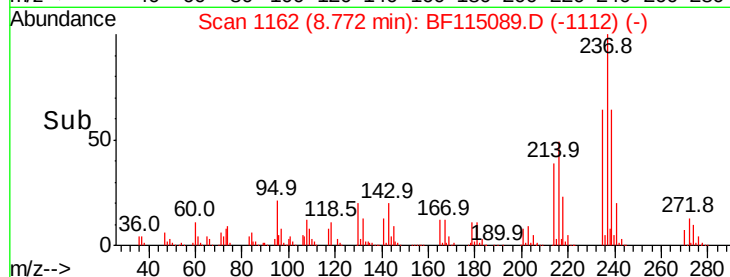
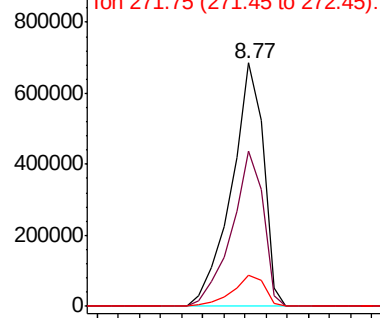
237 100

235 63.8 43.9 83.9

272 13.0 0.0 33.8



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: 127.142 ng

RT: 10.44 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

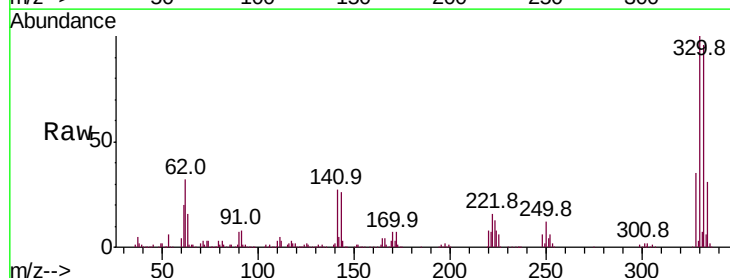
Tgt Ion:330 Resp: 727236

Ion Ratio Lower Upper

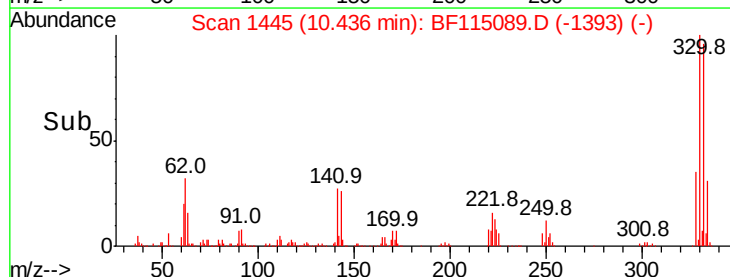
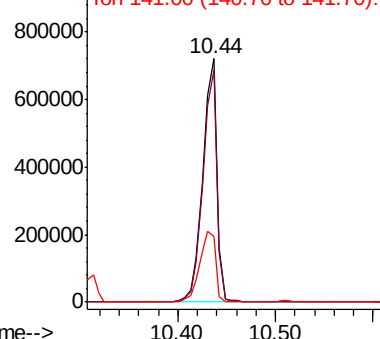
330 100

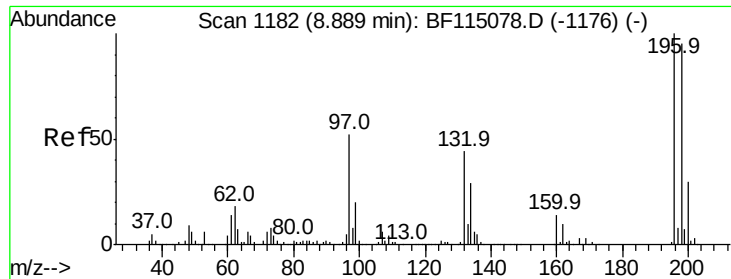
332 95.3 77.3 115.9

141 32.8 28.2 42.2



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

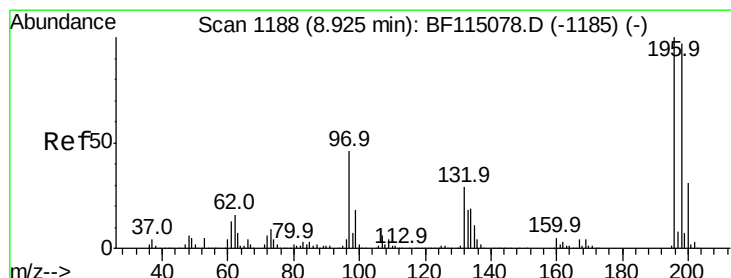
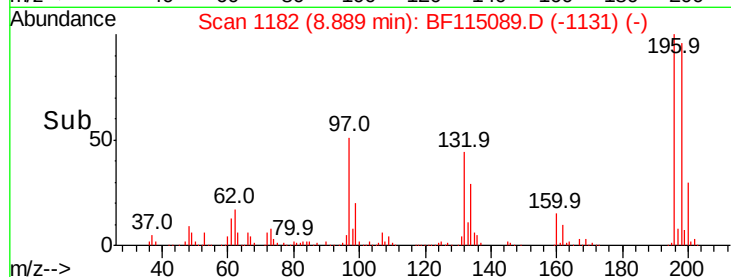
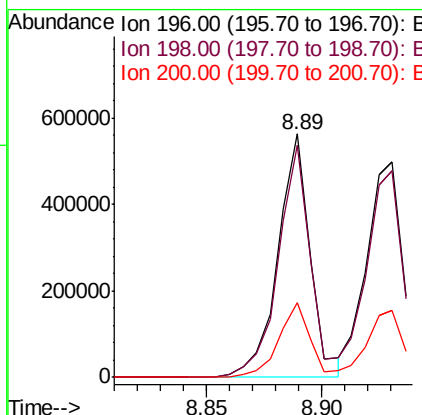
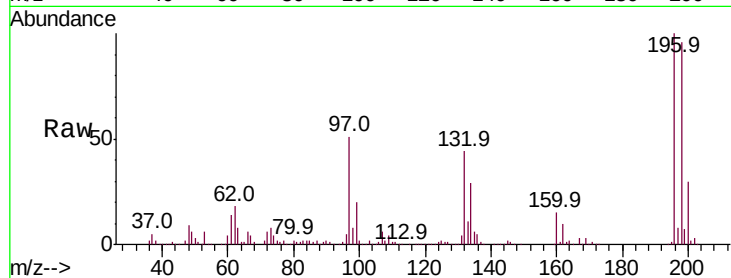




#43  
 2,4,6-Trichlorophenol  
 Concen: 45.798 ng  
 RT: 8.89 min Scan# 1182  
 Delta R.T. 0.00 min  
 Lab File: BF115089.D  
 Acq: 21 Jun 2019 20:31

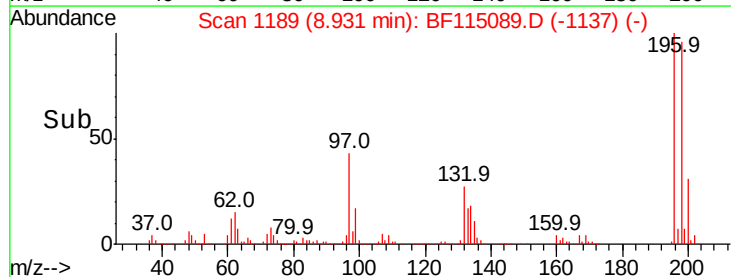
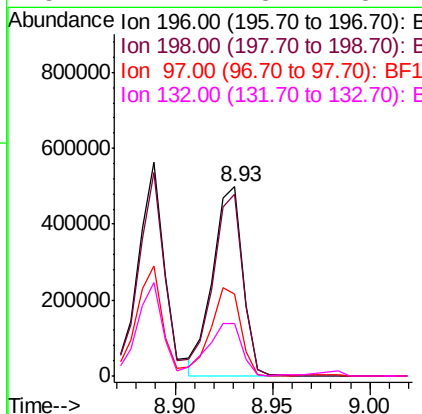
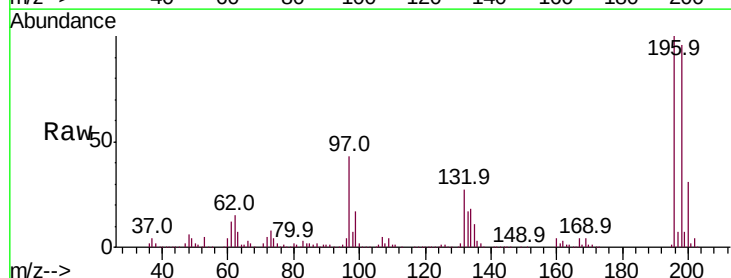
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120747BS

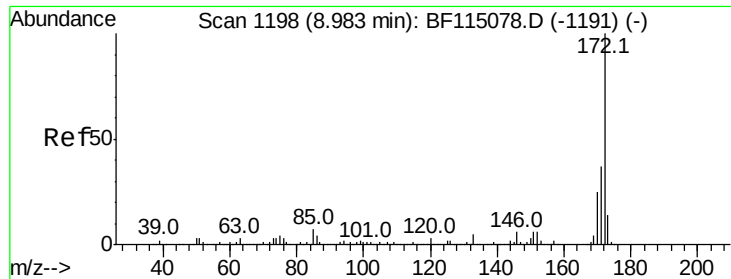
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.6  | 76.3  | 114.5 |
| 200     | 30.5  | 24.2  | 36.4  |



#44  
 2,4,5-Trichlorophenol  
 Concen: 43.843 ng  
 RT: 8.93 min Scan# 1189  
 Delta R.T. 0.01 min  
 Lab File: BF115089.D  
 Acq: 21 Jun 2019 20:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.8  | 77.1  | 115.7 |
| 97      | 43.2  | 37.7  | 56.5  |
| 132     | 27.4  | 23.1  | 34.7  |

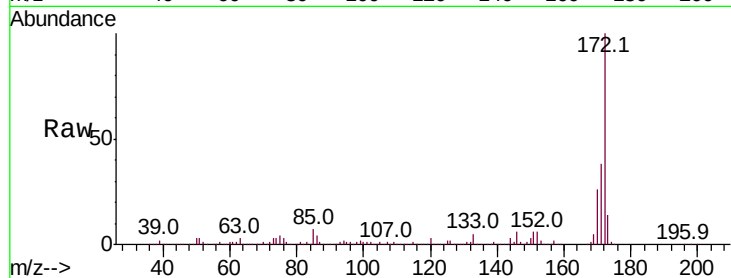




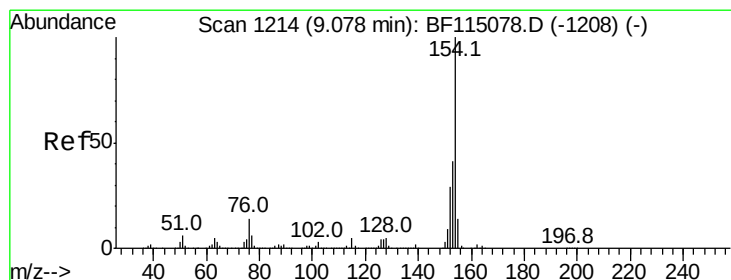
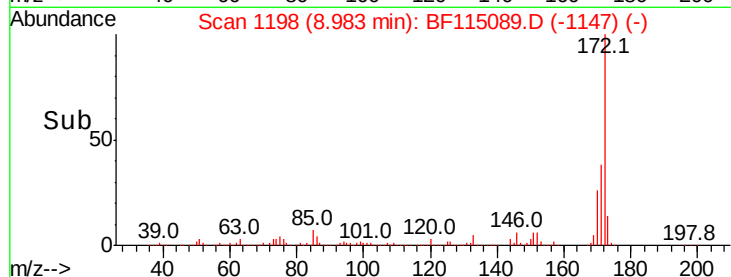
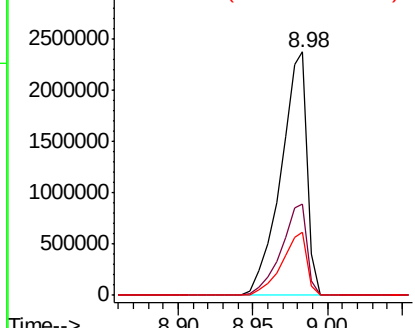
#45  
2-Fluorobiphenyl  
Concen: 91.518 ng  
RT: 8.98 min Scan# 1198  
Delta R.T. 0.00 min  
Lab File: BF115089.D  
Acq: 21 Jun 2019 20:31

Instrument :  
BNA\_F  
ClientSampleId :  
PB120747BS

Tot Ion:172 Resp: 2922376  
Ion Ratio Lower Upper  
172 100  
171 37.5 29.8 44.6  
170 26.0 20.3 30.5

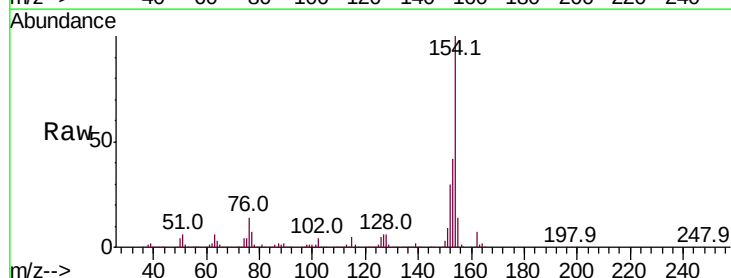


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

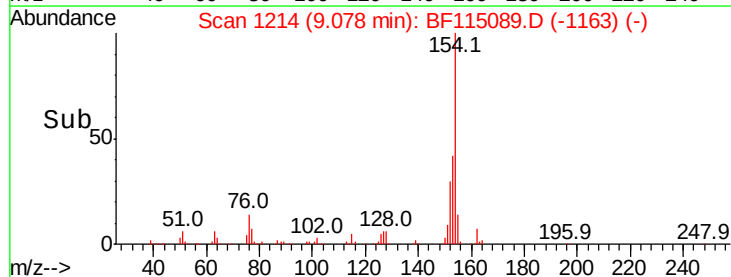
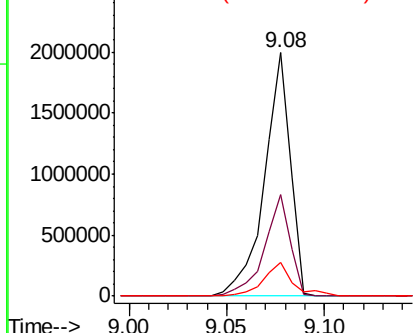


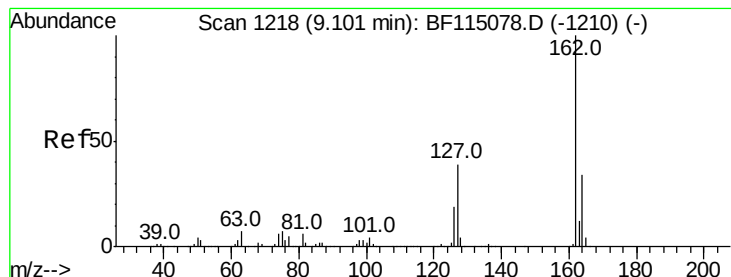
#46  
1,1'-Biphenyl  
Concen: 42.285 ng  
RT: 9.08 min Scan# 1214  
Delta R.T. 0.00 min  
Lab File: BF115089.D  
Acq: 21 Jun 2019 20:31

Tgt Ion:154 Resp: 1835171  
Ion Ratio Lower Upper  
154 100  
153 41.9 20.9 60.9  
76 13.7 0.0 34.1



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 42.182 ng

RT: 9.10 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA\_F

ClientSampleId :

PB120747BS

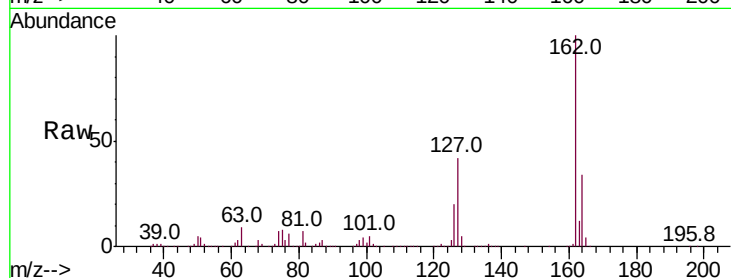
Tot Ion:162 Resp: 1484978

Ion Ratio Lower Upper

162 100

127 41.6 30.8 46.2

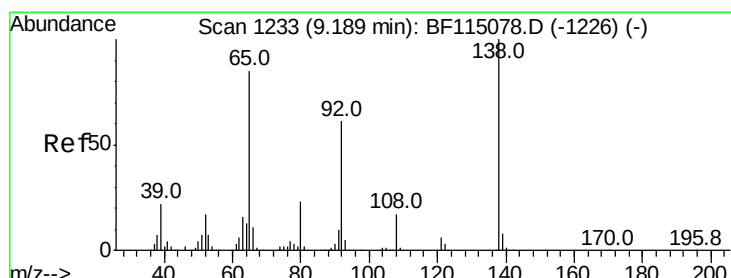
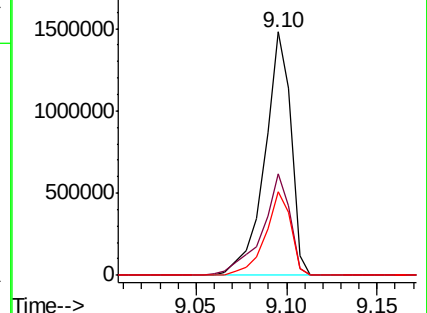
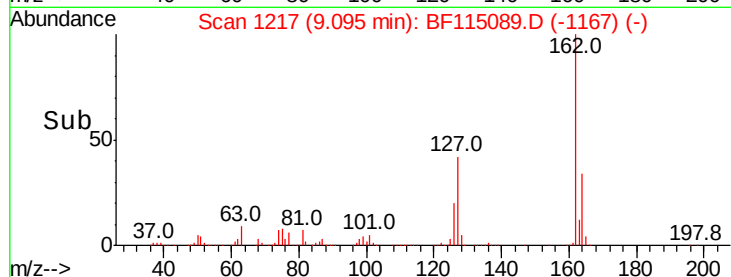
164 34.2 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 42.350 ng

RT: 9.19 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

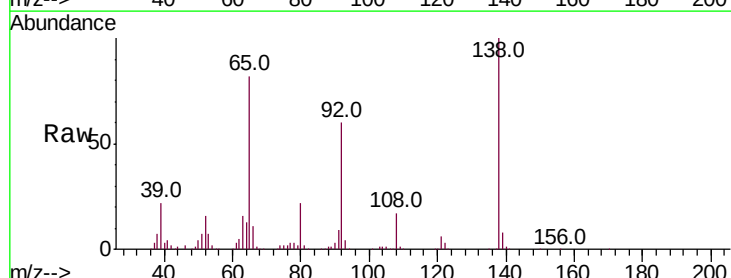
Tgt Ion: 65 Resp: 434666

Ion Ratio Lower Upper

65 100

92 73.0 57.4 86.2

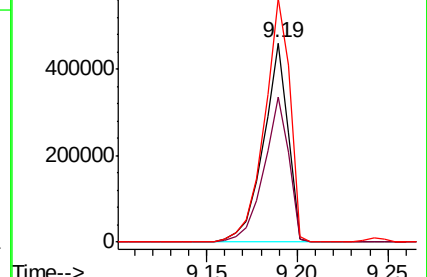
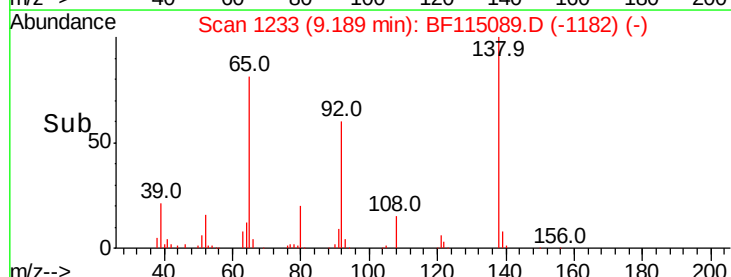
138 122.3 94.1 141.1

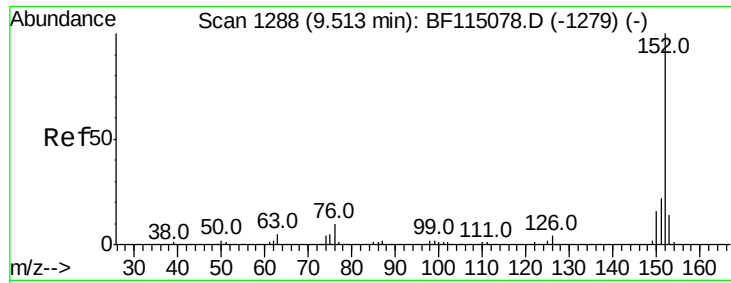


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.323 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA\_F

ClientSampleId :

PB120747BS

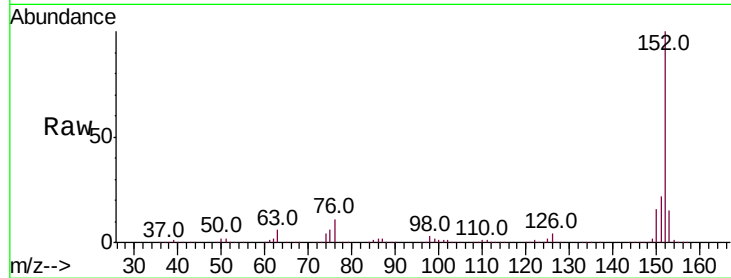
Tot Ion:152 Resp: 2321378

Ion Ratio Lower Upper

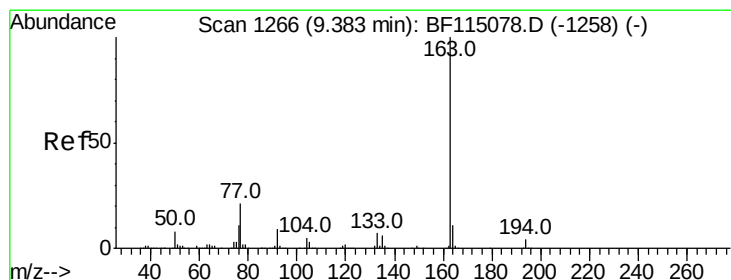
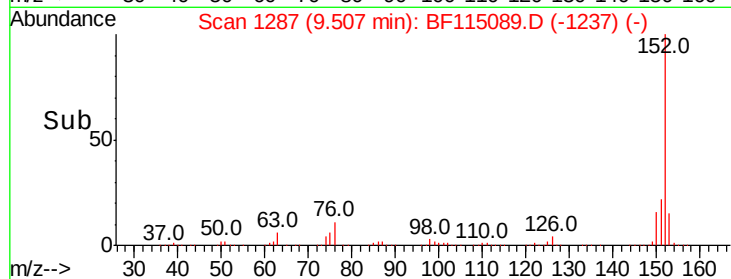
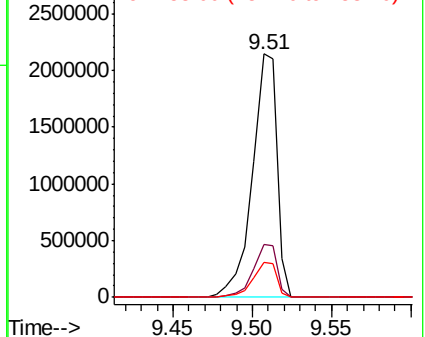
152 100

151 21.8 17.2 25.8

153 14.6 11.0 16.6



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: 42.375 ng

RT: 9.39 min Scan# 1267

Delta R.T. 0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

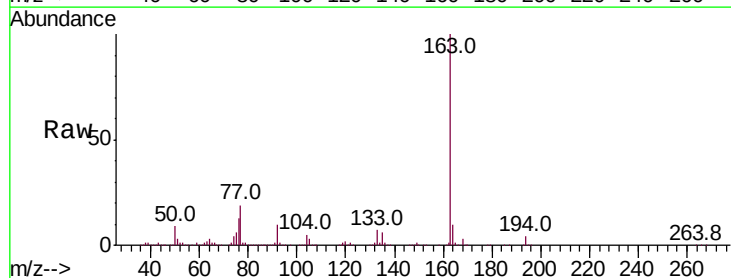
Tgt Ion:163 Resp: 1691020

Ion Ratio Lower Upper

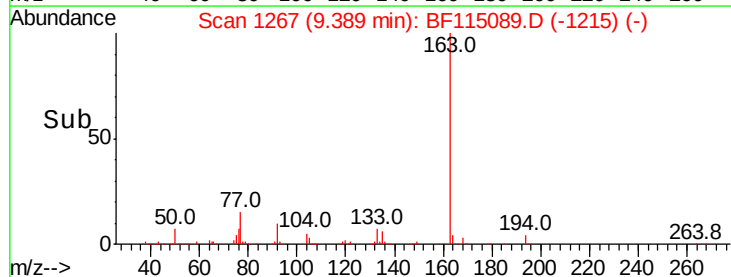
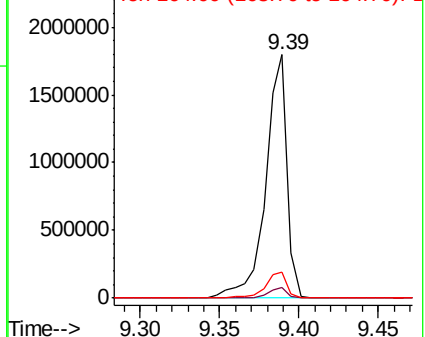
163 100

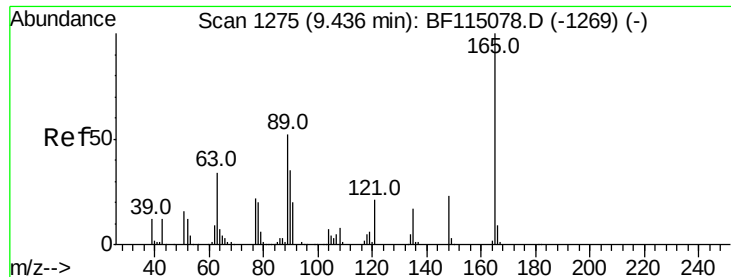
194 4.4 3.2 4.8

164 10.4 8.6 13.0



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

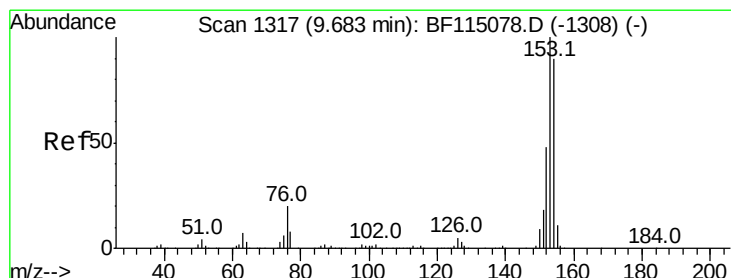
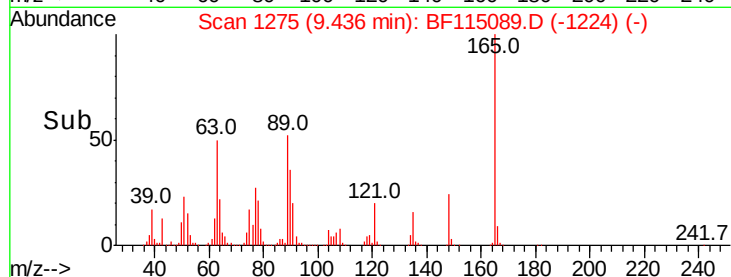
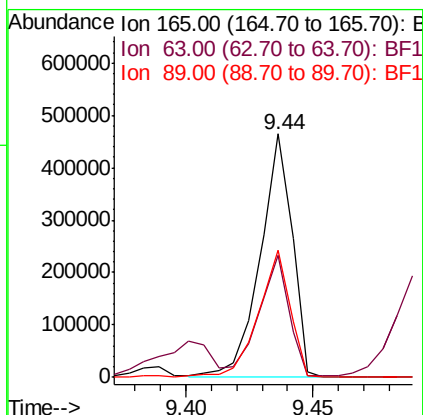
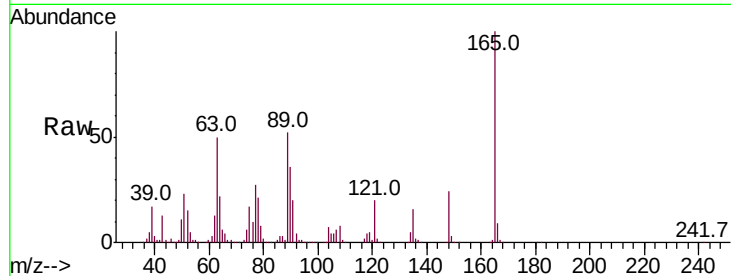




#51  
2,6-Dinitrotoluene  
Concen: 44.729 ng  
RT: 9.44 min Scan# 1275  
Delta R.T. 0.00 min  
Lab File: BF115089.D  
Acq: 21 Jun 2019 20:31

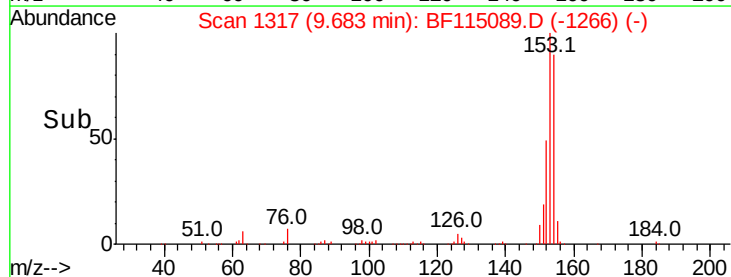
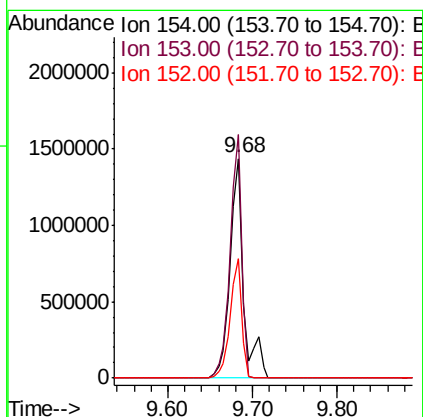
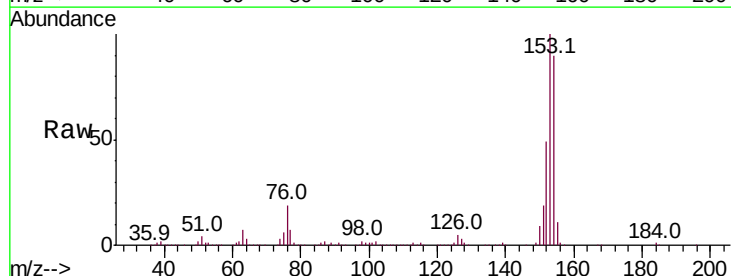
Instrument :  
BNA\_F  
ClientSampleId :  
PB120747BS

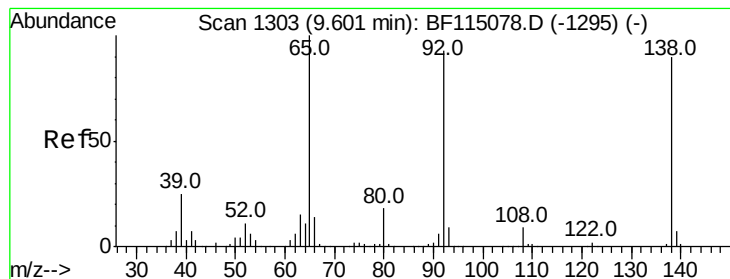
Tot Ion:165 Resp: 412089  
Ion Ratio Lower Upper  
165 100  
63 50.2 39.4 59.2  
89 52.1 42.0 63.0



#52  
Acenaphthene  
Concen: 46.434 ng  
RT: 9.68 min Scan# 1317  
Delta R.T. 0.00 min  
Lab File: BF115089.D  
Acq: 21 Jun 2019 20:31

Tgt Ion:154 Resp: 1593698  
Ion Ratio Lower Upper  
154 100  
153 110.8 88.7 133.1  
152 54.1 42.6 64.0





#53

3-Nitroaniline

Concen: 25.106 ng

RT: 9.60 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA\_F

ClientSampleId :

PB120747BS

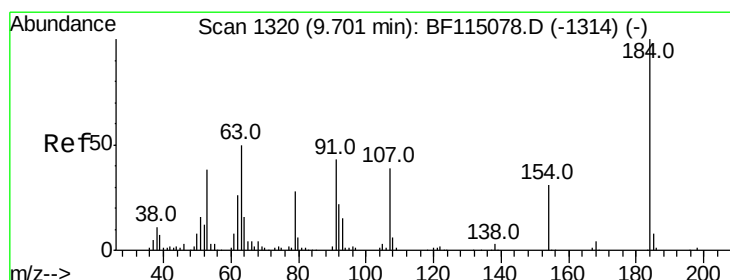
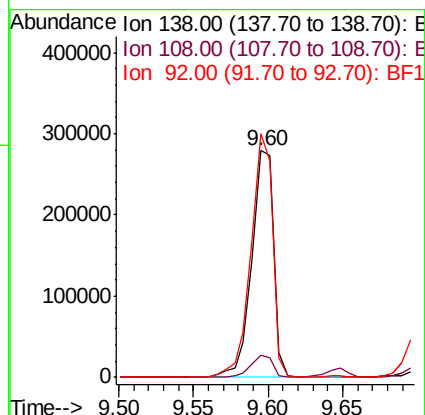
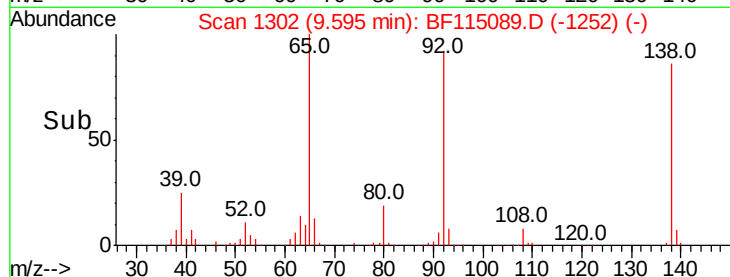
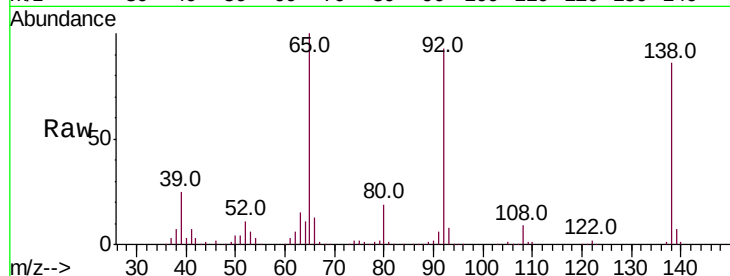
Tot Ion:138 Resp: 282261

Ion Ratio Lower Upper

138 100

108 9.9 7.8 11.6

92 107.5 82.9 124.3



#54

2,4-Dinitrophenol

Concen: 88.567 ng

RT: 9.71 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

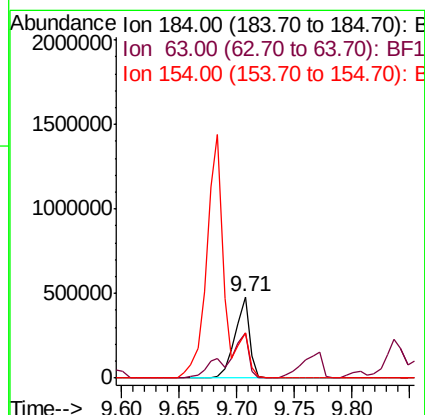
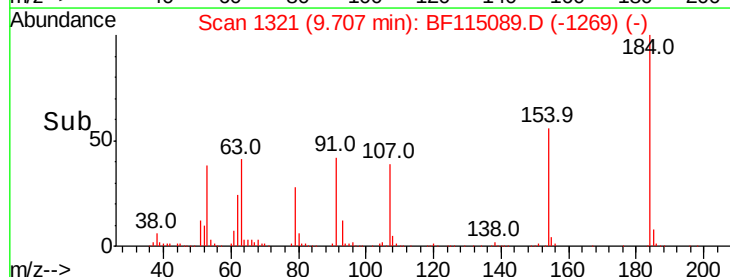
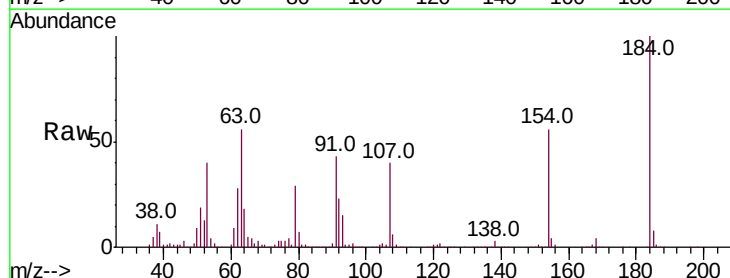
Tgt Ion:184 Resp: 423979

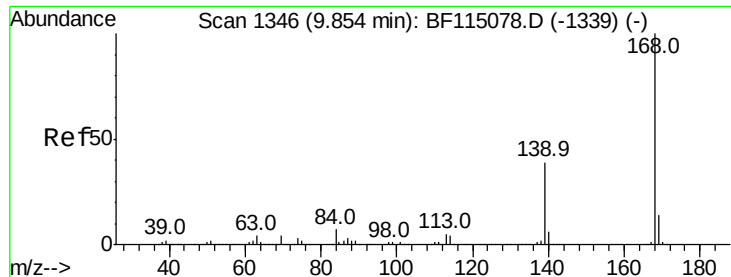
Ion Ratio Lower Upper

184 100

63 55.7 41.9 62.9

154 56.3 44.7 67.1

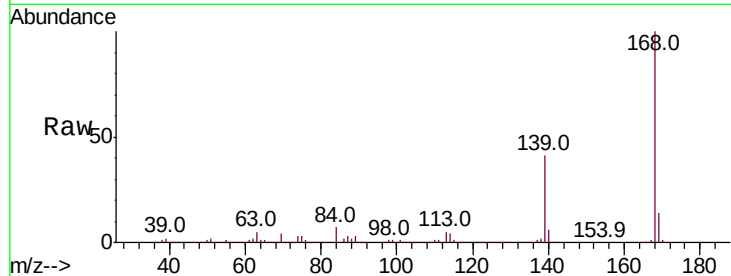




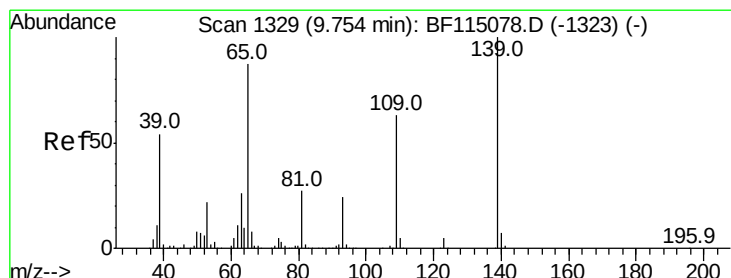
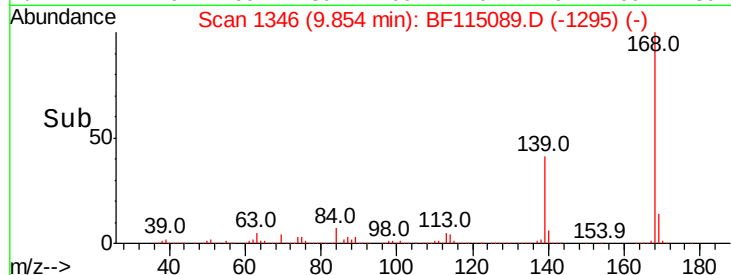
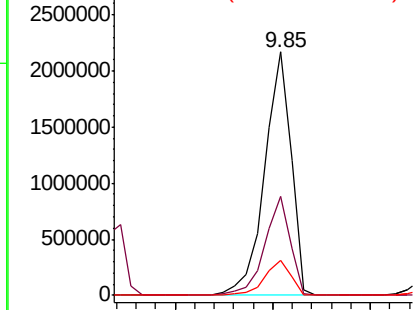
#55  
Dibenzofuran  
Concen: 41.254 ng  
RT: 9.85 min Scan# 1346  
Delta R.T. 0.00 min  
Lab File: BF115089.D  
Acq: 21 Jun 2019 20:31

Instrument :  
BNA\_F  
ClientSampleID :  
PB120747BS

Tot Ion:168 Resp: 2032244  
Ion Ratio Lower Upper  
168 100  
139 40.7 31.1 46.7  
169 14.5 11.3 16.9

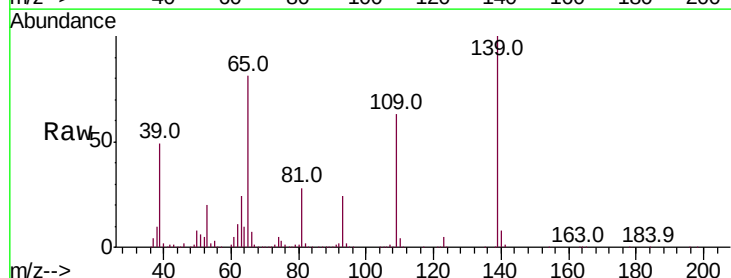


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

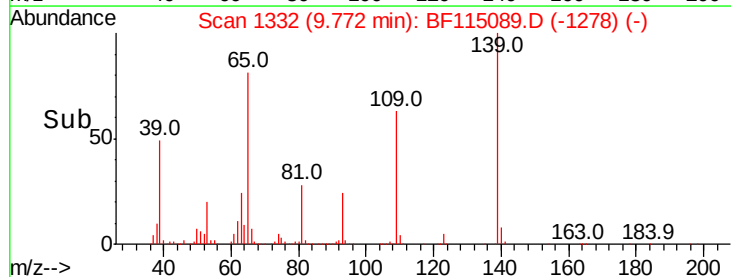
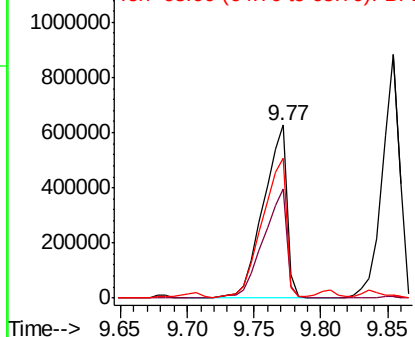


#56  
4-Nitrophenol  
Concen: 84.271 ng  
RT: 9.77 min Scan# 1332  
Delta R.T. 0.02 min  
Lab File: BF115089.D  
Acq: 21 Jun 2019 20:31

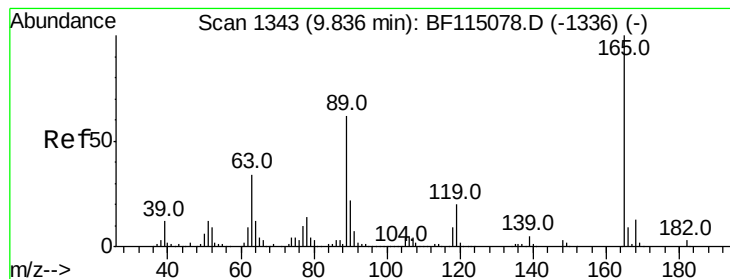
Tgt Ion:139 Resp: 759581  
Ion Ratio Lower Upper  
139 100  
109 63.1 43.0 83.0  
65 80.9 67.0 107.0



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: 46.652 ng

RT: 9.84 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA\_F

ClientSampleId :

PB120747BS

Tot Ion:165 Resp: 554972

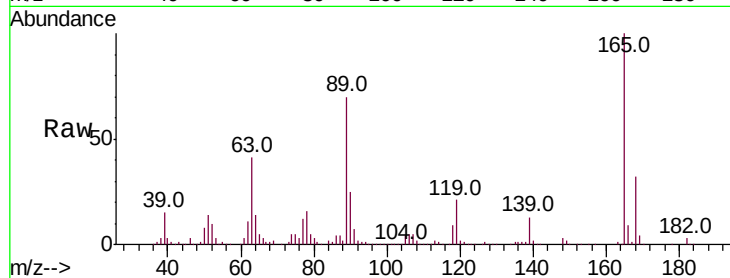
Ion Ratio Lower Upper

165 100

63 41.0 27.5 41.3

89 70.1 49.9 74.9

182 2.6 2.1 3.1

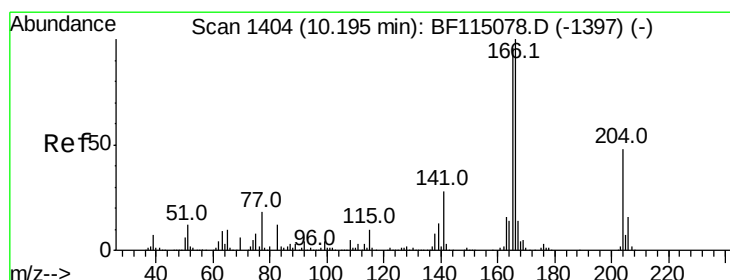
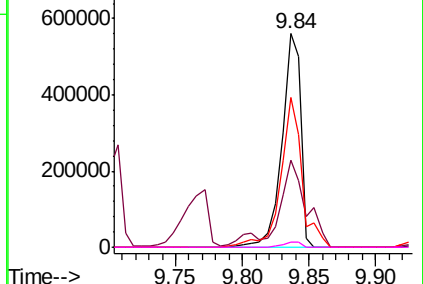
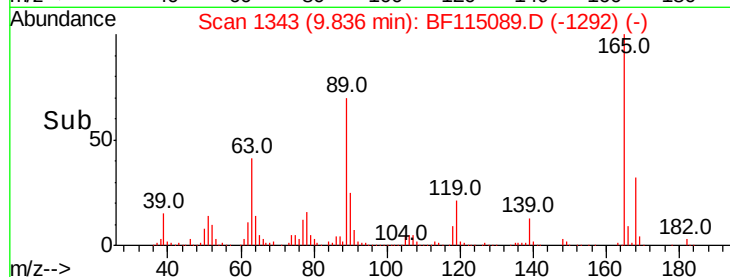


Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.918 ng

RT: 10.20 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

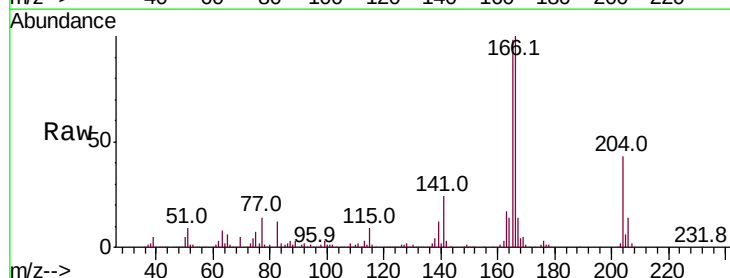
Tgt Ion:166 Resp: 1389632

Ion Ratio Lower Upper

166 100

165 97.8 76.5 114.7

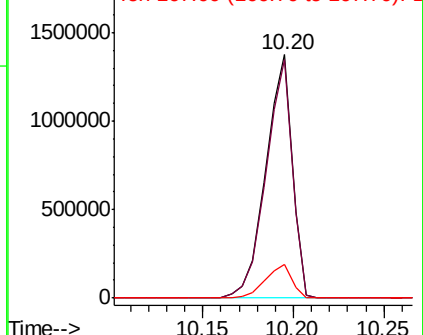
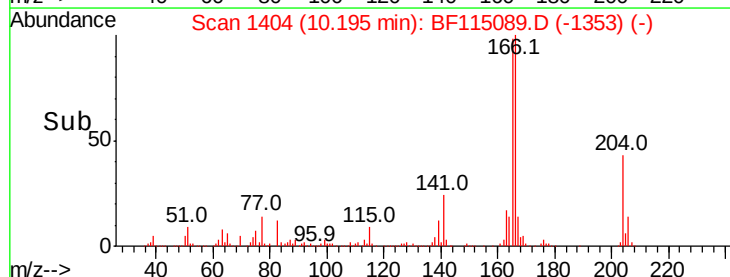
167 13.6 11.0 16.4

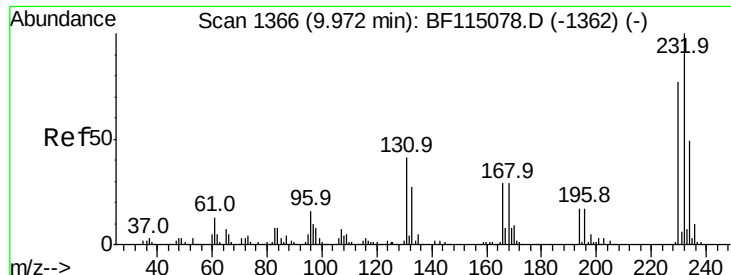


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

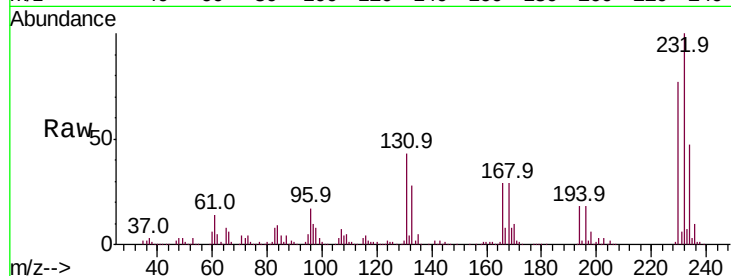




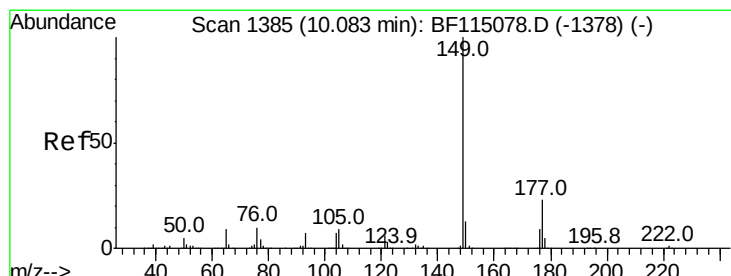
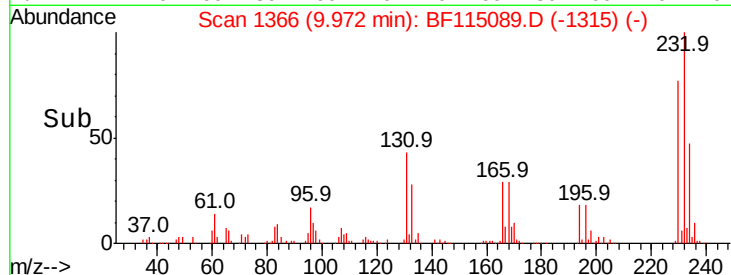
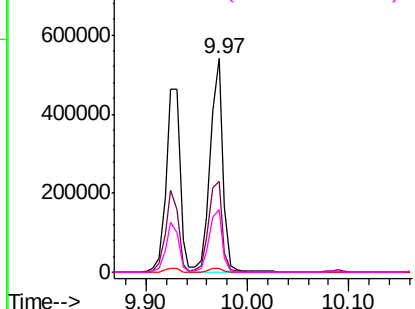
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 46.009 ng  
 RT: 9.97 min Scan# 1366  
 Delta R.T. 0.00 min  
 Lab File: BF115089.D  
 Acq: 21 Jun 2019 20:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120747BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 470130 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 45.9  | 37.4  | 56.0   |
| 130      | 2.2   | 1.8   | 2.6    |
| 166      | 30.3  | 24.6  | 36.8   |

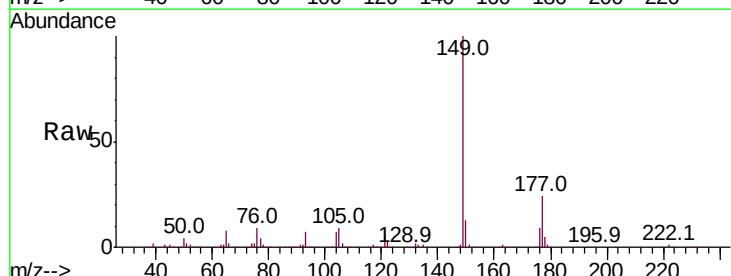


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

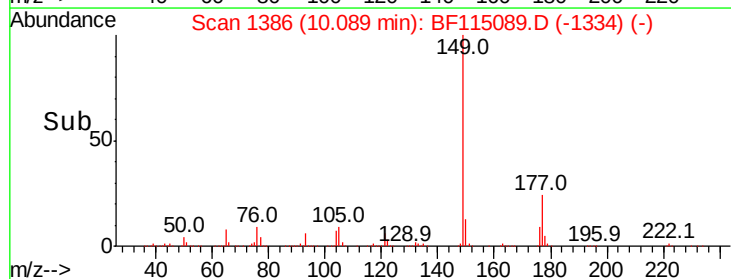
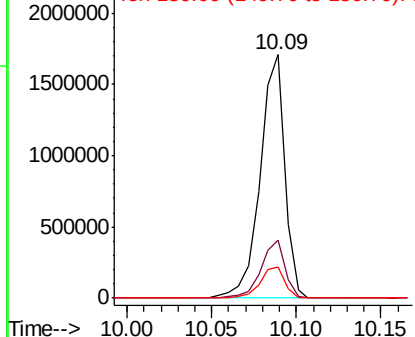


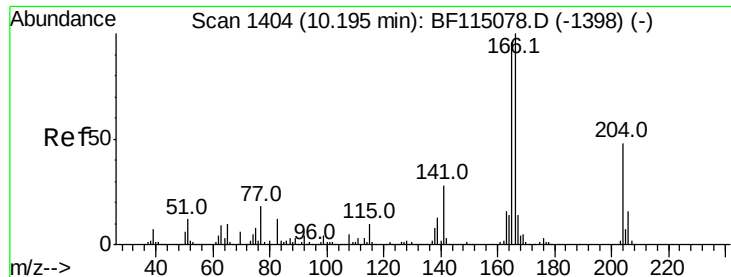
#60  
 Diethylphthalate  
 Concen: 43.172 ng  
 RT: 10.09 min Scan# 1386  
 Delta R.T. 0.01 min  
 Lab File: BF115089.D  
 Acq: 21 Jun 2019 20:31

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1731791 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 24.0  | 18.7  | 28.1    |
| 150      | 13.0  | 10.4  | 15.6    |



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

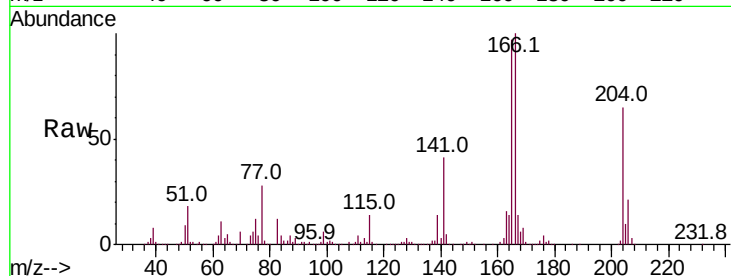




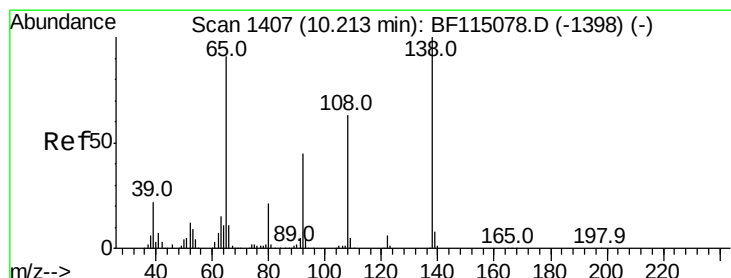
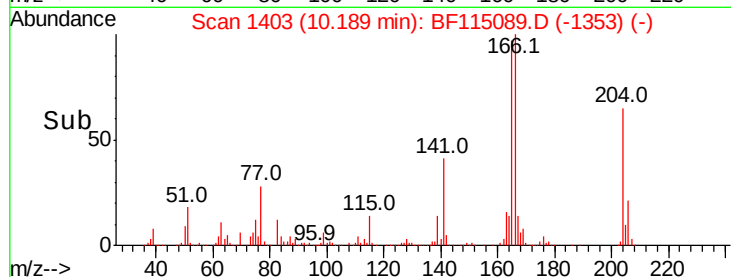
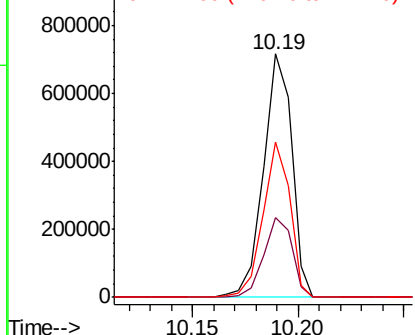
#61  
4-Chlorophenyl-phenylether  
Concen: 42.776 ng  
RT: 10.19 min Scan# 1403  
Delta R.T. -0.01 min  
Lab File: BF115089.D  
Acq: 21 Jun 2019 20:31

Instrument :  
BNA\_F  
ClientSampleId :  
PB120747BS

Tot Ion:204 Resp: 671959  
Ion Ratio Lower Upper  
204 100  
206 33.0 26.6 40.0  
141 63.7 46.7 70.1

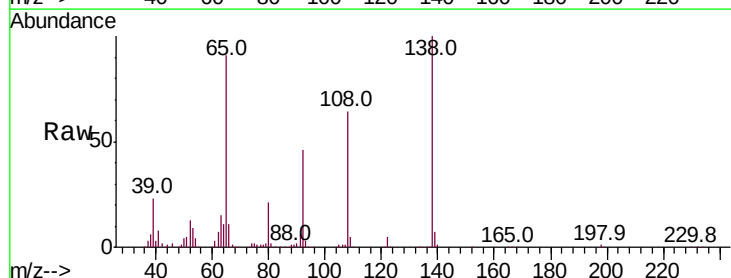


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

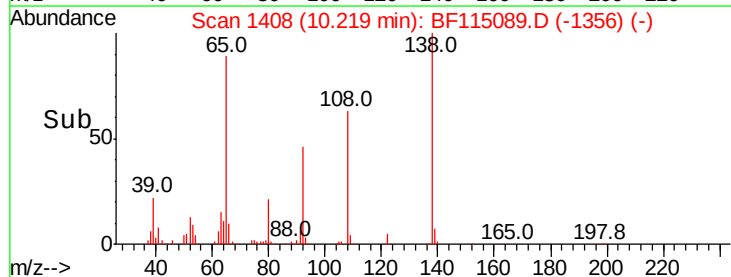
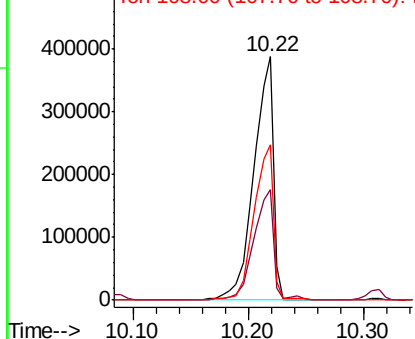


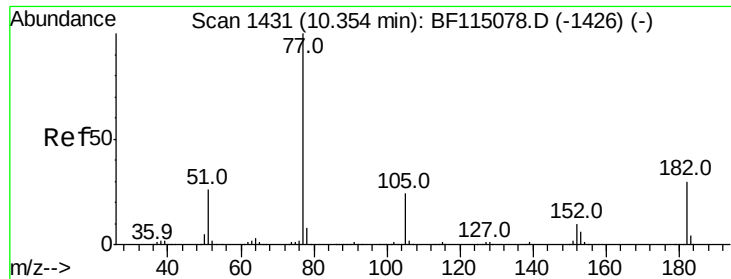
#62  
4-Nitroaniline  
Concen: 40.649 ng  
RT: 10.22 min Scan# 1408  
Delta R.T. 0.01 min  
Lab File: BF115089.D  
Acq: 21 Jun 2019 20:31

Tgt Ion:138 Resp: 458473  
Ion Ratio Lower Upper  
138 100  
92 45.5 24.8 64.8  
108 63.8 43.3 83.3



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

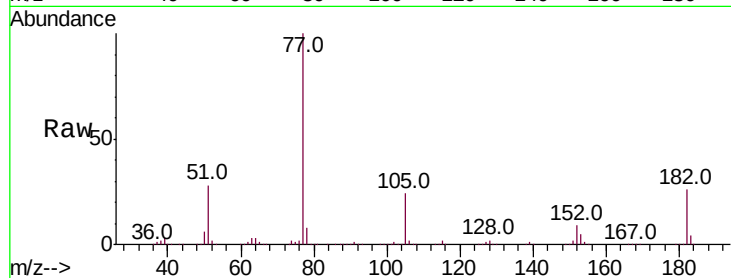




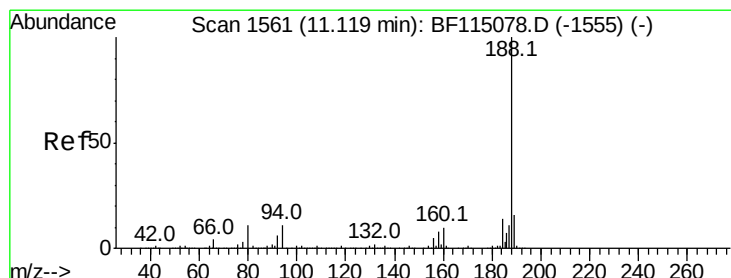
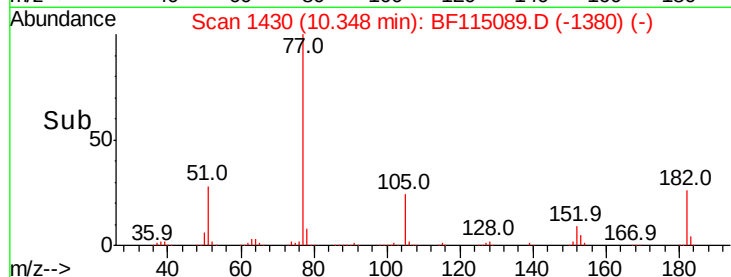
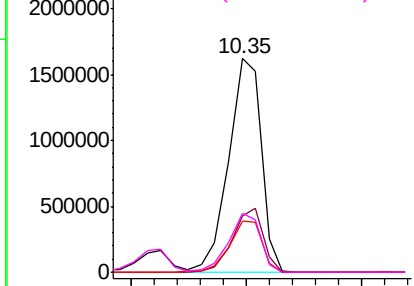
#63  
Azobenzene  
Concen: 42.670 ng  
RT: 10.35 min Scan# 1430  
Delta R.T. -0.01 min  
Lab File: BF115089.D  
Acq: 21 Jun 2019 20:31

Instrument :  
BNA\_F  
ClientSampleId :  
PB120747BS

Tot Ion: 77 Resp: 1598757  
Ion Ratio Lower Upper  
77 100  
182 26.2 10.1 50.1  
105 23.9 4.5 44.5  
51 27.7 6.4 46.4

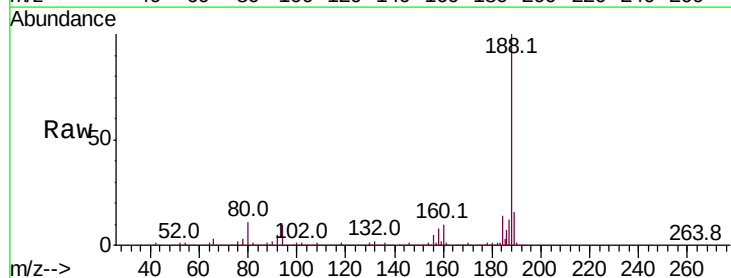


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

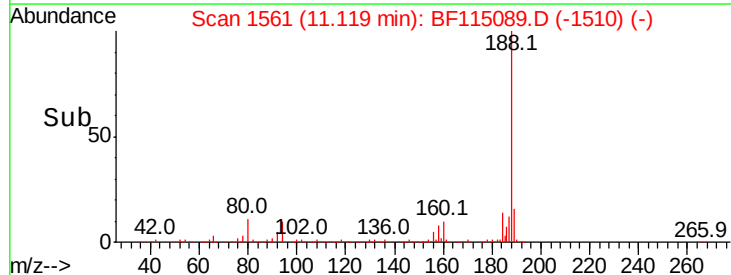
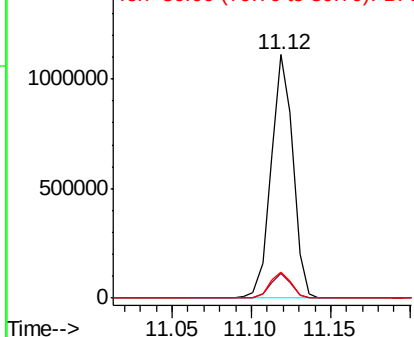


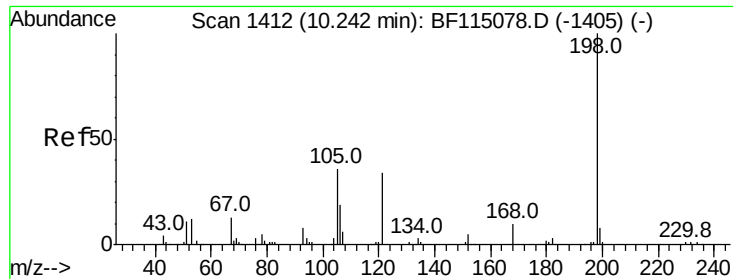
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.12 min Scan# 1561  
Delta R.T. 0.00 min  
Lab File: BF115089.D  
Acq: 21 Jun 2019 20:31

Tgt Ion: 188 Resp: 1071623  
Ion Ratio Lower Upper  
188 100  
94 10.2 8.6 12.8  
80 10.8 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1

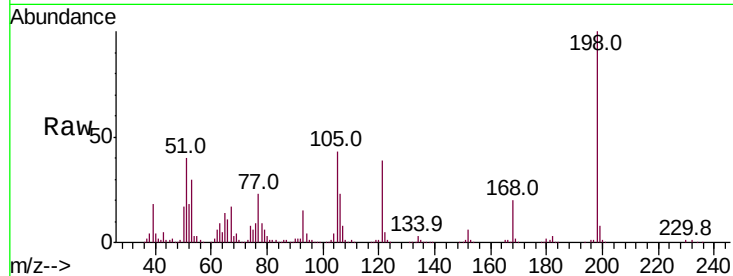




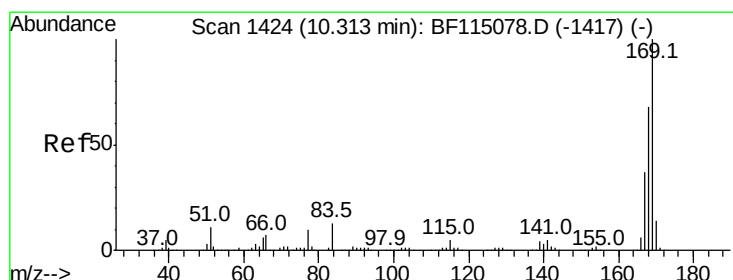
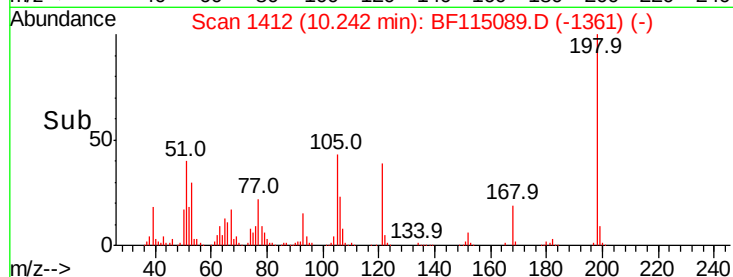
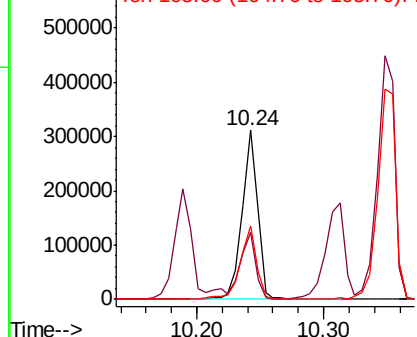
#65  
4,6-Dinitro-2-methylphenol  
Concen: 46.048 ng  
RT: 10.24 min Scan# 1412  
Delta R.T. 0.00 min  
Lab File: BF115089.D  
Acq: 21 Jun 2019 20:31

Instrument :  
BNA\_F  
ClientSampleId :  
PB120747BS

Tot Ion:198 Resp: 261283  
Ion Ratio Lower Upper  
198 100  
51 39.9 11.0 51.0  
105 43.3 17.3 57.3

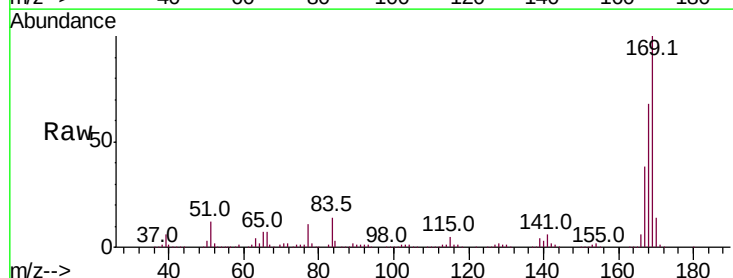


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E

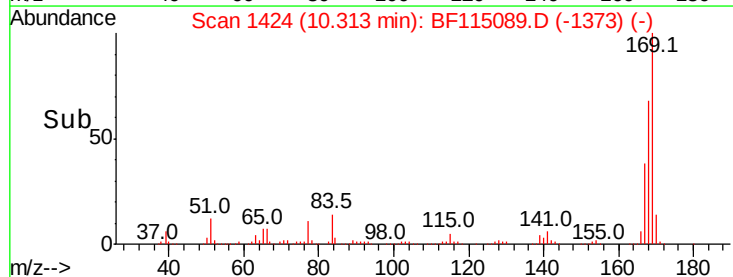
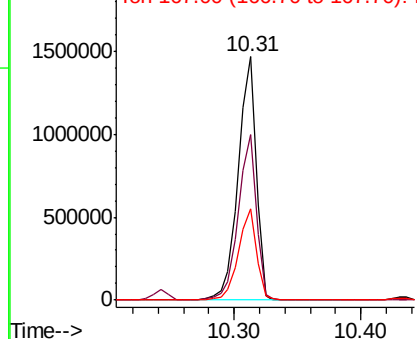


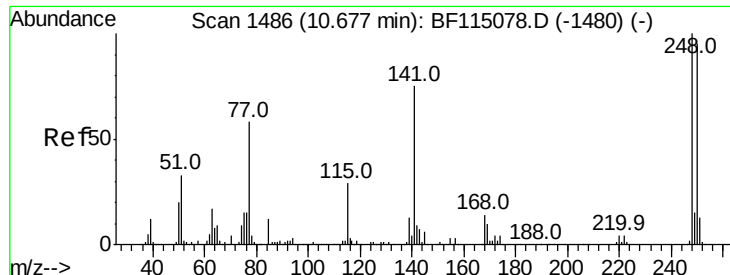
#66  
n-Nitrosodiphenylamine  
Concen: 42.715 ng  
RT: 10.31 min Scan# 1424  
Delta R.T. 0.00 min  
Lab File: BF115089.D  
Acq: 21 Jun 2019 20:31

Tgt Ion:169 Resp: 1426085  
Ion Ratio Lower Upper  
169 100  
168 67.9 54.2 81.4  
167 37.6 29.4 44.0



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

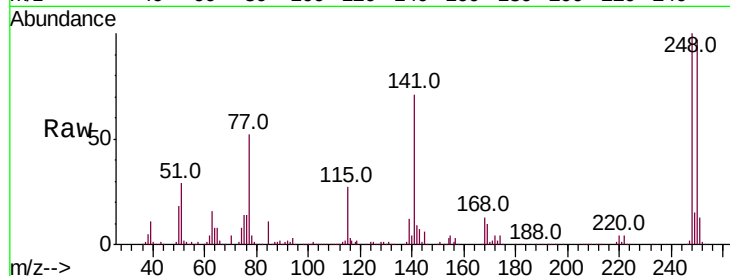




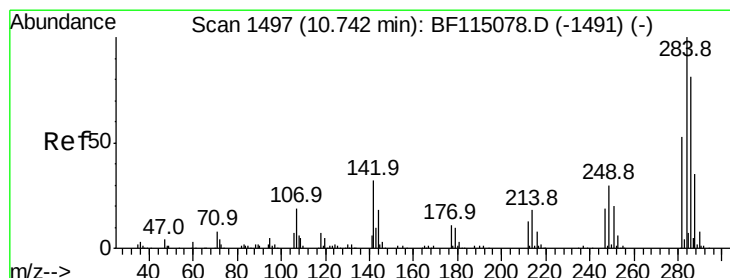
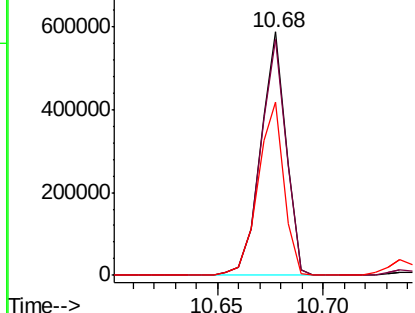
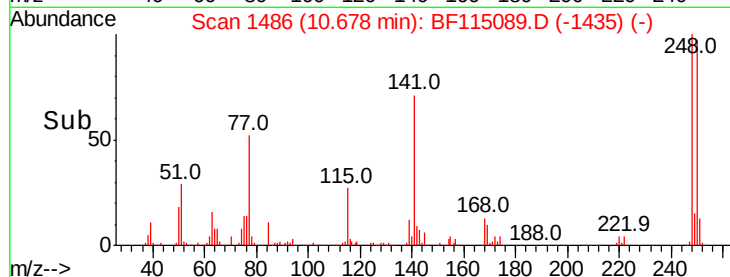
#67  
 4-Bromophenyl-phenylether  
 Concen: 42.315 ng  
 RT: 10.68 min Scan# 1486  
 Delta R.T. 0.00 min  
 Lab File: BF115089.D  
 Acq: 21 Jun 2019 20:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120747BS

Tot Ion:248 Resp: 491638  
 Ion Ratio Lower Upper  
 248 100  
 250 97.1 76.2 114.2  
 141 71.0 59.6 89.4

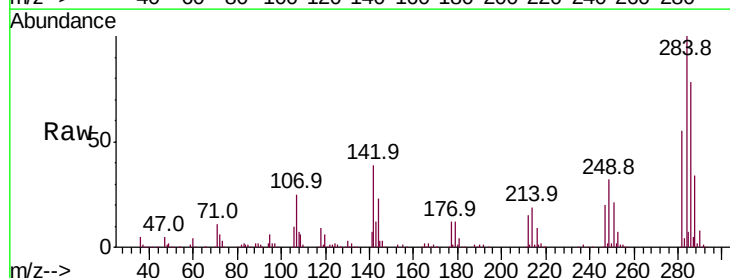


Abundance Ion 248.00 (247.70 to 248.70): E  
 800000 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

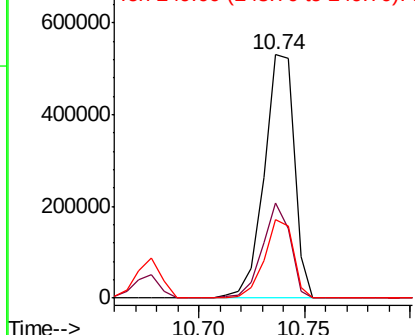
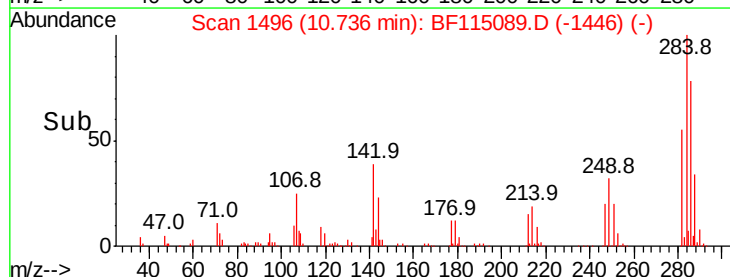


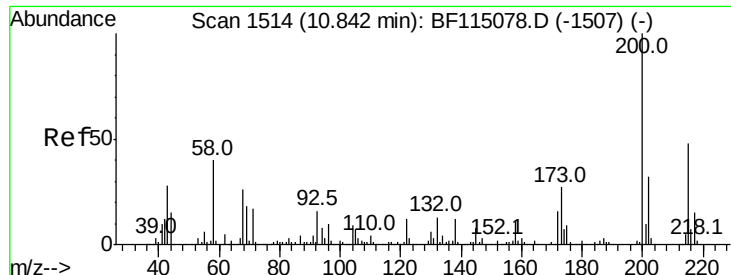
#68  
 Hexachlorobenzene  
 Concen: 41.804 ng  
 RT: 10.74 min Scan# 1496  
 Delta R.T. -0.01 min  
 Lab File: BF115089.D  
 Acq: 21 Jun 2019 20:31

Tgt Ion:284 Resp: 527198  
 Ion Ratio Lower Upper  
 284 100  
 142 39.2 25.8 38.8#  
 249 32.3 24.2 36.4



Abundance Ion 283.80 (283.50 to 284.50): E  
 Ion 142.00 (141.70 to 142.70): E  
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 43.263 ng

RT: 10.84 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA\_F

ClientSampleId :

PB120747BS

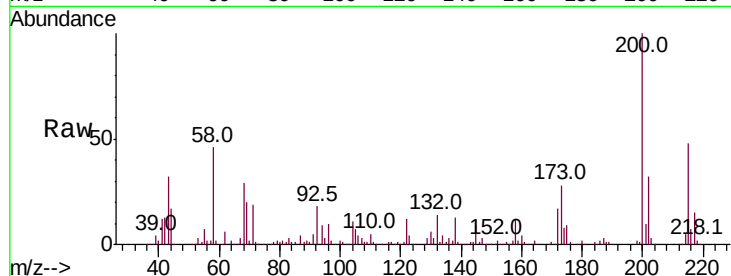
Tot Ion:200 Resp: 464636

Ion Ratio Lower Upper

200 100

173 28.2 7.4 47.4

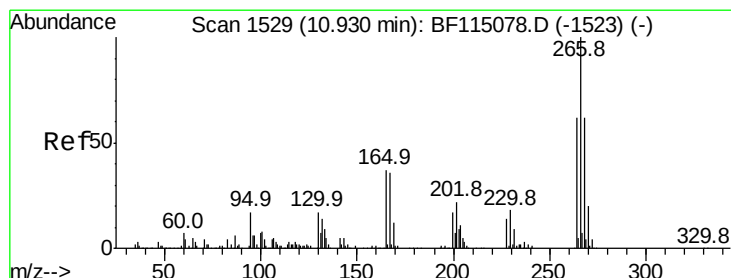
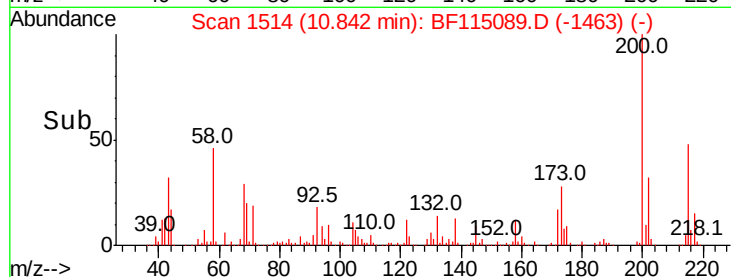
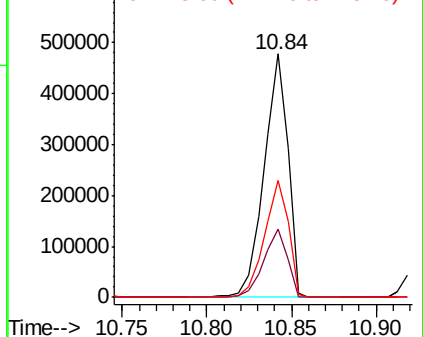
215 48.0 27.8 67.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 79.559 ng

RT: 10.93 min Scan# 1529

Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

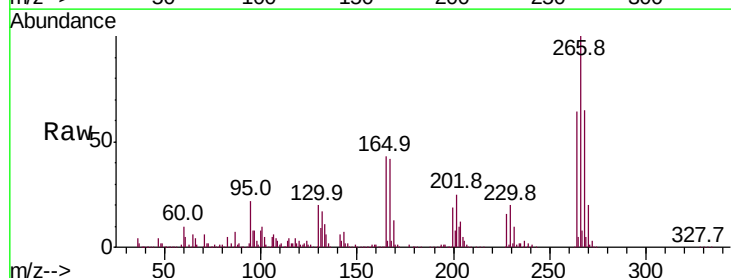
Tgt Ion:266 Resp: 639201

Ion Ratio Lower Upper

266 100

268 65.0 49.5 74.3

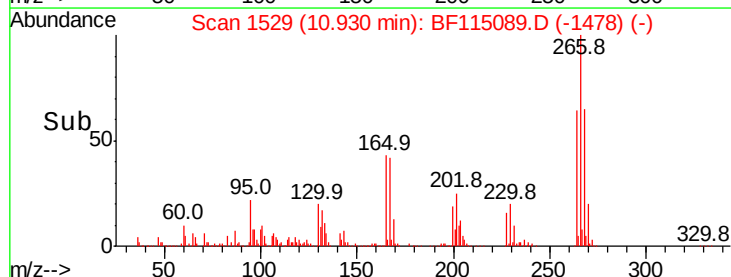
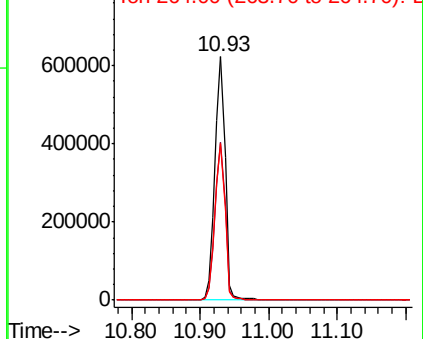
264 64.1 49.3 73.9

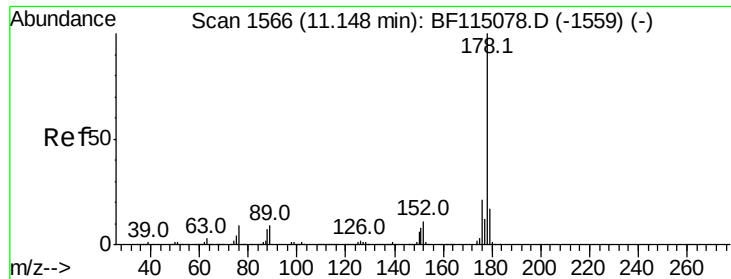


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

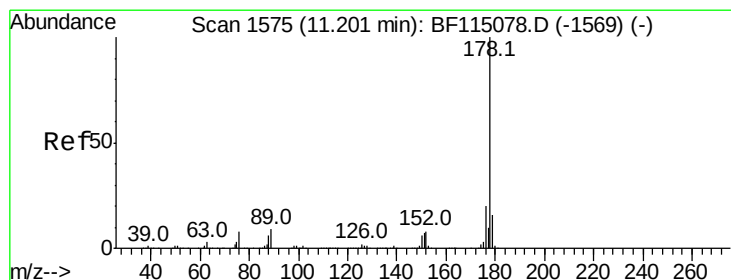
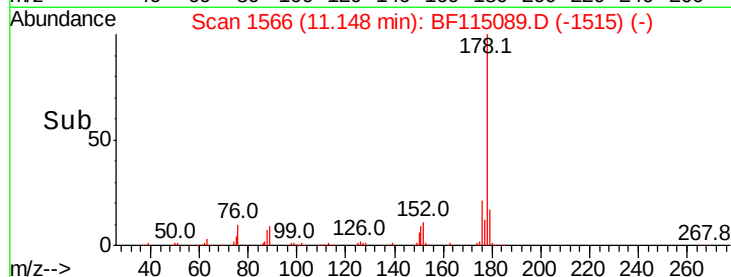
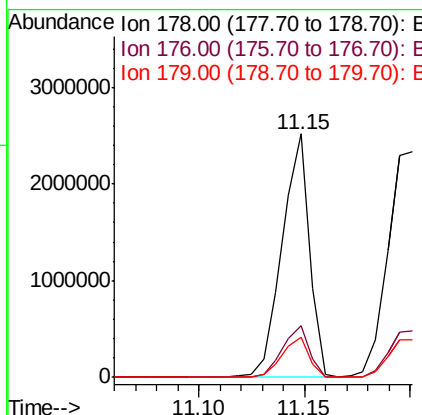
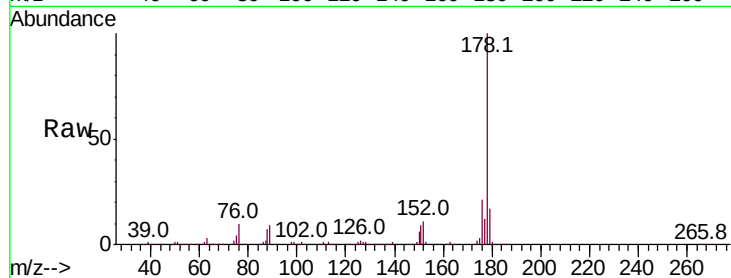




#71  
 Phenanthrene  
 Concen: 39.642 ng  
 RT: 11.15 min Scan# 1566  
 Delta R.T. 0.00 min  
 Lab File: BF115089.D  
 Acq: 21 Jun 2019 20:31

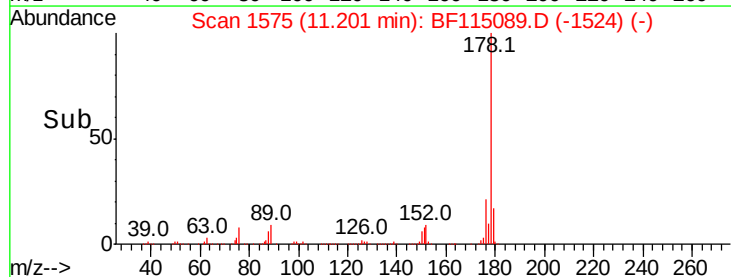
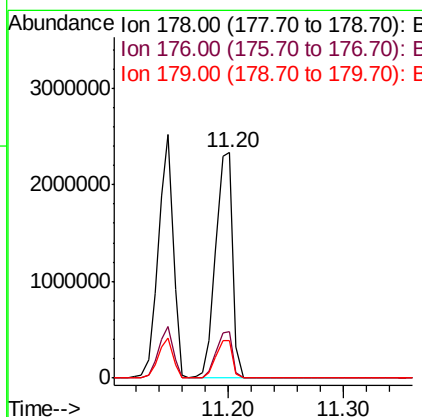
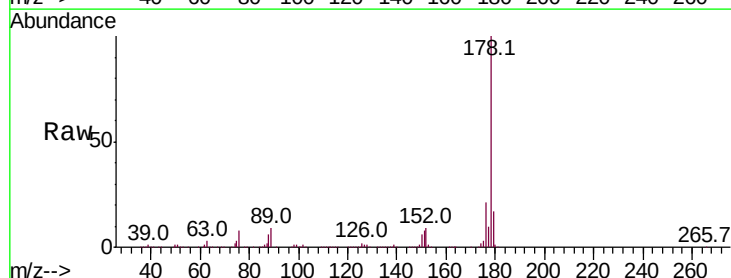
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120747BS

Tot Ion:178 Resp: 2287264  
 Ion Ratio Lower Upper  
 178 100  
 176 21.3 16.9 25.3  
 179 16.7 13.2 19.8

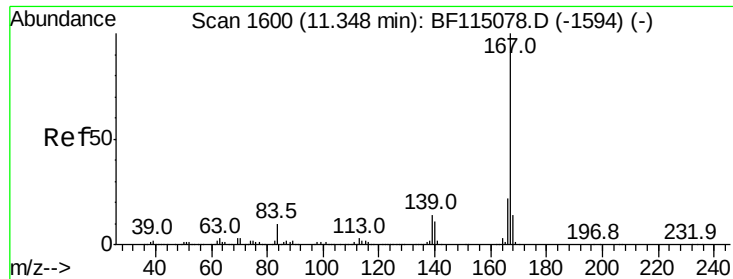


#72  
 Anthracene  
 Concen: 40.949 ng  
 RT: 11.20 min Scan# 1575  
 Delta R.T. 0.00 min  
 Lab File: BF115089.D  
 Acq: 21 Jun 2019 20:31

Tgt Ion:178 Resp: 2384925  
 Ion Ratio Lower Upper  
 178 100  
 176 20.5 16.1 24.1  
 179 16.5 12.9 19.3



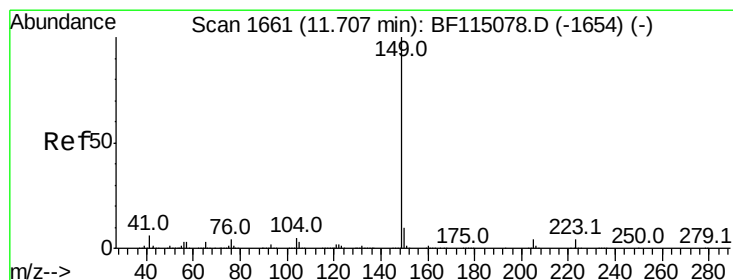
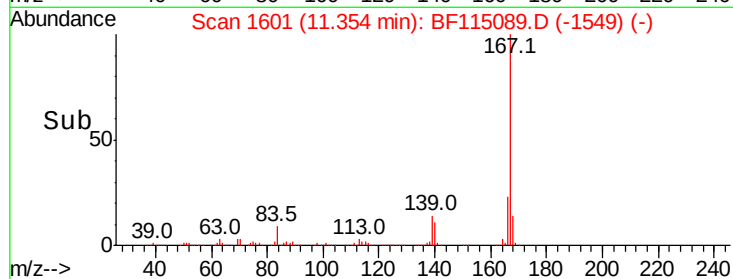
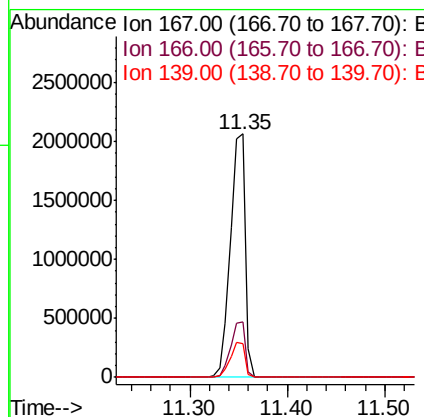
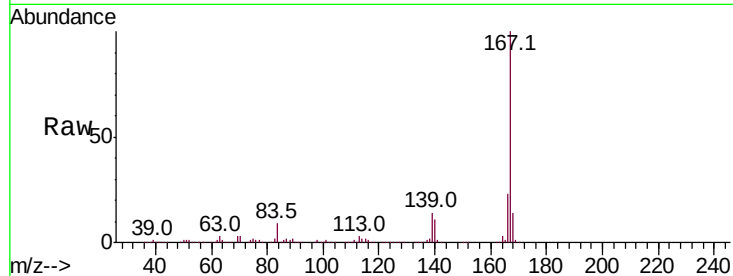




#73  
 Carbazole  
 Concen: 41.959 ng  
 RT: 11.35 min Scan# 1601  
 Delta R.T. 0.01 min  
 Lab File: BF115089.D  
 Acq: 21 Jun 2019 20:31

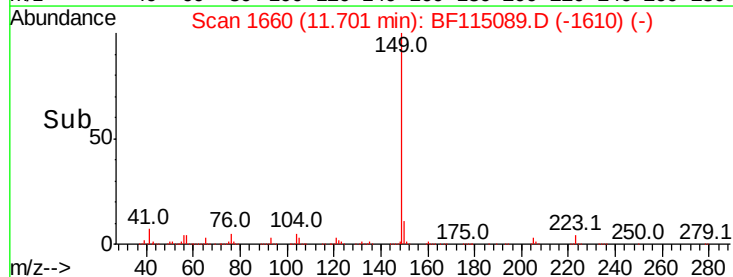
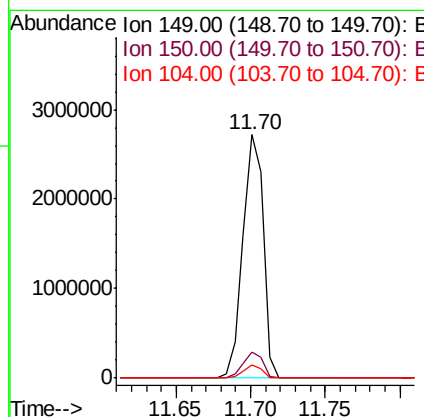
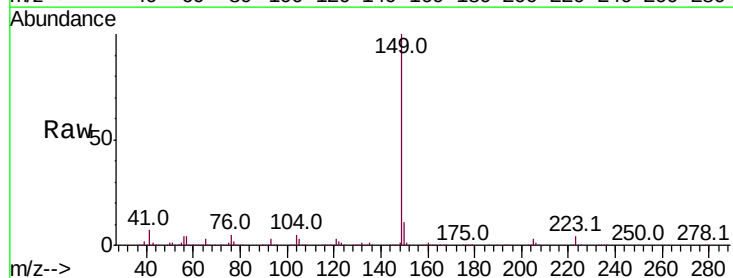
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120747BS

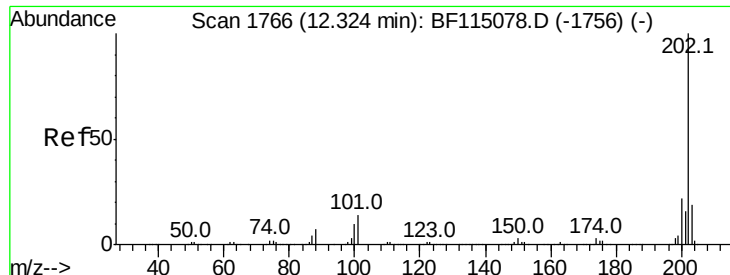
Tot Ion:167 Resp: 2182193  
 Ion Ratio Lower Upper  
 167 100  
 166 23.0 18.0 27.0  
 139 14.1 11.1 16.7



#74  
 Di-n-butylphthalate  
 Concen: 43.038 ng  
 RT: 11.70 min Scan# 1660  
 Delta R.T. -0.01 min  
 Lab File: BF115089.D  
 Acq: 21 Jun 2019 20:31

Tgt Ion:149 Resp: 2586515  
 Ion Ratio Lower Upper  
 149 100  
 150 10.7 7.8 11.8  
 104 5.3 3.7 5.5

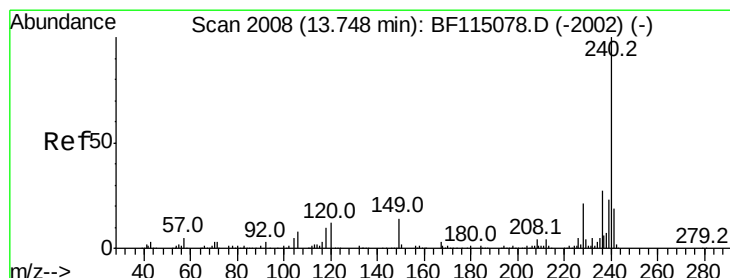
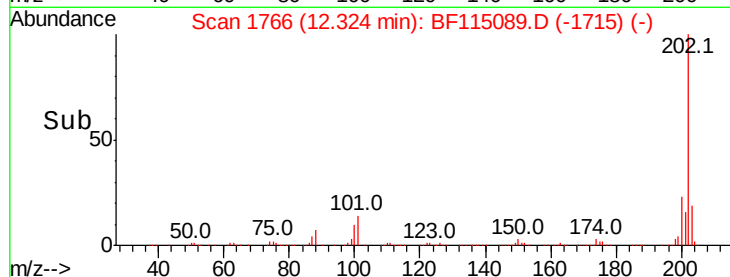
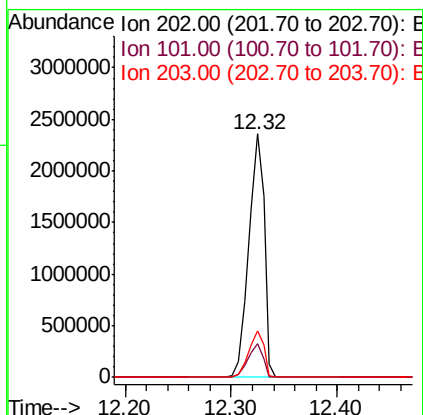
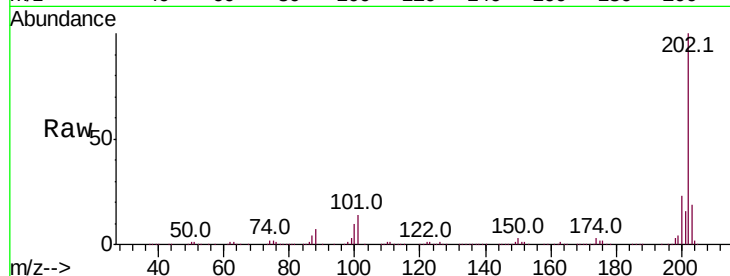




#75  
 Fluoranthene  
 Concen: 41.815 ng  
 RT: 12.32 min Scan# 1766  
 Delta R.T. 0.00 min  
 Lab File: BF115089.D  
 Acq: 21 Jun 2019 20:31

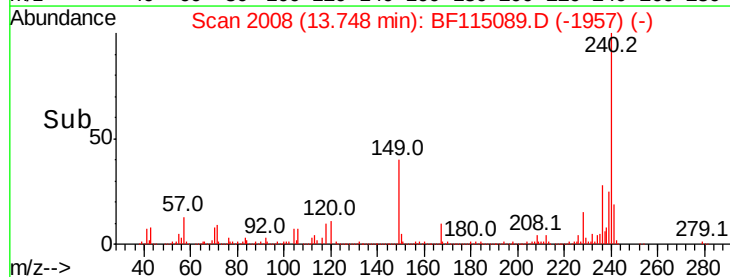
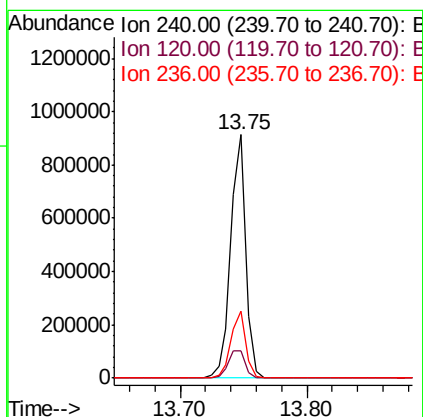
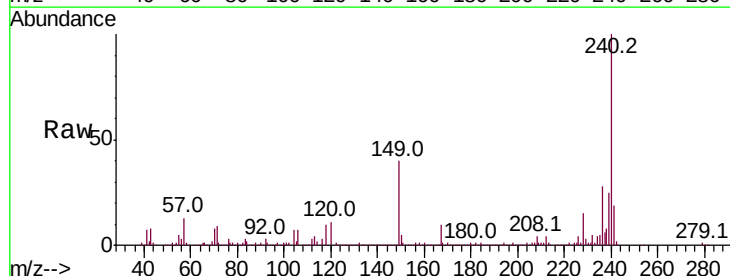
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120747BS

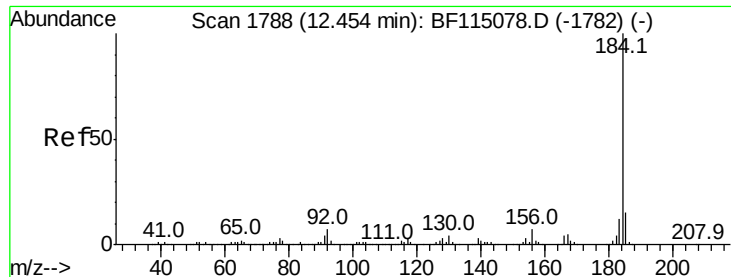
Tot Ion:202 Resp: 2407196  
 Ion Ratio Lower Upper  
 202 100  
 101 13.9 0.0 34.0  
 203 18.9 0.0 38.8



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.75 min Scan# 2008  
 Delta R.T. 0.00 min  
 Lab File: BF115089.D  
 Acq: 21 Jun 2019 20:31

Tgt Ion:240 Resp: 744469  
 Ion Ratio Lower Upper  
 240 100  
 120 11.3 9.4 14.2  
 236 27.6 21.7 32.5





#77

Benzidine

Concen: 15.314 ng

RT: 12.45 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

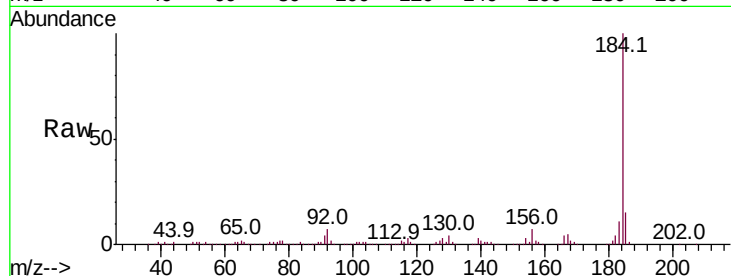
BNA\_F

ClientSampleId :

PB120747BS

Tot Ion:184 Resp: 506235

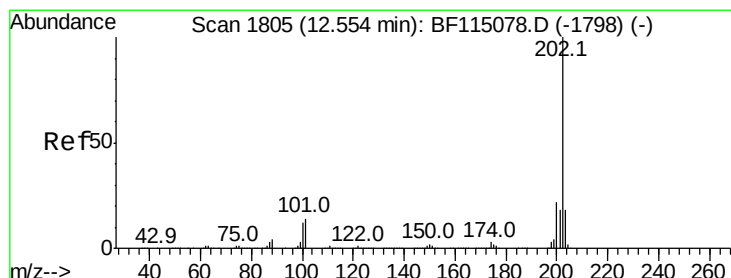
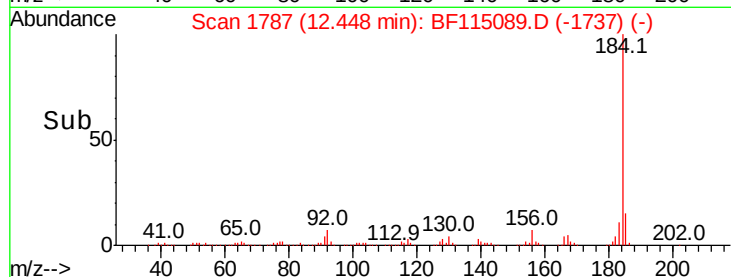
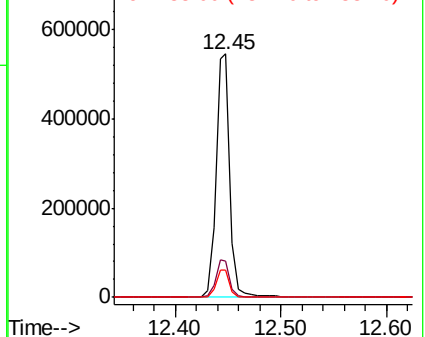
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 15.1  | 12.2  | 18.2  |
| 183 | 11.4  | 9.6   | 14.4  |



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: 42.504 ng

RT: 12.55 min Scan# 1805

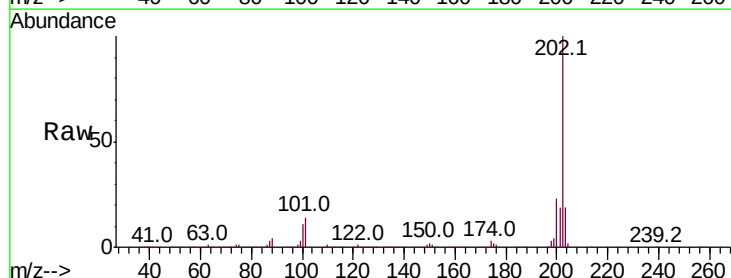
Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Tgt Ion:202 Resp: 2431773

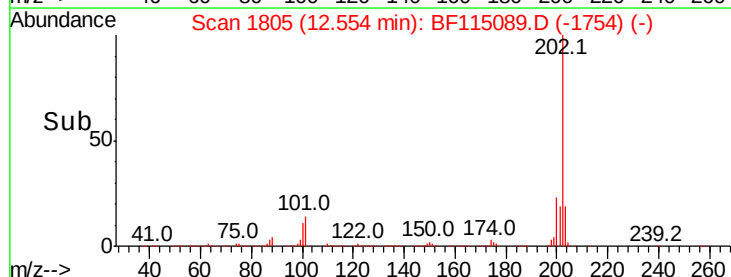
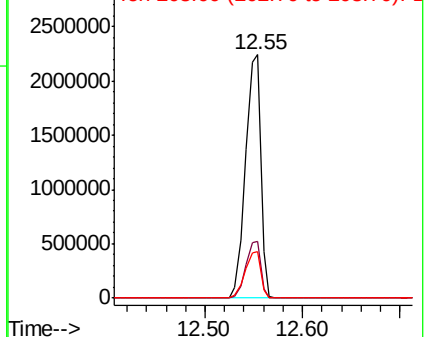
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 23.3  | 17.9  | 26.9  |
| 203 | 19.1  | 14.6  | 21.8  |

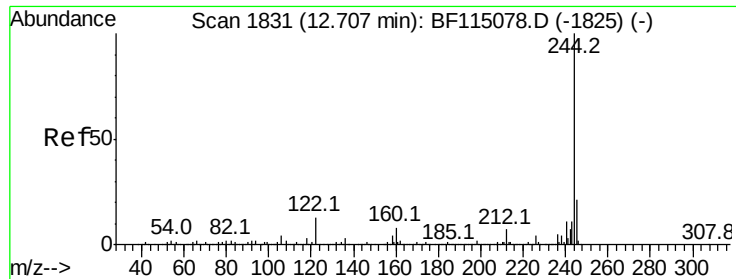


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.763 ng

RT: 12.71 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA\_F

ClientSampleId :

PB120747BS

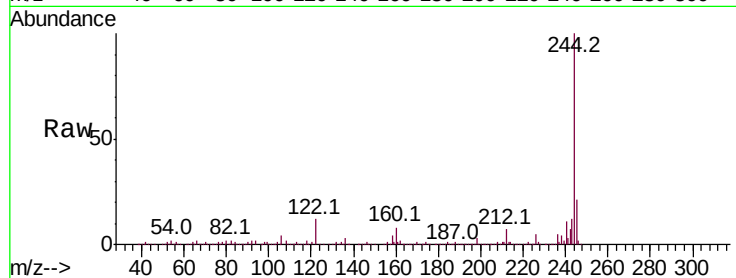
Tot Ion:244 Resp: 3108020

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

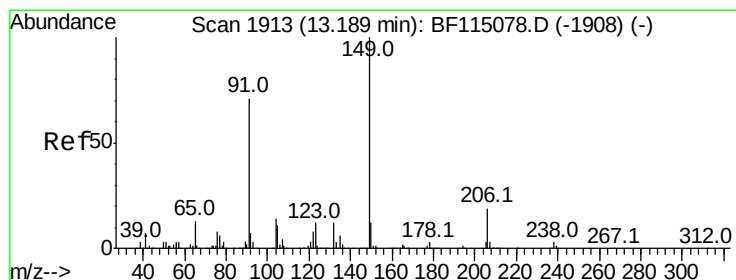
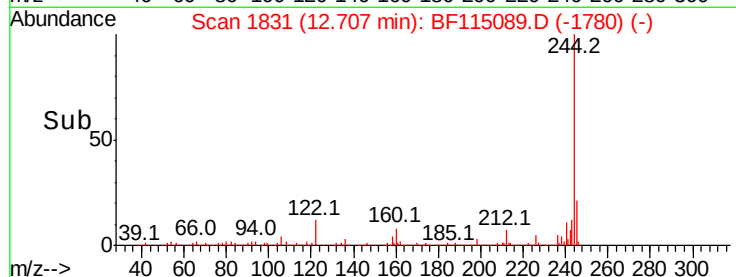
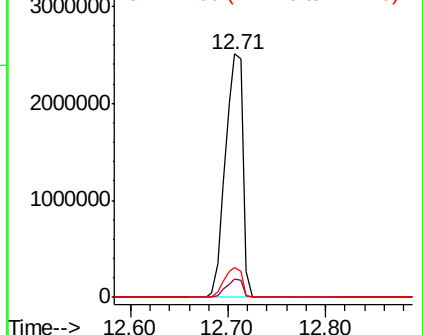
122 12.4 10.4 15.6



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: 46.351 ng

RT: 13.19 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

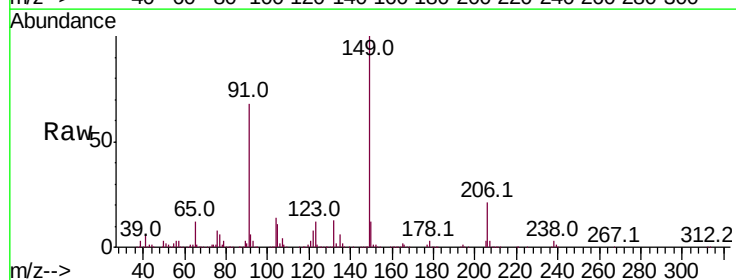
Tgt Ion:149 Resp: 1170294

Ion Ratio Lower Upper

149 100

91 67.7 56.5 84.7

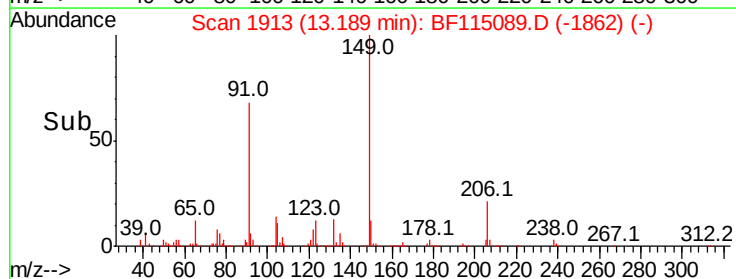
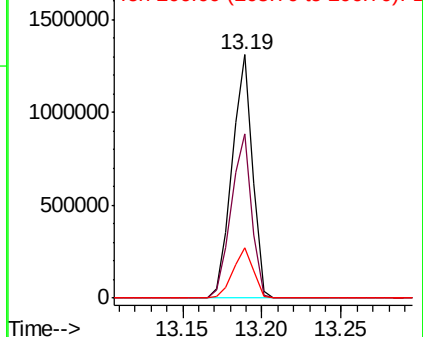
206 20.6 15.3 22.9

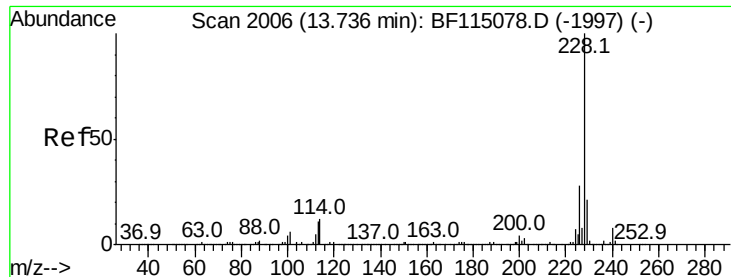


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.245 ng

RT: 13.74 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

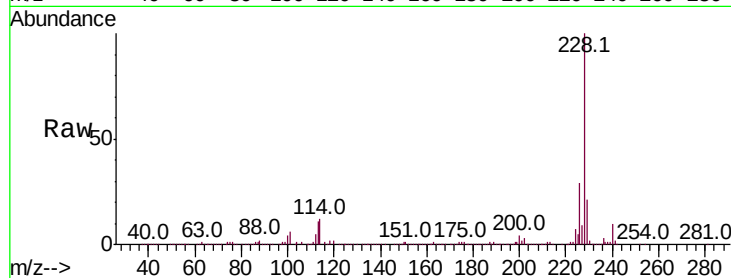
BNA\_F

ClientSampleId :

PB120747BS

Tot Ion:228 Resp: 2256634

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.8  | 22.5  | 33.7  |
| 229 | 21.0  | 16.6  | 24.8  |

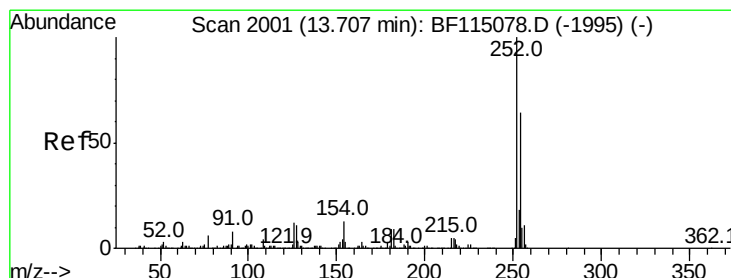
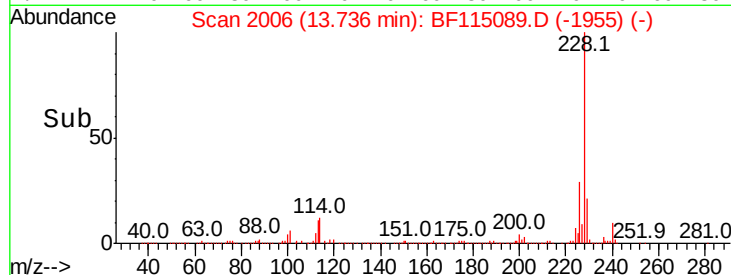
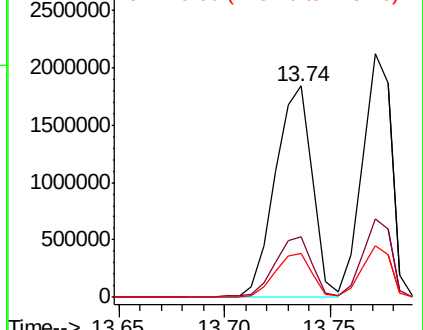


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 27.635 ng

RT: 13.70 min Scan# 2000

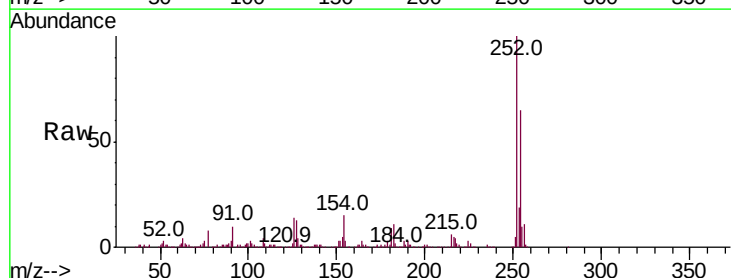
Delta R.T. -0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Tgt Ion:252 Resp: 533083

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 65.0  | 51.1  | 76.7  |
| 126 | 14.1  | 9.4   | 14.0# |

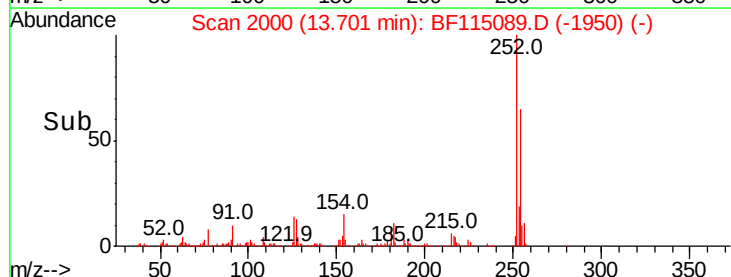
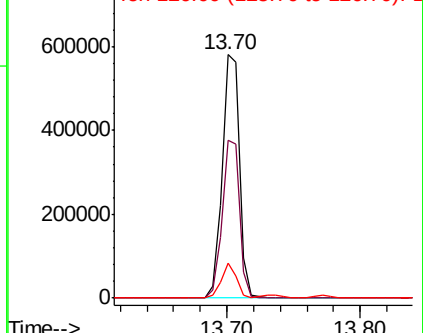


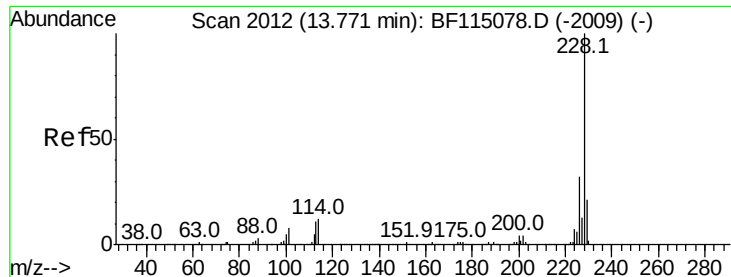
Abundance

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: 41.681 ng

RT: 13.77 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

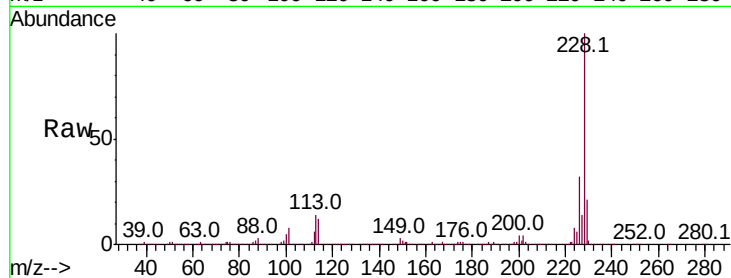
BNA\_F

ClientSampleId :

PB120747BS

Tot Ion:228 Resp: 2039516

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 32.4  | 25.4  | 38.0  |
| 229 | 21.3  | 16.5  | 24.7  |

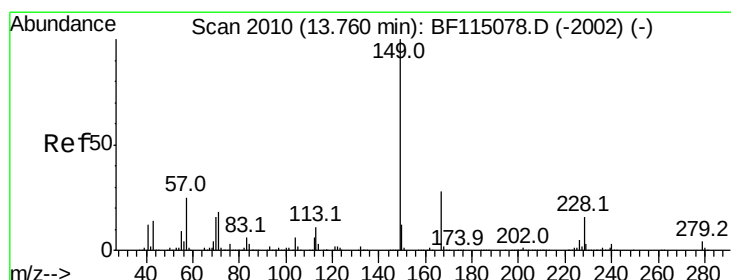
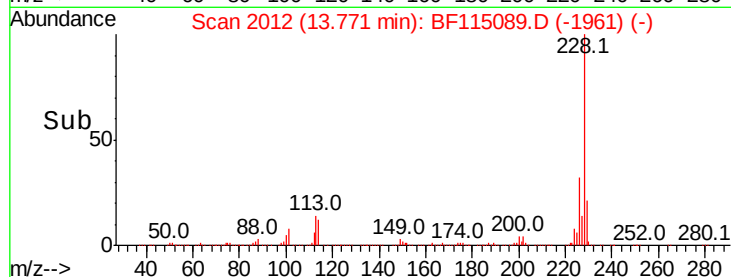
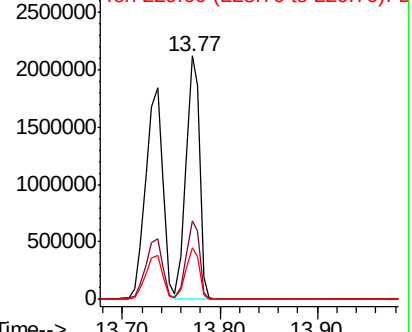


Abundance

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: 45.523 ng

RT: 13.76 min Scan# 2010

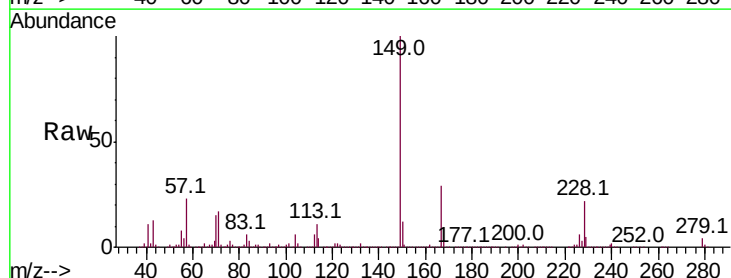
Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Tgt Ion:149 Resp: 1506074

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.8  | 22.2  | 33.4  |
| 279 | 4.2   | 2.9   | 4.3   |

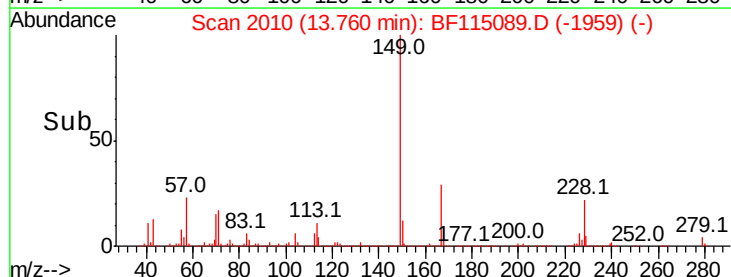
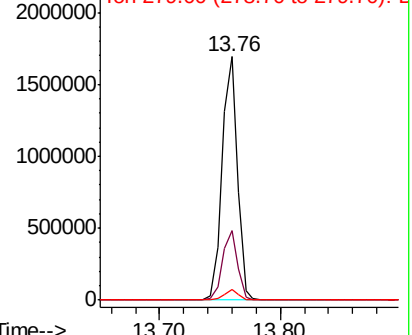


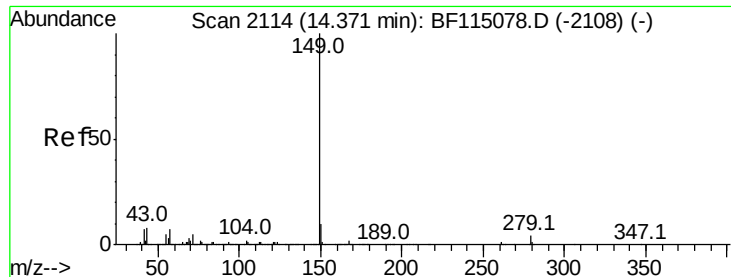
Abundance

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

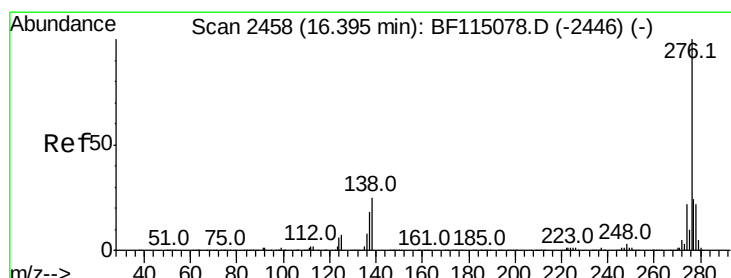
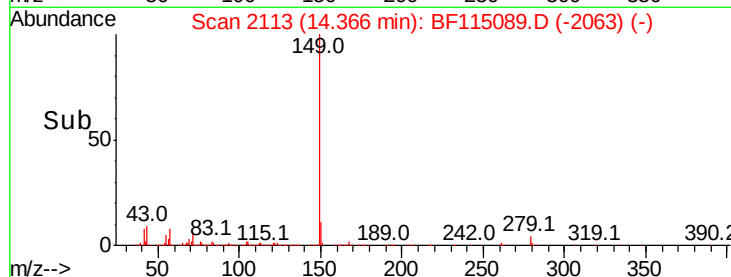
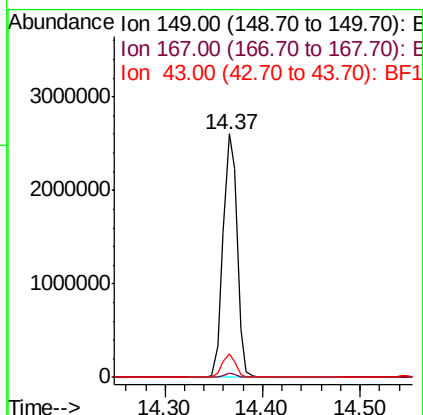
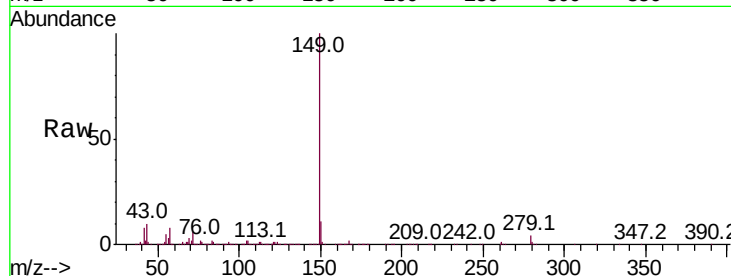




#85  
Di-n-octyl phthalate  
Concen: 46.783 ng  
RT: 14.37 min Scan# 2113  
Delta R.T. -0.01 min  
Lab File: BF115089.D  
Acq: 21 Jun 2019 20:31

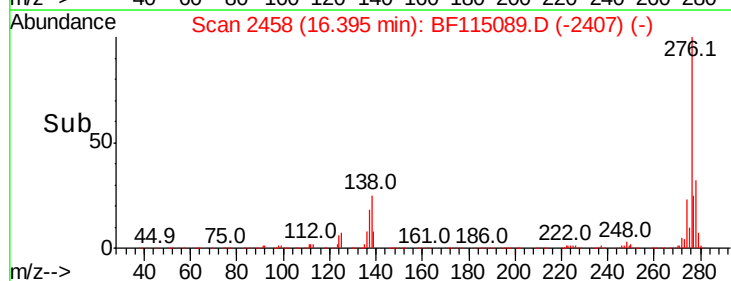
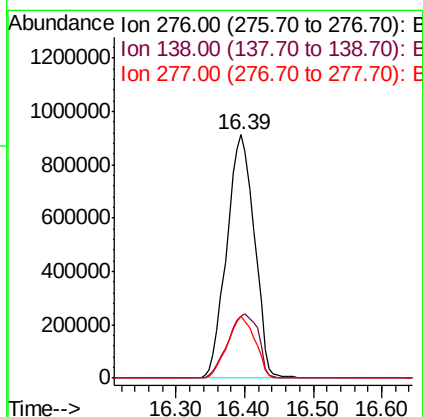
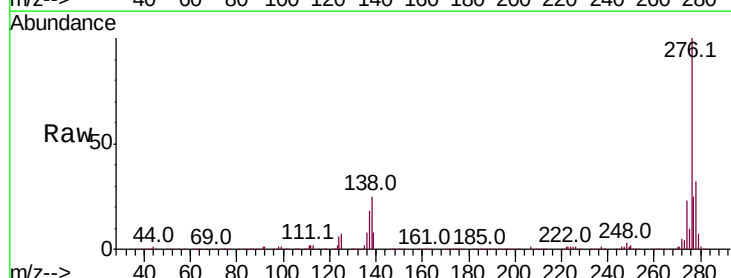
Instrument :  
BNA\_F  
ClientSampleId :  
PB120747BS

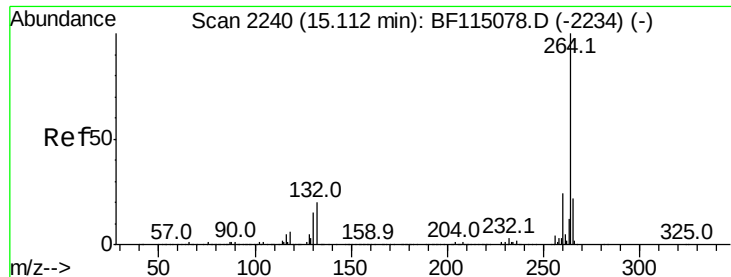
Tot Ion:149 Resp: 2600512  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.2 1.8  
43 8.9 7.0 10.6



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 44.061 ng  
RT: 16.39 min Scan# 2458  
Delta R.T. 0.00 min  
Lab File: BF115089.D  
Acq: 21 Jun 2019 20:31

Tgt Ion:276 Resp: 2551161  
Ion Ratio Lower Upper  
276 100  
138 29.2 23.2 34.8  
277 25.6 20.1 30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.11 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

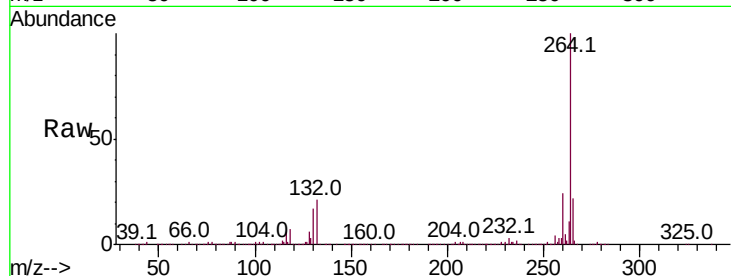
BNA\_F

ClientSampleId :

PB120747BS

Tot Ion:264 Resp: 773880

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.1  | 19.6  | 29.4  |
| 265 | 22.1  | 17.3  | 25.9  |

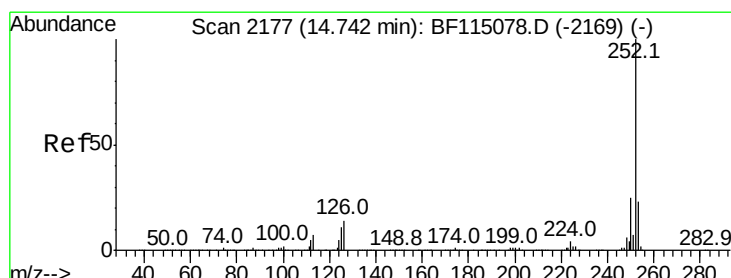
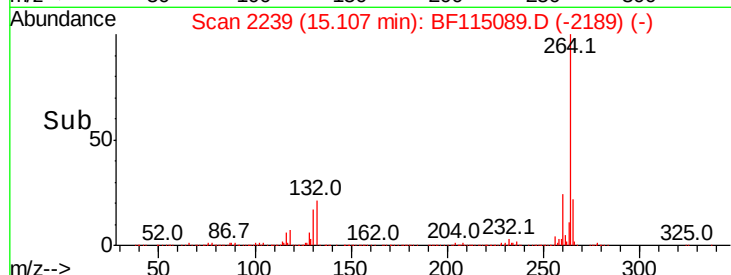
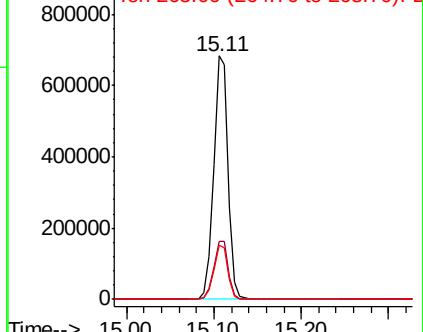


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 52.311 ng

RT: 14.74 min Scan# 2177

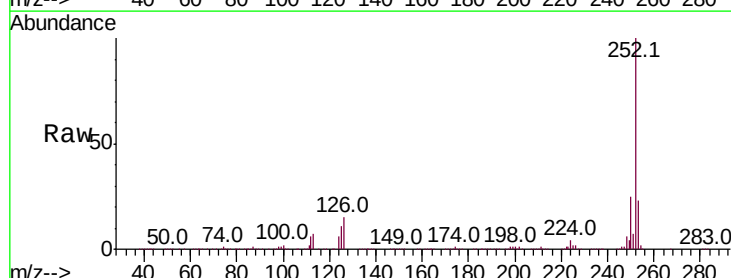
Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Tgt Ion:252 Resp: 2526002

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.2  | 18.1  | 27.1  |
| 125 | 10.6  | 8.7   | 13.1  |

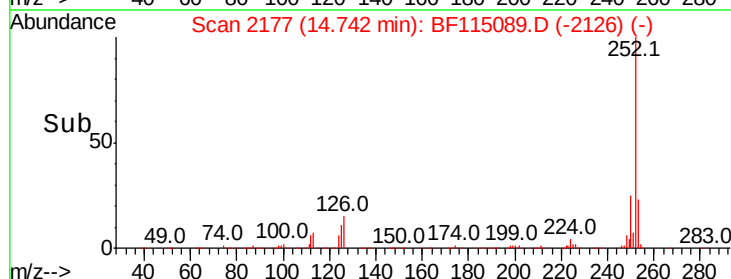
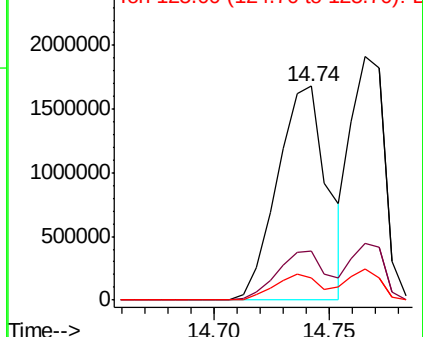


Abundance

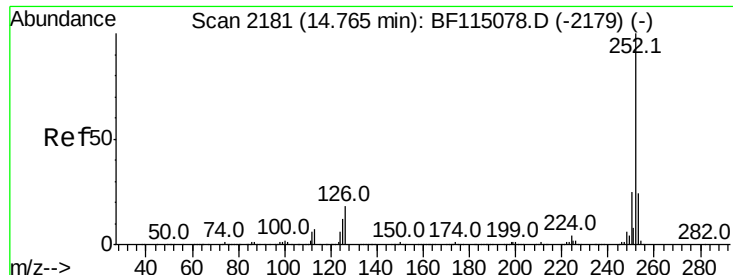
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



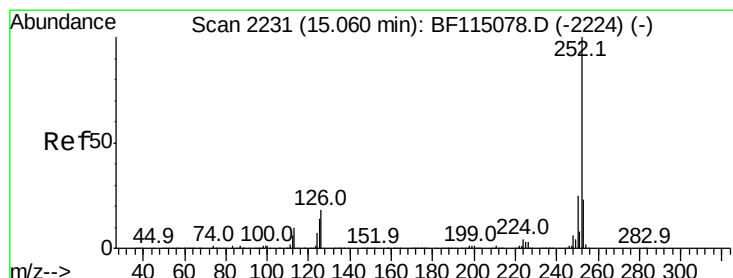
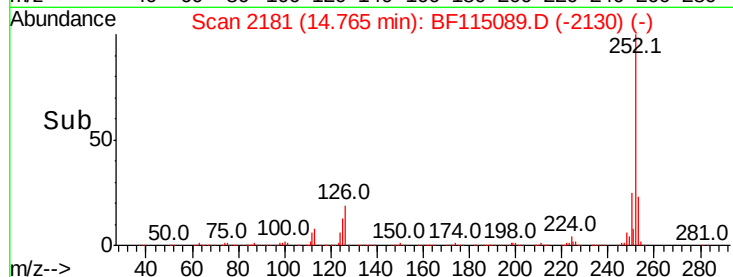
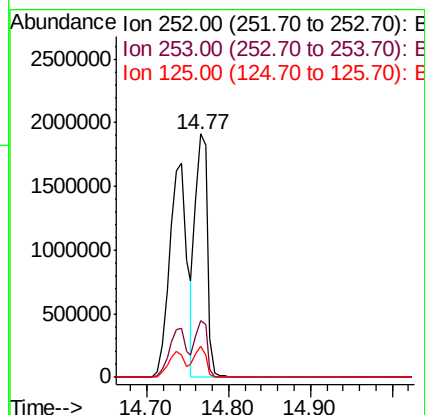
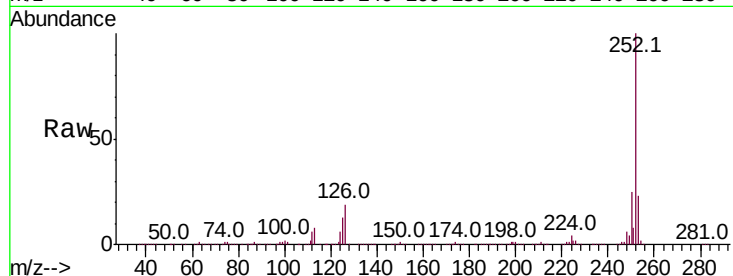




#89  
Benzo(k)fluoranthene  
Concen: 45.154 ng  
RT: 14.77 min Scan# 2181  
Delta R.T. 0.00 min  
Lab File: BF115089.D  
Acq: 21 Jun 2019 20:31

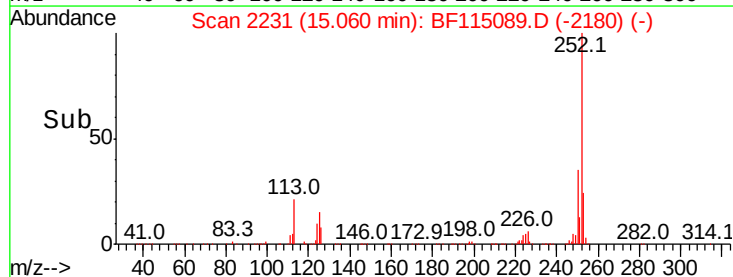
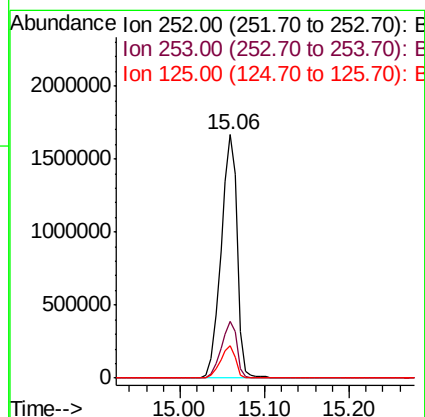
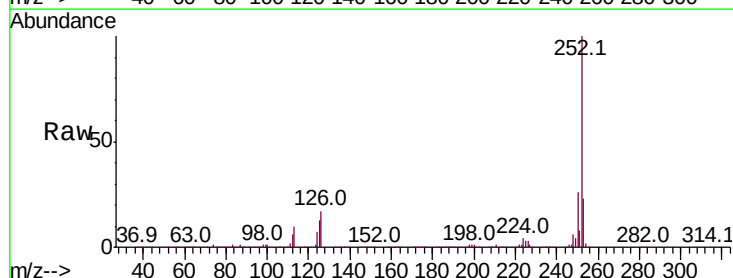
Instrument :  
BNA\_F  
ClientSampleId :  
PB120747BS

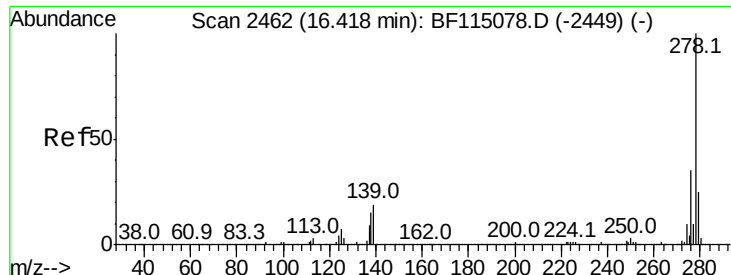
Tot Ion:252 Resp: 1955345  
Ion Ratio Lower Upper  
252 100  
253 23.3 18.9 28.3  
125 12.7 10.2 15.2



#90  
Benzo(a)pyrene  
Concen: 51.068 ng  
RT: 15.06 min Scan# 2231  
Delta R.T. 0.00 min  
Lab File: BF115089.D  
Acq: 21 Jun 2019 20:31

Tgt Ion:252 Resp: 2222610  
Ion Ratio Lower Upper  
252 100  
253 23.5 18.3 27.5  
125 13.2 10.9 16.3



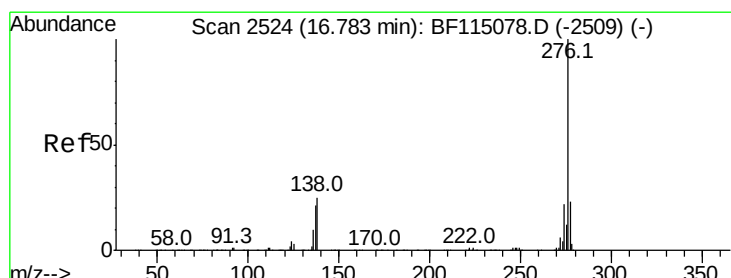
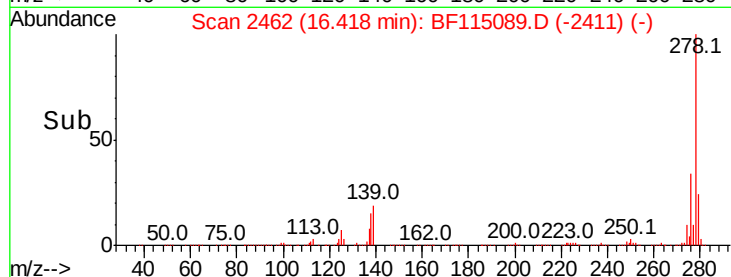
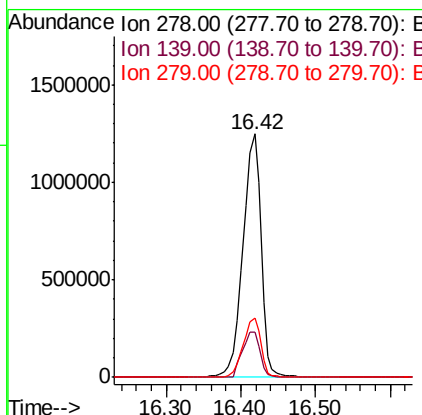
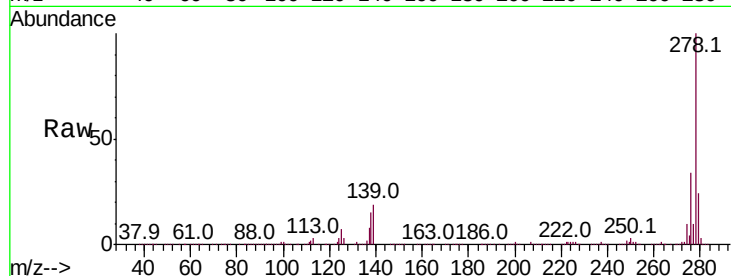


#91  
Dibenzo(a,h)anthracene  
Concen: 52.132 ng  
RT: 16.42 min Scan# 2462  
Delta R.T. 0.00 min  
Lab File: BF115089.D  
Acq: 21 Jun 2019 20:31

Instrument :  
BNA\_F  
ClientSampleId :  
PB120747BS

Tot Ion:278 Resp: 2118174  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 18.8  | 15.4  | 23.2  |
| 279 | 24.3  | 19.9  | 29.9  |



#92  
Benzo(g,h,i)perylene  
Concen: 52.406 ng  
RT: 16.78 min Scan# 2524  
Delta R.T. 0.00 min  
Lab File: BF115089.D  
Acq: 21 Jun 2019 20:31

Tgt Ion:276 Resp: 2155118  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.3  | 18.6  | 28.0  |
| 138 | 26.2  | 19.8  | 29.6  |

